# Appendix B. Radiated Spurious Emission

| Test Engineer : | Jesse Wang, Stan Hsieh, and Nick Yu | Temperature : | 24~26°C |
|---|---|---|---|
| | | Relative Humidity : | 51~53% |

**<CDD Mode>**

**<For Earphone 1>**

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Band Edge @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Over Limit ( dB ) | Limit Line ( dBµV/m ) | Read Level ( dBµV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 01 2412MHz | | 2389.8 | 64.76 | -9.24 | 74 | 50.22 | 32.16 | 17.43 | 35.05 | 100 | 283 | P | H |
| | | 2390 | 52.7 | -1.3 | 54 | 38.16 | 32.16 | 17.43 | 35.05 | 100 | 283 | A | H |
| | * | 2412 | 113.78 | - | - | 99.23 | 32.17 | 17.43 | 35.05 | 100 | 283 | P | H |
| | * | 2412 | 110.6 | - | - | 96.05 | 32.17 | 17.43 | 35.05 | 100 | 283 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2387.7 | 62.04 | -11.96 | 74 | 47.49 | 32.16 | 17.43 | 35.04 | 100 | 235 | P | V |
| | | 2390 | 52.07 | -1.93 | 54 | 37.53 | 32.16 | 17.43 | 35.05 | 100 | 235 | A | V |
| | * | 2412 | 111.9 | - | - | 97.35 | 32.17 | 17.43 | 35.05 | 100 | 235 | P | V |
| | * | 2412 | 108.78 | - | - | 94.23 | 32.17 | 17.43 | 35.05 | 100 | 235 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 02 2417MHz | | 2387.84 | 57.82 | -16.18 | 74 | 43.27 | 32.16 | 17.43 | 35.04 | 124 | 282 | P | H |
| | | 2388.68 | 50.98 | -3.02 | 54 | 36.43 | 32.16 | 17.43 | 35.04 | 124 | 282 | A | H |
| | * | 2417 | 113.9 | - | - | 99.36 | 32.17 | 17.43 | 35.06 | 124 | 282 | P | H |
| | * | 2417 | 110.78 | - | - | 96.24 | 32.17 | 17.43 | 35.06 | 124 | 282 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2388.4 | 57.98 | -16.02 | 74 | 43.43 | 32.16 | 17.43 | 35.04 | 100 | 234 | P | V |
| | | 2388.82 | 50.64 | -3.36 | 54 | 36.09 | 32.16 | 17.43 | 35.04 | 100 | 234 | A | V |
| | * | 2417 | 111.72 | - | - | 97.18 | 32.17 | 17.43 | 35.06 | 100 | 234 | P | V |
| | * | 2417 | 108.59 | - | - | 94.05 | 32.17 | 17.43 | 35.06 | 100 | 234 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 06 2437MHz | | 2384.06 | 58.14 | -15.86 | 74 | 43.6 | 32.15 | 17.43 | 35.04 | 100 | 284 | P | H |
| | | 2386.44 | 47.28 | -6.72 | 54 | 32.73 | 32.16 | 17.43 | 35.04 | 100 | 284 | A | H |
| | * | 2437 | 112.88 | - | - | 98.27 | 32.18 | 17.49 | 35.06 | 100 | 284 | P | H |
| | * | 2437 | 109.76 | - | - | 95.15 | 32.18 | 17.49 | 35.06 | 100 | 284 | A | H |
| | | 2485.37 | 56.31 | -17.69 | 74 | 41.64 | 32.19 | 17.55 | 35.07 | 100 | 284 | P | H |
| | | 2485.58 | 48.49 | -5.51 | 54 | 33.82 | 32.19 | 17.55 | 35.07 | 100 | 284 | A | H |
| | | 2386.86 | 55.55 | -18.45 | 74 | 41 | 32.16 | 17.43 | 35.04 | 115 | 248 | P | V |
| | | 2385.88 | 47.4 | -6.6 | 54 | 32.85 | 32.16 | 17.43 | 35.04 | 115 | 248 | A | V |
| | * | 2437 | 111.09 | - | - | 96.48 | 32.18 | 17.49 | 35.06 | 115 | 248 | P | V |
| | * | 2437 | 107.92 | - | - | 93.31 | 32.18 | 17.49 | 35.06 | 115 | 248 | A | V |
| | | 2484.18 | 55.55 | -18.45 | 74 | 40.88 | 32.19 | 17.55 | 35.07 | 115 | 248 | P | V |
| | | 2485.65 | 46.34 | -7.66 | 54 | 31.67 | 32.19 | 17.55 | 35.07 | 115 | 248 | A | V |
| 802.11b CH 10 2457MHz | * | 2457 | 112.66 | - | - | 98.04 | 32.19 | 17.49 | 35.06 | 125 | 274 | P | H |
| | * | 2457 | 109.7 | - | - | 95.08 | 32.19 | 17.49 | 35.06 | 125 | 274 | A | H |
| | | 2488.48 | 55.55 | -18.45 | 74 | 40.87 | 32.2 | 17.55 | 35.07 | 125 | 274 | P | H |
| | | 2483.74 | 47.43 | -6.57 | 54 | 32.76 | 32.19 | 17.55 | 35.07 | 125 | 274 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2457 | 110.91 | - | - | 96.29 | 32.19 | 17.49 | 35.06 | 108 | 242 | P | V |
| | * | 2457 | 108.01 | - | - | 93.39 | 32.19 | 17.49 | 35.06 | 108 | 242 | A | V |
| | | 2497.18 | 55.19 | -18.81 | 74 | 40.52 | 32.2 | 17.55 | 35.08 | 108 | 242 | P | V |
| | | 2483.68 | 45.77 | -8.23 | 54 | 31.1 | 32.19 | 17.55 | 35.07 | 108 | 242 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 11 2462MHz | * | 2462 | 111.17 | - | - | 96.49 | 32.19 | 17.55 | 35.06 | 107 | 276 | P | H |
| | * | 2462 | 108.07 | - | - | 93.39 | 32.19 | 17.55 | 35.06 | 107 | 276 | A | H |
| | | 2484.24 | 59.49 | -14.51 | 74 | 44.82 | 32.19 | 17.55 | 35.07 | 107 | 276 | P | H |
| | | 2484.64 | 50.36 | -3.64 | 54 | 35.69 | 32.19 | 17.55 | 35.07 | 107 | 276 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 109.08 | - | - | 94.4 | 32.19 | 17.55 | 35.06 | 108 | 240 | P | V |
| | * | 2462 | 105.95 | - | - | 91.27 | 32.19 | 17.55 | 35.06 | 108 | 240 | A | V |
| | | 2484.8 | 57.04 | -16.96 | 74 | 42.37 | 32.19 | 17.55 | 35.07 | 108 | 240 | P | V |
| | | 2484.6 | 48.79 | -5.21 | 54 | 34.12 | 32.19 | 17.55 | 35.07 | 108 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Harmonic @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 01 2412MHz | | 4824 | 51.87 | -22.13 | 74 | 65.6 | 34.63 | 10.98 | 59.34 | 100 | 16 | P | H |
| | | 4824 | 48.55 | -5.45 | 54 | 62.28 | 34.63 | 10.98 | 59.34 | 100 | 16 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 53.78 | -20.22 | 74 | 67.51 | 34.63 | 10.98 | 59.34 | 100 | 274 | P | V |
| | | 4824 | 50.55 | -3.45 | 54 | 64.28 | 34.63 | 10.98 | 59.34 | 100 | 274 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 06 2437MHz | | 4874 | 48.39 | -25.61 | 74 | 61.95 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 52.9 | -21.1 | 74 | 61.63 | 35.74 | 13.66 | 58.13 | 100 | 327 | P | H |
| | | 7311 | 47.98 | -6.02 | 54 | 56.71 | 35.74 | 13.66 | 58.13 | 100 | 327 | A | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 51.81 | -22.19 | 74 | 65.37 | 34.65 | 11.03 | 59.24 | 100 | 23 | P | V |
| | | 4874 | 48.82 | -5.18 | 54 | 62.38 | 34.65 | 11.03 | 59.24 | 100 | 23 | A | V |
| | | 7311 | 53.97 | -20.03 | 74 | 62.7 | 35.74 | 13.66 | 58.13 | 100 | 357 | P | V |
| | | 7311 | 49.53 | -4.47 | 54 | 58.26 | 35.74 | 13.66 | 58.13 | 100 | 357 | A | V |
| 802.11b CH 11 2462MHz | | 4924 | 47.73 | -26.27 | 74 | 61.11 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 48.11 | -25.89 | 74 | 56.89 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 53.32 | -20.68 | 74 | 66.7 | 34.67 | 11.09 | 59.14 | 100 | 33 | P | V |
| | | 4924 | 50.59 | -3.41 | 54 | 63.97 | 34.67 | 11.09 | 59.14 | 100 | 33 | A | V |
| | | 7386 | 53.18 | -20.82 | 74 | 61.96 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | 7386 | 47.94 | -6.06 | 54 | 56.72 | 35.72 | 13.76 | 58.26 | 100 | 0 | A | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Band Edge @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 2389.695 | 60.99 | -13.01 | 74 | 46.44 | 32.16 | 17.43 | 35.04 | 100 | 283 | P | H |
| | | 2390 | 51.85 | -2.15 | 54 | 37.31 | 32.16 | 17.43 | 35.05 | 100 | 283 | A | H |
| | * | 2412 | 111.41 | - | - | 96.86 | 32.17 | 17.43 | 35.05 | 100 | 283 | P | H |
| | * | 2412 | 103.34 | - | - | 88.79 | 32.17 | 17.43 | 35.05 | 100 | 283 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2390 | 61.91 | -12.09 | 74 | 47.37 | 32.16 | 17.43 | 35.05 | 100 | 241 | P | V |
| | | 2390 | 51.12 | -2.88 | 54 | 36.58 | 32.16 | 17.43 | 35.05 | 100 | 241 | A | V |
| | * | 2412 | 109.39 | - | - | 94.84 | 32.17 | 17.43 | 35.05 | 100 | 241 | P | V |
| | * | 2412 | 101.47 | - | - | 86.92 | 32.17 | 17.43 | 35.05 | 100 | 241 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 02 2417MHz | | 2384.9 | 61.73 | -12.27 | 74 | 47.19 | 32.15 | 17.43 | 35.04 | 122 | 283 | P | H |
| | | 2389.94 | 51.41 | -2.59 | 54 | 36.87 | 32.16 | 17.43 | 35.05 | 122 | 283 | A | H |
| | * | 2417 | 113.74 | - | - | 99.2 | 32.17 | 17.43 | 35.06 | 122 | 283 | P | H |
| | * | 2417 | 105.98 | - | - | 91.44 | 32.17 | 17.43 | 35.06 | 122 | 283 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2389.52 | 62.64 | -11.36 | 74 | 48.09 | 32.16 | 17.43 | 35.04 | 100 | 234 | P | V |
| | | 2389.94 | 51.38 | -2.62 | 54 | 36.84 | 32.16 | 17.43 | 35.05 | 100 | 234 | A | V |
| | * | 2417 | 111.8 | - | - | 97.26 | 32.17 | 17.43 | 35.06 | 100 | 234 | P | V |
| | * | 2417 | 103.95 | - | - | 89.41 | 32.17 | 17.43 | 35.06 | 100 | 234 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 06 2437MHz | | 2387.14 | 60.54 | -13.46 | 74 | 45.99 | 32.16 | 17.43 | 35.04 | 100 | 282 | P | H |
| | | 2389.94 | 48.44 | -5.56 | 54 | 33.9 | 32.16 | 17.43 | 35.05 | 100 | 282 | A | H |
| | * | 2437 | 114.23 | - | - | 99.62 | 32.18 | 17.49 | 35.06 | 100 | 282 | P | H |
| | * | 2437 | 107.2 | - | - | 92.59 | 32.18 | 17.49 | 35.06 | 100 | 282 | A | H |
| | | 2484.74 | 63.39 | -10.61 | 74 | 48.72 | 32.19 | 17.55 | 35.07 | 100 | 282 | P | H |
| | | 2483.5 | 52.11 | -1.89 | 54 | 37.44 | 32.19 | 17.55 | 35.07 | 100 | 282 | A | H |
| | | 2389.8 | 60.34 | -13.66 | 74 | 45.8 | 32.16 | 17.43 | 35.05 | 114 | 243 | P | V |
| | | 2389.94 | 47.34 | -6.66 | 54 | 32.8 | 32.16 | 17.43 | 35.05 | 114 | 243 | A | V |
| | * | 2437 | 113.17 | - | - | 98.56 | 32.18 | 17.49 | 35.06 | 114 | 243 | P | V |
| | * | 2437 | 105.93 | - | - | 91.32 | 32.18 | 17.49 | 35.06 | 114 | 243 | A | V |
| | | 2484.11 | 59.28 | -14.72 | 74 | 44.61 | 32.19 | 17.55 | 35.07 | 114 | 243 | P | V |
| | | 2483.5 | 49.55 | -4.45 | 54 | 34.88 | 32.19 | 17.55 | 35.07 | 114 | 243 | A | V |
| 802.11g CH 10 2457MHz | | 2387.14 | 60.54 | -13.46 | 74 | 45.99 | 32.16 | 17.43 | 35.04 | 100 | 282 | P | H |
| | | 2389.94 | 48.44 | -5.56 | 54 | 33.9 | 32.16 | 17.43 | 35.05 | 100 | 282 | A | H |
| | * | 2437 | 114.23 | - | - | 99.62 | 32.18 | 17.49 | 35.06 | 100 | 282 | P | H |
| | * | 2437 | 107.2 | - | - | 92.59 | 32.18 | 17.49 | 35.06 | 100 | 282 | A | H |
| | | 2484.74 | 63.39 | -10.61 | 74 | 48.72 | 32.19 | 17.55 | 35.07 | 100 | 282 | P | H |
| | | 2483.5 | 52.11 | -1.89 | 54 | 37.44 | 32.19 | 17.55 | 35.07 | 100 | 282 | A | H |
| | | 2389.8 | 60.34 | -13.66 | 74 | 45.8 | 32.16 | 17.43 | 35.05 | 114 | 243 | P | V |
| | | 2389.94 | 47.34 | -6.66 | 54 | 32.8 | 32.16 | 17.43 | 35.05 | 114 | 243 | A | V |
| | * | 2437 | 113.17 | - | - | 98.56 | 32.18 | 17.49 | 35.06 | 114 | 243 | P | V |
| | * | 2437 | 105.93 | - | - | 91.32 | 32.18 | 17.49 | 35.06 | 114 | 243 | A | V |
| | | 2484.11 | 59.28 | -14.72 | 74 | 44.61 | 32.19 | 17.55 | 35.07 | 114 | 243 | P | V |
| | | 2483.5 | 49.55 | -4.45 | 54 | 34.88 | 32.19 | 17.55 | 35.07 | 114 | 243 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 11 2462MHz | * | 2462 | 110.32 | - | - | 95.64 | 32.19 | 17.55 | 35.06 | 105 | 275 | P | H |
| | * | 2462 | 102.43 | - | - | 87.75 | 32.19 | 17.55 | 35.06 | 105 | 275 | A | H |
| | | 2484.6 | 63.27 | -10.73 | 74 | 48.6 | 32.19 | 17.55 | 35.07 | 105 | 275 | P | H |
| | | 2483.56 | 52.62 | -1.38 | 54 | 37.95 | 32.19 | 17.55 | 35.07 | 105 | 275 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 108.44 | - | - | 93.76 | 32.19 | 17.55 | 35.06 | 110 | 240 | P | V |
| | * | 2462 | 100.52 | - | - | 85.84 | 32.19 | 17.55 | 35.06 | 110 | 240 | A | V |
| | | 2484.48 | 61.78 | -12.22 | 74 | 47.11 | 32.19 | 17.55 | 35.07 | 110 | 240 | P | V |
| | | 2483.52 | 51.08 | -2.92 | 54 | 36.41 | 32.19 | 17.55 | 35.07 | 110 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Harmonic @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 4824 | 42.13 | -31.87 | 74 | 55.86 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 42.89 | -31.11 | 74 | 56.62 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 06 2437MHz | | 4874 | 47.06 | -26.94 | 74 | 60.62 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 52.59 | -21.41 | 74 | 61.32 | 35.74 | 13.66 | 58.13 | 100 | 331 | P | H |
| | | 7311 | 41.93 | -12.07 | 54 | 50.66 | 35.74 | 13.66 | 58.13 | 100 | 331 | A | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 51.05 | -22.95 | 74 | 64.61 | 34.65 | 11.03 | 59.24 | 100 | 22 | P | V |
| | | 4874 | 39.97 | -14.03 | 54 | 53.53 | 34.65 | 11.03 | 59.24 | 100 | 22 | A | V |
| | | 7311 | 55.8 | -18.2 | 74 | 64.53 | 35.74 | 13.66 | 58.13 | 100 | 354 | P | V |
| | | 7311 | 44.78 | -9.22 | 54 | 53.51 | 35.74 | 13.66 | 58.13 | 100 | 354 | A | V |
| 802.11g CH 11 2462MHz | | 4924 | 45.6 | -28.4 | 74 | 58.98 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 44.33 | -29.67 | 74 | 53.11 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 44.33 | -29.67 | 74 | 57.71 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| | | 7386 | 43.62 | -30.38 | 74 | 52.4 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2390 | 61.81 | -12.19 | 74 | 47.27 | 32.16 | 17.43 | 35.05 | 100 | 284 | P | H |
| | | 2389.905 | 52.43 | -1.57 | 54 | 37.89 | 32.16 | 17.43 | 35.05 | 100 | 284 | A | H |
| | * | 2412 | 110.47 | - | - | 95.92 | 32.17 | 17.43 | 35.05 | 100 | 284 | P | H |
| | * | 2412 | 102.35 | - | - | 87.8 | 32.17 | 17.43 | 35.05 | 100 | 284 | A | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 2389.905 | 61.09 | -12.91 | 74 | 46.55 | 32.16 | 17.43 | 35.05 | 100 | 234 | P | V |
| 2412MHz | | 2390 | 51.52 | -2.48 | 54 | 36.98 | 32.16 | 17.43 | 35.05 | 100 | 234 | A | V |
| | * | 2412 | 108.41 | - | - | 93.86 | 32.17 | 17.43 | 35.05 | 100 | 234 | P | V |
| | * | 2412 | 100.59 | - | - | 86.04 | 32.17 | 17.43 | 35.05 | 100 | 234 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 2389.52 | 63.02 | -10.98 | 74 | 48.47 | 32.16 | 17.43 | 35.04 | 122 | 283 | P | H |
| | | 2389.66 | 52.03 | -1.97 | 54 | 37.48 | 32.16 | 17.43 | 35.04 | 122 | 283 | A | H |
| | * | 2417 | 113.01 | - | - | 98.47 | 32.17 | 17.43 | 35.06 | 122 | 283 | P | H |
| | * | 2417 | 105.48 | - | - | 90.94 | 32.17 | 17.43 | 35.06 | 122 | 283 | A | H |
| 802.11ac | | | | | | | | | | | | P | H |
| VHT20 | | | | | | | | | | | | A | H |
| CH 02 | | 2389.94 | 62.36 | -11.64 | 74 | 47.82 | 32.16 | 17.43 | 35.05 | 100 | 234 | P | V |
| 2417MHz | | 2389.66 | 51.89 | -2.11 | 54 | 37.34 | 32.16 | 17.43 | 35.04 | 100 | 234 | A | V |
| | * | 2417 | 111.16 | - | - | 96.62 | 32.17 | 17.43 | 35.06 | 100 | 234 | P | V |
| | * | 2417 | 103.4 | - | - | 88.86 | 32.17 | 17.43 | 35.06 | 100 | 234 | A | V |
| | | | | | | | | | | | | P | V |
| | | | | | | | | | | | | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2388.96 | 62.21 | -11.79 | 74 | 47.66 | 32.16 | 17.43 | 35.04 | 100 | 282 | P | H |
| | | 2389.8 | 48.44 | -5.56 | 54 | 33.9 | 32.16 | 17.43 | 35.05 | 100 | 282 | A | H |
| | * | 2437 | 114.27 | - | - | 99.66 | 32.18 | 17.49 | 35.06 | 100 | 282 | P | H |
| | * | 2437 | 106.53 | - | - | 91.92 | 32.18 | 17.49 | 35.06 | 100 | 282 | A | H |
| **802.11ac** | | 2484.6 | 63.47 | -10.53 | 74 | 48.8 | 32.19 | 17.55 | 35.07 | 100 | 282 | P | H |
| **VHT20** | | 2483.55 | 52.56 | -1.44 | 54 | 37.89 | 32.19 | 17.55 | 35.07 | 100 | 282 | A | H |
| **CH 06** | | 2389.38 | 59.6 | -14.4 | 74 | 45.05 | 32.16 | 17.43 | 35.04 | 114 | 243 | P | V |
| **2437MHz** | | 2389.8 | 47.63 | -6.37 | 54 | 33.09 | 32.16 | 17.43 | 35.05 | 114 | 243 | A | V |
| | * | 2437 | 112.9 | - | - | 98.29 | 32.18 | 17.49 | 35.06 | 114 | 243 | P | V |
| | * | 2437 | 105.44 | - | - | 90.83 | 32.18 | 17.49 | 35.06 | 114 | 243 | A | V |
| | | 2484.25 | 59.95 | -14.05 | 74 | 45.28 | 32.19 | 17.55 | 35.07 | 114 | 243 | P | V |
| | | 2483.5 | 49.96 | -4.04 | 54 | 35.29 | 32.19 | 17.55 | 35.07 | 114 | 243 | A | V |
| | * | 2457 | 111.76 | - | - | 97.14 | 32.19 | 17.49 | 35.06 | 105 | 275 | P | H |
| | * | 2457 | 103.85 | - | - | 89.23 | 32.19 | 17.49 | 35.06 | 105 | 275 | A | H |
| | | 2484.22 | 65.64 | -8.36 | 74 | 50.97 | 32.19 | 17.55 | 35.07 | 105 | 275 | P | H |
| | | 2483.5 | 51.95 | -2.05 | 54 | 37.28 | 32.19 | 17.55 | 35.07 | 105 | 275 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 10** | * | 2457 | 109.65 | - | - | 95.03 | 32.19 | 17.49 | 35.06 | 110 | 240 | P | V |
| **2457MHz** | * | 2457 | 101.87 | - | - | 87.25 | 32.19 | 17.49 | 35.06 | 110 | 240 | A | V |
| | | 2486.02 | 62.8 | -11.2 | 74 | 48.13 | 32.19 | 17.55 | 35.07 | 110 | 240 | P | V |
| | | 2483.74 | 50.1 | -3.9 | 54 | 35.43 | 32.19 | 17.55 | 35.07 | 110 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 2462 | 109.21 | - | - | 94.53 | 32.19 | 17.55 | 35.06 | 105 | 276 | P | H |
| | * | 2462 | 101.29 | - | - | 86.61 | 32.19 | 17.55 | 35.06 | 105 | 276 | A | H |
| | | 2483.8 | 62.48 | -11.52 | 74 | 47.81 | 32.19 | 17.55 | 35.07 | 105 | 276 | P | H |
| | | 2483.52 | 52.35 | -1.65 | 54 | 37.68 | 32.19 | 17.55 | 35.07 | 105 | 276 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 11** | * | 2462 | 106.68 | - | - | 92 | 32.19 | 17.55 | 35.06 | 110 | 240 | P | V |
| **2462MHz** | * | 2462 | 99.01 | - | - | 84.33 | 32.19 | 17.55 | 35.06 | 110 | 240 | A | V |
| | | 2483.64 | 61.35 | -12.65 | 74 | 46.68 | 32.19 | 17.55 | 35.07 | 110 | 240 | P | V |
| | | 2483.68 | 50.54 | -3.46 | 54 | 35.87 | 32.19 | 17.55 | 35.07 | 110 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4824 | 42.63 | -31.37 | 74 | 56.36 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 4824 | 43.17 | -30.83 | 74 | 56.9 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| 2412MHz | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 41.47 | -32.53 | 74 | 55.03 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 49.59 | -24.41 | 74 | 58.32 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 44.16 | -29.84 | 74 | 57.72 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 52.51 | -21.49 | 74 | 61.24 | 35.74 | 13.66 | 58.13 | 100 | 356 | P | V |
| | | 7311 | 41.79 | -12.21 | 54 | 50.52 | 35.74 | 13.66 | 58.13 | 100 | 356 | A | V |
| | | | | | | | | | | | | | V |
| | | 4924 | 42.36 | -31.64 | 74 | 55.74 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 43.53 | -30.47 | 74 | 52.31 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | | 4924 | 42.72 | -31.28 | 74 | 56.1 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| 2462MHz | | 7386 | 49.43 | -24.57 | 74 | 58.21 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Over Limit ( dB ) | Limit Line ( dBµV/m ) | Read Level ( dBµV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.24 | 63.94 | -10.06 | 74 | 49.39 | 32.16 | 17.43 | 35.04 | 125 | 282 | P | H |
| | | 2389.94 | 52.46 | -1.54 | 54 | 37.92 | 32.16 | 17.43 | 35.05 | 125 | 282 | A | H |
| | * | 2422 | 105.94 | - | - | 91.34 | 32.17 | 17.49 | 35.06 | 125 | 282 | P | H |
| | * | 2422 | 97.94 | - | - | 83.34 | 32.17 | 17.49 | 35.06 | 125 | 282 | A | H |
| 802.11ac | | 2485.09 | 57.96 | -16.04 | 74 | 43.29 | 32.19 | 17.55 | 35.07 | 125 | 282 | P | H |
| VHT40 | | 2485.44 | 46.73 | -7.27 | 54 | 32.06 | 32.19 | 17.55 | 35.07 | 125 | 282 | A | H |
| CH 03 | | 2388.82 | 62.81 | -11.19 | 74 | 48.26 | 32.16 | 17.43 | 35.04 | 100 | 234 | P | V |
| 2422MHz | | 2389.8 | 51.72 | -2.28 | 54 | 37.18 | 32.16 | 17.43 | 35.05 | 100 | 234 | A | V |
| | * | 2422 | 102.96 | - | - | 88.36 | 32.17 | 17.49 | 35.06 | 100 | 234 | P | V |
| | * | 2422 | 95.21 | - | - | 80.61 | 32.17 | 17.49 | 35.06 | 100 | 234 | A | V |
| | | 2485.72 | 56.95 | -17.05 | 74 | 42.28 | 32.19 | 17.55 | 35.07 | 100 | 234 | P | V |
| | | 2484.11 | 46.08 | -7.92 | 54 | 31.41 | 32.19 | 17.55 | 35.07 | 100 | 234 | A | V |
| | | 2388.4 | 61.09 | -12.91 | 74 | 46.54 | 32.16 | 17.43 | 35.04 | 124 | 282 | P | H |
| | | 2389.38 | 51.96 | -2.04 | 54 | 37.41 | 32.16 | 17.43 | 35.04 | 124 | 282 | A | H |
| | * | 2427 | 106.49 | - | - | 91.89 | 32.17 | 17.49 | 35.06 | 124 | 282 | P | H |
| | * | 2427 | 98.52 | - | - | 83.92 | 32.17 | 17.49 | 35.06 | 124 | 282 | A | H |
| 802.11ac | | 2485.93 | 59.15 | -14.85 | 74 | 44.48 | 32.19 | 17.55 | 35.07 | 124 | 282 | P | H |
| VHT40 | | 2484.88 | 47.01 | -6.99 | 54 | 32.34 | 32.19 | 17.55 | 35.07 | 124 | 282 | A | H |
| CH 04 | | 2385.88 | 61.34 | -12.66 | 74 | 46.79 | 32.16 | 17.43 | 35.04 | 100 | 235 | P | V |
| 2427MHz | | 2389.52 | 50.57 | -3.43 | 54 | 36.02 | 32.16 | 17.43 | 35.04 | 100 | 235 | A | V |
| | * | 2427 | 103.45 | - | - | 88.85 | 32.17 | 17.49 | 35.06 | 100 | 235 | P | V |
| | * | 2427 | 95.93 | - | - | 81.33 | 32.17 | 17.49 | 35.06 | 100 | 235 | A | V |
| | | 2485.37 | 57.64 | -16.36 | 74 | 42.97 | 32.19 | 17.55 | 35.07 | 100 | 235 | P | V |
| | | 2484.67 | 46.3 | -7.7 | 54 | 31.63 | 32.19 | 17.55 | 35.07 | 100 | 235 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.94 | 61.63 | -12.37 | 74 | 47.09 | 32.16 | 17.43 | 35.05 | 125 | 285 | P | H |
| | | 2389.38 | 51.01 | -2.99 | 54 | 36.46 | 32.16 | 17.43 | 35.04 | 125 | 285 | A | H |
| | * | 2437 | 106.78 | - | - | 92.17 | 32.18 | 17.49 | 35.06 | 125 | 285 | P | H |
| | * | 2437 | 99.2 | - | - | 84.59 | 32.18 | 17.49 | 35.06 | 125 | 285 | A | H |
| **802.11ac** | | 2483.83 | 58.88 | -15.12 | 74 | 44.21 | 32.19 | 17.55 | 35.07 | 125 | 285 | P | H |
| **VHT40** | | 2483.5 | 49.94 | -4.06 | 54 | 35.27 | 32.19 | 17.55 | 35.07 | 125 | 285 | A | H |
| **CH 06** | | 2389.8 | 61.42 | -12.58 | 74 | 46.88 | 32.16 | 17.43 | 35.05 | 116 | 248 | P | V |
| **2437MHz** | | 2389.66 | 50.02 | -3.98 | 54 | 35.47 | 32.16 | 17.43 | 35.04 | 116 | 248 | A | V |
| | * | 2437 | 104.93 | - | - | 90.32 | 32.18 | 17.49 | 35.06 | 116 | 248 | P | V |
| | * | 2437 | 97.16 | - | - | 82.55 | 32.18 | 17.49 | 35.06 | 116 | 248 | A | V |
| | | 2484.88 | 56.76 | -17.24 | 74 | 42.09 | 32.19 | 17.55 | 35.07 | 116 | 248 | P | V |
| | | 2483.55 | 48.41 | -5.59 | 54 | 33.74 | 32.19 | 17.55 | 35.07 | 116 | 248 | A | V |
| | | 2389.66 | 61.27 | -12.73 | 74 | 46.72 | 32.16 | 17.43 | 35.04 | 101 | 284 | P | H |
| | | 2389.8 | 47.99 | -6.01 | 54 | 33.45 | 32.16 | 17.43 | 35.05 | 101 | 284 | A | H |
| | * | 2447 | 104.41 | - | - | 89.8 | 32.18 | 17.49 | 35.06 | 101 | 284 | P | H |
| | * | 2447 | 96.72 | - | - | 82.11 | 32.18 | 17.49 | 35.06 | 101 | 284 | A | H |
| **802.11ac** | | 2483.76 | 61.87 | -12.13 | 74 | 47.2 | 32.19 | 17.55 | 35.07 | 101 | 284 | P | H |
| **VHT40** | | 2484.32 | 51.81 | -2.19 | 54 | 37.14 | 32.19 | 17.55 | 35.07 | 101 | 284 | A | H |
| **CH 08** | | 2389.94 | 60.84 | -13.16 | 74 | 46.3 | 32.16 | 17.43 | 35.05 | 114 | 244 | P | V |
| **2447MHz** | | 2388.12 | 46.9 | -7.1 | 54 | 32.35 | 32.16 | 17.43 | 35.04 | 114 | 244 | A | V |
| | * | 2447 | 102.81 | - | - | 88.2 | 32.18 | 17.49 | 35.06 | 114 | 244 | P | V |
| | * | 2447 | 95.23 | - | - | 80.62 | 32.18 | 17.49 | 35.06 | 114 | 244 | A | V |
| | | 2483.9 | 58.71 | -15.29 | 74 | 44.04 | 32.19 | 17.55 | 35.07 | 114 | 244 | P | V |
| | | 2484.46 | 49.91 | -4.09 | 54 | 35.24 | 32.19 | 17.55 | 35.07 | 114 | 244 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2387.98 | 59.17 | -14.83 | 74 | 44.62 | 32.16 | 17.43 | 35.04 | 123 | 282 | P | H |
| | | 2389.24 | 47.15 | -6.85 | 54 | 32.6 | 32.16 | 17.43 | 35.04 | 123 | 282 | A | H |
| | * | 2452 | 103.52 | - | - | 88.91 | 32.18 | 17.49 | 35.06 | 123 | 282 | P | H |
| | * | 2452 | 95.42 | - | - | 80.81 | 32.18 | 17.49 | 35.06 | 123 | 282 | A | H |
| **802.11ac** | | 2485.44 | 60.86 | -13.14 | 74 | 46.19 | 32.19 | 17.55 | 35.07 | 123 | 282 | P | H |
| **VHT40** | | 2483.97 | 52.68 | -1.32 | 54 | 38.01 | 32.19 | 17.55 | 35.07 | 123 | 282 | A | H |
| **CH 09** | | 2389.94 | 57.83 | -16.17 | 74 | 43.29 | 32.16 | 17.43 | 35.05 | 119 | 249 | P | V |
| **2452MHz** | | 2389.52 | 46.81 | -7.19 | 54 | 32.26 | 32.16 | 17.43 | 35.04 | 119 | 249 | A | V |
| | * | 2452 | 101.42 | - | - | 86.81 | 32.18 | 17.49 | 35.06 | 119 | 249 | P | V |
| | * | 2452 | 94.16 | - | - | 79.55 | 32.18 | 17.49 | 35.06 | 119 | 249 | A | V |
| | | 2485.58 | 58.41 | -15.59 | 74 | 43.74 | 32.19 | 17.55 | 35.07 | 119 | 249 | P | V |
| | | 2483.5 | 49.79 | -4.21 | 54 | 35.12 | 32.19 | 17.55 | 35.07 | 119 | 249 | A | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 1 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 42.71 | -31.29 | 74 | 56.4 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 43.26 | -30.74 | 74 | 51.99 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 43.97 | -30.03 | 74 | 57.66 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 43.98 | -30.02 | 74 | 52.71 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 42.35 | -31.65 | 74 | 55.91 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 42.69 | -31.31 | 74 | 51.42 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 43.41 | -30.59 | 74 | 56.97 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 43.85 | -30.15 | 74 | 52.58 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4904 | 42.54 | -31.46 | 74 | 55.95 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | H |
| | | 7356 | 42.66 | -31.34 | 74 | 51.43 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 09 | | 4904 | 43.54 | -30.46 | 74 | 56.95 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | V |
| 2452MHz | | 7356 | 43.14 | -30.86 | 74 | 51.91 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11b (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz 802.11b LF | | 68.34 | 20.52 | -19.48 | 40 | 38.17 | 12.24 | 1.7 | 31.59 | - | - | P | H |
| | | 139.62 | 34.6 | -8.9 | 43.5 | 46.68 | 17.43 | 2.01 | 31.52 | 100 | 0 | P | H |
| | | 274.62 | 26.08 | -19.92 | 46 | 35.58 | 18.97 | 2.87 | 31.34 | - | - | P | H |
| | | 410.6 | 23.88 | -22.12 | 46 | 29.57 | 22.14 | 3.28 | 31.11 | - | - | P | H |
| | | 673.1 | 27.36 | -18.64 | 46 | 27.6 | 26.23 | 4.25 | 30.72 | - | - | P | H |
| | | 870.5 | 31.44 | -14.56 | 46 | 28.13 | 28.97 | 4.88 | 30.54 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 100.74 | 33.66 | -9.84 | 43.5 | 47.22 | 15.96 | 2.04 | 31.56 | 100 | 0 | P | V |
| | | 190.65 | 25.15 | -18.35 | 43.5 | 39.46 | 14.77 | 2.38 | 31.46 | - | - | P | V |
| | | 292.44 | 23.52 | -22.48 | 46 | 32.96 | 19.01 | 2.86 | 31.31 | - | - | P | V |
| | | 361.6 | 26.46 | -19.54 | 46 | 33.94 | 20.67 | 3.05 | 31.2 | - | - | P | V |
| | | 631.1 | 26.5 | -19.5 | 46 | 27.22 | 25.92 | 4.14 | 30.78 | - | - | P | V |
| | | 931.4 | 31.67 | -14.33 | 46 | 27.69 | 29.53 | 4.97 | 30.52 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Band Edge @ 3m)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11b CH 01 2412MHz | | 2388.435 | 55.34 | -18.66 | 74 | 40.79 | 32.16 | 17.43 | 35.04 | 275 | 102 | P | H |
| | | 2389.8 | 43.94 | -10.06 | 54 | 29.4 | 32.16 | 17.43 | 35.05 | 275 | 102 | A | H |
| | * | 2412 | 106.28 | - | - | 91.73 | 32.17 | 17.43 | 35.05 | 275 | 102 | P | H |
| | * | 2412 | 102.96 | - | - | 88.41 | 32.17 | 17.43 | 35.05 | 275 | 102 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2313.15 | 54.54 | -19.46 | 74 | 40.13 | 32.12 | 17.31 | 35.02 | 115 | 168 | P | V |
| | | 2389.905 | 43.99 | -10.01 | 54 | 29.45 | 32.16 | 17.43 | 35.05 | 115 | 168 | A | V |
| | * | 2412 | 106.71 | - | - | 92.16 | 32.17 | 17.43 | 35.05 | 115 | 168 | P | V |
| | * | 2412 | 103.55 | - | - | 89 | 32.17 | 17.43 | 35.05 | 115 | 168 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 02 2417MHz | | 2386.3 | 56.98 | -17.02 | 74 | 42.43 | 32.16 | 7.44 | 35.04 | 309 | 104 | P | H |
| | | 2389.94 | 47.95 | -6.05 | 54 | 33.41 | 32.16 | 7.44 | 35.05 | 309 | 104 | A | H |
| | * | 2417 | 111.15 | - | - | 96.61 | 32.17 | 7.44 | 35.06 | 309 | 104 | P | H |
| | * | 2417 | 108.07 | - | - | 93.53 | 32.17 | 7.44 | 35.06 | 309 | 104 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2385.32 | 58.59 | -15.41 | 74 | 44.05 | 32.15 | 7.44 | 35.04 | 112 | 167 | P | V |
| | | 2389.94 | 48.93 | -5.07 | 54 | 34.39 | 32.16 | 7.44 | 35.05 | 112 | 167 | A | V |
| | * | 2417 | 111.86 | - | - | 97.32 | 32.17 | 7.44 | 35.06 | 112 | 167 | P | V |
| | * | 2417 | 108.85 | - | - | 94.31 | 32.17 | 7.44 | 35.06 | 112 | 167 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 06 2437MHz | | 2389.94 | 55.92 | -18.08 | 74 | 41.38 | 32.16 | 17.43 | 35.05 | 302 | 104 | P | H |
| | | 2388.26 | 44.85 | -9.15 | 54 | 30.3 | 32.16 | 17.43 | 35.04 | 302 | 104 | A | H |
| | * | 2437 | 112.82 | - | - | 98.21 | 32.18 | 17.49 | 35.06 | 302 | 104 | P | H |
| | * | 2437 | 109.75 | - | - | 95.14 | 32.18 | 17.49 | 35.06 | 302 | 104 | A | H |
| | | 2483.62 | 54.52 | -19.48 | 74 | 39.85 | 32.19 | 17.55 | 35.07 | 302 | 104 | P | H |
| | | 2485.58 | 44.74 | -9.26 | 54 | 30.07 | 32.19 | 17.55 | 35.07 | 302 | 104 | A | H |
| | | 2387 | 57.6 | -16.4 | 74 | 43.05 | 32.16 | 17.43 | 35.04 | 134 | 167 | P | V |
| | | 2386.44 | 46.32 | -7.68 | 54 | 31.77 | 32.16 | 17.43 | 35.04 | 134 | 167 | A | V |
| | * | 2437 | 114.02 | - | - | 99.41 | 32.18 | 17.49 | 35.06 | 134 | 167 | P | V |
| | * | 2437 | 110.94 | - | - | 96.33 | 32.18 | 17.49 | 35.06 | 134 | 167 | A | V |
| | | 2484.11 | 56.14 | -17.86 | 74 | 41.47 | 32.19 | 17.55 | 35.07 | 134 | 167 | P | V |
| | | 2485.79 | 45.46 | -8.54 | 54 | 30.79 | 32.19 | 17.55 | 35.07 | 134 | 167 | A | V |
| 802.11b CH 10 2457MHz | * | 2457 | 112.86 | - | - | 98.24 | 32.19 | 7.5 | 35.06 | 296 | 104 | P | H |
| | * | 2457 | 109.7 | - | - | 95.08 | 32.19 | 7.5 | 35.06 | 296 | 104 | A | H |
| | | 2484.1 | 59.79 | -14.21 | 74 | 45.12 | 32.19 | 7.56 | 35.07 | 296 | 104 | P | H |
| | | 2483.5 | 50.71 | -3.29 | 54 | 36.04 | 32.19 | 7.56 | 35.07 | 296 | 104 | A | H |
| | | | | | | | | | | | | P | H |
| | | | | | | | | | | | | A | H |
| | * | 2457 | 113.12 | - | - | 98.5 | 32.19 | 7.5 | 35.06 | 125 | 168 | P | V |
| | * | 2457 | 110.01 | - | - | 95.39 | 32.19 | 7.5 | 35.06 | 125 | 168 | A | V |
| | | 2483.92 | 58.28 | -15.72 | 74 | 43.61 | 32.19 | 7.56 | 35.07 | 125 | 168 | P | V |
| | | 2483.5 | 50.2 | -3.8 | 54 | 35.53 | 32.19 | 7.56 | 35.07 | 125 | 168 | A | V |
| | | | | | | | | | | | | P | V |
| | | | | | | | | | | | | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 11 2462MHz | * | 2462 | 112.34 | - | - | 97.66 | 32.19 | 17.55 | 35.06 | 296 | 105 | P | H |
| | * | 2462 | 109.12 | - | - | 94.44 | 32.19 | 17.55 | 35.06 | 296 | 105 | A | H |
| | | 2484.56 | 60.62 | -13.38 | 74 | 45.95 | 32.19 | 17.55 | 35.07 | 296 | 105 | P | H |
| | | 2483.52 | 52.15 | -1.85 | 54 | 37.48 | 32.19 | 17.55 | 35.07 | 296 | 105 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 112.9 | - | - | 98.22 | 32.19 | 17.55 | 35.06 | 115 | 167 | P | V |
| | * | 2462 | 109.73 | - | - | 95.05 | 32.19 | 17.55 | 35.06 | 115 | 167 | A | V |
| | | 2484.68 | 60.49 | -13.51 | 74 | 45.82 | 32.19 | 17.55 | 35.07 | 115 | 167 | P | V |
| | | 2483.52 | 52.24 | -1.76 | 54 | 37.57 | 32.19 | 17.55 | 35.07 | 115 | 167 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Harmonic @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 01 2412MHz | | 4824 | 53.29 | -20.71 | 74 | 67.02 | 34.63 | 10.98 | 59.34 | 106 | 331 | P | H |
| | | 4824 | 50.39 | -3.61 | 54 | 64.12 | 34.63 | 10.98 | 59.34 | 106 | 331 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 53.55 | -20.45 | 74 | 67.28 | 34.63 | 10.98 | 59.34 | 100 | 57 | P | V |
| | | 4824 | 50.57 | -3.43 | 54 | 64.3 | 34.63 | 10.98 | 59.34 | 100 | 57 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 06 2437MHz | | 4874 | 51.62 | -22.38 | 74 | 65.18 | 34.65 | 11.03 | 59.24 | 100 | 325 | P | H |
| | | 4874 | 48.92 | -5.08 | 54 | 62.48 | 34.65 | 11.03 | 59.24 | 100 | 325 | A | H |
| | | 7311 | 49.22 | -24.78 | 74 | 57.95 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 53.03 | -20.97 | 74 | 66.59 | 34.65 | 11.03 | 59.24 | 100 | 55 | P | V |
| | | 4874 | 50.53 | -3.47 | 54 | 64.09 | 34.65 | 11.03 | 59.24 | 100 | 55 | A | V |
| | | 7311 | 55.88 | -18.12 | 74 | 64.61 | 35.74 | 13.66 | 58.13 | 100 | 21 | P | V |
| | | 7311 | 50.93 | -3.07 | 54 | 59.66 | 35.74 | 13.66 | 58.13 | 100 | 21 | A | V |
| 802.11b CH 11 2462MHz | | 4924 | 49.2 | -24.8 | 74 | 62.58 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 49.33 | -24.67 | 74 | 58.11 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 53.23 | -20.77 | 74 | 66.61 | 34.67 | 11.09 | 59.14 | 100 | 163 | P | V |
| | | 4924 | 50.84 | -3.16 | 54 | 64.22 | 34.67 | 11.09 | 59.14 | 100 | 163 | A | V |
| | | 7386 | 54.23 | -19.77 | 74 | 63.01 | 35.72 | 13.76 | 58.26 | 100 | 23 | P | V |
| | | 7386 | 50.78 | -3.22 | 54 | 59.56 | 35.72 | 13.76 | 58.26 | 100 | 23 | A | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Band Edge @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 2389.695 | 63 | -11 | 74 | 48.45 | 32.16 | 17.43 | 35.04 | 309 | 105 | P | H |
| | | 2389.905 | 52.31 | -1.69 | 54 | 37.77 | 32.16 | 17.43 | 35.05 | 309 | 105 | A | H |
| | * | 2412 | 107.88 | - | - | 93.33 | 32.17 | 17.43 | 35.05 | 309 | 105 | P | H |
| | * | 2412 | 100.12 | - | - | 85.57 | 32.17 | 17.43 | 35.05 | 309 | 105 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2390 | 63.56 | -10.44 | 74 | 49.02 | 32.16 | 17.43 | 35.05 | 112 | 177 | P | V |
| | | 2390 | 52.96 | -1.04 | 54 | 38.42 | 32.16 | 17.43 | 35.05 | 112 | 177 | A | V |
| | * | 2412 | 107.58 | - | - | 93.03 | 32.17 | 17.43 | 35.05 | 112 | 177 | P | V |
| | * | 2412 | 100.08 | - | - | 85.53 | 32.17 | 17.43 | 35.05 | 112 | 177 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 02 2417MHz | | 2389.66 | 64 | -10 | 74 | 49.45 | 32.16 | 7.44 | 35.04 | 311 | 106 | P | H |
| | | 2389.94 | 51.36 | -2.64 | 54 | 36.82 | 32.16 | 7.44 | 35.05 | 311 | 106 | A | H |
| | * | 2417 | 110.39 | - | - | 95.85 | 32.17 | 7.44 | 35.06 | 311 | 106 | P | H |
| | * | 2417 | 102.83 | - | - | 88.29 | 32.17 | 7.44 | 35.06 | 311 | 106 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2388.68 | 64.08 | -9.92 | 74 | 49.53 | 32.16 | 7.44 | 35.04 | 135 | 175 | P | V |
| | | 2389.94 | 51.31 | -2.69 | 54 | 36.77 | 32.16 | 7.44 | 35.05 | 135 | 175 | A | V |
| | * | 2417 | 110.78 | - | - | 96.24 | 32.17 | 7.44 | 35.06 | 135 | 175 | P | V |
| | * | 2417 | 103.15 | - | - | 88.61 | 32.17 | 7.44 | 35.06 | 135 | 175 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 06 2437MHz | | 2388.96 | 60.59 | -13.41 | 74 | 46.04 | 32.16 | 17.43 | 35.04 | 303 | 104 | P | H |
| | | 2389.94 | 49.29 | -4.71 | 54 | 34.75 | 32.16 | 17.43 | 35.05 | 303 | 104 | A | H |
| | * | 2437 | 114.74 | - | - | 100.13 | 32.18 | 17.49 | 35.06 | 303 | 104 | P | H |
| | * | 2437 | 107.33 | - | - | 92.72 | 32.18 | 17.49 | 35.06 | 303 | 104 | A | H |
| | | 2483.55 | 58.07 | -15.93 | 74 | 43.4 | 32.19 | 17.55 | 35.07 | 303 | 104 | P | H |
| | | 2483.5 | 48.49 | -5.51 | 54 | 33.82 | 32.19 | 17.55 | 35.07 | 303 | 104 | A | H |
| | | 2389.38 | 61.45 | -12.55 | 74 | 46.9 | 32.16 | 17.43 | 35.04 | 136 | 162 | P | V |
| | | 2389.8 | 51.19 | -2.81 | 54 | 36.65 | 32.16 | 17.43 | 35.05 | 136 | 162 | A | V |
| | * | 2437 | 115.26 | - | - | 100.65 | 32.18 | 17.49 | 35.06 | 136 | 162 | P | V |
| | * | 2437 | 107.86 | - | - | 93.25 | 32.18 | 17.49 | 35.06 | 136 | 162 | A | V |
| | | 2484.11 | 60.25 | -13.75 | 74 | 45.58 | 32.19 | 17.55 | 35.07 | 136 | 162 | P | V |
| | | 2483.9 | 49.12 | -4.88 | 54 | 34.45 | 32.19 | 17.55 | 35.07 | 136 | 162 | A | V |
| 802.11g CH 10 2457MHz | * | 2457 | 112.5 | - | - | 97.88 | 32.19 | 7.5 | 35.06 | 296 | 104 | P | H |
| | * | 2457 | 104.69 | - | - | 90.07 | 32.19 | 7.5 | 35.06 | 296 | 104 | A | H |
| | | 2483.62 | 65.05 | -8.95 | 74 | 50.38 | 32.19 | 7.56 | 35.07 | 296 | 104 | P | H |
| | | 2483.62 | 51.87 | -2.13 | 54 | 37.2 | 32.19 | 7.56 | 35.07 | 296 | 104 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2457 | 112.79 | - | - | 98.17 | 32.19 | 7.5 | 35.06 | 154 | 175 | P | V |
| | * | 2457 | 105.05 | - | - | 90.43 | 32.19 | 7.5 | 35.06 | 154 | 175 | A | V |
| | | 2484.94 | 62.59 | -11.41 | 74 | 47.92 | 32.19 | 7.56 | 35.07 | 154 | 175 | P | V |
| | | 2483.56 | 51.18 | -2.82 | 54 | 36.51 | 32.19 | 7.56 | 35.07 | 154 | 175 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 11 2462MHz | * | 2462 | 109.59 | - | - | 94.91 | 32.19 | 17.55 | 35.06 | 334 | 103 | P | H |
| | * | 2462 | 101.98 | - | - | 87.3 | 32.19 | 17.55 | 35.06 | 334 | 103 | A | H |
| | | 2483.96 | 60.8 | -13.2 | 74 | 46.13 | 32.19 | 17.55 | 35.07 | 334 | 103 | P | H |
| | | 2483.52 | 51.48 | -2.52 | 54 | 36.81 | 32.19 | 17.55 | 35.07 | 334 | 103 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 110.82 | - | - | 96.14 | 32.19 | 17.55 | 35.06 | 116 | 161 | P | V |
| | * | 2462 | 103.18 | - | - | 88.5 | 32.19 | 17.55 | 35.06 | 116 | 161 | A | V |
| | | 2483.64 | 62.24 | -11.76 | 74 | 47.57 | 32.19 | 17.55 | 35.07 | 116 | 161 | P | V |
| | | 2483.52 | 52.23 | -1.77 | 54 | 37.56 | 32.19 | 17.55 | 35.07 | 116 | 161 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Harmonic @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 4824 | 49.58 | -24.42 | 74 | 63.31 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 49.03 | -24.97 | 74 | 62.76 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 06 2437MHz | | 4874 | 46.87 | -27.13 | 74 | 60.43 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 48.11 | -25.89 | 74 | 56.84 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 48.94 | -25.06 | 74 | 62.5 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| | | 7311 | 56.95 | -17.05 | 74 | 65.68 | 35.74 | 13.66 | 58.13 | 100 | 14 | P | V |
| | | 7311 | 46.01 | -7.99 | 54 | 54.74 | 35.74 | 13.66 | 58.13 | 100 | 14 | A | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 11 2462MHz | | 4924 | 46.92 | -27.08 | 74 | 60.3 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 44.56 | -29.44 | 74 | 53.34 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 49.59 | -24.41 | 74 | 62.97 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| | | 7386 | 46.89 | -27.11 | 74 | 55.67 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.905 | 61.97 | -12.03 | 74 | 47.43 | 32.16 | 17.43 | 35.05 | 310 | 103 | P | H |
| | | 2390 | 51.9 | -2.1 | 54 | 37.36 | 32.16 | 17.43 | 35.05 | 310 | 103 | A | H |
| | * | 2412 | 105.64 | - | - | 91.09 | 32.17 | 17.43 | 35.05 | 310 | 103 | P | H |
| | * | 2412 | 97.96 | - | - | 83.41 | 32.17 | 17.43 | 35.05 | 310 | 103 | A | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 2389.8 | 62.31 | -11.69 | 74 | 47.77 | 32.16 | 17.43 | 35.05 | 208 | 162 | P | V |
| 2412MHz | | 2390 | 52.64 | -1.36 | 54 | 38.1 | 32.16 | 17.43 | 35.05 | 208 | 162 | A | V |
| | * | 2412 | 105.91 | - | - | 91.36 | 32.17 | 17.43 | 35.05 | 208 | 162 | P | V |
| | * | 2412 | 98.11 | - | - | 83.56 | 32.17 | 17.43 | 35.05 | 208 | 162 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 2389.8 | 63.46 | -10.54 | 74 | 48.92 | 32.16 | 7.44 | 35.05 | 309 | 102 | P | H |
| | | 2389.94 | 51.42 | -2.58 | 54 | 36.88 | 32.16 | 7.44 | 35.05 | 309 | 102 | A | H |
| | * | 2417 | 109.71 | - | - | 95.17 | 32.17 | 7.44 | 35.06 | 309 | 102 | P | H |
| | * | 2417 | 102.39 | - | - | 87.85 | 32.17 | 7.44 | 35.06 | 309 | 102 | A | H |
| 802.11ac | | | | | | | | | | | | P | H |
| VHT20 | | | | | | | | | | | | A | H |
| CH 02 | | 2387.28 | 64.76 | -9.24 | 74 | 50.21 | 32.16 | 7.44 | 35.04 | 114 | 160 | P | V |
| 2417MHz | | 2389.94 | 52.76 | -1.24 | 54 | 38.22 | 32.16 | 7.44 | 35.05 | 114 | 160 | A | V |
| | * | 2417 | 110.68 | - | - | 96.14 | 32.17 | 7.44 | 35.06 | 114 | 160 | P | V |
| | * | 2417 | 103.14 | - | - | 88.6 | 32.17 | 7.44 | 35.06 | 114 | 160 | A | V |
| | | | | | | | | | | | | P | V |
| | | | | | | | | | | | | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.94 | 60.77 | -13.23 | 74 | 46.23 | 32.16 | 17.43 | 35.05 | 300 | 117 | P | H |
| | | 2389.94 | 50.89 | -3.11 | 54 | 36.35 | 32.16 | 17.43 | 35.05 | 300 | 117 | A | H |
| | * | 2437 | 114.81 | - | - | 100.2 | 32.18 | 17.49 | 35.06 | 300 | 117 | P | H |
| | * | 2437 | 106.78 | - | - | 92.17 | 32.18 | 17.49 | 35.06 | 300 | 117 | A | H |
| **802.11ac** | | 2483.9 | 57.65 | -16.35 | 74 | 42.98 | 32.19 | 17.55 | 35.07 | 300 | 117 | P | H |
| **VHT20** | | 2483.55 | 48.66 | -5.34 | 54 | 33.99 | 32.19 | 17.55 | 35.07 | 300 | 117 | A | H |
| **CH 06** | | 2389.38 | 62.08 | -11.92 | 74 | 47.53 | 32.16 | 17.43 | 35.04 | 126 | 182 | P | V |
| **2437MHz** | | 2389.94 | 51.54 | -2.46 | 54 | 37 | 32.16 | 17.43 | 35.05 | 126 | 182 | A | V |
| | * | 2437 | 114.53 | - | - | 99.92 | 32.18 | 17.49 | 35.06 | 126 | 182 | P | V |
| | * | 2437 | 107.26 | - | - | 92.65 | 32.18 | 17.49 | 35.06 | 126 | 182 | A | V |
| | | 2485.3 | 57.42 | -16.58 | 74 | 42.75 | 32.19 | 17.55 | 35.07 | 126 | 182 | P | V |
| | | 2483.62 | 48.87 | -5.13 | 54 | 34.2 | 32.19 | 17.55 | 35.07 | 126 | 182 | A | V |
| | * | 2457 | 111.93 | - | - | 97.31 | 32.19 | 7.5 | 35.06 | 295 | 104 | P | H |
| | * | 2457 | 103.94 | - | - | 89.32 | 32.19 | 7.5 | 35.06 | 295 | 104 | A | H |
| | | 2484.1 | 62.61 | -11.39 | 74 | 47.94 | 32.19 | 7.56 | 35.07 | 295 | 104 | P | H |
| | | 2483.86 | 51.9 | -2.1 | 54 | 37.23 | 32.19 | 7.56 | 35.07 | 295 | 104 | A | H |
| **802.11ac** | | | | | | | | | | | | P | H |
| **VHT20** | | | | | | | | | | | | A | H |
| **CH 10** | * | 2457 | 111.28 | - | - | 96.66 | 32.19 | 7.5 | 35.06 | 128 | 159 | P | V |
| **2457MHz** | * | 2457 | 103.8 | - | - | 89.18 | 32.19 | 7.5 | 35.06 | 128 | 159 | A | V |
| | | 2484.16 | 62.88 | -11.12 | 74 | 48.21 | 32.19 | 7.56 | 35.07 | 128 | 159 | P | V |
| | | 2483.5 | 51.66 | -2.34 | 54 | 36.99 | 32.19 | 7.56 | 35.07 | 128 | 159 | A | V |
| | | | | | | | | | | | | P | V |
| | | | | | | | | | | | | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 2462 | 109.42 | - | - | 94.74 | 32.19 | 17.55 | 35.06 | 296 | 104 | P | H |
| | * | 2462 | 101.61 | - | - | 86.93 | 32.19 | 17.55 | 35.06 | 296 | 104 | A | H |
| | | 2483.84 | 60.65 | -13.35 | 74 | 45.98 | 32.19 | 17.55 | 35.07 | 296 | 104 | P | H |
| | | 2483.52 | 51 | -3 | 54 | 36.33 | 32.19 | 17.55 | 35.07 | 296 | 104 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 11** | * | 2462 | 110.32 | - | - | 95.64 | 32.19 | 17.55 | 35.06 | 114 | 176 | P | V |
| **2462MHz** | * | 2462 | 102.26 | - | - | 87.58 | 32.19 | 17.55 | 35.06 | 114 | 176 | A | V |
| | | 2483.6 | 59 | -15 | 74 | 44.33 | 32.19 | 17.55 | 35.07 | 114 | 176 | P | V |
| | | 2483.52 | 49.46 | -4.54 | 54 | 34.79 | 32.19 | 17.55 | 35.07 | 114 | 176 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBµV/m ) | Over Limit ( dB ) | Limit Line ( dBµV/m ) | Read Level ( dBµV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4824 | 46.8 | -27.2 | 74 | 60.53 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 4824 | 47.58 | -26.42 | 74 | 61.31 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| 2412MHz | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 46.47 | -27.53 | 74 | 60.03 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 47.46 | -26.54 | 74 | 56.19 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 49.75 | -24.25 | 74 | 63.31 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 56.36 | -17.64 | 74 | 65.09 | 35.74 | 13.66 | 58.13 | 100 | 24 | P | V |
| | | 7311 | 46.45 | -7.55 | 54 | 55.18 | 35.74 | 13.66 | 58.13 | 100 | 24 | A | V |
| | | | | | | | | | | | | | V |
| | | 4924 | 46.52 | -27.48 | 74 | 59.9 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 43.96 | -30.04 | 74 | 52.74 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | | 4924 | 49.89 | -24.11 | 74 | 63.27 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| 2462MHz | | 7386 | 45.95 | -28.05 | 74 | 54.73 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |
|---|---|

