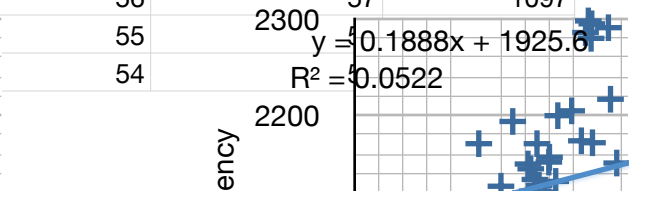
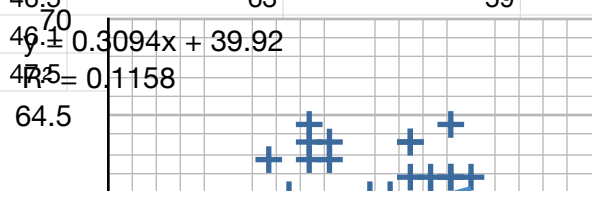
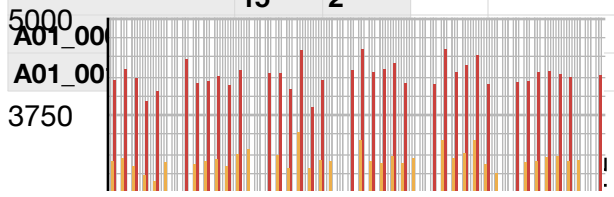


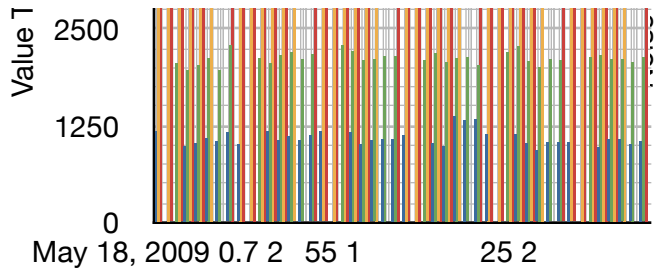
|              |      |         |      | Noise (dB) | Noise (dB) |    |    |    | Signal       |
|--------------|------|---------|------|------------|------------|----|----|----|--------------|
|              | Time | Chan    | Snap | RMS        | F1         | F2 | F3 | F4 | F1 frequency |
| May 18, 2009 | 0.7  | 2       |      | 48.3       | 65         | 61 | 56 | 58 | 1184         |
| A01_000      | 0    | 2       |      | 48.5       | 62         | 60 | 57 | 61 | 1143         |
|              | 46   | 2       |      | 49.6       | 65         | 61 | 58 | 62 | 1062         |
|              | 50   | 2       |      | 45.3       | 65         | 64 | 53 | 57 | 992          |
| A01_001      | 1    | 2       |      | 45.8       | 65         | 59 | 55 | 56 | 1022         |
|              | 13   | 2       |      | 47.8       | 64         | 60 | 55 | 58 | 1090         |
|              | 22   | 2       |      | 47.8       | 63         | 61 | 54 | 57 | 1049         |
|              | 41   | 1       |      | 44.9       | 63         | 63 | 59 | 62 | 1166         |
| A01_002      | 35   | 2       |      | 42.2       | 56         | 52 | 50 | 54 | 1011         |
|              | 40   | 2       |      | 42.1       | 56         | 52 | 49 | 55 | 1031         |
|              | 59   | 1       |      | 41.5       | 58         | 62 | 59 | 59 | 1257         |
| A01_003      | 11   | 1       |      | 41.6       | 57         | 60 | 55 | 61 | 1177         |
|              | 36   | 1       |      | 43.2       | 61         | 59 | 58 | 61 | 1063         |
|              | 46   | 2       |      | 42.3       | 54         | 53 | 51 | 56 | 1113         |
| A01_006      | 15   | 1       |      | 45.4       | 58         | 63 | 56 | 60 | 1065         |
|              | 55   | 2       |      | 45.1       | 59         | 63 | 59 | 61 | 1127         |
| A01_007      | 8.5  | 1:02 AI |      | 44.6       | 58         | 64 | 61 | 60 | 1178         |
|              | 55   | 1       |      | 46.7       | 59         | 62 | 58 | 59 | 1190         |
| A01_008      | 8    | 1       |      | 44.9       | 56         | 62 | 54 | 62 | 1137         |
|              | 15   | 2       |      | 46.2       | 54         | 58 | 54 | 56 | 1169         |
| A01_009      | 4    | 2       |      | 47.8       | 60         | 59 | 57 | 61 | 1015         |
|              | 24   | 1       |      | 46.4       | 64         | 61 | 59 | 60 | 1061         |
| A01_010      | 19   | 1       |      | 45.0       | 61         | 60 | 57 | 60 | 1080         |
|              | 29   | 2       |      | 41.7       | 55         | 54 | 51 | 56 | 1081         |
| A01_011      | 57   | 1:02 AI |      | 43.6       | 61         | 59 | 57 | 63 | 1133         |
| A02_001      | 2    | 1:02 AI |      | 44.8       | 63         | 58 | 57 | 59 | 1074         |
|              | 13   | 1:02 AI |      | 37.9       | 54         | 52 | 49 | 57 | 1125         |
|              | 25   | 1:02 AI |      | 47.5       | 63         | 63 | 61 | 65 | 1028         |
|              | 43   | 2       |      | 49.0       | 59         | 59 | 60 | 65 | 985          |
|              | 54   | 2       |      | 49.1       | 58         | 59 | 60 | 66 | 1373         |
| A03_031      | 22   | 1       |      | 44.2       | 57         | 58 | 54 | 54 | 1329         |
| A03_038      | 16   | 1       |      | 42.8       | 58         | 58 | 56 | 54 | 1337         |
| A04_002      | 19   | 2       |      | 47.4       | 62         | 59 | 59 | 64 | 1142         |
|              | 22   | 2       |      | 45.1       | 62         | 54 | 55 | 58 | 1066         |

|                |      |      |      | Noise (dB) | Noise (dB) |    |    |    | Signal       |
|----------------|------|------|------|------------|------------|----|----|----|--------------|
|                | Time | Chan | Snap | RMS        | F1         | F2 | F3 | F4 | F1 frequency |
|                | 25   | 2    |      | 47.9       | 62         | 59 | 56 | 63 | 1093         |
|                | 36   | 2    |      | 49.0       | 65         | 58 | 58 | 63 | 1141         |
|                | 38   | 2    |      | 48.2       | 66         | 61 | 57 | 59 | 1028         |
|                | 45   | 2    |      | 47.9       | 64         | 59 | 57 | 57 | 934          |
| A04_003        | 3    | 2    |      | 47.5       | 64         | 57 | 56 | 58 | 1041         |
|                | 5    | 2    |      | 46.5       | 64         | 56 | 56 | 56 | 1038         |
|                | 7    | 2    |      | 44.3       | 60         | 57 | 53 | 52 | 1043         |
|                | 11   | 2    |      | 46.9       | 64         | 58 | 55 | 58 | 1050         |
|                | 16   | 2    |      | 45.1       | 63         | 56 | 55 | 56 | 1054         |
|                | 26   | 2    |      | 46.3       | 64         | 58 | 55 | 56 | 979          |
|                | 36   | 2    |      | 46.3       | 63         | 57 | 54 | 57 | 1074         |
|                | 42   | 2    |      | 44.6       | 61         | 55 | 52 | 55 | 1080         |
|                | 56   | 2    |      | 46.0       | 61         | 58 | 56 | 57 | 1010         |
| A04_004        | 3    | 2    |      | 45.9       | 62         | 58 | 56 | 55 | 1060         |
| AC1_016 (5.19) | 11   | 4    |      | 47.9       | 64         | 60 | 57 | 63 | 1054         |
|                | 47   | 4    |      | 48.2       | 63         | 58 | 57 | 64 | 1073         |
|                | 53   | 4    |      | 48.0       | 63         | 60 | 58 | 63 | 1019         |
| AC1_017        | 43   | 3    |      | 47.4       | 62         | 59 | 58 | 55 | 1036         |
|                | 58   | 3    |      | 42.7       | 58         | 58 | 56 | 59 | 901          |
| AC1_008 (5.14) | 35   | 3    |      | 46.2       | 55         | 58 | 52 | 53 | 1419         |
| AC1_013 (5.14) | 7    | 4    |      | 49.6       | 60         | 60 | 62 | 69 | 1140         |
| AC2_000 (5.14) | 10   | 4    |      | 44.5       | 57         | 57 | 59 | 64 | 1206         |
|                | 20   | 1    |      | 43.4       | 52         | 59 | 52 | 54 | 1400         |
|                | 36   | 2    |      | 44.1       | 62         | 62 | 49 | 55 | 1002         |
|                | 48   | 1    |      | 42.7       | 64         | 60 | 56 | 58 | 1026         |
| AC2_005 (5.14) | 13   | 4    |      | 45.6       | 58         | 56 | 55 | 63 | 1002         |
|                | 16   | 3    |      | 45.9       | 60         | 61 | 53 | 55 | 1088         |
|                | 26   | 4    |      | 45.6       | 59         | 57 | 52 | 63 | 1014         |
| AC2_009 (5.14) | 4    | 4    |      | 43.4       | 59         | 58 | 54 | 54 | 1185         |
| AC2_013 (5.14) | 47   | 4    |      | 42.9       | 56         | 56 | 53 | 61 | 1102         |
| AC2_014        | 10   | 2    |      | 42.4       | 63         | 64 | 60 | 56 | 1032         |
|                | 50   | 2    |      | 44.4       | 64         | 63 | 58 | 54 | 1141         |
|                | 51   | 2    |      | 44.0       | 65         | 63 | 59 | 57 | 1056         |
|                | 59   | 1    |      | 43.7       | 69         | 64 | 57 | 59 | 1123         |

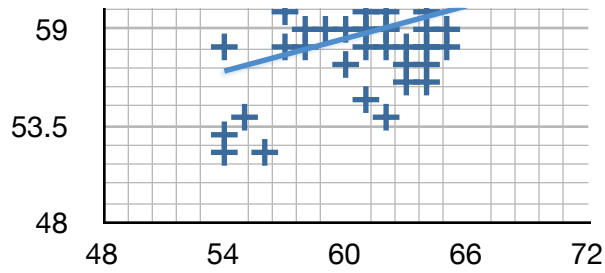
|                |      |      |      | Noise (dB) | Noise (dB) |    |    |    | Signal       |
|----------------|------|------|------|------------|------------|----|----|----|--------------|
|                | Time | Chan | Snap | RMS        | F1         | F2 | F3 | F4 | F1 frequency |
| AC2_015        | 1    | 1    |      | 43.7       | 68         | 65 | 59 | 55 | 1084         |
|                | 11   | 3    |      | 44.4       | 60         | 59 | 56 | 50 | 1095         |
|                | 21   | 1    |      | 44.9       | 69         | 65 | 60 | 57 | 1060         |
| AC2_016        | 57   | 3    |      | 47.9       | 63         | 61 | 57 | 57 | 1105         |
| AC2_017        | 23   | 3    |      | 48.2       | 62         | 63 | 58 | 55 | 1050         |
|                | 20   | 2    |      | 47.8       | 65         | 66 | 65 | 58 | 1059         |
|                | 29   | 3    |      | 48.0       | 63         | 63 | 59 | 55 | 1037         |
| AC1_013 (5.15) | 42   | 3    |      | 48.0       | 62         | 52 | 57 | 56 | 1106         |
| AC1_015        | 27   | 3    |      | 47.6       | 62         | 56 | 55 | 54 | 1090         |
| AC1_016 (5.15) | 11   | 3    |      | 48.1       | 63         | 60 | 56 | 55 | 1030         |
|                | 16   | 3    |      | 47.5       | 63         | 58 | 54 | 56 | 1034         |
|                | 20   | 3    |      | 47.5       | 62         | 58 | 54 | 57 | 1108         |
|                | 42   | 3    |      | 44.7       | 60         | 56 | 51 | 57 | 1128         |
| AC1_019 (5.15) | 30   | 3    |      | 47.6       | 61         | 56 | 59 | 57 | 1114         |
|                | 34   | 3    |      | 47.5       | 62         | 57 | 55 | 56 | 1089         |
|                | 48   | 3    |      | 47.6       | 63         | 57 | 54 | 54 | 1132         |
| A04_004 (5.18) | 5    | 2    |      | 45.9       | 62         | 57 | 56 | 57 | 1073         |
|                | 17   | 1    |      | 46.1       | 64         | 60 | 58 | 57 | 1005         |
|                | 20   | 2    |      | 45.9       | 63         | 57 | 56 | 55 | 1037         |
|                | 39   | 2    |      | 46.7       | 61         | 56 | 57 | 57 | 1008         |
|                | 59   | 2    |      | 48.0       | 63         | 59 | 58 | 60 | 1098         |
| A04_005 (5.18) | 21   | 2    |      | 49.2       | 64         | 62 | 60 | 63 | 1032         |
|                | 31   | 2    |      | 50.6       | 66         | 61 | 60 | 63 | 1132         |
|                | 37   | 2    |      | 48.5       | 64         | 61 | 59 | 60 | 1074         |
| A04_012 (5.18) | 28   | 1    |      | 43.8       | 65         | 57 | 57 | 56 | 1094         |
| A04_015        | 33   | 1    |      | 47.4       | 66         | 65 | 60 | 60 | 1046         |
| A04_019        | 47   | 1    |      | 51.7       | 62         | 63 | 63 | 63 | 1238         |
| A04_021        | 48   | 1    |      | 52.3       | 66         | 67 | 63 | 62 | 1203         |
| A05_000        | 9    | 1    |      | 46.0       | 62         | 61 | 56 | 55 | 1015         |
|                | 15   | 2    |      | 46.5       | 63         | 59 | 56 | 57 | 1097         |

title

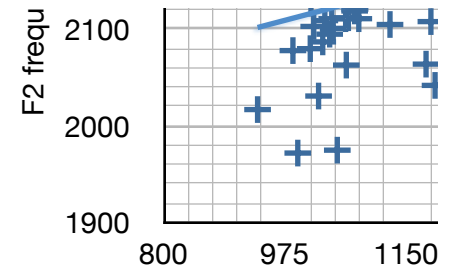




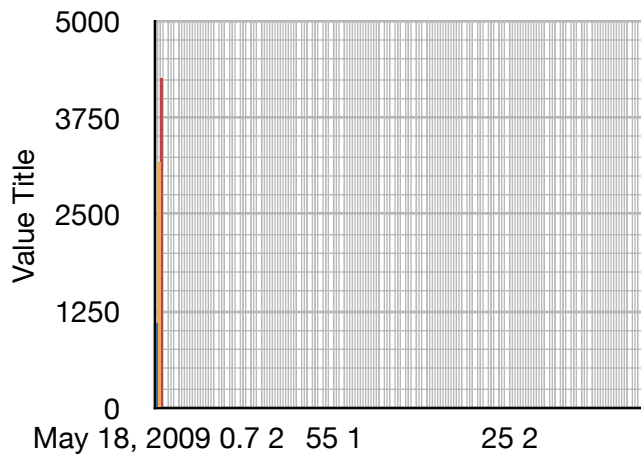
Category Title  
**Harmonics Averages**



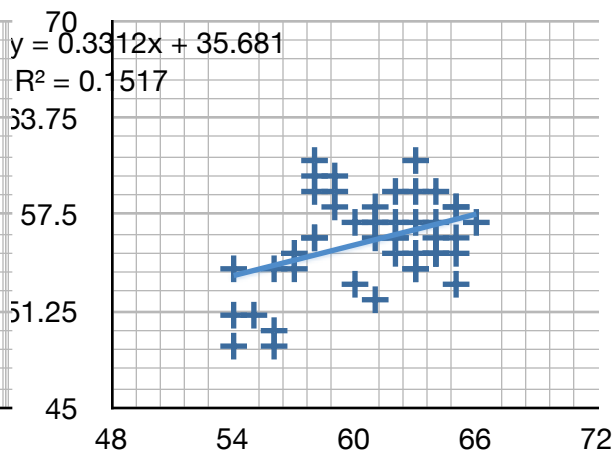
Noise F1  
**Noise F3 v F1**



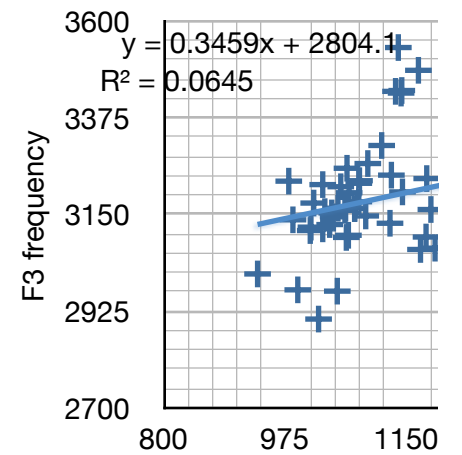
F1 frequ  
**Signal F3**



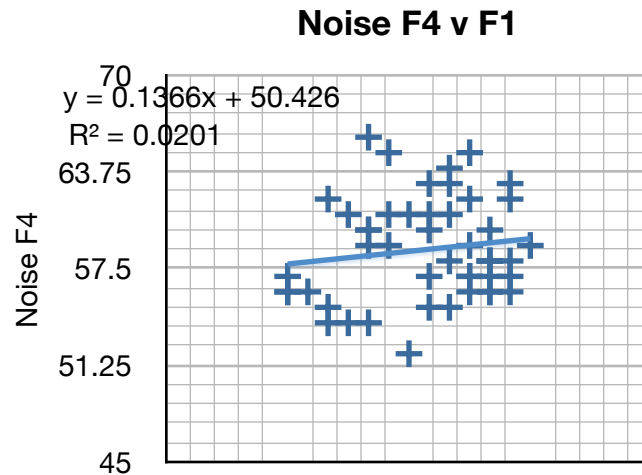
Category Title



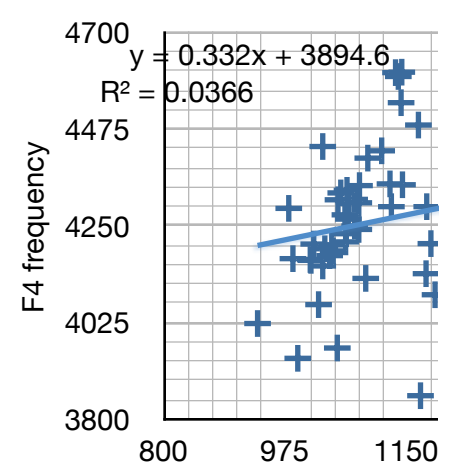
Noise F1



F1 frequ  
**Signal F4**



Noise F4

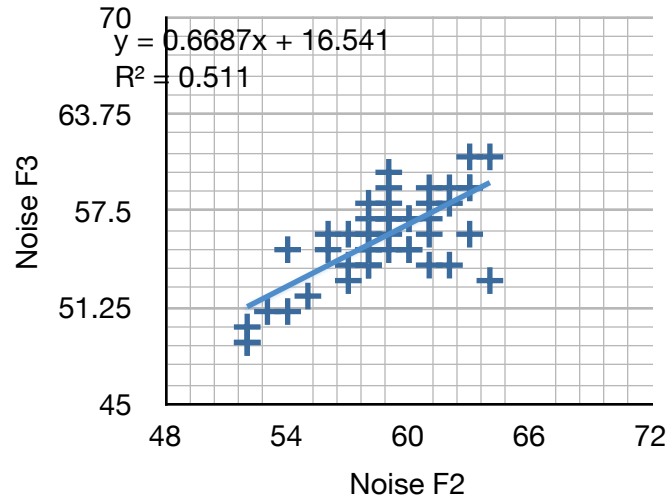


F4 frequency

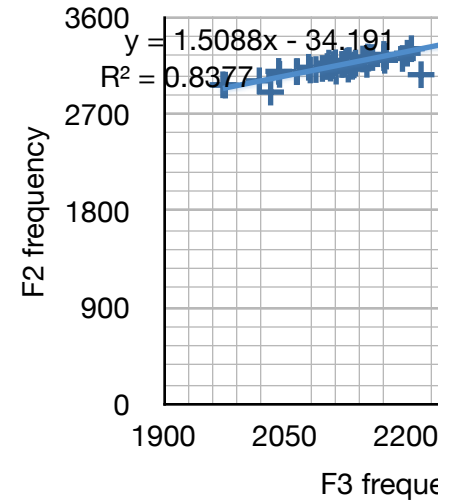
48 54 60 66 72  
Noise F1

F1 freque

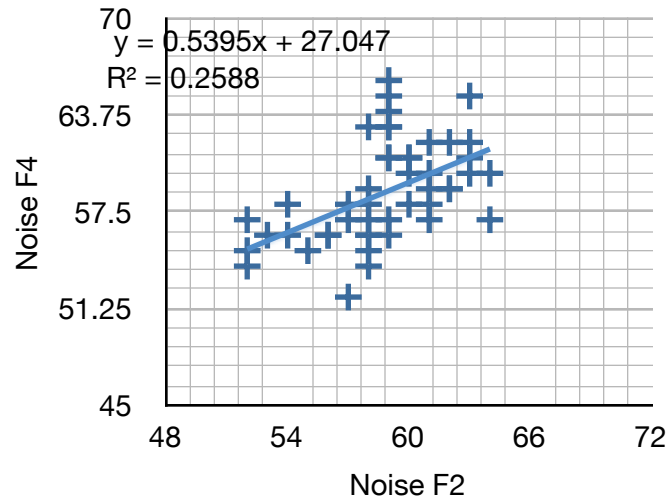
**Noise F3 v F2**



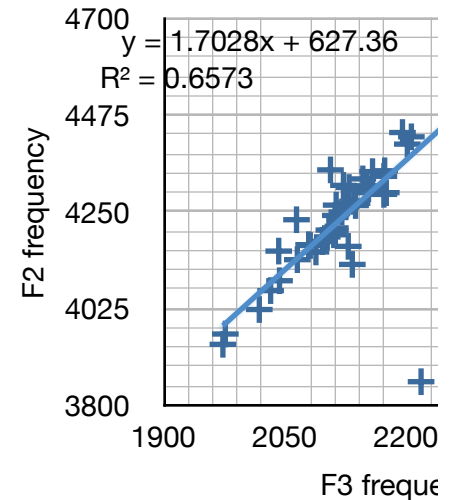
**Signal F3**



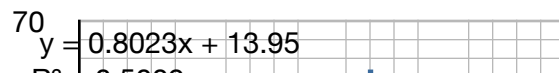
**Noise F2 v F4**



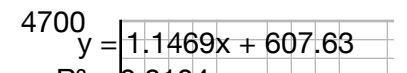
**Signal F4**

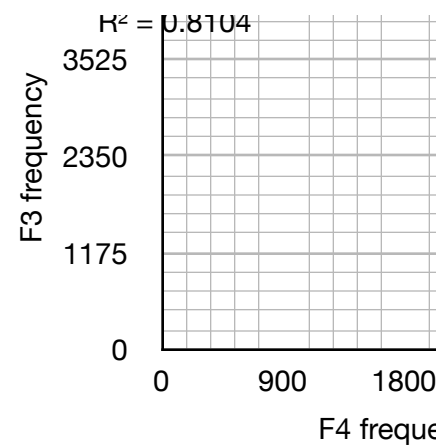
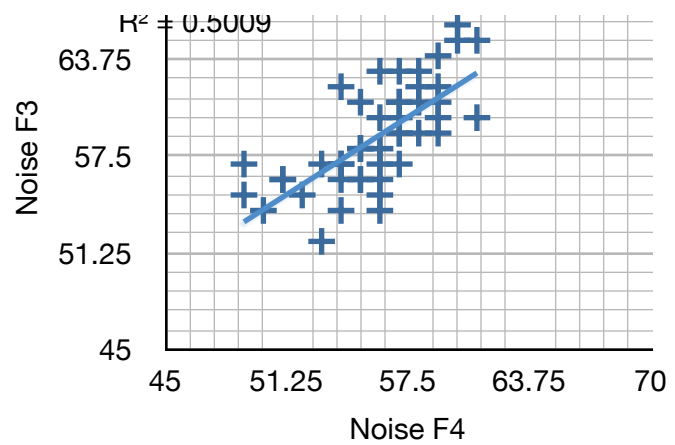


**Noise F3 v F4**



**Signal F4**



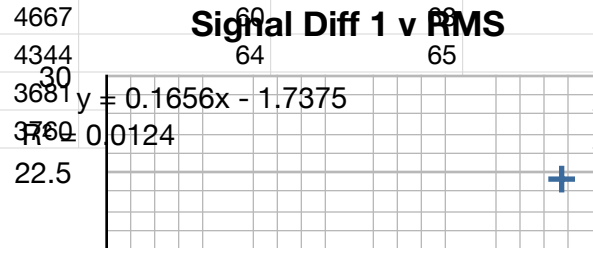
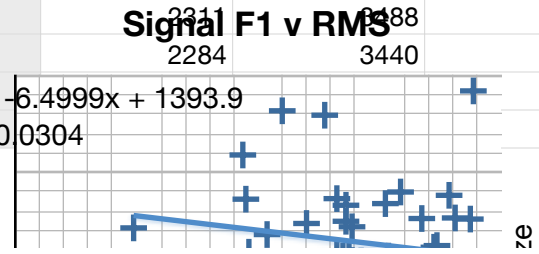
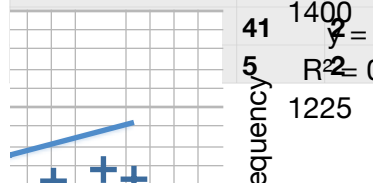


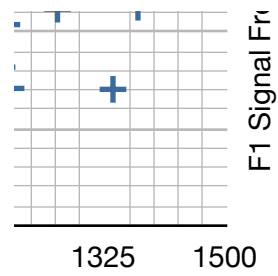
|              |      |         |              |              |              | Signal  |           |         |           |
|--------------|------|---------|--------------|--------------|--------------|---------|-----------|---------|-----------|
|              | Time | Chan    | F2 frequency | F3 frequency | F4 frequency | F1 peak | F1 trough | F2 peak | F2 trough |
| May 18, 2009 | 0.7  | 2       | 2108         | 3162         | 4209         | 64      | 66        | 44      | 63        |
| A01_000      | 0    | 2       | 2172         | 3203         | 4346         | 63      | 66        | 51      | 62        |
|              | 46   | 2       | 2063         | 3097         | 4232         | 60      | 68        | 52      | 61        |
|              | 50   | 2       | 1972         | 2975         | 3942         | 68      | 71        | 52      | 64        |
| A01_001      | 1    | 2       | 2031         | 2907         | 4067         | 61      | 67        | 47      | 63        |
|              | 13   | 2       | 2132         | 3147         | 4128         | 63      | 66        | 51      | 61        |
|              | 22   | 2       | 1975         | 2972         | 3966         | 56      | 66        | 46      | 59        |
|              | 41   | 1       | 2291         | 3486         | 4485         | 61      | 67        | 49      | 66        |
| A01_002      | 35   | 2       | 2127         | 3121         | 4170         | 55      | 59        | 45      | 53        |
|              | 40   | 2       | 2109         | 3157         | 4197         | 57      | 60        | 39      | 56        |
|              | 59   | 1       | 2124         | 3188         | 4262         | 56      | 60        | 49      | 60        |
| A01_003      | 11   | 1       | 2064         | 3098         | 4139         | 57      | 62        | 50      | 62        |
|              | 36   | 1       | 2171         | 3258         | 4333         | 60      | 63        | 46      | 63        |
|              | 46   | 2       | 2205         | 3311         | 4425         | 51      | 60        | 33      | 56        |
| A01_006      | 15   | 1       | 2112         | 3102         | 4266         | 57      | 64        | 59      | 63        |
|              | 55   | 2       | 2174         | 3242         | 4295         | 55      | 63        | 43      | 57        |
| A01_007      | 8.5  | 1:02 AI | 2151         | 3234         | 4295         | 57      | 64        | 45      | 64        |
|              | 55   | 1       | 2042         | 3072         | 4090         | 57      | 61        | 55      | 61        |
| A01_008      | 8    | 1       | 2298         | 3539         | 4598         | 54      | 65        | 53      | 62        |
|              | 15   | 2       | 2217         | 3069         | 3855         | 56      | 65        | 47      | 59        |
| A01_009      | 4    | 2       | 2103         | 3177         | 4208         | 59      | 65        | 51      | 60        |
|              | 24   | 1       | 2111         | 3165         | 4213         | 61      | 66        | 45      | 62        |
| A01_010      | 19   | 1       | 2152         | 3223         | 4304         | 60      | 65        | 60      | 63        |
|              | 29   | 2       | 2157         | 3229         | 4344         | 56      | 62        | 51      | 56        |
| A01_011      | 57   | 1:02 AI | 2286         | 3437         | 4607         | 58      | 67        | 53      | 62        |
| A02_001      | 2    | 1:02 AI | 2121         | 3165         | 4312         | 61      | 63        | 52      | 60        |
|              | 13   | 1:02 AI | 2105         | 3130         | 4348         | 55      | 64        | 52      | 58        |
|              | 25   | 1:02 AI | 2194         | 3220         | 4435         | 63      | 67        | 54      | 63        |
|              | 43   | 2       | 2078         | 3138         | 4174         | 56      | 62        | 56      | 61        |
|              | 54   | 2       | 2126         | 3196         | 4271         | 60      | 62        | 50      | 62        |
| A03_031      | 22   | 1       | 2136         | 3178         | 4265         | 60      | 62        | 54      | 60        |
| A03_038      | 16   | 1       | 2041         | 3100         | 4159         | 59      | 62        | 57      | 62        |
| A04_002      | 19   | 2       | 2295         | 3439         | 4608         | 55      | 66        | 48      | 61        |
|              | 22   | 2       | 2128         | 3201         | 4307         | 60      | 63        | 44      | 60        |

|                |      |      |              |              |              | Signal  |           |         |           |
|----------------|------|------|--------------|--------------|--------------|---------|-----------|---------|-----------|
|                | Time | Chan | F2 frequency | F3 frequency | F4 frequency | F1 peak | F1 trough | F2 peak | F2 trough |
|                | 25   | 2    | 2200         | 3269         | 4408         | 54      | 66        | 41      | 61        |
|                | 36   | 2    | 2280         | 3433         | 4537         | 44      | 66        | 33      | 61        |
|                | 38   | 2    | 2087         | 3117         | 4157         | 59      | 66        | 47      | 61        |
|                | 45   | 2    | 2017         | 3012         | 4023         | 62      | 65        | 47      | 62        |
| A04_003        | 3    | 2    | 2111         | 3154         | 4206         | 62      | 65        | 45      | 59        |
|                | 5    | 2    | 2095         | 3127         | 4181         | 57      | 64        | 44      | 60        |
|                | 7    | 2    | 2101         | 3145         | 4192         | 57      | 66        | 42      | 60        |
|                | 11   | 2    | 2150         | 3165         | 4311         | 61      | 65        | 45      | 59        |
|                | 16   | 2    | 2145         | 3215         | 4327         | 63      | 66        | 43      | 60        |
|                | 26   | 2    | 2171         | 3228         | 4291         | 62      | 65        | 53      | 60        |
|                | 36   | 2    | 2119         | 3164         | 4250         | 63      | 66        | 45      | 60        |
|                | 42   | 2    | 2111         | 3180         | 4242         | 60      | 62        | 47      | 58        |
|                | 56   | 2    | 2080         | 3113         | 4172         | 61      | 66        | 44      | 61        |
| A04_004        | 3    | 2    | 2134         | 3160         | 4276         | 55      | 63        | 49      | 59        |
| AC1_016 (5.19) | 11   | 4    | 2123         | 3189         | 4253         | 59      | 66        | 49      | 61        |
|                | 47   | 4    | 2136         | 3223         | 4280         | 55      | 65        | 55      | 60        |
|                | 53   | 4    | 2077         | 3115         | 4182         | 57      | 66        | 52      | 60        |
| AC1_017        | 43   | 3    | 2089         | 3142         | 4174         | 61      | 64        | 49      | 62        |
|                | 58   | 3    | 2198         | 3301         | 4393         | 59      | 64        | 45      | 62        |
| AC1_008 (5.14) | 35   | 3    | 2205         | 3315         | 4433         | 56      | 62        | 48      | 60        |
| AC1_013 (5.14) | 7    | 4    | 2290         | 3430         | 4583         | 62      | 66        | 47      | 60        |
| AC2_000 (5.14) | 10   | 4    | 2028         | 3052         | 4069         | 57      | 58        | 53      | 59        |
|                | 20   | 1    | 2970         | 4032         | 5662         | 53      | 63        | 51      | 63        |
|                | 36   | 2    | 2022         | 3032         | 4094         | 62      | 64        | 52      | 63        |
|                | 48   | 1    | 2055         | 3047         | 4049         | 63      | 67        | 49      | 63        |
| AC2_005 (5.14) | 13   | 4    | 2023         | 3039         | 4051         | 58      | 62        | 52      | 59        |
|                | 16   | 3    | 2216         | 3407         | 4420         | 59      | 63        | 57      | 61        |
|                | 26   | 4    | 2107         | 3250         | 4202         | 59      | 62        | 47      | 57        |
| AC2_009 (5.14) | 4    | 4    | 2169         | 3136         | 4289         | 59      | 63        | 53      | 60        |
| AC2_013 (5.14) | 47   | 4    | 2141         | 3206         | 4288         | 55      | 59        | 44      | 55        |
| AC2_014        | 10   | 2    | 2138         | 3062         | 4268         | 59      | 68        | 57      | 64        |
|                | 50   | 2    | 2288         | 3455         | 4615         | 53      | 66        | 42      | 65        |
|                | 51   | 2    | 2112         | 3165         | 4226         | 52      | 66        | 53      | 64        |
|                | 59   | 1    | 2263         | 3403         | 4529         | 49      | 70        | 48      | 66        |

