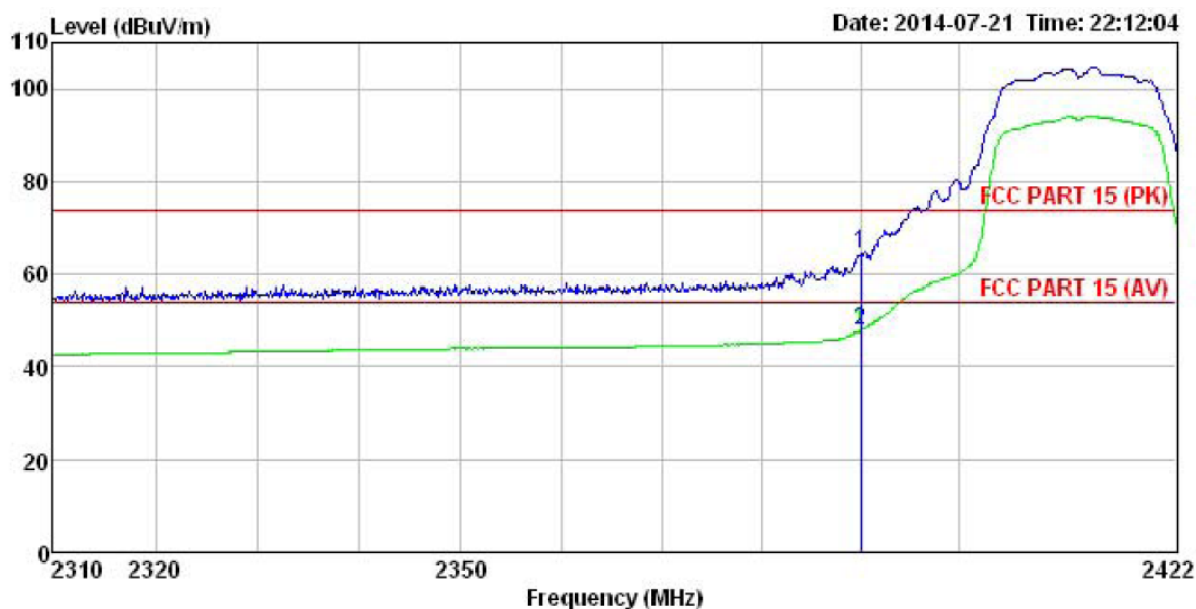


802.11g

Test channel: Lowest

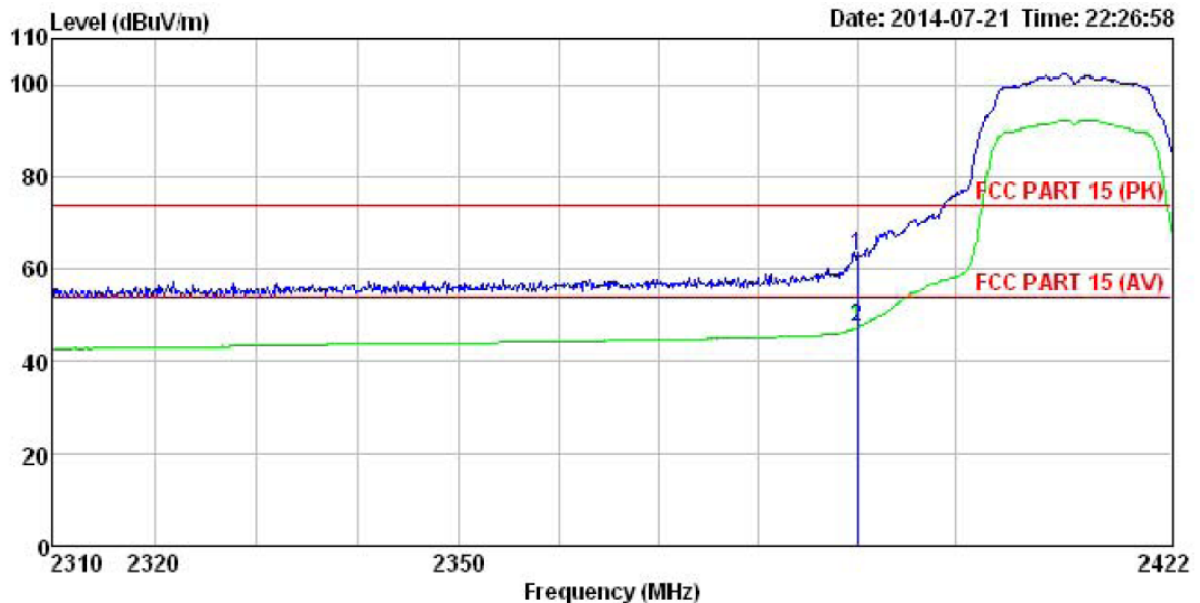
Horizontal :



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read | Antenna | Cable | Preamp | Limit | Over | |
|---|----------|--------|---------|--------|--------|--------|--------|---------------|
| | Level | Factor | Loss | Factor | Level | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 2390.000 | 27.47 | 31.24 | 5.67 | 0.00 | 64.38 | 74.00 | -9.62 Peak |
| 2 | 2390.000 | 11.16 | 31.24 | 5.67 | 0.00 | 48.07 | 54.00 | -5.93 Average |

Vertical:

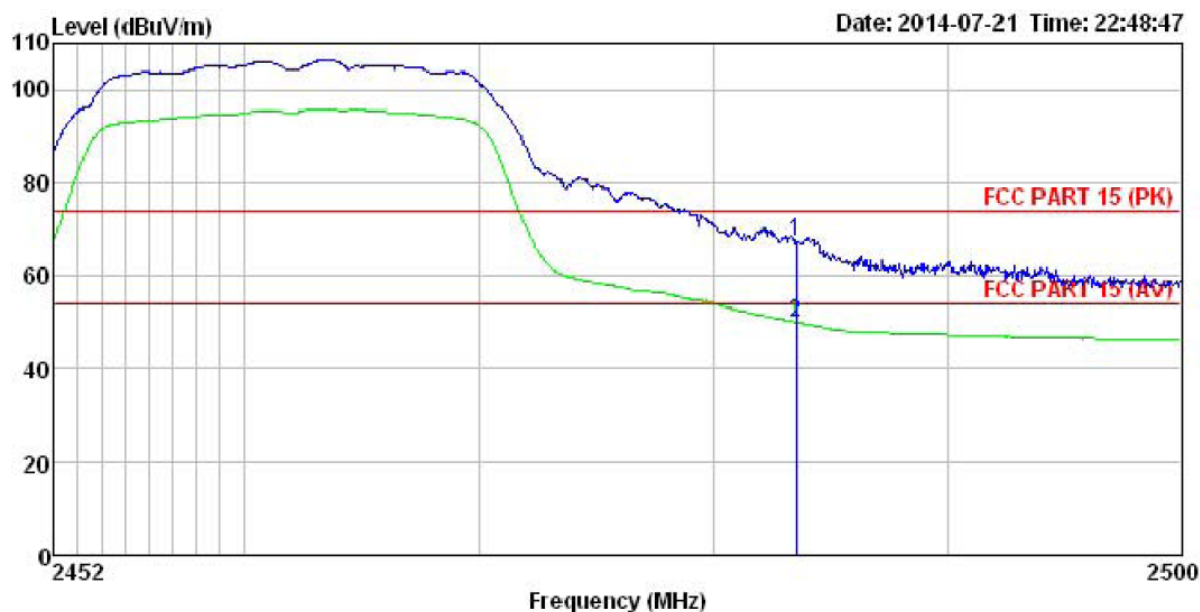


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | ReadAntenna Level | Cable Factor | Preamp Loss | Preamp Factor | Level | Limit | Over | Limit | Remark |
|---|----------|----------------------|-----------------|----------------|------------------|--------|--------|--------|---------|--------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | | |
| 1 | 2390.000 | 25.89 | 31.24 | 5.67 | 0.00 | 62.80 | 74.00 | -11.20 | Peak | |
| 2 | 2390.000 | 10.53 | 31.24 | 5.67 | 0.00 | 47.44 | 54.00 | -6.56 | Average | |

