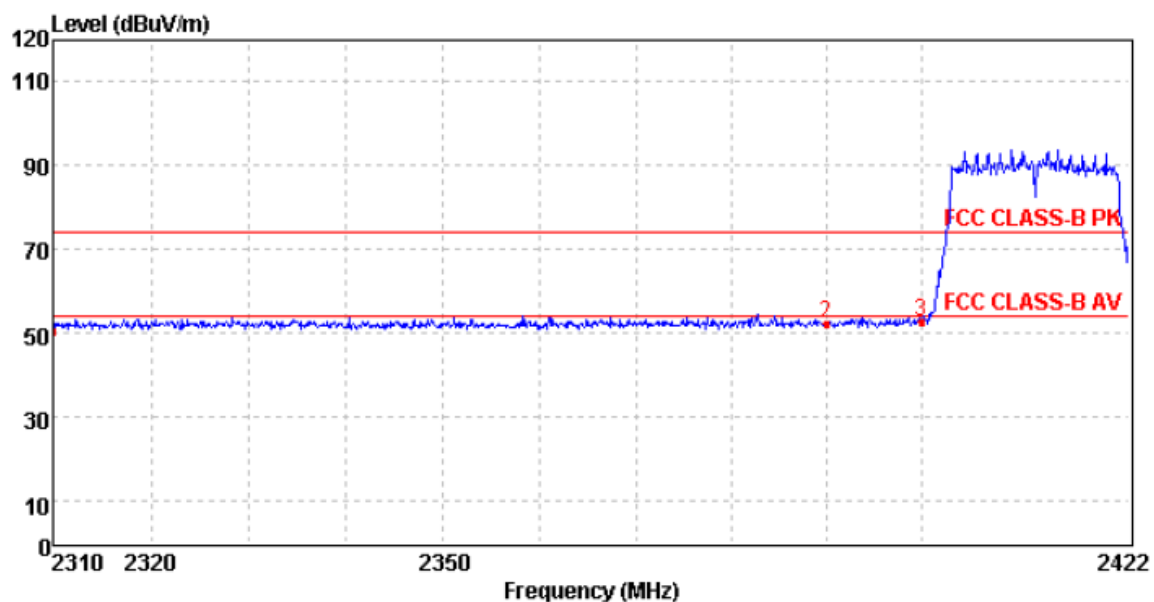
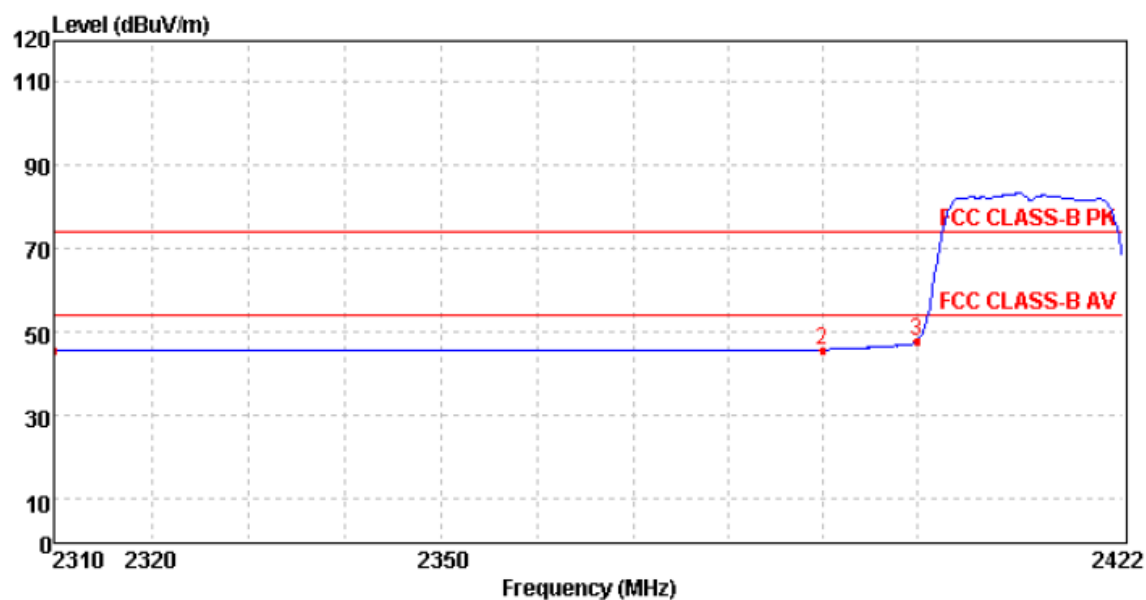


| | | | |
|------------|--------------------|--------------|----------|
| Test mode: | 802.11 n(H20) CH01 | Polarization | Vertical |
|------------|--------------------|--------------|----------|

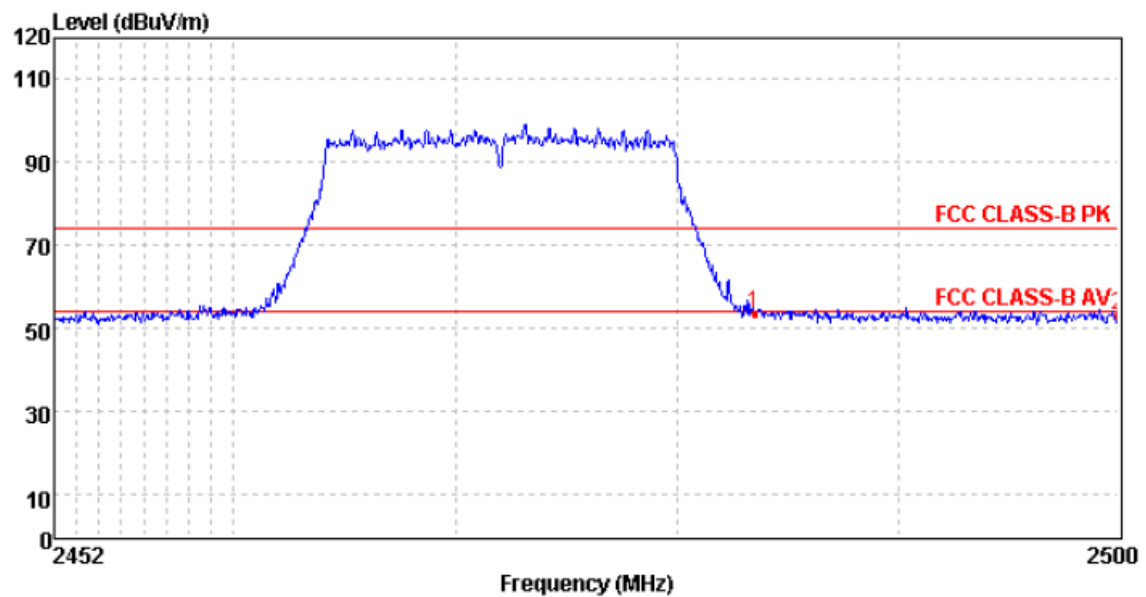


| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|
| 1 | 2310.00 | 16.43 | 27.27 | 6.62 | 0.00 | 50.32 | 74.00 | -23.68 | Peak |
| 2 | 2389.99 | 17.95 | 27.53 | 6.75 | 0.00 | 52.23 | 74.00 | -21.77 | Peak |
| 3 | 2399.97 | 18.23 | 27.57 | 6.77 | 0.00 | 52.57 | 74.00 | -21.43 | Peak |

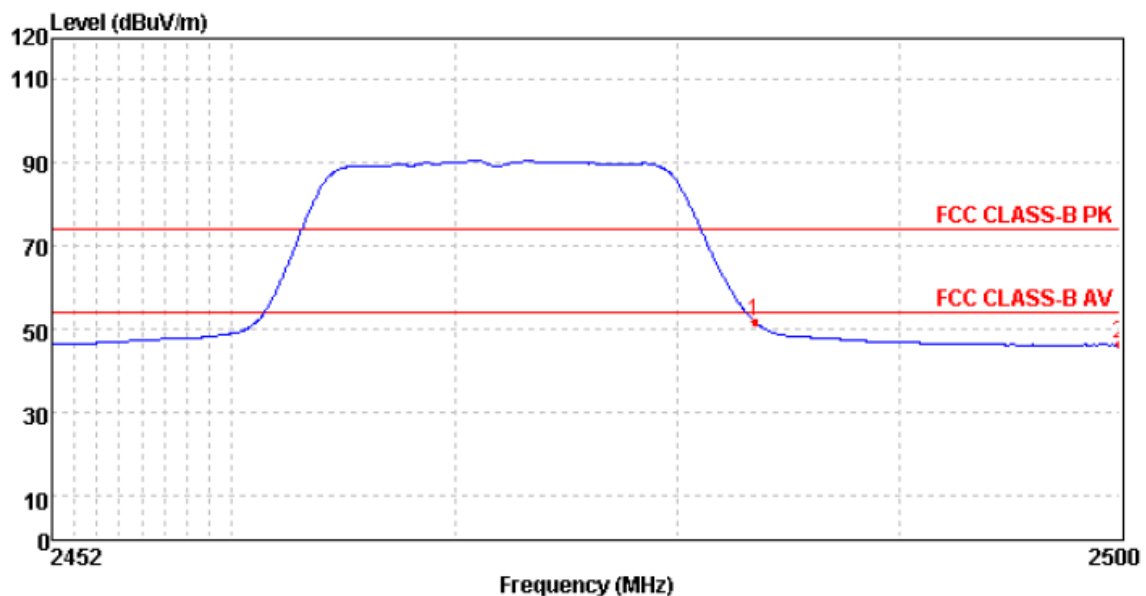


| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|---------|
| 1 | 2310.00 | 11.64 | 27.27 | 6.62 | 0.00 | 45.53 | 54.00 | -8.47 | Average |
| 2 | 2389.99 | 11.39 | 27.53 | 6.75 | 0.00 | 45.67 | 54.00 | -8.33 | Average |
| 3 | 2399.97 | 13.20 | 27.57 | 6.77 | 0.00 | 47.54 | 54.00 | -6.46 | Average |

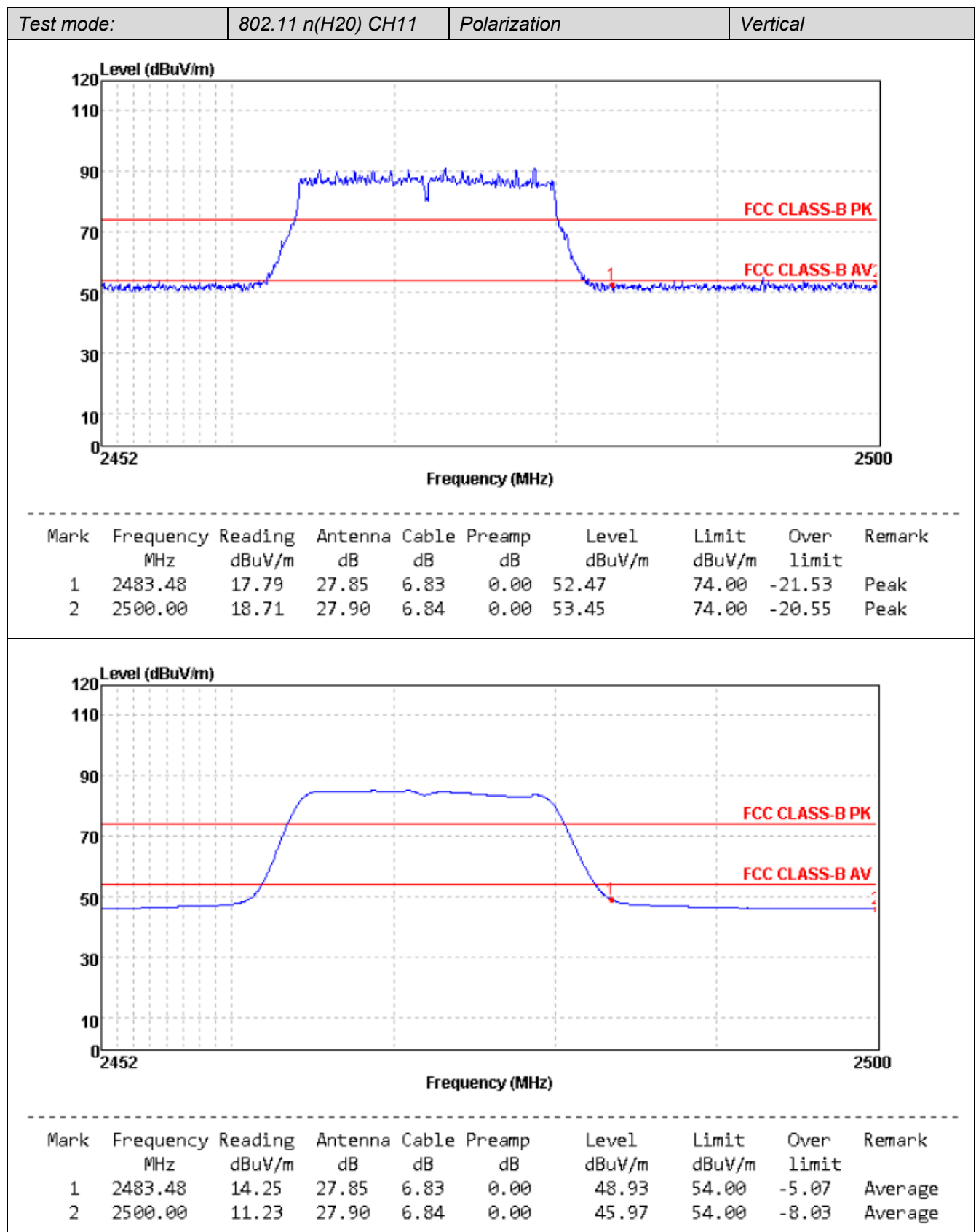
| | | | |
|------------|--------------------|--------------|------------|
| Test mode: | 802.11 n(H20) CH11 | Polarization | Horizontal |
|------------|--------------------|--------------|------------|