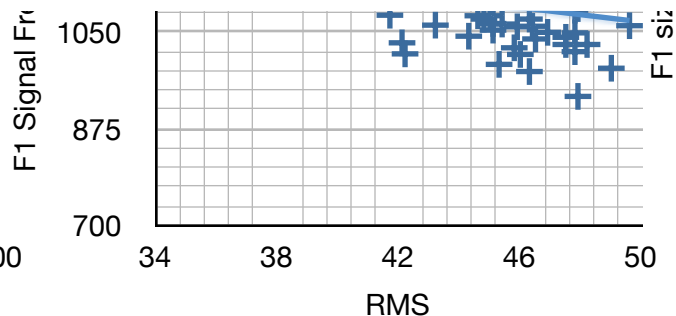


|                | Time | Chan | F2 frequency | F3 frequency | F4 frequency | Signal  |           |         |           |
|----------------|------|------|--------------|--------------|--------------|---------|-----------|---------|-----------|
|                |      |      |              |              |              | F1 peak | F1 trough | F2 peak | F2 trough |
| AC2_015        | 1    | 1    | 2166         | 3288         | 4321         | 57      | 72        | 54      | 64        |
|                | 11   | 3    | 2210         | 3265         | 4432         | 49      | 63        | 50      | 62        |
|                | 21   | 1    | 2171         | 3245         | 4342         | 68      | 69        | 59      | 66        |
| AC2_016        | 57   | 3    | 2222         | 3320         | 4472         | 63      | 64        | 47      | 63        |
| AC2_017        | 23   | 3    | 2150         | 3179         | 4228         | 59      | 64        | 41      | 62        |
|                | 20   | 2    | 2121         | 3208         | 4256         | 57      | 69        | 54      | 69        |
|                | 29   | 3    | 2052         | 3088         | 4117         | 62      | 65        | 57      | 63        |
| AC1_013 (5.15) | 42   | 3    | 2252         | 3208         | 4242         | 63      | 68        | 54      | 62        |
| AC1_015        | 27   | 3    | 2123         | 3186         | 4234         | 62      | 66        | 53      | 60        |
| AC1_016 (5.15) | 11   | 3    | 2073         | 3119         | 4138         | 64      | 65        | 57      | 60        |
|                | 16   | 3    | 2150         | 3187         | 4220         | 64      | 67        | 57      | 60        |
|                | 20   | 3    | 2125         | 3223         | 4225         | 62      | 65        | 55      | 61        |
| AC1_019 (5.15) | 42   | 3    | 2165         | 3342         | 4357         | 61      | 65        | 51      | 58        |
|                | 30   | 3    | 2123         | 3182         | 4282         | 62      | 68        | 56      | 63        |
|                | 34   | 3    | 2167         | 3225         | 4240         | 64      | 67        | 56      | 59        |
| A04_004 (5.18) | 48   | 3    | 2346         | 3371         | 4189         | 62      | 66        | 58      | 59        |
|                | 5    | 2    | 2163         | 3177         | 4311         | 53      | 63        | 47      | 59        |
|                | 17   | 1    | 2110         | 3160         | 4229         | 66      | 68        | 54      | 63        |
| A04_005 (5.18) | 20   | 2    | 2128         | 3133         | 4177         | 60      | 65        | 51      | 59        |
|                | 39   | 2    | 2109         | 3145         | 4202         | 61      | 62        | 49      | 59        |
|                | 59   | 2    | 2149         | 3161         | 4215         | 62      | 65        | 49      | 62        |
| A04_012 (5.18) | 21   | 2    | 2106         | 3150         | 4208         | 62      | 65        | 51      | 64        |
|                | 31   | 2    | 2123         | 3206         | 4262         | 65      | 67        | 47      | 63        |
|                | 37   | 2    | 2160         | 3268         | 4288         | 59      | 64        | 41      | 62        |
| A04_015        | 28   | 1    | 2244         | 3250         | 4303         | 60      | 65        | 55      | 63        |
| A04_019        | 33   | 1    | 2109         | 3151         | 4290         | 67      | 68        | 57      | 65        |
| A04_021        | 47   | 1    | 2114         | 3248         | 4267         | 62      | 65        | 59      | 67        |
| A04_021        | 48   | 1    | 2104         | 3160         | 4201         | 67      | 68        | 62      | 67        |
| A05_000        | 9    | 1    | 2311         | 3188         | 4667         | 60      | 68        | 55      | 60        |
|                | 15   | 2    | 2284         | 3440         | 4344         | 64      | 65        | 53      | 59        |
|                | 41   | 2    | 2284         | 3440         | 4344         | 64      | 65        | 53      | 59        |
| A05_001        | 5    | 2    | 1225         | 2250         | 3750         | 375     | 375       | 56      | 61        |
|                | 41   | 2    | 1225         | 2250         | 3750         | 375     | 375       | 56      | 61        |
|                | 5    | 2    | 1225         | 2250         | 3750         | 375     | 375       | 56      | 61        |

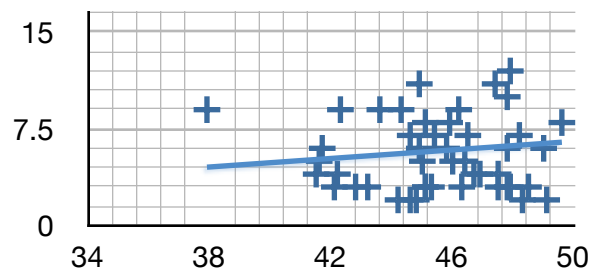




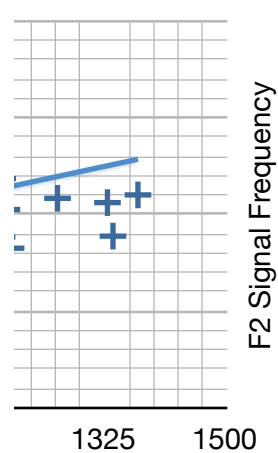
ancy  
v F1



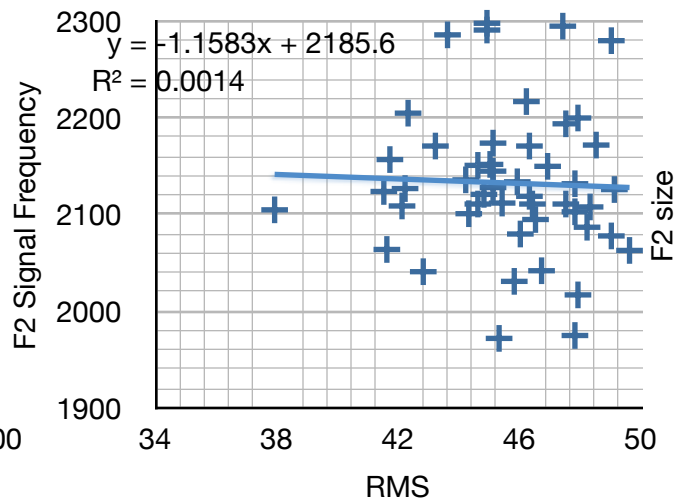
**Signal F2 v RMS**



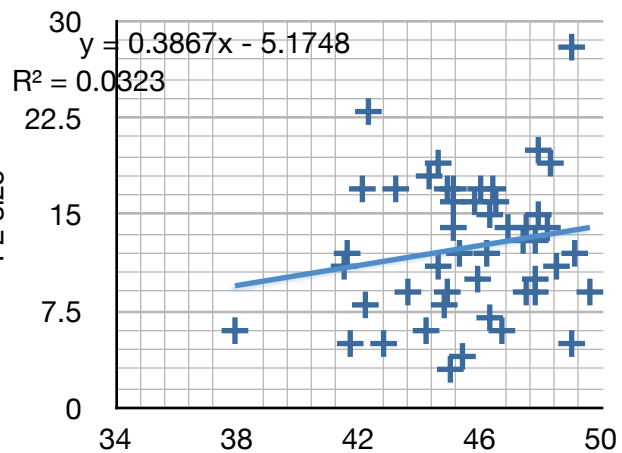
**Signal Diff 2 v RMS**



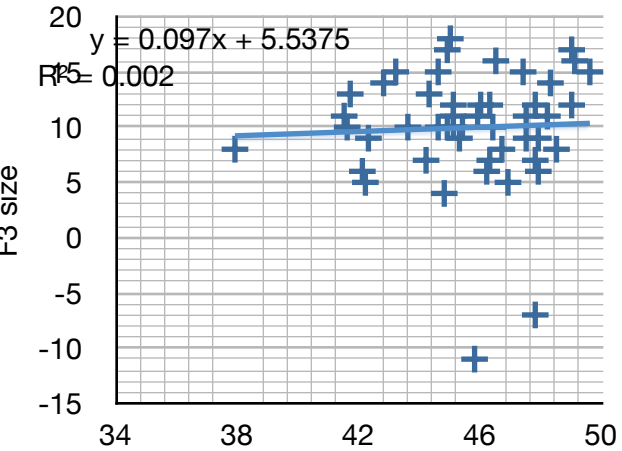
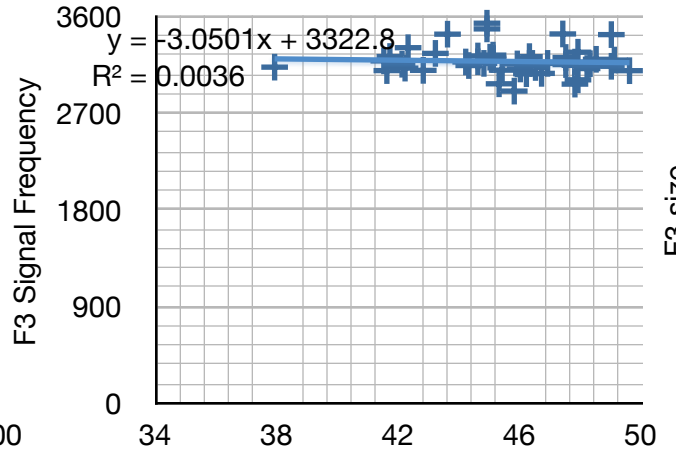
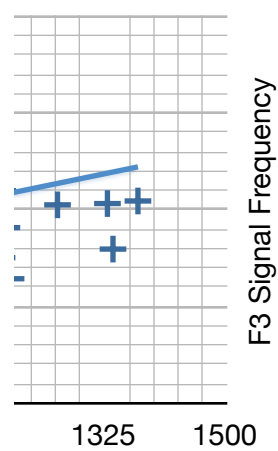
ancy  
v F1



**Signal F3 v RMS**



**Signal Diff 3 v RMS**

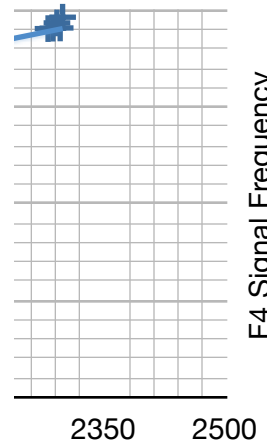


ancy

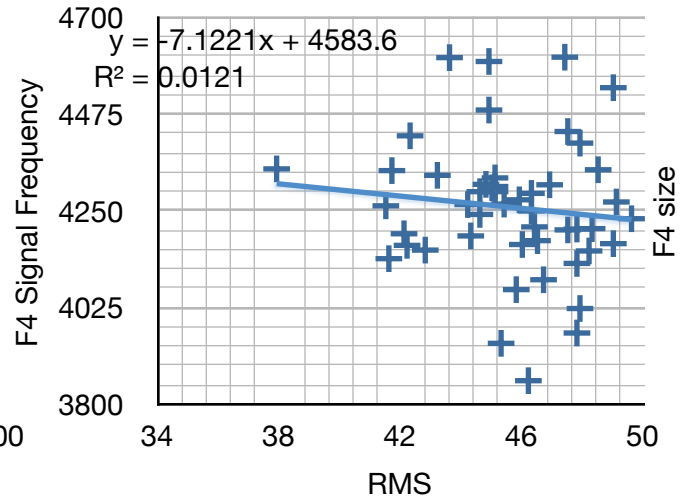
RMS

Noise RMS

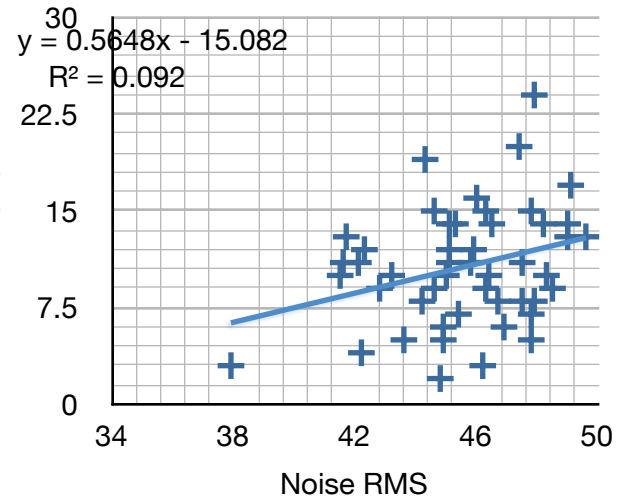
b v F2



Signal F4 v RMS

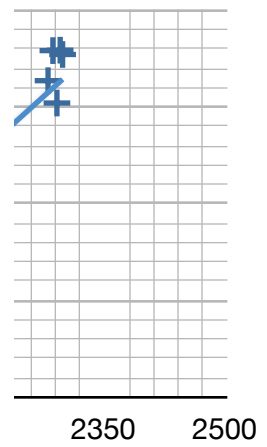


Signal Diff 4 v RMS



ancy

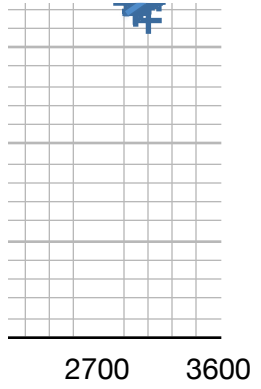
b v F2



ancy

b v F3



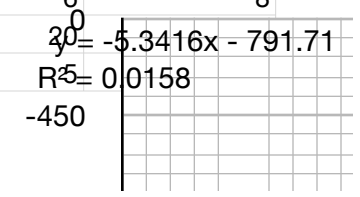
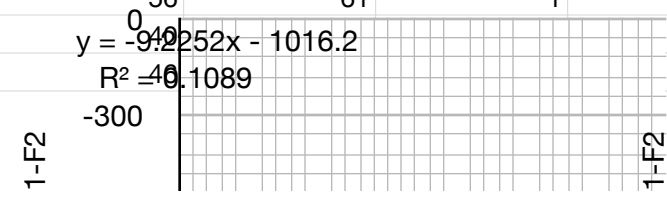
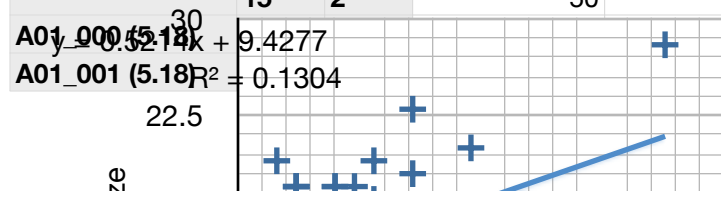


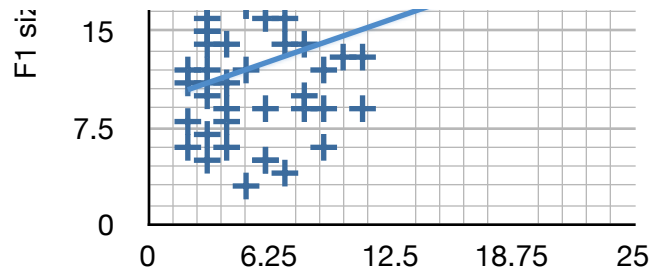
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|              |      |         |         |           |         |           |  | Signal Diff |        |        |
|--------------|------|---------|---------|-----------|---------|-----------|--|-------------|--------|--------|
|              | Time | Chan    | F3 peak | F3 trough | F4 peak | F4 trough |  | F1 t-p      | F2 t-p | F3 t-p |
| May 18, 2009 | 0.7  | 2       | 44      | 58        | 48      | 58        |  | 2           | 19     | 14     |
| A01_000      | 0    | 2       | 51      | 59        | 56      | 65        |  | 3           | 11     | 8      |
|              | 46   | 2       | 44      | 59        | 52      | 65        |  | 8           | 9      | 15     |
|              | 50   | 2       | 53      | 62        | 50      | 64        |  | 3           | 12     | 9      |
| A01_001      | 1    | 2       | 58      | 47        | 50      | 61        |  | 6           | 16     | -11    |
|              | 13   | 2       | 45      | 57        | 56      | 63        |  | 3           | 10     | 12     |
|              | 22   | 2       | 49      | 56        | 42      | 57        |  | 10          | 13     | 7      |
|              | 41   | 1       | 46      | 63        | 59      | 65        |  | 6           | 17     | 17     |
| A01_002      | 35   | 2       | 47      | 52        | 54      | 58        |  | 4           | 8      | 5      |
|              | 40   | 2       | 45      | 51        | 50      | 61        |  | 3           | 17     | 6      |
|              | 59   | 1       | 48      | 59        | 50      | 60        |  | 4           | 11     | 11     |
| A01_003      | 11   | 1       | 50      | 60        | 50      | 61        |  | 5           | 12     | 10     |
|              | 36   | 1       | 46      | 61        | 49      | 59        |  | 3           | 17     | 15     |
|              | 46   | 2       | 45      | 54        | 48      | 60        |  | 9           | 23     | 9      |
| A01_006      | 15   | 1       | 51      | 61        | 54      | 61        |  | 7           | 4      | 10     |
|              | 55   | 2       | 45      | 56        | 50      | 61        |  | 8           | 14     | 11     |
| A01_007      | 8.5  | 1:02 AI | 46      | 61        | 53      | 62        |  | 7           | 19     | 15     |
|              | 55   | 1       | 54      | 62        | 51      | 59        |  | 4           | 6      | 8      |
| A01_008      | 8    | 1       | 51      | 61        | 56      | 61        |  | 11          | 9      | 10     |
|              | 15   | 2       | 51      | 57        | 57      | 60        |  | 9           | 12     | 6      |
| A01_009      | 4    | 2       | 65      | 58        | 56      | 61        |  | 6           | 9      | -7     |
|              | 24   | 1       | 50      | 60        | 51      | 61        |  | 5           | 17     | 10     |
| A01_010      | 19   | 1       | 43      | 61        | 49      | 59        |  | 5           | 3      | 18     |
|              | 29   | 2       | 40      | 53        | 44      | 57        |  | 6           | 5      | 13     |
| A01_011      | 57   | 1:02 AI | 49      | 59        | 57      | 62        |  | 9           | 9      | 10     |
| A02_001      | 2    | 1:02 AI | 53      | 57        | 57      | 59        |  | 2           | 8      | 4      |
|              | 13   | 1:02 AI | 49      | 57        | 58      | 61        |  | 9           | 6      | 8      |
|              | 25   | 1:02 AI | 50      | 61        | 58      | 66        |  | 4           | 9      | 11     |
|              | 43   | 2       | 50      | 62        | 56      | 69        |  | 6           | 5      | 12     |
|              | 54   | 2       | 48      | 64        | 51      | 68        |  | 2           | 12     | 16     |
| A03_031      | 22   | 1       | 48      | 55        | 48      | 56        |  | 2           | 6      | 7      |
| A03_038      | 16   | 1       | 42      | 56        | 45      | 54        |  | 3           | 5      | 14     |
| A04_002      | 19   | 2       | 46      | 61        | 46      | 66        |  | 11          | 13     | 15     |
|              | 22   | 2       | 48      | 58        | 48      | 60        |  | 3           | 16     | 10     |

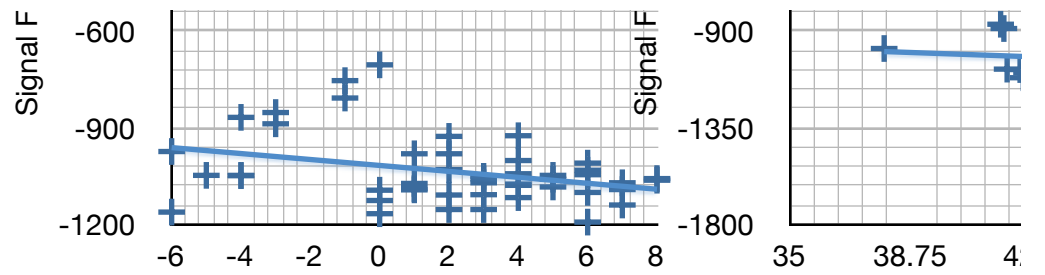
|                |      |      |         |           |         |           | Signal Diff |        |        |
|----------------|------|------|---------|-----------|---------|-----------|-------------|--------|--------|
|                | Time | Chan | F3 peak | F3 trough | F4 peak | F4 trough | F1 t-p      | F2 t-p | F3 t-p |
|                | 25   | 2    | 51      | 57        | 56      | 64        | 12          | 20     | 6      |
|                | 36   | 2    | 41      | 58        | 51      | 65        | 22          | 28     | 17     |
|                | 38   | 2    | 48      | 59        | 47      | 61        | 7           | 14     | 11     |
|                | 45   | 2    | 51      | 60        | 39      | 63        | 3           | 15     | 9      |
| A04_003        | 3    | 2    | 50      | 59        | 50      | 61        | 3           | 14     | 9      |
|                | 5    | 2    | 43      | 59        | 48      | 62        | 7           | 16     | 16     |
|                | 7    | 2    | 47      | 60        | 45      | 64        | 9           | 18     | 13     |
|                | 11   | 2    | 53      | 58        | 57      | 63        | 4           | 14     | 5      |
|                | 16   | 2    | 46      | 58        | 49      | 63        | 3           | 17     | 12     |
|                | 26   | 2    | 51      | 58        | 54      | 63        | 3           | 7      | 7      |
|                | 36   | 2    | 46      | 58        | 48      | 63        | 3           | 15     | 12     |
|                | 42   | 2    | 47      | 57        | 47      | 62        | 2           | 11     | 10     |
|                | 56   | 2    | 47      | 59        | 47      | 63        | 5           | 17     | 12     |
| A04_004        | 3    | 2    | 46      | 57        | 50      | 62        | 8           | 10     | 11     |
| AC1_016 (5.19) | 11   | 4    | 55      | 60        | 54      | 68        | 7           | 12     | 5      |
|                | 47   | 4    | 51      | 59        | 51      | 69        | 10          | 5      | 8      |
|                | 53   | 4    | 57      | 50        | 60      | 66        | 9           | 8      | -7     |
| AC1_017        | 43   | 3    | 50      | 58        | 50      | 57        | 3           | 13     | 8      |
|                | 58   | 3    | 47      | 58        | 43      | 58        | 5           | 17     | 11     |
| AC1_008 (5.14) | 35   | 3    | 47      | 56        | 44      | 54        | 6           | 12     | 9      |
| AC1_013 (5.14) | 7    | 4    | 52      | 62        | 53      | 70        | 4           | 13     | 10     |
| AC2_000 (5.14) | 10   | 4    | 44      | 58        | 49      | 66        | 1           | 6      | 14     |
|                | 20   | 1    | 51      | 58        | 55      | 58        | 10          | 12     | 7      |
|                | 36   | 2    | 54      | 63        | 53      | 61        | 2           | 11     | 9      |
|                | 48   | 1    | 53      | 59        | 49      | 58        | 4           | 14     | 6      |
| AC2_005 (5.14) | 13   | 4    | 49      | 58        | 54      | 61        | 4           | 7      | 9      |
|                | 16   | 3    | 53      | 58        | 50      | 57        | 4           | 4      | 5      |
|                | 26   | 4    | 50      | 58        | 52      | 64        | 3           | 10     | 8      |
| AC2_009 (5.14) | 4    | 4    | 52      | 58        | 49      | 56        | 4           | 7      | 6      |
| AC2_013 (5.14) | 47   | 4    | 50      | 55        | 47      | 60        | 4           | 11     | 5      |
| AC2_014        | 10   | 2    | 54      | 63        | 56      | 58        | 9           | 7      | 9      |
|                | 50   | 2    | 43      | 62        | 44      | 61        | 13          | 23     | 19     |
|                | 51   | 2    | 53      | 63        | 52      | 59        | 14          | 11     | 10     |
|                | 59   | 1    | 52      | 60        | 48      | 59        | 21          | 18     | 8      |

|                | Time | Chan | F3 peak | F3 trough | F4 peak | F4 trough | Signal Diff |        |        |
|----------------|------|------|---------|-----------|---------|-----------|-------------|--------|--------|
|                |      |      |         |           |         |           | F1 t-p      | F2 t-p | F3 t-p |
| AC2_015        | 1    | 1    | 51      | 59        | 47      | 57        | 15          | 10     | 8      |
|                | 11   | 3    | 48      | 57        | 40      | 56        | 14          | 12     | 9      |
|                | 21   | 1    | 49      | 61        | 45      | 58        | 1           | 7      | 12     |
| AC2_016        | 57   | 3    | 45      | 59        | 44      | 57        | 1           | 16     | 14     |
| AC2_017        | 23   | 3    | 49      | 61        | 50      | 58        | 5           | 21     | 12     |
|                | 20   | 2    | 62      | 67        | 55      | 63        | 12          | 15     | 5      |
|                | 29   | 3    | 42      | 60        | 42      | 58        | 3           | 6      | 18     |
| AC1_013 (5.15) | 42   | 3    | 51      | 57        | 51      | 58        | 5           | 8      | 6      |
| AC1_015        | 27   | 3    | 51      | 57        | 52      | 56        | 4           | 7      | 6      |
| AC1_016 (5.15) | 11   | 3    | 52      | 59        | 50      | 59        | 1           | 3      | 7      |
|                | 16   | 3    | 52      | 58        | 53      | 57        | 3           | 3      | 6      |
|                | 20   | 3    | 53      | 58        | 49      | 57        | 3           | 6      | 5      |
|                | 42   | 3    | 50      | 55        | 45      | 57        | 4           | 7      | 5      |
| AC1_019 (5.15) | 30   | 3    | 58      | 62        | 53      | 58        | 6           | 7      | 4      |
|                | 34   | 3    | 53      | 57        | 47      | 57        | 3           | 3      | 4      |
|                | 48   | 3    | 55      | 56        | 49      | 54        | 4           | 1      | 1      |
| A04_004 (5.18) | 5    | 2    | 46      | 57        | 48      | 62        | 10          | 12     | 11     |
|                | 17   | 1    | 48      | 61        | 45      | 58        | 2           | 9      | 13     |
|                | 20   | 2    | 48      | 56        | 47      | 57        | 5           | 8      | 8      |
|                | 39   | 2    | 51      | 56        | 45      | 63        | 1           | 10     | 5      |
|                | 59   | 2    | 57      | 58        | 54      | 66        | 3           | 13     | 1      |
| A04_005 (5.18) | 21   | 2    | 49      | 62        | 44      | 67        | 3           | 13     | 13     |
|                | 31   | 2    | 54      | 61        | 53      | 70        | 2           | 16     | 7      |
|                | 37   | 2    | 45      | 60        | 44      | 64        | 5           | 21     | 15     |
| A04_012 (5.18) | 28   | 1    | 47      | 57        | 51      | 56        | 5           | 8      | 10     |
| A04_015        | 33   | 1    | 57      | 62        | 58      | 60        | 1           | 8      | 5      |
| A04_019        | 47   | 1    | 62      | 66        | 60      | 65        | 3           | 8      | 4      |
| A04_021        | 48   | 1    | 61      | 64        | 56      | 64        | 1           | 5      | 3      |
| A05_000        | 9    | 1    | 51      | 57        | 50      | 57        | 3           | 5      | 6      |
|                | 15   | 2    | 50      | 58        | 56      | 61        | 1           | 6      | 8      |



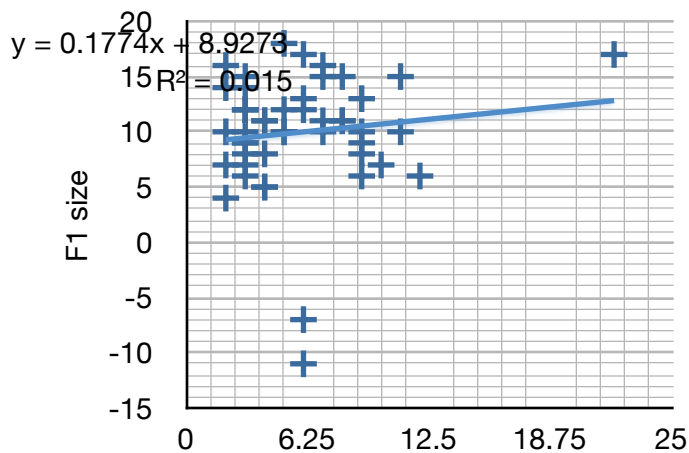


**Signal Diff 3 v 1**

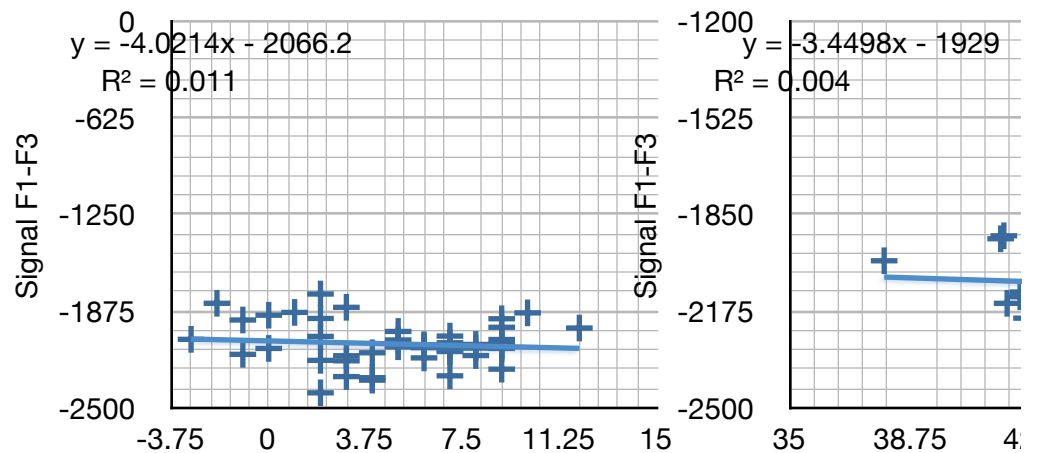


**Signal to Noise F1-F3**

**Signal F1**

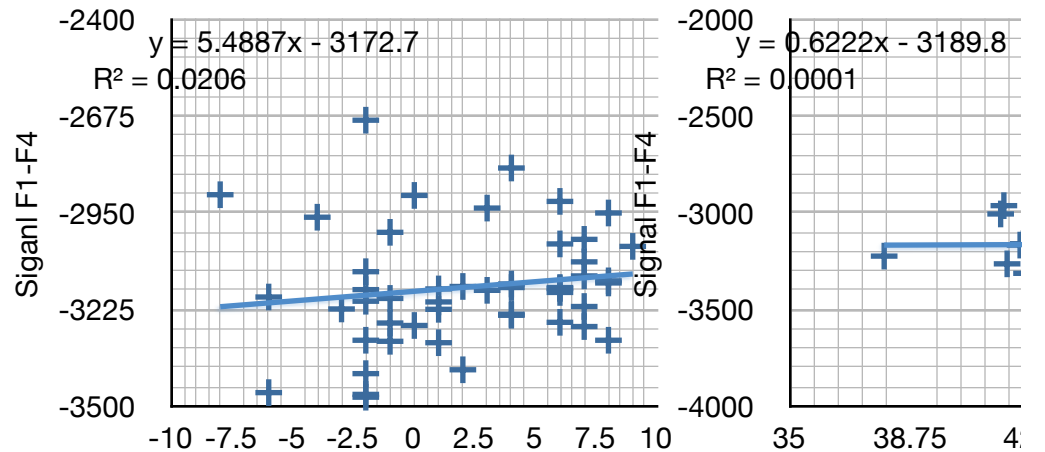
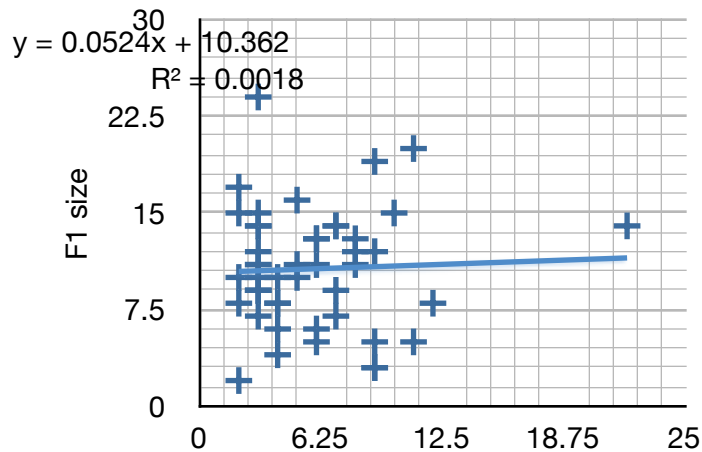


