

| IEEE 802.11g Low CH Horizontal |        |            |            |            |        |         | IEEE 802.11g Low CH Vertical |        |            |            |            |        |         |
|--------------------------------|--------|------------|------------|------------|--------|---------|------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                           | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                         | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                            | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                          | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2389.968                       | 40.19  | 54.00      | -13.81     | 47.95      | -7.76  | Average | 2389.408                     | 53.76  | 54.00      | -0.24      | 61.52      | -7.76  | Average |
| 2389.968                       | 56.11  | 74.00      | -17.89     | 63.87      | -7.76  | Peak    | 2389.408                     | 71.83  | 74.00      | -2.17      | 79.59      | -7.76  | Peak    |
| 2414.048                       | 79.01  |            |            | 86.72      | -7.71  | Average | 2413.824                     | 93.04  |            |            | 100.75     | -7.71  | Average |
| 2414.048                       | 89.62  |            |            | 97.33      | -7.71  | Peak    | 2413.824                     | 103.70 |            |            | 111.41     | -7.71  | Peak    |
| 3216.000                       | 44.91  | 54.00      | -9.09      | 50.37      | -5.46  | Average | 3216.000                     | 44.37  | 54.00      | -9.63      | 49.83      | -5.46  | Average |
| 3216.000                       | 48.37  | 74.00      | -25.63     | 53.83      | -5.46  | Peak    | 3216.000                     | 47.48  | 74.00      | -26.52     | 52.94      | -5.46  | Peak    |
| 4824.000                       | 29.30  | 54.00      | -24.70     | 30.95      | -1.65  | Average | 4824.000                     | 30.20  | 54.00      | -23.80     | 31.85      | -1.65  | Average |
| 4824.000                       | 42.47  | 74.00      | -31.53     | 44.12      | -1.65  | Peak    | 4824.000                     | 42.98  | 74.00      | -31.02     | 44.63      | -1.65  | Peak    |
| 7236.000                       | 34.55  | 54.00      | -19.45     | 28.98      | 5.57   | Average | 7236.000                     | 36.07  | 54.00      | -17.93     | 30.50      | 5.57   | Average |
| 7236.000                       | 48.67  | 74.00      | -25.33     | 43.10      | 5.57   | Peak    | 7236.000                     | 49.39  | 74.00      | -24.61     | 43.82      | 5.57   | Peak    |

| IEEE 802.11g Middle CH Horizontal |        |            |            |            |        |         | IEEE 802.11g Middle CH Vertical |        |            |            |            |        |         |
|-----------------------------------|--------|------------|------------|------------|--------|---------|---------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                              | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                            | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                               | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                             | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2389.860                          | 39.54  | 54.00      | -14.46     | 47.30      | -7.76  | Average | 2389.860                        | 52.42  | 54.00      | -1.58      | 60.18      | -7.76  | Average |
| 2389.860                          | 53.89  | 74.00      | -20.11     | 61.65      | -7.76  | Peak    | 2389.860                        | 68.85  | 74.00      | -5.15      | 76.61      | -7.76  | Peak    |
| 2434.630                          | 86.20  |            |            | 93.86      | -7.66  | Average | 2435.598                        | 100.39 |            |            | 108.04     | -7.65  | Average |
| 2434.630                          | 96.33  |            |            | 103.99     | -7.66  | Peak    | 2435.598                        | 110.65 |            |            | 118.30     | -7.65  | Peak    |
| 2484.240                          | 39.21  | 54.00      | -14.79     | 46.80      | -7.59  | Average | 2489.080                        | 48.40  | 54.00      | -5.60      | 55.99      | -7.59  | Average |
| 2484.240                          | 53.15  | 74.00      | -20.85     | 60.74      | -7.59  | Peak    | 2489.080                        | 63.52  | 74.00      | -10.48     | 71.11      | -7.59  | Peak    |
| 3249.300                          | 46.69  | 54.00      | -7.31      | 52.05      | -5.36  | Average | 3249.300                        | 46.19  | 54.00      | -7.81      | 51.55      | -5.36  | Average |
| 3249.300                          | 49.05  | 74.00      | -24.95     | 54.41      | -5.36  | Peak    | 3249.300                        | 47.96  | 74.00      | -26.04     | 53.32      | -5.36  | Peak    |
| 4874.000                          | 31.19  | 54.00      | -22.81     | 32.74      | -1.55  | Average | 4874.000                        | 32.27  | 54.00      | -21.73     | 33.82      | -1.55  | Average |
| 4874.000                          | 43.96  | 74.00      | -30.04     | 45.51      | -1.55  | Peak    | 4874.000                        | 44.71  | 74.00      | -29.29     | 46.26      | -1.55  | Peak    |
| 7311.000                          | 35.72  | 54.00      | -18.28     | 30.40      | 5.32   | Average | 7311.000                        | 37.07  | 54.00      | -16.93     | 31.75      | 5.32   | Average |
| 7311.000                          | 49.84  | 74.00      | -24.16     | 44.52      | 5.32   | Peak    | 7311.000                        | 50.25  | 74.00      | -23.75     | 44.93      | 5.32   | Peak    |

| IEEE 802.11g High CH Horizontal |        |            |            |            |        |         | IEEE 802.11g High CH Vertical |        |            |            |            |        |         |
|---------------------------------|--------|------------|------------|------------|--------|---------|-------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                            | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                          | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                             | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                           | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2463.700                        | 79.78  |            |            | 87.40      | -7.62  | Average | 2459.900                      | 94.29  |            |            | 101.91     | -7.62  | Average |
| 2463.700                        | 90.09  |            |            | 97.71      | -7.62  | Peak    | 2459.900                      | 104.77 |            |            | 112.39     | -7.62  | Peak    |
| 2483.700                        | 42.92  | 54.00      | -11.08     | 50.51      | -7.59  | Average | 2483.900                      | 53.62  | 54.00      | -0.38      | 61.21      | -7.59  | Average |
| 2483.700                        | 59.10  | 74.00      | -14.90     | 66.69      | -7.59  | Peak    | 2483.900                      | 73.44  | 74.00      | -0.56      | 81.03      | -7.59  | Peak    |
| 3282.700                        | 47.37  | 54.00      | -6.63      | 52.67      | -5.30  | Average | 3289.300                      | 46.12  | 54.00      | -7.88      | 51.40      | -5.28  | Average |
| 3282.700                        | 48.32  | 74.00      | -25.68     | 53.62      | -5.30  | Peak    | 3289.300                      | 48.40  | 74.00      | -25.60     | 53.68      | -5.28  | Peak    |
| 4924.000                        | 30.25  | 54.00      | -23.75     | 31.68      | -1.43  | Average | 4924.000                      | 30.42  | 54.00      | -23.58     | 31.85      | -1.43  | Average |
| 4924.000                        | 44.54  | 74.00      | -29.46     | 45.97      | -1.43  | Peak    | 4924.000                      | 43.87  | 74.00      | -30.13     | 45.30      | -1.43  | Peak    |
| 7386.000                        | 35.64  | 54.00      | -18.36     | 30.20      | 5.44   | Average | 7386.000                      | 35.09  | 54.00      | -18.91     | 29.65      | 5.44   | Average |
| 7386.000                        | 49.08  | 74.00      | -24.92     | 43.64      | 5.44   | Peak    | 7386.000                      | 48.77  | 74.00      | -25.23     | 43.33      | 5.44   | Peak    |