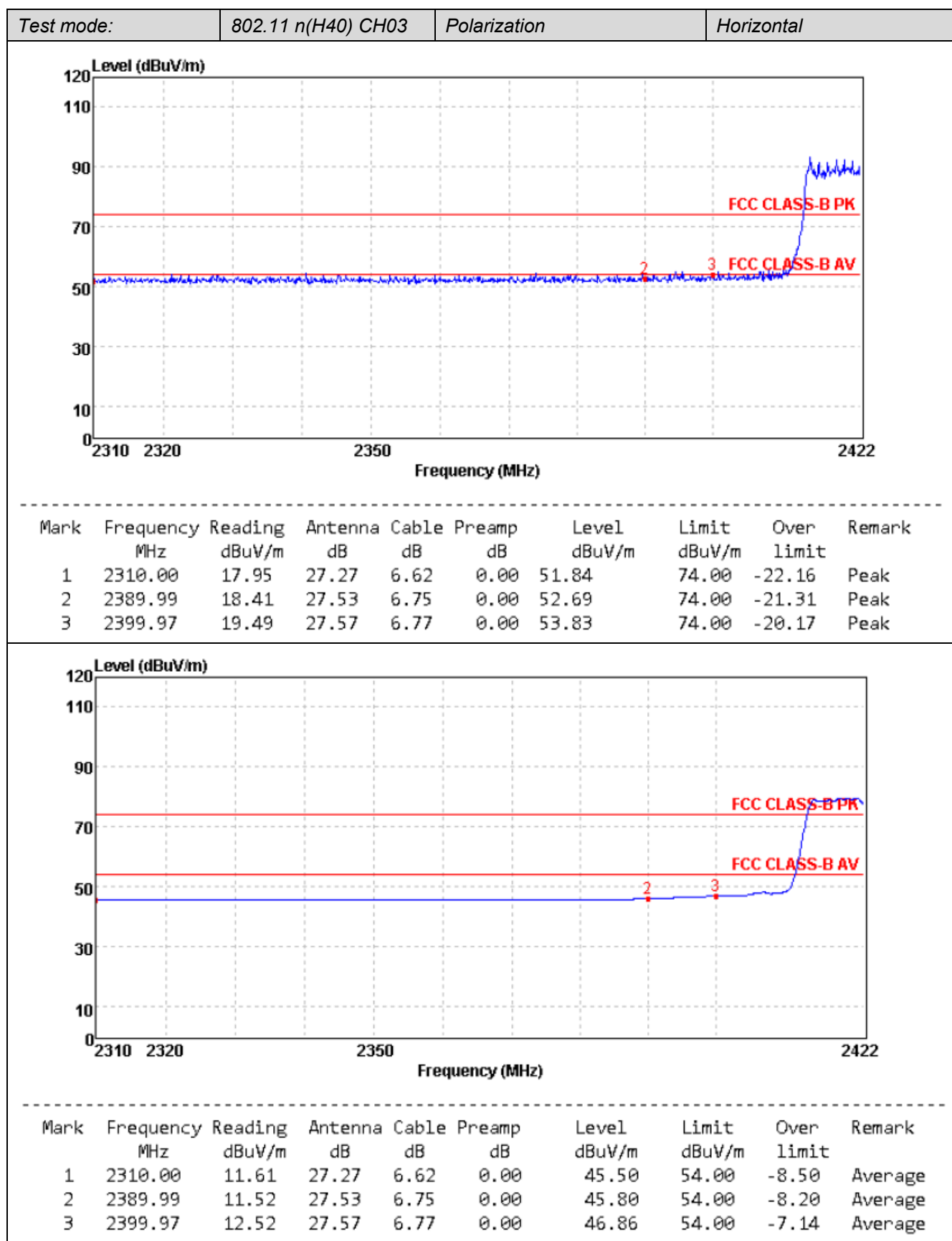


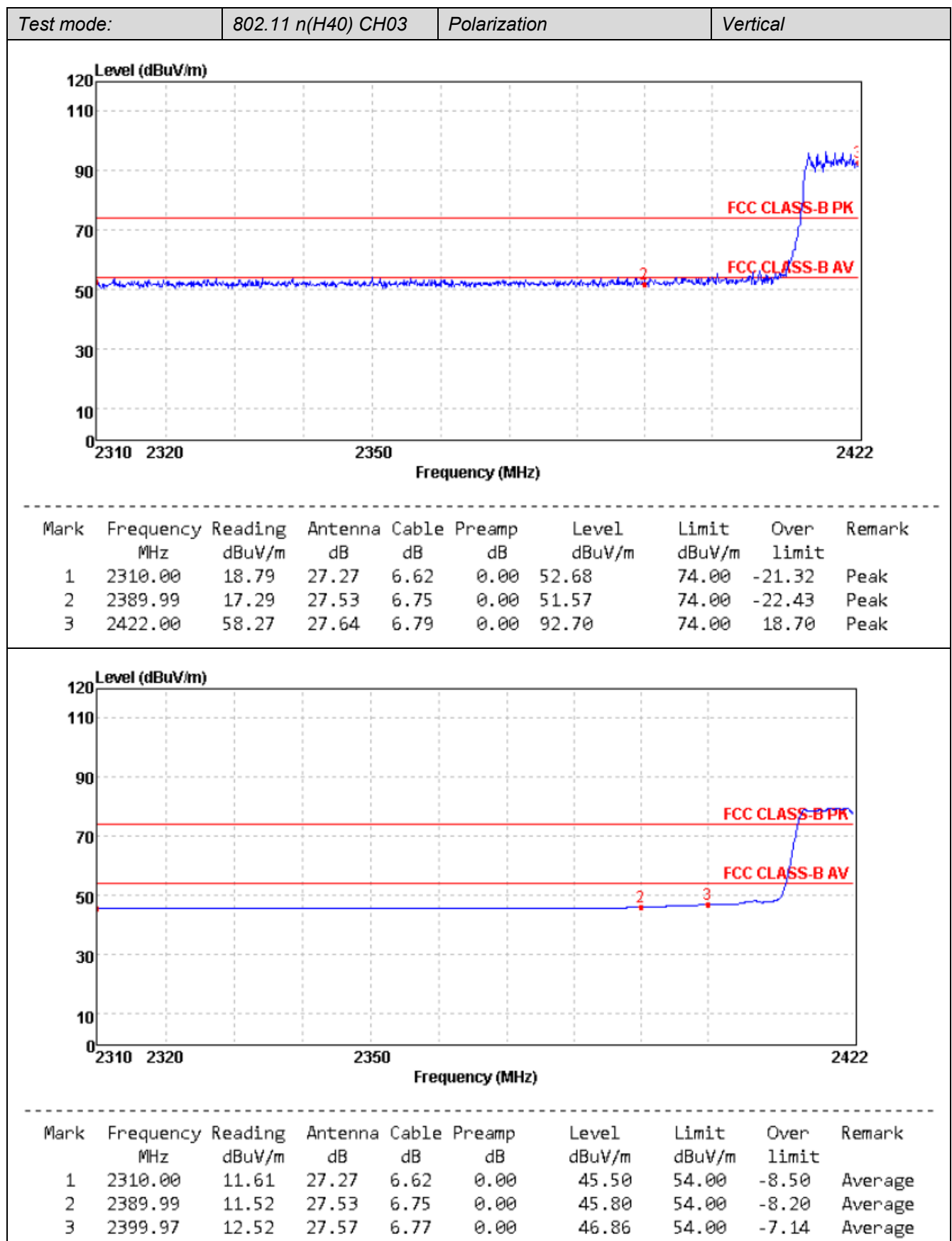
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|
| 1 | 2483.48 | 18.67 | 27.85 | 6.83 | 0.00 | 53.35 | 74.00 | -20.65 | Peak |
| 2 | 2500.00 | 18.20 | 27.90 | 6.84 | 0.00 | 52.94 | 74.00 | -21.06 | Peak |



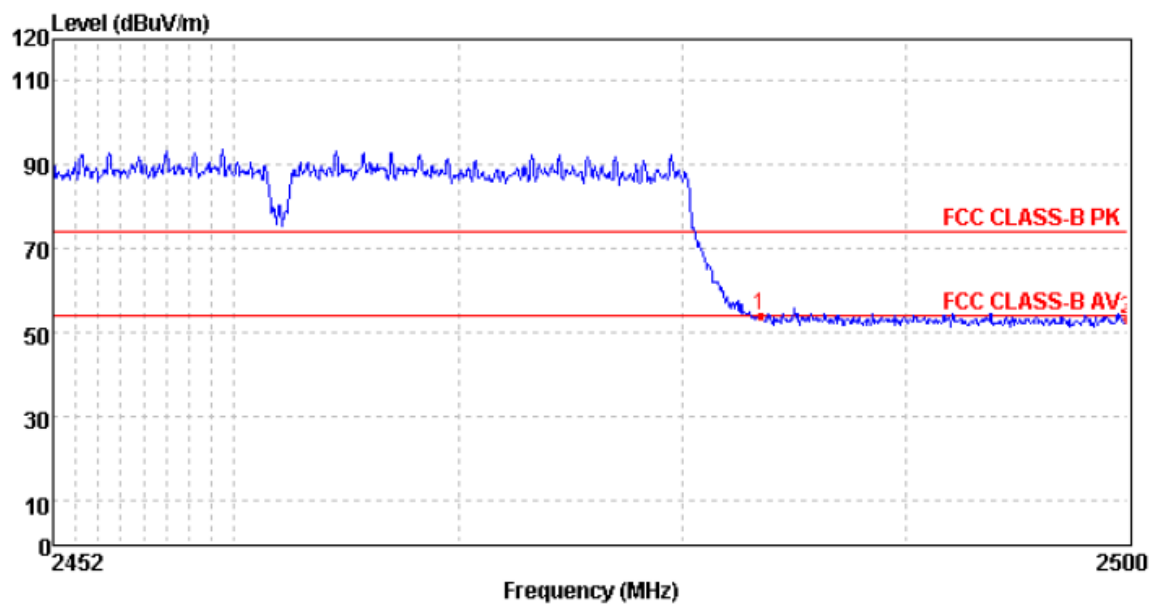
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|---------|
| 1 | 2483.48 | 17.20 | 27.85 | 6.83 | 0.00 | 51.88 | 54.00 | -2.12 | Average |
| 2 | 2500.00 | 11.43 | 27.90 | 6.84 | 0.00 | 46.17 | 54.00 | -7.83 | Average |



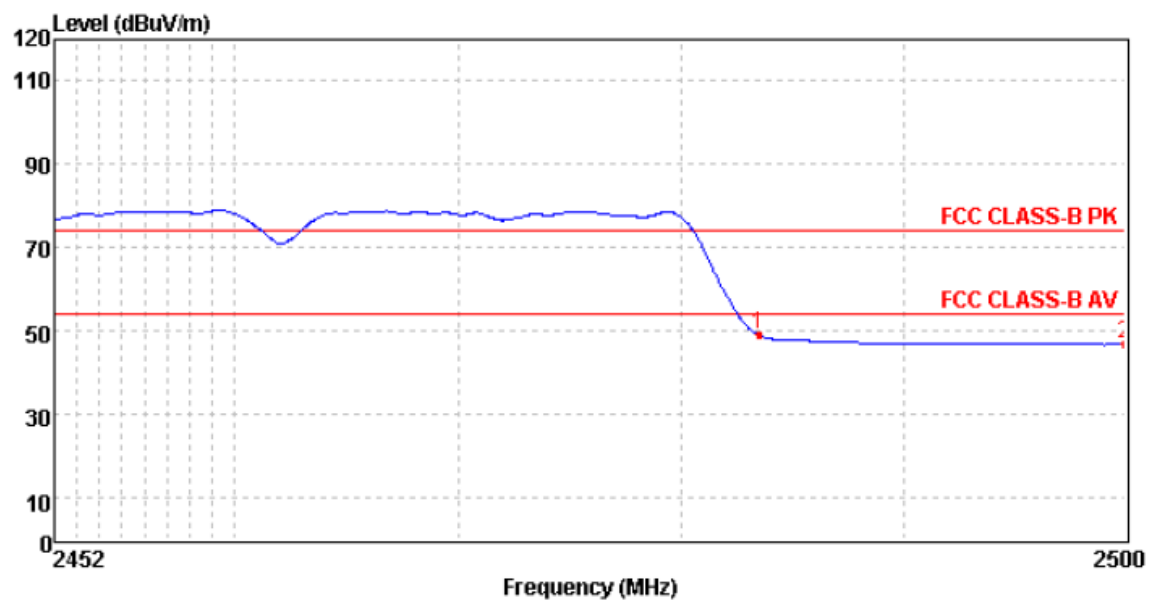




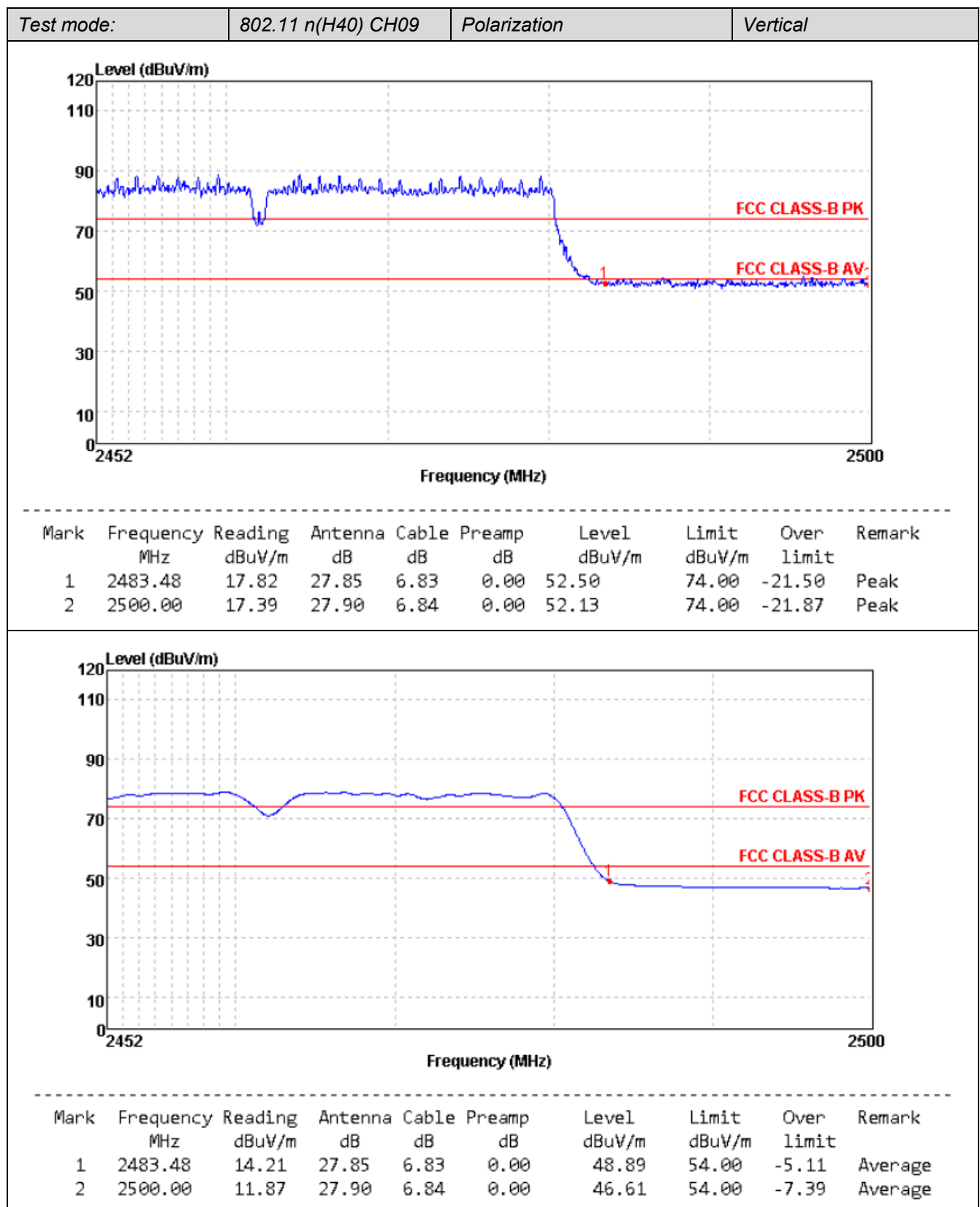
| | | | |
|------------|--------------------|--------------|------------|
| Test mode: | 802.11 n(H40) CH09 | Polarization | Horizontal |
|------------|--------------------|--------------|------------|



| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|
| 1 | 2483.48 | 19.18 | 27.85 | 6.83 | 0.00 | 53.86 | 74.00 | -20.14 | Peak |
| 3 | 2500.00 | 18.21 | 27.90 | 6.84 | 0.00 | 52.95 | 74.00 | -21.05 | Peak |



| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|---------|
| 1 | 2483.48 | 14.26 | 27.85 | 6.83 | 0.00 | 48.94 | 54.00 | -5.06 | Average |
| 2 | 2500.00 | 11.93 | 27.90 | 6.84 | 0.00 | 46.67 | 54.00 | -7.33 | Average |



Remark; $Final\ Level = Receiver\ Reading + Antenna\ Factor + Cable\ Loss - Preamplifier\ Factor$

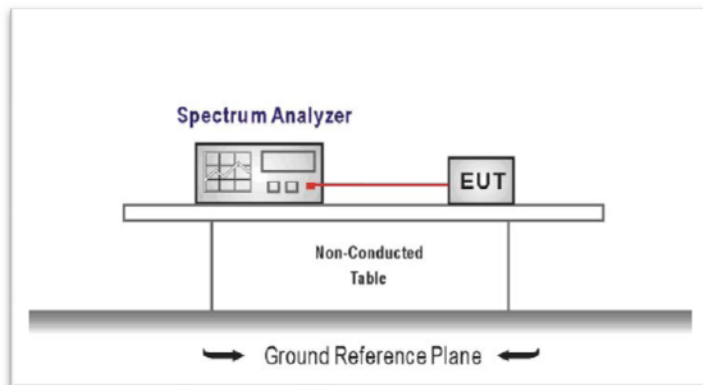
4.7. Band edge and Spurious Emission (conducted)

LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.247 (d):

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement.

TEST CONFIGURATION



TEST PROCEDURE

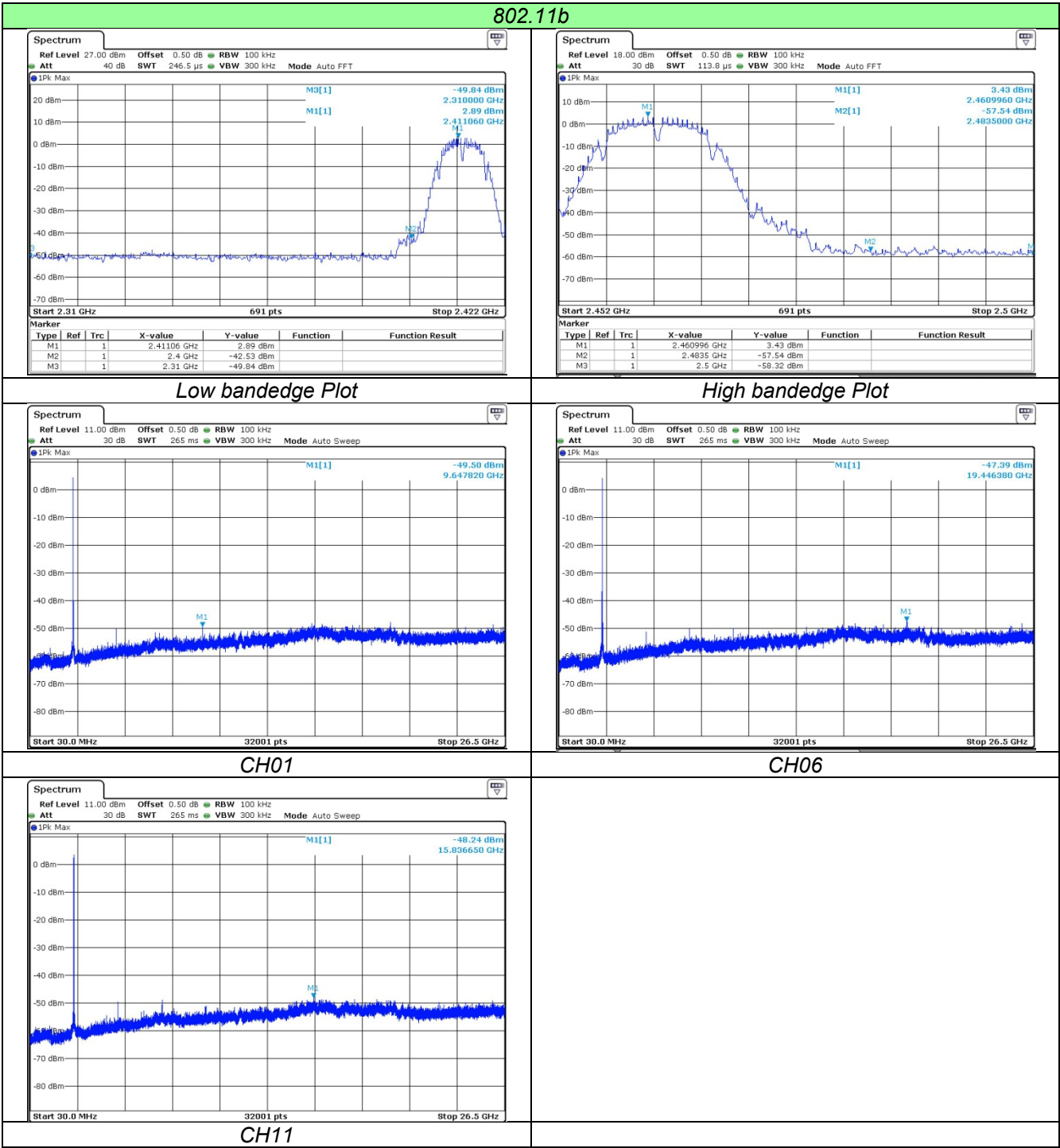
1. Connect the antenna port(s) to the spectrum analyzer input.
2. **Establish a reference level by using the following procedure**
Center frequency=DTS channel center frequency
The span = 1.5 times the DTS bandwidth.
RBW = 100 kHz, VBW \geq 3 x RBW
Detector = peak, Sweep time = auto couple, Trace mode = max hold
Allow trace to fully stabilize
Use the peak marker function to determine the maximum PSD level

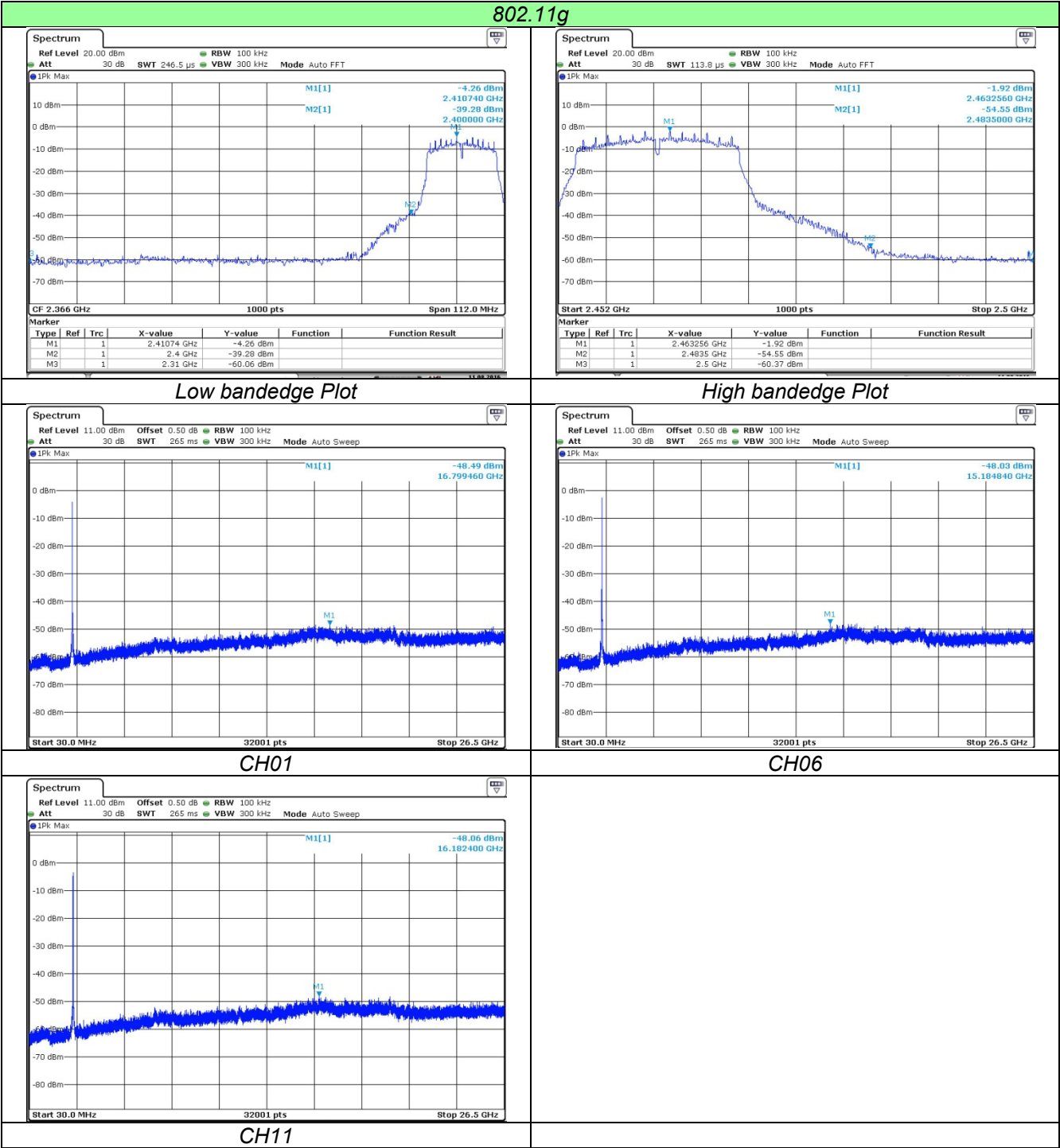
Note that the channel found to contain the maximum PSD level can be used to establish the reference level.

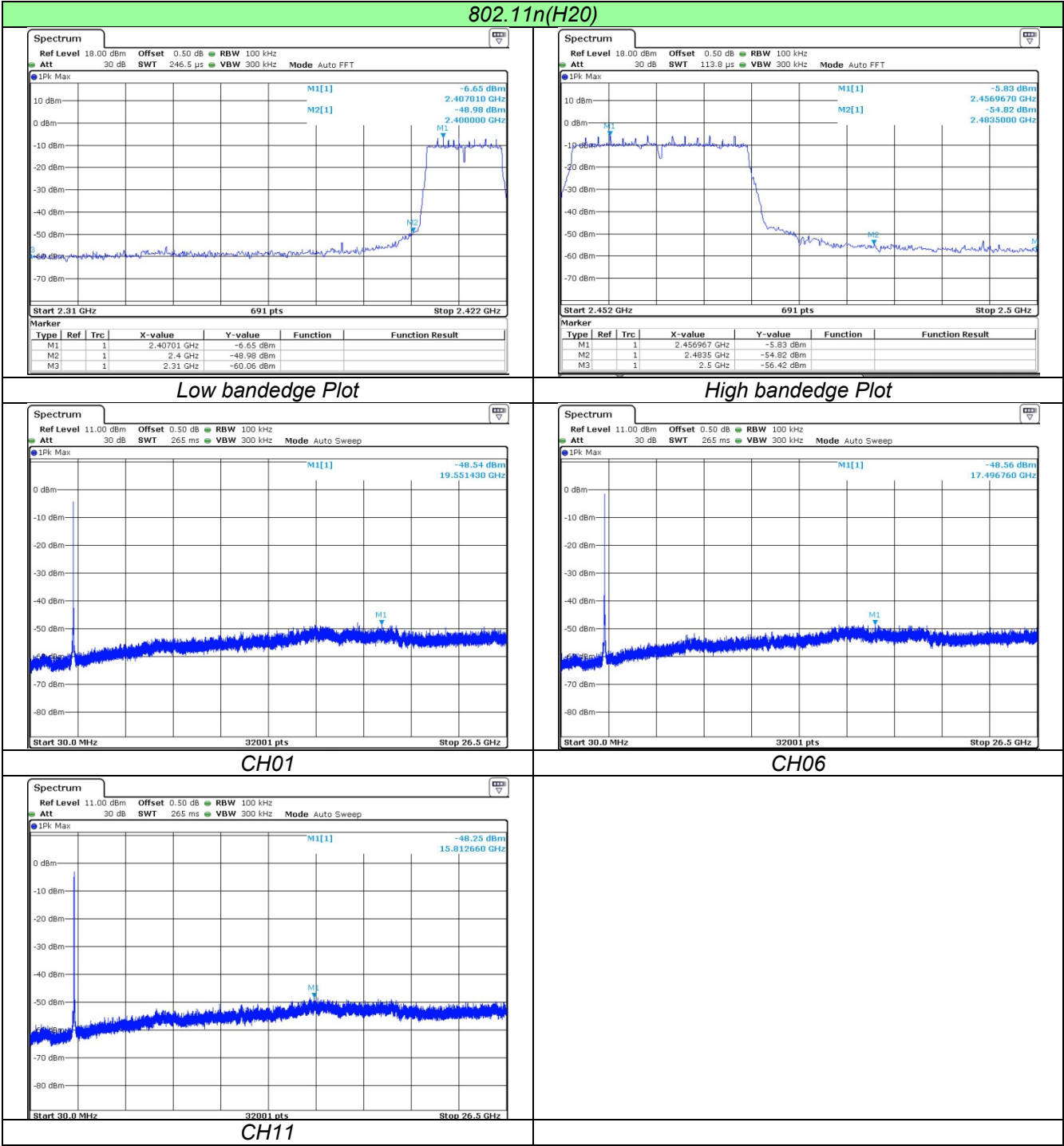
3. **Emission level measurement**
Set the center frequency and span to encompass frequency range to be measured
RBW = 100 kHz, VBW \geq 3 x RBW
Detector = peak, Sweep time = auto couple, Trace mode = max hold
Allow trace to fully stabilize
Use the peak marker function to determine the maximum amplitude level.
4. Place the radio in continuous transmit mode, allow the trace to stabilize, view the transmitter waveform on the spectrum analyzer.
5. Ensure that the amplitude of all unwanted emissions outside of the authorized frequency band excluding restricted frequency bands) are attenuated by at least the minimum requirements specified (at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz). Report the three highest emissions relative to the limit.

