



6.4. POWER SPECTRAL DENSITY

LIMITS

FCC Part15, Subpart E/ RSS-247		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250
	For RSS:10dBm/MHz	
	11dBm/MHz	5250-5350
	11dBm/MHz	For FCC:5470-5725 For IC:5470-5600 5650-5725
	30dBm/500kHz	5725-5850

TEST PROCEDURE

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

For U-NII-1, U-NII-2A and U-NII-2C band:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	$\geq 3 \times$ RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

For U-NII-3:

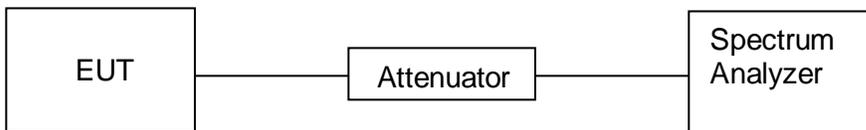
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500KHz
VBW	$\geq 3 \times$ RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v01, section II.F.5., it is acceptable to set RBW at 1MHz and VBW at 3MHz if the spectrum analyzer does not have 500kHz RBW.
2. The value measured with RBW=1MHz is to be added with $10\log(500\text{kHz}/1\text{MHz})$ which is -3dB. For example, if the measured value is +10dBm using RBW=1MHz (that is +10dBm/MHz), then the converted value will be +7dBm/500kHz.

Allow trace to fully stabilize and use the peak marker function to determine the maximum amplitude level within the RBW.

TEST SETUP



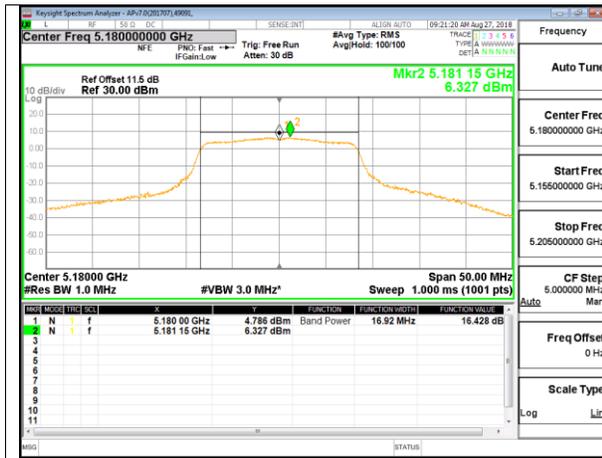
RESULTS



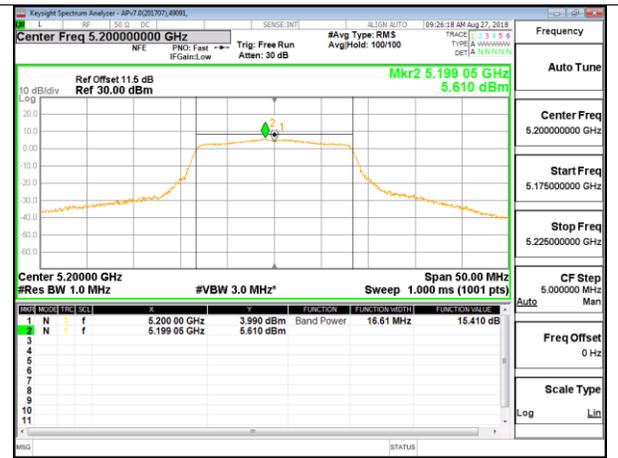
Mode	Channel	PSD (Conducted Power (dBm/1 MHz)	Limit (dBm/1 MHz)
802.11a	5180	6.327	11
	5200	5.610	11
	5240	5.045	11
	5260	4.349	11
	5300	4.601	11
	5320	4.409	11
	5500	4.995	11
	5580	4.099	11
	5700	5.755	11
	5745	3.257	30
	5785	2.668	30
	5825	2.787	30
802.11n HT20	5180	6.326	11
	5200	5.001	11
	5240	4.637	11
	5260	3.801	11
	5300	4.181	11
	5320	3.720	11
	5500	3.861	11
	5580	3.529	11
	5700	4.817	11
	5745	2.712	30
	5785	2.492	30
	5825	1.199	30
802.11n HT40	5190	0.284	11
	5230	0.847	11
	5270	0.318	11
	5310	0.900	11
	5510	1.387	11
	5590	0.637	11
	5670	0.595	30
	5755	-2.212	30
	5795	-2.054	30



6.4.1. 802.11a



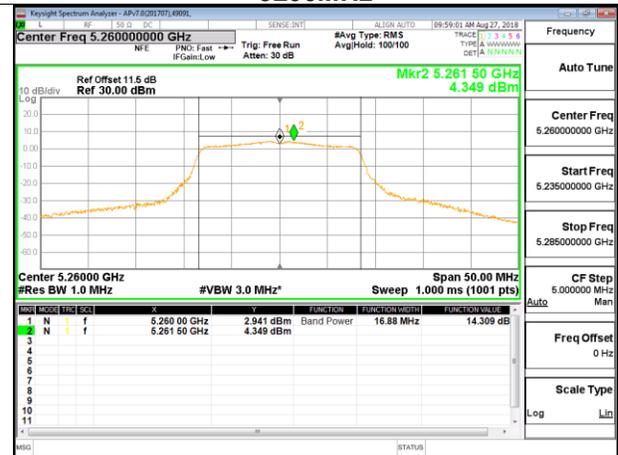
5180MHz



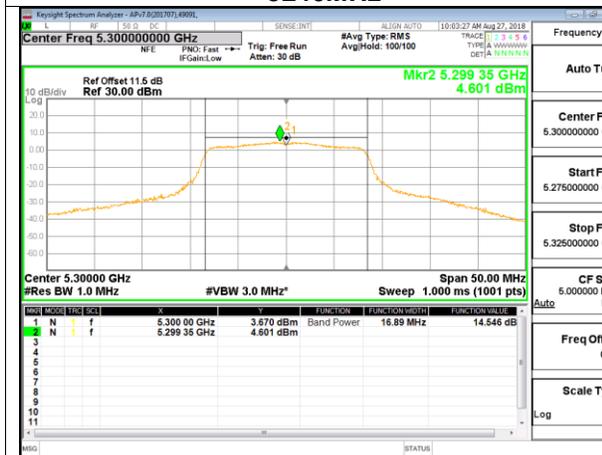
5200MHz



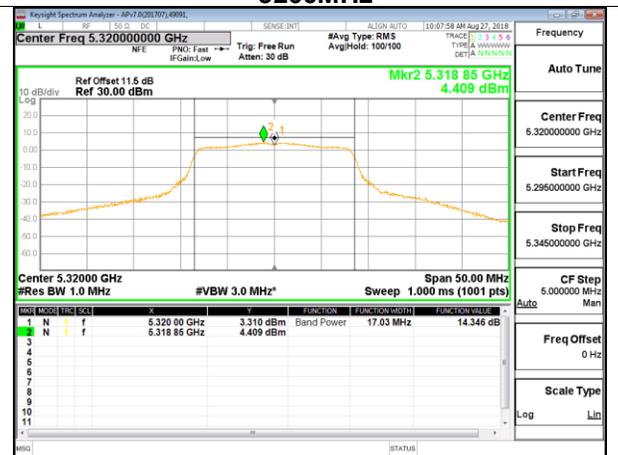
5240MHz



5260MHz



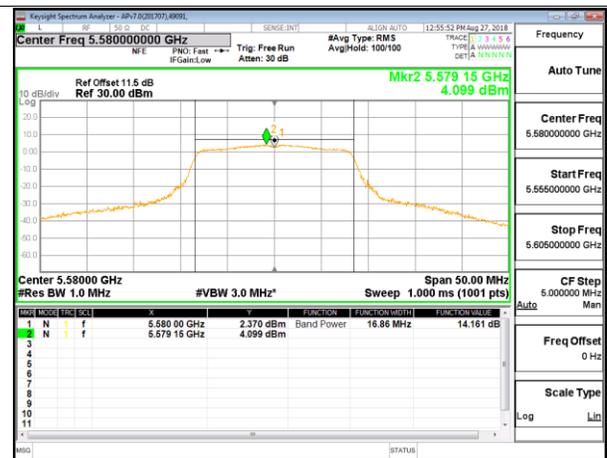
5300MHz



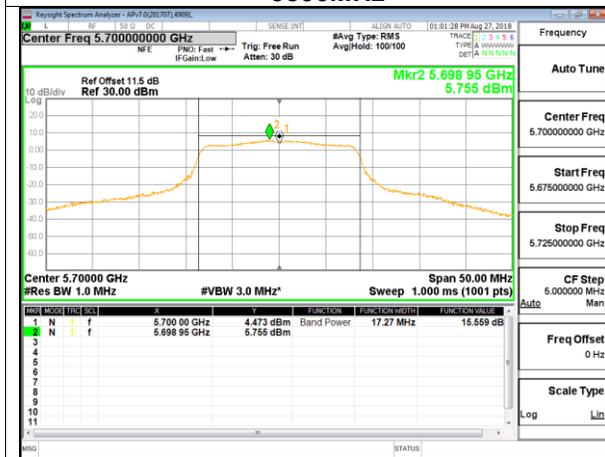
5320MHz



5500MHz



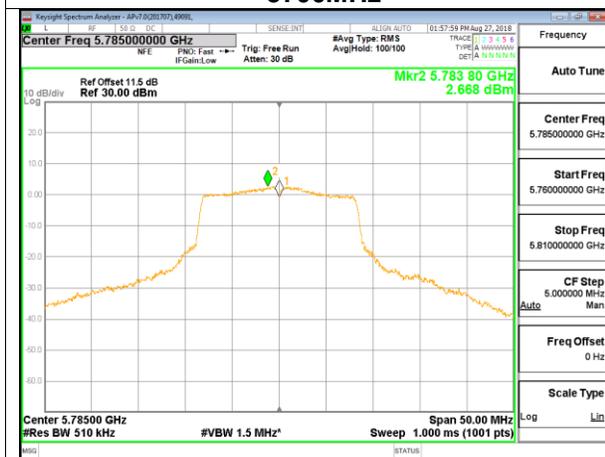
5580MHz



5700MHz



5745MHz



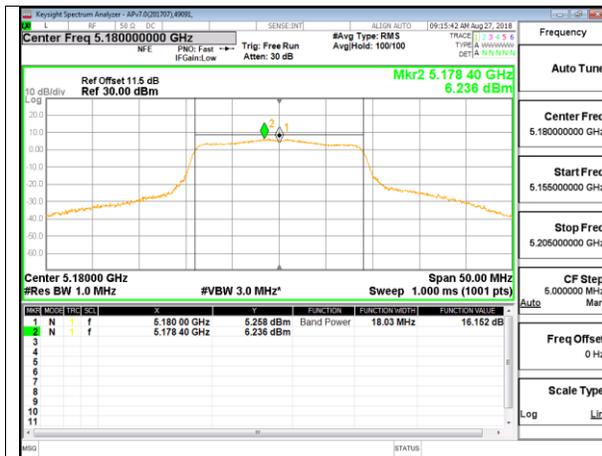
5785MHz



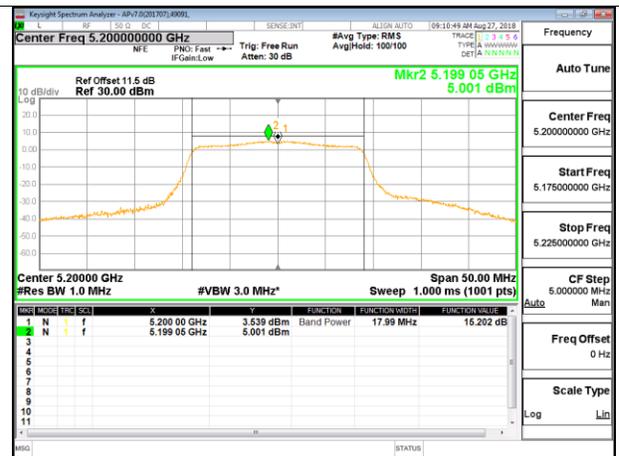
5825MHz



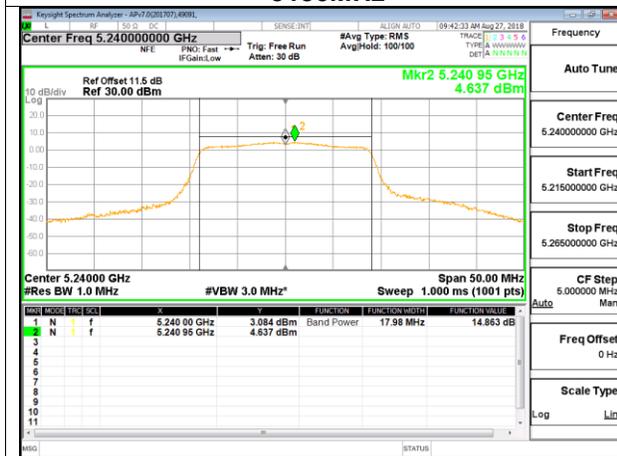
6.4.2. 802.11n20



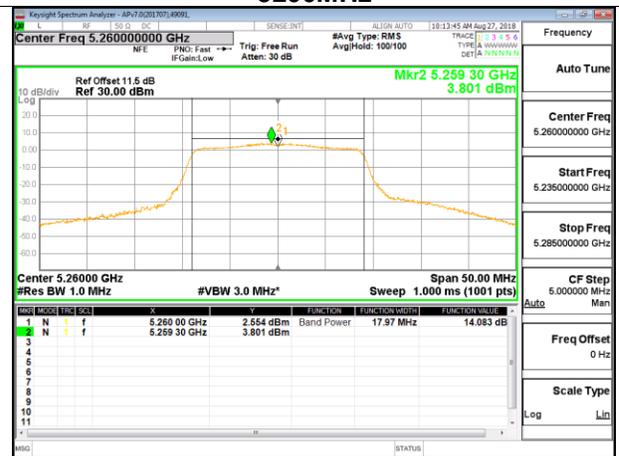
5180MHz



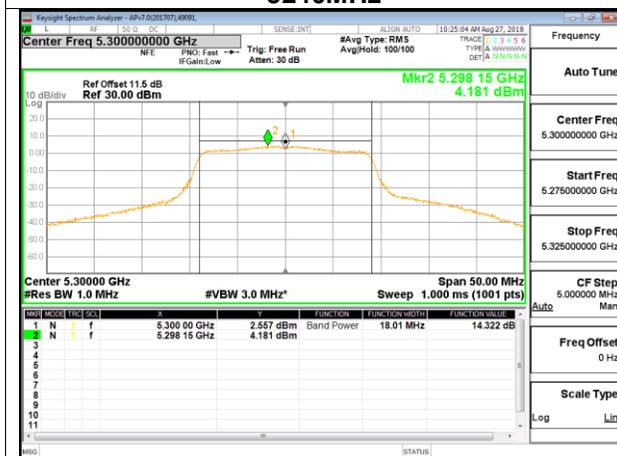
5200MHz



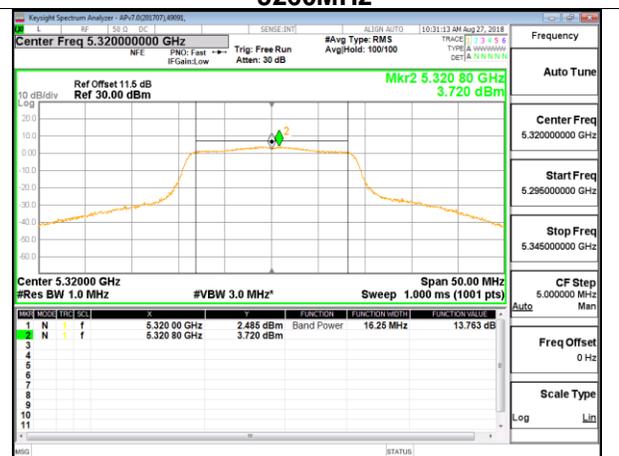
5240MHz



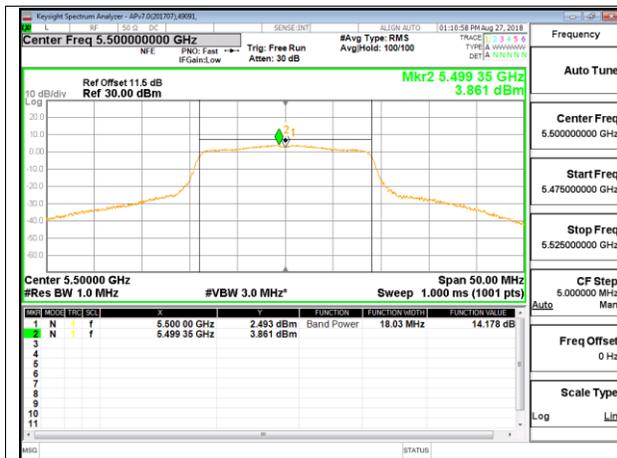
5260MHz



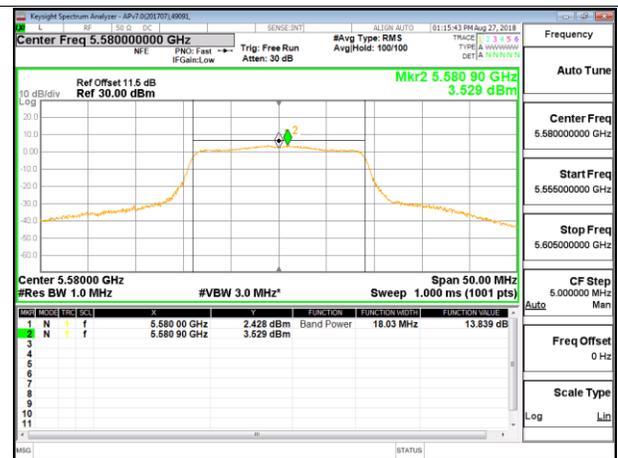
5300MHz



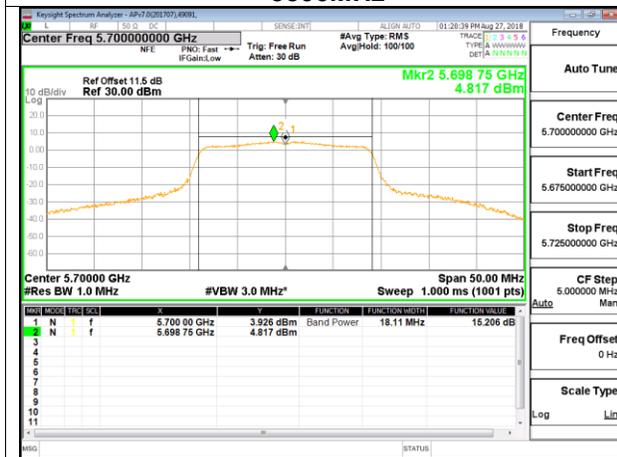
5320MHz



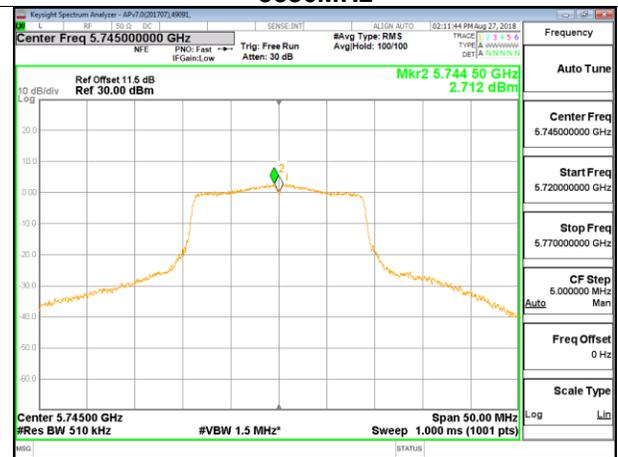
5500MHz



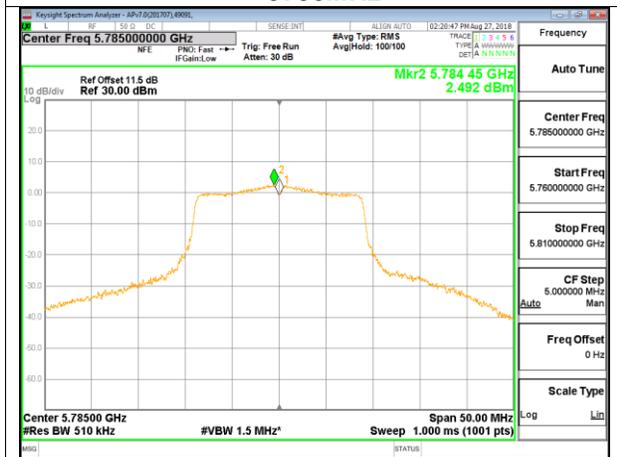
5580MHz



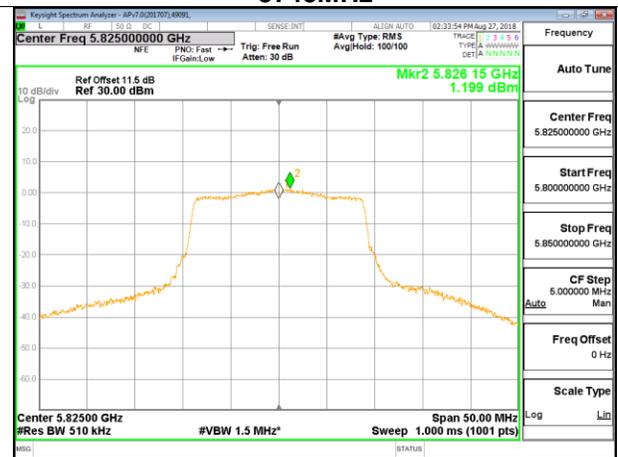
5700MHz



5745MHz



5785MHz



5825MHz



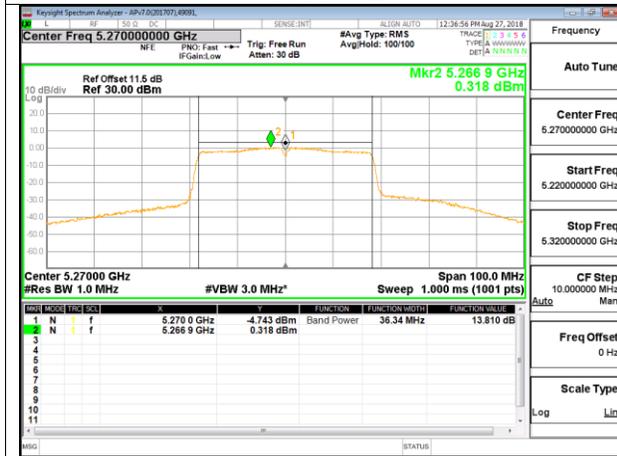
6.4.3. 802.11n40



5190MHz



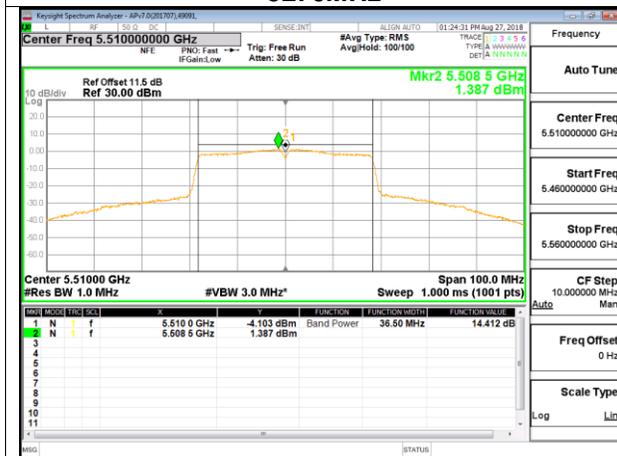
5230MHz



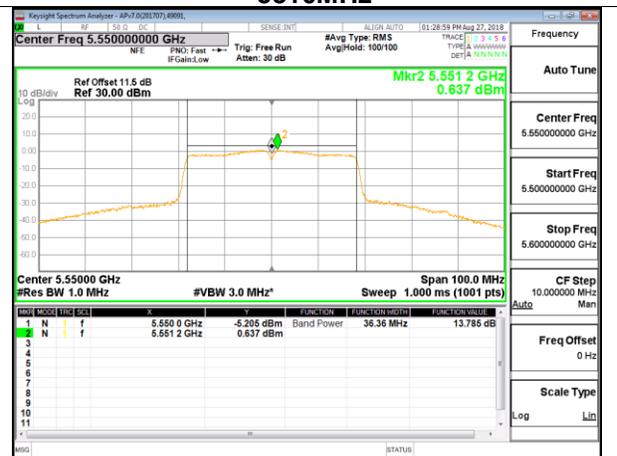
5270MHz



5310MHz



5510MHz



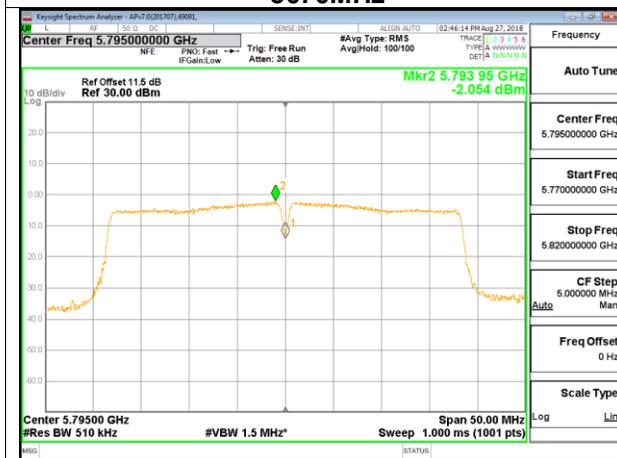
5590MHz



5670MHz



5755MHz



5795MHz



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.

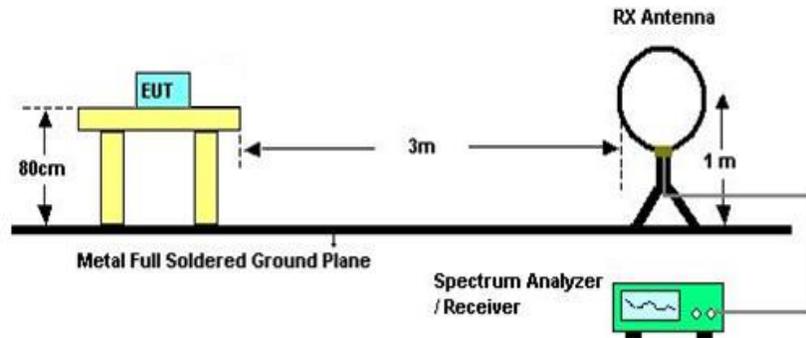
LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1GHz)		
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
		Quasi-Peak
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54
Above 1000	500	Peak
		Average
		74
		54

Limits of unwanted emission out of the restricted bands

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
30 - 88		
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
<p>Note:</p> <p>*1 beyond 75 MHz or more above of the band edge.</p> <p>*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.</p> <p>*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.</p> <p>*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p>		

TEST SETUP AND PROCEDURE

Below 30MHz

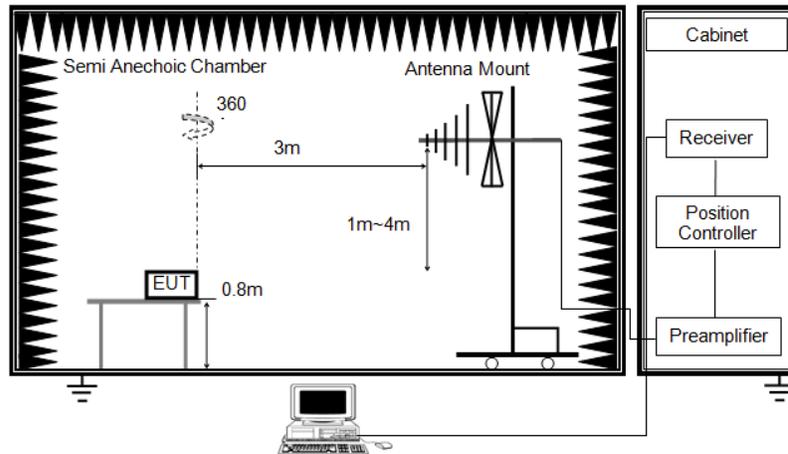


The setting of the spectrum analyser

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

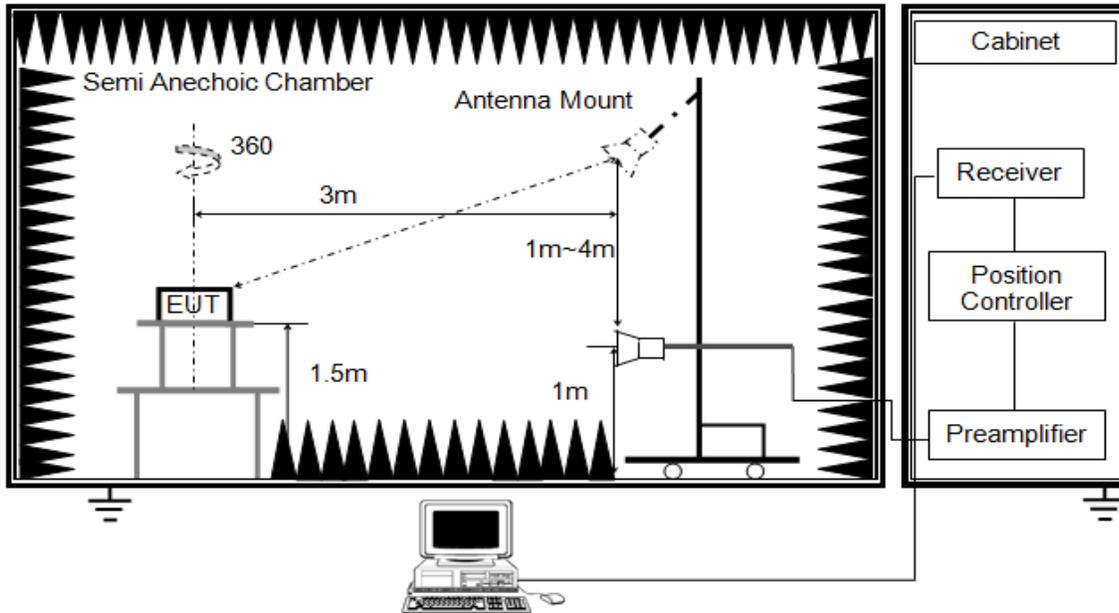


The setting of the spectrum analyser

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:

802.11b: 1KHz

802.11g: 1KHz

802.11n20: 2KHz

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

Note : The manufacturer has recommended that the EUT only be used in the desktop (horizontal)orientation; therefore, all radiated testing was performed in desktop orientation. The EUT was placed on normal orientation and all radiated emissions were performed with the EUT shown on the setup photo.

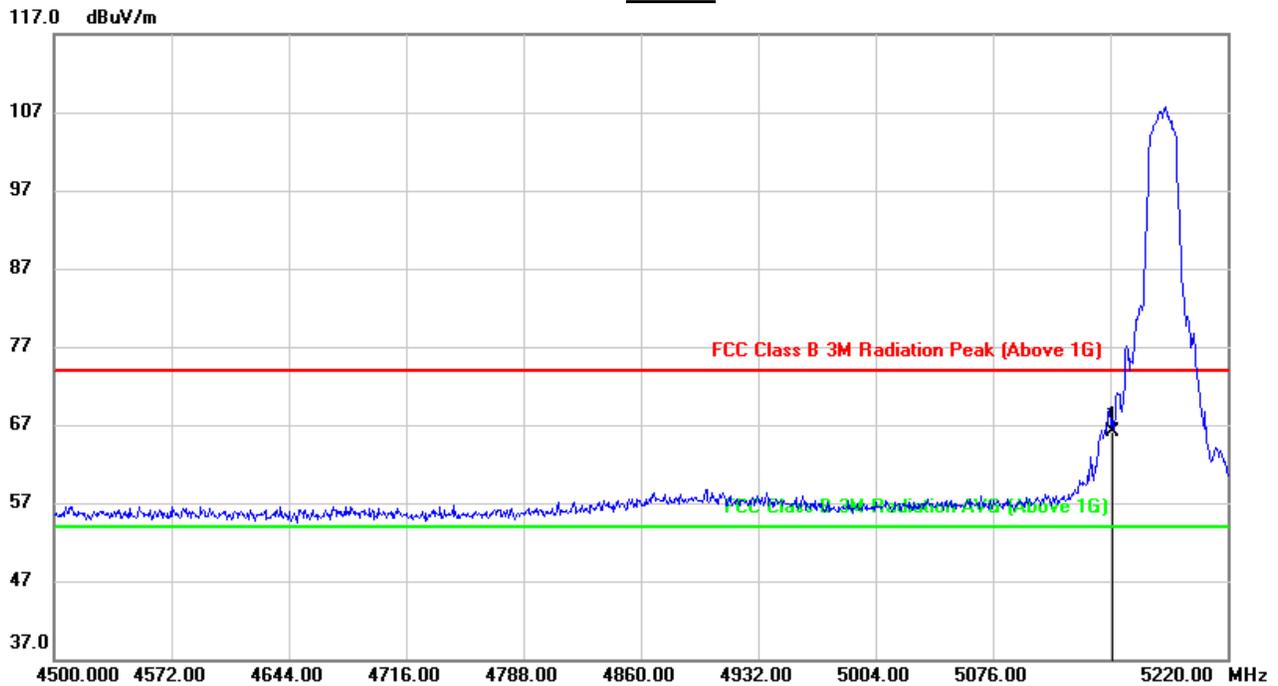


7.1. 802.11a MODE

7.1.1. UNII-1 BAND

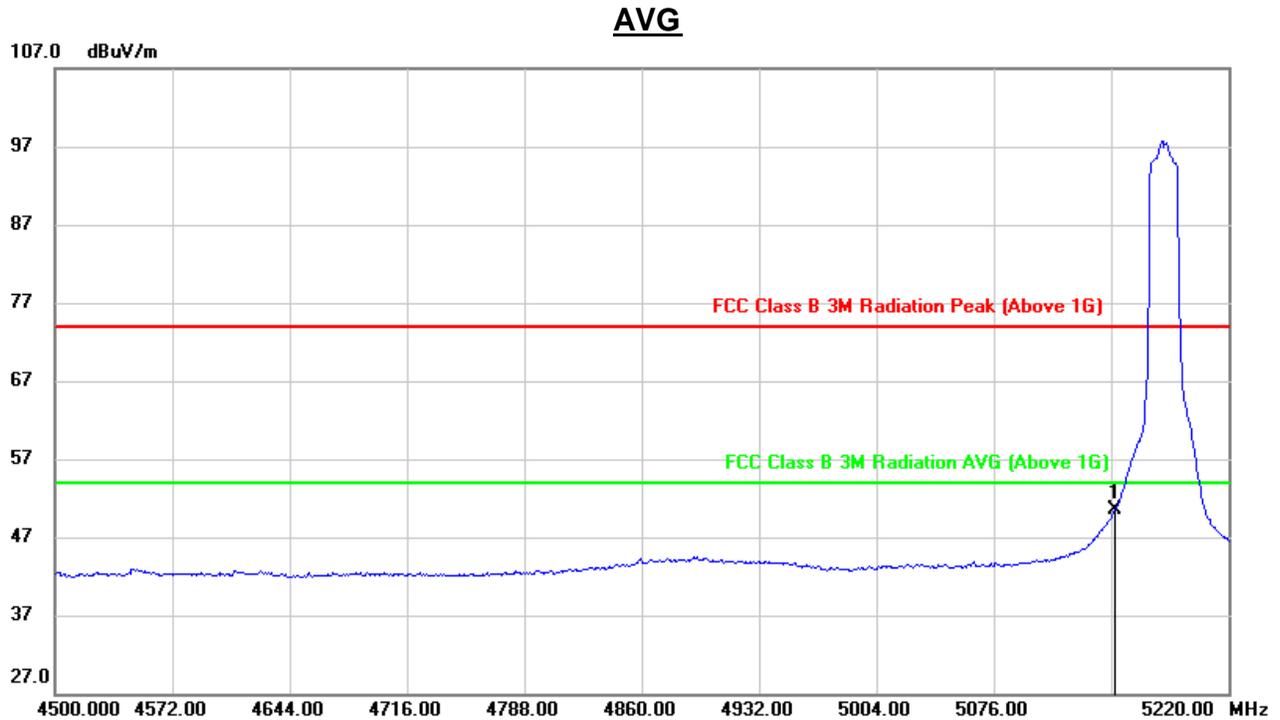
RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	25.80	40.40	66.20	74.00	-7.80	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

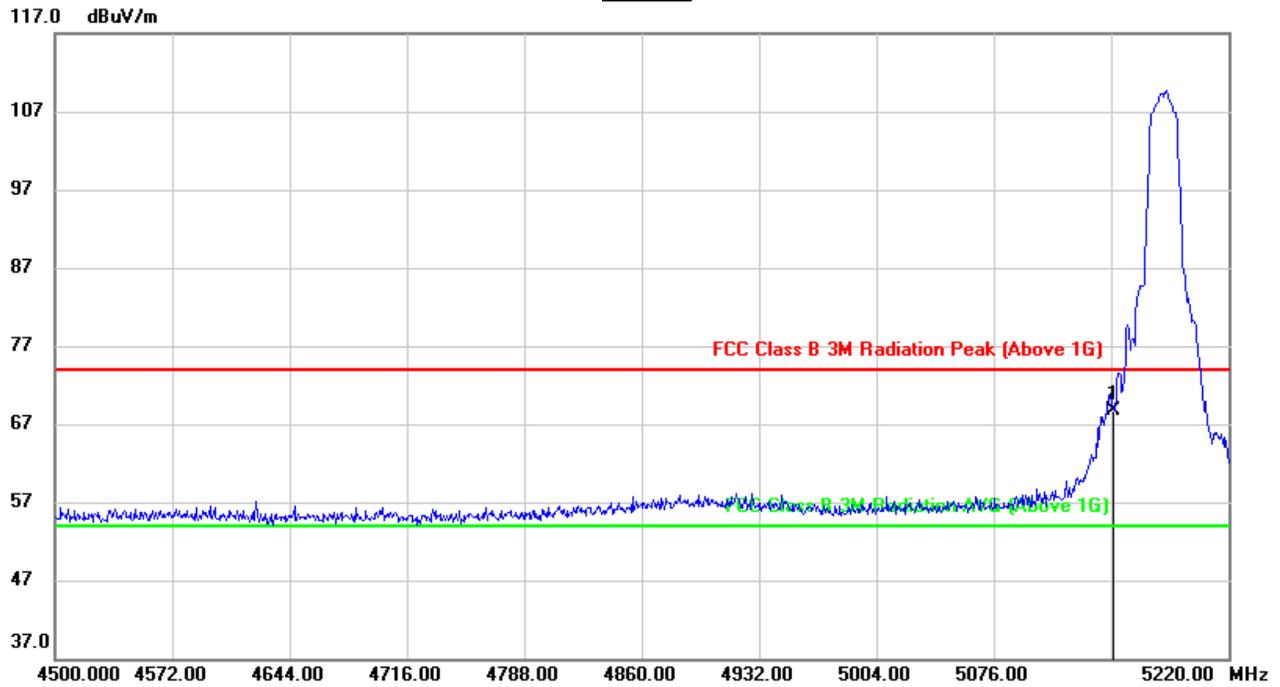


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.06	40.40	50.46	54.00	-3.54	AVG

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: t_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

