

**Radiated Spurious Emission Measurement Result 802.11n HT20, 5150~5250 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5180 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBµV                      | dB     | dBµV/m       | dBµV/m       | dB     |
| 61.04    | S       | Peak             | 28.45                     | -13.77 | 14.68        | 40.00        | -25.32 |
| 275.41   | S       | Peak             | 27.74                     | -11.72 | 16.02        | 46.00        | -29.98 |
| 431.58   | S       | Peak             | 27.50                     | -8.98  | 18.52        | 46.00        | -27.48 |
| 543.13   | S       | Peak             | 28.53                     | -7.55  | 20.98        | 46.00        | -25.02 |
| 682.81   | S       | Peak             | 28.16                     | -3.67  | 24.49        | 46.00        | -21.51 |
| 947.62   | S       | Peak             | 27.64                     | 0.16   | 27.80        | 46.00        | -18.20 |
| 10360.00 | H       | Peak             | 26.15                     | 15.55  | 41.70        | 68.30        | -26.60 |
| 15540.00 | H       | ---              |                           |        |              |              |        |
| 20720.00 | H       | ---              |                           |        |              |              |        |
| 25900.00 | H       | ---              |                           |        |              |              |        |
| 31080.00 | H       | ---              |                           |        |              |              |        |
| 36260.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5180 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 49.40    | S       | Peak          | 27.50                  | -12.95 | 14.55     | 40.00     | -25.45 |
| 266.68   | S       | Peak          | 26.98                  | -12.14 | 14.84     | 46.00     | -31.16 |
| 450.01   | S       | Peak          | 27.63                  | -8.42  | 19.21     | 46.00     | -26.79 |
| 554.77   | S       | Peak          | 27.98                  | -7.05  | 20.93     | 46.00     | -25.07 |
| 683.78   | S       | Peak          | 27.87                  | -3.67  | 24.20     | 46.00     | -21.80 |
| 963.14   | S       | Peak          | 28.28                  | 0.20   | 28.48     | 54.00     | -25.52 |
| 10360.00 | H       | Peak          | 26.26                  | 15.55  | 41.81     | 68.30     | -26.49 |
| 15540.00 | H       | ---           |                        |        |           |           |        |
| 20720.00 | H       | ---           |                        |        |           |           |        |
| 25900.00 | H       | ---           |                        |        |           |           |        |
| 31080.00 | H       | ---           |                        |        |           |           |        |
| 36260.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5220 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 52.31    | S       | Peak          | 27.79                  | -13.09 | 14.70     | 40.00     | -25.30 |
| 278.32   | S       | Peak          | 26.39                  | -11.60 | 14.79     | 46.00     | -31.21 |
| 446.13   | S       | Peak          | 27.13                  | -8.57  | 18.56     | 46.00     | -27.44 |
| 558.65   | S       | Peak          | 27.78                  | -6.78  | 21.00     | 46.00     | -25.00 |
| 685.72   | S       | Peak          | 27.55                  | -3.69  | 23.86     | 46.00     | -22.14 |
| 920.46   | S       | Peak          | 28.02                  | -0.29  | 27.73     | 46.00     | -18.27 |
| 10440.00 | H       | Peak          | 26.91                  | 15.28  | 42.19     | 68.30     | -26.11 |
| 15660.00 | H       | ---           |                        |        |           |           |        |
| 20880.00 | H       | ---           |                        |        |           |           |        |
| 26100.00 | H       | ---           |                        |        |           |           |        |
| 31320.00 | H       | ---           |                        |        |           |           |        |
| 36540.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5220 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 45.52    | S       | Peak          | 27.39                  | -13.07 | 14.32     | 40.00     | -25.68 |
| 151.25   | S       | Peak          | 27.36                  | -12.77 | 14.59     | 43.50     | -28.91 |
| 413.15   | S       | Peak          | 28.86                  | -8.91  | 19.95     | 46.00     | -26.05 |
| 559.62   | S       | Peak          | 28.03                  | -6.72  | 21.31     | 46.00     | -24.69 |
| 683.78   | S       | Peak          | 28.04                  | -3.67  | 24.37     | 46.00     | -21.63 |
| 954.41   | S       | Peak          | 27.06                  | 0.20   | 27.26     | 46.00     | -18.74 |
| 10440.00 | H       | Peak          | 26.89                  | 15.28  | 42.17     | 68.30     | -26.13 |
| 15660.00 | H       | ---           |                        |        |           |           |        |
| 20880.00 | H       | ---           |                        |        |           |           |        |
| 26100.00 | H       | ---           |                        |        |           |           |        |
| 31320.00 | H       | ---           |                        |        |           |           |        |
| 36540.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5240 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 89.17    | S       | Peak          | 33.94                  | -18.86 | 15.08     | 43.50     | -28.42 |
| 270.56   | S       | Peak          | 26.50                  | -11.93 | 14.57     | 46.00     | -31.43 |
| 434.49   | S       | Peak          | 27.49                  | -8.92  | 18.57     | 46.00     | -27.43 |
| 558.65   | S       | Peak          | 27.60                  | -6.78  | 20.82     | 46.00     | -25.18 |
| 691.54   | S       | Peak          | 27.95                  | -3.76  | 24.19     | 46.00     | -21.81 |
| 980.60   | S       | Peak          | 27.76                  | 0.01   | 27.77     | 54.00     | -26.23 |
| 10480.00 | H       | Peak          | 26.29                  | 15.69  | 41.98     | 68.30     | -26.32 |
| 15720.00 | H       | ---           |                        |        |           |           |        |
| 20960.00 | H       | ---           |                        |        |           |           |        |
| 26200.00 | H       | ---           |                        |        |           |           |        |
| 31440.00 | H       | ---           |                        |        |           |           |        |
| 36680.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5240 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 48.43    | S       | Peak          | 27.34                  | -12.97 | 14.37     | 40.00     | -25.63 |
| 273.47   | S       | Peak          | 26.78                  | -11.81 | 14.97     | 46.00     | -31.03 |
| 417.03   | S       | Peak          | 28.75                  | -8.92  | 19.83     | 46.00     | -26.17 |
| 517.91   | S       | Peak          | 28.33                  | -7.43  | 20.90     | 46.00     | -25.10 |
| 693.48   | S       | Peak          | 28.15                  | -3.83  | 24.32     | 46.00     | -21.68 |
| 981.57   | S       | Peak          | 27.86                  | 0.01   | 27.87     | 54.00     | -26.13 |
| 10480.00 | H       | Peak          | 26.81                  | 15.69  | 42.50     | 68.30     | -25.80 |
| 15720.00 | H       | ---           |                        |        |           |           |        |
| 20960.00 | H       | ---           |                        |        |           |           |        |
| 26200.00 | H       | ---           |                        |        |           |           |        |
| 31440.00 | H       | ---           |                        |        |           |           |        |
| 36680.00 | H       | ---           |                        |        |           |           |        |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5180 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5150.00 | E       | Average       | 30.33                  | 7.54   | 37.87     | 54.00     | -16.13 |
| 5150.00 | E       | Peak          | 45.62                  | 7.54   | 53.16     | 74.00     | -20.84 |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5180 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5150.00 | E       | Average       | 35.49                  | 7.54   | 43.03     | 54.00     | -10.97 |
| 5150.00 | E       | Peak          | 51.61                  | 7.54   | 59.15     | 74.00     | -14.85 |

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**Radiated Spurious Emission Measurement Result 802.11n HT40, 5150~5250 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5190 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBµV                      | dB     | dBµV/m       | dBµV/m       | dB     |
| 61.04    | S       | Peak             | 29.45                     | -13.77 | 15.68        | 40.00        | -24.32 |
| 256.98   | S       | Peak             | 28.08                     | -12.67 | 15.41        | 46.00        | -30.59 |
| 431.58   | S       | Peak             | 26.50                     | -8.98  | 17.52        | 46.00        | -28.48 |
| 543.13   | S       | Peak             | 29.53                     | -7.55  | 21.98        | 46.00        | -24.02 |
| 682.81   | S       | Peak             | 29.16                     | -3.67  | 25.49        | 46.00        | -20.51 |
| 947.62   | S       | Peak             | 26.64                     | 0.16   | 26.80        | 46.00        | -19.20 |
| 10380.00 | H       | Peak             | 26.36                     | 15.40  | 41.76        | 68.30        | -26.54 |
| 15570.00 | H       | ---              |                           |        |              |              |        |
| 20760.00 | H       | ---              |                           |        |              |              |        |
| 25950.00 | H       | ---              |                           |        |              |              |        |
| 31140.00 | H       | ---              |                           |        |              |              |        |
| 36330.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5190 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 49.40    | S       | Peak          | 28.50                  | -12.95 | 15.55     | 40.00     | -24.45 |
| 266.68   | S       | Peak          | 27.98                  | -12.14 | 15.84     | 46.00     | -30.16 |
| 450.01   | S       | Peak          | 26.63                  | -8.42  | 18.21     | 46.00     | -27.79 |
| 554.77   | S       | Peak          | 28.98                  | -7.05  | 21.93     | 46.00     | -24.07 |
| 683.78   | S       | Peak          | 28.87                  | -3.67  | 25.20     | 46.00     | -20.80 |
| 963.14   | S       | Peak          | 27.28                  | 0.20   | 27.48     | 54.00     | -26.52 |
| 10380.00 | H       | Peak          | 26.57                  | 15.40  | 41.97     | 68.30     | -26.33 |
| 15570.00 | H       | ---           |                        |        |           |           |        |
| 20760.00 | H       | ---           |                        |        |           |           |        |
| 25950.00 | H       | ---           |                        |        |           |           |        |
| 31140.00 | H       | ---           |                        |        |           |           |        |
| 36330.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5230 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 89.17    | S       | Peak          | 34.94                  | -18.86 | 16.08     | 43.50     | -27.42 |
| 270.56   | S       | Peak          | 27.50                  | -11.93 | 15.57     | 46.00     | -30.43 |
| 434.49   | S       | Peak          | 26.49                  | -8.92  | 17.57     | 46.00     | -28.43 |
| 558.65   | S       | Peak          | 28.60                  | -6.78  | 21.82     | 46.00     | -24.18 |
| 691.54   | S       | Peak          | 28.95                  | -3.76  | 25.19     | 46.00     | -20.81 |
| 980.60   | S       | Peak          | 26.76                  | 0.01   | 26.77     | 54.00     | -27.23 |
| 10460.00 | H       | Peak          | 26.41                  | 15.46  | 41.87     | 68.30     | -26.43 |
| 15690.00 | H       | ---           |                        |        |           |           |        |
| 20920.00 | H       | ---           |                        |        |           |           |        |
| 26150.00 | H       | ---           |                        |        |           |           |        |
| 31380.00 | H       | ---           |                        |        |           |           |        |
| 36610.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5230 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 48.43    | S       | Peak          | 28.34                  | -12.97 | 15.37     | 40.00     | -24.63 |
| 170.65   | S       | Peak          | 28.41                  | -12.99 | 15.42     | 43.50     | -28.08 |
| 417.03   | S       | Peak          | 27.75                  | -8.92  | 18.83     | 46.00     | -27.17 |
| 517.91   | S       | Peak          | 29.33                  | -7.43  | 21.90     | 46.00     | -24.10 |
| 693.48   | S       | Peak          | 29.15                  | -3.83  | 25.32     | 46.00     | -20.68 |
| 981.57   | S       | Peak          | 26.86                  | 0.01   | 26.87     | 54.00     | -27.13 |
| 10460.00 | H       | Peak          | 26.57                  | 15.46  | 42.03     | 68.30     | -26.27 |
| 15690.00 | H       | ---           |                        |        |           |           |        |
| 20920.00 | H       | ---           |                        |        |           |           |        |
| 26150.00 | H       | ---           |                        |        |           |           |        |
| 31380.00 | H       | ---           |                        |        |           |           |        |
| 36610.00 | H       | ---           |                        |        |           |           |        |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5190 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5150.00 | E       | Average       | 35.01                  | 7.54   | 42.55     | 54.00     | -11.45 |
| 5150.00 | E       | Peak          | 50.34                  | 7.54   | 57.88     | 74.00     | -16.12 |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5190 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5149.12 | S       | Average       | 40.54                  | 7.54   | 48.08     | 54.00     | -5.92  |
| 5149.12 | S       | Peak          | 59.04                  | 7.54   | 66.58     | 74.00     | -7.42  |
| 5150.00 | E       | Average       | 41.11                  | 7.54   | 48.65     | 54.00     | -5.35  |
| 5150.00 | E       | Peak          | 56.57                  | 7.54   | 64.11     | 74.00     | -9.89  |

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**Radiated Spurious Emission Measurement Result 802.11a, 5250MHz-5350MHz**

|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5260 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector | Spectrum      | Factor | Actual | Limit  | Margin |
|----------|---------|----------|---------------|--------|--------|--------|--------|
| MHz      | F/H/E/S | Mode     | Reading Level | dB     | FS     | @3m    | dB     |
|          |         | PK/QP/AV | dBµV          |        | dBµV/m | dBµV/m |        |
| 49.40    | S       | Peak     | 27.07         | -12.95 | 14.12  | 40.00  | -25.88 |
| 280.26   | S       | Peak     | 26.15         | -11.52 | 14.63  | 46.00  | -31.37 |
| 426.73   | S       | Peak     | 28.17         | -8.98  | 19.19  | 46.00  | -26.81 |
| 519.85   | S       | Peak     | 28.51         | -7.42  | 21.09  | 46.00  | -24.91 |
| 675.05   | S       | Peak     | 28.22         | -3.84  | 24.38  | 46.00  | -21.62 |
| 960.23   | S       | Peak     | 27.58         | 0.21   | 27.79  | 54.00  | -26.21 |
| 10520.00 | H       | Peak     | 26.50         | 15.56  | 42.06  | 68.30  | -26.24 |
| 15780.00 | H       | ---      |               |        |        |        |        |
| 21040.00 | H       | ---      |               |        |        |        |        |
| 26300.00 | H       | ---      |               |        |        |        |        |
| 31560.00 | H       | ---      |               |        |        |        |        |
| 36820.00 | H       | ---      |               |        |        |        |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5260 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 48.43    | S       | Peak          | 27.27                  | -12.97 | 14.30     | 40.00     | -25.70 |
| 271.53   | S       | Peak          | 26.56                  | -11.89 | 14.67     | 46.00     | -31.33 |
| 415.09   | S       | Peak          | 27.66                  | -8.91  | 18.75     | 46.00     | -27.25 |
| 559.62   | S       | Peak          | 28.14                  | -6.72  | 21.42     | 46.00     | -24.58 |
| 679.90   | S       | Peak          | 28.43                  | -3.67  | 24.76     | 46.00     | -21.24 |
| 937.92   | S       | Peak          | 28.01                  | 0.01   | 28.02     | 46.00     | -17.98 |
| 10520.00 | H       | Peak          | 25.72                  | 15.56  | 41.28     | 68.30     | -27.02 |
| 15780.00 | H       | ---           |                        |        |           |           |        |
| 21040.00 | H       | ---           |                        |        |           |           |        |
| 26300.00 | H       | ---           |                        |        |           |           |        |
| 31560.00 | H       | ---           |                        |        |           |           |        |
| 36820.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5300 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 99.84    | S       | Peak          | 32.78                  | -17.86 | 14.92     | 43.50     | -28.58 |
| 163.86   | S       | Peak          | 28.80                  | -12.75 | 16.05     | 43.50     | -27.45 |
| 417.03   | S       | Peak          | 27.88                  | -8.92  | 18.96     | 46.00     | -27.04 |
| 484.93   | S       | Peak          | 28.80                  | -7.72  | 21.08     | 46.00     | -24.92 |
| 674.08   | S       | Peak          | 27.56                  | -3.87  | 23.69     | 46.00     | -22.31 |
| 962.17   | S       | Peak          | 27.60                  | 0.20   | 27.80     | 54.00     | -26.20 |
| 10600.00 | H       | Average       | 21.83                  | 15.83  | 37.66     | 54.00     | -16.34 |
| 10600.00 | H       | Peak          | 26.81                  | 15.83  | 42.64     | 74.00     | -31.36 |
| 15900.00 | H       | ---           |                        |        |           |           |        |
| 21200.00 | H       | ---           |                        |        |           |           |        |
| 26500.00 | H       | ---           |                        |        |           |           |        |
| 31800.00 | H       | ---           |                        |        |           |           |        |
| 37100.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5300 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 48.43    | S       | Peak          | 27.04                  | -12.97 | 14.07     | 40.00     | -25.93 |
| 154.16   | S       | Peak          | 27.17                  | -12.73 | 14.44     | 43.50     | -29.06 |
| 415.09   | S       | Peak          | 28.26                  | -8.91  | 19.35     | 46.00     | -26.65 |
| 518.88   | S       | Peak          | 28.25                  | -7.44  | 20.81     | 46.00     | -25.19 |
| 667.29   | S       | Peak          | 28.89                  | -4.10  | 24.79     | 46.00     | -21.21 |
| 946.65   | S       | Peak          | 27.27                  | 0.14   | 27.41     | 46.00     | -18.59 |
| 10600.00 | H       | Average       | 21.55                  | 15.83  | 37.38     | 54.00     | -16.62 |
| 10600.00 | H       | Peak          | 25.40                  | 15.83  | 41.23     | 74.00     | -32.77 |
| 15900.00 | H       | ---           |                        |        |           |           |        |
| 21200.00 | H       | ---           |                        |        |           |           |        |
| 26500.00 | H       | ---           |                        |        |           |           |        |
| 31800.00 | H       | ---           |                        |        |           |           |        |
| 37100.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5320 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 99.84    | S       | Peak          | 33.85                  | -17.86 | 15.99     | 43.50     | -27.51 |
| 272.50   | S       | Peak          | 26.77                  | -11.85 | 14.92     | 46.00     | -31.08 |
| 439.34   | S       | Peak          | 28.40                  | -8.83  | 19.57     | 46.00     | -26.43 |
| 556.71   | S       | Peak          | 28.49                  | -6.91  | 21.58     | 46.00     | -24.42 |
| 683.78   | S       | Peak          | 27.46                  | -3.67  | 23.79     | 46.00     | -22.21 |
| 980.60   | S       | Peak          | 27.42                  | 0.01   | 27.43     | 54.00     | -26.57 |
| 10640.00 | H       | Average       | 21.65                  | 15.84  | 37.49     | 54.00     | -16.51 |
| 10640.00 | H       | Peak          | 26.20                  | 15.84  | 42.04     | 74.00     | -31.96 |
| 15960.00 | H       | ---           |                        |        |           |           |        |
| 21280.00 | H       | ---           |                        |        |           |           |        |
| 26600.00 | H       | ---           |                        |        |           |           |        |
| 31920.00 | H       | ---           |                        |        |           |           |        |
| 37240.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5320 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 41.64    | S       | Peak          | 27.81                  | -13.32 | 14.49     | 40.00     | -25.51 |
| 247.28   | S       | Peak          | 28.31                  | -13.04 | 15.27     | 46.00     | -30.73 |
| 444.19   | S       | Peak          | 27.74                  | -8.64  | 19.10     | 46.00     | -26.90 |
| 549.92   | S       | Peak          | 28.26                  | -7.38  | 20.88     | 46.00     | -25.12 |
| 677.96   | S       | Peak          | 28.19                  | -3.73  | 24.46     | 46.00     | -21.54 |
| 938.89   | S       | Peak          | 27.78                  | 0.03   | 27.81     | 46.00     | -18.19 |
| 10640.00 | H       | Average       | 21.54                  | 15.84  | 37.38     | 54.00     | -16.62 |
| 10640.00 | H       | Peak          | 25.78                  | 15.84  | 41.62     | 74.00     | -32.38 |
| 15960.00 | H       | ---           |                        |        |           |           |        |
| 21280.00 | H       | ---           |                        |        |           |           |        |
| 26600.00 | H       | ---           |                        |        |           |           |        |
| 31920.00 | H       | ---           |                        |        |           |           |        |
| 37240.00 | H       | ---           |                        |        |           |           |        |

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|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a       | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5320 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 37.41                  | 7.79   | 45.20     | 54.00     | -8.80  |
| 5350.00 | E       | Peak          | 59.88                  | 7.79   | 67.67     | 74.00     | -6.33  |

|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a       | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5320 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 41.33                  | 7.79   | 49.12     | 54.00     | -4.88  |
| 5350.00 | E       | Peak          | 65.11                  | 7.79   | 72.90     | 74.00     | -1.10  |

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**Radiated Spurious Emission Measurement Result 802.11n HT20, 5250~5350 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5260 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBµV                      | dB     | dBµV/m       | dBµV/m       | dB     |
| 42.61    | S       | Peak             | 28.65                     | -13.25 | 15.40        | 40.00        | -24.60 |
| 277.35   | S       | Peak             | 26.56                     | -11.64 | 14.92        | 46.00        | -31.08 |
| 444.19   | S       | Peak             | 27.01                     | -8.64  | 18.37        | 46.00        | -27.63 |
| 519.85   | S       | Peak             | 29.85                     | -7.42  | 22.43        | 46.00        | -23.57 |
| 672.14   | S       | Peak             | 28.11                     | -3.95  | 24.16        | 46.00        | -21.84 |
| 947.62   | S       | Peak             | 28.06                     | 0.16   | 28.22        | 46.00        | -17.78 |
| 10520.00 | H       | Peak             | 26.04                     | 15.56  | 41.60        | 68.30        | -26.70 |
| 15780.00 | H       | ---              |                           |        |              |              |        |
| 21040.00 | H       | ---              |                           |        |              |              |        |
| 26300.00 | H       | ---              |                           |        |              |              |        |
| 31560.00 | H       | ---              |                           |        |              |              |        |
| 36820.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5260 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 60.07    | S       | Peak          | 28.00                  | -13.58 | 14.42     | 40.00     | -25.58 |
| 267.65   | S       | Peak          | 27.02                  | -12.10 | 14.92     | 46.00     | -31.08 |
| 450.01   | S       | Peak          | 27.49                  | -8.42  | 19.07     | 46.00     | -26.93 |
| 516.94   | S       | Peak          | 28.80                  | -7.43  | 21.37     | 46.00     | -24.63 |
| 675.05   | S       | Peak          | 28.19                  | -3.84  | 24.35     | 46.00     | -21.65 |
| 908.82   | S       | Peak          | 27.71                  | -0.54  | 27.17     | 46.00     | -18.83 |
| 10520.00 | H       | Peak          | 27.16                  | 15.56  | 42.72     | 68.30     | -25.58 |
| 15780.00 | H       | ---           |                        |        |           |           |        |
| 21040.00 | H       | ---           |                        |        |           |           |        |
| 26300.00 | H       | ---           |                        |        |           |           |        |
| 31560.00 | H       | ---           |                        |        |           |           |        |
| 36820.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5300 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 89.17    | S       | Peak          | 33.07                  | -18.86 | 14.21     | 43.50     | -29.29 |
| 272.50   | S       | Peak          | 27.11                  | -11.85 | 15.26     | 46.00     | -30.74 |
| 432.55   | S       | Peak          | 27.80                  | -8.96  | 18.84     | 46.00     | -27.16 |
| 511.12   | S       | Peak          | 28.05                  | -7.44  | 20.61     | 46.00     | -25.39 |
| 694.45   | S       | Peak          | 27.77                  | -3.86  | 23.91     | 46.00     | -22.09 |
| 937.92   | S       | Peak          | 27.80                  | 0.01   | 27.81     | 46.00     | -18.19 |
| 10600.00 | H       | Average       | 21.85                  | 15.83  | 37.68     | 54.00     | -16.32 |
| 10600.00 | H       | Peak          | 26.86                  | 15.83  | 42.69     | 74.00     | -31.31 |
| 15900.00 | H       | ---           |                        |        |           |           |        |
| 21200.00 | H       | ---           |                        |        |           |           |        |
| 26500.00 | H       | ---           |                        |        |           |           |        |
| 31800.00 | H       | ---           |                        |        |           |           |        |
| 37100.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5300 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 49.40    | S       | Peak          | 27.14                  | -12.95 | 14.19     | 40.00     | -25.81 |
| 274.44   | S       | Peak          | 26.78                  | -11.76 | 15.02     | 46.00     | -30.98 |
| 412.18   | S       | Peak          | 28.01                  | -8.90  | 19.11     | 46.00     | -26.89 |
| 559.62   | S       | Peak          | 29.47                  | -6.72  | 22.75     | 46.00     | -23.25 |
| 692.51   | S       | Peak          | 28.02                  | -3.79  | 24.23     | 46.00     | -21.77 |
| 942.77   | S       | Peak          | 27.73                  | 0.08   | 27.81     | 46.00     | -18.19 |
| 10600.00 | H       | Average       | 21.74                  | 15.83  | 37.57     | 54.00     | -16.43 |
| 10600.00 | H       | Peak          | 25.57                  | 15.83  | 41.40     | 74.00     | -32.60 |
| 15900.00 | H       | ---           |                        |        |           |           |        |
| 21200.00 | H       | ---           |                        |        |           |           |        |
| 26500.00 | H       | ---           |                        |        |           |           |        |
| 31800.00 | H       | ---           |                        |        |           |           |        |
| 37100.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5320 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 40.67    | S       | Peak          | 28.43                  | -13.39 | 15.04     | 40.00     | -24.96 |
| 168.71   | S       | Peak          | 27.54                  | -12.90 | 14.64     | 43.50     | -28.86 |
| 436.43   | S       | Peak          | 27.87                  | -8.89  | 18.98     | 46.00     | -27.02 |
| 556.71   | S       | Peak          | 27.95                  | -6.91  | 21.04     | 46.00     | -24.96 |
| 684.75   | S       | Peak          | 28.92                  | -3.67  | 25.25     | 46.00     | -20.75 |
| 949.56   | S       | Peak          | 27.79                  | 0.18   | 27.97     | 46.00     | -18.03 |
| 10640.00 | H       | Average       | 21.77                  | 15.84  | 37.61     | 54.00     | -16.39 |
| 10640.00 | H       | Peak          | 25.77                  | 15.84  | 41.61     | 74.00     | -32.39 |
| 15960.00 | H       | ---           |                        |        |           |           |        |
| 21280.00 | H       | ---           |                        |        |           |           |        |
| 26600.00 | H       | ---           |                        |        |           |           |        |
| 31920.00 | H       | ---           |                        |        |           |           |        |
| 37240.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5320 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 35.82    | S       | Peak          | 28.78                  | -13.71 | 15.07     | 40.00     | -24.93 |
| 272.50   | S       | Peak          | 27.27                  | -11.85 | 15.42     | 46.00     | -30.58 |
| 428.67   | S       | Peak          | 27.99                  | -8.99  | 19.00     | 46.00     | -27.00 |
| 547.98   | S       | Peak          | 27.79                  | -7.43  | 20.36     | 46.00     | -25.64 |
| 686.69   | S       | Peak          | 28.04                  | -3.69  | 24.35     | 46.00     | -21.65 |
| 960.23   | S       | Peak          | 27.19                  | 0.21   | 27.40     | 54.00     | -26.60 |
| 10640.00 | H       | Average       | 21.48                  | 15.84  | 37.32     | 54.00     | -16.68 |
| 10640.00 | H       | Peak          | 26.39                  | 15.84  | 42.23     | 74.00     | -31.77 |
| 15960.00 | H       | ---           |                        |        |           |           |        |
| 21280.00 | H       | ---           |                        |        |           |           |        |
| 26600.00 | H       | ---           |                        |        |           |           |        |
| 31920.00 | H       | ---           |                        |        |           |           |        |
| 37240.00 | H       | ---           |                        |        |           |           |        |

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|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5320 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 34.39                  | 7.79   | 42.18     | 54.00     | -11.82 |
| 5350.00 | E       | Peak          | 54.60                  | 7.79   | 62.39     | 74.00     | -11.61 |

|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5320 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 36.98                  | 7.79   | 44.77     | 54.00     | -9.23  |
| 5350.00 | E       | Peak          | 58.69                  | 7.79   | 66.48     | 74.00     | -7.52  |

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**Radiated Spurious Emission Measurement Result 802.11n HT40, 5250~5350 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5270 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBµV                      | dB     | dBµV/m       | dBµV/m       | dB     |
| 42.61    | S       | Peak             | 29.65                     | -13.25 | 16.40        | 40.00        | -23.60 |
| 160.95   | S       | Peak             | 28.31                     | -12.66 | 15.65        | 43.50        | -27.85 |
| 444.19   | S       | Peak             | 26.01                     | -8.64  | 17.37        | 46.00        | -28.63 |
| 519.85   | S       | Peak             | 30.85                     | -7.42  | 23.43        | 46.00        | -22.57 |
| 672.14   | S       | Peak             | 29.11                     | -3.95  | 25.16        | 46.00        | -20.84 |
| 947.62   | S       | Peak             | 27.06                     | 0.16   | 27.22        | 46.00        | -18.78 |
| 10540.00 | H       | Peak             | 26.64                     | 15.47  | 42.11        | 68.30        | -26.19 |
| 15810.00 | H       | ---              |                           |        |              |              |        |
| 21080.00 | H       | ---              |                           |        |              |              |        |
| 26350.00 | H       | ---              |                           |        |              |              |        |
| 31620.00 | H       | ---              |                           |        |              |              |        |
| 36890.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5270 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 60.07    | S       | Peak          | 29.00                  | -13.58 | 15.42     | 40.00     | -24.58 |
| 267.65   | S       | Peak          | 28.02                  | -12.10 | 15.92     | 46.00     | -30.08 |
| 450.01   | S       | Peak          | 26.49                  | -8.42  | 18.07     | 46.00     | -27.93 |
| 516.94   | S       | Peak          | 29.80                  | -7.43  | 22.37     | 46.00     | -23.63 |
| 675.05   | S       | Peak          | 29.19                  | -3.84  | 25.35     | 46.00     | -20.65 |
| 908.82   | S       | Peak          | 26.71                  | -0.54  | 26.17     | 46.00     | -19.83 |
| 10540.00 | H       | Peak          | 25.99                  | 15.47  | 41.46     | 68.30     | -26.84 |
| 15810.00 | H       | ---           |                        |        |           |           |        |
| 21080.00 | H       | ---           |                        |        |           |           |        |
| 26350.00 | H       | ---           |                        |        |           |           |        |
| 31620.00 | H       | ---           |                        |        |           |           |        |
| 36890.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5310 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 40.67    | S       | Peak          | 29.43                  | -13.39 | 16.04     | 40.00     | -23.96 |
| 168.71   | S       | Peak          | 28.54                  | -12.90 | 15.64     | 43.50     | -27.86 |
| 436.43   | S       | Peak          | 26.87                  | -8.89  | 17.98     | 46.00     | -28.02 |
| 556.71   | S       | Peak          | 28.95                  | -6.91  | 22.04     | 46.00     | -23.96 |
| 684.75   | S       | Peak          | 29.92                  | -3.67  | 26.25     | 46.00     | -19.75 |
| 949.56   | S       | Peak          | 26.79                  | 0.18   | 26.97     | 46.00     | -19.03 |
| 10620.00 | H       | Average       | 21.38                  | 15.84  | 37.22     | 54.00     | -16.78 |
| 10620.00 | H       | Peak          | 25.97                  | 15.84  | 41.81     | 74.00     | -32.19 |
| 15930.00 | H       | ---           |                        |        |           |           |        |
| 21240.00 | H       | ---           |                        |        |           |           |        |
| 26550.00 | H       | ---           |                        |        |           |           |        |
| 31860.00 | H       | ---           |                        |        |           |           |        |
| 37170.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5310 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 35.82    | S       | Peak          | 29.78                  | -13.71 | 16.07     | 40.00     | -23.93 |
| 262.80   | S       | Peak          | 28.11                  | -12.39 | 15.72     | 46.00     | -30.28 |
| 428.67   | S       | Peak          | 26.99                  | -8.99  | 18.00     | 46.00     | -28.00 |
| 547.98   | S       | Peak          | 28.79                  | -7.43  | 21.36     | 46.00     | -24.64 |
| 686.69   | S       | Peak          | 29.04                  | -3.69  | 25.35     | 46.00     | -20.65 |
| 960.23   | S       | Peak          | 26.19                  | 0.21   | 26.40     | 54.00     | -27.60 |
| 10620.00 | H       | Average       | 21.74                  | 15.84  | 37.58     | 54.00     | -16.42 |
| 10620.00 | H       | Peak          | 25.74                  | 15.84  | 41.58     | 74.00     | -32.42 |
| 15930.00 | H       | ---           |                        |        |           |           |        |
| 21240.00 | H       | ---           |                        |        |           |           |        |
| 26550.00 | H       | ---           |                        |        |           |           |        |
| 31860.00 | H       | ---           |                        |        |           |           |        |
| 37170.00 | H       | ---           |                        |        |           |           |        |

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Operation Band :802.11 n40M Test Date :2014-03-18  
 Fundamental Frequency :5310 MHz Temp./Humi. :20.1 deg\_C /52 RH  
 Operation Mode :Band Edge HIGH Engineer :Curry  
 EUT Pol. :H Plane Measurement Antenna Pol. :VERTICAL

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 36.23                  | 7.79   | 44.02     | 54.00     | -9.98  |
| 5350.00 | E       | Peak          | 56.64                  | 7.79   | 64.43     | 74.00     | -9.57  |
| 5351.48 | S       | Average       | 36.09                  | 7.78   | 43.87     | 54.00     | -10.13 |
| 5351.48 | S       | Peak          | 59.34                  | 7.78   | 67.12     | 74.00     | -6.88  |

Operation Band :802.11 n40M Test Date :2014-03-18  
 Fundamental Frequency :5310 MHz Temp./Humi. :20.1 deg\_C /52 RH  
 Operation Mode :Band Edge HIGH Engineer :Curry  
 EUT Pol. :H Plane Measurement Antenna Pol. :HORIZONTAL

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5350.00 | E       | Average       | 40.88                  | 7.79   | 48.67     | 54.00     | -5.33  |
| 5350.00 | E       | Peak          | 65.14                  | 7.79   | 72.93     | 74.00     | -1.07  |

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**Radiated Spurious Emission Measurement Result 802.11a, 5470~5725 MHz**

|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 99.84    | S       | Peak          | 32.32                  | -17.86 | 14.46     | 43.50     | -29.04 |
| 270.56   | S       | Peak          | 26.64                  | -11.93 | 14.71     | 46.00     | -31.29 |
| 424.79   | S       | Peak          | 28.17                  | -8.96  | 19.21     | 46.00     | -26.79 |
| 511.12   | S       | Peak          | 29.05                  | -7.44  | 21.61     | 46.00     | -24.39 |
| 676.99   | S       | Peak          | 27.62                  | -3.78  | 23.84     | 46.00     | -22.16 |
| 949.56   | S       | Peak          | 28.30                  | 0.18   | 28.48     | 46.00     | -17.52 |
| 11000.00 | H       | Average       | 21.58                  | 16.70  | 38.28     | 54.00     | -15.72 |
| 11000.00 | H       | Peak          | 25.95                  | 16.70  | 42.65     | 74.00     | -31.35 |
| 16500.00 | H       | ---           |                        |        |           |           |        |
| 22000.00 | H       | ---           |                        |        |           |           |        |
| 27500.00 | H       | ---           |                        |        |           |           |        |
| 33000.00 | H       | ---           |                        |        |           |           |        |
| 38500.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 52.31    | S       | Peak          | 27.19                  | -13.09 | 14.10     | 40.00     | -25.90 |
| 158.04   | S       | Peak          | 27.36                  | -12.66 | 14.70     | 43.50     | -28.80 |
| 450.01   | S       | Peak          | 27.53                  | -8.42  | 19.11     | 46.00     | -26.89 |
| 557.68   | S       | Peak          | 28.51                  | -6.84  | 21.67     | 46.00     | -24.33 |
| 662.44   | S       | Peak          | 28.25                  | -4.25  | 24.00     | 46.00     | -22.00 |
| 964.11   | S       | Peak          | 28.06                  | 0.20   | 28.26     | 54.00     | -25.74 |
| 11000.00 | H       | Average       | 21.58                  | 16.70  | 38.28     | 54.00     | -15.72 |
| 11000.00 | H       | Peak          | 25.76                  | 16.70  | 42.46     | 74.00     | -31.54 |
| 16500.00 | H       | ---           |                        |        |           |           |        |
| 22000.00 | H       | ---           |                        |        |           |           |        |
| 27500.00 | H       | ---           |                        |        |           |           |        |
| 33000.00 | H       | ---           |                        |        |           |           |        |
| 38500.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5580 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 34.85    | S       | Peak          | 28.24                  | -13.77 | 14.47     | 40.00     | -25.53 |
| 160.95   | S       | Peak          | 27.39                  | -12.66 | 14.73     | 43.50     | -28.77 |
| 427.70   | S       | Peak          | 27.72                  | -8.98  | 18.74     | 46.00     | -27.26 |
| 507.24   | S       | Peak          | 28.25                  | -7.46  | 20.79     | 46.00     | -25.21 |
| 687.66   | S       | Peak          | 27.80                  | -3.69  | 24.11     | 46.00     | -21.89 |
| 955.38   | S       | Peak          | 27.07                  | 0.19   | 27.26     | 46.00     | -18.74 |
| 11160.00 | H       | Average       | 21.65                  | 16.97  | 38.62     | 54.00     | -15.38 |
| 11160.00 | H       | Peak          | 25.58                  | 16.97  | 42.55     | 74.00     | -31.45 |
| 16740.00 | H       | ---           |                        |        |           |           |        |
| 22320.00 | H       | ---           |                        |        |           |           |        |
| 27900.00 | H       | ---           |                        |        |           |           |        |
| 33480.00 | H       | ---           |                        |        |           |           |        |
| 39060.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5580 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 43.58    | S       | Peak          | 26.88                  | -13.17 | 13.71     | 40.00     | -26.29 |
| 159.98   | S       | Peak          | 27.61                  | -12.63 | 14.98     | 43.50     | -28.52 |
| 401.51   | S       | Peak          | 27.67                  | -9.12  | 18.55     | 46.00     | -27.45 |
| 520.82   | S       | Peak          | 29.01                  | -7.44  | 21.57     | 46.00     | -24.43 |
| 689.60   | S       | Peak          | 28.52                  | -3.70  | 24.82     | 46.00     | -21.18 |
| 926.28   | S       | Peak          | 27.57                  | -0.18  | 27.39     | 46.00     | -18.61 |
| 11160.00 | H       | Average       | 21.88                  | 16.97  | 38.85     | 54.00     | -15.15 |
| 11160.00 | H       | Peak          | 25.88                  | 16.97  | 42.85     | 74.00     | -31.15 |
| 16740.00 | H       | ---           |                        |        |           |           |        |
| 22320.00 | H       | ---           |                        |        |           |           |        |
| 27900.00 | H       | ---           |                        |        |           |           |        |
| 33480.00 | H       | ---           |                        |        |           |           |        |
| 39060.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5700 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 41.64    | S       | Peak          | 28.43                  | -13.32 | 15.11     | 40.00     | -24.89 |
| 172.59   | S       | Peak          | 27.93                  | -13.17 | 14.76     | 43.50     | -28.74 |
| 429.64   | S       | Peak          | 28.78                  | -8.99  | 19.79     | 46.00     | -26.21 |
| 515.97   | S       | Peak          | 28.73                  | -7.44  | 21.29     | 46.00     | -24.71 |
| 668.26   | S       | Peak          | 28.61                  | -4.08  | 24.53     | 46.00     | -21.47 |
| 959.26   | S       | Peak          | 28.01                  | 0.21   | 28.22     | 46.00     | -17.78 |
| 11400.00 | H       | Average       | 22.03                  | 17.51  | 39.54     | 54.00     | -14.46 |
| 11400.00 | H       | Peak          | 26.65                  | 17.51  | 44.16     | 74.00     | -29.84 |
| 17100.00 | H       | ---           |                        |        |           |           |        |
| 22800.00 | H       | ---           |                        |        |           |           |        |
| 28500.00 | H       | ---           |                        |        |           |           |        |
| 34200.00 | H       | ---           |                        |        |           |           |        |
| 39900.00 | H       | ---           |                        |        |           |           |        |

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|                       |           |                          |                     |
|-----------------------|-----------|--------------------------|---------------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5700 MHz | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane  | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 51.34    | S       | Peak          | 27.01                  | -13.03 | 13.98     | 40.00     | -26.02 |
| 280.26   | S       | Peak          | 26.74                  | -11.52 | 15.22     | 46.00     | -30.78 |
| 422.85   | S       | Peak          | 27.85                  | -8.94  | 18.91     | 46.00     | -27.09 |
| 559.62   | S       | Peak          | 28.05                  | -6.72  | 21.33     | 46.00     | -24.67 |
| 686.69   | S       | Peak          | 28.33                  | -3.69  | 24.64     | 46.00     | -21.36 |
| 937.92   | S       | Peak          | 27.33                  | 0.01   | 27.34     | 46.00     | -18.66 |
| 11400.00 | H       | Average       | 22.01                  | 17.51  | 39.52     | 54.00     | -14.48 |
| 11400.00 | H       | Peak          | 25.80                  | 17.51  | 43.31     | 74.00     | -30.69 |
| 17100.00 | H       | ---           |                        |        |           |           |        |
| 22800.00 | H       | ---           |                        |        |           |           |        |
| 28500.00 | H       | ---           |                        |        |           |           |        |
| 34200.00 | H       | ---           |                        |        |           |           |        |
| 39900.00 | H       | ---           |                        |        |           |           |        |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a      | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5447.00 | S       | Average       | 36.54                  | 7.87   | 44.41     | 54.00     | -9.59  |
| 5447.00 | S       | Peak          | 49.55                  | 7.87   | 57.42     | 74.00     | -16.58 |
| 5460.00 | E       | Average       | 33.11                  | 7.87   | 40.98     | 54.00     | -13.02 |
| 5460.00 | E       | Peak          | 49.22                  | 7.87   | 57.09     | 74.00     | -16.91 |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a      | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5460.00 | E       | Average       | 31.99                  | 7.87   | 39.86     | 54.00     | -14.14 |
| 5460.00 | E       | Peak          | 47.66                  | 7.87   | 55.53     | 74.00     | -18.47 |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a      | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 59.39                  | 7.89   | 67.28     | 68.30     | -1.02  |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a      | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 55.61                  | 7.89   | 63.50     | 68.30     | -4.80  |

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|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a       | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 59.36                  | 8.29   | 67.65     | 68.30     | -0.65  |

|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 a       | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 50.42                  | 8.29   | 58.71     | 68.30     | -9.59  |

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**Radiated Spurious Emission Measurement Result 802.11n HT20, 5470~5725 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBμV                      | dB     | dBμV/m       | dBμV/m       | dB     |
| 99.84    | S       | Peak             | 33.37                     | -17.86 | 15.51        | 43.50        | -27.99 |
| 159.01   | S       | Peak             | 27.63                     | -12.65 | 14.98        | 43.50        | -28.52 |
| 448.07   | S       | Peak             | 27.40                     | -8.50  | 18.90        | 46.00        | -27.10 |
| 540.22   | S       | Peak             | 28.93                     | -7.63  | 21.30        | 46.00        | -24.70 |
| 669.23   | S       | Peak             | 28.01                     | -4.05  | 23.96        | 46.00        | -22.04 |
| 957.32   | S       | Peak             | 27.00                     | 0.20   | 27.20        | 46.00        | -18.80 |
| 11000.00 | H       | Average          | 21.56                     | 16.70  | 38.26        | 54.00        | -15.74 |
| 11000.00 | H       | Peak             | 25.67                     | 16.70  | 42.37        | 74.00        | -31.63 |
| 16500.00 | H       | ---              |                           |        |              |              |        |
| 22000.00 | H       | ---              |                           |        |              |              |        |
| 27500.00 | H       | ---              |                           |        |              |              |        |
| 33000.00 | H       | ---              |                           |        |              |              |        |
| 38500.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 44.55    | S       | Peak          | 27.90                  | -13.11 | 14.79     | 40.00     | -25.21 |
| 277.35   | S       | Peak          | 26.64                  | -11.64 | 15.00     | 46.00     | -31.00 |
| 426.73   | S       | Peak          | 28.02                  | -8.98  | 19.04     | 46.00     | -26.96 |
| 557.68   | S       | Peak          | 28.07                  | -6.84  | 21.23     | 46.00     | -24.77 |
| 682.81   | S       | Peak          | 28.00                  | -3.67  | 24.33     | 46.00     | -21.67 |
| 930.16   | S       | Peak          | 27.91                  | -0.13  | 27.78     | 46.00     | -18.22 |
| 11000.00 | H       | Average       | 21.64                  | 16.70  | 38.34     | 54.00     | -15.66 |
| 11000.00 | H       | Peak          | 26.66                  | 16.70  | 43.36     | 74.00     | -30.64 |
| 16500.00 | H       | ---           |                        |        |           |           |        |
| 22000.00 | H       | ---           |                        |        |           |           |        |
| 27500.00 | H       | ---           |                        |        |           |           |        |
| 33000.00 | H       | ---           |                        |        |           |           |        |
| 38500.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5580 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 89.17    | S       | Peak          | 33.99                  | -18.86 | 15.13     | 43.50     | -28.37 |
| 250.19   | S       | Peak          | 27.73                  | -12.96 | 14.77     | 46.00     | -31.23 |
| 447.10   | S       | Peak          | 27.72                  | -8.53  | 19.19     | 46.00     | -26.81 |
| 556.71   | S       | Peak          | 28.31                  | -6.91  | 21.40     | 46.00     | -24.60 |
| 690.57   | S       | Peak          | 28.23                  | -3.72  | 24.51     | 46.00     | -21.49 |
| 965.08   | S       | Peak          | 28.04                  | 0.19   | 28.23     | 54.00     | -25.77 |
| 11160.00 | H       | Average       | 21.78                  | 16.97  | 38.75     | 54.00     | -15.25 |
| 11160.00 | H       | Peak          | 25.54                  | 16.97  | 42.51     | 74.00     | -31.49 |
| 16740.00 | H       | ---           |                        |        |           |           |        |
| 22320.00 | H       | ---           |                        |        |           |           |        |
| 27900.00 | H       | ---           |                        |        |           |           |        |
| 33480.00 | H       | ---           |                        |        |           |           |        |
| 39060.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5580 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 39.70    | S       | Peak          | 27.96                  | -13.45 | 14.51     | 40.00     | -25.49 |
| 278.32   | S       | Peak          | 26.83                  | -11.60 | 15.23     | 46.00     | -30.77 |
| 428.67   | S       | Peak          | 27.40                  | -8.99  | 18.41     | 46.00     | -27.59 |
| 546.04   | S       | Peak          | 28.36                  | -7.48  | 20.88     | 46.00     | -25.12 |
| 690.57   | S       | Peak          | 28.21                  | -3.72  | 24.49     | 46.00     | -21.51 |
| 927.25   | S       | Peak          | 28.76                  | -0.17  | 28.59     | 46.00     | -17.41 |
| 11160.00 | H       | Average       | 21.55                  | 16.97  | 38.52     | 54.00     | -15.48 |
| 11160.00 | H       | Peak          | 25.78                  | 16.97  | 42.75     | 74.00     | -31.25 |
| 16740.00 | H       | ---           |                        |        |           |           |        |
| 22320.00 | H       | ---           |                        |        |           |           |        |
| 27900.00 | H       | ---           |                        |        |           |           |        |
| 33480.00 | H       | ---           |                        |        |           |           |        |
| 39060.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5700 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 99.84    | S       | Peak          | 32.52                  | -17.86 | 14.66     | 43.50     | -28.84 |
| 264.74   | S       | Peak          | 26.94                  | -12.27 | 14.67     | 46.00     | -31.33 |
| 449.04   | S       | Peak          | 26.99                  | -8.45  | 18.54     | 46.00     | -27.46 |
| 553.80   | S       | Peak          | 28.54                  | -7.12  | 21.42     | 46.00     | -24.58 |
| 676.02   | S       | Peak          | 27.71                  | -3.81  | 23.90     | 46.00     | -22.10 |
| 957.32   | S       | Peak          | 27.68                  | 0.20   | 27.88     | 46.00     | -18.12 |
| 11400.00 | H       | Average       | 22.12                  | 17.51  | 39.63     | 54.00     | -14.37 |
| 11400.00 | H       | Peak          | 26.11                  | 17.51  | 43.62     | 74.00     | -30.38 |
| 17100.00 | H       | ---           |                        |        |           |           |        |
| 22800.00 | H       | ---           |                        |        |           |           |        |
| 28500.00 | H       | ---           |                        |        |           |           |        |
| 34200.00 | H       | ---           |                        |        |           |           |        |
| 39900.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n20M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5700 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 44.55    | S       | Peak          | 27.18                  | -13.11 | 14.07     | 40.00     | -25.93 |
| 276.38   | S       | Peak          | 27.02                  | -11.68 | 15.34     | 46.00     | -30.66 |
| 443.22   | S       | Peak          | 28.30                  | -8.69  | 19.61     | 46.00     | -26.39 |
| 554.77   | S       | Peak          | 27.89                  | -7.05  | 20.84     | 46.00     | -25.16 |
| 684.75   | S       | Peak          | 28.23                  | -3.67  | 24.56     | 46.00     | -21.44 |
| 927.25   | S       | Peak          | 27.80                  | -0.17  | 27.63     | 46.00     | -18.37 |
| 11400.00 | H       | Average       | 22.09                  | 17.51  | 39.60     | 54.00     | -14.40 |
| 11400.00 | H       | Peak          | 25.97                  | 17.51  | 43.48     | 74.00     | -30.52 |
| 17100.00 | H       | ---           |                        |        |           |           |        |
| 22800.00 | H       | ---           |                        |        |           |           |        |
| 28500.00 | H       | ---           |                        |        |           |           |        |
| 34200.00 | H       | ---           |                        |        |           |           |        |
| 39900.00 | H       | ---           |                        |        |           |           |        |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5460.00 | E       | Average       | 30.46                  | 7.87   | 38.33     | 54.00     | -15.67 |
| 5460.00 | E       | Peak          | 46.67                  | 7.87   | 54.54     | 74.00     | -19.46 |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5460.00 | E       | Average       | 30.37                  | 7.87   | 38.24     | 54.00     | -15.76 |
| 5460.00 | E       | Peak          | 44.13                  | 7.87   | 52.00     | 74.00     | -22.00 |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 51.91                  | 7.89   | 59.80     | 68.30     | -8.50  |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 47.79                  | 7.89   | 55.68     | 68.30     | -12.62 |

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|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 58.99                  | 8.29   | 67.28     | 68.30     | -1.02  |

|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n20M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 49.55                  | 8.29   | 57.84     | 68.30     | -10.46 |

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**Radiated Spurious Emission Measurement Result 802.11n HT40, 5470~5725 MHz**

|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5510 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector<br>Mode | Spectrum<br>Reading Level | Factor | Actual<br>FS | Limit<br>@3m | Margin |
|----------|---------|------------------|---------------------------|--------|--------------|--------------|--------|
| MHz      | F/H/E/S | PK/QP/AV         | dBµV                      | dB     | dBµV/m       | dBµV/m       | dB     |
| 99.84    | S       | Peak             | 34.37                     | -17.86 | 16.51        | 43.50        | -26.99 |
| 159.01   | S       | Peak             | 28.63                     | -12.65 | 15.98        | 43.50        | -27.52 |
| 448.07   | S       | Peak             | 26.40                     | -8.50  | 17.90        | 46.00        | -28.10 |
| 540.22   | S       | Peak             | 29.93                     | -7.63  | 22.30        | 46.00        | -23.70 |
| 669.23   | S       | Peak             | 29.01                     | -4.05  | 24.96        | 46.00        | -21.04 |
| 742.95   | S       | Peak             | 29.67                     | -3.00  | 26.67        | 46.00        | -19.33 |
| 11020.00 | H       | Average          | 21.48                     | 16.71  | 38.19        | 54.00        | -15.81 |
| 11020.00 | H       | Peak             | 25.26                     | 16.71  | 41.97        | 74.00        | -32.03 |
| 16530.00 | H       | ---              |                           |        |              |              |        |
| 22040.00 | H       | ---              |                           |        |              |              |        |
| 27550.00 | H       | ---              |                           |        |              |              |        |
| 33060.00 | H       | ---              |                           |        |              |              |        |
| 38570.00 | H       | ---              |                           |        |              |              |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5510 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX LOW      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 44.55    | S       | Peak          | 28.90                  | -13.11 | 15.79     | 40.00     | -24.21 |
| 263.77   | S       | Peak          | 27.70                  | -12.33 | 15.37     | 46.00     | -30.63 |
| 426.73   | S       | Peak          | 27.02                  | -8.98  | 18.04     | 46.00     | -27.96 |
| 557.68   | S       | Peak          | 29.07                  | -6.84  | 22.23     | 46.00     | -23.77 |
| 682.81   | S       | Peak          | 29.00                  | -3.67  | 25.33     | 46.00     | -20.67 |
| 930.16   | S       | Peak          | 26.91                  | -0.13  | 26.78     | 46.00     | -19.22 |
| 11020.00 | H       | Average       | 21.59                  | 16.71  | 38.30     | 54.00     | -15.70 |
| 11020.00 | H       | Peak          | 25.56                  | 16.71  | 42.27     | 74.00     | -31.73 |
| 16530.00 | H       | ---           |                        |        |           |           |        |
| 22040.00 | H       | ---           |                        |        |           |           |        |
| 27550.00 | H       | ---           |                        |        |           |           |        |
| 33060.00 | H       | ---           |                        |        |           |           |        |
| 38570.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 89.17    | S       | Peak          | 34.99                  | -18.86 | 16.13     | 43.50     | -27.37 |
| 250.19   | S       | Peak          | 28.73                  | -12.96 | 15.77     | 46.00     | -30.23 |
| 447.10   | S       | Peak          | 26.72                  | -8.53  | 18.19     | 46.00     | -27.81 |
| 556.71   | S       | Peak          | 29.31                  | -6.91  | 22.40     | 46.00     | -23.60 |
| 690.57   | S       | Peak          | 29.23                  | -3.72  | 25.51     | 46.00     | -20.49 |
| 965.08   | S       | Peak          | 27.04                  | 0.19   | 27.23     | 54.00     | -26.77 |
| 11100.00 | H       | Average       | 21.67                  | 16.80  | 38.47     | 54.00     | -15.53 |
| 11100.00 | H       | Peak          | 25.11                  | 16.80  | 41.91     | 74.00     | -32.09 |
| 16650.00 | H       | ---           |                        |        |           |           |        |
| 22200.00 | H       | ---           |                        |        |           |           |        |
| 27750.00 | H       | ---           |                        |        |           |           |        |
| 33300.00 | H       | ---           |                        |        |           |           |        |
| 38850.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5500 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX MID      | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 39.70    | S       | Peak          | 28.96                  | -13.45 | 15.51     | 40.00     | -24.49 |
| 265.71   | S       | Peak          | 28.25                  | -12.21 | 16.04     | 46.00     | -29.96 |
| 428.67   | S       | Peak          | 26.40                  | -8.99  | 17.41     | 46.00     | -28.59 |
| 546.04   | S       | Peak          | 29.36                  | -7.48  | 21.88     | 46.00     | -24.12 |
| 690.57   | S       | Peak          | 29.21                  | -3.72  | 25.49     | 46.00     | -20.51 |
| 927.25   | S       | Peak          | 27.76                  | -0.17  | 27.59     | 46.00     | -18.41 |
| 11100.00 | H       | Average       | 21.87                  | 16.80  | 38.67     | 54.00     | -15.33 |
| 11100.00 | H       | Peak          | 24.76                  | 16.80  | 41.56     | 74.00     | -32.44 |
| 16650.00 | H       | ---           |                        |        |           |           |        |
| 22200.00 | H       | ---           |                        |        |           |           |        |
| 27750.00 | H       | ---           |                        |        |           |           |        |
| 33300.00 | H       | ---           |                        |        |           |           |        |
| 38850.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5670 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :VERTICAL           |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 99.84    | S       | Peak          | 33.52                  | -17.86 | 15.66     | 43.50     | -27.84 |
| 264.74   | S       | Peak          | 27.94                  | -12.27 | 15.67     | 46.00     | -30.33 |
| 449.04   | S       | Peak          | 25.99                  | -8.45  | 17.54     | 46.00     | -28.46 |
| 553.80   | S       | Peak          | 29.54                  | -7.12  | 22.42     | 46.00     | -23.58 |
| 676.02   | S       | Peak          | 28.71                  | -3.81  | 24.90     | 46.00     | -21.10 |
| 957.32   | S       | Peak          | 26.68                  | 0.20   | 26.88     | 46.00     | -19.12 |
| 11340.00 | H       | Average       | 21.69                  | 17.32  | 39.01     | 54.00     | -14.99 |
| 11340.00 | H       | Peak          | 24.76                  | 17.32  | 42.08     | 74.00     | -31.92 |
| 17010.00 | H       | ---           |                        |        |           |           |        |
| 22680.00 | H       | ---           |                        |        |           |           |        |
| 28350.00 | H       | ---           |                        |        |           |           |        |
| 34020.00 | H       | ---           |                        |        |           |           |        |
| 39690.00 | H       | ---           |                        |        |           |           |        |

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|                       |              |                          |                     |
|-----------------------|--------------|--------------------------|---------------------|
| Operation Band        | :802.11 n40M | Test Date                | :2014-03-19         |
| Fundamental Frequency | :5670 MHz    | Temp./Humi.              | :22.1 deg_C / 68 RH |
| Operation Mode        | :TX HIGH     | Engineer                 | :Allen              |
| EUT Pol.              | :H Plane     | Measurement Antenna Pol. | :HORIZONTAL         |

Actual FS(dBμV/m) = SPA. Reading level(dBμV) + Factor(dB)

Factor(dB) = Antenna Factor(dBμV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

| Freq.    | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|----------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz      | F/H/E/S | PK/QP/AV      | dBμV                   | dB     | dBμV/m    | dBμV/m    | dB     |
| 44.55    | S       | Peak          | 28.18                  | -13.11 | 15.07     | 40.00     | -24.93 |
| 171.62   | S       | Peak          | 28.28                  | -13.08 | 15.20     | 43.50     | -28.30 |
| 443.22   | S       | Peak          | 27.30                  | -8.69  | 18.61     | 46.00     | -27.39 |
| 554.77   | S       | Peak          | 28.89                  | -7.05  | 21.84     | 46.00     | -24.16 |
| 684.75   | S       | Peak          | 29.23                  | -3.67  | 25.56     | 46.00     | -20.44 |
| 927.25   | S       | Peak          | 26.80                  | -0.17  | 26.63     | 46.00     | -19.37 |
| 11340.00 | H       | Average       | 22.06                  | 17.32  | 39.38     | 54.00     | -14.62 |
| 11340.00 | H       | Peak          | 25.12                  | 17.32  | 42.44     | 74.00     | -31.56 |
| 17010.00 | H       | ---           |                        |        |           |           |        |
| 22680.00 | H       | ---           |                        |        |           |           |        |
| 28350.00 | H       | ---           |                        |        |           |           |        |
| 34020.00 | H       | ---           |                        |        |           |           |        |
| 39690.00 | H       | ---           |                        |        |           |           |        |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5510 MHz      | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5460.00 | E       | Average       | 34.64                  | 7.87   | 42.51     | 54.00     | -11.49 |
| 5460.00 | E       | Peak          | 51.12                  | 7.87   | 58.99     | 74.00     | -15.01 |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5510 MHz      | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---“ : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5460.00 | E       | Average       | 33.68                  | 7.87   | 41.55     | 54.00     | -12.45 |
| 5460.00 | E       | Peak          | 48.34                  | 7.87   | 56.21     | 74.00     | -17.79 |

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|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5510 MHz      | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 59.10                  | 7.89   | 66.99     | 68.30     | -1.31  |

|                       |                |                          |                    |
|-----------------------|----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5510 MHz      | Temp./Humi.              | :20.5 deg_C /55 RH |
| Operation Mode        | :Band Edge LOW | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane       | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE(radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5470.00 | E       | Peak          | 56.27                  | 7.89   | 64.16     | 68.30     | -4.14  |

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|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5670 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :VERTICAL          |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 49.66                  | 8.29   | 57.95     | 68.30     | -10.35 |

|                       |                 |                          |                    |
|-----------------------|-----------------|--------------------------|--------------------|
| Operation Band        | :802.11 n40M    | Test Date                | :2014-03-18        |
| Fundamental Frequency | :5670 MHz       | Temp./Humi.              | :20.1 deg_C /52 RH |
| Operation Mode        | :Band Edge HIGH | Engineer                 | :Curry             |
| EUT Pol.              | :H Plane        | Measurement Antenna Pol. | :HORIZONTAL        |

Actual FS(dBµV/m) = SPA. Reading level(dBµV) + Factor(dB)

Factor(dB) = Antenna Factor(dBµV/m) + Cable Loss(dB) – Pre\_Amplifier Gain(dB)

Note : “F” : denotes Fundamental Frequency. ; “H” : denotes Harmonic Frequency.

“E” : denotes Band Edge Frequency. ; “S” : denotes Spurious Frequency.

“---” : denotes Noise Floor.

The trace on RE (radiation emission) plot is as colored blue, and the detection manner we’ve employed is peak detector.

| Freq.   | Note    | Detector Mode | Spectrum Reading Level | Factor | Actual FS | Limit @3m | Margin |
|---------|---------|---------------|------------------------|--------|-----------|-----------|--------|
| MHz     | F/H/E/S | PK/QP/AV      | dBµV                   | dB     | dBµV/m    | dBµV/m    | dB     |
| 5725.00 | E       | Peak          | 44.45                  | 8.29   | 52.74     | 68.30     | -15.56 |

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## 13. TRANSMISSION IN THE ABSENCE OF DATA

### 13.1 Standard Applicable

According to §15.407(c)

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signaling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

### 13.2 Result:

No non-compliance noted:

Refer to the theory of operation.

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## 14. FREQUENCY STABILITY

### 14.1 Standard Applicable

According to §15.407 (g) Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

### 14.2 Result:

Refer to next page for plots.

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|                |          |           |            |
|----------------|----------|-----------|------------|
| Operation Mode | 802.11 a | Test Date | 2014,02,13 |
| Temperature    | :25      | Test By   | Cooper     |
| Humidity       | :62 %    |           |            |

| Test Temp. | Test Voltage | Channel | Measured Frequency (MHz) | Spectrum Frequency (MHz) | ΔFrequency (MHz) |
|------------|--------------|---------|--------------------------|--------------------------|------------------|
| 25         | 3.7V         | 36      | 5180.0000                | 5,179.991333             | 0.0087           |
|            |              | 44      | 5220.0000                | 5,219.990616             | 0.0094           |
|            |              | 48      | 5240.0000                | 5,239.989317             | 0.0107           |
|            |              | 52      | 5260.0000                | 5,259.989283             | 0.0107           |
|            |              | 60      | 5300.0000                | 5,299.989933             | 0.0101           |
|            |              | 64      | 5320.0000                | 5,319.989567             | 0.0104           |
|            |              | 100     | 5500.0000                | 5,499.989683             | 0.0103           |
|            |              | 116     | 5580.0000                | 5,579.988683             | 0.0113           |
|            |              | 140     | 5700.0000                | 5,699.988883             | 0.0111           |
| 60         | 3.5V         | 36      | 5180.0000                | 5,179.991725             | 0.0083           |
|            |              | 44      | 5220.0000                | 5,219.990894             | 0.0091           |
|            |              | 48      | 5240.0000                | 5,239.989423             | 0.0106           |
|            |              | 52      | 5260.0000                | 5,259.989458             | 0.0105           |
|            |              | 60      | 5300.0000                | 5,299.989478             | 0.0105           |
|            |              | 64      | 5320.0000                | 5,319.989678             | 0.0103           |
|            |              | 100     | 5500.0000                | 5,499.989745             | 0.0103           |
|            |              | 116     | 5580.0000                | 5,579.988814             | 0.0112           |
|            |              | 140     | 5700.0000                | 5,699.988781             | 0.0112           |
| 60         | 4.1V         | 36      | 5180.0000                | 5,179.991573             | 0.0084           |
|            |              | 44      | 5220.0000                | 5,219.990149             | 0.0099           |
|            |              | 48      | 5240.0000                | 5,239.989473             | 0.0105           |
|            |              | 52      | 5260.0000                | 5,259.989527             | 0.0105           |
|            |              | 60      | 5300.0000                | 5,299.989843             | 0.0102           |
|            |              | 64      | 5320.0000                | 5,319.989579             | 0.0104           |
|            |              | 100     | 5500.0000                | 5,499.989813             | 0.0102           |
|            |              | 116     | 5580.0000                | 5,579.988274             | 0.0117           |
|            |              | 140     | 5700.0000                | 5,699.988498             | 0.0115           |

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|     |      |     |           |              |        |
|-----|------|-----|-----------|--------------|--------|
| -20 | 3.5V | 36  | 5180.0000 | 5,179.991831 | 0.0082 |
|     |      | 44  | 5220.0000 | 5,219.990157 | 0.0098 |
|     |      | 48  | 5240.0000 | 5,239.989843 | 0.0102 |
|     |      | 52  | 5260.0000 | 5,259.989269 | 0.0107 |
|     |      | 60  | 5300.0000 | 5,299.989846 | 0.0102 |
|     |      | 64  | 5320.0000 | 5,319.989137 | 0.0109 |
|     |      | 100 | 5500.0000 | 5,499.989527 | 0.0105 |
|     |      | 116 | 5580.0000 | 5,579.988963 | 0.0110 |
|     |      | 140 | 5700.0000 | 5,699.988428 | 0.0116 |
| -20 | 4.1V | 36  | 5180.0000 | 5,179.991521 | 0.0085 |
|     |      | 44  | 5220.0000 | 5,219.990678 | 0.0093 |
|     |      | 48  | 5240.0000 | 5,239.989521 | 0.0105 |
|     |      | 52  | 5260.0000 | 5,259.989588 | 0.0104 |
|     |      | 60  | 5300.0000 | 5,299.989137 | 0.0109 |
|     |      | 64  | 5320.0000 | 5,319.989557 | 0.0104 |
|     |      | 100 | 5500.0000 | 5,499.989791 | 0.0102 |
|     |      | 116 | 5580.0000 | 5,579.988773 | 0.0112 |
|     |      | 140 | 5700.0000 | 5,699.988514 | 0.0115 |

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|                |              |           |            |
|----------------|--------------|-----------|------------|
| Operation Mode | 802.11n_HT20 | Test Date | 2014,02,13 |
| Temperature    | :25          | Test By   | Cooper     |
| Humidity       | :62 %        |           |            |

| Test Temp. | Test Voltage | Channel | Measured Frequency (MHz) | Spectrum Frequency (MHz) | ΔFrequency (MHz) |
|------------|--------------|---------|--------------------------|--------------------------|------------------|
| 25         | 3.7V         | 36      | 5180.0000                | 5,179.990566             | 0.0094           |
|            |              | 44      | 5220.0000                | 5,219.991350             | 0.0086           |
|            |              | 48      | 5240.0000                | 5,239.989167             | 0.0108           |
|            |              | 52      | 5260.0000                | 5,259.989683             | 0.0103           |
|            |              | 60      | 5300.0000                | 5,299.989417             | 0.0106           |
|            |              | 64      | 5320.0000                | 5,319.990017             | 0.0100           |
|            |              | 100     | 5500.0000                | 5,499.989250             | 0.0108           |
|            |              | 116     | 5580.0000                | 5,579.989133             | 0.0109           |
|            |              | 140     | 5700.0000                | 5,699.988416             | 0.0116           |
| 60         | 3.5V         | 36      | 5180.0000                | 5,179.990787             | 0.0092           |
|            |              | 44      | 5220.0000                | 5,219.991130             | 0.0089           |
|            |              | 48      | 5240.0000                | 5,239.989547             | 0.0105           |
|            |              | 52      | 5260.0000                | 5,259.989668             | 0.0103           |
|            |              | 60      | 5300.0000                | 5,299.989579             | 0.0104           |
|            |              | 64      | 5320.0000                | 5,319.990220             | 0.0098           |
|            |              | 100     | 5500.0000                | 5,499.989147             | 0.0109           |
|            |              | 116     | 5580.0000                | 5,579.989229             | 0.0108           |
|            |              | 140     | 5700.0000                | 5,699.988436             | 0.0116           |
| 60         | 4.1V         | 36      | 5180.0000                | 5,179.990719             | 0.0093           |
|            |              | 44      | 5220.0000                | 5,219.991553             | 0.0084           |
|            |              | 48      | 5240.0000                | 5,239.989518             | 0.0105           |
|            |              | 52      | 5260.0000                | 5,259.989669             | 0.0103           |
|            |              | 60      | 5300.0000                | 5,299.989511             | 0.0105           |
|            |              | 64      | 5320.0000                | 5,319.990197             | 0.0098           |
|            |              | 100     | 5500.0000                | 5,499.989553             | 0.0104           |
|            |              | 116     | 5580.0000                | 5,579.989771             | 0.0102           |
|            |              | 140     | 5700.0000                | 5,699.988443             | 0.0116           |

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|     |      |     |           |              |        |
|-----|------|-----|-----------|--------------|--------|
| -20 | 3.5V | 36  | 5180.0000 | 5,179.990671 | 0.0093 |
|     |      | 44  | 5220.0000 | 5,219.991559 | 0.0084 |
|     |      | 48  | 5240.0000 | 5,239.989647 | 0.0104 |
|     |      | 52  | 5260.0000 | 5,259.989954 | 0.0100 |
|     |      | 60  | 5300.0000 | 5,299.989753 | 0.0102 |
|     |      | 64  | 5320.0000 | 5,319.990114 | 0.0099 |
|     |      | 100 | 5500.0000 | 5,499.989570 | 0.0104 |
|     |      | 116 | 5580.0000 | 5,579.989550 | 0.0104 |
|     |      | 140 | 5700.0000 | 5,699.988678 | 0.0113 |
| -20 | 4.1V | 36  | 5180.0000 | 5,179.990590 | 0.0094 |
|     |      | 44  | 5220.0000 | 5,219.991447 | 0.0086 |
|     |      | 48  | 5240.0000 | 5,239.989379 | 0.0106 |
|     |      | 52  | 5260.0000 | 5,259.989796 | 0.0102 |
|     |      | 60  | 5300.0000 | 5,299.989579 | 0.0104 |
|     |      | 64  | 5320.0000 | 5,319.990349 | 0.0097 |
|     |      | 100 | 5500.0000 | 5,499.989667 | 0.0103 |
|     |      | 116 | 5580.0000 | 5,579.989588 | 0.0104 |
|     |      | 140 | 5700.0000 | 5,699.988412 | 0.0116 |

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|                |               |           |            |
|----------------|---------------|-----------|------------|
| Operation Mode | 802.11 n_HT40 | Test Date | 2014,02,13 |
| Temperature    | :25           | Test By   | Cooper     |
| Humidity       | :62 %         |           |            |

| Test Temp. | Test Voltage | Channel | Measured Frequency (MHz) | Spectrum Frequency (MHz) | ΔFrequency (MHz) |
|------------|--------------|---------|--------------------------|--------------------------|------------------|
| 25         | 3.7V         | 38      | 5190.0000                | 5,189.990767             | 0.0092           |
|            |              | 46      | 5230.0000                | 5,229.990517             | 0.0095           |
|            |              | 54      | 5270.0000                | 5,269.990383             | 0.0096           |
|            |              | 62      | 5310.0000                | 5,309.990367             | 0.0096           |
|            |              | 102     | 5510.0000                | 5,509.989433             | 0.0106           |
|            |              | 110     | 5550.0000                | 5,549.988833             | 0.0112           |
|            |              | 134     | 5670.0000                | 5,669.987733             | 0.0123           |
| 60         | 3.5V         | 38      | 5190.0000                | 5,189.990898             | 0.0091           |
|            |              | 46      | 5230.0000                | 5,229.990751             | 0.0092           |
|            |              | 54      | 5270.0000                | 5,269.990669             | 0.0093           |
|            |              | 62      | 5310.0000                | 5,309.990579             | 0.0094           |
|            |              | 102     | 5510.0000                | 5,509.989667             | 0.0103           |
|            |              | 110     | 5550.0000                | 5,549.988918             | 0.0111           |
|            |              | 134     | 5670.0000                | 5,669.987672             | 0.0123           |
| 60         | 4.1V         | 38      | 5190.0000                | 5,189.990449             | 0.0096           |
|            |              | 46      | 5230.0000                | 5,229.990213             | 0.0098           |
|            |              | 54      | 5270.0000                | 5,269.990112             | 0.0099           |
|            |              | 62      | 5310.0000                | 5,309.990348             | 0.0097           |
|            |              | 102     | 5510.0000                | 5,509.989551             | 0.0104           |
|            |              | 110     | 5550.0000                | 5,549.988910             | 0.0111           |
|            |              | 134     | 5670.0000                | 5,669.987667             | 0.0123           |

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|     |      |     |           |              |        |
|-----|------|-----|-----------|--------------|--------|
| -20 | 3.5V | 38  | 5190.0000 | 5,189.990825 | 0.0092 |
|     |      | 46  | 5230.0000 | 5,229.990975 | 0.0090 |
|     |      | 54  | 5270.0000 | 5,269.990642 | 0.0094 |
|     |      | 62  | 5310.0000 | 5,309.990112 | 0.0099 |
|     |      | 102 | 5510.0000 | 5,509.989753 | 0.0102 |
|     |      | 110 | 5550.0000 | 5,549.988997 | 0.0110 |
|     |      | 134 | 5670.0000 | 5,669.987667 | 0.0123 |
| -20 | 4.1V | 38  | 5190.0000 | 5,189.990514 | 0.0095 |
|     |      | 46  | 5230.0000 | 5,229.990441 | 0.0096 |
|     |      | 54  | 5270.0000 | 5,269.990240 | 0.0098 |
|     |      | 62  | 5310.0000 | 5,309.990667 | 0.0093 |
|     |      | 102 | 5510.0000 | 5,509.989810 | 0.0102 |
|     |      | 110 | 5550.0000 | 5,549.988223 | 0.0118 |
|     |      | 134 | 5670.0000 | 5,669.987667 | 0.0123 |

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## 15. ANTENNA REQUIREMENT

### 15.1 Standard Applicable

For intentional device, according to §15.203, an intentional radiator shall be designed to ensure that no antenna other than furnished by the responsible party shall be used with the device.

### 15.2 Antenna Connected Construction

The directional gains of antenna used for transmitting is -0.38dBi (5150MHz– 5250MHz), 0.10dBi (5250MHz– 5350MHz), 3.98dBi (5470MHz– 5725MHz) and the antenna connector is designed with unique type RF connector and no consideration of replacement. Please see EUT photo and antenna spec. for details.