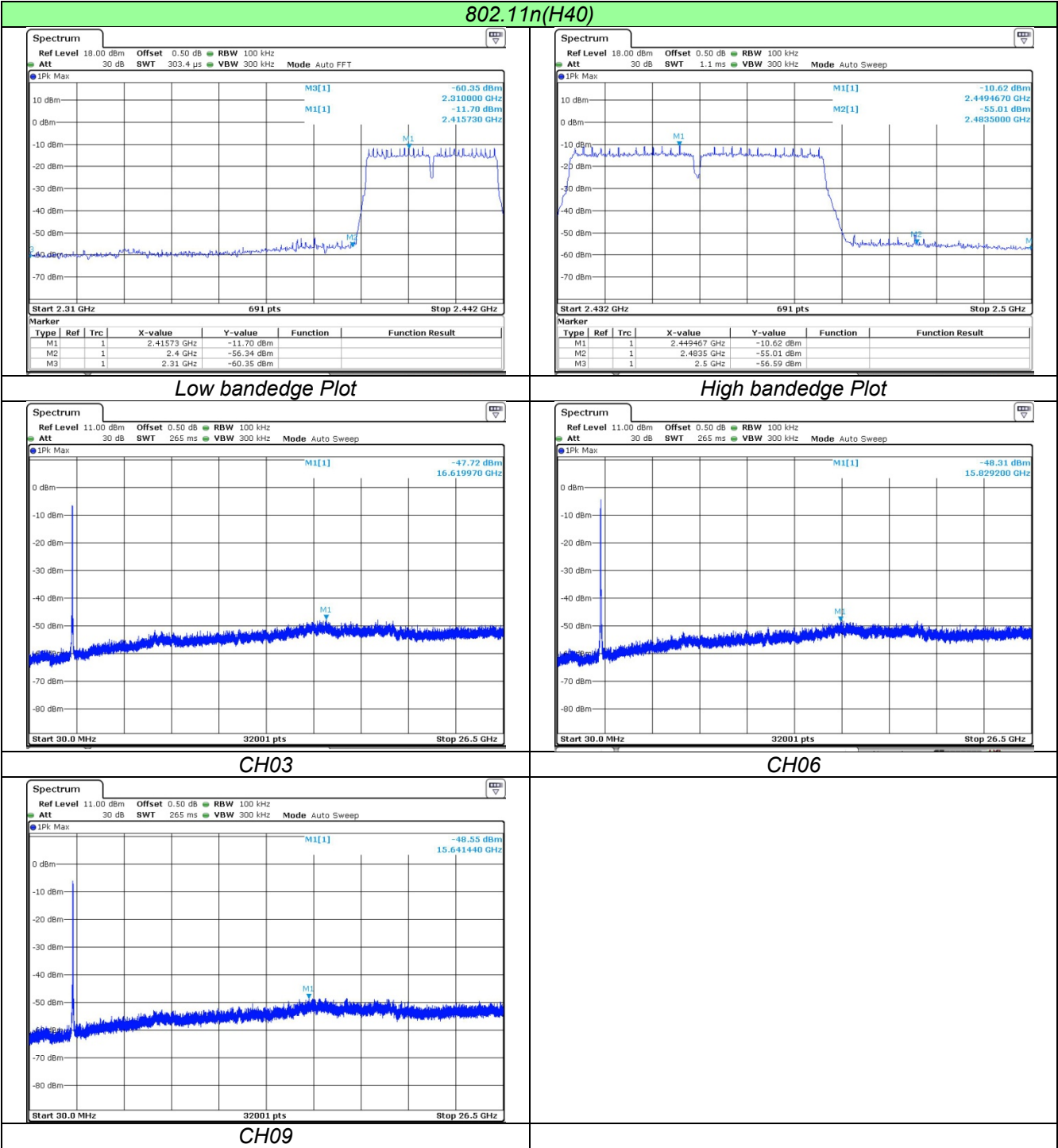
TEST RESULTS

Test plot as follows:









4.8. Spurious Emission (radiated)

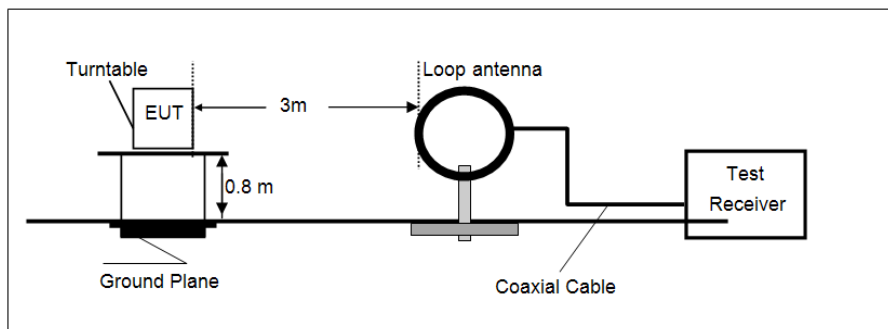
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

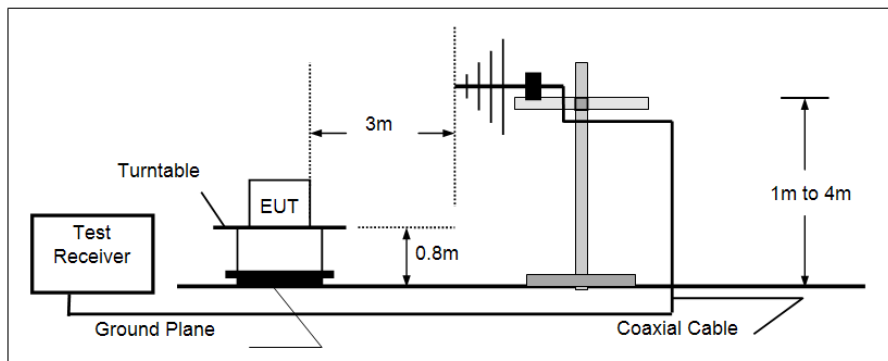
| Frequency | Limit (dBuV/m @3m) | Value |
|---------------|--------------------|------------|
| 30MHz-88MHz | 40.00 | Quasi-peak |
| 88MHz-216MHz | 43.50 | Quasi-peak |
| 216MHz-960MHz | 46.00 | Quasi-peak |
| 960MHz-1GHz | 54.00 | Quasi-peak |
| Above 1GHz | 54.00 | Average |
| | 74.00 | Peak |

TEST CONFIGURATION

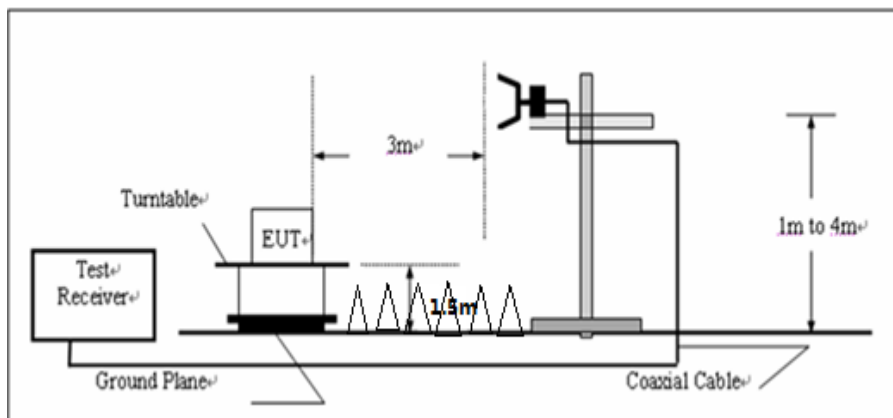
- 9KHz ~30MHz



- 30MHz ~ 1GHz



- Above 1GHz



TEST PROCEDURE

1. The EUT was setup and tested according to ANSI C63.10:2013 for compliance to FCC 47CFR 15.247 requirements.
2. The EUT is placed on a turn table which is 0.8 meter above ground for below 1GHz, and 1.5m for above 1GHz. The turn table is rotated 360 degrees to determine the position of the maximum emission level.
3. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
4. The antenna is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10:2013 on radiated measurement.
5. Use the following spectrum analyzer settings
 - (1) Span shall be wide enough to fully capture the emission being measured;
 - (2) Below 1GHz, RBW=120KHz, VBW=300KHz, Sweep=auto, Detector function=peak, Trace=max hold;
If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.
 - (3) Above 1GHz, RBW=1MHz, VBW=3MHz for Peak value
RBW=1MHz, VBW=10Hz for Average value.

TEST RESULTS

Noted:

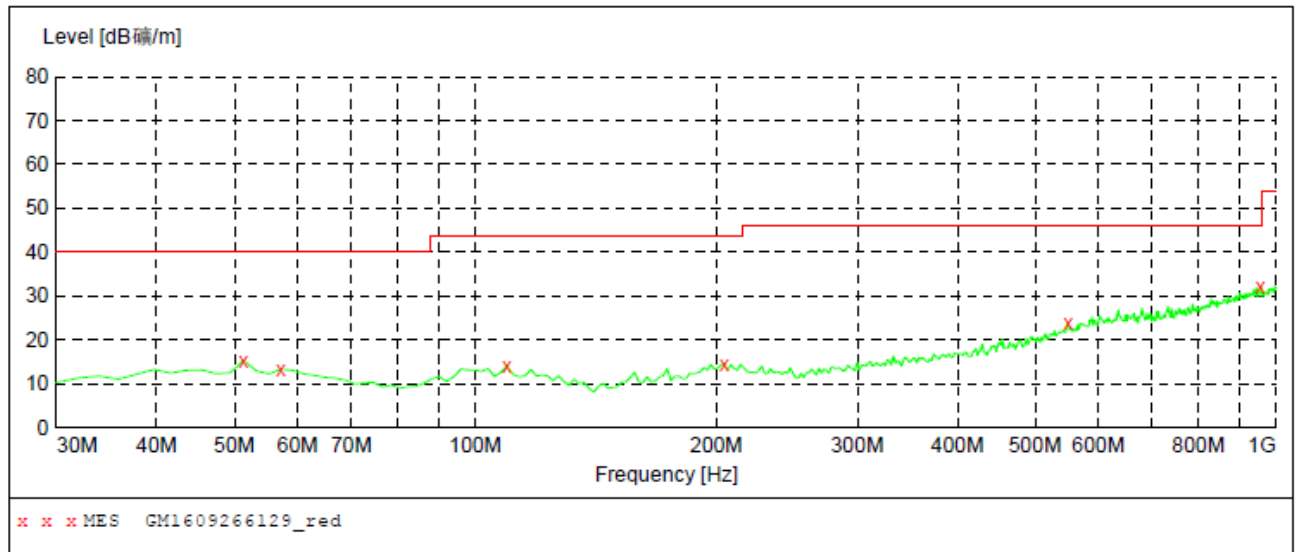
Below 1GHz, Have pre-scan all modulation mode, found the 802.11b mode CH01 which it was worst case, so only the worst case's data on the test report.

Measurement data:

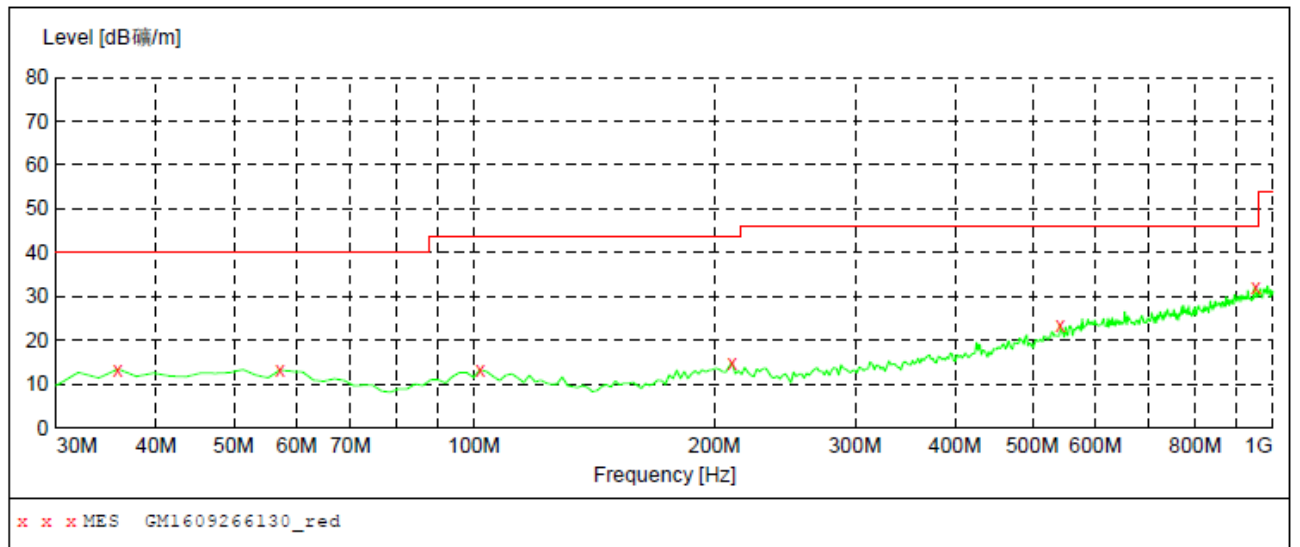
■ 9kHz ~ 30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.

