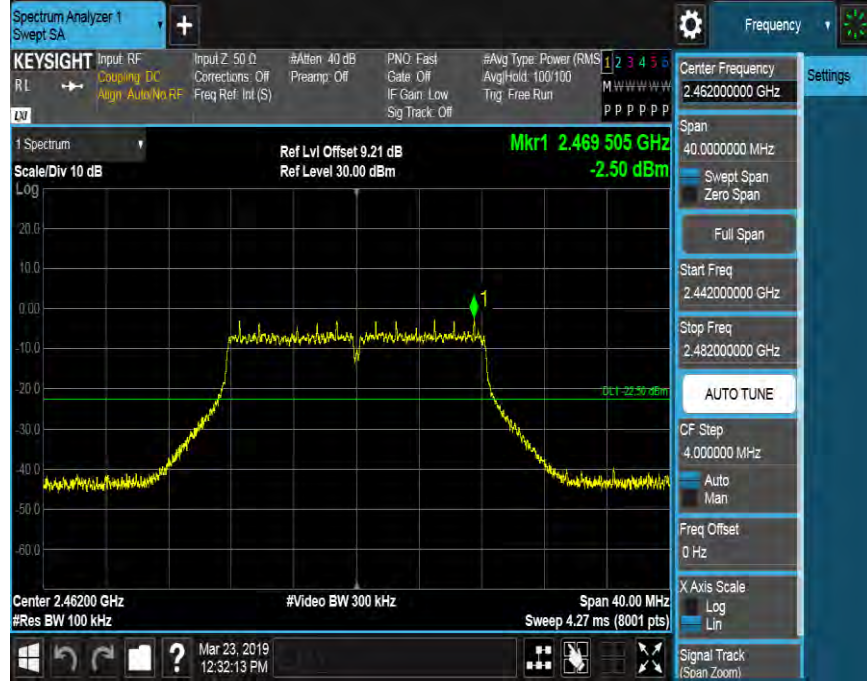
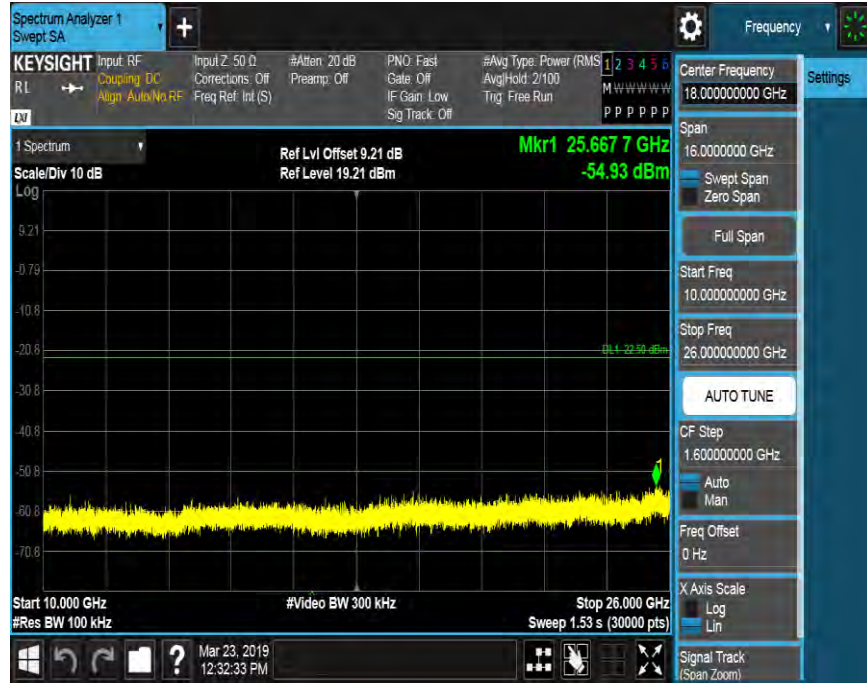




### HIGH CH SPURIOUS EMISSIONS





### 8.5.1. 802.11n HT20 MODE

#### LOW CH BANDEDGE



#### LOW CH SPURIOUS EMISSIONS









### MID CH SPURIOUS EMISSIONS









### HIGH CH SPURIOUS EMISSIONS

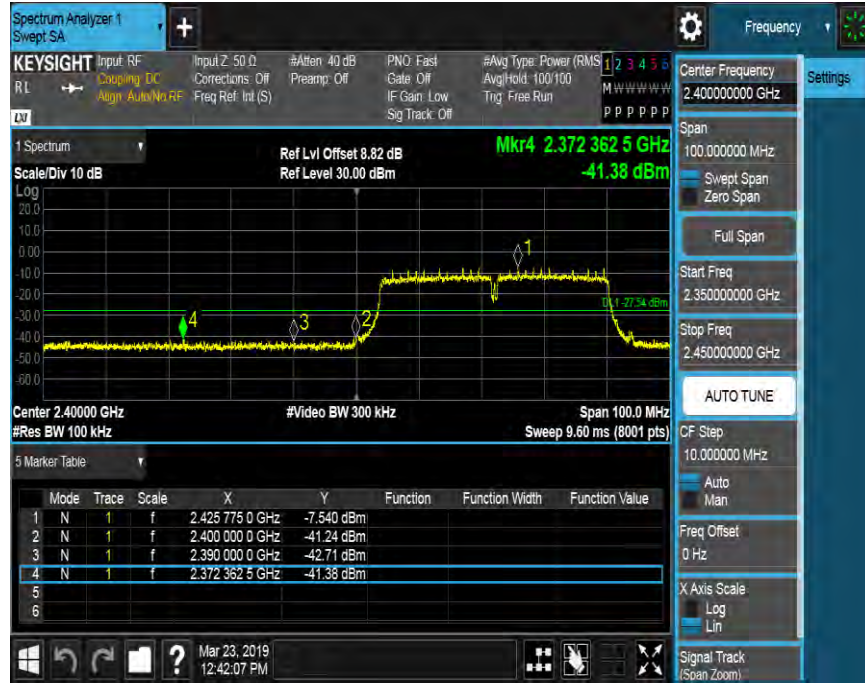






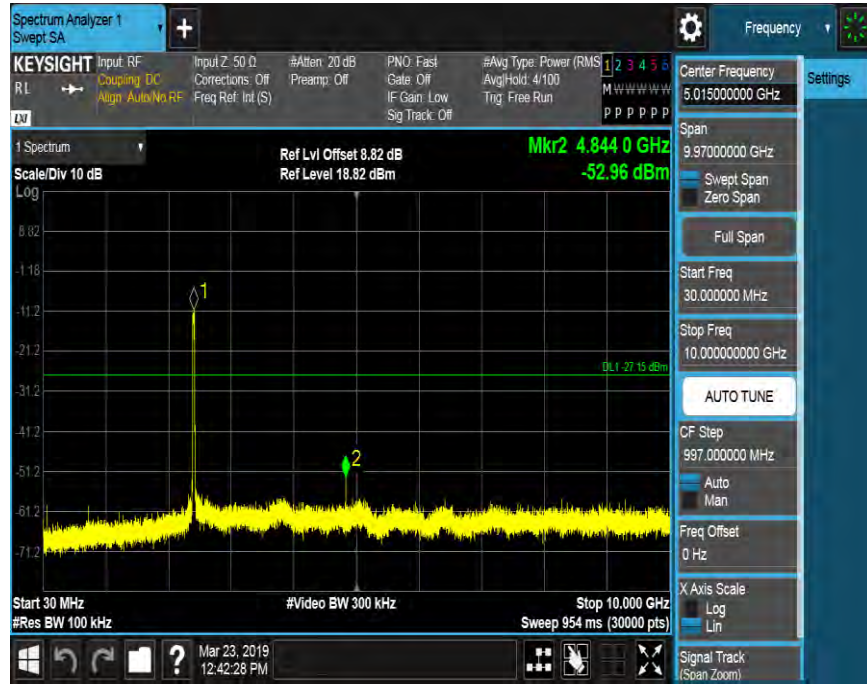
### 8.5.1. 802.11n HT40 MODE

#### LOW CH BANDEDGE



#### LOW CH SPURIOUS EMISSION







### MID CH SPURIOUS EMISSIONS





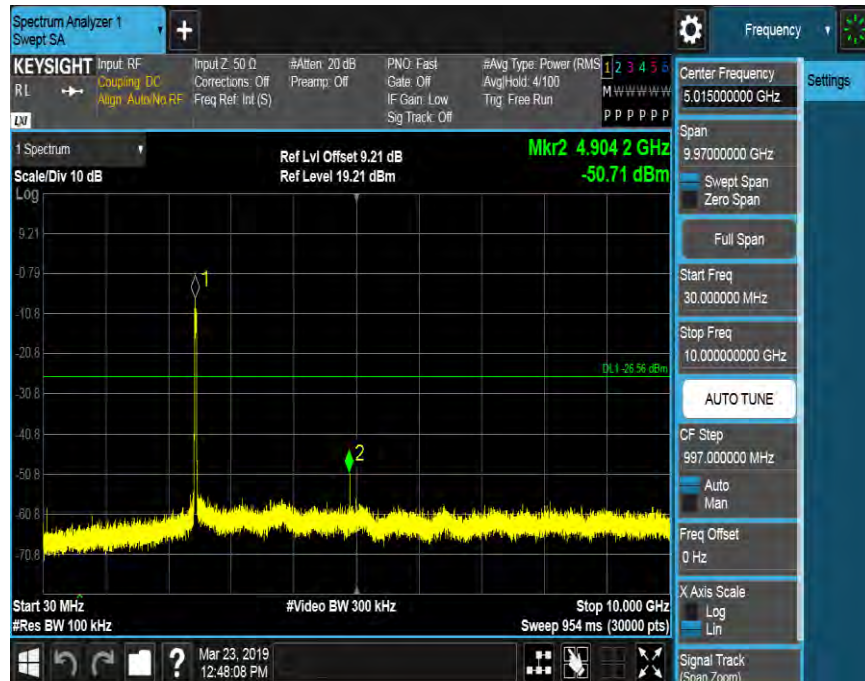


### HIGH CH BANDEDGE





### HIGH CH SPURIOUS EMISSIONS









## 9. RADIATED TEST RESULTS

### LIMITS

Please refer to CFR 47 FCC §15.205 and §15.209

Please refer to ISED RSS-GEN Clause 8.9 (Transmitter)

Radiation Disturbance Test Limit for FCC (Class B)(9KHz-1GHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.



Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

IC Restricted bands please refer to ISED RSS-GEN Clause 8.10

FCC Restricted bands of operation:

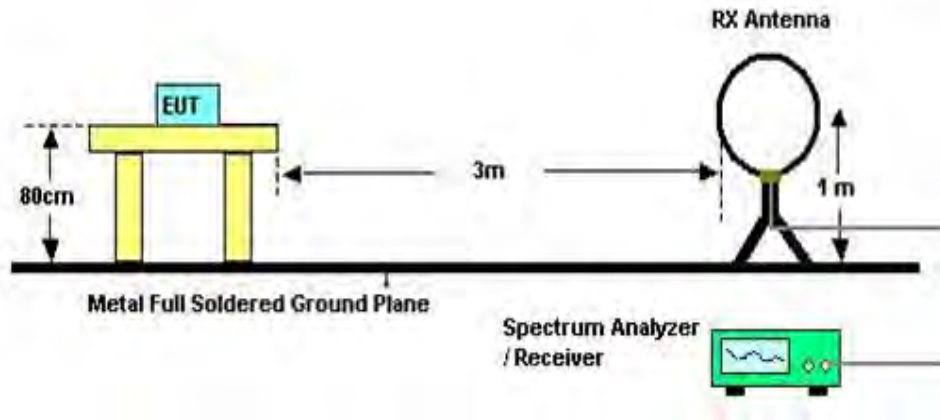
MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
<sup>1</sup> 0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	( <sup>2</sup> )
13.36-13.41			

Note: <sup>1</sup>Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.

<sup>2</sup>Above 38.6c

**TEST SETUP AND PROCEDURE**

Below 30MHz



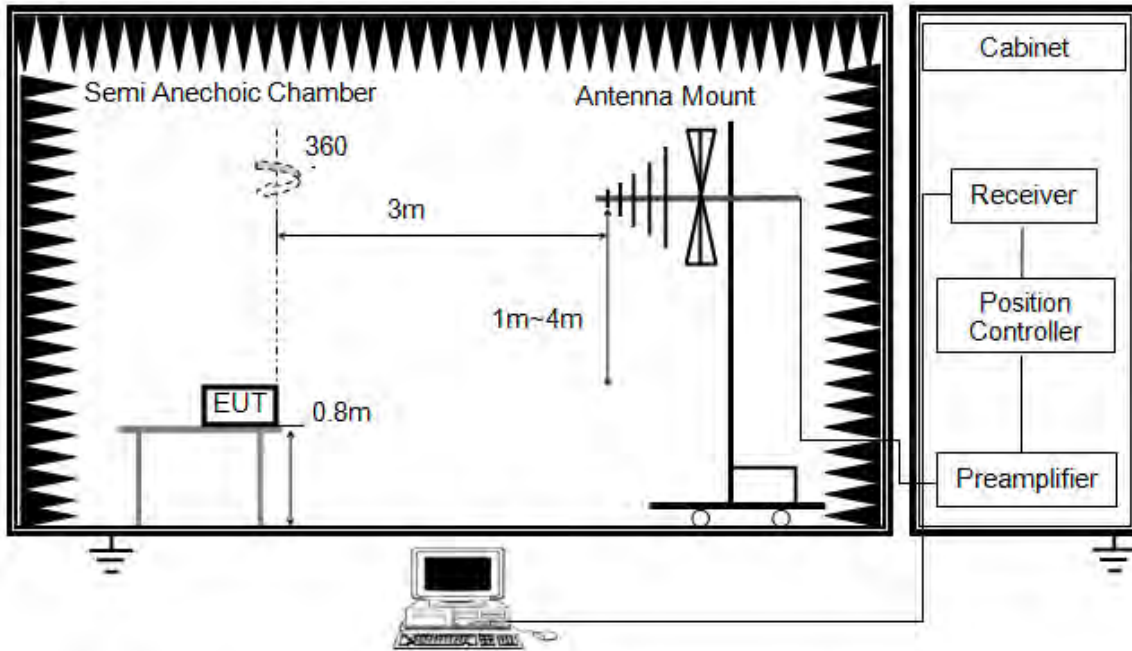
The setting of the spectrum analyser

RBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
VBW	200Hz (From 9kHz to 0.15MHz)/ 9KHz (From 0.15MHz to 30MHz)
Sweep	Auto
Detector	Peak/QP/ Average
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013
2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. 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.
6. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.



Below 1G

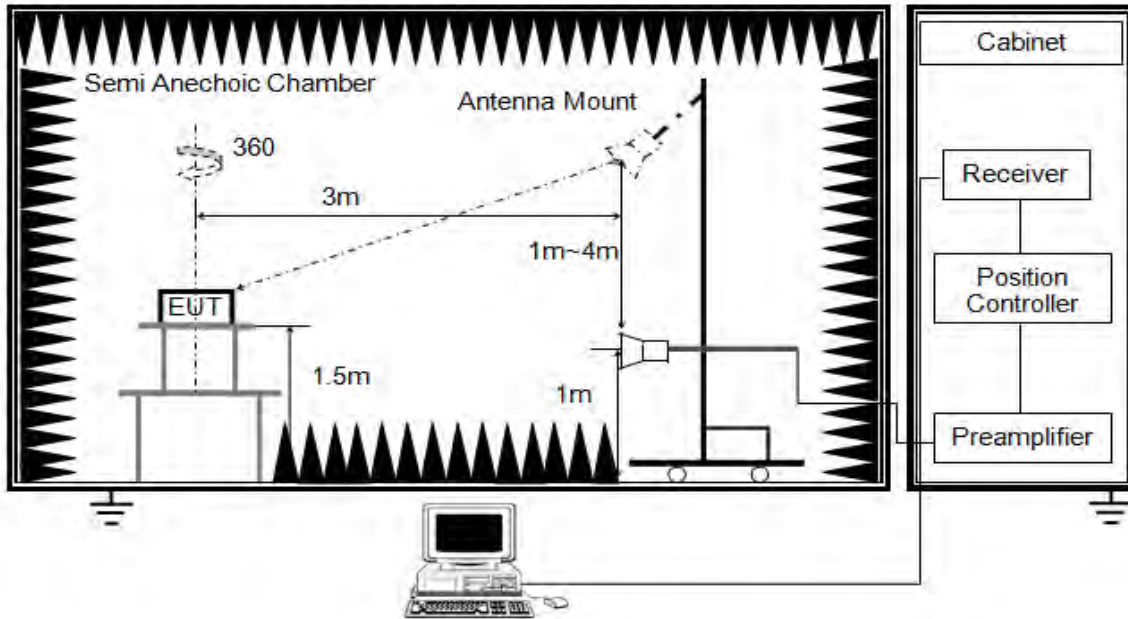


The setting of the spectrum analyser

RBW	120K
VBW	300K
Sweep	Auto
Detector	Peak/QP
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 0.8 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. 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.

ABOVE 1G

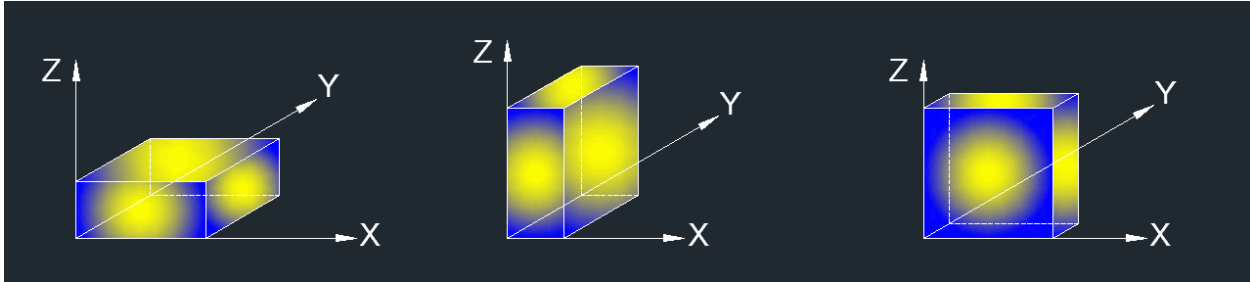


The setting of the spectrum analyser

RBW	1M
VBW	PEAK: 3M AVG: see note 6
Sweep	Auto
Detector	Peak
Trace	Max hold

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 8.1.ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note : For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

**TEST ENVIRONMENT**

Temperature	20°C	Relative Humidity	56%
Atmosphere Pressure	101kPa	Test Voltage	DC 5.0V



## 9.1. RESTRICTED BANDEDGE

Test Result Table

Test Mode	Test Antenna	Channel	Puw(dBm)	Verdict
11B	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11G	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N20	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS
11N40	Antenna 1	LCH	<Limit	PASS
		MCH	<Limit	PASS
		HCH	<Limit	PASS

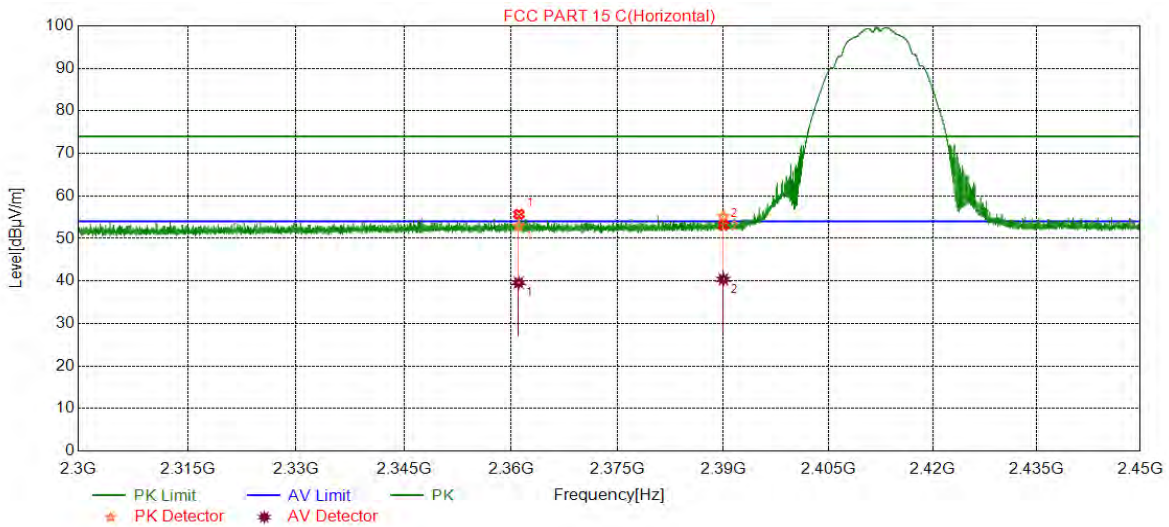




### 9.1.1. 802.11b MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

#### PEAK



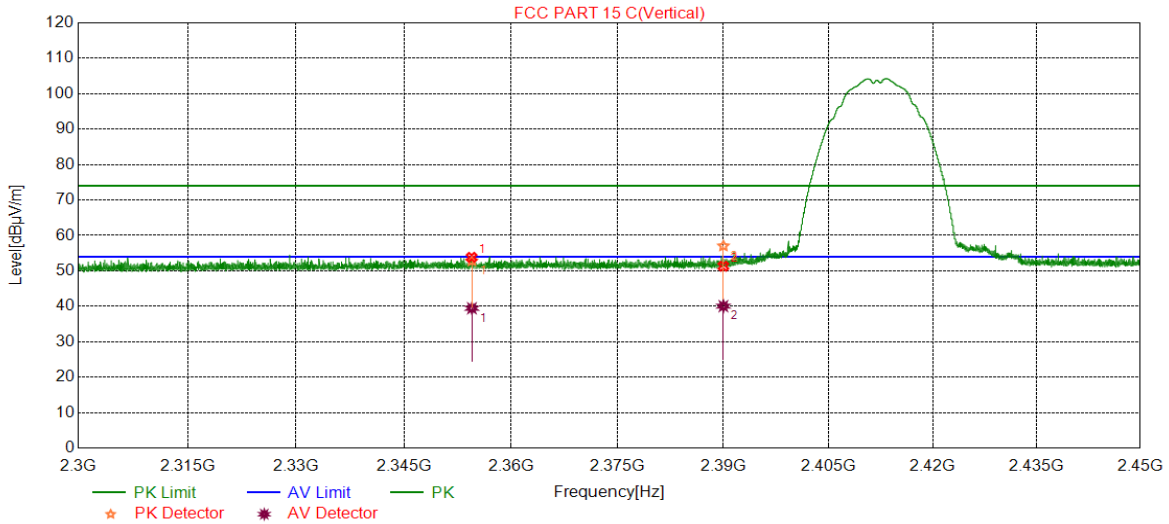
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2361.0449	39.45	13.50	52.95	74.00	-21.05	peak
		26.10	13.50	39.60	54.00	-14.40	average
2	2390.0000	41.56	13.59	55.15	74.00	-18.85	peak
		26.80	13.59	40.39	54.00	-13.61	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**

**PEAK**

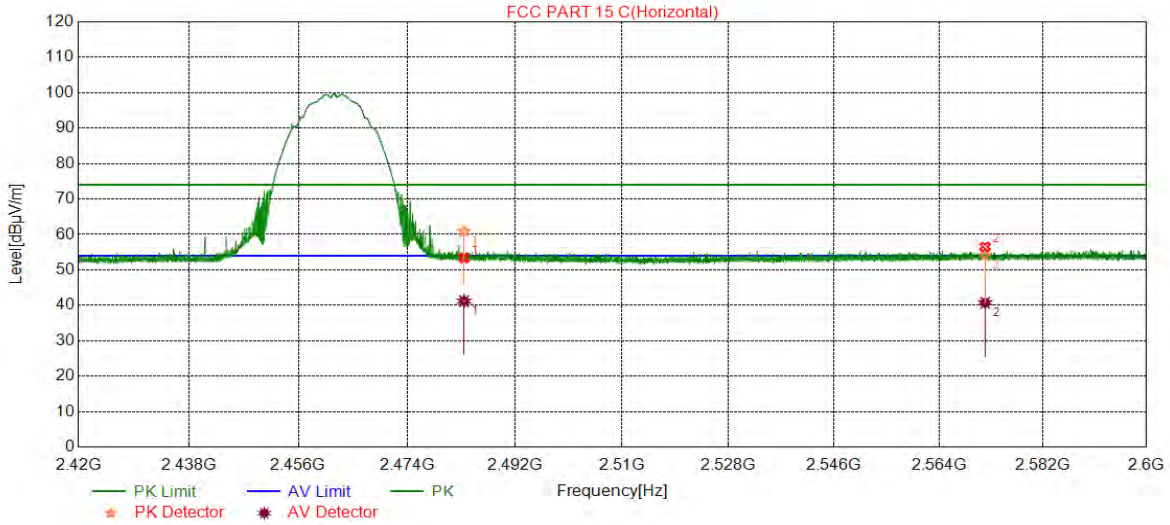


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2351.9837	39.89	13.43	53.32	74.00	-20.68	peak
		26.48	13.43	39.91	54.00	-14.09	average
2	2390.0000	43.89	13.59	57.48	74.00	-16.52	peak
		26.64	13.59	40.23	54.00	-13.77	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

**RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

**PEAK**



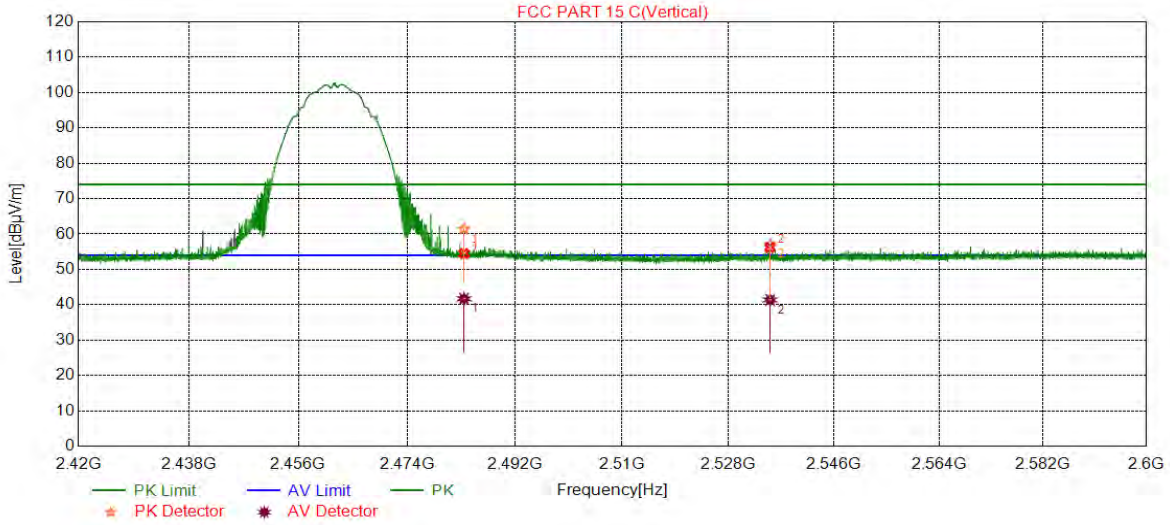
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	47.28	13.61	60.89	74.00	-13.11	peak
		27.56	13.61	41.17	54.00	-12.83	average
2	2571.9623	39.97	14.10	54.07	74.00	-19.93	peak
		26.61	14.10	40.71	54.00	-13.29	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**

**PEAK**



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	47.80	13.61	61.41	74.00	-12.59	peak
		28.08	13.61	41.69	54.00	-12.31	average
2	2535.0777	42.97	14.10	57.07	74.00	-16.93	peak
		27.24	14.10	41.34	54.00	-12.66	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

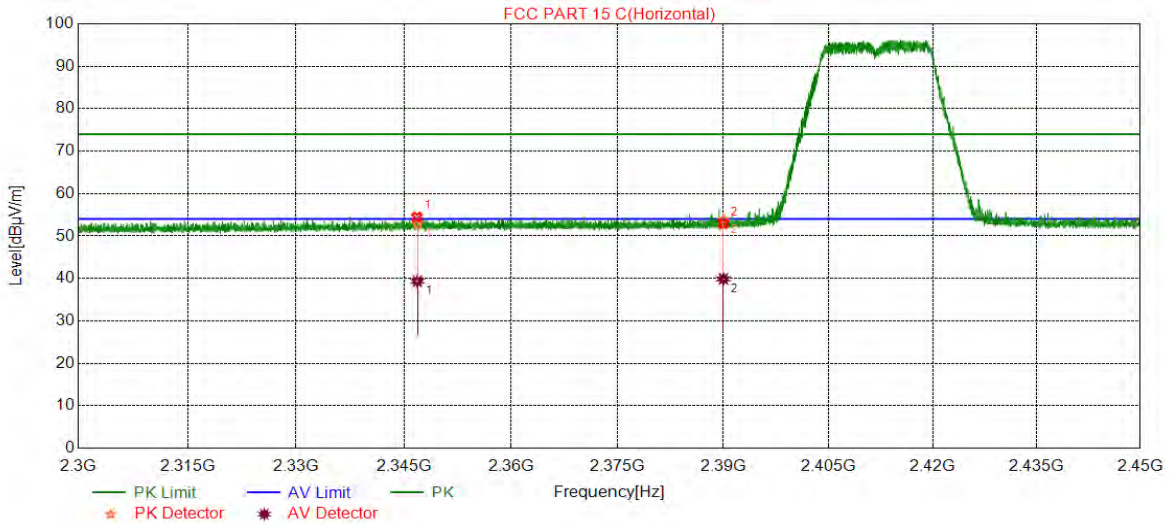




### 9.1.2. 802.11g MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

#### PEAK



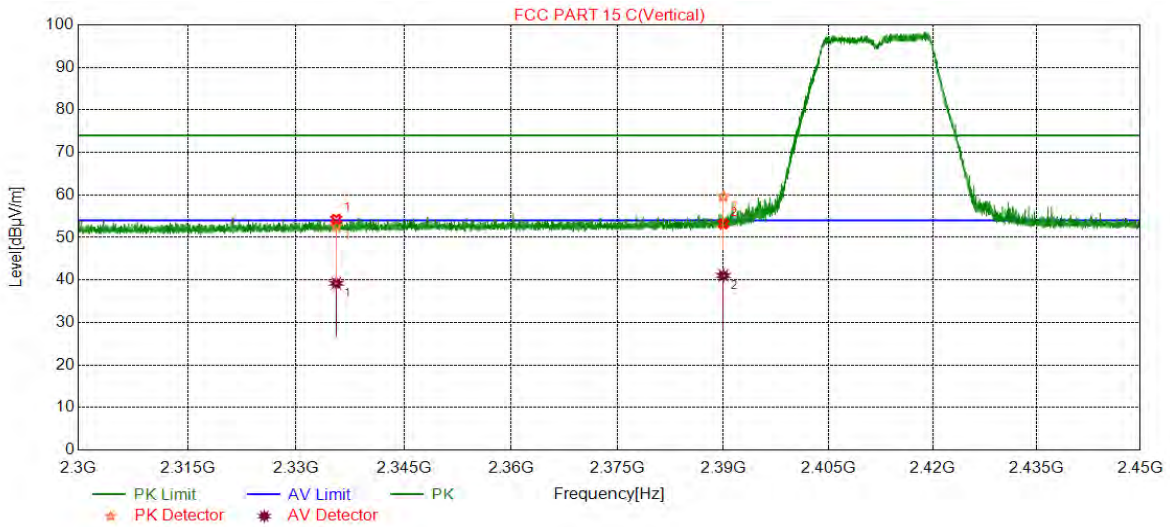
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2346.8692	39.43	13.41	52.84	74.00	-21.16	peak
		25.92	13.41	39.33	54.00	-14.67	average
2	2390.0000	40.23	13.59	53.82	74.00	-20.18	peak
		26.31	13.59	39.90	54.00	-14.10	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**

**PEAK**



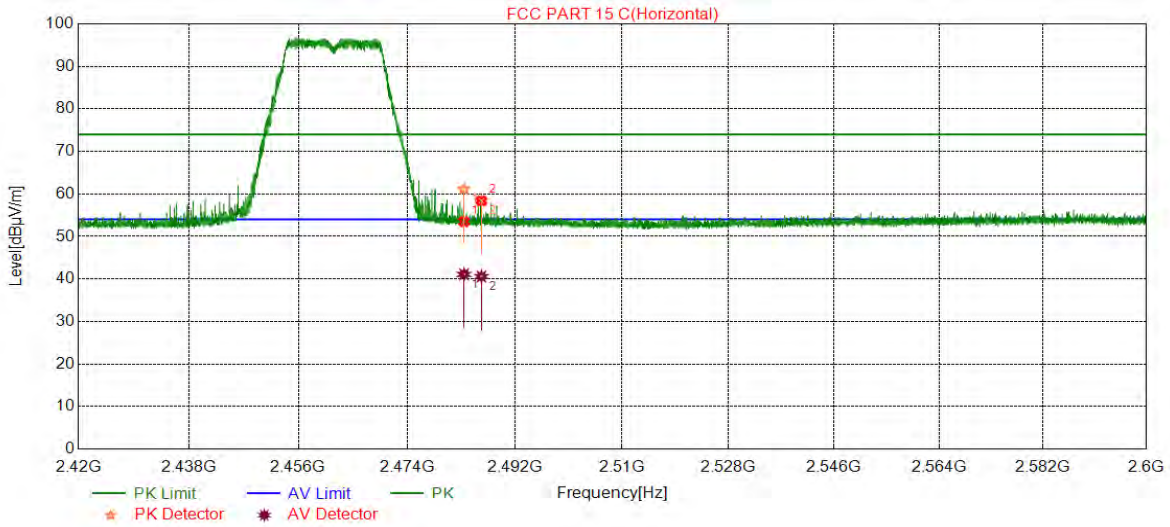
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2335.5612	39.47	13.16	52.63	74.00	-21.37	peak
		26.05	13.16	39.21	54.00	-14.79	average
2	2390.0000	46.02	13.59	59.61	74.00	-14.39	peak
		27.46	13.59	41.05	54.00	-12.95	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

**PEAK**

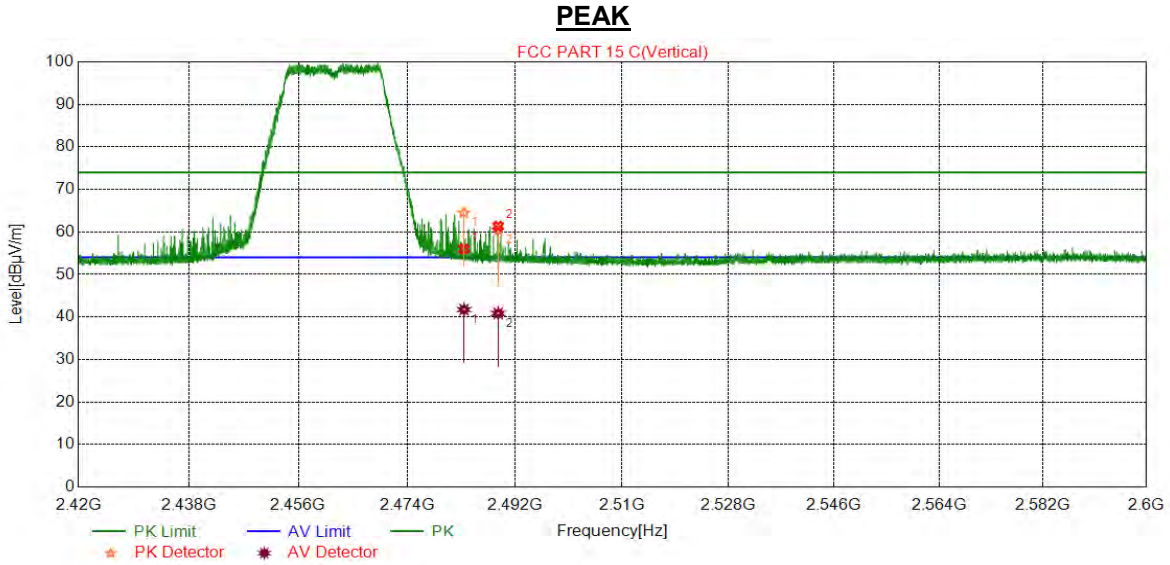


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	47.50	13.61	61.11	74.00	-12.89	peak
		27.46	13.61	41.07	54.00	-12.93	average
2	2486.4062	44.67	13.62	58.29	74.00	-15.71	peak
		26.94	13.62	40.56	54.00	-13.44	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	50.88	13.61	64.49	74.00	-9.51	peak
		28.12	13.61	41.73	54.00	-12.27	average
2	2489.1979	46.75	13.70	60.45	74.00	-13.55	peak
		27.13	13.70	40.83	54.00	-13.17	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

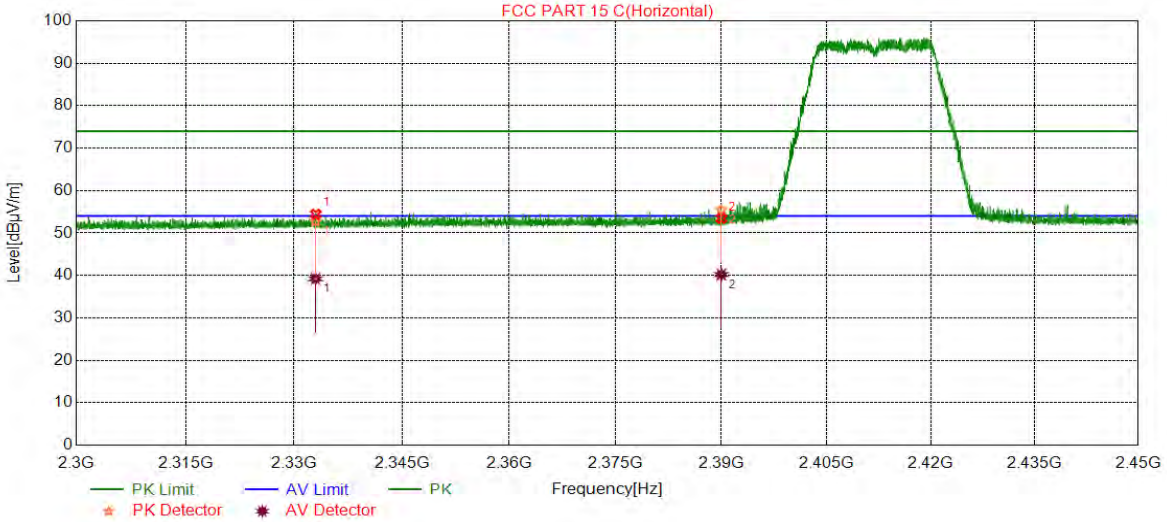




### 9.1.3. 802.11n HT20 MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

#### PEAK

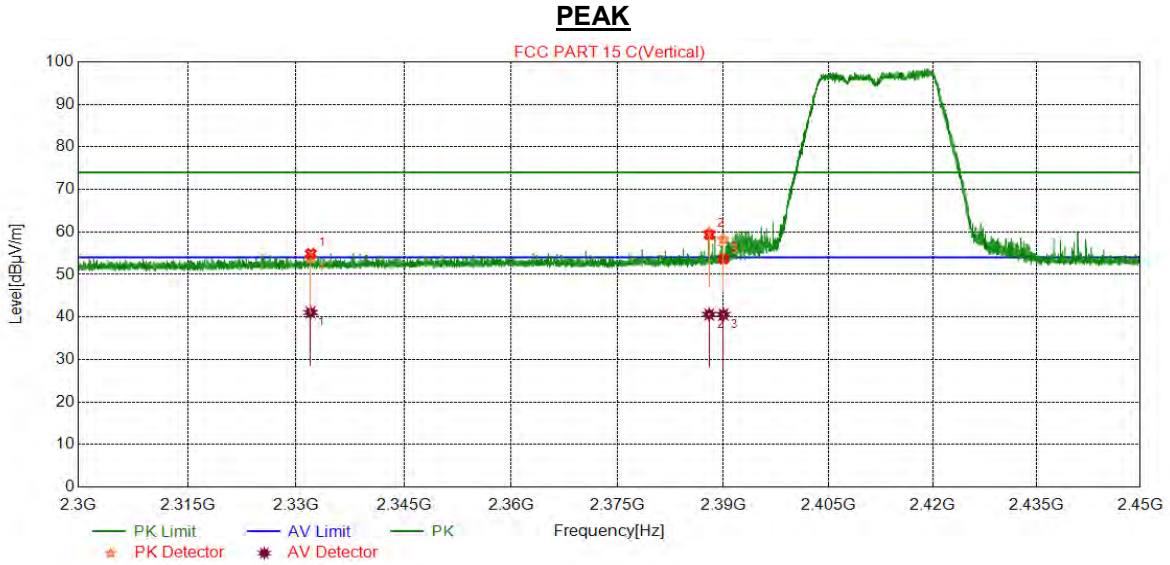


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2332.9749	39.61	13.12	52.73	74.00	-21.27	peak
		26.08	13.12	39.20	54.00	-14.80	average
2	2390.0000	41.89	13.59	55.48	74.00	-18.52	peak
		26.60	13.59	40.19	54.00	-13.81	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**



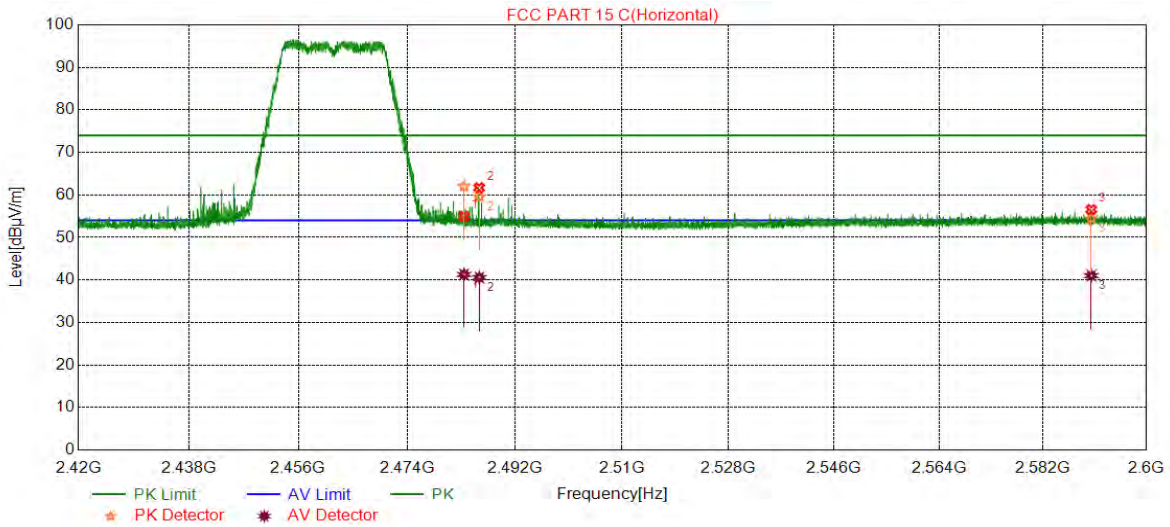
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2331.9872	40.70	13.11	53.81	74.00	-20.19	peak
		27.93	13.11	41.04	54.00	-12.96	average
2	2387.9728	46.24	13.59	59.83	74.00	-14.17	peak
		27.00	13.59	40.59	54.00	-13.41	average
3	2390.0000	44.68	13.59	58.27	74.00	-15.73	peak
		26.99	13.59	40.58	54.00	-13.42	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

**PEAK**



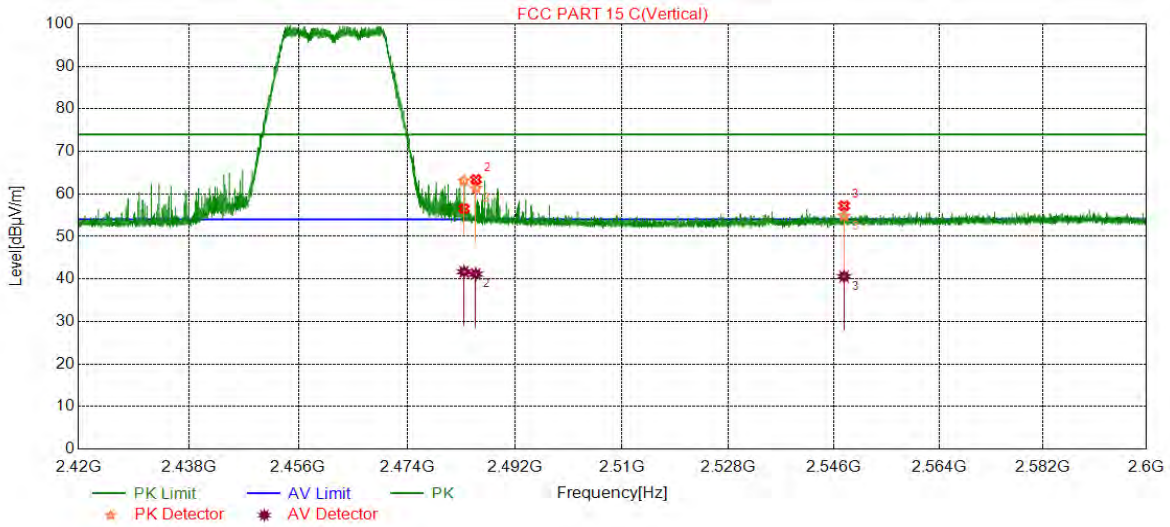
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	48.40	13.61	62.01	74.00	-11.99	peak
		27.67	13.61	41.28	54.00	-12.72	average
2	2486.0592	45.97	13.61	59.58	74.00	-14.42	peak
		26.96	13.61	40.57	54.00	-13.43	average
3	2590.3548	40.02	14.39	54.41	74.00	-19.59	peak
		26.63	14.39	41.02	54.00	-12.98	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**

**PEAK**



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	49.49	13.61	63.10	74.00	-10.90	peak
		28.07	13.61	41.68	54.00	-12.32	average
2	2485.4705	47.76	13.58	61.34	74.00	-12.66	peak
		27.55	13.58	41.13	54.00	-12.87	average
3	2547.6942	40.57	14.20	54.77	74.00	-19.23	peak
		26.37	14.20	40.57	54.00	-13.43	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

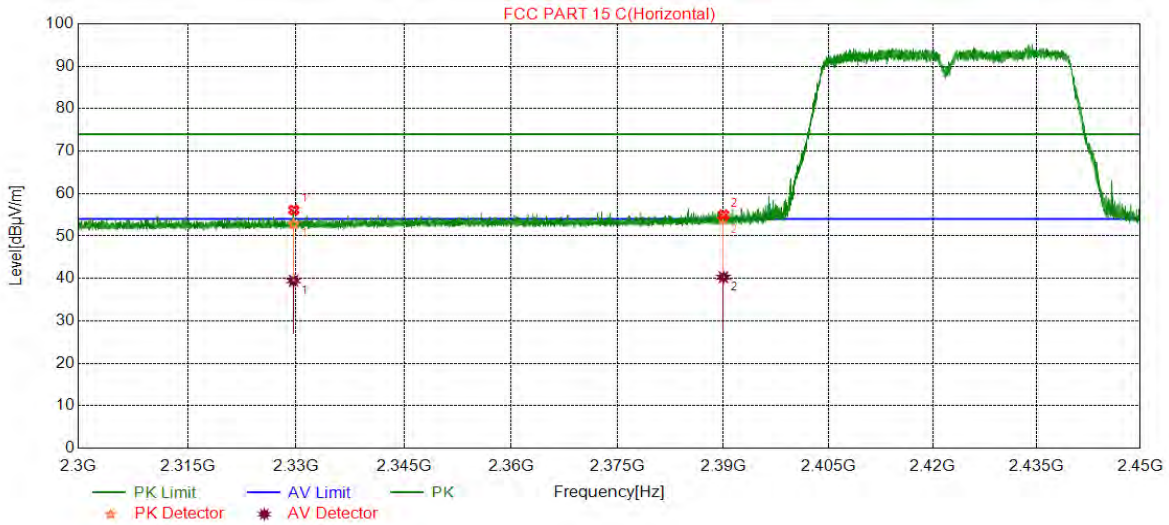




### 9.1.1. 802.11n HT40 MODE

#### RESTRICTED BANDEDGE (LOW CHANNEL, HORIZONTAL)

#### PEAK



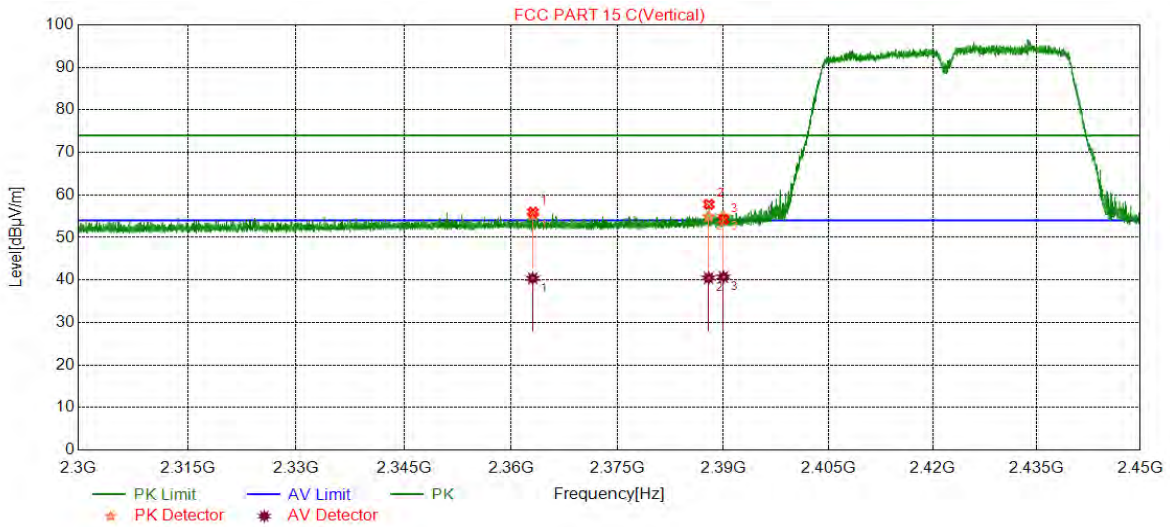
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2329.6486	39.74	13.07	52.81	74.00	-21.19	peak
		26.37	13.07	39.44	54.00	-14.56	average
2	2390.0000	40.30	13.59	53.89	74.00	-20.11	peak
		26.70	13.59	40.29	54.00	-13.71	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)**

**PEAK**



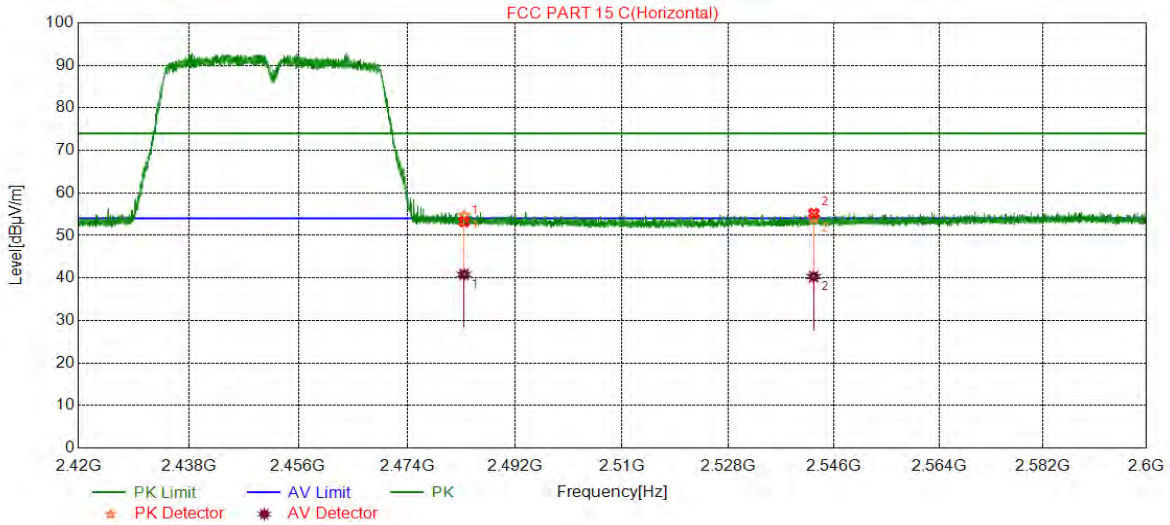
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2363.0399	41.80	13.49	55.29	74.00	-18.71	peak
		26.88	13.49	40.37	54.00	-13.63	average
2	2387.8974	41.28	13.59	54.87	74.00	-19.13	peak
		26.88	13.59	40.47	54.00	-13.53	average
3	2390.0000	41.36	13.59	54.95	74.00	-19.05	peak
		27.10	13.59	40.69	54.00	-13.31	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, HORIZONTAL)**

**PEAK**



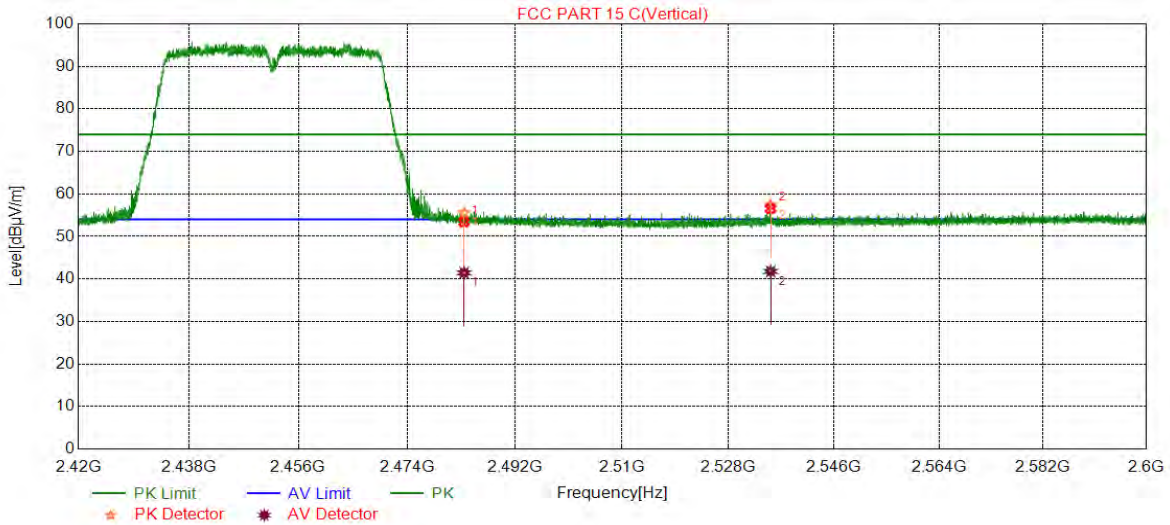
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	41.08	13.61	54.69	74.00	-19.31	peak
		27.23	13.61	40.84	54.00	-13.16	average
2	2542.5020	39.78	14.23	54.01	74.00	-19.99	peak
		26.09	14.23	40.32	54.00	-13.68	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)**

**PEAK**



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2483.5000	41.94	13.61	55.55	74.00	-18.45	peak
		27.82	13.61	41.43	54.00	-12.57	average
2	2535.1689	43.24	14.11	57.35	74.00	-16.65	peak
		27.66	14.11	41.77	54.00	-12.23	average

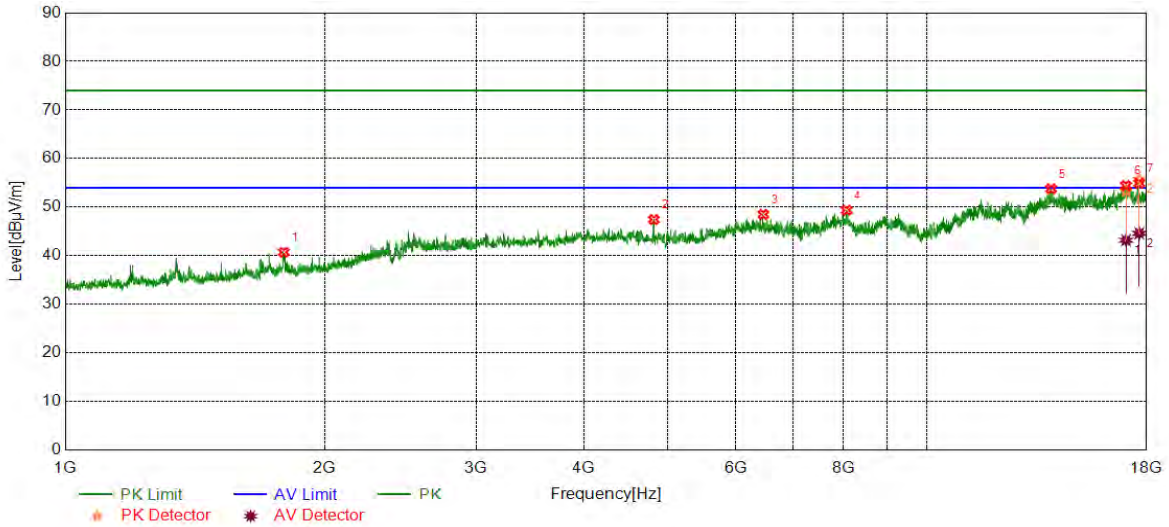
Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
2. Peak: Peak detector.  
3. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



## 9.2. SPURIOUS EMISSIONS 1~18GHz)

### 9.2.1. 802.11b MODE

#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1793.5979	42.31	-1.59	40.72	74.00	-33.28	peak
2	4822.8038	41.26	6.17	47.43	74.00	-26.57	peak
3	6463.0772	38.41	10.09	48.50	74.00	-25.50	peak
4	8073.3456	38.07	11.29	49.36	74.00	-24.64	peak
5	13944.3241	36.37	17.40	53.77	74.00	-20.23	peak
6	17034.8391	33.77	19.49	53.26	74.00	-20.74	peak
		23.70	19.49	43.19	54.00	-10.81	average
7	17649.9417	36.78	18.94	55.72	74.00	-18.28	peak
		25.66	18.94	44.60	54.00	-9.40	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

2. Peak: Peak detector.

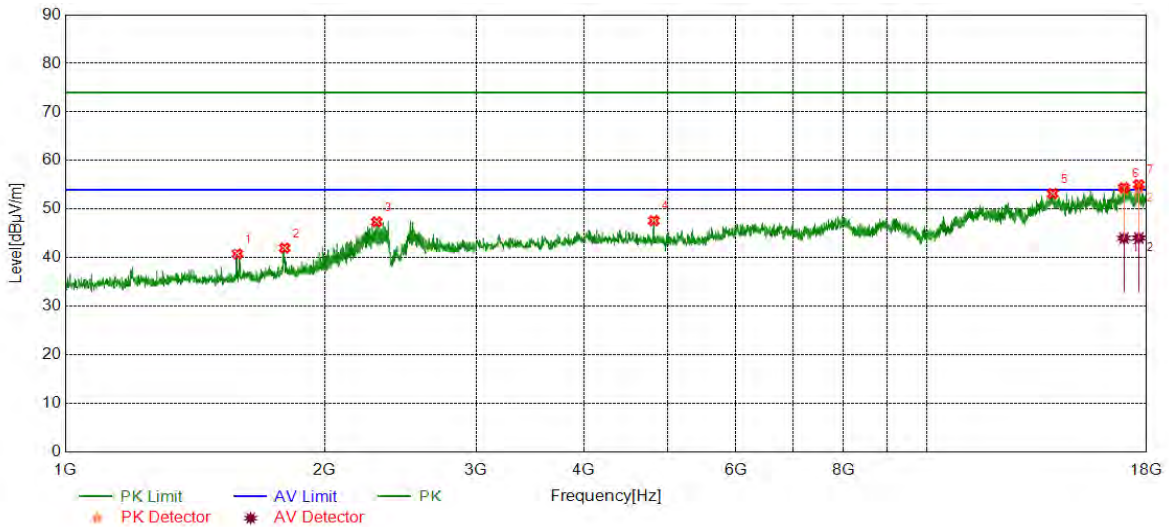
3. The Band Reject filter loss factor already add into the correct factor.

4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**

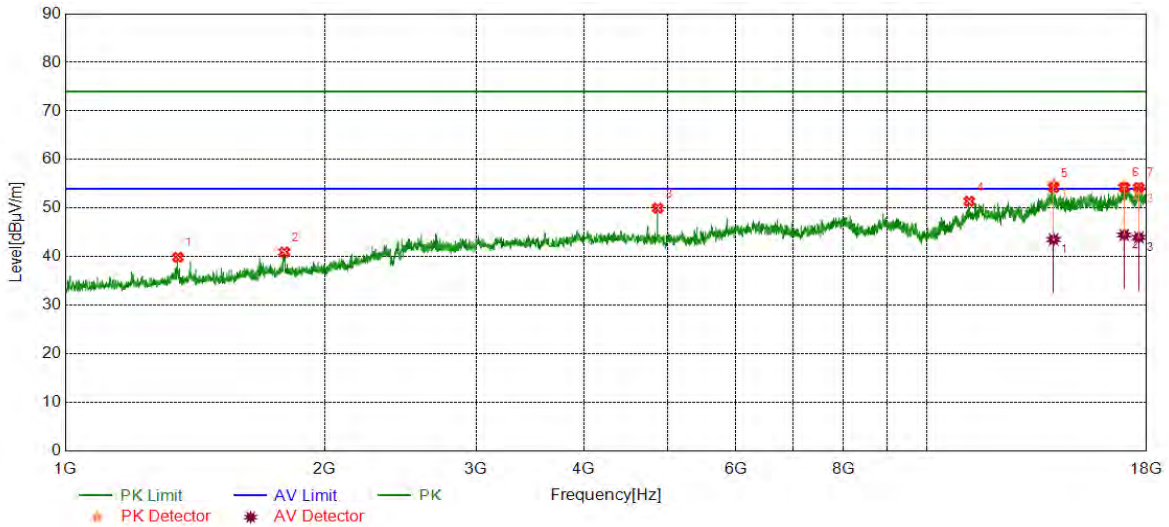


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1584.1947	43.46	-2.66	40.80	74.00	-33.20	peak
2	1797.5992	43.51	-1.52	41.99	74.00	-32.01	peak
3	2299.0997	45.96	1.42	47.38	74.00	-26.62	peak
4	4822.8038	41.46	6.17	47.63	74.00	-26.37	peak
5	14004.3341	35.27	17.95	53.22	74.00	-20.78	peak
6	16942.3237	34.85	19.21	54.06	74.00	-19.94	peak
		24.81	19.21	44.02	54.00	-9.98	average
7	17629.9383	35.27	18.99	54.26	74.00	-19.74	peak
		25.07	18.99	44.06	54.00	-9.94	average

Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)**

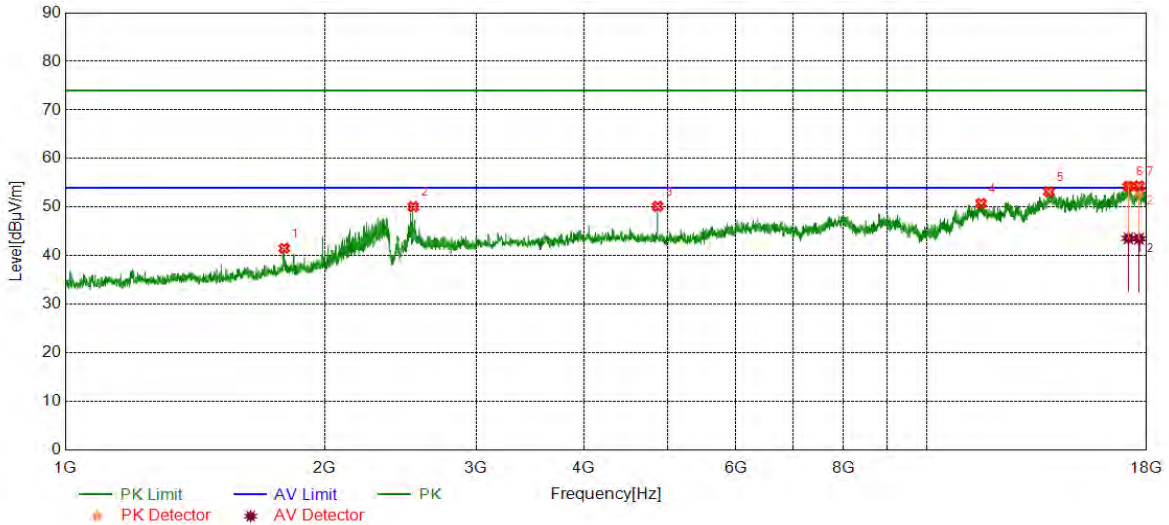


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1351.4505	43.67	-3.78	39.89	74.00	-34.11	peak
2	1796.2654	42.49	-1.54	40.95	74.00	-33.05	peak
3	4872.8121	43.64	6.36	50.00	74.00	-24.00	peak
4	11203.8673	37.37	14.03	51.40	74.00	-22.60	peak
		37.09	17.88	54.97	74.00	-19.03	peak
5	14036.8395	25.67	17.88	43.55	54.00	-10.45	average
		35.07	19.38	54.45	74.00	-19.55	peak
6	16952.3254	25.10	19.38	44.48	54.00	-9.52	average
		34.94	18.99	53.93	74.00	-20.07	peak
7	17629.9383	25.00	18.99	43.99	54.00	-10.01	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)**

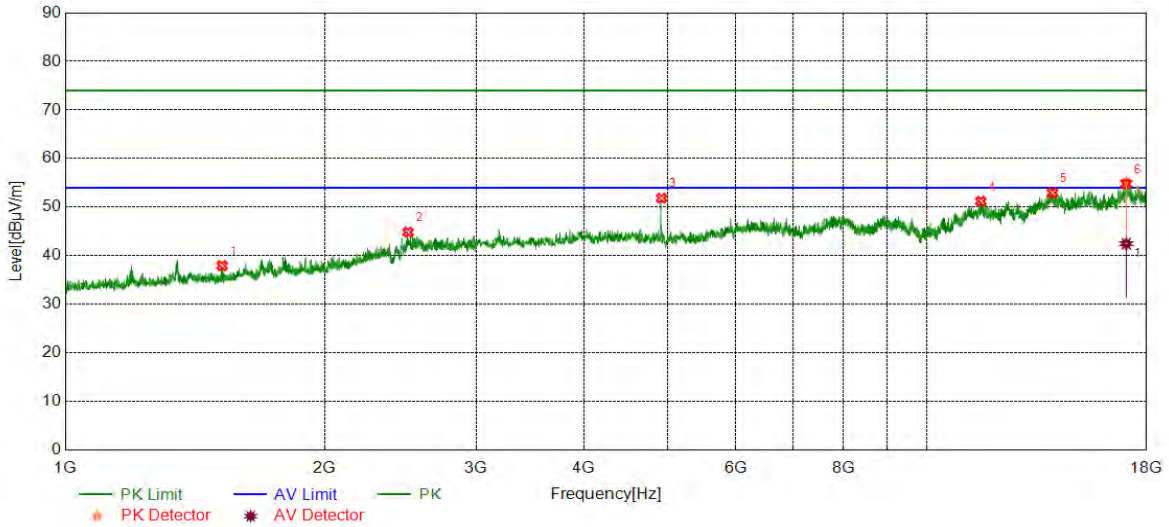


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1795.5985	43.07	-1.55	41.52	74.00	-32.48	peak
2	2535.1784	46.42	3.65	50.07	74.00	-23.93	peak
3	4872.8121	43.80	6.36	50.16	74.00	-23.84	peak
4	11563.9273	35.53	15.24	50.77	74.00	-23.23	peak
5	13861.8103	35.85	17.34	53.19	74.00	-20.81	peak
6	17144.8575	35.38	18.81	54.19	74.00	-19.81	peak
		24.77	18.81	43.58	54.00	-10.42	average
7	17637.4396	34.29	18.97	53.26	74.00	-20.74	peak
		24.52	18.97	43.49	54.00	-10.51	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)**



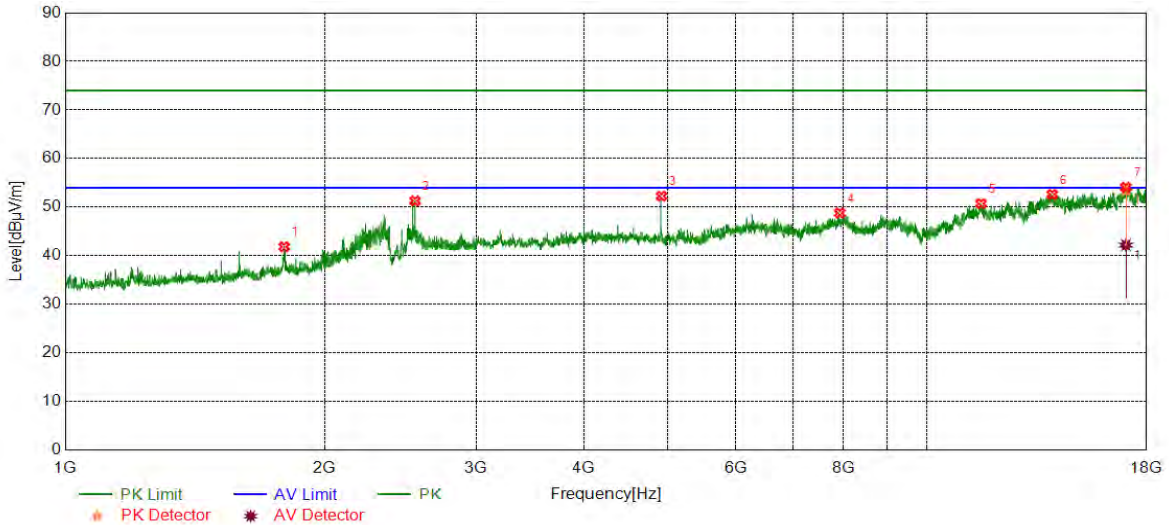
No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1520.8403	41.29	-3.34	37.95	74.00	-36.05	peak
2	2499.8333	41.33	3.52	44.85	74.00	-29.15	peak
3	4922.8205	45.54	6.30	51.84	74.00	-22.16	peak
4	11556.4261	35.91	15.30	51.21	74.00	-22.79	peak
5	13996.8328	35.03	17.92	52.95	74.00	-21.05	peak
6	17044.8408	35.46	19.65	55.11	74.00	-18.89	peak
		22.82	19.65	42.47	54.00	-11.53	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.





**HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)**

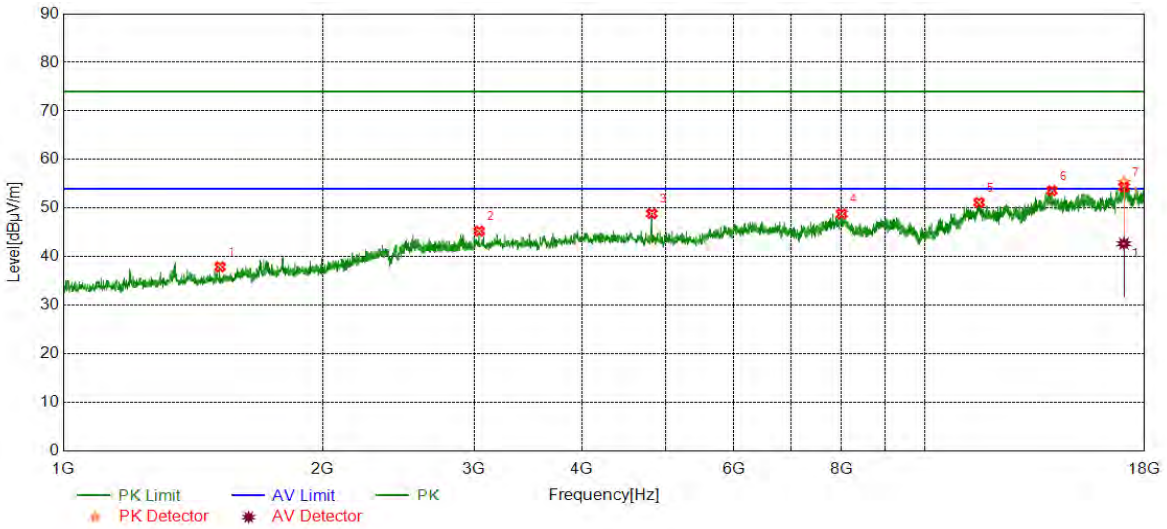


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1794.9316	43.41	-1.57	41.84	74.00	-32.16	peak
2	2547.8493	47.60	3.69	51.29	74.00	-22.71	peak
3	4922.8205	45.95	6.30	52.25	74.00	-21.75	peak
4	7925.8210	37.09	11.71	48.80	74.00	-25.20	peak
5	11563.9273	35.50	15.24	50.74	74.00	-23.26	peak
6	13986.8311	34.82	17.80	52.62	74.00	-21.38	peak
7	17029.8383	33.94	19.41	53.35	74.00	-20.65	peak
		22.77	19.41	42.18	54.00	-11.82	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

### 9.2.2. 802.11g MODE

#### HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)

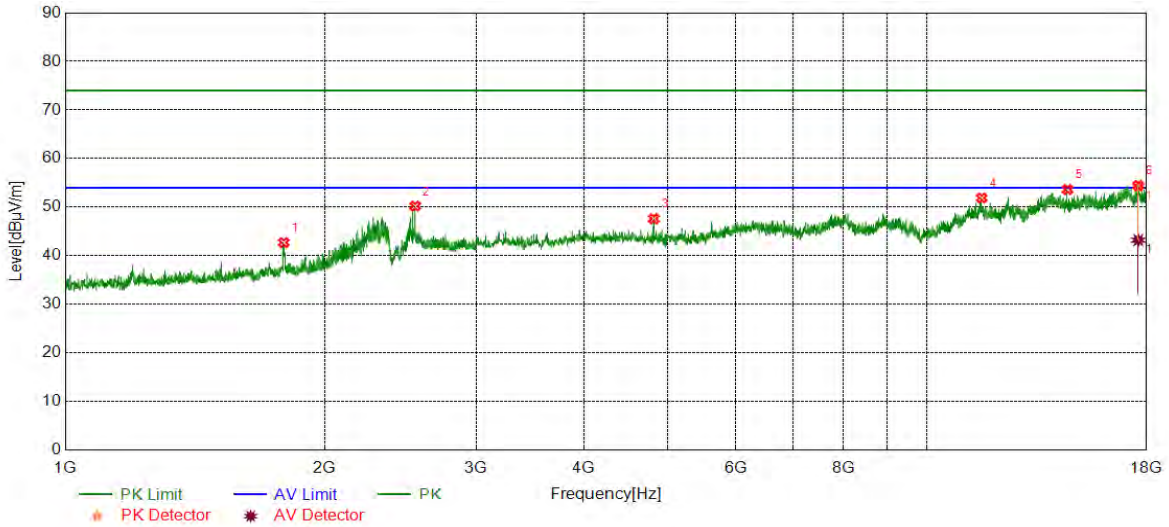


No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1520.8403	41.25	-3.34	37.91	74.00	-36.09	peak
2	3040.0067	40.13	5.14	45.27	74.00	-28.73	peak
3	4822.8038	42.70	6.17	48.87	74.00	-25.13	peak
4	8010.8351	36.87	11.95	48.82	74.00	-25.18	peak
5	11563.9273	35.92	15.24	51.16	74.00	-22.84	peak
6	14046.8411	35.74	17.86	53.60	74.00	-20.40	peak
7	17034.8391	35.83	19.49	55.32	74.00	-18.68	peak
		23.18	19.49	42.67	54.00	-11.33	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.



**HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)**



No.	Frequency (MHz)	Reading Level (dBuV/m)	Correct Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1793.5979	44.30	-1.59	42.71	74.00	-31.29	peak
2	2548.5162	46.52	3.69	50.21	74.00	-23.79	peak
3	4822.8038	41.45	6.17	47.62	74.00	-26.38	peak
4	11583.9307	36.80	15.09	51.89	74.00	-22.11	peak
5	14571.9287	36.83	16.81	53.64	74.00	-20.36	peak
6	17602.4337	35.2	19.05	54.25	74.00	-19.75	peak
		24.16	19.05	43.21	54.00	-10.79	average

- Note: 1. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.  
 2. Peak: Peak detector.  
 3. The Band Reject filter loss factor already add into the correct factor.  
 4. Proper operation of the transmitter prior to adding the filter to the measurement chain.  
 5. Only the worst case emission was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.