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# APPENDIX 1

## MEASUREMENT PLOT OF RADIATED SPURIOUS EMISSION

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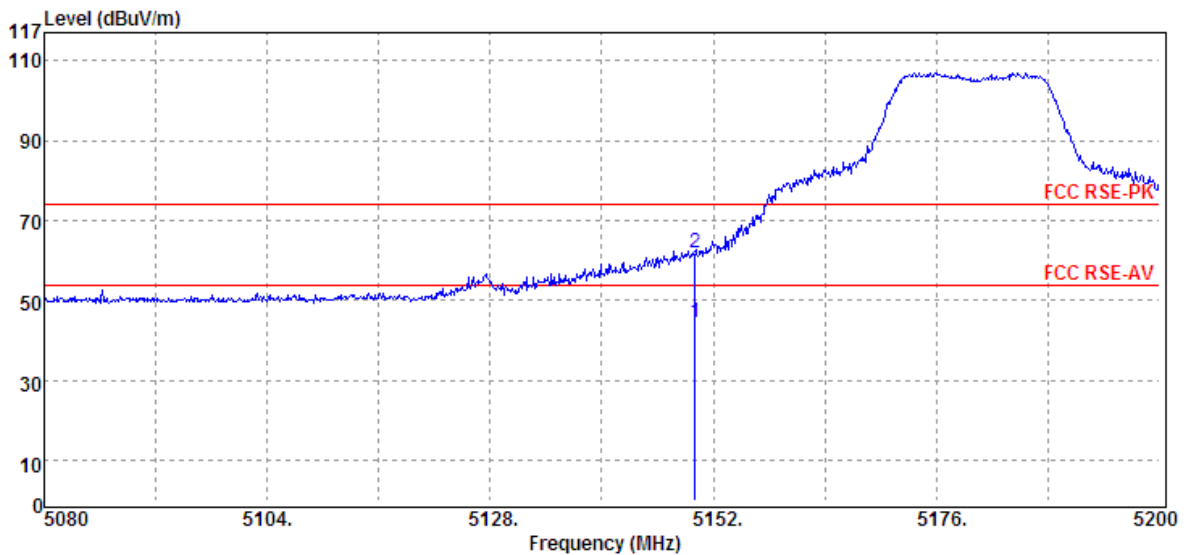
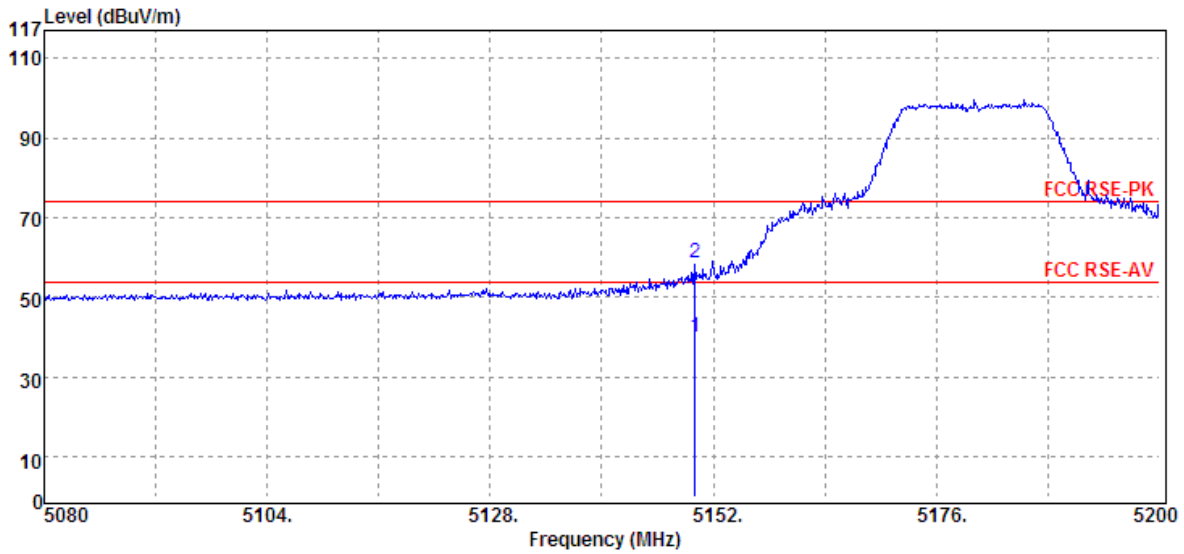
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**Band Edges Radiated Emission:**

**Note: The emission that surpasses the limit of peak represents the fundamental emission of the operation that does not account to be conformed to the limit of the interest.**

**802.11a**

|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11a       | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5180MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |

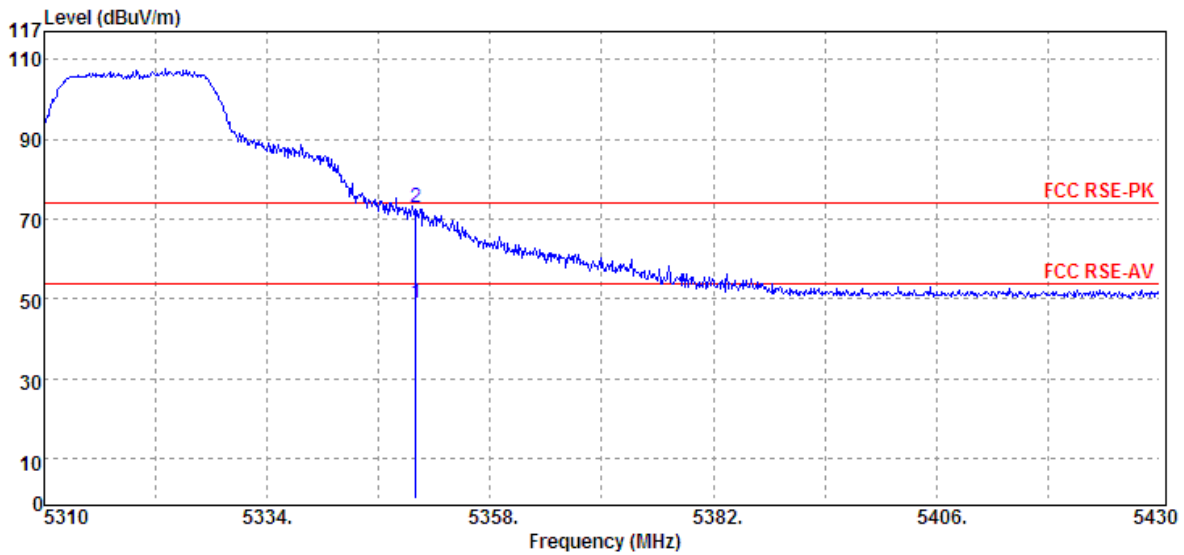
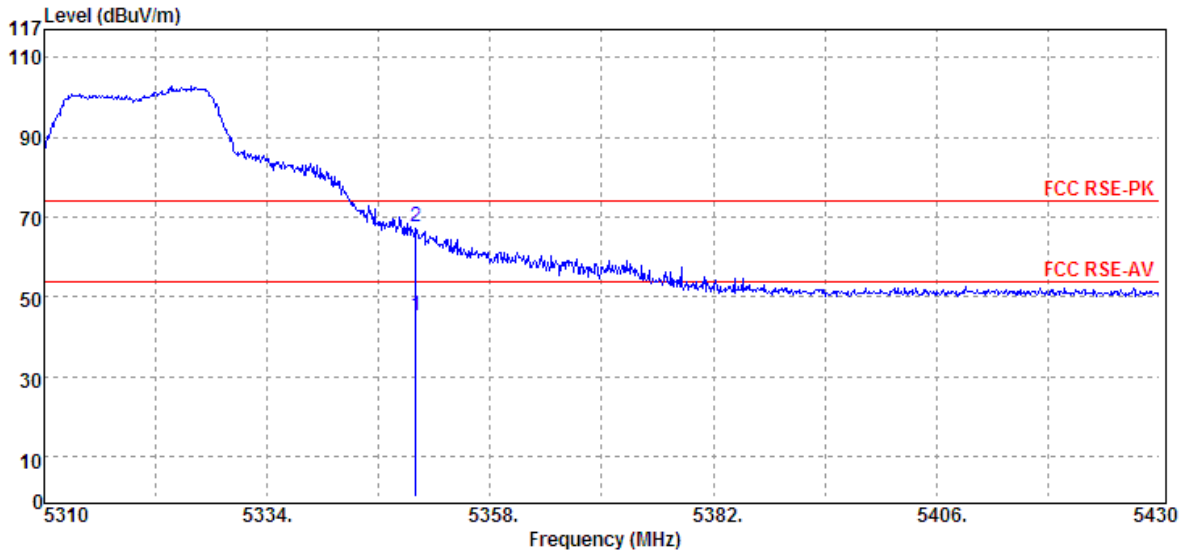


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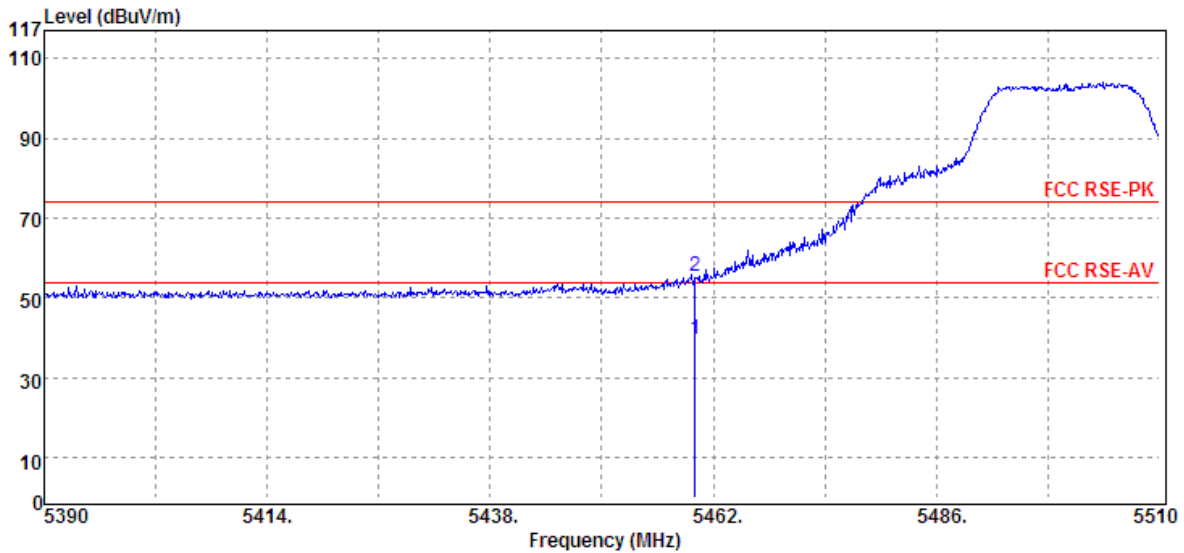
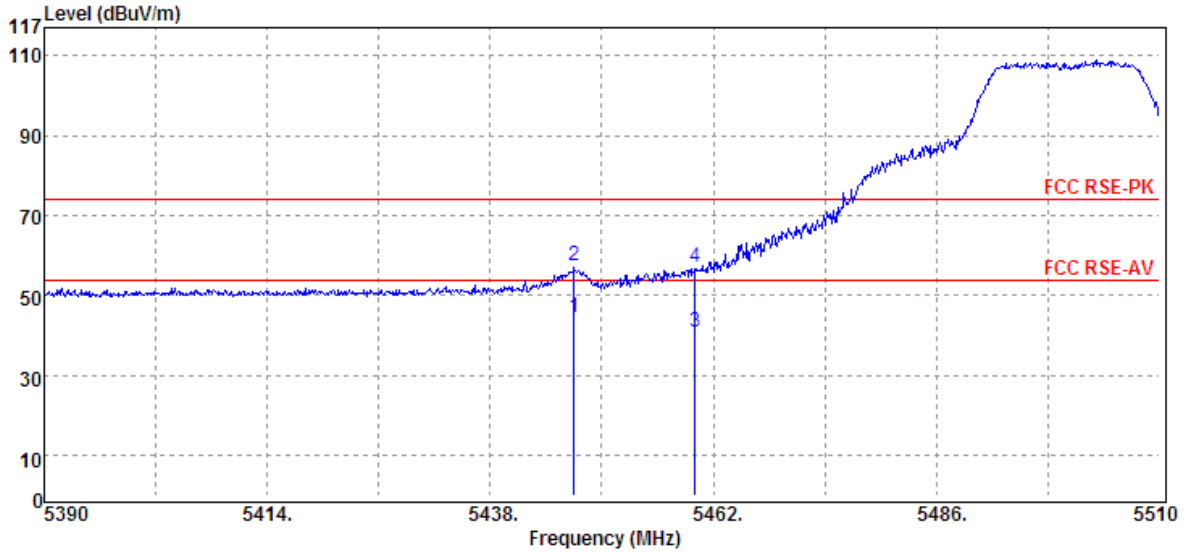
|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11a        | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5320MHz        | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | :Ver. / Hor.  |



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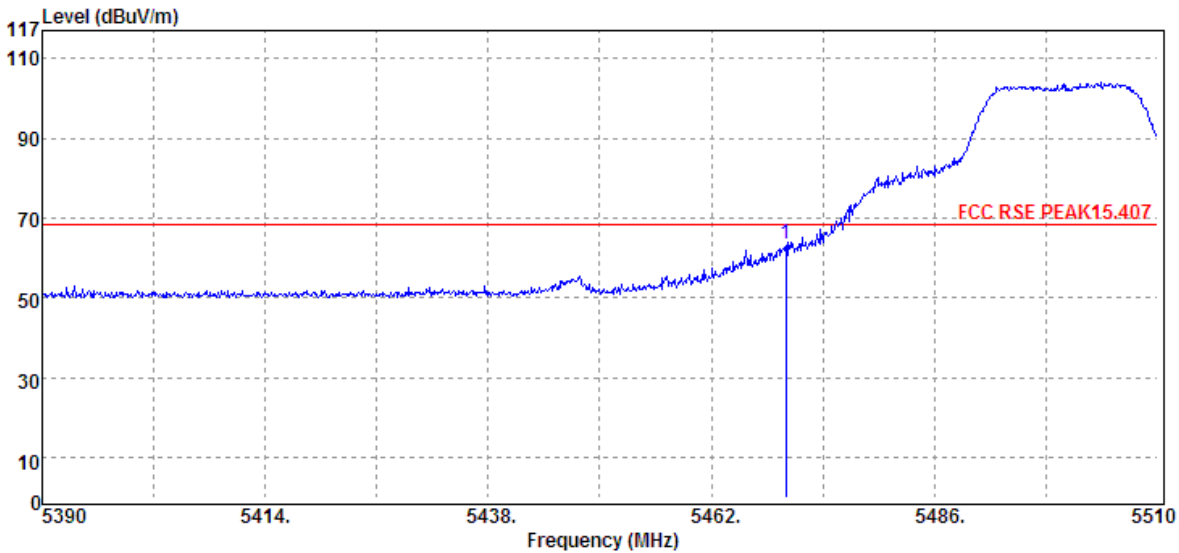
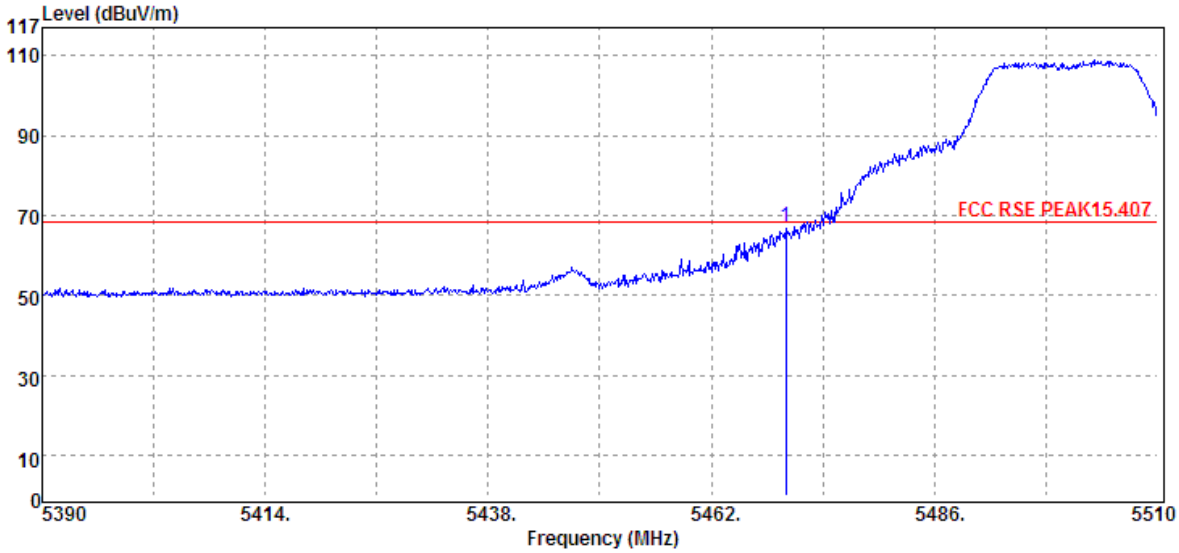
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11a       | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5500MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11 a      | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | : Ver. / Hor  |

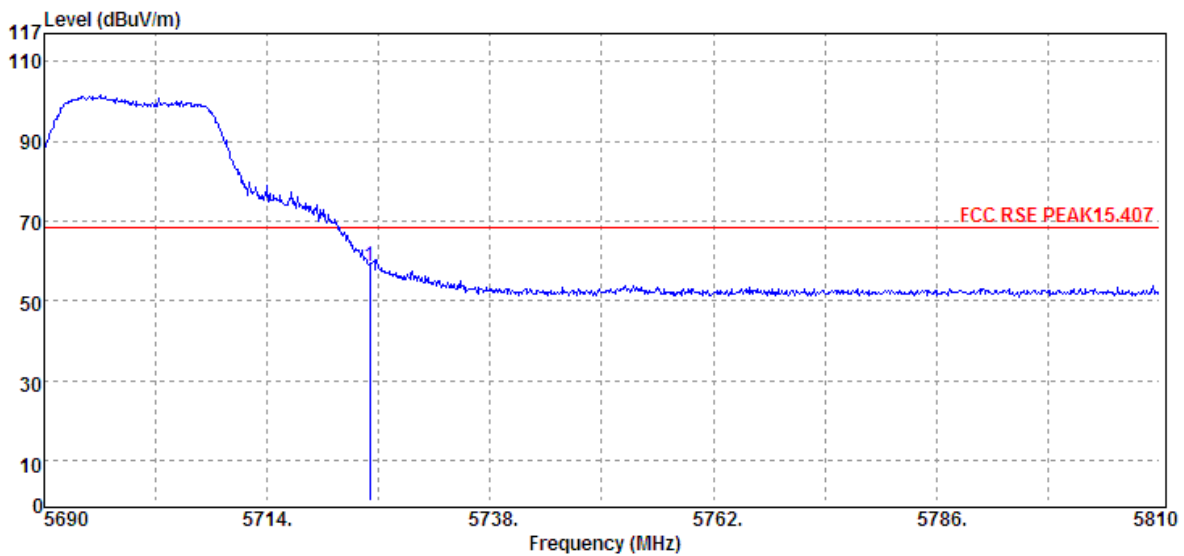
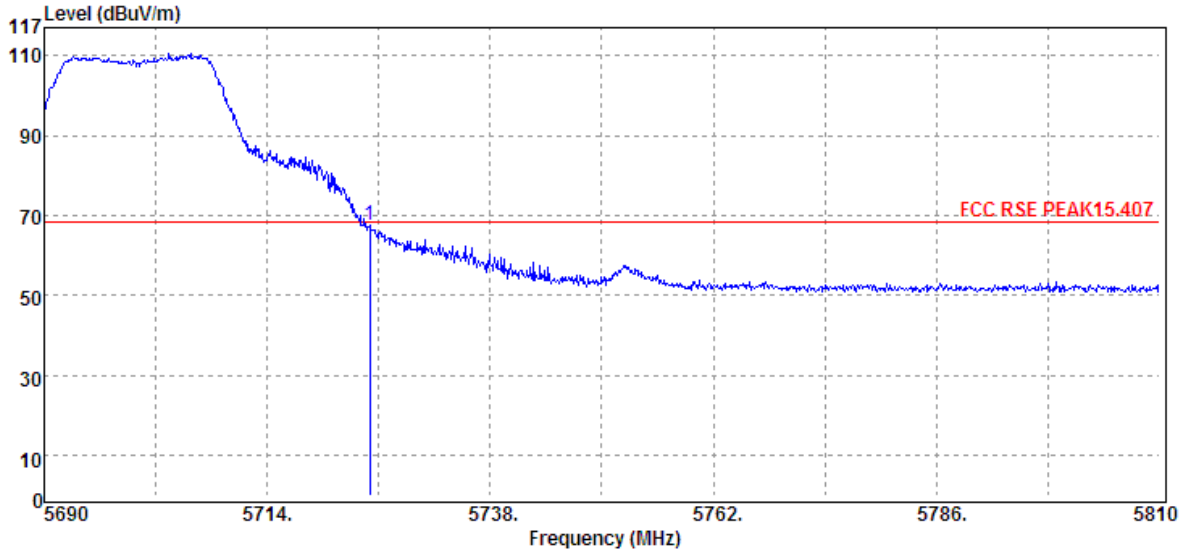


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|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11 a       | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | : Ver. / Hor. |

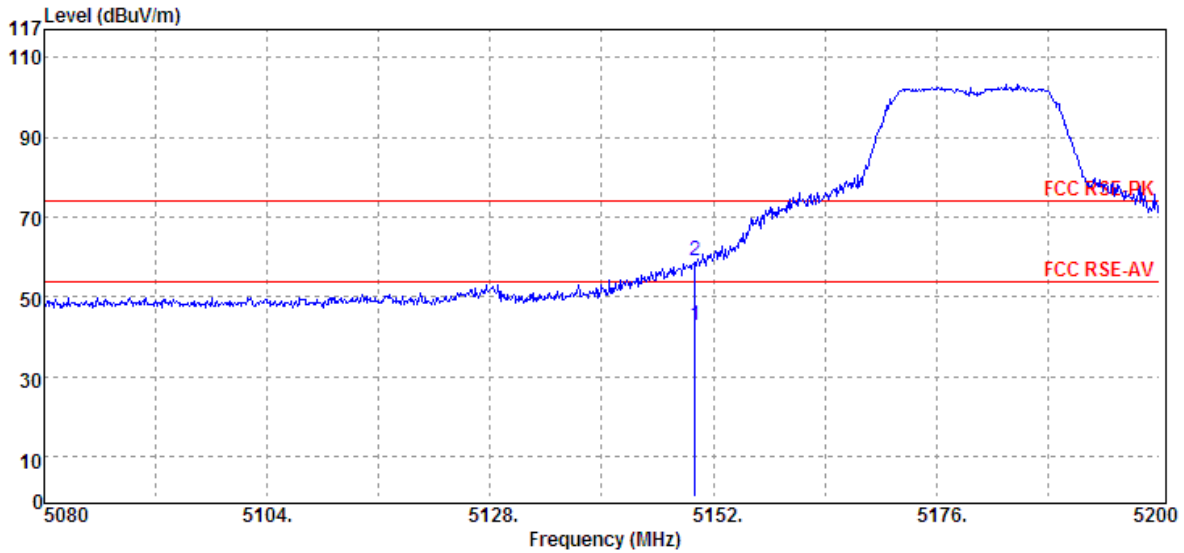
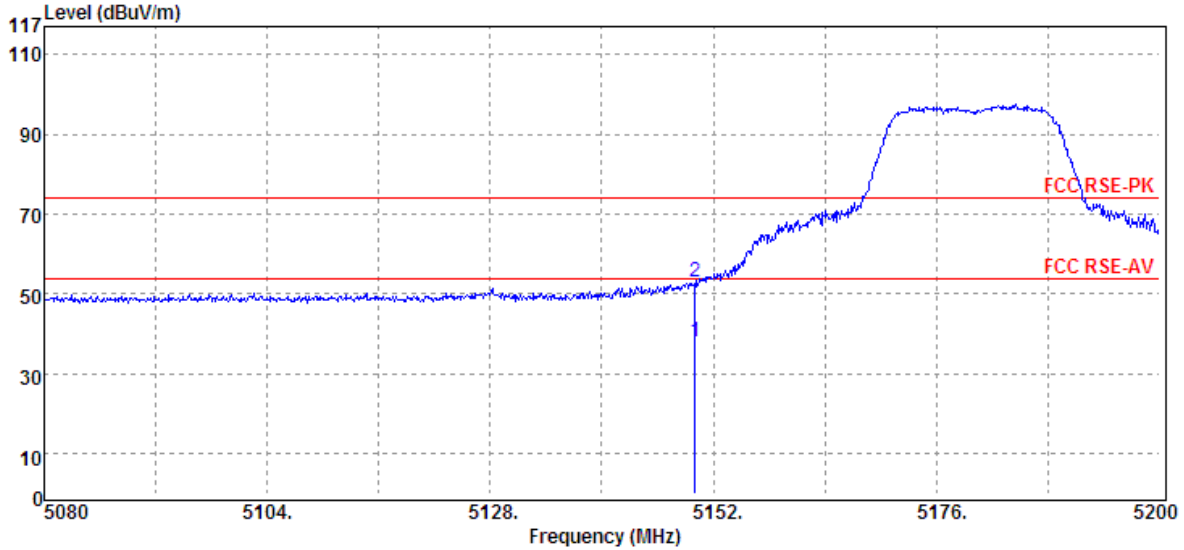


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**802.11n\_20M**

|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11n20M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5180MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |

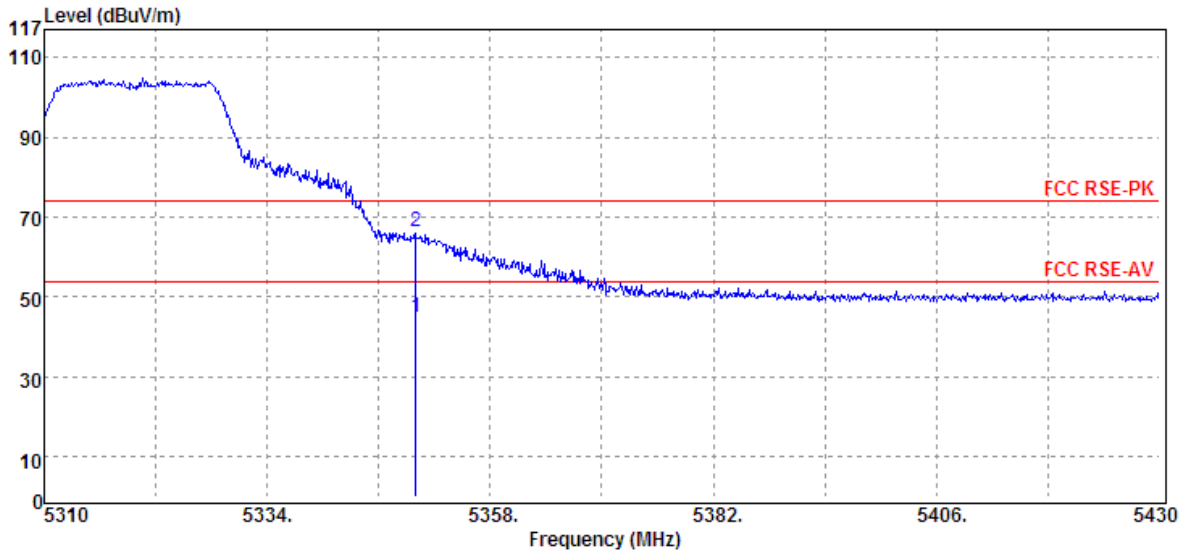
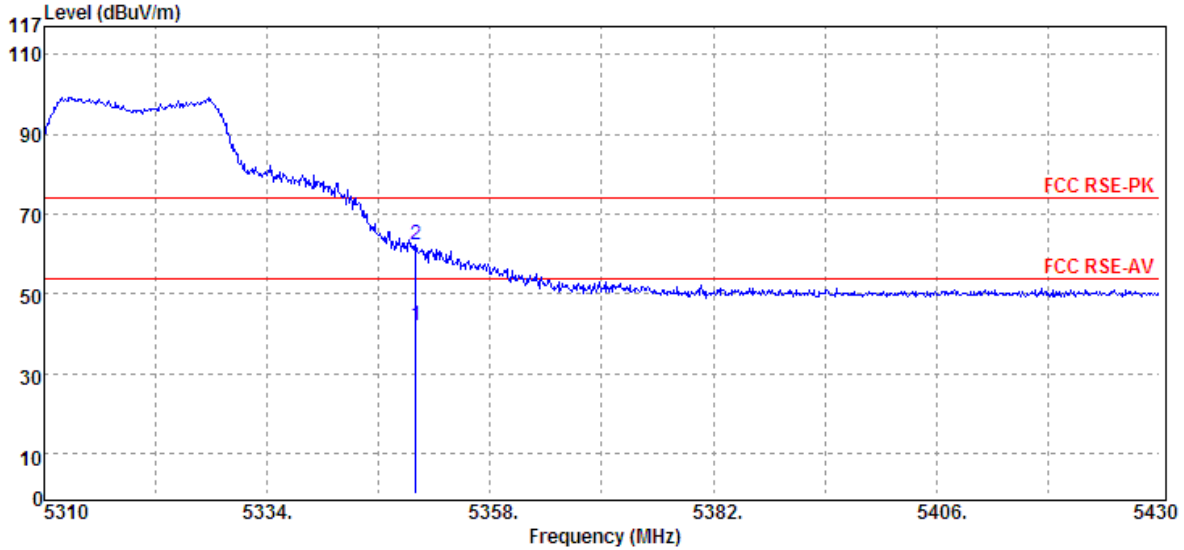


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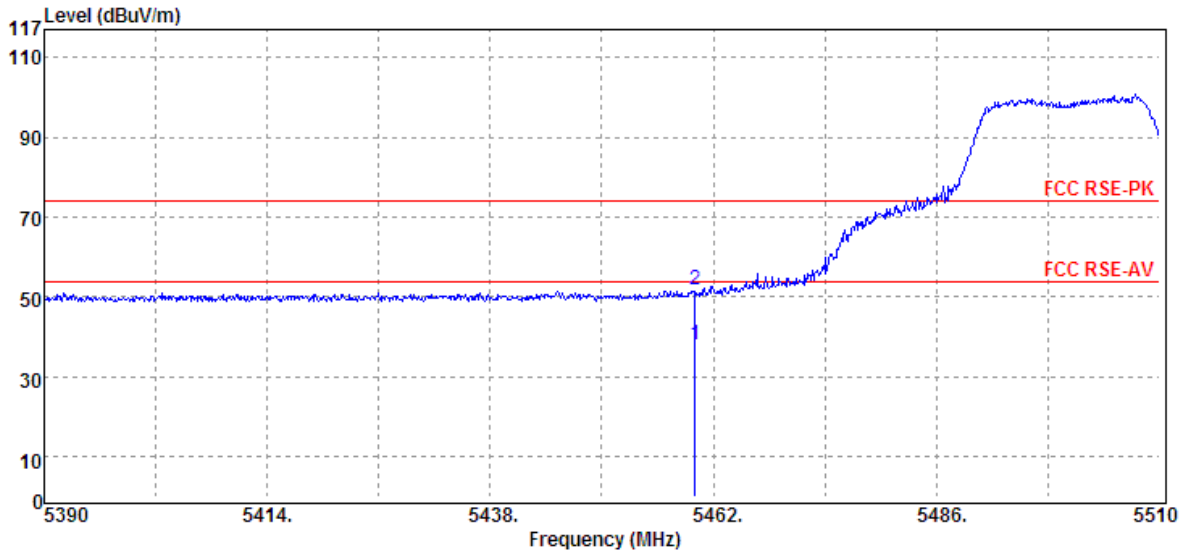
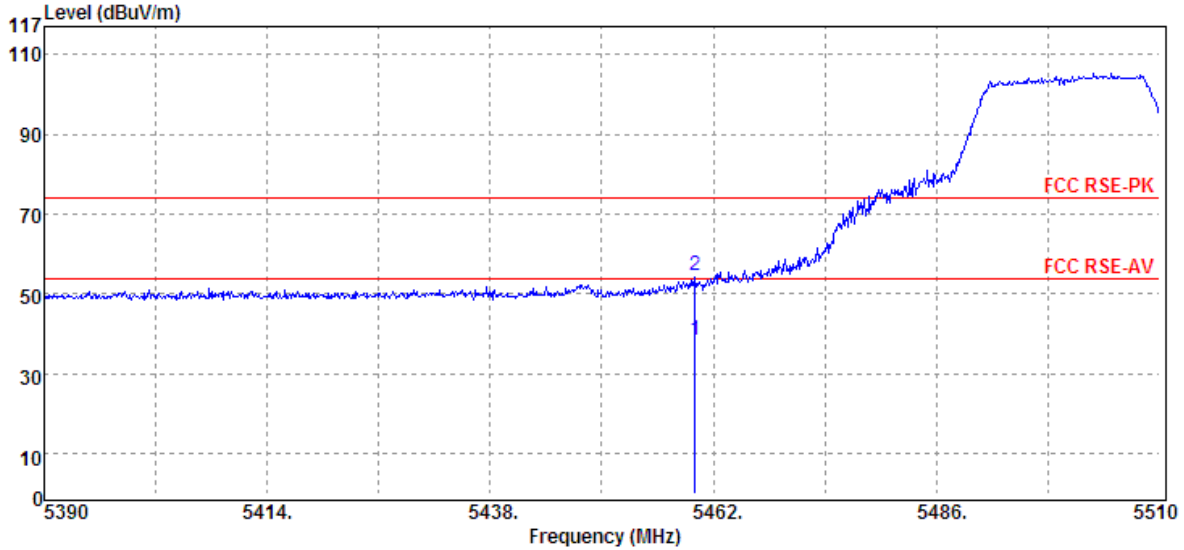
|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11n20M     | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5320MHz        | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | :Ver. / Hor.  |



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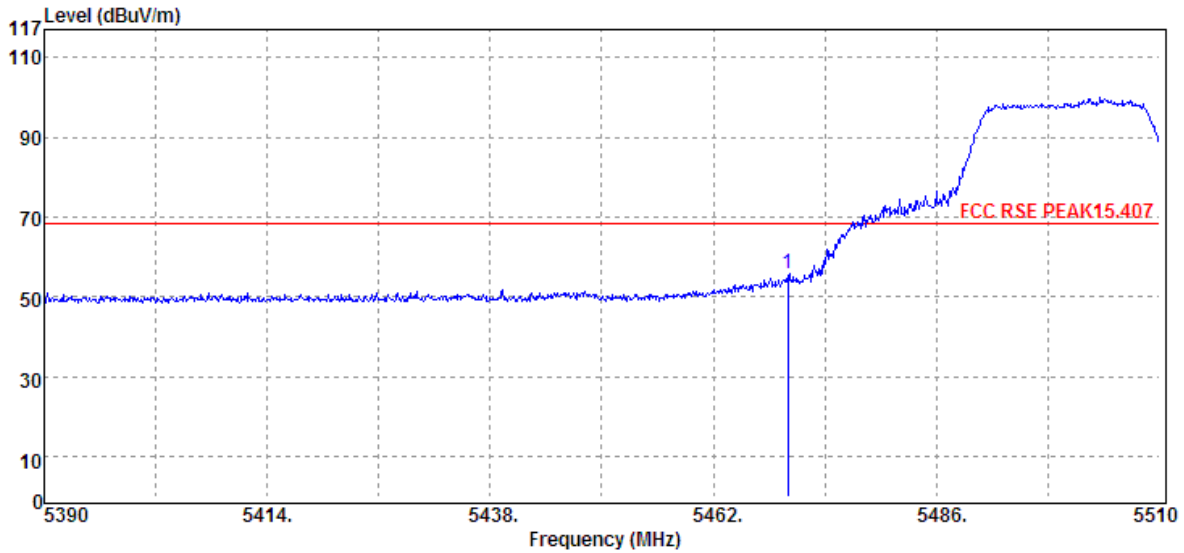
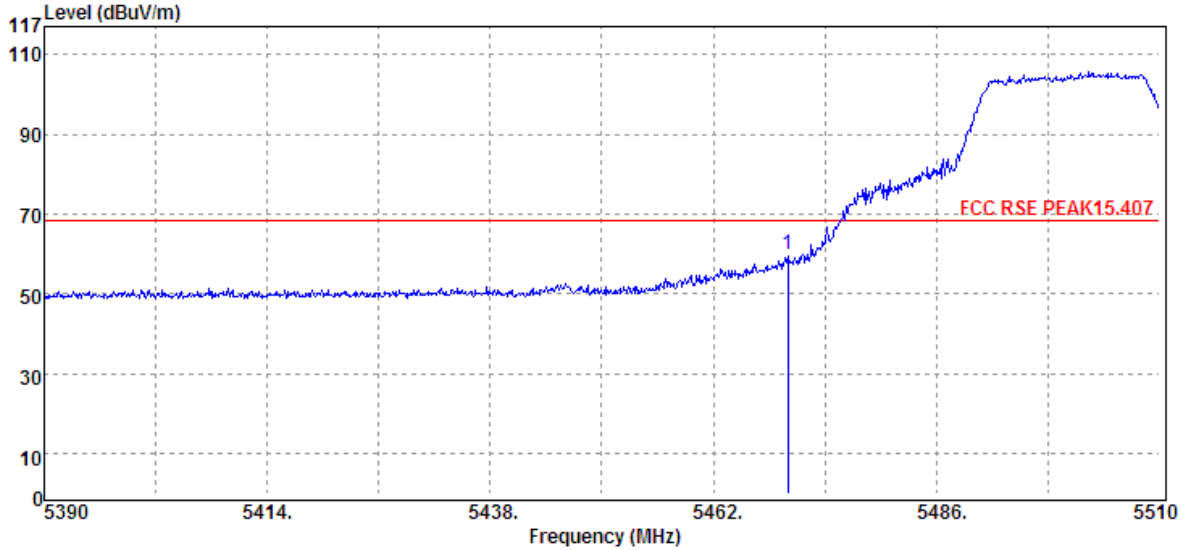
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11n20M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5500MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |



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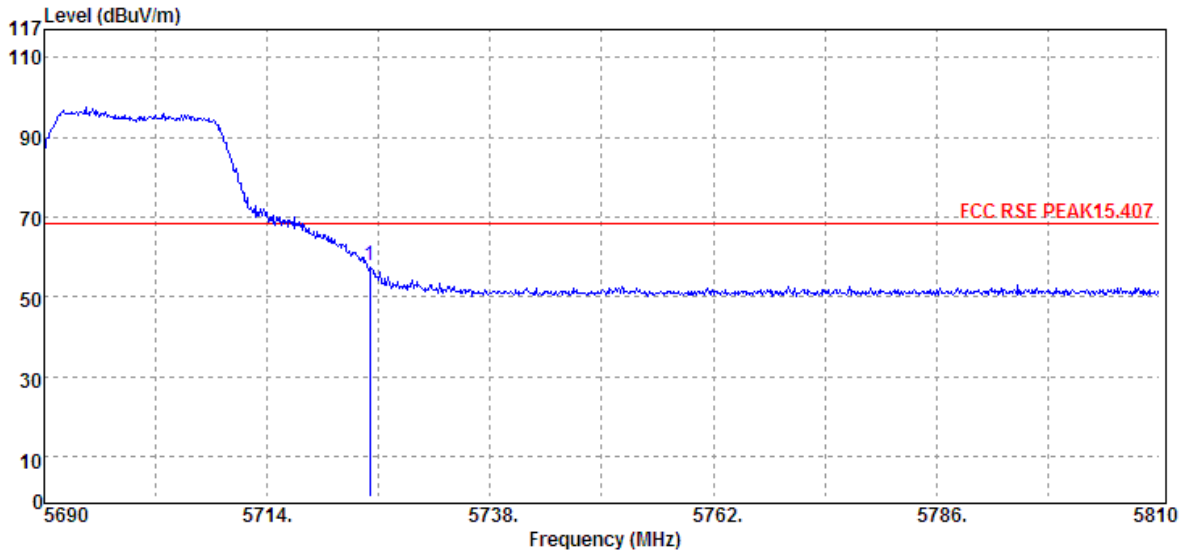
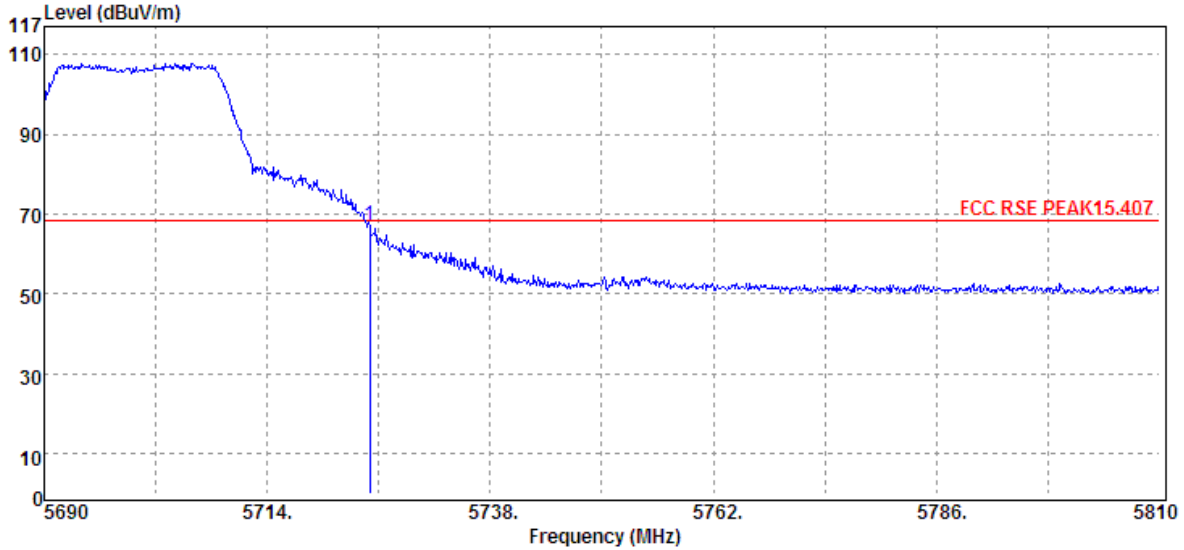
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11 n20M   | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5500 MHz      | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | : Ver. / Hor. |



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|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11 n20M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5700 MHz       | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | : Ver. / Hor. |



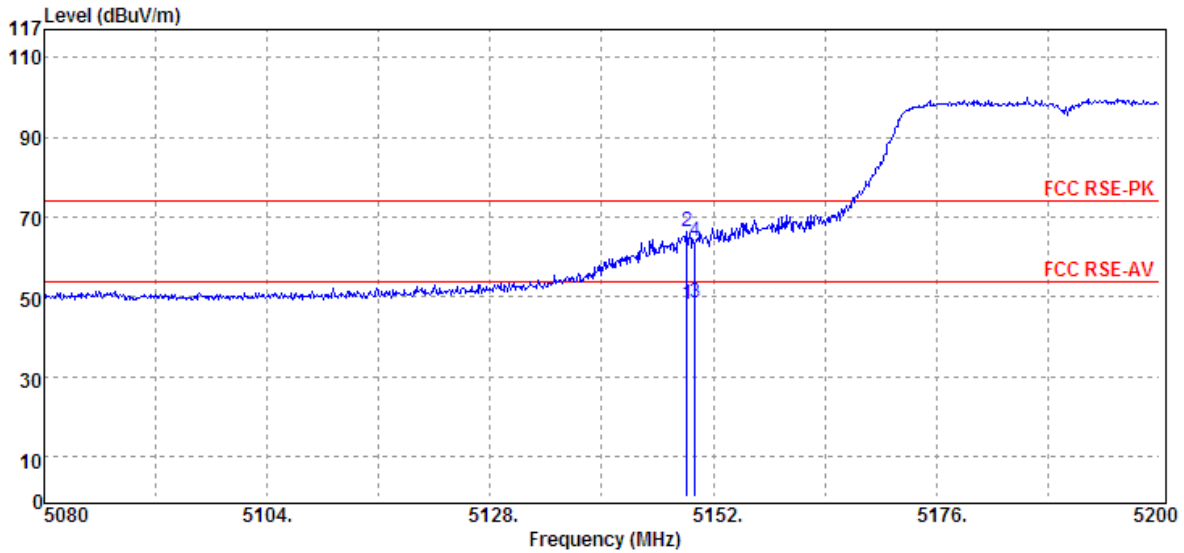
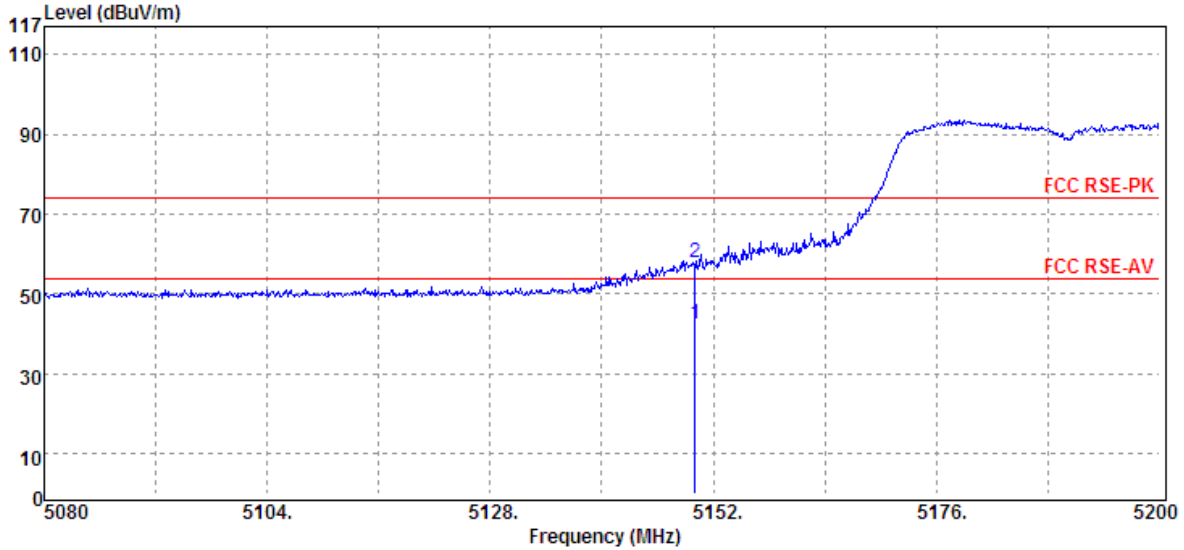
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**802.11n\_40M**

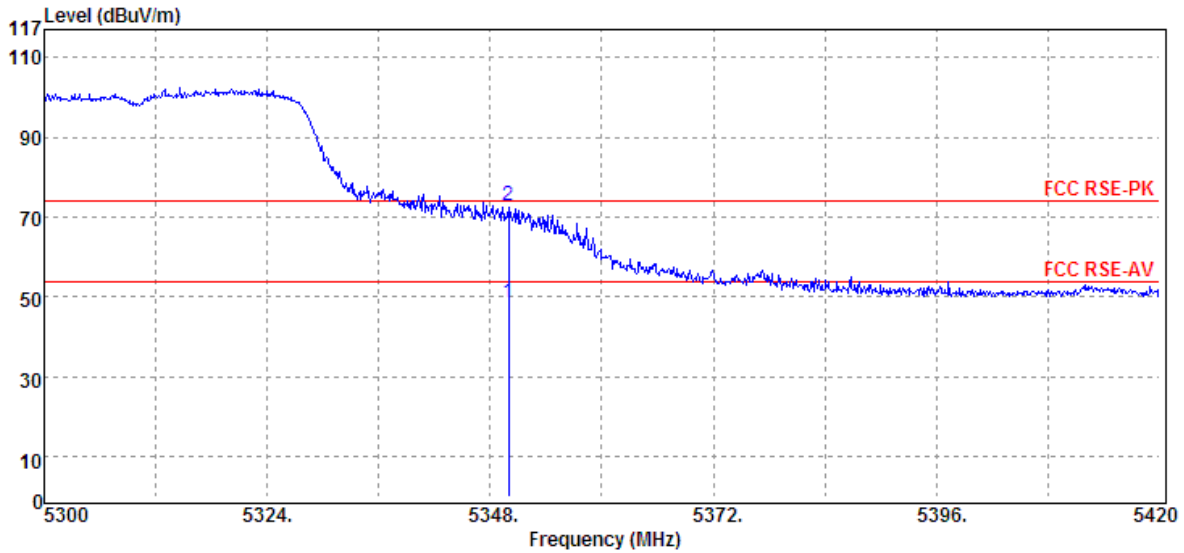
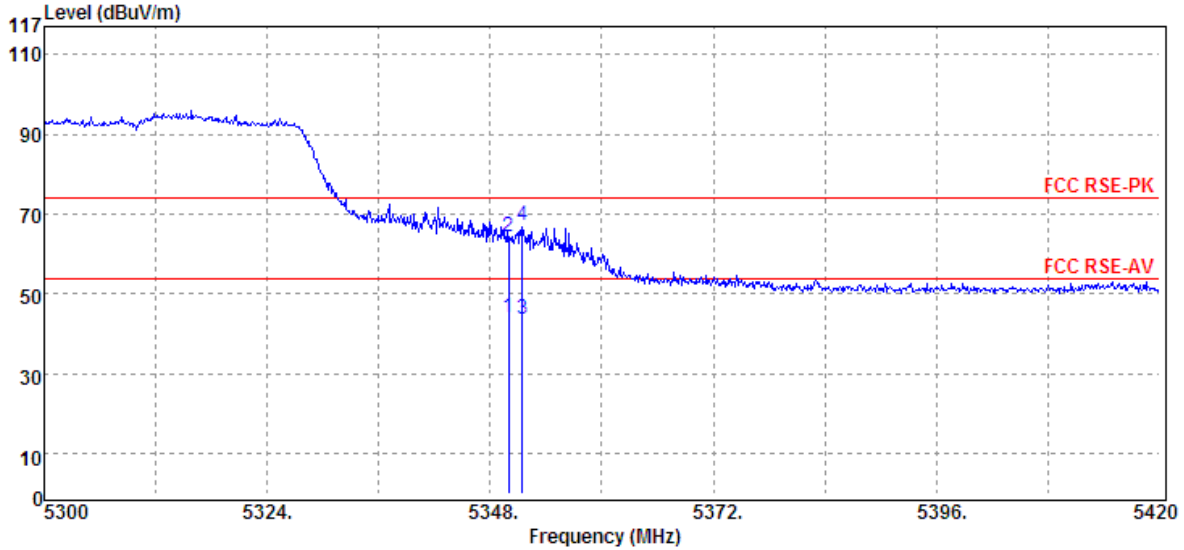
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11n40M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5190MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11n40M     | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5310MHz        | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | :Ver. / Hor.  |

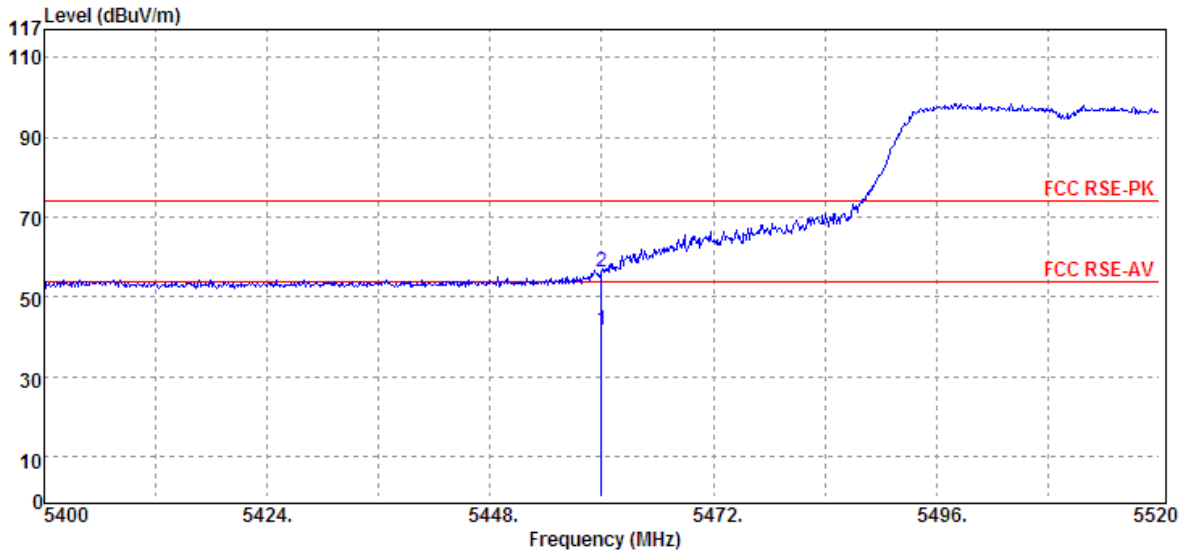
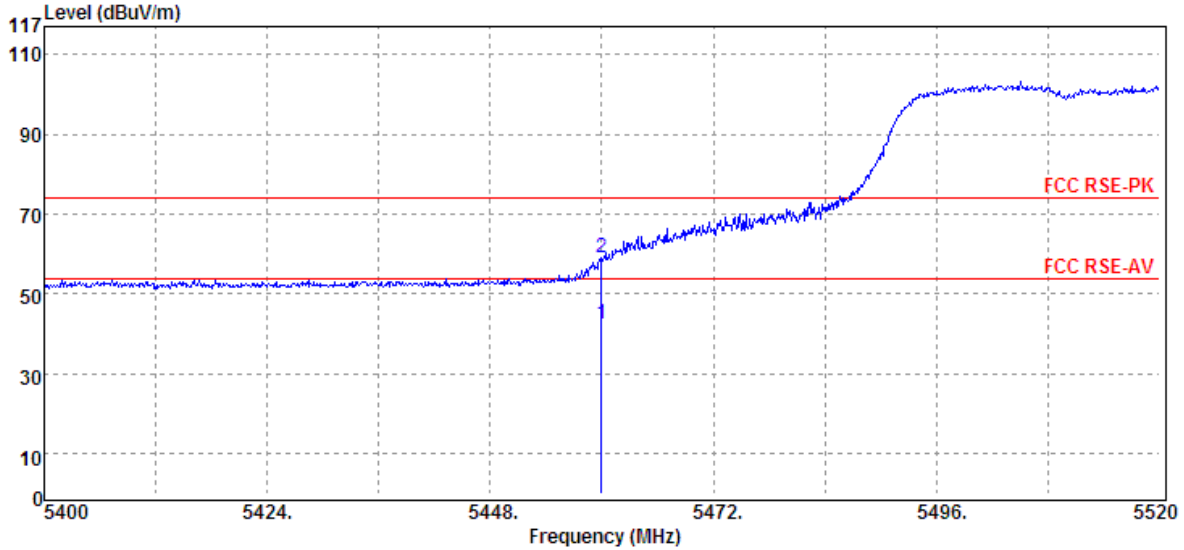


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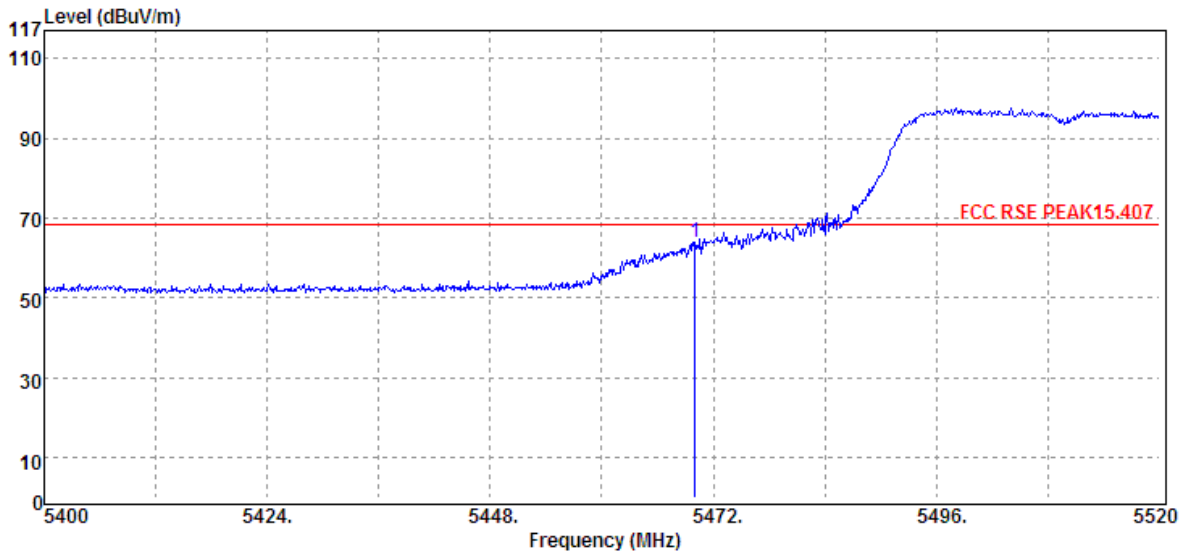
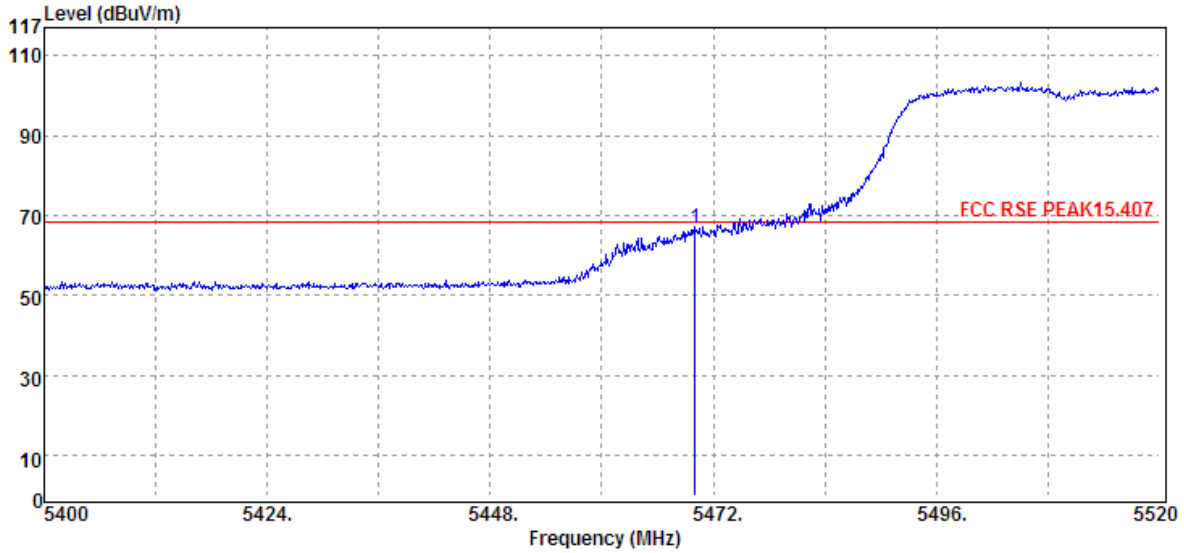
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11n40M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5510MHz       | Temp./Humi.              | :24deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | :Ver. / Hor.  |



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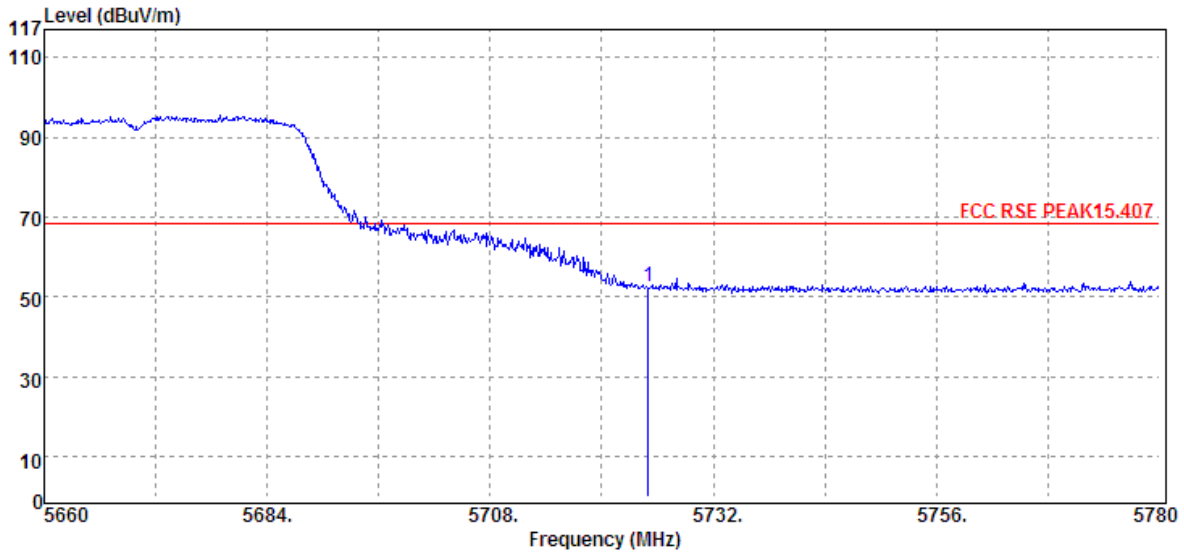
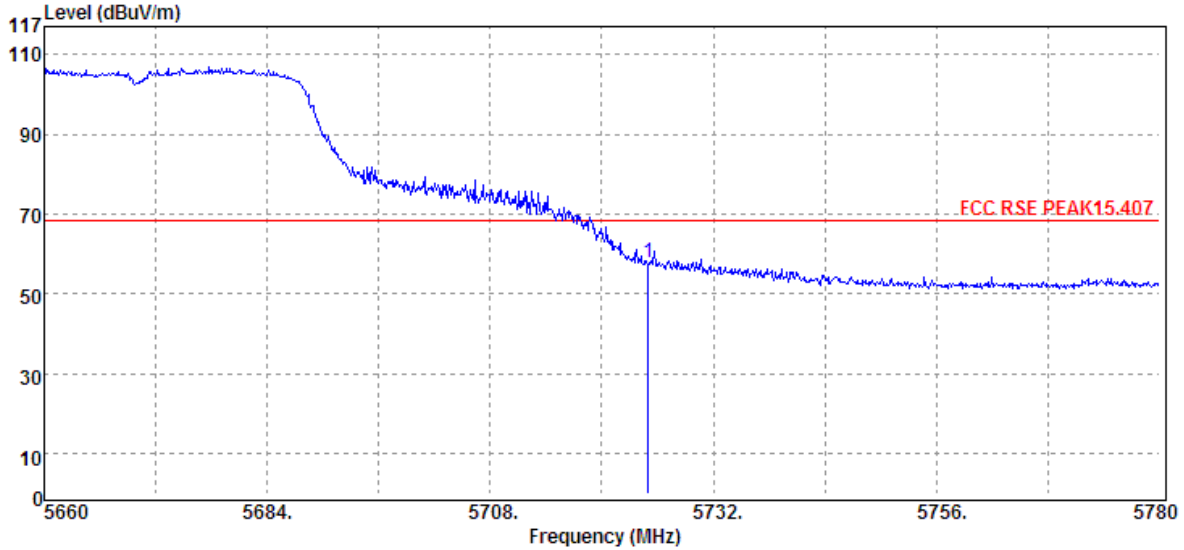
|                       |                |                          |               |
|-----------------------|----------------|--------------------------|---------------|
| Operation Band        | :802.11 n40M   | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5510 MHz      | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge LOW | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan       | Measurement Antenna Pol. | : Ver. / Hor. |



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|                       |                 |                          |               |
|-----------------------|-----------------|--------------------------|---------------|
| Operation Band        | :802.11 n40M    | Test Date                | :2014-03-18   |
| Fundamental Frequency | :5670 MHz       | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :Band edge HIGH | Engineer                 | :Curry        |
| EUT Pol.              | : H Plan        | Measurement Antenna Pol. | : Ver. / Hor. |



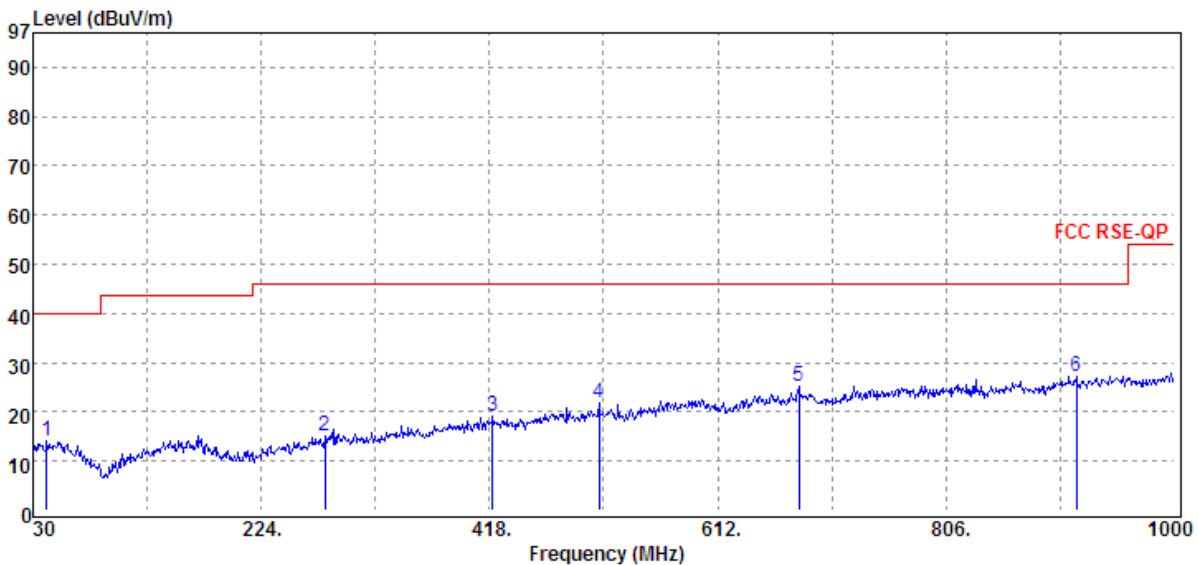
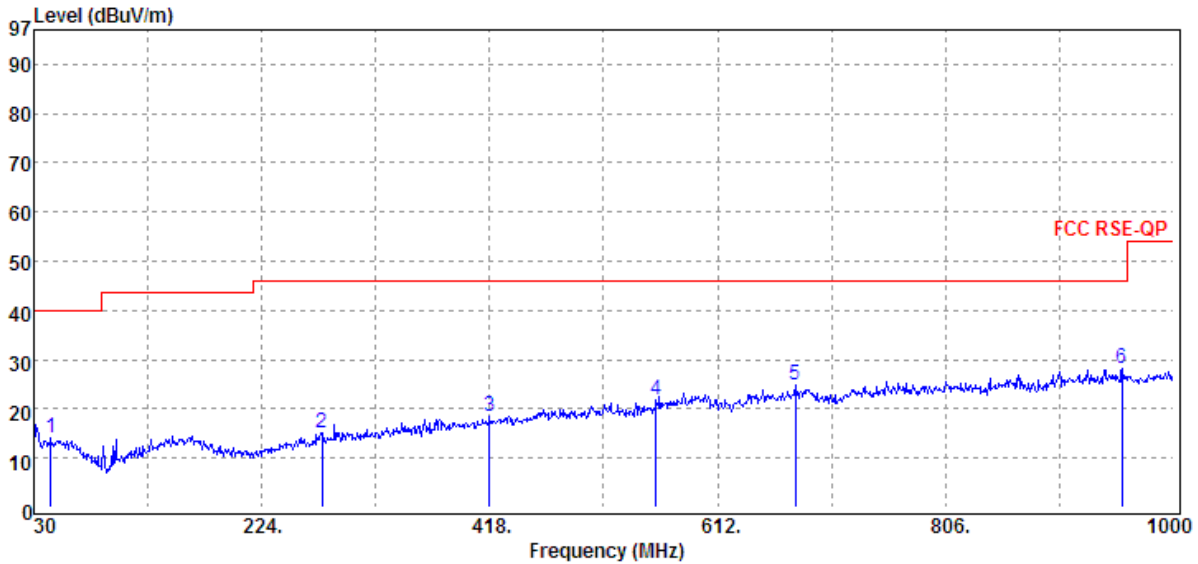
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**Radiated Spurious Emission Measurement photos Result (below 1GHz)**

**802.11a 5150-5250MHz**

|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

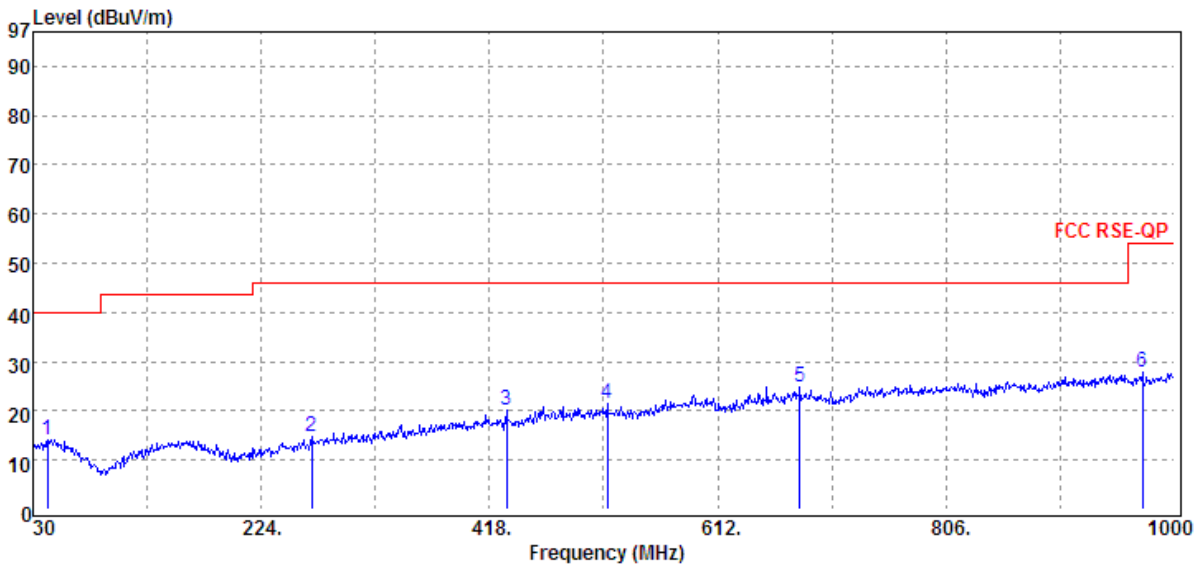
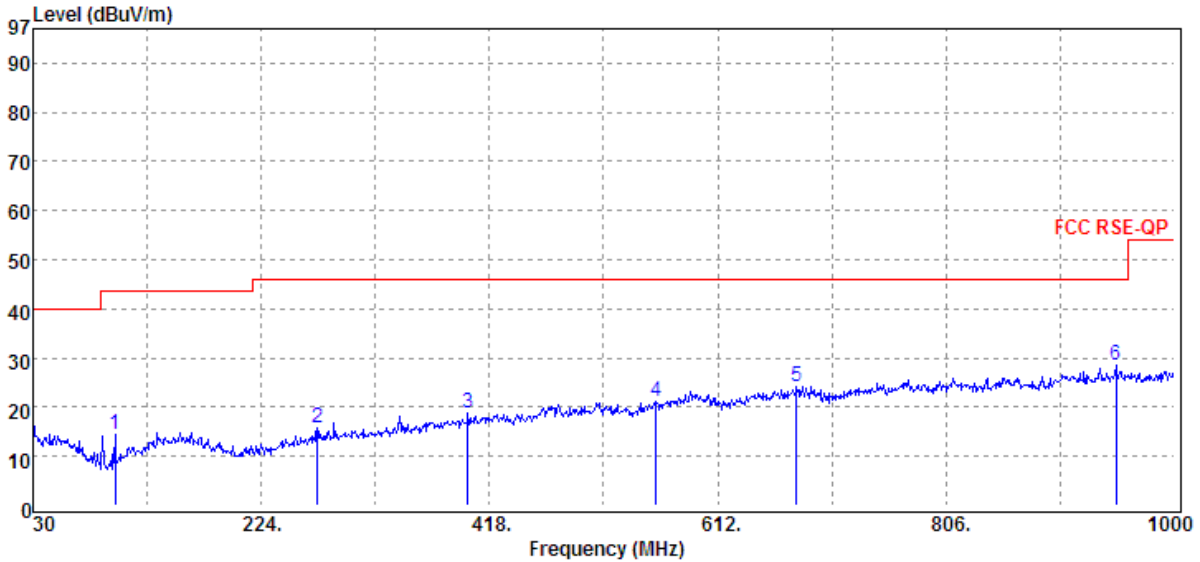


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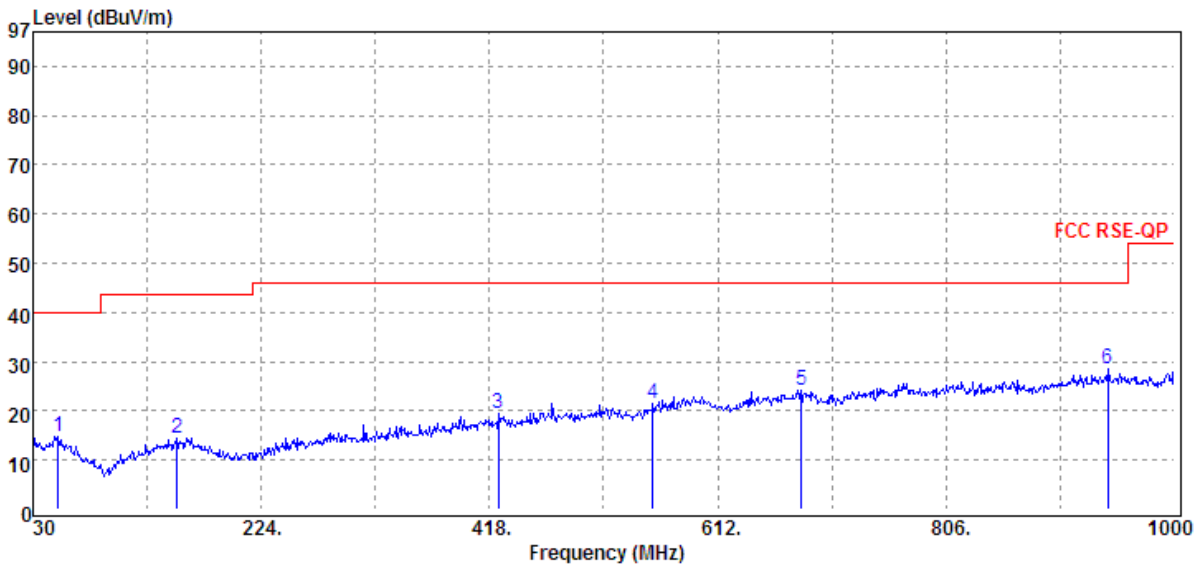
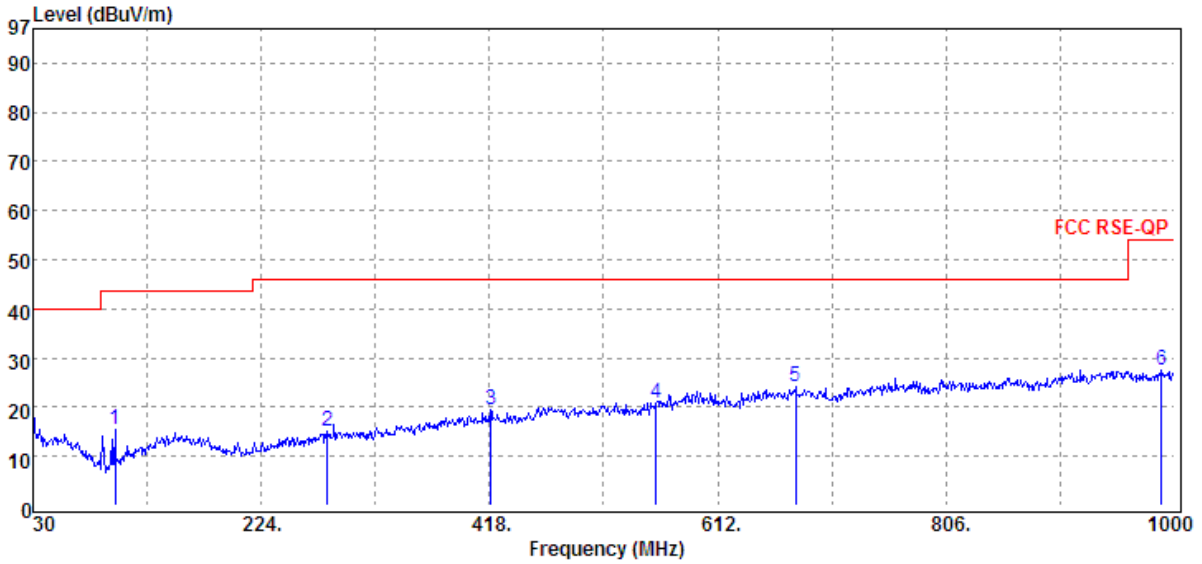
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

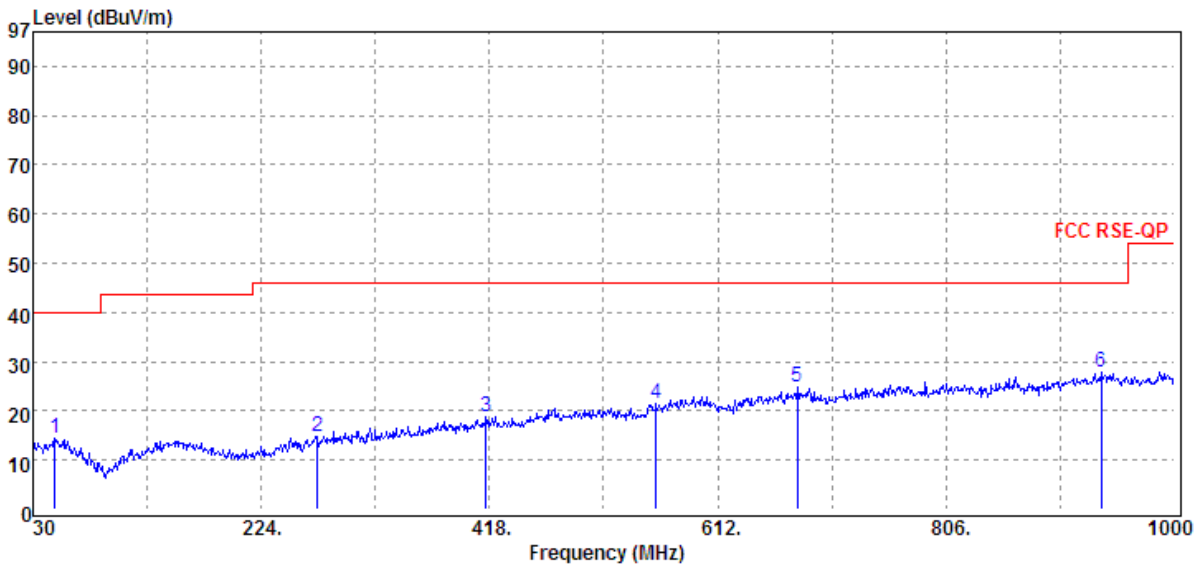
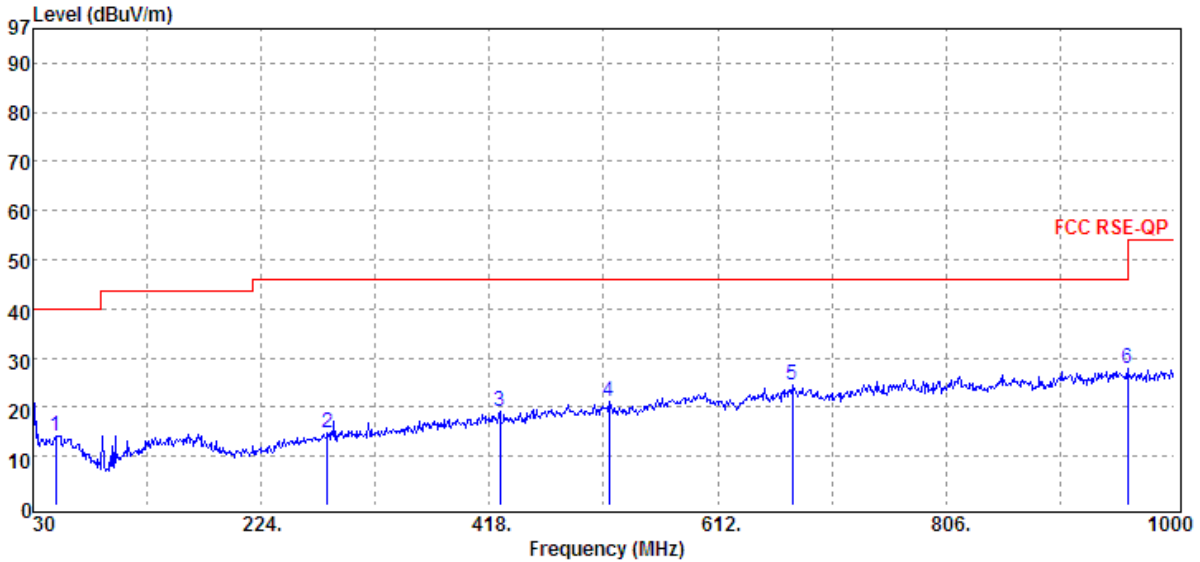


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**802.11a 5250-5350MHz**

|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

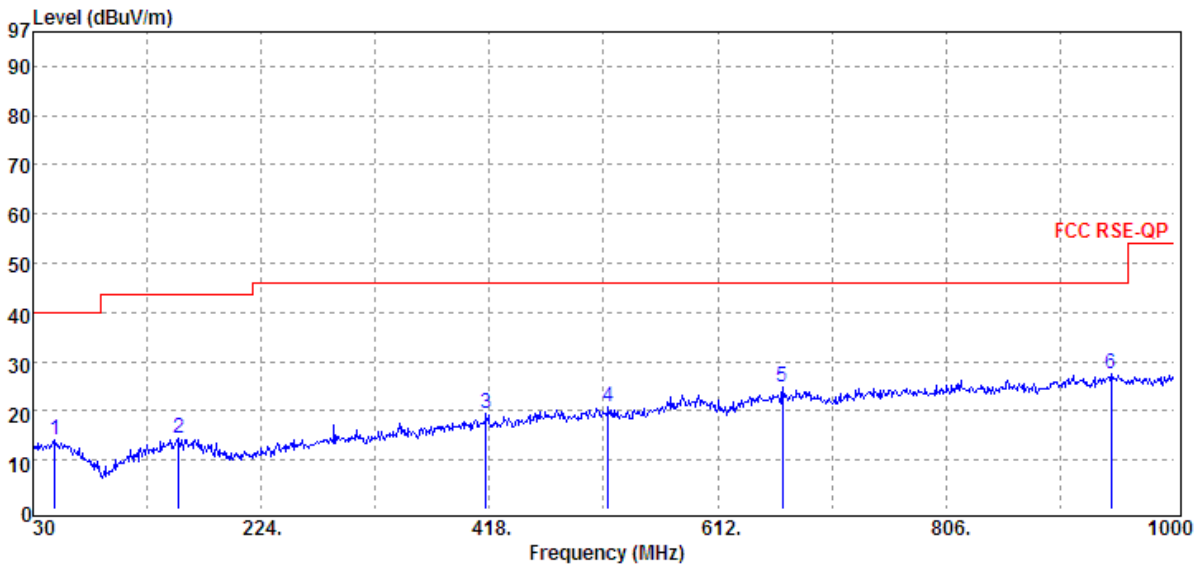
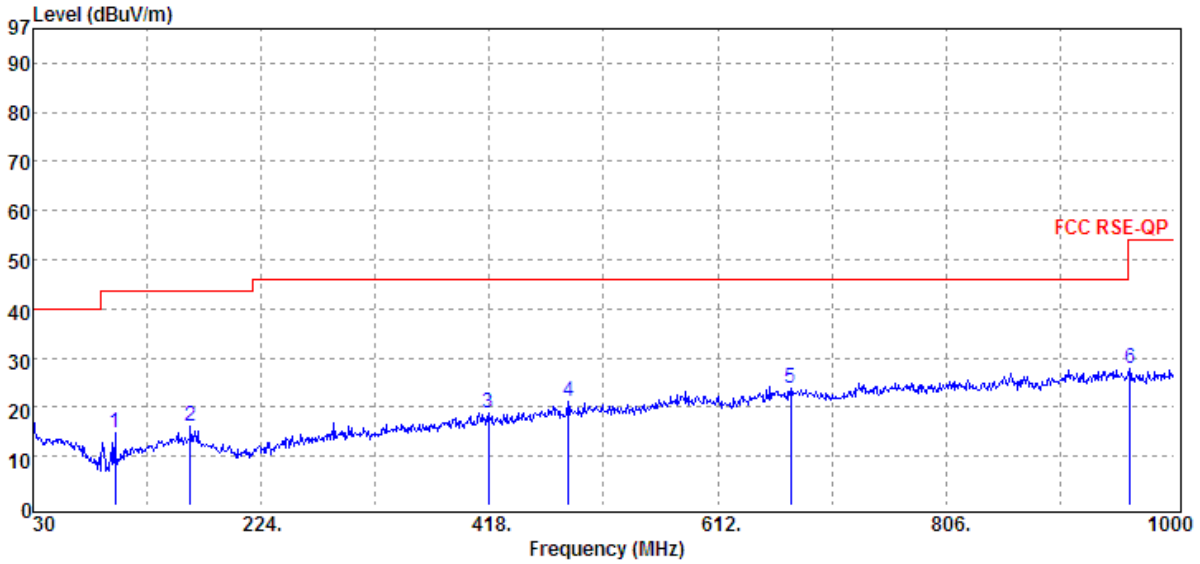


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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |



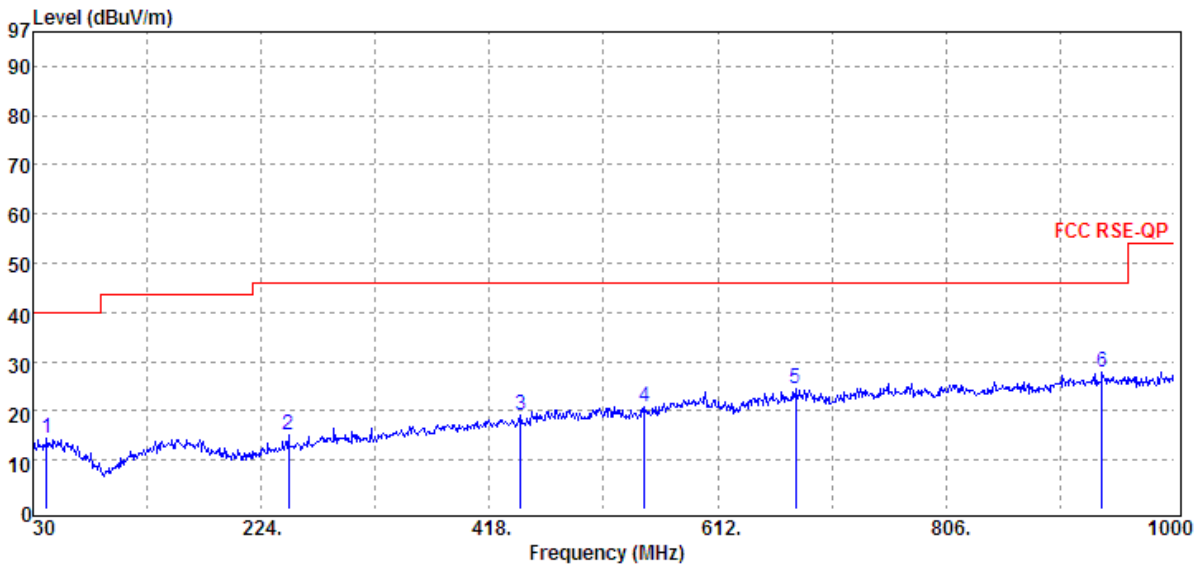
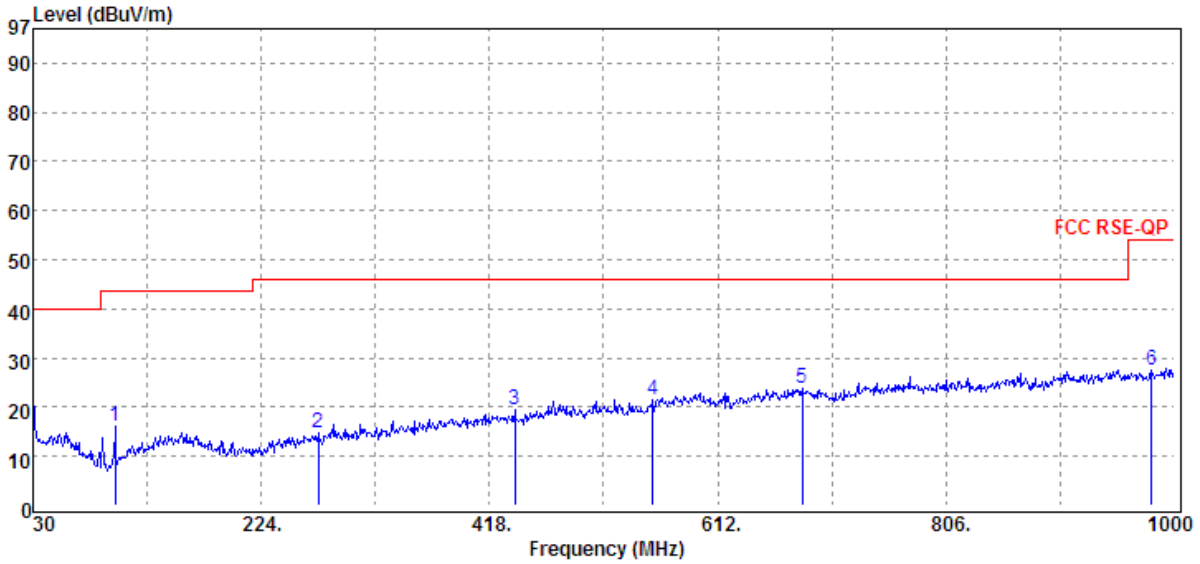
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

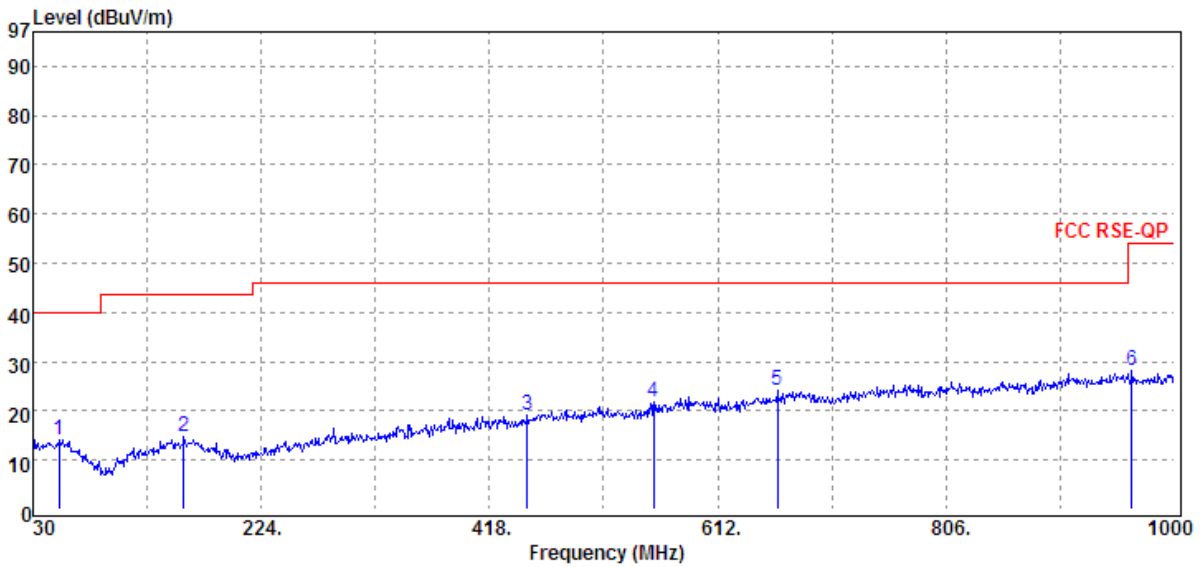
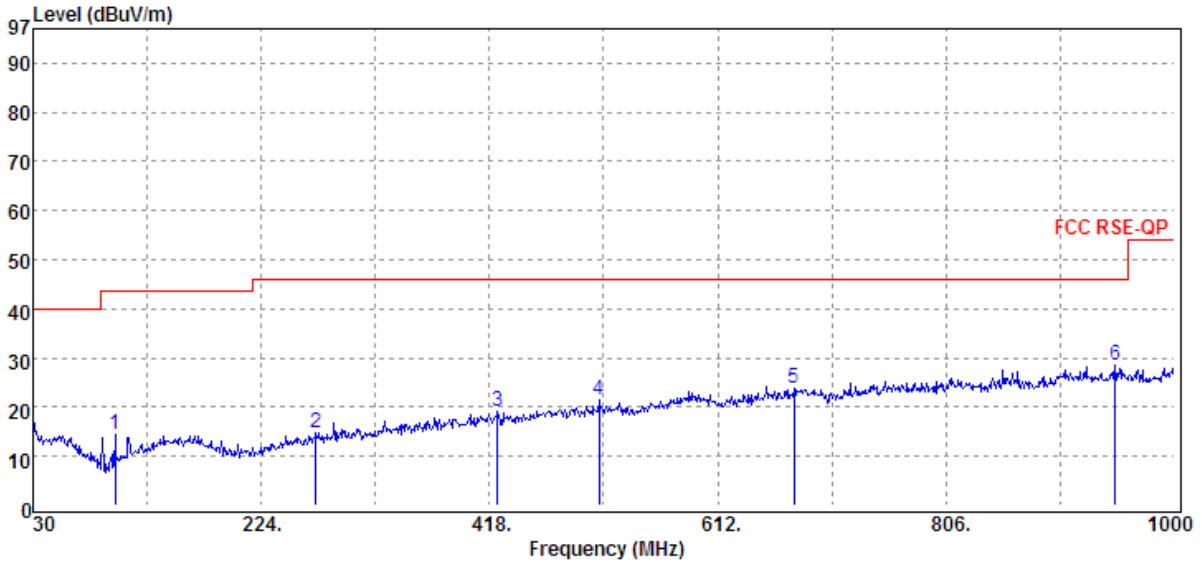


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**802.11a 5470-5725MHz**

|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5500 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

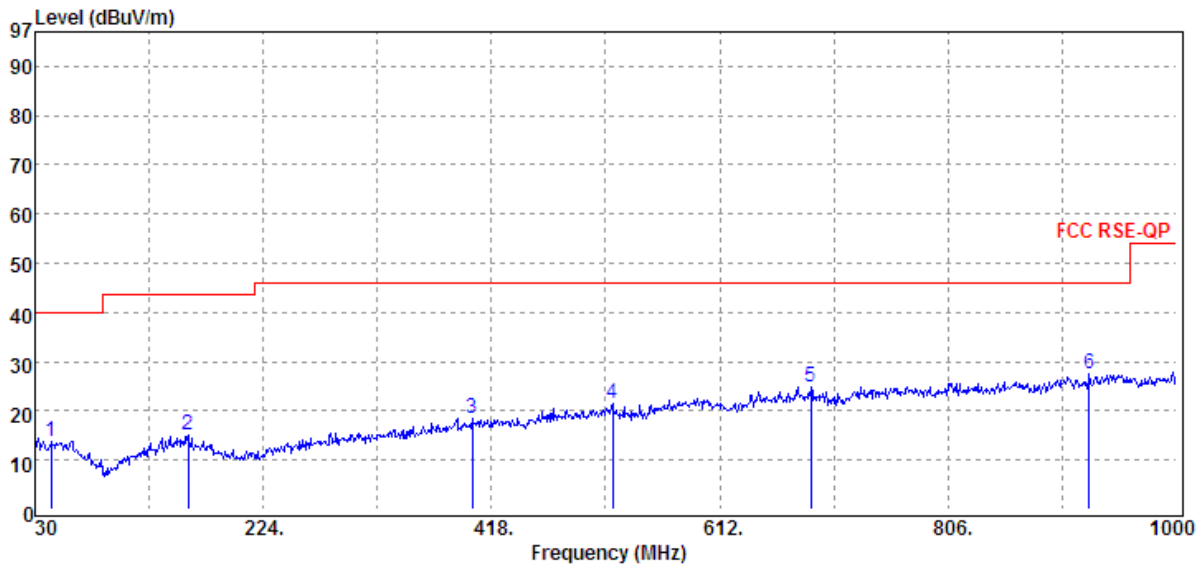
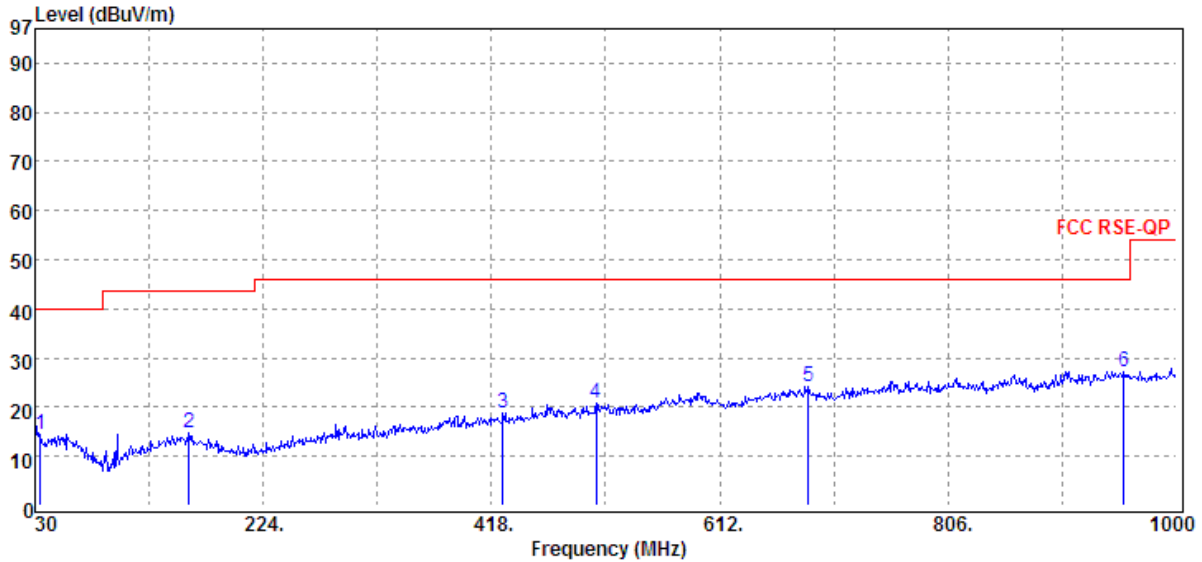


