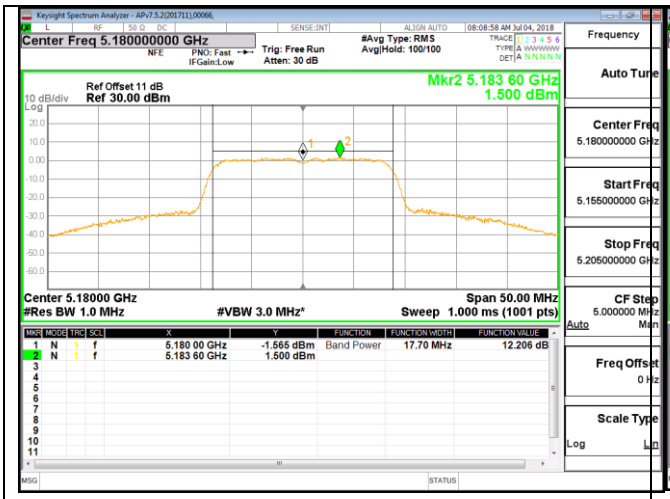
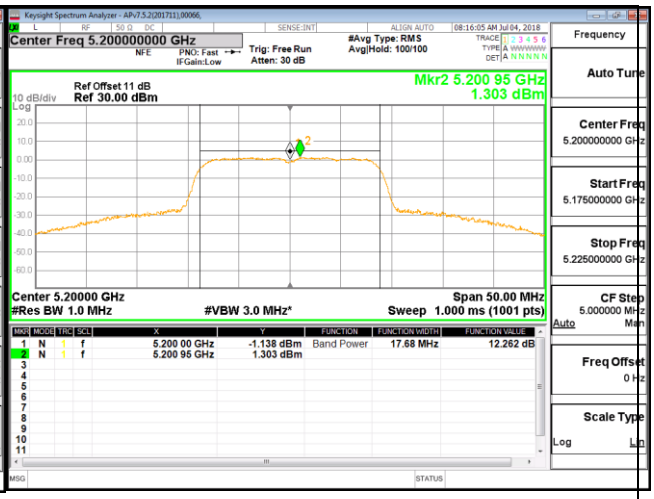
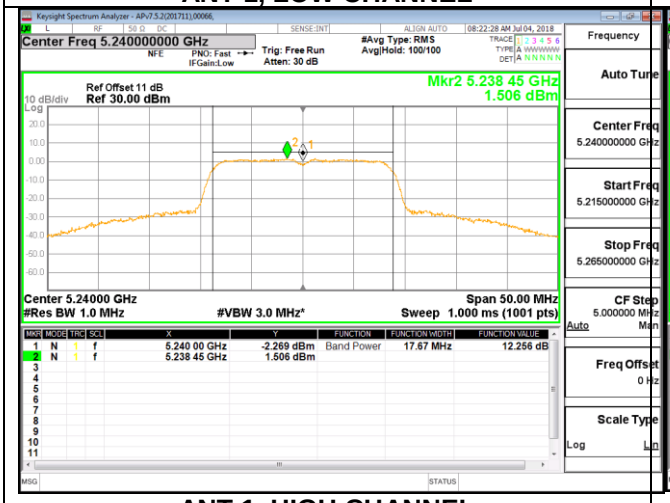


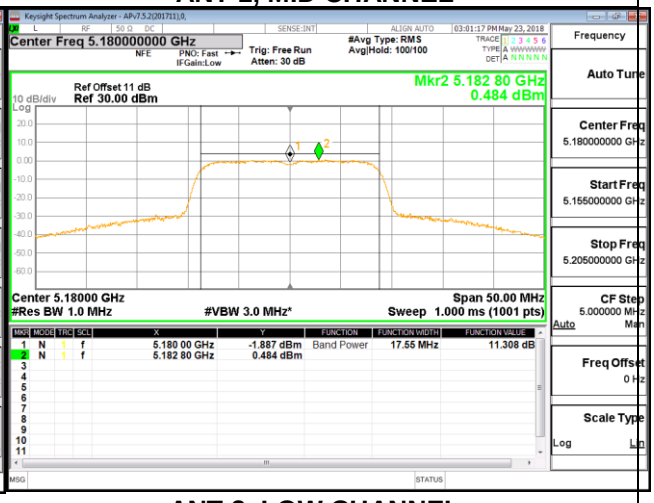
ANT 1, LOW CHANNEL



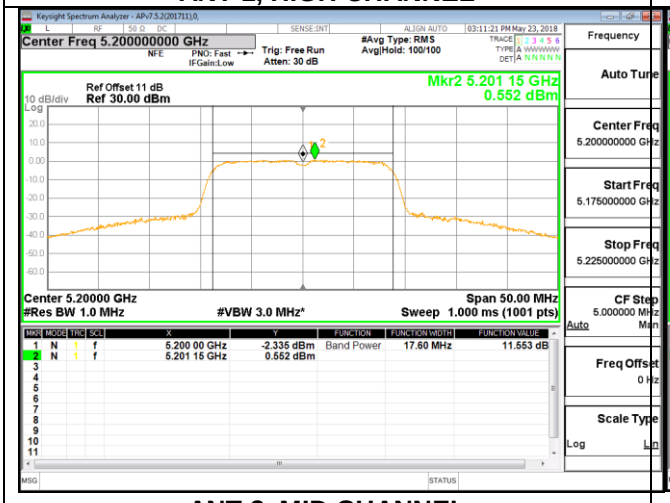
ANT 1, MID CHANNEL



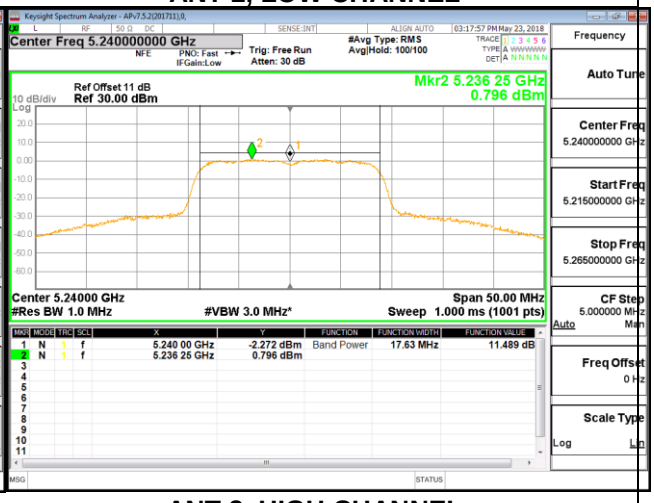
ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



ANT 2, MID CHANNEL



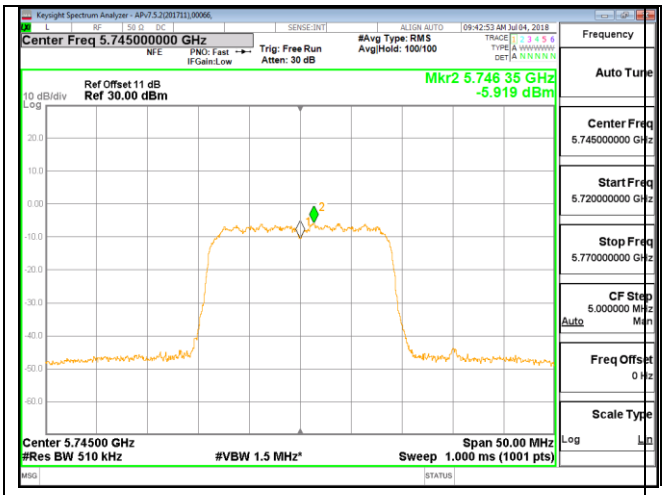
ANT 2, HIGH CHANNEL

6.4.1.2. UNII-3 BAND

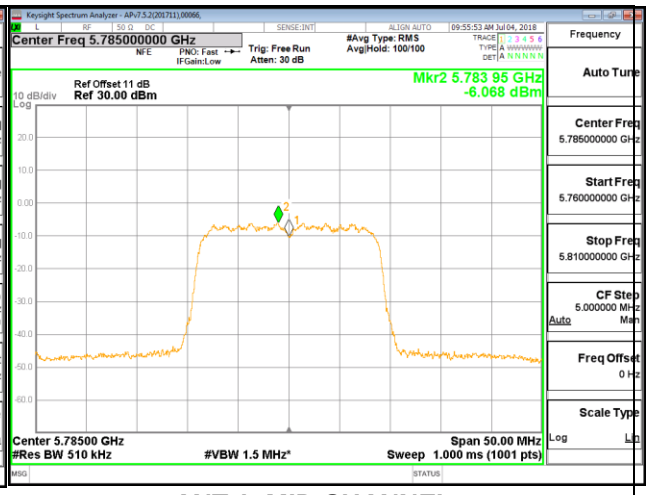
Test Channel	Frequency (MHz)	ANTENNA	Meas. Level (dBm/500KHz)		FCC Limit (dBm/500KHz)	IC Limit (dBm/500KHz)
			Single	PSD		
Low	5745	1	-5.919	-5.009	30	30
		2	-4.768	-3.858		
Middle	5785	1	-6.068	-5.158		
		2	-5.226	-4.316		
High	5825	1	-6.092	-5.182		
		2	-5.845	-4.935		

Duty Cycle CF (dB)	0.91

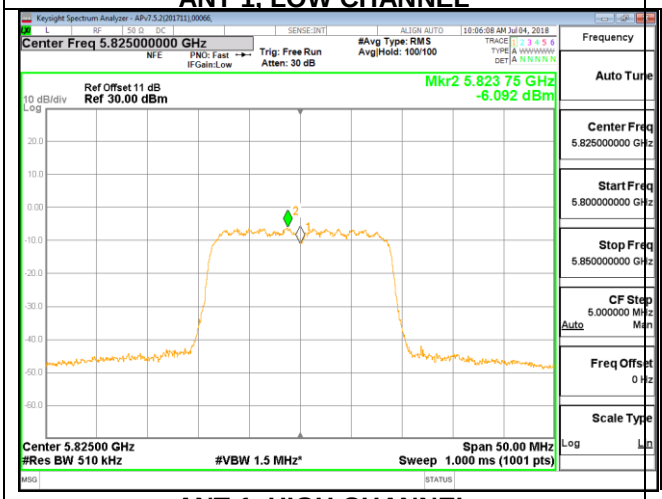
Note: 1.PSD=Meas. Level+ Correction Factor
2. About correction Factor please refer to section 6.1



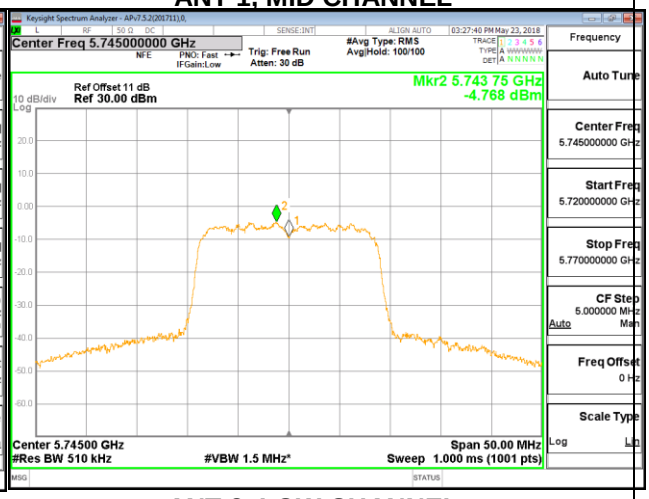
ANT 1, LOW CHANNEL



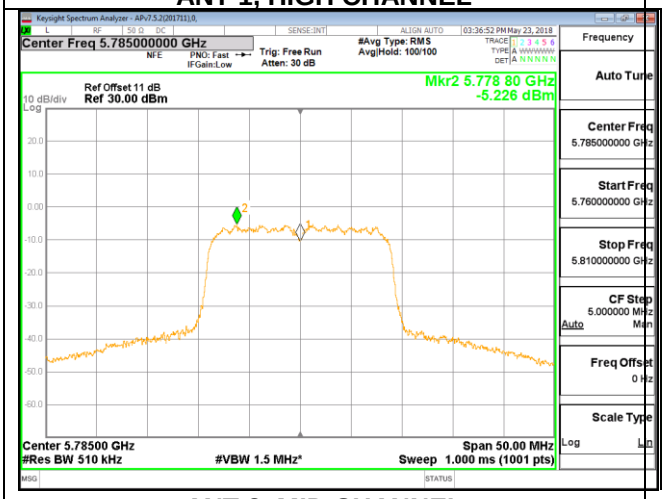
ANT 1, MID CHANNEL



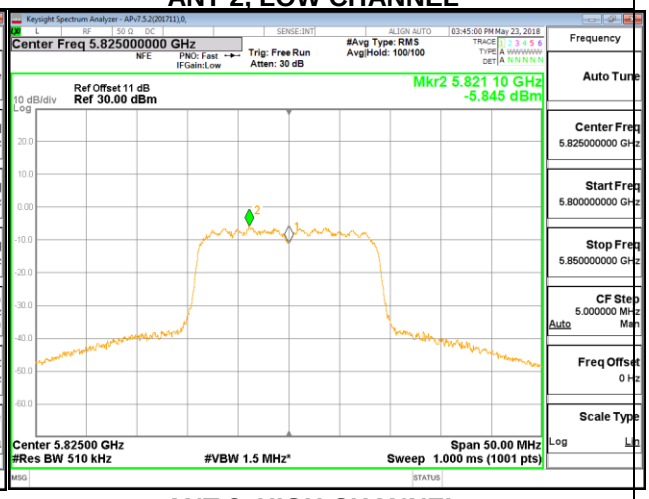
ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



ANT 2, MID CHANNEL



ANT 2, HIGH CHANNEL

6.4.2. 802.11n HT20 MODE

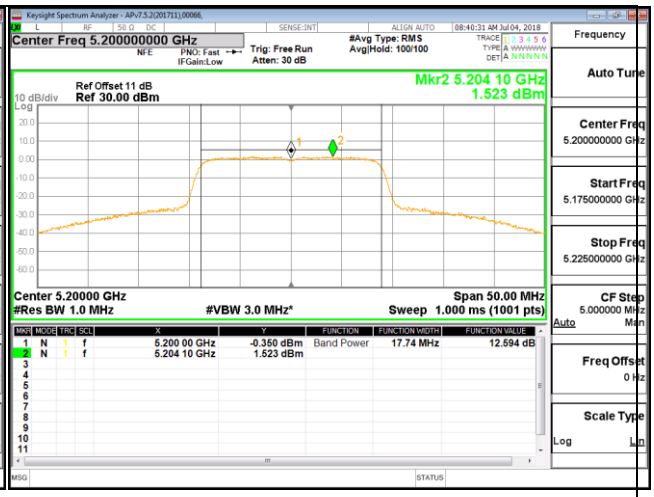
6.4.2.1. UNII-1 BAND

Test Channel	Frequency (MHz)	ANTENNA	Meas. Level (dBm/MHz)		FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)
			Single	PSD		
Low	5180	1	1.344	1.494	10	10
		2	0.434	0.584		
Middle	5200	1	1.523	1.673		
		2	0.707	0.857		
High	5240	1	1.506	1.656		
		2	1.019	1.169		

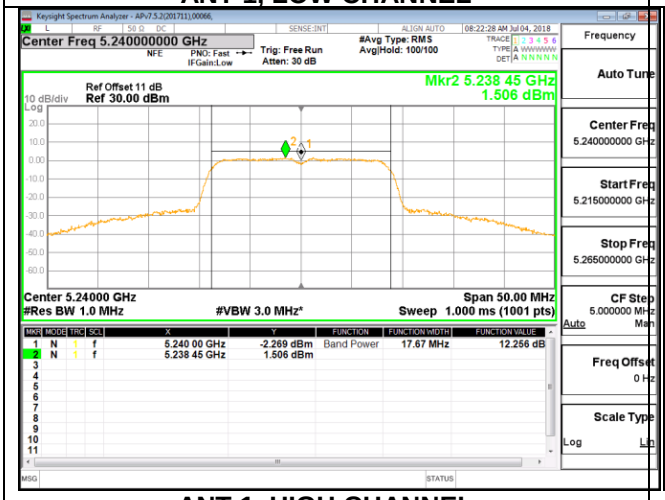
Duty Cycle CF (dB)	0.15

Note: 1.PSD=Meas. Level+ Correction Factor
2. About correction Factor please refer to section 6.1

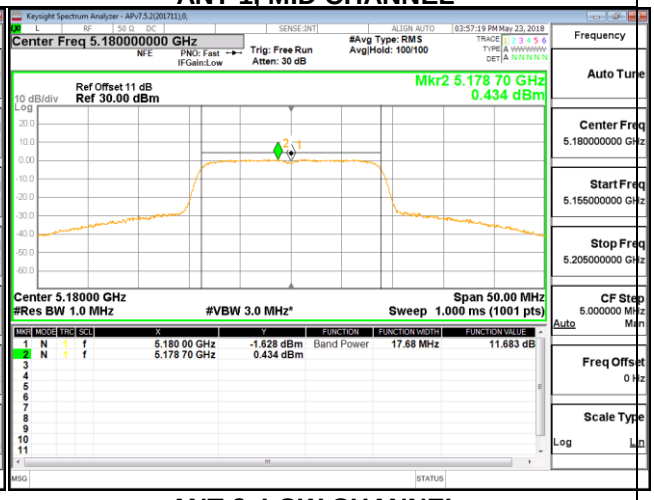
ANT 1, LOW CHANNEL



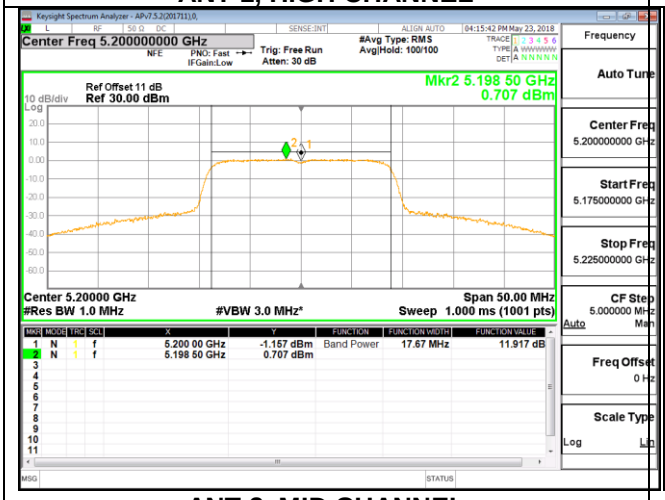
ANT 1, MID CHANNEL



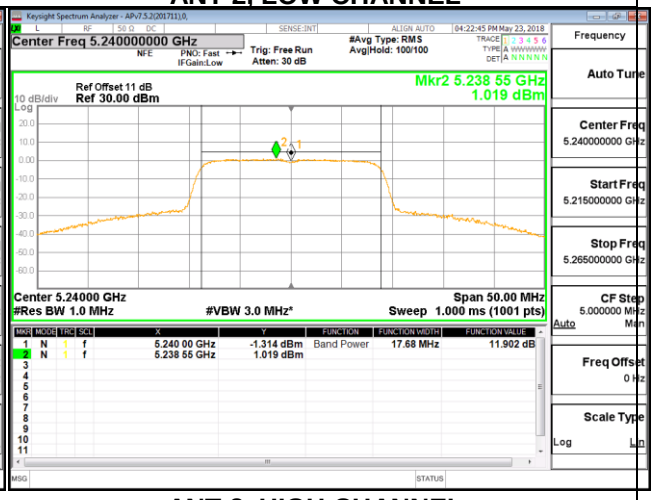
ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



ANT 2, MID CHANNEL



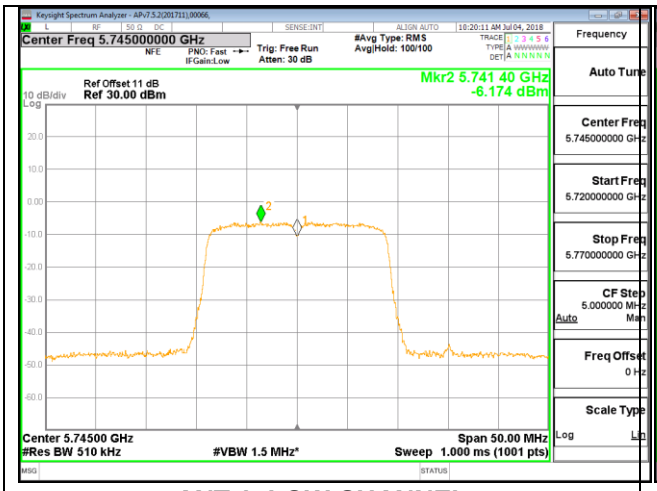
ANT 2, HIGH CHANNEL

6.4.2.2. UNII-3 BAND

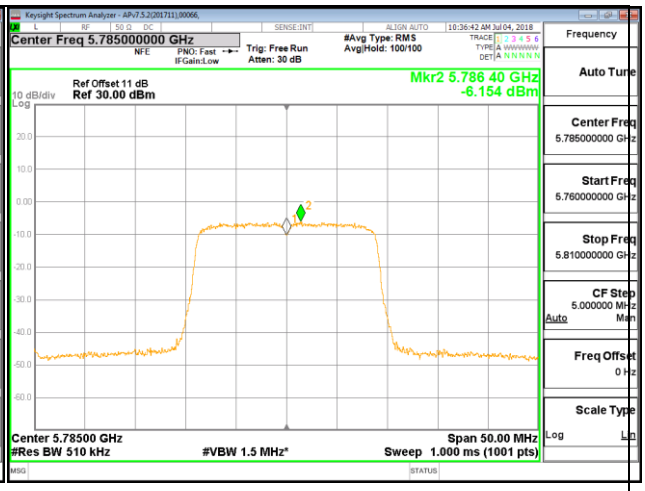
Test Channel	Frequency (MHz)	ANTENNA	Meas. Level (dBm/500KHz)		FCC Limit (dBm/500KHz)	IC Limit (dBm/500KHz)
			Single	Total		
Low	5745	1	-6.174	-6.024	30	30
		2	-5.103	-4.953		
Middle	5785	1	-6.154	-6.004		
		2	-5.303	-5.153		
High	5825	1	-6.582	-6.432		
		2	-5.779	-5.629		

Duty Cycle CF (dB)	0.15

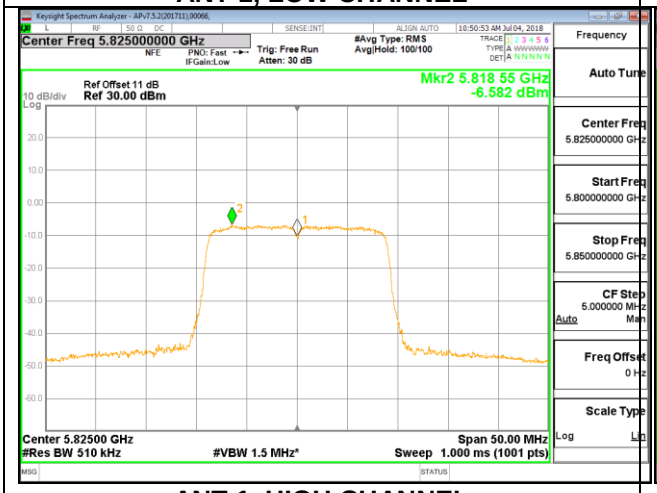
Note: 1.PSD=Meas. Level+ Correction Factor
2. About correction Factor please refer to section 6.1



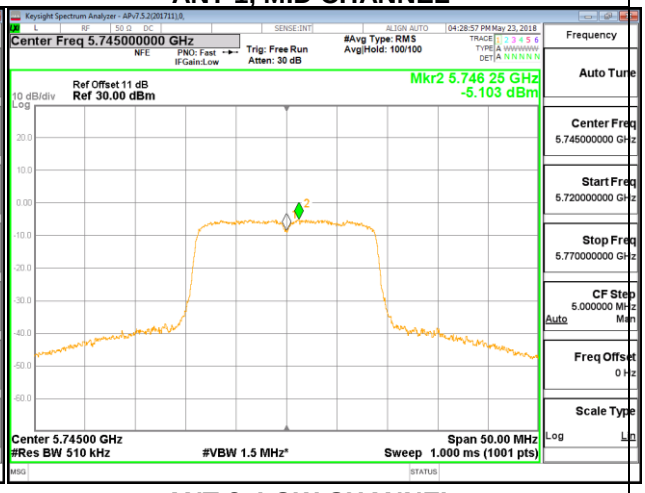
ANT 1, LOW CHANNEL



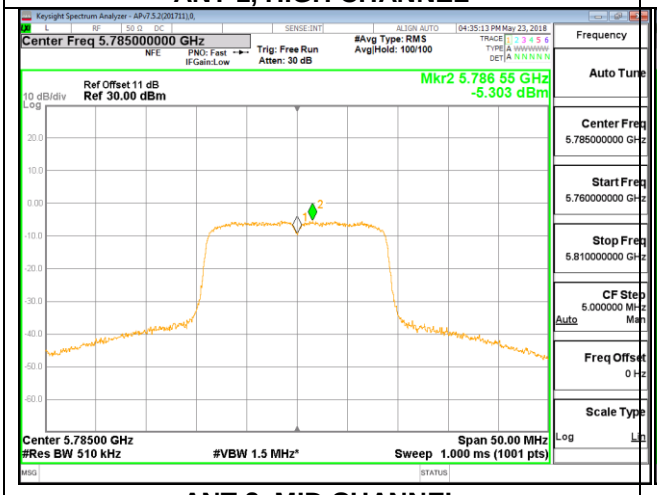
ANT 1, MID CHANNEL



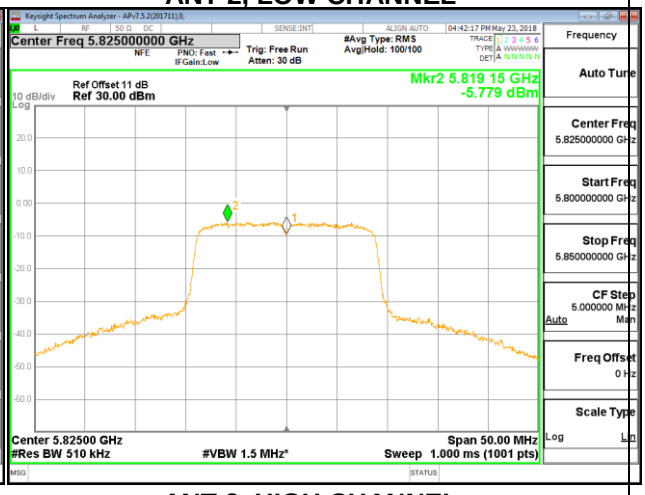
ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



ANT 2, MID CHANNEL



ANT 2, HIGH CHANNEL

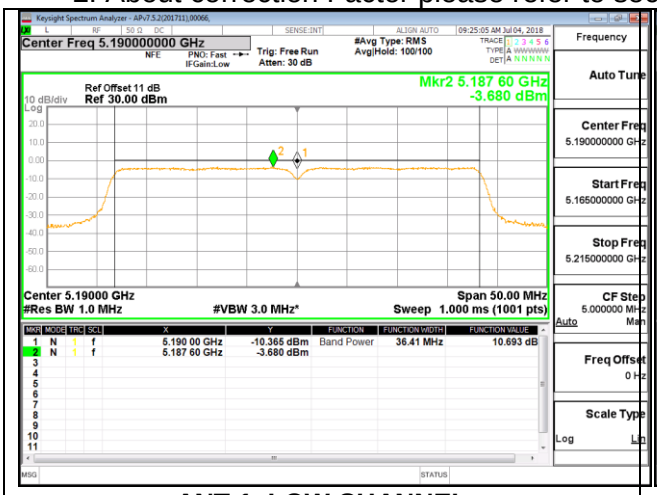
6.4.3. 802.11n HT40 MODE

6.4.3.1. UNII-1 BAND

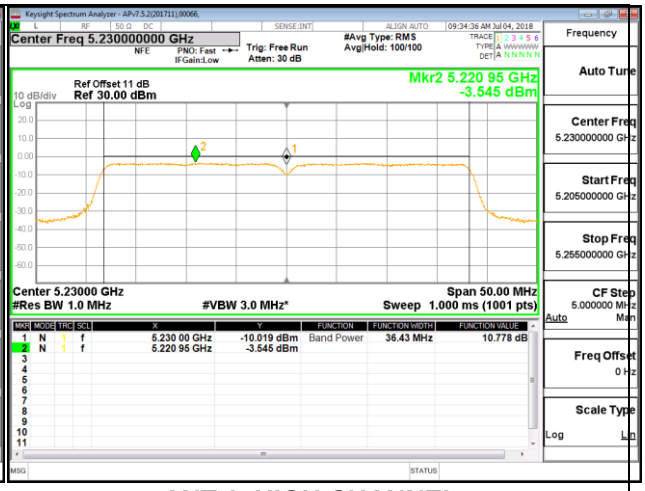
Test Channel	Frequency (MHz)	ANTENNA	Meas. Level (dBm/MHz)		FCC Limit (dBm/MHz)	IC Limit (dBm/MHz)
			Single	Total		
Low	5190	1	-3.680	-3.35	10	10
		2	-2.698	-2.368		
High	5230	1	-3.545	-3.215		
		2	-2.420	-2.090		

Duty Cycle CF (dB)	0.33

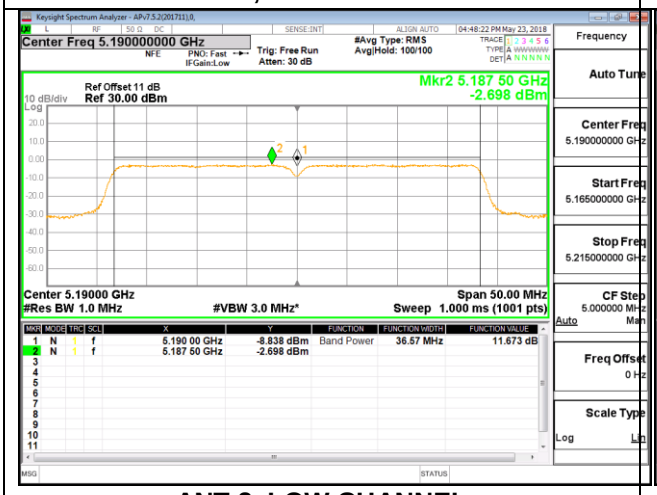
Note: 1.PSD=Meas. Level+ Correction Factor
2. About correction Factor please refer to section 6.1



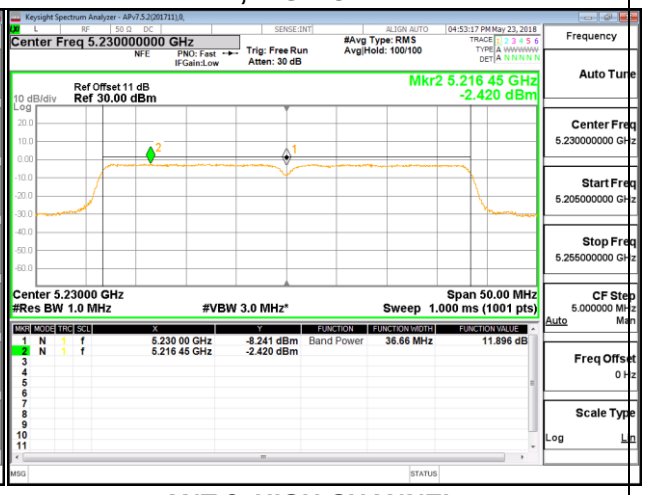
ANT 1, LOW CHANNEL



ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



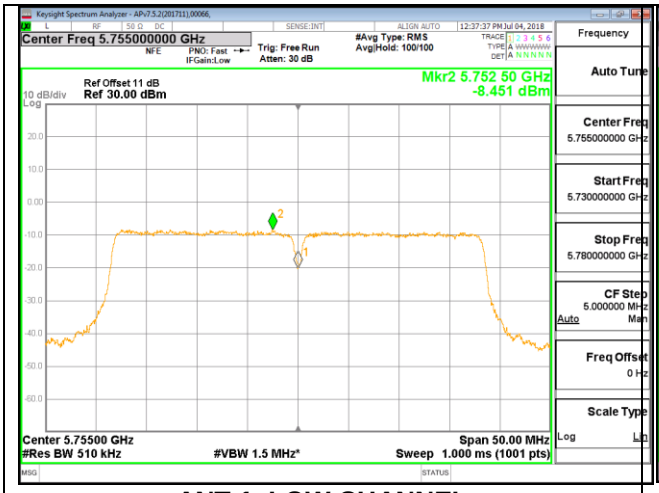
ANT 2, HIGH CHANNEL

6.4.3.2. UNII-3 BAND

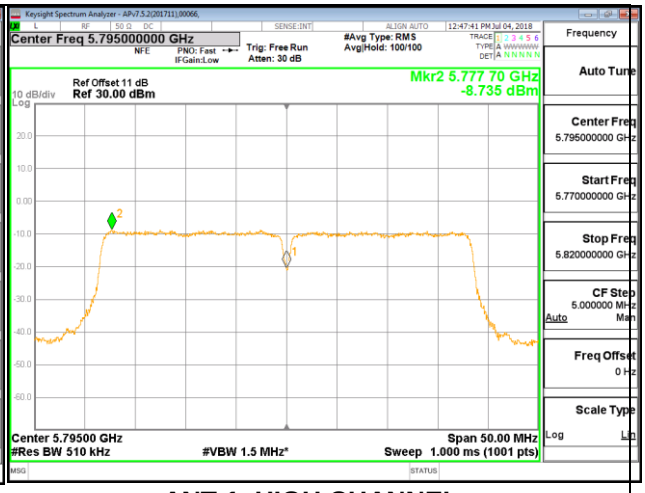
Test Channel	Frequency (MHz)	ANTENNA	Meas. Level (dBm/500KHz)		FCC Limit (dBm/500KHz)	IC Limit (dBm/500KHz)
			Single	Total		
Low	5755	1	-8.451	-8.121	30	30
		2	-8.438	-8.108		
High	5795	1	-8.735	-8.405		
		2	-9.149	-8.819		

Duty Cycle CF (dB)	0.33

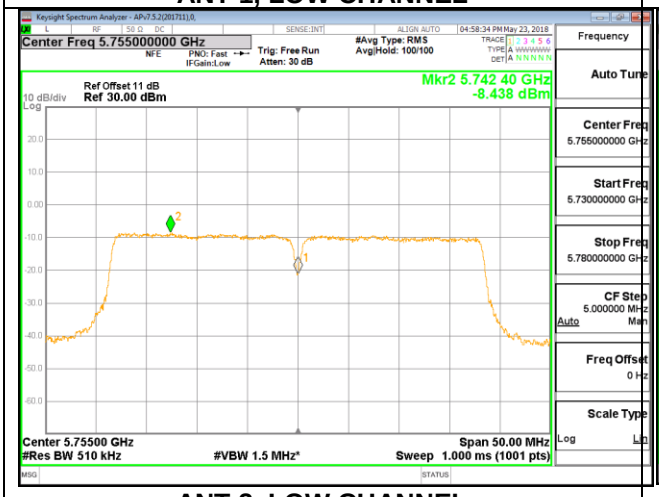
Note: 1.PSD=Meas. Level+ Correction Factor
2. About correction Factor please refer to section 6.1



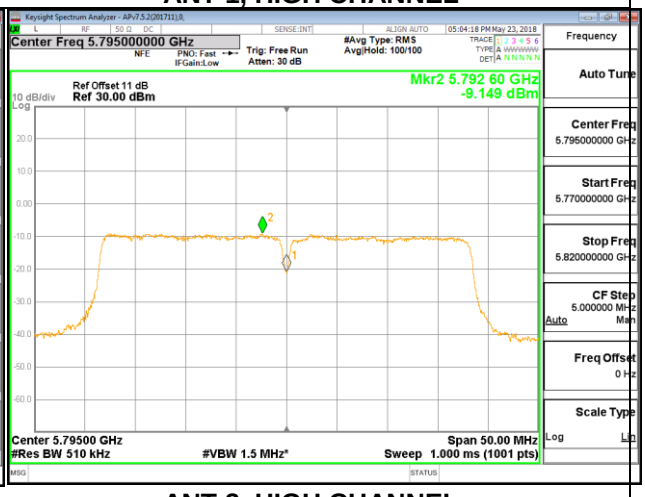
ANT 1, LOW CHANNEL



ANT 1, HIGH CHANNEL



ANT 2, LOW CHANNEL



ANT 2, HIGH CHANNEL

7. RADIATED TEST RESULTS

LIMITS

Please refer to FCC §15.205, §15.209 and §15.407(b) (4)

Please refer to 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.

Radiated emissions which fall in the restricted bands must comply with the radiated emission limits specified as below table.

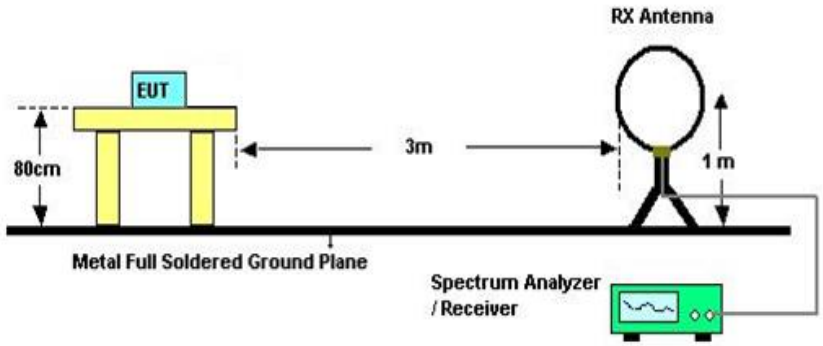
LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1GHz)			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

Limits of unwanted emission out of the restricted bands

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz) 30 - 88	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4
Note: *1 beyond 75 MHz or more above of the band edge. *2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above. *3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above. *4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.		

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.

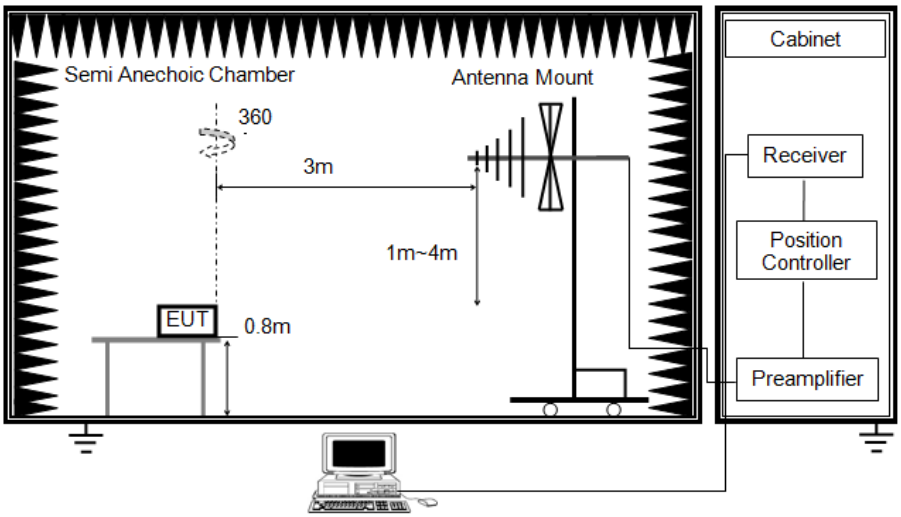
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.

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. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

7. Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 30m open are test 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 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.

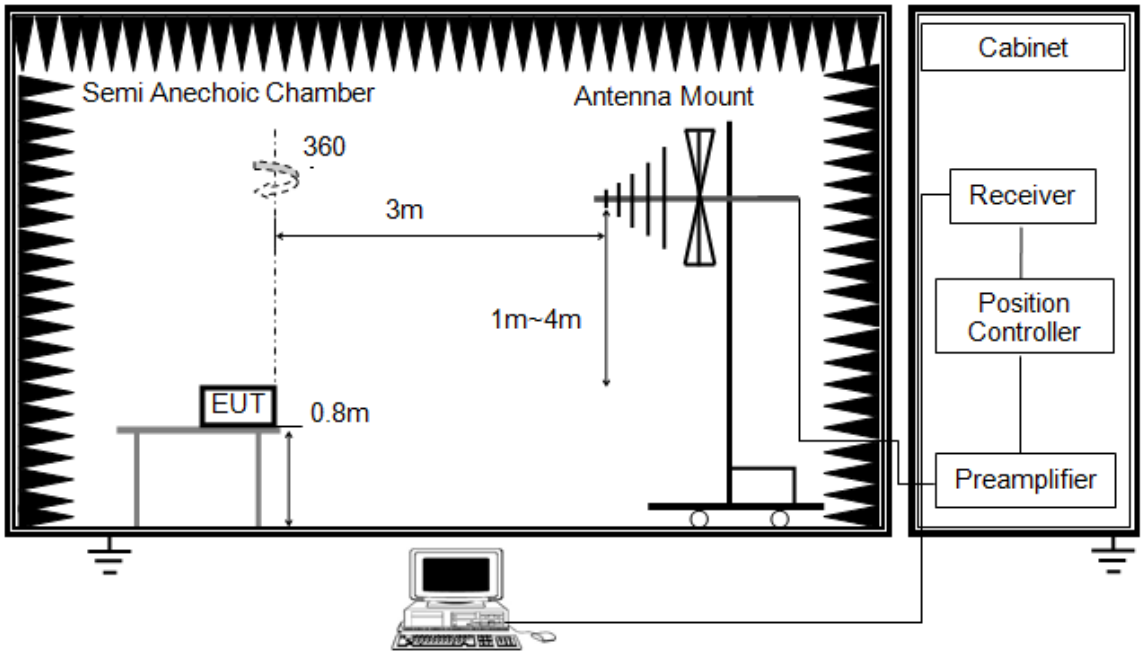
3. The EUT was placed on a turntable with 0.8 meter above ground.

