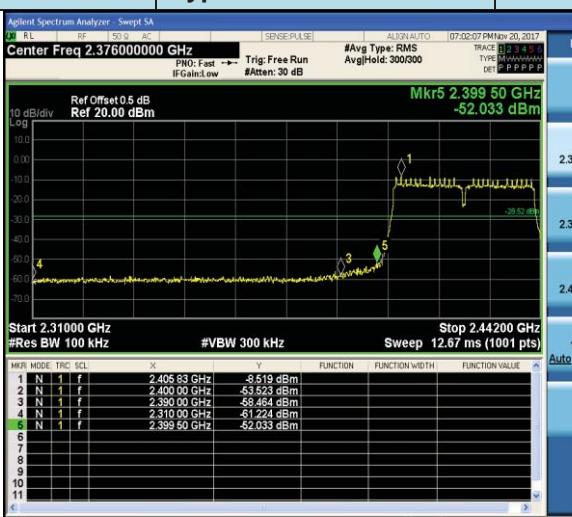
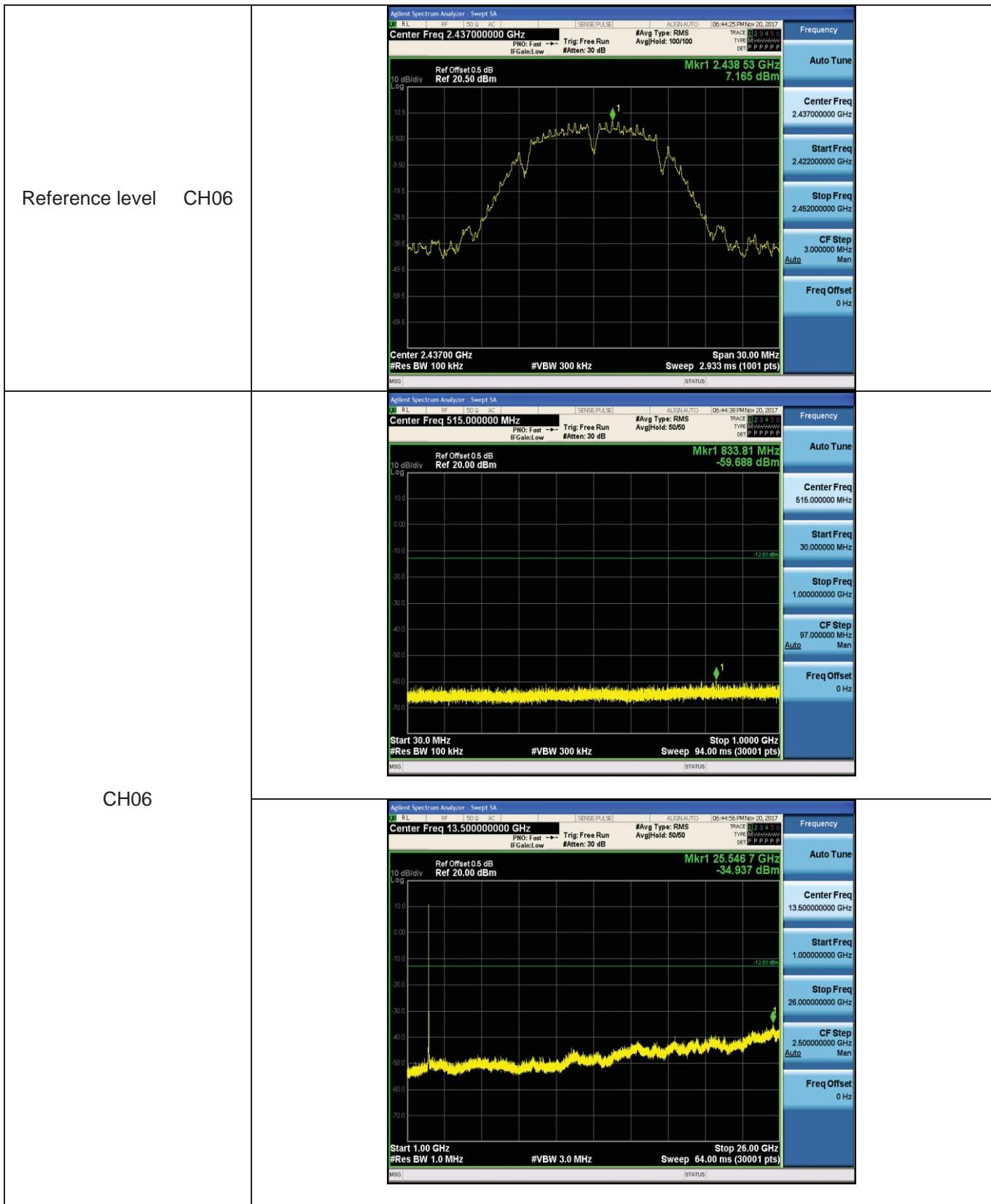
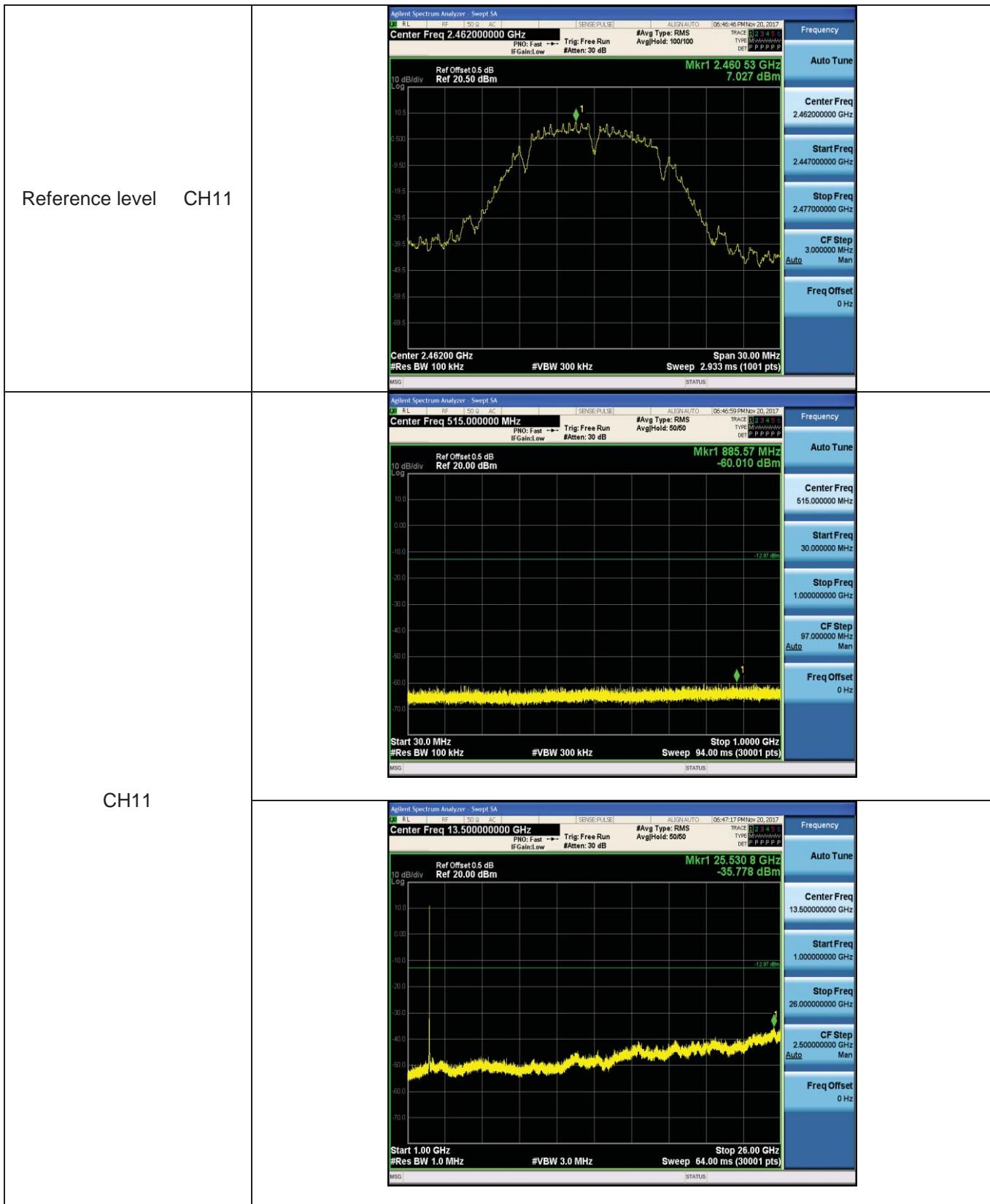


| Test Item: | Bandedge | Type: | 802.11 n(HT20) |
|------------|---|-------|---|
| CH01 |  | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.366000000 GHz</p> <p>Start Freq 2.310000000 GHz</p> <p>Stop Freq 2.422000000 GHz</p> <p>CF Step 11.200000 MHz Auto</p> <p>Freq Offset 0 Hz</p> |
| CH11 |  | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.476000000 GHz</p> <p>Start Freq 2.452000000 GHz</p> <p>Stop Freq 2.500000000 GHz</p> <p>CF Step 4.800000 MHz Auto</p> <p>Freq Offset 0 Hz</p> |