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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |

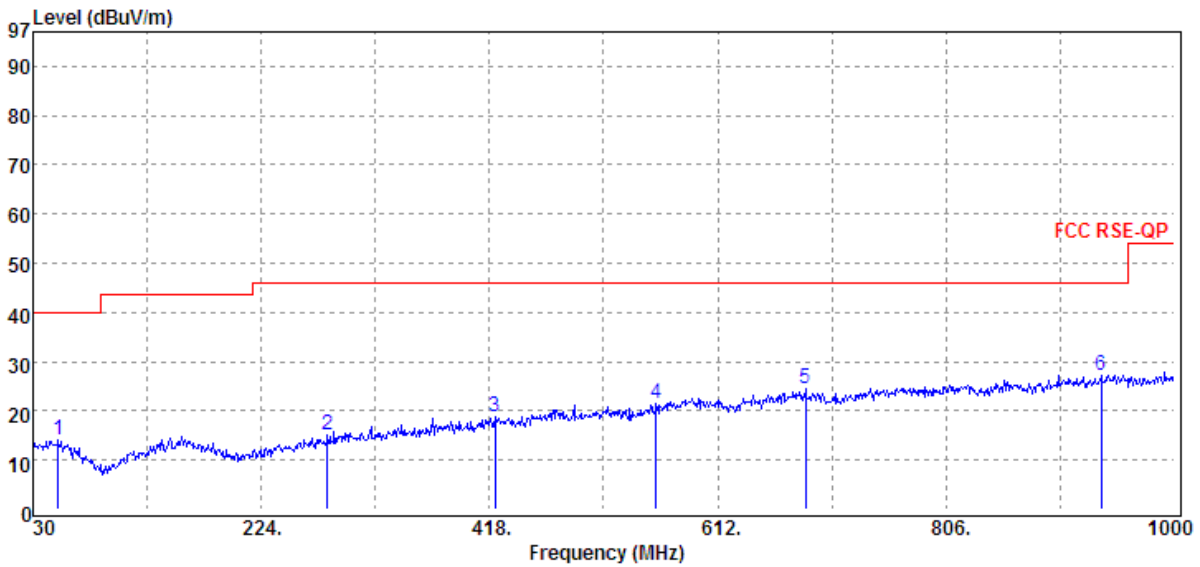
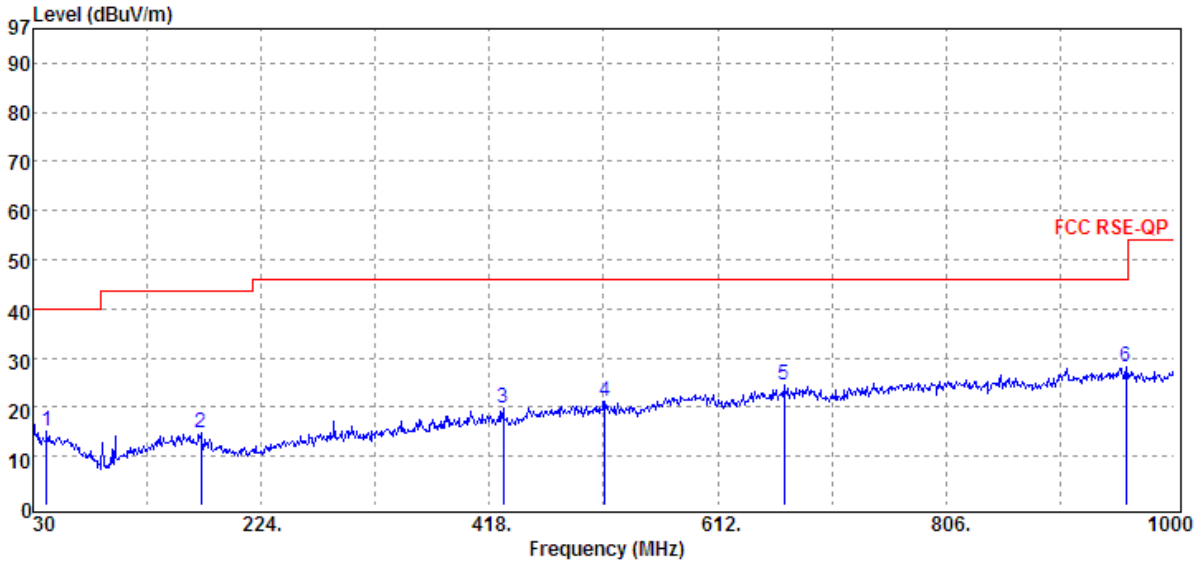


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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan  | Measurement Antenna Pol. | :Ver. / Hor.  |



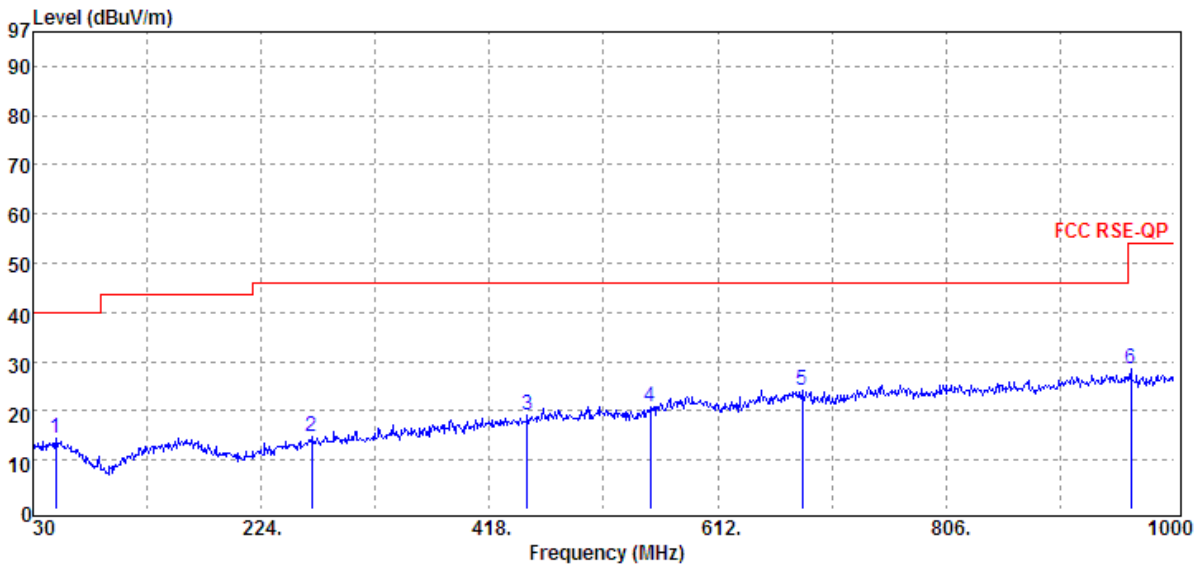
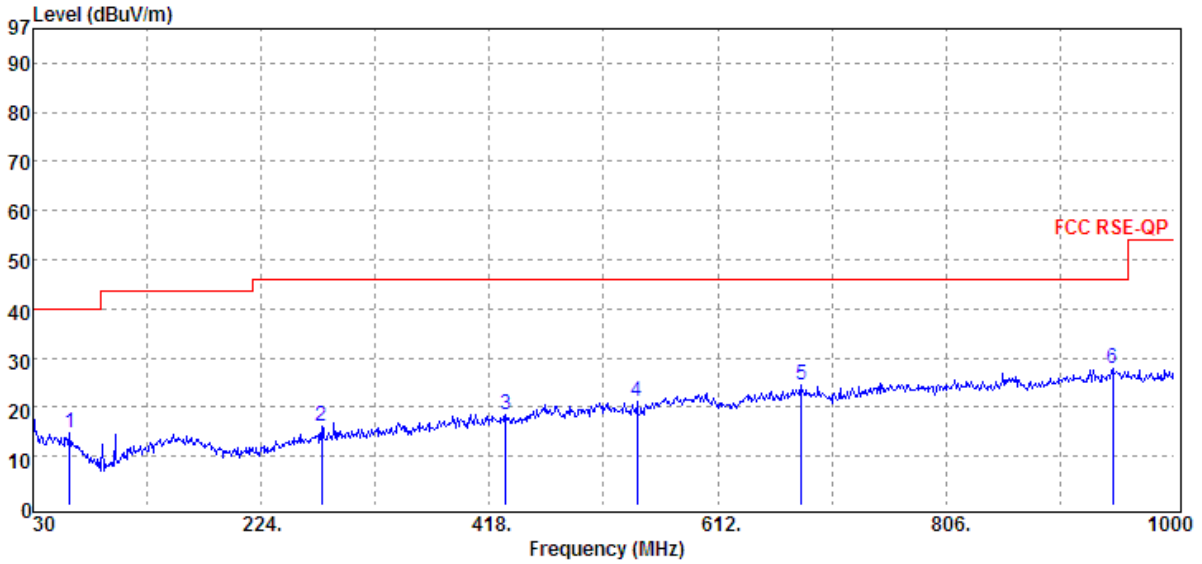
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**802.11n\_20M 5150-5250MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

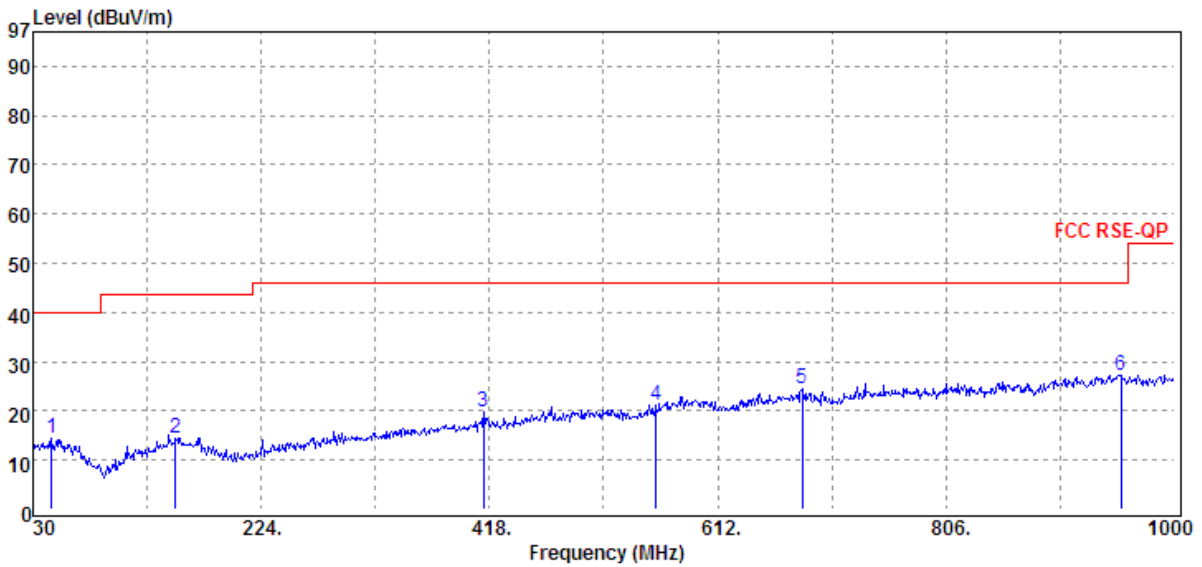
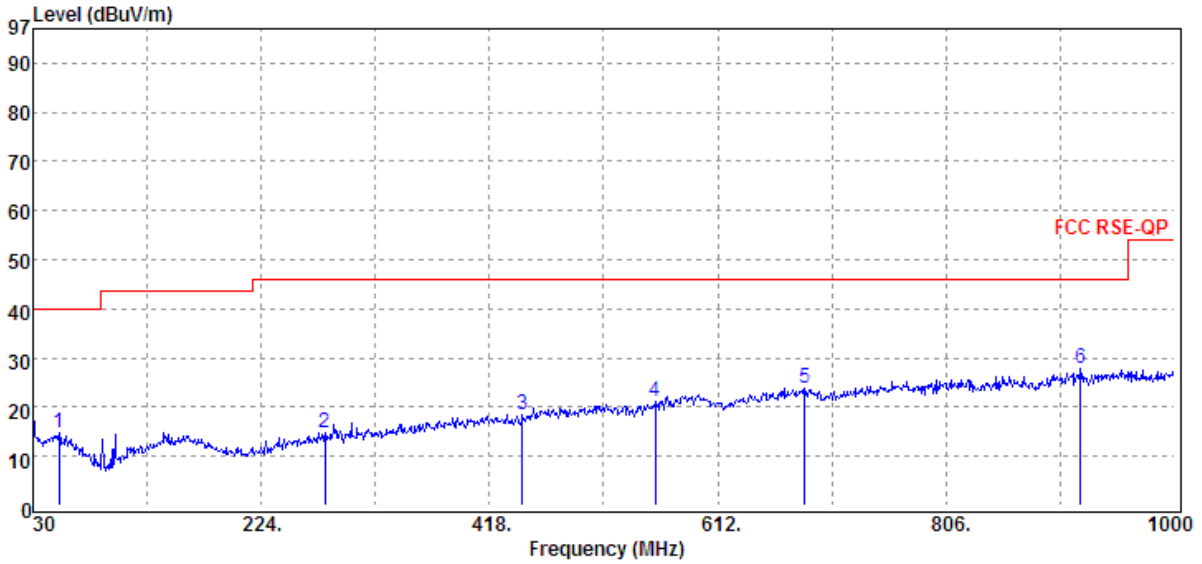


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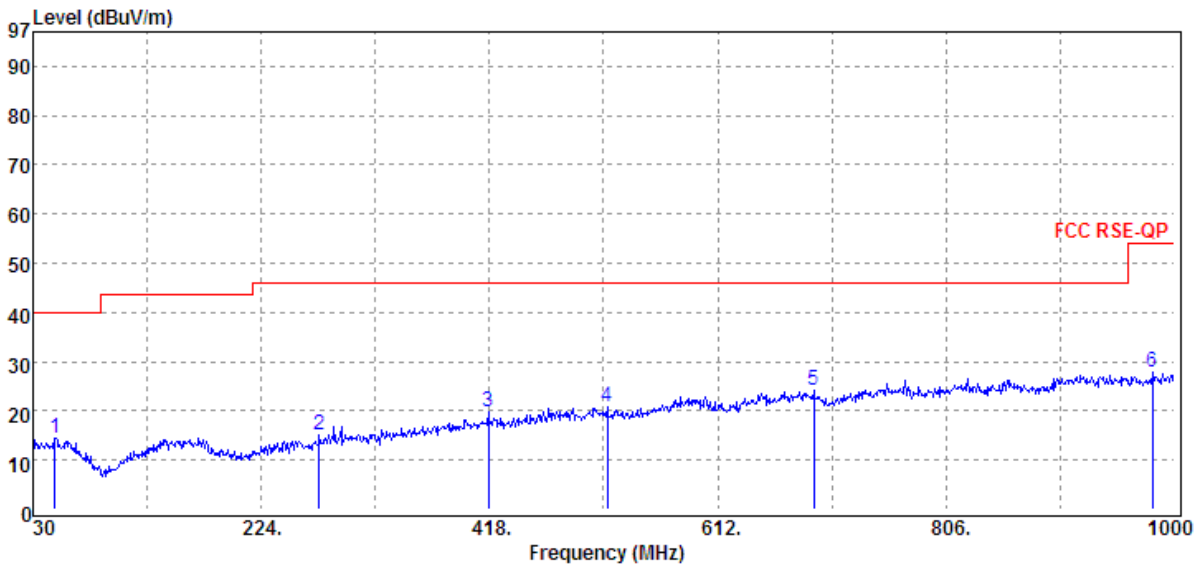
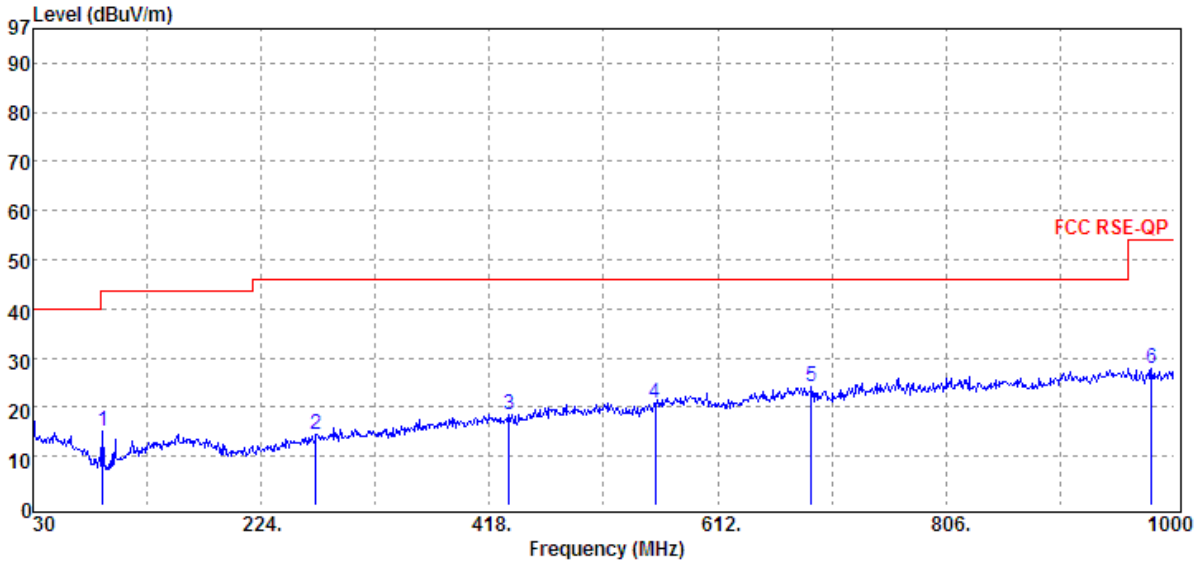
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



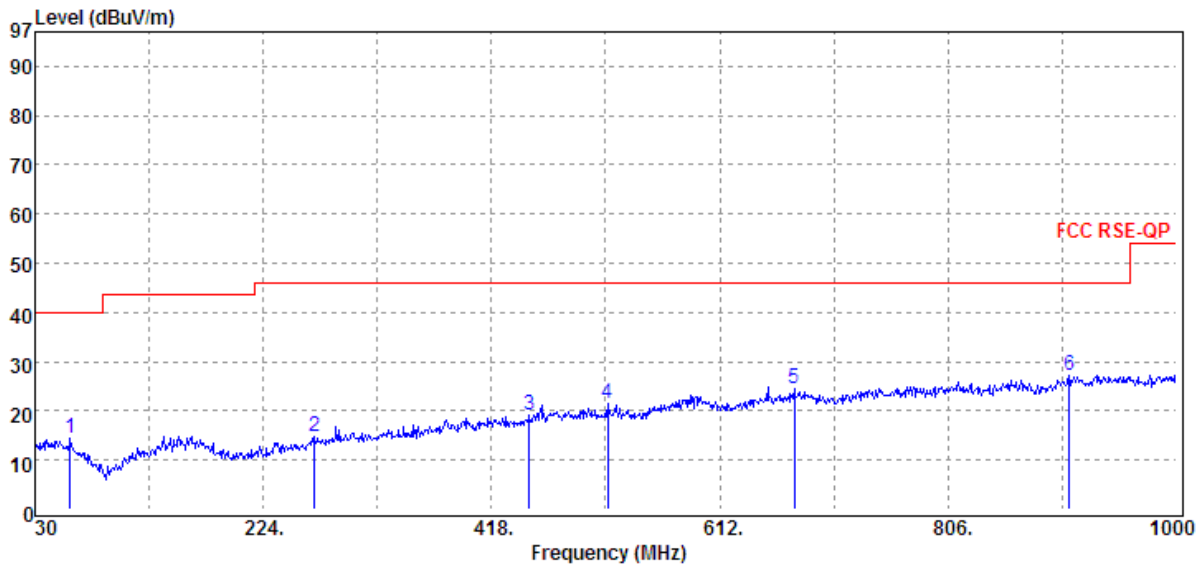
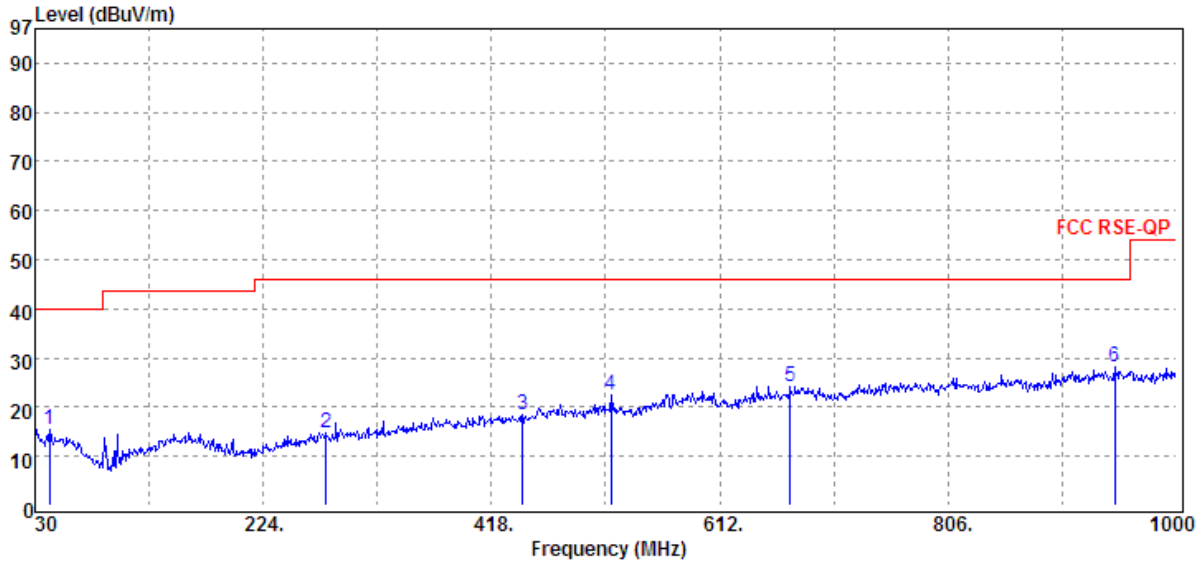
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**802.11n\_20M 5250-5350MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



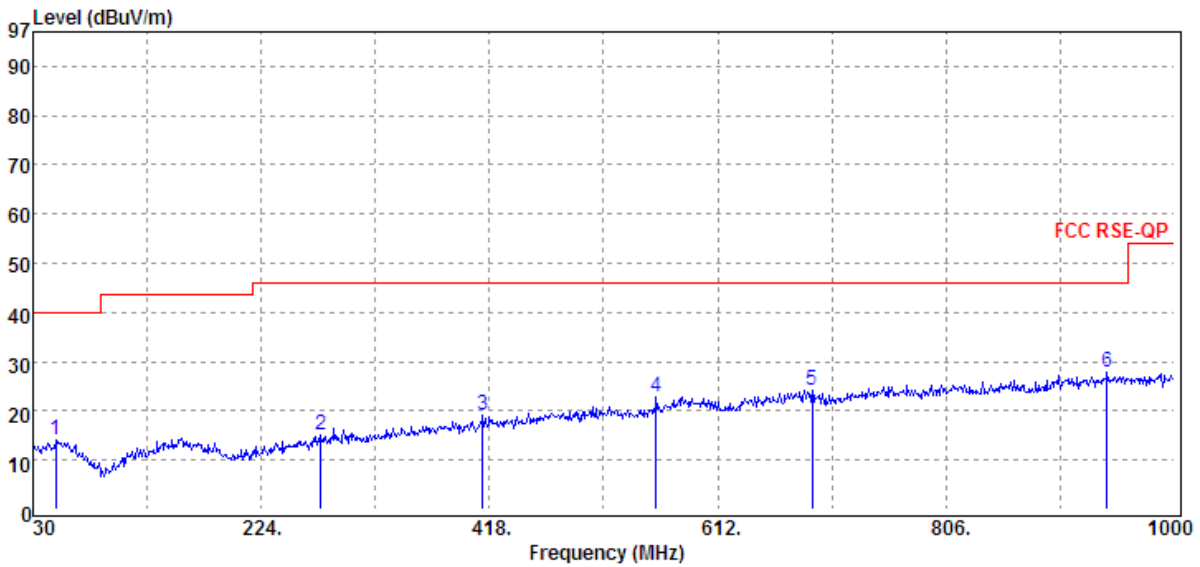
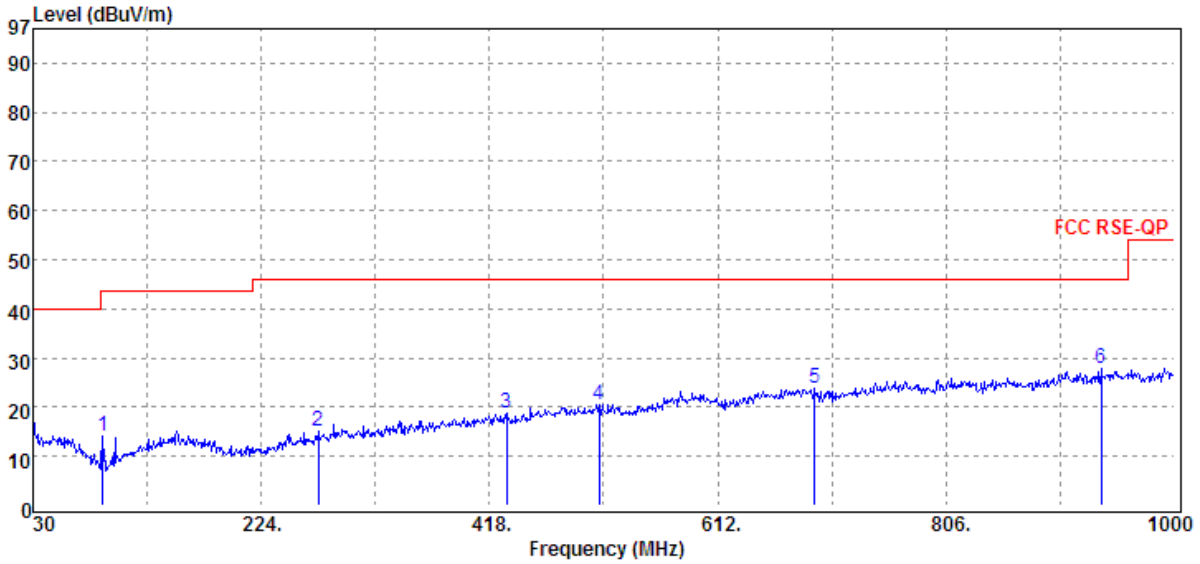
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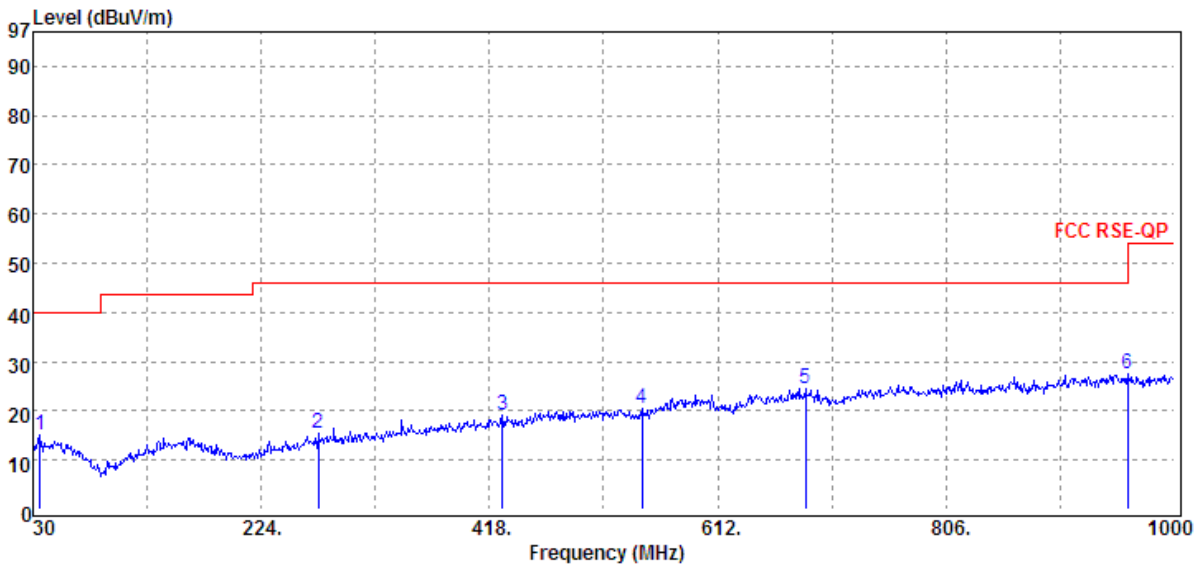
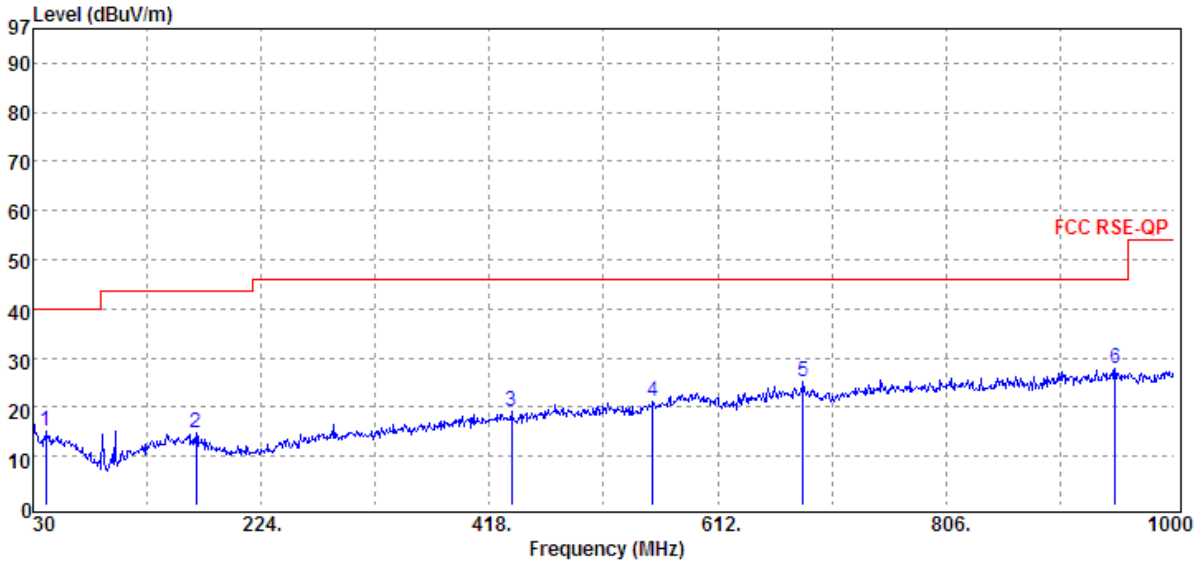
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



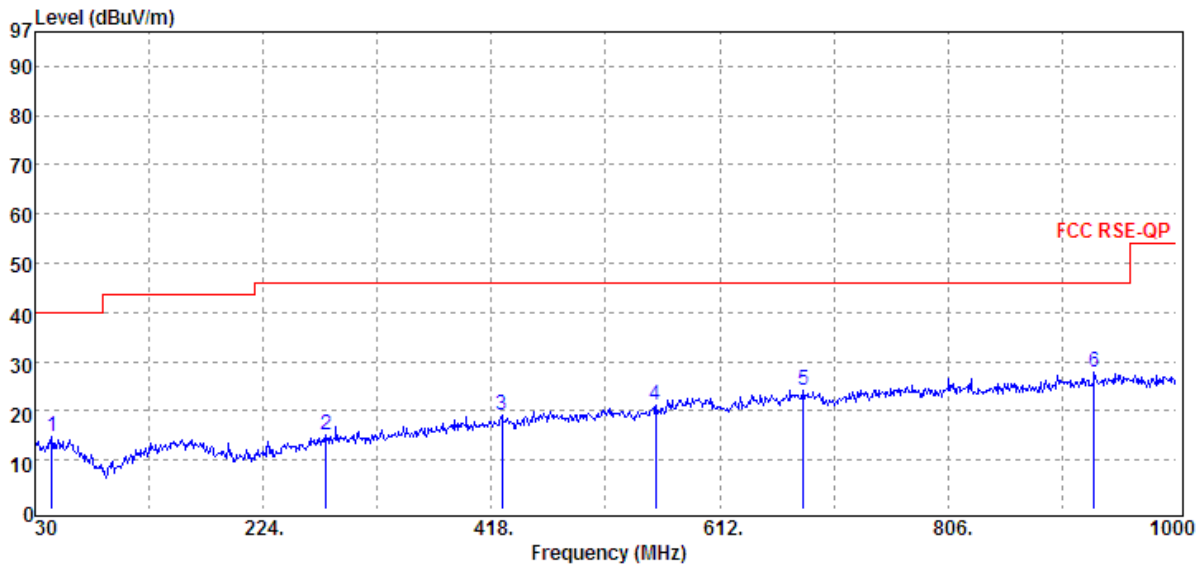
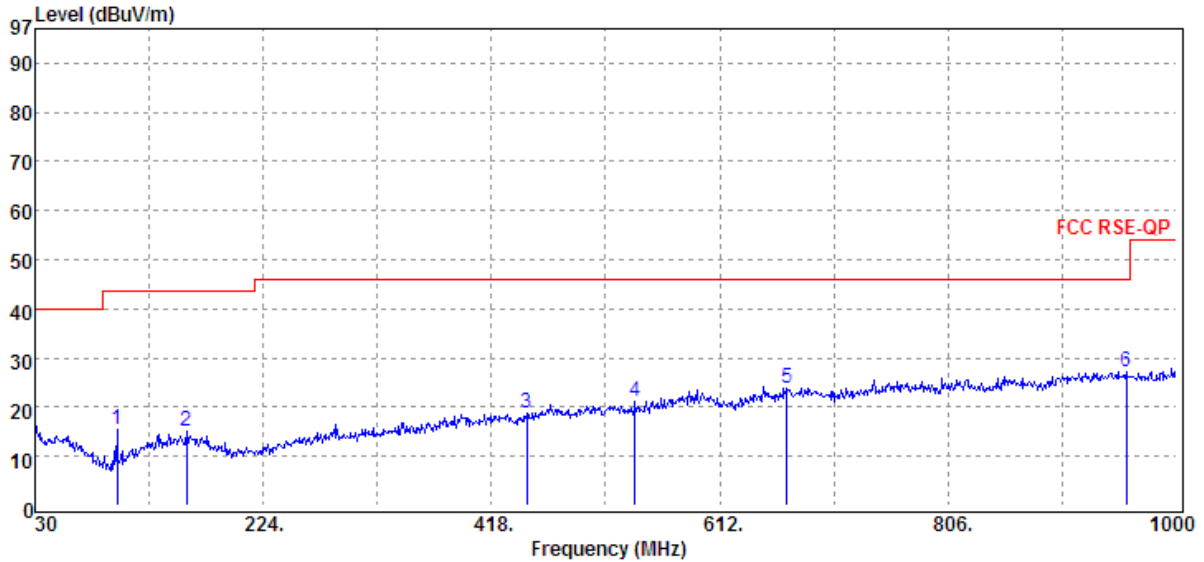
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**802.11n\_20M 5470-5725MHz**

Operation Band :802.11n20M  
 Fundamental Frequency :5500 MHz  
 Operation Mode :TX LOW  
 EUT Pol. : H Plan

Test Date :2014-03-19  
 Temp./Humi. :23deg\_C/52RH  
 Engineer :Allen  
 Measurement Antenna Pol. :Ver. / Hor.

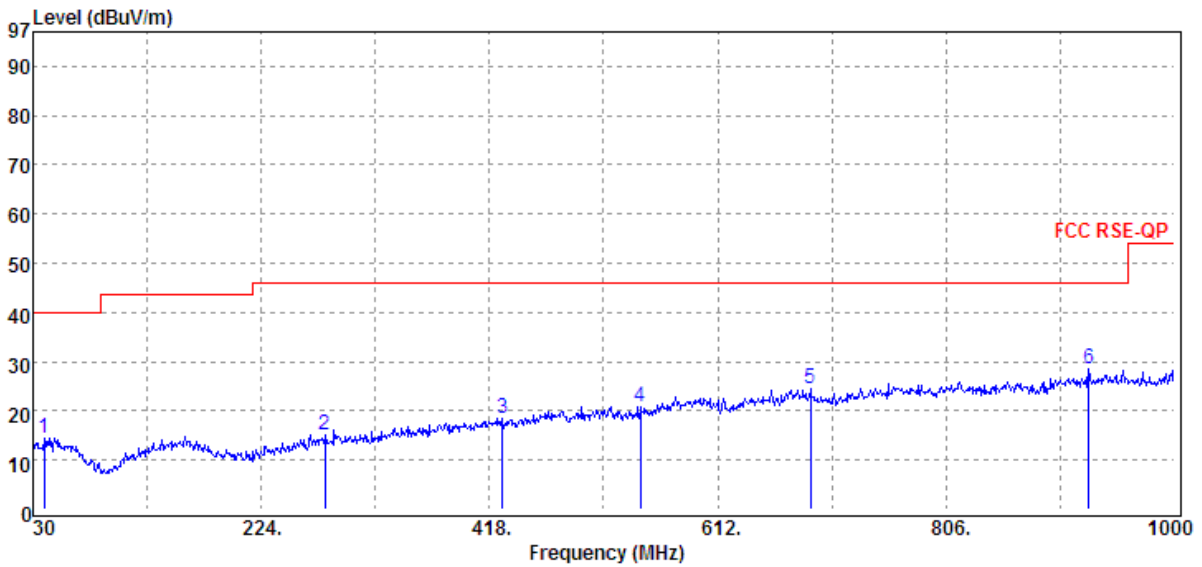
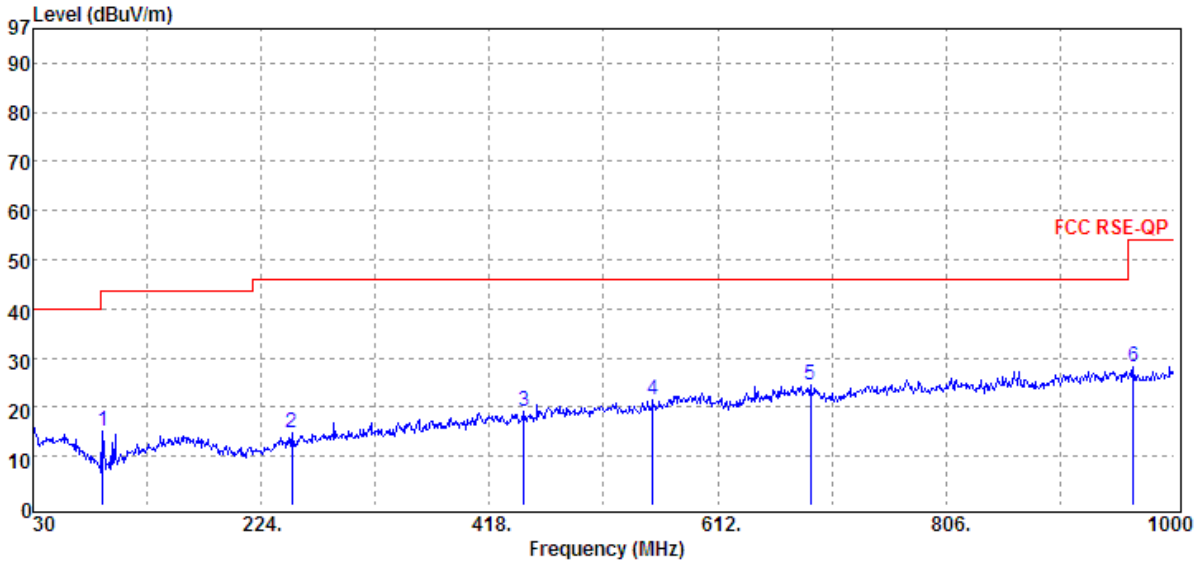


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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

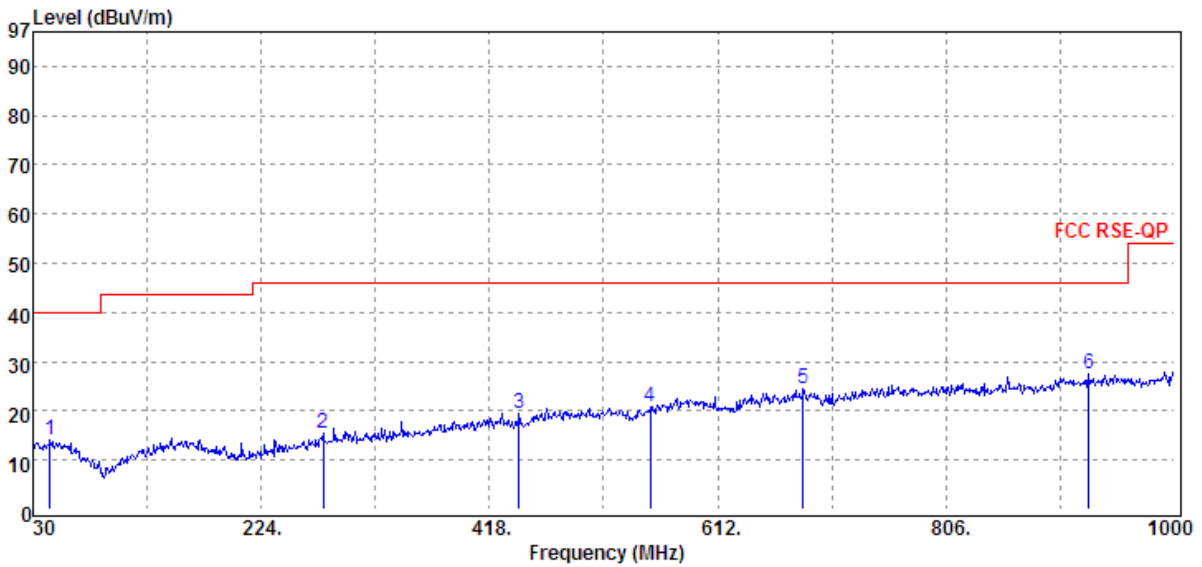
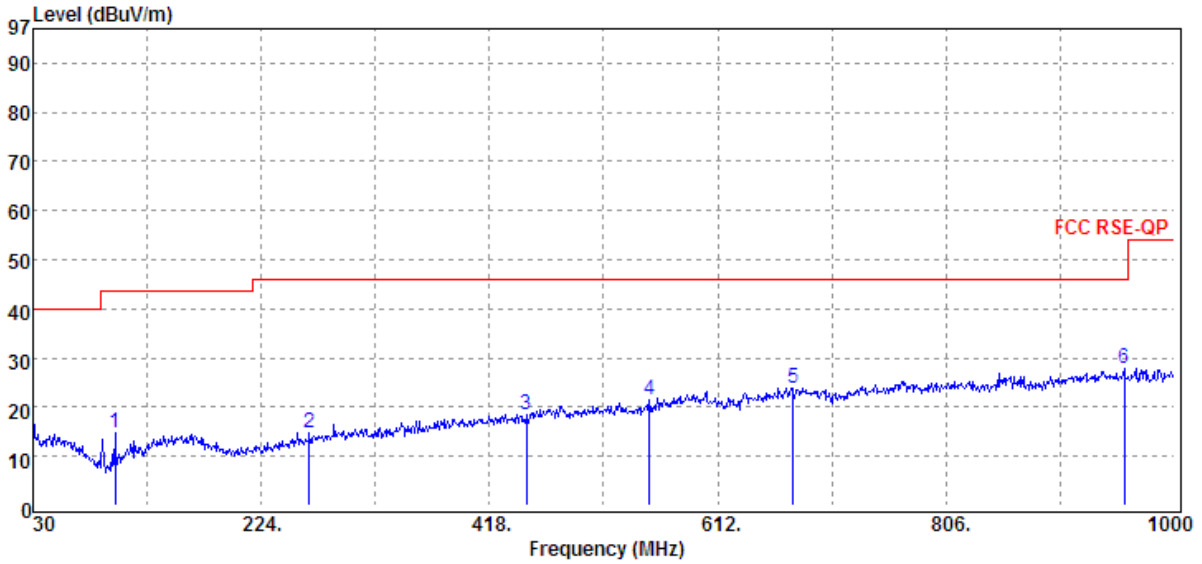


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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

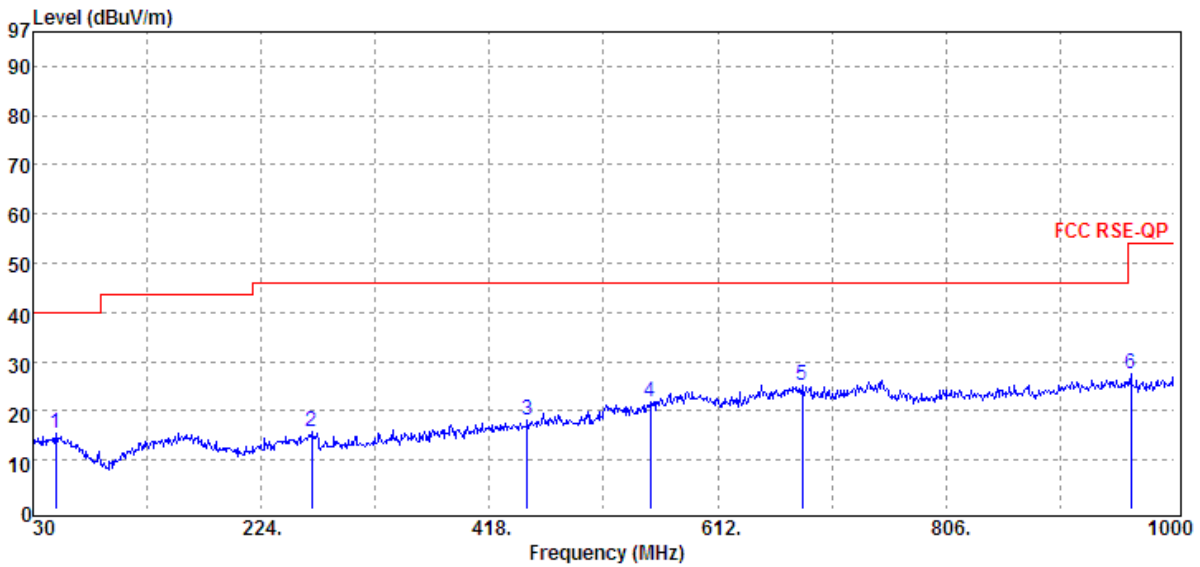
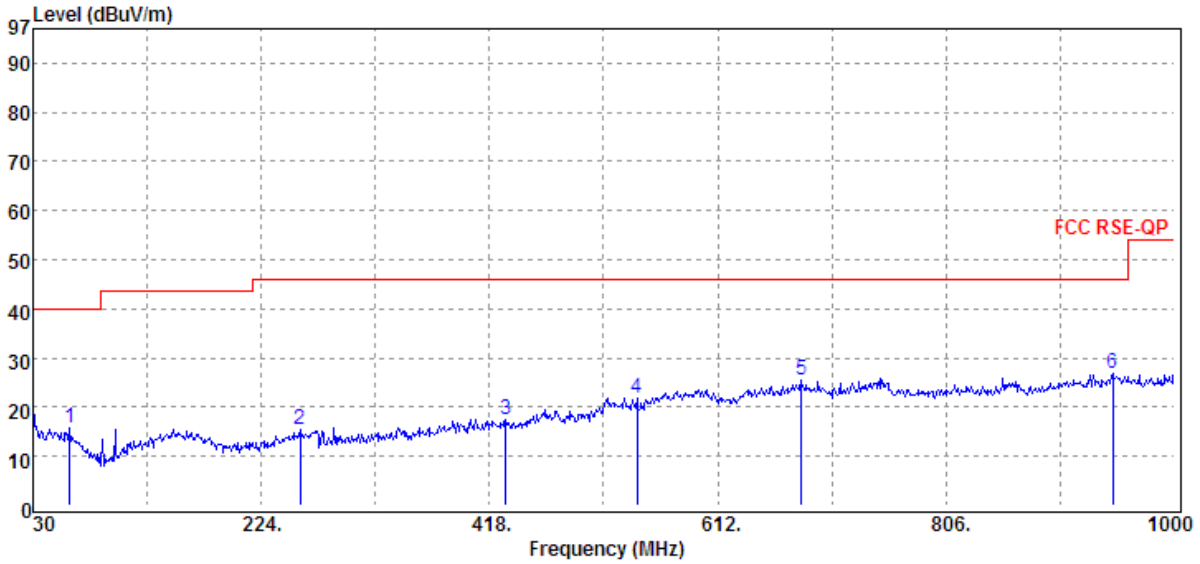


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**802.11n\_40M 5150-5250MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5190 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

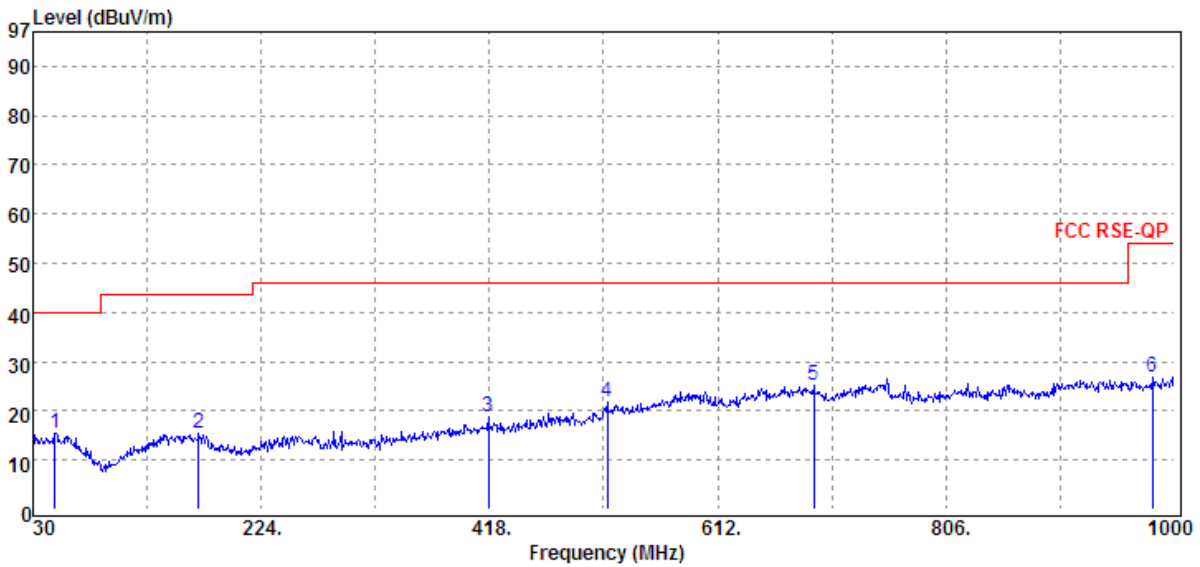
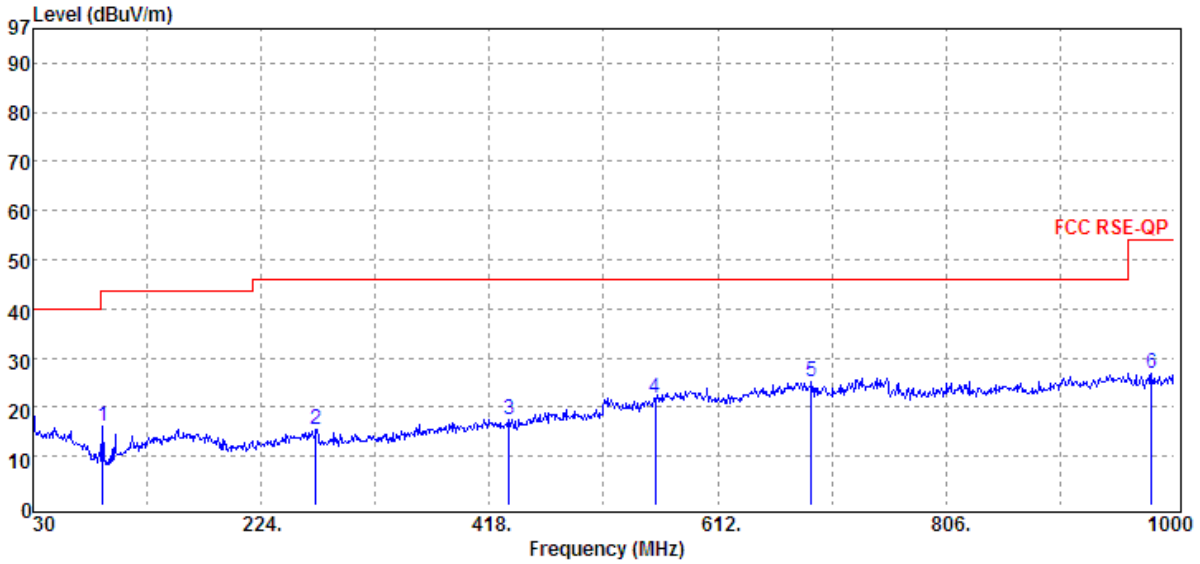


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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5230 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



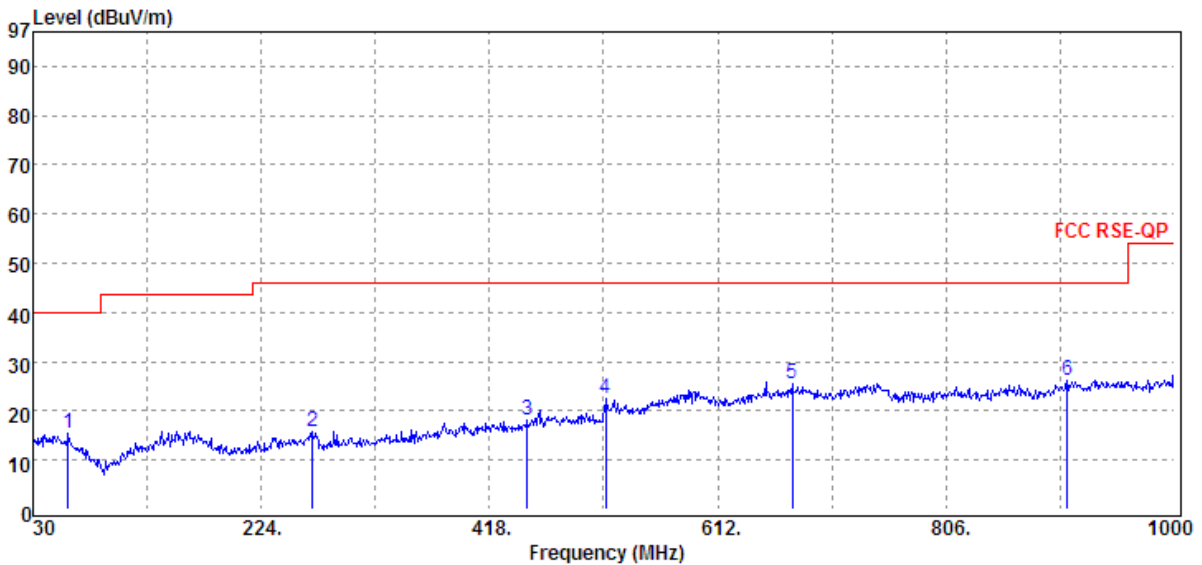
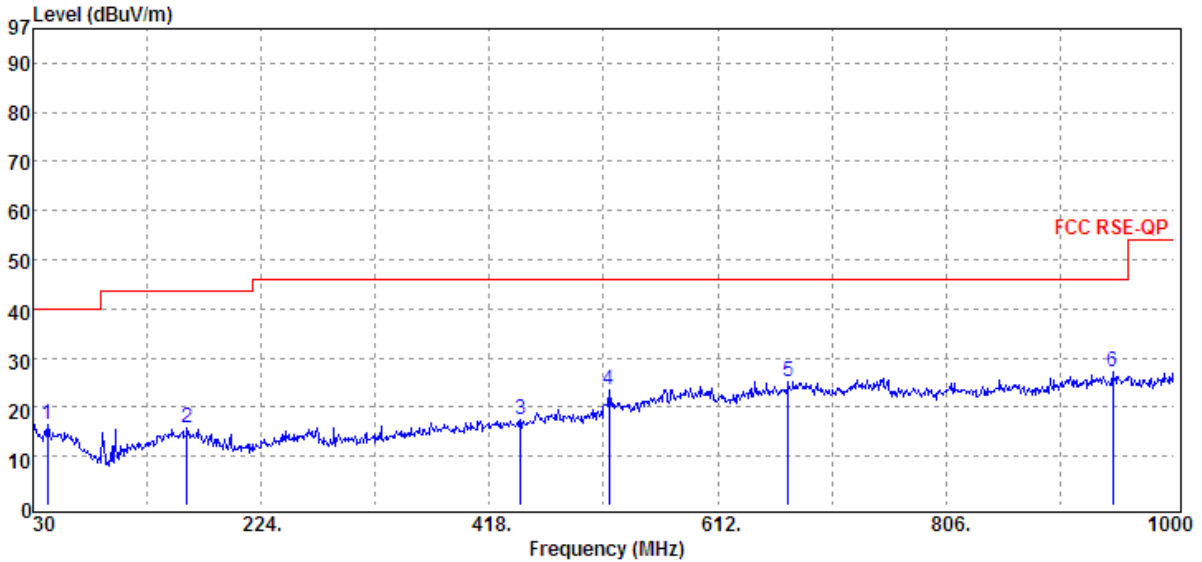
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**802.11n\_40M 5250-5350MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5270 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

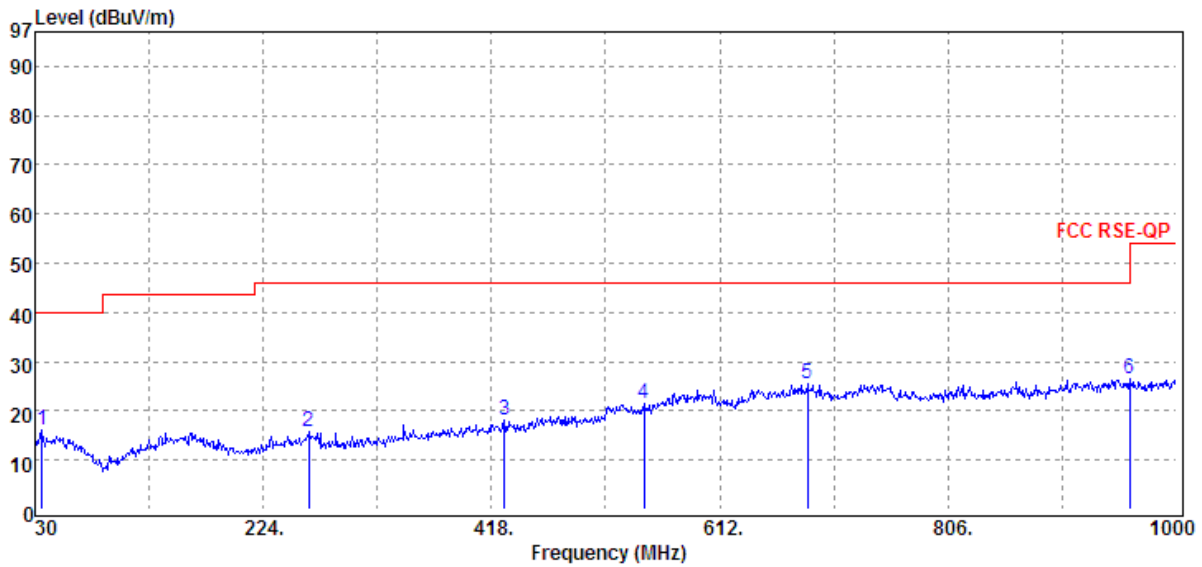
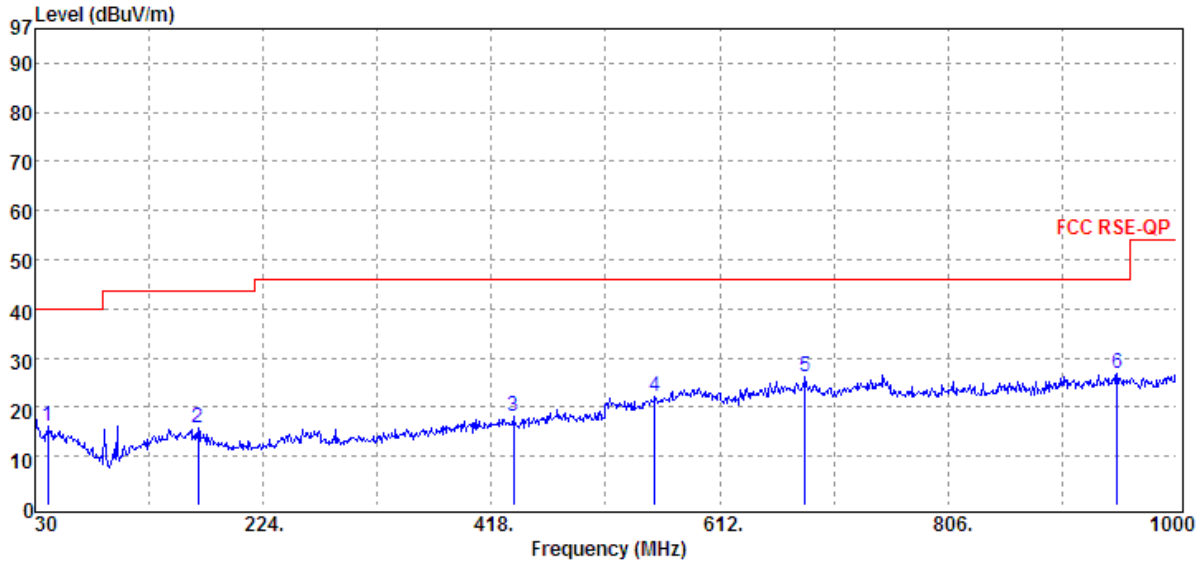


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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5310 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

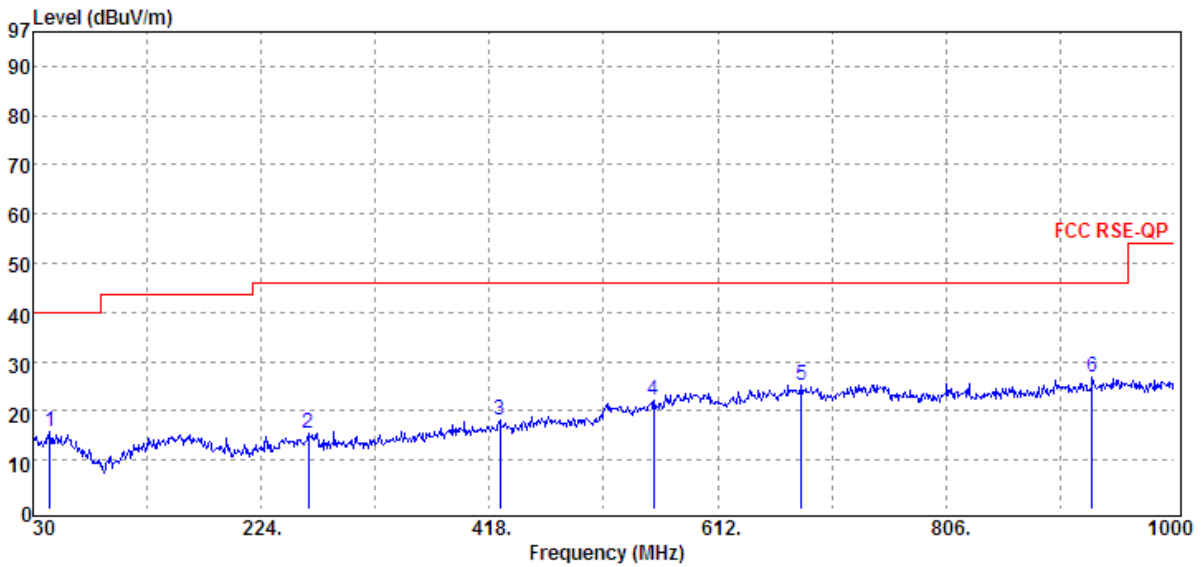
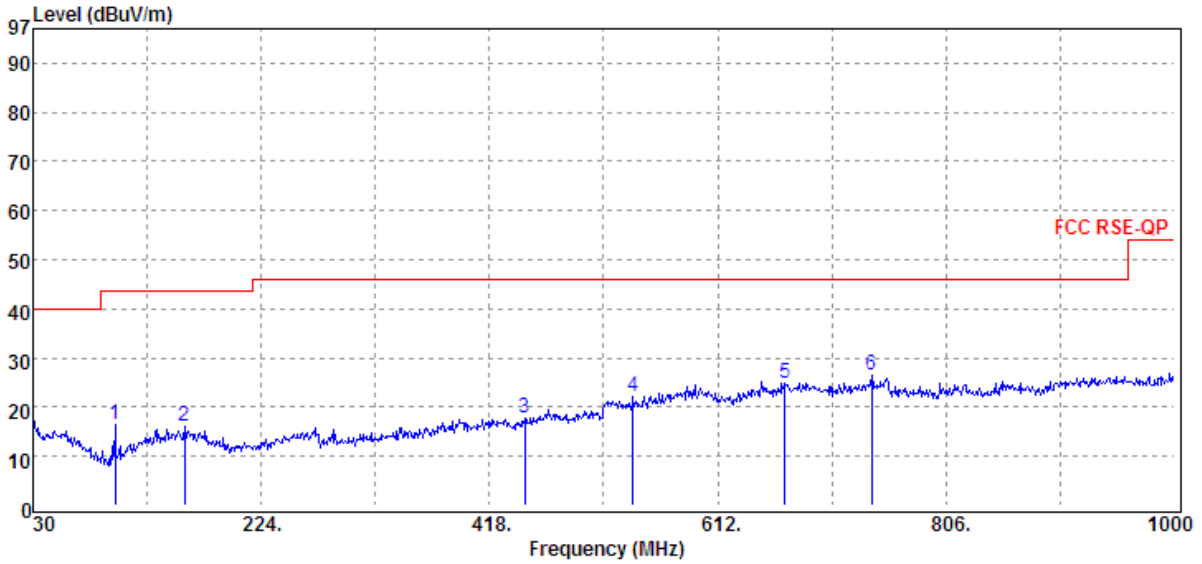


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**802.11n\_40M 5470-5725MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5510 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |

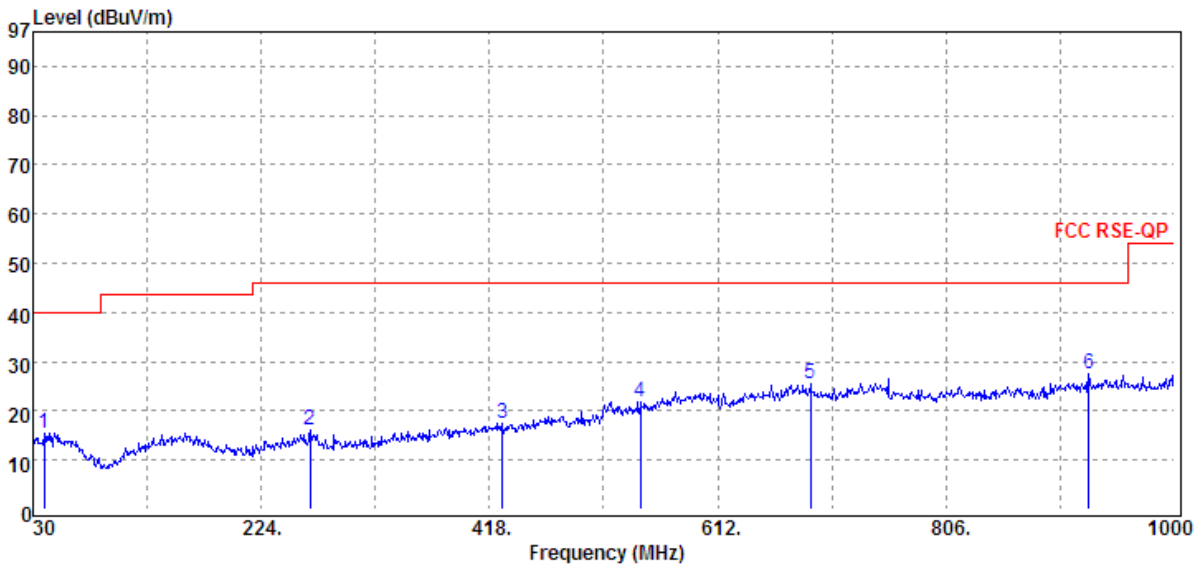
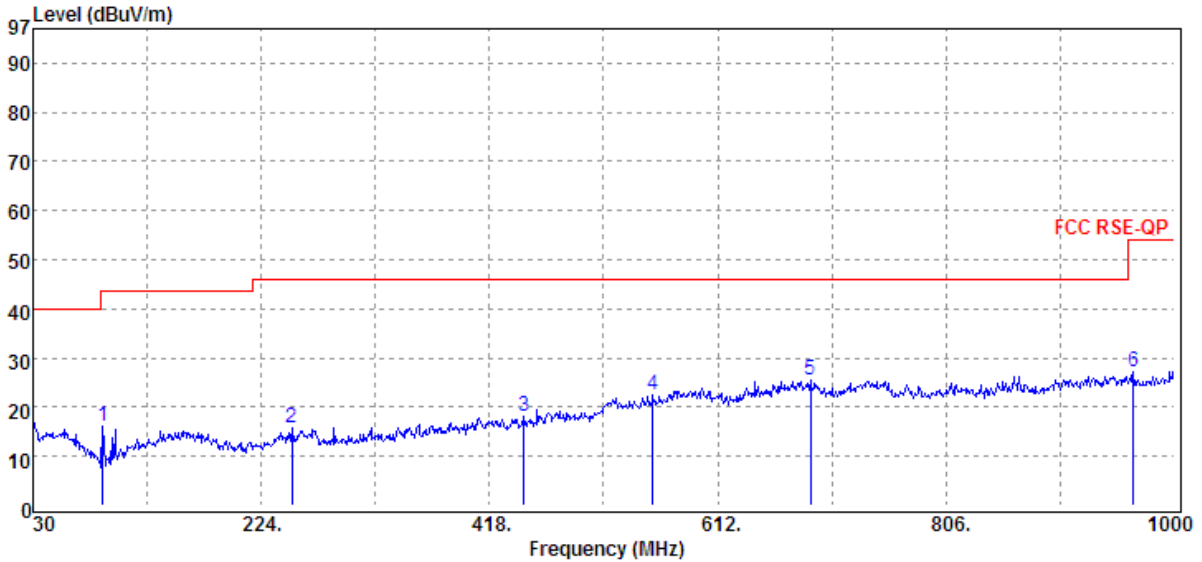


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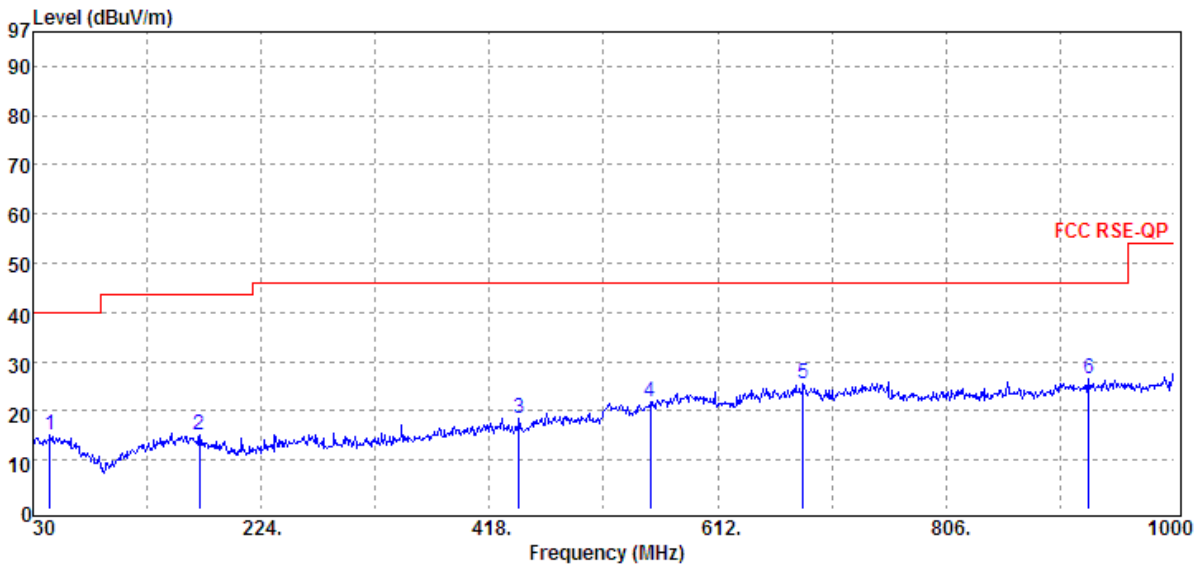
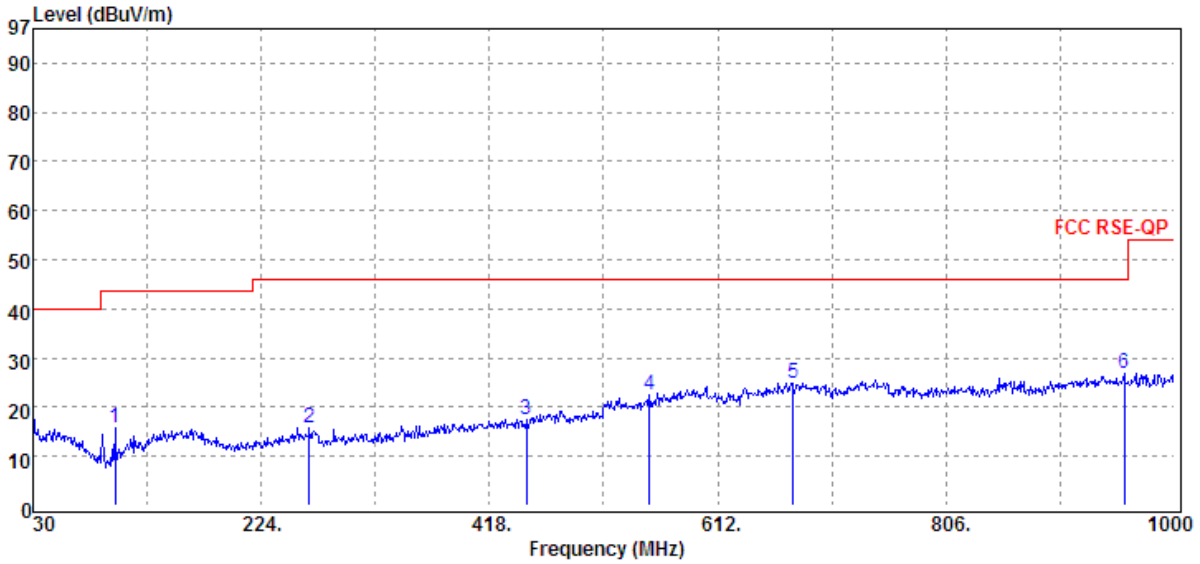
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5550 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5670 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allen        |
| EUT Pol.              | : H Plan    | Measurement Antenna Pol. | :Ver. / Hor.  |



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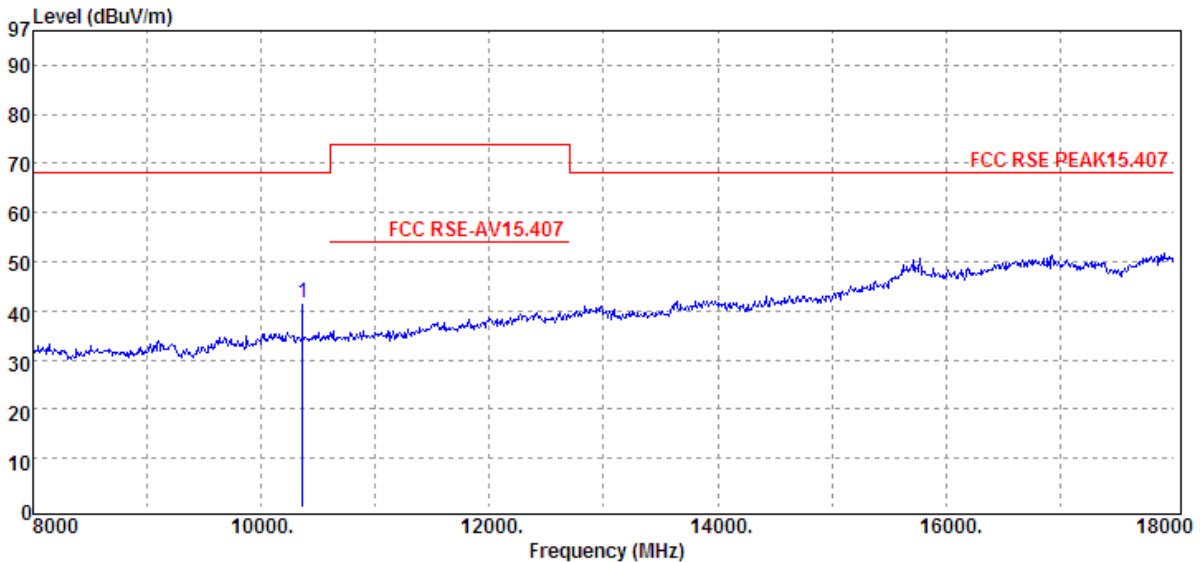
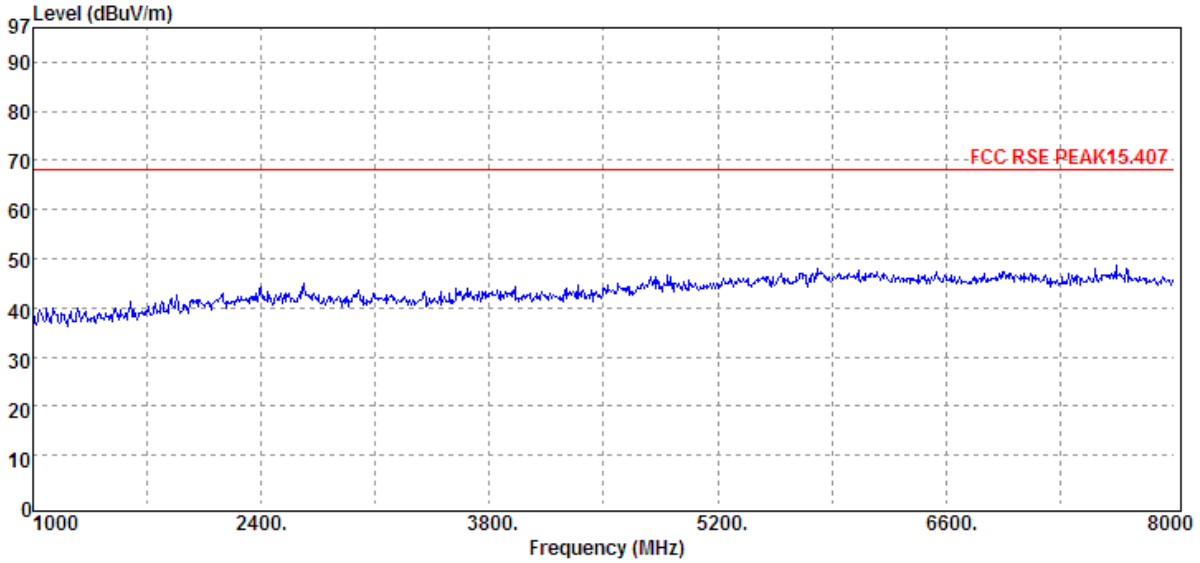
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**Radiated Spurious Emission Measurement photos Result (above 1GHz)**