**Signal Diff 4 v 1**



**Signal to Noise F1-F4**

**Signal F1**



**Signal to Noise F1-F4**

**Signal F1**

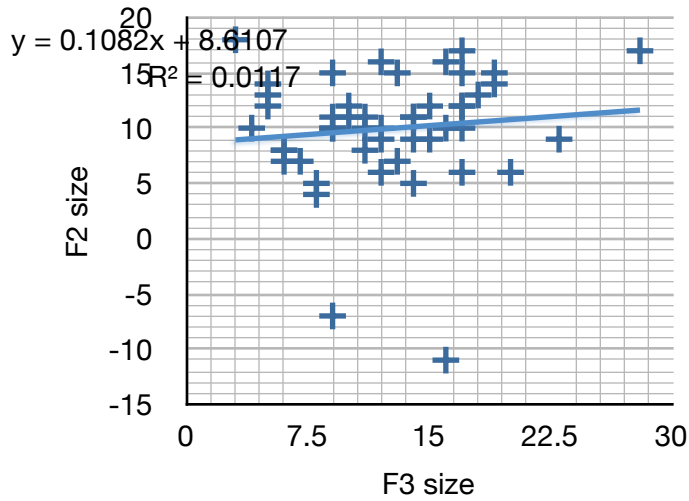


F4 size

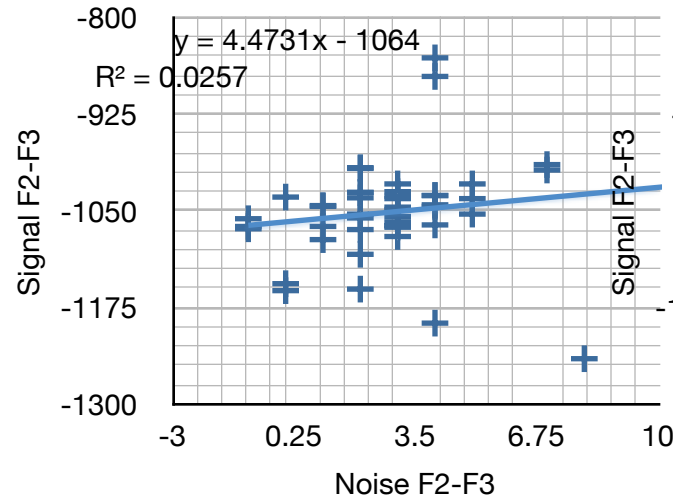
Noise F1-F4

Noise

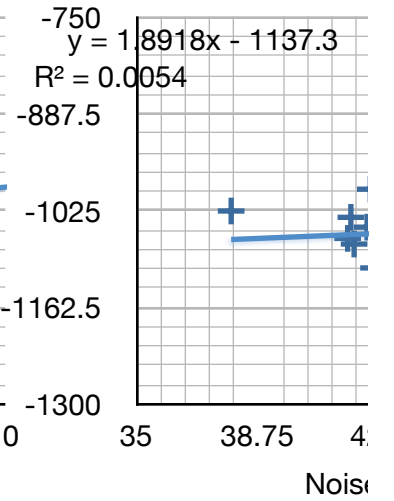
**Signal Diff 2 v 3**



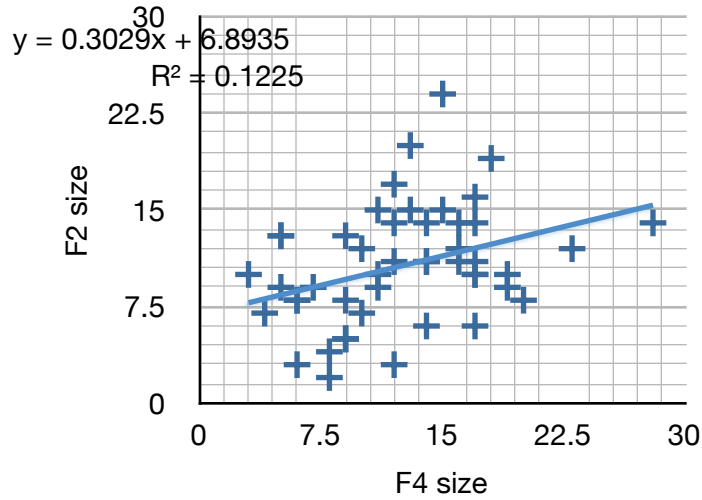
**Signal to Noise F2-F3**



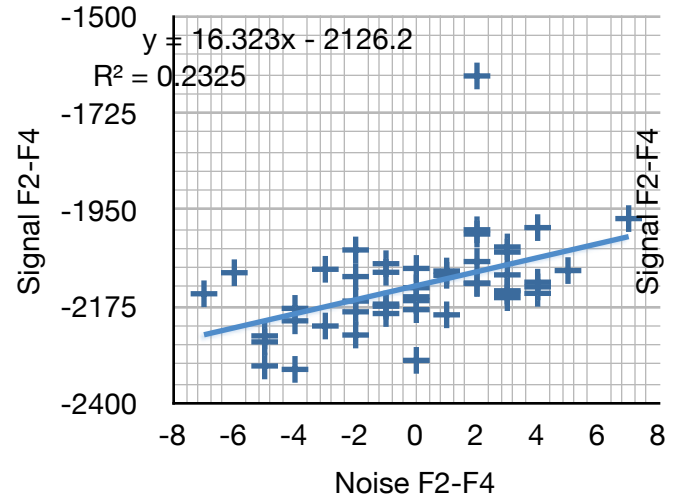
**Signal F2**



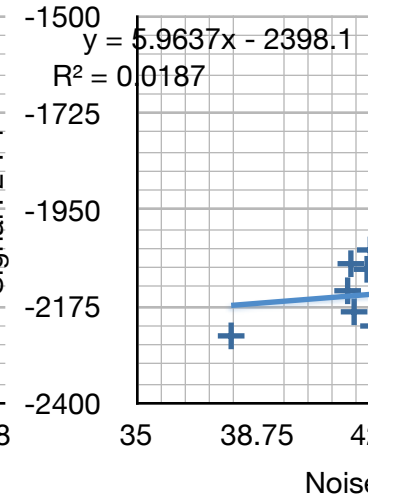
**Signal Diff 2 v 4**



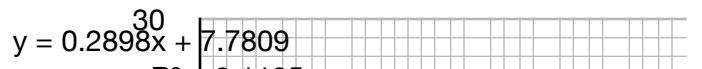
**Signal to Noise F2-F4**



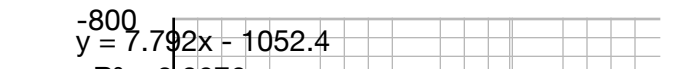
**Signal F2**



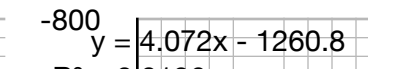
**Signal Diff 3 v 4**

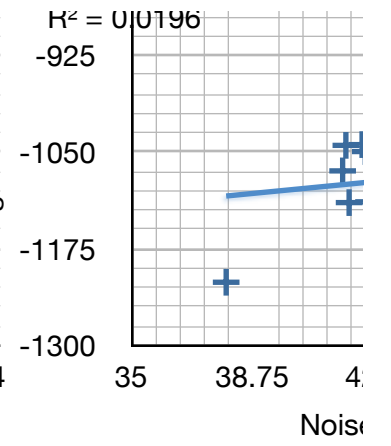
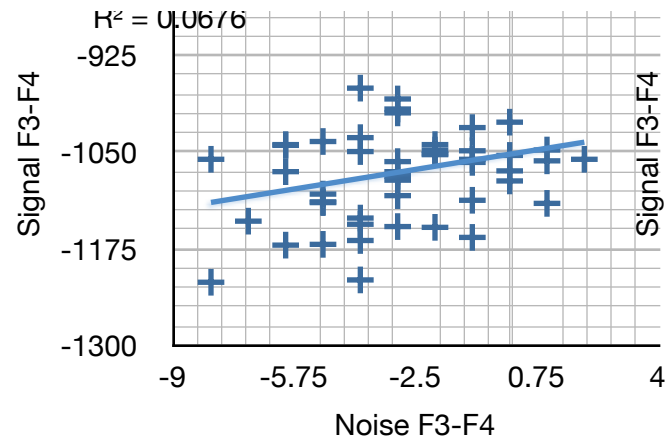
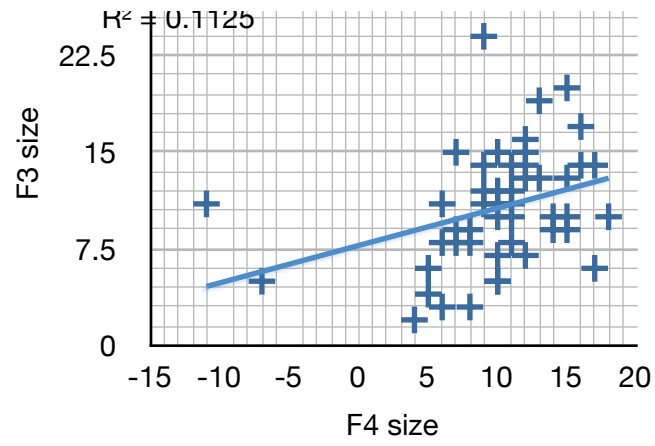


**Signal to Noise F3-F4**



**Signal F3**

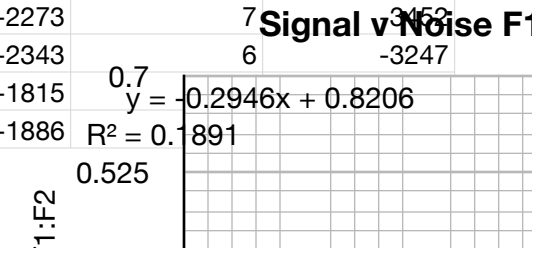
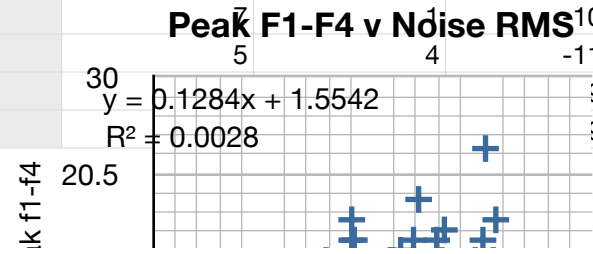


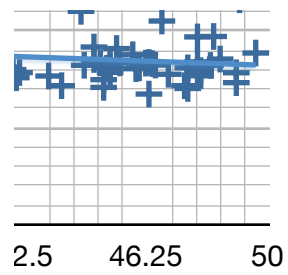


|              | Time | Chan    | F4 t-p | Noise<br>F1-F2 | Signal<br>F1-F2 | Noise<br>F1-F3 | Signal<br>F1-F3 | Noise<br>F1-F4 | Signal<br>F1-F4 |
|--------------|------|---------|--------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| May 18, 2009 | 0.7  | 2       | 10     | 4              | -924            | 9              | -1978           | 7              | -3025           |
| A01_000      | 0    | 2       | 9      | 2              | -1029           | 5              | -2060           | 1              | -3203           |
|              | 46   | 2       | 13     | 4              | -1001           | 7              | -2035           | 3              | -3170           |
|              | 50   | 2       | 14     | 1              | -980            | 12             | -1983           | 8              | -2950           |
| A01_001      | 1    | 2       | 11     | 6              | -1009           | 10             | -1885           | 9              | -3045           |
|              | 13   | 2       | 7      | 4              | -1042           | 9              | -2057           | 6              | -3038           |
|              | 22   | 2       | 15     | 2              | -926            | 9              | -1923           | 6              | -2917           |
|              | 41   | 1       | 6      | 0              | -1125           | 4              | -2320           | 1              | -3319           |
| A01_002      | 35   | 2       | 4      | 4              | -1116           | 6              | -2110           | 2              | -3159           |
|              | 40   | 2       | 11     | 4              | -1078           | 7              | -2126           | 1              | -3166           |
|              | 59   | 1       | 10     | -4             | -867            | -1             | -1931           | -1             | -3005           |
| A01_003      | 11   | 1       | 11     | -3             | -887            | 2              | -1921           | -4             | -2962           |
|              | 36   | 1       | 10     | 2              | -1108           | 3              | -2195           | 0              | -3270           |
|              | 46   | 2       | 12     | 1              | -1092           | 3              | -2198           | -2             | -3312           |
| A01_006      | 15   | 1       | 7      | -5             | -1047           | 2              | -2037           | -2             | -3201           |
|              | 55   | 2       | 11     | -4             | -1047           | 0              | -2115           | -2             | -3168           |
| A01_007      | 8.5  | 1:02 AI | 9      | -6             | -973            | -3             | -2056           | -2             | -3117           |
|              | 55   | 1       | 8      | -3             | -852            | 1              | -1882           | 0              | -2900           |
| A01_008      | 8    | 1       | 5      | -6             | -1161           | 2              | -2402           | -6             | -3461           |
|              | 15   | 2       | 3      | -4             | -1048           | 0              | -1900           | -2             | -2686           |
| A01_009      | 4    | 2       | 5      | 1              | -1088           | 3              | -2162           | -1             | -3193           |
|              | 24   | 1       | 10     | 3              | -1050           | 5              | -2104           | 4              | -3152           |
| A01_010      | 19   | 1       | 10     | 1              | -1072           | 4              | -2143           | 1              | -3224           |
|              | 29   | 2       | 13     | 1              | -1076           | 4              | -2148           | -1             | -3263           |
| A01_011      | 57   | 1:02 AI | 5      | 2              | -1153           | 4              | -2304           | -2             | -3474           |
| A02_001      | 2    | 1:02 AI | 2      | 5              | -1047           | 6              | -2091           | 4              | -3238           |
|              | 13   | 1:02 AI | 3      | 2              | -980            | 5              | -2005           | -3             | -3223           |
|              | 25   | 1:02 AI | 8      | 0              | -1166           | 2              | -2192           | -2             | -3407           |
|              | 43   | 2       | 13     | 0              | -1093           | -1             | -2153           | -6             | -3189           |
|              | 54   | 2       | 17     | -1             | -753            | -2             | -1823           | -8             | -2898           |
| A03_031      | 22   | 1       | 8      | -1             | -807            | 3              | -1849           | 3              | -2936           |
| A03_038      | 16   | 1       | 9      | 0              | -704            | 2              | -1763           | 4              | -2822           |
| A04_002      | 19   | 2       | 20     | 3              | -1153           | 3              | -2297           | -2             | -3466           |
|              | 22   | 2       | 12     | 8              | -1062           | 7              | -2135           | 4              | -3241           |

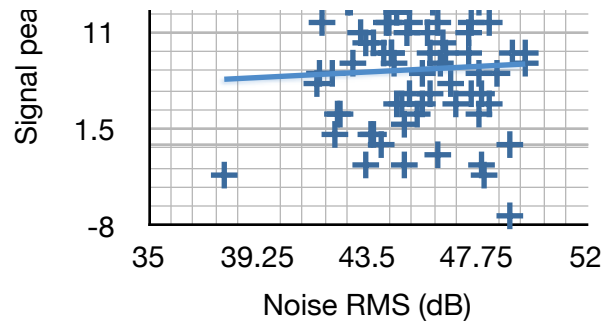
|                | Time | Chan | F4 t-p | Noise<br>F1-F2 | Signal<br>F1-F2 | Noise<br>F1-F3 | Signal<br>F1-F3 | Noise<br>F1-F4 | Signal<br>F1-F4 |
|----------------|------|------|--------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
|                | 25   | 2    | 8      | 3              | -1107           | 6              | -2176           | -1             | -3315           |
|                | 36   | 2    | 14     | 7              | -1139           | 7              | -2292           | 2              | -3396           |
|                | 38   | 2    | 14     | 5              | -1059           | 9              | -2089           | 7              | -3129           |
|                | 45   | 2    | 24     | 5              | -1083           | 7              | -2078           | 7              | -3089           |
| A04_003        | 3    | 2    | 11     | 7              | -1070           | 8              | -2113           | 6              | -3165           |
|                | 5    | 2    | 14     | 8              | -1057           | 8              | -2089           | 8              | -3143           |
|                | 7    | 2    | 19     | 3              | -1058           | 7              | -2102           | 8              | -3149           |
|                | 11   | 2    | 6      | 6              | -1100           | 9              | -2115           | 6              | -3261           |
|                | 16   | 2    | 14     | 7              | -1091           | 8              | -2161           | 7              | -3273           |
|                | 26   | 2    | 9      | 6              | -1192           | 9              | -2249           | 8              | -3312           |
|                | 36   | 2    | 15     | 6              | -1045           | 9              | -2090           | 6              | -3176           |
|                | 42   | 2    | 15     | 6              | -1031           | 9              | -2100           | 6              | -3162           |
|                | 56   | 2    | 16     | 3              | -1070           | 5              | -2103           | 4              | -3162           |
| A04_004        | 3    | 2    | 12     | 4              | -1074           | 6              | -2100           | 7              | -3216           |
| AC1_016 (5.19) | 11   | 4    | 14     | 4              | -1069           | 7              | -2135           | 1              | -3199           |
|                | 47   | 4    | 18     | 5              | -1063           | 6              | -2150           | -1             | -3207           |
|                | 53   | 4    | 6      | 3              | -1058           | 5              | -2096           | 0              | -3163           |
| AC1_017        | 43   | 3    | 7      | 3              | -1053           | 4              | -2106           | 7              | -3138           |
|                | 58   | 3    | 15     | 0              | -1297           | 2              | -2400           | -1             | -3492           |
| AC1_008 (5.14) | 35   | 3    | 10     | -3             | -786            | 3              | -1896           | 2              | -3014           |
| AC1_013 (5.14) | 7    | 4    | 17     | 0              | -1150           | -2             | -2290           | -9             | -3443           |
| AC2_000 (5.14) | 10   | 4    | 17     | 0              | -822            | -2             | -1846           | -7             | -2863           |
|                | 20   | 1    | 3      | -7             | -1570           | 0              | -2632           | -2             | -4262           |
|                | 36   | 2    | 8      | 0              | -1020           | 13             | -2030           | 7              | -3092           |
|                | 48   | 1    | 9      | 4              | -1029           | 8              | -2021           | 6              | -3023           |
| AC2_005 (5.14) | 13   | 4    | 7      | 2              | -1021           | 3              | -2037           | -5             | -3049           |
|                | 16   | 3    | 7      | -1             | -1128           | 7              | -2319           | 5              | -3332           |
|                | 26   | 4    | 12     | 2              | -1093           | 7              | -2236           | -4             | -3188           |
| AC2_009 (5.14) | 4    | 4    | 7      | 1              | -984            | 5              | -1951           | 5              | -3104           |
| AC2_013 (5.14) | 47   | 4    | 13     | 0              | -1039           | 3              | -2104           | -5             | -3186           |
| AC2_014        | 10   | 2    | 2      | -1             | -1106           | 3              | -2030           | 7              | -3236           |
|                | 50   | 2    | 17     | 1              | -1147           | 6              | -2314           | 10             | -3474           |
|                | 51   | 2    | 7      | 2              | -1056           | 6              | -2109           | 8              | -3170           |
|                | 59   | 1    | 11     | 5              | -1140           | 12             | -2280           | 10             | -3406           |

|                | Time | Chan | F4 t-p | Noise<br>F1-F2 | Signal<br>F1-F2 | Noise<br>F1-F3 | Signal<br>F1-F3 | Noise<br>F1-F4 | Signal<br>F1-F4 |
|----------------|------|------|--------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| AC2_015        | 1    | 1    | 10     | 3              | -1082           | 9              | -2204           | 13             | -3237           |
|                | 11   | 3    | 16     | 1              | -1115           | 4              | -2170           | 10             | -3337           |
|                | 21   | 1    | 13     | 4              | -1111           | 9              | -2185           | 12             | -3282           |
| AC2_016        | 57   | 3    | 13     | 2              | -1117           | 6              | -2215           | 6              | -3367           |
| AC2_017        | 23   | 3    | 8      | -1             | -1100           | 4              | -2129           | 7              | -3178           |
|                | 20   | 2    | 8      | -1             | -1062           | 0              | -2149           | 7              | -3197           |
|                | 29   | 3    | 16     | 0              | -1015           | 4              | -2051           | 8              | -3080           |
| AC1_013 (5.15) | 42   | 3    | 7      | 10             | -1146           | 5              | -2102           | 6              | -3136           |
| AC1_015        | 27   | 3    | 4      | 6              | -1033           | 7              | -2096           | 8              | -3144           |
| AC1_016 (5.15) | 11   | 3    | 9      | 3              | -1043           | 7              | -2089           | 8              | -3108           |
|                | 16   | 3    | 4      | 5              | -1116           | 9              | -2153           | 7              | -3186           |
|                | 20   | 3    | 8      | 4              | -1017           | 8              | -2115           | 5              | -3117           |
|                | 42   | 3    | 12     | 4              | -1037           | 9              | -2214           | 3              | -3229           |
| AC1_019 (5.15) | 30   | 3    | 5      | 5              | -1009           | 2              | -2068           | 4              | -3168           |
|                | 34   | 3    | 10     | 5              | -1078           | 7              | -2136           | 6              | -3151           |
|                | 48   | 3    | 5      | 6              | -1214           | 9              | -2239           | 9              | -3057           |
| A04_004 (5.18) | 5    | 2    | 14     | 5              | -1090           | 6              | -2104           | 5              | -3238           |
|                | 17   | 1    | 13     | 4              | -1105           | 6              | -2155           | 7              | -3224           |
|                | 20   | 2    | 10     | 6              | -1091           | 7              | -2096           | 8              | -3140           |
|                | 39   | 2    | 18     | 5              | -1101           | 4              | -2137           | 4              | -3194           |
|                | 59   | 2    | 12     | 4              | -1051           | 5              | -2063           | 3              | -3117           |
| A04_005 (5.18) | 21   | 2    | 23     | 2              | -1074           | 4              | -2118           | 1              | -3176           |
|                | 31   | 2    | 17     | 5              | -991            | 6              | -2074           | 3              | -3130           |
|                | 37   | 2    | 20     | 3              | -1086           | 5              | -2194           | 4              | -3214           |
| A04_012 (5.18) | 28   | 1    | 5      | 8              | -1150           | 8              | -2156           | 9              | -3209           |
| A04_015        | 33   | 1    | 2      | 1              | -1063           | 6              | -2105           | 6              | -3244           |
| A04_019        | 47   | 1    | 5      | -1             | -876            | -1             | -2010           | -1             | -3029           |
| A04_021        | 48   | 1    | 8      | -1             | -901            | 3              | -1957           | 4              | -2998           |
| A05_000        | 9    | 1    | 7      | 1              | -1096           | 6              | -2273           | 7              | -3153           |
| F2 v RMS       | 15   | 2    | 5      | 4              | -1187           | 7              | -2343           | 6              | -3247           |
|                |      | 1    |        |                | 912             | 9              | -1815           |                |                 |
|                |      | 2    |        |                | 930             | 11             | -1886           |                |                 |

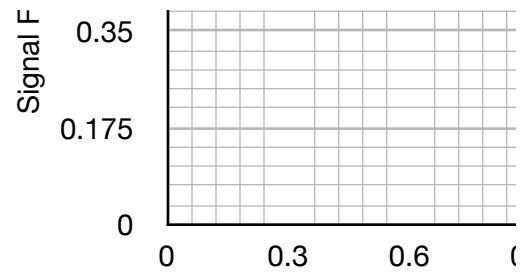




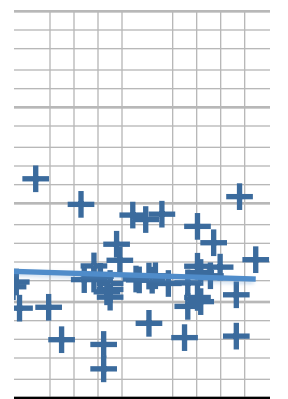
Signal peak  
RMS  
**-F3 v RMS**



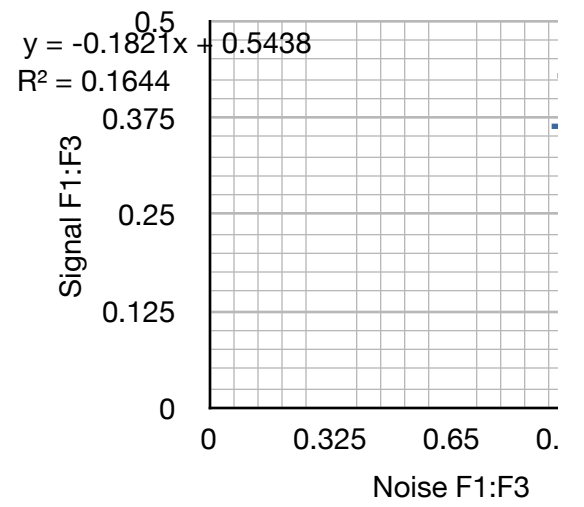
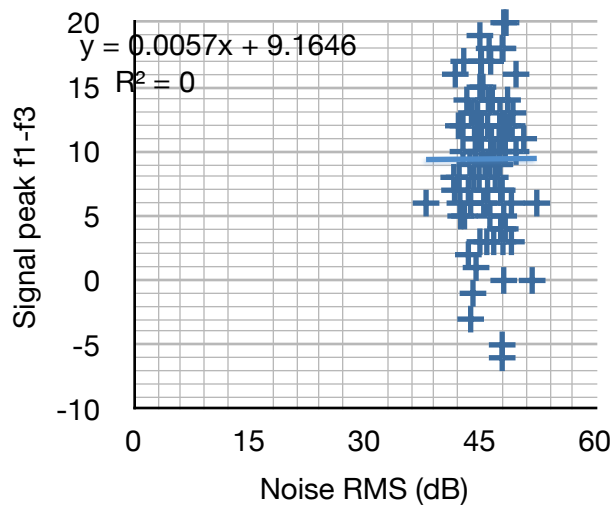
Signal peak  
Noise RMS (dB)  
**Peak F1-F3 v Noise RMS**



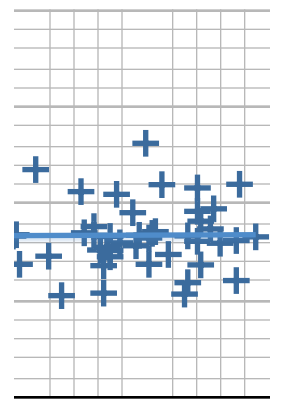
Signal F  
Noise F1:F2  
**Signal v Noise F1**



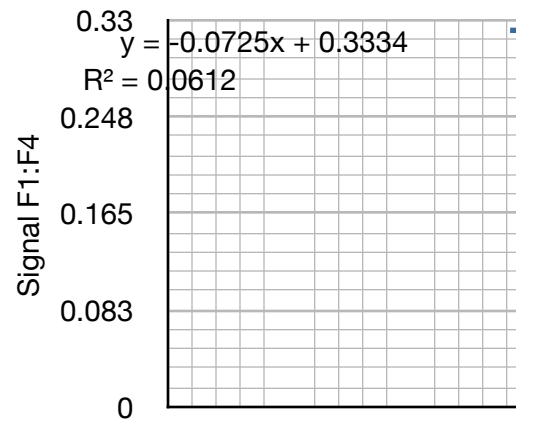
Signal peak f1-f3  
RMS  
**-F4 v RMS**



Signal F1:F3  
Noise F1:F3  
**Signal v Noise F1**



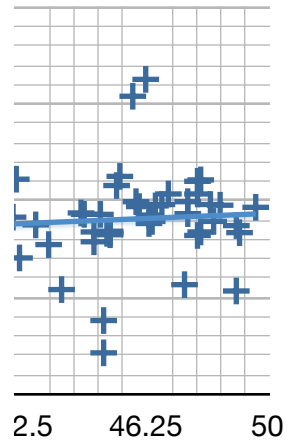
Signal peak f1-f3  
RMS



Signal F1:F4  
Noise F1:F4  
**Signal v Noise F1**

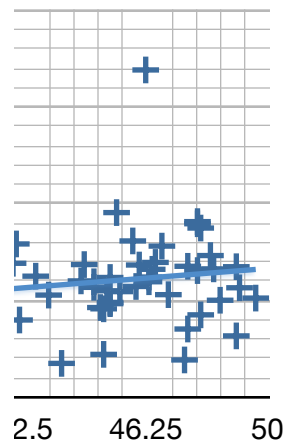
σ RMS

### -F3 v RMS



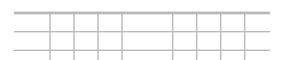
σ RMS

### -F4 v RMS



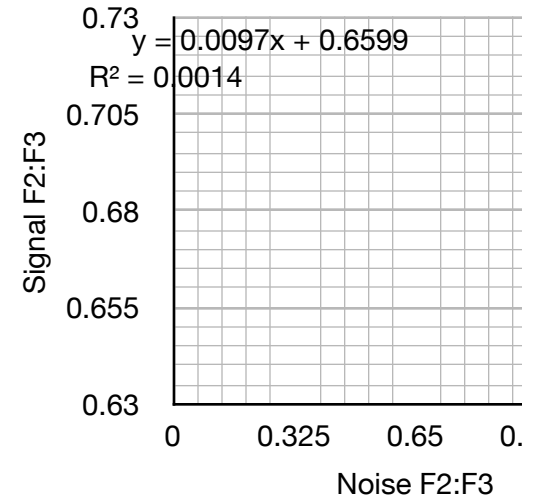
σ RMS

### I F3-F4

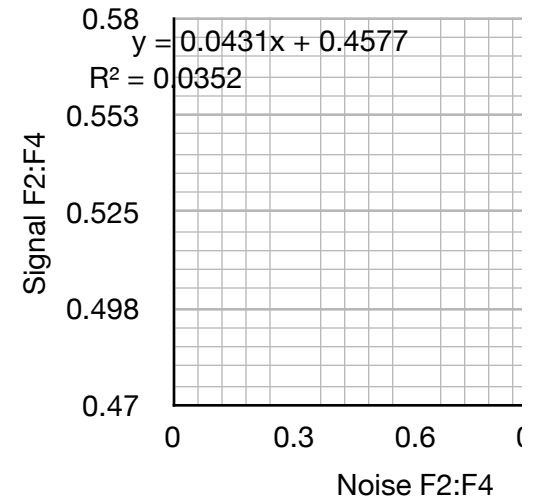


0 0.3 0.6 ( )  
Noise F1:F4

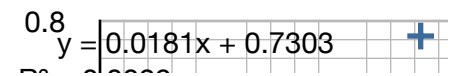
### Signal v Noise F2

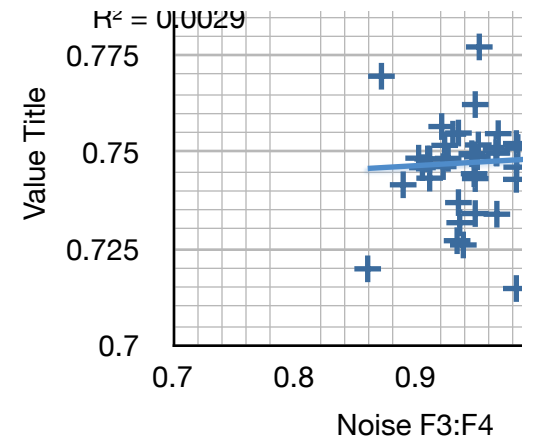
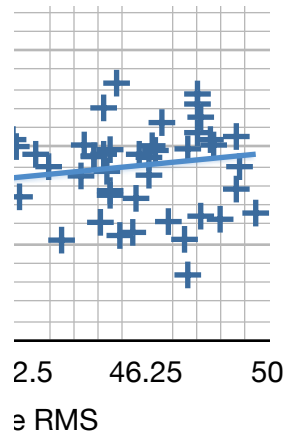