■ 30MHz ~ 1GHz



| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|--------------|
| 51.340000 | 15.30 | -14.4 | 40.0 | 24.7 | QP | 300.0 | 66.00 | HORIZONTAL |
| 57.160000 | 13.20 | -14.7 | 40.0 | 26.8 | QP | 100.0 | 27.00 | HORIZONTAL |
| 109.540000 | 14.00 | -15.1 | 43.5 | 29.5 | QP | 100.0 | 212.00 | HORIZONTAL |
| 204.600000 | 14.40 | -13.8 | 43.5 | 29.1 | QP | 300.0 | 360.00 | HORIZONTAL |
| 549.920000 | 23.70 | -4.8 | 46.0 | 22.3 | QP | 100.0 | 340.00 | HORIZONTAL |
| 955.380000 | 32.10 | 3.8 | 46.0 | 13.9 | QP | 300.0 | 360.00 | HORIZONTAL |



| Frequency MHz | Level dBμV/m | Transd dB | Limit dBμV/m | Margin dB | Det. | Height cm | Azimuth deg | Polarization |
|------------------|-----------------|--------------|-----------------|--------------|------|--------------|----------------|--------------|
| 35.820000 | 13.40 | -15.9 | 40.0 | 26.6 | QP | 100.0 | 44.00 | VERTICAL |
| 57.160000 | 13.20 | -14.7 | 40.0 | 26.8 | QP | 100.0 | 23.00 | VERTICAL |
| 101.780000 | 13.20 | -14.4 | 43.5 | 30.3 | QP | 100.0 | 160.00 | VERTICAL |
| 210.420000 | 14.90 | -14.0 | 43.5 | 28.6 | QP | 100.0 | 206.00 | VERTICAL |
| 542.160000 | 23.30 | -5.2 | 46.0 | 22.7 | QP | 100.0 | 275.00 | VERTICAL |
| 951.500000 | 32.10 | 3.7 | 46.0 | 13.9 | QP | 100.0 | 23.00 | VERTICAL |

Remark: Transd=Cable lose+Antenna factor-Pre-amplifier; Margin=Limit-Level

Above 1GHz

| | | | |
|------------|---------------|--------------|------------|
| Test mode: | 802.11 b CH01 | Polarization | Horizontal |
|------------|---------------|--------------|------------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1282.19 | 36.40 | 24.51 | 4.72 | 36.61 | 29.02 | 74.00 | -44.98 | Peak |
| 2 | 3177.67 | 36.20 | 28.58 | 8.41 | 37.99 | 35.20 | 74.00 | -38.80 | Peak |
| 3 | 3619.06 | 41.37 | 28.90 | 8.75 | 37.99 | 41.03 | 74.00 | -32.97 | Peak |
| 4 | 4354.45 | 35.16 | 30.51 | 8.88 | 38.24 | 36.31 | 74.00 | -37.69 | Peak |
| 5 | 7242.05 | 34.54 | 36.00 | 10.87 | 38.11 | 43.30 | 74.00 | -30.70 | Peak |
| 6 | 9669.16 | 33.85 | 38.20 | 12.17 | 38.08 | 46.14 | 74.00 | -27.86 | Peak |

| | | | |
|------------|---------------|--------------|----------|
| Test mode: | 802.11 b CH01 | Polarization | Vertical |
|------------|---------------|--------------|----------|

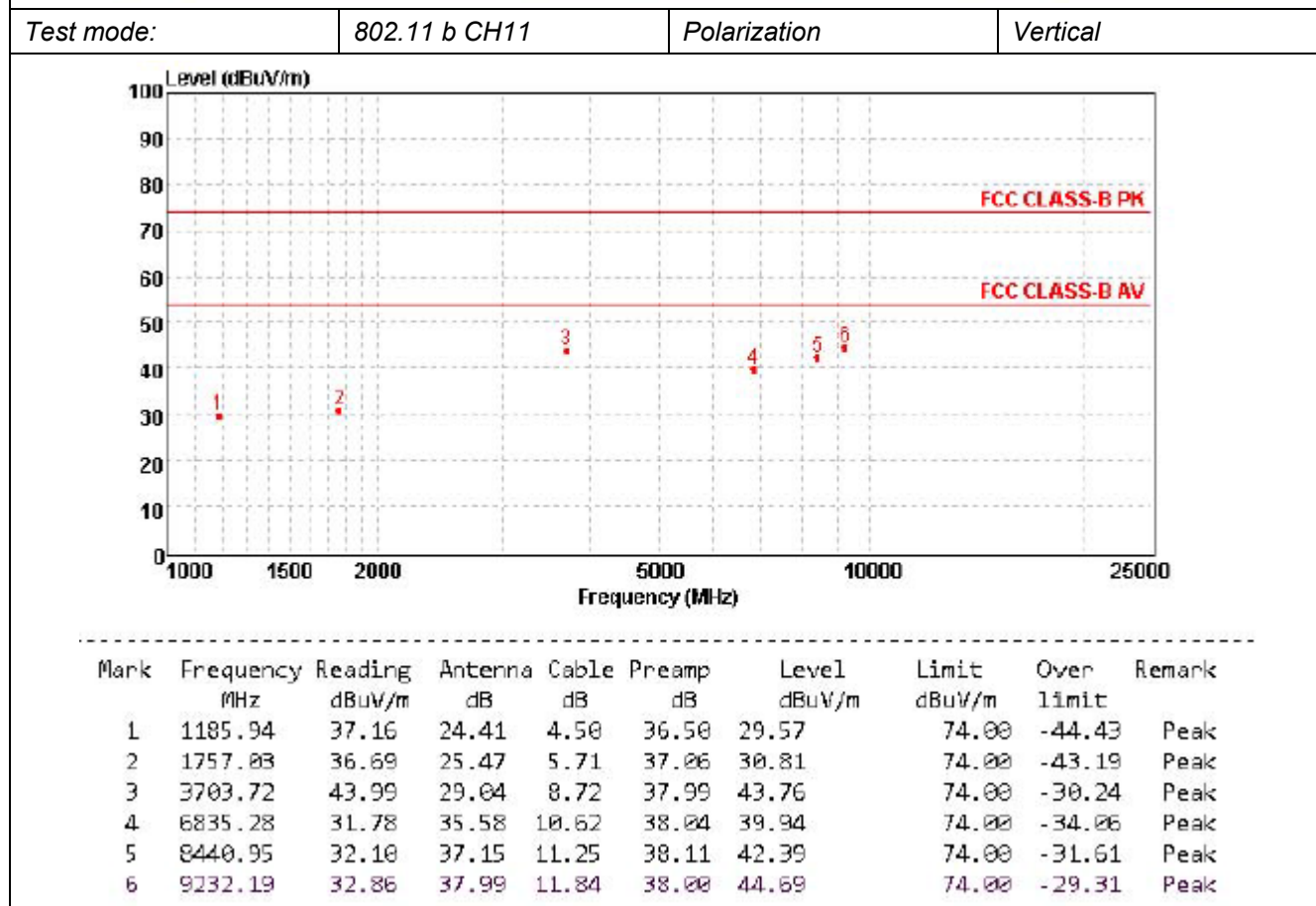
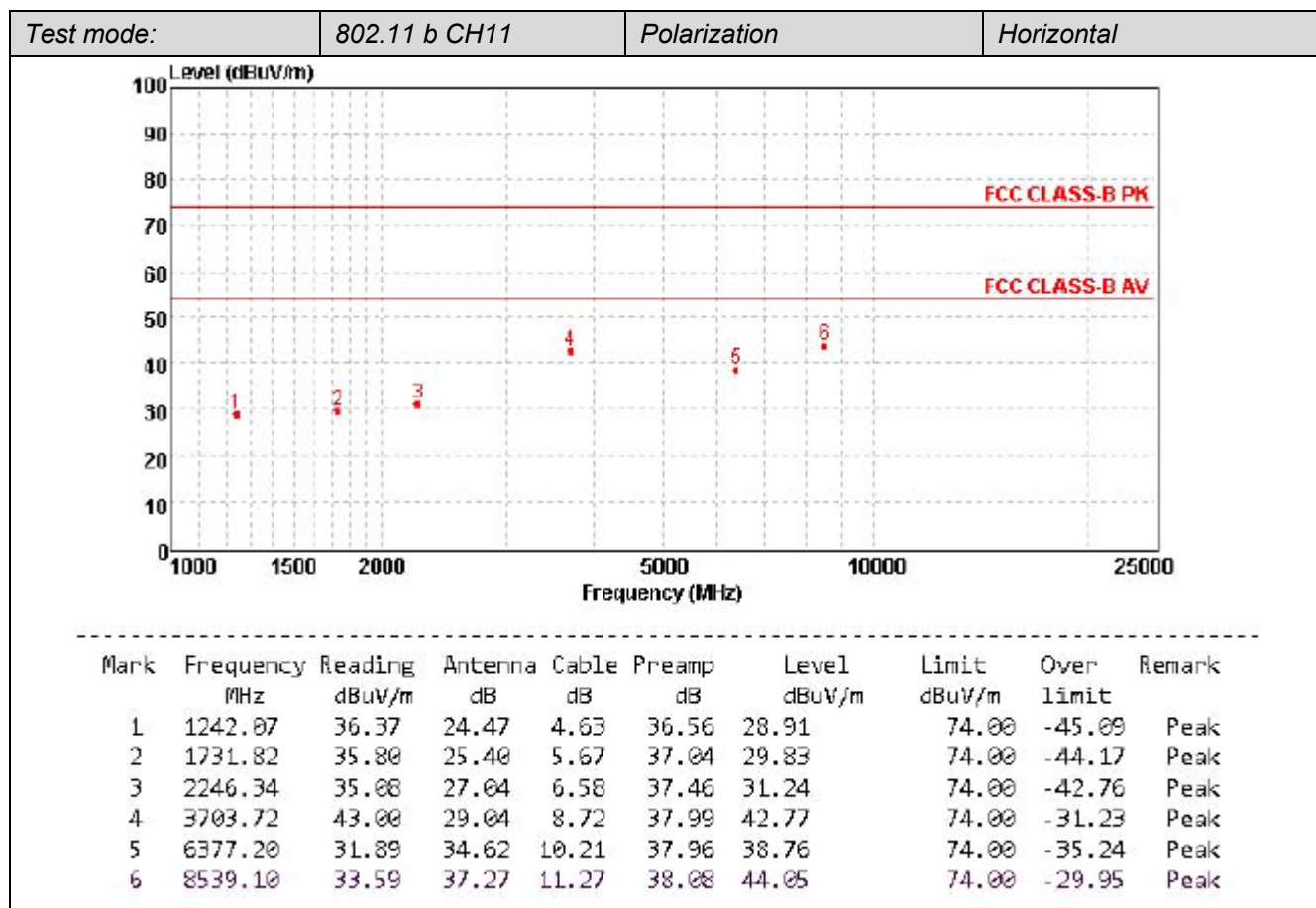
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1152.15 | 36.90 | 24.38 | 4.41 | 36.45 | 29.24 | 74.00 | -44.76 | Peak |
| 2 | 1644.02 | 37.30 | 25.15 | 5.49 | 36.97 | 30.97 | 74.00 | -43.03 | Peak |
| 3 | 3619.06 | 40.61 | 28.90 | 8.75 | 37.99 | 40.27 | 74.00 | -33.73 | Peak |
| 4 | 5179.05 | 33.27 | 31.64 | 9.45 | 38.51 | 35.85 | 74.00 | -38.15 | Peak |
| 5 | 6088.99 | 32.58 | 33.54 | 9.85 | 37.92 | 38.05 | 74.00 | -35.95 | Peak |
| 6 | 9258.91 | 32.89 | 38.01 | 11.84 | 38.00 | 44.74 | 74.00 | -29.26 | Peak |

| | | | |
|------------|---------------|--------------|------------|
| Test mode: | 802.11 b CH06 | Polarization | Horizontal |
|------------|---------------|--------------|------------|

| Mark | Frequency MHz | Reading dBUV/m | Antenna dB | Cable dB | Preamp dB | Level dBUV/m | Limit dBUV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1192.81 | 36.88 | 24.42 | 4.52 | 36.50 | 29.32 | 74.00 | -44.68 | Peak |
| 2 | 1644.02 | 37.14 | 25.15 | 5.49 | 36.97 | 30.81 | 74.00 | -43.19 | Peak |
| 3 | 3661.15 | 42.82 | 28.97 | 8.74 | 37.99 | 42.54 | 74.00 | -31.46 | Peak |
| 4 | 4329.35 | 35.14 | 30.44 | 8.86 | 38.22 | 36.22 | 74.00 | -37.78 | Peak |
| 5 | 6583.21 | 31.18 | 35.21 | 10.40 | 38.00 | 38.79 | 74.00 | -35.21 | Peak |
| 6 | 9099.72 | 33.39 | 37.94 | 11.75 | 37.97 | 45.11 | 74.00 | -28.89 | Peak |

| | | | |
|------------|---------------|--------------|----------|
| Test mode: | 802.11 b CH06 | Polarization | Vertical |
|------------|---------------|--------------|----------|

| Mark | Frequency MHz | Reading dBUV/m | Antenna dB | Cable dB | Preamp dB | Level dBUV/m | Limit dBUV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1192.81 | 36.88 | 24.42 | 4.52 | 36.50 | 29.32 | 74.00 | -44.68 | Peak |
| 2 | 1644.02 | 37.14 | 25.15 | 5.49 | 36.97 | 30.81 | 74.00 | -43.19 | Peak |
| 3 | 3661.15 | 42.82 | 28.97 | 8.74 | 37.99 | 42.54 | 74.00 | -31.46 | Peak |
| 4 | 4329.35 | 35.14 | 30.44 | 8.86 | 38.22 | 36.22 | 74.00 | -37.78 | Peak |
| 5 | 6583.21 | 31.18 | 35.21 | 10.40 | 38.00 | 38.79 | 74.00 | -35.21 | Peak |
| 6 | 9099.72 | 33.39 | 37.94 | 11.75 | 37.97 | 45.11 | 74.00 | -28.89 | Peak |



| | | | |
|------------|---------------|--------------|------------|
| Test mode: | 802.11 g CH01 | Polarization | Horizontal |
|------------|---------------|--------------|------------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1193.68 | 38.28 | 24.42 | 4.65 | 36.57 | 30.78 | 74.00 | -43.22 | Peak |
| 2 | 1579.46 | 37.86 | 24.95 | 5.51 | 36.69 | 31.63 | 74.00 | -42.37 | Peak |
| 3 | 1700.83 | 38.44 | 25.32 | 5.77 | 36.93 | 32.60 | 74.00 | -41.40 | Peak |
| 4 | 3531.77 | 40.11 | 28.77 | 8.16 | 38.37 | 38.67 | 74.00 | -35.33 | Peak |
| 5 | 4779.68 | 41.92 | 31.07 | 9.53 | 36.99 | 45.53 | 74.00 | -28.47 | Peak |
| 6 | 6243.50 | 34.44 | 34.15 | 11.01 | 35.29 | 44.31 | 74.00 | -29.69 | Peak |

| | | | |
|------------|---------------|--------------|----------|
| Test mode: | 802.11 g CH01 | Polarization | Vertical |
|------------|---------------|--------------|----------|

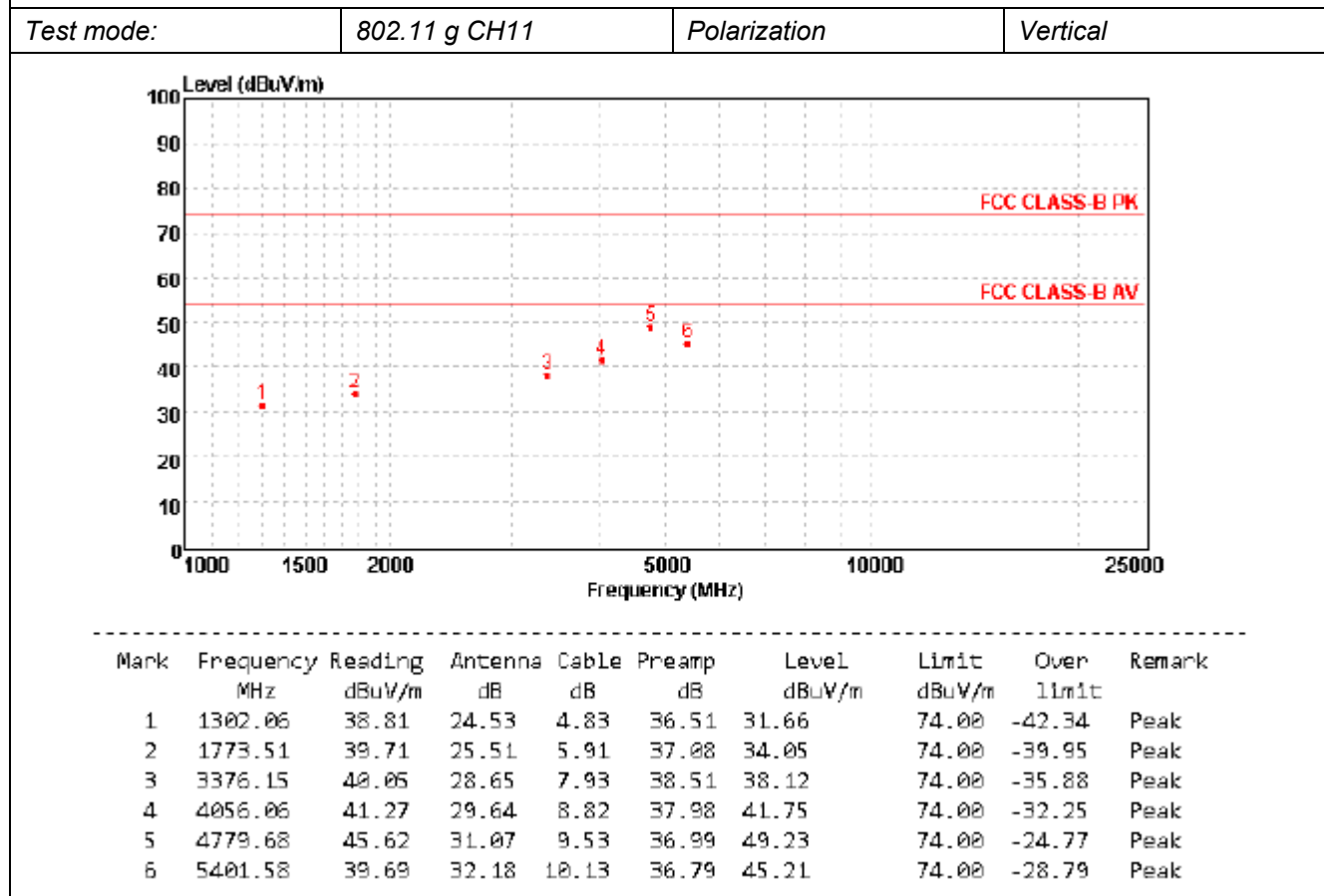
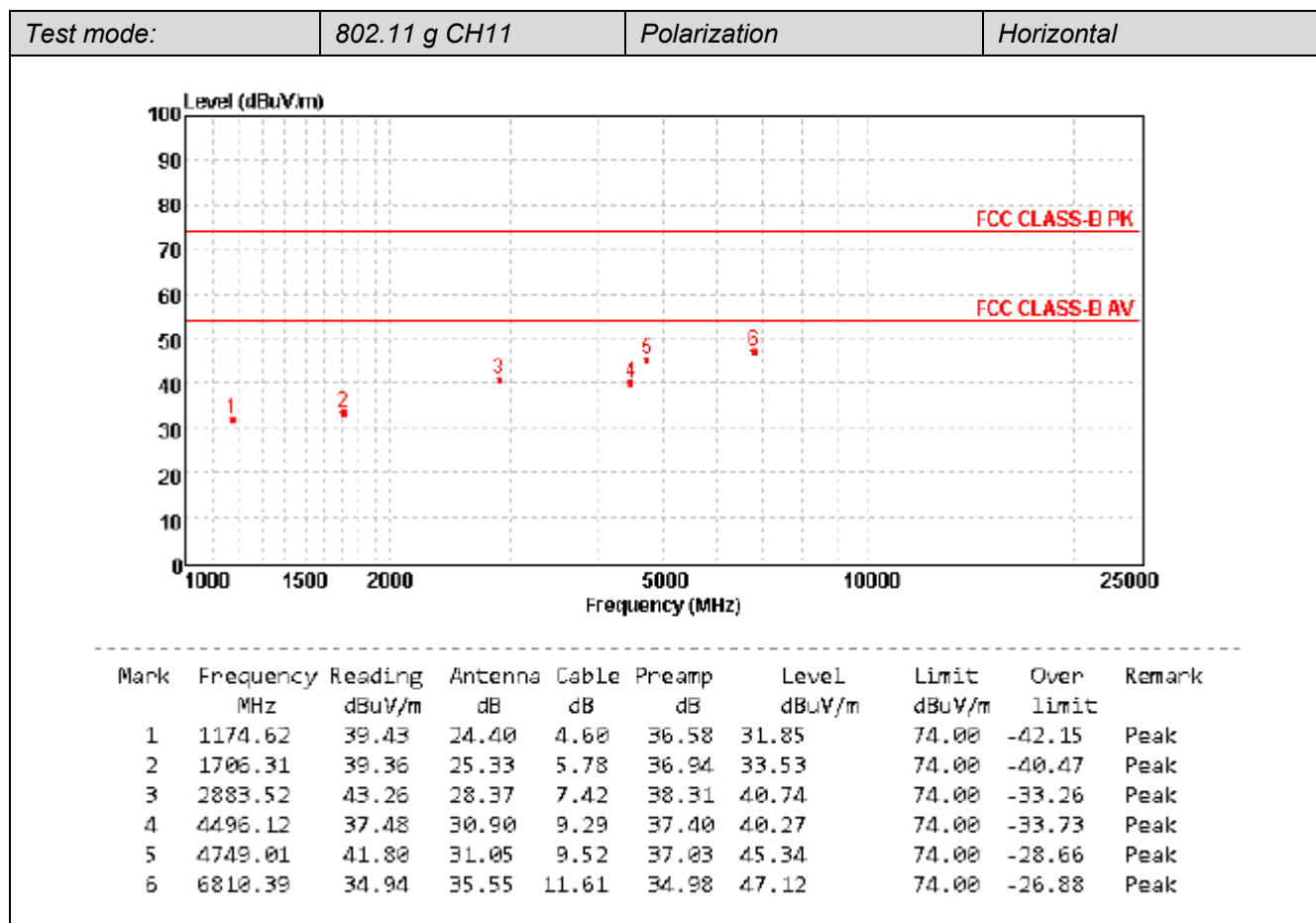
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1205.26 | 39.05 | 24.43 | 4.67 | 36.57 | 31.58 | 74.00 | -42.42 | Peak |
| 2 | 1500.17 | 37.94 | 24.70 | 5.29 | 36.59 | 31.34 | 74.00 | -42.66 | Peak |
| 3 | 3589.07 | 43.48 | 28.85 | 8.25 | 38.29 | 42.29 | 74.00 | -31.71 | Peak |
| 4 | 4779.68 | 45.37 | 31.07 | 9.53 | 36.99 | 48.98 | 74.00 | -25.02 | Peak |
| 5 | 5401.58 | 39.89 | 32.18 | 10.13 | 36.79 | 45.41 | 74.00 | -28.59 | Peak |
| 6 | 6489.38 | 35.07 | 35.03 | 11.16 | 35.33 | 45.93 | 74.00 | -28.07 | Peak |

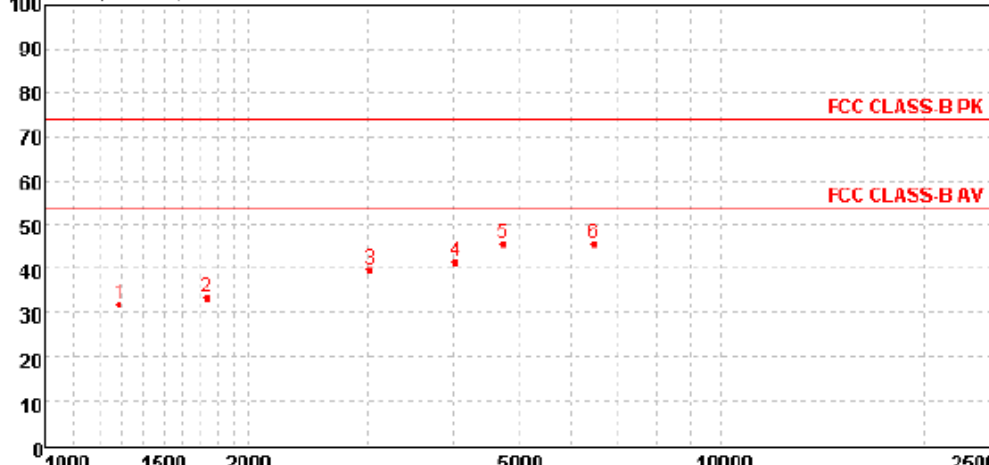
| | | | |
|------------|---------------|--------------|------------|
| Test mode: | 802.11 g CH06 | Polarization | Horizontal |
|------------|---------------|--------------|------------|

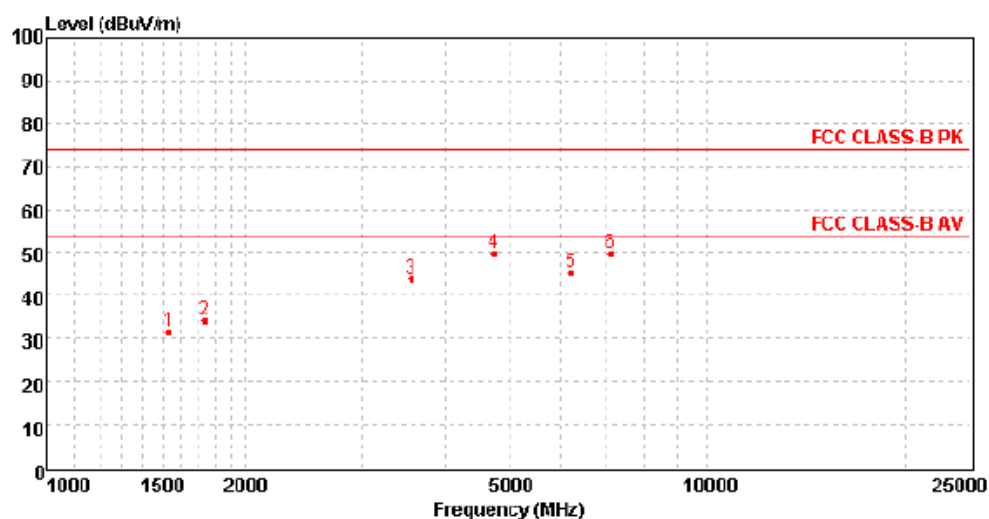
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1297.88 | 38.55 | 24.52 | 4.83 | 36.52 | 31.38 | 74.00 | -42.62 | Peak |
| 2 | 1717.33 | 39.15 | 25.36 | 5.80 | 36.97 | 33.34 | 74.00 | -40.66 | Peak |
| 3 | 3055.52 | 41.04 | 28.52 | 7.55 | 38.22 | 38.89 | 74.00 | -35.11 | Peak |
| 4 | 3566.04 | 42.08 | 28.82 | 8.22 | 38.32 | 40.80 | 74.00 | -33.20 | Peak |
| 5 | 4749.01 | 44.85 | 31.05 | 9.52 | 37.03 | 48.39 | 74.00 | -25.61 | Peak |
| 6 | 6680.13 | 35.85 | 35.35 | 11.46 | 35.21 | 47.45 | 74.00 | -26.55 | Peak |

| | | | |
|------------|---------------|--------------|----------|
| Test mode: | 802.11 g CH06 | Polarization | Vertical |
|------------|---------------|--------------|----------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1094.32 | 38.26 | 24.31 | 4.42 | 36.62 | 30.37 | 74.00 | -43.63 | Peak |
| 2 | 1348.99 | 37.74 | 24.57 | 4.91 | 36.49 | 30.73 | 74.00 | -43.27 | Peak |
| 3 | 3566.04 | 43.94 | 28.82 | 8.22 | 38.32 | 42.66 | 74.00 | -31.34 | Peak |
| 4 | 4749.01 | 46.66 | 31.05 | 9.52 | 37.03 | 50.20 | 74.00 | -23.80 | Peak |
| 5 | 5650.56 | 37.82 | 32.64 | 10.35 | 35.73 | 45.08 | 74.00 | -28.92 | Peak |
| 6 | 7170.33 | 37.55 | 35.95 | 11.86 | 35.04 | 50.32 | 74.00 | -23.68 | Peak |

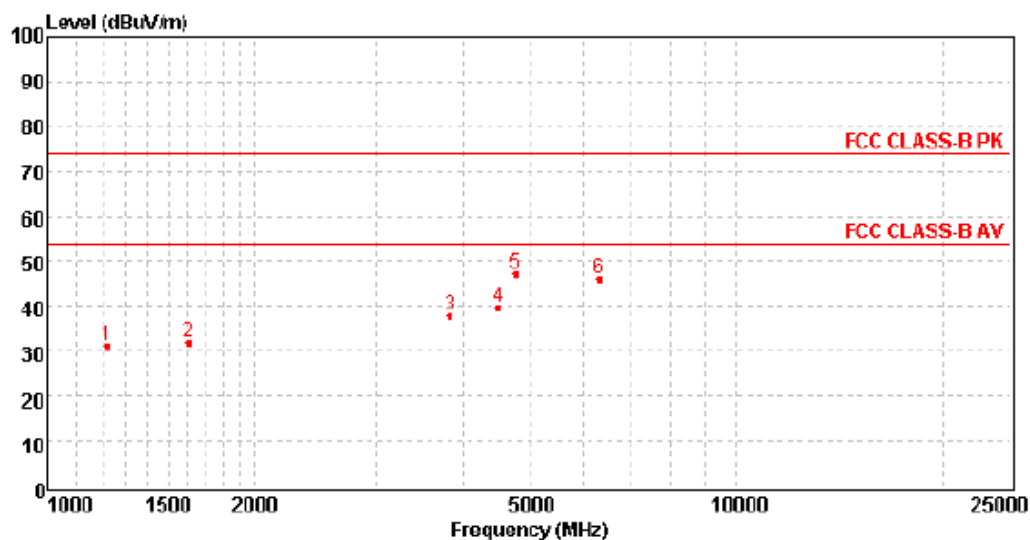


| Test mode: | 802.11 n(H20) CH01 | Polarization | Horizontal | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------------|-------------------|---------------|-------------|-------------------|------------------|-----------------|---------------|-------------------|----------------|----------------|------------|--------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|-------|-------|-------|-------|--------|------|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|------|-------|-------|-------|--------|------|---|---------|-------|-------|-------|-------|-------|-------|--------|------|
| <div><div>Level (dBuV/m)</div><div><table><thead><tr><th>Mark</th><th>Frequency (MHz)</th><th>Reading (dBuV/m)</th><th>Antenna (dB)</th><th>Cable (dB)</th><th>Preamplifier (dB)</th><th>Level (dBuV/m)</th><th>Limit (dBuV/m)</th><th>Over limit</th><th>Remark</th></tr></thead><tbody><tr><td>1</td><td>1285.40</td><td>39.19</td><td>24.51</td><td>4.81</td><td>36.52</td><td>31.99</td><td>74.00</td><td>-42.01</td><td>Peak</td></tr><tr><td>2</td><td>1734.00</td><td>39.18</td><td>25.40</td><td>5.83</td><td>37.00</td><td>33.41</td><td>74.00</td><td>-40.59</td><td>Peak</td></tr><tr><td>3</td><td>3026.16</td><td>42.01</td><td>28.51</td><td>7.51</td><td>38.23</td><td>39.80</td><td>74.00</td><td>-34.20</td><td>Peak</td></tr><tr><td>4</td><td>4043.02</td><td>41.40</td><td>29.60</td><td>8.81</td><td>38.01</td><td>41.80</td><td>74.00</td><td>-32.20</td><td>Peak</td></tr><tr><td>5</td><td>4764.32</td><td>42.15</td><td>31.06</td><td>9.53</td><td>37.01</td><td>45.73</td><td>74.00</td><td>-28.27</td><td>Peak</td></tr><tr><td>6</td><td>6468.52</td><td>35.10</td><td>34.96</td><td>11.12</td><td>35.33</td><td>45.85</td><td>74.00</td><td>-28.15</td><td>Peak</td></tr></tbody></table></div></div> <div><table><tr><th>Mark</th><th>Frequency MHz</th><th>Reading dBuV/m</th><th>Antenna dB</th><th>Cable dB</th><th>Preamp dB</th><th>Level dBuV/m</th><th>Limit dBuV/m</th><th>Over limit</th><th>Remark</th></tr><tr><td>1</td><td>1285.40</td><td>39.19</td><td>24.51</td><td>4.81</td><td>36.52</td><td>31.99</td><td>74.00</td><td>-42.01</td><td>Peak</td></tr><tr><td>2</td><td>1734.00</td><td>39.18</td><td>25.40</td><td>5.83</td><td>37.00</td><td>33.41</td><td>74.00</td><td>-40.59</td><td>Peak</td></tr><tr><td>3</td><td>3026.16</td><td>42.01</td><td>28.51</td><td>7.51</td><td>38.23</td><td>39.80</td><td>74.00</td><td>-34.20</td><td>Peak</td></tr><tr><td>4</td><td>4043.02</td><td>41.40</td><td>29.60</td><td>8.81</td><td>38.01</td><td>41.80</td><td>74.00</td><td>-32.20</td><td>Peak</td></tr><tr><td>5</td><td>4764.32</td><td>42.15</td><td>31.06</td><td>9.53</td><td>37.01</td><td>45.73</td><td>74.00</td><td>-28.27</td><td>Peak</td></tr><tr><td>6</td><td>6468.52</td><td>35.10</td><td>34.96</td><td>11.12</td><td>35.33</td><td>45.85</td><td>74.00</td><td>-28.15</td><td>Peak</td></tr></table></div> | | | | Mark | Frequency (MHz) | Reading (dBuV/m) | Antenna (dB) | Cable (dB) | Preamplifier (dB) | Level (dBuV/m) | Limit (dBuV/m) | Over limit | Remark | 1 | 1285.40 | 39.19 | 24.51 | 4.81 | 36.52 | 31.99 | 74.00 | -42.01 | Peak | 2 | 1734.00 | 39.18 | 25.40 | 5.83 | 37.00 | 33.41 | 74.00 | -40.59 | Peak | 3 | 3026.16 | 42.01 | 28.51 | 7.51 | 38.23 | 39.80 | 74.00 | -34.20 | Peak | 4 | 4043.02 | 41.40 | 29.60 | 8.81 | 38.01 | 41.80 | 74.00 | -32.20 | Peak | 5 | 4764.32 | 42.15 | 31.06 | 9.53 | 37.01 | 45.73 | 74.00 | -28.27 | Peak | 6 | 6468.52 | 35.10 | 34.96 | 11.12 | 35.33 | 45.85 | 74.00 | -28.15 | Peak | Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark | 1 | 1285.40 | 39.19 | 24.51 | 4.81 | 36.52 | 31.99 | 74.00 | -42.01 | Peak | 2 | 1734.00 | 39.18 | 25.40 | 5.83 | 37.00 | 33.41 | 74.00 | -40.59 | Peak | 3 | 3026.16 | 42.01 | 28.51 | 7.51 | 38.23 | 39.80 | 74.00 | -34.20 | Peak | 4 | 4043.02 | 41.40 | 29.60 | 8.81 | 38.01 | 41.80 | 74.00 | -32.20 | Peak | 5 | 4764.32 | 42.15 | 31.06 | 9.53 | 37.01 | 45.73 | 74.00 | -28.27 | Peak | 6 | 6468.52 | 35.10 | 34.96 | 11.12 | 35.33 | 45.85 | 74.00 | -28.15 | Peak |
| Mark | Frequency (MHz) | Reading (dBuV/m) | Antenna (dB) | Cable (dB) | Preamplifier (dB) | Level (dBuV/m) | Limit (dBuV/m) | Over limit | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1285.40 | 39.19 | 24.51 | 4.81 | 36.52 | 31.99 | 74.00 | -42.01 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1734.00 | 39.18 | 25.40 | 5.83 | 37.00 | 33.41 | 74.00 | -40.59 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3026.16 | 42.01 | 28.51 | 7.51 | 38.23 | 39.80 | 74.00 | -34.20 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4043.02 | 41.40 | 29.60 | 8.81 | 38.01 | 41.80 | 74.00 | -32.20 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 4764.32 | 42.15 | 31.06 | 9.53 | 37.01 | 45.73 | 74.00 | -28.27 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6468.52 | 35.10 | 34.96 | 11.12 | 35.33 | 45.85 | 74.00 | -28.15 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | 1285.40 | 39.19 | 24.51 | 4.81 | 36.52 | 31.99 | 74.00 | -42.01 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 1734.00 | 39.18 | 25.40 | 5.83 | 37.00 | 33.41 | 74.00 | -40.59 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3026.16 | 42.01 | 28.51 | 7.51 | 38.23 | 39.80 | 74.00 | -34.20 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | 4043.02 | 41.40 | 29.60 | 8.81 | 38.01 | 41.80 | 74.00 | -32.20 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 4764.32 | 42.15 | 31.06 | 9.53 | 37.01 | 45.73 | 74.00 | -28.27 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | 6468.52 | 35.10 | 34.96 | 11.12 | 35.33 | 45.85 | 74.00 | -28.15 | Peak | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test mode: | 802.11 n(H20) CH01 | Polarization | Vertical | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



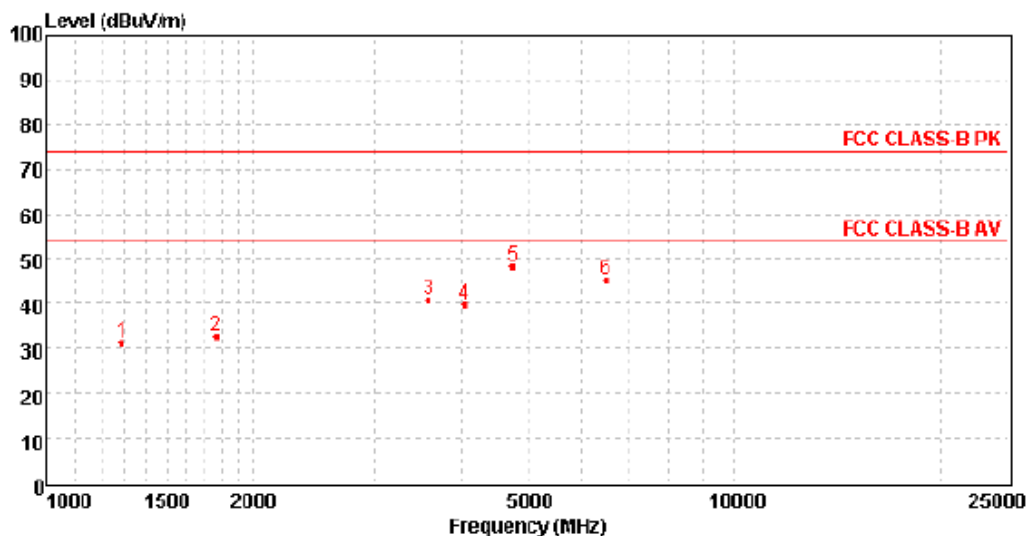
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|
| 1 | 1529.43 | 37.89 | 24.80 | 5.37 | 36.63 | 31.43 | 74.00 | -42.57 | Peak |
| 2 | 1734.00 | 39.82 | 25.40 | 5.83 | 37.00 | 34.05 | 74.00 | -39.95 | Peak |
| 3 | 3566.04 | 45.12 | 28.82 | 8.22 | 38.32 | 43.84 | 74.00 | -30.16 | Peak |
| 4 | 4764.32 | 46.19 | 31.06 | 9.53 | 37.01 | 49.77 | 74.00 | -24.23 | Peak |
| 5 | 6223.43 | 35.39 | 34.08 | 11.01 | 35.29 | 45.19 | 74.00 | -28.81 | Peak |
| 6 | 7147.29 | 37.19 | 35.92 | 11.86 | 35.00 | 49.97 | 74.00 | -24.03 | Peak |

Test mode: 802.11 n(H20) CH06 Polarization Horizontal



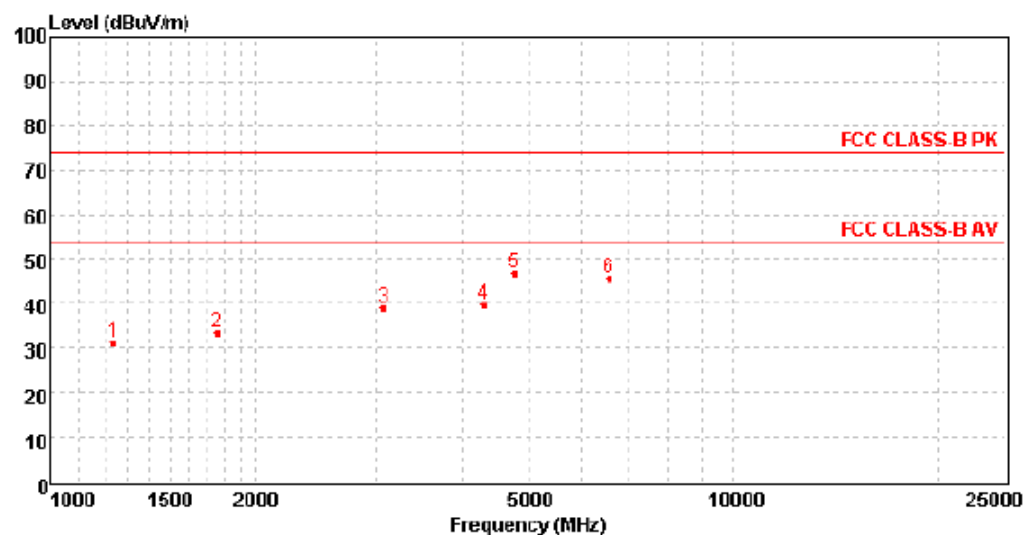
| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------|-----------------|-----------------|---------------|--------|
| 1 | 1220.88 | 38.71 | 24.45 | 4.70 | 36.56 | 31.30 | 74.00 | -42.70 | Peak |
| 2 | 1605.08 | 38.04 | 25.04 | 5.58 | 36.73 | 31.93 | 74.00 | -42.07 | Peak |
| 3 | 3840.07 | 38.22 | 29.26 | 8.56 | 38.21 | 37.83 | 74.00 | -36.17 | Peak |
| 4 | 4510.62 | 37.04 | 30.91 | 9.31 | 37.38 | 39.88 | 74.00 | -34.12 | Peak |
| 5 | 4795.09 | 43.59 | 31.08 | 9.54 | 36.97 | 47.24 | 74.00 | -26.76 | Peak |
| 6 | 6324.40 | 36.00 | 34.42 | 11.00 | 35.30 | 46.12 | 74.00 | -27.88 | Peak |

Test mode: 802.11 n(H20) CH06 Polarization Vertical

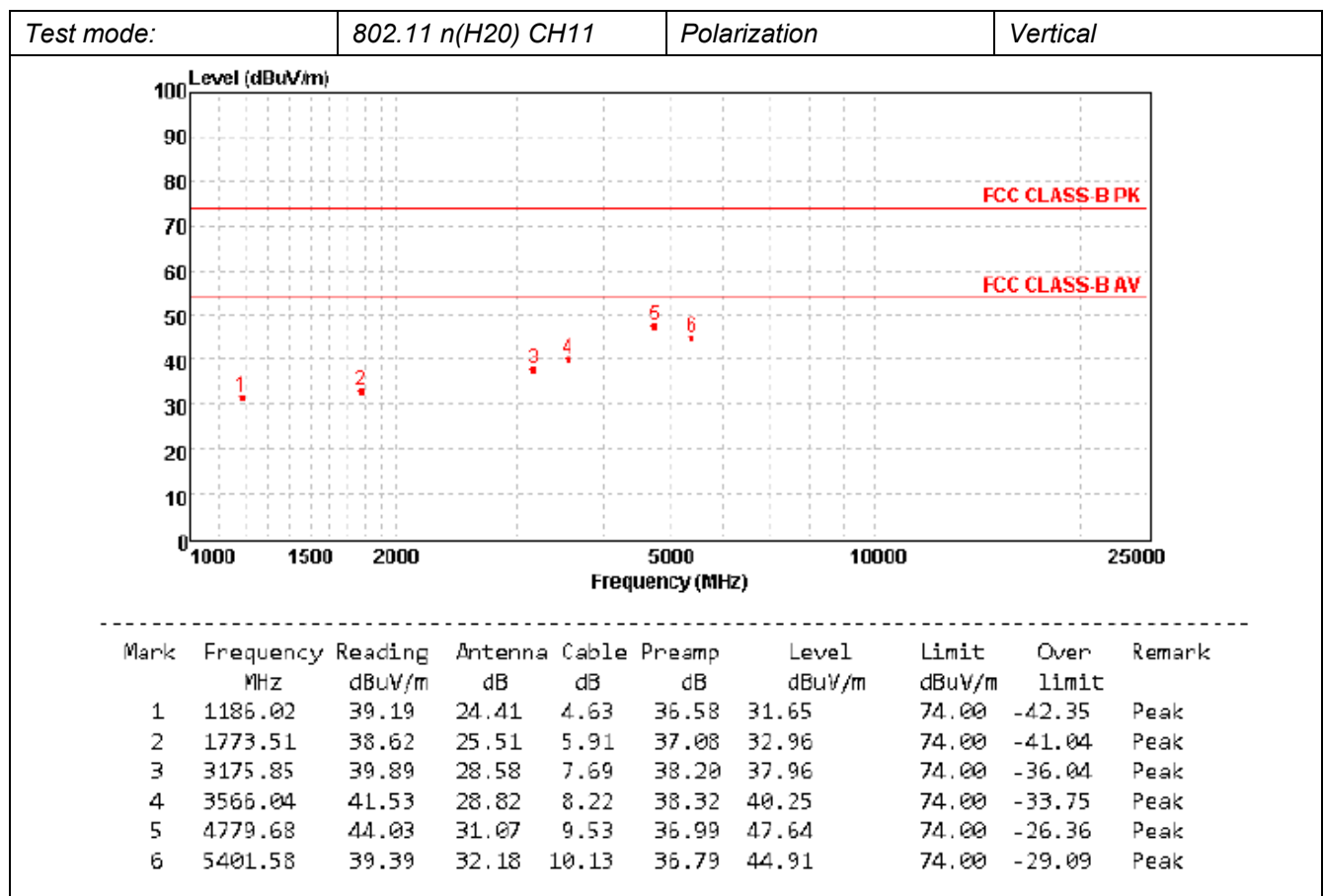


| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamplifier dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------------|-----------------|-----------------|---------------|--------|
| 1 | 1285.40 | 38.40 | 24.51 | 4.81 | 36.52 | 31.20 | 74.00 | -42.80 | Peak |
| 2 | 1762.13 | 38.49 | 25.48 | 5.89 | 37.06 | 32.80 | 74.00 | -41.20 | Peak |
| 3 | 3589.07 | 42.27 | 28.85 | 8.25 | 38.29 | 41.08 | 74.00 | -32.92 | Peak |
| 4 | 4056.06 | 39.31 | 29.64 | 8.82 | 37.98 | 39.79 | 74.00 | -34.21 | Peak |
| 5 | 4779.68 | 44.88 | 31.07 | 9.53 | 36.99 | 48.49 | 74.00 | -25.51 | Peak |
| 6 | 6510.30 | 34.43 | 35.10 | 11.19 | 35.34 | 45.38 | 74.00 | -28.62 | Peak |

Test mode: 802.11 n(H20) CH11 Polarization Horizontal



| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamplifier dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|------------------|-------------------|---------------|-------------|--------------------|-----------------|-----------------|---------------|--------|
| 1 | 1236.70 | 38.41 | 24.46 | 4.72 | 36.55 | 31.04 | 74.00 | -42.96 | Peak |
| 2 | 1756.47 | 39.05 | 25.47 | 5.88 | 37.05 | 33.35 | 74.00 | -40.65 | Peak |
| 3 | 3075.25 | 41.19 | 28.53 | 7.57 | 38.22 | 39.07 | 74.00 | -34.93 | Peak |
| 4 | 4311.86 | 38.10 | 30.41 | 9.05 | 37.60 | 39.96 | 74.00 | -34.04 | Peak |
| 5 | 4795.09 | 43.30 | 31.08 | 9.54 | 36.97 | 46.95 | 74.00 | -27.05 | Peak |
| 6 | 6573.47 | 34.48 | 35.18 | 11.31 | 35.35 | 45.62 | 74.00 | -28.38 | Peak |



| | | | |
|------------|--------------------|--------------|------------|
| Test mode: | 802.11 n(H40) CH03 | Polarization | Horizontal |
|------------|--------------------|--------------|------------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1152.15 | 39.16 | 24.38 | 4.55 | 36.59 | 31.50 | 74.00 | -42.50 | Peak |
| 2 | 1242.07 | 39.60 | 24.47 | 4.73 | 36.55 | 32.25 | 74.00 | -41.75 | Peak |
| 3 | 1533.84 | 37.24 | 24.81 | 5.38 | 36.63 | 30.80 | 74.00 | -43.20 | Peak |
| 4 | 3242.62 | 41.69 | 28.60 | 7.77 | 38.27 | 39.79 | 74.00 | -34.21 | Peak |
| 5 | 3650.58 | 40.19 | 28.96 | 8.33 | 38.26 | 39.22 | 74.00 | -34.78 | Peak |
| 6 | 4790.25 | 43.76 | 31.08 | 9.54 | 36.97 | 47.41 | 74.00 | -26.59 | Peak |

| | | | |
|------------|--------------------|--------------|----------|
| Test mode: | 802.11 n(H40) CH03 | Polarization | Vertical |
|------------|--------------------|--------------|----------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1189.84 | 39.45 | 24.41 | 4.64 | 36.58 | 31.92 | 74.00 | -42.08 | Peak |
| 2 | 1779.23 | 38.75 | 25.53 | 5.92 | 37.10 | 33.10 | 74.00 | -40.90 | Peak |
| 3 | 3248.23 | 41.14 | 28.61 | 7.78 | 38.28 | 39.25 | 74.00 | -34.75 | Peak |
| 4 | 3600.64 | 42.20 | 28.87 | 8.27 | 38.27 | 41.07 | 74.00 | -32.93 | Peak |
| 5 | 4795.09 | 44.70 | 31.08 | 9.54 | 36.97 | 48.35 | 74.00 | -25.65 | Peak |
| 6 | 7147.29 | 37.42 | 35.92 | 11.86 | 35.00 | 50.20 | 74.00 | -23.80 | Peak |

| | | | |
|------------|--------------------|--------------|------------|
| Test mode: | 802.11 n(H40) CH06 | Polarization | Horizontal |
|------------|--------------------|--------------|------------|

| Mark | Frequency MHz | Reading dBUV/m | Antenna dB | Cable dB | Preamp dB | Level dBUV/m | Limit dBUV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1170.84 | 39.33 | 24.40 | 4.59 | 36.58 | 31.74 | 74.00 | -42.26 | Peak |
| 2 | 1657.59 | 38.52 | 25.19 | 5.68 | 36.84 | 32.55 | 74.00 | -41.45 | Peak |
| 3 | 3600.64 | 42.57 | 28.87 | 8.27 | 38.27 | 41.44 | 74.00 | -32.56 | Peak |
| 4 | 4779.68 | 44.92 | 31.07 | 9.53 | 36.99 | 48.53 | 74.00 | -25.47 | Peak |
| 5 | 5401.58 | 38.98 | 32.18 | 10.13 | 36.79 | 44.50 | 74.00 | -29.50 | Peak |
| 6 | 7124.32 | 37.08 | 35.90 | 11.86 | 34.97 | 49.87 | 74.00 | -24.13 | Peak |

| | | | |
|------------|--------------------|--------------|----------|
| Test mode: | 802.11 n(H40) CH06 | Polarization | Vertical |
|------------|--------------------|--------------|----------|

| Mark | Frequency MHz | Reading dBUV/m | Antenna dB | Cable dB | Preamp dB | Level dBUV/m | Limit dBUV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1189.84 | 38.90 | 24.41 | 4.64 | 36.58 | 31.37 | 74.00 | -42.63 | Peak |
| 2 | 1779.23 | 39.08 | 25.53 | 5.92 | 37.10 | 33.43 | 74.00 | -40.57 | Peak |
| 3 | 2158.28 | 38.75 | 26.71 | 6.40 | 37.33 | 34.53 | 74.00 | -39.47 | Peak |
| 4 | 3175.85 | 41.13 | 28.58 | 7.69 | 38.20 | 39.20 | 74.00 | -34.80 | Peak |
| 5 | 4325.76 | 38.58 | 30.44 | 9.06 | 37.59 | 40.49 | 74.00 | -33.51 | Peak |
| 6 | 4795.09 | 43.39 | 31.08 | 9.54 | 36.97 | 47.04 | 74.00 | -26.96 | Peak |

| | | | |
|------------|--------------------|--------------|------------|
| Test mode: | 802.11 n(H40) CH09 | Polarization | Horizontal |
|------------|--------------------|--------------|------------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1196.26 | 38.87 | 24.42 | 4.65 | 36.57 | 31.37 | 74.00 | -42.63 | Peak |
| 2 | 1772.33 | 39.99 | 25.51 | 5.91 | 37.08 | 34.33 | 74.00 | -39.67 | Peak |
| 3 | 3280.33 | 39.98 | 28.62 | 7.82 | 38.34 | 38.08 | 74.00 | -35.92 | Peak |
| 4 | 3682.37 | 39.00 | 29.01 | 8.36 | 38.25 | 38.12 | 74.00 | -35.88 | Peak |
| 5 | 4790.25 | 43.49 | 31.08 | 9.54 | 36.97 | 47.14 | 74.00 | -26.86 | Peak |
| 6 | 6914.76 | 34.99 | 35.69 | 11.74 | 34.88 | 47.54 | 74.00 | -26.46 | Peak |

| | | | |
|------------|--------------------|--------------|----------|
| Test mode: | 802.11 n(H40) CH09 | Polarization | Vertical |
|------------|--------------------|--------------|----------|

| Mark | Frequency MHz | Reading dBuV/m | Antenna dB | Cable dB | Preamp dB | Level dBuV/m | Limit dBuV/m | Over limit | Remark |
|------|---------------|----------------|------------|----------|-----------|--------------|--------------|------------|--------|
| 1 | 1245.66 | 38.81 | 24.47 | 4.74 | 36.54 | 31.48 | 74.00 | -42.52 | Peak |
| 2 | 1721.83 | 38.85 | 25.37 | 5.81 | 36.98 | 33.05 | 74.00 | -40.95 | Peak |
| 3 | 3577.46 | 43.58 | 28.84 | 8.24 | 38.30 | 42.36 | 74.00 | -31.64 | Peak |
| 4 | 4762.63 | 44.83 | 31.06 | 9.53 | 37.01 | 48.41 | 74.00 | -25.59 | Peak |
| 5 | 5408.53 | 39.70 | 32.18 | 10.14 | 36.76 | 45.26 | 74.00 | -28.74 | Peak |
| 6 | 7138.14 | 37.04 | 35.92 | 11.86 | 34.99 | 49.83 | 74.00 | -24.17 | Peak |

Remark:

1. Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
2. The measurement result of peak value is smaller than the AVG Limit, so the AVG value is not show in the test report.
3. The emission levels of other frequencies are very lower than the limit and not show in test report.

5. Test Setup Photos of the EUT

Radiated Emission



Conducted Emission (PC Charge)



6. External and Internal Photos of the EUT

Reference to Test Report TRE1611003501

.....End of Report.....