Test channel: Highest

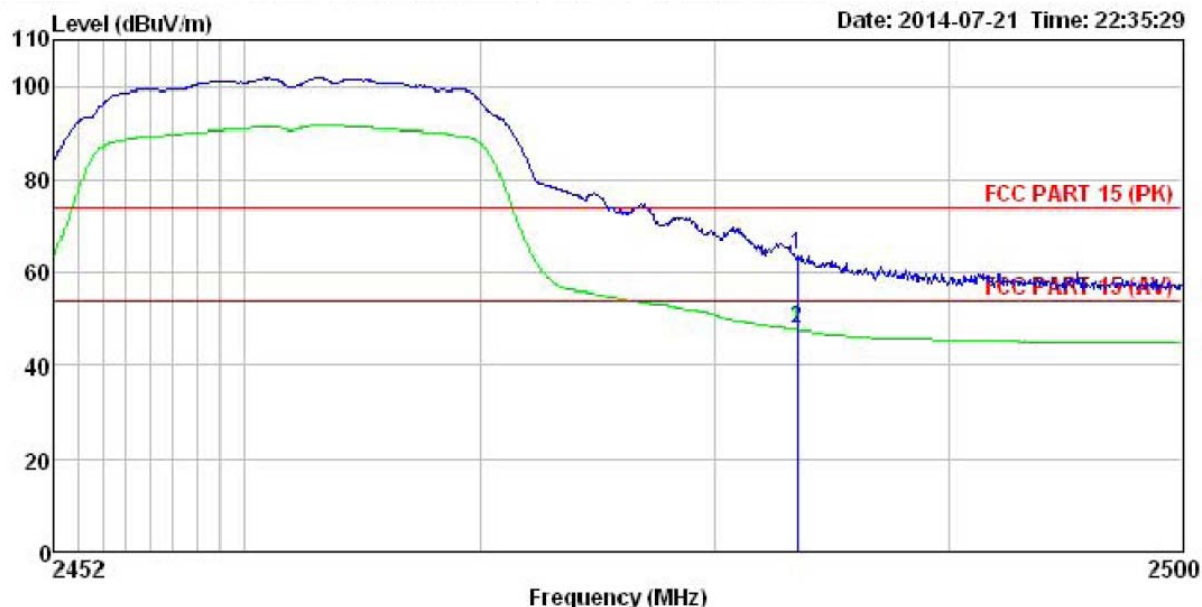
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit | Over Limit | Remark |
|---|----------|---------------|-------------------|---------------|------------------|--------|--------|---------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | 29.95 | 31.55 | 5.70 | 0.00 | 67.20 | 74.00 | -6.80 | Peak |
| 2 | 2483.500 | 12.74 | 31.55 | 5.70 | 0.00 | 49.99 | 54.00 | -4.01 | Average |

Vertical:



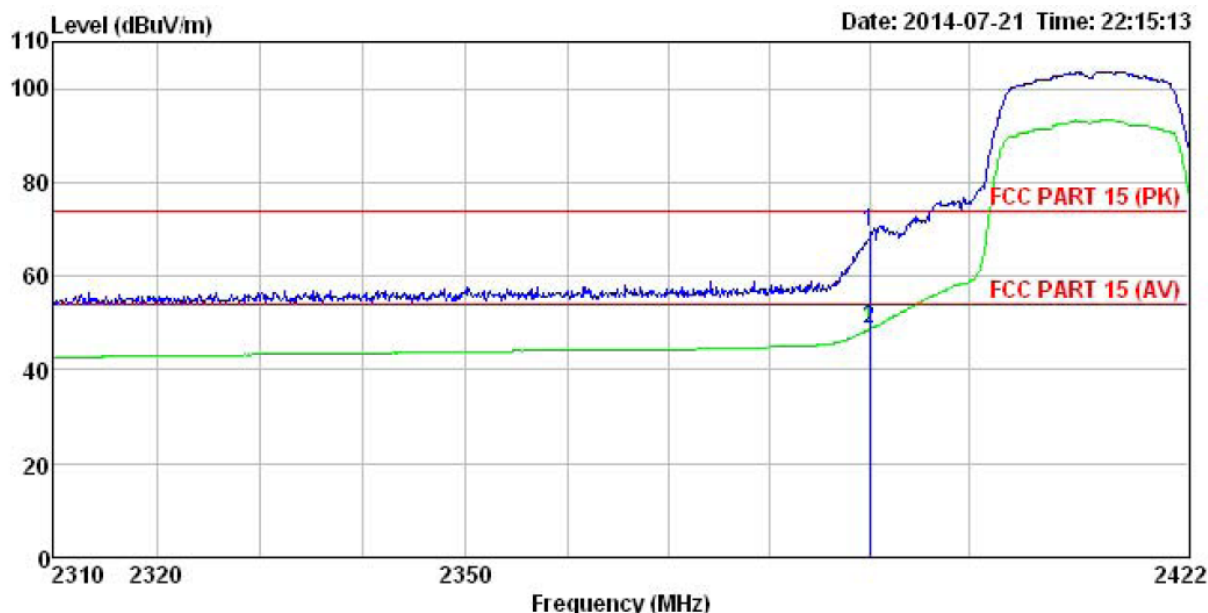
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : G-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5'C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit | Over Limit | Remark |
|---|----------|------------|----------------|------------|---------------|--------|--------|------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | 26.38 | 31.55 | 5.70 | 0.00 | 63.63 | 74.00 | -10.37 | Peak |
| 2 | 2483.500 | 10.47 | 31.55 | 5.70 | 0.00 | 47.72 | 54.00 | -6.28 | Average |

802.11n (H20)

Test channel: Lowest

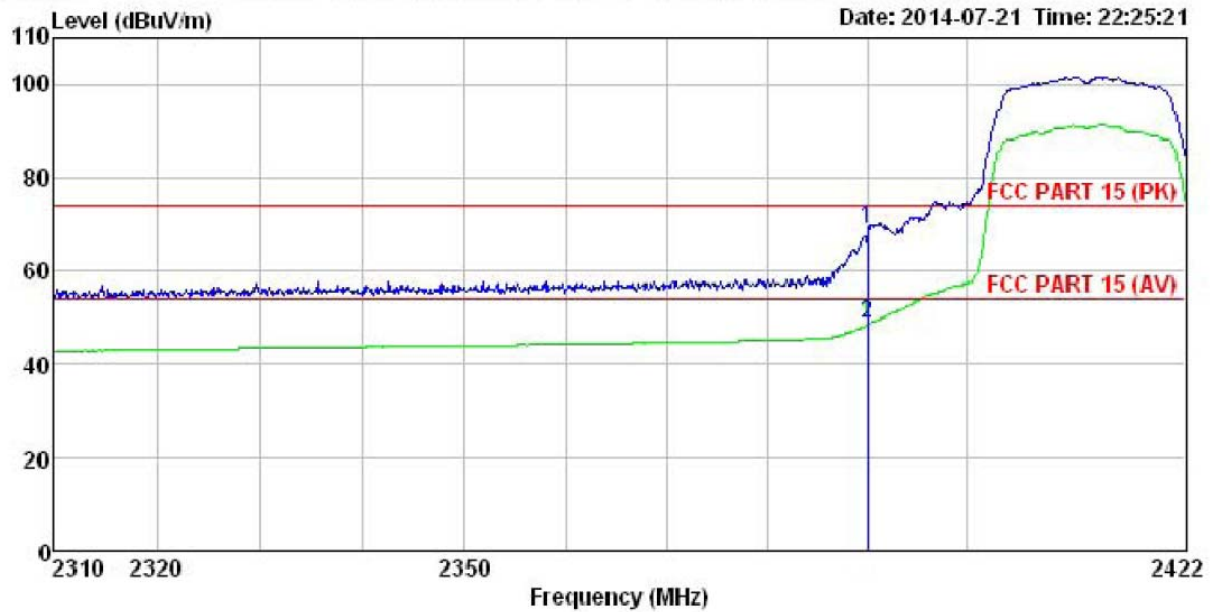
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|----------|---------------|-------------------|---------------|------------------|--------|---------------|---------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2390.000 | 32.60 | 31.24 | 5.67 | 0.00 | 69.51 | 74.00 | -4.49 | Peak |
| 2 | 2390.000 | 11.91 | 31.24 | 5.67 | 0.00 | 48.82 | 54.00 | -5.18 | Average |

Vertical:

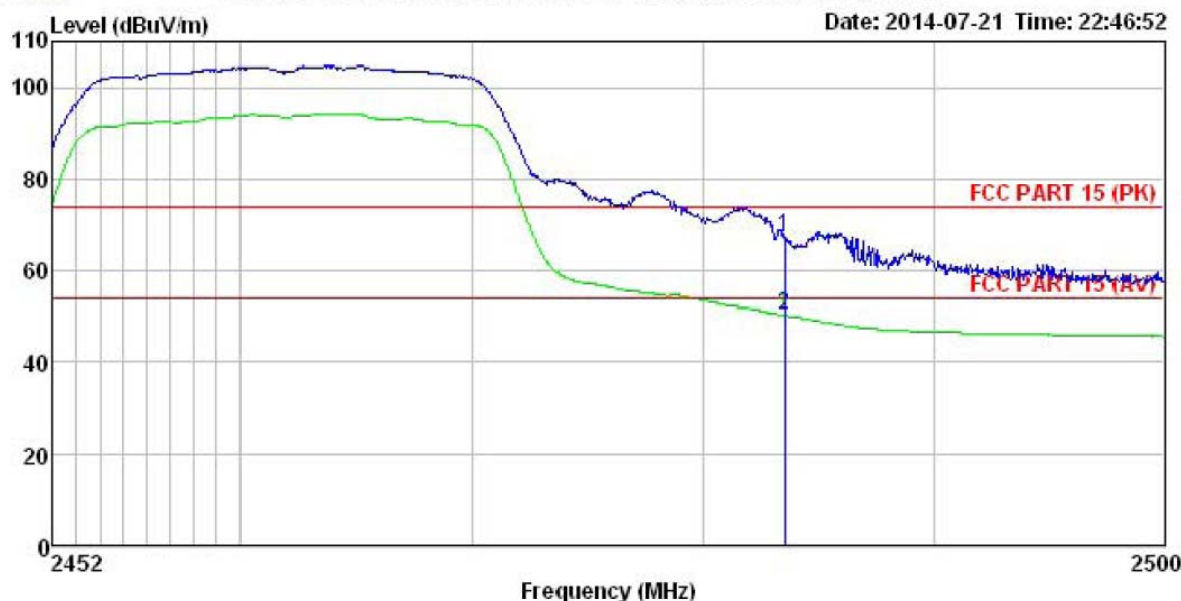


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | |
|---|----------|-------|---------|-------|--------|--------|--------|-------|---------|
| | MHz | Level | Factor | Loss | Factor | dBuV/m | dBuV/m | Limit | Remark |
| | | dBuV | dB/m | dB | dB | | | dB | |
| 1 | 2390.000 | 32.04 | 31.24 | 5.67 | 0.00 | 68.95 | 74.00 | -5.05 | Peak |
| 2 | 2390.000 | 11.73 | 31.24 | 5.67 | 0.00 | 48.64 | 54.00 | -5.36 | Average |