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.94 | 57.96 | -16.04 | 74 | 43.42 | 32.16 | 17.43 | 35.05 | 270 | 101 | P | H |
| | | 2389.8 | 50.49 | -3.51 | 54 | 35.95 | 32.16 | 17.43 | 35.05 | 270 | 101 | A | H |
| | * | 2422 | 103.87 | - | - | 89.27 | 32.17 | 17.49 | 35.06 | 270 | 101 | P | H |
| | * | 2422 | 96.06 | - | - | 81.46 | 32.17 | 17.49 | 35.06 | 270 | 101 | A | H |
| 802.11ac | | 2498.39 | 56 | -18 | 74 | 41.33 | 32.2 | 17.55 | 35.08 | 270 | 101 | P | H |
| VHT40 | | 2498.74 | 45.78 | -8.22 | 54 | 31.11 | 32.2 | 17.55 | 35.08 | 270 | 101 | A | H |
| CH 03 | | 2389.94 | 60.86 | -13.14 | 74 | 46.32 | 32.16 | 17.43 | 35.05 | 113 | 159 | P | V |
| 2422MHz | | 2389.94 | 52.44 | -1.56 | 54 | 37.9 | 32.16 | 17.43 | 35.05 | 113 | 159 | A | V |
| | * | 2426 | 104.54 | - | - | 89.94 | 32.17 | 17.49 | 35.06 | 113 | 159 | P | V |
| | * | 2426 | 96.86 | - | - | 82.26 | 32.17 | 17.49 | 35.06 | 113 | 159 | A | V |
| | | 2485.3 | 56.23 | -17.77 | 74 | 41.56 | 32.19 | 17.55 | 35.07 | 113 | 159 | P | V |
| | | 2484.25 | 45.9 | -8.1 | 54 | 31.23 | 32.19 | 17.55 | 35.07 | 113 | 159 | A | V |
| | | 2389.24 | 60.15 | -13.85 | 74 | 45.6 | 32.16 | 7.44 | 35.04 | 303 | 104 | P | H |
| | | 2389.52 | 49.93 | -4.07 | 54 | 35.38 | 32.16 | 7.44 | 35.04 | 303 | 104 | A | H |
| | * | 2427 | 104.08 | - | - | 89.48 | 32.17 | 7.5 | 35.06 | 303 | 104 | P | H |
| | * | 2427 | 96.52 | - | - | 81.92 | 32.17 | 7.5 | 35.06 | 303 | 104 | A | H |
| 802.11ac | | 2485.09 | 55.43 | -18.57 | 74 | 40.76 | 32.19 | 7.56 | 35.07 | 303 | 104 | P | H |
| VHT40 | | 2484.46 | 45.6 | -8.4 | 54 | 30.93 | 32.19 | 7.56 | 35.07 | 303 | 104 | A | H |
| CH 04 | | 2389.94 | 62.27 | -11.73 | 74 | 47.73 | 32.16 | 7.44 | 35.05 | 112 | 160 | P | V |
| 2427MHz | | 2389.24 | 51.46 | -2.54 | 54 | 36.91 | 32.16 | 7.44 | 35.04 | 112 | 160 | A | V |
| | * | 2427 | 105.75 | - | - | 91.15 | 32.17 | 7.5 | 35.06 | 112 | 160 | P | V |
| | * | 2427 | 97.89 | - | - | 83.29 | 32.17 | 7.5 | 35.06 | 112 | 160 | A | V |
| | | 2483.97 | 57.31 | -16.69 | 74 | 42.64 | 32.19 | 7.56 | 35.07 | 112 | 160 | P | V |
| | | 2483.9 | 46.28 | -7.72 | 54 | 31.61 | 32.19 | 7.56 | 35.07 | 112 | 160 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.94 | 61.2 | -12.8 | 74 | 46.66 | 32.16 | 17.43 | 35.05 | 303 | 117 | P | H |
| | | 2389.94 | 52.13 | -1.87 | 54 | 37.59 | 32.16 | 17.43 | 35.05 | 303 | 117 | A | H |
| | * | 2437 | 105.6 | - | - | 90.99 | 32.18 | 17.49 | 35.06 | 303 | 117 | P | H |
| | * | 2437 | 97.96 | - | - | 83.35 | 32.18 | 17.49 | 35.06 | 303 | 117 | A | H |
| **802.11ac** | | 2484.39 | 57.9 | -16.1 | 74 | 43.23 | 32.19 | 17.55 | 35.07 | 303 | 117 | P | H |
| **VHT40** | | 2483.55 | 49.65 | -4.35 | 54 | 34.98 | 32.19 | 17.55 | 35.07 | 303 | 117 | A | H |
| **CH 06** | | 2388.54 | 60.18 | -13.82 | 74 | 45.63 | 32.16 | 17.43 | 35.04 | 130 | 165 | P | V |
| **2437MHz** | | 2389.66 | 51.98 | -2.02 | 54 | 37.43 | 32.16 | 17.43 | 35.04 | 130 | 165 | A | V |
| | * | 2437 | 106.47 | - | - | 91.86 | 32.18 | 17.49 | 35.06 | 130 | 165 | P | V |
| | * | 2437 | 98.29 | - | - | 83.68 | 32.18 | 17.49 | 35.06 | 130 | 165 | A | V |
| | | 2483.62 | 59.92 | -14.08 | 74 | 45.25 | 32.19 | 17.55 | 35.07 | 130 | 165 | P | V |
| | | 2483.9 | 50.09 | -3.91 | 54 | 35.42 | 32.19 | 17.55 | 35.07 | 130 | 165 | A | V |
| | | 2389.8 | 56.27 | -17.73 | 74 | 41.73 | 32.16 | 7.44 | 35.05 | 304 | 102 | P | H |
| | | 2389.8 | 45.71 | -8.29 | 54 | 31.17 | 32.16 | 7.44 | 35.05 | 304 | 102 | A | H |
| | * | 2447 | 105.41 | - | - | 90.8 | 32.18 | 7.5 | 35.06 | 304 | 102 | P | H |
| | * | 2447 | 97.82 | - | - | 83.21 | 32.18 | 7.5 | 35.06 | 304 | 102 | A | H |
| **802.11ac** | | 2483.76 | 59.51 | -14.49 | 74 | 44.84 | 32.19 | 7.56 | 35.07 | 304 | 102 | P | H |
| **VHT40** | | 2484.6 | 50.54 | -3.46 | 54 | 35.87 | 32.19 | 7.56 | 35.07 | 304 | 102 | A | H |
| **CH 08** | | 2388.12 | 59.7 | -14.3 | 74 | 45.15 | 32.16 | 7.44 | 35.04 | 134 | 161 | P | V |
| **2447MHz** | | 2389.94 | 46.77 | -7.23 | 54 | 32.23 | 32.16 | 7.44 | 35.05 | 134 | 161 | A | V |
| | * | 2450 | 105.42 | - | - | 90.81 | 32.18 | 7.5 | 35.06 | 134 | 161 | P | V |
| | * | 2444 | 97.62 | - | - | 83.01 | 32.18 | 7.5 | 35.06 | 134 | 161 | A | V |
| | | 2485.3 | 61.01 | -12.99 | 74 | 46.34 | 32.19 | 7.56 | 35.07 | 134 | 161 | P | V |
| | | 2483.83 | 52.32 | -1.68 | 54 | 37.65 | 32.19 | 7.56 | 35.07 | 134 | 161 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2387.98 | 56.64 | -17.36 | 74 | 42.09 | 32.16 | 17.43 | 35.04 | 296 | 103 | P | H |
| | | 2367.4 | 46.32 | -7.68 | 54 | 31.85 | 32.14 | 17.37 | 35.04 | 296 | 103 | A | H |
| | * | 2452 | 105.54 | - | - | 90.93 | 32.18 | 17.49 | 35.06 | 296 | 103 | P | H |
| | * | 2452 | 97.65 | - | - | 83.04 | 32.18 | 17.49 | 35.06 | 296 | 103 | A | H |
| **802.11ac** | | 2484.39 | 60.3 | -13.7 | 74 | 45.63 | 32.19 | 17.55 | 35.07 | 296 | 103 | P | H |
| **VHT40** | | 2483.55 | 51.92 | -2.08 | 54 | 37.25 | 32.19 | 17.55 | 35.07 | 296 | 103 | A | H |
| **CH 09** | | 2389.94 | 59.99 | -14.01 | 74 | 45.45 | 32.16 | 17.43 | 35.05 | 136 | 160 | P | V |
| **2452MHz** | | 2388.4 | 47.19 | -6.81 | 54 | 32.64 | 32.16 | 17.43 | 35.04 | 136 | 160 | A | V |
| | * | 2452 | 105.69 | - | - | 91.08 | 32.18 | 17.49 | 35.06 | 136 | 160 | P | V |
| | * | 2452 | 97.68 | - | - | 83.07 | 32.18 | 17.49 | 35.06 | 136 | 160 | A | V |
| | | 2485.3 | 61.61 | -12.39 | 74 | 46.94 | 32.19 | 17.55 | 35.07 | 136 | 160 | P | V |
| | | 2484.67 | 52.4 | -1.6 | 54 | 37.73 | 32.19 | 17.55 | 35.07 | 136 | 160 | A | V |

