

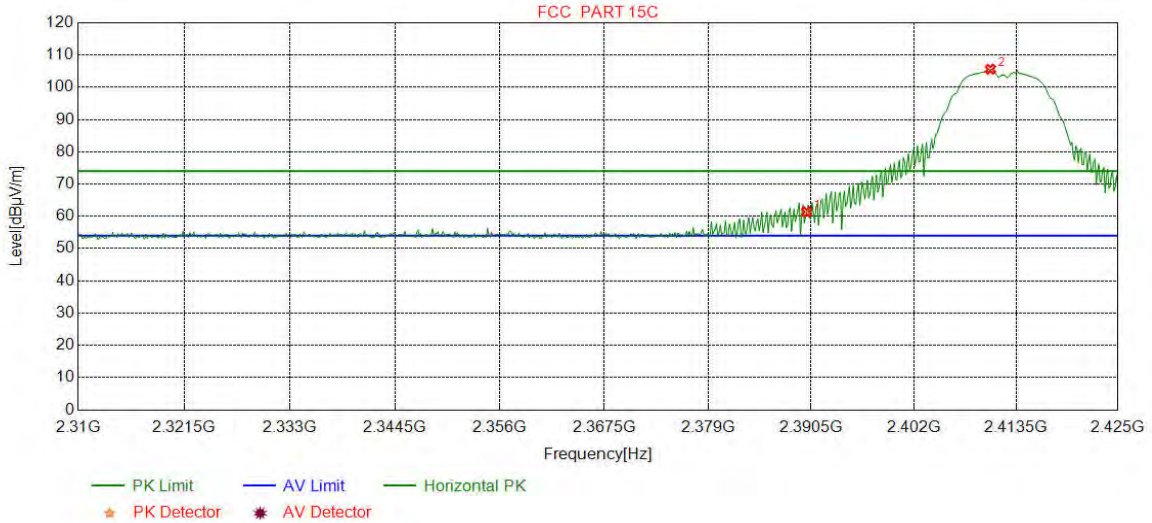
**Appendix H): Restricted bands around fundamental frequency (Radiated)**

| Receiver Setup: | <table border="1"> <thead> <tr> <th>Frequency</th> <th>Detector</th> <th>RBW</th> <th>VBW</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>30MHz-1GHz</td> <td>Quasi-peak</td> <td>120kHz</td> <td>300kHz</td> <td>Quasi-peak</td> </tr> <tr> <td rowspan="2">Above 1GHz</td> <td>Peak</td> <td>1MHz</td> <td>3MHz</td> <td>Peak</td> </tr> <tr> <td>Peak</td> <td>1MHz</td> <td>10Hz</td> <td>Average</td> </tr> </tbody> </table>   | Frequency        | Detector                 | RBW        | VBW         | Remark | 30MHz-1GHz       | Quasi-peak   | 120kHz | 300kHz           | Quasi-peak    | Above 1GHz | Peak             | 1MHz        | 3MHz | Peak             | Peak       | 1MHz | 10Hz          | Average |            |
|-----------------|---|------------------|--------------------------|------------|-------------|--------|------------------|--------------|--------|------------------|---------------|------------|------------------|-------------|------|------------------|------------|------|---------------|---------|------------|
| Frequency       | Detector  | RBW              | VBW                      | Remark     |             |        |                  |              |        |                  |               |            |                  |             |      |                  |            |      |               |         |            |
| 30MHz-1GHz      | Quasi-peak  | 120kHz           | 300kHz                   | Quasi-peak |             |        |                  |              |        |                  |               |            |                  |             |      |                  |            |      |               |         |            |
| Above 1GHz      | Peak  | 1MHz             | 3MHz                     | Peak       |             |        |                  |              |        |                  |               |            |                  |             |      |                  |            |      |               |         |            |
|                 | Peak  | 1MHz             | 10Hz                     | Average    |             |        |                  |              |        |                  |               |            |                  |             |      |                  |            |      |               |         |            |
| Test Procedure: | <p><b>Below 1GHz test procedure as below:</b></p> <ol style="list-style-type: none"> <li>The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>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.</li> <li>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 rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel</li> </ol> <p><b>Above 1GHz test procedure as below:</b></p> <ol style="list-style-type: none"> <li>Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber change form table 0.8 meter to 1.5 meter( Above 18GHz the distance is 1 meter and table is 1.5 meter).</li> <li>Test the EUT in the lowest channel , the Highest channel</li> <li>The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.</li> <li>Repeat above procedures until all frequencies measured was complete.</li> </ol> |                  |                          |            |             |        |                  |              |        |                  |               |            |                  |             |      |                  |            |      |               |         |            |
| Limit:          | <table border="1"> <thead> <tr> <th>Frequency</th> <th>Limit (dB<math>\mu</math>V/m @3m)</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>30MHz-88MHz</td> <td>40.0</td> <td>Quasi-peak Value</td> </tr> <tr> <td>88MHz-216MHz</td> <td>43.5</td> <td>Quasi-peak Value</td> </tr> <tr> <td>216MHz-960MHz</td> <td>46.0</td> <td>Quasi-peak Value</td> </tr> <tr> <td>960MHz-1GHz</td> <td>54.0</td> <td>Quasi-peak Value</td> </tr> <tr> <td rowspan="2">Above 1GHz</td> <td>54.0</td> <td>Average Value</td> </tr> <tr> <td>74.0</td> <td>Peak Value</td> </tr> </tbody> </table>  | Frequency        | Limit (dB $\mu$ V/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 |
| Frequency       | Limit (dB $\mu$ V/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 plot as follows:**

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                         |          |      |

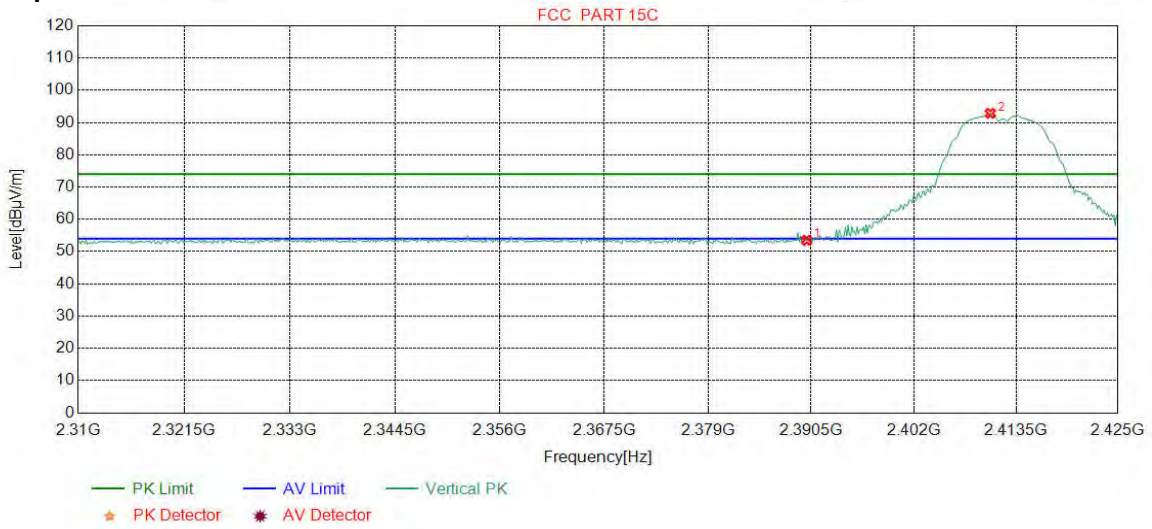
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 58.20          | 61.38          | 74.00          | 12.62       | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 102.43         | 105.62         | 74.00          | -31.62      | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                         |          |      |

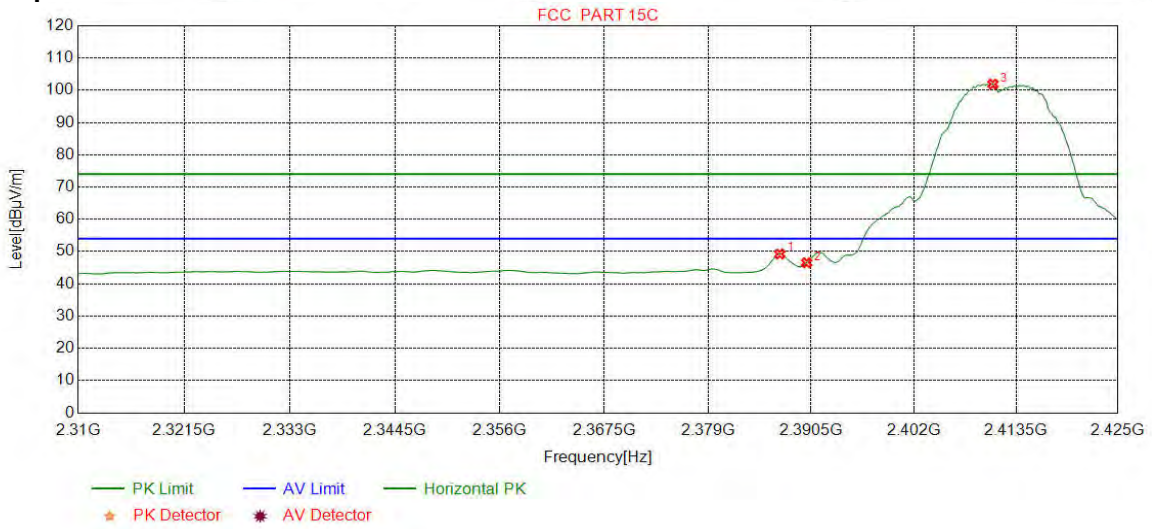
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 50.33          | 53.51          | 74.00          | 20.49       | Pass   | Vertical |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 89.68          | 92.87          | 74.00          | -18.87      | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                         |          |      |

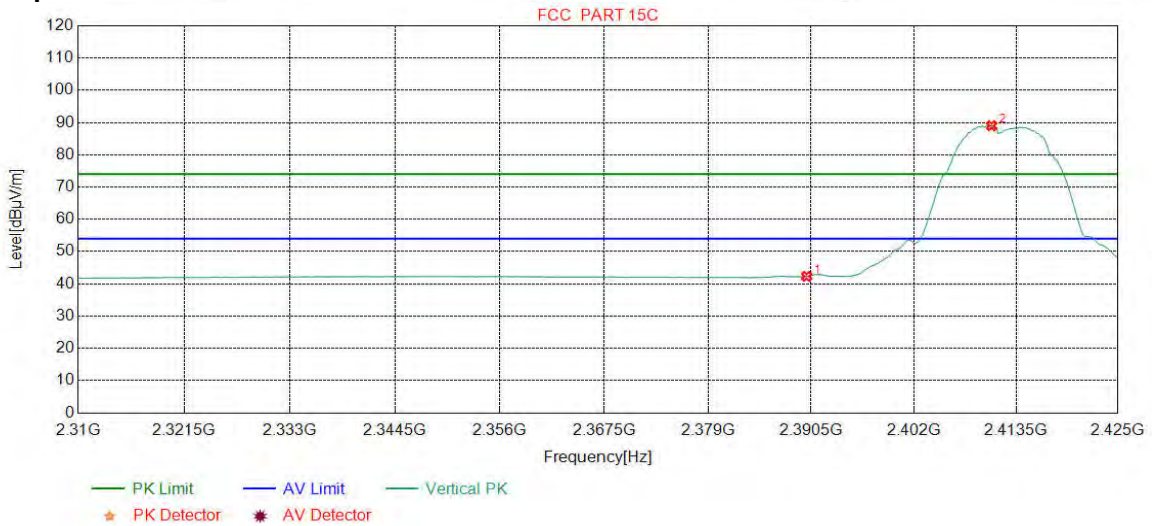
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2387.0025   | 32.24           | 13.40           | -42.44          | 46.07          | 49.27          | 54.00          | 4.73        | Pass   | Horizontal |
| 2  | 2390.0000   | 32.25           | 13.37           | -42.44          | 43.36          | 46.54          | 54.00          | 7.46        | Pass   | Horizontal |
| 3  | 2410.8949   | 32.28           | 13.35           | -42.43          | 98.72          | 101.92         | 54.00          | -47.92      | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                         |          |      |

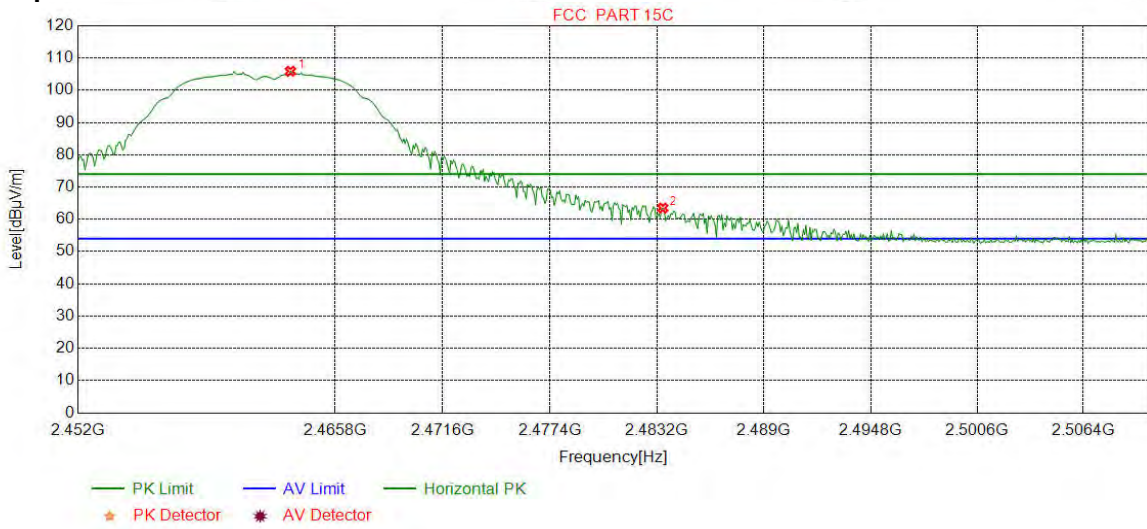
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.14          | 42.32          | 54.00          | 11.68       | Pass   | Vertical |
| 2  | 2410.7509   | 32.28           | 13.35           | -42.43          | 85.82          | 89.02          | 54.00          | -35.02      | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                         |          |      |

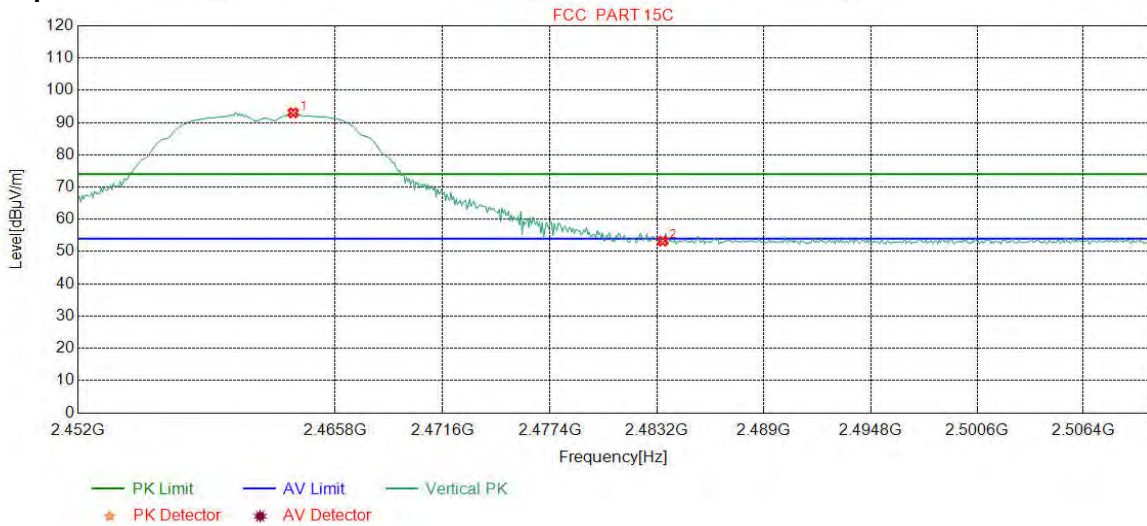
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2463.3967   | 32.35           | 13.47           | -42.41          | 102.48         | 105.89         | 74.00          | -31.89      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 60.15          | 63.51          | 74.00          | 10.49       | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                         |          |      |

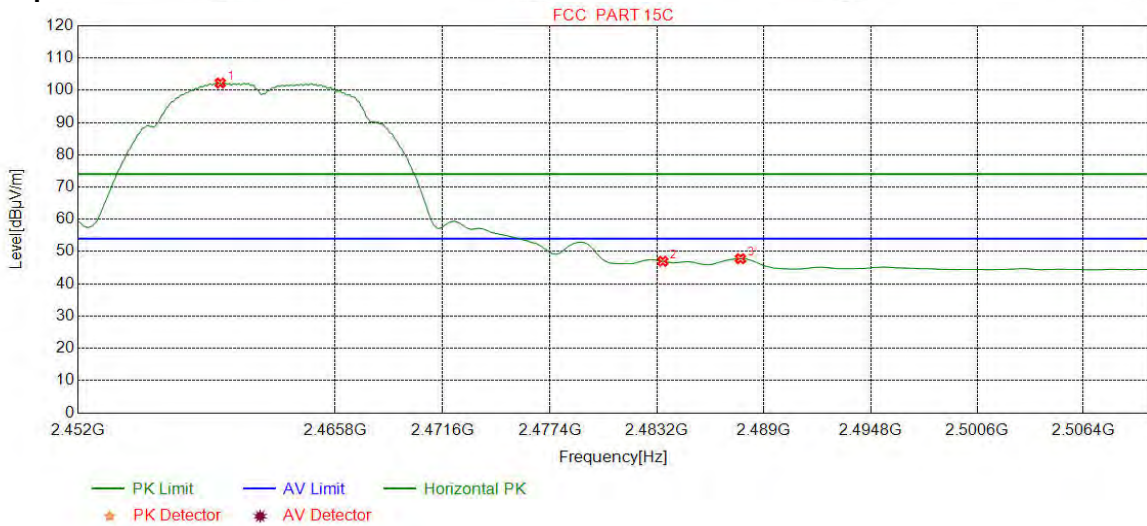
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.5419   | 32.35           | 13.47           | -42.41          | 89.60          | 93.01          | 74.00          | -19.01      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 49.90          | 53.26          | 74.00          | 20.74       | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                         |          |      |

**Test Graph**

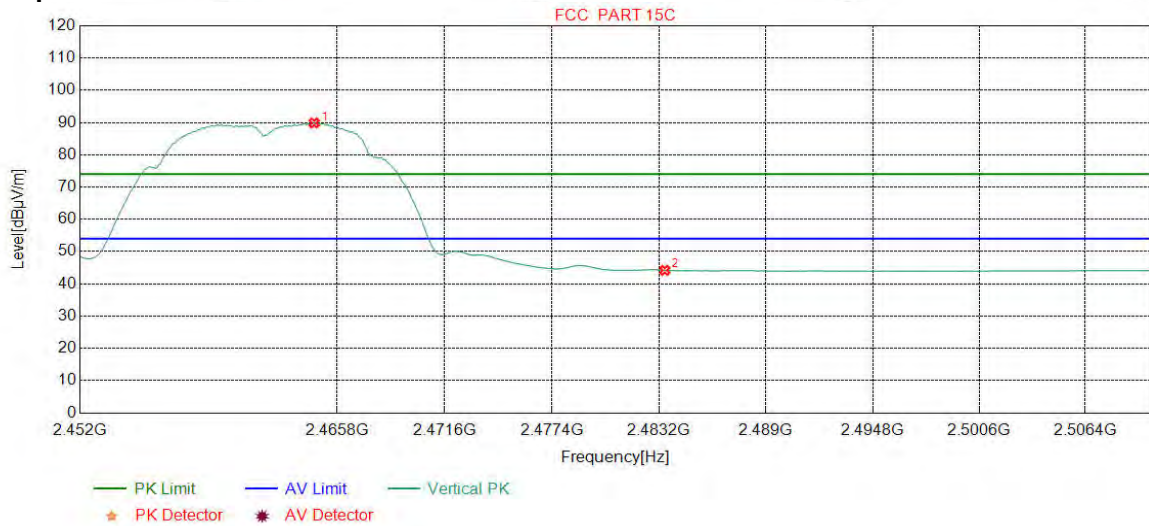


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2459.6220   | 32.34           | 13.49           | -42.41          | 98.83          | 102.25         | 54.00          | -48.25      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 43.63          | 46.99          | 54.00          | 7.01        | Pass   | Horizontal |
| 3  | 2487.7146   | 32.38           | 13.36           | -42.40          | 44.46          | 47.80          | 54.00          | 6.20        | Pass   | Horizontal |



|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                         |          |      |

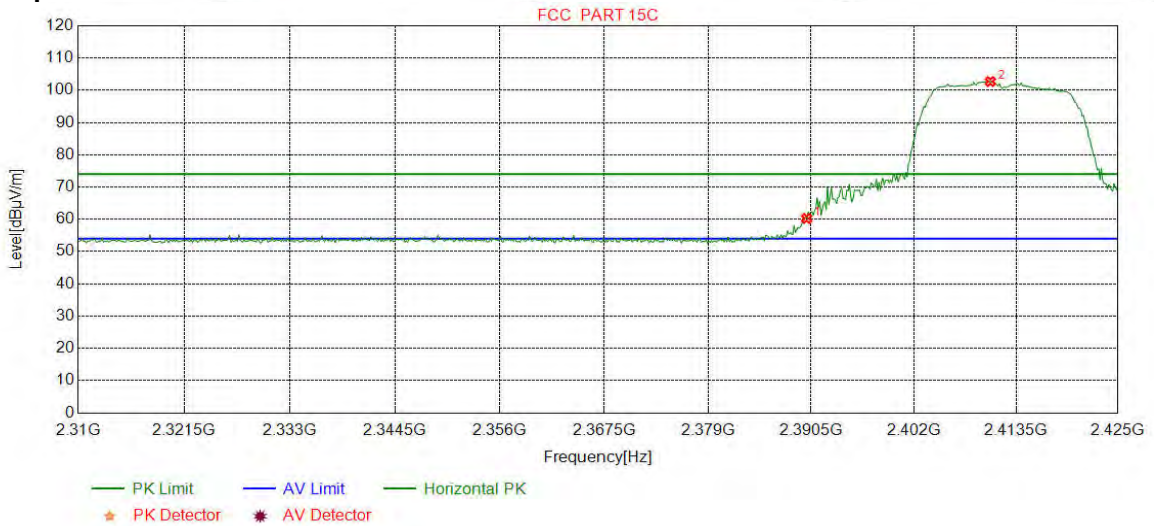
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2464.5582   | 32.35           | 13.46           | -42.40          | 86.47          | 89.88          | 54.00          | -35.88      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 40.83          | 44.19          | 54.00          | 9.81        | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                        |          |      |

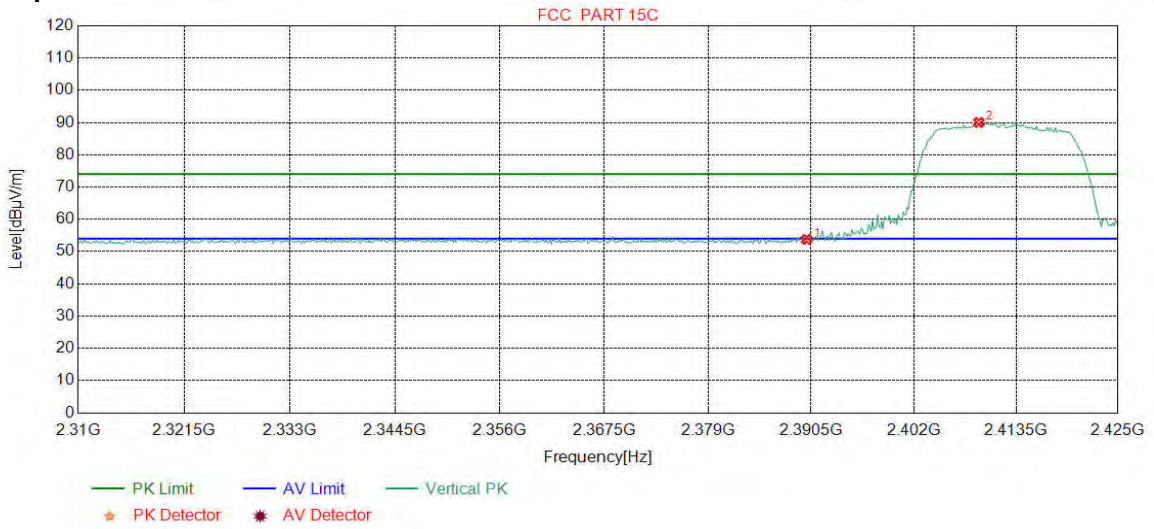
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 57.09          | 60.27          | 74.00          | 13.73       | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 99.54          | 102.73         | 74.00          | -28.73      | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                        |          |      |

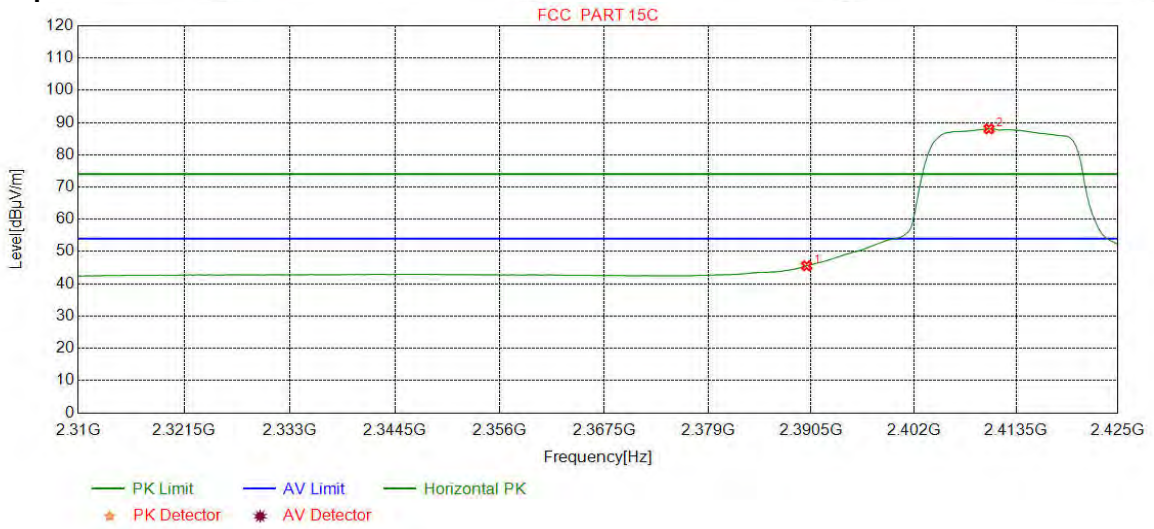
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 50.58          | 53.76          | 74.00          | 20.24       | Pass   | Vertical |
| 2  | 2409.3116   | 32.27           | 13.34           | -42.42          | 86.86          | 90.05          | 74.00          | -16.05      | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                        |          |      |

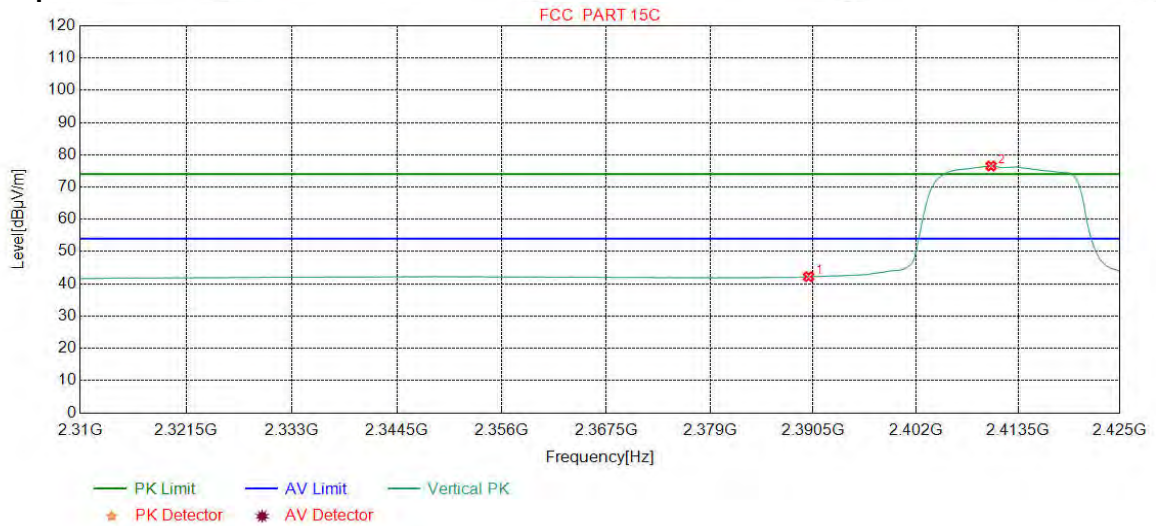
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 42.41          | 45.59          | 54.00          | 8.41        | Pass   | Horizontal |
| 2  | 2410.4631   | 32.27           | 13.35           | -42.43          | 84.85          | 88.04          | 54.00          | -34.04      | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 0                        |          |      |

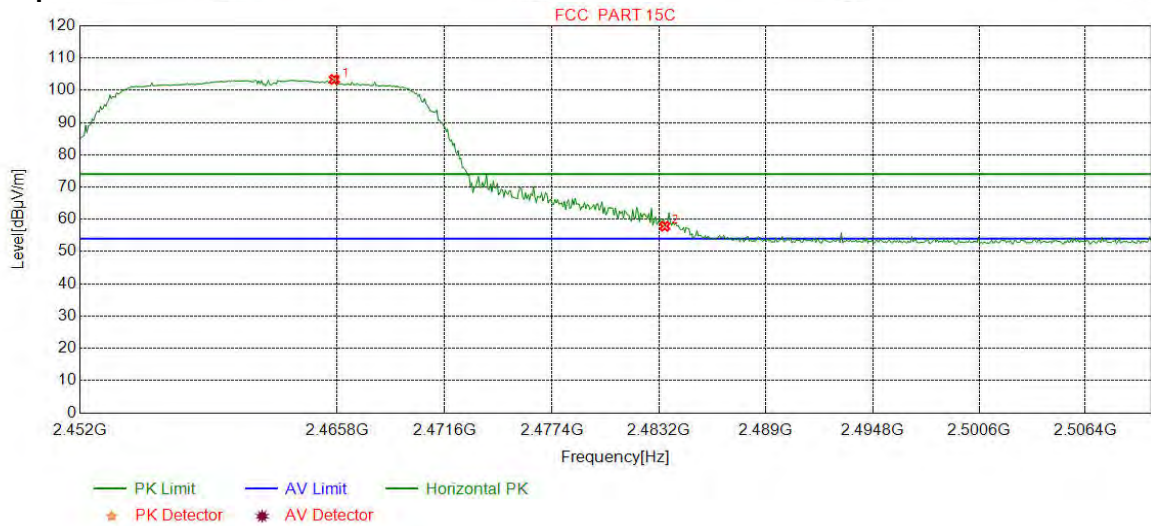
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.03          | 42.21          | 54.00          | 11.79       | Pass   | Vertical |
| 2  | 2410.4631   | 32.27           | 13.35           | -42.43          | 73.33          | 76.52          | 54.00          | -22.52      | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                        |          |      |

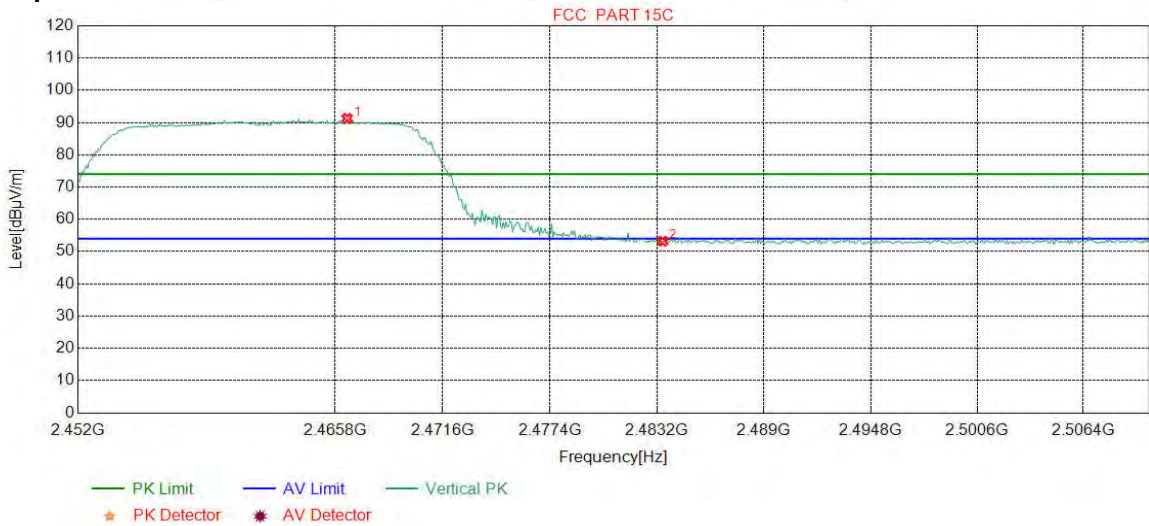
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2465.6471   | 32.35           | 13.46           | -42.41          | 99.96          | 103.36         | 74.00          | -29.36      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 54.48          | 57.84          | 74.00          | 16.16       | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                        |          |      |

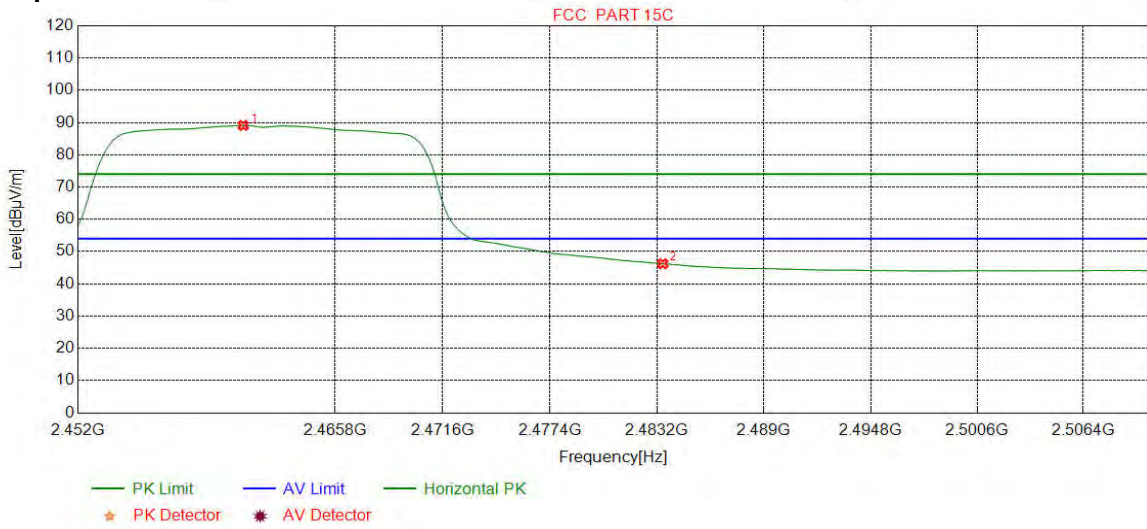
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2466.4456   | 32.35           | 13.45           | -42.40          | 87.89          | 91.29          | 74.00          | -17.29      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 49.86          | 53.22          | 74.00          | 20.78       | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                        |          |      |

**Test Graph**

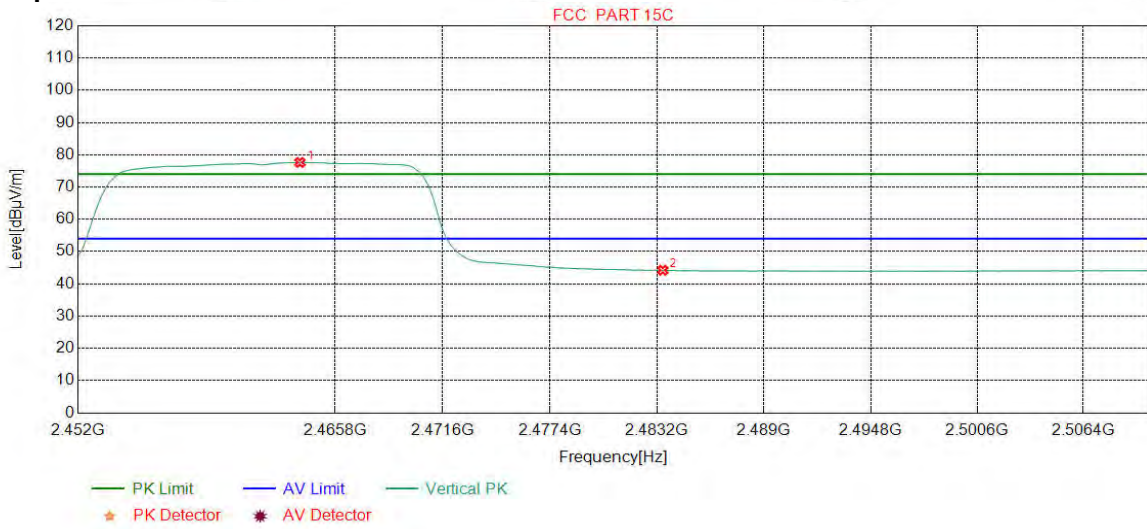


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2460.8561   | 32.35           | 13.48           | -42.41          | 85.68          | 89.10          | 54.00          | -35.10      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 42.90          | 46.26          | 54.00          | 7.74        | Pass   | Horizontal |



|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 0                        |          |      |