Test channel: Highest

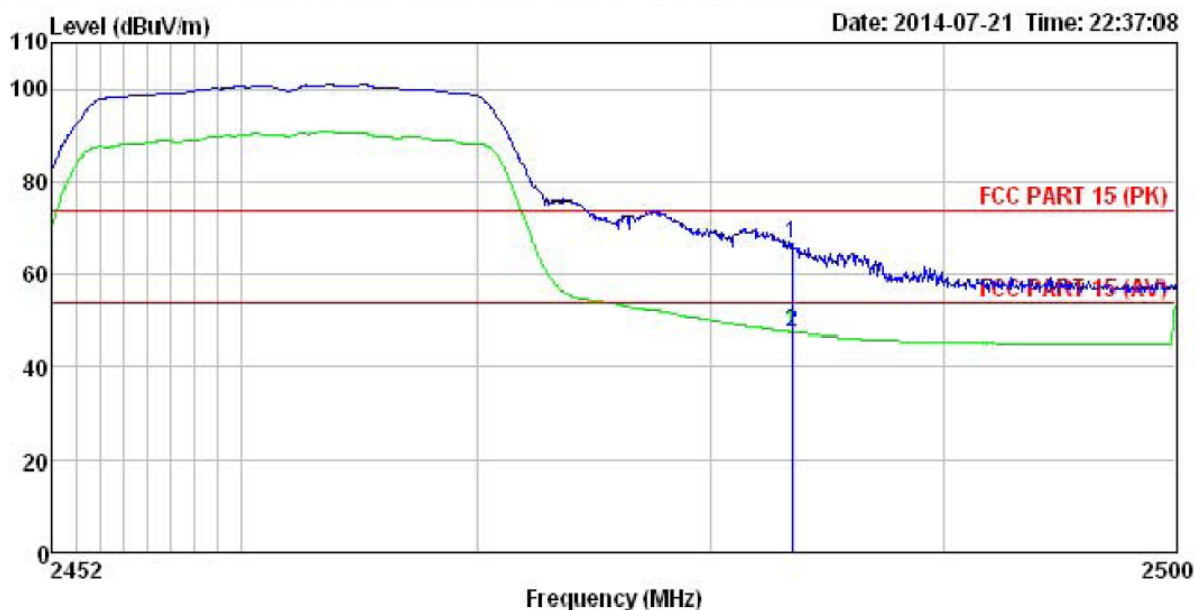
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read Level | Antenna Factor | Cable Loss | Preamplifier | Level | Limit | Over Limit | Remark |
|---|----------|------------|----------------|------------|--------------|--------|--------|------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | 30.02 | 31.55 | 5.70 | 0.00 | 67.27 | 74.00 | -6.73 | Peak |
| 2 | 2483.500 | 12.99 | 31.55 | 5.70 | 0.00 | 50.24 | 54.00 | -3.76 | Average |

Vertical:



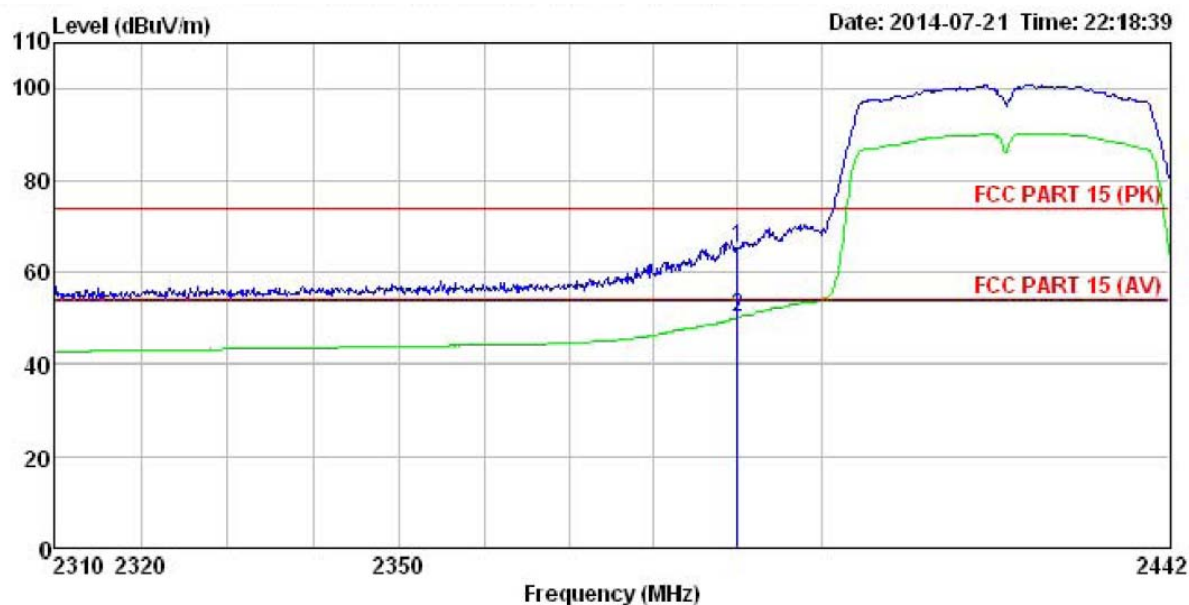
Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N20-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | ReadAntenna | Cable | Preamp | Level | Limit | Over | |
|---|----------|-------------|-------|--------|-------|--------|--------|---------------|
| | Level | Factor | Loss | Factor | Line | Limit | Remark | |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 2483.500 | 29.19 | 31.55 | 5.70 | 0.00 | 66.44 | 74.00 | -7.56 Peak |
| 2 | 2483.500 | 10.37 | 31.55 | 5.70 | 0.00 | 47.62 | 54.00 | -6.38 Average |

802.11n (H40)

Test channel: Lowest

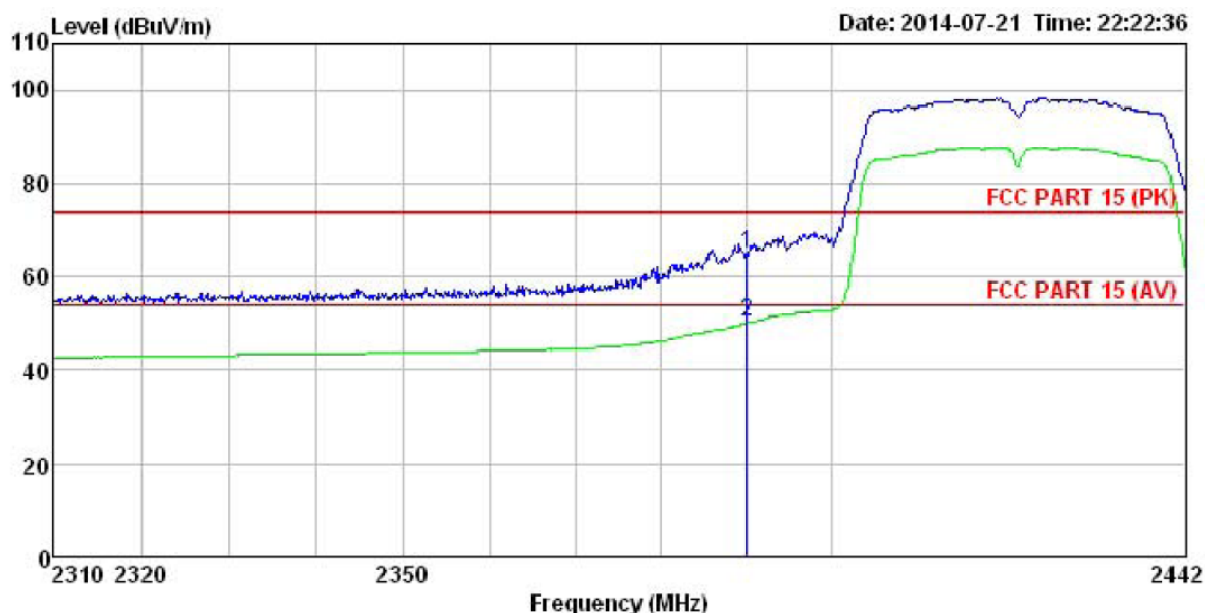
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-L mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit | Over Limit | Remark |
|---|----------|------------|----------------|------------|---------------|--------|--------|------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2390.000 | 28.43 | 31.24 | 5.67 | 0.00 | 65.34 | 74.00 | -8.66 | Peak |
| 2 | 2390.000 | 13.36 | 31.24 | 5.67 | 0.00 | 50.27 | 54.00 | -3.73 | Average |

Vertical:

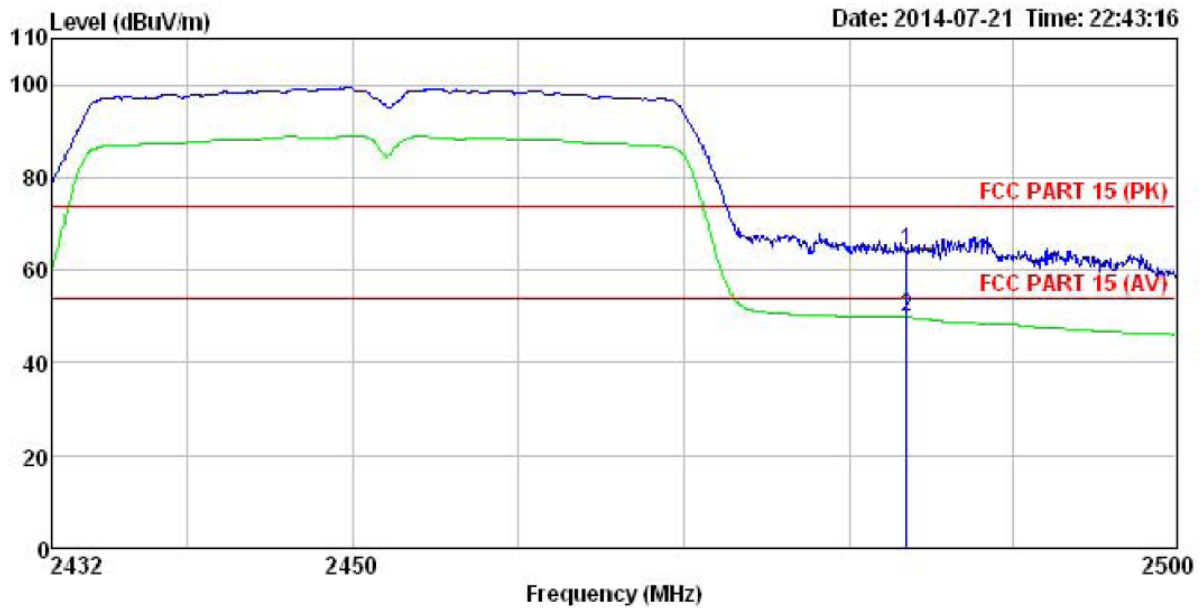


Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-L mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | ReadAntenna | Cable | Preamp | | Limit | Over | |
|---|----------|-------------|-------|--------|-------|--------|--------|---------------|
| | Level | Factor | Loss | Factor | Level | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 2390.000 | 27.89 | 31.24 | 5.67 | 0.00 | 64.80 | 74.00 | -9.20 Peak |
| 2 | 2390.000 | 13.23 | 31.24 | 5.67 | 0.00 | 50.14 | 54.00 | -3.86 Average |

Test channel: Highest

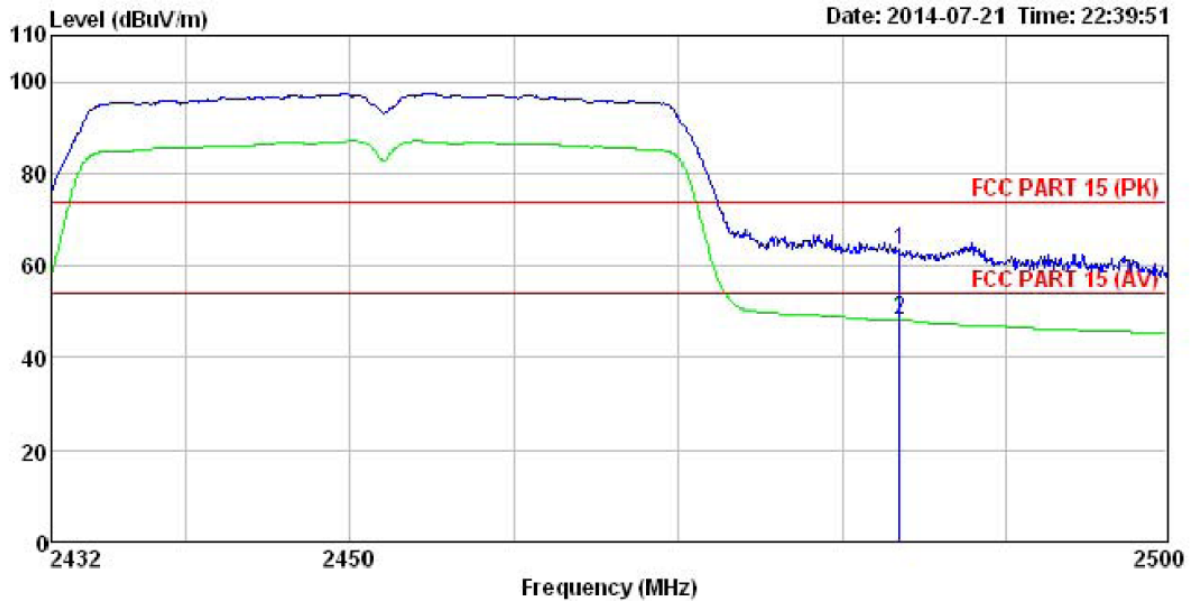
Horizontal:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | Read | Antenna | Cable | Preamp | Level | Limit | Over | |
|---|----------|-------|---------|-------|--------|--------|--------|-------|---------|
| | MHz | Level | Factor | Loss | Factor | dBuV/m | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | 26.83 | 31.55 | 5.70 | 0.00 | 64.08 | 74.00 | -9.92 | Peak |
| 2 | 2483.500 | 12.55 | 31.55 | 5.70 | 0.00 | 49.80 | 54.00 | -4.20 | Average |

Vertical:



Site : 3m chamber
 Condition : FCC PART 15 (PK) 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : N40-H mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

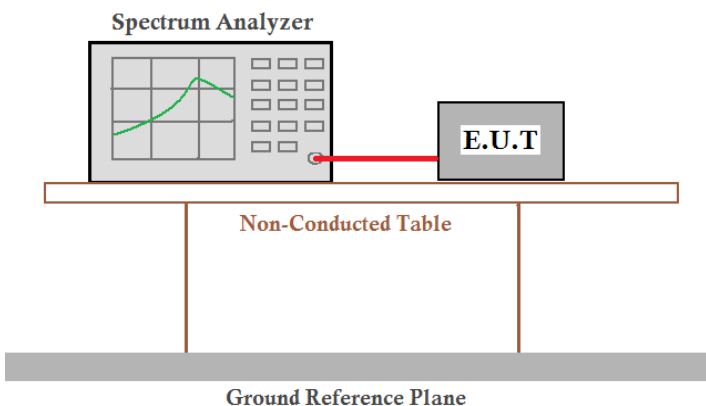
| | Freq | Read Level | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit Line | Over Limit | Remark |
|---|----------|------------|----------------|------------|---------------|--------|------------|------------|---------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 2483.500 | 26.12 | 31.55 | 5.70 | 0.00 | 63.37 | 74.00 | -10.63 | Peak |
| 2 | 2483.500 | 11.11 | 31.55 | 5.70 | 0.00 | 48.36 | 54.00 | -5.64 | Average |

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The emission levels of other frequencies are very lower than the limit and not show in test report.

6.7 Spurious Emission

6.7.1 Conducted Emission Method

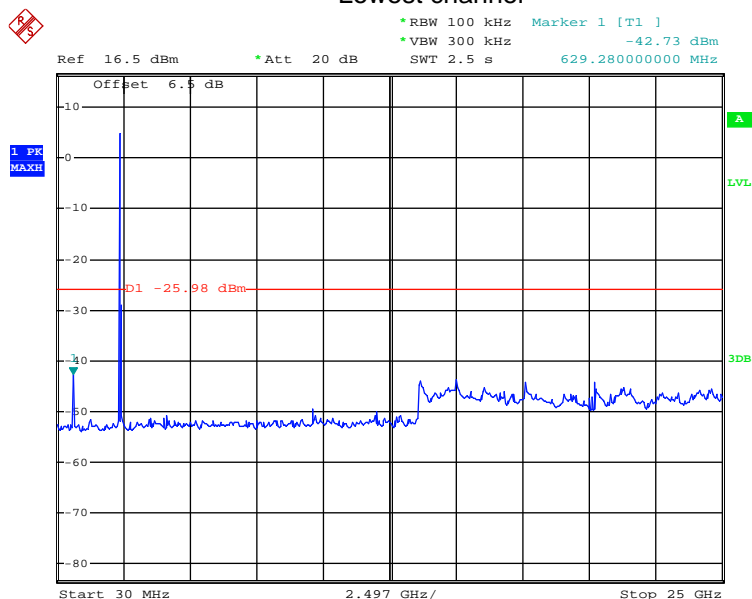
| | |
|-------------------|---|
| Test Requirement: | FCC Part15 C Section 15.247 (d) |
| Test Method: | ANSI C63.4:2003 and KDB558074 |
| Limit: | In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. |
| Test setup: |  <p>The diagram illustrates the test setup for conducted emission measurements. A Spectrum Analyzer is connected to an Equipment Under Test (E.U.T.) via a red cable. Both the Spectrum Analyzer and the E.U.T. are placed on a Non-Conducted Table. The table is supported by two vertical legs and sits on a Ground Reference Plane.</p> |
| Test Instruments: | Refer to section 5.6 for details |
| Test mode: | Refer to section 5.3 for details |
| Test results: | Passed |

Test plot as follows:

Test mode:

802.11b

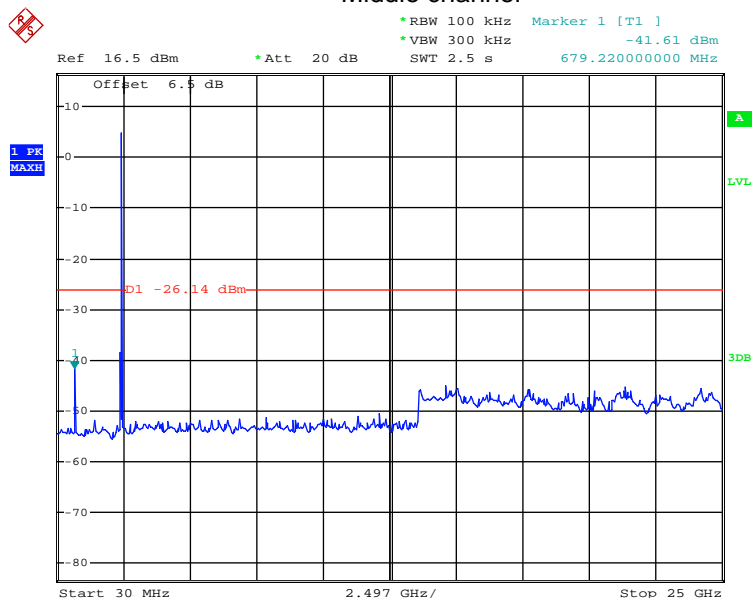
Lowest channel



Date: 22.JUN.2014 00:22:35

30MHz~25GHz

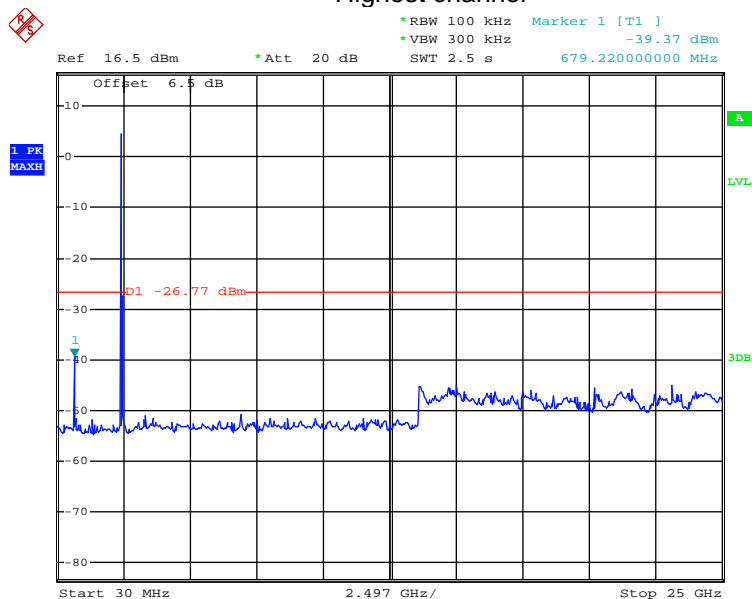
Middle channel



Date: 22.JUN.2014 00:23:06

30MHz~25GHz

Highest channel



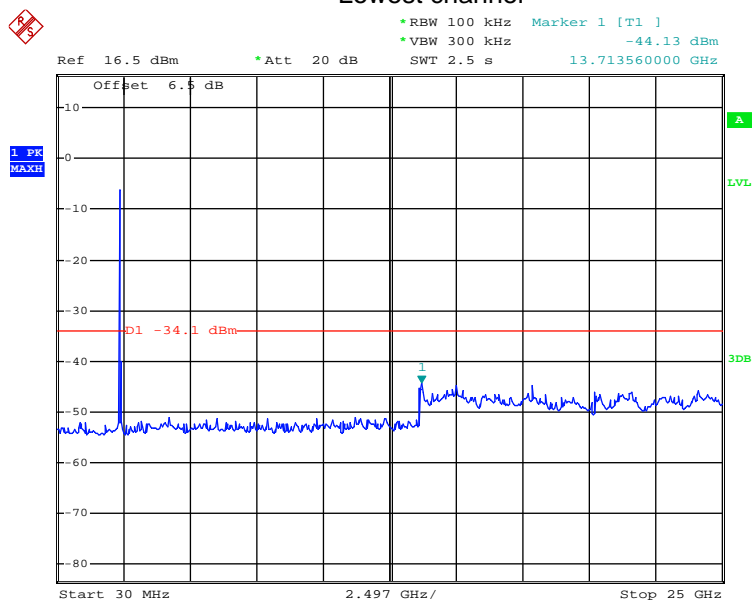
Date: 22.JUN.2014 00:23:27

30MHz~25GHz

Test mode:

802.11g

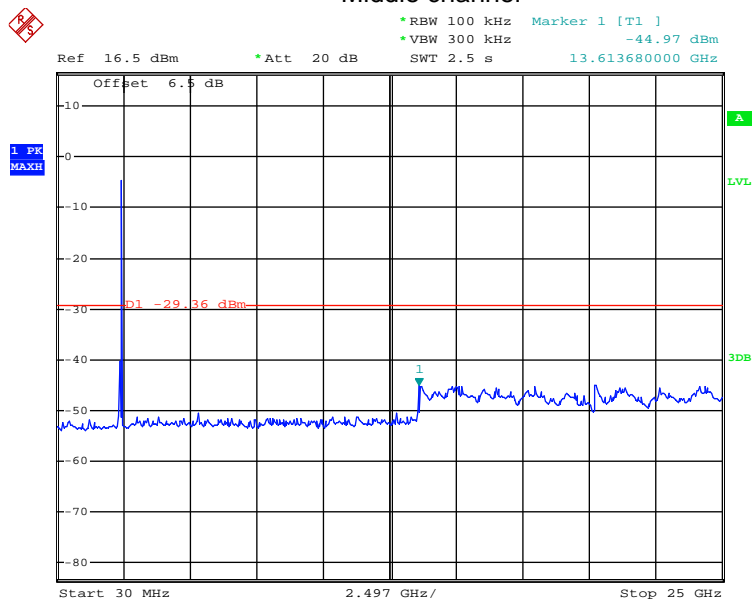
Lowest channel



Date: 22.JUN.2014 00:24:17

30MHz~25GHz

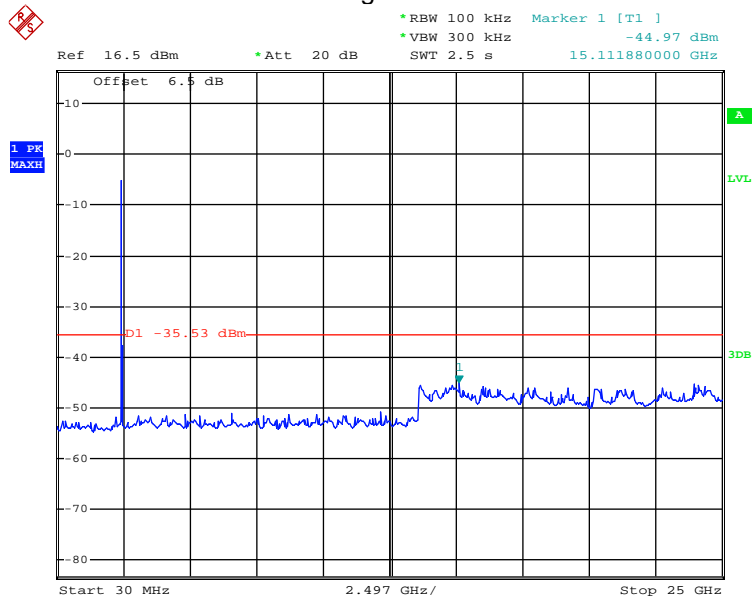
Middle channel



Date: 30.JUL.2014 17:28:00

30MHz~25GHz

Highest channel



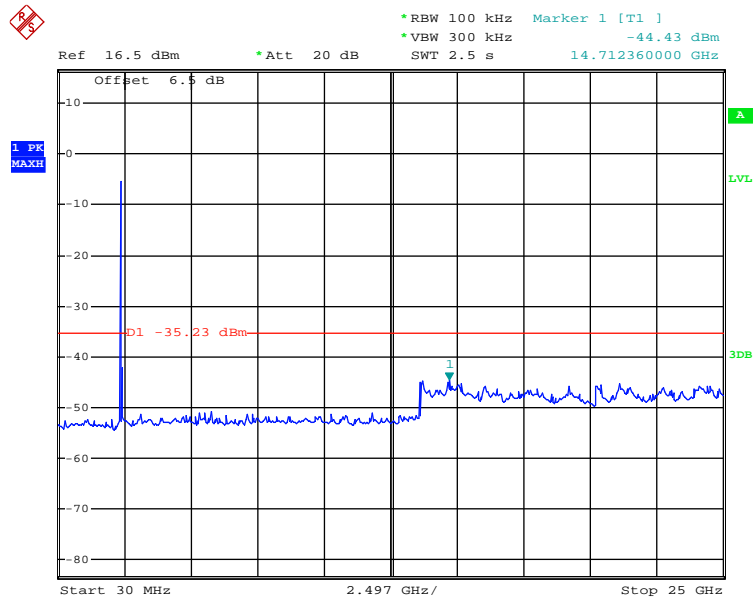
Date: 22.JUN.2014 00:25:16

30MHz~25GHz

Test mode:

802.11n(H20)

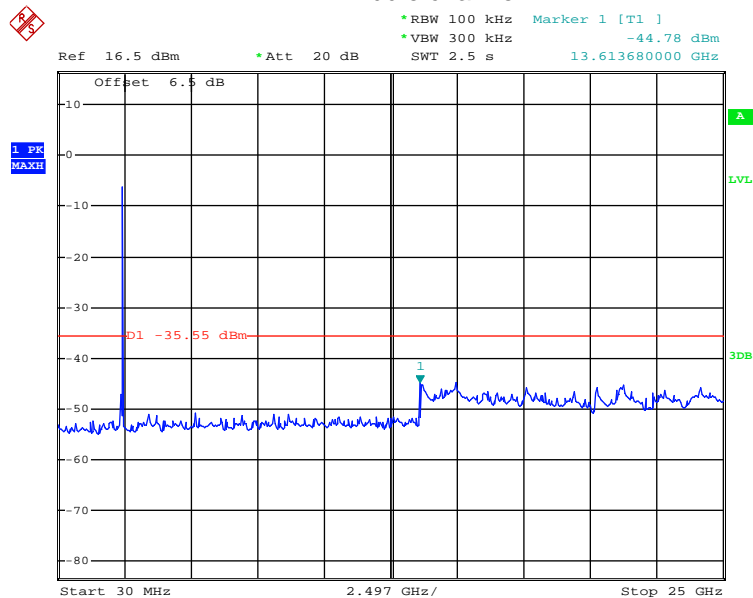
Lowest channel



Date: 22.JUN.2014 00:26:14

30MHz~25GHz

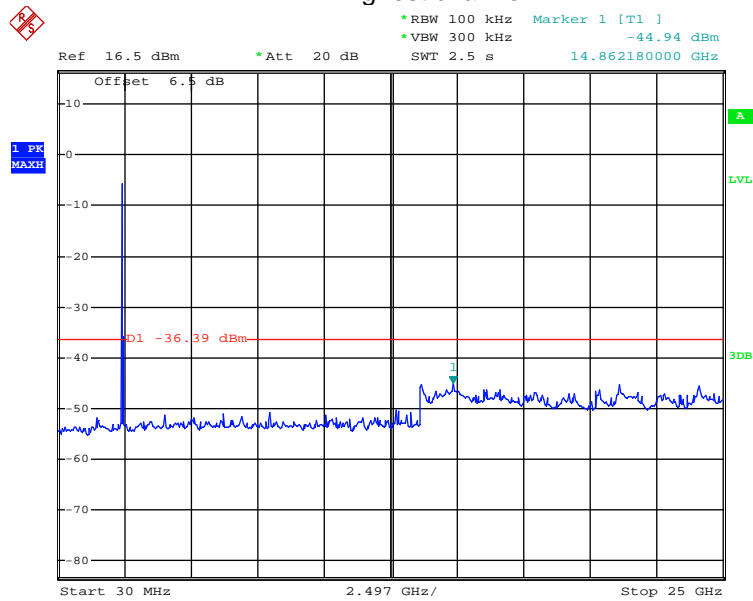
Middle channel



Date: 22.JUN.2014 00:26:39

30MHz~25GHz

Highest channel



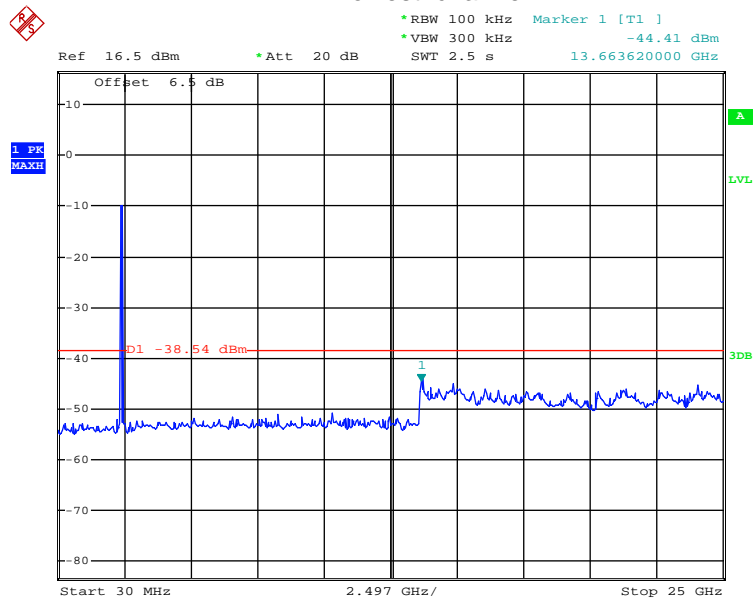
Date: 22.JUN.2014 00:27:02

30MHz~25GHz

Test mode:

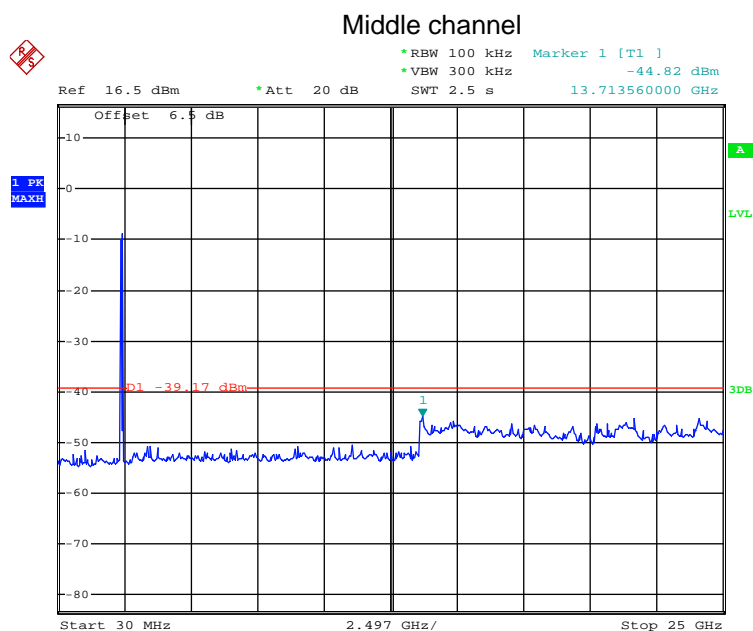
802.11n(H40)

Lowest channel



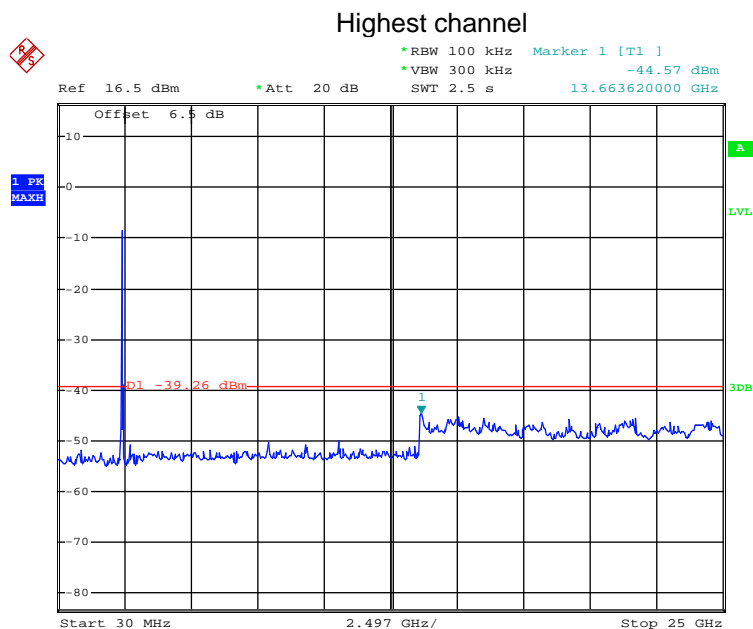
Date: 22.JUN.2014 00:27:36

30MHz~25GHz



Date: 22.JUN.2014 00:28:10

30MHz~25GHz

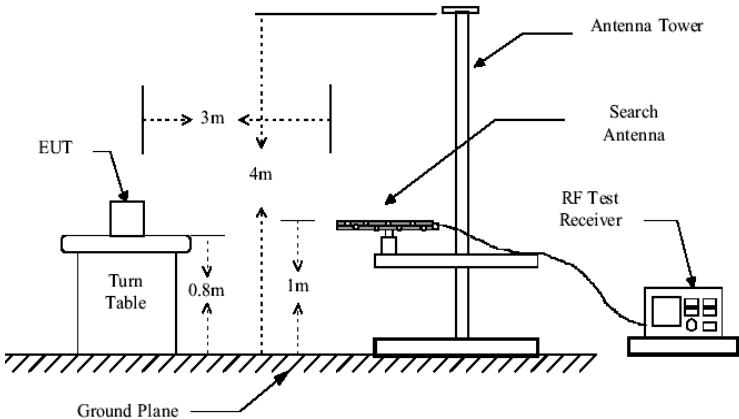
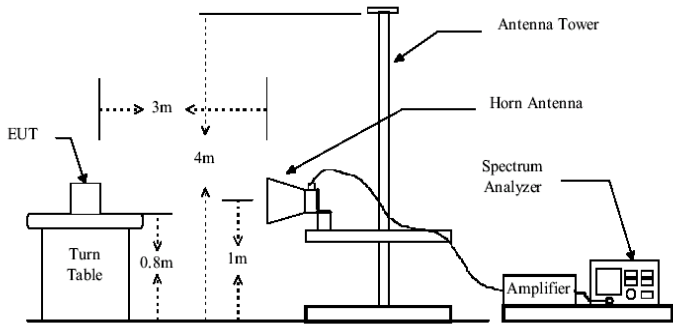


