



FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

NAVIGATOR X820

MODEL NUMBER: DH-UAV-Aircraft-X820

FCC ID: SVNX820

REPORT NUMBER: 4788103049-1-9

ISSUE DATE: November 03, 2017

Prepared for

Zhejiang Dahua Vision Technology Co., Ltd.

No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Prepared by

UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch

Room 101, Building 10, Innovation Technology Park,

Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Tel: +86 769 33817100

Fax: +86 769 33244054

Website: www.ul.com

Revision History

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--	11/03/2017	Initial Issue	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Zhejiang Dahua Vision Technology Co., Ltd.
Address: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Manufacturer Information

Company Name: Zhejiang Dahua Vision Technology Co., Ltd.
Address: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

Factory Information

Company Name: Zhejiang Dahua Vision Technology Co., Ltd.
Address: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

EUT Name: NAVIGATOR X820

Brand: 

Model: DH-UAV-Aircraft-X820

Serials mode:

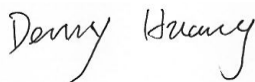
OEM-UAV-Aircraft-X820, DHI-UAV-Aircraft-X820,
UAV-Aircraft-X820, DH-UAV-Aircraft-X820S,
OEM-UAV-Aircraft-X820S, DHI-UAV-Aircraft-X820S,
UAV-Aircraft-X820S, DH-UAV-Aircraft-X820L,
OEM-UAV-Aircraft-X820L, DHI-UAV-Aircraft-X820L,
UAV-Aircraft-X820L

Model Difference: All the same except for the model name.

Date of Tested: September 01, 2017~ October 22, 2017

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
CFR 47 Part 15 Subpart C	Pass

Prepared By:



Denny Huang
Engineer Project Associate
Approved By:



Stephen Guo

Laboratory Manager

Checked By:



Shawn Wen
Laboratory Leader

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC CFR 47 Part 2, FCC CFR 47 Part 15 and ANSI C63.10-2013.

3. FACILITIES AND ACCREDITATION

Test Location	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch.
Address	Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China
Accreditation Certificate	UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been accredited by A2LA for technical competence in the field of electrical testing, and proved to be in compliance with ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories and any additional program requirements in the identified field of testing. The Certificate Registration Number is 4102.01. UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The Designation Number is CN1187. UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. EMC Laboratory has been registered and fully described in a report filed with Industry Canada. The Company Number is 21320.

Note: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and it is show to be equivalent to worst case from the open field site.

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

Test Item	Uncertainty
Uncertainty for Conduction emission test	2.90dB
Uncertainty for Radiation Emission test(include Fundamental emission) (30MHz-1GHz)	4.52dB
Uncertainty for Radiation Emission test (1GHz to 26GHz)(include Fundamental emission)	5.04dB(1-6GHz)
	5.30dB (6GHz-18Gz)
	5.23dB (18GHz-26Gz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

Equipment	NAVIGATOR X820
Model Name	DH-UAV-AIRCRAFT-X820
Operation frequency	2413MHz~2475MHz
Modulation	QPSK, 16QAM, OFDM
Bandwidth	10M/20M
Adapter	N/A
Battery	DC 22.2V, 22000mAh

5.2. MAXIMUM EMISSIONS FIELD STRENGTH

Frequency Range (MHz)	Number of Transmit Chains (NTX)	Frequency (MHz)	Max. Emissions Field Strength (dBμV/m)
2413 ~ 2475	1	2413 ~ 2475	109.17

5.3. TEST CHANNEL CONFIGURATION

Bandwidth	Low	Middle	High
10M	59830	60140	60450
	2413MHz	2444MHz	2475MHz
20M	59880	60140	60400
	2418MHz	2444MHz	2470MHz

5.4. TEST ENVIRONMENT

Environment Parameter	Selected Values During Tests	
Relative Humidity	55 ~ 65%	
Atmospheric Pressure:	1025Pa	
Temperature	TN	23 ~ 28°C
Voltage :	VL	N/A
	VN	DC 22.2V
	VH	N/A

Note: VL= Lower Extreme Test Voltage
VN= Nominal Voltage
VH= Upper Extreme Test Voltage
TN= Normal Temperatur

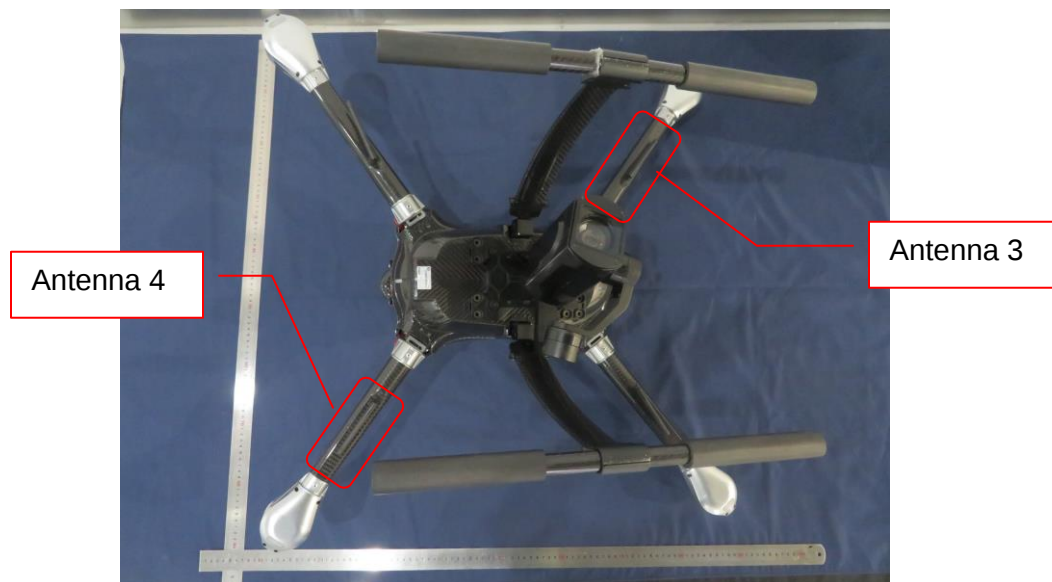
5.5. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
3	2413MHz~2475MHz	External Antenna	5.0

Test Mode	Transmit and Receive Mode	Description
QPSK, 16QAM, OFDM	☒ 1TX, 1RX	Chain 1 can be used as transmitting/receiving antenna.

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
4	2413MHz~2475MHz	External Antenna	5.0

Test Mode	Transmit and Receive Mode	Description
QPSK, 16QAM, OFDM	☒ 1RX	Chain 4 can be used as receiving antenna.



5.6. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter				
Test Software Version		10M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
QPSK	1	CH 59830	CH 60140	CH 60450
		110	110	110

The Worse Case Power Setting Parameter				
Test Software Version		10M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
16QAM	1	CH 59830	CH 60140	CH 60450
		110	110	110

The Worse Case Power Setting Parameter				
Test Software Version		10M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
OFDM	1	CH 59830	CH 60140	CH 60450
		110	110	110

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
QPSK	1	CH 59880	CH 60140	CH 60400
		110	110	110

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
16QAM	1	CH 59880	CH 60140	CH 60400
		110	110	110

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number			
OFDM	1	CH 59880	CH 60140	CH 60400
		110	110	110

5.7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	P/N
1	Laptop	ThinkPad	T460S	SL10K24796 JS

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	N/A	N/A	N/A	N/A	N/A

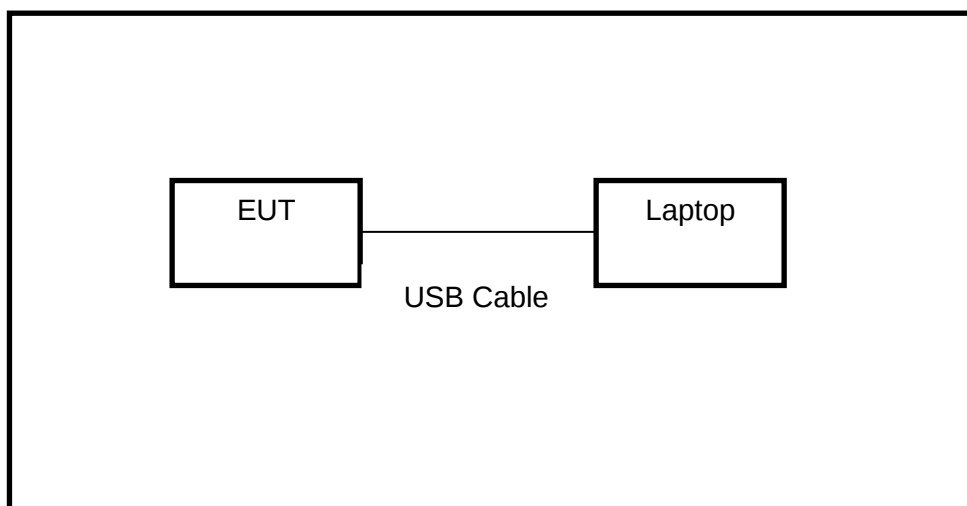
ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	N/A	N/A	N/A	N/A

TEST SETUP

The EUT can work in engineering mode with a software through a Laptop.

SETUP DIAGRAM FOR TESTS



5.8. MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emissions						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Feb. 24, 2017	Feb. 24, 2018
☒	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Jan.09, 2016	Jan.09, 2019
☒	Preamplifier	HP	8447D	2944A09099	Feb. 13, 2017	Feb. 13, 2018
☒	EMI Measurement Receiver	R&S	ESR26	101377	Dec. 20, 2016	Dec. 20, 2017
☒	Horn Antenna	TDK	HRN-0118	130939	Jan. 09, 2016	Jan. 09, 2019
☒	High Gain Horn Antenna	Schwarzbeck	BBHA-9170	691	Jan.06, 2016	Jan.06, 2019
☒	Preamplifier	TDK	PA-02-0118	TRS-305-00066	Jan. 14, 2017	Jan. 14, 2018
☒	Preamplifier	TDK	PA-02-2	TRS-307-00003	Dec. 20, 2016	Dec. 20, 2017
☒	Loop antenna	Schwarzbeck	1519B	00008	Mar. 26, 2016	Mar. 25, 2019
Software						
Used	Description		Manufacturer	Name		Version
☒	Test Software for Radiated disturbance		Farad	EZ-EMC		Ver. UL-3A1
Other instruments						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☒	Spectrum Analyzer	Keysight	N9030A	MY55410512	Dec. 20, 2016	Dec. 20, 2017
☒	Signal Analyzer	R&S	FSV40	A1512015	Dec.20,2016	Dec.20,2017

6. SUMMARY OF TEST RESULTS

Summary of Test Results			
Clause	Test Items	FCC/IC Rules	Test Results
1	20dB Bandwidth	FCC 15.215	Pass
2	TX Spurious Emission	FCC 15.249 (a)(d)(e) FCC 15.209 FCC 15.205	Pass
3	Conducted Emission Test For AC Power Port	FCC 15.207	N/A

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

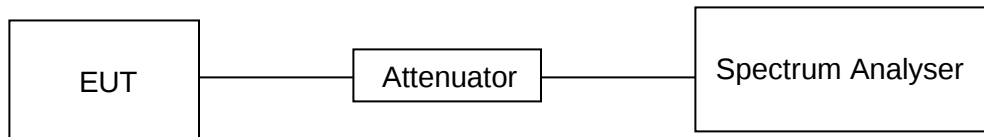
LIMITS

None; for reporting purposes only

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP

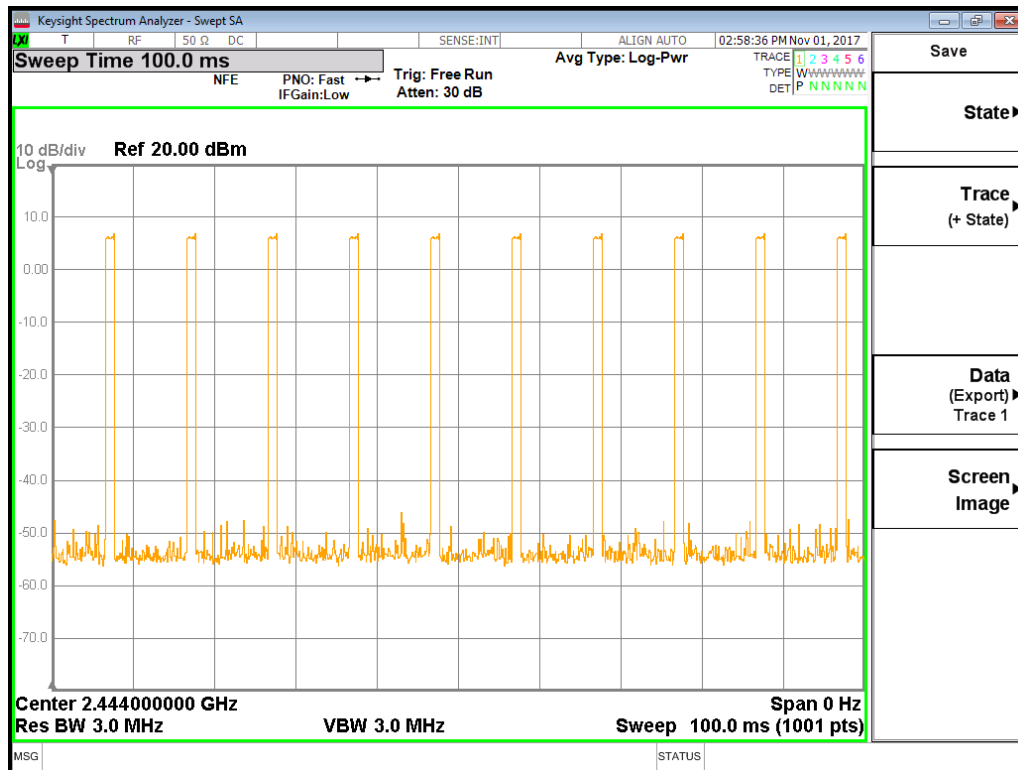


RESULTS

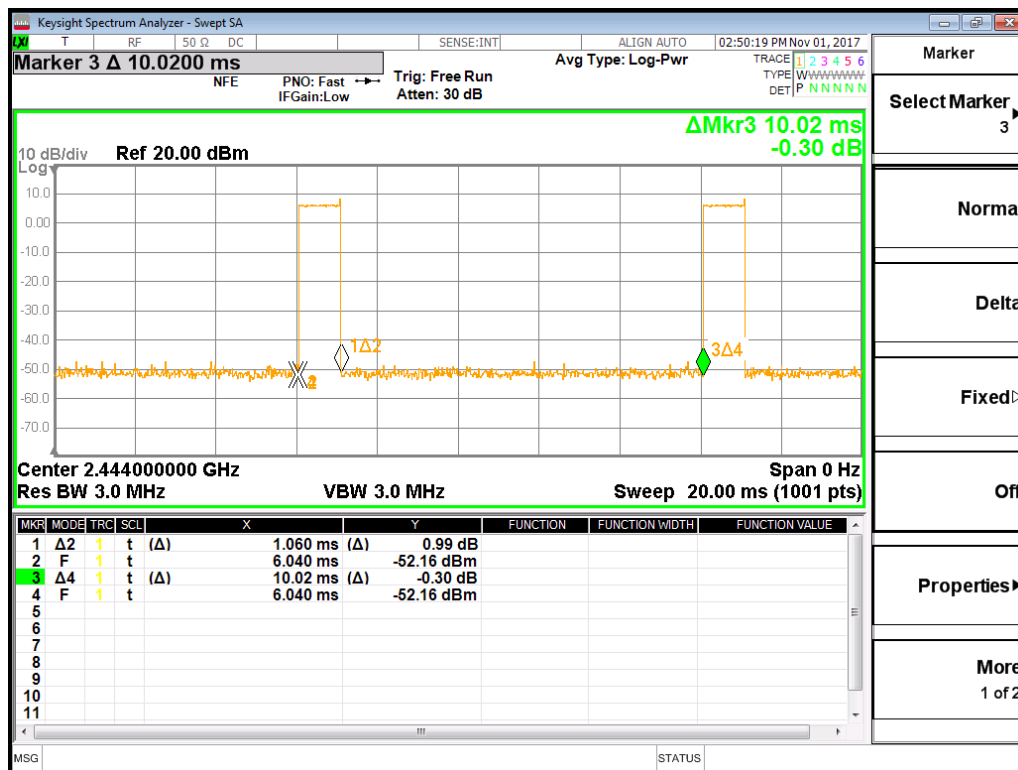
Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)	1/T Minimum VBW (KHz)
QPSK	1.060	10.020	0.11	11%	9.59	0.900

Note: Duty Cycle Correction Factor= $10\log(1/x)$.
Where: x is Duty Cycle (Linear)
Where: T is On Time (transmit duration)

ON TIME AND DUTY CYCLE MID CH PLOT-1



ON TIME AND DUTY CYCLE MID CH PLOT-2



Note: The duty cycle of all modulations and bandwidths are the same, so we only report one mode and this will apply for all other mode.

7.2. 20 dB BANDWIDTH**LIMITS**

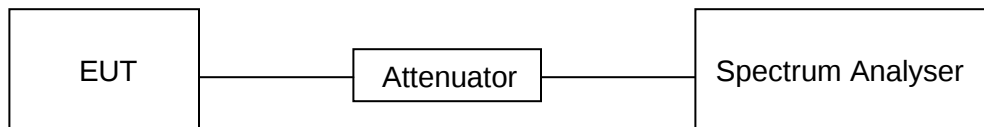
FCC Part15 (15.249) , Subpart C			
Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.249(d)	Bandwidth	for reporting purposes only	2400-2483.5

TEST PROCEDURE

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

Center Frequency	The centre frequency of the channel under test
Detector	Peak
RBW	1% to 5% of the occupied bandwidth
VBW	approximately 3×RBW
Trace	Max hold
Sweep	Auto couple

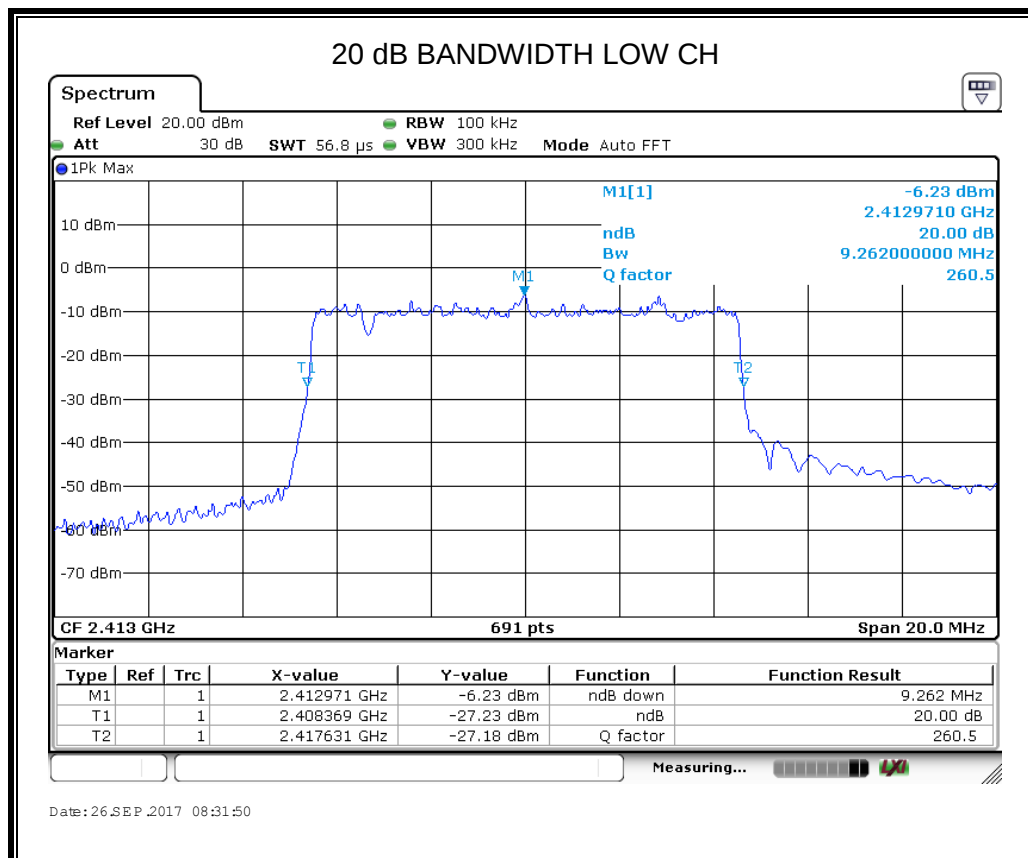
Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 20 dB relative to the maximum level measured in the fundamental emission.

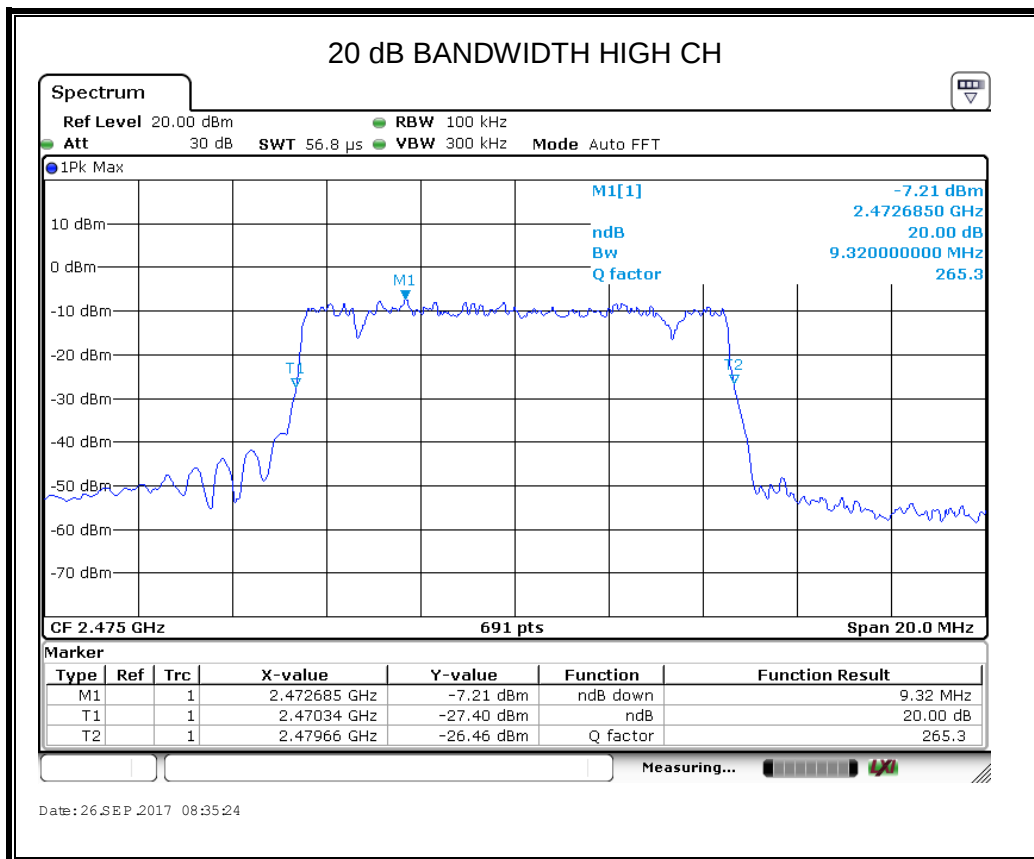
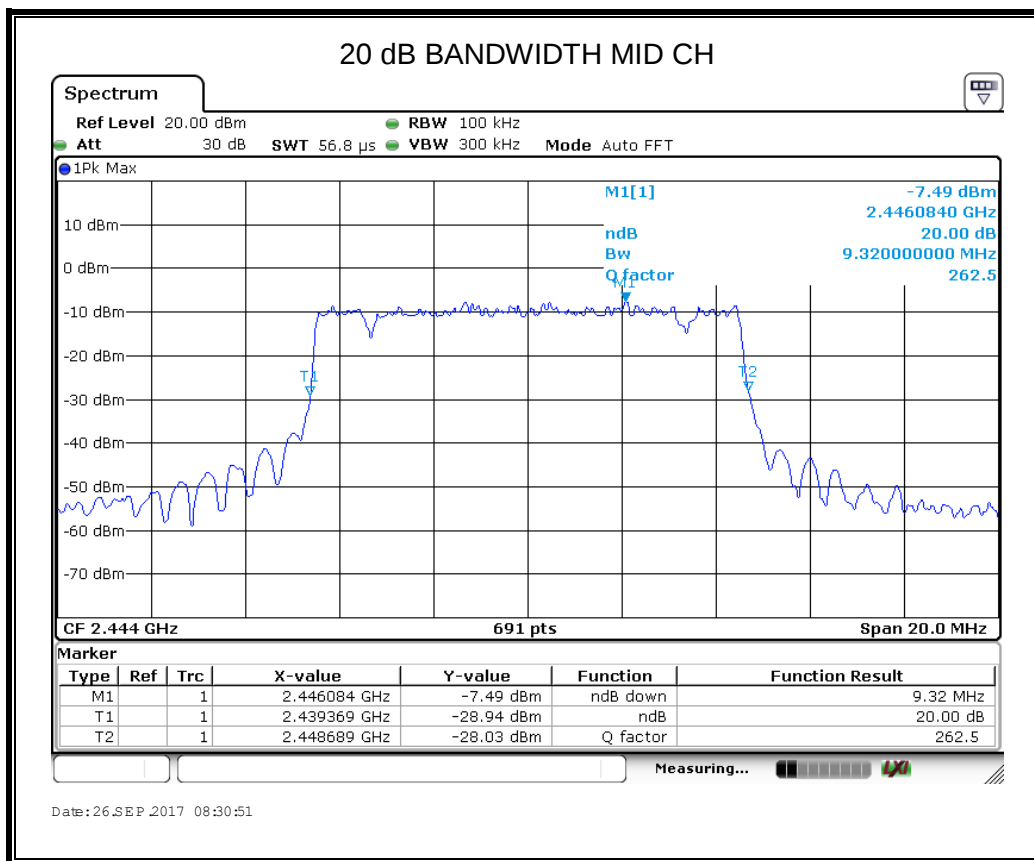
TEST SETUP

RESULTS

QPSK 10MHz Bandwidth Mode

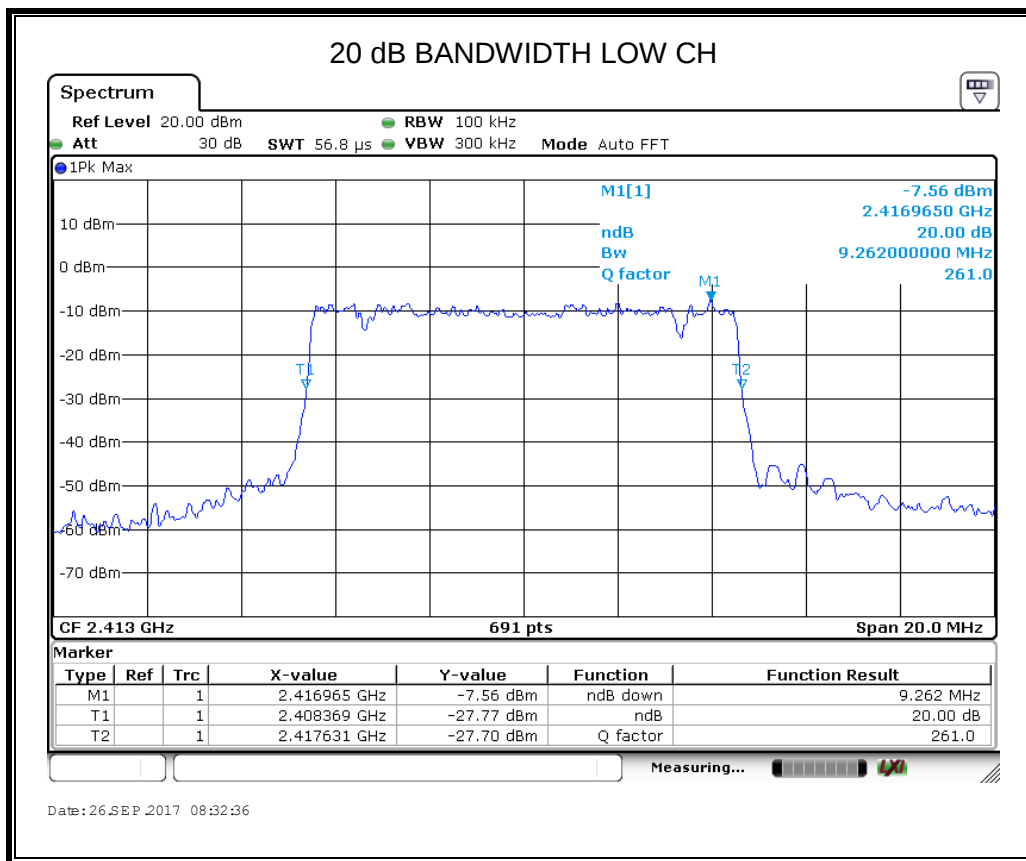
Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2413	9.262	Pass
Middle	2444	9.320	Pass
High	2475	9.320	Pass

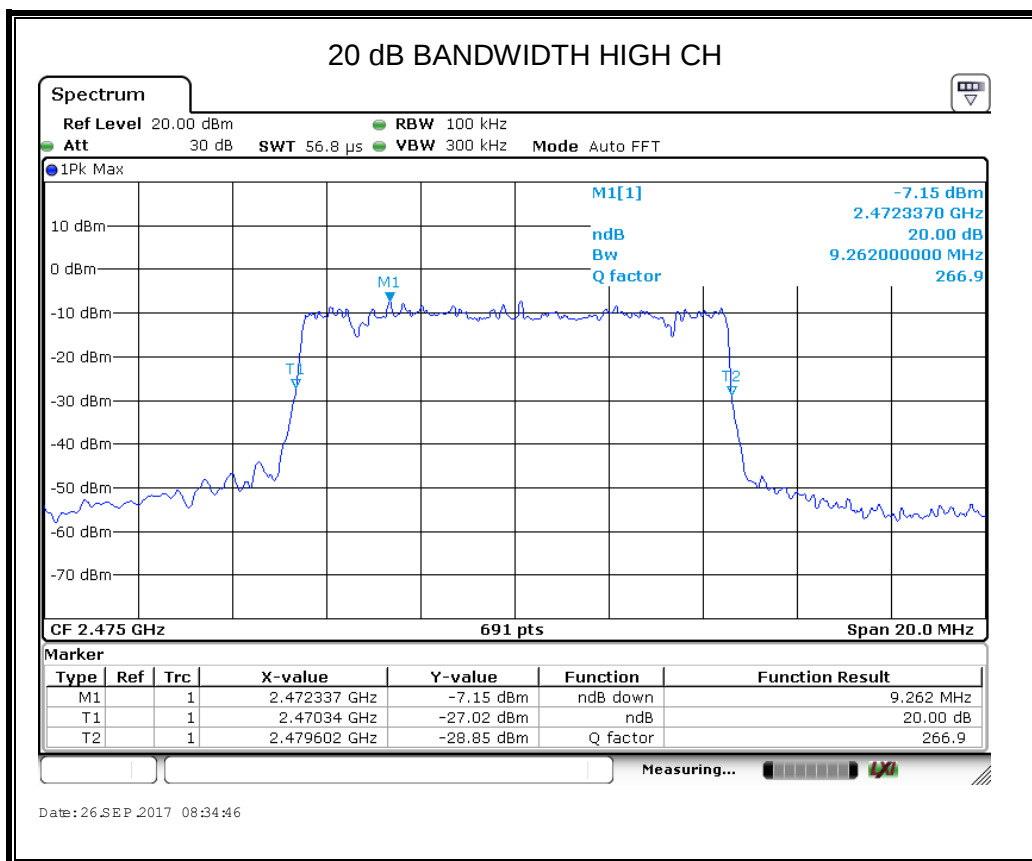
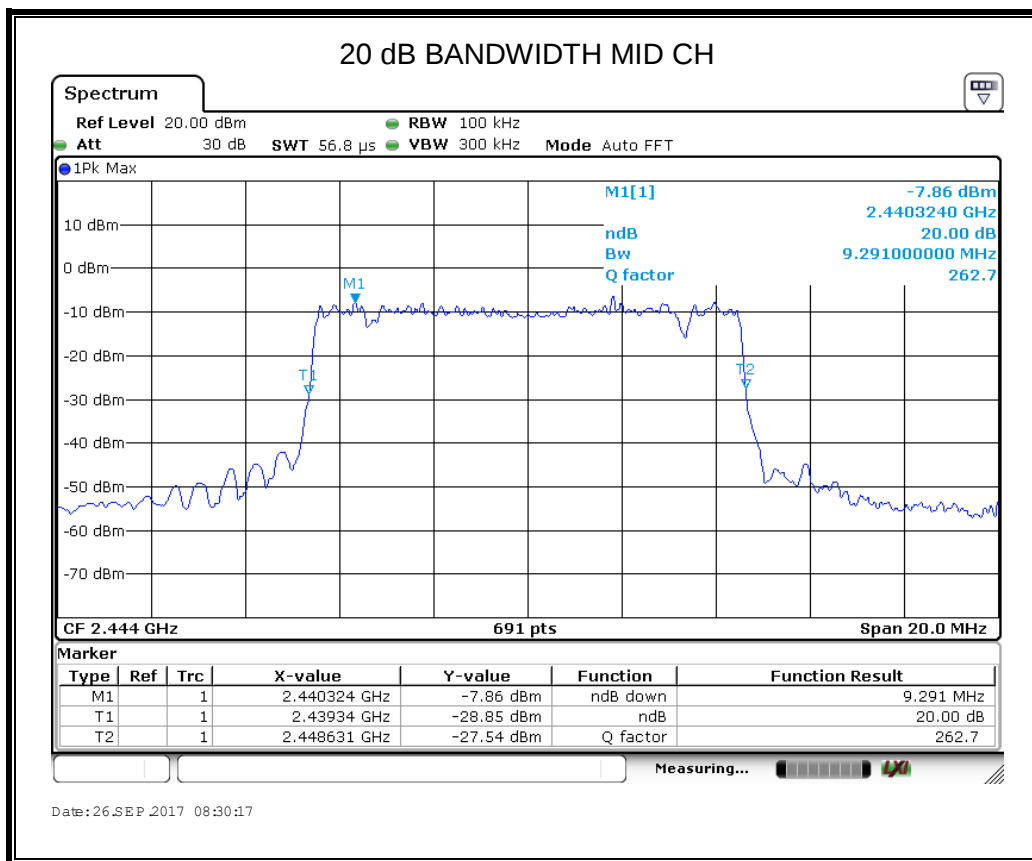




16QAM 10MHz Bandwidth Mode

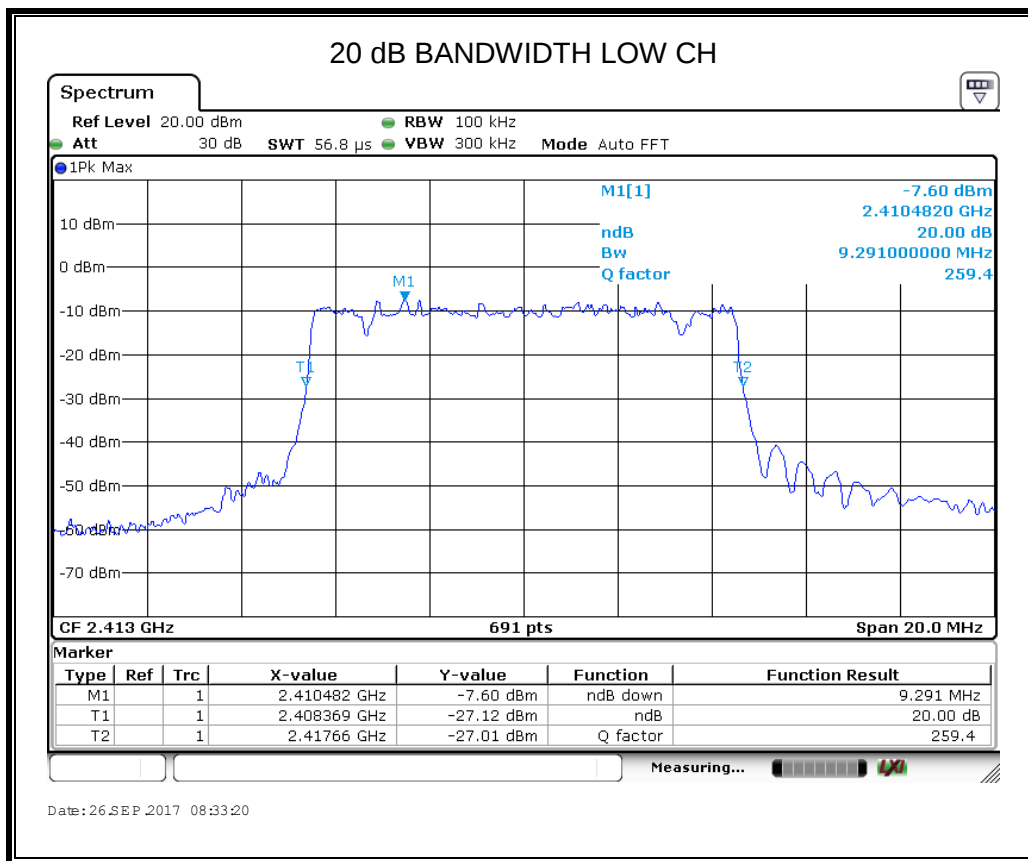
Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2413	9.262	Pass
Middle	2444	9.291	Pass
High	2475	9.262	Pass