### Signal v Noise F2



### Signal v Noise F3



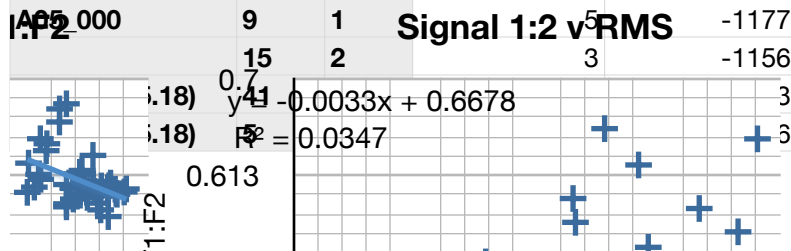


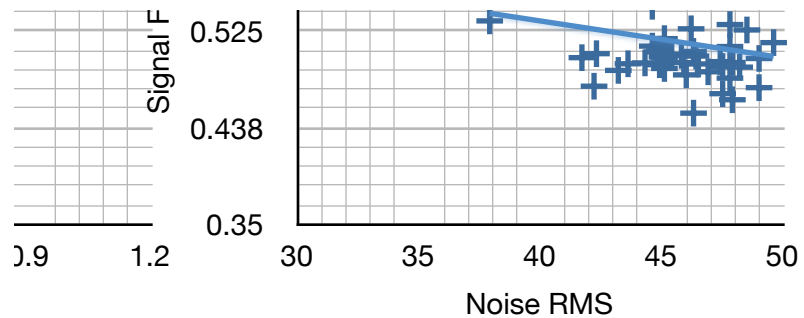


|              | Time | Chan    | Noise<br>F2-F3 | Signal<br>F2-F3 | Noise<br>F2-F4 | Signal<br>F2-F4 | Noise<br>F3-F4 | Signal<br>F3-F4 | Noise<br>F1:F2 |
|--------------|------|---------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| May 18, 2009 | 0.7  | 2       | 5              | -1054           | 3              | -2101           | -2             | -1047           | 1.0655737705   |
| A01_000      | 0    | 2       | 3              | -1031           | -1             | -2174           | -4             | -1143           | 1.0333333333   |
|              | 46   | 2       | 3              | -1034           | -1             | -2169           | -4             | -1135           | 1.0655737705   |
|              | 50   | 2       | 11             | -1003           | 7              | -1970           | -4             | -967            | 1.015625       |
| A01_001      | 1    | 2       | 4              | -876            | 3              | -2036           | -1             | -1160           | 1.1016949153   |
|              | 13   | 2       | 5              | -1015           | 2              | -1996           | -3             | -981            | 1.0666666667   |
|              | 22   | 2       | 7              | -997            | 4              | -1991           | -3             | -994            | 1.0327868852   |
|              | 41   | 1       | 4              | -1195           | 1              | -2194           | -3             | -999            | 1              |
| A01_002      | 35   | 2       | 2              | -994            | -2             | -2043           | -4             | -1049           | 1.0769230769   |
|              | 40   | 2       | 3              | -1048           | -3             | -2088           | -6             | -1040           |                |
|              | 59   | 1       | 3              | -1064           | 3              | -2138           | 0              | -1074           | 0.935483871    |
| A01_003      | 11   | 1       | 5              | -1034           | -1             | -2075           | -6             | -1041           | 0.95           |
|              | 36   | 1       | 1              | -1087           | -2             | -2162           | -3             | -1075           | 1.0338983051   |
|              | 46   | 2       | 2              | -1106           | -3             | -2220           | -5             | -1114           | 1.0188679245   |
| A01_006      | 15   | 1       | 7              | -990            | 3              | -2154           | -4             | -1164           | 0.9206349206   |
|              | 55   | 2       | 4              | -1068           | 2              | -2121           | -2             | -1053           | 0.9365079365   |
| A01_007      | 8.5  | 1:02 AI | 3              | -1083           | 4              | -2144           | 1              | -1061           | 0.90625        |
|              | 55   | 1       | 4              | -1030           | 3              | -2048           | -1             | -1018           | 0.9516129032   |
| A01_008      | 8    | 1       | 8              | -1241           | 0              | -2300           | -8             | -1059           | 0.9032258065   |
|              | 15   | 2       | 4              | -852            | 2              | -1638           | -2             | -786            | 0.9310344828   |
| A01_009      | 4    | 2       | 2              | -1074           | -2             | -2105           | -4             | -1031           | 1.0169491525   |
|              | 24   | 1       | 2              | -1054           | 1              | -2102           | -1             | -1048           | 1.0491803279   |
| A01_010      | 19   | 1       | 3              | -1071           | 0              | -2152           | -3             | -1081           | 1.0166666667   |
|              | 29   | 2       | 3              | -1072           | -2             | -2187           | -5             | -1115           | 1.0185185185   |
| A01_011      | 57   | 1:02 AI | 2              | -1151           | -4             | -2321           | -6             | -1170           | 1.0338983051   |
| A02_001      | 2    | 1:02 AI | 1              | -1044           | -1             | -2191           | -2             | -1147           | 1.0862068966   |
|              | 13   | 1:02 AI | 3              | -1025           | -5             | -2243           | -8             | -1218           | 1.0384615385   |
|              | 25   | 1:02 AI | 2              | -1026           | -2             | -2241           | -4             | -1215           | 1              |
|              | 43   | 2       | -1             | -1060           | -6             | -2096           | -5             | -1036           | 1              |
|              | 54   | 2       | -1             | -1070           | -7             | -2145           | -6             | -1075           | 0.9830508475   |
| A03_031      | 22   | 1       | 4              | -1042           | 4              | -2129           | 0              | -1087           | 0.9827586207   |
| A03_038      | 16   | 1       | 2              | -1059           | 4              | -2118           | 2              | -1059           | 1              |
| A04_002      | 19   | 2       | 0              | -1144           | -5             | -2313           | -5             | -1169           | 1.0508474576   |
|              | 22   | 2       | -1             | -1073           | -4             | -2179           | -3             | -1106           | 1.1481481481   |

|                |      |      | Noise | Signal | Noise | Signal | Noise | Signal | Noise        |
|----------------|------|------|-------|--------|-------|--------|-------|--------|--------------|
|                | Time | Chan | F2-F3 | F2-F3  | F2-F4 | F2-F4  | F3-F4 | F3-F4  | F1:F2        |
|                | 25   | 2    | 3     | -1069  | -4    | -2208  | -7    | -1139  | 1.0508474576 |
|                | 36   | 2    | 0     | -1153  | -5    | -2257  | -5    | -1104  | 1.1206896552 |
|                | 38   | 2    | 4     | -1030  | 2     | -2070  | -2    | -1040  | 1.0819672131 |
|                | 45   | 2    | 2     | -995   | 2     | -2006  | 0     | -1011  | 1.0847457627 |
| A04_003        | 3    | 2    | 1     | -1043  | -1    | -2095  | -2    | -1052  | 1.1228070175 |
|                | 5    | 2    | 0     | -1032  | 0     | -2086  | 0     | -1054  | 1.1428571429 |
|                | 7    | 2    | 4     | -1044  | 5     | -2091  | 1     | -1047  | 1.0526315789 |
|                | 11   | 2    | 3     | -1015  | 0     | -2161  | -3    | -1146  | 1.1034482759 |
|                | 16   | 2    | 1     | -1070  | 0     | -2182  | -1    | -1112  | 1.125        |
|                | 26   | 2    | 3     | -1057  | 2     | -2120  | -1    | -1063  | 1.1034482759 |
|                | 36   | 2    | 3     | -1045  | 0     | -2131  | -3    | -1086  | 1.1052631579 |
|                | 42   | 2    | 3     | -1069  | 0     | -2131  | -3    | -1062  | 1.1090909091 |
|                | 56   | 2    | 2     | -1033  | 1     | -2092  | -1    | -1059  | 1.0517241379 |
| A04_004        | 3    | 2    | 2     | -1026  | 3     | -2142  | 1     | -1116  | 1.0689655172 |
| AC1_016 (5.19) | 11   | 4    | 3     | -1066  | -3    | -2130  | -6    | -1064  | 1.0666666667 |
|                | 47   | 4    | 1     | -1087  | -6    | -2144  | -7    | -1057  | 1.0862068966 |
|                | 53   | 4    | 2     | -1038  | -3    | -2105  | -5    | -1067  | 1.05         |
| AC1_017        | 43   | 3    | 1     | -1053  | 4     | -2085  | 3     | -1032  | 1.0508474576 |
|                | 58   | 3    | 2     | -1103  | -1    | -2195  | -3    | -1092  | 1            |
| AC1_008 (5.14) | 35   | 3    | 6     | -1110  | 5     | -2228  | -1    | -1118  | 0.9482758621 |
| AC1_013 (5.14) | 7    | 4    | -2    | -1140  | -9    | -2293  | -7    | -1153  | 1            |
| AC2_000 (5.14) | 10   | 4    | -2    | -1024  | -7    | -2041  | -5    | -1017  | 1            |
|                | 20   | 1    | 7     | -1062  | 5     | -2692  | -2    | -1630  | 0.8813559322 |
|                | 36   | 2    | 13    | -1010  | 7     | -2072  | -6    | -1062  | 1            |
|                | 48   | 1    | 4     | -992   | 2     | -1994  | -2    | -1002  | 1.0666666667 |
| AC2_005 (5.14) | 13   | 4    | 1     | -1016  | -7    | -2028  | -8    | -1012  | 1.0357142857 |
|                | 16   | 3    | 8     | -1191  | 6     | -2204  | -2    | -1013  | 0.9836065574 |
|                | 26   | 4    | 5     | -1143  | -6    | -2095  | -11   | -952   | 1.0350877193 |
| AC2_009 (5.14) | 4    | 4    | 4     | -967   | 4     | -2120  | 0     | -1153  | 1.0172413793 |
| AC2_013 (5.14) | 47   | 4    | 3     | -1065  | -5    | -2147  | -8    | -1082  | 1            |
| AC2_014        | 10   | 2    | 4     | -924   | 8     | -2130  | 4     | -1206  | 0.984375     |
|                | 50   | 2    | 5     | -1167  | 9     | -2327  | 4     | -1160  | 1.0158730159 |
|                | 51   | 2    | 4     | -1053  | 6     | -2114  | 2     | -1061  | 1.0317460317 |
|                | 59   | 1    | 7     | -1140  | 5     | -2266  | -2    | -1126  | 1.078125     |

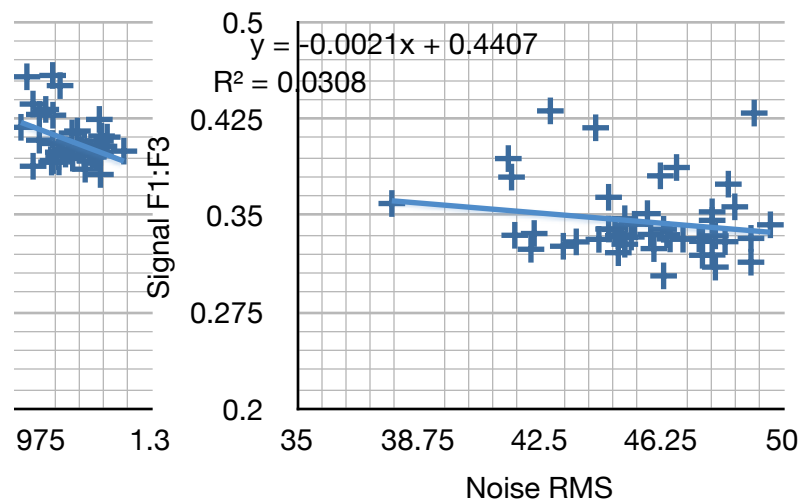
|                | Time | Chan | Noise<br>F2-F3 | Signal<br>F2-F3 | Noise<br>F2-F4 | Signal<br>F2-F4 | Noise<br>F3-F4 | Signal<br>F3-F4 | Noise<br>F1:F2 |
|----------------|------|------|----------------|-----------------|----------------|-----------------|----------------|-----------------|----------------|
| AC2_015        | 1    | 1    | 6              | -1122           | 10             | -2155           | 4              | -1033           | 1.0461538462   |
|                | 11   | 3    | 3              | -1055           | 9              | -2222           | 6              | -1167           | 1.0169491525   |
|                | 21   | 1    | 5              | -1074           | 8              | -2171           | 3              | -1097           | 1.0615384615   |
| AC2_016        | 57   | 3    | 4              | -1098           | 4              | -2250           | 0              | -1152           | 1.0327868852   |
| AC2_017        | 23   | 3    | 5              | -1029           | 8              | -2078           | 3              | -1049           | 0.9841269841   |
|                | 20   | 2    | 1              | -1087           | 8              | -2135           | 7              | -1048           | 0.9848484848   |
|                | 29   | 3    | 4              | -1036           | 8              | -2065           | 4              | -1029           | 1              |
| AC1_013 (5.15) | 42   | 3    | -5             | -956            | -4             | -1990           | 1              | -1034           | 1.1923076923   |
| AC1_015        | 27   | 3    | 1              | -1063           | 2              | -2111           | 1              | -1048           | 1.1071428571   |
| AC1_016 (5.15) | 11   | 3    | 4              | -1046           | 5              | -2065           | 1              | -1019           | 1.05           |
|                | 16   | 3    | 4              | -1037           | 2              | -2070           | -2             | -1033           | 1.0862068966   |
|                | 20   | 3    | 4              | -1098           | 1              | -2100           | -3             | -1002           | 1.0689655172   |
|                | 42   | 3    | 5              | -1177           | -1             | -2192           | -6             | -1015           | 1.0714285714   |
|                | 30   | 3    | -3             | -1059           | -1             | -2159           | 2              | -1100           | 1.0892857143   |
| AC1_019 (5.15) | 34   | 3    | 2              | -1058           | 1              | -2073           | -1             | -1015           | 1.0877192982   |
|                | 48   | 3    | 3              | -1025           | 3              | -1843           | 0              | -818            | 1.1052631579   |
|                | 5    | 2    | 1              | -1014           | 0              | -2148           | -1             | -1134           | 1.0877192982   |
| A04_004 (5.18) | 17   | 1    | 2              | -1050           | 3              | -2119           | 1              | -1069           | 1.0666666667   |
|                | 20   | 2    | 1              | -1005           | 2              | -2049           | 1              | -1044           | 1.1052631579   |
|                | 39   | 2    | -1             | -1036           | -1             | -2093           | 0              | -1057           | 1.0892857143   |
|                | 59   | 2    | 1              | -1012           | -1             | -2066           | -2             | -1054           | 1.0677966102   |
|                | 21   | 2    | 2              | -1044           | -1             | -2102           | -3             | -1058           | 1.0322580645   |
| A04_005 (5.18) | 31   | 2    | 1              | -1083           | -2             | -2139           | -3             | -1056           | 1.0819672131   |
|                | 37   | 2    | 2              | -1108           | 1              | -2128           | -1             | -1020           | 1.0491803279   |
|                | 28   | 1    | 0              | -1006           | 1              | -2059           | 1              | -1053           | 1.1403508772   |
| A04_015        | 33   | 1    | 5              | -1042           | 5              | -2181           | 0              | -1139           | 1.0153846154   |
| A04_019        | 47   | 1    | 0              | -1134           | 0              | -2153           | 0              | -1019           | 0.9841269841   |
| A04_021        | 48   | 1    | 4              | -1056           | 5              | -2097           | 1              | -1041           | 0.9850746269   |
| A05_000        | 9    | 1    | 5              | -1177           | 6              | -2356           | 1              | -1179           | 1.0163934426   |
|                | 15   | 2    | 3              | -1156           | 2              | -2060           | -1             | -904            | 1.0677966102   |
|                | 41   | 3    | 3              | -1156           | 5              | -1831           | -1             | -928            |                |
|                |      |      |                |                 | 6              | -1888           | -1             | -932            |                |





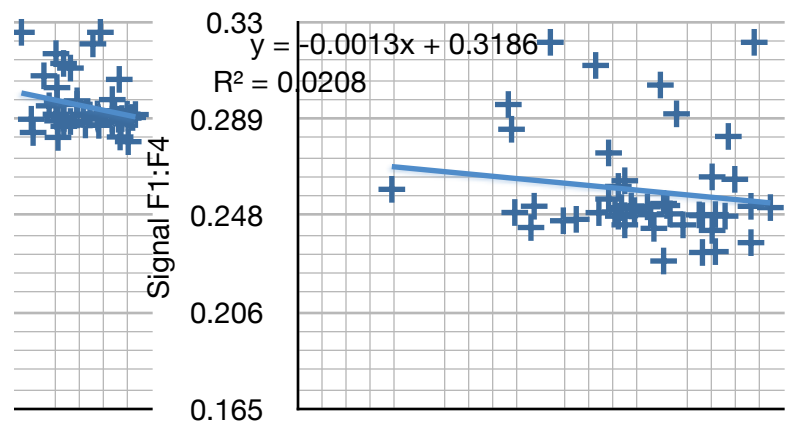
I:F3

Signal 1:3 v RMS



I:F4

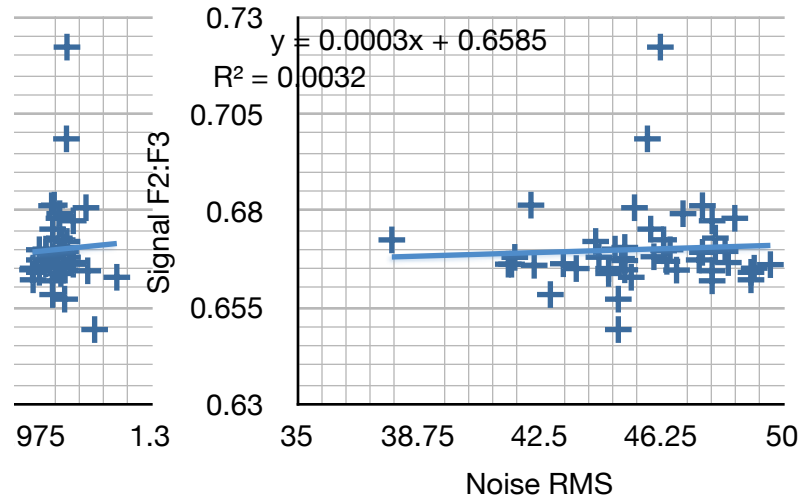
Signal 1:4 v RMS



0.9 1.2 35 38.75 42.5 46.25 50  
Noise RMS

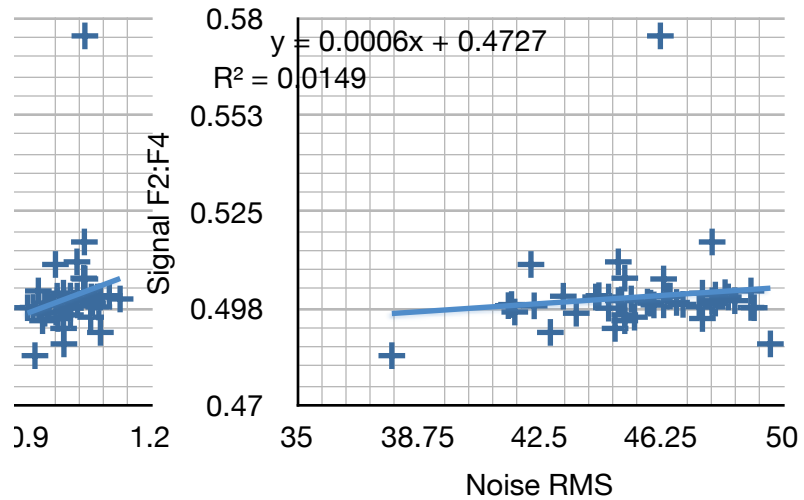
**2:F3**

**Signal 2:3 v RMS**



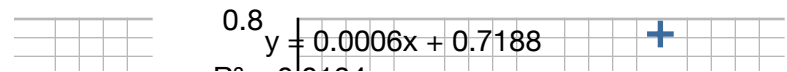
**2:F4**

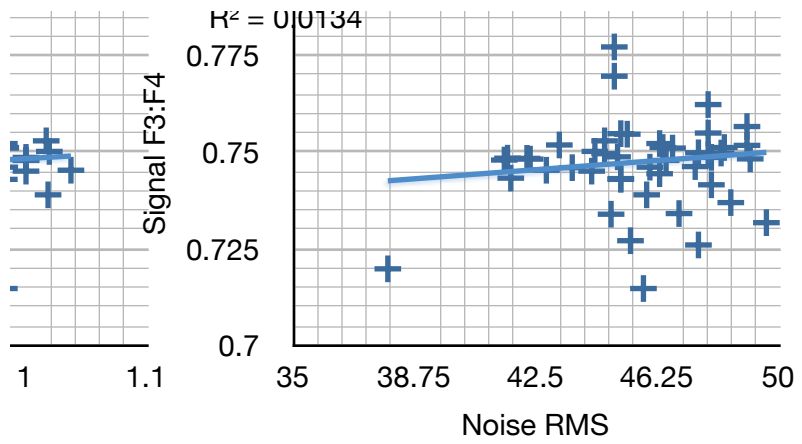
**Signal 2:4 v RMS**



**3:F4**

**Signal 3:4 v RMS**





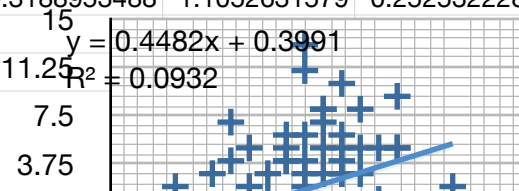
|              |      |         | Signal       | Noise        | Signal       | Noise        | Signal       | Noise        | Signal       |
|--------------|------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Time | Chan    | F1:F2        | F1:F3        | F1:F3        | F1:F4        | F1:F4        | F2:F3        | F2:F3        |
| May 18, 2009 | 0.7  | 2       | 0.5616698292 | 1.1607142857 | 0.3744465528 | 1.1206896552 | 0.281301972  | 1.0892857143 | 0.666666667  |
| A01_000      | 0    | 2       | 0.5262430939 | 1.0877192982 | 0.3568529504 | 1.0163934426 | 0.2630004602 | 1.0526315789 | 0.6781142679 |
|              | 46   | 2       | 0.5147842947 | 1.1206896552 | 0.342912496  | 1.0483870968 | 0.2509451796 | 1.0517241379 | 0.6661285115 |
|              | 50   | 2       | 0.5030425963 | 1.2264150943 | 0.3334453782 | 1.1403508772 | 0.2516489092 | 1.2075471698 | 0.6628571429 |
| A01_001      | 1    | 2       | 0.5032003939 | 1.1818181818 | 0.3515651875 | 1.1607142857 | 0.2512908778 | 1.0727272727 | 0.6986584107 |
|              | 13   | 2       | 0.5112570356 | 1.1636363636 | 0.3463616142 | 1.1034482759 | 0.2640503876 | 1.0909090909 | 0.6774706069 |
|              | 22   | 2       | 0.5311392405 | 1.1666666667 | 0.352960969  | 1.1052631579 | 0.264498235  | 1.1296296296 | 0.6645356662 |
|              | 41   | 1       | 0.5089480576 | 1.0677966102 | 0.3344807803 | 1.0161290323 | 0.2599777035 | 1.0677966102 | 0.6572002295 |
| A01_002      | 35   | 2       | 0.4753173484 | 1.12         | 0.3239346363 | 1.037037037  | 0.2424460432 | 1.04         | 0.6815123358 |
|              | 40   | 2       |              | 1.1428571429 |              |              |              |              |              |
|              | 59   | 1       | 0.5918079096 | 0.9830508475 | 0.3942910916 | 0.9830508475 | 0.2949319568 | 1.0508474576 | 0.6662484316 |
| A01_003      | 11   | 1       | 0.570251938  | 1.0363636364 | 0.3799225307 | 0.9344262295 | 0.2843682049 | 1.0909090909 | 0.6662362815 |
|              | 36   | 1       | 0.4896361124 | 1.0517241379 | 0.3262737876 | 1            | 0.2453265636 | 1.0172413793 | 0.6663597299 |
|              | 46   | 2       | 0.5047619048 | 1.0588235294 | 0.3361522199 | 0.9642857143 | 0.2515254237 | 1.0392156863 | 0.665961945  |
| A01_006      | 15   | 1       | 0.5042613636 | 1.0357142857 | 0.3433268859 | 0.9666666667 | 0.2496483826 | 1.125        | 0.6808510638 |
|              | 55   | 2       | 0.518399264  | 1            | 0.3476249229 | 0.9672131148 | 0.2623981374 | 1.0677966102 | 0.6705737199 |
| A01_007      | 8.5  | 1:02 AI | 0.5476522548 | 0.9508196721 | 0.3642547928 | 0.9666666667 | 0.2742724098 | 1.0491803279 | 0.6651205937 |
|              | 55   | 1       | 0.582761998  | 1.0172413793 | 0.3873697917 | 1            | 0.2909535452 | 1.0689655172 | 0.6647135417 |
| A01_008      | 8    | 1       | 0.4947780679 | 1.037037037  | 0.3212771969 | 0.9032258065 | 0.2472814267 | 1.1481481481 | 0.6493359706 |
|              | 15   | 2       | 0.5272891295 | 1            | 0.3809058325 | 0.9642857143 | 0.3032425422 | 1.0740740741 | 0.7223851417 |
| A01_009      | 4    | 2       | 0.4826438421 | 1.0526315789 | 0.3194837897 | 0.9836065574 | 0.2412072243 | 1.0350877193 | 0.6619452314 |
|              | 24   | 1       | 0.5026054003 | 1.0847457627 | 0.3352290679 | 1.0666666667 | 0.2518395443 | 1.0338983051 | 0.6669826224 |
| A01_010      | 19   | 1       | 0.5018587361 | 1.0701754386 | 0.3350915296 | 1.0166666667 | 0.250929368  | 1.0526315789 | 0.6677008998 |
|              | 29   | 2       | 0.5011590172 | 1.0784313725 | 0.3347785692 | 0.9821428571 | 0.2488489871 | 1.0588235294 | 0.6680086714 |
| A01_011      | 57   | 1:02 AI | 0.4956255468 | 1.0701754386 | 0.3296479488 | 0.9682539683 | 0.2459301064 | 1.0350877193 | 0.6651149258 |
| A02_001      | 2    | 1:02 AI | 0.5063649222 | 1.1052631579 | 0.3393364929 | 1.0677966102 | 0.2490723562 | 1.0175438596 | 0.6701421801 |
|              | 13   | 1:02 AI | 0.5344418052 | 1.1020408163 | 0.3594249201 | 0.9473684211 | 0.2587396504 | 1.0612244898 | 0.6725239617 |
|              | 25   | 1:02 AI | 0.4685505925 | 1.0327868852 | 0.3192546584 | 0.9692307692 | 0.2317925592 | 1.0327868852 | 0.6813664596 |
|              | 43   | 2       | 0.4740134745 | 0.9833333333 | 0.3138942001 | 0.9076923077 | 0.235984667  | 0.9833333333 | 0.6622052263 |
|              | 54   | 2       | 0.6458137347 | 0.9666666667 | 0.4295994994 | 0.8787878788 | 0.3214703816 | 0.9833333333 | 0.6652065081 |
| A03_031      | 22   | 1       | 0.6221910112 | 1.0555555556 | 0.4181875393 | 1.0555555556 | 0.3116060961 | 1.0740740741 | 0.6721208307 |
| A03_038      | 16   | 1       | 0.6550710436 | 1.0357142857 | 0.4312903226 | 1.0740740741 | 0.3214715076 | 1.0357142857 | 0.6583870968 |
| A04_002      | 19   | 2       | 0.4976034858 | 1.0508474576 | 0.3320732771 | 0.96875      | 0.2478298611 | 1            | 0.6673451585 |
|              | 22   | 2       | 0.5009398496 | 1.1272727273 | 0.333020931  | 1.0689655172 | 0.2475040632 | 0.9818181818 | 0.6647922524 |

|                |      |      | Signal       | Noise        | Signal        | Noise        | Signal       | Noise        | Signal       |
|----------------|------|------|--------------|--------------|---------------|--------------|--------------|--------------|--------------|
|                | Time | Chan | F1:F2        | F1:F3        | F1:F3         | F1:F4        | F1:F4        | F2:F3        | F2:F3        |
|                | 25   | 2    | 0.4968181818 | 1.1071428571 | 0.3343530132  | 0.9841269841 | 0.2479582577 | 1.0535714286 | 0.6729886816 |
|                | 36   | 2    | 0.5004385965 | 1.1206896552 | 0.3323623653  | 1.0317460317 | 0.2514877672 | 1            | 0.6641421497 |
|                | 38   | 2    | 0.4925730714 | 1.1578947368 | 0.329804299   | 1.1186440678 | 0.2472937214 | 1.0701754386 | 0.6695540584 |
|                | 45   | 2    | 0.4630639564 | 1.1228070175 | 0.3100929615  | 1.1228070175 | 0.232165051  | 1.0350877193 | 0.6696547145 |
| A04_003        | 3    | 2    | 0.4931312174 | 1.1428571429 | 0.3300570704  | 1.1034482759 | 0.2475035663 | 1.0178571429 | 0.6693088142 |
|                | 5    | 2    | 0.4954653938 | 1.1428571429 | 0.3319475536  | 1.1428571429 | 0.2482659651 | 1            | 0.6699712184 |
|                | 7    | 2    | 0.4964302713 | 1.1320754717 | 0.3316375199  | 1.1538461538 | 0.2488072519 | 1.0754716981 | 0.6680445151 |
|                | 11   | 2    | 0.488372093  | 1.1636363636 | 0.3317535545  | 1.1034482759 | 0.2435629784 | 1.0545454545 | 0.6793048973 |
|                | 16   | 2    | 0.4913752914 | 1.1454545455 | 0.3278382582  | 1.125        | 0.2435867807 | 1.0181818182 | 0.66718507   |
|                | 26   | 2    | 0.4509442653 | 1.1636363636 | 0.303283767   | 1.1428571429 | 0.2281519459 | 1.0545454545 | 0.6725526642 |
|                | 36   | 2    | 0.5068428504 | 1.1666666667 | 0.3394437421  | 1.1052631579 | 0.2527058824 | 1.0555555556 | 0.669721871  |
|                | 42   | 2    | 0.511605874  | 1.1730769231 | 0.3396226415  | 1.1090909091 | 0.2545968883 | 1.0576923077 | 0.663836478  |
|                | 56   | 2    | 0.4855769231 | 1.0892857143 | 0.32444458721 | 1.0701754386 | 0.2420901246 | 1.0357142857 | 0.6681657565 |
| A04_004        | 3    | 2    | 0.4967197751 | 1.1071428571 | 0.335443038   | 1.1272727273 | 0.2478952292 | 1.0357142857 | 0.6753164557 |
| AC1_016 (5.19) | 11   | 4    | 0.4964672633 | 1.1228070175 | 0.330511132   | 1.0158730159 | 0.2478250647 | 1.0526315789 | 0.6657259329 |
|                | 47   | 4    | 0.502340824  | 1.1052631579 | 0.3329196401  | 0.984375     | 0.2507009346 | 1.0175438596 | 0.6627365808 |
|                | 53   | 4    | 0.4906114588 | 1.0862068966 | 0.3271268058  | 1            | 0.243663319  | 1.0344827586 | 0.6667736758 |
| AC1_017        | 43   | 3    | 0.4959310675 | 1.0689655172 | 0.329726289   | 1.1272727273 | 0.2482031624 | 1.0172413793 | 0.6648631445 |
|                | 58   | 3    | 0.4099181074 | 1.0357142857 | 0.2729475916  | 0.9830508475 | 0.2050990212 | 1.0357142857 | 0.6658588307 |
| AC1_008 (5.14) | 35   | 3    | 0.643537415  | 1.0576923077 | 0.4280542986  | 1.0377358491 | 0.3200992556 | 1.1153846154 | 0.665158371  |
| AC1_013 (5.14) | 7    | 4    | 0.4978165939 | 0.9677419355 | 0.332361516   | 0.8695652174 | 0.2487453633 | 0.9677419355 | 0.667638484  |
| AC2_000 (5.14) | 10   | 4    | 0.5946745562 | 0.9661016949 | 0.3951507208  | 0.890625     | 0.2963873188 | 0.9661016949 | 0.6644823067 |
|                | 20   | 1    | 0.4713804714 | 1            | 0.3472222222  | 0.962962963  | 0.2472624514 | 1.1346153846 | 0.7366071429 |
|                | 36   | 2    | 0.4955489614 | 1.2653061224 | 0.330474934   | 1.1272727273 | 0.2447484123 | 1.2653061224 | 0.6668865435 |
|                | 48   | 1    | 0.499270073  | 1.1428571429 | 0.3367246472  | 1.1034482759 | 0.2533959002 | 1.0714285714 | 0.6744338694 |
| AC2_005 (5.14) | 13   | 4    | 0.495304004  | 1.0545454545 | 0.3297137216  | 0.9206349206 | 0.2473463342 | 1.0181818182 | 0.6656794998 |
|                | 16   | 3    | 0.4909747292 | 1.1320754717 | 0.3193425301  | 1.0909090909 | 0.2461538462 | 1.1509433962 | 0.6504255944 |
|                | 26   | 4    | 0.4812529663 | 1.1346153846 | 0.312         | 0.9365079365 | 0.2413136602 | 1.0961538462 | 0.6483076923 |
| AC2_009 (5.14) | 4    | 4    | 0.5463347165 | 1.0925925926 | 0.377869898   | 1.0925925926 | 0.2762881791 | 1.0740740741 | 0.6916454082 |
| AC2_013 (5.14) | 47   | 4    | 0.5147127511 | 1.0566037736 | 0.3437305053  | 0.9180327869 | 0.2569962687 | 1.0566037736 | 0.6678103556 |
| AC2_014        | 10   | 2    | 0.4826941066 | 1.05         | 0.3370346179  | 1.125        | 0.2417994377 | 1.0666666667 | 0.6982364468 |
|                | 50   | 2    | 0.4986888112 | 1.1034482759 | 0.3302460203  | 1.1851851852 | 0.2472372698 | 1.0862068966 | 0.6622286541 |
|                | 51   | 2    | 0.5          | 1.1016949153 | 0.3336492891  | 1.1403508772 | 0.2498816848 | 1.0677966102 | 0.6672985782 |
|                | 59   | 1    | 0.496243924  | 1.2105263158 | 0.3300029386  | 1.1694915254 | 0.2479576065 | 1.1228070175 | 0.6650014693 |