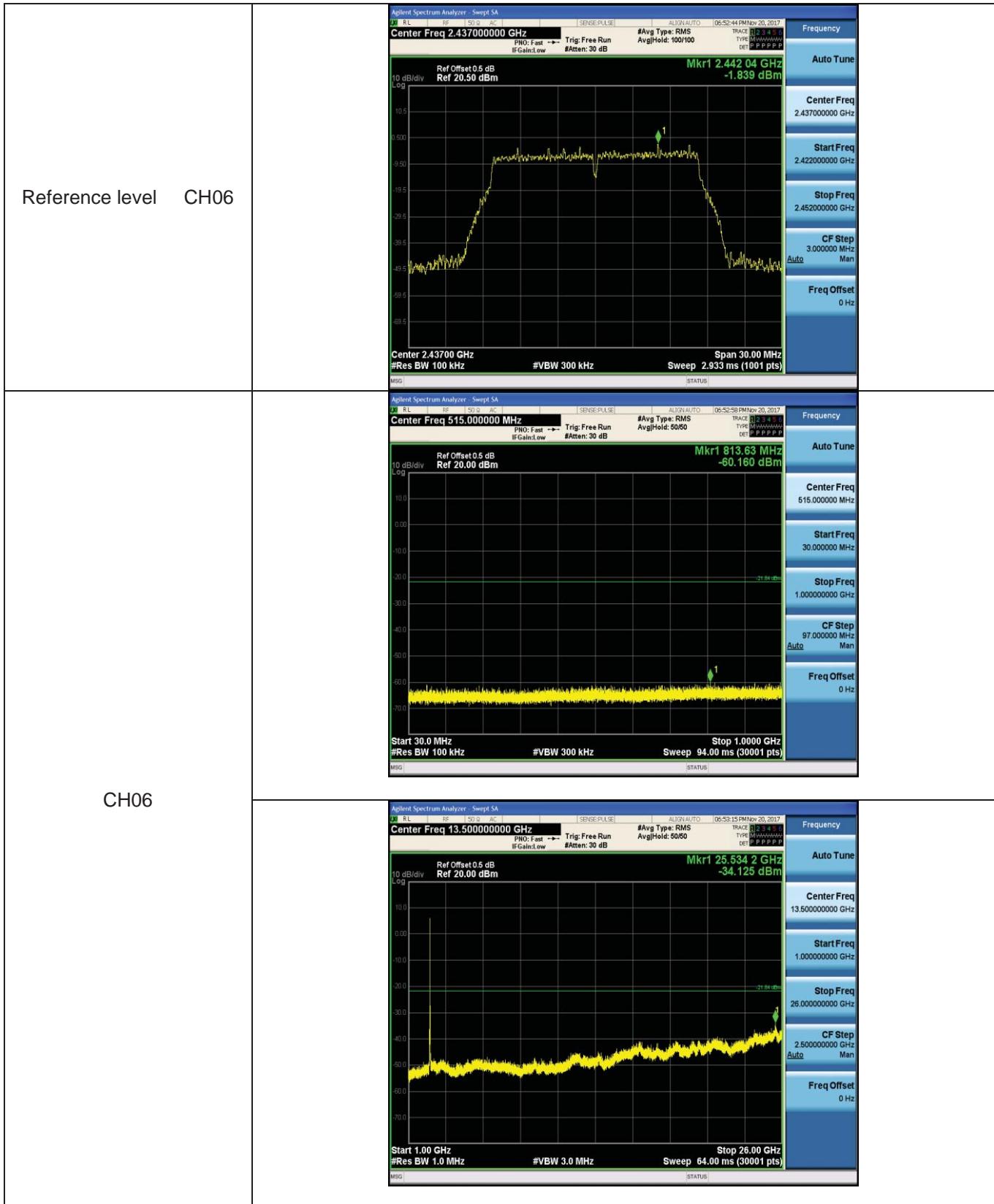
| Test Item: | Bandedge | Type: | 802.11 n(HT40) |
|------------|---|-------|---|
| CH03 |  | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.376000000 GHz</p> <p>Start Freq 2.310000000 GHz</p> <p>Stop Freq 2.442000000 GHz</p> <p>CF Step 13.200000 MHz Auto</p> <p>Freq Offset 0 Hz</p> |
| CH09 |  | | <p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.466000000 GHz</p> <p>Start Freq 2.432000000 GHz</p> <p>Stop Freq 2.500000000 GHz</p> <p>CF Step 6.800000 MHz Auto</p> <p>Freq Offset 0 Hz</p> |

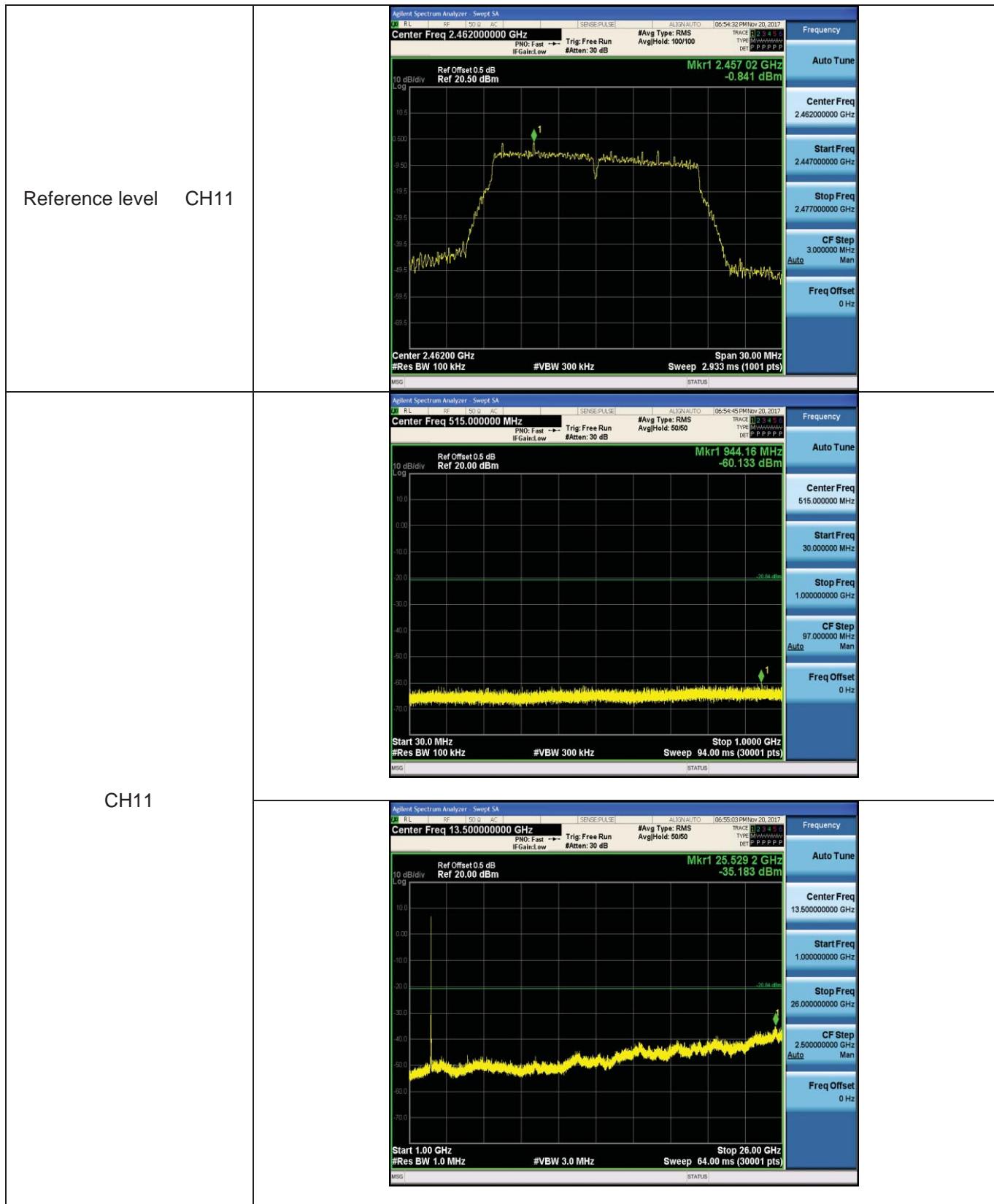
| Test Item: | SE | Type: | 802.11 b |
|-----------------|------|-------|---|
| Reference level | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.50 dBm</p> <p>10 dB/div Log</p> <p>Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms (1001 pts)</p> <p>Mkr1 2.412 51 GHz 7.118 dBm</p> <p>MSG [] STATUS []</p> <p>Frequency Auto Tune</p> <p>Center Freq 2.41200000 GHz</p> <p>Start Freq 2.39700000 GHz</p> <p>Stop Freq 2.42700000 GHz</p> <p>CF Step 3.000000 MHz Man</p> <p>Auto</p> <p>Freq Offset 0 Hz</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Sweep 94.00 ms (30001 pts)</p> <p>Mkr1 943.97 MHz -59.969 dBm</p> <p>MSG [] STATUS []</p> <p>Frequency Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.00000000 GHz</p> <p>CF Step 97.000000 MHz Man</p> <p>Auto</p> <p>Freq Offset 0 Hz</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.500000000 GHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Start 1.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 64.00 ms (30001 pts)</p> <p>Mkr1 25.542 5 GHz -34.770 dBm</p> <p>MSG [] STATUS []</p> <p>Frequency Auto Tune</p> <p>Center Freq 13.500000000 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.500000000 GHz Man</p> <p>Auto</p> <p>Freq Offset 0 Hz</p> |