**802.11a 5150-5250MHz**

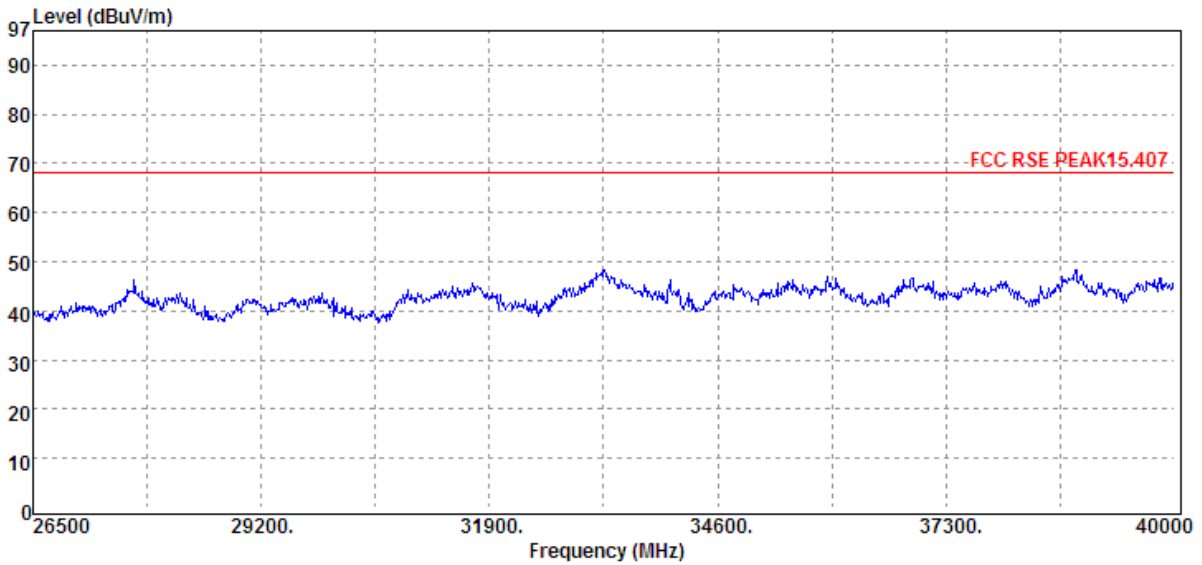
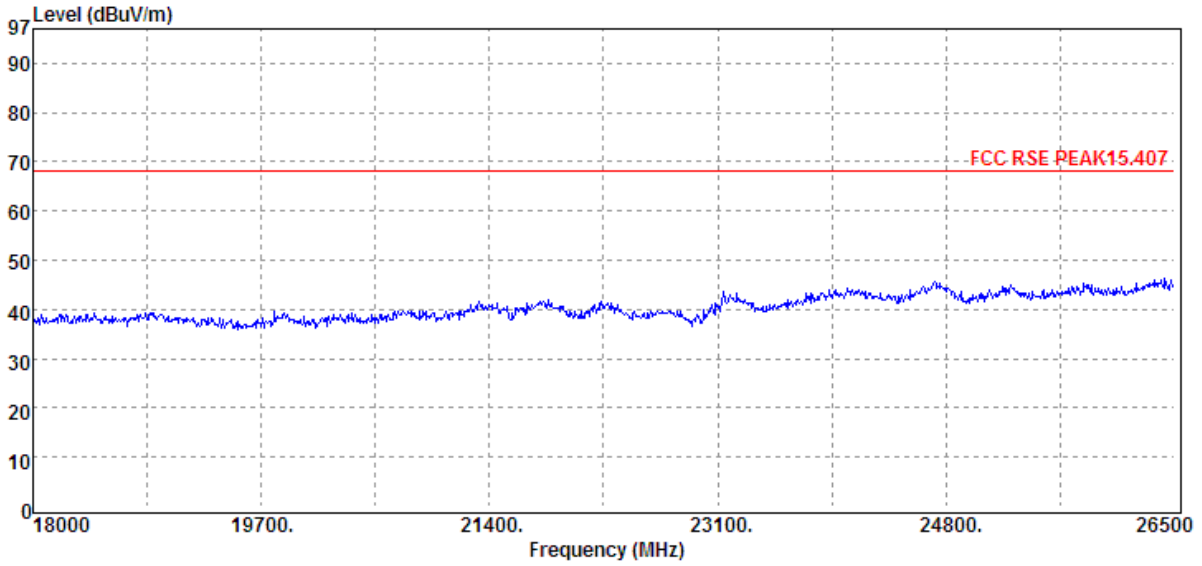
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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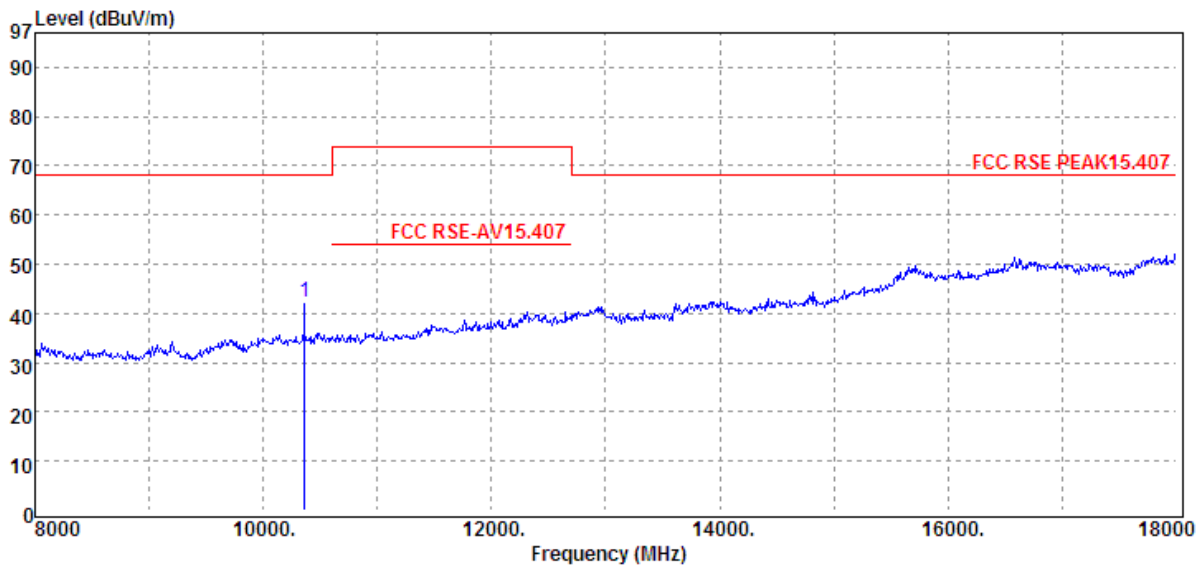
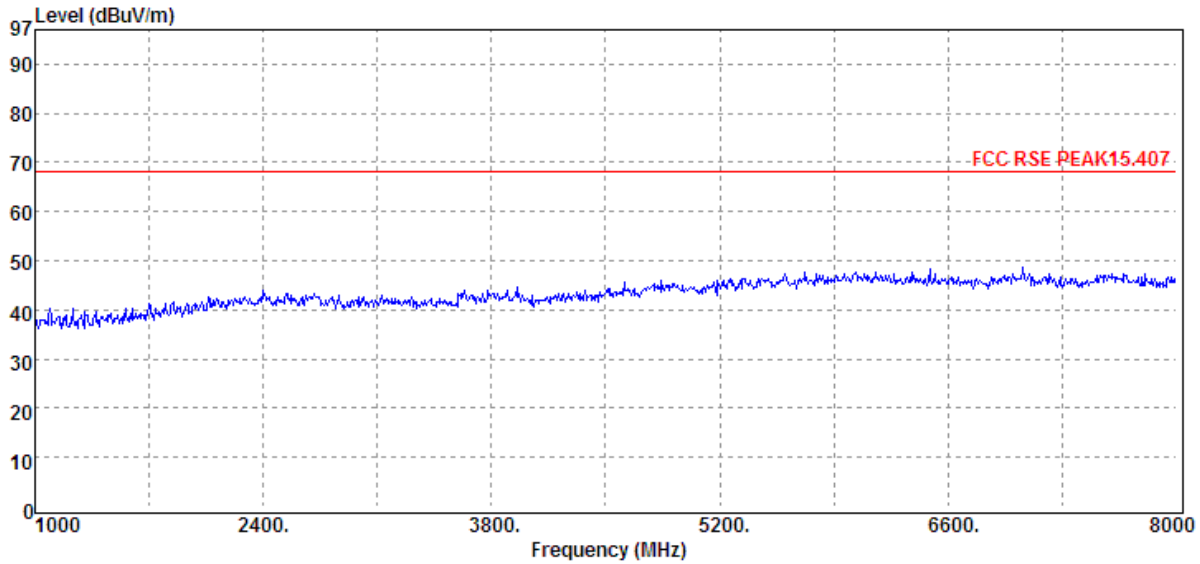
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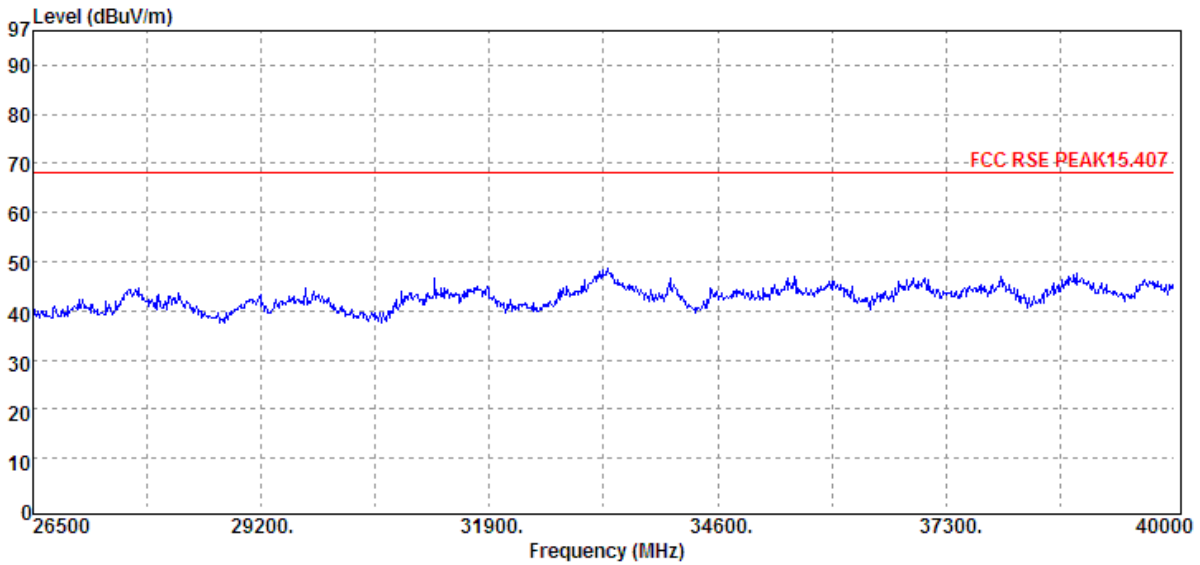
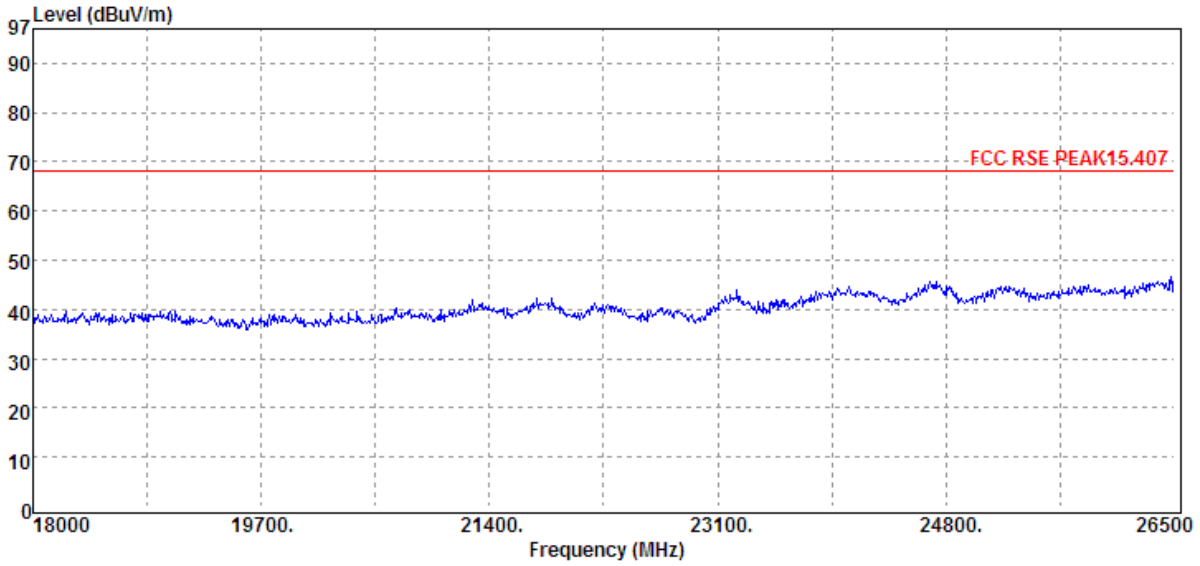
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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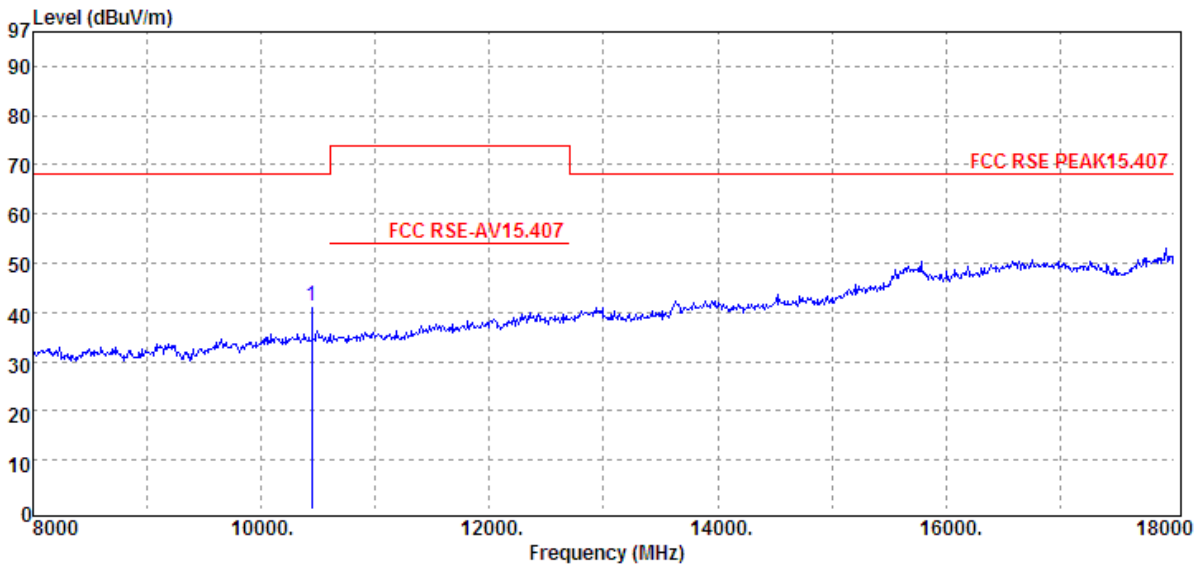
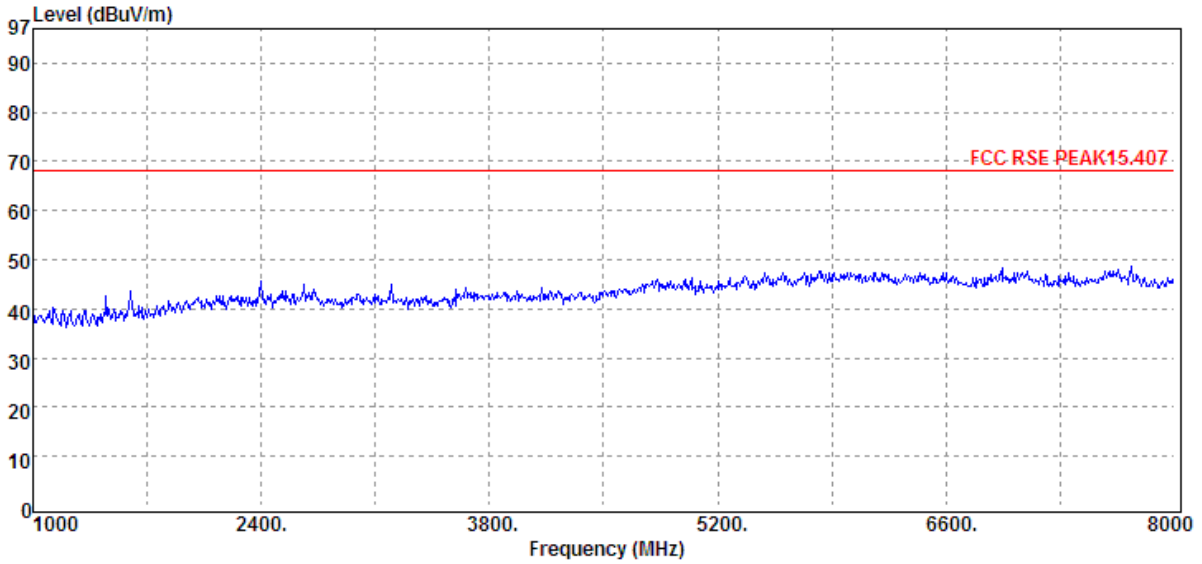
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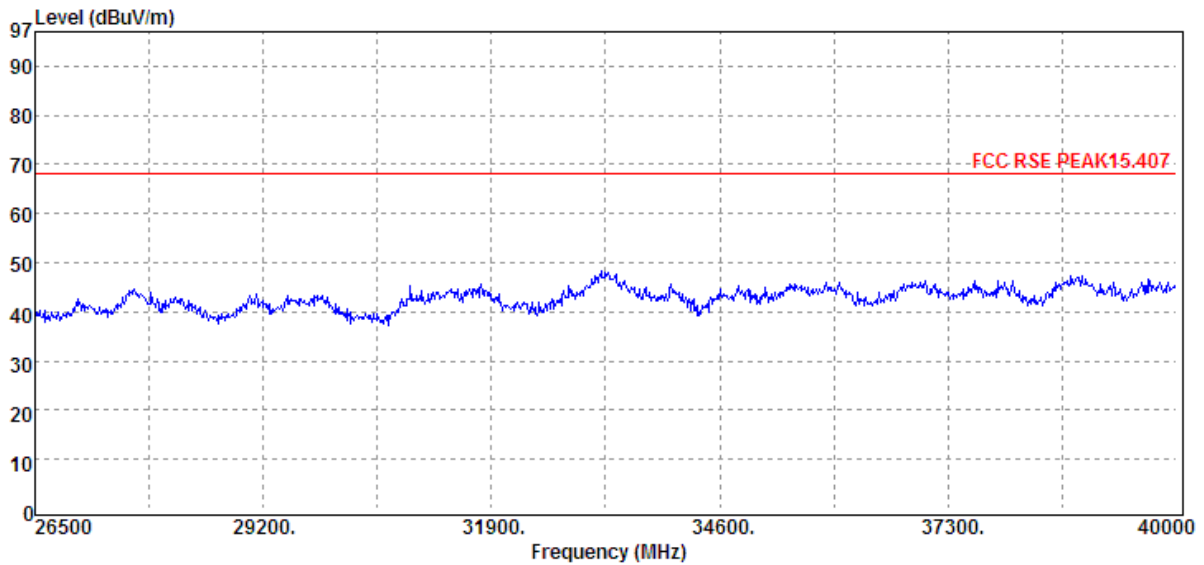
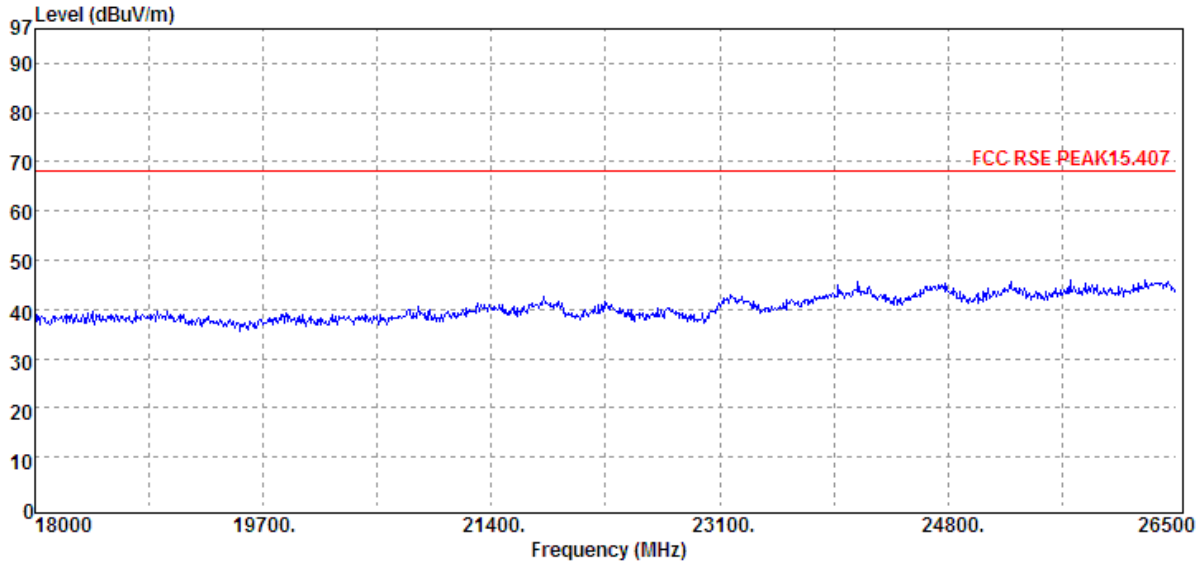
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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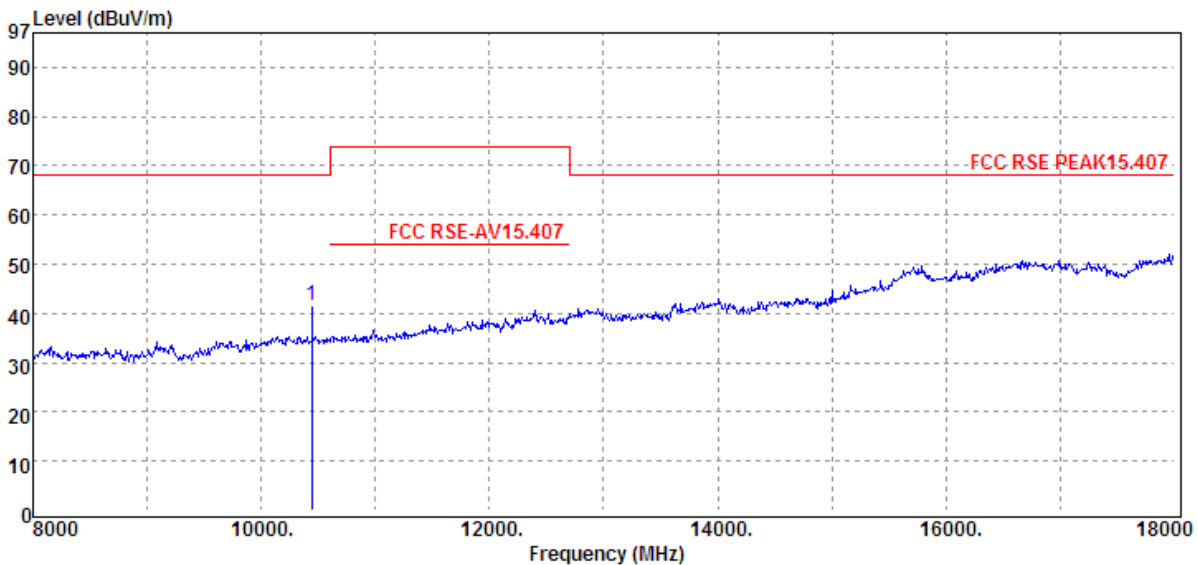
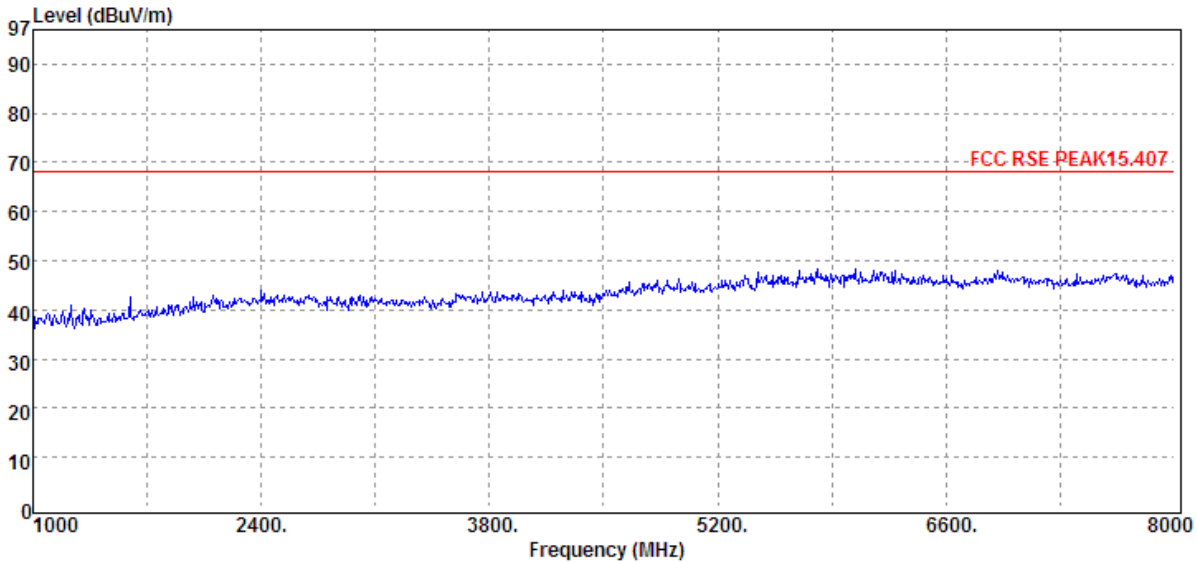


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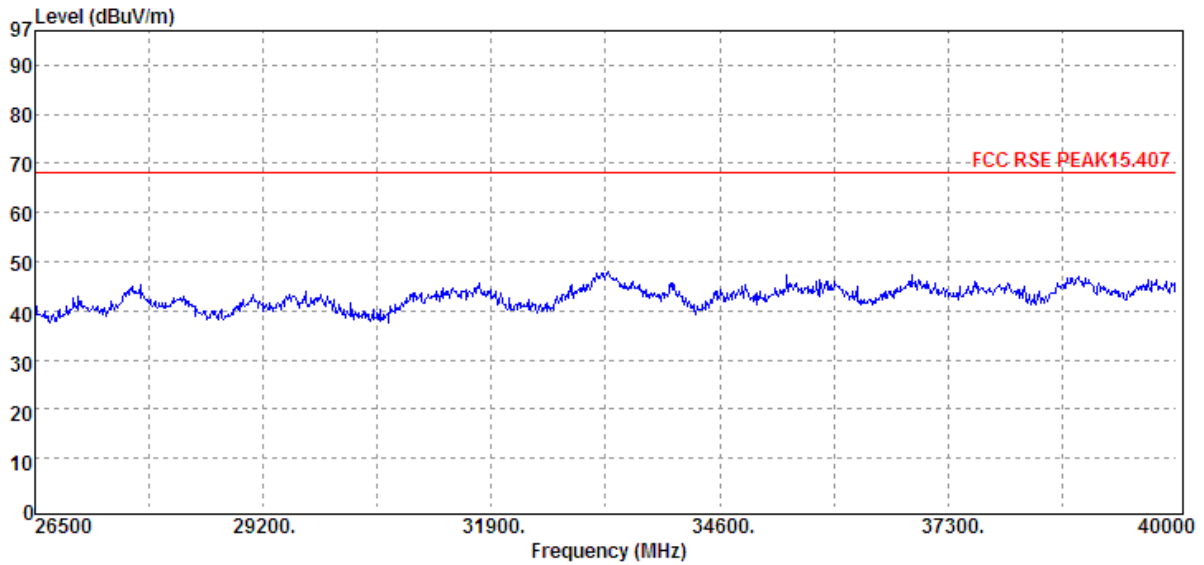
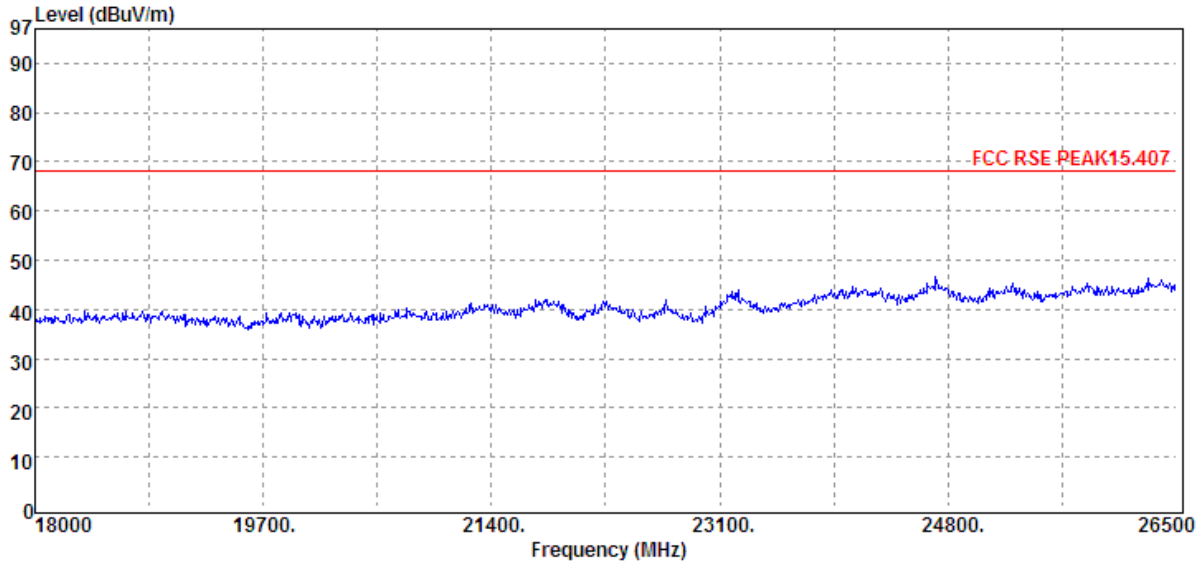
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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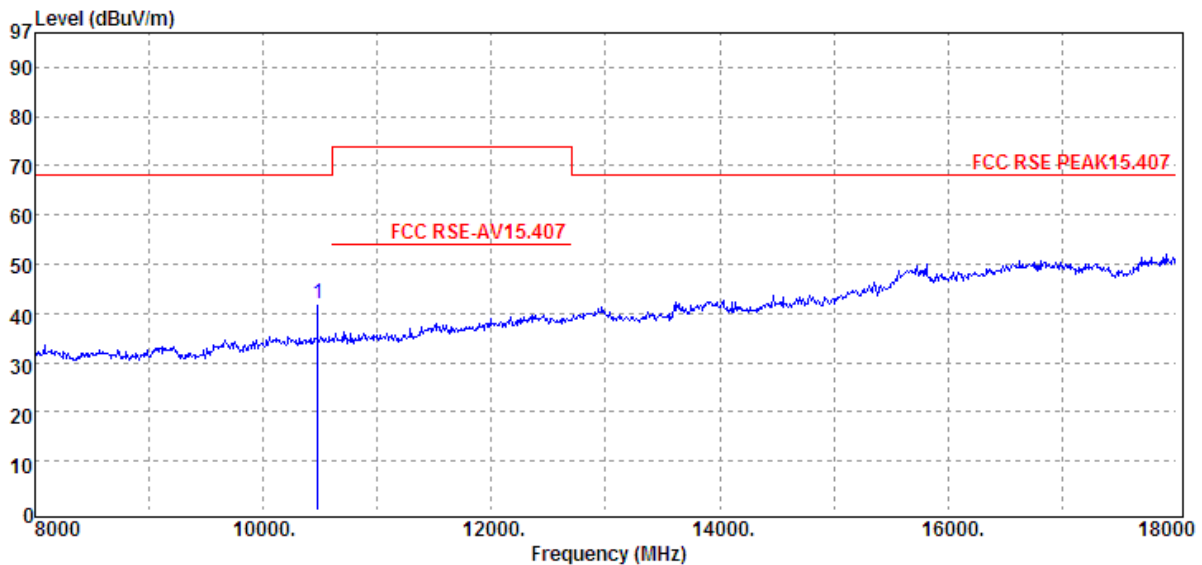
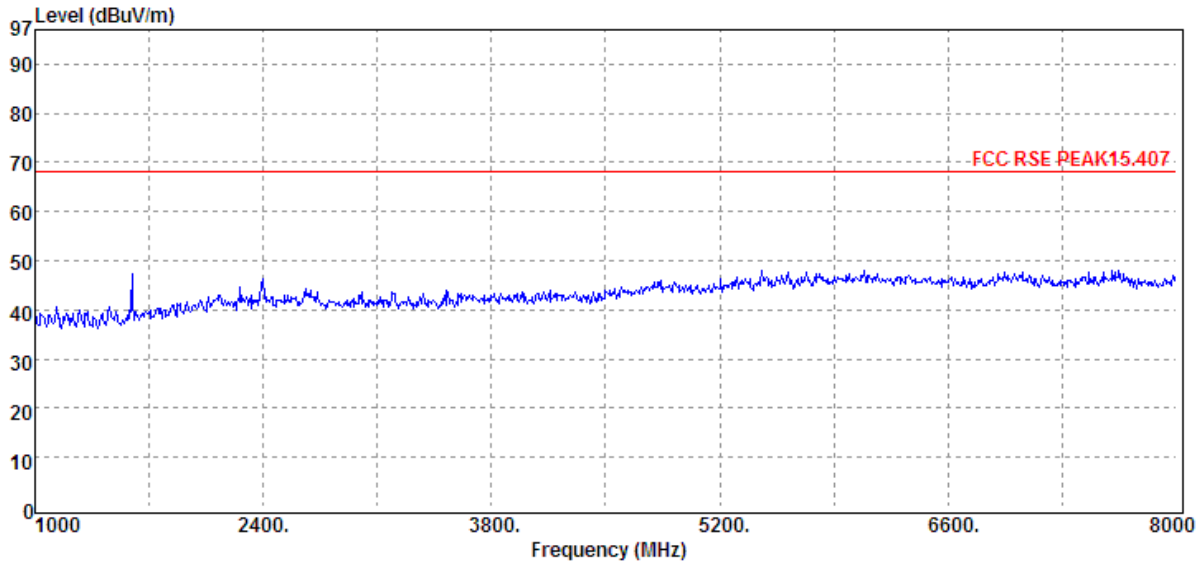


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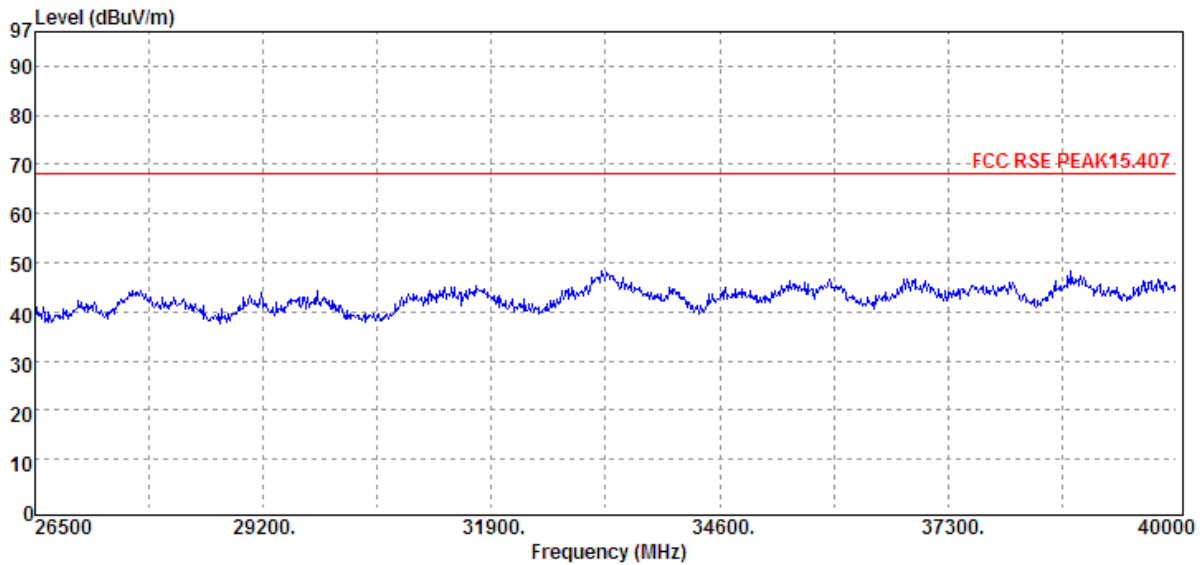
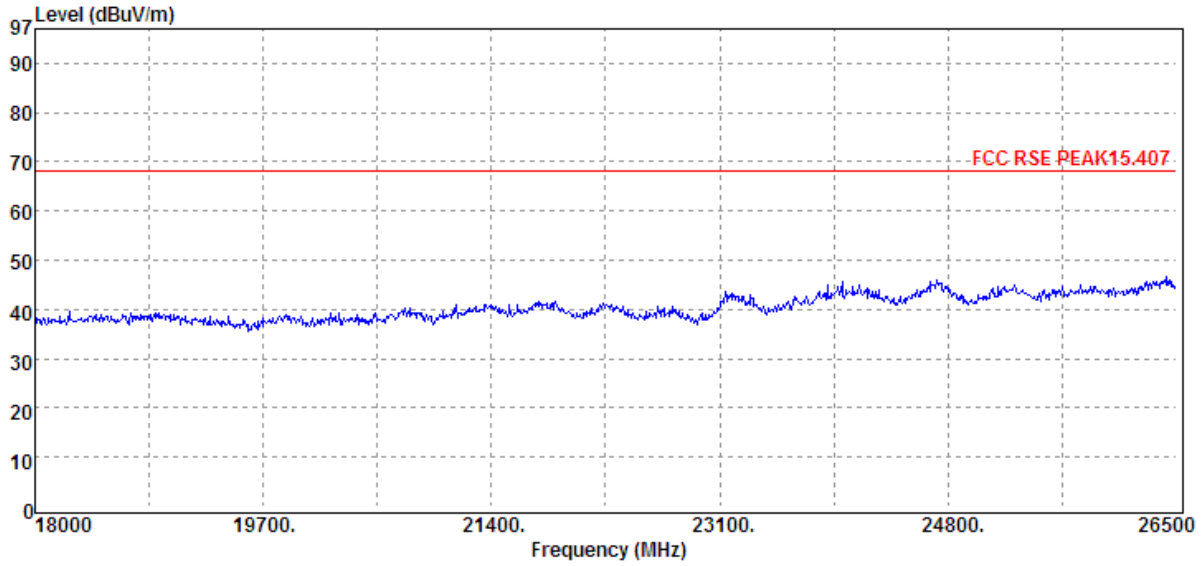
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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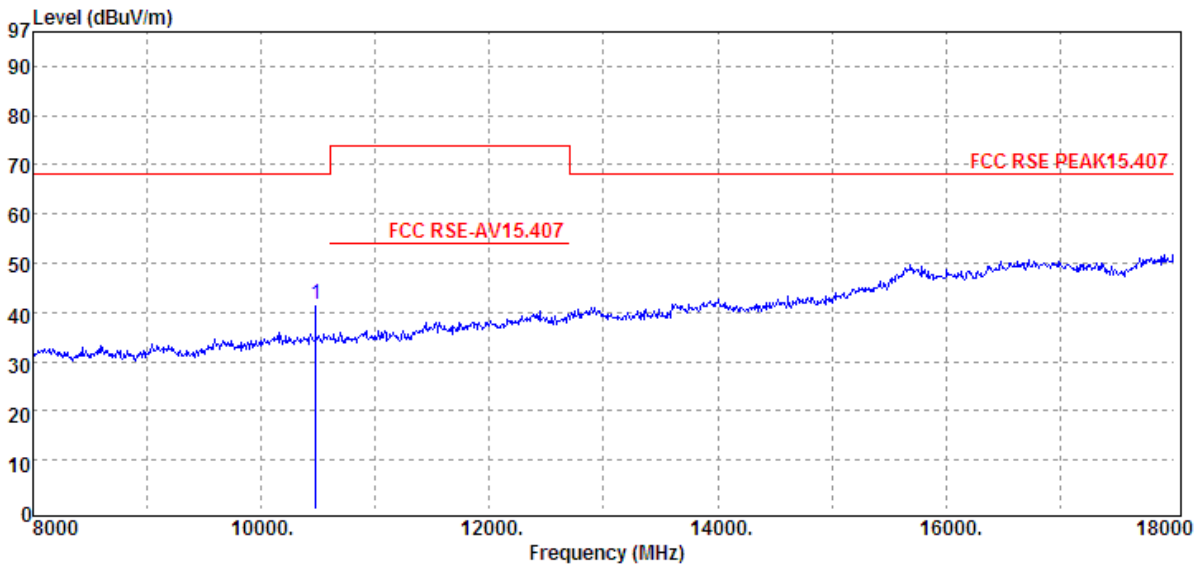
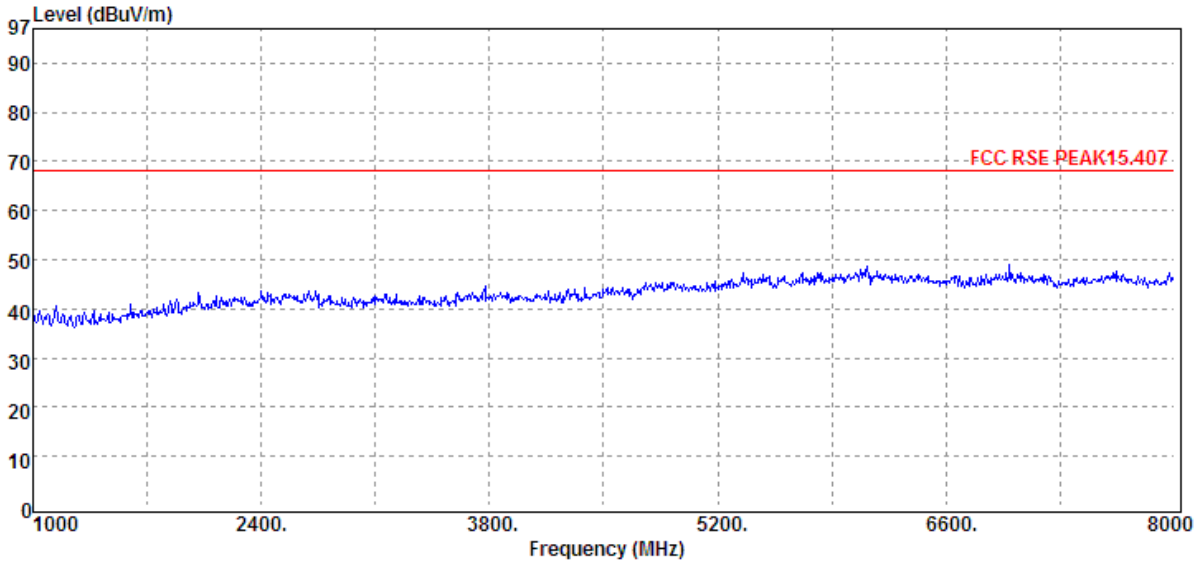
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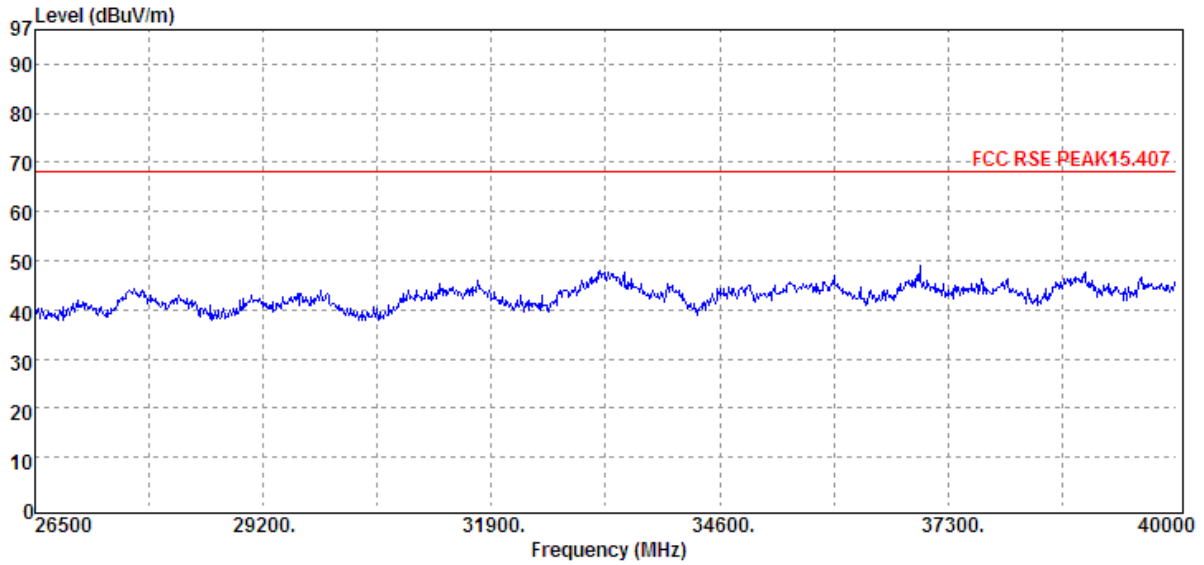
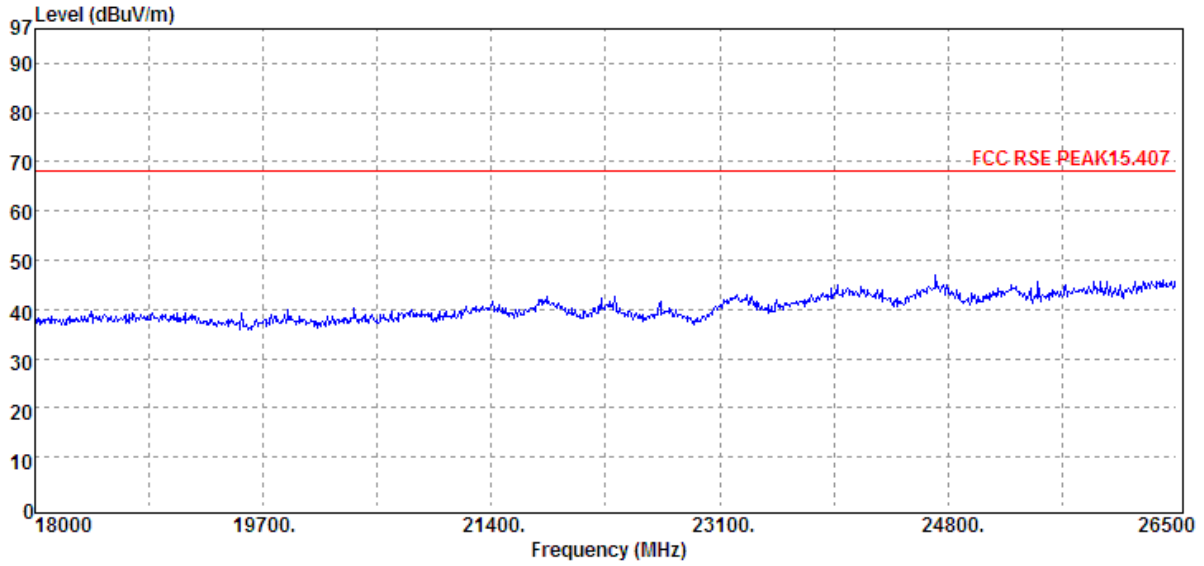
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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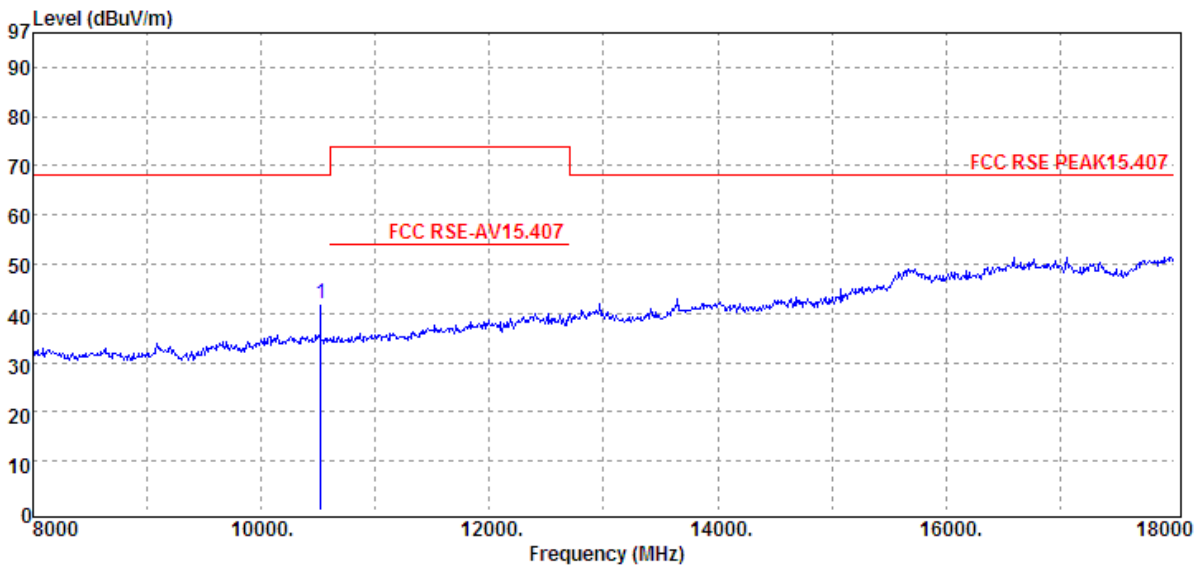
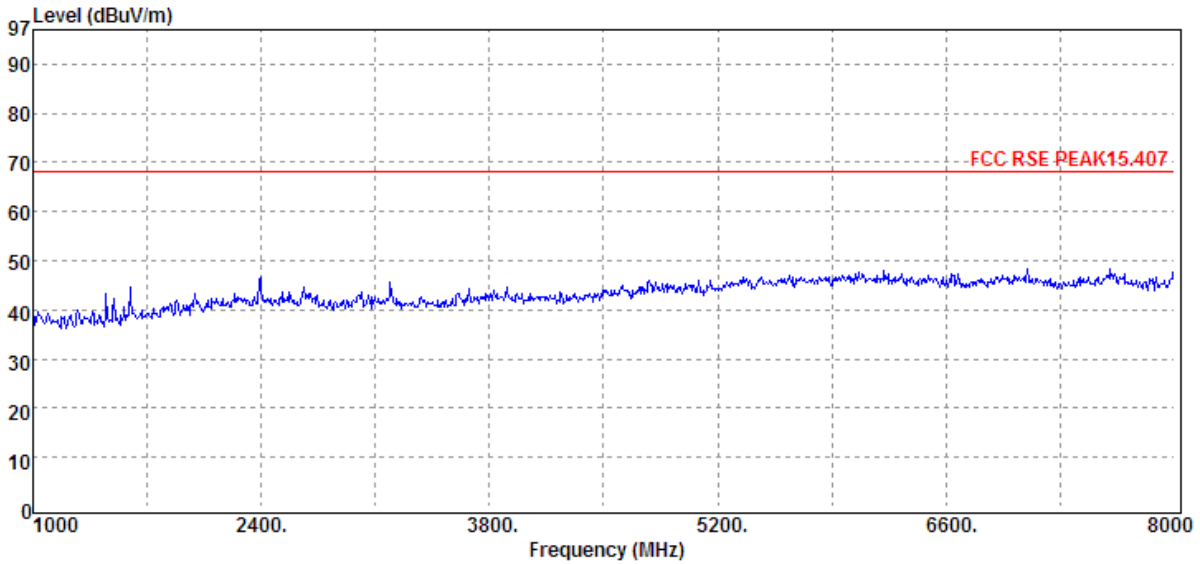
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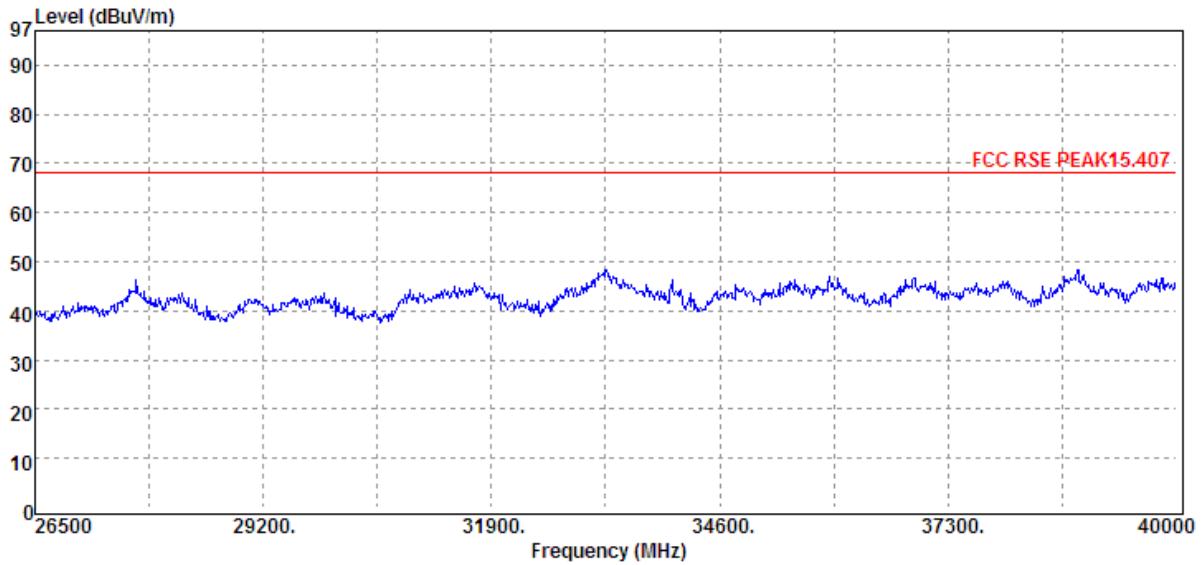
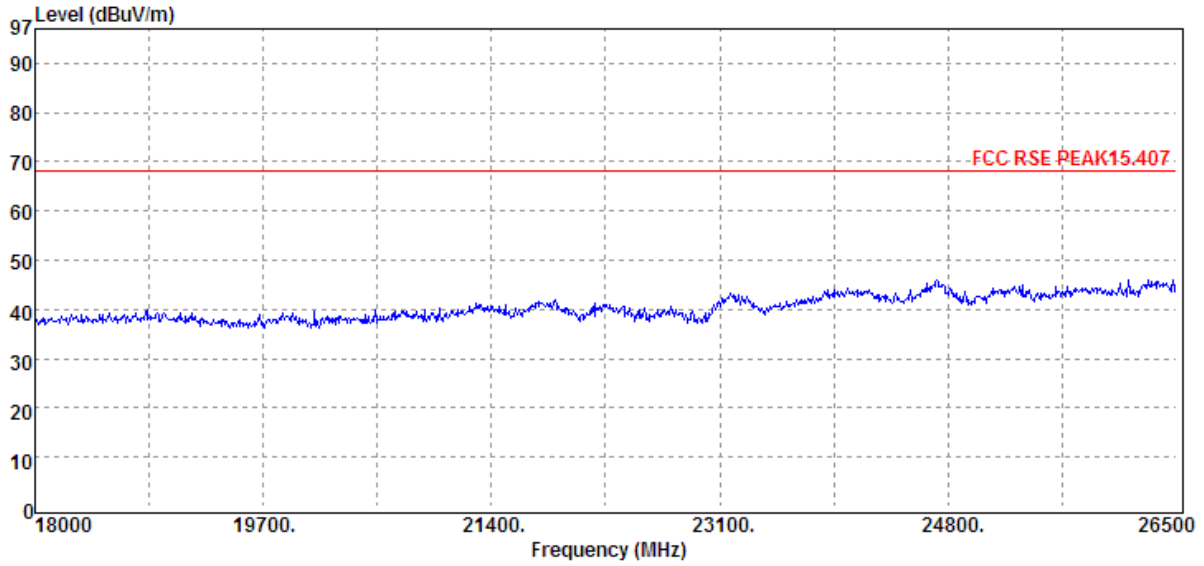
**802.11a 5250-5350MHz**

|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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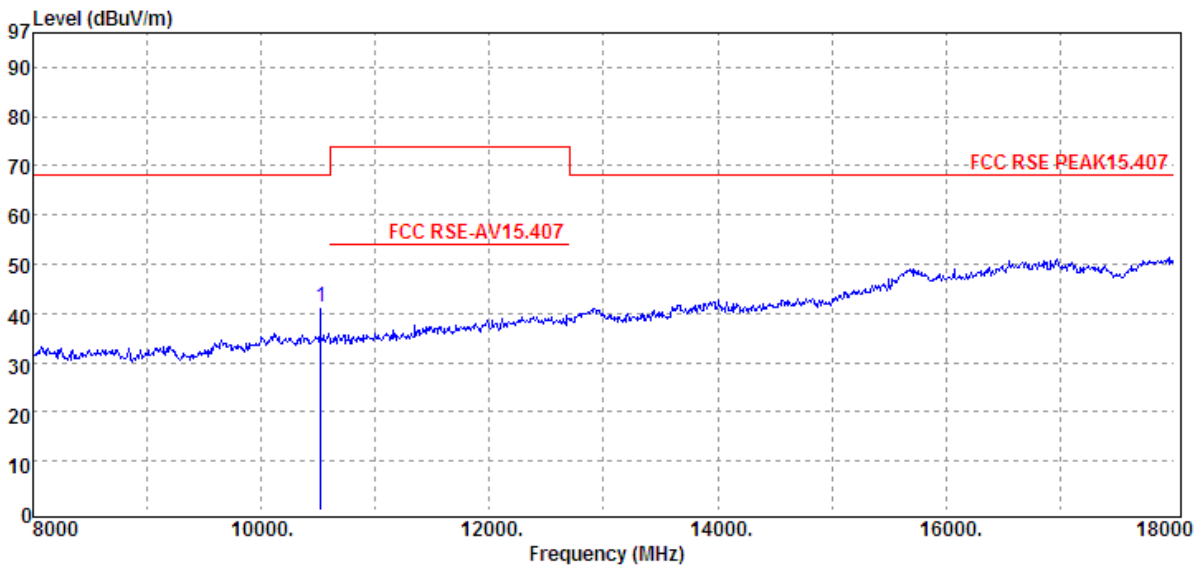
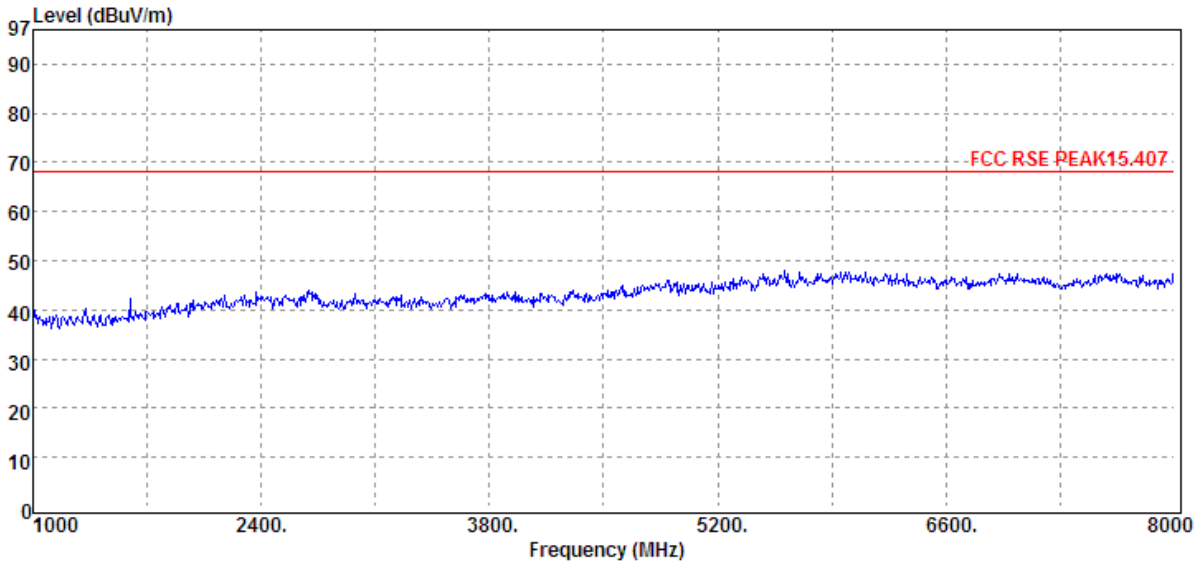
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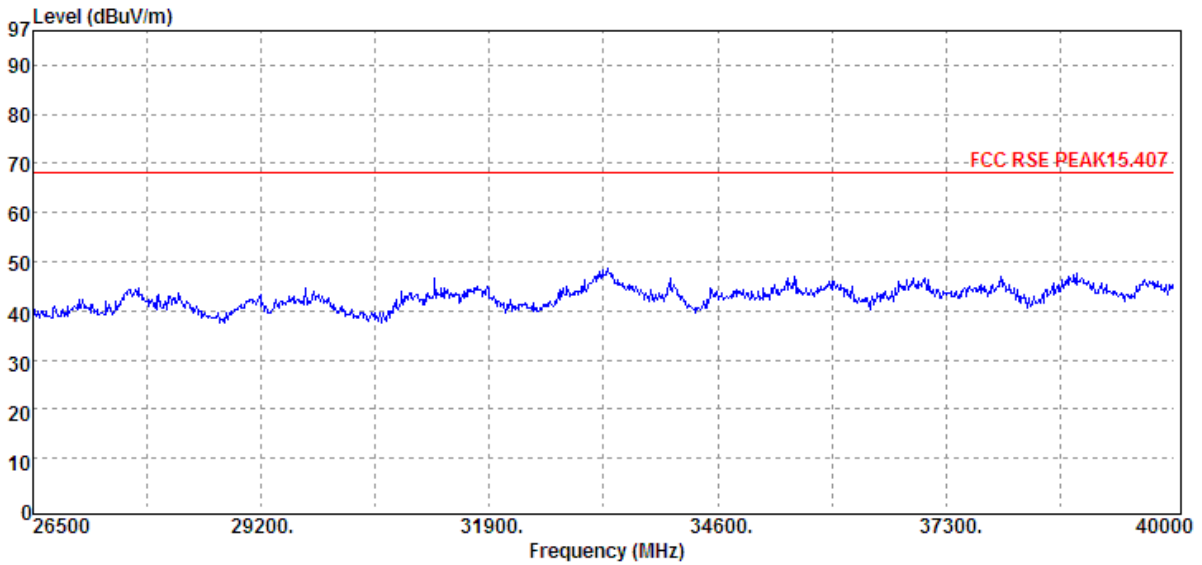
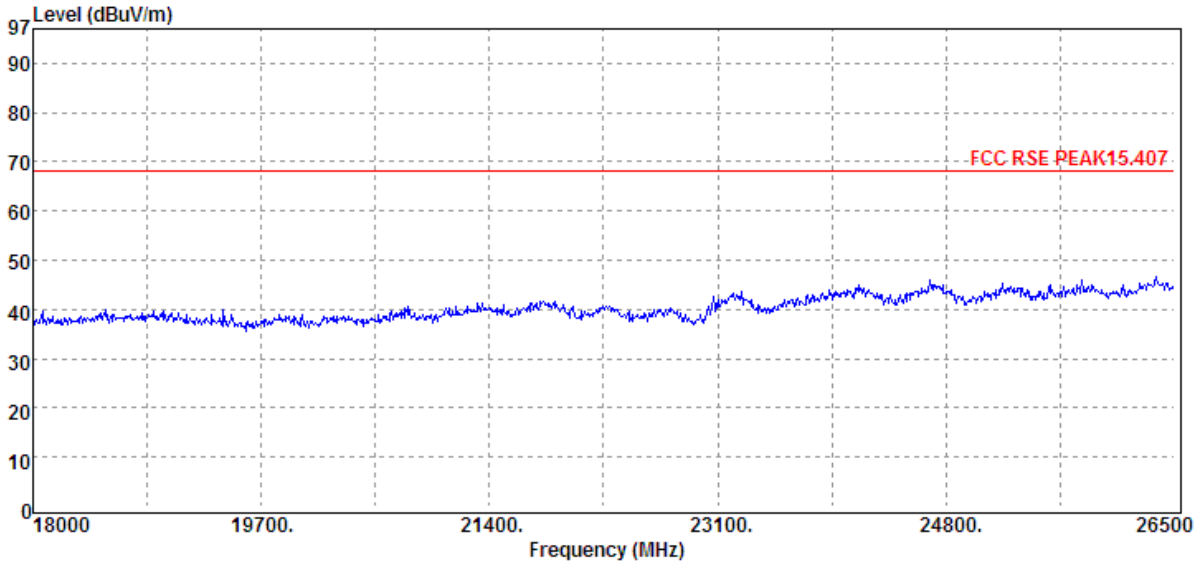
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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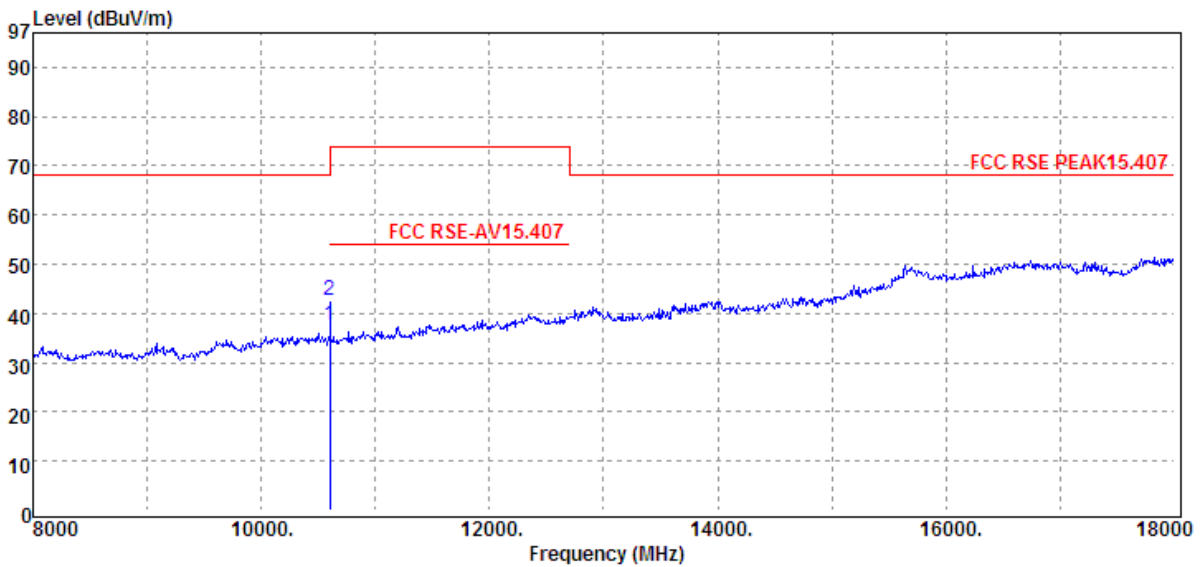
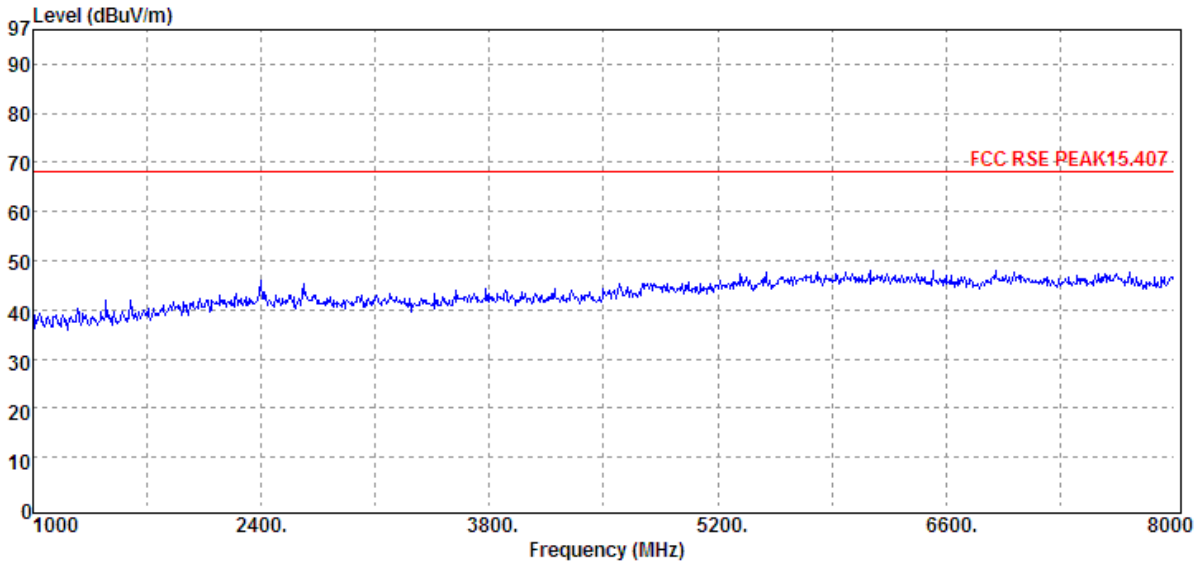
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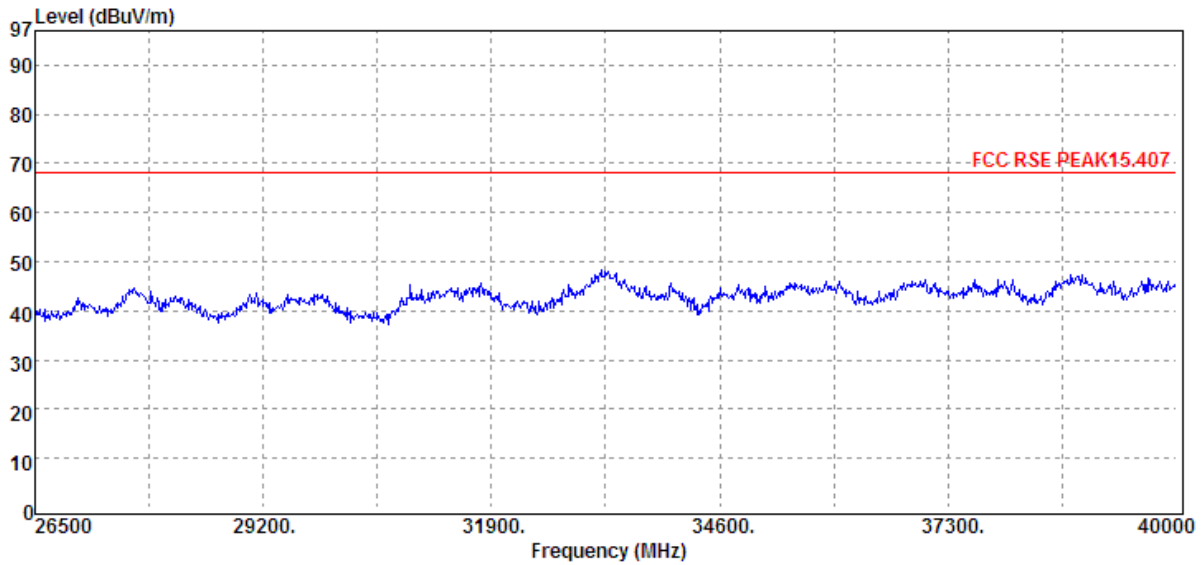
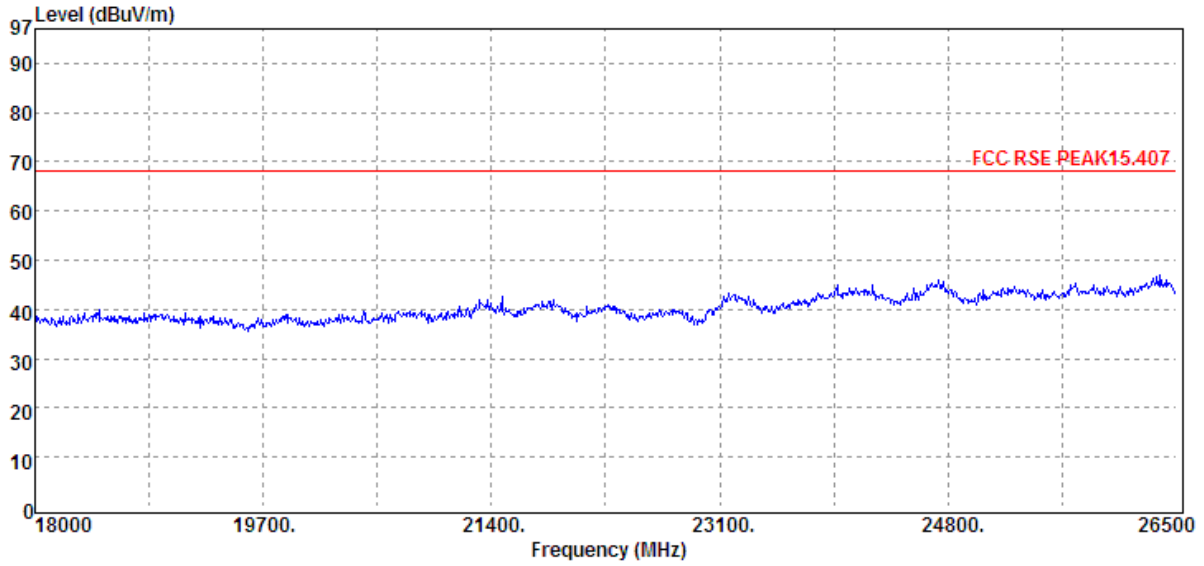
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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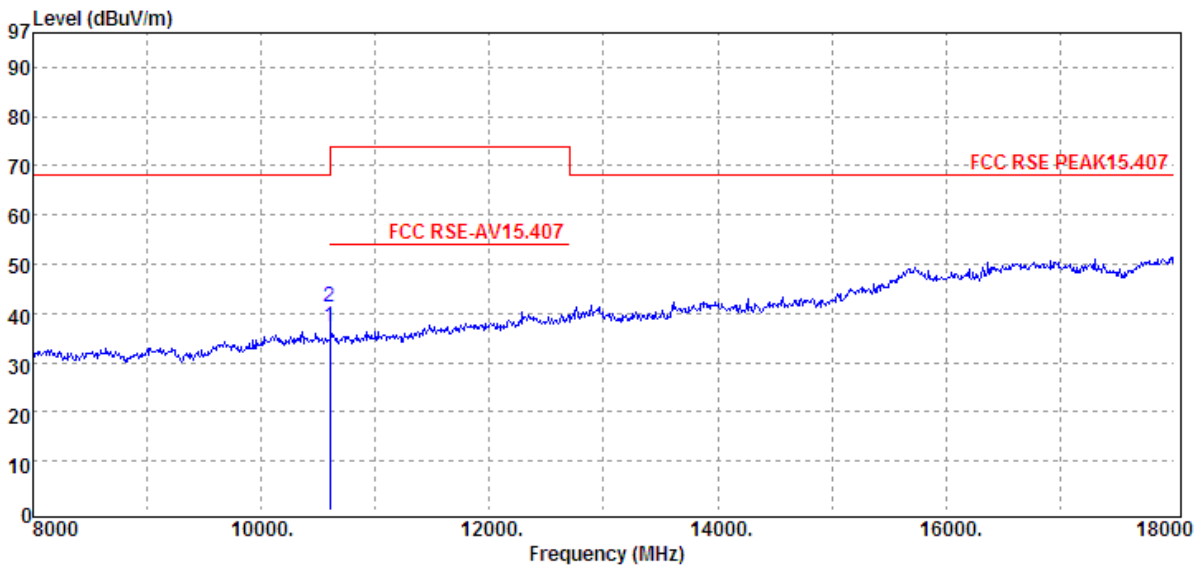
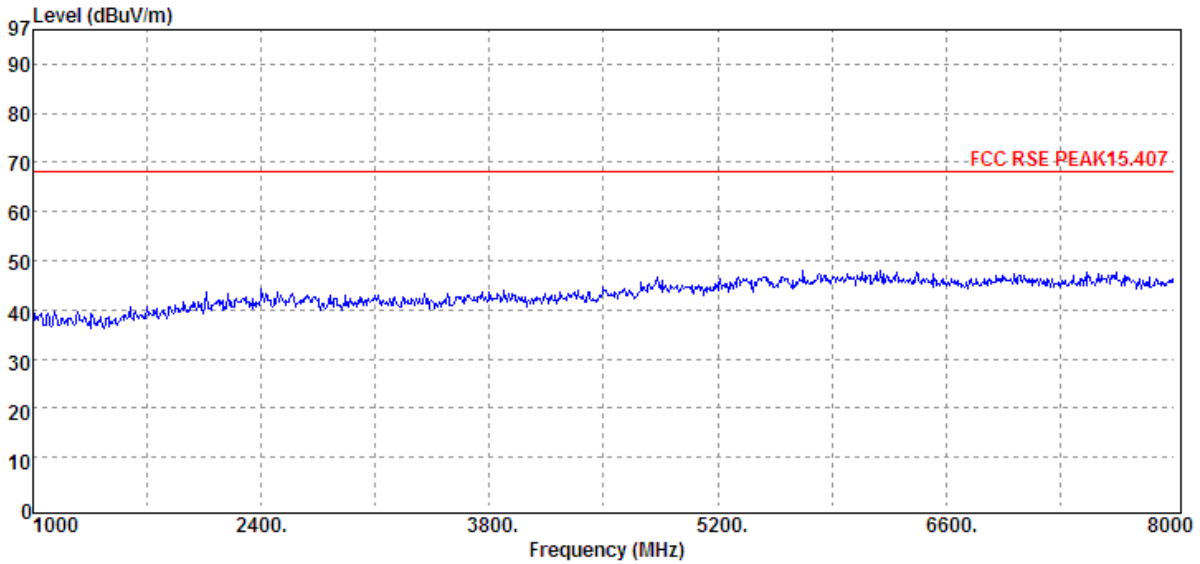
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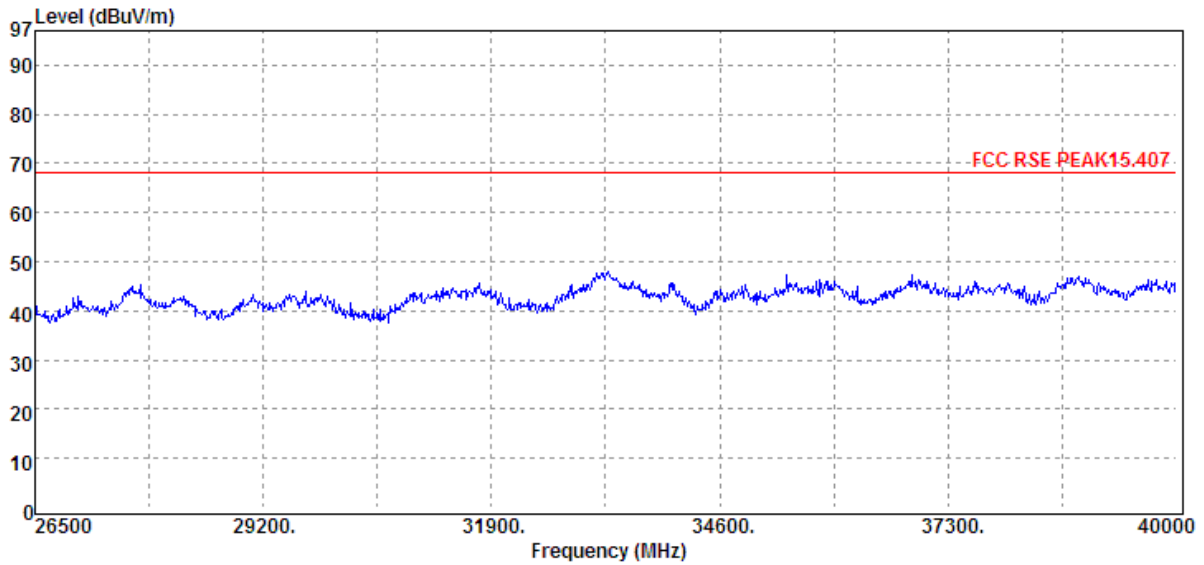
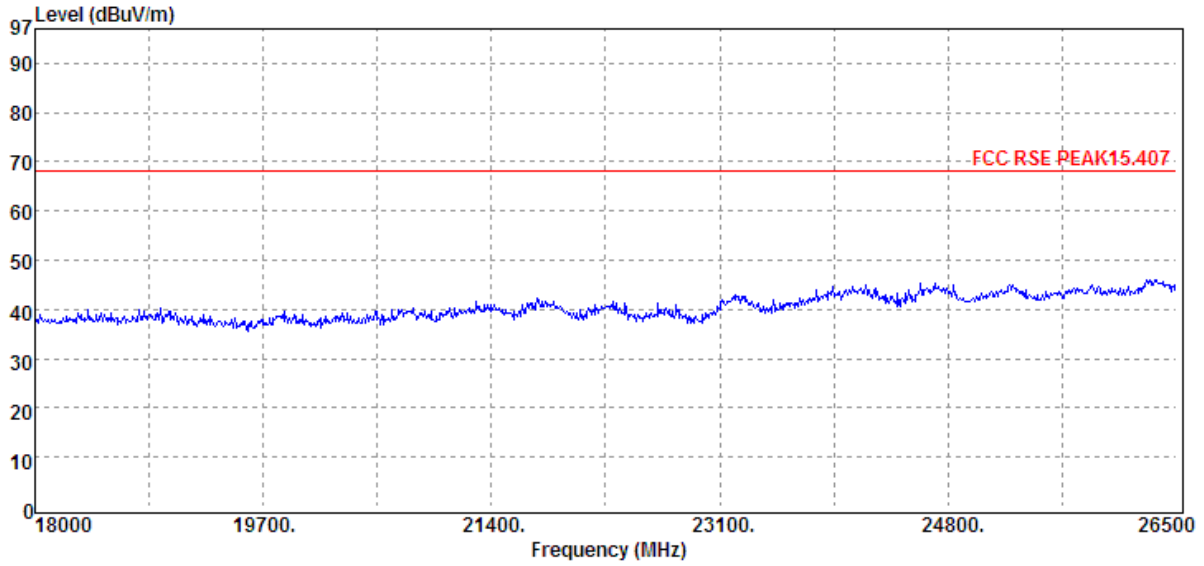
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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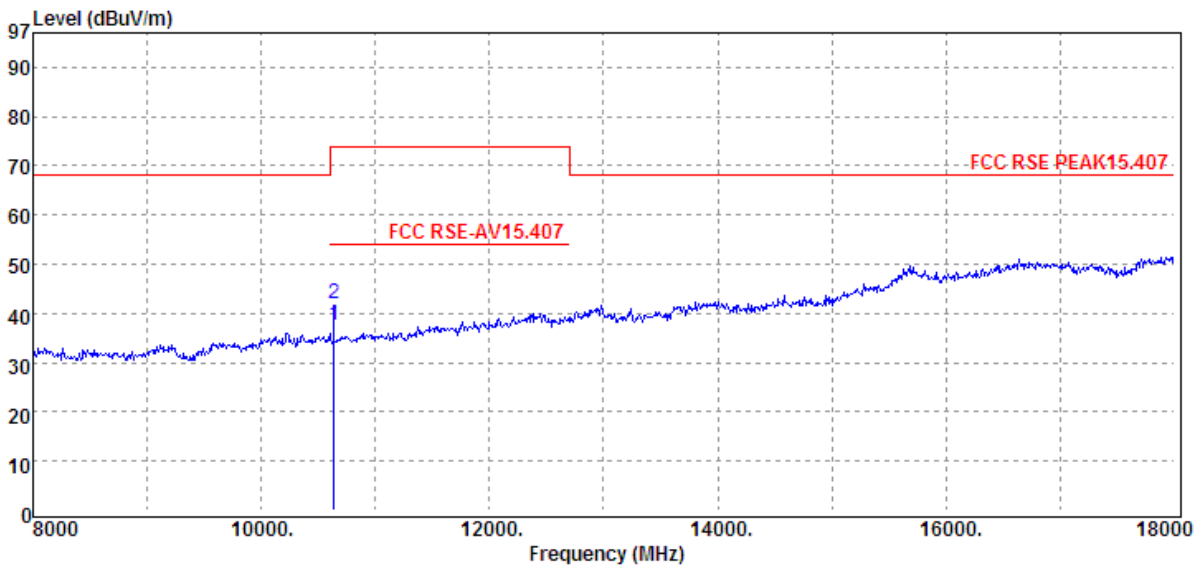
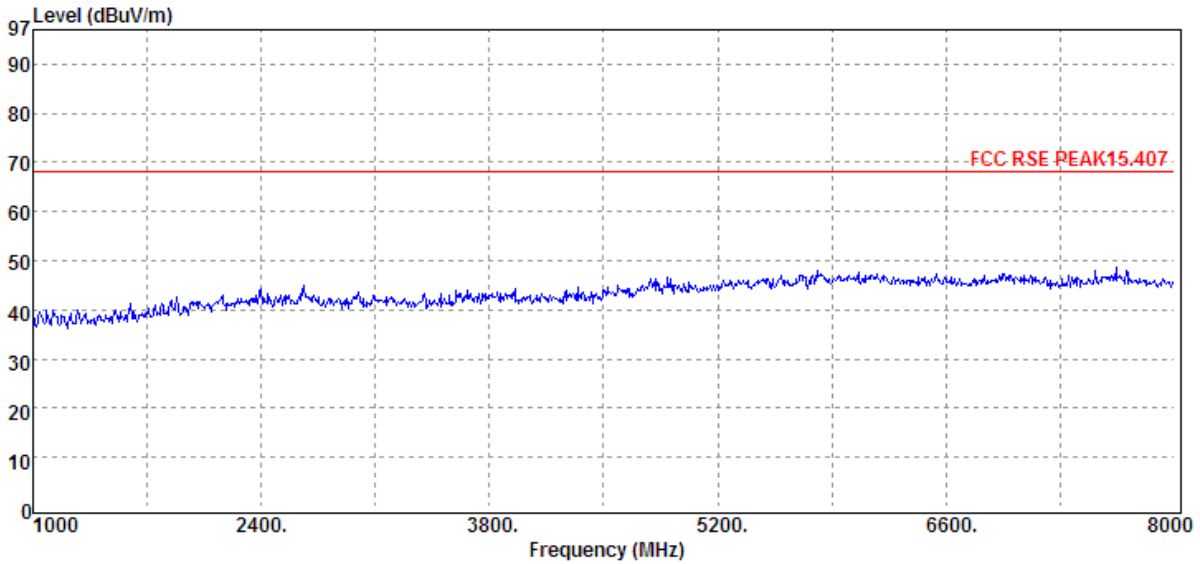