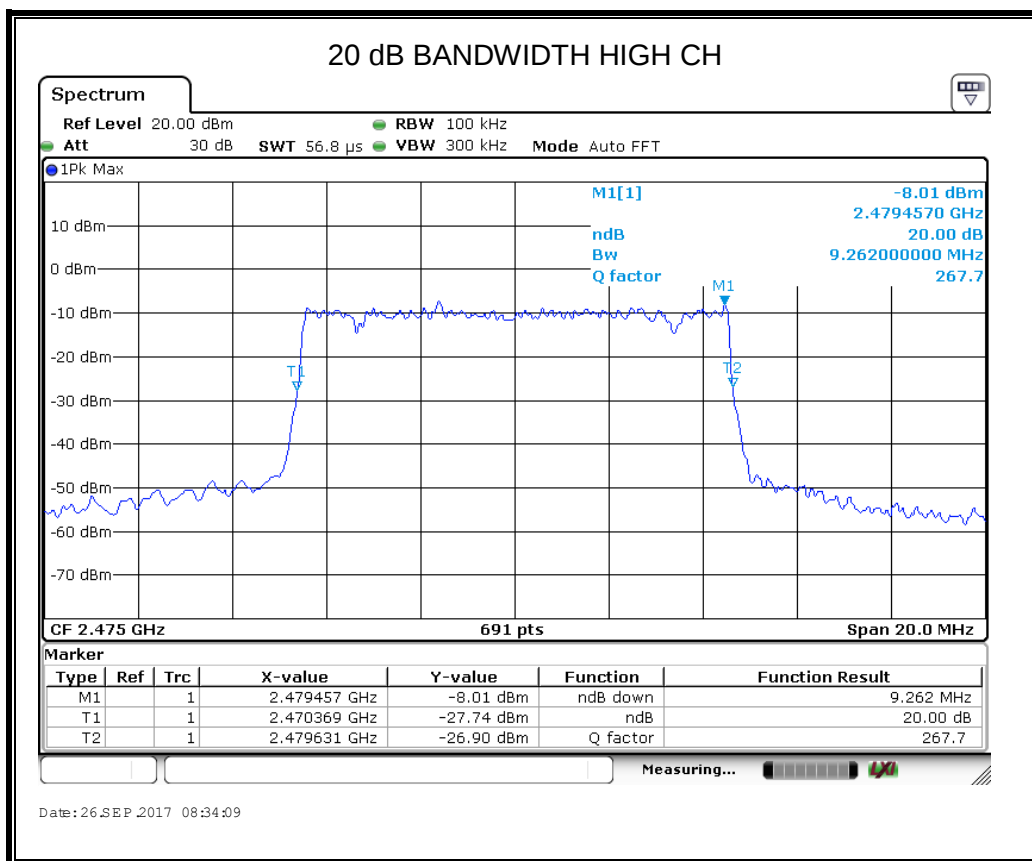
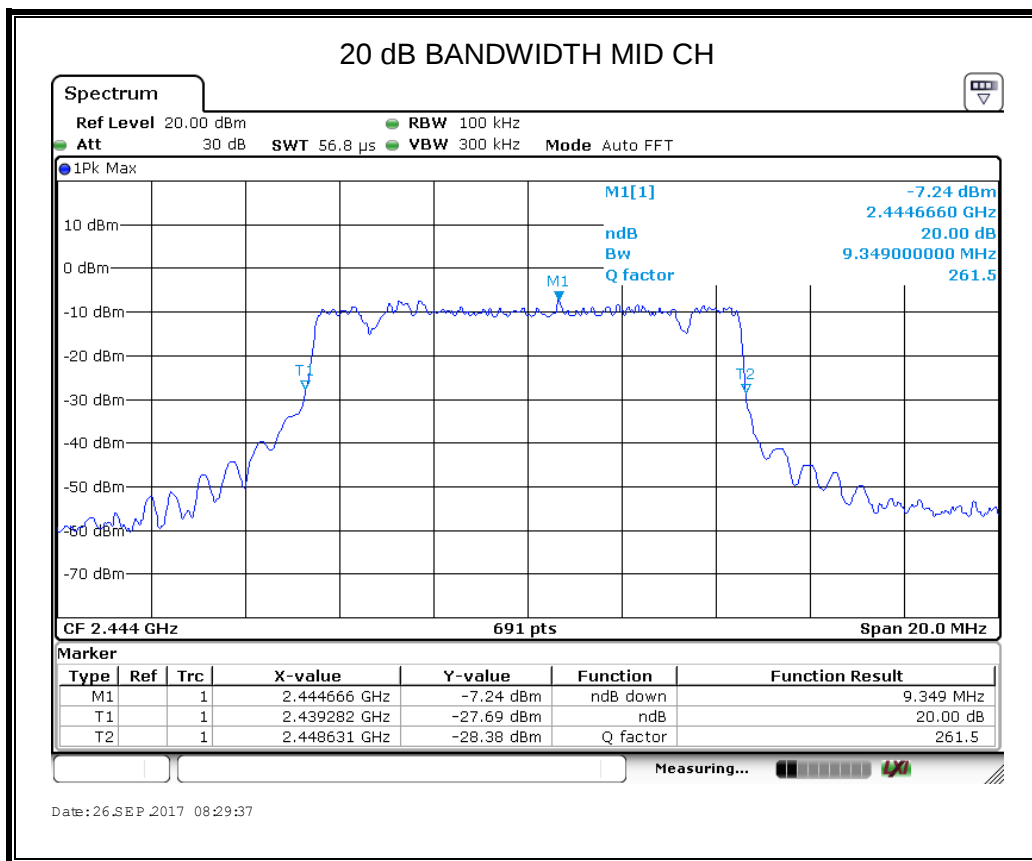




OFDM 10MHz Bandwidth Mode

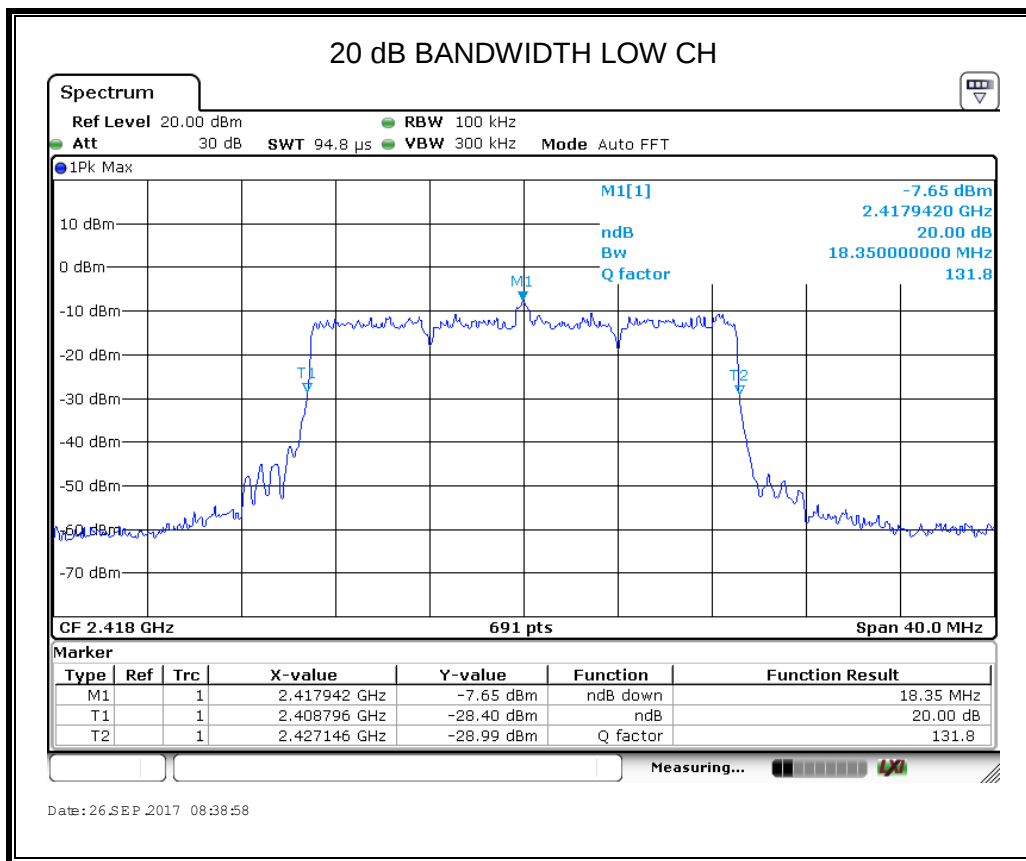
Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2413	9.291	Pass
Middle	2444	9.349	Pass
High	2475	9.262	Pass

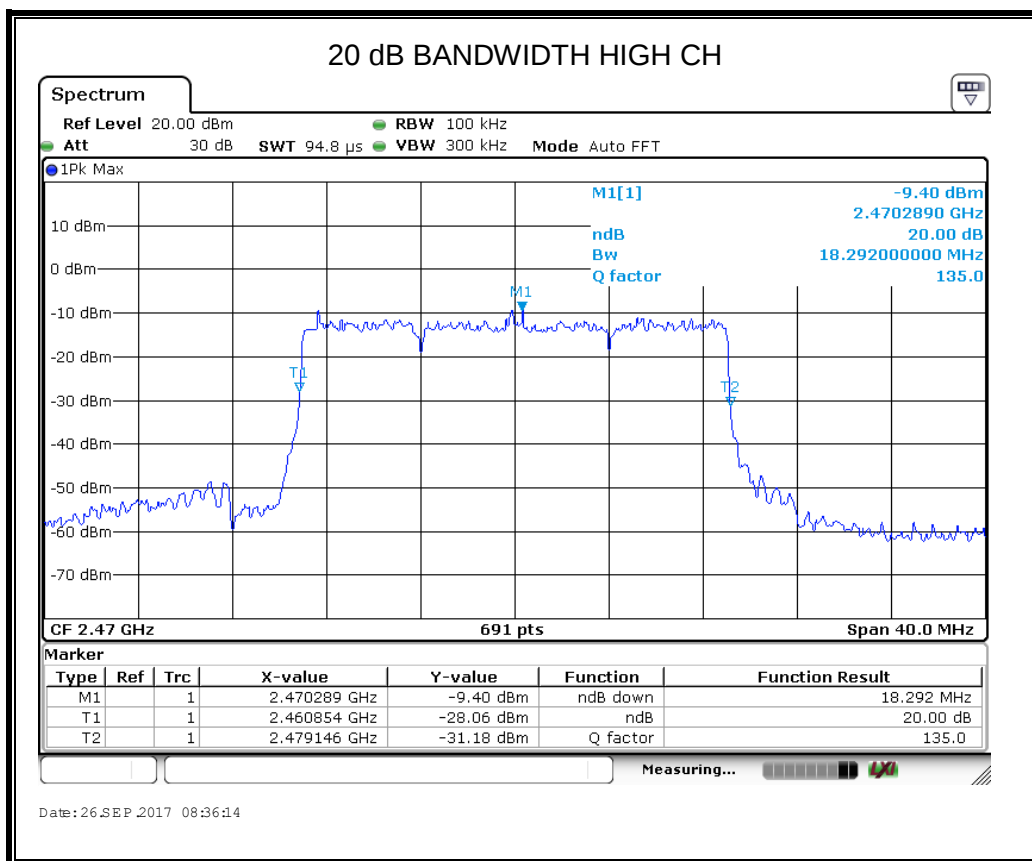
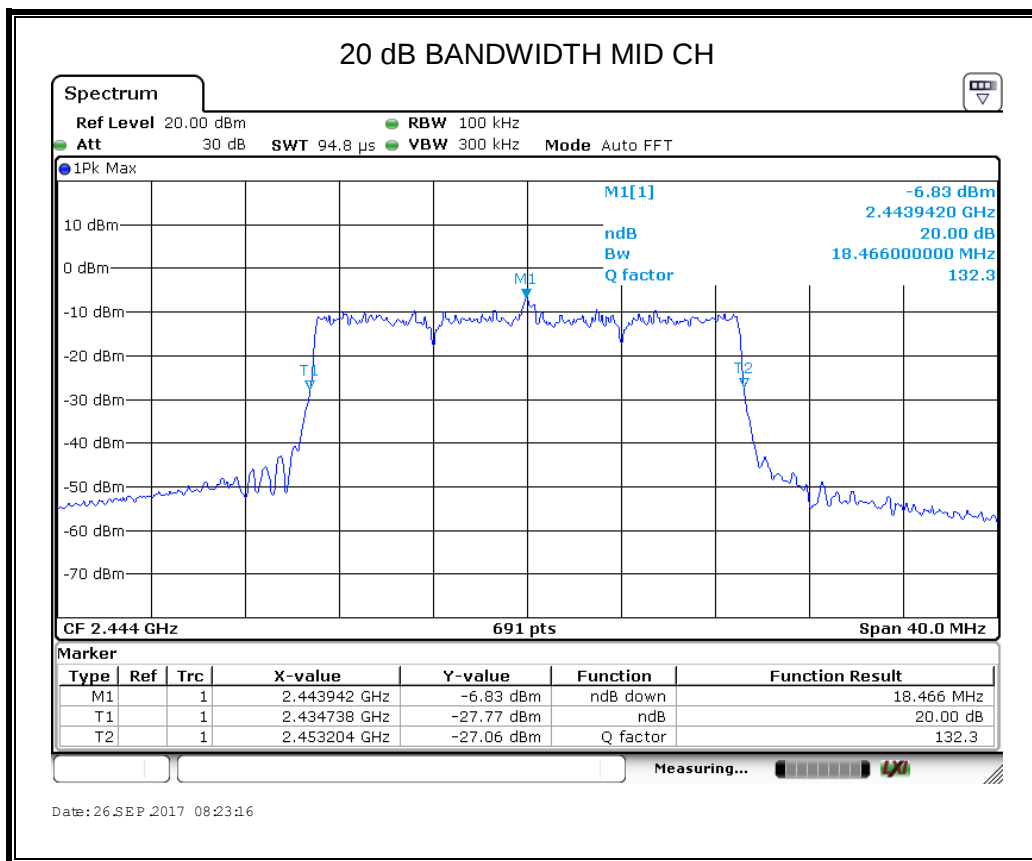




QPSK 20MHz Bandwidth Mode

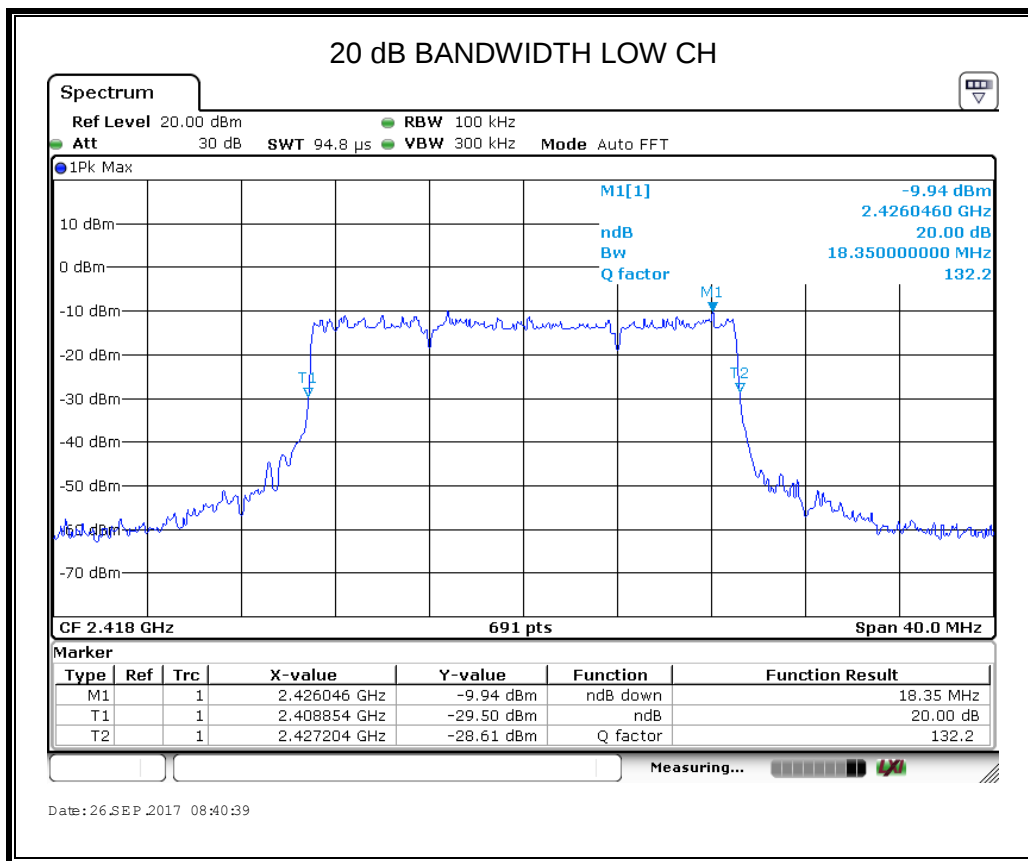
Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.350	Pass
Middle	2444	18.466	Pass
High	2470	18.292	Pass

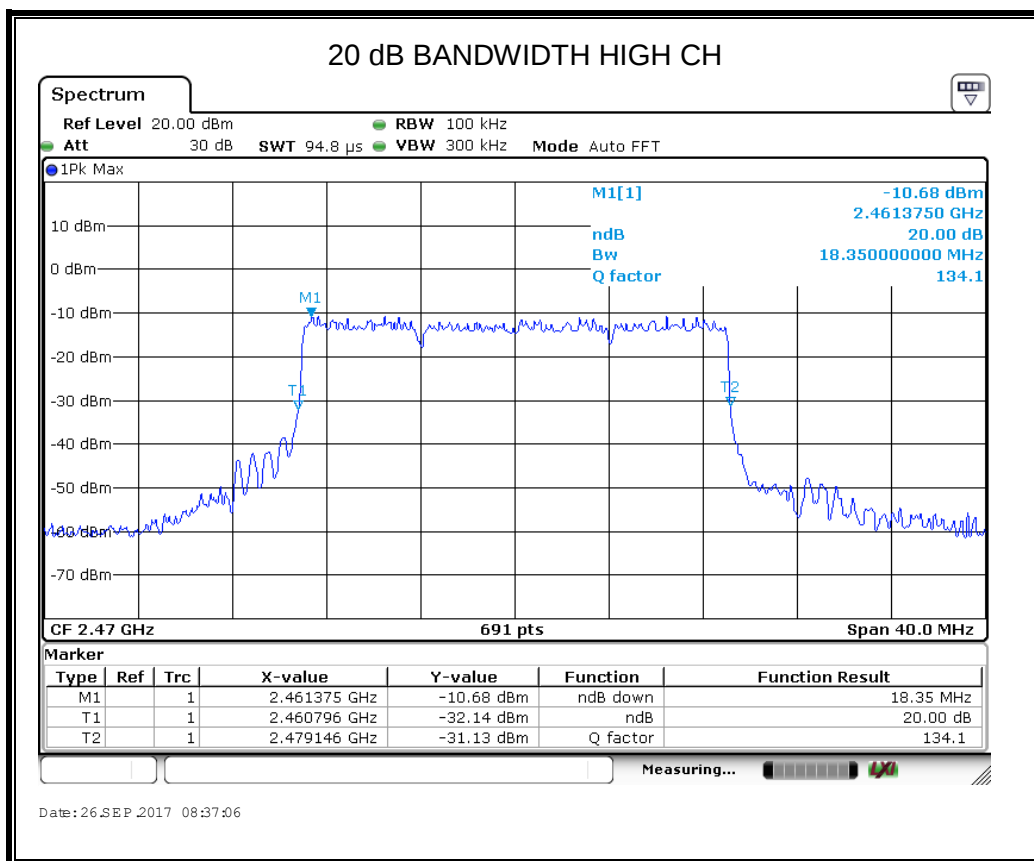
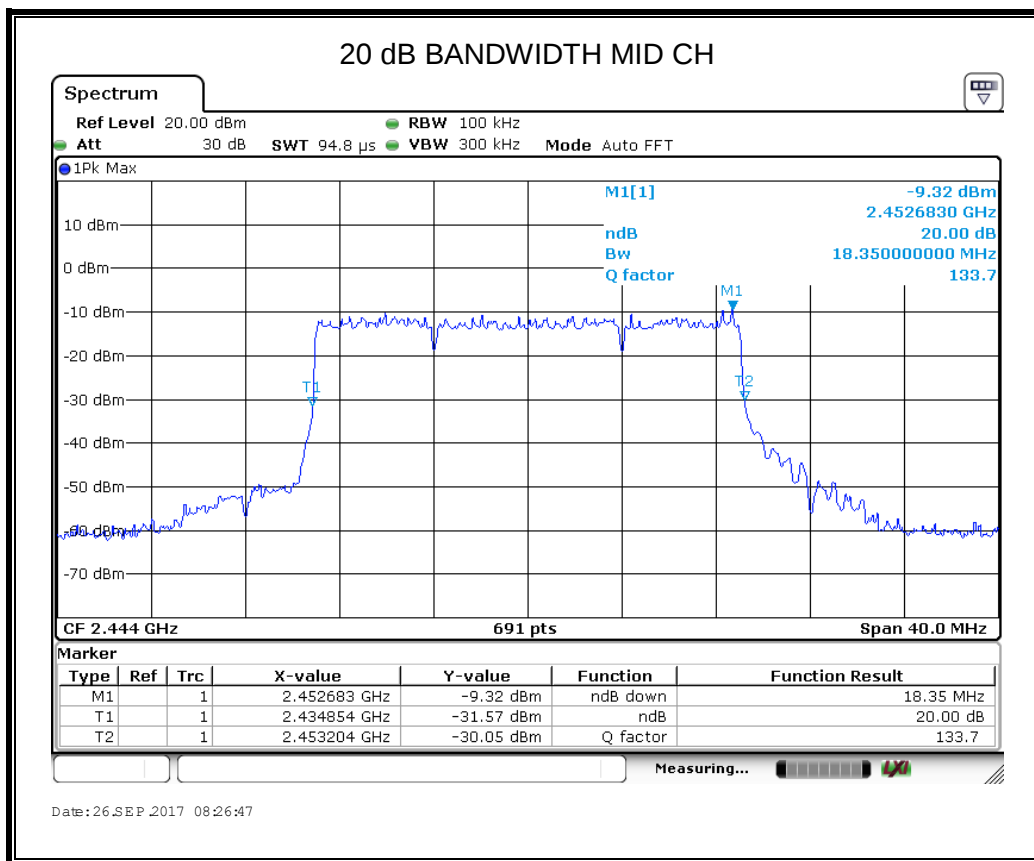




16QAM 20MHz Bandwidth Mode

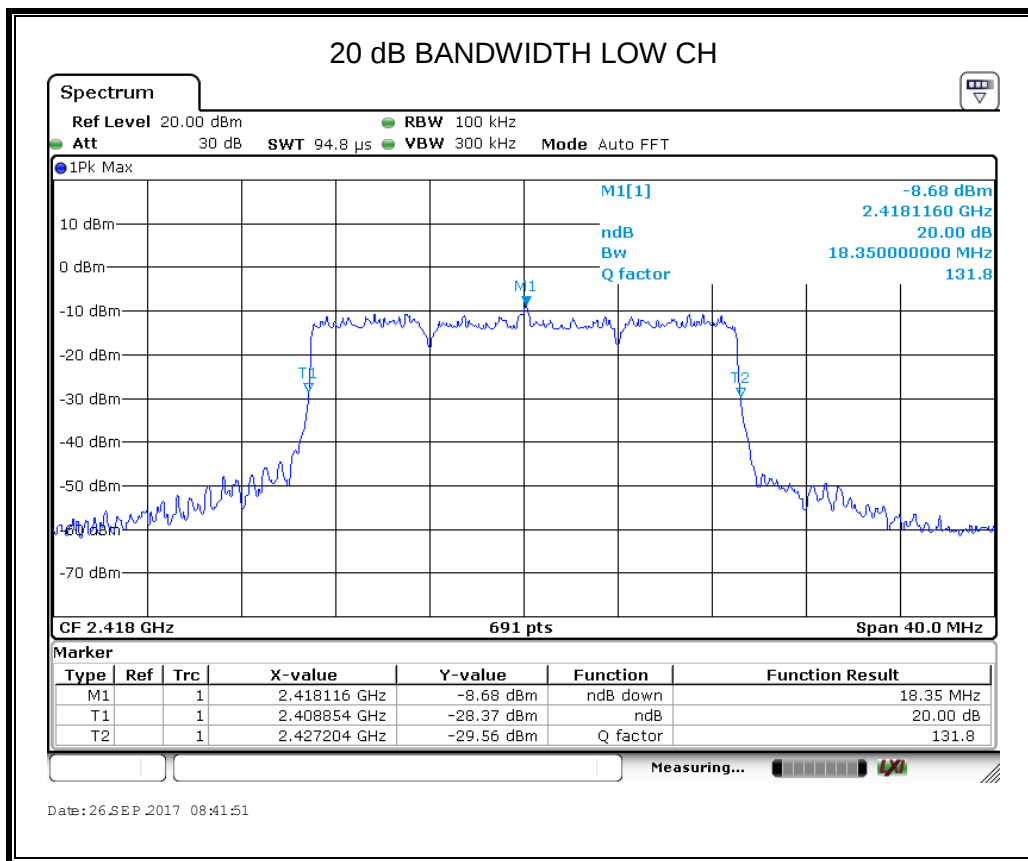
Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.350	Pass
Middle	2444	18.350	Pass
High	2470	18.350	Pass

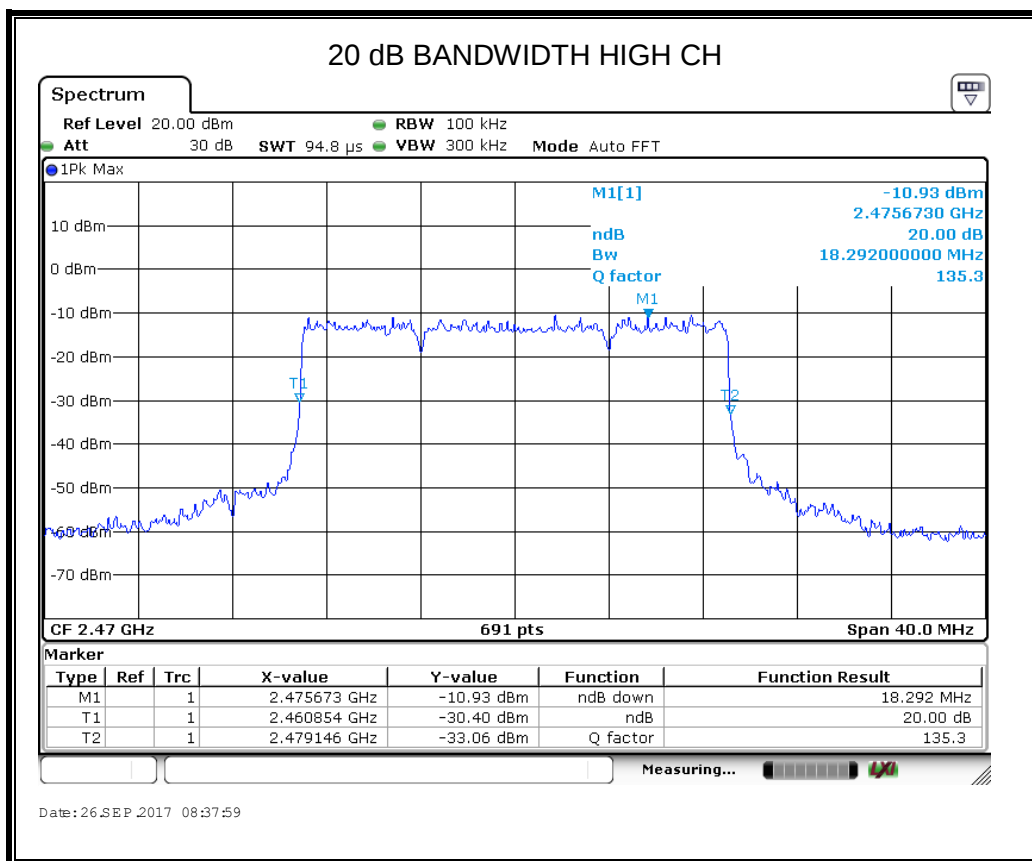
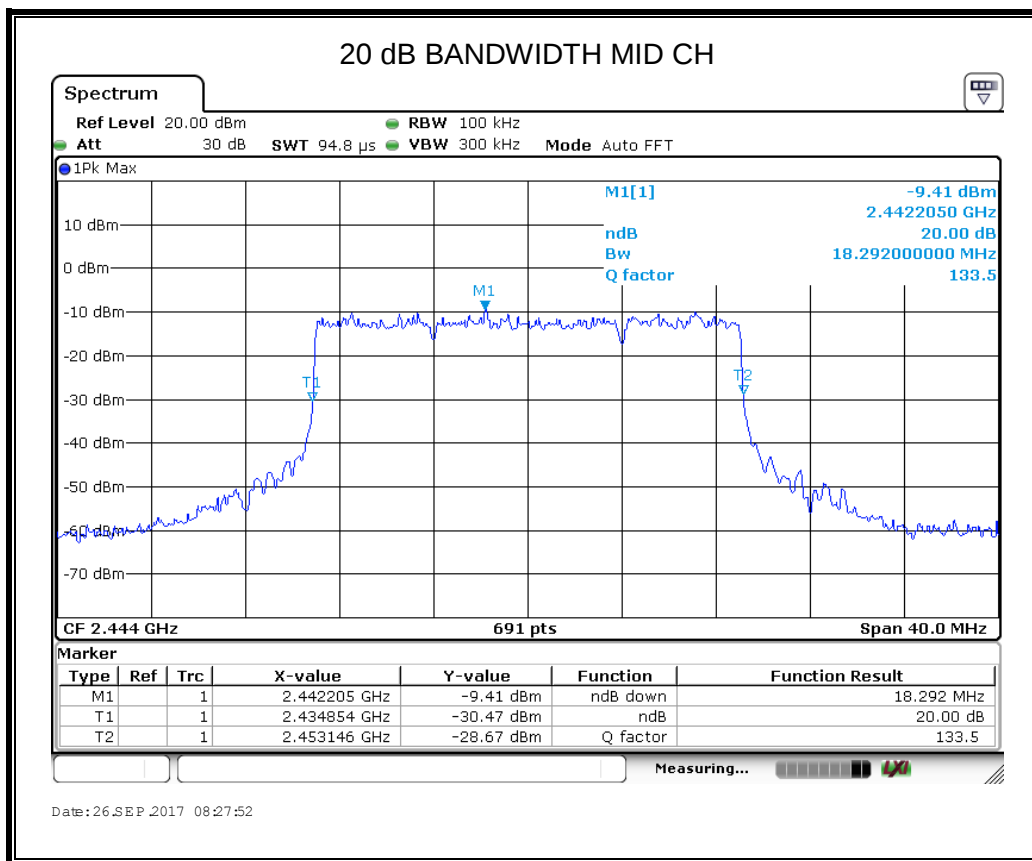




OFDM 20MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.350	Pass
Middle	2444	18.292	Pass
High	2470	18.292	Pass





8. RADIATED TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

Please refer to FCC §15.205 and §15.209

Please refer to FCC §15.249 (a)(d)(e)

The field strength of emissions from intentional radiators operated within these frequency bands			
Frequency (MHz)	Field strength of Fundamental	Field strength of Harmonics	Distance (m)
902 - 928	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3
2400 – 2483.5	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3
5725 – 5875	50 mV/m (94dBuV/m)	500 uV/m (54dBuV/m)	3

Emissions radiated outside of the specified frequency bands			
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

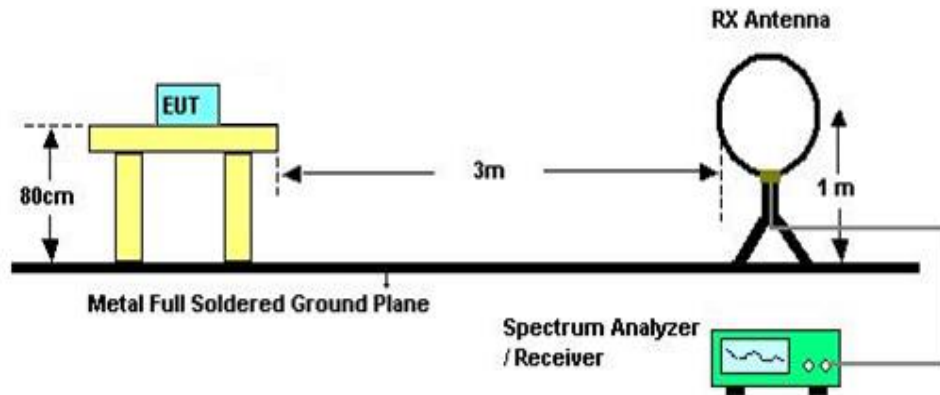
Restricted bands of operation

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

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

²Above 38.6

Below 30MHz

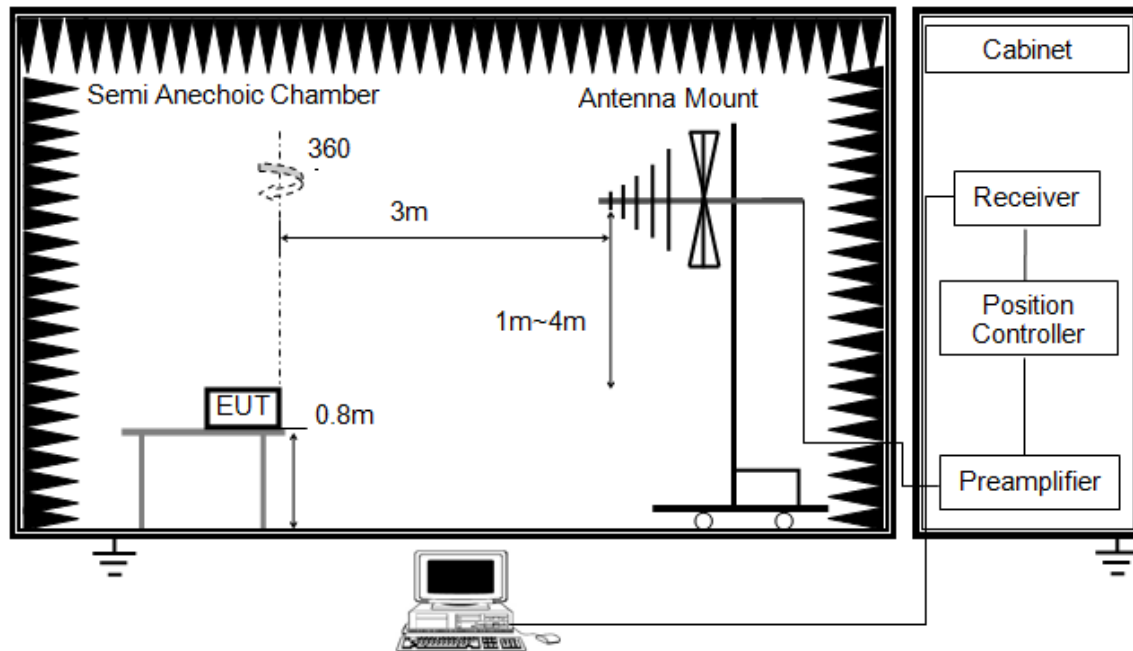


The setting of the spectrum analyser

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)

Below 1G

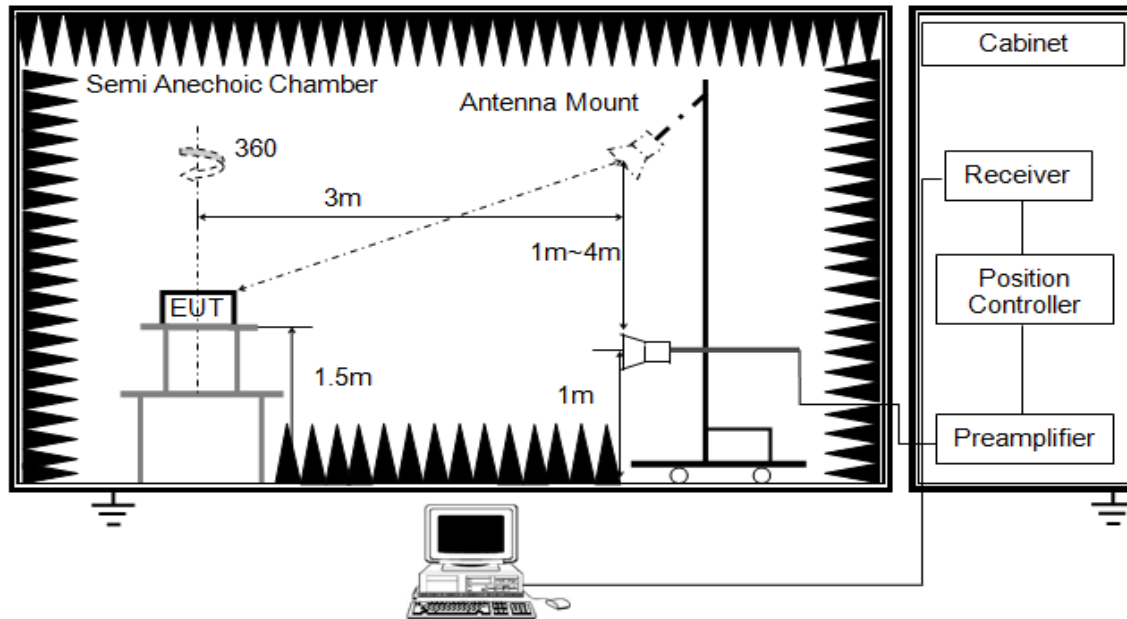


The setting of the spectrum analyser

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)

ABOVE 1G

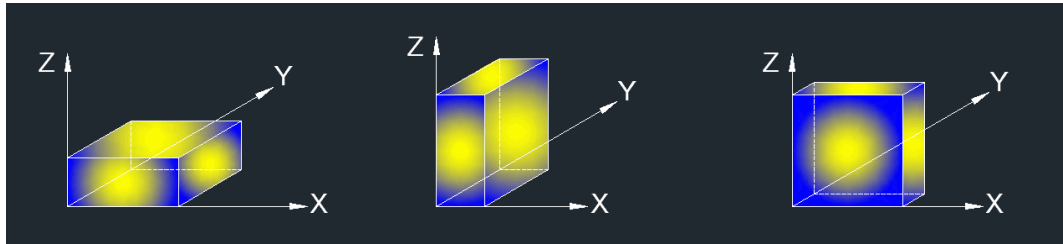


The setting of the spectrum analyser

RBW	1M MHz
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 average power measurement, set the detector to AVG, while maintaining all of the other instrument settings, if the duty cycle of the EUT is less than 98%, the Duty Cycle Correction Factor shall be added to the measured emission levels. For the Duty Cycle and Correction Factor please refer to clause 7.1.ON TIME AND DUTY CYCLE.
8. For the actual test configuration, please refer to the related item in this test report (Photographs of the Test Configuration)

X axis, Y axis, Z axis positions:



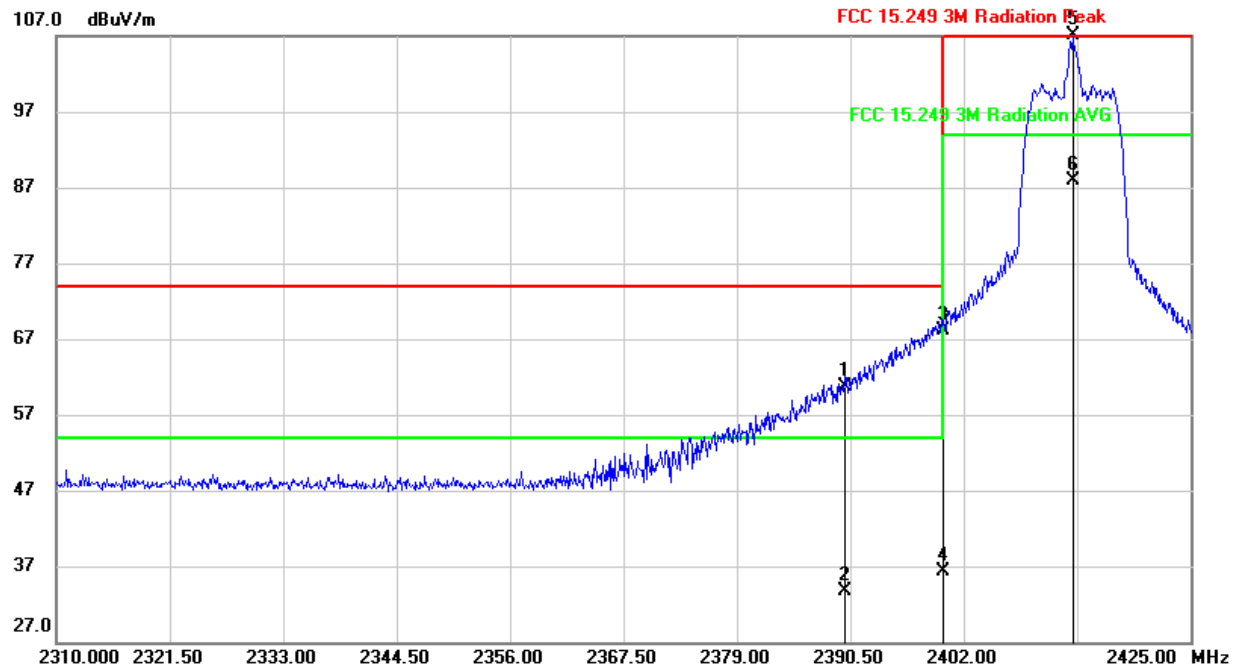
Note 1: For all radiated test, EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

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

8.2. RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS

QPSK 10MHz Bandwidth Mode

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	27.65	33.14	60.79	74.00	-13.21	peak
2	2390.000	0.58	33.14	33.72	54.00	-20.28	AVG
3	2400.000	34.97	33.07	68.04	74.00	-5.96	peak
4	2400.000	3.18	33.07	36.25	54.00	-17.75	AVG
5	2413.000	74.13	33.00	107.13	114.00	-6.87	peak
6	2413.000	54.84	33.00	87.84	94.00	-6.16	AVG

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

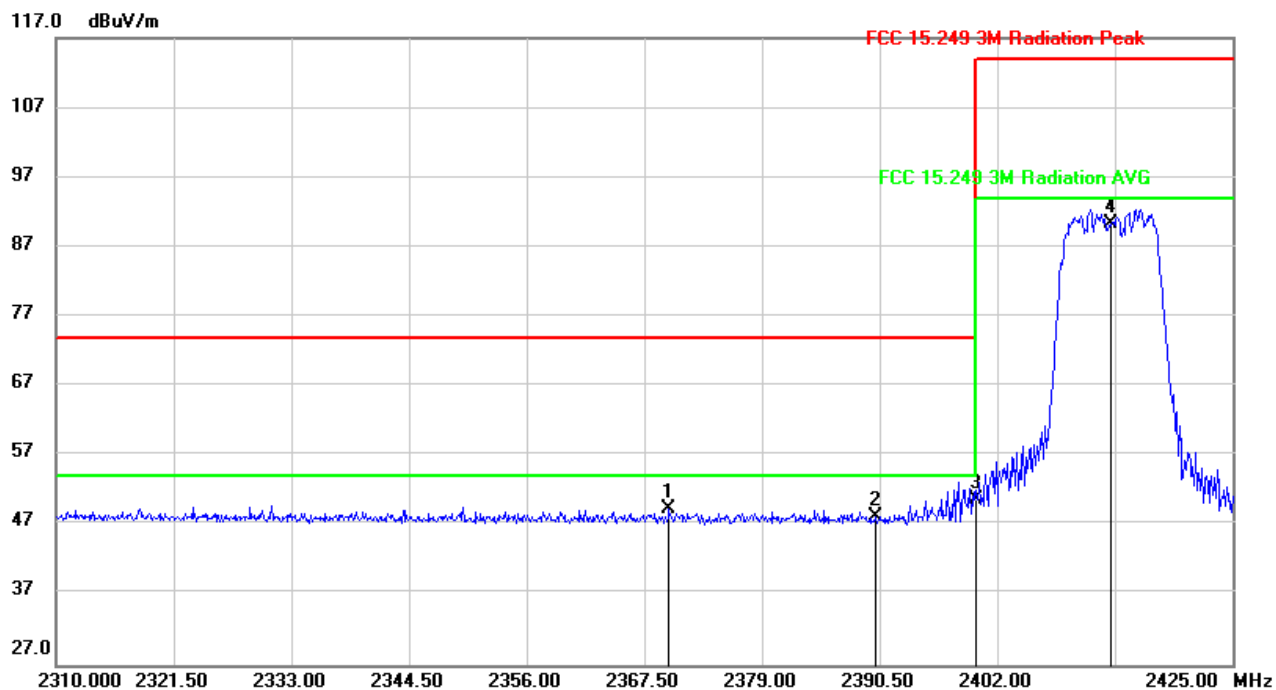
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

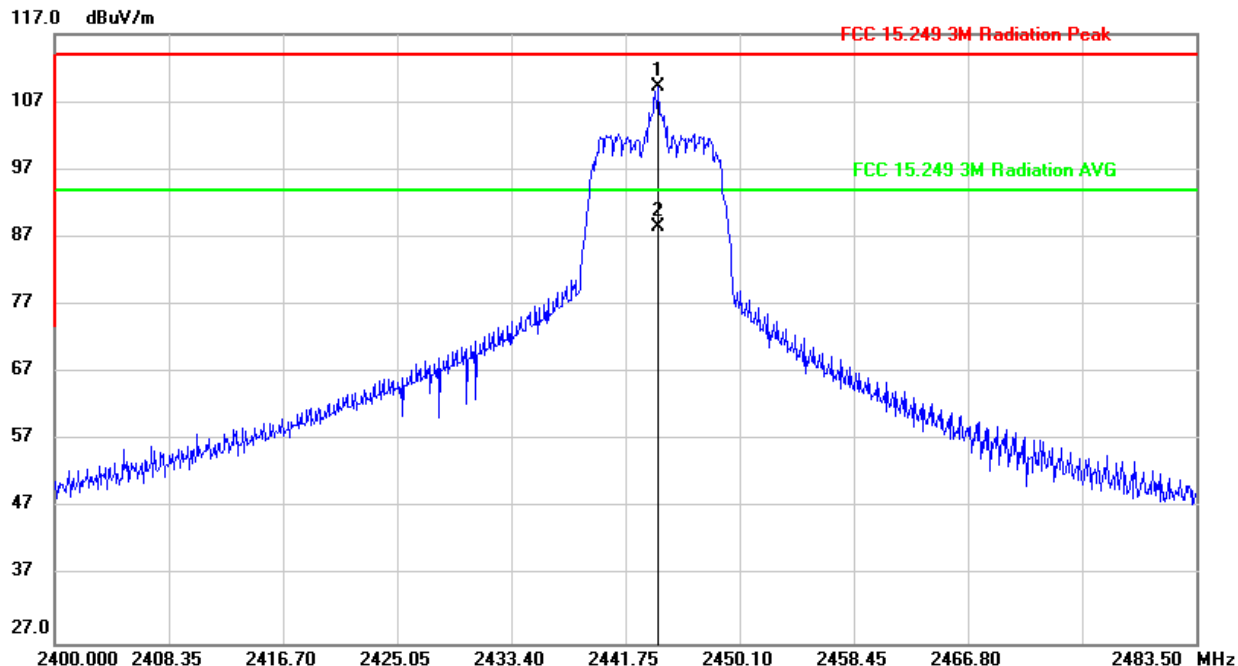
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2369.915	16.07	33.39	49.46	74.00	-24.54	peak
2	2390.000	15.01	33.24	48.25	74.00	-25.75	peak
3	2400.000	17.47	33.17	50.64	74.00	-23.36	peak
4	2413.000	57.15	33.10	90.25	114.00	-23.75	peak

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

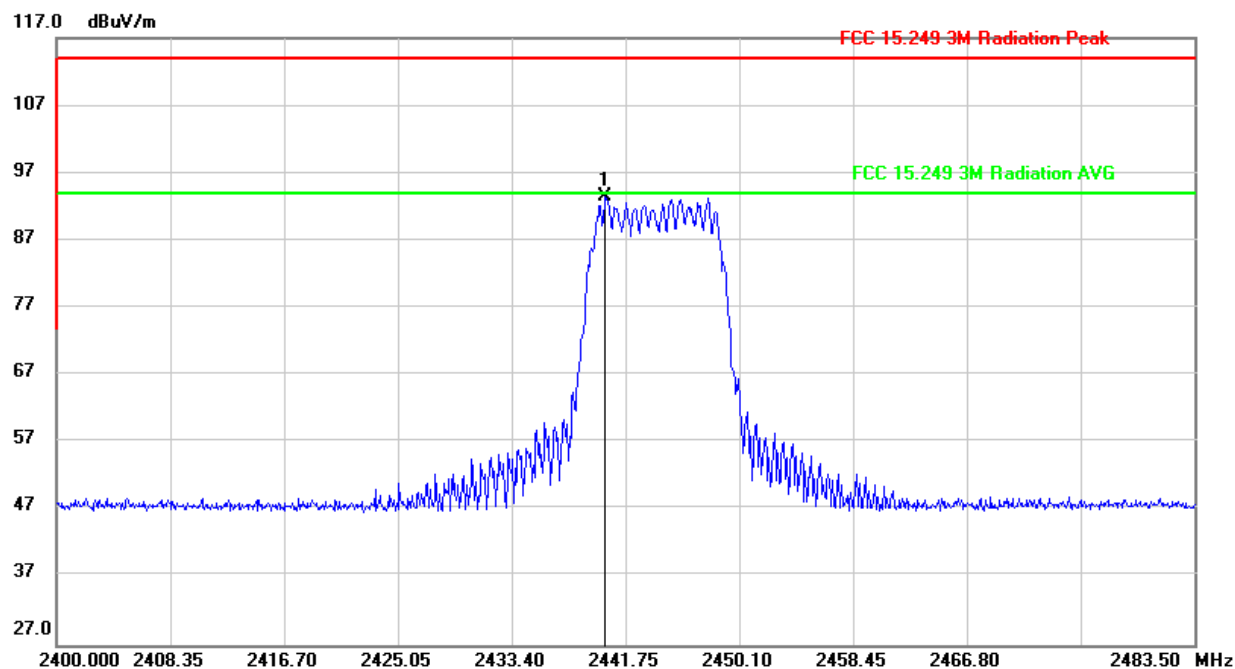
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2444.171	76.33	32.84	109.17	114.00	-4.83	peak
2	2444.171	55.60	32.84	88.44	94.00	-5.56	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
 5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

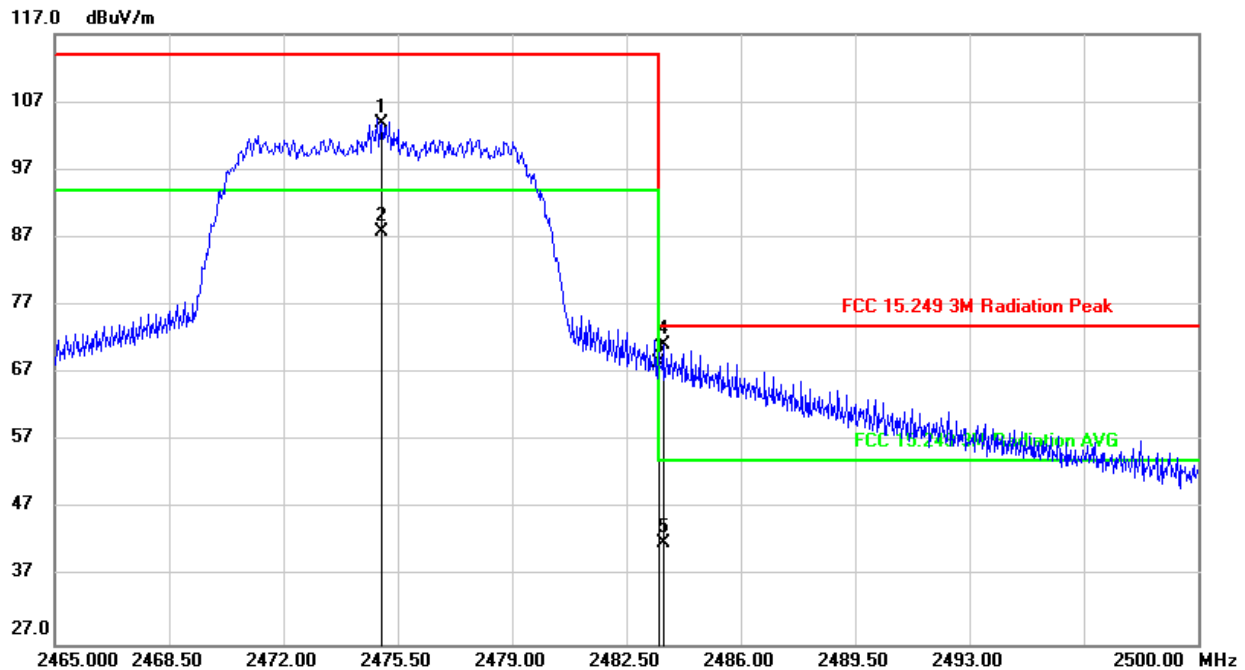
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2440.247	60.48	32.97	93.45	114.00	-20.55	peak

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

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2475.000	70.97	32.79	103.76	114.00	-10.24	peak
2	2475.040	55.10	32.79	87.89	94.00	-6.11	AVG
3	2483.500	35.84	32.78	68.62	74.00	-5.38	peak
4	2483.620	38.37	32.78	71.15	74.00	-2.85	peak
5	2483.620	9.22	32.78	42.00	54.00	-12.00	AVG

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

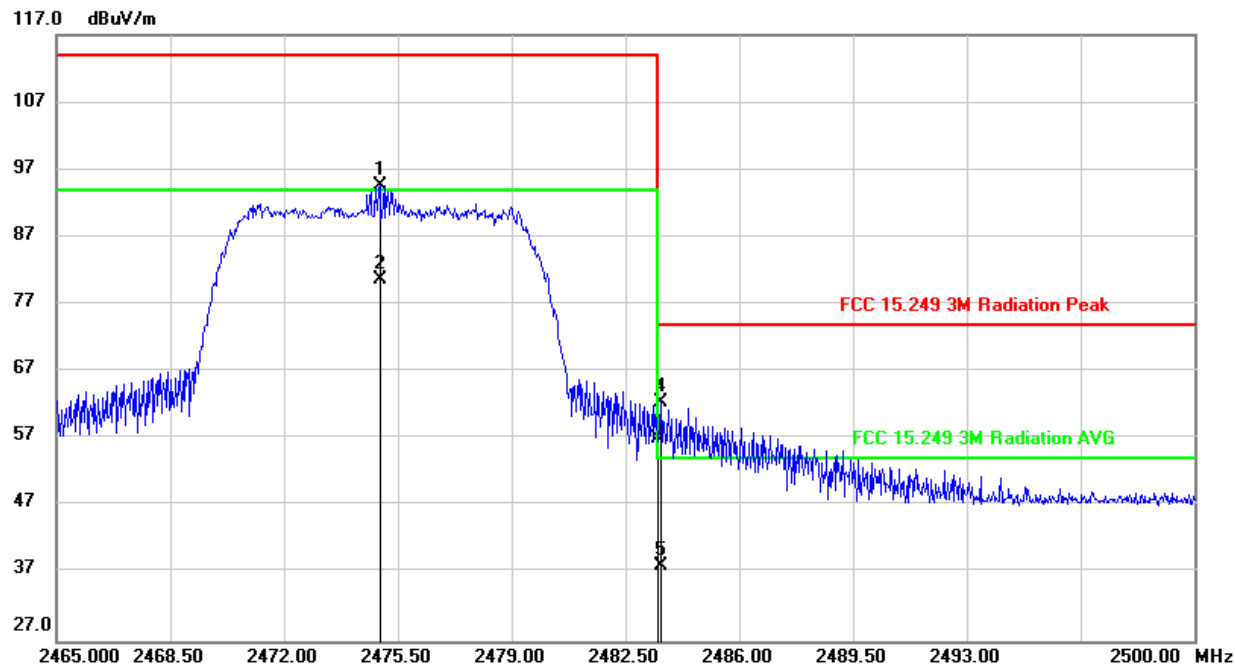
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)

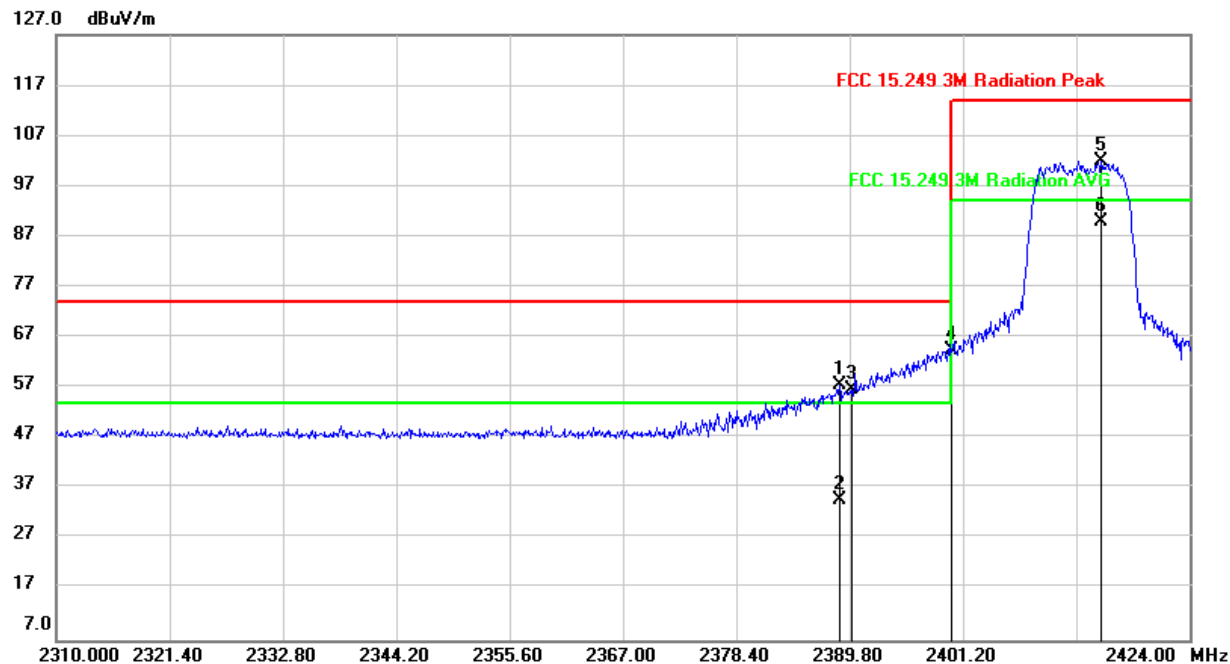


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2474.940	61.80	32.89	94.69	114.00	-19.31	peak
2	2474.940	47.82	32.89	80.71	94.00	-13.29	AVG
3	2483.500	24.15	32.88	57.03	74.00	-16.97	peak
4	2483.585	29.48	32.88	62.36	74.00	-11.64	peak
5	2483.585	5.17	32.88	38.05	54.00	-15.95	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

16QAM 10MHz Bandwidth Mode

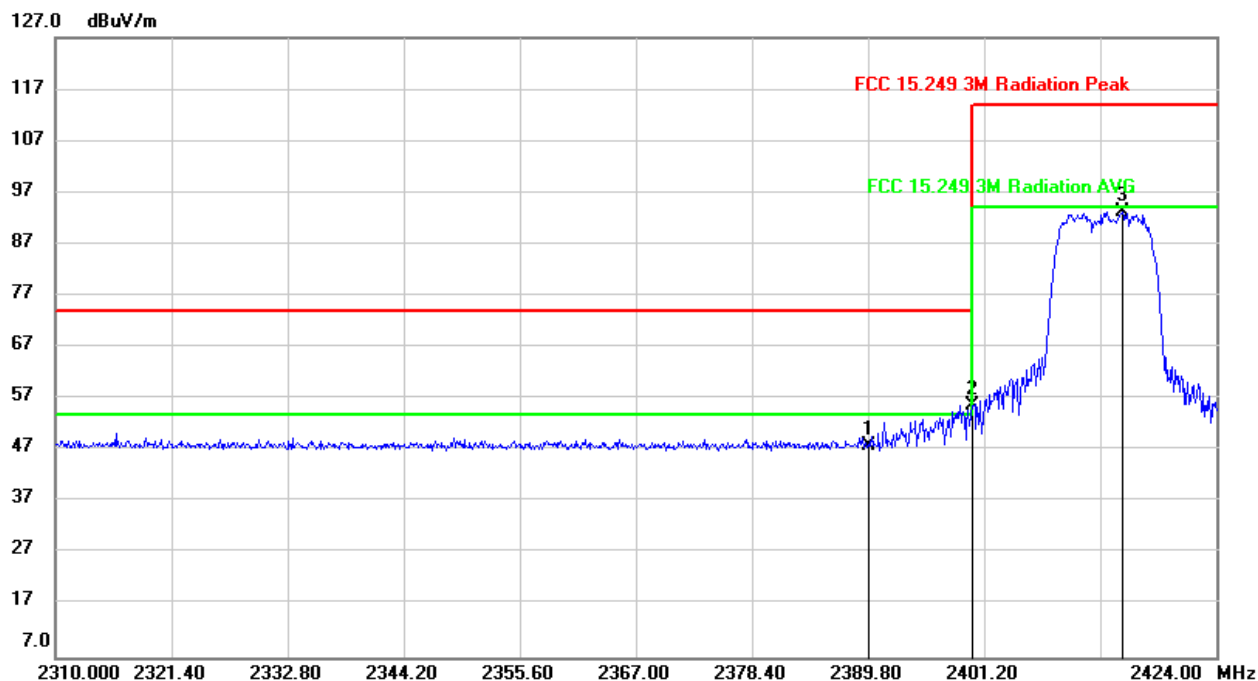
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.774	24.39	33.15	57.54	74.00	-16.46	peak
2	2388.774	1.45	33.15	34.60	54.00	-19.40	AVG
3	2390.000	23.59	33.14	56.73	74.00	-17.27	peak
4	2400.000	31.37	33.07	64.44	74.00	-9.56	peak
5	2415.108	69.06	32.99	102.05	114.00	-11.95	peak
6	2415.108	56.85	32.99	89.84	94.00	-4.16	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

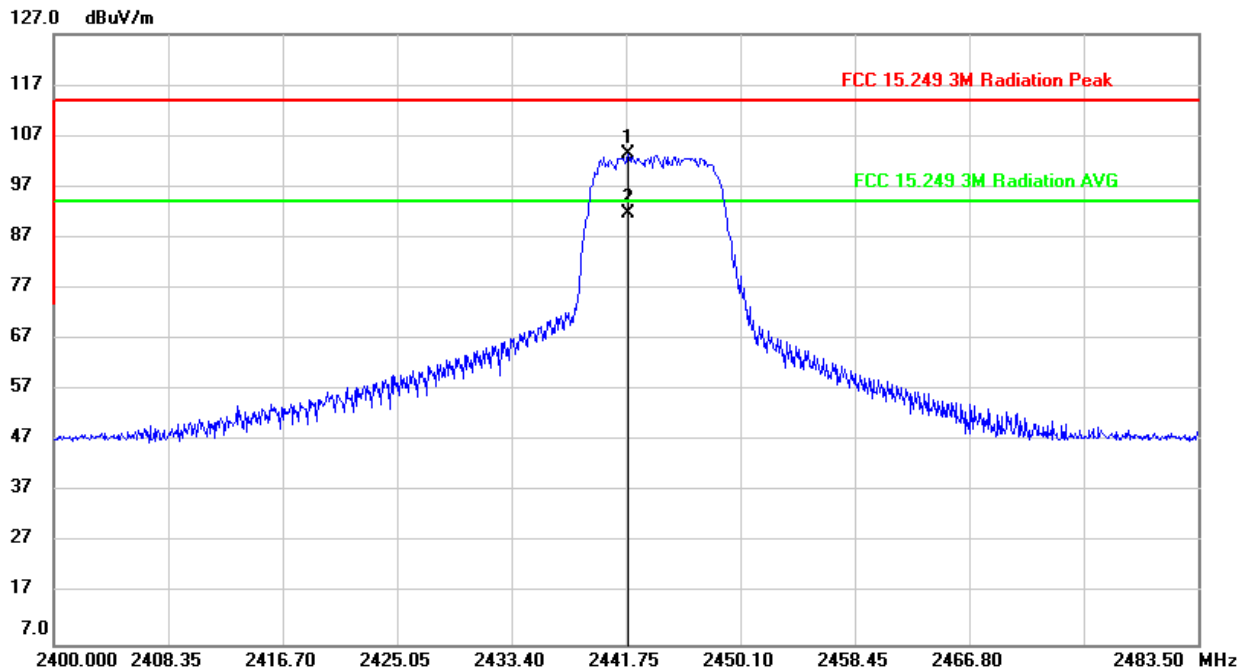
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	14.70	33.24	47.94	74.00	-26.06	peak
2	2400.000	22.49	33.17	55.66	74.00	-18.34	peak
3	2414.766	60.17	33.09	93.26	114.00	-20.74	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.

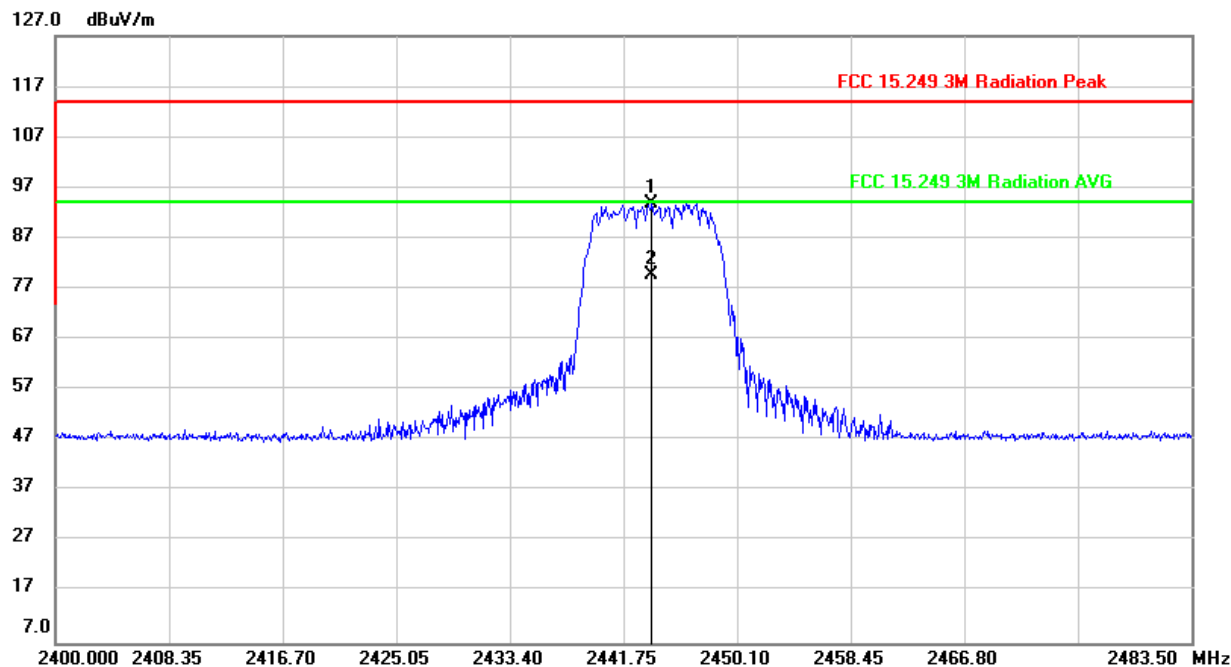
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.917	70.63	32.86	103.49	114.00	-10.51	peak
2	2441.917	58.97	32.86	91.83	94.00	-2.17	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
 5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

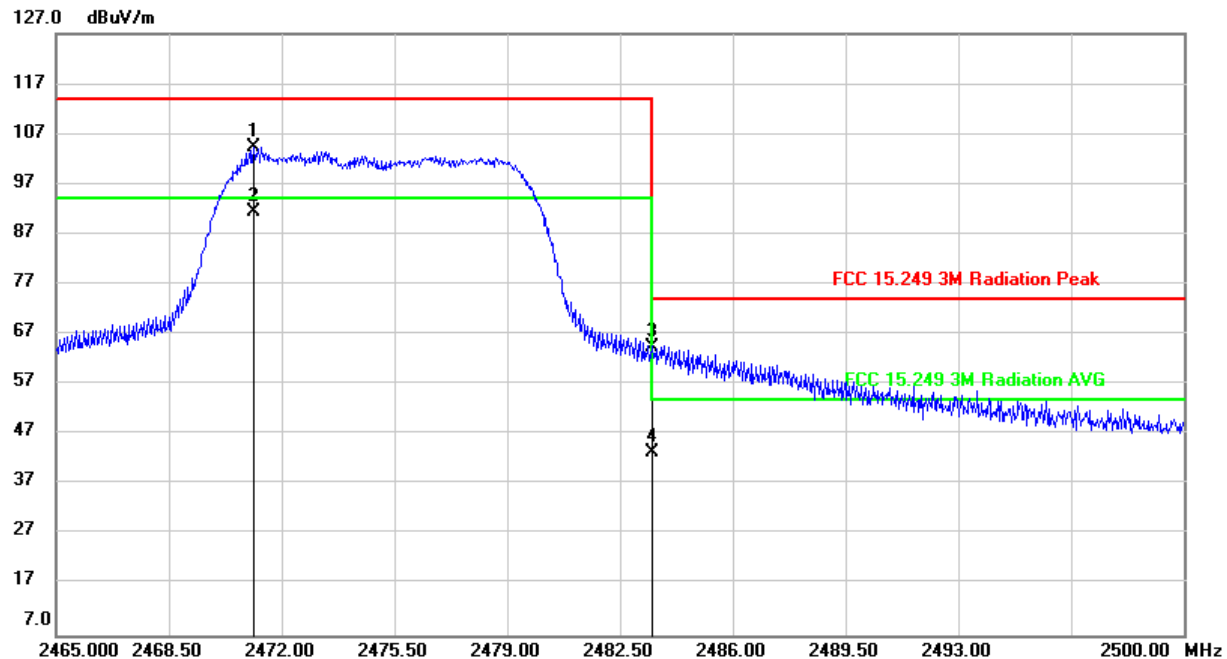
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2443.838	60.85	32.95	93.80	114.00	-20.20	peak
2	2443.838	46.74	32.95	79.69	94.00	-14.31	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
 5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2471.125	71.48	32.80	104.28	114.00	-9.72	peak
2	2471.125	58.59	32.80	91.39	94.00	-2.61	AVG
3	2483.500	31.80	32.78	64.58	74.00	-9.42	peak
4	2483.500	10.81	32.78	43.59	54.00	-10.41	AVG

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

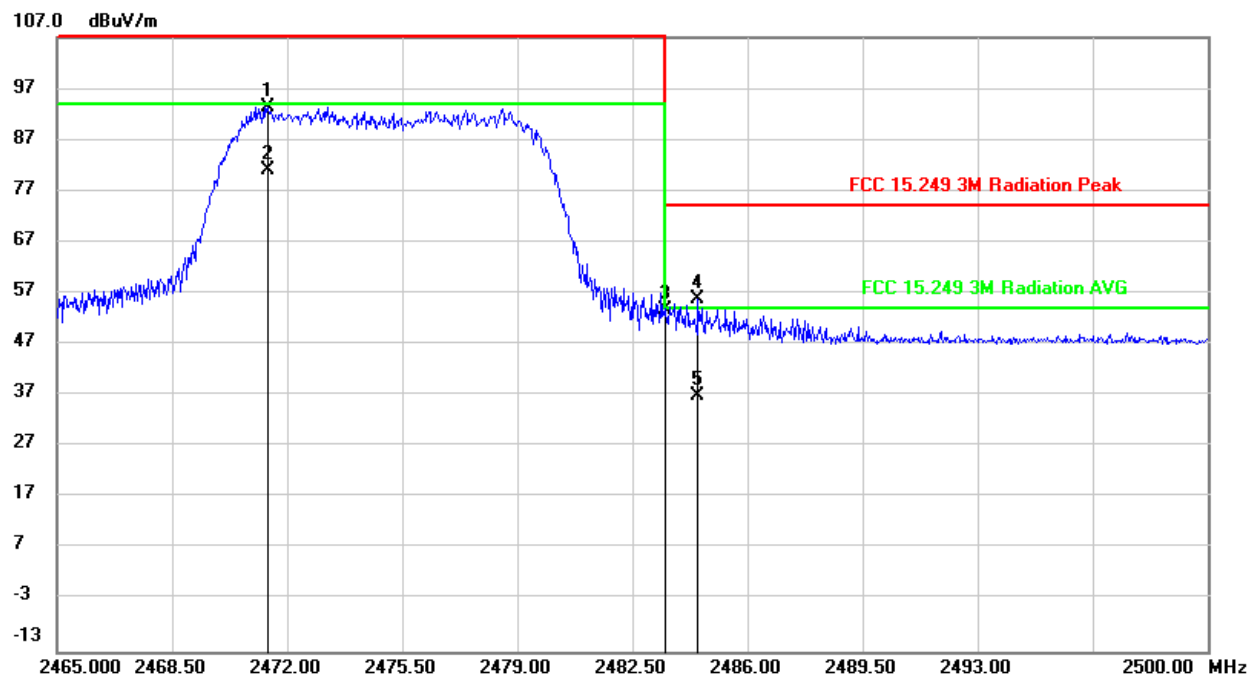
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2471.405	60.43	32.90	93.33	114.00	-20.67	peak
2	2471.405	48.23	32.90	81.13	94.00	-12.87	AVG
3	2483.500	20.92	32.88	53.80	74.00	-20.20	peak
4	2484.495	22.87	32.88	55.75	74.00	-18.25	peak
5	2484.495	4.06	32.88	36.94	54.00	-17.06	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

OFDM 10MHz Bandwidth Mode

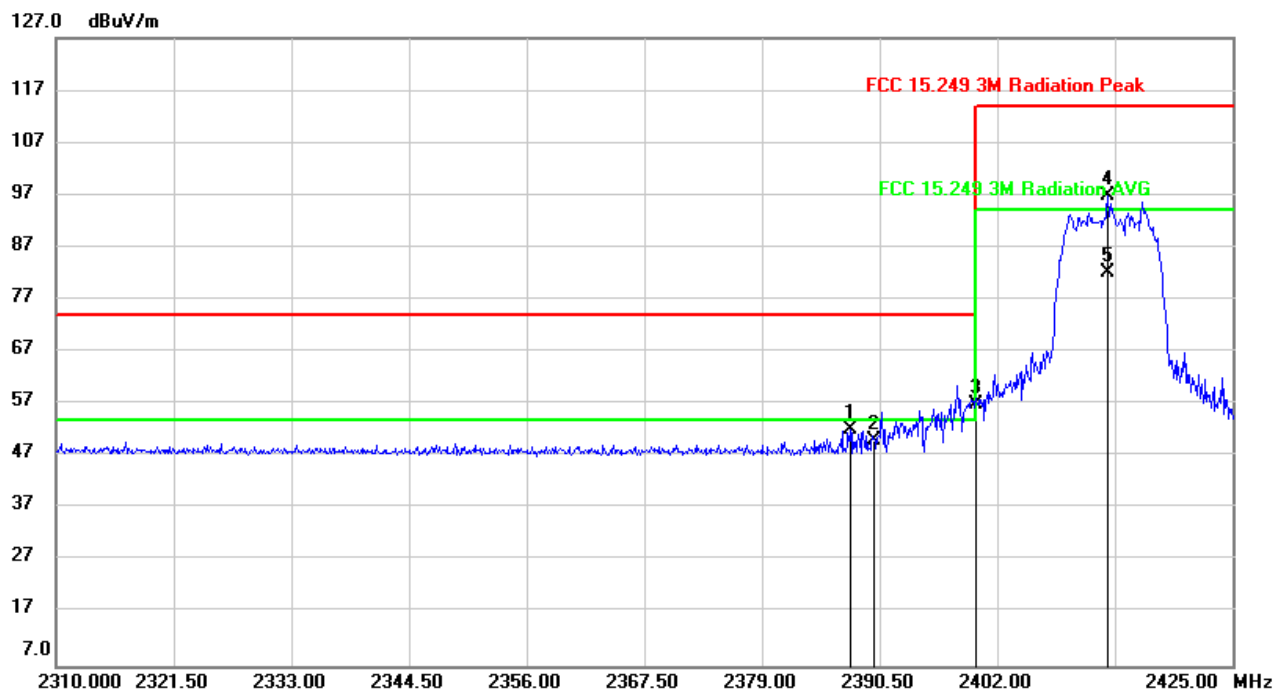
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.235	26.95	33.15	60.10	74.00	-13.90	peak
2	2389.235	1.37	33.15	34.52	54.00	-19.48	AVG
3	2390.000	25.74	33.14	58.88	74.00	-15.12	peak
4	2400.000	33.77	33.07	66.84	74.00	-7.16	peak
5	2413.040	71.15	33.00	104.15	114.00	-9.85	peak
6	2413.040	56.67	33.00	89.67	94.00	-4.33	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

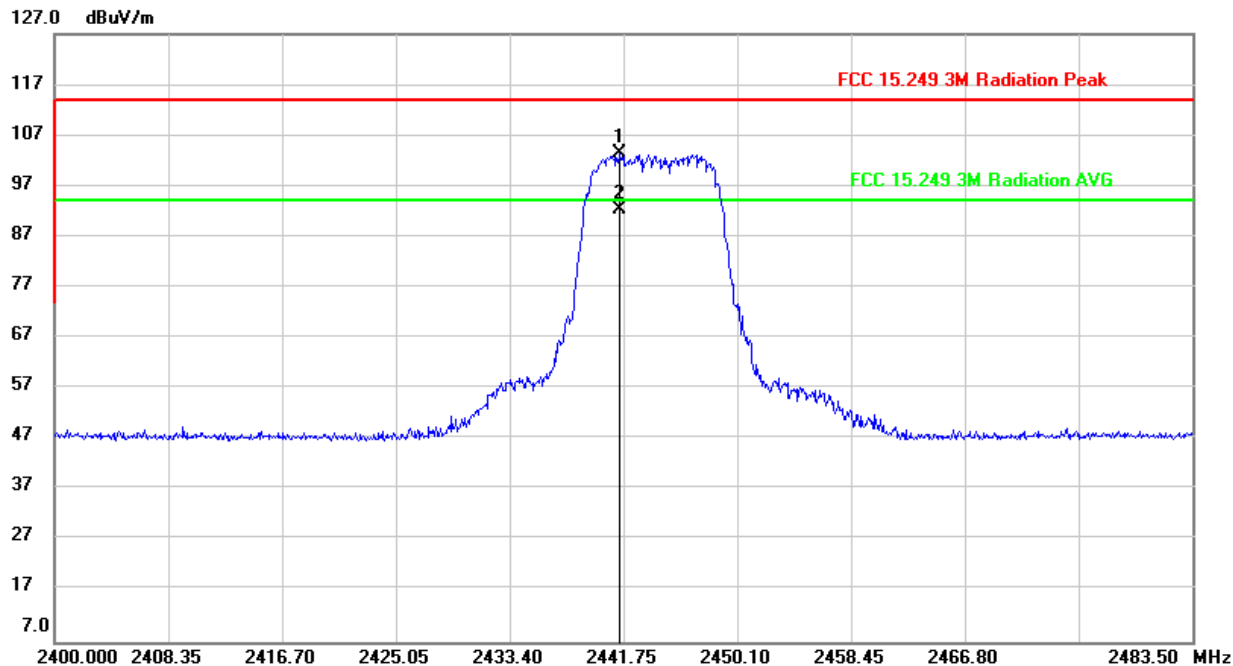
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.625	18.88	33.26	52.14	74.00	-21.86	peak
2	2390.000	16.71	33.24	49.95	74.00	-24.05	peak
3	2400.000	23.76	33.17	56.93	74.00	-17.07	peak
4	2412.810	63.81	33.10	96.91	114.00	-17.09	peak
5	2412.810	48.92	33.10	82.02	94.00	-11.98	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

