



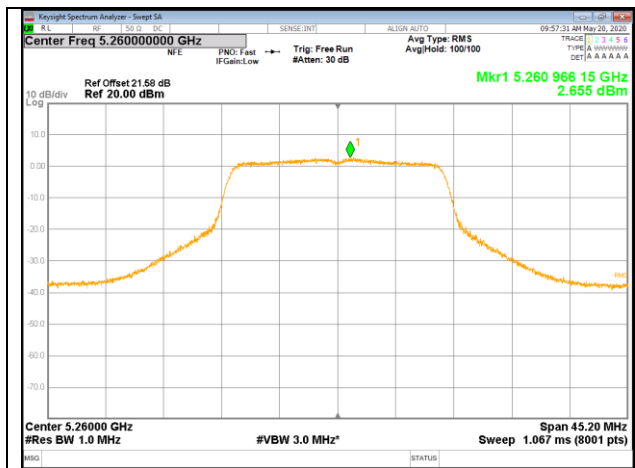
UNII-2A BAND

WORST CASE FOR ANT1

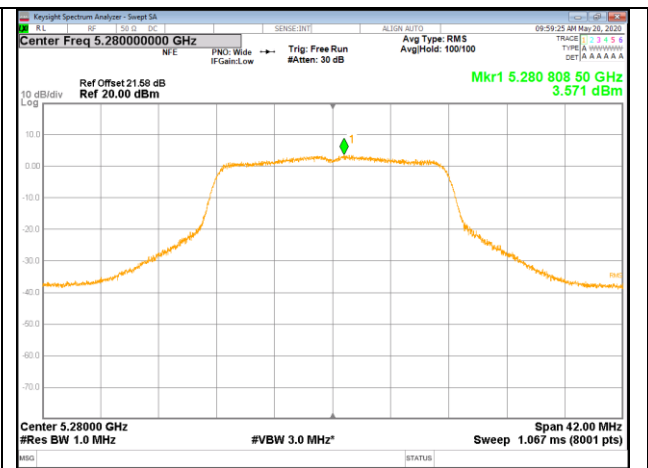
Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	Limit (dBm/MHz)
Low	5260	1	0.21	2.865	11
Mid	5300	1	0.21	3.781	
High	5320	1	0.21	3.789	

Note:

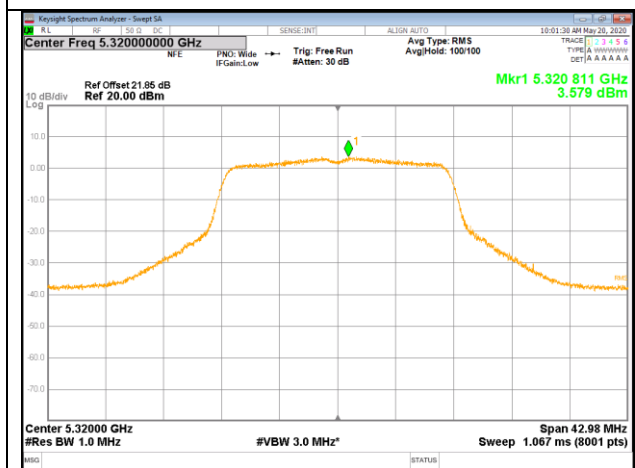
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



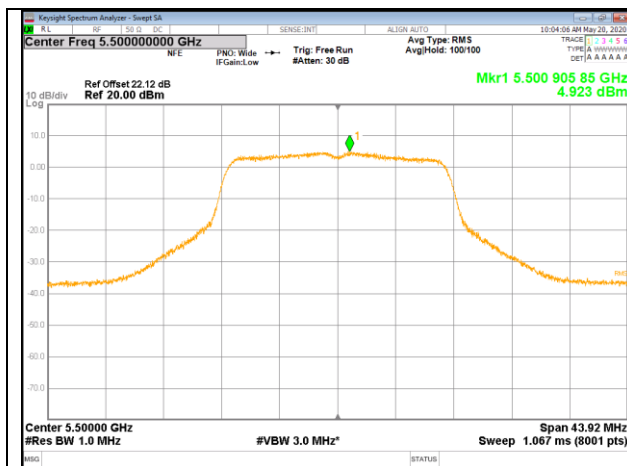
UNII-2C BAND

WORST CASE FOR ANT1

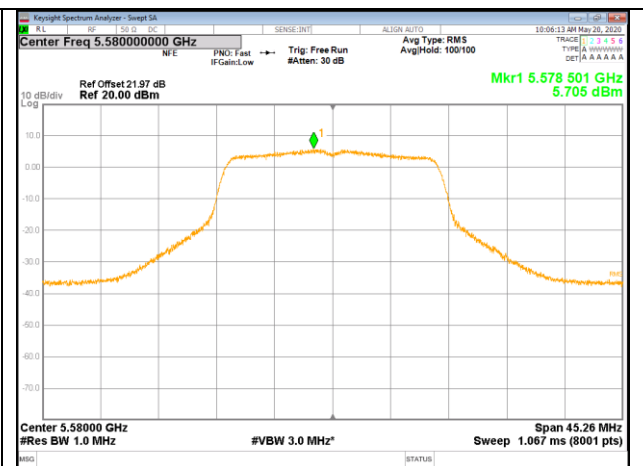
Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	Limit (dBm/MHz)
Low	5500	1	0.21	5.133	11
Mid	5580	1	0.21	5.915	
High	5700	1	0.21	5.820	

Note:

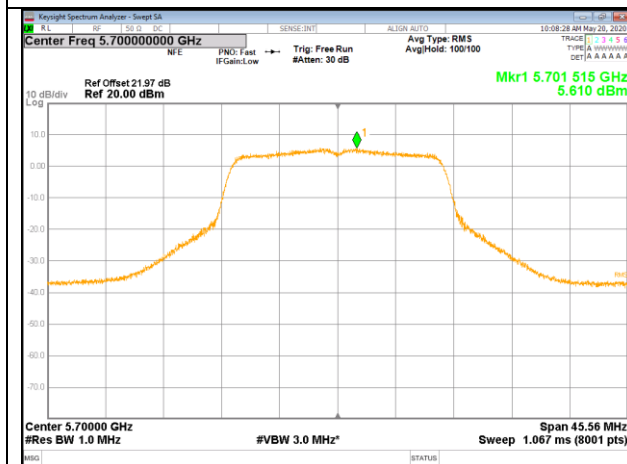
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



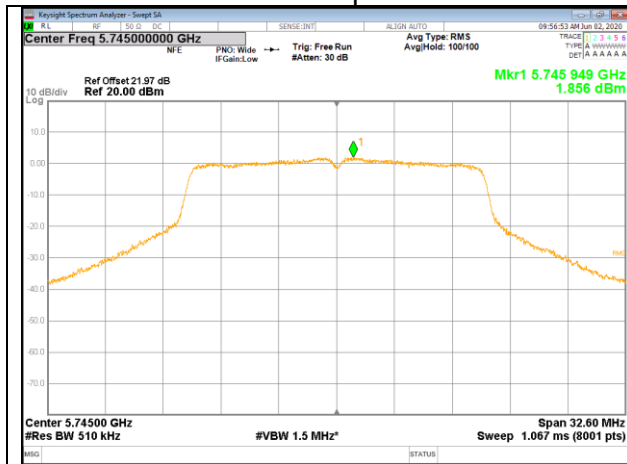
UNII-3 BAND

WORST CASE FOR ANT1

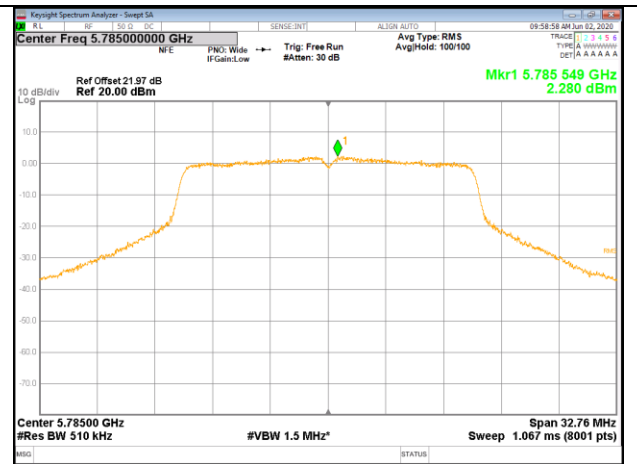
Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/500KHz)	Limit (dBm/500KHz)
Low	5745	1	0.21	2.066	30
Mid	5785	1	0.21	2.490	
High	5825	1	0.21	3.151	

Note:

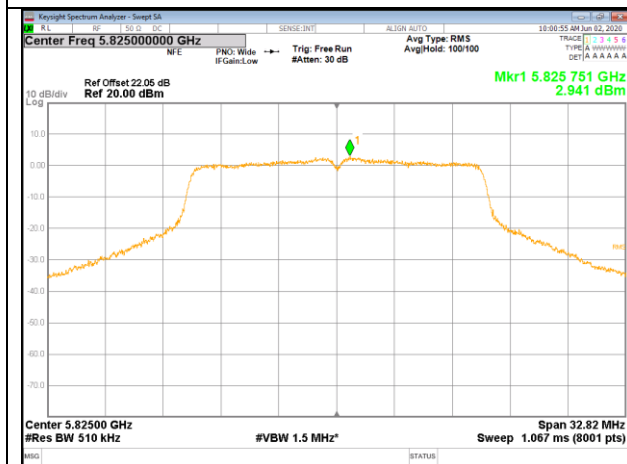
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.



7.4.2. 802.11ac VHT20 MODE

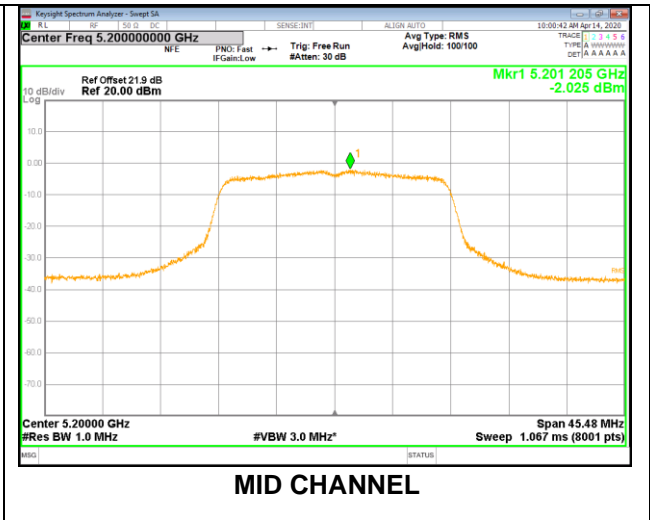
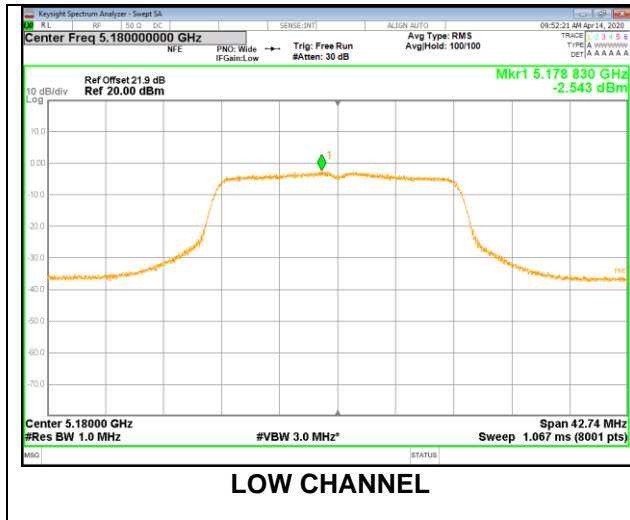
UNII-1 BAND

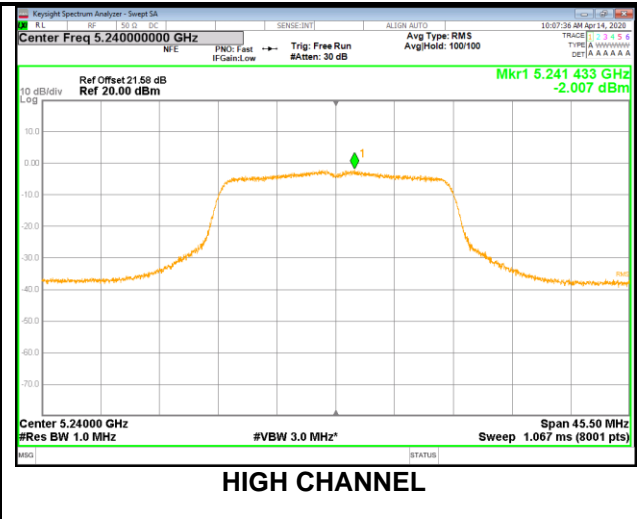
Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)	EIRP Result (dBm/MHz)	EIRP Limit (dBm/MHz)
Low	5180	1	0.22	-2.323	0.821	9.16	8.658	10
		2	0.22	-2.059				
Mid	5200	1	0.22	-1.805	1.007		8.843	
		2	0.22	-2.212				
High	5240	1	0.22	-1.787	1.062		8.898	
		2	0.22	-2.116				

Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

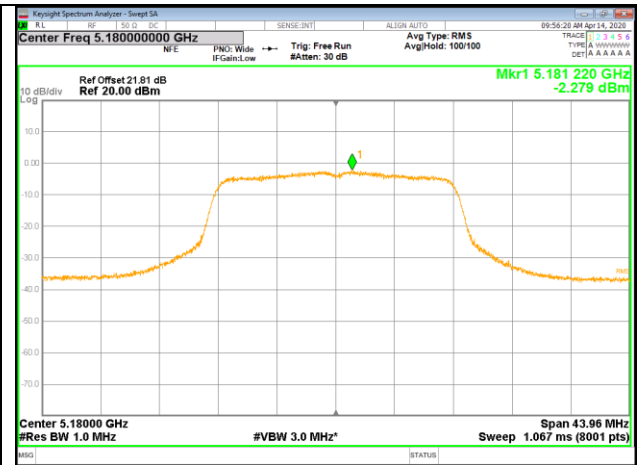
ANT 1



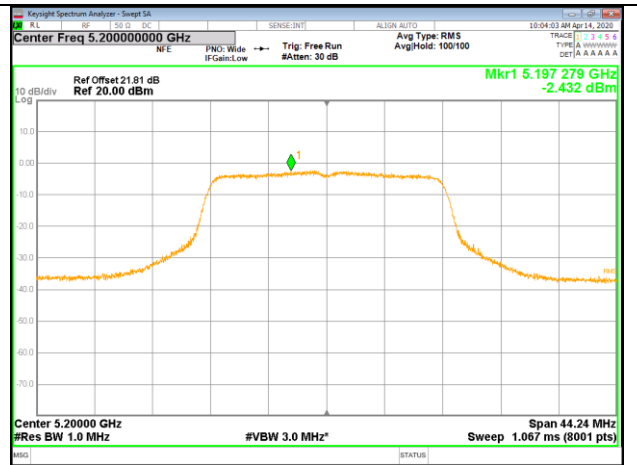


HIGH CHANNEL

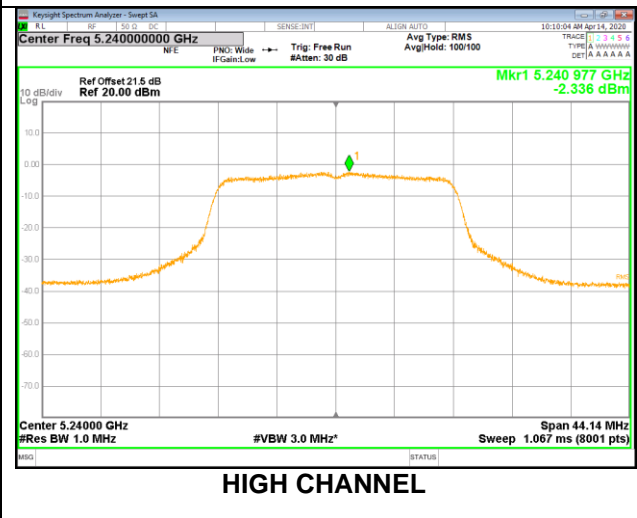
ANT 2



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



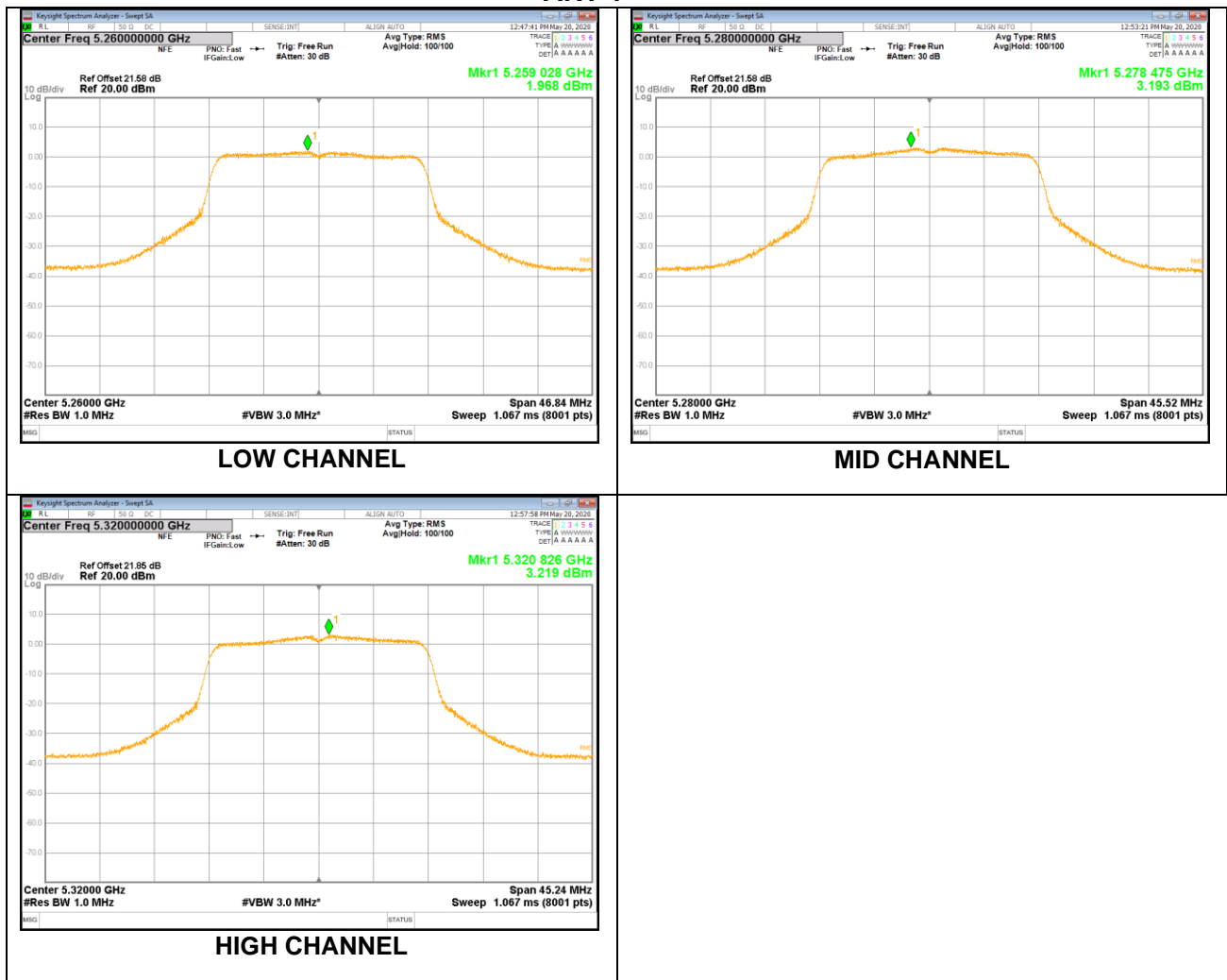
UNII-2A BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Low	5260	1	0.22	2.188	5.530	9.10
		2	0.22	2.827		
Mid	5280	1	0.22	3.413	6.488	
		2	0.22	3.541		
High	5320	1	0.22	3.439	6.502	
		2	0.22	3.543		

Note:

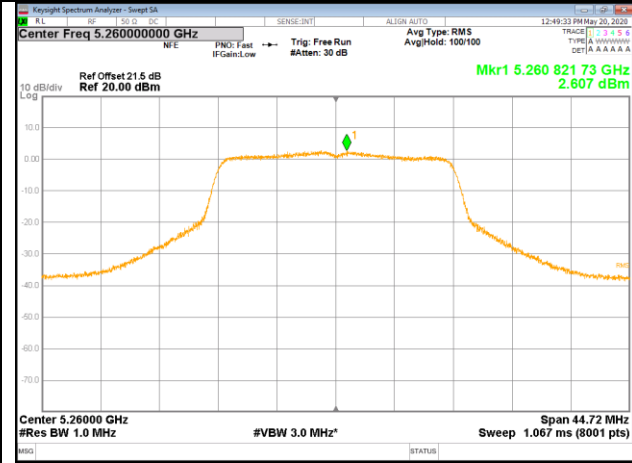
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1

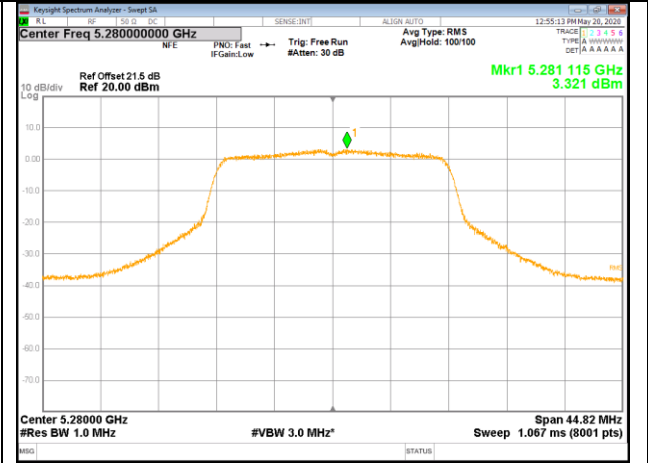




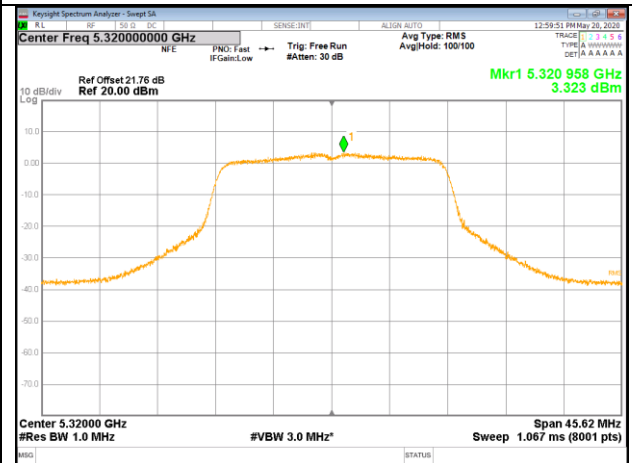
ANT 2



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



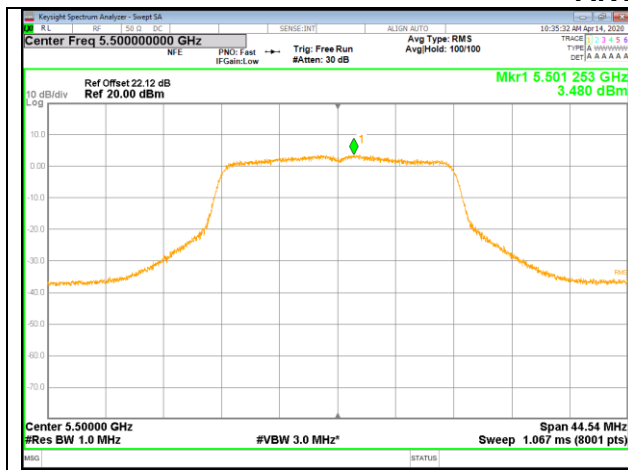
UNII-2C BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Low	5500	1	0.22	3.700	6.530	9.51
		2	0.22	3.332		
Mid	5580	1	0.22	3.564	6.526	
		2	0.22	3.466		
High	5700	1	0.22	3.422	6.366	
		2	0.22	3.289		

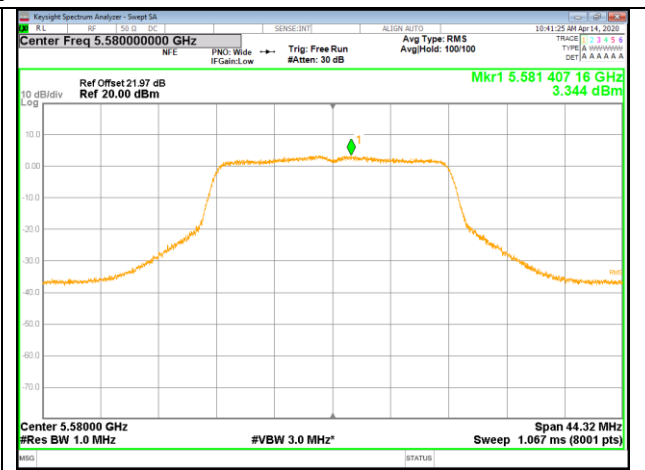
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

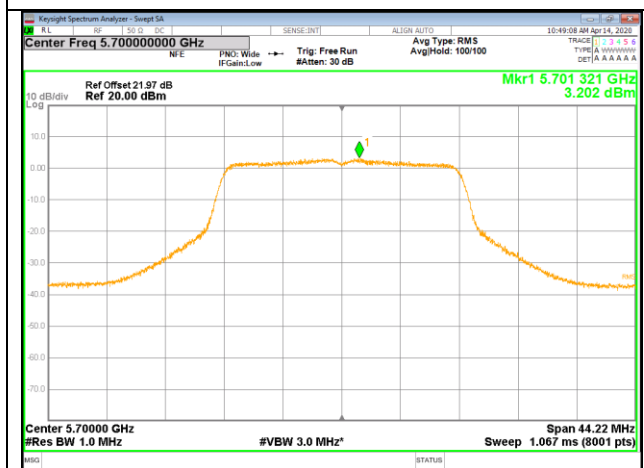
ANT 1



LOW CHANNEL



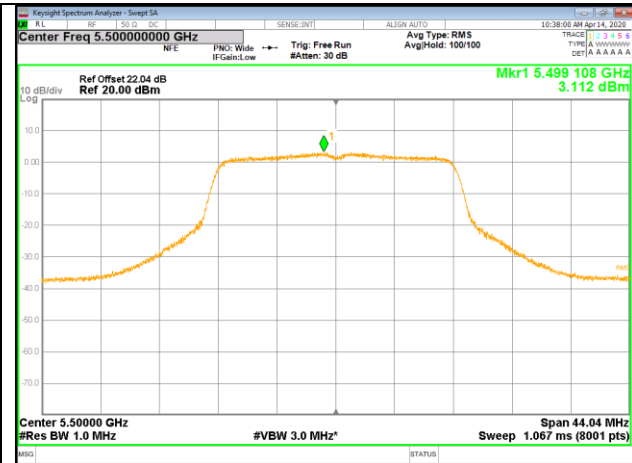
MID CHANNEL



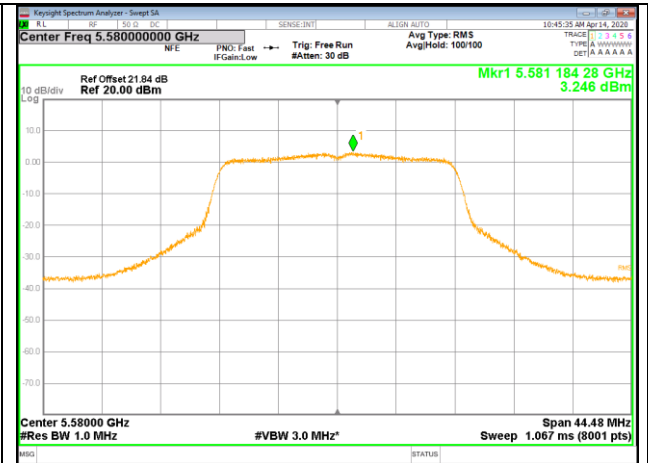
HIGH CHANNEL



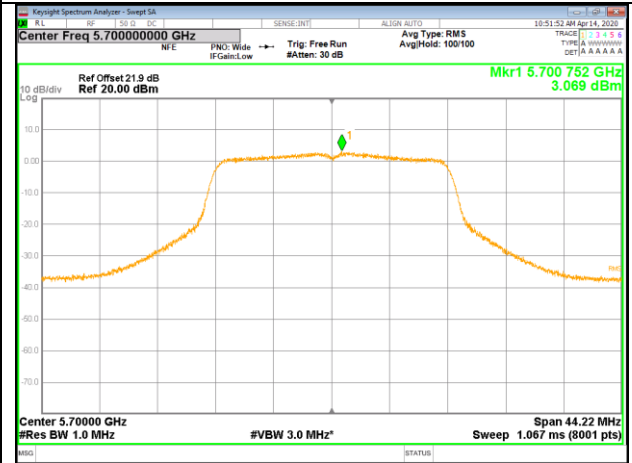
ANT 2



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



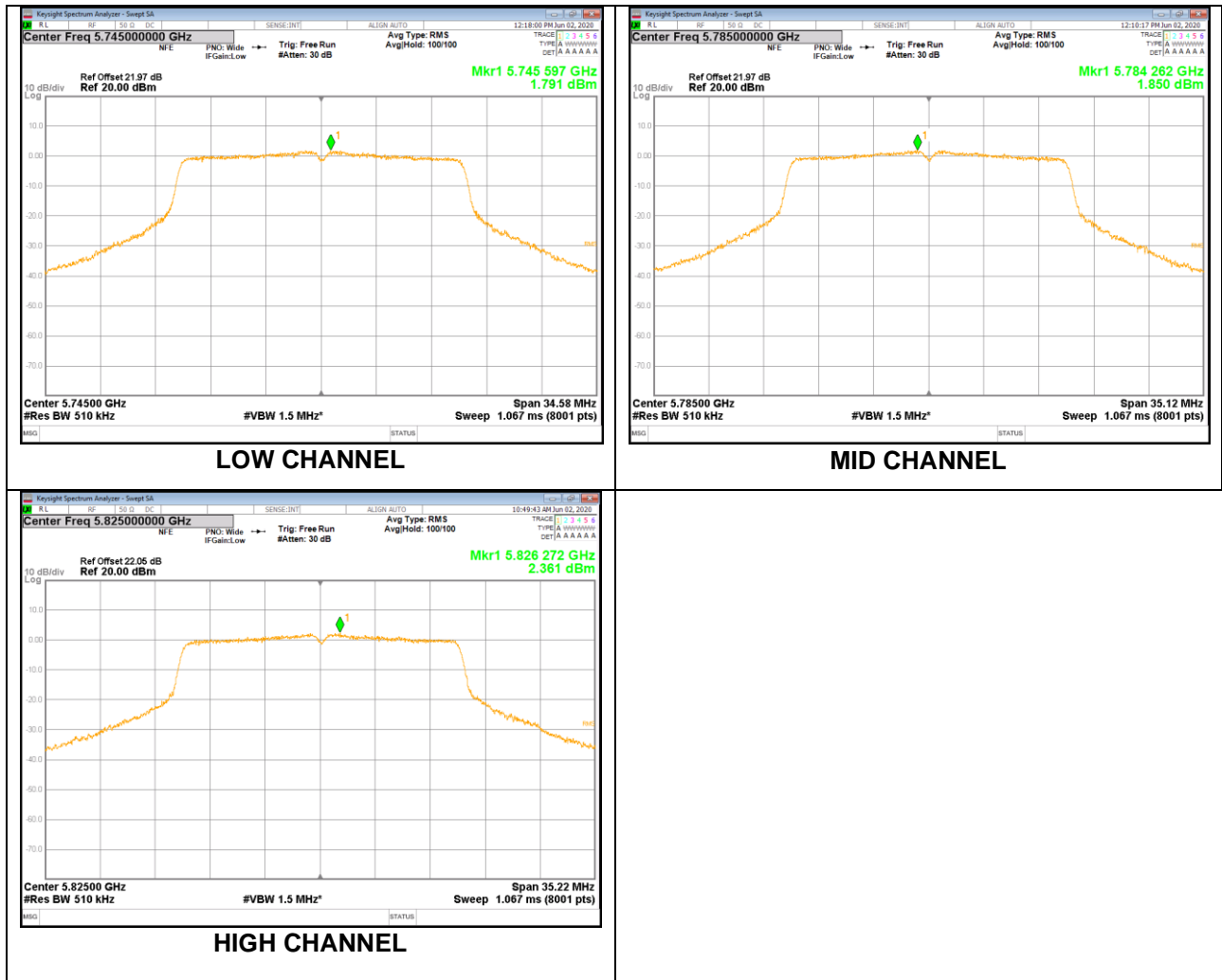
UNII-3 BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/500K Hz)	PSD Result (dBm/500KHz) Total	Limit (dBm/500 KHz)
Lo	5745	1	0.22	2.011	4.973	28.62
		2	0.22	1.913		
Mid	5785	1	0.22	2.070	5.234	
		2	0.22	2.373		
High	5825	1	0.22	2.581	5.425	
		2	0.22	2.242		

Note:

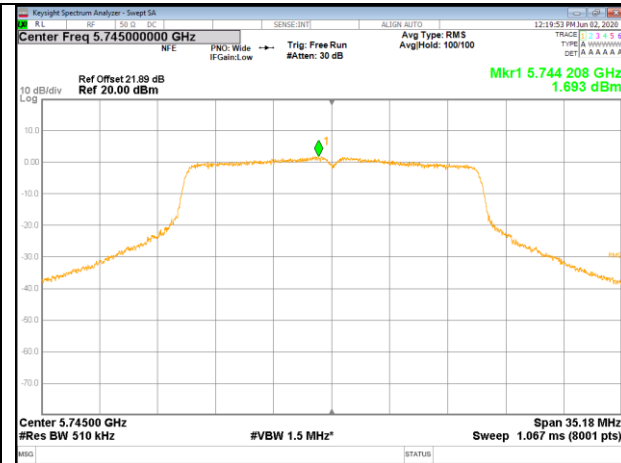
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1

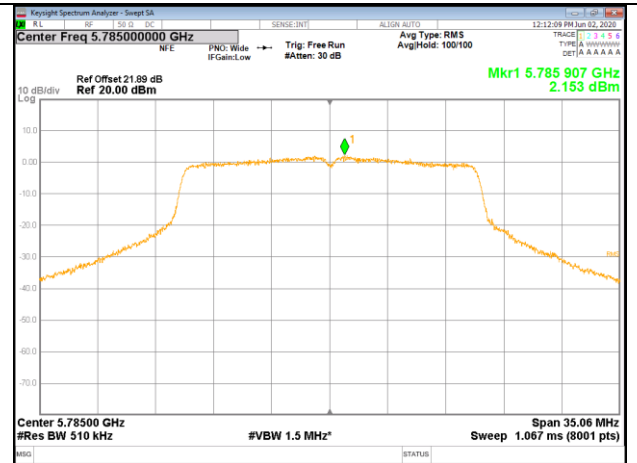




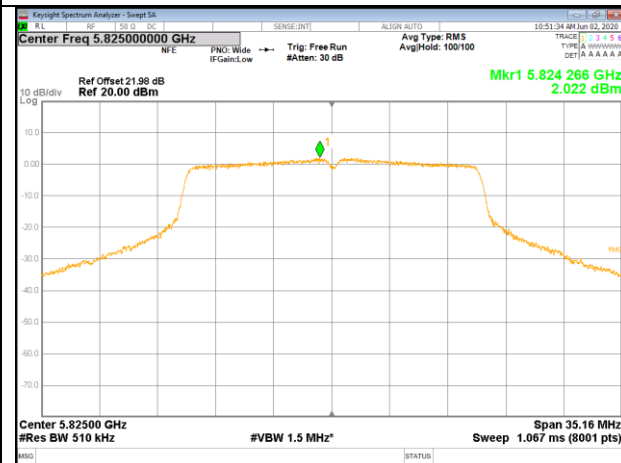
ANT 2



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL

Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.



7.4.3. 802.11ac VHT40 MODE

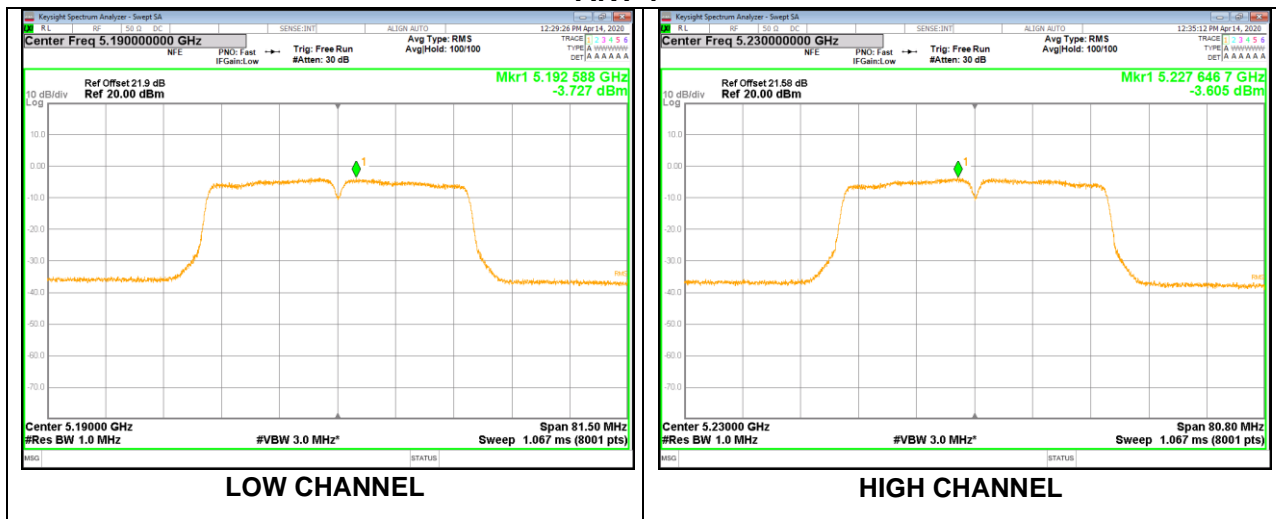
UNII-1 BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)	EIRP Result (dBm/MHz)	EIRP Limit (dBm/MHz)
Low	5190	1	0.37	-3.357	0.088	9.16	7.925	10
		2	0.37	-2.527				
High	5230	1	0.37	-3.235	0.239			
		2	0.37	-2.353				

Note:

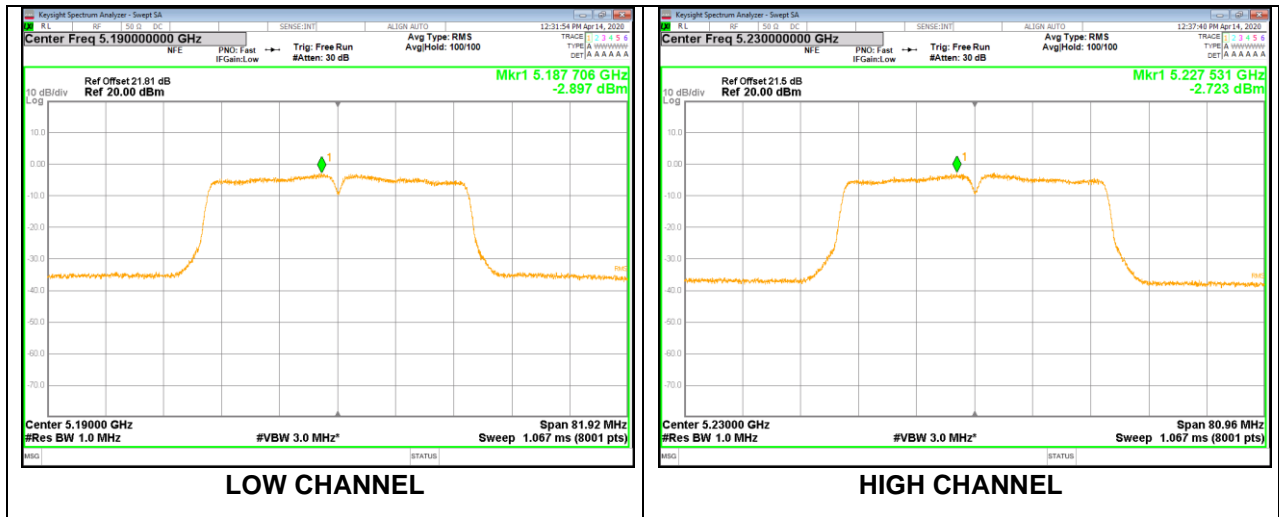
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1





ANT 2





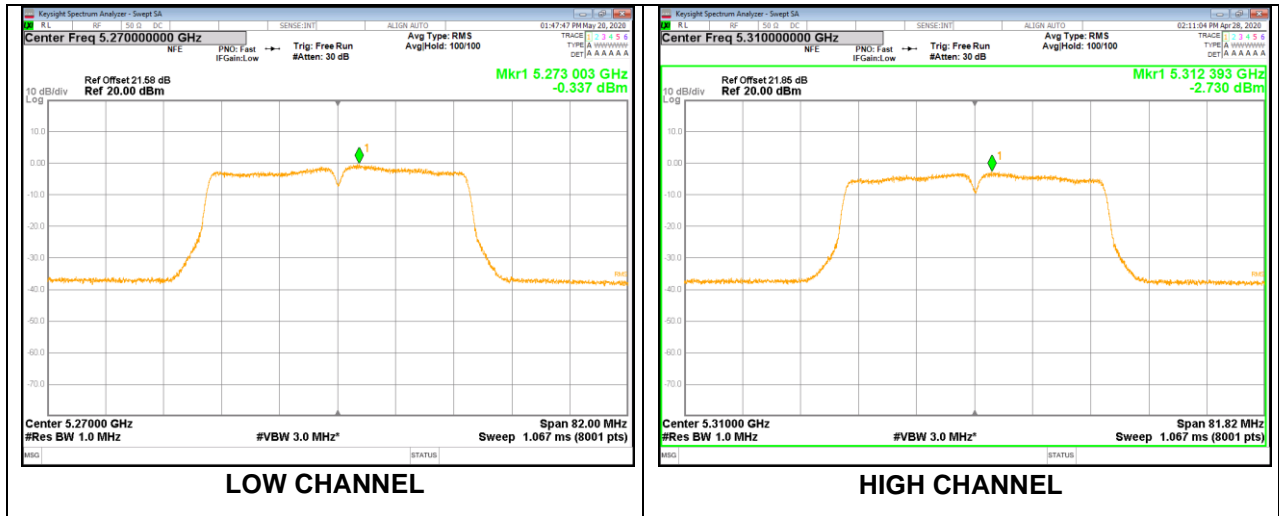
UNII-2A BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Low	5270	1	0.37	0.033	2.948	9.10
		2	0.37	-0.159		
High	5310	1	0.37	-2.360	0.503	
		2	0.37	0.503		

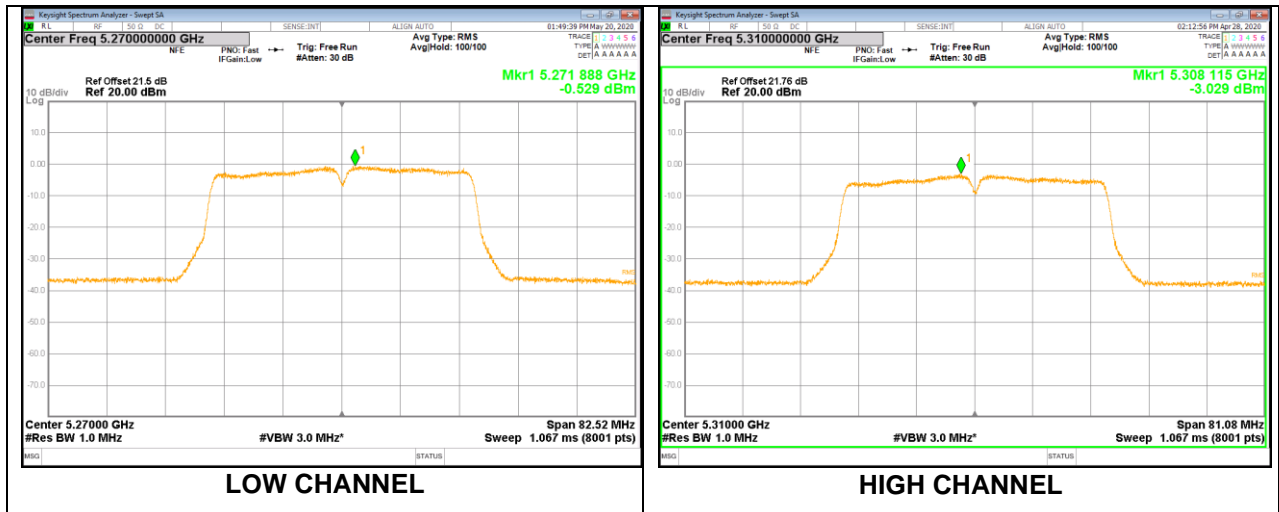
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



ANT 2





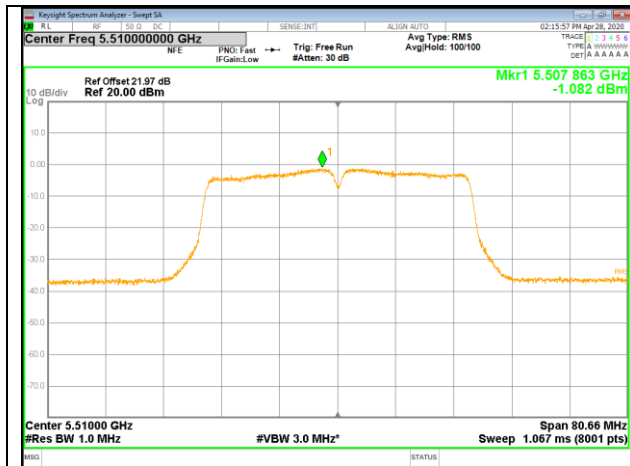
UNII-2C BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Low	5510	1	0.37	-0.712	2.244	9.51
		2	0.37	-0.822		
Mid	5550	1	0.37	2.096	4.922	
		2	0.37	1.719		
High	5670	1	0.37	3.279	6.072	
		2	0.37	2.832		

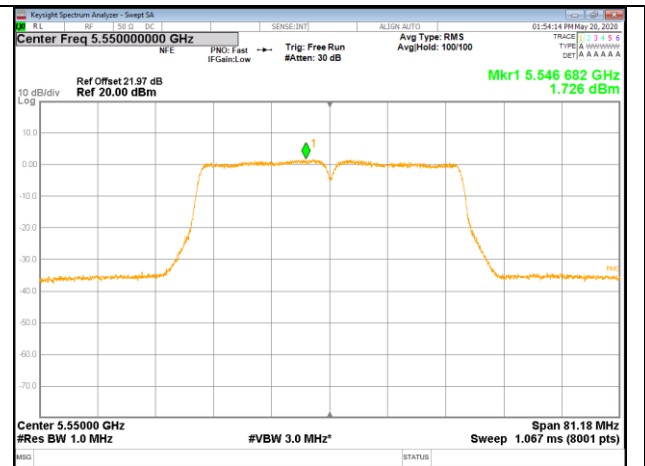
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

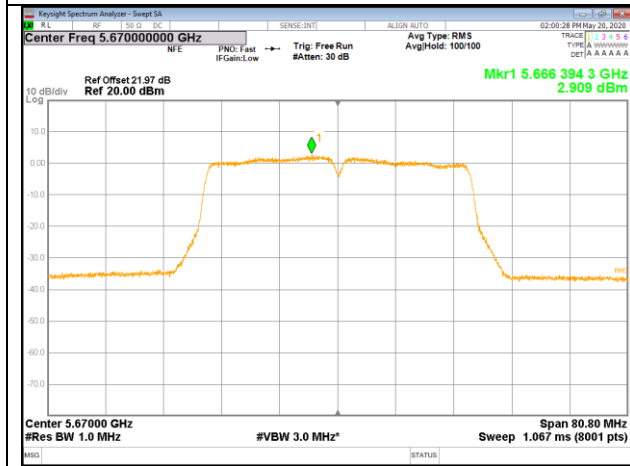
ANT 1



LOW CHANNEL



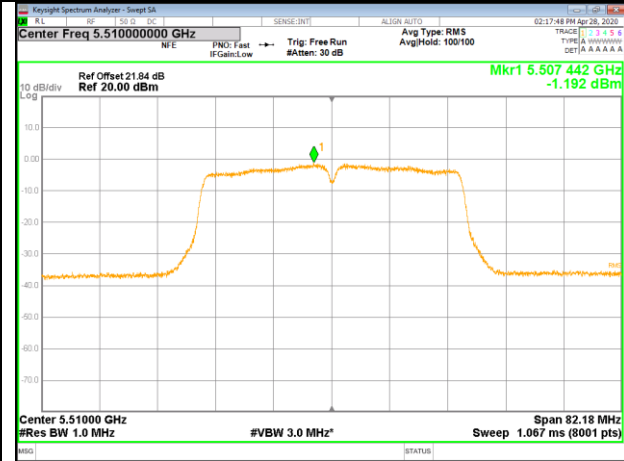
MID CHANNEL



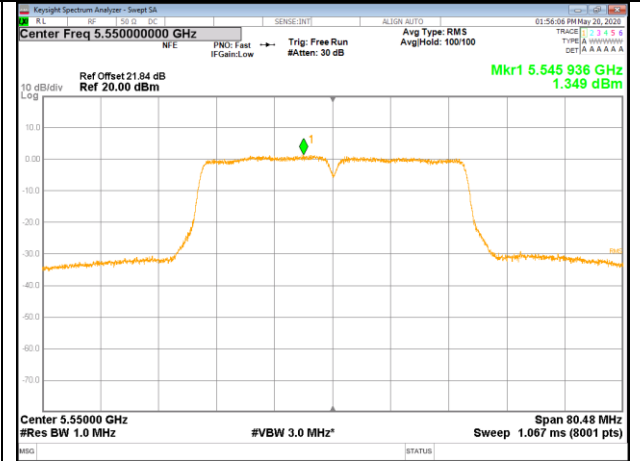
HIGH CHANNEL



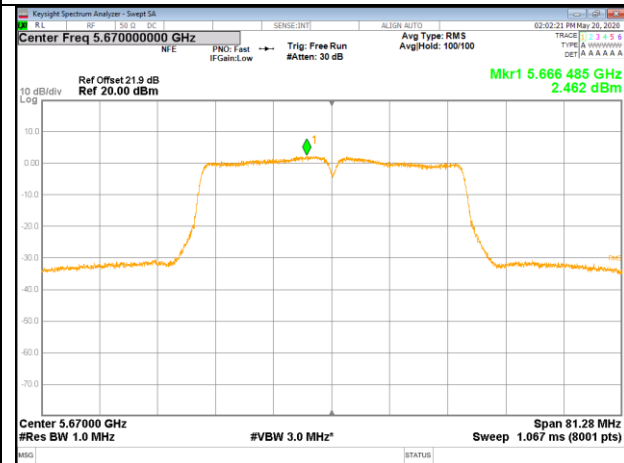
ANT 2



LOW CHANNEL



MID CHANNEL



HIGH CHANNEL



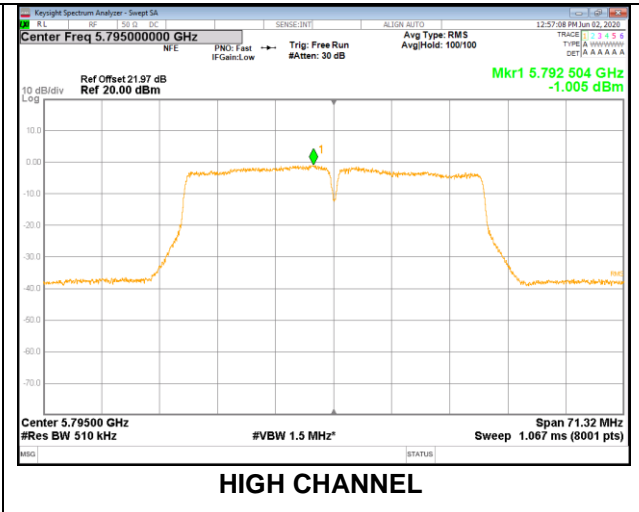
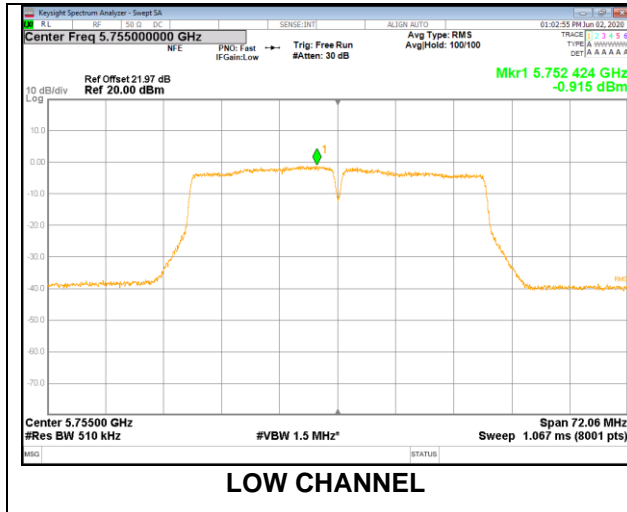
UNII-3 BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/500K Hz)	PSD Result (dBm/500KHz) Total	Limit (dBm/500 KHz)
Low	5755	1	0.37	-0.545	2.106	28.62
		2	0.37	-1.297		
High	5795	1	0.37	-0.635	2.392	
		2	0.37	-0.602		

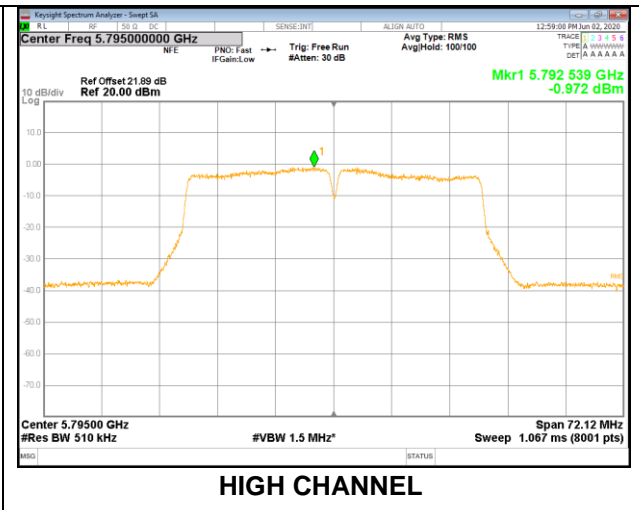
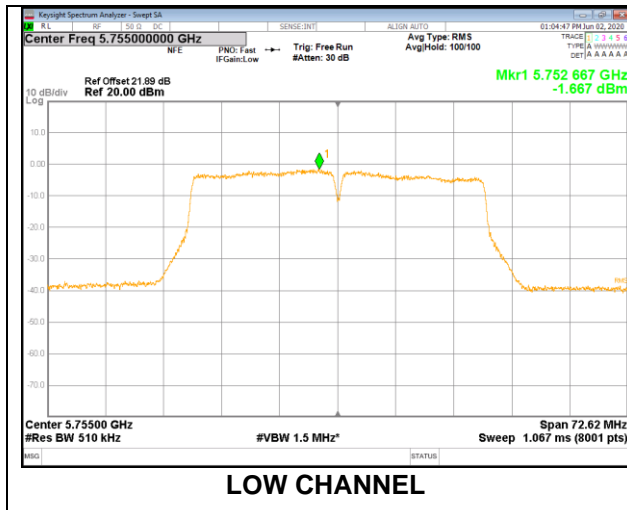
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



ANT 2



Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.



7.4.4. 802.11ac VHT80 MODE

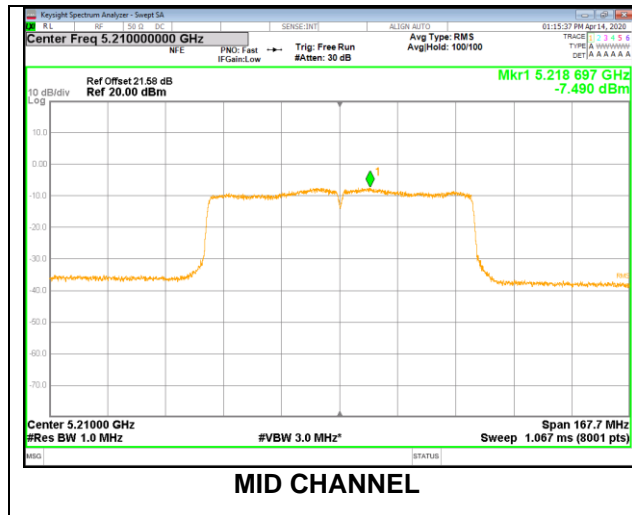
UNII-1 BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)	EIRP Result (dBm/MHz)	EIRP Limit (dBm/MHz)
Mid	5210	1	0.82	-6.670	-3.193	9.16	4.643	10
		2	0.82	-5.782				

Note:

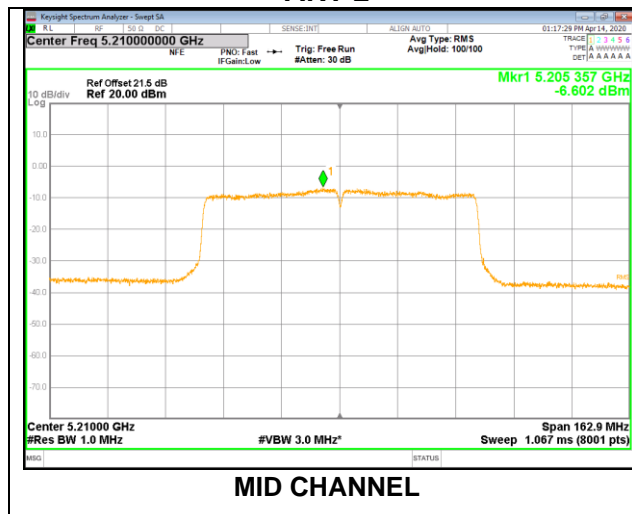
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



MID CHANNEL

ANT 2



MID CHANNEL



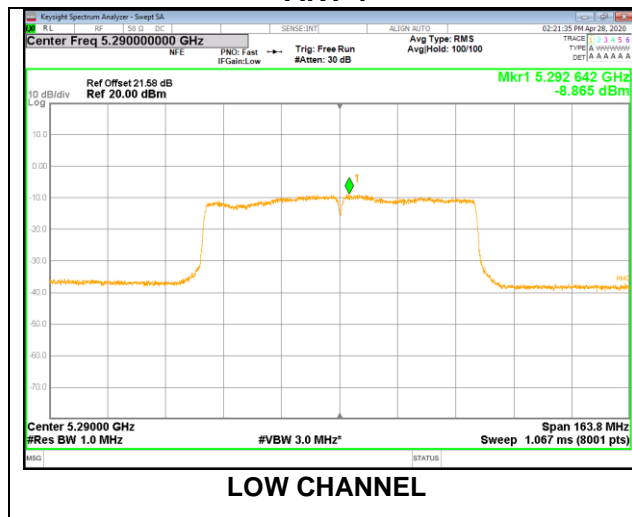
UNII-2A BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Mid	5290	1	0.82	-8.045	-5.050	9.10
		2	0.82	-8.075		

Note:

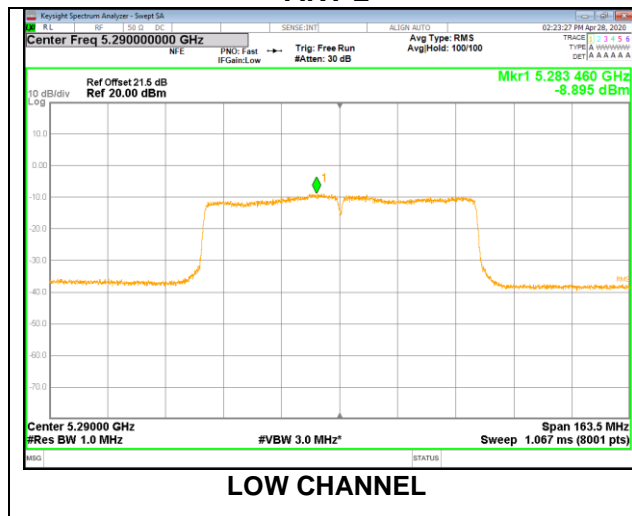
1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



LOW CHANNEL

ANT 2



LOW CHANNEL



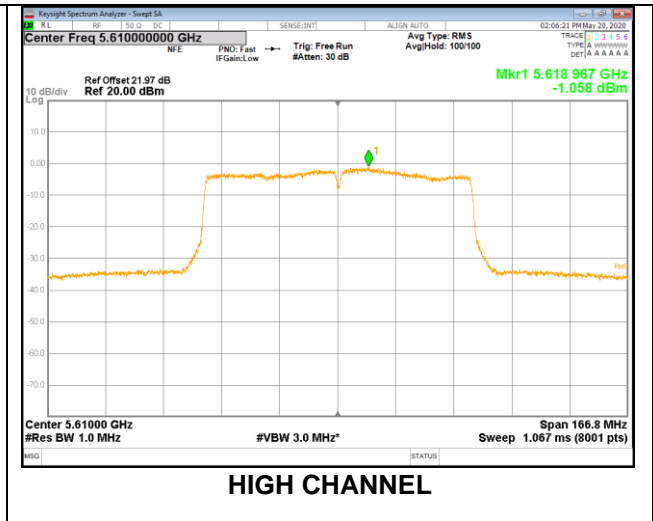
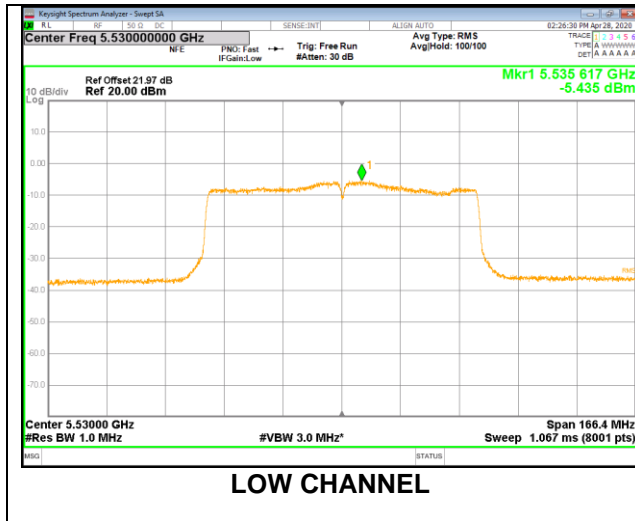
UNII-2C BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/MHz)	PSD Result (dBm/MHz) Total	FCC Limit (dBm/MHz)
Low	5530	1	0.82	-4.615	-1.662	9.51
		2	0.82	-4.730		
High	5610	1	0.82	-0.238	2.998	
		2	0.82	0.203		

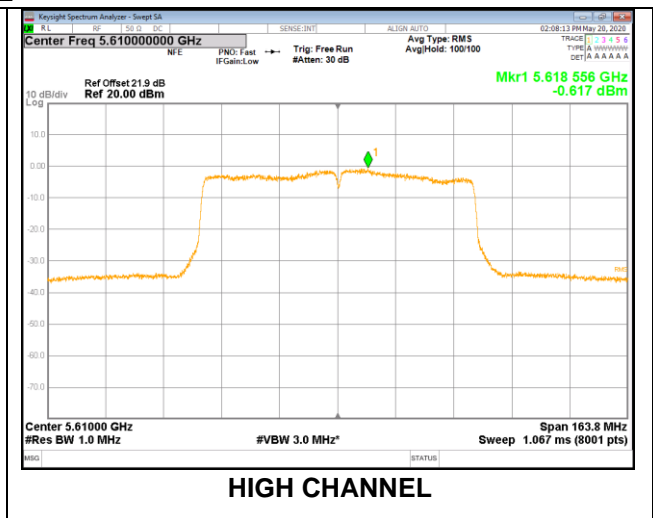
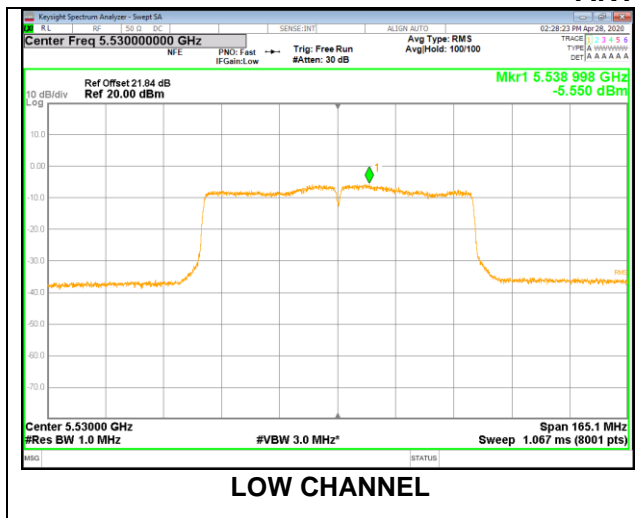
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



ANT 2





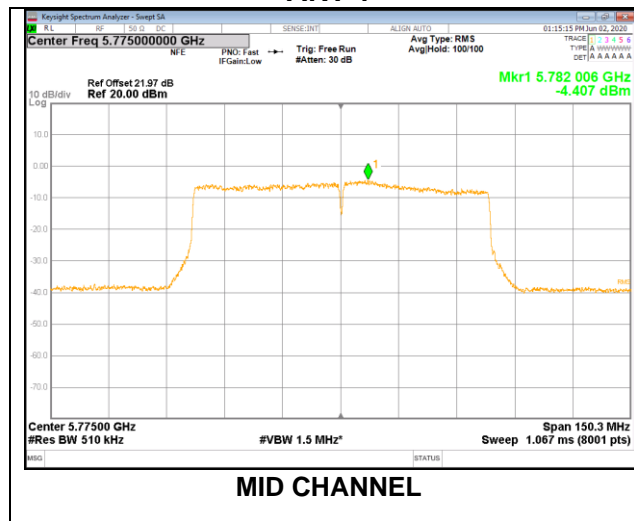
UNII-3 BAND

Test Channel	Frequency (MHz)	ANT	DCCF (dB)	PSD Result (dBm/500K Hz)	PSD Result (dBm/500KHz) Total	Limit (dBm/500 KHz)
Mid	5775	1	0.82	-3.587	-0.605	28.62
		2	0.82	-3.644		

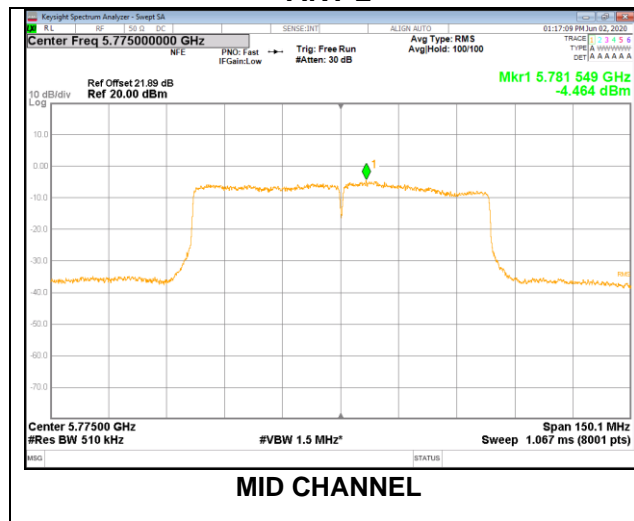
Note:

1. For test plots, it does not include the duty cycle correction factor.
2. PSD result=Test plots result+ Correction Factor
3. The PSD test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1.

ANT 1



ANT 2



Note: All the modes and antenna ports had been tested, only the worst data recorded in the report.



8. RADIATED TEST RESULTS

LIMITS

Please refer to CFR 47 FCC §15.205, §15.209 and §15.407(b) (4)

Please refer to ISED RSS-GEN Clause 8.9

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.



ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz		
Frequency	Magnetic field strength (H-Field) (μA/m)	Measurement distance (m)
9 - 490 kHz ^{Note 1}	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

Note 1: The emission limits for the ranges 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector.

IC Restricted bands please refer to ISED RSS-GEN Clause 8.10.
FCC Restricted bands please refer to CFR 47 FCC 15.209.

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

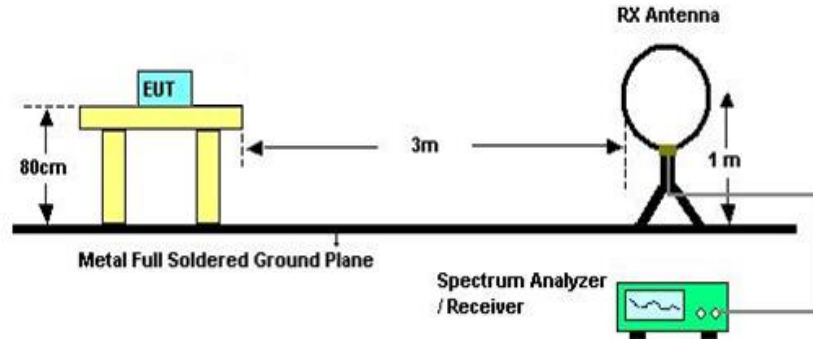
Limits of unwanted emission out of the restricted bands

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1GHz)		
Frequency Range (MHz)	EIRP Limit	Field Strength Limit (dBuV/m) at 3 m
5150~5250 MHz	PK:-27 (dBm/MHz)	PK:68.2(dBμV/m)
5250~5350 MHz		
5470~5725 MHz		
5725~5850 MHz	PK:-27 (dBm/MHz) *1 PK:10 (dBm/MHz) *2 PK:15.6 (dBm/MHz) *3 PK:27 (dBm/MHz) *4	PK: 68.2(dBμV/m) *1 PK:105.2 (dBμV/m) *2 PK: 110.8(dBμV/m) *3 PK:122.2 (dBμV/m) *4

Note:
*1 beyond 75 MHz or more above of the band edge.
*2 below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above.
*3 below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above.
*4 from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

TEST SETUP AND PROCEDURE

Below 30MHz

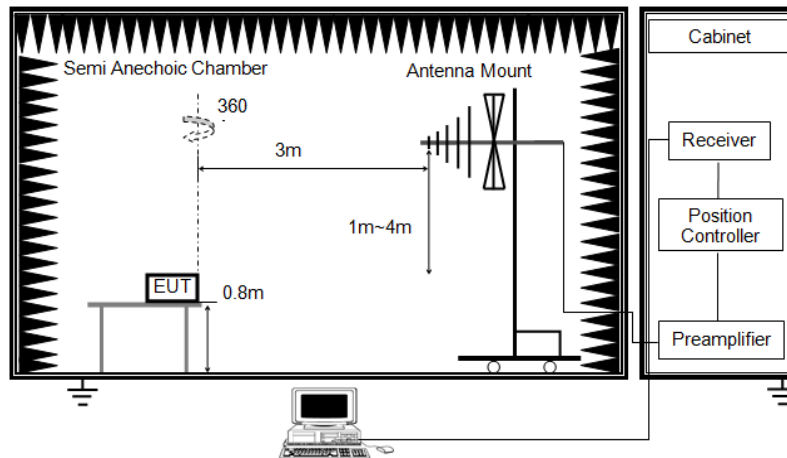


The setting of the spectrum analyser

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

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

Below 1G

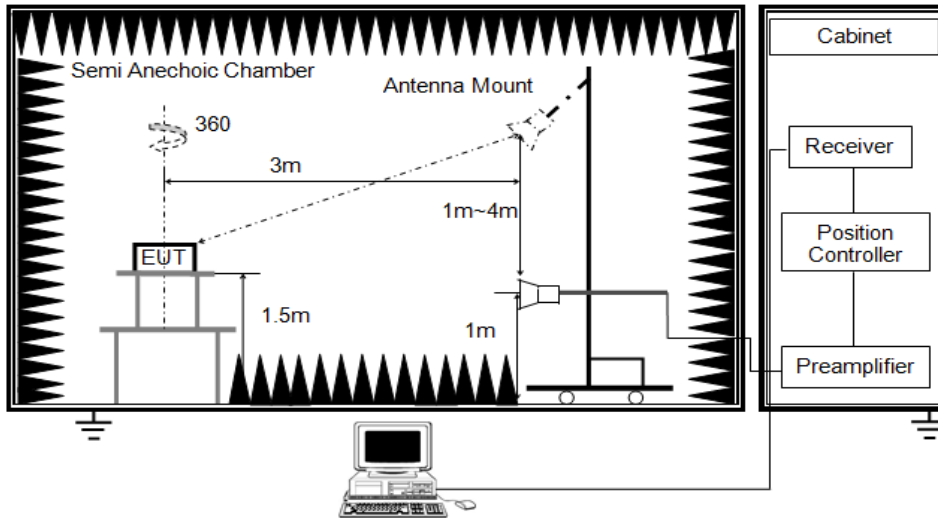


The setting of the spectrum analyser

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

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

Above 1G

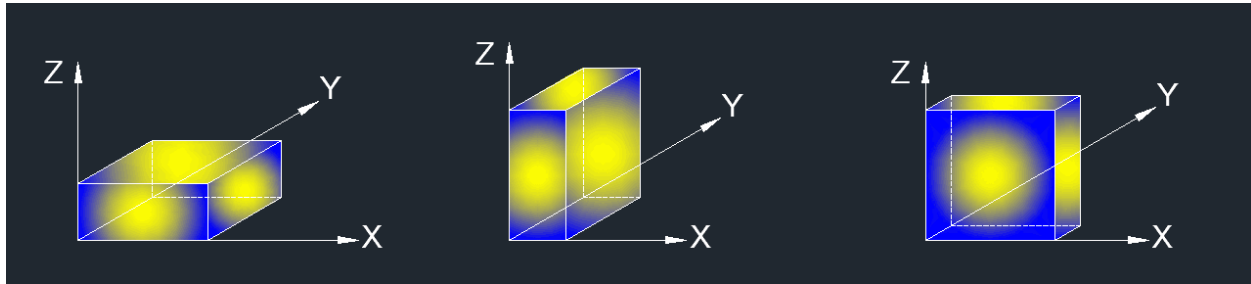


The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
3. The EUT was placed on a turntable with 1.5m above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. For measurement above 1GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.
6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

Note 2: The EUT does not support simultaneous transmission.

TEST ENVIRONMENT

Temperature	24.2°C	Relative Humidity	62%
Atmosphere Pressure	101kPa	Test Voltage	DC7.2V

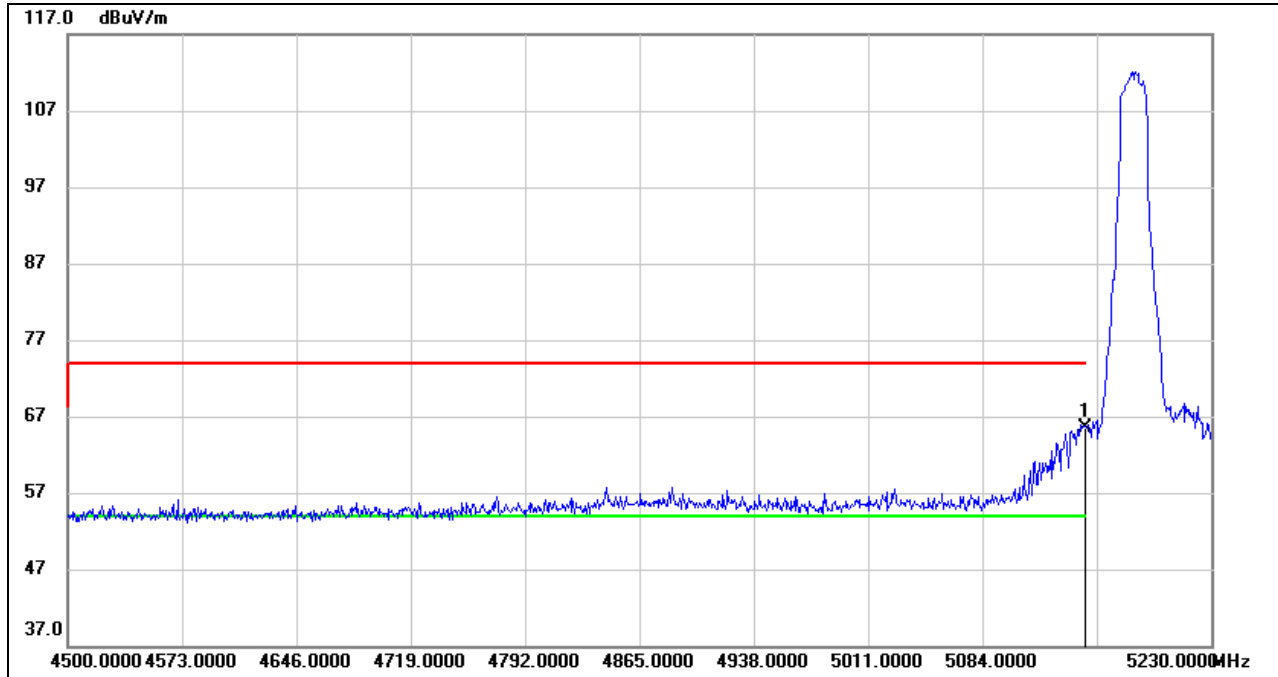


8.1. 802.11a 20 MODE

8.1.1. UNII-1 BAND WORST CASE FOR ANT1

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS PEAK

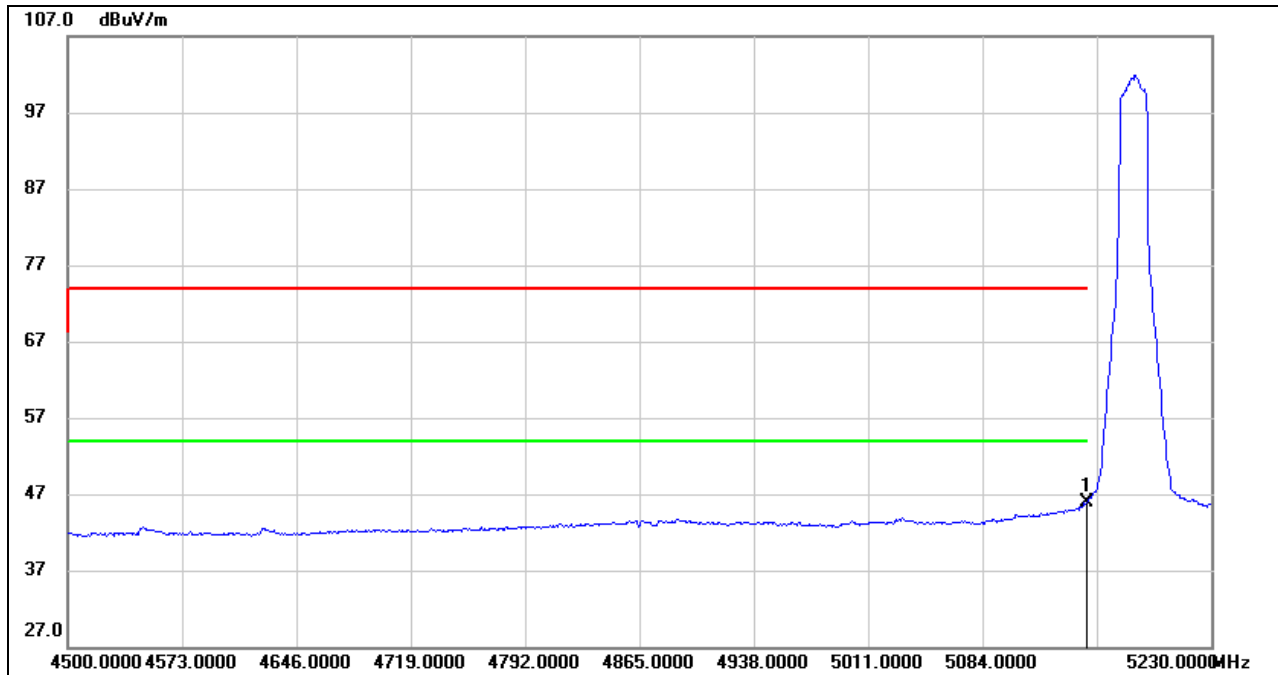


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	25.04	40.46	65.50	74.00	-8.50	peak

- 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

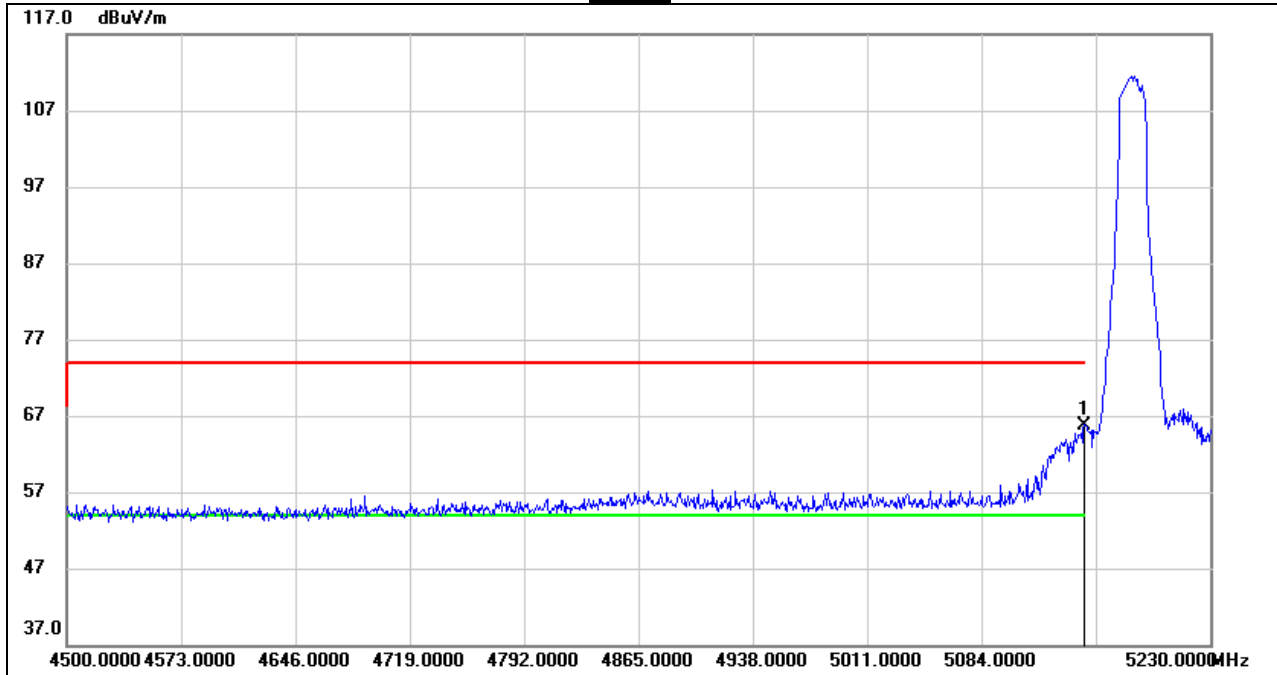


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	5.48	40.46	45.94	54.00	-8.06	AVG

- 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 7.1.
 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

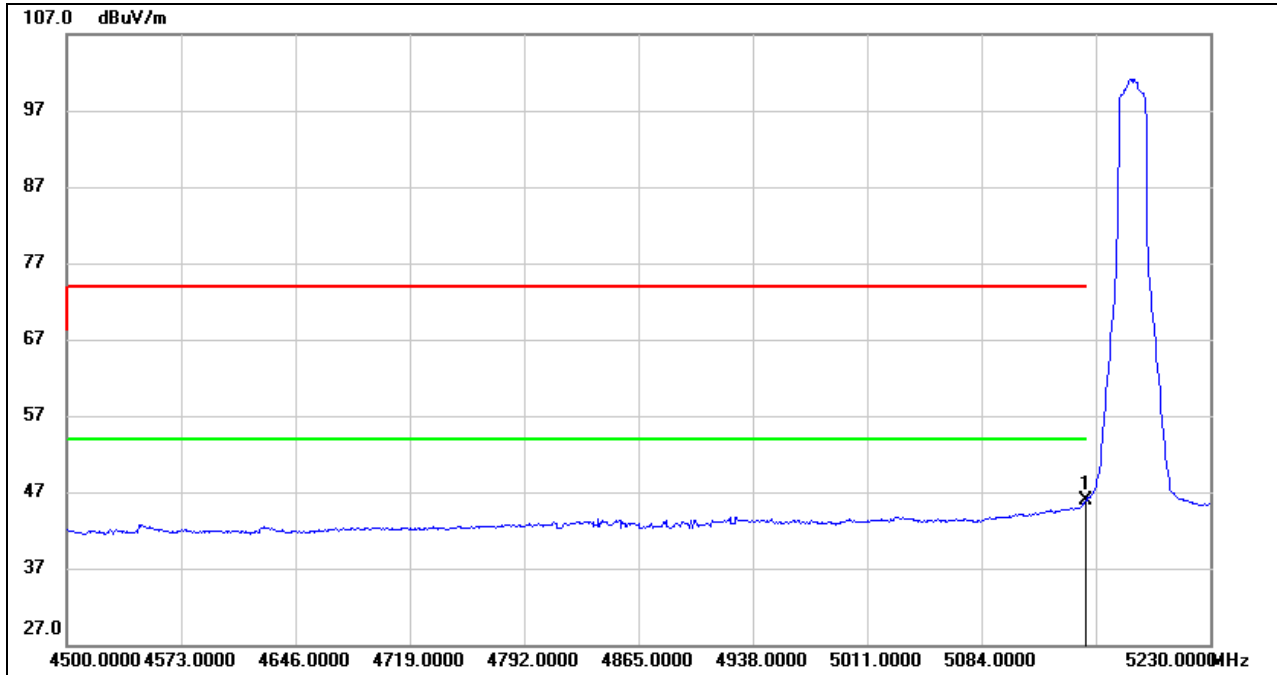


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	25.24	40.46	65.70	74.00	-8.30	peak

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



AVG



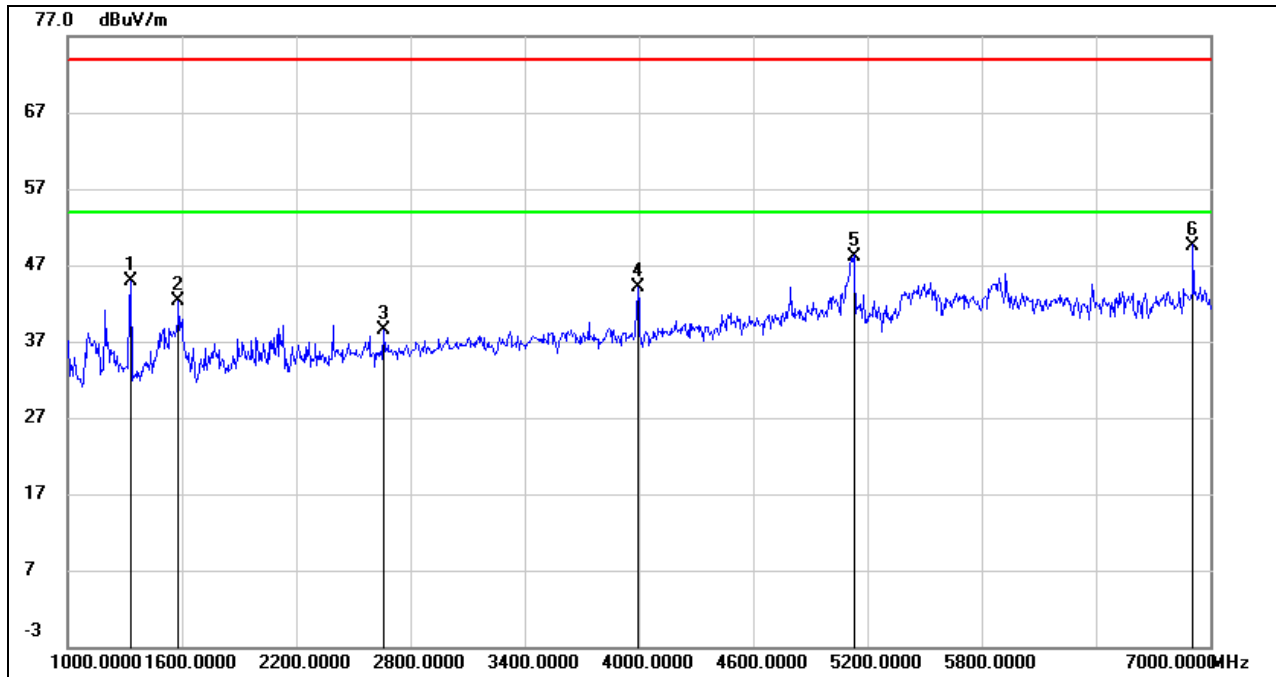
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	5.39	40.46	45.85	54.00	-8.15	AVG

- 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 7.1.
 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

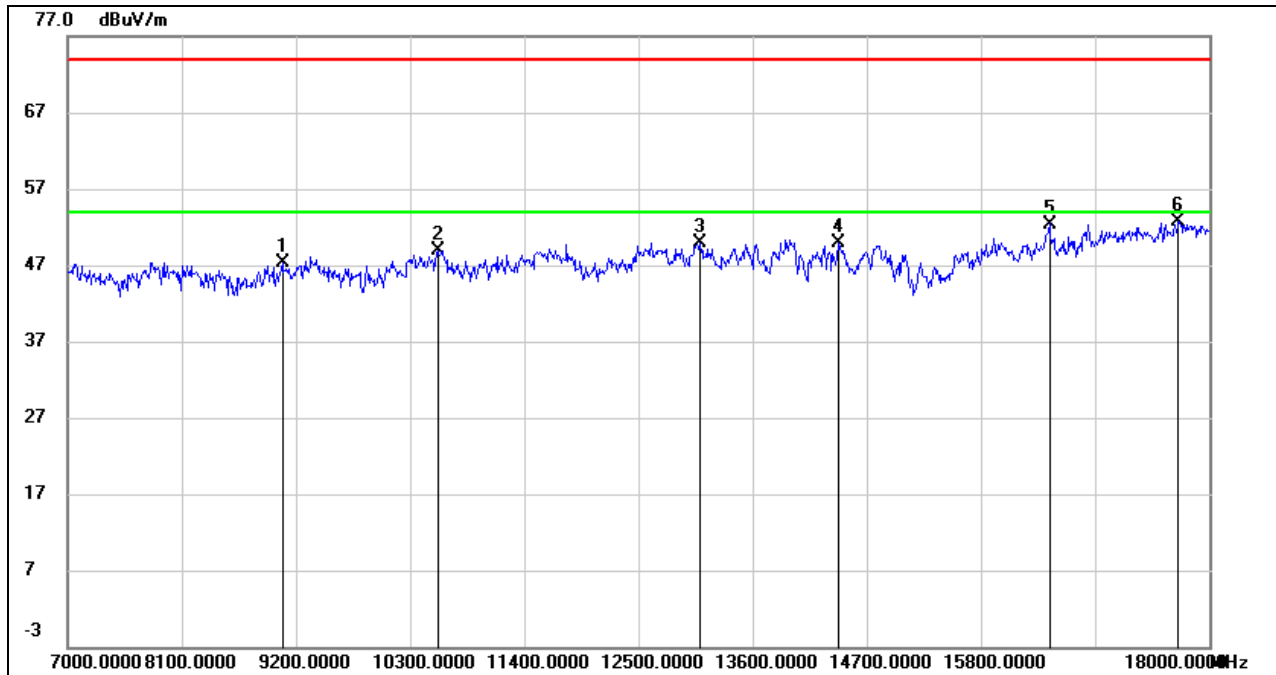


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	57.79	-12.95	44.84	74.00	-29.16	peak
2	1582.000	54.37	-12.16	42.21	74.00	-31.79	peak
3	2662.000	46.67	-8.13	38.54	74.00	-35.46	peak
4	3994.000	48.20	-4.17	44.03	74.00	-29.97	peak
5	5128.000	47.27	0.93	48.20	74.00	-25.80	peak
6	6910.000	44.40	5.20	49.60	74.00	-24.40	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

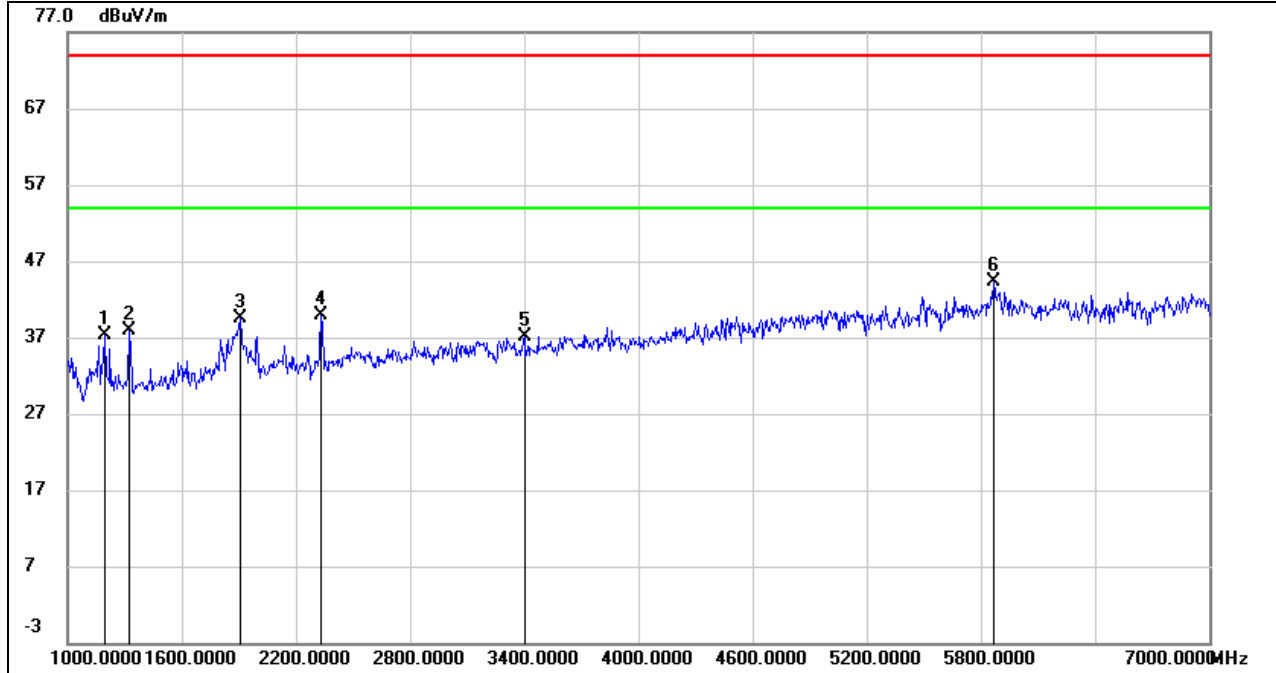


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9068.000	37.88	9.45	47.33	74.00	-26.67	peak
2	10564.000	36.86	12.06	48.92	74.00	-25.08	peak
3	13094.000	34.54	15.36	49.90	74.00	-24.10	peak
4	14425.000	33.21	16.65	49.86	74.00	-24.14	peak
5	16460.000	32.91	19.49	52.40	74.00	-21.60	peak
6	17703.000	30.25	22.52	52.77	74.00	-21.23	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

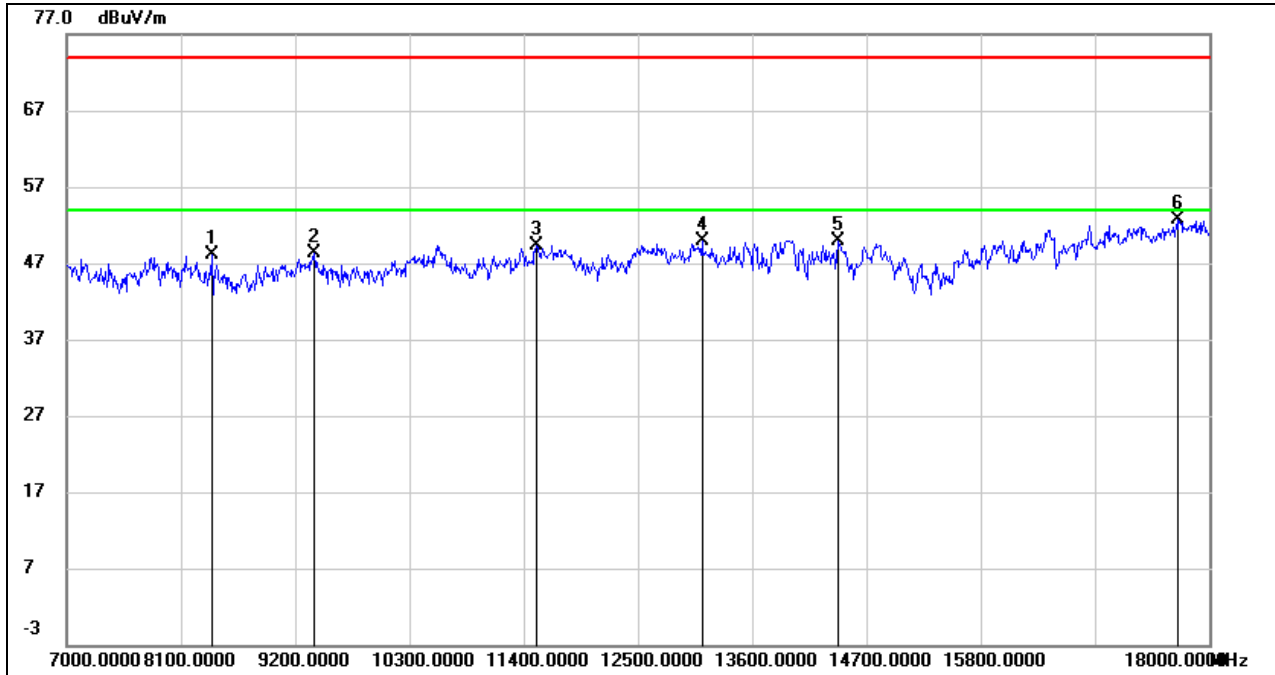


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1198.000	50.66	-13.28	37.38	74.00	-36.62	peak
2	1324.000	50.92	-12.94	37.98	74.00	-36.02	peak
3	1906.000	50.09	-10.64	39.45	74.00	-34.55	peak
4	2332.000	49.06	-9.24	39.82	74.00	-34.18	peak
5	3400.000	42.91	-5.79	37.12	74.00	-36.88	peak
6	5866.000	40.62	3.70	44.32	74.00	-29.68	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz



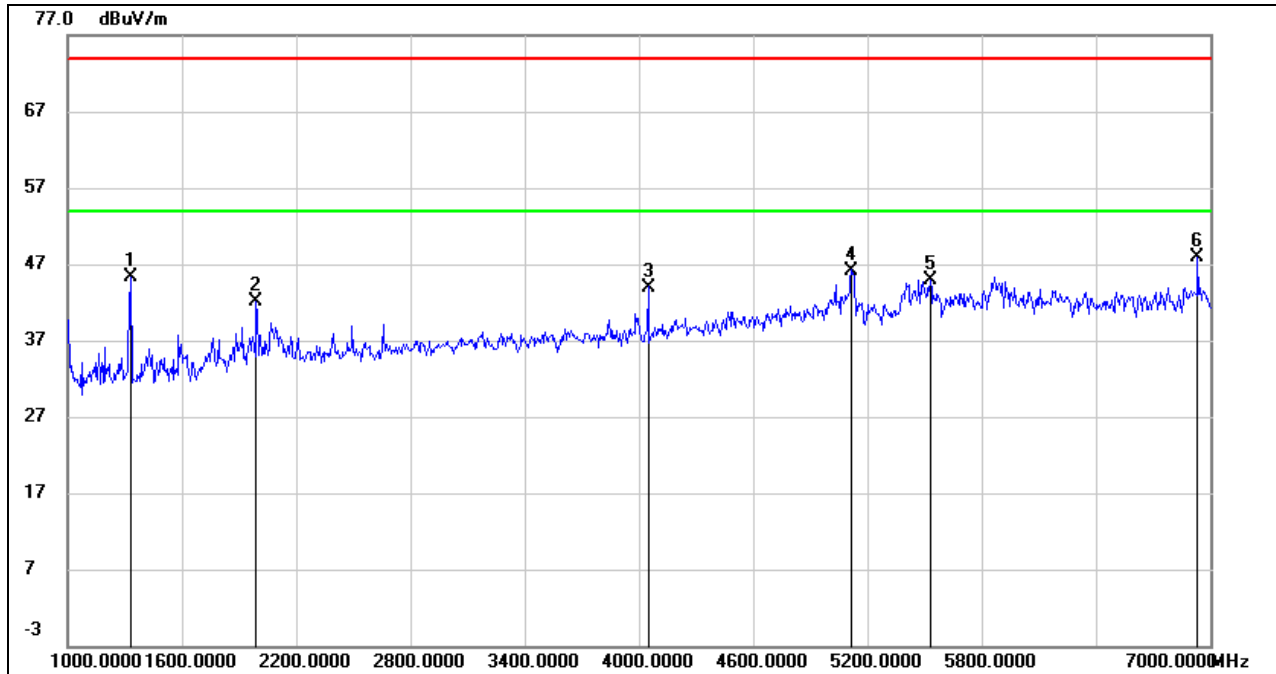
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8397.000	40.22	7.87	48.09	74.00	-25.91	peak
2	9387.000	38.42	9.86	48.28	74.00	-25.72	peak
3	11521.000	35.97	13.40	49.37	74.00	-24.63	peak
4	13116.000	34.54	15.41	49.95	74.00	-24.05	peak
5	14425.000	33.26	16.65	49.91	74.00	-24.09	peak
6	17703.000	30.10	22.52	52.62	74.00	-21.38	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

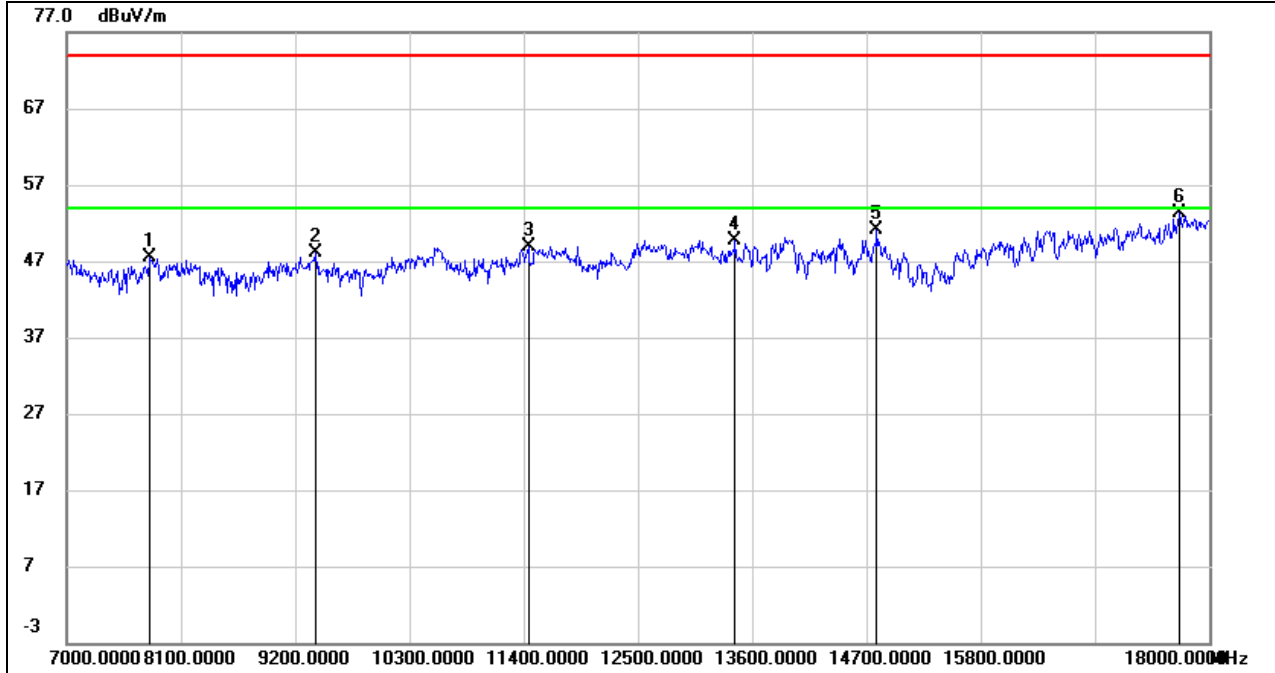


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1330.000	58.29	-12.95	45.34	74.00	-28.66	peak
2	1990.000	52.70	-10.68	42.02	74.00	-31.98	peak
3	4048.000	48.05	-4.05	44.00	74.00	-30.00	peak
4	5116.000	45.34	0.86	46.20	74.00	-27.80	peak
5	5530.000	42.57	2.27	44.84	74.00	-29.16	peak
6	6934.000	42.72	5.22	47.94	74.00	-26.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

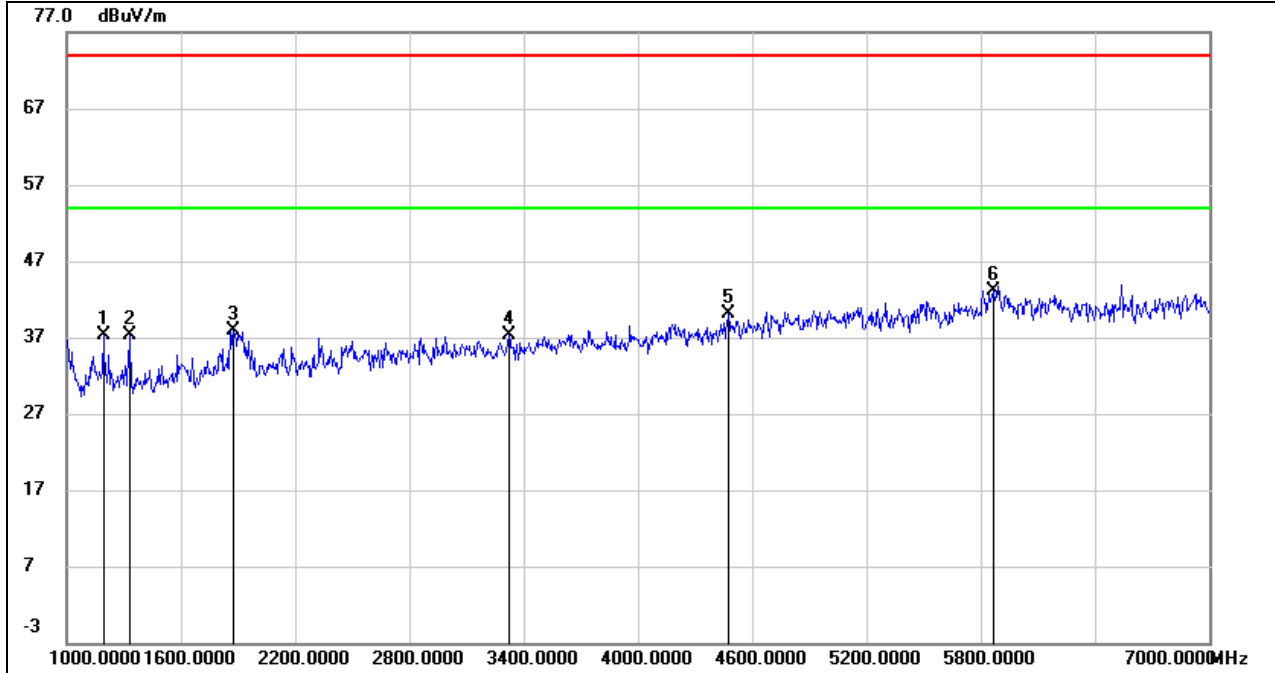


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.29	8.15	47.44	74.00	-26.56	peak
2	9398.000	38.24	9.93	48.17	74.00	-25.83	peak
3	11444.000	35.87	13.02	48.89	74.00	-25.11	peak
4	13435.000	33.61	16.08	49.69	74.00	-24.31	peak
5	14799.000	35.11	16.06	51.17	74.00	-22.83	peak
6	17714.000	30.71	22.62	53.33	74.00	-20.67	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

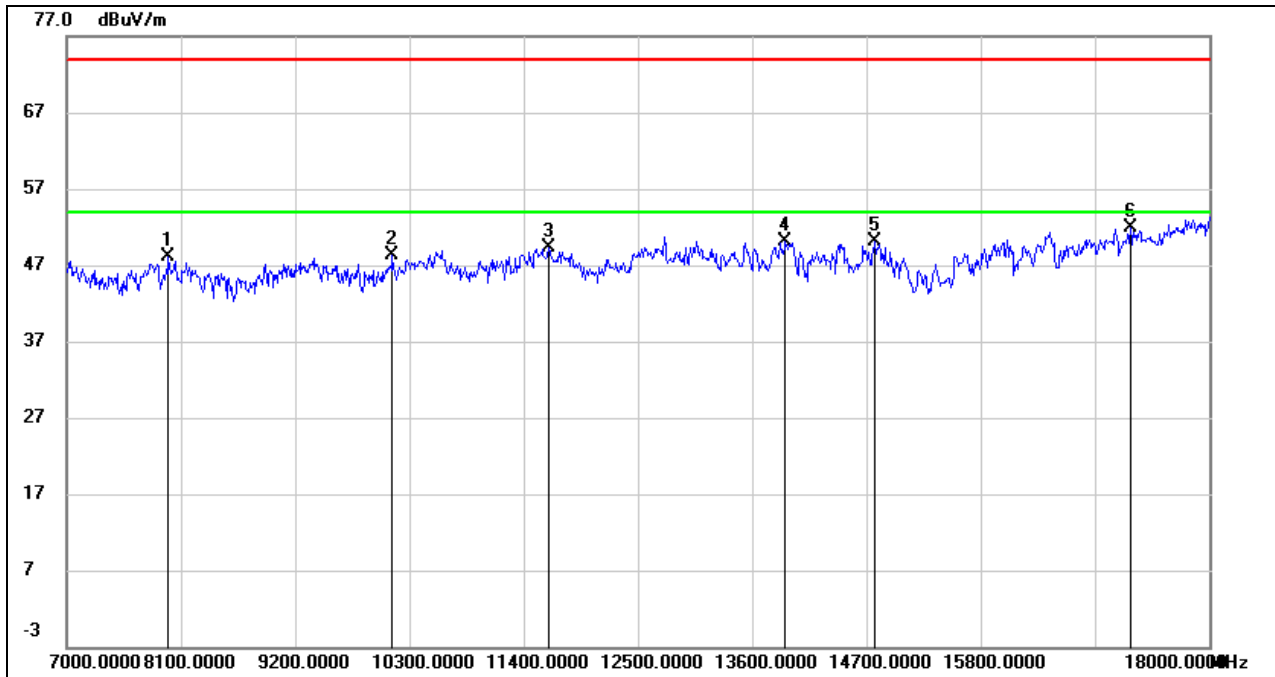


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1192.000	50.63	-13.33	37.30	74.00	-36.70	peak
2	1330.000	50.29	-12.95	37.34	74.00	-36.66	peak
3	1876.000	48.64	-10.66	37.98	74.00	-36.02	peak
4	3322.000	43.02	-5.64	37.38	74.00	-36.62	peak
5	4474.000	42.04	-2.02	40.02	74.00	-33.98	peak
6	5866.000	39.42	3.70	43.12	74.00	-30.88	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz



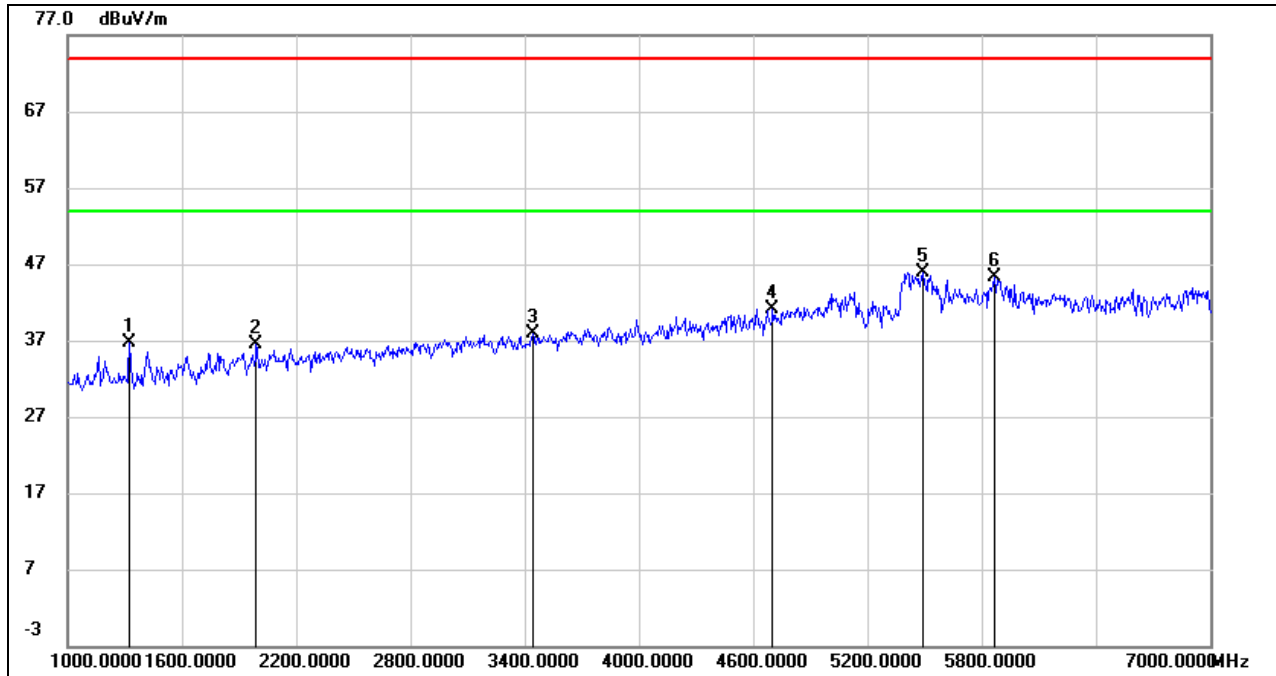
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7979.000	40.56	7.47	48.03	74.00	-25.97	peak
2	10135.000	37.67	10.66	48.33	74.00	-25.67	peak
3	11642.000	35.91	13.33	49.24	74.00	-24.76	peak
4	13919.000	33.98	16.16	50.14	74.00	-23.86	peak
5	14777.000	34.04	16.10	50.14	74.00	-23.86	peak
6	17241.000	30.43	21.48	51.91	74.00	-22.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz

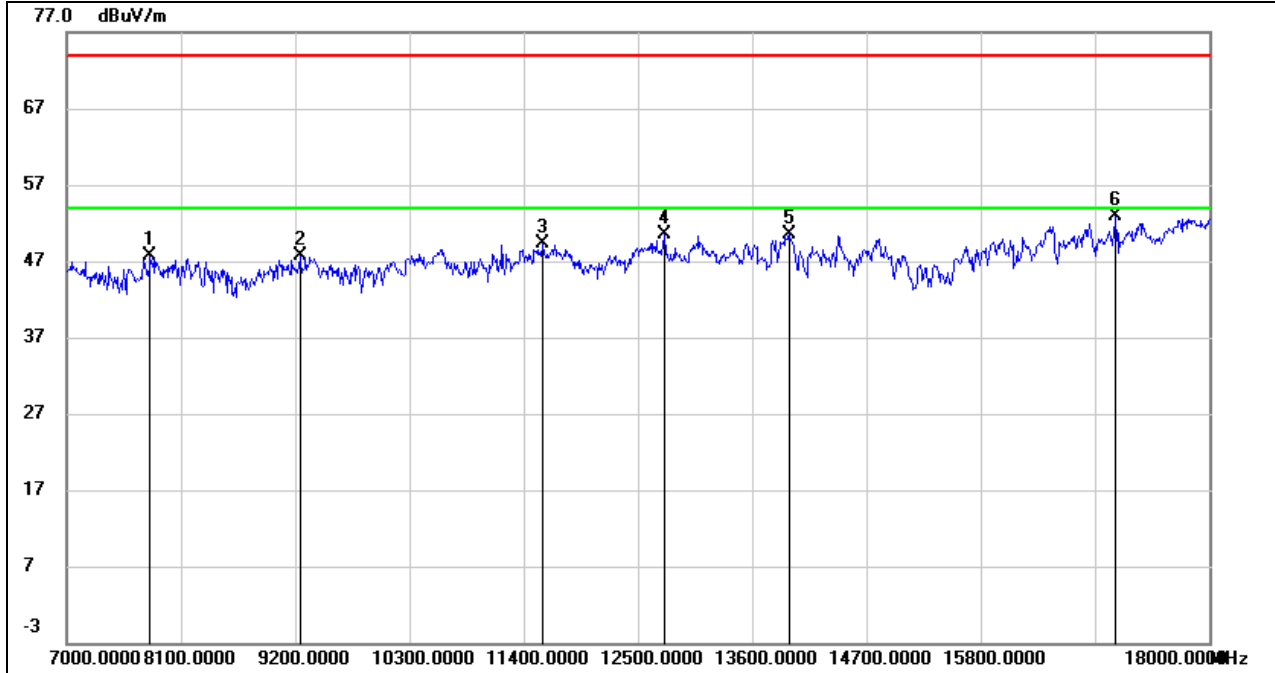


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	49.68	-12.94	36.74	74.00	-37.26	peak
2	1990.000	47.12	-10.68	36.44	74.00	-37.56	peak
3	3442.000	43.59	-5.66	37.93	74.00	-36.07	peak
4	4702.000	41.95	-0.84	41.11	74.00	-32.89	peak
5	5494.000	43.59	2.29	45.88	74.00	-28.12	peak
6	5866.000	41.51	3.70	45.21	74.00	-28.79	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

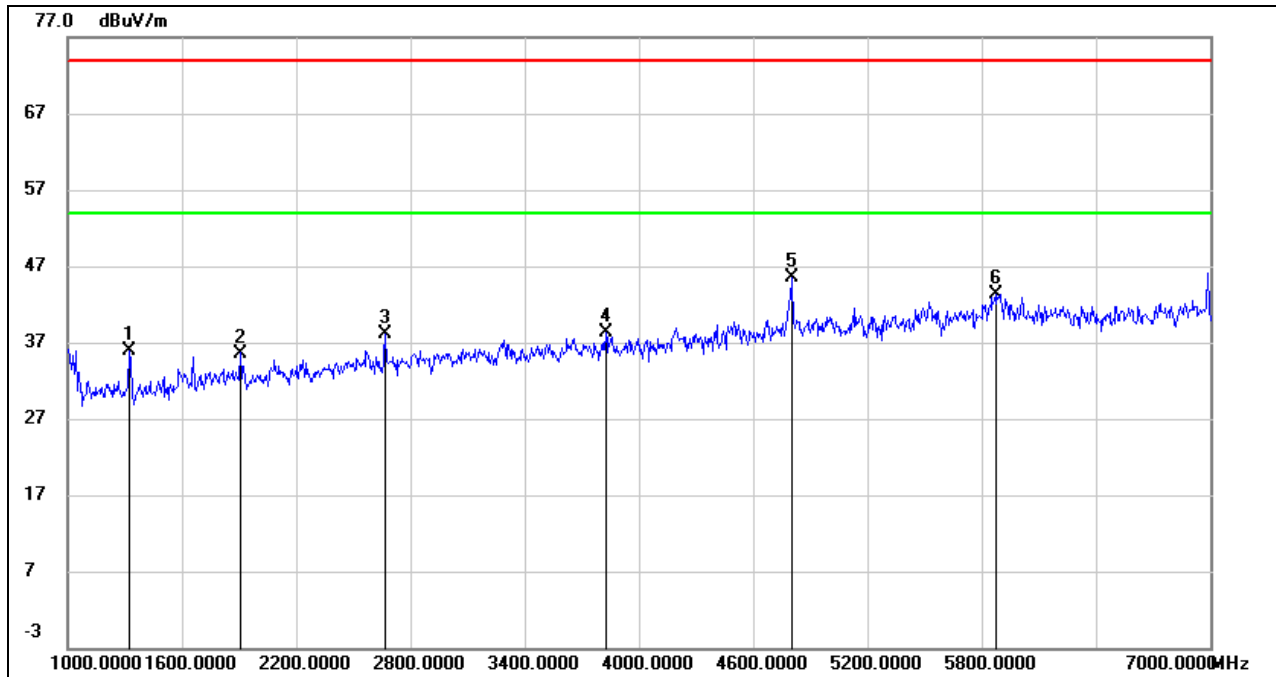


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.57	8.15	47.72	74.00	-26.28	peak
2	9244.000	38.65	9.08	47.73	74.00	-26.27	peak
3	11587.000	35.77	13.52	49.29	74.00	-24.71	peak
4	12753.000	35.09	15.36	50.45	74.00	-23.55	peak
5	13952.000	34.44	16.16	50.60	74.00	-23.40	peak
6	17098.000	32.06	20.88	52.94	74.00	-21.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

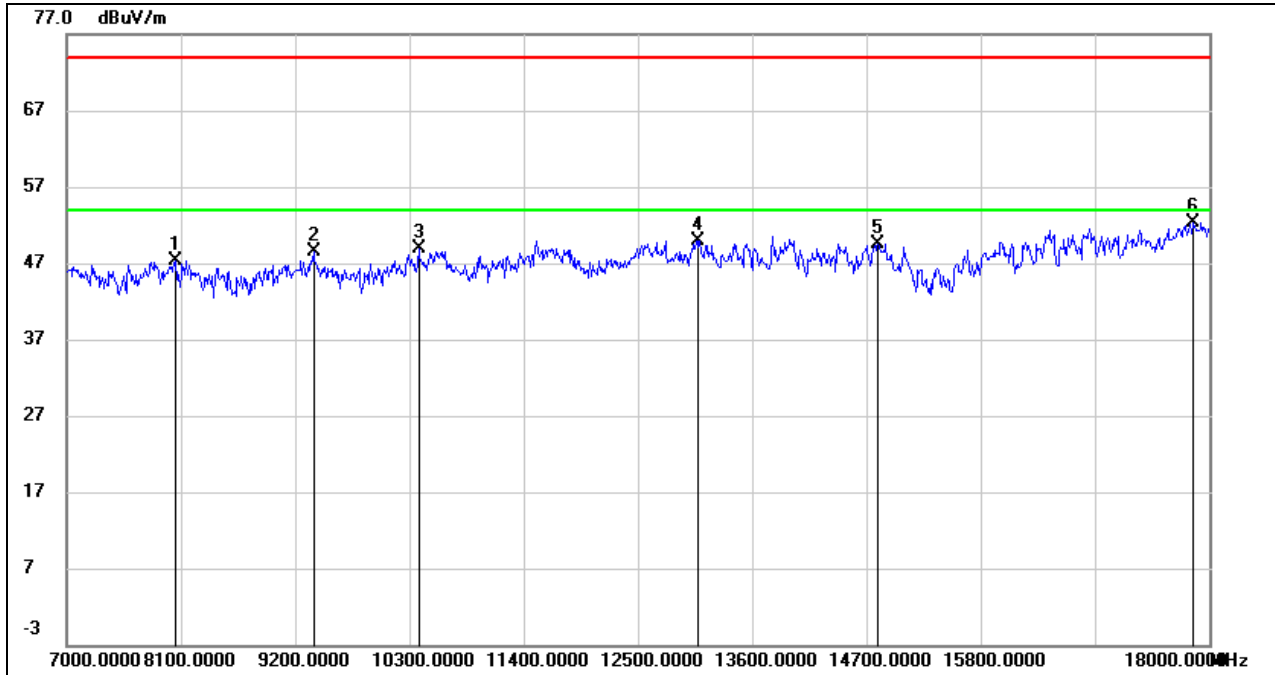


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	48.86	-12.94	35.92	74.00	-38.08	peak
2	1906.000	46.24	-10.64	35.60	74.00	-38.40	peak
3	2668.000	46.22	-8.09	38.13	74.00	-35.87	peak
4	3826.000	42.64	-4.29	38.35	74.00	-35.65	peak
5	4804.000	45.76	-0.34	45.42	74.00	-28.58	peak
6	5872.000	39.54	3.82	43.36	74.00	-30.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was 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	8045.000	39.47	7.75	47.22	74.00	-26.78	peak
2	9376.000	38.80	9.79	48.59	74.00	-25.41	peak
3	10388.000	37.71	11.18	48.89	74.00	-25.11	peak
4	13083.000	34.60	15.32	49.92	74.00	-24.08	peak
5	14810.000	33.51	16.07	49.58	74.00	-24.42	peak
6	17846.000	28.88	23.41	52.29	74.00	-21.71	peak

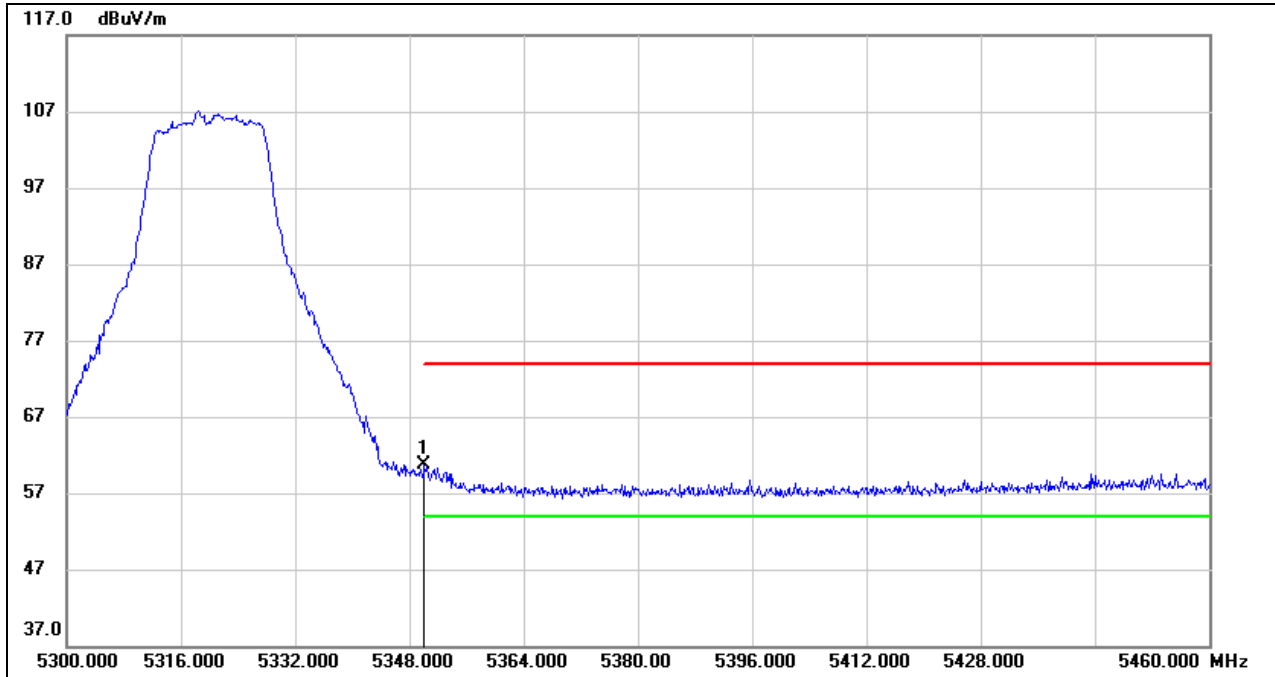
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



**8.1.2. UNII-2A BAND
WORST CASE FOR ANT1**

RESTRICTED BANDEDGE HIGH CHANNEL

**HORIZONTAL RESULTS
PEAK**

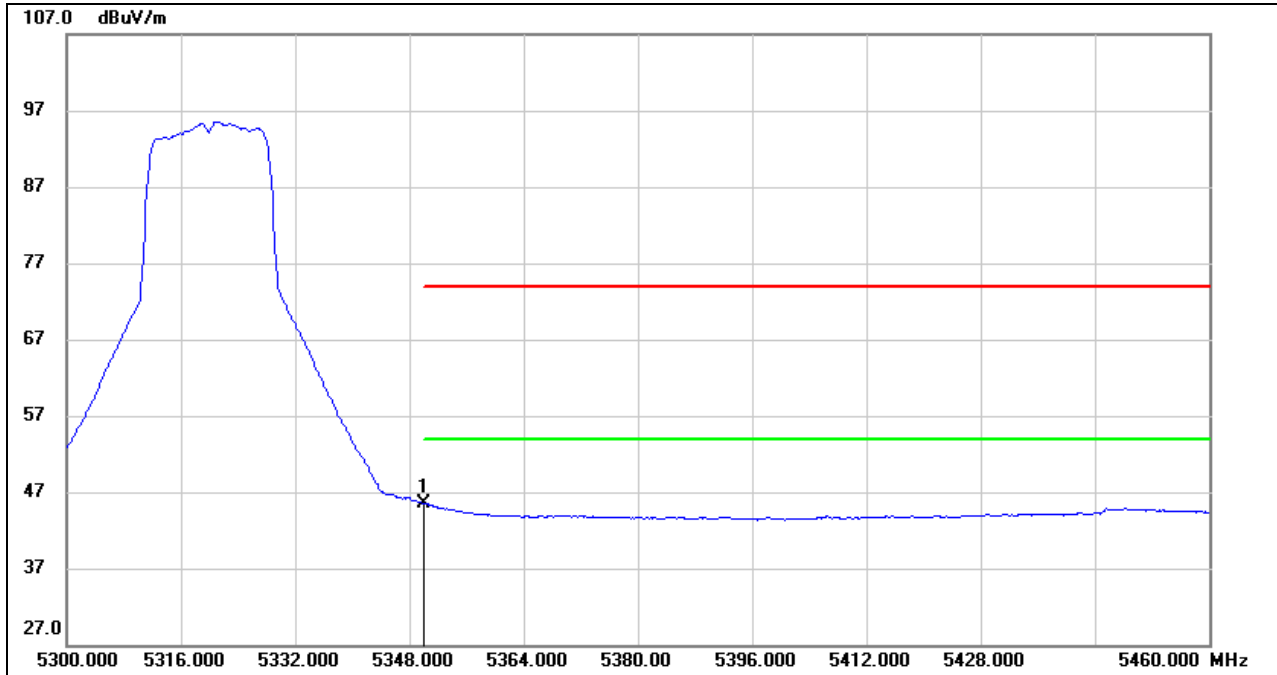


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	20.03	40.64	60.67	74.00	-13.33	peak

- 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

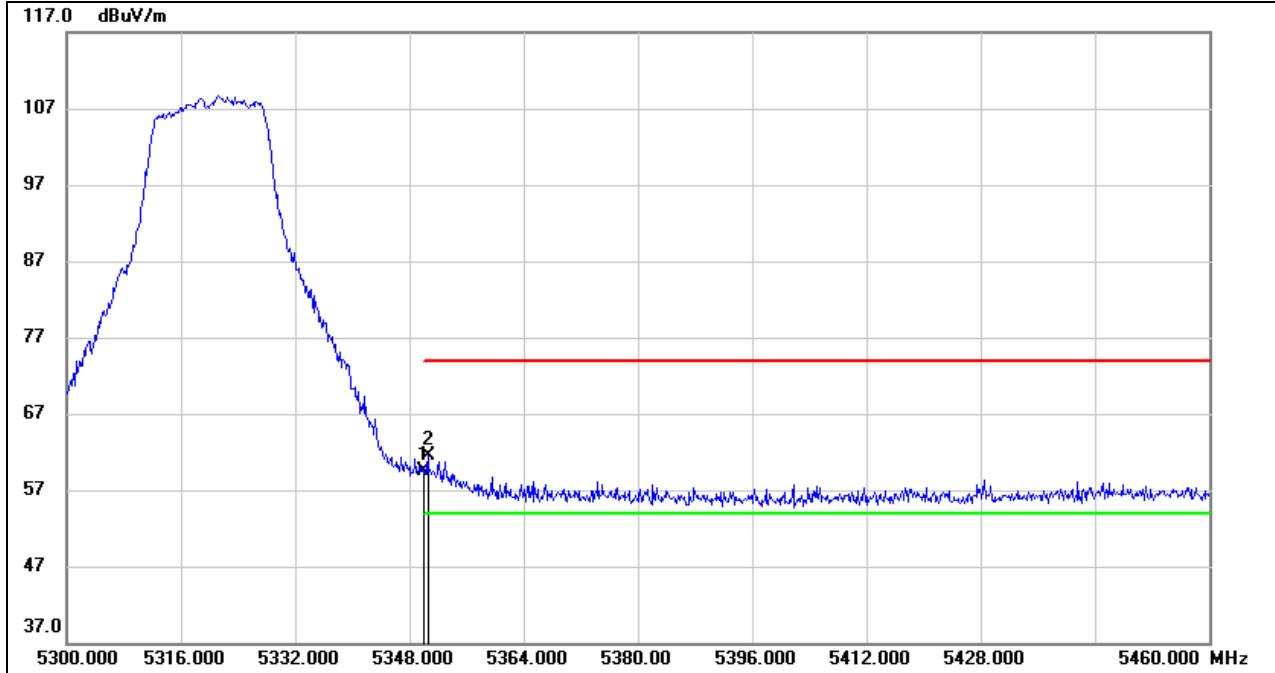


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	4.87	40.64	45.51	54.00	-8.49	AVG

- 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 7.1.
 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

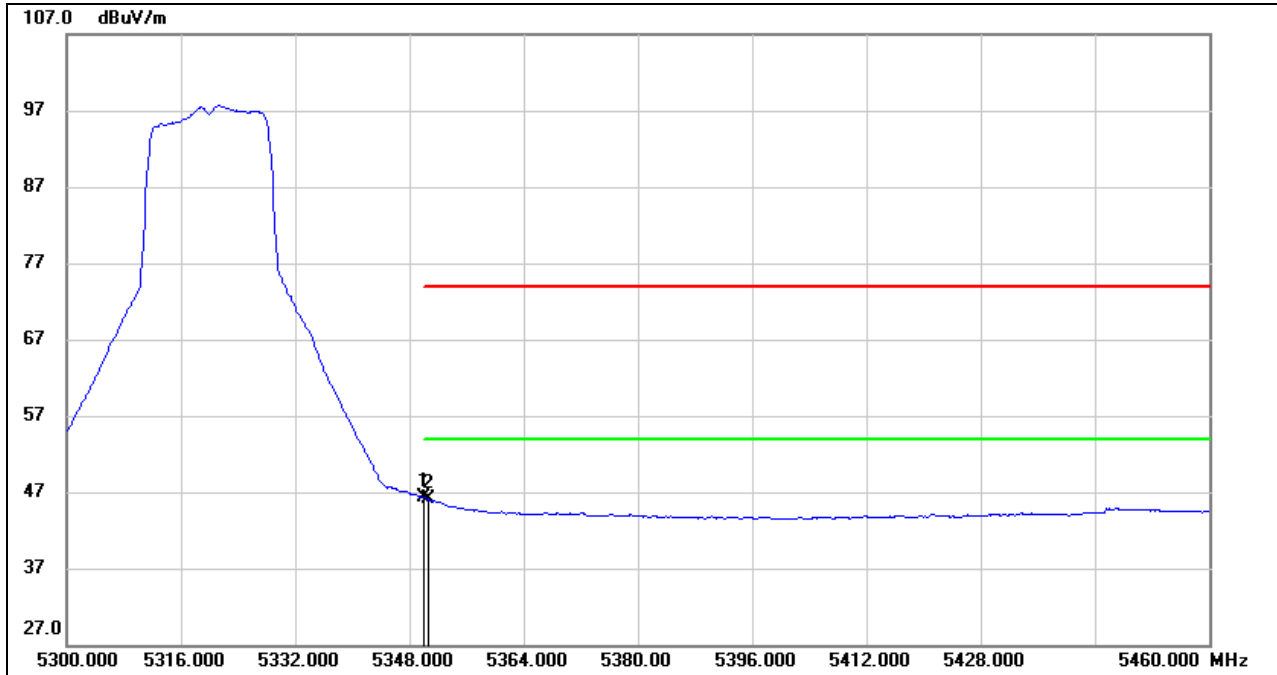


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	18.82	40.64	59.46	74.00	-14.54	peak
2	5350.560	20.78	40.64	61.42	74.00	-12.58	peak

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



AVG



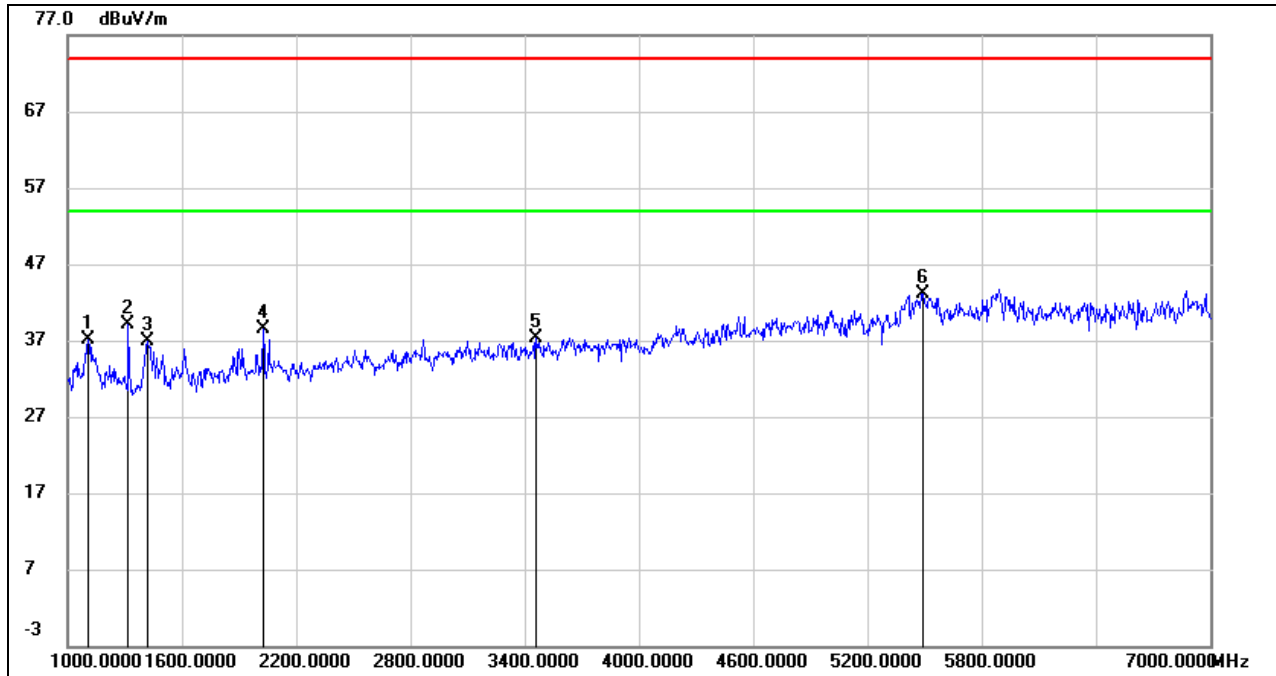
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	5.56	40.64	46.20	54.00	-7.80	AVG
2	5350.560	5.41	40.64	46.05	54.00	-7.95	AVG

- 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 7.1.
 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

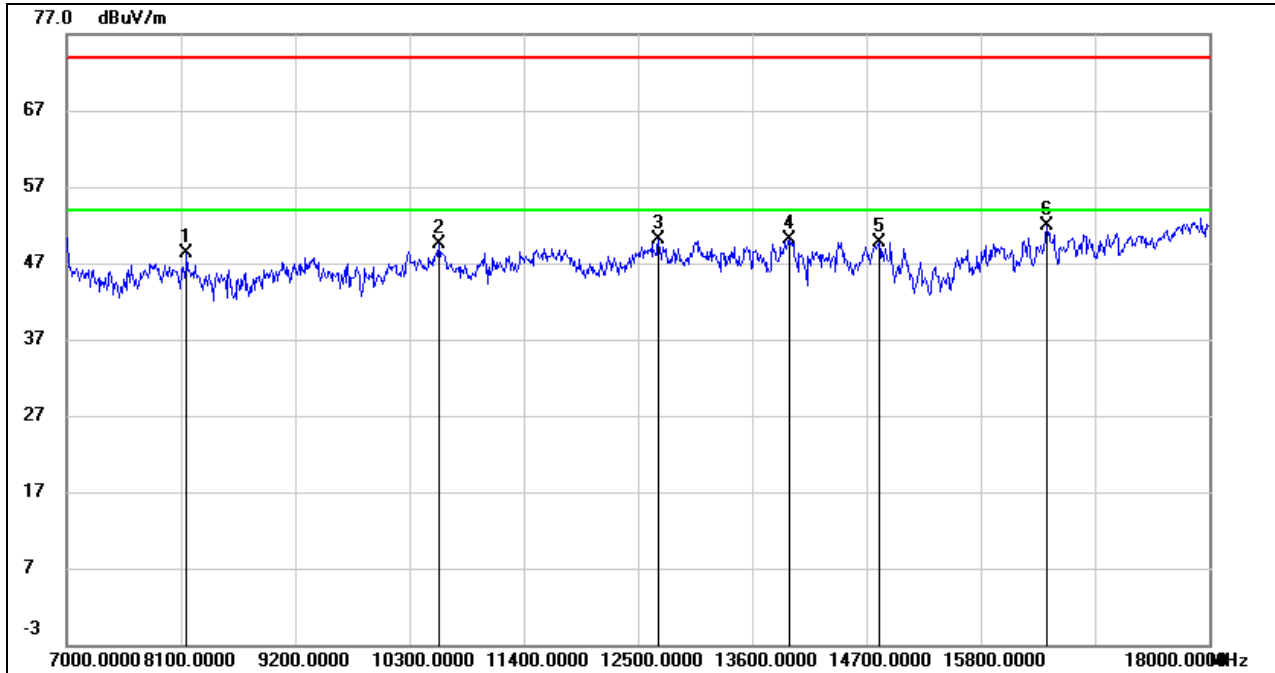


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1108.000	51.28	-14.10	37.18	74.00	-36.82	peak
2	1318.000	52.07	-12.93	39.14	74.00	-34.86	peak
3	1420.000	49.96	-13.03	36.93	74.00	-37.07	peak
4	2026.000	49.04	-10.51	38.53	74.00	-35.47	peak
5	3460.000	42.87	-5.59	37.28	74.00	-36.72	peak
6	5488.000	40.98	2.21	43.19	74.00	-30.81	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

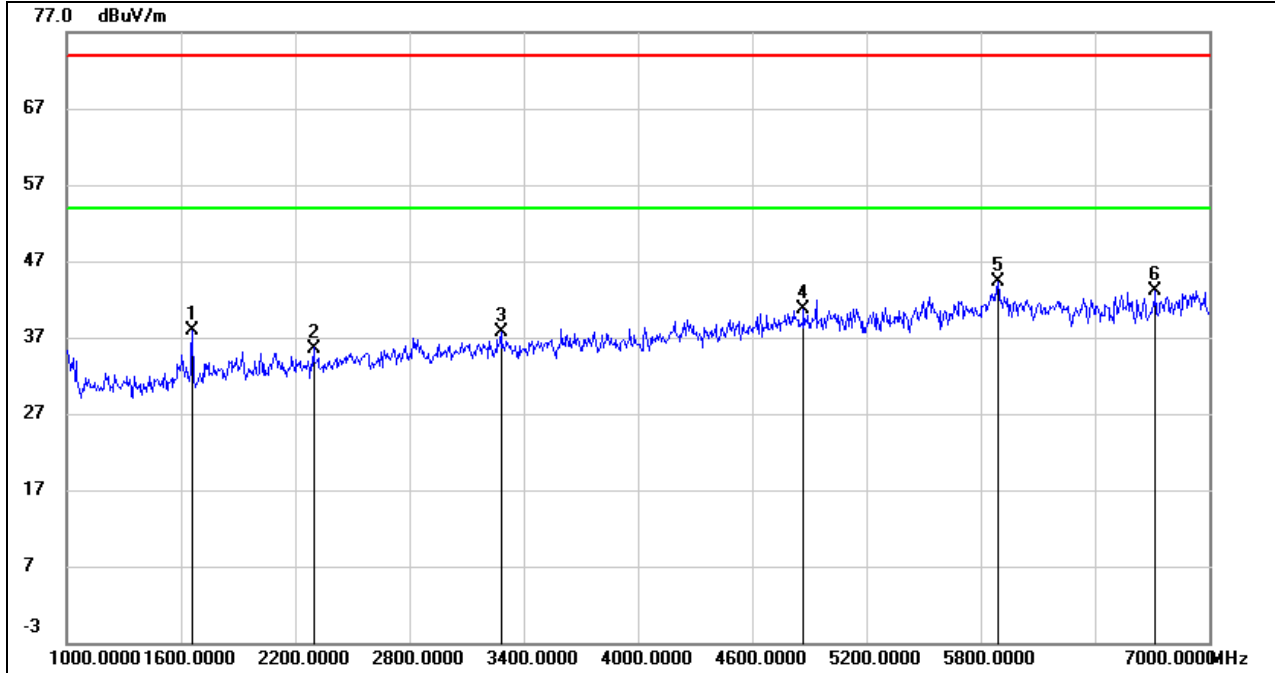


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8155.000	39.73	8.52	48.25	74.00	-25.75	peak
2	10586.000	37.13	12.30	49.43	74.00	-24.57	peak
3	12698.000	35.59	14.44	50.03	74.00	-23.97	peak
4	13952.000	33.87	16.16	50.03	74.00	-23.97	peak
5	14821.000	33.70	16.09	49.79	74.00	-24.21	peak
6	16438.000	32.41	19.41	51.82	74.00	-22.18	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

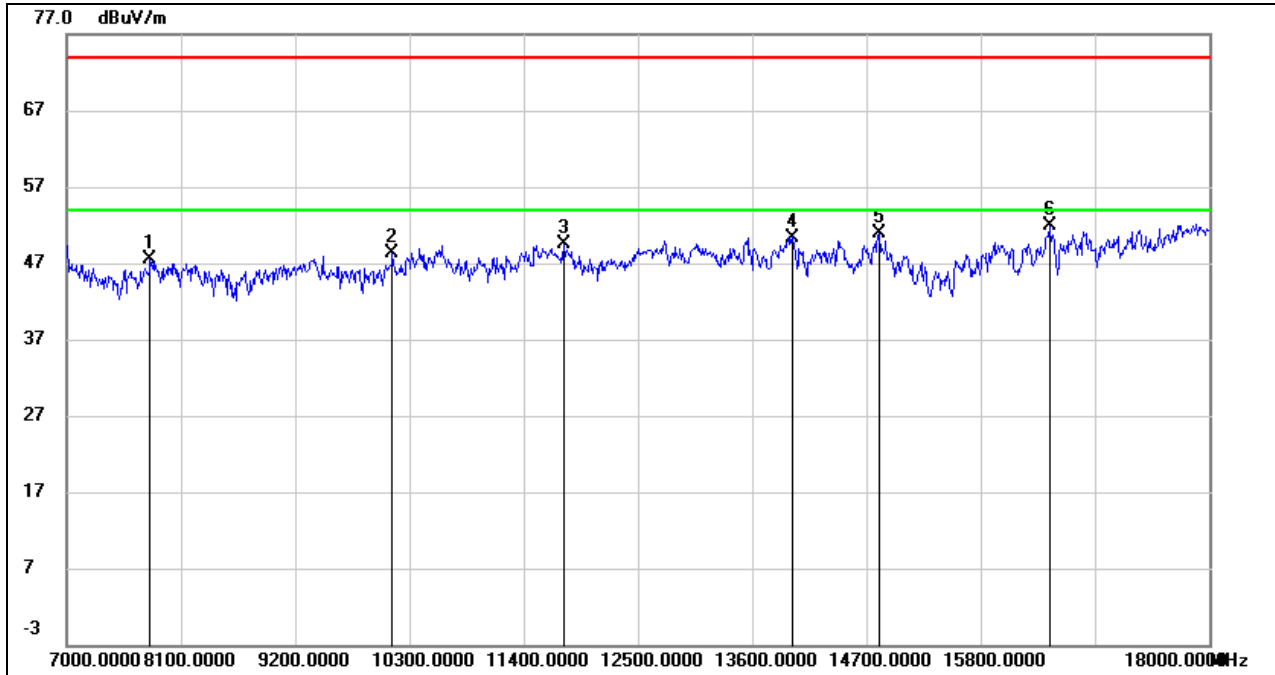


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1660.000	49.77	-11.89	37.88	74.00	-36.12	peak
2	2296.000	45.00	-9.40	35.60	74.00	-38.40	peak
3	3280.000	43.34	-5.69	37.65	74.00	-36.35	peak
4	4870.000	40.87	-0.21	40.66	74.00	-33.34	peak
5	5890.000	40.22	4.15	44.37	74.00	-29.63	peak
6	6718.000	38.51	4.58	43.09	74.00	-30.91	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz



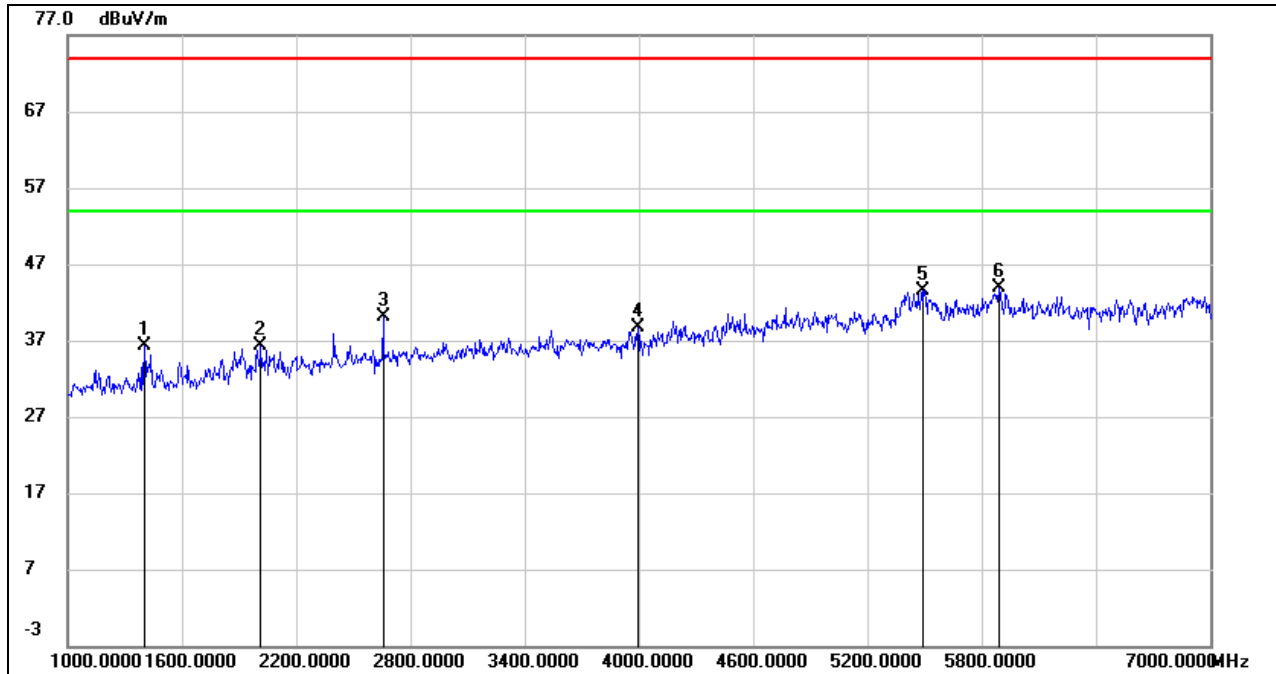
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.30	8.15	47.45	74.00	-26.55	peak
2	10135.000	37.65	10.66	48.31	74.00	-25.69	peak
3	11785.000	36.20	13.22	49.42	74.00	-24.58	peak
4	13985.000	34.24	16.16	50.40	74.00	-23.60	peak
5	14821.000	34.80	16.09	50.89	74.00	-23.11	peak
6	16460.000	32.45	19.49	51.94	74.00	-22.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

HORIZONTAL RESULTS
1-7GHz

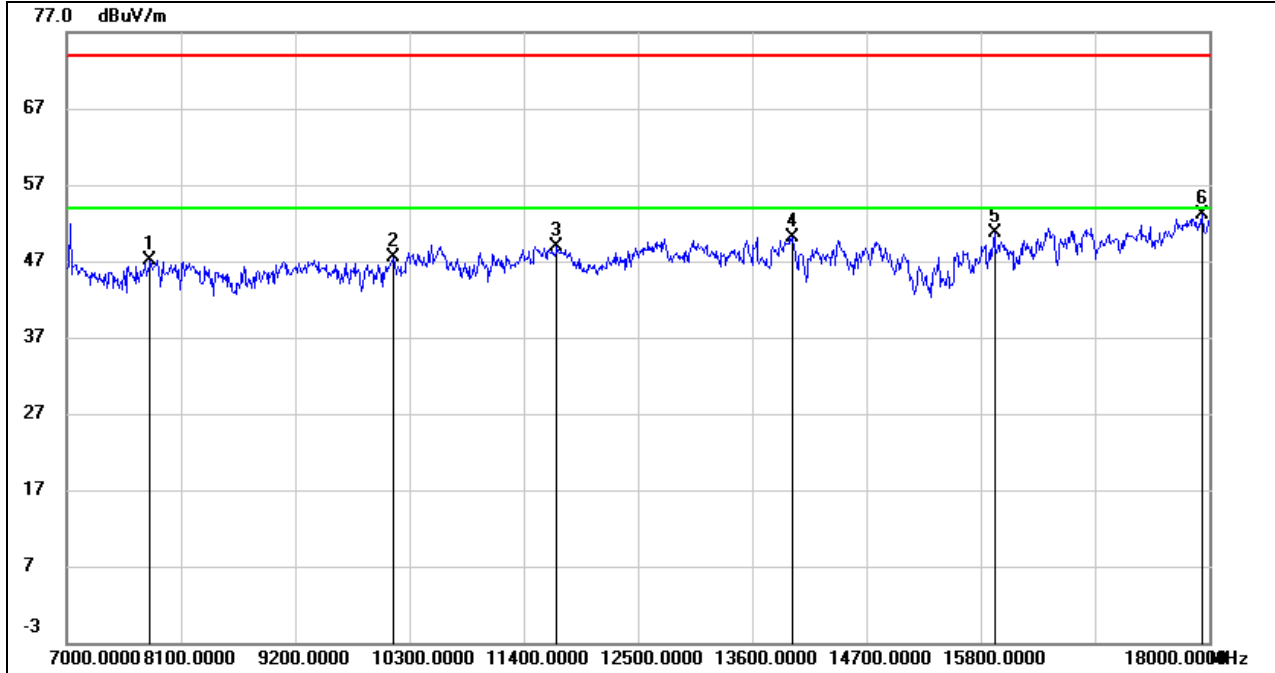


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1402.000	49.36	-13.07	36.29	74.00	-37.71	peak
2	2014.000	46.97	-10.58	36.39	74.00	-37.61	peak
3	2656.000	48.27	-8.16	40.11	74.00	-33.89	peak
4	3994.000	42.81	-4.17	38.64	74.00	-35.36	peak
5	5488.000	41.37	2.21	43.58	74.00	-30.42	peak
6	5890.000	39.67	4.15	43.82	74.00	-30.18	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

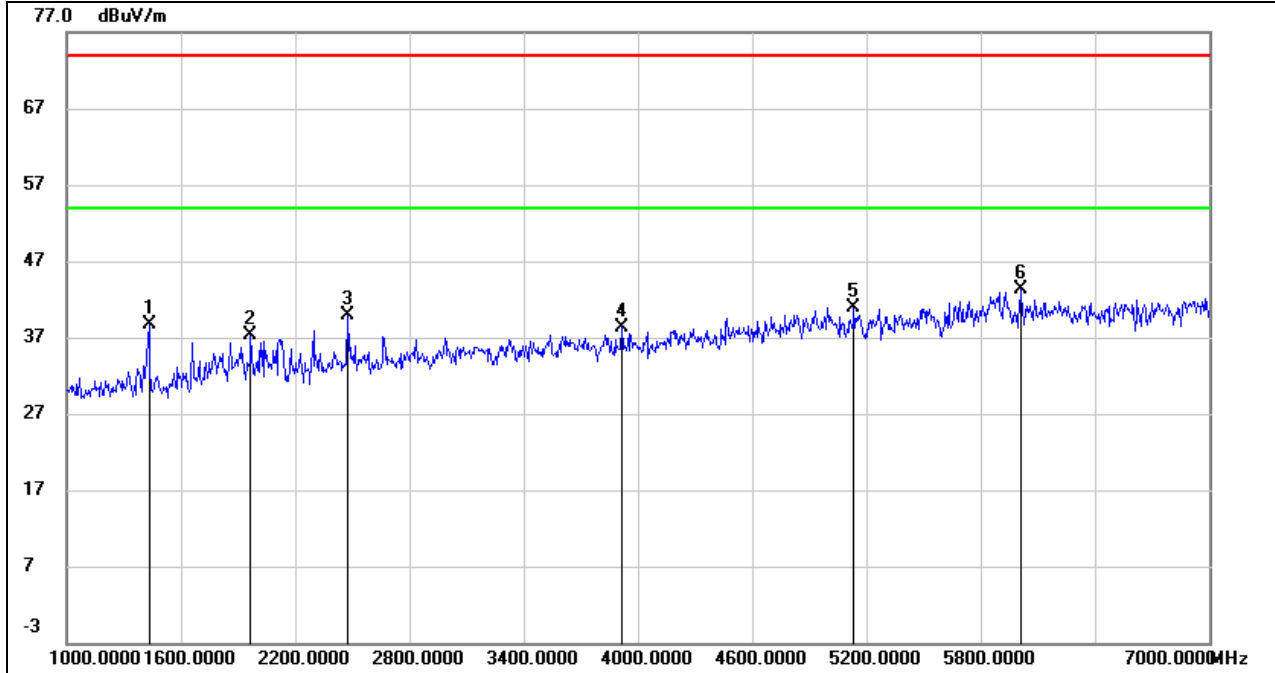


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7803.000	39.00	8.15	47.15	74.00	-26.85	peak
2	10146.000	36.86	10.62	47.48	74.00	-26.52	peak
3	11719.000	35.90	13.09	48.99	74.00	-25.01	peak
4	13985.000	34.04	16.16	50.20	74.00	-23.80	peak
5	15932.000	33.05	17.72	50.77	74.00	-23.23	peak
6	17934.000	29.61	23.45	53.06	74.00	-20.94	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

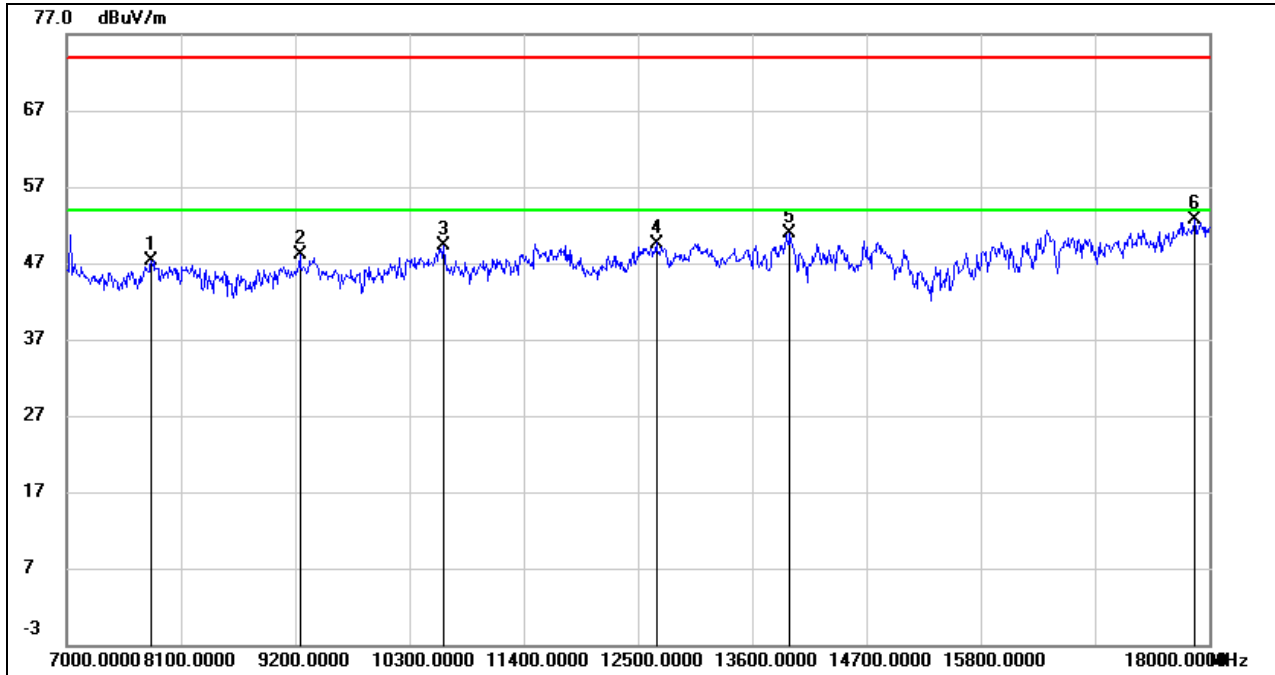


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1432.000	51.67	-13.00	38.67	74.00	-35.33	peak
2	1966.000	47.90	-10.66	37.24	74.00	-36.76	peak
3	2476.000	48.22	-8.28	39.94	74.00	-34.06	peak
4	3916.000	42.64	-4.24	38.40	74.00	-35.60	peak
5	5134.000	39.90	0.97	40.87	74.00	-33.13	peak
6	6010.000	40.70	2.61	43.31	74.00	-30.69	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz



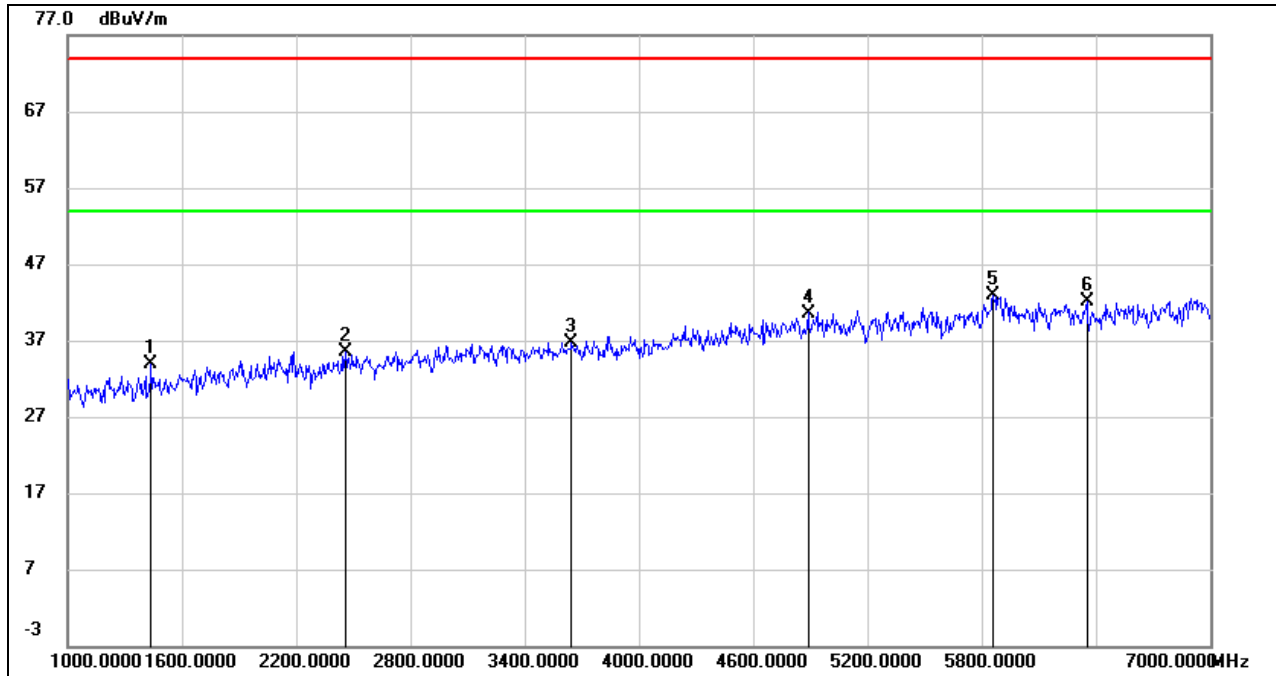
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7814.000	39.15	8.10	47.25	74.00	-26.75	peak
2	9244.000	39.02	9.08	48.10	74.00	-25.90	peak
3	10630.000	37.04	12.25	49.29	74.00	-24.71	peak
4	12676.000	35.22	14.38	49.60	74.00	-24.40	peak
5	13963.000	34.69	16.16	50.85	74.00	-23.15	peak
6	17857.000	29.23	23.41	52.64	74.00	-21.36	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

HORIZONTAL RESULTS
1-7GHz

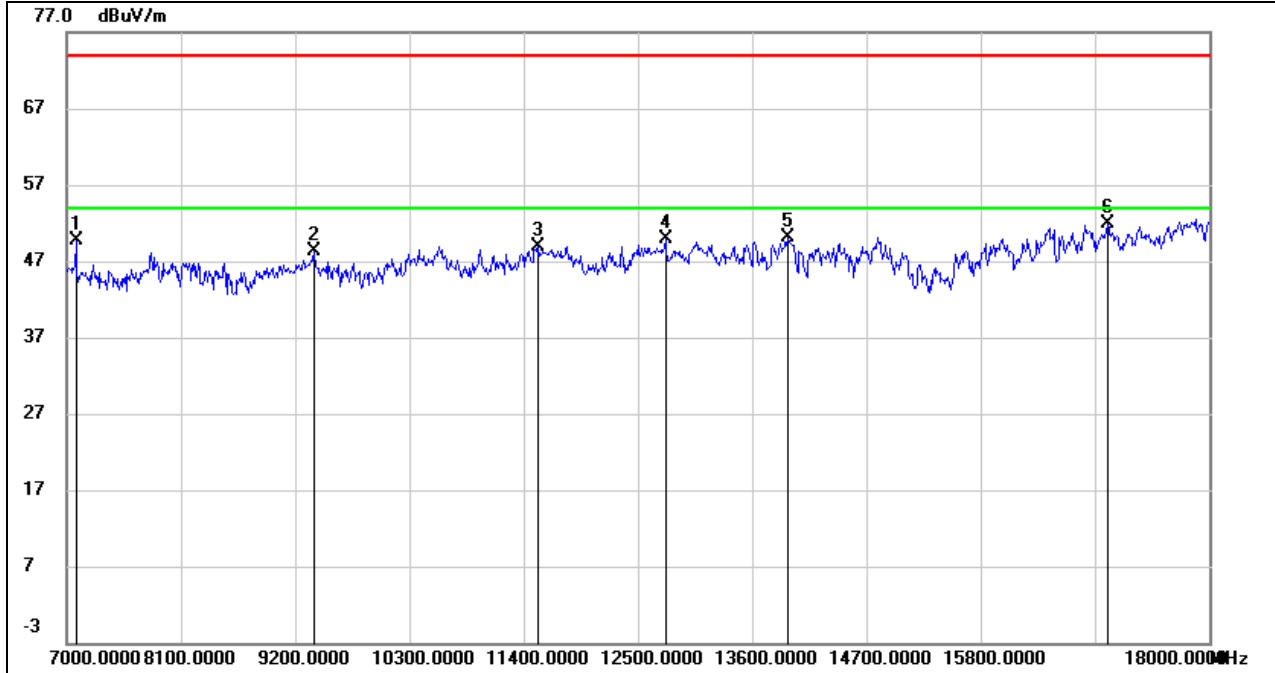


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1438.000	46.97	-12.99	33.98	74.00	-40.02	peak
2	2458.000	44.03	-8.44	35.59	74.00	-38.41	peak
3	3646.000	41.26	-4.56	36.70	74.00	-37.30	peak
4	4888.000	40.76	-0.16	40.60	74.00	-33.40	peak
5	5860.000	39.22	3.60	42.82	74.00	-31.18	peak
6	6352.000	38.66	3.49	42.15	74.00	-31.85	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz

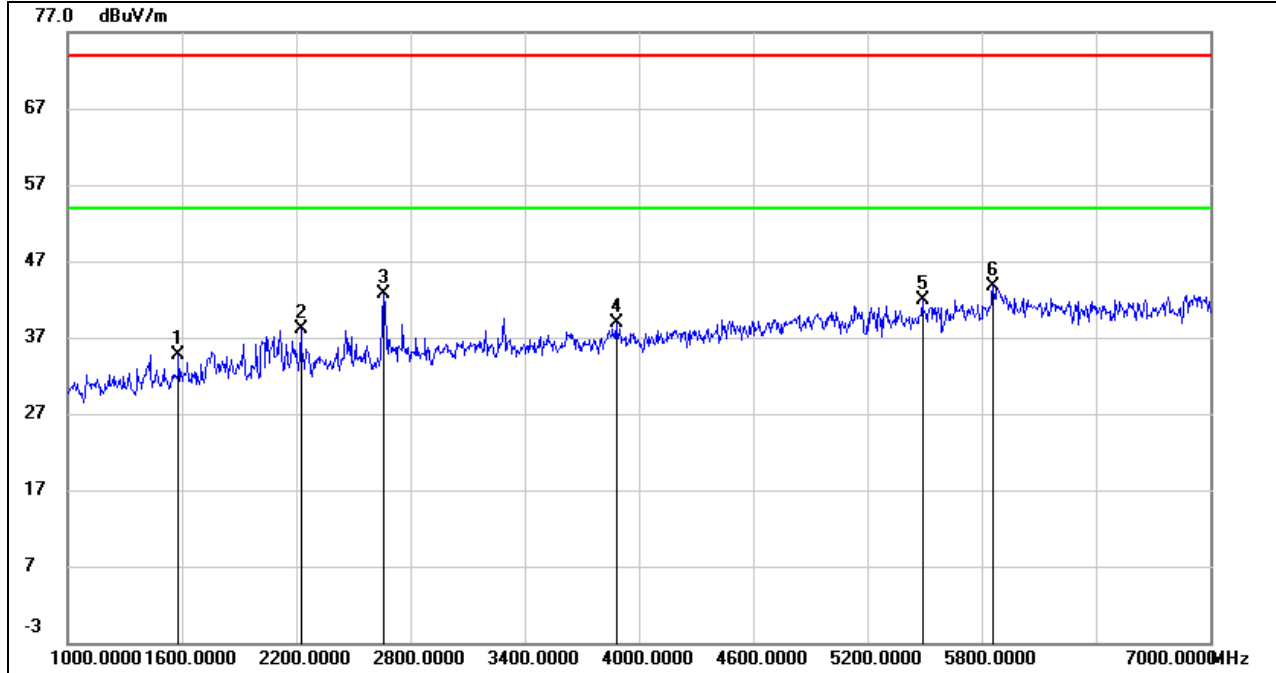


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7088.000	43.11	6.60	49.71	74.00	-24.29	peak
2	9376.000	38.47	9.79	48.26	74.00	-25.74	peak
3	11543.000	35.48	13.44	48.92	74.00	-25.08	peak
4	12764.000	34.27	15.54	49.81	74.00	-24.19	peak
5	13941.000	33.99	16.16	50.15	74.00	-23.85	peak
6	17021.000	31.12	20.69	51.81	74.00	-22.19	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

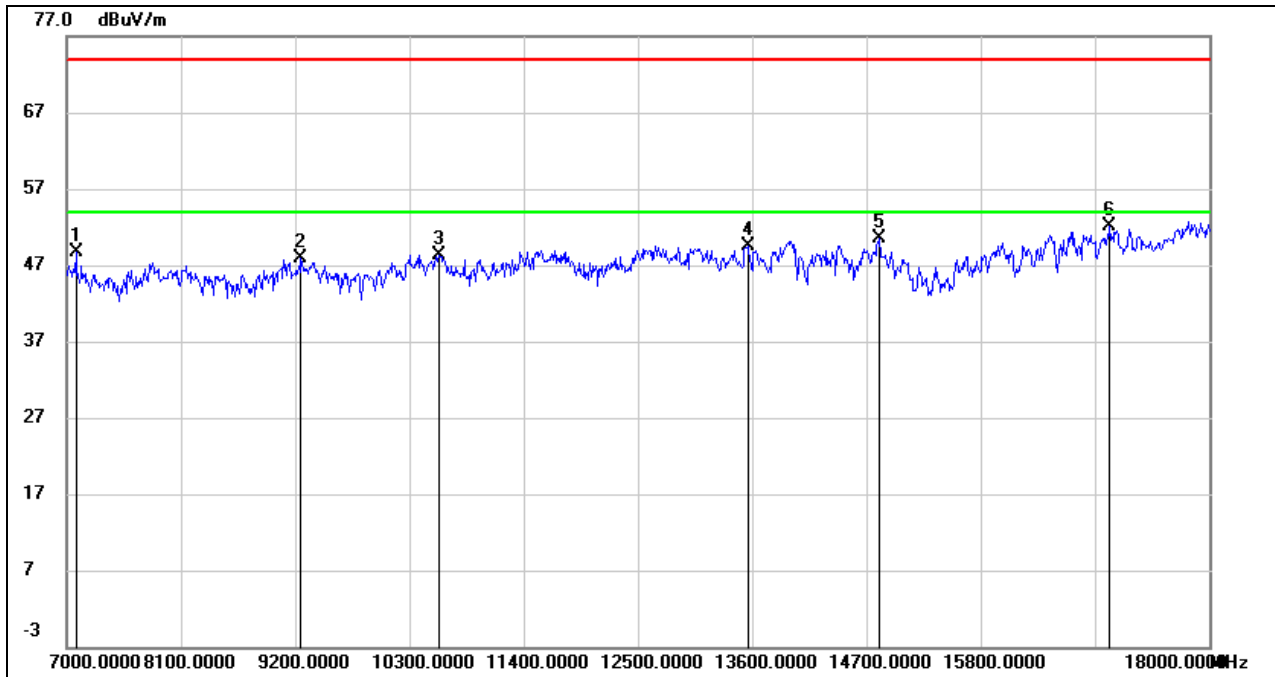


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1582.000	46.95	-12.16	34.79	74.00	-39.21	peak
2	2224.000	47.79	-9.61	38.18	74.00	-35.82	peak
3	2656.000	50.87	-8.16	42.71	74.00	-31.29	peak
4	3880.000	43.10	-4.26	38.84	74.00	-35.16	peak
5	5488.000	39.66	2.21	41.87	74.00	-32.13	peak
6	5860.000	40.11	3.60	43.71	74.00	-30.29	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was 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	7088.000	42.12	6.60	48.72	74.00	-25.28	peak
2	9255.000	38.77	9.12	47.89	74.00	-26.11	peak
3	10586.000	35.99	12.30	48.29	74.00	-25.71	peak
4	13556.000	33.44	16.01	49.45	74.00	-24.55	peak
5	14821.000	34.37	16.09	50.46	74.00	-23.54	peak
6	17043.000	31.35	20.74	52.09	74.00	-21.91	peak

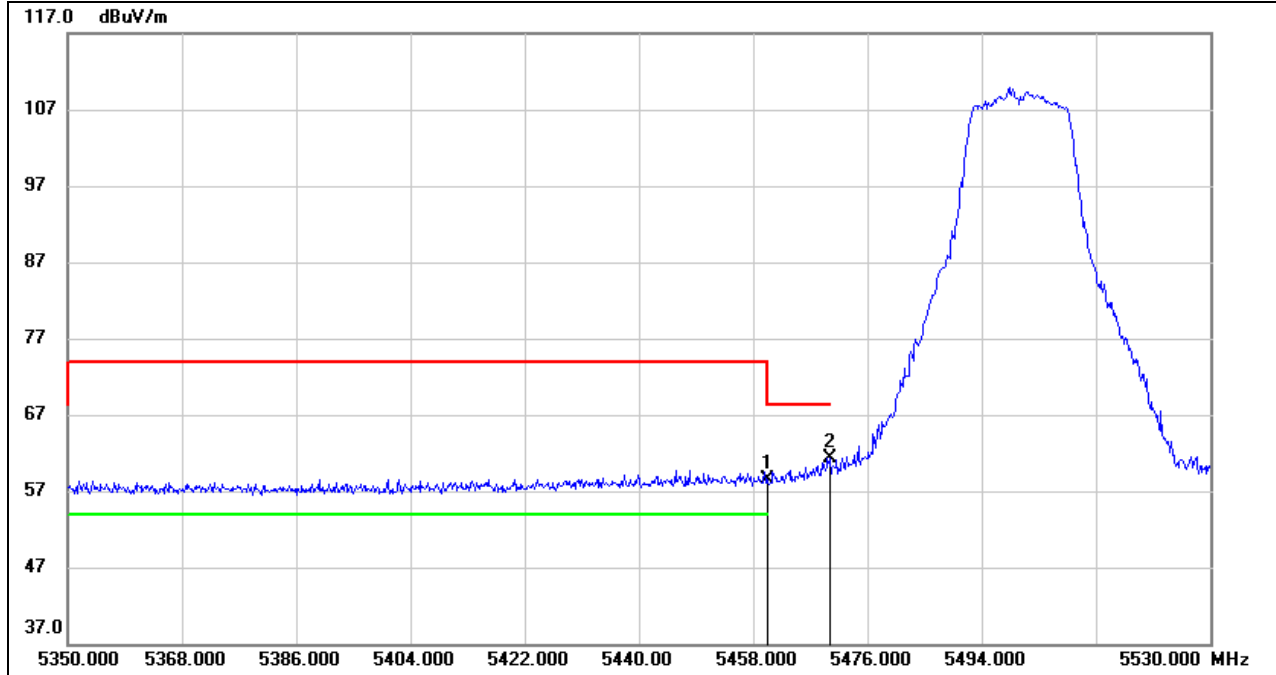
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



**8.1.3. UNII-2C BAND
WORST CASE FOR ANT1**

RESTRICTED BANDEDGE LOW CHANNEL

**HORIZONTAL RESULTS
PEAK**

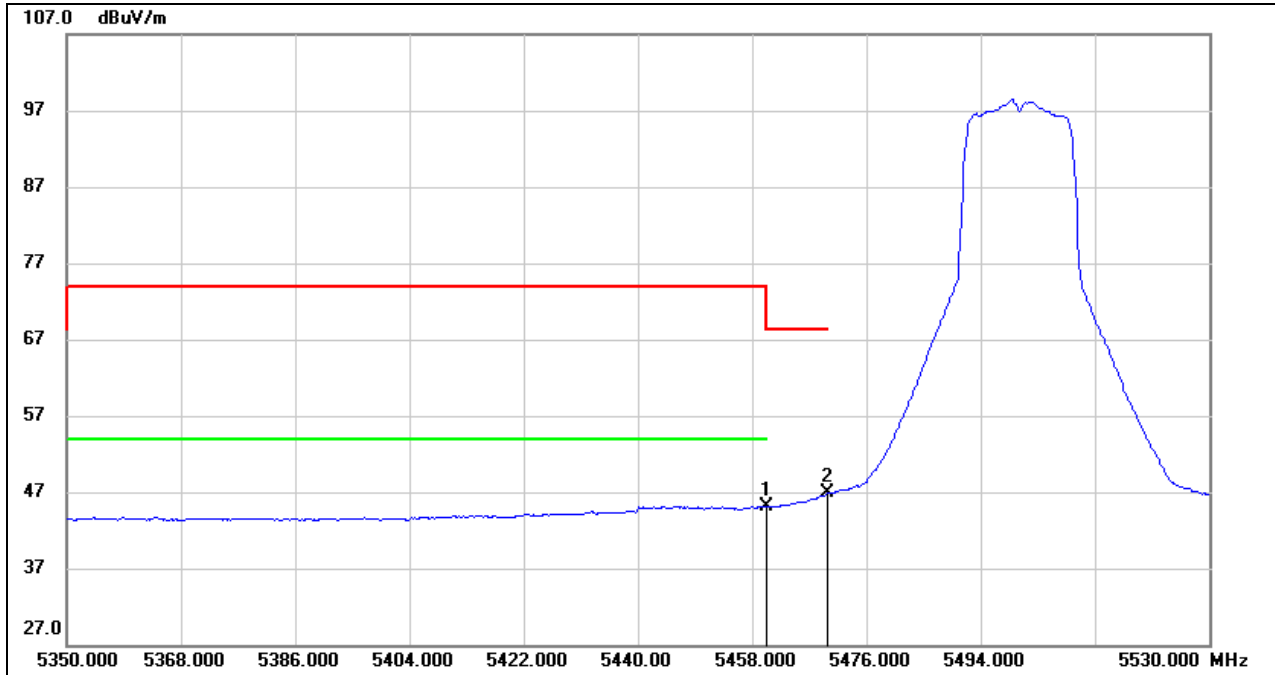


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	17.30	41.28	58.58	68.20	-9.62	peak
2	5470.000	19.96	41.41	61.37	68.20	-6.83	peak

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



AVG

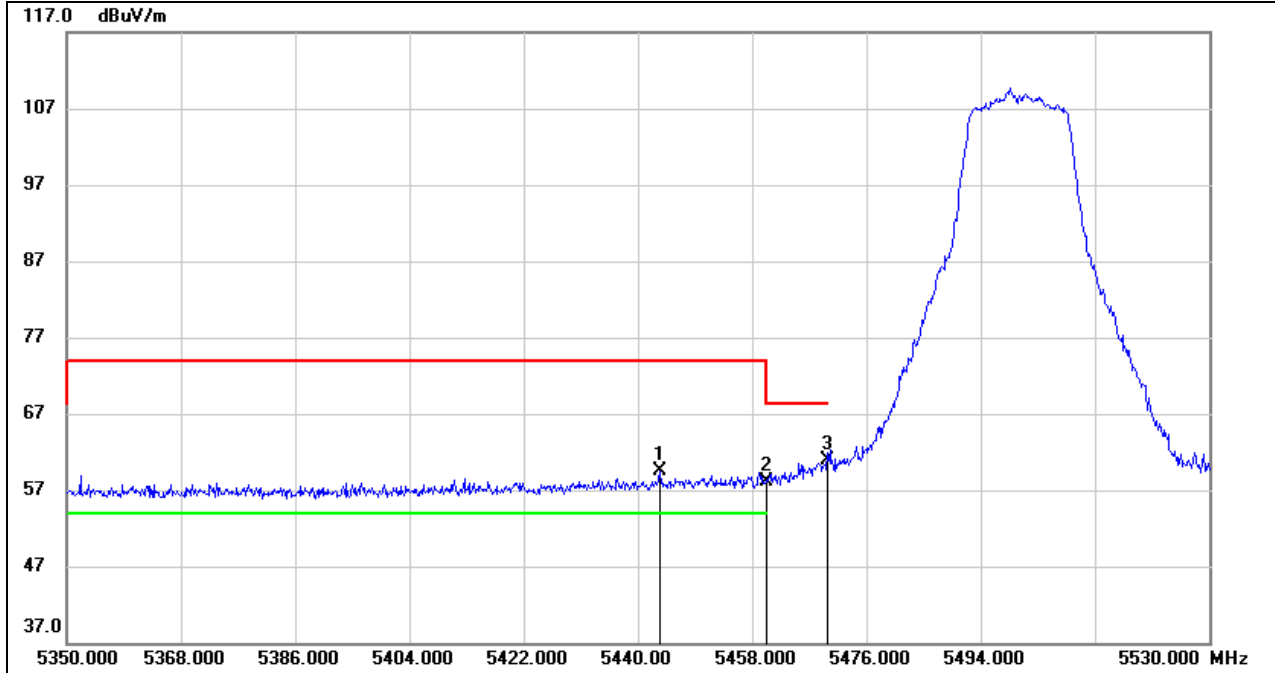


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5460.000	3.76	41.28	45.04	54.00	-8.96	AVG
2	5470.000	5.42	41.41	46.83	68.20	-21.37	AVG

- 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 7.1.
 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

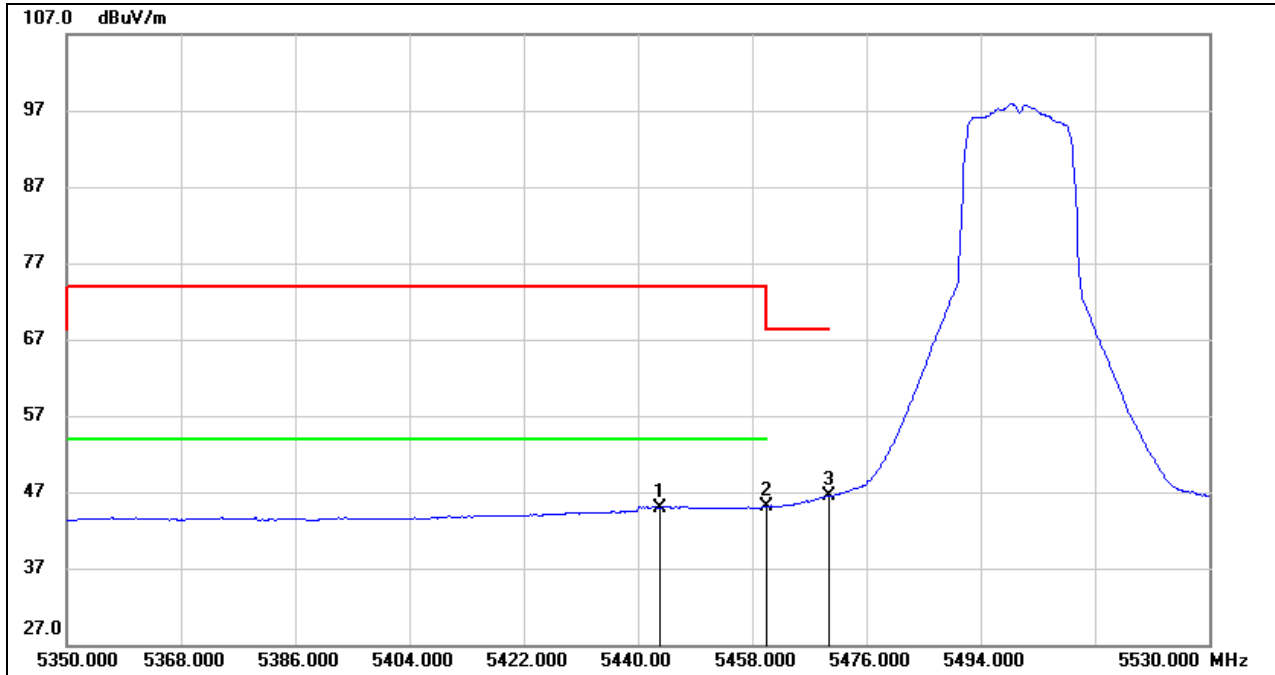


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.420	18.45	41.07	59.52	74.00	-14.48	peak
2	5460.000	16.90	41.28	58.18	68.20	-10.02	peak
3	5470.000	19.54	41.41	60.95	68.20	-7.25	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4.*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.



AVG



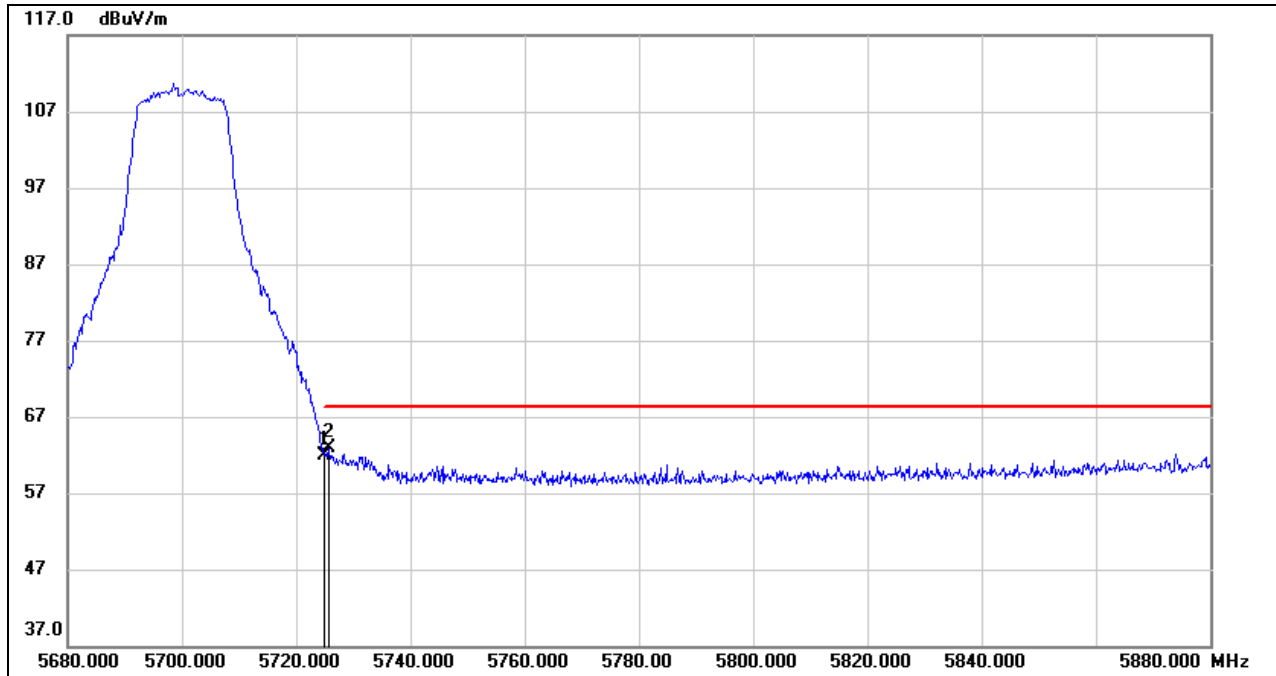
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.420	3.90	41.07	44.97	54.00	-9.03	AVG
2	5460.000	3.89	41.28	45.17	54.00	-8.83	AVG
3	5470.000	5.16	41.41	46.57	68.20	-21.63	AVG

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 7.1.
 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
PEAK

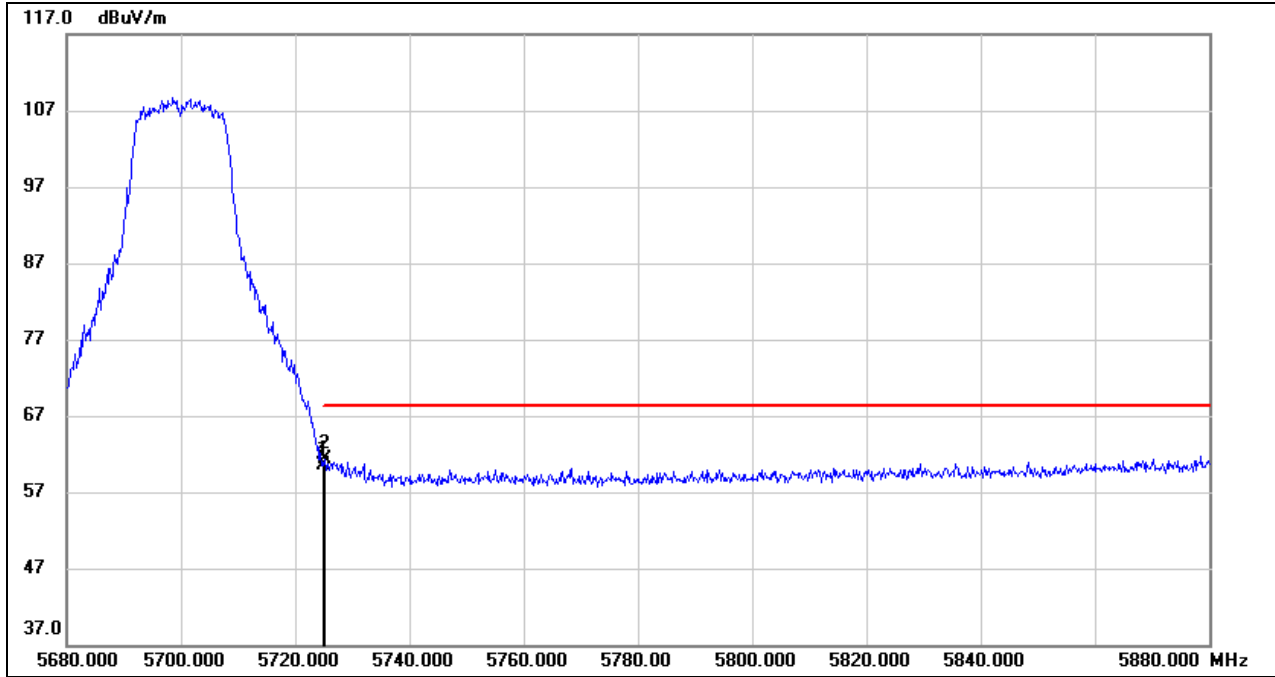


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	20.20	41.61	61.81	68.20	-6.39	peak
2	5725.600	21.21	41.61	62.82	68.20	-5.38	peak

- 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. 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



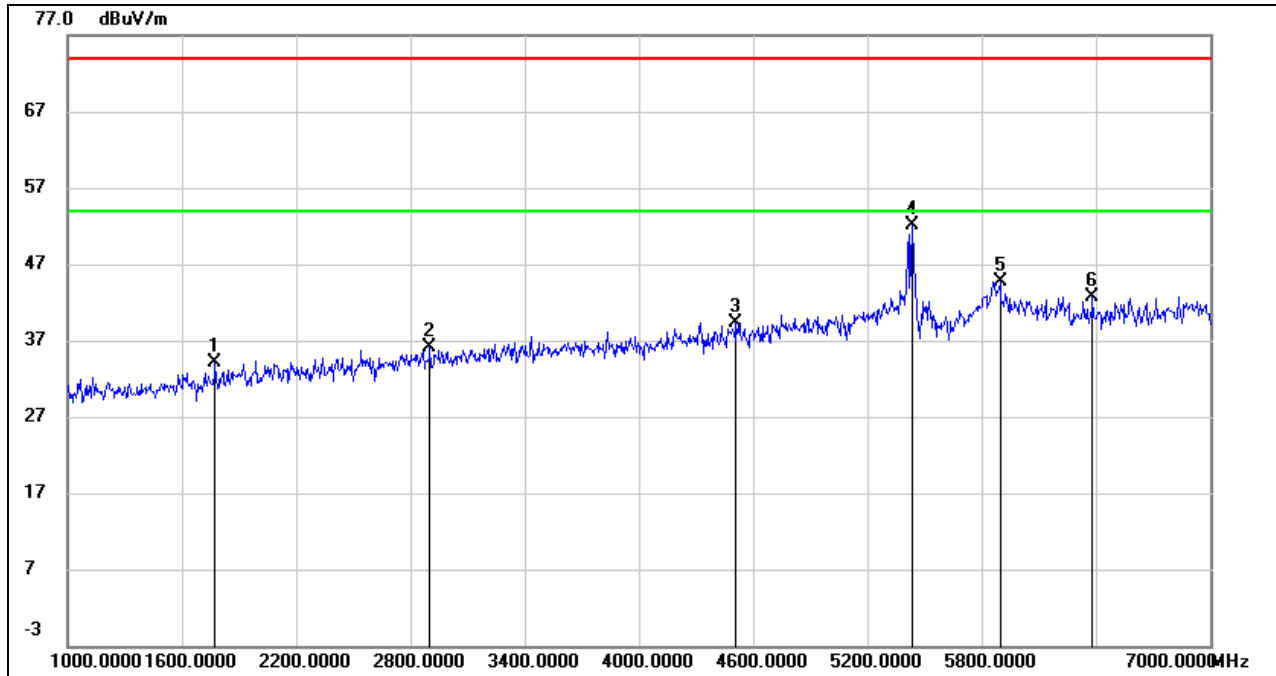
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	18.80	41.61	60.41	68.20	-7.79	peak
2	5725.200	19.75	41.61	61.36	68.20	-6.84	peak

- 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. 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

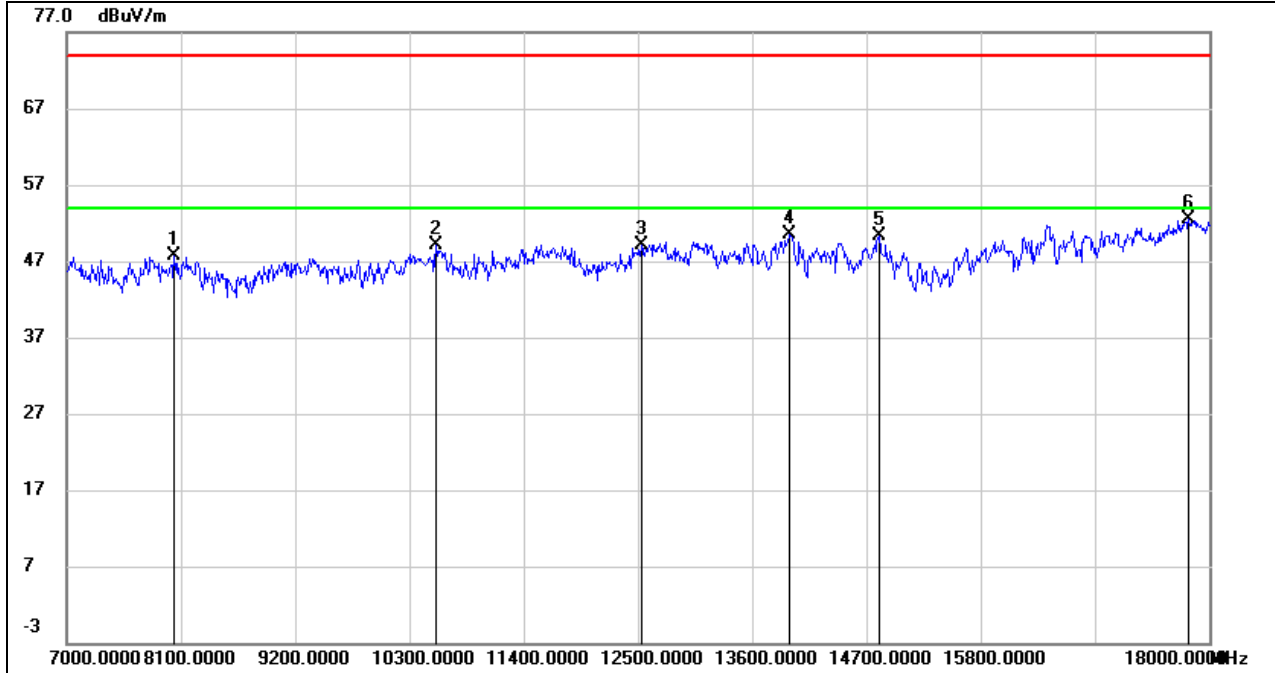


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1774.000	45.03	-11.00	34.03	74.00	-39.97	peak
2	2902.000	42.73	-6.71	36.02	74.00	-37.98	peak
3	4510.000	41.09	-1.75	39.34	74.00	-34.66	peak
4	5434.000	50.54	1.50	52.04	74.00	-21.96	peak
5	5896.000	40.46	4.25	44.71	74.00	-29.29	peak
6	6382.000	39.04	3.60	42.64	74.00	-31.36	peak

- Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



HORIZONTAL RESULTS
7-18GHz

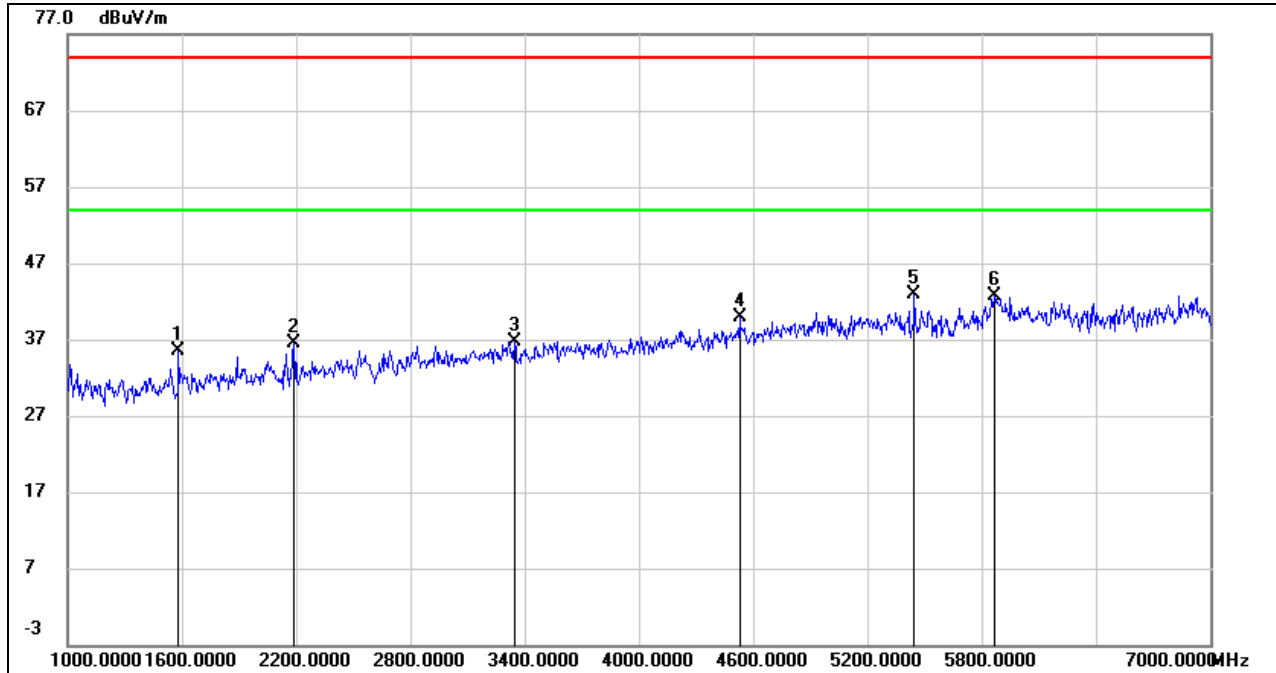


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8034.000	40.09	7.67	47.76	74.00	-26.24	peak
2	10553.000	37.21	11.93	49.14	74.00	-24.86	peak
3	12533.000	34.43	14.65	49.08	74.00	-24.92	peak
4	13963.000	34.25	16.16	50.41	74.00	-23.59	peak
5	14821.000	34.22	16.09	50.31	74.00	-23.69	peak
6	17802.000	29.07	23.41	52.48	74.00	-21.52	peak

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



VERTICAL RESULTS
1-7GHz

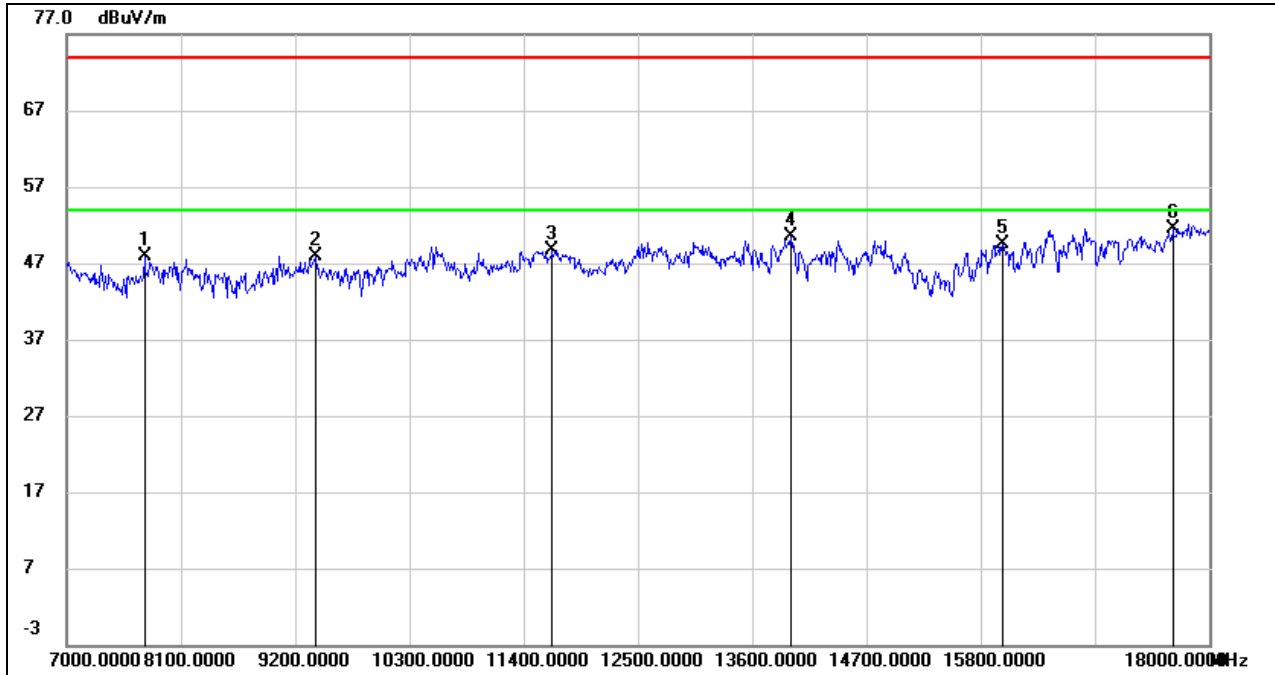


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1582.000	47.72	-12.16	35.56	74.00	-38.44	peak
2	2188.000	46.19	-9.72	36.47	74.00	-37.53	peak
3	3346.000	42.35	-5.68	36.67	74.00	-37.33	peak
4	4528.000	41.57	-1.72	39.85	74.00	-34.15	peak
5	5446.000	41.16	1.66	42.82	74.00	-31.18	peak
6	5866.000	38.93	3.70	42.63	74.00	-31.37	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.



7-18GHz



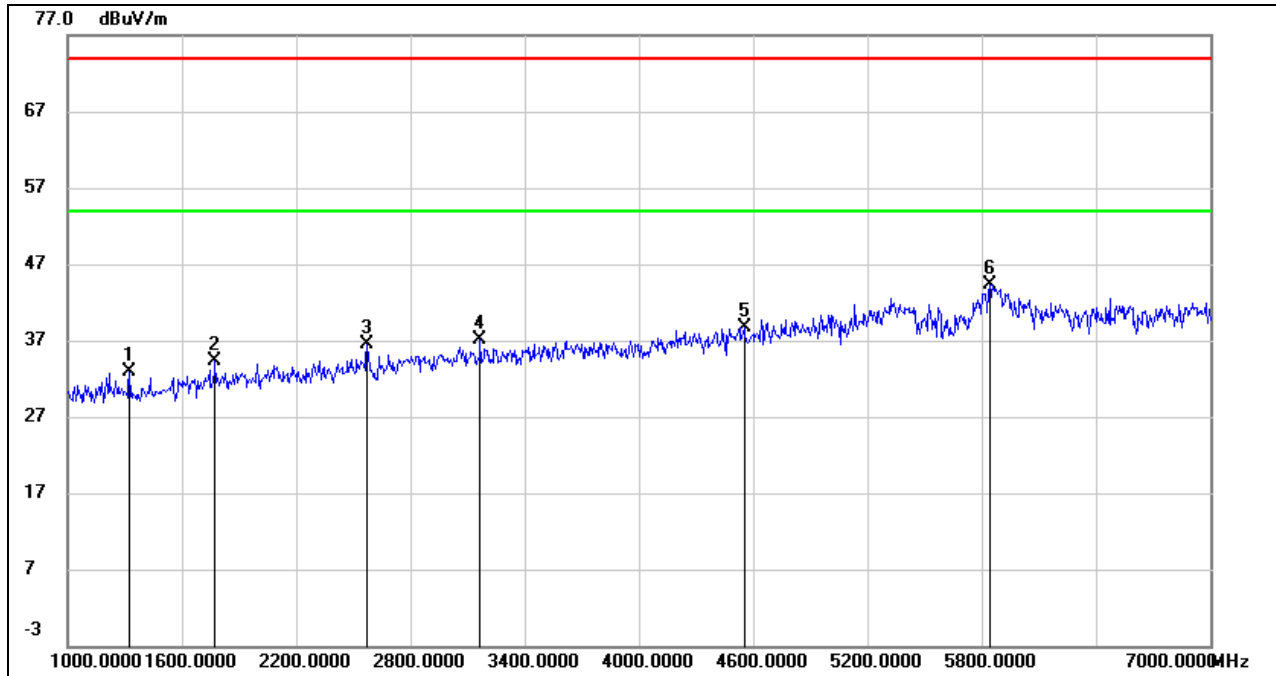
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	40.34	7.48	47.82	74.00	-26.18	peak
2	9398.000	37.98	9.93	47.91	74.00	-26.09	peak
3	11675.000	35.62	13.16	48.78	74.00	-25.22	peak
4	13974.000	34.28	16.16	50.44	74.00	-23.56	peak
5	16009.000	31.59	17.85	49.44	74.00	-24.56	peak
6	17648.000	29.42	22.16	51.58	74.00	-22.42	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was 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	1324.000	45.91	-12.94	32.97	74.00	-41.03	peak
2	1774.000	45.25	-11.00	34.25	74.00	-39.75	peak
3	2572.000	44.85	-8.42	36.43	74.00	-37.57	peak
4	3166.000	42.94	-5.89	37.05	74.00	-36.95	peak
5	4552.000	40.42	-1.68	38.74	74.00	-35.26	peak
6	5842.000	41.08	3.27	44.35	74.00	-29.65	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
 5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
 6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.