**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 42.81 | -31.19 | 74 | 56.5 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 43.93 | -30.07 | 74 | 52.66 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 43.55 | -30.45 | 74 | 57.24 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 44.03 | -29.97 | 74 | 52.76 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 43.31 | -30.69 | 74 | 56.87 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 43.47 | -30.53 | 74 | 52.2 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 45.61 | -28.39 | 74 | 59.17 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 43.34 | -30.66 | 74 | 52.07 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4904 | 44.09 | -29.91 | 74 | 57.5 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | H |
| | | 7356 | 43.31 | -30.69 | 74 | 52.08 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 09 | | 4904 | 44.75 | -29.25 | 74 | 58.16 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | V |
| 2452MHz | | 7356 | 42.75 | -31.25 | 74 | 51.52 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11g (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 2.4GHz 802.11g LF | | 104.25 | 26 | -17.5 | 43.5 | 39 | 16.53 | 2.03 | 31.56 | - | - | P | H |
| | | 143.94 | 34.66 | -8.84 | 43.5 | 46.63 | 17.3 | 2.24 | 31.51 | 100 | 0 | P | H |
| | | 292.71 | 27.17 | -18.83 | 46 | 36.61 | 19.01 | 2.86 | 31.31 | - | - | P | H |
| | | 598.9 | 25.93 | -20.07 | 46 | 27.35 | 25.45 | 3.96 | 30.83 | - | - | P | H |
| | | 867.7 | 31.16 | -14.84 | 46 | 27.84 | 28.98 | 4.88 | 30.54 | - | - | P | H |
| | | 984.6 | 32.14 | -21.86 | 54 | 26.85 | 30.69 | 5.11 | 30.51 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 30 | 31.28 | -8.72 | 40 | 36.7 | 24.6 | 1.33 | 31.35 | 100 | 0 | P | V |
| | | 96.69 | 33.69 | -9.81 | 43.5 | 48.06 | 15.45 | 1.74 | 31.56 | - | - | P | V |
| | | 136.11 | 31.04 | -12.46 | 43.5 | 43.14 | 17.41 | 2.01 | 31.52 | - | - | P | V |
| | | 561.8 | 25.85 | -20.15 | 46 | 27.09 | 25.84 | 3.81 | 30.89 | - | - | P | V |
| | | 785.1 | 30.23 | -15.77 | 46 | 28.25 | 27.98 | 4.6 | 30.6 | - | - | P | V |
| | | 982.5 | 32.28 | -21.72 | 54 | 26.94 | 30.74 | 5.11 | 30.51 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Band Edge @ 3m)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11b CH 01 2412MHz | | 2321.76 | 54.95 | -19.05 | 74 | 40.53 | 32.13 | 17.31 | 35.02 | 302 | 335 | P | H |
| | | 2385.6 | 44.09 | -9.91 | 54 | 29.54 | 32.16 | 17.43 | 35.04 | 302 | 335 | A | H |
| | * | 2412 | 106.56 | - | - | 92.01 | 32.17 | 17.43 | 35.05 | 302 | 335 | P | H |
| | * | 2412 | 103.69 | - | - | 89.14 | 32.17 | 17.43 | 35.05 | 302 | 335 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2378.88 | 55.34 | -18.66 | 74 | 40.86 | 32.15 | 17.37 | 35.04 | 100 | 115 | P | V |
| | | 2390 | 44.14 | -9.86 | 54 | 29.6 | 32.16 | 17.43 | 35.05 | 100 | 115 | A | V |
| | * | 2412 | 107.7 | - | - | 93.15 | 32.17 | 17.43 | 35.05 | 100 | 115 | P | V |
| | * | 2412 | 104.58 | - | - | 90.03 | 32.17 | 17.43 | 35.05 | 100 | 115 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 02 2417MHz | | 2389.8 | 54.5 | -19.5 | 74 | 39.96 | 32.16 | 17.43 | 35.05 | 165 | 314 | P | H |
| | | 2388.54 | 46.17 | -7.83 | 54 | 31.62 | 32.16 | 17.43 | 35.04 | 165 | 314 | A | H |
| | * | 2417 | 110.24 | - | - | 95.7 | 32.17 | 17.43 | 35.06 | 165 | 314 | P | H |
| | * | 2417 | 107.13 | - | - | 92.59 | 32.17 | 17.43 | 35.06 | 165 | 314 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2389.94 | 55.74 | -18.26 | 74 | 41.2 | 32.16 | 17.43 | 35.05 | 114 | 238 | P | V |
| | | 2389.94 | 48.48 | -5.52 | 54 | 33.94 | 32.16 | 17.43 | 35.05 | 114 | 238 | A | V |
| | * | 2417 | 105.82 | - | - | 91.28 | 32.17 | 17.43 | 35.06 | 114 | 238 | P | V |
| | * | 2417 | 102.7 | - | - | 88.16 | 32.17 | 17.43 | 35.06 | 114 | 238 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 06 2437MHz | | 2384.9 | 56.33 | -17.67 | 74 | 41.79 | 32.15 | 17.43 | 35.04 | 305 | 277 | P | H |
| | | 2386.3 | 45.02 | -8.98 | 54 | 30.47 | 32.16 | 17.43 | 35.04 | 305 | 277 | A | H |
| | * | 2437 | 113.1 | - | - | 98.49 | 32.18 | 17.49 | 35.06 | 305 | 277 | P | H |
| | * | 2437 | 109.98 | - | - | 95.37 | 32.18 | 17.49 | 35.06 | 305 | 277 | A | H |
| | | 2483.76 | 54.63 | -19.37 | 74 | 39.96 | 32.19 | 17.55 | 35.07 | 305 | 277 | P | H |
| | | 2483.5 | 44.49 | -9.51 | 54 | 29.82 | 32.19 | 17.55 | 35.07 | 305 | 277 | A | H |
| | | 2386.58 | 61.62 | -12.38 | 74 | 47.07 | 32.16 | 17.43 | 35.04 | 100 | 237 | P | V |
| | | 2386.16 | 48.53 | -5.47 | 54 | 33.98 | 32.16 | 17.43 | 35.04 | 100 | 237 | A | V |
| | * | 2437 | 115.63 | - | - | 101.02 | 32.18 | 17.49 | 35.06 | 100 | 237 | P | V |
| | * | 2437 | 112.52 | - | - | 97.91 | 32.18 | 17.49 | 35.06 | 100 | 237 | A | V |
| | | 2484.04 | 54.43 | -19.57 | 74 | 39.76 | 32.19 | 17.55 | 35.07 | 100 | 237 | P | V |
| | | 2483.5 | 45.08 | -8.92 | 54 | 30.41 | 32.19 | 17.55 | 35.07 | 100 | 237 | A | V |
| 802.11b CH 10 2457MHz | * | 2457 | 112.5 | - | - | 97.88 | 32.19 | 17.49 | 35.06 | 108 | 274 | P | H |
| | * | 2457 | 109.51 | - | - | 94.89 | 32.19 | 17.49 | 35.06 | 108 | 274 | A | H |
| | | 2483.5 | 57.51 | -16.49 | 74 | 42.84 | 32.19 | 17.55 | 35.07 | 108 | 274 | P | H |
| | | 2483.62 | 50.23 | -3.77 | 54 | 35.56 | 32.19 | 17.55 | 35.07 | 108 | 274 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2457 | 115.39 | - | - | 100.77 | 32.19 | 17.49 | 35.06 | 100 | 245 | P | V |
| | * | 2457 | 112.3 | - | - | 97.68 | 32.19 | 17.49 | 35.06 | 100 | 245 | A | V |
| | | 2484.34 | 59.75 | -14.25 | 74 | 45.08 | 32.19 | 17.55 | 35.07 | 100 | 245 | P | V |
| | | 2483.5 | 48.02 | -5.98 | 54 | 33.35 | 32.19 | 17.55 | 35.07 | 100 | 245 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 11 2462MHz | * | 2462 | 110.49 | - | - | 95.81 | 32.19 | 17.55 | 35.06 | 307 | 255 | P | H |
| | * | 2462 | 107.42 | - | - | 92.74 | 32.19 | 17.55 | 35.06 | 307 | 255 | A | H |
| | | 2483.52 | 57.4 | -16.6 | 74 | 42.73 | 32.19 | 17.55 | 35.07 | 307 | 255 | P | H |
| | | 2483.52 | 50.98 | -3.02 | 54 | 36.31 | 32.19 | 17.55 | 35.07 | 307 | 255 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 115.24 | - | - | 100.56 | 32.19 | 17.55 | 35.06 | 100 | 241 | P | V |
| | * | 2462 | 112.16 | - | - | 97.48 | 32.19 | 17.55 | 35.06 | 100 | 241 | A | V |
| | | 2483.84 | 59.75 | -14.25 | 74 | 45.08 | 32.19 | 17.55 | 35.07 | 100 | 241 | P | V |
| | | 2483.52 | 51.45 | -2.55 | 54 | 36.78 | 32.19 | 17.55 | 35.07 | 100 | 241 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11b (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11b CH 01 2412MHz | | 4824 | 49.86 | -24.14 | 74 | 63.59 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 53.26 | -20.74 | 74 | 66.99 | 34.63 | 10.98 | 59.34 | 109 | 6 | P | V |
| | | 4824 | 50.17 | -3.83 | 54 | 63.9 | 34.63 | 10.98 | 59.34 | 109 | 6 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11b CH 06 2437MHz | | 4874 | 52 | -22 | 74 | 65.56 | 34.65 | 11.03 | 59.24 | 100 | 320 | P | H |
| | | 4874 | 49.24 | -4.76 | 54 | 62.8 | 34.65 | 11.03 | 59.24 | 100 | 320 | A | H |
| | | 7311 | 49.64 | -24.36 | 74 | 58.37 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 55.27 | -18.73 | 74 | 68.83 | 34.65 | 11.03 | 59.24 | 111 | 7 | P | V |
| | | 4874 | 50.82 | -3.18 | 54 | 64.38 | 34.65 | 11.03 | 59.24 | 111 | 7 | A | V |
| | | 7311 | 56.09 | -17.91 | 74 | 64.82 | 35.74 | 13.66 | 58.13 | 100 | 25 | P | V |
| | | 7311 | 50.87 | -3.13 | 54 | 59.6 | 35.74 | 13.66 | 58.13 | 100 | 25 | A | V |
| 802.11b CH 11 2462MHz | | 4924 | 53.25 | -20.75 | 74 | 66.63 | 34.67 | 11.09 | 59.14 | 100 | 326 | P | H |
| | | 4924 | 50.73 | -3.27 | 54 | 64.11 | 34.67 | 11.09 | 59.14 | 100 | 326 | A | H |
| | | 7386 | 50.87 | -23.13 | 74 | 59.65 | 35.72 | 13.76 | 58.26 | 103 | 340 | P | H |
| | | 7386 | 45.27 | -8.73 | 54 | 54.05 | 35.72 | 13.76 | 58.26 | 103 | 340 | A | H |
| | | 4924 | 54.38 | -19.62 | 74 | 67.76 | 34.67 | 11.09 | 59.14 | 100 | 3 | P | V |
| | | 4924 | 50.76 | -3.24 | 54 | 64.14 | 34.67 | 11.09 | 59.14 | 100 | 3 | A | V |
| | | 7386 | 54.17 | -19.83 | 74 | 62.95 | 35.72 | 13.76 | 58.26 | 100 | 136 | P | V |
| | | 7386 | 48.93 | -5.07 | 54 | 57.71 | 35.72 | 13.76 | 58.26 | 100 | 136 | A | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 2390 | 59.5 | -14.5 | 74 | 44.96 | 32.16 | 17.43 | 35.05 | 104 | 280 | P | H |
| | | 2390 | 49.8 | -4.2 | 54 | 35.26 | 32.16 | 17.43 | 35.05 | 104 | 280 | A | H |
| | * | 2412 | 105.87 | - | - | 91.32 | 32.17 | 17.43 | 35.05 | 104 | 280 | P | H |
| | * | 2412 | 98.69 | - | - | 84.14 | 32.17 | 17.43 | 35.05 | 104 | 280 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2390 | 62.27 | -11.73 | 74 | 47.73 | 32.16 | 17.43 | 35.05 | 112 | 240 | P | V |
| | | 2390 | 52.2 | -1.8 | 54 | 37.66 | 32.16 | 17.43 | 35.05 | 112 | 240 | A | V |
| | * | 2412 | 108.78 | - | - | 94.23 | 32.17 | 17.43 | 35.05 | 112 | 240 | P | V |
| | * | 2412 | 101.44 | - | - | 86.89 | 32.17 | 17.43 | 35.05 | 112 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 02 2417MHz | | 2389.52 | 59.22 | -14.78 | 74 | 44.67 | 32.16 | 17.43 | 35.04 | 105 | 278 | P | H |
| | | 2389.94 | 48.75 | -5.25 | 54 | 34.21 | 32.16 | 17.43 | 35.05 | 105 | 278 | A | H |
| | * | 2417 | 108.67 | - | - | 94.13 | 32.17 | 17.43 | 35.06 | 105 | 278 | P | H |
| | * | 2417 | 100.47 | - | - | 85.93 | 32.17 | 17.43 | 35.06 | 105 | 278 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 2389.8 | 60.76 | -13.24 | 74 | 46.22 | 32.16 | 17.43 | 35.05 | 112 | 240 | P | V |
| | | 2389.8 | 51.43 | -2.57 | 54 | 36.89 | 32.16 | 17.43 | 35.05 | 112 | 240 | A | V |
| | * | 2417 | 111.75 | - | - | 97.21 | 32.17 | 17.43 | 35.06 | 112 | 240 | P | V |
| | * | 2417 | 103.98 | - | - | 89.44 | 32.17 | 17.43 | 35.06 | 112 | 240 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 06 2437MHz | | 2389.24 | 58.34 | -15.66 | 74 | 43.79 | 32.16 | 17.43 | 35.04 | 107 | 295 | P | H |
| | | 2389.24 | 45.94 | -8.06 | 54 | 31.39 | 32.16 | 17.43 | 35.04 | 107 | 295 | A | H |
| | * | 2437 | 112.37 | - | - | 97.76 | 32.18 | 17.49 | 35.06 | 107 | 295 | P | H |
| | * | 2437 | 104.2 | - | - | 89.59 | 32.18 | 17.49 | 35.06 | 107 | 295 | A | H |
| | | 2483.55 | 55.64 | -18.36 | 74 | 40.97 | 32.19 | 17.55 | 35.07 | 107 | 295 | P | H |
| | | 2483.69 | 45.29 | -8.71 | 54 | 30.62 | 32.19 | 17.55 | 35.07 | 107 | 295 | A | H |
| | | 2389.8 | 58.58 | -15.42 | 74 | 44.04 | 32.16 | 17.43 | 35.05 | 111 | 246 | P | V |
| | | 2389.94 | 48.54 | -5.46 | 54 | 34 | 32.16 | 17.43 | 35.05 | 111 | 246 | A | V |
| | * | 2437 | 115.54 | - | - | 100.93 | 32.18 | 17.49 | 35.06 | 111 | 246 | P | V |
| | * | 2437 | 107.69 | - | - | 93.08 | 32.18 | 17.49 | 35.06 | 111 | 246 | A | V |
| | | 2483.9 | 56.01 | -17.99 | 74 | 41.34 | 32.19 | 17.55 | 35.07 | 111 | 246 | P | V |
| | | 2484.39 | 47.45 | -6.55 | 54 | 32.78 | 32.19 | 17.55 | 35.07 | 111 | 246 | A | V |
| 802.11g CH 10 2457MHz | * | 2457 | 111.06 | - | - | 96.44 | 32.19 | 17.49 | 35.06 | 107 | 273 | P | H |
| | * | 2457 | 103.9 | - | - | 89.28 | 32.19 | 17.49 | 35.06 | 107 | 273 | A | H |
| | | 2484.46 | 62.89 | -11.11 | 74 | 48.22 | 32.19 | 17.55 | 35.07 | 107 | 273 | P | H |
| | | 2483.56 | 50.95 | -3.05 | 54 | 36.28 | 32.19 | 17.55 | 35.07 | 107 | 273 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2457 | 113.61 | - | - | 98.99 | 32.19 | 17.49 | 35.06 | 121 | 247 | P | V |
| | * | 2457 | 106.4 | - | - | 91.78 | 32.19 | 17.49 | 35.06 | 121 | 247 | A | V |
| | | 2484.28 | 62.68 | -11.32 | 74 | 48.01 | 32.19 | 17.55 | 35.07 | 121 | 247 | P | V |
| | | 2483.5 | 51.03 | -2.97 | 54 | 36.36 | 32.19 | 17.55 | 35.07 | 121 | 247 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 11 2462MHz | * | 2462 | 109.97 | - | - | 95.29 | 32.19 | 17.55 | 35.06 | 107 | 277 | P | H |
| | * | 2462 | 102.41 | - | - | 87.73 | 32.19 | 17.55 | 35.06 | 107 | 277 | A | H |
| | | 2483.6 | 61.55 | -12.45 | 74 | 46.88 | 32.19 | 17.55 | 35.07 | 107 | 277 | P | H |
| | | 2483.64 | 51.01 | -2.99 | 54 | 36.34 | 32.19 | 17.55 | 35.07 | 107 | 277 | A | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | * | 2462 | 112.09 | - | - | 97.41 | 32.19 | 17.55 | 35.06 | 122 | 242 | P | V |
| | * | 2462 | 104.01 | - | - | 89.33 | 32.19 | 17.55 | 35.06 | 122 | 242 | A | V |
| | | 2484.2 | 61.62 | -12.38 | 74 | 46.95 | 32.19 | 17.55 | 35.07 | 122 | 242 | P | V |
| | | 2483.76 | 51.11 | -2.89 | 54 | 36.44 | 32.19 | 17.55 | 35.07 | 122 | 242 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11g (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 802.11g CH 01 2412MHz | | 4824 | 48.63 | -25.37 | 74 | 62.36 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4824 | 47.73 | -26.27 | 74 | 61.46 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| 802.11g CH 06 2437MHz | | 4874 | 49.2 | -24.8 | 74 | 62.76 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 48.64 | -25.36 | 74 | 57.37 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4874 | 51.93 | -22.07 | 74 | 65.49 | 34.65 | 11.03 | 59.24 | 114 | 7 | P | V |
| | | 4874 | 42.85 | -11.15 | 54 | 56.41 | 34.65 | 11.03 | 59.24 | 114 | 7 | A | V |
| | | 7311 | 55.57 | -18.43 | 74 | 64.3 | 35.74 | 13.66 | 58.13 | 100 | 23 | P | V |
| | | 7311 | 45.99 | -8.01 | 54 | 54.72 | 35.74 | 13.66 | 58.13 | 100 | 23 | A | V |
| 802.11g CH 11 2462MHz | | 4924 | 47.14 | -26.86 | 74 | 60.52 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 44.52 | -29.48 | 74 | 53.3 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | 4924 | 49.04 | -24.96 | 74 | 62.42 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| | | 7386 | 47.48 | -26.52 | 74 | 56.26 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.065 | 56.72 | -17.28 | 74 | 42.17 | 32.16 | 17.43 | 35.04 | 125 | 286 | P | H |
| | | 2389.905 | 47.59 | -6.41 | 54 | 33.05 | 32.16 | 17.43 | 35.05 | 125 | 286 | A | H |
| | * | 2412 | 105.94 | - | - | 91.39 | 32.17 | 17.43 | 35.05 | 125 | 286 | P | H |
| | * | 2412 | 98.26 | - | - | 83.71 | 32.17 | 17.43 | 35.05 | 125 | 286 | A | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 2385.81 | 62.36 | -11.64 | 74 | 47.81 | 32.16 | 17.43 | 35.04 | 112 | 239 | P | V |
| 2412MHz | | 2390 | 52.57 | -1.43 | 54 | 38.03 | 32.16 | 17.43 | 35.05 | 112 | 239 | A | V |
| | * | 2412 | 108.53 | - | - | 93.98 | 32.17 | 17.43 | 35.05 | 112 | 239 | P | V |
| | * | 2412 | 101.08 | - | - | 86.53 | 32.17 | 17.43 | 35.05 | 112 | 239 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 2389.52 | 62.26 | -11.74 | 74 | 47.71 | 32.16 | 17.43 | 35.04 | 124 | 284 | P | H |
| | | 2389.94 | 47.88 | -6.12 | 54 | 33.34 | 32.16 | 17.43 | 35.05 | 124 | 284 | A | H |
| | * | 2417 | 110.25 | - | - | 95.71 | 32.17 | 17.43 | 35.06 | 124 | 284 | P | H |
| | * | 2417 | 102.38 | - | - | 87.84 | 32.17 | 17.43 | 35.06 | 124 | 284 | A | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 02 | | 2389.52 | 65.61 | -8.39 | 74 | 51.06 | 32.16 | 17.43 | 35.04 | 140 | 241 | P | V |
| 2417MHz | | 2389.94 | 52.25 | -1.75 | 54 | 37.71 | 32.16 | 17.43 | 35.05 | 140 | 241 | A | V |
| | * | 2417 | 112 | - | - | 97.46 | 32.17 | 17.43 | 35.06 | 140 | 241 | P | V |
| | * | 2417 | 104.31 | - | - | 89.77 | 32.17 | 17.43 | 35.06 | 140 | 241 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.38 | 57.37 | -16.63 | 74 | 42.82 | 32.16 | 17.43 | 35.04 | 124 | 338 | P | H |
| | | 2389.8 | 46.51 | -7.49 | 54 | 31.97 | 32.16 | 17.43 | 35.05 | 124 | 338 | A | H |
| | * | 2437 | 112.67 | - | - | 98.06 | 32.18 | 17.49 | 35.06 | 124 | 338 | P | H |
| | * | 2437 | 104.65 | - | - | 90.04 | 32.18 | 17.49 | 35.06 | 124 | 338 | A | H |
| **802.11ac** | | 2484.67 | 55.61 | -18.39 | 74 | 40.94 | 32.19 | 17.55 | 35.07 | 124 | 338 | P | H |
| **VHT20** | | 2483.5 | 46.75 | -7.25 | 54 | 32.08 | 32.19 | 17.55 | 35.07 | 124 | 338 | A | H |
| **CH 06** | | 2389.66 | 60.5 | -13.5 | 74 | 45.95 | 32.16 | 17.43 | 35.04 | 131 | 239 | P | V |
| **2437MHz** | | 2389.94 | 49.99 | -4.01 | 54 | 35.45 | 32.16 | 17.43 | 35.05 | 131 | 239 | A | V |
| | * | 2437 | 115.41 | - | - | 100.8 | 32.18 | 17.49 | 35.06 | 131 | 239 | P | V |
| | * | 2437 | 106.25 | - | - | 91.64 | 32.18 | 17.49 | 35.06 | 131 | 239 | A | V |
| | | 2483.5 | 57.49 | -16.51 | 74 | 42.82 | 32.19 | 17.55 | 35.07 | 131 | 239 | P | V |
| | | 2483.55 | 47.46 | -6.54 | 54 | 32.79 | 32.19 | 17.55 | 35.07 | 131 | 239 | A | V |
| | * | 2458 | 111.54 | 37.54 | 74 | 96.92 | 32.19 | 17.49 | 35.06 | 105 | 276 | P | H |
| | * | 2457 | 104.16 | 50.16 | 54 | 89.54 | 32.19 | 17.49 | 35.06 | 105 | 276 | A | H |
| | | 2484.88 | 61.2 | -12.8 | 74 | 46.53 | 32.19 | 17.55 | 35.07 | 105 | 276 | P | H |
| | | 2483.5 | 51.17 | -2.83 | 54 | 36.5 | 32.19 | 17.55 | 35.07 | 105 | 276 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 10** | * | 2457 | 114.23 | 40.23 | 74 | 99.61 | 32.19 | 17.49 | 35.06 | 121 | 248 | P | V |
| **2457MHz** | * | 2457 | 106.88 | 52.88 | 54 | 92.26 | 32.19 | 17.49 | 35.06 | 121 | 248 | A | V |
| | | 2483.92 | 62.65 | -11.35 | 74 | 47.98 | 32.19 | 17.55 | 35.07 | 121 | 248 | P | V |
| | | 2483.56 | 50.39 | -3.61 | 54 | 35.72 | 32.19 | 17.55 | 35.07 | 121 | 248 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 2462 | 110.53 | - | - | 95.85 | 32.19 | 17.55 | 35.06 | 106 | 273 | P | H |
| | * | 2462 | 102.92 | - | - | 88.24 | 32.19 | 17.55 | 35.06 | 106 | 273 | A | H |
| | | 2483.72 | 63.1 | -10.9 | 74 | 48.43 | 32.19 | 17.55 | 35.07 | 106 | 273 | P | H |
| | | 2483.52 | 51.6 | -2.4 | 54 | 36.93 | 32.19 | 17.55 | 35.07 | 106 | 273 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 11** | * | 2462 | 111.66 | - | - | 96.98 | 32.19 | 17.55 | 35.06 | 100 | 243 | P | V |
| **2462MHz** | * | 2462 | 103.73 | - | - | 89.05 | 32.19 | 17.55 | 35.06 | 100 | 243 | A | V |
| | | 2483.84 | 63.42 | -10.58 | 74 | 48.75 | 32.19 | 17.55 | 35.07 | 100 | 243 | P | V |
| | | 2483.52 | 51.49 | -2.51 | 54 | 36.82 | 32.19 | 17.55 | 35.07 | 100 | 243 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4824 | 46.37 | -27.63 | 74 | 60.1 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 4824 | 48.58 | -25.42 | 74 | 62.31 | 34.63 | 10.98 | 59.34 | 100 | 0 | P | V |
| 2412MHz | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 49.48 | -24.52 | 74 | 63.04 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 49.2 | -24.8 | 74 | 57.93 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 52.24 | -21.76 | 74 | 65.8 | 34.65 | 11.03 | 59.24 | 100 | 3 | P | V |
| 2437MHz | | 4874 | 41.81 | -12.19 | 54 | 55.37 | 34.65 | 11.03 | 59.24 | 100 | 3 | A | V |
| | | 7311 | 56 | -18 | 74 | 64.73 | 35.74 | 13.66 | 58.13 | 100 | 26 | P | V |
| | | 7311 | 45.85 | -8.15 | 54 | 54.58 | 35.74 | 13.66 | 58.13 | 100 | 26 | A | V |
| | | 4924 | 46.08 | -27.92 | 74 | 59.46 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 44.23 | -29.77 | 74 | 53.01 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | | 4924 | 48.81 | -25.19 | 74 | 62.19 | 34.67 | 11.09 | 59.14 | 100 | 0 | P | V |
| 2462MHz | | 7386 | 44.71 | -29.29 | 74 | 53.49 | 35.72 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.94 | 56.38 | -17.62 | 74 | 41.84 | 32.16 | 17.43 | 35.05 | 124 | 286 | P | H |
| | | 2388.82 | 48.31 | -5.69 | 54 | 33.76 | 32.16 | 17.43 | 35.04 | 124 | 286 | A | H |
| | * | 2422 | 102.73 | - | - | 88.13 | 32.17 | 17.49 | 35.06 | 124 | 286 | P | H |
| | * | 2422 | 94.9 | - | - | 80.3 | 32.17 | 17.49 | 35.06 | 124 | 286 | A | H |
| 802.11ac | | 2495.59 | 53.52 | -20.48 | 74 | 38.85 | 32.2 | 17.55 | 35.08 | 124 | 286 | P | H |
| VHT40 | | 2487.4 | 45.01 | -8.99 | 54 | 30.34 | 32.19 | 17.55 | 35.07 | 124 | 286 | A | H |
| CH 03 | | 2388.96 | 60.93 | -13.07 | 74 | 46.38 | 32.16 | 17.43 | 35.04 | 141 | 241 | P | V |
| 2422MHz | | 2388.96 | 52.37 | -1.63 | 54 | 37.82 | 32.16 | 17.43 | 35.04 | 141 | 241 | A | V |
| | * | 2422 | 103.96 | - | - | 89.36 | 32.17 | 17.49 | 35.06 | 141 | 241 | P | V |
| | * | 2422 | 96.23 | - | - | 81.63 | 32.17 | 17.49 | 35.06 | 141 | 241 | A | V |
| | | 2497.2 | 53.94 | -20.06 | 74 | 39.27 | 32.2 | 17.55 | 35.08 | 141 | 241 | P | V |
| | | 2489.92 | 44.97 | -9.03 | 54 | 30.29 | 32.2 | 17.55 | 35.07 | 141 | 241 | A | V |
| | | 2389.52 | 57.63 | -16.37 | 74 | 43.08 | 32.16 | 17.43 | 35.04 | 100 | 273 | P | H |
| | | 2389.8 | 49.44 | -4.56 | 54 | 34.9 | 32.16 | 17.43 | 35.05 | 100 | 273 | A | H |
| | * | 2427 | 103.71 | - | - | 89.11 | 32.17 | 17.49 | 35.06 | 100 | 273 | P | H |
| | * | 2427 | 95.48 | - | - | 80.88 | 32.17 | 17.49 | 35.06 | 100 | 273 | A | H |
| 802.11ac | | 2490.83 | 54.19 | -19.81 | 74 | 39.51 | 32.2 | 17.55 | 35.07 | 100 | 273 | P | H |
| VHT40 | | 2490.41 | 45.47 | -8.53 | 54 | 30.79 | 32.2 | 17.55 | 35.07 | 100 | 273 | A | H |
| CH 04 | | 2388.54 | 60.86 | -13.14 | 74 | 46.31 | 32.16 | 17.43 | 35.04 | 100 | 232 | P | V |
| 2427MHz | | 2389.94 | 52.16 | -1.84 | 54 | 37.62 | 32.16 | 17.43 | 35.05 | 100 | 232 | A | V |
| | * | 2427 | 104.04 | - | - | 89.44 | 32.17 | 17.49 | 35.06 | 100 | 232 | P | V |
| | * | 2427 | 96.56 | - | - | 81.96 | 32.17 | 17.49 | 35.06 | 100 | 232 | A | V |
| | | 2484.18 | 55.39 | -18.61 | 74 | 40.72 | 32.19 | 17.55 | 35.07 | 100 | 232 | P | V |
| | | 2487.19 | 45.34 | -8.66 | 54 | 30.67 | 32.19 | 17.55 | 35.07 | 100 | 232 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2389.66 | 57.72 | -16.28 | 74 | 43.17 | 32.16 | 17.43 | 35.04 | 299 | 128 | P | H |
| | | 2389.66 | 48.64 | -5.36 | 54 | 34.09 | 32.16 | 17.43 | 35.04 | 299 | 128 | A | H |
| | * | 2437 | 106.47 | - | - | 91.86 | 32.18 | 17.49 | 35.06 | 299 | 128 | P | H |
| | * | 2437 | 98.56 | - | - | 83.95 | 32.18 | 17.49 | 35.06 | 299 | 128 | A | H |
| **802.11ac** | | 2484.25 | 56.29 | -17.71 | 74 | 41.62 | 32.19 | 17.55 | 35.07 | 299 | 128 | P | H |
| **VHT40** | | 2483.62 | 48.26 | -5.74 | 54 | 33.59 | 32.19 | 17.55 | 35.07 | 299 | 128 | A | H |
| **CH 06** | | 2389.8 | 61.92 | -12.08 | 74 | 47.38 | 32.16 | 17.43 | 35.05 | 134 | 159 | P | V |
| **2437MHz** | | 2389.8 | 51.73 | -2.27 | 54 | 37.19 | 32.16 | 17.43 | 35.05 | 134 | 159 | A | V |
| | * | 2437 | 107.89 | - | - | 93.28 | 32.18 | 17.49 | 35.06 | 134 | 159 | P | V |
| | * | 2437 | 99.62 | - | - | 85.01 | 32.18 | 17.49 | 35.06 | 134 | 159 | A | V |
| | | 2483.62 | 58.3 | -15.7 | 74 | 43.63 | 32.19 | 17.55 | 35.07 | 134 | 159 | P | V |
| | | 2483.55 | 49.58 | -4.42 | 54 | 34.91 | 32.19 | 17.55 | 35.07 | 134 | 159 | A | V |
| | | 2378.88 | 54.49 | -19.51 | 74 | 40.01 | 32.15 | 17.37 | 35.04 | 263 | 128 | P | H |
| | | 2387.98 | 45.64 | -8.36 | 54 | 31.09 | 32.16 | 17.43 | 35.04 | 263 | 128 | A | H |
| | * | 2447 | 105.92 | - | - | 91.31 | 32.18 | 17.49 | 35.06 | 263 | 128 | P | H |
| | * | 2447 | 97.95 | - | - | 83.34 | 32.18 | 17.49 | 35.06 | 263 | 128 | A | H |
| **802.11ac** | | 2485.93 | 56.95 | -17.05 | 74 | 42.28 | 32.19 | 17.55 | 35.07 | 263 | 128 | P | H |
| **VHT40** | | 2484.74 | 47.63 | -6.37 | 54 | 32.96 | 32.19 | 17.55 | 35.07 | 263 | 128 | A | H |
| **CH 08** | | 2389.66 | 57.98 | -16.02 | 74 | 43.43 | 32.16 | 17.43 | 35.04 | 100 | 249 | P | V |
| **2447MHz** | | 2389.8 | 46.18 | -7.82 | 54 | 31.64 | 32.16 | 17.43 | 35.05 | 100 | 249 | A | V |
| | * | 2447 | 107.46 | - | - | 92.85 | 32.18 | 17.49 | 35.06 | 100 | 249 | P | V |
| | * | 2447 | 99.87 | - | - | 85.26 | 32.18 | 17.49 | 35.06 | 100 | 249 | A | V |
| | | 2483.76 | 60.22 | -13.78 | 74 | 45.55 | 32.19 | 17.55 | 35.07 | 100 | 249 | P | V |
| | | 2484.46 | 51.62 | -2.38 | 54 | 36.95 | 32.19 | 17.55 | 35.07 | 100 | 249 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2338.98 | 54.29 | -19.71 | 74 | 39.87 | 32.14 | 17.31 | 35.03 | 298 | 111 | P | H |
| | | 2384.2 | 45.52 | -8.48 | 54 | 30.98 | 32.15 | 17.43 | 35.04 | 298 | 111 | A | H |
| | * | 2452 | 105.29 | - | - | 90.68 | 32.18 | 17.49 | 35.06 | 298 | 111 | P | H |
| | * | 2452 | 96.68 | - | - | 82.07 | 32.18 | 17.49 | 35.06 | 298 | 111 | A | H |
| **802.11ac** | | 2485.51 | 57.54 | -16.46 | 74 | 42.87 | 32.19 | 17.55 | 35.07 | 298 | 111 | P | H |
| **VHT40** | | 2483.69 | 48.01 | -5.99 | 54 | 33.34 | 32.19 | 17.55 | 35.07 | 298 | 111 | A | H |
| **CH 09** | | 2386.44 | 56.05 | -17.95 | 74 | 41.5 | 32.16 | 17.43 | 35.04 | 100 | 249 | P | V |
| **2452MHz** | | 2388.12 | 46.46 | -7.54 | 54 | 31.91 | 32.16 | 17.43 | 35.04 | 100 | 249 | A | V |
| | * | 2452 | 107.58 | - | - | 92.97 | 32.18 | 17.49 | 35.06 | 100 | 249 | P | V |
| | * | 2452 | 99.35 | - | - | 84.74 | 32.18 | 17.49 | 35.06 | 100 | 249 | A | V |
| | | 2484.74 | 60.69 | -13.31 | 74 | 46.02 | 32.19 | 17.55 | 35.07 | 100 | 249 | P | V |
| | | 2484.32 | 52.33 | -1.67 | 54 | 37.66 | 32.19 | 17.55 | 35.07 | 100 | 249 | A | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 43.14 | -30.86 | 74 | 56.83 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 43.9 | -30.1 | 74 | 52.63 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 44.07 | -29.93 | 74 | 57.76 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 43.83 | -30.17 | 74 | 52.56 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 44.77 | -29.23 | 74 | 58.33 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 42.95 | -31.05 | 74 | 51.68 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 44.9 | -29.1 | 74 | 58.46 | 34.65 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 43.23 | -30.77 | 74 | 51.96 | 35.74 | 13.66 | 58.13 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4904 | 43.34 | -30.66 | 74 | 56.75 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | H |
| | | 7356 | 42.82 | -31.18 | 74 | 51.59 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 09 | | 4904 | 44.79 | -29.21 | 74 | 58.2 | 34.67 | 11.09 | 59.17 | 100 | 0 | P | V |
| 2452MHz | | 7356 | 44.59 | -29.41 | 74 | 53.36 | 35.73 | 13.71 | 58.21 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11ac VHT20 (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 103.98 | 25.91 | -17.59 | 43.5 | 39.05 | 16.39 | 2.03 | 31.56 | - | - | P | H |
| | | 135.03 | 35.05 | -8.45 | 43.5 | 47.16 | 17.4 | 2.01 | 31.52 | 100 | 0 | P | H |
| | | 290.55 | 27.54 | -18.46 | 46 | 37.02 | 18.97 | 2.86 | 31.31 | - | - | P | H |
| | | 391 | 26.05 | -19.95 | 46 | 32.59 | 21.34 | 3.27 | 31.15 | - | - | P | H |
| | | 865.6 | 31.08 | -14.92 | 46 | 27.74 | 29 | 4.88 | 30.54 | - | - | P | H |
| | | 959.4 | 32.4 | -13.6 | 46 | 27.01 | 30.85 | 5.05 | 30.51 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 2.4GHz | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | 30 | 31.29 | -8.71 | 40 | 36.71 | 24.6 | 1.33 | 31.35 | 100 | 0 | P | V |
| LF | | 101.28 | 33.69 | -9.81 | 43.5 | 47.25 | 15.96 | 2.04 | 31.56 | - | - | P | V |
| | | 289.74 | 29.63 | -16.37 | 46 | 39.13 | 18.95 | 2.86 | 31.31 | - | - | P | V |
| | | 357.4 | 25.4 | -20.6 | 46 | 32.97 | 20.58 | 3.05 | 31.2 | - | - | P | V |
| | | 848.8 | 30.02 | -15.98 | 46 | 27.11 | 28.73 | 4.74 | 30.56 | - | - | P | V |
| | | 962.2 | 32.18 | -21.82 | 54 | 26.74 | 30.89 | 5.06 | 30.51 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**<For Earphone 2>**