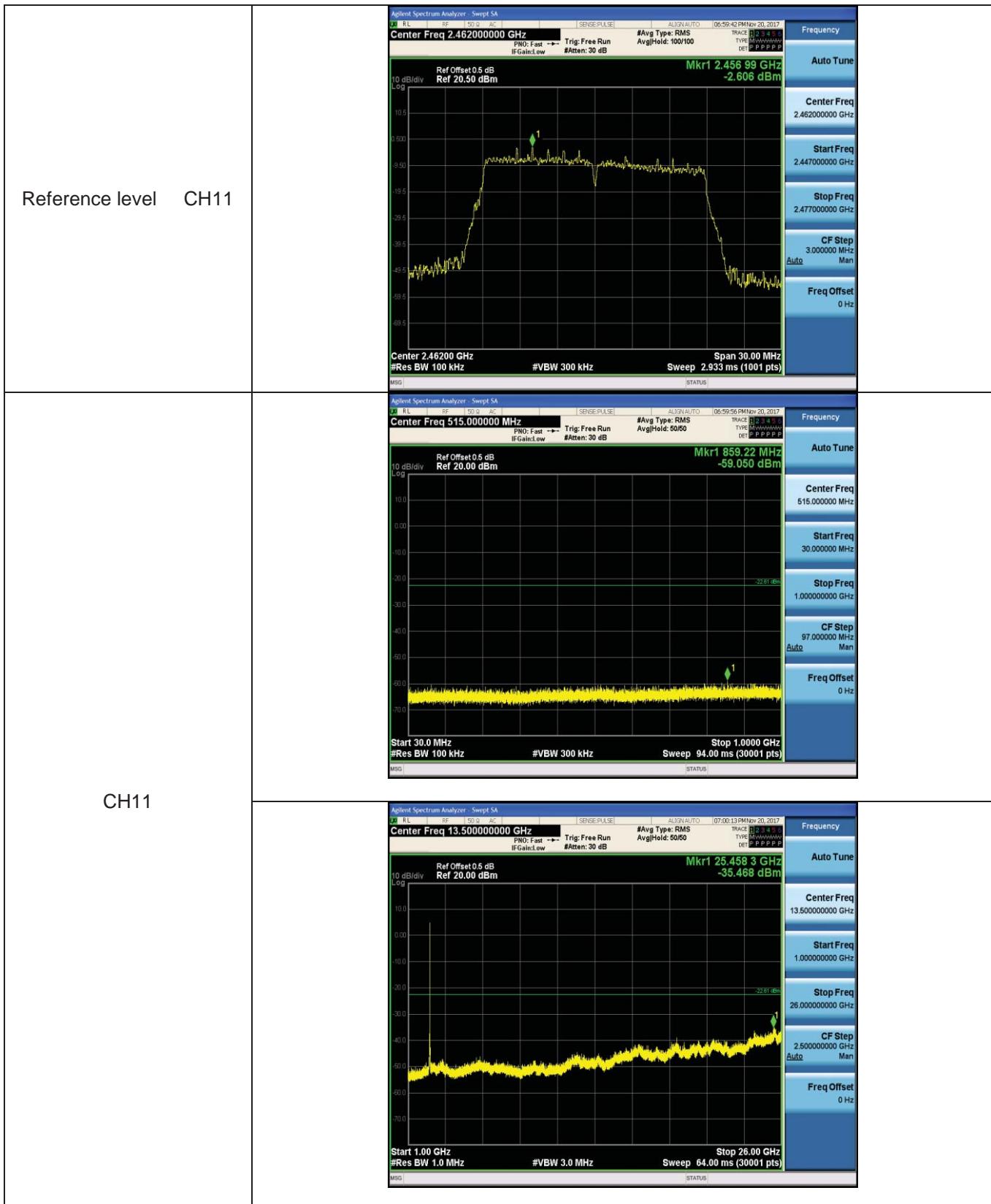
| Test Item: | SE | Type: | 802.11 g |
|-----------------|------|-------|--|
| Reference level | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>PNO: Fast Trig: Free Run #Avg Type: RMS</p> <p>IF Gated: Low #Attenuation: 30 dB Avg/Hold: 100/100</p> <p>TYPE: M W W W W DET: P P P P P</p> <p>Frequency Auto Tune</p> <p>Center Freq 2.41200000 GHz</p> <p>Start Freq 2.39700000 GHz</p> <p>Stop Freq 2.42700000 GHz</p> <p>CF Step 3.000000 MHz Auto</p> <p>Freq Offset 0 Hz</p> <p>Ref Offset 0.5 dB Ref 20.50 dBm</p> <p>Mkr1 2.405 76 GHz -2.254 dBm</p> <p>10 dB/div Log</p> <p>Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 30.00 MHz Sweep 2.933 ms (1001 pts)</p> <p>MSG [] STATUS []</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>PNO: Fast Trig: Free Run #Avg Type: RMS</p> <p>IF Gated: Low #Attenuation: 30 dB Avg/Hold: 50/50</p> <p>TYPE: M W W W W DET: P P P P P</p> <p>Frequency Auto Tune</p> <p>Center Freq 515.000000 MHz</p> <p>Start Freq 30.000000 MHz</p> <p>Stop Freq 1.00000000 GHz</p> <p>CF Step 97.000000 MHz Auto</p> <p>Freq Offset 0 Hz</p> <p>Ref Offset 0.5 dB Ref 20.00 dBm</p> <p>Mkr1 890.65 MHz -59.796 dBm</p> <p>10 dB/div Log</p> <p>Start 30.0 MHz #Res BW 100 kHz #VBW 300 kHz Stop 1.0000 GHz Sweep 94.00 ms (30001 pts)</p> <p>MSG [] STATUS []</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.500000000 GHz</p> <p>PNO: Fast Trig: Free Run #Avg Type: RMS</p> <p>IF Gated: Low #Attenuation: 30 dB Avg/Hold: 50/50</p> <p>TYPE: M W W W W DET: P P P P P</p> <p>Frequency Auto Tune</p> <p>Center Freq 13.500000000 GHz</p> <p>Start Freq 1.000000000 GHz</p> <p>Stop Freq 26.000000000 GHz</p> <p>CF Step 2.500000000 GHz Auto</p> <p>Freq Offset 0 Hz</p> <p>Ref Offset 0.5 dB Ref 20.00 dBm</p> <p>Mkr1 25.565 8 GHz -35.127 dBm</p> <p>10 dB/div Log</p> <p>Start 1.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Stop 26.00 GHz Sweep 64.00 ms (30001 pts)</p> <p>MSG [] STATUS []</p> |