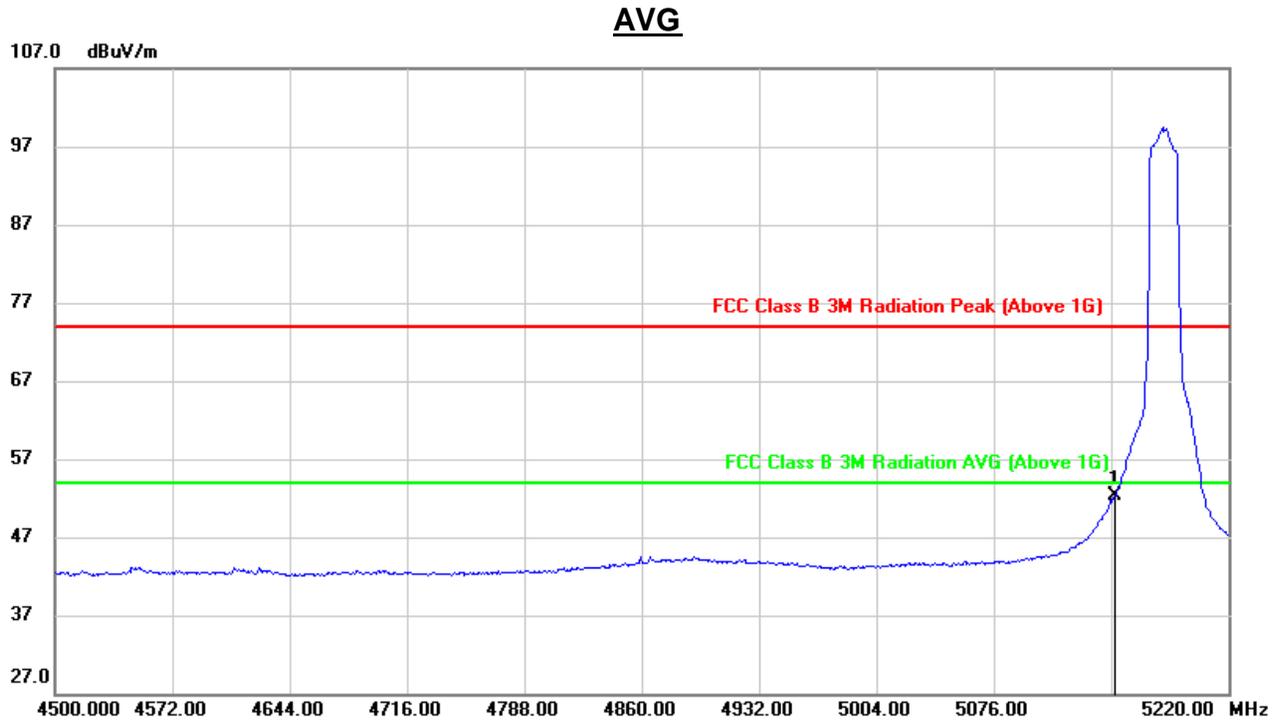


VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	28.03	40.60	68.63	74.00	-5.37	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



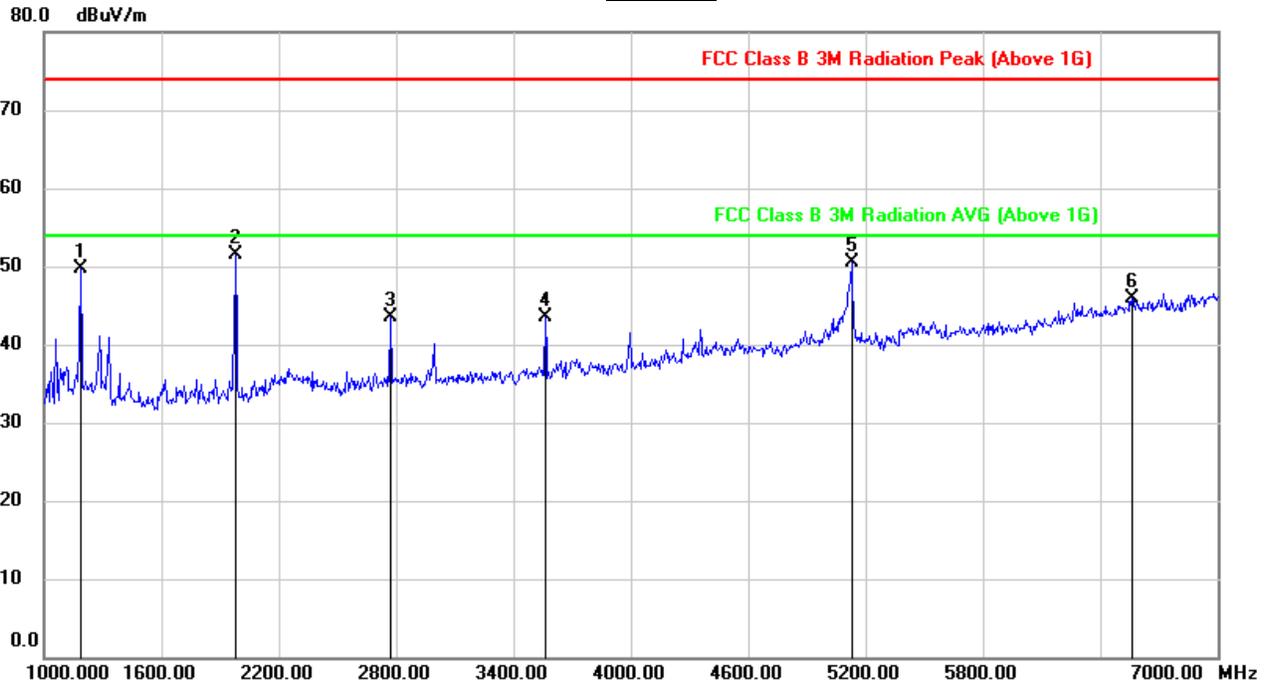
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	11.60	40.60	52.20	54.00	-1.80	AVG

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: t_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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
1-7GHz**

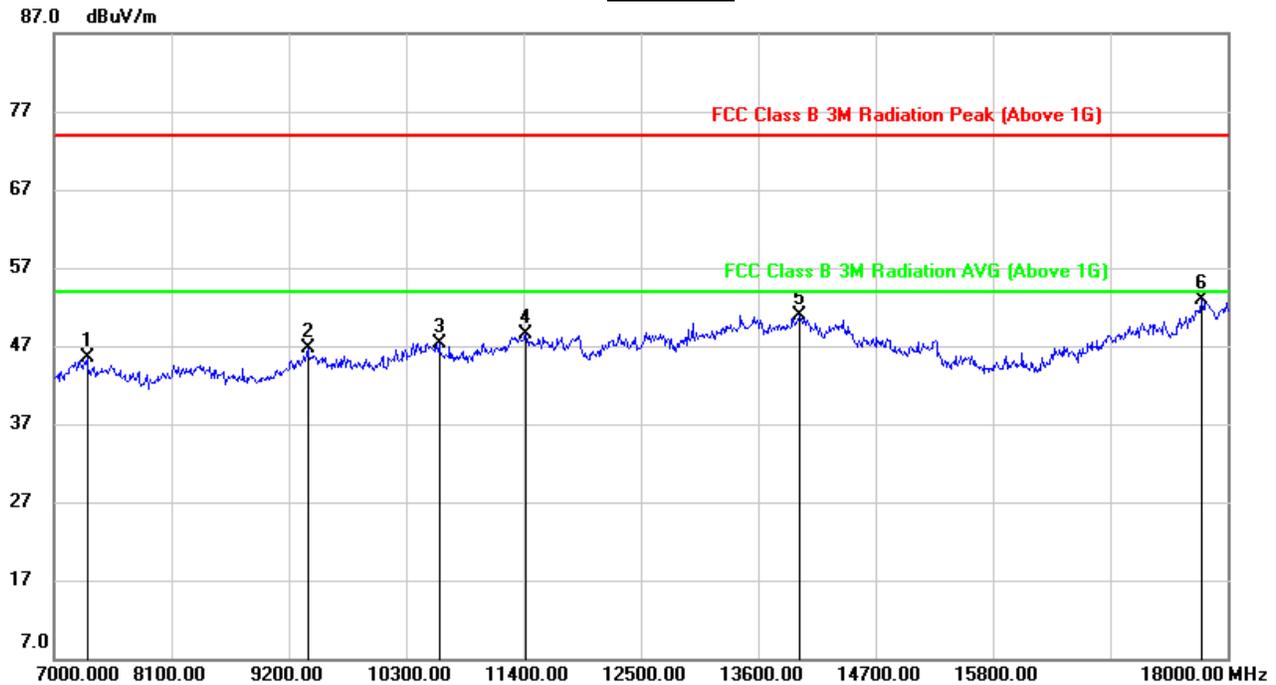


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.22	-13.50	49.72	74.00	-24.28	peak
2	1978.000	62.75	-11.26	51.49	74.00	-22.51	peak
3	2770.000	51.32	-7.85	43.47	74.00	-30.53	peak
4	3562.000	49.26	-5.74	43.52	74.00	-30.48	peak
5	5128.000	50.83	-0.34	50.49	74.00	-23.51	peak
6	6562.000	41.91	3.98	45.89	74.00	-28.11	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

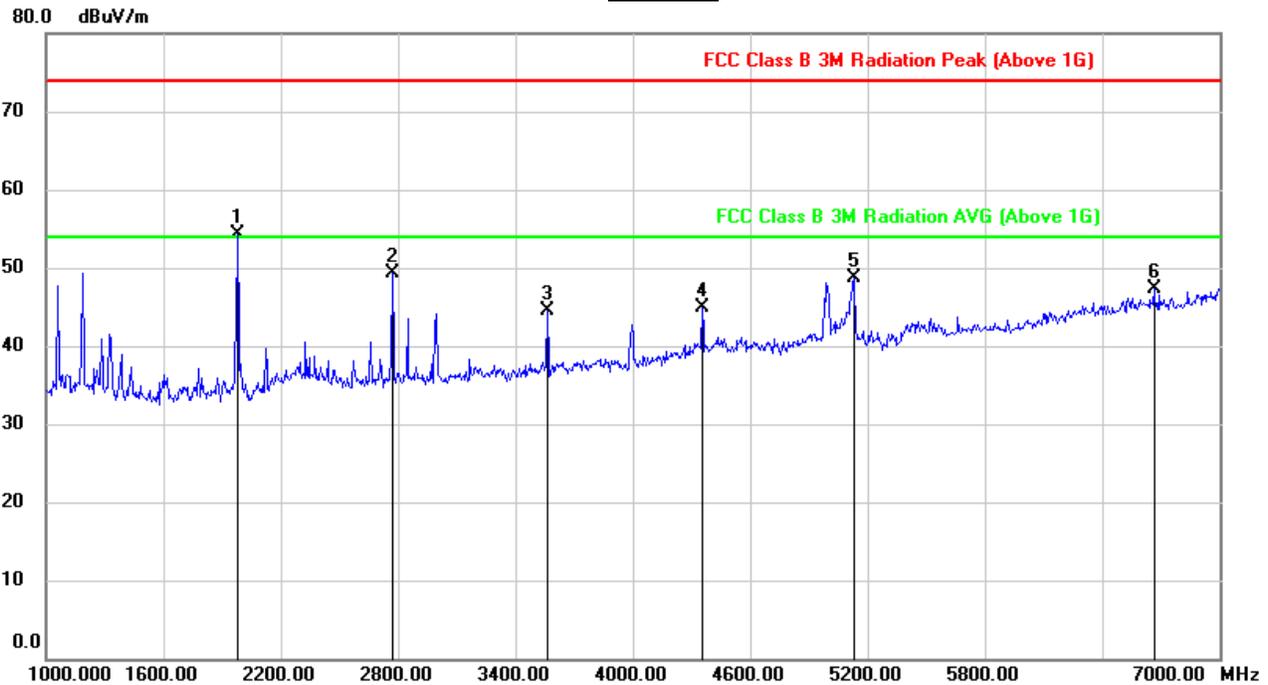


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7308.000	39.14	6.37	45.51	74.00	-28.49	peak
2	9376.000	37.26	9.47	46.73	74.00	-27.27	peak
3	10608.000	35.62	11.78	47.40	74.00	-26.60	peak
4	11422.000	34.74	13.79	48.53	74.00	-25.47	peak
5	13985.000	32.43	18.50	50.93	74.00	-23.07	peak
6	17758.000	29.22	23.68	52.90	74.00	-21.10	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

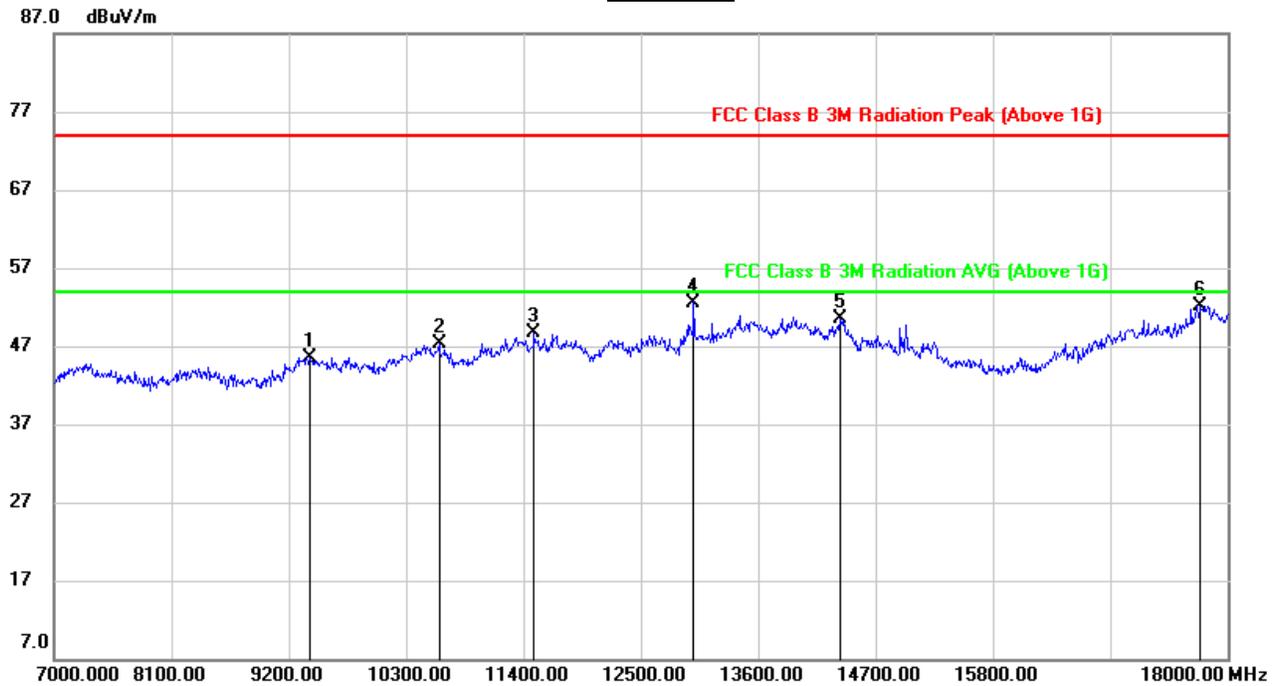


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	65.65	-11.31	54.34	74.00	-19.66	peak
2	2770.000	57.23	-7.91	49.32	74.00	-24.68	peak
3	3562.000	50.13	-5.71	44.42	74.00	-29.58	peak
4	4354.000	47.57	-2.71	44.86	74.00	-29.14	peak
5	5128.000	48.91	-0.14	48.77	74.00	-25.23	peak
6	6664.000	42.96	4.33	47.29	74.00	-26.71	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



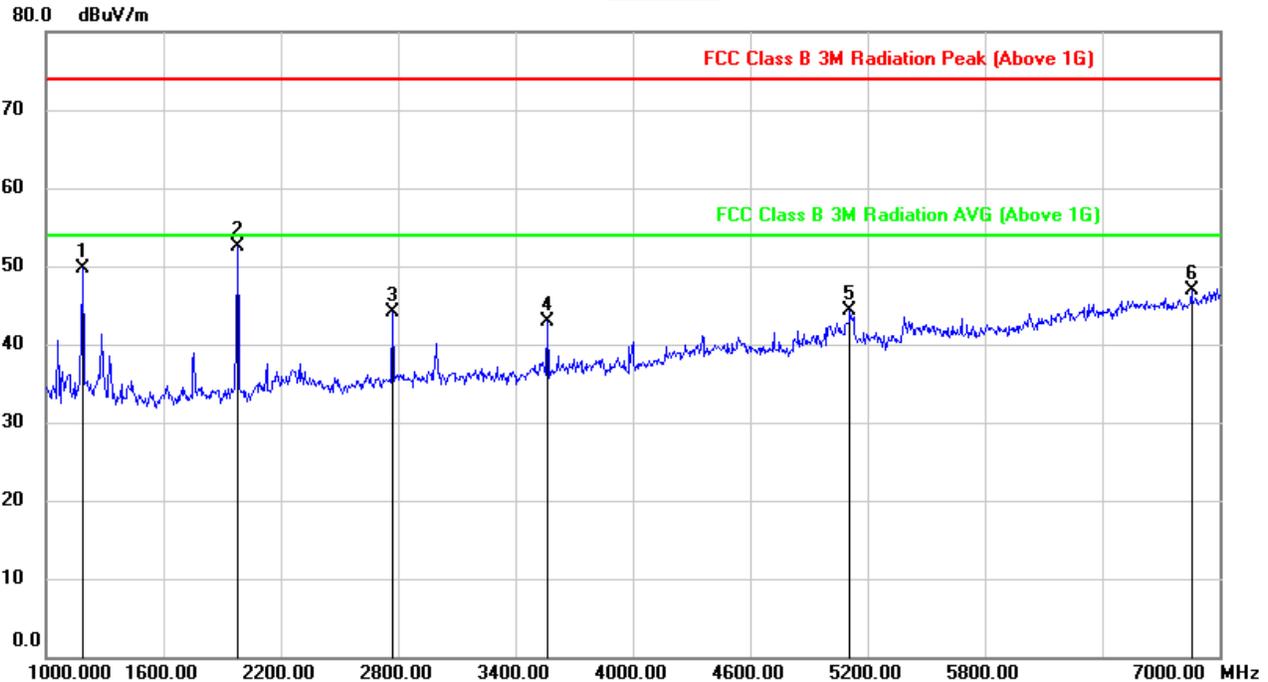
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9398.000	35.98	9.55	45.53	74.00	-28.47	peak
2	10608.000	35.27	11.98	47.25	74.00	-26.75	peak
3	11499.000	34.59	14.07	48.66	74.00	-25.34	peak
4	12995.000	35.77	16.83	52.60	74.00	-21.40	peak
5	14370.000	32.24	18.27	50.51	74.00	-23.49	peak
6	17736.000	28.31	23.80	52.11	74.00	-21.89	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

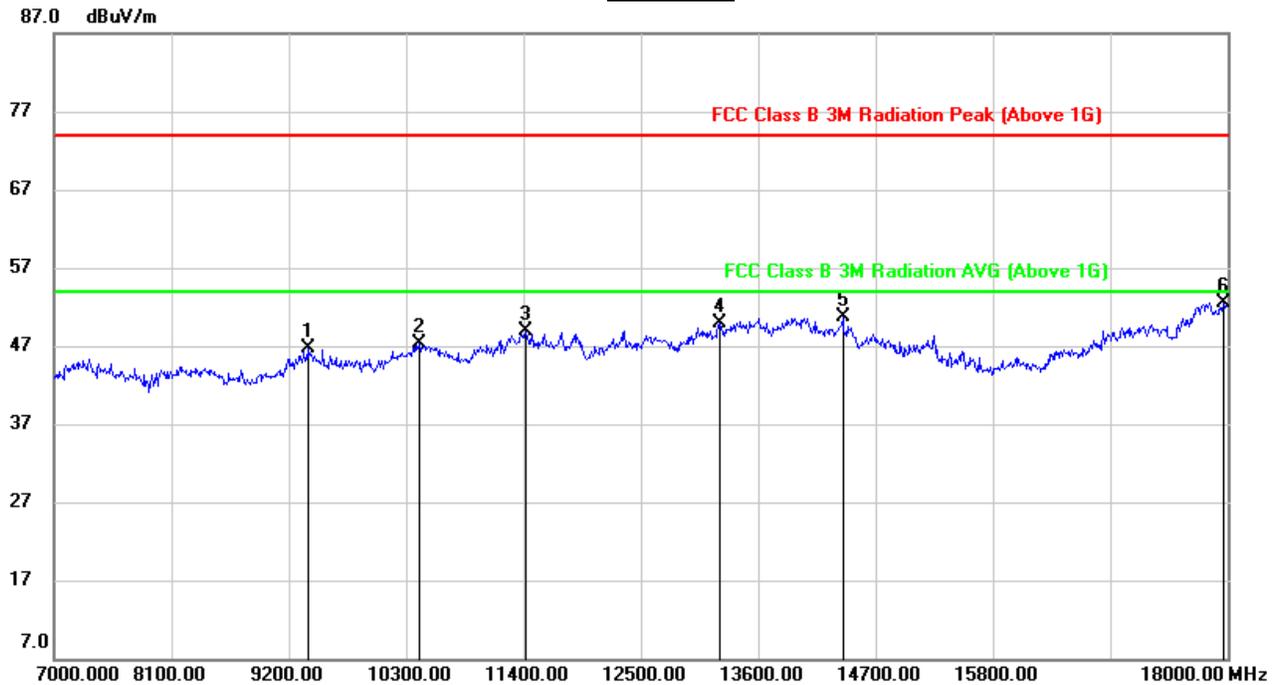


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.28	-13.50	49.78	74.00	-24.22	peak
2	1978.000	63.79	-11.26	52.53	74.00	-21.47	peak
3	2770.000	51.98	-7.85	44.13	74.00	-29.87	peak
4	3562.000	48.66	-5.74	42.92	74.00	-31.08	peak
5	5110.000	44.79	-0.44	44.35	74.00	-29.65	peak
6	6856.000	42.10	4.71	46.81	74.00	-27.19	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

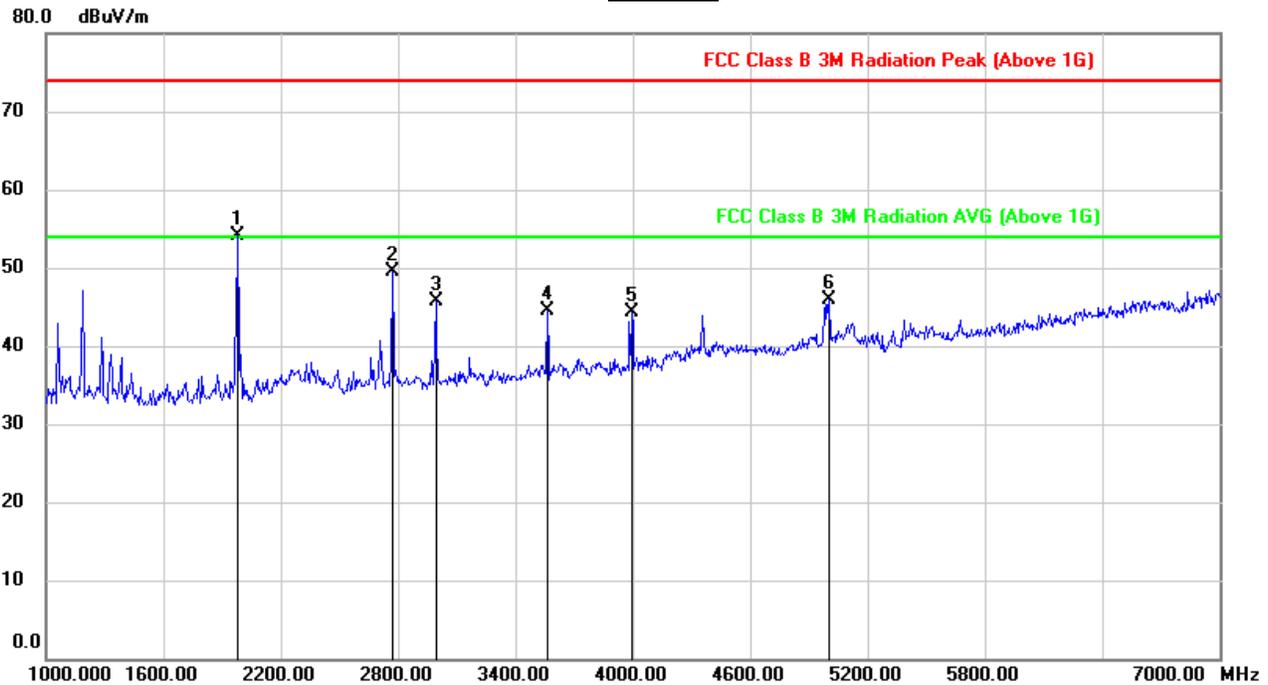


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.15	9.47	46.62	74.00	-27.38	peak
2	10421.000	35.72	11.51	47.23	74.00	-26.77	peak
3	11422.000	35.18	13.79	48.97	74.00	-25.03	peak
4	13237.000	32.65	17.34	49.99	74.00	-24.01	peak
5	14392.000	32.73	17.92	50.65	74.00	-23.35	peak
6	17956.000	27.74	24.80	52.54	74.00	-21.46	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

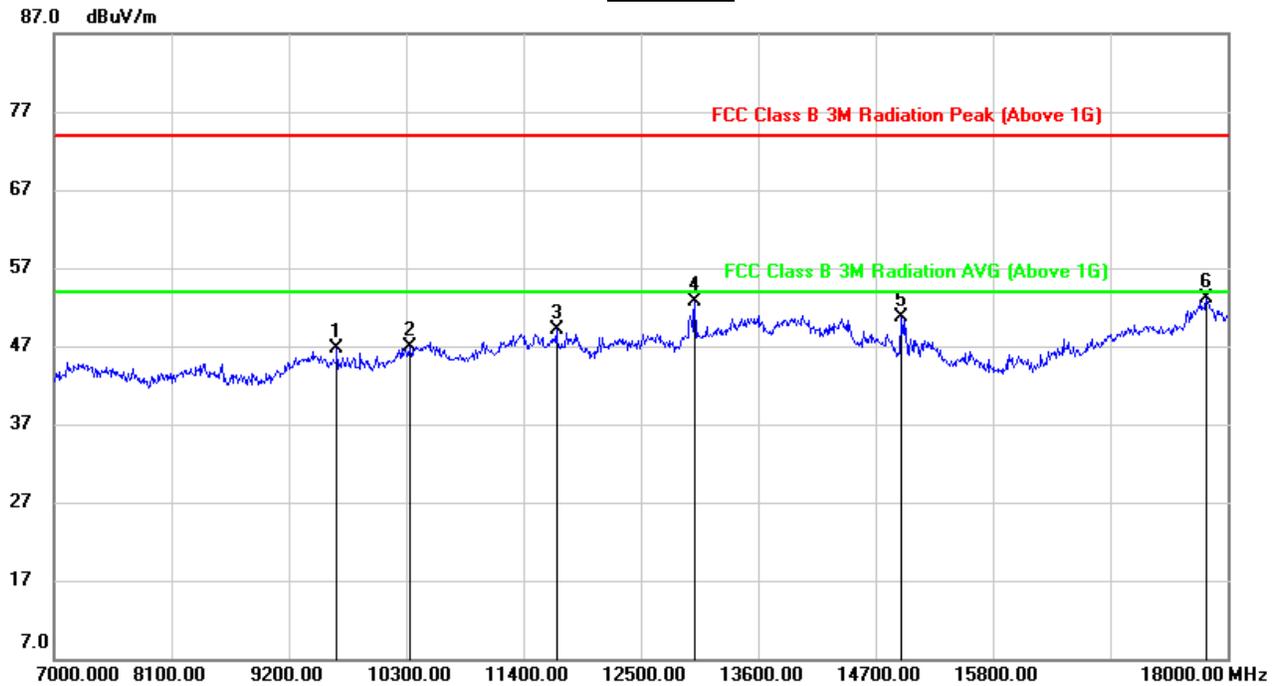


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	65.37	-11.31	54.06	74.00	-19.94	peak
2	2770.000	57.44	-7.91	49.53	74.00	-24.47	peak
3	2992.000	52.99	-7.29	45.70	74.00	-28.30	peak
4	3562.000	50.17	-5.71	44.46	74.00	-29.54	peak
5	3994.000	48.84	-4.54	44.30	74.00	-29.70	peak
6	5002.000	46.62	-0.78	45.84	74.00	-28.16	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



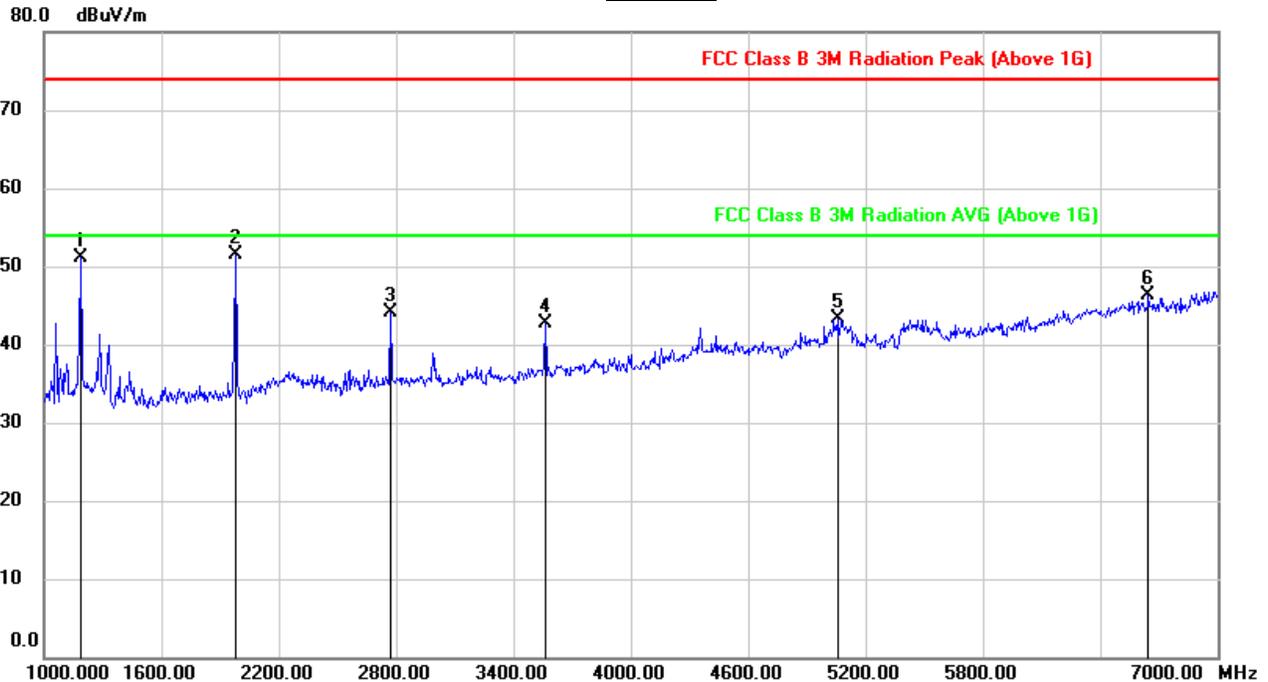
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9651.000	36.91	9.74	46.65	74.00	-27.35	peak
2	10333.000	35.84	11.10	46.94	74.00	-27.06	peak
3	11708.000	34.37	14.68	49.05	74.00	-24.95	peak
4	13006.000	35.89	16.81	52.70	74.00	-21.30	peak
5	14942.000	34.48	16.16	50.64	74.00	-23.36	peak
6	17802.000	28.51	24.61	53.12	74.00	-20.88	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

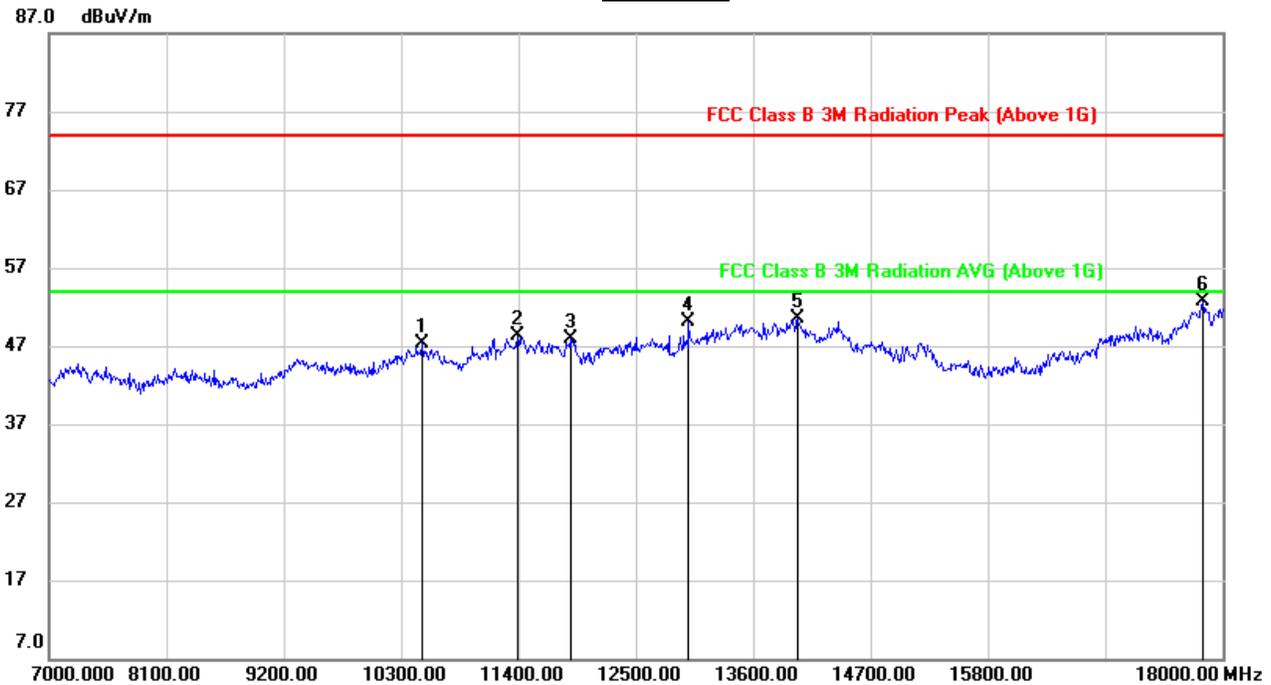


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.58	-13.50	51.08	74.00	-22.92	peak
2	1978.000	62.80	-11.26	51.54	74.00	-22.46	peak
3	2770.000	51.90	-7.85	44.05	74.00	-29.95	peak
4	3562.000	48.44	-5.74	42.70	74.00	-31.30	peak
5	5056.000	43.90	-0.67	43.23	74.00	-30.77	peak
6	6646.000	42.13	4.17	46.30	74.00	-27.70	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

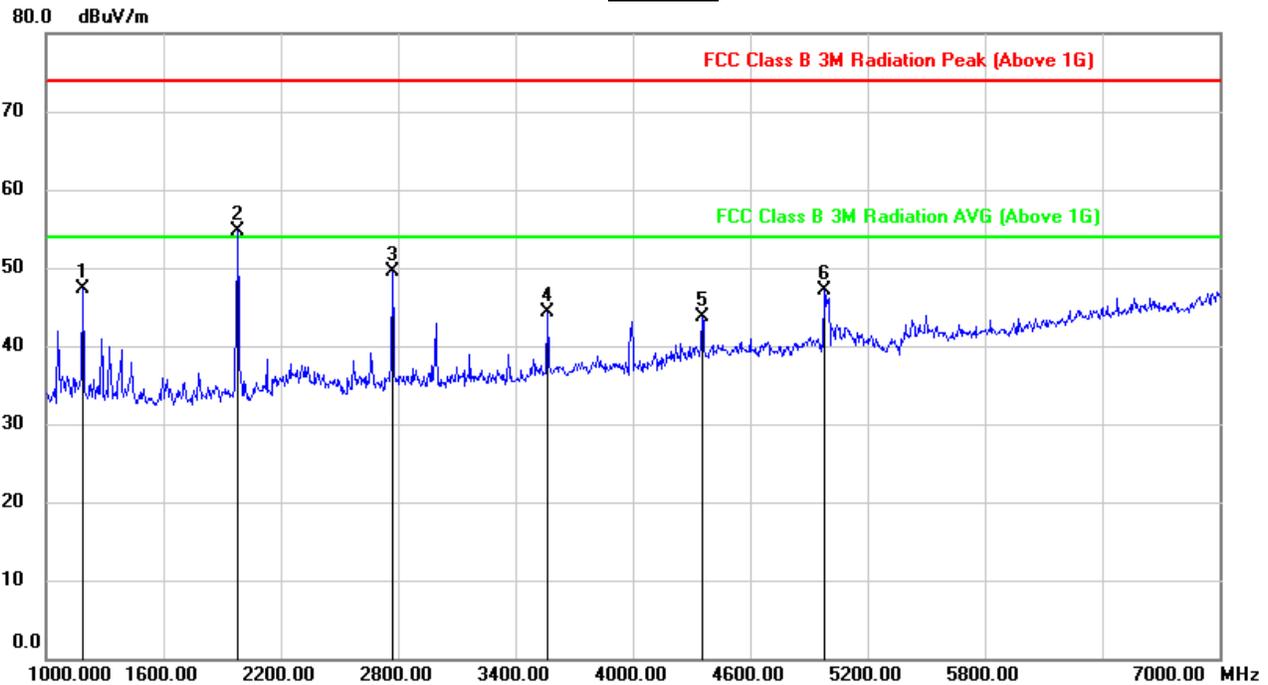


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10498.000	35.36	11.91	47.27	74.00	-26.73	peak
2	11389.000	34.65	13.59	48.24	74.00	-25.76	peak
3	11884.000	32.88	14.93	47.81	74.00	-26.19	peak
4	12995.000	33.39	16.66	50.05	74.00	-23.95	peak
5	14018.000	32.02	18.47	50.49	74.00	-23.51	peak
6	17813.000	28.45	24.25	52.70	74.00	-21.30	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