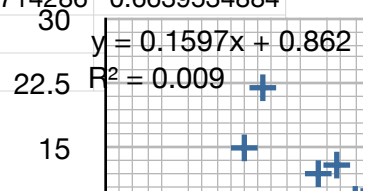


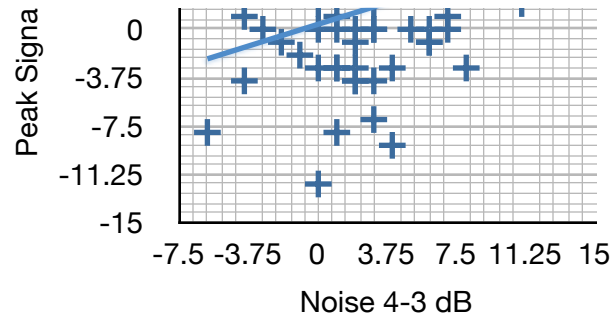
|                | Time | Chan | Signal<br>F1:F2 | Noise<br>F1:F3 | Signal<br>F1:F3 | Noise<br>F1:F4 | Signal<br>F1:F4 | Noise<br>F2:F3 | Signal<br>F2:F3 |
|----------------|------|------|-----------------|----------------|-----------------|----------------|-----------------|----------------|-----------------|
| AC2_015        | 1    | 1    | 0.5004616805    | 1.1525423729   | 0.3296836983    | 1.2363636364   | 0.2508678547    | 1.1016949153   | 0.6587591241    |
|                | 11   | 3    | 0.4954751131    | 1.0714285714   | 0.3353751914    | 1.2            | 0.247066787     | 1.0535714286   | 0.6768759571    |
|                | 21   | 1    | 0.4882542607    | 1.15           | 0.3266563945    | 1.2105263158   | 0.2441271304    | 1.0833333333   | 0.6690292758    |
| AC2_016        | 57   | 3    | 0.49729973      | 1.1052631579   | 0.3328313253    | 1.1052631579   | 0.2470930233    | 1.0701754386   | 0.6692771084    |
| AC2_017        | 23   | 3    | 0.488372093     | 1.0689655172   | 0.3302925448    | 1.1272727273   | 0.2483443709    | 1.0862068966   | 0.6763133061    |
|                | 20   | 2    | 0.4992927864    | 1              | 0.3301122195    | 1.1206896552   | 0.248825188     | 1.0153846154   | 0.661159601     |
|                | 29   | 3    | 0.5053606238    | 1.0677966102   | 0.3358160622    | 1.1454545455   | 0.2518824387    | 1.0677966102   | 0.664507772     |
| AC1_013 (5.15) | 42   | 3    | 0.4911190053    | 1.0877192982   | 0.3447630923    | 1.1071428571   | 0.2607260726    | 0.9122807018   | 0.7019950125    |
| AC1_015        | 27   | 3    | 0.5134243994    | 1.1272727273   | 0.3421217828    | 1.1481481481   | 0.2574397733    | 1.0181818182   | 0.6663527935    |
| AC1_016 (5.15) | 11   | 3    | 0.4968644477    | 1.125          | 0.3302340494    | 1.1454545455   | 0.2489125181    | 1.0714285714   | 0.6646361013    |
|                | 16   | 3    | 0.4809302326    | 1.1666666667   | 0.3244430499    | 1.125          | 0.2450236967    | 1.0740740741   | 0.674615626     |
|                | 20   | 3    | 0.5214117647    | 1.1481481481   | 0.3437790878    | 1.0877192982   | 0.2622485207    | 1.0740740741   | 0.6593236115    |
|                | 42   | 3    | 0.5210161663    | 1.1764705882   | 0.3375224417    | 1.0526315789   | 0.2588937342    | 1.0980392157   | 0.6478156792    |
| AC1_019 (5.15) | 30   | 3    | 0.5247291569    | 1.0338983051   | 0.3500942803    | 1.0701754386   | 0.2601588043    | 0.9491525424   | 0.6671904463    |
|                | 34   | 3    | 0.5025380711    | 1.1272727273   | 0.3376744186    | 1.1071428571   | 0.2568396226    | 1.0363636364   | 0.6719379845    |
|                | 48   | 3    | 0.4825234442    | 1.1666666667   | 0.335805399     | 1.1666666667   | 0.2702315588    | 1.0555555556   | 0.6959359241    |
| A04_004 (5.18) | 5    | 2    | 0.4960702728    | 1.1071428571   | 0.3377400063    | 1.0877192982   | 0.2488981675    | 1.0178571429   | 0.6808309726    |
|                | 17   | 1    | 0.4763033175    | 1.1034482759   | 0.3180379747    | 1.1228070175   | 0.2376448333    | 1.0344827586   | 0.667721519     |
|                | 20   | 2    | 0.4873120301    | 1.125          | 0.3309926588    | 1.1454545455   | 0.2482643045    | 1.0178571429   | 0.6792211937    |
|                | 39   | 2    | 0.4779516358    | 1.0701754386   | 0.320508744     | 1.0701754386   | 0.2398857687    | 0.9824561404   | 0.6705882353    |
|                | 59   | 2    | 0.5109353188    | 1.0862068966   | 0.3473584309    | 1.05           | 0.2604982206    | 1.0172413793   | 0.6798481493    |
| A04_005 (5.18) | 21   | 2    | 0.49002849      | 1.0666666667   | 0.3276190476    | 1.0158730159   | 0.2452471483    | 1.0333333333   | 0.6685714286    |
|                | 31   | 2    | 0.5332077249    | 1.1            | 0.3530879601    | 1.0476190476   | 0.2656030033    | 1.0166666667   | 0.6621958827    |
|                | 37   | 2    | 0.4972222222    | 1.0847457627   | 0.3286413709    | 1.0666666667   | 0.2504664179    | 1.0338983051   | 0.6609547124    |
| A04_012 (5.18) | 28   | 1    | 0.4875222816    | 1.1403508772   | 0.3366153846    | 1.1607142857   | 0.2542412271    | 1              | 0.6904615385    |
| A04_015        | 33   | 1    | 0.4959696539    | 1.1            | 0.3319581085    | 1.1            | 0.2438228438    | 1.0833333333   | 0.6693113297    |
| A04_019        | 47   | 1    | 0.5856196783    | 0.9841269841   | 0.3811576355    | 0.9841269841   | 0.2901335833    | 1              | 0.650862069     |
| A04_021        | 48   | 1    | 0.5717680608    | 1.0476190476   | 0.3806962025    | 1.064516129    | 0.2863603904    | 1.0634920635   | 0.6658227848    |
| A05_000        | 9    | 1    | 0.5257464301    | 1.1071428571   | 0.348337156     | 1.1272727273   | 0.2603385779    | 1.0892857143   | 0.692573394     |
|                | 15   | 2    | 0.4802977233    | 1.125          | 0.3188953488    | 1.1052631579   | 0.2525322284    | 1.0535714286   | 0.6639534884    |
| A01_000 (5.18) | 41   | 2    |                 | 1.1636363636   |                 |                |                 |                |                 |
| A01_001 (5.18) | 5    | 2    |                 | 1.2037037037   |                 |                |                 |                |                 |

I 4-3 dB

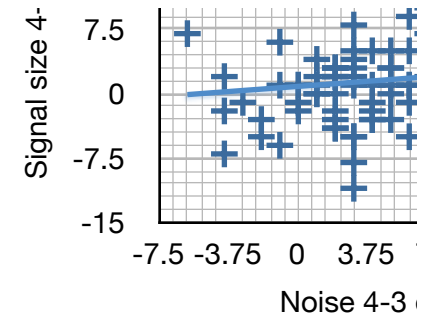


-size 3 dB

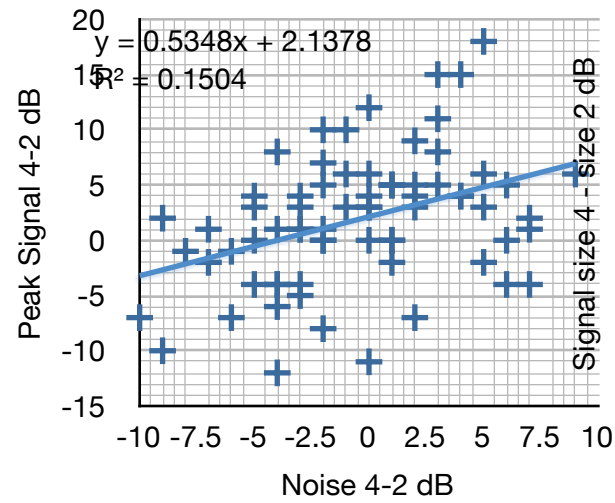




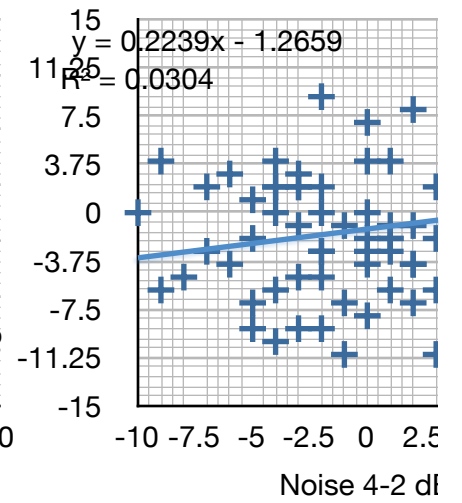
**Peak 4-2 Signal v Noise diff**



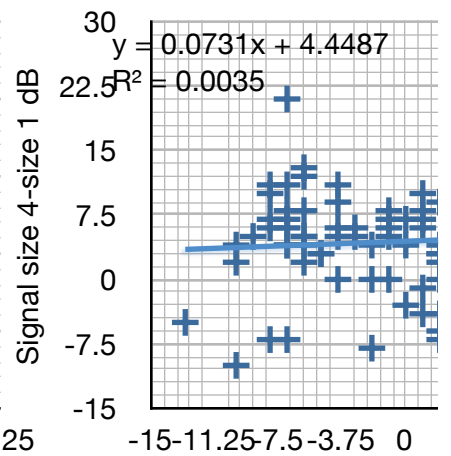
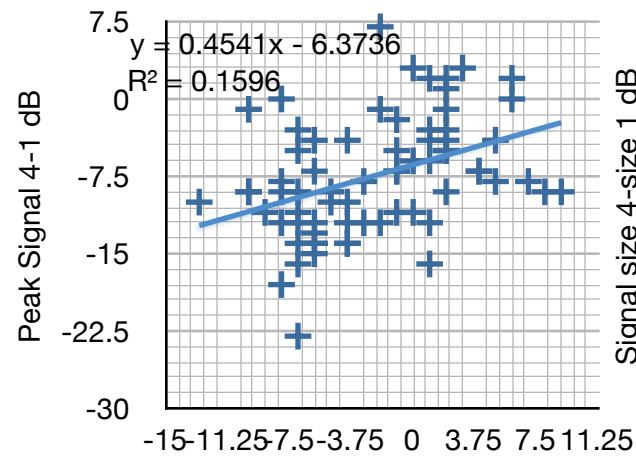
**Signal Size 4-2 v Noise 4-3 dB**



**Peak 4-1 Signal v Noise**

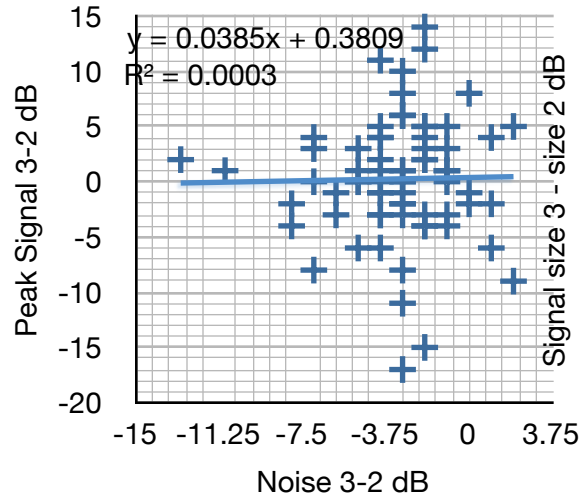


**Signal Size 4-1 v Noise 4-2 dB**



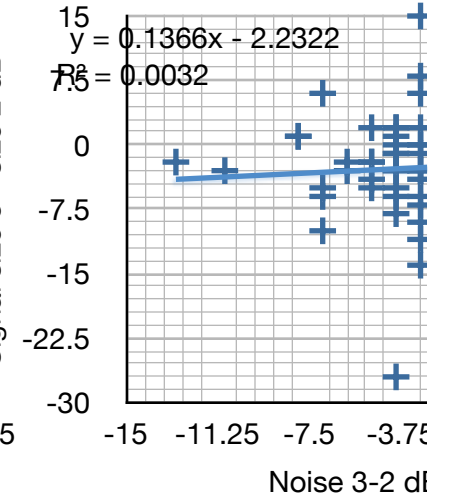
Noise 4-1 dB

**Peak 3-2 Signal v Noise Diff**

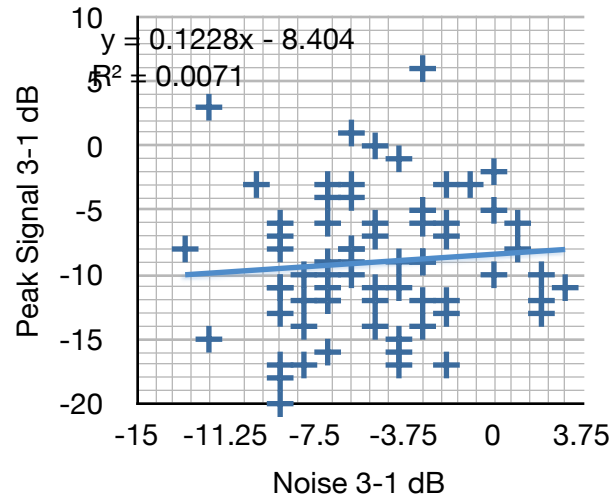


Noise 4-1 dB

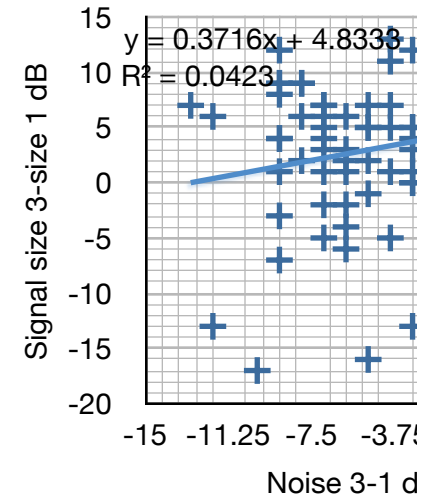
**Signal Size 3-2 v Noise 3-2**



**Peak 3-1 Signal v Noise diff**



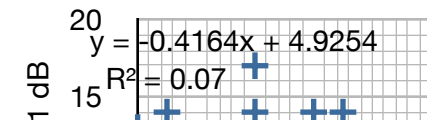
**Signal Size 3-1 v Noise 3-1**

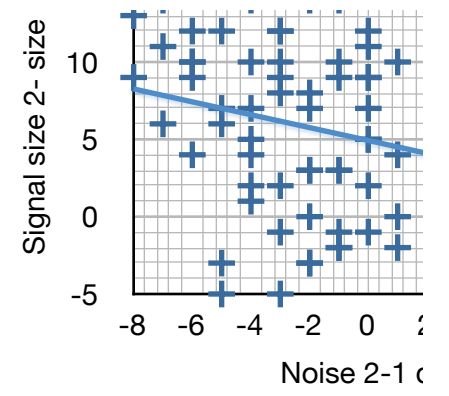
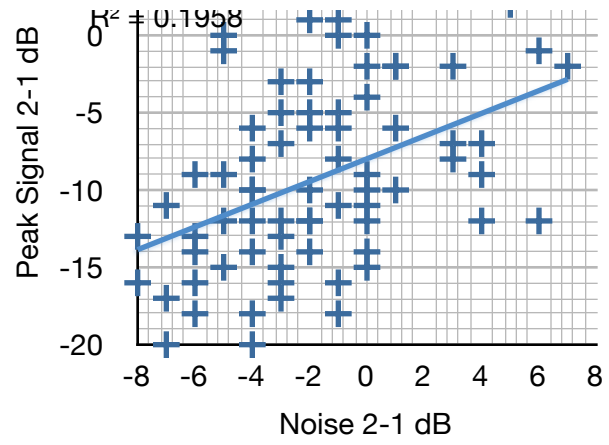


**Peak 2-1 Signal v Noise diff**



**Signal Size 2-1 v Noise 2-1**

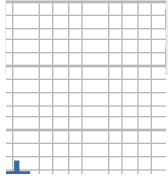




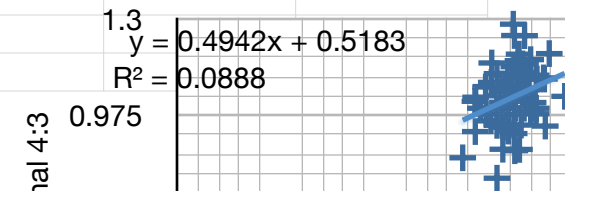
|                     | Time       | Chan           | Noise<br>F2:F4 | Signal<br>F2:F4 | Noise<br>F3:F4 | Signal<br>F3:F4 | Signal Avg<br>1 | 2       | 3       |
|---------------------|------------|----------------|----------------|-----------------|----------------|-----------------|-----------------|---------|---------|
| <b>May 18, 2009</b> | <b>0.7</b> | <b>2</b>       | 1.0517241379   | 0.5008315514    | 0.9655172414   | 0.7512473272    | 1097.5          | 2132.75 | 3183.75 |
| <b>A01_000</b>      | <b>0</b>   | <b>2</b>       | 0.9836065574   | 0.4997699034    | 0.9344262295   | 0.7369995398    |                 |         |         |
|                     | <b>46</b>  | <b>2</b>       | 0.9838709677   | 0.4874763705    | 0.935483871    | 0.731805293     |                 |         |         |
|                     | <b>50</b>  | <b>2</b>       | 1.1228070175   | 0.5002536783    | 0.9298245614   | 0.7546930492    |                 |         |         |
| <b>A01_001</b>      | <b>1</b>   | <b>2</b>       | 1.0535714286   | 0.4993852963    | 0.9821428571   | 0.7147774773    |                 |         |         |
|                     | <b>13</b>  | <b>2</b>       | 1.0344827586   | 0.5164728682    | 0.9482758621   | 0.7623546512    |                 |         |         |
|                     | <b>22</b>  | <b>2</b>       | 1.0701754386   | 0.4979828543    | 0.9473684211   | 0.749369642     |                 |         |         |
|                     | <b>41</b>  | <b>1</b>       | 1.0161290323   | 0.5108138239    | 0.9516129032   | 0.7772575251    |                 |         |         |
| <b>A01_002</b>      | <b>35</b>  | <b>2</b>       | 0.962962963    | 0.5100719424    | 0.9259259259   | 0.748441247     |                 |         |         |
|                     | <b>40</b>  | <b>2</b>       |                |                 |                |                 |                 |         |         |
|                     | <b>59</b>  | <b>1</b>       | 1.0508474576   | 0.4983575786    | 1              | 0.7480056312    |                 |         |         |
| <b>A01_003</b>      | <b>11</b>  | <b>1</b>       | 0.9836065574   | 0.4986711766    | 0.9016393443   | 0.7484899734    |                 |         |         |
|                     | <b>36</b>  | <b>1</b>       | 0.9672131148   | 0.5010385414    | 0.9508196721   | 0.7519039926    |                 |         |         |
|                     | <b>46</b>  | <b>2</b>       | 0.9464285714   | 0.4983050847    | 0.9107142857   | 0.7482485876    |                 |         |         |
| <b>A01_006</b>      | <b>15</b>  | <b>1</b>       | 1.05           | 0.4950773558    | 0.9333333333   | 0.7271448664    |                 |         |         |
|                     | <b>55</b>  | <b>2</b>       | 1.0327868852   | 0.5061699651    | 0.9672131148   | 0.7548311991    |                 |         |         |
| <b>A01_007</b>      | <b>8.5</b> | <b>1:02 AI</b> | 1.0666666667   | 0.500814901     | 1.0166666667   | 0.7529685681    |                 |         |         |
|                     | <b>55</b>  | <b>1</b>       | 1.0508474576   | 0.4992665037    | 0.9830508475   | 0.7511002445    |                 |         |         |
| <b>A01_008</b>      | <b>8</b>   | <b>1</b>       | 1              | 0.4997825141    | 0.8709677419   | 0.7696824706    |                 |         |         |
|                     | <b>15</b>  | <b>2</b>       | 1.0357142857   | 0.5750972763    | 0.9642857143   | 0.7961089494    |                 |         |         |
| <b>A01_009</b>      | <b>4</b>   | <b>2</b>       | 0.9672131148   | 0.4997623574    | 0.9344262295   | 0.7549904943    |                 |         |         |
|                     | <b>24</b>  | <b>1</b>       | 1.0166666667   | 0.5010681225    | 0.9833333333   | 0.7512461429    |                 |         |         |
| <b>A01_010</b>      | <b>19</b>  | <b>1</b>       | 1              | 0.5             | 0.95           | 0.74883829      |                 |         |         |
|                     | <b>29</b>  | <b>2</b>       | 0.9642857143   | 0.4965469613    | 0.9107142857   | 0.7433241252    |                 |         |         |
| <b>A01_011</b>      | <b>57</b>  | <b>1:02 AI</b> | 0.9365079365   | 0.4962014326    | 0.9047619048   | 0.7460386369    |                 |         |         |
| <b>A02_001</b>      | <b>2</b>   | <b>1:02 AI</b> | 0.9830508475   | 0.4918831169    | 0.9661016949   | 0.7339981447    |                 |         |         |
|                     | <b>13</b>  | <b>1:02 AI</b> | 0.9122807018   | 0.4841306348    | 0.8596491228   | 0.7198712052    |                 |         |         |
|                     | <b>25</b>  | <b>1:02 AI</b> | 0.9692307692   | 0.4947012401    | 0.9384615385   | 0.726042841     |                 |         |         |
|                     | <b>43</b>  | <b>2</b>       | 0.9076923077   | 0.4978437949    | 0.9230769231   | 0.7517968376    |                 |         |         |
|                     | <b>54</b>  | <b>2</b>       | 0.8939393939   | 0.4977756966    | 0.9090909091   | 0.7483025053    |                 |         |         |
| <b>A03_031</b>      | <b>22</b>  | <b>1</b>       | 1.0740740741   | 0.5008206331    | 1              | 0.7451348183    |                 |         |         |
| <b>A03_038</b>      | <b>16</b>  | <b>1</b>       | 1.0740740741   | 0.4907429671    | 1.037037037    | 0.7453714835    |                 |         |         |
| <b>A04_002</b>      | <b>19</b>  | <b>2</b>       | 0.921875       | 0.498046875     | 0.921875       | 0.7463107639    |                 |         |         |
|                     | <b>22</b>  | <b>2</b>       | 0.9310344828   | 0.4940794056    | 0.9482758621   | 0.74320873      |                 |         |         |

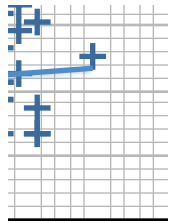
|                |      |      | Noise        | Signal       | Noise        | Signal       | Signal Avg |   |   |
|----------------|------|------|--------------|--------------|--------------|--------------|------------|---|---|
|                | Time | Chan | F2:F4        | F2:F4        | F3:F4        | F3:F4        | 1          | 2 | 3 |
|                | 25   | 2    | 0.9365079365 | 0.499092559  | 0.888888889  | 0.7416061706 |            |   |   |
|                | 36   | 2    | 0.9206349206 | 0.5025347146 | 0.9206349206 | 0.7566674014 |            |   |   |
|                | 38   | 2    | 1.0338983051 | 0.5020447438 | 0.9661016949 | 0.7498195814 |            |   |   |
|                | 45   | 2    | 1.0350877193 | 0.501367139  | 1            | 0.7486950037 |            |   |   |
| A04_003        | 3    | 2    | 0.9827586207 | 0.5019020447 | 0.9655172414 | 0.7498811222 |            |   |   |
|                | 5    | 2    | 1            | 0.5010762975 | 1            | 0.7479071992 |            |   |   |
|                | 7    | 2    | 1.0961538462 | 0.5011927481 | 1.0192307692 | 0.7502385496 |            |   |   |
|                | 11   | 2    | 1            | 0.4987241939 | 0.9482758621 | 0.7341684064 |            |   |   |
|                | 16   | 2    | 1            | 0.4957245205 | 0.9821428571 | 0.7430090132 |            |   |   |
|                | 26   | 2    | 1.0357142857 | 0.5059426707 | 0.9821428571 | 0.7522721976 |            |   |   |
|                | 36   | 2    | 1            | 0.4985882353 | 0.9473684211 | 0.7444705882 |            |   |   |
|                | 42   | 2    | 1            | 0.4976426214 | 0.9454545455 | 0.7496463932 |            |   |   |
|                | 56   | 2    | 1.0175438596 | 0.4985618408 | 0.9824561404 | 0.7461649089 |            |   |   |
| A04_004        | 3    | 2    | 1.0545454545 | 0.4990645463 | 1.0181818182 | 0.7390084191 |            |   |   |
| AC1_016 (5.19) | 11   | 4    | 0.9523809524 | 0.4991770515 | 0.9047619048 | 0.7498236539 |            |   |   |
|                | 47   | 4    | 0.90625      | 0.4990654206 | 0.890625     | 0.7530373832 |            |   |   |
|                | 53   | 4    | 0.9523809524 | 0.4966523195 | 0.9206349206 | 0.7448589192 |            |   |   |
| AC1_017        | 43   | 3    | 1.0727272727 | 0.5004791567 | 1.0545454545 | 0.7527551509 |            |   |   |
|                | 58   | 3    | 0.9830508475 | 0.5003414523 | 0.9491525424 | 0.751422718  |            |   |   |
| AC1_008 (5.14) | 35   | 3    | 1.0943396226 | 0.49740582   | 0.9811320755 | 0.7478005865 |            |   |   |
| AC1_013 (5.14) | 7    | 4    | 0.8695652174 | 0.4996727035 | 0.8985507246 | 0.7484180668 |            |   |   |
| AC2_000 (5.14) | 10   | 4    | 0.890625     | 0.4984025559 | 0.921875     | 0.7500614402 |            |   |   |
|                | 20   | 1    | 1.0925925926 | 0.5245496291 | 0.962962963  | 0.7121158601 |            |   |   |
|                | 36   | 2    | 1.1272727273 | 0.4938935027 | 0.8909090909 | 0.7405959941 |            |   |   |
|                | 48   | 1    | 1.0344827586 | 0.5075327241 | 0.9655172414 | 0.7525314893 |            |   |   |
| AC2_005 (5.14) | 13   | 4    | 0.8888888889 | 0.4993828684 | 0.873015873  | 0.7501851395 |            |   |   |
|                | 16   | 3    | 1.1090909091 | 0.5013574661 | 0.9636363636 | 0.7708144796 |            |   |   |
|                | 26   | 4    | 0.9047619048 | 0.5014278915 | 0.8253968254 | 0.7734412185 |            |   |   |
| AC2_009 (5.14) | 4    | 4    | 1.0740740741 | 0.5057122872 | 1            | 0.7311727675 |            |   |   |
| AC2_013 (5.14) | 47   | 4    | 0.9180327869 | 0.4993003731 | 0.868852459  | 0.7476679104 |            |   |   |
| AC2_014        | 10   | 2    | 1.1428571429 | 0.5009372071 | 1.0714285714 | 0.7174320525 |            |   |   |
|                | 50   | 2    | 1.1666666667 | 0.4957746479 | 1.0740740741 | 0.7486457205 |            |   |   |
|                | 51   | 2    | 1.1052631579 | 0.4997633696 | 1.0350877193 | 0.7489351633 |            |   |   |
|                | 59   | 1    | 1.0847457627 | 0.4996688011 | 0.9661016949 | 0.7513799956 |            |   |   |

|                | Time | Chan | Noise<br>F2:F4 | Signal<br>F2:F4 | Noise<br>F3:F4 | Signal<br>F3:F4 | Signal Avg<br>1 | 2 | 3 |
|----------------|------|------|----------------|-----------------|----------------|-----------------|-----------------|---|---|
| AC2_015        | 1    | 1    | 1.1818181818   | 0.5012728535    | 1.0727272727   | 0.7609349688    |                 |   |   |
|                | 11   | 3    | 1.18           | 0.4986462094    | 1.12           | 0.7366877256    |                 |   |   |
|                | 21   | 1    | 1.1403508772   | 0.5             | 1.0526315789   | 0.7473514509    |                 |   |   |
| AC2_016        | 57   | 3    | 1.0701754386   | 0.4968694097    | 1              | 0.7423971377    |                 |   |   |
| AC2_017        | 23   | 3    | 1.1454545455   | 0.5085146641    | 1.0545454545   | 0.7518921476    |                 |   |   |
|                | 20   | 2    | 1.1379310345   | 0.4983552632    | 1.1206896552   | 0.7537593985    |                 |   |   |
|                | 29   | 3    | 1.1454545455   | 0.4984211805    | 1.0727272727   | 0.7500607238    |                 |   |   |
| AC1_013 (5.15) | 42   | 3    | 0.9285714286   | 0.5308816596    | 1.0178571429   | 0.7562470533    |                 |   |   |
| AC1_015        | 27   | 3    | 1.037037037    | 0.5014170997    | 1.0185185185   | 0.7524799244    |                 |   |   |
| AC1_016 (5.15) | 11   | 3    | 1.0909090909   | 0.5009666506    | 1.0181818182   | 0.7537457709    |                 |   |   |
|                | 16   | 3    | 1.0357142857   | 0.509478673     | 0.9642857143   | 0.7552132701    |                 |   |   |
|                | 20   | 3    | 1.0175438596   | 0.5029585799    | 0.9473684211   | 0.7628402367    |                 |   |   |
|                | 42   | 3    | 0.9824561404   | 0.4969015378    | 0.8947368421   | 0.7670415423    |                 |   |   |
| AC1_019 (5.15) | 30   | 3    | 0.9824561404   | 0.4957963568    | 1.0350877193   | 0.7431106959    |                 |   |   |
|                | 34   | 3    | 1.0178571429   | 0.5110849057    | 0.9821428571   | 0.7606132075    |                 |   |   |
|                | 48   | 3    | 1.0555555556   | 0.5600381953    | 1              | 0.8047266651    |                 |   |   |
| A04_004 (5.18) | 5    | 2    | 1              | 0.5017397356    | 0.9824561404   | 0.7369519833    |                 |   |   |
|                | 17   | 1    | 1.0526315789   | 0.4989359187    | 1.0175438596   | 0.7472215654    |                 |   |   |
|                | 20   | 2    | 1.0363636364   | 0.5094565478    | 1.0181818182   | 0.7500598516    |                 |   |   |
|                | 39   | 2    | 0.9824561404   | 0.5019038553    | 1              | 0.7484531176    |                 |   |   |
|                | 59   | 2    | 0.9833333333   | 0.5098457888    | 0.9666666667   | 0.749940688     |                 |   |   |
| A04_005 (5.18) | 21   | 2    | 0.9841269841   | 0.5004752852    | 0.9523809524   | 0.7485741445    |                 |   |   |
|                | 31   | 2    | 0.9682539683   | 0.498122947     | 0.9523809524   | 0.7522290005    |                 |   |   |
|                | 37   | 2    | 1.0166666667   | 0.5037313433    | 0.9833333333   | 0.7621268657    |                 |   |   |
| A04_012 (5.18) | 28   | 1    | 1.0178571429   | 0.5214966303    | 1.0178571429   | 0.7552870091    |                 |   |   |
| A04_015        | 33   | 1    | 1.0833333333   | 0.4916083916    | 1              | 0.7344988345    |                 |   |   |
| A04_019        | 47   | 1    | 1              | 0.4954300445    | 1              | 0.761190532     |                 |   |   |
| A04_021        | 48   | 1    | 1.0806451613   | 0.500833135     | 1.0161290323   | 0.7522018567    |                 |   |   |
| A05_000        | 9    | 1    | 1.1090909091   | 0.4951789158    | 1.0181818182   | 0.7473751875    |                 |   |   |
| Noise Diff 4-3 | 15   | 2    | 1.0350877193   | 0.5257826888    | 0.9824561404   | 0.7918968692    |                 |   |   |
|                | 8)   | 41   |                |                 |                |                 |                 |   |   |
|                | 8)   | 5    |                |                 |                |                 |                 |   |   |

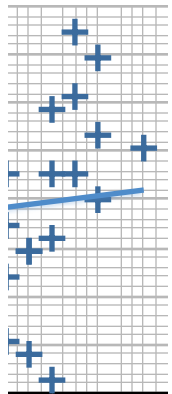


**Peak Signal v Noise 4:3**

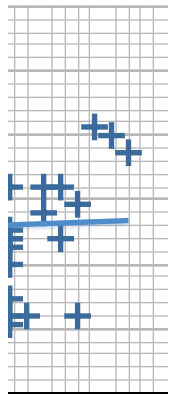




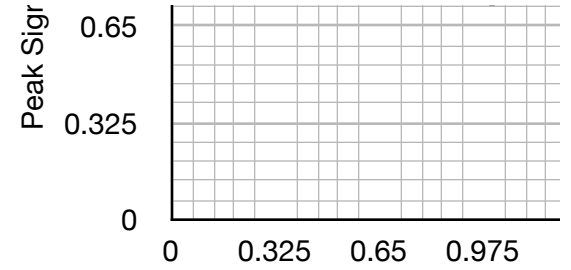
7.5 11.25 15  
dB  
Noise diff 4-2



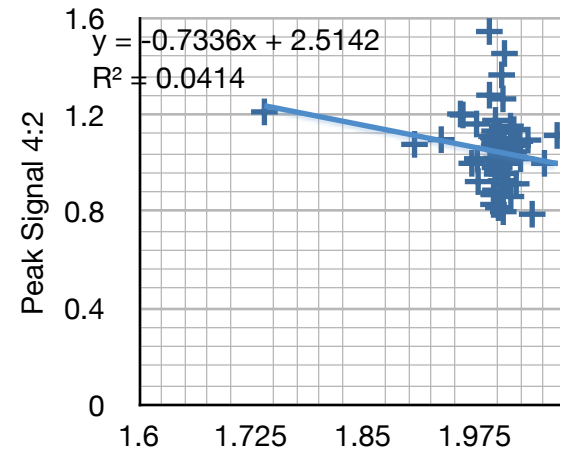
5 7.5 10  
dB  
Noise diff 4-1



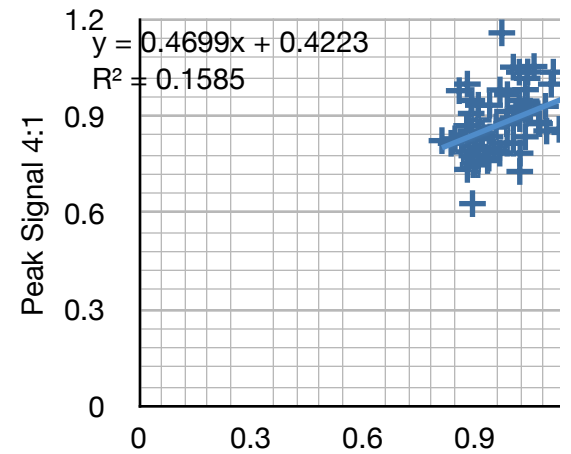
3.75 7.5 11.25  
dB



Noise 4:3 dB  
Peak Signal v Noise 4:2

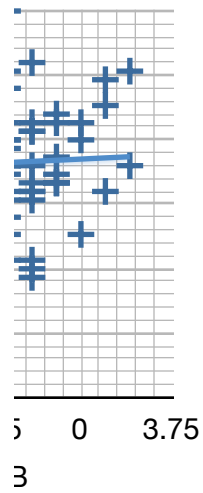


Noise 4:2 dB  
Peak Signal v Noise 4:1

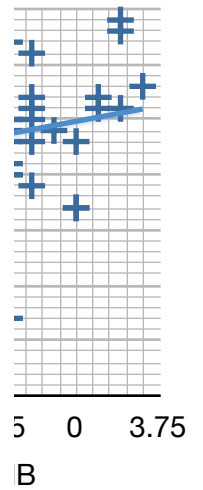




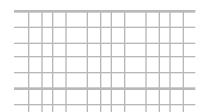
B  
noise diff 3-2



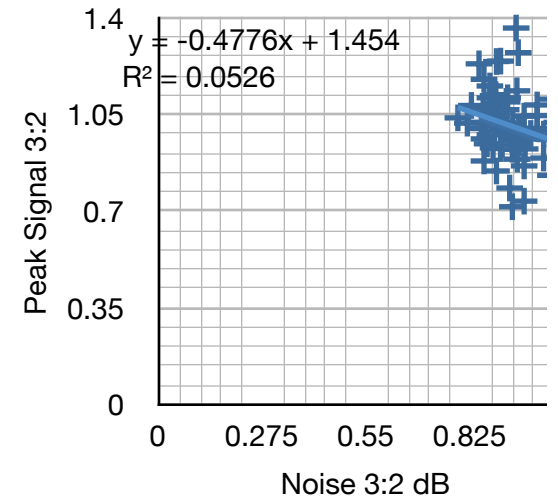
noise diff 3-1



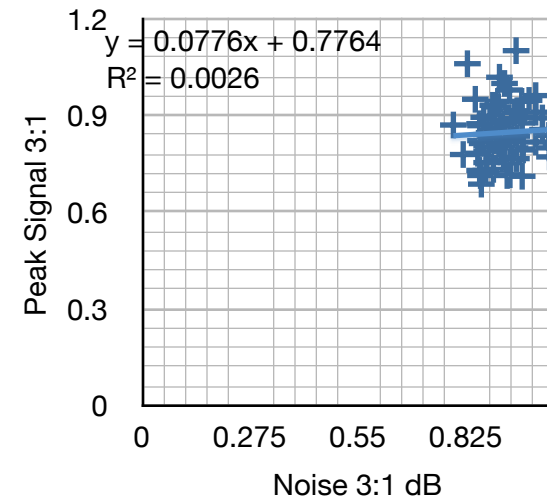
noise diff 2-1



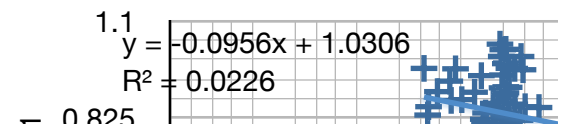
Noise 4:1 dB  
Peak Signal v Noise 3:2

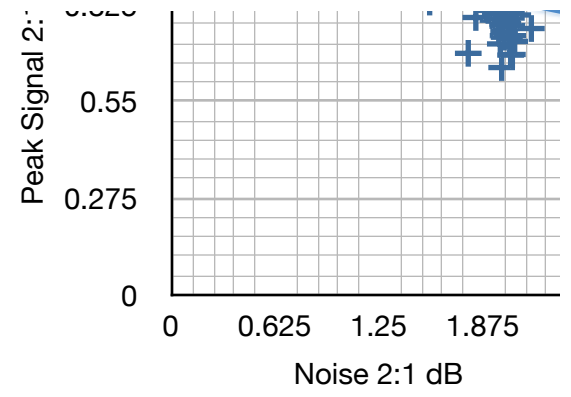
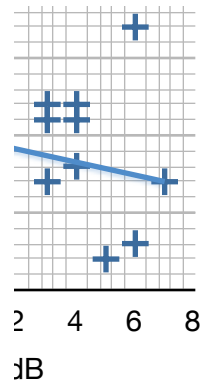