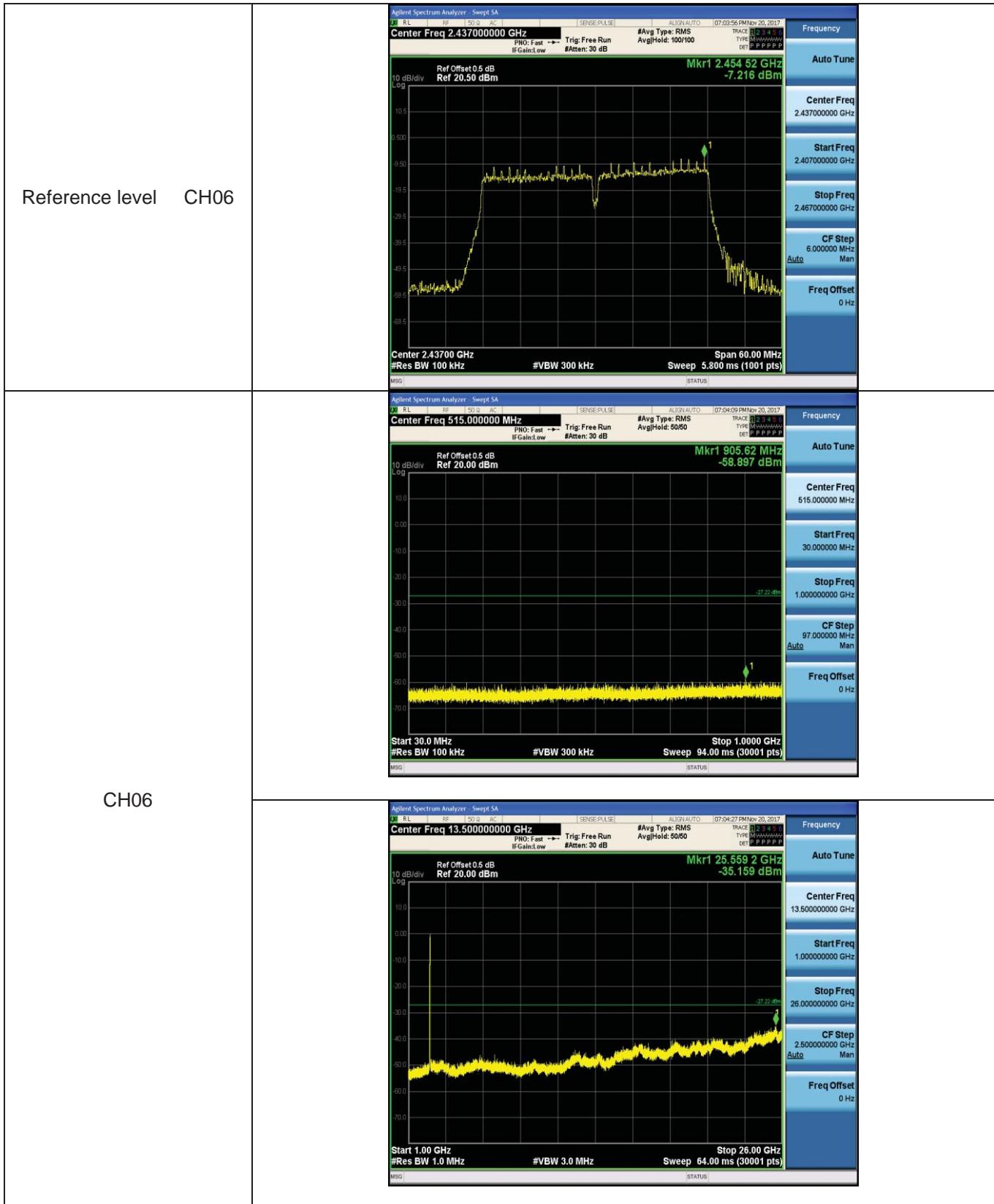


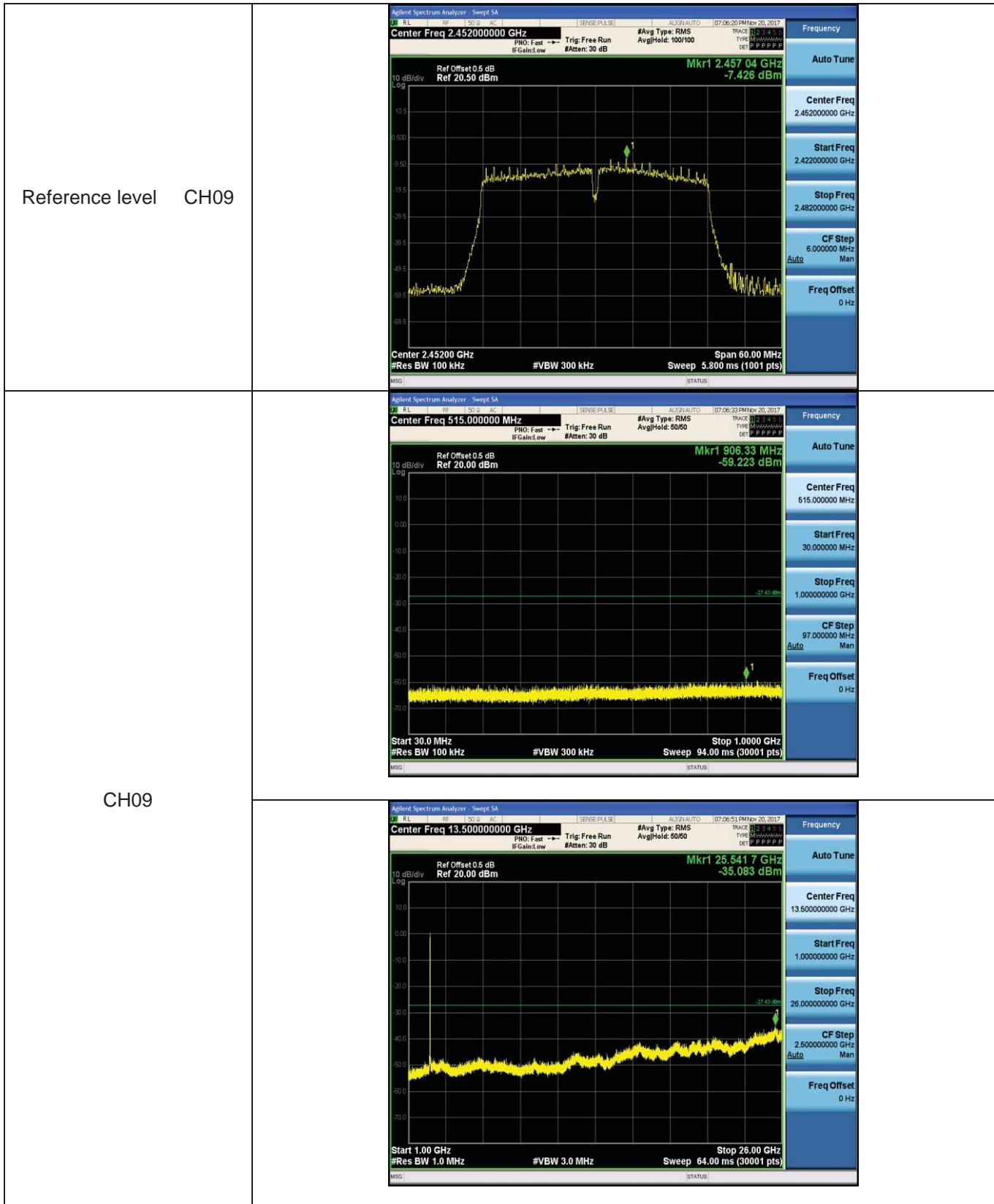
| Test Item: | SE | Type: | 802.11 n(HT20) |
|-----------------|------|-------|---|
| Reference level | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.41200000 GHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.50 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 2.405 76 GHz -4.296 dBm</p> <p>Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 30.00 MHz Sweep 2.933 ms (1001 pts)</p> <p>MSG [] STATUS []</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 747.19 MHz -89.701 dBm</p> <p>Start 30.0 MHz Stop 1.0000 GHz #Res BW 100 kHz #VBW 300 kHz Sweep 94.00 ms (30001 pts)</p> <p>MSG [] STATUS []</p> |
| | CH01 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.500000000 GHz</p> <p>Ref Offset 0.5 dB</p> <p>Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 25.510 0 GHz -34.590 dBm</p> <p>Start 1.00 GHz Stop 26.00 GHz #Res BW 1.0 MHz #VBW 3.0 MHz Sweep 64.00 ms (30001 pts)</p> <p>MSG [] STATUS []</p> |





| Test Item: | SE | Type: | 802.11 n(HT40) |
|-----------------|------|-------|---|
| Reference level | CH03 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.422000000 GHz</p> <p>PIN: Fast → Trig: Free Run #Avg Type: RMS Avg/Hold: 100/100</p> <p>Ref Offset 0.5 dB Ref 20.50 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 2.40454 GHz -8.680 dBm</p> <p>Center 2.42200 GHz Span 60.00 MHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 5.800 ms (1001 pts)</p> <p>MSG STATUS</p> |
| | | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 515.000000 MHz</p> <p>PIN: Fast → Trig: Free Run #Avg Type: RMS Avg/Hold: 50/50</p> <p>Ref Offset 0.5 dB Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 780.75 MHz -59.318 dBm</p> <p>Start 30.0 MHz Stop 1.0000 GHz</p> <p>#Res BW 100 kHz #VBW 300 kHz Sweep 94.00 ms (30001 pts)</p> <p>MSG STATUS</p> |
| | CH03 | | <p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 13.500000000 GHz</p> <p>PIN: Fast → Trig: Free Run #Avg Type: RMS Avg/Hold: 50/50</p> <p>Ref Offset 0.5 dB Ref 20.00 dBm</p> <p>10 dB/div Log</p> <p>Mkr1 25.4758 GHz -34.245 dBm</p> <p>Start 1.00 GHz Stop 26.00 GHz</p> <p>#Res BW 1.0 MHz #VBW 3.0 MHz Sweep 64.00 ms (30001 pts)</p> <p>MSG STATUS</p> |





5.8. Spurious Emissions (radiated)

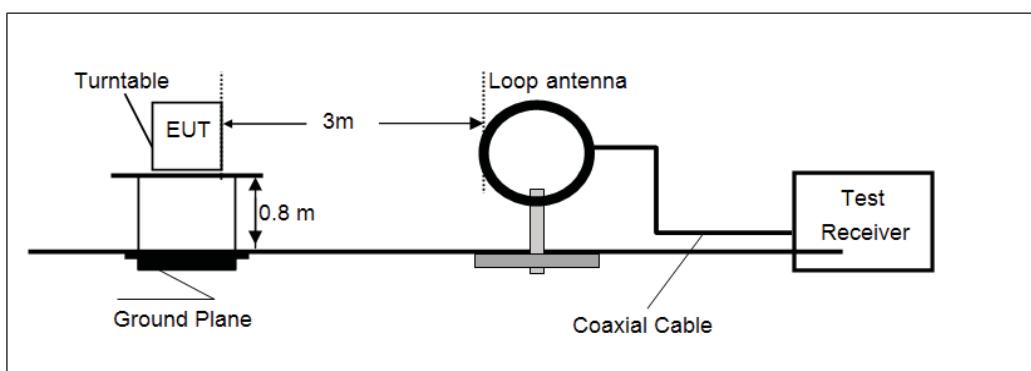
LIMIT

FCC CFR Title 47 Part 15 Subpart C Section 15.209

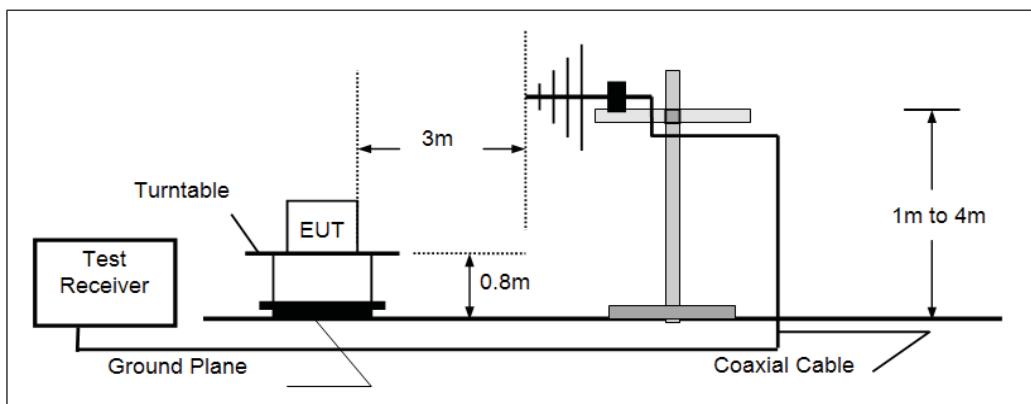
| Frequency | Limit (dBuV/m @3m) | Value |
|---------------|--------------------|------------|
| 30MHz-88MHz | 40.00 | Quasi-peak |
| 88MHz-216MHz | 43.50 | Quasi-peak |
| 216MHz-960MHz | 46.00 | Quasi-peak |
| 960MHz-1GHz | 54.00 | Quasi-peak |
| Above 1GHz | 54.00 | Average |
| | 74.00 | Peak |

TEST CONFIGURATION

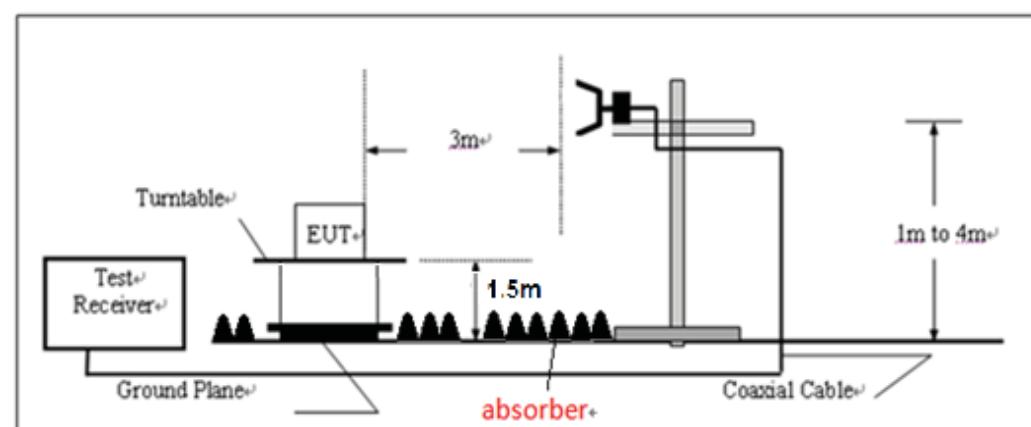
- 9KHz ~30MHz



- 30MHz ~ 1GHz



- Above 1GHz



TEST PROCEDURE

1. The EUT was 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 0.8/1.5 meter above ground plane. 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.
5. Use the following spectrum analyzer settings
 - (1) Span shall 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 Peak detector for Peak value
RBW=1MHz, VBW=3MHz RMS detector for Average value.

Remark: "floor-standing equipment" Where possible, the antenna(s) of the EUT shall be located at a height of 1.5 m above the floor, and the intentional radiator circuitry shall be located within the system at a height of at least 0.8 m above the floor.

TEST MODE:

Please refer to the clause 3.3

TEST RESULTS

Passed Not Applicable

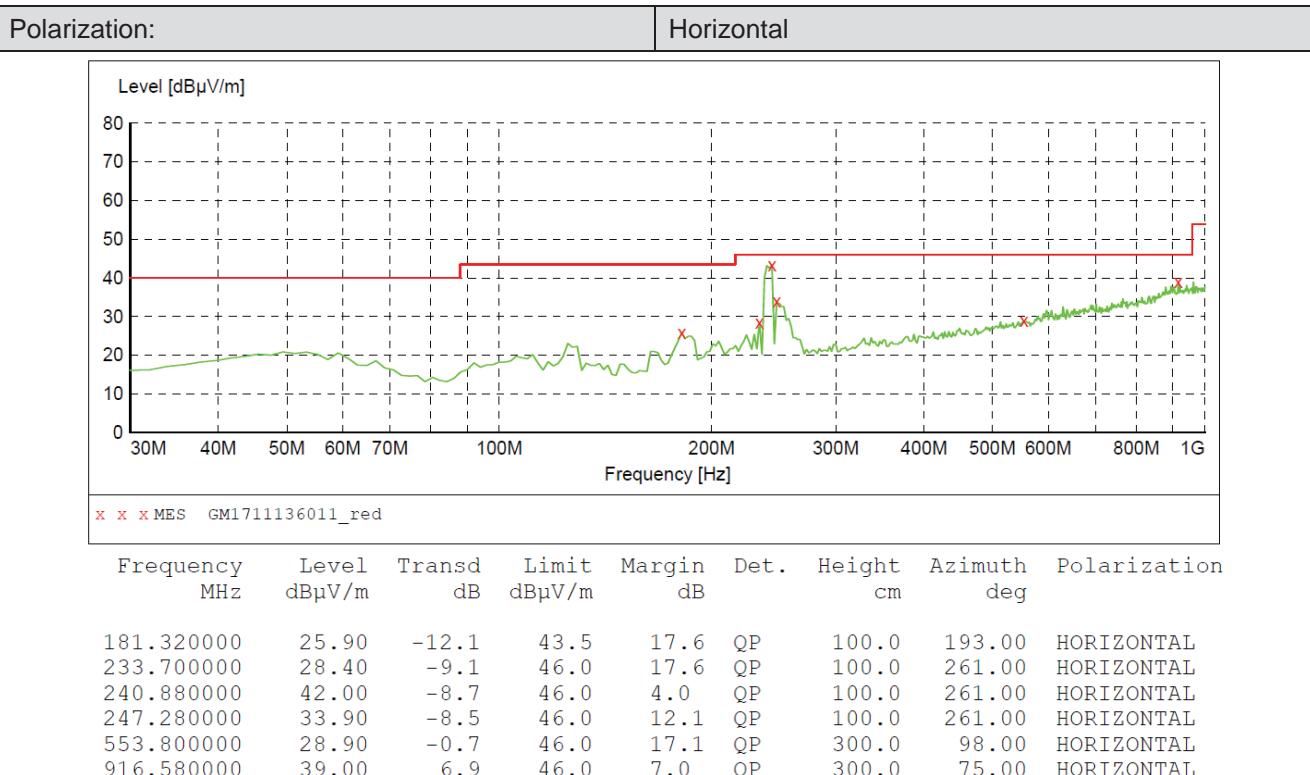
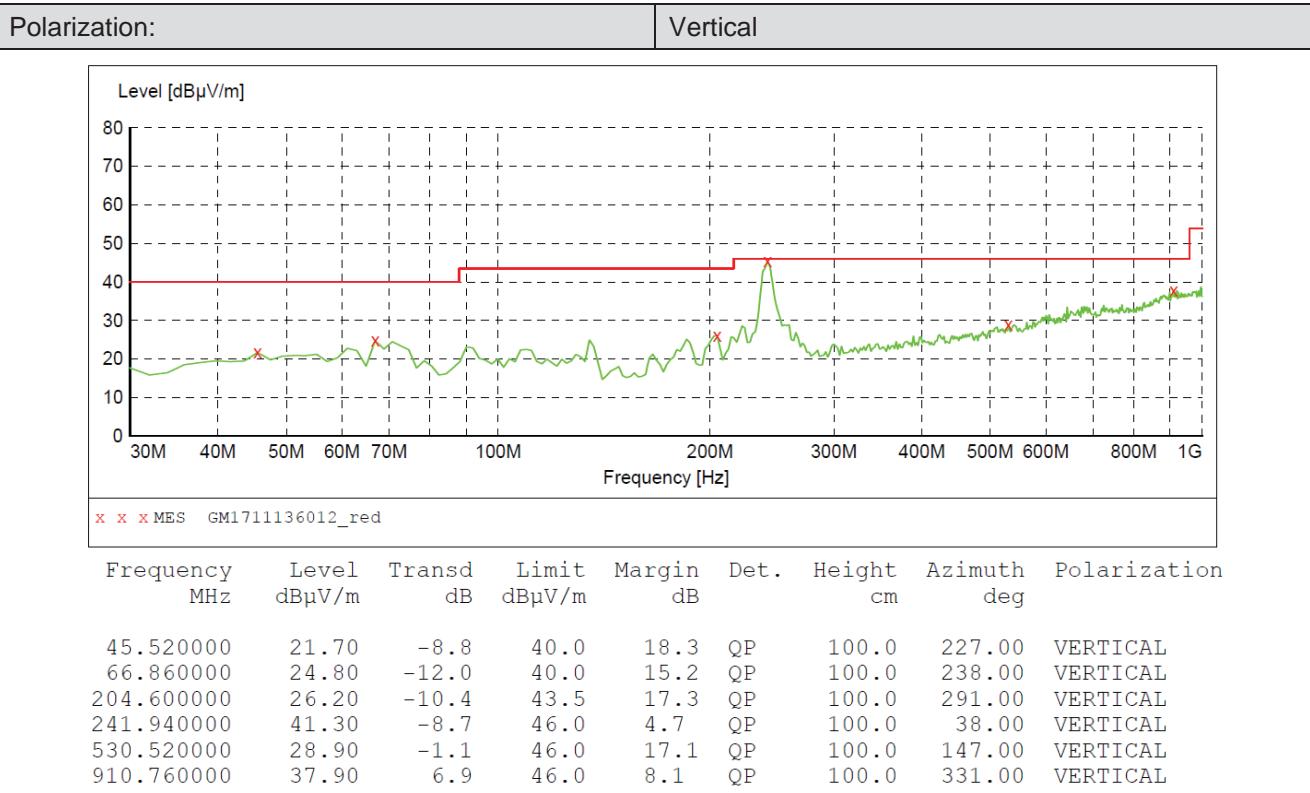
Note:

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

➤ 9kHz ~ 30MHz

The EUT was pre-scanned the frequency band (9KHz~30MHz), found the radiated level lower than the limit, so don't show on the report.

> 30MHz ~ 1GHz



> Above 1GHz

| 802.11b | | CH01 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1680.83 | 35.54 | 25.14 | 5.73 | 36.89 | 29.52 | 74.00 | -44.48 | Vertical | Peak |
| 3033.91 | 35.30 | 28.67 | 7.52 | 38.22 | 33.27 | 74.00 | -40.73 | Vertical | |
| 4213.21 | 34.53 | 30.03 | 8.95 | 37.64 | 35.87 | 74.00 | -38.13 | Vertical | |
| 5747.59 | 33.22 | 31.84 | 10.51 | 35.46 | 40.11 | 74.00 | -33.89 | Vertical | |
| 1613.75 | 35.79 | 24.94 | 5.60 | 36.75 | 29.58 | 74.00 | -44.42 | Horizontal | |
| 3010.83 | 36.38 | 28.62 | 7.49 | 38.23 | 34.26 | 74.00 | -39.74 | Horizontal | |
| 4181.16 | 35.77 | 29.98 | 8.92 | 37.69 | 36.98 | 74.00 | -37.02 | Horizontal | |
| 5617.41 | 33.19 | 31.76 | 10.30 | 35.82 | 39.43 | 74.00 | -34.57 | Horizontal | |

| 802.11b | | CH06 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1728.56 | 36.70 | 25.26 | 5.82 | 36.99 | 30.79 | 74.00 | -43.21 | Vertical | Peak |
| 3738.13 | 35.12 | 29.42 | 8.43 | 38.24 | 34.73 | 74.00 | -39.27 | Vertical | |
| 4871.10 | 46.61 | 31.46 | 9.59 | 36.76 | 50.90 | 74.00 | -23.10 | Vertical | |
| 7357.33 | 32.00 | 36.30 | 12.03 | 34.88 | 45.45 | 74.00 | -28.55 | Vertical | |
| 1837.46 | 34.17 | 25.36 | 6.02 | 37.17 | 28.38 | 74.00 | -45.62 | Horizontal | |
| 3598.09 | 34.79 | 29.29 | 8.27 | 38.27 | 34.08 | 74.00 | -39.92 | Horizontal | |
| 4871.10 | 41.68 | 31.46 | 9.59 | 36.76 | 45.97 | 74.00 | -28.03 | Horizontal | |
| 6833.77 | 31.29 | 34.24 | 11.64 | 34.96 | 42.21 | 74.00 | -31.79 | Horizontal | |

| 802.11b | | CH11 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1724.17 | 35.29 | 25.25 | 5.81 | 36.98 | 29.37 | 74.00 | -44.63 | Vertical | Peak |
| 3844.28 | 34.78 | 29.64 | 8.56 | 38.20 | 34.78 | 74.00 | -39.22 | Vertical | |
| 4920.96 | 43.27 | 31.42 | 9.62 | 36.62 | 47.69 | 74.00 | -26.31 | Vertical | |
| 7245.81 | 32.96 | 36.25 | 11.91 | 35.02 | 46.10 | 74.00 | -27.90 | Vertical | |
| 1759.64 | 36.32 | 25.32 | 5.88 | 37.06 | 30.46 | 74.00 | -43.54 | Horizontal | |
| 3709.69 | 35.54 | 29.33 | 8.40 | 38.25 | 35.02 | 74.00 | -38.98 | Horizontal | |
| 4920.96 | 35.11 | 31.42 | 9.62 | 36.62 | 39.53 | 74.00 | -34.47 | Horizontal | |
| 6678.99 | 33.10 | 34.20 | 11.45 | 35.21 | 43.54 | 74.00 | -30.46 | Horizontal | |

Remark:

- Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

| 802.11g | | CH01 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1746.25 | 53.91 | 25.29 | 5.86 | 37.03 | 48.03 | 74.00 | -25.97 | Vertical | Peak |
| 3644.18 | 36.16 | 29.30 | 8.32 | 38.26 | 35.52 | 74.00 | -38.48 | Vertical | |
| 4834.05 | 38.88 | 31.53 | 9.56 | 36.86 | 43.11 | 74.00 | -30.89 | Vertical | |
| 6594.52 | 32.99 | 34.19 | 11.35 | 35.36 | 43.17 | 74.00 | -30.83 | Vertical | |
| 1759.64 | 35.21 | 25.32 | 5.88 | 37.06 | 29.35 | 74.00 | -44.65 | Horizontal | |
| 3088.45 | 36.43 | 28.78 | 7.59 | 38.22 | 34.58 | 74.00 | -39.42 | Horizontal | |
| 4821.76 | 35.27 | 31.56 | 9.55 | 36.90 | 39.48 | 74.00 | -34.52 | Horizontal | |
| 7282.79 | 31.61 | 36.28 | 11.95 | 34.97 | 44.87 | 74.00 | -29.13 | Horizontal | |

| 802.11g | | CH06 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1913.84 | 39.14 | 25.44 | 6.14 | 37.23 | 33.49 | 74.00 | -40.51 | Vertical | Peak |
| 3570.71 | 35.92 | 29.21 | 8.22 | 38.31 | 35.04 | 74.00 | -38.96 | Vertical | |
| 4883.52 | 39.93 | 31.43 | 9.59 | 36.73 | 44.22 | 74.00 | -29.78 | Vertical | |
| 6645.07 | 31.57 | 34.20 | 11.41 | 35.28 | 41.90 | 74.00 | -32.10 | Vertical | |
| 2135.22 | 33.90 | 26.99 | 6.38 | 37.33 | 29.94 | 74.00 | -44.06 | Horizontal | |
| 3057.17 | 35.84 | 28.72 | 7.55 | 38.22 | 33.89 | 74.00 | -40.11 | Horizontal | |
| 4871.10 | 36.04 | 31.46 | 9.59 | 36.76 | 40.33 | 74.00 | -33.67 | Horizontal | |
| 5821.21 | 33.12 | 32.14 | 10.60 | 35.33 | 40.53 | 74.00 | -33.47 | Horizontal | |

| 802.11g | | CH11 | | | | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1899.28 | 38.42 | 25.30 | 6.11 | 37.22 | 32.61 | 74.00 | -41.39 | Vertical | Peak |
| 3625.67 | 35.35 | 29.30 | 8.30 | 38.26 | 34.69 | 74.00 | -39.31 | Vertical | |
| 4983.99 | 33.87 | 31.48 | 9.66 | 36.44 | 38.57 | 74.00 | -35.43 | Vertical | |
| 7319.96 | 31.97 | 36.30 | 11.99 | 34.92 | 45.34 | 74.00 | -28.66 | Vertical | |
| 1795.84 | 34.94 | 25.39 | 5.95 | 37.13 | 29.15 | 74.00 | -44.85 | Horizontal | |
| 3598.09 | 35.31 | 29.29 | 8.27 | 38.27 | 34.60 | 74.00 | -39.40 | Horizontal | |
| 6283.16 | 31.69 | 33.07 | 11.00 | 35.30 | 40.46 | 74.00 | -33.54 | Horizontal | |
| 8681.17 | 31.40 | 37.79 | 12.98 | 34.42 | 47.75 | 74.00 | -26.25 | Horizontal | |

Remark:

- Final Level = Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

| 802.11n(HT20) | | | | | CH01 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1764.12 | 36.24 | 25.33 | 5.89 | 37.06 | 30.40 | 74.00 | -43.60 | Vertical | Peak |
| 3873.75 | 35.87 | 29.67 | 8.60 | 38.19 | 35.95 | 74.00 | -38.05 | Vertical | |
| 6001.77 | 31.93 | 32.50 | 10.67 | 35.45 | 39.65 | 74.00 | -34.35 | Vertical | |
| 7470.56 | 32.26 | 36.16 | 12.30 | 34.88 | 45.84 | 74.00 | -28.16 | Vertical | |
| 1724.17 | 36.69 | 25.25 | 5.81 | 36.98 | 30.77 | 74.00 | -43.23 | Horizontal | |
| 3738.13 | 36.51 | 29.42 | 8.43 | 38.24 | 36.12 | 74.00 | -37.88 | Horizontal | |
| 5532.26 | 33.76 | 31.87 | 10.22 | 36.18 | 39.67 | 74.00 | -34.33 | Horizontal | |
| 7117.84 | 33.09 | 35.71 | 11.86 | 34.96 | 45.70 | 74.00 | -28.30 | Horizontal | |

| 802.11n(HT20) | | | | | CH06 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1805.01 | 35.54 | 25.39 | 5.97 | 37.14 | 29.76 | 74.00 | -44.24 | Vertical | Peak |
| 3088.45 | 34.74 | 28.78 | 7.59 | 38.22 | 32.89 | 74.00 | -41.11 | Vertical | |
| 4883.52 | 35.37 | 31.43 | 9.59 | 36.73 | 39.66 | 74.00 | -34.34 | Vertical | |
| 7081.70 | 30.99 | 35.55 | 11.85 | 34.91 | 43.48 | 74.00 | -30.52 | Vertical | |
| 1773.13 | 36.87 | 25.35 | 5.91 | 37.08 | 31.05 | 74.00 | -42.95 | Horizontal | |
| 3200.50 | 36.20 | 28.80 | 7.72 | 38.20 | 34.52 | 74.00 | -39.48 | Horizontal | |
| 4871.10 | 35.30 | 31.46 | 9.59 | 36.76 | 39.59 | 74.00 | -34.41 | Horizontal | |
| 7045.74 | 31.95 | 35.44 | 11.85 | 34.86 | 44.38 | 74.00 | -29.62 | Horizontal | |

| 802.11n(HT20) | | | | | CH11 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1795.84 | 35.24 | 25.39 | 5.95 | 37.13 | 29.45 | 74.00 | -44.55 | Vertical | Peak |
| 3815.03 | 35.42 | 29.62 | 8.52 | 38.22 | 35.34 | 74.00 | -38.66 | Vertical | |
| 4920.96 | 39.83 | 31.42 | 9.62 | 36.62 | 44.25 | 74.00 | -29.75 | Vertical | |
| 7338.62 | 31.91 | 36.30 | 12.01 | 34.90 | 45.32 | 74.00 | -28.68 | Vertical | |
| 1685.12 | 36.50 | 25.16 | 5.74 | 36.90 | 30.50 | 74.00 | -43.50 | Horizontal | |
| 3135.99 | 37.21 | 28.80 | 7.64 | 38.21 | 35.44 | 74.00 | -38.56 | Horizontal | |
| 4797.27 | 33.95 | 31.59 | 9.54 | 36.96 | 38.12 | 74.00 | -35.88 | Horizontal | |
| 6283.16 | 33.43 | 33.07 | 11.00 | 35.30 | 42.20 | 74.00 | -31.80 | Horizontal | |

Remark:

- Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

| 802.11n(HT40) | | | | | CH03 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1634.42 | 36.84 | 25.01 | 5.64 | 36.79 | 30.70 | 74.00 | -43.30 | Vertical | Peak |
| 3616.45 | 36.14 | 29.30 | 8.29 | 38.27 | 35.46 | 74.00 | -38.54 | Vertical | |
| 4846.37 | 36.84 | 31.51 | 9.57 | 36.83 | 41.09 | 74.00 | -32.91 | Vertical | |
| 7961.43 | 32.44 | 36.95 | 12.49 | 34.63 | 47.25 | 74.00 | -26.75 | Vertical | |
| 1724.17 | 36.59 | 25.25 | 5.81 | 36.98 | 30.67 | 74.00 | -43.33 | Horizontal | |
| 3192.37 | 36.19 | 28.80 | 7.71 | 38.20 | 34.50 | 74.00 | -39.50 | Horizontal | |
| 4524.47 | 34.56 | 30.75 | 9.34 | 37.35 | 37.30 | 74.00 | -36.70 | Horizontal | |
| 6331.33 | 32.39 | 33.16 | 11.00 | 35.30 | 41.25 | 74.00 | -32.75 | Horizontal | |

| 802.11n(HT40) | | | | | CH06 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1746.25 | 37.02 | 25.29 | 5.86 | 37.03 | 31.14 | 74.00 | -42.86 | Vertical | Peak |
| 3192.37 | 36.99 | 28.80 | 7.71 | 38.20 | 35.30 | 74.00 | -38.70 | Vertical | |
| 4871.10 | 33.10 | 31.46 | 9.59 | 36.76 | 37.39 | 74.00 | -36.61 | Vertical | |
| 6662.01 | 32.98 | 34.20 | 11.43 | 35.25 | 43.36 | 74.00 | -30.64 | Vertical | |
| 1800.42 | 36.72 | 25.40 | 5.96 | 37.14 | 30.94 | 74.00 | -43.06 | Horizontal | |
| 2577.80 | 47.18 | 27.67 | 6.89 | 37.85 | 43.89 | 74.00 | -30.11 | Horizontal | |
| 3598.09 | 37.53 | 29.29 | 8.27 | 38.27 | 36.82 | 74.00 | -37.18 | Horizontal | |
| 5689.36 | 32.58 | 31.62 | 10.41 | 35.62 | 38.99 | 74.00 | -35.01 | Horizontal | |

| 802.11n(HT40) | | | | | CH09 | | | | |
|-----------------|-------------------|-----------------------|-----------------|--------------------|----------------|---------------------|-------------------|--------------|------------|
| Frequency (MHz) | Read Level (dBuV) | Antenna Factor (dB/m) | Cable Loss (dB) | Preamp Factor (dB) | Level (dBuV/m) | Limit Line (dBuV/m) | Margin Limit (dB) | Polarization | Test value |
| 1741.81 | 36.51 | 25.29 | 5.85 | 37.02 | 30.63 | 74.00 | -43.37 | Vertical | Peak |
| 3225.04 | 37.29 | 28.65 | 7.75 | 38.24 | 35.45 | 74.00 | -38.55 | Vertical | |
| 4354.97 | 34.41 | 30.37 | 9.09 | 37.58 | 36.29 | 74.00 | -37.71 | Vertical | |
| 6662.01 | 32.36 | 34.20 | 11.43 | 35.25 | 42.74 | 74.00 | -31.26 | Vertical | |
| 1719.78 | 36.12 | 25.24 | 5.80 | 36.97 | 30.19 | 74.00 | -43.81 | Horizontal | |
| 3200.50 | 35.69 | 28.80 | 7.72 | 38.20 | 34.01 | 74.00 | -39.99 | Horizontal | |
| 5073.59 | 33.51 | 31.80 | 9.73 | 36.33 | 38.71 | 74.00 | -35.29 | Horizontal | |
| 7527.83 | 32.88 | 36.13 | 12.49 | 34.92 | 46.58 | 74.00 | -27.42 | Horizontal | |

Remark:

- Final Level =Receiver Read level + Antenna Factor + Cable Loss – Preamplifier Factor
- The peak level is lower than average limit(54 dBuV/m), this data is the too weak instrument of signal is unable to test.
- The emission levels of other frequencies are very lower than the limit and not show in test report.

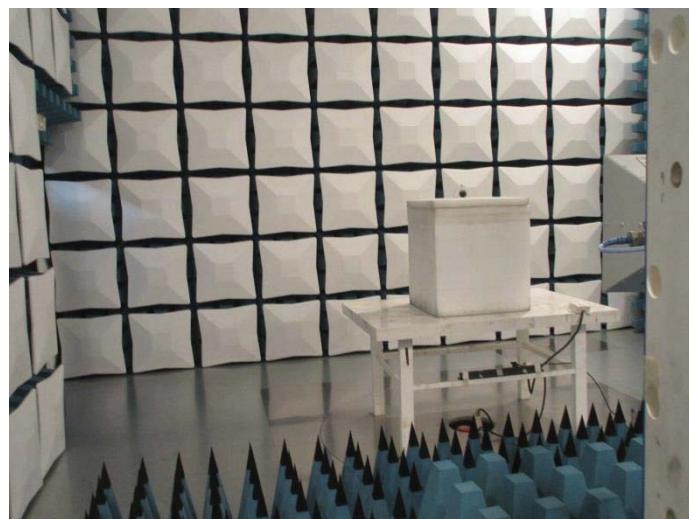
6. Test Setup Photos of the EUT

Conducted Emissions (AC Mains)



Radiated Emissions

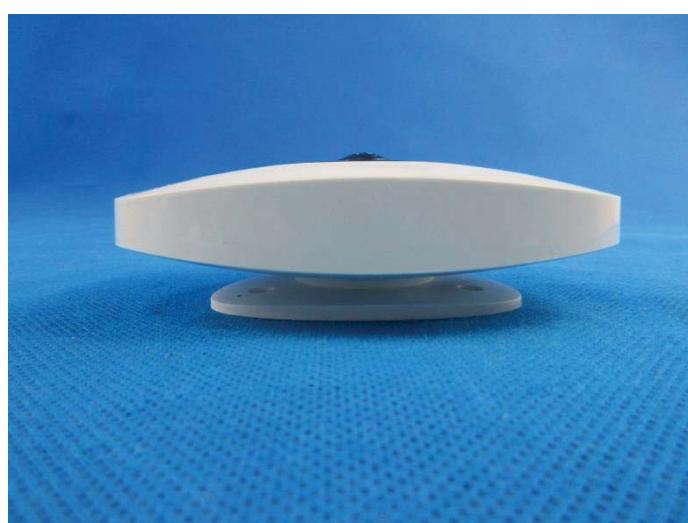
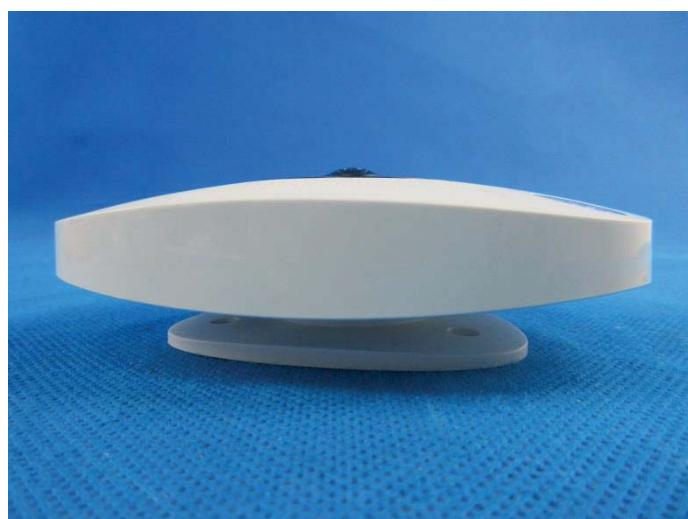




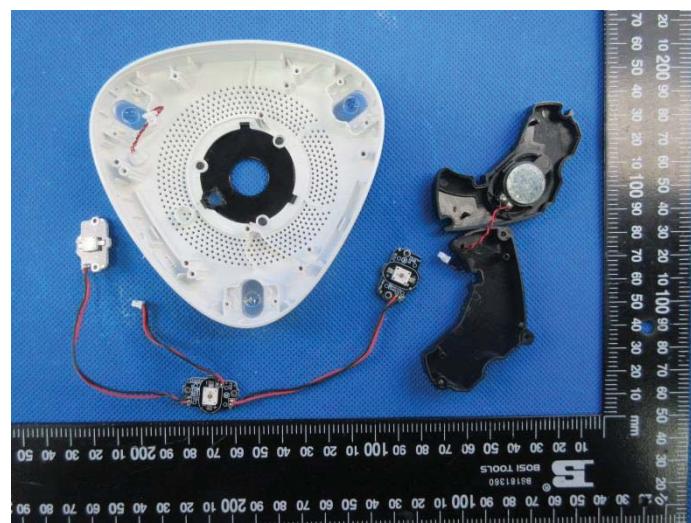
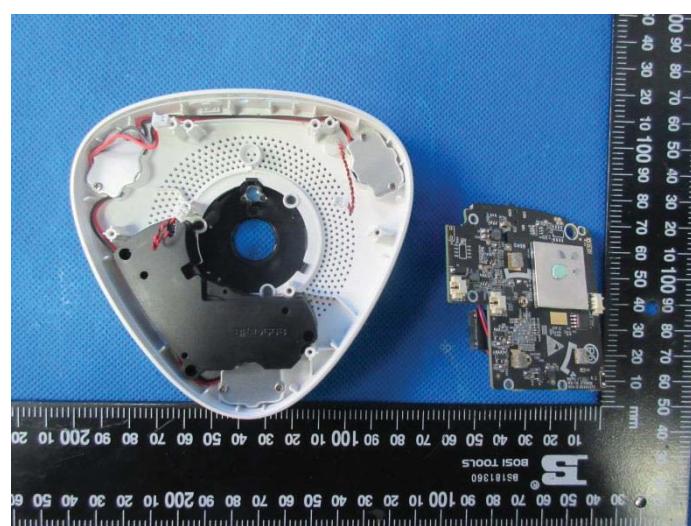
7. External and Internal Photos of the EUT

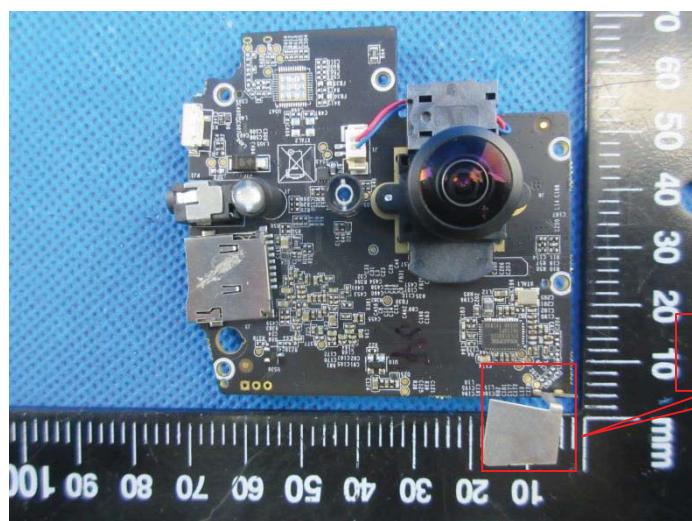
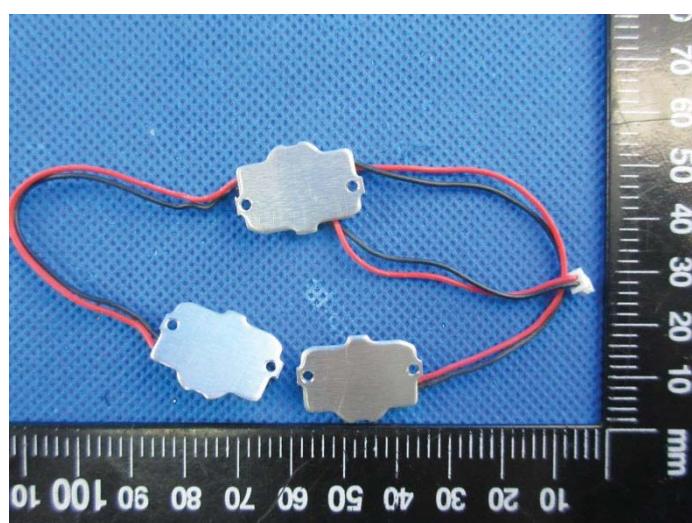
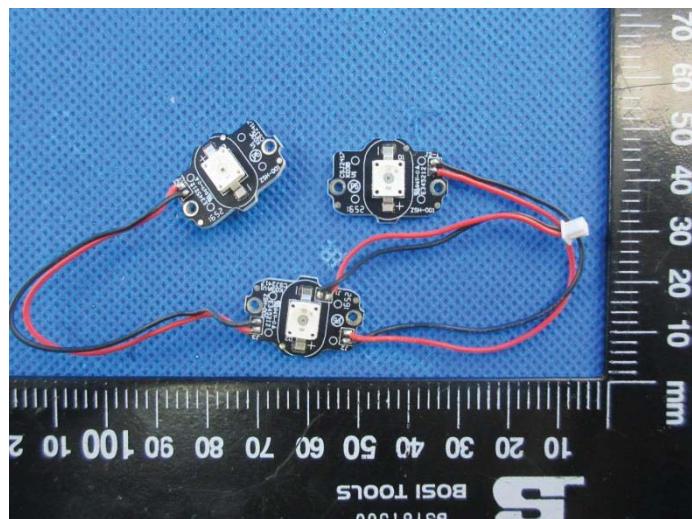
External Photos of the EUT

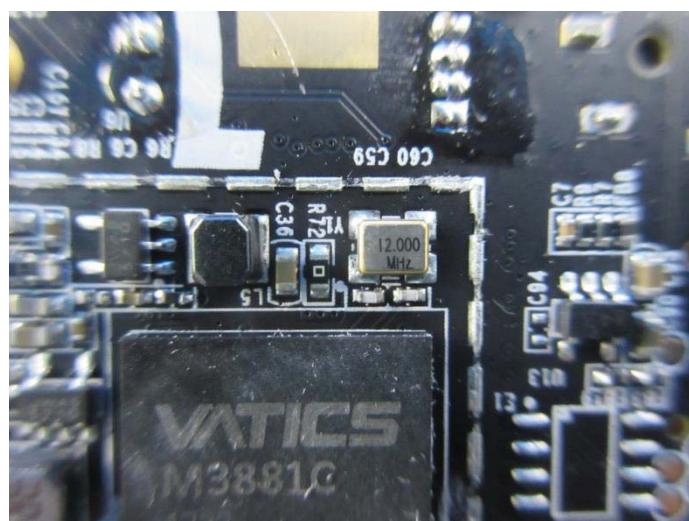
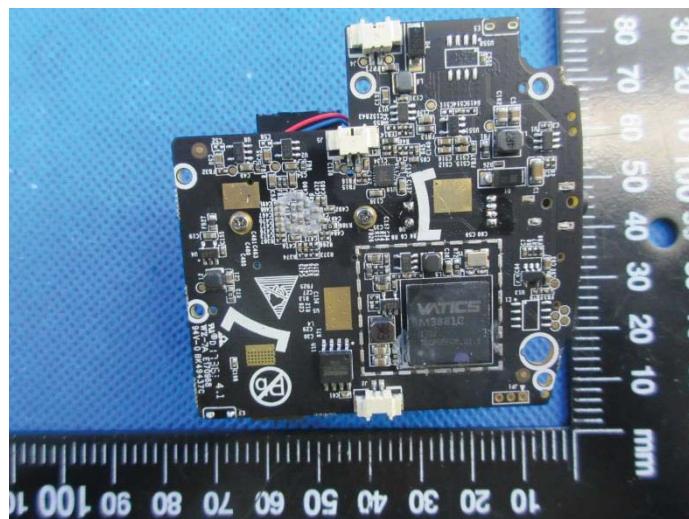


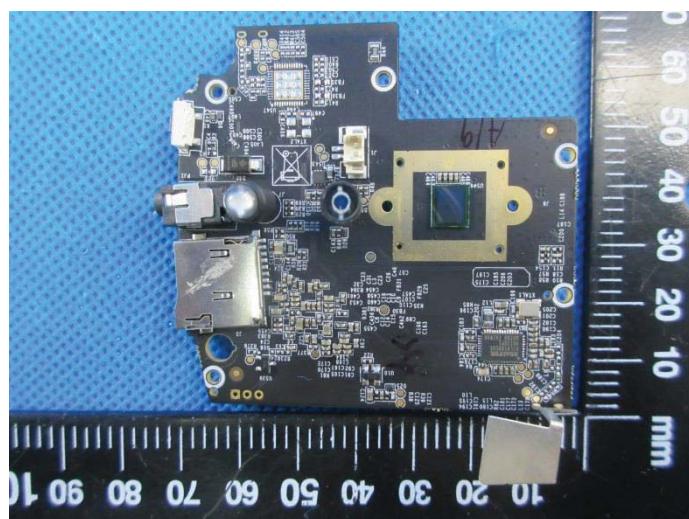
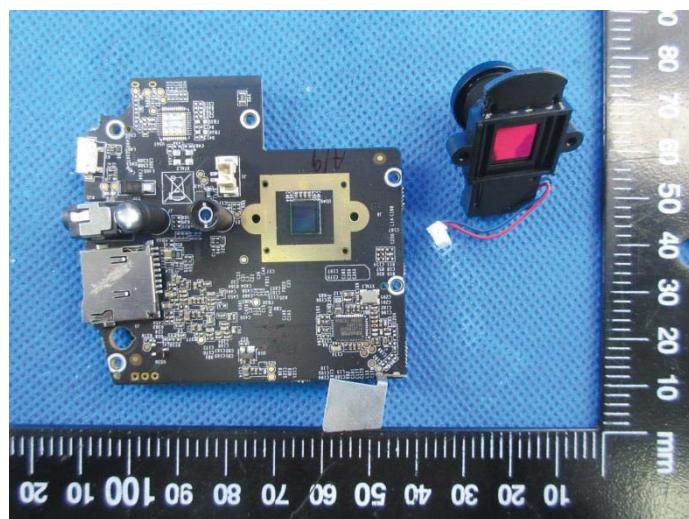


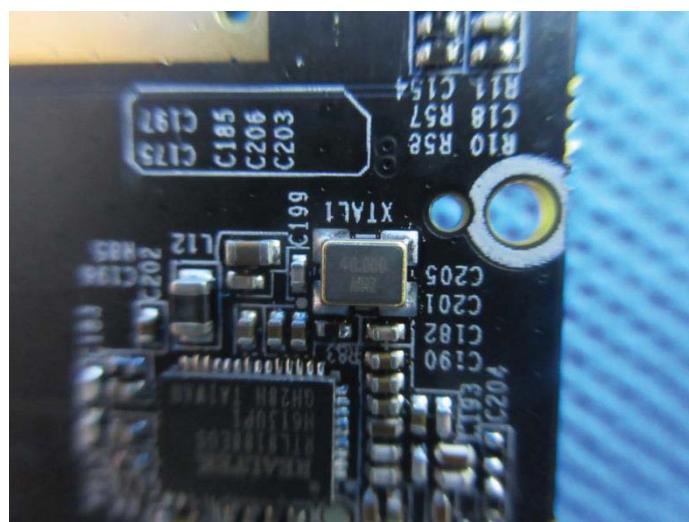


Internal Photos of the EUT









-----End of Report-----