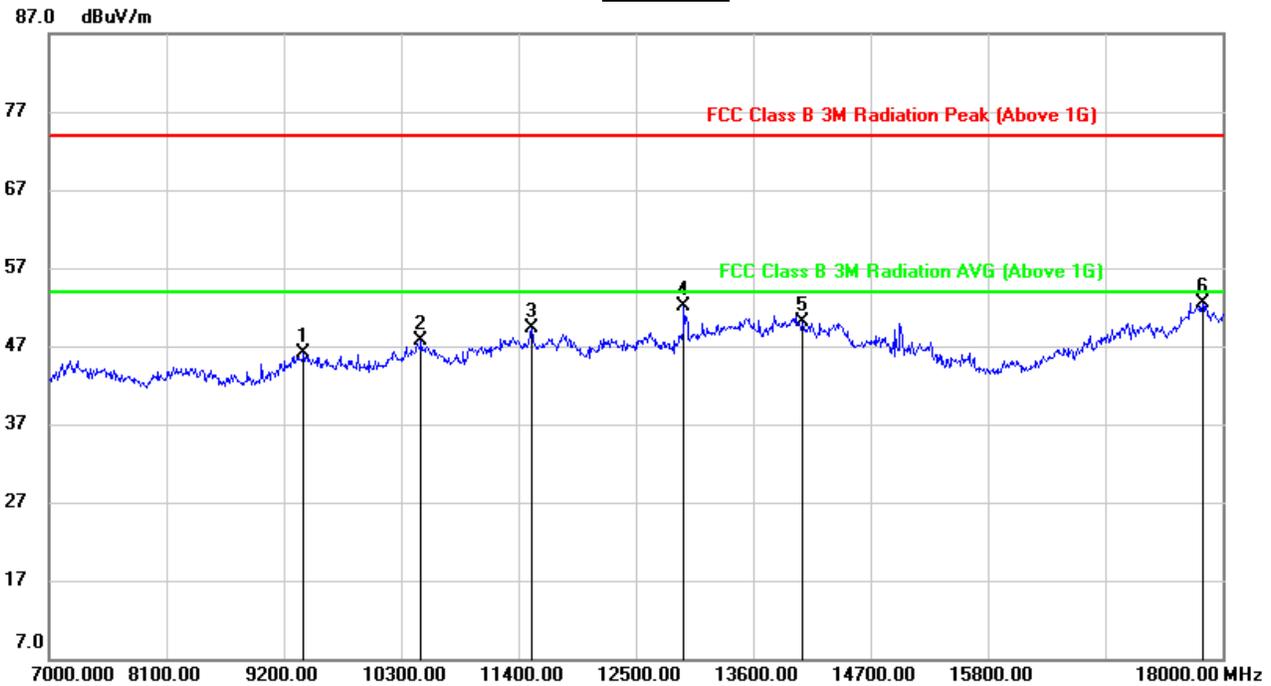


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	60.87	-13.62	47.25	74.00	-26.75	peak
2	1978.000	65.99	-11.31	54.68	74.00	-19.32	peak
3	2770.000	57.49	-7.91	49.58	74.00	-24.42	peak
4	3562.000	49.94	-5.71	44.23	74.00	-29.77	peak
5	4354.000	46.37	-2.71	43.66	74.00	-30.34	peak
6	4978.000	47.97	-0.77	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9387.000	36.62	9.54	46.16	74.00	-27.84	peak
2	10487.000	35.81	11.95	47.76	74.00	-26.24	peak
3	11521.000	35.10	14.14	49.24	74.00	-24.76	peak
4	12951.000	35.53	16.61	52.14	74.00	-21.86	peak
5	14062.000	31.80	18.40	50.20	74.00	-23.80	peak
6	17813.000	28.14	24.44	52.58	74.00	-21.42	peak

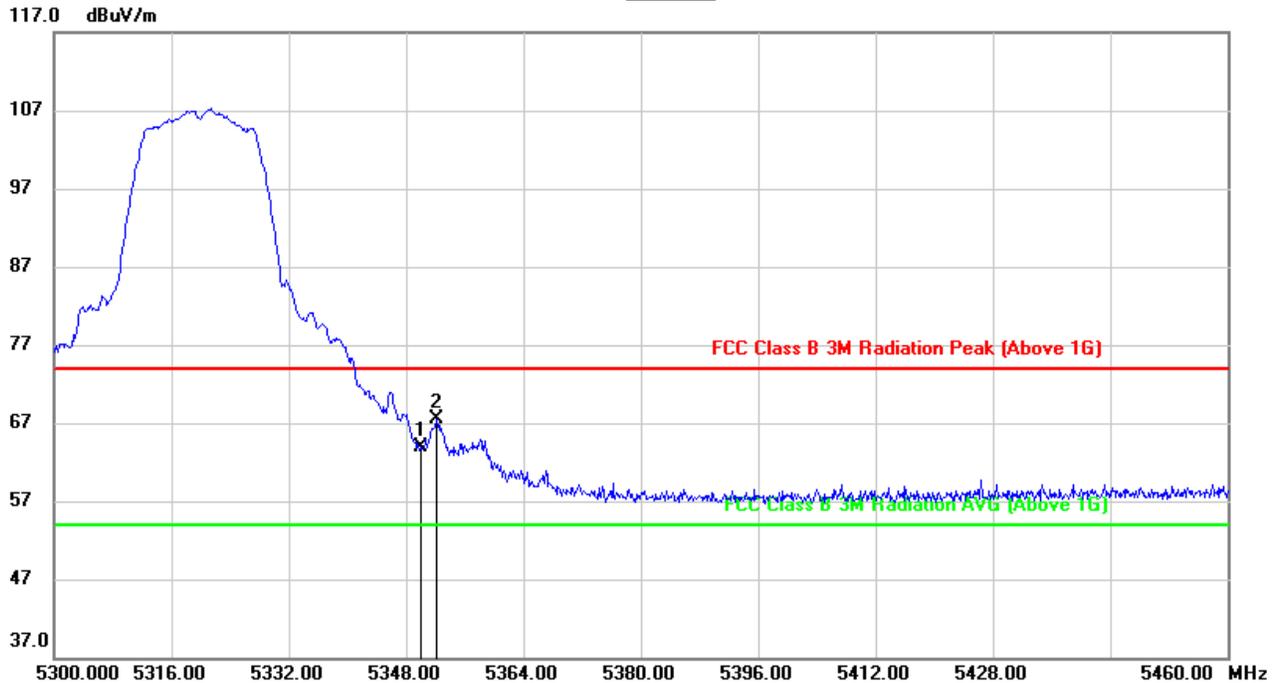
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7.1.2. UNII-2A BAND

RESTRICTED BANEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK

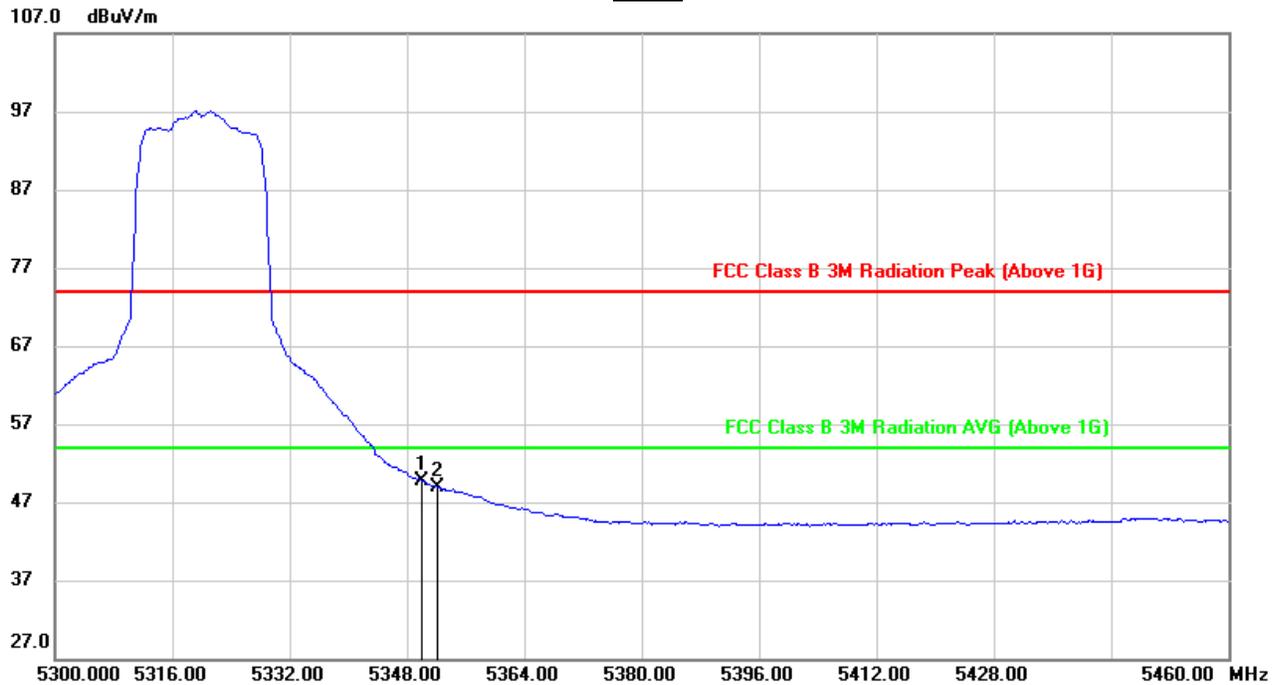


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	23.39	40.44	63.83	74.00	-10.17	peak
2	5352.160	27.11	40.45	67.56	74.00	-6.44	peak

- 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

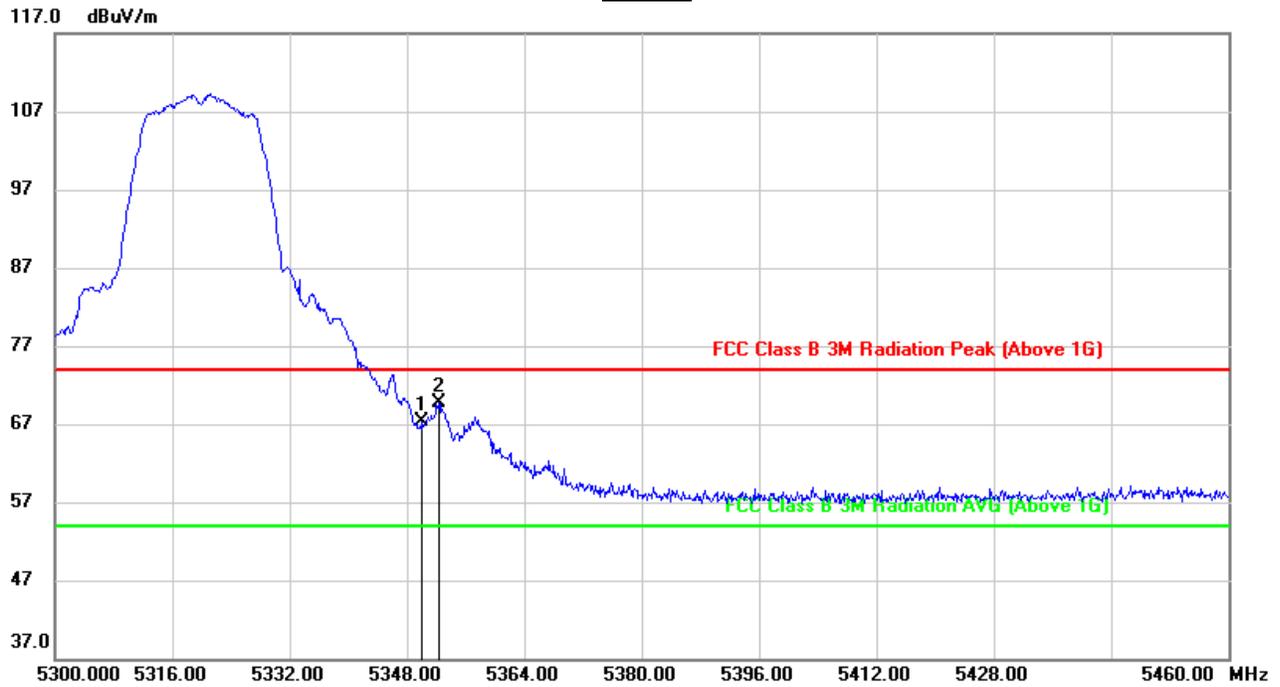


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	9.27	40.44	49.71	54.00	-4.29	AVG
2	5352.160	8.51	40.45	48.96	54.00	-5.04	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: ton is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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

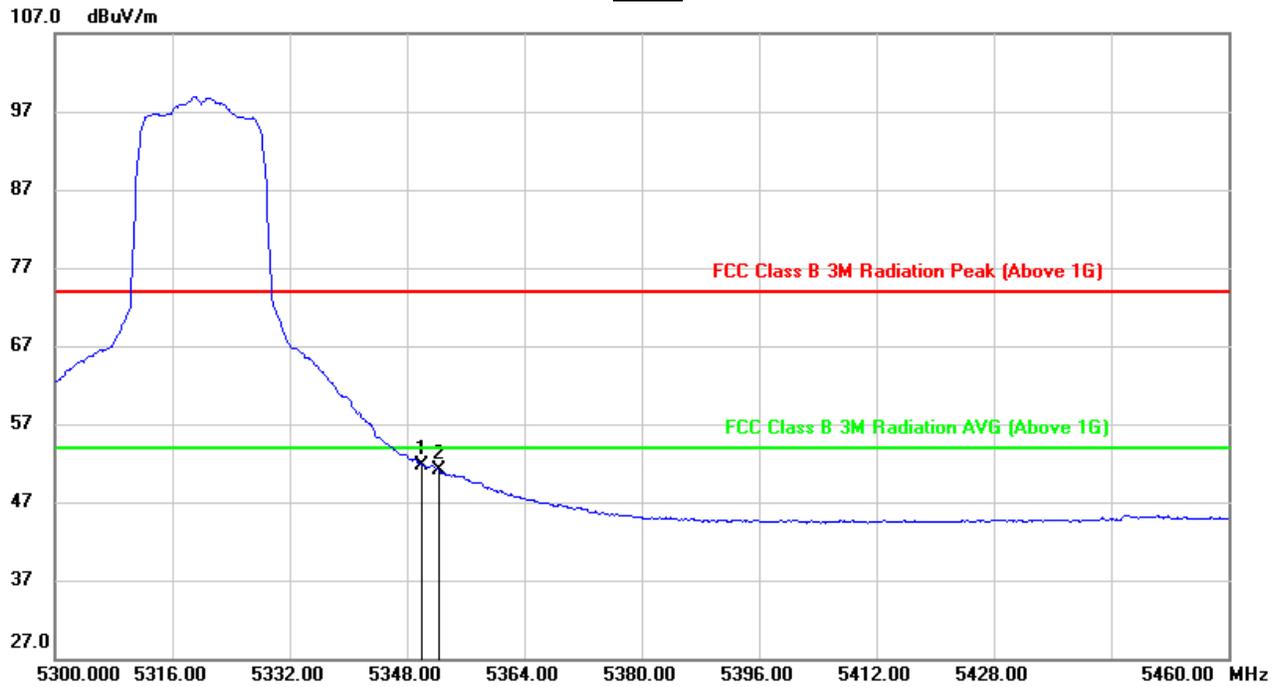


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	26.82	40.54	67.36	74.00	-6.64	peak
2	5352.320	29.12	40.55	69.67	74.00	-4.33	peak

- 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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



AVG



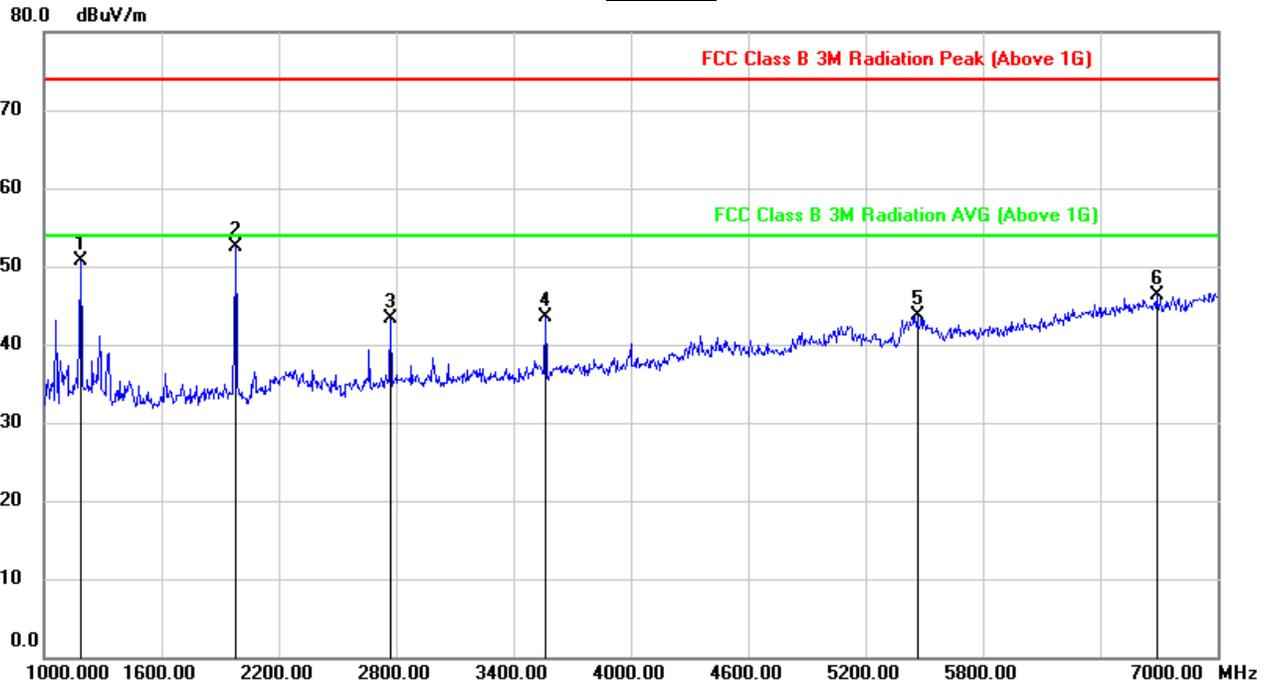
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	11.26	40.54	51.80	54.00	-2.20	AVG
2	5352.320	10.54	40.55	51.09	54.00	-2.91	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. AVG: VBW=1/Ton where: ton is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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
1-7GHz**

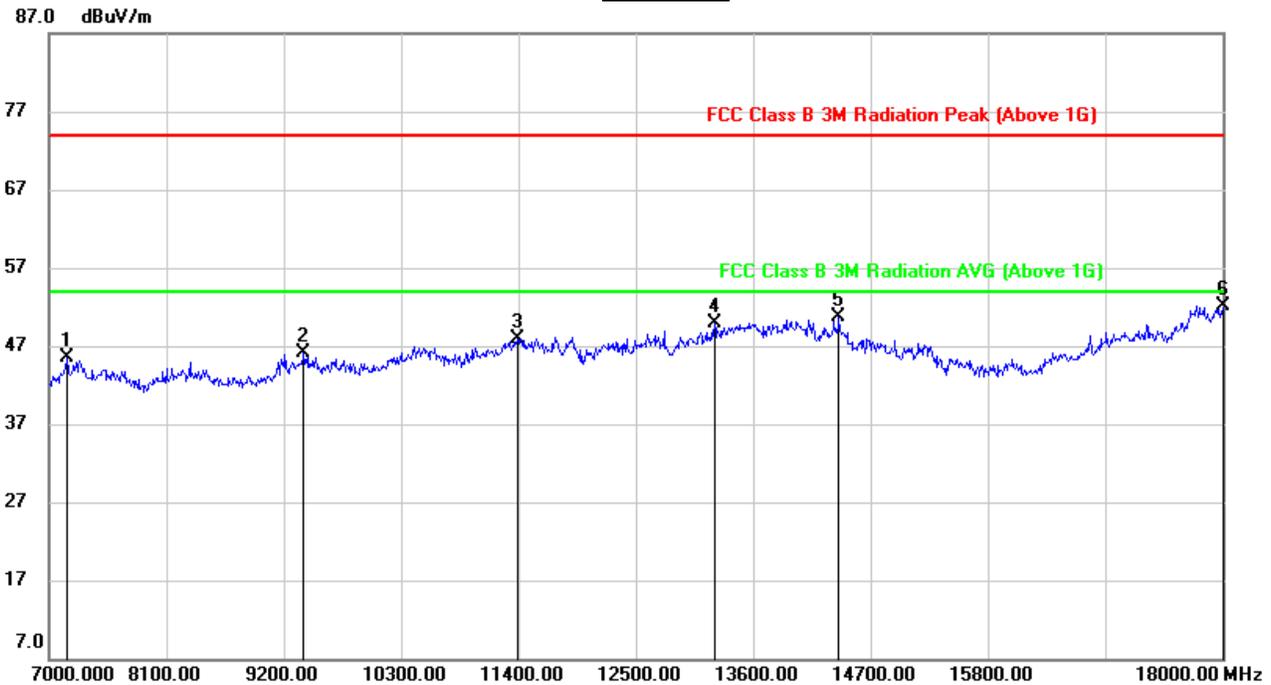


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.14	-13.50	50.64	74.00	-23.36	peak
2	1978.000	63.74	-11.26	52.48	74.00	-21.52	peak
3	2770.000	51.07	-7.85	43.22	74.00	-30.78	peak
4	3562.000	49.16	-5.74	43.42	74.00	-30.58	peak
5	5464.000	42.99	0.78	43.77	74.00	-30.23	peak
6	6688.000	42.17	4.17	46.34	74.00	-27.66	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.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

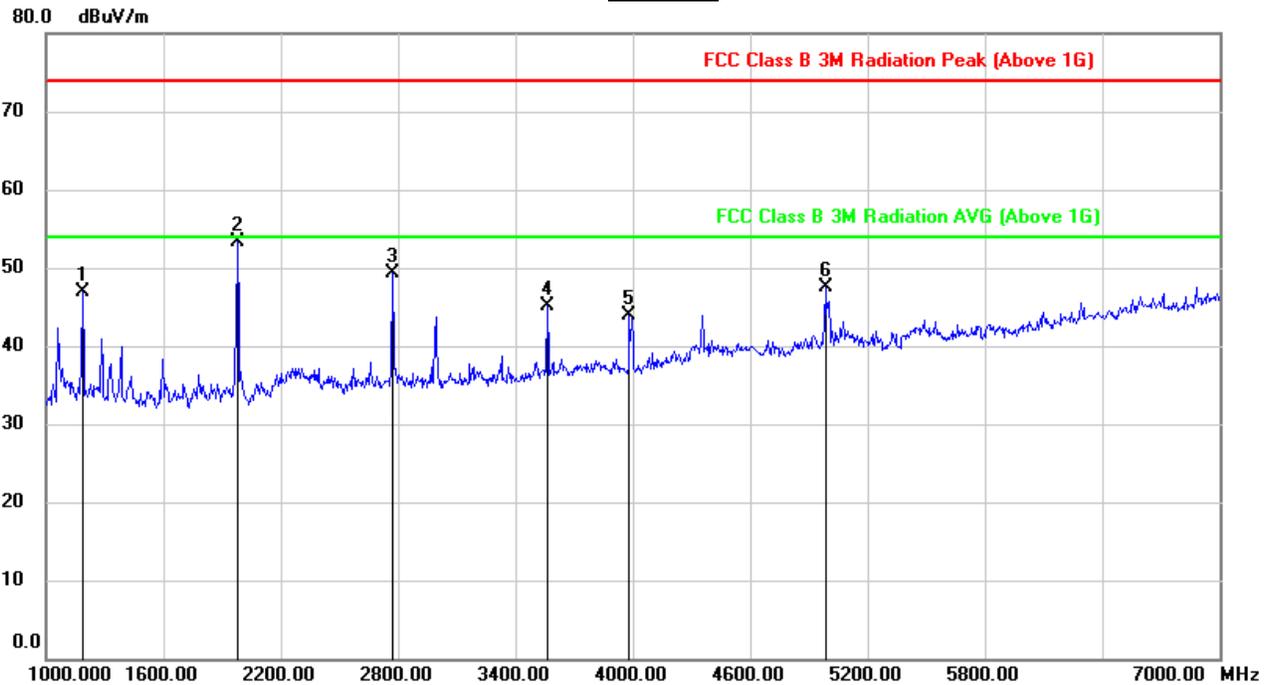


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7165.000	39.07	6.36	45.43	74.00	-28.57	peak
2	9387.000	36.66	9.51	46.17	74.00	-27.83	peak
3	11389.000	34.26	13.59	47.85	74.00	-26.15	peak
4	13237.000	32.59	17.34	49.93	74.00	-24.07	peak
5	14403.000	32.88	17.89	50.77	74.00	-23.23	peak
6	18000.000	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

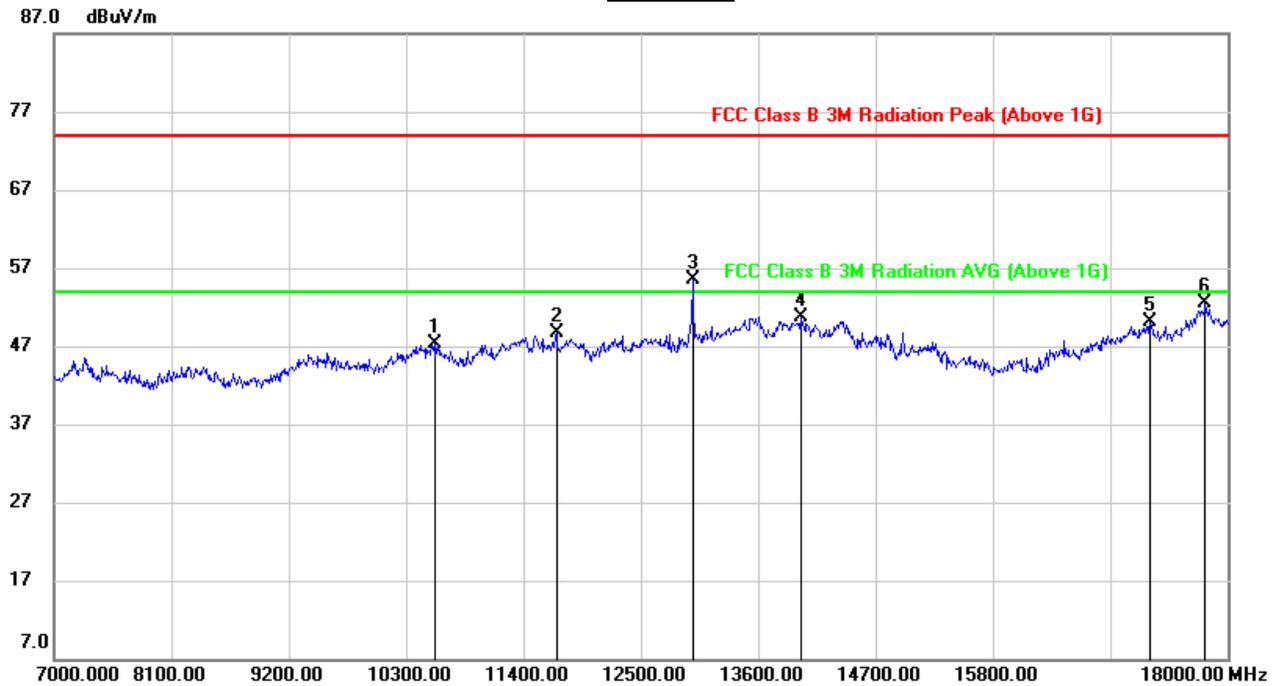


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	60.56	-13.62	46.94	74.00	-27.06	peak
2	1978.000	64.61	-11.31	53.30	74.00	-20.70	peak
3	2770.000	57.12	-7.91	49.21	74.00	-24.79	peak
4	3562.000	50.87	-5.71	45.16	74.00	-28.84	peak
5	3982.000	48.38	-4.54	43.84	74.00	-30.16	peak
6	4984.000	48.19	-0.78	47.41	74.00	-26.59	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



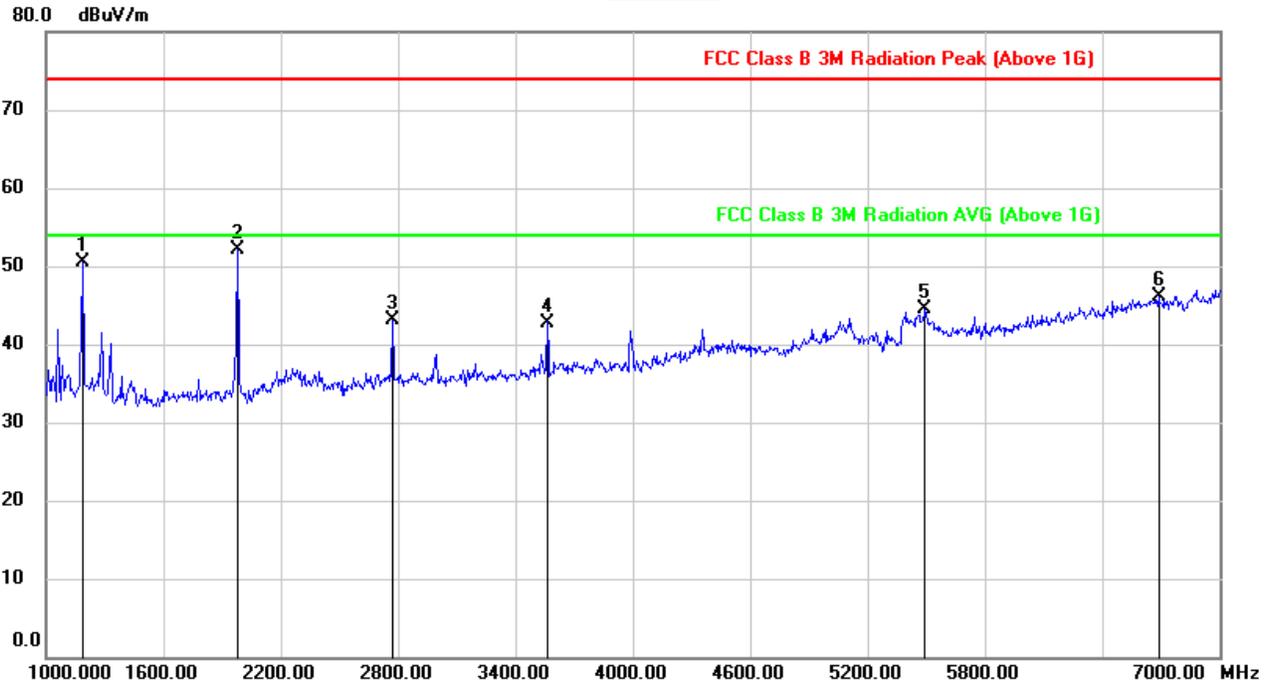
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10564.000	35.39	11.90	47.29	74.00	-26.71	peak
2	11708.000	33.98	14.68	48.66	74.00	-25.34	peak
3	12984.000	38.78	16.78	55.56	74.00	-18.44	peak
4	13996.000	32.20	18.58	50.78	74.00	-23.22	peak
5	17274.000	29.10	20.95	50.05	74.00	-23.95	peak
6	17791.000	28.01	24.52	52.53	74.00	-21.47	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

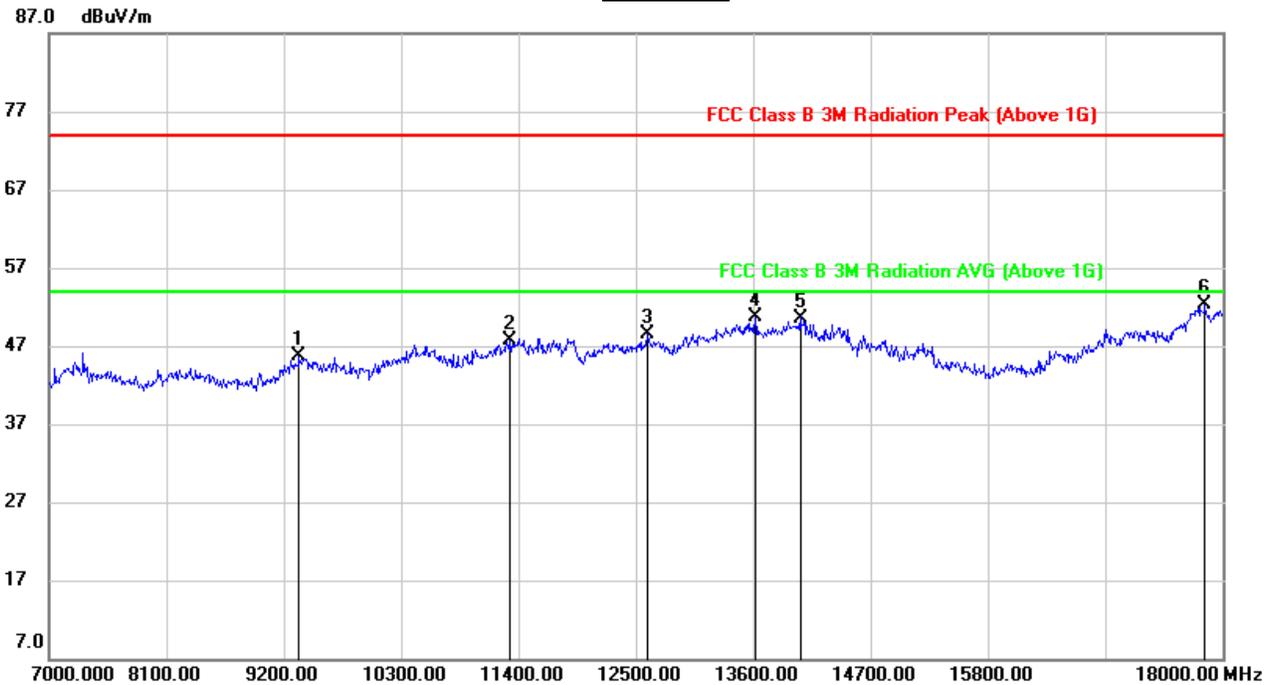


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.92	-13.50	50.42	74.00	-23.58	peak
2	1978.000	63.38	-11.26	52.12	74.00	-21.88	peak
3	2770.000	51.02	-7.85	43.17	74.00	-30.83	peak
4	3562.000	48.54	-5.74	42.80	74.00	-31.20	peak
5	5494.000	43.42	0.99	44.41	74.00	-29.59	peak
6	6688.000	41.94	4.17	46.11	74.00	-27.89	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

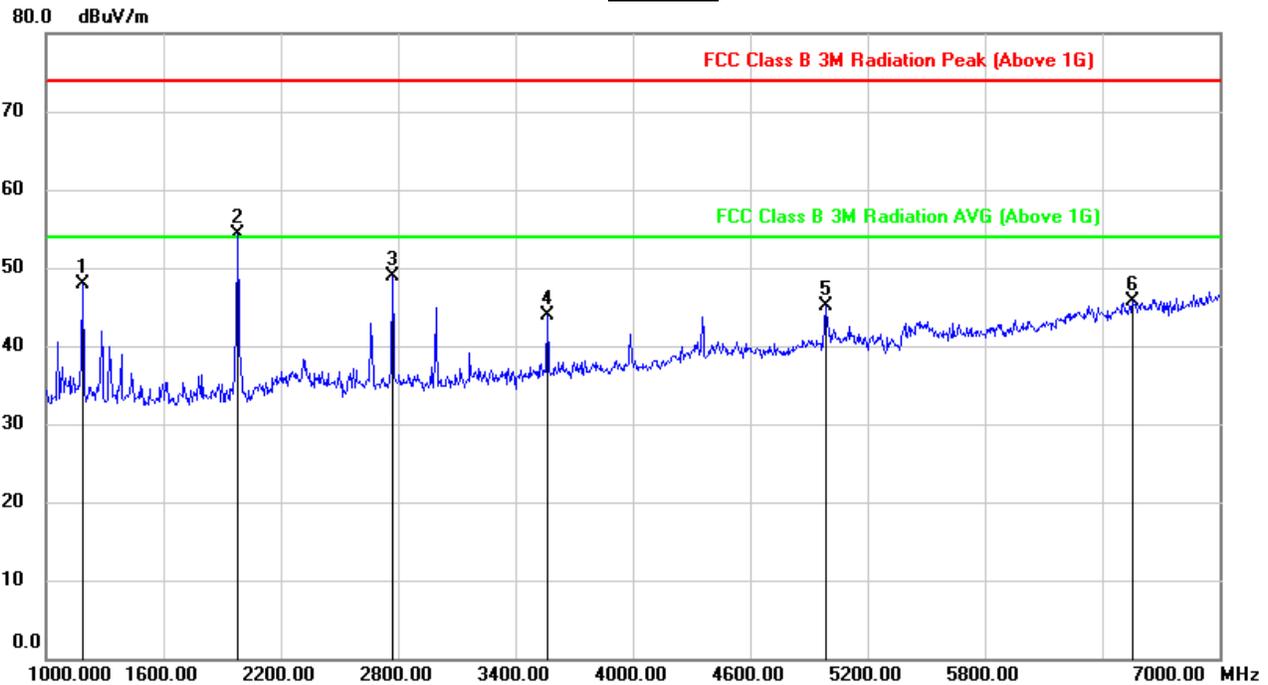


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	36.46	9.34	45.80	74.00	-28.20	peak
2	11323.000	34.27	13.43	47.70	74.00	-26.30	peak
3	12610.000	33.24	15.21	48.45	74.00	-25.55	peak
4	13622.000	32.14	18.47	50.61	74.00	-23.39	peak
5	14040.000	32.12	18.48	50.60	74.00	-23.40	peak
6	17835.000	28.08	24.25	52.33	74.00	-21.67	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

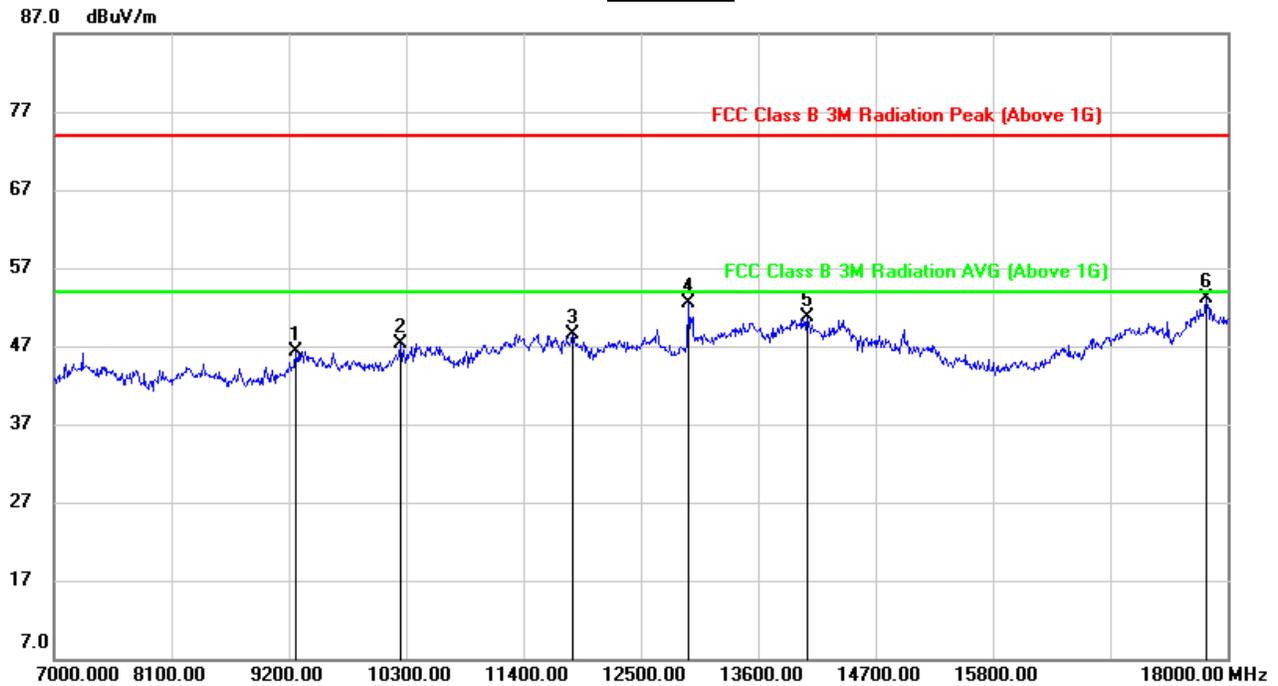


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	61.57	-13.62	47.95	74.00	-26.05	peak
2	1978.000	65.67	-11.31	54.36	74.00	-19.64	peak
3	2770.000	56.80	-7.91	48.89	74.00	-25.11	peak
4	3562.000	49.61	-5.71	43.90	74.00	-30.10	peak
5	4984.000	45.94	-0.78	45.16	74.00	-28.84	peak
6	6556.000	41.70	3.95	45.65	74.00	-28.35	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



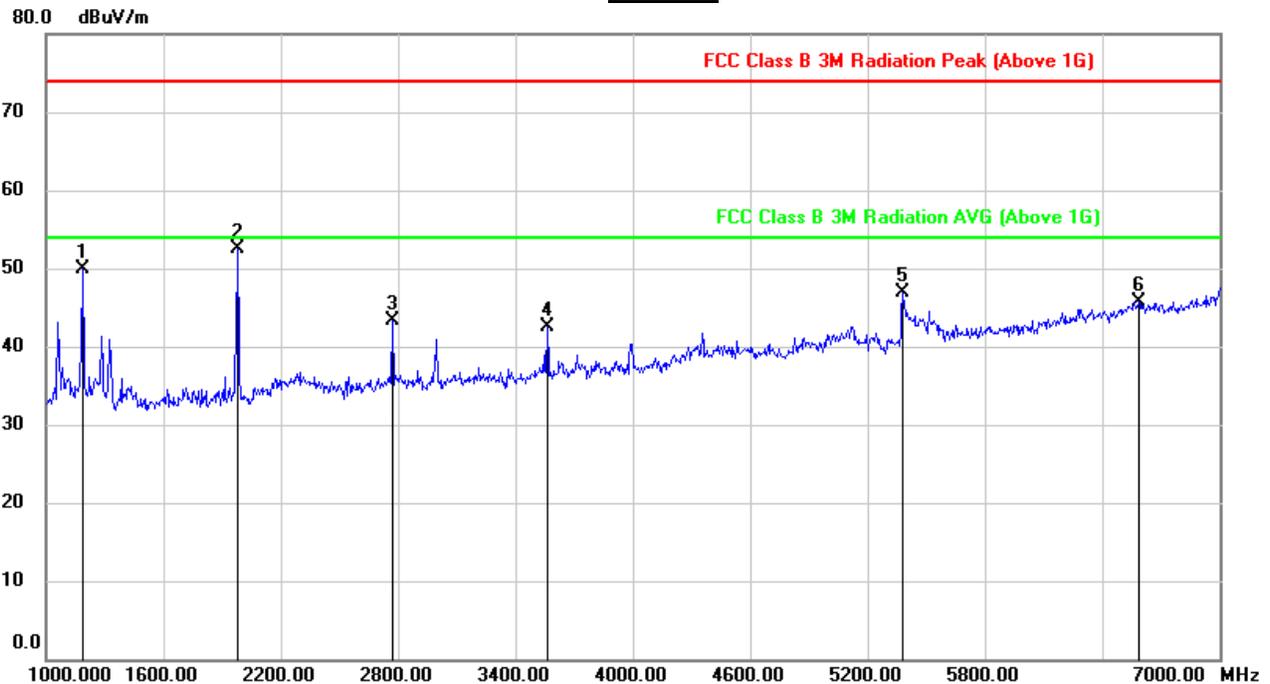
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9266.000	37.27	9.01	46.28	74.00	-27.72	peak
2	10245.000	36.35	11.01	47.36	74.00	-26.64	peak
3	11862.000	33.78	14.73	48.51	74.00	-25.49	peak
4	12951.000	35.98	16.61	52.59	74.00	-21.41	peak
5	14062.000	32.31	18.40	50.71	74.00	-23.29	peak
6	17802.000	28.52	24.61	53.13	74.00	-20.87	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.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

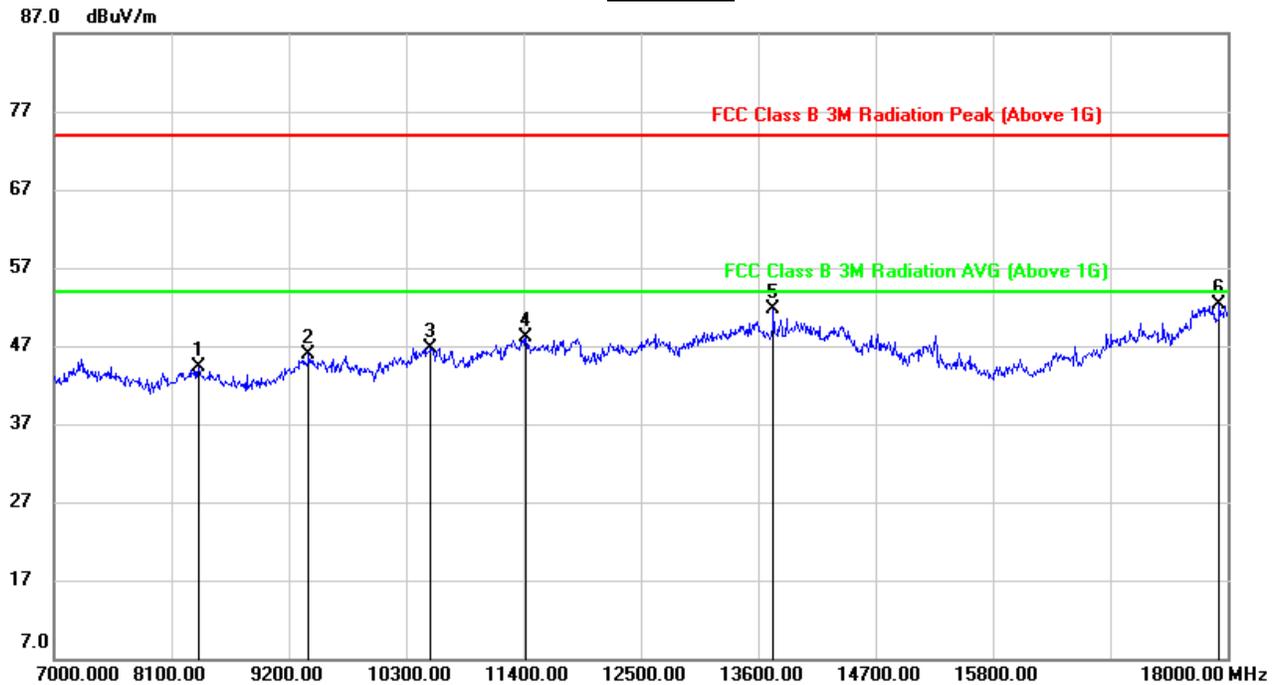


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.45	-13.50	49.95	74.00	-24.05	peak
2	1978.000	63.68	-11.26	52.42	74.00	-21.58	peak
3	2770.000	51.06	-7.85	43.21	74.00	-30.79	peak
4	3562.000	48.16	-5.74	42.42	74.00	-31.58	peak
5	5380.000	46.68	0.14	46.82	74.00	-27.18	peak
6	6586.000	41.64	4.15	45.79	74.00	-28.21	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

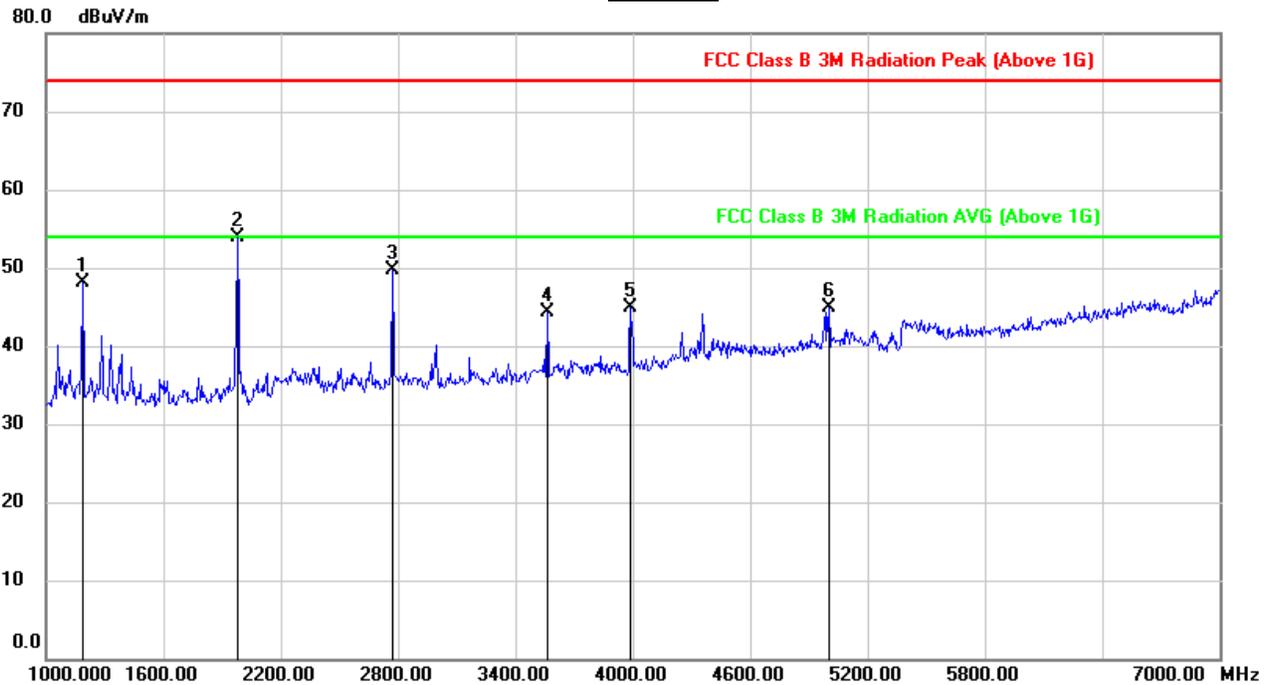


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8353.000	37.55	6.81	44.36	74.00	-29.64	peak
2	9387.000	36.37	9.51	45.88	74.00	-28.12	peak
3	10531.000	34.81	11.95	46.76	74.00	-27.24	peak
4	11422.000	34.37	13.79	48.16	74.00	-25.84	peak
5	13743.000	33.08	18.70	51.78	74.00	-22.22	peak
6	17923.000	27.94	24.36	52.30	74.00	-21.70	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

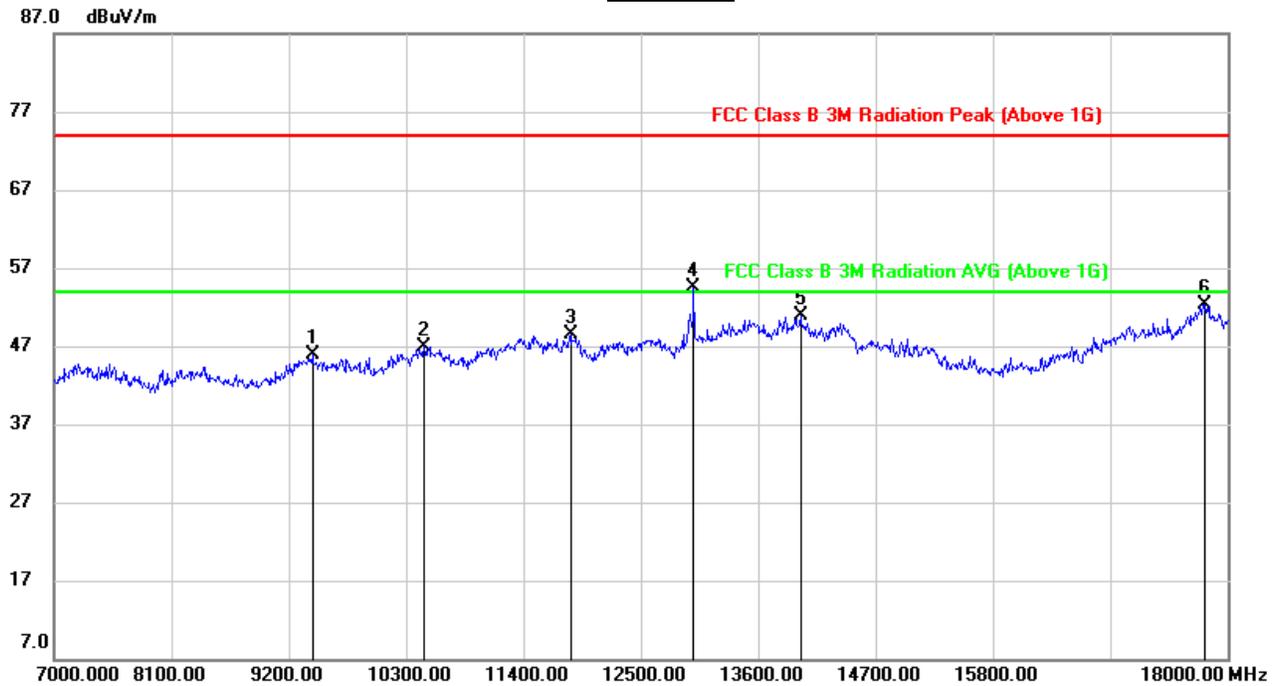


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	61.79	-13.62	48.17	74.00	-25.83	peak
2	1978.000	65.13	-11.31	53.82	74.00	-20.18	peak
3	2770.000	57.56	-7.91	49.65	74.00	-24.35	peak
4	3562.000	49.92	-5.71	44.21	74.00	-29.79	peak
5	3988.000	49.37	-4.54	44.83	74.00	-29.17	peak
6	5002.000	45.75	-0.78	44.97	74.00	-29.03	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9420.000	36.27	9.60	45.87	74.00	-28.13	peak
2	10465.000	35.16	11.84	47.00	74.00	-27.00	peak
3	11840.000	33.89	14.70	48.59	74.00	-25.41	peak
4	12995.000	37.75	16.83	54.58	74.00	-19.42	peak
5	13996.000	32.31	18.58	50.89	74.00	-23.11	peak
6	17791.000	27.74	24.52	52.26	74.00	-21.74	peak

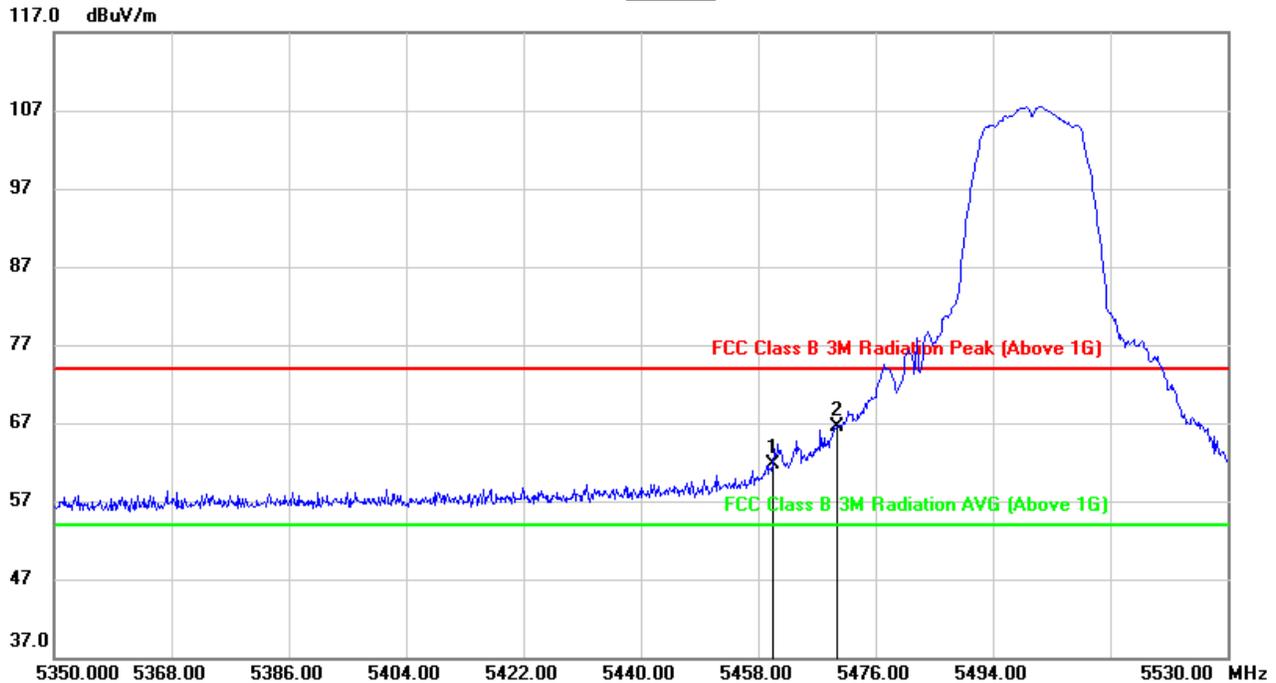
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7.1.3. UNII-2C BAND

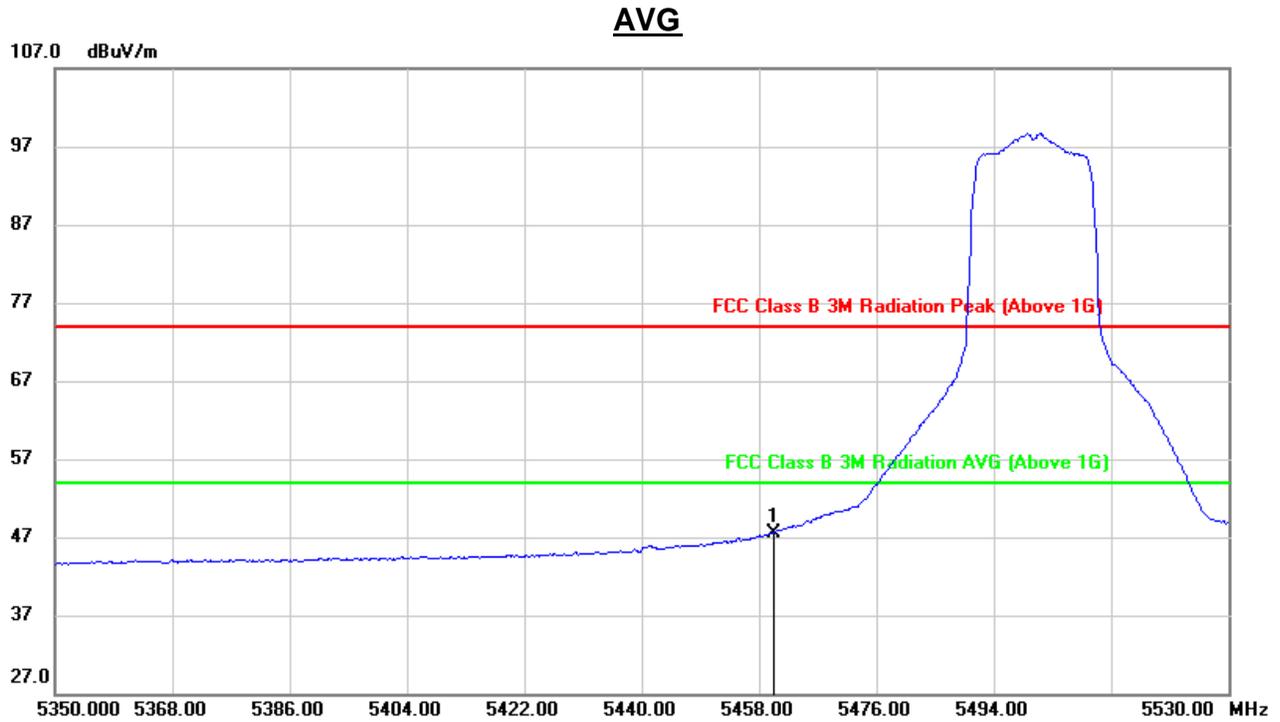
RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	20.38	41.26	61.64	74.00	-12.36	peak
2*	5470.000	25.16	41.33	66.49	68.20	-1.71	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. *indicates frequency out of the restricted bands
 5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

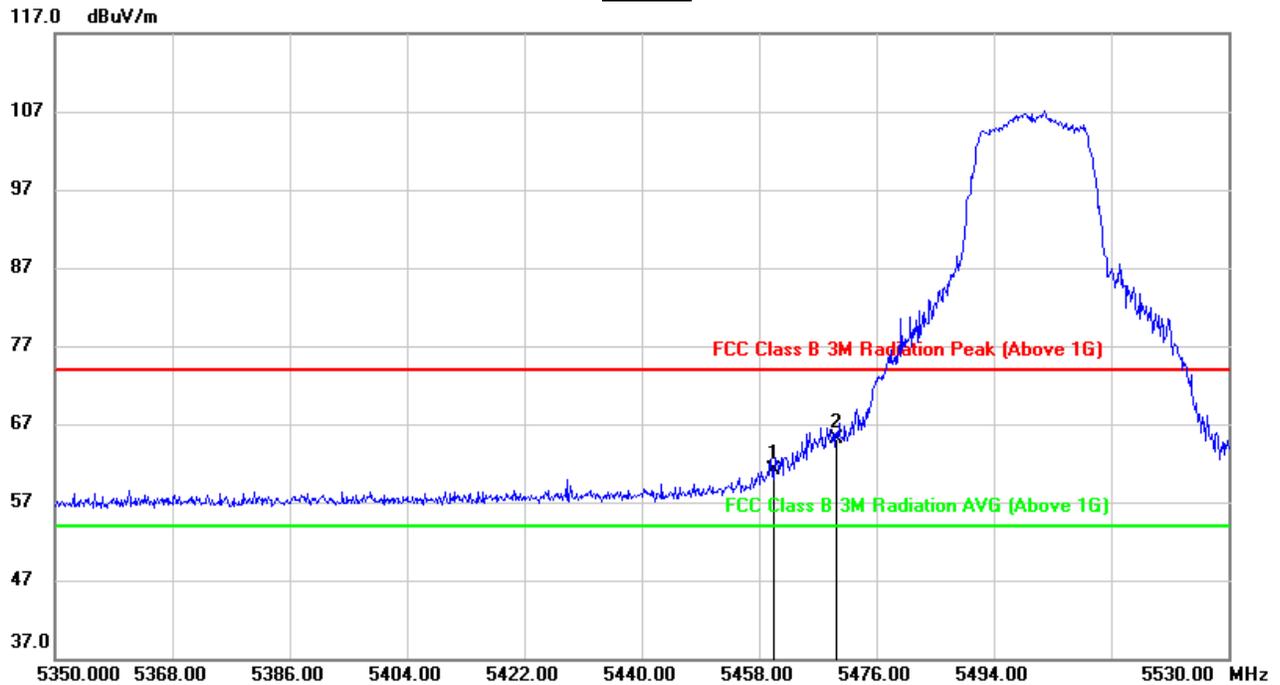


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	6.31	41.26	47.57	54.00	-6.43	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: t_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

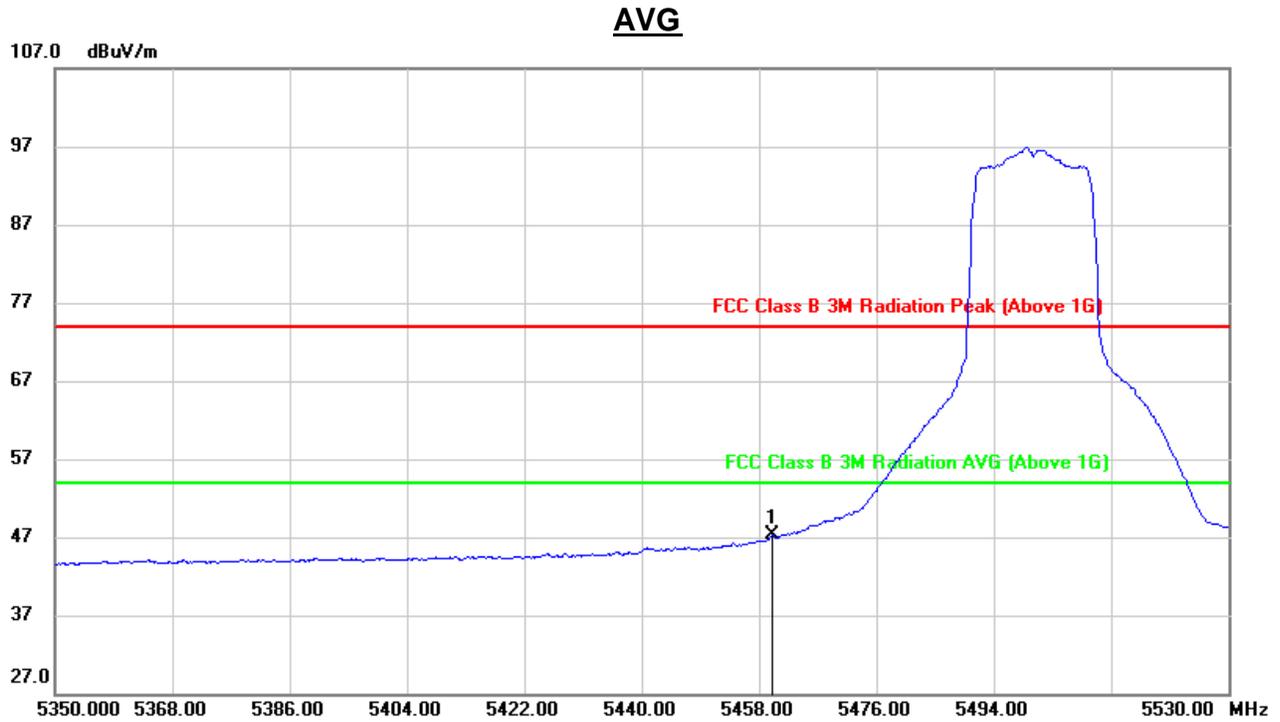


VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	19.81	41.26	61.07	74.00	-12.93	peak
2*	5470.000	23.79	41.33	65.12	68.20	-3.08	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.*indicates frequency out of the restricted bands
 5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



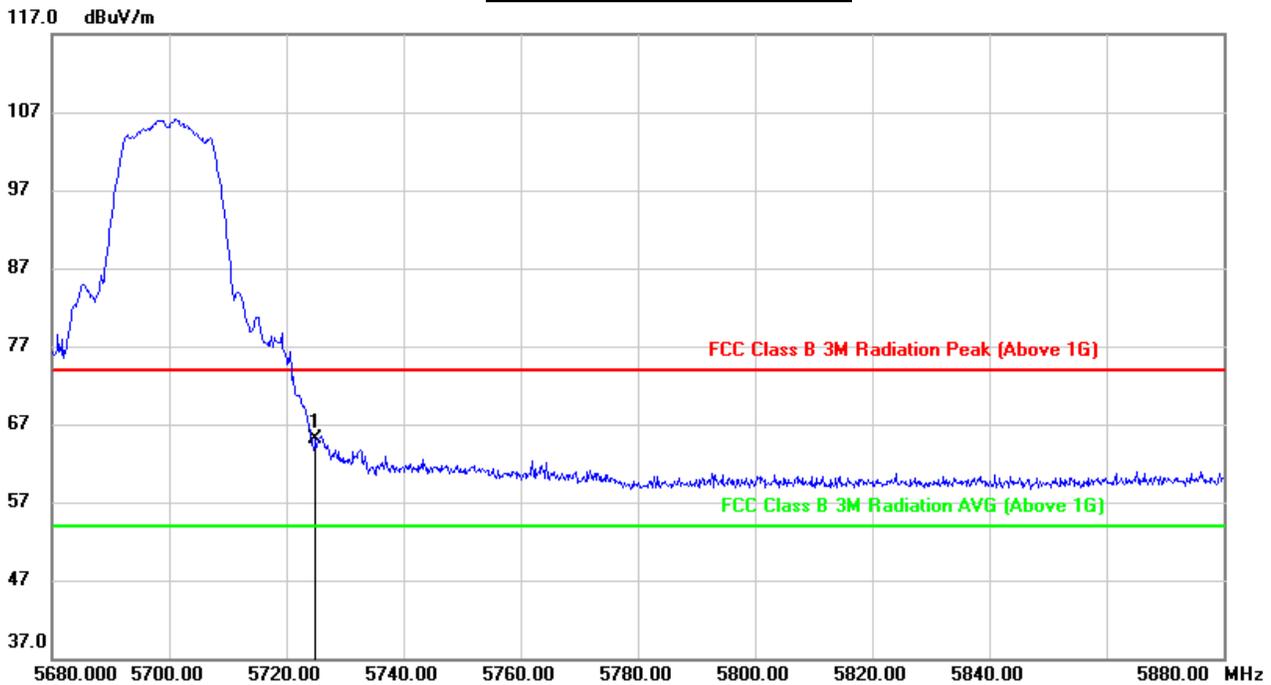
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	6.02	41.26	47.28	54.00	-6.72	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: T_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.



RESTRICTED BANDEGE HIGH CHANNEL

HORIZONTAL RESULTS

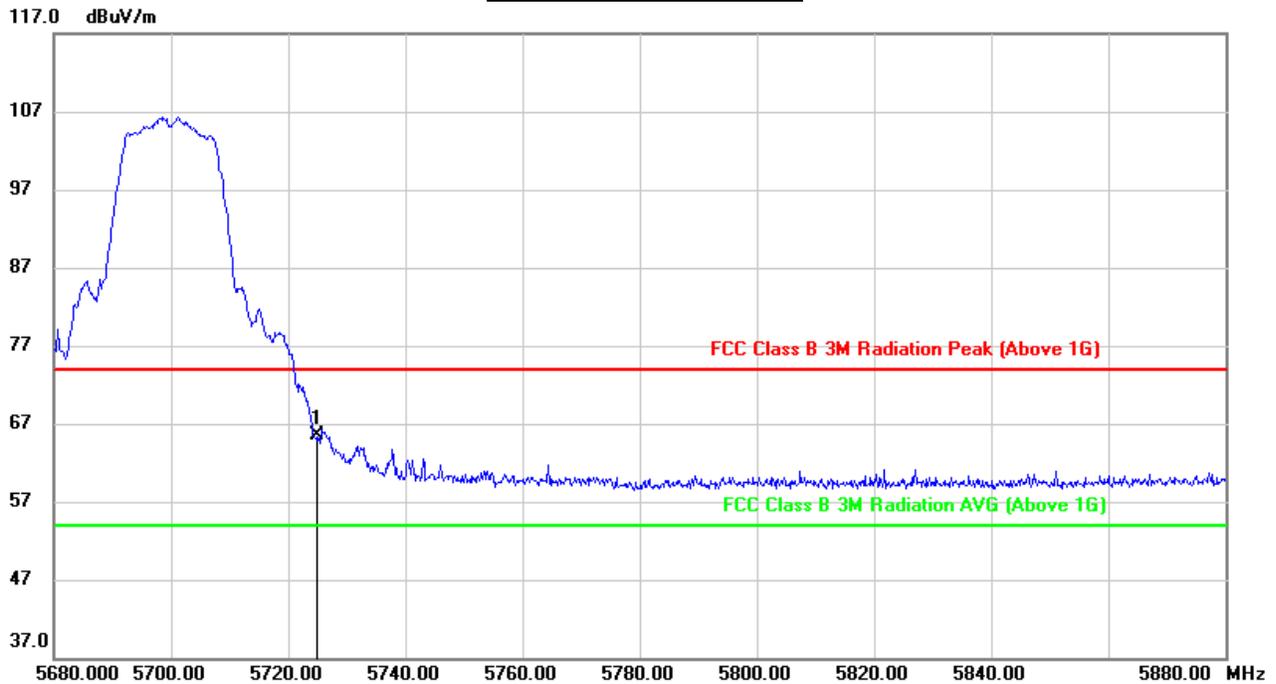


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5725.000	23.69	41.39	65.08	68.2	-3.12	peak

- 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.*indicates frequency out of the restricted bands.
 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



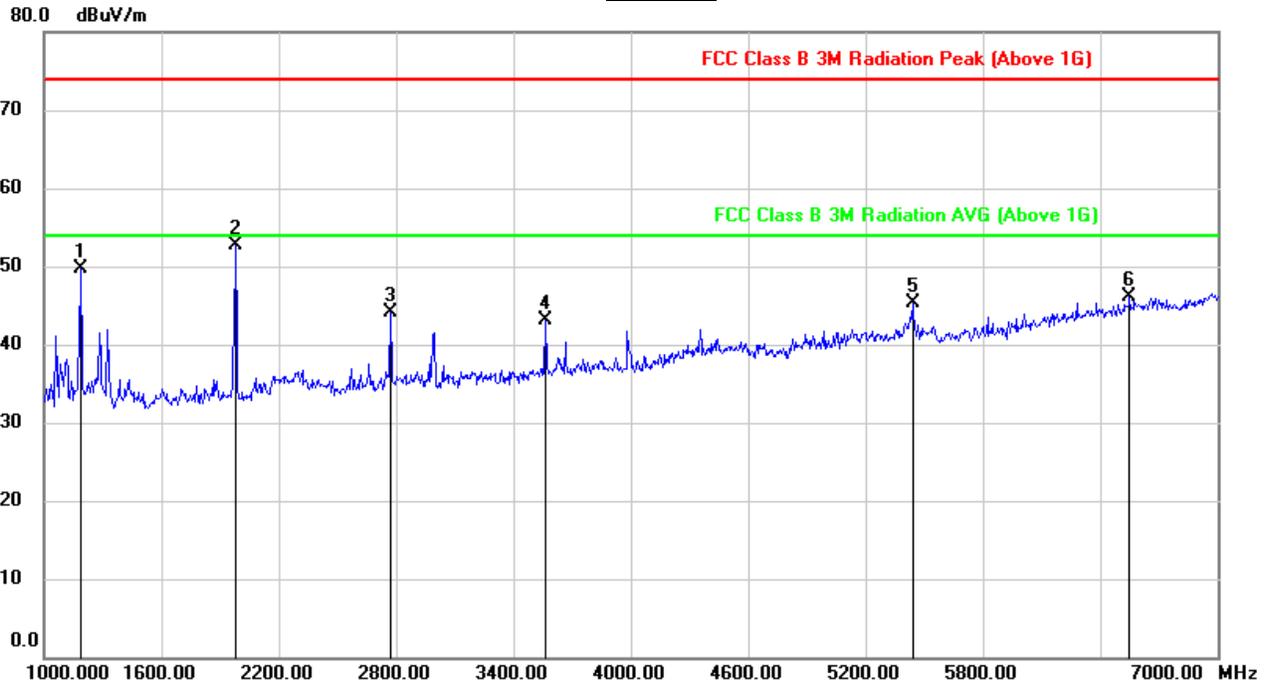
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1*	5725.000	23.91	41.49	65.40	68.2	-2.8	peak

- 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.*indicates frequency out of the restricted bands
 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
1-7GHz**

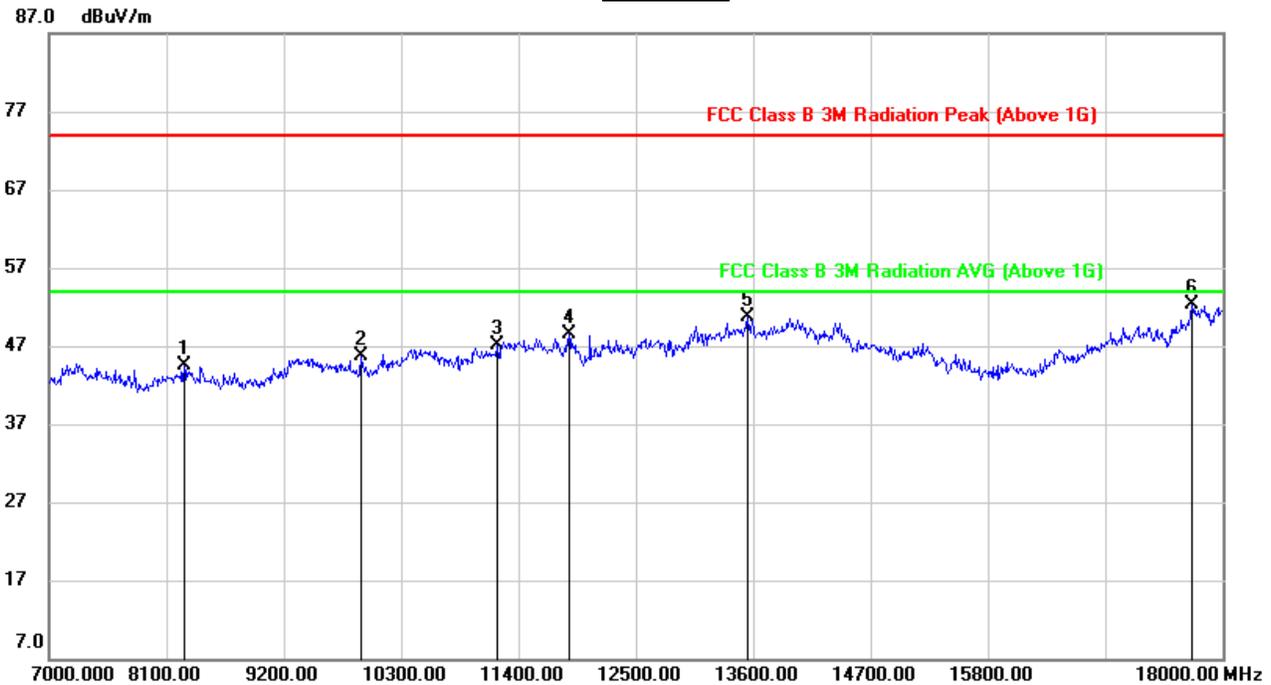


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.20	-13.50	49.70	74.00	-24.30	peak
2	1978.000	64.03	-11.26	52.77	74.00	-21.23	peak
3	2770.000	51.91	-7.85	44.06	74.00	-29.94	peak
4	3562.000	48.86	-5.74	43.12	74.00	-30.88	peak
5	5440.000	44.61	0.61	45.22	74.00	-28.78	peak
6	6550.000	42.17	3.89	46.06	74.00	-27.94	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

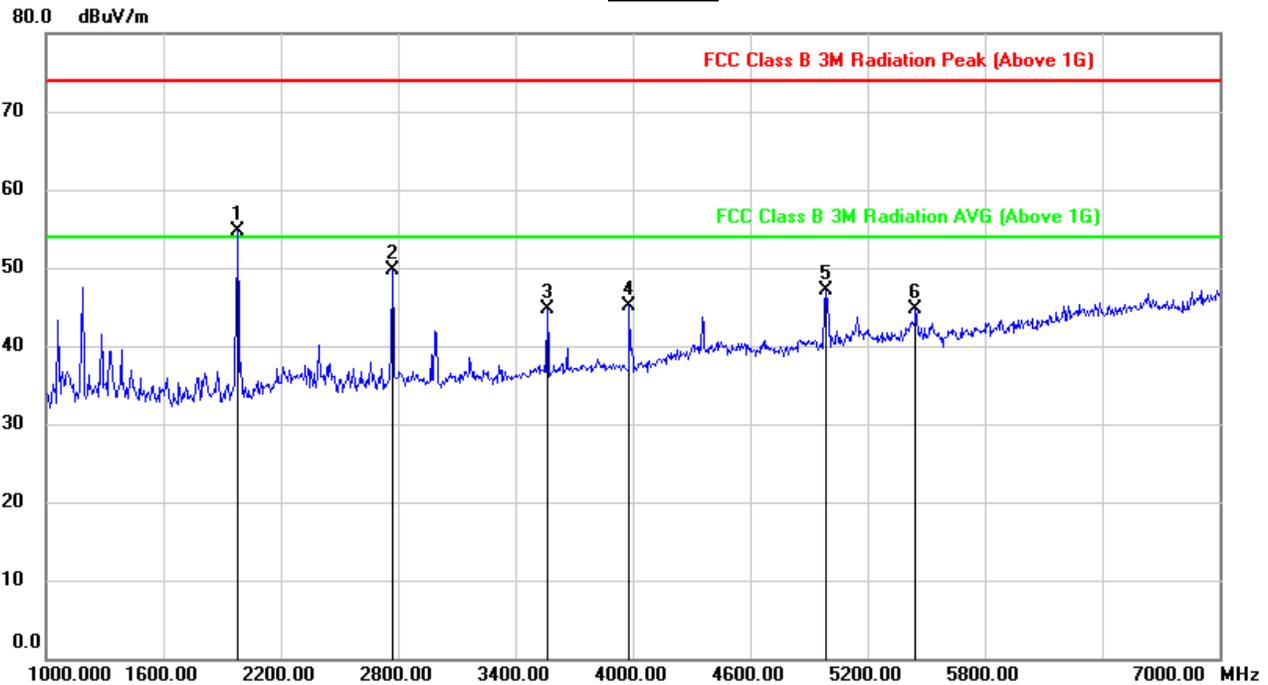


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8265.000	37.50	6.91	44.41	74.00	-29.59	peak
2	9926.000	35.46	10.26	45.72	74.00	-28.28	peak
3	11202.000	34.26	12.87	47.13	74.00	-26.87	peak
4	11873.000	33.87	14.69	48.56	74.00	-25.44	peak
5	13545.000	32.36	18.27	50.63	74.00	-23.37	peak
6	17714.000	28.91	23.46	52.37	74.00	-21.63	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

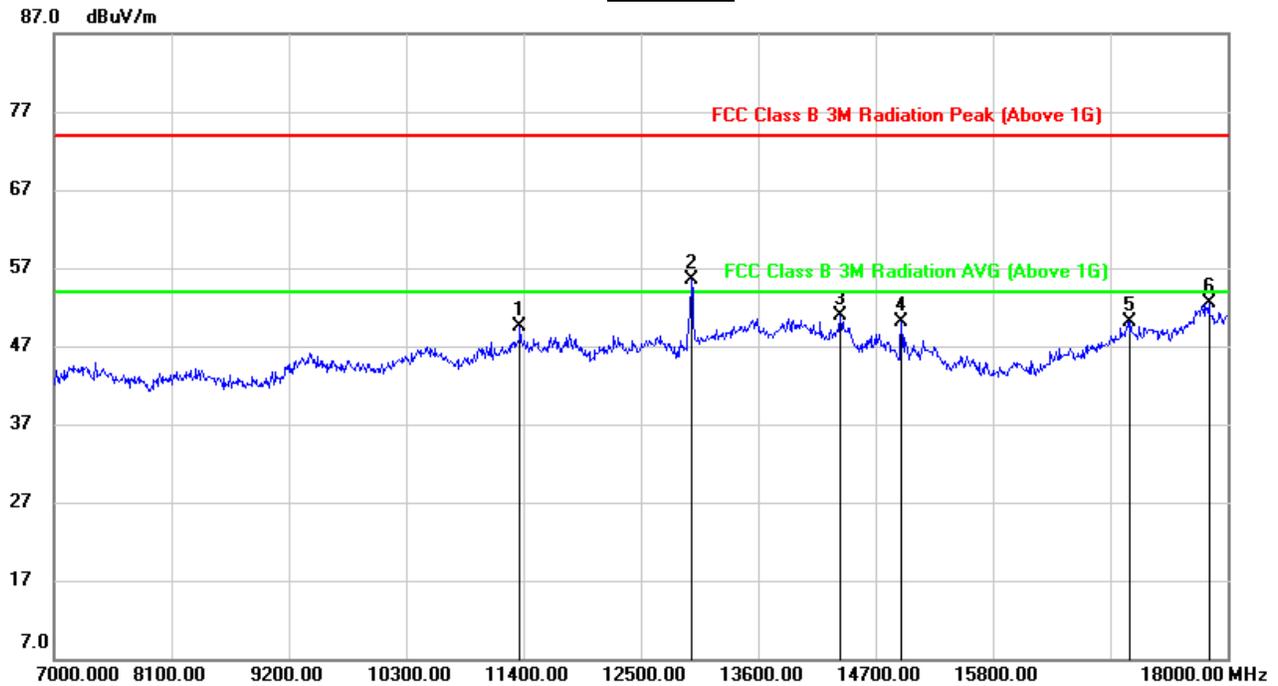


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	66.09	-11.31	54.78	74.00	-19.22	peak
2	2770.000	57.53	-7.91	49.62	74.00	-24.38	peak
3	3562.000	50.45	-5.71	44.74	74.00	-29.26	peak
4	3982.000	49.56	-4.54	45.02	74.00	-28.98	peak
5	4984.000	47.93	-0.78	47.15	74.00	-26.85	peak
6	5446.000	44.14	0.64	44.78	74.00	-29.22	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



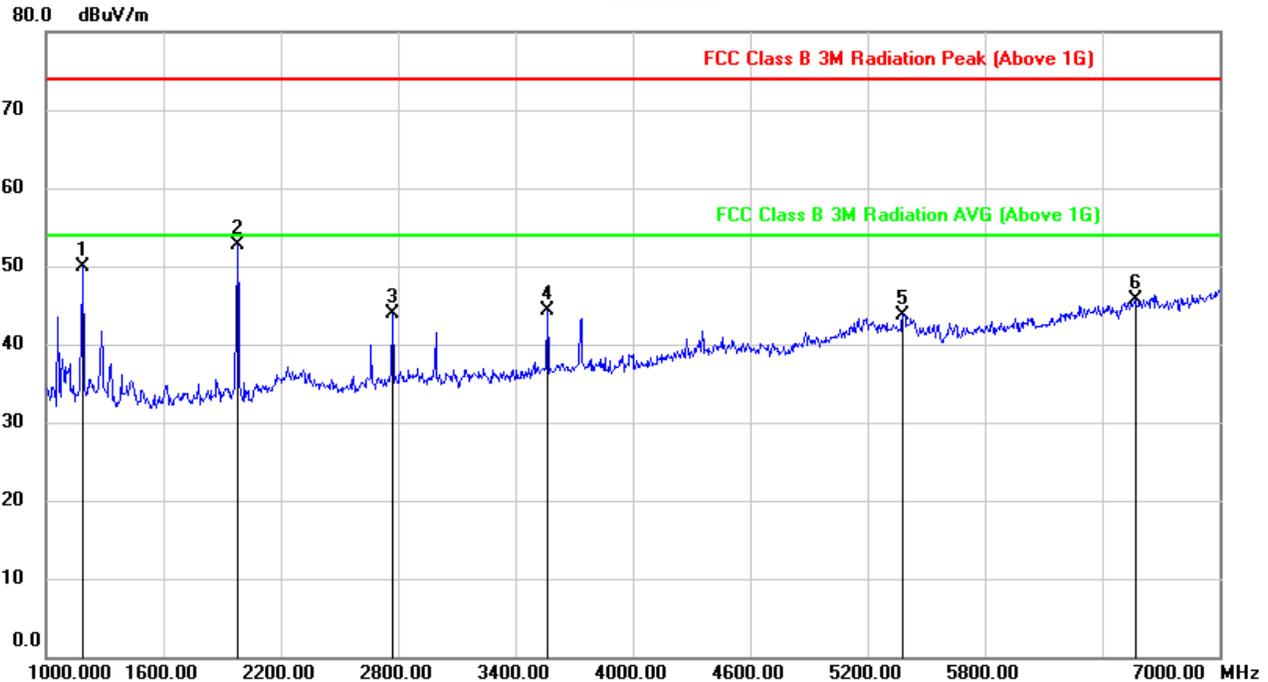
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	35.78	13.64	49.42	74.00	-24.58	peak
2	12973.000	38.83	16.72	55.55	74.00	-18.45	peak
3	14370.000	32.55	18.27	50.82	74.00	-23.18	peak
4	14942.000	33.85	16.16	50.01	74.00	-23.99	peak
5	17087.000	29.41	20.60	50.01	74.00	-23.99	peak
6	17824.000	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

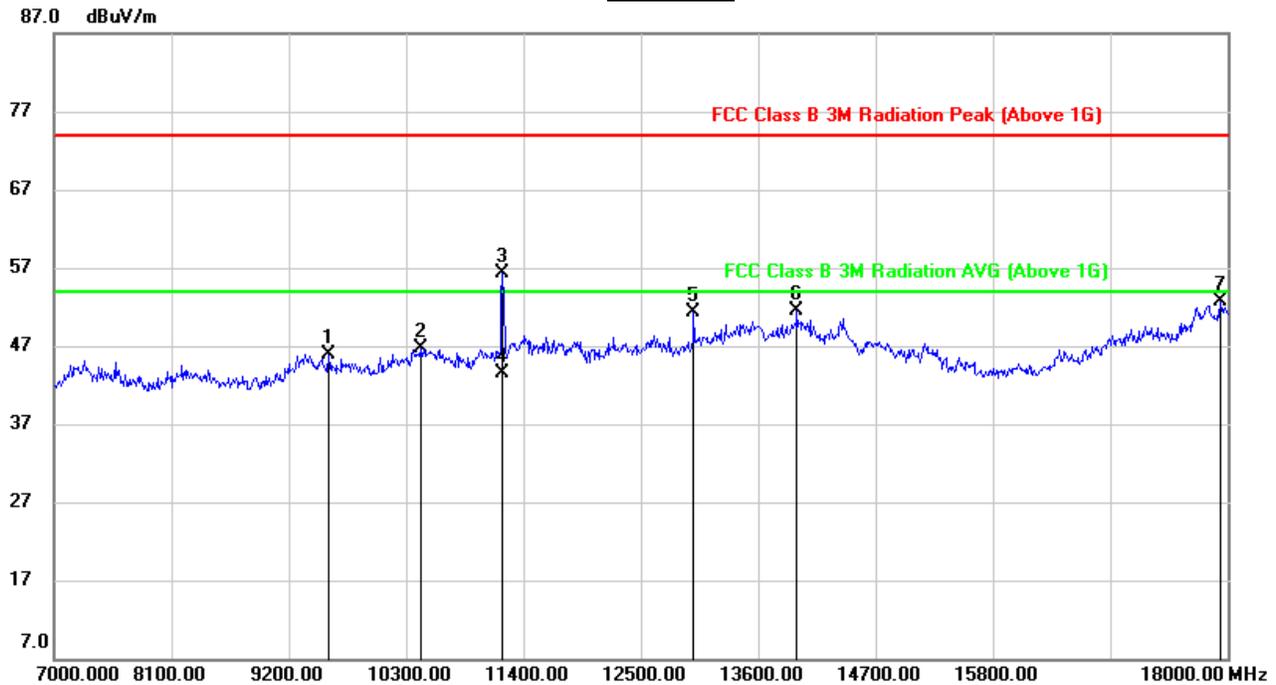


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.31	-13.50	49.81	74.00	-24.19	peak
2	1978.000	63.90	-11.26	52.64	74.00	-21.36	peak
3	2770.000	51.81	-7.85	43.96	74.00	-30.04	peak
4	3562.000	49.95	-5.74	44.21	74.00	-29.79	peak
5	5380.000	43.62	0.14	43.76	74.00	-30.24	peak
6	6568.000	41.77	4.01	45.78	74.00	-28.22	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

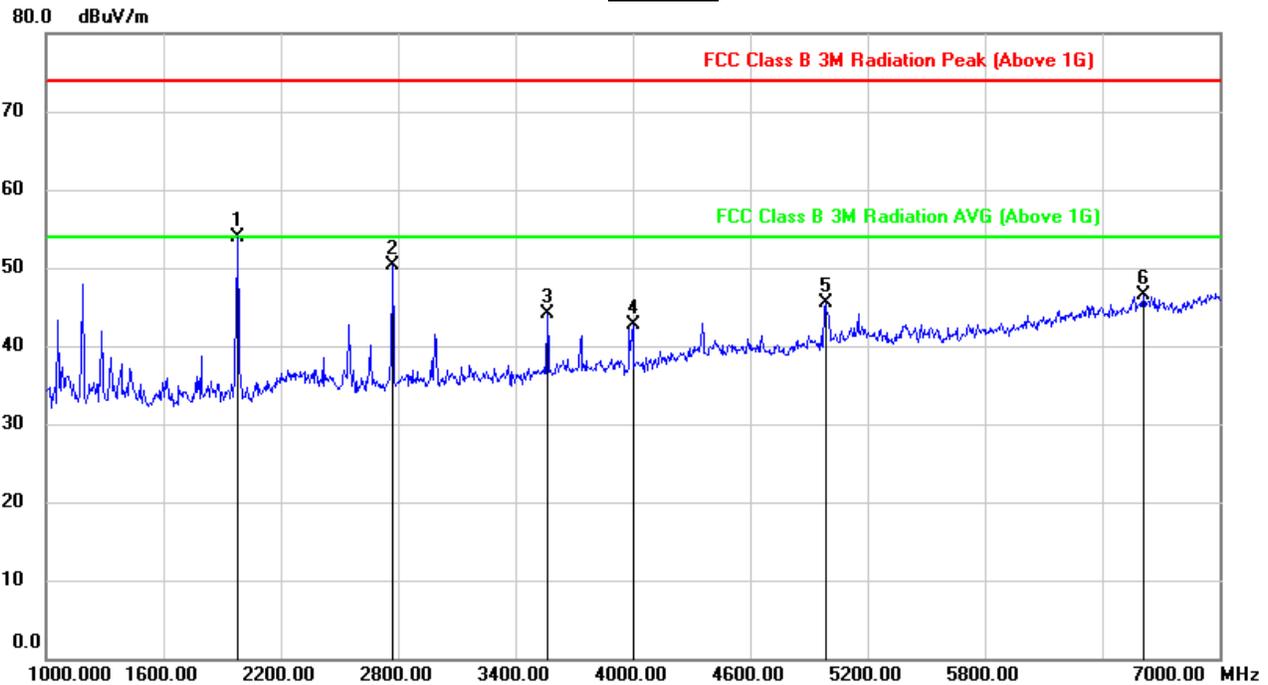


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9574.000	36.28	9.60	45.88	74.00	-28.12	peak
2	10432.000	35.17	11.57	46.74	74.00	-27.26	peak
3	11201.780	43.52	12.87	56.39	74.00	-17.61	peak
4	11201.780	30.69	12.87	43.56	54.00	-10.44	AVG
5	12995.000	34.59	16.66	51.25	74.00	-22.75	peak
6	13963.000	32.93	18.53	51.46	74.00	-22.54	peak
7	17934.000	28.17	24.54	52.71	74.00	-21.29	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. AVG: VBW=1/Ton where: ton is transmit duration.
 5. For duty cycle, please refer to clause 7.1.
 6. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 63), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

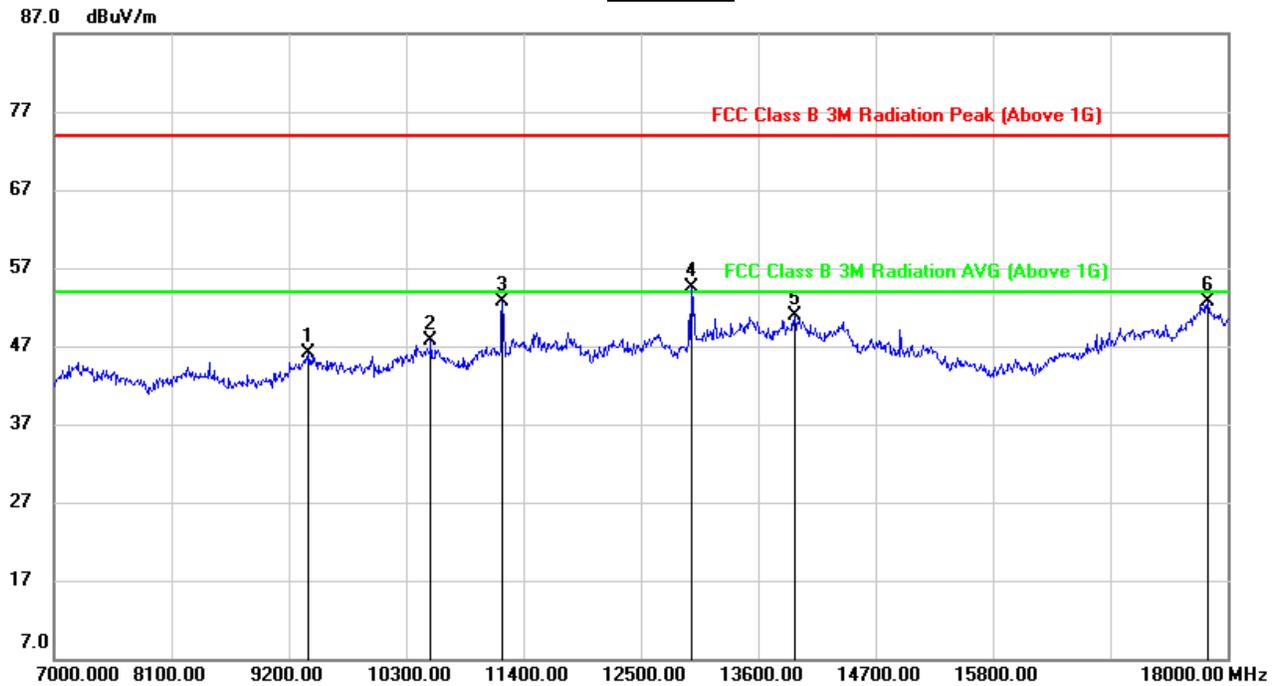


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	65.13	-11.31	53.82	74.00	-20.18	peak
2	2770.000	58.26	-7.91	50.35	74.00	-23.65	peak
3	3562.000	49.73	-5.71	44.02	74.00	-29.98	peak
4	4000.000	47.34	-4.54	42.80	74.00	-31.20	peak
5	4984.000	46.36	-0.78	45.58	74.00	-28.42	peak
6	6610.000	42.18	4.34	46.52	74.00	-27.48	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



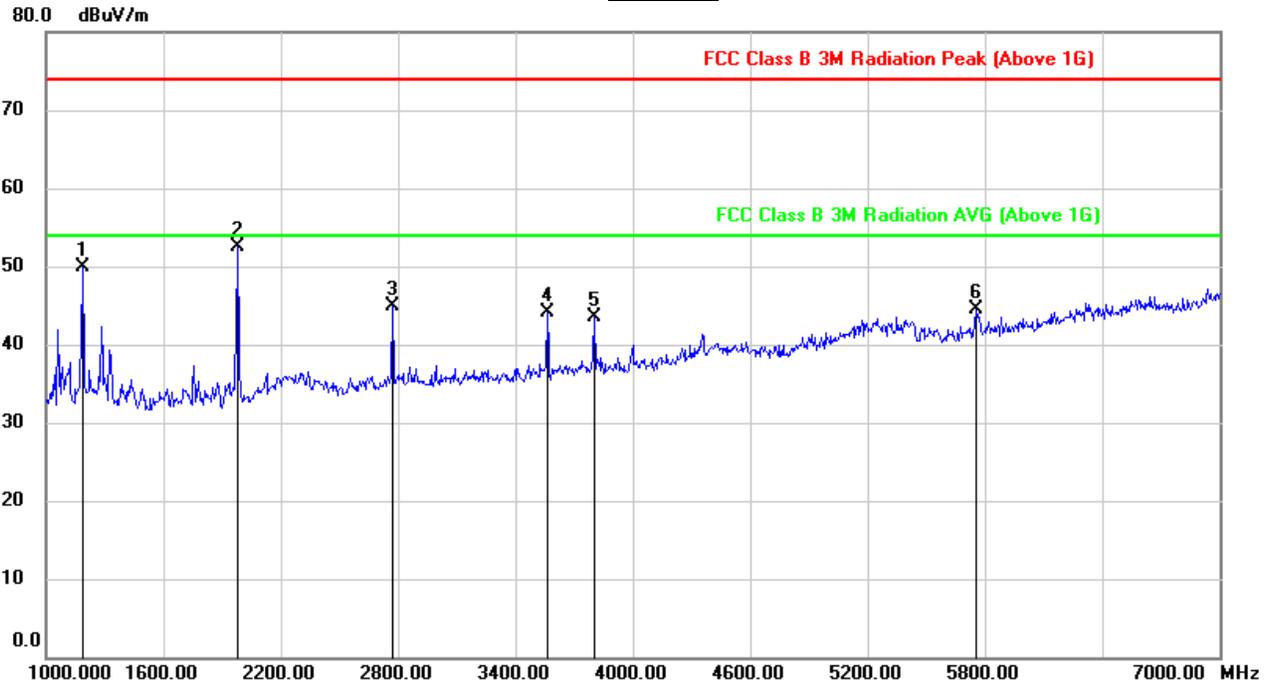
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9387.000	36.56	9.54	46.10	74.00	-27.90	peak
2	10531.000	35.83	11.93	47.76	74.00	-26.24	peak
3	11202.000	39.24	13.55	52.79	74.00	-21.21	peak
4	12973.000	37.82	16.72	54.54	74.00	-19.46	peak
5	13941.000	32.15	18.67	50.82	74.00	-23.18	peak
6	17813.000	28.25	24.44	52.69	74.00	-21.31	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

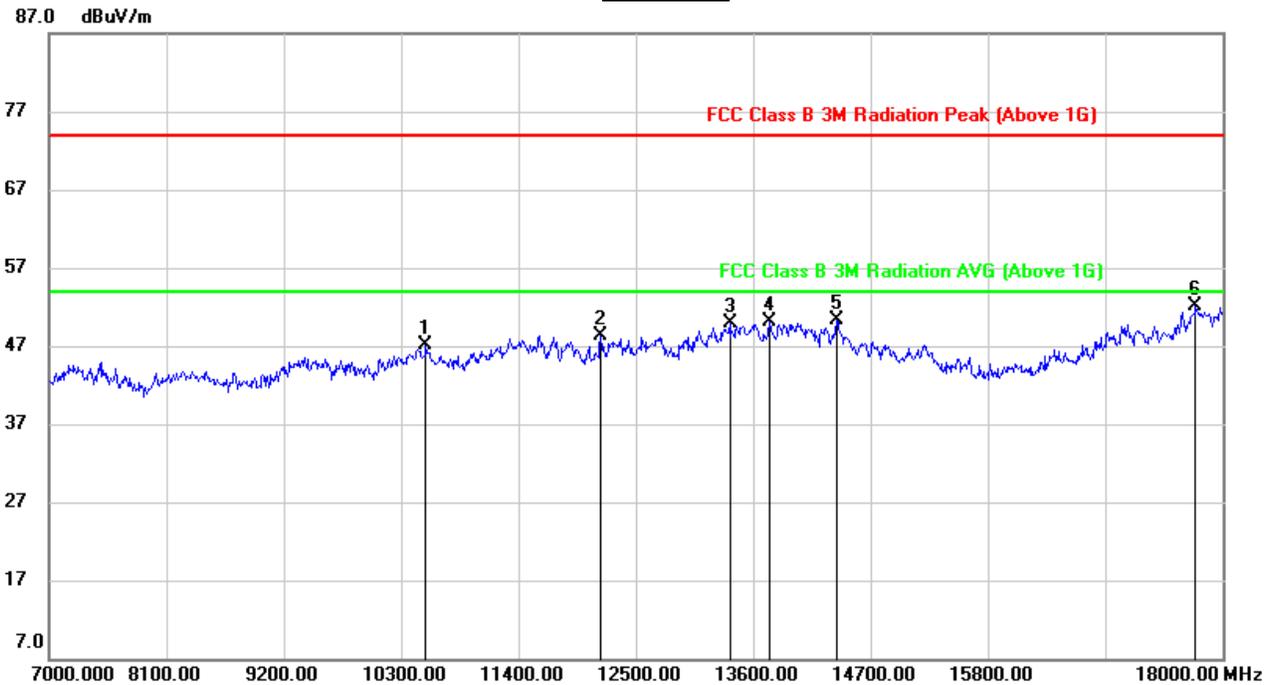


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.32	-13.50	49.82	74.00	-24.18	peak
2	1978.000	63.83	-11.26	52.57	74.00	-21.43	peak
3	2770.000	52.85	-7.85	45.00	74.00	-29.00	peak
4	3562.000	49.83	-5.74	44.09	74.00	-29.91	peak
5	3802.000	48.27	-4.86	43.41	74.00	-30.59	peak
6	5758.000	43.42	1.10	44.52	74.00	-29.48	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

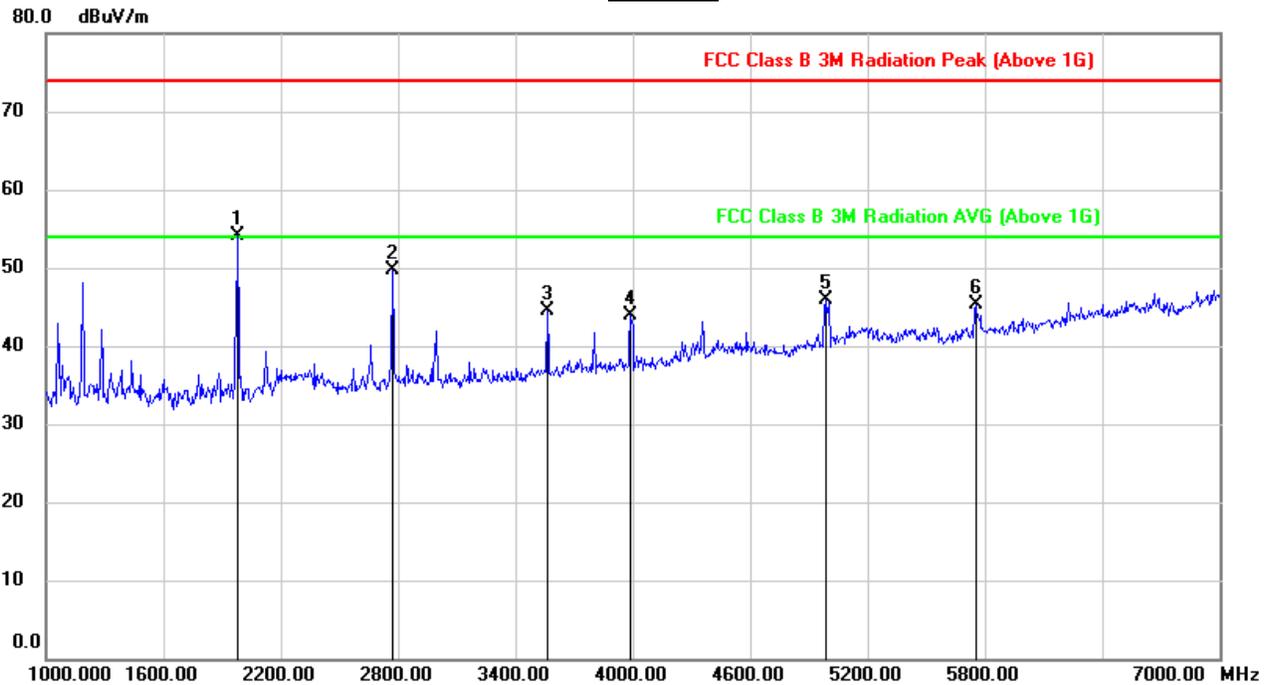


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10531.000	35.15	11.95	47.10	74.00	-26.90	peak
2	12170.000	34.24	14.14	48.38	74.00	-25.62	peak
3	13380.000	32.44	17.42	49.86	74.00	-24.14	peak
4	13754.000	31.31	18.71	50.02	74.00	-23.98	peak
5	14381.000	32.42	17.91	50.33	74.00	-23.67	peak
6	17747.000	28.46	23.57	52.03	74.00	-21.97	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

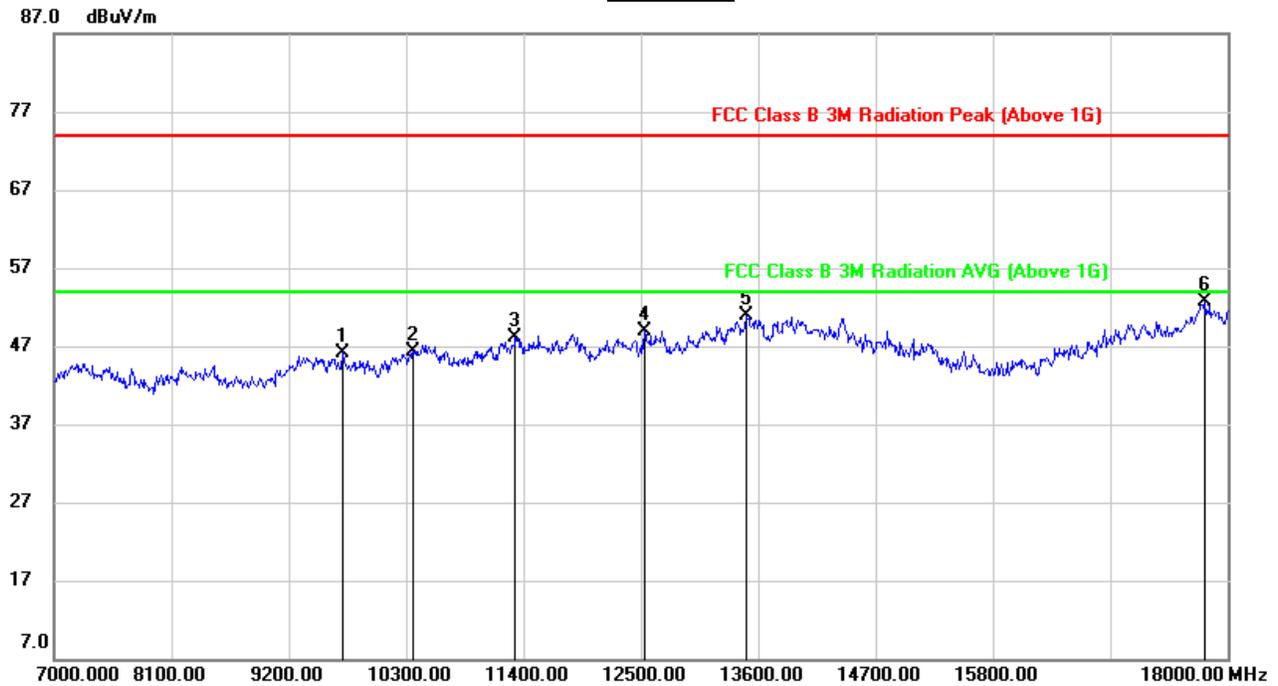


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	65.32	-11.31	54.01	74.00	-19.99	peak
2	2770.000	57.67	-7.91	49.76	74.00	-24.24	peak
3	3562.000	50.25	-5.71	44.54	74.00	-29.46	peak
4	3988.000	48.41	-4.54	43.87	74.00	-30.13	peak
5	4990.000	46.64	-0.78	45.86	74.00	-28.14	peak
6	5752.000	44.17	1.17	45.34	74.00	-28.66	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.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9706.000	36.29	9.91	46.20	74.00	-27.80	peak
2	10366.000	35.08	11.27	46.35	74.00	-27.65	peak
3	11323.000	34.61	13.43	48.04	74.00	-25.96	peak
4	12533.000	33.89	14.94	48.83	74.00	-25.17	peak
5	13490.000	32.42	18.45	50.87	74.00	-23.13	peak
6	17791.000	28.16	24.52	52.68	74.00	-21.32	peak

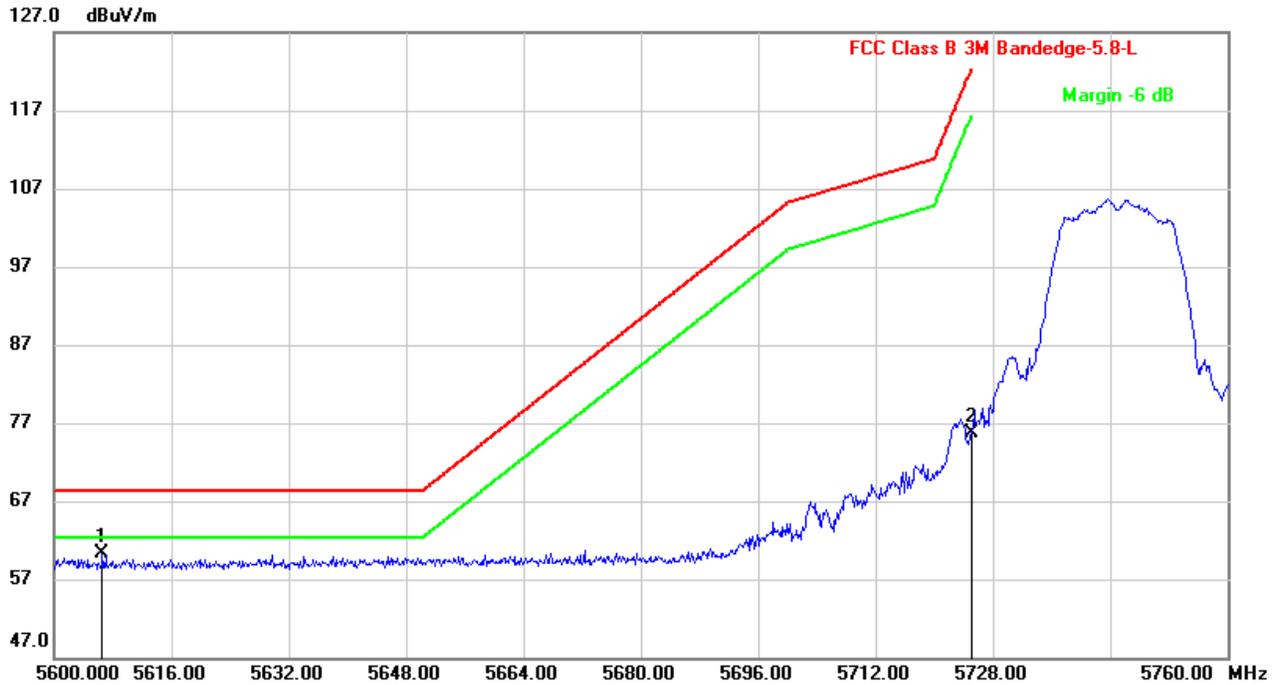
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7.1.4. UNII-3 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS



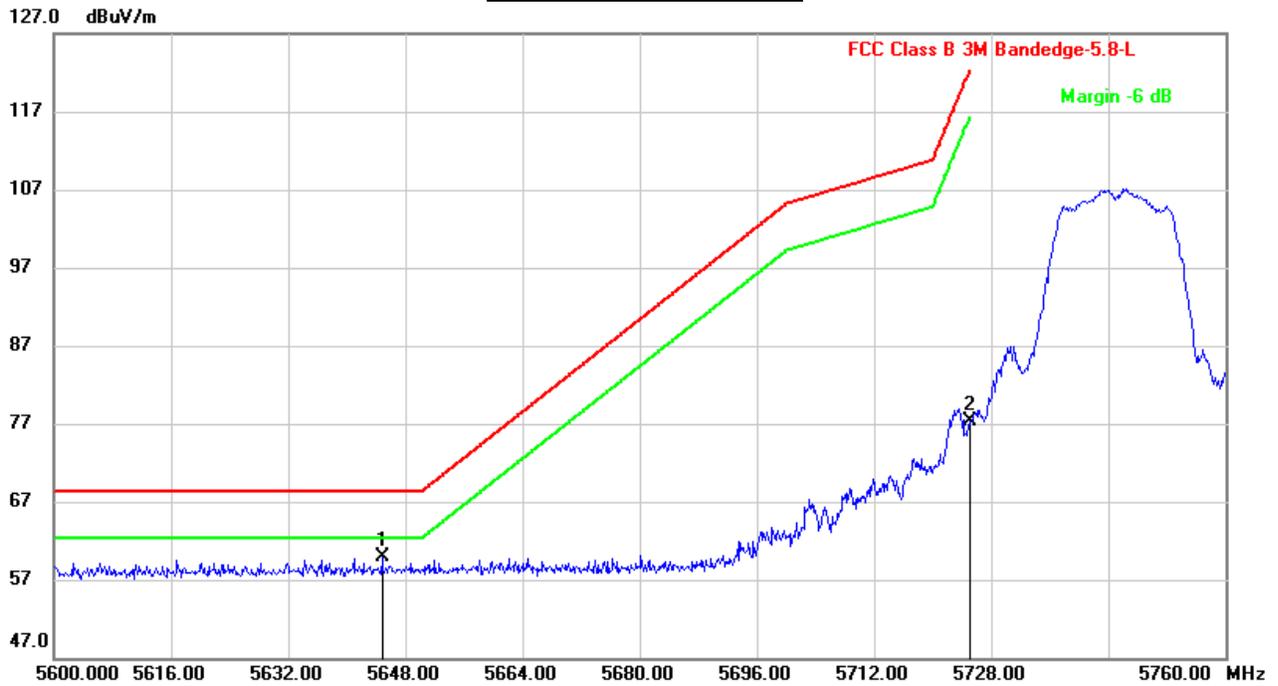
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5606.560	19.13	41.15	60.28	68.20	-7.92	peak
2	5725.000	34.23	41.39	75.62	122.20	-46.58	peak

Note: 1. Measurement = Reading Level + Correct Factor.

.



VERTICAL RESULTS



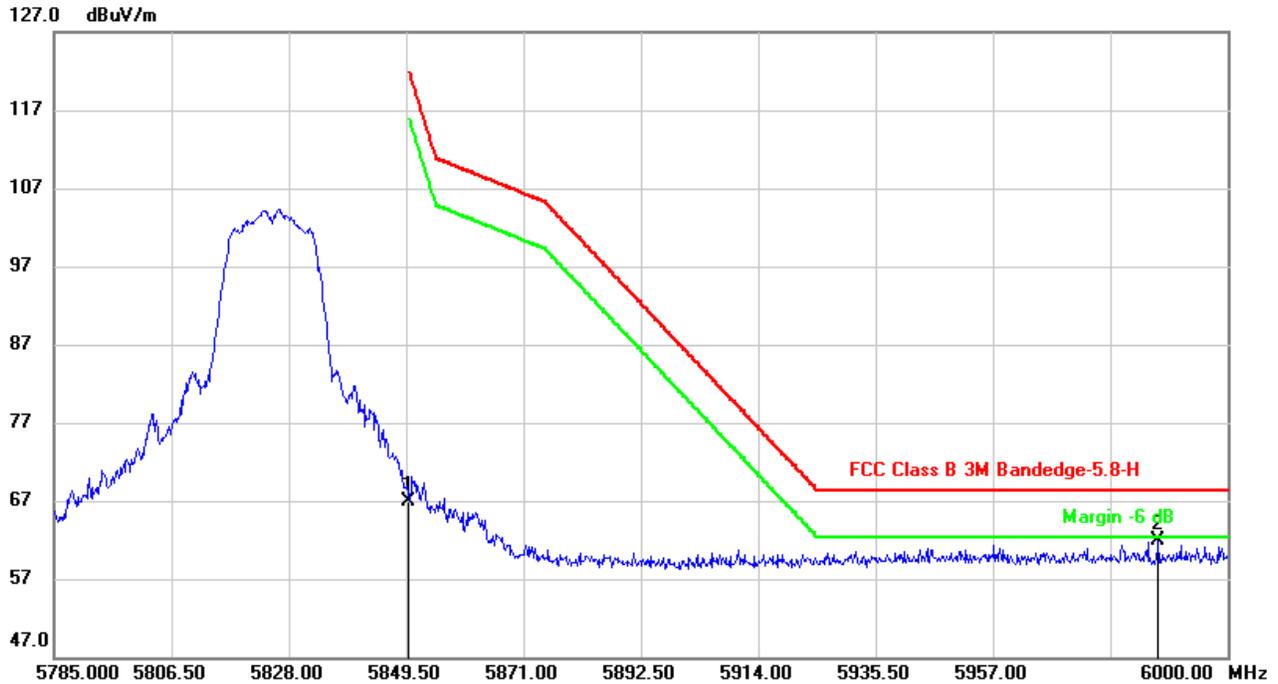
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5644.800	18.56	41.27	59.83	68.20	-8.37	peak
2	5725.000	35.81	41.49	77.30	122.20	-44.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.



RESTRICTED BANDEGE HIGH CHANNEL

HORIZONTAL RESULTS

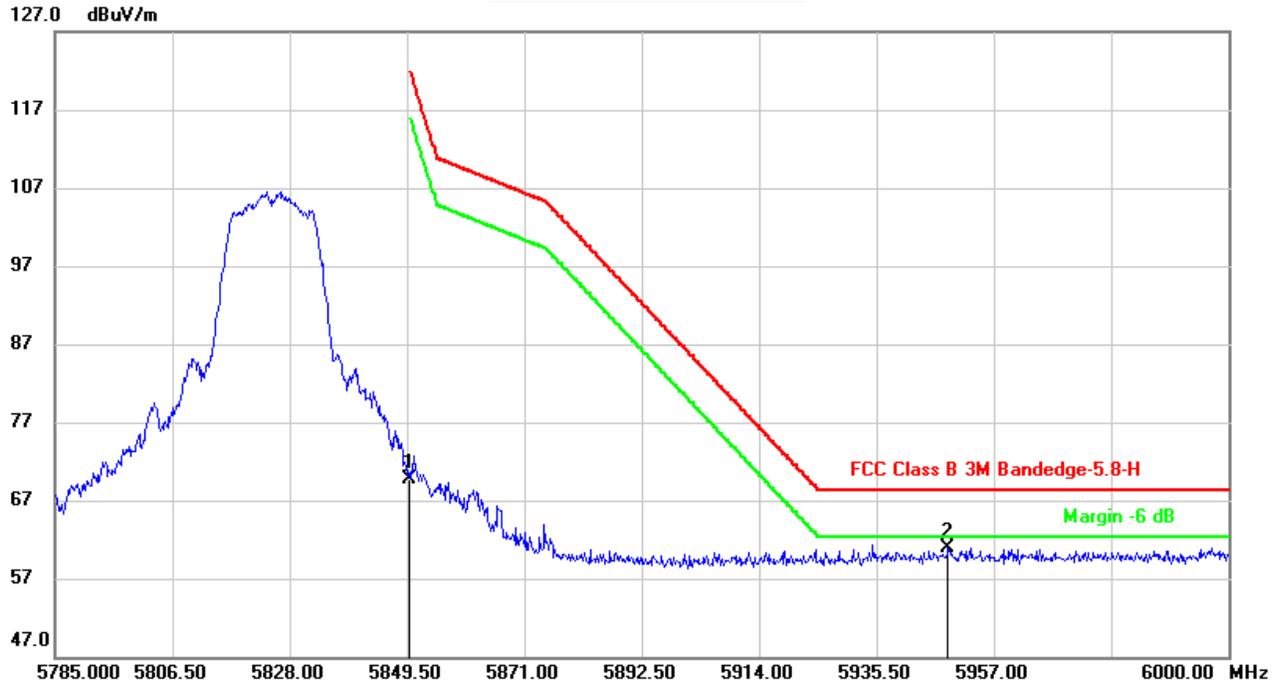


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	25.22	41.77	66.99	122.20	-55.21	peak
2	5987.315	19.74	42.21	61.95	68.20	-6.25	peak

Note: 1. Measurement = Reading Level + Correct Factor.



VERTICAL RESULTS



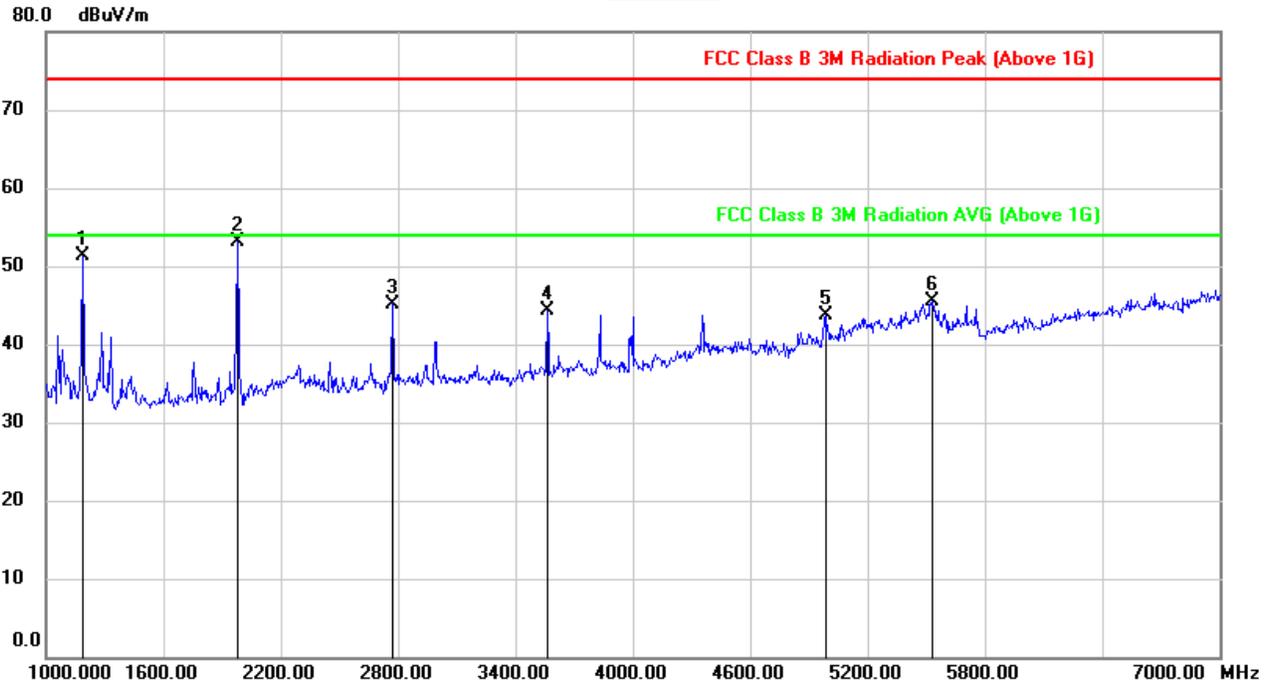
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	27.78	41.87	69.65	122.20	-52.55	peak
2	5948.615	18.90	42.10	61.00	68.20	-7.20	peak

Note: 1. Measurement = Reading Level + Correct Factor.



HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

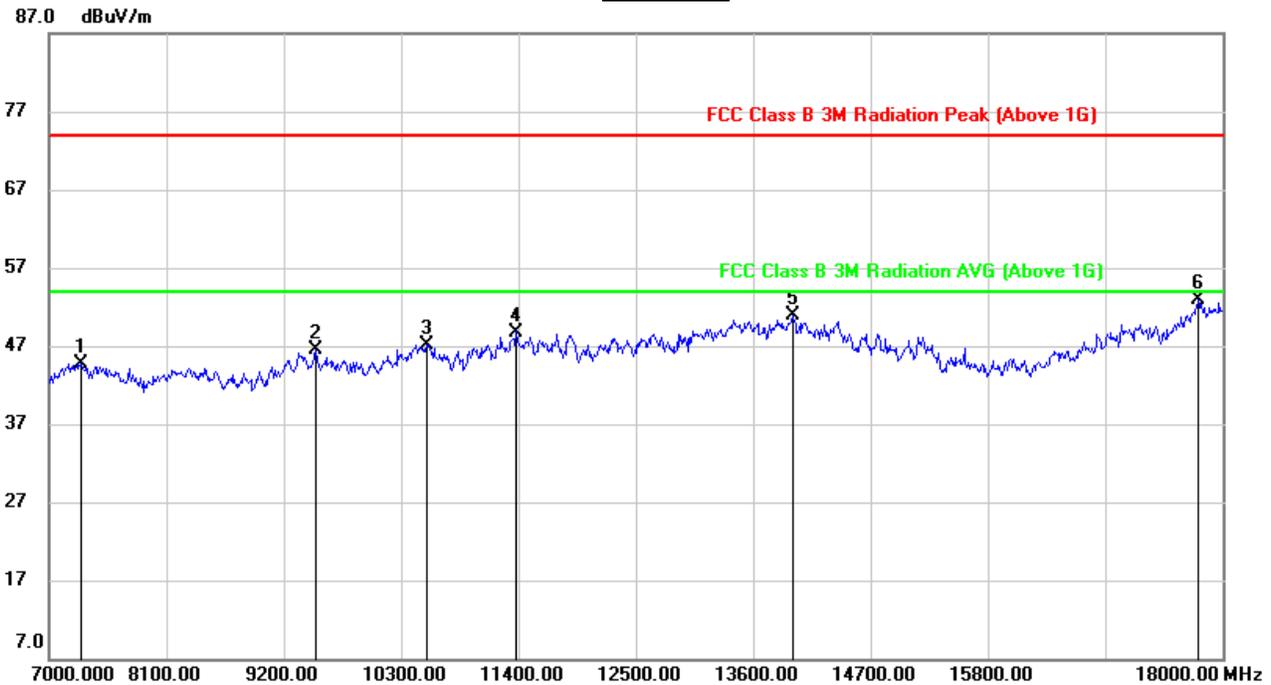


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.86	-13.50	51.36	74.00	-22.64	peak
2	1978.000	64.42	-11.26	53.16	74.00	-20.84	peak
3	2770.000	53.05	-7.85	45.20	74.00	-28.80	peak
4	3562.000	49.96	-5.74	44.22	74.00	-29.78	peak
5	4984.000	44.53	-0.85	43.68	74.00	-30.32	peak
6	5530.000	44.44	0.98	45.42	74.00	-28.58	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

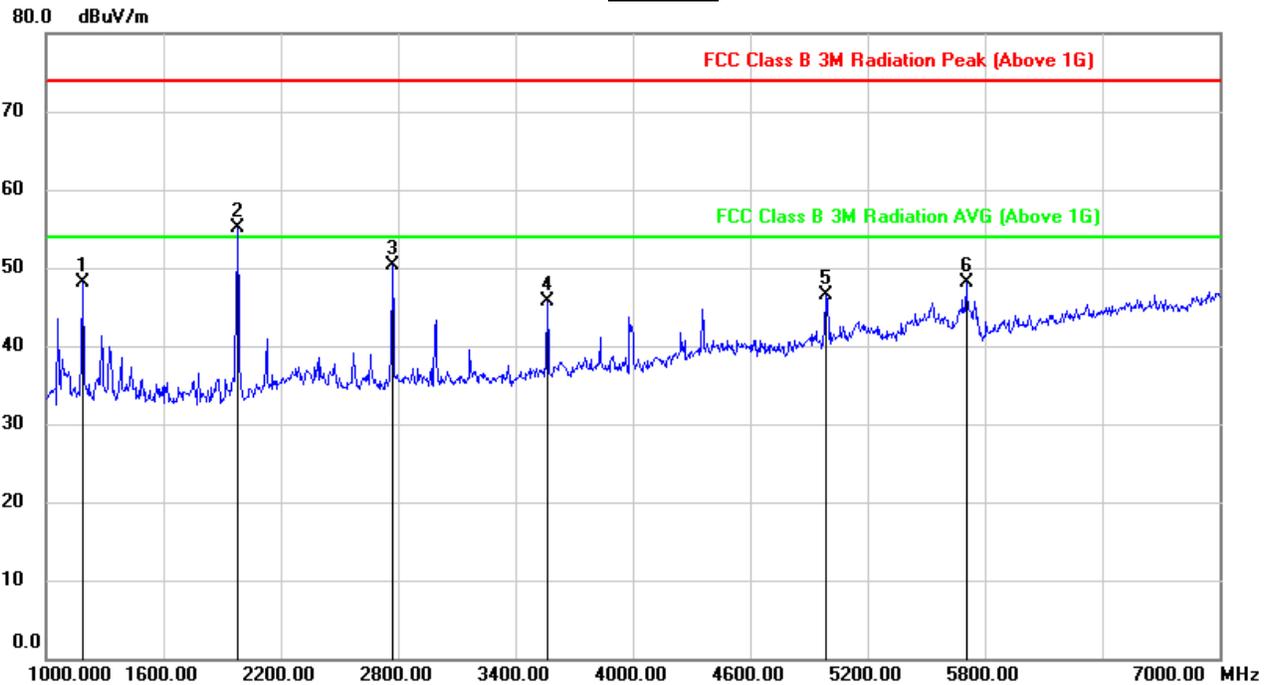


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7297.000	38.21	6.46	44.67	74.00	-29.33	peak
2	9497.000	36.73	9.69	46.42	74.00	-27.58	peak
3	10542.000	35.21	11.97	47.18	74.00	-26.82	peak
4	11378.000	35.37	13.43	48.80	74.00	-25.20	peak
5	13974.000	32.41	18.51	50.92	74.00	-23.08	peak
6	17769.000	29.08	23.83	52.91	74.00	-21.09	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

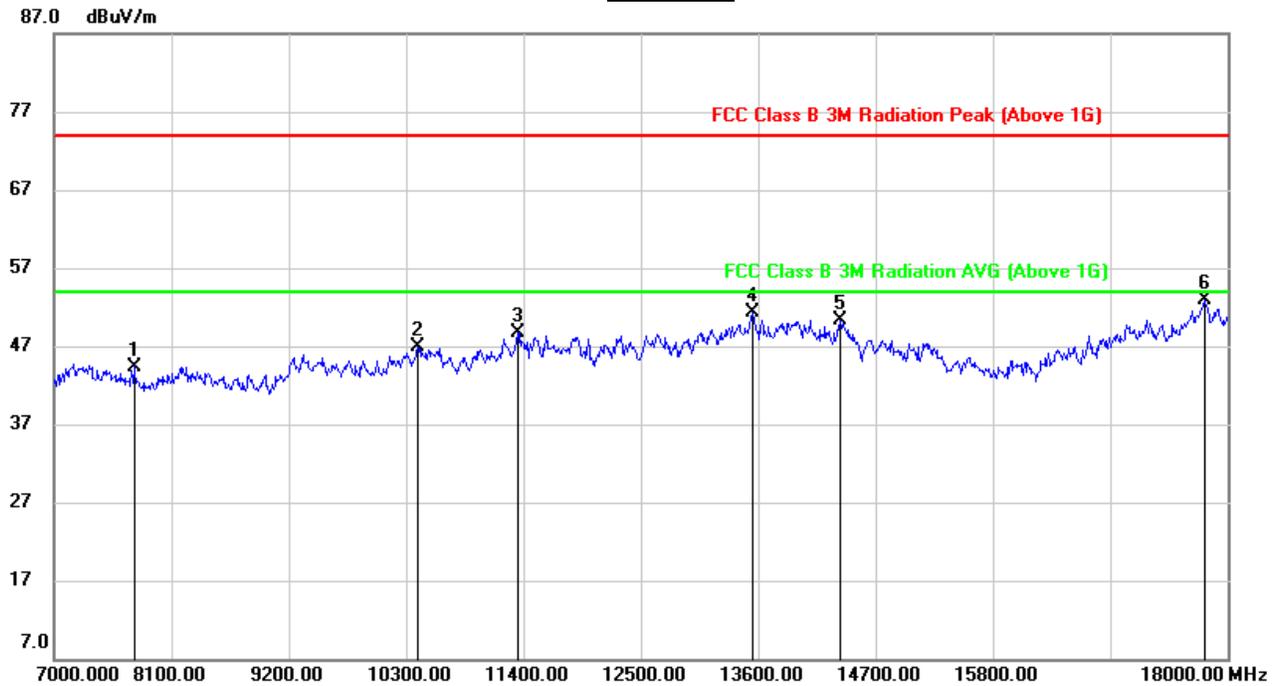


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	61.77	-13.62	48.15	74.00	-25.85	peak
2	1978.000	66.32	-11.31	55.01	74.00	-18.99	peak
3	2770.000	58.13	-7.91	50.22	74.00	-23.78	peak
4	3562.000	51.35	-5.71	45.64	74.00	-28.36	peak
5	4990.000	47.36	-0.78	46.58	74.00	-27.42	peak
6	5704.000	47.04	1.01	48.05	74.00	-25.95	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



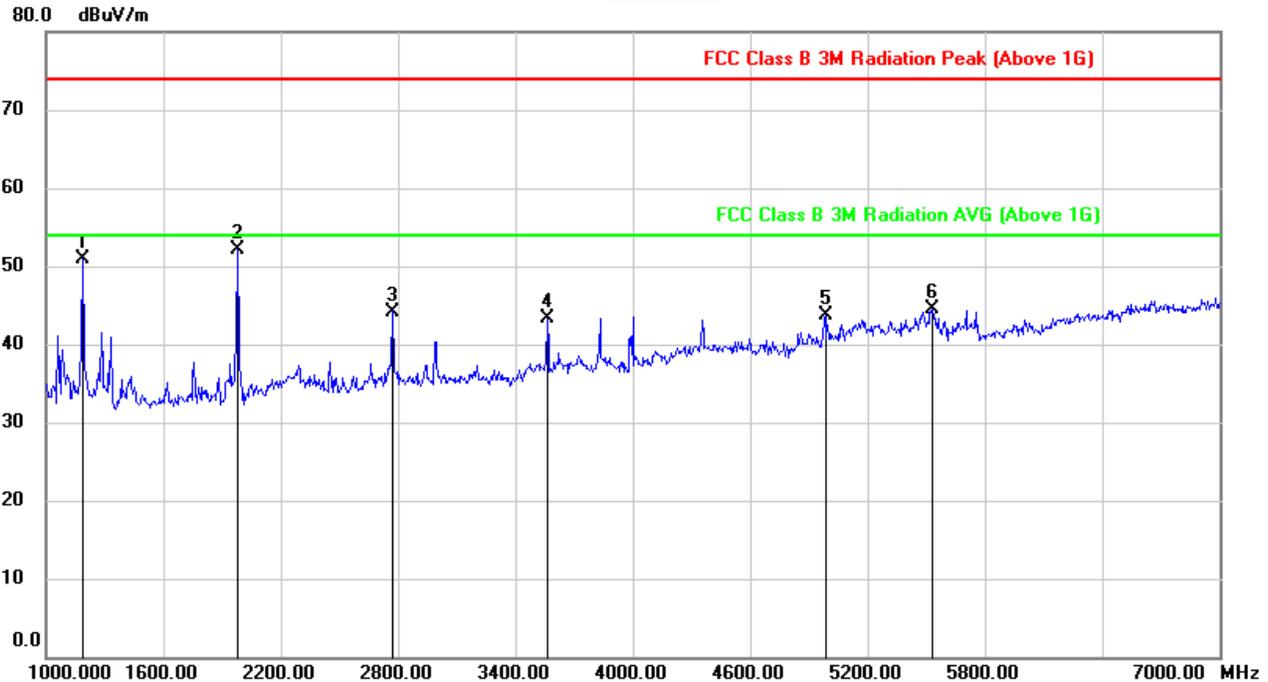
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	37.85	6.55	44.40	74.00	-29.60	peak
2	10410.000	35.31	11.56	46.87	74.00	-27.13	peak
3	11345.000	35.16	13.61	48.77	74.00	-25.23	peak
4	13545.000	32.52	18.86	51.38	74.00	-22.62	peak
5	14370.000	31.95	18.27	50.22	74.00	-23.78	peak
6	17780.000	28.46	24.38	52.84	74.00	-21.16	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

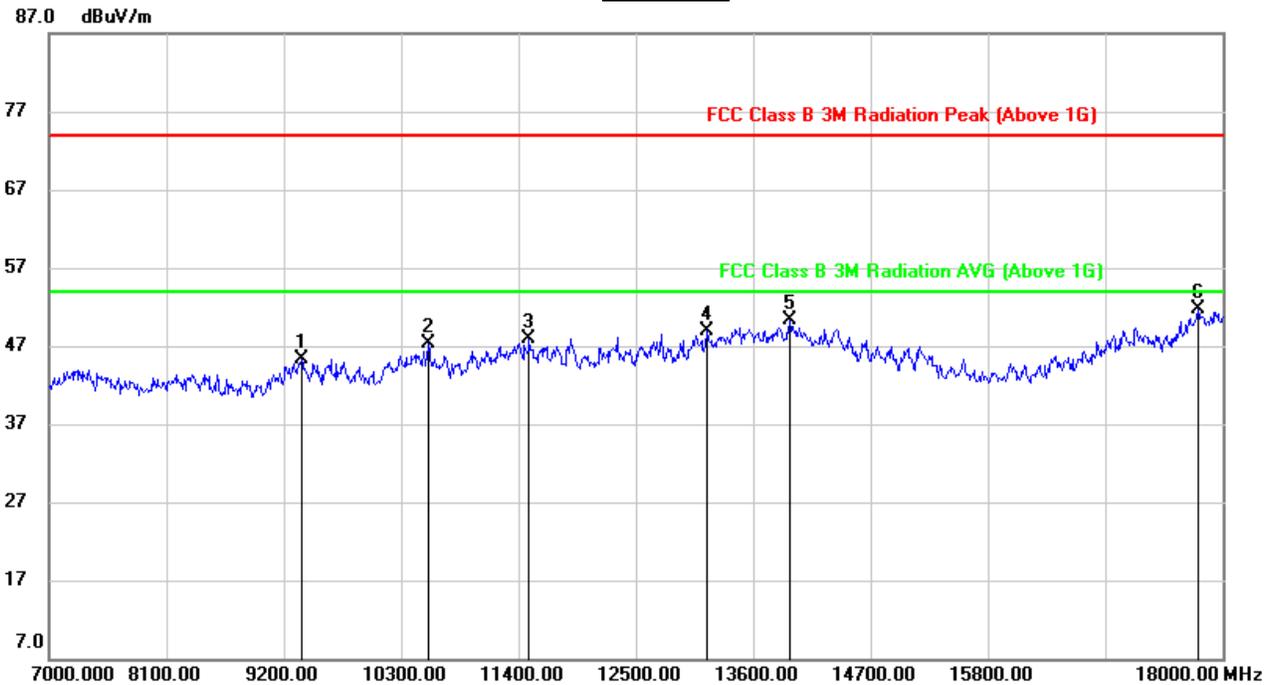


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.36	-13.50	50.86	74.00	-23.14	peak
2	1978.000	63.42	-11.26	52.16	74.00	-21.84	peak
3	2770.000	52.05	-7.85	44.20	74.00	-29.80	peak
4	3562.000	48.96	-5.74	43.22	74.00	-30.78	peak
5	4984.000	44.53	-0.85	43.68	74.00	-30.32	peak
6	5530.000	43.44	0.98	44.42	74.00	-29.58	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

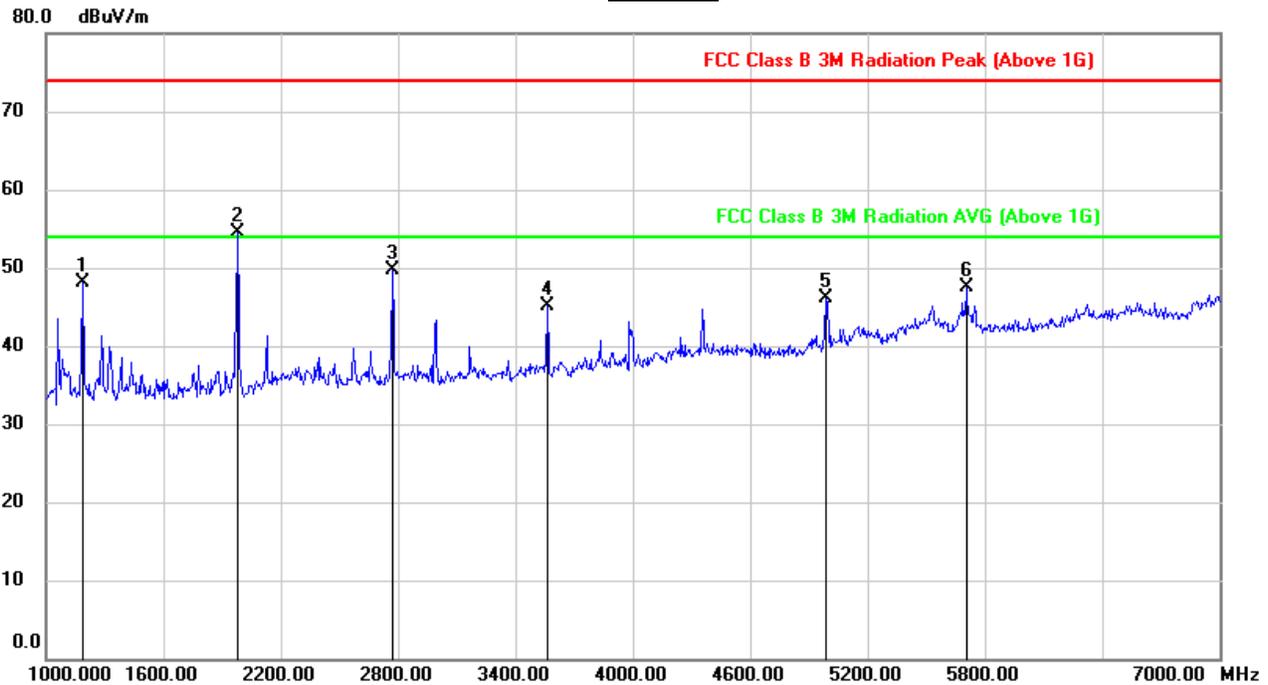


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	35.93	9.44	45.37	74.00	-28.63	peak
2	10553.000	35.30	11.97	47.27	74.00	-26.73	peak
3	11499.000	34.35	13.49	47.84	74.00	-26.16	peak
4	13171.000	32.13	16.72	48.85	74.00	-25.15	peak
5	13941.000	31.69	18.55	50.24	74.00	-23.76	peak
6	17769.000	27.94	23.83	51.77	74.00	-22.23	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

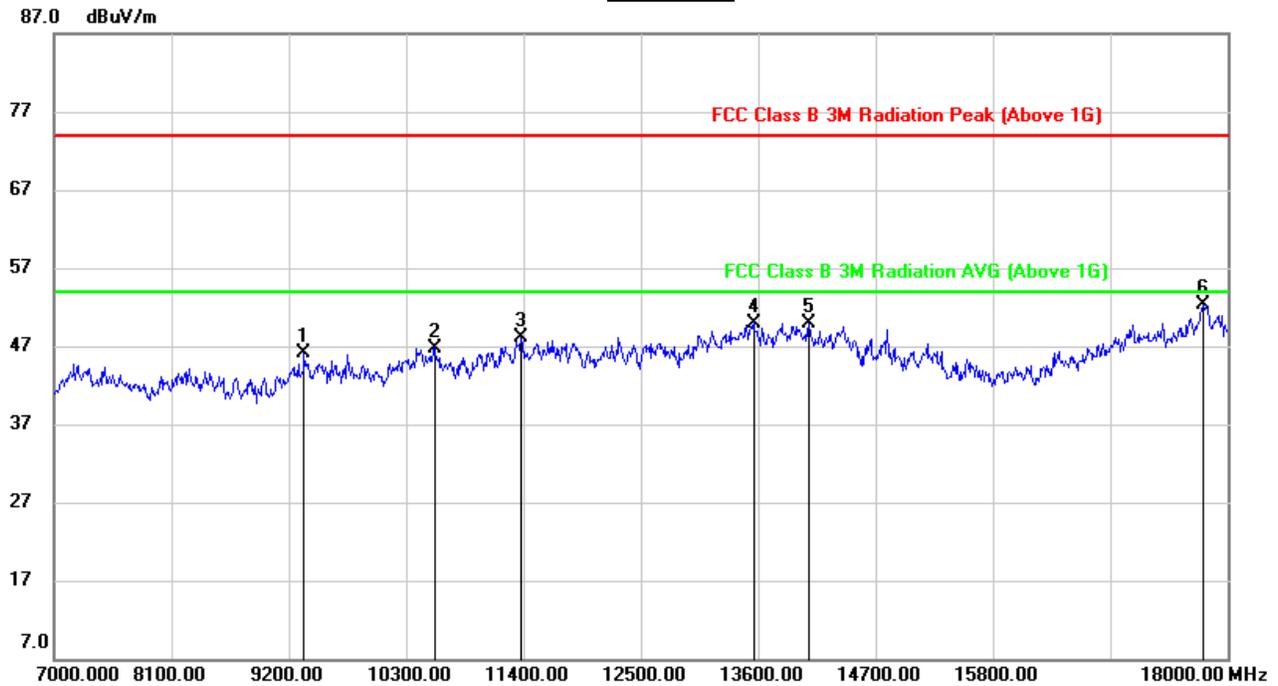


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	61.77	-13.62	48.15	74.00	-25.85	peak
2	1978.000	65.82	-11.31	54.51	74.00	-19.49	peak
3	2770.000	57.63	-7.91	49.72	74.00	-24.28	peak
4	3562.000	50.85	-5.71	45.14	74.00	-28.86	peak
5	4990.000	46.86	-0.78	46.08	74.00	-27.92	peak
6	5704.000	46.54	1.01	47.55	74.00	-26.45	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



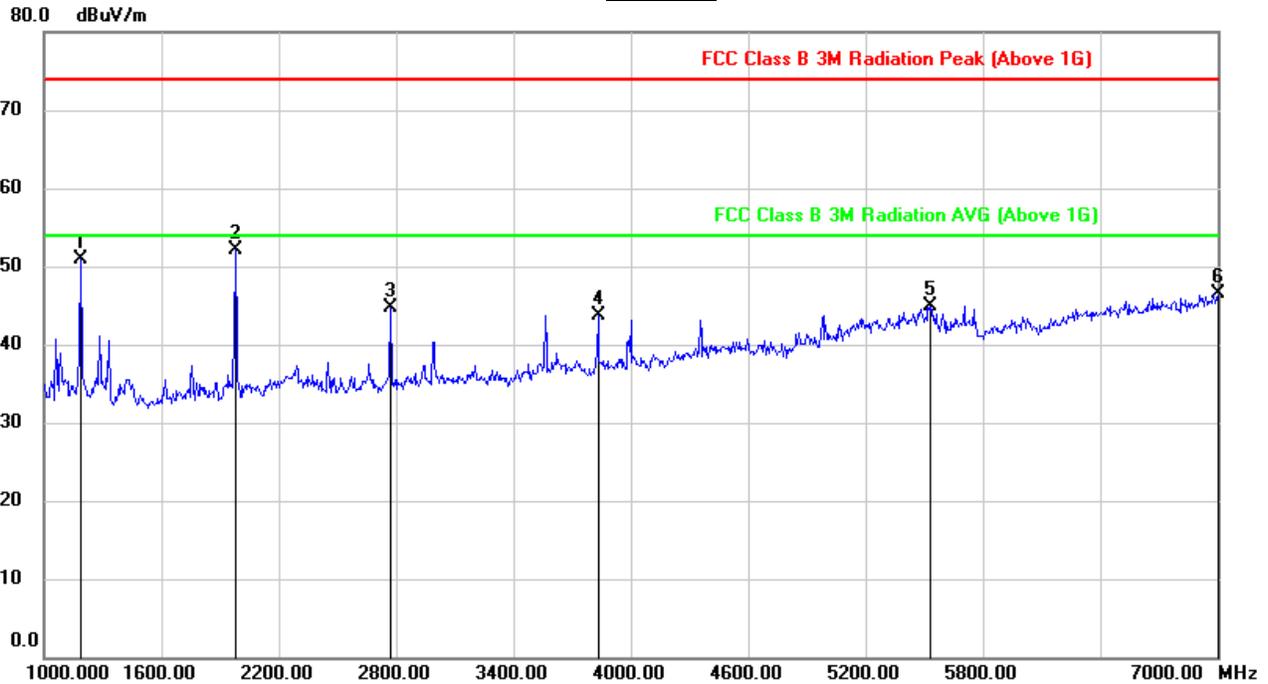
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	36.66	9.45	46.11	74.00	-27.89	peak
2	10564.000	34.90	11.90	46.80	74.00	-27.20	peak
3	11378.000	34.52	13.64	48.16	74.00	-25.84	peak
4	13556.000	31.16	18.84	50.00	74.00	-24.00	peak
5	14073.000	31.50	18.41	49.91	74.00	-24.09	peak
6	17769.000	28.12	24.23	52.35	74.00	-21.65	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. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

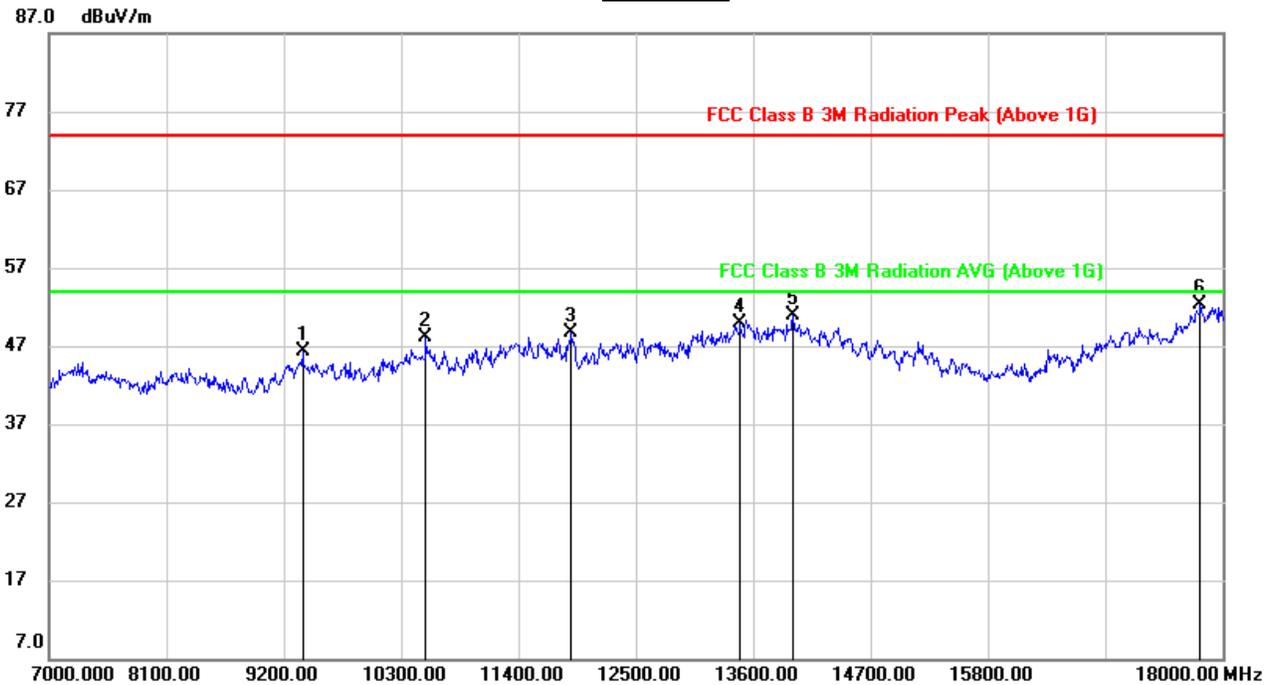


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.36	-13.50	50.86	74.00	-23.14	peak
2	1978.000	63.42	-11.26	52.16	74.00	-21.84	peak
3	2770.000	52.55	-7.85	44.70	74.00	-29.30	peak
4	3832.000	48.46	-4.74	43.72	74.00	-30.28	peak
5	5530.000	43.94	0.98	44.92	74.00	-29.08	peak
6	7000.000	41.14	5.39	46.53	74.00	-27.47	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

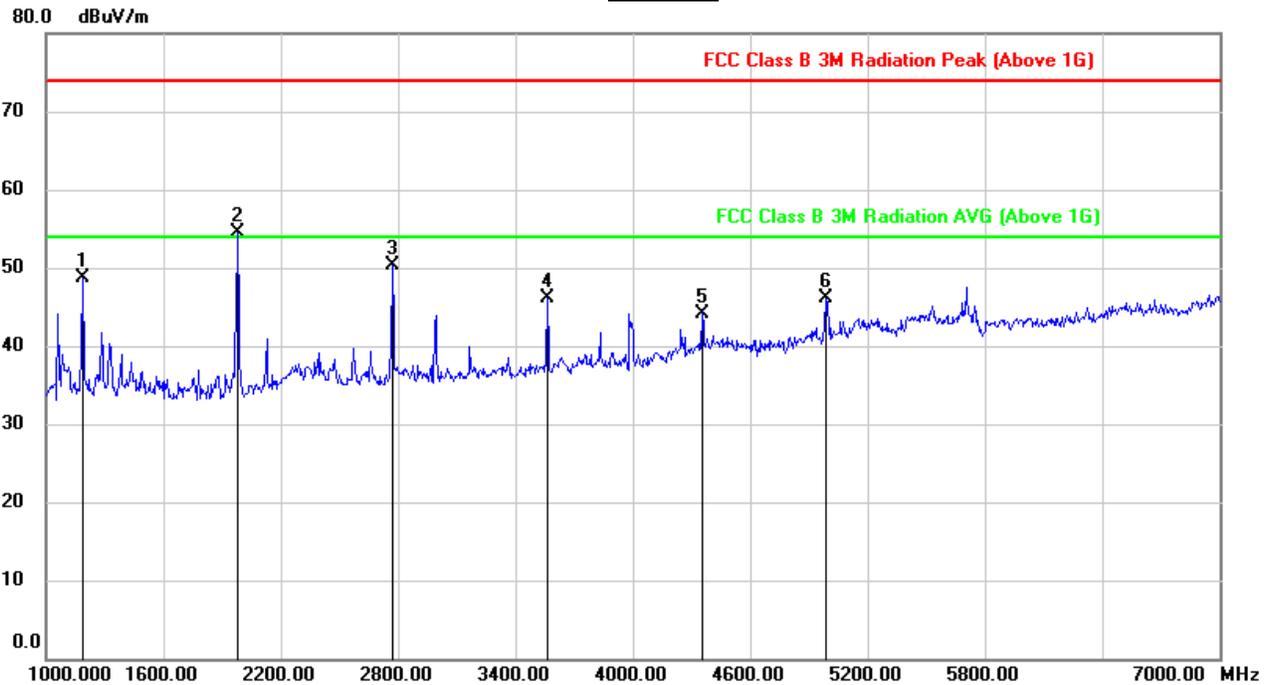


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	36.85	9.47	46.32	74.00	-27.68	peak
2	10531.000	36.10	11.95	48.05	74.00	-25.95	peak
3	11895.000	33.54	15.15	48.69	74.00	-25.31	peak
4	13479.000	31.74	18.08	49.82	74.00	-24.18	peak
5	13974.000	32.36	18.51	50.87	74.00	-23.13	peak
6	17791.000	28.19	24.12	52.31	74.00	-21.69	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

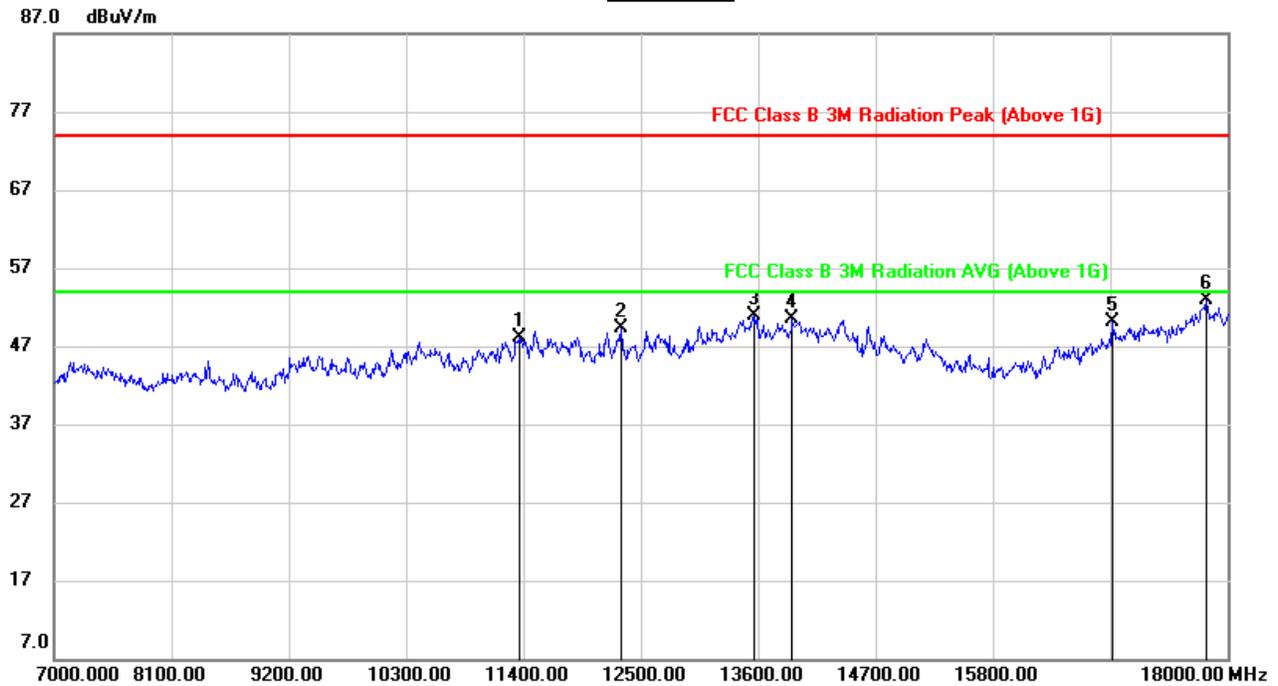


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	62.27	-13.62	48.65	74.00	-25.35	peak
2	1978.000	65.82	-11.31	54.51	74.00	-19.49	peak
3	2770.000	58.13	-7.91	50.22	74.00	-23.78	peak
4	3562.000	51.85	-5.71	46.14	74.00	-27.86	peak
5	4354.000	46.91	-2.71	44.20	74.00	-29.80	peak
6	4990.000	46.86	-0.78	46.08	74.00	-27.92	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. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	34.38	13.64	48.02	74.00	-25.98	peak
2	12313.000	34.68	14.55	49.23	74.00	-24.77	peak
3	13567.000	32.26	18.71	50.97	74.00	-23.03	peak
4	13919.000	31.80	18.71	50.51	74.00	-23.49	peak
5	16922.000	30.92	19.17	50.09	74.00	-23.91	peak
6	17802.000	28.38	24.61	52.99	74.00	-21.01	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 46), so all the test point were deemed to comply with the limits list in the standard.

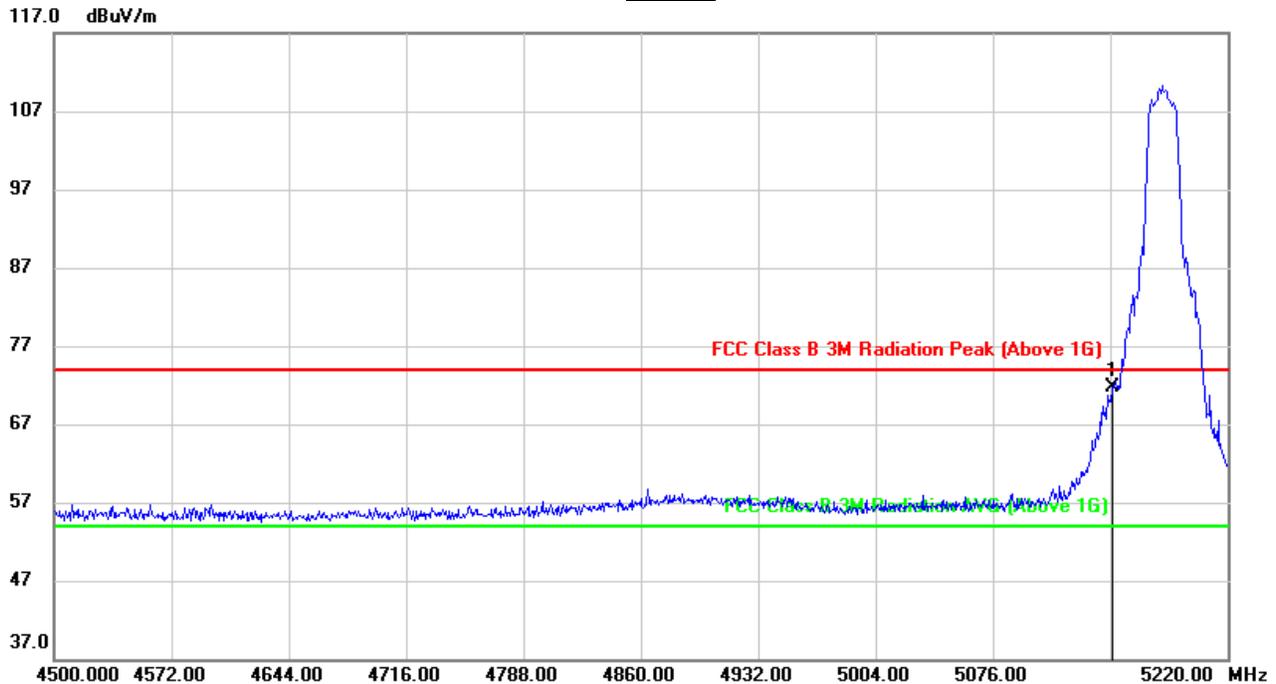


7.2. 802.11n HT20 MODE

7.2.1. UNII-1 BAND

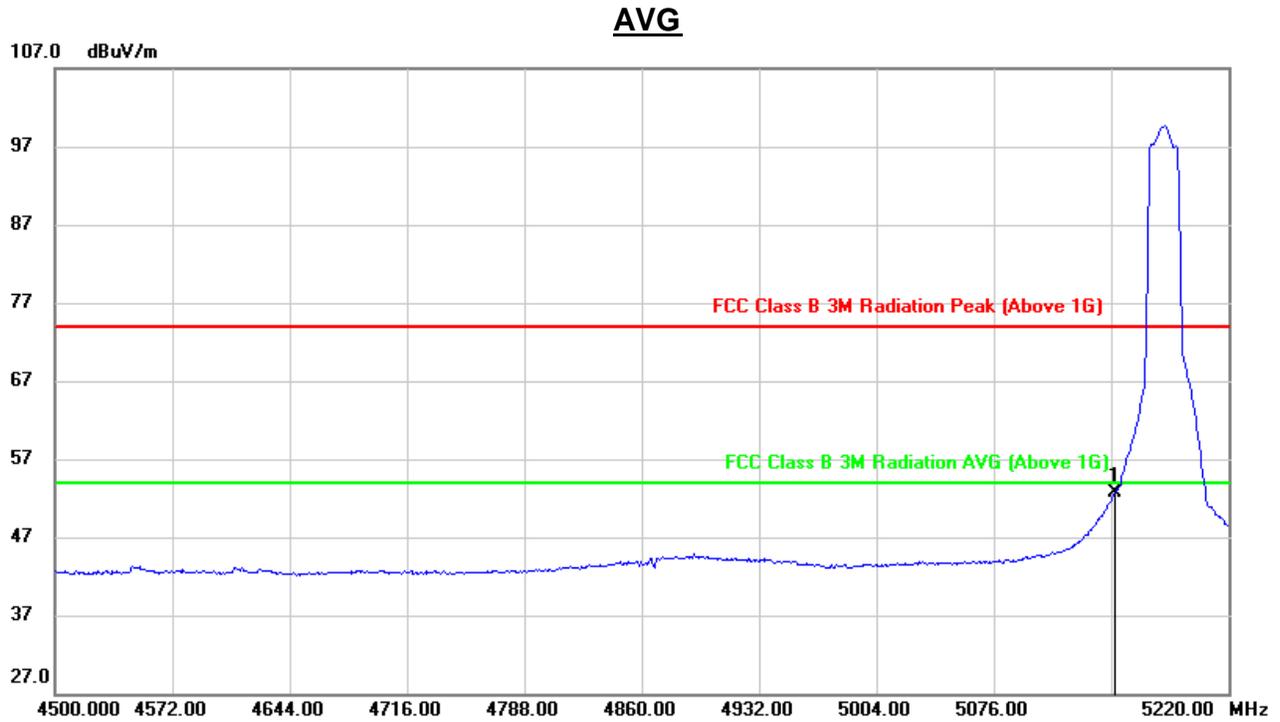
RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	31.21	40.40	71.61	74.00	-2.39	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.

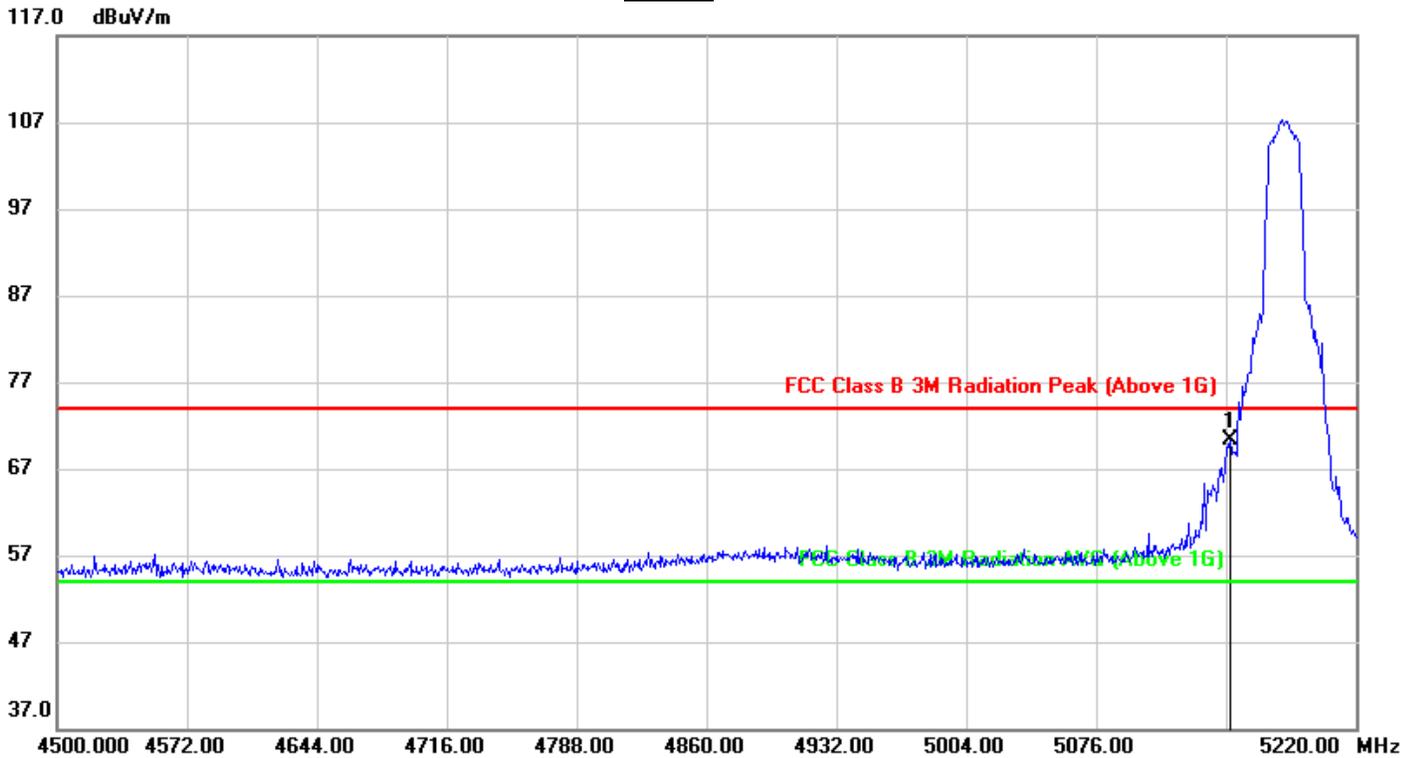


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	12.25	40.40	52.65	54.00	-1.35	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: T_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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

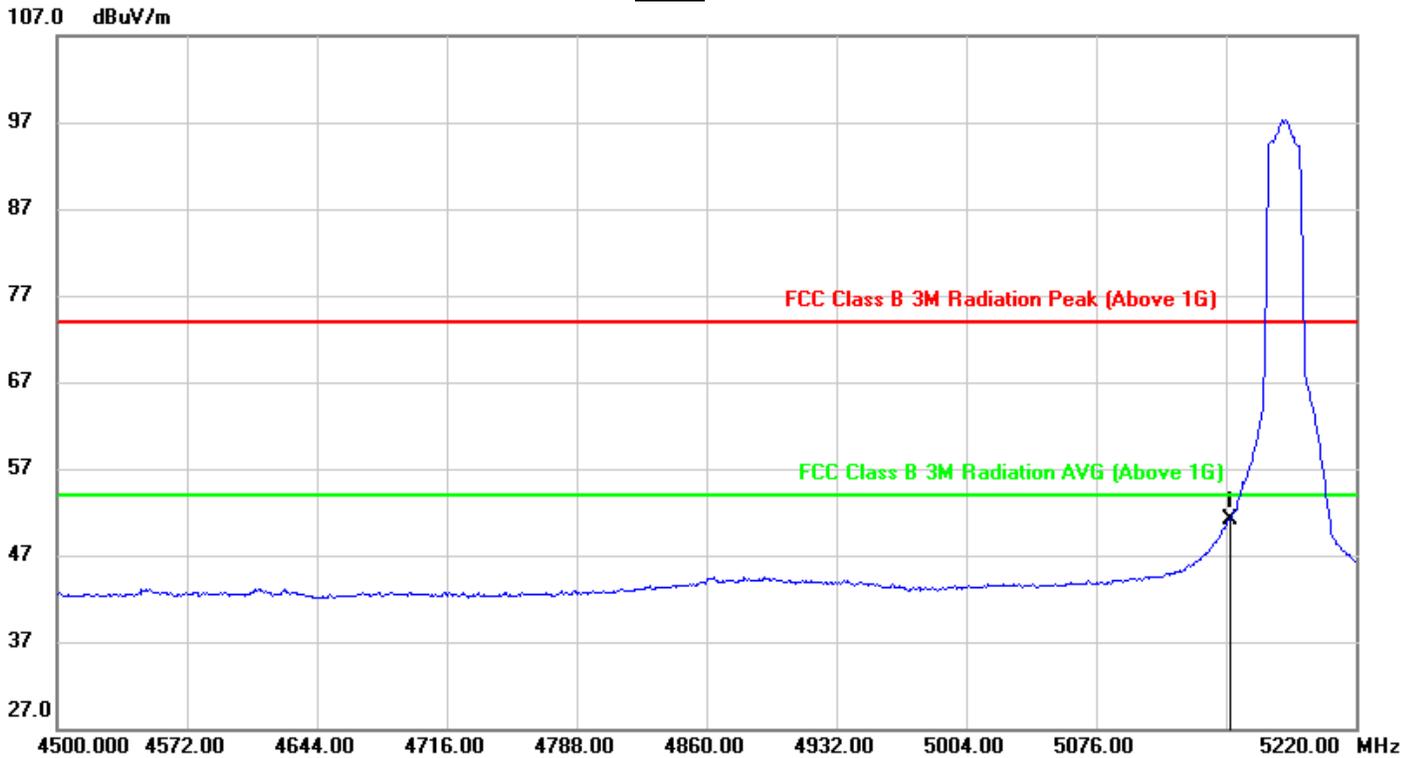


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	29.69	40.60	70.29	74.00	-3.71	peak

- 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



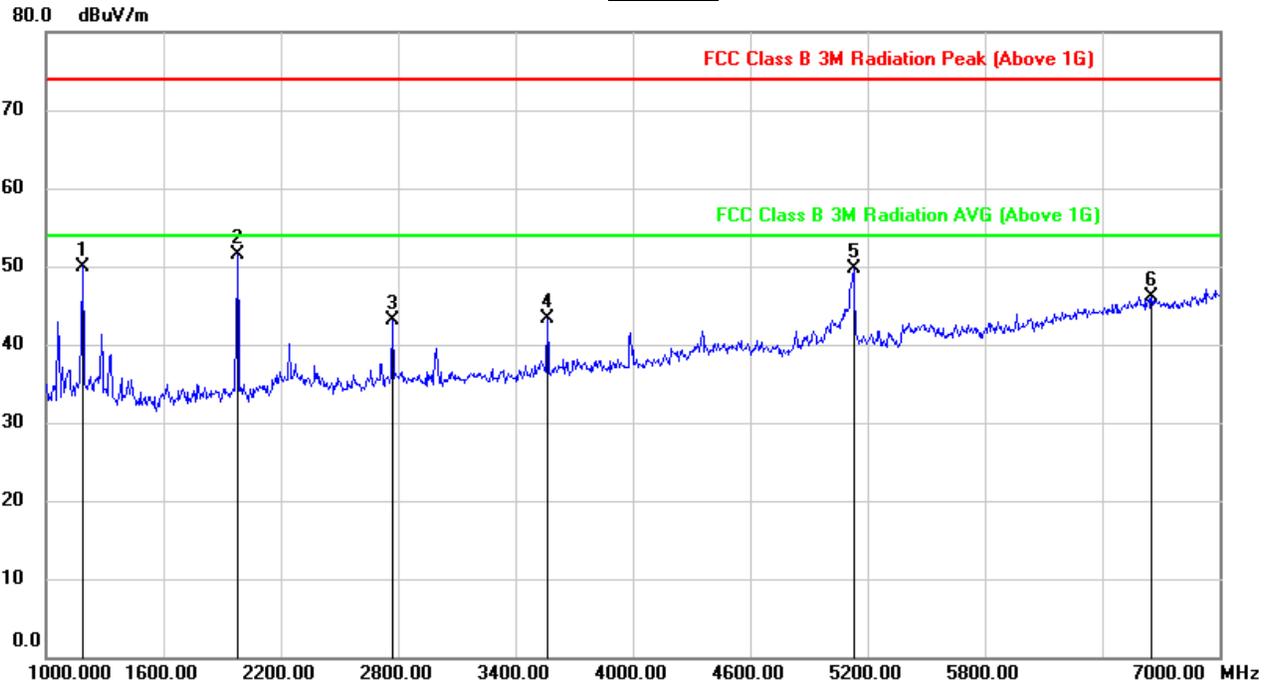
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.58	40.60	51.18	54.00	-2.82	AVG

- Note:
1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/Ton$ where: ton is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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
1-7GHz**

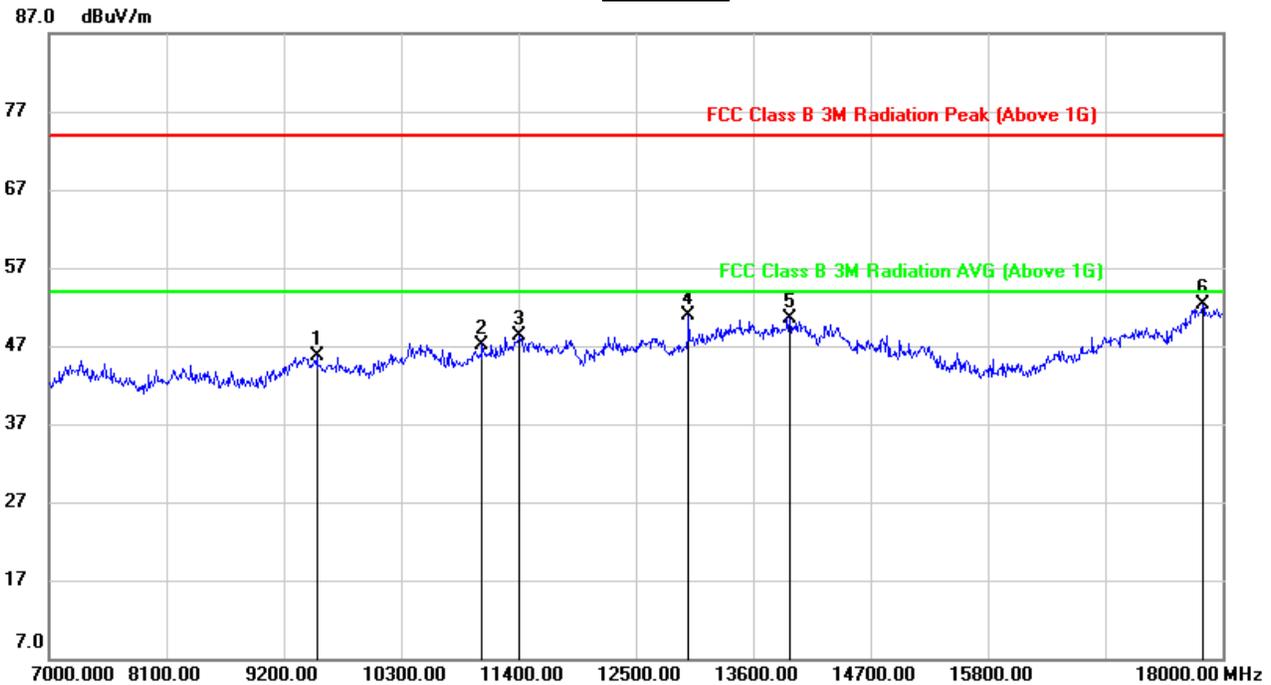


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.50	-13.50	50.00	74.00	-24.00	peak
2	1978.000	62.71	-11.26	51.45	74.00	-22.55	peak
3	2770.000	50.92	-7.85	43.07	74.00	-30.93	peak
4	3562.000	49.13	-5.74	43.39	74.00	-30.61	peak
5	5128.000	50.09	-0.34	49.75	74.00	-24.25	peak
6	6652.000	41.98	4.15	46.13	74.00	-27.87	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.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

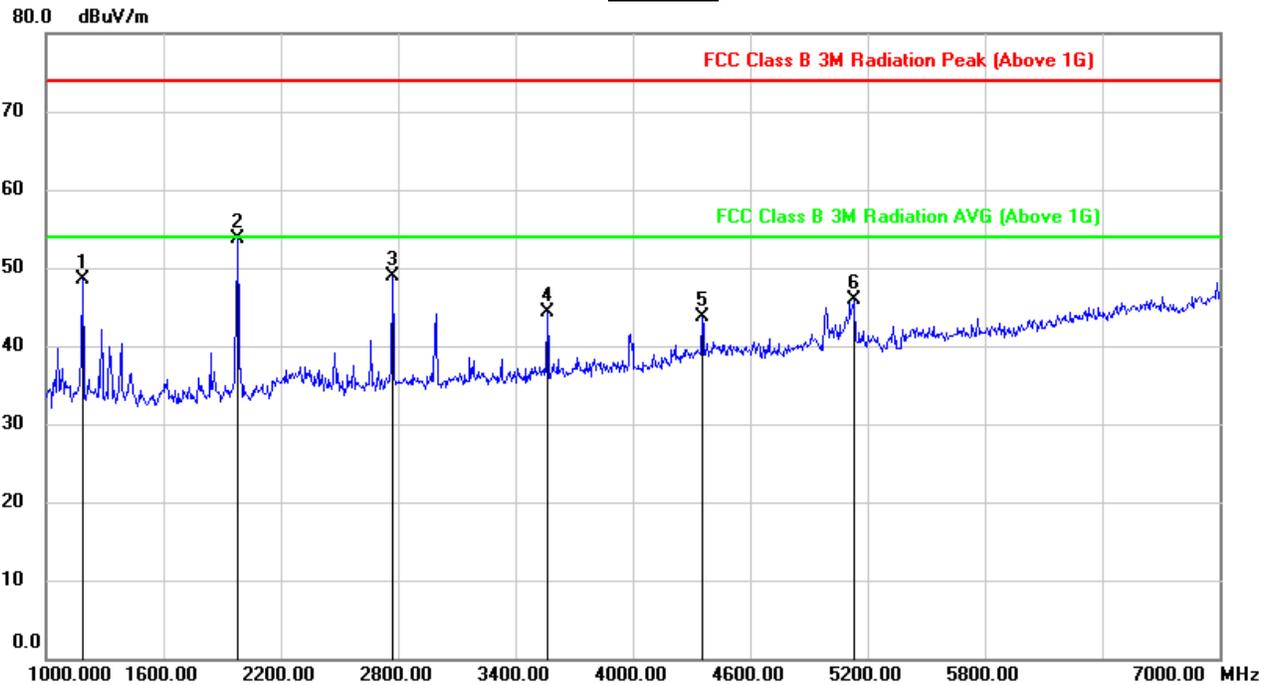


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9508.000	35.99	9.68	45.67	74.00	-28.33	peak
2	11059.000	34.45	12.75	47.20	74.00	-26.80	peak
3	11411.000	34.55	13.76	48.31	74.00	-25.69	peak
4	12995.000	34.30	16.66	50.96	74.00	-23.04	peak
5	13941.000	31.93	18.55	50.48	74.00	-23.52	peak
6	17813.000	28.06	24.25	52.31	74.00	-21.69	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

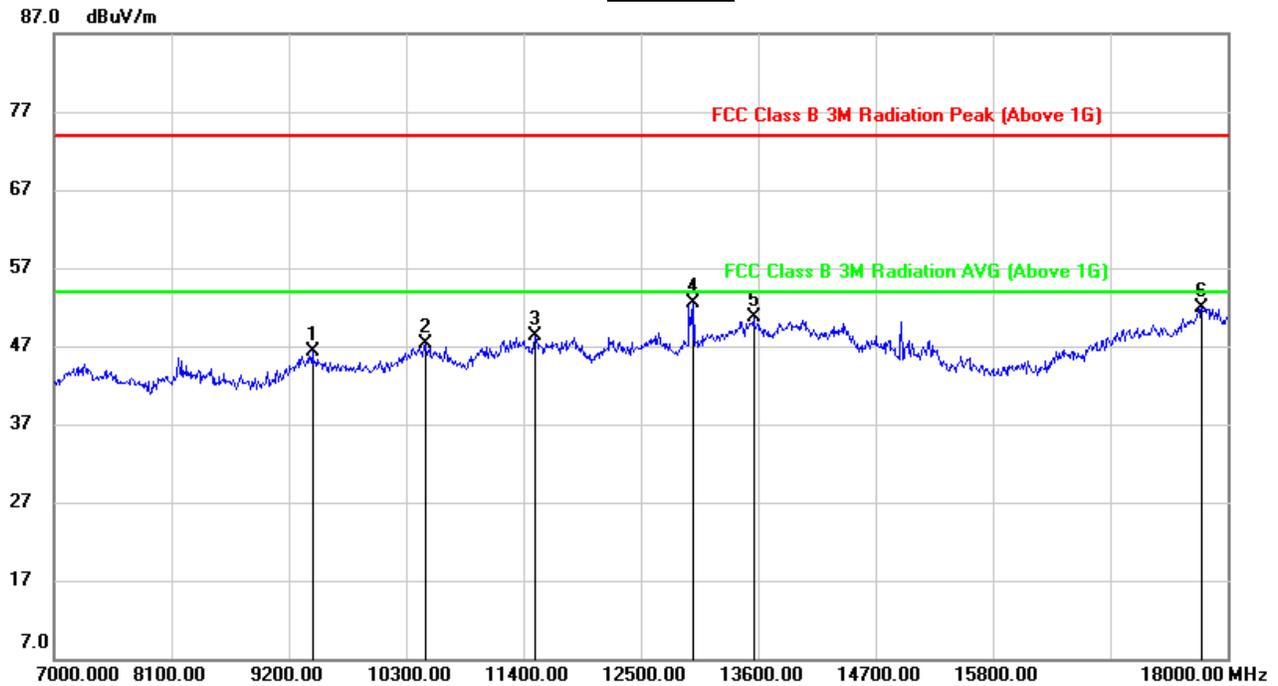


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	62.04	-13.62	48.42	74.00	-25.58	peak
2	1978.000	65.09	-11.31	53.78	74.00	-20.22	peak
3	2770.000	56.82	-7.91	48.91	74.00	-25.09	peak
4	3562.000	50.02	-5.71	44.31	74.00	-29.69	peak
5	4354.000	46.32	-2.71	43.61	74.00	-30.39	peak
6	5134.000	46.00	-0.12	45.88	74.00	-28.12	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



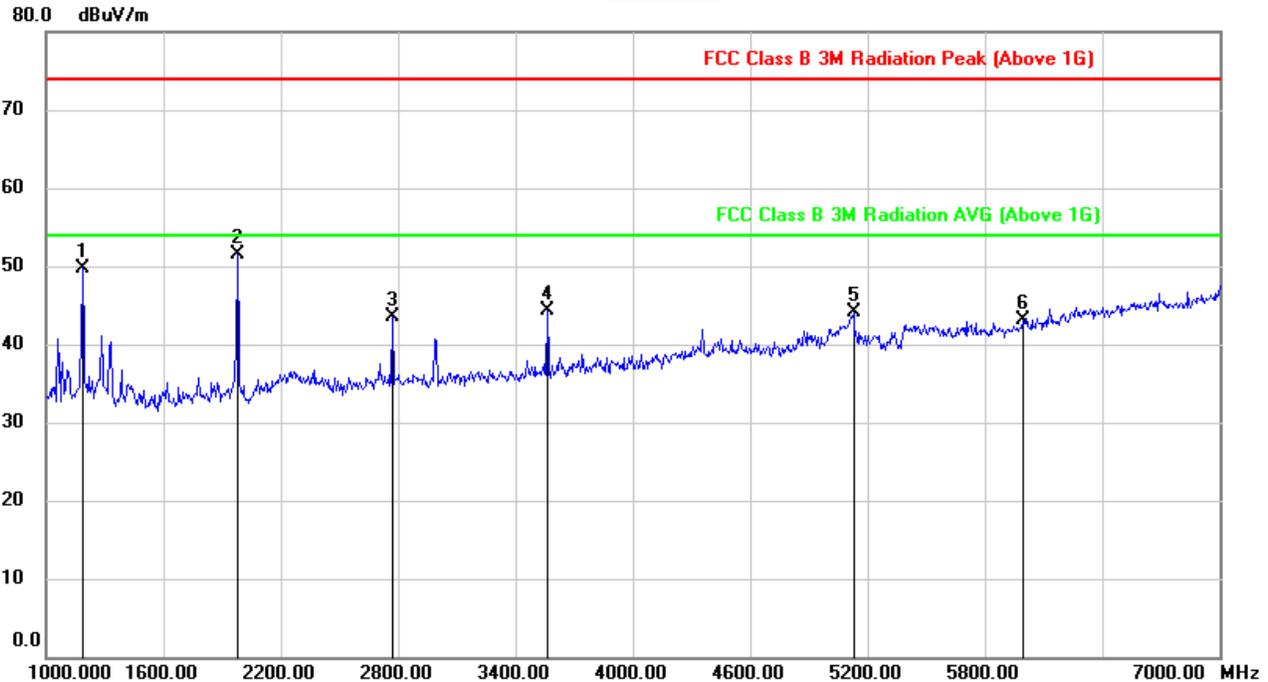
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9420.000	36.64	9.60	46.24	74.00	-27.76	peak
2	10476.000	35.39	11.90	47.29	74.00	-26.71	peak
3	11510.000	34.10	14.11	48.21	74.00	-25.79	peak
4	12995.000	35.62	16.83	52.45	74.00	-21.55	peak
5	13556.000	31.83	18.84	50.67	74.00	-23.33	peak
6	17758.000	27.92	24.08	52.00	74.00	-22.00	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

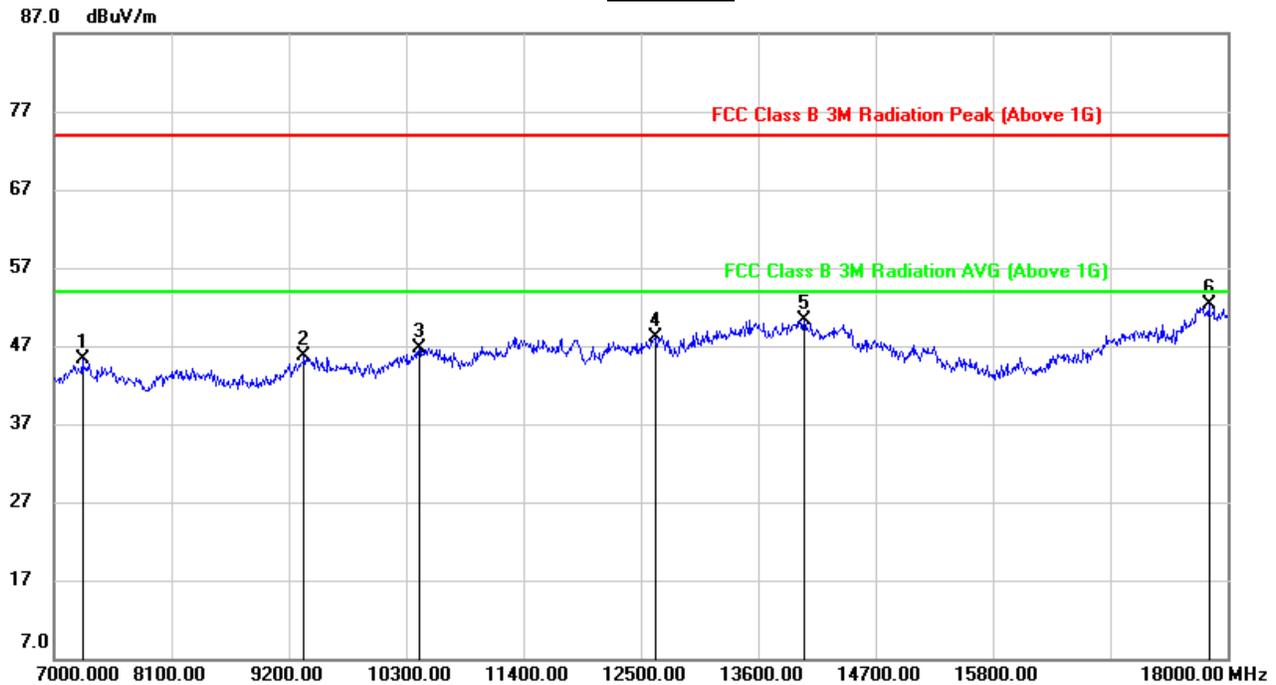


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.14	-13.50	49.64	74.00	-24.36	peak
2	1978.000	62.83	-11.26	51.57	74.00	-22.43	peak
3	2770.000	51.33	-7.85	43.48	74.00	-30.52	peak
4	3562.000	50.13	-5.74	44.39	74.00	-29.61	peak
5	5128.000	44.36	-0.34	44.02	74.00	-29.98	peak
6	5992.000	41.08	1.94	43.02	74.00	-30.98	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

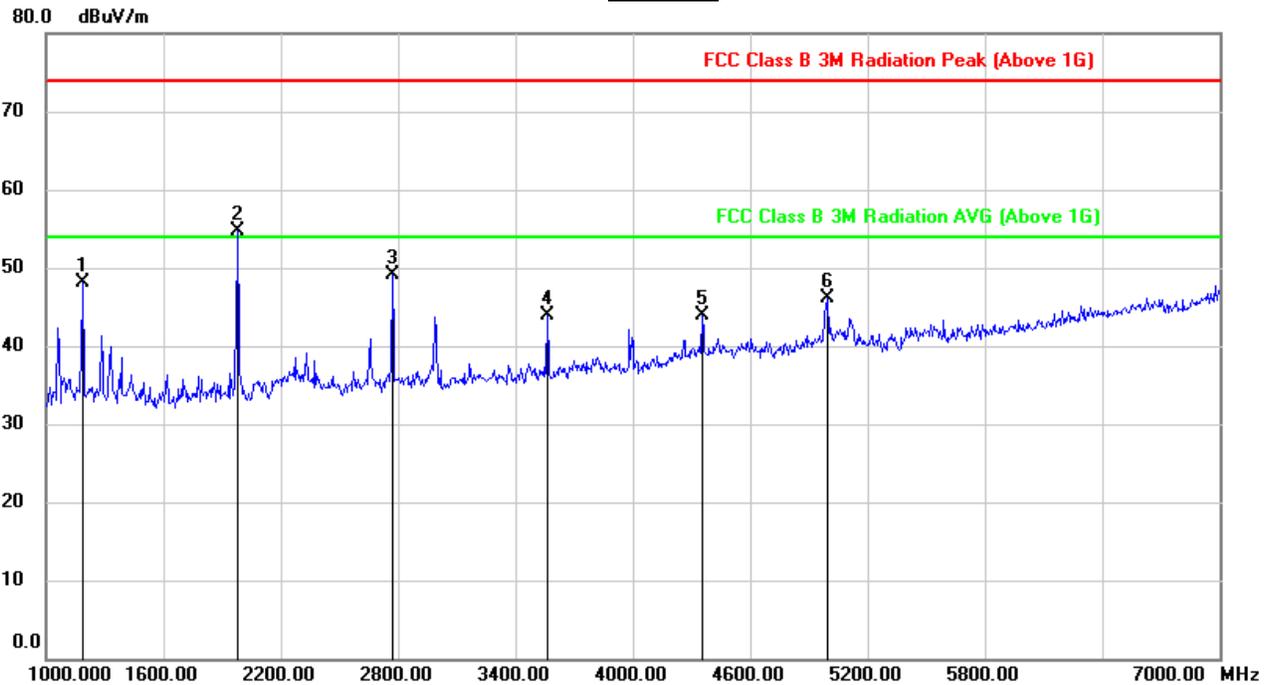


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7264.000	38.81	6.45	45.26	74.00	-28.74	peak
2	9343.000	36.37	9.34	45.71	74.00	-28.29	peak
3	10421.000	35.24	11.51	46.75	74.00	-27.25	peak
4	12632.000	32.82	15.28	48.10	74.00	-25.90	peak
5	14029.000	31.83	18.47	50.30	74.00	-23.70	peak
6	17824.000	28.09	24.25	52.34	74.00	-21.66	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.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

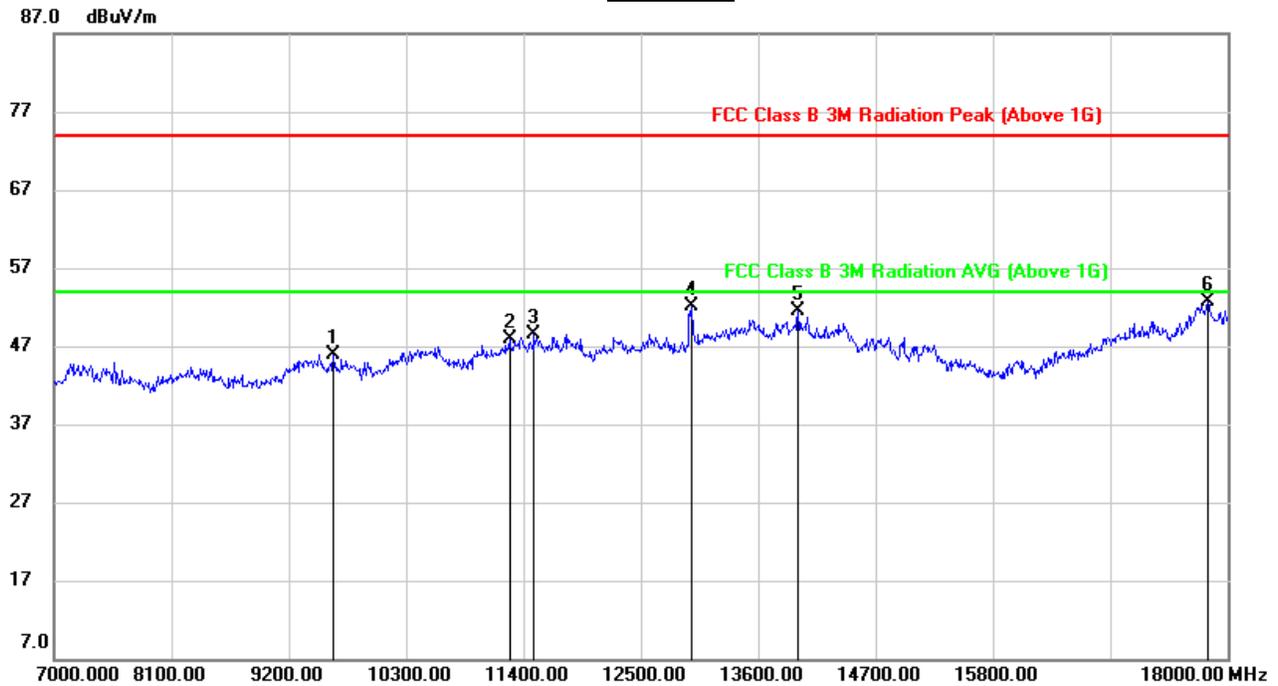


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	61.81	-13.62	48.19	74.00	-25.81	peak
2	1978.000	66.10	-11.31	54.79	74.00	-19.21	peak
3	2770.000	57.01	-7.91	49.10	74.00	-24.90	peak
4	3562.000	49.70	-5.71	43.99	74.00	-30.01	peak
5	4354.000	46.60	-2.71	43.89	74.00	-30.11	peak
6	4996.000	46.89	-0.78	46.11	74.00	-27.89	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