| IEEE 802.11n HT20 Low CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 Low CH Vertical |        |            |            |            |        |         |
|-------------------------------------|--------|------------|------------|------------|--------|---------|-----------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                              | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                 | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                               | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2388.400                            | 39.54  | 54.00      | -14.46     | 47.31      | -7.77  | Average | 2389.856                          | 53.59  | 54.00      | -0.41      | 61.35      | -7.76  | Average |
| 2388.400                            | 53.83  | 74.00      | -20.17     | 61.60      | -7.77  | Peak    | 2389.856                          | 69.69  | 74.00      | -4.31      | 77.45      | -7.76  | Peak    |
| 2413.488                            | 76.85  |            |            | 84.56      | -7.71  | Average | 2413.824                          | 91.07  |            |            | 98.78      | -7.71  | Average |
| 2413.488                            | 87.58  |            |            | 95.29      | -7.71  | Peak    | 2413.824                          | 102.39 |            |            | 110.10     | -7.71  | Peak    |
| 3216.000                            | 45.22  | 54.00      | -8.78      | 50.68      | -5.46  | Average | 3216.000                          | 44.90  | 54.00      | -9.10      | 50.36      | -5.46  | Average |
| 3216.000                            | 47.69  | 74.00      | -26.31     | 53.15      | -5.46  | Peak    | 3216.000                          | 47.37  | 74.00      | -26.63     | 52.83      | -5.46  | Peak    |
| 4824.000                            | 30.81  | 54.00      | -23.19     | 32.46      | -1.65  | Average | 4824.000                          | 29.80  | 54.00      | -24.20     | 31.45      | -1.65  | Average |
| 4824.000                            | 44.53  | 74.00      | -29.47     | 46.18      | -1.65  | Peak    | 4824.000                          | 42.56  | 74.00      | -31.44     | 44.21      | -1.65  | Peak    |
| 7236.000                            | 34.54  | 54.00      | -19.46     | 28.97      | 5.57   | Average | 7236.000                          | 34.54  | 54.00      | -19.46     | 28.97      | 5.57   | Average |
| 7236.000                            | 48.64  | 74.00      | -25.36     | 43.07      | 5.57   | Peak    | 7236.000                          | 48.41  | 74.00      | -25.59     | 42.84      | 5.57   | Peak    |

| IEEE 802.11n HT20 Middle CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 Middle CH Vertical |        |            |            |            |        |         |
|----------------------------------------|--------|------------|------------|------------|--------|---------|--------------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                   | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                                 | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                    | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                                  | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2389.134                               | 40.05  | 54.00      | -13.95     | 47.81      | -7.76  | Average | 2386.956                             | 53.58  | 54.00      | -0.42      | 61.35      | -7.77  | Average |
| 2389.134                               | 55.02  | 74.00      | -18.98     | 62.78      | -7.76  | Peak    | 2386.956                             | 70.80  | 74.00      | -3.20      | 78.57      | -7.77  | Peak    |
| 2434.388                               | 85.95  |            |            | 93.61      | -7.66  | Average | 2435.356                             | 100.04 |            |            | 107.69     | -7.65  | Average |
| 2434.388                               | 97.13  |            |            | 104.79     | -7.66  | Peak    | 2435.356                             | 111.16 |            |            | 118.81     | -7.65  | Peak    |
| 2483.756                               | 39.24  | 54.00      | -14.76     | 46.83      | -7.59  | Average | 2486.176                             | 48.83  | 54.00      | -5.17      | 56.42      | -7.59  | Average |
| 2483.756                               | 53.10  | 74.00      | -20.90     | 60.69      | -7.59  | Peak    | 2486.176                             | 64.75  | 74.00      | -9.25      | 72.34      | -7.59  | Peak    |
| 3249.300                               | 46.22  | 54.00      | -7.78      | 51.58      | -5.36  | Average | 3249.300                             | 43.18  | 54.00      | -10.82     | 48.54      | -5.36  | Average |
| 3249.300                               | 49.16  | 74.00      | -24.84     | 54.52      | -5.36  | Peak    | 3249.300                             | 46.16  | 74.00      | -27.84     | 51.52      | -5.36  | Peak    |
| 4874.000                               | 31.11  | 54.00      | -22.89     | 32.66      | -1.55  | Average | 4874.000                             | 32.08  | 54.00      | -21.92     | 33.63      | -1.55  | Average |
| 4874.000                               | 44.31  | 74.00      | -29.69     | 45.86      | -1.55  | Peak    | 4874.000                             | 46.22  | 74.00      | -27.78     | 47.77      | -1.55  | Peak    |
| 7311.000                               | 35.54  | 54.00      | -18.46     | 30.22      | 5.32   | Average | 7311.000                             | 37.08  | 54.00      | -16.92     | 31.76      | 5.32   | Average |
| 7311.000                               | 49.10  | 74.00      | -24.90     | 43.78      | 5.32   | Peak    | 7311.000                             | 50.27  | 74.00      | -23.73     | 44.95      | 5.32   | Peak    |

| IEEE 802.11n HT20 High CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 High CH Vertical |        |            |            |            |        |         |
|--------------------------------------|--------|------------|------------|------------|--------|---------|------------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                 | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                               | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                  | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                                | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2470.000                             | 77.63  |            |            | 85.24      | -7.61  | Average | 2460.200                           | 92.68  |            |            | 100.30     | -7.62  | Average |
| 2470.000                             | 88.18  |            |            | 95.79      | -7.61  | Peak    | 2460.200                           | 103.47 |            |            | 111.09     | -7.62  | Peak    |
| 2484.800                             | 39.28  | 54.00      | -14.72     | 46.87      | -7.59  | Average | 2485.000                           | 49.47  | 54.00      | -4.53      | 57.06      | -7.59  | Average |
| 2484.800                             | 53.52  | 74.00      | -20.48     | 61.11      | -7.59  | Peak    | 2485.000                           | 67.23  | 74.00      | -6.77      | 74.82      | -7.59  | Peak    |
| 3282.700                             | 45.34  | 54.00      | -8.66      | 50.64      | -5.30  | Average | 3282.700                           | 43.11  | 54.00      | -10.89     | 48.41      | -5.30  | Average |
| 3282.700                             | 48.56  | 74.00      | -25.44     | 53.86      | -5.30  | Peak    | 3282.700                           | 45.41  | 74.00      | -28.59     | 50.71      | -5.30  | Peak    |
| 4924.000                             | 30.09  | 54.00      | -23.91     | 31.52      | -1.43  | Average | 4924.000                           | 32.18  | 54.00      | -21.82     | 33.61      | -1.43  | Average |
| 4924.000                             | 43.22  | 74.00      | -30.78     | 44.65      | -1.43  | Peak    | 4924.000                           | 44.67  | 74.00      | -29.33     | 46.10      | -1.43  | Peak    |
| 7386.000                             | 34.33  | 54.00      | -19.67     | 28.89      | 5.44   | Average | 7386.000                           | 34.09  | 54.00      | -19.91     | 28.65      | 5.44   | Average |
| 7386.000                             | 49.12  | 74.00      | -24.88     | 43.68      | 5.44   | Peak    | 7386.000                           | 49.15  | 74.00      | -24.85     | 43.71      | 5.44   | Peak    |

| IEEE 802.11n HT40 Low CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 Low CH Vertical |        |               |               |               |        |         |
|-------------------------------------|--------|---------------|---------------|---------------|--------|---------|-----------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                              | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                 | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                               | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2388.144                            | 39.67  | 54.00         | -14.33        | 47.44         | -7.77  | Average | 2387.748                          | 53.16  | 54.00         | -0.84         | 60.93         | -7.77  | Average |
| 2388.144                            | 52.80  | 74.00         | -21.20        | 60.57         | -7.77  | Peak    | 2387.748                          | 67.30  | 74.00         | -6.70         | 75.07         | -7.77  | Peak    |
| 2424.312                            | 71.43  |               |               | 79.11         | -7.68  | Average | 2425.368                          | 85.72  |               |               | 93.39         | -7.67  | Average |
| 2424.312                            | 82.17  |               |               | 89.85         | -7.68  | Peak    | 2425.368                          | 96.74  |               |               | 104.41        | -7.67  | Peak    |
| 3229.300                            | 45.52  | 54.00         | -8.48         | 50.94         | -5.42  | Average | 3229.300                          | 44.14  | 54.00         | -9.86         | 49.56         | -5.42  | Average |
| 3229.300                            | 48.39  | 74.00         | -25.61        | 53.81         | -5.42  | Peak    | 3229.300                          | 46.56  | 74.00         | -27.44        | 51.98         | -5.42  | Peak    |
| 4844.000                            | 28.93  | 54.00         | -25.07        | 30.55         | -1.62  | Average | 4844.000                          | 29.08  | 54.00         | -24.92        | 30.70         | -1.62  | Average |
| 4844.000                            | 43.70  | 74.00         | -30.30        | 45.32         | -1.62  | Peak    | 4844.000                          | 43.40  | 74.00         | -30.60        | 45.02         | -1.62  | Peak    |
| 7266.000                            | 34.28  | 54.00         | -19.72        | 28.86         | 5.42   | Average | 7266.000                          | 35.00  | 54.00         | -19.00        | 29.58         | 5.42   | Average |
| 7266.000                            | 47.34  | 74.00         | -26.66        | 41.92         | 5.42   | Peak    | 7266.000                          | 48.04  | 74.00         | -25.96        | 42.62         | 5.42   | Peak    |

| IEEE 802.11n HT40 Middle CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 Middle CH Vertical |        |               |               |               |        |         |
|----------------------------------------|--------|---------------|---------------|---------------|--------|---------|--------------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                   | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                                 | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                    | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                                  | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2388.408                               | 40.34  | 54.00         | -13.66        | 48.11         | -7.77  | Average | 2389.860                             | 53.77  | 54.00         | -0.23         | 61.53         | -7.76  | Average |
| 2388.408                               | 54.44  | 74.00         | -19.56        | 62.21         | -7.77  | Peak    | 2389.860                             | 70.73  | 74.00         | -3.27         | 78.49         | -7.76  | Peak    |
| 2432.210                               | 76.08  |               |               | 83.74         | -7.66  | Average | 2440.196                             | 90.61  |               |               | 98.26         | -7.65  | Average |
| 2432.210                               | 86.69  |               |               | 94.35         | -7.66  | Peak    | 2440.196                             | 101.43 |               |               | 109.08        | -7.65  | Peak    |
| 2484.966                               | 41.34  | 54.00         | -12.66        | 48.93         | -7.59  | Average | 2484.240                             | 53.28  | 54.00         | -0.72         | 60.87         | -7.59  | Average |
| 2484.966                               | 56.10  | 74.00         | -17.90        | 63.69         | -7.59  | Peak    | 2484.240                             | 71.12  | 74.00         | -2.88         | 78.71         | -7.59  | Peak    |
| 3249.300                               | 46.44  | 54.00         | -7.56         | 51.80         | -5.36  | Average | 3249.300                             | 44.76  | 54.00         | -9.24         | 50.12         | -5.36  | Average |
| 3249.300                               | 49.10  | 74.00         | -24.90        | 54.46         | -5.36  | Peak    | 3249.300                             | 47.13  | 74.00         | -26.87        | 52.49         | -5.36  | Peak    |
| 4874.000                               | 29.50  | 54.00         | -24.50        | 31.05         | -1.55  | Average | 4874.000                             | 29.41  | 54.00         | -24.59        | 30.96         | -1.55  | Average |
| 4874.000                               | 42.80  | 74.00         | -31.20        | 44.35         | -1.55  | Peak    | 4874.000                             | 43.42  | 74.00         | -30.58        | 44.97         | -1.55  | Peak    |
| 7311.000                               | 34.26  | 54.00         | -19.74        | 28.94         | 5.32   | Average | 7311.000                             | 33.97  | 54.00         | -20.03        | 28.65         | 5.32   | Average |
| 7311.000                               | 47.47  | 74.00         | -26.53        | 42.15         | 5.32   | Peak    | 7311.000                             | 48.85  | 74.00         | -25.15        | 43.53         | 5.32   | Peak    |

| IEEE 802.11n HT40 High CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 High CH Vertical |        |               |               |               |        |         |
|--------------------------------------|--------|---------------|---------------|---------------|--------|---------|------------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                 | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                               | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                  | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                                | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2435.360                             | 74.34  |               |               | 81.99         | -7.65  | Average | 2446.400                           | 88.67  |               |               | 96.30         | -7.63  | Average |
| 2435.360                             | 85.03  |               |               | 92.68         | -7.65  | Peak    | 2446.400                           | 99.69  |               |               | 107.32        | -7.63  | Peak    |
| 2490.560                             | 39.96  | 54.00         | -14.04        | 47.55         | -7.59  | Average | 2487.680                           | 51.26  | 54.00         | -2.74         | 58.85         | -7.59  | Average |
| 2490.560                             | 53.52  | 74.00         | -20.48        | 61.11         | -7.59  | Peak    | 2487.680                           | 66.78  | 74.00         | -7.22         | 74.37         | -7.59  | Peak    |
| 3269.300                             | 45.59  | 54.00         | -8.41         | 50.92         | -5.33  | Average | 3269.300                           | 44.21  | 54.00         | -9.79         | 49.54         | -5.33  | Average |
| 3269.300                             | 47.91  | 74.00         | -26.09        | 53.24         | -5.33  | Peak    | 3269.300                           | 46.53  | 74.00         | -27.47        | 51.86         | -5.33  | Peak    |
| 4904.000                             | 29.28  | 54.00         | -24.72        | 30.75         | -1.47  | Average | 4904.000                           | 29.06  | 54.00         | -24.94        | 30.53         | -1.47  | Average |
| 4904.000                             | 42.62  | 74.00         | -31.38        | 44.09         | -1.47  | Peak    | 4904.000                           | 43.13  | 74.00         | -30.87        | 44.60         | -1.47  | Peak    |
| 7356.000                             | 34.02  | 54.00         | -19.98        | 28.75         | 5.27   | Average | 7356.000                           | 33.84  | 54.00         | -20.16        | 28.57         | 5.27   | Average |
| 7356.000                             | 47.72  | 74.00         | -26.28        | 42.45         | 5.27   | Peak    | 7356.000                           | 47.22  | 74.00         | -26.78        | 41.95         | 5.27   | Peak    |

< Dipole Antenna (GW.34.5153) with 3.3V<sub>dc</sub>>

| IEEE 802.11b Low CH Horizontal |        |               |               |               |        |         | IEEE 802.11b Low CH Vertical |        |               |               |               |        |         |
|--------------------------------|--------|---------------|---------------|---------------|--------|---------|------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                           | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                         | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                            | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                          | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2389.632                       | 38.79  | 54.00         | -15.21        | 46.55         | -7.76  | Average | 2387.280                     | 51.33  | 54.00         | -2.67         | 59.10         | -7.77  | Average |
| 2389.632                       | 51.92  | 74.00         | -22.08        | 59.68         | -7.76  | Peak    | 2387.280                     | 59.97  | 74.00         | -14.03        | 67.74         | -7.77  | Peak    |
| 2411.248                       | 91.60  |               |               | 99.31         | -7.71  | Average | 2411.248                     | 105.82 |               |               | 113.53        | -7.71  | Average |
| 2411.248                       | 94.43  |               |               | 102.14        | -7.71  | Peak    | 2411.248                     | 108.51 |               |               | 116.22        | -7.71  | Peak    |
| 3216.000                       | 42.67  | 54.00         | -11.33        | 48.13         | -5.46  | Average | 3216.000                     | 45.43  | 54.00         | -8.57         | 50.89         | -5.46  | Average |
| 3216.000                       | 45.97  | 74.00         | -28.03        | 51.43         | -5.46  | Peak    | 3216.000                     | 47.99  | 74.00         | -26.01        | 53.45         | -5.46  | Peak    |
| 4824.000                       | 43.84  | 54.00         | -10.16        | 45.49         | -1.65  | Average | 4824.000                     | 42.85  | 54.00         | -11.15        | 44.50         | -1.65  | Average |
| 4824.000                       | 47.88  | 74.00         | -26.12        | 49.53         | -1.65  | Peak    | 4824.000                     | 47.08  | 74.00         | -26.92        | 48.73         | -1.65  | Peak    |
| 7236.000                       | 40.12  | 54.00         | -13.88        | 34.55         | 5.57   | Average | 7236.000                     | 43.54  | 54.00         | -10.46        | 37.97         | 5.57   | Average |
| 7236.000                       | 49.73  | 74.00         | -24.27        | 44.16         | 5.57   | Peak    | 7236.000                     | 51.31  | 74.00         | -22.69        | 45.74         | 5.57   | Peak    |

| IEEE 802.11b Middle CH Horizontal |        |               |               |               |        |         | IEEE 802.11b Middle CH Vertical |        |               |               |               |        |         |
|-----------------------------------|--------|---------------|---------------|---------------|--------|---------|---------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                              | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                            | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                               | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                             | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2383.568                          | 37.53  | 54.00         | -16.47        | 45.31         | -7.78  | Average | 2385.262                        | 43.78  | 54.00         | -10.22        | 51.55         | -7.77  | Average |
| 2383.568                          | 51.53  | 74.00         | -22.47        | 59.31         | -7.78  | Peak    | 2385.262                        | 57.48  | 74.00         | -16.52        | 65.25         | -7.77  | Peak    |
| 2436.324                          | 95.54  |               |               | 103.19        | -7.65  | Average | 2438.018                        | 106.97 |               |               | 114.62        | -7.65  | Average |
| 2436.324                          | 98.29  |               |               | 105.94        | -7.65  | Peak    | 2438.018                        | 109.56 |               |               | 117.21        | -7.65  | Peak    |
| 2532.398                          | 38.28  | 54.00         | -15.72        | 45.74         | -7.46  | Average | 2484.966                        | 44.17  | 54.00         | -9.83         | 51.76         | -7.59  | Average |
| 2532.398                          | 51.74  | 74.00         | -22.26        | 59.20         | -7.46  | Peak    | 2484.966                        | 57.24  | 74.00         | -16.76        | 64.83         | -7.59  | Peak    |
| 3249.300                          | 44.86  | 54.00         | -9.14         | 50.22         | -5.36  | Average | 3249.300                        | 47.07  | 54.00         | -6.93         | 52.43         | -5.36  | Average |
| 3249.300                          | 47.59  | 74.00         | -26.41        | 52.95         | -5.36  | Peak    | 3249.300                        | 49.14  | 74.00         | -24.86        | 54.50         | -5.36  | Peak    |
| 4874.000                          | 47.99  | 54.00         | -6.01         | 49.54         | -1.55  | Average | 4874.000                        | 50.16  | 54.00         | -3.84         | 51.71         | -1.55  | Average |
| 4874.000                          | 50.83  | 74.00         | -23.17        | 52.38         | -1.55  | Peak    | 4874.000                        | 52.56  | 74.00         | -21.44        | 54.11         | -1.55  | Peak    |
| 7311.000                          | 44.84  | 54.00         | -9.16         | 39.52         | 5.32   | Average | 7311.000                        | 48.63  | 54.00         | -5.37         | 43.31         | 5.32   | Average |
| 7311.000                          | 51.94  | 74.00         | -22.06        | 46.62         | 5.32   | Peak    | 7311.000                        | 54.29  | 74.00         | -19.71        | 48.97         | 5.32   | Peak    |

| IEEE 802.11b High CH Horizontal |        |               |               |               |        |         | IEEE 802.11b High CH Vertical |        |               |               |               |        |         |
|---------------------------------|--------|---------------|---------------|---------------|--------|---------|-------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                            | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                          | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                             | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                           | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2462.800                        | 91.93  |               |               | 99.55         | -7.62  | Average | 2461.200                      | 104.68 |               |               | 112.30        | -7.62  | Average |
| 2462.800                        | 94.82  |               |               | 102.44        | -7.62  | Peak    | 2461.200                      | 107.50 |               |               | 115.12        | -7.62  | Peak    |
| 2485.100                        | 40.63  | 54.00         | -13.37        | 48.22         | -7.59  | Average | 2486.700                      | 53.07  | 54.00         | -0.93         | 60.66         | -7.59  | Average |
| 2485.100                        | 53.01  | 74.00         | -20.99        | 60.60         | -7.59  | Peak    | 2486.700                      | 60.98  | 74.00         | -13.02        | 68.57         | -7.59  | Peak    |
| 3282.700                        | 44.45  | 54.00         | -9.55         | 49.75         | -5.30  | Average | 3282.700                      | 46.31  | 54.00         | -7.69         | 51.61         | -5.30  | Average |
| 3282.700                        | 46.66  | 74.00         | -27.34        | 51.96         | -5.30  | Peak    | 3282.700                      | 50.59  | 74.00         | -23.41        | 55.89         | -5.30  | Peak    |
| 4924.000                        | 47.01  | 54.00         | -6.99         | 48.44         | -1.43  | Average | 4924.000                      | 51.10  | 54.00         | -2.90         | 52.53         | -1.43  | Average |
| 4924.000                        | 50.07  | 74.00         | -23.93        | 51.50         | -1.43  | Peak    | 4924.000                      | 53.33  | 74.00         | -20.67        | 54.76         | -1.43  | Peak    |
| 7386.000                        | 39.64  | 54.00         | -14.36        | 34.20         | 5.44   | Average | 7386.000                      | 42.54  | 54.00         | -11.46        | 37.10         | 5.44   | Average |
| 7386.000                        | 50.03  | 74.00         | -23.97        | 44.59         | 5.44   | Peak    | 7386.000                      | 50.27  | 74.00         | -23.73        | 44.83         | 5.44   | Peak    |

| IEEE 802.11g Low CH Horizontal |        |            |            |            |        |         | IEEE 802.11g Low CH Vertical |        |            |            |            |        |         |
|--------------------------------|--------|------------|------------|------------|--------|---------|------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                           | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                         | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                            | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                          | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2389.072                       | 40.20  | 54.00      | -13.80     | 47.96      | -7.76  | Average | 2389.296                     | 53.74  | 54.00      | -0.26      | 61.50      | -7.76  | Average |
| 2389.072                       | 55.72  | 74.00      | -18.28     | 63.48      | -7.76  | Peak    | 2389.296                     | 70.50  | 74.00      | -3.50      | 78.26      | -7.76  | Peak    |
| 2413.824                       | 81.46  |            |            | 89.17      | -7.71  | Average | 2414.496                     | 95.62  |            |            | 103.33     | -7.71  | Average |
| 2413.824                       | 91.82  |            |            | 99.53      | -7.71  | Peak    | 2414.496                     | 106.03 |            |            | 113.74     | -7.71  | Peak    |
| 3216.000                       | 42.33  | 54.00      | -11.67     | 47.79      | -5.46  | Average | 3216.000                     | 43.13  | 54.00      | -10.87     | 48.59      | -5.46  | Average |
| 3216.000                       | 45.33  | 74.00      | -28.67     | 50.79      | -5.46  | Peak    | 3216.000                     | 45.93  | 74.00      | -28.07     | 51.39      | -5.46  | Peak    |
| 4824.000                       | 31.10  | 54.00      | -22.90     | 32.75      | -1.65  | Average | 4824.000                     | 32.10  | 54.00      | -21.90     | 33.75      | -1.65  | Average |
| 4824.000                       | 40.20  | 74.00      | -33.80     | 41.85      | -1.65  | Peak    | 4824.000                     | 44.86  | 74.00      | -29.14     | 46.51      | -1.65  | Peak    |
| 7236.000                       | 34.67  | 54.00      | -19.33     | 29.10      | 5.57   | Average | 7236.000                     | 34.87  | 54.00      | -19.13     | 29.30      | 5.57   | Average |
| 7236.000                       | 47.33  | 74.00      | -26.67     | 41.76      | 5.57   | Peak    | 7236.000                     | 48.11  | 74.00      | -25.89     | 42.54      | 5.57   | Peak    |

| IEEE 802.11g Middle CH Horizontal |        |            |            |            |        |         | IEEE 802.11g Middle CH Vertical |        |            |            |            |        |         |
|-----------------------------------|--------|------------|------------|------------|--------|---------|---------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                              | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                            | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                               | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                             | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2385.262                          | 39.18  | 54.00      | -14.82     | 46.95      | -7.77  | Average | 2389.860                        | 52.35  | 54.00      | -1.65      | 60.11      | -7.76  | Average |
| 2385.262                          | 53.31  | 74.00      | -20.69     | 61.08      | -7.77  | Peak    | 2389.860                        | 69.54  | 74.00      | -4.46      | 77.30      | -7.76  | Peak    |
| 2438.260                          | 90.67  |            |            | 98.32      | -7.65  | Average | 2435.114                        | 102.88 |            |            | 110.53     | -7.65  | Average |
| 2438.260                          | 100.85 |            |            | 108.50     | -7.65  | Peak    | 2435.114                        | 113.47 |            |            | 121.12     | -7.65  | Peak    |
| 2485.692                          | 40.13  | 54.00      | -13.87     | 47.72      | -7.59  | Average | 2484.482                        | 52.94  | 54.00      | -1.06      | 60.53      | -7.59  | Average |
| 2485.692                          | 56.98  | 74.00      | -17.02     | 64.57      | -7.59  | Peak    | 2484.482                        | 71.94  | 74.00      | -2.06      | 79.53      | -7.59  | Peak    |
| 3249.300                          | 46.09  | 54.00      | -7.91      | 51.45      | -5.36  | Average | 3249.300                        | 47.51  | 54.00      | -6.49      | 52.87      | -5.36  | Average |
| 3249.300                          | 48.42  | 74.00      | -25.58     | 53.78      | -5.36  | Peak    | 3249.300                        | 49.34  | 74.00      | -24.66     | 54.70      | -5.36  | Peak    |
| 4874.000                          | 36.16  | 54.00      | -17.84     | 37.71      | -1.55  | Average | 4874.000                        | 37.98  | 54.00      | -16.02     | 39.53      | -1.55  | Average |
| 4874.000                          | 49.09  | 74.00      | -24.91     | 50.64      | -1.55  | Peak    | 4874.000                        | 50.87  | 74.00      | -23.13     | 52.42      | -1.55  | Peak    |
| 7311.000                          | 39.99  | 54.00      | -14.01     | 34.67      | 5.32   | Average | 7311.000                        | 42.97  | 54.00      | -11.03     | 37.65      | 5.32   | Average |
| 7311.000                          | 52.95  | 74.00      | -21.05     | 47.63      | 5.32   | Peak    | 7311.000                        | 56.54  | 74.00      | -17.46     | 51.22      | 5.32   | Peak    |

| IEEE 802.11g High CH Horizontal |        |            |            |            |        |         | IEEE 802.11g High CH Vertical |        |            |            |            |        |         |
|---------------------------------|--------|------------|------------|------------|--------|---------|-------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                            | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                          | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                             | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                           | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2463.900                        | 82.20  |            |            | 89.82      | -7.62  | Average | 2458.200                      | 96.30  |            |            | 103.92     | -7.62  | Average |
| 2463.900                        | 92.74  |            |            | 100.36     | -7.62  | Peak    | 2458.200                      | 106.65 |            |            | 114.27     | -7.62  | Peak    |
| 2485.000                        | 39.40  | 54.00      | -14.60     | 46.99      | -7.59  | Average | 2484.500                      | 50.71  | 54.00      | -3.29      | 58.30      | -7.59  | Average |
| 2485.000                        | 53.88  | 74.00      | -20.12     | 61.47      | -7.59  | Peak    | 2484.500                      | 68.48  | 74.00      | -5.52      | 76.07      | -7.59  | Peak    |
| 3282.700                        | 43.86  | 54.00      | -10.14     | 49.16      | -5.30  | Average | 3282.700                      | 46.12  | 54.00      | -7.88      | 51.42      | -5.30  | Average |
| 3282.700                        | 46.46  | 74.00      | -27.54     | 51.76      | -5.30  | Peak    | 3282.700                      | 48.02  | 74.00      | -25.98     | 53.32      | -5.30  | Peak    |
| 4924.000                        | 33.90  | 54.00      | -20.10     | 35.33      | -1.43  | Average | 4924.000                      | 36.77  | 54.00      | -17.23     | 38.20      | -1.43  | Average |
| 4924.000                        | 46.26  | 74.00      | -27.74     | 47.69      | -1.43  | Peak    | 4924.000                      | 50.47  | 74.00      | -23.53     | 51.90      | -1.43  | Peak    |
| 7386.000                        | 34.73  | 54.00      | -19.27     | 29.29      | 5.44   | Average | 7386.000                      | 34.05  | 54.00      | -19.95     | 28.61      | 5.44   | Average |
| 7386.000                        | 47.97  | 74.00      | -26.03     | 42.53      | 5.44   | Peak    | 7386.000                      | 48.84  | 74.00      | -25.16     | 43.40      | 5.44   | Peak    |

| IEEE 802.11n HT20 Low CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 Low CH Vertical |        |            |            |            |        |         |
|-------------------------------------|--------|------------|------------|------------|--------|---------|-----------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                              | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                 | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                               | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2389.408                            | 40.73  | 54.00      | -13.27     | 48.49      | -7.76  | Average | 2389.296                          | 53.92  | 54.00      | -0.08      | 61.68      | -7.76  | Average |
| 2389.408                            | 55.93  | 74.00      | -18.07     | 63.69      | -7.76  | Peak    | 2389.296                          | 70.97  | 74.00      | -3.03      | 78.73      | -7.76  | Peak    |
| 2413.152                            | 80.88  |            |            | 88.59      | -7.71  | Average | 2413.488                          | 94.46  |            |            | 102.17     | -7.71  | Average |
| 2413.152                            | 91.57  |            |            | 99.28      | -7.71  | Peak    | 2413.488                          | 105.52 |            |            | 113.23     | -7.71  | Peak    |
| 3216.000                            | 41.27  | 54.00      | -12.73     | 46.73      | -5.46  | Average | 3216.000                          | 43.30  | 54.00      | -10.70     | 48.76      | -5.46  | Average |
| 3216.000                            | 44.64  | 74.00      | -29.36     | 50.10      | -5.46  | Peak    | 3216.000                          | 45.89  | 74.00      | -28.11     | 51.35      | -5.46  | Peak    |
| 4824.000                            | 31.11  | 54.00      | -22.89     | 32.76      | -1.65  | Average | 4824.000                          | 31.78  | 54.00      | -22.22     | 33.43      | -1.65  | Average |
| 4824.000                            | 44.50  | 74.00      | -29.50     | 46.15      | -1.65  | Peak    | 4824.000                          | 45.10  | 74.00      | -28.90     | 46.75      | -1.65  | Peak    |
| 7236.000                            | 34.04  | 54.00      | -19.96     | 28.47      | 5.57   | Average | 7236.000                          | 34.57  | 54.00      | -19.43     | 29.00      | 5.57   | Average |
| 7236.000                            | 47.66  | 74.00      | -26.34     | 42.09      | 5.57   | Peak    | 7236.000                          | 47.82  | 74.00      | -26.18     | 42.25      | 5.57   | Peak    |

| IEEE 802.11n HT20 Middle CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 Middle CH Vertical |        |            |            |            |        |         |
|----------------------------------------|--------|------------|------------|------------|--------|---------|--------------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                   | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                                 | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                    | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                                  | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2378.970                               | 39.47  | 54.00      | -14.53     | 47.27      | -7.80  | Average | 2388.892                             | 51.89  | 54.00      | -2.11      | 59.65      | -7.76  | Average |
| 2378.970                               | 53.56  | 74.00      | -20.44     | 61.36      | -7.80  | Peak    | 2388.892                             | 68.24  | 74.00      | -5.76      | 76.00      | -7.76  | Peak    |
| 2438.260                               | 90.75  |            |            | 98.40      | -7.65  | Average | 2435.356                             | 102.48 |            |            | 110.13     | -7.65  | Average |
| 2438.260                               | 101.39 |            |            | 109.04     | -7.65  | Peak    | 2435.356                             | 113.20 |            |            | 120.85     | -7.65  | Peak    |
| 2483.756                               | 40.92  | 54.00      | -13.08     | 48.51      | -7.59  | Average | 2483.998                             | 53.78  | 54.00      | -0.22      | 61.37      | -7.59  | Average |
| 2483.756                               | 57.23  | 74.00      | -16.77     | 64.82      | -7.59  | Peak    | 2483.998                             | 71.53  | 74.00      | -2.47      | 79.12      | -7.59  | Peak    |
| 3249.300                               | 45.49  | 54.00      | -8.51      | 50.85      | -5.36  | Average | 3249.300                             | 47.56  | 54.00      | -6.44      | 52.92      | -5.36  | Average |
| 3249.300                               | 47.55  | 74.00      | -26.45     | 52.91      | -5.36  | Peak    | 3249.300                             | 49.35  | 74.00      | -24.65     | 54.71      | -5.36  | Peak    |
| 4874.000                               | 35.41  | 54.00      | -18.59     | 36.96      | -1.55  | Average | 4874.000                             | 38.18  | 54.00      | -15.82     | 39.73      | -1.55  | Average |
| 4874.000                               | 50.06  | 74.00      | -23.94     | 51.61      | -1.55  | Peak    | 4874.000                             | 51.22  | 74.00      | -22.78     | 52.77      | -1.55  | Peak    |
| 7311.000                               | 40.14  | 54.00      | -13.86     | 34.82      | 5.32   | Average | 7311.000                             | 42.54  | 54.00      | -11.46     | 37.22      | 5.32   | Average |
| 7311.000                               | 52.30  | 74.00      | -21.70     | 46.98      | 5.32   | Peak    | 7311.000                             | 55.64  | 74.00      | -18.36     | 50.32      | 5.32   | Peak    |

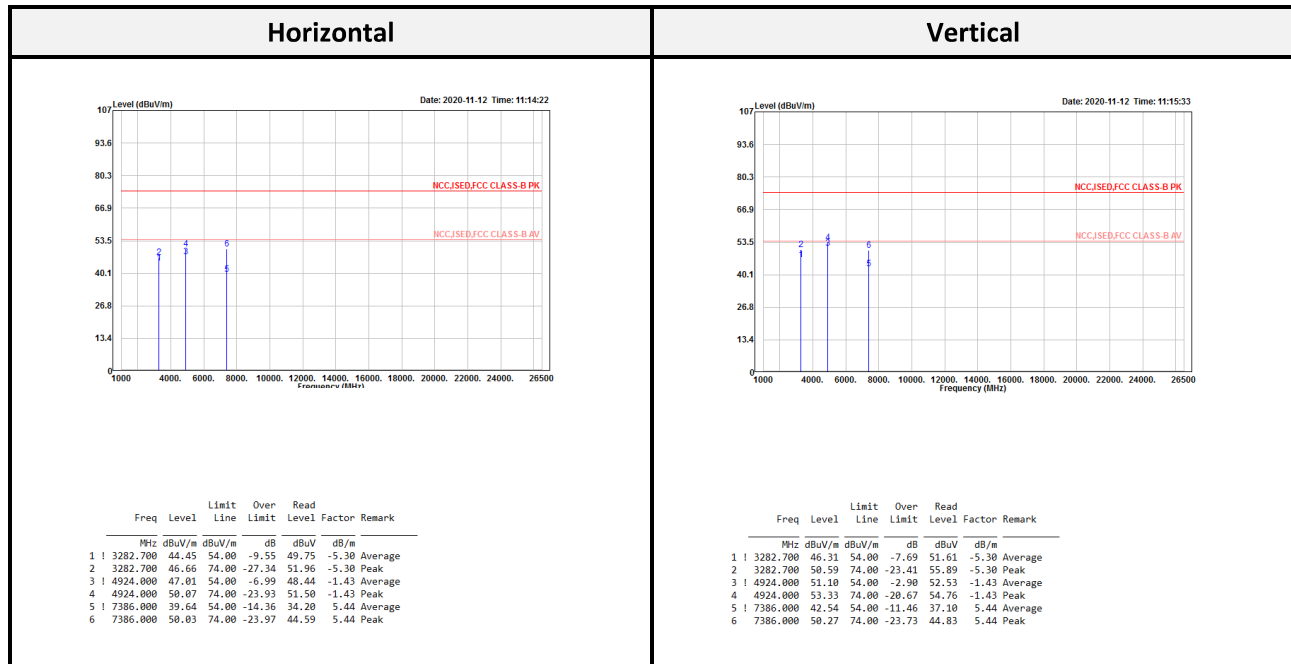
| IEEE 802.11n HT20 High CH Horizontal |        |            |            |            |        |         | IEEE 802.11n HT20 High CH Vertical |        |            |            |            |        |         |
|--------------------------------------|--------|------------|------------|------------|--------|---------|------------------------------------|--------|------------|------------|------------|--------|---------|
| Freq                                 | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  | Freq                               | Level  | Limit Line | Over Limit | Read Level | Factor | Remark  |
| MHz                                  | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         | MHz                                | dBuV/m | dBuV/m     | dB         | dBuV       | dB/m   |         |
| 2463.400                             | 82.30  |            |            | 89.92      | -7.62  | Average | 2459.200                           | 95.78  |            |            | 103.40     | -7.62  | Average |
| 2463.400                             | 92.96  |            |            | 100.58     | -7.62  | Peak    | 2459.200                           | 107.14 |            |            | 114.76     | -7.62  | Peak    |
| 2484.300                             | 40.32  | 54.00      | -13.68     | 47.91      | -7.59  | Average | 2484.600                           | 51.28  | 54.00      | -2.72      | 58.87      | -7.59  | Average |
| 2484.300                             | 56.03  | 74.00      | -17.97     | 63.62      | -7.59  | Peak    | 2484.600                           | 72.61  | 74.00      | -1.39      | 80.20      | -7.59  | Peak    |
| 3282.700                             | 44.10  | 54.00      | -9.90      | 49.40      | -5.30  | Average | 3282.700                           | 45.81  | 54.00      | -8.19      | 51.11      | -5.30  | Average |
| 3282.700                             | 45.96  | 74.00      | -28.04     | 51.26      | -5.30  | Peak    | 3282.700                           | 47.65  | 74.00      | -26.35     | 52.95      | -5.30  | Peak    |
| 4924.000                             | 33.87  | 54.00      | -20.13     | 35.30      | -1.43  | Average | 4924.000                           | 37.07  | 54.00      | -16.93     | 38.50      | -1.43  | Average |
| 4924.000                             | 46.52  | 74.00      | -27.48     | 47.95      | -1.43  | Peak    | 4924.000                           | 49.97  | 74.00      | -24.03     | 51.40      | -1.43  | Peak    |
| 7386.000                             | 34.32  | 54.00      | -19.68     | 28.88      | 5.44   | Average | 7386.000                           | 34.09  | 54.00      | -19.91     | 28.65      | 5.44   | Average |
| 7386.000                             | 47.75  | 74.00      | -26.25     | 42.31      | 5.44   | Peak    | 7386.000                           | 46.61  | 74.00      | -27.39     | 41.17      | 5.44   | Peak    |

| IEEE 802.11n HT40 Low CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 Low CH Vertical |        |               |               |               |        |         |
|-------------------------------------|--------|---------------|---------------|---------------|--------|---------|-----------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                              | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                 | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                               | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2383.788                            | 40.60  | 54.00         | -13.40        | 48.38         | -7.78  | Average | 2389.992                          | 53.71  | 54.00         | -0.29         | 61.47         | -7.76  | Average |
| 2383.788                            | 54.89  | 74.00         | -19.11        | 62.67         | -7.78  | Peak    | 2389.992                          | 67.85  | 74.00         | -6.15         | 75.61         | -7.76  | Peak    |
| 2428.932                            | 74.52  |               |               | 82.19         | -7.67  | Average | 2425.368                          | 89.18  |               |               | 96.85         | -7.67  | Average |
| 2428.932                            | 85.71  |               |               | 93.38         | -7.67  | Peak    | 2425.368                          | 100.40 |               |               | 108.07        | -7.67  | Peak    |
| 3229.300                            | 44.99  | 54.00         | -9.01         | 50.41         | -5.42  | Average | 3229.300                          | 45.91  | 54.00         | -8.09         | 51.33         | -5.42  | Average |
| 3229.300                            | 47.31  | 74.00         | -26.69        | 52.73         | -5.42  | Peak    | 3229.300                          | 48.03  | 74.00         | -25.97        | 53.45         | -5.42  | Peak    |
| 4844.000                            | 29.28  | 54.00         | -24.72        | 30.90         | -1.62  | Average | 4844.000                          | 30.00  | 54.00         | -24.00        | 31.62         | -1.62  | Average |
| 4844.000                            | 43.13  | 74.00         | -30.87        | 44.75         | -1.62  | Peak    | 4844.000                          | 42.98  | 74.00         | -31.02        | 44.60         | -1.62  | Peak    |
| 7266.000                            | 33.53  | 54.00         | -20.47        | 28.11         | 5.42   | Average | 7266.000                          | 33.82  | 54.00         | -20.18        | 28.40         | 5.42   | Average |
| 7266.000                            | 47.57  | 74.00         | -26.43        | 42.15         | 5.42   | Peak    | 7266.000                          | 47.46  | 74.00         | -26.54        | 42.04         | 5.42   | Peak    |

| IEEE 802.11n HT40 Middle CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 Middle CH Vertical |        |               |               |               |        |         |
|----------------------------------------|--------|---------------|---------------|---------------|--------|---------|--------------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                   | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                                 | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                    | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                                  | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2389.618                               | 40.56  | 54.00         | -13.44        | 48.32         | -7.76  | Average | 2387.198                             | 53.57  | 54.00         | -0.43         | 61.34         | -7.77  | Average |
| 2389.618                               | 55.46  | 74.00         | -18.54        | 63.22         | -7.76  | Peak    | 2387.198                             | 70.31  | 74.00         | -3.69         | 78.08         | -7.77  | Peak    |
| 2438.744                               | 79.85  |               |               | 87.50         | -7.65  | Average | 2434.630                             | 93.41  |               |               | 101.07        | -7.66  | Average |
| 2438.744                               | 90.00  |               |               | 97.65         | -7.65  | Peak    | 2434.630                             | 104.69 |               |               | 112.35        | -7.66  | Peak    |
| 2483.998                               | 40.23  | 54.00         | -13.77        | 47.82         | -7.59  | Average | 2483.756                             | 51.93  | 54.00         | -2.07         | 59.52         | -7.59  | Average |
| 2483.998                               | 55.22  | 74.00         | -18.78        | 62.81         | -7.59  | Peak    | 2483.756                             | 69.04  | 74.00         | -4.96         | 76.63         | -7.59  | Peak    |
| 3249.300                               | 45.13  | 54.00         | -8.87         | 50.49         | -5.36  | Average | 3249.300                             | 45.24  | 54.00         | -8.76         | 50.60         | -5.36  | Average |
| 3249.300                               | 47.51  | 74.00         | -26.49        | 52.87         | -5.36  | Peak    | 3249.300                             | 47.70  | 74.00         | -26.30        | 53.06         | -5.36  | Peak    |
| 4874.000                               | 31.06  | 54.00         | -22.94        | 32.61         | -1.55  | Average | 4874.000                             | 32.21  | 54.00         | -21.79        | 33.76         | -1.55  | Average |
| 4874.000                               | 44.44  | 74.00         | -29.56        | 45.99         | -1.55  | Peak    | 4874.000                             | 45.05  | 74.00         | -28.95        | 46.60         | -1.55  | Peak    |
| 7311.000                               | 33.86  | 54.00         | -20.14        | 28.54         | 5.32   | Average | 7311.000                             | 34.02  | 54.00         | -19.98        | 28.70         | 5.32   | Average |
| 7311.000                               | 47.31  | 74.00         | -26.69        | 41.99         | 5.32   | Peak    | 7311.000                             | 48.19  | 74.00         | -25.81        | 42.87         | 5.32   | Peak    |

| IEEE 802.11n HT40 High CH Horizontal |        |               |               |               |        |         | IEEE 802.11n HT40 High CH Vertical |        |               |               |               |        |         |
|--------------------------------------|--------|---------------|---------------|---------------|--------|---------|------------------------------------|--------|---------------|---------------|---------------|--------|---------|
| Freq                                 | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  | Freq                               | Level  | Limit<br>Line | Over<br>Limit | Read<br>Level | Factor | Remark  |
| MHz                                  | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         | MHz                                | dBuV/m | dBuV/m        | dB            | dBuV          | dB/m   |         |
| 2446.400                             | 78.09  |               |               | 85.72         | -7.63  | Average | 2445.000                           | 91.71  |               |               | 99.34         | -7.63  | Average |
| 2446.400                             | 89.36  |               |               | 96.99         | -7.63  | Peak    | 2445.000                           | 102.58 |               |               | 110.21        | -7.63  | Peak    |
| 2485.400                             | 40.51  | 54.00         | -13.49        | 48.10         | -7.59  | Average | 2484.200                           | 51.83  | 54.00         | -2.17         | 59.42         | -7.59  | Average |
| 2485.400                             | 56.12  | 74.00         | -17.88        | 63.71         | -7.59  | Peak    | 2484.200                           | 68.53  | 74.00         | -5.47         | 76.12         | -7.59  | Peak    |
| 3269.300                             | 44.18  | 54.00         | -9.82         | 49.51         | -5.33  | Average | 3269.300                           | 45.86  | 54.00         | -8.14         | 51.19         | -5.33  | Average |
| 3269.300                             | 47.19  | 74.00         | -26.81        | 52.52         | -5.33  | Peak    | 3269.300                           | 48.06  | 74.00         | -25.94        | 53.39         | -5.33  | Peak    |
| 4904.000                             | 30.84  | 54.00         | -23.16        | 32.31         | -1.47  | Average | 4904.000                           | 32.98  | 54.00         | -21.02        | 34.45         | -1.47  | Average |
| 4904.000                             | 43.85  | 74.00         | -30.15        | 45.32         | -1.47  | Peak    | 4904.000                           | 46.18  | 74.00         | -27.82        | 47.65         | -1.47  | Peak    |
| 7356.000                             | 33.77  | 54.00         | -20.23        | 28.50         | 5.27   | Average | 7356.000                           | 33.57  | 54.00         | -20.43        | 28.30         | 5.27   | Average |
| 7356.000                             | 47.15  | 74.00         | -26.85        | 41.88         | 5.27   | Peak    | 7356.000                           | 47.42  | 74.00         | -26.58        | 42.15         | 5.27   | Peak    |

**Above 1G (1 GHz-26.5 GHz):** The worst mode is Dipole Antenna with 3.3V<sub>dc</sub> for 802.11b High CH.



Level = Read Level + Factor

Over Limit = Level – Limit

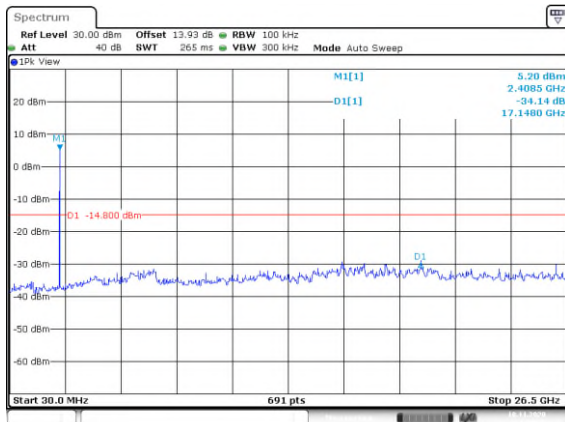
Correct Factor = Antenna Factor + Cable Loss – Amplifier Gain

Spurious emissions more than 20 dB below the limit were not reported

### Conducted Spurious Emissions:

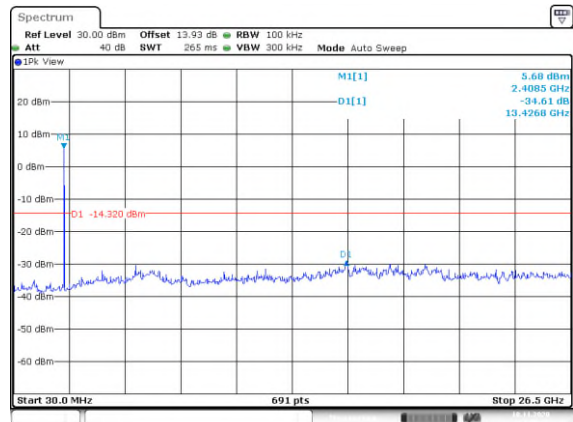
| Configuration     | Channel | Frequency (MHz) | Delta Peak to Band Emission (dBc) | Limit (dBc) | Result     |
|-------------------|---------|-----------------|-----------------------------------|-------------|------------|
| IEEE 802.11b      | Low     | 2412            | 34.14                             | ≥ 20        | Compliance |
|                   | Mid     | 2437            | 34.61                             | ≥ 20        | Compliance |
|                   | High    | 2462            | 33.05                             | ≥ 20        | Compliance |
| IEEE 802.11g      | Low     | 2412            | 36.86                             | ≥ 20        | Compliance |
|                   | Mid     | 2437            | 35.74                             | ≥ 20        | Compliance |
|                   | High    | 2462            | 37.31                             | ≥ 20        | Compliance |
| IEEE 802.11n HT20 | Low     | 2412            | 37.85                             | ≥ 20        | Compliance |
|                   | Mid     | 2437            | 32.30                             | ≥ 20        | Compliance |
|                   | High    | 2462            | 37.64                             | ≥ 20        | Compliance |
| IEEE 802.11n HT40 | Low     | 2422            | 28.80                             | ≥ 20        | Compliance |
|                   | Mid     | 2437            | 33.70                             | ≥ 20        | Compliance |
|                   | High    | 2452            | 31.64                             | ≥ 20        | Compliance |

## IEEE 802.11b Low CH



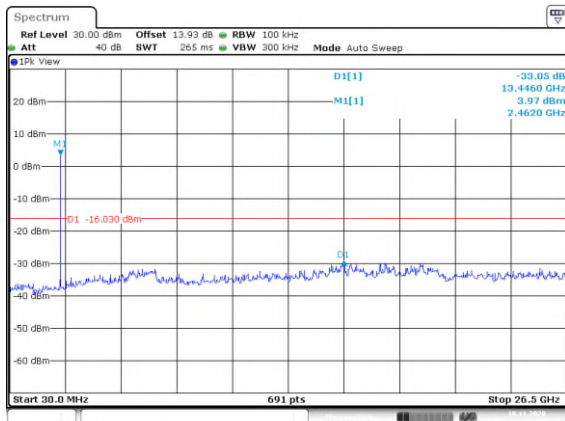
Date: 18.NOV.2020 11:54:35

## IEEE 802.11b Middle CH



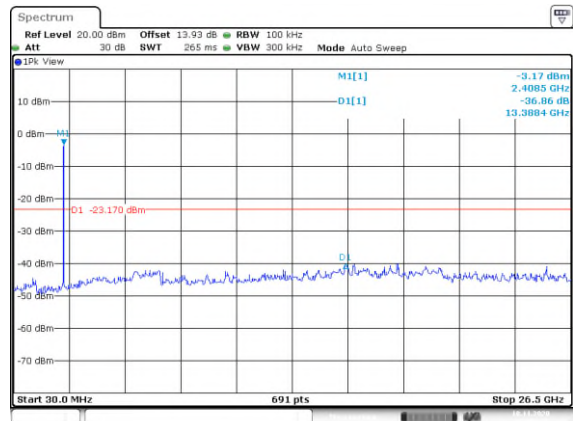
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## IEEE 802.11b High CH



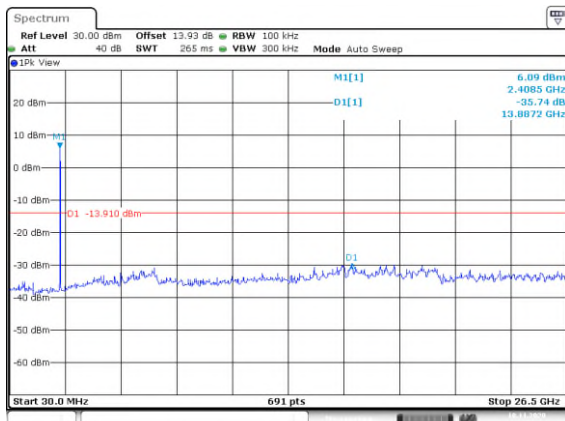
Date: 18.NOV.2020 12:01:08

## IEEE 802.11g Low CH



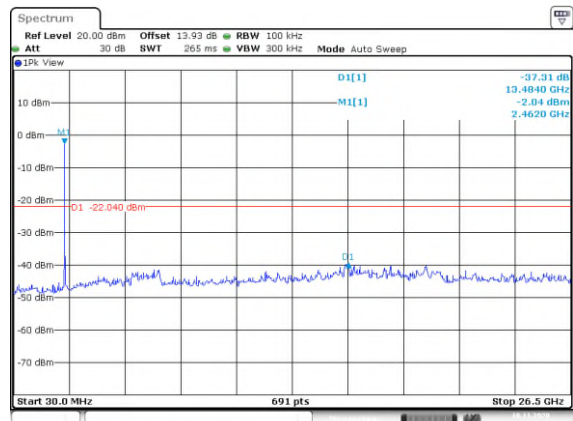
Date: 18.NOV.2020 12:03:25

## IEEE 802.11g Middle CH



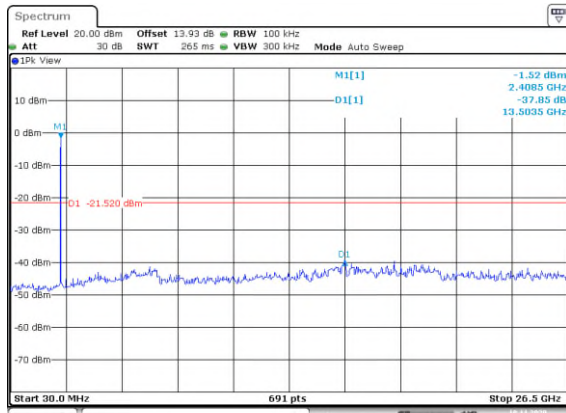
Date: 18.NOV.2020 12:05:14

## IEEE 802.11g High CH



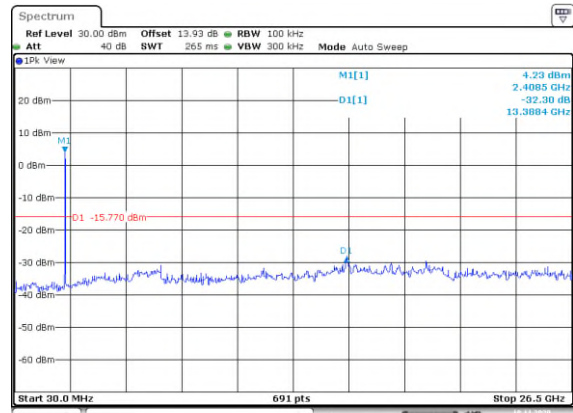
Date: 18.NOV.2020 12:09:30

### IEEE 802.11n HT20 Low CH



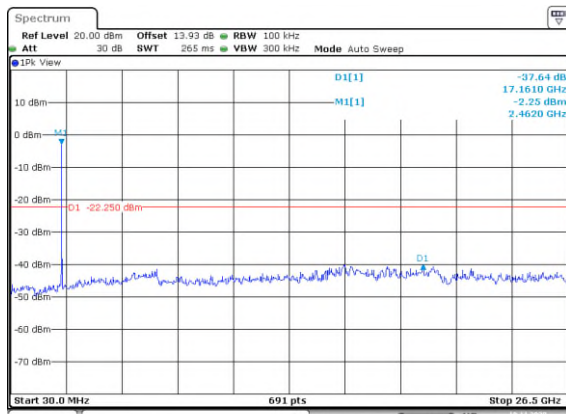
Date: 16,NOV,2020 12:16:07

### IEEE 802.11n HT20 Middle CH



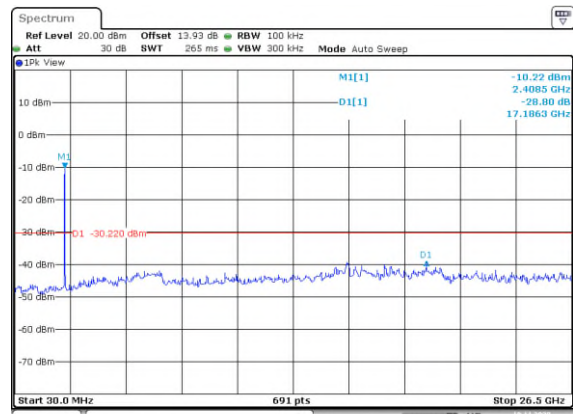
Date: 16,NOV,2020 12:17:59

### IEEE 802.11n HT20 High CH



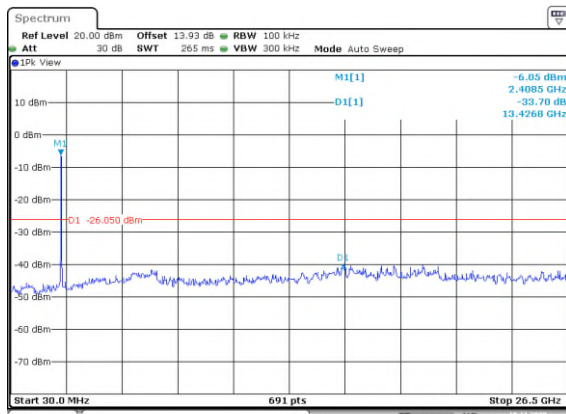
Date: 16,NOV,2020 12:21:55

### IEEE 802.11n HT40 Low CH



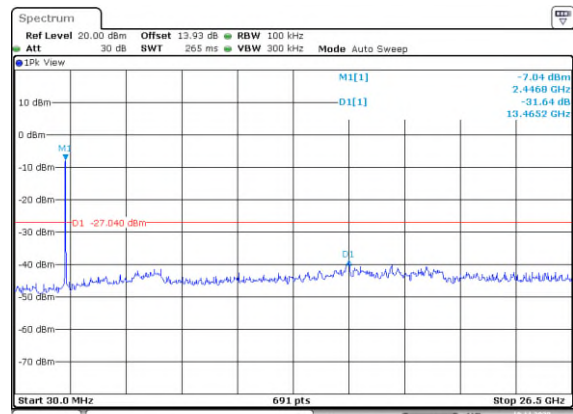
Date: 16,NOV,2020 12:25:40

### IEEE 802.11n HT40 Middle CH



Date: 16,NOV,2020 12:28:06

### IEEE 802.11n HT40 High CH



Date: 16,NOV,2020 12:39:35