Peak Signal v Noise 3:1



Peak Signal v Noise 2:1



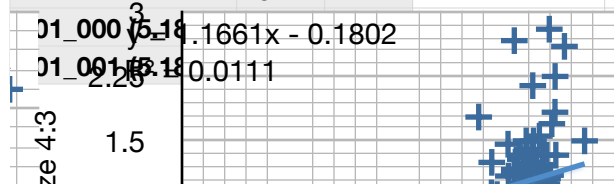


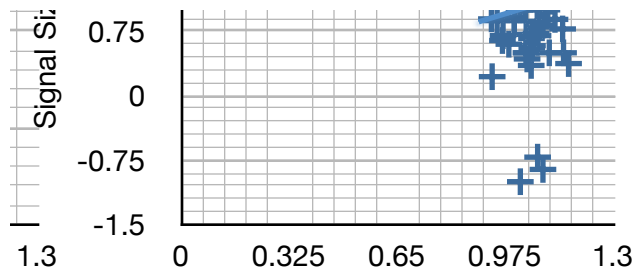
|              |      |         |              | Noise       |             |             |             |             |             |
|--------------|------|---------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|
|              | Time | Chan    | 4            | dB diff 4-3 | dB diff 4-2 | dB diff 4-1 | dB diff 3-2 | dB diff 3-1 | dB diff 2-1 |
| May 18, 2009 | 0.7  | 2       | 4258.9166667 | 2           | -3          | -7          | -5          | -9          | -4          |
| A01_000      | 0    | 2       |              | 4           | 1           | -1          | -3          | -5          | -2          |
|              | 46   | 2       |              | 4           | 1           | -3          | -3          | -7          | -4          |
|              | 50   | 2       |              | 4           | -7          | -8          | -11         | -12         | -1          |
| A01_001      | 1    | 2       |              | 1           | -3          | -9          | -4          | -10         | -6          |
|              | 13   | 2       |              | 3           | -2          | -6          | -5          | -9          | -4          |
|              | 22   | 2       |              | 3           | -4          | -6          | -7          | -9          | -2          |
|              | 41   | 1       |              | 3           | -1          | -1          | -4          | -4          | 0           |
| A01_002      | 35   | 2       |              | 4           | 2           | -2          | -2          | -6          | -4          |
|              | 40   | 2       |              | 6           | 3           | -1          | -3          | -7          | -4          |
|              | 59   | 1       |              | 0           | -3          | 1           | -3          | 1           | 4           |
| A01_003      | 11   | 1       |              | 6           | 1           | 4           | -5          | -2          | 3           |
|              | 36   | 1       |              | 3           | 2           | 0           | -1          | -3          | -2          |
|              | 46   | 2       |              | 5           | 3           | 2           | -2          | -3          | -1          |
| A01_006      | 15   | 1       |              | 4           | -3          | 2           | -7          | -2          | 5           |
|              | 55   | 2       |              | 2           | -2          | 2           | -4          | 0           | 4           |
| A01_007      | 8.5  | 1:02 AI |              | -1          | -4          | 2           | -3          | 3           | 6           |
|              | 55   | 1       |              | 1           | -3          | 0           | -4          | -1          | 3           |
| A01_008      | 8    | 1       |              | 8           | 0           | 6           | -8          | -2          | 6           |
|              | 15   | 2       |              | 2           | -2          | 2           | -4          | 0           | 4           |
| A01_009      | 4    | 2       |              | 4           | 2           | 1           | -2          | -3          | -1          |
|              | 24   | 1       |              | 1           | -1          | -4          | -2          | -5          | -3          |
| A01_010      | 19   | 1       |              | 3           | 0           | -1          | -3          | -4          | -1          |
|              | 29   | 2       |              | 5           | 2           | 1           | -3          | -4          | -1          |
| A01_011      | 57   | 1:02 AI |              | 6           | 4           | 2           | -2          | -4          | -2          |
| A02_001      | 2    | 1:02 AI |              | 2           | 1           | -4          | -1          | -6          | -5          |
|              | 13   | 1:02 AI |              | 8           | 5           | 3           | -3          | -5          | -2          |
|              | 25   | 1:02 AI |              | 4           | 2           | 2           | -2          | -2          | 0           |
|              | 43   | 2       |              | 5           | 6           | 6           | 1           | 1           | 0           |
|              | 54   | 2       |              | 6           | 7           | 8           | 1           | 2           | 1           |
| A03_031      | 22   | 1       |              | 0           | -4          | -3          | -4          | -3          | 1           |
| A03_038      | 16   | 1       |              | -2          | -4          | -4          | -2          | -2          | 0           |
| A04_002      | 19   | 2       |              | 5           | 5           | 2           | 0           | -3          | -3          |
|              | 22   | 2       |              | 3           | 4           | -4          | 1           | -7          | -8          |

|                |      |      |   | Noise       |             |             |             |             |             |
|----------------|------|------|---|-------------|-------------|-------------|-------------|-------------|-------------|
|                | Time | Chan | 4 | dB diff 4-3 | dB diff 4-2 | dB diff 4-1 | dB diff 3-2 | dB diff 3-1 | dB diff 2-1 |
|                | 25   | 2    |   | 7           | 4           | 1           | -3          | -6          | -3          |
|                | 36   | 2    |   | 5           | 5           | -2          | 0           | -7          | -7          |
|                | 38   | 2    |   | 2           | -2          | -7          | -4          | -9          | -5          |
|                | 45   | 2    |   | 0           | -2          | -7          | -2          | -7          | -5          |
| A04_003        | 3    | 2    |   | 2           | 1           | -6          | -1          | -8          | -7          |
|                | 5    | 2    |   | 0           | 0           | -8          | 0           | -8          | -8          |
|                | 7    | 2    |   | -1          | -5          | -8          | -4          | -7          | -3          |
|                | 11   | 2    |   | 3           | 0           | -6          | -3          | -9          | -6          |
|                | 16   | 2    |   | 1           | 0           | -7          | -1          | -8          | -7          |
|                | 26   | 2    |   | 1           | -2          | -8          | -3          | -9          | -6          |
|                | 36   | 2    |   | 3           | 0           | -6          | -3          | -9          | -6          |
|                | 42   | 2    |   | 3           | 0           | -6          | -3          | -9          | -6          |
|                | 56   | 2    |   | 1           | -1          | -4          | -2          | -5          | -3          |
| A04_004        | 3    | 2    |   | -1          | -3          | -7          | -2          | -6          | -4          |
| AC1_016 (5.19) | 11   | 4    |   | 6           | 3           | -1          | -3          | -7          | -4          |
|                | 47   | 4    |   | 7           | 6           | 1           | -1          | -6          | -5          |
|                | 53   | 4    |   | 5           | 3           | 0           | -2          | -5          | -3          |
| AC1_017        | 43   | 3    |   | -3          | -4          | -7          | -1          | -4          | -3          |
|                | 58   | 3    |   | 3           | 1           | 1           | -2          | -2          | 0           |
| AC1_008 (5.14) | 35   | 3    |   | 1           | -5          | -2          | -6          | -3          | 3           |
| AC1_013 (5.14) | 7    | 4    |   | 7           | 9           | 9           | 2           | 2           | 0           |
| AC2_000 (5.14) | 10   | 4    |   | 5           | 7           | 7           | 2           | 2           | 0           |
|                | 20   | 1    |   | 2           | -5          | 2           | -7          | 0           | 7           |
|                | 36   | 2    |   | 6           | -7          | -7          | -13         | -13         | 0           |
|                | 48   | 1    |   | 2           | -2          | -6          | -4          | -8          | -4          |
| AC2_005 (5.14) | 13   | 4    |   | 8           | 7           | 5           | -1          | -3          | -2          |
|                | 16   | 3    |   | 2           | -6          | -5          | -8          | -7          | 1           |
|                | 26   | 4    |   | 11          | 6           | 4           | -5          | -7          | -2          |
| AC2_009 (5.14) | 4    | 4    |   | 0           | -4          | -5          | -4          | -5          | -1          |
| AC2_013 (5.14) | 47   | 4    |   | 8           | 5           | 5           | -3          | -3          | 0           |
| AC2_014        | 10   | 2    |   | -4          | -8          | -7          | -4          | -3          | 1           |
|                | 50   | 2    |   | -4          | -9          | -10         | -5          | -6          | -1          |
|                | 51   | 2    |   | -2          | -6          | -8          | -4          | -6          | -2          |
|                | 59   | 1    |   | 2           | -5          | -10         | -7          | -12         | -5          |

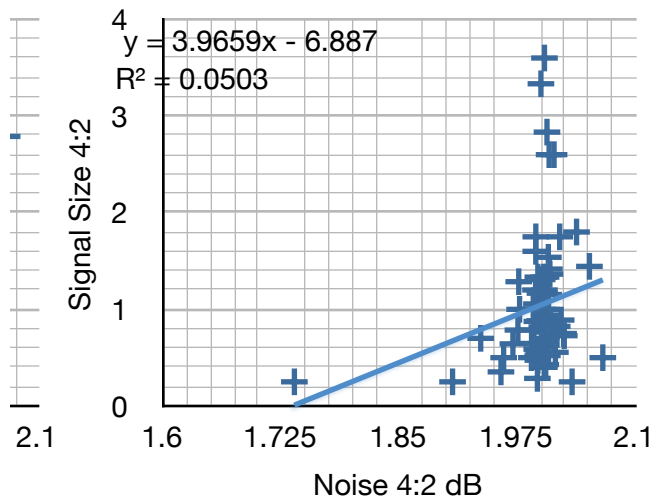
|                | Time | Chan | Noise |             |             |             |             |             |             |
|----------------|------|------|-------|-------------|-------------|-------------|-------------|-------------|-------------|
|                |      |      | 4     | dB diff 4-3 | dB diff 4-2 | dB diff 4-1 | dB diff 3-2 | dB diff 3-1 | dB diff 2-1 |
| AC2_015        | 1    | 1    |       | -4          | -10         | -13         | -6          | -9          | -3          |
|                | 11   | 3    |       | -6          | -9          | -10         | -3          | -4          | -1          |
|                | 21   | 1    |       | -3          | -8          | -12         | -5          | -9          | -4          |
| AC2_016        | 57   | 3    |       | 0           | -4          | -6          | -4          | -6          | -2          |
| AC2_017        | 23   | 3    |       | -3          | -8          | -7          | -5          | -4          | 1           |
|                | 20   | 2    |       | -7          | -8          | -7          | -1          | 0           | 1           |
|                | 29   | 3    |       | -4          | -8          | -8          | -4          | -4          | 0           |
| AC1_013 (5.15) | 42   | 3    |       | -1          | 4           | -6          | 5           | -5          | -10         |
| AC1_015        | 27   | 3    |       | -1          | -2          | -8          | -1          | -7          | -6          |
| AC1_016 (5.15) | 11   | 3    |       | -1          | -5          | -8          | -4          | -7          | -3          |
|                | 16   | 3    |       | 2           | -2          | -7          | -4          | -9          | -5          |
|                | 20   | 3    |       | 3           | -1          | -5          | -4          | -8          | -4          |
|                | 42   | 3    |       | 6           | 1           | -3          | -5          | -9          | -4          |
| AC1_019 (5.15) | 30   | 3    |       | -2          | 1           | -4          | 3           | -2          | -5          |
|                | 34   | 3    |       | 1           | -1          | -6          | -2          | -7          | -5          |
|                | 48   | 3    |       | 0           | -3          | -9          | -3          | -9          | -6          |
| A04_004 (5.18) | 5    | 2    |       | 1           | 0           | -5          | -1          | -6          | -5          |
|                | 17   | 1    |       | -1          | -3          | -7          | -2          | -6          | -4          |
|                | 20   | 2    |       | -1          | -2          | -8          | -1          | -7          | -6          |
|                | 39   | 2    |       | 0           | 1           | -4          | 1           | -4          | -5          |
|                | 59   | 2    |       | 2           | 1           | -3          | -1          | -5          | -4          |
| A04_005 (5.18) | 21   | 2    |       | 3           | 1           | -1          | -2          | -4          | -2          |
|                | 31   | 2    |       | 3           | 2           | -3          | -1          | -6          | -5          |
|                | 37   | 2    |       | 1           | -1          | -4          | -2          | -5          | -3          |
| A04_012 (5.18) | 28   | 1    |       | -1          | -1          | -9          | 0           | -8          | -8          |
| A04_015        | 33   | 1    |       | 0           | -5          | -6          | -5          | -6          | -1          |
| A04_019        | 47   | 1    |       | 0           | 0           | 1           | 0           | 1           | 1           |
| A04_021        | 48   | 1    |       | -1          | -5          | -4          | -4          | -3          | 1           |
| A05_000        | 9    | 2    |       | -1          | -6          | -7          | -5          | -6          | -1          |
|                | 15   | 2    |       | 1           | -2          | -6          | -3          | -7          | -4          |
| D1_000 (5.18)  | 3    | 1    |       | 1           | -5          | -8          | -6          | -9          | -3          |
| D1_001 (5.18)  | 2    | 1    |       | 1           | -6          | -10         | -7          | -11         | -4          |

Signal Size 4:3 v Noise 4:3

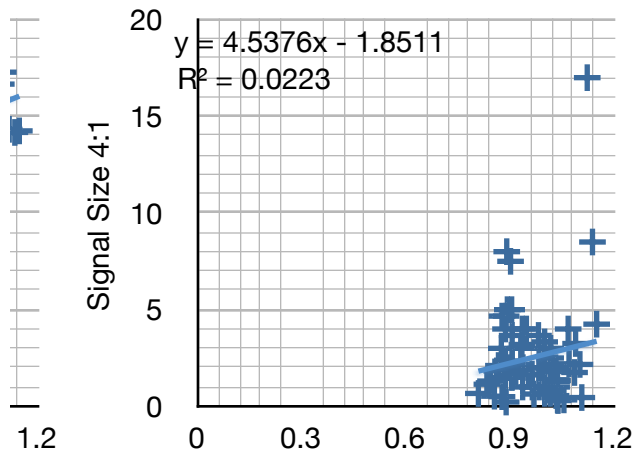


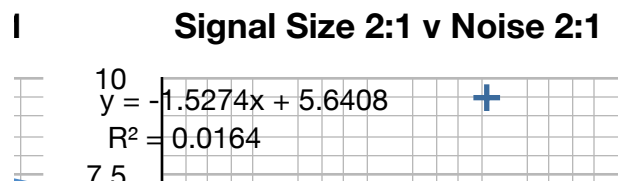
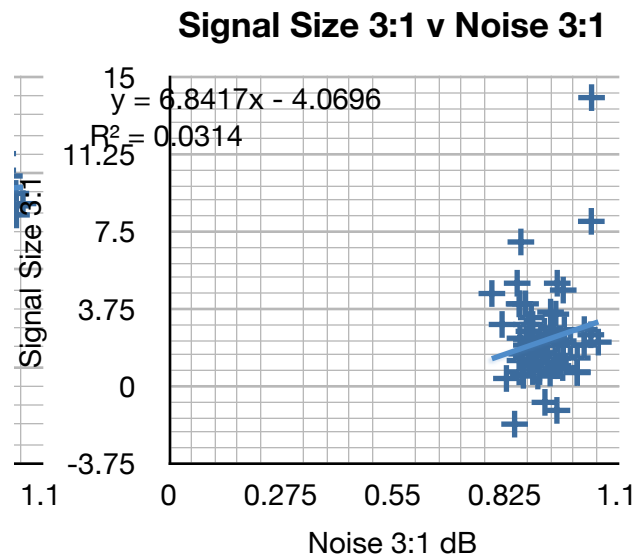
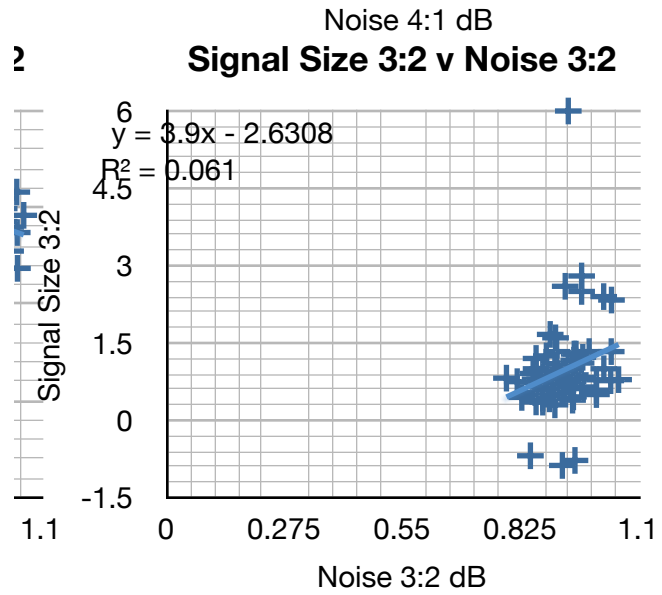


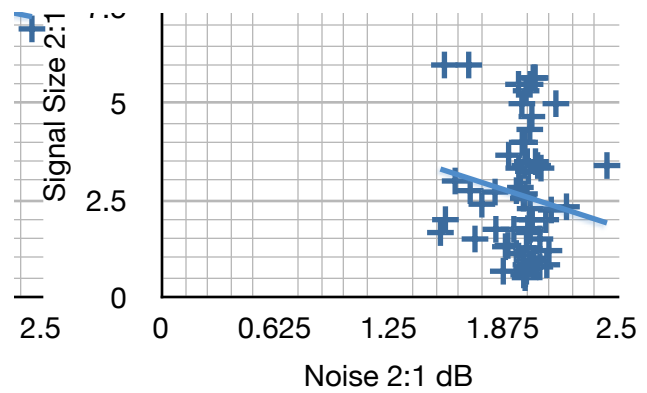
Signal Size  
Noise 4:3 dB  
**Signal Size 4:2 v Noise 4:2**



Signal Size 4:2  
Noise 4:2 dB  
**Signal Size 4:1 v Noise 4:1**









|              | Time | Chan    | Signal      |             |             |             |             | Noise       |              |  |
|--------------|------|---------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
|              |      |         | Peak dB 4-3 | Peak dB 4-2 | Peak dB 4-1 | Peak dB 3-2 | Peak dB 3-1 | Peak dB 2-1 | dB 4:3       |  |
| May 18, 2009 | 0.7  | 2       | 4           | 4           | -16         | 0           | -20         | -20         | 1.0357142857 |  |
| A01_000      | 0    | 2       | 5           | 5           | -7          | 0           | -12         | -12         | 1.0701754386 |  |
|              | 46   | 2       | 8           | 0           | -8          | -8          | -16         | -8          | 1.0689655172 |  |
|              | 50   | 2       | -3          | -2          | -18         | 1           | -15         | -16         | 1.0754716981 |  |
| A01_001      | 1    | 2       | -8          | 3           | -11         | 11          | -3          | -14         | 1.0181818182 |  |
|              | 13   | 2       | 11          | 5           | -7          | -6          | -18         | -12         | 1.0545454545 |  |
|              | 22   | 2       | -7          | -4          | -14         | 3           | -7          | -10         | 1.0555555556 |  |
|              | 41   | 1       | 13          | 10          | -2          | -3          | -15         | -12         | 1.0508474576 |  |
| A01_002      | 35   | 2       | 7           | 9           | -1          | 2           | -8          | -10         | 1.08         |  |
|              | 40   | 2       | 5           | 11          | -7          | 6           | -12         | -18         | 1.1224489796 |  |
|              | 59   | 1       | 2           | 1           | -6          | -1          | -8          | -7          | 1            |  |
| A01_003      | 11   | 1       | 0           | 0           | -7          | 0           | -7          | -7          | 1.1090909091 |  |
|              | 36   | 1       | 3           | 3           | -11         | 0           | -14         | -14         | 1.0517241379 |  |
|              | 46   | 2       | 3           | 15          | -3          | 12          | -6          | -18         | 1.0980392157 |  |
| A01_006      | 15   | 1       | 3           | -5          | -3          | -8          | -6          | 2           | 1.0714285714 |  |
|              | 55   | 2       | 5           | 7           | -5          | 2           | -10         | -12         | 1.0338983051 |  |
| A01_007      | 8.5  | 1:02 AI | 7           | 8           | -4          | 1           | -11         | -12         | 0.9836065574 |  |
|              | 55   | 1       | -3          | -4          | -6          | -1          | -3          | -2          | 1.0172413793 |  |
| A01_008      | 8    | 1       | 5           | 3           | 2           | -2          | -3          | -1          | 1.1481481481 |  |
|              | 15   | 2       | 6           | 10          | 1           | 4           | -5          | -9          | 1.037037037  |  |
| A01_009      | 4    | 2       | -9          | 5           | -3          | 14          | 6           | -8          | 1.0701754386 |  |
|              | 24   | 1       | 1           | 6           | -10         | 5           | -11         | -16         | 1.0169491525 |  |
| A01_010      | 19   | 1       | 6           | -11         | -11         | -17         | -17         | 0           | 1.0526315789 |  |
|              | 29   | 2       | 4           | -7          | -12         | -11         | -16         | -5          | 1.0980392157 |  |
| A01_011      | 57   | 1:02 AI | 8           | 4           | -1          | -4          | -9          | -5          | 1.1052631579 |  |
| A02_001      | 2    | 1:02 AI | 4           | 5           | -4          | 1           | -8          | -9          | 1.0350877193 |  |
|              | 13   | 1:02 AI | 9           | 6           | 3           | -3          | -6          | -3          | 1.1632653061 |  |
|              | 25   | 1:02 AI | 8           | 4           | -5          | -4          | -13         | -9          | 1.0655737705 |  |
|              | 43   | 2       | 6           | 0           | 0           | -6          | -6          | 0           | 1.0833333333 |  |
|              | 54   | 2       | 3           | 1           | -9          | -2          | -12         | -10         | 1.1          |  |
| A03_031      | 22   | 1       | 0           | -6          | -12         | -6          | -12         | -6          | 1            |  |
| A03_038      | 16   | 1       | 3           | -12         | -14         | -15         | -17         | -2          | 0.9642857143 |  |
| A04_002      | 19   | 2       | 0           | -2          | -9          | -2          | -9          | -7          | 1.0847457627 |  |
|              | 22   | 2       | 0           | 4           | -12         | 4           | -12         | -16         | 1.0545454545 |  |

|                | Time | Chan | Signal      |             |             |             |             | Noise       |              |  |
|----------------|------|------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
|                |      |      | Peak dB 4-3 | Peak dB 4-2 | Peak dB 4-1 | Peak dB 3-2 | Peak dB 3-1 | Peak dB 2-1 | dB 4:3       |  |
|                | 25   | 2    | 5           | 15          | 2           | 10          | -3          | -13         | 1.125        |  |
|                | 36   | 2    | 10          | 18          | 7           | 8           | -3          | -11         | 1.0862068966 |  |
|                | 38   | 2    | -1          | 0           | -12         | 1           | -11         | -12         | 1.0350877193 |  |
| A04_003        | 45   | 2    | -12         | -8          | -23         | 4           | -11         | -15         | 1            |  |
|                | 3    | 2    | 0           | 5           | -12         | 5           | -12         | -17         | 1.0357142857 |  |
|                | 5    | 2    | 5           | 4           | -9          | -1          | -14         | -13         | 1            |  |
|                | 7    | 2    | -2          | 3           | -12         | 5           | -10         | -15         | 0.9811320755 |  |
|                | 11   | 2    | 4           | 12          | -4          | 8           | -8          | -16         | 1.0545454545 |  |
|                | 16   | 2    | 3           | 6           | -14         | 3           | -17         | -20         | 1.0181818182 |  |
|                | 26   | 2    | 3           | 1           | -8          | -2          | -11         | -9          | 1.0181818182 |  |
|                | 36   | 2    | 2           | 3           | -15         | 1           | -17         | -18         | 1.0555555556 |  |
|                | 42   | 2    | 0           | 0           | -13         | 0           | -13         | -13         | 1.0576923077 |  |
|                | 56   | 2    | 0           | 3           | -14         | 3           | -14         | -17         | 1.0178571429 |  |
| A04_004        | 3    | 2    | 4           | 1           | -5          | -3          | -9          | -6          | 0.9821428571 |  |
| AC1_016 (5.19) | 11   | 4    | -1          | 5           | -5          | 6           | -4          | -10         | 1.1052631579 |  |
|                | 47   | 4    | 0           | -4          | -4          | -4          | -4          | 0           | 1.1228070175 |  |
|                | 53   | 4    | 3           | 8           | 3           | 5           | 0           | -5          | 1.0862068966 |  |
| AC1_017        | 43   | 3    | 0           | 1           | -11         | 1           | -11         | -12         | 0.9482758621 |  |
|                | 58   | 3    | -4          | -2          | -16         | 2           | -12         | -14         | 1.0535714286 |  |
| AC1_008 (5.14) | 35   | 3    | -3          | -4          | -12         | -1          | -9          | -8          | 1.0192307692 |  |
| AC1_013 (5.14) | 7    | 4    | 1           | 6           | -9          | 5           | -10         | -15         | 1.1129032258 |  |
| AC2_000 (5.14) | 10   | 4    | 5           | -4          | -8          | -9          | -13         | -4          | 1.0847457627 |  |
|                | 20   | 1    | 4           | 4           | 2           | 0           | -2          | -2          | 1.0384615385 |  |
|                | 36   | 2    | -1          | 1           | -9          | 2           | -8          | -10         | 1.1224489796 |  |
|                | 48   | 1    | -4          | 0           | -14         | 4           | -10         | -14         | 1.0357142857 |  |
| AC2_005 (5.14) | 13   | 4    | 5           | 2           | -4          | -3          | -9          | -6          | 1.1454545455 |  |
|                | 16   | 3    | -3          | -7          | -9          | -4          | -6          | -2          | 1.0377358491 |  |
|                | 26   | 4    | 2           | 5           | -7          | 3           | -9          | -12         | 1.2115384615 |  |
| AC2_009 (5.14) | 4    | 4    | -3          | -4          | -10         | -1          | -7          | -6          | 1            |  |
| AC2_013 (5.14) | 47   | 4    | -3          | 3           | -8          | 6           | -5          | -11         | 1.1509433962 |  |
| AC2_014        | 10   | 2    | 2           | -1          | -3          | -3          | -5          | -2          | 0.9333333333 |  |
|                | 50   | 2    | 1           | 2           | -9          | 1           | -10         | -11         | 0.9310344828 |  |
|                | 51   | 2    | -1          | -1          | 0           | 0           | 1           | 1           | 0.9661016949 |  |
|                | 59   | 1    | -4          | 0           | -1          | 4           | 3           | -1          | 1.0350877193 |  |

|                | Time | Chan | Signal      |             |             |             |             | Noise       |              |  |
|----------------|------|------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|--|
|                |      |      | Peak dB 4-3 | Peak dB 4-2 | Peak dB 4-1 | Peak dB 3-2 | Peak dB 3-1 | Peak dB 2-1 | dB 4:3       |  |
| AC2_015        | 1    | 1    | -4          | -7          | -10         | -3          | -6          | -3          | 0.9322033898 |  |
|                | 11   | 3    | -8          | -10         | -9          | -2          | -1          | 1           | 0.8928571429 |  |
|                | 21   | 1    | -4          | -14         | -23         | -10         | -19         | -9          | 0.95         |  |
| AC2_016        | 57   | 3    | -1          | -3          | -19         | -2          | -18         | -16         | 1            |  |
| AC2_017        | 23   | 3    | 1           | 9           | -9          | 8           | -10         | -18         | 0.9482758621 |  |
|                | 20   | 2    | -7          | 1           | -2          | 8           | 5           | -3          | 0.8923076923 |  |
|                | 29   | 3    | 0           | -15         | -20         | -15         | -20         | -5          | 0.9322033898 |  |
| AC1_013 (5.15) | 42   | 3    | 0           | -3          | -12         | -3          | -12         | -9          | 0.9824561404 |  |
| AC1_015        | 27   | 3    | 1           | -1          | -10         | -2          | -11         | -9          | 0.9818181818 |  |
| AC1_016 (5.15) | 11   | 3    | -2          | -7          | -14         | -5          | -12         | -7          | 0.9821428571 |  |
|                | 16   | 3    | 1           | -4          | -11         | -5          | -12         | -7          | 1.037037037  |  |
|                | 20   | 3    | -4          | -6          | -13         | -2          | -9          | -7          | 1.0555555556 |  |
|                | 42   | 3    | -5          | -6          | -16         | -1          | -11         | -10         | 1.1176470588 |  |
| AC1_019 (5.15) | 30   | 3    | -5          | -3          | -9          | 2           | -4          | -6          | 0.9661016949 |  |
|                | 34   | 3    | -6          | -9          | -17         | -3          | -11         | -8          | 1.0181818182 |  |
|                | 48   | 3    | -6          | -9          | -13         | -3          | -7          | -4          | 1            |  |
| A04_004 (5.18) | 5    | 2    | 2           | 1           | -5          | -1          | -7          | -6          | 1.0178571429 |  |
|                | 17   | 1    | -3          | -9          | -21         | -6          | -18         | -12         | 0.9827586207 |  |
|                | 20   | 2    | -1          | -4          | -13         | -3          | -12         | -9          | 0.9821428571 |  |
|                | 39   | 2    | -6          | -4          | -16         | 2           | -10         | -12         | 1            |  |
|                | 59   | 2    | -3          | 5           | -8          | 8           | -5          | -13         | 1.0344827586 |  |
| A04_005 (5.18) | 21   | 2    | -5          | -7          | -18         | -2          | -13         | -11         | 1.05         |  |
|                | 31   | 2    | -1          | 6           | -12         | 7           | -11         | -18         | 1.05         |  |
|                | 37   | 2    | -1          | 3           | -15         | 4           | -14         | -18         | 1.0169491525 |  |
| A04_012 (5.18) | 28   | 1    | 4           | -4          | -9          | -8          | -13         | -5          | 0.9824561404 |  |
| A04_015        | 33   | 1    | 1           | 1           | -9          | 0           | -10         | -10         | 1            |  |
| A04_019        | 47   | 1    | -2          | 1           | -2          | 3           | 0           | -3          | 1            |  |
| A04_021        | 48   | 1    | -5          | -6          | -11         | -1          | -6          | -5          | 0.9841269841 |  |
| A05_000        | 9    | 1    | -1          | -5          | -10         | -4          | -9          | -5          | 0.9821428571 |  |
|                | 15   | 2    | 6           | 3           | -8          | -3          | -14         | -11         | 1.0178571429 |  |
| A01_000 (5.18) | 41   | 2    | -4          | -5          | -25         | -1          | -21         | -20         | 1.0181818182 |  |
| A01_001 (5.18) | 5    | 2    | -5          | -10         | -16         | -5          | -11         | -6          | 1.0185185185 |  |