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1+2 | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | ( dBµV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11ac VHT40 CH 03 2422MHz | | 2388.12 | 59.22 | -14.78 | 74 | 44.83 | 32 | 17.43 | 35.04 | 100 | 284 | P | H |
| | | 2389.24 | 51.22 | -2.78 | 54 | 36.83 | 32 | 17.43 | 35.04 | 100 | 284 | A | H |
| | * | 2422 | 104.55 | - | - | 89.99 | 32.13 | 17.49 | 35.06 | 100 | 284 | P | H |
| | * | 2422 | 97.48 | - | - | 82.92 | 32.13 | 17.49 | 35.06 | 100 | 284 | A | H |
| | | 2485.23 | 57.81 | -16.19 | 74 | 43.06 | 32.27 | 17.55 | 35.07 | 100 | 284 | P | H |
| | | 2487.75 | 46.28 | -7.72 | 54 | 31.5 | 32.3 | 17.55 | 35.07 | 100 | 284 | A | H |
| | | 2389.1 | 60.41 | -13.59 | 74 | 46.02 | 32 | 17.43 | 35.04 | 108 | 235 | P | V |
| | | 2388.82 | 52.33 | -1.67 | 54 | 37.94 | 32 | 17.43 | 35.04 | 108 | 235 | A | V |
| | * | 2422 | 105.74 | - | - | 91.18 | 32.13 | 17.49 | 35.06 | 108 | 235 | P | V |
| | * | 2422 | 97.54 | - | - | 82.98 | 32.13 | 17.49 | 35.06 | 108 | 235 | A | V |
| | | 2484.81 | 55.29 | -18.71 | 74 | 40.54 | 32.27 | 17.55 | 35.07 | 108 | 235 | P | V |
| | | 2484.74 | 46.18 | -7.82 | 54 | 31.43 | 32.27 | 17.55 | 35.07 | 108 | 235 | A | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 42.69 | -31.31 | 74 | 56.38 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 44.46 | -29.54 | 74 | 53.19 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 43.25 | -30.75 | 74 | 56.94 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 44.24 | -29.76 | 74 | 52.97 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11ac VHT40 (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 103.98 | 25.86 | -17.64 | 43.5 | 39 | 16.39 | 2.03 | 31.56 | - | - | P | H |
| | | 139.35 | 34.74 | -8.76 | 43.5 | 46.82 | 17.43 | 2.01 | 31.52 | 100 | 0 | P | H |
| | | 292.71 | 27.96 | -18.04 | 46 | 37.4 | 19.01 | 2.86 | 31.31 | - | - | P | H |
| | | 303.5 | 25.66 | -20.34 | 46 | 34.78 | 19.21 | 2.96 | 31.29 | - | - | P | H |
| | | 770.4 | 30.44 | -15.56 | 46 | 28.69 | 27.91 | 4.46 | 30.62 | - | - | P | H |
| | | 952.4 | 32.23 | -13.77 | 46 | 27.2 | 30.49 | 5.05 | 30.51 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 2.4GHz | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | 30.27 | 30.63 | -9.37 | 40 | 36.05 | 24.6 | 1.33 | 31.35 | 100 | 0 | P | V |
| LF | | 95.88 | 33.87 | -9.63 | 43.5 | 48.36 | 15.33 | 1.74 | 31.56 | - | - | P | V |
| | | 140.97 | 30.44 | -13.06 | 43.5 | 42.32 | 17.4 | 2.24 | 31.52 | - | - | P | V |
| | | 363.7 | 25.25 | -20.75 | 46 | 32.68 | 20.7 | 3.06 | 31.19 | - | - | P | V |
| | | 757.1 | 29.99 | -16.01 | 46 | 28.34 | 27.82 | 4.46 | 30.63 | - | - | P | V |
| | | 952.4 | 33.75 | -12.25 | 46 | 28.72 | 30.49 | 5.05 | 30.51 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**<For Notebook Mode>**

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1+2 | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | ( dBµV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11ac VHT40 CH 03 2422MHz | | 2387.7 | 59.52 | -14.48 | 74 | 45.13 | 32 | 17.43 | 35.04 | 100 | 284 | P | H |
| | | 2389.1 | 51.2 | -2.8 | 54 | 36.81 | 32 | 17.43 | 35.04 | 100 | 284 | A | H |
| | * | 2422 | 104.57 | - | - | 90.01 | 32.13 | 17.49 | 35.06 | 100 | 284 | P | H |
| | * | 2422 | 97.3 | - | - | 82.74 | 32.13 | 17.49 | 35.06 | 100 | 284 | A | H |
| | | 2485.02 | 56.46 | -17.54 | 74 | 41.71 | 32.27 | 17.55 | 35.07 | 100 | 284 | P | H |
| | | 2486.35 | 46.31 | -7.69 | 54 | 31.56 | 32.27 | 17.55 | 35.07 | 100 | 284 | A | H |
| | | 2388.12 | 60.45 | -13.55 | 74 | 46.06 | 32 | 17.43 | 35.04 | 108 | 235 | P | V |
| | | 2388.96 | 52.3 | -1.7 | 54 | 37.91 | 32 | 17.43 | 35.04 | 108 | 235 | P | V |
| | * | 2422 | 105.07 | - | - | 90.51 | 32.13 | 17.49 | 35.06 | 108 | 235 | P | V |
| | * | 2422 | 97.74 | - | - | 83.18 | 32.13 | 17.49 | 35.06 | 108 | 235 | A | V |
| | | 2483.62 | 55.99 | -18.01 | 74 | 41.24 | 32.27 | 17.55 | 35.07 | 108 | 235 | P | V |
| | | 2484.32 | 46.05 | -7.95 | 54 | 31.3 | 32.27 | 17.55 | 35.07 | 108 | 235 | A | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 41.87 | -32.13 | 74 | 55.56 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 44.37 | -29.63 | 74 | 53.1 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 41.76 | -32.24 | 74 | 55.45 | 34.64 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 43.99 | -30.01 | 74 | 52.72 | 35.74 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11ac VHT40 (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 103.98 | 25.26 | -18.24 | 43.5 | 38.4 | 16.39 | 2.03 | 31.56 | - | - | P | H |
| | | 135.57 | 35.27 | -8.23 | 43.5 | 47.37 | 17.41 | 2.01 | 31.52 | 100 | 0 | P | H |
| | | 288.12 | 27.84 | -18.16 | 46 | 37.39 | 18.91 | 2.86 | 31.32 | - | - | P | H |
| | | 390.3 | 27.72 | -18.28 | 46 | 34.29 | 21.31 | 3.27 | 31.15 | - | - | P | H |
| | | 748 | 28.87 | -17.13 | 46 | 27.31 | 27.74 | 4.46 | 30.64 | - | - | P | H |
| | | 977.6 | 33.23 | -20.77 | 54 | 27.85 | 30.83 | 5.06 | 30.51 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 2.4GHz | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | 30 | 30.87 | -9.13 | 40 | 36.29 | 24.6 | 1.33 | 31.35 | 100 | 0 | P | V |
| LF | | 102.09 | 33.78 | -9.72 | 43.5 | 47.2 | 16.1 | 2.04 | 31.56 | - | - | P | V |
| | | 191.46 | 25.2 | -18.3 | 43.5 | 39.51 | 14.77 | 2.38 | 31.46 | - | - | P | V |
| | | 558.3 | 26.06 | -19.94 | 46 | 27.34 | 25.8 | 3.81 | 30.89 | - | - | P | V |
| | | 849.5 | 31.5 | -14.5 | 46 | 28.56 | 28.76 | 4.74 | 30.56 | - | - | P | V |
| | | 965 | 32.17 | -21.83 | 54 | 26.74 | 30.88 | 5.06 | 30.51 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**<TXBF Mode>**

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Band Edge @ 3m)**

| WIFI Ant. | Note | Frequency | Level | Over Limit | Limit Line | Read Level | Antenna Factor | Path Loss | Preamp Factor | Ant Pos | Table Pos | Peak Avg. | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1+2 | | ( MHz ) | ( dBµV/m ) | ( dB ) | ( dBµV/m ) | ( dBµV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 2389.695 | 62.68 | -11.32 | 74 | 48.13 | 32.16 | 17.43 | 35.04 | 308 | 111 | P | H |
| | | 2389.905 | 52.96 | -1.04 | 54 | 38.42 | 32.16 | 17.43 | 35.05 | 308 | 111 | A | H |
| | * | 2412 | 107.78 | - | - | 93.23 | 32.17 | 17.43 | 35.05 | 308 | 111 | P | H |
| | * | 2412 | 99.3 | - | - | 84.75 | 32.17 | 17.43 | 35.05 | 308 | 111 | A | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 2390 | 62.25 | -11.75 | 74 | 47.71 | 32.16 | 17.43 | 35.05 | 109 | 241 | P | V |
| 2412MHz | | 2390 | 52.94 | -1.06 | 54 | 38.4 | 32.16 | 17.43 | 35.05 | 109 | 241 | A | V |
| | * | 2412 | 107.76 | - | - | 93.21 | 32.17 | 17.43 | 35.05 | 109 | 241 | P | V |
| | * | 2412 | 100.06 | - | - | 85.51 | 32.17 | 17.43 | 35.05 | 109 | 241 | A | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 2388.82 | 60.57 | -13.43 | 74 | 46.02 | 32.16 | 17.43 | 35.04 | 304 | 131 | P | H |
| | | 2389.94 | 50.04 | -3.96 | 54 | 35.5 | 32.16 | 17.43 | 35.05 | 304 | 131 | A | H |
| | * | 2437 | 110.8 | - | - | 96.19 | 32.18 | 17.49 | 35.06 | 304 | 131 | P | H |
| | * | 2437 | 102.83 | - | - | 88.22 | 32.18 | 17.49 | 35.06 | 304 | 131 | A | H |
| 802.11ac | | 2485.16 | 55.07 | -18.93 | 74 | 40.4 | 32.19 | 17.55 | 35.07 | 304 | 131 | P | H |
| VHT20 | | 2483.55 | 46.67 | -7.33 | 54 | 32 | 32.19 | 17.55 | 35.07 | 304 | 131 | A | H |
| CH 06 | | 2389.94 | 61.66 | -12.34 | 74 | 47.12 | 32.16 | 17.43 | 35.05 | 112 | 241 | P | V |
| 2437MHz | | 2389.8 | 52.49 | -1.51 | 54 | 37.95 | 32.16 | 17.43 | 35.05 | 112 | 241 | A | V |
| | * | 2437 | 112.45 | - | - | 97.84 | 32.18 | 17.49 | 35.06 | 112 | 241 | P | V |
| | * | 2437 | 104.3 | - | - | 89.69 | 32.18 | 17.49 | 35.06 | 112 | 241 | A | V |
| | | 2484.74 | 58.43 | -15.57 | 74 | 43.76 | 32.19 | 17.55 | 35.07 | 112 | 241 | P | V |
| | | 2484.04 | 47.96 | -6.04 | 54 | 33.29 | 32.19 | 17.55 | 35.07 | 112 | 241 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | * | 2462 | 109.22 | - | - | 94.54 | 32.19 | 17.55 | 35.06 | 300 | 128 | P | H |
| | * | 2462 | 100.55 | - | - | 85.87 | 32.19 | 17.55 | 35.06 | 300 | 128 | A | H |
| | | 2483.92 | 61.98 | -12.02 | 74 | 47.31 | 32.19 | 17.55 | 35.07 | 300 | 128 | P | H |
| | | 2483.56 | 49.83 | -4.17 | 54 | 35.16 | 32.19 | 17.55 | 35.07 | 300 | 128 | A | H |
| **802.11ac** | | | | | | | | | | | | | H |
| **VHT20** | | | | | | | | | | | | | H |
| **CH 11** | * | 2462 | 110.6 | - | - | 95.92 | 32.19 | 17.55 | 35.06 | 107 | 246 | P | V |
| **2462MHz** | * | 2462 | 102.77 | - | - | 88.09 | 32.19 | 17.55 | 35.06 | 107 | 246 | A | V |
| | | 2484.24 | 63.76 | -10.24 | 74 | 49.09 | 32.19 | 17.55 | 35.07 | 107 | 246 | P | V |
| | | 2483.52 | 51.99 | -2.01 | 54 | 37.32 | 32.19 | 17.55 | 35.07 | 107 | 246 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT20 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4824 | 49.67 | -24.33 | 74 | 64.08 | 33.95 | 10.98 | 59.34 | 100 | 0 | P | H |
| | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 01 | | 4824 | 49.56 | -24.44 | 74 | 63.97 | 33.95 | 10.98 | 59.34 | 100 | 0 | P | V |
| 2412MHz | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 45.91 | -28.09 | 74 | 60.12 | 34 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 45.48 | -28.52 | 74 | 54.25 | 35.7 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 49.41 | -24.59 | 74 | 63.62 | 34 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 46.9 | -27.1 | 74 | 55.67 | 35.7 | 13.66 | 58.13 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4924 | 46.34 | -27.66 | 74 | 60.32 | 34.07 | 11.09 | 59.14 | 100 | 0 | P | H |
| | | 7386 | 48.9 | -25.1 | 74 | 57.6 | 35.8 | 13.76 | 58.26 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | | | | | | | | | | | | H |
| CH 11 | | 4924 | 49.12 | -24.88 | 74 | 63.1 | 34.07 | 11.09 | 59.14 | 100 | 0 | P | V |
| 2462MHz | | 7386 | 49.27 | -24.73 | 74 | 57.97 | 35.8 | 13.76 | 58.26 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against Peak and Average limit line.

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Band Edge @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2386.72 | 62.59 | -11.41 | 74 | 48.04 | 32.16 | 17.43 | 35.04 | 271 | 134 | P | H |
| | | 2389.1 | 52.43 | -1.57 | 54 | 37.88 | 32.16 | 17.43 | 35.04 | 271 | 134 | A | H |
| | * | 2422 | 104.55 | - | - | 89.95 | 32.17 | 17.49 | 35.06 | 271 | 134 | P | H |
| | * | 2422 | 96.11 | - | - | 81.51 | 32.17 | 17.49 | 35.06 | 271 | 134 | A | H |
| 802.11ac | | 2497.2 | 53.91 | -20.09 | 74 | 39.24 | 32.2 | 17.55 | 35.08 | 271 | 134 | P | H |
| VHT40 | | 2484.6 | 44.87 | -9.13 | 54 | 30.2 | 32.19 | 17.55 | 35.07 | 271 | 134 | A | H |
| CH 03 | | 2389.1 | 60.31 | -13.69 | 74 | 45.76 | 32.16 | 17.43 | 35.04 | 110 | 218 | P | V |
| 2422MHz | | 2389.66 | 50.99 | -3.01 | 54 | 36.44 | 32.16 | 17.43 | 35.04 | 110 | 218 | A | V |
| | * | 2422 | 104.53 | - | - | 89.93 | 32.17 | 17.49 | 35.06 | 110 | 218 | P | V |
| | * | 2422 | 96.14 | - | - | 81.54 | 32.17 | 17.49 | 35.06 | 110 | 218 | A | V |
| | | 2484.74 | 54.81 | -19.19 | 74 | 40.14 | 32.19 | 17.55 | 35.07 | 110 | 218 | P | V |
| | | 2484.18 | 44.92 | -9.08 | 54 | 30.25 | 32.19 | 17.55 | 35.07 | 110 | 218 | A | V |
| | | 2389.24 | 58.81 | -15.19 | 74 | 44.26 | 32.16 | 17.43 | 35.04 | 304 | 134 | P | H |
| | | 2389.94 | 49.69 | -4.31 | 54 | 35.15 | 32.16 | 17.43 | 35.05 | 304 | 134 | A | H |
| | * | 2437 | 106.37 | - | - | 91.76 | 32.18 | 17.49 | 35.06 | 304 | 134 | P | H |
| | * | 2437 | 97.07 | - | - | 82.46 | 32.18 | 17.49 | 35.06 | 304 | 134 | A | H |
| 802.11ac | | 2483.9 | 56.52 | -17.48 | 74 | 41.85 | 32.19 | 17.55 | 35.07 | 304 | 134 | P | H |
| VHT40 | | 2483.97 | 46.73 | -7.27 | 54 | 32.06 | 32.19 | 17.55 | 35.07 | 304 | 134 | A | H |
| CH 06 | | 2389.94 | 62.8 | -11.2 | 74 | 48.26 | 32.16 | 17.43 | 35.05 | 113 | 242 | P | V |
| 2437MHz | | 2389.94 | 52.6 | -1.4 | 54 | 38.06 | 32.16 | 17.43 | 35.05 | 113 | 242 | A | V |
| | * | 2437 | 107.03 | - | - | 92.42 | 32.18 | 17.49 | 35.06 | 113 | 242 | P | V |
| | * | 2437 | 99.38 | - | - | 84.77 | 32.18 | 17.49 | 35.06 | 113 | 242 | A | V |
| | | 2484.04 | 57.35 | -16.65 | 74 | 42.68 | 32.19 | 17.55 | 35.07 | 113 | 242 | P | V |
| | | 2483.5 | 47.92 | -6.08 | 54 | 33.25 | 32.19 | 17.55 | 35.07 | 113 | 242 | A | V |

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2386.02 | 55.64 | -18.36 | 74 | 41.09 | 32.16 | 17.43 | 35.04 | 301 | 132 | P | H |
| | | 2389.8 | 45.05 | -8.95 | 54 | 30.51 | 32.16 | 17.43 | 35.05 | 301 | 132 | A | H |
| | * | 2452 | 104.08 | - | - | 89.47 | 32.18 | 17.49 | 35.06 | 301 | 132 | P | H |
| | * | 2454 | 95.23 | - | - | 80.61 | 32.19 | 17.49 | 35.06 | 301 | 132 | A | H |
| **802.11ac** | | 2485.72 | 61.37 | -12.63 | 74 | 46.7 | 32.19 | 17.55 | 35.07 | 301 | 132 | P | H |
| **VHT40** | | 2483.69 | 48.77 | -5.23 | 54 | 34.1 | 32.19 | 17.55 | 35.07 | 301 | 132 | A | H |
| **CH 09** | | 2389.66 | 56.86 | -17.14 | 74 | 42.31 | 32.16 | 17.43 | 35.04 | 103 | 238 | P | V |
| **2452MHz** | | 2389.94 | 46.48 | -7.52 | 54 | 31.94 | 32.16 | 17.43 | 35.05 | 103 | 238 | A | V |
| | * | 2452 | 105.12 | - | - | 90.51 | 32.18 | 17.49 | 35.06 | 103 | 238 | P | V |
| | * | 2452 | 97 | - | - | 82.39 | 32.18 | 17.49 | 35.06 | 103 | 238 | A | V |
| | | 2485.51 | 64.3 | -9.7 | 74 | 49.63 | 32.19 | 17.55 | 35.07 | 103 | 238 | P | V |
| | | 2485.02 | 52.77 | -1.23 | 54 | 38.1 | 32.19 | 17.55 | 35.07 | 103 | 238 | A | V |

| | |
|---|---|
| **Remark** | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. |

**2.4GHz 2400~2483.5MHz**

**WIFI 802.11ac VHT40 (Harmonic @ 3m)**

| WIFI Ant. 1+2 | Note | Frequency ( MHz ) | Level ( dBμV/m ) | Over Limit ( dB ) | Limit Line ( dBμV/m ) | Read Level ( dBμV ) | Antenna Factor ( dB/m ) | Path Loss ( dB ) | Preamp Factor ( dB ) | Ant Pos ( cm ) | Table Pos ( deg ) | Peak Avg. (P/A) | Pol. (H/V) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 4844 | 46.59 | -27.41 | 74 | 60.92 | 34 | 10.98 | 59.31 | 100 | 0 | P | H |
| | | 7266 | 42.79 | -31.21 | 74 | 51.56 | 35.7 | 13.62 | 58.09 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 03 | | 4844 | 45.53 | -28.47 | 74 | 59.86 | 34 | 10.98 | 59.31 | 100 | 0 | P | V |
| 2422MHz | | 7266 | 42.95 | -31.05 | 74 | 51.72 | 35.7 | 13.62 | 58.09 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4874 | 46.25 | -27.75 | 74 | 60.46 | 34 | 11.03 | 59.24 | 100 | 0 | P | H |
| | | 7311 | 45.32 | -28.68 | 74 | 54.09 | 35.7 | 13.66 | 58.13 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 06 | | 4874 | 46.19 | -27.81 | 74 | 60.4 | 34 | 11.03 | 59.24 | 100 | 0 | P | V |
| 2437MHz | | 7311 | 44.85 | -29.15 | 74 | 53.62 | 35.7 | 13.66 | 58.13 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | 4904 | 46.25 | -27.75 | 74 | 60.3 | 34.03 | 11.09 | 59.17 | 100 | 0 | P | H |
| | | 7356 | 45.73 | -28.27 | 74 | 54.53 | 35.7 | 13.71 | 58.21 | 100 | 0 | P | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT40 | | | | | | | | | | | | | H |
| CH 09 | | 4904 | 46.16 | -27.84 | 74 | 60.21 | 34.03 | 11.09 | 59.17 | 100 | 0 | P | V |
| 2452MHz | | 7356 | 45.26 | -28.74 | 74 | 54.06 | 35.7 | 13.71 | 58.21 | 100 | 0 | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| Remark | 1. No other spurious found.<br>2. All results are PASS against Peak and Average limit line. | | | | | | | | | | | | |

**Emission below 1GHz**

**2.4GHz WIFI 802.11ac VHT20 (LF)**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | (dBμV) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| | | 112.89 | 26.54 | -16.96 | 43.5 | 39.01 | 17.06 | 1.83 | 31.55 | - | - | P | H |
| | | 139.89 | 34.78 | -8.72 | 43.5 | 46.86 | 17.43 | 1.83 | 31.52 | 100 | 0 | P | H |
| | | 292.98 | 28.43 | -17.57 | 46 | 37.87 | 19.01 | 2.66 | 31.31 | - | - | P | H |
| | | 640.2 | 26.56 | -19.44 | 46 | 26.96 | 26.23 | 3.89 | 30.77 | - | - | P | H |
| | | 869.1 | 30.94 | -15.06 | 46 | 27.63 | 28.97 | 4.58 | 30.54 | - | - | P | H |
| | | 969.9 | 32.37 | -21.63 | 54 | 26.96 | 30.86 | 4.71 | 30.51 | - | - | P | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| | | | | | | | | | | | | | H |
| 2.4GHz | | | | | | | | | | | | | H |
| 802.11ac | | | | | | | | | | | | | H |
| VHT20 | | 30 | 31.36 | -8.64 | 40 | 36.78 | 24.6 | 1.2 | 31.35 | 100 | 0 | P | V |
| LF | | 102.09 | 33.74 | -9.76 | 43.5 | 47.16 | 16.1 | 1.83 | 31.56 | - | - | P | V |
| | | 194.43 | 24.32 | -19.18 | 43.5 | 38.57 | 14.83 | 2.18 | 31.46 | - | - | P | V |
| | | 390.3 | 26.16 | -19.84 | 46 | 32.73 | 21.31 | 3.05 | 31.15 | - | - | P | V |
| | | 556.9 | 26.47 | -19.53 | 46 | 27.95 | 25.61 | 3.57 | 30.9 | - | - | P | V |
| | | 969.9 | 32.32 | -21.68 | 54 | 26.91 | 30.86 | 4.71 | 30.51 | - | - | P | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |
| | | | | | | | | | | | | | V |

**Remark**

1. No other spurious found.
2. All results are PASS against limit line.

**Note symbol**

| | |
|---|---|
| * | **Fundamental Frequency** which can be ignored. However, the level of any unwanted emissions shall not exceed the level of the fundamental frequency. |
| ! | Test result is **over limit** line. |
| P/A | **P**eak or **A**verage |
| H/V | **H**orizontal or **V**ertical |

**A calculation example for radiated spurious emission is shown as below:**

| WIFI | Note | Frequency | Level | Over | Limit | Read | Antenna | Path | Preamp | Ant | Table | Peak | Pol. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ant. | | | | Limit | Line | Level | Factor | Loss | Factor | Pos | Pos | Avg. | |
| 1+2 | | ( MHz ) | ( dBμV/m ) | ( dB ) | ( dBμV/m ) | ( dBμV ) | ( dB/m ) | ( dB ) | ( dB ) | ( cm ) | ( deg ) | (P/A) | (H/V) |
| 802.11b CH 01 2412MHz | | 2390 | 55.45 | -18.55 | 74 | 54.51 | 32.22 | 4.58 | 35.86 | 103 | 308 | P | H |
| | | 2390 | 43.54 | -10.46 | 54 | 42.6 | 32.22 | 4.58 | 35.86 | 103 | 308 | A | H |

1. Path Loss(dB) = Cable loss(dB) + Filter loss(dB) + Attenuator loss(dB)
2. Level(dBμV/m) =

Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

3. Over Limit(dB) = Level(dBμV/m) – Limit Line(dBμV/m)

**For Peak Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 54.51(dBμV) – 35.86 (dB)

= 55.45 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 55.45(dBμV/m) – 74(dBμV/m)

= -18.55(dB)

**For Average Limit @ 2390MHz:**

1. Level(dBμV/m)

= Antenna Factor(dB/m) + Path Loss(dB) + Read Level(dBμV) - Preamp Factor(dB)

= 32.22(dB/m) + 4.58(dB) + 42.6(dBμV) – 35.86 (dB)

= 43.54 (dBμV/m)

2. Over Limit(dB)

= Level(dBμV/m) – Limit Line(dBμV/m)

= 43.54(dBμV/m) – 54(dBμV/m)

= -10.46(dB)

**Both peak and average measured complies with the limit line, so test result is “PASS”.**

# Appendix C. Radiated Spurious Emission Plots

| | | | |
|---|---|---|---|
| **Test Engineer :** | Jesse Wang, Stan Hsieh, and Nick Yu | **Temperature :** | 24~26°C |
| | | **Relative Humidity :** | 51~53% |

**Note symbol**

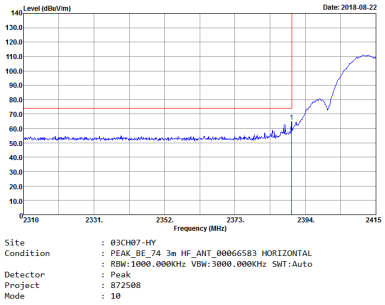
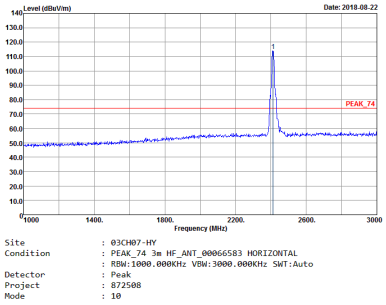
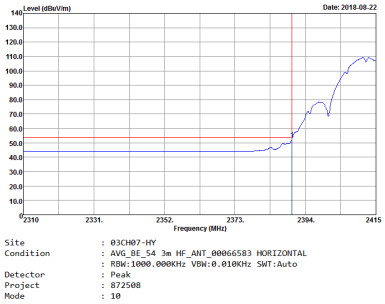
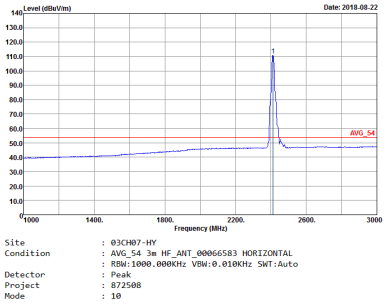
| | |
|---|---|
| -L | **Low channel location** |
| -R | **High channel location** |

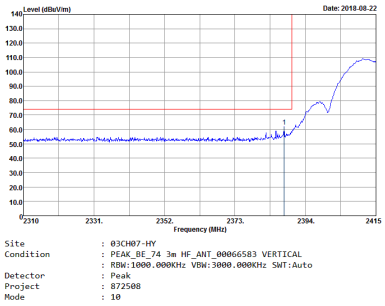
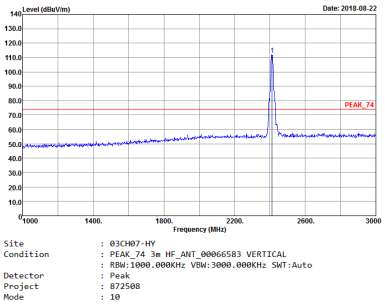
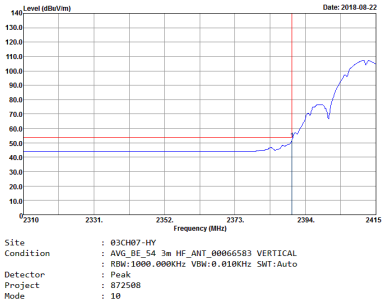
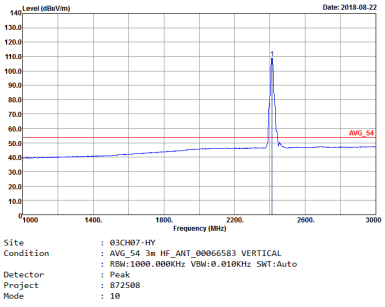
**<CDD Mode>**

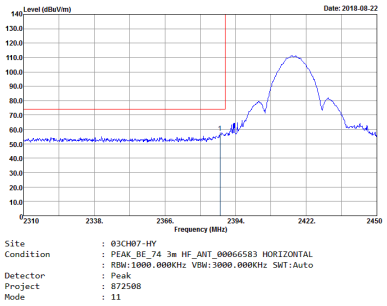
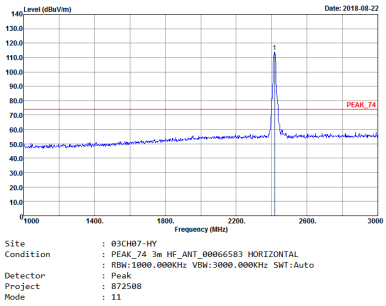
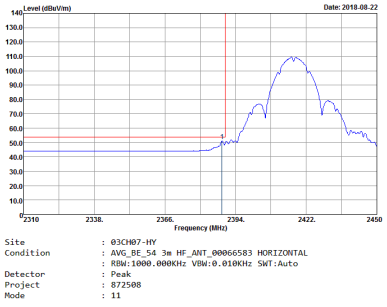
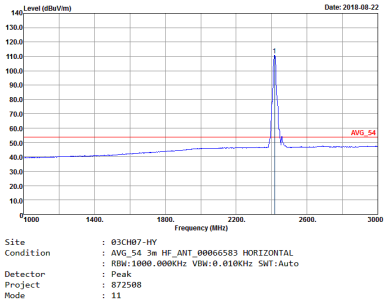
**<For Earphone 1>**

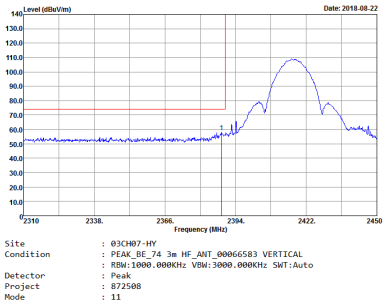
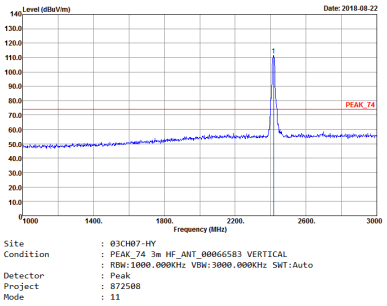
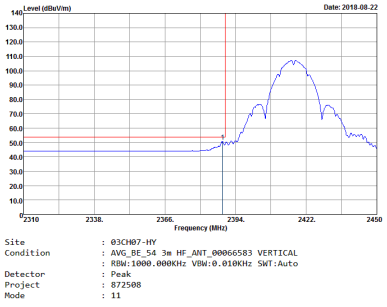
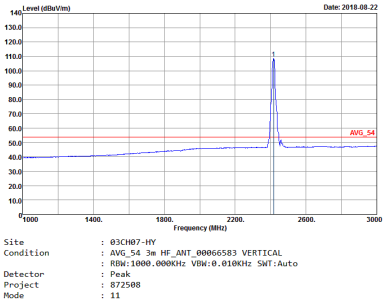
## 2.4GHz 2400~2483.5MHz

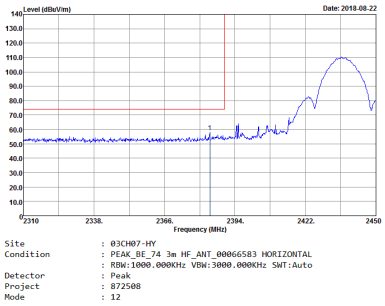
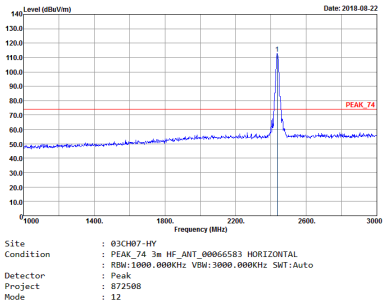
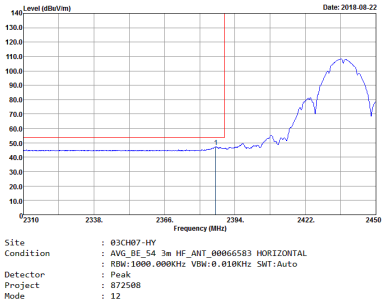
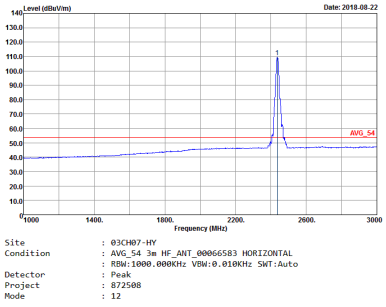
## WIFI 802.11b (Band Edge @ 3m)

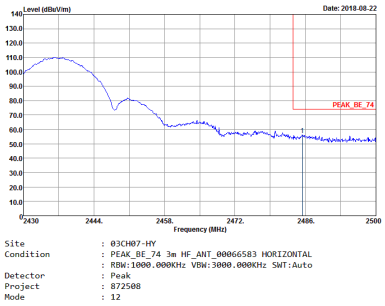
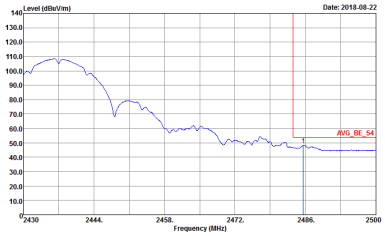
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

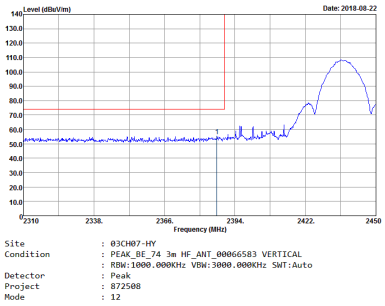
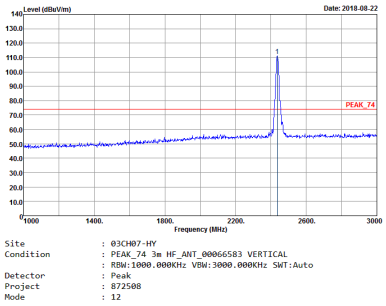
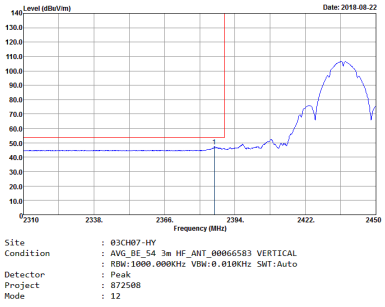
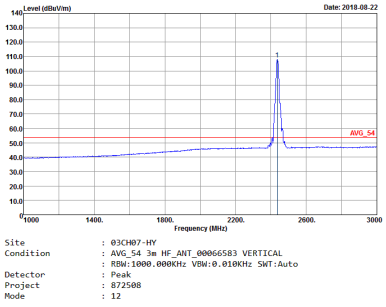
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 10 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 10 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 10 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 10 |

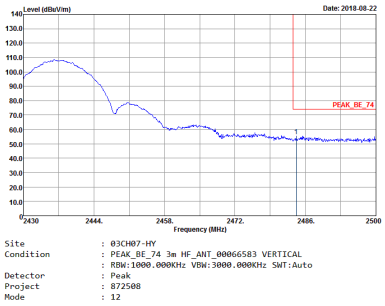
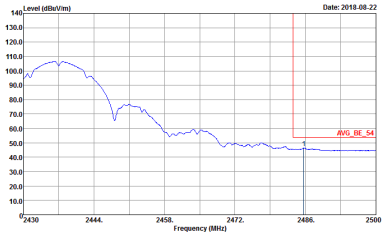
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH02 2417MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

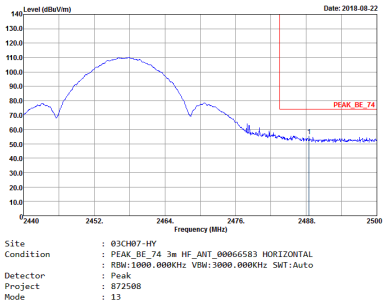
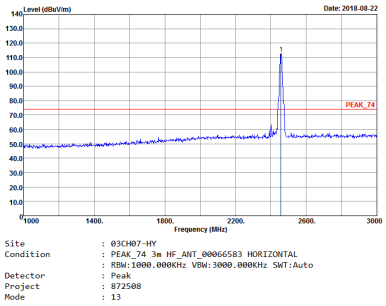
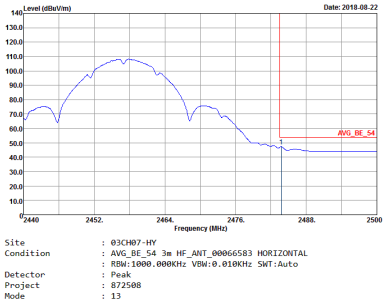
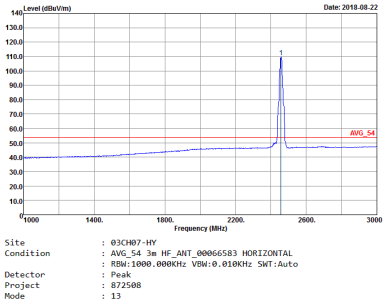
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH02 2417MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 11 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 11 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 11 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 11 |

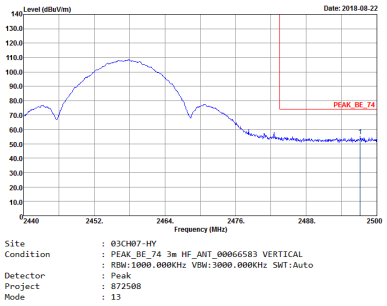
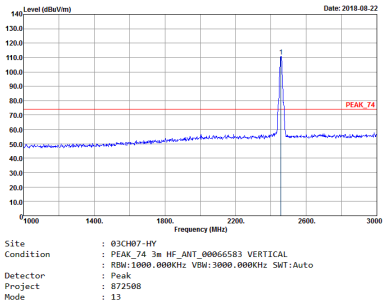
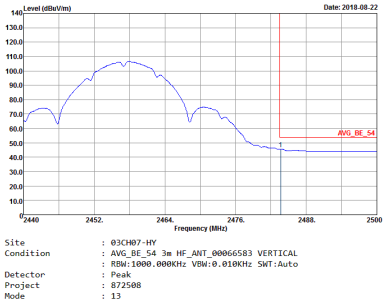
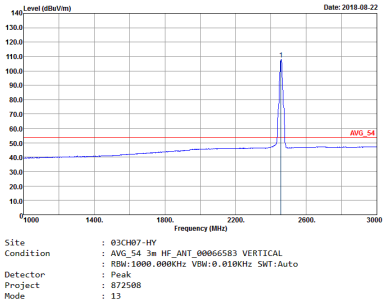
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

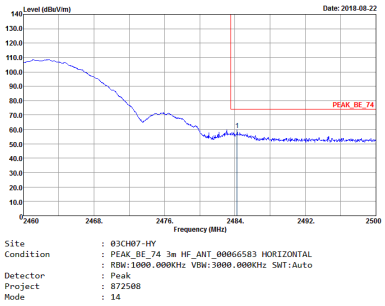
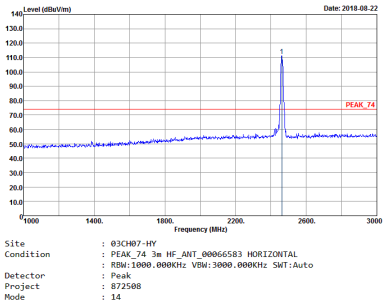
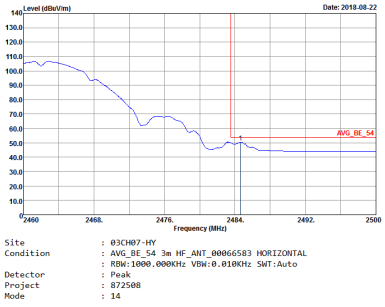
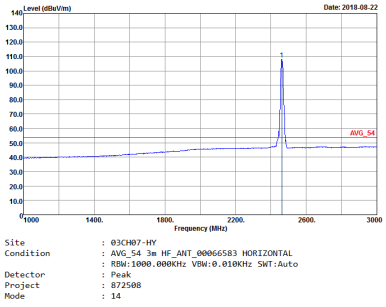
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 12 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 12 | Left blank |

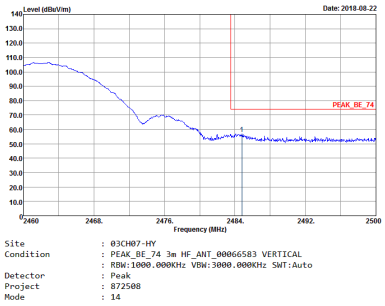
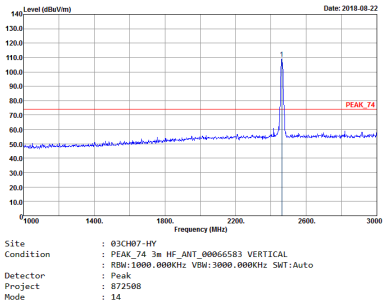
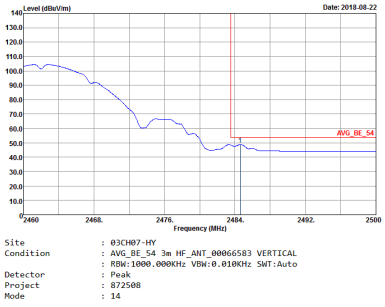
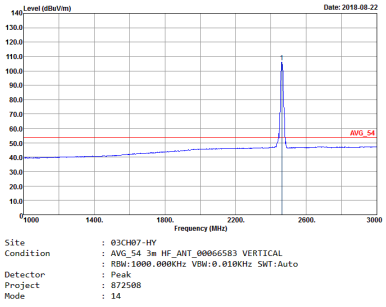
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 12 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 12 | Left blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH10 2457MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |

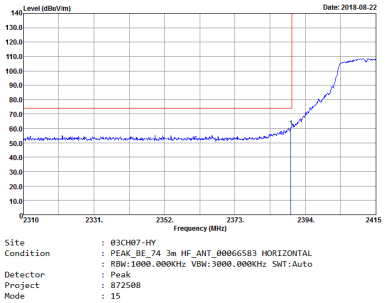
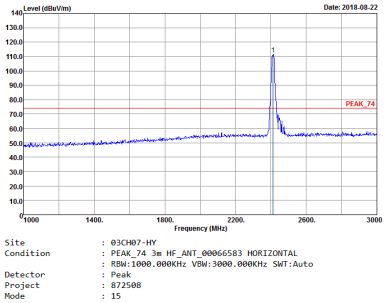
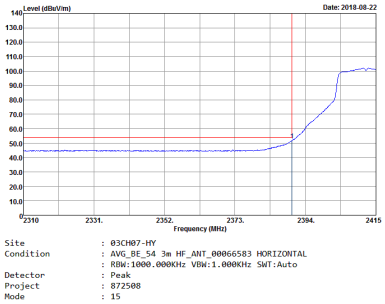
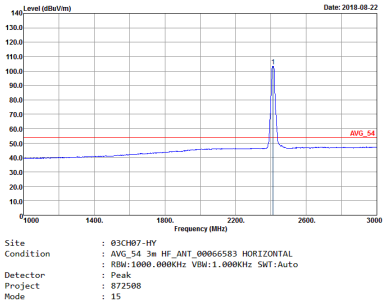
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH10 2457MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 13 |

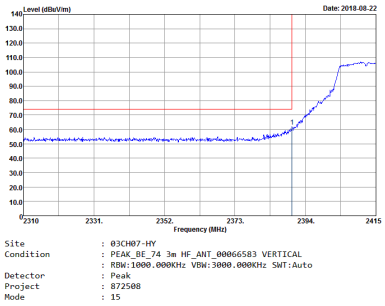
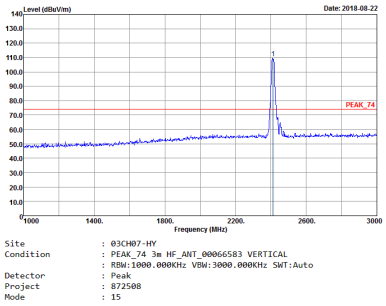
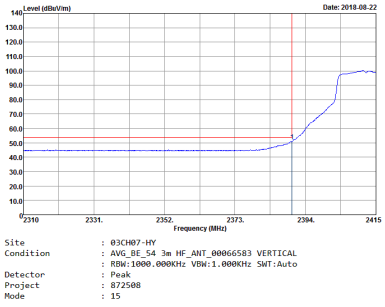
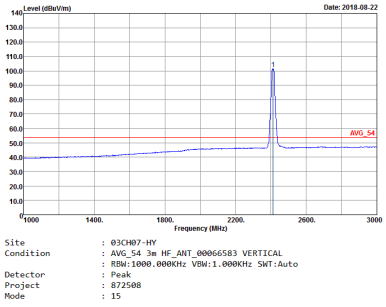
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |

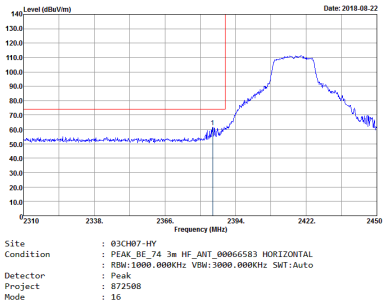
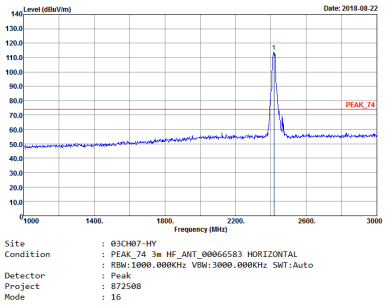
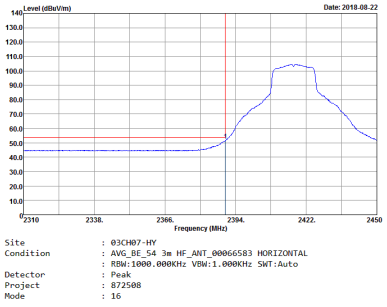
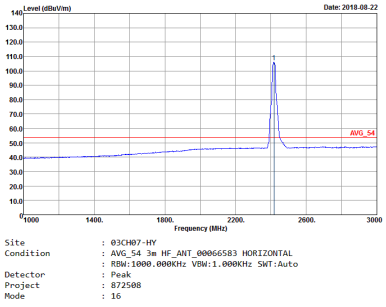
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 14 |

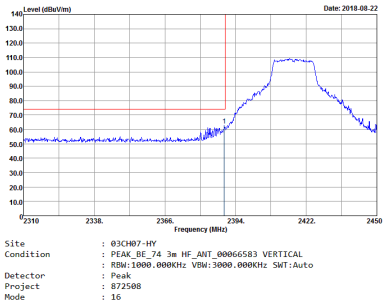
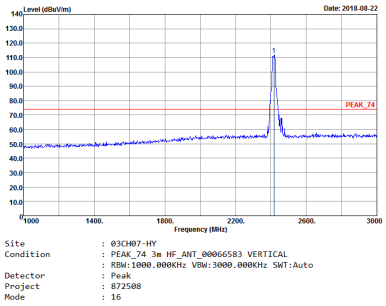
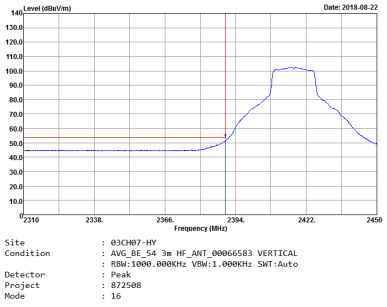
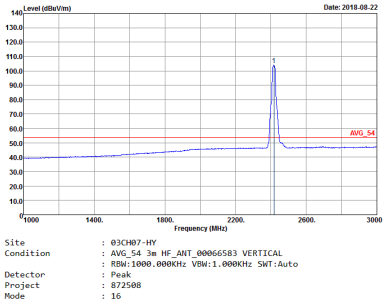
## 2.4GHz 2400~2483.5MHz

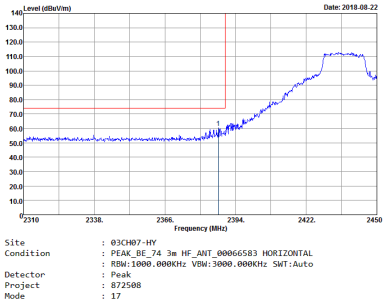
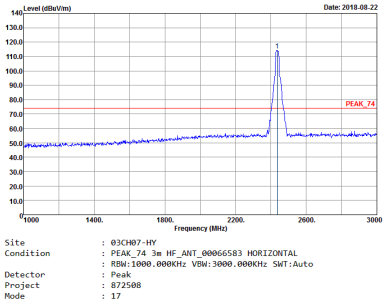
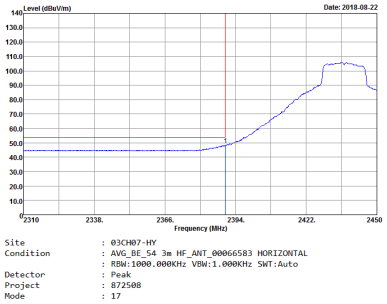
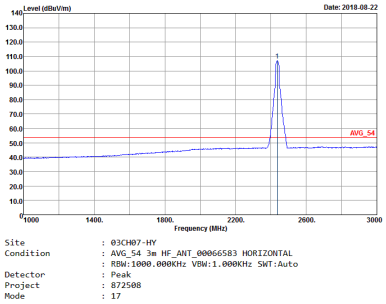
## WIFI 802.11g (Band Edge @ 3m)

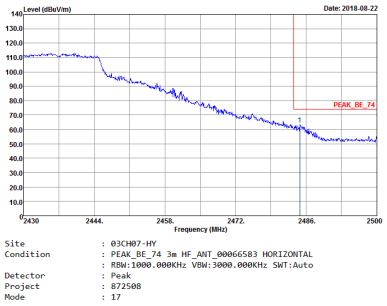
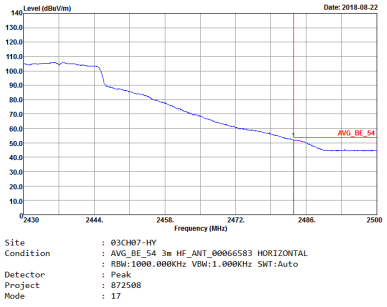
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH01 2412MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

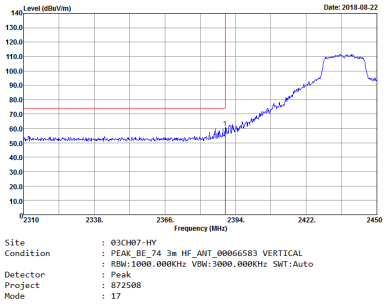
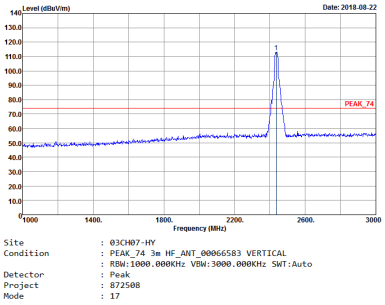
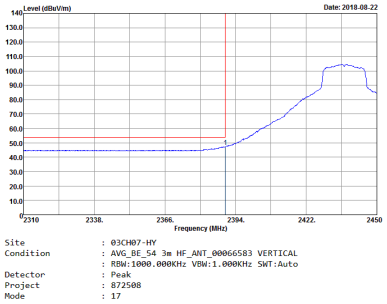
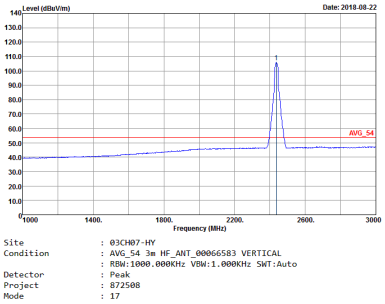
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH01 2412MHz | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

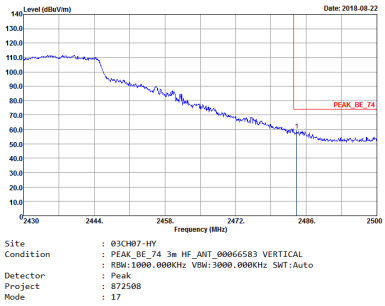
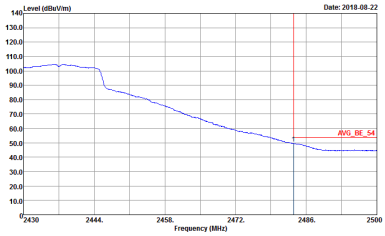
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH02 2417MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

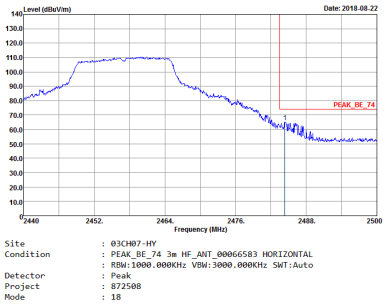
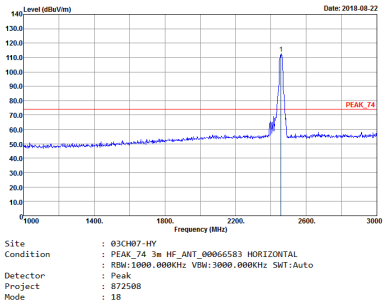
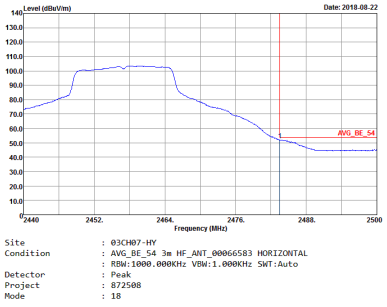
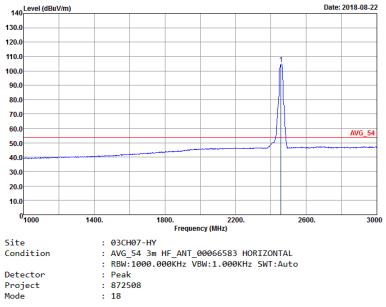
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH02 2417MHz | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

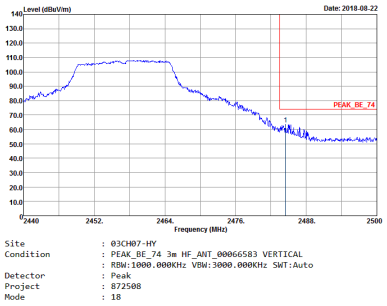
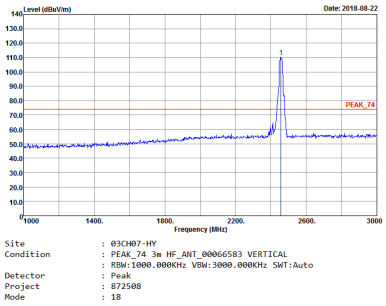
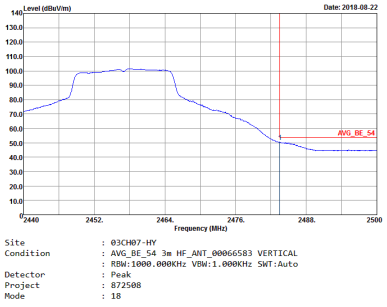
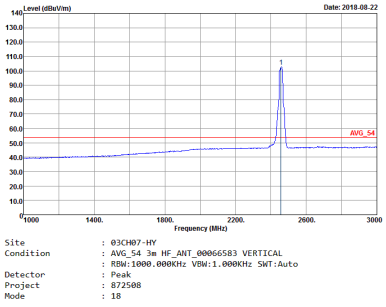
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

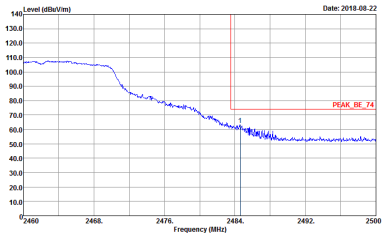
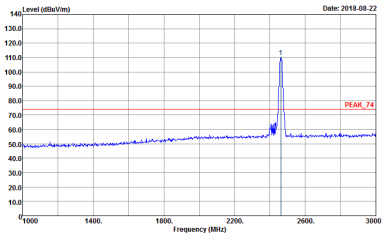
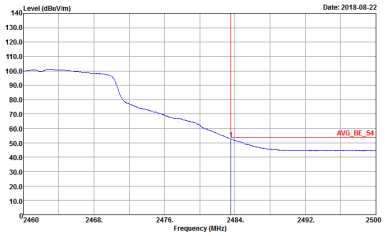
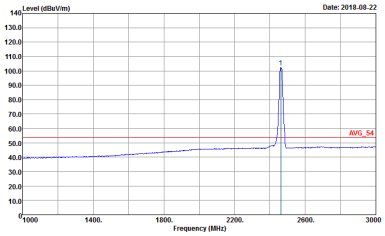
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 | Left blank |