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.

6. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

Below 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 the Duty Cycle please refer to clause 6.1.ON TIME AND DUTY CYCLE.

If that calculated VBW is not available on the analyzer then the next higher value should be used. The following value will be used:

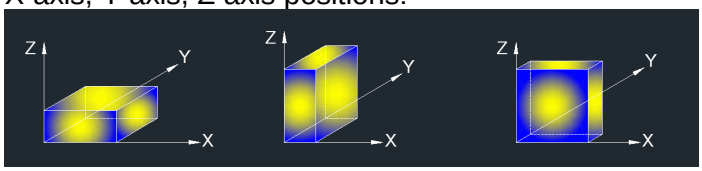
802.11a: 10KHz

802.11n20: 2KHz

802.11n40: 4KHz

7. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis, Z axis positions:



Note 1: 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.

Note 2: All the EUT's emissions had been evaluated for simultaneous transmission with the other WIFI 2.4GHz, WIFI 5GHz,BT and 2.4G transmitter and there were no any additional or worse emissions found.

Note 3: All the antennas had been tested, but only the worst data record in the report

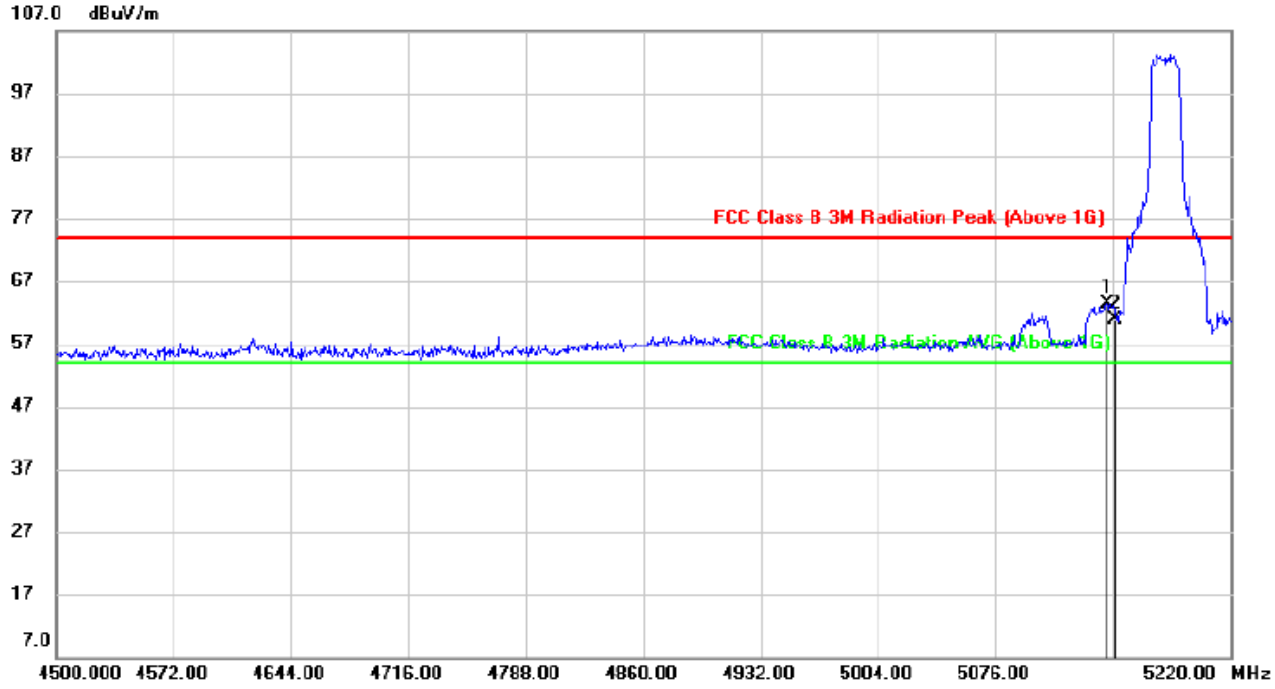
7.1. 802.11a MODE

7.1.1. UNII-1 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

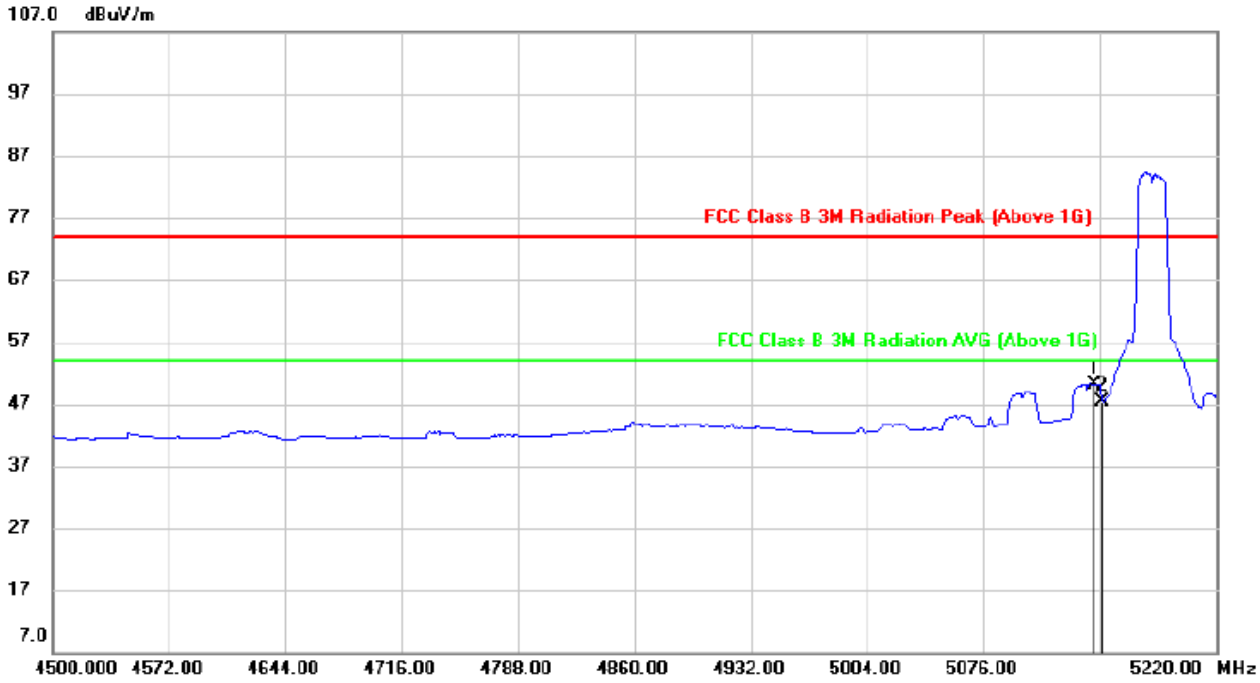
HORIZONTAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5144.400	22.97	40.38	63.35	74.00	-10.65	peak			
2		5150.000	20.37	40.40	60.77	74.00	-13.23	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

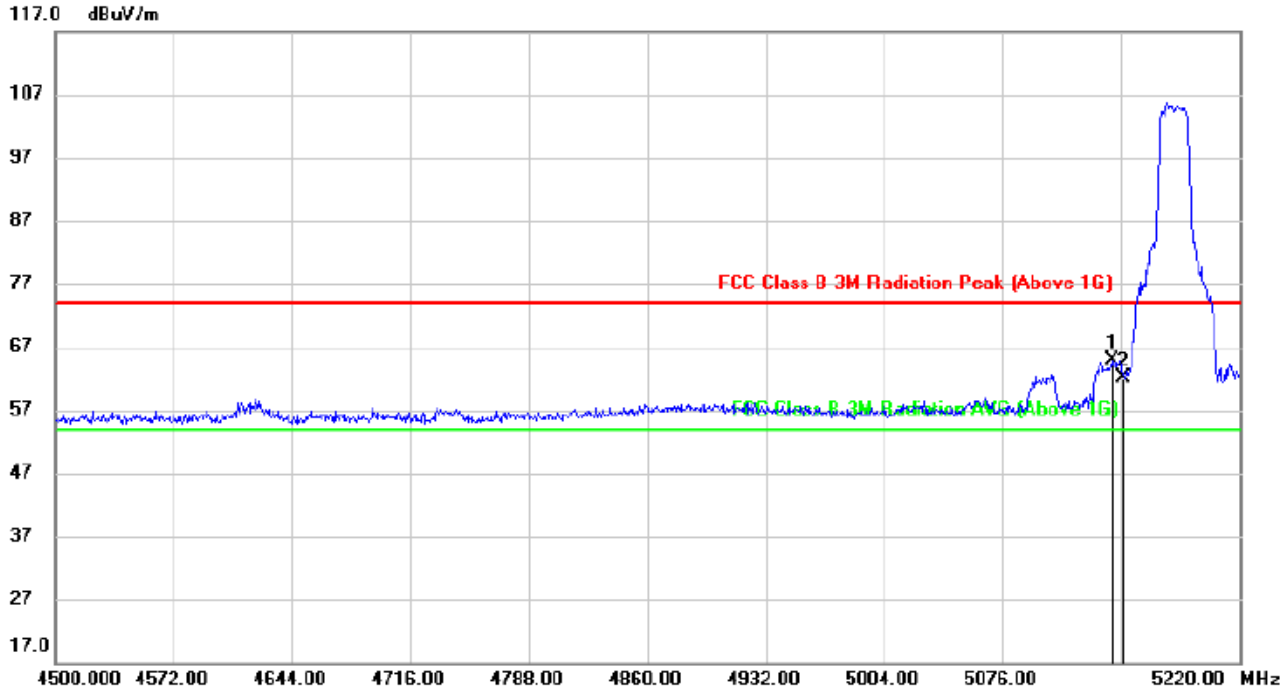
AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5144.400	9.71	40.38	50.09	54.00	-3.91	AVG			
2		5150.000	7.00	40.40	47.40	54.00	-6.60	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

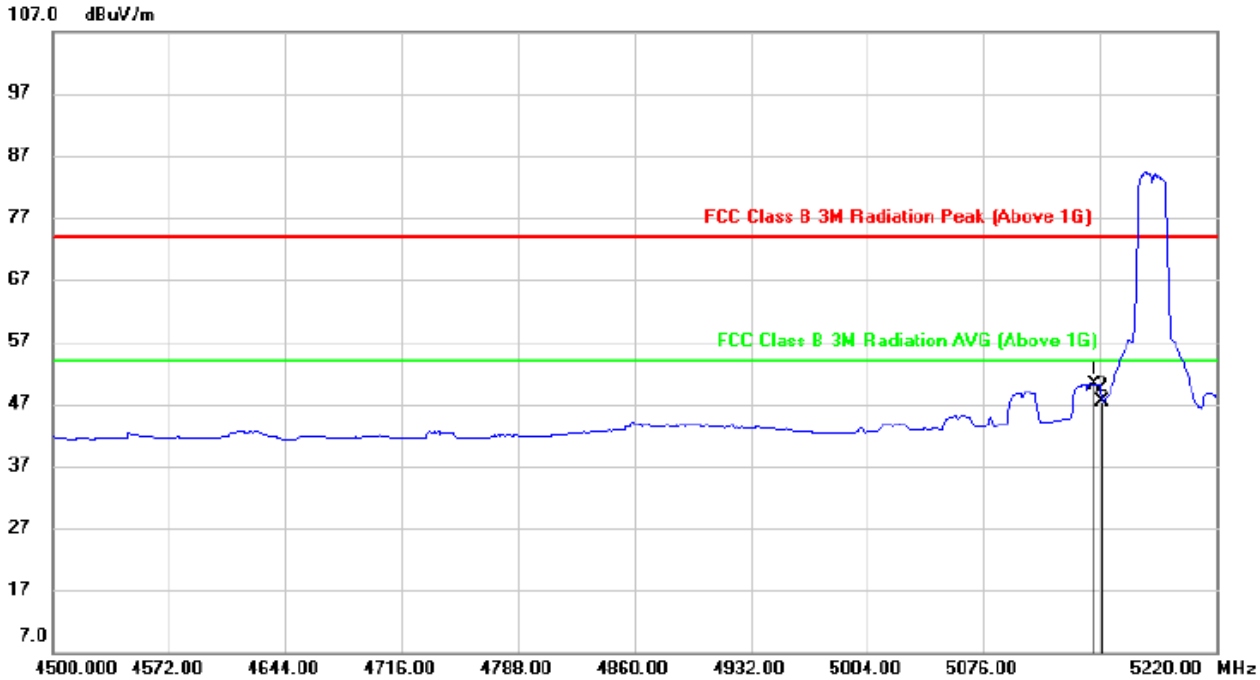
VERTICAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5142.240	24.38	40.56	64.94	74.00	-9.06	peak			
2		5150.000	21.48	40.60	62.08	74.00	-11.92	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

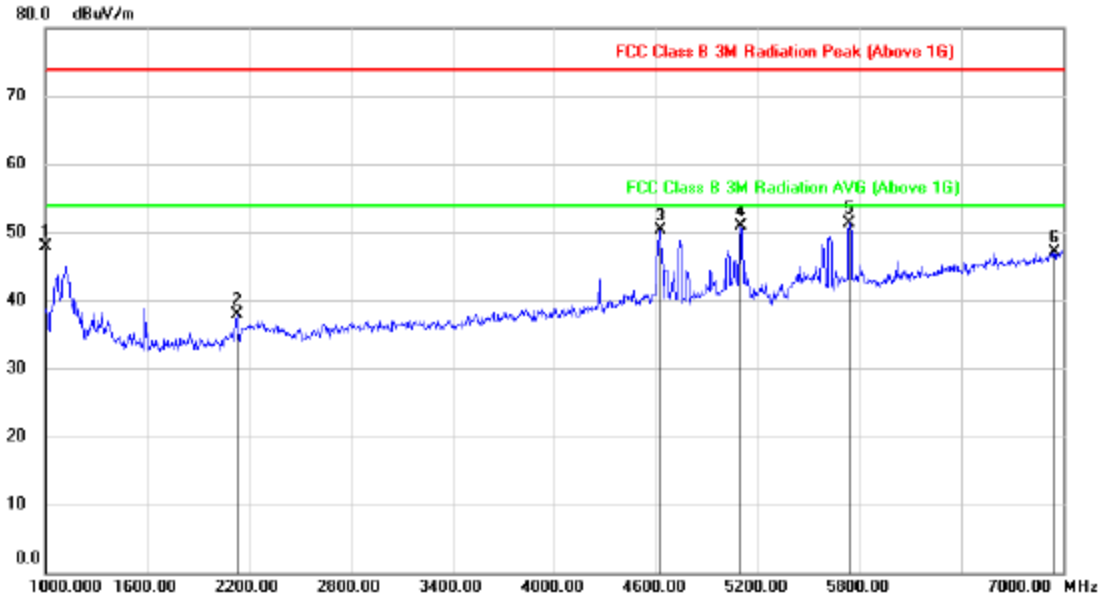


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5144.400	9.71	40.38	50.09	54.00	-3.91	AVG			
2		5150.000	7.00	40.40	47.40	54.00	-6.60	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

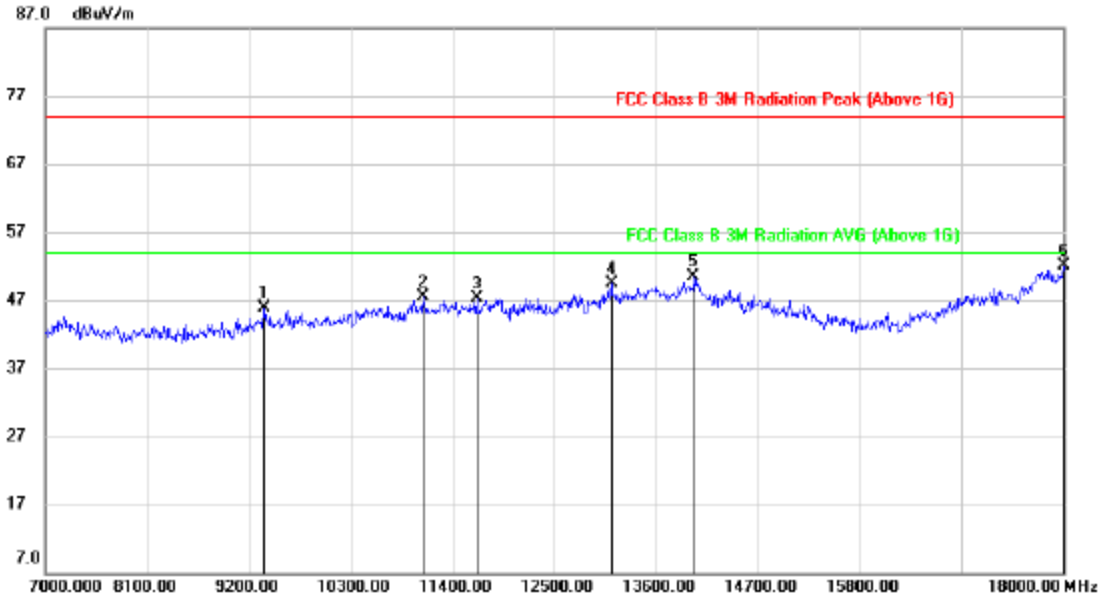
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1000.000	62.63	-14.68	47.95	74.00	-26.05	peak			
2		2128.000	47.78	-9.84	37.94	74.00	-36.06	peak			
3		4624.000	52.41	-2.10	50.31	74.00	-23.69	peak			
4		5098.000	51.37	-0.49	50.88	74.00	-23.12	peak			
5	*	5740.000	50.25	1.03	51.28	74.00	-22.72	peak			
6		6946.000	41.96	5.19	47.15	74.00	-26.85	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

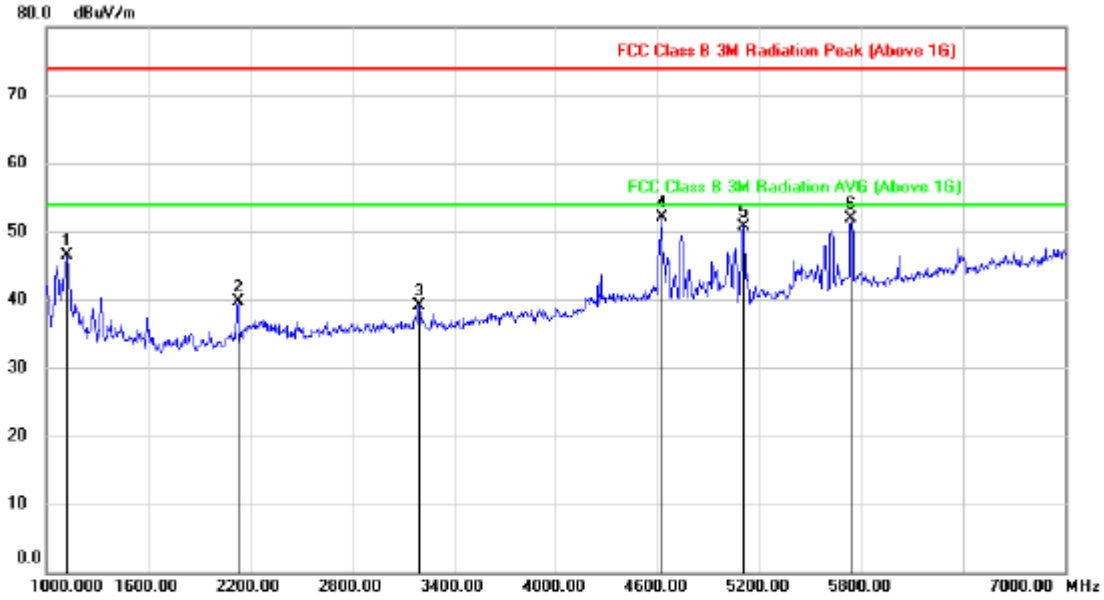
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9365.000	36.48	9.44	45.92	74.00	-28.08	peak			
2		11081.00	34.71	12.78	47.49	74.00	-26.51	peak			
3		11664.00	33.38	13.96	47.34	74.00	-26.66	peak			
4		13116.00	33.06	16.46	49.52	74.00	-24.48	peak			
5		14007.00	31.96	18.47	50.43	74.00	-23.57	peak			
6	*	18000.00	27.35	24.81	52.16	74.00	-21.84	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

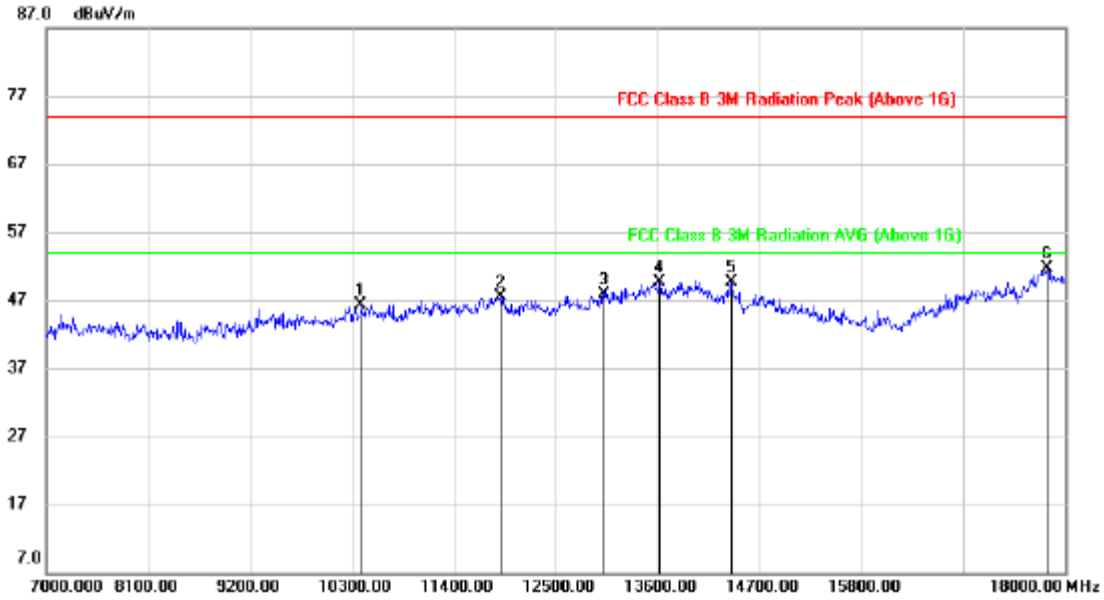
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1126.000	60.64	-14.04	46.60	74.00	-27.40	peak			
2		2128.000	49.74	-9.94	39.80	74.00	-34.20	peak			
3		3196.000	45.51	-6.49	39.02	74.00	-34.98	peak			
4	*	4624.000	54.02	-1.95	52.07	74.00	-21.93	peak			
5		5104.000	51.07	-0.27	50.80	74.00	-23.20	peak			
6		5740.000	50.72	1.13	51.85	74.00	-22.15	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

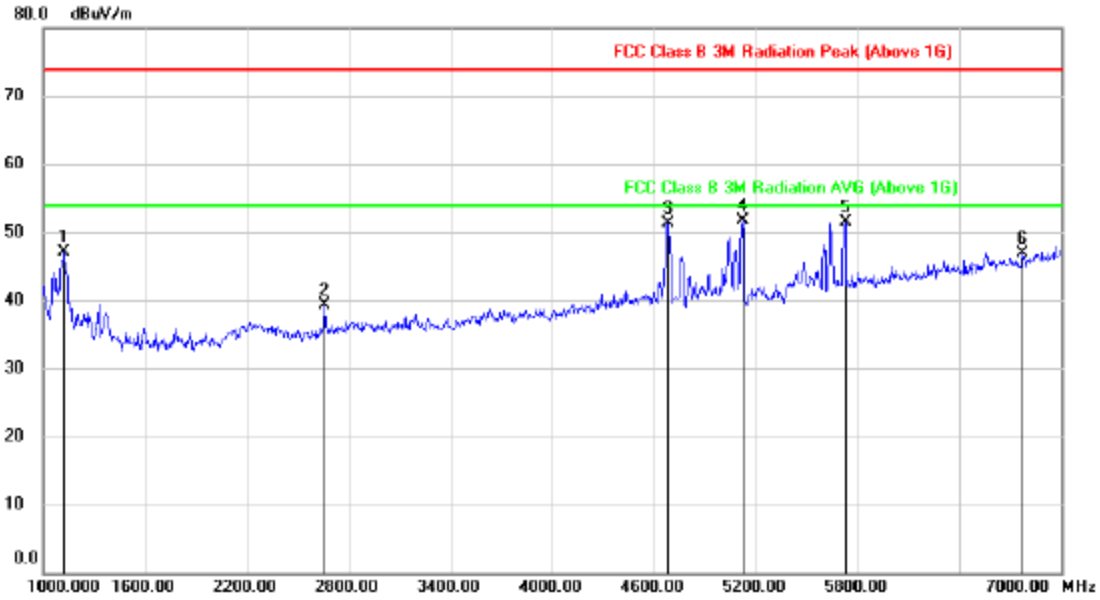


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10399.00	34.86	11.50	46.36	74.00	-27.64	peak			
2		11906.00	32.67	14.75	47.42	74.00	-26.58	peak			
3		13017.00	31.10	16.76	47.86	74.00	-26.14	peak			
4		13622.00	31.21	18.49	49.70	74.00	-24.30	peak			
5		14392.00	31.42	18.32	49.74	74.00	-24.26	peak			
6	*	17802.00	27.04	24.61	51.65	74.00	-22.35	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

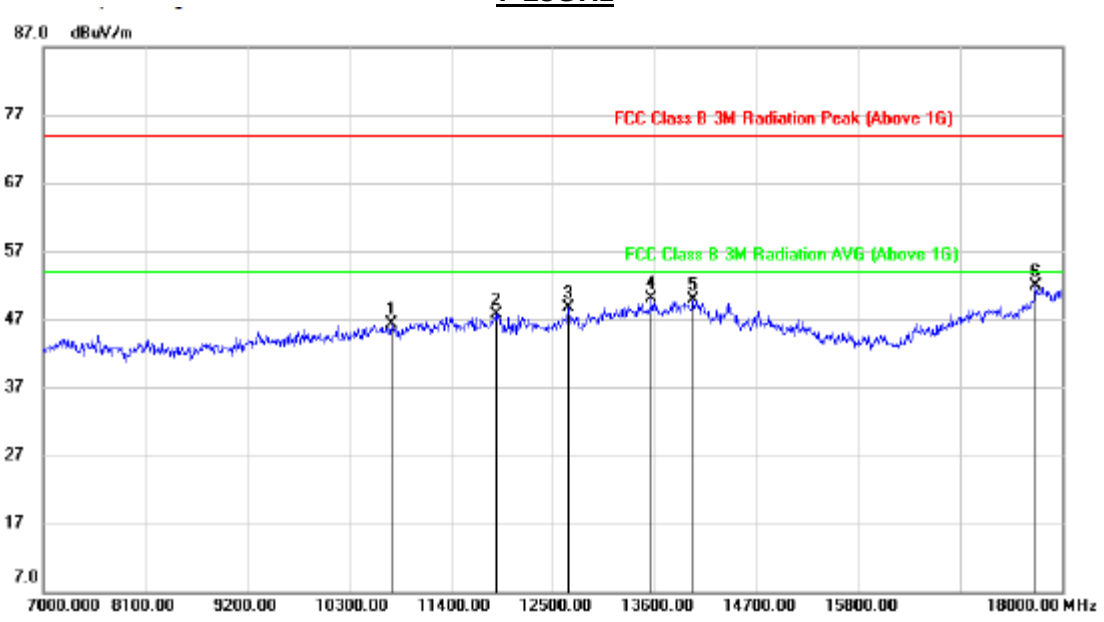
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1126.000	60.82	-13.79	47.03	74.00	-26.97	peak			
2		2656.000	47.89	-8.55	39.34	74.00	-34.66	peak			
3		4684.000	53.33	-1.95	51.38	74.00	-22.62	peak			
4	*	5122.000	51.99	-0.38	51.61	74.00	-22.39	peak			
5		5728.000	50.52	0.99	51.51	74.00	-22.49	peak			
6		6772.000	42.73	4.22	46.95	74.00	-27.05	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

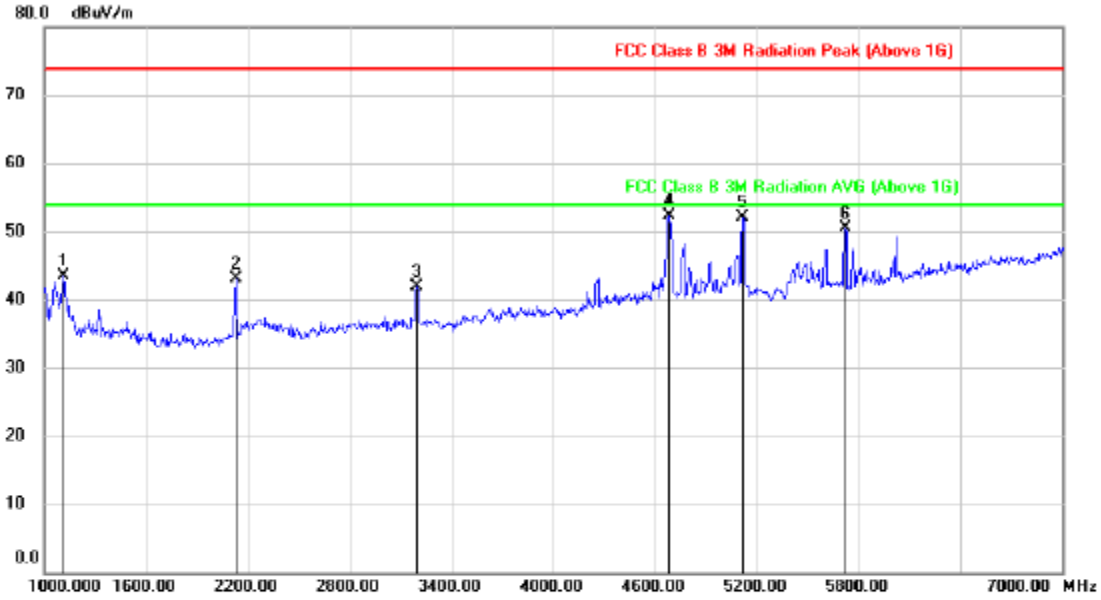
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10762.00	34.01	12.24	46.25	74.00	-27.75	peak			
2		11895.00	32.55	15.15	47.70	74.00	-26.30	peak			
3		12665.00	33.29	15.38	48.67	74.00	-25.33	peak			
4		13567.00	31.69	18.38	50.07	74.00	-23.93	peak			
5		14018.00	31.46	18.47	49.93	74.00	-24.07	peak			
6	*	17714.00	28.47	23.46	51.93	74.00	-22.07	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

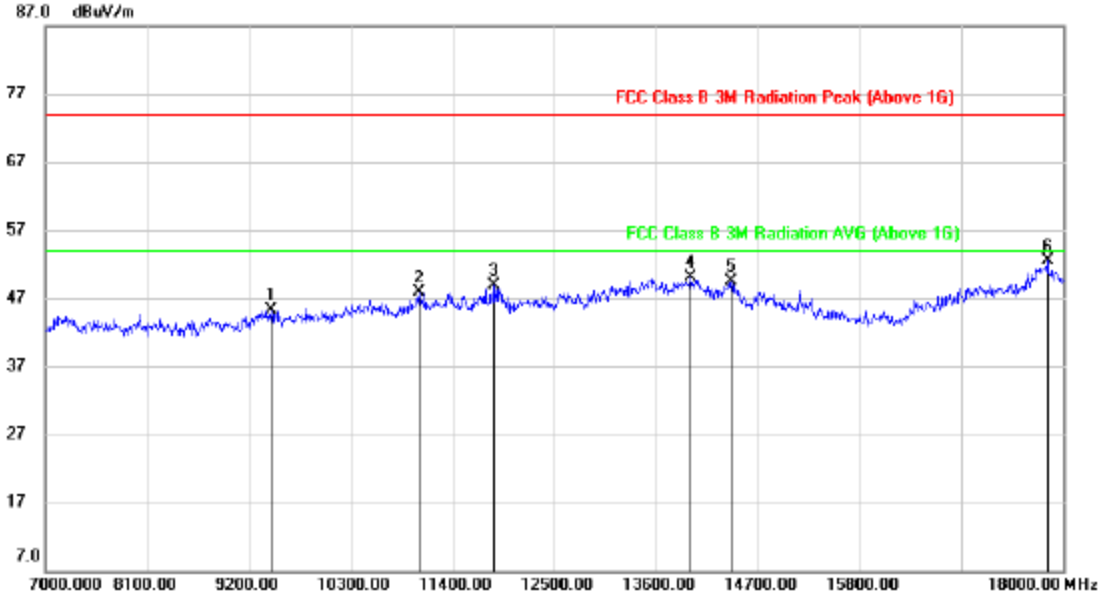
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	57.54	-14.10	43.44	74.00	-30.56	peak			
2		2128.000	53.02	-9.94	43.08	74.00	-30.92	peak			
3		3196.000	48.30	-6.49	41.81	74.00	-32.19	peak			
4	*	4684.000	54.10	-1.85	52.25	74.00	-21.75	peak			
5		5116.000	52.31	-0.21	52.10	74.00	-21.90	peak			
6		5722.000	49.38	1.07	50.45	74.00	-23.55	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

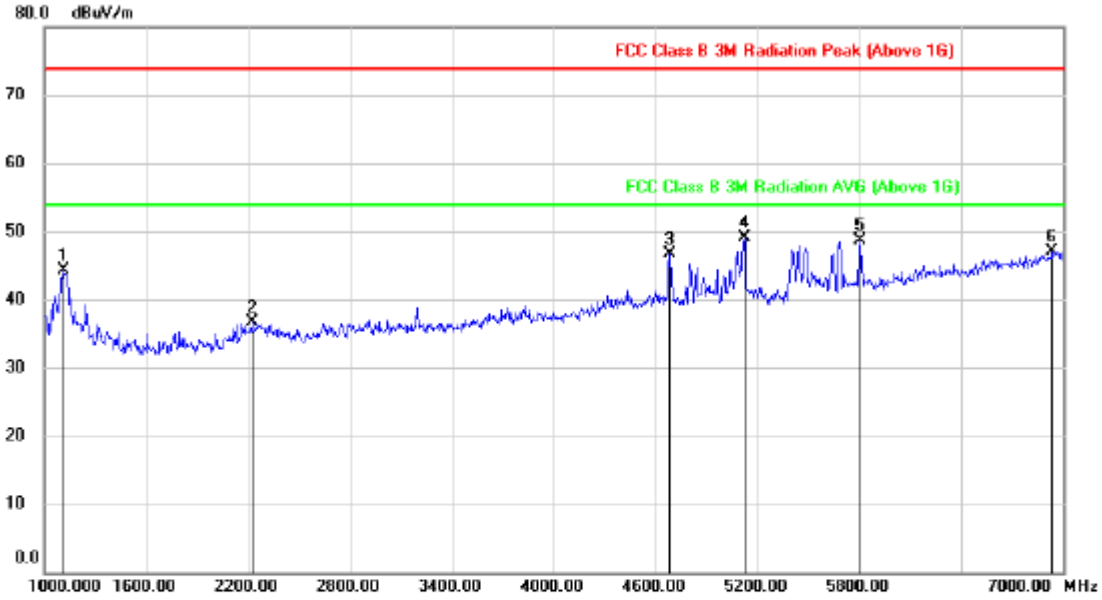


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9442.000	35.67	9.66	45.33	74.00	-28.67	peak			
2		11037.00	35.02	12.90	47.92	74.00	-26.08	peak			
3		11851.00	34.12	14.72	48.84	74.00	-25.16	peak			
4		13974.00	31.49	18.61	50.10	74.00	-23.90	peak			
5		14414.00	31.36	18.13	49.49	74.00	-24.51	peak			
6	*	17824.00	28.17	24.26	52.43	74.00	-21.57	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

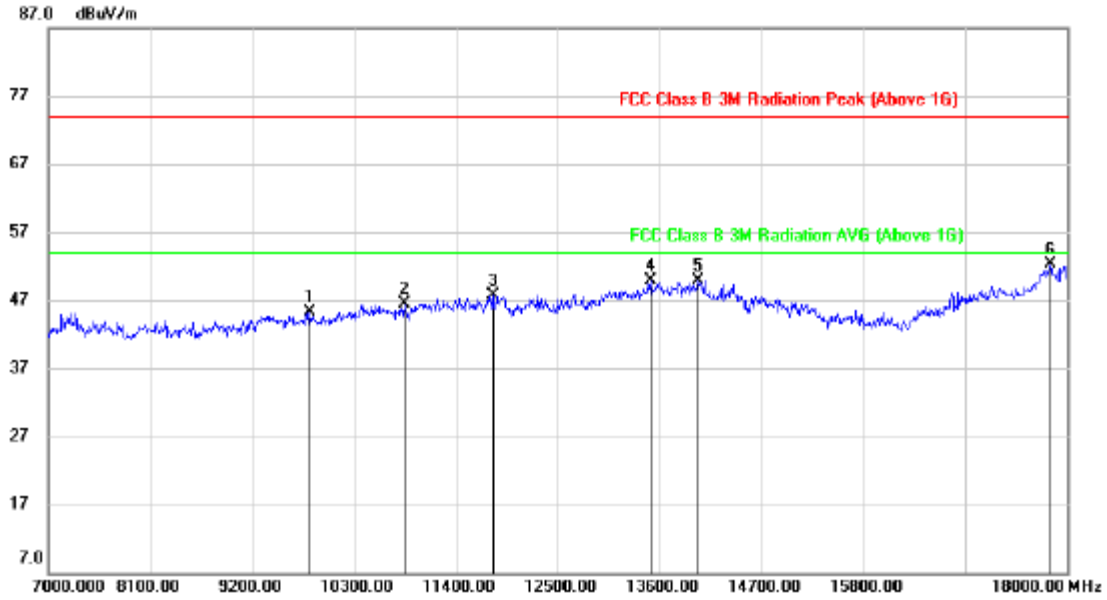
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	58.16	-13.83	44.33	74.00	-29.67	peak			
2		2224.000	45.43	-8.64	36.79	74.00	-37.21	peak			
3		4684.000	48.56	-1.95	46.61	74.00	-27.39	peak			
4	*	5122.000	49.44	-0.38	49.06	74.00	-24.94	peak			
5		5800.000	47.33	1.32	48.65	74.00	-25.35	peak			
6		6934.000	42.05	5.15	47.20	74.00	-26.80	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

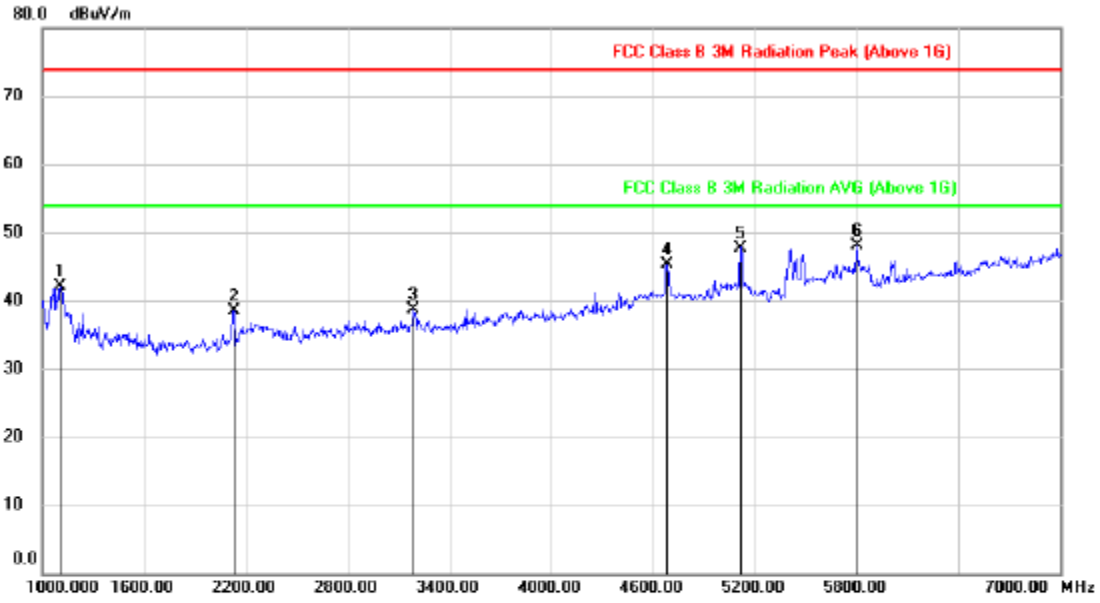
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9816.000	35.09	10.22	45.31	74.00	-28.69	peak			
2		10850.00	34.22	12.19	46.41	74.00	-27.59	peak			
3		11796.00	33.96	13.68	47.64	74.00	-26.36	peak			
4		13501.00	31.86	18.06	49.92	74.00	-24.08	peak			
5		14018.00	31.36	18.47	49.83	74.00	-24.17	peak			
6	*	17813.00	28.11	24.25	52.36	74.00	-21.64	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