|              |      |         |              |              |              |              |              | Signal       |              |
|--------------|------|---------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Time | Chan    | dB 4:2       | dB 4:1       | dB 3:2       | dB 3:1       | dB 2:1       | peak dB 4:3  | peak dB 4:2  |
| May 18, 2009 | 0.7  | 2       | 1.9966793169 | 0.8923076923 | 0.8615384615 | 0.8615384615 | 1.7804054054 | 1.0909090909 | 1.0909090909 |
| A01_000      | 0    | 2       | 2.0009208103 | 0.9838709677 | 0.9193548387 | 0.9193548387 | 1.9002624672 | 1.0980392157 | 1.0980392157 |
|              | 46   | 2       | 2.0513814833 | 0.9538461538 | 0.8923076923 | 0.8923076923 | 1.9425612053 | 1.1818181818 | 1            |
|              | 50   | 2       | 1.9989858012 | 0.8769230769 | 0.8153846154 | 0.8153846154 | 1.9879032258 | 0.9433962264 | 0.9615384615 |
| A01_001      | 1    | 2       | 2.0024618415 | 0.8615384615 | 0.8461538462 | 0.8461538462 | 1.9872798434 | 0.8620689655 | 1.0638297872 |
|              | 13   | 2       | 1.9362101313 | 0.90625      | 0.859375     | 0.859375     | 1.9559633028 | 1.2444444444 | 1.0980392157 |
|              | 22   | 2       | 2.0081012658 | 0.9047619048 | 0.8571428571 | 0.8571428571 | 1.8827454719 | 0.8571428571 | 0.9130434783 |
|              | 41   | 1       | 1.9576604103 | 0.9841269841 | 0.9365079365 | 0.9365079365 | 1.9648370497 | 1.2826086957 | 1.2040816327 |
| A01_002      | 35   | 2       | 1.9605077574 | 0.9642857143 | 0.8928571429 | 0.8928571429 | 2.1038575668 | 1.1489361702 | 1.2          |
|              | 40   | 2       | 1.9900426743 | 0.9821428571 | 0.875        | 0.875        | 2.0455868089 | 1.1111111111 | 1.2820512821 |
|              | 59   | 1       | 2.0065913371 | 1.0172413793 | 1.0172413793 | 1.0172413793 | 1.6897374702 | 1.0416666667 | 1.0204081633 |
| A01_003      | 11   | 1       | 2.0053294574 | 1.0701754386 | 0.9649122807 | 0.9649122807 | 1.7536108751 | 1            | 1            |
|              | 36   | 1       | 1.9958544445 | 1            | 0.9508196721 | 0.9508196721 | 2.0423330198 | 1.0652173913 | 1.0652173913 |
|              | 46   | 2       | 2.0068027211 | 1.037037037  | 0.9444444444 | 0.9444444444 | 1.9811320755 | 1.0666666667 | 1.4545454545 |
| A01_006      | 15   | 1       | 2.0198863636 | 1.0344827586 | 0.9655172414 | 0.9655172414 | 1.9830985915 | 1.0588235294 | 0.9152542373 |
|              | 55   | 2       | 1.9756209752 | 1.0338983051 | 1            | 1            | 1.9290150843 | 1.1111111111 | 1.1627906977 |
| A01_007      | 8.5  | 1:02 AI | 1.9967456997 | 1.0344827586 | 1.0517241379 | 1.0517241379 | 1.8259762309 | 1.152173913  | 1.1777777778 |
|              | 55   | 1       | 2.0029382958 | 1            | 0.9830508475 | 0.9830508475 | 1.7159663866 | 0.9444444444 | 0.9272727273 |
| A01_008      | 8    | 1       | 2.000870322  | 1.1071428571 | 0.9642857143 | 0.9642857143 | 2.0211081794 | 1.0980392157 | 1.0566037736 |
|              | 15   | 2       | 1.7388362652 | 1.037037037  | 1            | 1            | 1.8964927288 | 1.1176470588 | 1.2127659574 |
| A01_009      | 4    | 2       | 2.0009510223 | 1.0166666667 | 0.95         | 0.95         | 2.0719211823 | 0.8615384615 | 1.0980392157 |
|              | 24   | 1       | 1.9957366177 | 0.9375       | 0.921875     | 0.921875     | 1.9896324222 | 1.02         | 1.1333333333 |
| A01_010      | 19   | 1       | 2            | 0.9836065574 | 0.9344262295 | 0.9344262295 | 1.9925925926 | 1.1395348837 | 0.8166666667 |
|              | 29   | 2       | 2.0139082058 | 1.0181818182 | 0.9272727273 | 0.9272727273 | 1.9953746531 | 1.1          | 0.862745098  |
| A01_011      | 57   | 1:02 AI | 2.0153105862 | 1.0327868852 | 0.9344262295 | 0.9344262295 | 2.0176522507 | 1.1632653061 | 1.0754716981 |
| A02_001      | 2    | 1:02 AI | 2.0330033003 | 0.9365079365 | 0.9047619048 | 0.9047619048 | 1.9748603352 | 1.0754716981 | 1.0961538462 |
|              | 13   | 1:02 AI | 2.0655581948 | 1.0555555556 | 0.9074074074 | 0.9074074074 | 1.8711111111 | 1.1836734694 | 1.1153846154 |
|              | 25   | 1:02 AI | 2.0214220602 | 1.0317460317 | 0.9682539683 | 0.9682539683 | 2.1342412451 | 1.16         | 1.0740740741 |
|              | 43   | 2       | 2.0086621752 | 1.1016949153 | 1.0169491525 | 1.0169491525 | 2.1096446701 | 1.12         | 1            |
|              | 54   | 2       | 2.0089369708 | 1.1379310345 | 1.0344827586 | 1.0344827586 | 1.5484340859 | 1.0625       | 1.02         |
| A03_031      | 22   | 1       | 1.9967228464 | 0.9473684211 | 0.9473684211 | 0.9473684211 | 1.6072234763 | 1            | 0.8888888889 |
| A03_038      | 16   | 1       | 2.0377266046 | 0.9310344828 | 0.9655172414 | 0.9655172414 | 1.526551982  | 1.0714285714 | 0.7894736842 |
| A04_002      | 19   | 2       | 2.0078431373 | 1.0322580645 | 0.9516129032 | 0.9516129032 | 2.0096322242 | 1            | 0.9583333333 |
|              | 22   | 2       | 2.0239661654 | 0.935483871  | 0.8870967742 | 0.8870967742 | 1.9962476548 | 1            | 1.0909090909 |

|                |      |      |              |              |              |              |              | Signal       |              |
|----------------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Time | Chan | dB 4:2       | dB 4:1       | dB 3:2       | dB 3:1       | dB 2:1       | peak dB 4:3  | peak dB 4:2  |
|                | 25   | 2    | 2.0036363636 | 1.0161290323 | 0.9032258065 | 0.9032258065 | 2.0128087832 | 1.0980392157 | 1.3658536585 |
|                | 36   | 2    | 1.9899122807 | 0.9692307692 | 0.8923076923 | 0.8923076923 | 1.9982471516 | 1.243902439  | 1.5454545455 |
|                | 38   | 2    | 1.9918543364 | 0.8939393939 | 0.8636363636 | 0.8636363636 | 2.030155642  | 0.9791666667 | 1            |
|                | 45   | 2    | 1.994546356  | 0.890625     | 0.890625     | 0.890625     | 2.1595289079 | 0.7647058824 | 0.829787234  |
| A04_003        | 3    | 2    | 1.9924206537 | 0.90625      | 0.875        | 0.875        | 2.027857829  | 1            | 1.1111111111 |
|                | 5    | 2    | 1.9957040573 | 0.875        | 0.875        | 0.875        | 2.0183044316 | 1.1162790698 | 1.0909090909 |
|                | 7    | 2    | 1.9952403617 | 0.8666666667 | 0.8833333333 | 0.8833333333 | 2.0143815916 | 0.9574468085 | 1.0714285714 |
|                | 11   | 2    | 2.0051162791 | 0.90625      | 0.859375     | 0.859375     | 2.0476190476 | 1.0754716981 | 1.2666666667 |
|                | 16   | 2    | 2.0172494172 | 0.8888888889 | 0.873015873  | 0.873015873  | 2.0351043643 | 1.0652173913 | 1.1395348837 |
|                | 26   | 2    | 1.9765085214 | 0.875        | 0.859375     | 0.859375     | 2.2175689479 | 1.0588235294 | 1.0188679245 |
|                | 36   | 2    | 2.0056630486 | 0.9047619048 | 0.8571428571 | 0.8571428571 | 1.9729981378 | 1.0434782609 | 1.0666666667 |
|                | 42   | 2    | 2.0094741829 | 0.9016393443 | 0.8524590164 | 0.8524590164 | 1.9546296296 | 1            | 1            |
|                | 56   | 2    | 2.0057692308 | 0.9344262295 | 0.9180327869 | 0.9180327869 | 2.0594059406 | 1            | 1.0681818182 |
| A04_004        | 3    | 2    | 2.0037488285 | 0.8870967742 | 0.9032258065 | 0.9032258065 | 2.0132075472 | 1.0869565217 | 1.0204081633 |
| AC1_016 (5.19) | 11   | 4    | 2.0032972209 | 0.984375     | 0.890625     | 0.890625     | 2.0142314991 | 0.9818181818 | 1.1020408163 |
|                | 47   | 4    | 2.0037453184 | 1.0158730159 | 0.9047619048 | 0.9047619048 | 1.9906803355 | 1            | 0.9272727273 |
|                | 53   | 4    | 2.0134809822 | 1            | 0.9206349206 | 0.9206349206 | 2.0382728165 | 1.0526315789 | 1.1538461538 |
| AC1_017        | 43   | 3    | 1.9980852082 | 0.8870967742 | 0.935483871  | 0.935483871  | 2.0164092664 | 1            | 1.0204081633 |
|                | 58   | 3    | 1.9986351228 | 1.0172413793 | 0.9655172414 | 0.9655172414 | 2.4395116537 | 0.914893617  | 0.9555555556 |
| AC1_008 (5.14) | 35   | 3    | 2.010430839  | 0.9636363636 | 0.9454545455 | 0.9454545455 | 1.5539112051 | 0.9361702128 | 0.9166666667 |
| AC1_013 (5.14) | 7    | 4    | 2.0013100437 | 1.15         | 1.0333333333 | 1.0333333333 | 2.0087719298 | 1.0192307692 | 1.1276595745 |
| AC2_000 (5.14) | 10   | 4    | 2.0064102564 | 1.1228070175 | 1.0350877193 | 1.0350877193 | 1.6815920398 | 1.1136363636 | 0.9245283019 |
|                | 20   | 1    | 1.9063973064 | 1.0384615385 | 1            | 1            | 2.1214285714 | 1.0784313725 | 1.0784313725 |
|                | 36   | 2    | 2.0247279921 | 0.8870967742 | 0.7903225806 | 0.7903225806 | 2.0179640719 | 0.9814814815 | 1.0192307692 |
|                | 48   | 1    | 1.9703163017 | 0.90625      | 0.875        | 0.875        | 2.0029239766 | 0.9245283019 | 1            |
| AC2_005 (5.14) | 13   | 4    | 2.0024715769 | 1.0862068966 | 0.9482758621 | 0.9482758621 | 2.0189620758 | 1.1020408163 | 1.0384615385 |
|                | 16   | 3    | 1.9945848375 | 0.9166666667 | 0.8833333333 | 0.8833333333 | 2.0367647059 | 0.9433962264 | 0.8771929825 |
|                | 26   | 4    | 1.9943046986 | 1.0677966102 | 0.8813559322 | 0.8813559322 | 2.0779092702 | 1.04         | 1.1063829787 |
| AC2_009 (5.14) | 4    | 4    | 1.9774089442 | 0.9152542373 | 0.9152542373 | 0.9152542373 | 1.8303797468 | 0.9423076923 | 0.9245283019 |
| AC2_013 (5.14) | 47   | 4    | 2.0028024288 | 1.0892857143 | 0.9464285714 | 0.9464285714 | 1.942831216  | 0.94         | 1.0681818182 |
| AC2_014        | 10   | 2    | 1.9962581852 | 0.8888888889 | 0.9523809524 | 0.9523809524 | 2.0717054264 | 1.037037037  | 0.9824561404 |
|                | 50   | 2    | 2.0170454545 | 0.84375      | 0.90625      | 0.90625      | 2.0052585451 | 1.023255814  | 1.0476190476 |
|                | 51   | 2    | 2.0009469697 | 0.8769230769 | 0.9076923077 | 0.9076923077 | 2            | 0.9811320755 | 0.9811320755 |
|                | 59   | 1    | 2.0013256739 | 0.8550724638 | 0.8260869565 | 0.8260869565 | 2.0151380232 | 0.9230769231 | 1            |



|                       |      |      |              |              |              |              |              | Signal       |              |
|-----------------------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                       | Time | Chan | dB 4:2       | dB 4:1       | dB 3:2       | dB 3:1       | dB 2:1       | peak dB 4:3  | peak dB 4:2  |
| <b>AC2_015</b>        | 1    | 1    | 1.9949215143 | 0.8088235294 | 0.8676470588 | 0.8676470588 | 1.9981549815 | 0.9215686275 | 0.8703703704 |
|                       | 11   | 3    | 2.0054298643 | 0.8333333333 | 0.9333333333 | 0.9333333333 | 2.0182648402 | 0.8333333333 | 0.8          |
|                       | 21   | 1    | 2            | 0.8260869565 | 0.8695652174 | 0.8695652174 | 2.0481132075 | 0.9183673469 | 0.7627118644 |
| <b>AC2_016</b>        | 57   | 3    | 2.0126012601 | 0.9047619048 | 0.9047619048 | 0.9047619048 | 2.0108597285 | 0.9777777778 | 0.9361702128 |
| <b>AC2_017</b>        | 23   | 3    | 1.9665116279 | 0.8870967742 | 0.935483871  | 0.935483871  | 2.0476190476 | 1.0204081633 | 1.2195121951 |
|                       | 20   | 2    | 2.0066006601 | 0.8923076923 | 1            | 1            | 2.0028328612 | 0.8870967742 | 1.0185185185 |
|                       | 29   | 3    | 2.0063352827 | 0.873015873  | 0.9365079365 | 0.9365079365 | 1.9787849566 | 1            | 0.7368421053 |
| <b>AC1_013 (5.15)</b> | 42   | 3    | 1.8836589698 | 0.9032258065 | 0.9193548387 | 0.9193548387 | 2.0361663653 | 1            | 0.9444444444 |
| <b>AC1_015</b>        | 27   | 3    | 1.9943476213 | 0.8709677419 | 0.8870967742 | 0.8870967742 | 1.947706422  | 1.0196078431 | 0.9811320755 |
| <b>AC1_016 (5.15)</b> | 11   | 3    | 1.9961408587 | 0.873015873  | 0.8888888889 | 0.8888888889 | 2.0126213592 | 0.9615384615 | 0.8771929825 |
|                       | 16   | 3    | 1.9627906977 | 0.8888888889 | 0.8571428571 | 0.8571428571 | 2.079303675  | 1.0192307692 | 0.9298245614 |
|                       | 20   | 3    | 1.9882352941 | 0.9193548387 | 0.8709677419 | 0.8709677419 | 1.9178700361 | 0.9245283019 | 0.8909090909 |
|                       | 42   | 3    | 2.0124711316 | 0.95         | 0.85         | 0.85         | 1.9193262411 | 0.9          | 0.8823529412 |
| <b>AC1_019 (5.15)</b> | 30   | 3    | 2.0169571361 | 0.9344262295 | 0.9672131148 | 0.9672131148 | 1.9057450628 | 0.9137931034 | 0.9464285714 |
|                       | 34   | 3    | 1.9566220581 | 0.9032258065 | 0.8870967742 | 0.8870967742 | 1.9898989899 | 0.8867924528 | 0.8392857143 |
|                       | 48   | 3    | 1.7855924979 | 0.8571428571 | 0.8571428571 | 0.8571428571 | 2.0724381625 | 0.8909090909 | 0.8448275862 |
| <b>A04_004 (5.18)</b> | 5    | 2    | 1.9930651872 | 0.9193548387 | 0.9032258065 | 0.9032258065 | 2.0158434296 | 1.0434782609 | 1.0212765957 |
|                       | 17   | 1    | 2.0042654028 | 0.890625     | 0.90625      | 0.90625      | 2.0995024876 | 0.9375       | 0.8333333333 |
|                       | 20   | 2    | 1.9628759398 | 0.873015873  | 0.8888888889 | 0.8888888889 | 2.0520732883 | 0.9791666667 | 0.9215686275 |
|                       | 39   | 2    | 1.9924134661 | 0.9344262295 | 0.9344262295 | 0.9344262295 | 2.0922619048 | 0.8823529412 | 0.9183673469 |
|                       | 59   | 2    | 1.9613773848 | 0.9523809524 | 0.9206349206 | 0.9206349206 | 1.9571948998 | 0.9473684211 | 1.1020408163 |
| <b>A04_005 (5.18)</b> | 21   | 2    | 1.9981006648 | 0.984375     | 0.9375       | 0.9375       | 2.0406976744 | 0.8979591837 | 0.862745098  |
|                       | 31   | 2    | 2.0075365049 | 0.9545454545 | 0.9090909091 | 0.9090909091 | 1.8754416961 | 0.9814814815 | 1.1276595745 |
|                       | 37   | 2    | 1.9851851852 | 0.9375       | 0.921875     | 0.921875     | 2.0111731844 | 0.9777777778 | 1.0731707317 |
| <b>A04_012 (5.18)</b> | 28   | 1    | 1.9175579323 | 0.8615384615 | 0.8769230769 | 0.8769230769 | 2.0511882998 | 1.085106383  | 0.9272727273 |
| <b>A04_015</b>        | 33   | 1    | 2.0341394026 | 0.9090909091 | 0.9090909091 | 0.9090909091 | 2.0162523901 | 1.0175438596 | 1.0175438596 |
| <b>A04_019</b>        | 47   | 1    | 2.018448439  | 1.0161290323 | 1.0161290323 | 1.0161290323 | 1.7075928918 | 0.9677419355 | 1.0169491525 |
| <b>A04_021</b>        | 48   | 1    | 1.9966730038 | 0.9393939394 | 0.9545454545 | 0.9545454545 | 1.748960931  | 0.9180327869 | 0.9032258065 |
| <b>A05_000</b>        | 9    | 1    | 2.01947209   | 0.8870967742 | 0.9032258065 | 0.9032258065 | 1.9020576132 | 0.9803921569 | 0.9090909091 |
|                       | 15   | 2    | 1.9019264448 | 0.9047619048 | 0.8888888889 | 0.8888888889 | 2.0820419325 | 1.12         | 1.0566037736 |
| <b>A01_000 (5.18)</b> | 41   | 2    | 1.9897297297 | 0.875        | 0.859375     | 0.859375     | 1.9722814499 | 0.9090909091 | 0.8888888889 |
| <b>A01_001 (5.18)</b> | 5    | 2    | 2.0085470085 | 0.8461538462 | 0.8307692308 | 0.8307692308 | 1.9872611465 | 0.9019607843 | 0.8214285714 |







|              |      |         |              |              |              |              | Signal      |             |             |  |
|--------------|------|---------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--|
|              | Time | Chan    | peak dB 4:1  | peak dB 3:2  | peak dB 3:1  | peak dB 2:1  | Size dB 4-3 | Size dB 4-2 | Size dB 4-1 |  |
| May 18, 2009 | 0.7  | 2       | 0.75         | 1            | 0.6875       | 0.6875       | -4          | -9          | 8           |  |
| A01_000      | 0    | 2       | 0.8888888889 | 1            | 0.8095238095 | 0.8095238095 | 1           | -2          | 6           |  |
|              | 46   | 2       | 0.8666666667 | 0.8461538462 | 0.7333333333 | 0.8666666667 | -2          | 4           | 5           |  |
|              | 50   | 2       | 0.7352941176 | 1.0192307692 | 0.7794117647 | 0.7647058824 | 5           | 2           | 11          |  |
| A01_001      | 1    | 2       | 0.8196721311 | 1.2340425532 | 0.9508196721 | 0.7704918033 | 22          | -5          | 5           |  |
|              | 13   | 2       | 0.8888888889 | 0.8823529412 | 0.7142857143 | 0.8095238095 | -5          | -3          | 4           |  |
|              | 22   | 2       | 0.75         | 1.0652173913 | 0.875        | 0.8214285714 | 8           | 2           | 5           |  |
|              | 41   | 1       | 0.9672131148 | 0.9387755102 | 0.7540983607 | 0.8032786885 | -11         | -11         | 0           |  |
| A01_002      | 35   | 2       | 0.9818181818 | 1.0444444444 | 0.8545454545 | 0.8181818182 | -1          | -4          | 0           |  |
|              | 40   | 2       | 0.8771929825 | 1.1538461538 | 0.7894736842 | 0.6842105263 | 5           | -6          | 8           |  |
|              | 59   | 1       | 0.8928571429 | 0.9795918367 | 0.8571428571 | 0.875        | -1          | -1          | 6           |  |
| A01_003      | 11   | 1       | 0.8771929825 | 1            | 0.8771929825 | 0.8771929825 | 1           | -1          | 6           |  |
|              | 36   | 1       | 0.8166666667 | 1            | 0.7666666667 | 0.7666666667 | -5          | -7          | 7           |  |
|              | 46   | 2       | 0.9411764706 | 1.3636363636 | 0.8823529412 | 0.6470588235 | 3           | -11         | 3           |  |
| A01_006      | 15   | 1       | 0.9473684211 | 0.8644067797 | 0.8947368421 | 1.0350877193 | -3          | 3           | 0           |  |
|              | 55   | 2       | 0.9090909091 | 1.0465116279 | 0.8181818182 | 0.7818181818 | 0           | -3          | 3           |  |
| A01_007      | 8.5  | 1:02 AI | 0.9298245614 | 1.0222222222 | 0.8070175439 | 0.7894736842 | -6          | -10         | 2           |  |
|              | 55   | 1       | 0.8947368421 | 0.9818181818 | 0.9473684211 | 0.9649122807 | 0           | 2           | 4           |  |
| A01_008      | 8    | 1       | 1.037037037  | 0.9622641509 | 0.9444444444 | 0.9814814815 | -5          | -4          | -6          |  |
|              | 15   | 2       | 1.0178571429 | 1.085106383  | 0.9107142857 | 0.8392857143 | -3          | -9          | -6          |  |
| A01_009      | 4    | 2       | 0.9491525424 | 1.2745098039 | 1.1016949153 | 0.8644067797 | 12          | -4          | -1          |  |
|              | 24   | 1       | 0.8360655738 | 1.1111111111 | 0.8196721311 | 0.737704918  | 0           | -7          | 5           |  |
| A01_010      | 19   | 1       | 0.8166666667 | 0.7166666667 | 0.7166666667 | 1            | -8          | 7           | 5           |  |
|              | 29   | 2       | 0.7857142857 | 0.7843137255 | 0.7142857143 | 0.9107142857 | 0           | 8           | 7           |  |
| A01_011      | 57   | 1:02 AI | 0.9827586207 | 0.9245283019 | 0.8448275862 | 0.9137931034 | -5          | -4          | -4          |  |
| A02_001      | 2    | 1:02 AI | 0.9344262295 | 1.0192307692 | 0.868852459  | 0.8524590164 | -2          | -6          | 0           |  |
|              | 13   | 1:02 AI | 1.0545454545 | 0.9423076923 | 0.8909090909 | 0.9454545455 | -5          | -3          | -6          |  |
|              | 25   | 1:02 AI | 0.9206349206 | 0.9259259259 | 0.7936507937 | 0.8571428571 | -3          | -1          | 4           |  |
|              | 43   | 2       | 1            | 0.8928571429 | 0.8928571429 | 1            | 1           | 8           | 7           |  |
|              | 54   | 2       | 0.85         | 0.96         | 0.8          | 0.8333333333 | 1           | 5           | 15          |  |
| A03_031      | 22   | 1       | 0.8          | 0.8888888889 | 0.8          | 0.9          | 1           | 2           | 6           |  |
| A03_038      | 16   | 1       | 0.7627118644 | 0.7368421053 | 0.7118644068 | 0.9661016949 | -5          | 4           | 6           |  |
| A04_002      | 19   | 2       | 0.8363636364 | 0.9583333333 | 0.8363636364 | 0.8727272727 | 5           | 7           | 9           |  |
|              | 22   | 2       | 0.8          | 1.0909090909 | 0.8          | 0.7333333333 | 2           | -4          | 9           |  |

|                |      |      |              |              |              |              | Signal      |             |             |  |
|----------------|------|------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|--|
|                | Time | Chan | peak dB 4:1  | peak dB 3:2  | peak dB 3:1  | peak dB 2:1  | Size dB 4-3 | Size dB 4-2 | Size dB 4-1 |  |
|                | 25   | 2    | 1.037037037  | 1.243902439  | 0.9444444444 | 0.7592592593 | 2           | -12         | -4          |  |
|                | 36   | 2    | 1.1590909091 | 1.2424242424 | 0.9318181818 | 0.75         | -3          | -14         | -8          |  |
|                | 38   | 2    | 0.7966101695 | 1.0212765957 | 0.813559322  | 0.7966101695 | 3           | 0           | 7           |  |
|                | 45   | 2    | 0.6290322581 | 1.085106383  | 0.8225806452 | 0.7580645161 | 15          | 9           | 21          |  |
| A04_003        | 3    | 2    | 0.8064516129 | 1.1111111111 | 0.8064516129 | 0.7258064516 | 2           | -3          | 8           |  |
|                | 5    | 2    | 0.8421052632 | 0.9772727273 | 0.7543859649 | 0.7719298246 | -2          | -2          | 7           |  |
|                | 7    | 2    | 0.7894736842 | 1.119047619  | 0.8245614035 | 0.7368421053 | 6           | 1           | 10          |  |
|                | 11   | 2    | 0.9344262295 | 1.1777777778 | 0.868852459  | 0.737704918  | 1           | -8          | 2           |  |
|                | 16   | 2    | 0.7777777778 | 1.0697674419 | 0.7301587302 | 0.6825396825 | 2           | -3          | 11          |  |
|                | 26   | 2    | 0.8709677419 | 0.9622641509 | 0.8225806452 | 0.8548387097 | 2           | 2           | 6           |  |
|                | 36   | 2    | 0.7619047619 | 1.0222222222 | 0.7301587302 | 0.7142857143 | 3           | 0           | 12          |  |
|                | 42   | 2    | 0.7833333333 | 1            | 0.7833333333 | 0.7833333333 | 5           | 4           | 13          |  |
|                | 56   | 2    | 0.7704918033 | 1.0681818182 | 0.7704918033 | 0.7213114754 | 4           | -1          | 11          |  |
| A04_004        | 3    | 2    | 0.9090909091 | 0.9387755102 | 0.8363636364 | 0.8909090909 | 1           | 2           | 4           |  |
| AC1_016 (5.19) | 11   | 4    | 0.9152542373 | 1.1224489796 | 0.9322033898 | 0.8305084746 | 9           | 2           | 7           |  |
|                | 47   | 4    | 0.9272727273 | 0.9272727273 | 0.9272727273 | 1            | 10          | 13          | 8           |  |
|                | 53   | 4    | 1.0526315789 | 1.0961538462 | 1            | 0.9122807018 | 13          | -2          | -3          |  |
| AC1_017        | 43   | 3    | 0.8196721311 | 1.0204081633 | 0.8196721311 | 0.8032786885 | -1          | -6          | 4           |  |
|                | 58   | 3    | 0.7288135593 | 1.0444444444 | 0.7966101695 | 0.7627118644 | 4           | -2          | 10          |  |
| AC1_008 (5.14) | 35   | 3    | 0.7857142857 | 0.9791666667 | 0.8392857143 | 0.8571428571 | 1           | -2          | 4           |  |
| AC1_013 (5.14) | 7    | 4    | 0.8548387097 | 1.1063829787 | 0.8387096774 | 0.7580645161 | 7           | 4           | 13          |  |
| AC2_000 (5.14) | 10   | 4    | 0.8596491228 | 0.8301886792 | 0.7719298246 | 0.9298245614 | 3           | 11          | 16          |  |
|                | 20   | 1    | 1.0377358491 | 1            | 0.9622641509 | 0.9622641509 | -4          | -9          | -7          |  |
|                | 36   | 2    | 0.8548387097 | 1.0384615385 | 0.8709677419 | 0.8387096774 | -1          | -3          | 6           |  |
|                | 48   | 1    | 0.7777777778 | 1.0816326531 | 0.8412698413 | 0.7777777778 | 3           | -5          | 5           |  |
| AC2_005 (5.14) | 13   | 4    | 0.9310344828 | 0.9423076923 | 0.8448275862 | 0.8965517241 | -2          | 0           | 3           |  |
|                | 16   | 3    | 0.8474576271 | 0.9298245614 | 0.8983050847 | 0.9661016949 | 2           | 3           | 3           |  |
|                | 26   | 4    | 0.8813559322 | 1.0638297872 | 0.8474576271 | 0.7966101695 | 4           | 2           | 9           |  |
| AC2_009 (5.14) | 4    | 4    | 0.8305084746 | 0.9811320755 | 0.8813559322 | 0.8983050847 | 1           | 0           | 3           |  |
| AC2_013 (5.14) | 47   | 4    | 0.8545454545 | 1.1363636364 | 0.9090909091 | 0.8          | 8           | 2           | 9           |  |
| AC2_014        | 10   | 2    | 0.9491525424 | 0.9473684211 | 0.9152542373 | 0.9661016949 | -7          | -5          | -7          |  |
|                | 50   | 2    | 0.8301886792 | 1.0238095238 | 0.8113207547 | 0.7924528302 | -2          | -6          | 4           |  |
|                | 51   | 2    | 1            | 1            | 1.0192307692 | 1.0192307692 | -3          | -4          | -7          |  |
|                | 59   | 1    | 0.9795918367 | 1.0833333333 | 1.0612244898 | 0.9795918367 | 3           | -7          | -10         |  |

|                |      |      |              |              |              |              | Signal      |             |             |
|----------------|------|------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|
|                | Time | Chan | peak dB 4:1  | peak dB 3:2  | peak dB 3:1  | peak dB 2:1  | Size dB 4-3 | Size dB 4-2 | Size dB 4-1 |
| AC2_015        | 1    | 1    | 0.8245614035 | 0.9444444444 | 0.8947368421 | 0.9473684211 | 2           | 0           | -5          |
|                | 11   | 3    | 0.8163265306 | 0.96         | 0.9795918367 | 1.0204081633 | 7           | 4           | 2           |
|                | 21   | 1    | 0.6617647059 | 0.8305084746 | 0.7205882353 | 0.8676470588 | 1           | 6           | 12          |
| AC2_016        | 57   | 3    | 0.6984126984 | 0.9574468085 | 0.7142857143 | 0.746031746  | -1          | -3          | 12          |
| AC2_017        | 23   | 3    | 0.8474576271 | 1.1951219512 | 0.8305084746 | 0.6949152542 | -4          | -13         | 3           |
|                | 20   | 2    | 0.9649122807 | 1.1481481481 | 1.0877192982 | 0.9473684211 | 3           | -7          | -4          |
|                | 29   | 3    | 0.6774193548 | 0.7368421053 | 0.6774193548 | 0.9193548387 | -2          | 10          | 13          |
| AC1_013 (5.15) | 42   | 3    | 0.8095238095 | 0.9444444444 | 0.8095238095 | 0.8571428571 | 1           | -1          | 2           |
| AC1_015        | 27   | 3    | 0.8387096774 | 0.9622641509 | 0.8225806452 | 0.8548387097 | -2          | -3          | 0           |
| AC1_016 (5.15) | 11   | 3    | 0.78125      | 0.9122807018 | 0.8125       | 0.890625     | 2           | 6           | 8           |
|                | 16   | 3    | 0.828125     | 0.9122807018 | 0.8125       | 0.890625     | -2          | 1           | 1           |
|                | 20   | 3    | 0.7903225806 | 0.9636363636 | 0.8548387097 | 0.8870967742 | 3           | 2           | 5           |
|                | 42   | 3    | 0.737704918  | 0.9803921569 | 0.8196721311 | 0.8360655738 | 7           | 5           | 8           |
| AC1_019 (5.15) | 30   | 3    | 0.8548387097 | 1.0357142857 | 0.935483871  | 0.9032258065 | 1           | -2          | -1          |
|                | 34   | 3    | 0.734375     | 0.9464285714 | 0.828125     | 0.875        | 6           | 7           | 7           |
|                | 48   | 3    | 0.7903225806 | 0.9482758621 | 0.8870967742 | 0.935483871  | 4           | 4           | 1           |
| A04_004 (5.18) | 5    | 2    | 0.9056603774 | 0.9787234043 | 0.8679245283 | 0.8867924528 | 3           | 2           | 4           |
|                | 17   | 1    | 0.6818181818 | 0.8888888889 | 0.7272727273 | 0.8181818182 | 0           | 4           | 11          |
|                | 20   | 2    | 0.7833333333 | 0.9411764706 | 0.8          | 0.85         | 2           | 2           | 5           |
|                | 39   | 2    | 0.737704918  | 1.0408163265 | 0.8360655738 | 0.8032786885 | 13          | 8           | 17          |
|                | 59   | 2    | 0.8709677419 | 1.1632653061 | 0.9193548387 | 0.7903225806 | 11          | -1          | 9           |
| A04_005 (5.18) | 21   | 2    | 0.7096774194 | 0.9607843137 | 0.7903225806 | 0.8225806452 | 10          | 10          | 20          |
|                | 31   | 2    | 0.8153846154 | 1.1489361702 | 0.8307692308 | 0.7230769231 | 10          | 1           | 15          |
|                | 37   | 2    | 0.7457627119 | 1.0975609756 | 0.7627118644 | 0.6949152542 | 5           | -1          | 15          |
| A04_012 (5.18) | 28   | 1    | 0.85         | 0.8545454545 | 0.7833333333 | 0.9166666667 | -5          | -3          | 0           |
| A04_015        | 33   | 1    | 0.8656716418 | 1            | 0.8507462687 | 0.8507462687 | -3          | -6          | 1           |
| A04_019        | 47   | 1    | 0.9677419355 | 1.0508474576 | 1            | 0.9516129032 | 1           | -3          | 2           |
| A04_021        | 48   | 1    | 0.8358208955 | 0.9838709677 | 0.9104477612 | 0.9253731343 | 5           | 3           | 7           |
| A05_000        | 9    | 1    | 0.8333333333 | 0.9272727273 | 0.85         | 0.9166666667 | 1           | 2           | 4           |
|                | 15   | 2    | 0.875        | 0.9433962264 | 0.78125      | 0.828125     | -3          | -1          | 4           |
| A01_000 (5.18) | 41   | 2    | 0.6153846154 | 0.9777777778 | 0.6769230769 | 0.6923076923 | 6           | 1           | 17          |
| A01_001 (5.18) | 5    | 2    | 0.7419354839 | 0.9107142857 | 0.8225806452 | 0.9032258065 | 6           | 5           | 5           |