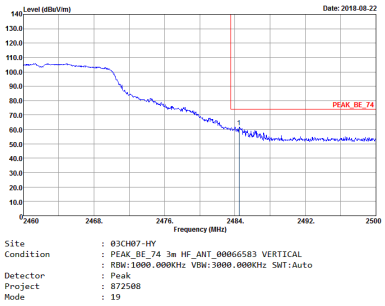
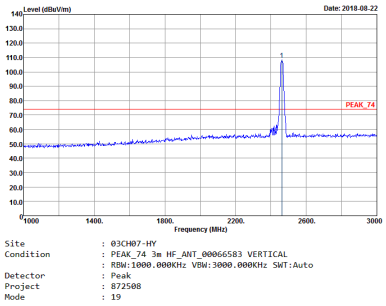
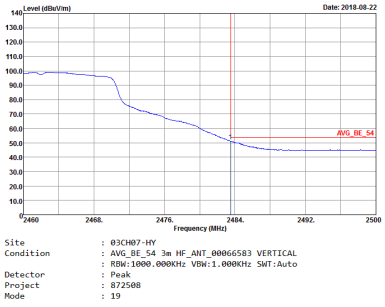
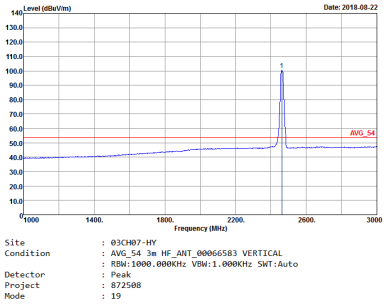
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 | Left Blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 17 | Left Blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH10 2457MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 18 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 18 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 18 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 18 |

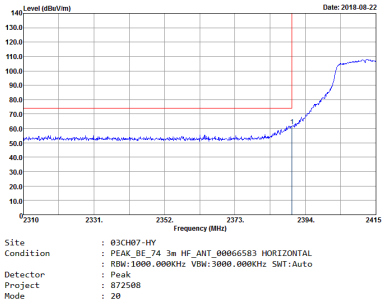
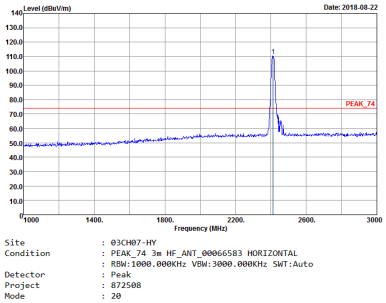
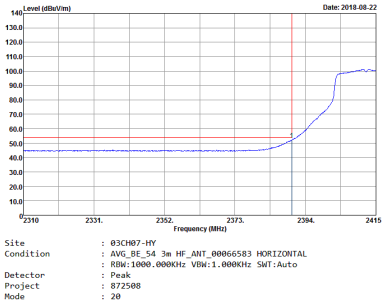
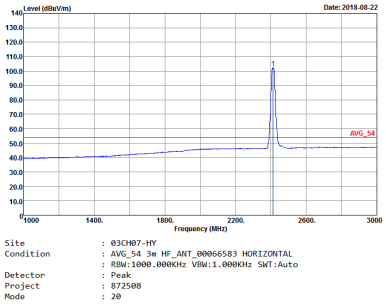
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH10 2457MHz | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

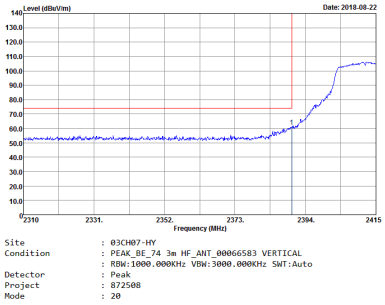
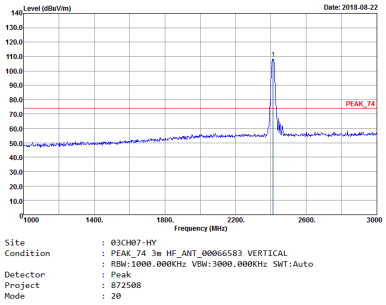
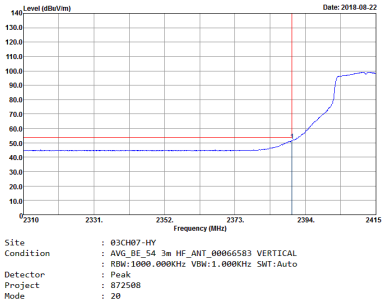
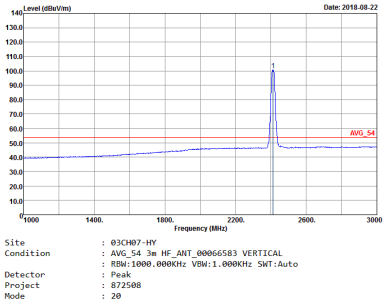
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |

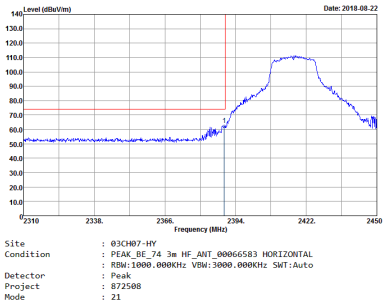
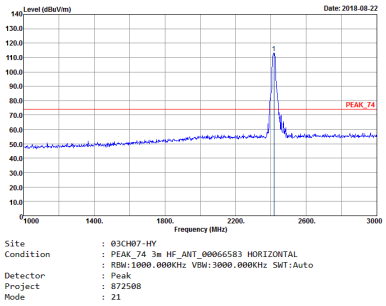
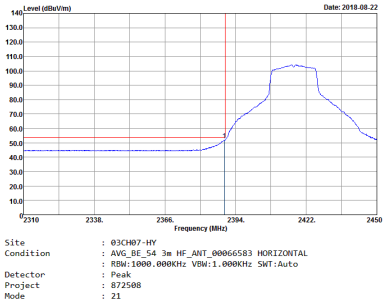
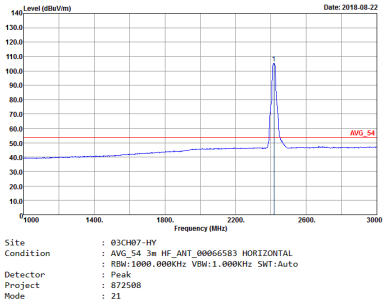
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |

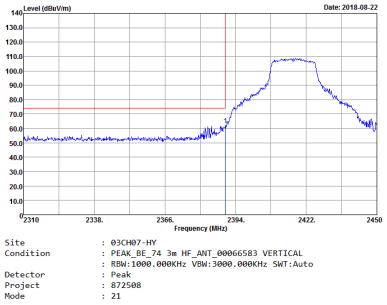
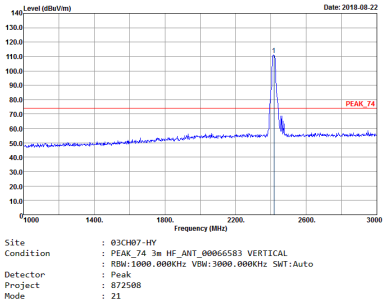
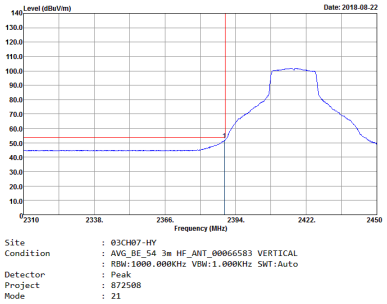
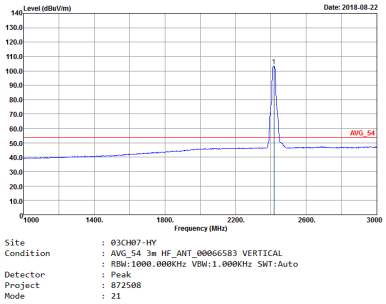
## 2.4GHz 2400~2483.5MHz

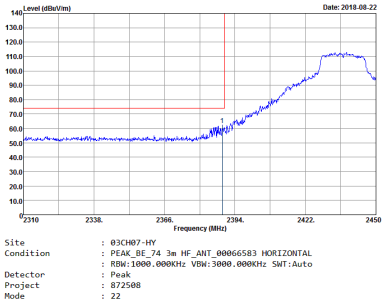
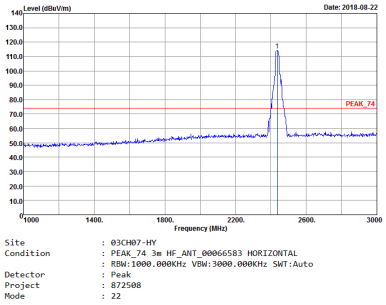
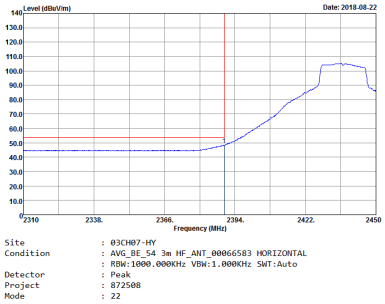
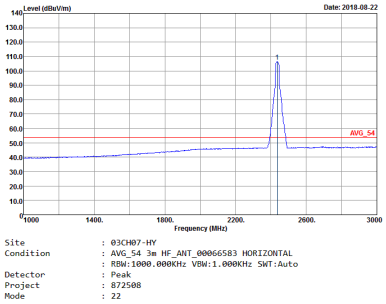
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

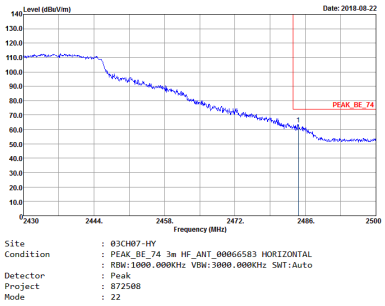
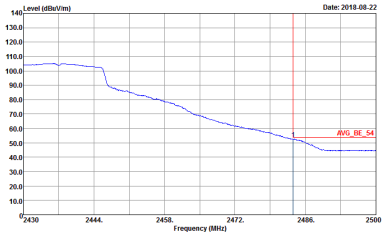
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH01 2412MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

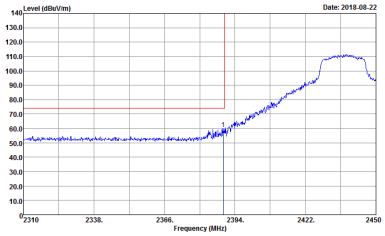
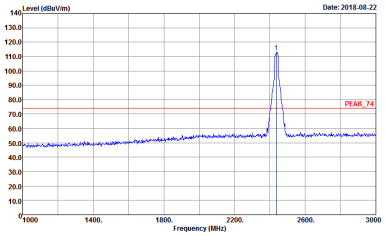
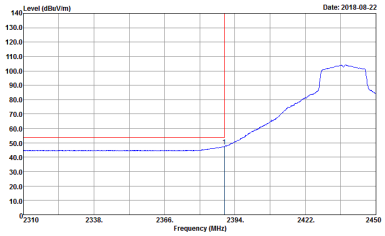
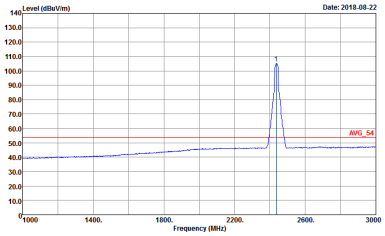
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH01 2412MHz | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

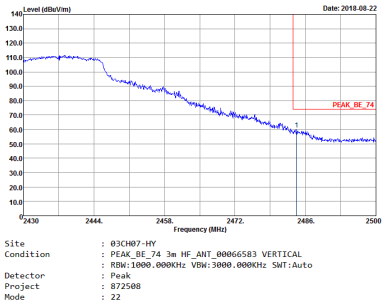
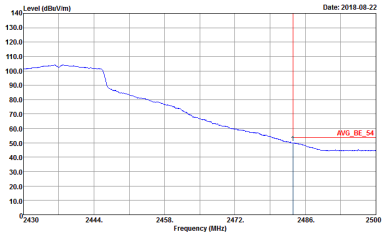
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH02 2417MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

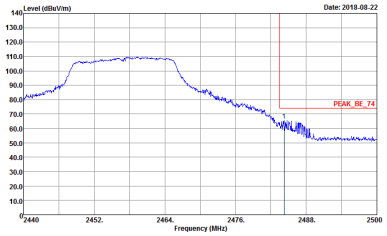
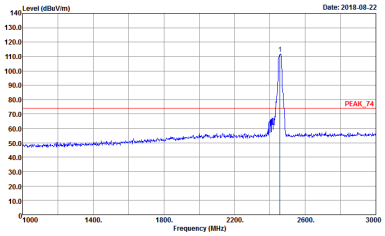
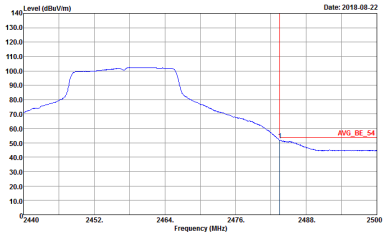
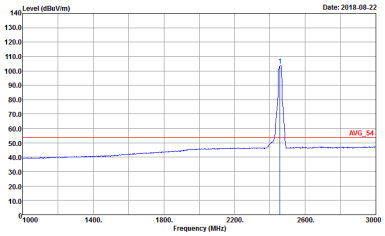
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH02 2417MHz | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

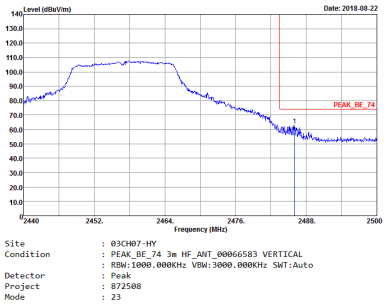
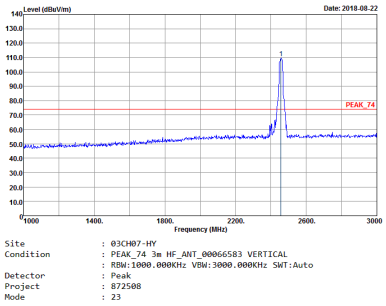
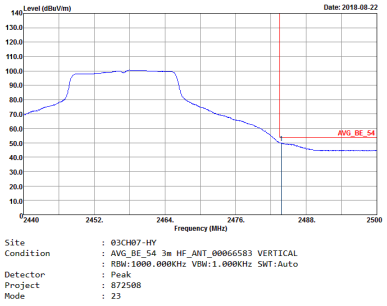
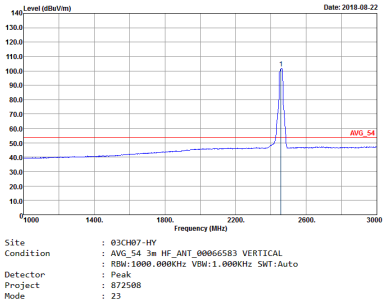
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH06 2437MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |

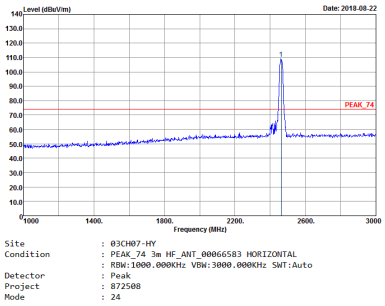
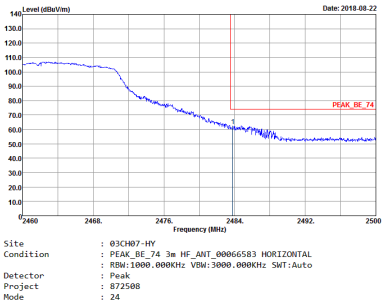
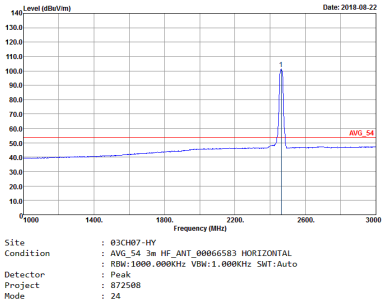
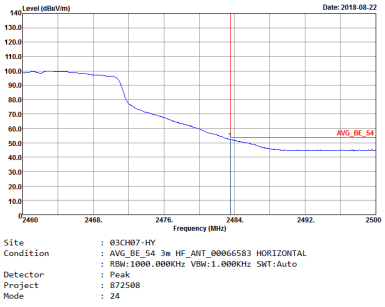
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 | Left blank |

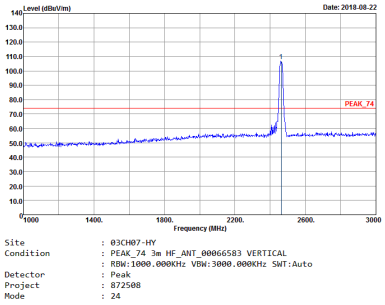
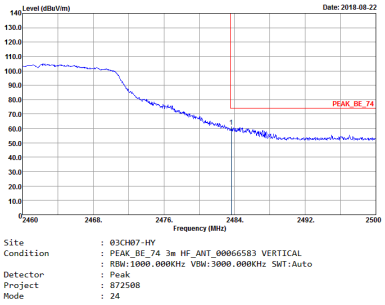
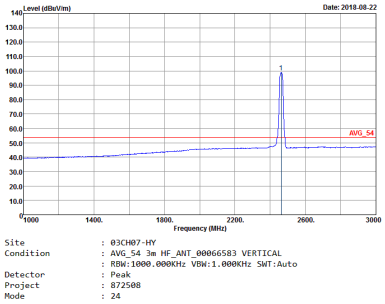
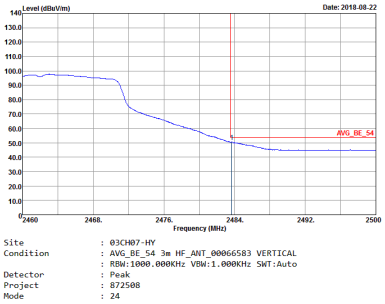
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 22 | Left blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH10 2457MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |

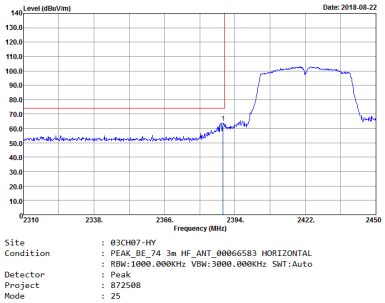
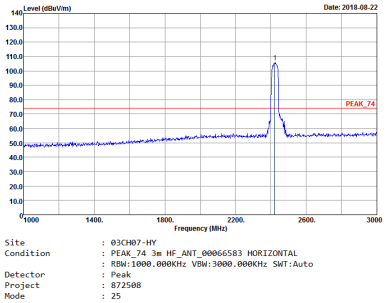
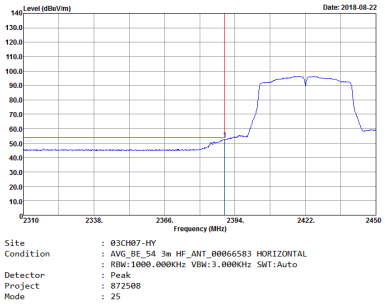
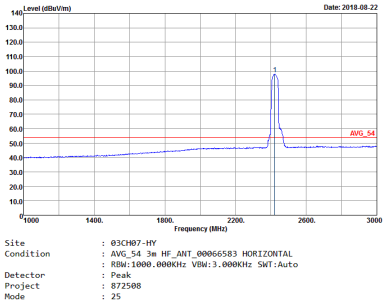
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH10 2457MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 23 |

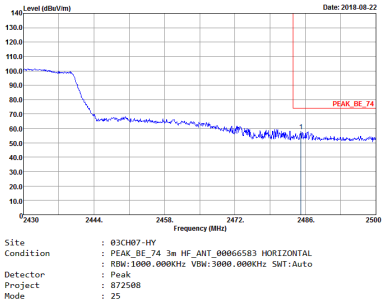
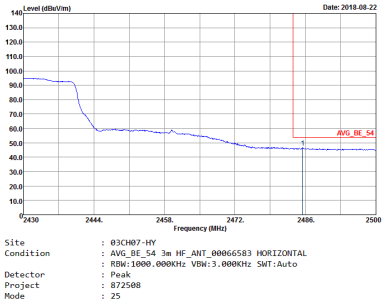
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH11 2462MHz | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |

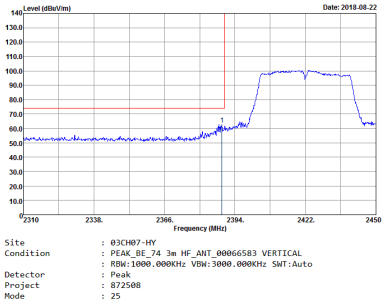
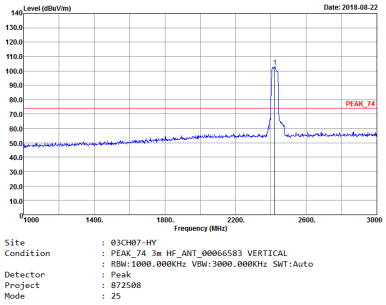
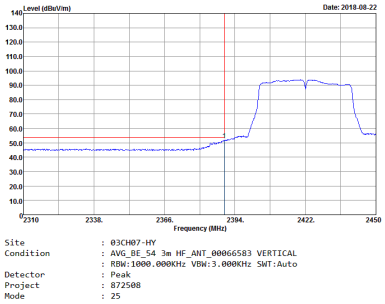
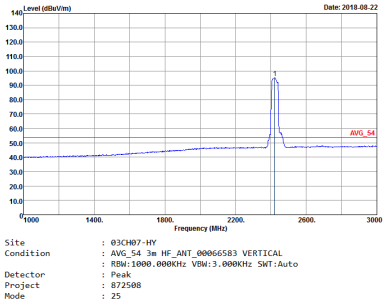
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH11 2462MHz | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 24 |

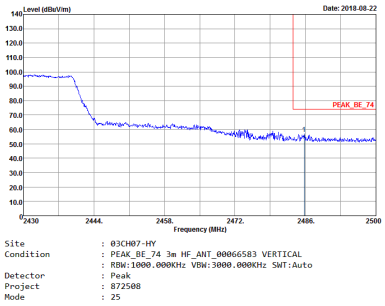
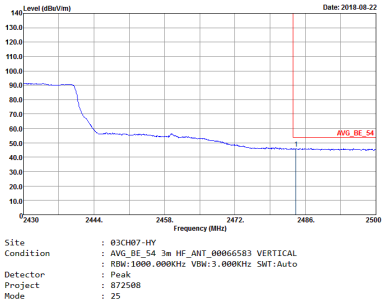
## 2.4GHz 2400~2483.5MHz

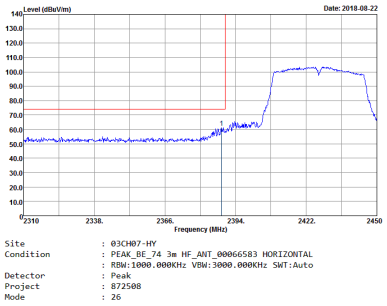
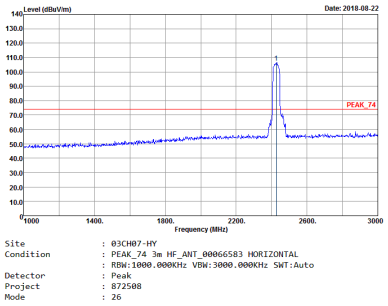
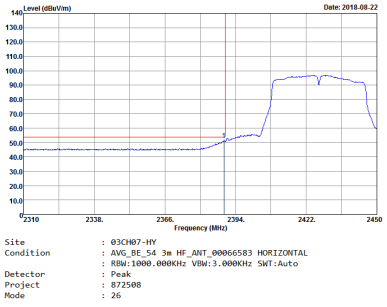
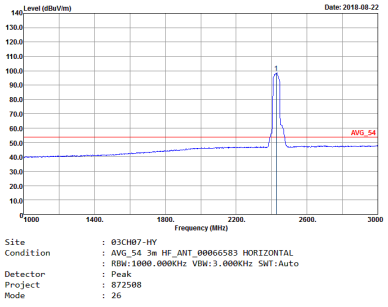
## WIFI 802.11ac VHT40 (Band Edge @ 3m)

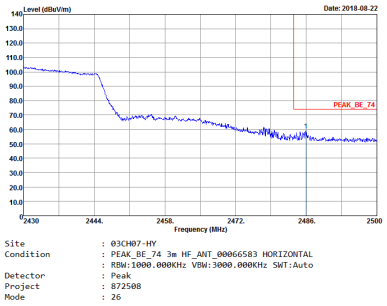
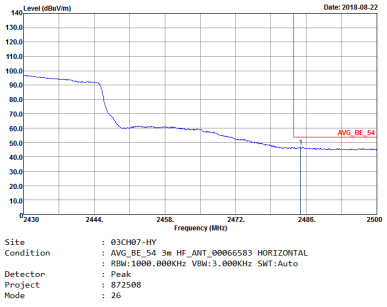
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH03 2422MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

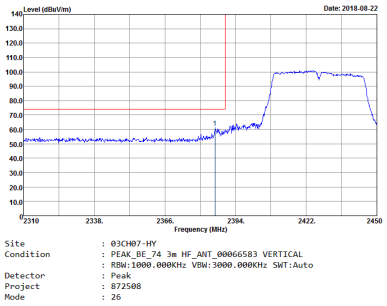
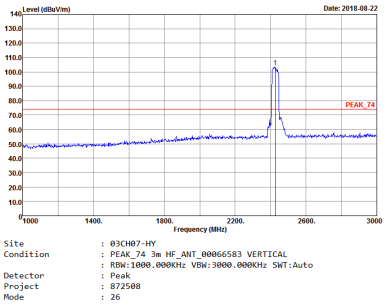
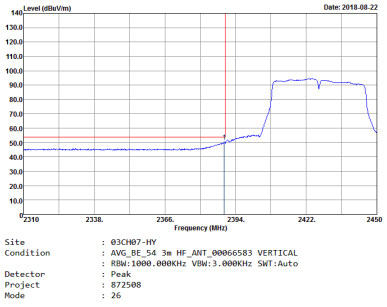
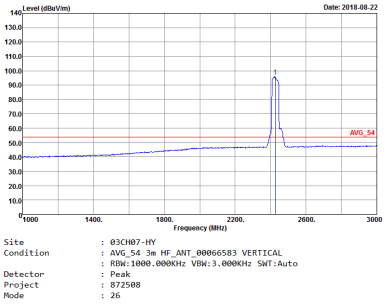
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

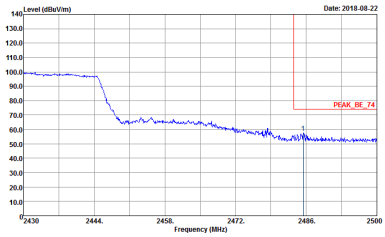
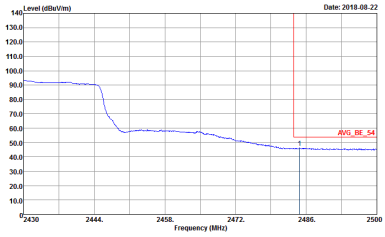
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH03 2422MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

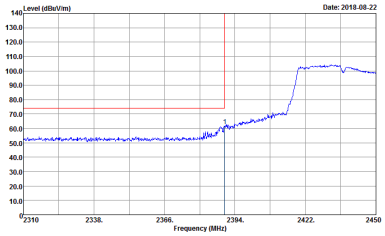
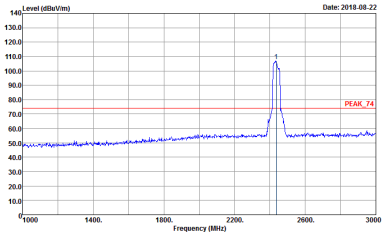
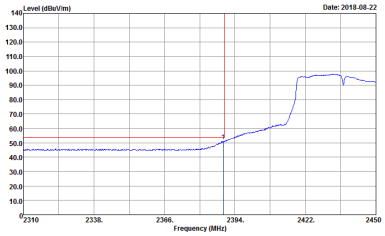
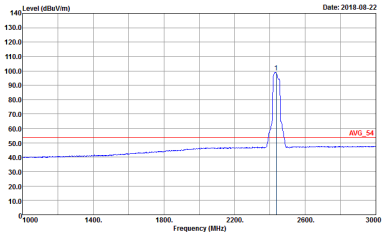
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH03 2422MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 25 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 25 | Left blank |

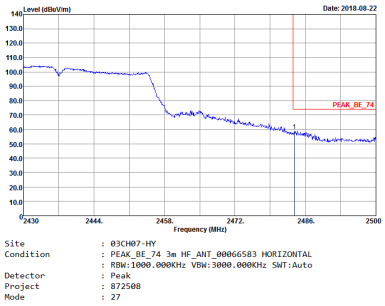
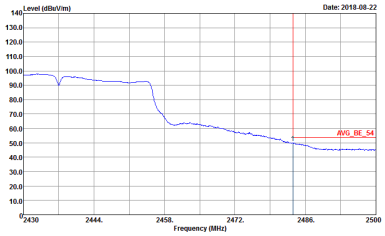
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH04 2427MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

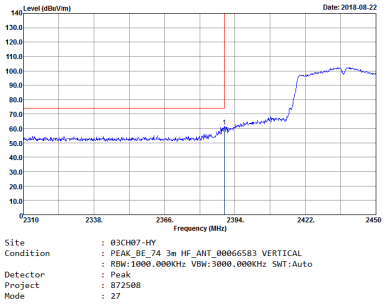
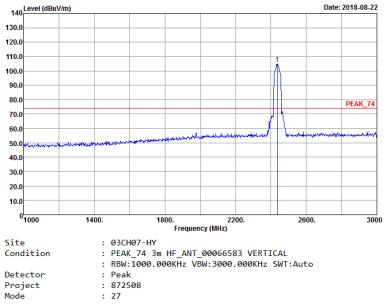
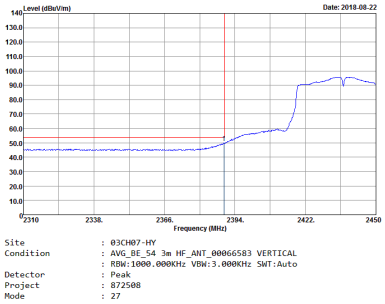
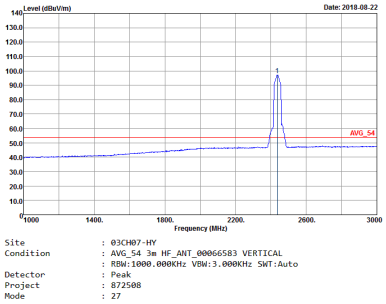
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH04 2427MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

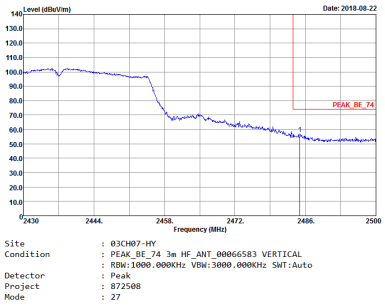
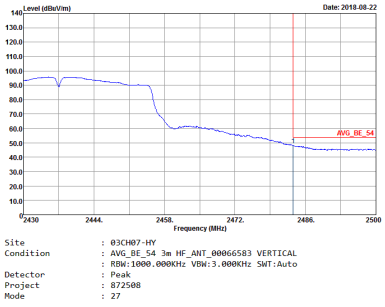
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH04 2427MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

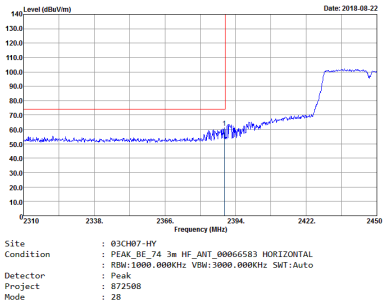
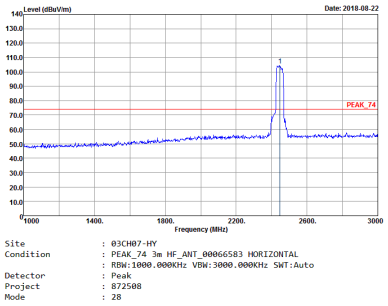
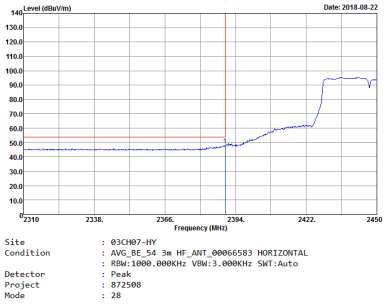
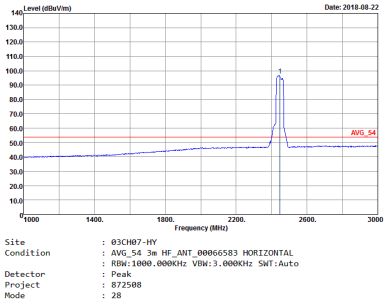
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH04 2427MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 26 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 26 | Left blank |

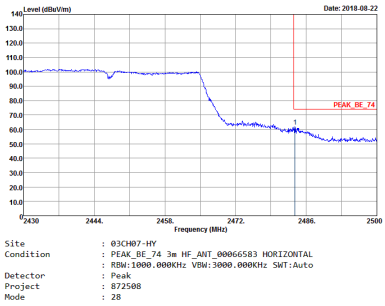
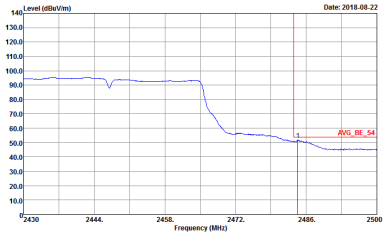
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH06 2437MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 |