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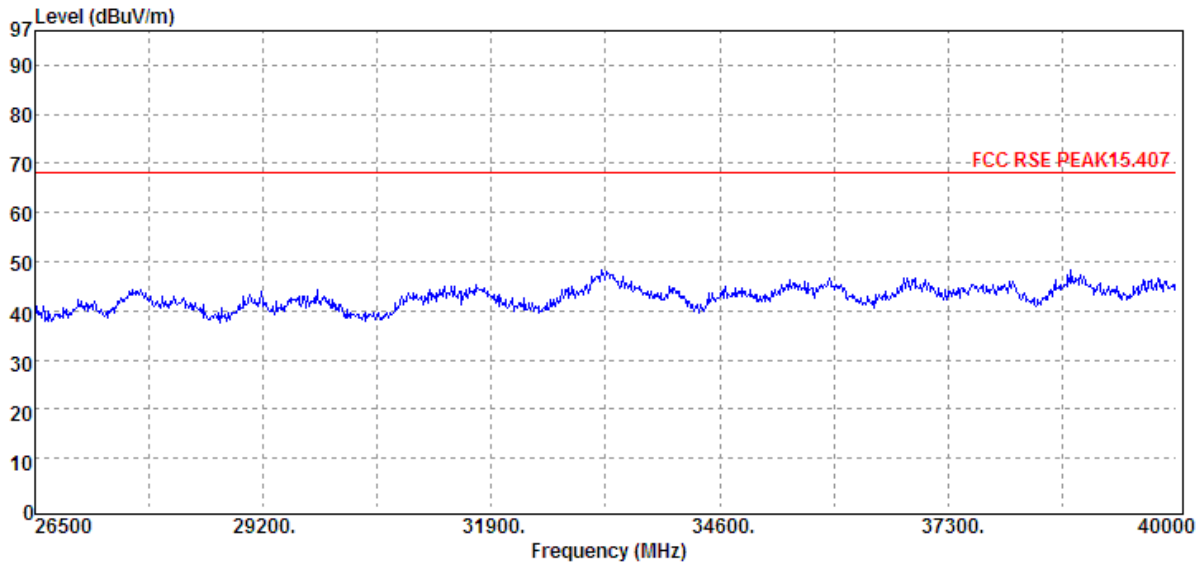
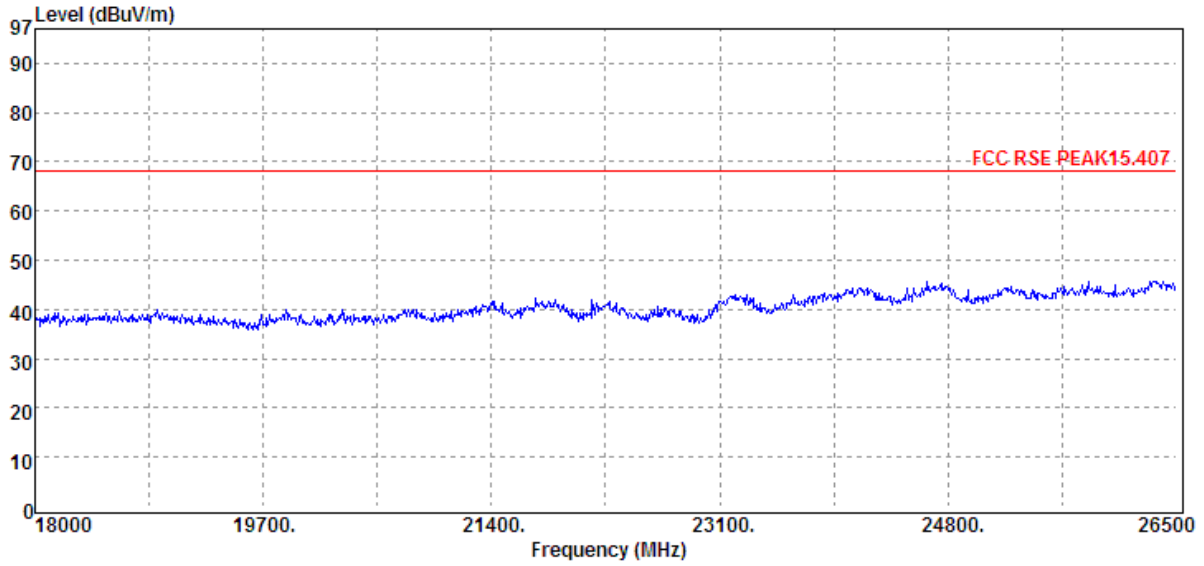


|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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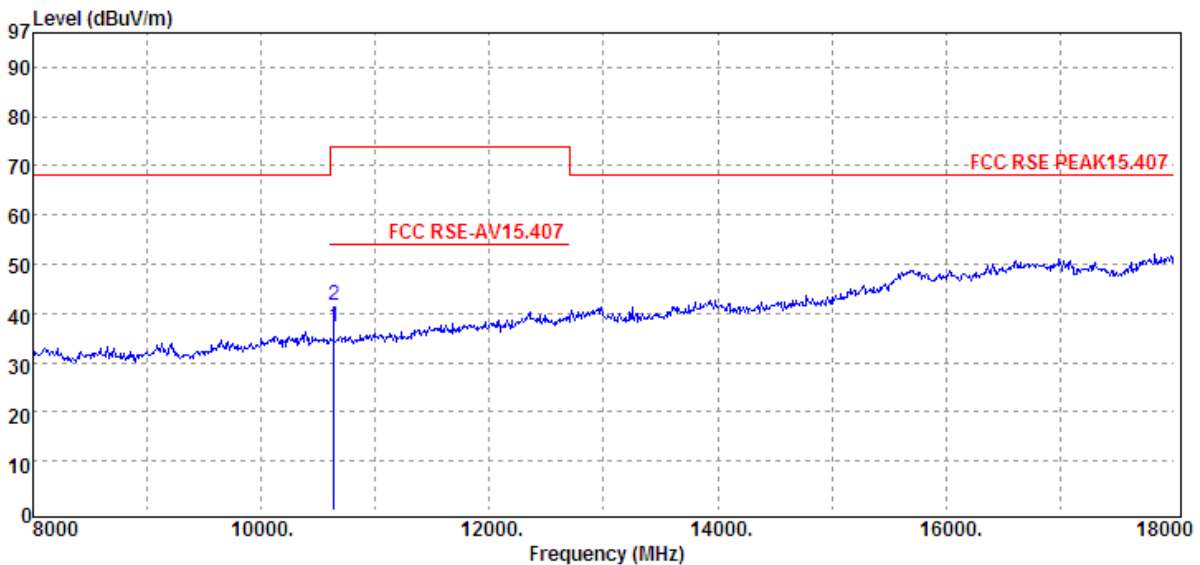
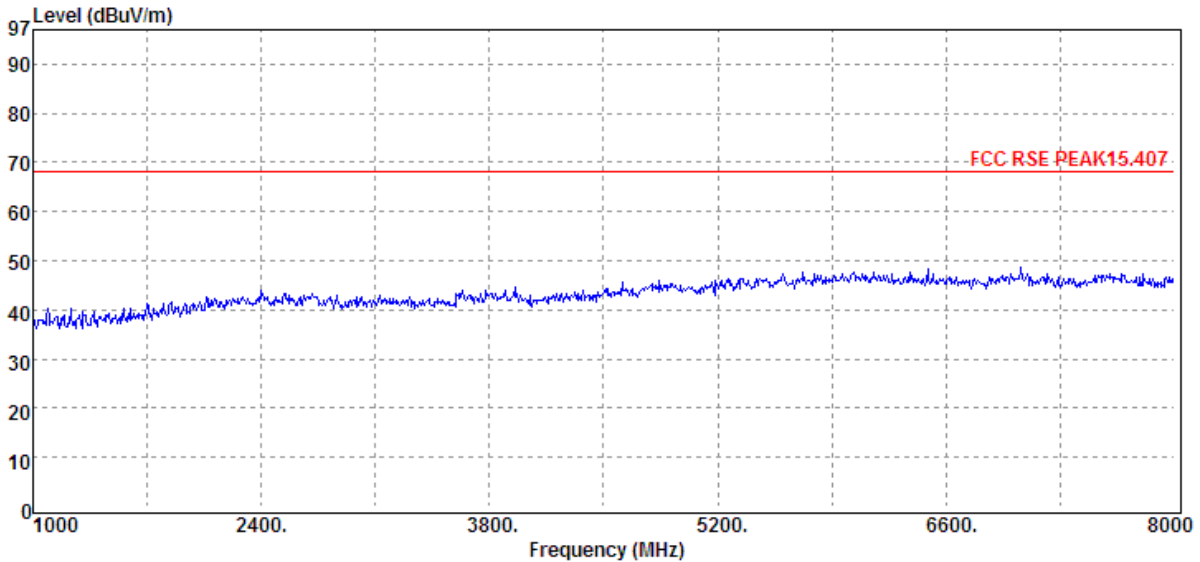
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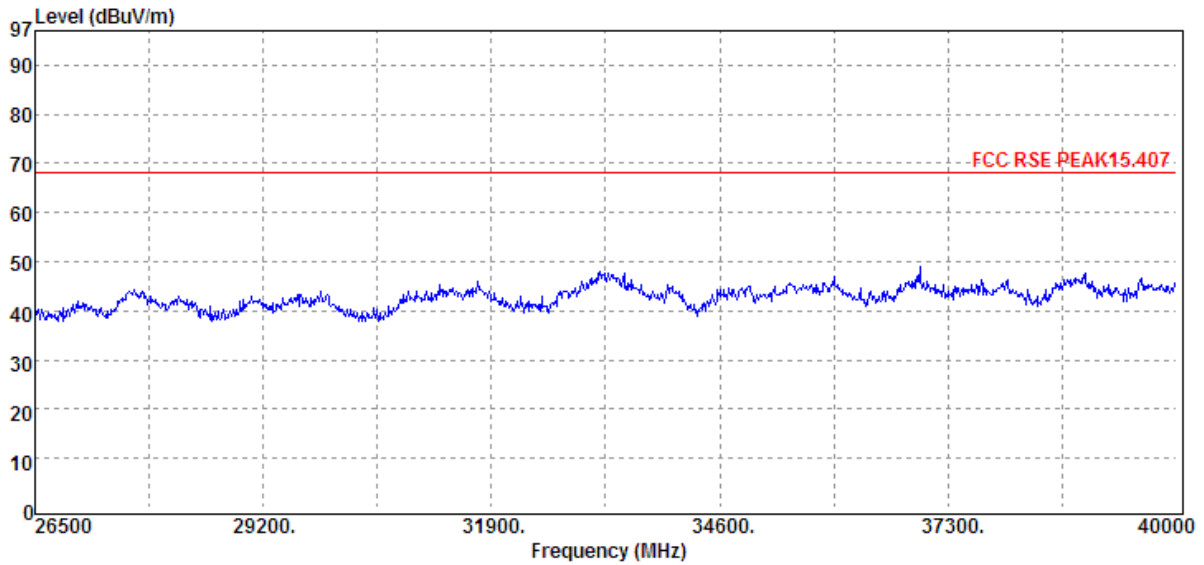
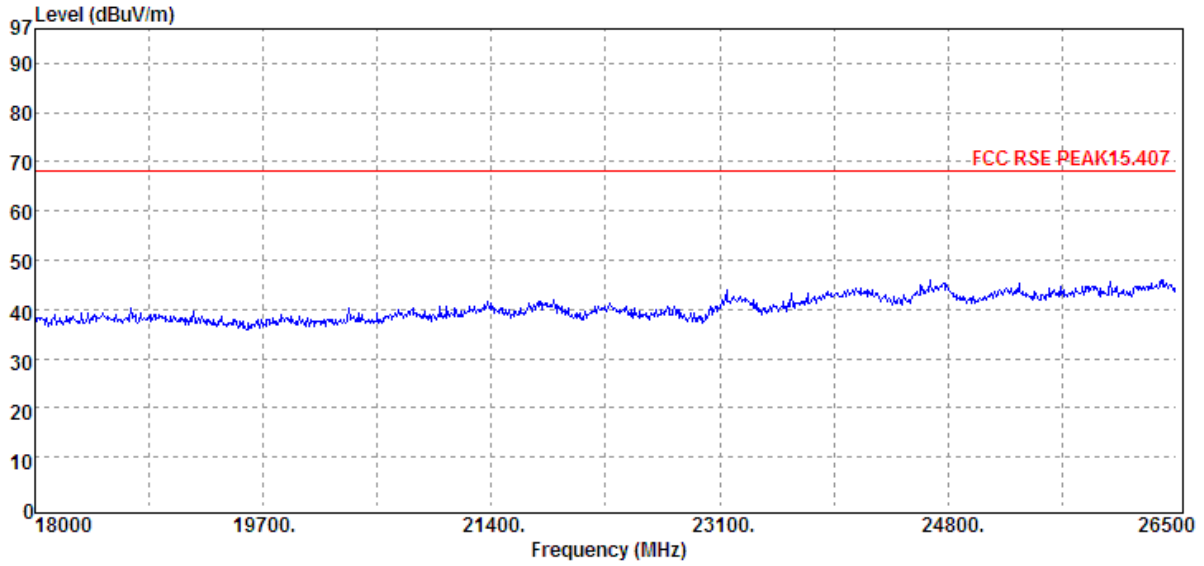
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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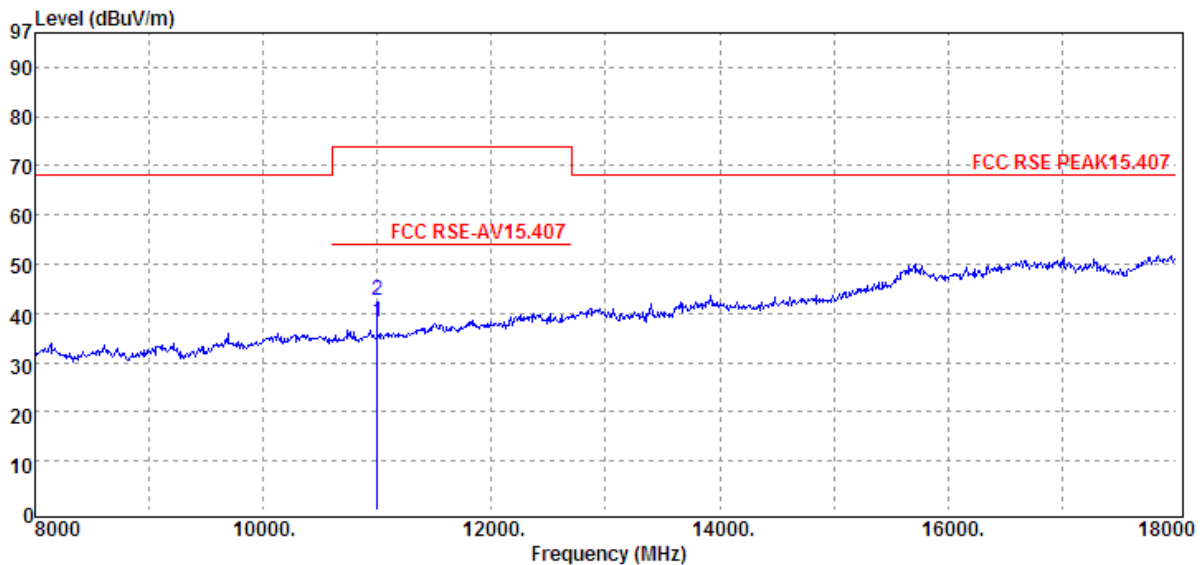
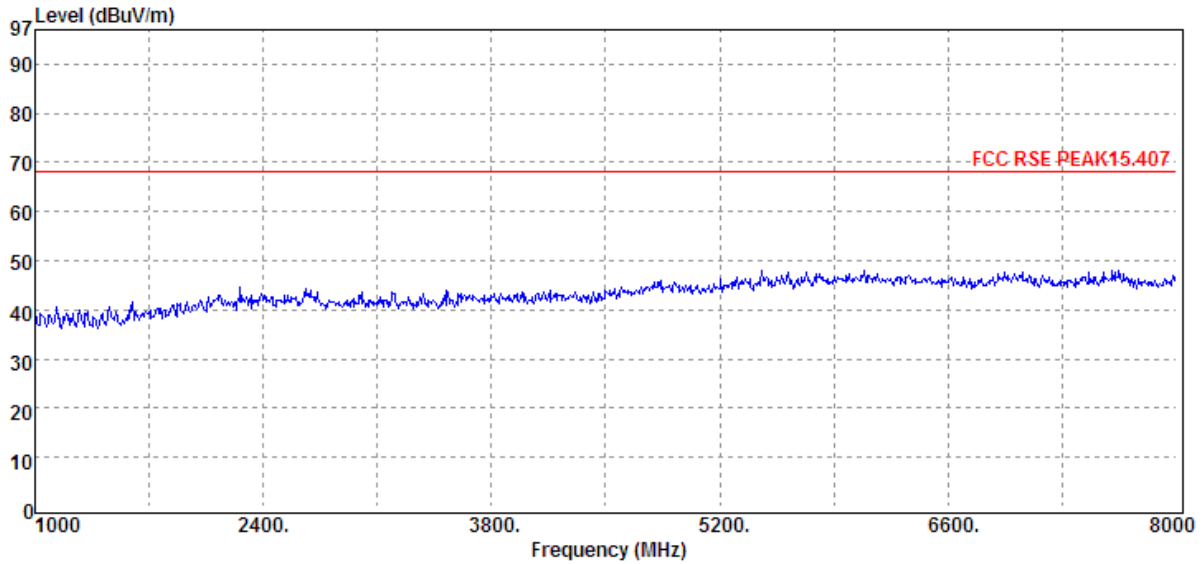
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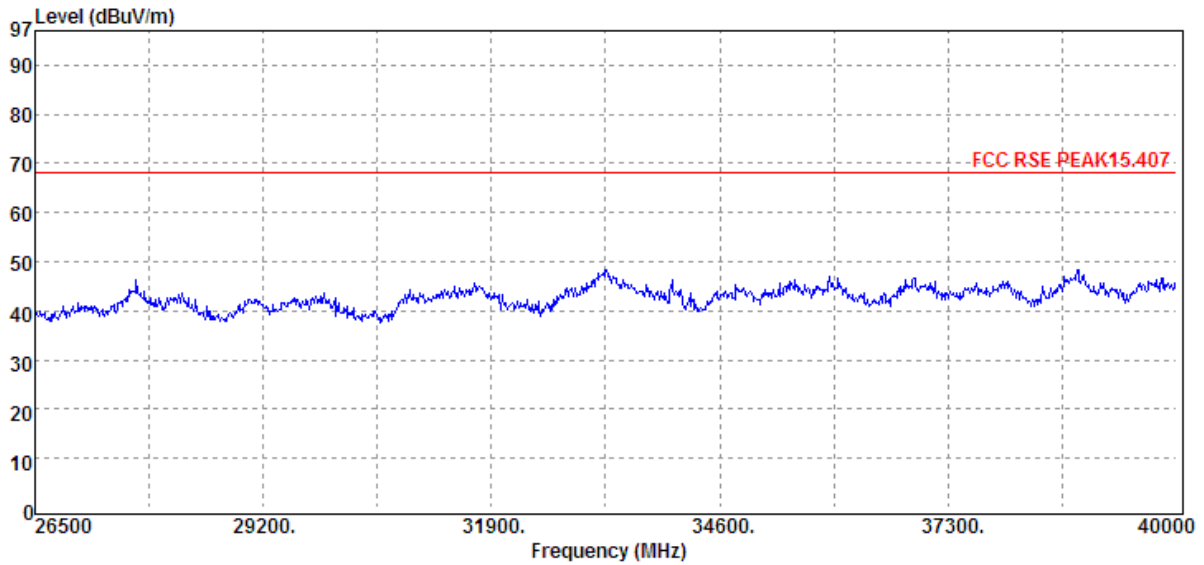
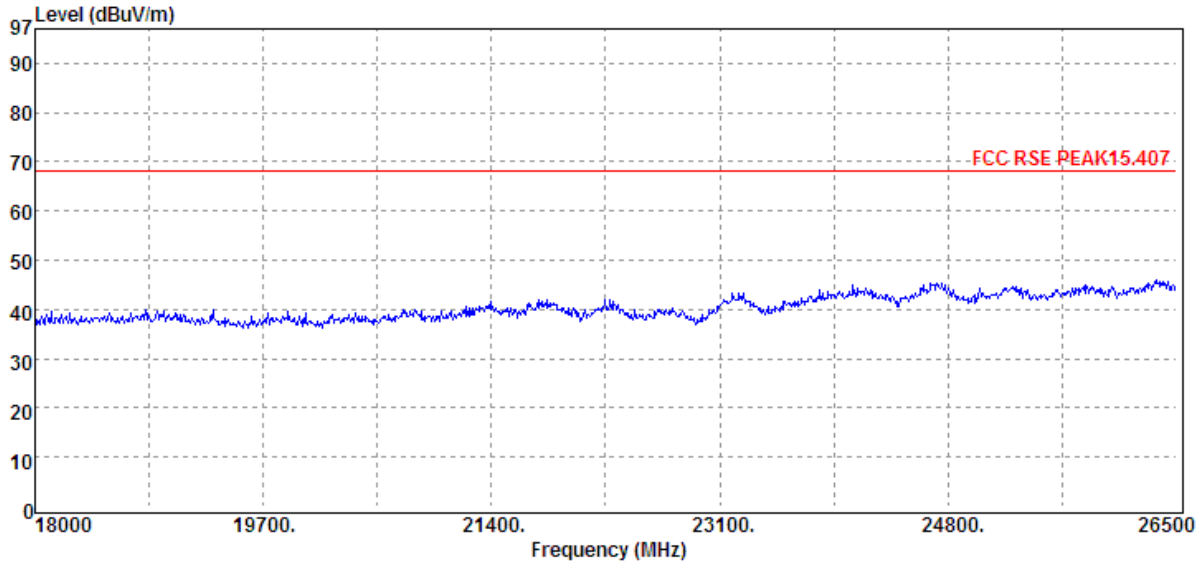
**802.11a 5470-5725MHz**

|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5500 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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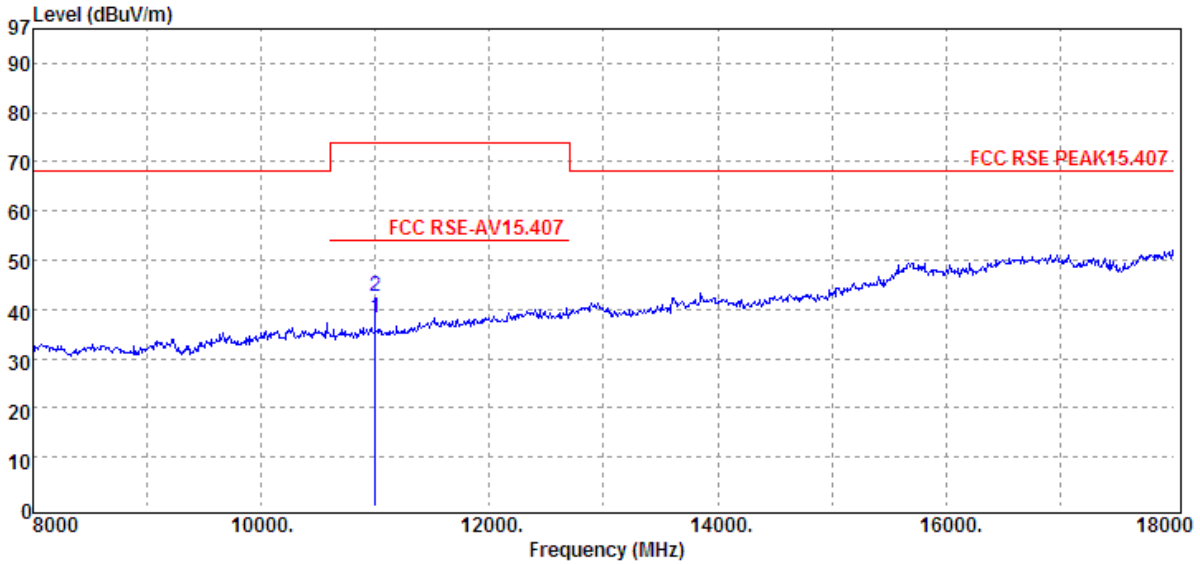
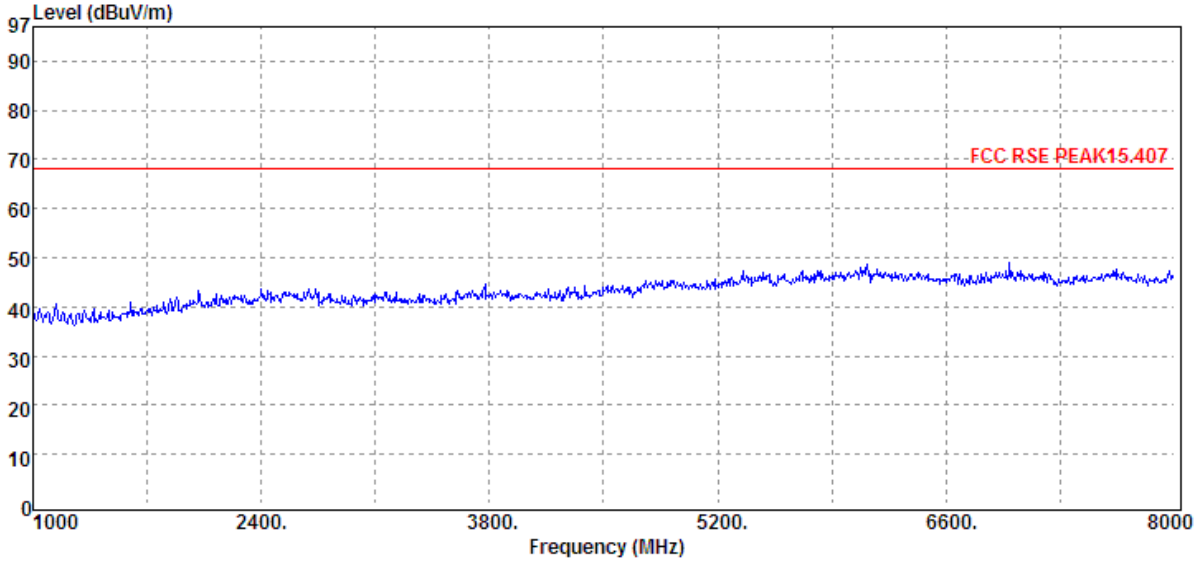


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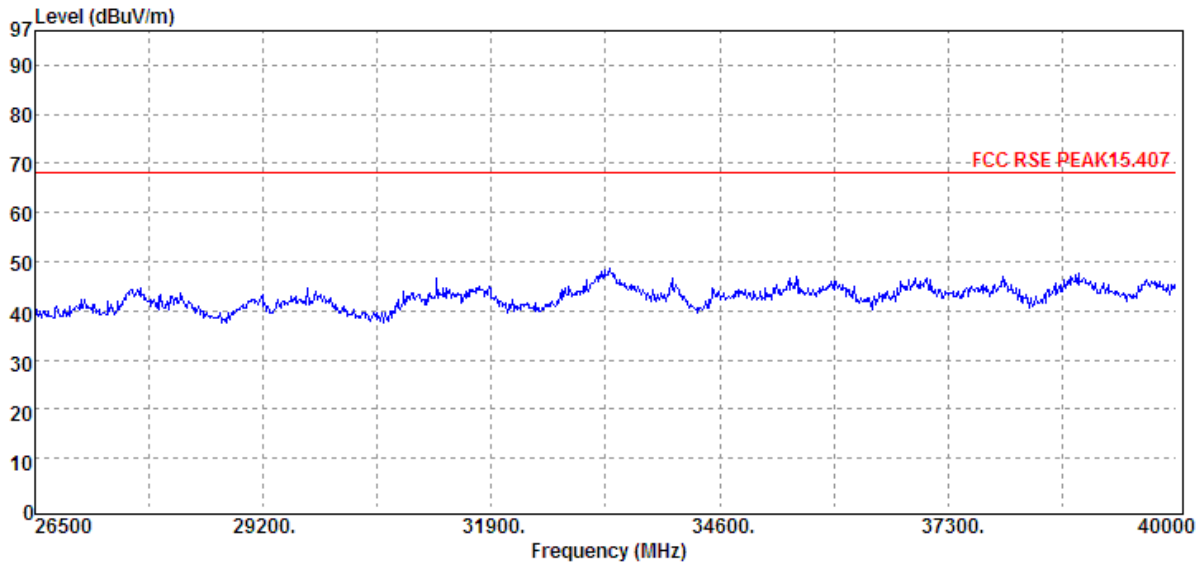
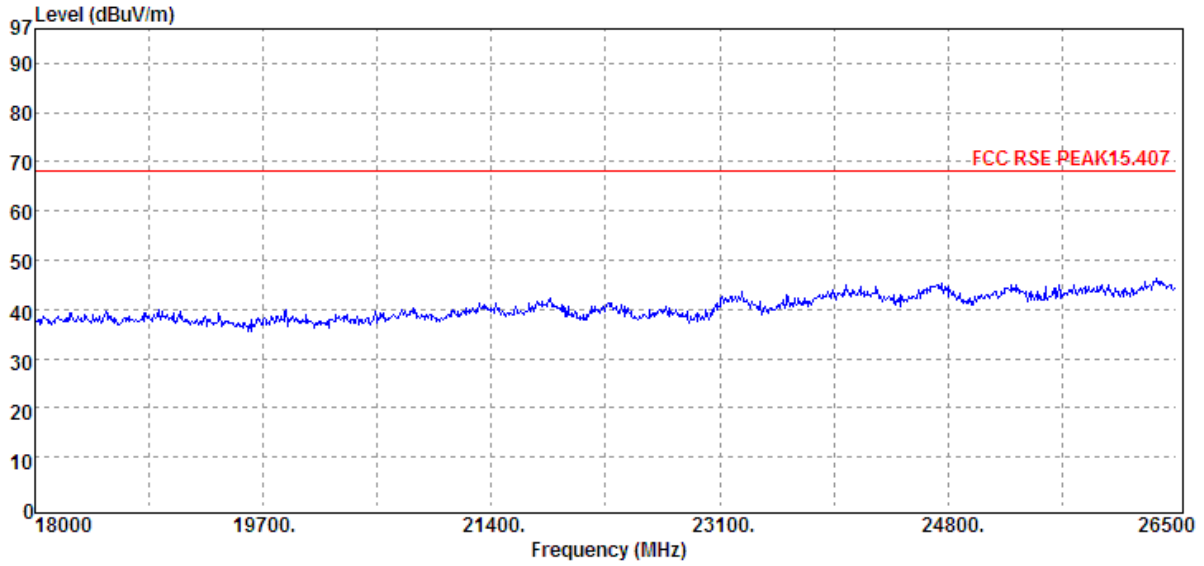
|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5500 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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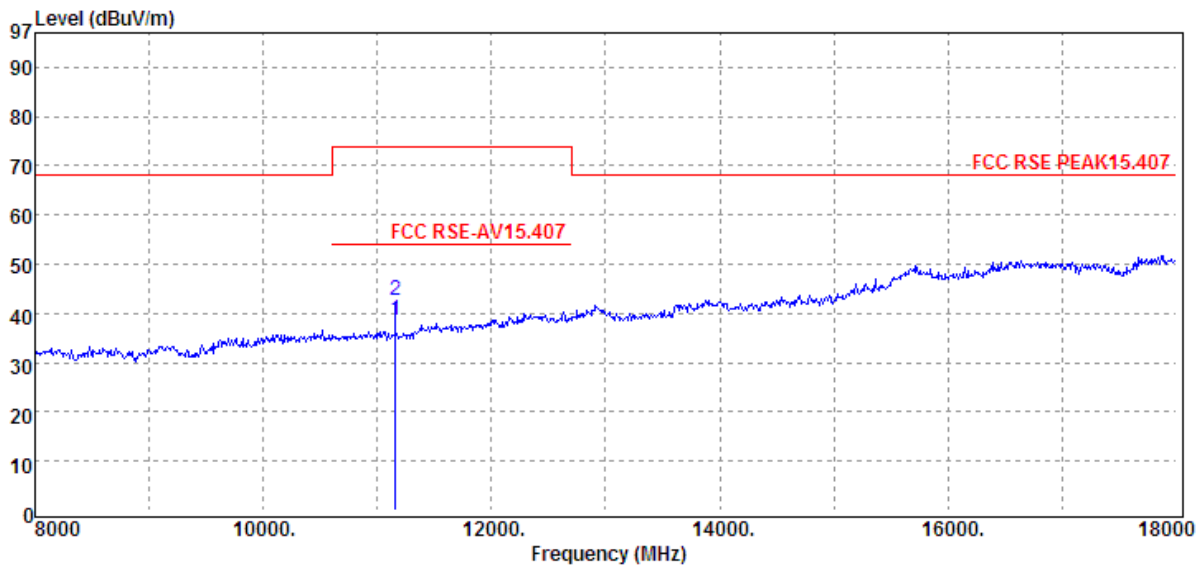
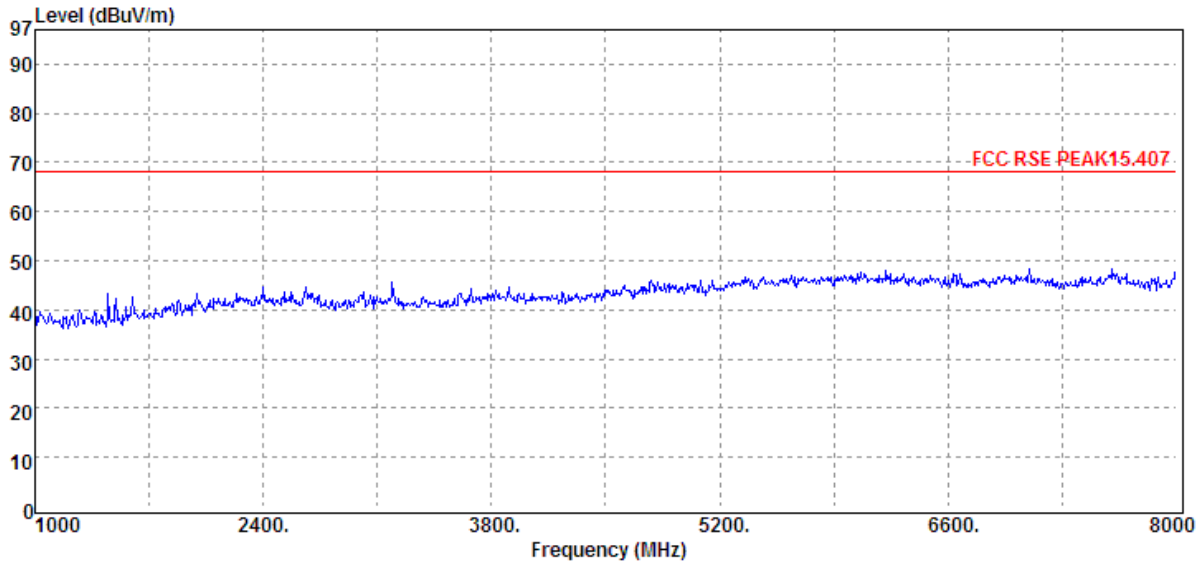
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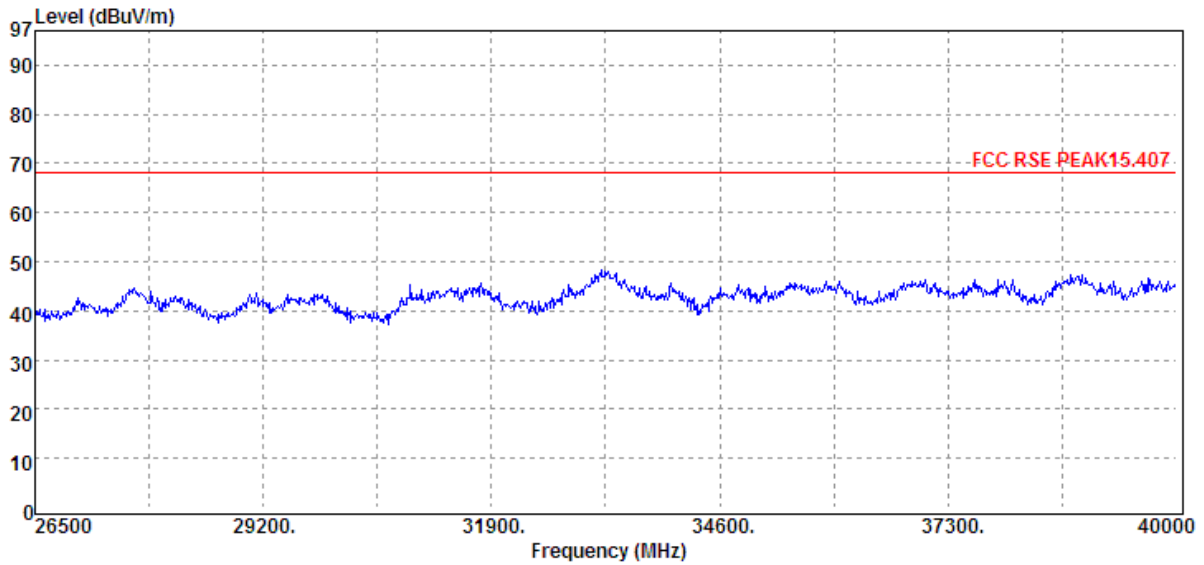
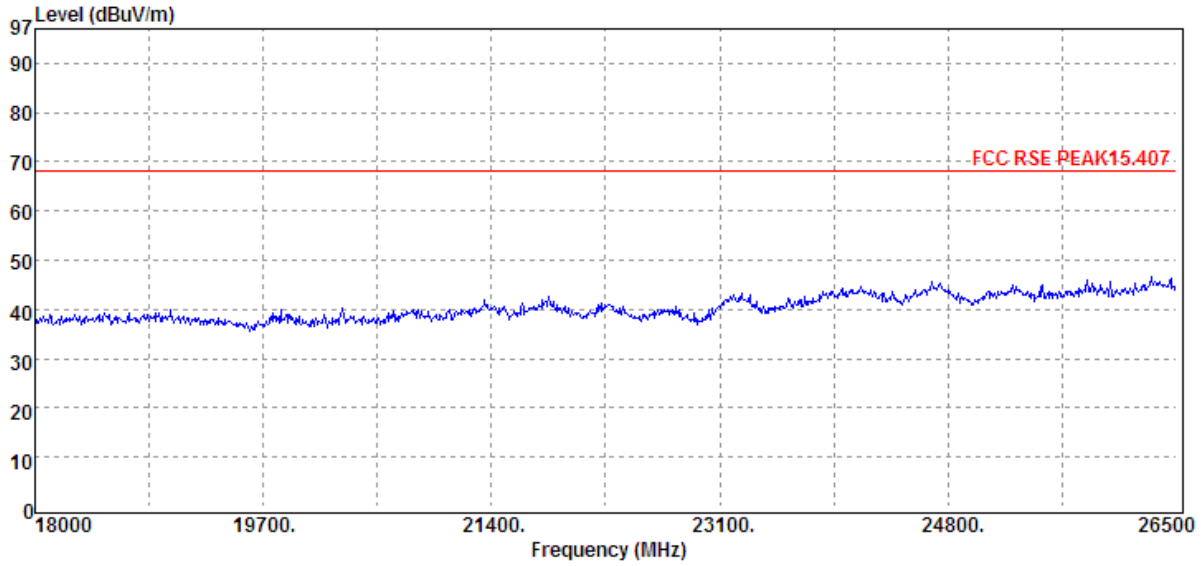


|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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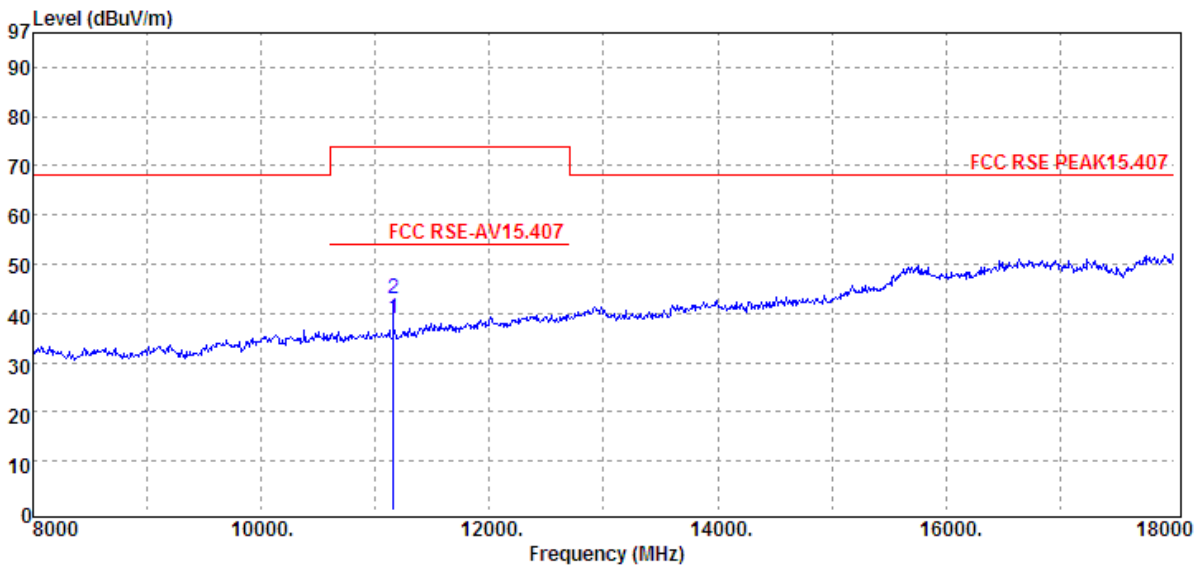
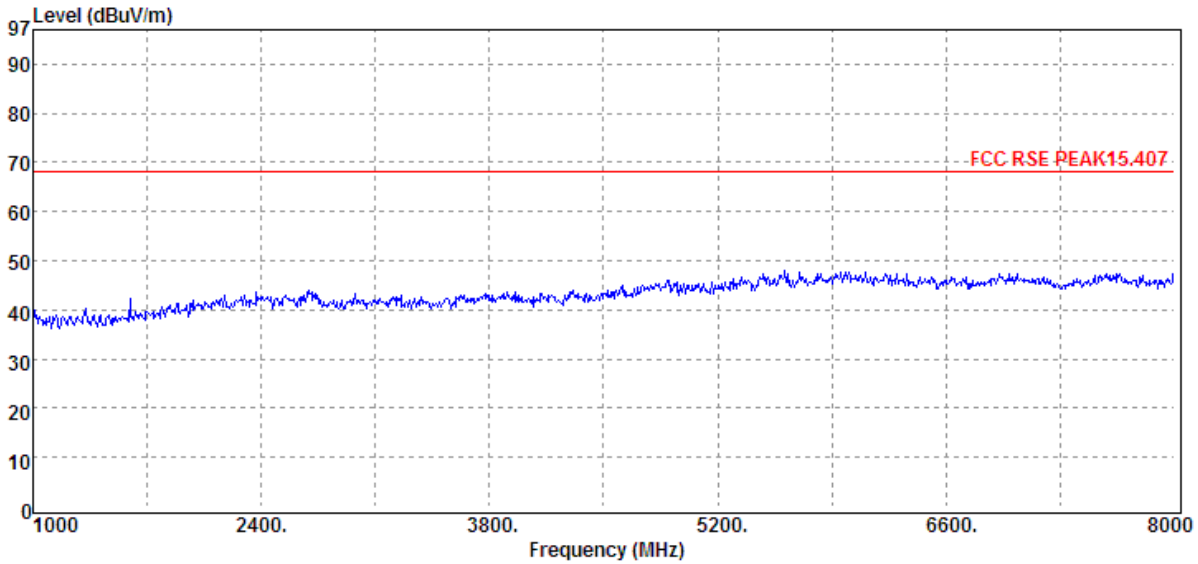
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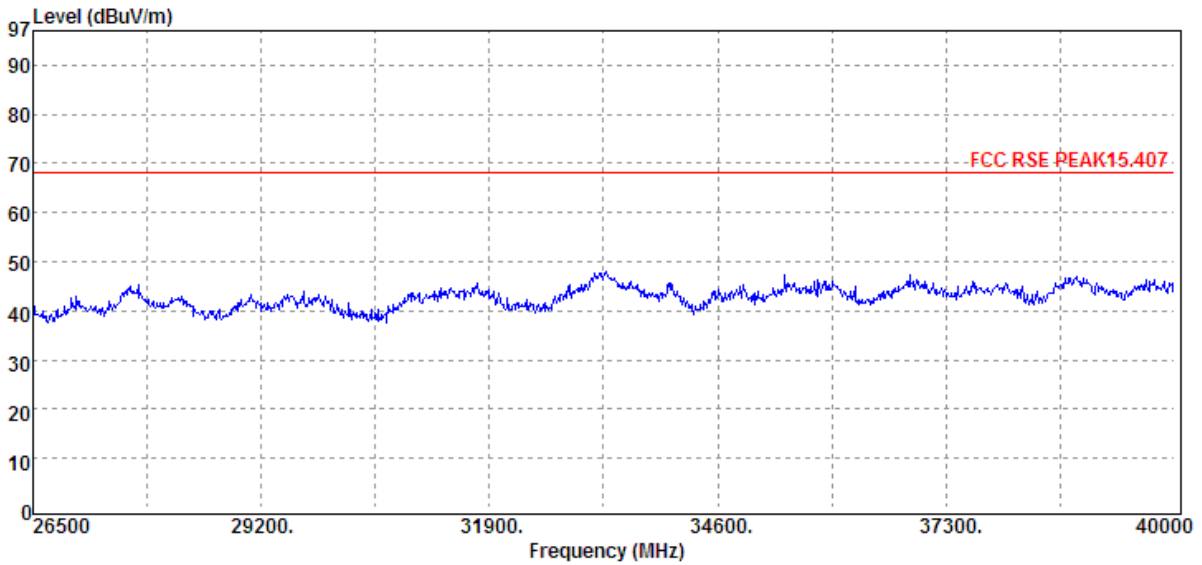
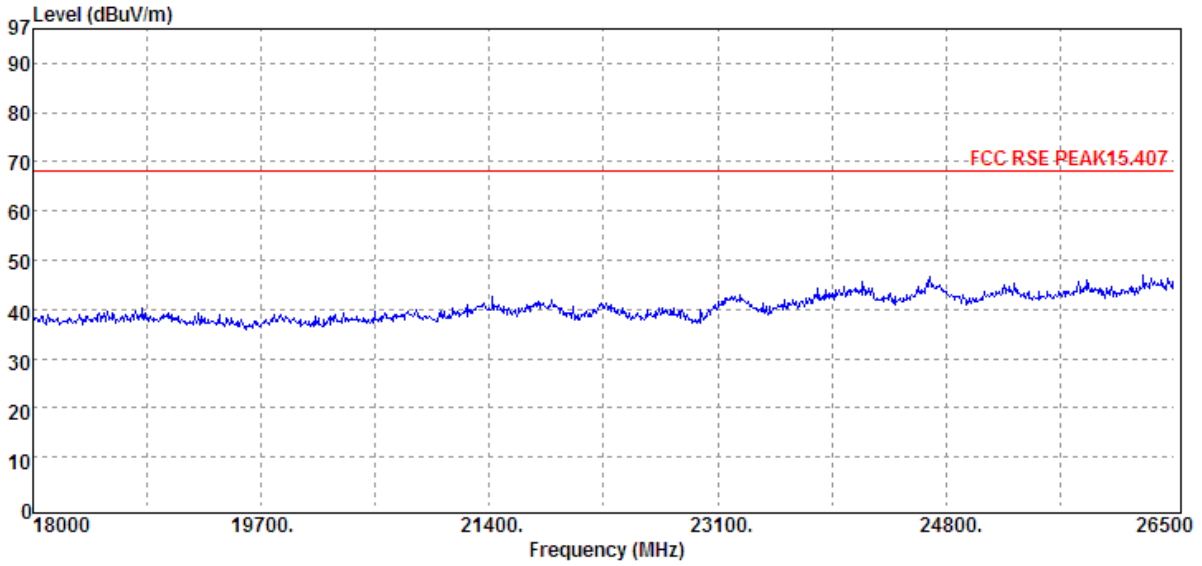
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|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID   | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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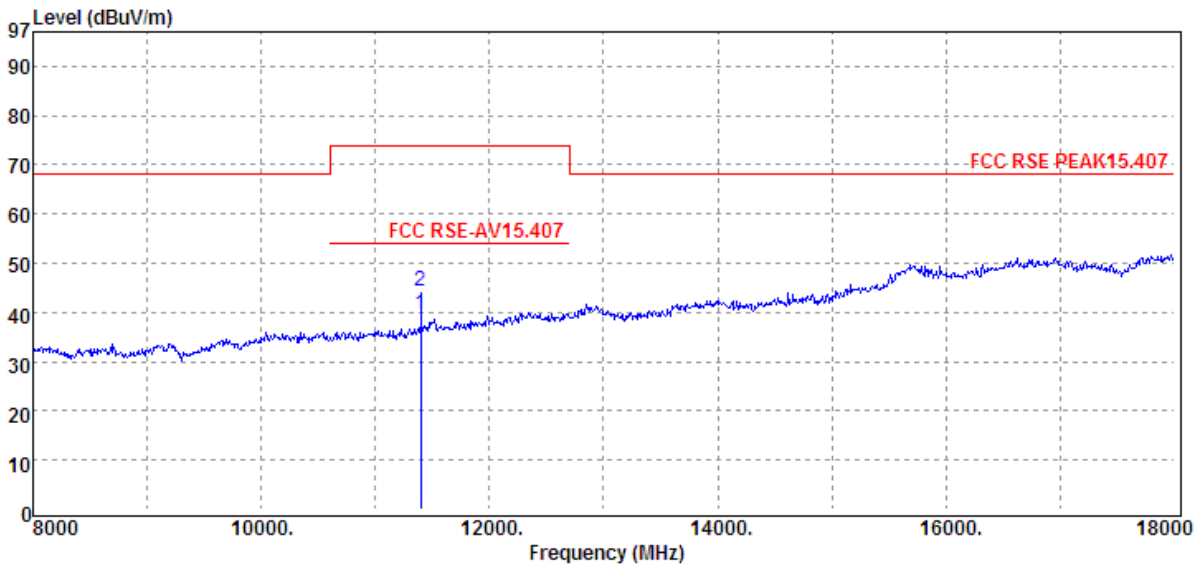
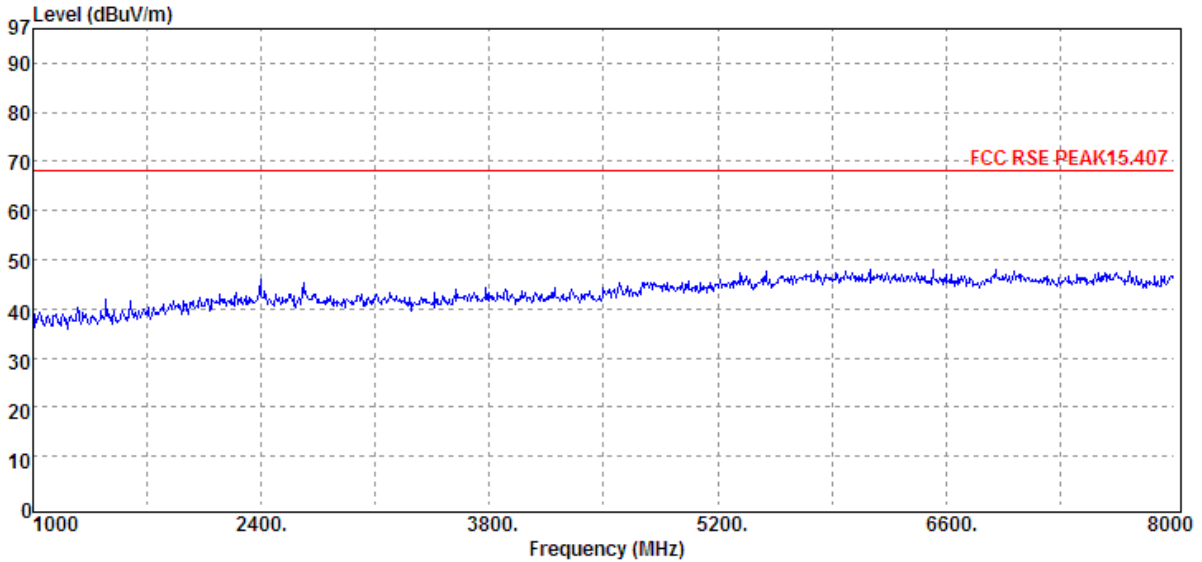


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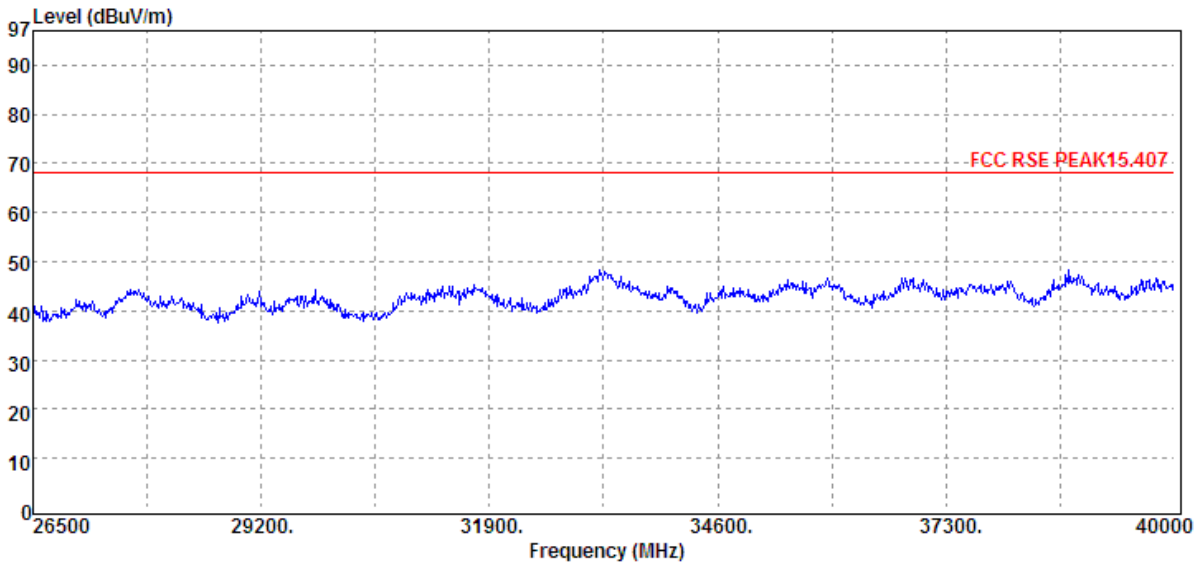
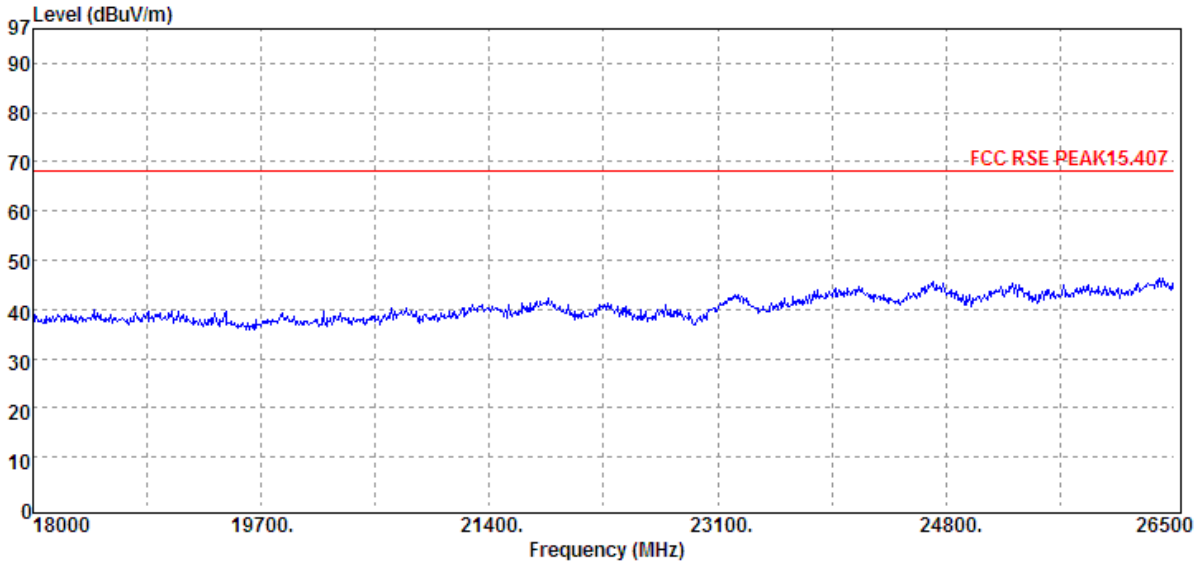
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :VERTICAL     |



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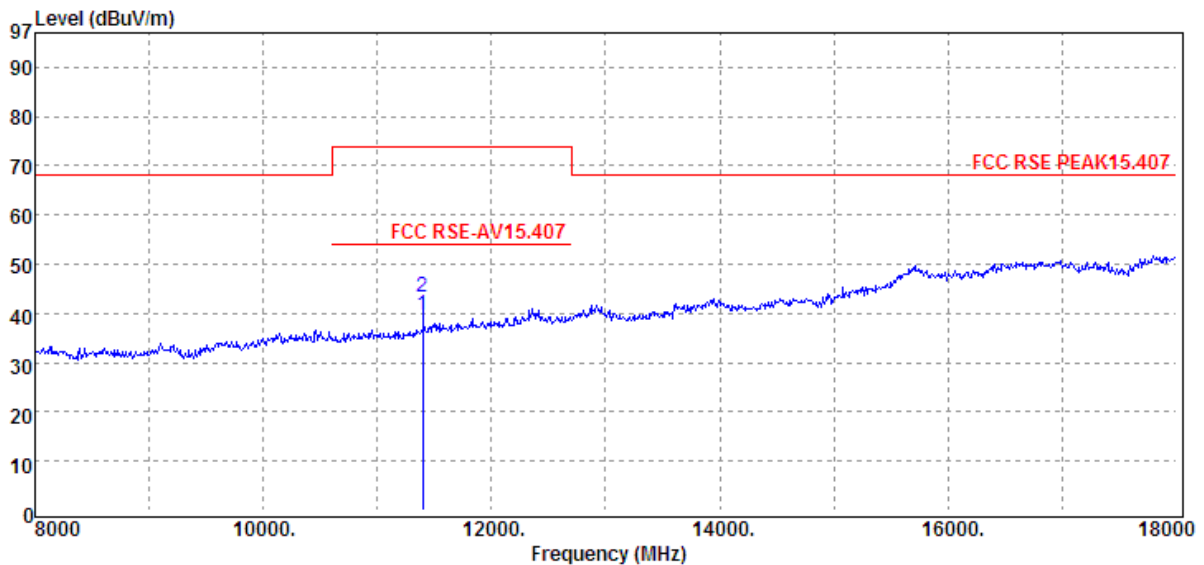
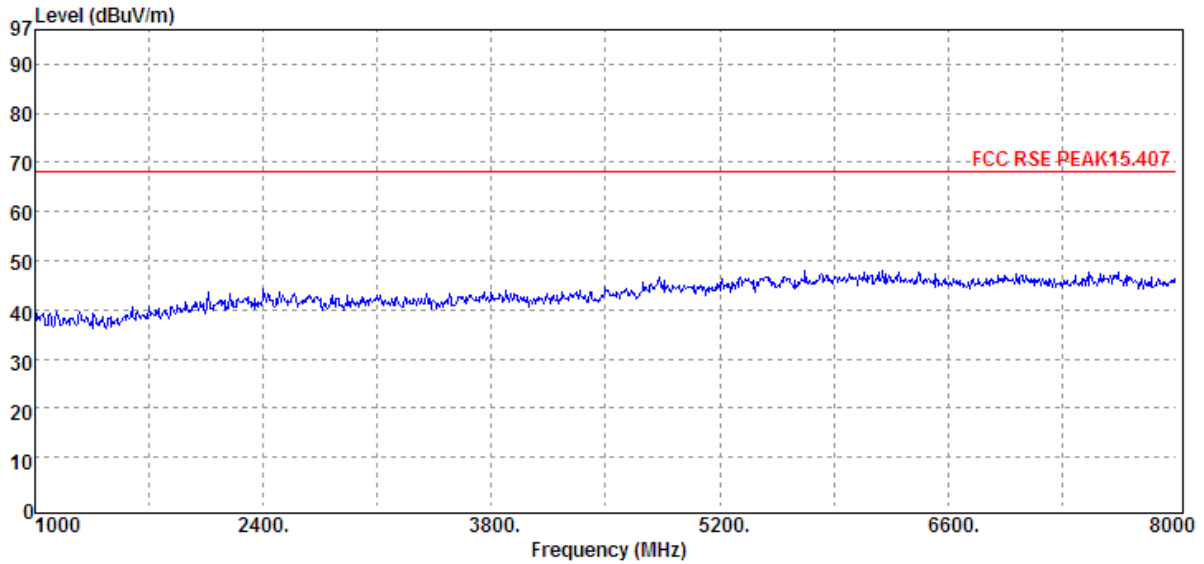
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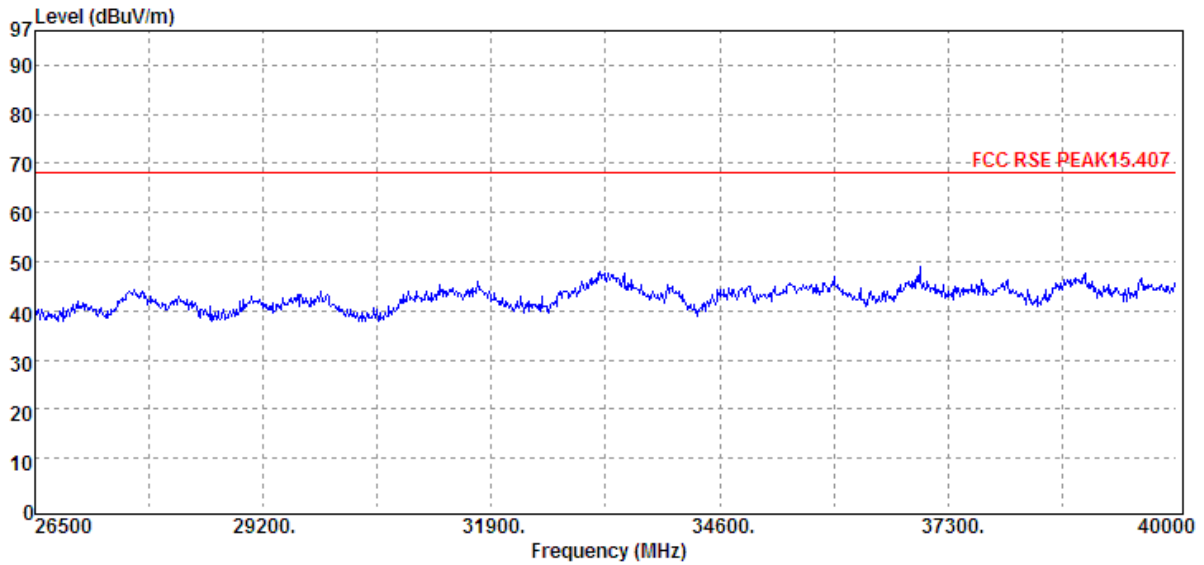
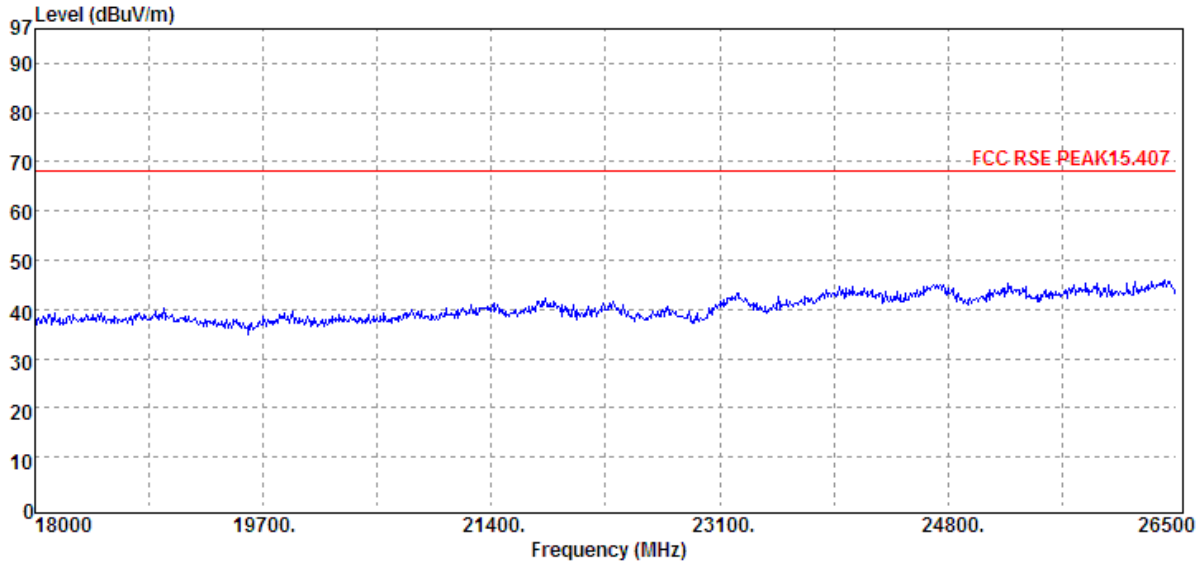
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|                       |           |                          |               |
|-----------------------|-----------|--------------------------|---------------|
| Operation Band        | :802.11 a | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH  | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan   | Measurement Antenna Pol. | :HORIZONTAL   |



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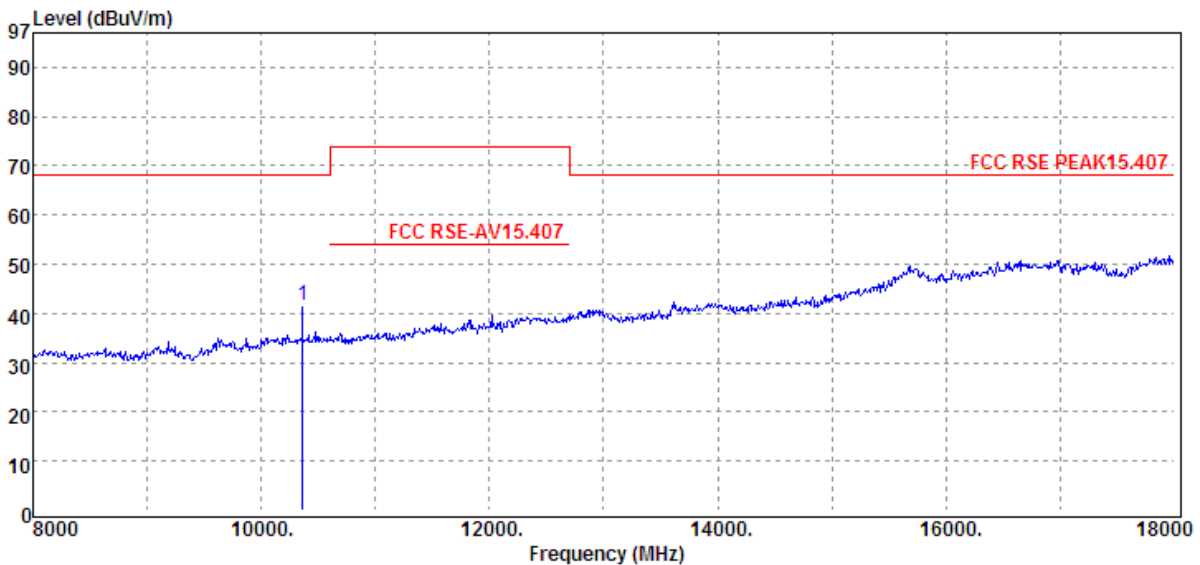
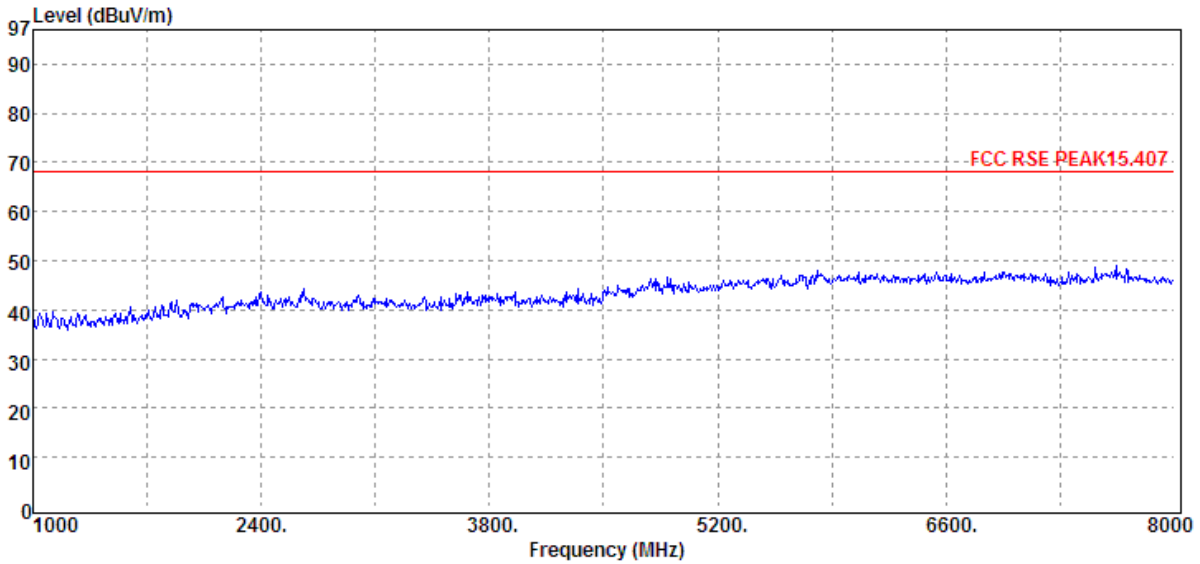
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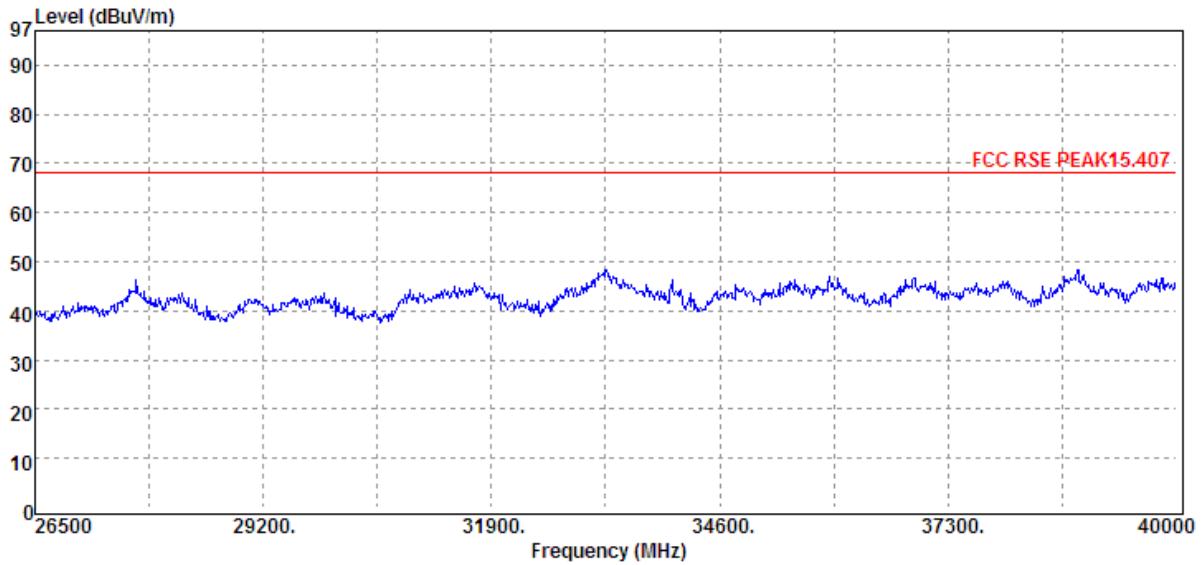
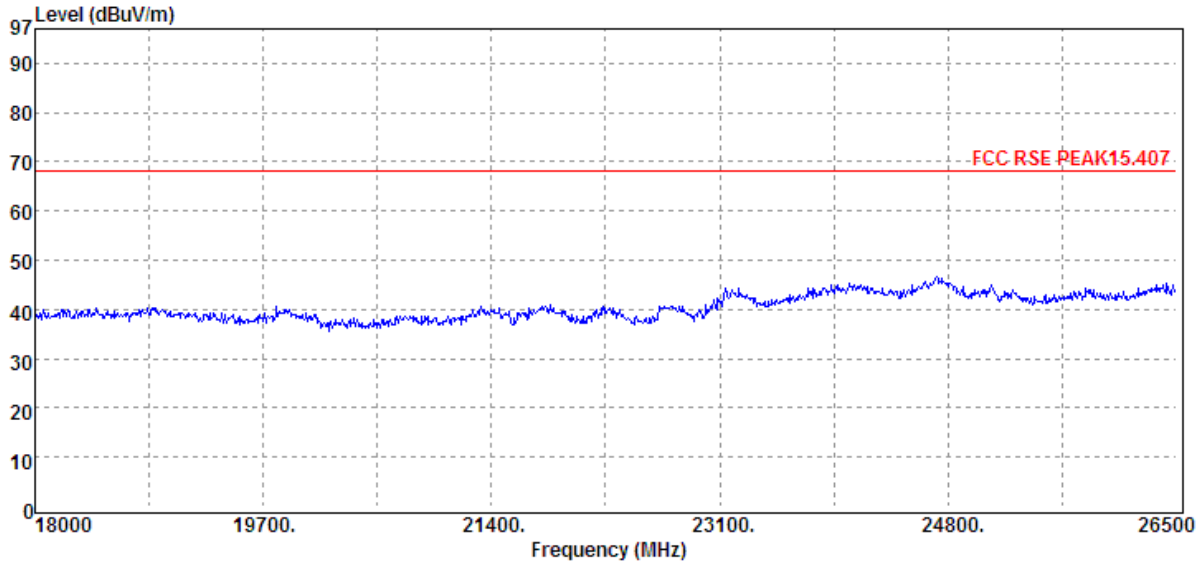
**802.11n\_20MHz 5150-5250MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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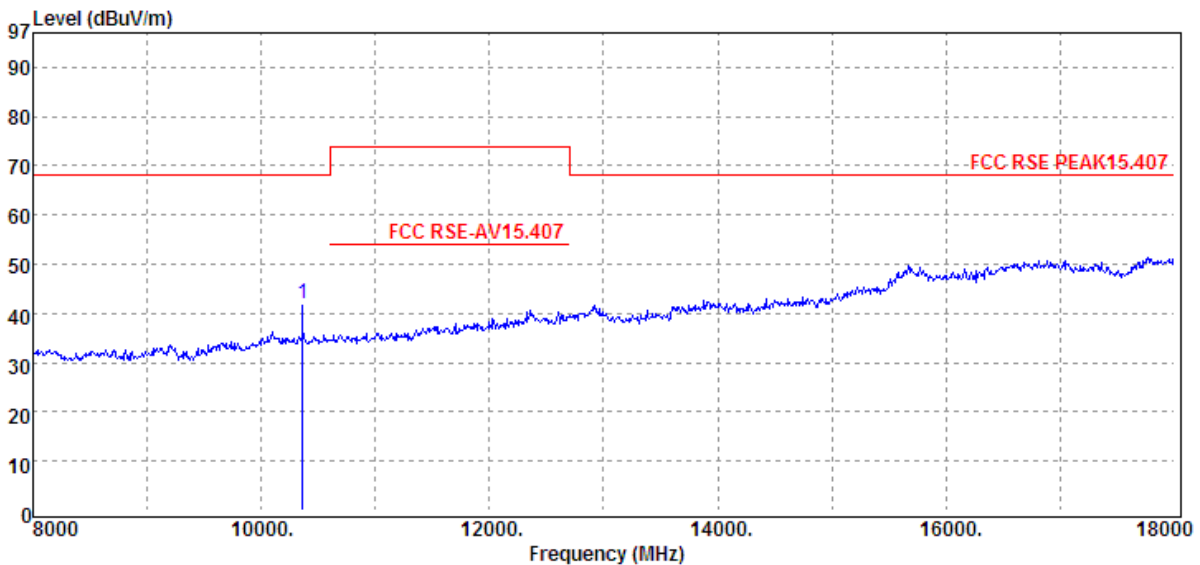
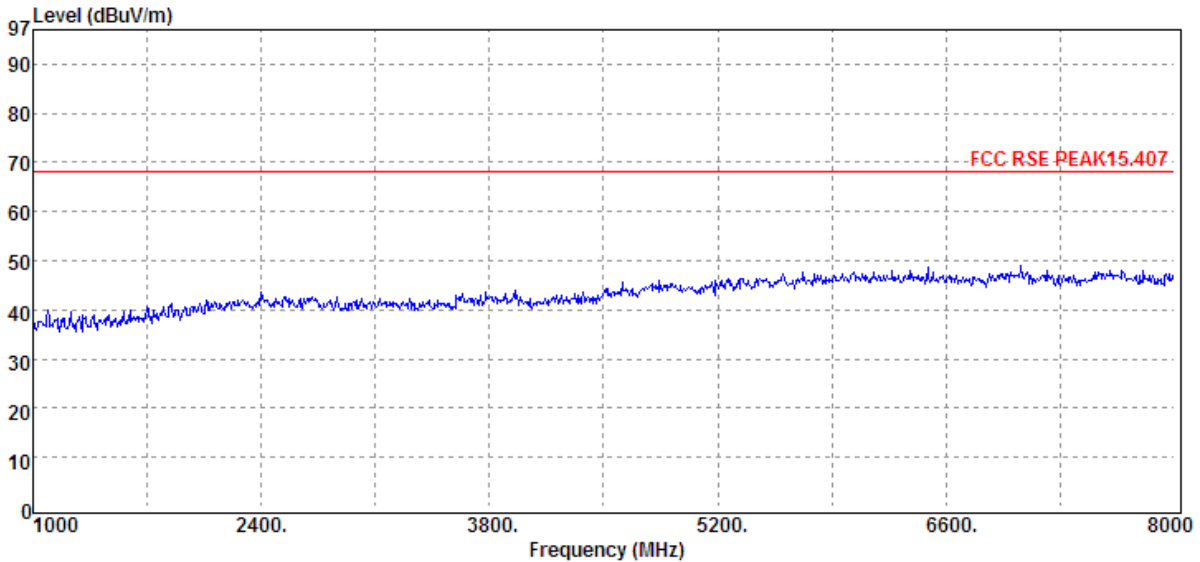


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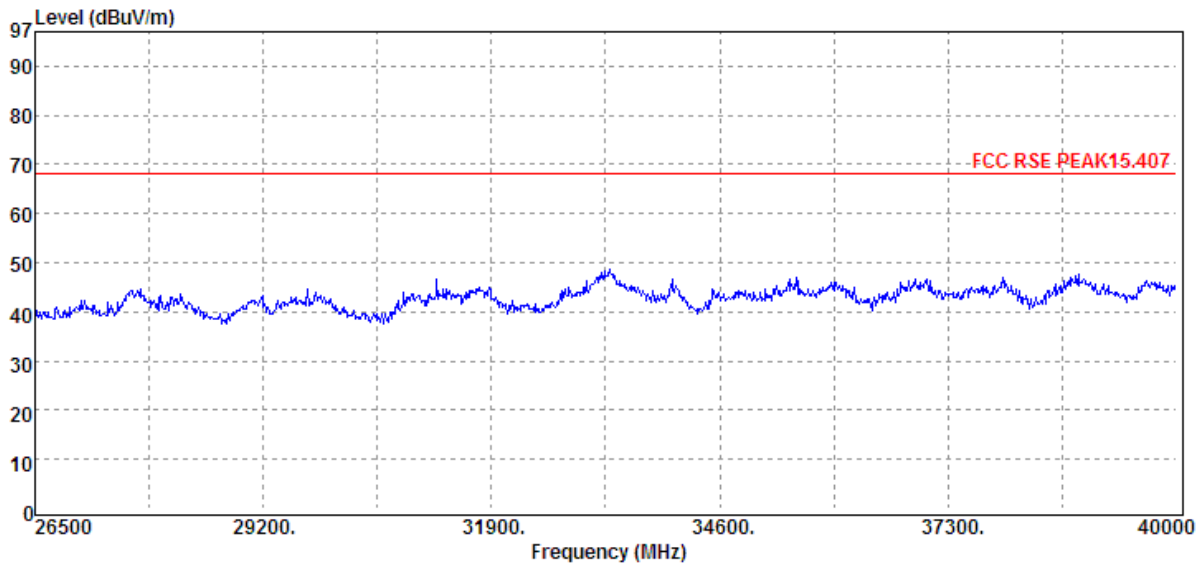
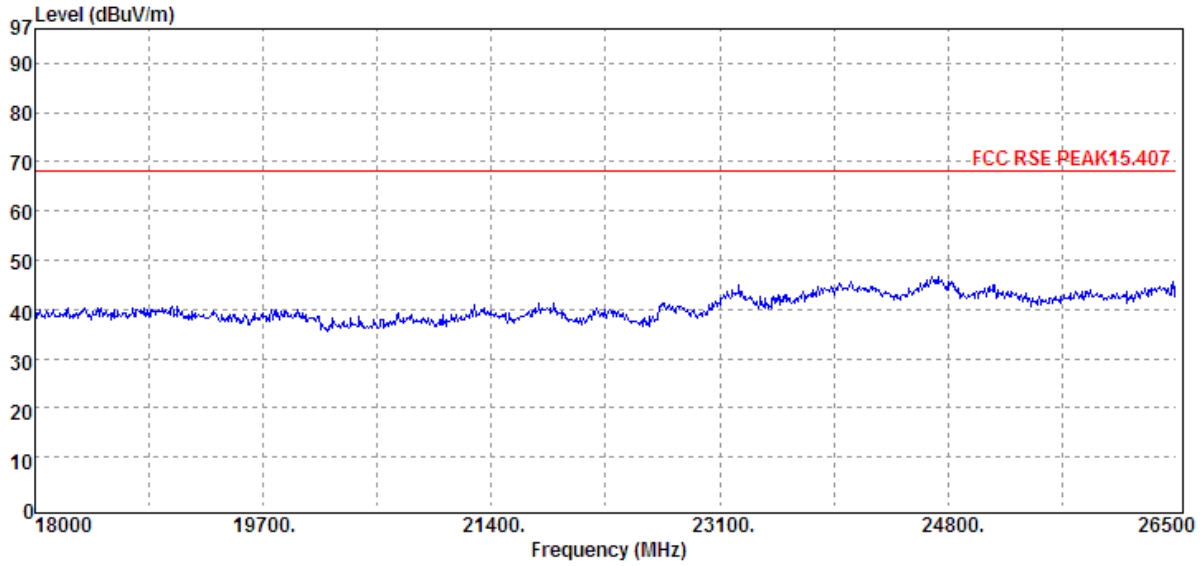
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5180 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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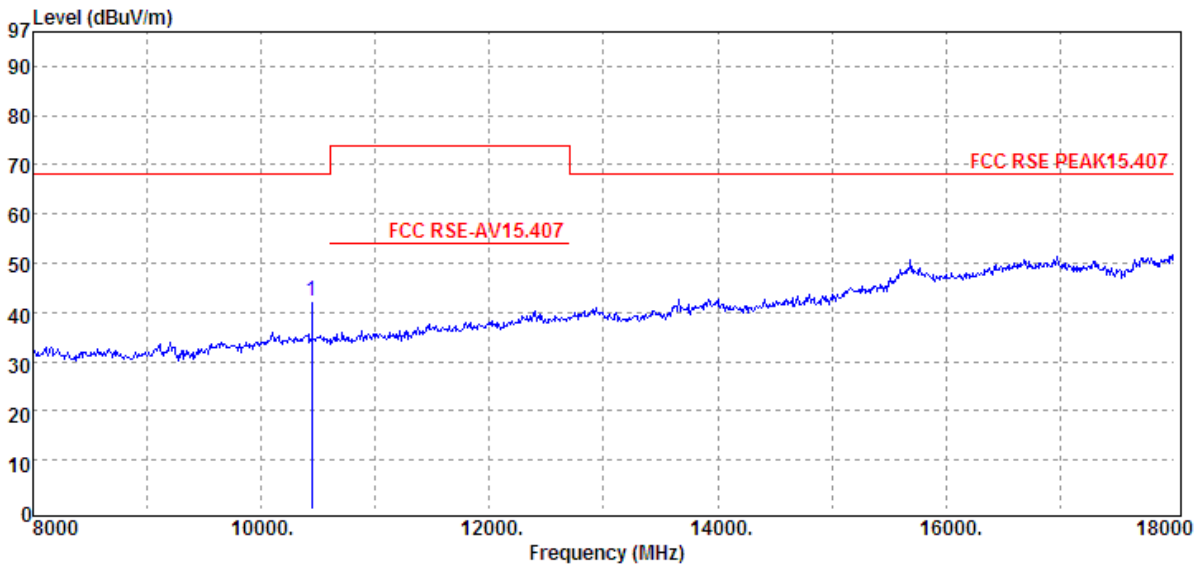
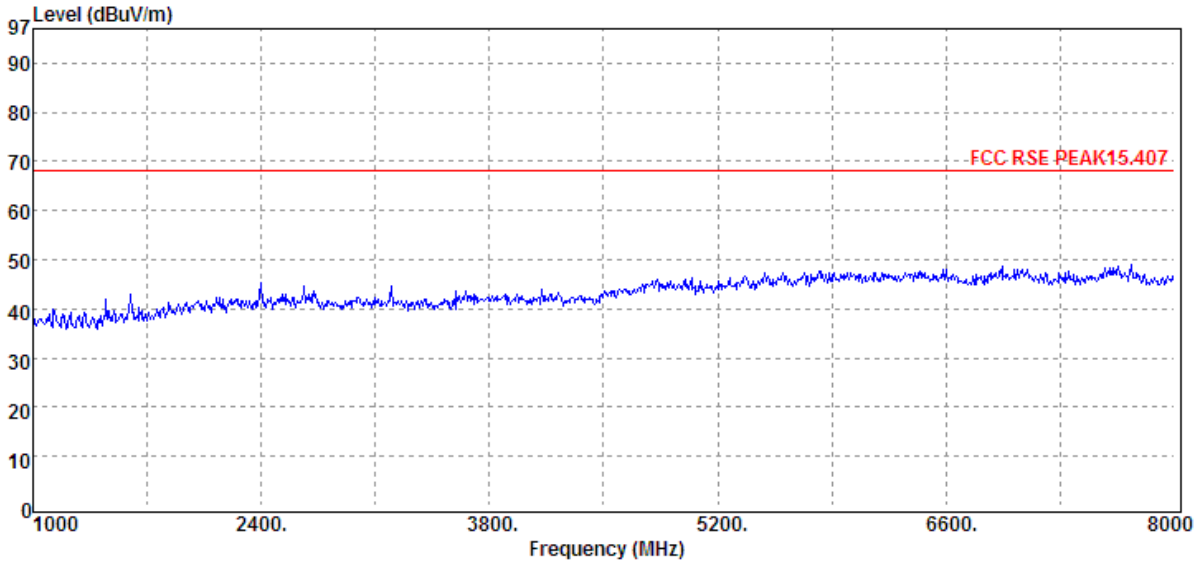