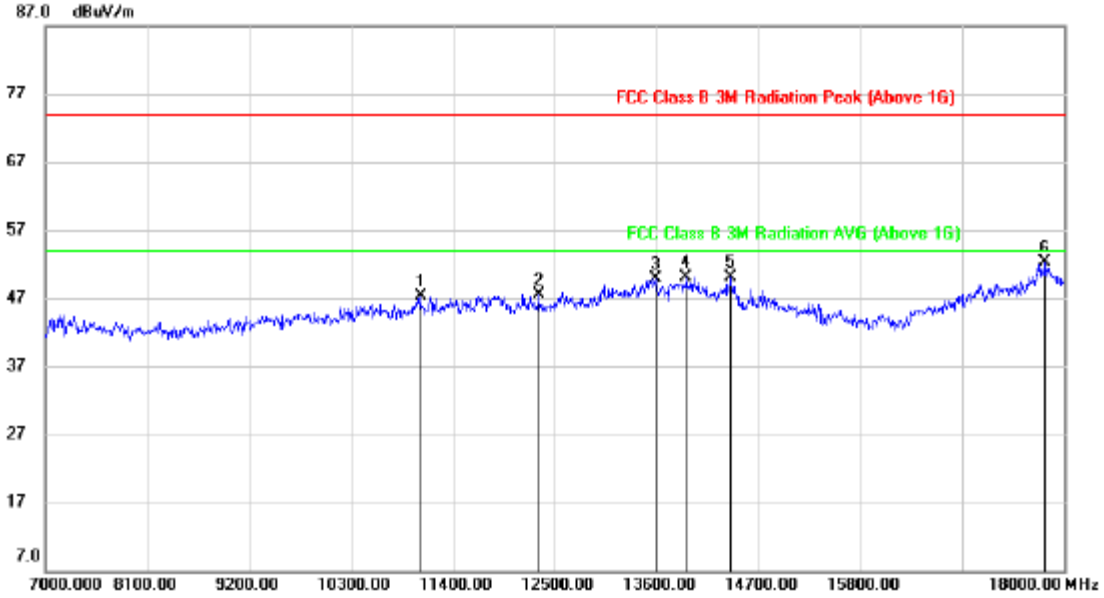
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	56.31	-14.14	42.17	74.00	-31.83	peak			
2		2128.000	48.47	-9.94	38.53	74.00	-35.47	peak			
3		3184.000	45.15	-6.52	38.63	74.00	-35.37	peak			
4		4684.000	47.19	-1.85	45.34	74.00	-28.66	peak			
5		5116.000	48.01	-0.21	47.80	74.00	-26.20	peak			
6	*	5800.000	46.69	1.42	48.11	74.00	-25.89	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11048.00	34.47	12.92	47.39	74.00	-26.61	peak			
2		12324.00	32.97	14.55	47.52	74.00	-26.48	peak			
3		13589.00	31.45	18.46	49.91	74.00	-24.09	peak			
4		13919.00	31.43	18.71	50.14	74.00	-23.86	peak			
5		14403.00	31.71	18.30	50.01	74.00	-23.99	peak			
6	*	17791.00	27.88	24.52	52.40	74.00	-21.60	peak			

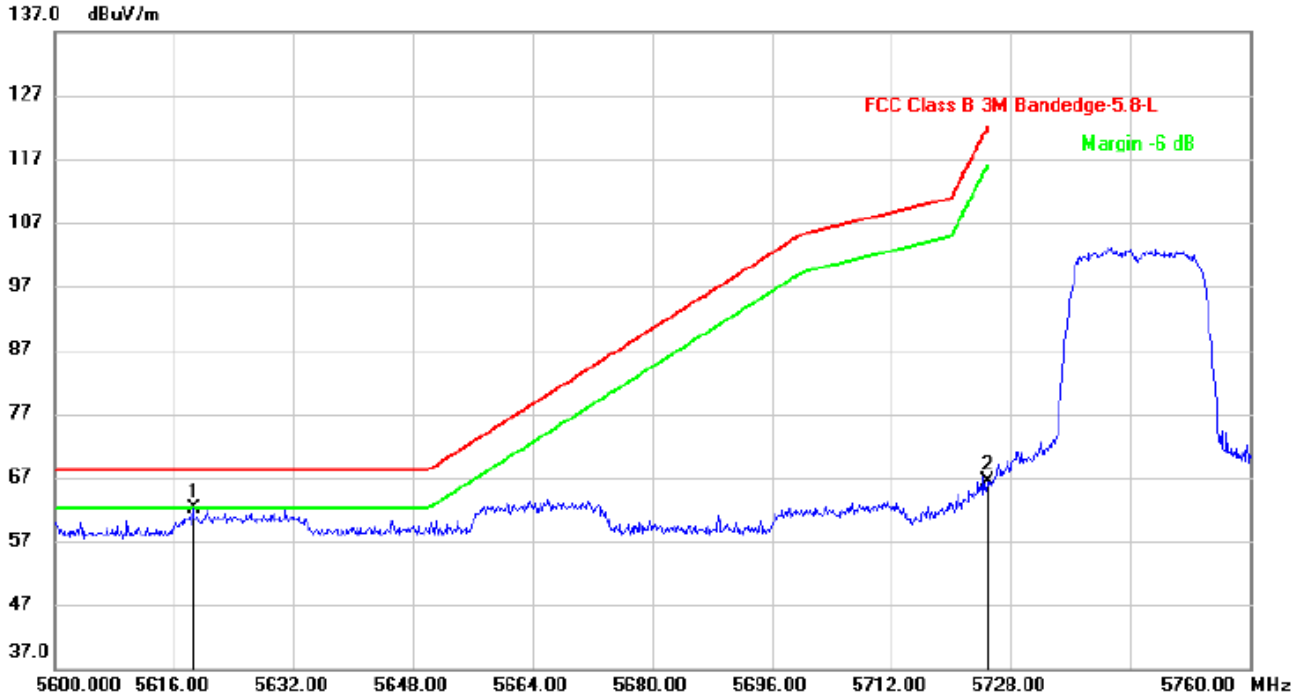
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7.1.2. UNII-3 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

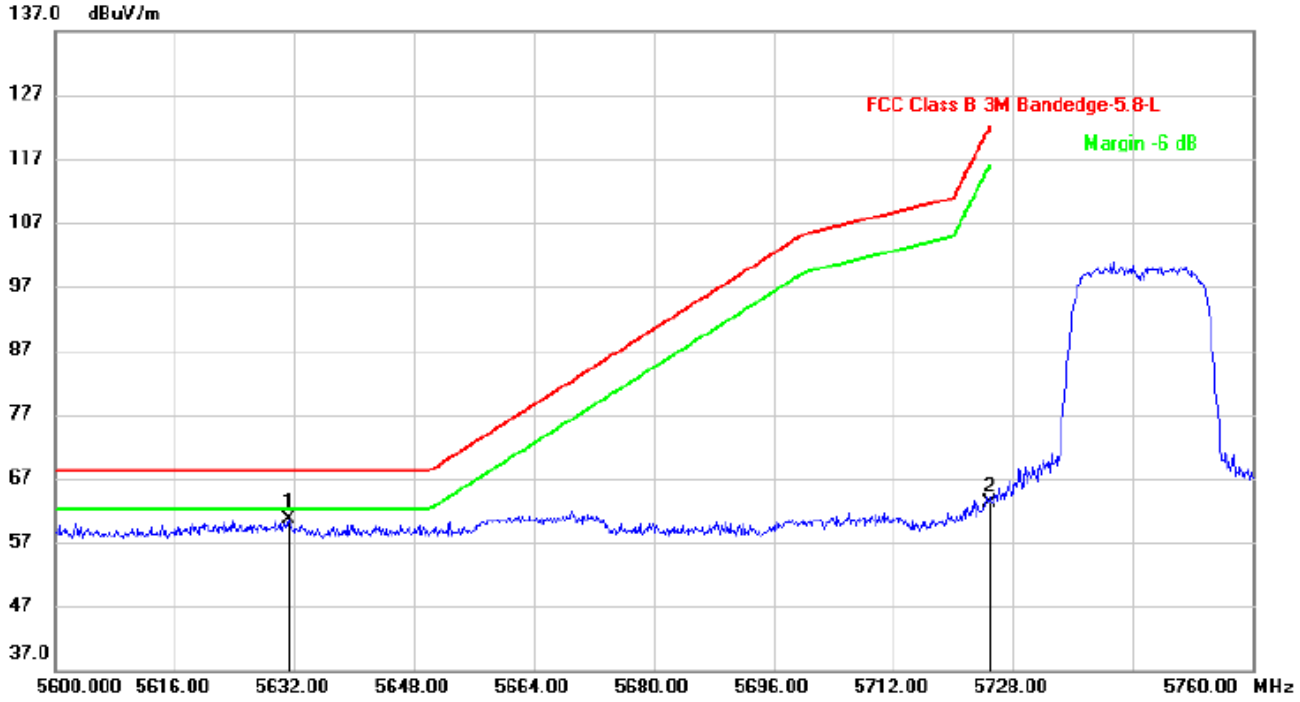
HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5618.560	20.94	41.19	62.13	68.20	-6.07	peak			
2		5725.000	24.88	41.49	66.37	122.2	-55.83	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

VERTICAL RESULTS

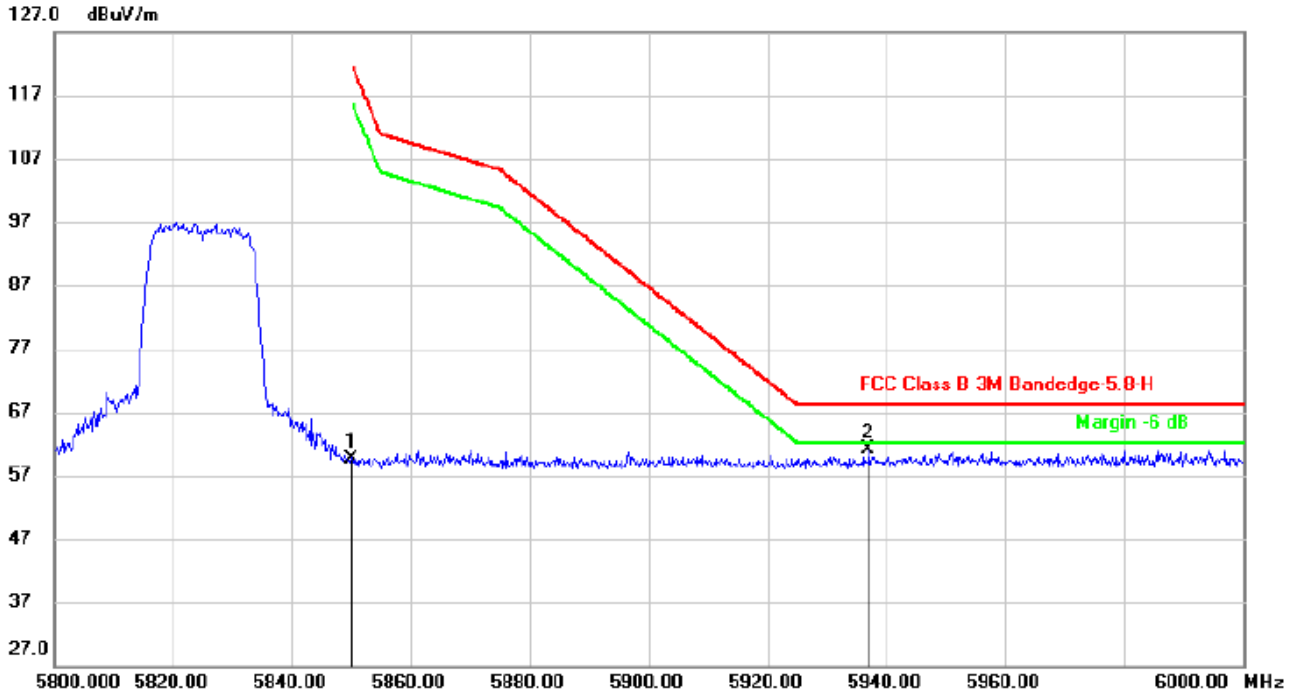


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5631.200	19.39	41.17	60.56	68.20	-7.64	peak			
2		5725.000	21.78	41.39	63.17	122.2	-59.03	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	17.98	41.77	59.75	122.2	-62.45	peak			
2	*	5937.000	19.22	41.93	61.15	68.20	-7.05	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

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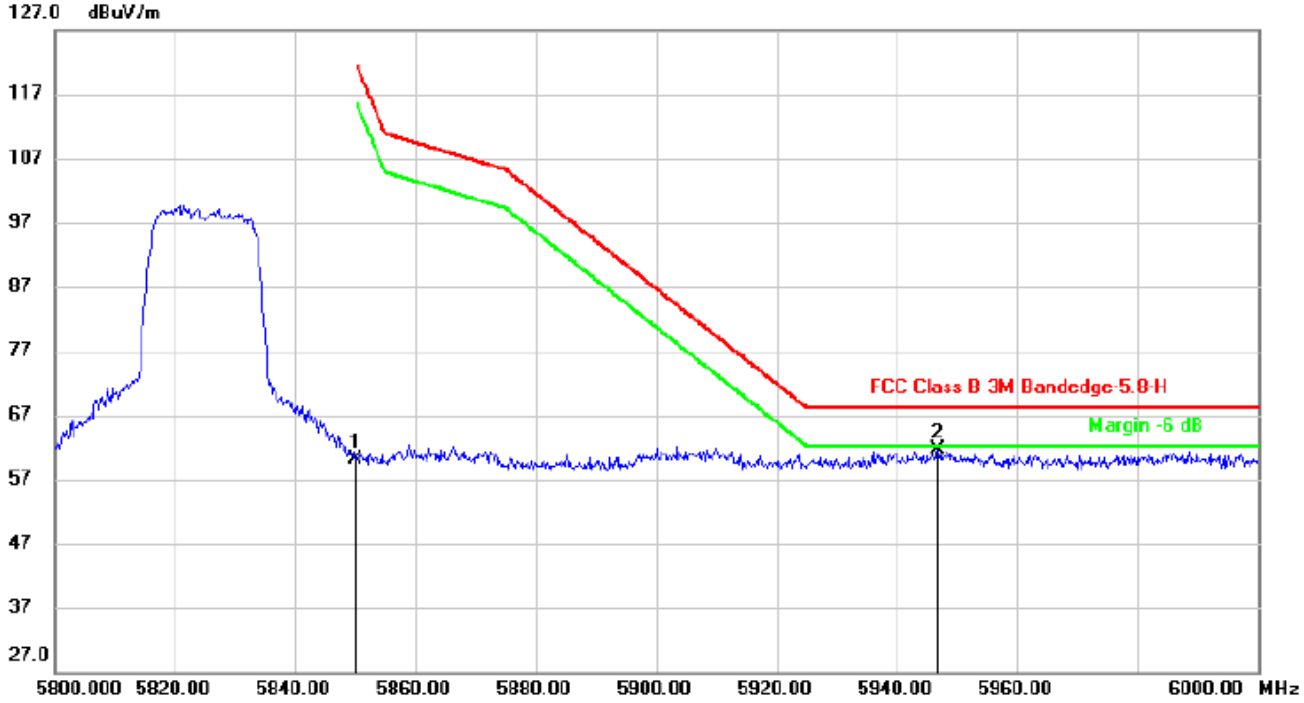
VERTICAL RESULTS

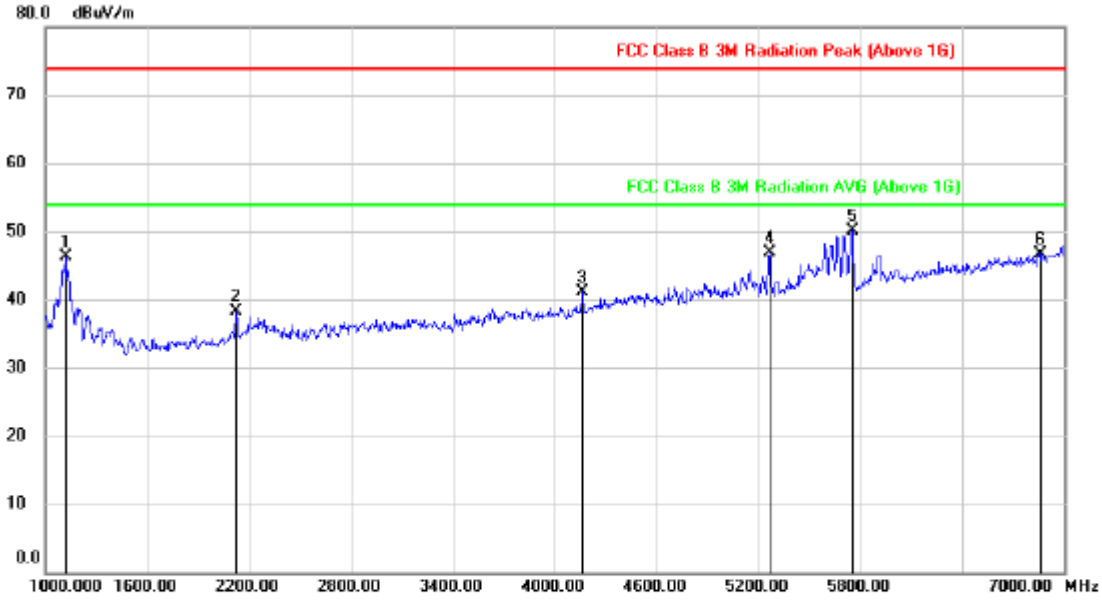


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	18.19	41.87	60.06	122.2	-62.14	peak			
2	*	5946.800	19.65	42.09	61.74	68.20	-6.46	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

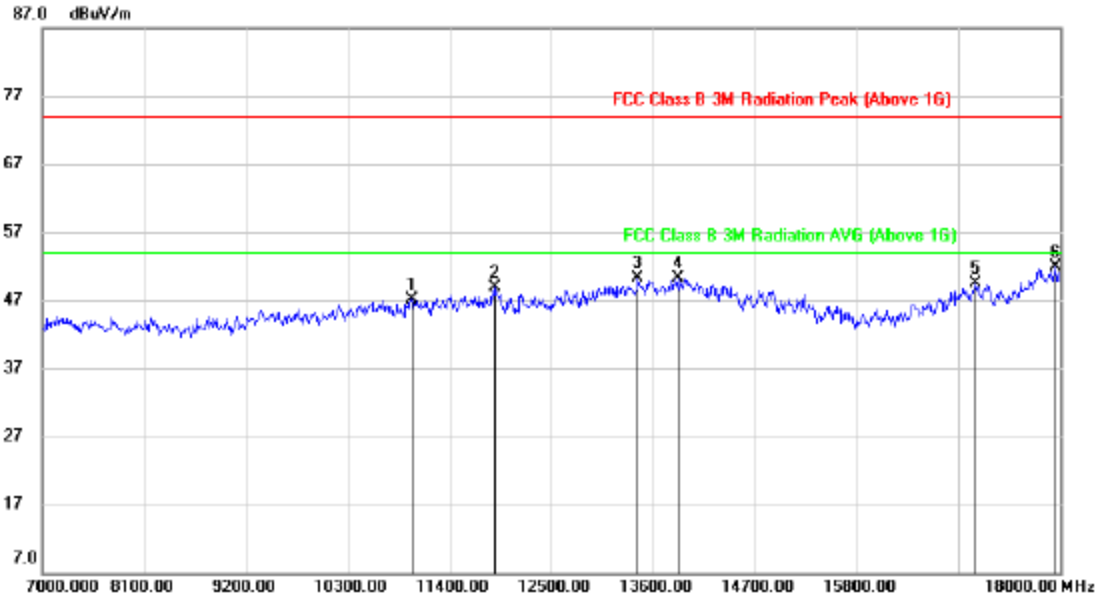
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	60.21	-13.81	46.40	74.00	-27.60	peak			
2		2122.000	48.28	-9.93	38.35	74.00	-35.65	peak			
3		4162.000	44.97	-3.84	41.13	74.00	-32.87	peak			
4		5266.000	47.26	-0.27	46.99	74.00	-27.01	peak			
5	*	5752.000	49.12	1.07	50.19	74.00	-23.81	peak			
6		6862.000	41.92	4.75	46.67	74.00	-27.33	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

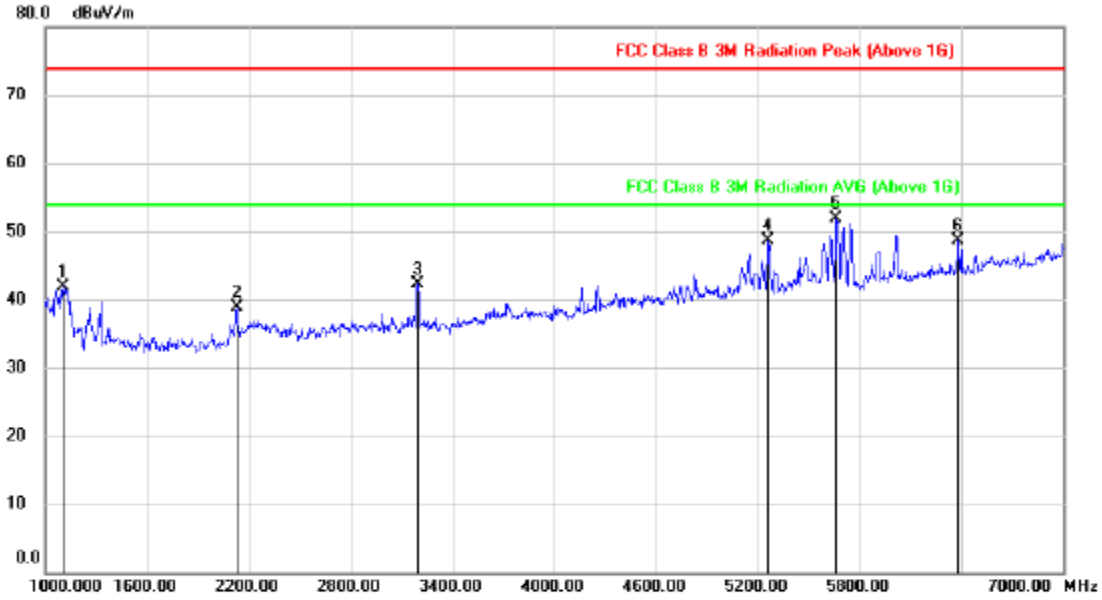
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10993.00	34.30	12.85	47.15	74.00	-26.85	peak			
2		11895.00	33.80	15.15	48.95	74.00	-25.05	peak			
3		13435.00	32.48	17.89	50.37	74.00	-23.63	peak			
4		13864.00	31.65	18.58	50.23	74.00	-23.77	peak			
5		17087.00	29.46	20.03	49.49	74.00	-24.51	peak			
6	*	17945.00	27.23	24.71	51.94	74.00	-22.06	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

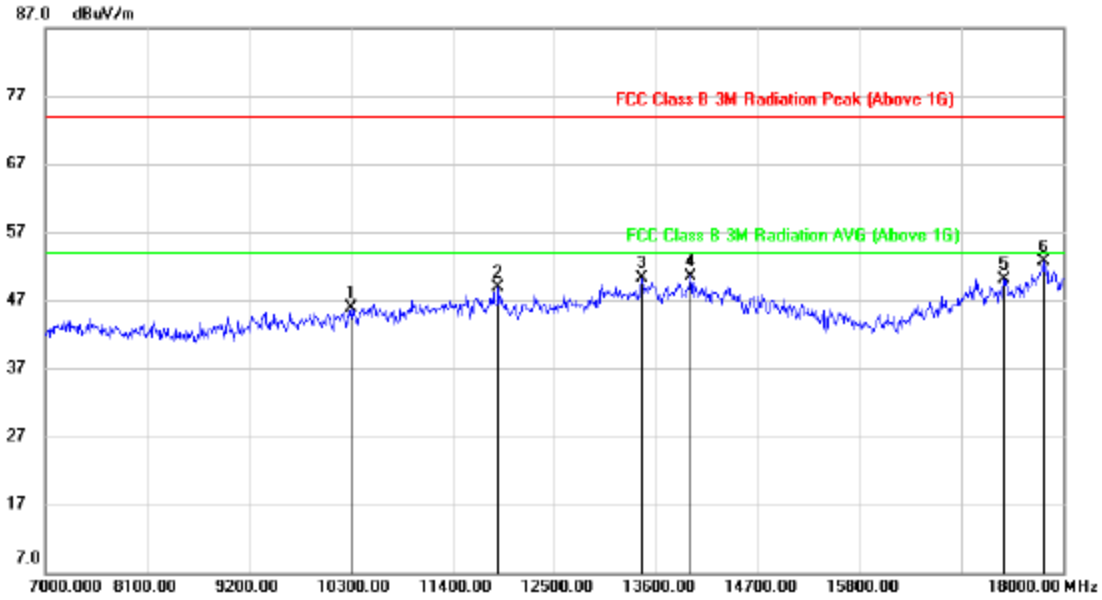
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	55.97	-14.14	41.83	74.00	-32.17	peak			
2		2128.000	48.91	-9.94	38.97	74.00	-35.03	peak			
3		3196.000	48.71	-6.49	42.22	74.00	-31.78	peak			
4		5260.000	49.05	-0.26	48.79	74.00	-25.21	peak			
5	*	5662.000	51.02	0.87	51.89	74.00	-22.11	peak			
6		6382.000	45.37	3.31	48.68	74.00	-25.32	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

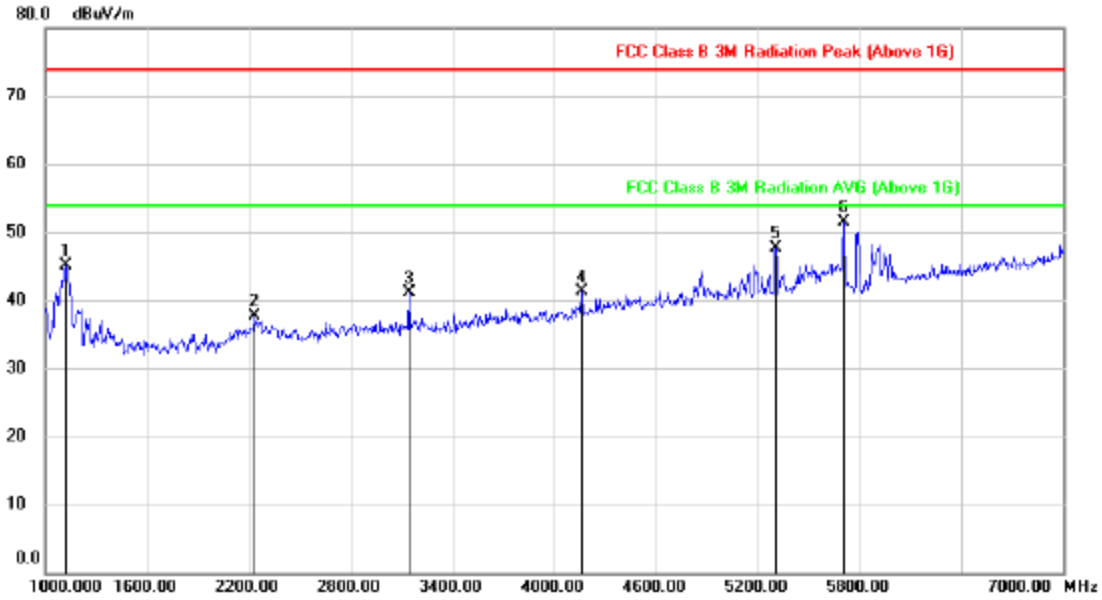


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10300.00	34.95	10.99	45.94	74.00	-28.06	peak			
2		11895.00	34.24	14.75	48.99	74.00	-25.01	peak			
3		13446.00	32.38	17.99	50.37	74.00	-23.63	peak			
4		13974.00	31.99	18.61	50.60	74.00	-23.40	peak			
5		17362.00	28.97	21.19	50.16	74.00	-23.84	peak			
6	*	17780.00	28.39	24.38	52.77	74.00	-21.23	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

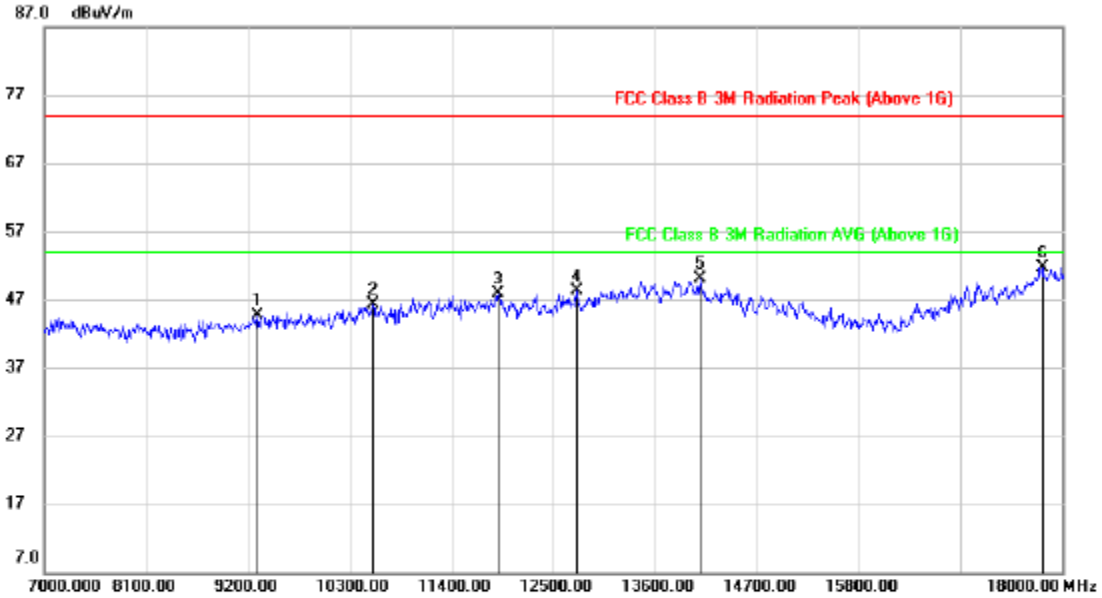
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	58.97	-13.81	45.16	74.00	-28.84	peak			
2		2236.000	46.28	-8.51	37.77	74.00	-36.23	peak			
3		3148.000	47.74	-6.73	41.01	74.00	-32.99	peak			
4		4162.000	45.13	-3.84	41.29	74.00	-32.71	peak			
5		5308.000	47.99	-0.33	47.66	74.00	-26.34	peak			
6	*	5704.000	50.62	0.91	51.53	74.00	-22.47	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

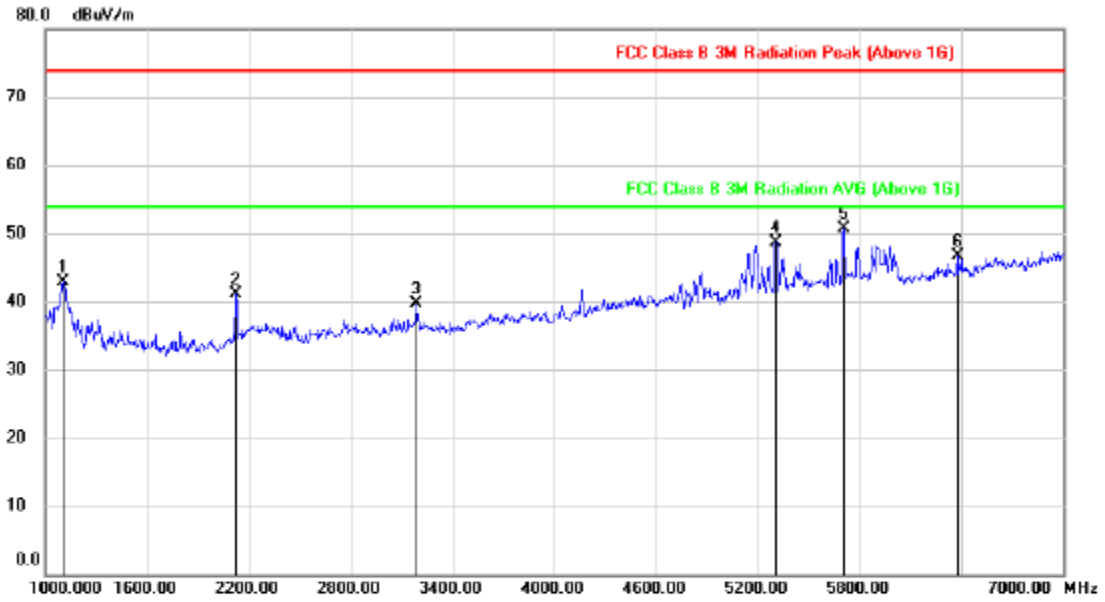
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9310.000	35.65	9.10	44.75	74.00	-29.25	peak			
2		10553.00	34.27	11.97	46.24	74.00	-27.76	peak			
3		11906.00	32.82	15.16	47.98	74.00	-26.02	peak			
4		12753.00	32.54	15.74	48.28	74.00	-25.72	peak			
5		14084.00	31.54	18.48	50.02	74.00	-23.98	peak			
6	*	17780.00	27.81	23.98	51.79	74.00	-22.21	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

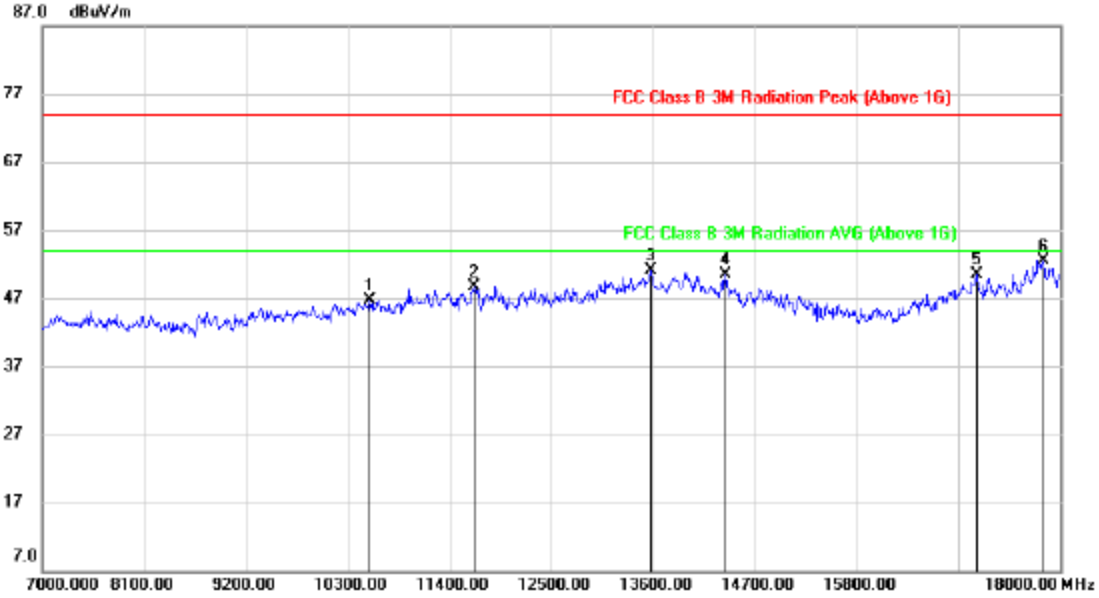
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	57.11	-14.14	42.97	74.00	-31.03	peak			
2		2122.000	51.06	-10.03	41.03	74.00	-32.97	peak			
3		3184.000	46.22	-6.52	39.70	74.00	-34.30	peak			
4		5308.000	49.05	-0.32	48.73	74.00	-25.27	peak			
5	*	5704.000	49.64	1.01	50.65	74.00	-23.35	peak			
6		6376.000	43.42	3.31	46.73	74.00	-27.27	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

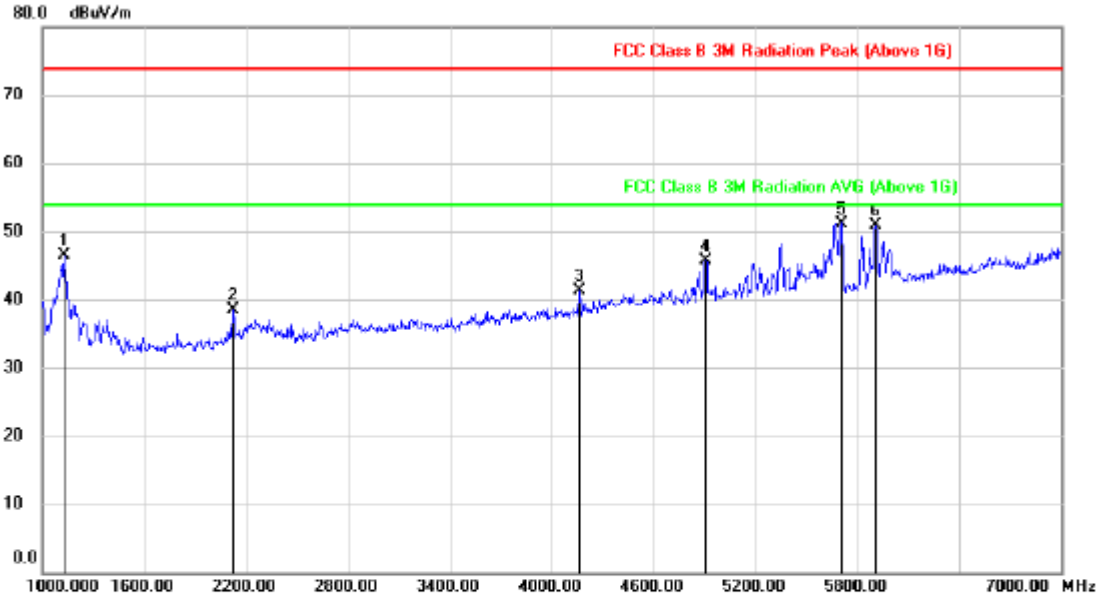


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10542.00	34.73	11.90	46.63	74.00	-27.37	peak			
2		11664.00	34.25	14.54	48.79	74.00	-25.21	peak			
3		13578.00	32.52	18.58	51.10	74.00	-22.90	peak			
4		14381.00	32.10	18.31	50.41	74.00	-23.59	peak			
5		17098.00	29.89	20.65	50.54	74.00	-23.46	peak			
6	*	17813.00	28.13	24.44	52.57	74.00	-21.43	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

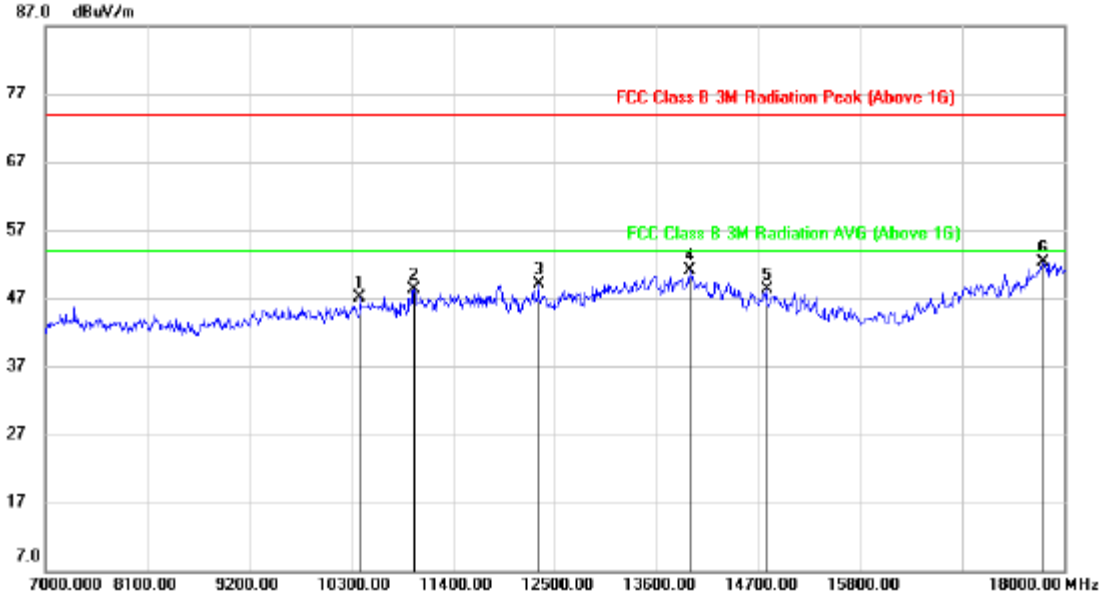
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1132.000	60.27	-13.77	46.50	74.00	-27.50	peak			
2		2122.000	48.36	-9.93	38.43	74.00	-35.57	peak			
3		4162.000	45.22	-3.84	41.38	74.00	-32.62	peak			
4		4906.000	46.48	-0.68	45.80	74.00	-28.20	peak			
5	*	5704.000	50.29	0.91	51.20	74.00	-22.80	peak			
6		5908.000	49.45	1.43	50.88	74.00	-23.12	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