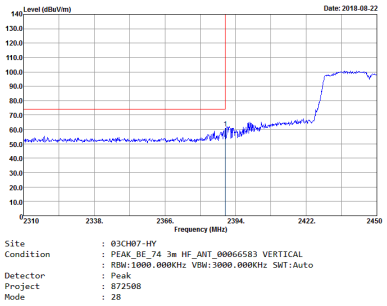
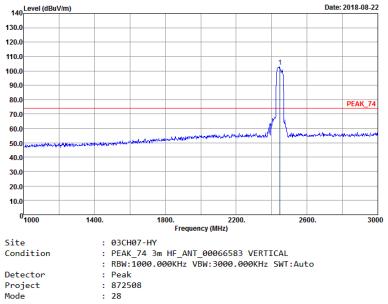
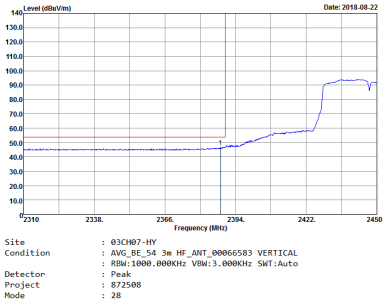
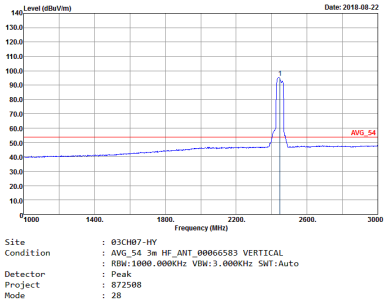
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 27 | Left blank |

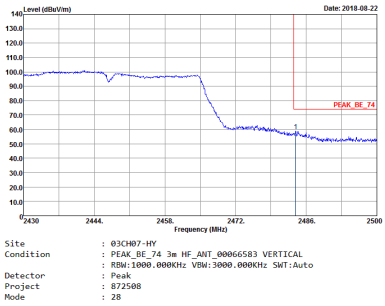
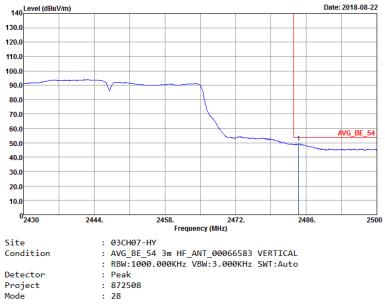
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH06 2437MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH06 2437MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

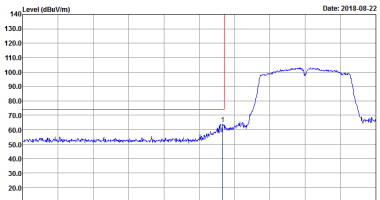
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH08 2447MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

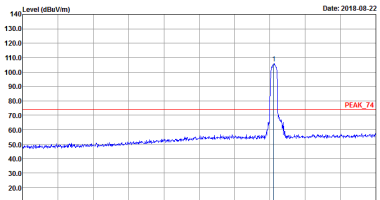
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH08 2447MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 28 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 28 | Left blank |

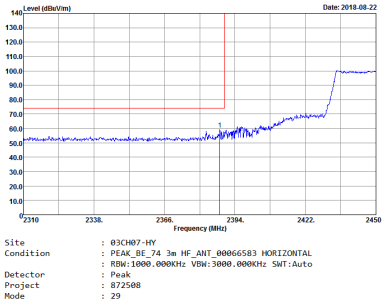
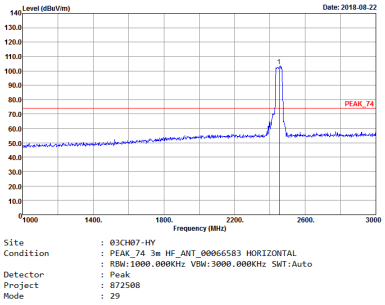
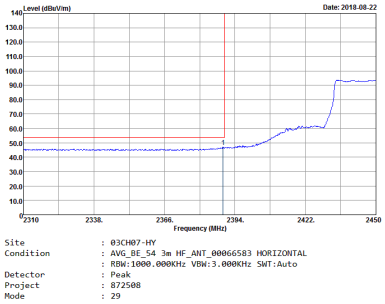
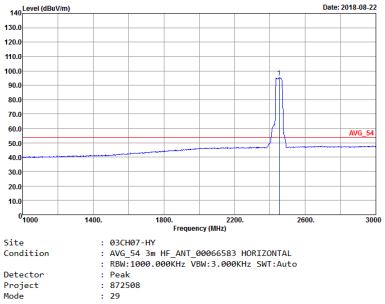
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH08 2447MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

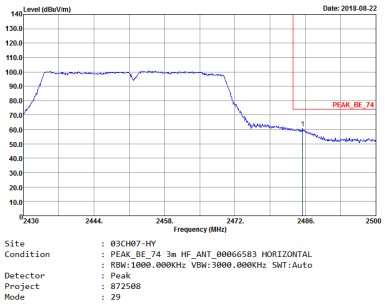
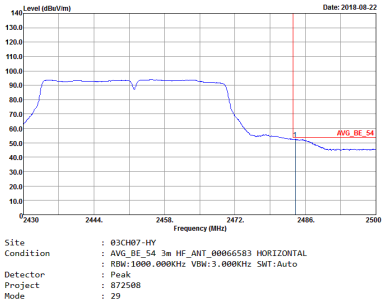
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH08 2447MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 28 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 28 | Left blank |

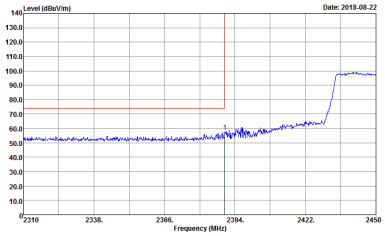
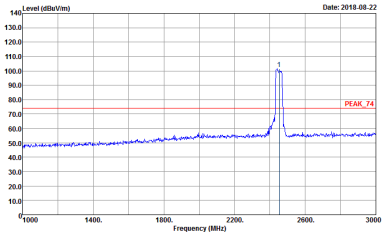
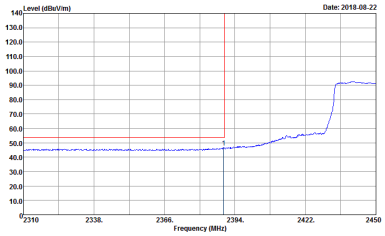
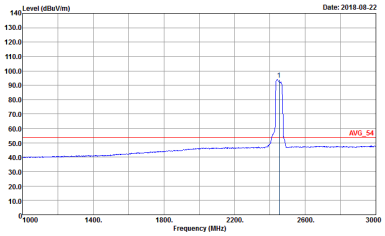


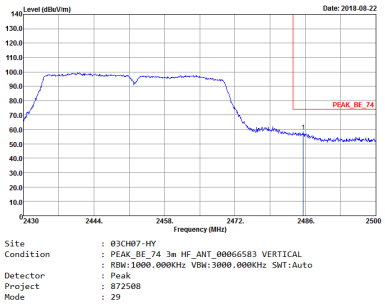
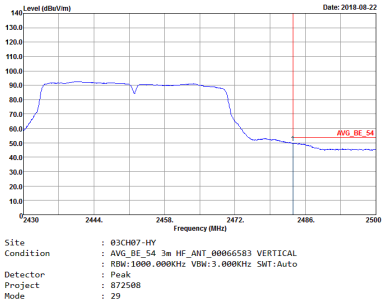


| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH09 2452MHz - L | |
| 1 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |

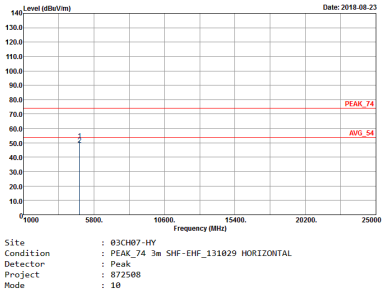
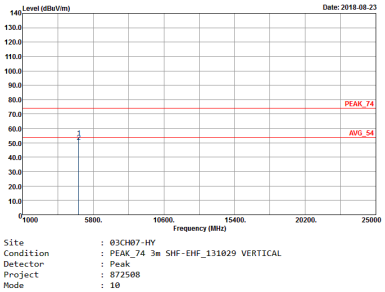
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1 | Horizontal | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

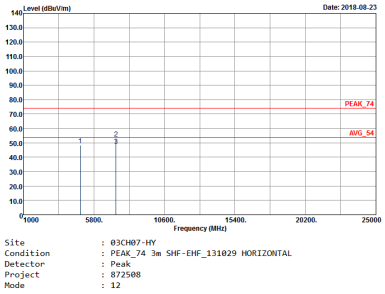
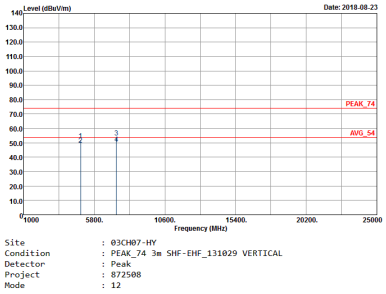
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH09 2452MHz - L | |
| 1 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 29 |

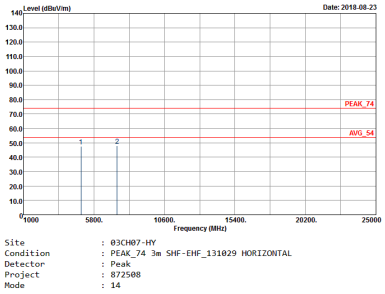
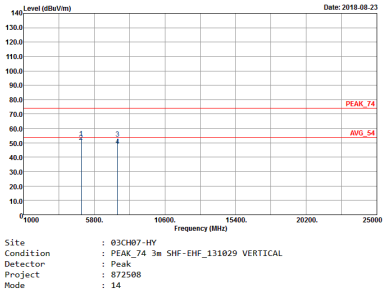
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH40 CH09 2452MHz - R | |
| 1 | Vertical | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11b (Harmonic @ 3m)

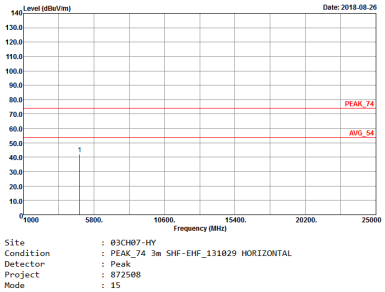
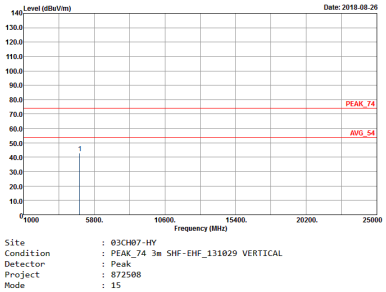
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

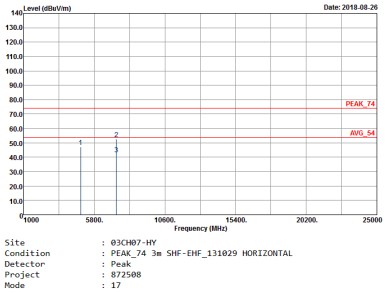
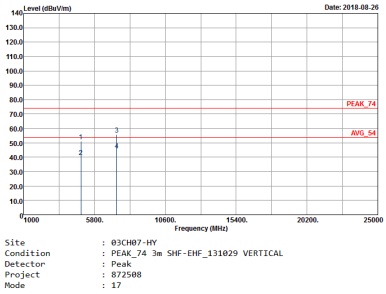
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

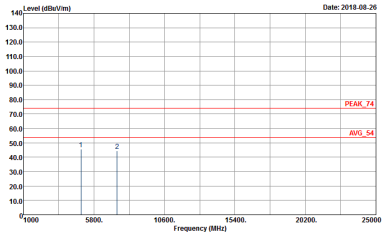
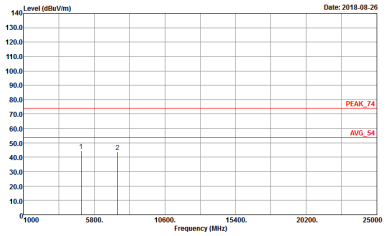
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11g (Harmonic @ 3m)

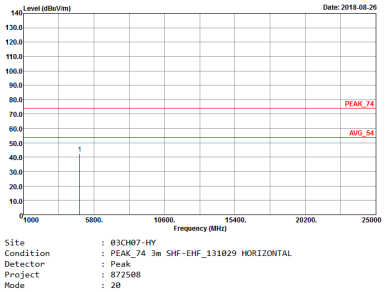
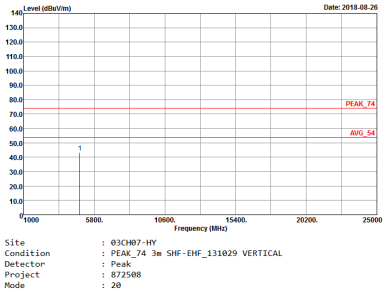
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11g CH01 2412MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

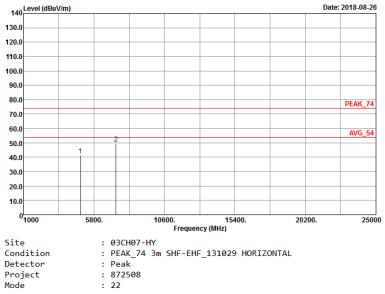
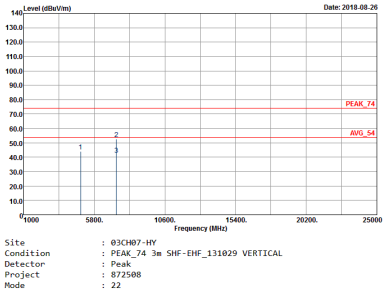
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

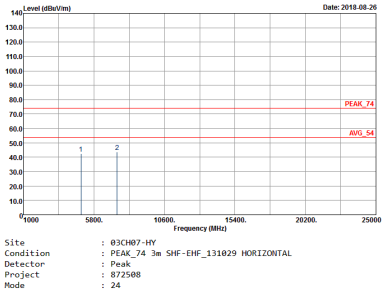
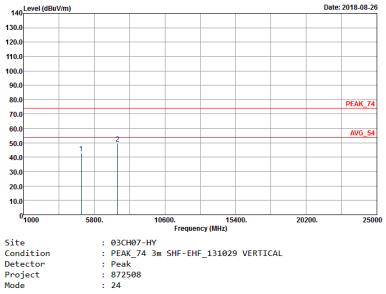
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m SHF-EHF_131029 HORIZONTAL<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m SHF-EHF_131029 VERTICAL<br>Detector : Peak<br>Project : 872508<br>Mode : 19 |

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT20 (Harmonic @ 3m)

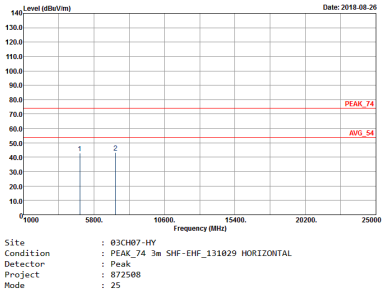
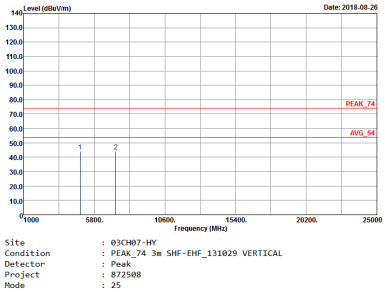
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH01 2412MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

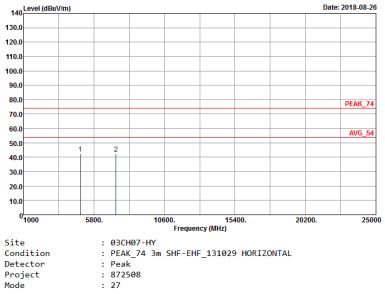
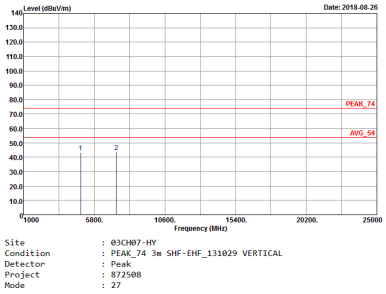
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH06 2437MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

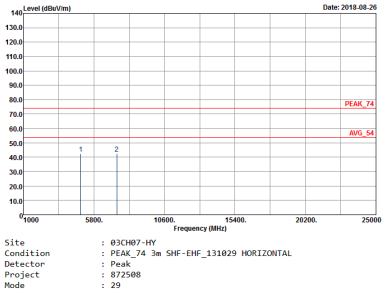
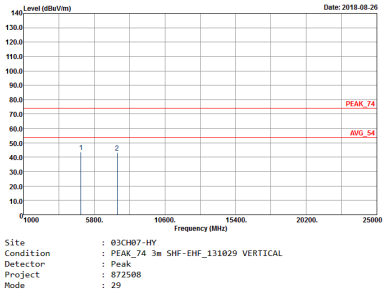
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH11 2462MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

## 2.4GHz 2400~2483.5MHz

## WIFI 802.11ac VHT40 (Harmonic @ 3m)

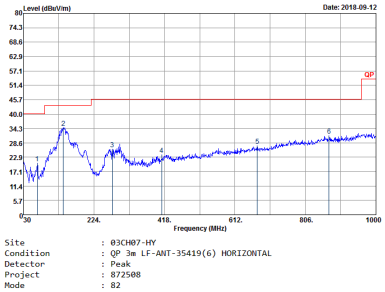
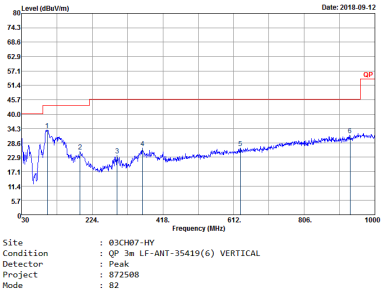
| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT40 CH03 2422MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT40 CH06 2437MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Harmonic @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT40 CH09 2452MHz | |
| 1 | Horizontal | Vertical |
| Peak<br>Avg. |  |  |

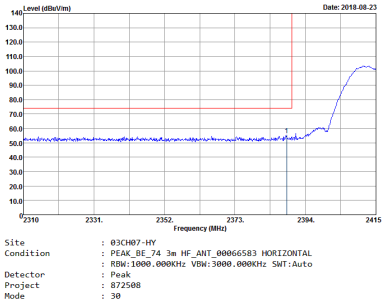
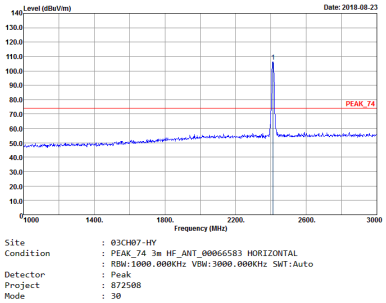
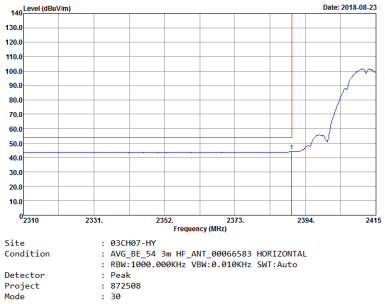
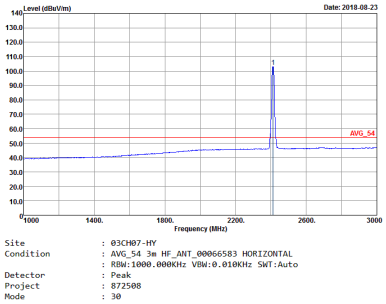
## Emission below 1GHz

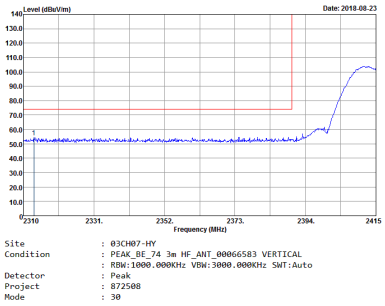
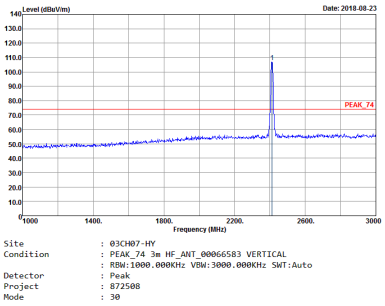
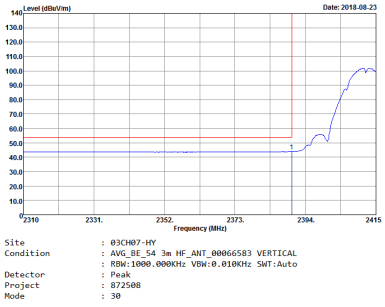
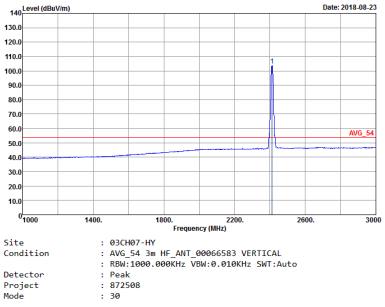
## 2.4GHz WIFI 802.11b (LF)

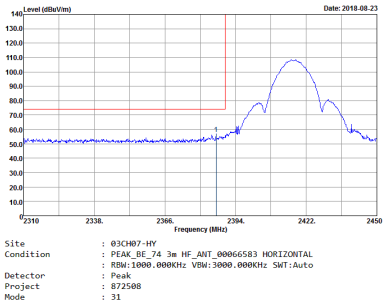
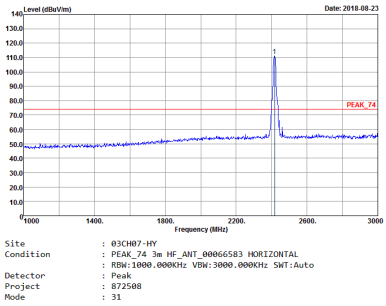
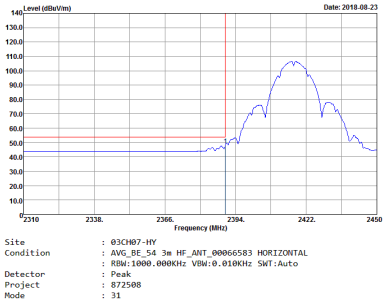
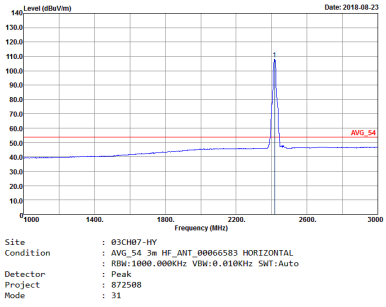
| WIFI | 2.4GHz 2400~2483.5MHz | |
|---|---|---|
| ANT | 802.11b LF | |
| 1 | Horizontal | Vertical |
| QP / Peak |  <br>Site : 03CH07-HY<br>Condition : QP 3m LF-ANT-35419(6) HORIZONTAL<br>Detector : Peak<br>Project : 872508<br>Mode : 82 |  <br>Site : 03CH07-HY<br>Condition : QP 3m LF-ANT-35419(6) VERTICAL<br>Detector : Peak<br>Project : 872508<br>Mode : 82 |

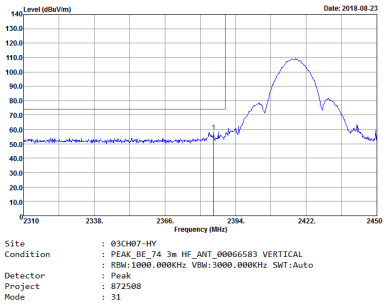
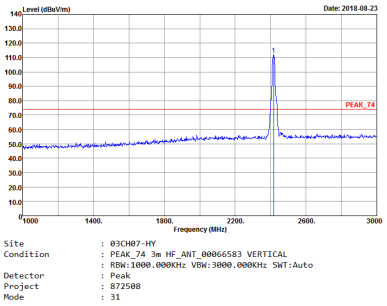
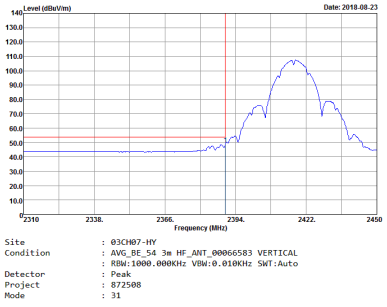
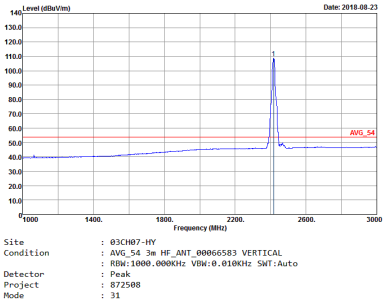
## 2.4GHz 2400~2483.5MHz

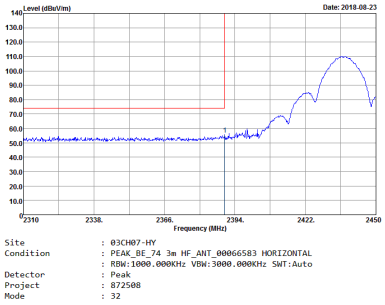
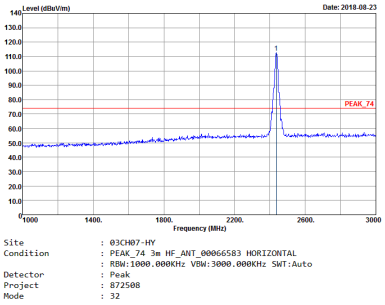
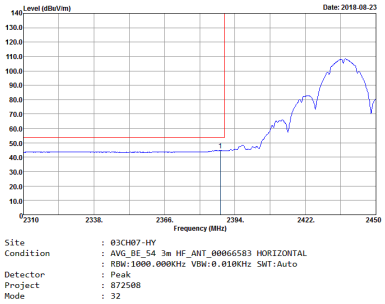
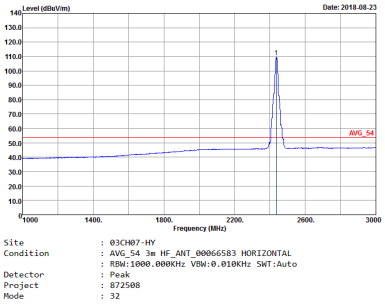
## WIFI 802.11b (Band Edge @ 3m)

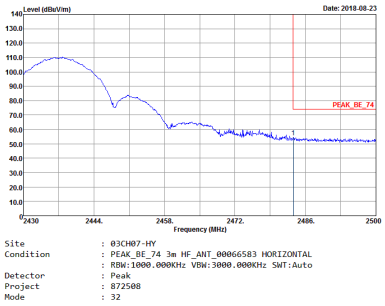
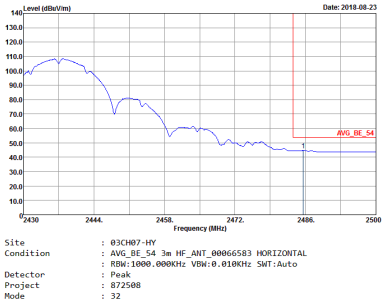
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

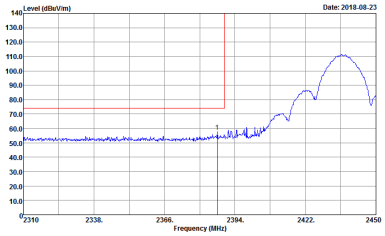
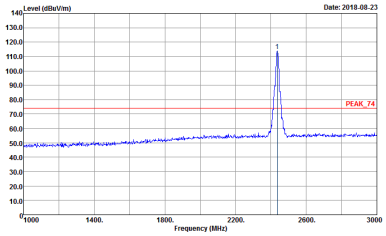
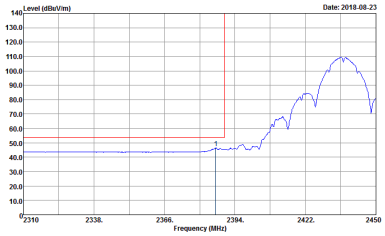
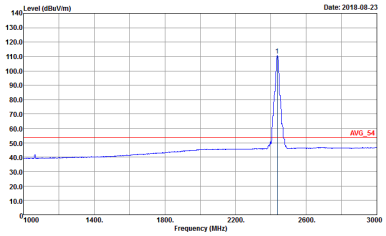
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH01 2412MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 30 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 30 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 30 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 30 |

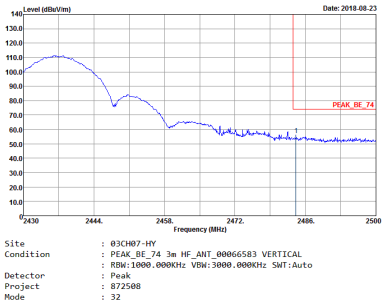
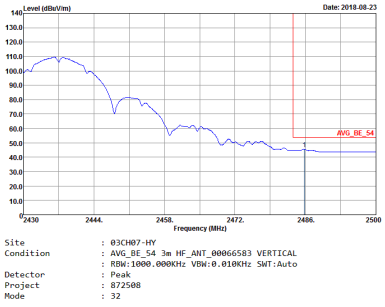
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH02 2417MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

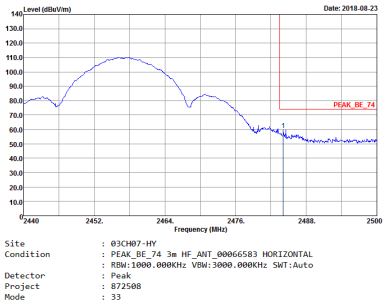
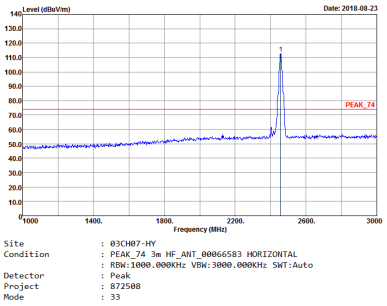
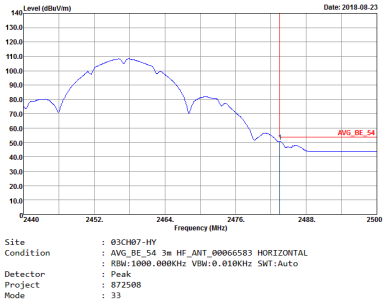
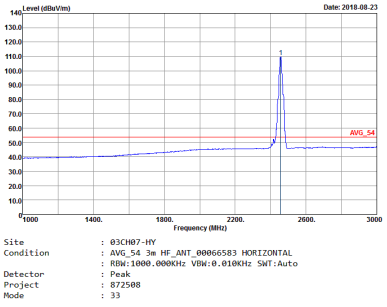
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH02 2417MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 31 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 31 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 31 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 31 |

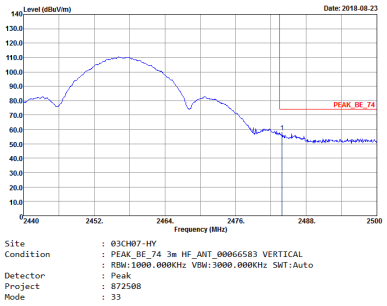
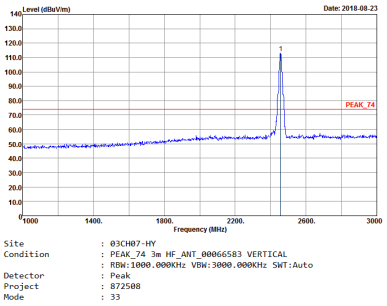
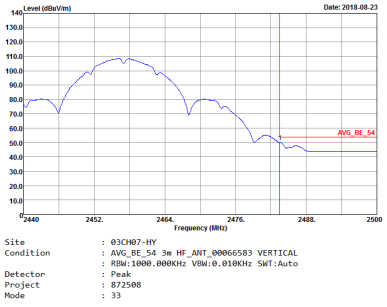
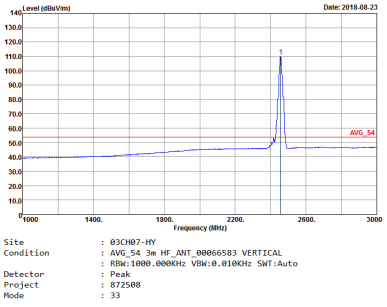
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - L | |
| 2 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

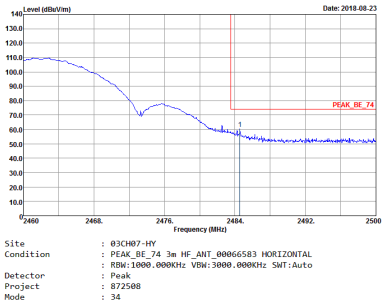
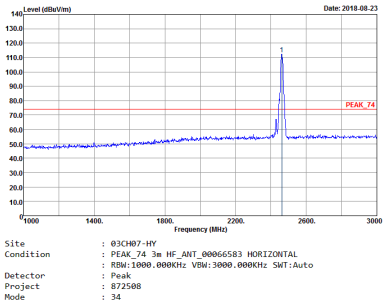
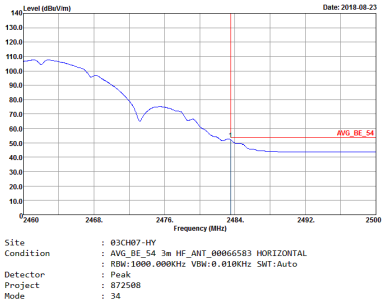
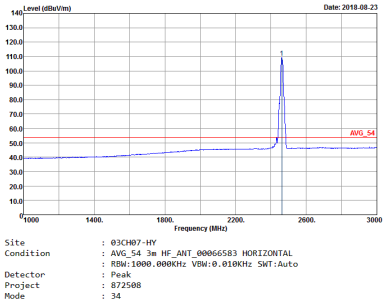
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 32 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 32 | Left blank |