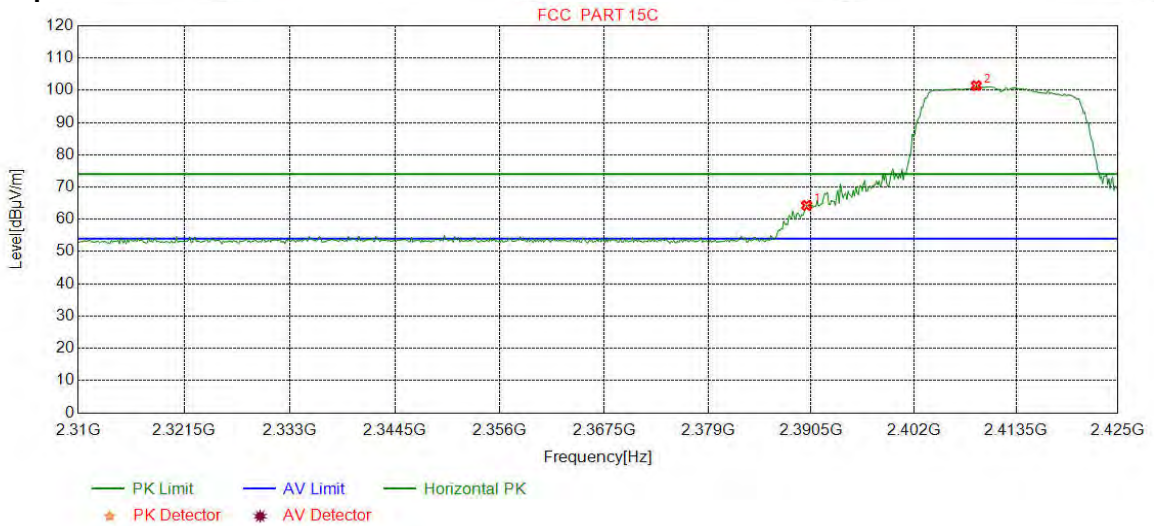
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.9049   | 32.35           | 13.47           | -42.41          | 74.23          | 77.64          | 54.00          | -23.64      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 40.86          | 44.22          | 54.00          | 9.78        | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 0                    |          |      |

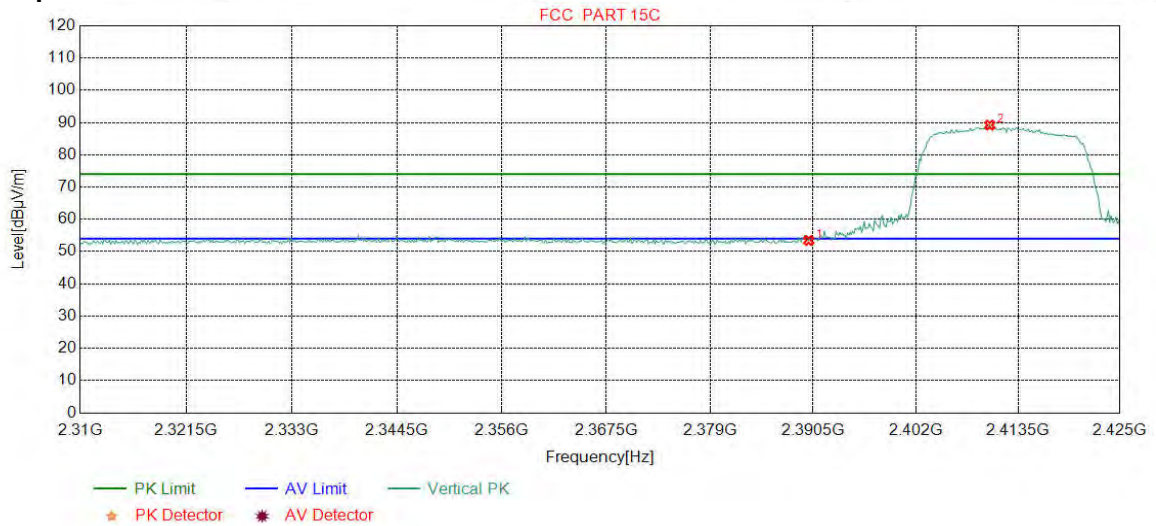
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 61.14          | 64.32          | 74.00          | 9.68        | Pass   | Horizontal |
| 2  | 2409.0238   | 32.27           | 13.34           | -42.43          | 98.28          | 101.46         | 74.00          | -27.46      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 0                    |          |      |

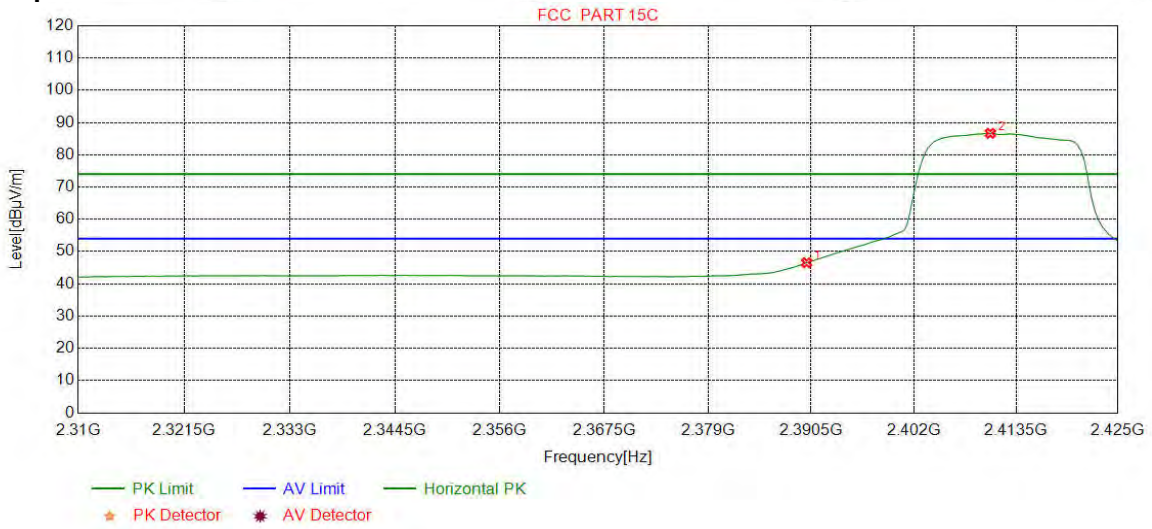
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 50.26          | 53.44          | 74.00          | 20.56       | Pass   | Vertical |
| 2  | 2410.3191   | 32.27           | 13.35           | -42.43          | 86.02          | 89.21          | 74.00          | -15.21      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 0                    |          |      |

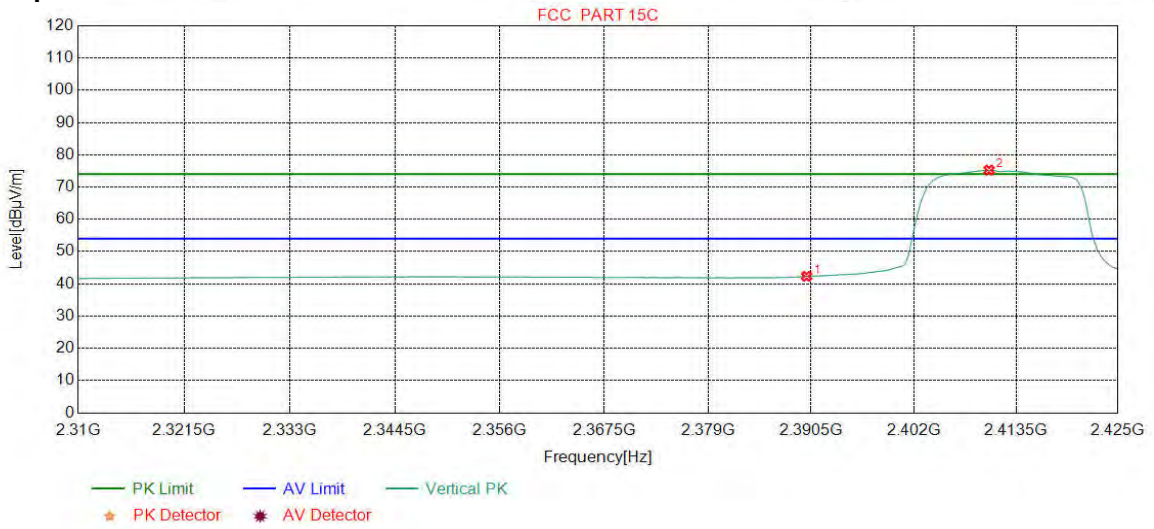
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 43.38          | 46.56          | 54.00          | 7.44        | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 83.47          | 86.66          | 54.00          | -32.66      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 0                    |          |      |

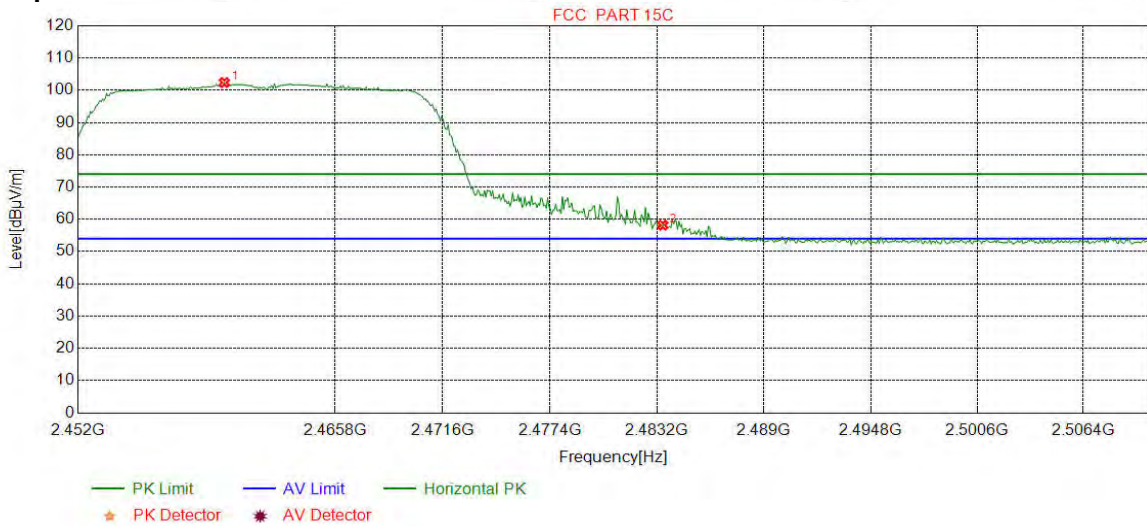
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.15          | 42.33          | 54.00          | 11.67       | Pass   | Vertical |
| 2  | 2410.4631   | 32.27           | 13.35           | -42.43          | 72.07          | 75.26          | 54.00          | -21.26      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 0                    |          |      |

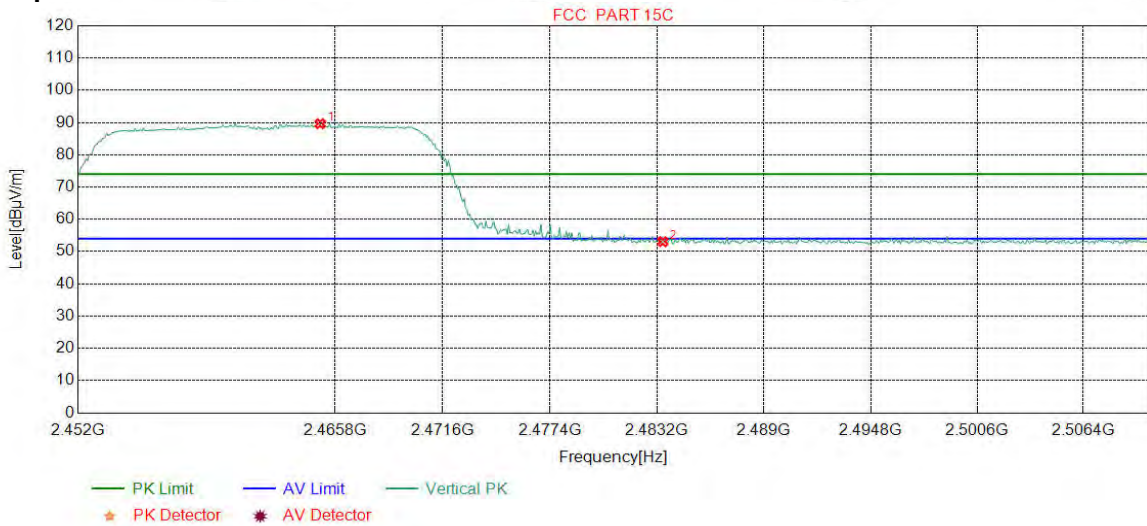
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2459.8398   | 32.34           | 13.48           | -42.40          | 98.98          | 102.40         | 74.00          | -28.40      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 54.82          | 58.18          | 74.00          | 15.82       | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 0                    |          |      |

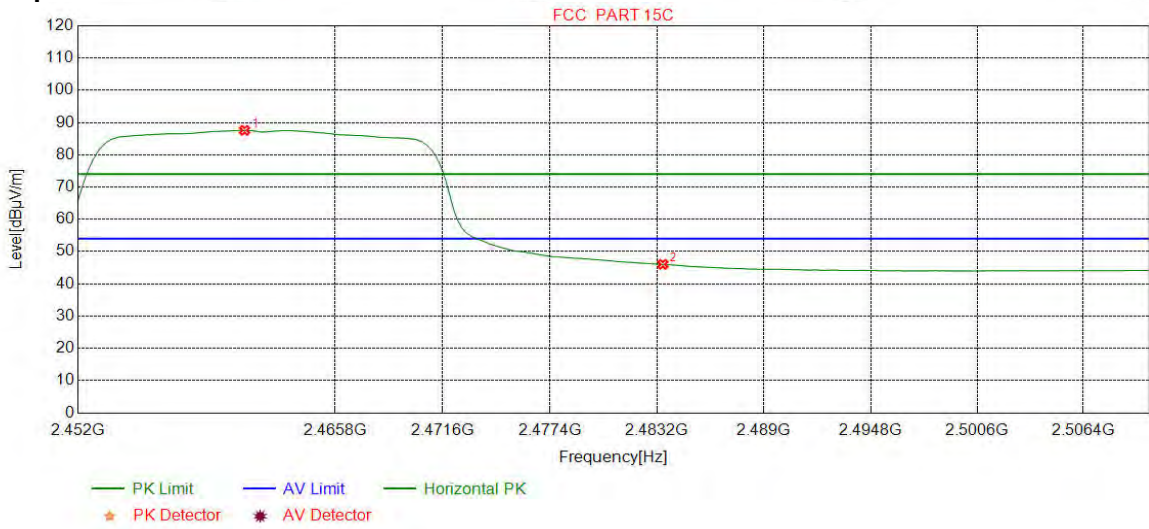
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2464.9937   | 32.35           | 13.46           | -42.40          | 86.23          | 89.64          | 74.00          | -15.64      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 49.72          | 53.08          | 74.00          | 20.92       | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 0                    |          |      |

**Test Graph**

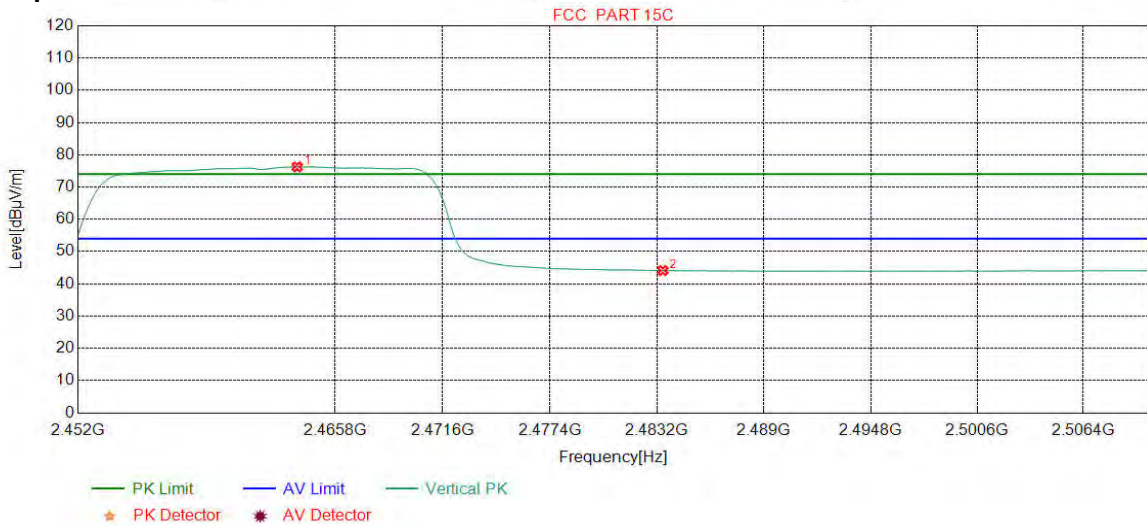


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2460.9287   | 32.35           | 13.48           | -42.41          | 84.18          | 87.60          | 54.00          | -33.60      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 42.69          | 46.05          | 54.00          | 7.95        | Pass   | Horizontal |



|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 0                    |          |      |

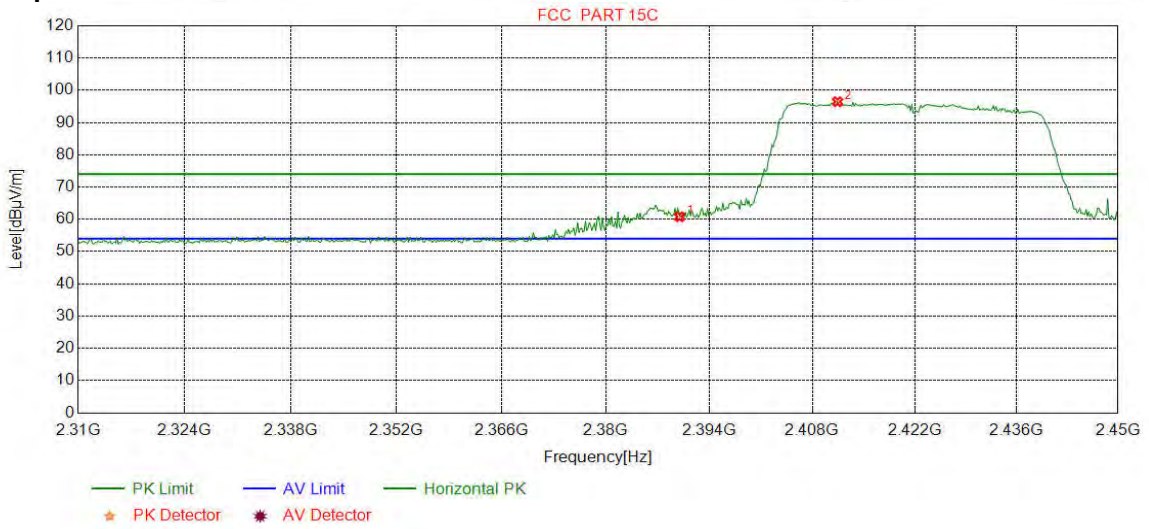
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.7597   | 32.35           | 13.47           | -42.41          | 72.85          | 76.26          | 54.00          | -22.26      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 40.75          | 44.11          | 54.00          | 9.89        | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 0                     |          |      |

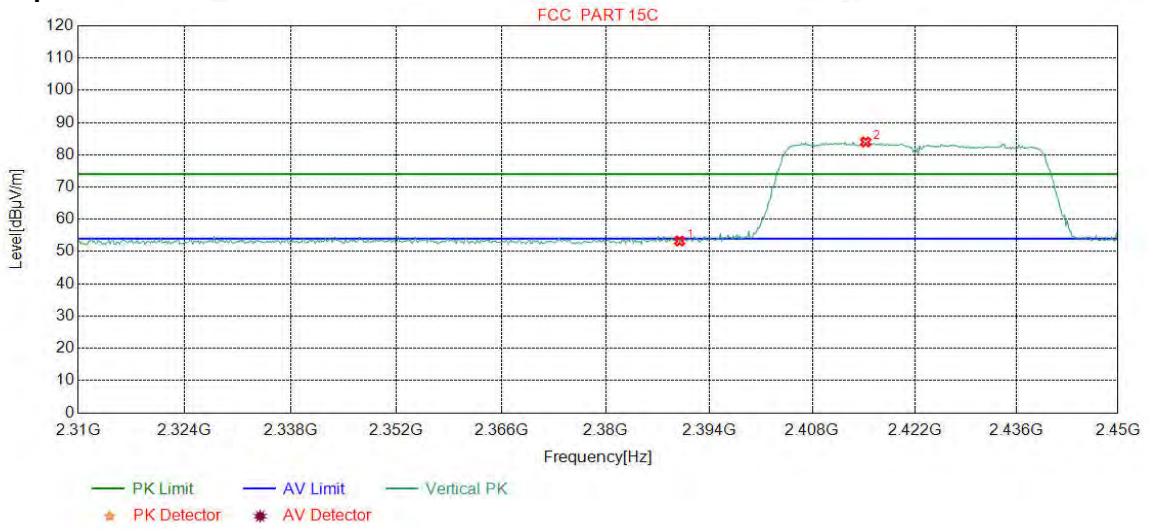
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 57.62          | 60.80          | 74.00          | 13.20       | Pass   | Horizontal |
| 2  | 2411.4518   | 32.28           | 13.35           | -42.43          | 93.25          | 96.45          | 74.00          | -22.45      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 0                     |          |      |

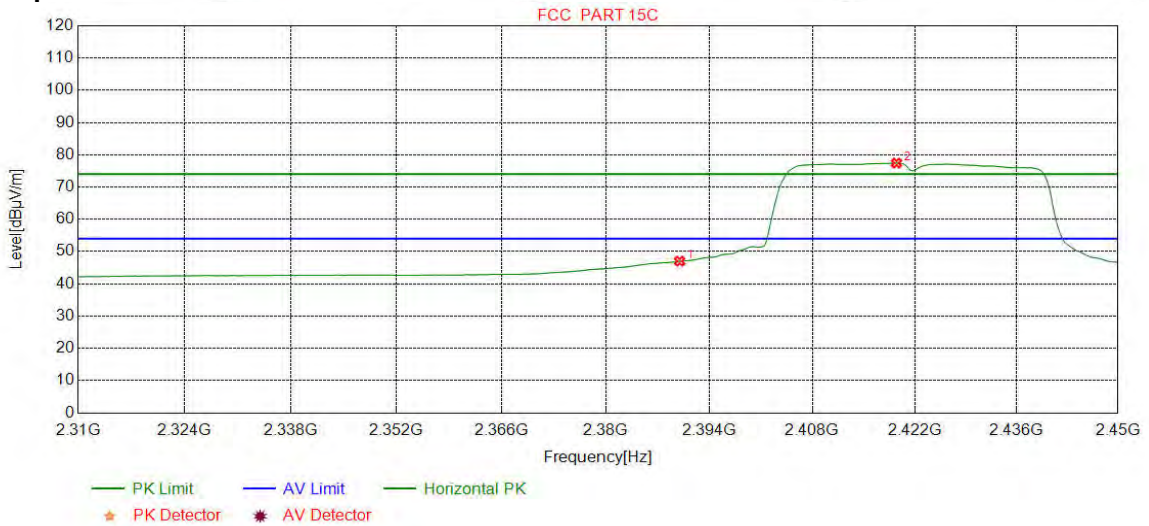
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 50.09          | 53.27          | 74.00          | 20.73       | Pass   | Vertical |
| 2  | 2415.3066   | 32.28           | 13.37           | -42.43          | 80.75          | 83.97          | 74.00          | -9.97       | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 0                     |          |      |

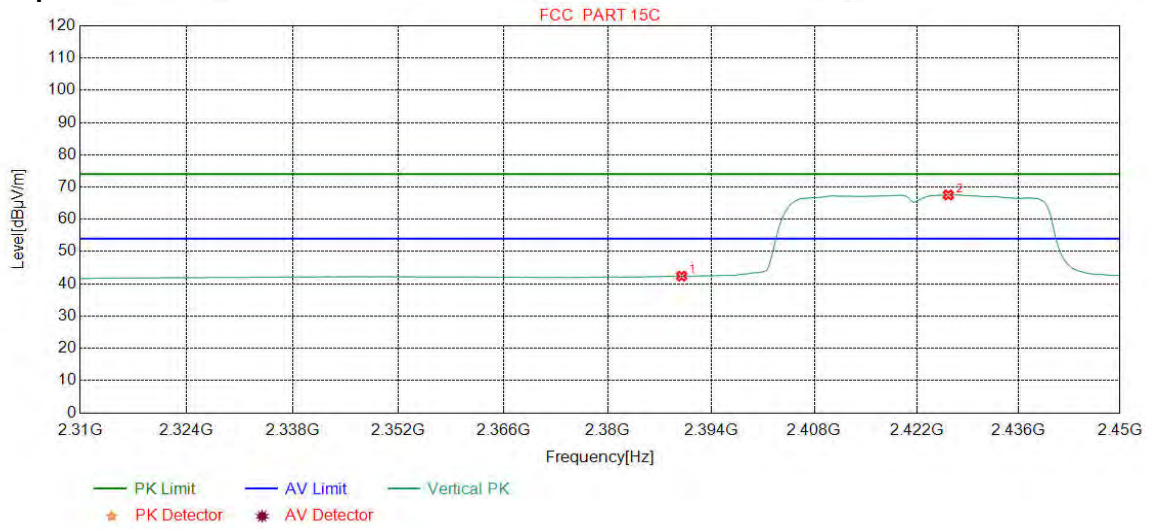
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 43.84          | 47.02          | 54.00          | 6.98        | Pass   | Horizontal |
| 2  | 2419.5119   | 32.29           | 13.39           | -42.43          | 74.19          | 77.44          | 54.00          | -23.44      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 0                     |          |      |

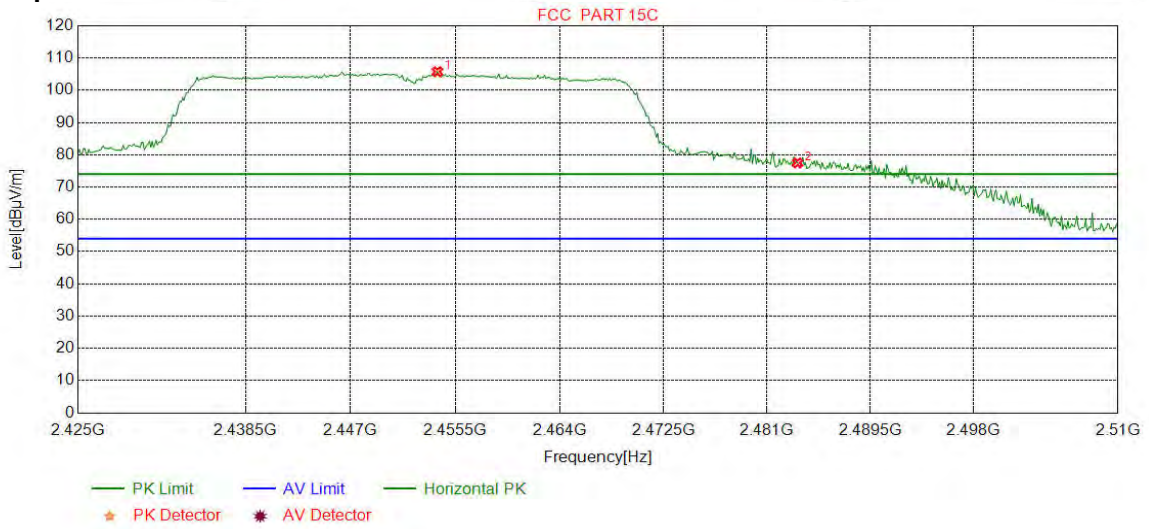
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.20          | 42.38          | 54.00          | 11.62       | Pass   | Vertical |
| 2  | 2426.3454   | 32.30           | 13.42           | -42.42          | 64.26          | 67.56          | 54.00          | -13.56      | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 0                     |          |      |

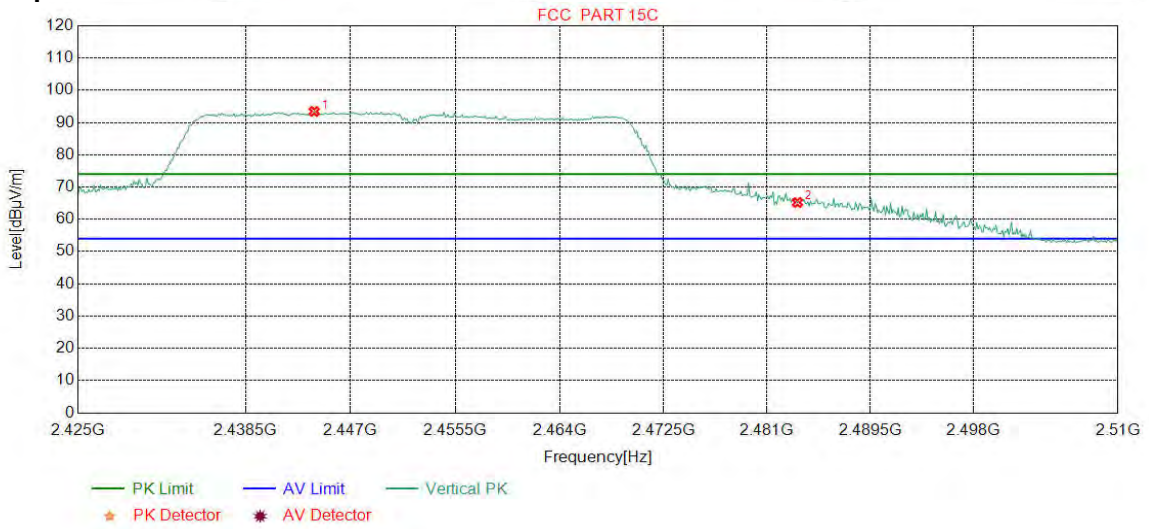
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2454.0426   | 32.34           | 13.51           | -42.41          | 102.33         | 105.77         | 74.00          | -31.77      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 74.13          | 77.49          | 74.00          | -3.49       | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 0                     |          |      |

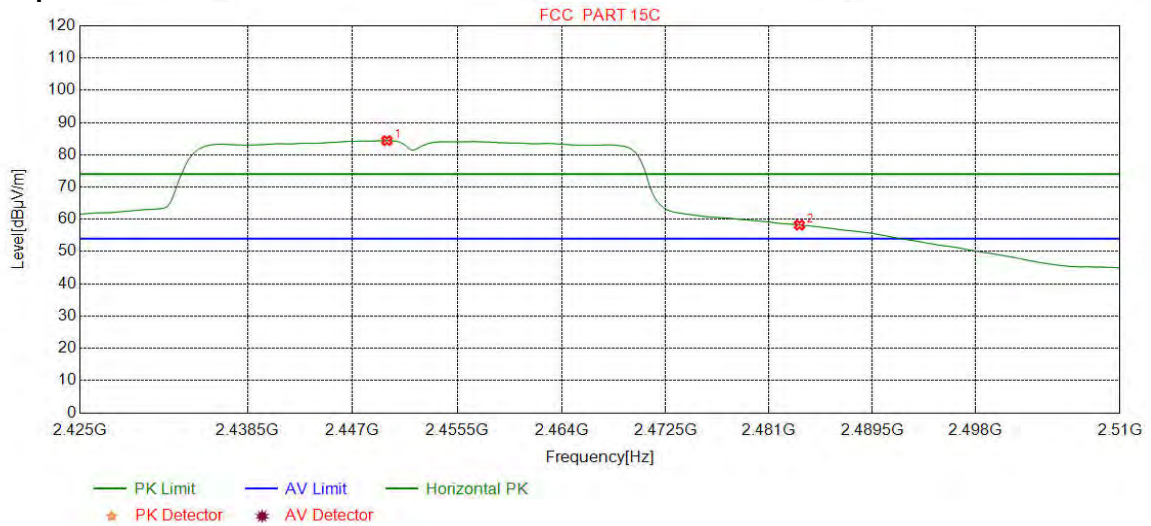
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2444.0426   | 32.32           | 13.50           | -42.41          | 90.02          | 93.43          | 74.00          | -19.43      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 61.86          | 65.22          | 74.00          | 8.78        | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 0                     |          |      |

**Test Graph**

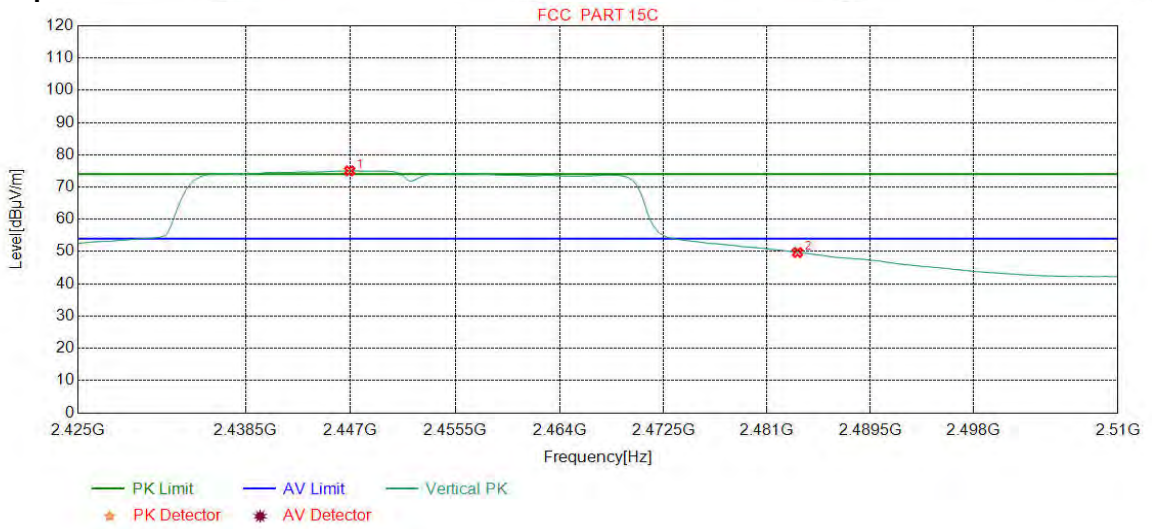


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2449.7872   | 32.33           | 13.53           | -42.41          | 80.95          | 84.40          | 54.00          | -30.40      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 54.88          | 58.24          | 54.00          | -4.24       | Pass   | Horizontal |



|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 0                     |          |      |

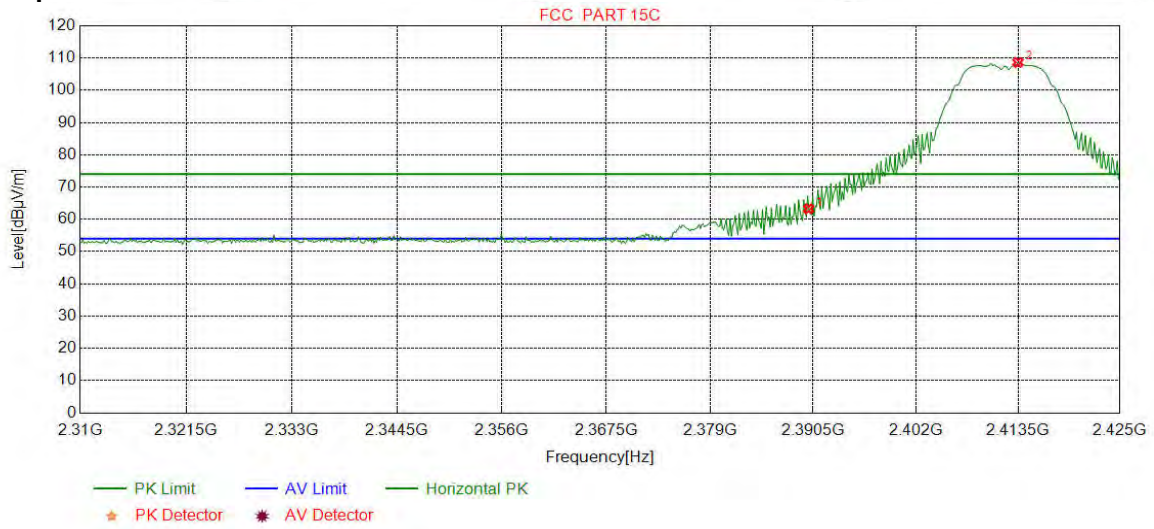
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2446.9149   | 32.33           | 13.52           | -42.42          | 71.60          | 75.03          | 54.00          | -21.03      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 46.36          | 49.72          | 54.00          | 4.28        | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                         |          |      |