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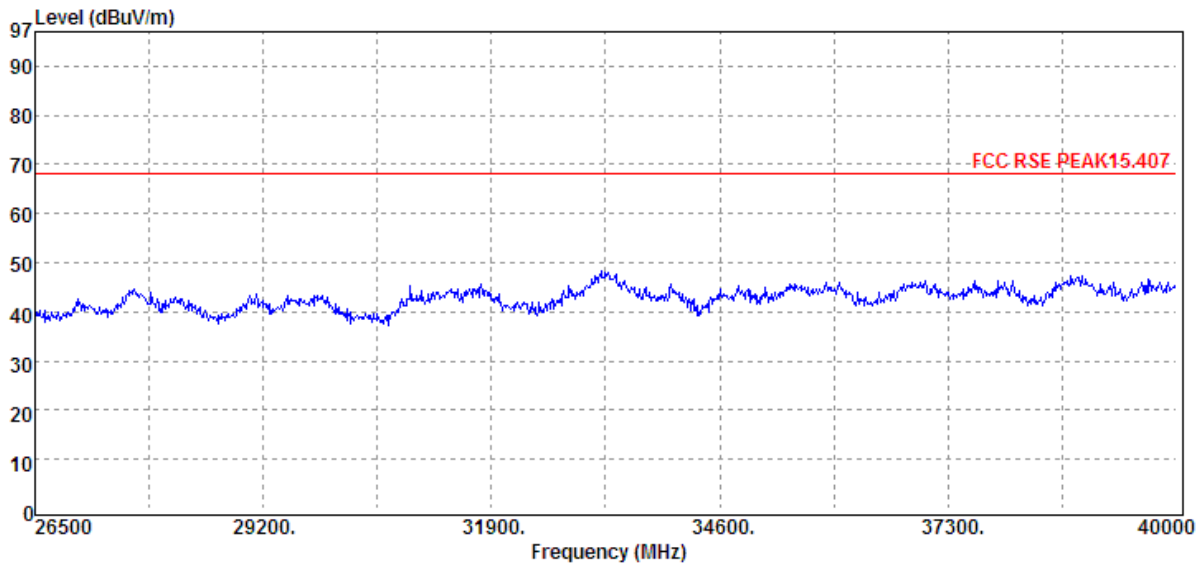
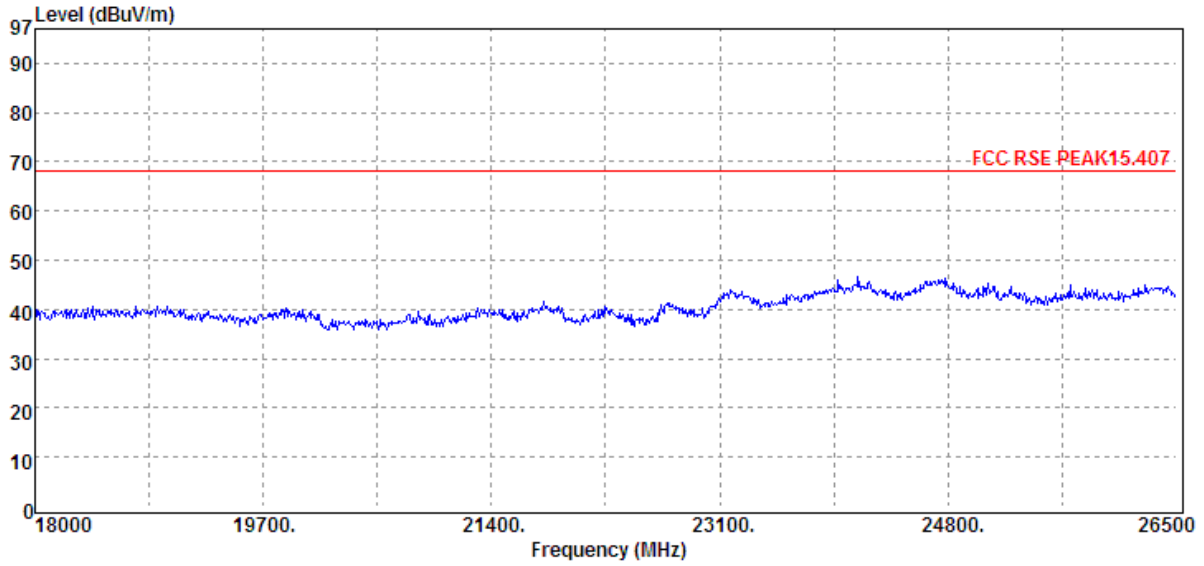
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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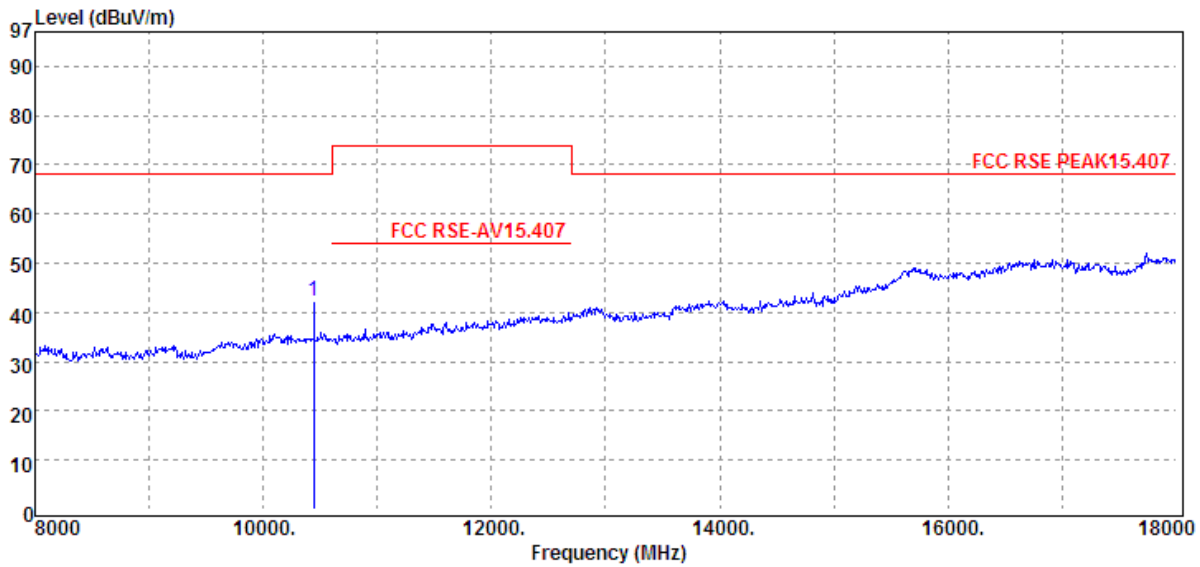
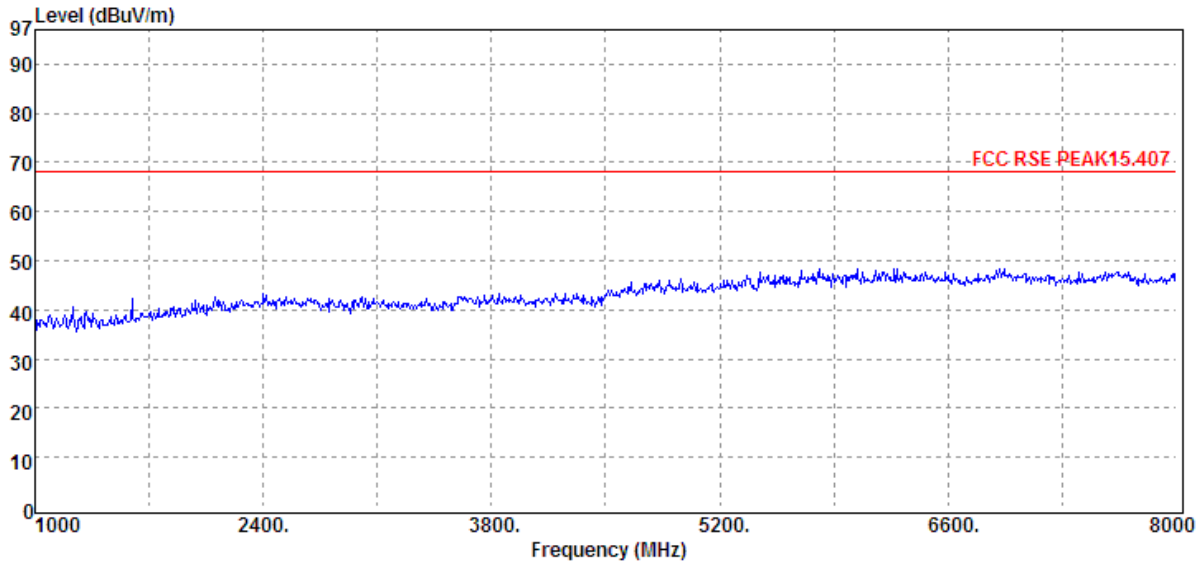


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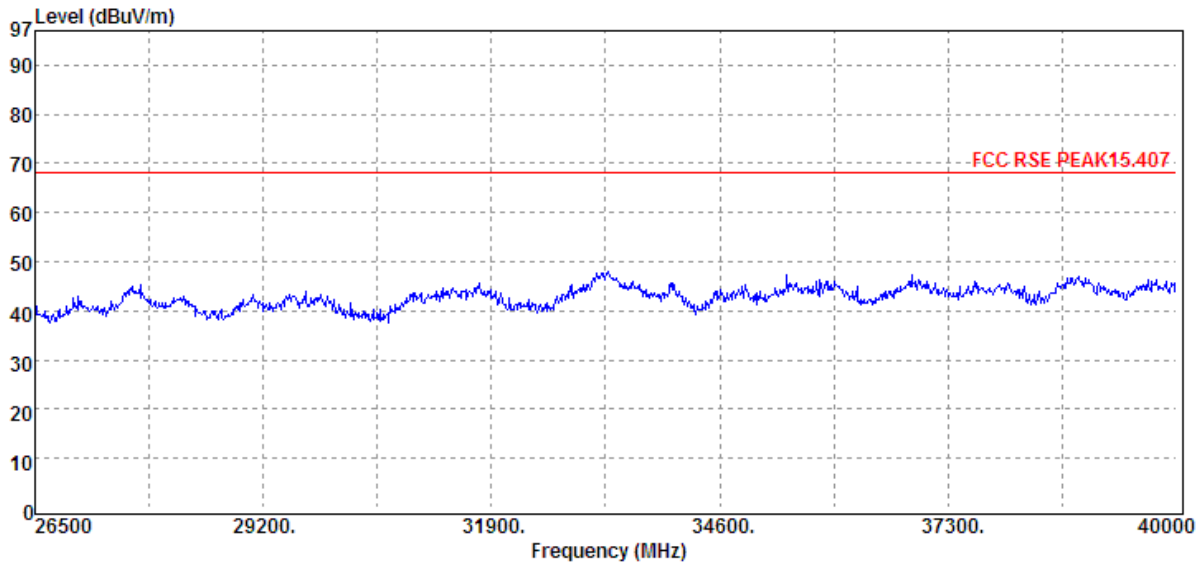
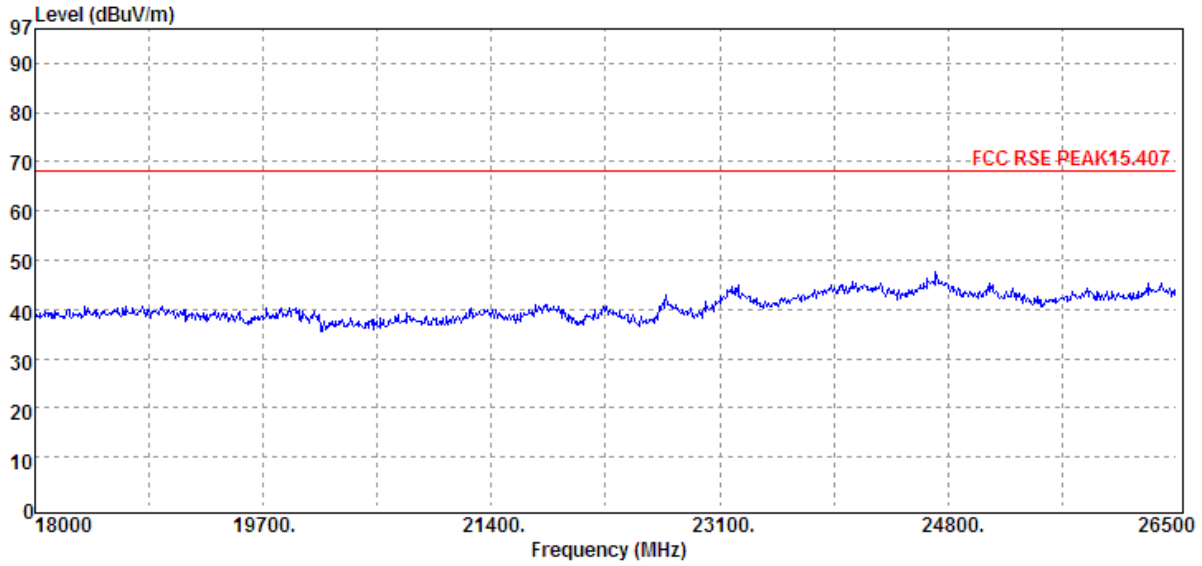
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5220 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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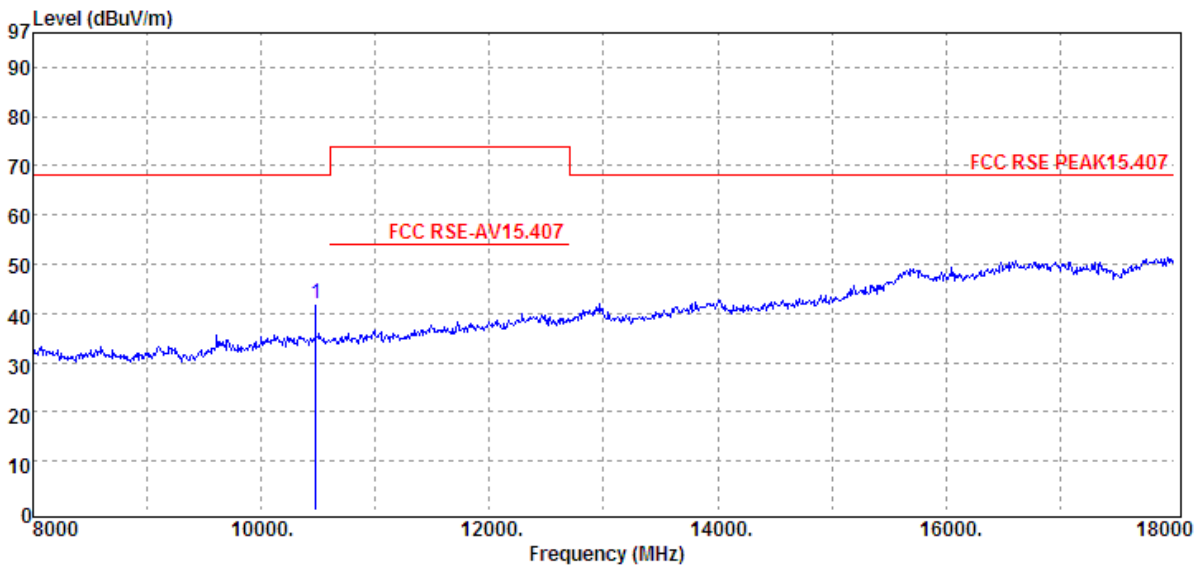
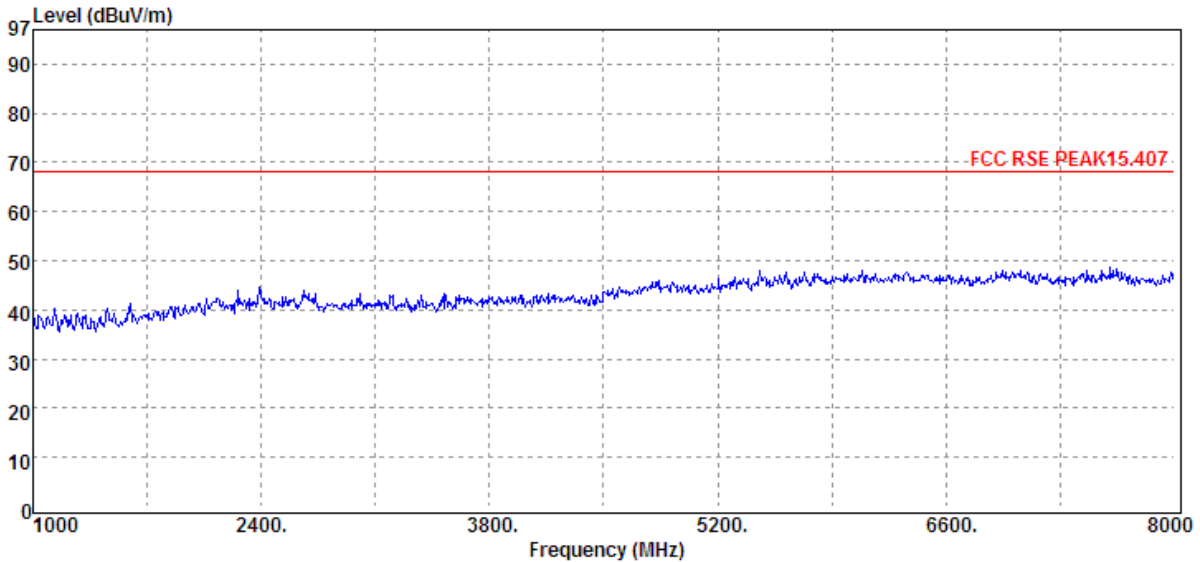


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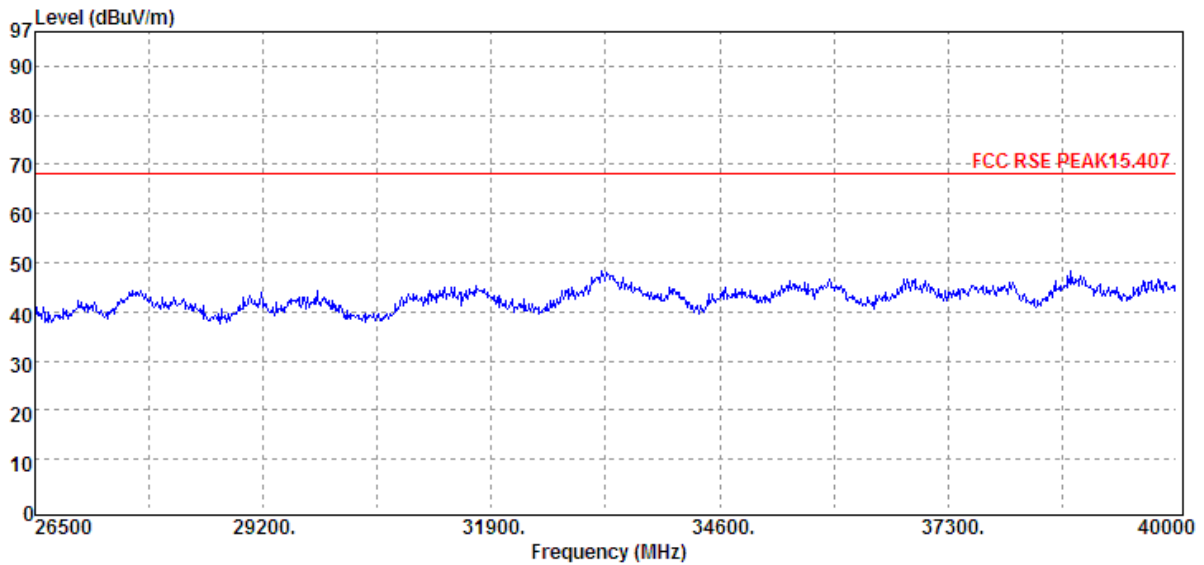
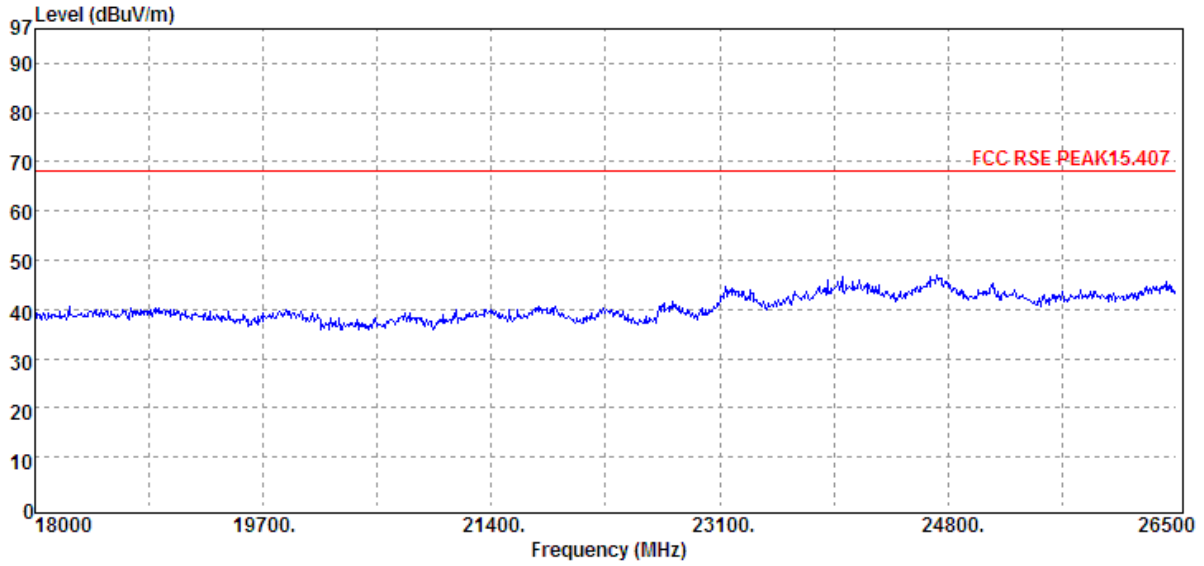


|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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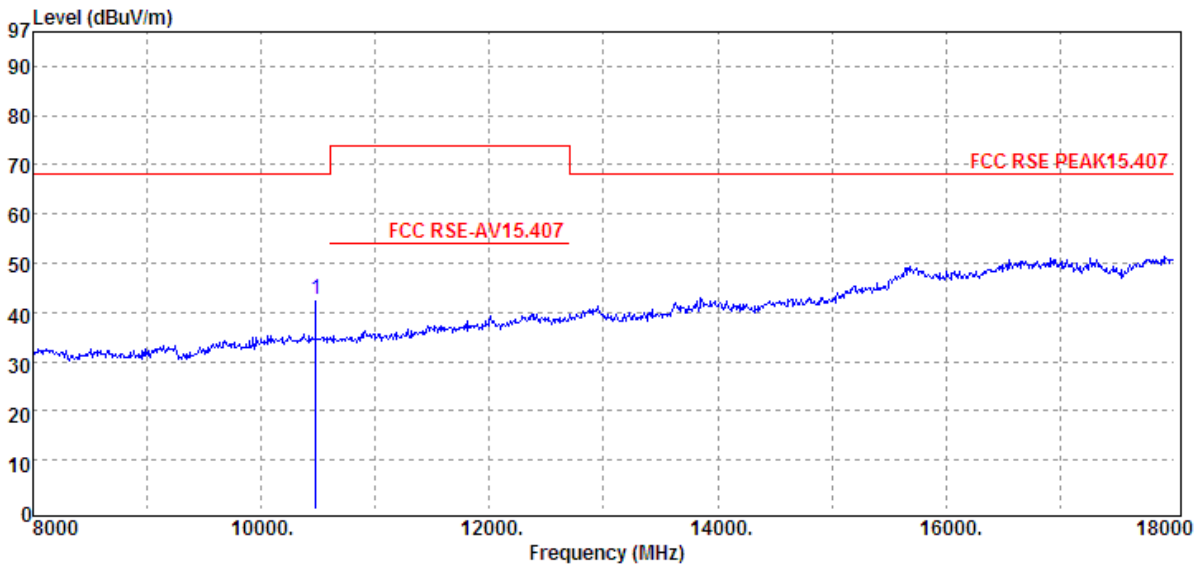
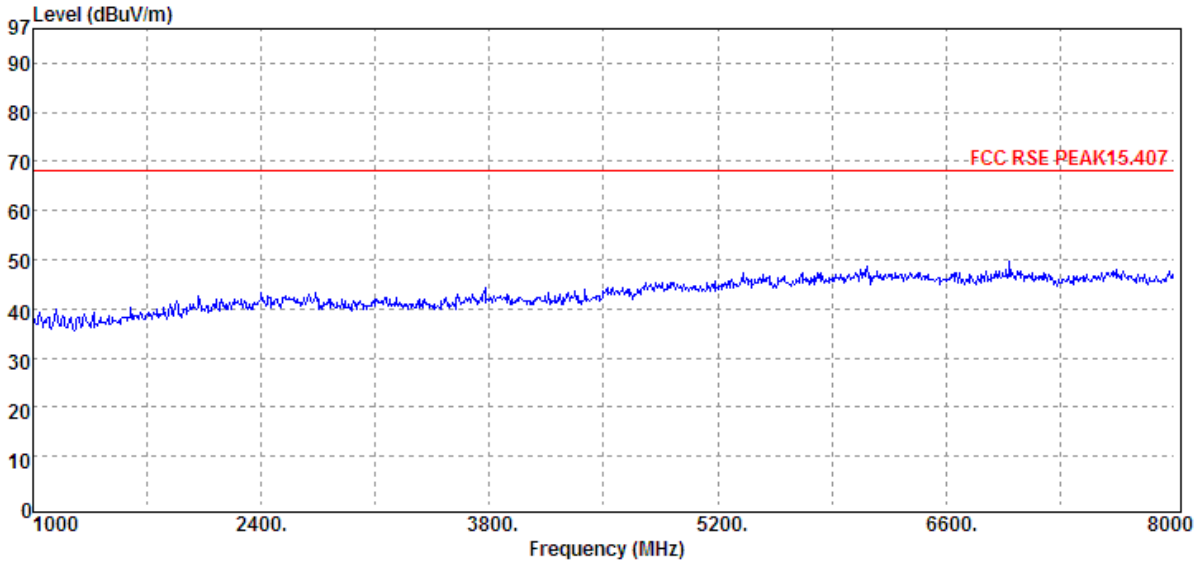


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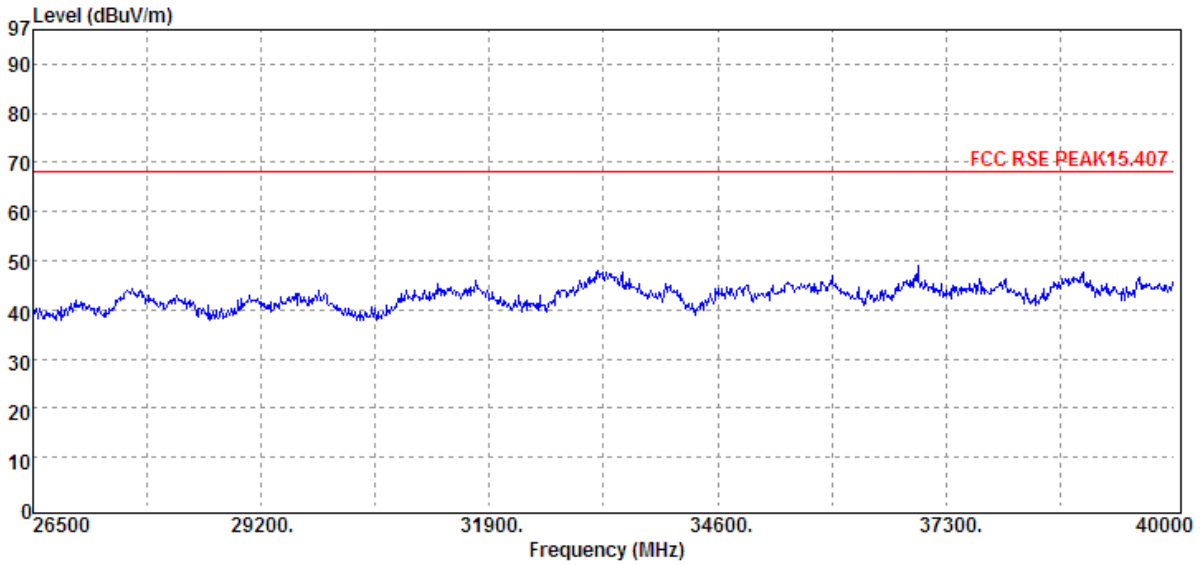
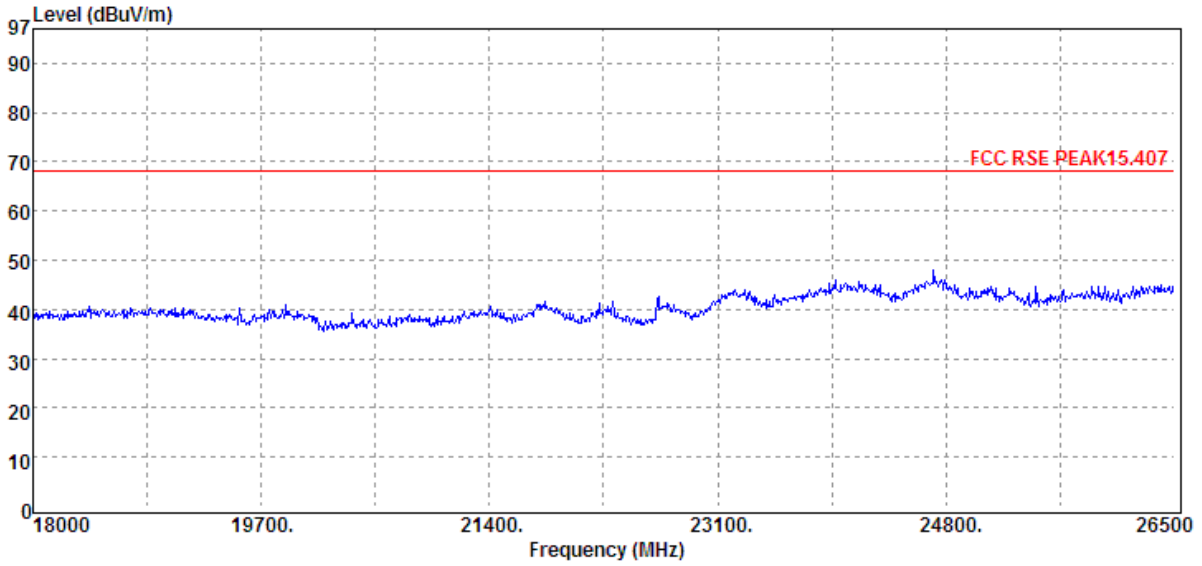
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5240 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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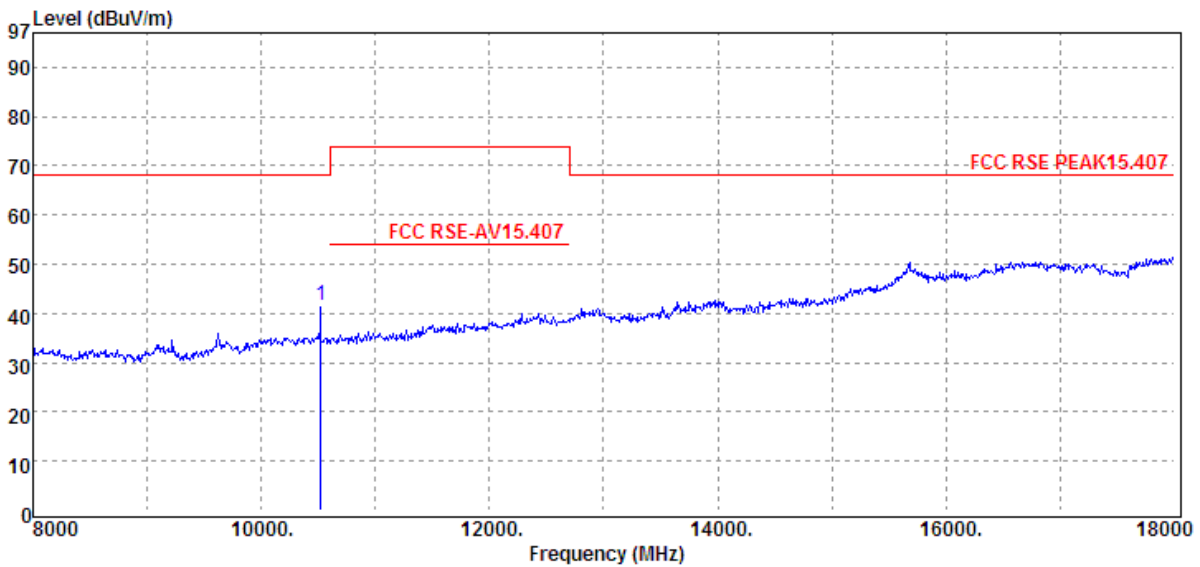
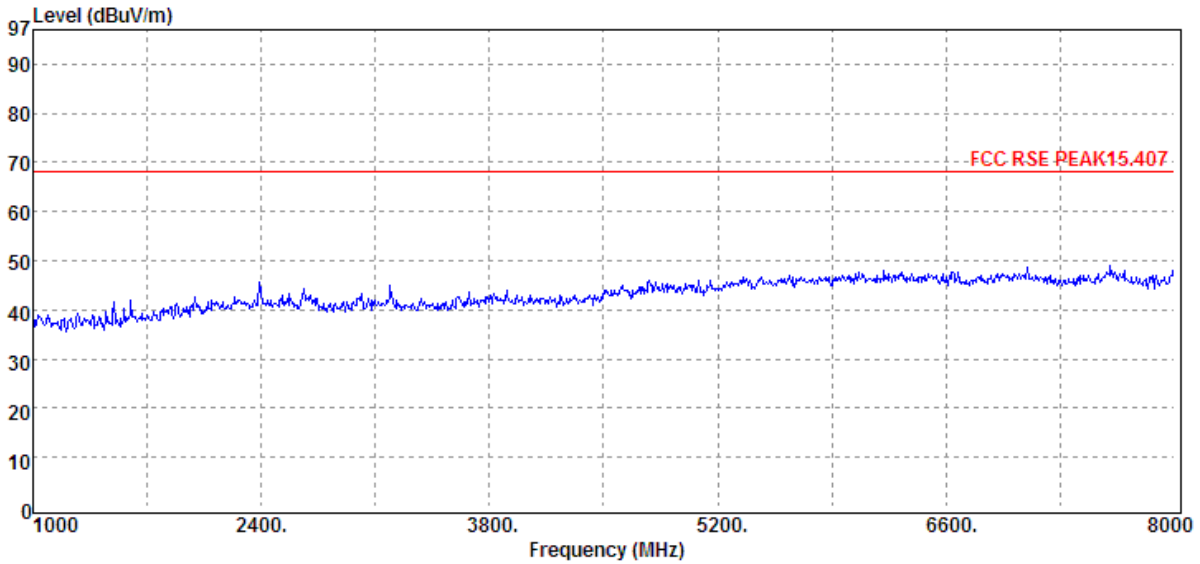


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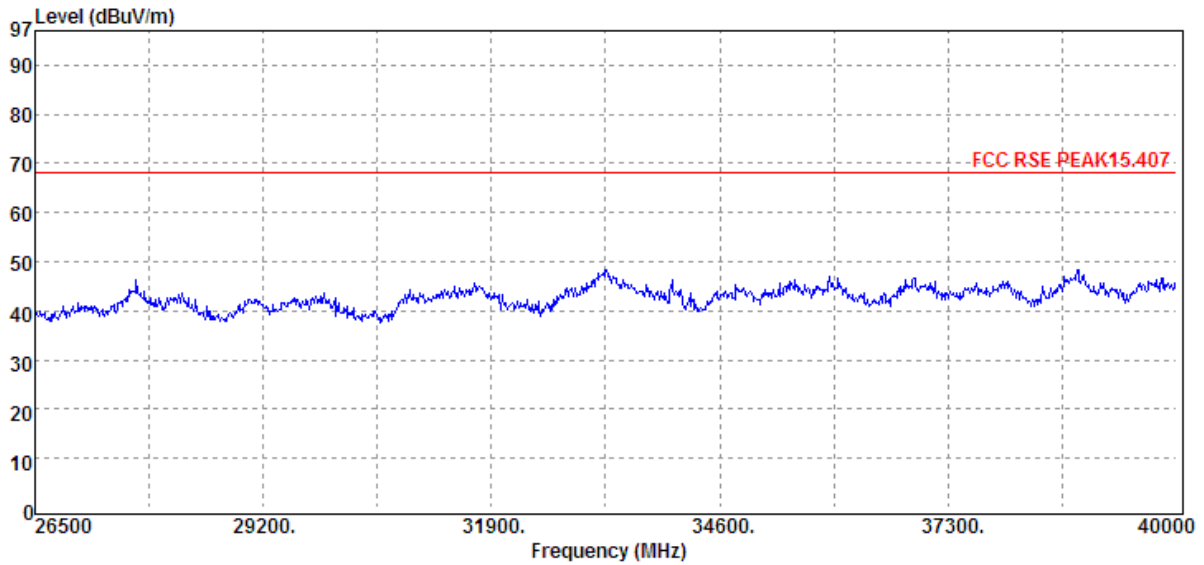
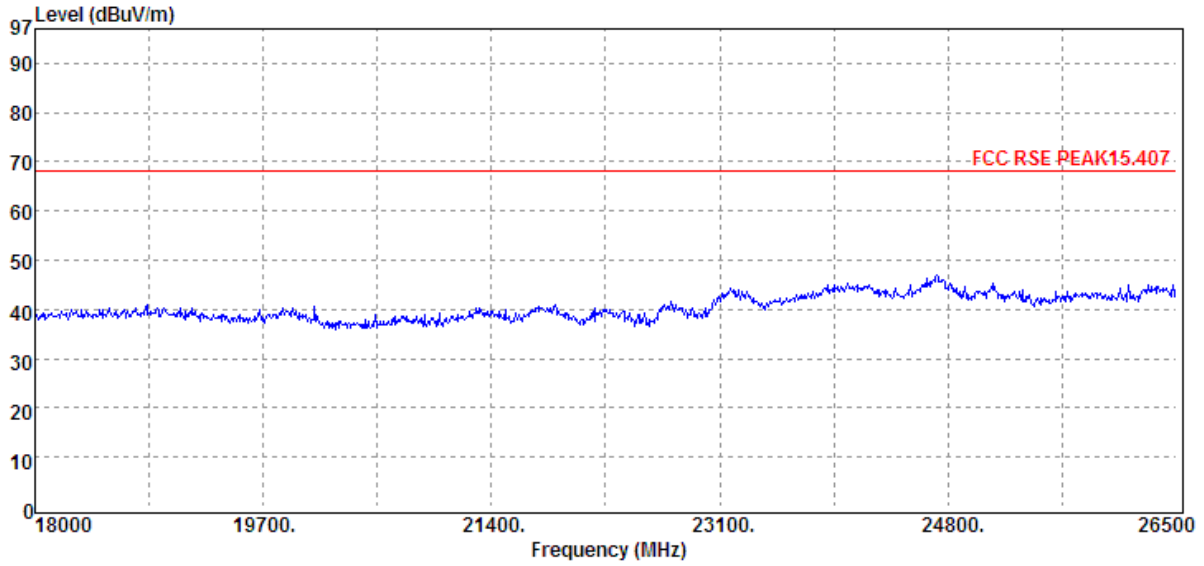
**802.11n HT20 5250-5350MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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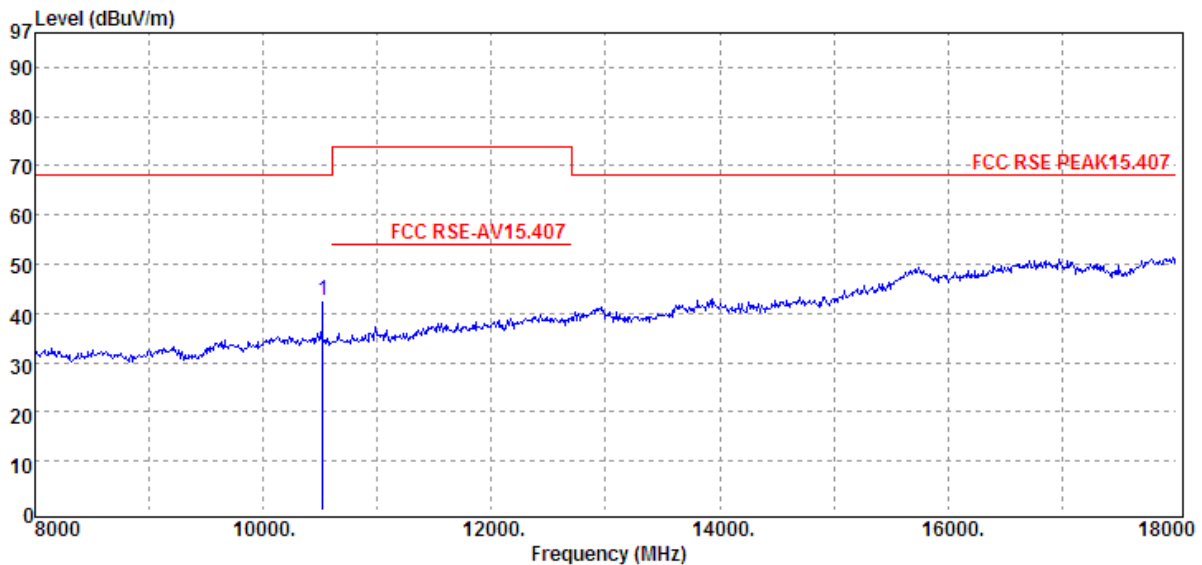
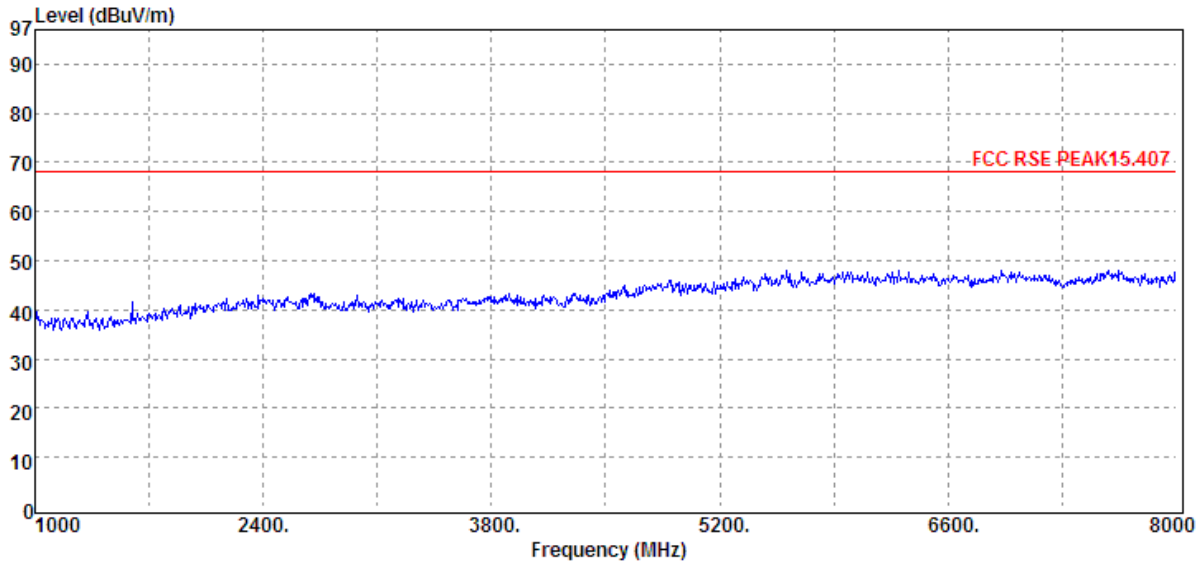


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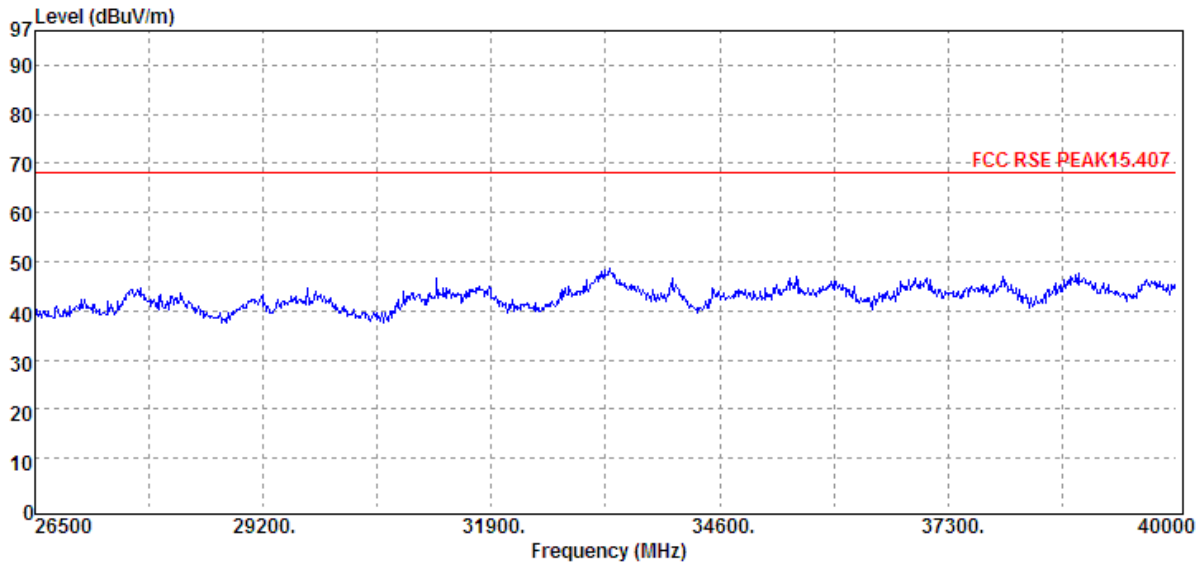
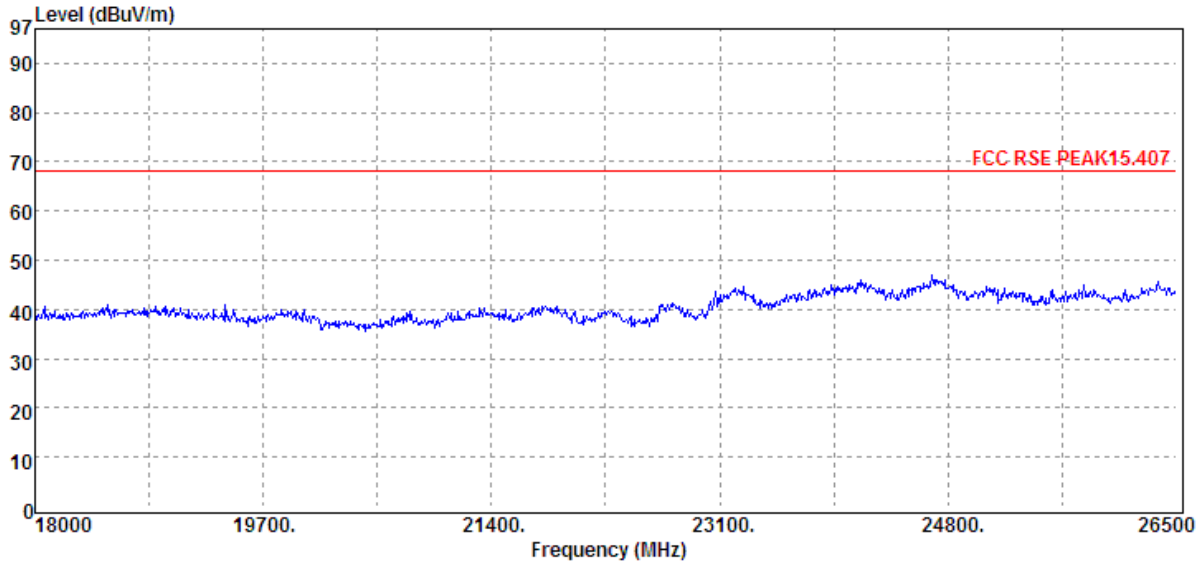
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5260 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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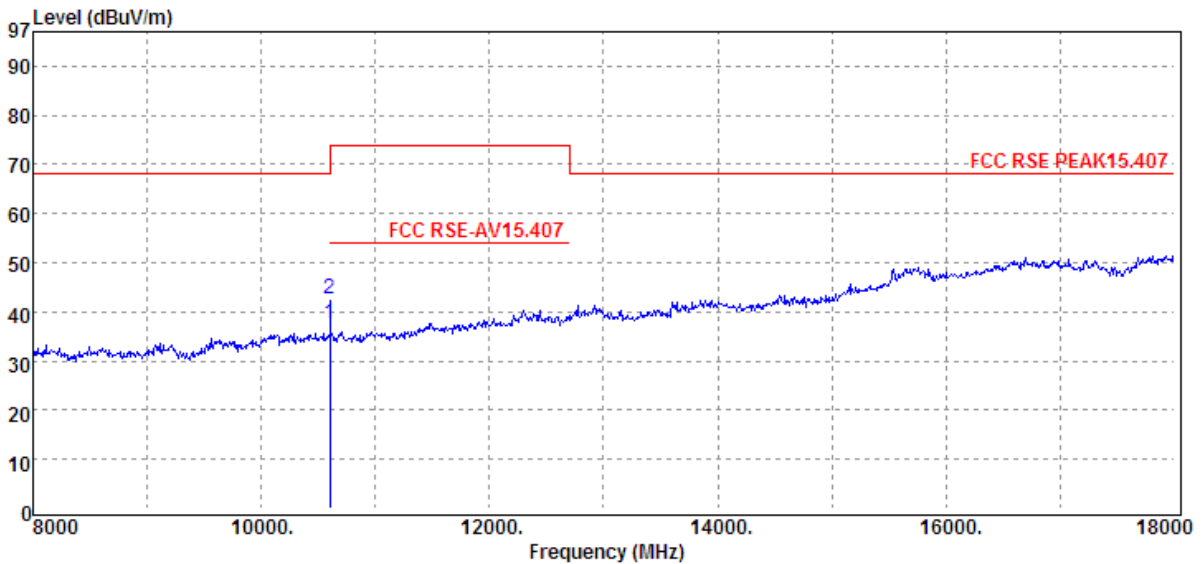
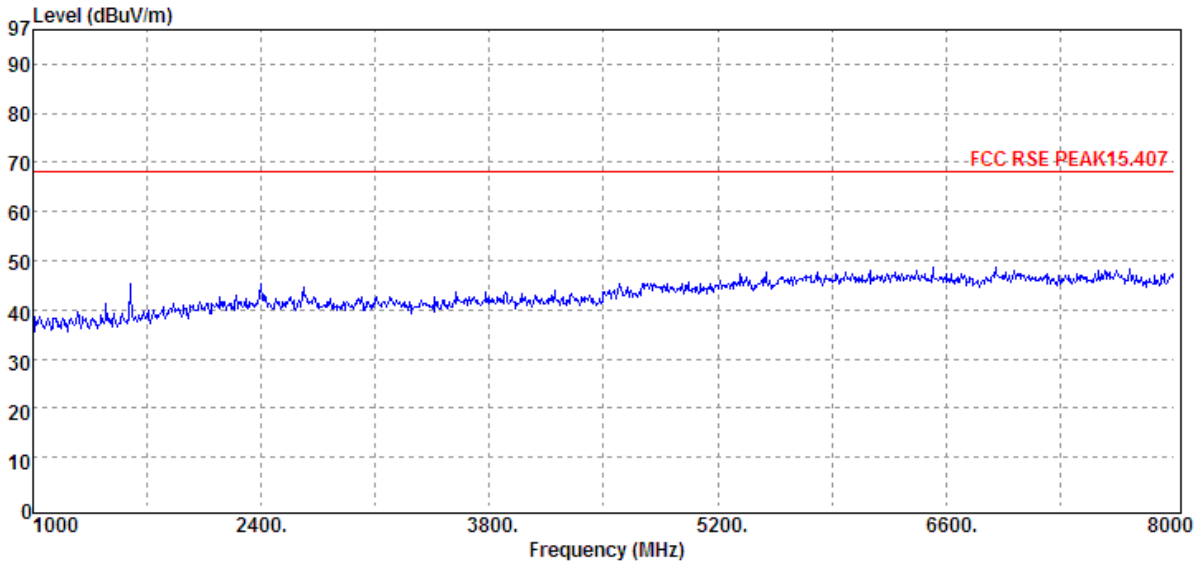
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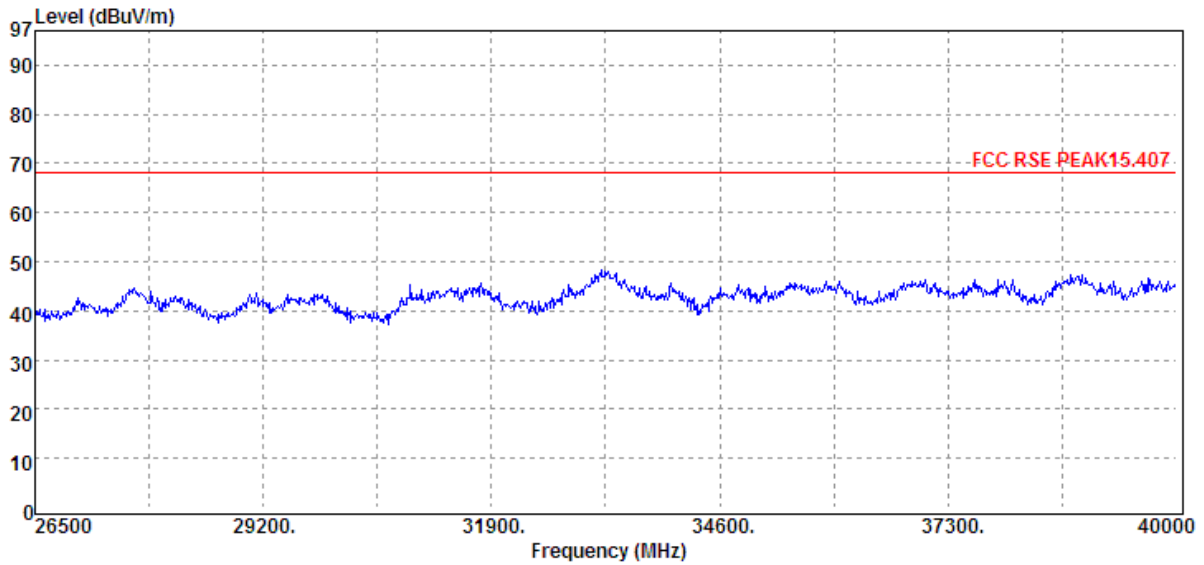
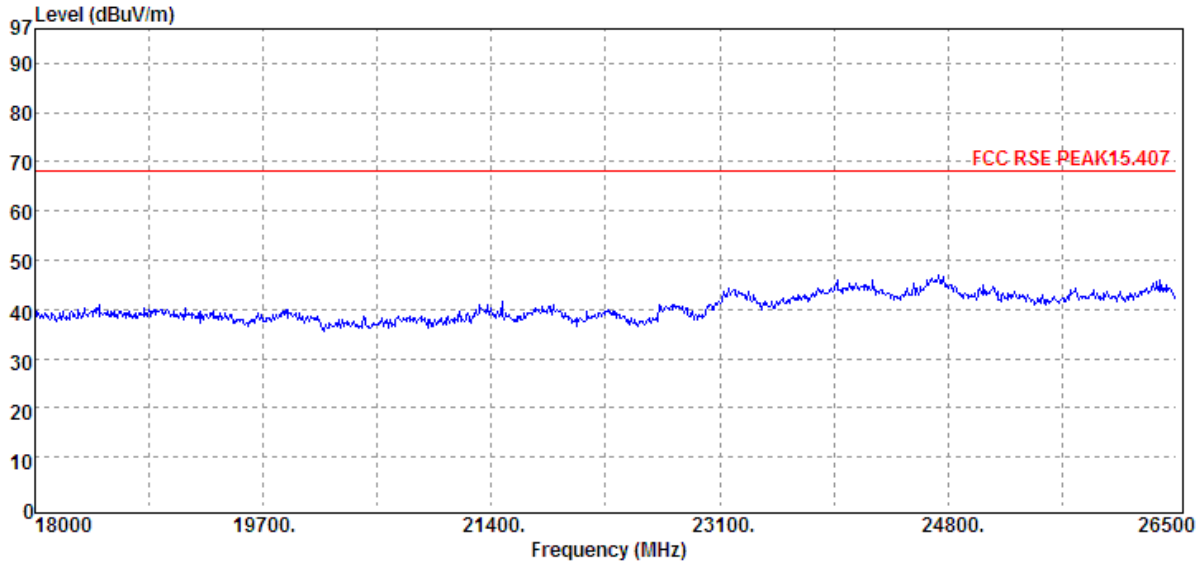
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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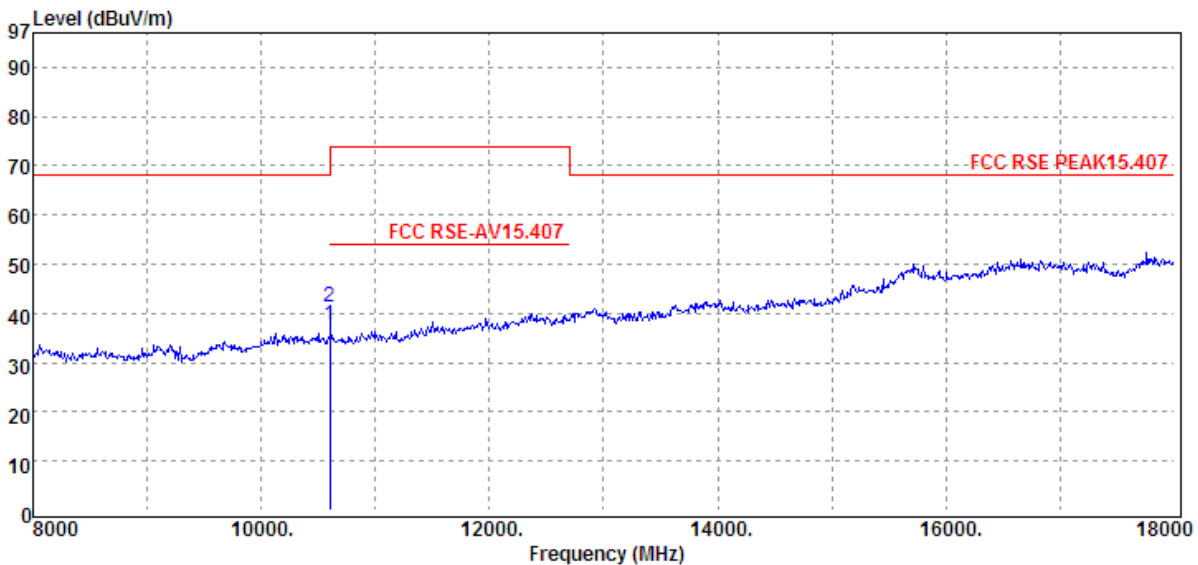
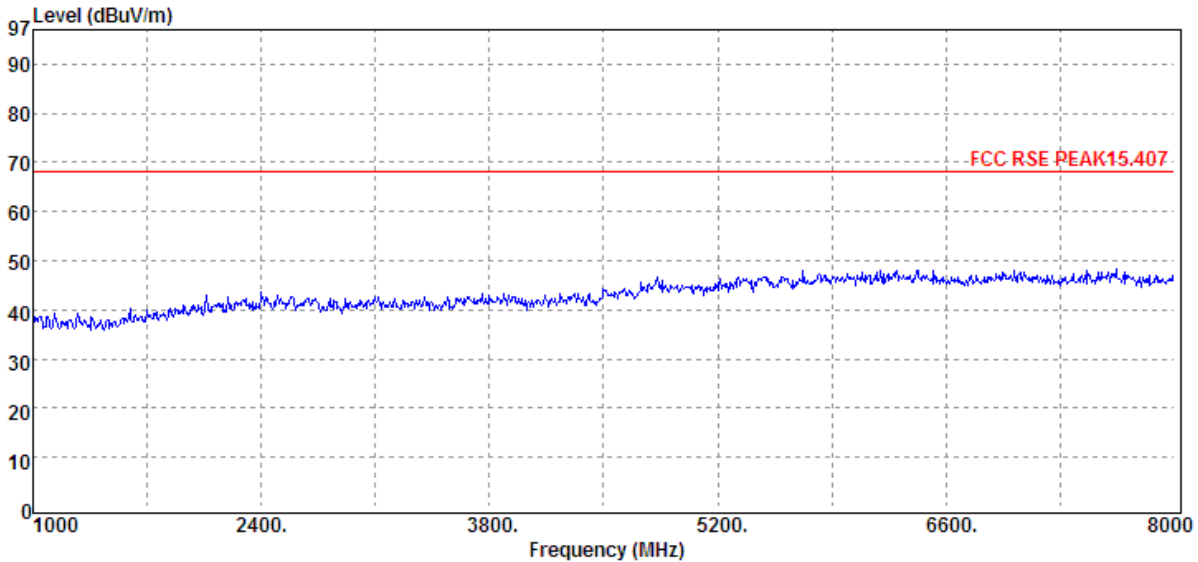


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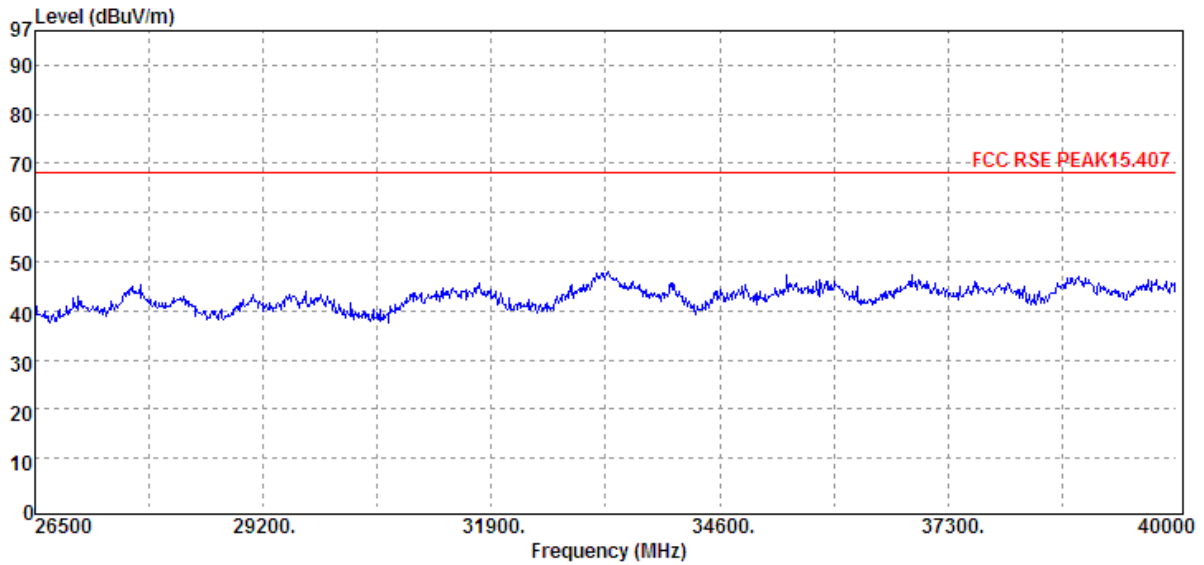
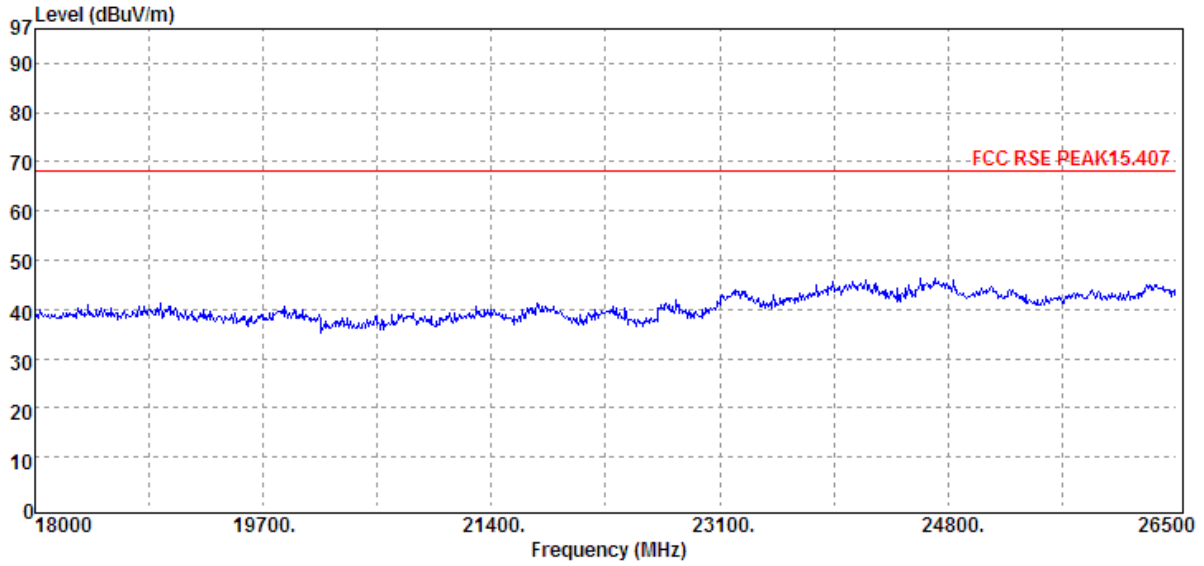
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5300 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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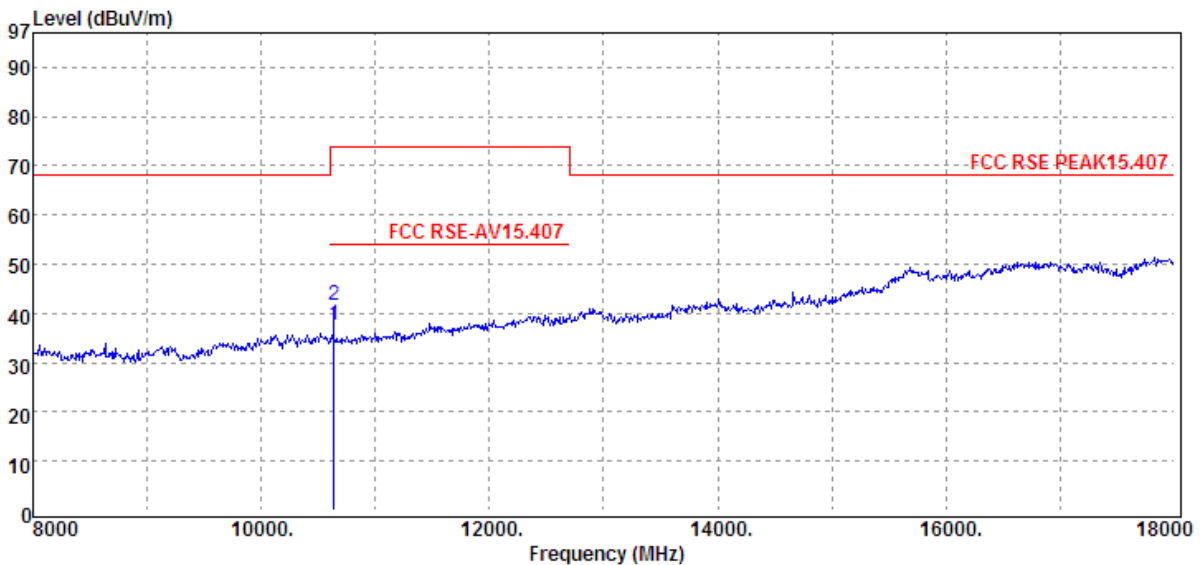
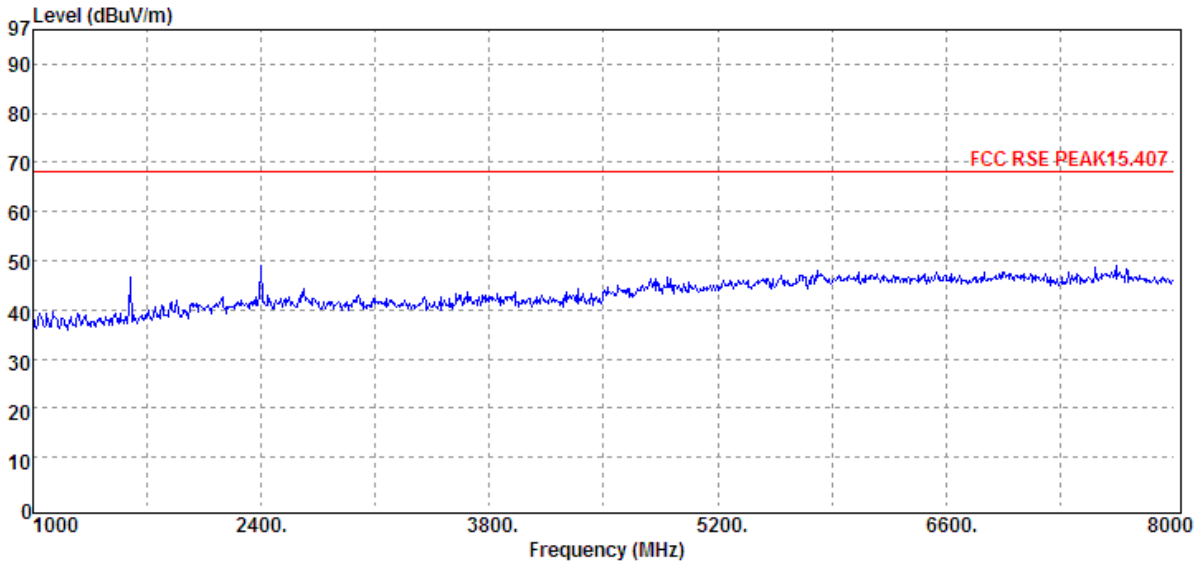