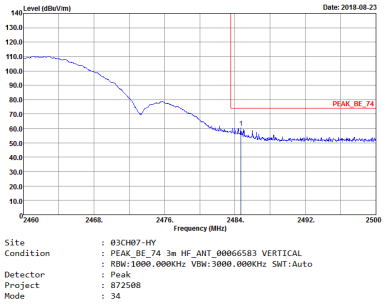
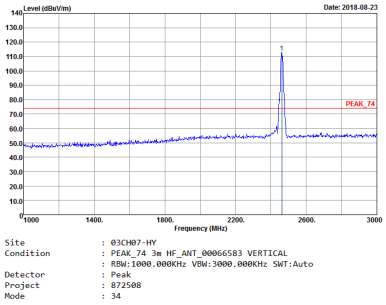
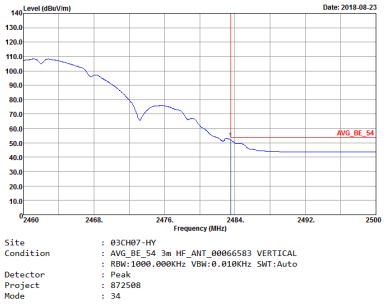
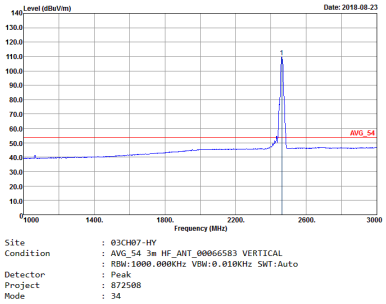
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - L | |
| 2 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  | Left blank |
| Avg. |  | Left blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH10 2457MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |

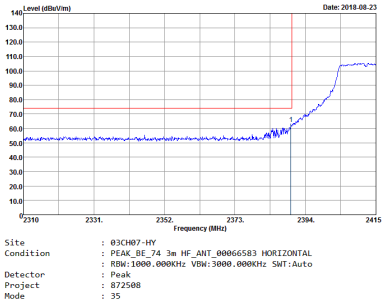
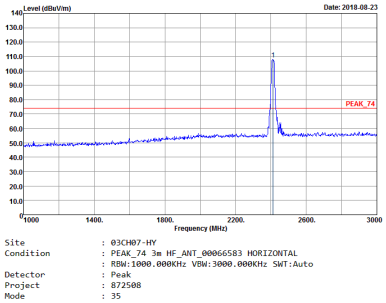
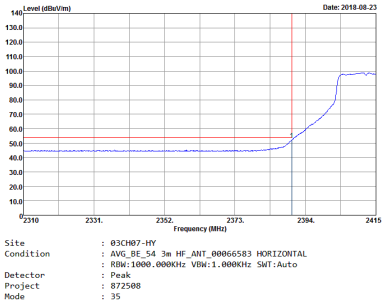
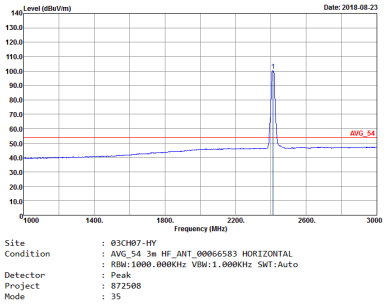
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH10 2457MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 33 |

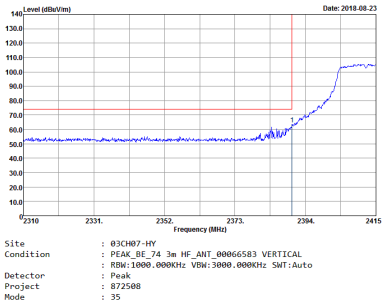
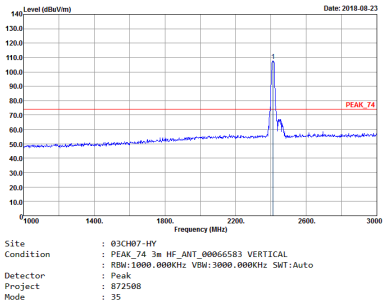
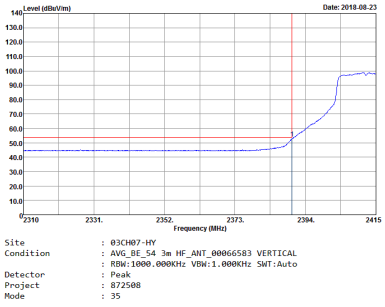
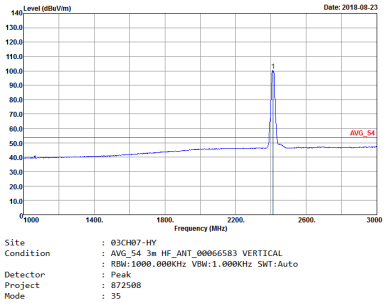
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |

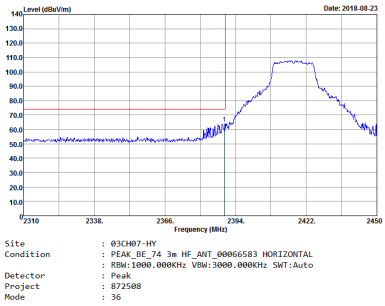
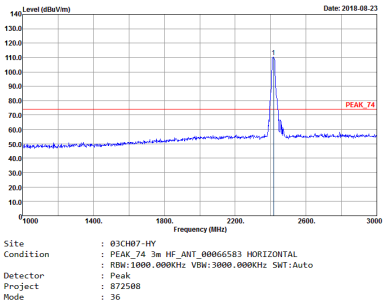
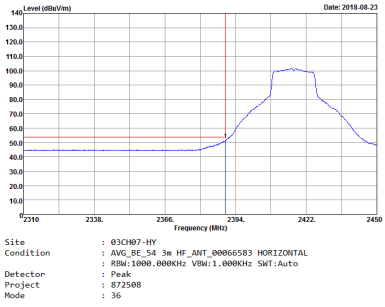
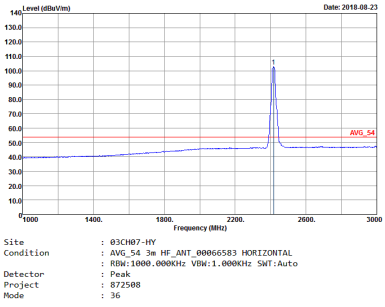
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11b CH11 2462MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:0.010KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 34 |

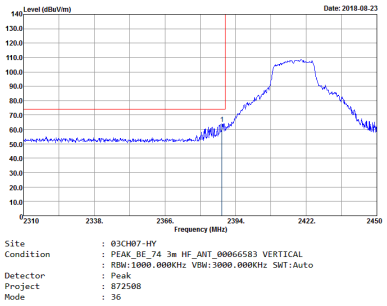
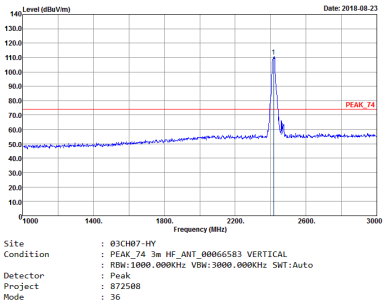
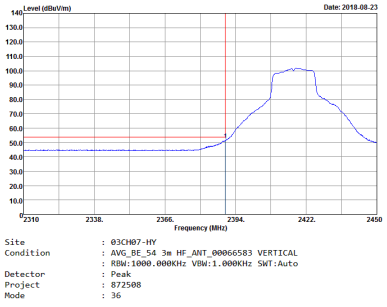
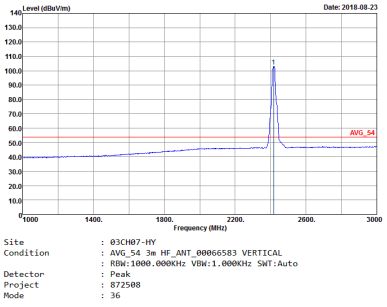
## 2.4GHz 2400~2483.5MHz

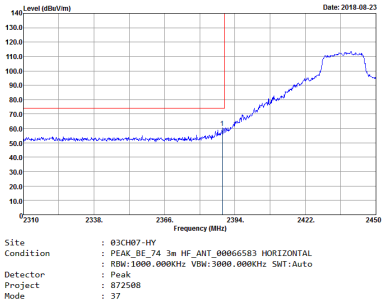
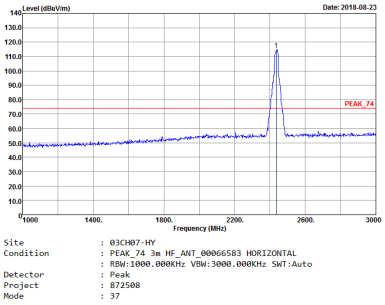
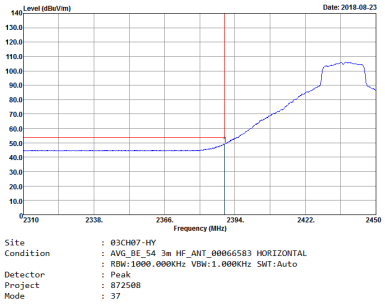
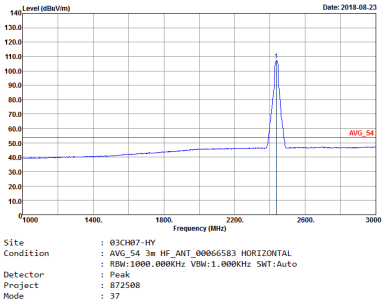
## WIFI 802.11g (Band Edge @ 3m)

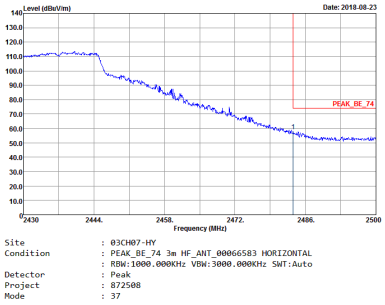
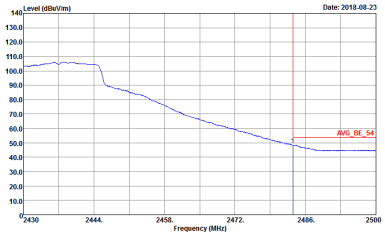
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH01 2412MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

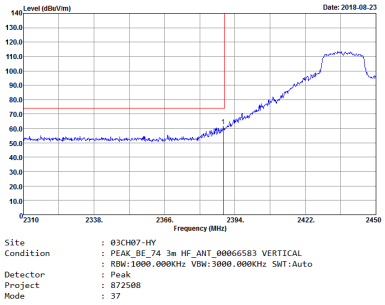
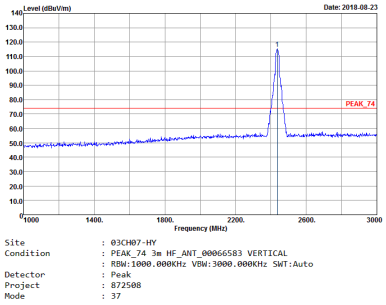
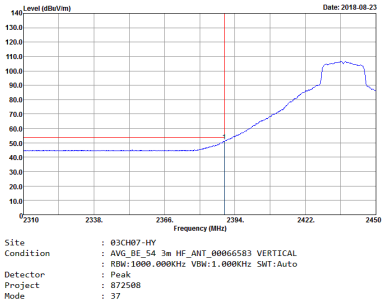
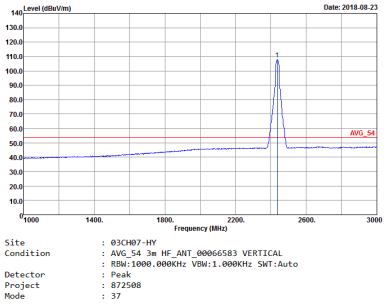
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH01 2412MHz | |
| 2 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

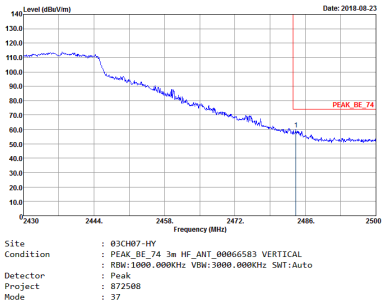
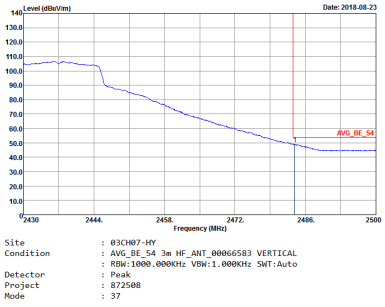
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH02 2417MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |

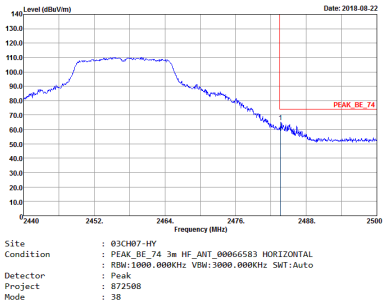
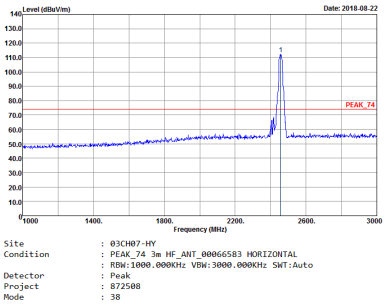
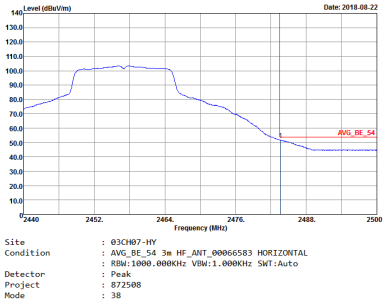
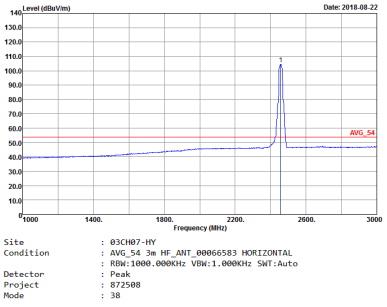
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH02 2417MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 36 |

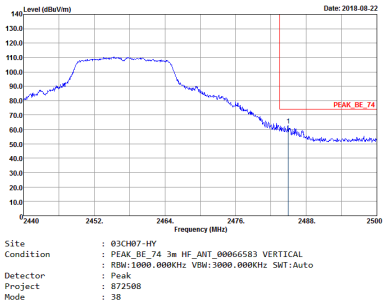
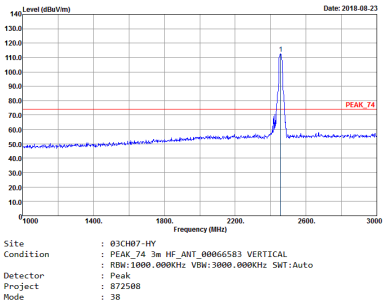
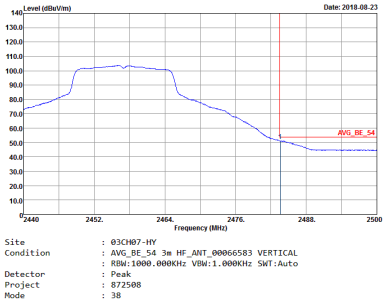
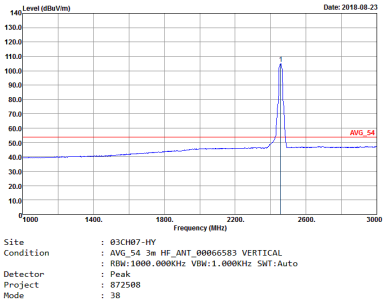
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - L | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 |

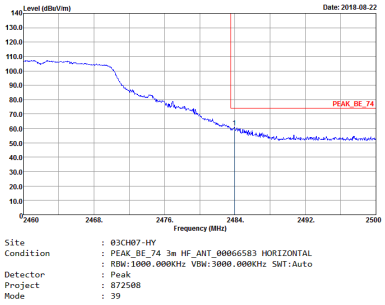
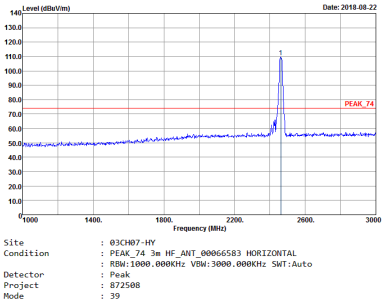
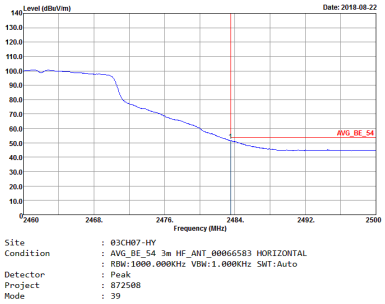
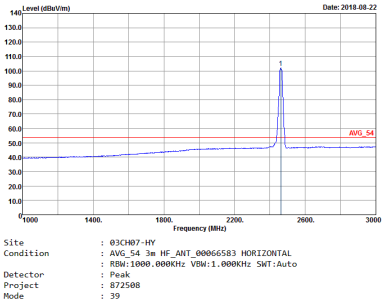
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 37 | Left blank |

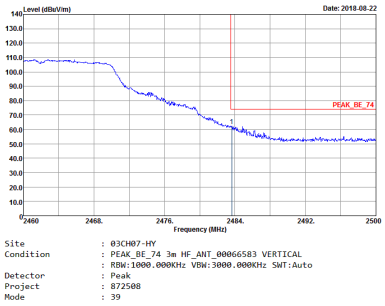
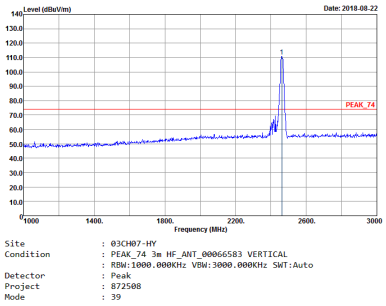
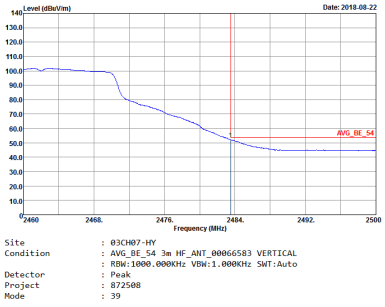
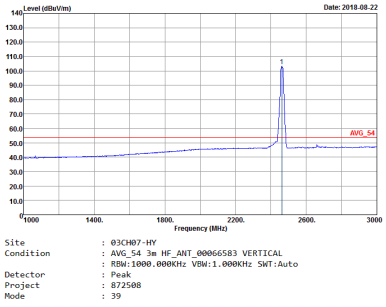
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - L | |
| 2 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  | Left Blank |
| Avg. |  | Left Blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH10 2457MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |

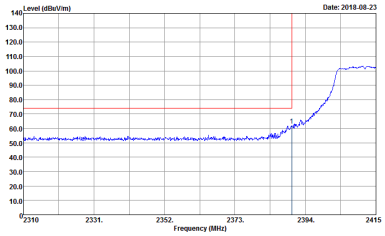
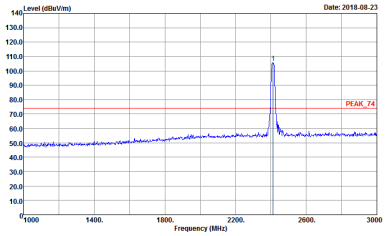
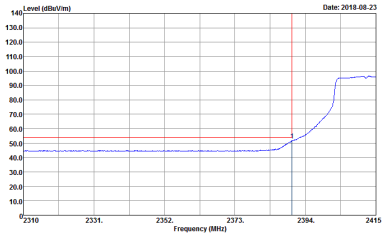
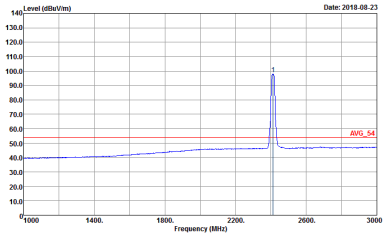
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH10 2457MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 38 |

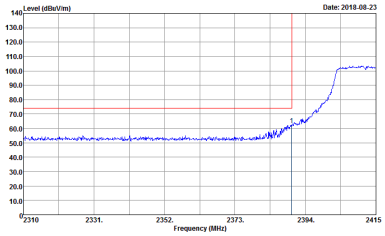
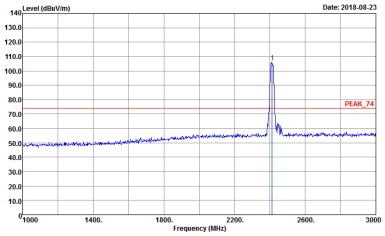
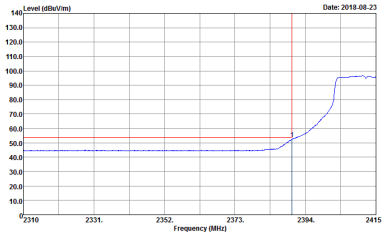
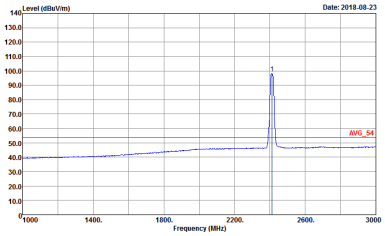
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |

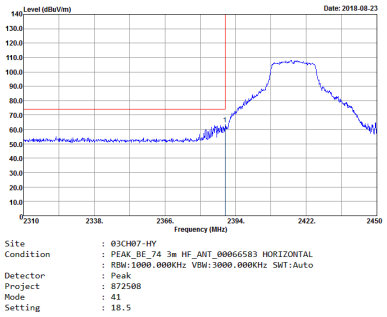
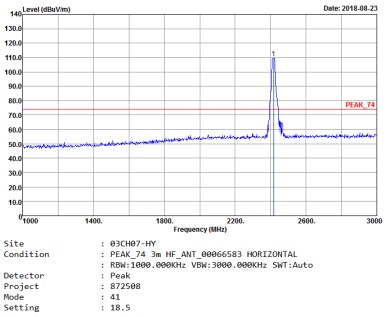
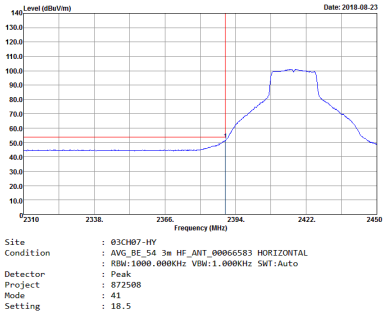
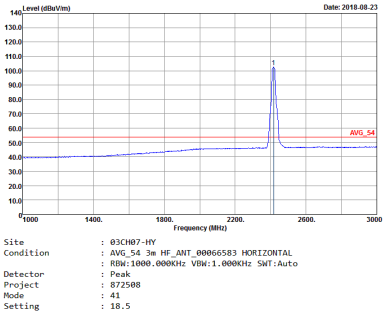
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11g CH11 2462MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 39 |

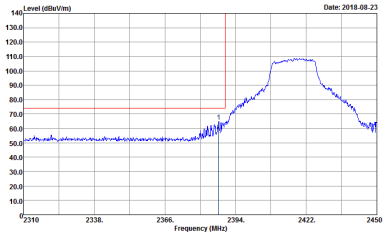
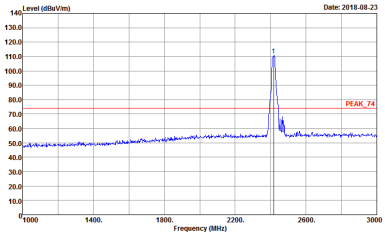
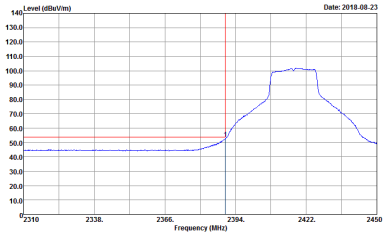
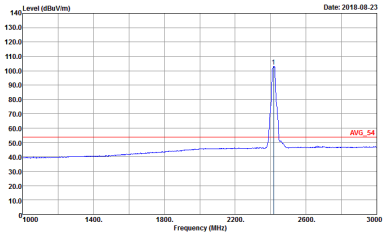
## 2.4GHz 2400~2483.5MHz

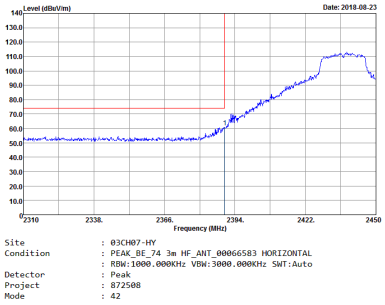
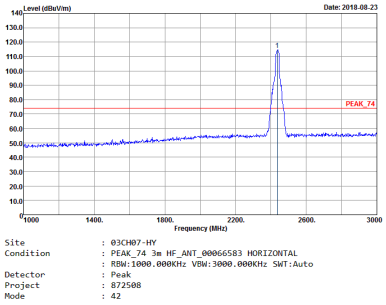
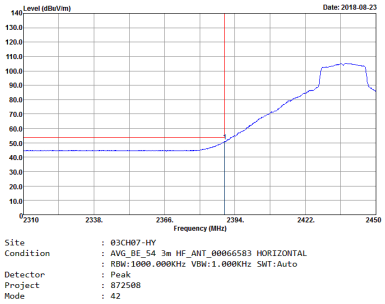
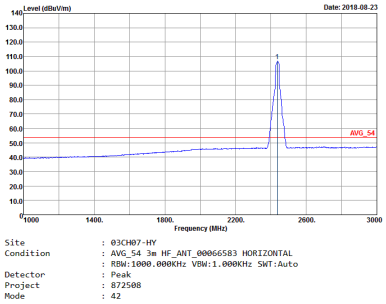
## WIFI 802.11ac VHT20 (Band Edge @ 3m)

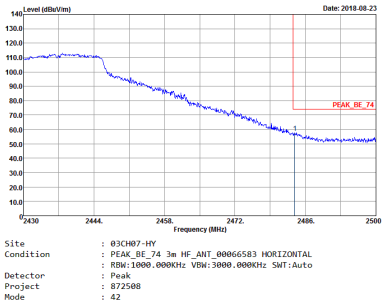
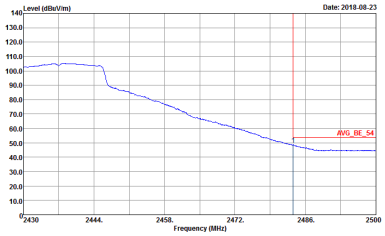
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH01 2412MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |

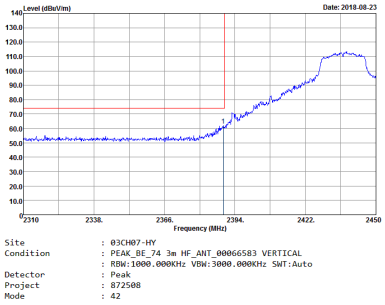
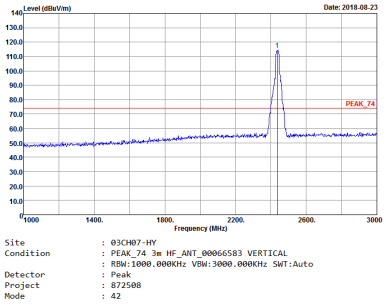
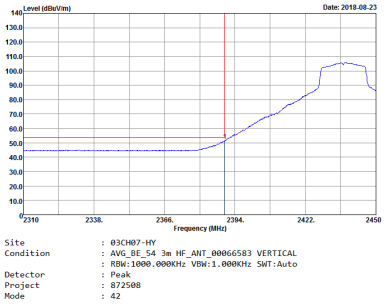
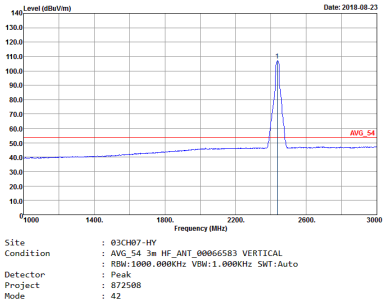
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH01 2412MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 40<br>Setting : 14.5 |

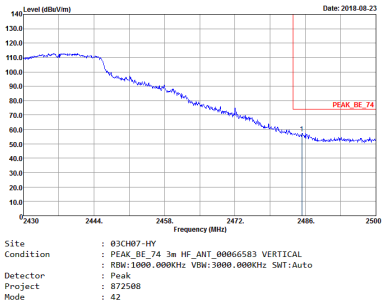
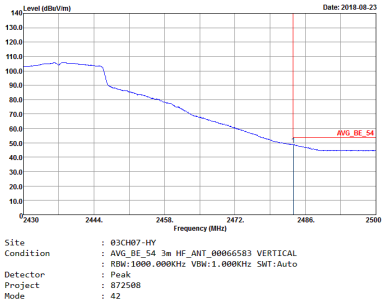
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH02 2417MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |

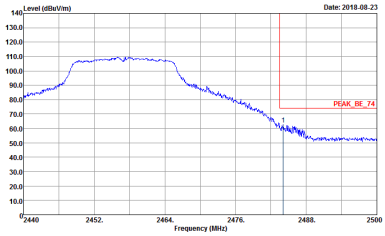
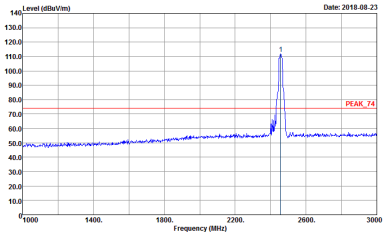
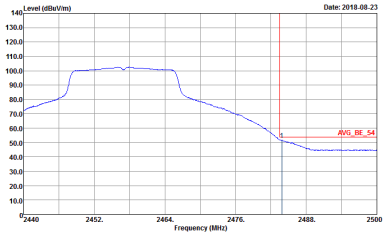
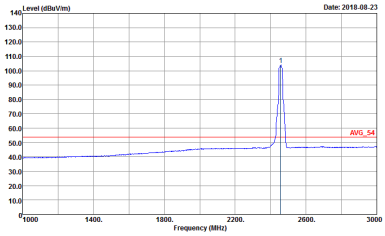
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH02 2417MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 41<br>Setting : 18.5 |

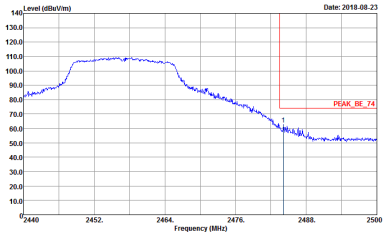
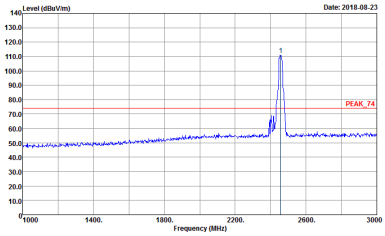
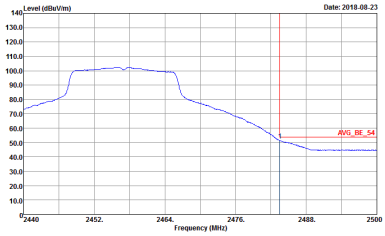
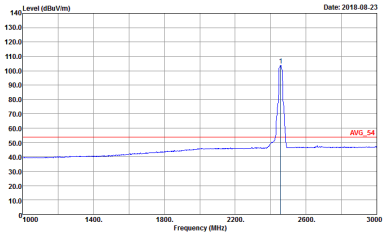
| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VHT20 CH06 2437MHz - L | |
| 2 | Horizontal | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 42 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 42 | Left blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - L | |
| 2 | Vertical | Fundamental |
| Peak |  |  |
| Avg. |  |  |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH06 2437MHz - R | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 42 | Left blank |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 42 | Left blank |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH10 2457MHz | |
| 2 | Horizontal | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 HORIZONTAL<br>: RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |

| WIFI | 2.4GHz 2400~2483.5MHz Band Edge @ 3m | |
|---|---|---|
| ANT | 802.11ac VH20 CH10 2457MHz | |
| 2 | Vertical | Fundamental |
| Peak |  <br>Site : 03CH07-HY<br>Condition : PEAK_BE_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |  <br>Site : 03CH07-HY<br>Condition : PEAK_74 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:3000.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |
| Avg. |  <br>Site : 03CH07-HY<br>Condition : AVG_BE_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |  <br>Site : 03CH07-HY<br>Condition : AVG_54 3m HF_ANT_00066583 VERTICAL<br>RBW:1000.000KHz VBW:1.000KHz SWT:Auto<br>Detector : Peak<br>Project : 872508<br>Mode : 43<br>Setting : 20 |