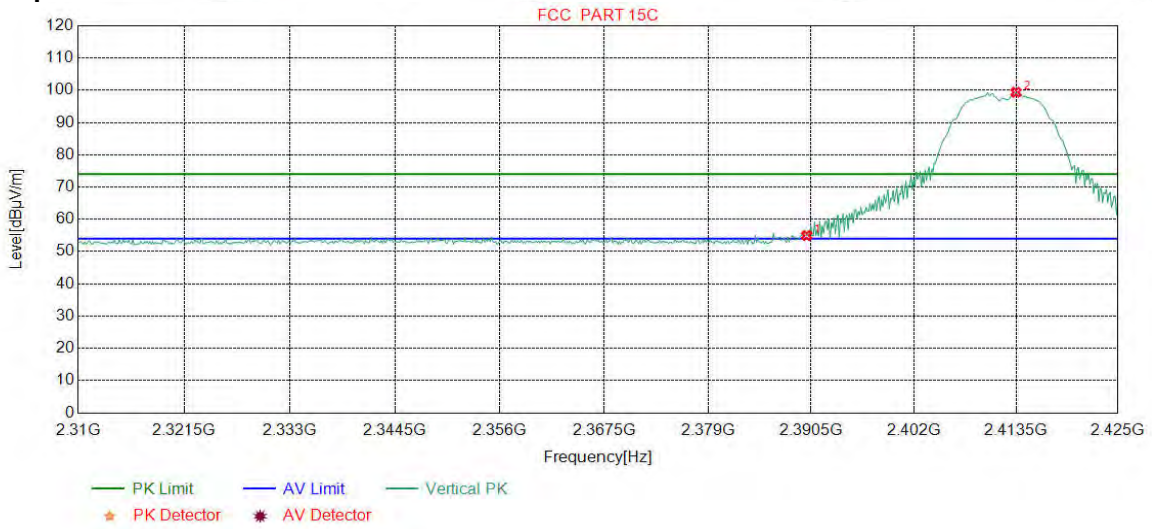
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 60.07          | 63.25          | 74.00          | 10.75       | Pass   | Horizontal |
| 2  | 2413.4856   | 32.28           | 13.36           | -42.43          | 105.44         | 108.65         | 74.00          | -34.65      | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                         |          |      |

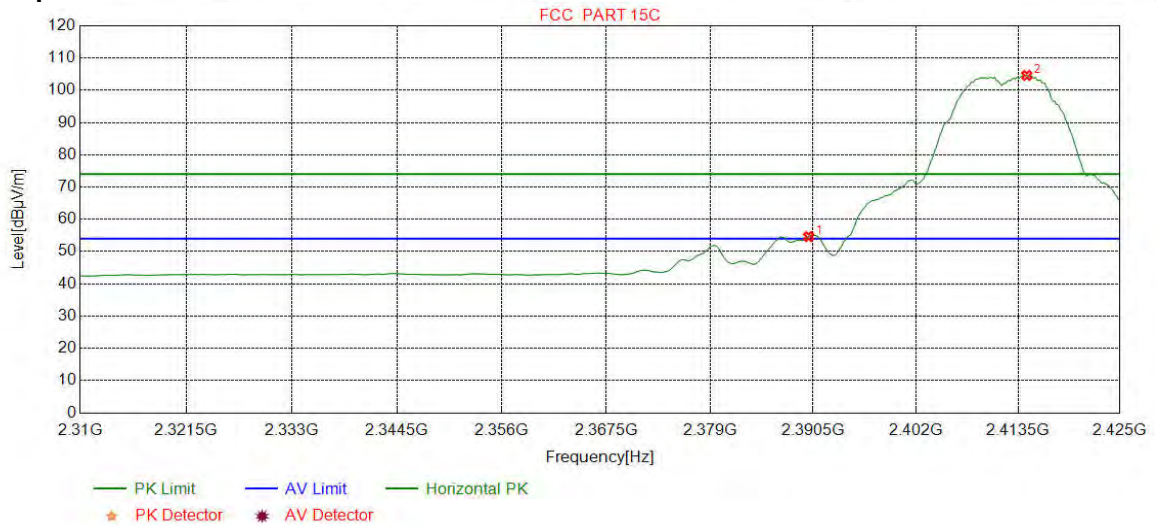
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 51.78          | 54.96          | 74.00          | 19.04       | Pass   | Vertical |
| 2  | 2413.4856   | 32.28           | 13.36           | -42.43          | 96.18          | 99.39          | 74.00          | -25.39      | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                         |          |      |

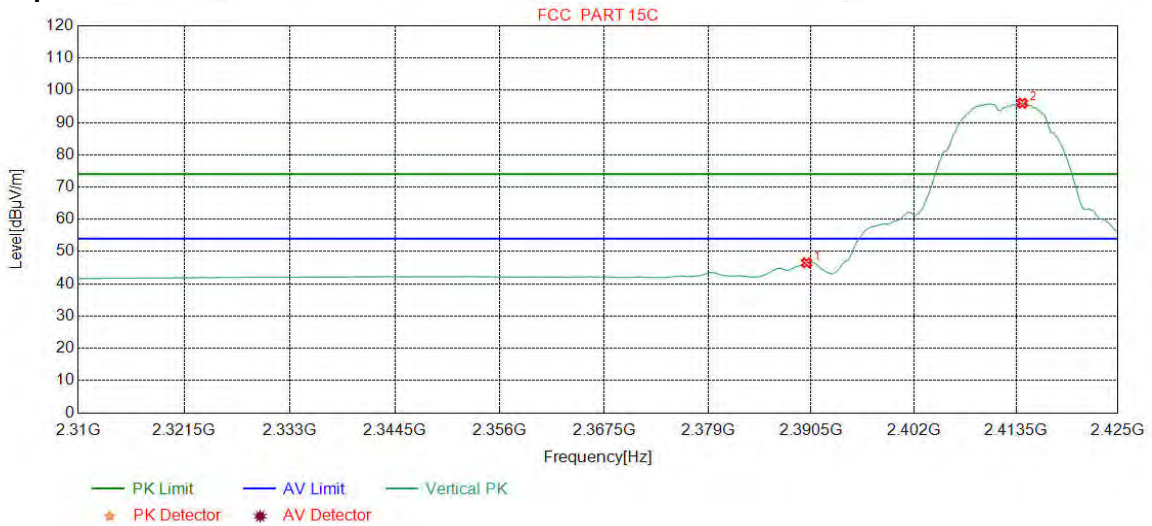
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 51.46          | 54.64          | 54.00          | -0.64       | Pass   | Horizontal |
| 2  | 2414.4931   | 32.28           | 13.37           | -42.43          | 101.39         | 104.61         | 54.00          | -50.61      | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                         |          |      |

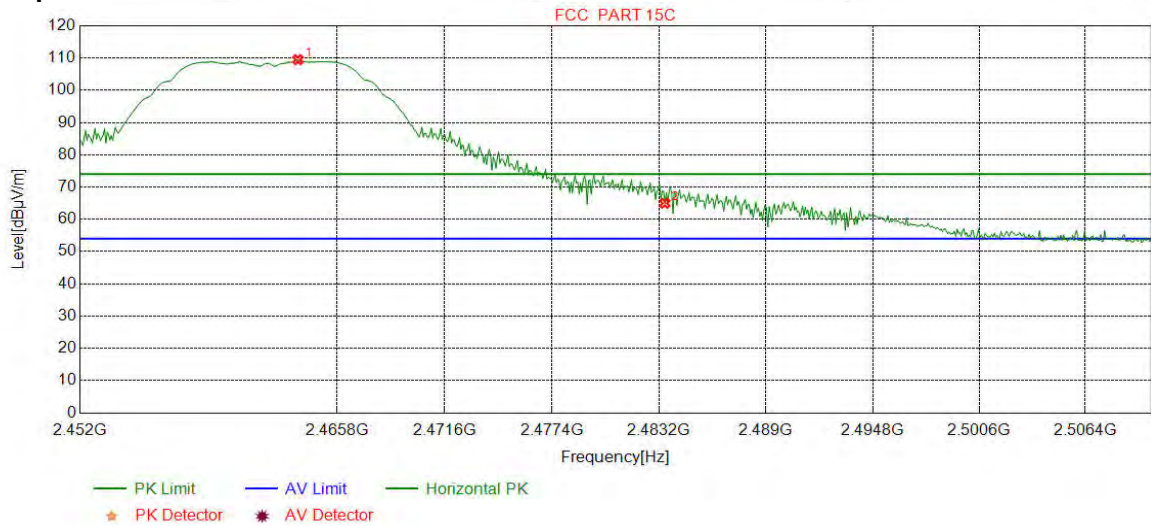
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 43.32          | 46.50          | 54.00          | 7.50        | Pass   | Vertical |
| 2  | 2414.2053   | 32.28           | 13.37           | -42.43          | 92.77          | 95.99          | 54.00          | -41.99      | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                         |          |      |

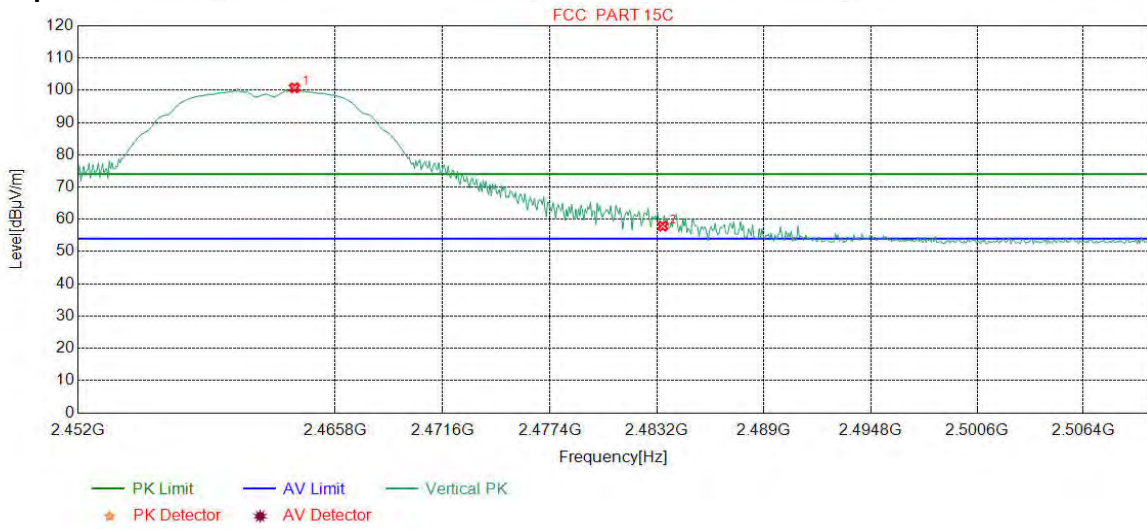
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2463.6871   | 32.35           | 13.47           | -42.41          | 106.08         | 109.49         | 74.00          | -35.49      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 61.60          | 64.96          | 74.00          | 9.04        | Pass   | Horizontal |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                         |          |      |

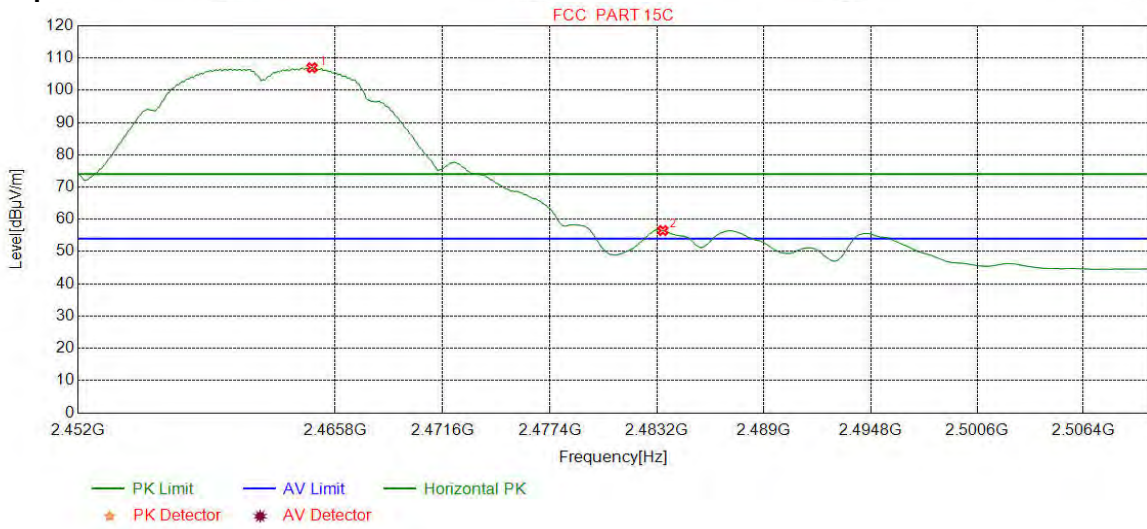
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.6145   | 32.35           | 13.47           | -42.41          | 97.35          | 100.76         | 74.00          | -26.76      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 54.52          | 57.88          | 74.00          | 16.12       | Pass   | Vertical |

|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                         |          |      |

**Test Graph**

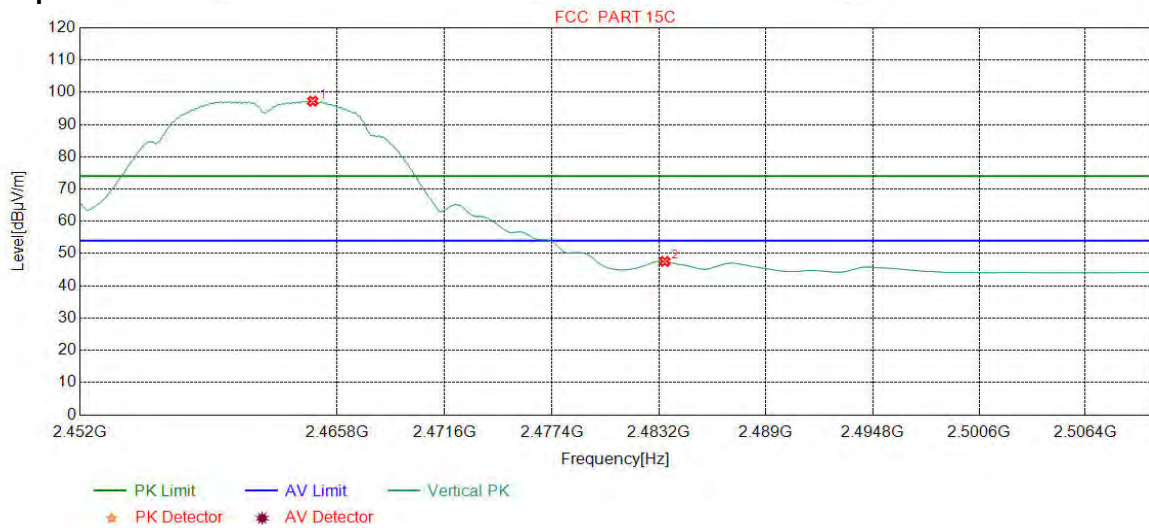


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2464.5582   | 32.35           | 13.46           | -42.40          | 103.60         | 107.01         | 54.00          | -53.01      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 53.16          | 56.52          | 54.00          | -2.52       | Pass   | Horizontal |



|         |                               |          |      |
|---------|-------------------------------|----------|------|
| Mode:   | 802.11 b(11Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                         |          |      |

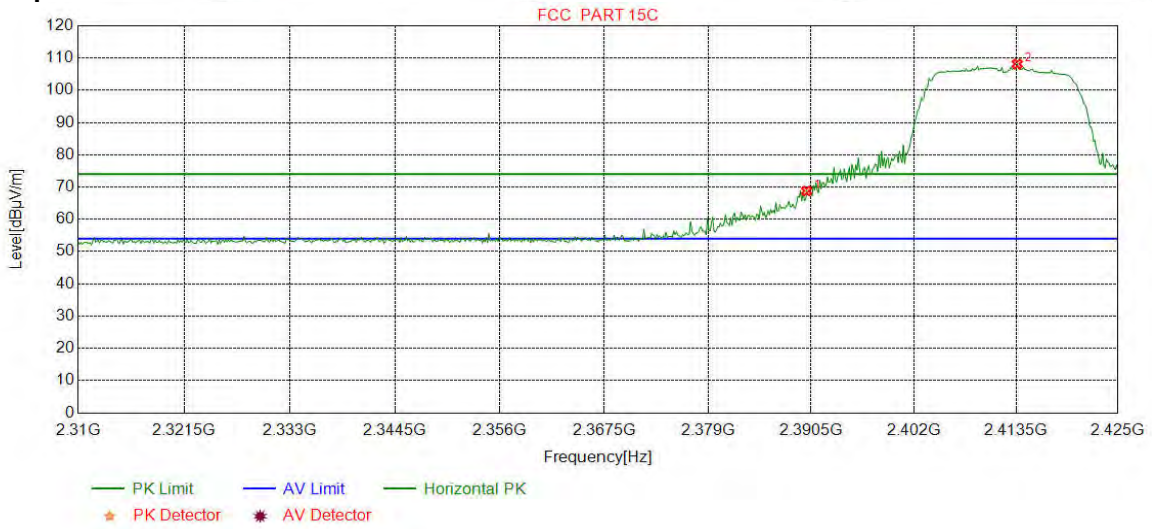
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2464.4856   | 32.35           | 13.46           | -42.40          | 93.84          | 97.25          | 54.00          | -43.25      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 44.20          | 47.56          | 54.00          | 6.44        | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                        |          |      |

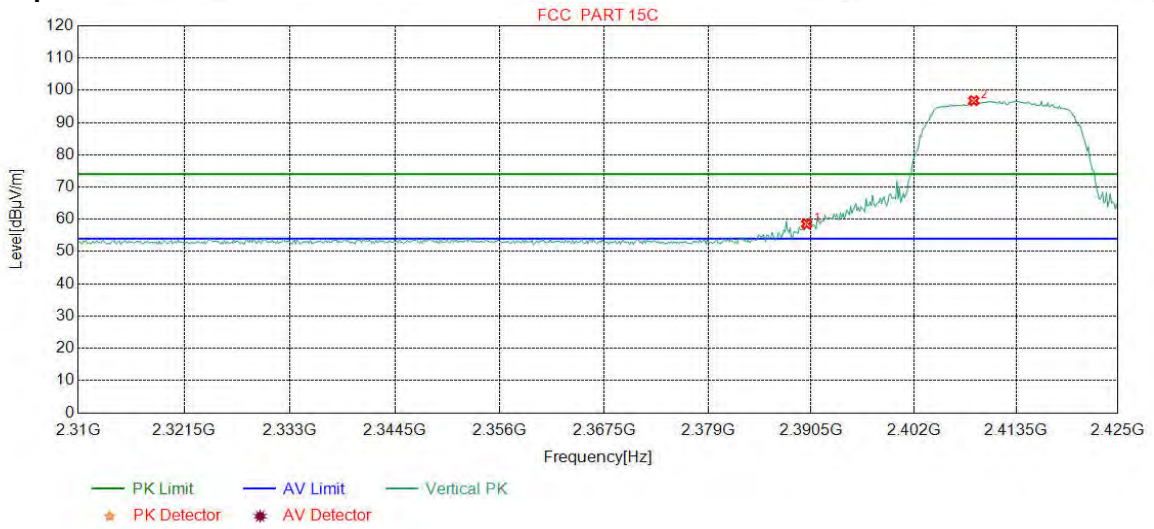
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 65.62          | 68.80          | 74.00          | 5.20        | Pass   | Horizontal |
| 2  | 2413.6295   | 32.28           | 13.36           | -42.43          | 104.94         | 108.15         | 74.00          | -34.15      | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                        |          |      |

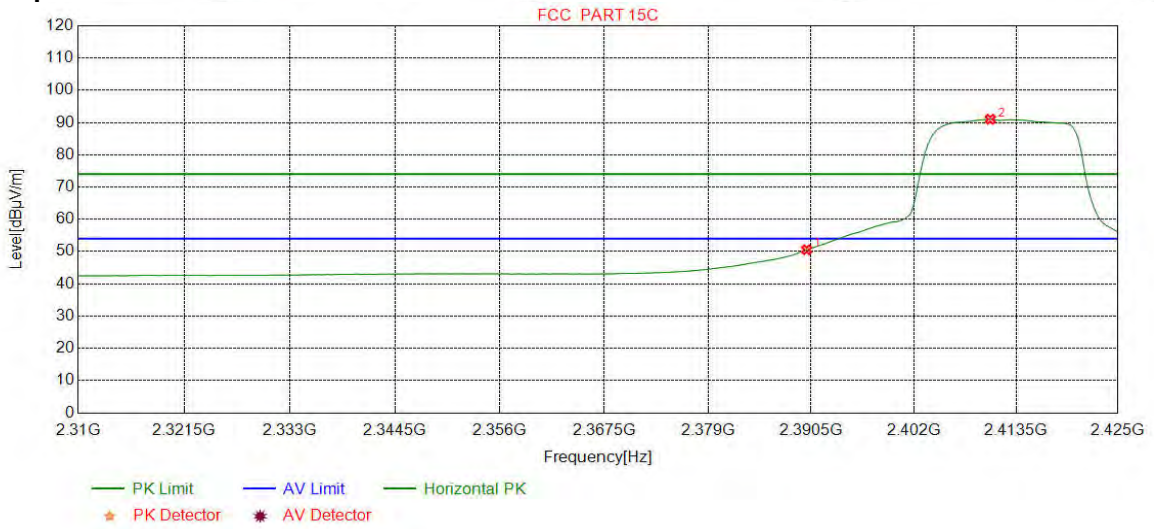
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 55.40          | 58.58          | 74.00          | 15.42       | Pass   | Vertical |
| 2  | 2408.7359   | 32.27           | 13.34           | -42.43          | 93.60          | 96.78          | 74.00          | -22.78      | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                        |          |      |

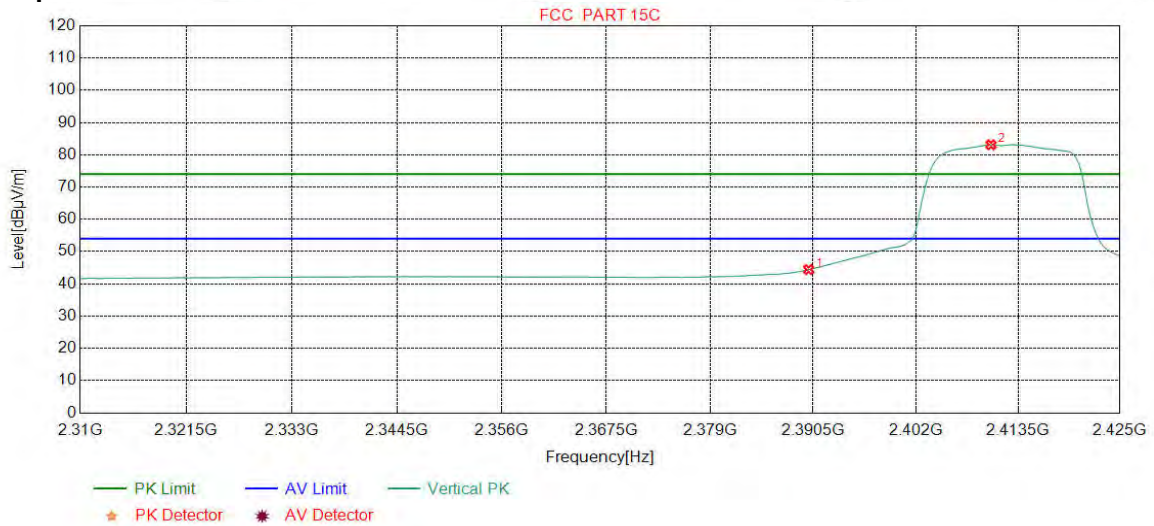
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 47.39          | 50.57          | 54.00          | 3.43        | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 87.82          | 91.01          | 54.00          | -37.01      | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2412 |
| Remark: | ANT 1                        |          |      |

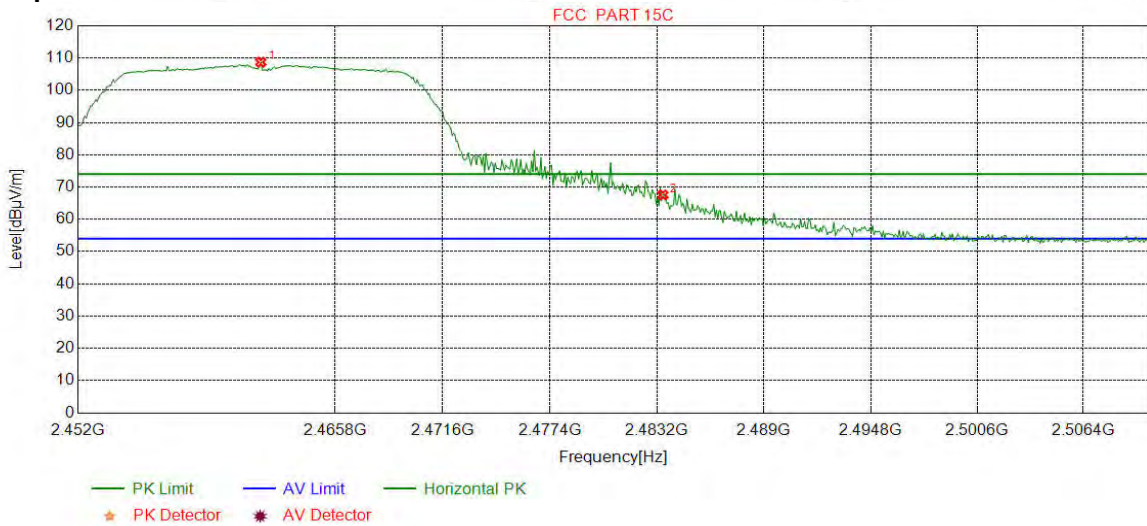
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 41.24          | 44.42          | 54.00          | 9.58        | Pass   | Vertical |
| 2  | 2410.4631   | 32.27           | 13.35           | -42.43          | 79.92          | 83.11          | 54.00          | -29.11      | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                        |          |      |

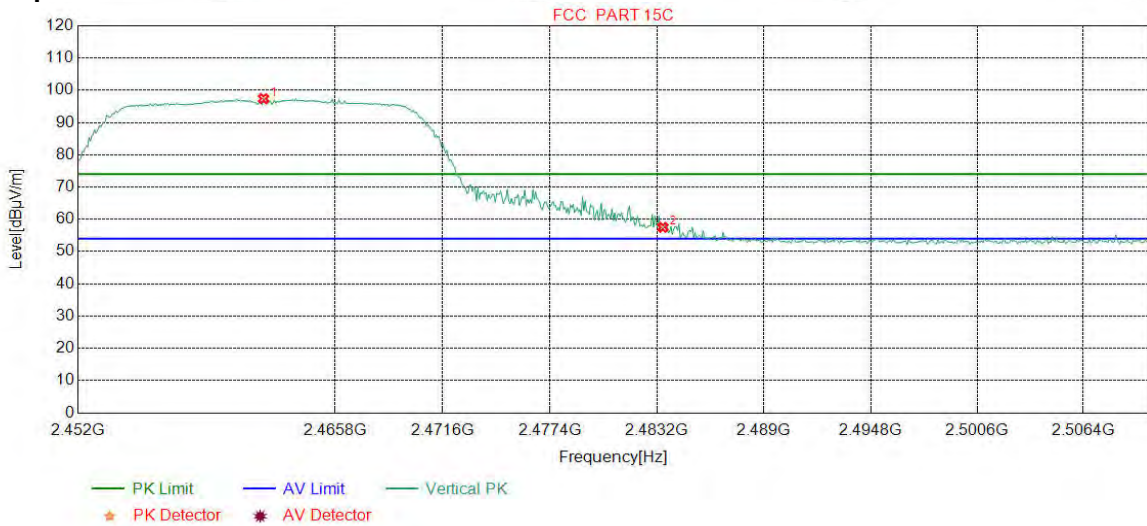
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2461.7998   | 32.35           | 13.48           | -42.41          | 105.30         | 108.72         | 74.00          | -34.72      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 64.21          | 67.57          | 74.00          | 6.43        | Pass   | Horizontal |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                        |          |      |

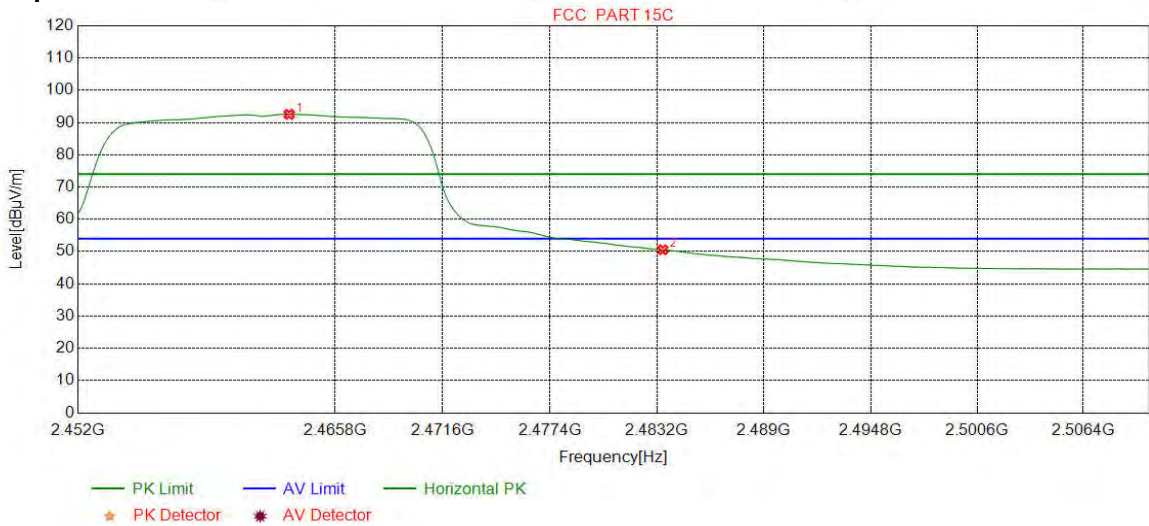
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2461.9449   | 32.35           | 13.48           | -42.41          | 94.00          | 97.42          | 74.00          | -23.42      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 54.17          | 57.53          | 74.00          | 16.47       | Pass   | Vertical |

|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                        |          |      |

**Test Graph**

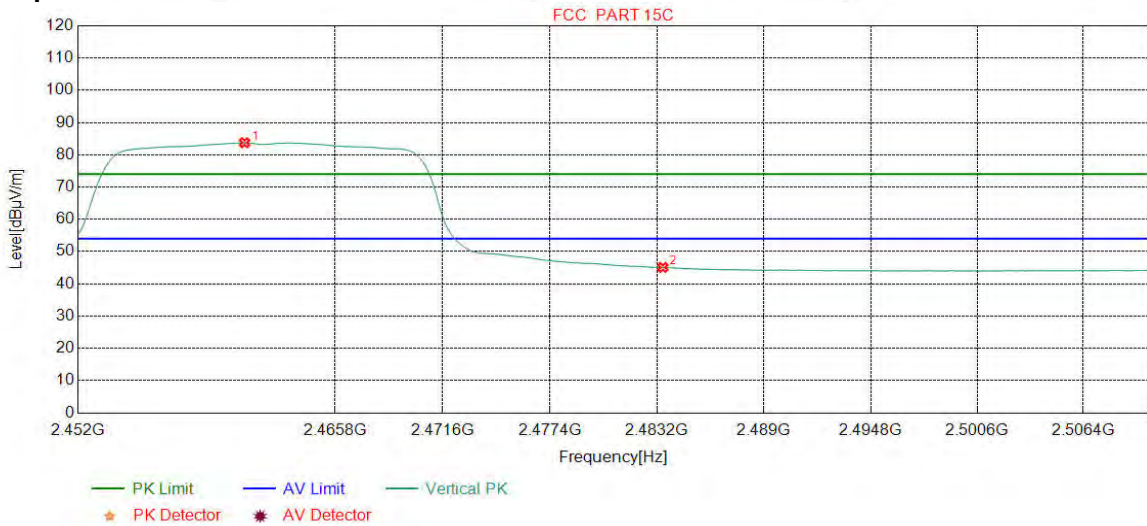


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2463.3242   | 32.35           | 13.47           | -42.41          | 89.16          | 92.57          | 54.00          | -38.57      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 47.20          | 50.56          | 54.00          | 3.44        | Pass   | Horizontal |



|         |                              |          |      |
|---------|------------------------------|----------|------|
| Mode:   | 802.11 g(6Mbps) Transmitting | Channel: | 2462 |
| Remark: | ANT 1                        |          |      |

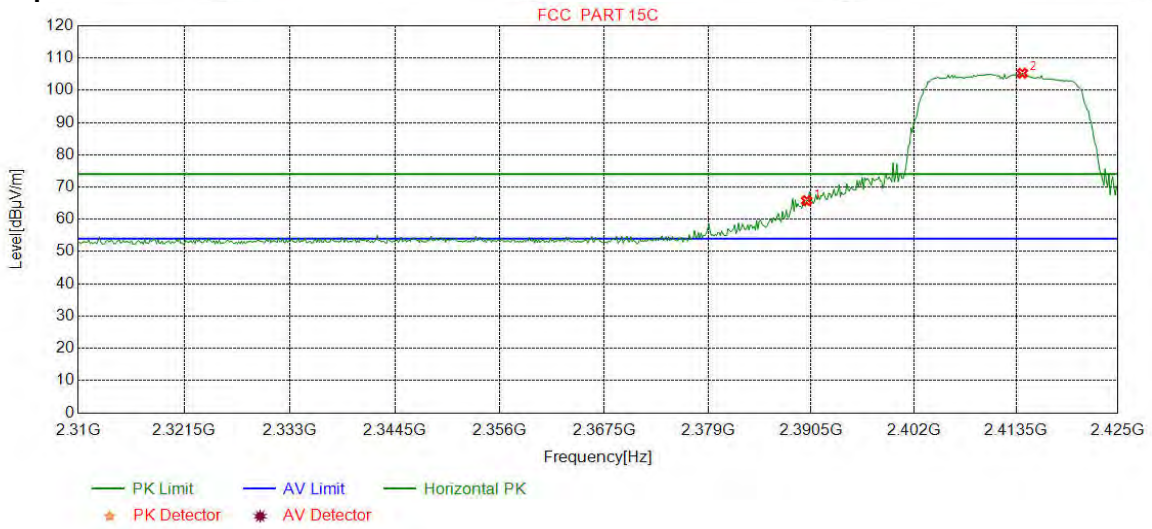
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2460.9287   | 32.35           | 13.48           | -42.41          | 80.33          | 83.75          | 54.00          | -29.75      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 41.73          | 45.09          | 54.00          | 8.91        | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 1                    |          |      |

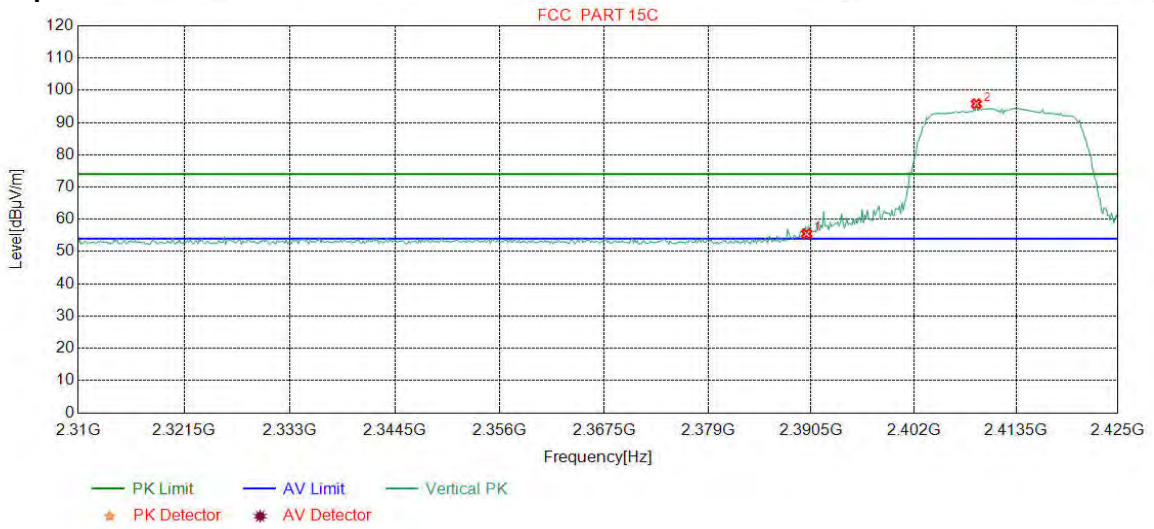
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 62.60          | 65.78          | 74.00          | 8.22        | Pass   | Horizontal |
| 2  | 2414.2053   | 32.28           | 13.37           | -42.43          | 102.09         | 105.31         | 74.00          | -31.31      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 1                    |          |      |