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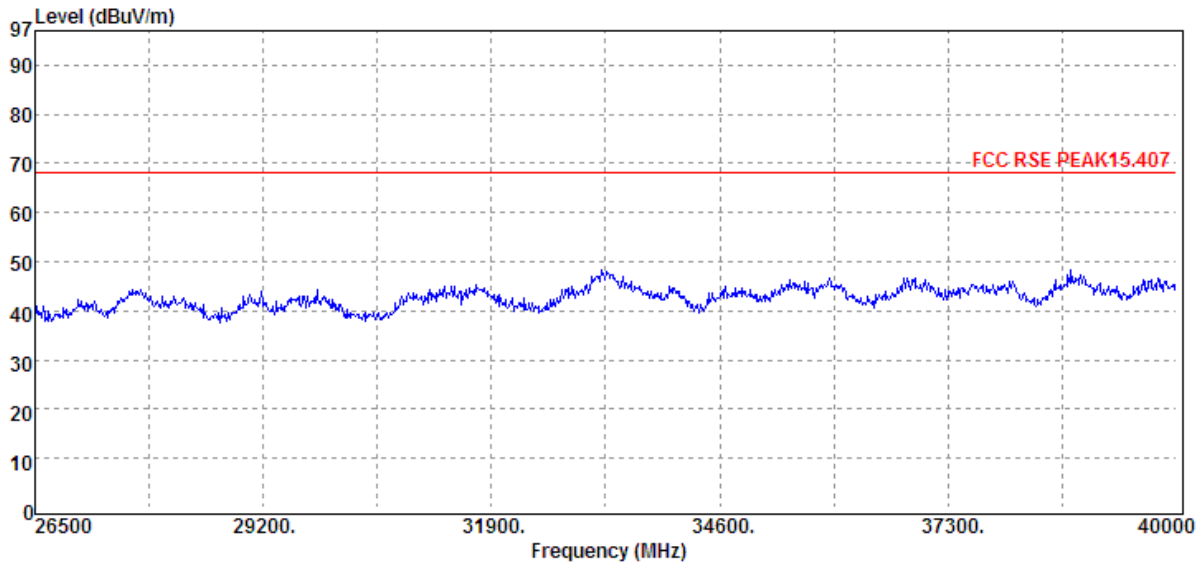
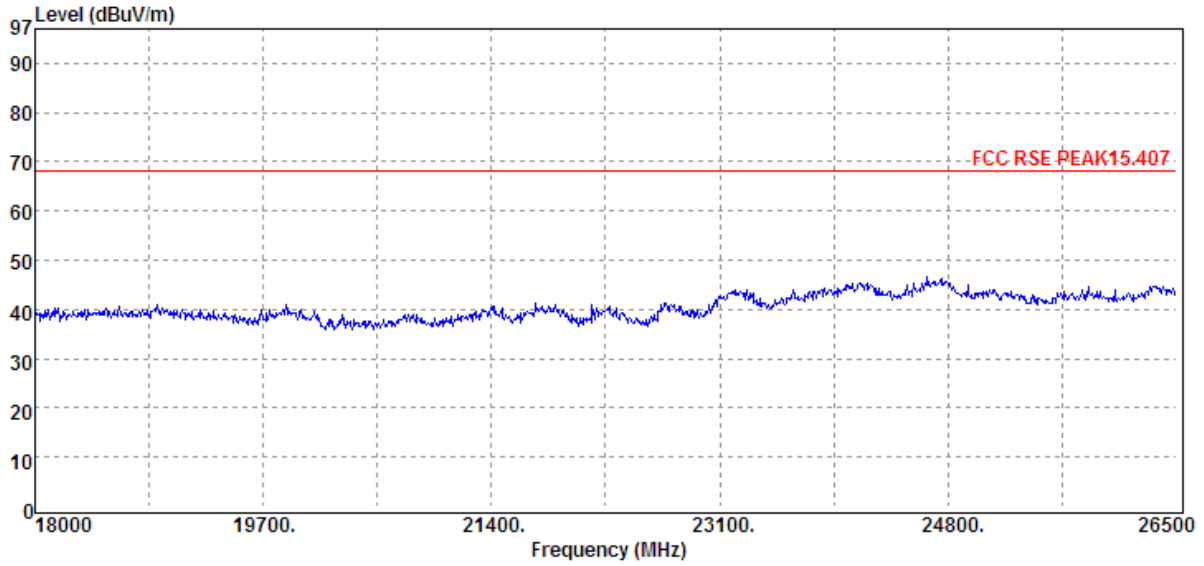
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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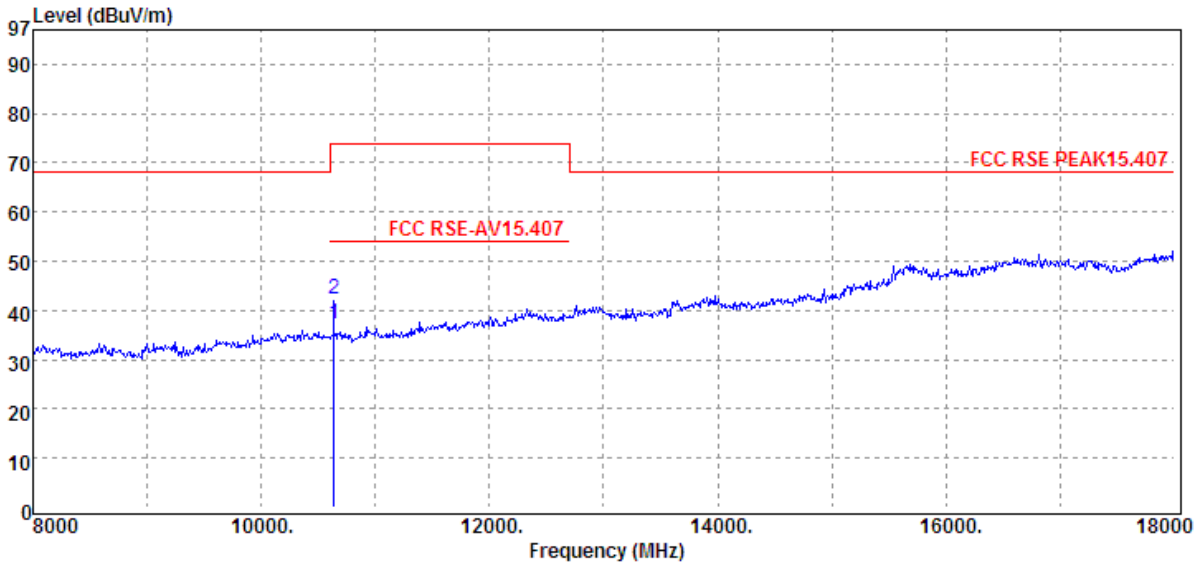
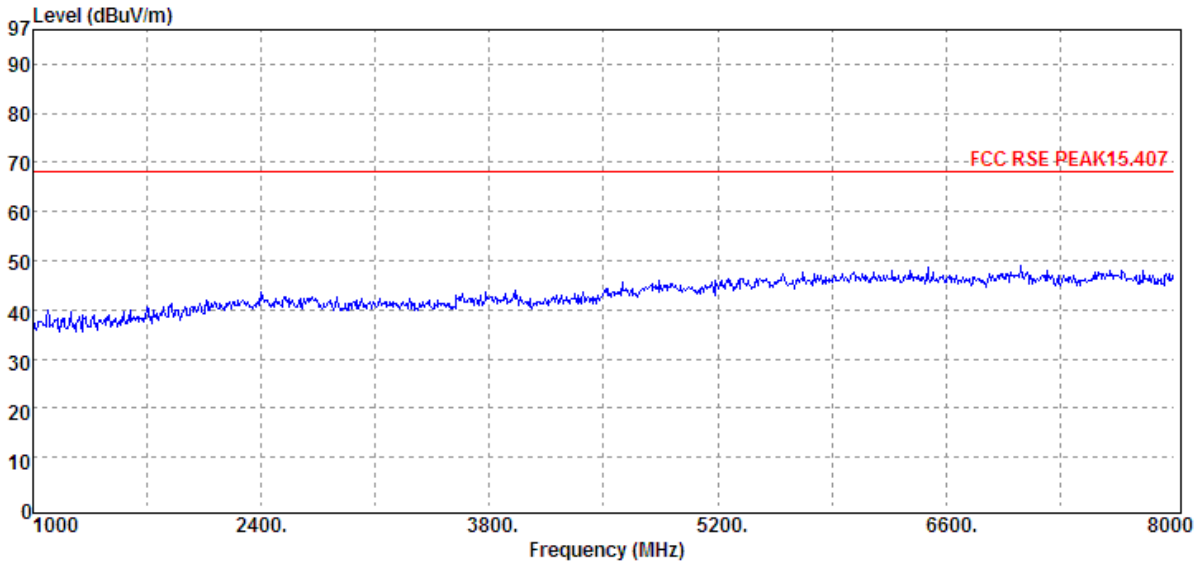
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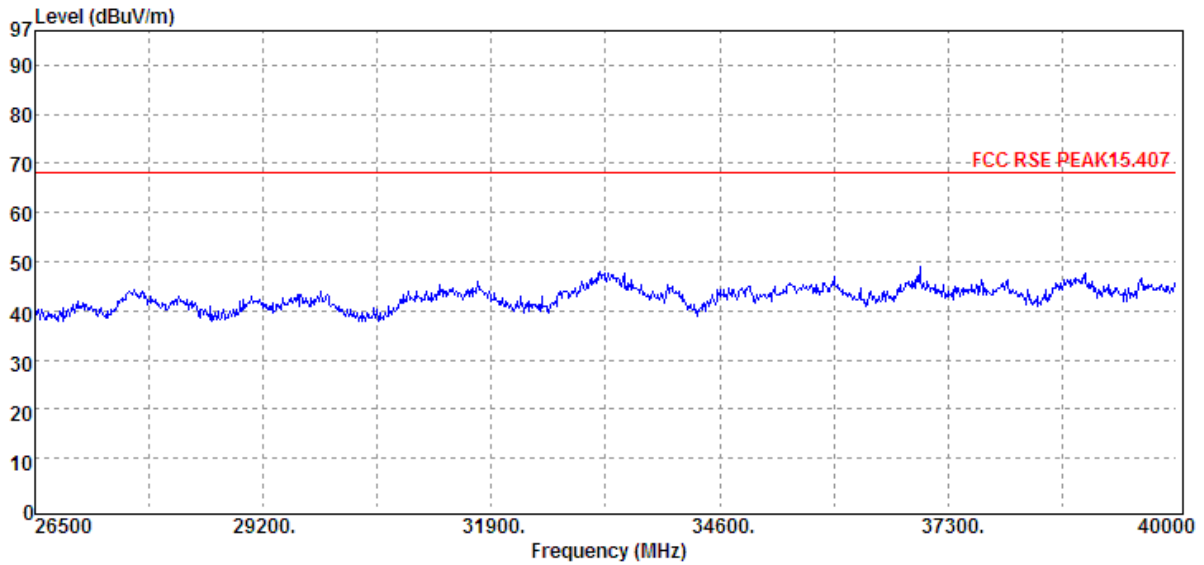
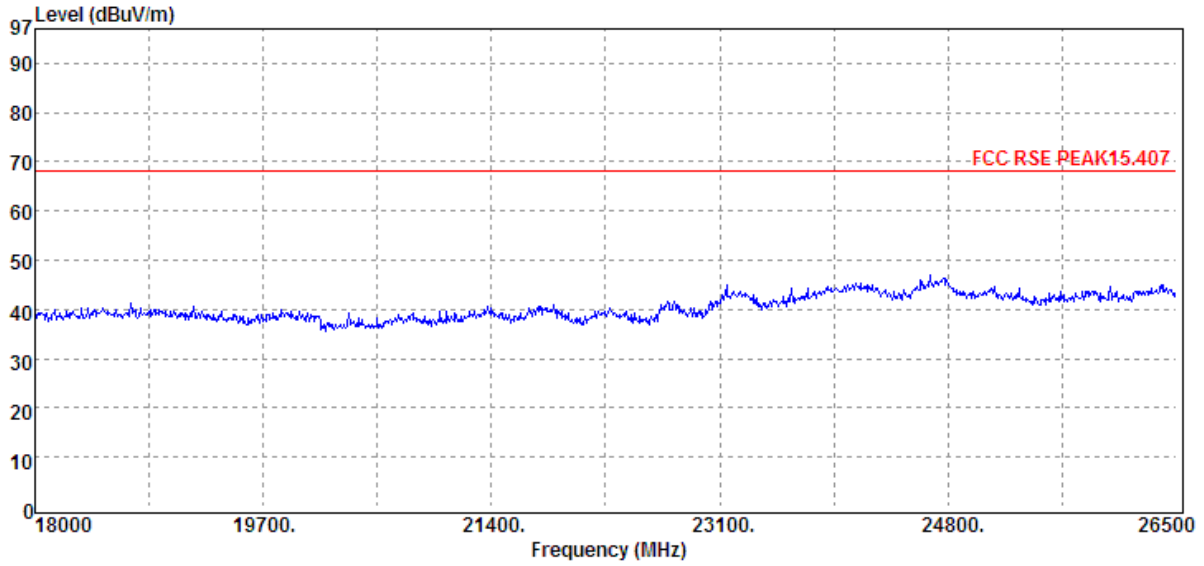
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5320 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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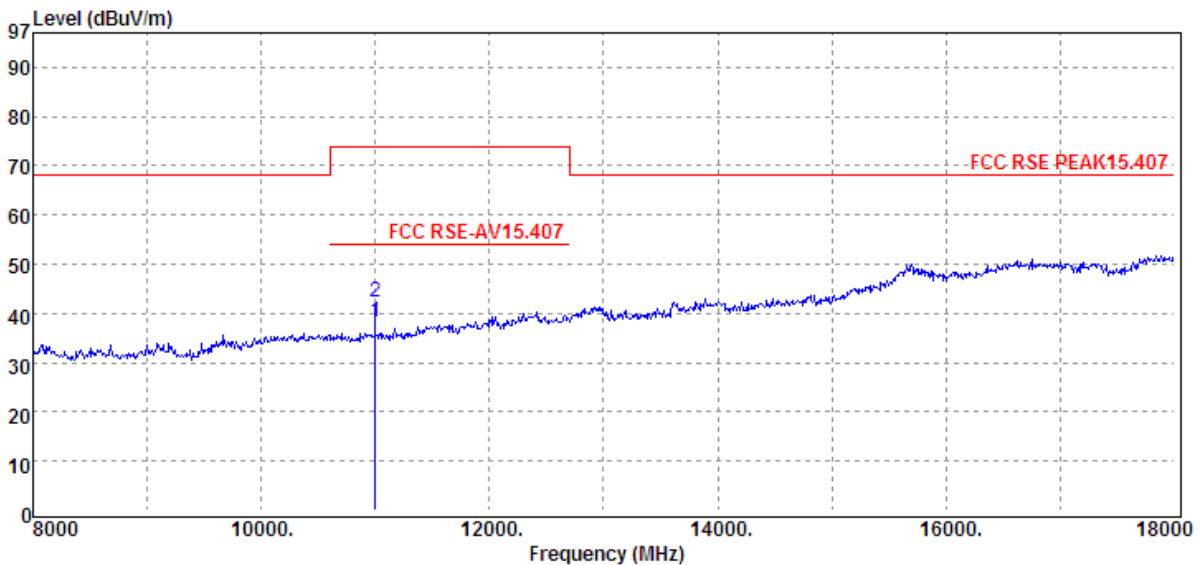
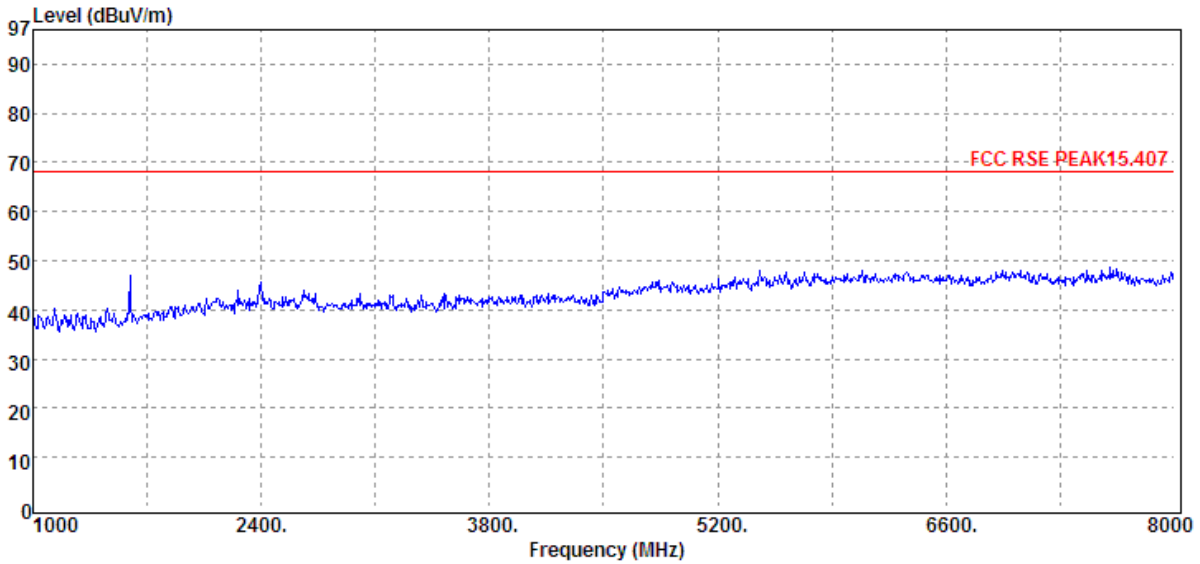
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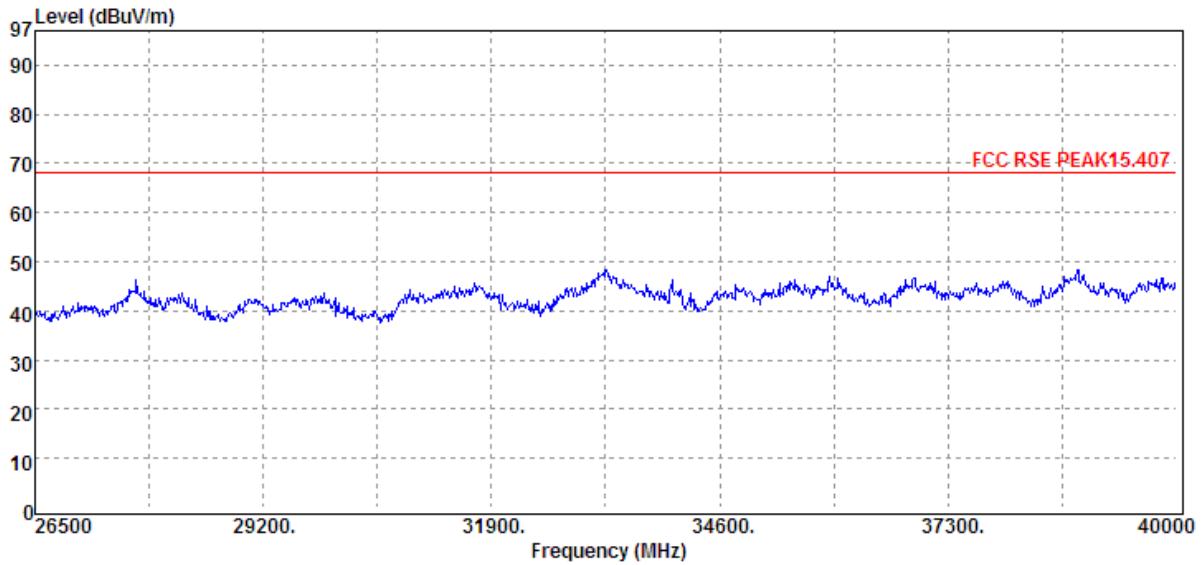
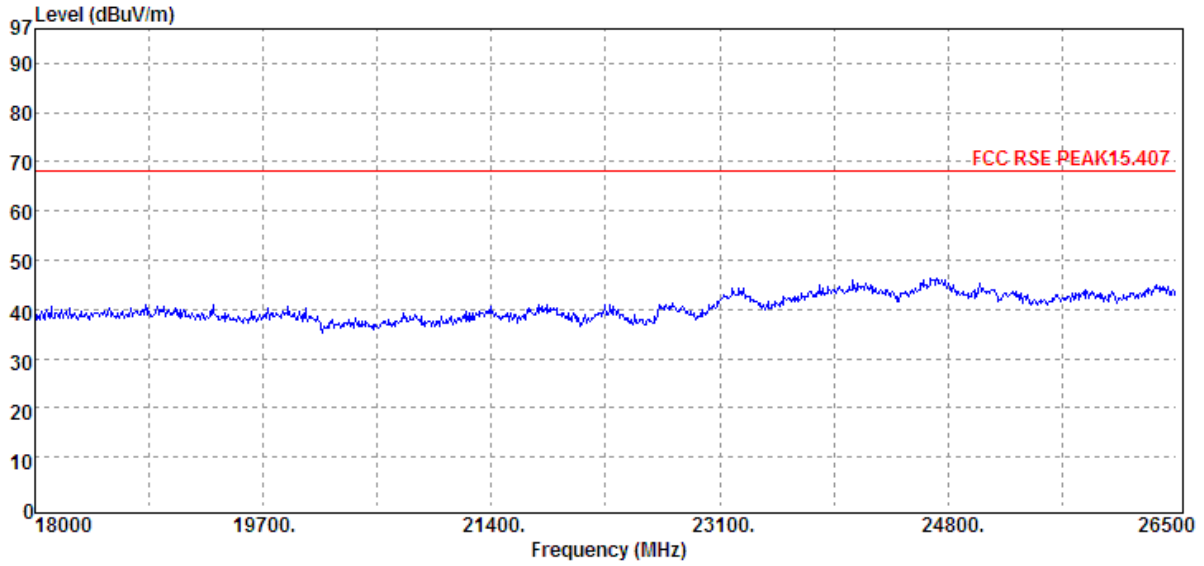
**802.11n\_20MHz 5470-5725MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5500 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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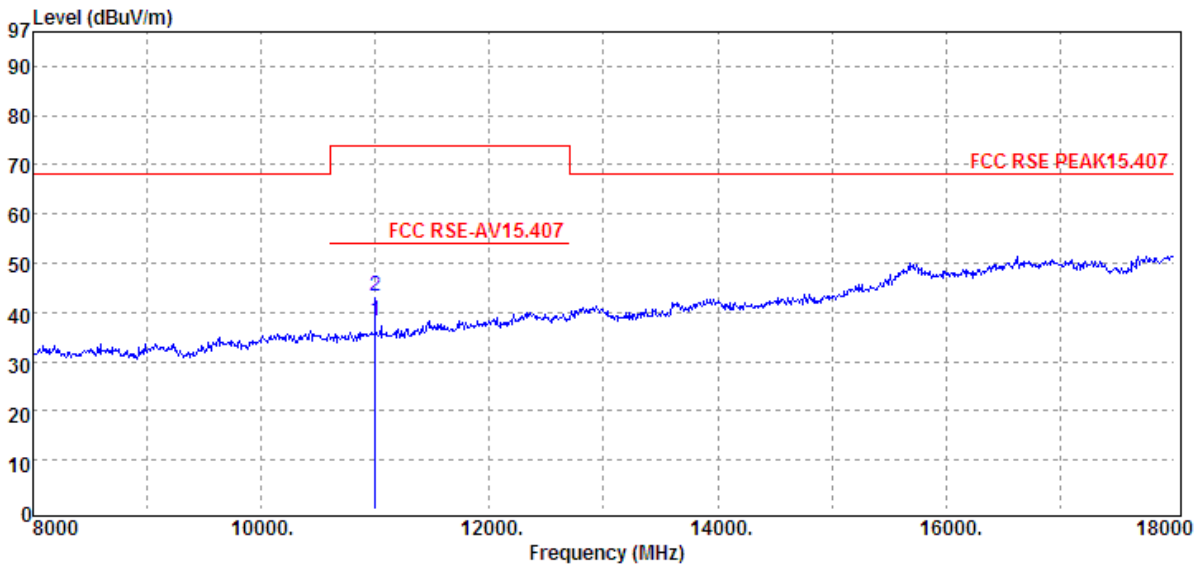
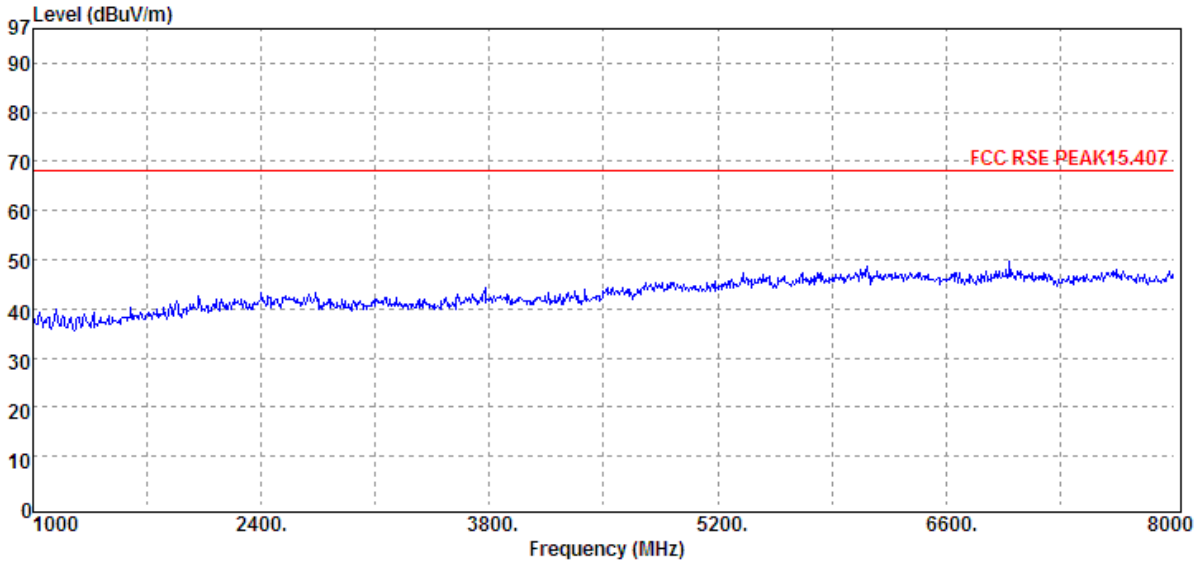
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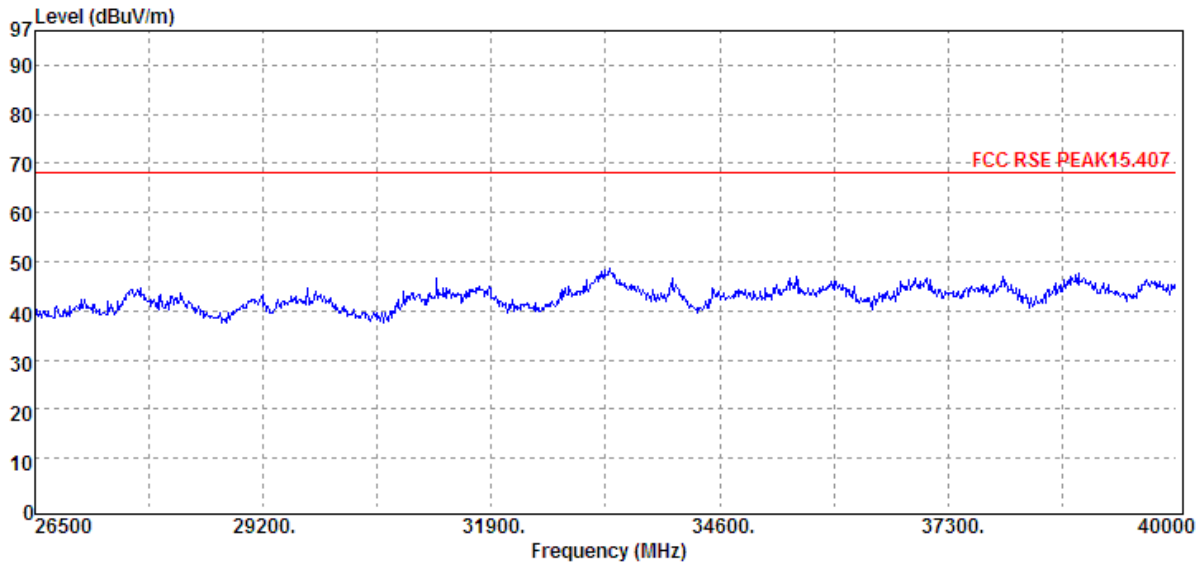
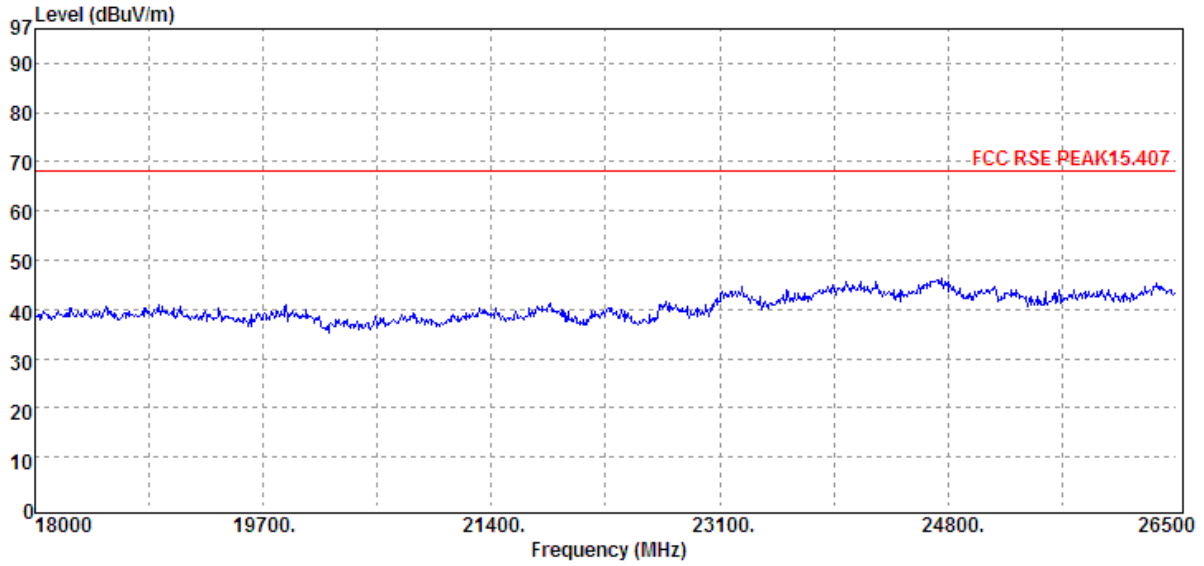
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5500 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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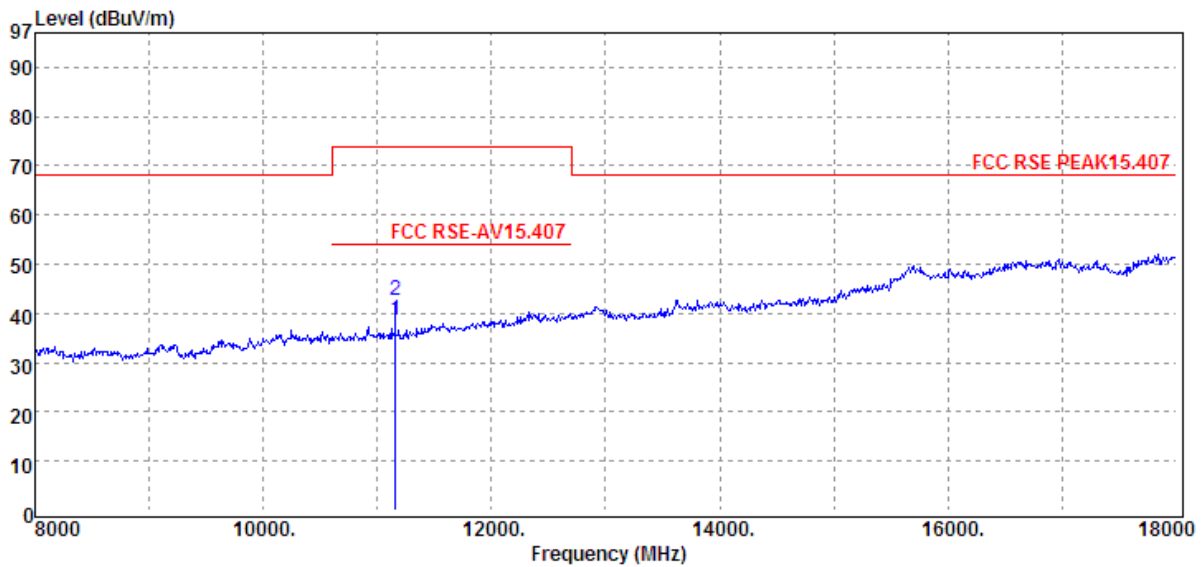
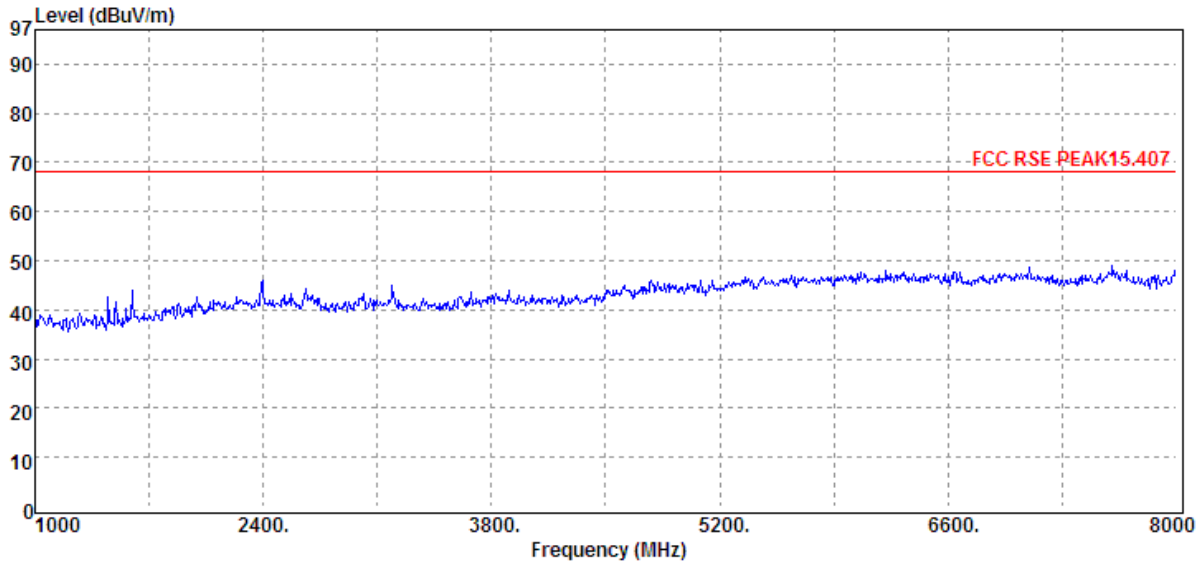
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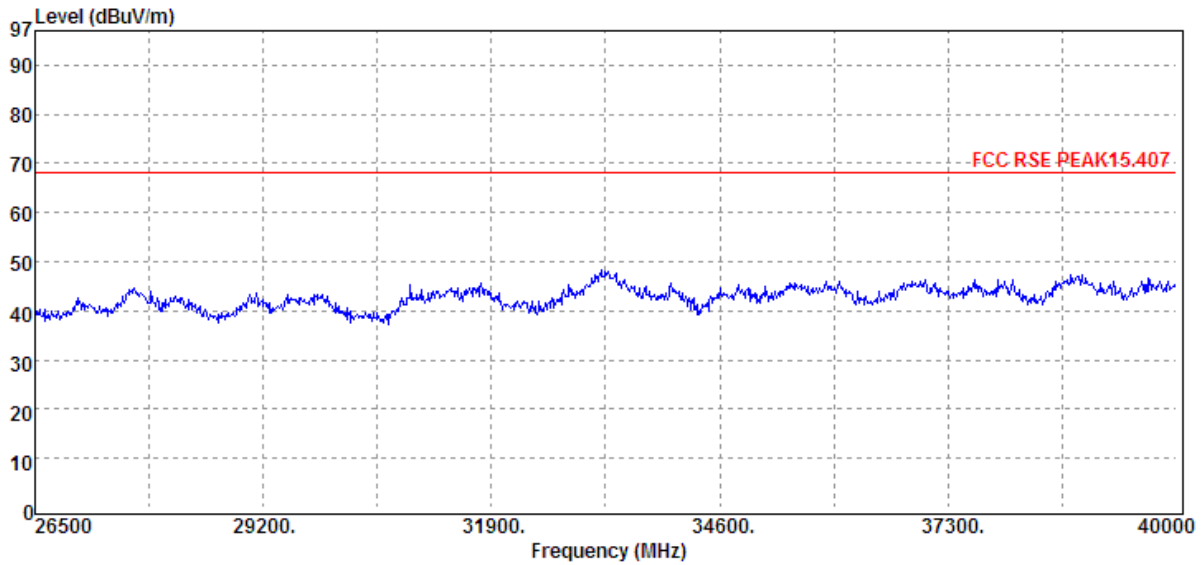
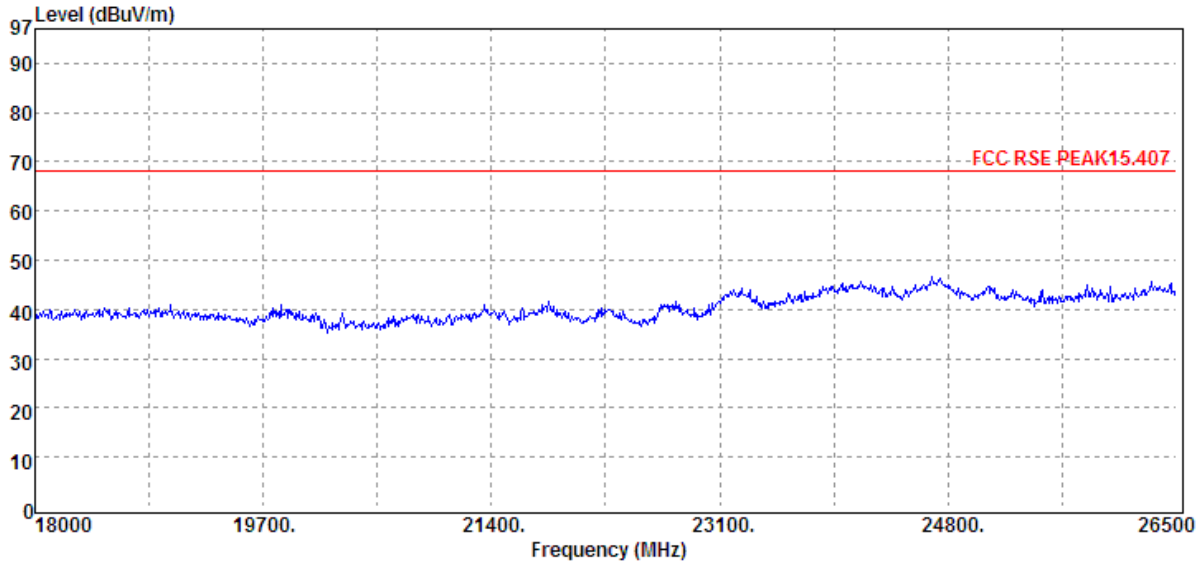
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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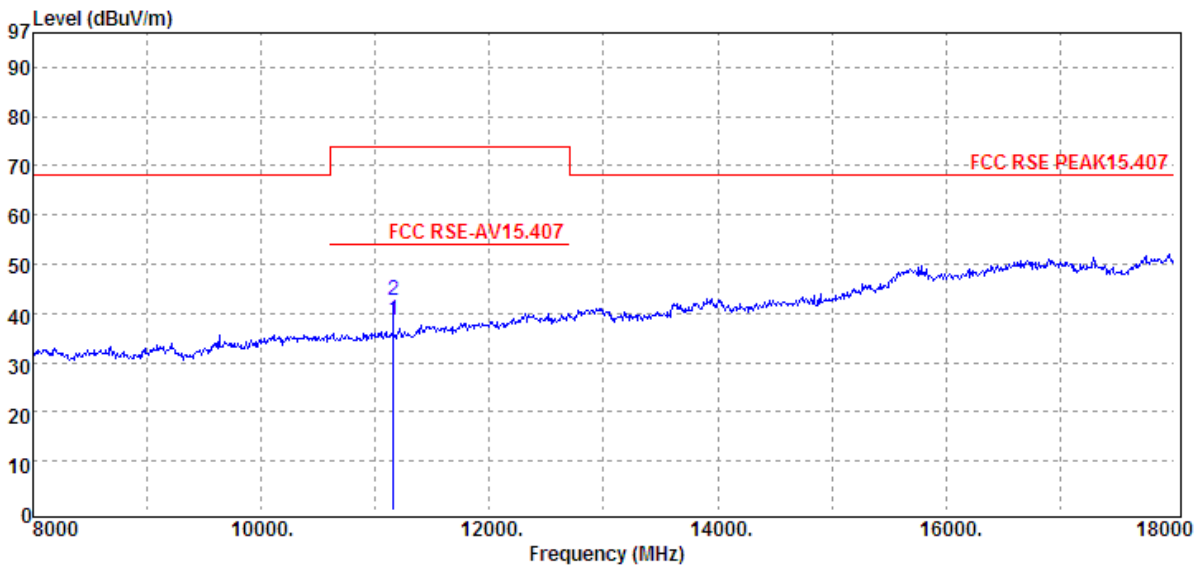
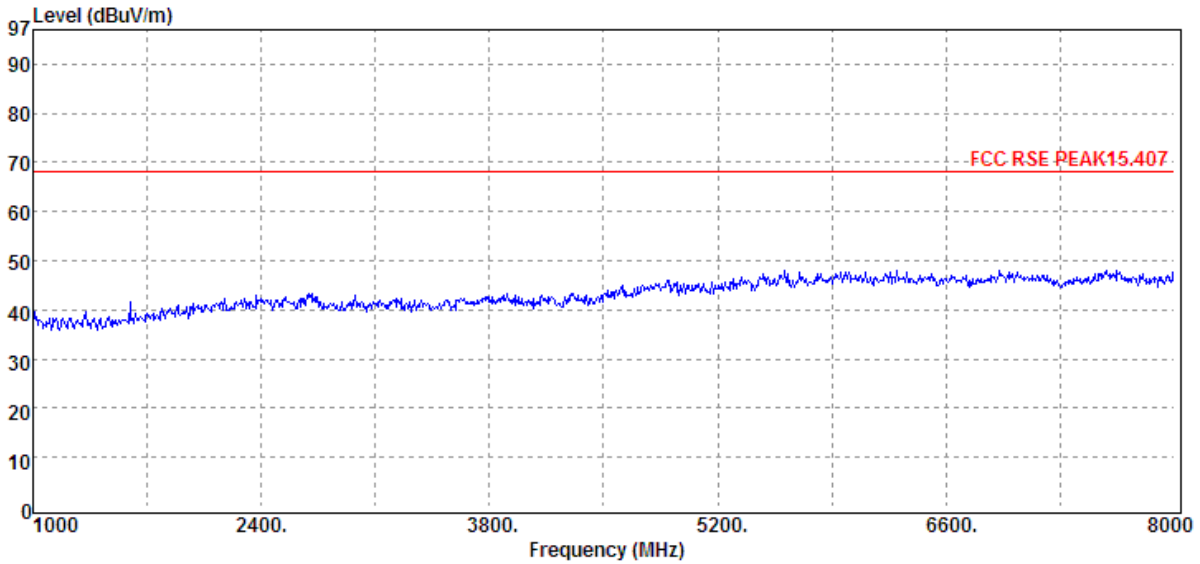
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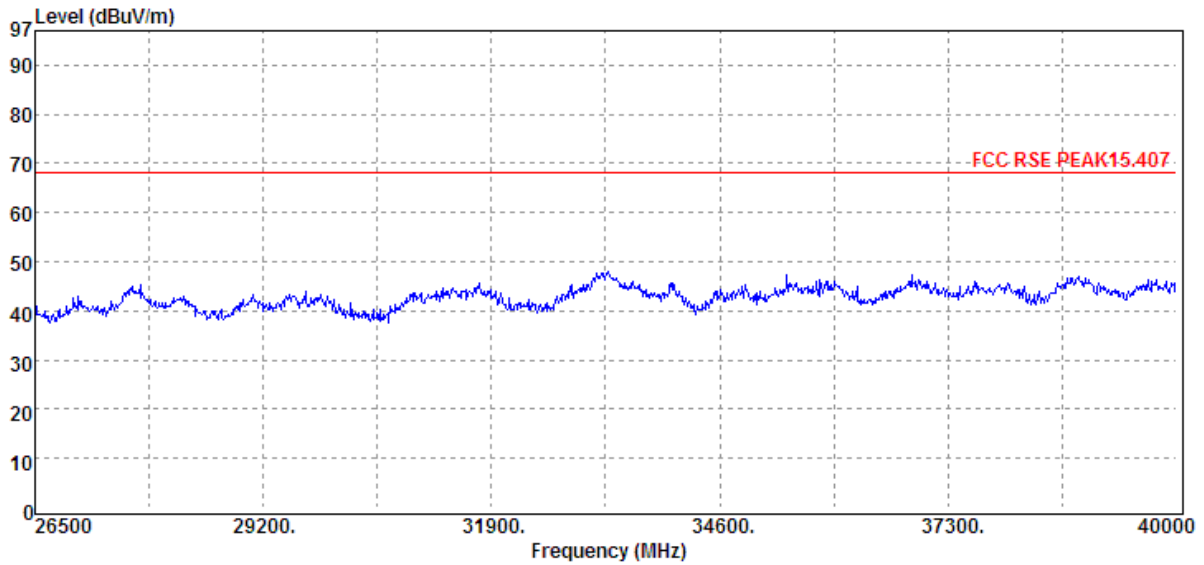
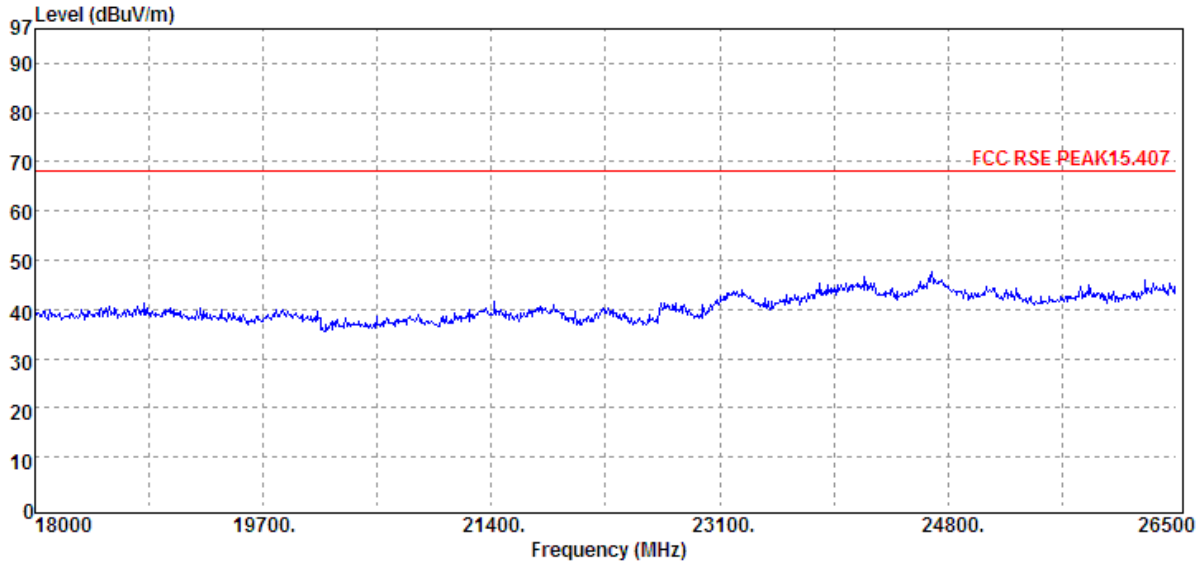
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5580 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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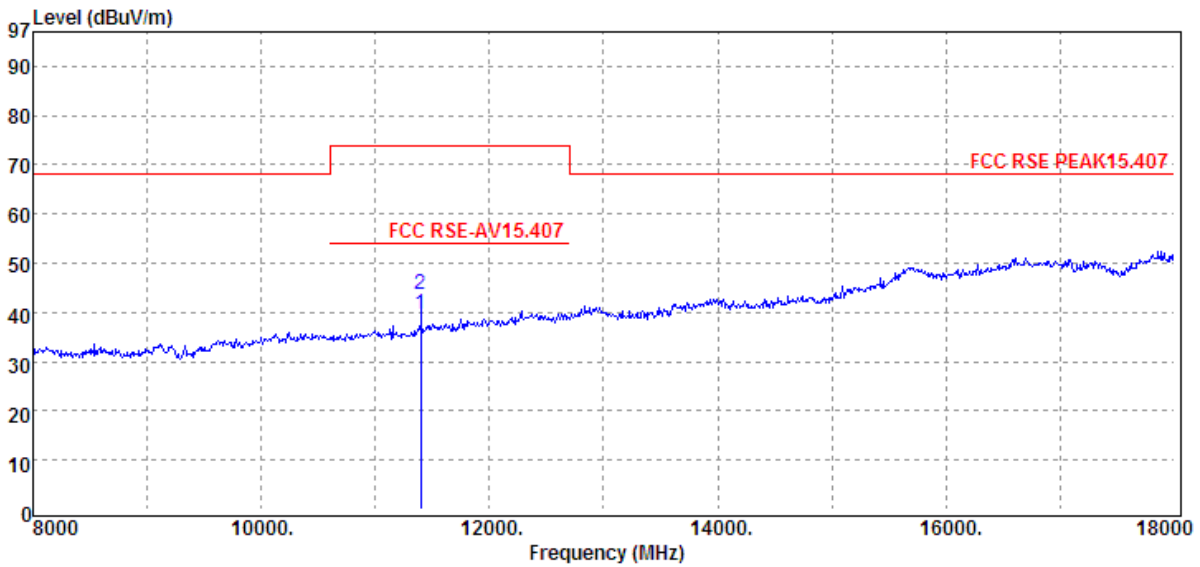
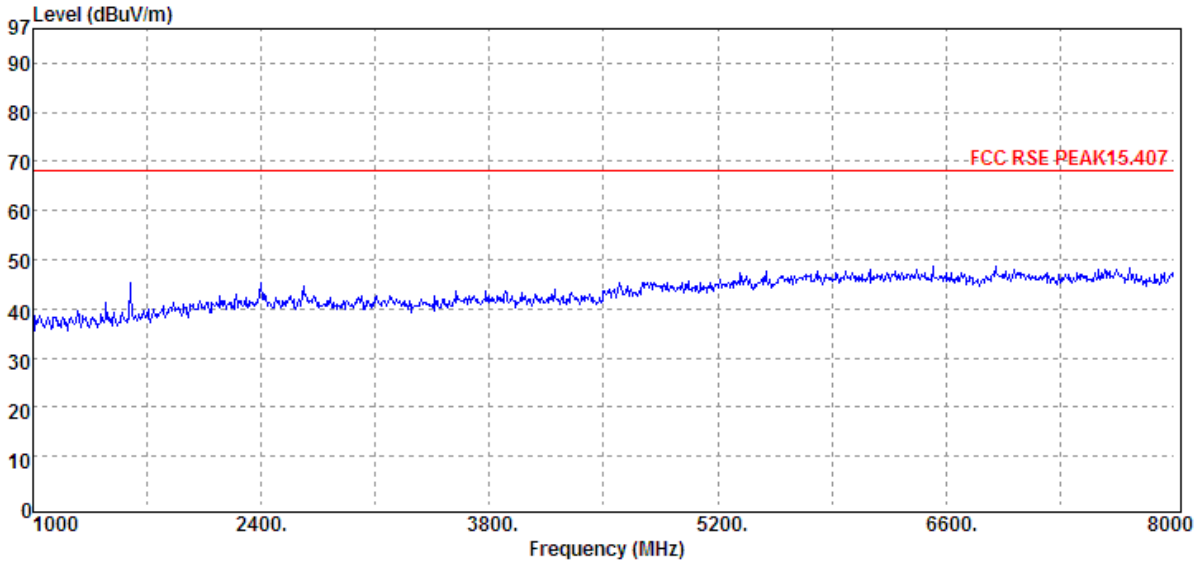


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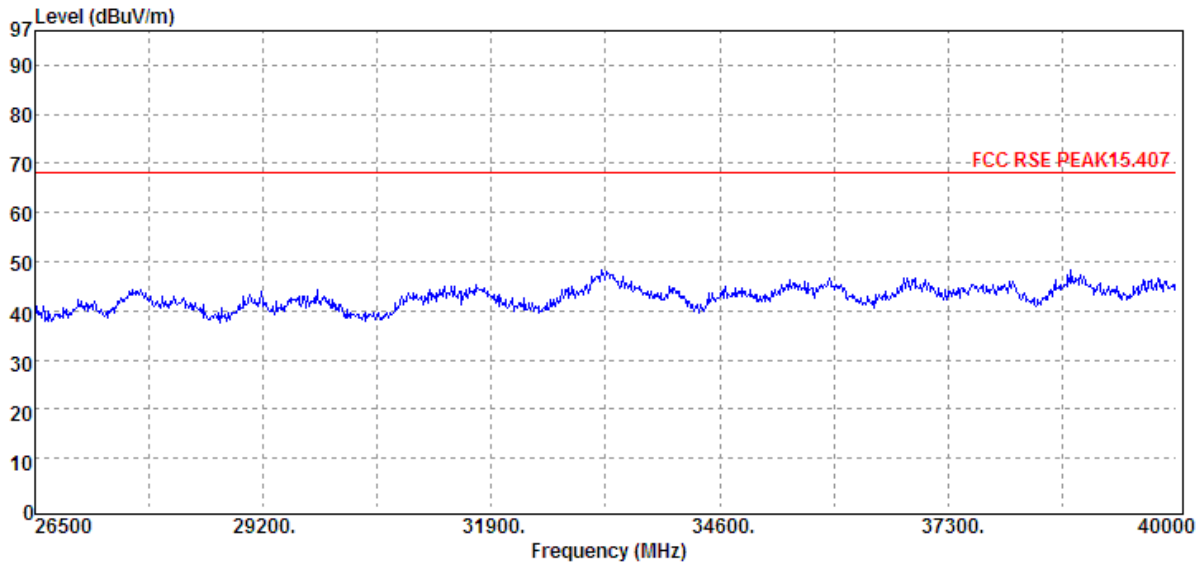
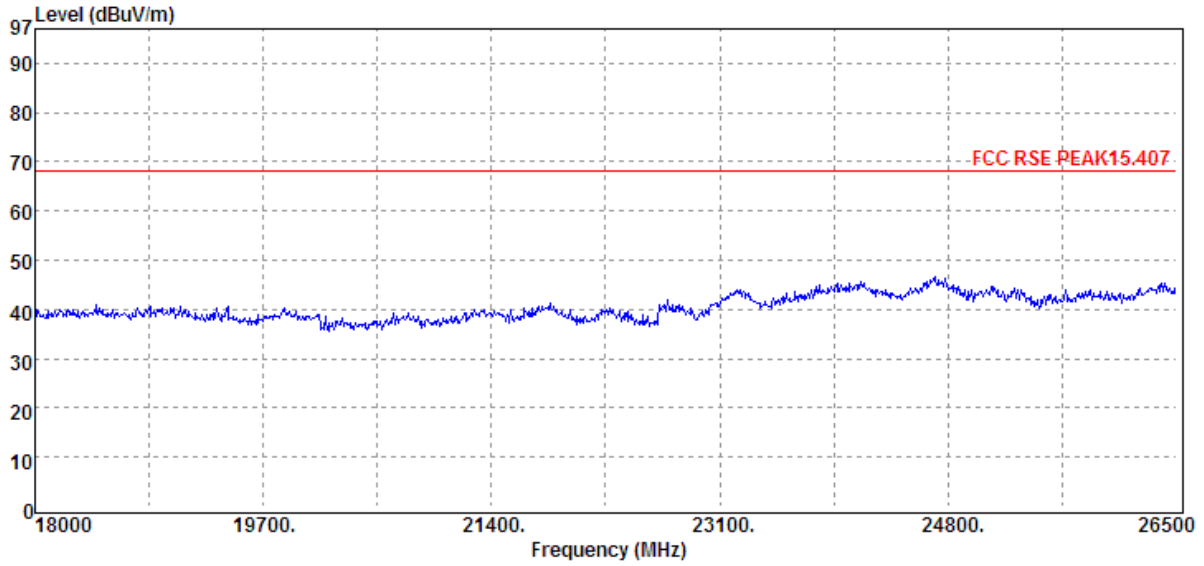
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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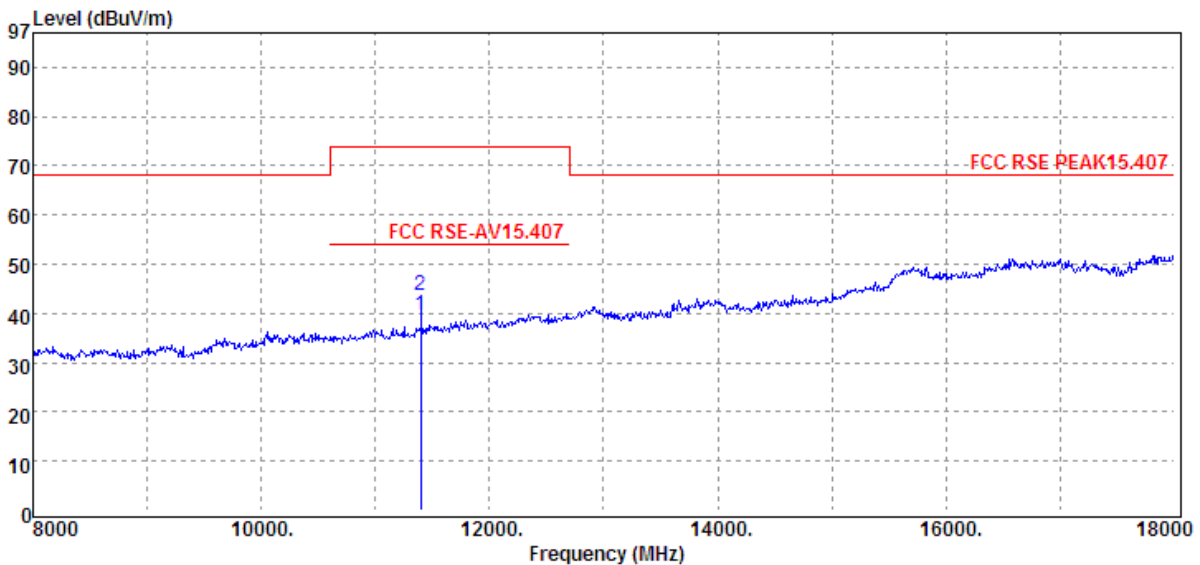
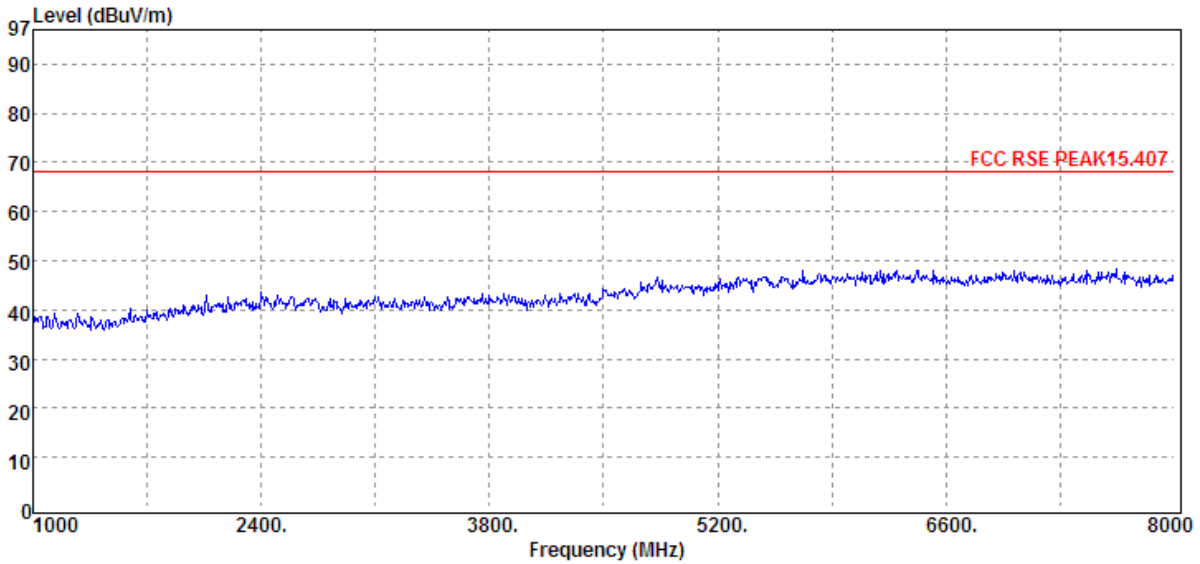
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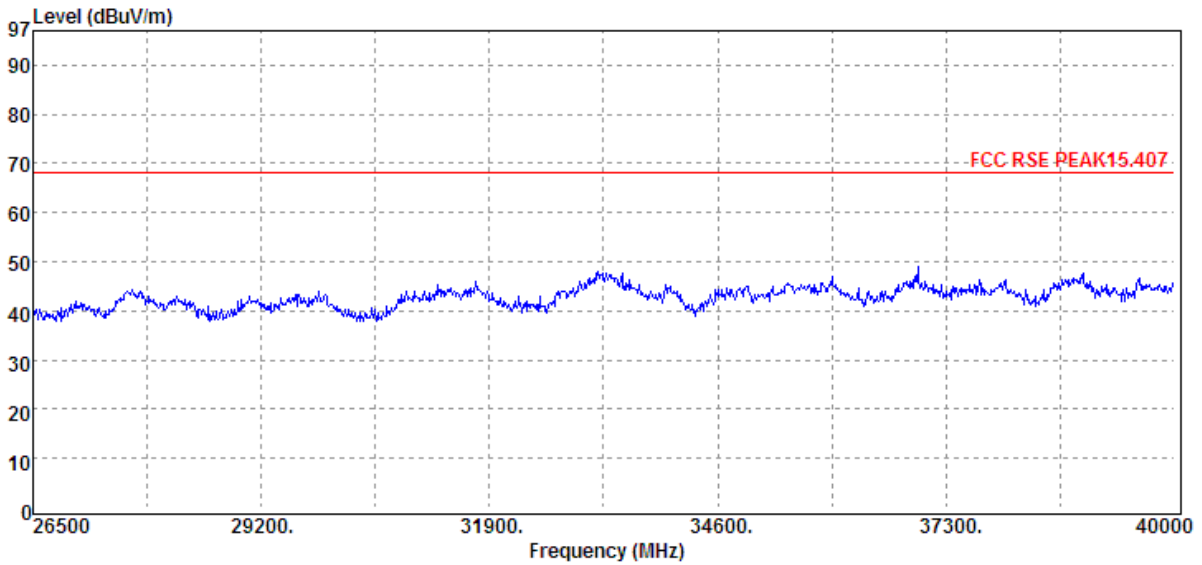
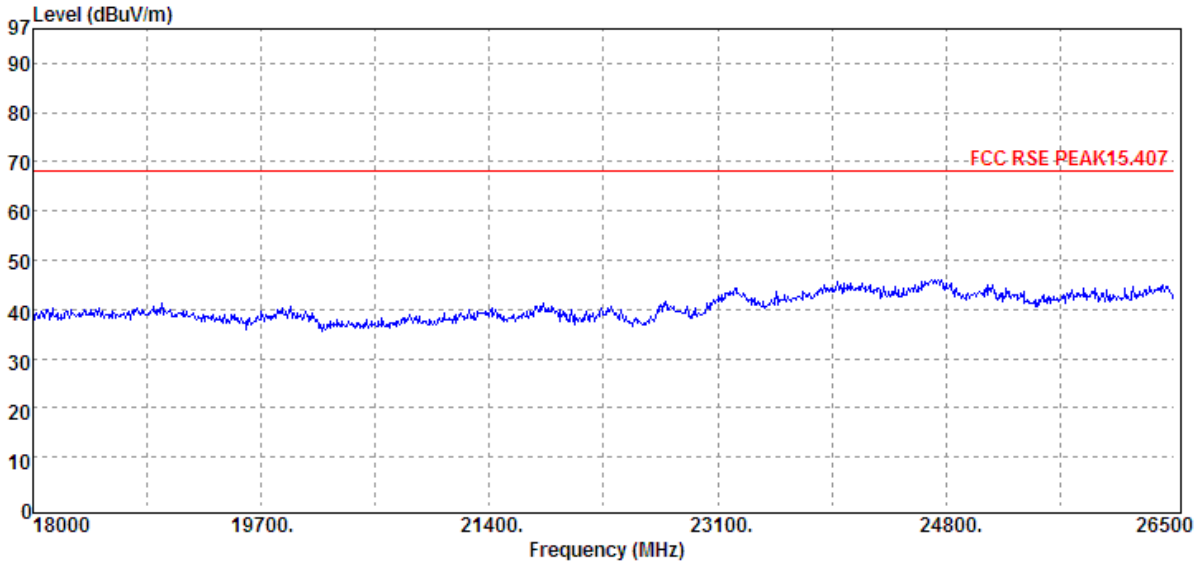
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|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n20M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5700 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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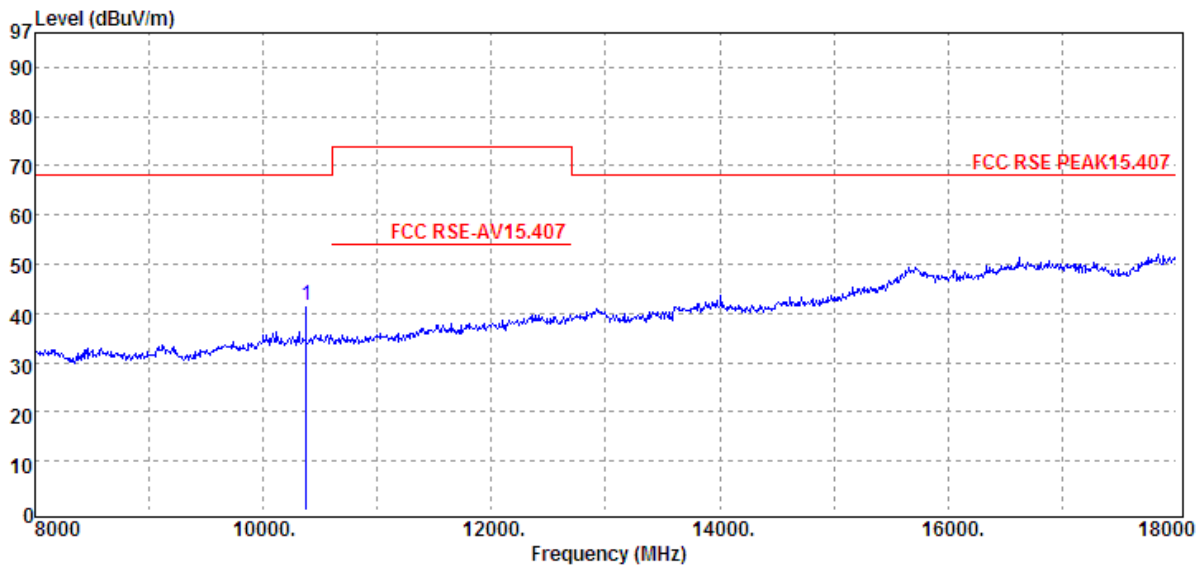
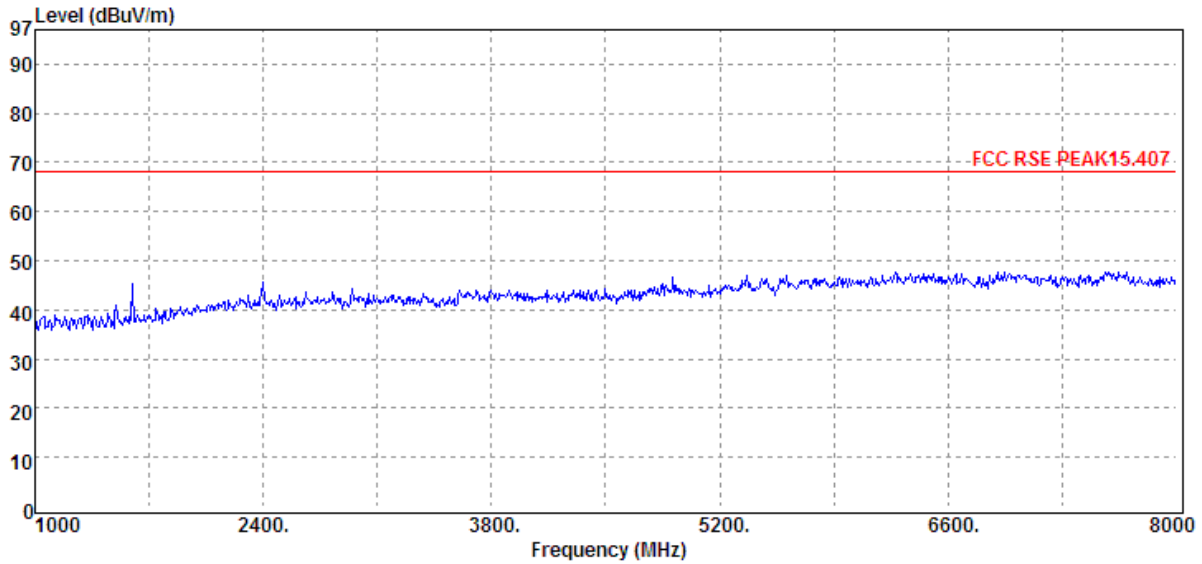
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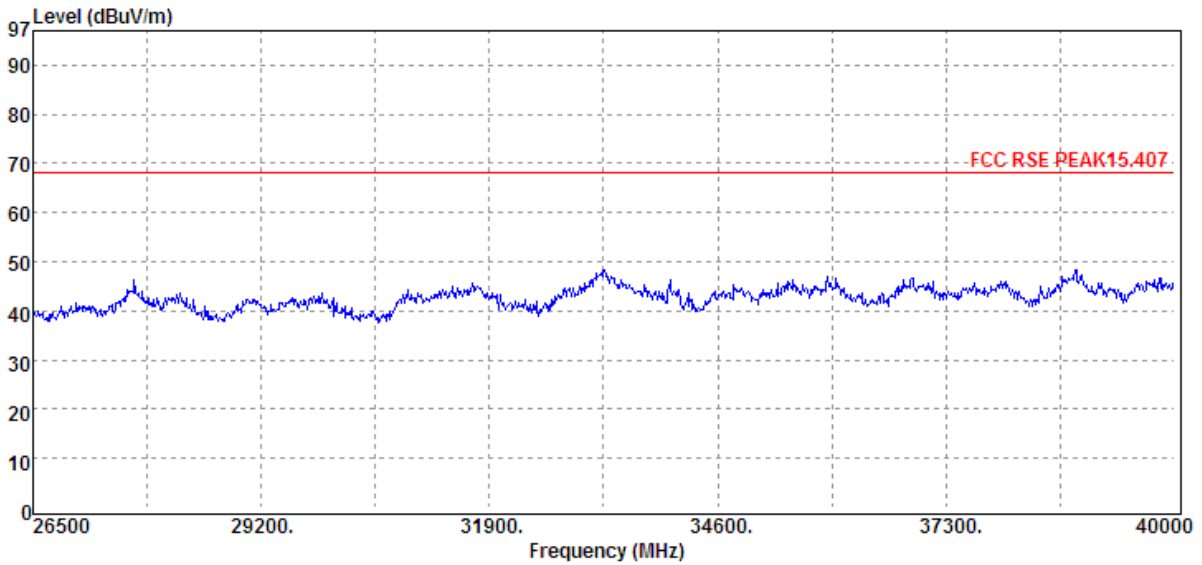
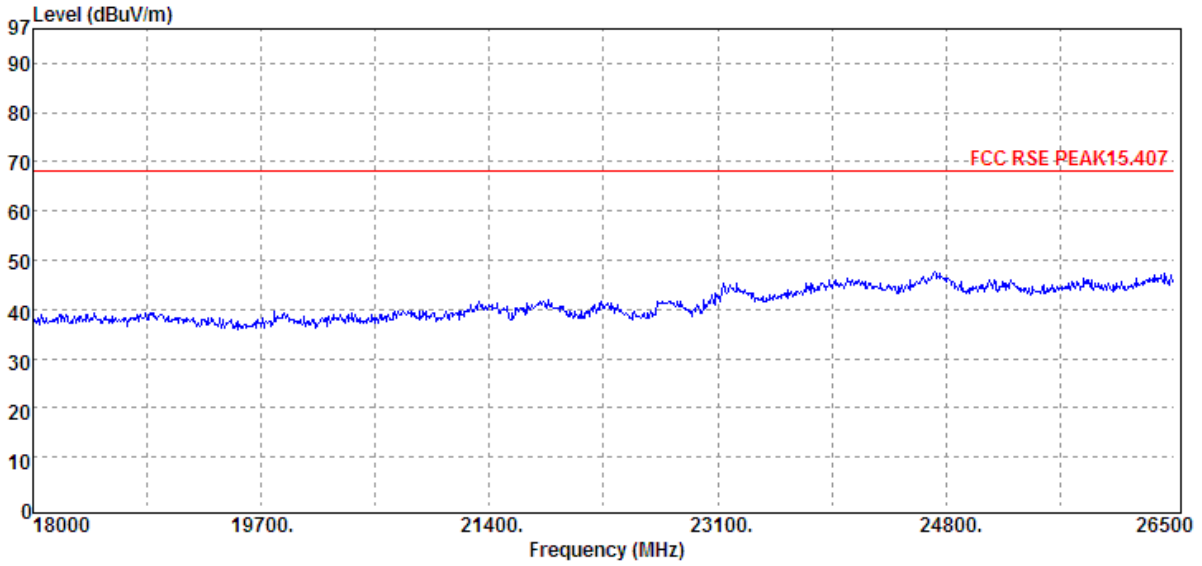
**802.11n HT40MHz 5150-5250MHz**

|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5190 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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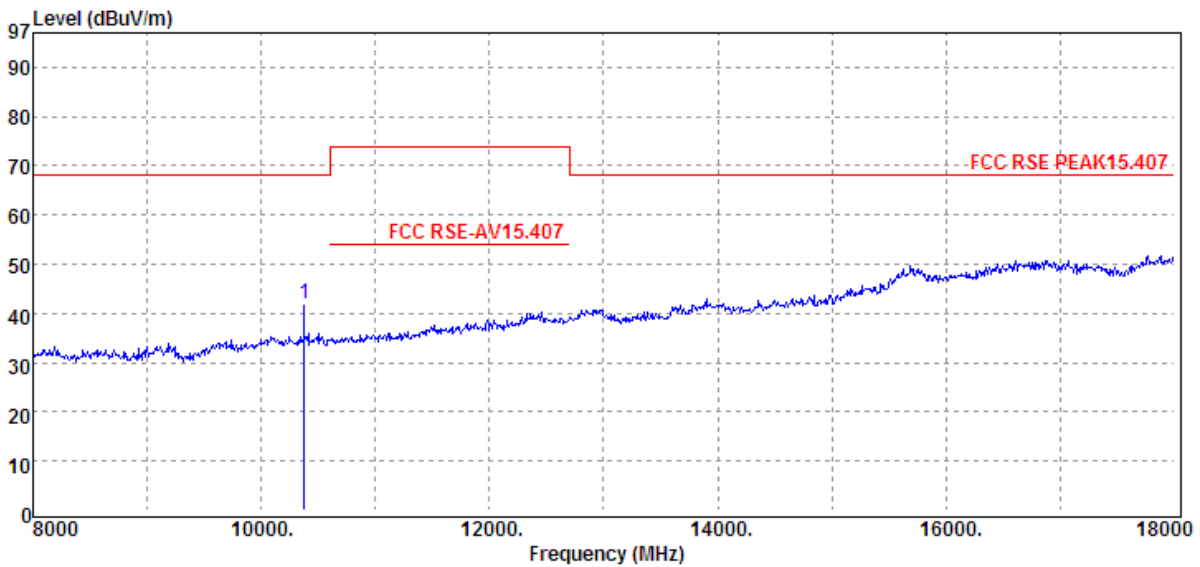
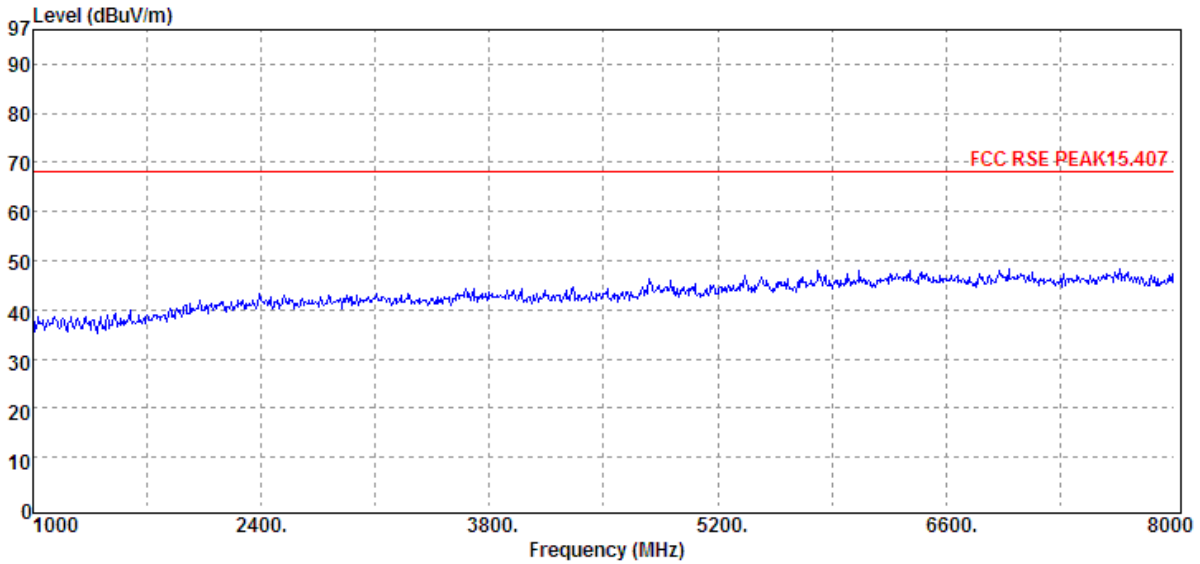


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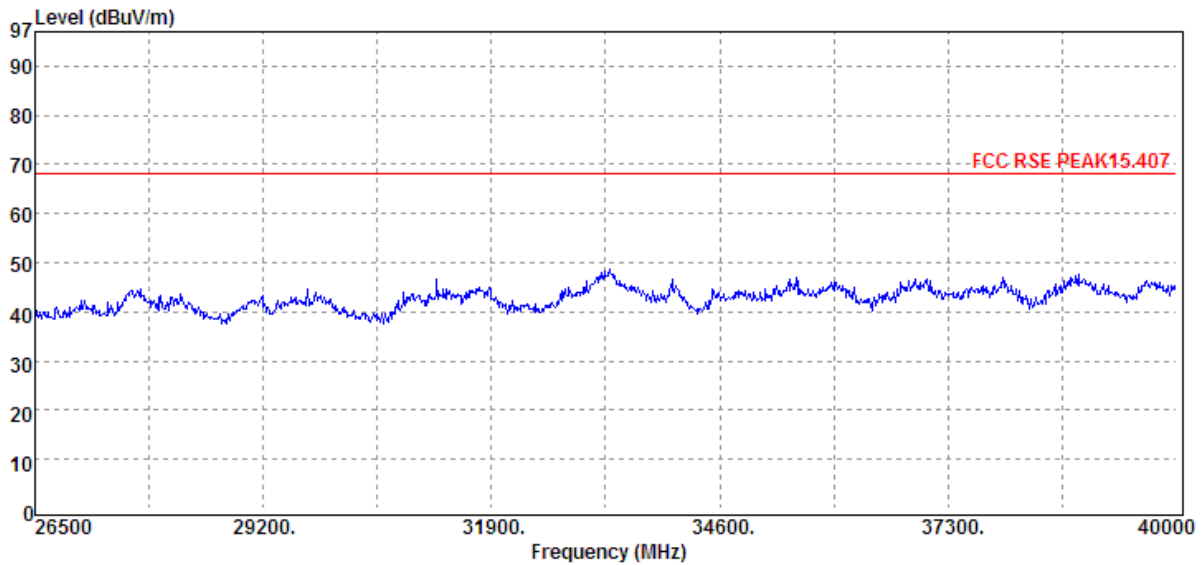
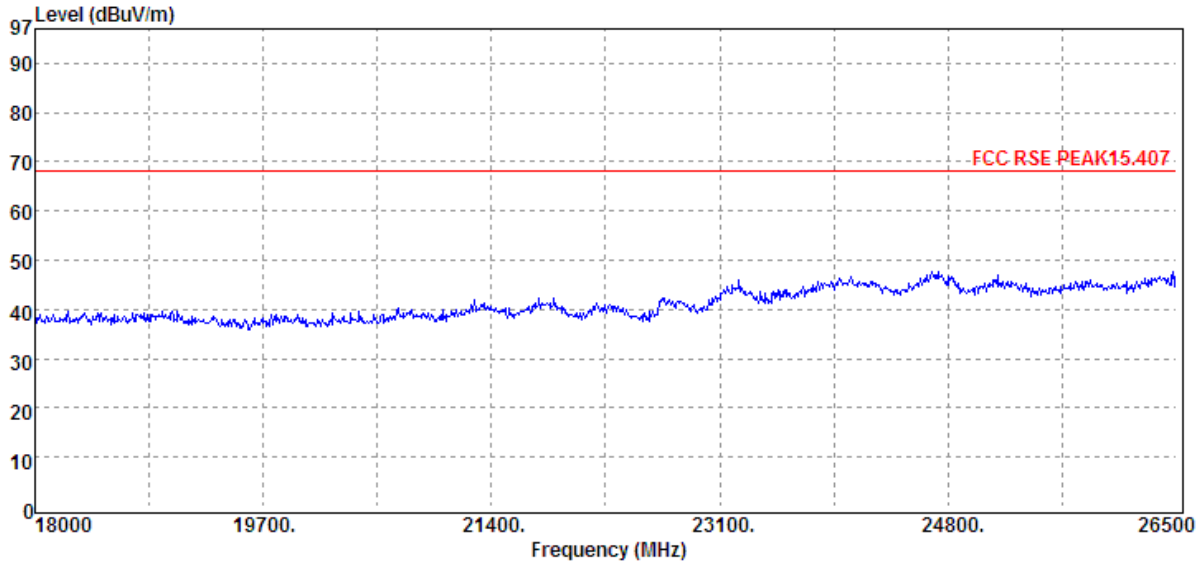
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5190 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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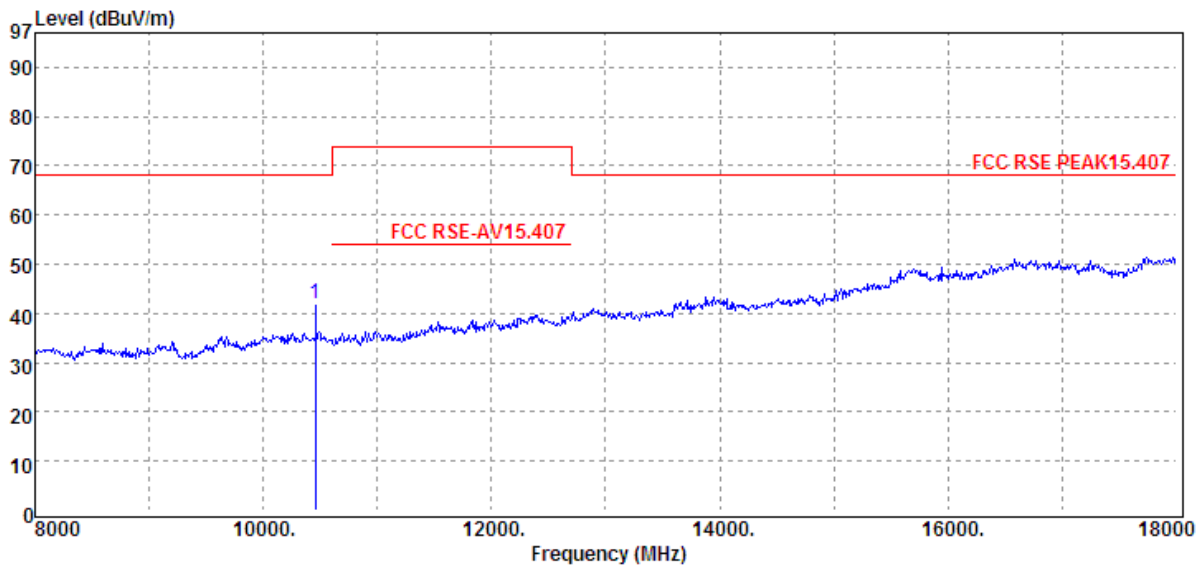
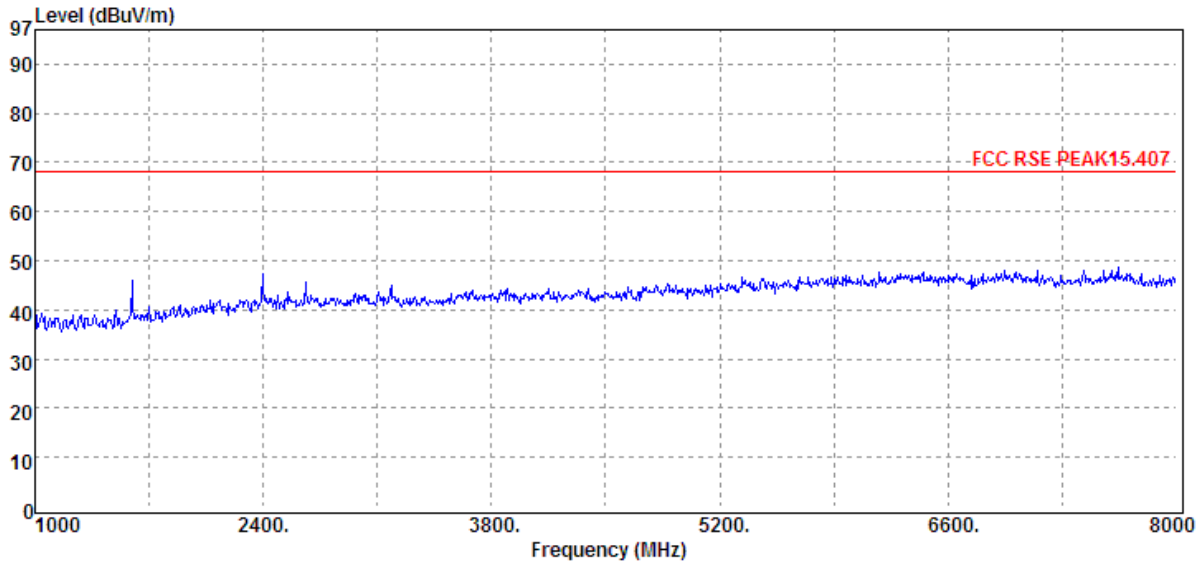


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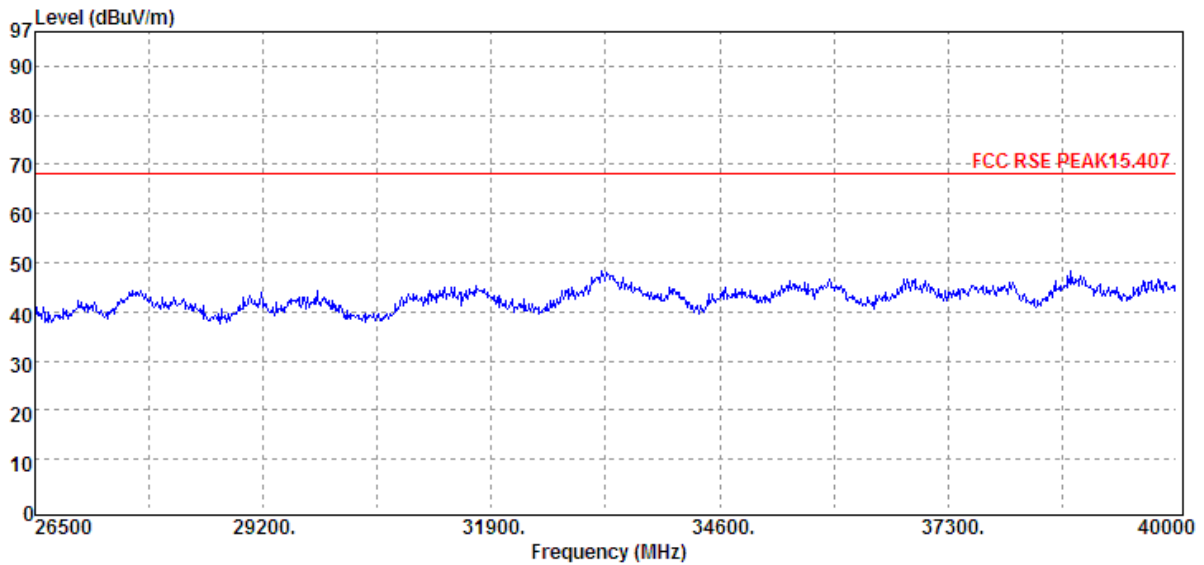
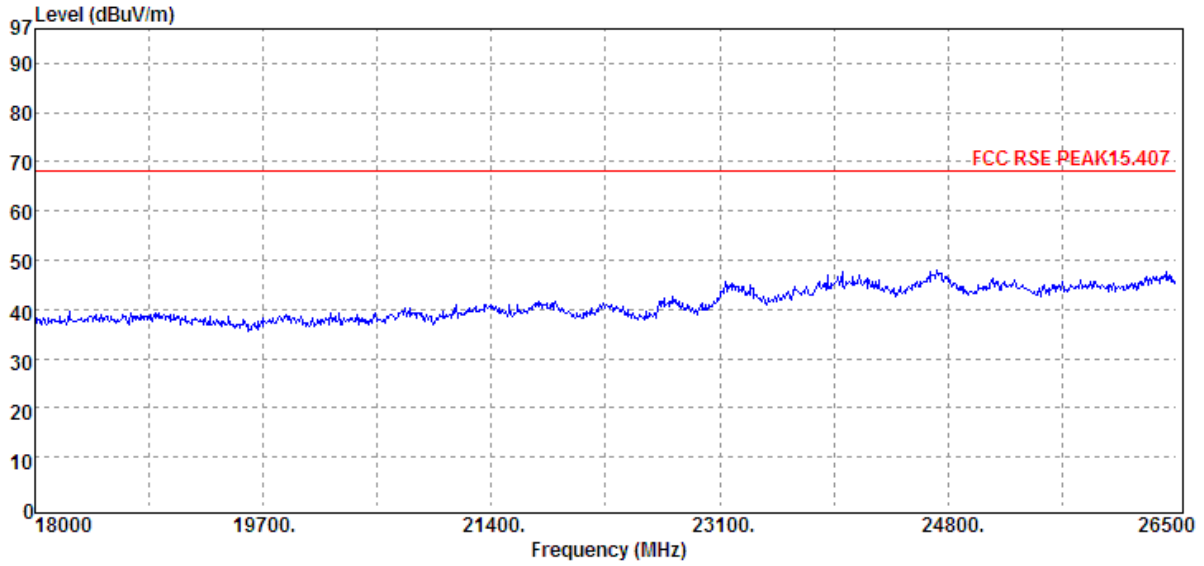


|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5230 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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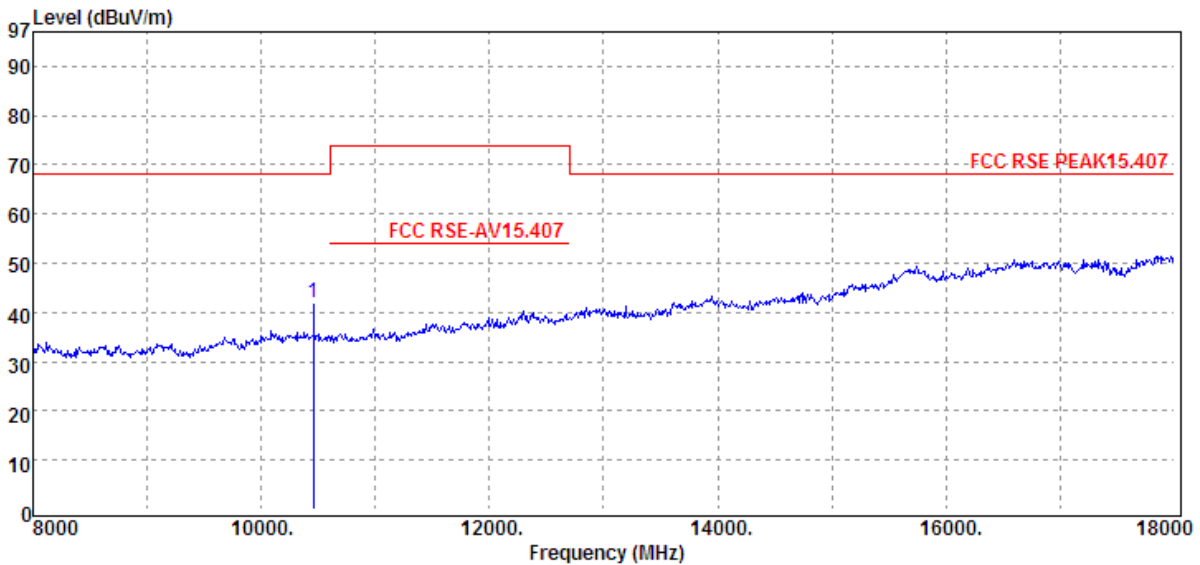
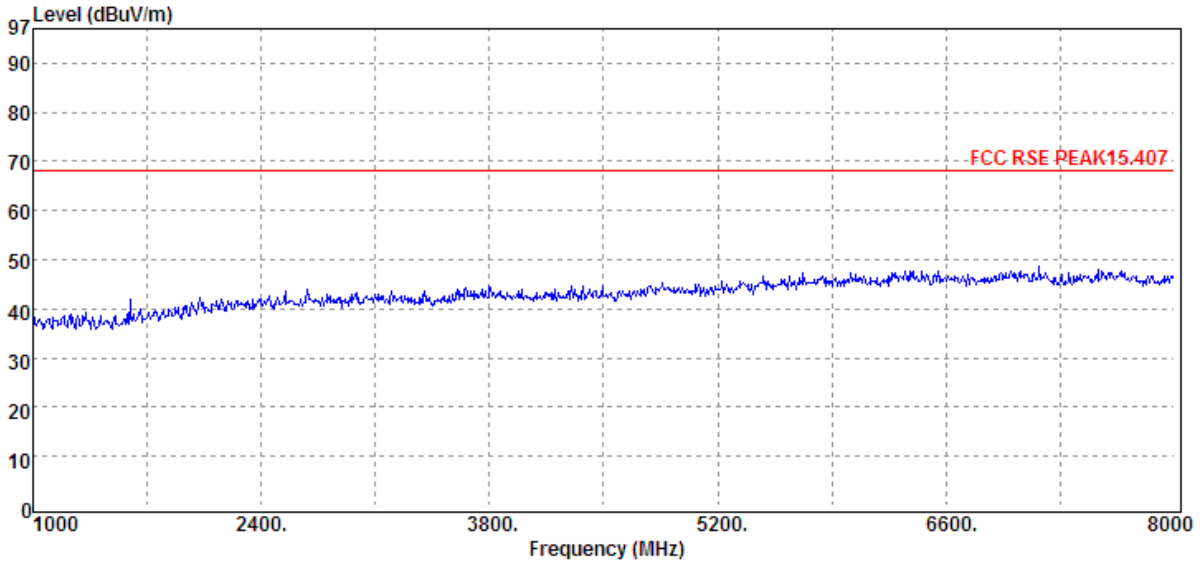


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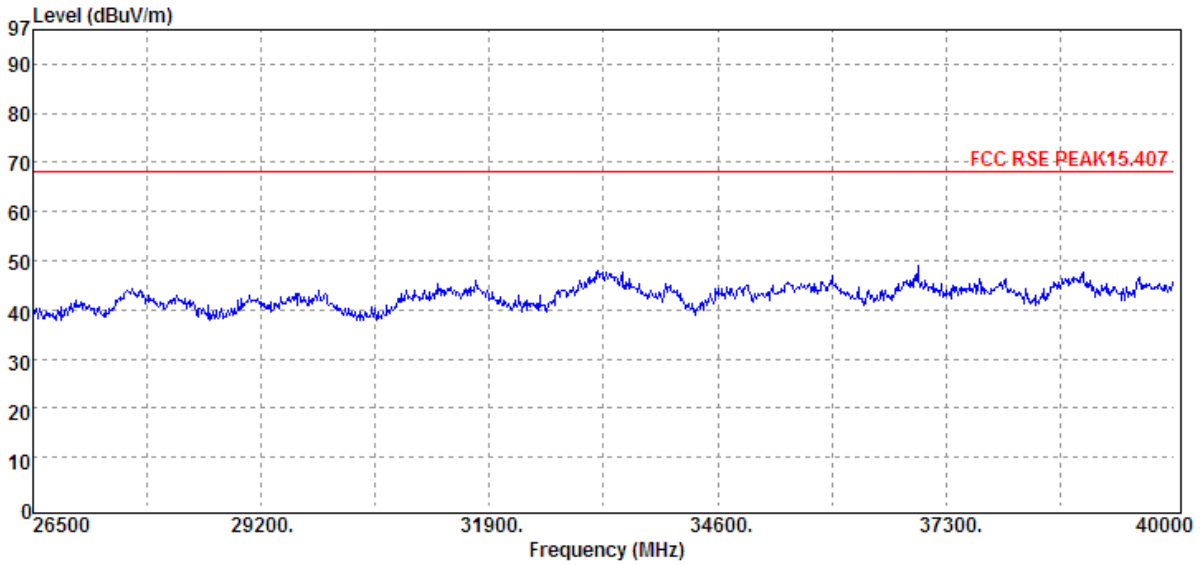
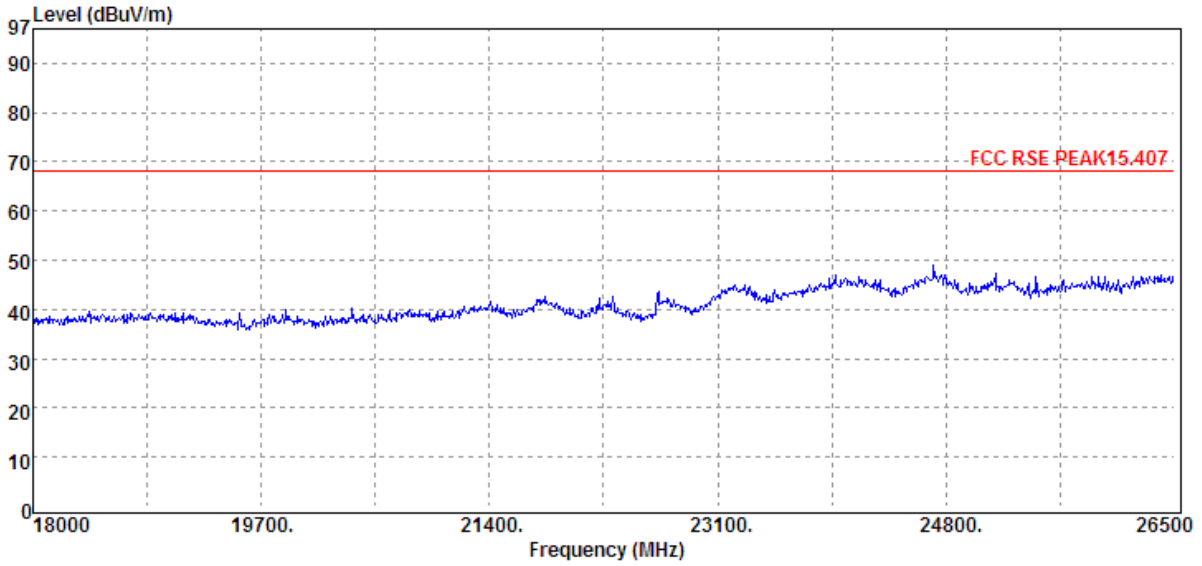
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5230 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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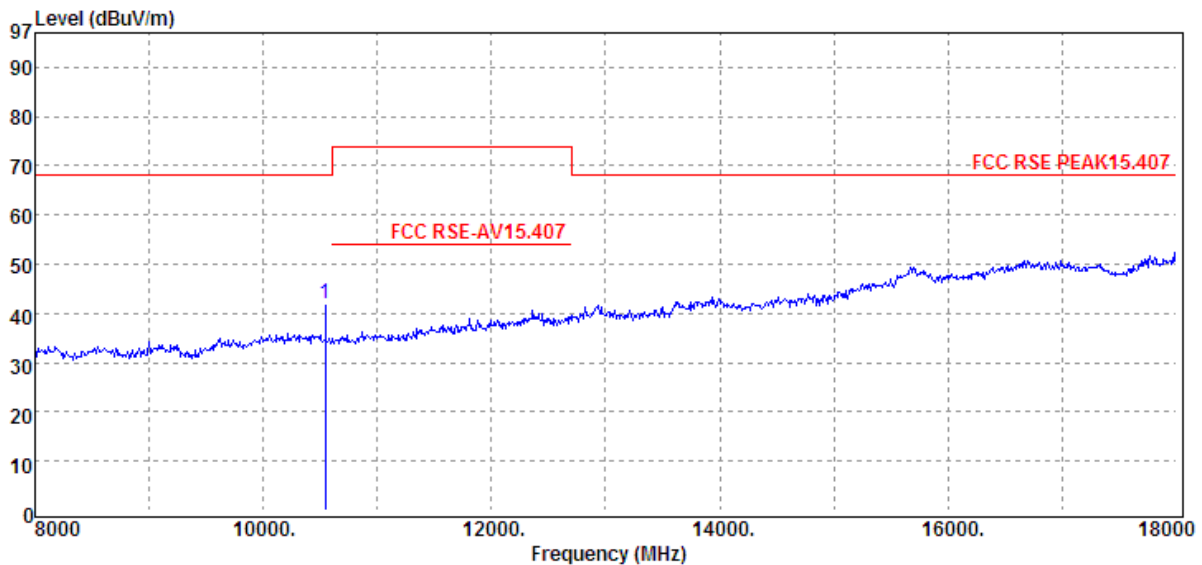
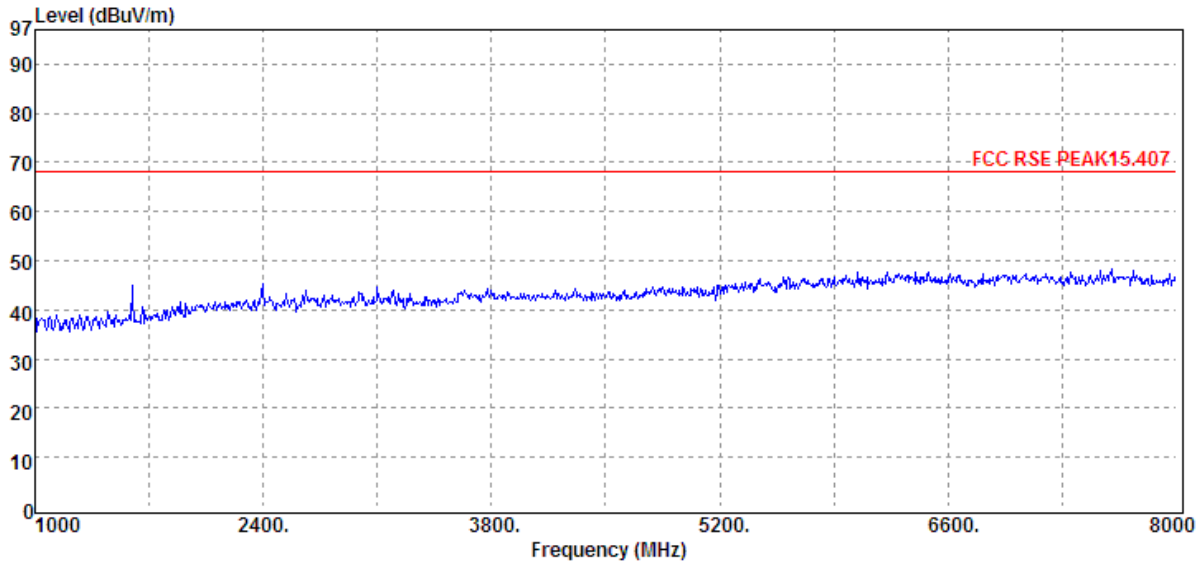