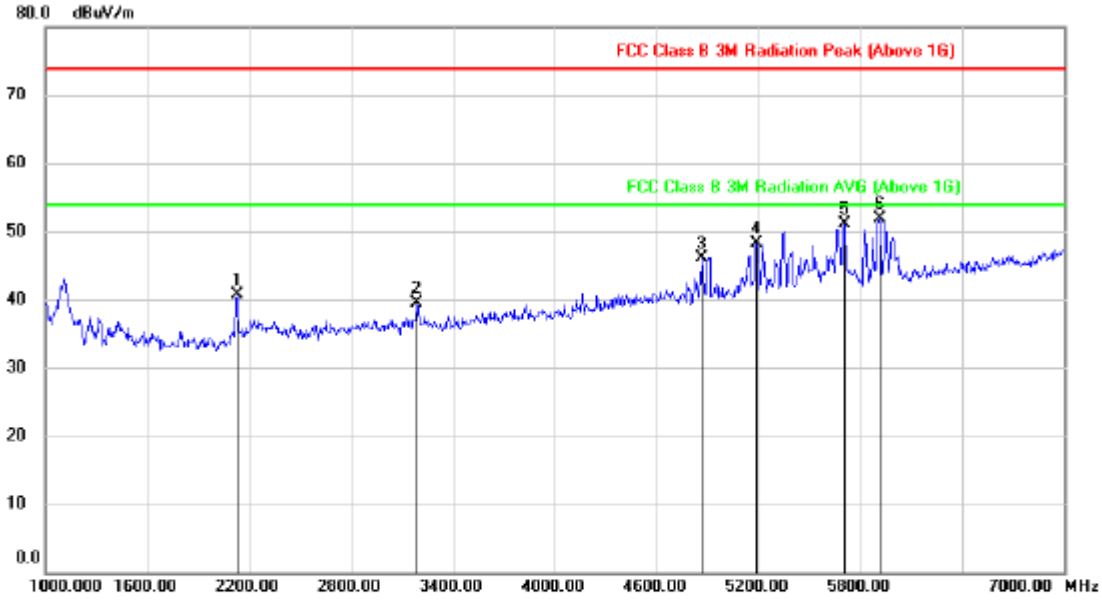
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10399.00	35.68	11.40	47.08	74.00	-26.92	peak			
2		10982.00	35.51	12.75	48.26	74.00	-25.74	peak			
3		12324.00	34.73	14.40	49.13	74.00	-24.87	peak			
4		13952.00	32.47	18.56	51.03	74.00	-22.97	peak			
5		14788.00	32.33	16.05	48.38	74.00	-25.62	peak			
6	*	17769.00	28.55	23.83	52.38	74.00	-21.62	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

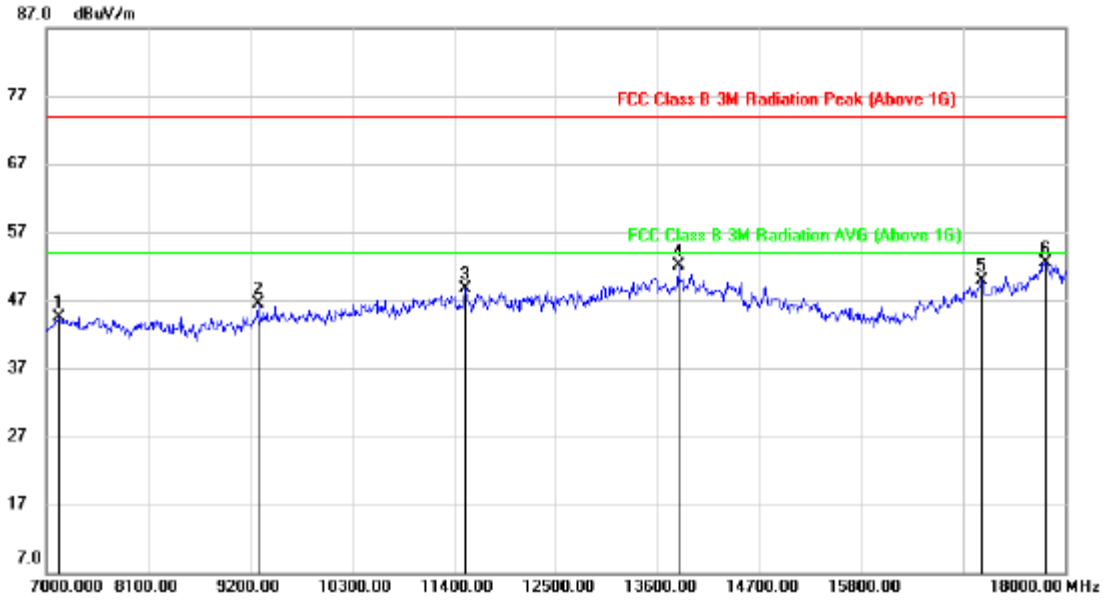
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2128.000	50.72	-9.94	40.78	74.00	-33.22	peak			
2		3190.000	45.97	-6.51	39.46	74.00	-34.54	peak			
3		4870.000	47.15	-1.06	46.09	74.00	-27.91	peak			
4		5188.000	48.37	0.01	48.38	74.00	-25.62	peak			
5		5704.000	50.15	1.01	51.16	74.00	-22.84	peak			
6	*	5914.000	50.31	1.58	51.89	74.00	-22.11	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		7132.000	38.19	6.37	44.56	74.00	-29.44	peak			
2		9288.000	37.45	9.15	46.60	74.00	-27.40	peak			
3		11521.00	34.56	14.14	48.70	74.00	-25.30	peak			
4		13820.00	33.20	18.94	52.14	74.00	-21.86	peak			
5		17098.00	29.33	20.65	49.98	74.00	-24.02	peak			
6	*	17780.00	28.06	24.38	52.44	74.00	-21.56	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

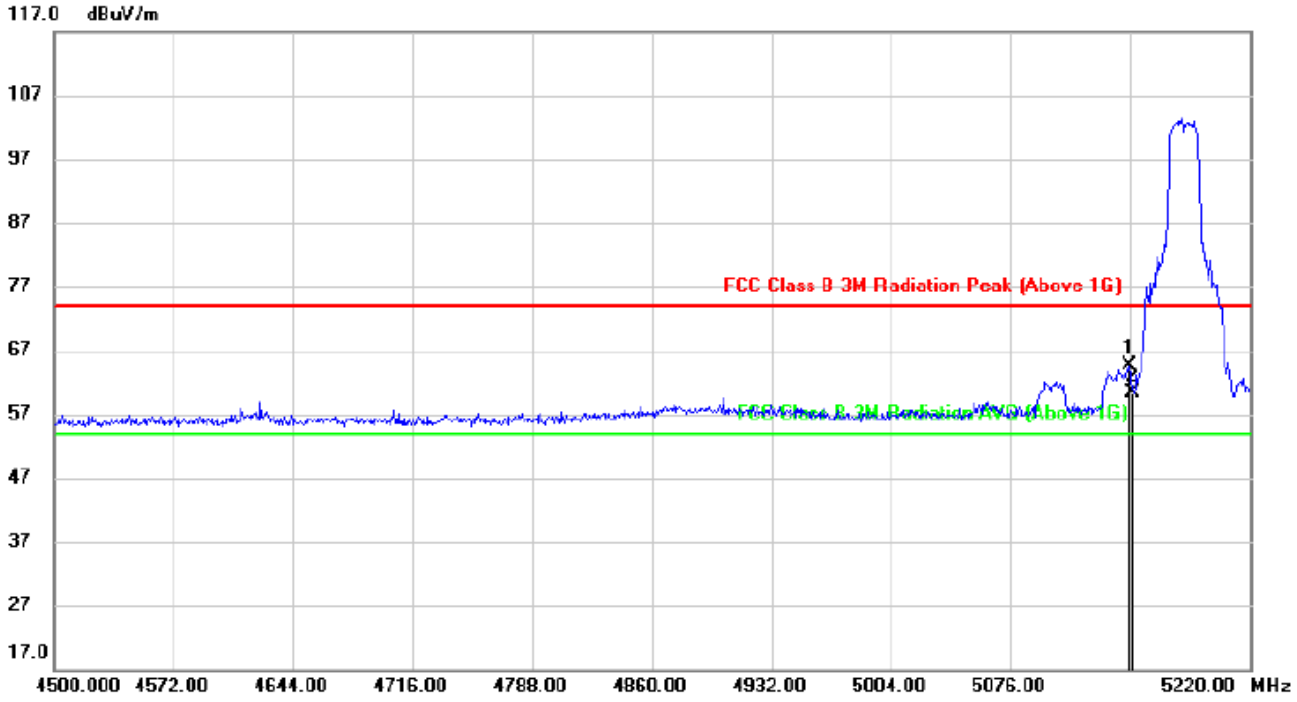
7.2. 802.11n HT20 MODE

7.2.1. UNII-1 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

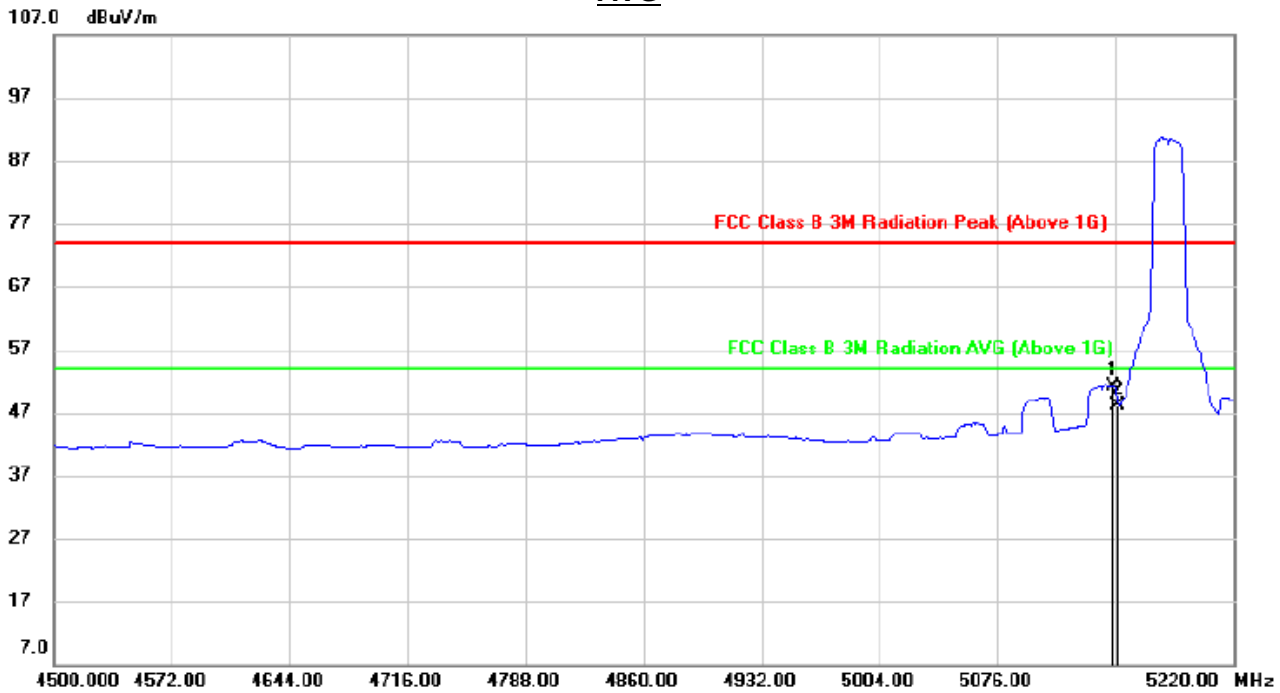
HORIZONTAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5147.280	24.36	40.39	64.75	74.00	-9.25	peak			
2		5150.000	19.95	40.40	60.35	74.00	-13.65	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

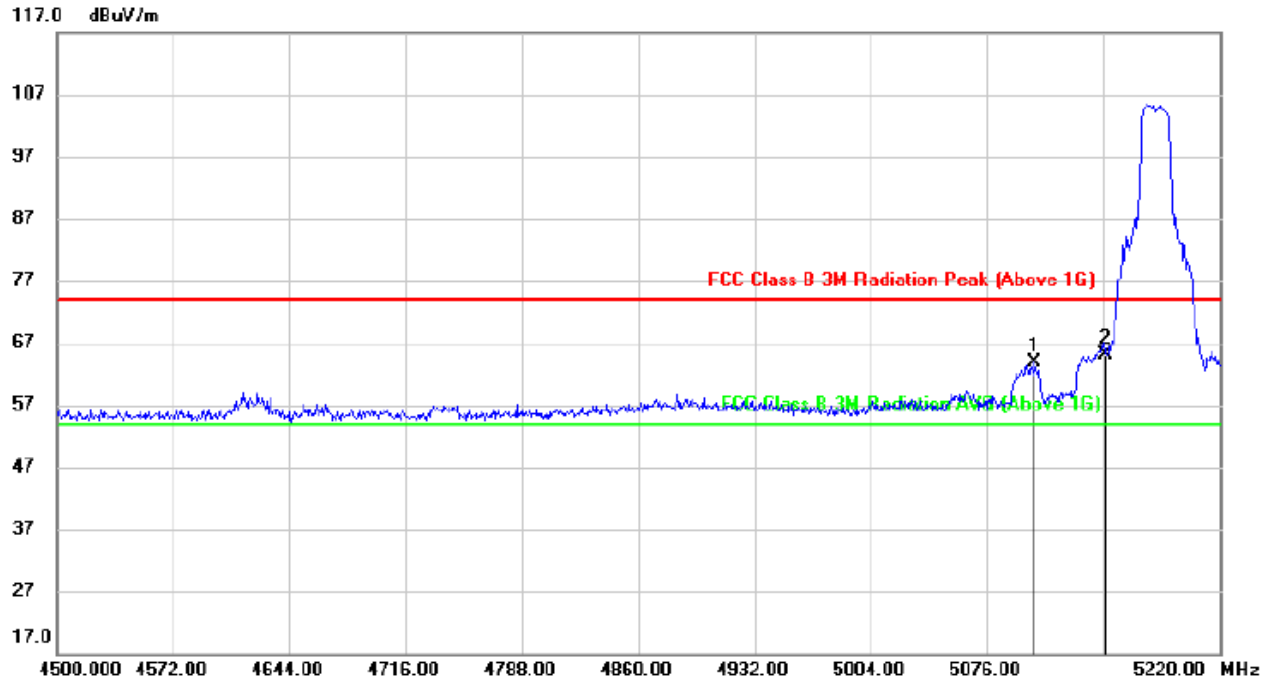
AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5147.280	10.70	40.39	51.09	54.00	-2.91	AVG			
2		5150.000	7.64	40.40	48.04	54.00	-5.96	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

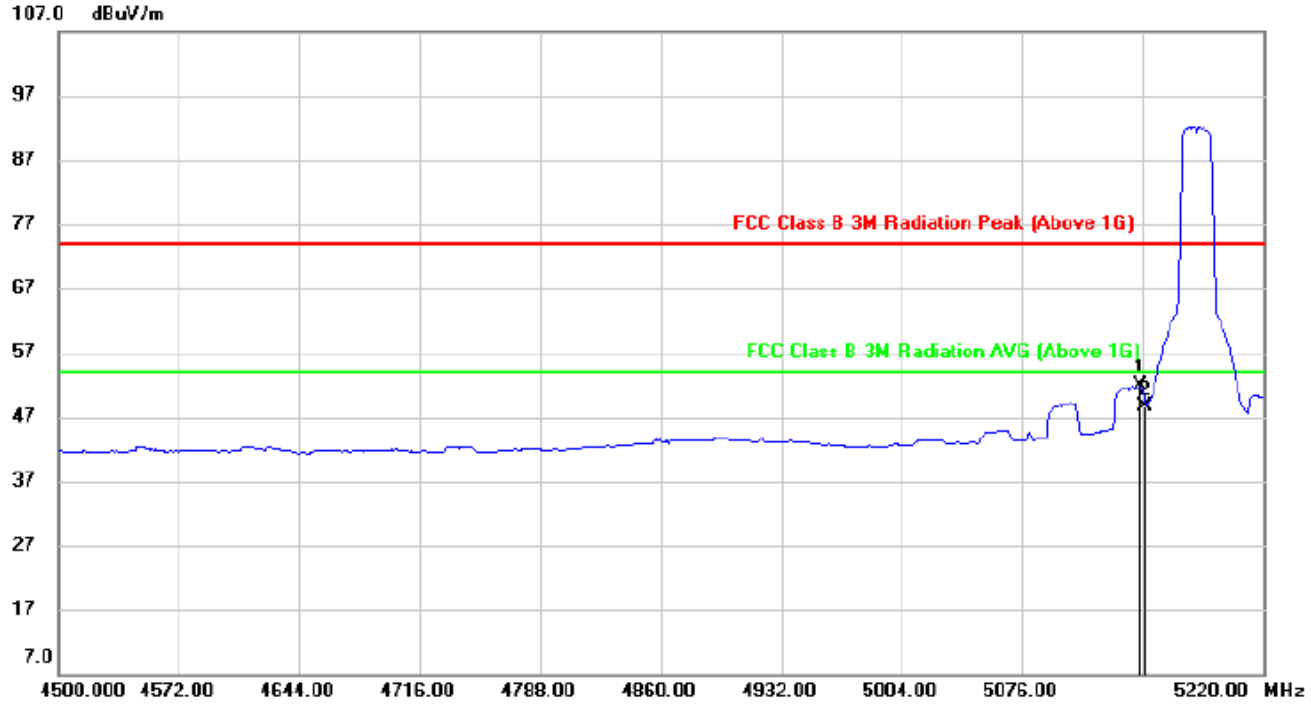
VERTICAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5105.520	23.49	40.39	63.88	74.00	-10.12	peak			
2	*	5150.000	24.49	40.60	65.09	74.00	-8.91	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5146.560	11.20	40.59	51.79	54.00	-2.21	AVG			
2		5150.000	8.14	40.60	48.74	54.00	-5.26	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

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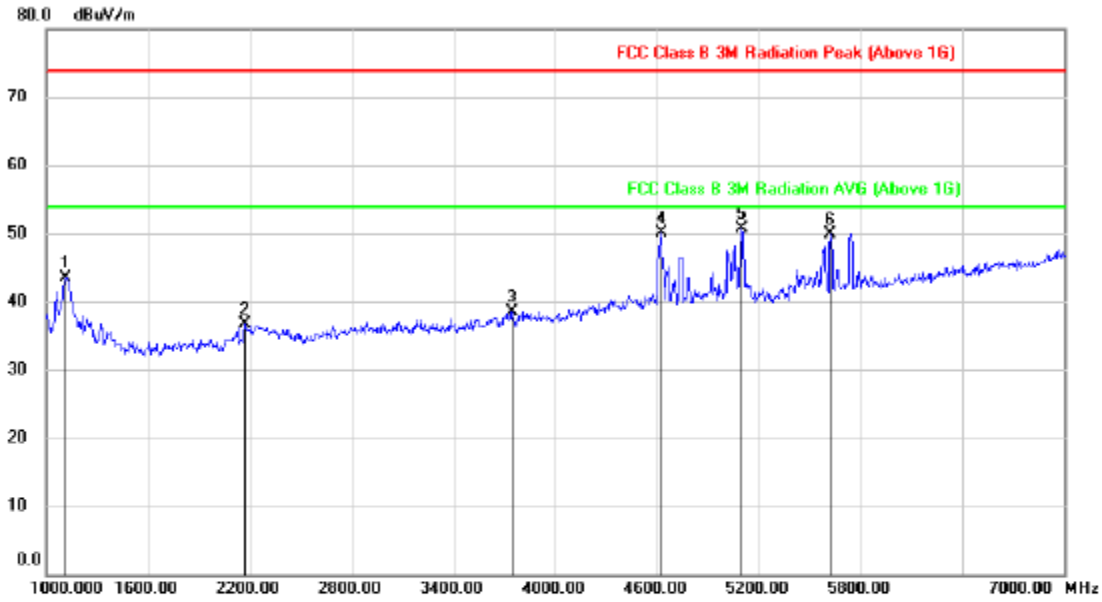
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

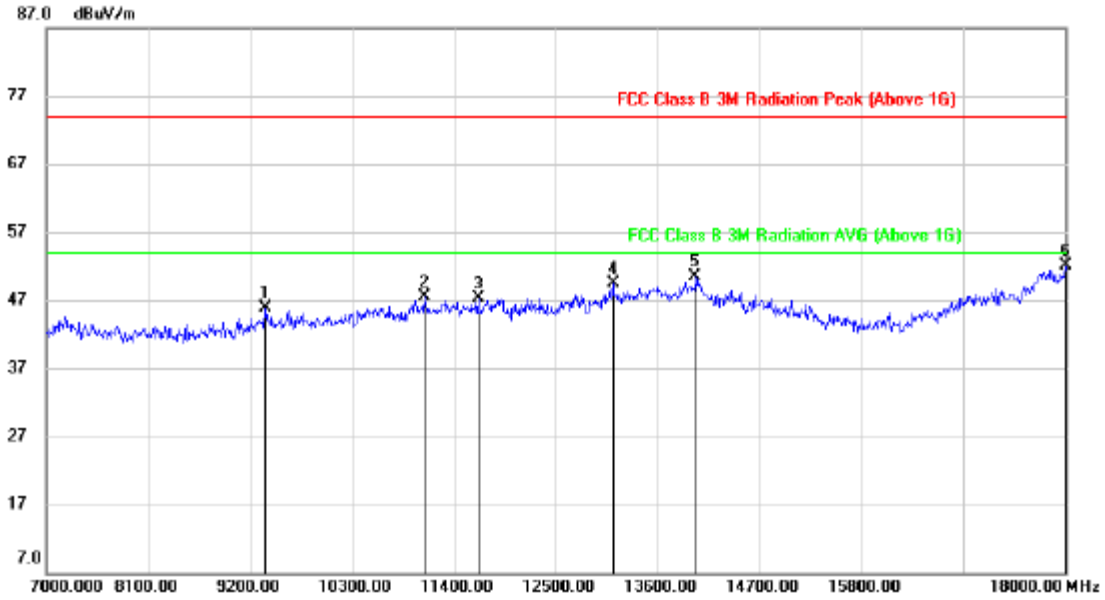
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	57.42	-13.83	43.59	74.00	-30.41	peak			
2		2170.000	45.97	-9.28	36.69	74.00	-37.31	peak			
3		3748.000	43.46	-4.93	38.53	74.00	-35.47	peak			
4		4624.000	52.29	-2.10	50.19	74.00	-23.81	peak			
5	*	5098.000	51.22	-0.49	50.73	74.00	-23.27	peak			
6		5620.000	49.25	0.71	49.96	74.00	-24.04	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

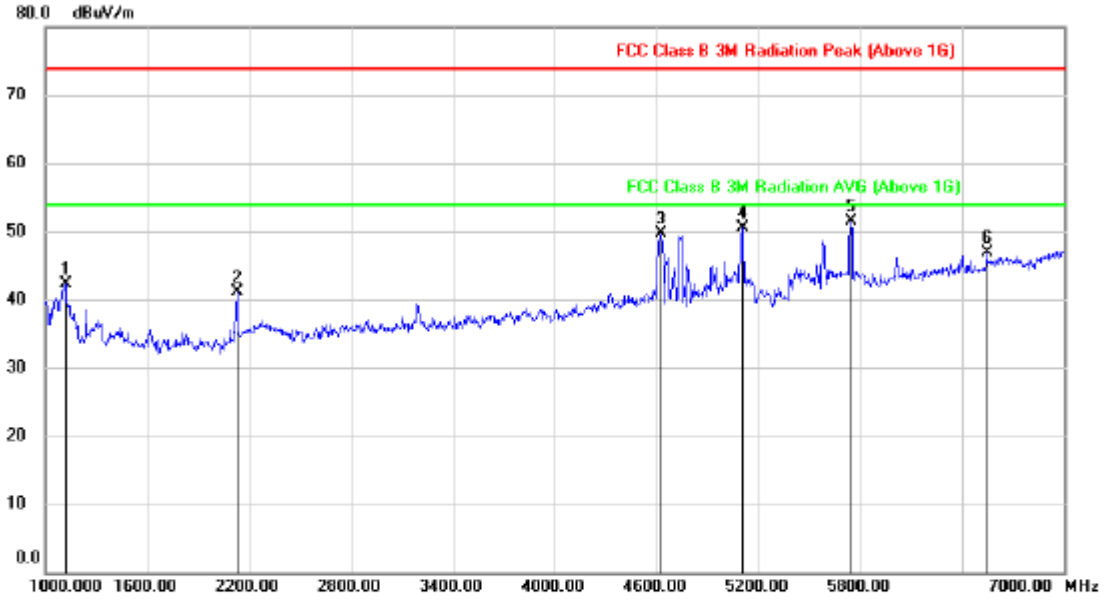
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9365.000	36.48	9.44	45.92	74.00	-28.08	peak			
2		11081.00	34.71	12.78	47.49	74.00	-26.51	peak			
3		11664.00	33.38	13.96	47.34	74.00	-26.66	peak			
4		13116.00	33.06	16.46	49.52	74.00	-24.48	peak			
5		14007.00	31.96	18.47	50.43	74.00	-23.57	peak			
6	*	18000.00	27.35	24.81	52.16	74.00	-21.84	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

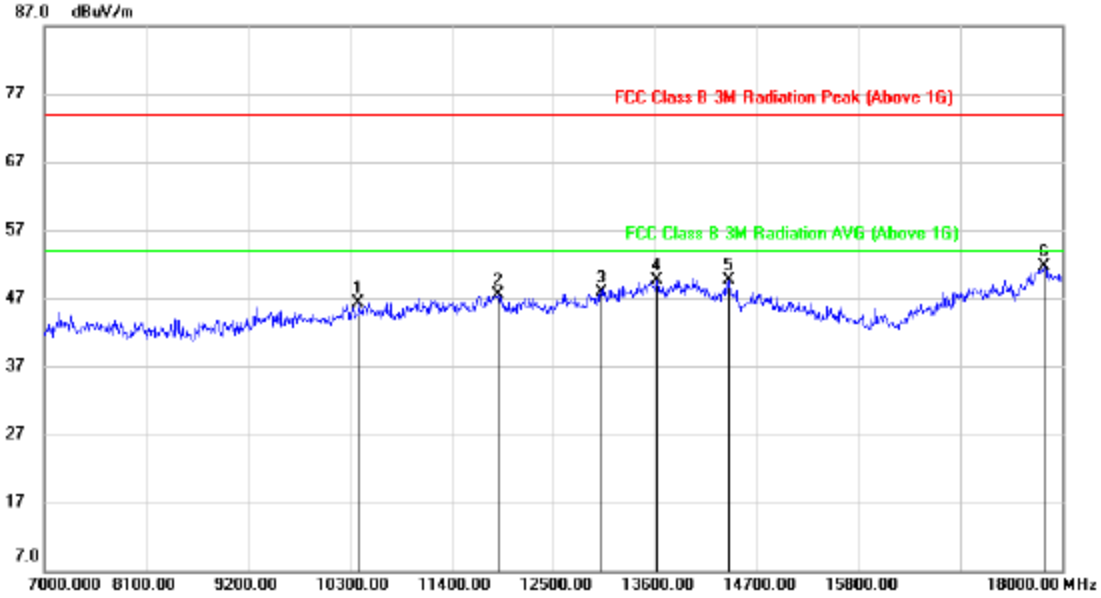
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	56.28	-14.07	42.21	74.00	-31.79	peak			
2		2128.000	51.02	-9.94	41.08	74.00	-32.92	peak			
3		4624.000	51.62	-1.95	49.67	74.00	-24.33	peak			
4		5104.000	50.75	-0.27	50.48	74.00	-23.52	peak			
5	*	5746.000	50.32	1.15	51.47	74.00	-22.53	peak			
6		6544.000	43.09	3.83	46.92	74.00	-27.08	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

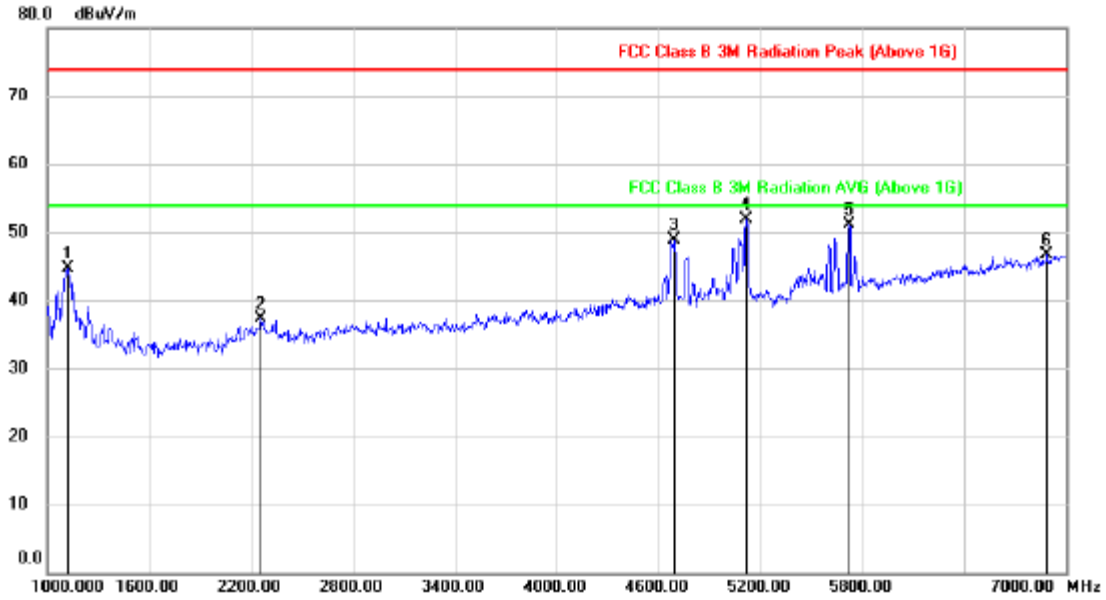


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10399.00	34.86	11.50	46.36	74.00	-27.64	peak			
2		11906.00	32.67	14.75	47.42	74.00	-26.58	peak			
3		13017.00	31.10	16.76	47.86	74.00	-26.14	peak			
4		13622.00	31.21	18.49	49.70	74.00	-24.30	peak			
5		14392.00	31.42	18.32	49.74	74.00	-24.26	peak			
6	*	17802.00	27.04	24.61	51.65	74.00	-22.35	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

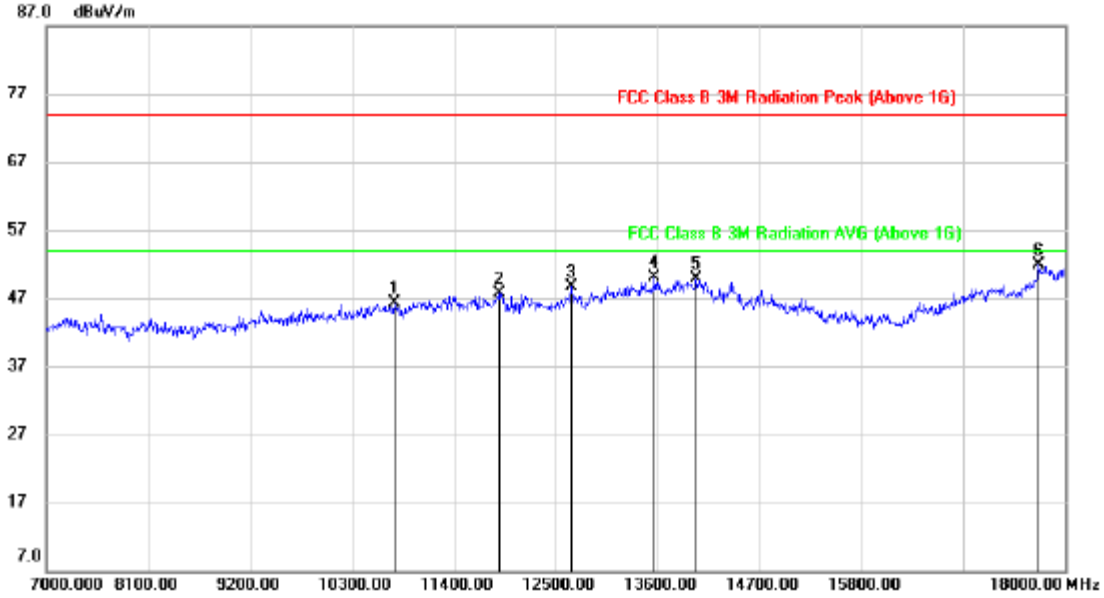
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1126.000	58.50	-13.79	44.71	74.00	-29.29	peak			
2		2260.000	45.71	-8.37	37.34	74.00	-36.66	peak			
3		4690.000	50.89	-1.94	48.95	74.00	-25.05	peak			
4	*	5116.000	52.36	-0.41	51.95	74.00	-22.05	peak			
5		5722.000	50.13	0.97	51.10	74.00	-22.90	peak			
6		6886.000	41.77	4.92	46.69	74.00	-27.31	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

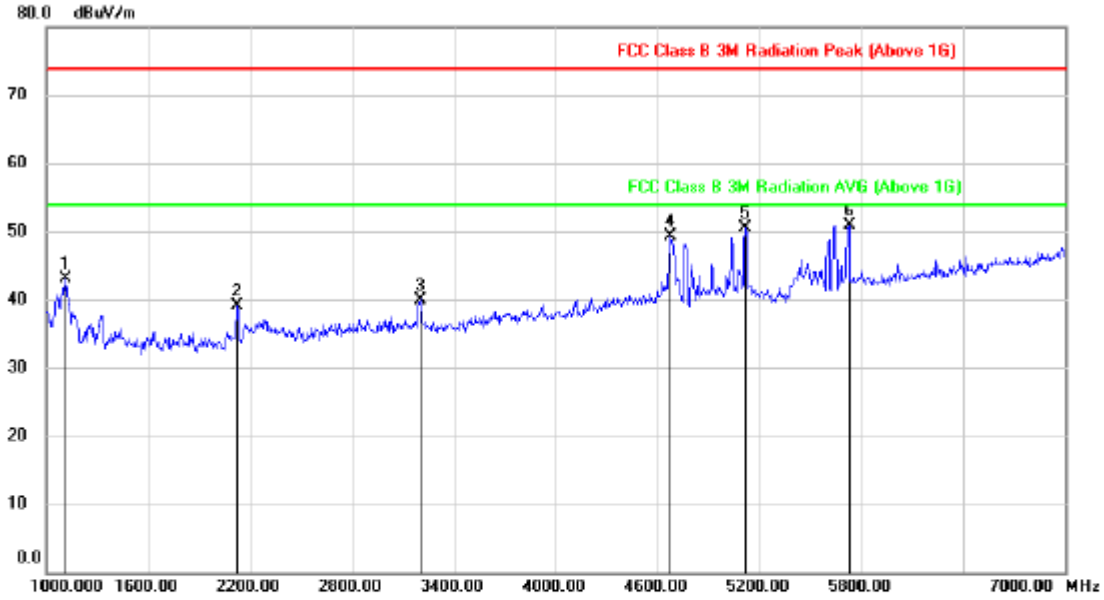
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10762.00	34.01	12.24	46.25	74.00	-27.75	peak			
2		11895.00	32.55	15.15	47.70	74.00	-26.30	peak			
3		12665.00	33.29	15.38	48.67	74.00	-25.33	peak			
4		13567.00	31.69	18.38	50.07	74.00	-23.93	peak			
5		14018.00	31.46	18.47	49.93	74.00	-24.07	peak			
6	*	17714.00	28.47	23.46	51.93	74.00	-22.07	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

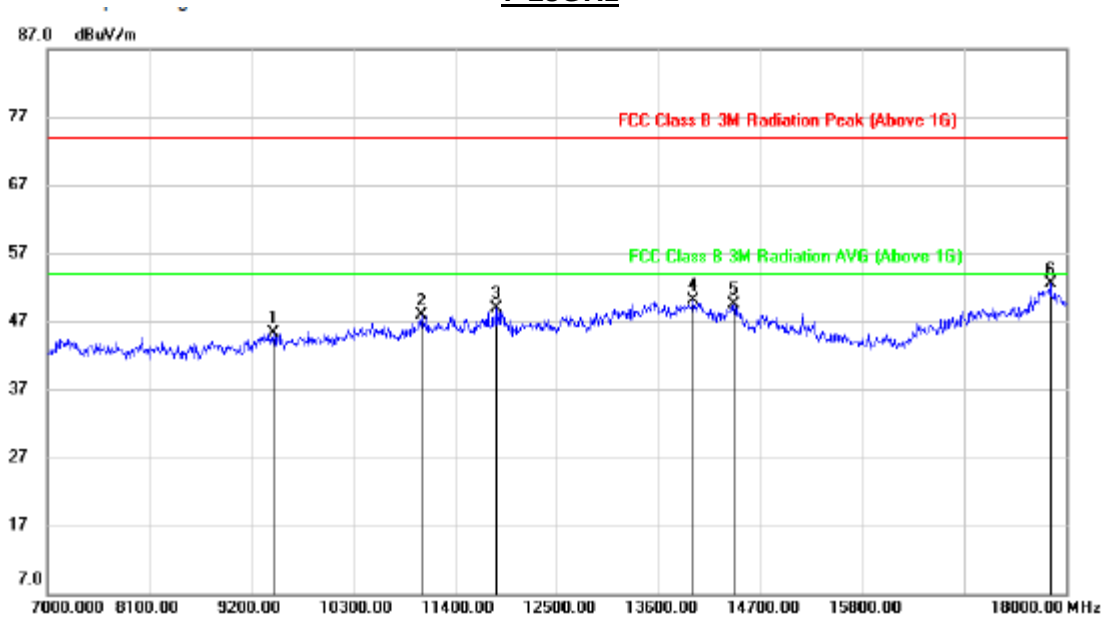
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	57.14	-14.10	43.04	74.00	-30.96	peak			
2		2122.000	49.05	-10.03	39.02	74.00	-34.98	peak			
3		3202.000	46.48	-6.48	40.00	74.00	-34.00	peak			
4		4678.000	51.19	-1.86	49.33	74.00	-24.67	peak			
5		5116.000	50.62	-0.21	50.41	74.00	-23.59	peak			
6	*	5728.000	49.87	1.09	50.96	74.00	-23.04	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

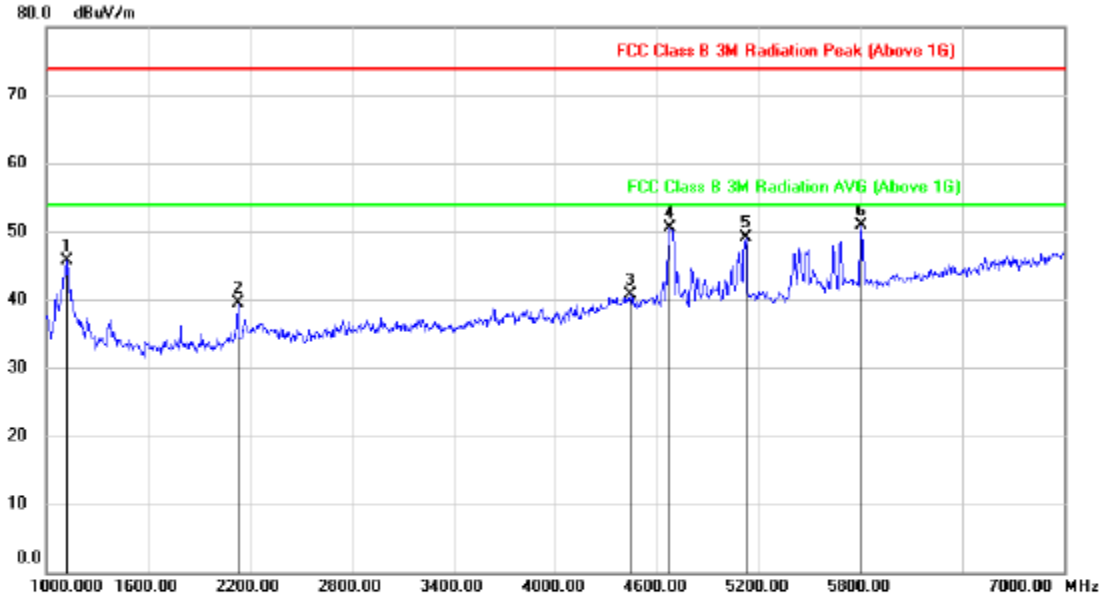


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9442.000	35.67	9.66	45.33	74.00	-28.67	peak			
2		11037.00	35.02	12.90	47.92	74.00	-26.08	peak			
3		11851.00	34.12	14.72	48.84	74.00	-25.16	peak			
4		13974.00	31.49	18.61	50.10	74.00	-23.90	peak			
5		14414.00	31.36	18.13	49.49	74.00	-24.51	peak			
6	*	17824.00	28.17	24.26	52.43	74.00	-21.57	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

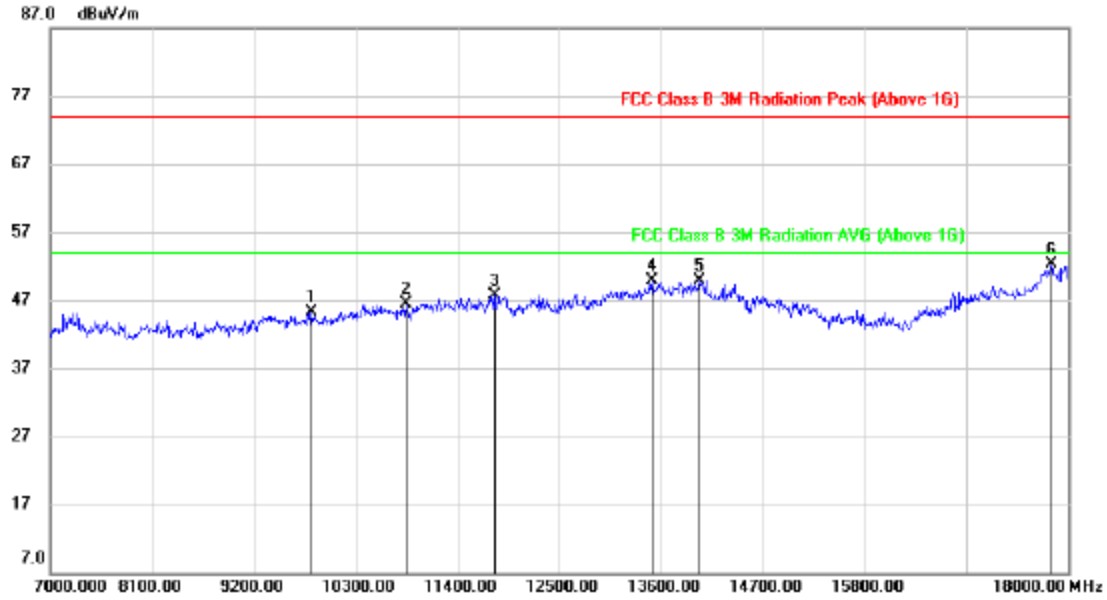
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	59.47	-13.81	45.66	74.00	-28.34	peak			
2		2128.000	49.32	-9.84	39.48	74.00	-34.52	peak			
3		4444.000	43.12	-2.41	40.71	74.00	-33.29	peak			
4		4678.000	52.37	-1.96	50.41	74.00	-23.59	peak			
5		5122.000	49.45	-0.38	49.07	74.00	-24.93	peak			
6	*	5800.000	49.66	1.32	50.98	74.00	-23.02	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