Date: 22.JUN.2014 00:28:43

30MHz~25GHz

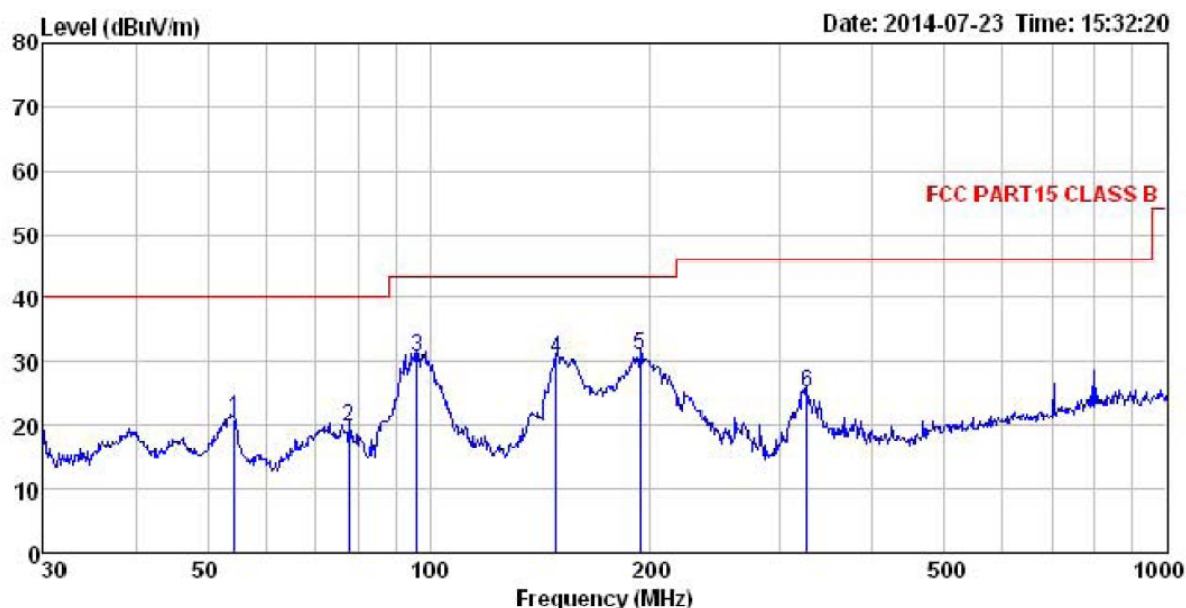
6.7.2 Radiated Emission Method

| | | | | | |
|-----------------------|--|------------|--------------------|--------|------------------|
| Test Requirement: | FCC Part15 C Section 15.209 and 15.205 | | | | |
| Test Method: | ANSI C63.4:2003 | | | | |
| Test Frequency Range: | 9KHz to 25GHz | | | | |
| Test site: | Measurement Distance: 3m | | | | |
| Receiver setup: | Frequency | Detector | RBW | VBW | Remark |
| | 30MHz-1GHz | Quasi-peak | 120KHz | 300KHz | Quasi-peak Value |
| | Above 1GHz | Peak | 1MHz | 3MHz | Peak Value |
| | | Peak | 1MHz | 10Hz | Average Value |
| Limit: | Frequency | | Limit (dBuV/m @3m) | | Remark |
| | 30MHz-88MHz | | 40.0 | | Quasi-peak Value |
| | 88MHz-216MHz | | 43.5 | | Quasi-peak Value |
| | 216MHz-960MHz | | 46.0 | | Quasi-peak Value |
| | 960MHz-1GHz | | 54.0 | | Quasi-peak Value |
| | Above 1GHz | | 54.0 | | Average Value |
| | | | 74.0 | | Peak Value |
| Test Procedure: | <div>1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter camber. The table was rotated 360 degrees to determine the position of the highest radiation.</div> <div>2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</div> <div>3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.</div> <div>4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rota table was turned from 0 degrees to 360 degrees to find the maximum reading.</div> <div>5. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</div> <div>6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.</div> | | | | |

| | |
|--------------------------|---|
| <p>Test setup:</p> | <p>Below 1GHz</p>  <p>Above 1GHz</p>  |
| <p>Test Instruments:</p> | <p>Refer to section 5.6for details</p> |
| <p>Test mode:</p> | <p>Refer to section 5.3 for details</p> |
| <p>Test results:</p> | <p>Passed</p> |
| <p>Remark:</p> | <ol style="list-style-type: none"> 1. Pre-scan all kind of the place mode (X-axis, Y-axis, Z-axis), and found the Y-axis is the worst case. 2. 9 kHz to 30MHz is too low, so only shows the data of above 30MHz in this report. |

Below 1GHz

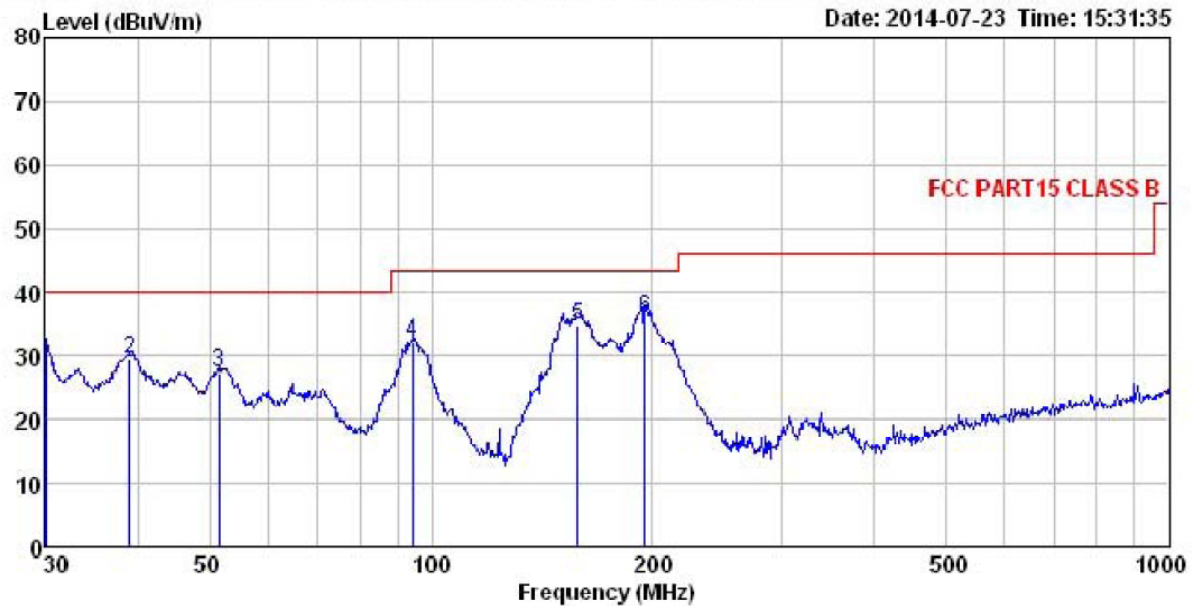
Horizontal :



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M1G) HORIZONTAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : WIFI mode
 Power Rating : 120W/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | ReadLevel | Antenna Factor | Cable Loss | Preamp Factor | Level | Limit | Over Limit | Remark |
|---|---------|-----------|----------------|------------|---------------|--------|--------|------------|--------|
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB | |
| 1 | 54.452 | 37.04 | 13.07 | 0.65 | 29.80 | 20.96 | 40.00 | -19.04 | QP |
| 2 | 77.865 | 40.31 | 8.26 | 0.84 | 29.66 | 19.75 | 40.00 | -20.25 | QP |
| 3 | 96.436 | 46.44 | 12.94 | 0.94 | 29.54 | 30.78 | 43.50 | -12.72 | QP |
| 4 | 148.963 | 50.03 | 8.26 | 1.31 | 29.23 | 30.37 | 43.50 | -13.13 | QP |
| 5 | 193.095 | 47.93 | 10.56 | 1.37 | 28.88 | 30.98 | 43.50 | -12.52 | QP |
| 6 | 325.596 | 38.18 | 13.59 | 1.86 | 28.51 | 25.12 | 46.00 | -20.88 | QP |

Vertical :



Site : 3m chamber
 Condition : FCC PART15 CLASS B 3m VULB9163(30M1G) VERTICAL
 Pro : 521RF
 EUT : Smartphone
 Model : MIGHTY
 Test mode : WIFI mode
 Power Rating : 120V/60Hz
 Environment : Temp:25.5°C Humi:55%
 Test Engineer: Carey
 REMARK :

| | Freq | ReadAntenna | Cable Preamp | | Limit | Over | | |
|---|---------|-------------|--------------|-------------|-------|--------|--------|-----------|
| | | Level | Factor | Loss Factor | Level | Line | Limit | Remark |
| | MHz | dBuV | dB/m | dB | dB | dBuV/m | dBuV/m | dB |
| 1 | 30.000 | 49.10 | 12.33 | 0.43 | 29.98 | 31.88 | 40.00 | -8.12 QP |
| 2 | 39.024 | 45.64 | 13.34 | 0.51 | 29.91 | 29.58 | 40.00 | -10.42 QP |
| 3 | 51.481 | 43.37 | 13.19 | 0.62 | 29.81 | 27.37 | 40.00 | -12.63 QP |
| 4 | 94.428 | 48.04 | 12.75 | 0.93 | 29.55 | 32.17 | 43.50 | -11.33 QP |
| 5 | 158.112 | 54.06 | 8.58 | 1.33 | 29.15 | 34.82 | 43.50 | -8.68 QP |
| 6 | 195.137 | 53.07 | 10.57 | 1.37 | 28.86 | 36.15 | 43.50 | -7.35 QP |