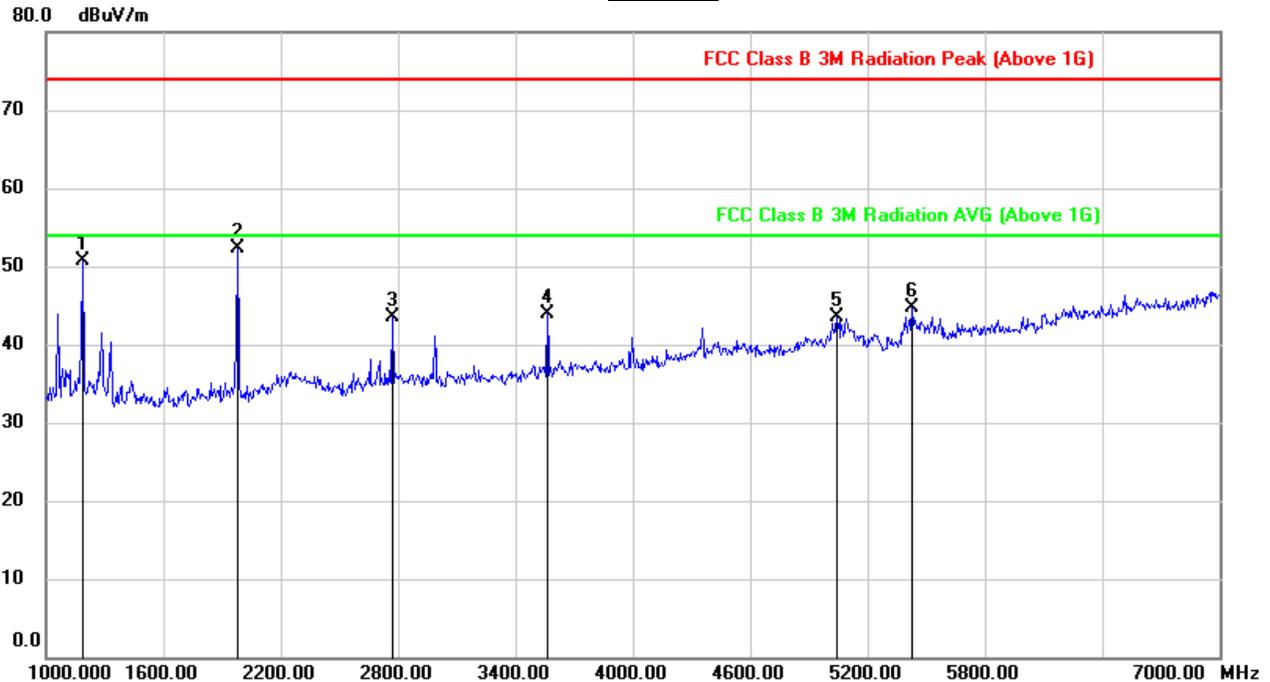
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9618.000	36.18	9.77	45.95	74.00	-28.05	peak
2	11268.000	34.41	13.41	47.82	74.00	-26.18	peak
3	11499.000	34.35	14.07	48.42	74.00	-25.58	peak
4	12973.000	35.31	16.72	52.03	74.00	-21.97	peak
5	13974.000	32.93	18.61	51.54	74.00	-22.46	peak
6	17813.000	28.17	24.44	52.61	74.00	-21.39	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 46), so all the test point were deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

**HORIZONTAL RESULTS
1-7GHz**

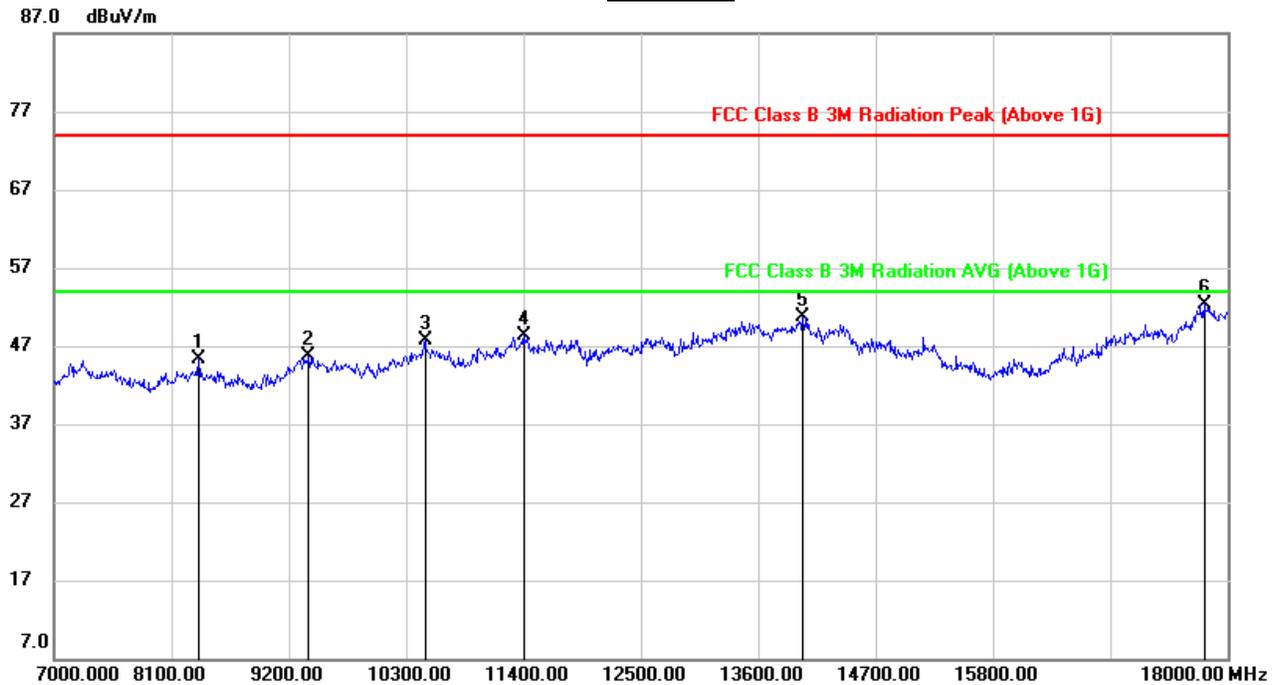


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	64.18	-13.50	50.68	74.00	-23.32	peak
2	1978.000	63.62	-11.26	52.36	74.00	-21.64	peak
3	2770.000	51.40	-7.85	43.55	74.00	-30.45	peak
4	3562.000	49.61	-5.74	43.87	74.00	-30.13	peak
5	5044.000	44.29	-0.70	43.59	74.00	-30.41	peak
6	5428.000	44.10	0.52	44.62	74.00	-29.38	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

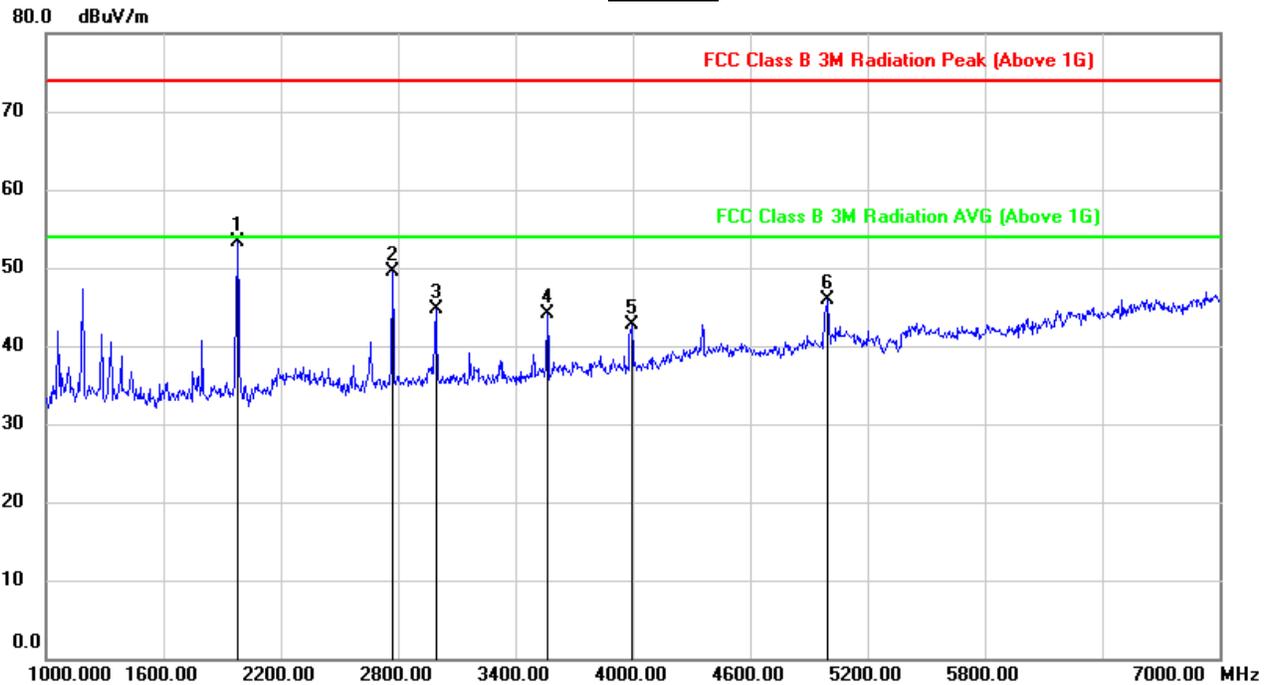


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8353.000	38.47	6.81	45.28	74.00	-28.72	peak
2	9387.000	36.10	9.51	45.61	74.00	-28.39	peak
3	10476.000	35.94	11.80	47.74	74.00	-26.26	peak
4	11400.000	34.66	13.74	48.40	74.00	-25.60	peak
5	14018.000	32.28	18.47	50.75	74.00	-23.25	peak
6	17780.000	28.42	23.98	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

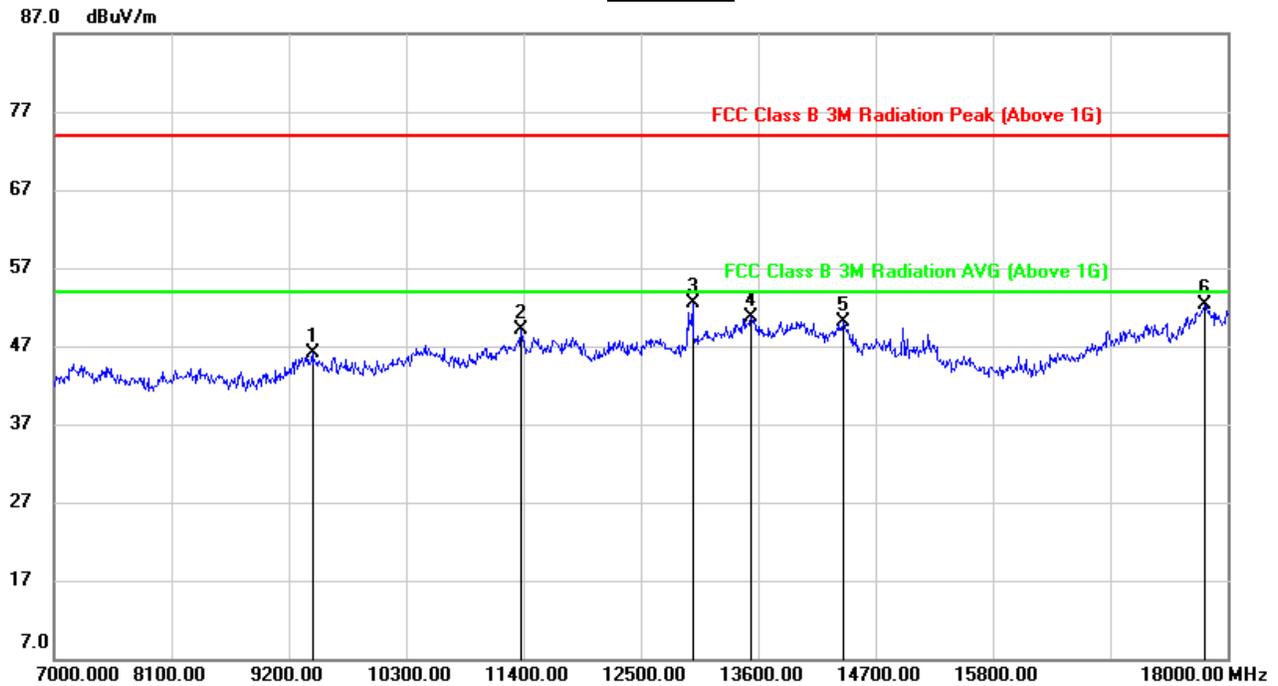


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	64.63	-11.31	53.32	74.00	-20.68	peak
2	2770.000	57.43	-7.91	49.52	74.00	-24.48	peak
3	2992.000	52.00	-7.29	44.71	74.00	-29.29	peak
4	3562.000	49.76	-5.71	44.05	74.00	-29.95	peak
5	3994.000	47.34	-4.54	42.80	74.00	-31.20	peak
6	4996.000	46.60	-0.78	45.82	74.00	-28.18	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9420.000	36.42	9.60	46.02	74.00	-27.98	peak
2	11378.000	35.51	13.64	49.15	74.00	-24.85	peak
3	12984.000	35.65	16.78	52.43	74.00	-21.57	peak
4	13534.000	31.91	18.79	50.70	74.00	-23.30	peak
5	14392.000	31.85	18.32	50.17	74.00	-23.83	peak
6	17791.000	27.78	24.52	52.30	74.00	-21.70	peak

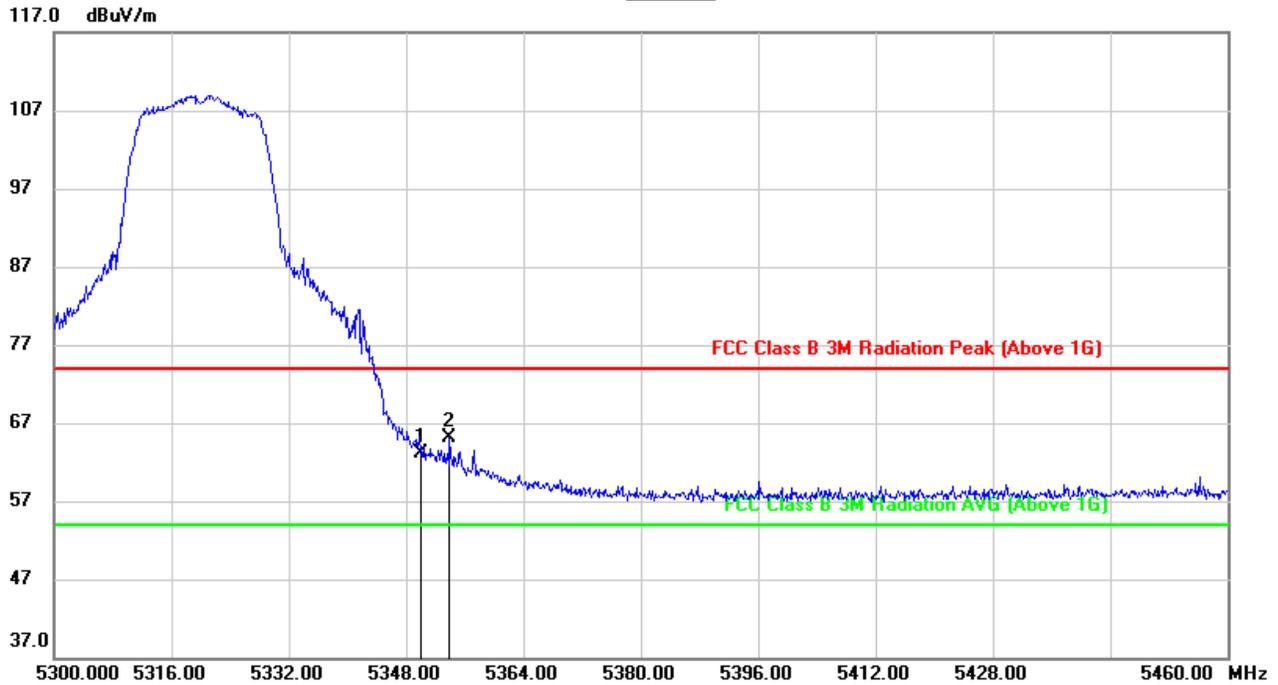
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Owing to the highest peak level complies with the lowest limit of unwanted emission out of the restricted bands (Please refer to page 46), so all the test point were deemed to comply with the limits list in the standard.



7.2.2. UNII-2A BAND

RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK

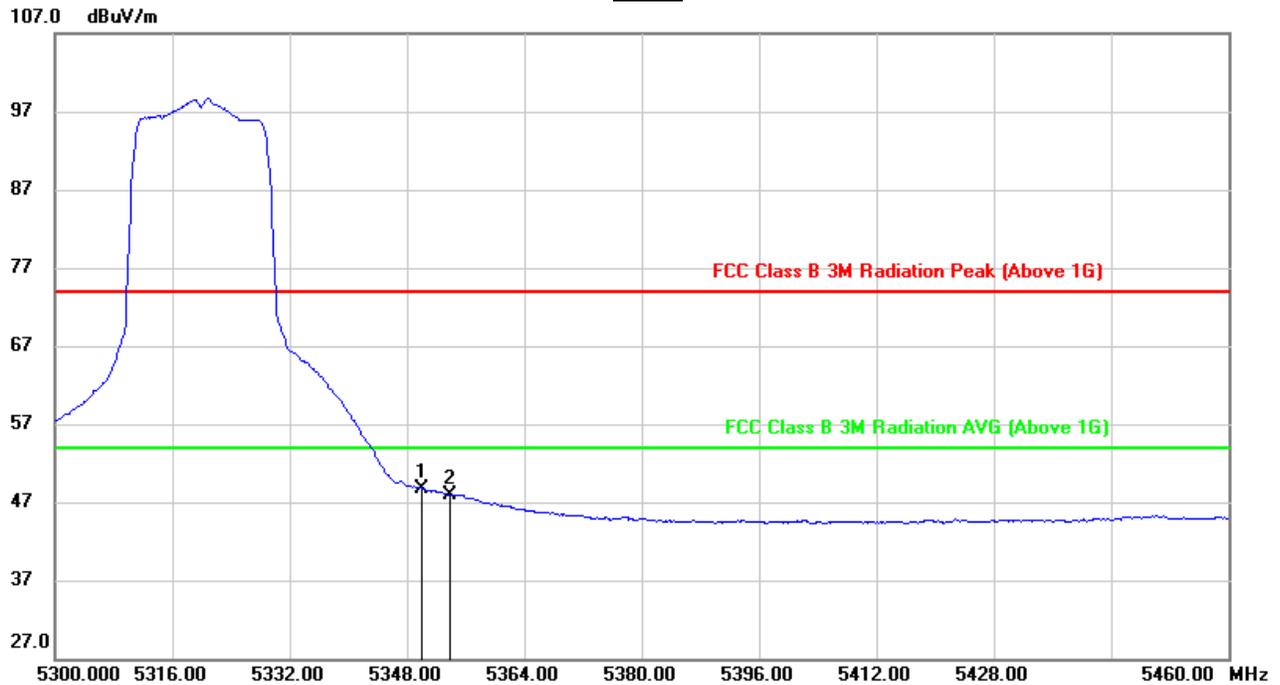


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	22.57	40.44	63.01	74.00	-10.99	peak
2	5353.920	24.60	40.46	65.06	74.00	-8.94	peak

- 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

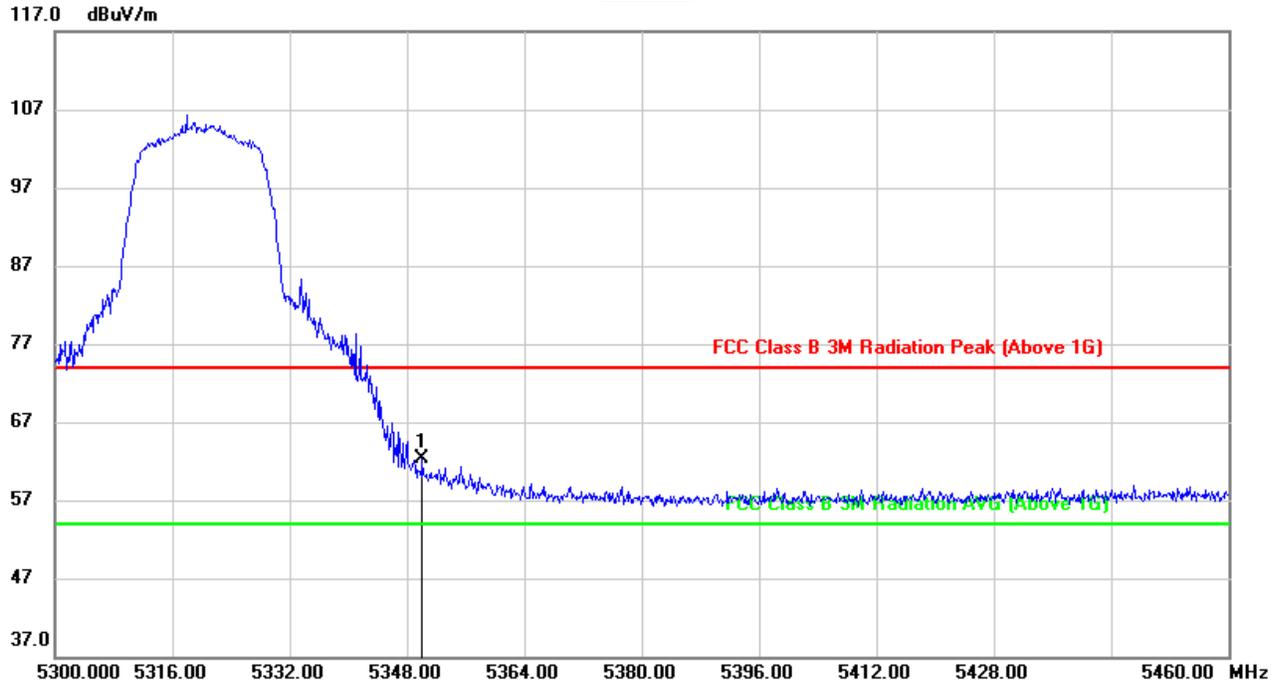


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	8.33	40.44	48.77	54.00	-5.23	AVG
2	5353.920	7.46	40.46	47.92	54.00	-6.08	AVG

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

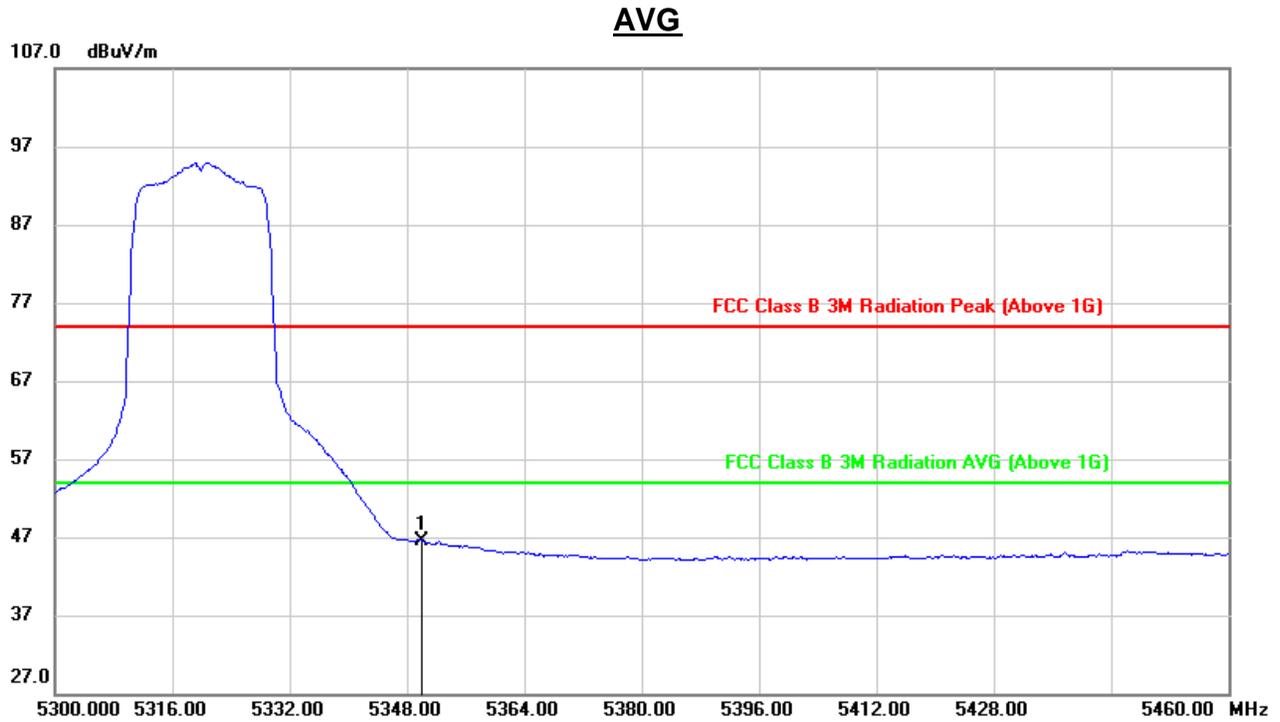


VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	21.77	40.54	62.31	74.00	-11.69	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.



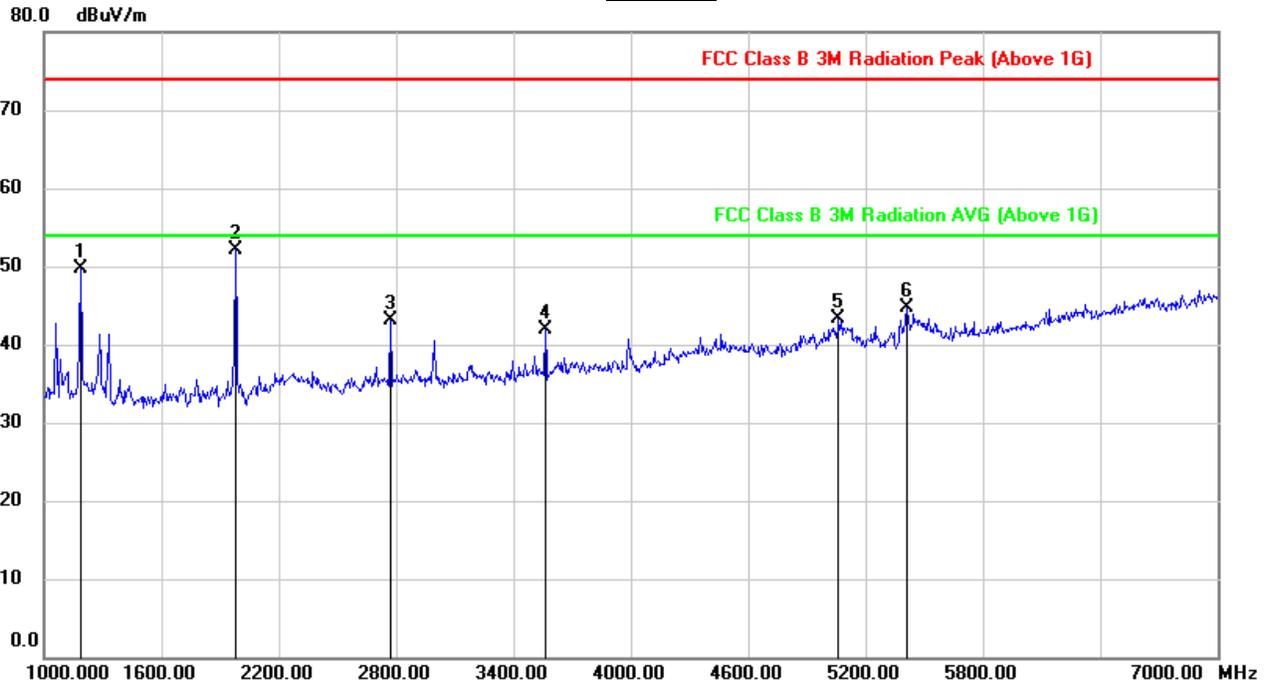
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	5.89	40.54	46.43	54.00	-7.57	AVG

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. AVG: $VBW=1/T_{on}$ where: t_{on} is transmit duration.
 3. For duty cycle, please refer to clause 6.1.
 4. 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
1-7GHz

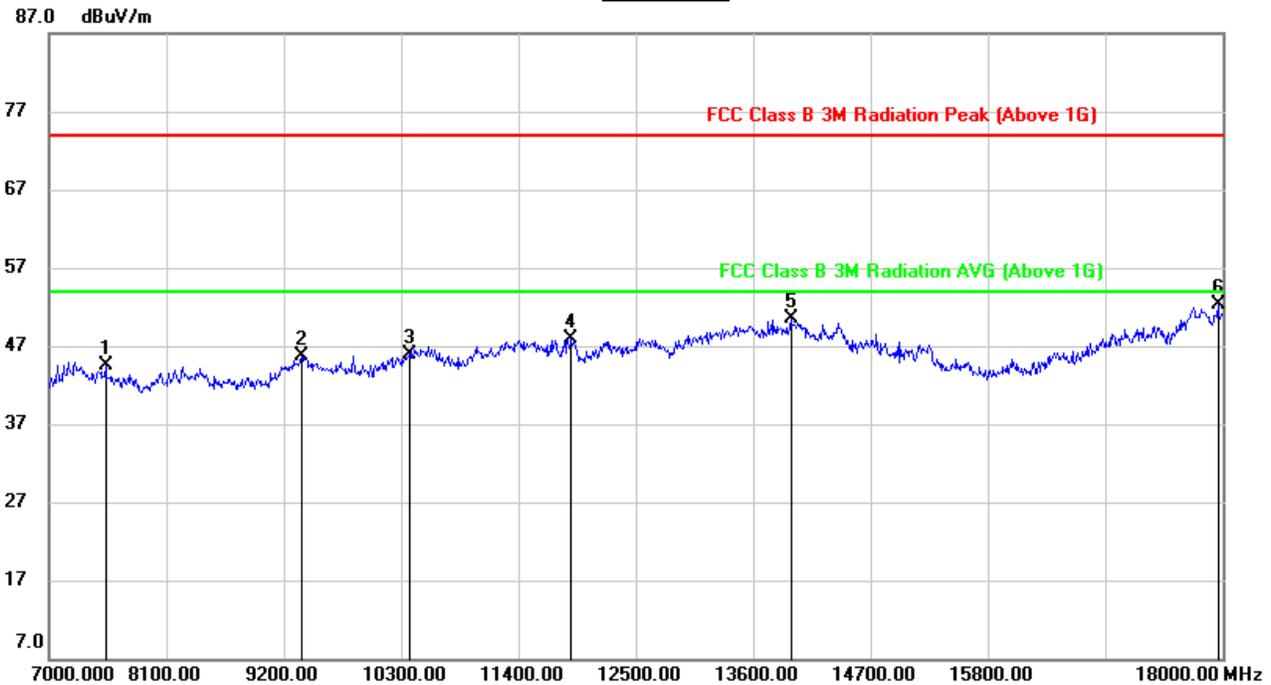


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1186.000	63.28	-13.50	49.78	74.00	-24.22	peak
2	1978.000	63.30	-11.26	52.04	74.00	-21.96	peak
3	2770.000	51.00	-7.85	43.15	74.00	-30.85	peak
4	3562.000	47.57	-5.74	41.83	74.00	-32.17	peak
5	5062.000	43.87	-0.65	43.22	74.00	-30.78	peak
6	5410.000	44.32	0.39	44.71	74.00	-29.29	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 46), so all the test point were deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS 7-18GHz

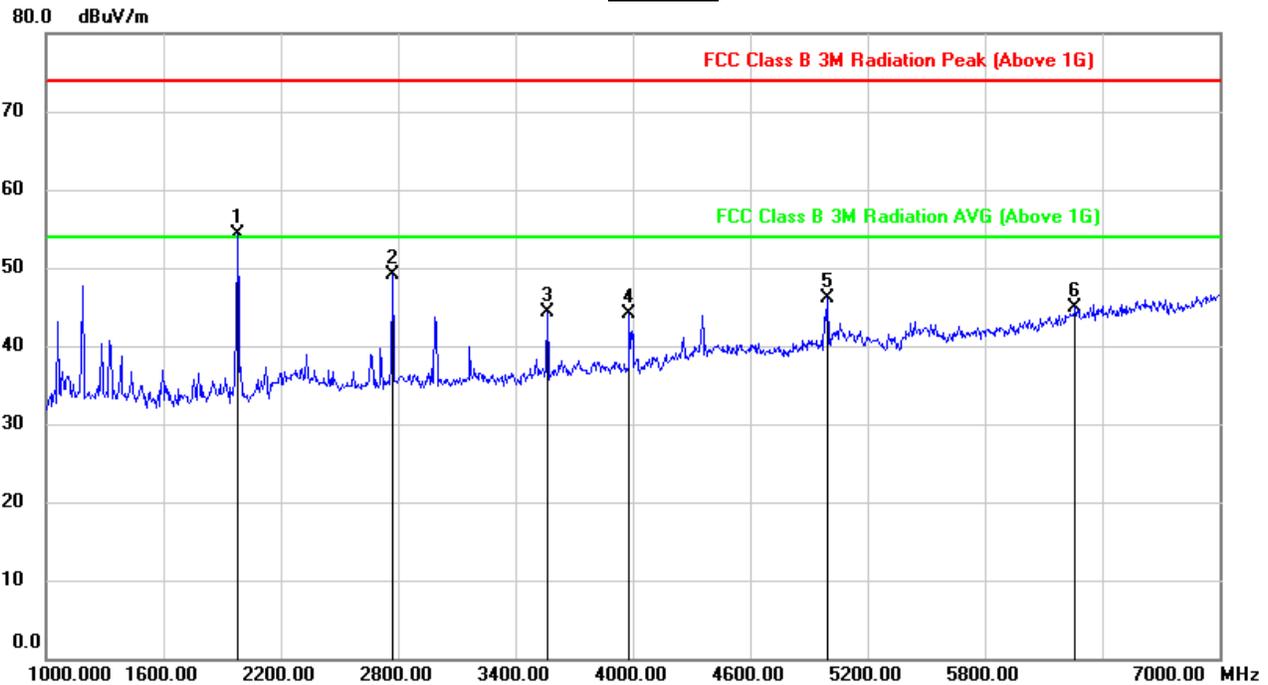


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7528.000	37.88	6.71	44.59	74.00	-29.41	peak
2	9365.000	36.32	9.44	45.76	74.00	-28.24	peak
3	10377.000	34.67	11.24	45.91	74.00	-28.09	peak
4	11895.000	32.82	15.15	47.97	74.00	-26.03	peak
5	13952.000	31.89	18.56	50.45	74.00	-23.55	peak
6	17956.000	27.49	24.80	52.29	74.00	-21.71	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 46), so all the test point were deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

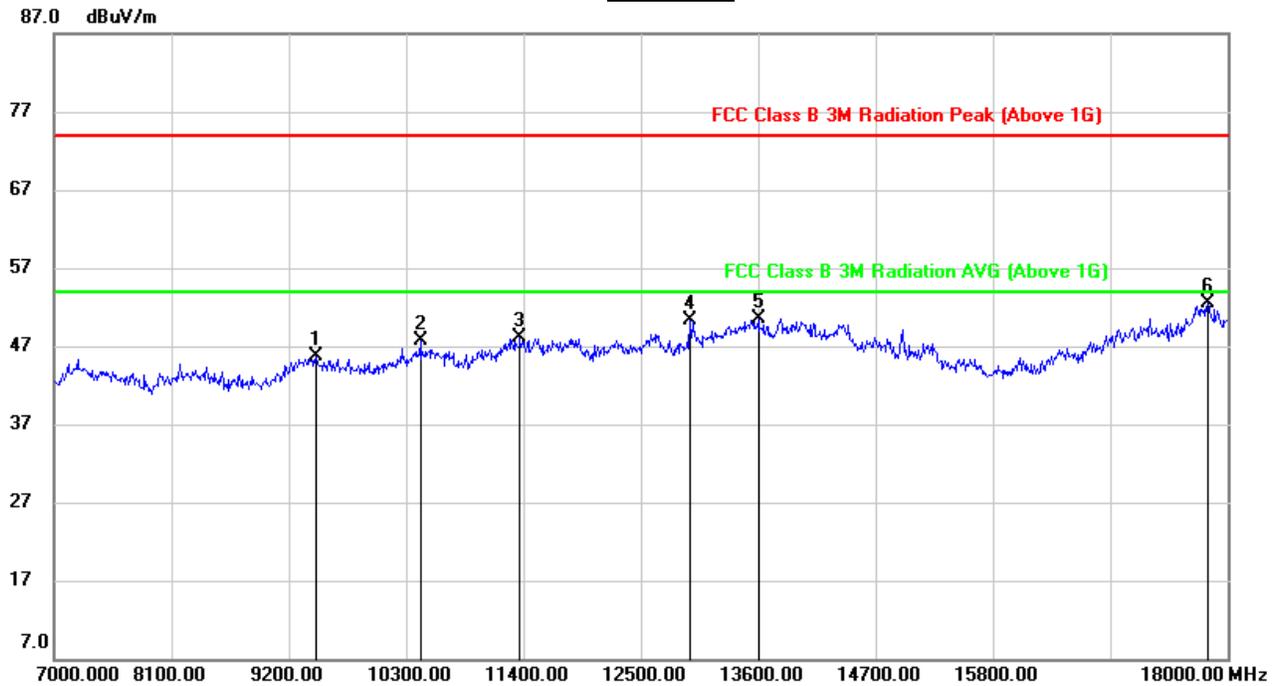


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1978.000	65.57	-11.31	54.26	74.00	-19.74	peak
2	2770.000	57.08	-7.91	49.17	74.00	-24.83	peak
3	3562.000	50.04	-5.71	44.33	74.00	-29.67	peak
4	3982.000	48.62	-4.54	44.08	74.00	-29.92	peak
5	4996.000	46.89	-0.78	46.11	74.00	-27.89	peak
6	6262.000	41.87	3.13	45.00	74.00	-29.00	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 46), so all the test point were deemed to comply with the limits list in the standard.



7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9453.000	36.00	9.68	45.68	74.00	-28.32	peak
2	10432.000	35.94	11.67	47.61	74.00	-26.39	peak
3	11367.000	34.54	13.64	48.18	74.00	-25.82	peak
4	12962.000	33.65	16.66	50.31	74.00	-23.69	peak
5	13600.000	32.08	18.34	50.42	74.00	-23.58	peak
6	17813.000	28.10	24.44	52.54	74.00	-21.46	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 46), so all the test point were deemed to comply with the limits list in the standard.