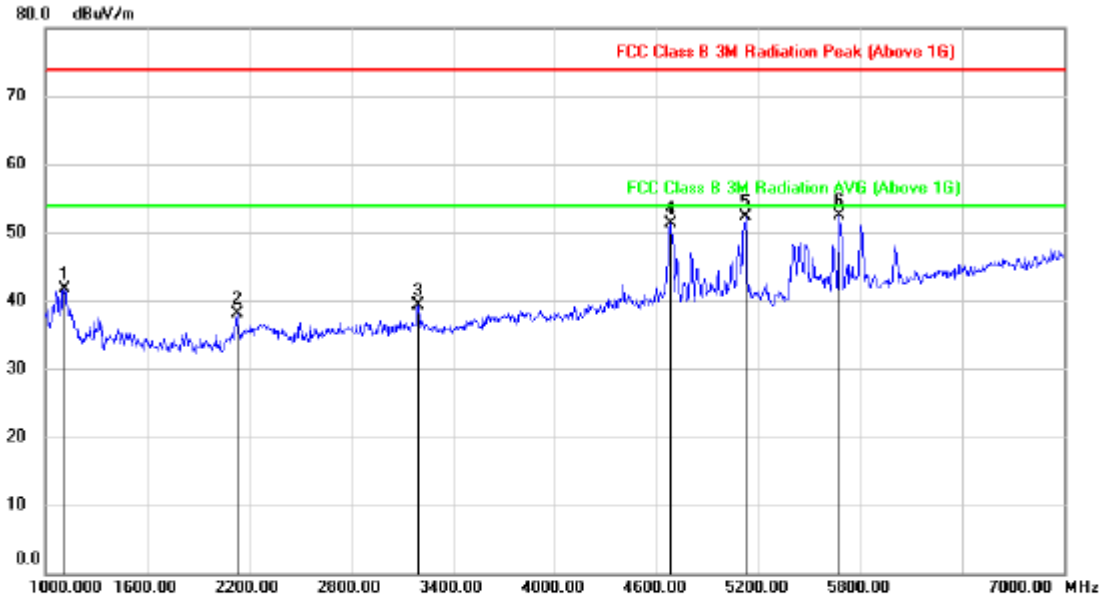
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9816.000	35.09	10.22	45.31	74.00	-28.69	peak			
2		10850.00	34.22	12.19	46.41	74.00	-27.59	peak			
3		11796.00	33.96	13.68	47.64	74.00	-26.36	peak			
4		13501.00	31.86	18.06	49.92	74.00	-24.08	peak			
5		14018.00	31.36	18.47	49.83	74.00	-24.17	peak			
6	*	17813.00	28.11	24.25	52.36	74.00	-21.64	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

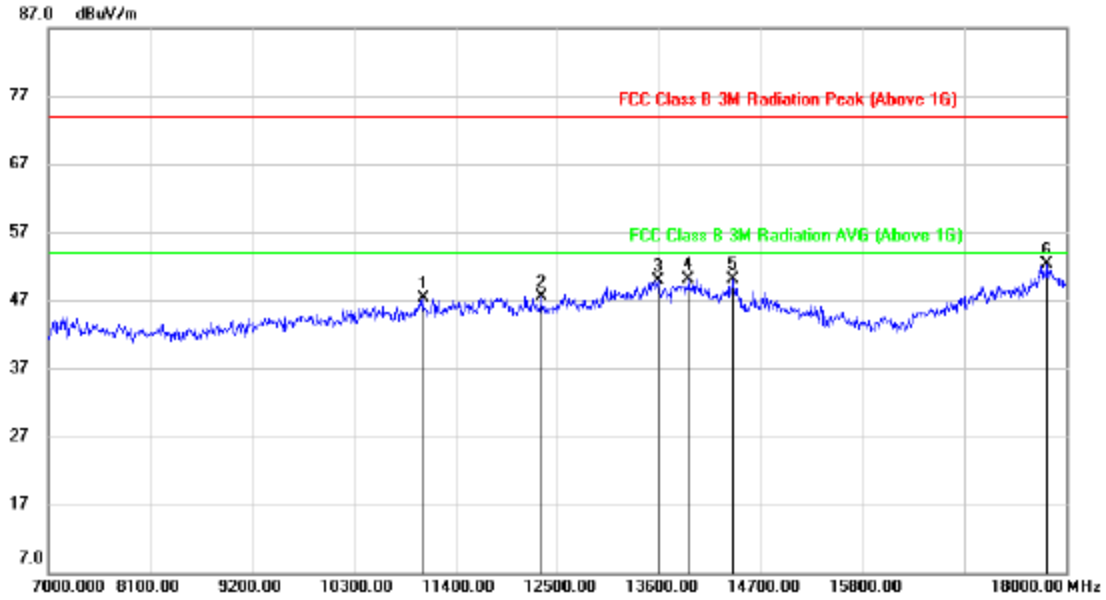
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	55.83	-14.10	41.73	74.00	-32.27	peak			
2		2128.000	48.13	-9.94	38.19	74.00	-35.81	peak			
3		3196.000	45.70	-6.49	39.21	74.00	-34.79	peak			
4		4684.000	53.20	-1.85	51.35	74.00	-22.65	peak			
5		5122.000	52.48	-0.18	52.30	74.00	-21.70	peak			
6	*	5674.000	51.51	0.92	52.43	74.00	-21.57	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11048.00	34.47	12.92	47.39	74.00	-26.61	peak			
2		12324.00	32.97	14.55	47.52	74.00	-26.48	peak			
3		13589.00	31.45	18.46	49.91	74.00	-24.09	peak			
4		13919.00	31.43	18.71	50.14	74.00	-23.86	peak			
5		14403.00	31.71	18.30	50.01	74.00	-23.99	peak			
6	*	17791.00	27.88	24.52	52.40	74.00	-21.60	peak			

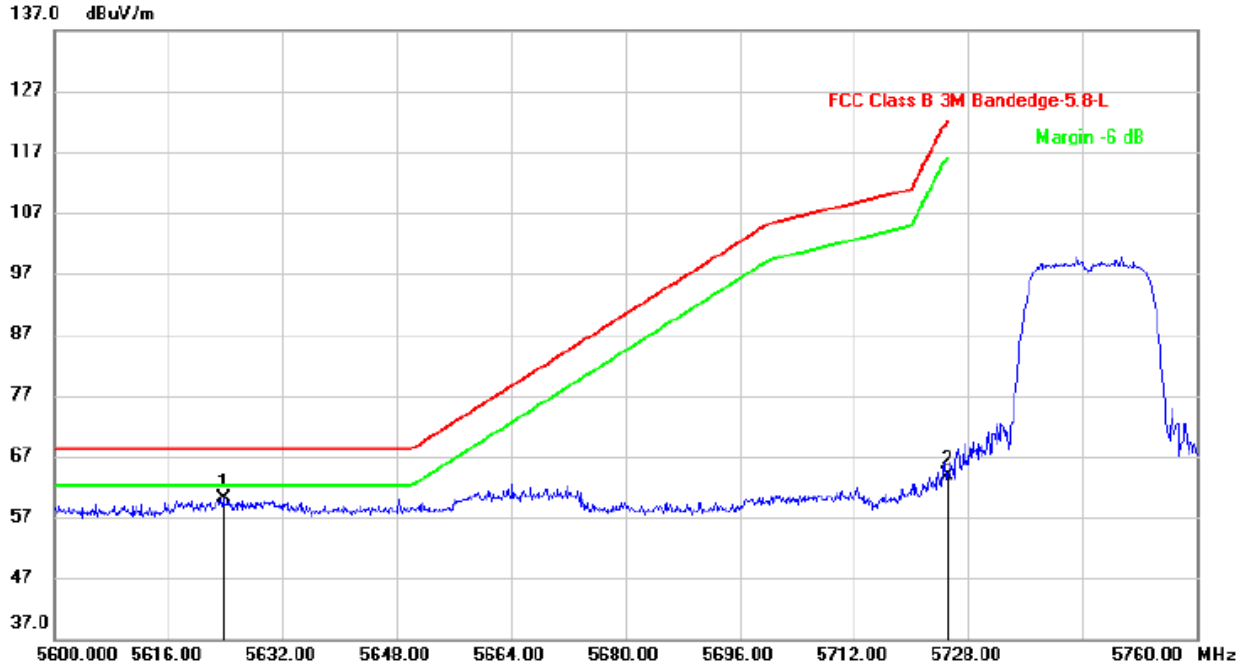
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7.2.2. UNII-3 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

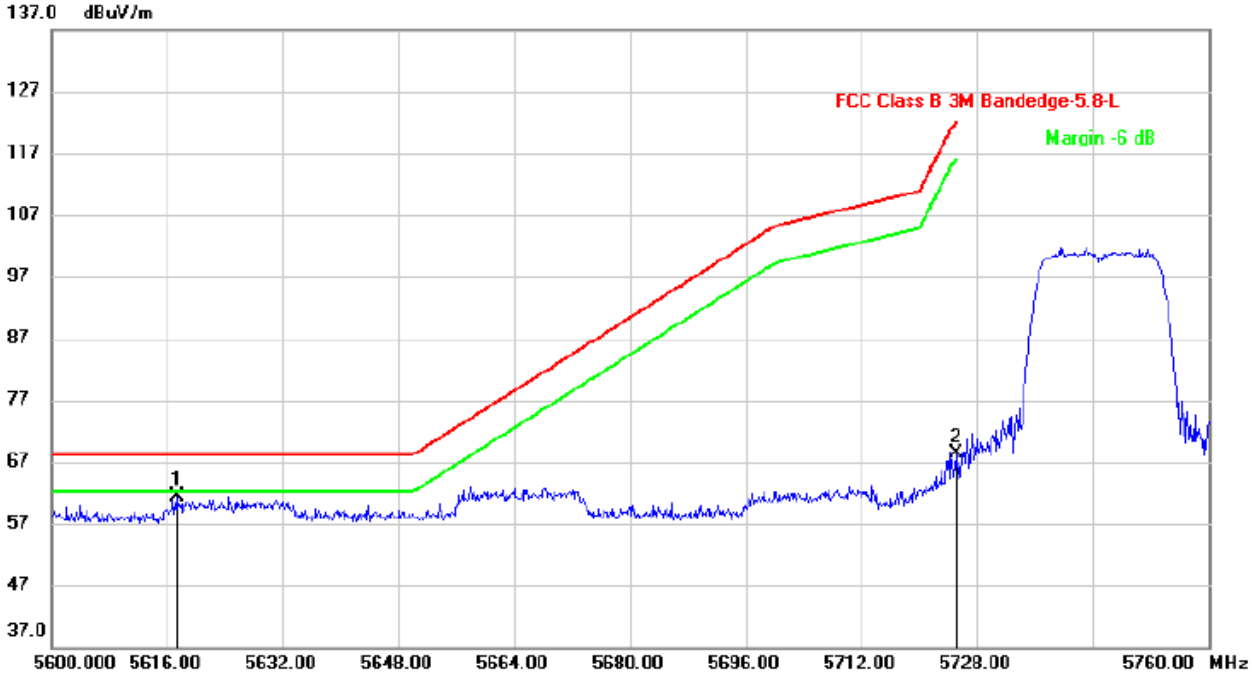
HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5623.680	19.04	41.16	60.20	68.20	-8.00	peak			
2		5725.000	22.61	41.39	64.00	122.2	-58.20	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

VERTICAL RESULTS

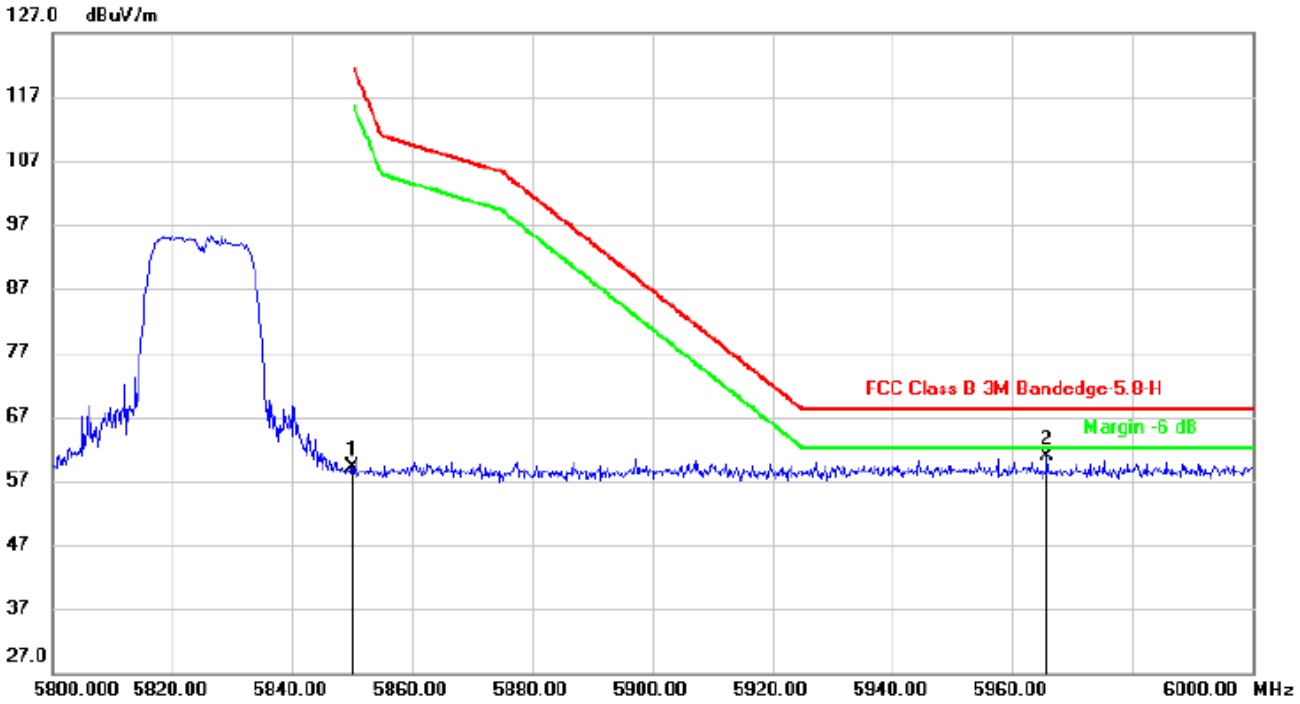


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5617.280	20.27	41.19	61.46	68.20	-6.74	peak			
2		5725.000	27.00	41.49	68.49	122.2	-53.71	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE HIGH CHANNEL

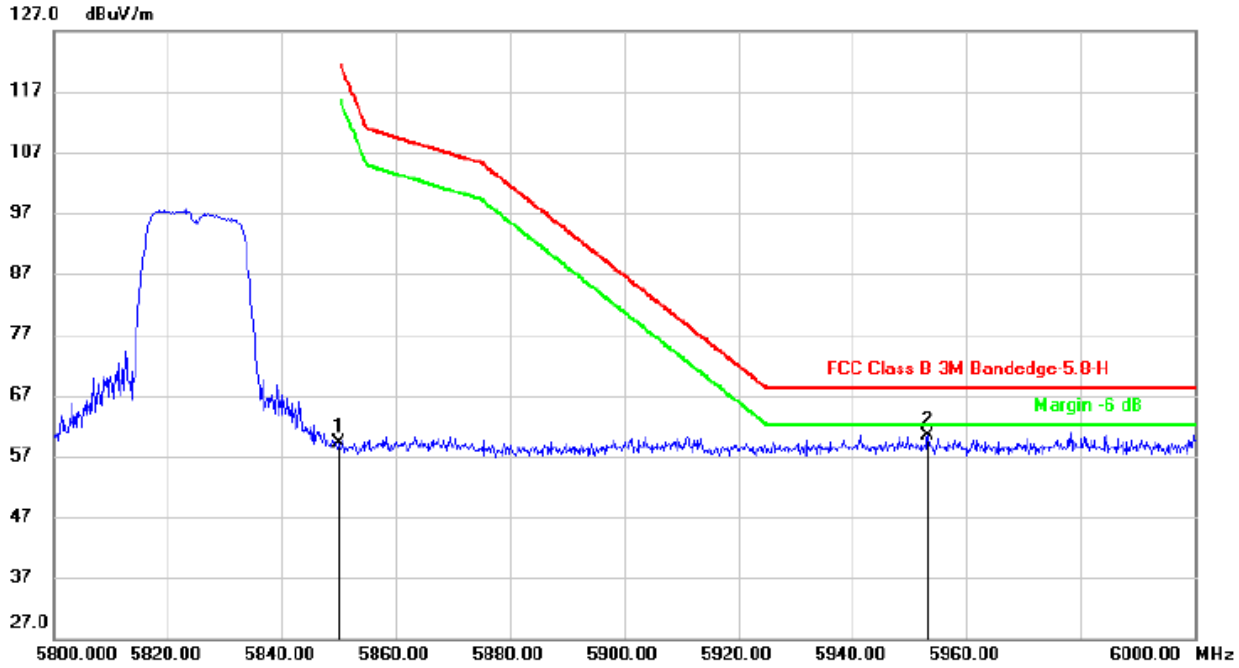
HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	17.40	41.77	59.17	122.2	-63.03	peak			
2	*	5965.800	18.82	42.09	60.91	68.20	-7.29	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

VERTICAL RESULTS

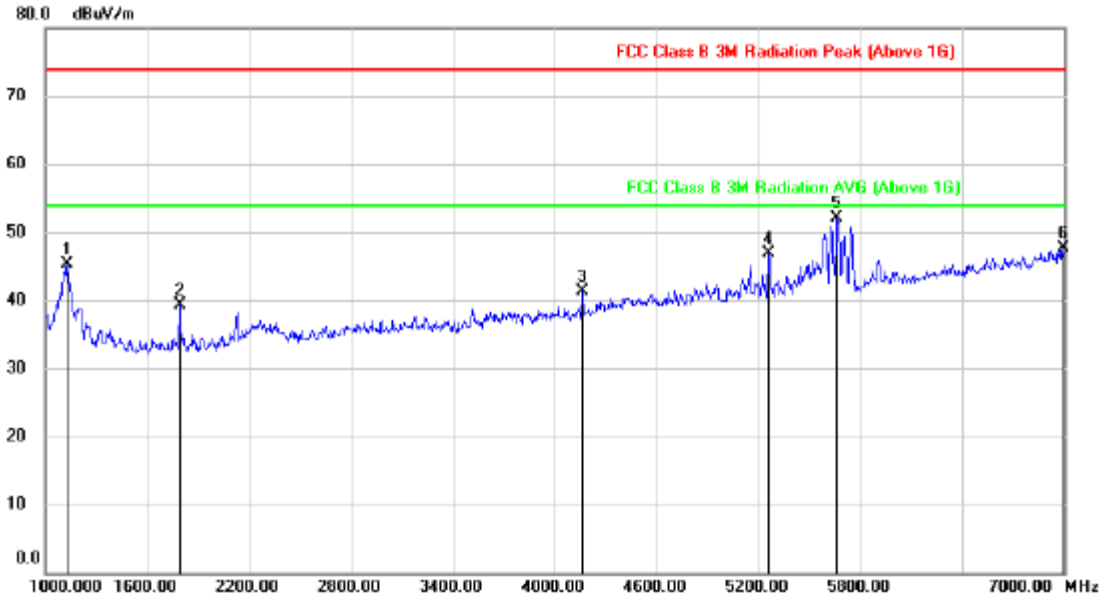


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	17.21	41.87	59.08	122.2	-63.12	peak			
2	*	5953.200	18.33	42.12	60.45	68.20	-7.75	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

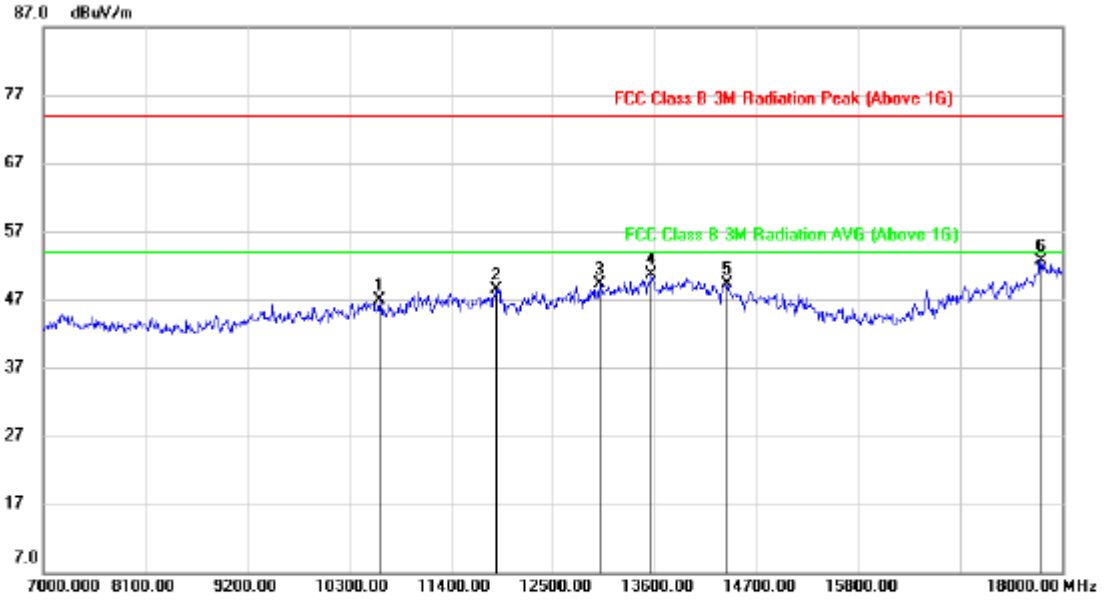
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1132.000	59.10	-13.77	45.33	74.00	-28.67	peak			
2		1792.000	51.13	-11.77	39.36	74.00	-34.64	peak			
3		4162.000	45.10	-3.84	41.26	74.00	-32.74	peak			
4		5260.000	47.07	-0.26	46.81	74.00	-27.19	peak			
5	*	5662.000	51.39	0.77	52.16	74.00	-21.84	peak			
6		6994.000	42.34	5.37	47.71	74.00	-26.29	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

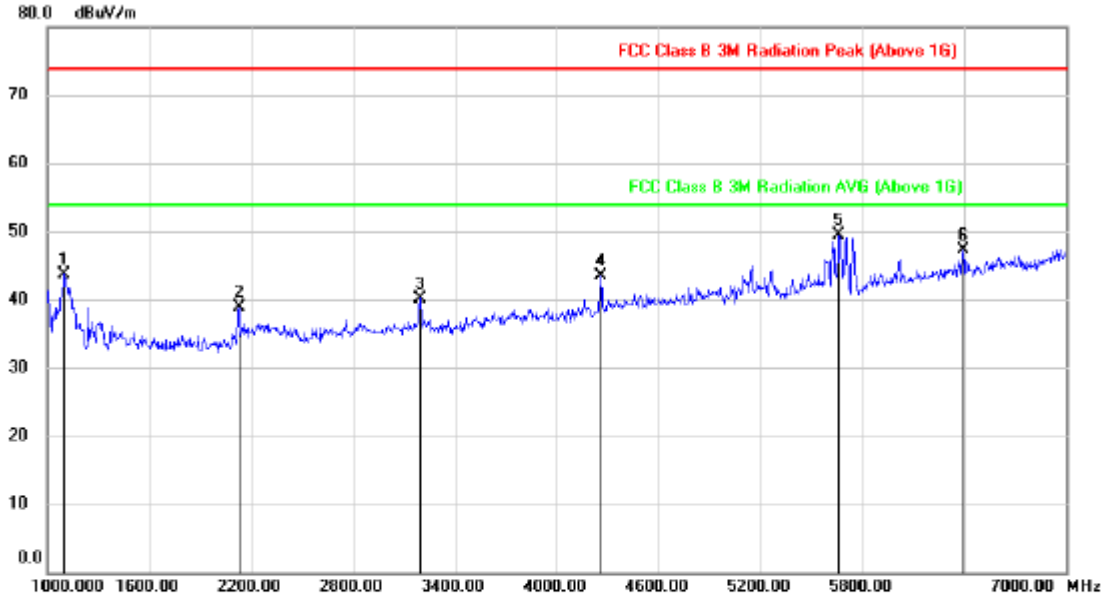
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10630.00	34.96	11.86	46.82	74.00	-27.18	peak			
2		11895.00	33.41	15.15	48.56	74.00	-25.44	peak			
3		13006.00	32.78	16.62	49.40	74.00	-24.60	peak			
4		13567.00	32.26	18.38	50.64	74.00	-23.36	peak			
5		14381.00	31.34	17.91	49.25	74.00	-24.75	peak			
6	*	17769.00	28.92	23.83	52.75	74.00	-21.25	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

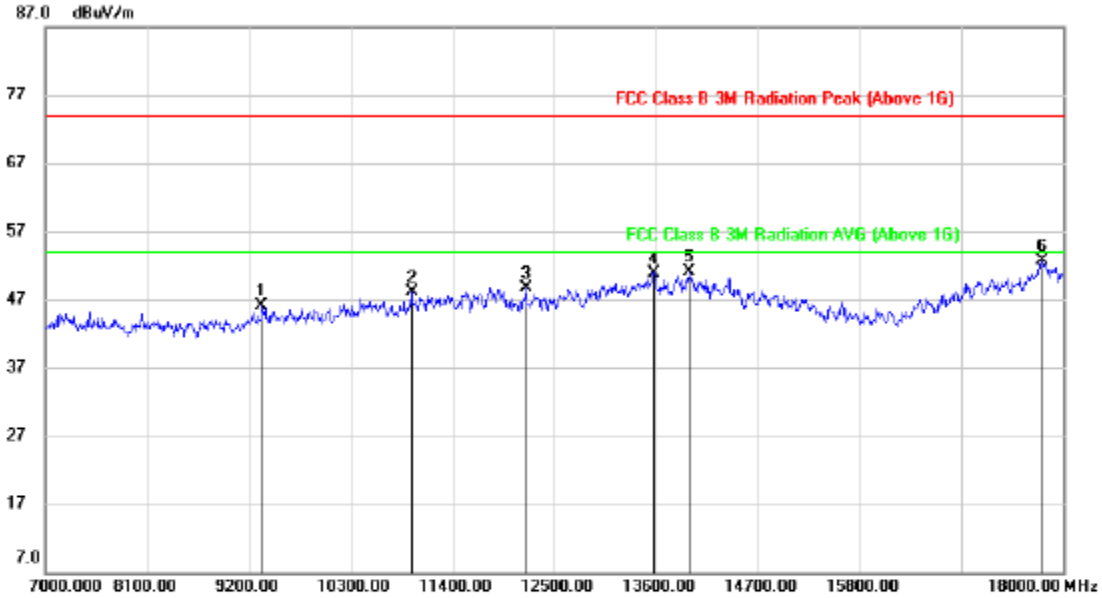
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1102.000	57.98	-14.18	43.80	74.00	-30.20	peak			
2		2128.000	48.91	-9.94	38.97	74.00	-35.03	peak			
3		3196.000	46.69	-6.49	40.20	74.00	-33.80	peak			
4		4258.000	46.73	-3.29	43.44	74.00	-30.56	peak			
5	*	5662.000	48.64	0.87	49.51	74.00	-24.49	peak			
6		6394.000	43.93	3.34	47.27	74.00	-26.73	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

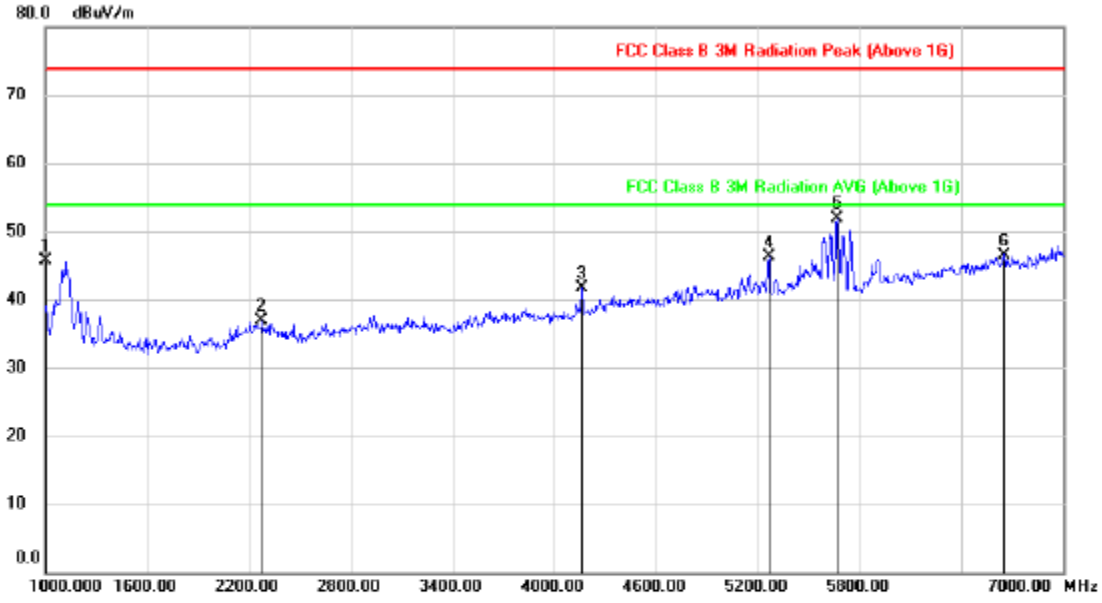


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9343.000	36.71	9.45	46.16	74.00	-27.84	peak			
2		10960.00	35.61	12.58	48.19	74.00	-25.81	peak			
3		12192.00	34.41	14.28	48.69	74.00	-25.31	peak			
4		13578.00	32.42	18.58	51.00	74.00	-23.00	peak			
5		13952.00	32.49	18.66	51.15	74.00	-22.85	peak			
6	*	17769.00	28.40	24.23	52.63	74.00	-21.37	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

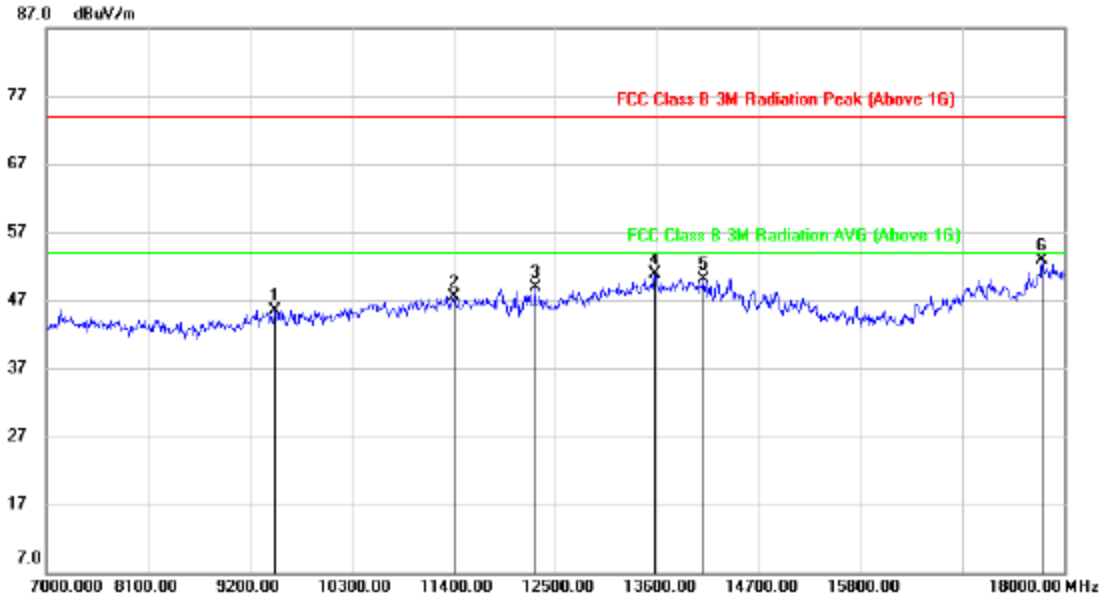
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1000.000	60.41	-14.68	45.73	74.00	-28.27	peak			
2		2278.000	45.19	-8.37	36.82	74.00	-37.18	peak			
3		4162.000	45.48	-3.84	41.64	74.00	-32.36	peak			
4		5266.000	46.52	-0.27	46.25	74.00	-27.75	peak			
5	*	5668.000	51.08	0.80	51.88	74.00	-22.12	peak			
6		6652.000	42.45	4.15	46.60	74.00	-27.40	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

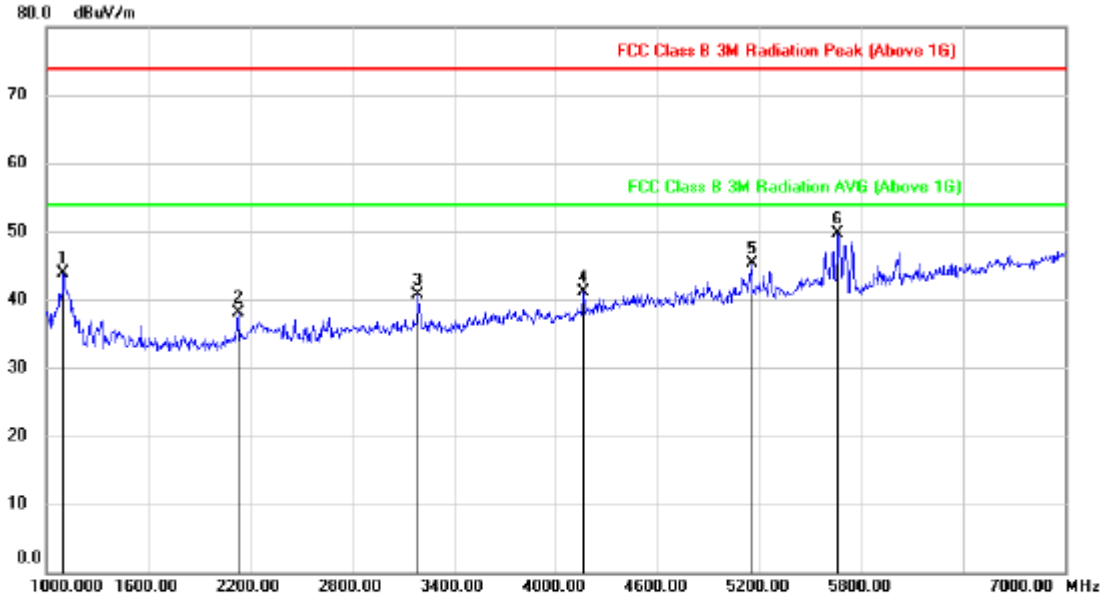
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9475.000	35.96	9.59	45.55	74.00	-28.45	peak			
2		11411.00	33.78	13.76	47.54	74.00	-26.46	peak			
3		12280.00	34.59	14.29	48.88	74.00	-25.12	peak			
4		13578.00	32.51	18.43	50.94	74.00	-23.06	peak			
5		14106.00	31.61	18.46	50.07	74.00	-23.93	peak			
6	*	17758.00	29.28	23.68	52.96	74.00	-21.04	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

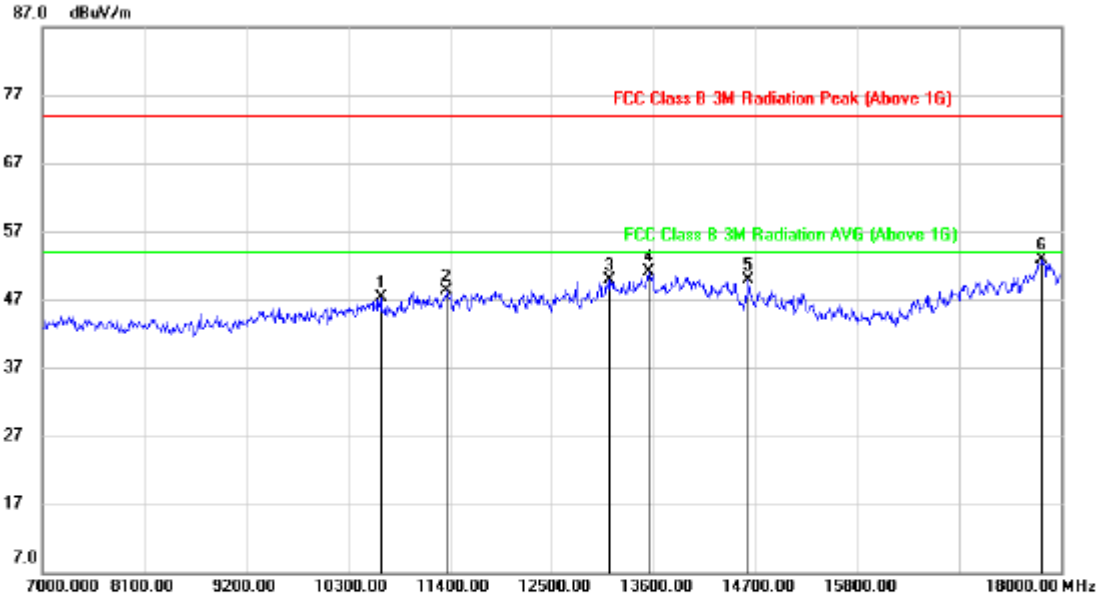
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1102.000	58.11	-14.18	43.93	74.00	-30.07	peak			
2		2128.000	48.13	-9.94	38.19	74.00	-35.81	peak			
3		3190.000	47.17	-6.51	40.66	74.00	-33.34	peak			
4		4162.000	44.84	-3.74	41.10	74.00	-32.90	peak			
5		5152.000	45.31	-0.03	45.28	74.00	-28.72	peak			
6	*	5662.000	48.80	0.87	49.67	74.00	-24.33	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

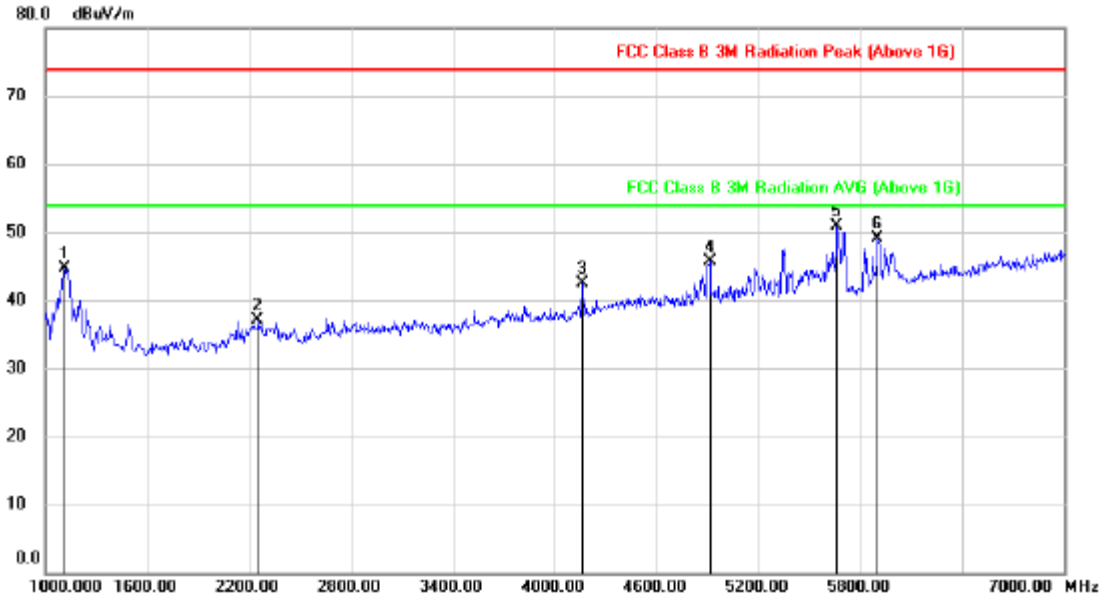


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10652.00	35.06	12.15	47.21	74.00	-26.79	peak			
2		11367.00	34.67	13.64	48.31	74.00	-25.69	peak			
3		13127.00	33.28	16.68	49.96	74.00	-24.04	peak			
4		13545.00	32.31	18.86	51.17	74.00	-22.83	peak			
5		14623.00	33.03	16.92	49.95	74.00	-24.05	peak			
6	*	17791.00	28.31	24.52	52.83	74.00	-21.17	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