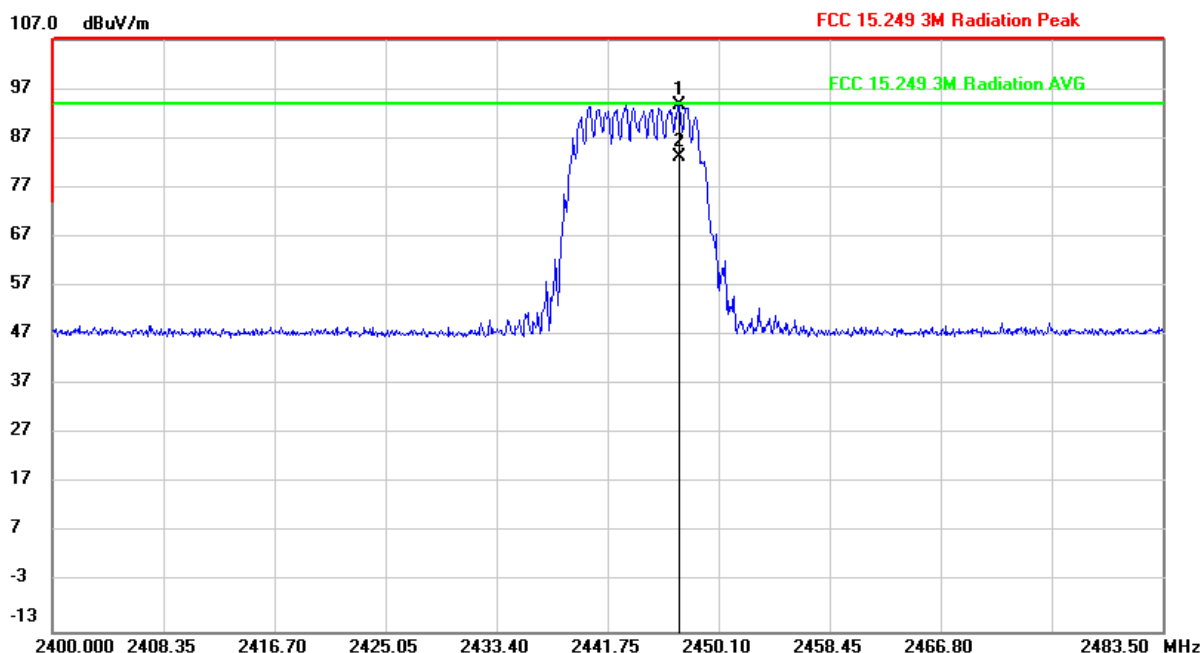
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2441.499	70.47	32.86	103.33	114.00	-10.67	peak
2	2441.499	59.61	32.86	92.47	94.00	-1.53	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

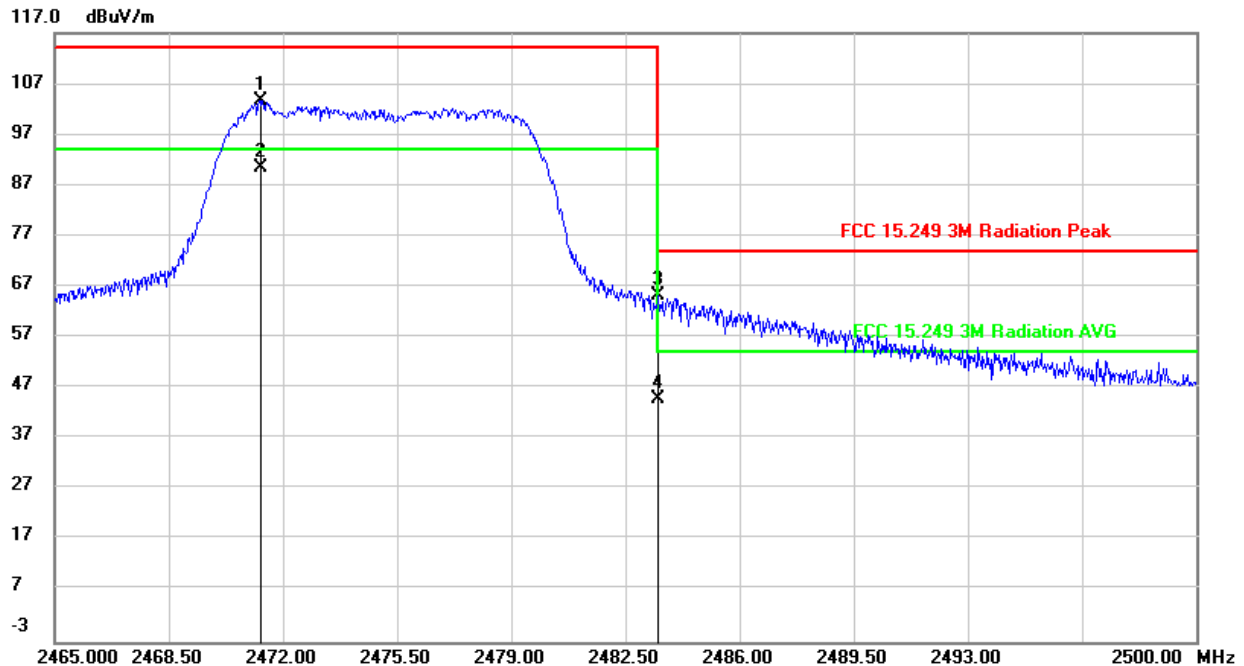
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2447.177	60.70	32.94	93.64	114.00	-20.36	peak
2	2447.177	50.36	32.94	83.30	94.00	-10.70	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

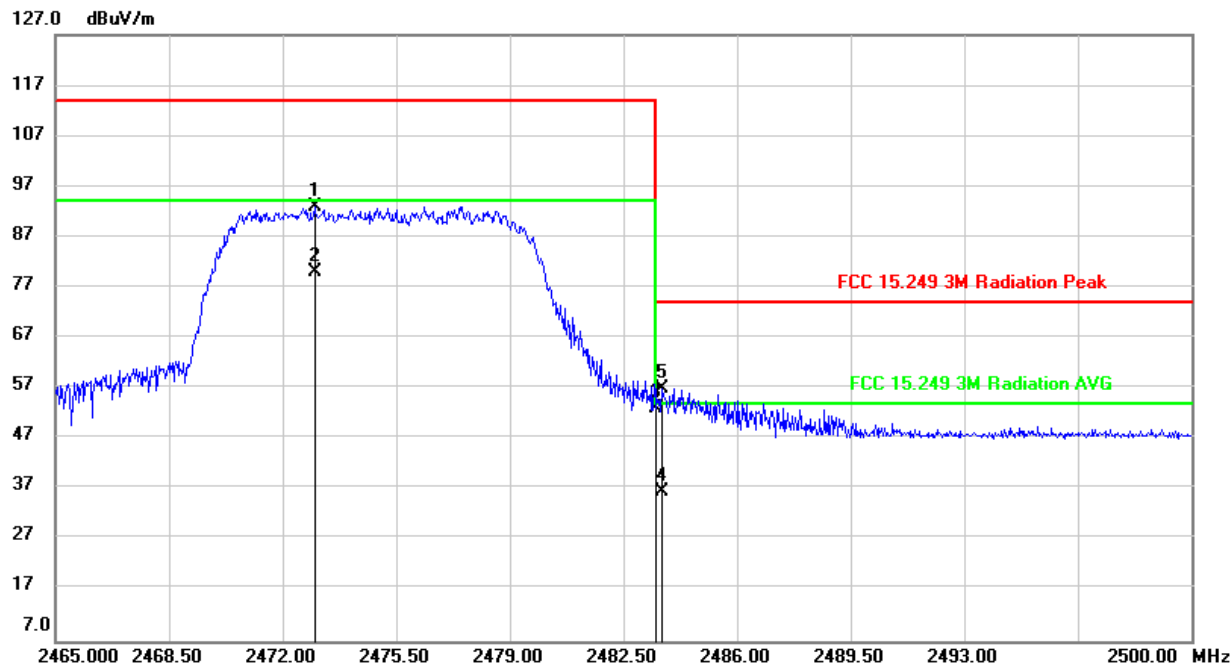
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2471.300	70.87	32.80	103.67	114.00	-10.33	peak
2	2471.300	57.72	32.80	90.52	94.00	-3.48	AVG
3	2483.500	32.39	32.78	65.17	74.00	-8.83	peak
4	2483.500	12.13	32.78	44.91	54.00	-9.09	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
 5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)

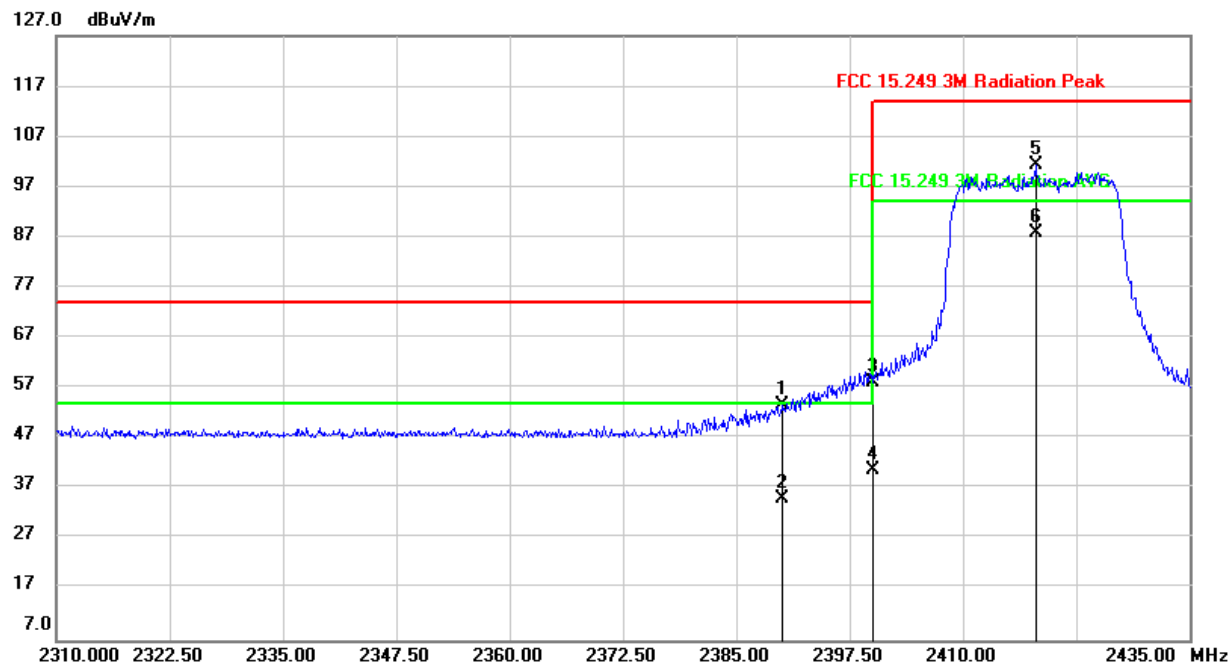


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2472.980	60.13	32.89	93.02	114.00	-20.98	peak
2	2472.980	47.02	32.89	79.91	94.00	-14.09	AVG
3	2483.500	20.10	32.88	52.98	74.00	-21.02	peak
4	2483.680	3.62	32.88	36.50	54.00	-17.50	AVG
5	2483.690	24.04	32.88	56.92	74.00	-17.08	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. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

QPSK 20MHz Bandwidth Mode

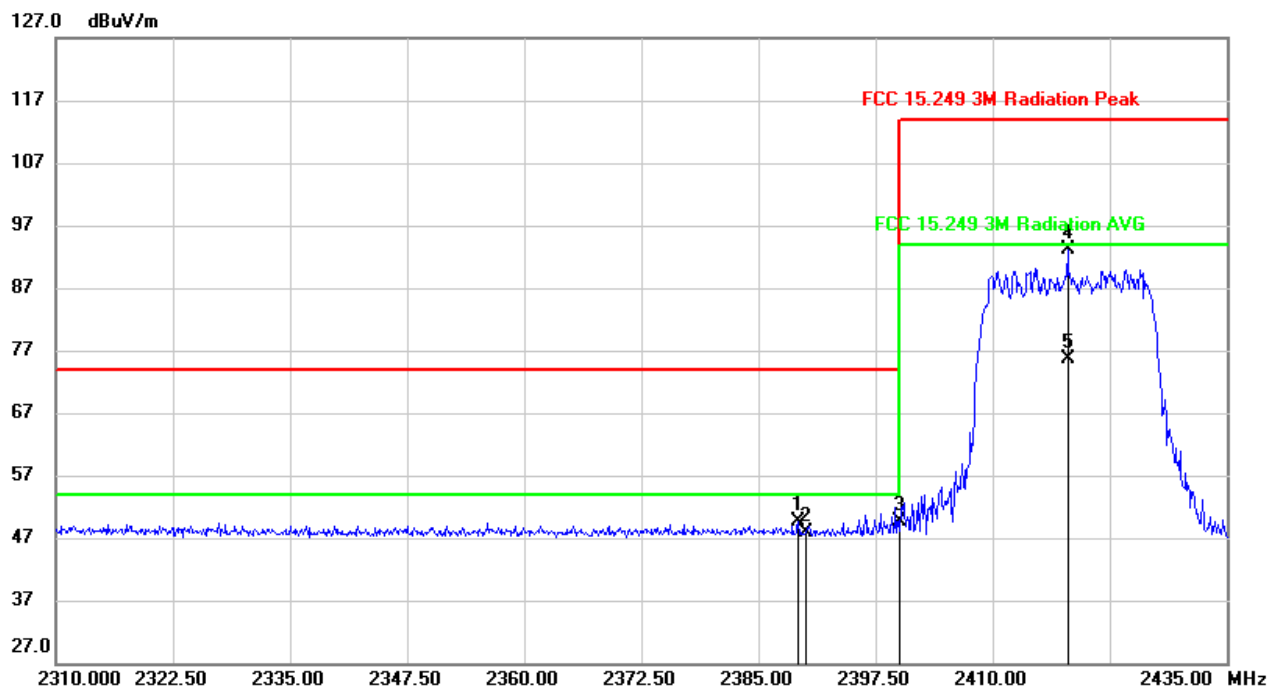
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	20.47	33.14	53.61	74.00	-20.39	peak
2	2390.000	1.99	33.14	35.13	54.00	-18.87	AVG
3	2400.000	25.11	33.07	58.18	74.00	-15.82	peak
4	2400.000	7.66	33.07	40.73	54.00	-13.27	AVG
5	2418.000	68.25	32.98	101.23	114.00	-12.77	peak
6	2418.000	54.97	32.98	87.95	94.00	-6.05	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

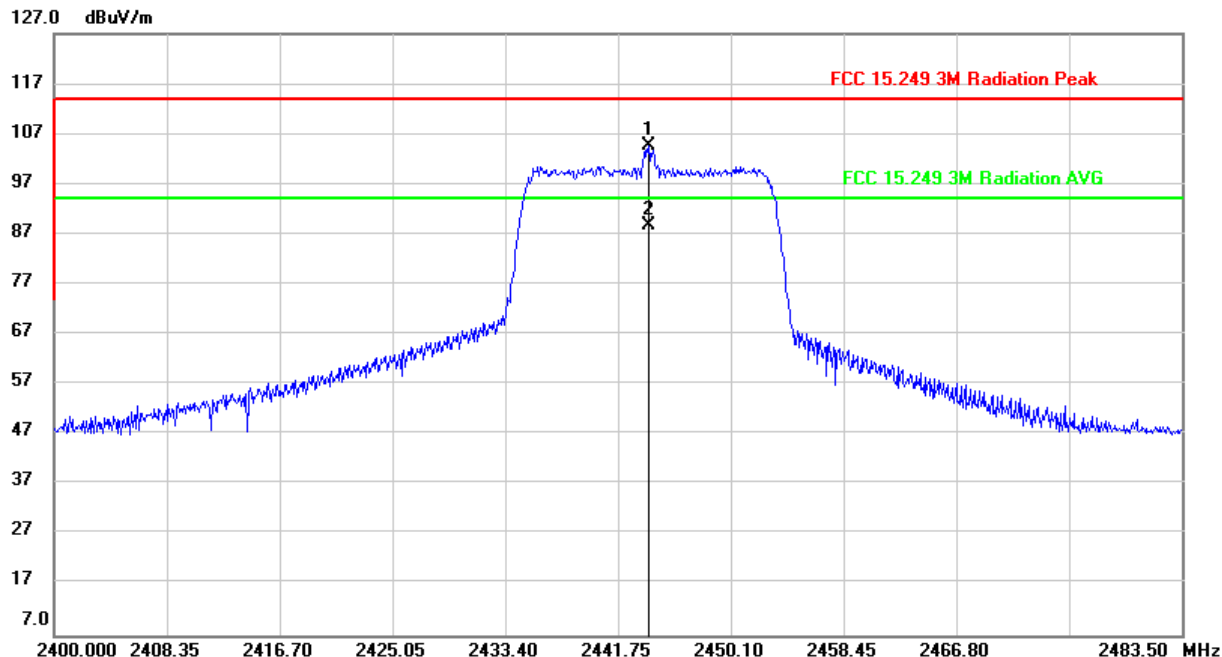
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.250	16.38	33.25	49.63	74.00	-24.37	peak
2	2390.000	14.52	33.24	47.76	74.00	-26.24	peak
3	2400.000	16.49	33.17	49.66	74.00	-24.34	peak
4	2418.000	59.97	33.08	93.05	114.00	-20.95	peak
5	2418.040	42.43	33.08	75.51	94.00	-18.49	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

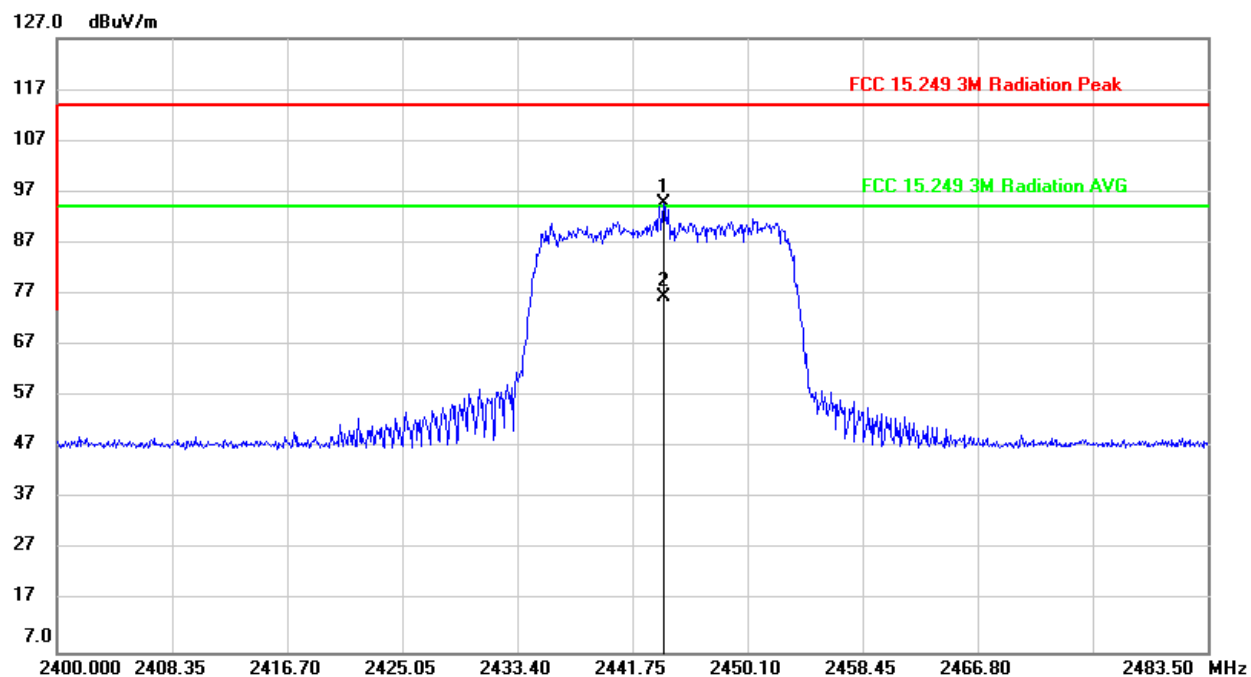
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2444.005	71.80	32.85	104.65	114.00	-9.35	peak
2	2444.005	55.99	32.85	88.84	94.00	-5.16	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

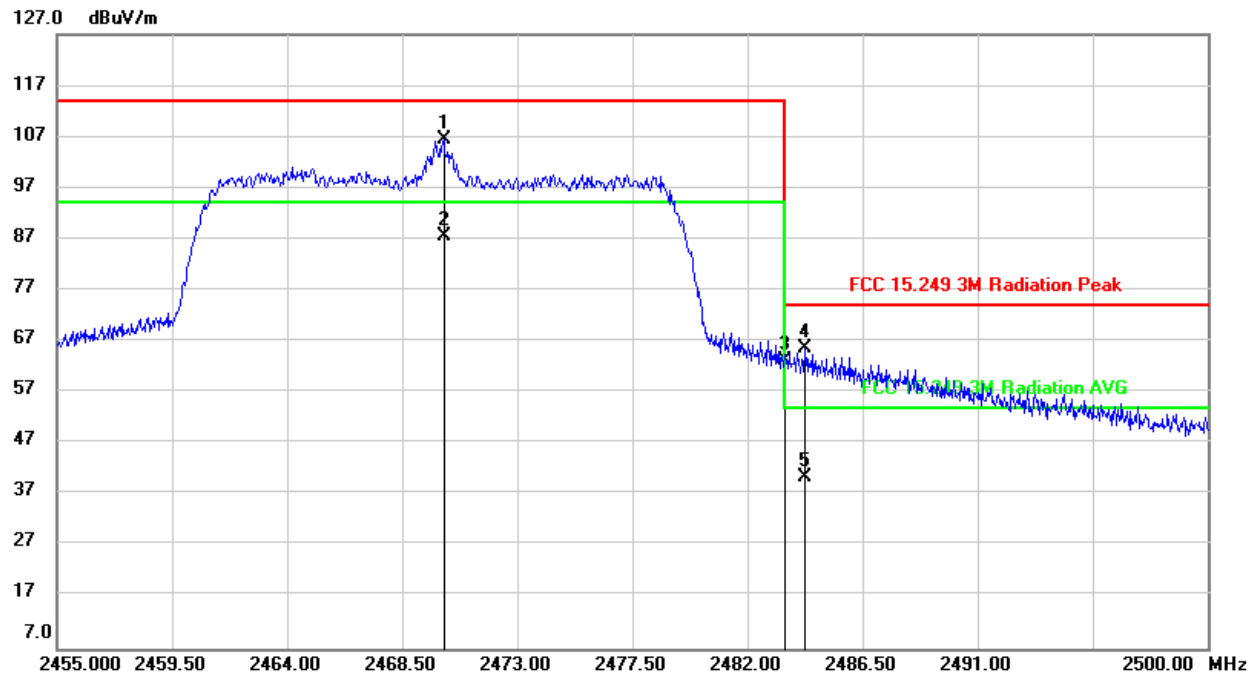
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2444.005	61.80	32.95	94.75	114.00	-19.25	peak
2	2444.005	43.37	32.95	76.32	94.00	-17.68	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2470.120	73.65	32.80	106.45	114.00	-7.55	peak
2	2470.120	54.82	32.80	87.62	114.00	-26.38	QP
3	2483.500	30.60	32.78	63.38	74.00	-10.62	peak
4	2484.250	33.00	32.78	65.78	74.00	-8.22	peak
5	2484.250	7.60	32.78	40.38	74.00	-33.62	QP

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

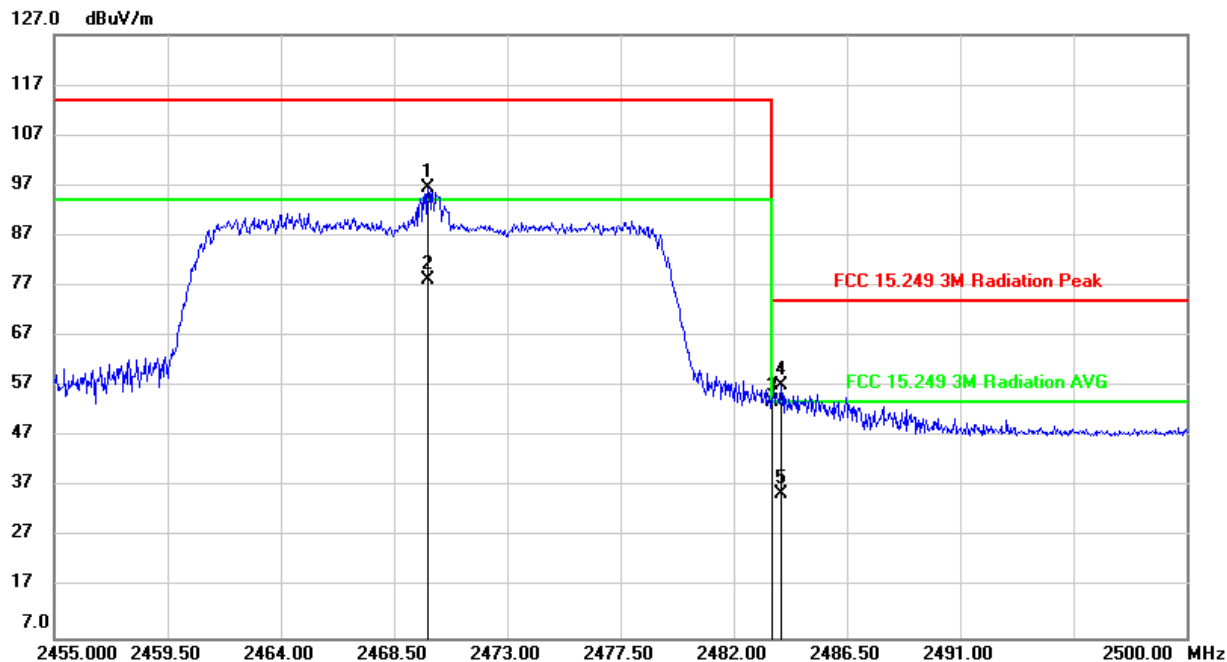
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)

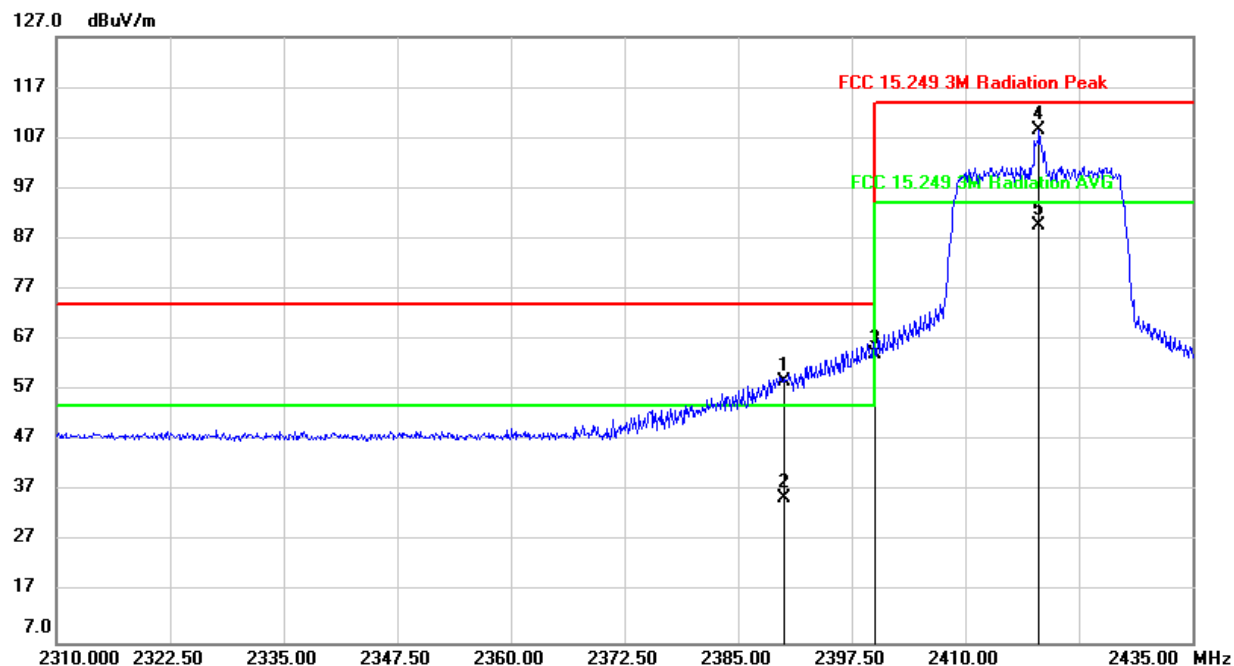


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.850	63.58	32.90	96.48	114.00	-17.52	peak
2	2469.850	45.47	32.90	78.37	94.00	-15.63	AVG
3	2483.500	21.14	32.88	54.02	74.00	-19.98	peak
4	2483.890	24.24	32.88	57.12	74.00	-16.88	peak
5	2483.890	2.91	32.88	35.79	54.00	-18.21	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

16QAM 20MHz Bandwidth Mode

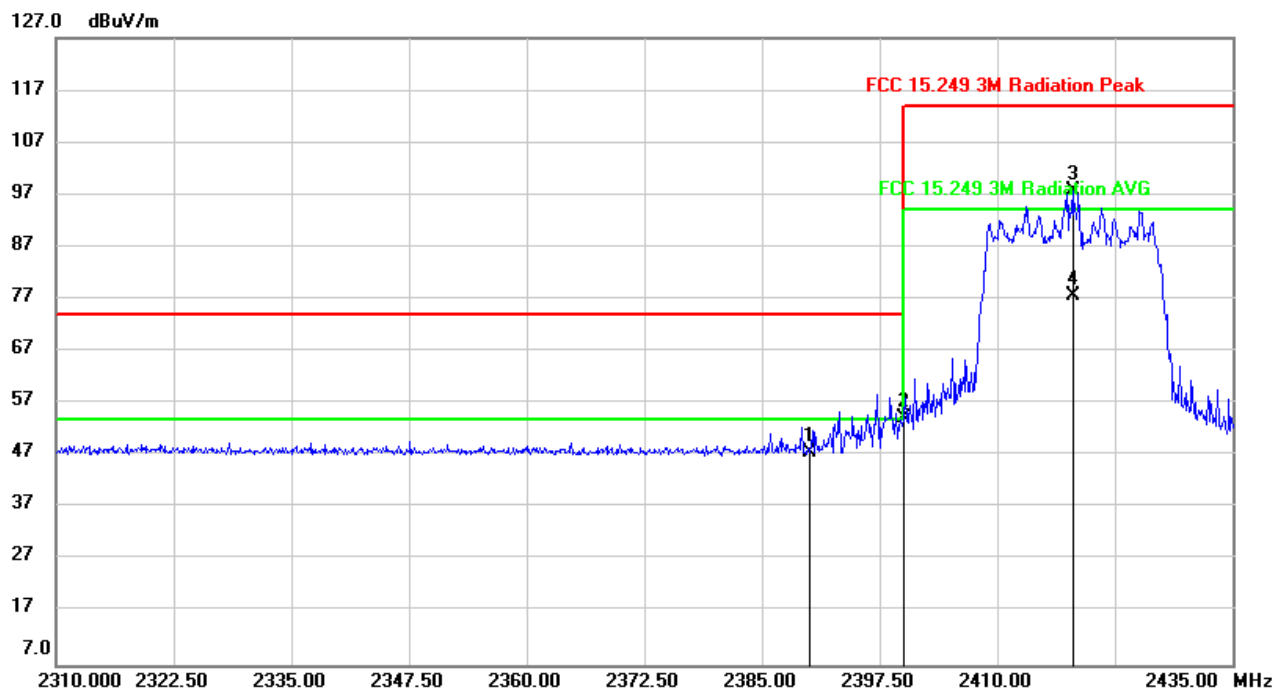
RESTRICTED BANDEGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	25.58	33.14	58.72	74.00	-15.28	peak
2	2390.000	2.53	33.14	35.67	54.00	-18.33	AVG
3	2400.000	31.03	33.07	64.10	74.00	-9.90	peak
4	2418.125	75.54	32.98	108.52	114.00	-5.48	peak
5	2418.125	56.68	32.98	89.66	94.00	-4.34	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

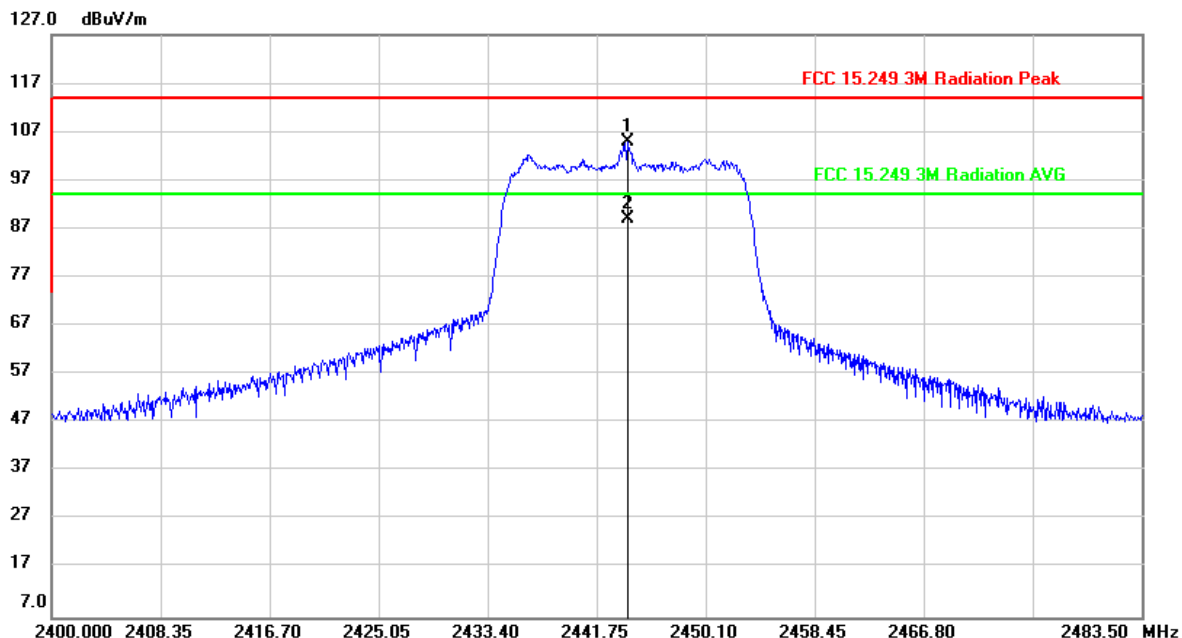
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	14.36	33.24	47.60	74.00	-26.40	peak
2	2400.000	20.96	33.17	54.13	74.00	-19.87	peak
3	2418.000	64.80	33.08	97.88	114.00	-16.12	peak
4	2418.000	44.67	33.08	77.75	94.00	-16.25	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

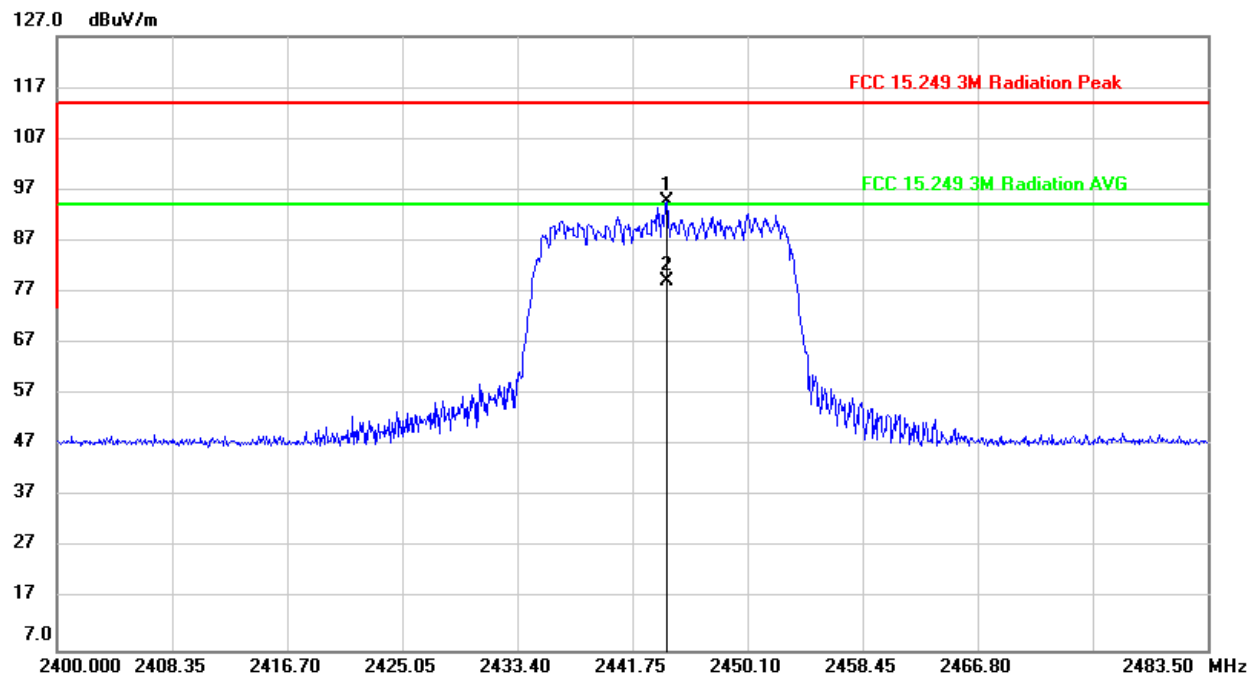
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2444.088	72.02	32.85	104.87	114.00	-9.13	peak
2	2444.088	56.14	32.85	88.99	94.00	-5.01	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

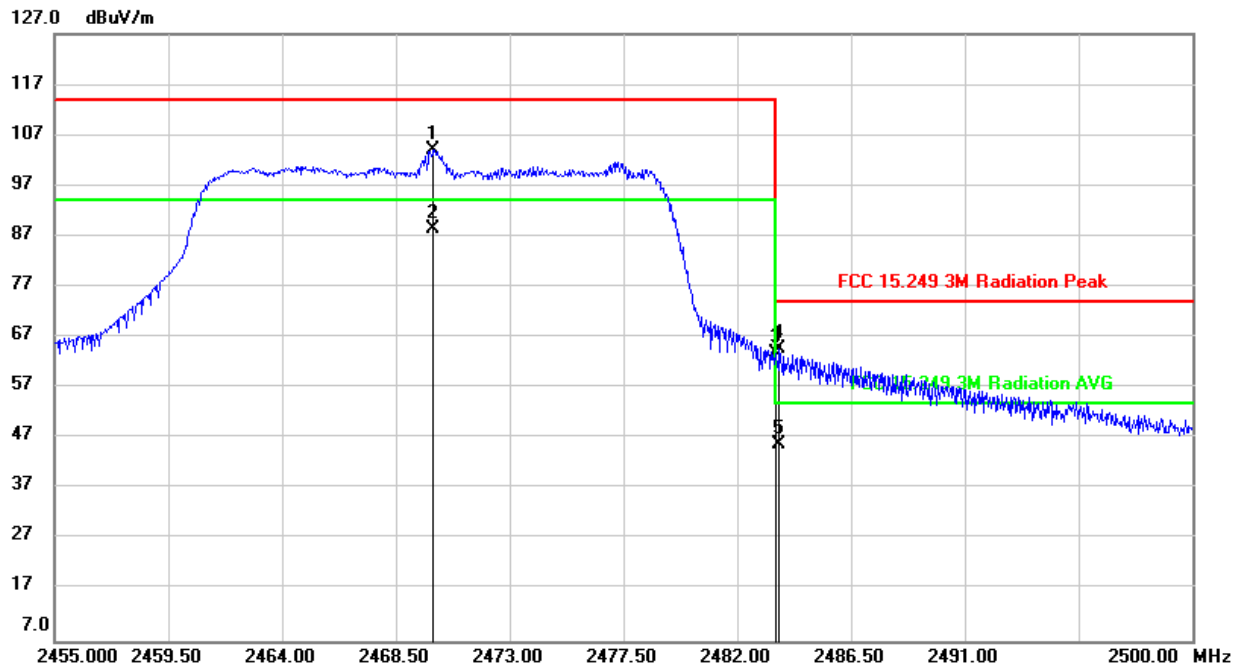
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2444.255	61.81	32.94	94.75	114.00	-19.25	peak
2	2444.255	46.26	32.94	79.20	94.00	-14.80	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.985	71.29	32.80	104.09	114.00	-9.91	peak
2	2469.985	55.72	32.80	88.52	94.00	-5.48	AVG
3	2483.500	31.11	32.78	63.89	74.00	-10.11	peak
4	2483.665	31.94	32.78	64.72	74.00	-9.28	peak
5	2483.665	12.97	32.78	45.75	54.00	-8.25	AVG

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

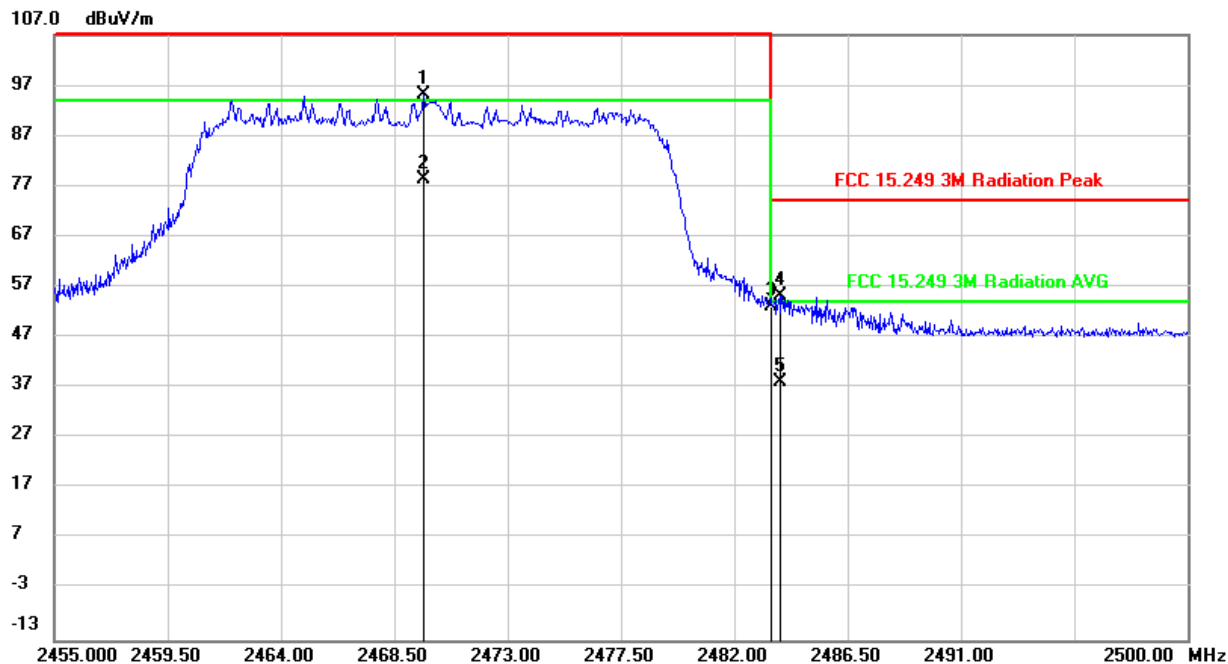
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)

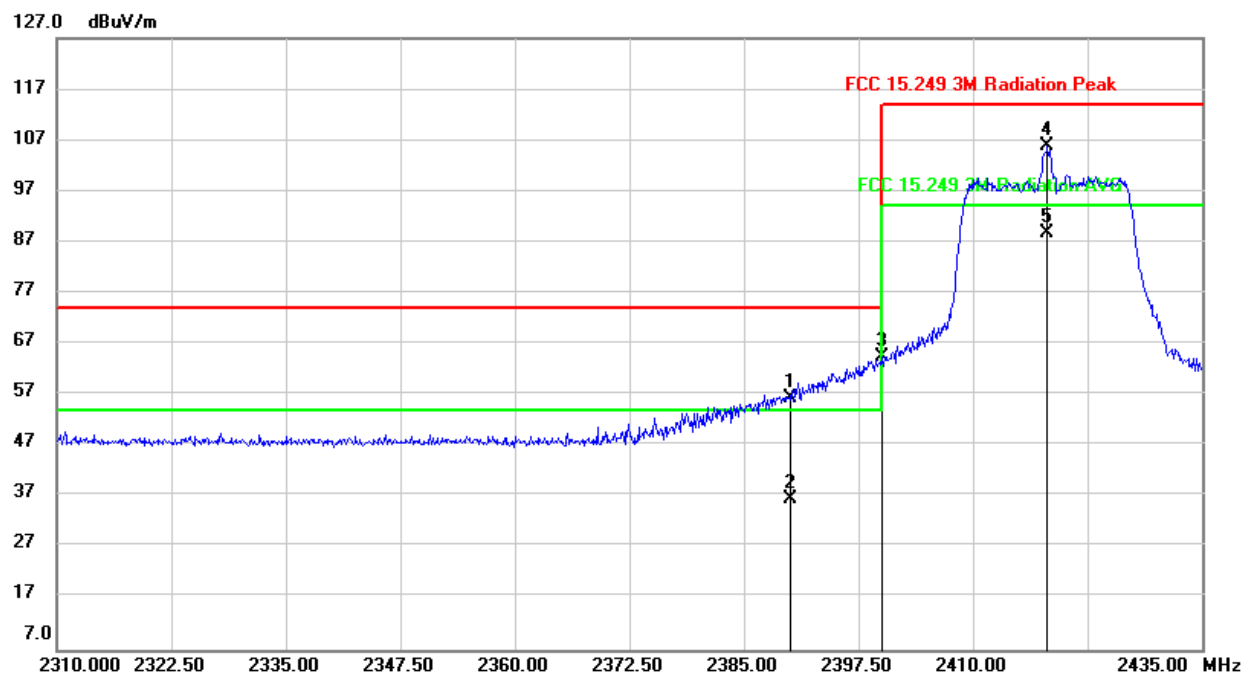


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.670	62.26	32.90	95.16	114.00	-18.84	peak
2	2469.670	45.43	32.90	78.33	94.00	-15.67	AVG
3	2483.500	20.23	32.88	53.11	74.00	-20.89	peak
4	2483.800	22.41	32.88	55.29	74.00	-18.71	peak
5	2483.800	5.19	32.88	38.07	54.00	-15.93	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

OFDM 20MHz Bandwidth Mode

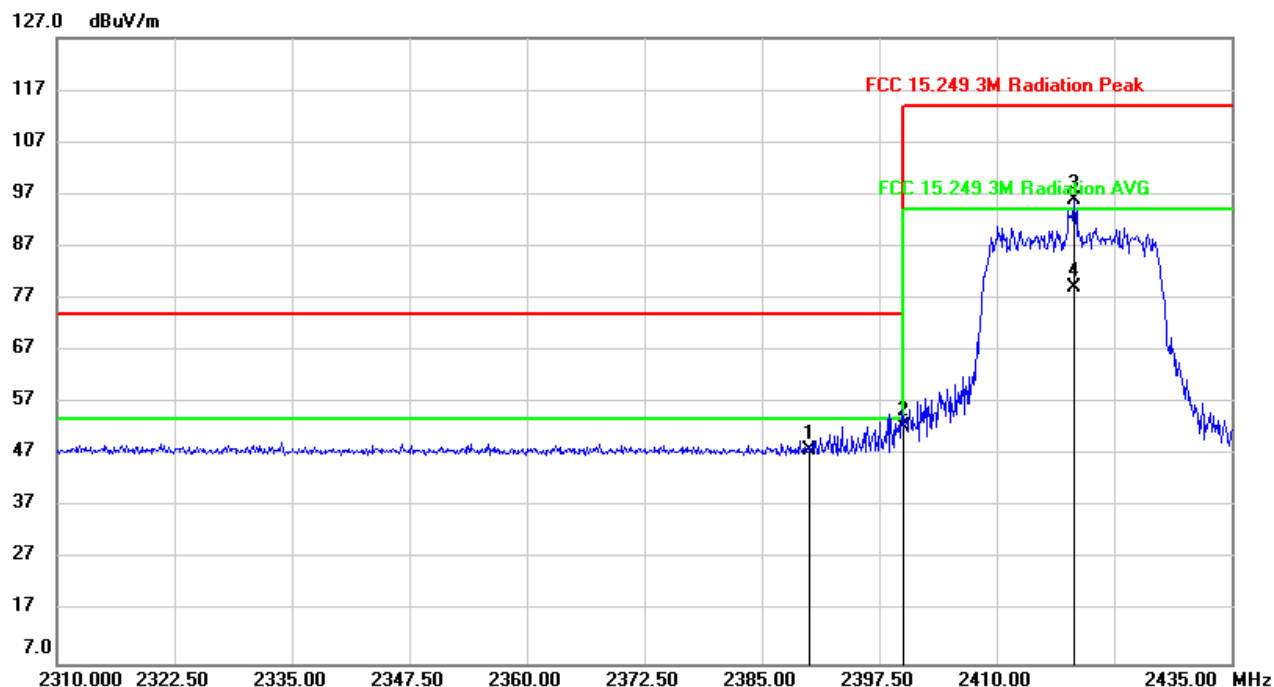
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	23.23	33.14	56.37	74.00	-17.63	peak
2	2390.000	3.38	33.14	36.52	54.00	-17.48	AVG
3	2400.000	31.46	33.07	64.53	74.00	-9.47	peak
4	2418.125	73.01	32.98	105.99	114.00	-8.01	peak
5	2418.125	55.86	32.98	88.84	94.00	-5.16	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

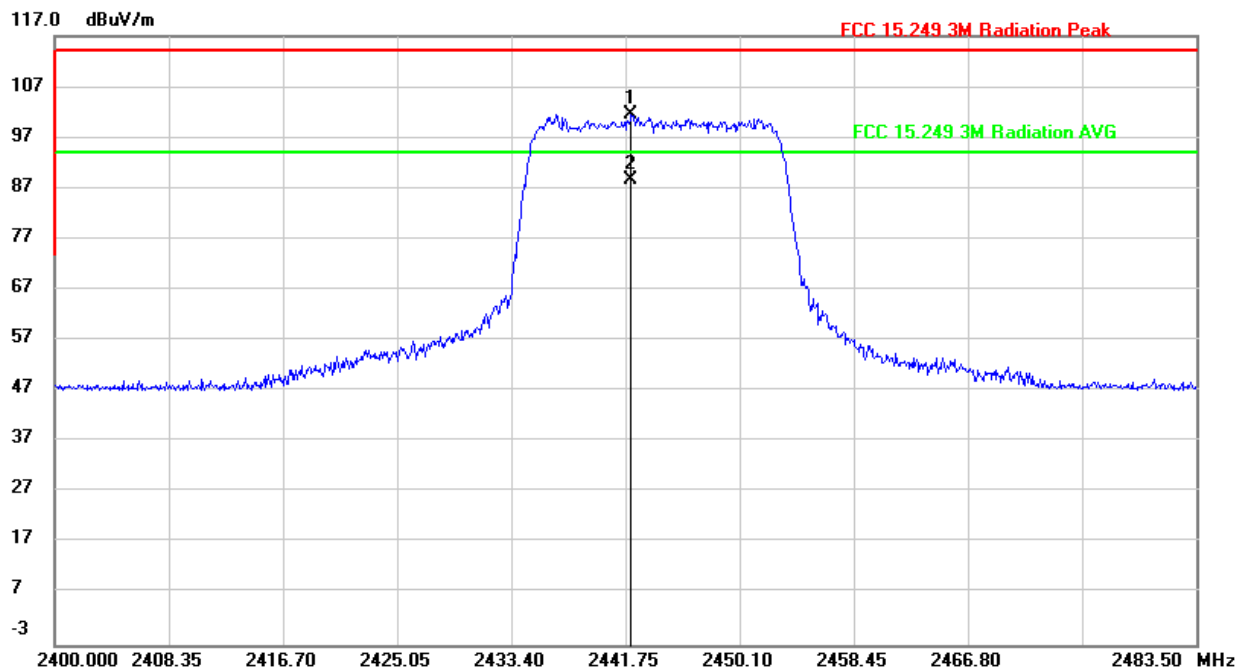
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2390.000	14.57	33.24	47.81	74.00	-26.19	peak
2	2400.000	19.42	33.17	52.59	74.00	-21.41	peak
3	2418.250	62.98	33.08	96.06	114.00	-17.94	peak
4	2418.250	45.96	33.08	79.04	94.00	-14.96	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

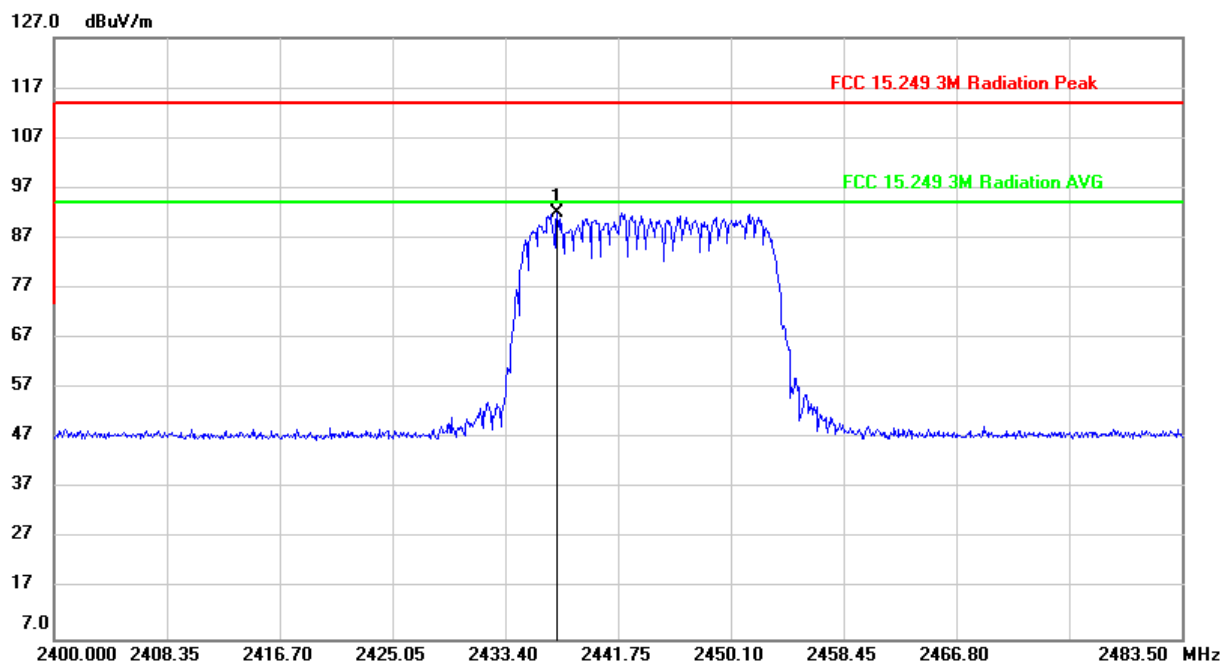
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2442.168	68.69	32.86	101.55	114.00	-12.45	peak
2	2442.168	55.67	32.86	88.53	94.00	-5.47	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

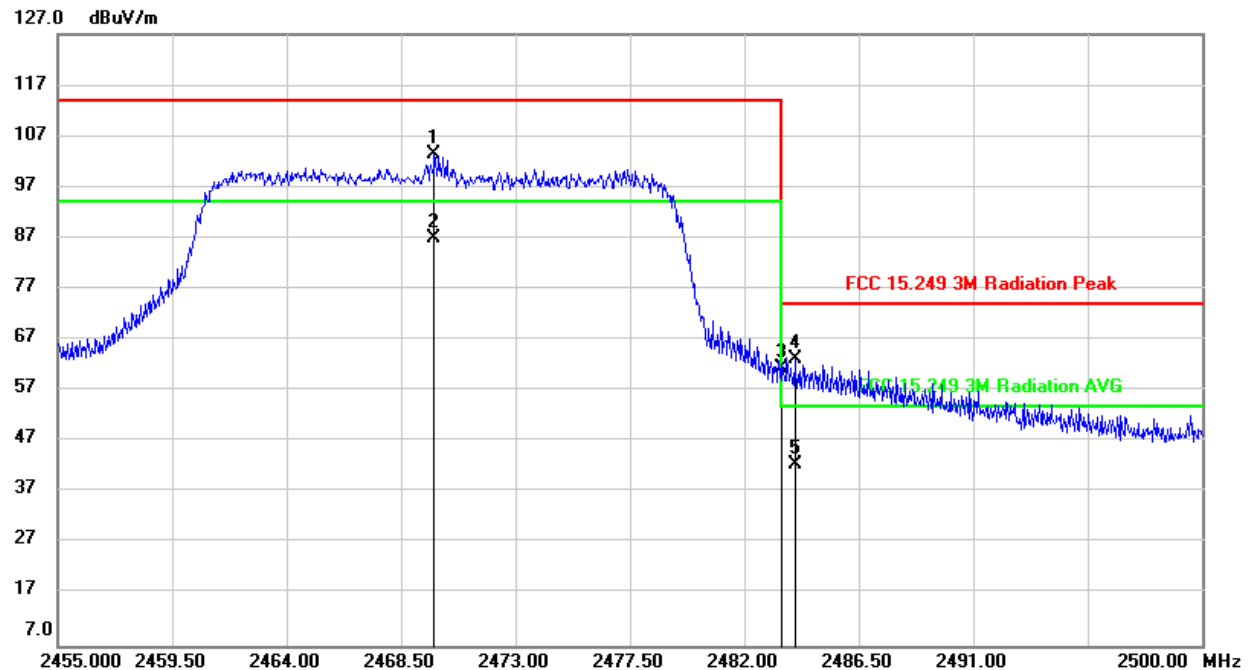
FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2437.241	58.96	32.99	91.95	114.00	-22.05	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.805	70.63	32.80	103.43	114.00	-10.57	peak
2	2469.805	54.13	32.80	86.93	94.00	-7.07	AVG
3	2483.500	28.53	32.78	61.31	74.00	-12.69	peak
4	2483.980	30.45	32.78	63.23	74.00	-10.77	peak
5	2483.980	9.67	32.78	42.45	54.00	-11.55	AVG

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

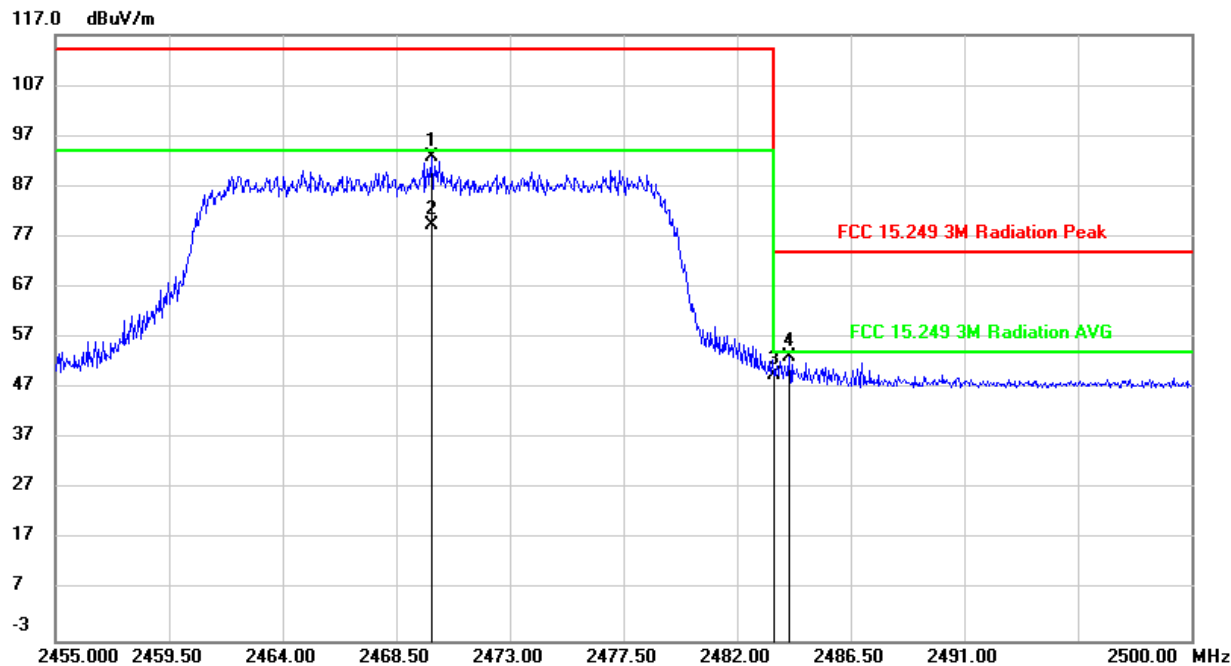
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Peak: Peak detector.

4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).

5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2469.895	59.98	32.90	92.88	114.00	-21.12	peak
2	2469.895	46.46	32.90	79.36	94.00	-14.64	AVG
3	2483.500	16.90	32.88	49.78	74.00	-24.22	peak
4	2484.070	20.41	32.88	53.29	74.00	-20.71	peak

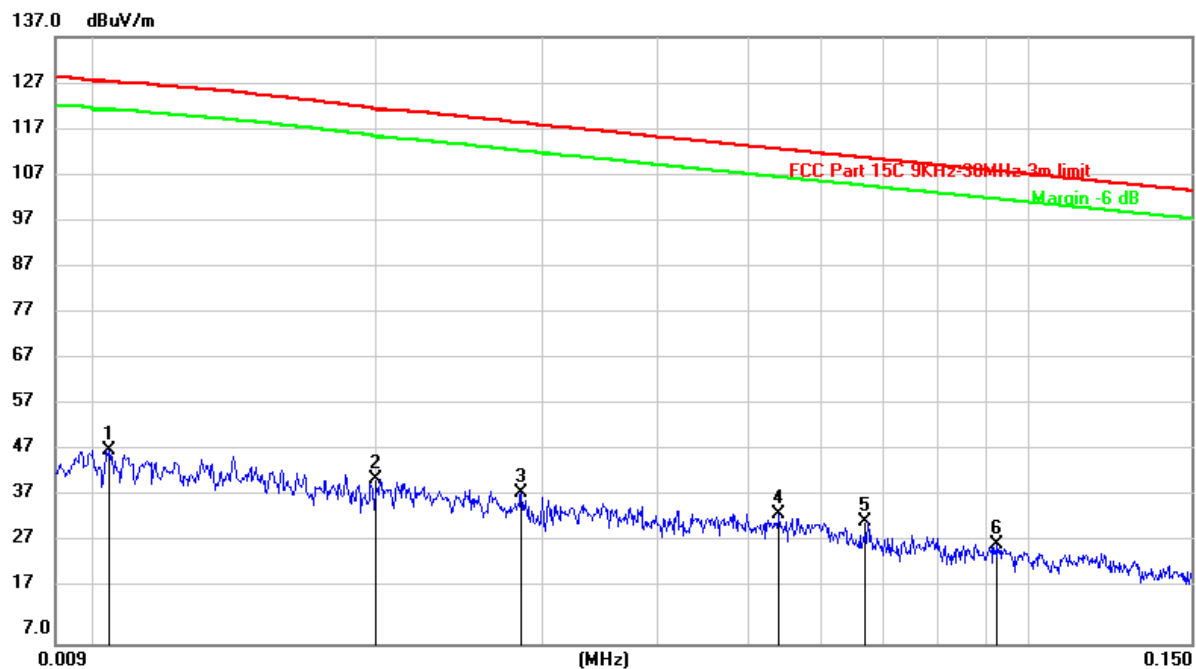
Note: 1. Measurement = Reading Level + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Peak: Peak detector.
 4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
 5. DCCF: Duty Cycle Correction Factor, Please refer to clause 7.1.ON TIME AND DUTY CYCLE.

Note 2: EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

8.3. SPURIOUS EMISSIONS BELOW 30M (WORST-CASE CONFIGURATION)

QPSK 10MHz Bandwidth Mode

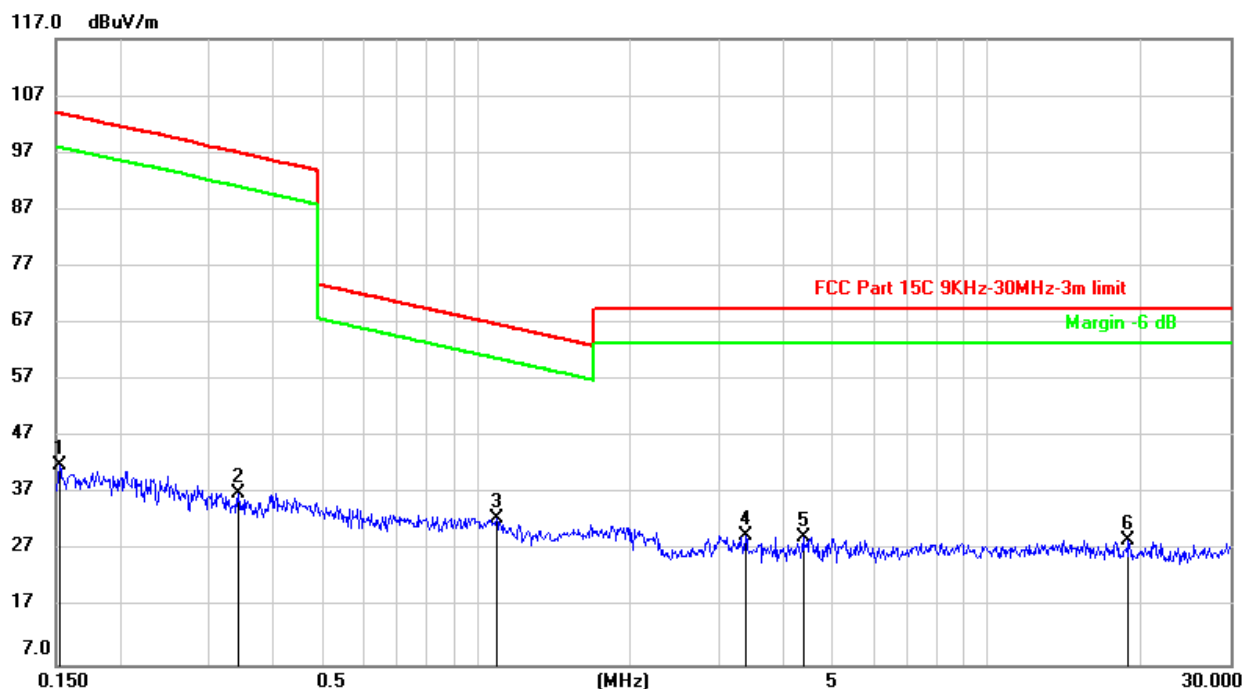
SPURIOUS EMISSIONS BELOW 150KHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency (KHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0103	28.19	20.21	48.40	127.42	-79.02	peak
2	0.0200	21.80	20.31	42.11	121.58	-79.47	peak
3	0.0285	19.06	20.31	39.37	118.59	-79.22	peak
4	0.0539	14.63	20.31	34.94	113.00	-78.06	peak
5	0.0670	12.71	20.31	33.02	111.10	-78.08	peak
6	0.0926	7.95	20.25	28.20	108.28	-80.08	peak

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

2. Peak: Peak detector.

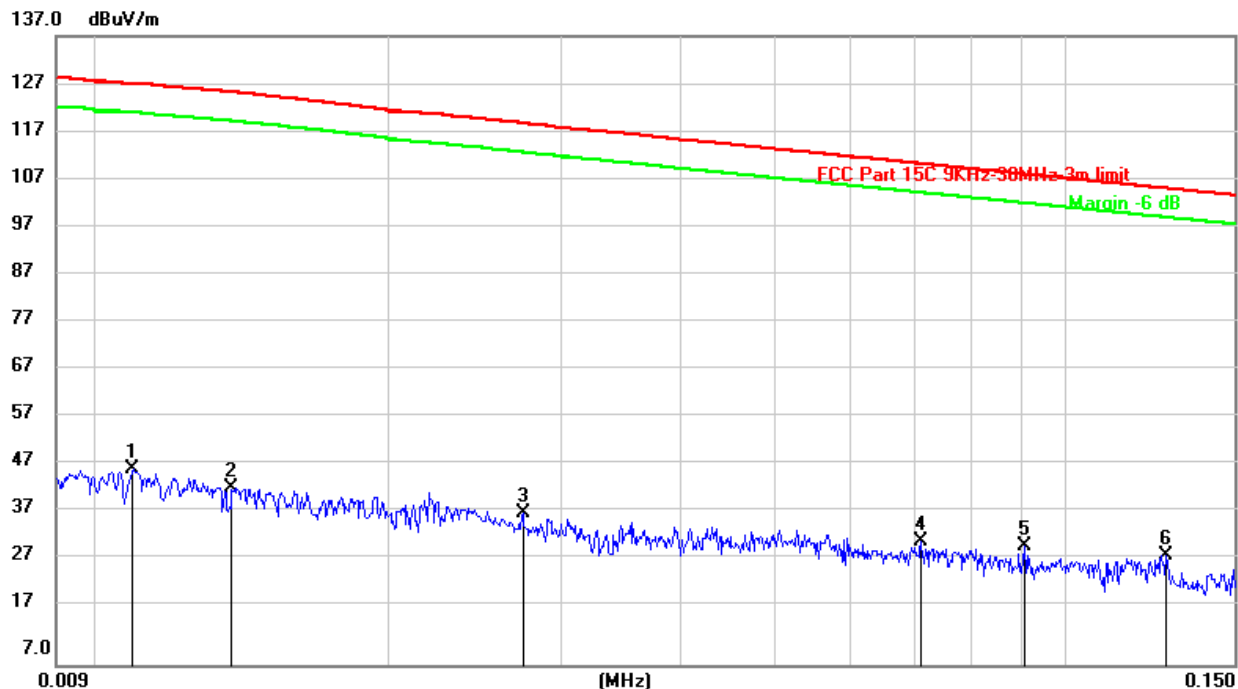
SPURIOUS EMISSIONS BELOW 30MHz (LOW CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1524	21.66	20.42	42.08	103.95	-61.87	peak
2	0.3410	16.95	20.29	37.24	97.03	-59.79	peak
3	1.0939	12.43	20.41	32.84	66.83	-33.99	peak
4	3.3635	8.79	20.96	29.75	69.54	-39.79	peak
5	4.3605	8.43	20.97	29.40	69.54	-40.14	peak
6	18.9205	7.85	21.02	28.87	69.54	-40.67	peak

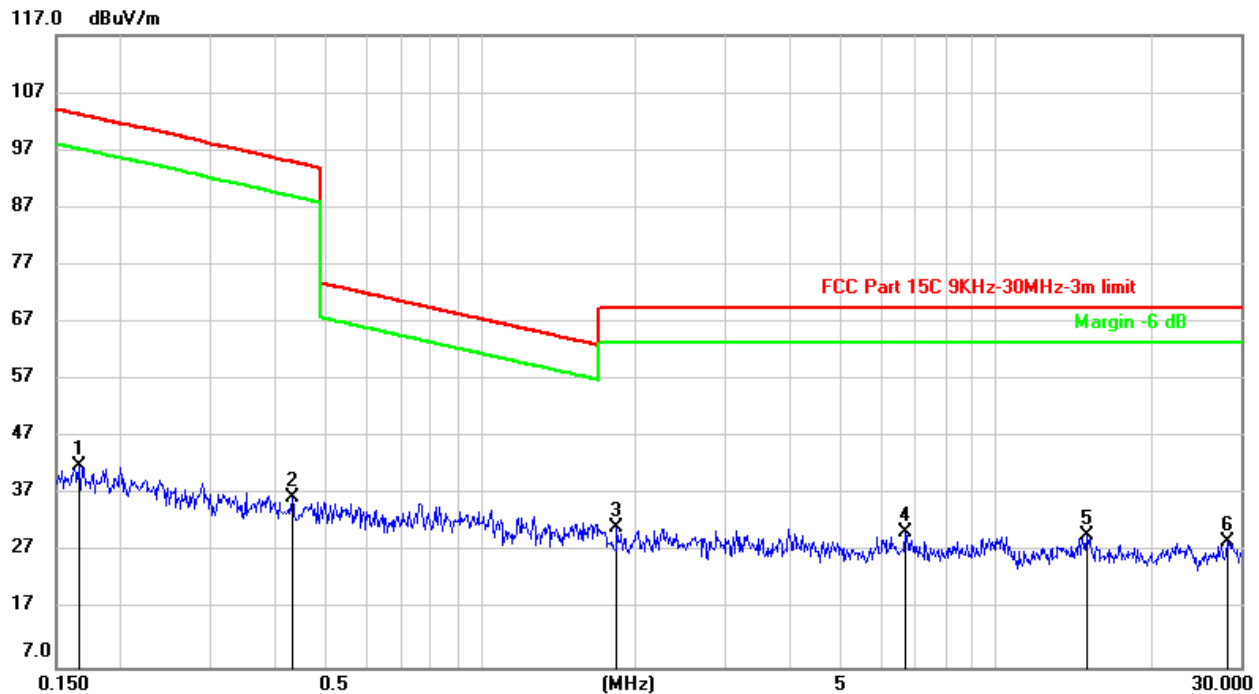
Note: 1. Measurement = Reading Level + Correct Factor.

2. Peak: Peak detector.

SPURIOUS EMISSIONS BELOW 150KHz (LOW CHANNEL, VERTICAL)



Note: 1. Measurement = Reading Level + Correct Factor.
2. Peak: Peak detector.

SPURIOUS EMISSIONS BELOW 30MHz (LOW CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1658	21.53	20.40	41.93	103.22	-61.29	peak
2	0.4304	16.43	20.27	36.70	94.97	-58.27	peak
3	1.8386	10.78	20.67	31.45	69.54	-38.09	peak
4	6.6623	9.71	20.90	30.61	69.54	-38.93	peak
5	15.0655	9.01	20.93	29.94	69.54	-39.60	peak
6	28.1520	6.91	21.83	28.74	69.54	-40.80	peak

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

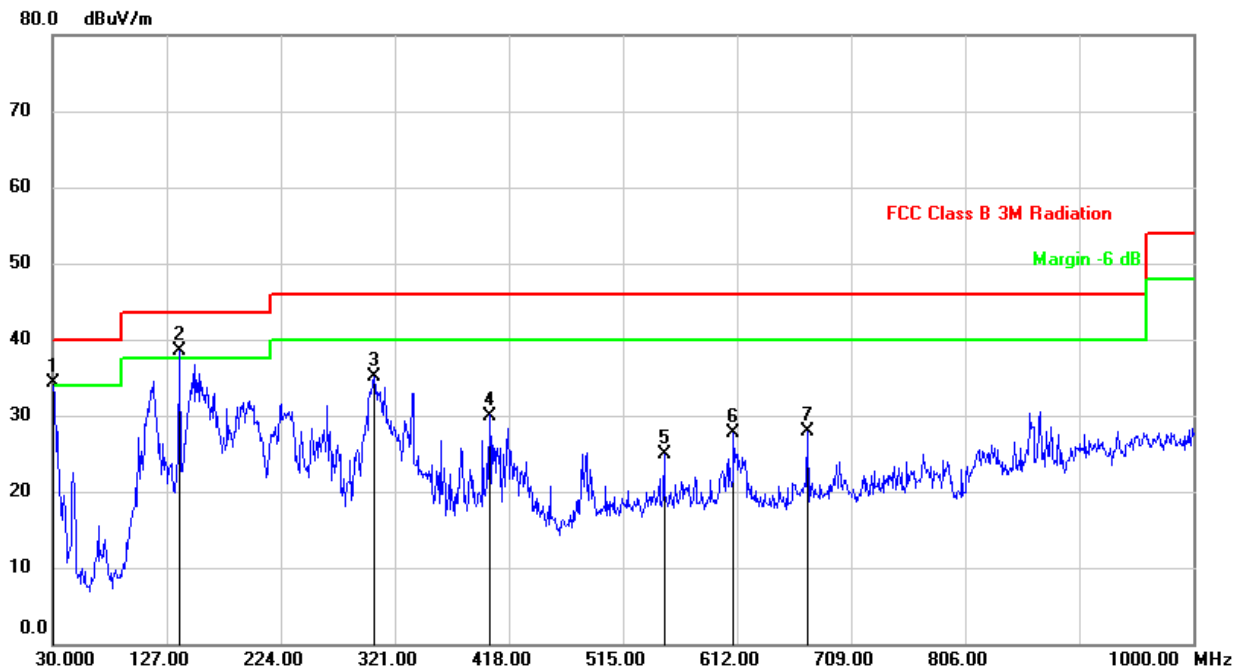
2. Peak: Peak detector.

Note 2: EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

8.4. SPURIOUS EMISSIONS BELOW 1 GHz (WORST-CASE CONFIGURATION)

QPSK 10MHz Bandwidth Mode

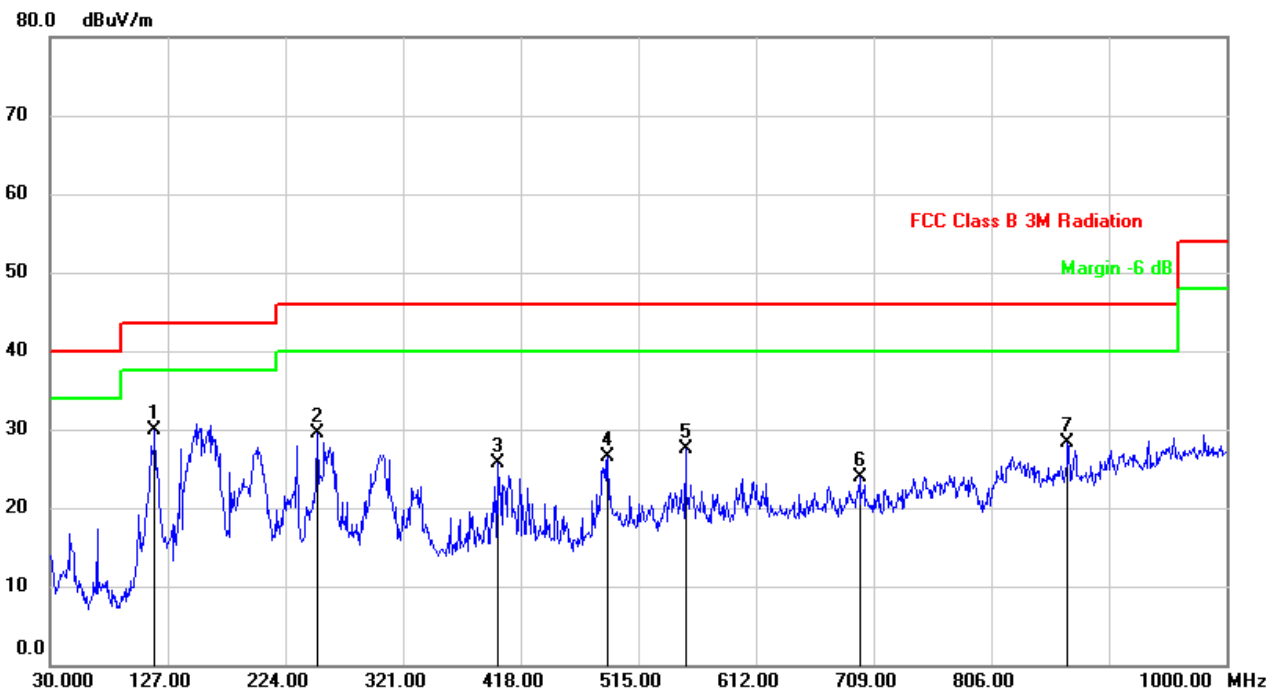
SPURIOUS EMISSIONS BELOW 1GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	30.0000	48.55	-14.33	34.22	40.00	-5.78	QP
2	137.6700	52.65	-14.15	38.50	43.50	-5.00	QP
3	303.5400	46.99	-11.86	35.13	46.00	-10.87	QP
4	401.5100	40.19	-10.19	30.00	46.00	-16.00	QP
5	549.9200	32.25	-7.35	24.90	46.00	-21.10	QP
6	609.0900	34.57	-6.93	27.64	46.00	-18.36	QP
7	672.1400	33.60	-5.76	27.84	46.00	-18.16	QP

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

SPURIOUS EMISSIONS BELOW 1GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	116.3300	46.30	-16.42	29.88	43.50	-13.62	QP
2	250.1900	42.73	-13.31	29.42	46.00	-16.58	QP
3	398.6000	35.98	-10.23	25.75	46.00	-20.25	QP
4	489.7800	35.01	-8.44	26.57	46.00	-19.43	QP
5	553.8000	34.88	-7.41	27.47	46.00	-18.53	QP
6	697.3600	1.11	22.73	23.84	46.00	-22.16	QP
7	869.0500	4.10	24.29	28.39	46.00	-17.61	QP

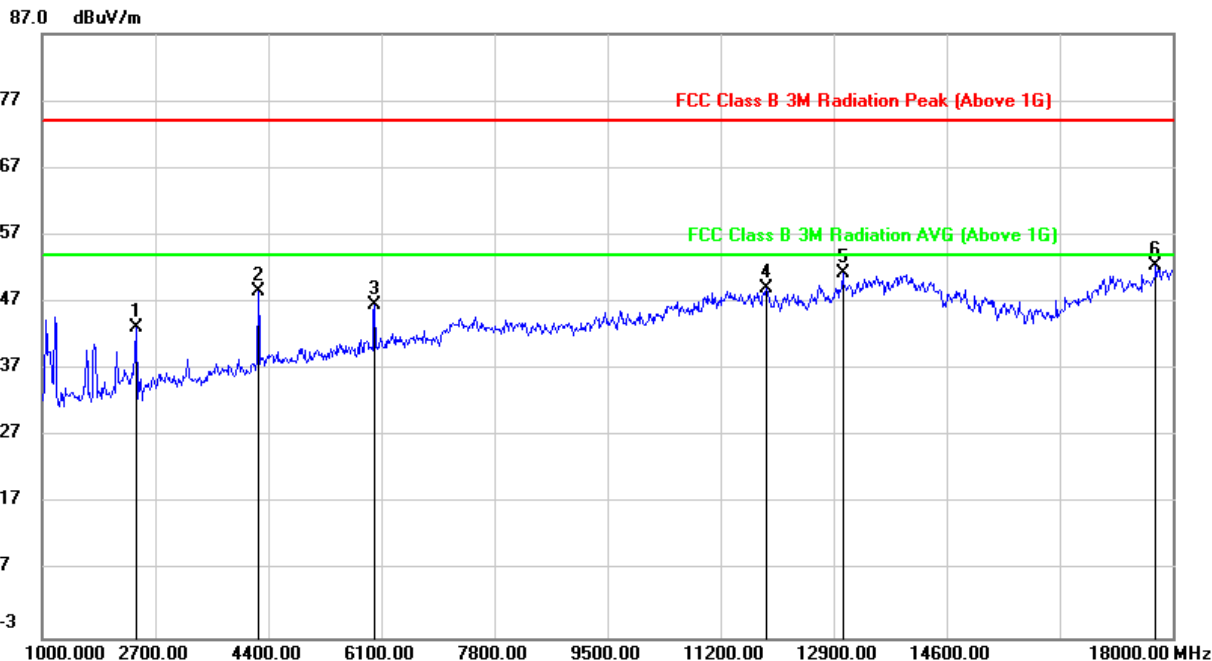
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

Note 2: EUT in each of three orthogonal axis emissions had been tested, but only the worst case (X axis) data recorded in the report.

8.5. SPURIOUS EMISSIONS 1~18GHz

QPSK 10MHz Bandwidth Mode

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



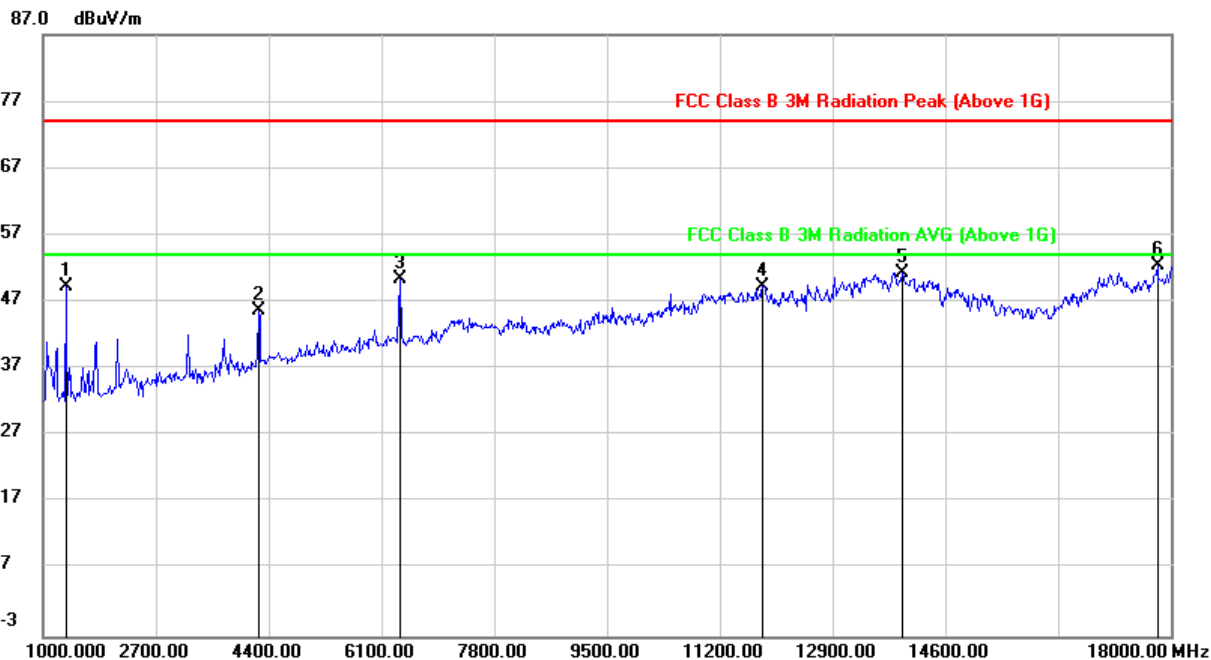
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2411.000	52.28	-9.04	43.24	74.00	-30.76	peak
2	4247.000	52.04	-3.36	48.68	74.00	-25.32	peak
3	5998.000	44.62	1.99	46.61	74.00	-27.39	peak
4	11880.000	33.86	15.18	49.04	74.00	-24.96	peak
5	13036.000	34.25	17.14	51.39	74.00	-22.61	peak
6	17745.000	27.35	25.16	52.51	74.00	-21.49	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

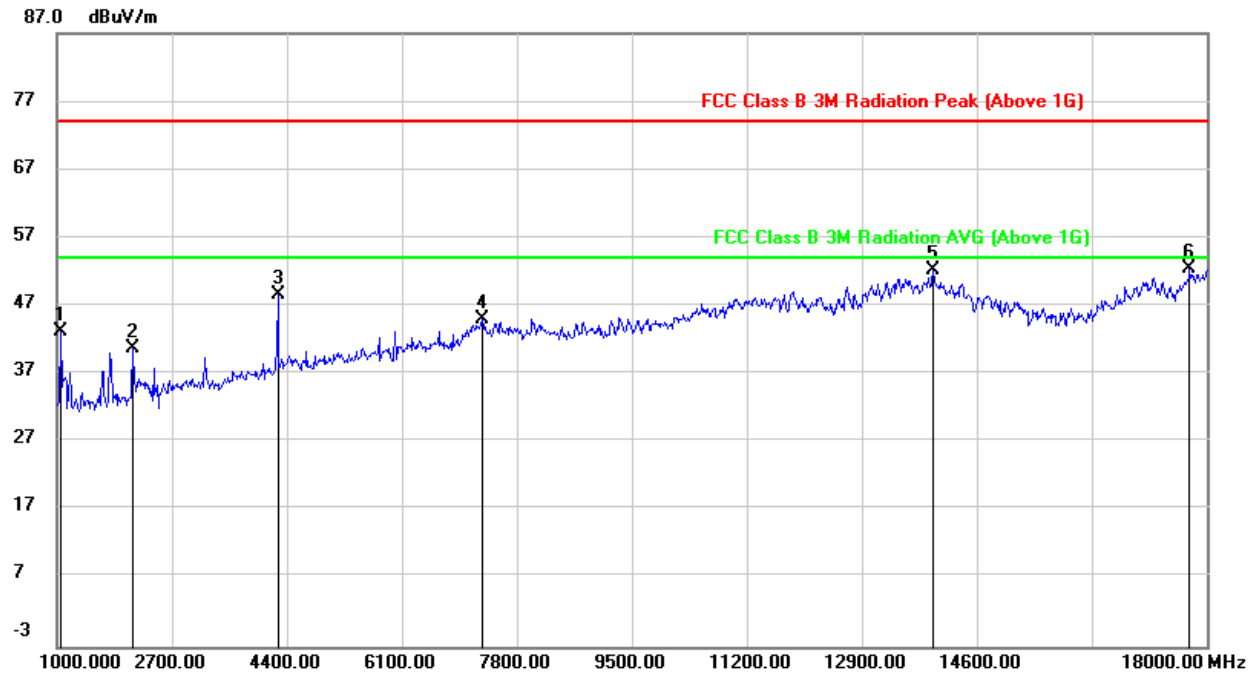
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1340.000	62.17	-12.85	49.32	74.00	-24.68	peak
2	4247.000	48.86	-3.26	45.60	74.00	-28.40	peak
3	6389.000	47.40	3.11	50.51	74.00	-23.49	peak
4	11846.000	34.18	15.06	49.24	74.00	-24.76	peak
5	13954.000	32.32	19.06	51.38	74.00	-22.62	peak
6	17796.000	26.20	26.24	52.44	74.00	-21.56	peak

Note: 1. Result = Reading + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

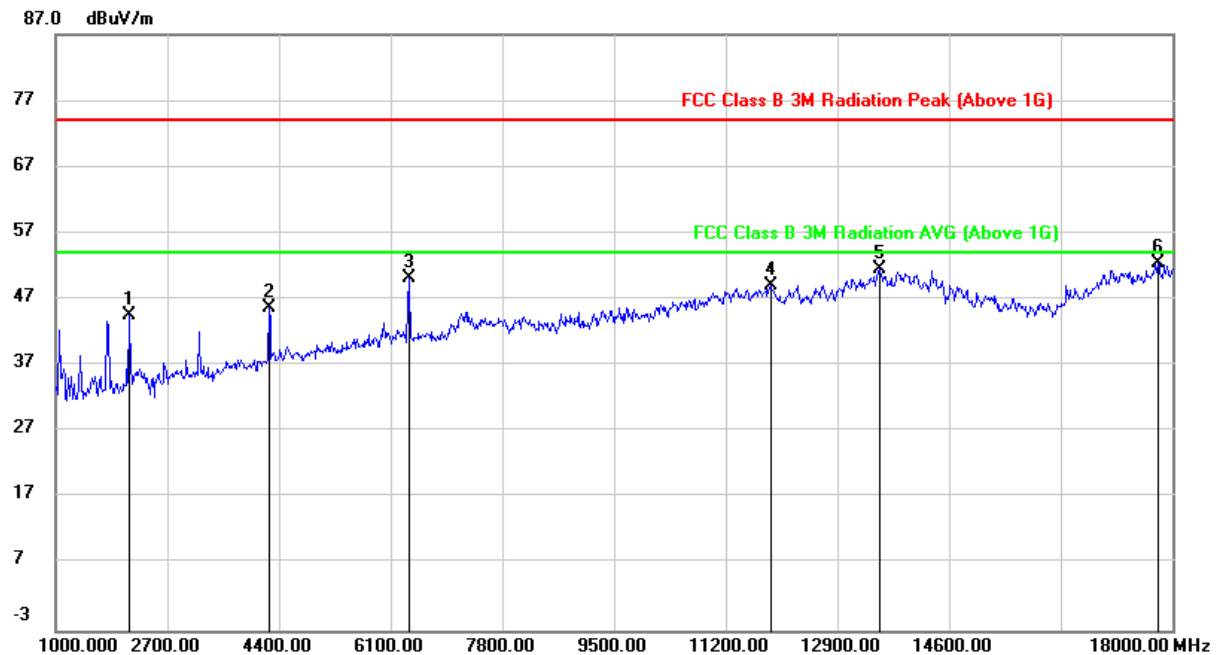
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1051.000	57.28	-14.11	43.17	74.00	-30.83	peak
2	2122.000	50.79	-9.93	40.86	74.00	-33.14	peak
3	4264.000	51.98	-3.25	48.73	74.00	-25.27	peak
4	7290.000	39.14	5.98	45.12	74.00	-28.88	peak
5	13954.000	33.17	18.96	52.13	74.00	-21.87	peak
6	17745.000	27.40	25.16	52.56	74.00	-21.44	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

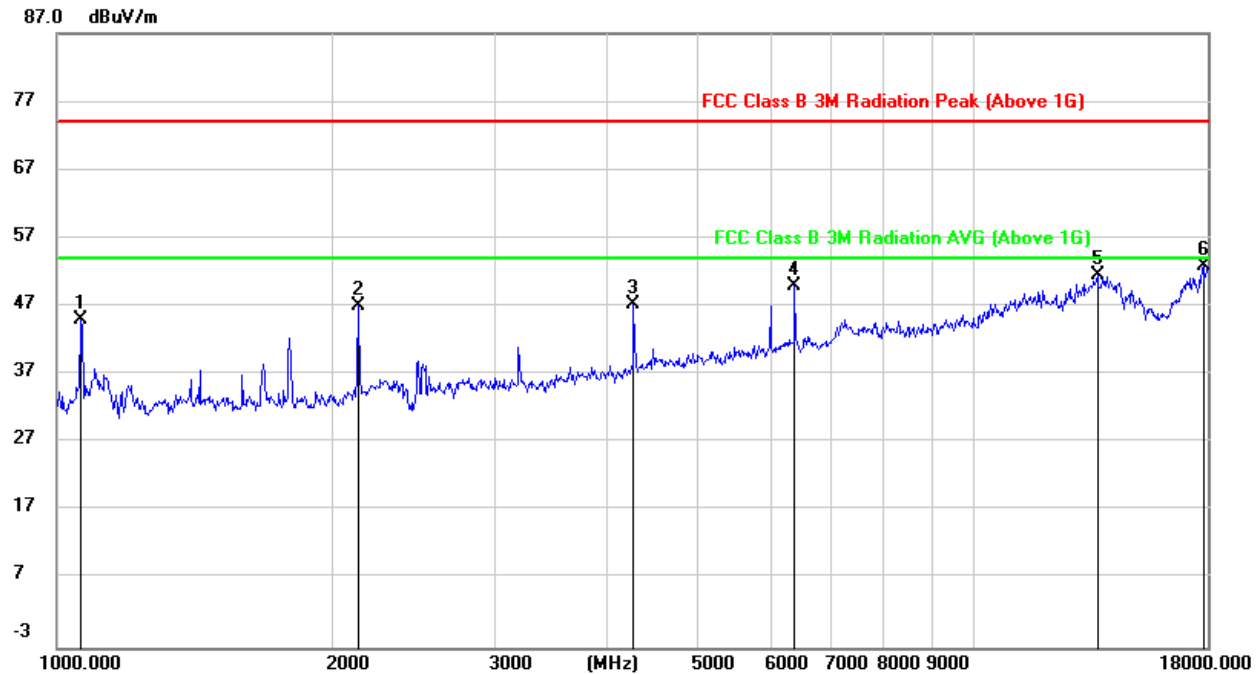
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2122.000	54.72	-10.03	44.69	74.00	-29.31	peak
2	4247.000	49.06	-3.26	45.80	74.00	-28.20	peak
3	6372.000	47.18	3.07	50.25	74.00	-23.75	peak
4	11880.000	34.06	15.08	49.14	74.00	-24.86	peak
5	13546.000	32.29	19.38	51.67	74.00	-22.33	peak
6	17779.000	26.52	25.99	52.51	74.00	-21.49	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

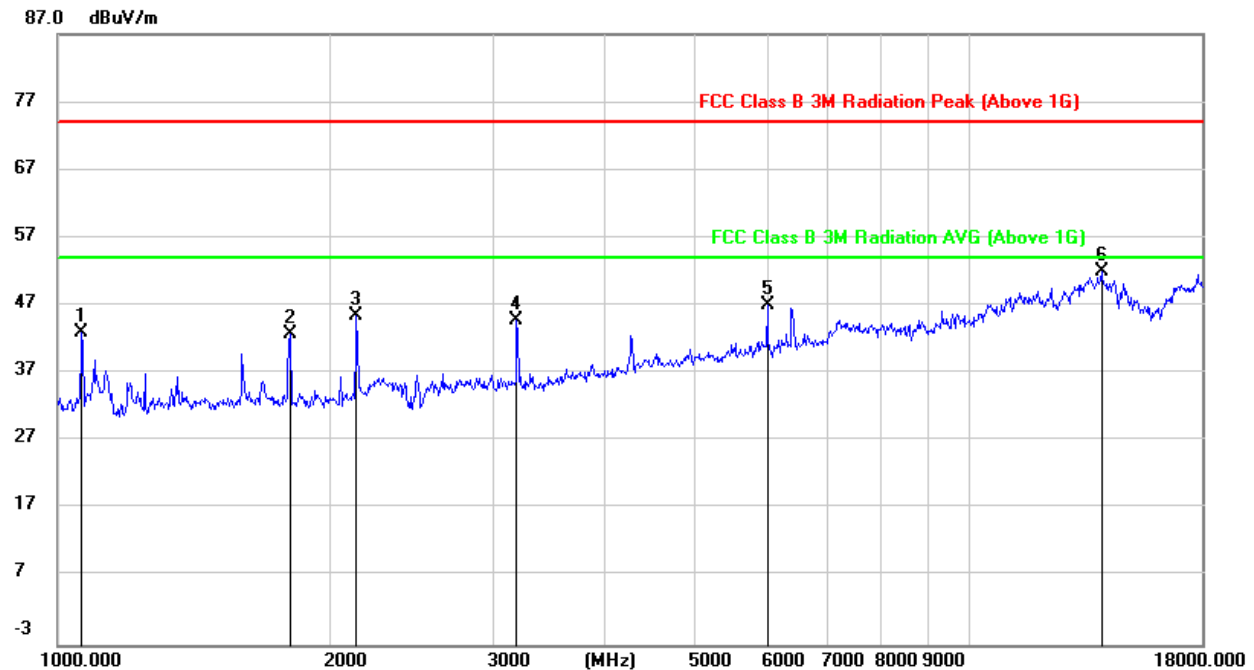
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.14	-14.07	45.07	74.00	-28.93	peak
2	2138.635	56.70	-9.71	46.99	74.00	-27.01	peak
3	4254.921	50.67	-3.31	47.36	74.00	-26.64	peak
4	6377.195	47.04	3.03	50.07	74.00	-23.93	peak
5	13638.492	32.61	18.90	51.51	74.00	-22.49	peak
6	17793.092	27.18	25.79	52.97	74.00	-21.03	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	57.49	-14.37	43.12	74.00	-30.88	peak
2	1798.127	54.50	-11.77	42.73	74.00	-31.27	peak
3	2132.462	55.32	-9.88	45.44	74.00	-28.56	peak
4	3186.869	51.10	-6.38	44.72	74.00	-29.28	peak
5	6001.626	44.91	2.10	47.01	74.00	-26.99	peak
6	13957.529	32.91	19.05	51.96	74.00	-22.04	peak

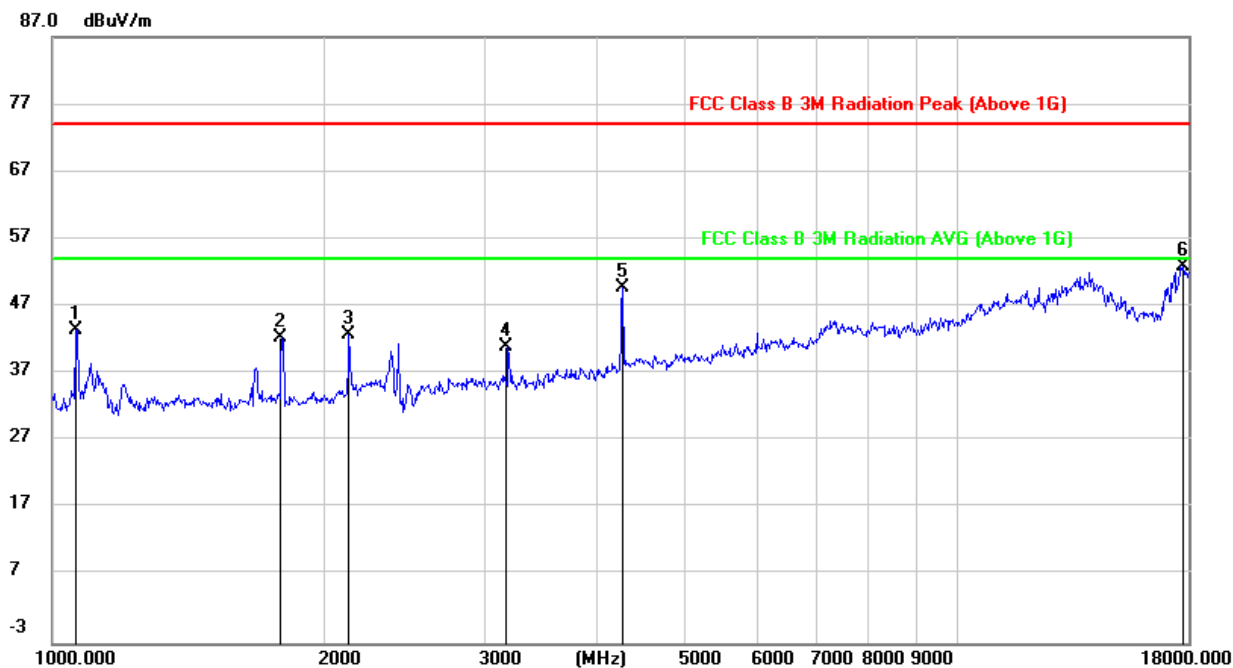
Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

16QAM 10MHz Bandwidth Mode

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)

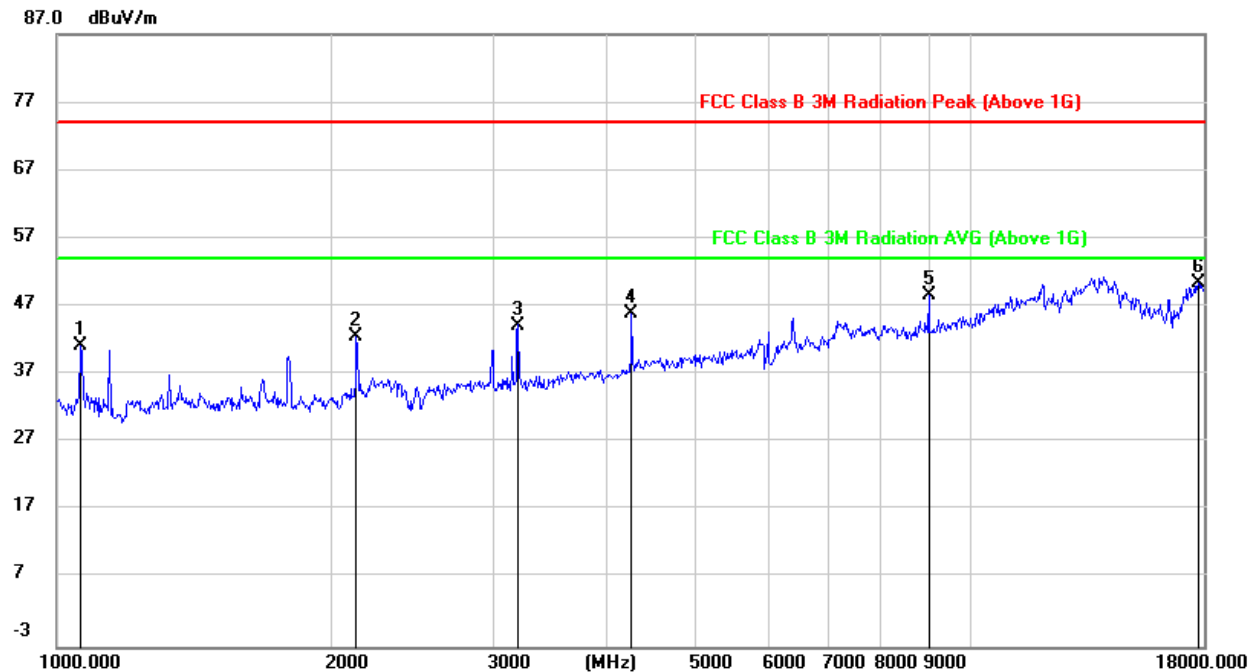


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	57.59	-14.07	43.52	74.00	-30.48	peak
2	1792.937	54.06	-11.79	42.27	74.00	-31.73	peak
3	2132.462	52.66	-9.78	42.88	74.00	-31.12	peak
4	3186.869	47.31	-6.40	40.91	74.00	-33.09	peak
5	4267.237	52.94	-3.24	49.70	74.00	-24.30	peak
6	17741.737	27.80	25.16	52.96	74.00	-21.04	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

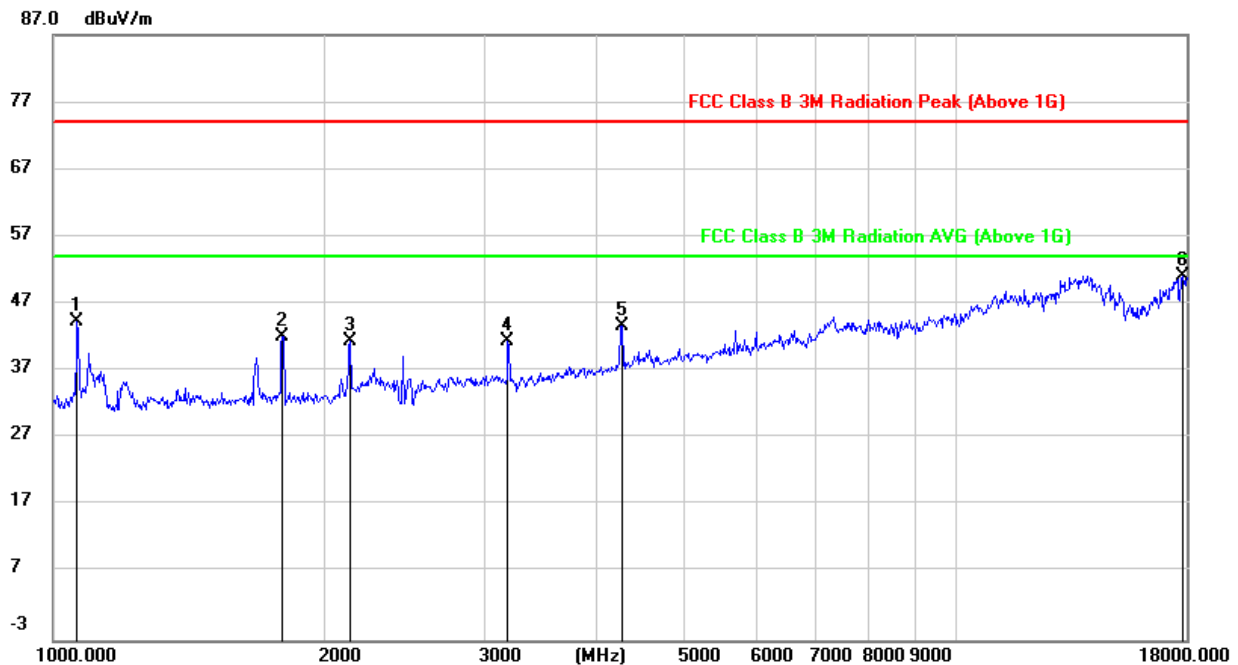
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	55.65	-14.37	41.28	74.00	-32.72	peak
2	2132.462	52.45	-9.88	42.57	74.00	-31.43	peak
3	3196.094	50.60	-6.35	44.25	74.00	-29.75	peak
4	4254.921	49.06	-3.21	45.85	74.00	-28.15	peak
5	8995.123	40.87	7.74	48.61	74.00	-25.39	peak
6	17741.737	25.05	25.47	50.52	74.00	-23.48	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

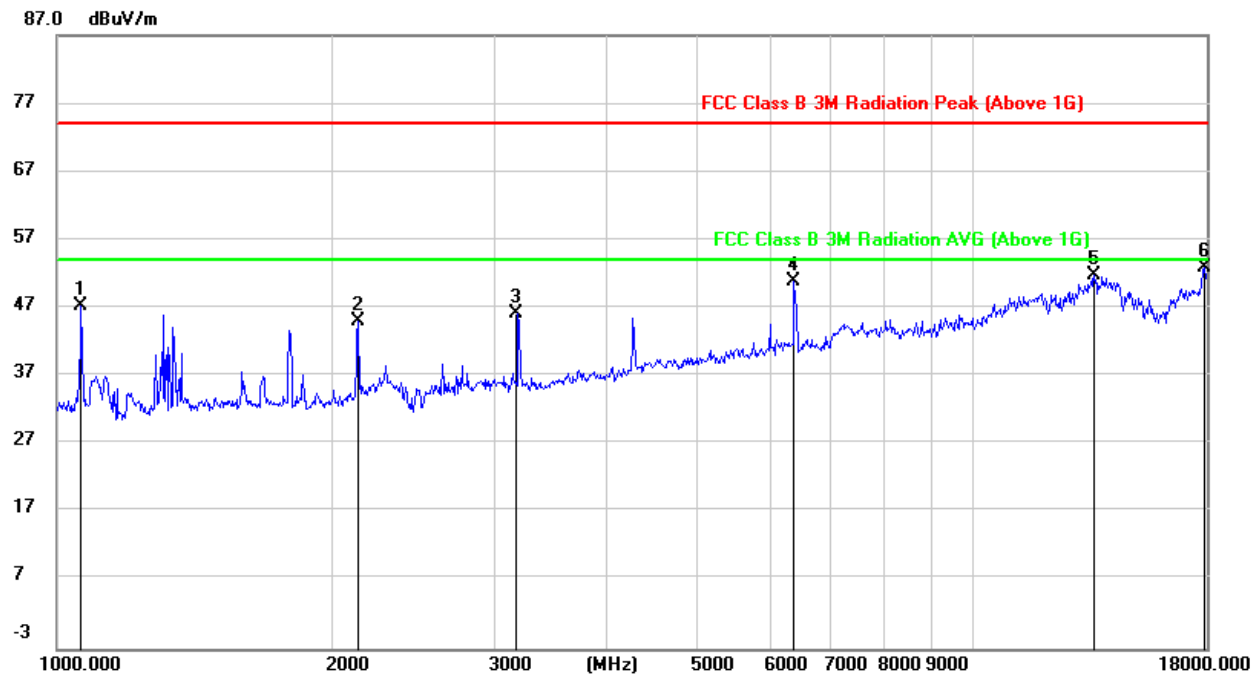
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.43	-14.07	44.36	74.00	-29.64	peak
2	1792.937	53.86	-11.79	42.07	74.00	-31.93	peak
3	2138.635	51.21	-9.71	41.50	74.00	-32.50	peak
4	3186.869	47.94	-6.40	41.54	74.00	-32.46	peak
5	4267.237	46.99	-3.24	43.75	74.00	-30.25	peak
6	17793.092	25.41	25.79	51.20	74.00	-22.80	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

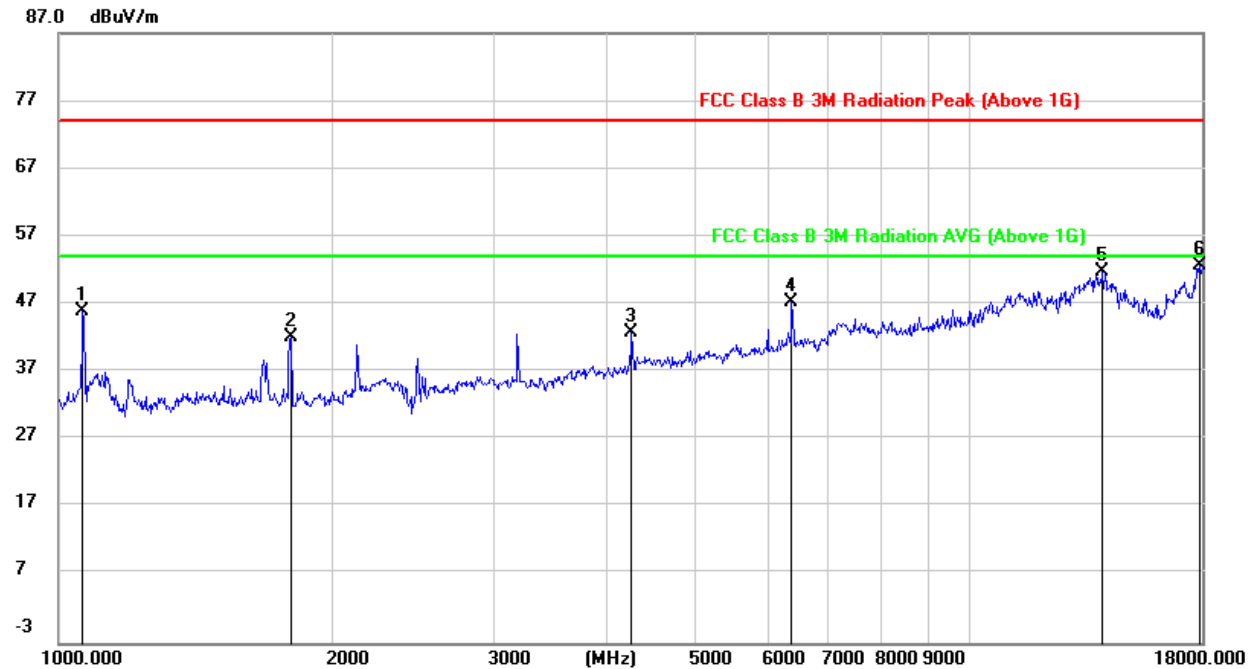
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	61.57	-14.37	47.20	74.00	-26.80	peak
2	2138.635	54.87	-9.81	45.06	74.00	-28.94	peak
3	3186.869	52.46	-6.38	46.08	74.00	-27.92	peak
4	6377.195	47.84	3.08	50.92	74.00	-23.08	peak
5	13559.879	32.48	19.29	51.77	74.00	-22.23	peak
6	17896.247	26.85	25.99	52.84	74.00	-21.16	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

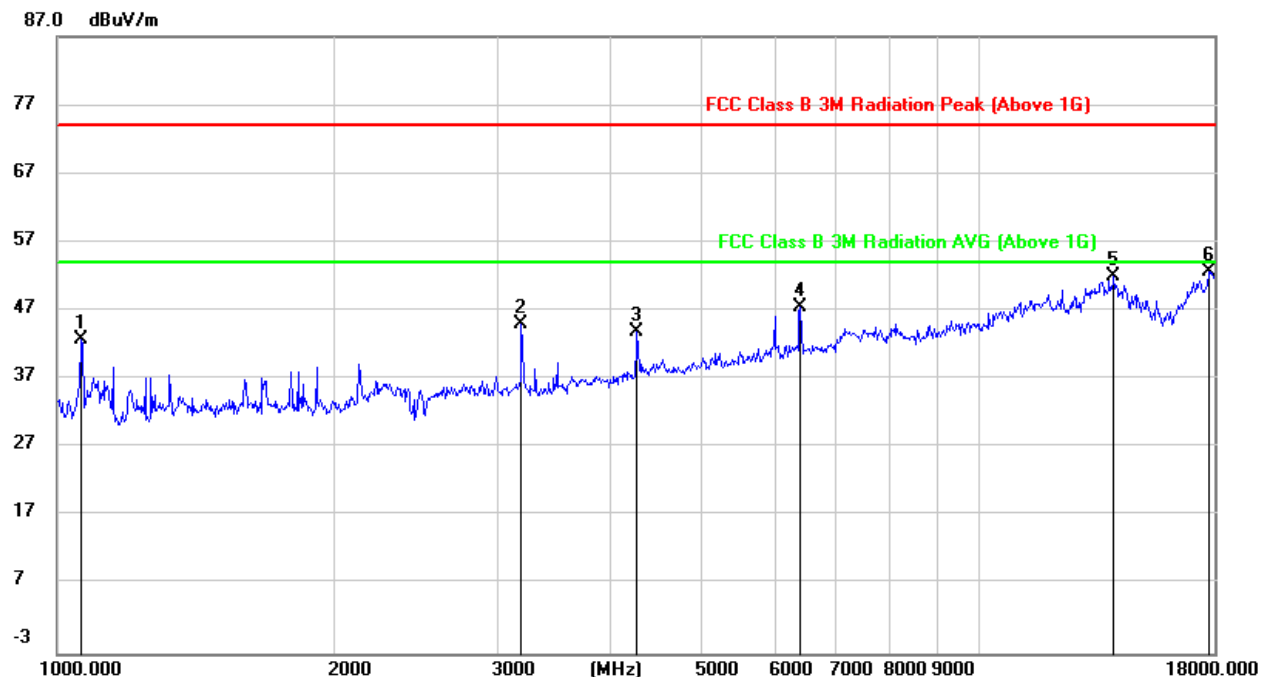
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	60.04	-14.07	45.97	74.00	-28.03	peak
2	1798.127	53.99	-11.77	42.22	74.00	-31.78	peak
3	4254.921	46.16	-3.31	42.85	74.00	-31.15	peak
4	6377.195	44.30	3.03	47.33	74.00	-26.67	peak
5	13997.929	32.92	18.87	51.79	74.00	-22.21	peak
6	17896.247	27.02	25.75	52.77	74.00	-21.23	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	57.19	-14.37	42.82	74.00	-31.18	peak
2	3186.869	51.46	-6.38	45.08	74.00	-28.92	peak
3	4254.921	47.11	-3.21	43.90	74.00	-30.10	peak
4	6395.654	44.31	3.11	47.42	74.00	-26.58	peak
5	13997.929	33.05	18.97	52.02	74.00	-21.98	peak
6	17741.737	27.24	25.47	52.71	74.00	-21.29	peak

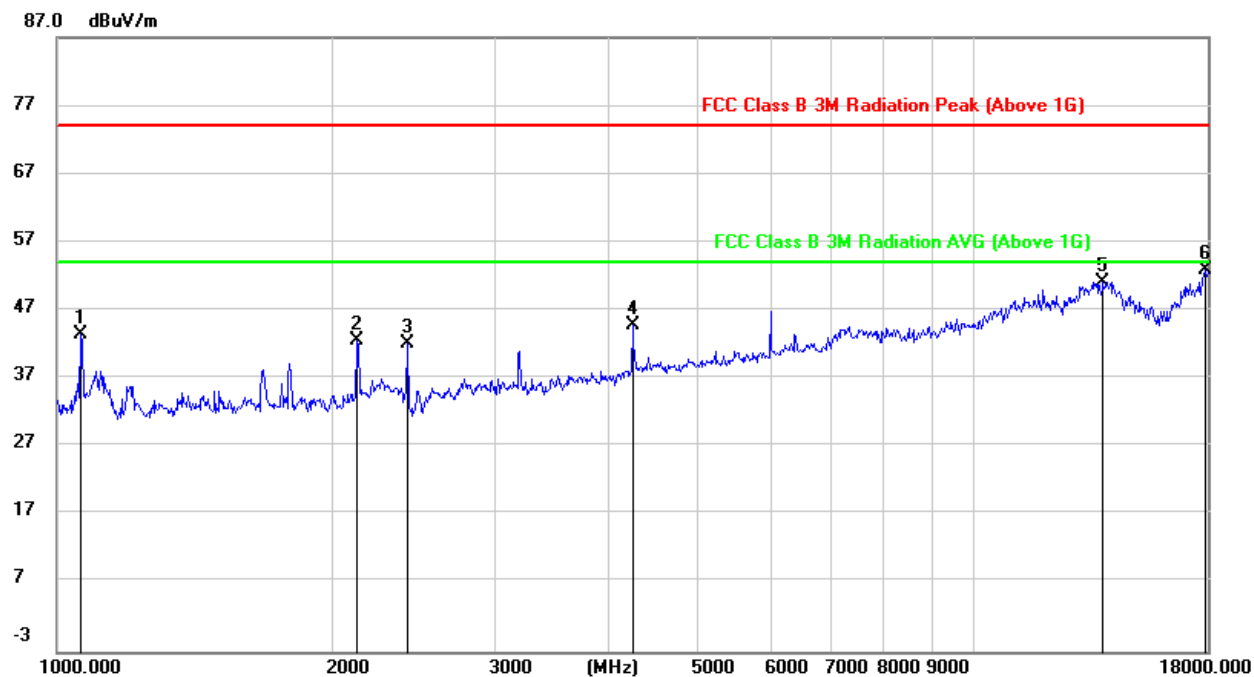
Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

OFDM 10MHz Bandwidth Mode

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



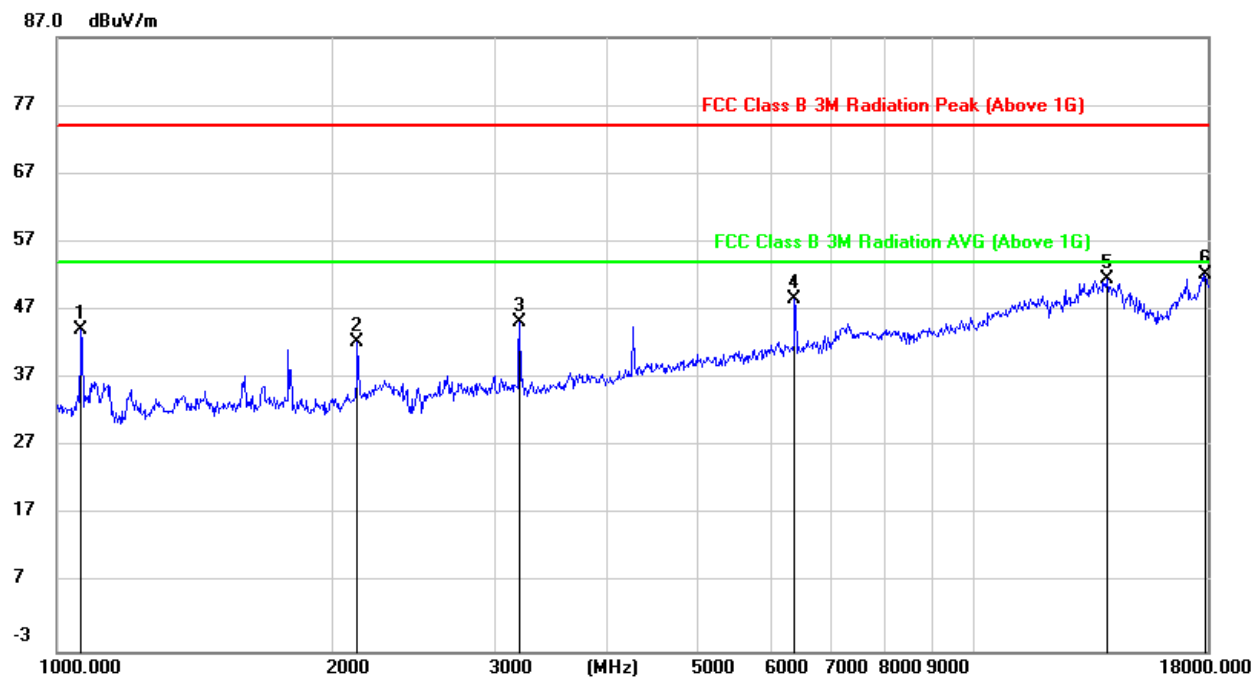
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	57.63	-14.07	43.56	74.00	-30.44	peak
2	2120.171	52.62	-9.95	42.67	74.00	-31.33	peak
3	2414.672	51.23	-9.06	42.17	74.00	-31.83	peak
4	4242.641	48.11	-3.37	44.74	74.00	-29.26	peak
5	13837.024	32.18	19.01	51.19	74.00	-22.81	peak
6	17896.247	27.21	25.75	52.96	74.00	-21.04	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)

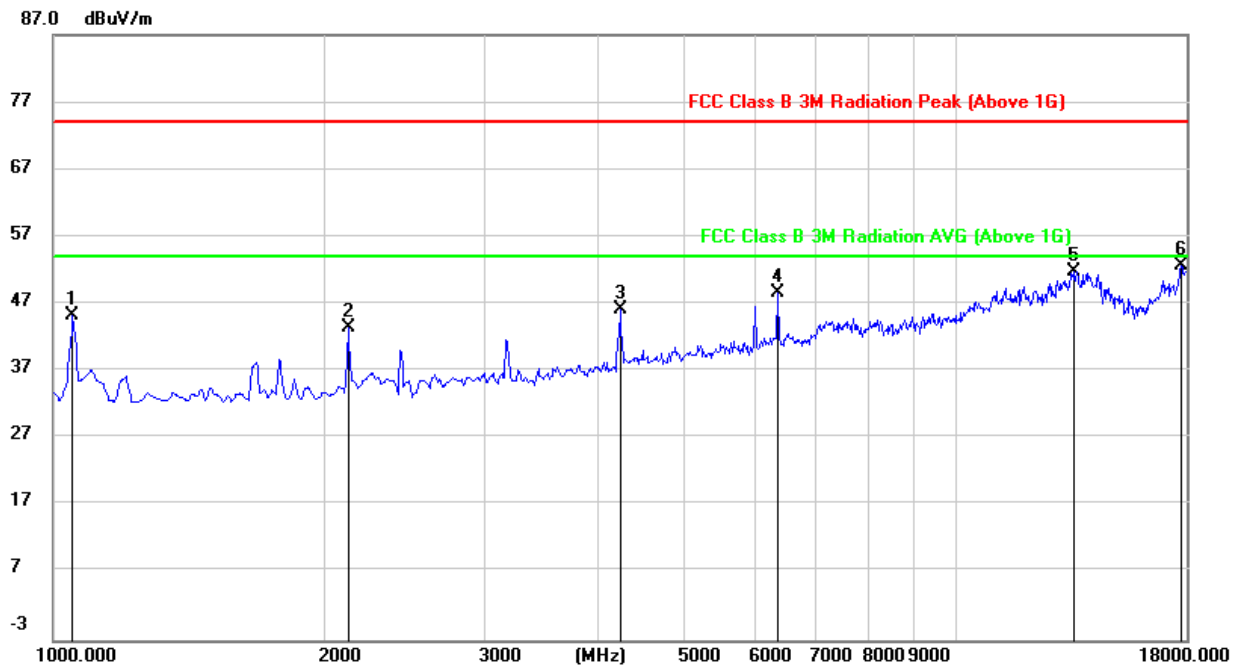


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.61	-14.37	44.24	74.00	-29.76	peak
2	2132.462	52.23	-9.88	42.35	74.00	-31.65	peak
3	3196.094	51.68	-6.35	45.33	74.00	-28.67	peak
4	6377.195	45.64	3.08	48.72	74.00	-25.28	peak
5	13957.529	32.43	19.05	51.48	74.00	-22.52	peak
6	17896.247	26.26	25.99	52.25	74.00	-21.75	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

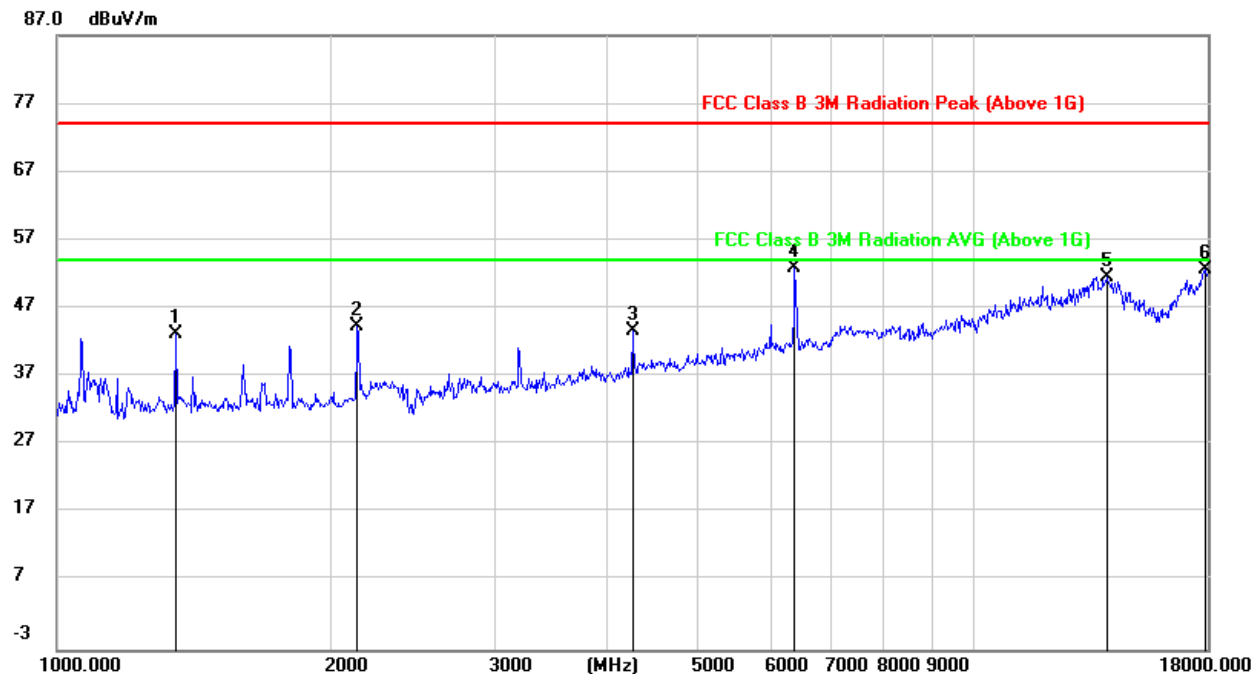
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1051.000	59.48	-14.11	45.37	74.00	-28.63	peak
2	2122.000	53.42	-9.93	43.49	74.00	-30.51	peak
3	4247.000	49.51	-3.36	46.15	74.00	-27.85	peak
4	6355.000	45.57	3.04	48.61	74.00	-25.39	peak
5	13546.000	32.92	18.78	51.70	74.00	-22.30	peak
6	17779.000	27.16	25.59	52.75	74.00	-21.25	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

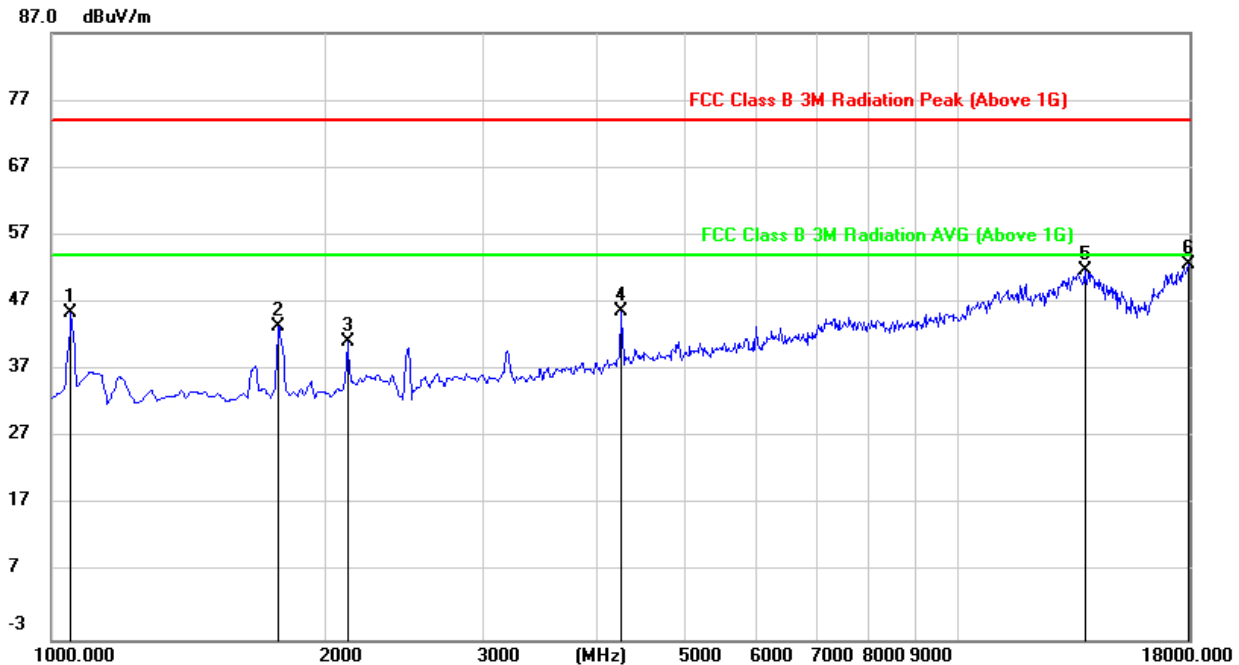
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1350.667	56.00	-12.80	43.20	74.00	-30.80	peak
2	2132.462	54.26	-9.88	44.38	74.00	-29.62	peak
3	4242.641	47.04	-3.27	43.77	74.00	-30.23	peak
4	6377.195	49.82	3.08	52.90	74.00	-21.10	peak
5	13957.529	32.59	19.05	51.64	74.00	-22.36	peak
6	17896.247	26.66	25.99	52.65	74.00	-21.35	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

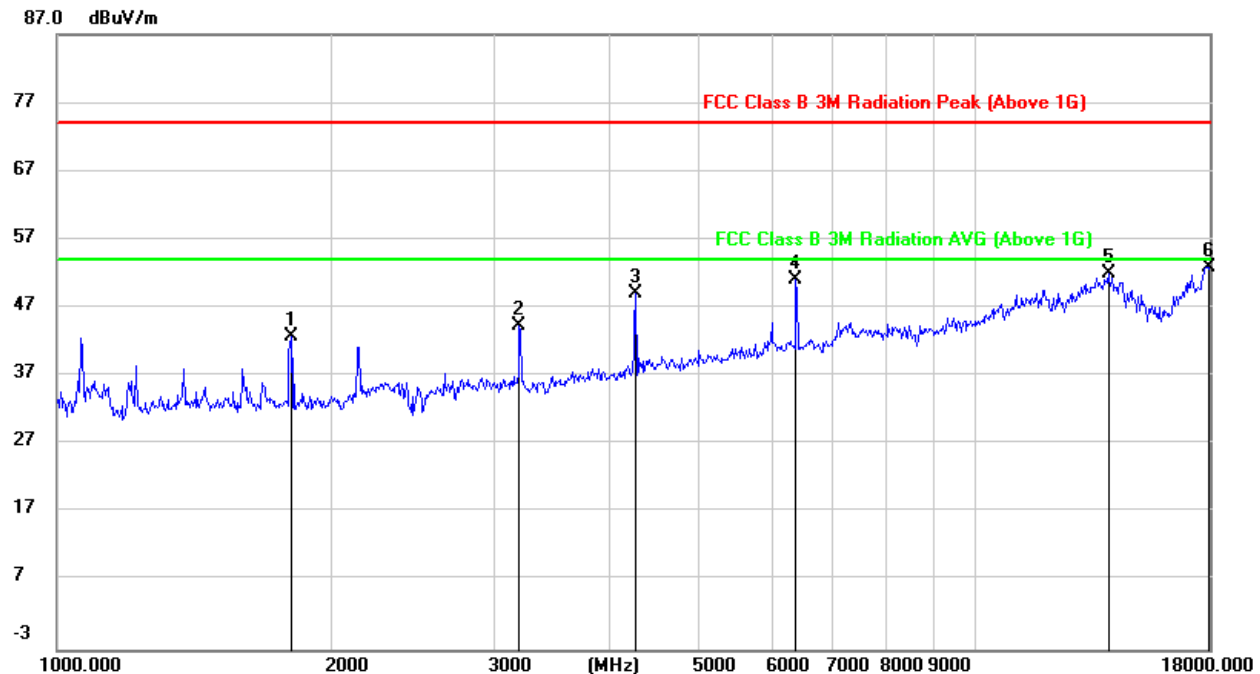
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1051.000	59.58	-14.11	45.47	74.00	-28.53	peak
2	1782.000	55.33	-11.83	43.50	74.00	-30.50	peak
3	2122.000	51.24	-9.93	41.31	74.00	-32.69	peak
4	4247.000	49.02	-3.36	45.66	74.00	-28.34	peak
5	13835.000	32.89	19.01	51.90	74.00	-22.10	peak
6	17983.000	26.12	26.63	52.75	74.00	-21.25	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1798.127	54.58	-11.77	42.81	74.00	-31.19	peak
2	3186.869	50.72	-6.38	44.34	74.00	-29.66	peak
3	4267.237	52.23	-3.14	49.09	74.00	-24.91	peak
4	6377.195	48.10	3.08	51.18	74.00	-22.82	peak
5	13957.529	32.86	19.05	51.91	74.00	-22.09	peak
6	17948.048	27.54	25.42	52.96	74.00	-21.04	peak

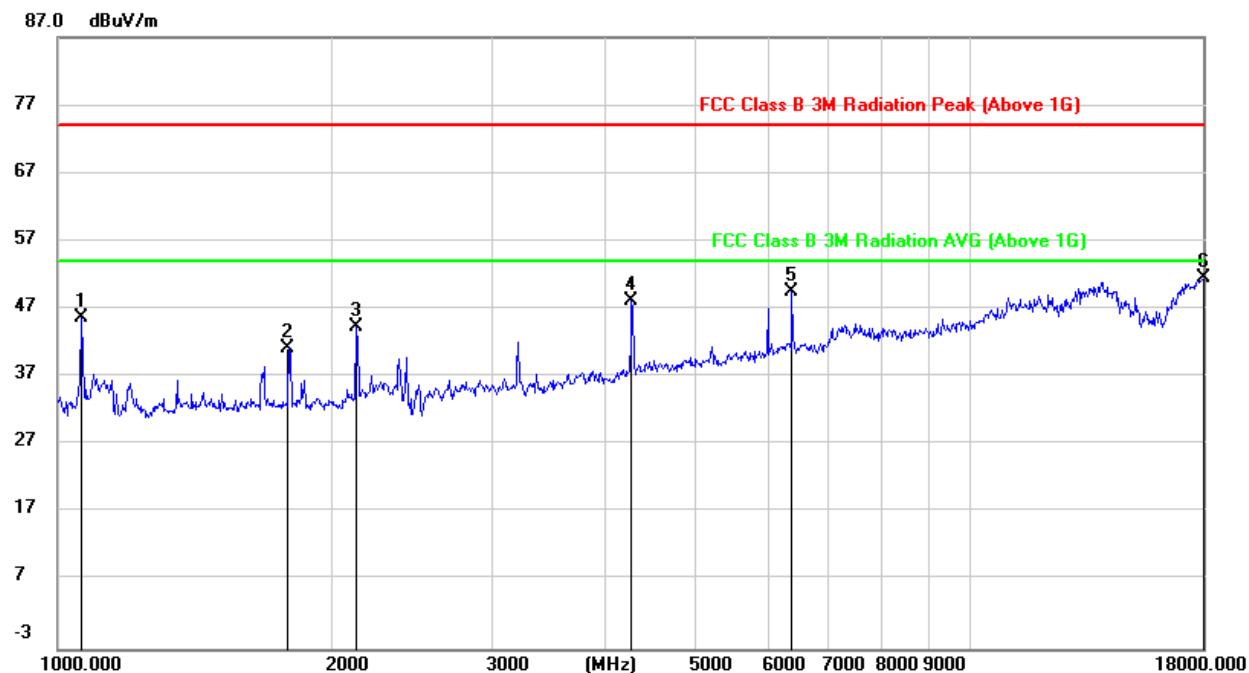
Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

QPSK 20MHz Bandwidth Mode

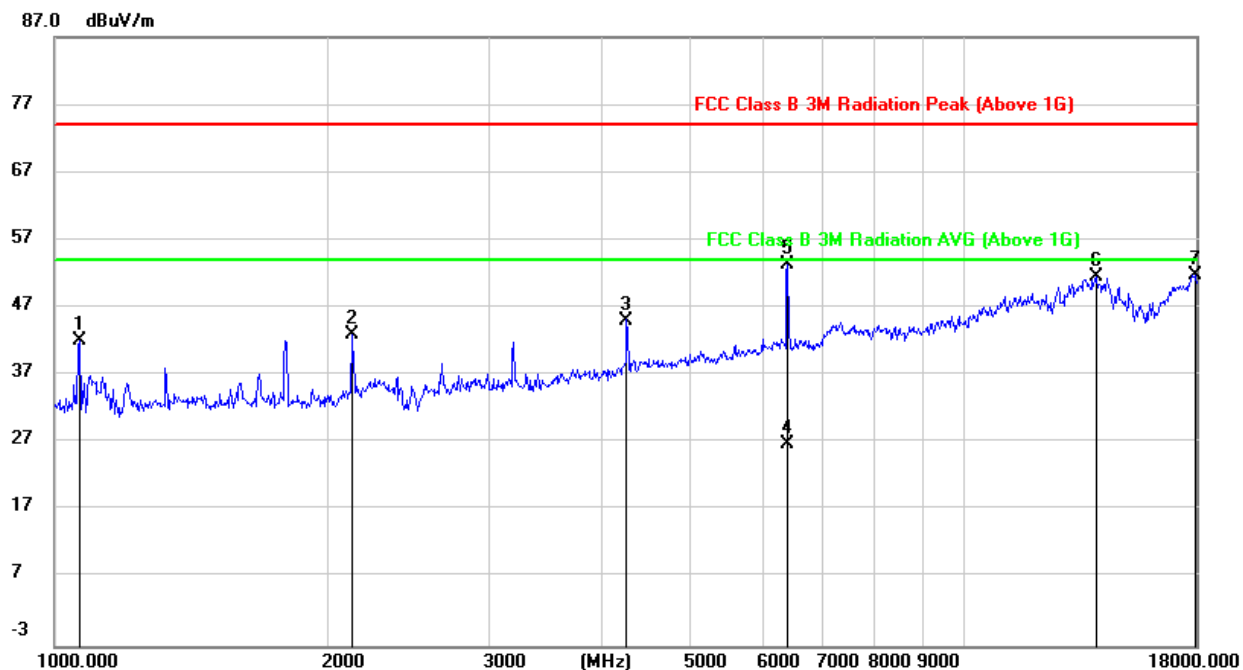
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.74	-14.07	45.67	74.00	-28.33	peak
2	1792.937	53.04	-11.79	41.25	74.00	-32.75	peak
3	2120.171	54.22	-9.95	44.27	74.00	-29.73	peak
4	4254.921	51.46	-3.31	48.15	74.00	-25.85	peak
5	6377.195	46.57	3.03	49.60	74.00	-24.40	peak
6	18000.000	24.88	26.65	51.53	74.00	-22.47	peak

Note: 1. Result = Reading + Correct Factor.
 2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
 3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

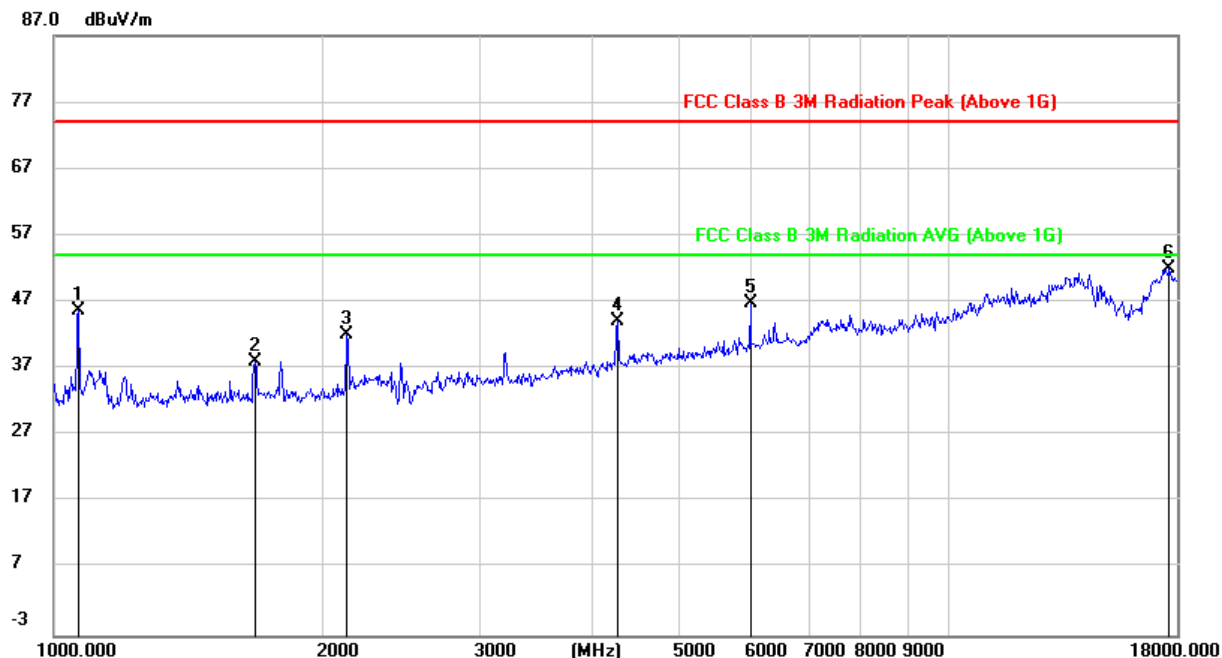
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1065.653	56.44	-14.36	42.08	74.00	-31.92	peak
2	2120.171	53.05	-10.05	43.00	74.00	-31.00	peak
3	4254.921	48.36	-3.21	45.15	74.00	-28.85	peak
4	6381.654	23.77	3.08	26.85	54.00	-27.15	AVG
5	6395.654	50.34	3.11	53.45	74.00	-20.55	peak
6	13957.529	32.62	19.05	51.67	74.00	-22.33	peak
7	17948.048	26.34	25.42	51.76	74.00	-22.24	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 transmit duration, please refer to clause 6.1.

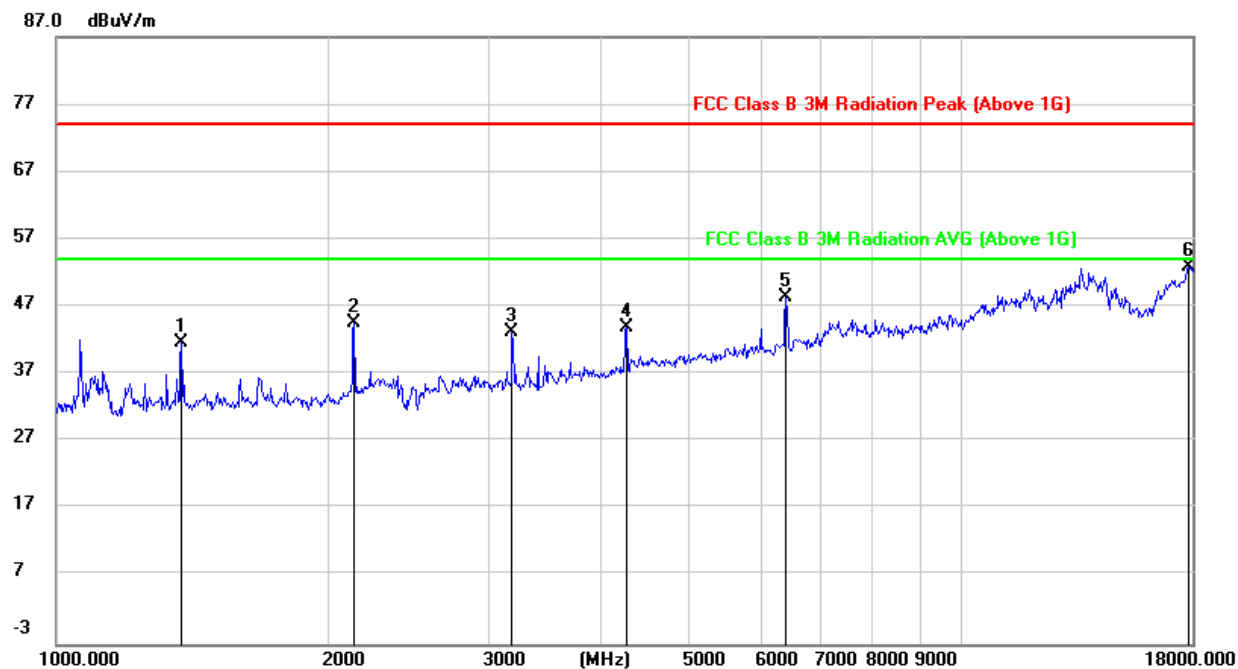
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1065.653	59.82	-14.06	45.76	74.00	-28.24	peak
2	1677.621	50.42	-12.27	38.15	74.00	-35.85	peak
3	2132.462	52.00	-9.78	42.22	74.00	-31.78	peak
4	4267.237	47.27	-3.24	44.03	74.00	-29.97	peak
5	6001.626	44.82	2.00	46.82	74.00	-27.18	peak
6	17639.473	28.22	23.73	51.95	74.00	-22.05	peak

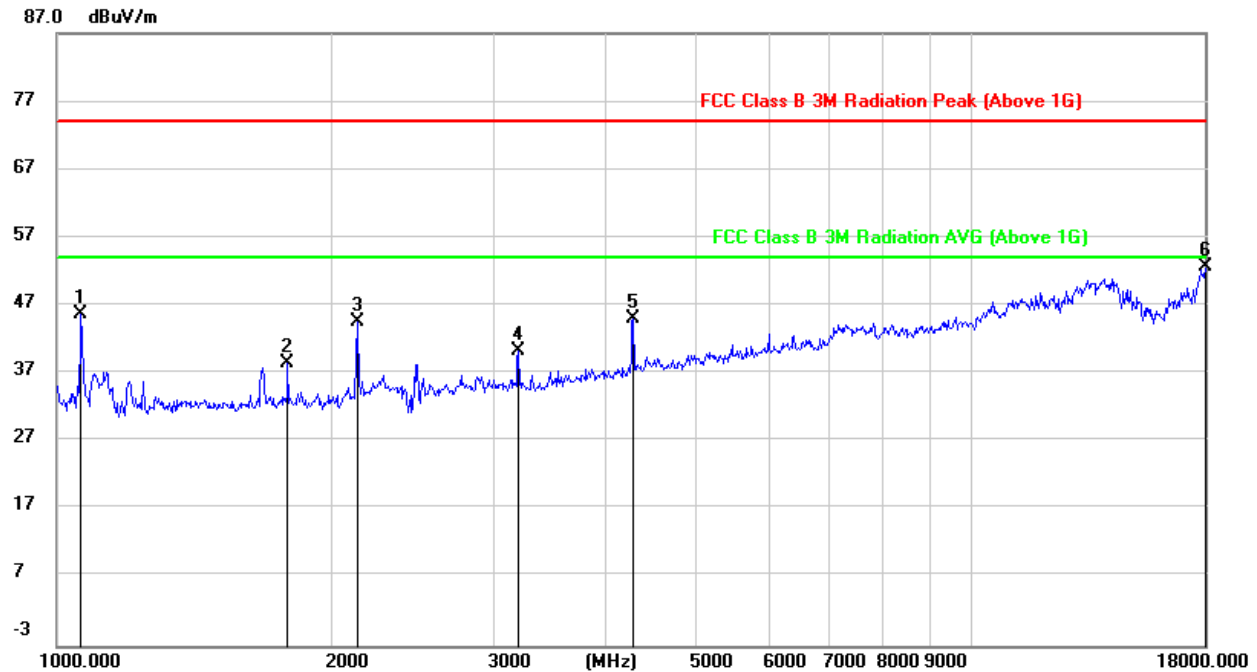
Note: 1. Result = Reading + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1374.295	54.62	-12.89	41.73	74.00	-32.27	peak
2	2138.635	54.44	-9.81	44.63	74.00	-29.37	peak
3	3186.869	49.68	-6.38	43.30	74.00	-30.70	peak
4	4267.237	47.16	-3.14	44.02	74.00	-29.98	peak
5	6395.654	45.23	3.11	48.34	74.00	-25.66	peak
6	17793.092	26.76	26.19	52.95	74.00	-21.05	peak

Note: 1. Result = Reading + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

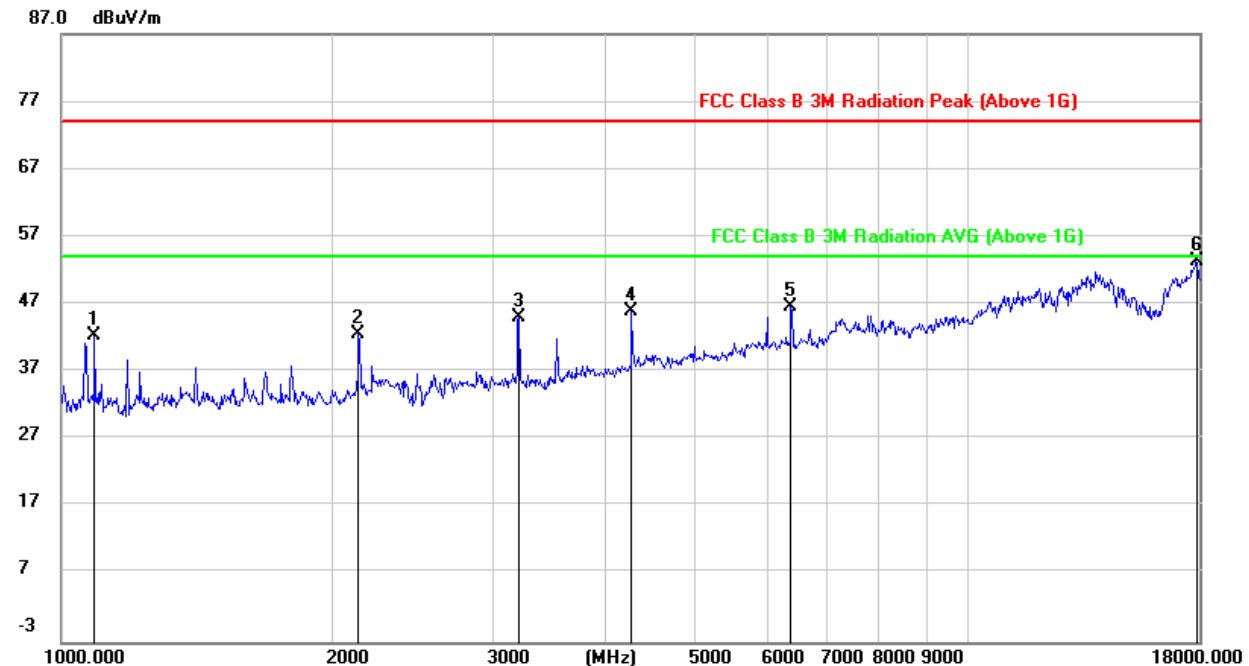
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.71	-14.07	45.64	74.00	-28.36	peak
2	1792.937	50.38	-11.79	38.59	74.00	-35.41	peak
3	2138.635	54.20	-9.71	44.49	74.00	-29.51	peak
4	3196.094	46.64	-6.36	40.28	74.00	-33.72	peak
5	4267.237	48.30	-3.24	45.06	74.00	-28.94	peak
6	18000.000	26.02	26.65	52.67	74.00	-21.33	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1087.434	56.62	-14.30	42.32	74.00	-31.68	peak
2	2132.462	52.40	-9.88	42.52	74.00	-31.48	peak
3	3196.094	51.43	-6.35	45.08	74.00	-28.92	peak
4	4254.921	49.18	-3.21	45.97	74.00	-28.03	peak
5	6377.195	43.59	3.08	46.67	74.00	-27.33	peak
6	17896.247	27.30	25.99	53.29	74.00	-20.71	peak

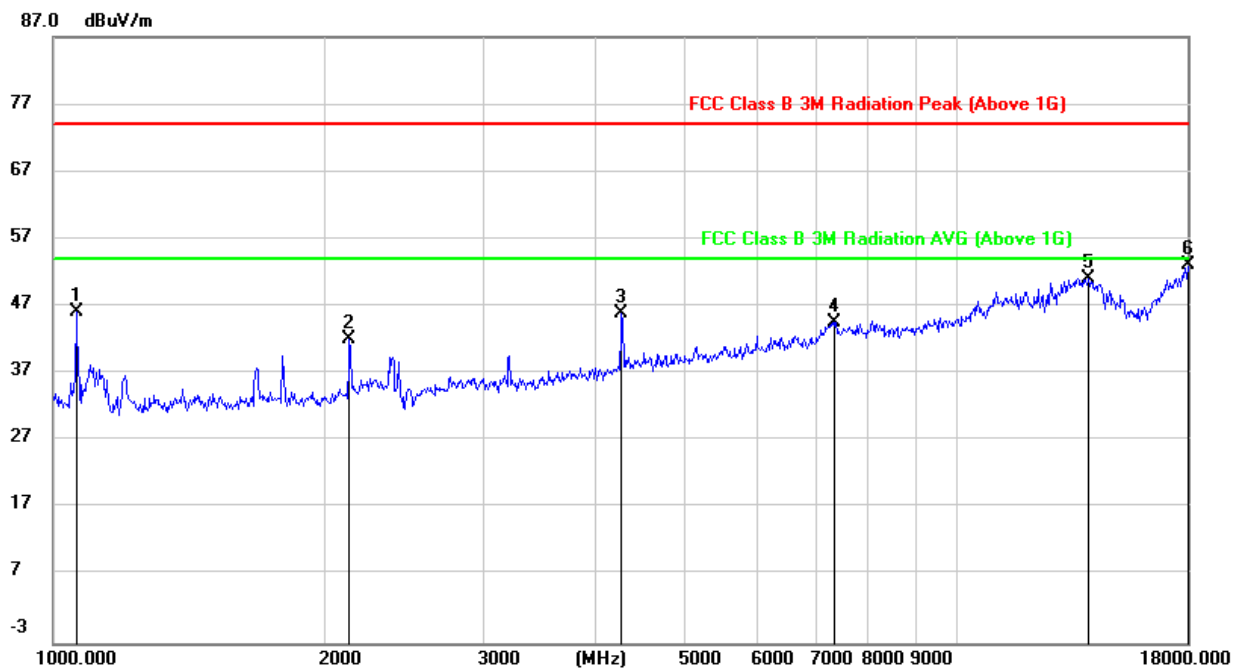
Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

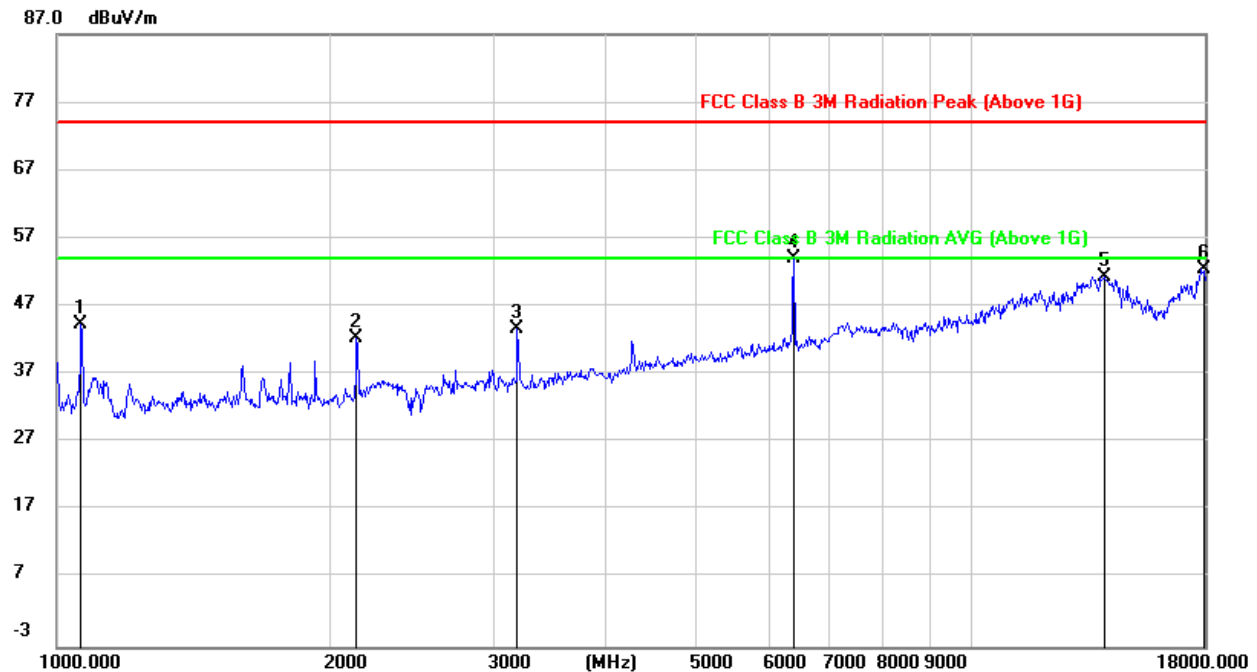
16QAM 20MHz Bandwidth Mode

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	60.34	-14.07	46.27	74.00	-27.73	peak
2	2132.462	51.92	-9.78	42.14	74.00	-31.86	peak
3	4254.921	49.14	-3.31	45.83	74.00	-28.17	peak
4	7326.267	38.91	5.70	44.61	74.00	-29.39	peak
5	13997.929	32.22	18.87	51.09	74.00	-22.91	peak
6	18000.000	26.43	26.65	53.08	74.00	-20.92	peak

- Note: 1. Result = Reading + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

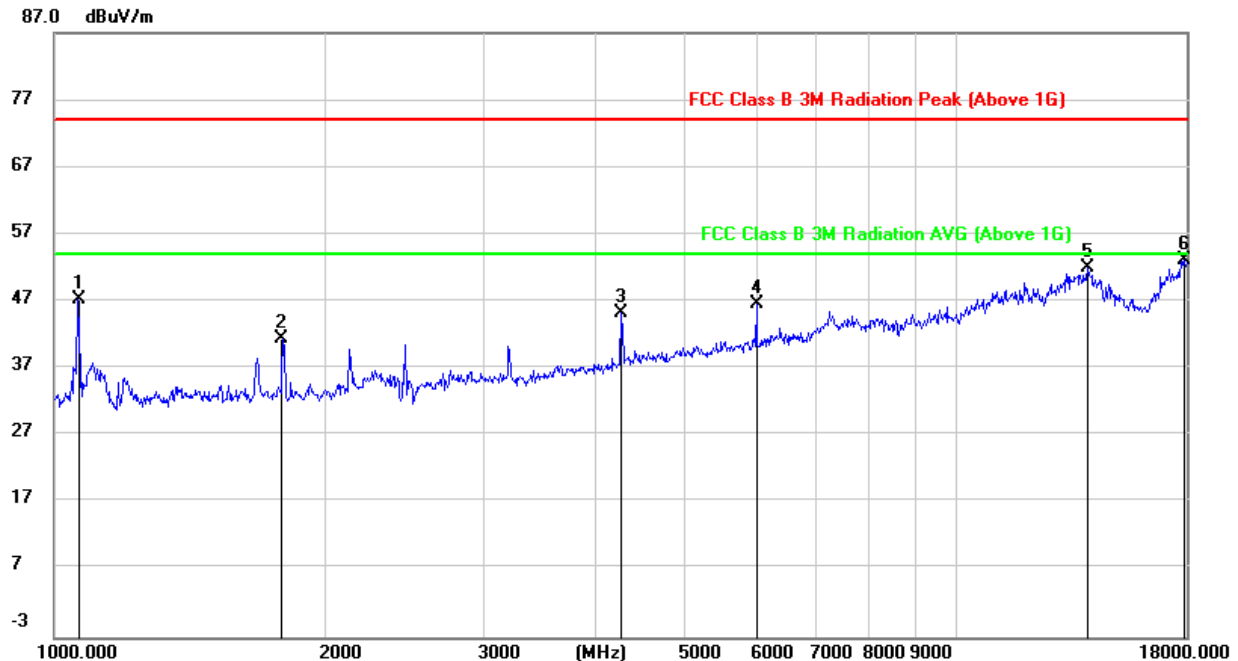
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.66	-14.37	44.29	74.00	-29.71	peak
2	2132.462	52.24	-9.88	42.36	74.00	-31.64	peak
3	3186.869	49.97	-6.38	43.59	74.00	-30.41	peak
4	6395.654	50.87	3.11	53.98	74.00	-20.02	peak
5	13957.529	32.37	19.05	51.42	74.00	-22.58	peak
6	17896.247	26.42	25.99	52.41	74.00	-21.59	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

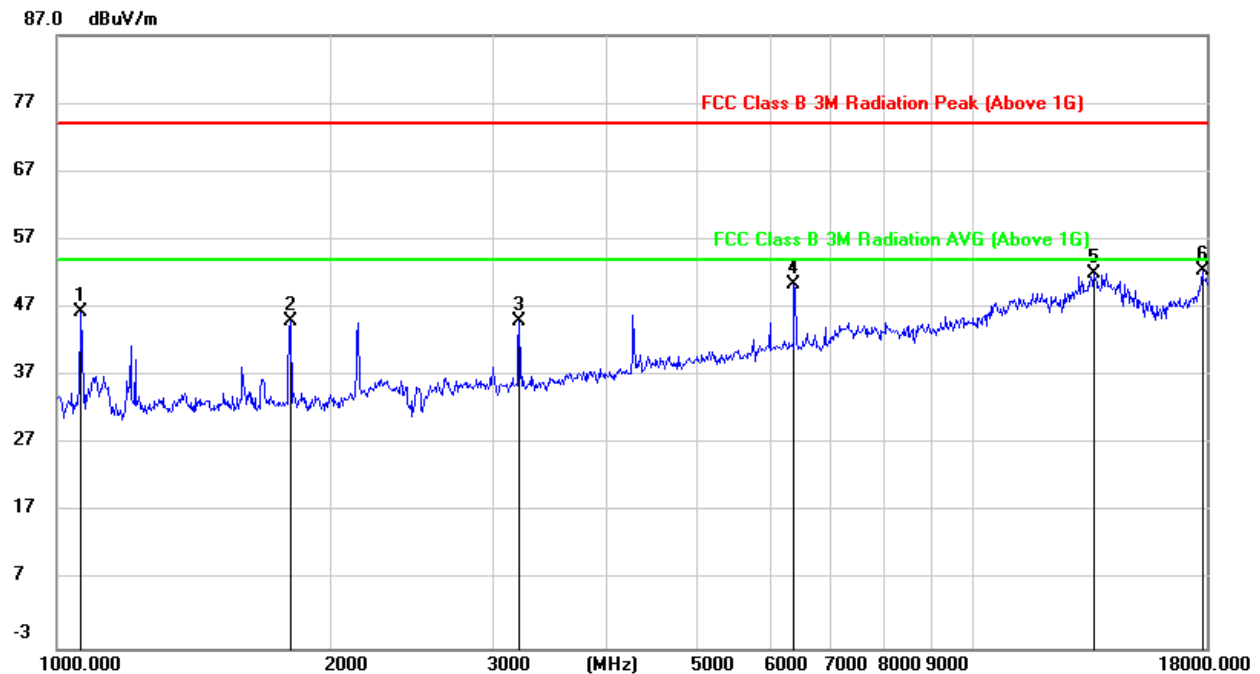
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	61.29	-14.07	47.22	74.00	-26.78	peak
2	1792.937	53.18	-11.79	41.39	74.00	-32.61	peak
3	4242.641	48.69	-3.37	45.32	74.00	-28.68	peak
4	6001.626	44.65	2.00	46.65	74.00	-27.35	peak
5	13957.529	33.02	18.95	51.97	74.00	-22.03	peak
6	17896.247	27.31	25.75	53.06	74.00	-20.94	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

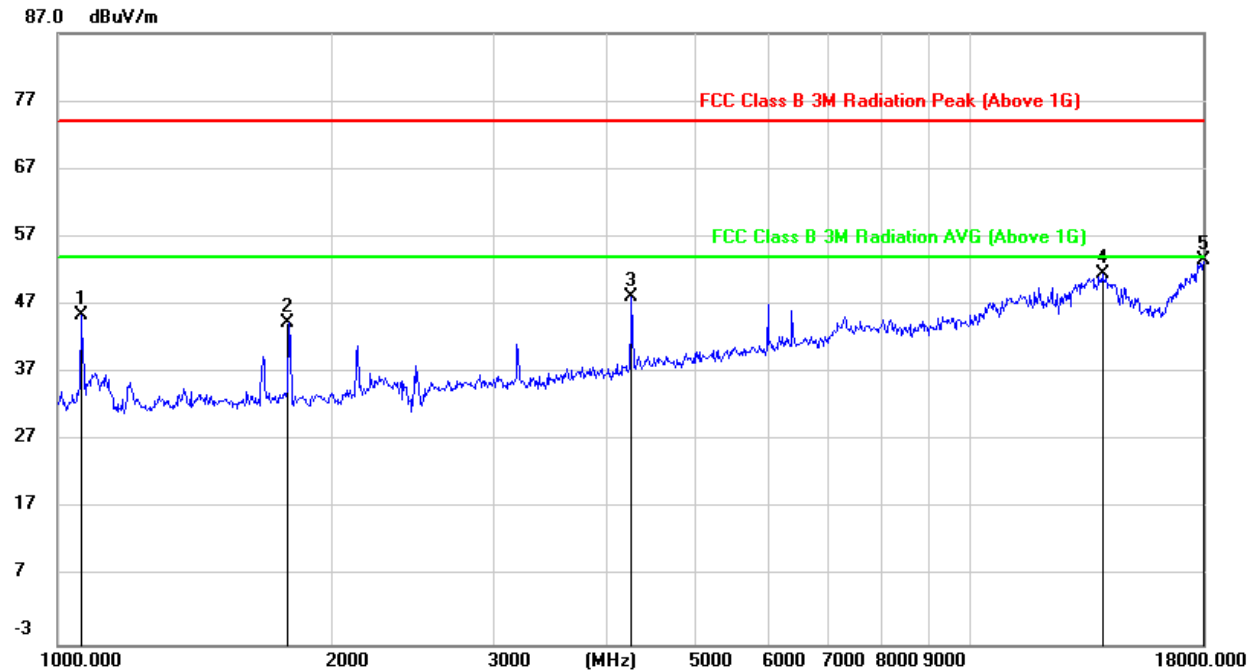
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	60.81	-14.37	46.44	74.00	-27.56	peak
2	1798.127	56.92	-11.77	45.15	74.00	-28.85	peak
3	3196.094	51.50	-6.35	45.15	74.00	-28.85	peak
4	6377.195	47.28	3.08	50.36	74.00	-23.64	peak
5	13559.879	32.67	19.29	51.96	74.00	-22.04	peak
6	17793.092	26.17	26.19	52.36	74.00	-21.64	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

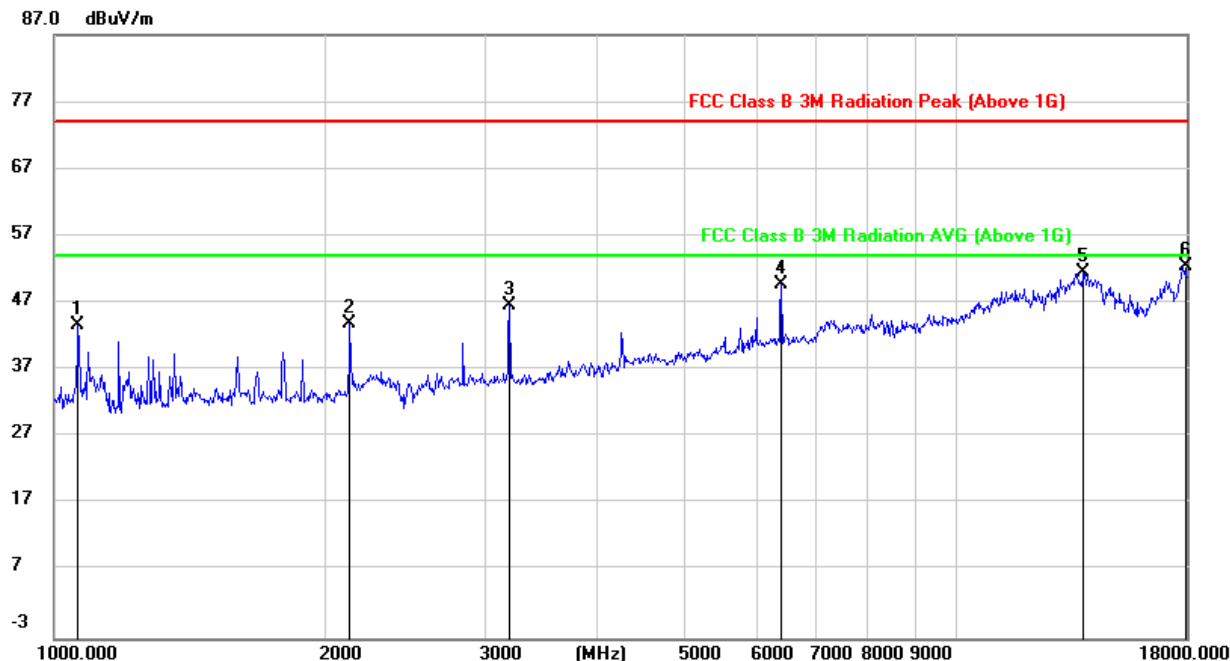
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.46	-14.07	45.39	74.00	-28.61	peak
2	1792.937	56.18	-11.79	44.39	74.00	-29.61	peak
3	4254.921	51.49	-3.31	48.18	74.00	-25.82	peak
4	13957.529	32.68	18.95	51.63	74.00	-22.37	peak
5	18000.000	26.83	26.65	53.48	74.00	-20.52	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.14	-14.37	43.77	74.00	-30.23	peak
2	2132.462	53.72	-9.88	43.84	74.00	-30.16	peak
3	3196.094	52.95	-6.35	46.60	74.00	-27.40	peak
4	6395.654	46.56	3.11	49.67	74.00	-24.33	peak
5	13837.024	32.29	19.29	51.58	74.00	-22.42	peak
6	17896.247	26.58	25.99	52.57	74.00	-21.43	peak

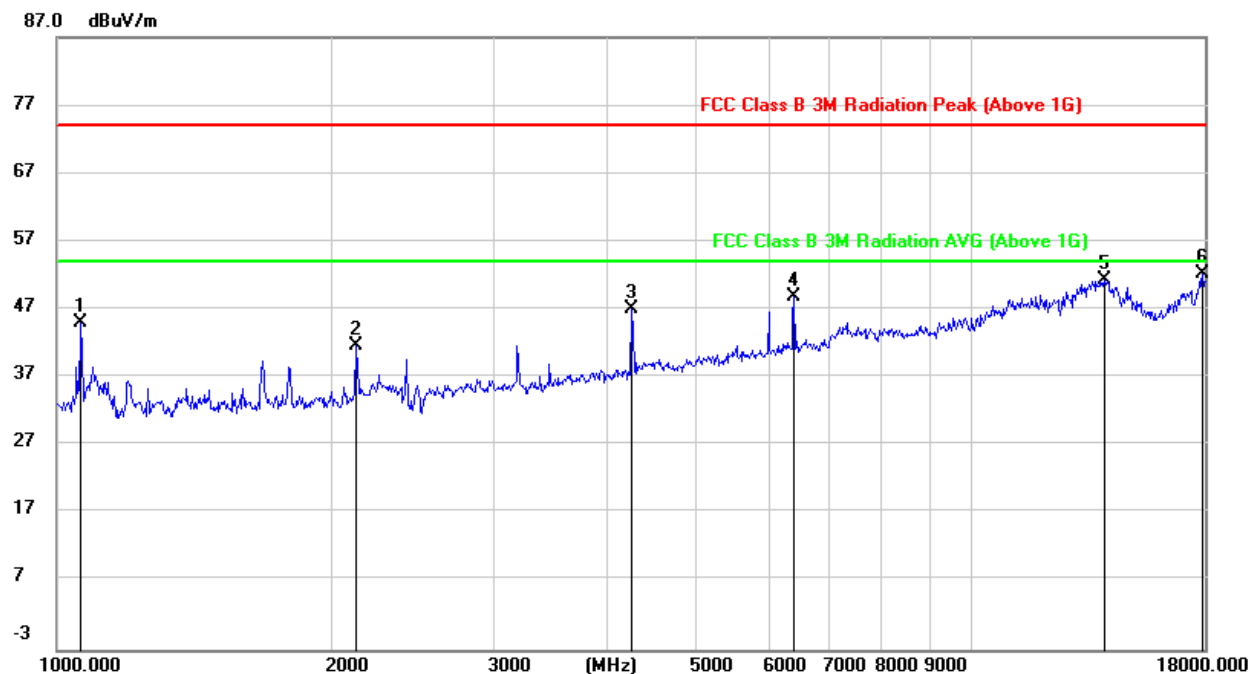
Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

OFDM 20MHz Bandwidth Mode

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)

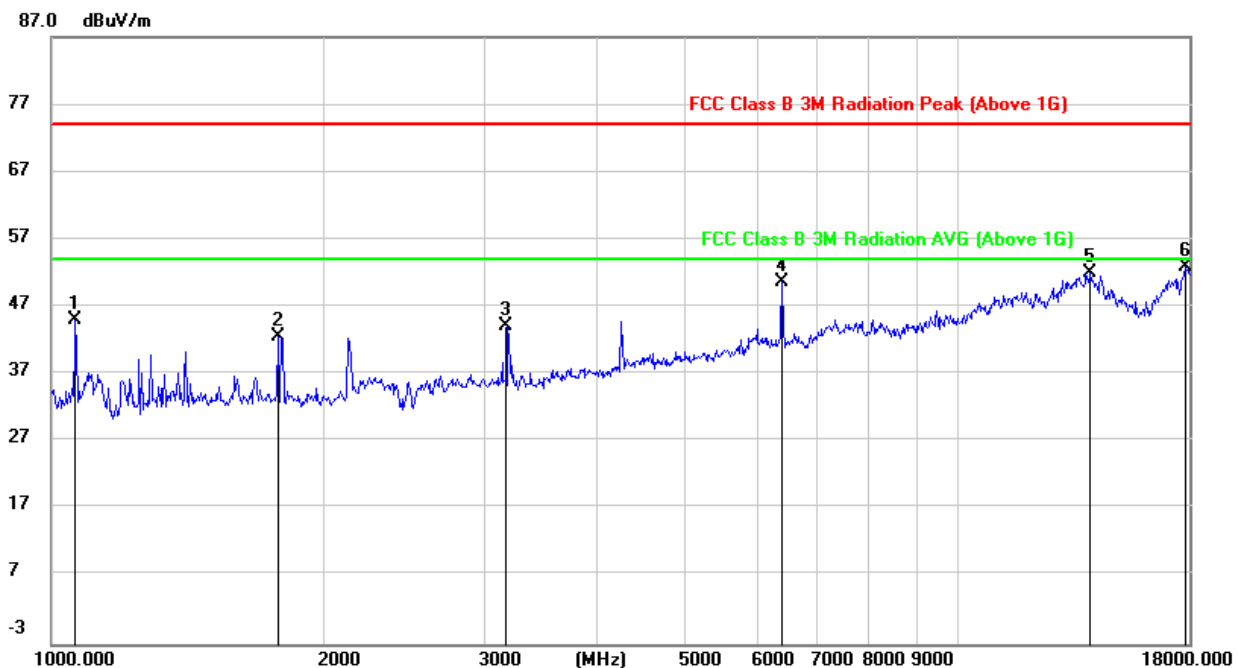


Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)

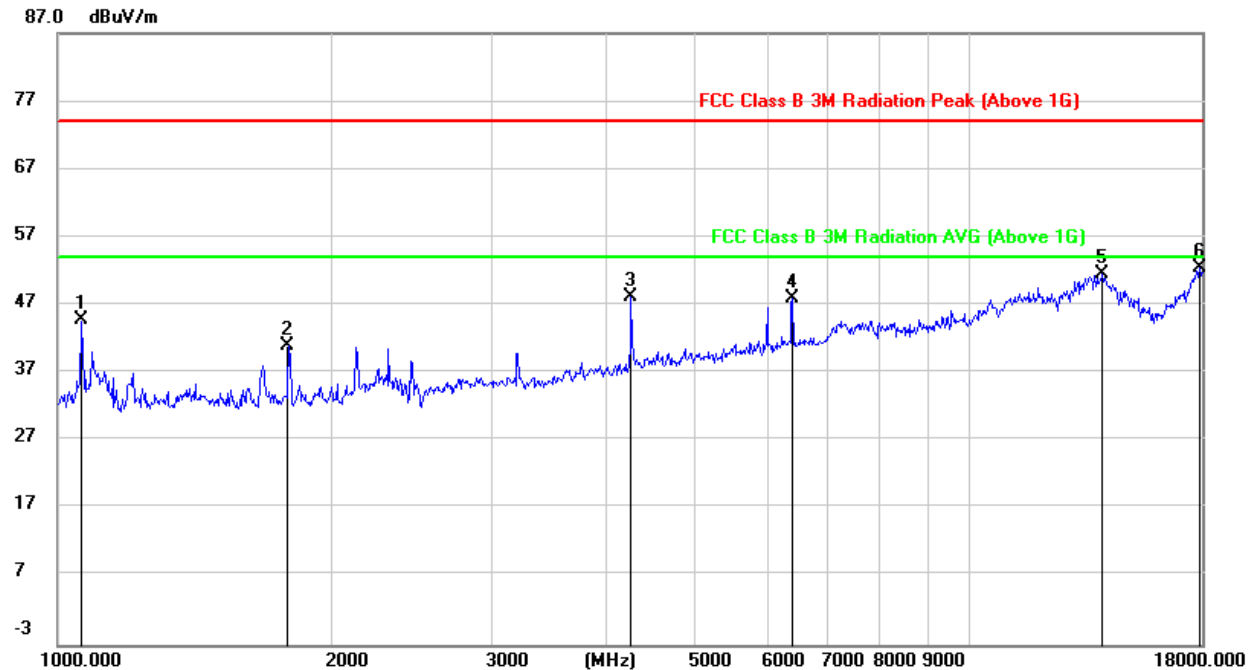


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.48	-14.37	45.11	74.00	-28.89	peak
2	1777.458	54.31	-11.84	42.47	74.00	-31.53	peak
3	3186.869	50.57	-6.38	44.19	74.00	-29.81	peak
4	6395.654	47.66	3.11	50.77	74.00	-23.23	peak
5	13997.929	33.02	18.97	51.99	74.00	-22.01	peak
6	17793.092	26.67	26.19	52.86	74.00	-21.14	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

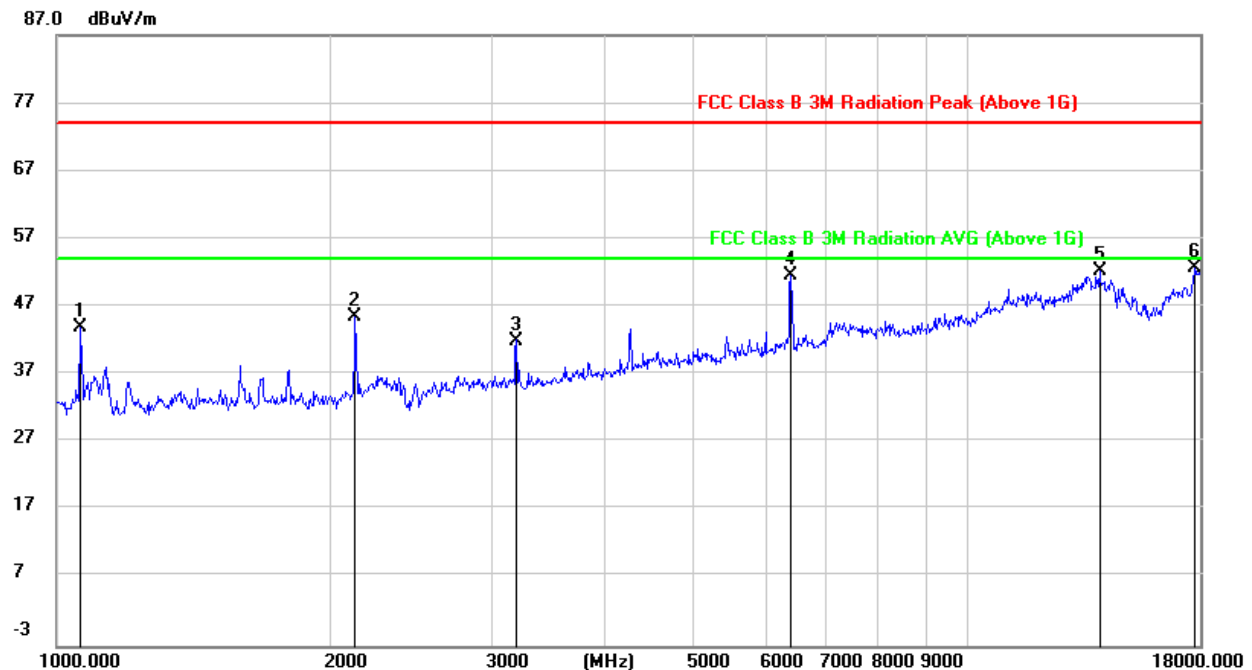
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.77	-14.07	44.70	74.00	-29.30	peak
2	1792.937	52.68	-11.79	40.89	74.00	-33.11	peak
3	4254.921	51.40	-3.31	48.09	74.00	-25.91	peak
4	6395.654	44.87	3.02	47.89	74.00	-26.11	peak
5	13997.929	32.69	18.87	51.56	74.00	-22.44	peak
6	17896.247	26.71	25.75	52.46	74.00	-21.54	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

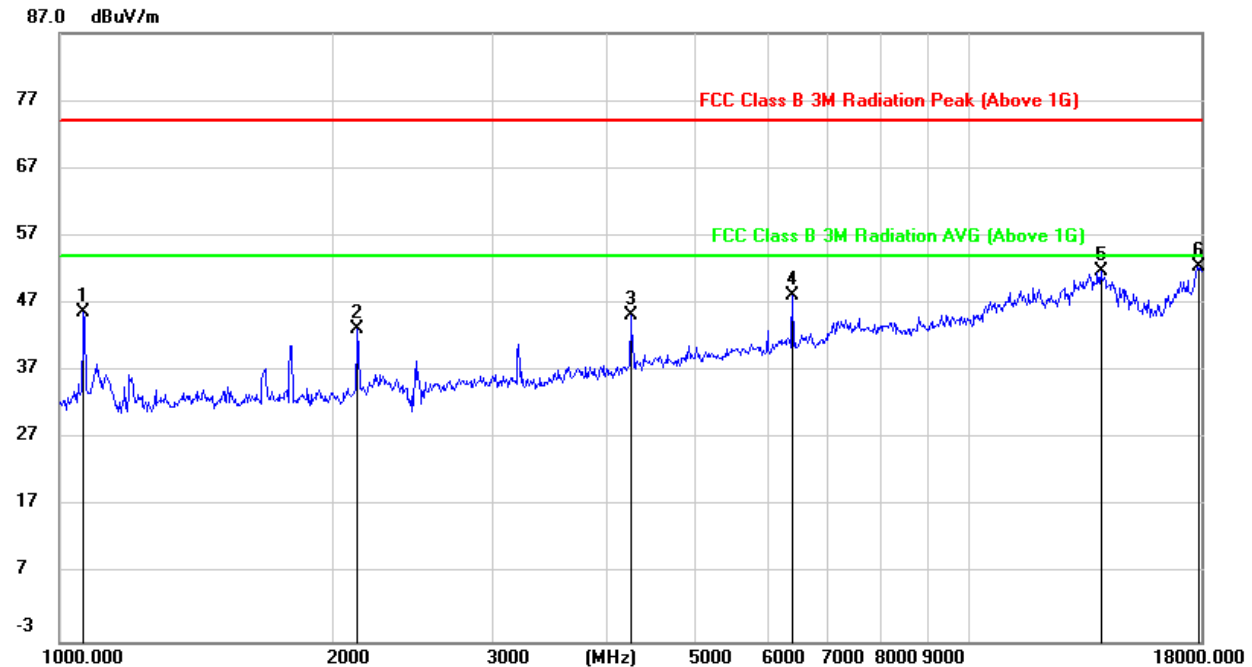
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)

No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.34	-14.37	43.97	74.00	-30.03	peak
2	2132.462	55.32	-9.88	45.44	74.00	-28.56	peak
3	3196.094	48.35	-6.35	42.00	74.00	-32.00	peak
4	6395.654	48.41	3.11	51.52	74.00	-22.48	peak
5	13957.529	33.11	19.05	52.16	74.00	-21.84	peak
6	17741.737	27.15	25.47	52.62	74.00	-21.38	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)

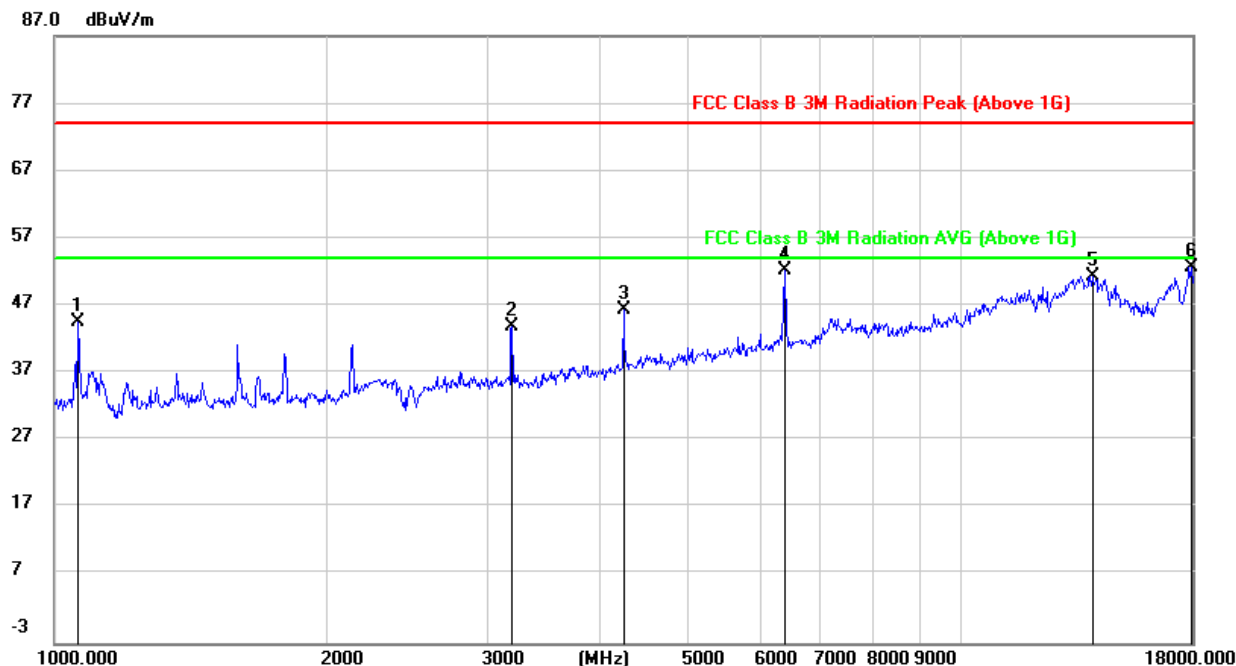
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	59.88	-14.07	45.81	74.00	-28.19	peak
2	2132.462	52.98	-9.78	43.20	74.00	-30.80	peak
3	4242.641	48.53	-3.37	45.16	74.00	-28.84	peak
4	6395.654	45.21	3.02	48.23	74.00	-25.77	peak
5	13957.529	32.91	18.95	51.86	74.00	-22.14	peak
6	17896.247	26.69	25.75	52.44	74.00	-21.56	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1062.578	58.99	-14.37	44.62	74.00	-29.38	peak
2	3196.094	50.18	-6.35	43.83	74.00	-30.17	peak
3	4242.641	49.69	-3.27	46.42	74.00	-27.58	peak
4	6395.654	49.15	3.11	52.26	74.00	-21.74	peak
5	13957.529	32.32	19.05	51.37	74.00	-22.63	peak
6	17896.247	26.79	25.99	52.78	74.00	-21.22	peak

Note: 1. Result = Reading + Correct Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

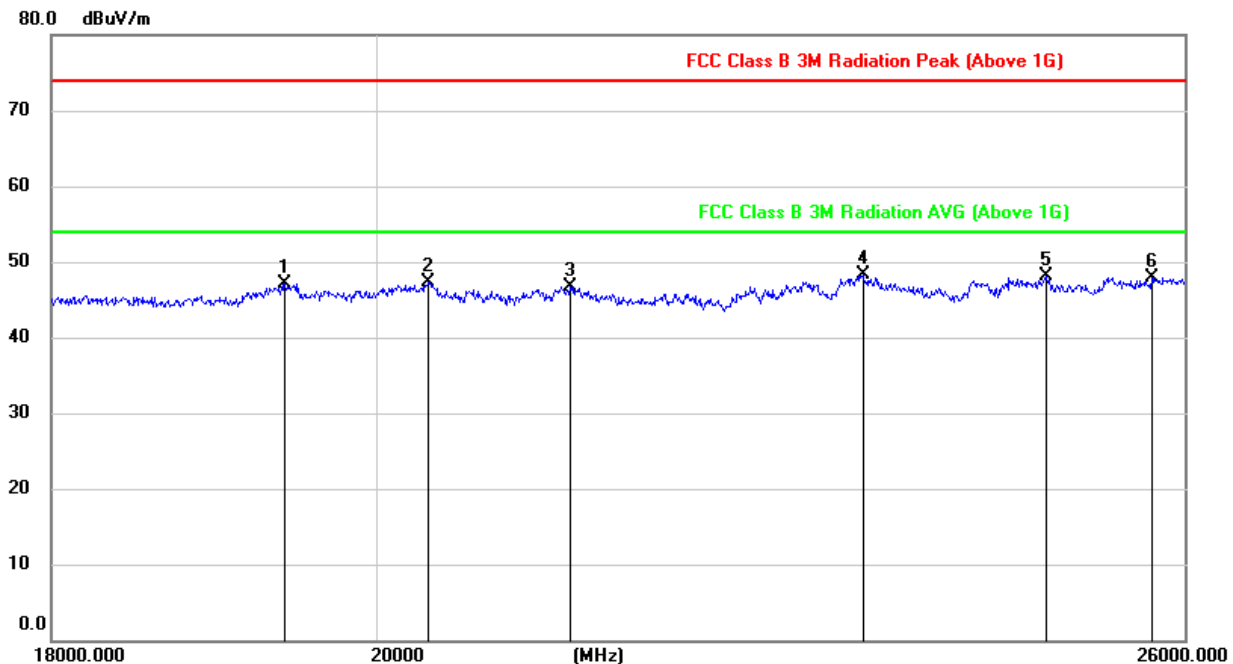
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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

8.6. SPURIOUS EMISSIONS 18G ~ 26GHz (WORST-CASE CONFIGURATION)

QPSK 10MHz Bandwidth Mode

SPURIOUS EMISSIONS 18GHz TO 26GHz (MIDDLE CHANNEL, HORIZONTAL)



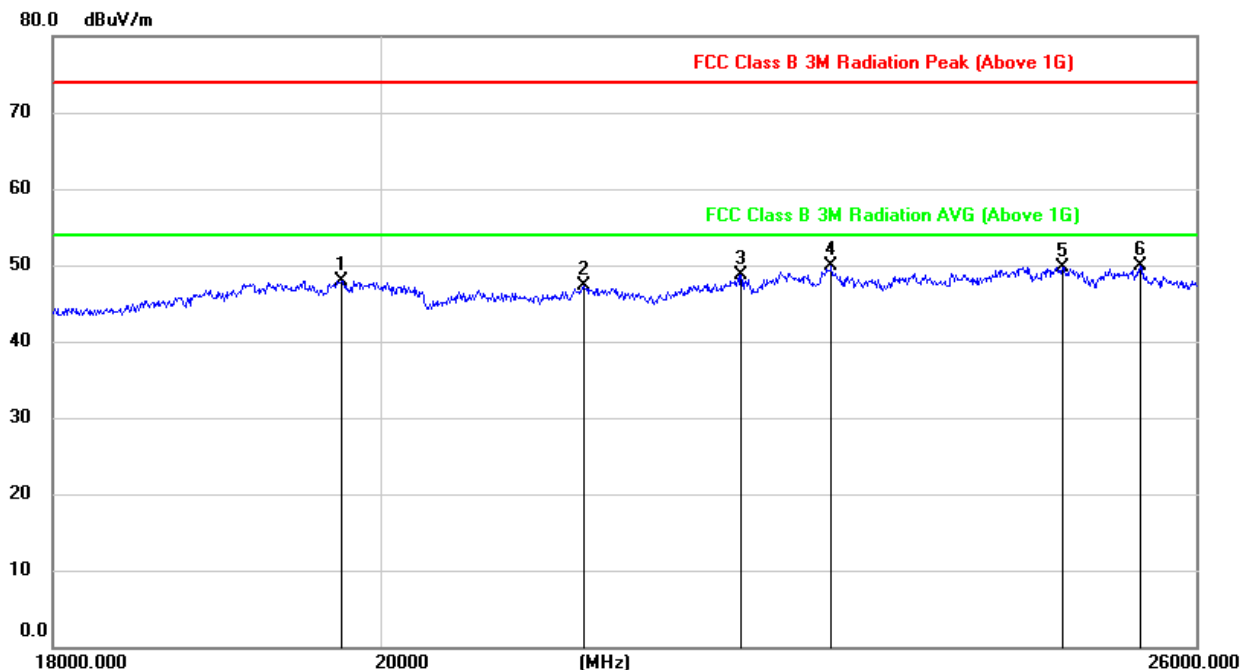
No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19416.497	52.74	-5.55	47.19	74.00	-26.81	peak
2	20344.775	52.77	-5.52	47.25	74.00	-26.75	peak
3	21301.760	51.43	-4.75	46.68	74.00	-27.32	peak
4	23421.694	51.43	-3.21	48.22	74.00	-25.78	peak
5	24859.354	50.24	-2.23	48.01	74.00	-25.99	peak
6	25724.209	48.71	-0.73	47.98	74.00	-26.02	peak

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.

2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.

3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

SPURIOUS EMISSIONS 18GHz TO 26GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	19747.727	53.25	-5.25	48.00	74.00	-26.00	peak
2	21348.811	51.97	-4.74	47.23	74.00	-26.77	peak
3	22460.138	52.72	-3.93	48.79	74.00	-25.21	peak
4	23122.180	53.32	-3.40	49.92	74.00	-24.08	peak
5	24905.103	51.96	-2.19	49.77	74.00	-24.23	peak
6	25535.714	51.56	-1.62	49.94	74.00	-24.06	peak

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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

9. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

Please refer to FCC §15.203

If directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi. For the fixed point-to-point operation, the power shall be reduced by one dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the FCC rule.

ANTENNA CONNECTOR

EUT has an external antenna with antenna connector.

ANTENNA GAIN

The antenna gain of EUT is less than 6 dBi.

END OF REPORT

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