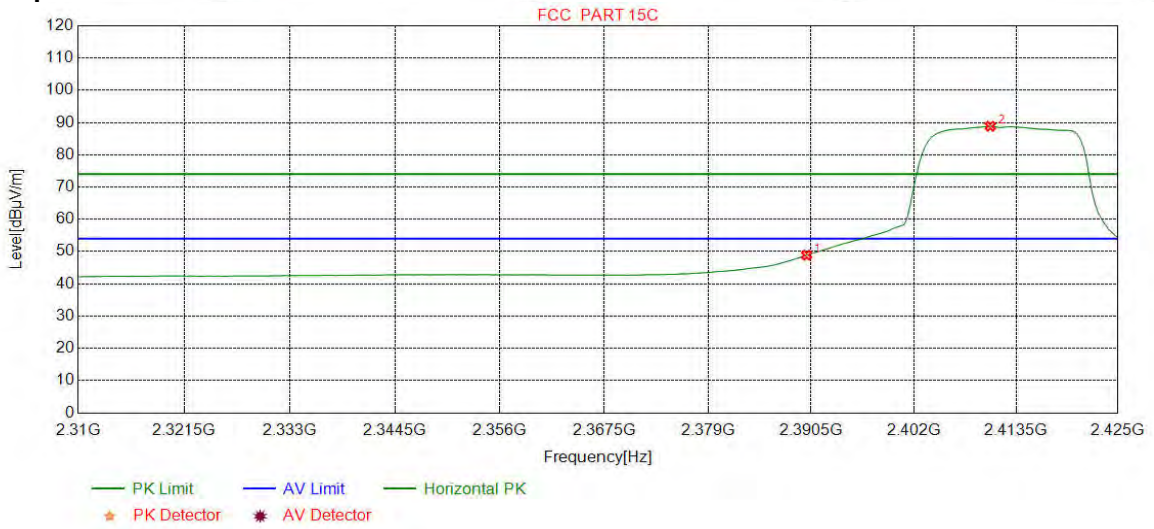
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 52.31          | 55.49          | 74.00          | 18.51       | Pass   | Vertical |
| 2  | 2409.0238   | 32.27           | 13.34           | -42.43          | 92.61          | 95.79          | 74.00          | -21.79      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 1                    |          |      |

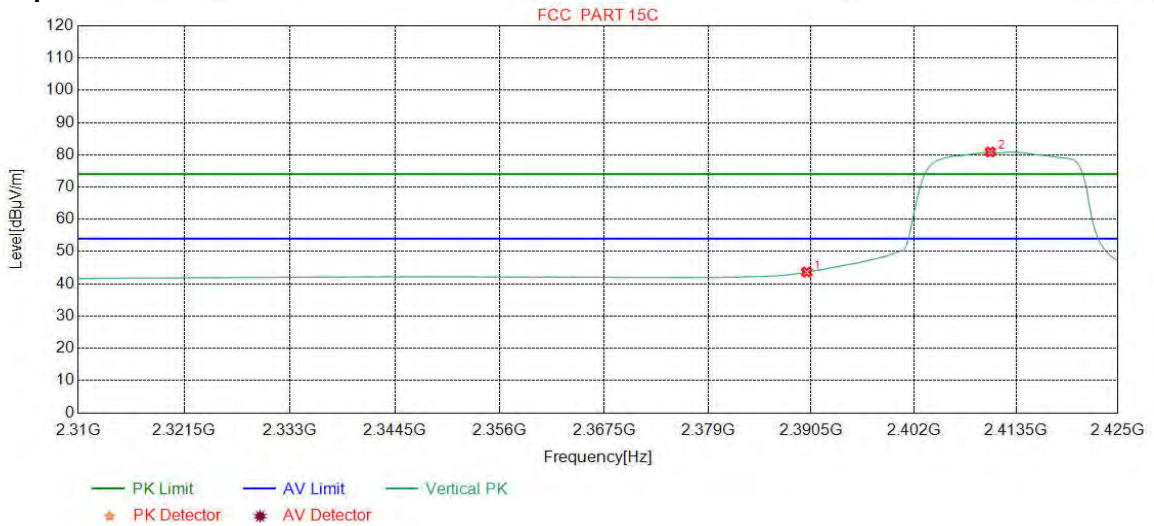
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 45.71          | 48.89          | 54.00          | 5.11        | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 85.67          | 88.86          | 54.00          | -34.86      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | ANT 1                    |          |      |

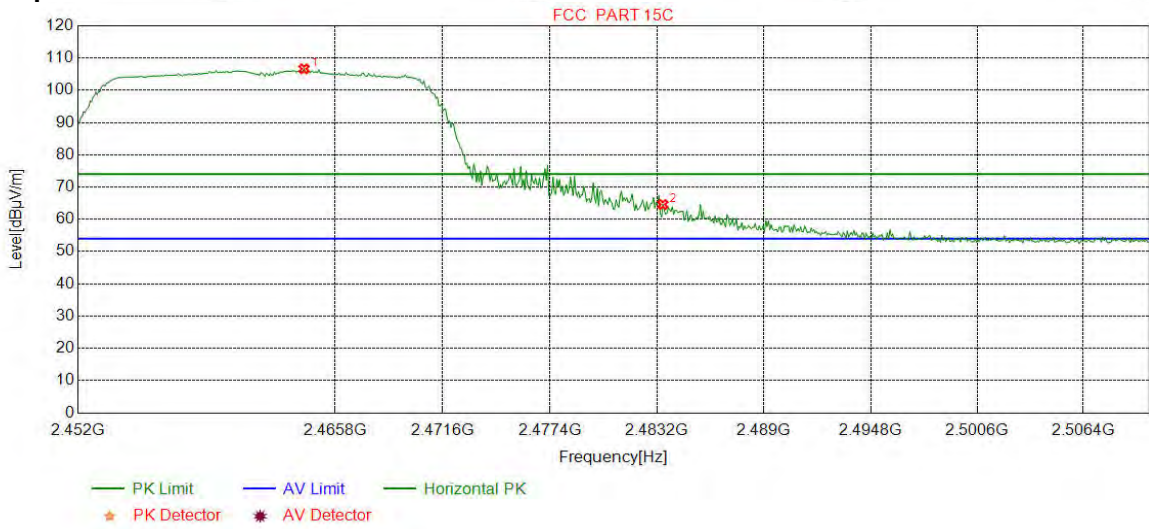
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 40.48          | 43.66          | 54.00          | 10.34       | Pass   | Vertical |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 77.71          | 80.90          | 54.00          | -26.90      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 1                    |          |      |

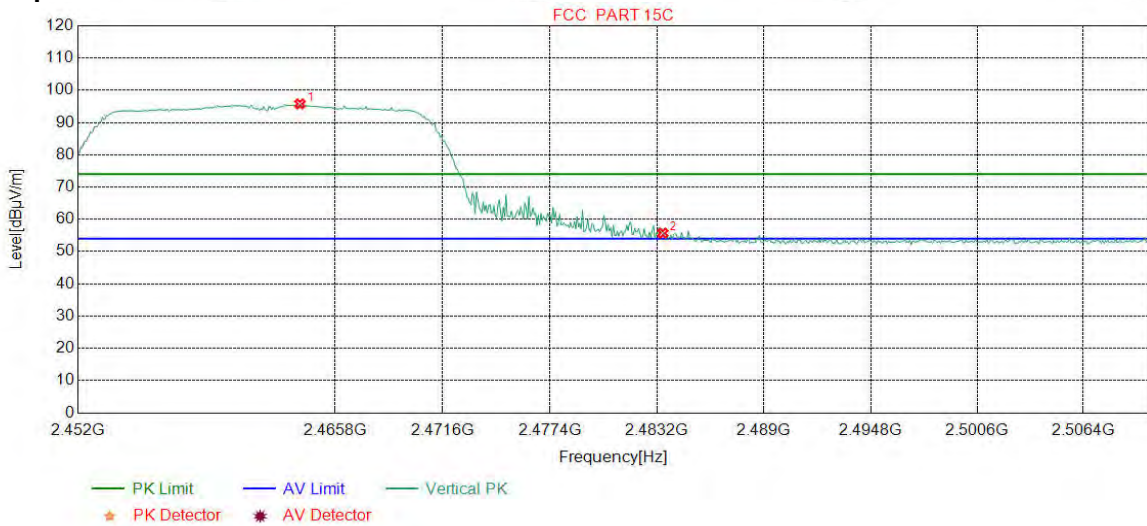
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2464.1227   | 32.35           | 13.47           | -42.41          | 103.24         | 106.65         | 74.00          | -32.65      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 61.24          | 64.60          | 74.00          | 9.40        | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 1                    |          |      |

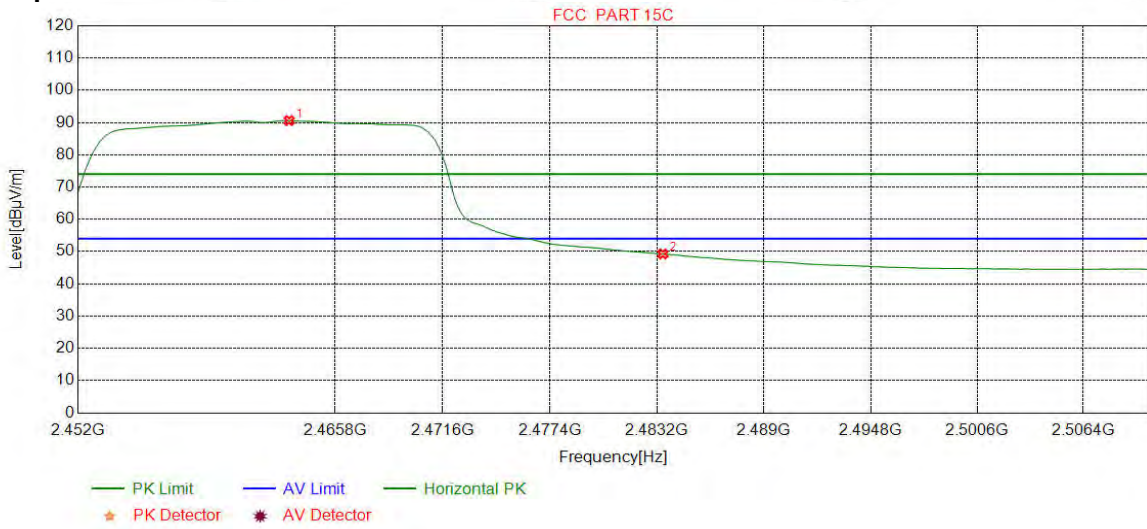
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.9049   | 32.35           | 13.47           | -42.41          | 92.37          | 95.78          | 74.00          | -21.78      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 52.38          | 55.74          | 74.00          | 18.26       | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 1                    |          |      |

**Test Graph**

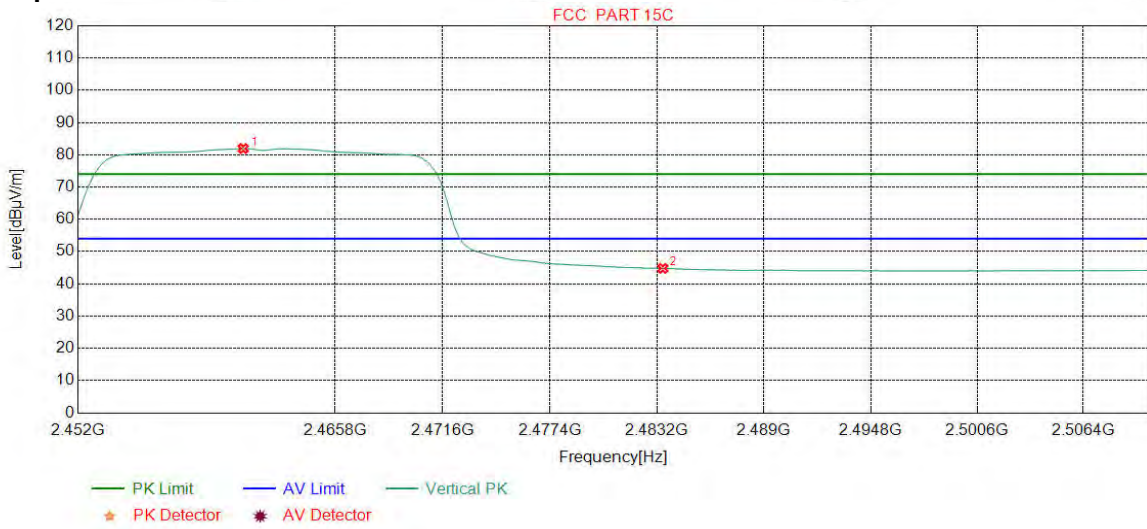


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2463.3242   | 32.35           | 13.47           | -42.41          | 87.21          | 90.62          | 54.00          | -36.62      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 45.92          | 49.28          | 54.00          | 4.72        | Pass   | Horizontal |



|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | ANT 1                    |          |      |

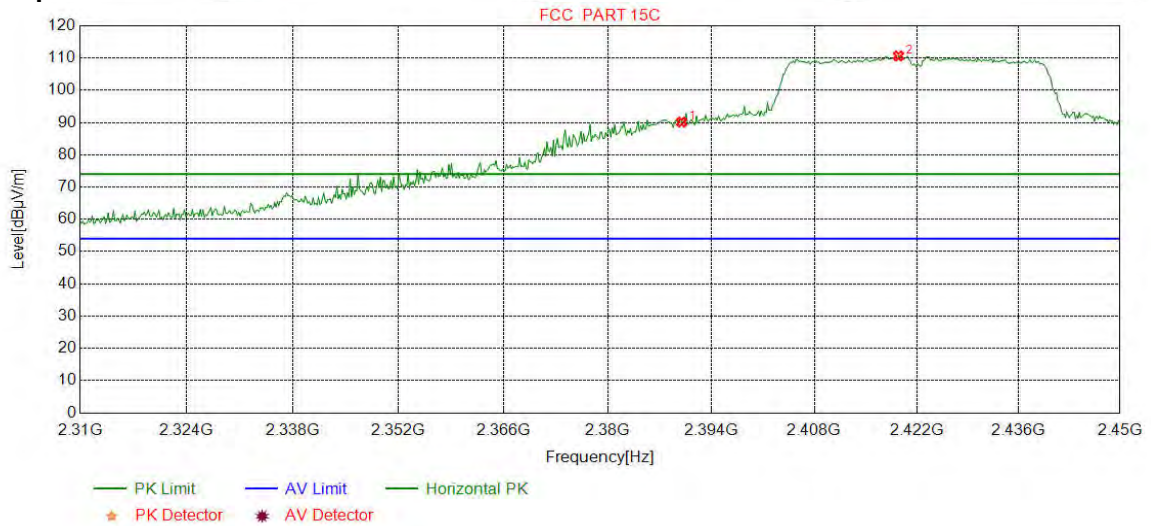
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2460.8561   | 32.35           | 13.48           | -42.41          | 78.52          | 81.94          | 54.00          | -27.94      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 41.43          | 44.79          | 54.00          | 9.21        | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 1                     |          |      |

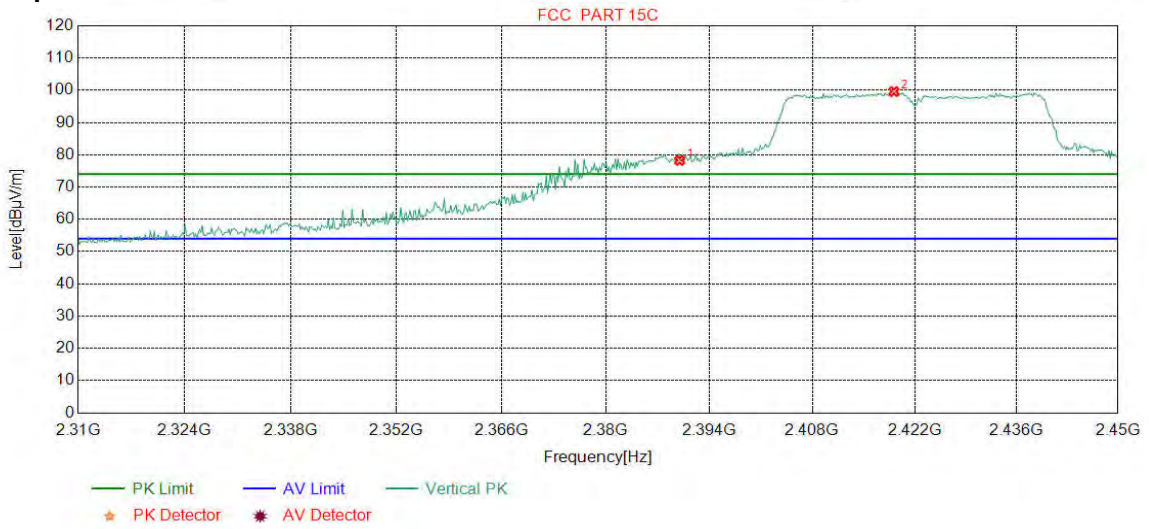
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 86.96          | 90.14          | 74.00          | -16.14      | Pass   | Horizontal |
| 2  | 2419.5119   | 32.29           | 13.39           | -42.43          | 107.40         | 110.65         | 74.00          | -36.65      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 1                     |          |      |

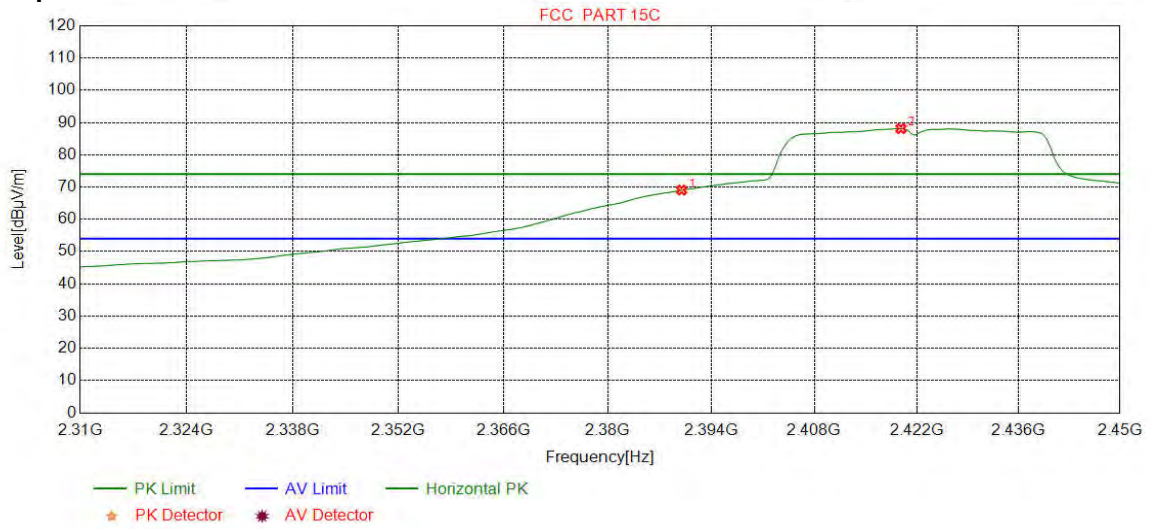
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 75.07          | 78.25          | 74.00          | -4.25       | Pass   | Vertical |
| 2  | 2419.1615   | 32.29           | 13.39           | -42.43          | 96.36          | 99.61          | 74.00          | -25.61      | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 1                     |          |      |

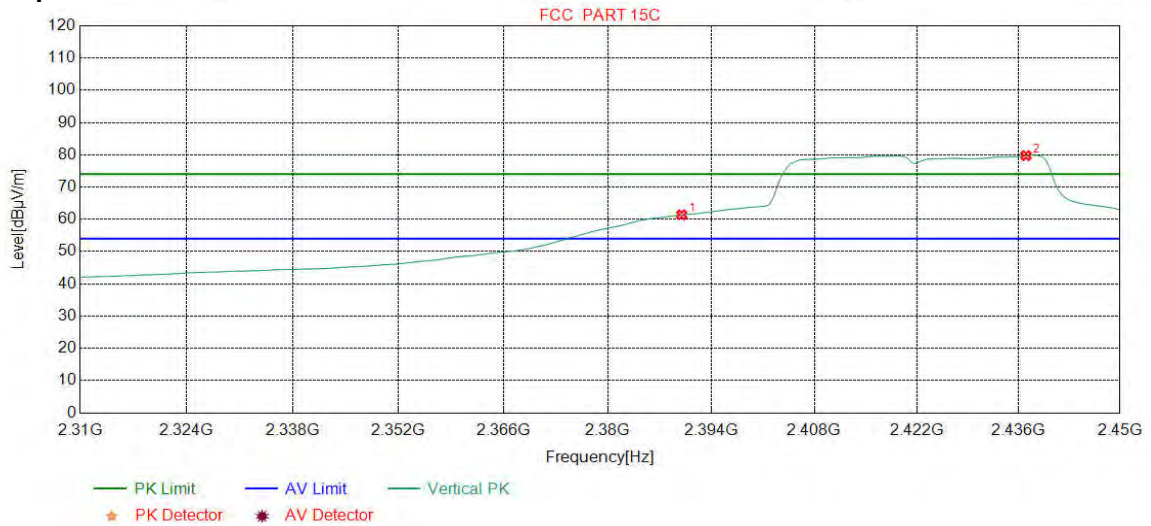
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 65.90          | 69.08          | 54.00          | -15.08      | Pass   | Horizontal |
| 2  | 2419.8623   | 32.29           | 13.39           | -42.43          | 84.87          | 88.12          | 54.00          | -34.12      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | ANT 1                     |          |      |

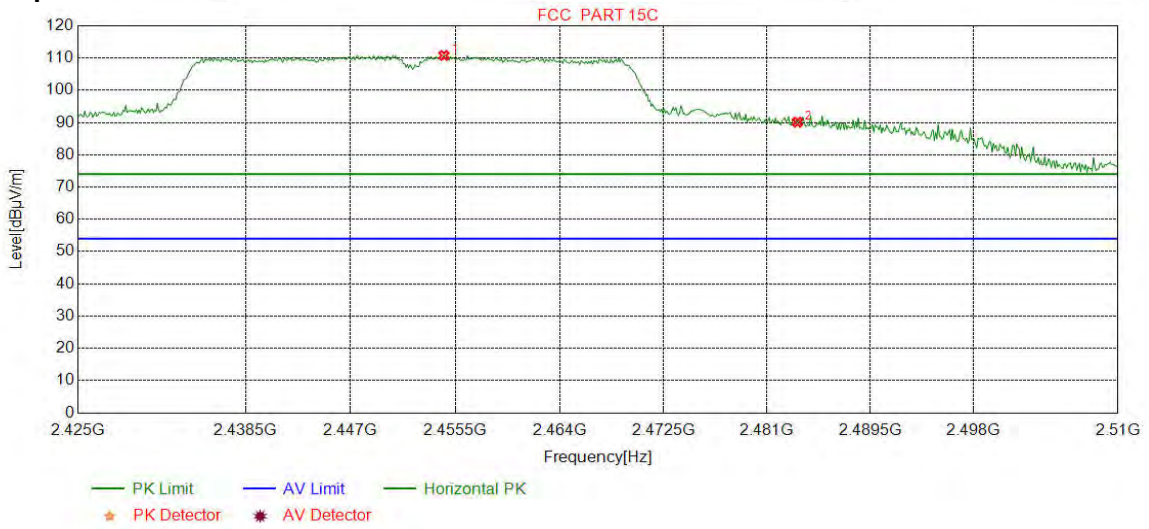
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 58.22          | 61.40          | 54.00          | -7.40       | Pass   | Vertical |
| 2  | 2437.0338   | 32.31           | 13.47           | -42.42          | 76.39          | 79.75          | 54.00          | -25.75      | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 1                     |          |      |

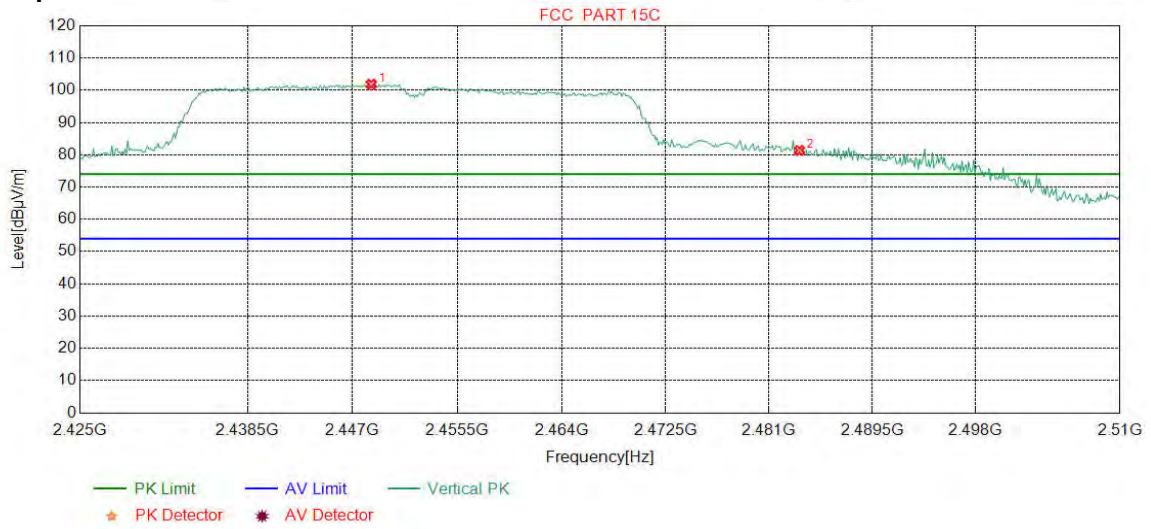
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2454.5745   | 32.34           | 13.51           | -42.41          | 107.38         | 110.82         | 74.00          | -36.82      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 86.77          | 90.13          | 74.00          | -16.13      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 1                     |          |      |

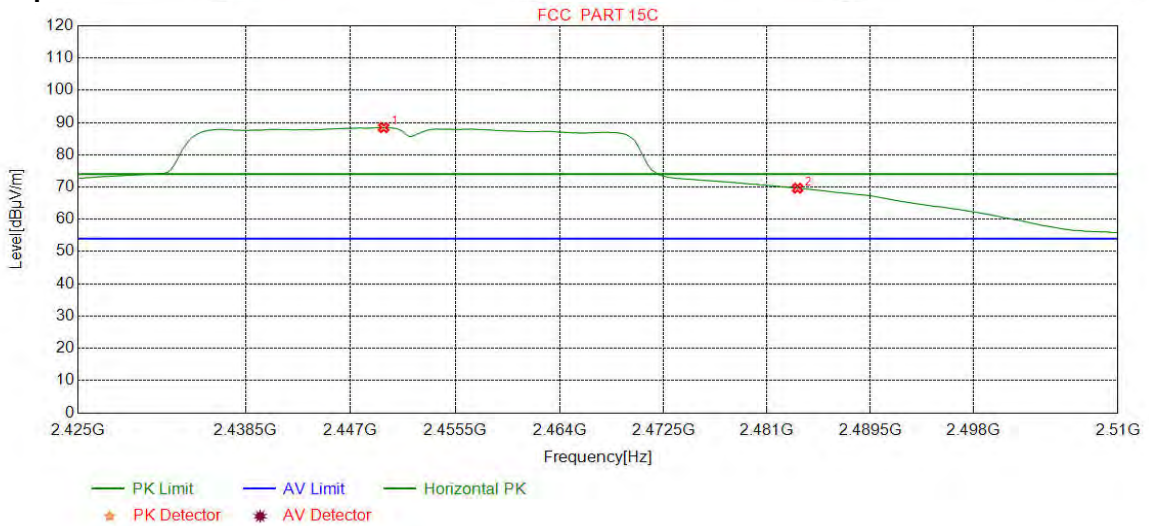
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2448.5106   | 32.33           | 13.52           | -42.41          | 98.43          | 101.87         | 74.00          | -27.87      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 77.98          | 81.34          | 74.00          | -7.34       | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 1                     |          |      |

**Test Graph**

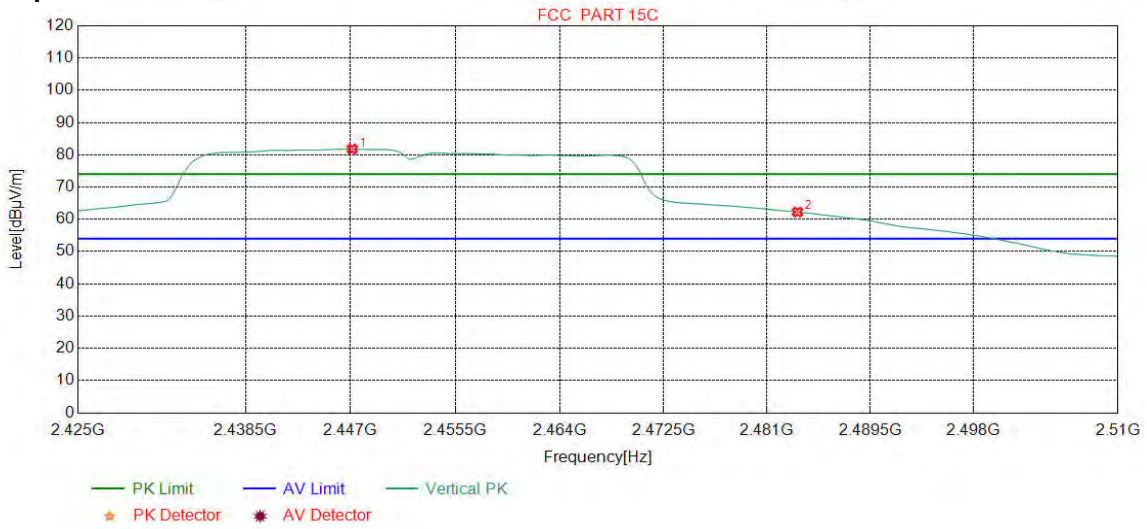


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2449.6809   | 32.33           | 13.53           | -42.41          | 84.98          | 88.43          | 54.00          | -34.43      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 66.31          | 69.67          | 54.00          | -15.67      | Pass   | Horizontal |



|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | ANT 1                     |          |      |

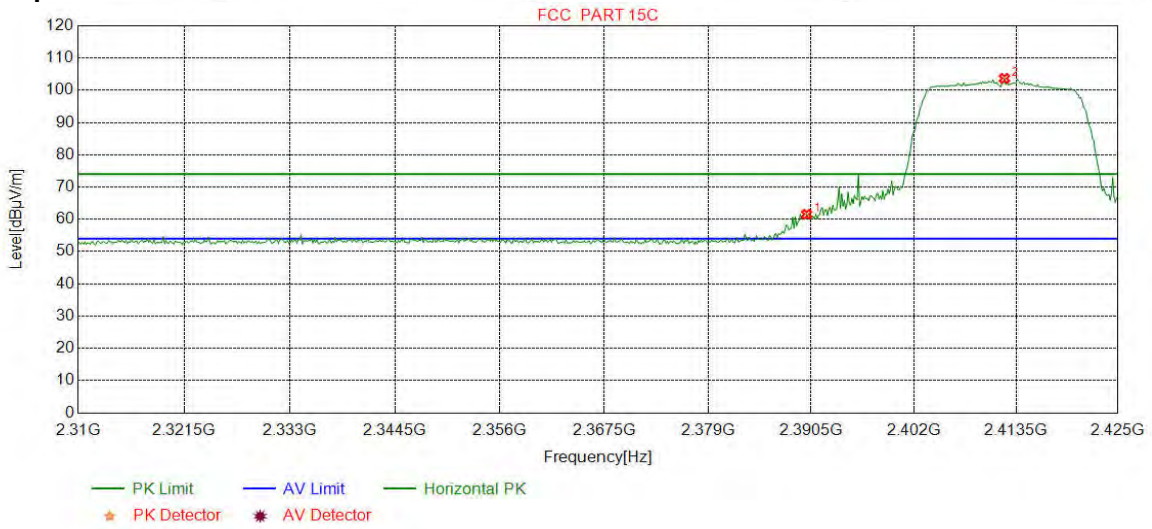
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2447.1277   | 32.33           | 13.52           | -42.42          | 78.34          | 81.77          | 54.00          | -27.77      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 58.90          | 62.26          | 54.00          | -8.26       | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | MIMO                     |          |      |

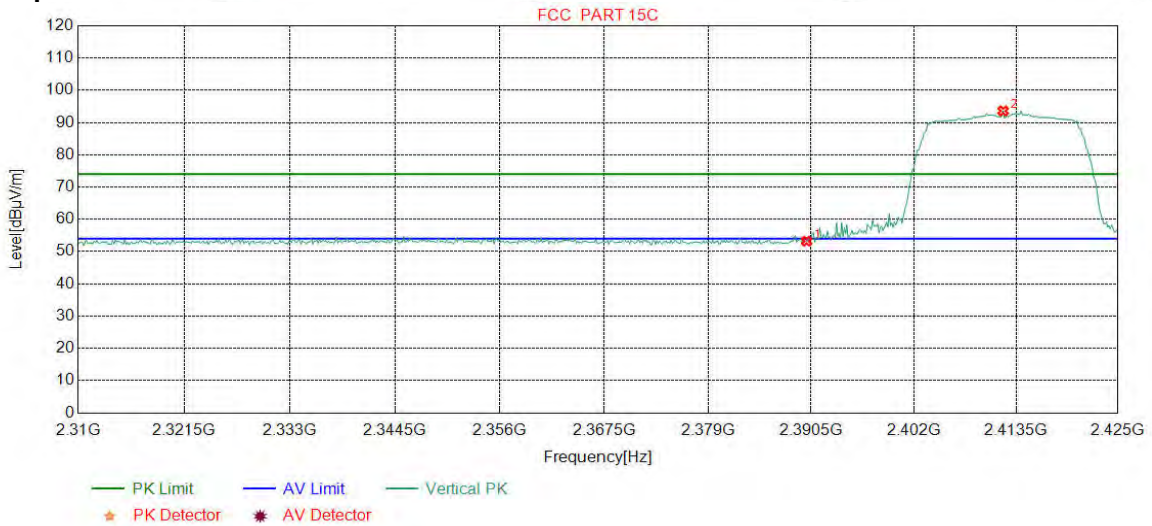
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 58.40          | 61.58          | 74.00          | 12.42       | Pass   | Horizontal |
| 2  | 2412.1902   | 32.28           | 13.36           | -42.44          | 100.48         | 103.68         | 74.00          | -29.68      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | MIMO                     |          |      |

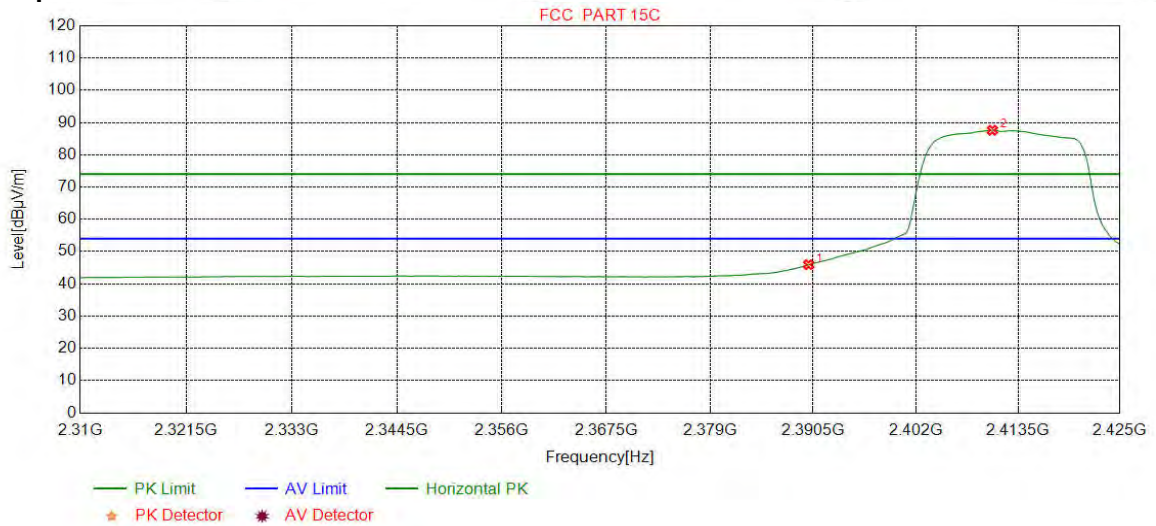
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 50.07          | 53.25          | 74.00          | 20.75       | Pass   | Vertical |
| 2  | 2412.0463   | 32.28           | 13.36           | -42.44          | 90.40          | 93.60          | 74.00          | -19.60      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | MIMO                     |          |      |

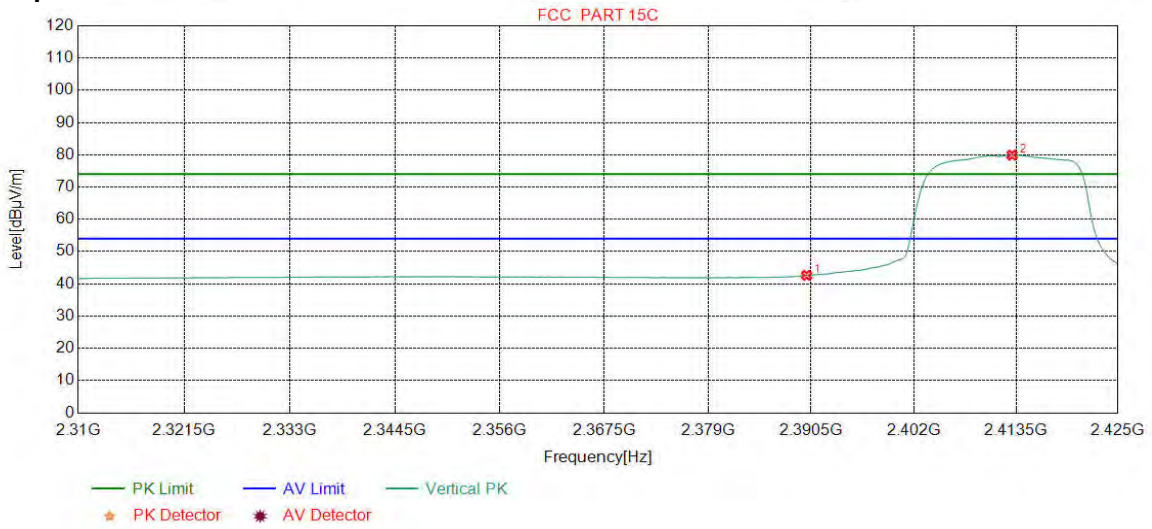
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 42.77          | 45.95          | 54.00          | 8.05        | Pass   | Horizontal |
| 2  | 2410.6070   | 32.27           | 13.35           | -42.43          | 84.42          | 87.61          | 54.00          | -33.61      | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2412 |
| Remark: | MIMO                     |          |      |

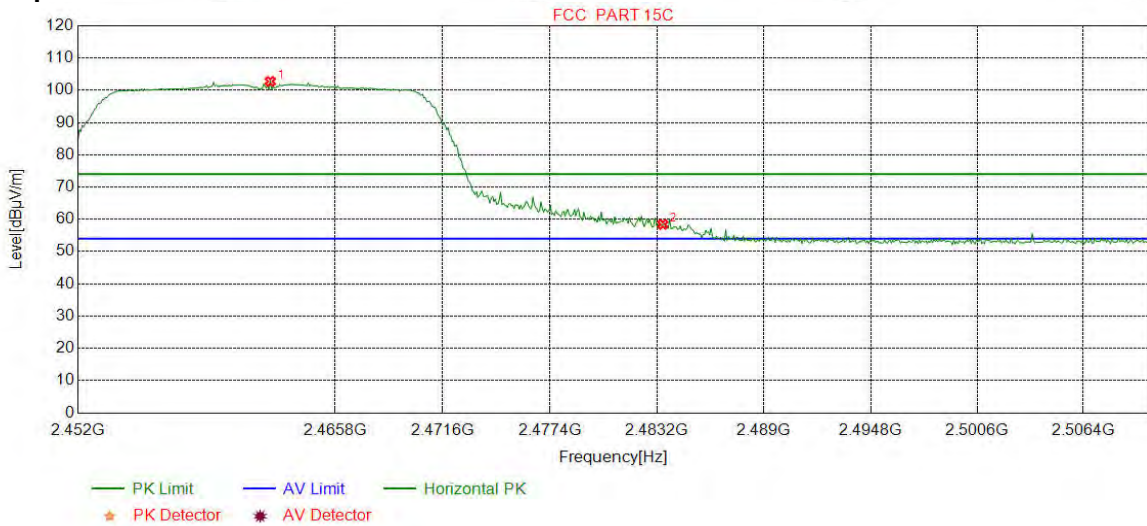
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.45          | 42.63          | 54.00          | 11.37       | Pass   | Vertical |
| 2  | 2413.0538   | 32.28           | 13.36           | -42.43          | 76.70          | 79.91          | 54.00          | -25.91      | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | MIMO                     |          |      |

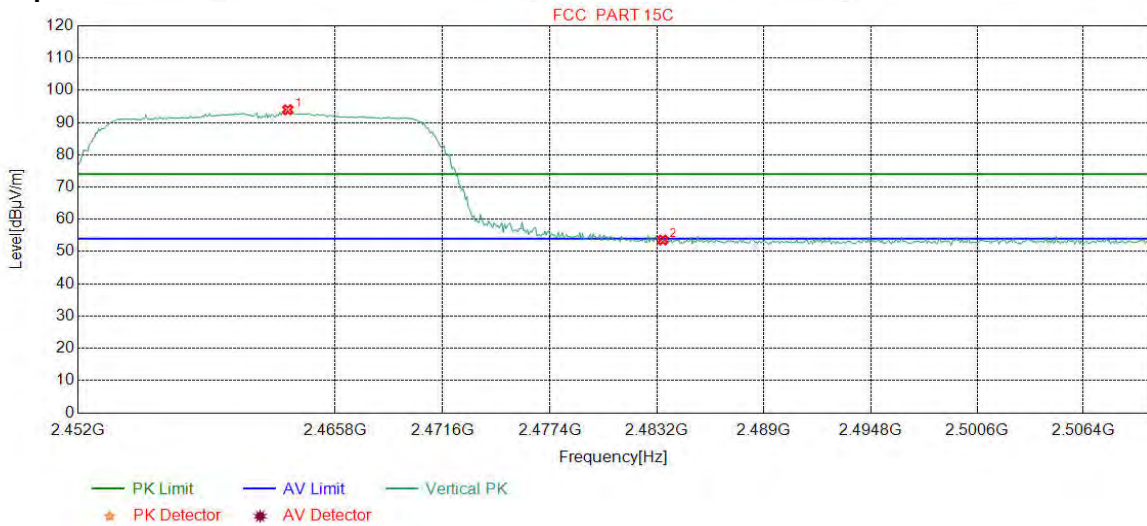
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2462.3079   | 32.35           | 13.47           | -42.41          | 99.35          | 102.76         | 74.00          | -28.76      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 55.08          | 58.44          | 74.00          | 15.56       | Pass   | Horizontal |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | MIMO                     |          |      |

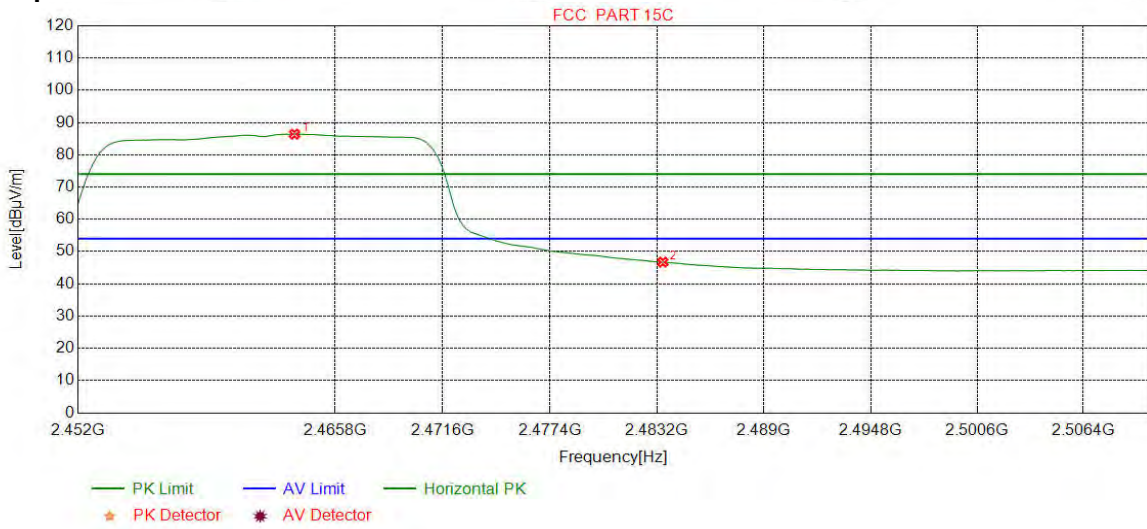
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2463.2516   | 32.35           | 13.47           | -42.41          | 90.58          | 93.99          | 74.00          | -19.99      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 50.23          | 53.59          | 74.00          | 20.41       | Pass   | Vertical |

|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | MIMO                     |          |      |

**Test Graph**

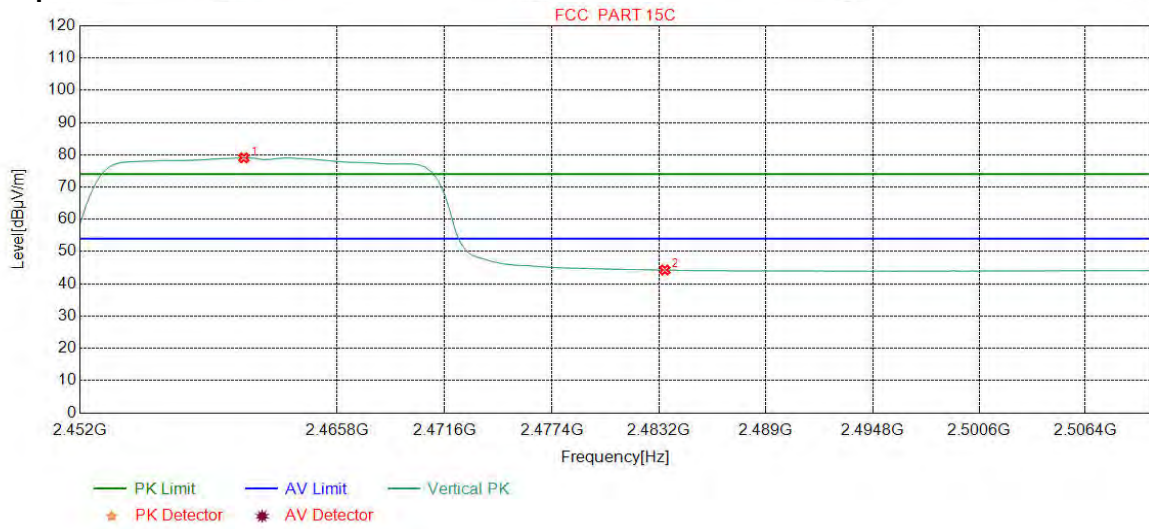


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2463.6145   | 32.35           | 13.47           | -42.41          | 83.00          | 86.41          | 54.00          | -32.41      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 43.38          | 46.74          | 54.00          | 7.26        | Pass   | Horizontal |



|         |                          |          |      |
|---------|--------------------------|----------|------|
| Mode:   | 802.11 n(HT20) (6.5Mbps) | Channel: | 2462 |
| Remark: | MIMO                     |          |      |

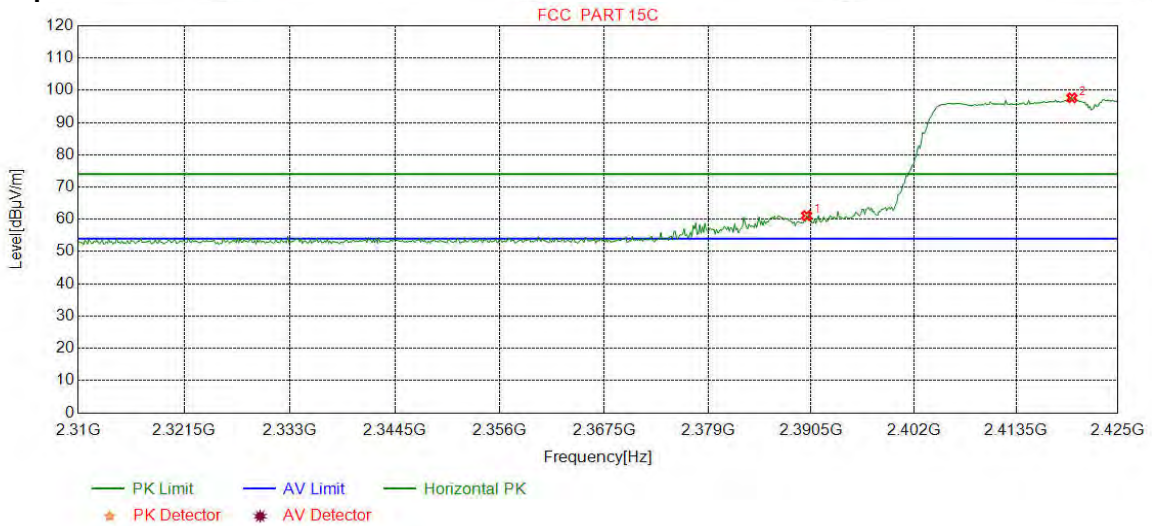
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2460.7835   | 32.35           | 13.48           | -42.41          | 75.63          | 79.05          | 54.00          | -25.05      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 40.93          | 44.29          | 54.00          | 9.71        | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | MIMO                      |          |      |

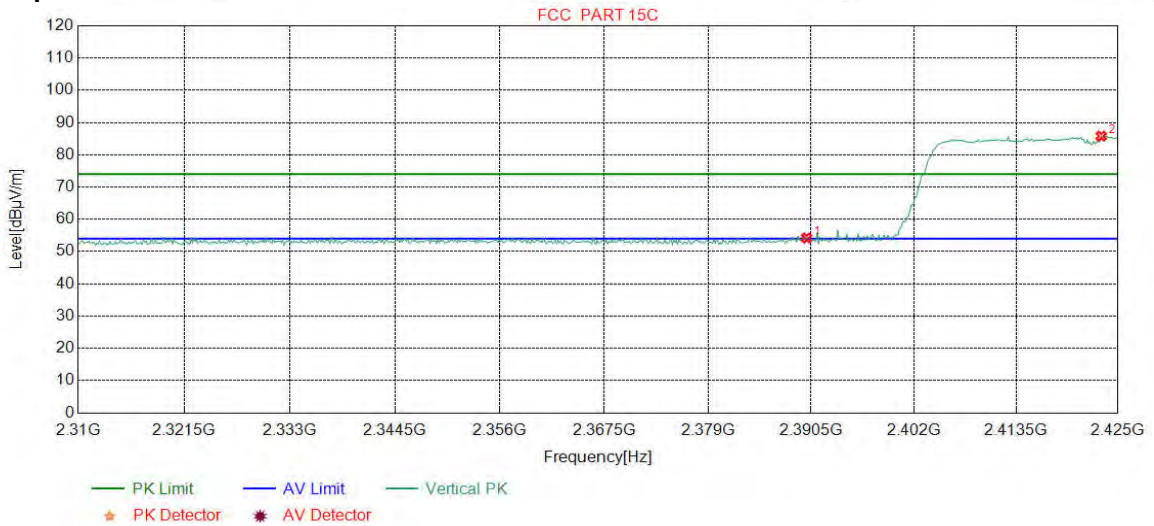
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 57.95          | 61.13          | 74.00          | 12.87       | Pass   | Horizontal |
| 2  | 2419.8185   | 32.29           | 13.39           | -42.43          | 94.41          | 97.66          | 74.00          | -23.66      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | MIMO                      |          |      |

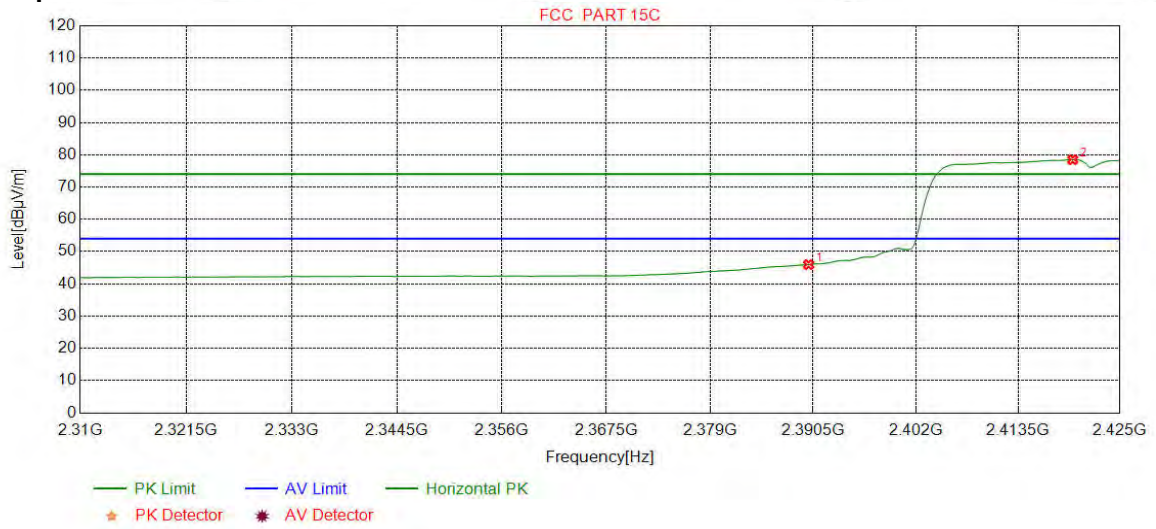
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 51.03          | 54.21          | 74.00          | 19.79       | Pass   | Vertical |
| 2  | 2423.1289   | 32.29           | 13.41           | -42.43          | 82.54          | 85.81          | 74.00          | -11.81      | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | MIMO                      |          |      |

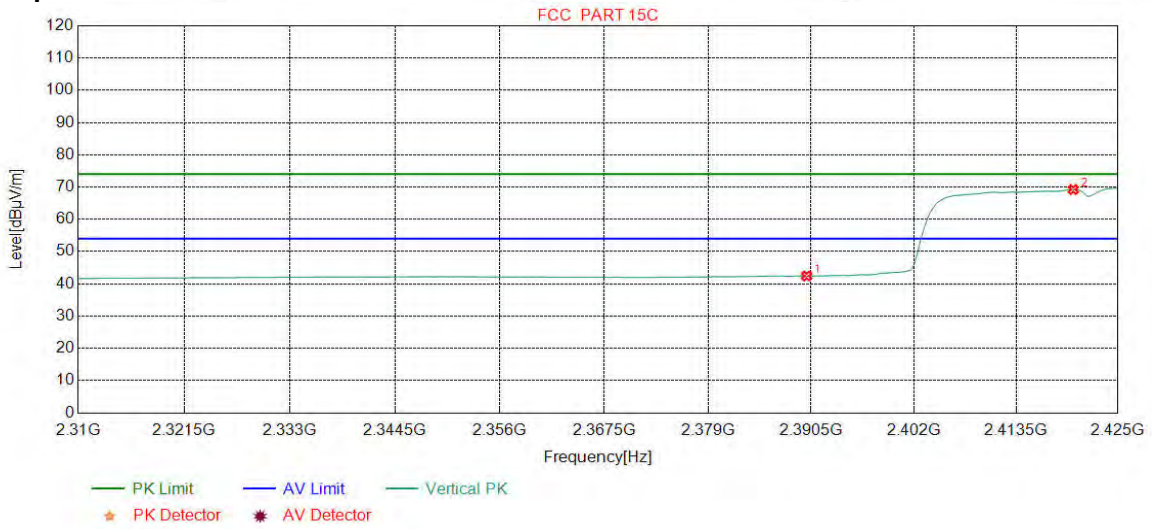
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 42.78          | 45.96          | 54.00          | 8.04        | Pass   | Horizontal |
| 2  | 2419.6746   | 32.29           | 13.39           | -42.43          | 75.24          | 78.49          | 54.00          | -24.49      | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2422 |
| Remark: | MIMO                      |          |      |

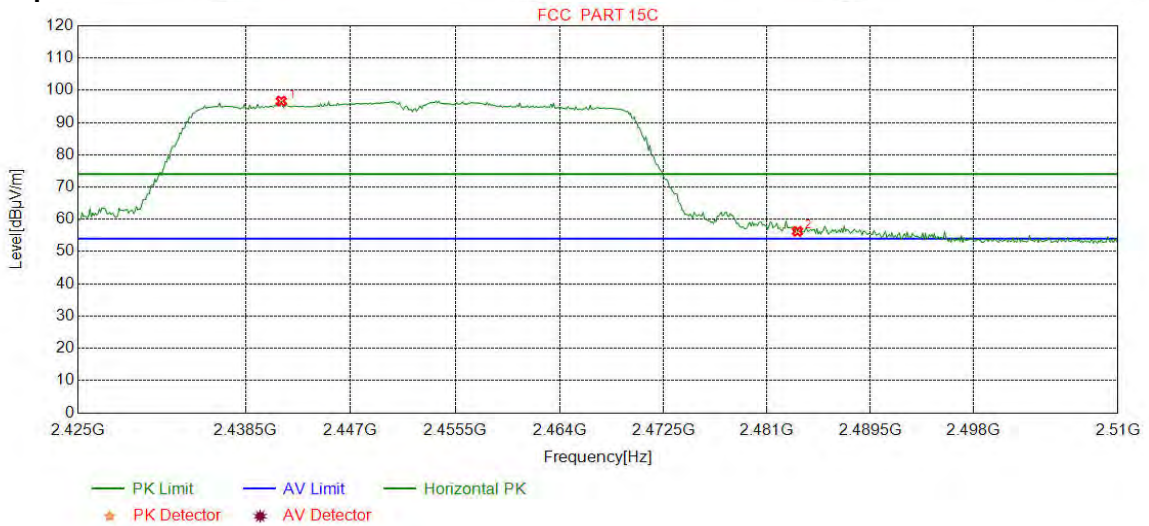
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2390.0000   | 32.25           | 13.37           | -42.44          | 39.26          | 42.44          | 54.00          | 11.56       | Pass   | Vertical |
| 2  | 2419.9625   | 32.29           | 13.39           | -42.43          | 65.98          | 69.23          | 54.00          | -15.23      | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | MIMO                      |          |      |

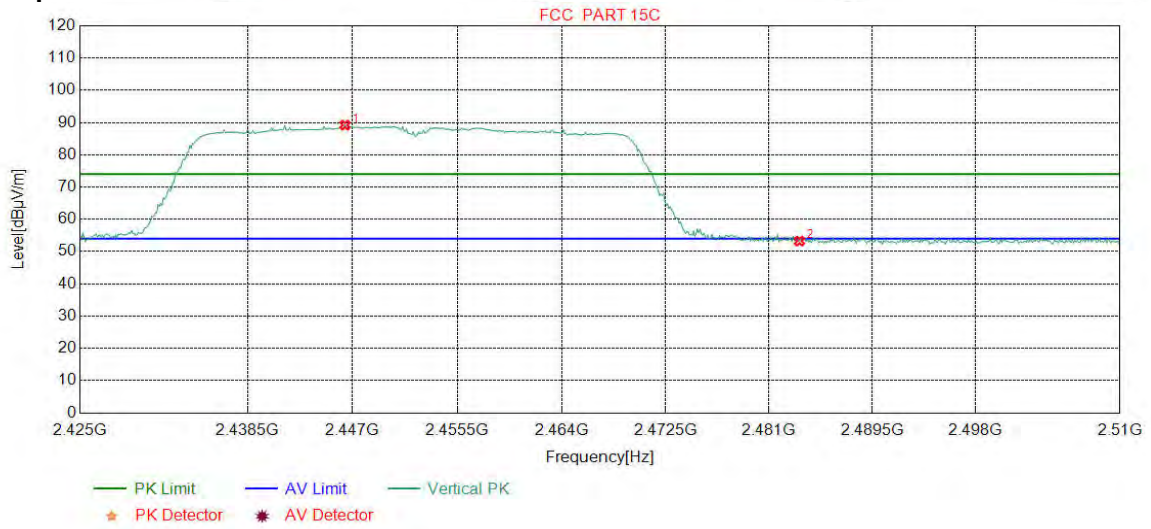
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2441.3830   | 32.32           | 13.49           | -42.42          | 93.27          | 96.66          | 74.00          | -22.66      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 52.91          | 56.27          | 74.00          | 17.73       | Pass   | Horizontal |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | MIMO                      |          |      |

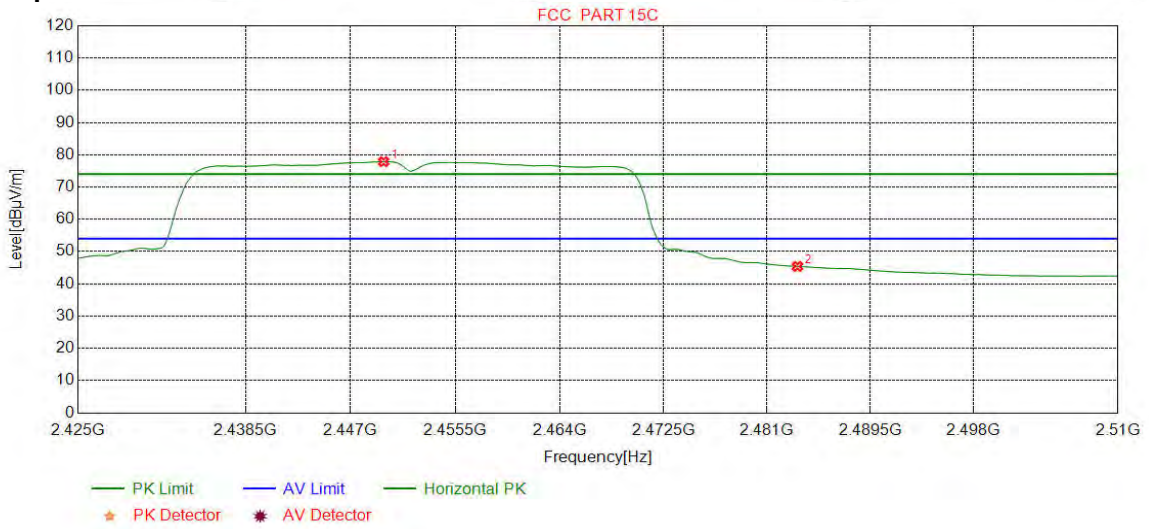
**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2446.3830   | 32.32           | 13.51           | -42.41          | 85.79          | 89.21          | 74.00          | -15.21      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 49.90          | 53.26          | 74.00          | 20.74       | Pass   | Vertical |

|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | MIMO                      |          |      |

**Test Graph**

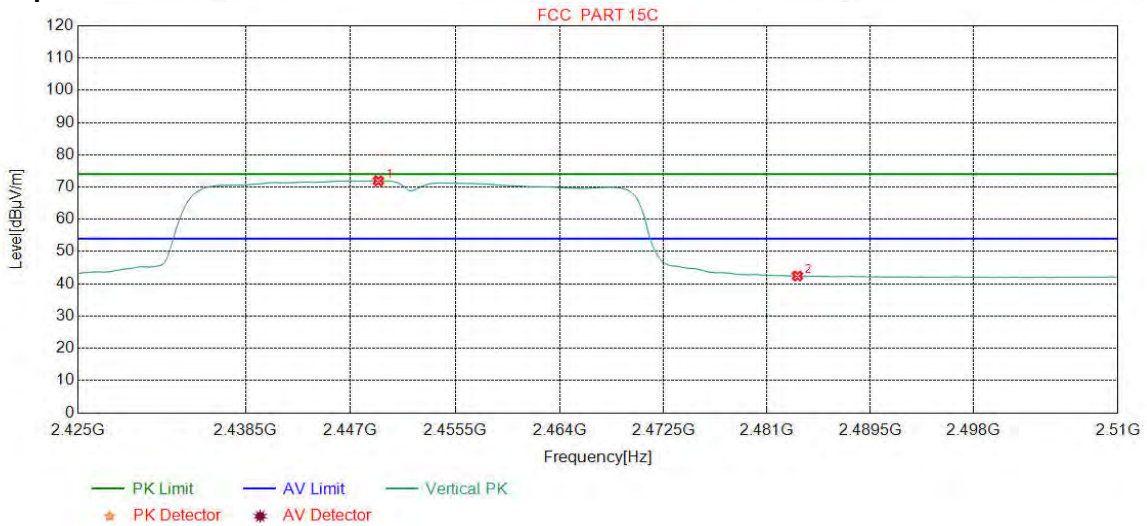


| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity   |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|------------|
| 1  | 2449.6809   | 32.33           | 13.53           | -42.41          | 74.43          | 77.88          | 54.00          | -23.88      | Pass   | Horizontal |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 42.06          | 45.42          | 54.00          | 8.58        | Pass   | Horizontal |



|         |                           |          |      |
|---------|---------------------------|----------|------|
| Mode:   | 802.11 n(HT40) (13.5Mbps) | Channel: | 2452 |
| Remark: | MIMO                      |          |      |

**Test Graph**



| NO | Freq. [MHz] | Ant Factor [dB] | Cable loss [dB] | Pream gain [dB] | Reading [dBµV] | Level [dBµV/m] | Limit [dBµV/m] | Margin [dB] | Result | Polarity |
|----|-------------|-----------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| 1  | 2449.2553   | 32.33           | 13.53           | -42.42          | 68.49          | 71.93          | 54.00          | -17.93      | Pass   | Vertical |
| 2  | 2483.5000   | 32.38           | 13.38           | -42.40          | 39.07          | 42.43          | 54.00          | 11.57       | Pass   | Vertical |

**Note:**

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40),and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor - Antenna Factor - Cable Factor

## Appendix I): Radiated Spurious Emissions

| Receiver Setup: | Frequency         | Detector   | RBW    | VBW     | Remark     |
|-----------------|-------------------|------------|--------|---------|------------|
|                 | 0.009MHz-0.090MHz | Peak       | 10kHz  | 30kHz   | Peak       |
|                 | 0.009MHz-0.090MHz | Average    | 10kHz  | 30kHz   | Average    |
|                 | 0.090MHz-0.110MHz | Quasi-peak | 10kHz  | 30kHz   | Quasi-peak |
|                 | 0.110MHz-0.490MHz | Peak       | 10kHz  | 30kHz   | Peak       |
|                 | 0.110MHz-0.490MHz | Average    | 10kHz  | 30kHz   | Average    |
|                 | 0.490MHz -30MHz   | Quasi-peak | 10kHz  | 30kHz   | Quasi-peak |
|                 | 30MHz-1GHz        | Quasi-peak | 120kHz | 300kHz  | Quasi-peak |
|                 | Above 1GHz        | Peak       | 1MHz   | 3MHz    | Peak       |
| Peak            |                   | 1MHz       | 10Hz   | Average |            |

| Test Procedure:   |
|---|
| <p><b>Below 1GHz test procedure as below:</b></p> <ol style="list-style-type: none"> <li>The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.</li> <li>The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.</li> <li>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.</li> <li>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 (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable was turned from 0 degrees to 360 degrees to find the maximum reading.</li> <li>The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.</li> <li>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.</li> </ol> <p><b>Above 1GHz test procedure as below:</b></p> <ol style="list-style-type: none"> <li>Different between above is the test site, change from Semi- Anechoic Chamber to fully Anechoic Chamber and change form table 0.8 meter to 1.5 meter( Above 18GHz the distance is 1 meter and table is 1.5 meter)..</li> <li>Test the EUT in the lowest channel ,the middle channel ,the Highest channel</li> <li>The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.</li> <li>Repeat above procedures until all frequencies measured was complete.</li> </ol> |

| Limit: | Frequency         | Field strength (microvolt/meter) | Limit (dB $\mu$ V/m) | Remark     | Measurement distance (m) |
|--------|-------------------|----------------------------------|----------------------|------------|--------------------------|
|        | 0.009MHz-0.490MHz | 2400/F(kHz)                      | -                    | -          | 300                      |
|        | 0.490MHz-1.705MHz | 24000/F(kHz)                     | -                    | -          | 30                       |
|        | 1.705MHz-30MHz    | 30                               | -                    | -          | 30                       |
|        | 30MHz-88MHz       | 100                              | 40.0                 | Quasi-peak | 3                        |
|        | 88MHz-216MHz      | 150                              | 43.5                 | Quasi-peak | 3                        |
|        | 216MHz-960MHz     | 200                              | 46.0                 | Quasi-peak | 3                        |
|        | 960MHz-1GHz       | 500                              | 54.0                 | Quasi-peak | 3                        |
|        | Above 1GHz        | 500                              | 54.0                 | Average    | 3                        |

Note: 15.35(b), Unless otherwise specified, the limit on peak radio frequency emissions is 20dB above the maximum permitted average emission limit applicable to the equipment under test. This peak limit applies to the total peak emission level radiated by the device.

**Radiated Spurious Emissions test Data:**

**Product** : WIFI+BT Module                      **Model/Type reference** : WCT3TM2311  
**Temperature** : 24°C                                      **Humidity** : 54%

**Radiated Emission below 1GHz**

**Transmitter Emission above 1GHz**  
**Antenna 0:**

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 132.0542    | 7.60                           | 1.34            | -32.01          | 55.00          | 31.93          | 43.50          | 11.57       | Pass   | H        |
| 2     | 247.6898    | 12.14                          | 1.87            | -31.90          | 59.81          | 41.92          | 46.00          | 4.08        | Pass   | H        |
| 3     | 260.8831    | 12.42                          | 1.92            | -31.87          | 59.13          | 41.60          | 46.00          | 4.40        | Pass   | H        |
| 4     | 370.6011    | 14.75                          | 2.29            | -31.87          | 45.67          | 30.84          | 46.00          | 15.16       | Pass   | H        |
| 5     | 481.0951    | 16.70                          | 2.61            | -31.90          | 45.23          | 32.64          | 46.00          | 13.36       | Pass   | H        |
| 6     | 720.0300    | 20.02                          | 3.22            | -32.07          | 48.15          | 39.32          | 46.00          | 6.68        | Pass   | H        |
| 7     | 247.3017    | 12.13                          | 1.87            | -31.90          | 56.75          | 38.85          | 46.00          | 7.15        | Pass   | V        |
| 8     | 260.4951    | 12.41                          | 1.92            | -31.87          | 55.31          | 37.77          | 46.00          | 8.23        | Pass   | V        |
| 9     | 368.0788    | 14.70                          | 2.29            | -31.87          | 41.46          | 26.58          | 46.00          | 19.42       | Pass   | V        |
| 10    | 480.4160    | 16.69                          | 2.61            | -31.90          | 39.39          | 26.79          | 46.00          | 19.21       | Pass   | V        |
| 11    | 722.5523    | 20.05                          | 3.24            | -32.08          | 46.19          | 37.40          | 46.00          | 8.60        | Pass   | V        |
| 12    | 896.0056    | 22.05                          | 3.59            | -31.59          | 41.31          | 35.36          | 46.00          | 10.64       | Pass   | V        |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 243.3243    | 12.03                          | 1.85            | -31.90          | 59.90          | 41.88          | 46.00          | 4.12        | Pass   | H        |
| 2     | 261.2711    | 12.43                          | 1.93            | -31.88          | 58.97          | 41.45          | 46.00          | 4.55        | Pass   | H        |
| 3     | 355.2735    | 14.42                          | 2.25            | -31.86          | 46.79          | 31.60          | 46.00          | 14.40       | Pass   | H        |
| 4     | 479.6400    | 16.67                          | 2.61            | -31.90          | 45.34          | 32.72          | 46.00          | 13.28       | Pass   | H        |
| 5     | 720.3210    | 20.02                          | 3.22            | -32.07          | 48.79          | 39.96          | 46.00          | 6.04        | Pass   | H        |
| 6     | 908.0348    | 22.15                          | 3.60            | -31.50          | 39.67          | 33.92          | 46.00          | 12.08       | Pass   | H        |
| 7     | 245.8466    | 12.09                          | 1.86            | -31.89          | 56.67          | 38.73          | 46.00          | 7.27        | Pass   | V        |
| 8     | 259.7190    | 12.39                          | 1.92            | -31.87          | 55.09          | 37.53          | 46.00          | 8.47        | Pass   | V        |
| 9     | 480.0280    | 16.68                          | 2.61            | -31.90          | 39.93          | 27.32          | 46.00          | 18.68       | Pass   | V        |
| 10    | 599.7380    | 18.99                          | 2.96            | -31.99          | 38.66          | 28.62          | 46.00          | 17.38       | Pass   | V        |
| 11    | 721.7762    | 20.04                          | 3.23            | -32.07          | 46.53          | 37.73          | 46.00          | 8.27        | Pass   | V        |
| 12    | 914.6315    | 22.19                          | 3.62            | -31.44          | 41.11          | 35.48          | 46.00          | 10.52       | Pass   | V        |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2462        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 134.1884    | 7.49                           | 1.36            | -32.01          | 55.90                | 32.74                | 43.50                | 10.76       | Pass   | H        |
| 2     | 245.8466    | 12.09                          | 1.86            | -31.89          | 59.80                | 41.86                | 46.00                | 4.14        | Pass   | H        |
| 3     | 260.4951    | 12.41                          | 1.92            | -31.87          | 59.24                | 41.70                | 46.00                | 4.30        | Pass   | H        |
| 4     | 354.8855    | 14.41                          | 2.25            | -31.86          | 47.31                | 32.11                | 46.00                | 13.89       | Pass   | H        |
| 5     | 480.0280    | 16.68                          | 2.61            | -31.90          | 45.47                | 32.86                | 46.00                | 13.14       | Pass   | H        |
| 6     | 721.8732    | 20.04                          | 3.23            | -32.07          | 48.81                | 40.01                | 46.00                | 5.99        | Pass   | H        |
| 7     | 246.9137    | 12.12                          | 1.87            | -31.90          | 56.93                | 39.02                | 46.00                | 6.98        | Pass   | V        |
| 8     | 260.1070    | 12.40                          | 1.92            | -31.87          | 55.15                | 37.60                | 46.00                | 8.40        | Pass   | V        |
| 9     | 400.0920    | 15.40                          | 2.38            | -31.76          | 43.36                | 29.38                | 46.00                | 16.62       | Pass   | V        |
| 10    | 480.0280    | 16.68                          | 2.61            | -31.90          | 39.88                | 27.27                | 46.00                | 18.73       | Pass   | V        |
| 11    | 719.2539    | 20.01                          | 3.22            | -32.08          | 46.21                | 37.36                | 46.00                | 8.64        | Pass   | V        |
| 12    | 908.0348    | 22.15                          | 3.60            | -31.50          | 40.93                | 35.18                | 46.00                | 10.82       | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2412        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 132.8303    | 7.56                          | 1.35            | -32.02          | 54.96                | 31.85                | 43.50                | 11.65       | Pass   | H        |
| 2     | 243.3243    | 12.03                         | 1.85            | -31.90          | 59.80                | 41.78                | 46.00                | 4.22        | Pass   | H        |
| 3     | 260.1070    | 12.40                         | 1.92            | -31.87          | 59.14                | 41.59                | 46.00                | 4.41        | Pass   | H        |
| 4     | 370.9891    | 14.76                         | 2.29            | -31.87          | 45.55                | 30.73                | 46.00                | 15.27       | Pass   | H        |
| 5     | 479.6400    | 16.67                         | 2.61            | -31.90          | 45.50                | 32.88                | 46.00                | 13.12       | Pass   | H        |
| 6     | 720.0300    | 20.02                         | 3.22            | -32.07          | 48.39                | 39.56                | 46.00                | 6.44        | Pass   | H        |
| 7     | 246.2346    | 12.10                         | 1.86            | -31.89          | 56.64                | 38.71                | 46.00                | 7.29        | Pass   | V        |
| 8     | 260.8831    | 12.42                         | 1.92            | -31.87          | 55.05                | 37.52                | 46.00                | 8.48        | Pass   | V        |
| 9     | 354.8855    | 14.41                         | 2.25            | -31.86          | 42.20                | 27.00                | 46.00                | 19.00       | Pass   | V        |
| 10    | 480.0280    | 16.68                         | 2.61            | -31.90          | 40.14                | 27.53                | 46.00                | 18.47       | Pass   | V        |
| 11    | 719.6420    | 20.02                         | 3.22            | -32.08          | 46.41                | 37.57                | 46.00                | 8.43        | Pass   | V        |
| 12    | 914.6315    | 22.19                         | 3.62            | -31.44          | 39.50                | 33.87                | 46.00                | 12.13       | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2437        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 133.5094    | 7.52                          | 1.35            | -32.00          | 54.75                | 31.62                | 43.50                | 11.88       | Pass   | H        |
| 2     | 245.9436    | 12.09                         | 1.86            | -31.89          | 59.89                | 41.95                | 46.00                | 4.05        | Pass   | H        |
| 3     | 260.4951    | 12.41                         | 1.92            | -31.87          | 59.07                | 41.53                | 46.00                | 4.47        | Pass   | H        |
| 4     | 354.8855    | 14.41                         | 2.25            | -31.86          | 46.80                | 31.60                | 46.00                | 14.40       | Pass   | H        |
| 5     | 480.0280    | 16.68                         | 2.61            | -31.90          | 45.39                | 32.78                | 46.00                | 13.22       | Pass   | H        |
| 6     | 718.1868    | 20.00                         | 3.21            | -32.08          | 48.28                | 39.41                | 46.00                | 6.59        | Pass   | H        |
| 7     | 247.0107    | 12.12                         | 1.87            | -31.90          | 56.68                | 38.77                | 46.00                | 7.23        | Pass   | V        |
| 8     | 260.4951    | 12.41                         | 1.92            | -31.87          | 54.91                | 37.37                | 46.00                | 8.63        | Pass   | V        |
| 9     | 355.2735    | 14.42                         | 2.25            | -31.86          | 42.38                | 27.19                | 46.00                | 18.81       | Pass   | V        |
| 10    | 478.5729    | 16.66                         | 2.61            | -31.90          | 39.82                | 27.19                | 46.00                | 18.81       | Pass   | V        |
| 11    | 598.2828    | 18.97                         | 2.95            | -31.98          | 39.55                | 29.49                | 46.00                | 16.51       | Pass   | V        |
| 12    | 718.4778    | 20.00                         | 3.21            | -32.07          | 46.80                | 37.94                | 46.00                | 8.06        | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2462        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 243.7124    | 12.04                         | 1.85            | -31.90          | 59.94                | 41.93                | 46.00                | 4.07        | Pass   | H        |
| 2     | 260.1070    | 12.40                         | 1.92            | -31.87          | 58.99                | 41.44                | 46.00                | 4.56        | Pass   | H        |
| 3     | 370.6011    | 14.75                         | 2.29            | -31.87          | 45.86                | 31.03                | 46.00                | 14.97       | Pass   | H        |
| 4     | 480.0280    | 16.68                         | 2.61            | -31.90          | 45.58                | 32.97                | 46.00                | 13.03       | Pass   | H        |
| 5     | 718.4778    | 20.00                         | 3.21            | -32.07          | 49.06                | 40.20                | 46.00                | 5.80        | Pass   | H        |
| 6     | 903.1843    | 22.12                         | 3.60            | -31.55          | 40.17                | 34.34                | 46.00                | 11.66       | Pass   | H        |
| 7     | 246.2346    | 12.10                         | 1.86            | -31.89          | 56.65                | 38.72                | 46.00                | 7.28        | Pass   | V        |
| 8     | 260.8831    | 12.42                         | 1.92            | -31.87          | 54.89                | 37.36                | 46.00                | 8.64        | Pass   | V        |
| 9     | 375.0635    | 14.85                         | 2.31            | -31.88          | 42.20                | 27.48                | 46.00                | 18.52       | Pass   | V        |
| 10    | 480.4160    | 16.69                         | 2.61            | -31.90          | 39.95                | 27.35                | 46.00                | 18.65       | Pass   | V        |
| 11    | 720.3210    | 20.02                         | 3.22            | -32.07          | 46.61                | 37.78                | 46.00                | 8.22        | Pass   | V        |
| 12    | 828.0988    | 21.24                         | 3.46            | -31.96          | 42.38                | 35.12                | 46.00                | 10.88       | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 135.3525    | 7.43                      | 1.36            | -32.00          | 55.40          | 32.19          | 43.50          | 11.31       | Pass   | H        |
| 2     | 245.5556    | 12.08                     | 1.86            | -31.89          | 59.91          | 41.96          | 46.00          | 4.04        | Pass   | H        |
| 3     | 260.1070    | 12.40                     | 1.92            | -31.87          | 59.27          | 41.72          | 46.00          | 4.28        | Pass   | H        |
| 4     | 355.1765    | 14.41                     | 2.25            | -31.85          | 47.21          | 32.02          | 46.00          | 13.98       | Pass   | H        |
| 5     | 478.9609    | 16.66                     | 2.61            | -31.90          | 45.60          | 32.97          | 46.00          | 13.03       | Pass   | H        |
| 6     | 720.7091    | 20.03                     | 3.23            | -32.08          | 48.29          | 39.47          | 46.00          | 6.53        | Pass   | H        |
| 7     | 248.1748    | 12.15                     | 1.87            | -31.89          | 56.65          | 38.78          | 46.00          | 7.22        | Pass   | V        |
| 8     | 260.4951    | 12.41                     | 1.92            | -31.87          | 55.31          | 37.77          | 46.00          | 8.23        | Pass   | V        |
| 9     | 375.7426    | 14.87                     | 2.31            | -31.89          | 41.10          | 26.39          | 46.00          | 19.61       | Pass   | V        |
| 10    | 479.6400    | 16.67                     | 2.61            | -31.90          | 39.72          | 27.10          | 46.00          | 18.90       | Pass   | V        |
| 11    | 599.7380    | 18.99                     | 2.96            | -31.99          | 38.76          | 28.72          | 46.00          | 17.28       | Pass   | V        |
| 12    | 719.2539    | 20.01                     | 3.22            | -32.08          | 46.43          | 37.58          | 46.00          | 8.42        | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 240.4140    | 11.95                     | 1.84            | -31.90          | 59.90          | 41.79          | 46.00          | 4.21        | Pass   | H        |
| 2     | 260.8831    | 12.42                     | 1.92            | -31.87          | 58.97          | 41.44          | 46.00          | 4.56        | Pass   | H        |
| 3     | 354.8855    | 14.41                     | 2.25            | -31.86          | 47.21          | 32.01          | 46.00          | 13.99       | Pass   | H        |
| 4     | 478.5729    | 16.66                     | 2.61            | -31.90          | 45.22          | 32.59          | 46.00          | 13.41       | Pass   | H        |
| 5     | 600.0290    | 19.00                     | 2.96            | -31.99          | 40.97          | 30.94          | 46.00          | 15.06       | Pass   | H        |
| 6     | 718.4778    | 20.00                     | 3.21            | -32.07          | 48.21          | 39.35          | 46.00          | 6.65        | Pass   | H        |
| 7     | 247.0107    | 12.12                     | 1.87            | -31.90          | 56.87          | 38.96          | 46.00          | 7.04        | Pass   | V        |
| 8     | 260.8831    | 12.42                     | 1.92            | -31.87          | 55.05          | 37.52          | 46.00          | 8.48        | Pass   | V        |
| 9     | 372.0562    | 14.79                     | 2.30            | -31.88          | 41.31          | 26.52          | 46.00          | 19.48       | Pass   | V        |
| 10    | 477.4087    | 16.64                     | 2.60            | -31.89          | 39.51          | 26.86          | 46.00          | 19.14       | Pass   | V        |
| 11    | 625.0575    | 19.20                     | 2.97            | -31.98          | 38.13          | 28.32          | 46.00          | 17.68       | Pass   | V        |
| 12    | 720.3210    | 20.02                     | 3.22            | -32.07          | 46.70          | 37.87          | 46.00          | 8.13        | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2462        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 131.7632    | 7.61                      | 1.34            | -32.01          | 55.53          | 32.47          | 43.50          | 11.03       | Pass   | H        |
| 2     | 245.1675    | 12.07                     | 1.86            | -31.89          | 59.93          | 41.97          | 46.00          | 4.03        | Pass   | H        |
| 3     | 260.1070    | 12.40                     | 1.92            | -31.87          | 58.94          | 41.39          | 46.00          | 4.61        | Pass   | H        |
| 4     | 355.1765    | 14.41                     | 2.25            | -31.85          | 46.02          | 30.83          | 46.00          | 15.17       | Pass   | H        |
| 5     | 480.0280    | 16.68                     | 2.61            | -31.90          | 45.35          | 32.74          | 46.00          | 13.26       | Pass   | H        |
| 6     | 720.0300    | 20.02                     | 3.22            | -32.07          | 48.26          | 39.43          | 46.00          | 6.57        | Pass   | H        |
| 7     | 247.6898    | 12.14                     | 1.87            | -31.90          | 56.86          | 38.97          | 46.00          | 7.03        | Pass   | V        |
| 8     | 260.1070    | 12.40                     | 1.92            | -31.87          | 55.19          | 37.64          | 46.00          | 8.36        | Pass   | V        |
| 9     | 354.8855    | 14.41                     | 2.25            | -31.86          | 41.96          | 26.76          | 46.00          | 19.24       | Pass   | V        |
| 10    | 478.9609    | 16.66                     | 2.61            | -31.90          | 39.60          | 26.97          | 46.00          | 19.03       | Pass   | V        |
| 11    | 598.9619    | 18.98                     | 2.95            | -31.98          | 42.79          | 32.74          | 46.00          | 13.26       | Pass   | V        |
| 12    | 719.6420    | 20.02                     | 3.22            | -32.08          | 46.44          | 37.60          | 46.00          | 8.40        | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2422        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 136.0316    | 7.40                       | 1.37            | -32.01          | 55.79          | 32.55          | 43.50          | 10.95       | Pass   | H        |
| 2     | 245.9436    | 12.09                      | 1.86            | -31.89          | 59.91          | 41.97          | 46.00          | 4.03        | Pass   | H        |
| 3     | 260.4951    | 12.41                      | 1.92            | -31.87          | 59.14          | 41.60          | 46.00          | 4.40        | Pass   | H        |
| 4     | 366.6237    | 14.67                      | 2.28            | -31.86          | 46.09          | 31.18          | 46.00          | 14.82       | Pass   | H        |
| 5     | 480.0280    | 16.68                      | 2.61            | -31.90          | 45.56          | 32.95          | 46.00          | 13.05       | Pass   | H        |
| 6     | 723.6194    | 20.06                      | 3.25            | -32.09          | 48.27          | 39.49          | 46.00          | 6.51        | Pass   | H        |
| 7     | 240.0260    | 11.94                      | 1.84            | -31.90          | 57.37          | 39.25          | 46.00          | 6.75        | Pass   | V        |
| 8     | 259.8160    | 12.40                      | 1.92            | -31.87          | 55.11          | 37.56          | 46.00          | 8.44        | Pass   | V        |
| 9     | 374.9665    | 14.85                      | 2.30            | -31.88          | 41.37          | 26.64          | 46.00          | 19.36       | Pass   | V        |
| 10    | 480.0280    | 16.68                      | 2.61            | -31.90          | 39.85          | 27.24          | 46.00          | 18.76       | Pass   | V        |
| 11    | 720.4180    | 20.02                      | 3.22            | -32.06          | 46.47          | 37.65          | 46.00          | 8.35        | Pass   | V        |
| 12    | 797.8318    | 20.88                      | 3.39            | -32.03          | 39.06          | 31.30          | 46.00          | 14.70       | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 132.3452    | 7.58                       | 1.34            | -32.01          | 55.08          | 31.99          | 43.50          | 11.51       | Pass   | H        |
| 2     | 246.2346    | 12.10                      | 1.86            | -31.89          | 59.86          | 41.93          | 46.00          | 4.07        | Pass   | H        |
| 3     | 260.4951    | 12.41                      | 1.92            | -31.87          | 58.93          | 41.39          | 46.00          | 4.61        | Pass   | H        |
| 4     | 354.8855    | 14.41                      | 2.25            | -31.86          | 46.49          | 31.29          | 46.00          | 14.71       | Pass   | H        |
| 5     | 479.2519    | 16.67                      | 2.61            | -31.90          | 45.34          | 32.72          | 46.00          | 13.28       | Pass   | H        |
| 6     | 718.1868    | 20.00                      | 3.21            | -32.08          | 48.73          | 39.86          | 46.00          | 6.14        | Pass   | H        |
| 7     | 247.6898    | 12.14                      | 1.87            | -31.90          | 56.70          | 38.81          | 46.00          | 7.19        | Pass   | V        |
| 8     | 259.4279    | 12.39                      | 1.92            | -31.88          | 55.17          | 37.60          | 46.00          | 8.40        | Pass   | V        |
| 9     | 479.6400    | 16.67                      | 2.61            | -31.90          | 40.05          | 27.43          | 46.00          | 18.57       | Pass   | V        |
| 10    | 597.9918    | 18.96                      | 2.95            | -31.98          | 38.98          | 28.91          | 46.00          | 17.09       | Pass   | V        |
| 11    | 721.8732    | 20.04                      | 3.23            | -32.07          | 46.39          | 37.59          | 46.00          | 8.41        | Pass   | V        |
| 12    | 799.2869    | 20.89                      | 3.39            | -32.03          | 39.43          | 31.68          | 46.00          | 14.32       | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 133.5094    | 7.52                       | 1.35            | -32.00          | 55.49          | 32.36          | 43.50          | 11.14       | Pass   | H        |
| 2     | 245.9436    | 12.09                      | 1.86            | -31.89          | 60.09          | 42.15          | 46.00          | 3.85        | Pass   | H        |
| 3     | 260.1070    | 12.40                      | 1.92            | -31.87          | 58.96          | 41.41          | 46.00          | 4.59        | Pass   | H        |
| 4     | 354.4975    | 14.40                      | 2.25            | -31.86          | 47.37          | 32.16          | 46.00          | 13.84       | Pass   | H        |
| 5     | 480.0280    | 16.68                      | 2.61            | -31.90          | 45.35          | 32.74          | 46.00          | 13.26       | Pass   | H        |
| 6     | 716.3436    | 19.98                      | 3.21            | -32.10          | 48.43          | 39.52          | 46.00          | 6.48        | Pass   | H        |
| 7     | 240.0260    | 11.94                      | 1.84            | -31.90          | 57.06          | 38.94          | 46.00          | 7.06        | Pass   | V        |
| 8     | 260.4951    | 12.41                      | 1.92            | -31.87          | 55.00          | 37.46          | 46.00          | 8.54        | Pass   | V        |
| 9     | 398.9279    | 15.38                      | 2.38            | -31.77          | 40.79          | 26.78          | 46.00          | 19.22       | Pass   | V        |
| 10    | 478.5729    | 16.66                      | 2.61            | -31.90          | 39.74          | 27.11          | 46.00          | 18.89       | Pass   | V        |
| 11    | 564.8145    | 18.30                      | 2.81            | -32.01          | 46.58          | 35.68          | 46.00          | 10.32       | Pass   | V        |
| 12    | 737.2007    | 20.21                      | 3.26            | -32.12          | 46.68          | 38.03          | 46.00          | 7.97        | Pass   | V        |



**Antenna 1:**

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                          | 0.68            | -32.11          | 36.33          | 16.20          | 40.00          | 23.80       | Pass   | H        |
| 2     | 133.8974    | 7.51                           | 1.35            | -32.01          | 55.78          | 32.63          | 43.50          | 10.87       | Pass   | H        |
| 3     | 245.1675    | 12.07                          | 1.86            | -31.89          | 59.96          | 42.00          | 46.00          | 4.00        | Pass   | H        |
| 4     | 261.2711    | 12.43                          | 1.93            | -31.88          | 59.03          | 41.51          | 46.00          | 4.49        | Pass   | H        |
| 5     | 479.2519    | 16.67                          | 2.61            | -31.90          | 45.97          | 33.35          | 46.00          | 12.65       | Pass   | H        |
| 6     | 720.3210    | 20.02                          | 3.22            | -32.07          | 48.53          | 39.70          | 46.00          | 6.30        | Pass   | H        |
| 7     | 30.7761     | 10.53                          | 0.63            | -32.12          | 41.80          | 20.84          | 40.00          | 19.16       | Pass   | V        |
| 8     | 60.7521     | 11.40                          | 0.90            | -32.03          | 38.97          | 19.24          | 40.00          | 20.76       | Pass   | V        |
| 9     | 105.7646    | 10.94                          | 1.21            | -32.06          | 39.89          | 19.98          | 43.50          | 23.52       | Pass   | V        |
| 10    | 247.3017    | 12.13                          | 1.87            | -31.90          | 56.93          | 39.03          | 46.00          | 6.97        | Pass   | V        |
| 11    | 260.4951    | 12.41                          | 1.92            | -31.87          | 55.33          | 37.79          | 46.00          | 8.21        | Pass   | V        |
| 12    | 719.2539    | 20.01                          | 3.22            | -32.08          | 46.51          | 37.66          | 46.00          | 8.34        | Pass   | V        |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                          | 0.68            | -32.11          | 36.92          | 16.79          | 40.00          | 23.21       | Pass   | H        |
| 2     | 131.7632    | 7.61                           | 1.34            | -32.01          | 55.35          | 32.29          | 43.50          | 11.21       | Pass   | H        |
| 3     | 245.8466    | 12.09                          | 1.86            | -31.89          | 59.93          | 41.99          | 46.00          | 4.01        | Pass   | H        |
| 4     | 260.1070    | 12.40                          | 1.92            | -31.87          | 59.07          | 41.52          | 46.00          | 4.48        | Pass   | H        |
| 5     | 721.7762    | 20.04                          | 3.23            | -32.07          | 48.44          | 39.64          | 46.00          | 6.36        | Pass   | H        |
| 6     | 908.0348    | 22.15                          | 3.60            | -31.50          | 43.58          | 37.83          | 46.00          | 8.17        | Pass   | H        |
| 7     | 54.8345     | 12.43                          | 0.84            | -32.09          | 39.29          | 20.47          | 40.00          | 19.53       | Pass   | V        |
| 8     | 120.0250    | 9.20                           | 1.30            | -32.07          | 42.79          | 21.22          | 43.50          | 22.28       | Pass   | V        |
| 9     | 248.0778    | 12.15                          | 1.87            | -31.90          | 56.73          | 38.85          | 46.00          | 7.15        | Pass   | V        |
| 10    | 260.4951    | 12.41                          | 1.92            | -31.87          | 55.10          | 37.56          | 46.00          | 8.44        | Pass   | V        |
| 11    | 721.4851    | 20.04                          | 3.23            | -32.08          | 46.48          | 37.67          | 46.00          | 8.33        | Pass   | V        |
| 12    | 908.0348    | 22.15                          | 3.60            | -31.50          | 40.94          | 35.19          | 46.00          | 10.81       | Pass   | V        |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2462        |        |          |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                          | 0.68            | -32.11          | 37.59          | 17.46          | 40.00          | 22.54       | Pass   | H        |
| 2     | 133.8974    | 7.51                           | 1.35            | -32.01          | 55.77          | 32.62          | 43.50          | 10.88       | Pass   | H        |
| 3     | 245.1675    | 12.07                          | 1.86            | -31.89          | 59.98          | 42.02          | 46.00          | 3.98        | Pass   | H        |
| 4     | 260.4951    | 12.41                          | 1.92            | -31.87          | 59.76          | 42.22          | 46.00          | 3.78        | Pass   | H        |
| 5     | 721.4851    | 20.04                          | 3.23            | -32.08          | 48.49          | 39.68          | 46.00          | 6.32        | Pass   | H        |
| 6     | 908.0348    | 22.15                          | 3.60            | -31.50          | 39.20          | 33.45          | 46.00          | 12.55       | Pass   | H        |
| 7     | 54.5435     | 12.47                          | 0.84            | -32.08          | 38.96          | 20.19          | 40.00          | 19.81       | Pass   | V        |
| 8     | 124.3904    | 8.54                           | 1.31            | -32.04          | 44.73          | 22.54          | 43.50          | 20.96       | Pass   | V        |
| 9     | 208.9829    | 11.13                          | 1.71            | -31.94          | 50.97          | 31.87          | 43.50          | 11.63       | Pass   | V        |
| 10    | 247.3017    | 12.13                          | 1.87            | -31.90          | 56.83          | 38.93          | 46.00          | 7.07        | Pass   | V        |
| 11    | 259.4279    | 12.39                          | 1.92            | -31.88          | 55.09          | 37.52          | 46.00          | 8.48        | Pass   | V        |
| 12    | 719.2539    | 20.01                          | 3.22            | -32.08          | 46.52          | 37.67          | 46.00          | 8.33        | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                         | 0.68            | -32.11          | 37.96          | 17.83          | 40.00          | 22.17       | Pass   | H        |
| 2     | 130.5021    | 7.67                          | 1.33            | -32.01          | 54.81          | 31.80          | 43.50          | 11.70       | Pass   | H        |
| 3     | 213.3483    | 11.25                         | 1.74            | -31.96          | 51.88          | 32.91          | 43.50          | 10.59       | Pass   | H        |
| 4     | 240.0260    | 11.94                         | 1.84            | -31.90          | 60.12          | 42.00          | 46.00          | 4.00        | Pass   | H        |
| 5     | 261.2711    | 12.43                         | 1.93            | -31.88          | 59.14          | 41.62          | 46.00          | 4.38        | Pass   | H        |
| 6     | 719.2539    | 20.01                         | 3.22            | -32.08          | 48.23          | 39.38          | 46.00          | 6.62        | Pass   | H        |
| 7     | 66.6697     | 9.87                          | 0.93            | -32.05          | 41.04          | 19.79          | 40.00          | 20.21       | Pass   | V        |
| 8     | 123.8084    | 8.63                          | 1.31            | -32.05          | 45.19          | 23.08          | 43.50          | 20.42       | Pass   | V        |
| 9     | 184.3424    | 9.41                          | 1.59            | -31.98          | 44.15          | 23.17          | 43.50          | 20.33       | Pass   | V        |
| 10    | 246.6227    | 12.11                         | 1.87            | -31.90          | 56.78          | 38.86          | 46.00          | 7.14        | Pass   | V        |
| 11    | 260.1070    | 12.40                         | 1.92            | -31.87          | 55.13          | 37.58          | 46.00          | 8.42        | Pass   | V        |
| 12    | 722.1642    | 20.04                         | 3.24            | -32.08          | 46.58          | 37.78          | 46.00          | 8.22        | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2437        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                         | 0.68            | -32.11          | 37.38                | 17.25                | 40.00                | 22.75       | Pass   | H        |
| 2     | 131.6662    | 7.62                          | 1.34            | -32.02          | 55.36                | 32.30                | 43.50                | 11.20       | Pass   | H        |
| 3     | 240.4140    | 11.95                         | 1.84            | -31.90          | 59.93                | 41.82                | 46.00                | 4.18        | Pass   | H        |
| 4     | 261.2711    | 12.43                         | 1.93            | -31.88          | 59.07                | 41.55                | 46.00                | 4.45        | Pass   | H        |
| 5     | 721.8732    | 20.04                         | 3.23            | -32.07          | 49.18                | 40.38                | 46.00                | 5.62        | Pass   | H        |
| 6     | 892.9983    | 22.02                         | 3.59            | -31.62          | 43.40                | 37.39                | 46.00                | 8.61        | Pass   | H        |
| 7     | 55.2225     | 12.36                         | 0.84            | -32.07          | 39.77                | 20.90                | 40.00                | 19.10       | Pass   | V        |
| 8     | 208.8859    | 11.13                         | 1.71            | -31.94          | 49.68                | 30.58                | 43.50                | 12.92       | Pass   | V        |
| 9     | 238.9589    | 11.91                         | 1.83            | -31.89          | 56.86                | 38.71                | 46.00                | 7.29        | Pass   | V        |
| 10    | 260.8831    | 12.42                         | 1.92            | -31.87          | 54.89                | 37.36                | 46.00                | 8.64        | Pass   | V        |
| 11    | 718.4778    | 20.00                         | 3.21            | -32.07          | 46.77                | 37.91                | 46.00                | 8.09        | Pass   | V        |
| 12    | 996.3136    | 22.68                         | 3.79            | -30.71          | 40.79                | 36.55                | 54.00                | 17.45       | Pass   | V        |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2462        |        |          |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                         | 0.68            | -32.11          | 36.52                | 16.39                | 40.00                | 23.61       | Pass   | H        |
| 2     | 120.0250    | 9.20                          | 1.30            | -32.07          | 51.30                | 29.73                | 43.50                | 13.77       | Pass   | H        |
| 3     | 132.7333    | 7.56                          | 1.35            | -32.01          | 55.26                | 32.16                | 43.50                | 11.34       | Pass   | H        |
| 4     | 240.0260    | 11.94                         | 1.84            | -31.90          | 60.38                | 42.26                | 46.00                | 3.74        | Pass   | H        |
| 5     | 260.8831    | 12.42                         | 1.92            | -31.87          | 59.03                | 41.50                | 46.00                | 4.50        | Pass   | H        |
| 6     | 718.1868    | 20.00                         | 3.21            | -32.08          | 48.38                | 39.51                | 46.00                | 6.49        | Pass   | H        |
| 7     | 108.2868    | 10.92                         | 1.23            | -32.07          | 42.93                | 23.01                | 43.50                | 20.49       | Pass   | V        |
| 8     | 212.3782    | 11.22                         | 1.73            | -31.95          | 49.21                | 30.21                | 43.50                | 13.29       | Pass   | V        |
| 9     | 247.0107    | 12.12                         | 1.87            | -31.90          | 56.79                | 38.88                | 46.00                | 7.12        | Pass   | V        |
| 10    | 260.1070    | 12.40                         | 1.92            | -31.87          | 55.29                | 37.74                | 46.00                | 8.26        | Pass   | V        |
| 11    | 721.0971    | 20.03                         | 3.23            | -32.07          | 46.68                | 37.87                | 46.00                | 8.13        | Pass   | V        |
| 12    | 999.0299    | 22.69                         | 3.80            | -30.68          | 37.97                | 33.78                | 54.00                | 20.22       | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 136.4196    | 7.38                      | 1.37            | -32.00          | 54.86          | 31.61          | 43.50          | 11.89       | Pass   | H        |
| 2     | 212.8633    | 11.23                     | 1.73            | -31.94          | 52.47          | 33.49          | 43.50          | 10.01       | Pass   | H        |
| 3     | 246.6227    | 12.11                     | 1.87            | -31.90          | 59.91          | 41.99          | 46.00          | 4.01        | Pass   | H        |
| 4     | 260.8831    | 12.42                     | 1.92            | -31.87          | 59.07          | 41.54          | 46.00          | 4.46        | Pass   | H        |
| 5     | 718.5749    | 20.00                     | 3.21            | -32.07          | 48.41          | 39.55          | 46.00          | 6.45        | Pass   | H        |
| 6     | 906.4826    | 22.14                     | 3.60            | -31.52          | 45.04          | 39.26          | 46.00          | 6.74        | Pass   | H        |
| 7     | 53.9614     | 12.57                     | 0.83            | -32.09          | 39.50          | 20.81          | 40.00          | 19.19       | Pass   | V        |
| 8     | 208.9829    | 11.13                     | 1.71            | -31.94          | 50.72          | 31.62          | 43.50          | 11.88       | Pass   | V        |
| 9     | 246.9137    | 12.12                     | 1.87            | -31.90          | 56.74          | 38.83          | 46.00          | 7.17        | Pass   | V        |
| 10    | 260.1070    | 12.40                     | 1.92            | -31.87          | 55.18          | 37.63          | 46.00          | 8.37        | Pass   | V        |
| 11    | 718.1868    | 20.00                     | 3.21            | -32.08          | 46.44          | 37.57          | 46.00          | 8.43        | Pass   | V        |
| 12    | 998.3508    | 22.69                     | 3.80            | -30.69          | 39.84          | 35.64          | 54.00          | 18.36       | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                     | 0.68            | -32.11          | 37.57          | 17.44          | 40.00          | 22.56       | Pass   | H        |
| 2     | 134.5765    | 7.47                      | 1.36            | -32.01          | 55.74          | 32.56          | 43.50          | 10.94       | Pass   | H        |
| 3     | 246.6227    | 12.11                     | 1.87            | -31.90          | 60.05          | 42.13          | 46.00          | 3.87        | Pass   | H        |
| 4     | 260.1070    | 12.40                     | 1.92            | -31.87          | 59.11          | 41.56          | 46.00          | 4.44        | Pass   | H        |
| 5     | 478.5729    | 16.66                     | 2.61            | -31.90          | 45.65          | 33.02          | 46.00          | 12.98       | Pass   | H        |
| 6     | 719.2539    | 20.01                     | 3.22            | -32.08          | 48.25          | 39.40          | 46.00          | 6.60        | Pass   | H        |
| 7     | 55.4165     | 12.33                     | 0.84            | -32.07          | 38.61          | 19.71          | 40.00          | 20.29       | Pass   | V        |
| 8     | 120.0250    | 9.20                      | 1.30            | -32.07          | 43.38          | 21.81          | 43.50          | 21.69       | Pass   | V        |
| 9     | 208.8859    | 11.13                     | 1.71            | -31.94          | 50.82          | 31.72          | 43.50          | 11.78       | Pass   | V        |
| 10    | 247.6898    | 12.14                     | 1.87            | -31.90          | 56.79          | 38.90          | 46.00          | 7.10        | Pass   | V        |
| 11    | 260.4951    | 12.41                     | 1.92            | -31.87          | 55.44          | 37.90          | 46.00          | 8.10        | Pass   | V        |
| 12    | 722.1642    | 20.04                     | 3.24            | -32.08          | 46.54          | 37.74          | 46.00          | 8.26        | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                      | Channel:             |                      | 2462        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                     | 0.68            | -32.11          | 36.95                | 16.82                | 40.00                | 23.18       | Pass   | H        |
| 2     | 132.0542    | 7.60                      | 1.34            | -32.01          | 55.69                | 32.62                | 43.50                | 10.88       | Pass   | H        |
| 3     | 212.7663    | 11.23                     | 1.73            | -31.94          | 53.30                | 34.32                | 43.50                | 9.18        | Pass   | H        |
| 4     | 246.2346    | 12.10                     | 1.86            | -31.89          | 60.02                | 42.09                | 46.00                | 3.91        | Pass   | H        |
| 5     | 260.8831    | 12.42                     | 1.92            | -31.87          | 59.15                | 41.62                | 46.00                | 4.38        | Pass   | H        |
| 6     | 721.7762    | 20.04                     | 3.23            | -32.07          | 49.11                | 40.31                | 46.00                | 5.69        | Pass   | H        |
| 7     | 54.9315     | 12.41                     | 0.84            | -32.08          | 38.50                | 19.67                | 40.00                | 20.33       | Pass   | V        |
| 8     | 71.9082     | 8.64                      | 0.97            | -32.05          | 42.15                | 19.71                | 40.00                | 20.29       | Pass   | V        |
| 9     | 214.4154    | 11.27                     | 1.74            | -31.94          | 49.12                | 30.19                | 43.50                | 13.31       | Pass   | V        |
| 10    | 248.7569    | 12.17                     | 1.88            | -31.91          | 56.80                | 38.94                | 46.00                | 7.06        | Pass   | V        |
| 11    | 260.1070    | 12.40                     | 1.92            | -31.87          | 55.11                | 37.56                | 46.00                | 8.44        | Pass   | V        |
| 12    | 720.7091    | 20.03                     | 3.23            | -32.08          | 46.67                | 37.85                | 46.00                | 8.15        | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                      | Channel:             |                      | 2422        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity |
| 1     | 133.8974    | 7.51                       | 1.35            | -32.01          | 54.89                | 31.74                | 43.50                | 11.76       | Pass   | H        |
| 2     | 210.6321    | 11.18                      | 1.72            | -31.95          | 52.39                | 33.34                | 43.50                | 10.16       | Pass   | H        |
| 3     | 240.7051    | 11.96                      | 1.84            | -31.90          | 60.01                | 41.91                | 46.00                | 4.09        | Pass   | H        |
| 4     | 261.2711    | 12.43                      | 1.93            | -31.88          | 59.12                | 41.60                | 46.00                | 4.40        | Pass   | H        |
| 5     | 721.0971    | 20.03                      | 3.23            | -32.07          | 48.50                | 39.69                | 46.00                | 6.31        | Pass   | H        |
| 6     | 898.0428    | 22.08                      | 3.60            | -31.60          | 47.17                | 41.25                | 46.00                | 4.75        | Pass   | H        |
| 7     | 71.9082     | 8.64                       | 0.97            | -32.05          | 42.17                | 19.73                | 40.00                | 20.27       | Pass   | V        |
| 8     | 209.6620    | 11.15                      | 1.72            | -31.95          | 50.43                | 31.35                | 43.50                | 12.15       | Pass   | V        |
| 9     | 240.0260    | 11.94                      | 1.84            | -31.90          | 57.07                | 38.95                | 46.00                | 7.05        | Pass   | V        |
| 10    | 260.8831    | 12.42                      | 1.92            | -31.87          | 55.05                | 37.52                | 46.00                | 8.48        | Pass   | V        |
| 11    | 719.6420    | 20.02                      | 3.22            | -32.08          | 46.24                | 37.40                | 46.00                | 8.60        | Pass   | V        |
| 12    | 908.0348    | 22.15                      | 3.60            | -31.50          | 43.87                | 38.12                | 46.00                | 7.88        | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                      | 0.68            | -32.11          | 37.14          | 17.01          | 40.00          | 22.99       | Pass   | H        |
| 2     | 133.8974    | 7.51                       | 1.35            | -32.01          | 55.57          | 32.42          | 43.50          | 11.08       | Pass   | H        |
| 3     | 211.0201    | 11.19                      | 1.73            | -31.96          | 53.56          | 34.52          | 43.50          | 8.98        | Pass   | H        |
| 4     | 245.1675    | 12.07                      | 1.86            | -31.89          | 59.97          | 42.01          | 46.00          | 3.99        | Pass   | H        |
| 5     | 260.1070    | 12.40                      | 1.92            | -31.87          | 59.07          | 41.52          | 46.00          | 4.48        | Pass   | H        |
| 6     | 721.0971    | 20.03                      | 3.23            | -32.07          | 48.18          | 39.37          | 46.00          | 6.63        | Pass   | H        |
| 7     | 53.7674     | 12.60                      | 0.83            | -32.09          | 37.95          | 19.29          | 40.00          | 20.71       | Pass   | V        |
| 8     | 208.8859    | 11.13                      | 1.71            | -31.94          | 49.99          | 30.89          | 43.50          | 12.61       | Pass   | V        |
| 9     | 246.2346    | 12.10                      | 1.86            | -31.89          | 56.89          | 38.96          | 46.00          | 7.04        | Pass   | V        |
| 10    | 260.4951    | 12.41                      | 1.92            | -31.87          | 55.25          | 37.71          | 46.00          | 8.29        | Pass   | V        |
| 11    | 721.8732    | 20.04                      | 3.23            | -32.07          | 46.73          | 37.93          | 46.00          | 8.07        | Pass   | V        |
| 12    | 903.6694    | 22.12                      | 3.60            | -31.54          | 41.38          | 35.56          | 46.00          | 10.44       | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                      | 0.68            | -32.11          | 38.44          | 18.31          | 40.00          | 21.69       | Pass   | H        |
| 2     | 135.6436    | 7.42                       | 1.36            | -32.00          | 54.79          | 31.57          | 43.50          | 11.93       | Pass   | H        |
| 3     | 241.8692    | 11.99                      | 1.85            | -31.90          | 60.43          | 42.37          | 46.00          | 3.63        | Pass   | H        |
| 4     | 260.1070    | 12.40                      | 1.92            | -31.87          | 58.93          | 41.38          | 46.00          | 4.62        | Pass   | H        |
| 5     | 480.0280    | 16.68                      | 2.61            | -31.90          | 45.34          | 32.73          | 46.00          | 13.27       | Pass   | H        |
| 6     | 717.4107    | 19.99                      | 3.21            | -32.08          | 48.13          | 39.25          | 46.00          | 6.75        | Pass   | H        |
| 7     | 36.4026     | 11.15                      | 0.67            | -32.12          | 39.65          | 19.35          | 40.00          | 20.65       | Pass   | V        |
| 8     | 208.8859    | 11.13                      | 1.71            | -31.94          | 49.94          | 30.84          | 43.50          | 12.66       | Pass   | V        |
| 9     | 240.0260    | 11.94                      | 1.84            | -31.90          | 57.33          | 39.21          | 46.00          | 6.79        | Pass   | V        |
| 10    | 260.4951    | 12.41                      | 1.92            | -31.87          | 55.15          | 37.61          | 46.00          | 8.39        | Pass   | V        |
| 11    | 722.5523    | 20.05                      | 3.24            | -32.08          | 46.40          | 37.61          | 46.00          | 8.39        | Pass   | V        |
| 12    | 906.3856    | 22.14                      | 3.60            | -31.52          | 42.65          | 36.87          | 46.00          | 9.13        | Pass   | V        |

**Mimo:**

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 133.5094    | 7.52                      | 1.35            | -32.00          | 54.70          | 31.57          | 43.50          | 11.93       | Pass   | H        |
| 2     | 209.9530    | 11.16                     | 1.72            | -31.95          | 51.71          | 32.64          | 43.50          | 10.86       | Pass   | H        |
| 3     | 247.3017    | 12.13                     | 1.87            | -31.90          | 59.78          | 41.88          | 46.00          | 4.12        | Pass   | H        |
| 4     | 260.8831    | 12.42                     | 1.92            | -31.87          | 59.03          | 41.50          | 46.00          | 4.50        | Pass   | H        |
| 5     | 480.0280    | 16.68                     | 2.61            | -31.90          | 45.67          | 33.06          | 46.00          | 12.94       | Pass   | H        |
| 6     | 720.0300    | 20.02                     | 3.22            | -32.07          | 48.57          | 39.74          | 46.00          | 6.26        | Pass   | H        |
| 7     | 55.1255     | 12.38                     | 0.84            | -32.08          | 38.35          | 19.49          | 40.00          | 20.51       | Pass   | V        |
| 8     | 208.9829    | 11.13                     | 1.71            | -31.94          | 50.49          | 31.39          | 43.50          | 12.11       | Pass   | V        |
| 9     | 240.0260    | 11.94                     | 1.84            | -31.90          | 56.84          | 38.72          | 46.00          | 7.28        | Pass   | V        |
| 10    | 260.4951    | 12.41                     | 1.92            | -31.87          | 55.11          | 37.57          | 46.00          | 8.43        | Pass   | V        |
| 11    | 719.2539    | 20.01                     | 3.22            | -32.08          | 46.53          | 37.68          | 46.00          | 8.32        | Pass   | V        |
| 12    | 899.9830    | 22.10                     | 3.60            | -31.58          | 40.83          | 34.95          | 46.00          | 11.05       | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 132.0542    | 7.60                      | 1.34            | -32.01          | 55.57          | 32.50          | 43.50          | 11.00       | Pass   | H        |
| 2     | 211.5052    | 11.20                     | 1.73            | -31.95          | 51.82          | 32.80          | 43.50          | 10.70       | Pass   | H        |
| 3     | 248.0778    | 12.15                     | 1.87            | -31.90          | 59.84          | 41.96          | 46.00          | 4.04        | Pass   | H        |
| 4     | 260.4951    | 12.41                     | 1.92            | -31.87          | 59.07          | 41.53          | 46.00          | 4.47        | Pass   | H        |
| 5     | 721.8732    | 20.04                     | 3.23            | -32.07          | 48.11          | 39.31          | 46.00          | 6.69        | Pass   | H        |
| 6     | 896.1026    | 22.05                     | 3.59            | -31.59          | 45.59          | 39.64          | 46.00          | 6.36        | Pass   | H        |
| 7     | 54.7375     | 12.44                     | 0.84            | -32.08          | 38.34          | 19.54          | 40.00          | 20.46       | Pass   | V        |
| 8     | 71.9082     | 8.64                      | 0.97            | -32.05          | 42.44          | 20.00          | 40.00          | 20.00       | Pass   | V        |
| 9     | 247.3017    | 12.13                     | 1.87            | -31.90          | 56.52          | 38.62          | 46.00          | 7.38        | Pass   | V        |
| 10    | 260.1070    | 12.40                     | 1.92            | -31.87          | 55.04          | 37.49          | 46.00          | 8.51        | Pass   | V        |
| 11    | 721.8732    | 20.04                     | 3.23            | -32.07          | 46.15          | 37.35          | 46.00          | 8.65        | Pass   | V        |
| 12    | 997.2837    | 22.68                     | 3.79            | -30.69          | 40.56          | 36.34          | 54.00          | 17.66       | Pass   | V        |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2462        |        |          |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 133.5094    | 7.52                      | 1.35            | -32.00          | 54.88          | 31.75          | 43.50          | 11.75       | Pass   | H        |
| 2     | 210.8261    | 11.18                     | 1.72            | -31.94          | 51.62          | 32.58          | 43.50          | 10.92       | Pass   | H        |
| 3     | 242.5483    | 12.01                     | 1.85            | -31.90          | 59.93          | 41.89          | 46.00          | 4.11        | Pass   | H        |
| 4     | 260.4951    | 12.41                     | 1.92            | -31.87          | 58.90          | 41.36          | 46.00          | 4.64        | Pass   | H        |
| 5     | 479.2519    | 16.67                     | 2.61            | -31.90          | 45.53          | 32.91          | 46.00          | 13.09       | Pass   | H        |
| 6     | 721.4851    | 20.04                     | 3.23            | -32.08          | 48.34          | 39.53          | 46.00          | 6.47        | Pass   | H        |
| 7     | 56.2896     | 12.19                     | 0.86            | -32.07          | 39.14          | 20.12          | 40.00          | 19.88       | Pass   | V        |
| 8     | 208.8859    | 11.13                     | 1.71            | -31.94          | 49.14          | 30.04          | 43.50          | 13.46       | Pass   | V        |
| 9     | 240.0260    | 11.94                     | 1.84            | -31.90          | 57.08          | 38.96          | 46.00          | 7.04        | Pass   | V        |
| 10    | 260.4951    | 12.41                     | 1.92            | -31.87          | 55.20          | 37.66          | 46.00          | 8.34        | Pass   | V        |
| 11    | 720.4180    | 20.02                     | 3.22            | -32.06          | 46.63          | 37.81          | 46.00          | 8.19        | Pass   | V        |
| 12    | 997.6718    | 22.69                     | 3.79            | -30.70          | 39.87          | 35.65          | 54.00          | 18.35       | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2422        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 132.8303    | 7.56                       | 1.35            | -32.02          | 54.87          | 31.76          | 43.50          | 11.74       | Pass   | H        |
| 2     | 210.8261    | 11.18                      | 1.72            | -31.94          | 51.69          | 32.65          | 43.50          | 10.85       | Pass   | H        |
| 3     | 246.9137    | 12.12                      | 1.87            | -31.90          | 59.92          | 42.01          | 46.00          | 3.99        | Pass   | H        |
| 4     | 260.4951    | 12.41                      | 1.92            | -31.87          | 59.06          | 41.52          | 46.00          | 4.48        | Pass   | H        |
| 5     | 480.0280    | 16.68                      | 2.61            | -31.90          | 45.37          | 32.76          | 46.00          | 13.24       | Pass   | H        |
| 6     | 720.0300    | 20.02                      | 3.22            | -32.07          | 48.49          | 39.66          | 46.00          | 6.34        | Pass   | H        |
| 7     | 52.6033     | 12.78                      | 0.82            | -32.09          | 38.68          | 20.19          | 40.00          | 19.81       | Pass   | V        |
| 8     | 107.9958    | 10.92                      | 1.23            | -32.07          | 41.15          | 21.23          | 43.50          | 22.27       | Pass   | V        |
| 9     | 208.8859    | 11.13                      | 1.71            | -31.94          | 50.27          | 31.17          | 43.50          | 12.33       | Pass   | V        |
| 10    | 240.0260    | 11.94                      | 1.84            | -31.90          | 56.75          | 38.63          | 46.00          | 7.37        | Pass   | V        |
| 11    | 260.4951    | 12.41                      | 1.92            | -31.87          | 54.83          | 37.29          | 46.00          | 8.71        | Pass   | V        |
| 12    | 720.4180    | 20.02                      | 3.22            | -32.06          | 46.39          | 37.57          | 46.00          | 8.43        | Pass   | V        |



| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                      | 0.68            | -32.11          | 38.03          | 17.90          | 40.00          | 22.10       | Pass   | H        |
| 2     | 134.2854    | 7.49                       | 1.36            | -32.02          | 56.06          | 32.89          | 43.50          | 10.61       | Pass   | H        |
| 3     | 241.4811    | 11.98                      | 1.85            | -31.91          | 59.78          | 41.70          | 46.00          | 4.30        | Pass   | H        |
| 4     | 260.1070    | 12.40                      | 1.92            | -31.87          | 58.85          | 41.30          | 46.00          | 4.70        | Pass   | H        |
| 5     | 479.2519    | 16.67                      | 2.61            | -31.90          | 45.34          | 32.72          | 46.00          | 13.28       | Pass   | H        |
| 6     | 720.0300    | 20.02                      | 3.22            | -32.07          | 48.49          | 39.66          | 46.00          | 6.34        | Pass   | H        |
| 7     | 40.3800     | 12.37                      | 0.72            | -32.11          | 38.44          | 19.42          | 40.00          | 20.58       | Pass   | V        |
| 8     | 71.9082     | 8.64                       | 0.97            | -32.05          | 41.88          | 19.44          | 40.00          | 20.56       | Pass   | V        |
| 9     | 208.8859    | 11.13                      | 1.71            | -31.94          | 50.36          | 31.26          | 43.50          | 12.24       | Pass   | V        |
| 10    | 240.0260    | 11.94                      | 1.84            | -31.90          | 56.99          | 38.87          | 46.00          | 7.13        | Pass   | V        |
| 11    | 399.8010    | 15.40                      | 2.38            | -31.77          | 46.38          | 32.39          | 46.00          | 13.61       | Pass   | V        |
| 12    | 722.9403    | 20.05                      | 3.24            | -32.08          | 46.47          | 37.68          | 46.00          | 8.32        | Pass   | V        |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity |
| 1     | 36.8877     | 11.30                      | 0.68            | -32.11          | 38.03          | 17.90          | 40.00          | 22.10       | Pass   | H        |
| 2     | 132.4422    | 7.58                       | 1.34            | -32.01          | 55.15          | 32.06          | 43.50          | 11.44       | Pass   | H        |
| 3     | 246.6227    | 12.11                      | 1.87            | -31.90          | 59.82          | 41.90          | 46.00          | 4.10        | Pass   | H        |
| 4     | 260.4951    | 12.41                      | 1.92            | -31.87          | 58.89          | 41.35          | 46.00          | 4.65        | Pass   | H        |
| 5     | 480.0280    | 16.68                      | 2.61            | -31.90          | 45.38          | 32.77          | 46.00          | 13.23       | Pass   | H        |
| 6     | 718.1868    | 20.00                      | 3.21            | -32.08          | 48.46          | 39.59          | 46.00          | 6.41        | Pass   | H        |
| 7     | 36.8877     | 11.30                      | 0.68            | -32.11          | 40.55          | 20.42          | 40.00          | 19.58       | Pass   | V        |
| 8     | 54.2524     | 12.52                      | 0.83            | -32.08          | 38.88          | 20.15          | 40.00          | 19.85       | Pass   | V        |
| 9     | 240.0260    | 11.94                      | 1.84            | -31.90          | 56.82          | 38.70          | 46.00          | 7.30        | Pass   | V        |
| 10    | 260.1070    | 12.40                      | 1.92            | -31.87          | 54.74          | 37.19          | 46.00          | 8.81        | Pass   | V        |
| 11    | 721.4851    | 20.04                      | 3.23            | -32.08          | 46.42          | 37.61          | 46.00          | 8.39        | Pass   | V        |
| 12    | 996.0226    | 22.68                      | 3.79            | -30.72          | 43.63          | 39.38          | 54.00          | 14.62       | Pass   | V        |

**Transmitter Emission above 1GHz  
 Antenna 0:**

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2412        |        |          |         |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|---------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark  |
| 1     | 1085.6086   | 27.99                          | 2.55            | -42.72          | 55.18                | 43.00                | 74.00                | 31.00       | Pass   | H        | Peak    |
| 2     | 1198.8199   | 28.10                          | 2.66            | -42.89          | 55.84                | 43.71                | 74.00                | 30.29       | Pass   | H        | Peak    |
| 3     | 3216.0144   | 33.29                          | 4.59            | -42.00          | 58.95                | 54.83                | 74.00                | 19.17       | Pass   | H        | Peak    |
| 4     | 4824.0000   | 34.50                          | 4.61            | -40.65          | 46.24                | 44.70                | 74.00                | 29.30       | Pass   | H        | Peak    |
| 5     | 7236.0000   | 36.34                          | 5.79            | -40.99          | 43.47                | 44.61                | 74.00                | 29.39       | Pass   | H        | Peak    |
| 6     | 9648.0000   | 37.66                          | 6.72            | -40.73          | 42.90                | 46.55                | 74.00                | 27.45       | Pass   | H        | Peak    |
| 7     | 3215.5927   | 33.29                          | 4.59            | -41.99          | 56.16                | 52.05                | 54.00                | 1.95        | Pass   | H        | Average |
| 8     | 1595.6596   | 29.03                          | 3.07            | -42.89          | 59.49                | 48.70                | 74.00                | 25.30       | Pass   | V        | Peak    |
| 9     | 2192.9193   | 31.97                          | 3.65            | -42.53          | 58.38                | 51.47                | 74.00                | 22.53       | Pass   | V        | Peak    |
| 10    | 2843.1843   | 32.95                          | 4.23            | -42.20          | 57.83                | 52.81                | 74.00                | 21.19       | Pass   | V        | Peak    |
| 11    | 4824.0000   | 34.50                          | 4.61            | -40.65          | 43.99                | 42.45                | 74.00                | 31.55       | Pass   | V        | Peak    |
| 12    | 7236.0000   | 36.34                          | 5.79            | -40.99          | 43.26                | 44.40                | 74.00                | 29.60       | Pass   | V        | Peak    |
| 13    | 9648.0000   | 37.66                          | 6.72            | -40.73          | 42.94                | 46.59                | 74.00                | 27.41       | Pass   | V        | Peak    |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                      | Channel:             |                      | 2437        |        |          |         |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|---------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark  |
| 1     | 1199.4199   | 28.10                          | 2.66            | -42.89          | 60.36                | 48.23                | 74.00                | 25.77       | Pass   | H        | Peak    |
| 2     | 1679.8680   | 29.59                          | 3.18            | -42.72          | 54.07                | 44.12                | 74.00                | 29.88       | Pass   | H        | Peak    |
| 3     | 3249.0166   | 33.30                          | 4.45            | -41.97          | 59.63                | 55.41                | 74.00                | 18.59       | Pass   | H        | Peak    |
| 4     | 4874.0000   | 34.50                          | 4.78            | -40.61          | 44.59                | 43.26                | 74.00                | 30.74       | Pass   | H        | Peak    |
| 5     | 7311.0000   | 36.41                          | 5.85            | -40.93          | 44.66                | 45.99                | 74.00                | 28.01       | Pass   | H        | Peak    |
| 6     | 9748.0000   | 37.70                          | 6.77            | -40.63          | 41.70                | 45.54                | 74.00                | 28.46       | Pass   | H        | Peak    |
| 7     | 3248.8869   | 33.30                          | 4.45            | -41.97          | 54.16                | 49.94                | 54.00                | 4.06        | Pass   | H        | Average |
| 8     | 1396.6397   | 28.30                          | 2.89            | -42.68          | 56.71                | 45.22                | 74.00                | 28.78       | Pass   | V        | Peak    |
| 9     | 1599.8600   | 29.06                          | 3.07            | -42.90          | 59.44                | 48.67                | 74.00                | 25.33       | Pass   | V        | Peak    |
| 10    | 2191.5192   | 31.97                          | 3.65            | -42.53          | 56.38                | 49.47                | 74.00                | 24.53       | Pass   | V        | Peak    |
| 11    | 4874.0000   | 34.50                          | 4.78            | -40.61          | 44.04                | 42.71                | 74.00                | 31.29       | Pass   | V        | Peak    |
| 12    | 7311.0000   | 36.41                          | 5.85            | -40.93          | 43.83                | 45.16                | 74.00                | 28.84       | Pass   | V        | Peak    |
| 13    | 9748.0000   | 37.70                          | 6.77            | -40.63          | 41.65                | 45.49                | 74.00                | 28.51       | Pass   | V        | Peak    |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2462        |        |          |        |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.6200   | 28.10                          | 2.66            | -42.89          | 57.14          | 45.01          | 74.00          | 28.99       | Pass   | H        | Peak   |
| 2     | 1641.2641   | 29.33                          | 3.13            | -42.80          | 54.31          | 43.97          | 74.00          | 30.03       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                          | 4.54            | -41.95          | 58.66          | 54.56          | 74.00          | 19.44       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                          | 4.85            | -40.56          | 46.95          | 45.74          | 74.00          | 28.26       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                          | 5.85            | -40.87          | 44.10          | 45.57          | 74.00          | 28.43       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                          | 6.83            | -40.54          | 44.68          | 48.71          | 74.00          | 25.29       | Pass   | H        | Peak   |
| 7     | 3282.2238   | 33.31                          | 4.53            | -41.95          | 54.90          | 50.79          | 54.00          | 3.21        | Pass   | H        | Averag |
| 8     | 1594.0594   | 29.02                          | 3.07            | -42.89          | 59.60          | 48.80          | 74.00          | 25.20       | Pass   | V        | Peak   |
| 9     | 2195.7196   | 31.97                          | 3.65            | -42.52          | 57.55          | 50.65          | 74.00          | 23.35       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                          | 4.85            | -40.56          | 44.55          | 43.34          | 74.00          | 30.66       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                          | 5.85            | -40.87          | 44.33          | 45.80          | 74.00          | 28.20       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                          | 6.83            | -40.54          | 43.30          | 47.33          | 74.00          | 26.67       | Pass   | V        | Peak   |
| 13    | 11683.5789  | 39.05                          | 7.47            | -41.32          | 47.30          | 52.50          | 74.00          | 21.50       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1073.0073   | 27.97                         | 2.53            | -42.68          | 56.82          | 44.64          | 74.00          | 29.36       | Pass   | H        | Peak   |
| 2     | 1680.2680   | 29.59                         | 3.18            | -42.71          | 57.76          | 47.82          | 74.00          | 26.18       | Pass   | H        | Peak   |
| 3     | 3216.0144   | 33.29                         | 4.59            | -42.00          | 57.30          | 53.18          | 74.00          | 20.82       | Pass   | H        | Peak   |
| 4     | 4824.0000   | 34.50                         | 4.61            | -40.65          | 43.67          | 42.13          | 74.00          | 31.87       | Pass   | H        | Peak   |
| 5     | 7236.0000   | 36.34                         | 5.79            | -40.99          | 45.19          | 46.33          | 74.00          | 27.67       | Pass   | H        | Peak   |
| 6     | 9648.0000   | 37.66                         | 6.72            | -40.73          | 44.26          | 47.91          | 74.00          | 26.09       | Pass   | H        | Peak   |
| 7     | 1598.2598   | 29.05                         | 3.07            | -42.90          | 60.05          | 49.27          | 74.00          | 24.73       | Pass   | V        | Peak   |
| 8     | 2193.3193   | 31.97                         | 3.65            | -42.52          | 57.40          | 50.50          | 74.00          | 23.50       | Pass   | V        | Peak   |
| 9     | 3195.0130   | 33.28                         | 4.64            | -42.00          | 52.70          | 48.62          | 74.00          | 25.38       | Pass   | V        | Peak   |
| 10    | 4824.0000   | 34.50                         | 4.61            | -40.65          | 45.14          | 43.60          | 74.00          | 30.40       | Pass   | V        | Peak   |
| 11    | 7236.0000   | 36.34                         | 5.79            | -40.99          | 44.18          | 45.32          | 74.00          | 28.68       | Pass   | V        | Peak   |
| 12    | 9648.0000   | 37.66                         | 6.72            | -40.73          | 43.27          | 46.92          | 74.00          | 27.08       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.6201   | 28.10                         | 2.66            | -42.89          | 62.05          | 49.92          | 74.00          | 24.08       | Pass   | H        | Peak   |
| 2     | 1679.2679   | 29.58                         | 3.18            | -42.71          | 55.63          | 45.68          | 74.00          | 28.32       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                         | 4.45            | -41.97          | 55.33          | 51.11          | 74.00          | 22.89       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                         | 4.78            | -40.61          | 44.22          | 42.89          | 74.00          | 31.11       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                         | 5.85            | -40.93          | 45.40          | 46.73          | 74.00          | 27.27       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                         | 6.77            | -40.63          | 43.62          | 47.46          | 74.00          | 26.54       | Pass   | H        | Peak   |
| 7     | 1396.4396   | 28.30                         | 2.89            | -42.68          | 57.23          | 45.74          | 74.00          | 28.26       | Pass   | V        | Peak   |
| 8     | 1595.2595   | 29.03                         | 3.07            | -42.89          | 59.11          | 48.32          | 74.00          | 25.68       | Pass   | V        | Peak   |
| 9     | 2195.1195   | 31.97                         | 3.65            | -42.52          | 58.60          | 51.70          | 74.00          | 22.30       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                         | 4.78            | -40.61          | 43.84          | 42.51          | 74.00          | 31.49       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                         | 5.85            | -40.93          | 44.74          | 46.07          | 74.00          | 27.93       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                         | 6.77            | -40.63          | 44.05          | 47.89          | 74.00          | 26.11       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2462        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1202.0202   | 28.10                         | 2.66            | -42.89          | 58.04          | 45.91          | 74.00          | 28.09       | Pass   | H        | Peak   |
| 2     | 1234.8235   | 28.13                         | 2.67            | -42.84          | 56.45          | 44.41          | 74.00          | 29.59       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                         | 4.54            | -41.95          | 54.61          | 50.51          | 74.00          | 23.49       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                         | 4.85            | -40.56          | 44.84          | 43.63          | 74.00          | 30.37       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                         | 5.85            | -40.87          | 43.92          | 45.39          | 74.00          | 28.61       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                         | 6.83            | -40.54          | 43.18          | 47.21          | 74.00          | 26.79       | Pass   | H        | Peak   |
| 7     | 1397.0397   | 28.30                         | 2.90            | -42.69          | 56.41          | 44.92          | 74.00          | 29.08       | Pass   | V        | Peak   |
| 8     | 1594.4594   | 29.02                         | 3.07            | -42.89          | 59.22          | 48.42          | 74.00          | 25.58       | Pass   | V        | Peak   |
| 9     | 2196.5197   | 31.98                         | 3.65            | -42.53          | 57.90          | 51.00          | 74.00          | 23.00       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                         | 4.85            | -40.56          | 45.46          | 44.25          | 74.00          | 29.75       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                         | 5.85            | -40.87          | 44.07          | 45.54          | 74.00          | 28.46       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                         | 6.83            | -40.54          | 43.90          | 47.93          | 74.00          | 26.07       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.4200   | 28.10                     | 2.66            | -42.89          | 63.16          | 51.03          | 74.00          | 22.97       | Pass   | H        | Peak   |
| 2     | 1794.4794   | 30.34                     | 3.31            | -42.70          | 55.69          | 46.64          | 74.00          | 27.36       | Pass   | H        | Peak   |
| 3     | 3216.0144   | 33.29                     | 4.59            | -42.00          | 55.10          | 50.98          | 74.00          | 23.02       | Pass   | H        | Peak   |
| 4     | 4824.0000   | 34.50                     | 4.61            | -40.65          | 44.06          | 42.52          | 74.00          | 31.48       | Pass   | H        | Peak   |
| 5     | 7236.0000   | 36.34                     | 5.79            | -40.99          | 43.44          | 44.58          | 74.00          | 29.42       | Pass   | H        | Peak   |
| 6     | 9648.0000   | 37.66                     | 6.72            | -40.73          | 44.27          | 47.92          | 74.00          | 26.08       | Pass   | H        | Peak   |
| 7     | 1395.2395   | 28.30                     | 2.89            | -42.69          | 55.95          | 44.45          | 74.00          | 29.55       | Pass   | V        | Peak   |
| 8     | 1596.6597   | 29.04                     | 3.07            | -42.90          | 58.70          | 47.91          | 74.00          | 26.09       | Pass   | V        | Peak   |
| 9     | 2197.3197   | 31.98                     | 3.65            | -42.53          | 58.53          | 51.63          | 74.00          | 22.37       | Pass   | V        | Peak   |
| 10    | 4824.0000   | 34.50                     | 4.61            | -40.65          | 44.05          | 42.51          | 74.00          | 31.49       | Pass   | V        | Peak   |
| 11    | 7236.0000   | 36.34                     | 5.79            | -40.99          | 43.54          | 44.68          | 74.00          | 29.32       | Pass   | V        | Peak   |
| 12    | 9648.0000   | 37.66                     | 6.72            | -40.73          | 44.01          | 47.66          | 74.00          | 26.34       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1201.6202   | 28.10                     | 2.66            | -42.89          | 58.64          | 46.51          | 74.00          | 27.49       | Pass   | H        | Peak   |
| 2     | 2160.5161   | 31.92                     | 3.65            | -42.53          | 54.18          | 47.22          | 74.00          | 26.78       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                     | 4.45            | -41.97          | 55.27          | 51.05          | 74.00          | 22.95       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                     | 4.78            | -40.61          | 44.65          | 43.32          | 74.00          | 30.68       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                     | 5.85            | -40.93          | 44.48          | 45.81          | 74.00          | 28.19       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                     | 6.77            | -40.63          | 44.55          | 48.39          | 74.00          | 25.61       | Pass   | H        | Peak   |
| 7     | 1398.6399   | 28.30                     | 2.90            | -42.68          | 57.41          | 45.93          | 74.00          | 28.07       | Pass   | V        | Peak   |
| 8     | 1592.6593   | 29.01                     | 3.06            | -42.88          | 58.29          | 47.48          | 74.00          | 26.52       | Pass   | V        | Peak   |
| 9     | 2194.7195   | 31.97                     | 3.65            | -42.52          | 58.00          | 51.10          | 74.00          | 22.90       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                     | 4.78            | -40.61          | 43.91          | 42.58          | 74.00          | 31.42       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                     | 5.85            | -40.93          | 45.36          | 46.69          | 74.00          | 27.31       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                     | 6.77            | -40.63          | 43.68          | 47.52          | 74.00          | 26.48       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2462        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1078.2078   | 27.98                     | 2.54            | -42.70          | 56.46          | 44.28          | 74.00          | 29.72       | Pass   | H        | Peak   |
| 2     | 1199.8200   | 28.10                     | 2.66            | -42.89          | 62.81          | 50.68          | 74.00          | 23.32       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                     | 4.54            | -41.95          | 54.63          | 50.53          | 74.00          | 23.47       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                     | 4.85            | -40.56          | 46.13          | 44.92          | 74.00          | 29.08       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                     | 5.85            | -40.87          | 44.99          | 46.46          | 74.00          | 27.54       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                     | 6.83            | -40.54          | 43.46          | 47.49          | 74.00          | 26.51       | Pass   | H        | Peak   |
| 7     | 1396.6397   | 28.30                     | 2.89            | -42.68          | 55.65          | 44.16          | 74.00          | 29.84       | Pass   | V        | Peak   |
| 8     | 1596.4596   | 29.04                     | 3.07            | -42.90          | 57.97          | 47.18          | 74.00          | 26.82       | Pass   | V        | Peak   |
| 9     | 2197.5198   | 31.98                     | 3.65            | -42.53          | 57.31          | 50.41          | 74.00          | 23.59       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                     | 4.85            | -40.56          | 45.95          | 44.74          | 74.00          | 29.26       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                     | 5.85            | -40.87          | 43.50          | 44.97          | 74.00          | 29.03       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                     | 6.83            | -40.54          | 42.88          | 46.91          | 74.00          | 27.09       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2422        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.6201   | 28.10                      | 2.66            | -42.89          | 61.49          | 49.36          | 74.00          | 24.64       | Pass   | H        | Peak   |
| 2     | 1680.4680   | 29.59                      | 3.18            | -42.71          | 57.19          | 47.25          | 74.00          | 26.75       | Pass   | H        | Peak   |
| 3     | 3229.0153   | 33.29                      | 4.53            | -41.98          | 54.50          | 50.34          | 74.00          | 23.66       | Pass   | H        | Peak   |
| 4     | 4844.0000   | 34.50                      | 4.66            | -40.62          | 43.84          | 42.38          | 74.00          | 31.62       | Pass   | H        | Peak   |
| 5     | 7266.0000   | 36.37                      | 5.80            | -40.97          | 44.65          | 45.85          | 74.00          | 28.15       | Pass   | H        | Peak   |
| 6     | 9688.0000   | 37.68                      | 6.62            | -40.69          | 44.40          | 48.01          | 74.00          | 25.99       | Pass   | H        | Peak   |
| 7     | 1394.2394   | 28.29                      | 2.89            | -42.68          | 55.50          | 44.00          | 74.00          | 30.00       | Pass   | V        | Peak   |
| 8     | 1598.6599   | 29.05                      | 3.07            | -42.90          | 60.57          | 49.79          | 74.00          | 24.21       | Pass   | V        | Peak   |
| 9     | 2199.7200   | 31.98                      | 3.65            | -42.52          | 56.78          | 49.89          | 74.00          | 24.11       | Pass   | V        | Peak   |
| 10    | 4844.0000   | 34.50                      | 4.66            | -40.62          | 43.81          | 42.35          | 74.00          | 31.65       | Pass   | V        | Peak   |
| 11    | 7266.0000   | 36.37                      | 5.80            | -40.97          | 44.41          | 45.61          | 74.00          | 28.39       | Pass   | V        | Peak   |
| 12    | 9688.0000   | 37.68                      | 6.62            | -40.69          | 44.14          | 47.75          | 74.00          | 26.25       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1077.8078   | 27.98                      | 2.54            | -42.70          | 56.28          | 44.10          | 74.00          | 29.90       | Pass   | H        | Peak   |
| 2     | 1206.6207   | 28.11                      | 2.66            | -42.88          | 56.36          | 44.25          | 74.00          | 29.75       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                      | 4.45            | -41.97          | 56.48          | 52.26          | 74.00          | 21.74       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                      | 4.78            | -40.61          | 43.39          | 42.06          | 74.00          | 31.94       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                      | 5.85            | -40.93          | 43.58          | 44.91          | 74.00          | 29.09       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                      | 6.77            | -40.63          | 43.73          | 47.57          | 74.00          | 26.43       | Pass   | H        | Peak   |
| 7     | 1399.2399   | 28.30                      | 2.90            | -42.68          | 54.85          | 43.37          | 74.00          | 30.63       | Pass   | V        | Peak   |
| 8     | 1594.4594   | 29.02                      | 3.07            | -42.89          | 59.24          | 48.44          | 74.00          | 25.56       | Pass   | V        | Peak   |
| 9     | 2193.3193   | 31.97                      | 3.65            | -42.52          | 56.89          | 49.99          | 74.00          | 24.01       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                      | 4.78            | -40.61          | 43.52          | 42.19          | 74.00          | 31.81       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                      | 5.85            | -40.93          | 43.64          | 44.97          | 74.00          | 29.03       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                      | 6.77            | -40.63          | 42.57          | 46.41          | 74.00          | 27.59       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1201.6202   | 28.10                      | 2.66            | -42.89          | 56.12          | 43.99          | 74.00          | 30.01       | Pass   | H        | Peak   |
| 2     | 1797.0797   | 30.36                      | 3.31            | -42.70          | 53.93          | 44.90          | 74.00          | 29.10       | Pass   | H        | Peak   |
| 3     | 3269.0179   | 33.31                      | 4.50            | -41.96          | 56.17          | 52.02          | 74.00          | 21.98       | Pass   | H        | Peak   |
| 4     | 4904.0000   | 34.50                      | 4.88            | -40.58          | 44.78          | 43.58          | 74.00          | 30.42       | Pass   | H        | Peak   |
| 5     | 7356.0000   | 36.46                      | 5.85            | -40.89          | 43.98          | 45.40          | 74.00          | 28.60       | Pass   | H        | Peak   |
| 6     | 9808.0000   | 37.72                      | 6.59            | -40.57          | 44.13          | 47.87          | 74.00          | 26.13       | Pass   | H        | Peak   |
| 7     | 1398.8399   | 28.30                      | 2.90            | -42.68          | 57.78          | 46.30          | 74.00          | 27.70       | Pass   | V        | Peak   |
| 8     | 1596.4596   | 29.04                      | 3.07            | -42.90          | 58.61          | 47.82          | 74.00          | 26.18       | Pass   | V        | Peak   |
| 9     | 2197.7198   | 31.98                      | 3.65            | -42.53          | 56.75          | 49.85          | 74.00          | 24.15       | Pass   | V        | Peak   |
| 10    | 4904.0000   | 34.50                      | 4.88            | -40.58          | 44.29          | 43.09          | 74.00          | 30.91       | Pass   | V        | Peak   |
| 11    | 7356.0000   | 36.46                      | 5.85            | -40.89          | 43.18          | 44.60          | 74.00          | 29.40       | Pass   | V        | Peak   |
| 12    | 9808.0000   | 37.72                      | 6.59            | -40.57          | 43.00          | 46.74          | 74.00          | 27.26       | Pass   | V        | Peak   |

**Antenna 1:**

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |         |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|---------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark  |
| 1     | 1202.0202   | 28.10                          | 2.66            | -42.89          | 55.79          | 43.66          | 74.00          | 30.34       | Pass   | H        | Peak    |
| 2     | 1679.8680   | 29.59                          | 3.18            | -42.72          | 54.22          | 44.27          | 74.00          | 29.73       | Pass   | H        | Peak    |
| 3     | 3216.0144   | 33.29                          | 4.59            | -42.00          | 56.33          | 52.21          | 74.00          | 21.79       | Pass   | H        | Peak    |
| 4     | 4824.1216   | 34.50                          | 4.61            | -40.65          | 56.93          | 55.39          | 74.00          | 18.61       | Pass   | H        | Peak    |
| 5     | 7236.0000   | 36.34                          | 5.79            | -40.99          | 44.62          | 45.76          | 74.00          | 28.24       | Pass   | H        | Peak    |
| 6     | 9648.0000   | 37.66                          | 6.72            | -40.73          | 44.41          | 48.06          | 74.00          | 25.94       | Pass   | H        | Peak    |
| 7     | 4823.6512   | 34.50                          | 4.61            | -40.64          | 51.74          | 50.21          | 54.00          | 3.79        | Pass   | H        | Average |
| 8     | 1398.6399   | 28.30                          | 2.90            | -42.68          | 57.62          | 46.14          | 74.00          | 27.86       | Pass   | V        | Peak    |
| 9     | 1598.2598   | 29.05                          | 3.07            | -42.90          | 58.86          | 48.08          | 74.00          | 25.92       | Pass   | V        | Peak    |
| 10    | 2197.1197   | 31.98                          | 3.65            | -42.53          | 56.00          | 49.10          | 74.00          | 24.90       | Pass   | V        | Peak    |
| 11    | 4824.0000   | 34.50                          | 4.61            | -40.65          | 48.93          | 47.39          | 74.00          | 26.61       | Pass   | V        | Peak    |
| 12    | 7236.0000   | 36.34                          | 5.79            | -40.99          | 44.79          | 45.93          | 74.00          | 28.07       | Pass   | V        | Peak    |
| 13    | 9648.0000   | 37.66                          | 6.72            | -40.73          | 43.83          | 47.48          | 74.00          | 26.52       | Pass   | V        | Peak    |

| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2437        |        |          |         |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|---------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark  |
| 1     | 1199.8200   | 28.10                          | 2.66            | -42.89          | 63.40          | 51.27          | 74.00          | 22.73       | Pass   | H        | Peak    |
| 2     | 1680.0680   | 29.59                          | 3.18            | -42.71          | 55.72          | 45.78          | 74.00          | 28.22       | Pass   | H        | Peak    |
| 3     | 3250.0167   | 33.30                          | 4.45            | -41.97          | 57.85          | 53.63          | 74.00          | 20.37       | Pass   | H        | Peak    |
| 4     | 4874.0000   | 34.50                          | 4.78            | -40.61          | 56.91          | 55.58          | 74.00          | 18.42       | Pass   | H        | Peak    |
| 5     | 7311.0000   | 36.41                          | 5.85            | -40.93          | 43.21          | 44.54          | 74.00          | 29.46       | Pass   | H        | Peak    |
| 6     | 9748.0000   | 37.70                          | 6.77            | -40.63          | 43.91          | 47.75          | 74.00          | 26.25       | Pass   | H        | Peak    |
| 7     | 4873.5305   | 34.50                          | 4.77            | -40.60          | 51.62          | 50.29          | 54.00          | 3.71        | Pass   | H        | Average |
| 8     | 1396.8397   | 28.30                          | 2.89            | -42.68          | 55.61          | 44.12          | 74.00          | 29.88       | Pass   | V        | Peak    |
| 9     | 1599.0599   | 29.05                          | 3.07            | -42.89          | 60.04          | 49.27          | 74.00          | 24.73       | Pass   | V        | Peak    |
| 10    | 2199.3199   | 31.98                          | 3.65            | -42.52          | 58.22          | 51.33          | 74.00          | 22.67       | Pass   | V        | Peak    |
| 11    | 4874.0000   | 34.50                          | 4.78            | -40.61          | 49.37          | 48.04          | 74.00          | 25.96       | Pass   | V        | Peak    |
| 12    | 7311.0000   | 36.41                          | 5.85            | -40.93          | 44.41          | 45.74          | 74.00          | 28.26       | Pass   | V        | Peak    |
| 13    | 9748.0000   | 37.70                          | 6.77            | -40.63          | 43.99          | 47.83          | 74.00          | 26.17       | Pass   | V        | Peak    |



| Mode: |             | 802.11 b (11Mbps) Transmitting |                 |                 |                | Channel:       |                | 2462        |        |          |        |
|-------|-------------|--------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]                | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1198.8199   | 28.10                          | 2.66            | -42.89          | 57.15          | 45.02          | 74.00          | 28.98       | Pass   | H        | Peak   |
| 2     | 1812.6813   | 30.46                          | 3.34            | -42.70          | 53.83          | 44.93          | 74.00          | 29.07       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                          | 4.54            | -41.95          | 57.07          | 52.97          | 74.00          | 21.03       | Pass   | H        | Peak   |
| 4     | 4924.1283   | 34.50                          | 4.85            | -40.56          | 57.13          | 55.92          | 74.00          | 18.08       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                          | 5.85            | -40.87          | 43.85          | 45.32          | 74.00          | 28.68       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                          | 6.83            | -40.54          | 43.66          | 47.69          | 74.00          | 26.31       | Pass   | H        | Peak   |
| 7     | 4923.5839   | 34.50                          | 4.85            | -40.56          | 52.46          | 51.25          | 54.00          | 2.75        | Pass   | H        | Averag |
| 8     | 1397.2397   | 28.30                          | 2.90            | -42.69          | 56.10          | 44.61          | 74.00          | 29.39       | Pass   | V        | Peak   |
| 9     | 1597.0597   | 29.04                          | 3.07            | -42.89          | 58.84          | 48.06          | 74.00          | 25.94       | Pass   | V        | Peak   |
| 10    | 2196.9197   | 31.98                          | 3.65            | -42.53          | 57.31          | 50.41          | 74.00          | 23.59       | Pass   | V        | Peak   |
| 11    | 4924.0000   | 34.50                          | 4.85            | -40.56          | 48.63          | 47.42          | 74.00          | 26.58       | Pass   | V        | Peak   |
| 12    | 7386.0000   | 36.49                          | 5.85            | -40.87          | 43.60          | 45.07          | 74.00          | 28.93       | Pass   | V        | Peak   |
| 13    | 9848.0000   | 37.74                          | 6.83            | -40.54          | 44.56          | 48.59          | 74.00          | 25.41       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2412        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1201.2201   | 28.10                         | 2.66            | -42.89          | 57.34          | 45.21          | 74.00          | 28.79       | Pass   | H        | Peak   |
| 2     | 1680.2680   | 29.59                         | 3.18            | -42.71          | 57.95          | 48.01          | 74.00          | 25.99       | Pass   | H        | Peak   |
| 3     | 3216.0144   | 33.29                         | 4.59            | -42.00          | 55.67          | 51.55          | 74.00          | 22.45       | Pass   | H        | Peak   |
| 4     | 4824.0000   | 34.50                         | 4.61            | -40.65          | 47.28          | 45.74          | 74.00          | 28.26       | Pass   | H        | Peak   |
| 5     | 7236.0000   | 36.34                         | 5.79            | -40.99          | 44.12          | 45.26          | 74.00          | 28.74       | Pass   | H        | Peak   |
| 6     | 9648.0000   | 37.66                         | 6.72            | -40.73          | 43.42          | 47.07          | 74.00          | 26.93       | Pass   | H        | Peak   |
| 7     | 1400.0400   | 28.30                         | 2.90            | -42.68          | 56.50          | 45.02          | 74.00          | 28.98       | Pass   | V        | Peak   |
| 8     | 1598.6599   | 29.05                         | 3.07            | -42.90          | 57.98          | 47.20          | 74.00          | 26.80       | Pass   | V        | Peak   |
| 9     | 2198.9199   | 31.98                         | 3.65            | -42.52          | 57.13          | 50.24          | 74.00          | 23.76       | Pass   | V        | Peak   |
| 10    | 4824.0000   | 34.50                         | 4.61            | -40.65          | 43.77          | 42.23          | 74.00          | 31.77       | Pass   | V        | Peak   |
| 11    | 7236.0000   | 36.34                         | 5.79            | -40.99          | 43.62          | 44.76          | 74.00          | 29.24       | Pass   | V        | Peak   |
| 12    | 9648.0000   | 37.66                         | 6.72            | -40.73          | 45.02          | 48.67          | 74.00          | 25.33       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.6201   | 28.10                         | 2.66            | -42.89          | 61.22          | 49.09          | 74.00          | 24.91       | Pass   | H        | Peak   |
| 2     | 1680.6681   | 29.59                         | 3.18            | -42.71          | 54.30          | 44.36          | 74.00          | 29.64       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                         | 4.45            | -41.97          | 55.56          | 51.34          | 74.00          | 22.66       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                         | 4.78            | -40.61          | 46.66          | 45.33          | 74.00          | 28.67       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                         | 5.85            | -40.93          | 43.57          | 44.90          | 74.00          | 29.10       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                         | 6.77            | -40.63          | 43.67          | 47.51          | 74.00          | 26.49       | Pass   | H        | Peak   |
| 7     | 1596.2596   | 29.04                         | 3.07            | -42.90          | 58.14          | 47.35          | 74.00          | 26.65       | Pass   | V        | Peak   |
| 8     | 2192.3192   | 31.97                         | 3.65            | -42.53          | 58.06          | 51.15          | 74.00          | 22.85       | Pass   | V        | Peak   |
| 9     | 2986.1986   | 33.18                         | 4.51            | -42.13          | 56.03          | 51.59          | 74.00          | 22.41       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                         | 4.78            | -40.61          | 44.18          | 42.85          | 74.00          | 31.15       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                         | 5.85            | -40.93          | 44.39          | 45.72          | 74.00          | 28.28       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                         | 6.77            | -40.63          | 42.72          | 46.56          | 74.00          | 27.44       | Pass   | V        | Peak   |

| Mode: |             | 802.11 g (6Mbps) Transmitting |                 |                 |                | Channel:       |                | 2462        |        |          |        |
|-------|-------------|-------------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]               | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.2200   | 28.10                         | 2.66            | -42.89          | 65.05          | 52.92          | 74.00          | 21.08       | Pass   | H        | Peak   |
| 2     | 1679.4679   | 29.58                         | 3.18            | -42.71          | 54.53          | 44.58          | 74.00          | 29.42       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                         | 4.54            | -41.95          | 54.08          | 49.98          | 74.00          | 24.02       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                         | 4.85            | -40.56          | 49.90          | 48.69          | 74.00          | 25.31       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                         | 5.85            | -40.87          | 43.54          | 45.01          | 74.00          | 28.99       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                         | 6.83            | -40.54          | 42.97          | 47.00          | 74.00          | 27.00       | Pass   | H        | Peak   |
| 7     | 1396.4396   | 28.30                         | 2.89            | -42.68          | 56.43          | 44.94          | 74.00          | 29.06       | Pass   | V        | Peak   |
| 8     | 1592.8593   | 29.01                         | 3.06            | -42.88          | 58.85          | 48.04          | 74.00          | 25.96       | Pass   | V        | Peak   |
| 9     | 2191.7192   | 31.97                         | 3.65            | -42.53          | 56.72          | 49.81          | 74.00          | 24.19       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                         | 4.85            | -40.56          | 44.77          | 43.56          | 74.00          | 30.44       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                         | 5.85            | -40.87          | 44.32          | 45.79          | 74.00          | 28.21       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                         | 6.83            | -40.54          | 43.05          | 47.08          | 74.00          | 26.92       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1096.4096   | 28.00                     | 2.56            | -42.73          | 56.41          | 44.24          | 74.00          | 29.76       | Pass   | H        | Peak   |
| 2     | 1201.8202   | 28.10                     | 2.66            | -42.89          | 59.51          | 47.38          | 74.00          | 26.62       | Pass   | H        | Peak   |
| 3     | 3216.0144   | 33.29                     | 4.59            | -42.00          | 55.71          | 51.59          | 74.00          | 22.41       | Pass   | H        | Peak   |
| 4     | 4824.0000   | 34.50                     | 4.61            | -40.65          | 45.13          | 43.59          | 74.00          | 30.41       | Pass   | H        | Peak   |
| 5     | 7236.0000   | 36.34                     | 5.79            | -40.99          | 44.53          | 45.67          | 74.00          | 28.33       | Pass   | H        | Peak   |
| 6     | 9648.0000   | 37.66                     | 6.72            | -40.73          | 43.13          | 46.78          | 74.00          | 27.22       | Pass   | H        | Peak   |
| 7     | 1398.6399   | 28.30                     | 2.90            | -42.68          | 55.80          | 44.32          | 74.00          | 29.68       | Pass   | V        | Peak   |
| 8     | 1596.0596   | 29.03                     | 3.07            | -42.89          | 59.89          | 49.10          | 74.00          | 24.90       | Pass   | V        | Peak   |
| 9     | 2191.9192   | 31.97                     | 3.65            | -42.53          | 56.00          | 49.09          | 74.00          | 24.91       | Pass   | V        | Peak   |
| 10    | 4824.0000   | 34.50                     | 4.61            | -40.65          | 43.88          | 42.34          | 74.00          | 31.66       | Pass   | V        | Peak   |
| 11    | 7236.0000   | 36.34                     | 5.79            | -40.99          | 44.19          | 45.33          | 74.00          | 28.67       | Pass   | V        | Peak   |
| 12    | 9648.0000   | 37.66                     | 6.72            | -40.73          | 44.28          | 47.93          | 74.00          | 26.07       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1201.6202   | 28.10                     | 2.66            | -42.89          | 57.76          | 45.63          | 74.00          | 28.37       | Pass   | H        | Peak   |
| 2     | 1680.2680   | 29.59                     | 3.18            | -42.71          | 55.70          | 45.76          | 74.00          | 28.24       | Pass   | H        | Peak   |
| 3     | 3250.0167   | 33.30                     | 4.45            | -41.97          | 55.06          | 50.84          | 74.00          | 23.16       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                     | 4.78            | -40.61          | 47.28          | 45.95          | 74.00          | 28.05       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                     | 5.85            | -40.93          | 45.18          | 46.51          | 74.00          | 27.49       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                     | 6.77            | -40.63          | 42.74          | 46.58          | 74.00          | 27.42       | Pass   | H        | Peak   |
| 7     | 1401.0401   | 28.30                     | 2.90            | -42.68          | 55.37          | 43.89          | 74.00          | 30.11       | Pass   | V        | Peak   |
| 8     | 1594.6595   | 29.02                     | 3.07            | -42.89          | 58.21          | 47.41          | 74.00          | 26.59       | Pass   | V        | Peak   |
| 9     | 2199.1199   | 31.98                     | 3.65            | -42.52          | 57.16          | 50.27          | 74.00          | 23.73       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                     | 4.78            | -40.61          | 44.67          | 43.34          | 74.00          | 30.66       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                     | 5.85            | -40.93          | 44.60          | 45.93          | 74.00          | 28.07       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                     | 6.77            | -40.63          | 43.50          | 47.34          | 74.00          | 26.66       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                      | Channel:             |                      | 2462        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.6200   | 28.10                     | 2.66            | -42.89          | 60.46                | 48.33                | 74.00                | 25.67       | Pass   | H        | Peak   |
| 2     | 1681.8682   | 29.60                     | 3.18            | -42.70          | 53.44                | 43.52                | 74.00                | 30.48       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                     | 4.54            | -41.95          | 54.16                | 50.06                | 74.00                | 23.94       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                     | 4.85            | -40.56          | 46.03                | 44.82                | 74.00                | 29.18       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                     | 5.85            | -40.87          | 43.79                | 45.26                | 74.00                | 28.74       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                     | 6.83            | -40.54          | 42.52                | 46.55                | 74.00                | 27.45       | Pass   | H        | Peak   |
| 7     | 1397.6398   | 28.30                     | 2.90            | -42.69          | 55.94                | 44.45                | 74.00                | 29.55       | Pass   | V        | Peak   |
| 8     | 1595.2595   | 29.03                     | 3.07            | -42.89          | 57.87                | 47.08                | 74.00                | 26.92       | Pass   | V        | Peak   |
| 9     | 2195.1195   | 31.97                     | 3.65            | -42.52          | 58.58                | 51.68                | 74.00                | 22.32       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                     | 4.85            | -40.56          | 43.98                | 42.77                | 74.00                | 31.23       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                     | 5.85            | -40.87          | 44.01                | 45.48                | 74.00                | 28.52       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                     | 6.83            | -40.54          | 42.52                | 46.55                | 74.00                | 27.45       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                      | Channel:             |                      | 2422        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1200.0200   | 28.10                      | 2.66            | -42.89          | 65.81                | 53.68                | 74.00                | 20.32       | Pass   | H        | Peak   |
| 2     | 1990.8991   | 31.64                      | 3.46            | -42.61          | 59.19                | 51.68                | 74.00                | 22.32       | Pass   | H        | Peak   |
| 3     | 3229.0153   | 33.29                      | 4.53            | -41.98          | 54.81                | 50.65                | 74.00                | 23.35       | Pass   | H        | Peak   |
| 4     | 4844.0000   | 34.50                      | 4.66            | -40.62          | 51.25                | 49.79                | 74.00                | 24.21       | Pass   | H        | Peak   |
| 5     | 7266.0000   | 36.37                      | 5.80            | -40.97          | 43.89                | 45.09                | 74.00                | 28.91       | Pass   | H        | Peak   |
| 6     | 9688.0000   | 37.68                      | 6.62            | -40.69          | 43.47                | 47.08                | 74.00                | 26.92       | Pass   | H        | Peak   |
| 7     | 1199.0199   | 28.10                      | 2.66            | -42.89          | 55.98                | 43.85                | 74.00                | 30.15       | Pass   | V        | Peak   |
| 8     | 1394.8395   | 28.29                      | 2.89            | -42.68          | 56.12                | 44.62                | 74.00                | 29.38       | Pass   | V        | Peak   |
| 9     | 1594.2594   | 29.02                      | 3.07            | -42.89          | 59.71                | 48.91                | 74.00                | 25.09       | Pass   | V        | Peak   |
| 10    | 4844.0000   | 34.50                      | 4.66            | -40.62          | 45.04                | 43.58                | 74.00                | 30.42       | Pass   | V        | Peak   |
| 11    | 7266.0000   | 36.37                      | 5.80            | -40.97          | 44.51                | 45.71                | 74.00                | 28.29       | Pass   | V        | Peak   |
| 12    | 9688.0000   | 37.68                      | 6.62            | -40.69          | 43.54                | 47.15                | 74.00                | 26.85       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.4199   | 28.10                      | 2.66            | -42.89          | 63.14          | 51.01          | 74.00          | 22.99       | Pass   | H        | Peak   |
| 2     | 1974.2974   | 31.53                      | 3.44            | -42.62          | 56.46          | 48.81          | 74.00          | 25.19       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                      | 4.45            | -41.97          | 56.60          | 52.38          | 74.00          | 21.62       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                      | 4.78            | -40.61          | 50.16          | 48.83          | 74.00          | 25.17       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                      | 5.85            | -40.93          | 44.15          | 45.48          | 74.00          | 28.52       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                      | 6.77            | -40.63          | 42.97          | 46.81          | 74.00          | 27.19       | Pass   | H        | Peak   |
| 7     | 1396.2396   | 28.30                      | 2.89            | -42.68          | 55.85          | 44.36          | 74.00          | 29.64       | Pass   | V        | Peak   |
| 8     | 1599.4599   | 29.06                      | 3.07            | -42.90          | 58.25          | 47.48          | 74.00          | 26.52       | Pass   | V        | Peak   |
| 9     | 2901.3901   | 33.04                      | 4.38            | -42.17          | 54.38          | 49.63          | 74.00          | 24.37       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                      | 4.78            | -40.61          | 44.38          | 43.05          | 74.00          | 30.95       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                      | 5.85            | -40.93          | 43.82          | 45.15          | 74.00          | 28.85       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                      | 6.77            | -40.63          | 42.96          | 46.80          | 74.00          | 27.20       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |         |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|---------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark  |
| 1     | 1200.2200   | 28.10                      | 2.66            | -42.89          | 63.47          | 51.34          | 74.00          | 22.66       | Pass   | H        | Peak    |
| 2     | 1955.6956   | 31.41                      | 3.43            | -42.64          | 55.03          | 47.23          | 74.00          | 26.77       | Pass   | H        | Peak    |
| 3     | 2916.1916   | 33.07                      | 4.39            | -42.17          | 62.25          | 57.54          | 74.00          | 16.46       | Pass   | H        | Peak    |
| 4     | 4904.0000   | 34.50                      | 4.88            | -40.58          | 48.35          | 47.15          | 74.00          | 26.85       | Pass   | H        | Peak    |
| 5     | 7356.0000   | 36.46                      | 5.85            | -40.89          | 44.35          | 45.77          | 74.00          | 28.23       | Pass   | H        | Peak    |
| 6     | 9808.0000   | 37.72                      | 6.59            | -40.57          | 42.61          | 46.35          | 74.00          | 27.65       | Pass   | H        | Peak    |
| 7     | 2916.0602   | 33.07                      | 4.39            | -42.17          | 48.10          | 43.39          | 54.00          | 10.61       | Pass   | H        | Average |
| 8     | 2915.1465   | 33.06                      | 4.39            | -42.17          | 49.63          | 44.91          | 54.00          | 9.09        | Pass   | H        | Average |
| 9     | 1399.8400   | 28.30                      | 2.90            | -42.68          | 57.20          | 45.72          | 74.00          | 28.28       | Pass   | V        | Peak    |
| 10    | 1592.2592   | 29.01                      | 3.06            | -42.88          | 58.04          | 47.23          | 74.00          | 26.77       | Pass   | V        | Peak    |
| 11    | 1807.2807   | 30.43                      | 3.33            | -42.71          | 57.84          | 48.89          | 74.00          | 25.11       | Pass   | V        | Peak    |
| 12    | 4904.0000   | 34.50                      | 4.88            | -40.58          | 45.85          | 44.65          | 74.00          | 29.35       | Pass   | V        | Peak    |
| 13    | 7356.0000   | 36.46                      | 5.85            | -40.89          | 43.90          | 45.32          | 74.00          | 28.68       | Pass   | V        | Peak    |
| 14    | 9808.0000   | 37.72                      | 6.59            | -40.57          | 42.67          | 46.41          | 74.00          | 27.59       | Pass   | V        | Peak    |

**Mimo:**

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2412        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1201.8202   | 28.10                     | 2.66            | -42.89          | 58.16          | 46.03          | 74.00          | 27.97       | Pass   | H        | Peak   |
| 2     | 1682.6683   | 29.61                     | 3.18            | -42.71          | 54.55          | 44.63          | 74.00          | 29.37       | Pass   | H        | Peak   |
| 3     | 3216.0144   | 33.29                     | 4.59            | -42.00          | 55.03          | 50.91          | 74.00          | 23.09       | Pass   | H        | Peak   |
| 4     | 4824.0000   | 34.50                     | 4.61            | -40.65          | 44.32          | 42.78          | 74.00          | 31.22       | Pass   | H        | Peak   |
| 5     | 7236.0000   | 36.34                     | 5.79            | -40.99          | 44.09          | 45.23          | 74.00          | 28.77       | Pass   | H        | Peak   |
| 6     | 9648.0000   | 37.66                     | 6.72            | -40.73          | 43.97          | 47.62          | 74.00          | 26.38       | Pass   | H        | Peak   |
| 7     | 1395.2395   | 28.30                     | 2.89            | -42.69          | 56.08          | 44.58          | 74.00          | 29.42       | Pass   | V        | Peak   |
| 8     | 1592.4592   | 29.01                     | 3.06            | -42.88          | 59.87          | 49.06          | 74.00          | 24.94       | Pass   | V        | Peak   |
| 9     | 2192.3192   | 31.97                     | 3.65            | -42.53          | 56.92          | 50.01          | 74.00          | 23.99       | Pass   | V        | Peak   |
| 10    | 4824.0000   | 34.50                     | 4.61            | -40.65          | 43.62          | 42.08          | 74.00          | 31.92       | Pass   | V        | Peak   |
| 11    | 7236.0000   | 36.34                     | 5.79            | -40.99          | 44.26          | 45.40          | 74.00          | 28.60       | Pass   | V        | Peak   |
| 12    | 9648.0000   | 37.66                     | 6.72            | -40.73          | 43.46          | 47.11          | 74.00          | 26.89       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1095.0095   | 28.00                     | 2.56            | -42.73          | 56.80          | 44.63          | 74.00          | 29.37       | Pass   | H        | Peak   |
| 2     | 1201.4201   | 28.10                     | 2.66            | -42.89          | 57.39          | 45.26          | 74.00          | 28.74       | Pass   | H        | Peak   |
| 3     | 3274.0183   | 33.31                     | 4.51            | -41.95          | 49.05          | 44.92          | 74.00          | 29.08       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                     | 4.78            | -40.61          | 44.05          | 42.72          | 74.00          | 31.28       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                     | 5.85            | -40.93          | 45.91          | 47.24          | 74.00          | 26.76       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                     | 6.77            | -40.63          | 44.10          | 47.94          | 74.00          | 26.06       | Pass   | H        | Peak   |
| 7     | 1396.6397   | 28.30                     | 2.89            | -42.68          | 57.32          | 45.83          | 74.00          | 28.17       | Pass   | V        | Peak   |
| 8     | 1595.0595   | 29.03                     | 3.07            | -42.90          | 59.61          | 48.81          | 74.00          | 25.19       | Pass   | V        | Peak   |
| 9     | 2191.5192   | 31.97                     | 3.65            | -42.53          | 55.56          | 48.65          | 74.00          | 25.35       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                     | 4.78            | -40.61          | 44.31          | 42.98          | 74.00          | 31.02       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                     | 5.85            | -40.93          | 44.13          | 45.46          | 74.00          | 28.54       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                     | 6.77            | -40.63          | 44.03          | 47.87          | 74.00          | 26.13       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT20) (6.5Mbps) |                 |                 |                      | Channel:             |                      | 2462        |        |          |        |
|-------|-------------|---------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]           | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.8200   | 28.10                     | 2.66            | -42.89          | 62.43                | 50.30                | 74.00                | 23.70       | Pass   | H        | Peak   |
| 2     | 1678.2678   | 29.58                     | 3.17            | -42.71          | 55.45                | 45.49                | 74.00                | 28.51       | Pass   | H        | Peak   |
| 3     | 3283.0189   | 33.31                     | 4.54            | -41.95          | 55.33                | 51.23                | 74.00                | 22.77       | Pass   | H        | Peak   |
| 4     | 4924.0000   | 34.50                     | 4.85            | -40.56          | 45.77                | 44.56                | 74.00                | 29.44       | Pass   | H        | Peak   |
| 5     | 7386.0000   | 36.49                     | 5.85            | -40.87          | 44.01                | 45.48                | 74.00                | 28.52       | Pass   | H        | Peak   |
| 6     | 9848.0000   | 37.74                     | 6.83            | -40.54          | 44.07                | 48.10                | 74.00                | 25.90       | Pass   | H        | Peak   |
| 7     | 1398.0398   | 28.30                     | 2.90            | -42.69          | 56.07                | 44.58                | 74.00                | 29.42       | Pass   | V        | Peak   |
| 8     | 1596.6597   | 29.04                     | 3.07            | -42.90          | 59.98                | 49.19                | 74.00                | 24.81       | Pass   | V        | Peak   |
| 9     | 2197.1197   | 31.98                     | 3.65            | -42.53          | 57.65                | 50.75                | 74.00                | 23.25       | Pass   | V        | Peak   |
| 10    | 4924.0000   | 34.50                     | 4.85            | -40.56          | 44.40                | 43.19                | 74.00                | 30.81       | Pass   | V        | Peak   |
| 11    | 7386.0000   | 36.49                     | 5.85            | -40.87          | 44.16                | 45.63                | 74.00                | 28.37       | Pass   | V        | Peak   |
| 12    | 9848.0000   | 37.74                     | 6.83            | -40.54          | 42.69                | 46.72                | 74.00                | 27.28       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                      | Channel:             |                      | 2422        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------------|----------------------|----------------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dB $\mu$ V] | Level [dB $\mu$ V/m] | Limit [dB $\mu$ V/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.4199   | 28.10                      | 2.66            | -42.89          | 57.72                | 45.59                | 74.00                | 28.41       | Pass   | H        | Peak   |
| 2     | 2884.3884   | 33.02                      | 4.33            | -42.18          | 53.25                | 48.42                | 74.00                | 25.58       | Pass   | H        | Peak   |
| 3     | 3230.0153   | 33.29                      | 4.53            | -41.98          | 55.14                | 50.98                | 74.00                | 23.02       | Pass   | H        | Peak   |
| 4     | 4844.0000   | 34.50                      | 4.66            | -40.62          | 44.40                | 42.94                | 74.00                | 31.06       | Pass   | H        | Peak   |
| 5     | 7266.0000   | 36.37                      | 5.80            | -40.97          | 44.38                | 45.58                | 74.00                | 28.42       | Pass   | H        | Peak   |
| 6     | 9688.0000   | 37.68                      | 6.62            | -40.69          | 44.00                | 47.61                | 74.00                | 26.39       | Pass   | H        | Peak   |
| 7     | 1399.4399   | 28.30                      | 2.90            | -42.68          | 57.86                | 46.38                | 74.00                | 27.62       | Pass   | V        | Peak   |
| 8     | 1592.4592   | 29.01                      | 3.06            | -42.88          | 59.30                | 48.49                | 74.00                | 25.51       | Pass   | V        | Peak   |
| 9     | 2196.9197   | 31.98                      | 3.65            | -42.53          | 57.41                | 50.51                | 74.00                | 23.49       | Pass   | V        | Peak   |
| 10    | 4844.0000   | 34.50                      | 4.66            | -40.62          | 43.96                | 42.50                | 74.00                | 31.50       | Pass   | V        | Peak   |
| 11    | 7266.0000   | 36.37                      | 5.80            | -40.97          | 44.40                | 45.60                | 74.00                | 28.40       | Pass   | V        | Peak   |
| 12    | 9688.0000   | 37.68                      | 6.62            | -40.69          | 43.64                | 47.25                | 74.00                | 26.75       | Pass   | V        | Peak   |



| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2437        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1679.8680   | 29.59                      | 3.18            | -42.72          | 60.72          | 50.77          | 74.00          | 23.23       | Pass   | H        | Peak   |
| 2     | 2900.5901   | 33.04                      | 4.38            | -42.17          | 54.14          | 49.39          | 74.00          | 24.61       | Pass   | H        | Peak   |
| 3     | 3249.0166   | 33.30                      | 4.45            | -41.97          | 55.74          | 51.52          | 74.00          | 22.48       | Pass   | H        | Peak   |
| 4     | 4874.0000   | 34.50                      | 4.78            | -40.61          | 43.90          | 42.57          | 74.00          | 31.43       | Pass   | H        | Peak   |
| 5     | 7311.0000   | 36.41                      | 5.85            | -40.93          | 43.91          | 45.24          | 74.00          | 28.76       | Pass   | H        | Peak   |
| 6     | 9748.0000   | 37.70                      | 6.77            | -40.63          | 43.09          | 46.93          | 74.00          | 27.07       | Pass   | H        | Peak   |
| 7     | 1393.6394   | 28.29                      | 2.89            | -42.68          | 55.79          | 44.29          | 74.00          | 29.71       | Pass   | V        | Peak   |
| 8     | 1594.2594   | 29.02                      | 3.07            | -42.89          | 59.05          | 48.25          | 74.00          | 25.75       | Pass   | V        | Peak   |
| 9     | 2197.9198   | 31.98                      | 3.65            | -42.53          | 57.62          | 50.72          | 74.00          | 23.28       | Pass   | V        | Peak   |
| 10    | 4874.0000   | 34.50                      | 4.78            | -40.61          | 44.50          | 43.17          | 74.00          | 30.83       | Pass   | V        | Peak   |
| 11    | 7311.0000   | 36.41                      | 5.85            | -40.93          | 43.83          | 45.16          | 74.00          | 28.84       | Pass   | V        | Peak   |
| 12    | 9748.0000   | 37.70                      | 6.77            | -40.63          | 43.04          | 46.88          | 74.00          | 27.12       | Pass   | V        | Peak   |

| Mode: |             | 802.11 n (HT40) (13.5Mbps) |                 |                 |                | Channel:       |                | 2452        |        |          |        |
|-------|-------------|----------------------------|-----------------|-----------------|----------------|----------------|----------------|-------------|--------|----------|--------|
| NO    | Freq. [MHz] | Ant Factor [dB]            | Cable loss [dB] | Pream gain [dB] | Reading [dBμV] | Level [dBμV/m] | Limit [dBμV/m] | Margin [dB] | Result | Polarity | Remark |
| 1     | 1199.8200   | 28.10                      | 2.66            | -42.89          | 63.21          | 51.08          | 74.00          | 22.92       | Pass   | H        | Peak   |
| 2     | 1680.0680   | 29.59                      | 3.18            | -42.71          | 56.15          | 46.21          | 74.00          | 27.79       | Pass   | H        | Peak   |
| 3     | 3270.0180   | 33.31                      | 4.50            | -41.96          | 55.38          | 51.23          | 74.00          | 22.77       | Pass   | H        | Peak   |
| 4     | 4904.0000   | 34.50                      | 4.88            | -40.58          | 45.59          | 44.39          | 74.00          | 29.61       | Pass   | H        | Peak   |
| 5     | 7356.0000   | 36.46                      | 5.85            | -40.89          | 44.36          | 45.78          | 74.00          | 28.22       | Pass   | H        | Peak   |
| 6     | 9808.0000   | 37.72                      | 6.59            | -40.57          | 42.78          | 46.52          | 74.00          | 27.48       | Pass   | H        | Peak   |
| 7     | 1396.6397   | 28.30                      | 2.89            | -42.68          | 55.98          | 44.49          | 74.00          | 29.51       | Pass   | V        | Peak   |
| 8     | 1595.0595   | 29.03                      | 3.07            | -42.90          | 58.96          | 48.16          | 74.00          | 25.84       | Pass   | V        | Peak   |
| 9     | 2195.5196   | 31.97                      | 3.65            | -42.52          | 57.98          | 51.08          | 74.00          | 22.92       | Pass   | V        | Peak   |
| 10    | 4904.0000   | 34.50                      | 4.88            | -40.58          | 45.00          | 43.80          | 74.00          | 30.20       | Pass   | V        | Peak   |
| 11    | 7356.0000   | 36.46                      | 5.85            | -40.89          | 44.62          | 46.04          | 74.00          | 27.96       | Pass   | V        | Peak   |
| 12    | 9808.0000   | 37.72                      | 6.59            | -40.57          | 44.51          | 48.25          | 74.00          | 25.75       | Pass   | V        | Peak   |

Note:

1) Through Pre-scan transmitting mode and charge+transmitter mode with all kind of modulation and data rate, find the 11Mbps of rate is the worst case of 802.11b; 6Mbps of rate is the worst case of 802.11g; 6.5Mbps of rate is the worst case of 802.11n(HT20) ; 13.5Mbps of rate is the worst case of 802.11n(HT40),and then Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

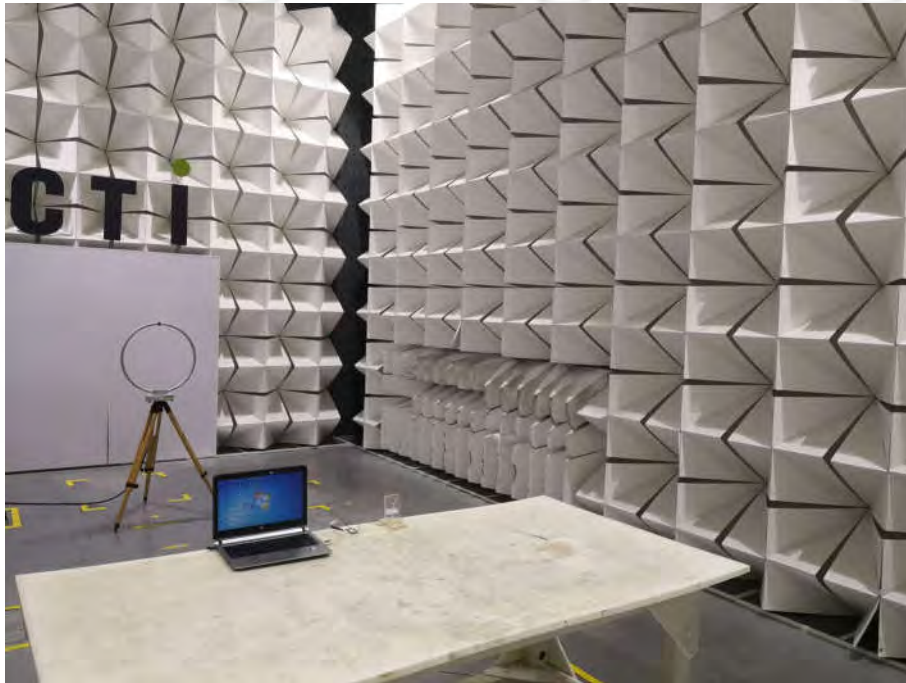
Final Test Level =Receiver Reading - Correct Factor

Correct Factor = Preamplifier Factor– Antenna Factor–Cable Factor

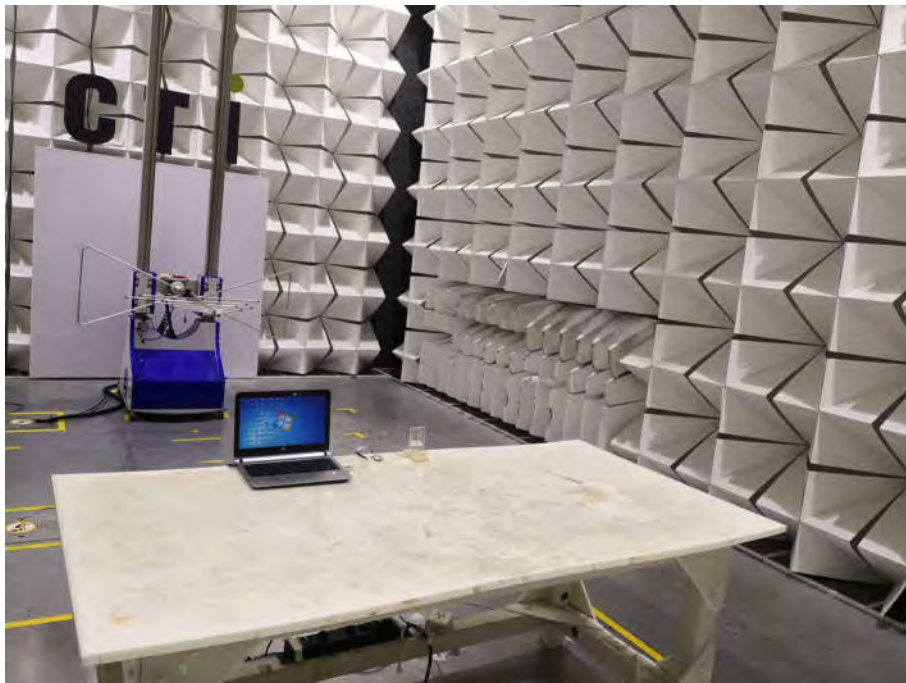
3) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

## PHOTOGRAPHS OF TEST SETUP

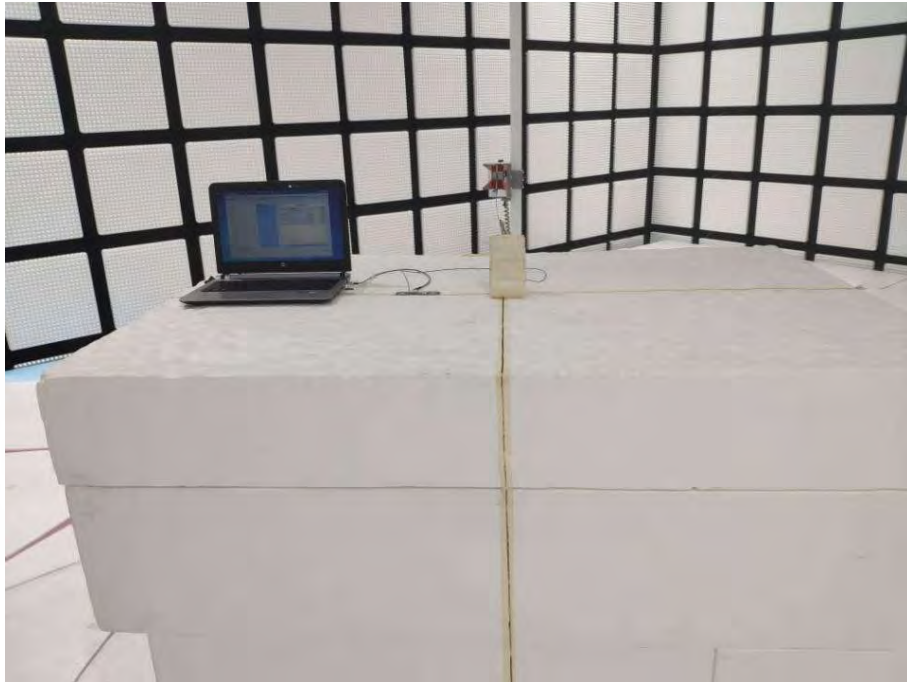
Test model No.: WCT3TM2311



**Radiated spurious emission Test Setup-1(Below 30MHz)**



**Radiated spurious emission Test Setup-2 (Below 1GHz)**



**Radiated spurious emission Test Setup-3 (Above 1GHz)**



**Conducted Emissions Test Setup**

## PHOTOGRAPHS OF EUT Constructional Details

Refer to Report No. EED32L00127301 for EUT external and internal photos.

\*\*\* End of Report \*\*\*

The test report is effective only with both signature and specialized stamp, The result(s) shown in this report refer only to the sample(s) tested. Without written approval of CTI, this report can't be reproduced except in full.