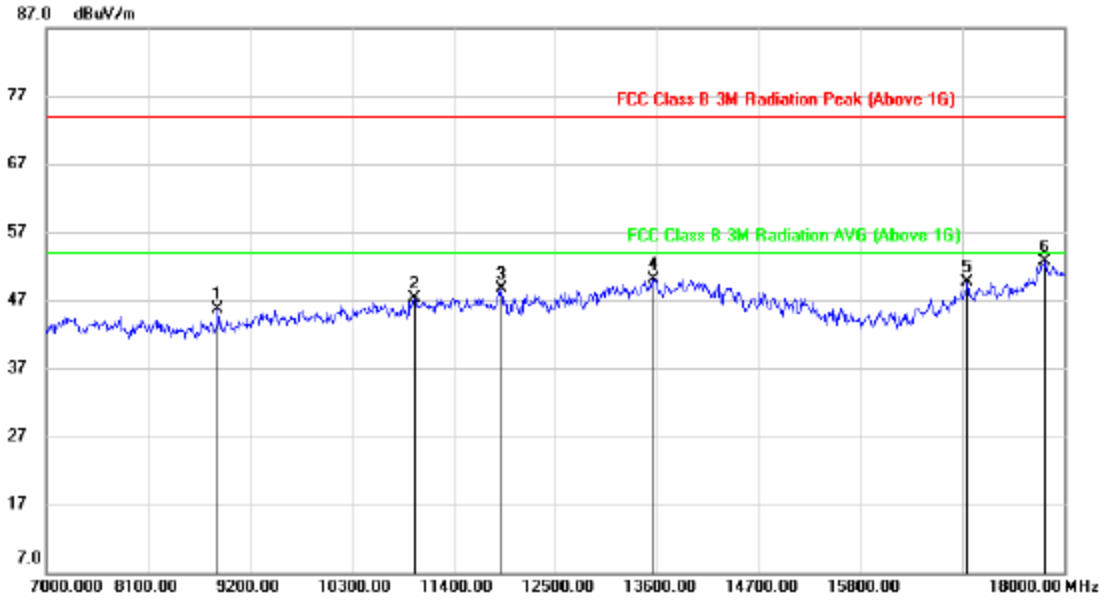
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	58.47	-13.83	44.64	74.00	-29.36	peak			
2		2254.000	45.56	-8.37	37.19	74.00	-36.81	peak			
3		4162.000	46.32	-3.84	42.48	74.00	-31.52	peak			
4		4912.000	46.43	-0.70	45.73	74.00	-28.27	peak			
5	*	5662.000	50.06	0.77	50.83	74.00	-23.17	peak			
6		5902.000	47.70	1.40	49.10	74.00	-24.90	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

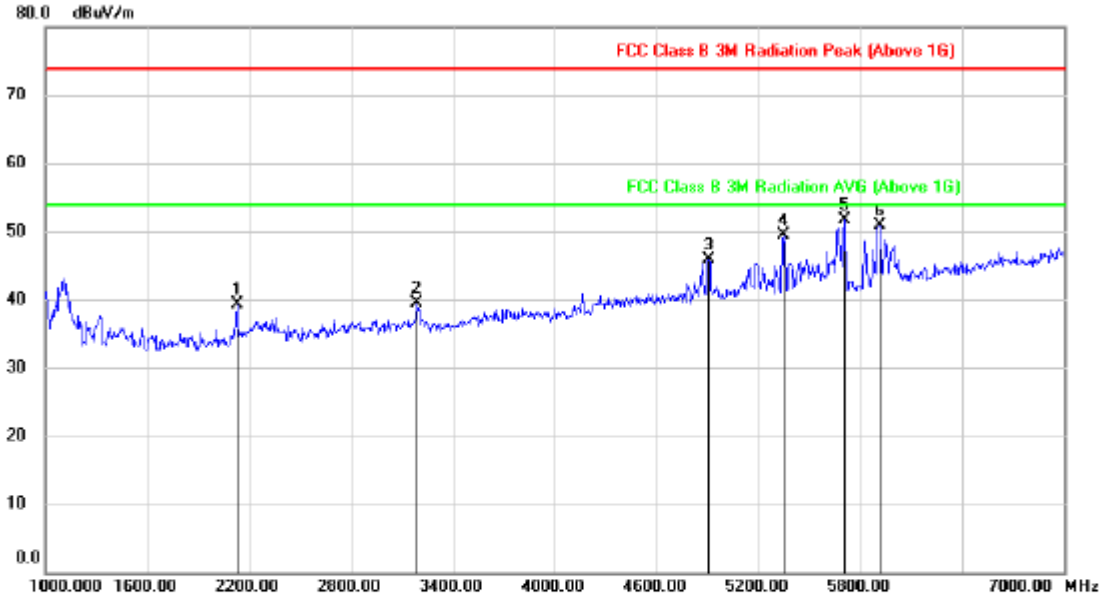
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		8859.000	37.80	7.95	45.75	74.00	-28.25	peak			
2		10982.00	34.57	12.75	47.32	74.00	-26.68	peak			
3		11917.00	33.64	14.98	48.62	74.00	-25.38	peak			
4		13567.00	31.72	18.38	50.10	74.00	-23.90	peak			
5		16955.00	30.41	19.33	49.74	74.00	-24.26	peak			
6	*	17791.00	28.56	24.12	52.68	74.00	-21.32	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

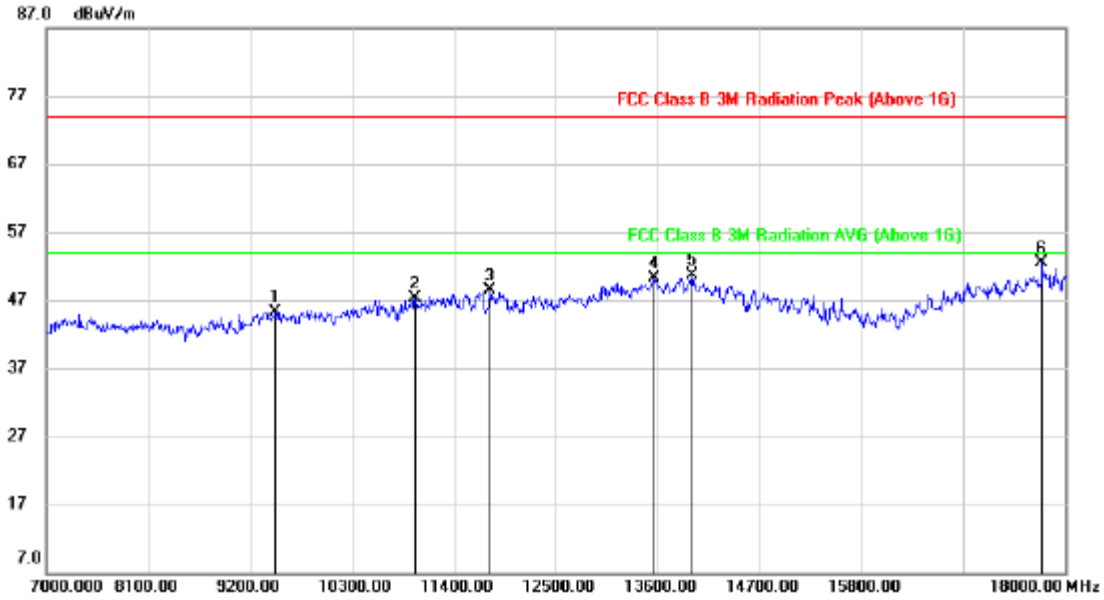
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		2128.000	49.25	-9.94	39.31	74.00	-34.69	peak			
2		3184.000	45.97	-6.52	39.45	74.00	-34.55	peak			
3		4906.000	46.62	-0.77	45.85	74.00	-28.15	peak			
4		5344.000	49.48	-0.06	49.42	74.00	-24.58	peak			
5	*	5704.000	50.61	1.01	51.62	74.00	-22.38	peak			
6		5914.000	49.42	1.58	51.00	74.00	-23.00	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9475.000	35.56	9.74	45.30	74.00	-28.70	peak			
2		10982.00	34.60	12.72	47.32	74.00	-26.68	peak			
3		11785.00	34.03	14.41	48.44	74.00	-25.56	peak			
4		13556.00	31.40	18.84	50.24	74.00	-23.76	peak			
5		13974.00	32.08	18.61	50.69	74.00	-23.31	peak			
6	*	17747.00	28.51	23.94	52.45	74.00	-21.55	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

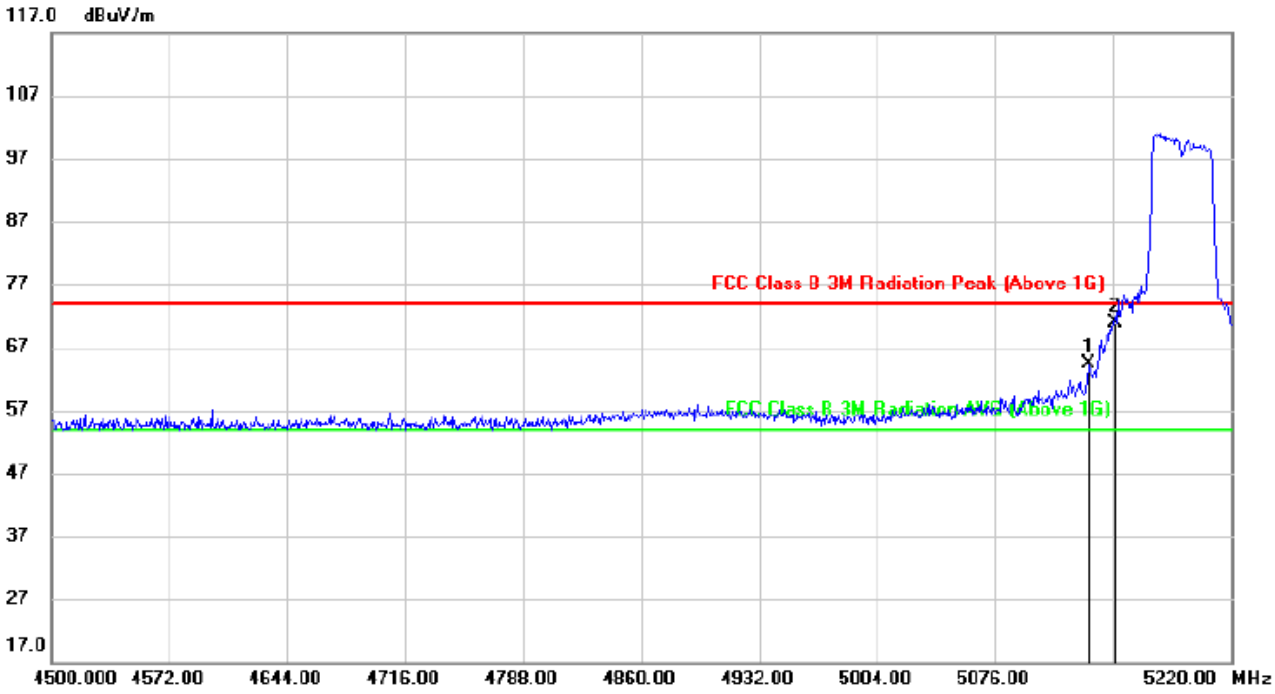
7.1. 802.11n HT40 MODE

7.1.1. UNII-1 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

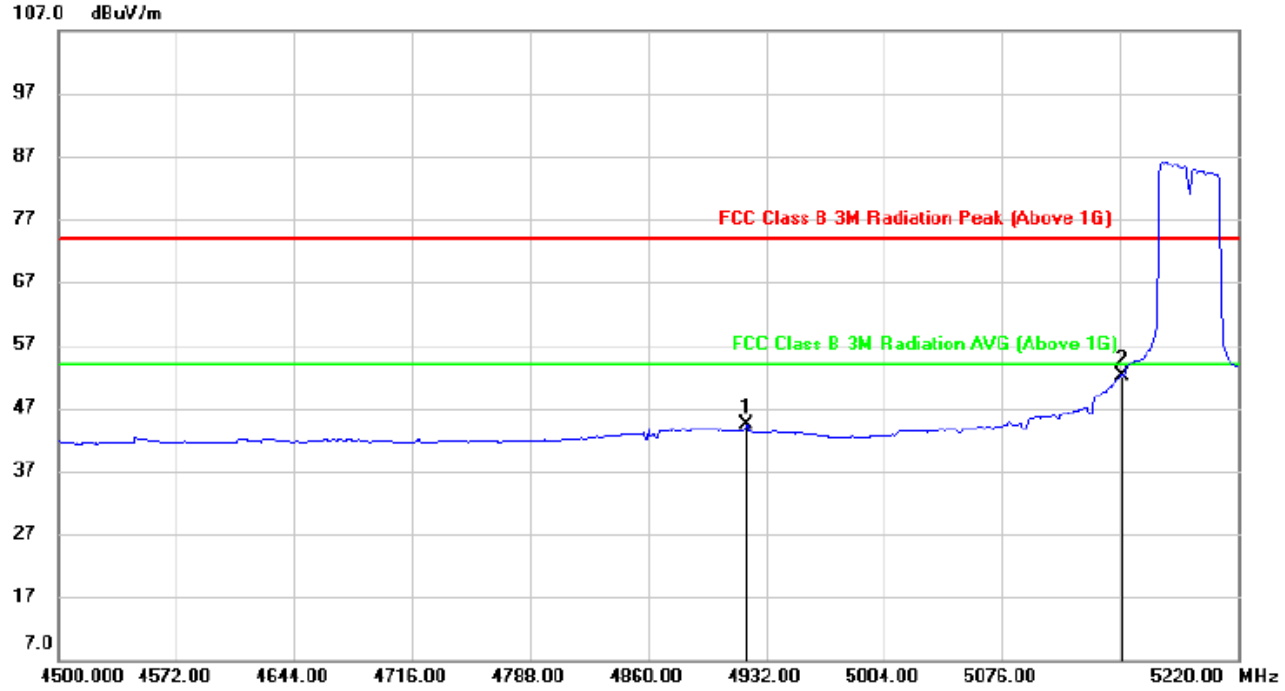
HORIZONTAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5132.880	23.94	40.33	64.27	74.00	-9.73	peak			
2	*	5150.000	30.45	40.40	70.85	74.00	-3.15	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

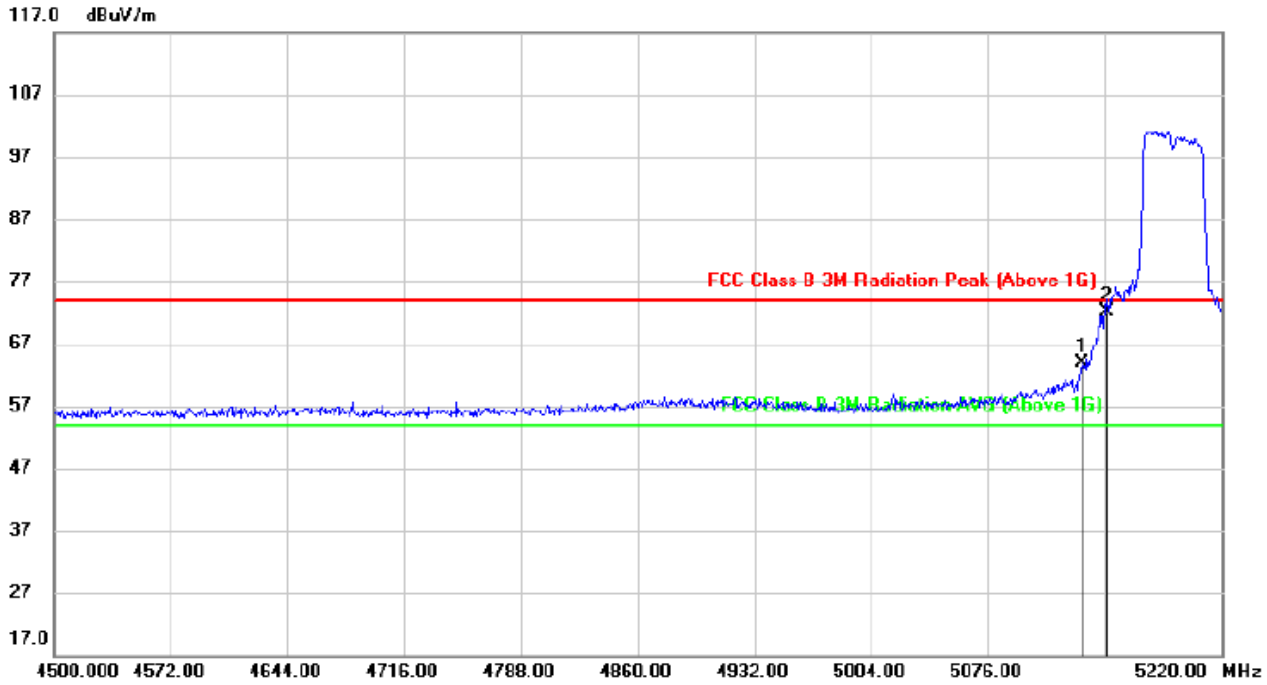
AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4919.760	4.34	40.07	44.41	54.00	-9.59	AVG			
2	*	5150.000	11.81	40.40	52.21	54.00	-1.79	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

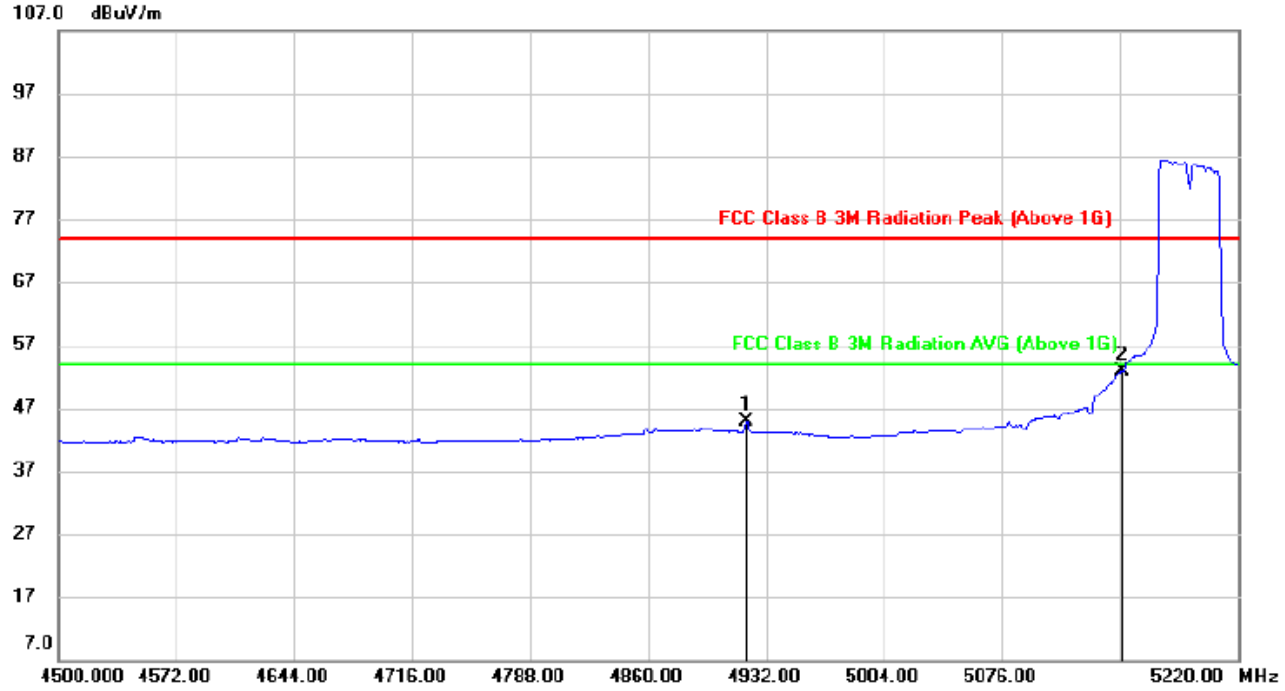
VERTICAL RESULTS
PEAK



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5134.320	23.40	40.53	63.93	74.00	-10.07	peak			
2	*	5150.000	31.65	40.60	72.25	74.00	-1.75	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4919.760	4.96	40.01	44.97	54.00	-9.03	AVG			
2	*	5150.000	12.29	40.60	52.89	54.00	-1.11	AVG			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. AVG: VBW=1/Ton where: ton is transmit duration.
4. For duty cycle, please refer to clause 6.1.
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

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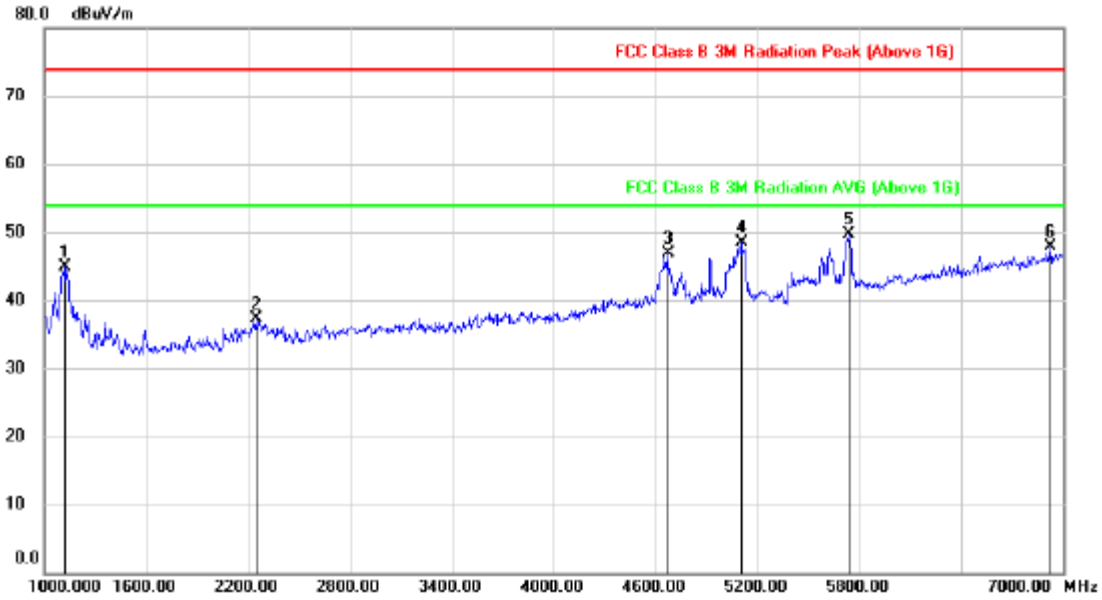
HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

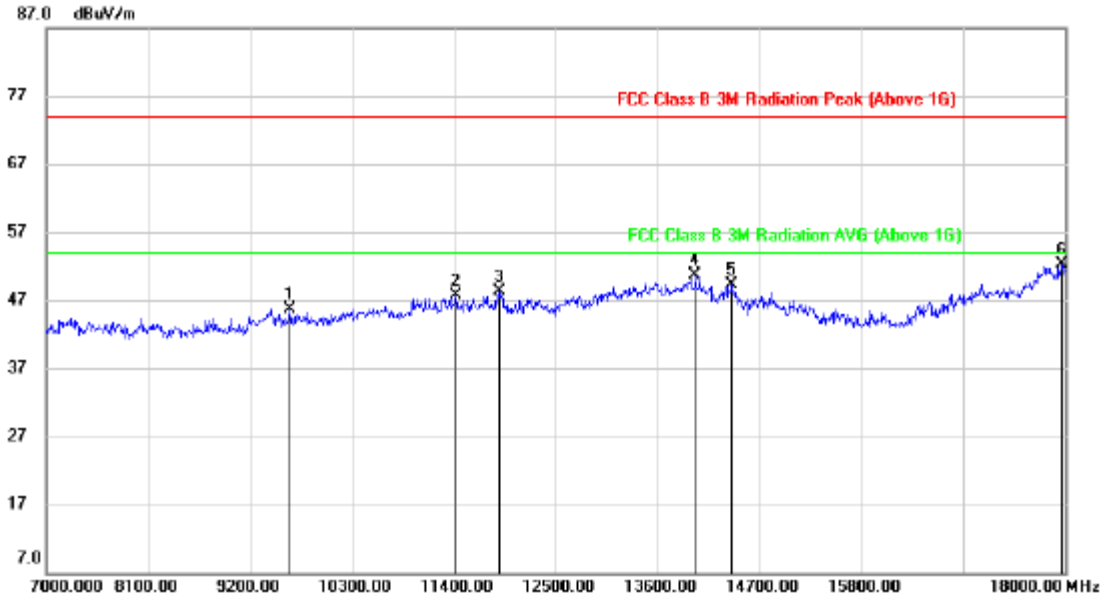
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	58.78	-13.81	44.97	74.00	-29.03	peak			
2		2248.000	45.76	-8.40	37.36	74.00	-36.64	peak			
3		4672.000	48.88	-1.98	46.90	74.00	-27.10	peak			
4		5104.000	48.97	-0.47	48.50	74.00	-25.50	peak			
5	*	5740.000	48.59	1.03	49.62	74.00	-24.38	peak			
6		6922.000	42.75	5.10	47.85	74.00	-26.15	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

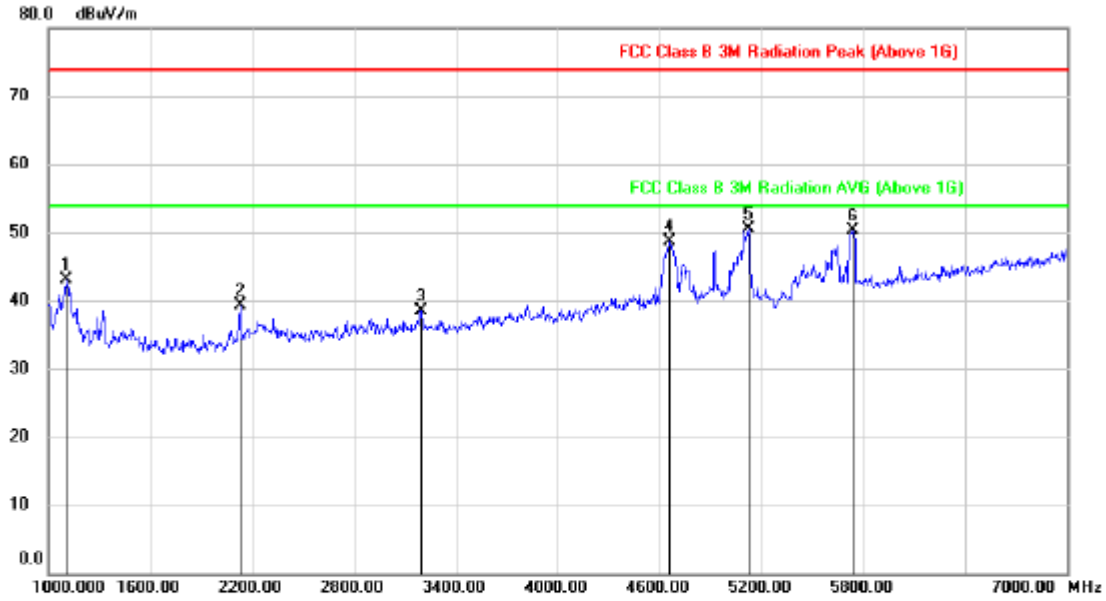
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9629.000	36.02	9.62	45.64	74.00	-28.36	peak			
2		11422.00	33.91	13.79	47.70	74.00	-26.30	peak			
3		11884.00	33.35	14.93	48.28	74.00	-25.72	peak			
4		14007.00	32.22	18.47	50.69	74.00	-23.31	peak			
5		14403.00	31.32	17.89	49.21	74.00	-24.79	peak			
6	*	17956.00	27.45	24.80	52.25	74.00	-21.75	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

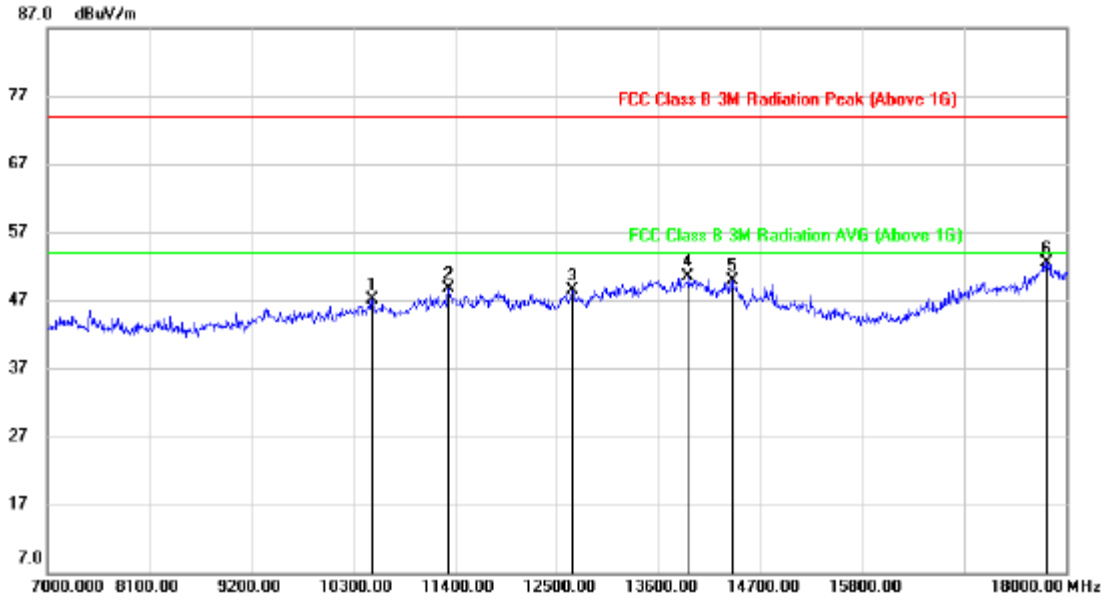
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	57.34	-14.14	43.20	74.00	-30.80	peak			
2		2128.000	49.24	-9.94	39.30	74.00	-34.70	peak			
3		3196.000	44.96	-6.49	38.47	74.00	-35.53	peak			
4		4660.000	50.57	-1.91	48.66	74.00	-25.34	peak			
5	*	5122.000	50.74	-0.18	50.56	74.00	-23.44	peak			
6		5740.000	49.13	1.13	50.26	74.00	-23.74	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

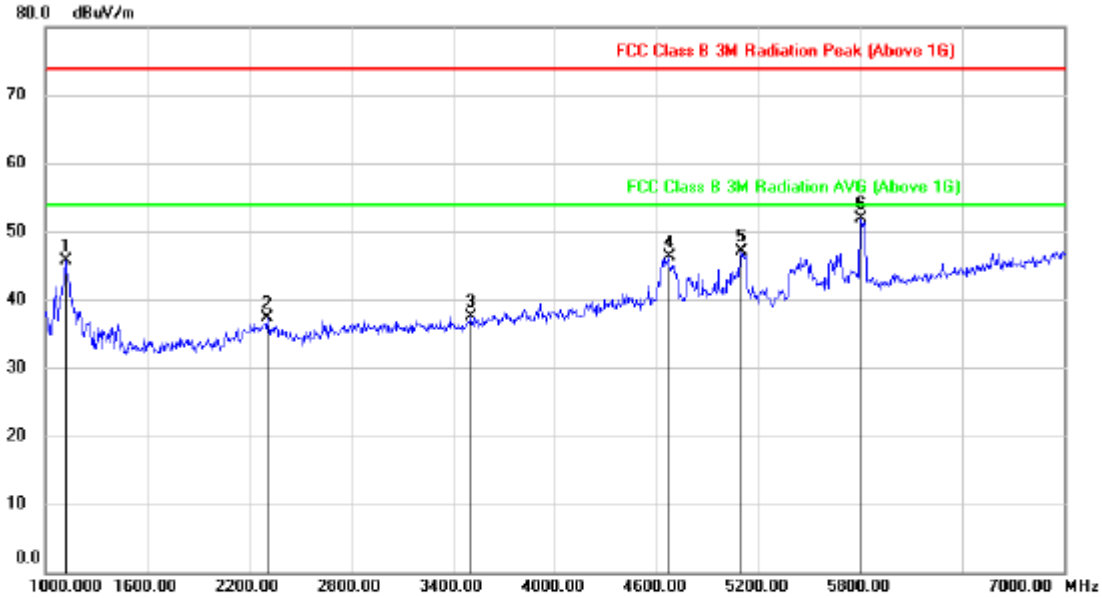


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		10509.00	35.09	11.99	47.08	74.00	-26.92	peak			
2		11334.00	35.26	13.52	48.78	74.00	-25.22	peak			
3		12665.00	33.00	15.49	48.49	74.00	-25.51	peak			
4		13919.00	31.73	18.71	50.44	74.00	-23.56	peak			
5		14392.00	31.52	18.32	49.84	74.00	-24.16	peak			
6	*	17780.00	28.10	24.38	52.48	74.00	-21.52	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

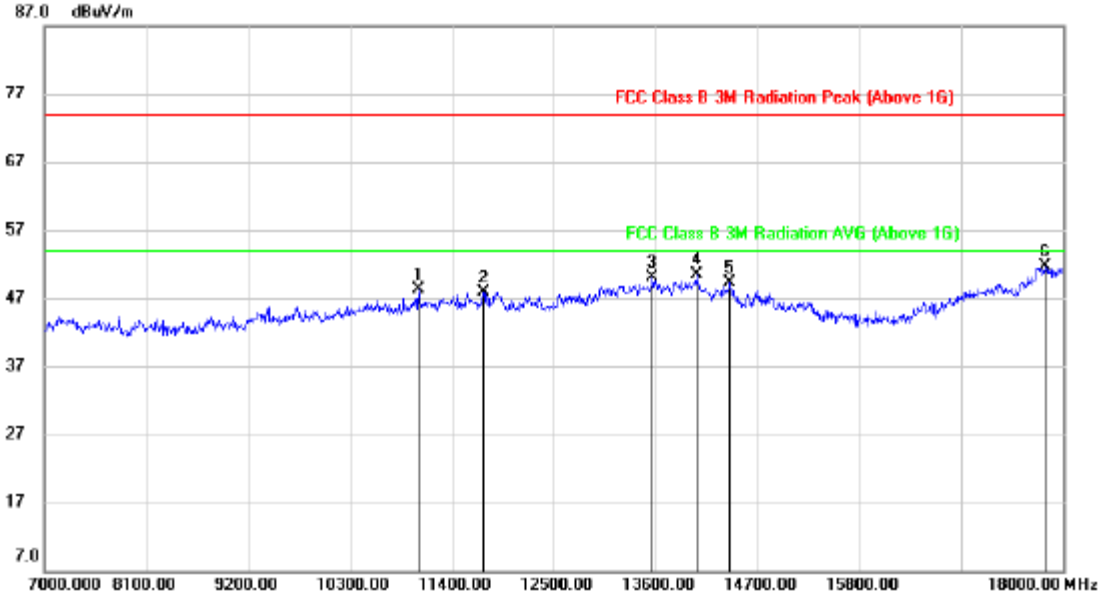
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1120.000	59.43	-13.81	45.62	74.00	-28.38	peak			
2		2308.000	45.64	-8.41	37.23	74.00	-36.77	peak			
3		3508.000	43.55	-6.00	37.55	74.00	-36.45	peak			
4		4672.000	48.23	-1.98	46.25	74.00	-27.75	peak			
5		5098.000	47.53	-0.49	47.04	74.00	-26.96	peak			
6	*	5800.000	50.59	1.32	51.91	74.00	-22.09	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

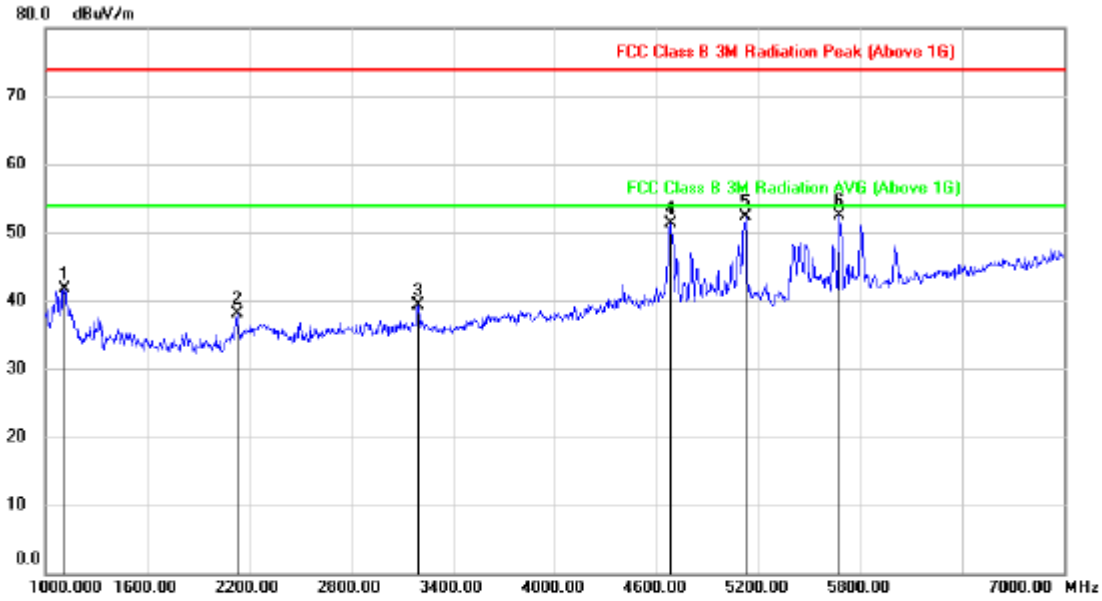
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		11037.00	35.56	12.78	48.34	74.00	-25.66	peak			
2		11741.00	33.28	14.54	47.82	74.00	-26.18	peak			
3		13567.00	31.69	18.38	50.07	74.00	-23.93	peak			
4		14040.00	32.05	18.48	50.53	74.00	-23.47	peak			
5		14403.00	31.42	17.89	49.31	74.00	-24.69	peak			
6	*	17802.00	27.40	24.24	51.64	74.00	-22.36	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

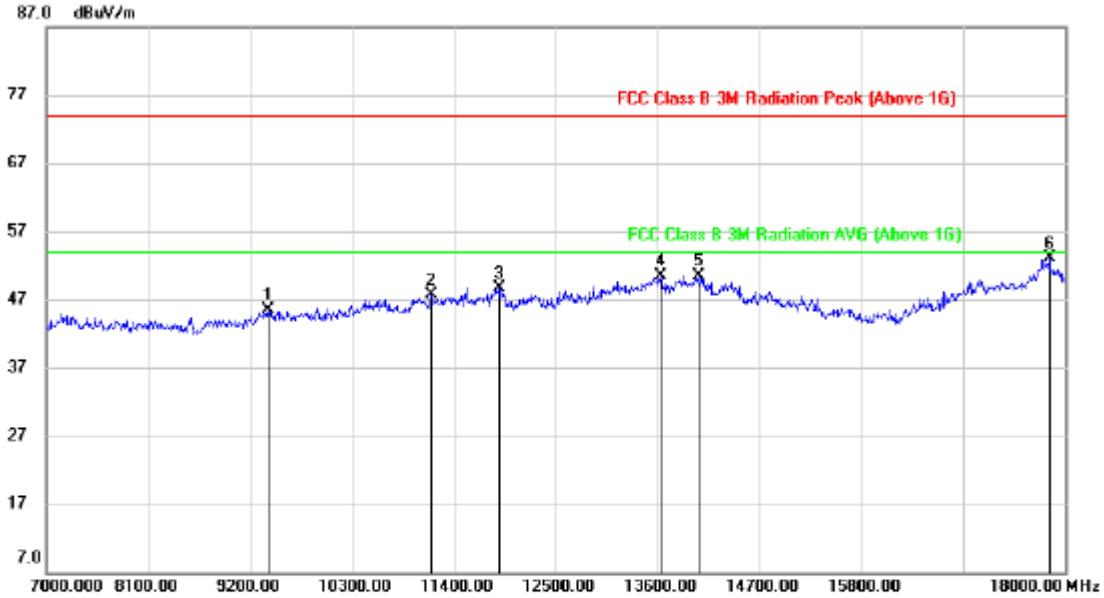
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1114.000	55.83	-14.10	41.73	74.00	-32.27	peak			
2		2128.000	48.13	-9.94	38.19	74.00	-35.81	peak			
3		3196.000	45.70	-6.49	39.21	74.00	-34.79	peak			
4		4684.000	53.20	-1.85	51.35	74.00	-22.65	peak			
5		5122.000	52.48	-0.18	52.30	74.00	-21.70	peak			
6	*	5674.000	51.51	0.92	52.43	74.00	-21.57	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9398.000	35.94	9.55	45.49	74.00	-28.51	peak			
2		11158.00	34.49	13.12	47.61	74.00	-26.39	peak			
3		11884.00	33.98	14.75	48.73	74.00	-25.27	peak			
4		13633.00	31.86	18.56	50.42	74.00	-23.58	peak			
5		14040.00	32.13	18.42	50.55	74.00	-23.45	peak			
6	*	17824.00	28.77	24.26	53.03	74.00	-20.97	peak			