Above 1GHz

| Test mode: | | 802.11b | | Test channel: | | Lowest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 46.47 | 31.53 | 8.90 | 40.24 | 46.66 | 74.00 | -27.34 | Vertical | | | |
| 4824.00 | 46.91 | 31.53 | 8.90 | 40.24 | 47.10 | 74.00 | -26.90 | Horizontal | | | |

| Test mode: | | 802.11b | | Test channel: | | Lowest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 36.66 | 31.53 | 8.90 | 40.24 | 36.85 | 54.00 | -17.15 | Vertical | | | |
| 4824.00 | 36.18 | 31.53 | 8.90 | 40.24 | 36.37 | 54.00 | -17.63 | Horizontal | | | |

| Test mode: | | 802.11b | | Test channel: | | Middle | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 44.77 | 31.58 | 8.98 | 40.15 | 45.18 | 74.00 | -28.82 | Vertical | | | |
| 4874.00 | 46.17 | 31.58 | 8.98 | 40.15 | 46.58 | 74.00 | -27.42 | Horizontal | | | |

| Test mode: | | 802.11b | | Test channel: | | Middle | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 34.36 | 31.58 | 8.98 | 40.15 | 34.77 | 54.00 | -19.23 | Vertical | | | |
| 4874.00 | 36.65 | 31.58 | 8.98 | 40.15 | 37.06 | 54.00 | -16.94 | Horizontal | | | |

| Test mode: | | 802.11b | | Test channel: | | Highest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 45.99 | 31.69 | 9.08 | 40.03 | 46.73 | 74.00 | -27.27 | Vertical | | | |
| 4924.00 | 45.56 | 31.69 | 9.08 | 40.03 | 46.30 | 74.00 | -27.70 | Horizontal | | | |

| Test mode: | | 802.11b | | Test channel: | | Highest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 35.67 | 31.69 | 9.08 | 40.03 | 36.41 | 54.00 | -17.59 | Vertical | | | |
| 4924.00 | 35.92 | 31.69 | 9.08 | 40.03 | 36.66 | 54.00 | -17.34 | Horizontal | | | |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. “*”, means this data is too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Test mode: | | 802.11g | | Test channel: | | Lowest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 45.56 | 31.53 | 8.90 | 40.24 | 45.75 | 74.00 | -28.25 | Vertical | | | |
| 4824.00 | 45.65 | 31.53 | 8.90 | 40.24 | 45.84 | 74.00 | -28.16 | Horizontal | | | |

| Test mode: | | 802.11g | | Test channel: | | Lowest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 35.38 | 31.53 | 8.90 | 40.24 | 35.57 | 54.00 | -18.43 | Vertical | | | |
| 4824.00 | 35.85 | 31.53 | 8.90 | 40.24 | 36.04 | 54.00 | -17.96 | Horizontal | | | |

| Test mode: | | 802.11g | | Test channel: | | Middle | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 45.97 | 31.58 | 8.98 | 40.15 | 46.38 | 74.00 | -27.62 | Vertical | | | |
| 4874.00 | 46.76 | 31.58 | 8.98 | 40.15 | 47.17 | 74.00 | -26.83 | Horizontal | | | |

| Test mode: | | 802.11g | | Test channel: | | Middle | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 35.03 | 31.58 | 8.98 | 40.15 | 35.44 | 54.00 | -18.56 | Vertical | | | |
| 4874.00 | 36.79 | 31.58 | 8.98 | 40.15 | 37.20 | 54.00 | -16.80 | Horizontal | | | |

| Test mode: | | 802.11g | | Test channel: | | Highest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 45.79 | 31.69 | 9.08 | 40.03 | 46.53 | 74.00 | -27.47 | Vertical | | | |
| 4924.00 | 46.21 | 31.69 | 9.08 | 40.03 | 46.95 | 74.00 | -27.05 | Horizontal | | | |

| Test mode: | | 802.11g | | Test channel: | | Highest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 35.07 | 31.69 | 9.08 | 40.03 | 35.81 | 54.00 | -18.19 | Vertical | | | |
| 4924.00 | 35.91 | 31.69 | 9.08 | 40.03 | 36.65 | 54.00 | -17.35 | Horizontal | | | |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor
2. “**”, means this data is too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Test mode: | | 802.11(n20) | | Test channel: | | Lowest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 45.68 | 31.53 | 8.90 | 40.24 | 45.87 | 74.00 | -28.13 | Vertical | | | |
| 4824.00 | 46.87 | 31.53 | 8.90 | 40.24 | 47.06 | 74.00 | -26.94 | Horizontal | | | |

| Test mode: | | 802.11(n20) | | Test channel: | | Lowest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4824.00 | 35.89 | 31.53 | 8.90 | 40.24 | 36.08 | 54.00 | -17.92 | Vertical | | | |
| 4824.00 | 36.51 | 31.53 | 8.90 | 40.24 | 36.70 | 54.00 | -17.30 | Horizontal | | | |

| Test mode: | | 802.11(n20) | | Test channel: | | Middle | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 45.03 | 31.58 | 8.98 | 40.15 | 45.44 | 74.00 | -28.56 | Vertical | | | |
| 4874.00 | 46.21 | 31.58 | 8.98 | 40.15 | 46.62 | 74.00 | -27.38 | Horizontal | | | |

| Test mode: | | 802.11(n20) | | Test channel: | | Middle | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 35.74 | 31.58 | 8.98 | 40.15 | 36.15 | 54.00 | -17.85 | Vertical | | | |
| 4874.00 | 36.37 | 31.58 | 8.98 | 40.15 | 36.78 | 54.00 | -17.22 | Horizontal | | | |

| Test mode: | | 802.11(n20) | | Test channel: | | Highest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 46.58 | 31.69 | 9.08 | 40.03 | 47.32 | 74.00 | -26.68 | Vertical | | | |
| 4924.00 | 46.72 | 31.69 | 9.08 | 40.03 | 47.46 | 74.00 | -26.54 | Horizontal | | | |

| Test mode: | | 802.11(n20) | | Test channel: | | Highest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4924.00 | 36.13 | 31.69 | 9.08 | 40.03 | 36.87 | 54.00 | -17.13 | Vertical | | | |
| 4924.00 | 35.83 | 31.69 | 9.08 | 40.03 | 36.57 | 54.00 | -17.43 | Horizontal | | | |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor
2. “**”, means this data is too weak, instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

| Test mode: | | 802.11(n40) | | Test channel: | | Lowest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4844.00 | 45.55 | 31.53 | 8.90 | 40.24 | 45.74 | 74.00 | -28.26 | Vertical | | | |
| 4844.00 | 48.12 | 31.53 | 8.90 | 40.24 | 48.31 | 74.00 | -25.69 | Horizontal | | | |

| Test mode: | | 802.11(n40) | | Test channel: | | Lowest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4844.00 | 35.36 | 31.53 | 8.90 | 40.24 | 35.55 | 54.00 | -18.45 | Vertical | | | |
| 4844.00 | 35.15 | 31.53 | 8.90 | 40.24 | 35.34 | 54.00 | -18.66 | Horizontal | | | |

| Test mode: | | 802.11(n40) | | Test channel: | | Middle | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 46.32 | 31.58 | 8.98 | 40.15 | 46.73 | 74.00 | -27.27 | Vertical | | | |
| 4874.00 | 46.71 | 31.58 | 8.98 | 40.15 | 47.12 | 74.00 | -26.88 | Horizontal | | | |

| Test mode: | | 802.11(n40) | | Test channel: | | Middle | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4874.00 | 36.17 | 31.58 | 8.98 | 40.15 | 36.58 | 54.00 | -17.42 | Vertical | | | |
| 4874.00 | 35.85 | 31.58 | 8.98 | 40.15 | 36.26 | 54.00 | -17.74 | Horizontal | | | |

| Test mode: | | 802.11(n40) | | Test channel: | | Highest | | Remark: | | Peak | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4904.00 | 45.12 | 31.69 | 9.08 | 40.03 | 45.86 | 74.00 | -28.14 | Vertical | | | |
| 4904.00 | 45.68 | 31.69 | 9.08 | 40.03 | 46.42 | 74.00 | -27.58 | Horizontal | | | |

| Test mode: | | 802.11(n40) | | Test channel: | | Highest | | Remark: | | Average | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-----------------|------------|--|---------|--|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Over Limit (dB) | Pol. | | | |
| 4904.00 | 36.45 | 31.69 | 9.08 | 40.03 | 37.19 | 54.00 | -16.81 | Vertical | | | |
| 4904.00 | 36.54 | 31.69 | 9.08 | 40.03 | 37.28 | 54.00 | -16.72 | Horizontal | | | |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Pre-amplifier Factor
2. “**”, means this data is too weak instrument of signal is unable to test.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.