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**802.11n HT40MHz 5250-5350MHz**

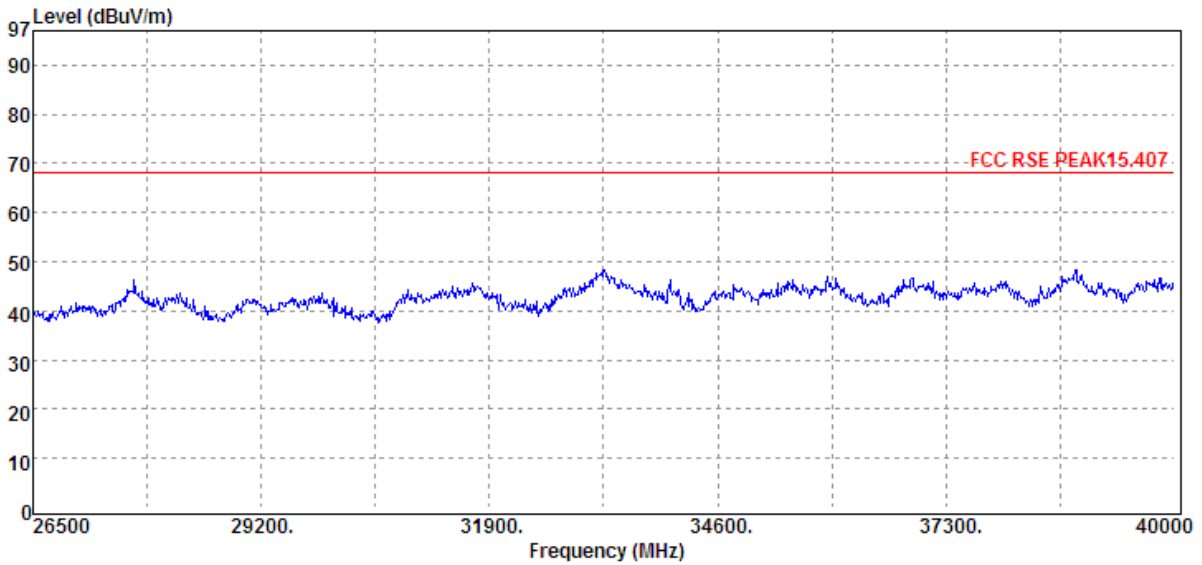
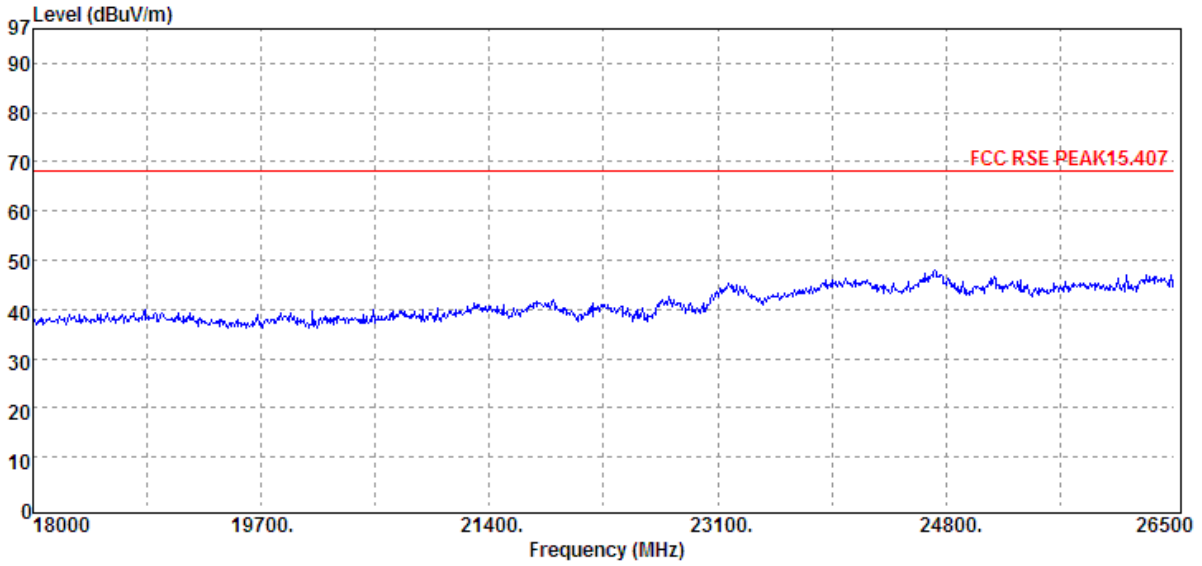
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5270 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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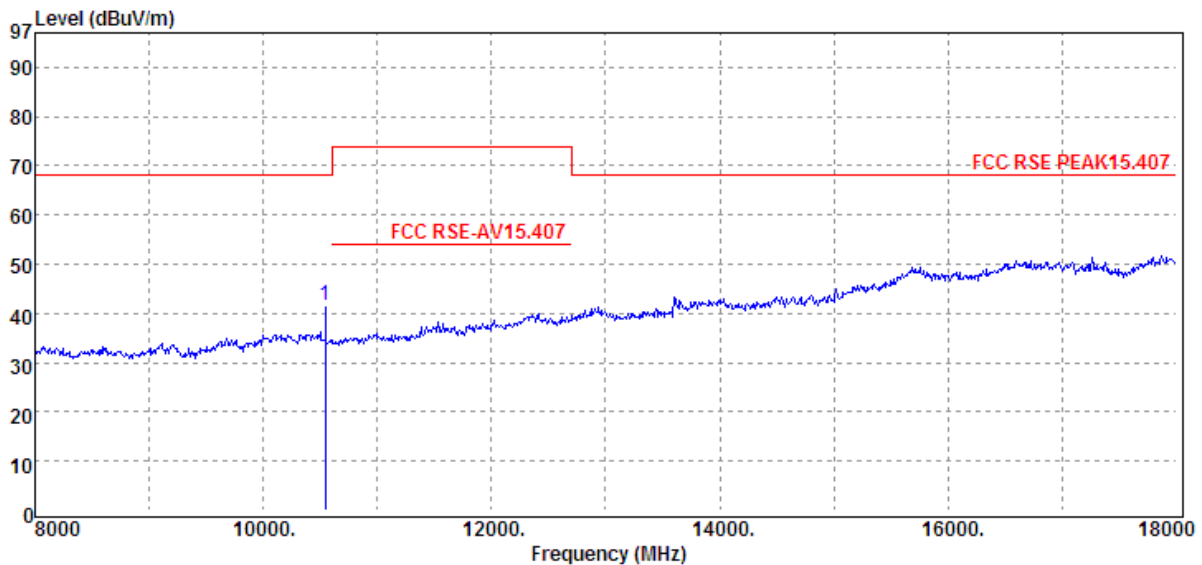
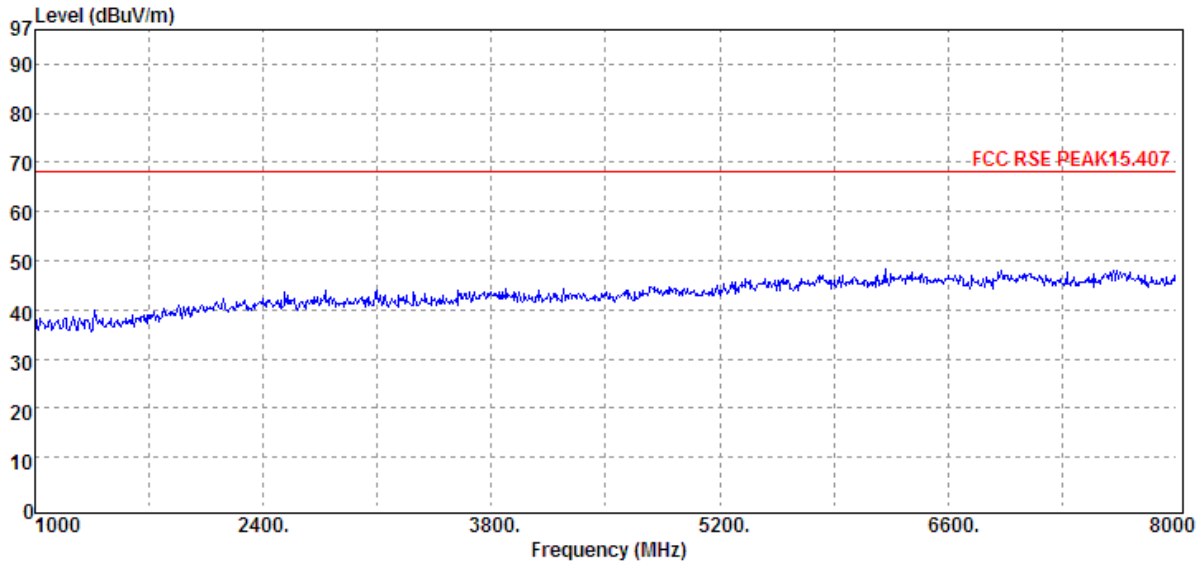
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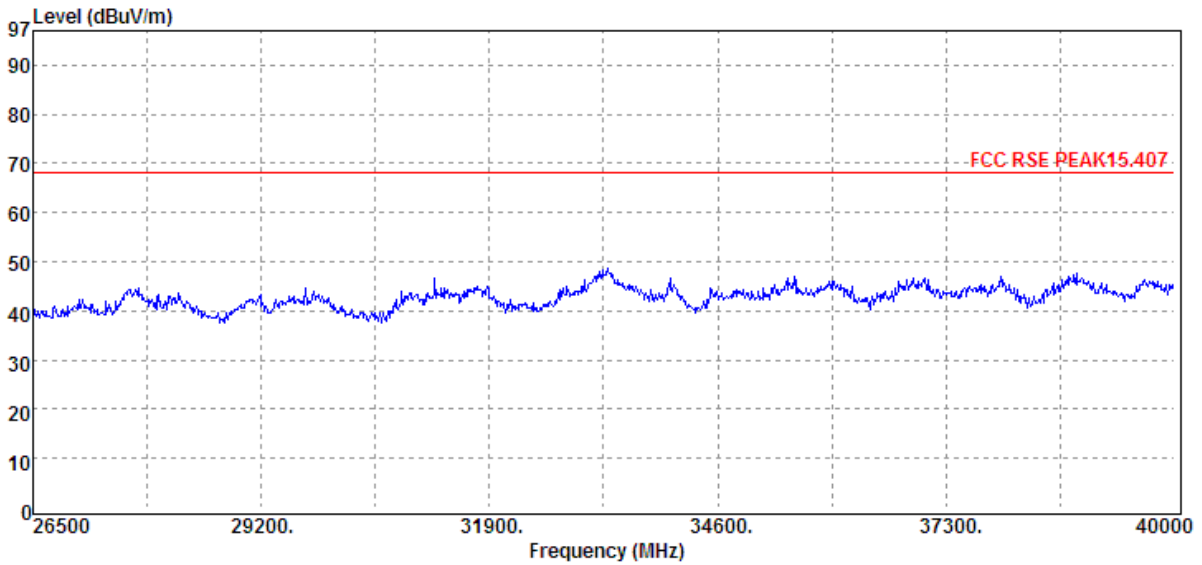
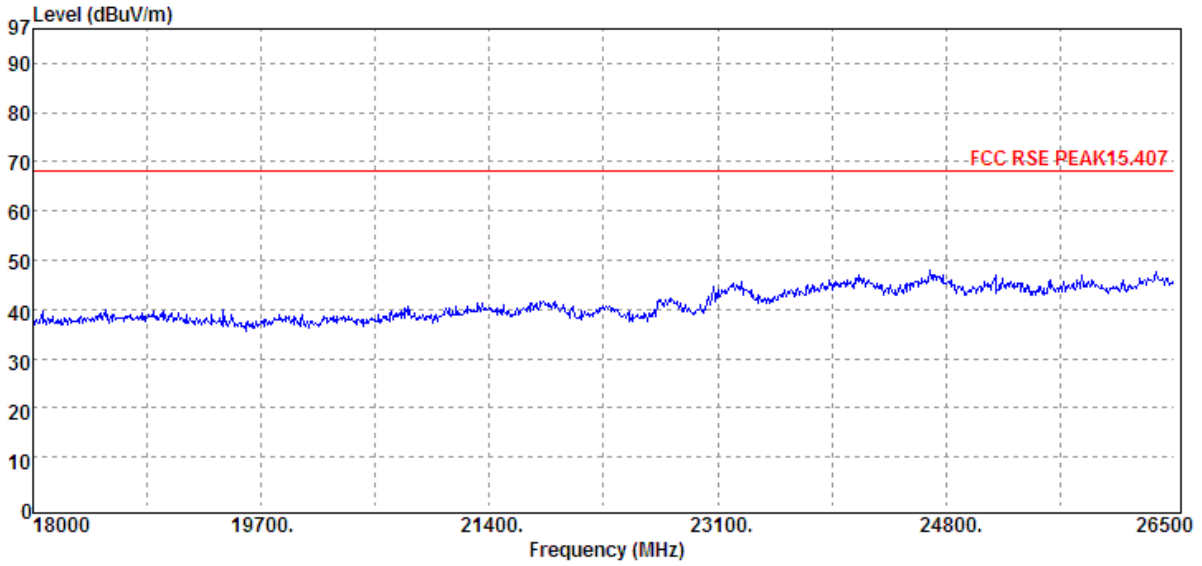
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5270 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HLOW    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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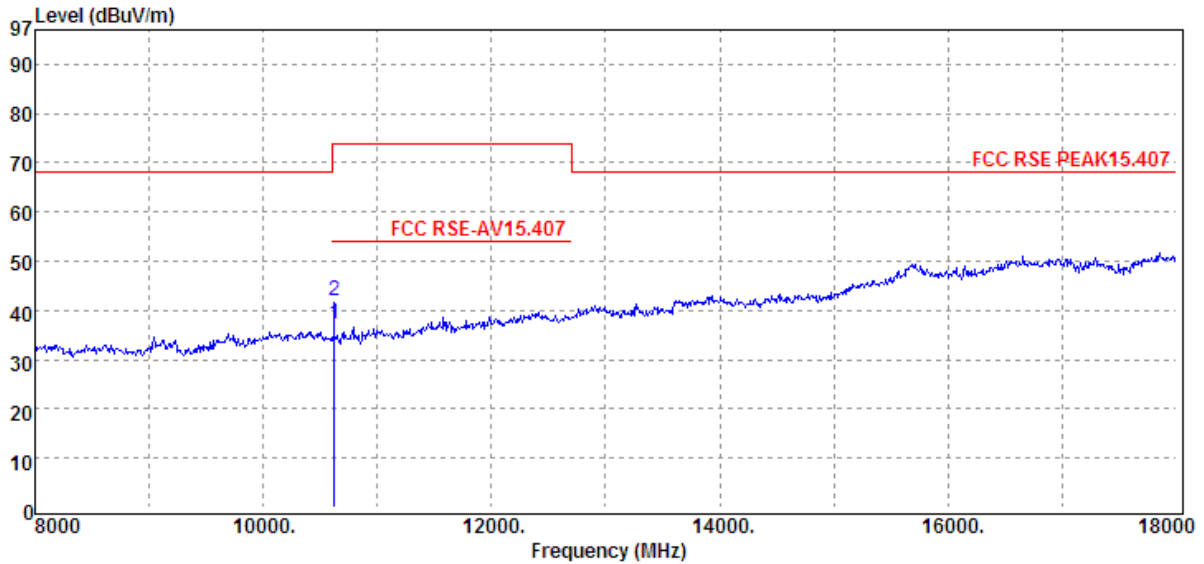
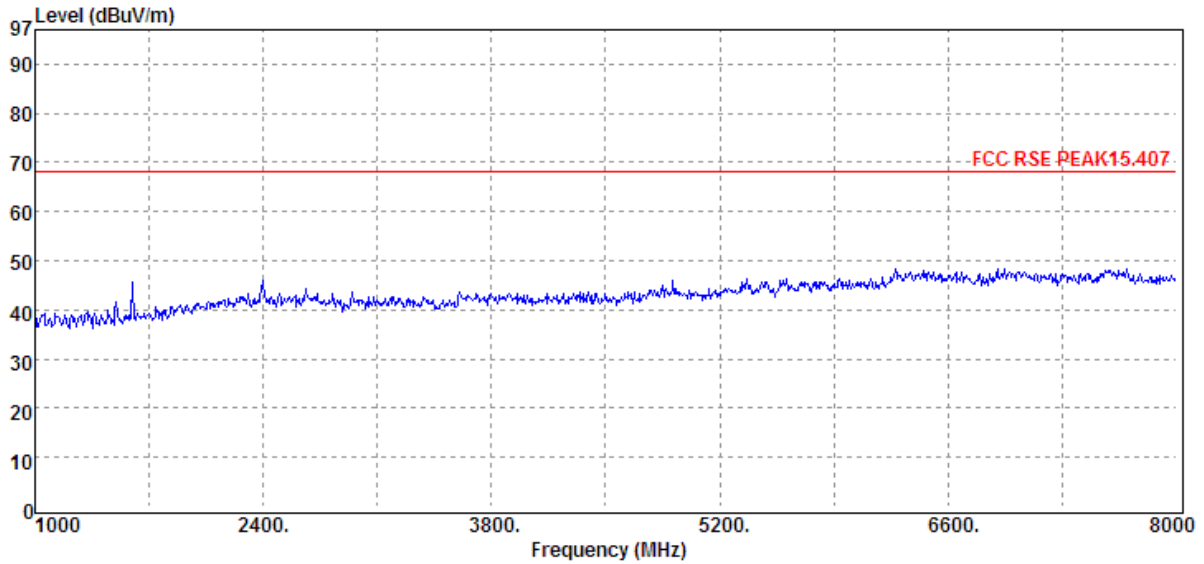
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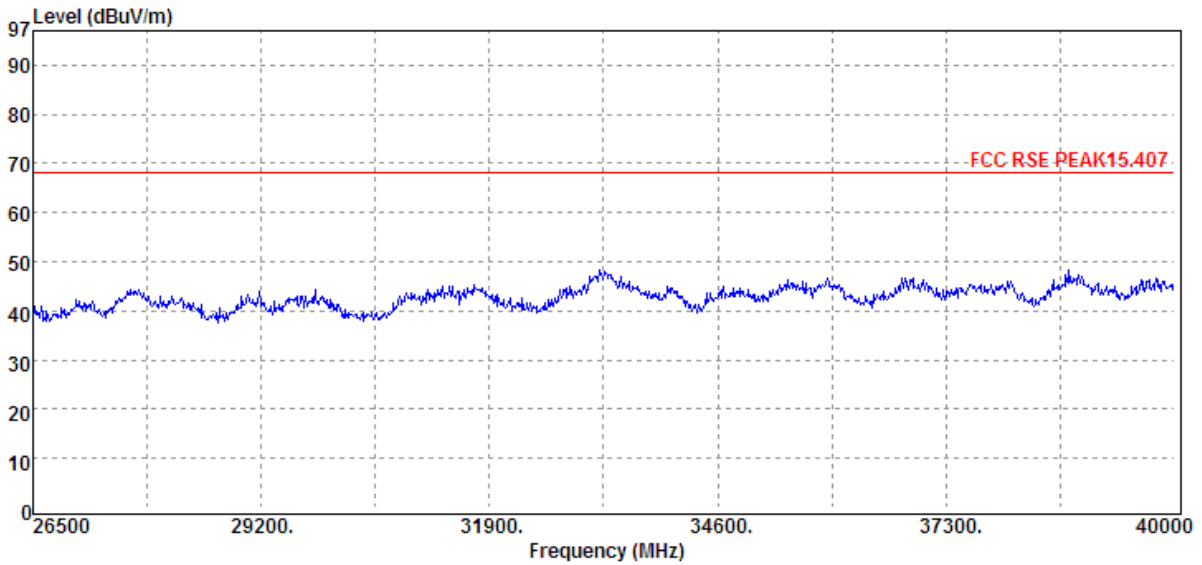
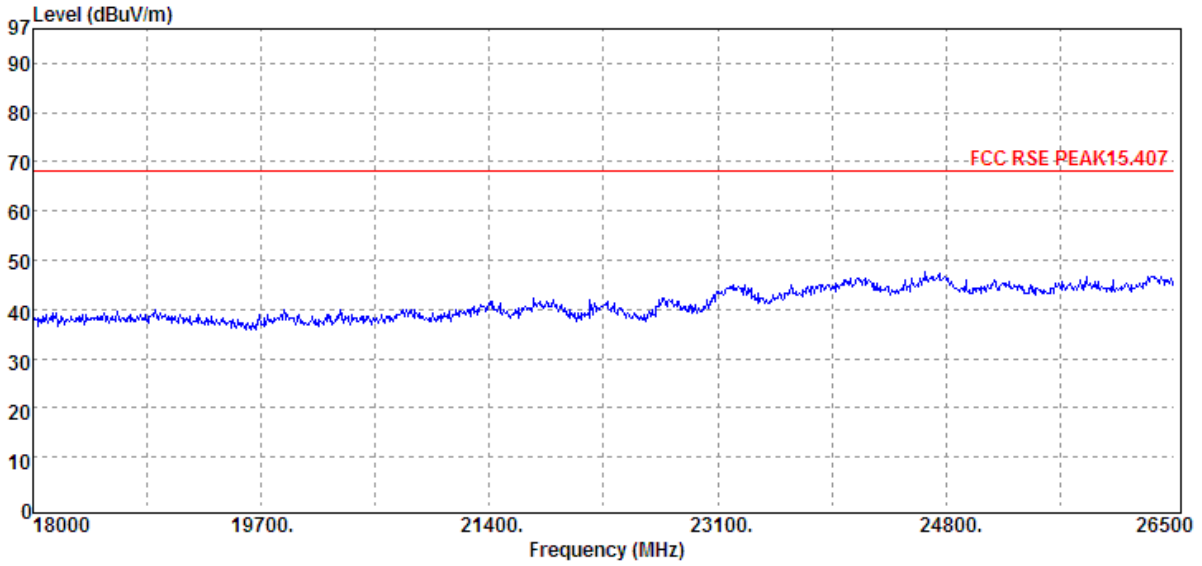
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5310 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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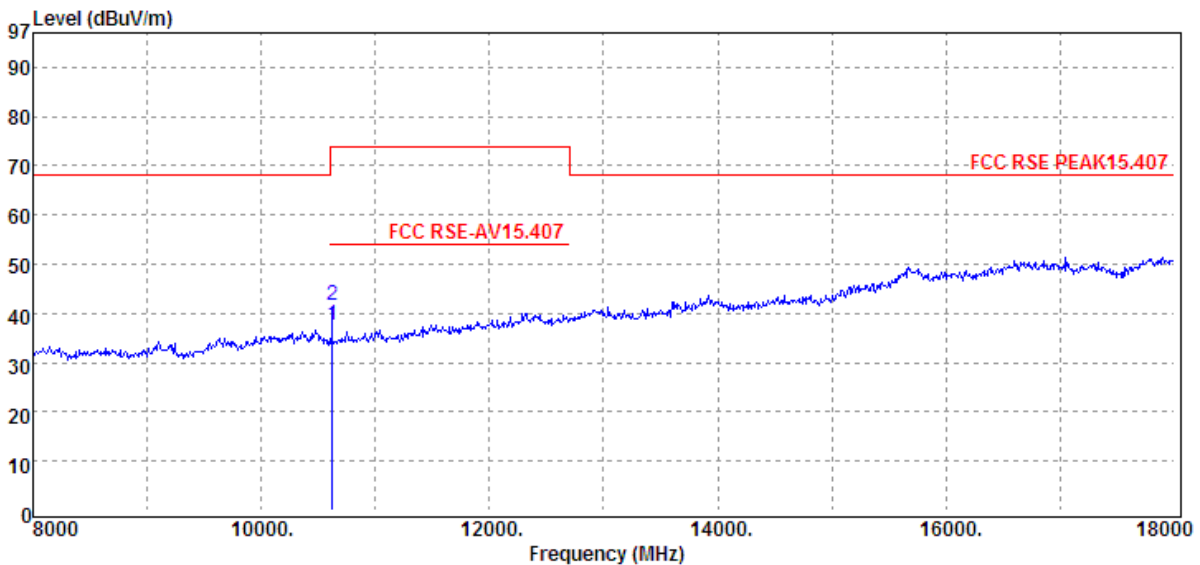
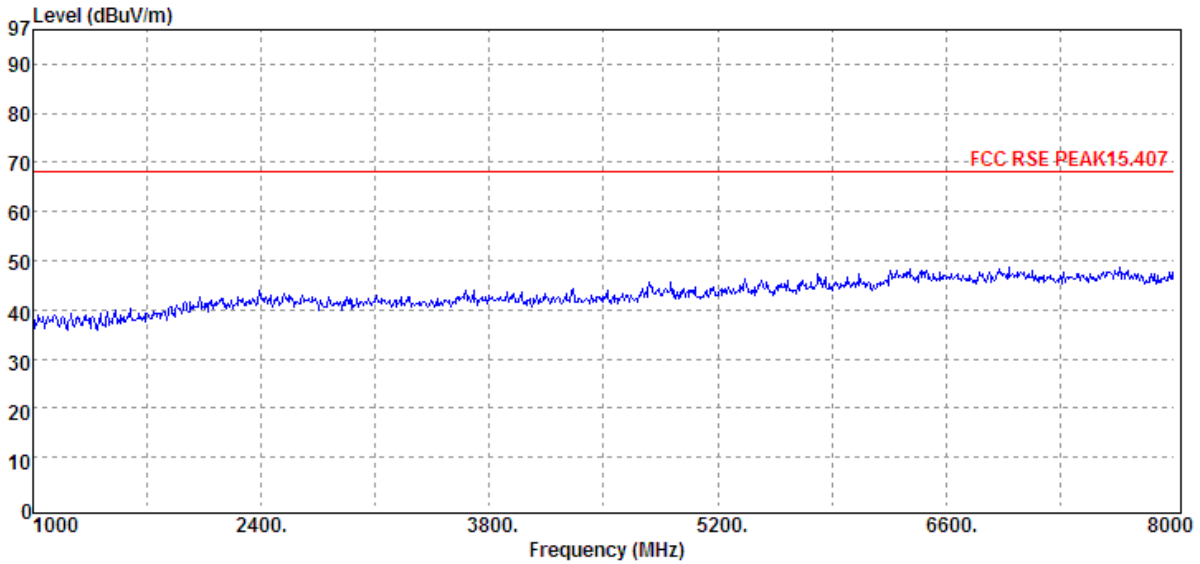
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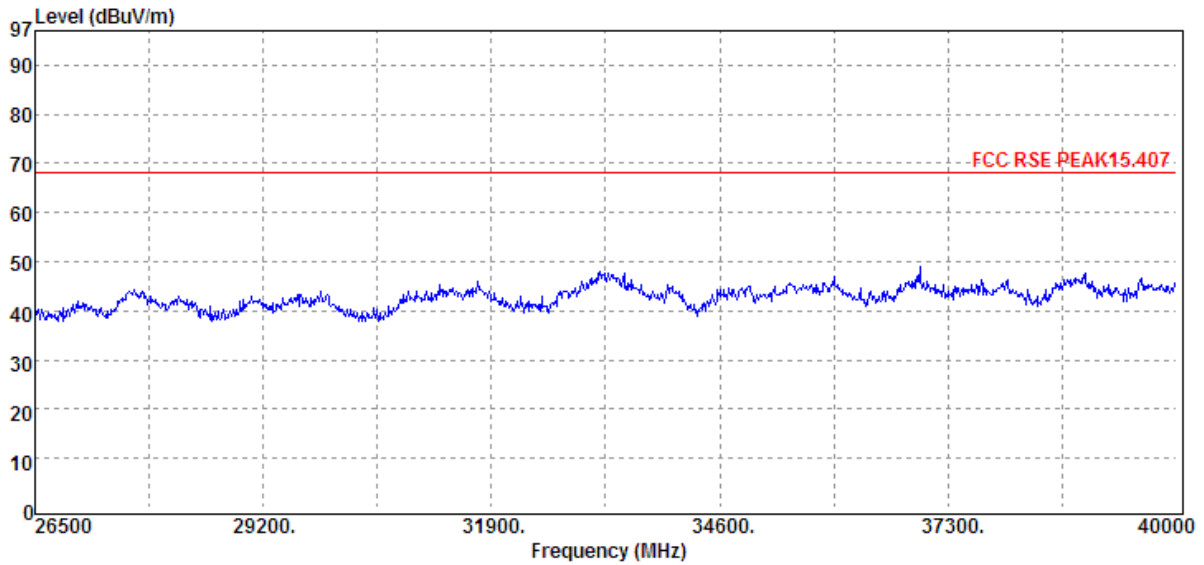
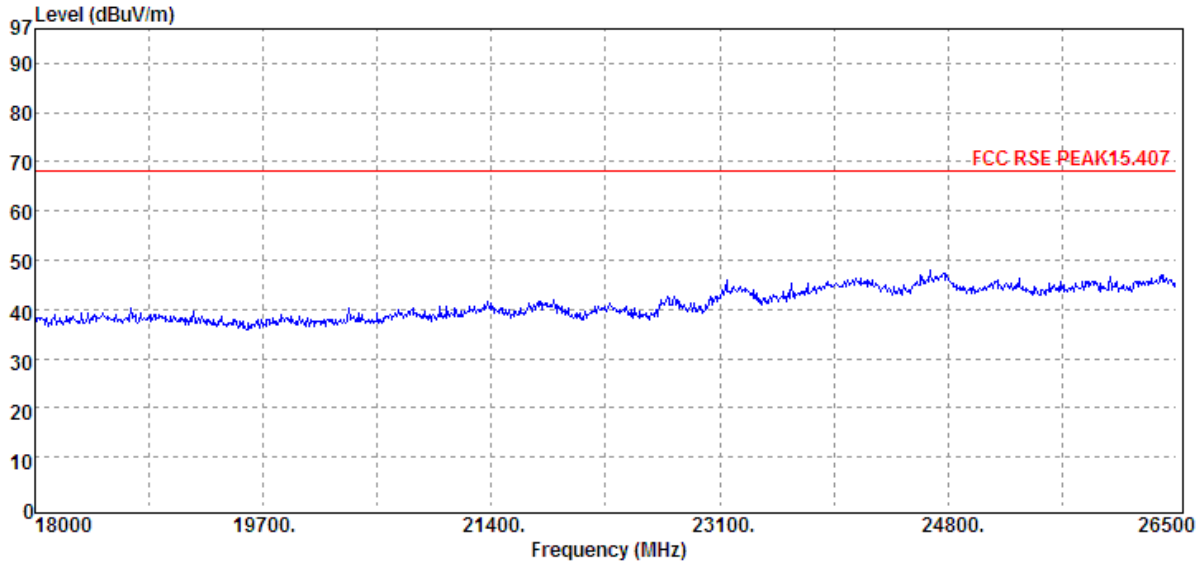
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5310 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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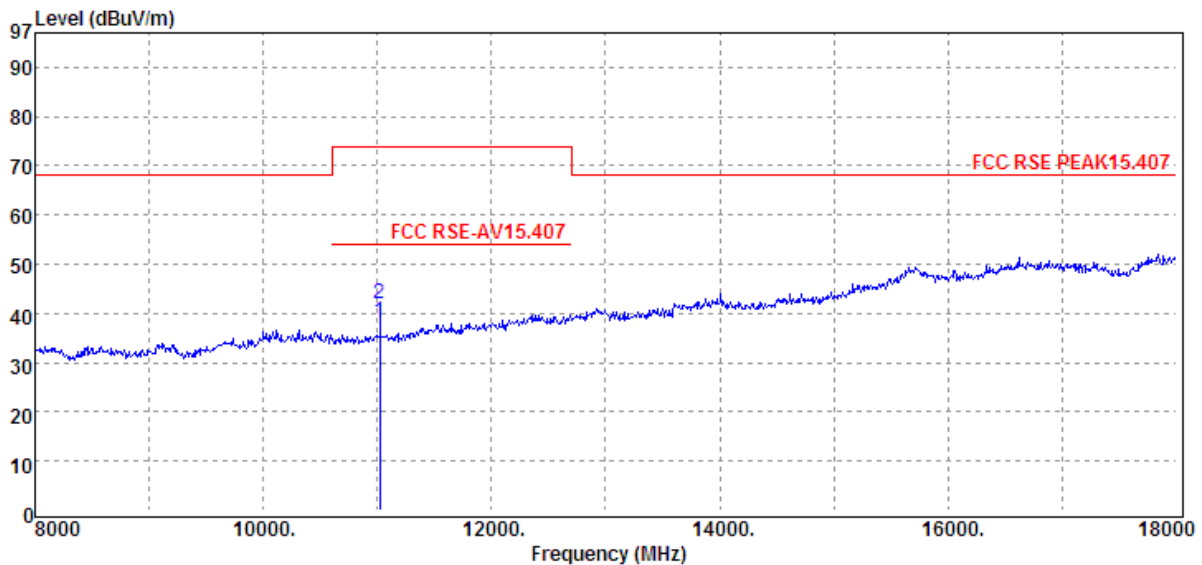
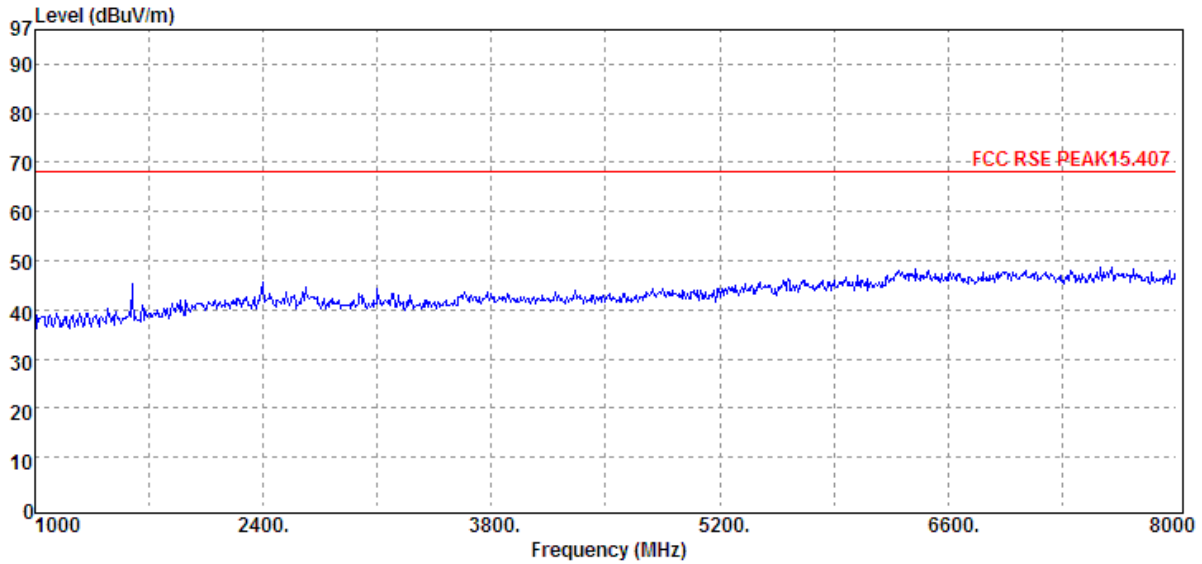
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**802.11n HT40MHz 5470-5725MHz**

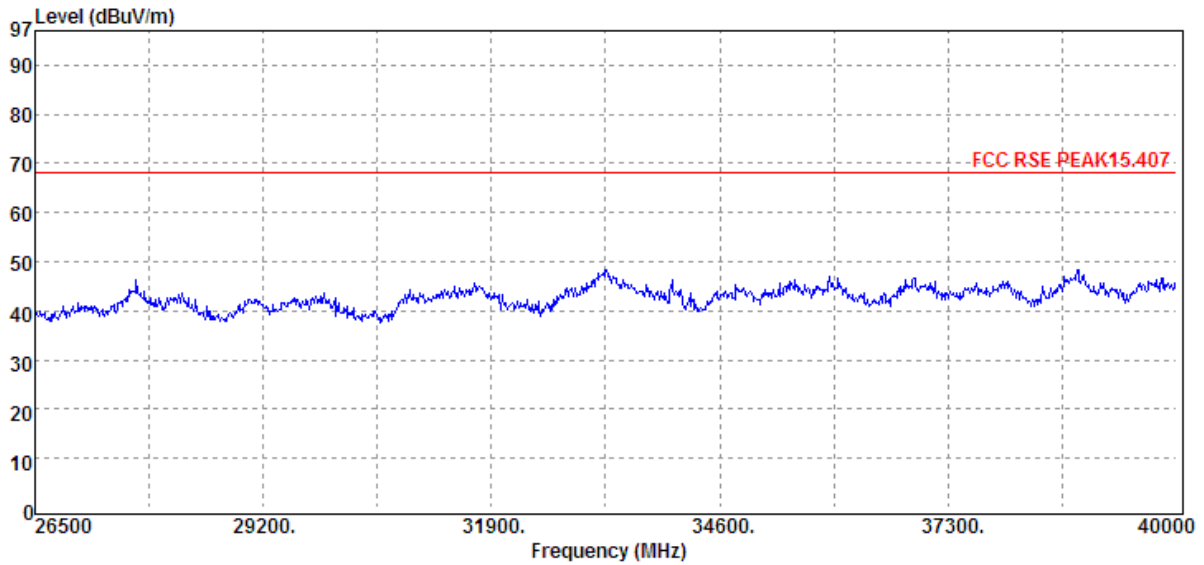
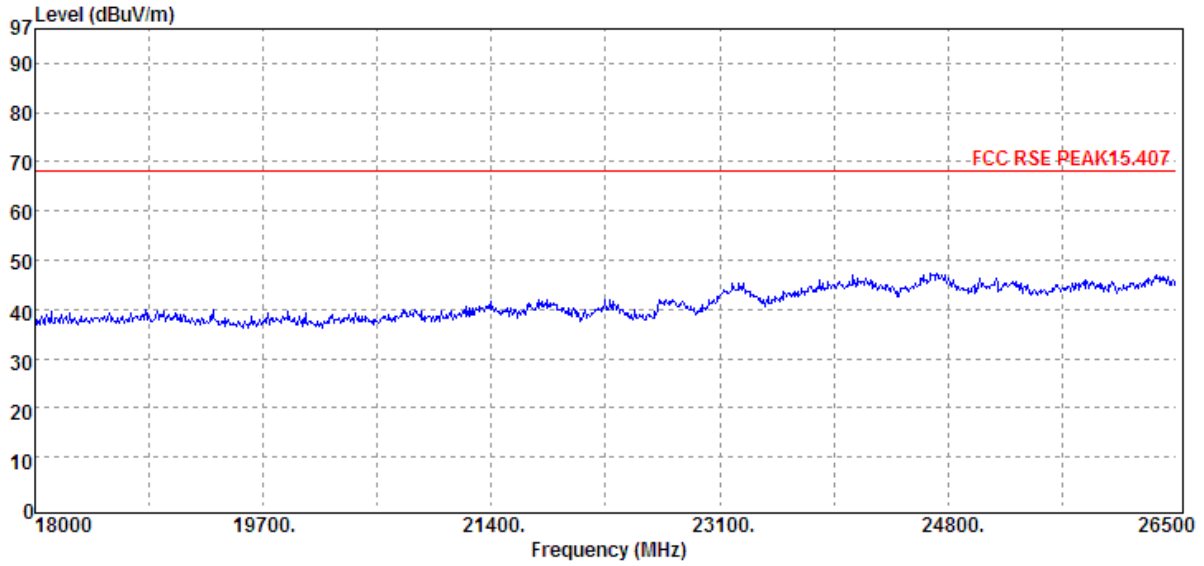
|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5510 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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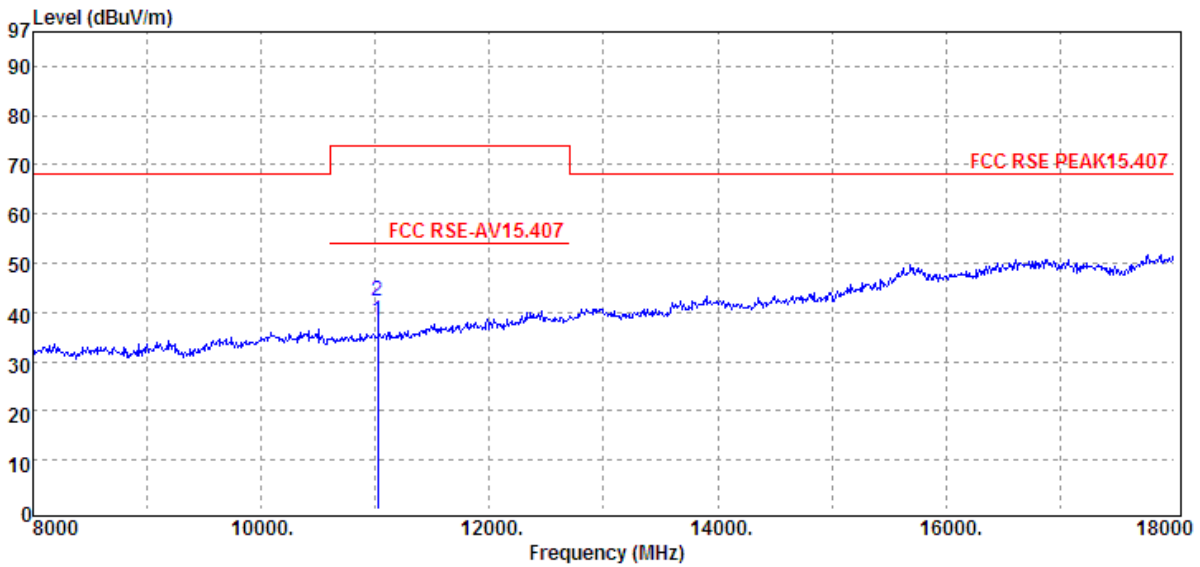
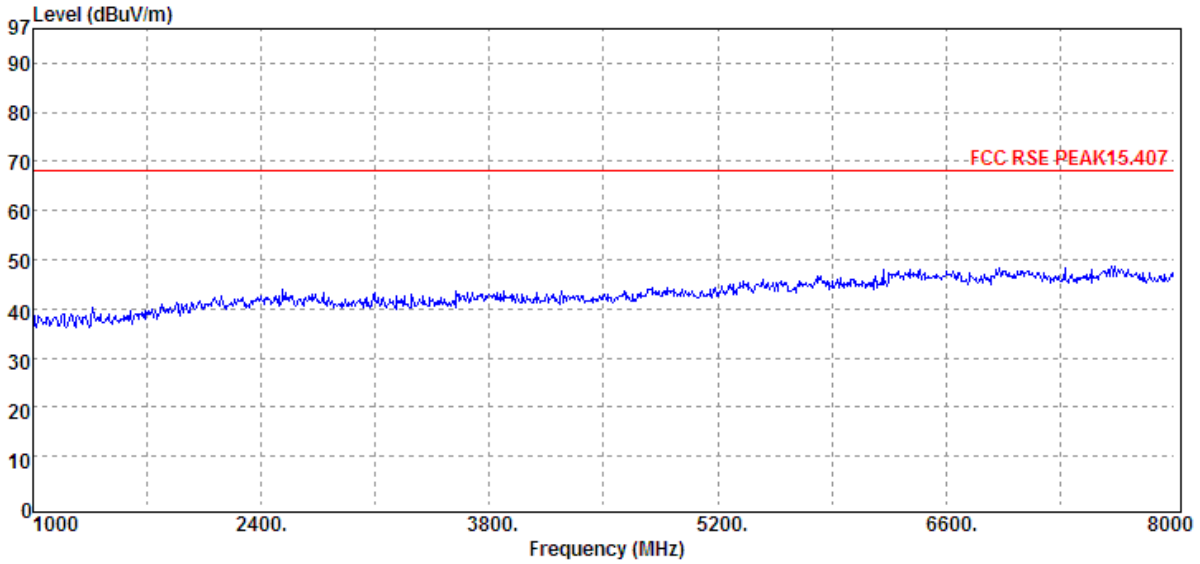
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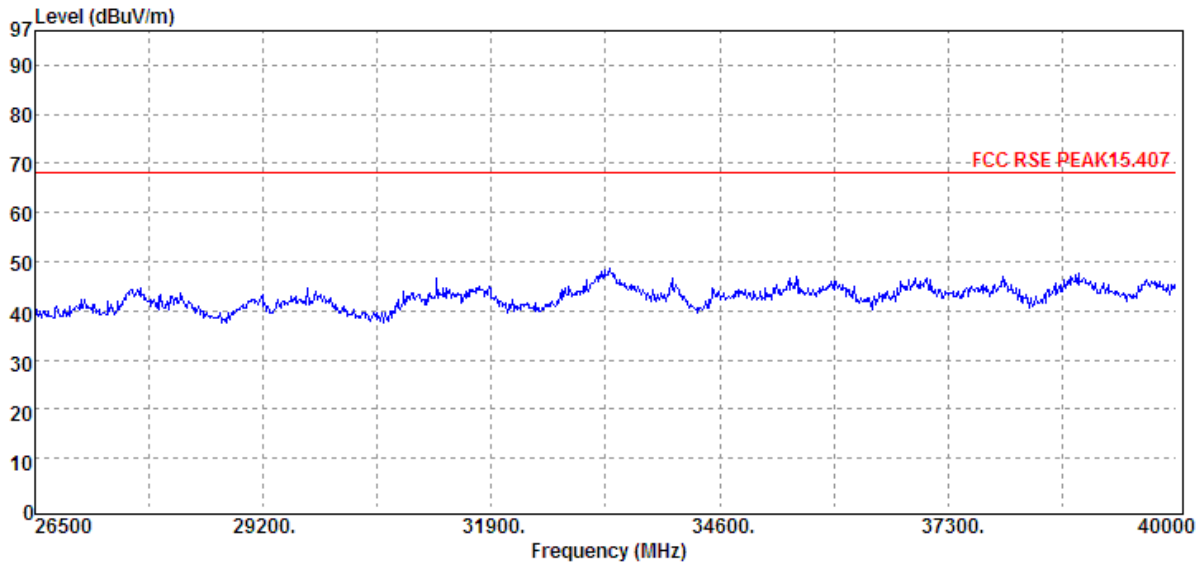
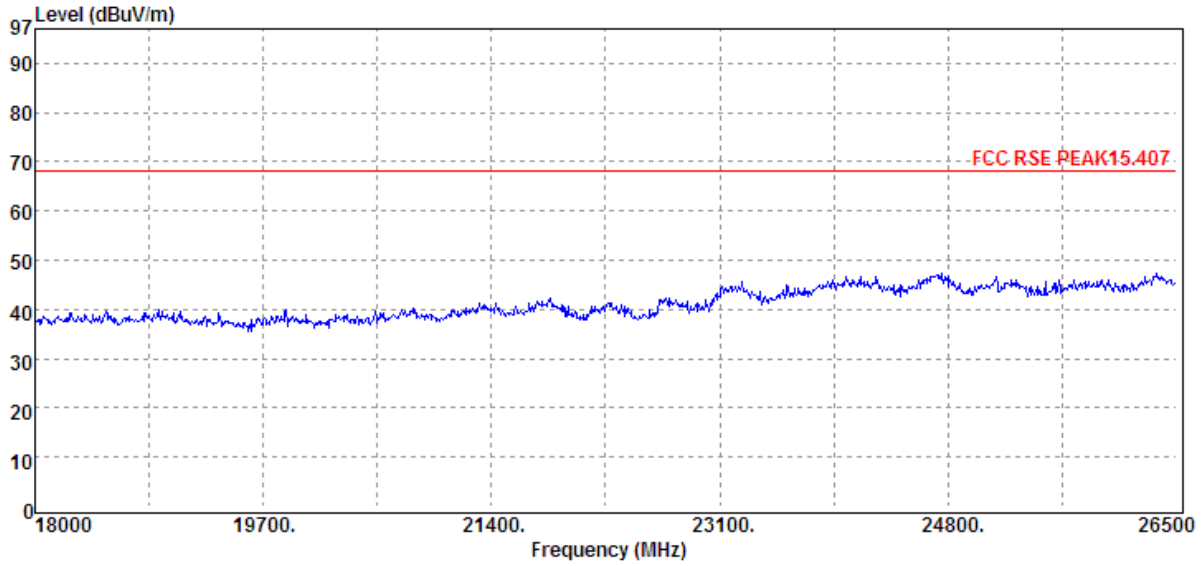
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5510 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX LOW     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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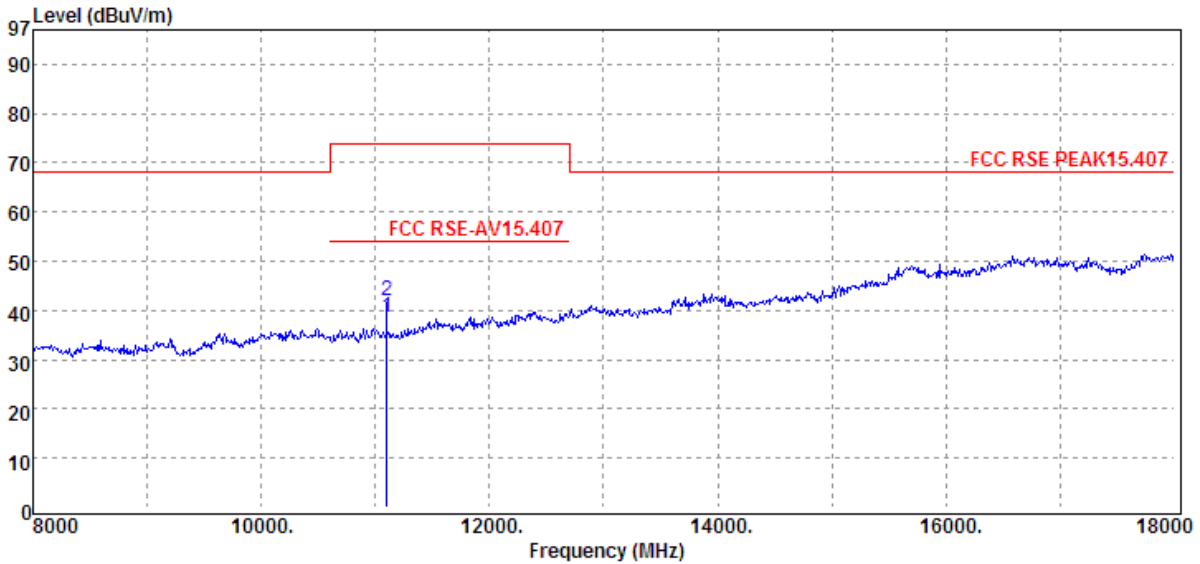
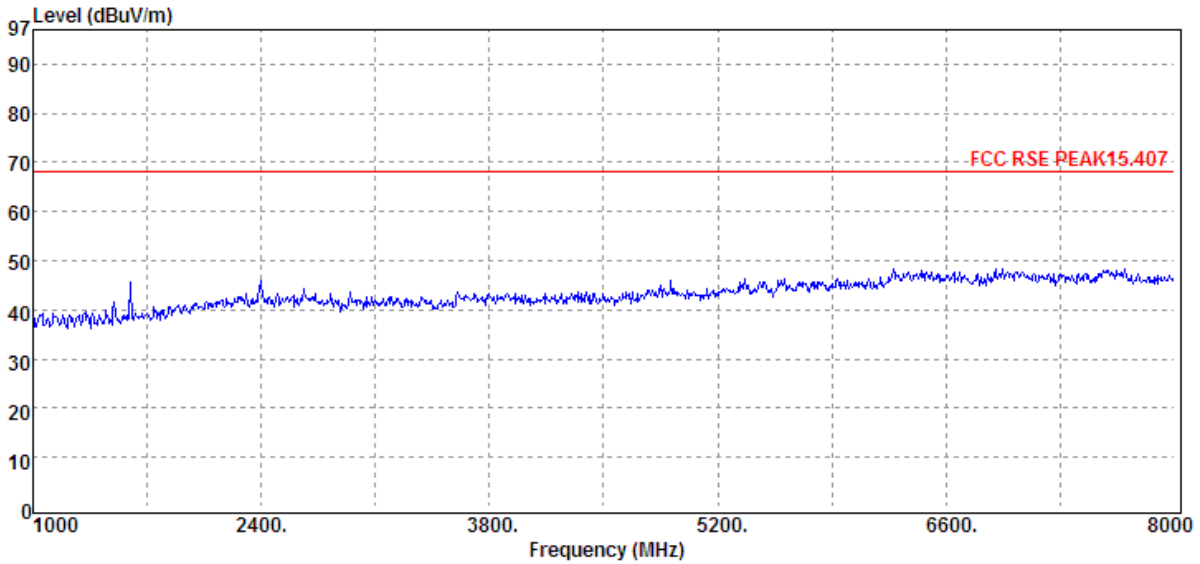


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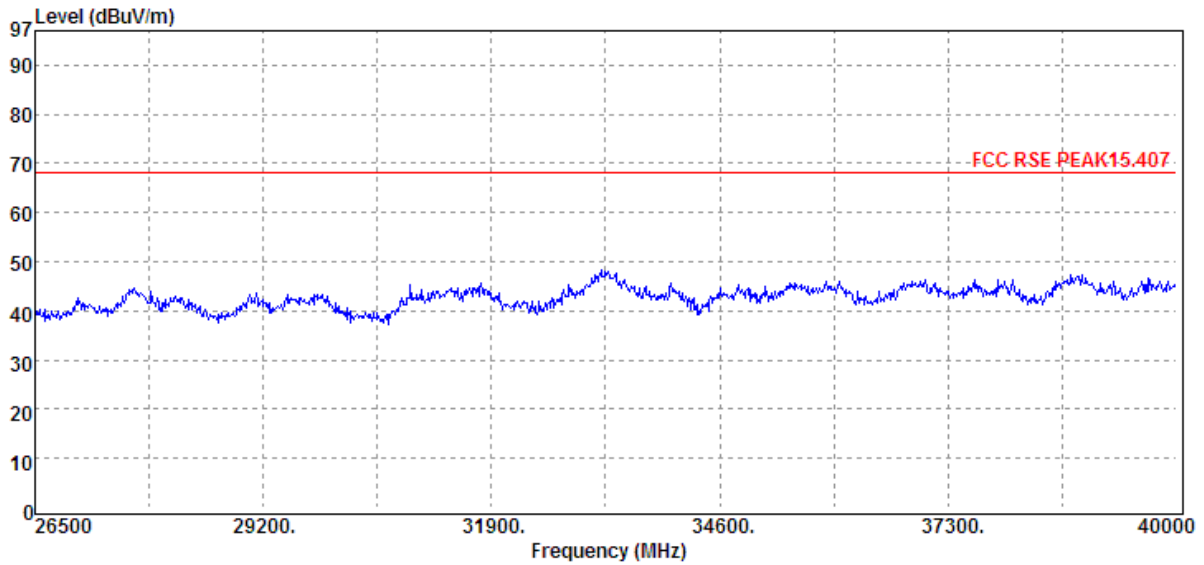
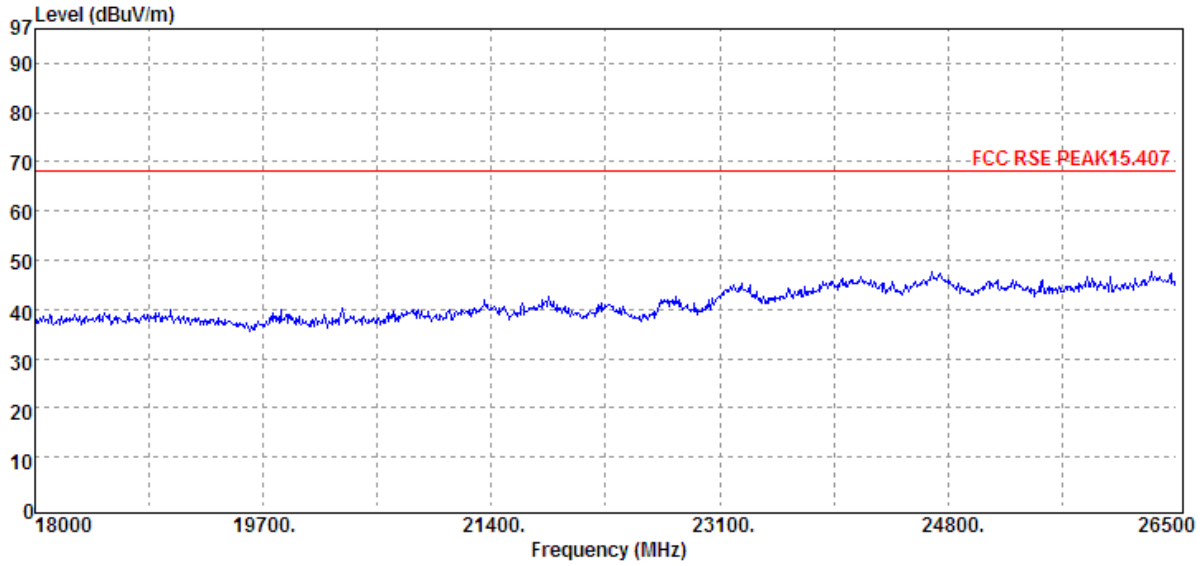


|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5550 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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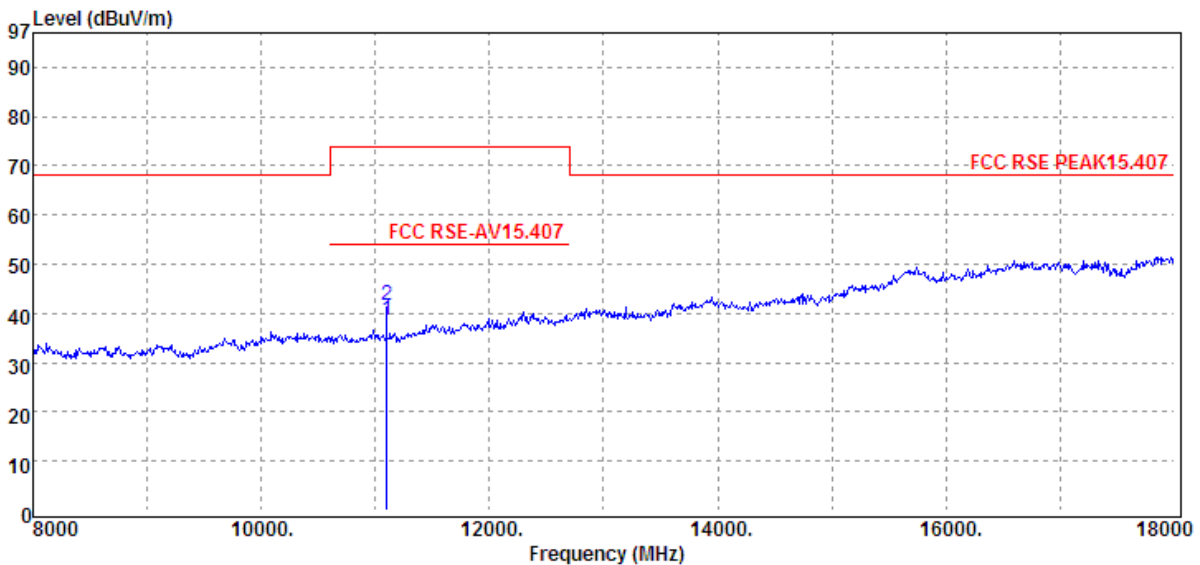
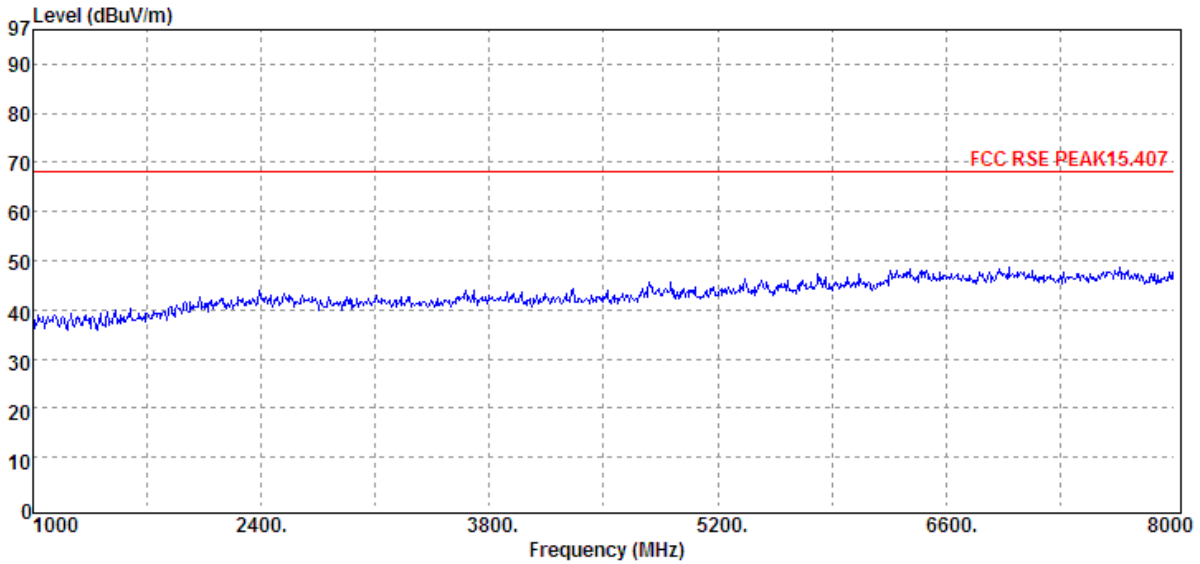


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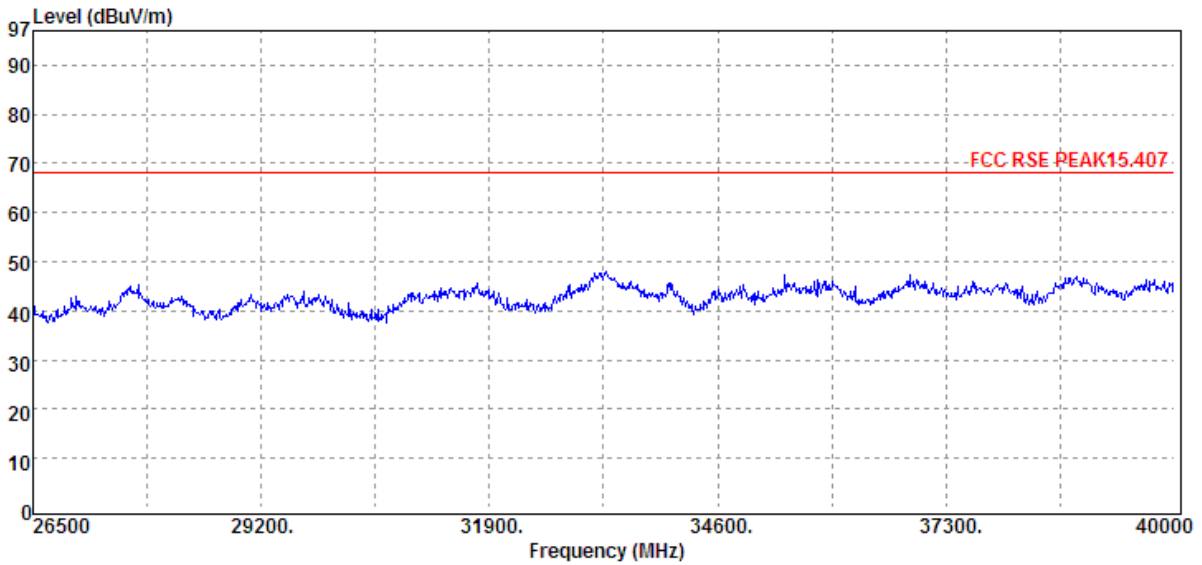
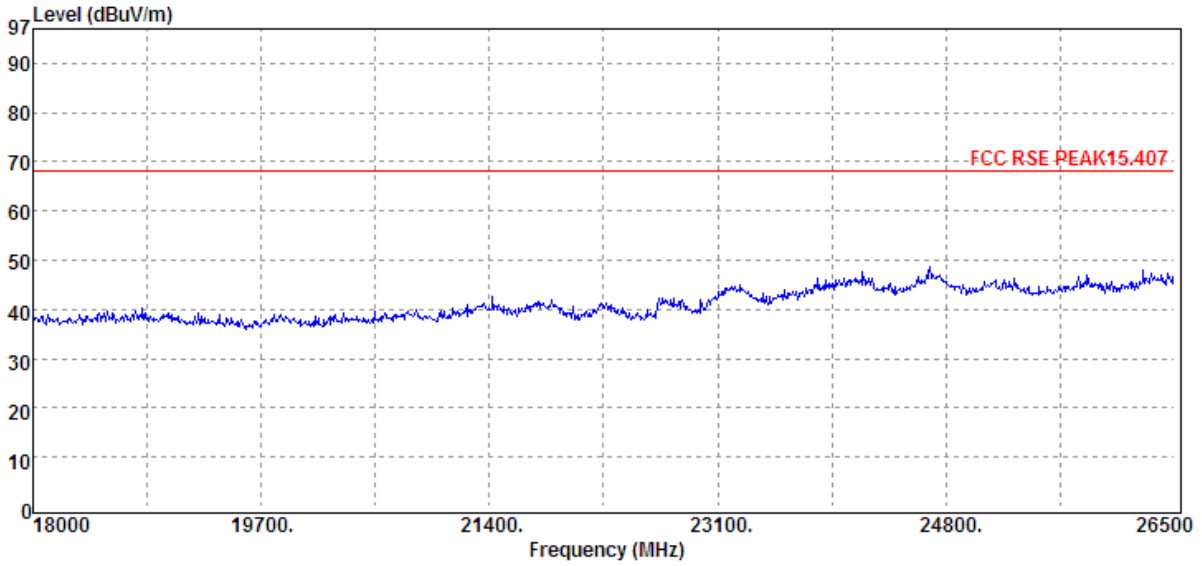
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5550 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX MID     | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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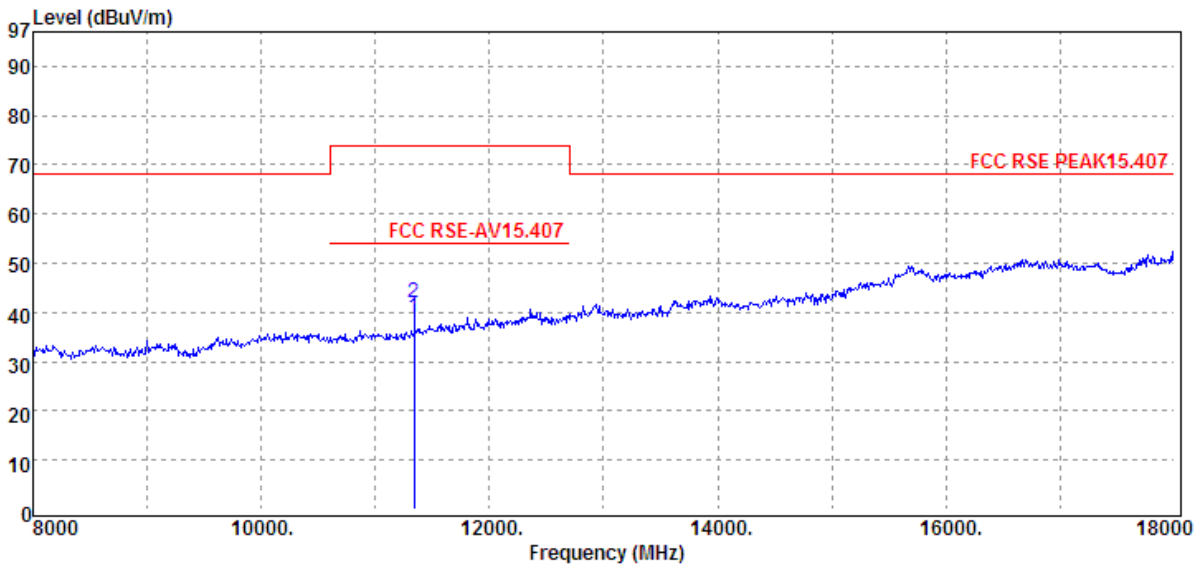
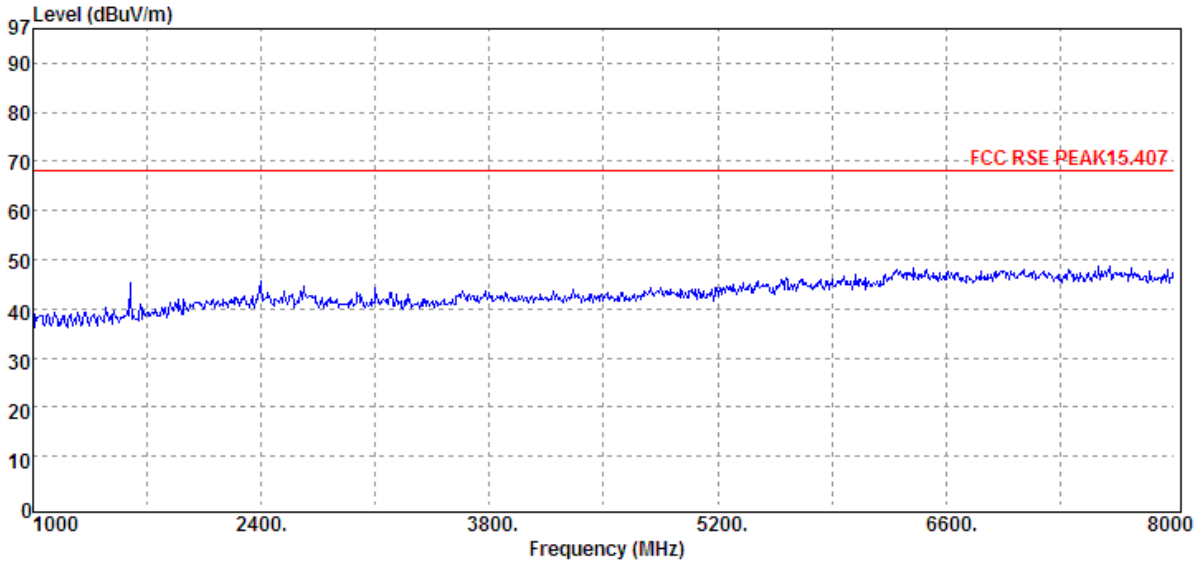
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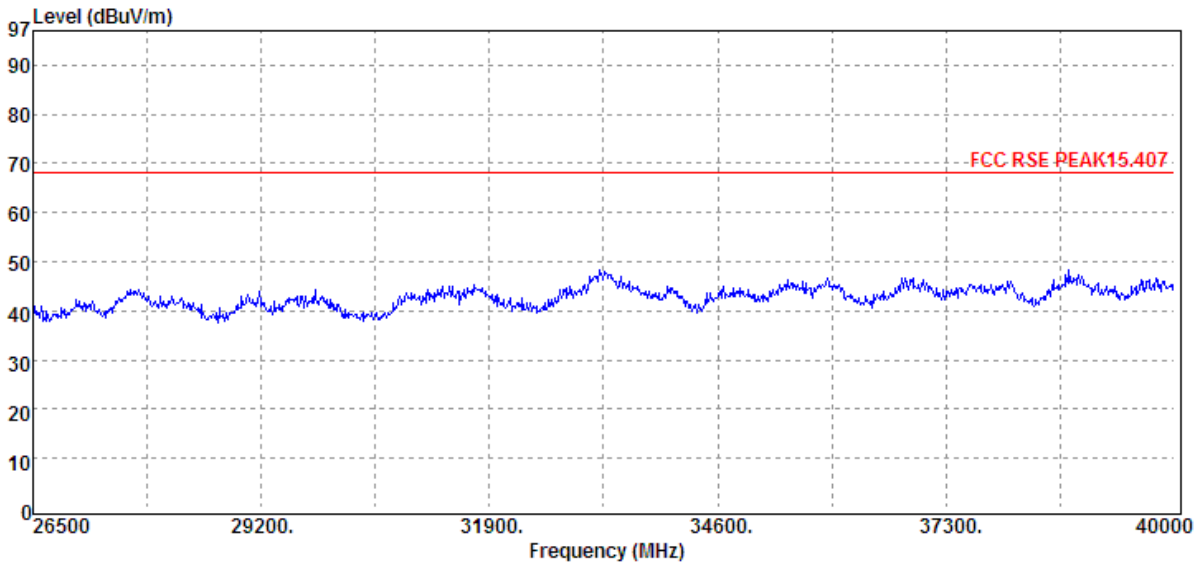
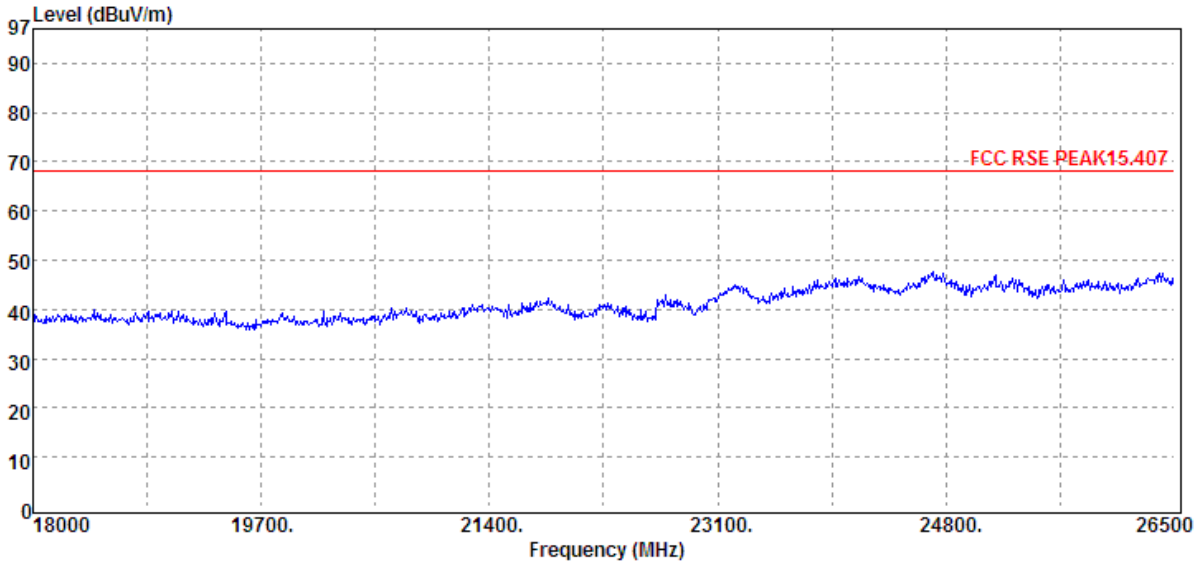
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5670 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :VERTICAL     |



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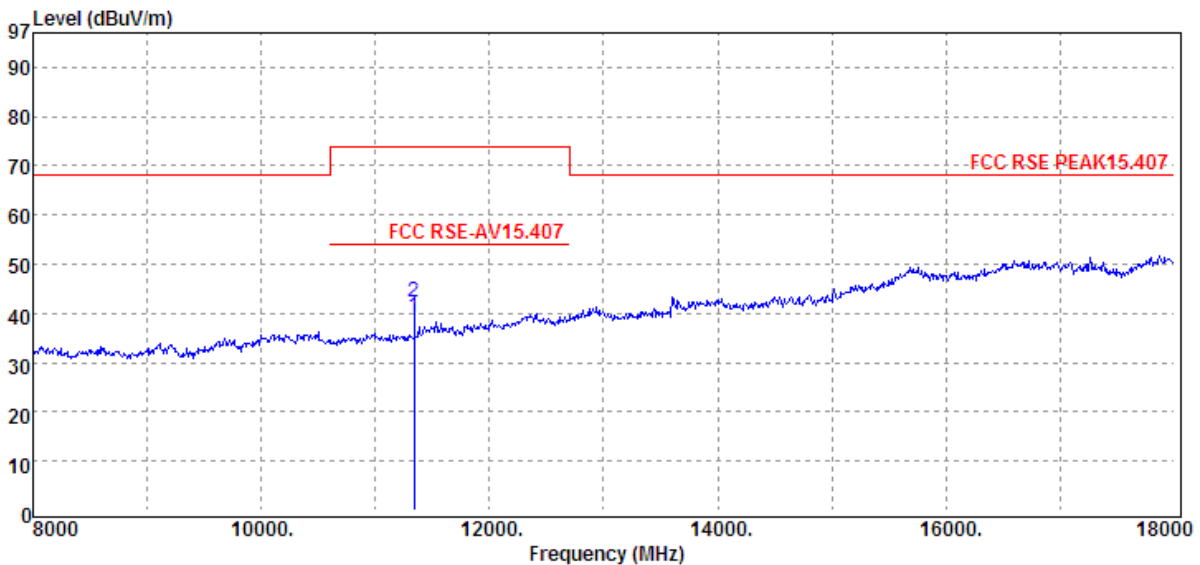
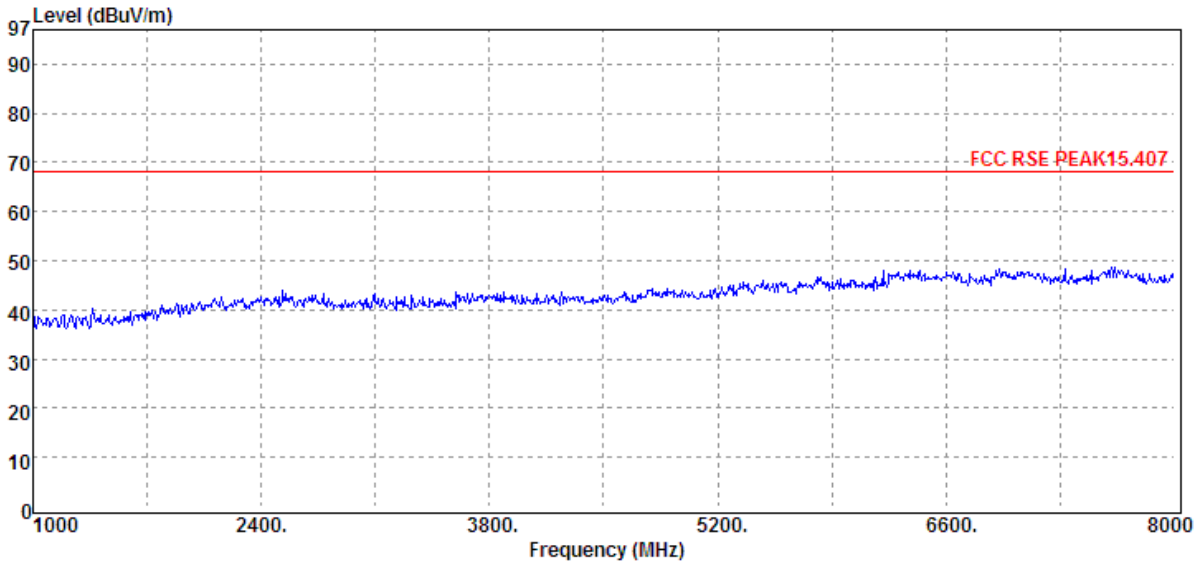
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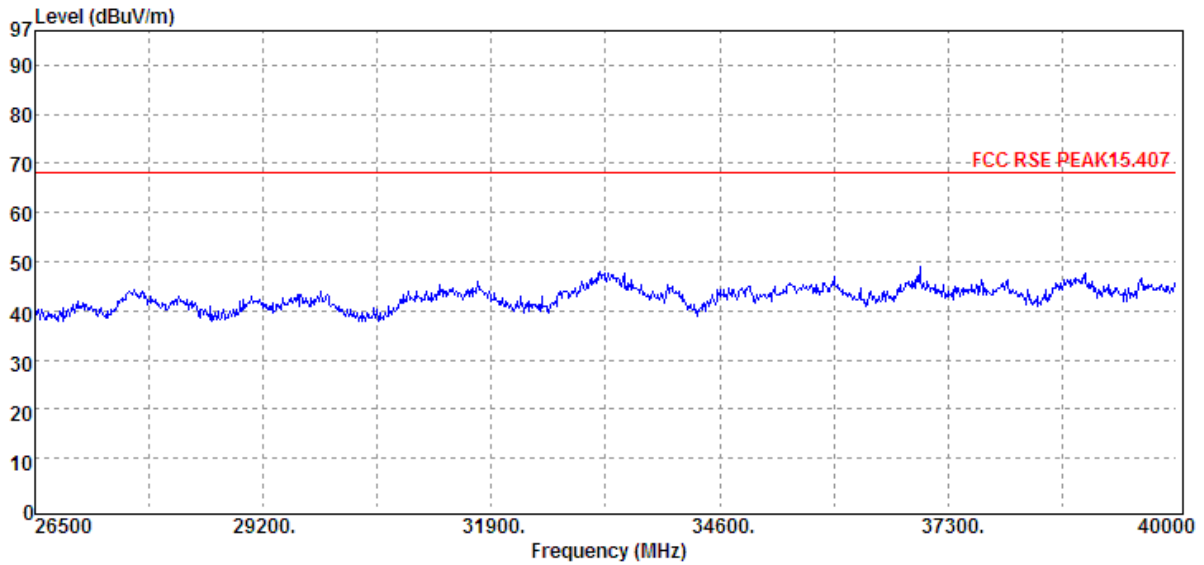
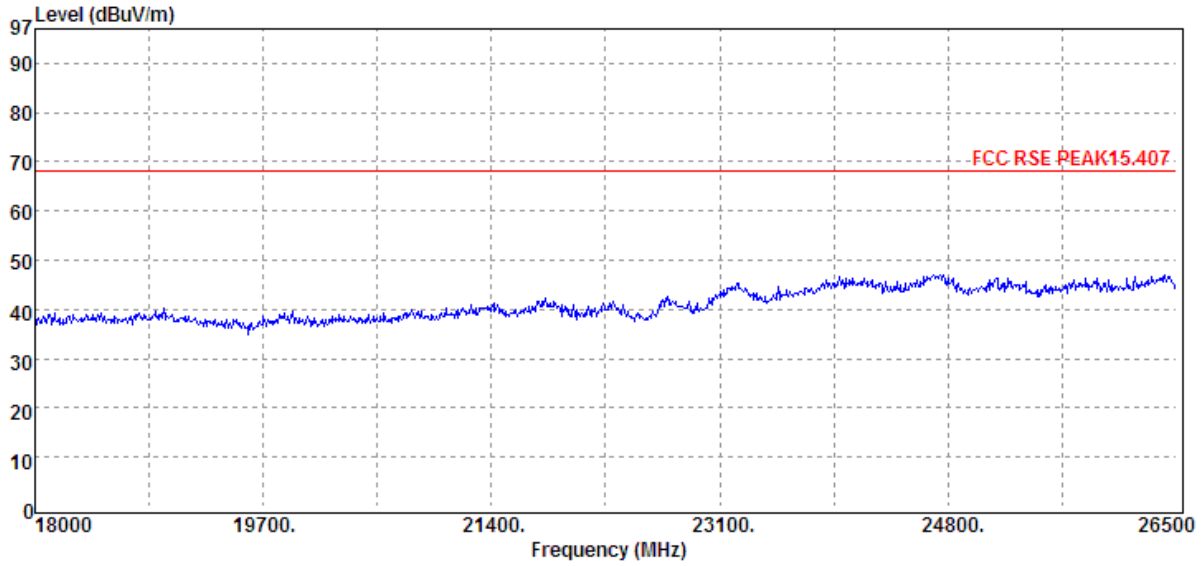
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|                       |             |                          |               |
|-----------------------|-------------|--------------------------|---------------|
| Operation Band        | :802.11n40M | Test Date                | :2014-03-19   |
| Fundamental Frequency | :5670 MHz   | Temp./Humi.              | :23deg_C/52RH |
| Operation Mode        | :TX HIGH    | Engineer                 | :Allan        |
| EUT Pol.              | :H Plan     | Measurement Antenna Pol. | :HORIZONTAL   |



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~ End of Report ~

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