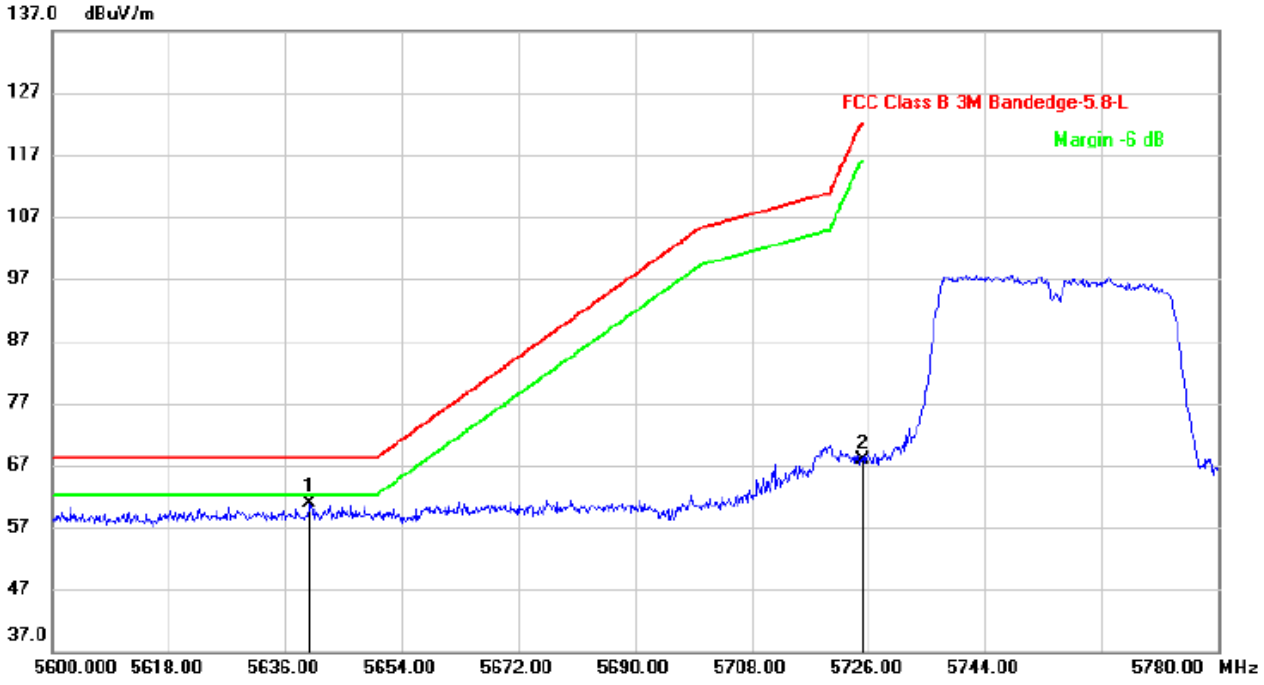
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7.1.2. UNII-3 BAND

ANTENNA1 (WORST-CASE CONFIGURATION)

RESTRICTED BANDEDGE LOW CHANNEL

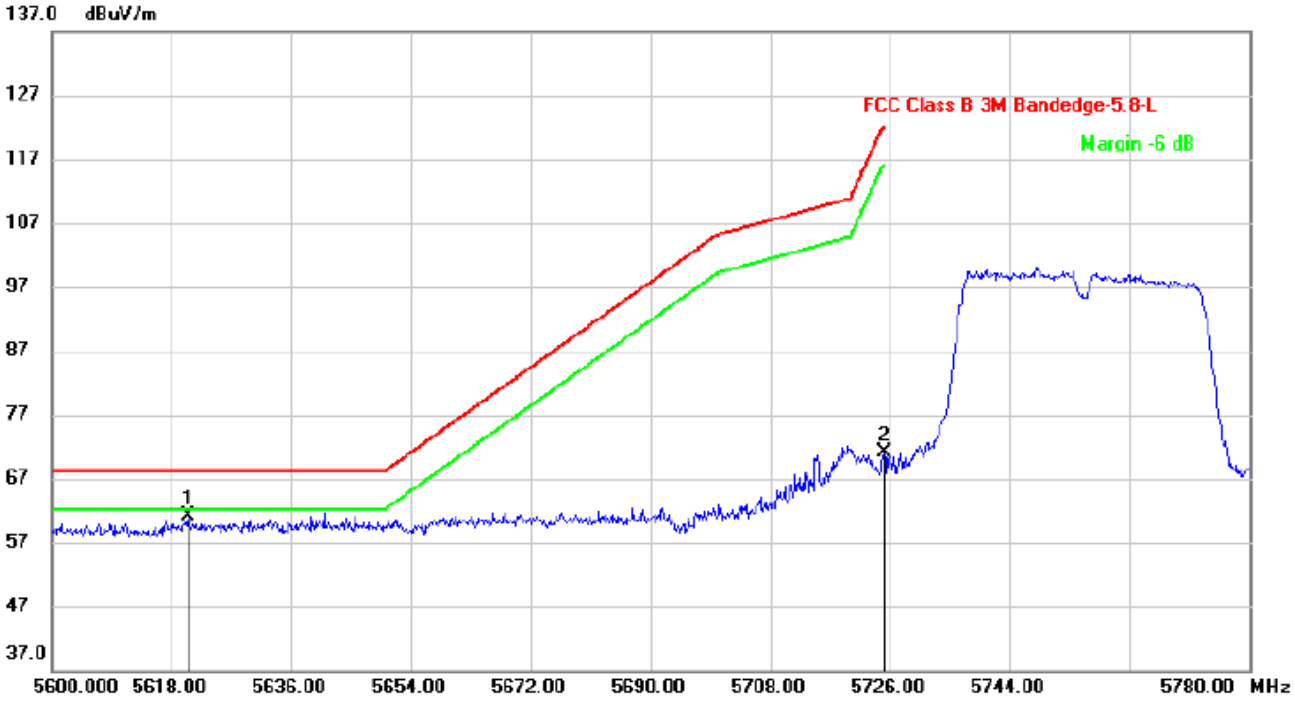
HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5639.780	19.76	41.17	60.93	68.20	-7.27	peak			
2		5725.000	26.53	41.39	67.92	122.2	-54.28	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

VERTICAL RESULTS

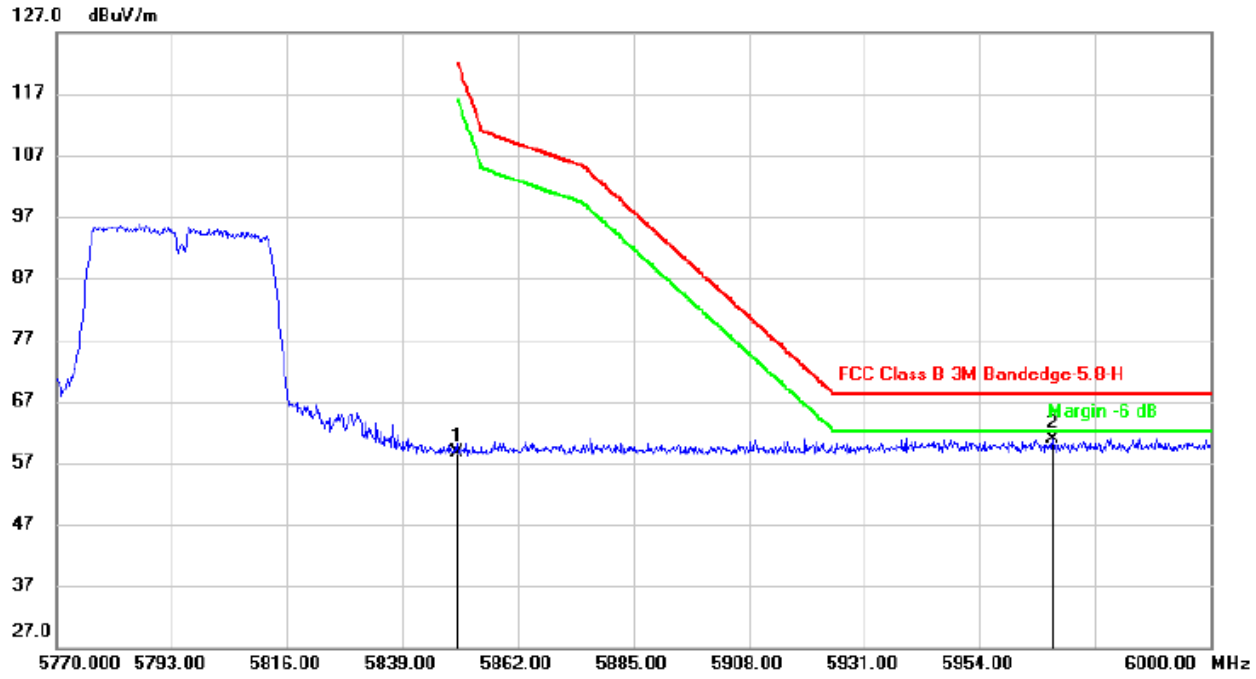


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	5620.520	19.85	41.20	61.05	68.20	-7.15	peak			
2		5725.000	29.71	41.49	71.20	122.2	-51.00	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	16.85	41.77	58.62	122.2	-63.58	peak			
2	*	5968.490	18.66	42.11	60.77	68.20	-7.43	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

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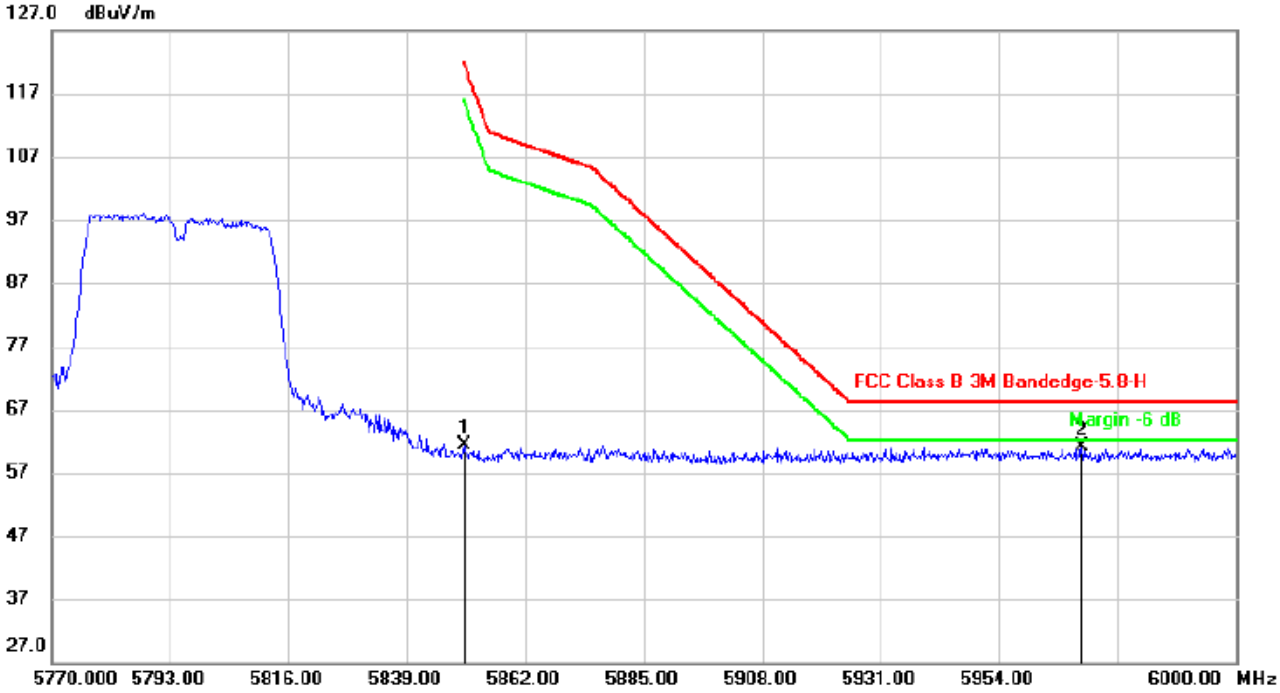
VERTICAL RESULTS

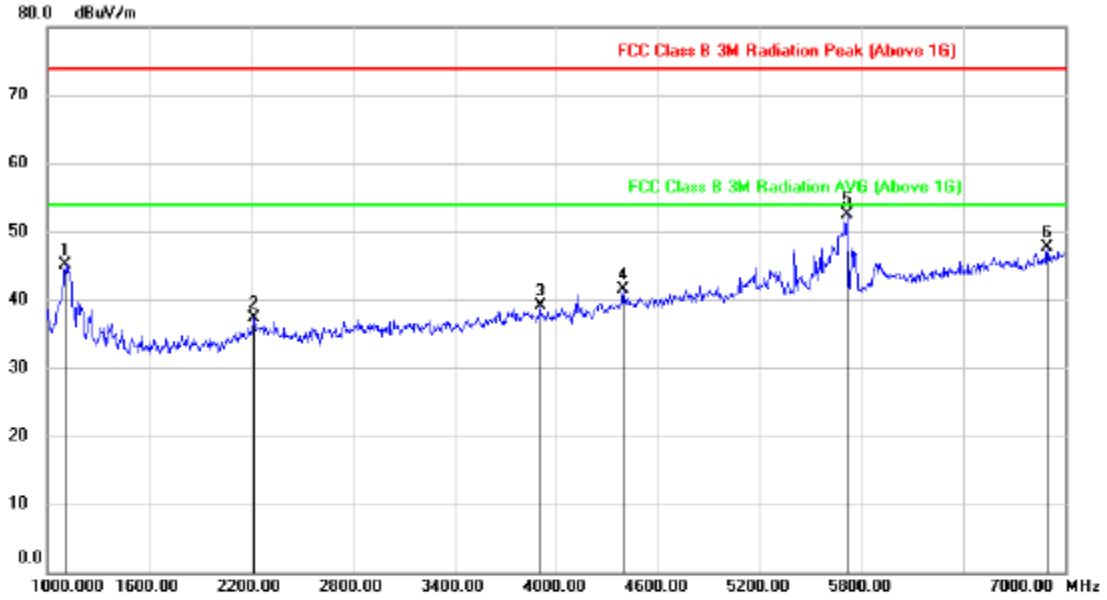


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		5850.000	19.61	41.87	61.48	122.2	-60.72	peak			
2	*	5970.100	18.87	42.22	61.09	68.20	-7.11	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

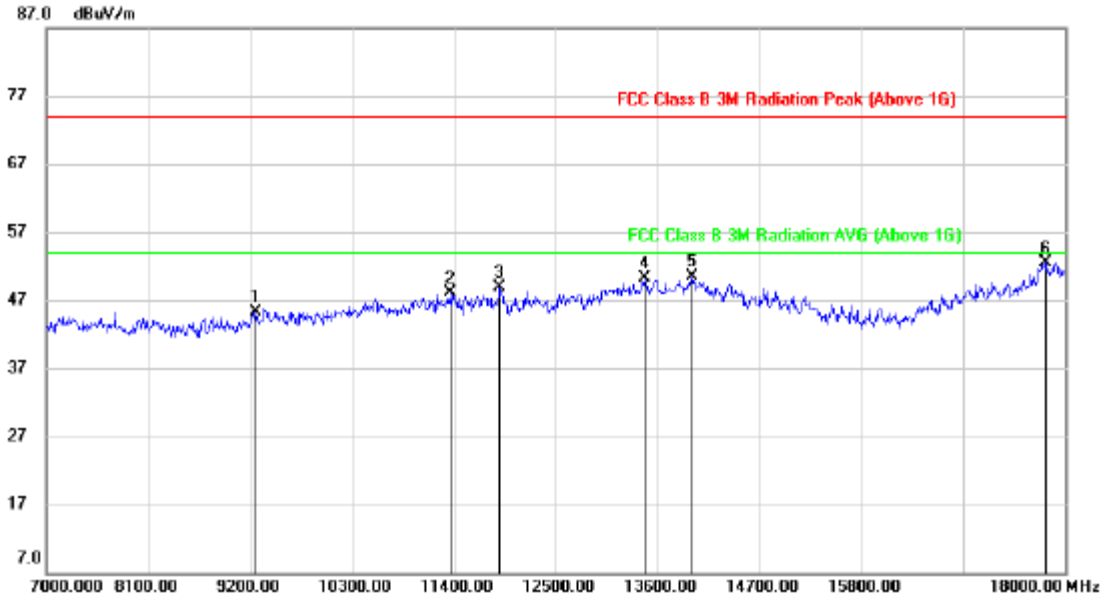
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	58.86	-13.85	45.01	74.00	-28.99	peak			
2		2218.000	45.92	-8.70	37.22	74.00	-36.78	peak			
3		3904.000	43.66	-4.64	39.02	74.00	-34.98	peak			
4		4396.000	44.17	-2.62	41.55	74.00	-32.45	peak			
5	*	5716.000	51.50	0.95	52.45	74.00	-21.55	peak			
6		6892.000	42.68	4.96	47.64	74.00	-26.36	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

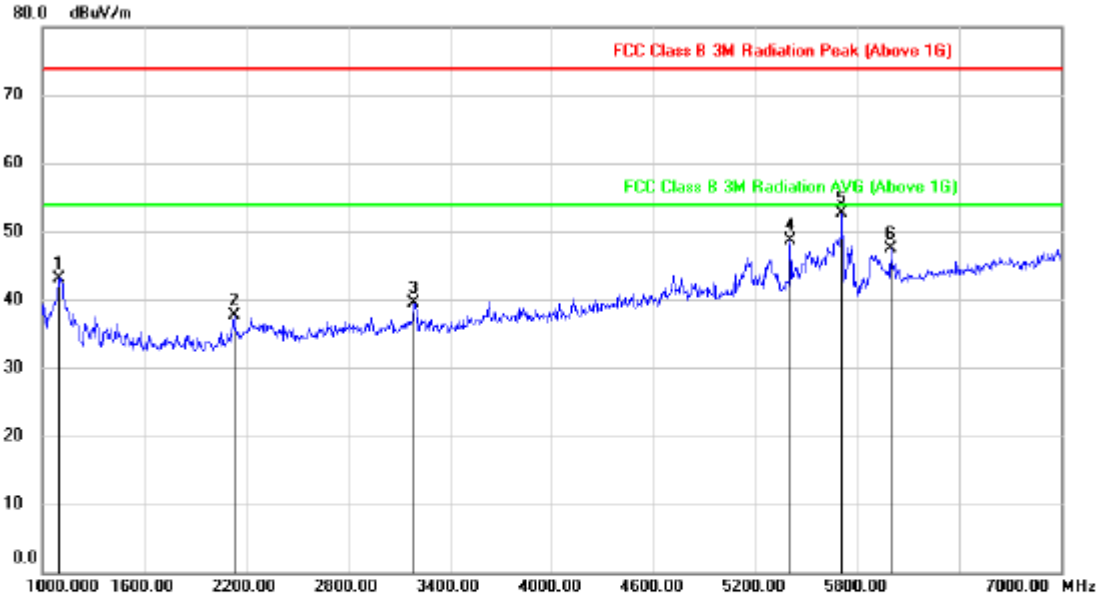
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9266.000	36.33	8.88	45.21	74.00	-28.79	peak			
2		11367.00	34.87	13.28	48.15	74.00	-25.85	peak			
3		11895.00	33.79	15.15	48.94	74.00	-25.06	peak			
4		13457.00	32.24	18.11	50.35	74.00	-23.65	peak			
5		13974.00	31.97	18.51	50.48	74.00	-23.52	peak			
6	*	17780.00	28.59	23.98	52.57	74.00	-21.43	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

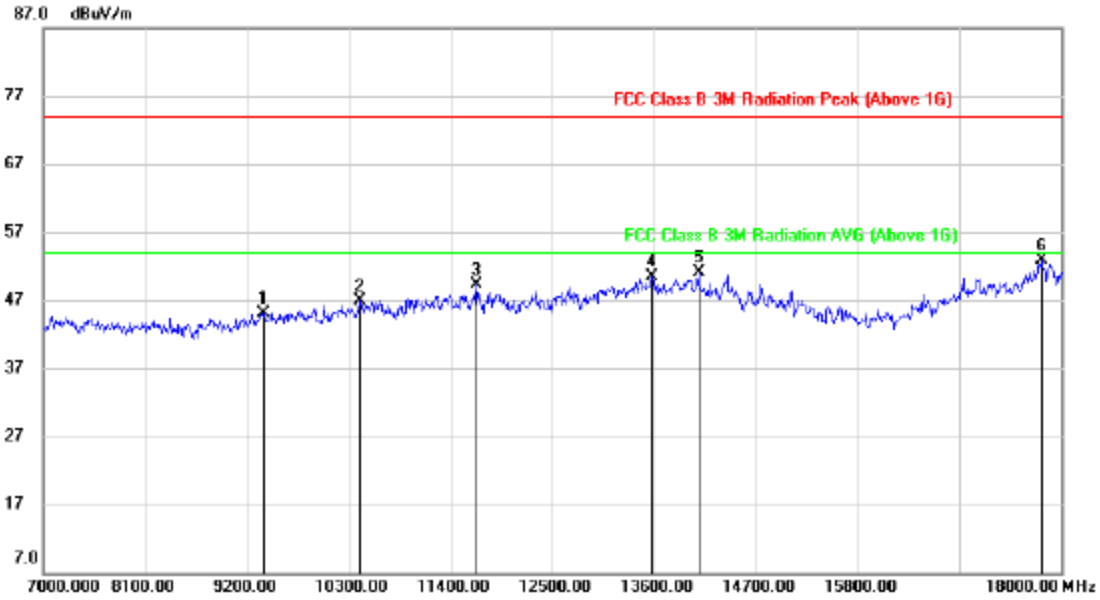
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1096.000	57.36	-14.20	43.16	74.00	-30.84	peak			
2		2128.000	47.58	-9.94	37.64	74.00	-36.36	peak			
3		3184.000	46.00	-6.52	39.48	74.00	-34.52	peak			
4		5404.000	48.43	0.35	48.78	74.00	-25.22	peak			
5	*	5710.000	51.65	1.03	52.68	74.00	-21.32	peak			
6		5992.000	45.47	2.04	47.51	74.00	-26.49	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

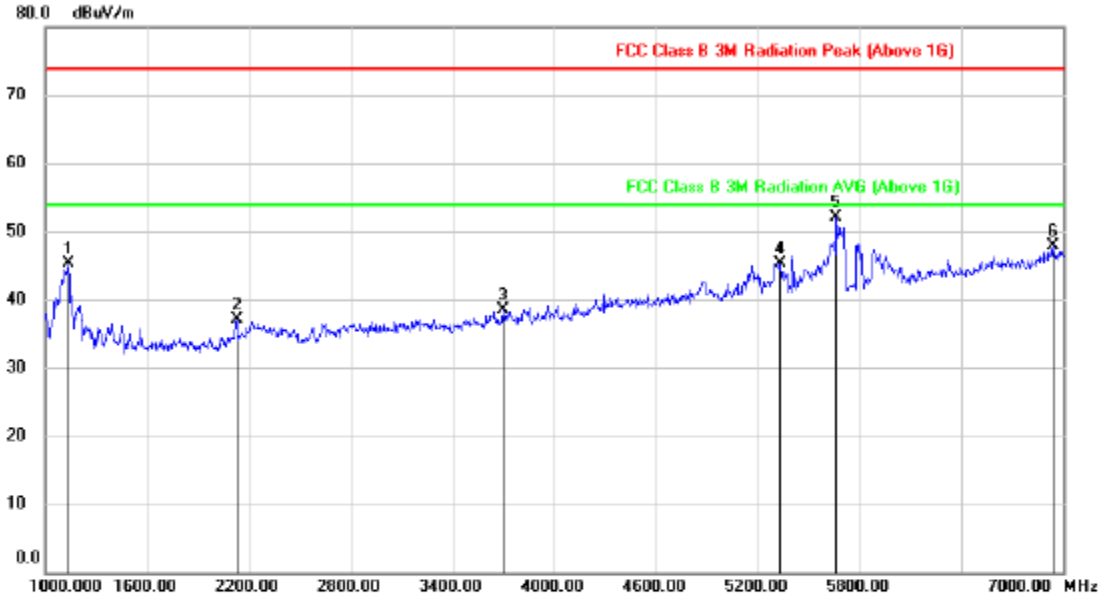


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		9387.000	35.64	9.54	45.18	74.00	-28.82	peak			
2		10421.00	35.26	11.61	46.87	74.00	-27.13	peak			
3		11686.00	34.64	14.71	49.35	74.00	-24.65	peak			
4		13578.00	31.99	18.58	50.57	74.00	-23.43	peak			
5		14084.00	32.73	18.45	51.18	74.00	-22.82	peak			
6	*	17780.00	28.59	24.38	52.97	74.00	-21.03	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

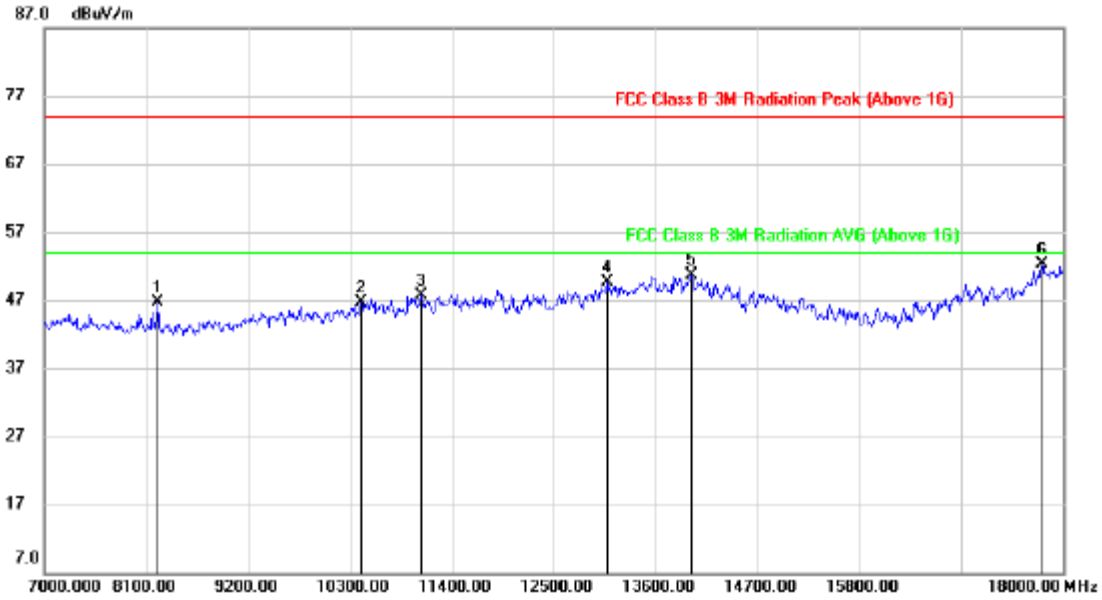
HORIZONTAL RESULTS
PEAK
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1138.000	59.12	-13.74	45.38	74.00	-28.62	peak			
2		2128.000	46.86	-9.84	37.02	74.00	-36.98	peak			
3		3700.000	43.55	-5.08	38.47	74.00	-35.53	peak			
4		5332.000	45.56	-0.22	45.34	74.00	-28.66	peak			
5	*	5662.000	51.36	0.77	52.13	74.00	-21.87	peak			
6		6940.000	42.67	5.17	47.84	74.00	-26.16	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

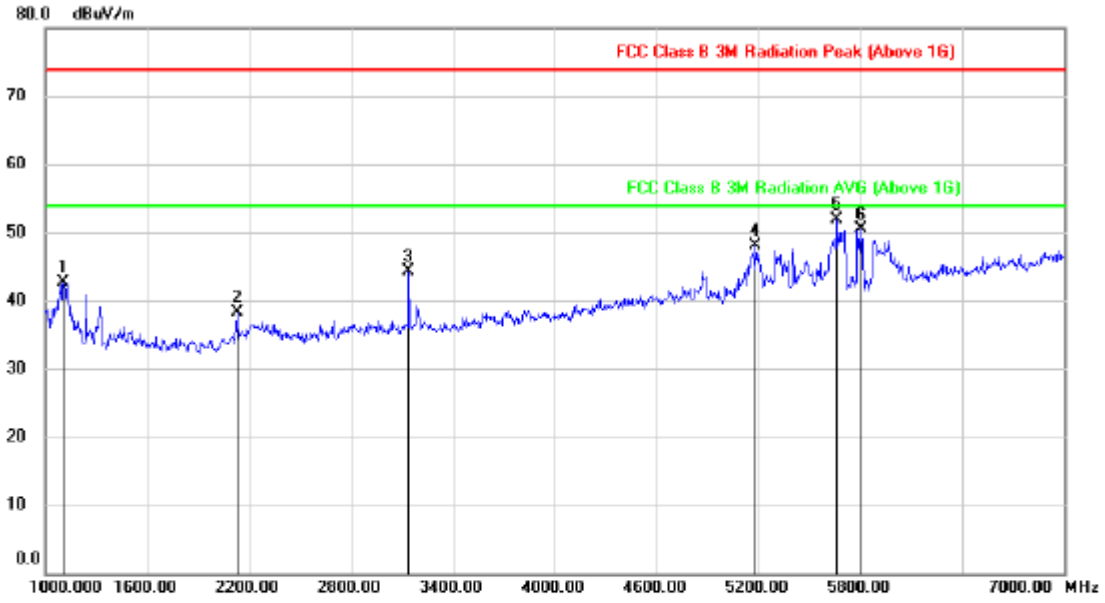
7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		8221.000	39.66	7.10	46.76	74.00	-27.24	peak			
2		10421.00	35.24	11.51	46.75	74.00	-27.25	peak			
3		11070.00	35.02	12.76	47.78	74.00	-26.22	peak			
4		13072.00	33.20	16.46	49.66	74.00	-24.34	peak			
5		13985.00	32.30	18.50	50.80	74.00	-23.20	peak			
6	*	17769.00	28.49	23.83	52.32	74.00	-21.68	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

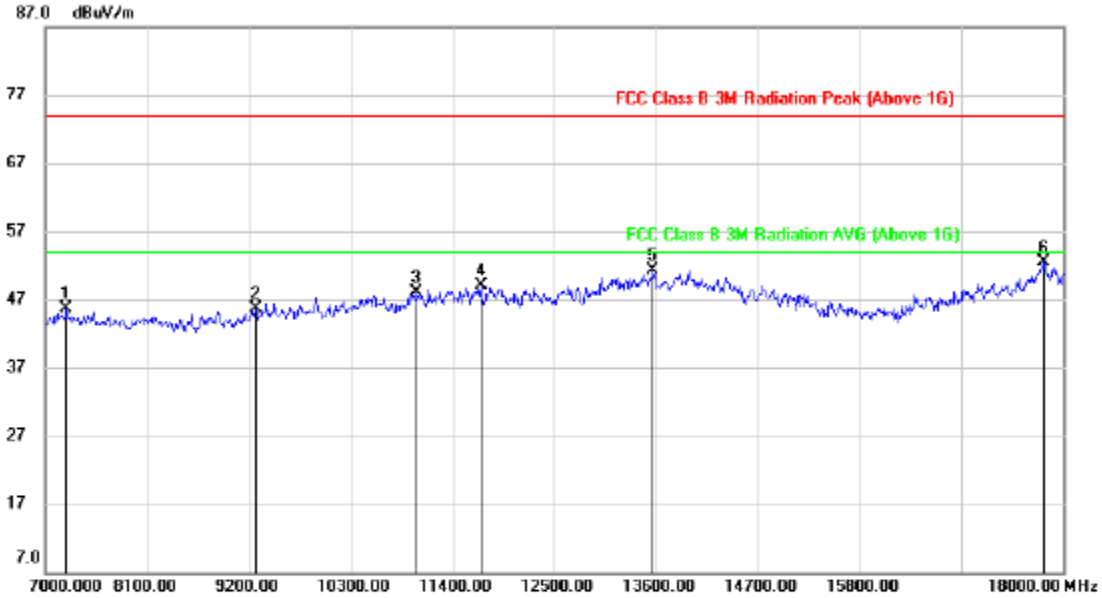
VERTICAL RESULTS
1-7GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1108.000	56.80	-14.14	42.66	74.00	-31.34	peak			
2		2128.000	48.33	-9.94	38.39	74.00	-35.61	peak			
3		3142.000	50.98	-6.66	44.32	74.00	-29.68	peak			
4		5182.000	48.07	0.00	48.07	74.00	-25.93	peak			
5	*	5662.000	51.05	0.87	51.92	74.00	-22.08	peak			
6		5806.000	49.16	1.42	50.58	74.00	-23.42	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		7231.000	39.30	6.38	45.68	74.00	-28.32	peak			
2		9277.000	36.64	9.08	45.72	74.00	-28.28	peak			
3		11015.00	35.24	12.86	48.10	74.00	-25.90	peak			
4		11708.00	34.35	14.68	49.03	74.00	-24.97	peak			
5		13567.00	32.66	18.71	51.37	74.00	-22.63	peak			
6	*	17780.00	28.20	24.38	52.58	74.00	-21.42	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 51), so all the test point were deemed to comply with the limits list in the standard.

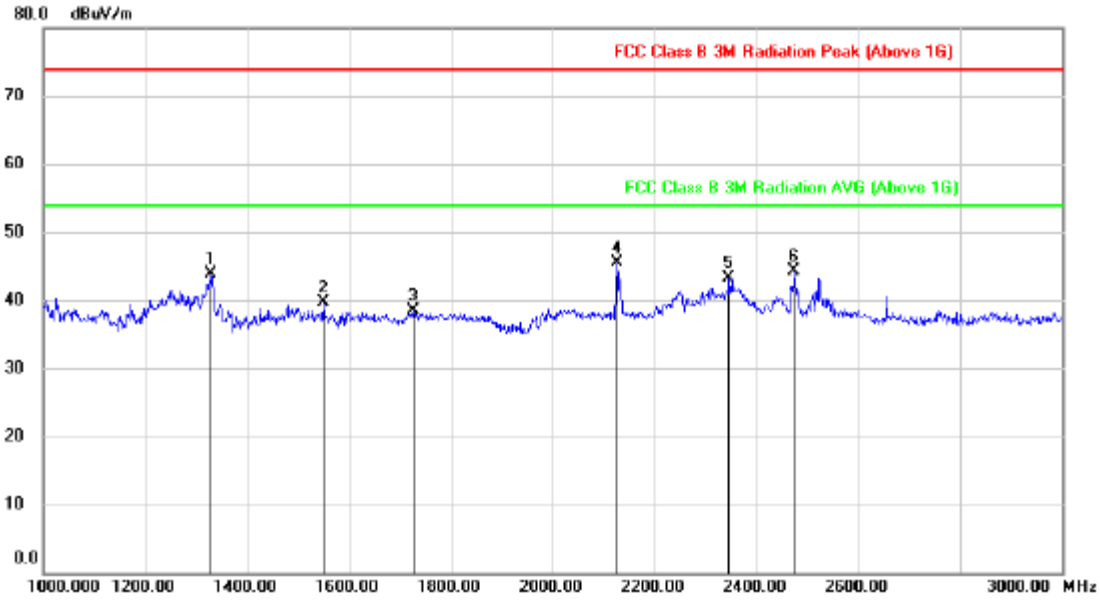
7.2. WORST-CASE CO-LOCATION

7.2.1. 2.4G AND 802.11n HT20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (MID CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)

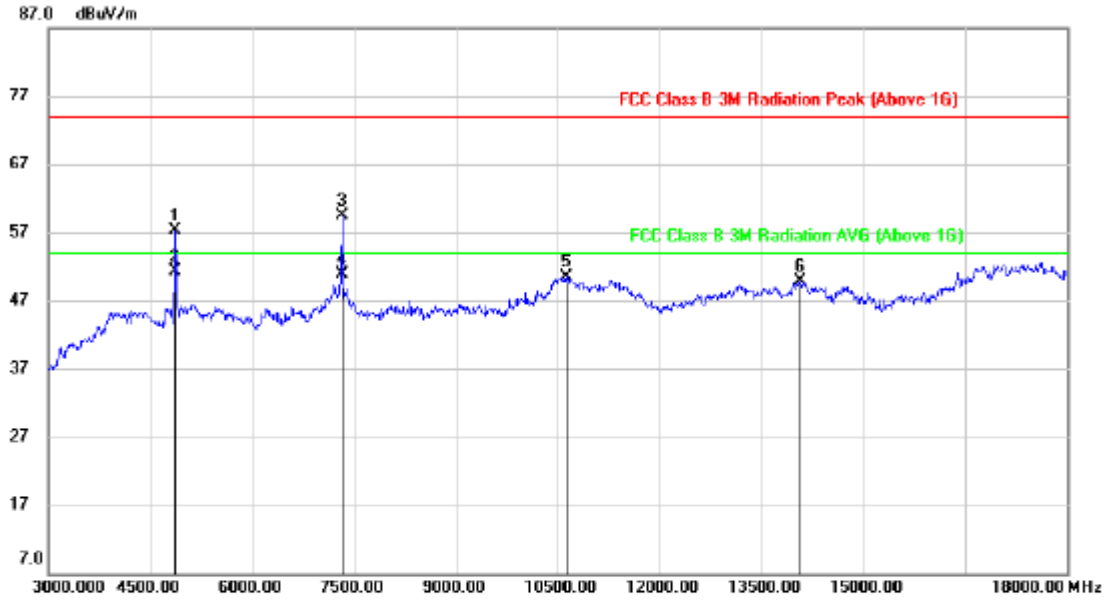
1-3GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		1330.000	56.31	-12.50	43.81	74.00	-30.19	peak			
2		1550.000	51.94	-12.27	39.67	74.00	-34.33	peak			
3		1726.000	49.83	-11.39	38.44	74.00	-35.56	peak			
4	*	2126.000	54.88	-9.34	45.54	74.00	-28.46	peak			
5		2346.000	50.85	-7.62	43.23	74.00	-30.77	peak			
6		2474.000	52.61	-8.27	44.34	74.00	-29.66	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

3-18GHz

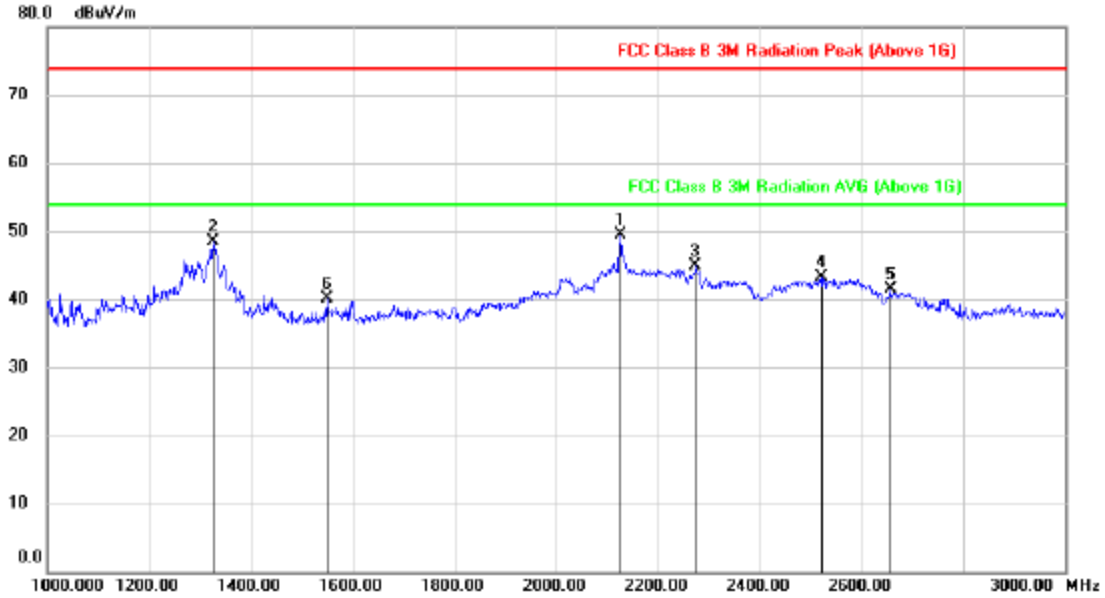


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		4875.000	56.85	0.38	57.23	74.00	-16.77	peak			
2	*	4875.000	50.83	0.38	51.21	54.00	-2.79	AVG			
3		7320.000	51.80	7.63	59.43	74.00	-14.57	peak			
4		7320.000	43.24	7.63	50.87	54.00	-3.13	AVG			
5		10620.00	36.97	13.63	50.60	74.00	-23.40	peak			
6		14070.00	29.20	20.65	49.85	74.00	-24.15	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

SPURIOUS EMISSIONS (HIGH CHANNEL, WORST-CASE CONFIGURATION, VERTICAL)

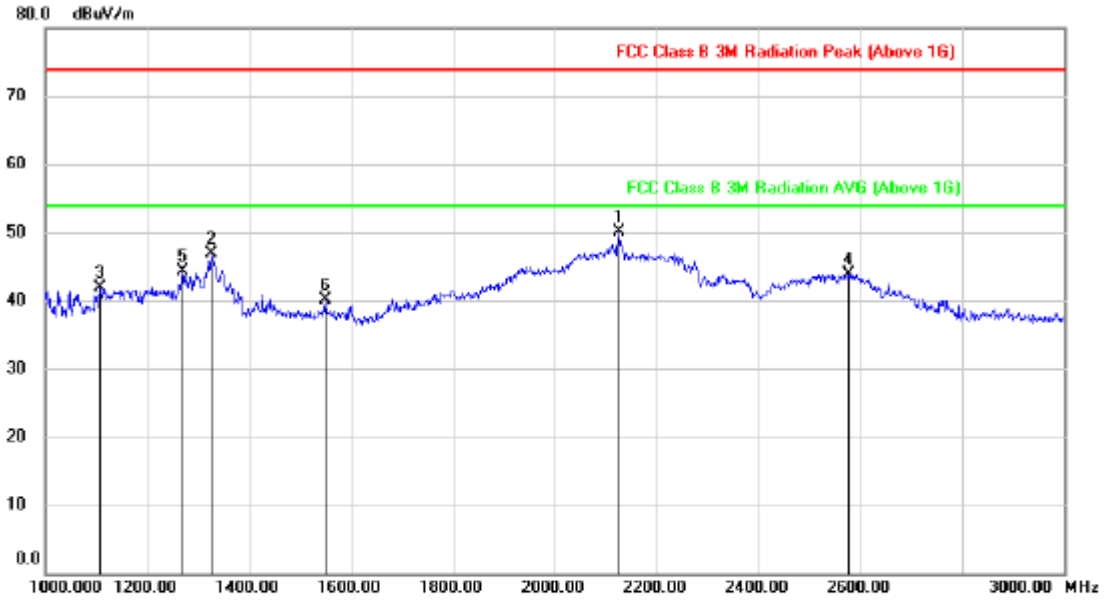
1-3GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2126.000	58.88	-9.34	49.54	74.00	-24.46	peak			
2		1326.000	60.99	-12.53	48.46	74.00	-25.54	peak			
3		2274.000	52.28	-7.40	44.88	74.00	-29.12	peak			
4		2522.000	51.60	-8.28	43.32	74.00	-30.68	peak			
5		2656.000	49.33	-7.91	41.42	74.00	-32.58	peak			
6		1550.000	52.44	-12.27	40.17	74.00	-33.83	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

3-18GHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	2126.000	59.38	-9.34	50.04	74.00	-23.96	peak			
2		1326.000	59.49	-12.53	46.96	74.00	-27.04	peak			
3		1108.000	55.81	-13.81	42.00	74.00	-32.00	peak			
4		2578.000	52.06	-8.17	43.89	74.00	-30.11	peak			
5		1270.000	56.94	-12.72	44.22	74.00	-29.78	peak			
6		1550.000	52.44	-12.27	40.17	74.00	-33.83	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

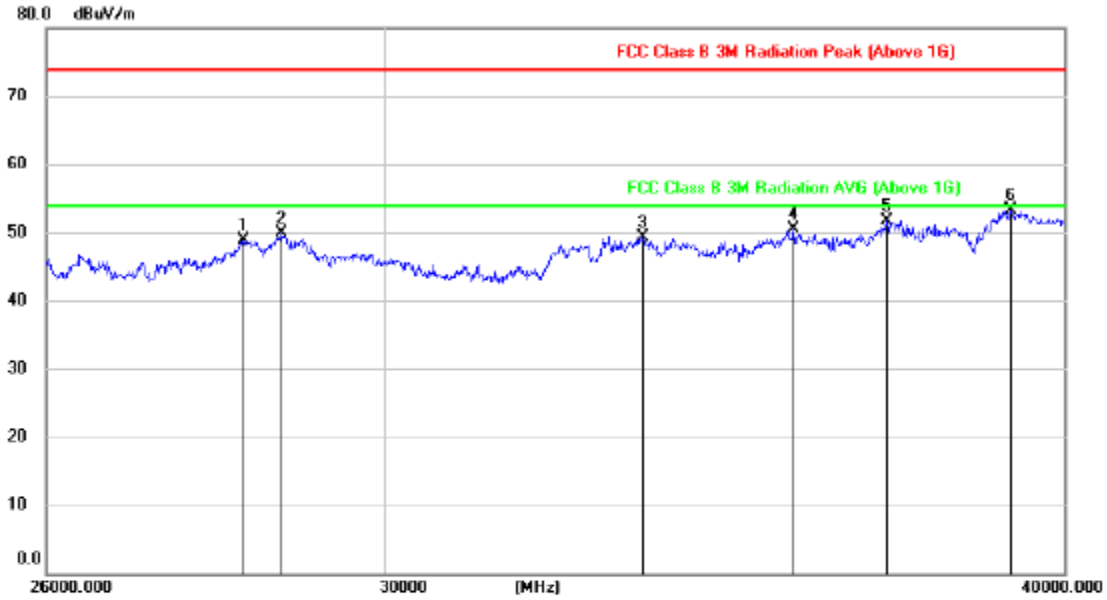
Note: All the modes had been tested, but only the worst data were recorded in the report.