|              |      |         | Signal      |             |             |              |              |              |               |  |  |
|--------------|------|---------|-------------|-------------|-------------|--------------|--------------|--------------|---------------|--|--|
|              | Time | Chan    | Size dB 3-2 | Size dB 3-1 | Size dB 2-1 | Size dB 4:3  | Size dB 4:2  | Size dB 4:1  | Size dB 3:2   |  |  |
| May 18, 2009 | 0.7  | 2       | -5          | 12          | 17          | 0.7142857143 | 0.5263157895 | 5            | 0.7368421053  |  |  |
| A01_000      | 0    | 2       | -3          | 5           | 8           | 1.125        | 0.8181818182 | 3            | 0.7272727273  |  |  |
|              | 46   | 2       | 6           | 7           | 1           | 0.8666666667 | 1.4444444444 | 1.625        | 1.6666666667  |  |  |
|              | 50   | 2       | -3          | 6           | 9           | 1.5555555556 | 1.1666666667 | 4.6666666667 | 0.75          |  |  |
| A01_001      | 1    | 2       | -27         | -17         | 10          | -1           | 0.6875       | 1.8333333333 | -0.6875       |  |  |
|              | 13   | 2       | 2           | 9           | 7           | 0.5833333333 | 0.7          | 2.3333333333 | 1.2           |  |  |
|              | 22   | 2       | -6          | -3          | 3           | 2.1428571429 | 1.1538461538 | 1.5          | 0.5384615385  |  |  |
|              | 41   | 1       | 0           | 11          | 11          | 0.3529411765 | 0.3529411765 | 1            | 1             |  |  |
| A01_002      | 35   | 2       | -3          | 1           | 4           | 0.8          | 0.5          | 1            | 0.625         |  |  |
|              | 40   | 2       | -11         | 3           | 14          | 1.8333333333 | 0.6470588235 | 3.6666666667 | 0.3529411765  |  |  |
|              | 59   | 1       | 0           | 7           | 7           | 0.9090909091 | 0.9090909091 | 2.5          | 1             |  |  |
| A01_003      | 11   | 1       | -2          | 5           | 7           | 1.1          | 0.9166666667 | 2.2          | 0.8333333333  |  |  |
|              | 36   | 1       | -2          | 12          | 14          | 0.6666666667 | 0.5882352941 | 3.3333333333 | 0.8823529412  |  |  |
|              | 46   | 2       | -14         | 0           | 14          | 1.3333333333 | 0.5217391304 | 1.3333333333 | 0.3913043478  |  |  |
| A01_006      | 15   | 1       | 6           | 3           | -3          | 0.7          | 1.75         | 1            | 2.5           |  |  |
|              | 55   | 2       | -3          | 3           | 6           | 1            | 0.7857142857 | 1.375        | 0.7857142857  |  |  |
| A01_007      | 8.5  | 1:02 AI | -4          | 8           | 12          | 0.6          | 0.4736842105 | 1.2857142857 | 0.7894736842  |  |  |
|              | 55   | 1       | 2           | 4           | 2           | 1            | 1.3333333333 | 2            | 1.3333333333  |  |  |
| A01_008      | 8    | 1       | 1           | -1          | -2          | 0.5          | 0.5555555556 | 0.4545454545 | 1.1111111111  |  |  |
|              | 15   | 2       | -6          | -3          | 3           | 0.5          | 0.25         | 0.3333333333 | 0.5           |  |  |
| A01_009      | 4    | 2       | -16         | -13         | 3           | -0.714285714 | 0.5555555556 | 0.8333333333 | -0.7777777778 |  |  |
|              | 24   | 1       | -7          | 5           | 12          | 1            | 0.5882352941 | 2            | 0.5882352941  |  |  |
| A01_010      | 19   | 1       | 15          | 13          | -2          | 0.5555555556 | 3.3333333333 | 2            | 6             |  |  |
|              | 29   | 2       | 8           | 7           | -1          | 1            | 2.6          | 2.1666666667 | 2.6           |  |  |
| A01_011      | 57   | 1:02 AI | 1           | 1           | 0           | 0.5          | 0.5555555556 | 0.5555555556 | 1.1111111111  |  |  |
| A02_001      | 2    | 1:02 AI | -4          | 2           | 6           | 0.5          | 0.25         | 1            | 0.5           |  |  |
|              | 13   | 1:02 AI | 2           | -1          | -3          | 0.375        | 0.5          | 0.3333333333 | 1.3333333333  |  |  |
|              | 25   | 1:02 AI | 2           | 7           | 5           | 0.7272727273 | 0.8888888889 | 2            | 1.2222222222  |  |  |
|              | 43   | 2       | 7           | 6           | -1          | 1.0833333333 | 2.6          | 2.1666666667 | 2.4           |  |  |
|              | 54   | 2       | 4           | 14          | 10          | 1.0625       | 1.4166666667 | 8.5          | 1.3333333333  |  |  |
| A03_031      | 22   | 1       | 1           | 5           | 4           | 1.1428571429 | 1.3333333333 | 4            | 1.1666666667  |  |  |
| A03_038      | 16   | 1       | 9           | 11          | 2           | 0.6428571429 | 1.8          | 3            | 2.8           |  |  |
| A04_002      | 19   | 2       | 2           | 4           | 2           | 1.3333333333 | 1.5384615385 | 1.8181818182 | 1.1538461538  |  |  |
|              | 22   | 2       | -6          | 7           | 13          | 1.2          | 0.75         | 4            | 0.625         |  |  |

|                |      |      | Signal      |             |             |              |              |              |              |  |
|----------------|------|------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--|
|                | Time | Chan | Size dB 3-2 | Size dB 3-1 | Size dB 2-1 | Size dB 4:3  | Size dB 4:2  | Size dB 4:1  | Size dB 3:2  |  |
|                | 25   | 2    | -14         | -6          | 8           | 1.3333333333 | 0.4          | 0.6666666667 | 0.3          |  |
|                | 36   | 2    | -11         | -5          | 6           | 0.8235294118 | 0.5          | 0.6363636364 | 0.6071428571 |  |
|                | 38   | 2    | -3          | 4           | 7           | 1.2727272727 | 1            | 2            | 0.7857142857 |  |
|                | 45   | 2    | -6          | 6           | 12          | 2.6666666667 | 1.6          | 8            | 0.6          |  |
| A04_003        | 3    | 2    | -5          | 6           | 11          | 1.2222222222 | 0.7857142857 | 3.6666666667 | 0.6428571429 |  |
|                | 5    | 2    | 0           | 9           | 9           | 0.875        | 0.875        | 2            | 1            |  |
|                | 7    | 2    | -5          | 4           | 9           | 1.4615384615 | 1.0555555556 | 2.1111111111 | 0.7222222222 |  |
|                | 11   | 2    | -9          | 1           | 10          | 1.2          | 0.4285714286 | 1.5          | 0.3571428571 |  |
|                | 16   | 2    | -5          | 9           | 14          | 1.1666666667 | 0.8235294118 | 4.6666666667 | 0.7058823529 |  |
|                | 26   | 2    | 0           | 4           | 4           | 1.2857142857 | 1.2857142857 | 3            | 1            |  |
|                | 36   | 2    | -3          | 9           | 12          | 1.25         | 1            | 5            | 0.8          |  |
|                | 42   | 2    | -1          | 8           | 9           | 1.5          | 1.3636363636 | 7.5          | 0.9090909091 |  |
|                | 56   | 2    | -5          | 7           | 12          | 1.3333333333 | 0.9411764706 | 3.2          | 0.7058823529 |  |
| A04_004        | 3    | 2    | 1           | 3           | 2           | 1.0909090909 | 1.2          | 1.5          | 1.1          |  |
| AC1_016 (5.19) | 11   | 4    | -7          | -2          | 5           | 2.8          | 1.1666666667 | 2            | 0.4166666667 |  |
|                | 47   | 4    | 3           | -2          | -5          | 2.25         | 3.6          | 1.8          | 1.6          |  |
|                | 53   | 4    | -15         | -16         | -1          | -0.857142857 | 0.75         | 0.6666666667 | -0.875       |  |
| AC1_017        | 43   | 3    | -5          | 5           | 10          | 0.875        | 0.5384615385 | 2.3333333333 | 0.6153846154 |  |
|                | 58   | 3    | -6          | 6           | 12          | 1.3636363636 | 0.8823529412 | 3            | 0.6470588235 |  |
| AC1_008 (5.14) | 35   | 3    | -3          | 3           | 6           | 1.1111111111 | 0.8333333333 | 1.6666666667 | 0.75         |  |
| AC1_013 (5.14) | 7    | 4    | -3          | 6           | 9           | 1.7          | 1.3076923077 | 4.25         | 0.7692307692 |  |
| AC2_000 (5.14) | 10   | 4    | 8           | 13          | 5           | 1.2142857143 | 2.8333333333 | 17           | 2.3333333333 |  |
|                | 20   | 1    | -5          | -3          | 2           | 0.4285714286 | 0.25         | 0.3          | 0.5833333333 |  |
|                | 36   | 2    | -2          | 7           | 9           | 0.8888888889 | 0.7272727273 | 4            | 0.8181818182 |  |
|                | 48   | 1    | -8          | 2           | 10          | 1.5          | 0.6428571429 | 2.25         | 0.4285714286 |  |
| AC2_005 (5.14) | 13   | 4    | 2           | 5           | 3           | 0.7777777778 | 1            | 1.75         | 1.2857142857 |  |
|                | 16   | 3    | 1           | 1           | 0           | 1.4          | 1.75         | 1.75         | 1.25         |  |
|                | 26   | 4    | -2          | 5           | 7           | 1.5          | 1.2          | 4            | 0.8          |  |
| AC2_009 (5.14) | 4    | 4    | -1          | 2           | 3           | 1.1666666667 | 1            | 1.75         | 0.8571428571 |  |
| AC2_013 (5.14) | 47   | 4    | -6          | 1           | 7           | 2.6          | 1.1818181818 | 3.25         | 0.4545454545 |  |
| AC2_014        | 10   | 2    | 2           | 0           | -2          | 0.2222222222 | 0.2857142857 | 0.2222222222 | 1.2857142857 |  |
|                | 50   | 2    | -4          | 6           | 10          | 0.8947368421 | 0.7391304348 | 1.3076923077 | 0.8260869565 |  |
|                | 51   | 2    | -1          | -4          | -3          | 0.7          | 0.6363636364 | 0.5          | 0.9090909091 |  |
|                | 59   | 1    | -10         | -13         | -3          | 1.375        | 0.6111111111 | 0.5238095238 | 0.4444444444 |  |

|                |      |      | Signal      |             |             |              |              |              |              |  |
|----------------|------|------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--|
|                | Time | Chan | Size dB 3-2 | Size dB 3-1 | Size dB 2-1 | Size dB 4:3  | Size dB 4:2  | Size dB 4:1  | Size dB 3:2  |  |
| AC2_015        | 1    | 1    | -2          | -7          | -5          | 1.25         | 1            | 0.666666667  | 0.8          |  |
|                | 11   | 3    | -3          | -5          | -2          | 1.777777778  | 1.333333333  | 1.1428571429 | 0.75         |  |
|                | 21   | 1    | 5           | 11          | 6           | 1.083333333  | 1.8571428571 | 13           | 1.7142857143 |  |
| AC2_016        | 57   | 3    | -2          | 13          | 15          | 0.9285714286 | 0.8125       | 13           | 0.875        |  |
| AC2_017        | 23   | 3    | -9          | 7           | 16          | 0.666666667  | 0.380952381  | 1.6          | 0.5714285714 |  |
|                | 20   | 2    | -10         | -7          | 3           | 1.6          | 0.533333333  | 0.666666667  | 0.333333333  |  |
|                | 29   | 3    | 12          | 15          | 3           | 0.888888889  | 2.666666667  | 5.333333333  | 3            |  |
| AC1_013 (5.15) | 42   | 3    | -2          | 1           | 3           | 1.166666667  | 0.875        | 1.4          | 0.75         |  |
| AC1_015        | 27   | 3    | -1          | 2           | 3           | 0.666666667  | 0.5714285714 | 1            | 0.8571428571 |  |
| AC1_016 (5.15) | 11   | 3    | 4           | 6           | 2           | 1.2857142857 | 3            | 9            | 2.333333333  |  |
|                | 16   | 3    | 3           | 3           | 0           | 0.666666667  | 1.333333333  | 1.333333333  | 2            |  |
|                | 20   | 3    | -1          | 2           | 3           | 1.6          | 1.333333333  | 2.666666667  | 0.833333333  |  |
|                | 42   | 3    | -2          | 1           | 3           | 2.4          | 1.7142857143 | 3            | 0.7142857143 |  |
| AC1_019 (5.15) | 30   | 3    | -3          | -2          | 1           | 1.25         | 0.7142857143 | 0.833333333  | 0.5714285714 |  |
|                | 34   | 3    | 1           | 1           | 0           | 2.5          | 3.333333333  | 3.333333333  | 1.333333333  |  |
|                | 48   | 3    | 0           | -3          | -3          | 5            | 5            | 1.25         | 1            |  |
| A04_004 (5.18) | 5    | 2    | -1          | 1           | 2           | 1.2727272727 | 1.166666667  | 1.4          | 0.916666667  |  |
|                | 17   | 1    | 4           | 11          | 7           | 1            | 1.4444444444 | 6.5          | 1.4444444444 |  |
|                | 20   | 2    | 0           | 3           | 3           | 1.25         | 1.25         | 2            | 1            |  |
|                | 39   | 2    | -5          | 4           | 9           | 3.6          | 1.8          | 18           | 0.5          |  |
|                | 59   | 2    | -12         | -2          | 10          | 12           | 0.9230769231 | 4            | 0.0769230769 |  |
| A04_005 (5.18) | 21   | 2    | 0           | 10          | 10          | 1.7692307692 | 1.7692307692 | 7.666666667  | 1            |  |
|                | 31   | 2    | -9          | 5           | 14          | 2.4285714286 | 1.0625       | 8.5          | 0.4375       |  |
|                | 37   | 2    | -6          | 10          | 16          | 1.333333333  | 0.9523809524 | 4            | 0.7142857143 |  |
| A04_012 (5.18) | 28   | 1    | 2           | 5           | 3           | 0.5          | 0.625        | 1            | 1.25         |  |
| A04_015        | 33   | 1    | -3          | 4           | 7           | 0.4          | 0.25         | 2            | 0.625        |  |
| A04_019        | 47   | 1    | -4          | 1           | 5           | 1.25         | 0.625        | 1.666666667  | 0.5          |  |
| A04_021        | 48   | 1    | -2          | 2           | 4           | 2.666666667  | 1.6          | 8            | 0.6          |  |
| A05_000        | 9    | 1    | 1           | 3           | 2           | 1.166666667  | 1.4          | 2.333333333  | 1.2          |  |
|                | 15   | 2    | 2           | 7           | 5           | 0.625        | 0.833333333  | 5            | 1.333333333  |  |
| A01_000 (5.18) | 41   | 2    | -5          | 11          | 16          | 1.4          | 1.05         | 5.25         | 0.75         |  |
| A01_001 (5.18) | 5    | 2    | -1          | -1          | 0           | 2.5          | 2            | 2            | 0.8          |  |









|              |      |         |               |              | Signal Peaks |              |              |              |              |
|--------------|------|---------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|
|              | Time | Chan    | Size dB 3:1   | Size dB 2:1  | F1p-F4p (dB) | F1p-F3p (dB) | F1p-F2p (dB) | F2p-F3p (dB) | F2p-F4p (dB) |
| May 18, 2009 | 0.7  | 2       | 7             | 9.5          | 16           | 20           | 20           | 0            | -4           |
| A01_000      | 0    | 2       | 2.6666666667  | 3.6666666667 | 7            | 12           | 12           | 0            | -5           |
|              | 46   | 2       | 1.875         | 1.125        | 8            | 16           | 8            | 8            | 0            |
|              | 50   | 2       | 3             | 4            | 18           | 15           | 16           | -1           | 2            |
| A01_001      | 1    | 2       | -1.8333333333 | 2.6666666667 | 11           | 3            | 14           | -11          | -3           |
|              | 13   | 2       | 4             | 3.3333333333 | 7            | 18           | 12           | 6            | -5           |
|              | 22   | 2       | 0.7           | 1.3          | 14           | 7            | 10           | -3           | 4            |
|              | 41   | 1       | 2.8333333333  | 2.8333333333 | 2            | 15           | 12           | 3            | -10          |
| A01_002      | 35   | 2       | 1.25          | 2            | 1            | 8            | 10           | -2           | -9           |
|              | 40   | 2       | 2             | 5.6666666667 | 7            | 12           | 18           | -6           | -11          |
|              | 59   | 1       | 2.75          | 2.75         | 6            | 8            | 7            | 1            | -1           |
| A01_003      | 11   | 1       | 2             | 2.4          | 7            | 7            | 7            | 0            | 0            |
|              | 36   | 1       | 5             | 5.6666666667 | 11           | 14           | 14           | 0            | -3           |
|              | 46   | 2       | 1             | 2.5555555556 | 3            | 6            | 18           | -12          | -15          |
| A01_006      | 15   | 1       | 1.4285714286  | 0.5714285714 | 3            | 6            | -2           | 8            | 5            |
|              | 55   | 2       | 1.375         | 1.75         | 5            | 10           | 12           | -2           | -7           |
| A01_007      | 8.5  | 1:02 AI | 2.1428571429  | 2.7142857143 | 4            | 11           | 12           | -1           | -8           |
|              | 55   | 1       | 2             | 1.5          | 6            | 3            | 2            | 1            | 4            |
| A01_008      | 8    | 1       | 0.9090909091  | 0.8181818182 | -2           | 3            | 1            | 2            | -3           |
|              | 15   | 2       | 0.6666666667  | 1.3333333333 | -1           | 5            | 9            | -4           | -10          |
| A01_009      | 4    | 2       | -1.1666666667 | 1.5          | 3            | -6           | 8            | -14          | -5           |
|              | 24   | 1       | 2             | 3.4          | 10           | 11           | 16           | -5           | -6           |
| A01_010      | 19   | 1       | 3.6           | 0.6          | 11           | 17           | 0            | 17           | 11           |
|              | 29   | 2       | 2.1666666667  | 0.8333333333 | 12           | 16           | 5            | 11           | 7            |
| A01_011      | 57   | 1:02 AI | 1.1111111111  | 1            | 1            | 9            | 5            | 4            | -4           |
| A02_001      | 2    | 1:02 AI | 2             | 4            | 4            | 8            | 9            | -1           | -5           |
|              | 13   | 1:02 AI | 0.8888888889  | 0.6666666667 | -3           | 6            | 3            | 3            | -6           |
|              | 25   | 1:02 AI | 2.75          | 2.25         | 5            | 13           | 9            | 4            | -4           |
|              | 43   | 2       | 2             | 0.8333333333 | 0            | 6            | 0            | 6            | 0            |
|              | 54   | 2       | 8             | 6            | 9            | 12           | 10           | 2            | -1           |
| A03_031      | 22   | 1       | 3.5           | 3            | 12           | 12           | 6            | 6            | 6            |
| A03_038      | 16   | 1       | 4.6666666667  | 1.6666666667 | 14           | 17           | 2            | 15           | 12           |
| A04_002      | 19   | 2       | 1.3636363636  | 1.1818181818 | 9            | 9            | 7            | 2            | 2            |
|              | 22   | 2       | 3.3333333333  | 5.3333333333 | 12           | 12           | 16           | -4           | -4           |

|                |      |      |              |              | Signal Peaks |              |              |              |              |
|----------------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Time | Chan | Size dB 3:1  | Size dB 2:1  | F1p-F4p (dB) | F1p-F3p (dB) | F1p-F2p (dB) | F2p-F3p (dB) | F2p-F4p (dB) |
|                | 25   | 2    | 0.5          | 1.666666667  | -2           | 3            | 13           | -10          | -15          |
|                | 36   | 2    | 0.7727272727 | 1.2727272727 | -7           | 3            | 11           | -8           | -18          |
|                | 38   | 2    | 1.5714285714 | 2            | 12           | 11           | 12           | -1           | 0            |
|                | 45   | 2    | 3            | 5            | 23           | 11           | 15           | -4           | 8            |
| A04_003        | 3    | 2    | 3            | 4.666666667  | 12           | 12           | 17           | -5           | -5           |
|                | 5    | 2    | 2.2857142857 | 2.2857142857 | 9            | 14           | 13           | 1            | -4           |
|                | 7    | 2    | 1.4444444444 | 2            | 12           | 10           | 15           | -5           | -3           |
|                | 11   | 2    | 1.25         | 3.5          | 4            | 8            | 16           | -8           | -12          |
|                | 16   | 2    | 4            | 5.666666667  | 14           | 17           | 20           | -3           | -6           |
|                | 26   | 2    | 2.3333333333 | 2.3333333333 | 8            | 11           | 9            | 2            | -1           |
|                | 36   | 2    | 4            | 5            | 15           | 17           | 18           | -1           | -3           |
|                | 42   | 2    | 5            | 5.5          | 13           | 13           | 13           | 0            | 0            |
|                | 56   | 2    | 2.4          | 3.4          | 14           | 14           | 17           | -3           | -3           |
| A04_004        | 3    | 2    | 1.375        | 1.25         | 5            | 9            | 6            | 3            | -1           |
| AC1_016 (5.19) | 11   | 4    | 0.7142857143 | 1.7142857143 | 5            | 4            | 10           | -6           | -5           |
|                | 47   | 4    | 0.8          | 0.5          | 4            | 4            | 0            | 4            | 4            |
|                | 53   | 4    | -0.777777778 | 0.888888889  | -3           | 0            | 5            | -5           | -8           |
| AC1_017        | 43   | 3    | 2.666666667  | 4.333333333  | 11           | 11           | 12           | -1           | -1           |
|                | 58   | 3    | 2.2          | 3.4          | 16           | 12           | 14           | -2           | 2            |
| AC1_008 (5.14) | 35   | 3    | 1.5          | 2            | 12           | 9            | 8            | 1            | 4            |
| AC1_013 (5.14) | 7    | 4    | 2.5          | 3.25         | 9            | 10           | 15           | -5           | -6           |
| AC2_000 (5.14) | 10   | 4    | 14           | 6            | 8            | 13           | 4            | 9            | 4            |
|                | 20   | 1    | 0.7          | 1.2          | -2           | 2            | 2            | 0            | -4           |
|                | 36   | 2    | 4.5          | 5.5          | 9            | 8            | 10           | -2           | -1           |
|                | 48   | 1    | 1.5          | 3.5          | 14           | 10           | 14           | -4           | 0            |
| AC2_005 (5.14) | 13   | 4    | 2.25         | 1.75         | 4            | 9            | 6            | 3            | -2           |
|                | 16   | 3    | 1.25         | 1            | 9            | 6            | 2            | 4            | 7            |
|                | 26   | 4    | 2.666666667  | 3.333333333  | 7            | 9            | 12           | -3           | -5           |
| AC2_009 (5.14) | 4    | 4    | 1.5          | 1.75         | 10           | 7            | 6            | 1            | 4            |
| AC2_013 (5.14) | 47   | 4    | 1.25         | 2.75         | 8            | 5            | 11           | -6           | -3           |
| AC2_014        | 10   | 2    | 1            | 0.777777778  | 3            | 5            | 2            | 3            | 1            |
|                | 50   | 2    | 1.4615384615 | 1.7692307692 | 9            | 10           | 11           | -1           | -2           |
|                | 51   | 2    | 0.7142857143 | 0.7857142857 | 0            | -1           | -1           | 0            | 1            |
|                | 59   | 1    | 0.380952381  | 0.8571428571 | 1            | -3           | 1            | -4           | 0            |

|                |      |      |              |              | Signal Peaks |              |              |              |              |
|----------------|------|------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                | Time | Chan | Size dB 3:1  | Size dB 2:1  | F1p-F4p (dB) | F1p-F3p (dB) | F1p-F2p (dB) | F2p-F3p (dB) | F2p-F4p (dB) |
| AC2_015        | 1    | 1    | 0.5333333333 | 0.6666666667 | 10           | 6            | 3            | 3            | 7            |
|                | 11   | 3    | 0.6428571429 | 0.8571428571 | 9            | 1            | -1           | 2            | 10           |
|                | 21   | 1    | 12           | 7            | 23           | 19           | 9            | 10           | 14           |
| AC2_016        | 57   | 3    | 14           | 16           | 19           | 18           | 16           | 2            | 3            |
| AC2_017        | 23   | 3    | 2.4          | 4.2          | 9            | 10           | 18           | -8           | -9           |
|                | 20   | 2    | 0.4166666667 | 1.25         | 2            | -5           | 3            | -8           | -1           |
|                | 29   | 3    | 6            | 2            | 20           | 20           | 5            | 15           | 15           |
| AC1_013 (5.15) | 42   | 3    | 1.2          | 1.6          | 12           | 12           | 9            | 3            | 3            |
| AC1_015        | 27   | 3    | 1.5          | 1.75         | 10           | 11           | 9            | 2            | 1            |
| AC1_016 (5.15) | 11   | 3    | 7            | 3            | 14           | 12           | 7            | 5            | 7            |
|                | 16   | 3    | 2            | 1            | 11           | 12           | 7            | 5            | 4            |
|                | 20   | 3    | 1.6666666667 | 2            | 13           | 9            | 7            | 2            | 6            |
|                | 42   | 3    | 1.25         | 1.75         | 16           | 11           | 10           | 1            | 6            |
| AC1_019 (5.15) | 30   | 3    | 0.6666666667 | 1.1666666667 | 9            | 4            | 6            | -2           | 3            |
|                | 34   | 3    | 1.3333333333 | 1            | 17           | 11           | 8            | 3            | 9            |
|                | 48   | 3    | 0.25         | 0.25         | 13           | 7            | 4            | 3            | 9            |
| A04_004 (5.18) | 5    | 2    | 1.1          | 1.2          | 5            | 7            | 6            | 1            | -1           |
|                | 17   | 1    | 6.5          | 4.5          | 21           | 18           | 12           | 6            | 9            |
|                | 20   | 2    | 1.6          | 1.6          | 13           | 12           | 9            | 3            | 4            |
|                | 39   | 2    | 5            | 10           | 16           | 10           | 12           | -2           | 4            |
|                | 59   | 2    | 0.3333333333 | 4.3333333333 | 8            | 5            | 13           | -8           | -5           |
| A04_005 (5.18) | 21   | 2    | 4.3333333333 | 4.3333333333 | 18           | 13           | 11           | 2            | 7            |
|                | 31   | 2    | 3.5          | 8            | 12           | 11           | 18           | -7           | -6           |
|                | 37   | 2    | 3            | 4.2          | 15           | 14           | 18           | -4           | -3           |
| A04_012 (5.18) | 28   | 1    | 2            | 1.6          | 9            | 13           | 5            | 8            | 4            |
| A04_015        | 33   | 1    | 5            | 8            | 9            | 10           | 10           | 0            | -1           |
| A04_019        | 47   | 1    | 1.3333333333 | 2.6666666667 | 2            | 0            | 3            | -3           | -1           |
| A04_021        | 48   | 1    | 3            | 5            | 11           | 6            | 5            | 1            | 6            |
| A05_000        | 9    | 1    | 2            | 1.6666666667 | 10           | 9            | 5            | 4            | 5            |
|                | 15   | 2    | 8            | 6            | 8            | 14           | 11           | 3            | -3           |
| A01_000 (5.18) | 41   | 2    | 3.75         | 5            | 25           | 21           | 20           | 1            | 5            |
| A01_001 (5.18) | 5    | 2    | 0.8          | 1            | 16           | 11           | 6            | 5            | 10           |







|              | Time | Chan    | F3p-F4p (dB) |
|--------------|------|---------|--------------|
| May 18, 2009 | 0.7  | 2       | -4           |
| A01_000      | 0    | 2       | -5           |
|              | 46   | 2       | -8           |
|              | 50   | 2       | 3            |
| A01_001      | 1    | 2       | 8            |
|              | 13   | 2       | -11          |
|              | 22   | 2       | 7            |
|              | 41   | 1       | -13          |
| A01_002      | 35   | 2       | -7           |
|              | 40   | 2       | -5           |
|              | 59   | 1       | -2           |
| A01_003      | 11   | 1       | 0            |
|              | 36   | 1       | -3           |
|              | 46   | 2       | -3           |
| A01_006      | 15   | 1       | -3           |
|              | 55   | 2       | -5           |
| A01_007      | 8.5  | 1:02 AI | -7           |
|              | 55   | 1       | 3            |
| A01_008      | 8    | 1       | -5           |
|              | 15   | 2       | -6           |
| A01_009      | 4    | 2       | 9            |
|              | 24   | 1       | -1           |
| A01_010      | 19   | 1       | -6           |
|              | 29   | 2       | -4           |
| A01_011      | 57   | 1:02 AI | -8           |
| A02_001      | 2    | 1:02 AI | -4           |
|              | 13   | 1:02 AI | -9           |
|              | 25   | 1:02 AI | -8           |
|              | 43   | 2       | -6           |
|              | 54   | 2       | -3           |
| A03_031      | 22   | 1       | 0            |
| A03_038      | 16   | 1       | -3           |
| A04_002      | 19   | 2       | 0            |
|              | 22   | 2       | 0            |

|                | Time | Chan | F3p-F4p (dB) |
|----------------|------|------|--------------|
|                | 25   | 2    | -5           |
|                | 36   | 2    | -10          |
|                | 38   | 2    | 1            |
|                | 45   | 2    | 12           |
| A04_003        | 3    | 2    | 0            |
|                | 5    | 2    | -5           |
|                | 7    | 2    | 2            |
|                | 11   | 2    | -4           |
|                | 16   | 2    | -3           |
|                | 26   | 2    | -3           |
|                | 36   | 2    | -2           |
|                | 42   | 2    | 0            |
|                | 56   | 2    | 0            |
| A04_004        | 3    | 2    | -4           |
| AC1_016 (5.19) | 11   | 4    | 1            |
|                | 47   | 4    | 0            |
|                | 53   | 4    | -3           |
| AC1_017        | 43   | 3    | 0            |
|                | 58   | 3    | 4            |
| AC1_008 (5.14) | 35   | 3    | 3            |
| AC1_013 (5.14) | 7    | 4    | -1           |
| AC2_000 (5.14) | 10   | 4    | -5           |
|                | 20   | 1    | -4           |
|                | 36   | 2    | 1            |
|                | 48   | 1    | 4            |
| AC2_005 (5.14) | 13   | 4    | -5           |
|                | 16   | 3    | 3            |
|                | 26   | 4    | -2           |
| AC2_009 (5.14) | 4    | 4    | 3            |
| AC2_013 (5.14) | 47   | 4    | 3            |
| AC2_014        | 10   | 2    | -2           |
|                | 50   | 2    | -1           |
|                | 51   | 2    | 1            |
|                | 59   | 1    | 4            |



|                | Time | Chan | F3p-F4p (dB) |
|----------------|------|------|--------------|
| AC2_015        | 1    | 1    | 4            |
|                | 11   | 3    | 8            |
|                | 21   | 1    | 4            |
| AC2_016        | 57   | 3    | 1            |
| AC2_017        | 23   | 3    | -1           |
|                | 20   | 2    | 7            |
|                | 29   | 3    | 0            |
| AC1_013 (5.15) | 42   | 3    | 0            |
| AC1_015        | 27   | 3    | -1           |
| AC1_016 (5.15) | 11   | 3    | 2            |
|                | 16   | 3    | -1           |
|                | 20   | 3    | 4            |
|                | 42   | 3    | 5            |
| AC1_019 (5.15) | 30   | 3    | 5            |
|                | 34   | 3    | 6            |
|                | 48   | 3    | 6            |
| A04_004 (5.18) | 5    | 2    | -2           |
|                | 17   | 1    | 3            |
|                | 20   | 2    | 1            |
|                | 39   | 2    | 6            |
|                | 59   | 2    | 3            |
| A04_005 (5.18) | 21   | 2    | 5            |
|                | 31   | 2    | 1            |
|                | 37   | 2    | 1            |
| A04_012 (5.18) | 28   | 1    | -4           |
| A04_015        | 33   | 1    | -1           |
| A04_019        | 47   | 1    | 2            |
| A04_021        | 48   | 1    | 5            |
| A05_000        | 9    | 1    | 1            |
|                | 15   | 2    | -6           |
| A01_000 (5.18) | 41   | 2    | 4            |
| A01_001 (5.18) | 5    | 2    | 5            |