7.3. SPURIOUS EMISSIONS 26~40GHz

7.3.1. 802.11n HT20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

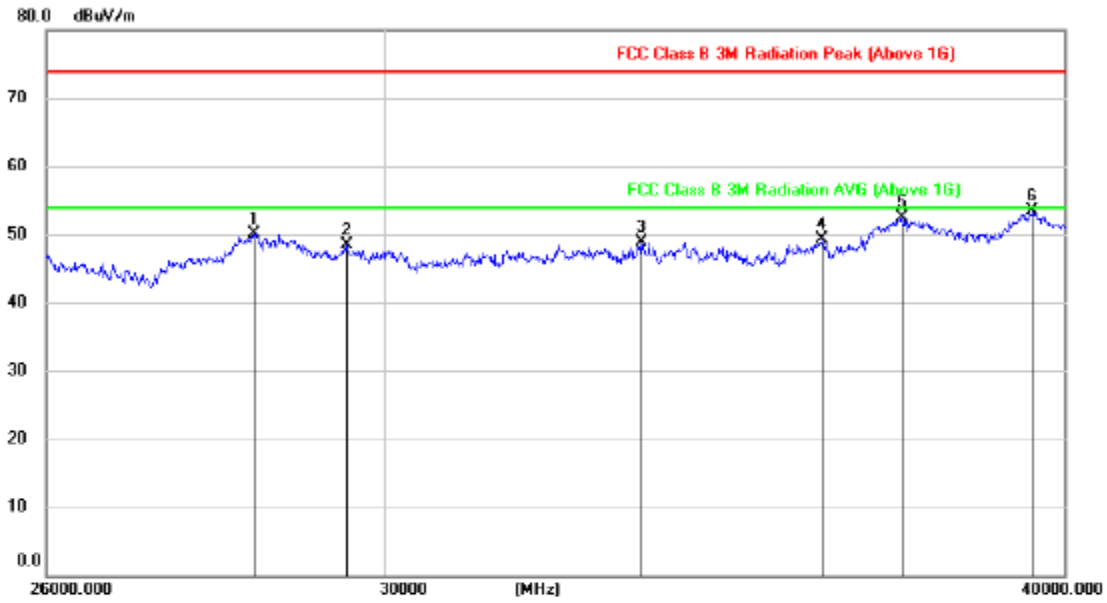
SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		28266.24	49.42	-0.53	48.89	74.00	-25.11	peak			
2		28720.39	48.50	1.41	49.91	74.00	-24.09	peak			
3		33466.17	46.69	2.59	49.28	74.00	-24.72	peak			
4		35669.32	47.48	3.03	50.51	74.00	-23.49	peak			
5		37111.36	47.85	3.79	51.64	74.00	-22.36	peak			
6	*	39097.08	47.85	5.38	53.23	74.00	-20.77	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		28400.50	50.66	-0.62	50.04	74.00	-23.96	peak			
2		29523.23	47.91	0.58	48.49	74.00	-25.51	peak			
3		33437.35	46.50	2.39	48.89	74.00	-25.11	peak			
4		36102.17	46.10	3.24	49.34	74.00	-24.66	peak			
5		37335.85	48.48	4.12	52.60	74.00	-21.40	peak			
6	*	39469.38	47.05	6.43	53.48	74.00	-20.52	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

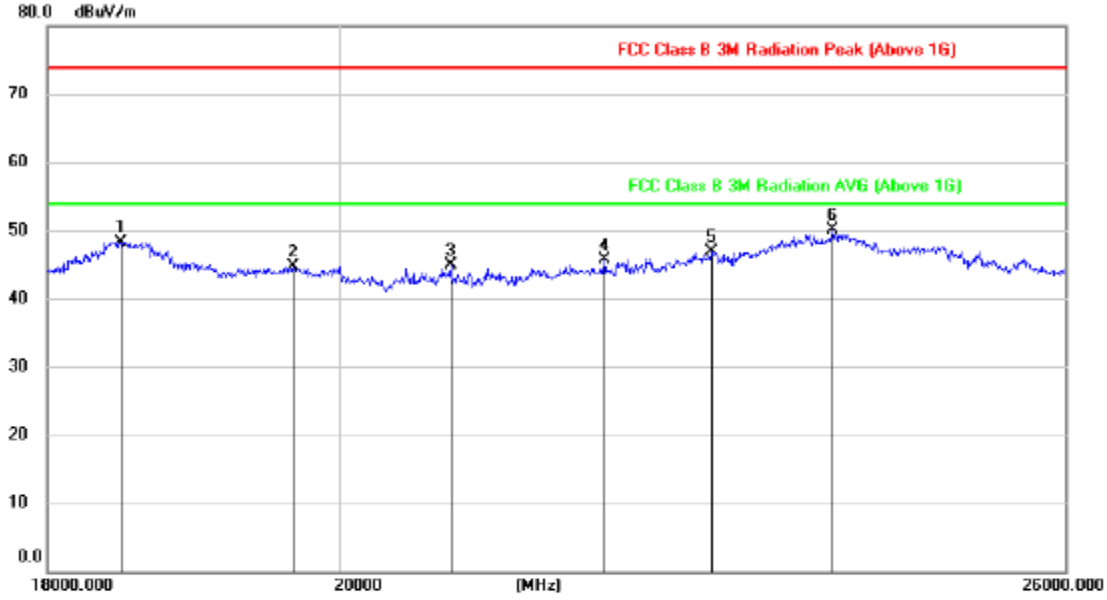
Note: All the modes had been tested, but only the worst data were recorded in the report.

7.4. SPURIOUS EMISSIONS 18~26GHz

7.4.1. 802.11n HT20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

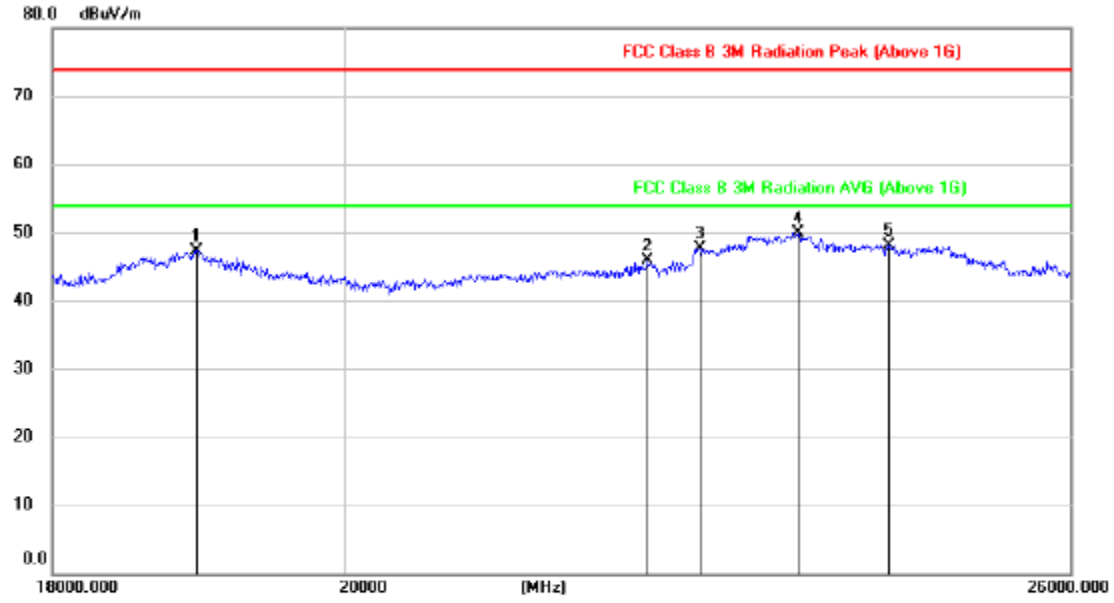
SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		18482.93	53.66	-5.28	48.38	74.00	-25.62	peak			
2		19675.24	50.00	-5.33	44.67	74.00	-29.33	peak			
3		20821.59	49.97	-5.04	44.93	74.00	-29.07	peak			
4		22010.44	50.16	-4.47	45.69	74.00	-28.31	peak			
5		22885.32	50.42	-3.55	46.87	74.00	-27.13	peak			
6	*	23900.21	53.00	-2.93	50.07	74.00	-23.93	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		18964.87	52.54	-5.25	47.29	74.00	-26.71	peak			
2		22320.17	49.97	-4.13	45.84	74.00	-28.16	peak			
3		22751.07	51.37	-3.69	47.68	74.00	-26.32	peak			
4	*	23568.57	53.11	-3.16	49.95	74.00	-24.05	peak			
5		24352.67	50.75	-2.62	48.13	74.00	-25.87	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.

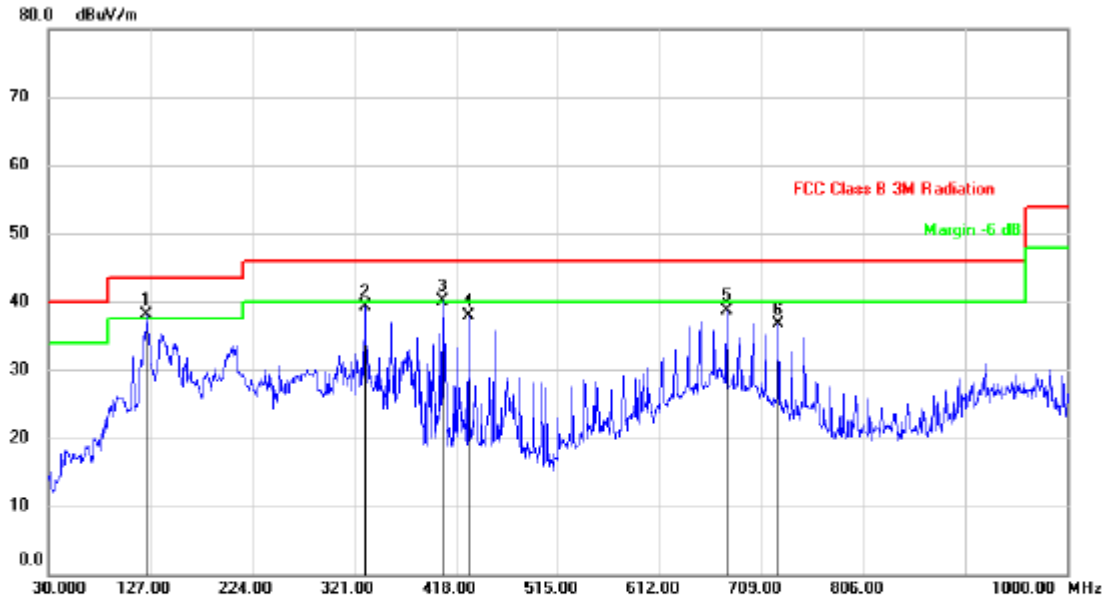
Note: All the modes had been tested, but only the worst data were recorded in the report.

7.5. SPURIOUS EMISSIONS 30M ~ 1 GHz

7.5.1. 802.11n HT20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

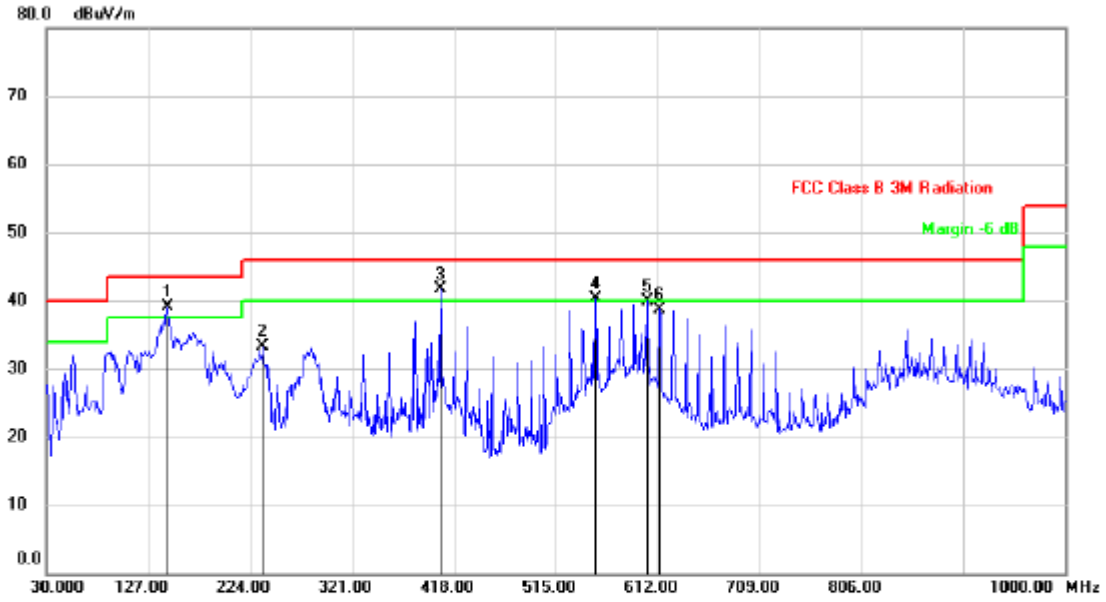
SPURIOUS EMISSIONS (LOW CHANNELHORIZONTAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	124.0900	56.87	-18.85	38.02	43.50	-5.48	QP			
2		331.6700	53.66	-14.27	39.39	46.00	-6.61	QP			
3	!	405.3900	52.46	-12.29	40.17	46.00	-5.83	QP			
4		430.6100	49.90	-11.91	37.99	46.00	-8.01	QP			
5		676.0200	46.93	-8.15	38.78	46.00	-7.22	QP			
6		724.5200	44.41	-7.67	36.74	46.00	-9.26	QP			

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	!	145.4299	56.88	-17.80	39.08	43.50	-4.42	QP			
2		236.6100	51.22	-17.87	33.35	46.00	-12.65	QP			
3	*	405.3900	54.09	-12.29	41.80	46.00	-4.20	QP			
4	!	552.8300	50.36	-10.06	40.30	46.00	-5.70	QP			
5		602.3000	48.86	-9.00	39.86	46.00	-6.14	QP			
6		613.9400	47.67	-8.87	38.80	46.00	-7.20	QP			

Note: 1. Result Level = Read Level + Correct Factor.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note: All the modes had been tested, but only the worst data were recorded in the report.

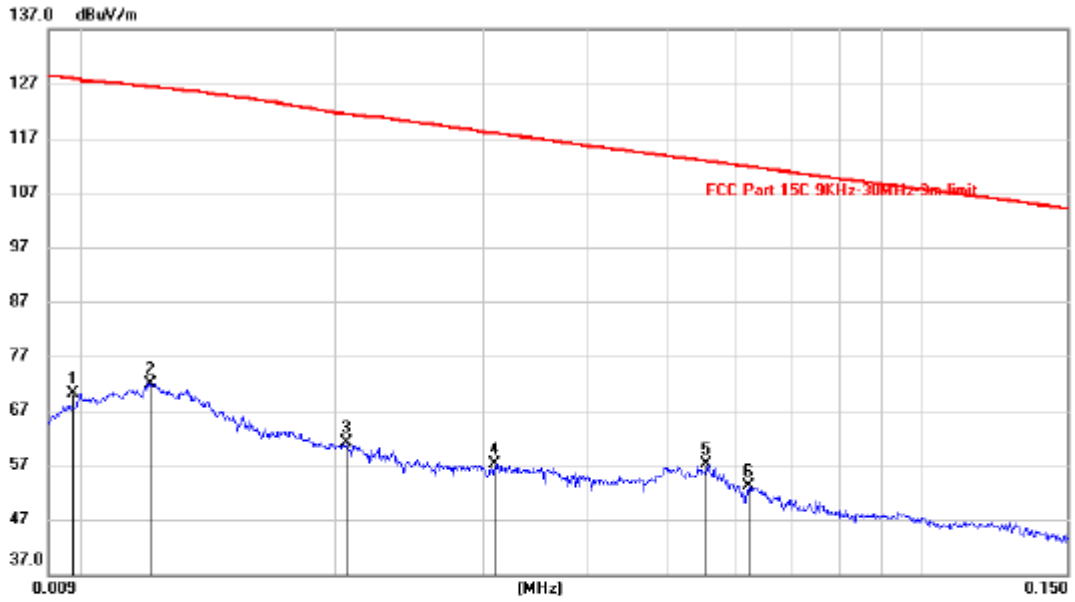
7.6. SPURIOUS EMISSIONS BELOW 30M

7.6.1. 802.11n HT20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

SPURIOUS EMISSIONS (LOW CHANNELHORIZONTAL)

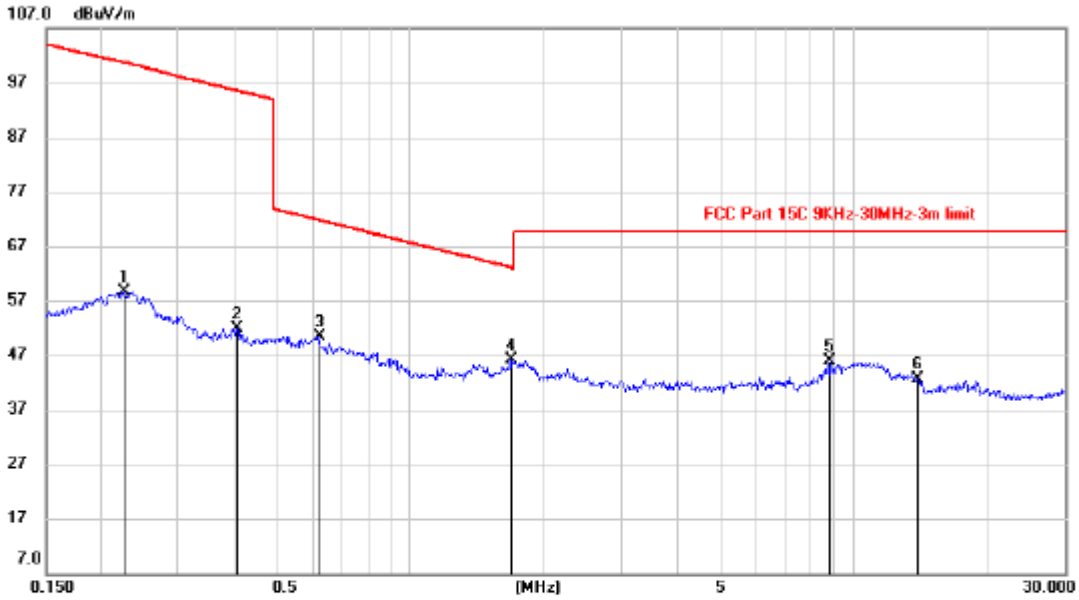
9KHz~ 150KHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.0097	49.90	20.23	70.13	127.8	-57.70	peak			
2	*	0.0120	51.65	20.23	71.88	126.4	-54.52	peak			
3		0.0205	40.84	20.31	61.15	121.4	-60.25	peak			
4		0.0309	36.87	20.31	57.18	117.8	-60.66	peak			
5		0.0555	36.89	20.31	57.20	112.7	-55.55	peak			
6		0.0623	32.73	20.31	53.04	111.7	-58.69	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

150KHz ~ 30M

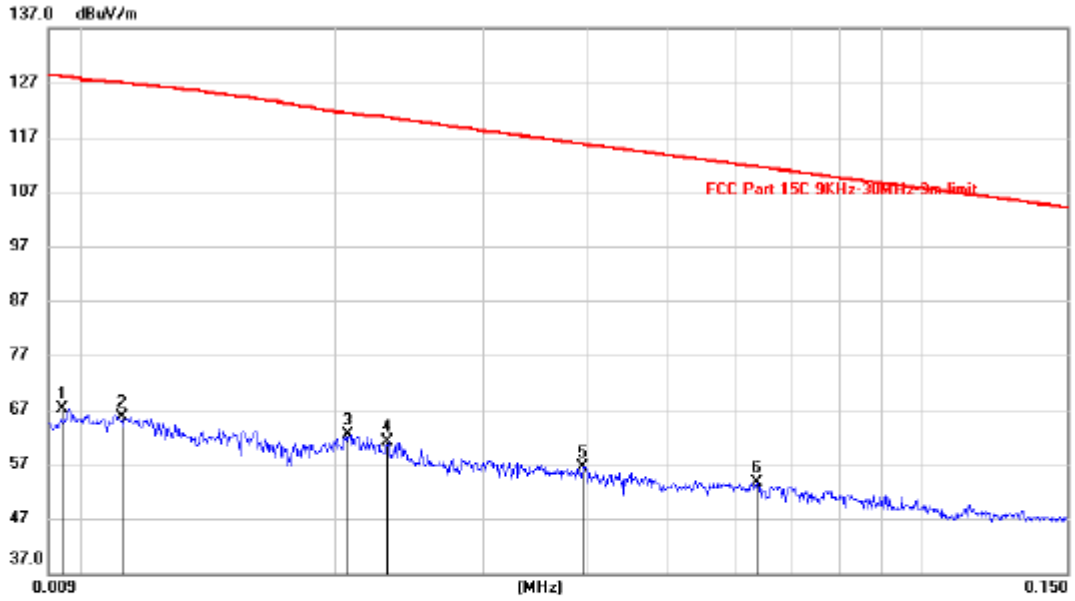


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.2255	38.36	20.34	58.70	100.6	-41.98	peak			
2		0.4040	31.73	20.27	52.00	95.48	-43.48	peak			
3		0.6205	30.12	20.30	50.42	71.77	-21.35	peak			
4	*	1.6800	25.57	20.61	46.18	63.10	-16.92	peak			
5		8.8688	24.94	21.01	45.95	69.54	-23.59	peak			
6		13.9146	21.64	20.95	42.59	69.54	-26.95	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)

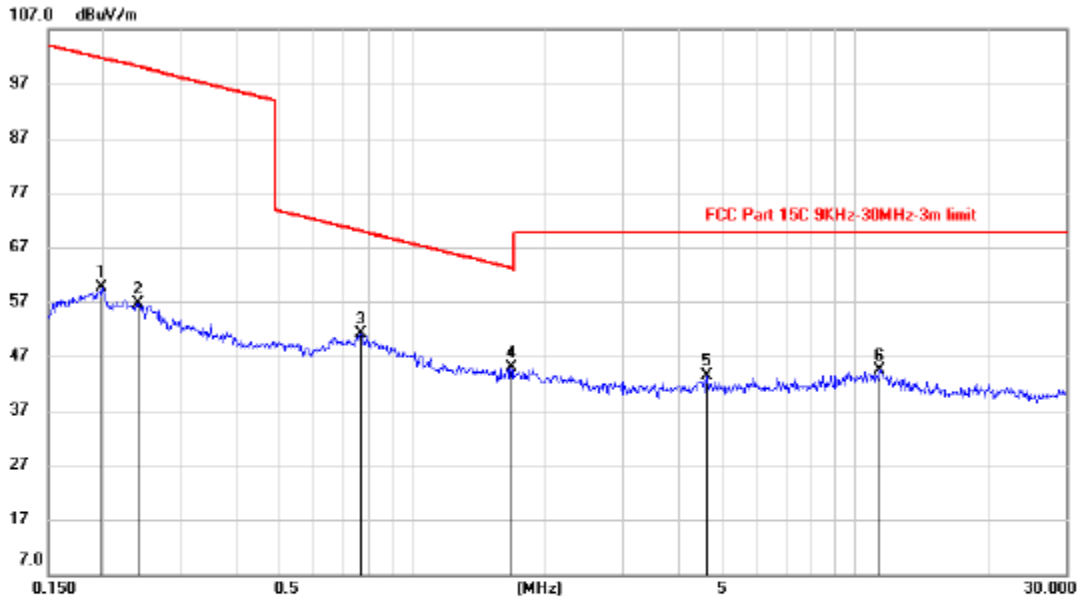
9KHz~ 150KHz



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.0094	46.90	20.26	67.16	128.0	-60.90	peak			
2		0.0111	45.50	20.22	65.72	126.9	-61.22	peak			
3		0.0206	42.07	20.31	62.38	121.3	-58.99	peak			
4		0.0229	40.81	20.31	61.12	120.5	-59.44	peak			
5		0.0393	36.03	20.31	56.34	115.7	-59.39	peak			
6	*	0.0637	33.38	20.31	53.69	111.5	-57.85	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

150KHz ~ 30M



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.1995	39.35	20.37	59.72	101.6	-41.88	peak			
2		0.2391	36.36	20.33	56.69	100.2	-43.51	peak			
3		0.7630	30.66	20.36	51.02	69.97	-18.95	peak			
4	*	1.6713	24.23	20.61	44.84	63.15	-18.31	peak			
5		4.6467	22.44	20.91	43.35	69.54	-26.19	peak			
6		11.3771	23.29	21.02	44.31	69.54	-25.23	peak			

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.

Note: All the modes had been tested, but only the worst data were recorded in the report.

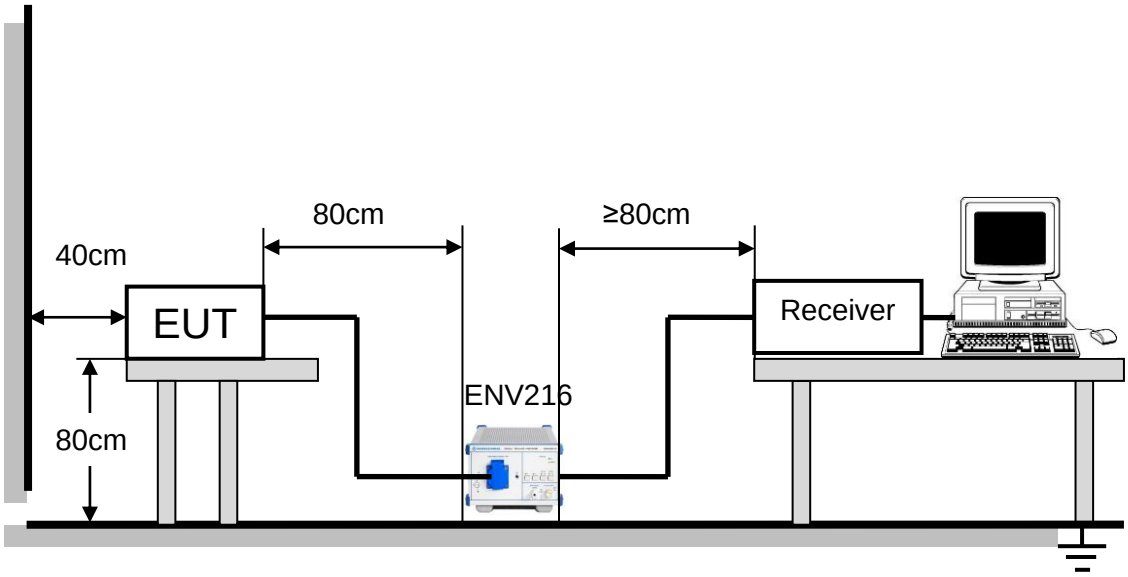
8. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a) and RSS-Gen Clause 8.8

FREQUENCY (MHz)	Class A (dBuV)		Class B (dBuV)	
	Quasi-peak	Average	Quasi-peak	Average
0.15 -0.5	79.00	66.00	66 - 56 *	56 - 46 *
0.50 -5.0	73.00	60.00	56.00	46.00
5.0 -30.0	73.00	60.00	60.00	50.00

TEST SETUP AND PROCEDURE



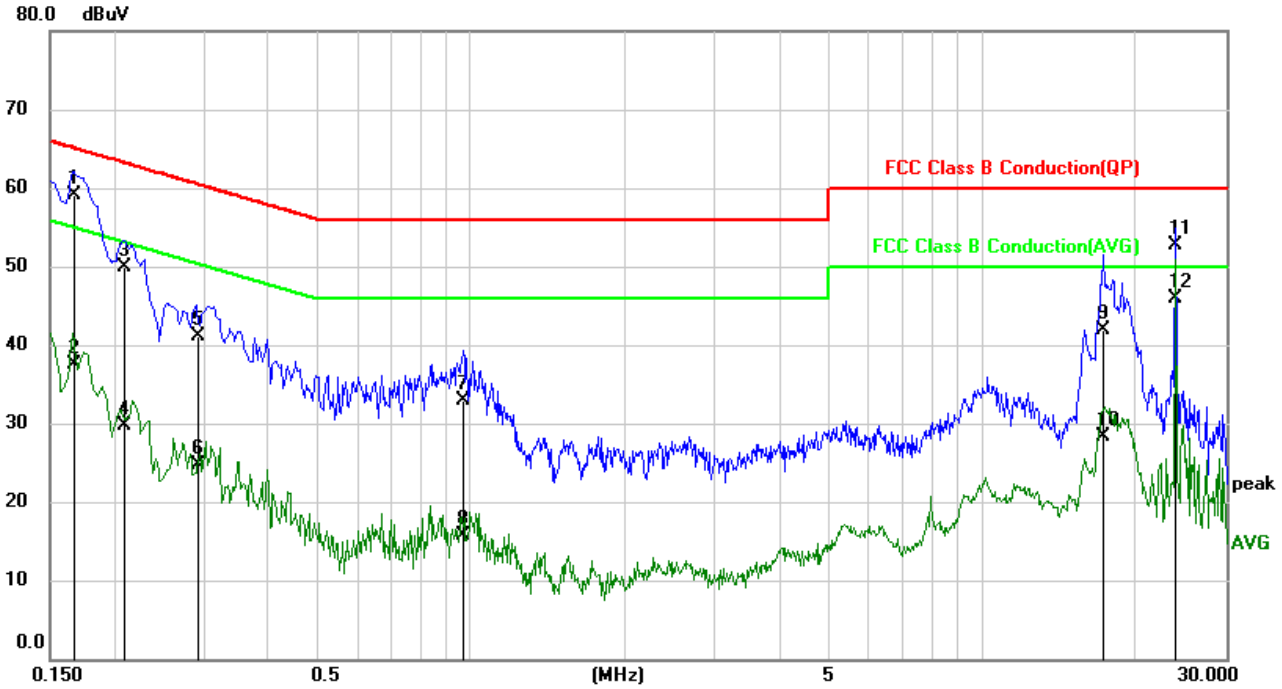
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 7 and 13 of ANSI C63.10-2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.
The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULT

8.1. 802.11n20 MODE

ANTENNA1 (WORST-CASE CONFIGURATION)

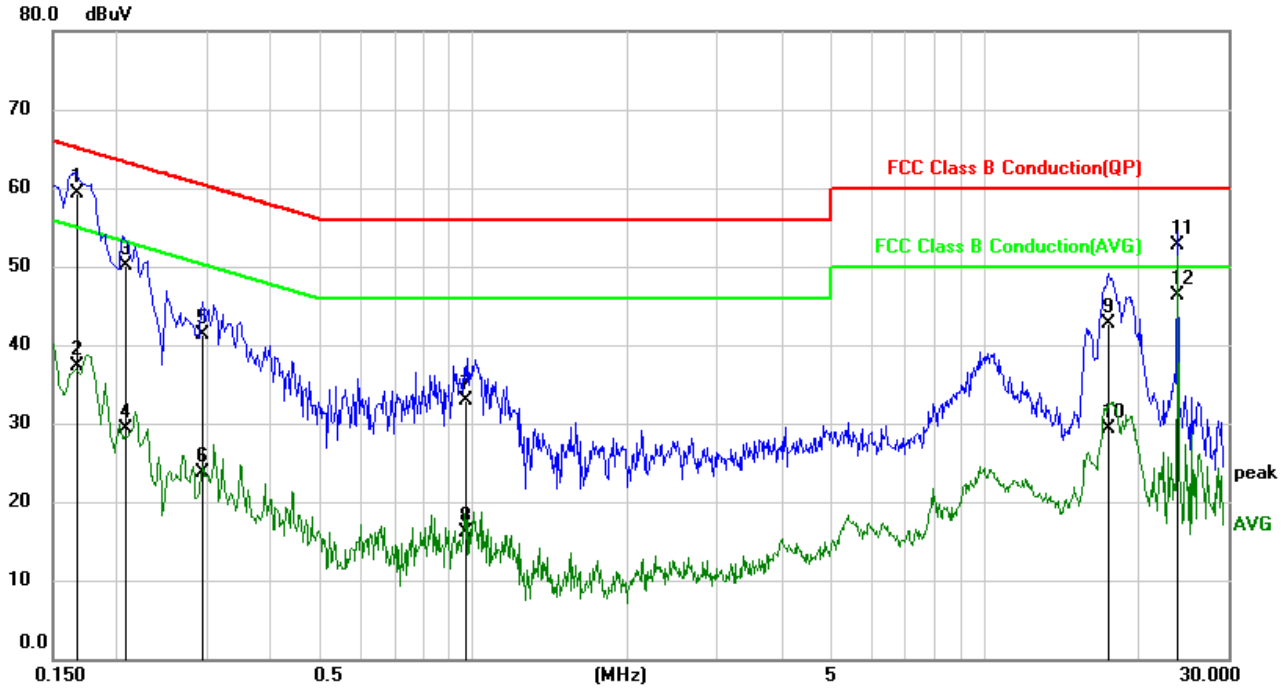
LINE N RESULTS (LOW CHANNEL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1678	49.42	9.62	59.04	65.07	-6.03	QP
2	0.1678	27.90	9.62	37.52	55.07	-17.55	AVG
3	0.2088	40.27	9.62	49.89	63.25	-13.36	QP
4	0.2088	20.12	9.62	29.74	53.25	-23.51	AVG
5	0.2935	31.55	9.62	41.17	60.42	-19.25	QP
6	0.2935	15.06	9.62	24.68	50.42	-25.74	AVG
7	0.9683	23.24	9.63	32.87	56.00	-23.13	QP
8	0.9683	6.03	9.63	15.66	46.00	-30.34	AVG
9	17.2710	32.01	9.86	41.87	60.00	-18.13	QP
10	17.2710	18.52	9.86	28.38	50.00	-21.62	AVG
11	23.9369	42.70	9.94	52.64	60.00	-7.36	QP
12	23.9369	36.04	9.94	45.98	50.00	-4.02	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

LINE L RESULTS (LOW CHANNEL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1669	49.59	9.63	59.22	65.11	-5.89	QP
2	0.1669	27.66	9.63	37.29	55.11	-17.82	AVG
3	0.2089	40.49	9.63	50.12	63.25	-13.13	QP
4	0.2089	19.70	9.63	29.33	53.25	-23.92	AVG
5	0.2927	31.59	9.63	41.22	60.45	-19.23	QP
6	0.2927	13.99	9.63	23.62	50.45	-26.83	AVG
7	0.9643	23.21	9.64	32.85	56.00	-23.15	QP
8	0.9643	6.48	9.64	16.12	46.00	-29.88	AVG
9	17.4828	32.80	9.84	42.64	60.00	-17.36	QP
10	17.4828	19.39	9.84	29.23	50.00	-20.77	AVG
11	23.9376	42.82	9.90	52.72	60.00	-7.28	QP
12	23.9376	36.39	9.90	46.29	50.00	-3.71	AVG

Note: 1. Result = Reading +Correct Factor.
2. If QP Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 200 Hz (9 kHz—150 kHz), 9 kHz (150 kHz—30 MHz).
4. Step size: 80Hz (0.009MHz-0.15MHz), 4 kHz (0.15MHz-30MHz), Scan time: auto.

Note: All the modes had been tested, but only the worst data were recorded in the report.

9. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation

TEST SETUP AND PROCEDURE

Connect the UUT to the spectrum analyser and use the following settings:

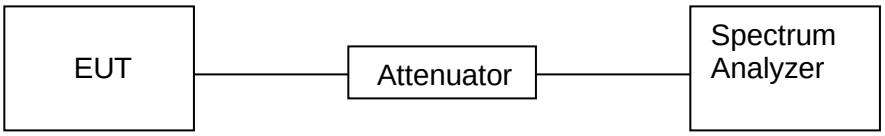
Center Frequency	The center frequency of the channel under test
Detector	PEAK
RBW	10KHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

User manual temperature is 0°C~60°C.

TEST SETUP



TEST RESULTS (WORST-CASE CONFIGURATION)

Test Mode:	802.11a MODE

Frequency Error vs. Voltage:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	TN	VL	5179.9698	-5.83	PASS
			TN	VN	5179.9971	-2.90	PASS
			TN	VH	5179.9794	-3.98	PASS
11A	Ant1	5825	TN	VL	5824.9872	-2.20	PASS
			TN	VN	5824.9921	-1.36	PASS
			TN	VH	5824.9732	-4.60	PASS

Frequency Error vs. Temperature:

Test Mode	Antenna	Channel	Temp.	Volt.	Freq.Error(MHz)	Freq.vs.rated(ppm)	Verdict
11A	Ant1	5180	60	VN	5179.9876	-2.39	PASS
			50	VN	5179.9886	-2.20	PASS
			40	VN	5179.9856	-2.78	PASS
			30	VN	5179.9873	-2.45	PASS
			20	VN	5179.9886	-2.20	PASS
			10	VN	5179.9833	-3.22	PASS
			0	VN	5179.9869	-2.53	PASS
11A	Ant1	5825	60	VN	5824.9872	-2.20	PASS
			50	VN	5824.9921	-1.36	PASS
			40	VN	5824.9732	-4.60	PASS
			30	VN	5824.9982	-0.31	PASS
			20	VN	5824.9842	-2.71	PASS
			10	VN	5824.9854	-2.51	PASS
			0	VN	5824.9865	-2.32	PASS

Note: All the modes had been tested, but only the worst data were recorded in the report.

10. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

Please refer to FCC §15.247(b)(4)
The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

ANTENNA CONNECTOR

EUT has an internal antenna with antenna connector, it will be installed in a specific environment and users cannot change the antenna.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT