FCC 47 CFR PART 15 SUBPART C

CERTIFICATION TEST REPORT

For

UAV Ground Station

MODEL NUMBER: DHI-UAV-S10-HV

REPORT NUMBER: 4788103049-2-8

FCC ID: SVNX820UAV-S

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
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Revision History

Rev.	Issue Date	Revisions	Revised By
--	11/03/2017	Initial Issue	

TABLE OF CONTENTS

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

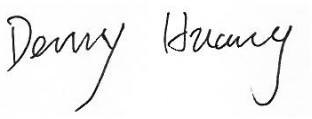
Factory Information

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

EUT Name:	UAV Ground Station
Brand:	alhua
Model:	DHI-UAV-S10-HV
Serials mode:	UAV-S10-HV
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

Tested By:



Denny Huang
Engineer Project Associate

Checked By:

Shawn Wen
Laboratory Leader

Approved By:

Stephen Guo

Laboratory Manager

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 C63.10-2014.

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:

1. 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 the test anechoic chamber is shown to be equivalent to or worst case from the open field site.
2. For below 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an OATS.

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	UAV Ground Station
Model Name	DHI-UAV-S10-HV
Operation frequency	2413MHz~2475MHz
Modulation	QPSK, 16QAM, OFDM
Bandwidth	10M/20M
Adapter	Input: AC 100~240V, 50~60Hz, 0.3A Output: DC 24V/0.42A
Battery	DC 10.65V, 8550mAh

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	105.74

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 10.65V
	VH	N/A

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

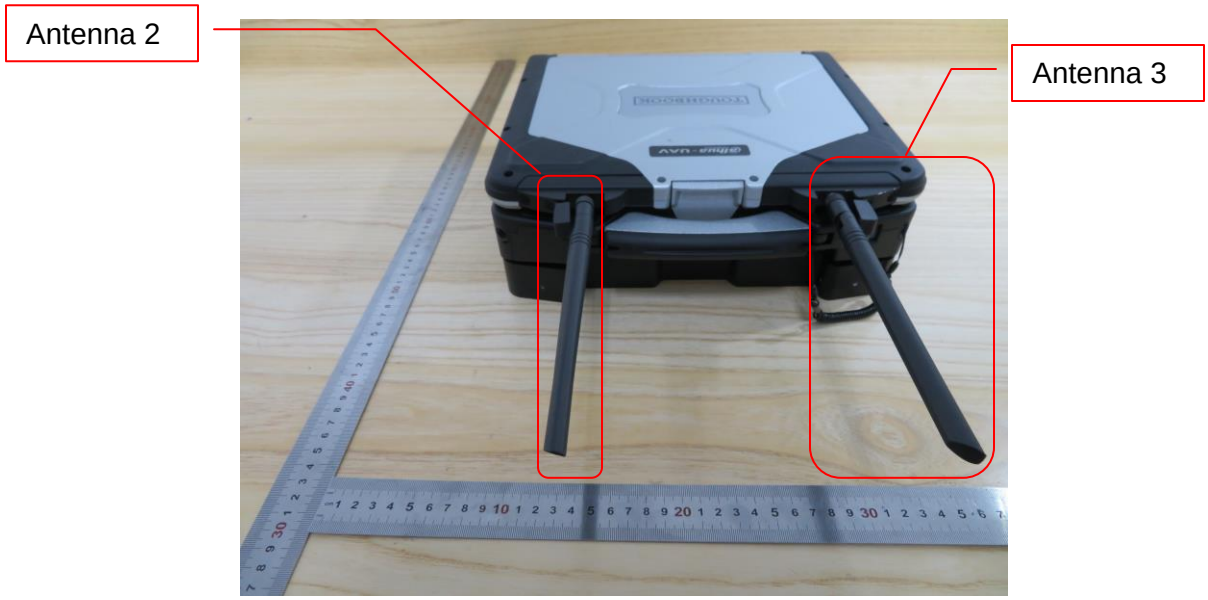
5.5. DESCRIPTION OF AVAILABLE ANTENNAS

Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
2	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)
3	2413MHz~2475MHz	External Antenna	5.0

Test Mode	Transmit and Receive Mode	Description
QPSK, 16QAM, OFDM	1RX	Chain 1 can be used as transmitting/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	CH 59830	CH 60140	CH 60450
QPSK	1	125	125	125

The Worse Case Power Setting Parameter				
Test Software Version		10M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number	CH 59830	CH 60140	CH 60450
16QAM	1	125	125	125

The Worse Case Power Setting Parameter				
Test Software Version		10M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number	CH 59830	CH 60140	CH 60450
OFDM	1	125	125	125

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number	CH 59880	CH 60140	CH 60400
QPSK	1	125	125	125

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number	CH 59880	CH 60140	CH 60400
16QAM	1	125	125	125

The Worse Case Power Setting Parameter				
Test Software Version		20M Bandwidth Test Channel		
Modulation Type	Transmit Antenna Number	CH 59880	CH 60140	CH 60400
OFDM	1	125	125	125

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

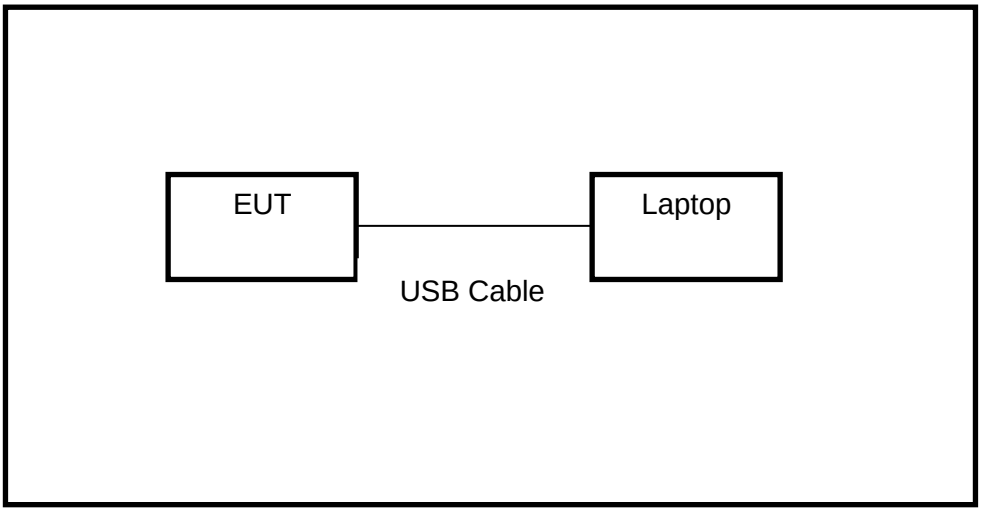
ACCESSORY

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	Pass

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

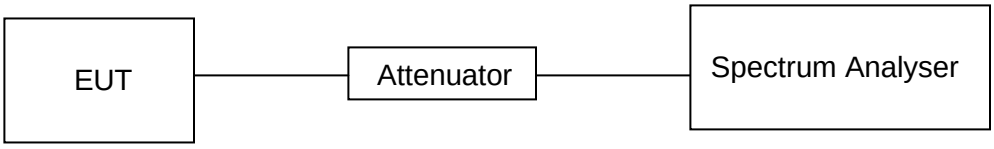
LIMITS

None; for reporting purposes only

PROCEDURE

KDB 558074 Zero-Span Spectrum Analyzer Method

TEST SETUP

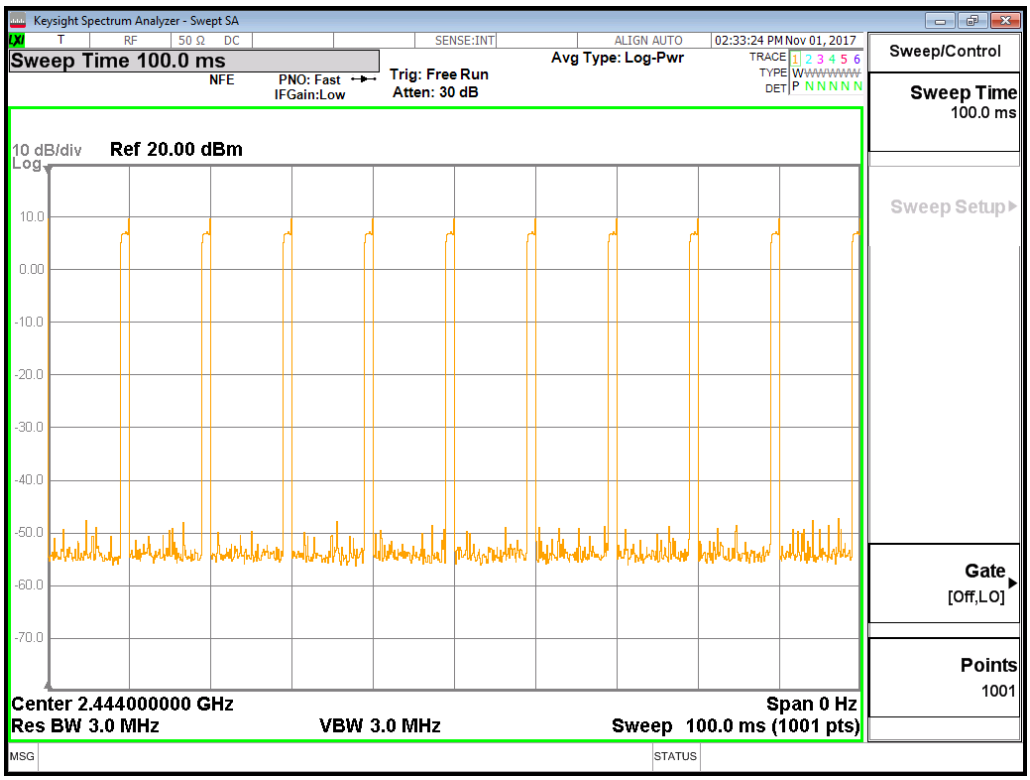


RESULTS

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (db)	1/T Minimum VBW (KHz)
QPSK	1.040	10.000	0.11	11%	9.59	0.900

Note: Duty Cycle Correction Factor=10log(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

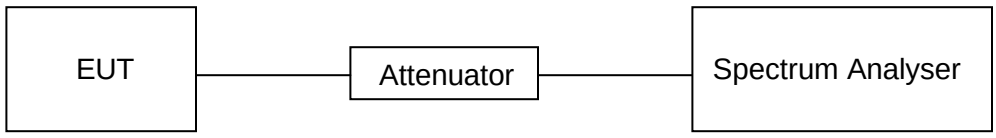
TEST PROCEDURE

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

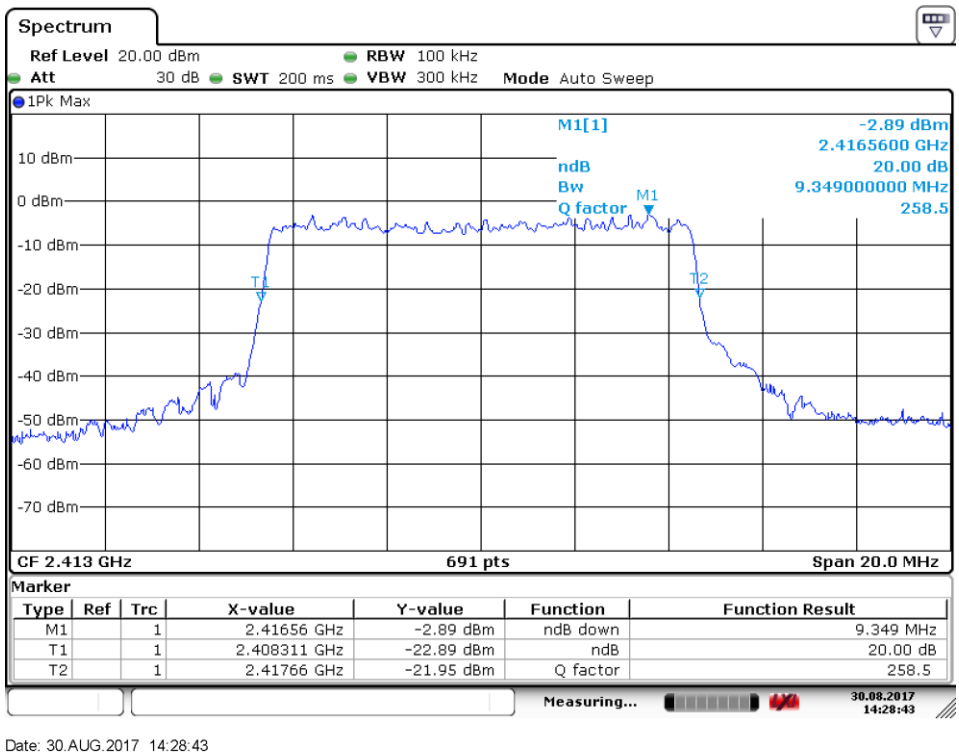


RESULTS

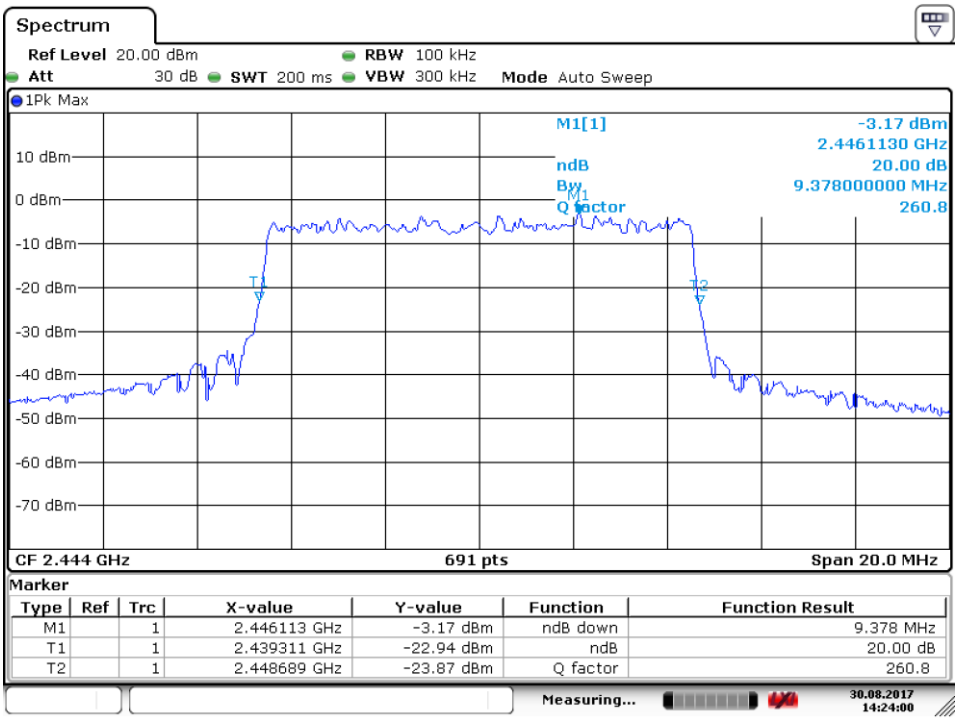
QPSK 10MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2413	9.349	Pass
Middle	2444	9.378	Pass
High	2475	9.291	Pass

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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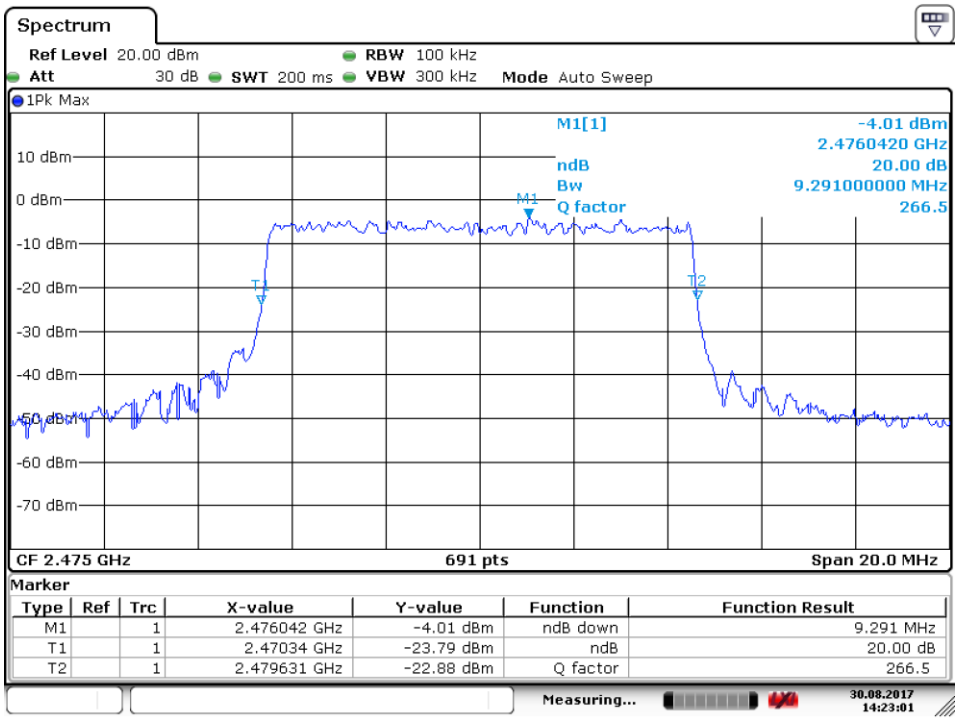
20 dB BANDWIDTH HIGH CH



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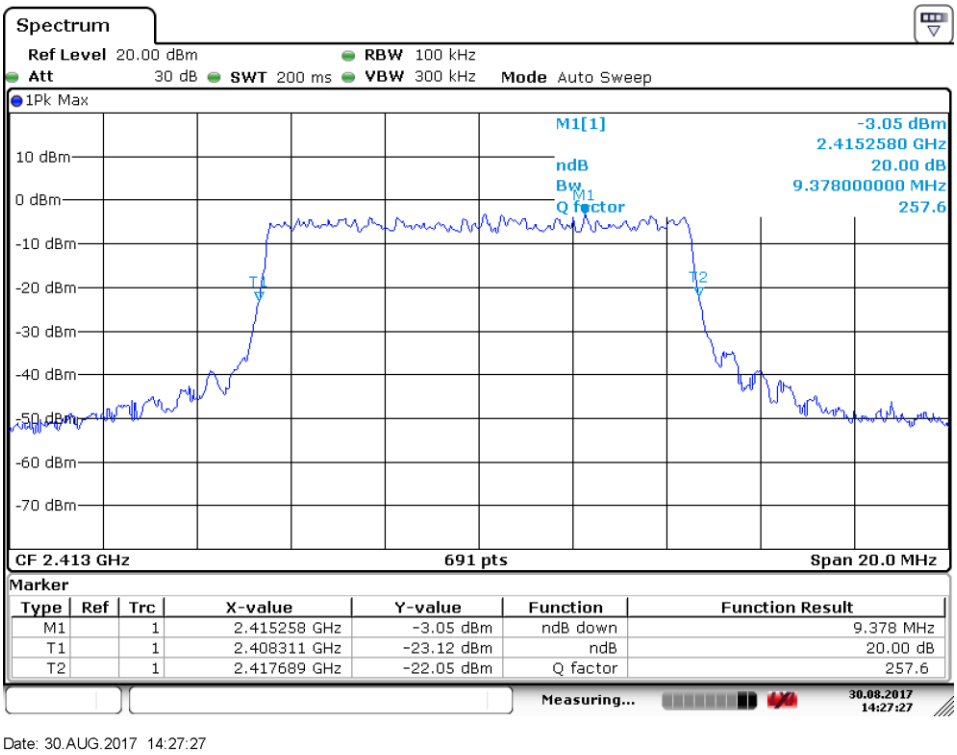
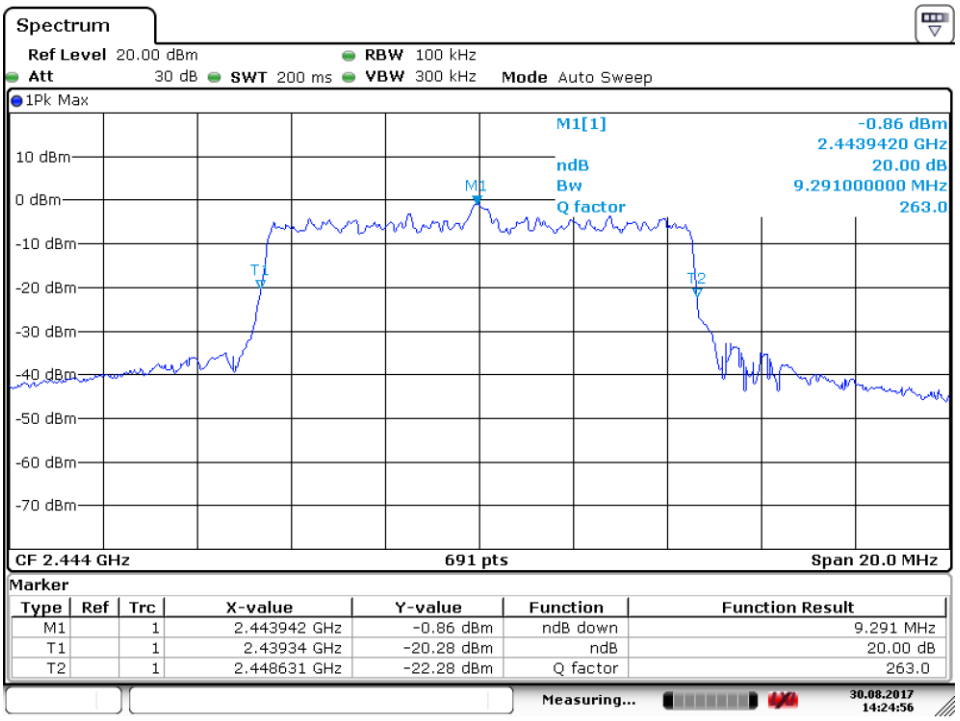
16QAM 10MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2413	9.378	Pass
Middle	2444	9.291	Pass
High	2475	9.349	Pass

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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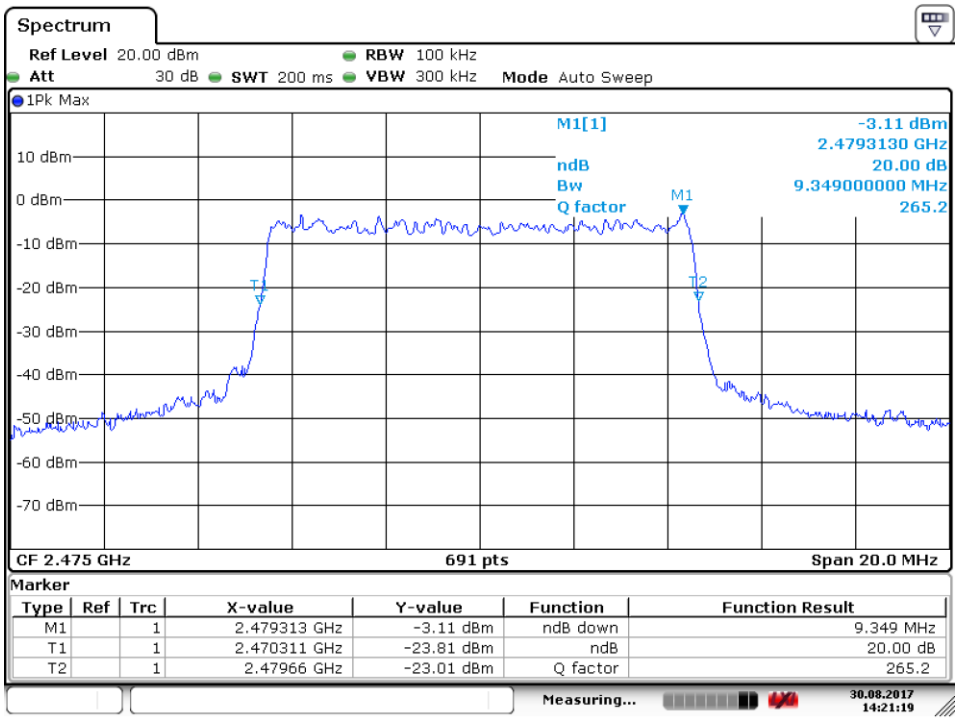
20 dB BANDWIDTH HIGH CH



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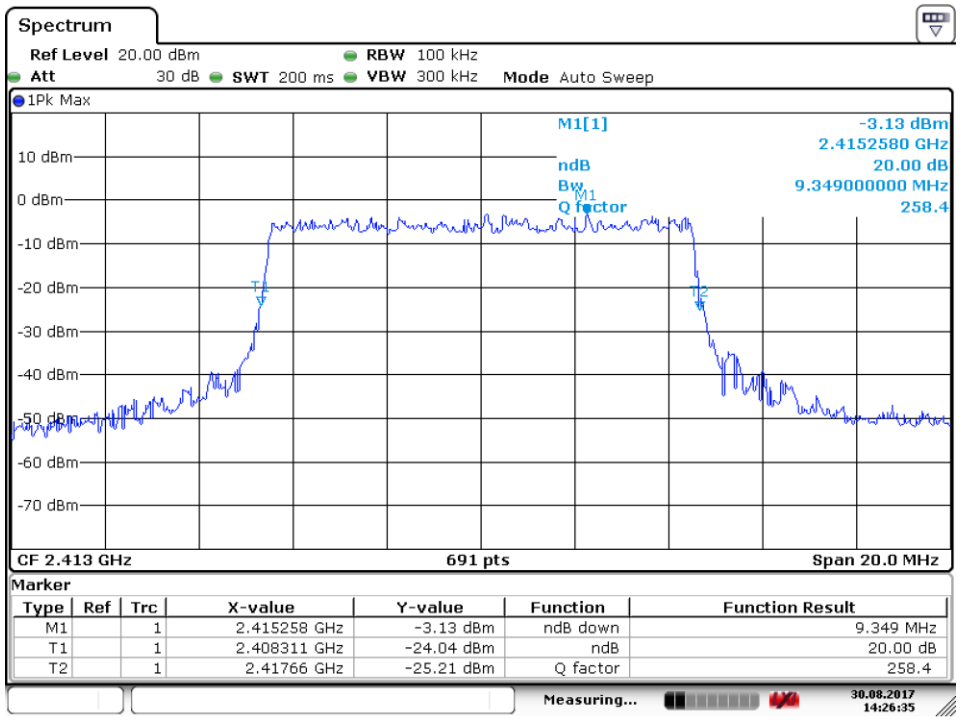
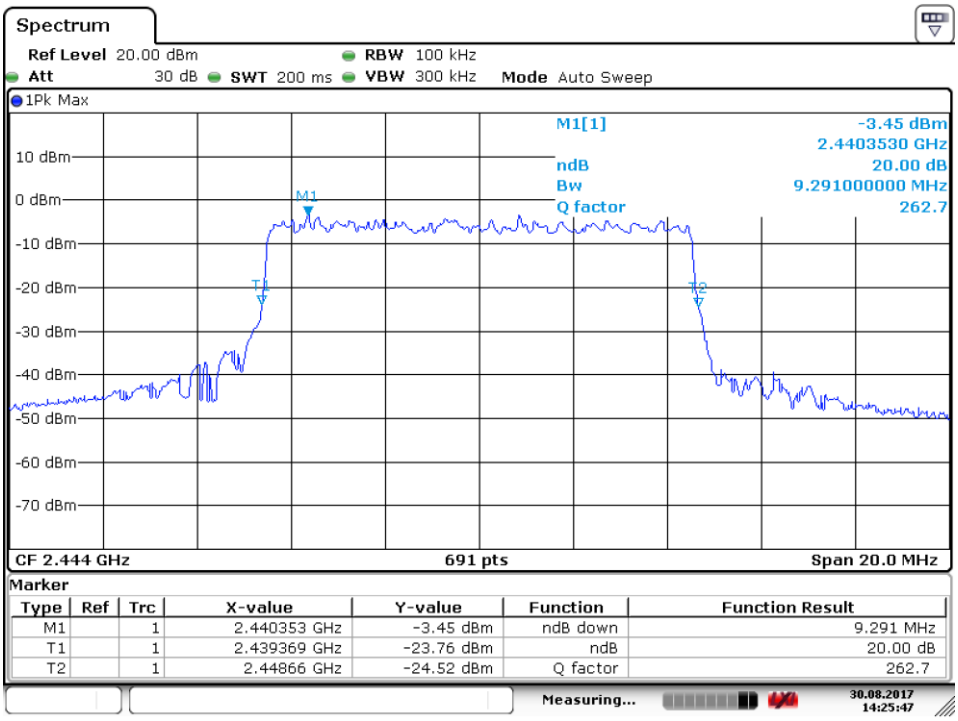
OFDM 10MHz Bandwidth Mode

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

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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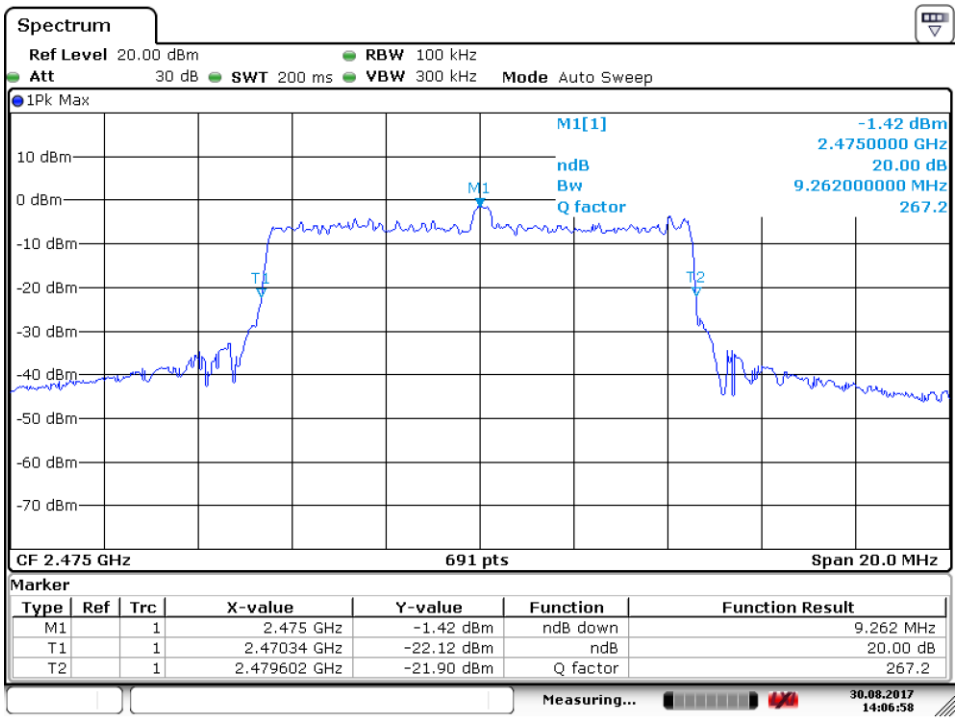
20 dB BANDWIDTH HIGH CH



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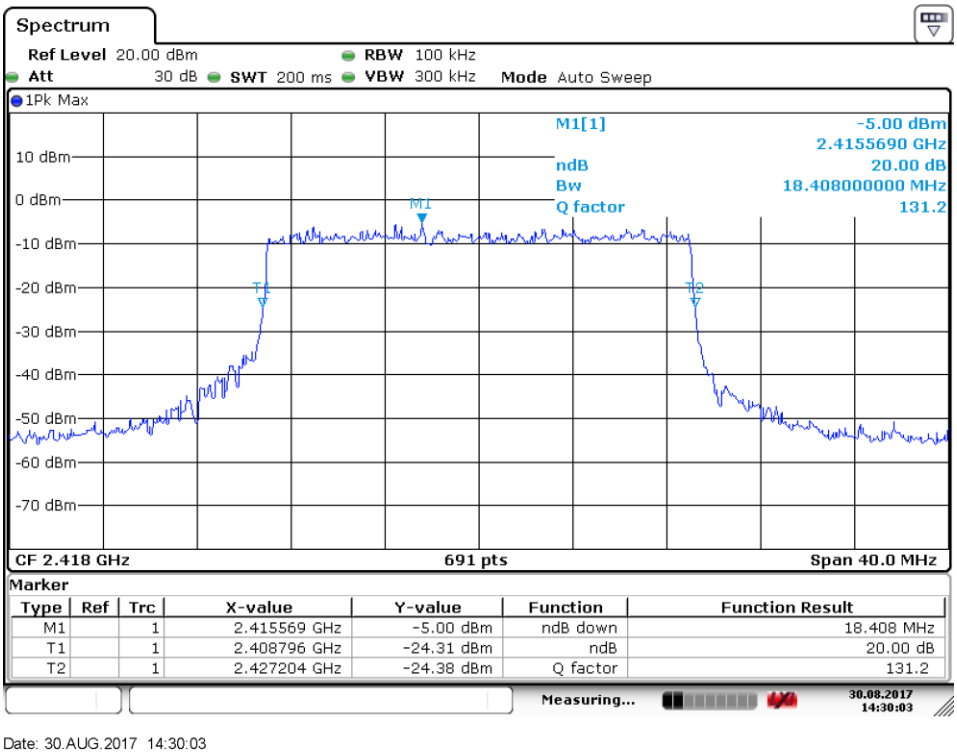
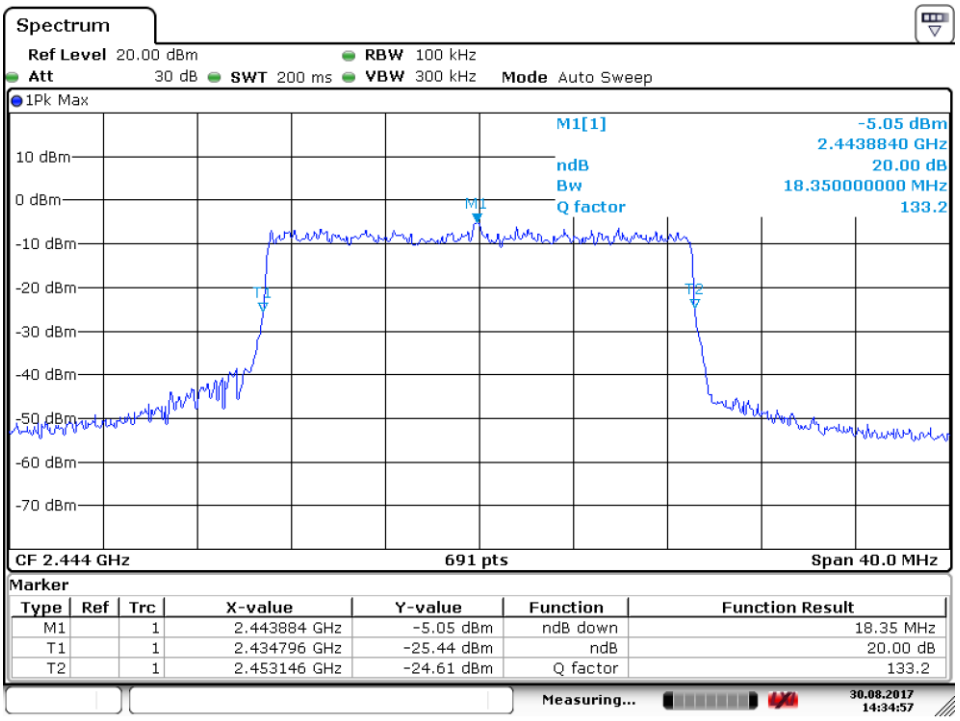
QPSK 20MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.408	Pass
Middle	2444	18.350	Pass
High	2470	18.350	Pass

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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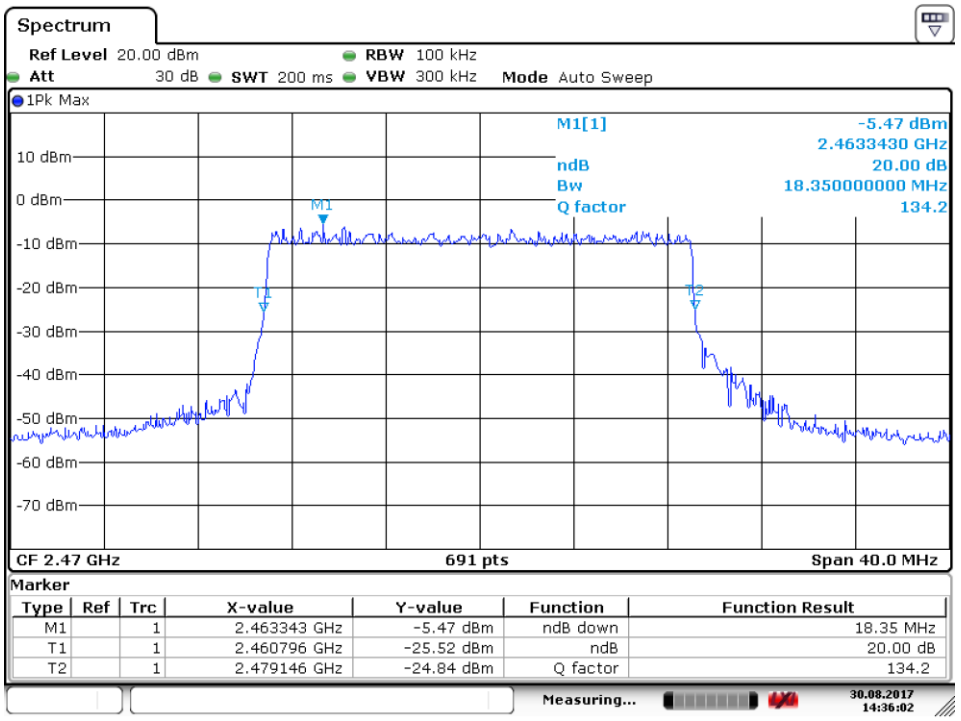
20 dB BANDWIDTH HIGH CH



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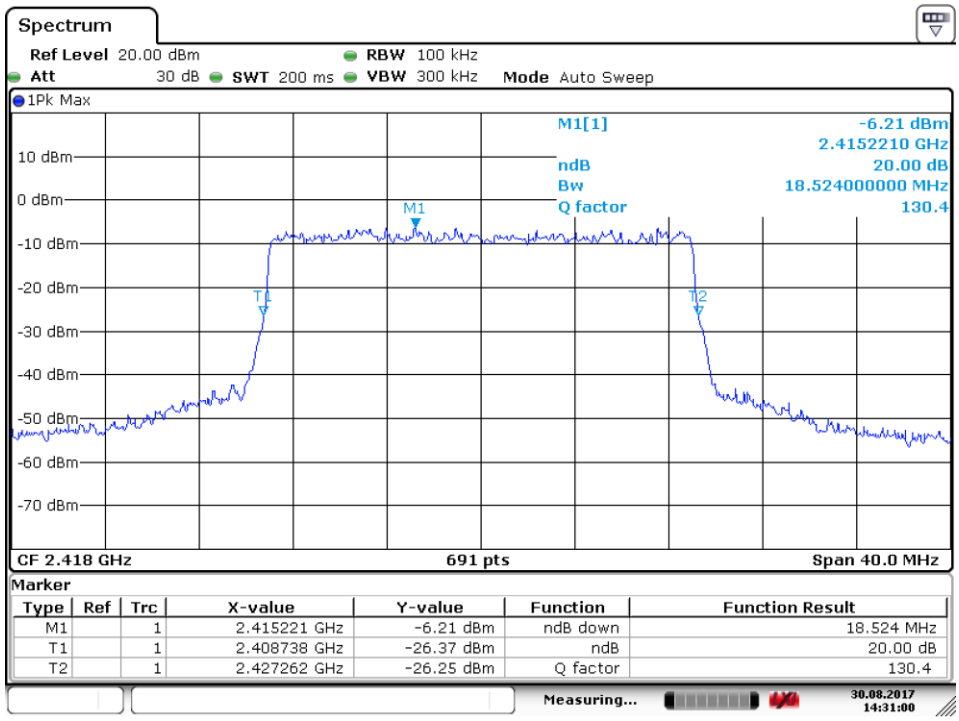
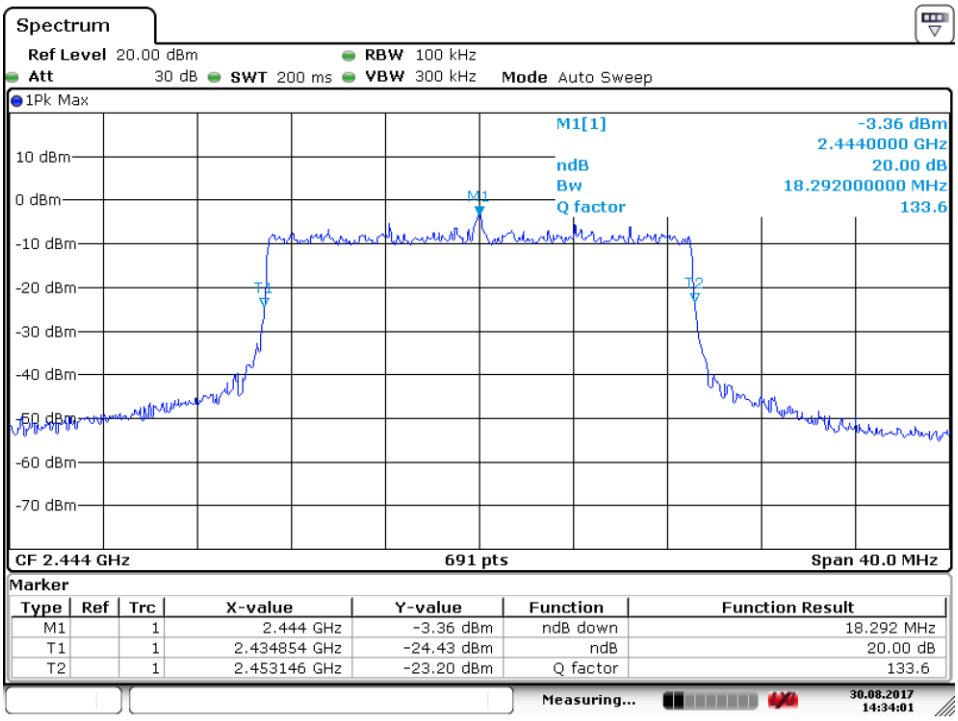
16QAM 20MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.524	Pass
Middle	2444	18.292	Pass
High	2470	18.408	Pass

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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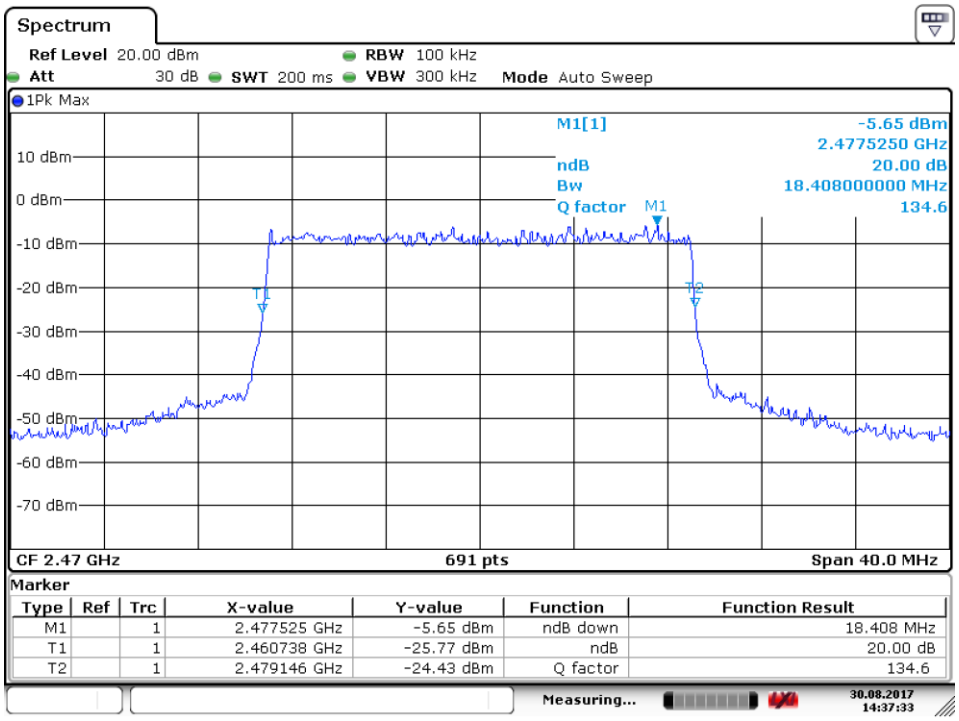
20 dB BANDWIDTH HIGH CH



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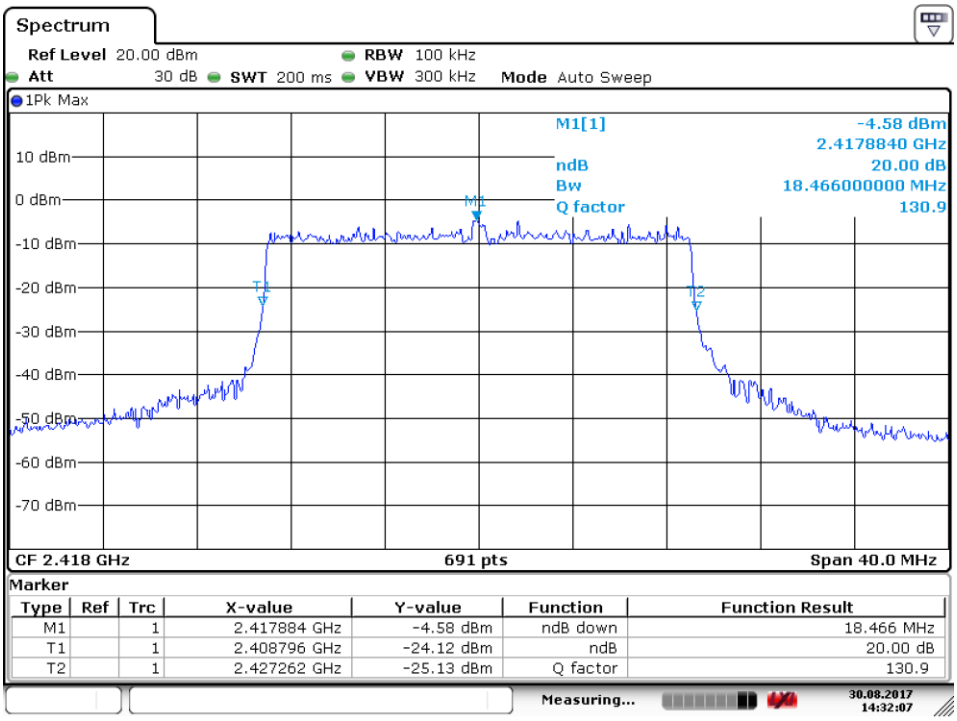
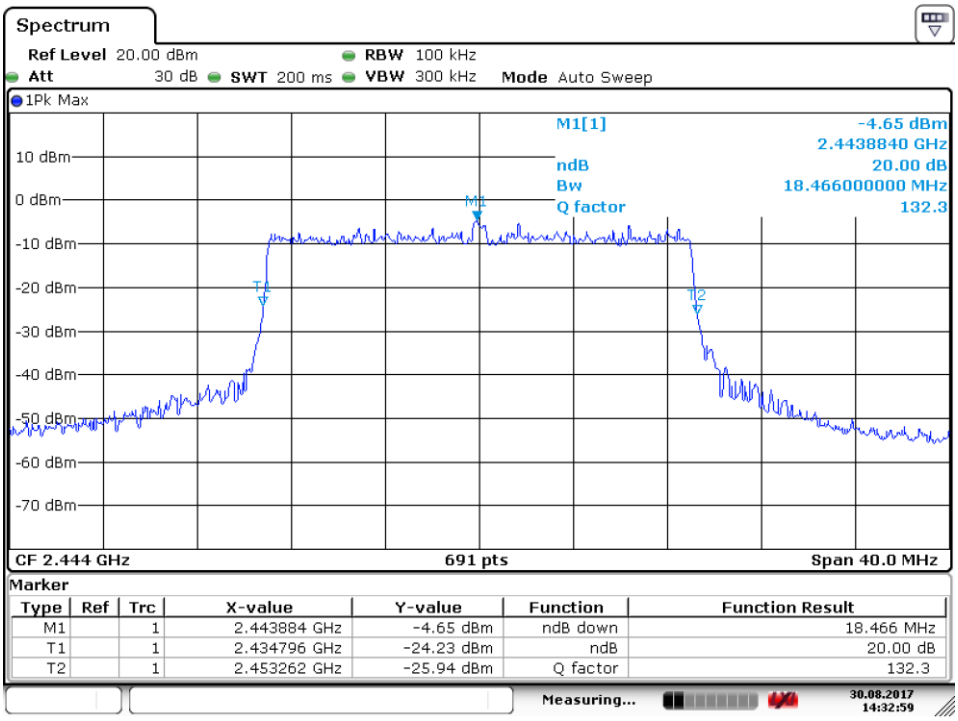
OFDM 20MHz Bandwidth Mode

Channel	Frequency (MHz)	20dB bandwidth (MHz)	Result
Low	2418	18.466	Pass
Middle	2444	18.466	Pass
High	2470	18.524	Pass

20 dB BANDWIDTH LOW CH



20 dB BANDWIDTH MID CH



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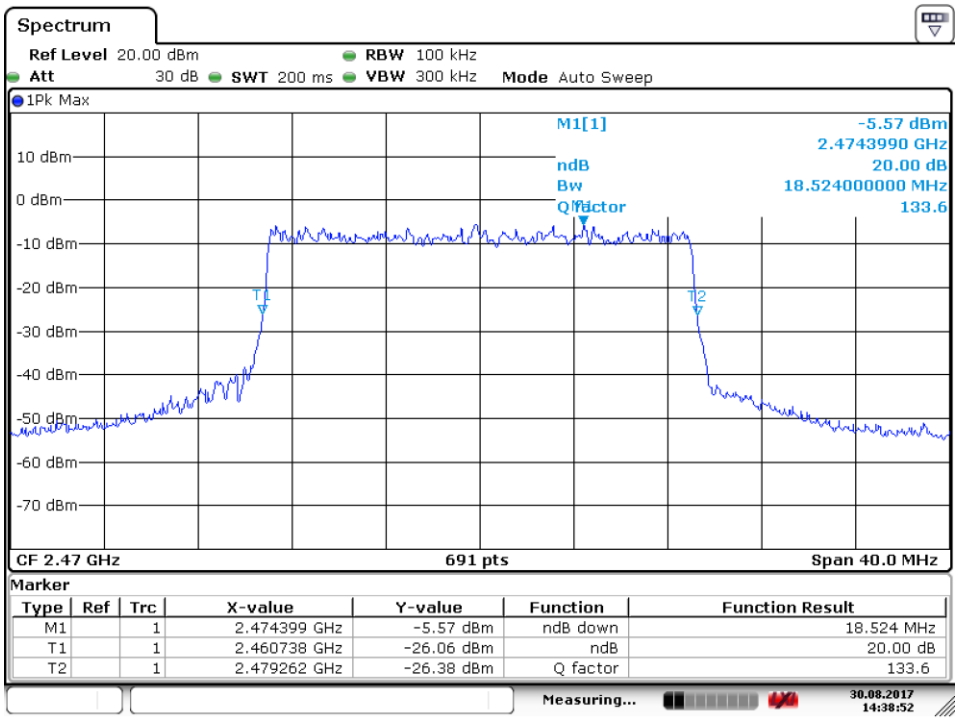
20 dB BANDWIDTH HIGH CH



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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) 30 - 88	Field Strength Limit (uV/m) at 3 m 100	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

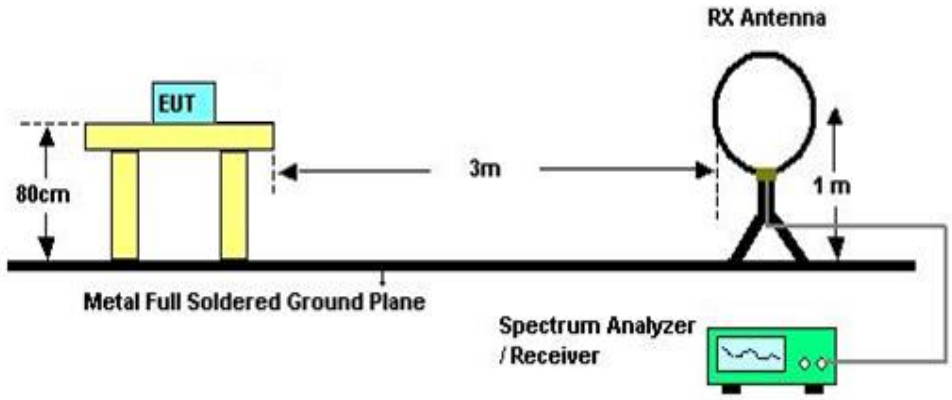
Restricted bands of operation

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: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6

TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013

2. The EUT was arranged to its worst case and then turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

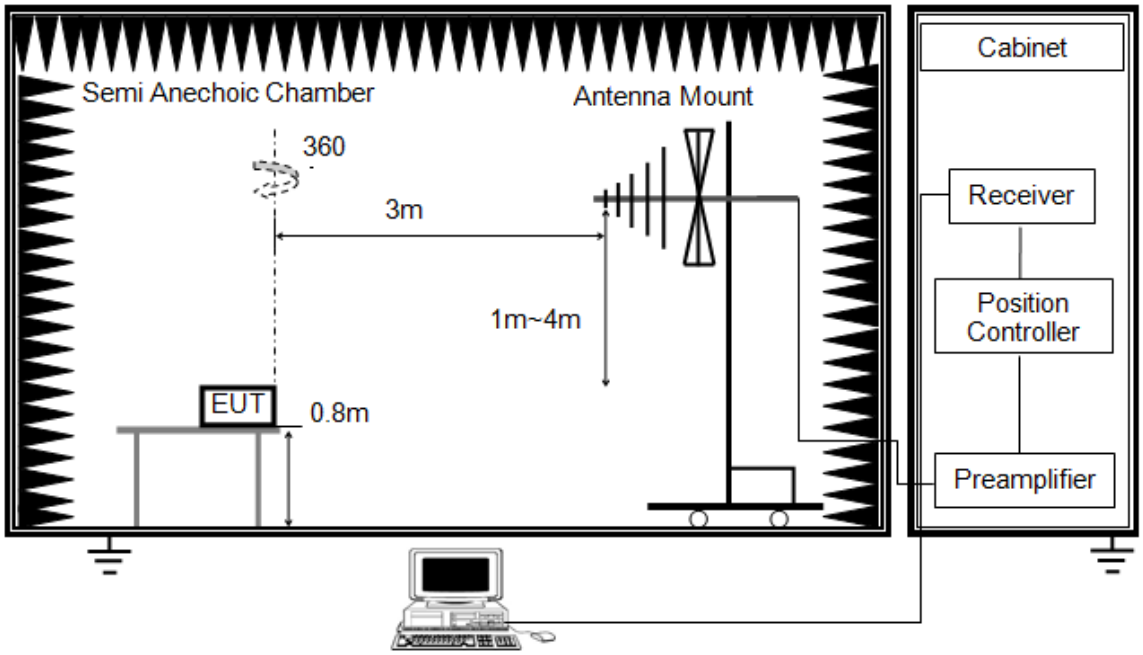
3. The EUT was placed on a turntable with 0.8 meter above ground.

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

5. For measurement below 1GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

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

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.

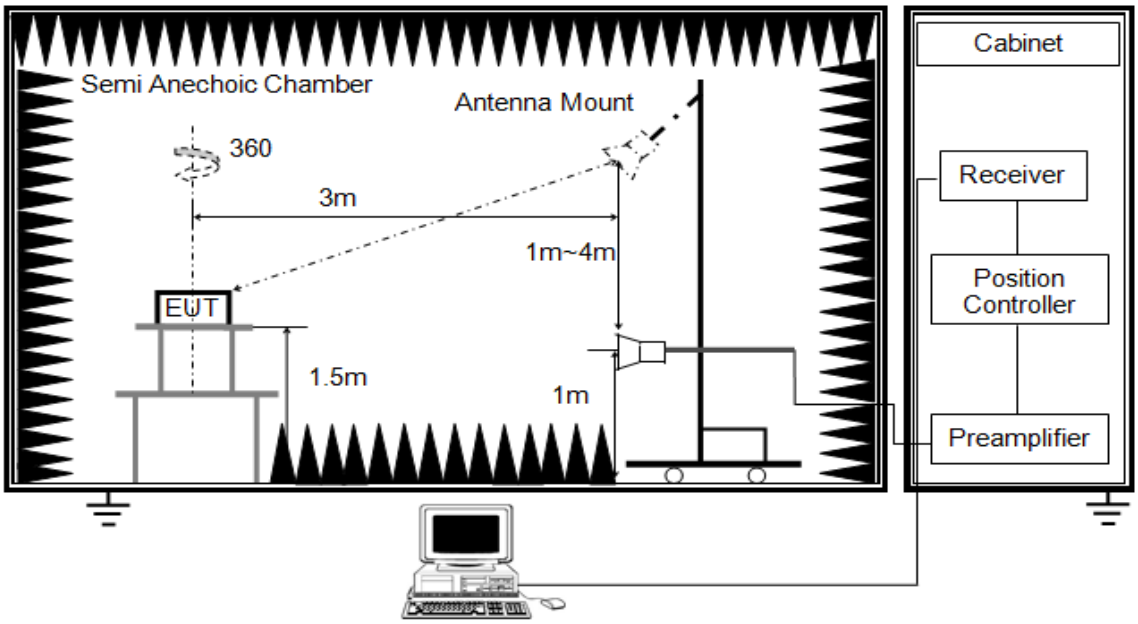
3. The EUT was placed on a turntable with 0.8 meter above ground.

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.

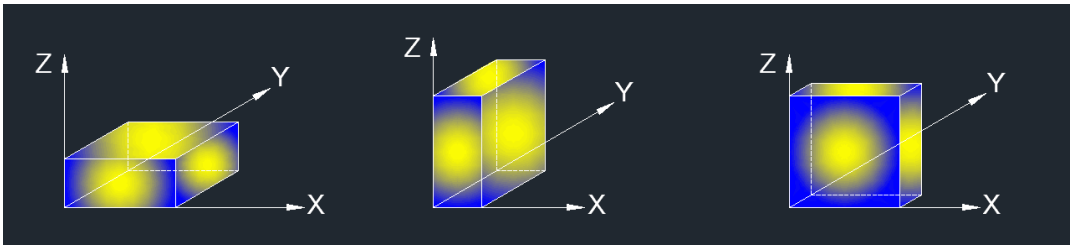
3. The EUT was placed on a turntable with 1.5m above ground.

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.

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.

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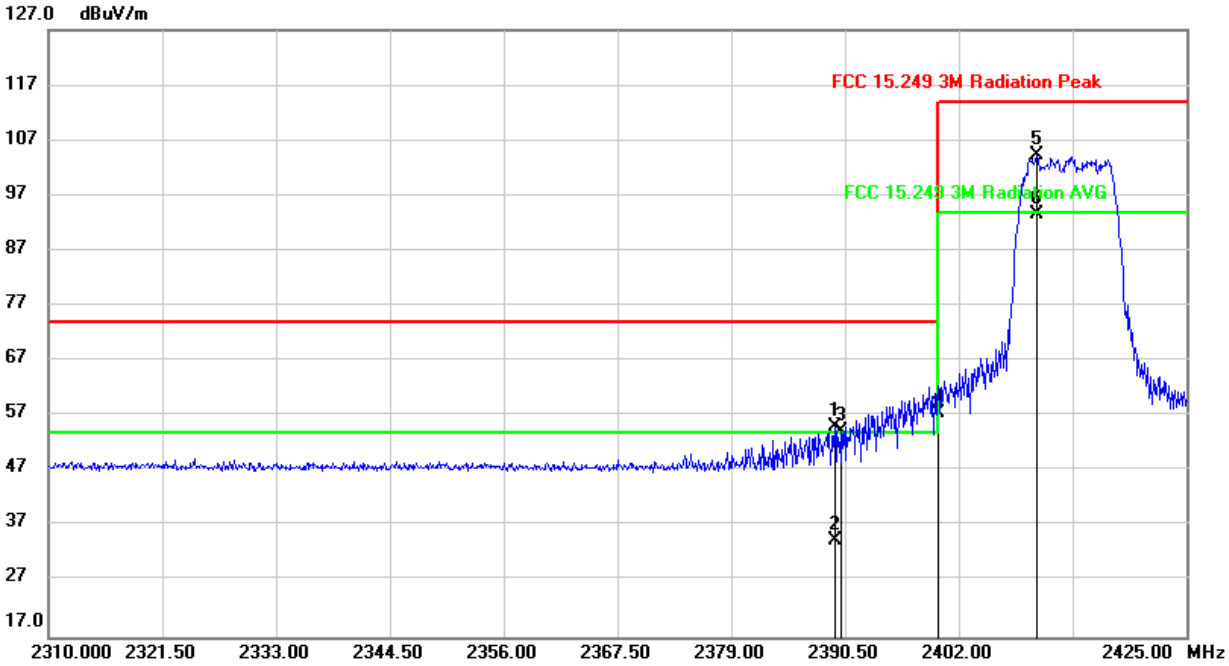
8.2. RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS

QPSK 10MHz Bandwidth Mode

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2389.465	21.90	33.14	55.04	74.00	-18.96	peak
2	2389.465	1.40	33.14	34.54	54.00	-19.46	AVG
3	2390.000	21.19	33.14	54.33	74.00	-19.67	peak
4	2400.000	24.51	33.07	57.58	74.00	-16.42	peak
5	2409.935	71.17	33.02	104.19	114.00	-9.81	peak
6	2409.935	60.60	33.02	93.62	94.00	-0.38	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.

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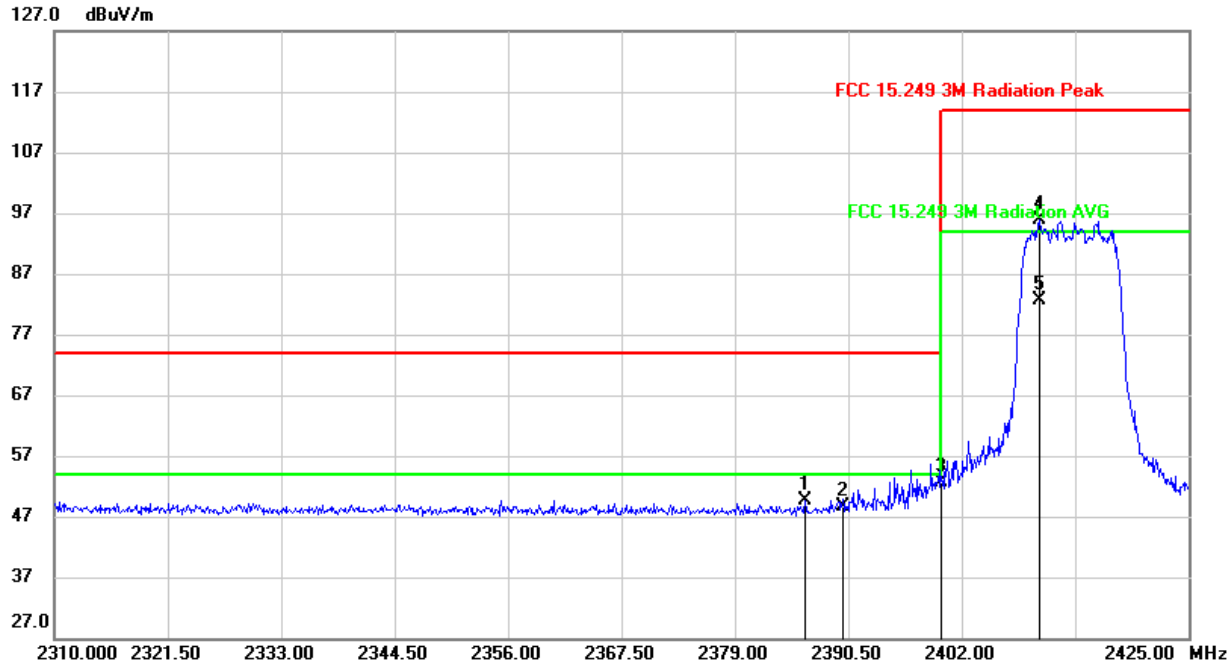
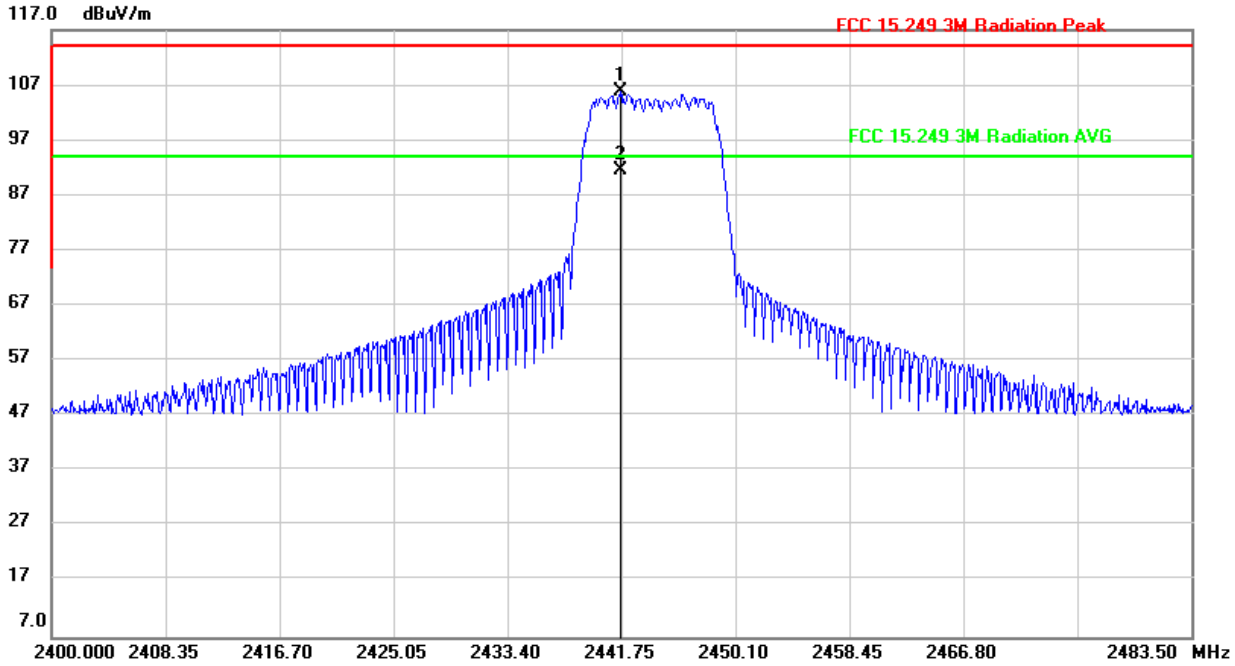
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2386.130	16.24	33.27	49.51	74.00	-24.49	peak
2	2390.000	15.33	33.24	48.57	74.00	-25.43	peak
3	2400.000	19.48	33.17	52.65	74.00	-21.35	peak
4	2409.935	62.83	33.12	95.95	114.00	-18.05	peak
5	2409.935	49.51	33.12	82.63	94.00	-11.37	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.

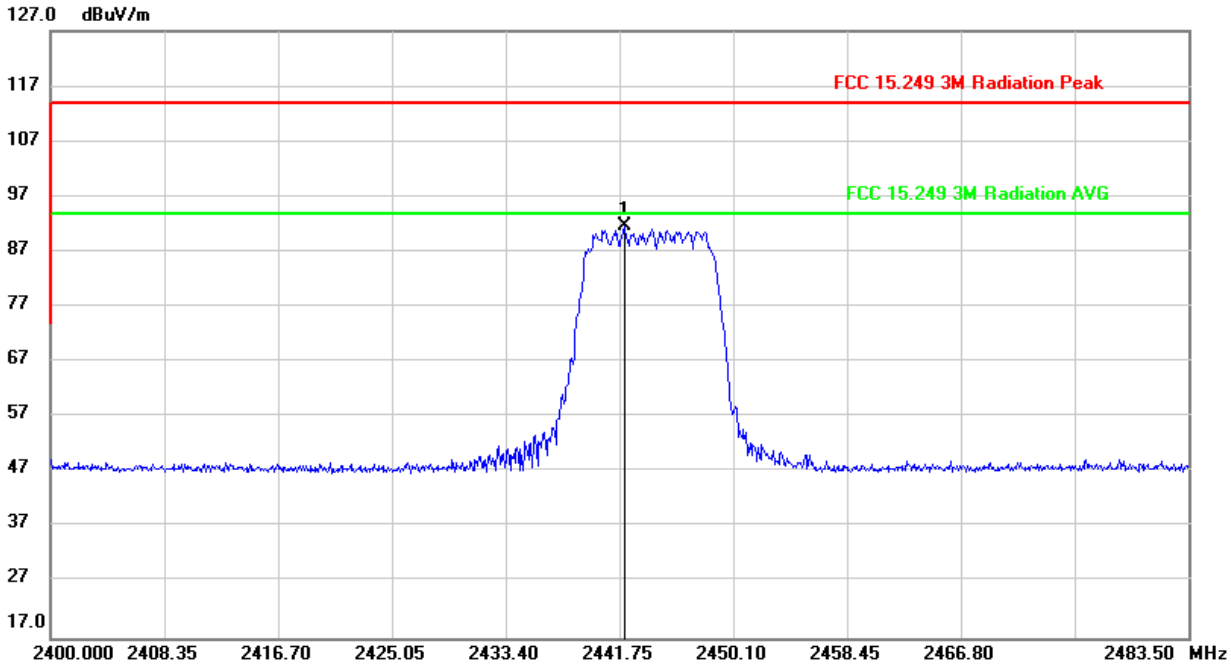
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2441.666	72.88	32.86	105.74	114.00	-8.26	peak
2	2441.666	58.62	32.86	91.48	94.00	-2.52	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.

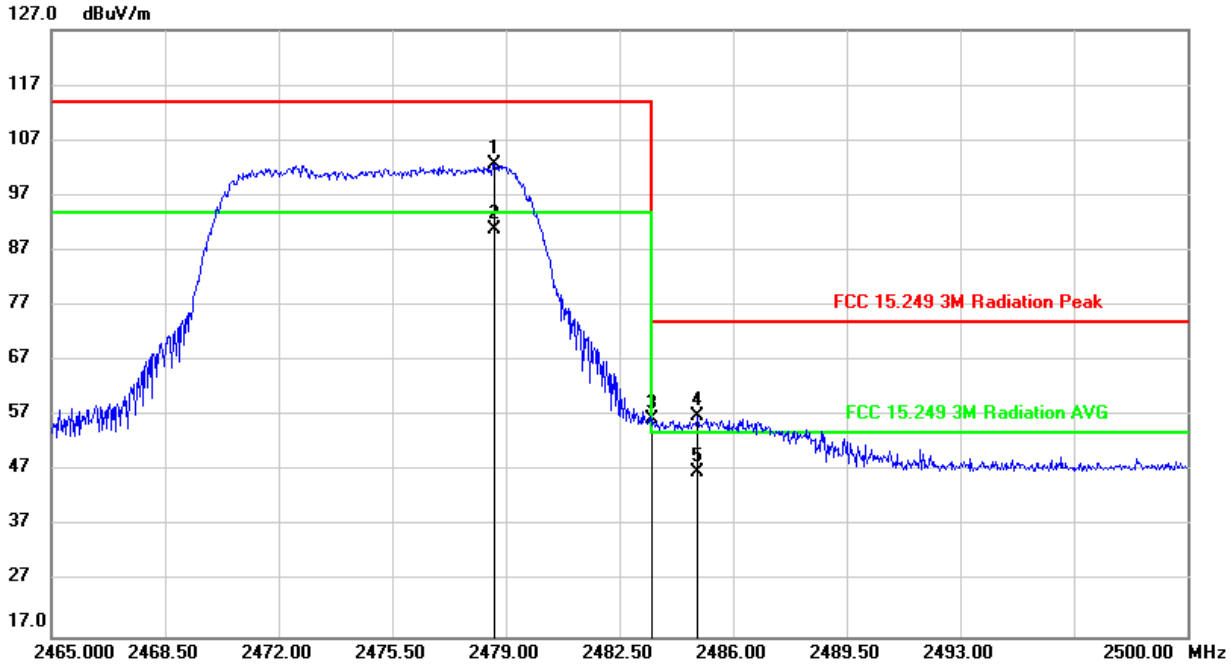
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2442.084	58.59	32.96	91.55	114.00	-22.45	peak

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

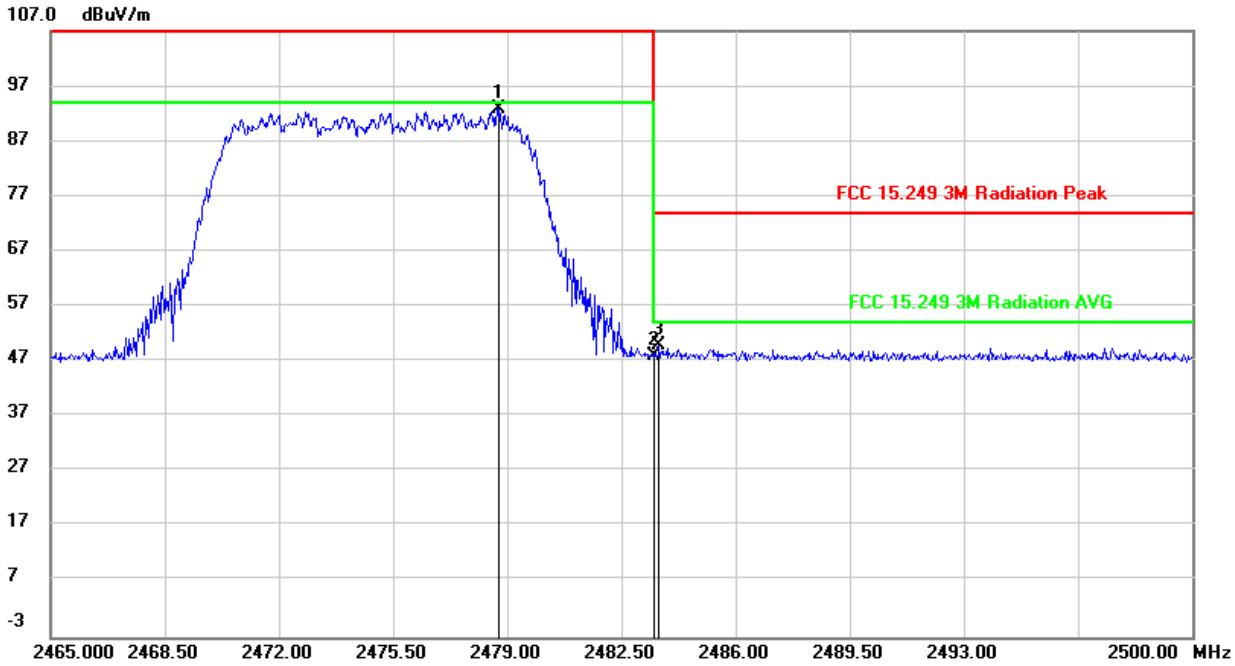
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2478.650	69.93	32.79	102.72	114.00	-11.28	peak
2	2478.650	57.93	32.79	90.72	94.00	-3.28	AVG
3	2483.500	23.75	32.78	56.53	74.00	-17.47	peak
4	2484.915	24.35	32.78	57.13	74.00	-16.87	peak
5	2484.915	14.11	32.78	46.89	54.00	-7.11	AVG

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

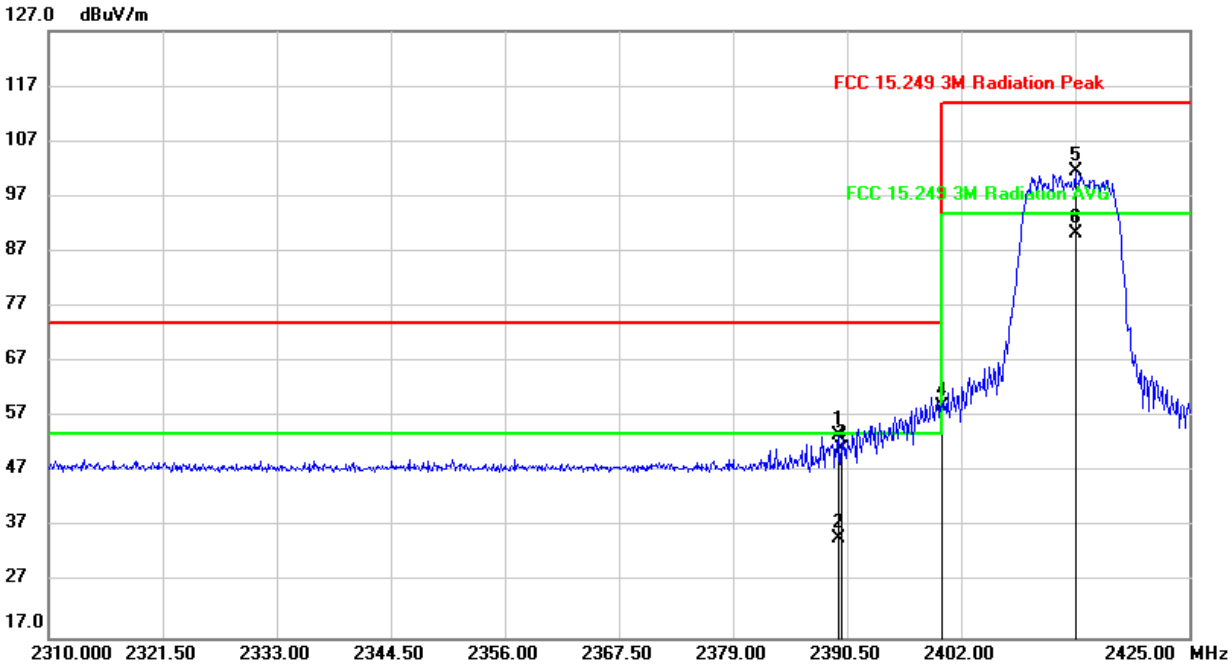


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2478.755	60.07	32.89	92.96	114.00	-21.04	peak
2	2483.500	15.14	32.88	48.02	74.00	-25.98	peak
3	2483.655	17.10	32.88	49.98	74.00	-24.02	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. 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	2389.580	20.55	33.14	53.69	74.00	-20.31	peak
2	2389.580	1.95	33.14	35.09	54.00	-18.91	AVG
3	2390.000	18.11	33.14	51.25	74.00	-22.75	peak
4	2400.000	25.83	33.07	58.90	74.00	-15.10	peak
5	2413.500	68.56	33.00	101.56	114.00	-12.44	peak
6	2413.500	57.33	33.00	90.33	94.00	-3.67	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.

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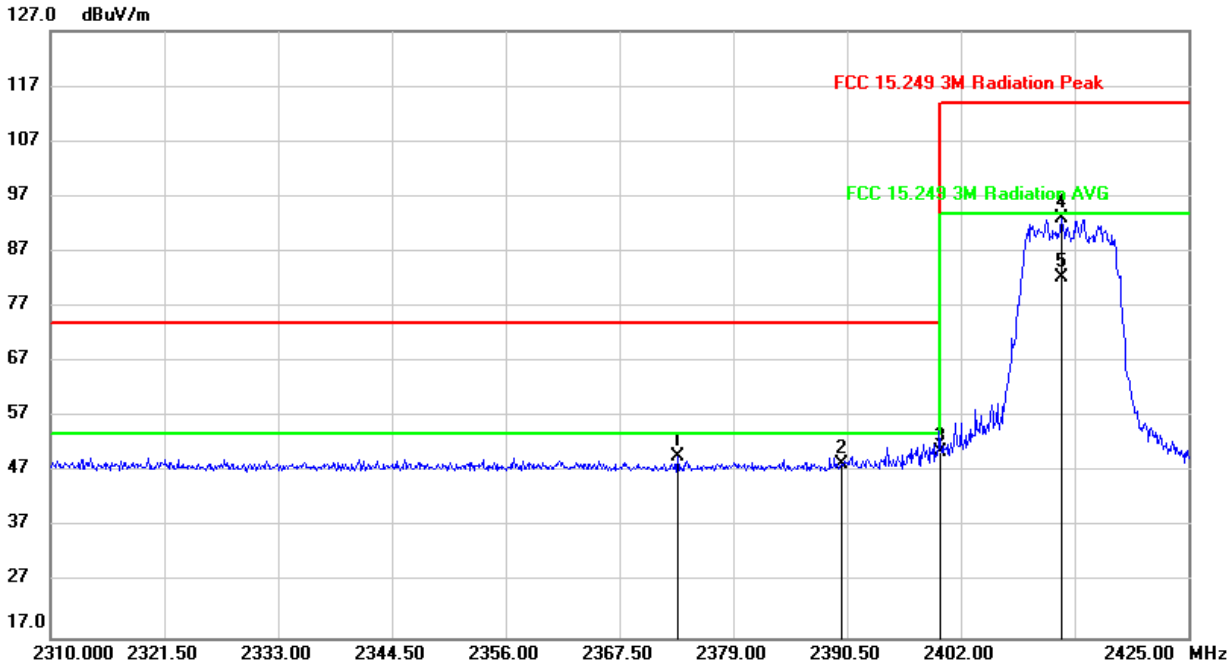
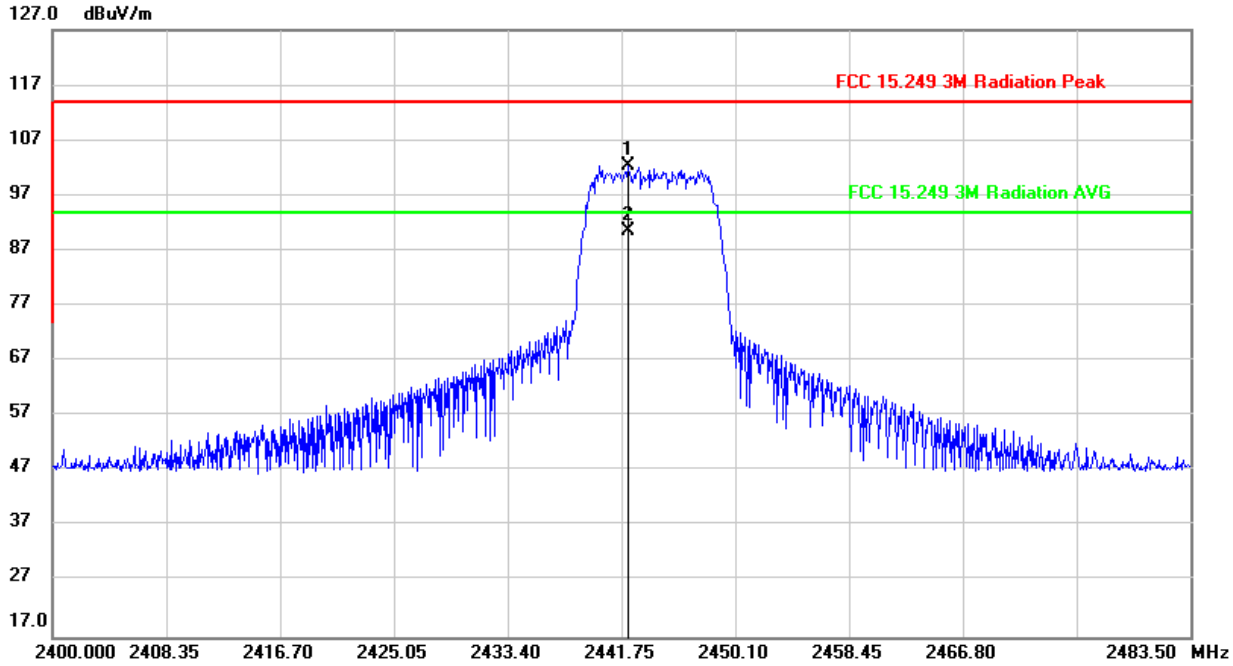
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2373.365	16.38	33.36	49.74	74.00	-24.26	peak
2	2390.000	15.30	33.24	48.54	74.00	-25.46	peak
3	2400.000	17.63	33.17	50.80	74.00	-23.20	peak
4	2412.120	59.90	33.11	93.01	114.00	-20.99	peak
5	2412.120	49.12	33.11	82.23	94.00	-11.77	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.

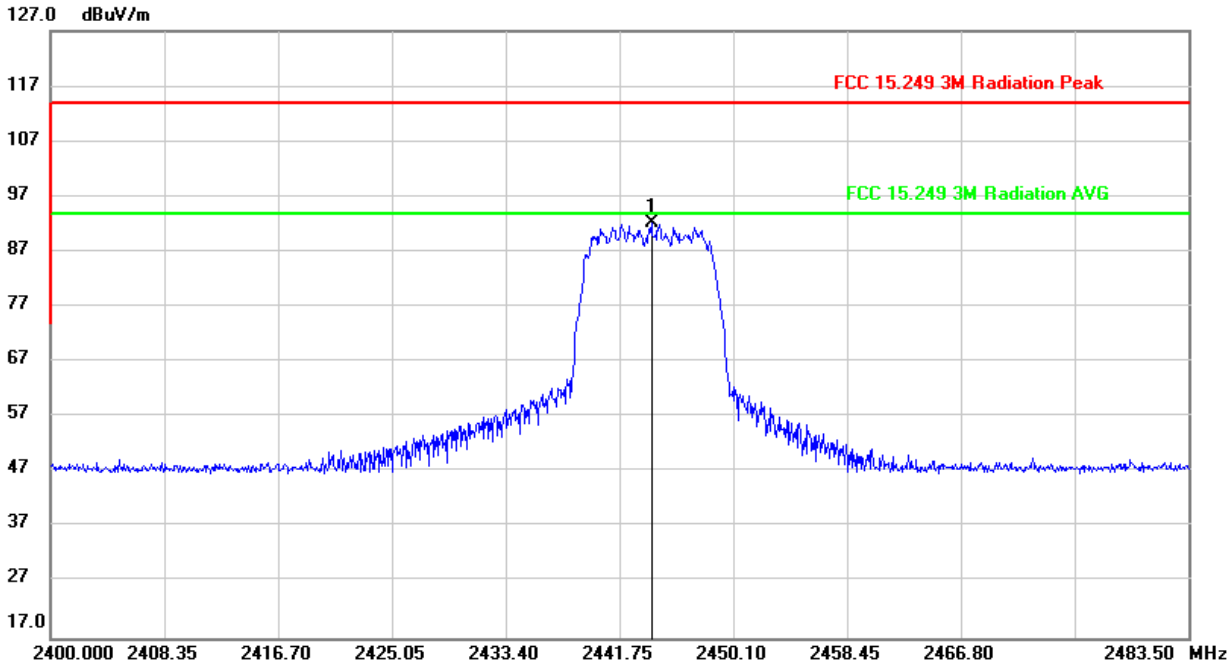
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2442.251	69.60	32.86	102.46	114.00	-11.54	peak
2	2442.251	57.62	32.86	90.48	94.00	-3.52	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.

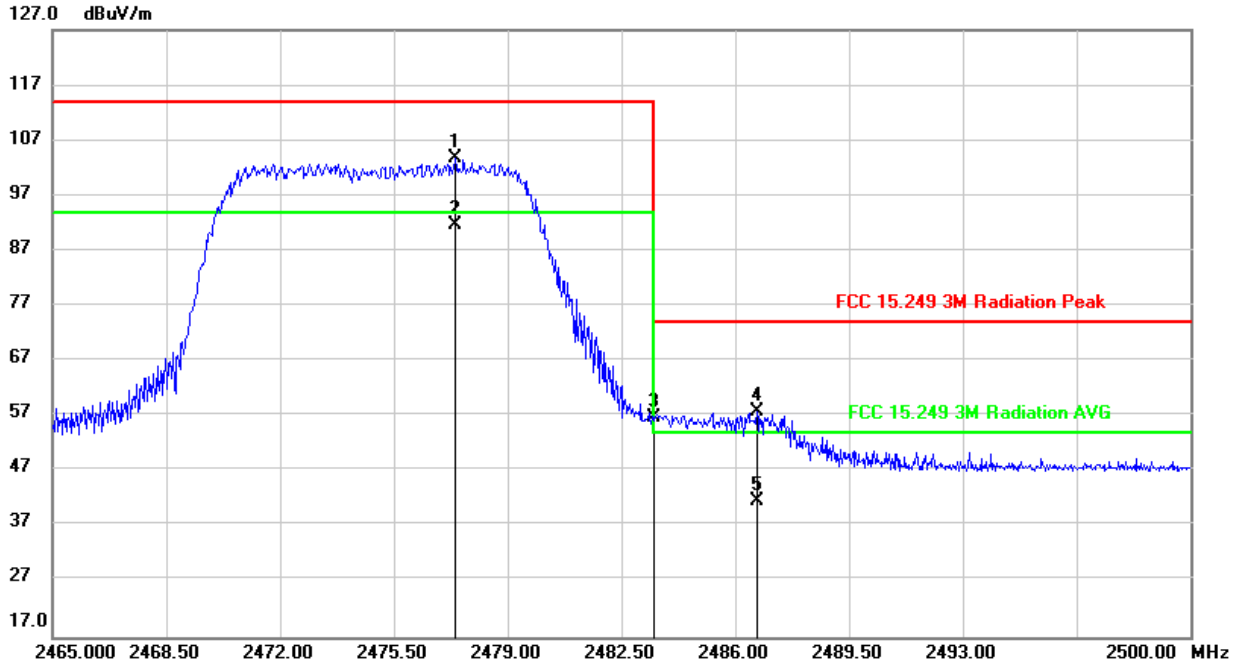
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2444.088	59.25	32.95	92.20	114.00	-21.80	peak

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

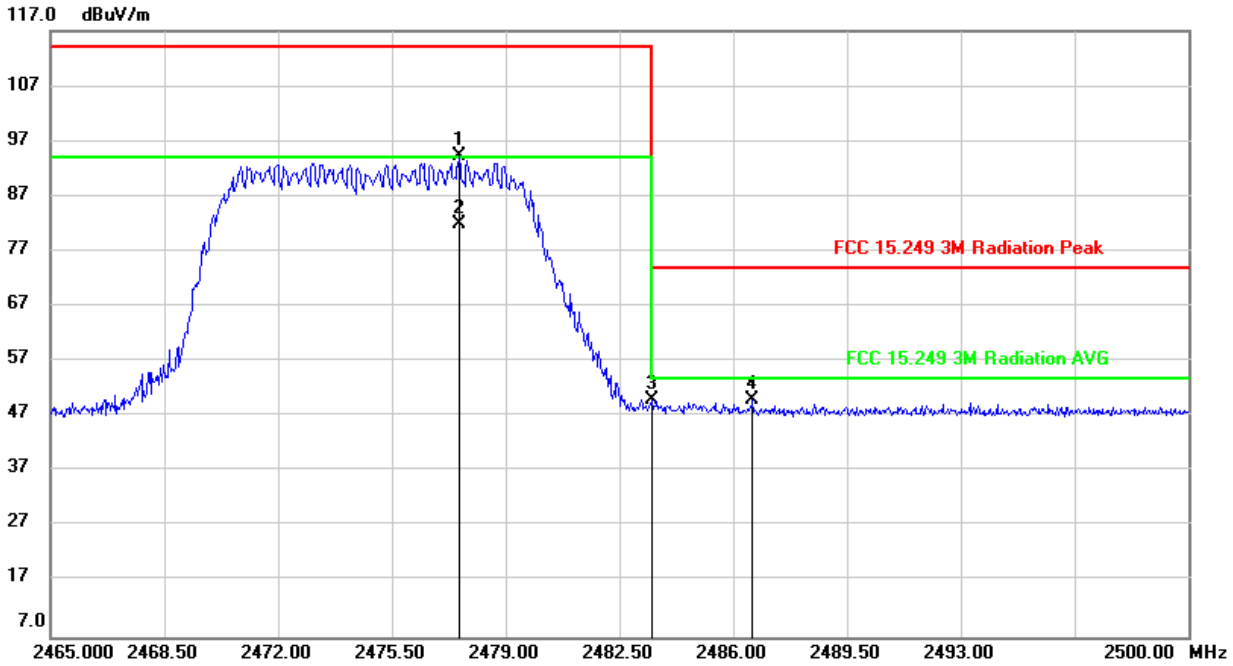
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2477.390	70.94	32.80	103.74	114.00	-10.26	peak
2	2477.390	58.84	32.80	91.64	94.00	-2.36	AVG
3	2483.500	23.99	32.78	56.77	74.00	-17.23	peak
4	2486.665	25.05	32.79	57.84	74.00	-16.16	peak
5	2486.665	8.87	32.79	41.66	54.00	-12.34	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 (HIGH CHANNEL, VERTICAL)

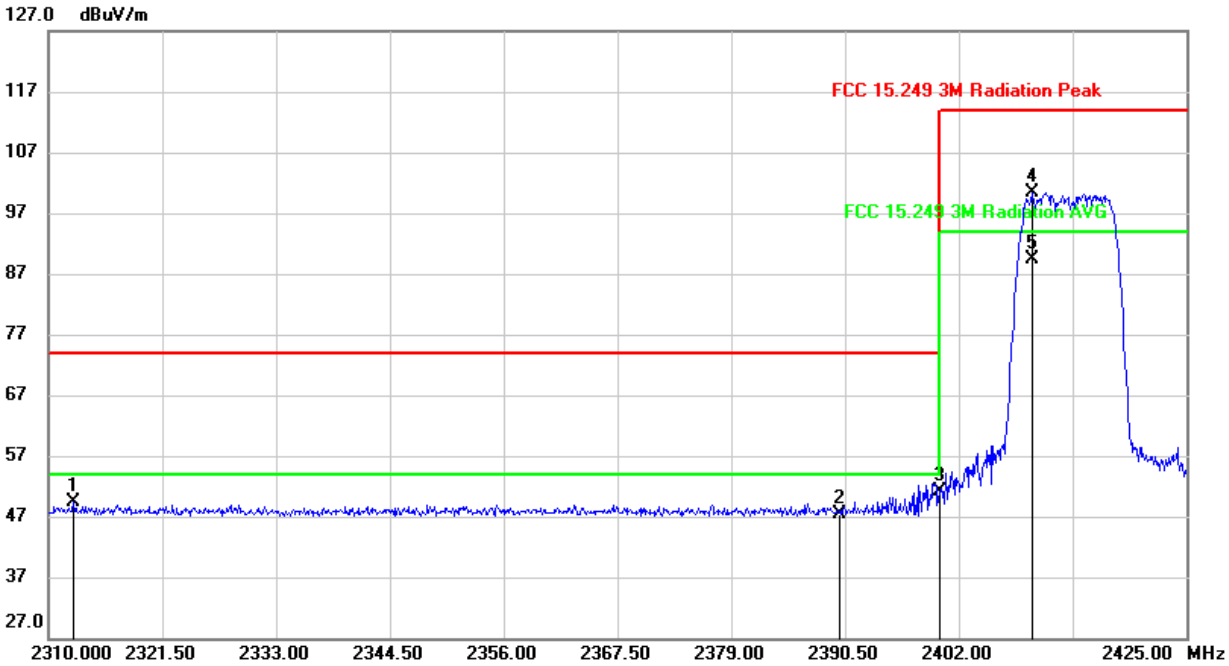


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2477.565	61.32	32.89	94.21	114.00	-19.79	peak
2	2477.565	49.07	32.89	81.96	94.00	-12.04	AVG
3	2483.500	17.07	32.88	49.95	74.00	-24.05	peak
4	2486.595	17.26	32.89	50.15	74.00	-23.85	peak

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. 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	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2312.530	15.64	33.70	49.34	74.00	-24.66	peak
2	2390.000	14.21	33.14	47.35	74.00	-26.65	peak
3	2400.000	18.16	33.07	51.23	74.00	-22.77	peak
4	2409.360	67.46	33.02	100.48	114.00	-13.52	peak
5	2409.360	56.29	33.02	89.31	94.00	-4.69	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.

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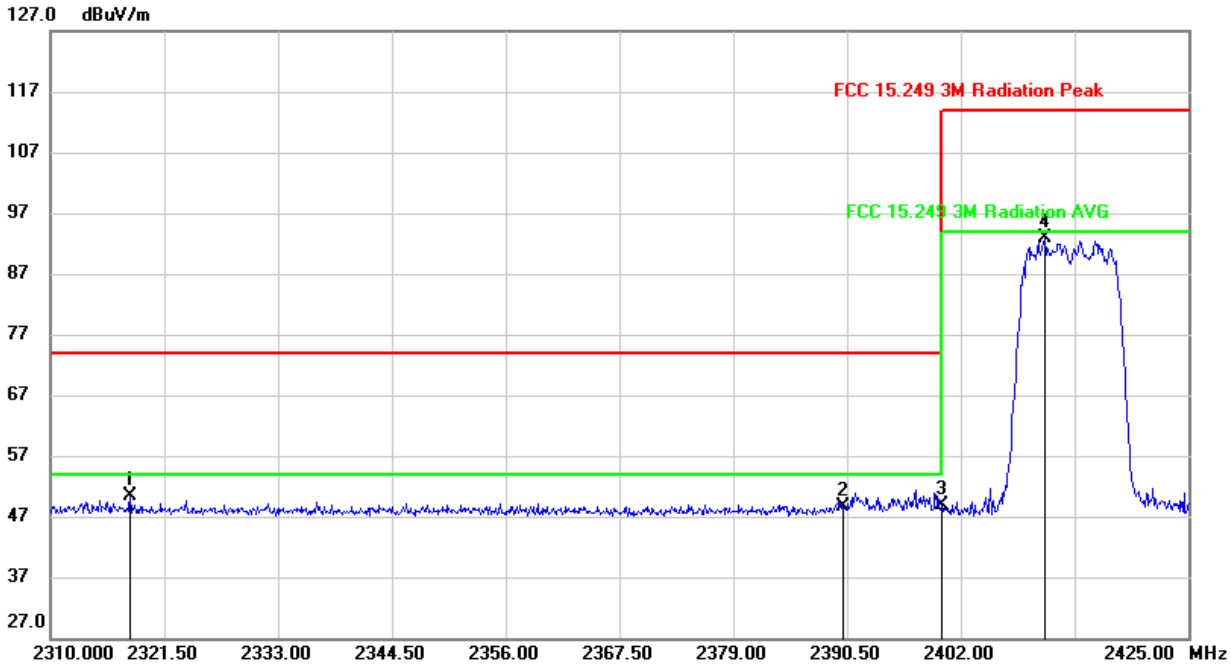
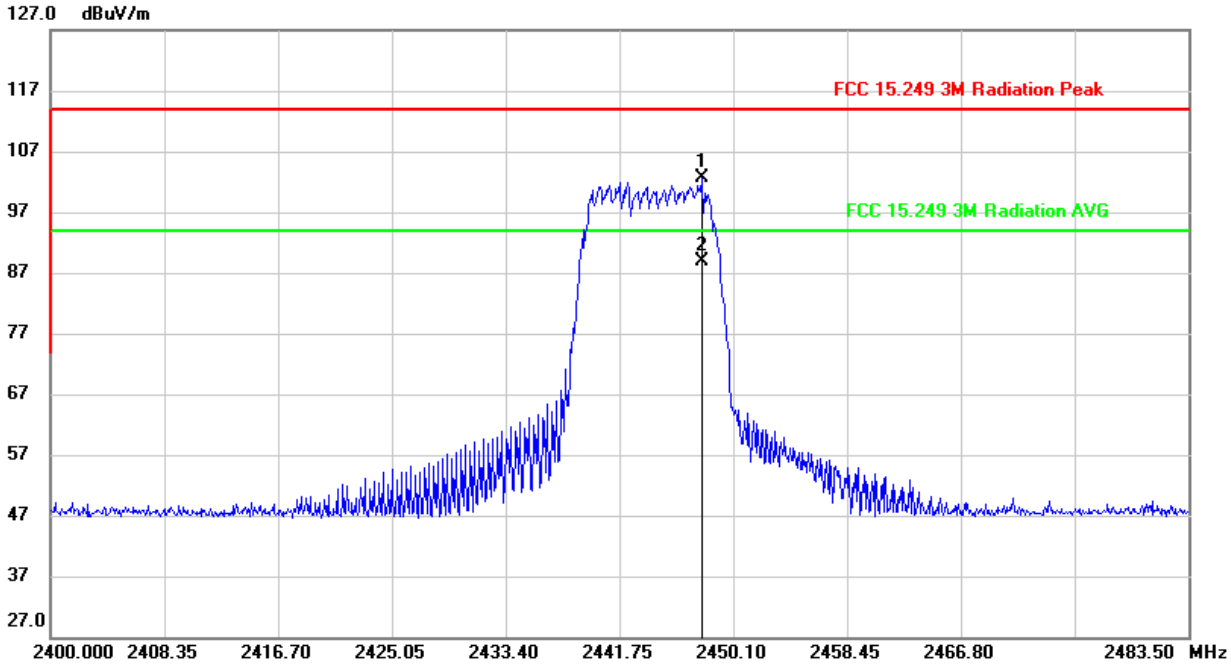
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2318.050	16.54	33.82	50.36	74.00	-23.64	peak
2	2390.000	15.40	33.24	48.64	74.00	-25.36	peak
3	2400.000	15.59	33.17	48.76	74.00	-25.24	peak
4	2410.510	59.77	33.12	92.89	114.00	-21.11	peak

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

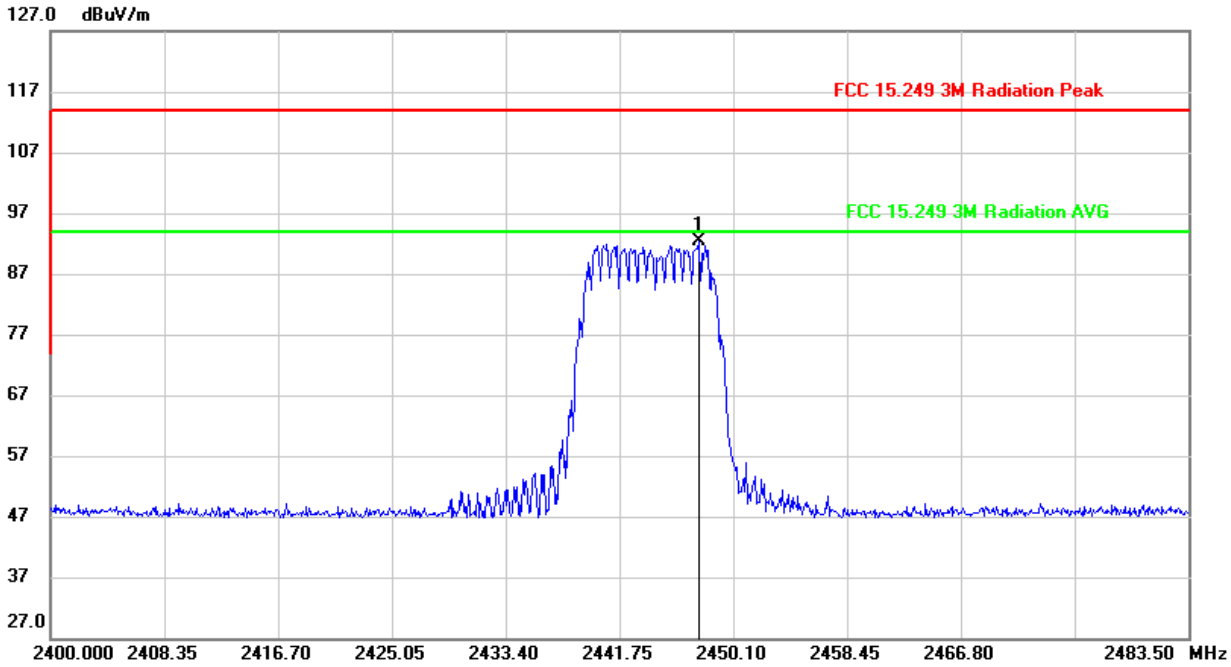
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2447.762	69.75	32.83	102.58	114.00	-11.42	peak
2	2447.762	56.01	32.83	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.

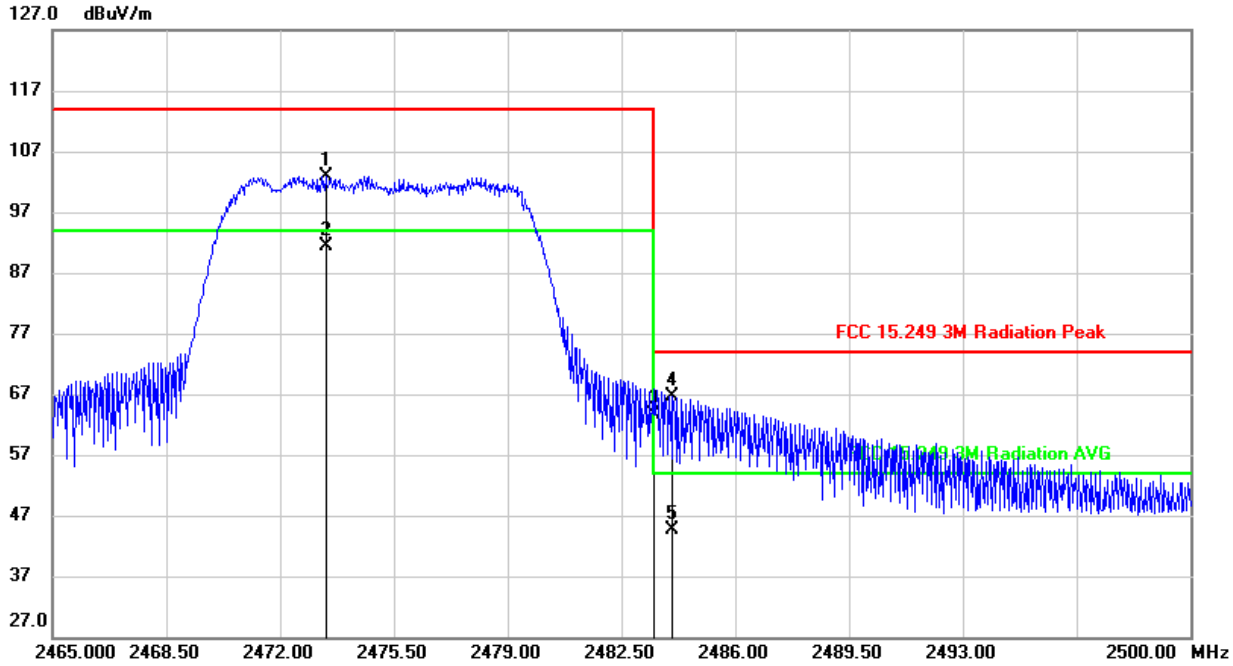
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2447.595	59.54	32.93	92.47	114.00	-21.53	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.

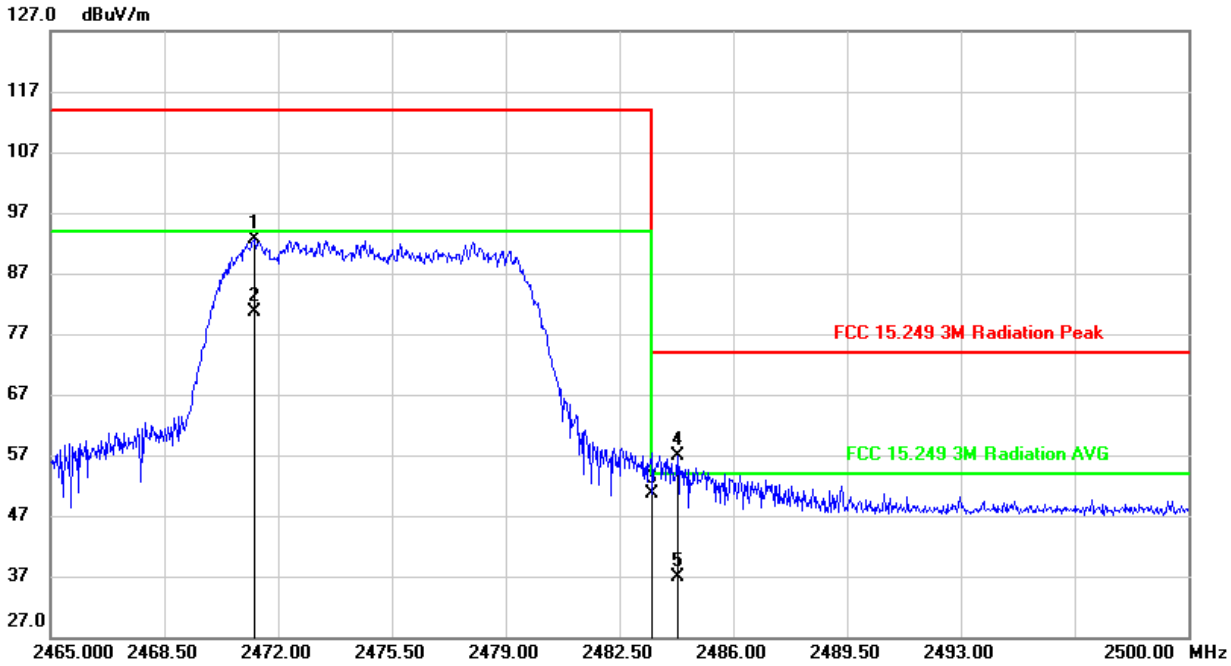
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2473.400	70.15	32.79	102.94	114.00	-11.06	peak
2	2473.400	58.60	32.79	91.39	94.00	-2.61	AVG
3	2483.500	30.88	32.78	63.66	74.00	-10.34	peak
4	2484.075	33.96	32.78	66.74	74.00	-7.26	peak
5	2484.075	11.94	32.78	44.72	54.00	-9.28	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)

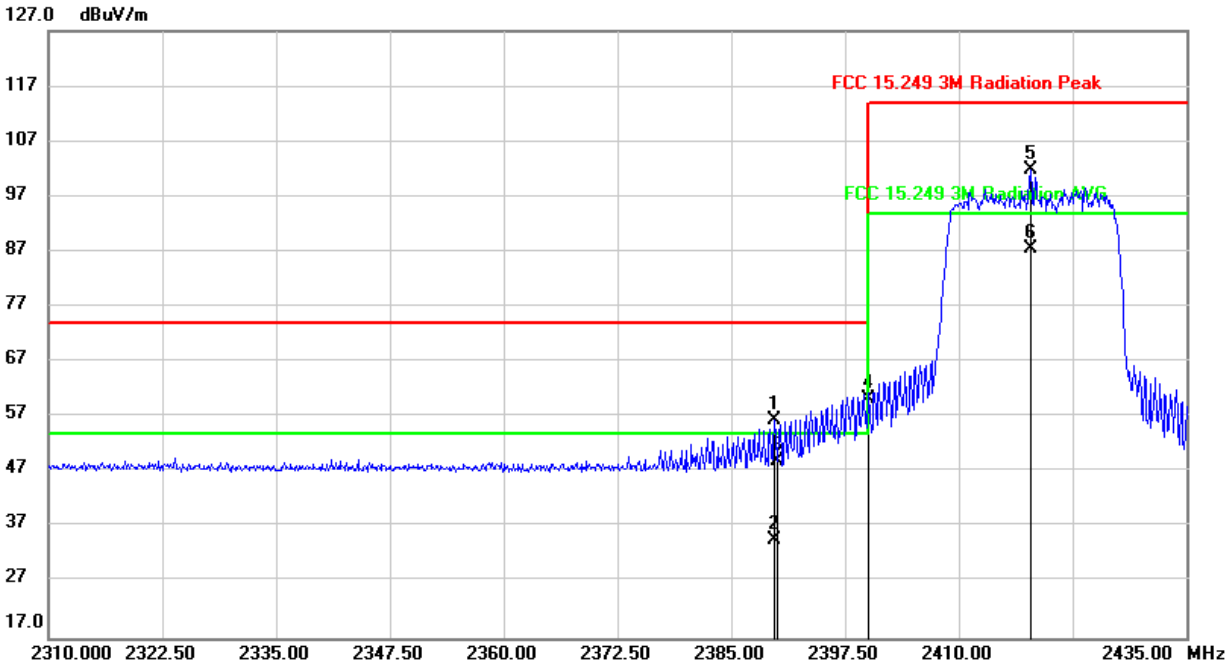


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2471.265	59.65	32.90	92.55	114.00	-21.45	peak
2	2471.265	47.85	32.90	80.75	94.00	-13.25	AVG
3	2483.500	17.71	32.88	50.59	74.00	-23.41	peak
4	2484.285	23.92	32.88	56.80	74.00	-17.20	peak
5	2484.285	4.07	32.88	36.95	54.00	-17.05	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.

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	2389.750	23.46	33.14	56.60	74.00	-17.40	peak
2	2389.750	1.66	33.14	34.80	54.00	-19.20	AVG
3	2390.000	15.94	33.14	49.08	74.00	-24.92	peak
4	2400.000	27.14	33.07	60.21	74.00	-13.79	peak
5	2417.875	68.83	32.98	101.81	114.00	-12.19	peak
6	2417.875	54.61	32.98	87.59	94.00	-6.41	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.

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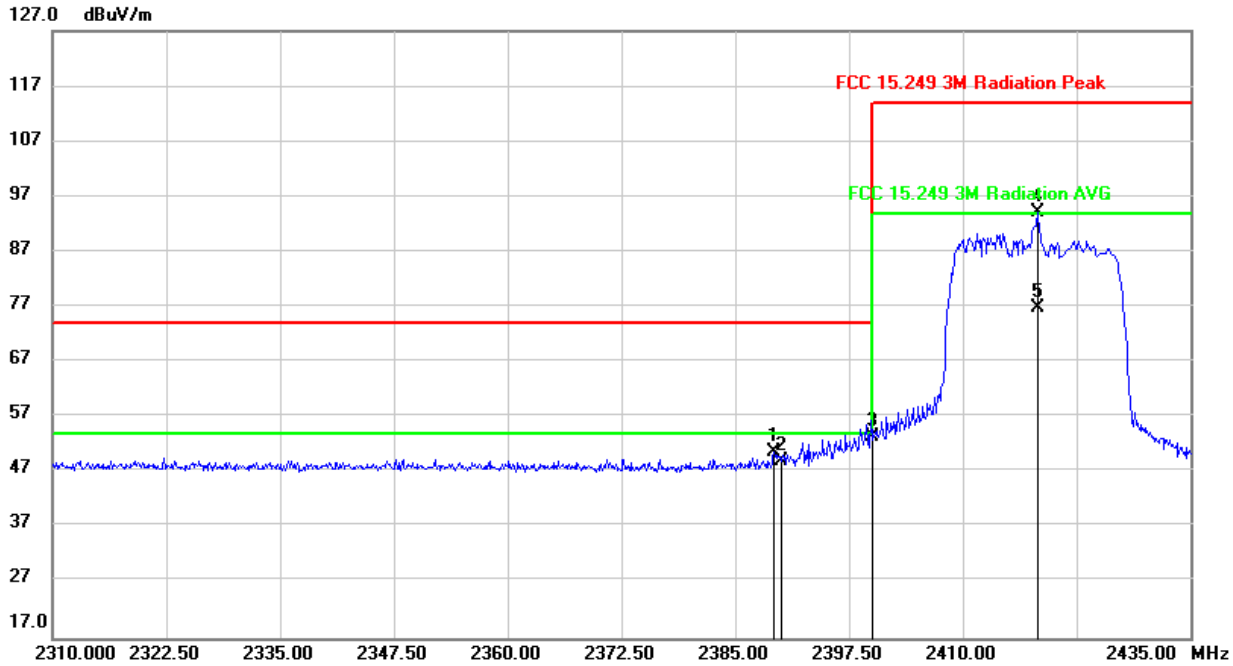
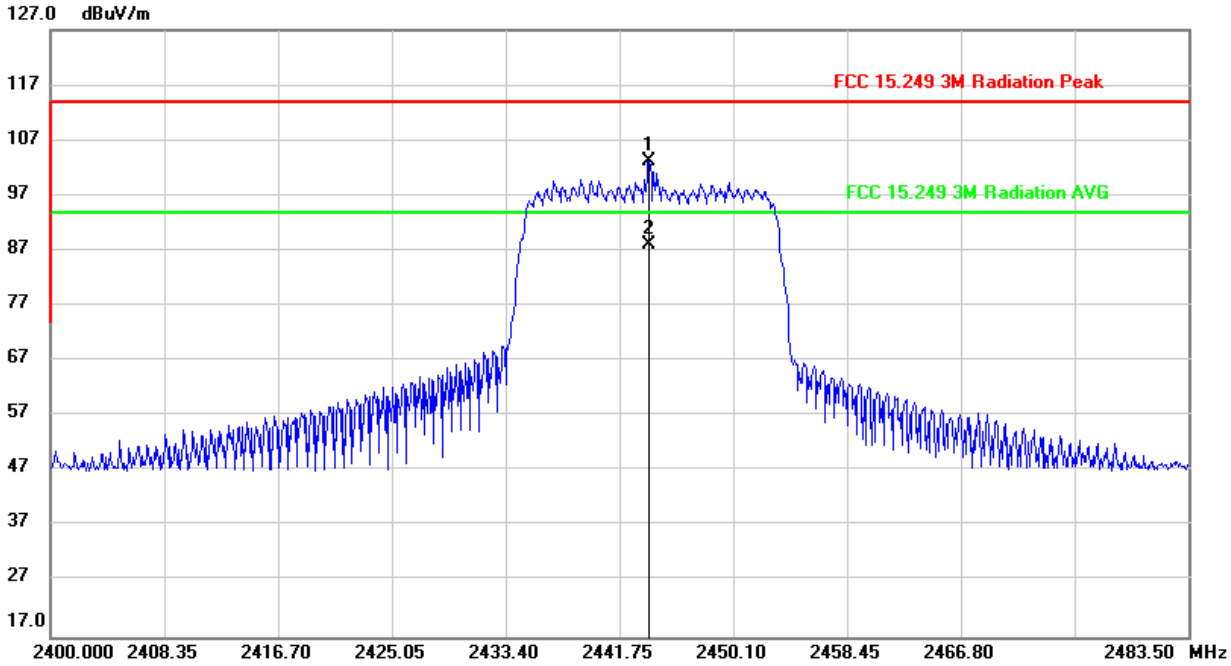
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2389.250	17.37	33.25	50.62	74.00	-23.38	peak
2	2390.000	15.68	33.24	48.92	74.00	-25.08	peak
3	2400.000	20.35	33.17	53.52	74.00	-20.48	peak
4	2418.250	61.07	33.08	94.15	114.00	-19.85	peak
5	2418.250	43.84	33.08	76.92	94.00	-17.08	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.

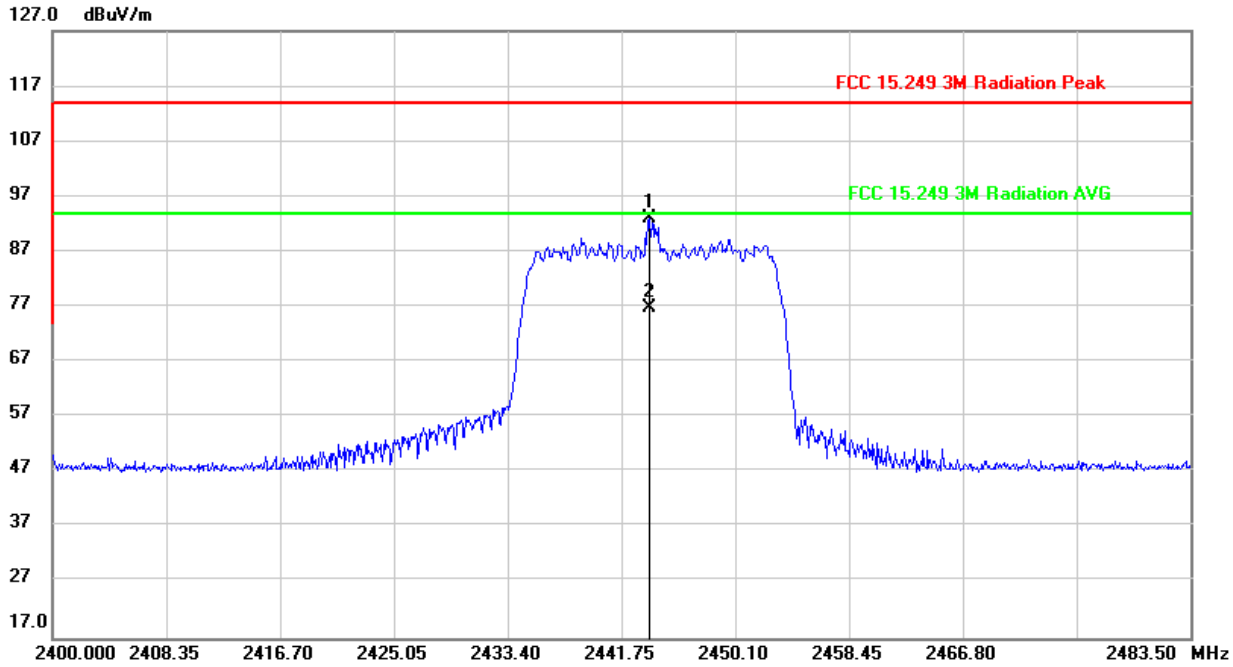
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2443.921	70.42	32.85	103.27	114.00	-10.73	peak
2	2443.921	55.16	32.85	88.01	94.00	-5.99	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.

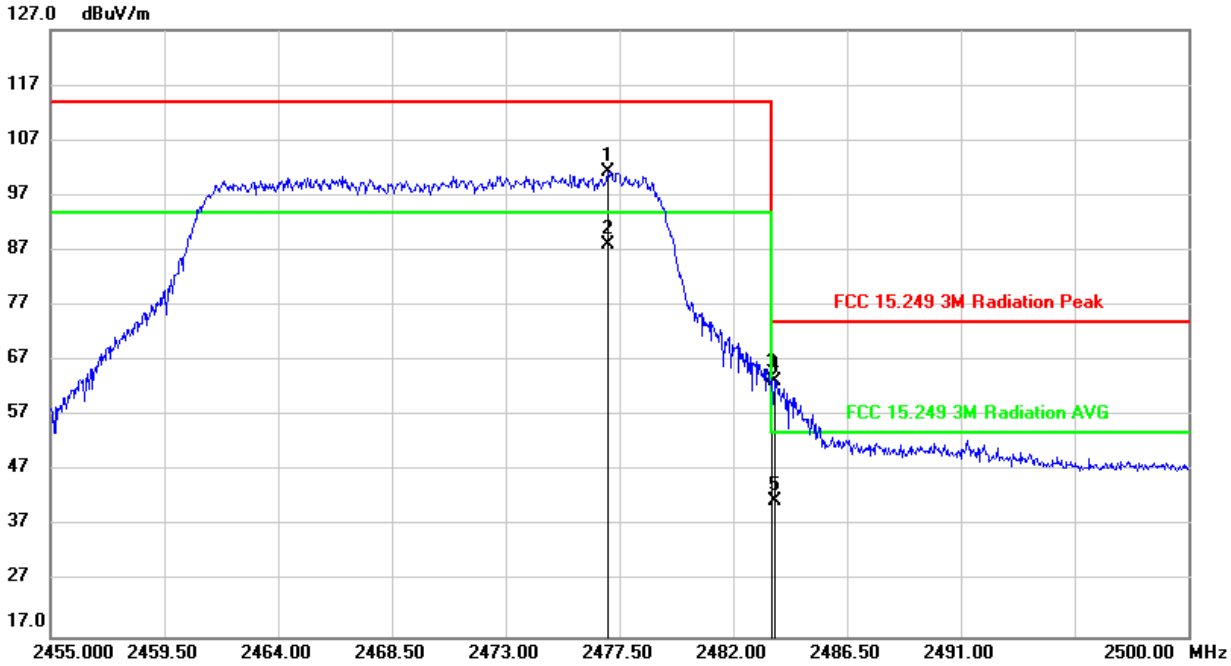
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2443.838	60.00	32.95	92.95	114.00	-21.05	peak
2	2443.838	43.81	32.95	76.76	94.00	-17.24	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.

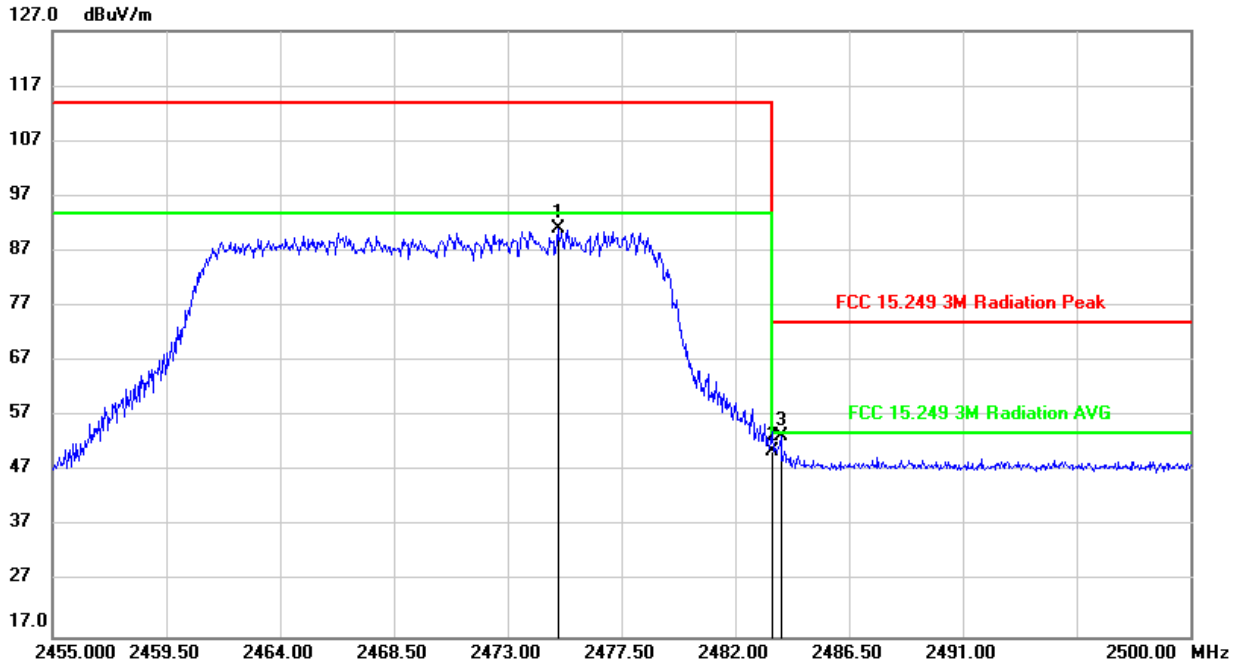
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2477.050	68.48	32.80	101.28	114.00	-12.72	peak
2	2477.050	55.29	32.80	88.09	94.00	-5.91	AVG
3	2483.500	31.00	32.78	63.78	74.00	-10.22	peak
4	2483.665	30.54	32.78	63.32	74.00	-10.68	peak
5	2483.665	8.95	32.78	41.73	54.00	-12.27	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)

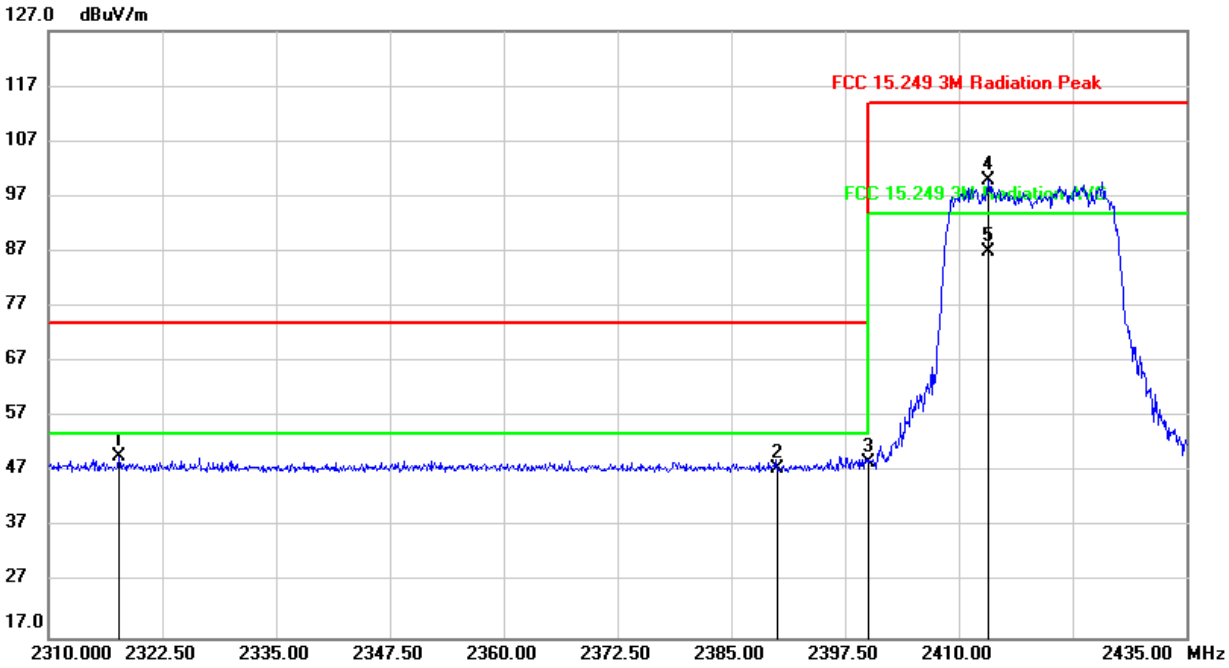


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2474.980	58.10	32.89	90.99	114.00	-23.01	peak
2	2483.500	17.92	32.88	50.80	74.00	-23.20	peak
3	2483.800	20.51	32.88	53.39	74.00	-20.61	peak

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.

16QAM 20MHz Bandwidth Mode

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2317.750	16.08	33.66	49.74	74.00	-24.26	peak
2	2390.000	14.59	33.14	47.73	74.00	-26.27	peak
3	2400.000	15.77	33.07	48.84	74.00	-25.16	peak
4	2413.250	66.83	33.00	99.83	114.00	-14.17	peak
5	2413.250	54.11	33.00	87.11	94.00	-6.89	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.

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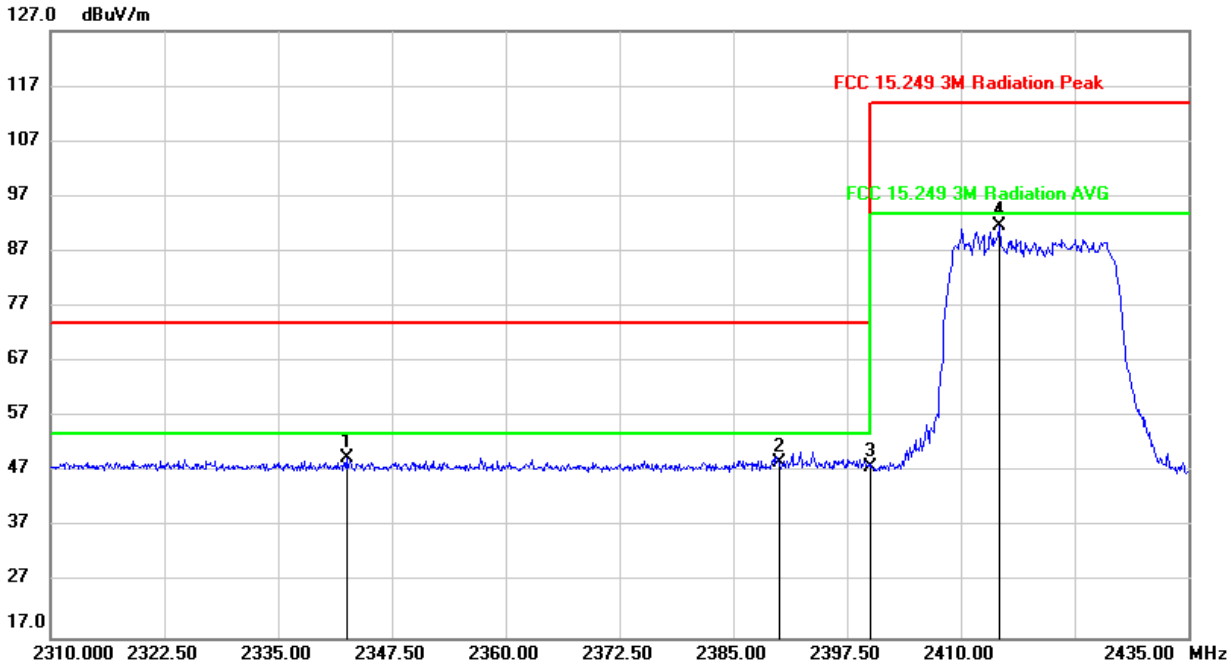
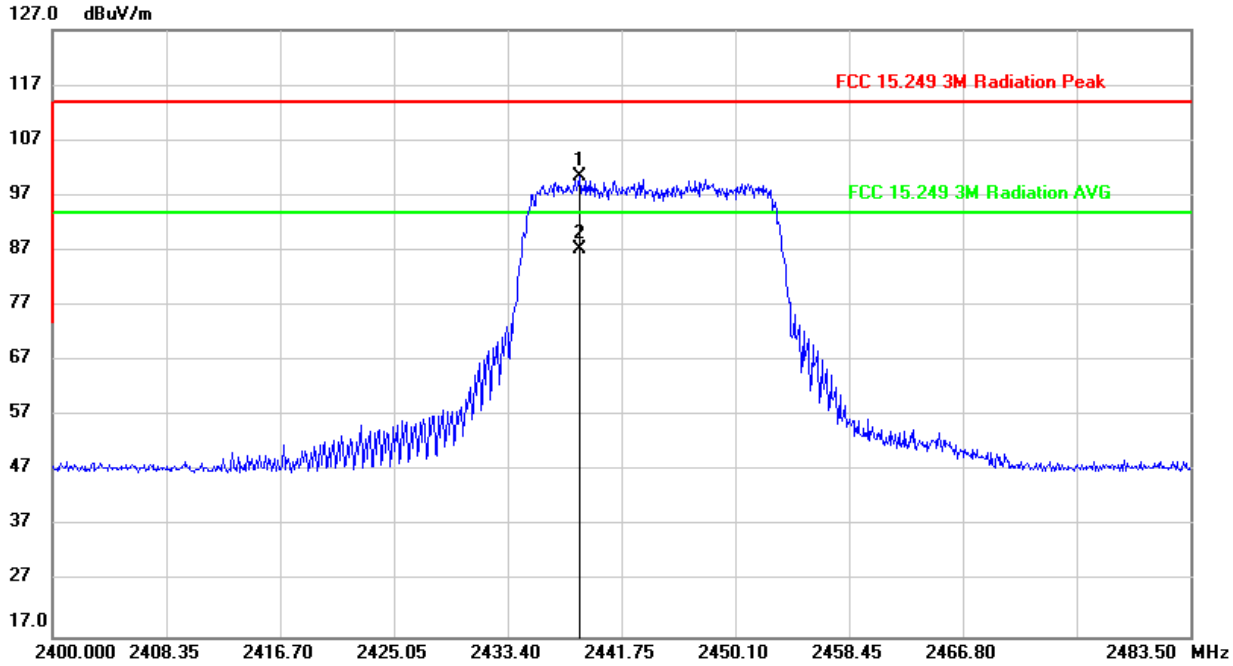
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2342.500	16.04	33.59	49.63	74.00	-24.37	peak
2	2390.000	15.47	33.24	48.71	74.00	-25.29	peak
3	2400.000	14.88	33.17	48.05	74.00	-25.95	peak
4	2414.250	58.45	33.09	91.54	114.00	-22.46	peak

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

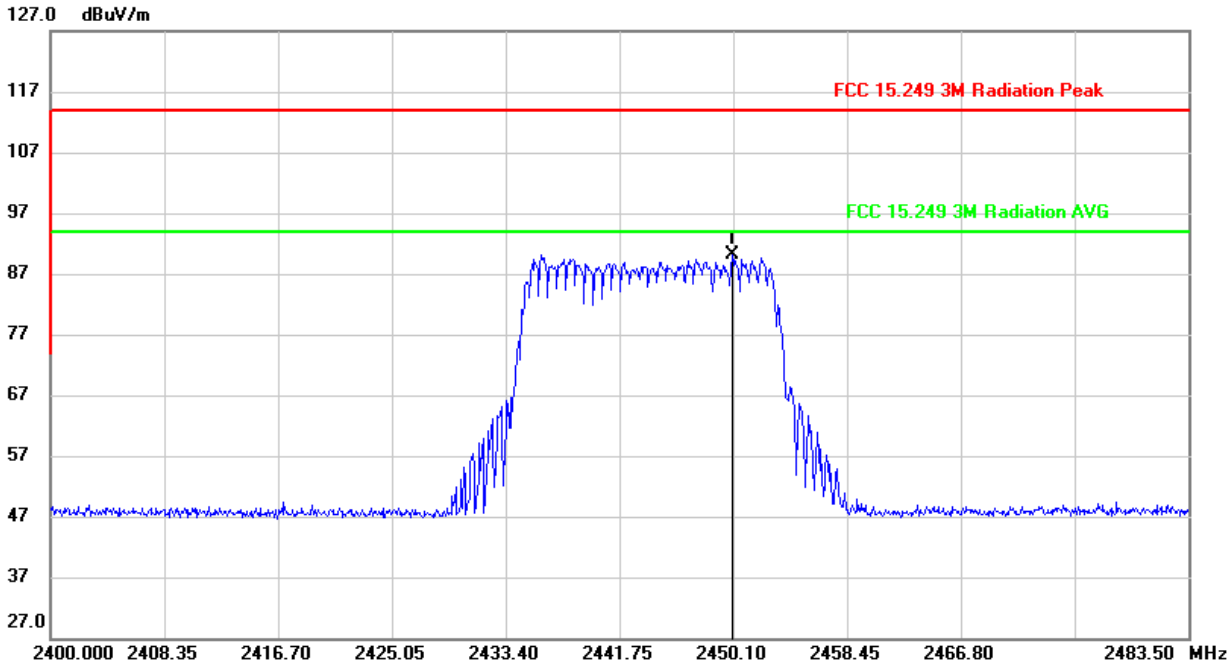
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2438.660	67.58	32.88	100.46	114.00	-13.54	peak
2	2438.660	54.45	32.88	87.33	94.00	-6.67	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.

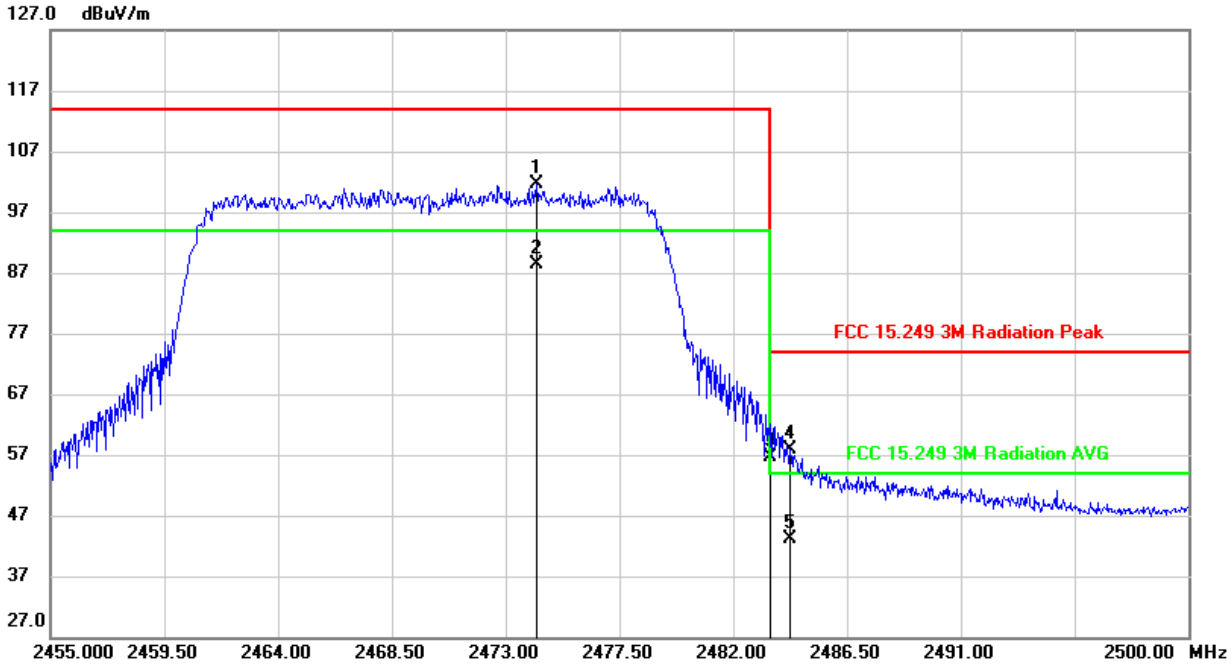
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2450.017	57.29	32.92	90.21	114.00	-23.79	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.

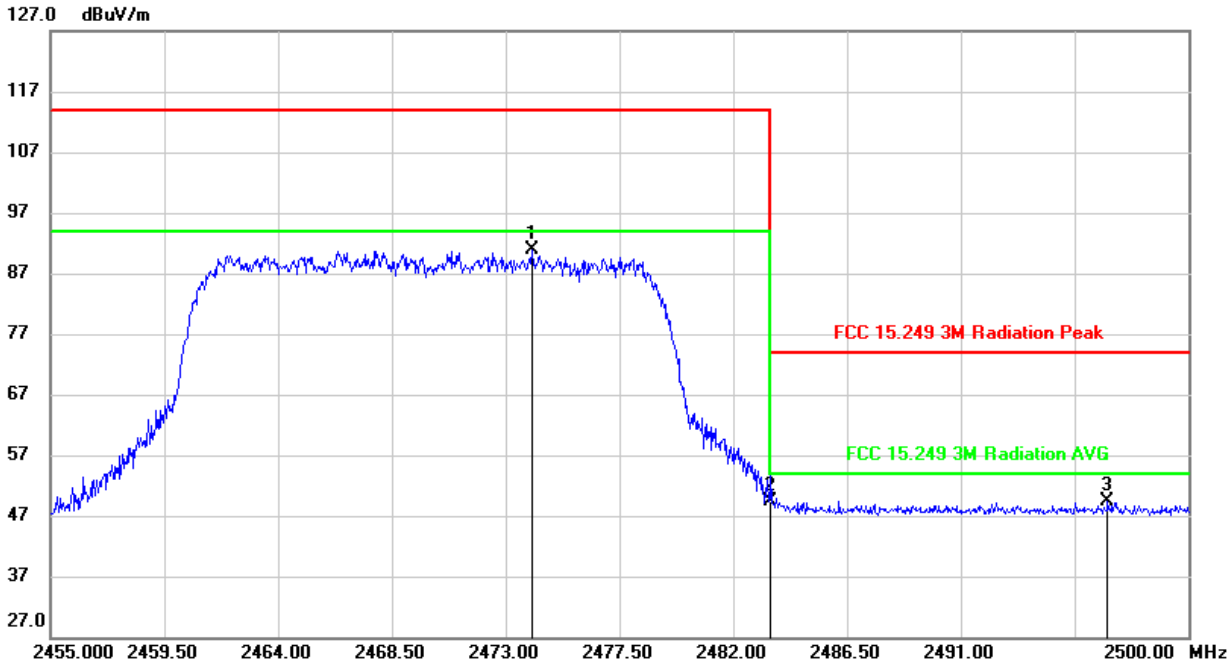
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2474.215	68.78	32.79	101.57	114.00	-12.43	peak
2	2474.215	55.69	32.79	88.48	94.00	-5.52	AVG
3	2483.500	23.88	32.78	56.66	74.00	-17.34	peak
4	2484.250	25.09	32.78	57.87	74.00	-16.13	peak
5	2484.250	10.33	32.78	43.11	54.00	-10.89	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)

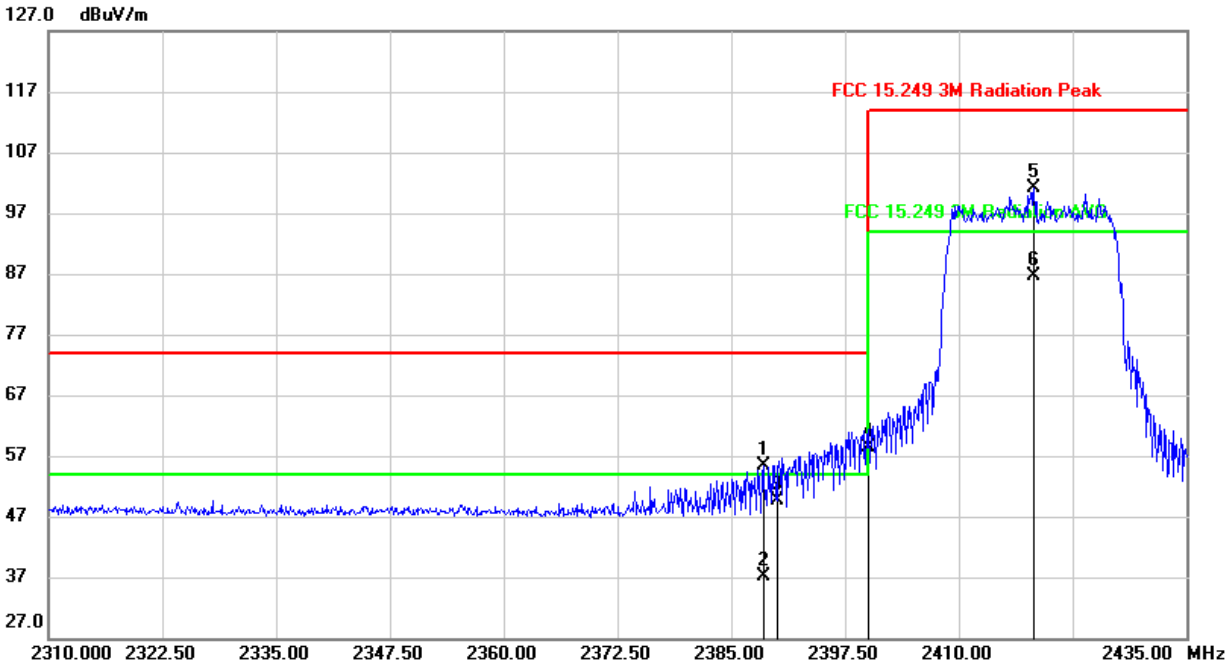


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2474.035	57.87	32.89	90.76	114.00	-23.24	peak
2	2483.500	16.56	32.88	49.44	74.00	-24.56	peak
3	2496.805	16.43	32.88	49.31	74.00	-24.69	peak

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. AVG: VBW=1/Ton where: ton is transmit duration.
5. For transmit duration, please refer to clause 6.1.

OFDM 20MHz Bandwidth Mode

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2388.500	22.26	33.15	55.41	74.00	-18.59	peak
2	2388.500	3.92	33.15	37.07	54.00	-16.93	AVG
3	2390.000	16.51	33.14	49.65	74.00	-24.35	peak
4	2400.000	25.25	33.07	58.32	74.00	-15.68	peak
5	2418.250	68.24	32.98	101.22	114.00	-12.78	peak
6	2418.250	53.54	32.98	86.52	94.00	-7.48	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.

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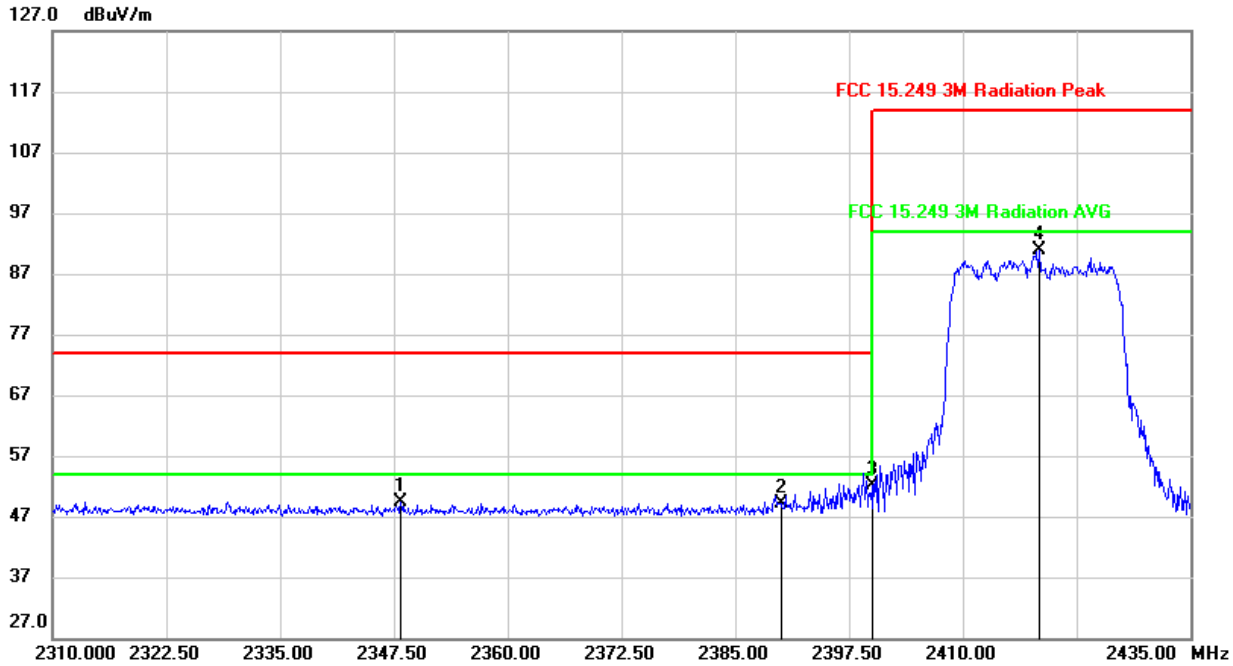
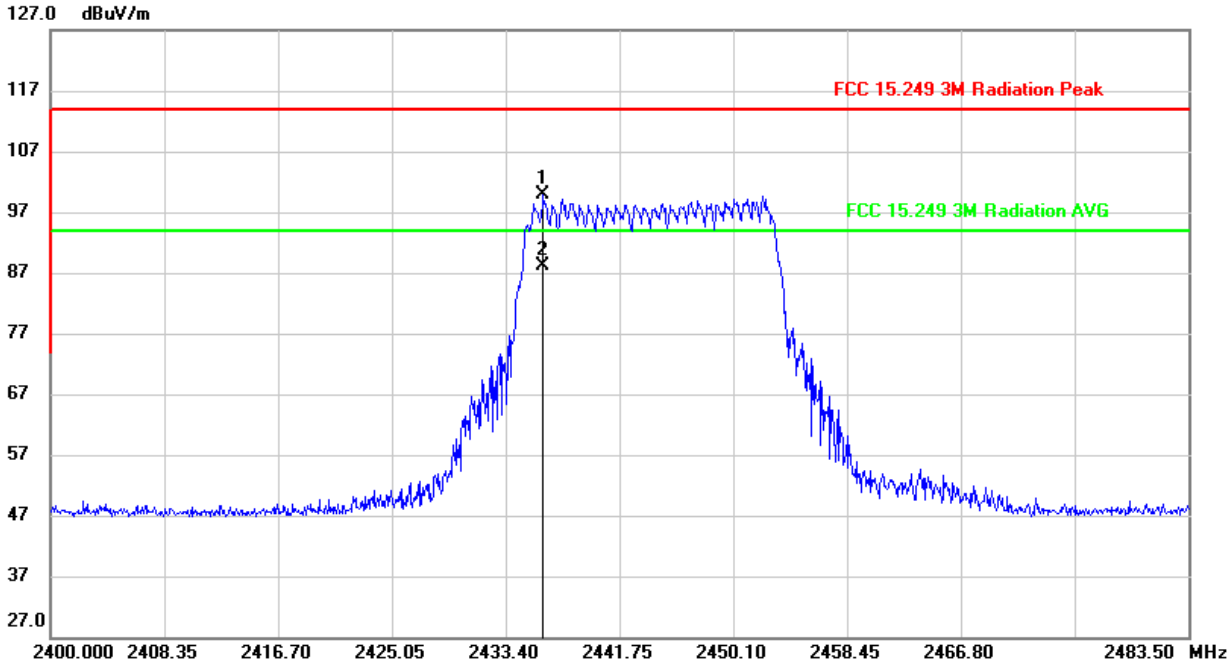
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2348.250	15.84	33.55	49.39	74.00	-24.61	peak
2	2390.000	15.96	33.24	49.20	74.00	-24.80	peak
3	2400.000	18.94	33.17	52.11	74.00	-21.89	peak
4	2418.375	57.86	33.08	90.94	114.00	-23.06	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.

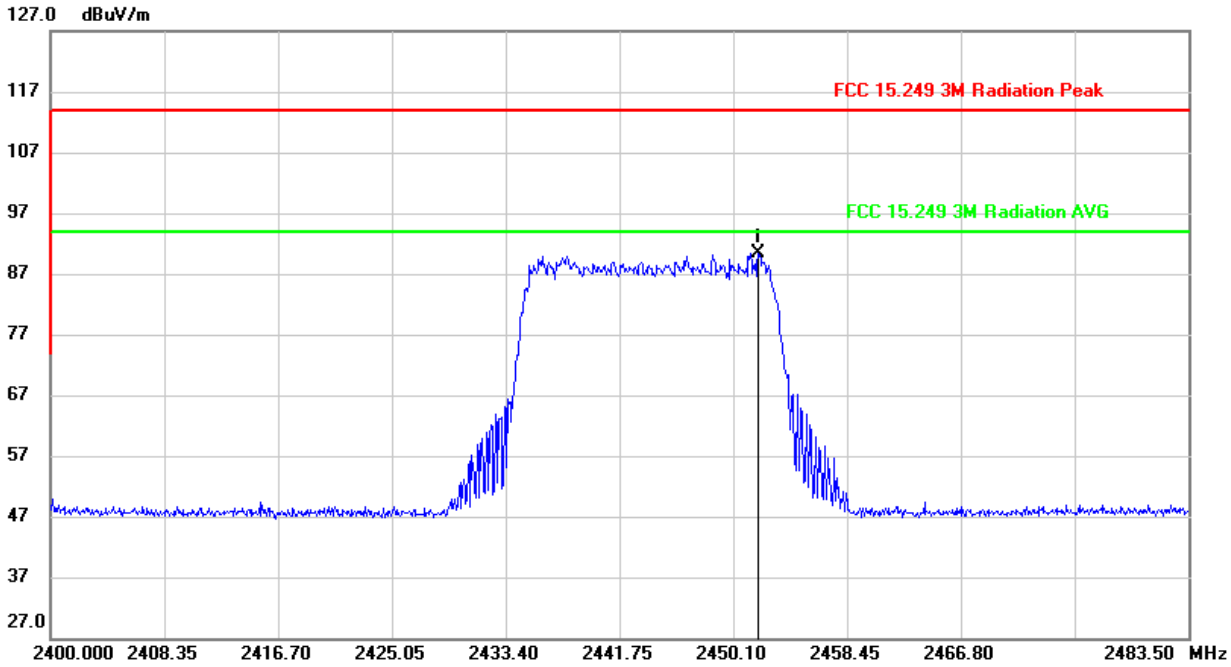
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2436.155	66.93	32.89	99.82	114.00	-14.18	peak
2	2436.155	55.14	32.89	88.03	94.00	-5.97	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.

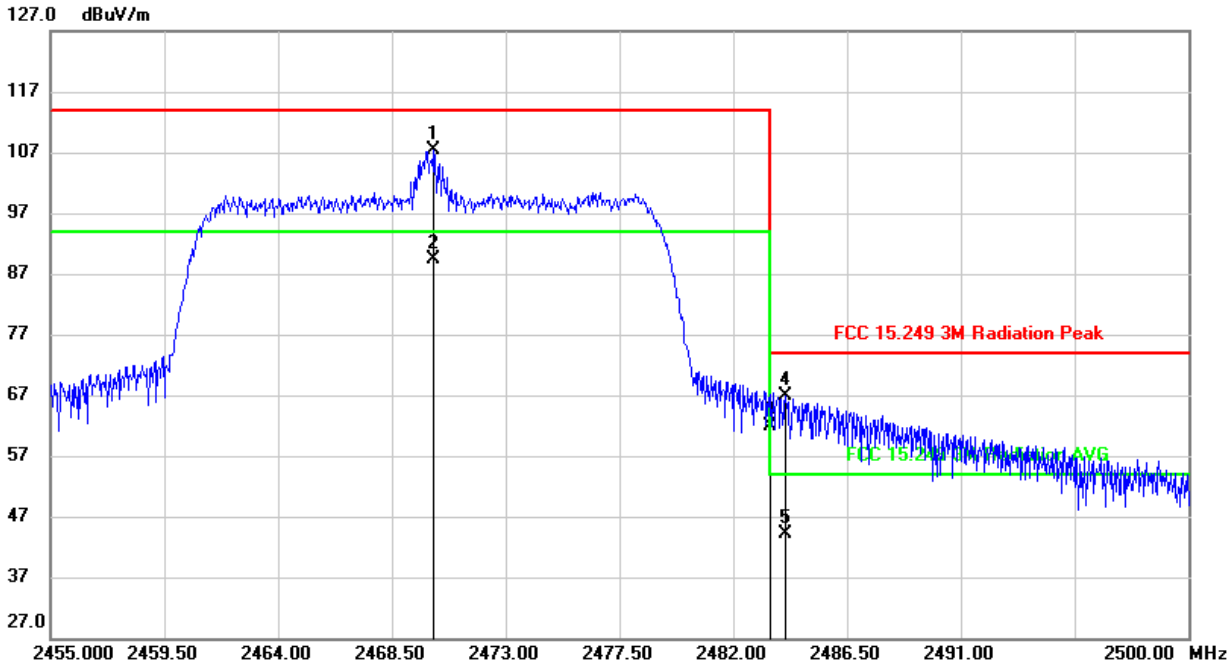
FIELD STRENGTH OF INTENTIONAL EMISSIONS (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2451.937	57.49	32.92	90.41	114.00	-23.59	peak

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

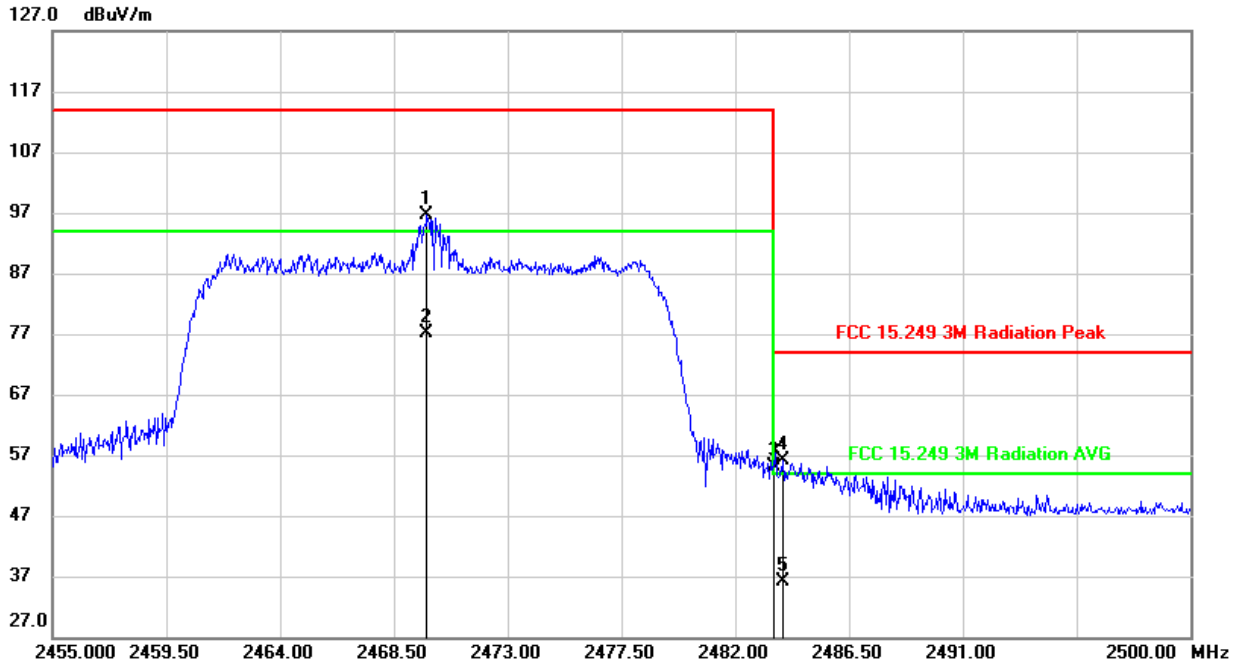
RESTRICTED BANDEDGE AND FIELD STRENGTH OF INTENTIONAL EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2470.165	74.50	32.80	107.30	114.00	-6.70	peak
2	2470.165	56.62	32.80	89.42	94.00	-4.58	AVG
3	2483.500	29.03	32.78	61.81	74.00	-12.19	peak
4	2484.070	34.02	32.78	66.80	74.00	-7.20	peak
5	2484.070	11.32	32.78	44.10	54.00	-9.90	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	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	2469.805	63.79	32.90	96.69	114.00	-17.31	peak
2	2469.805	44.18	32.90	77.08	94.00	-16.92	AVG
3	2483.500	22.24	32.88	55.12	74.00	-18.88	peak
4	2483.890	23.30	32.88	56.18	74.00	-17.82	peak
5	2483.890	3.25	32.88	36.13	54.00	-17.87	AVG

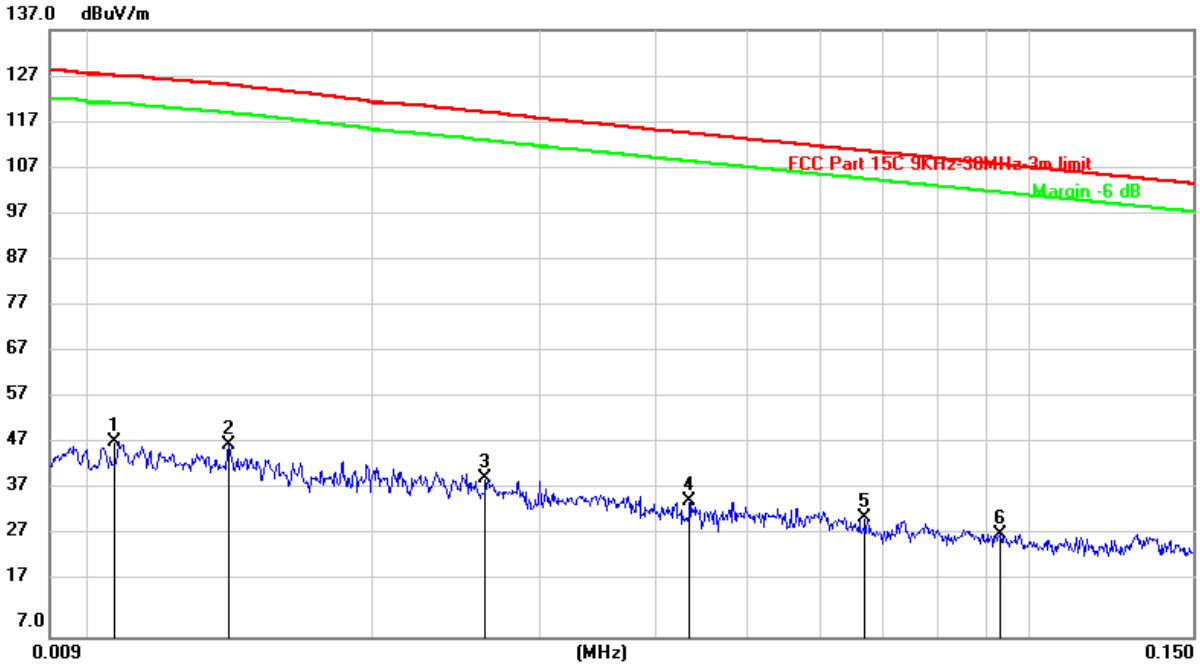
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: Average value = AVG (Detector) Reading + Correct (included DCCF).
5. DCCF: Duty Cycle Correction Factor, Please refer to clause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

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

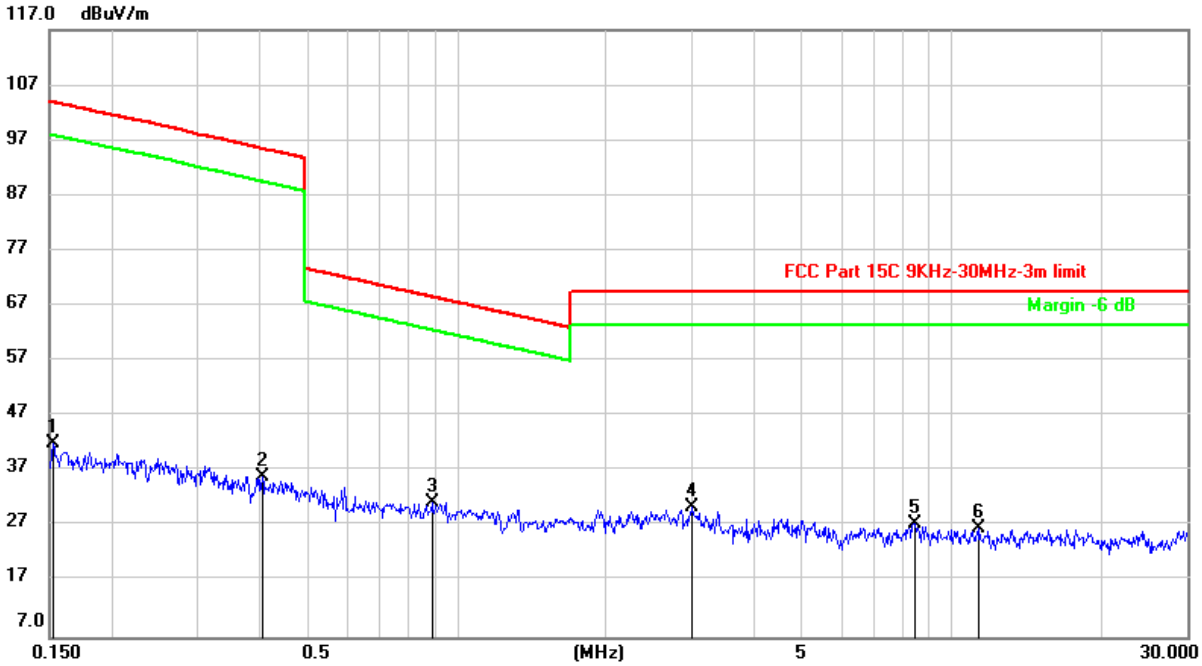
SPURIOUS EMISSIONS BELOW 150KHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency (KHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0106	28.48	20.22	48.70	127.24	-78.54	peak
2	0.0140	27.97	20.25	48.22	125.19	-76.97	peak
3	0.0263	20.75	20.31	41.06	119.36	-78.30	peak
4	0.0434	15.63	20.31	35.94	114.90	-78.96	peak
5	0.0670	12.21	20.31	32.52	111.10	-78.58	peak
6	0.0932	8.73	20.25	28.98	108.23	-79.25	peak

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

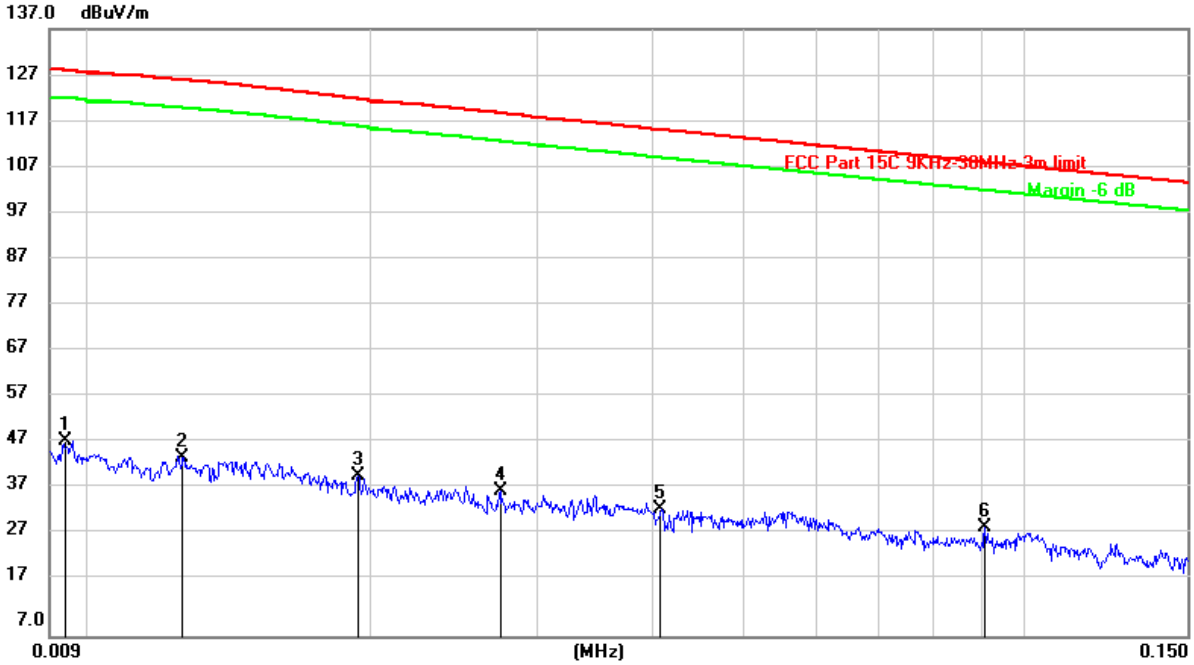
SPURIOUS EMISSIONS BELOW 30MHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1524	21.66	20.42	42.08	103.95	-61.87	peak
2	0.4040	15.73	20.27	36.00	95.48	-59.48	peak
3	0.8897	10.94	20.36	31.30	68.62	-37.32	peak
4	2.9935	9.70	20.90	30.60	69.54	-38.94	peak
5	8.4115	6.55	20.99	27.54	69.54	-42.00	peak
6	11.3771	5.65	21.02	26.67	69.54	-42.87	peak

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

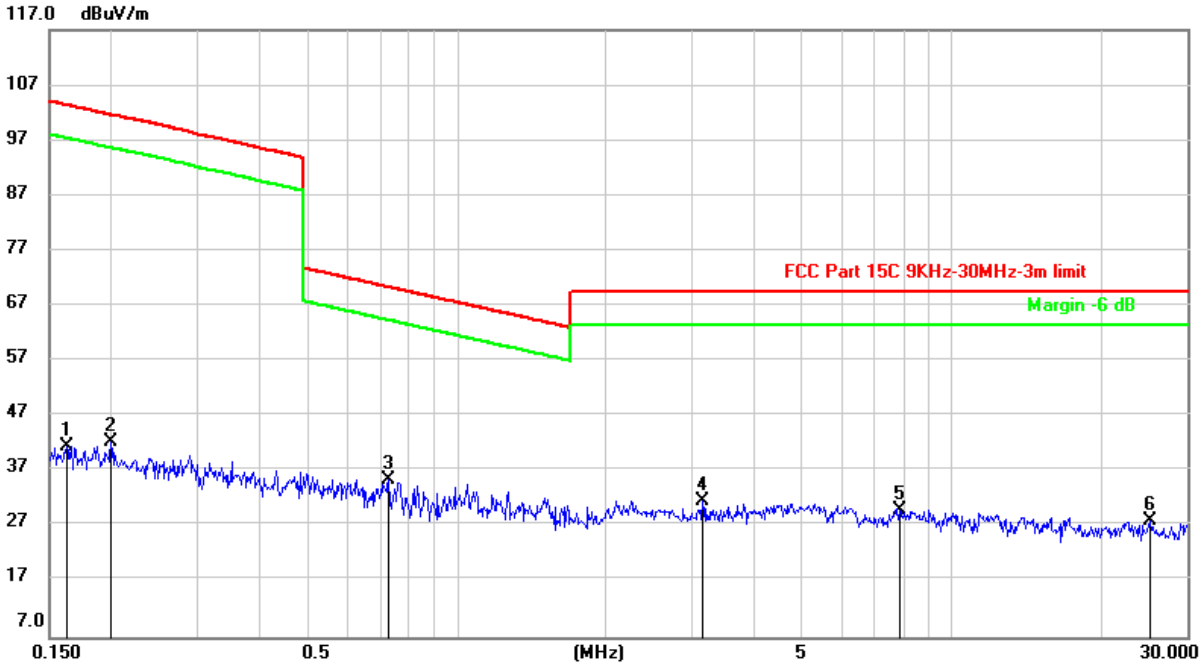
SPURIOUS EMISSIONS BELOW 150KHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(KHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	0.0094	28.40	20.26	48.66	128.06	-79.40	peak
2	0.0125	24.91	20.23	45.14	126.09	-80.95	peak
3	0.0193	20.96	20.30	41.26	122.00	-80.74	peak
4	0.0274	17.60	20.31	37.91	118.98	-81.07	peak
5	0.0408	13.93	20.31	34.24	115.40	-81.16	peak
6	0.0908	9.84	20.26	30.10	108.45	-78.35	peak

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

SPURIOUS EMISSIONS BELOW 30MHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	0.1621	21.11	20.41	41.52	103.41	-61.89	peak
2	0.1995	21.85	20.37	42.22	101.60	-59.38	peak
3	0.7273	15.25	20.34	35.59	70.38	-34.79	peak
4	3.1396	10.82	20.91	31.73	69.54	-37.81	peak
5	7.8516	9.00	20.96	29.96	69.54	-39.58	peak
6	25.1875	6.44	21.58	28.02	69.54	-41.52	peak

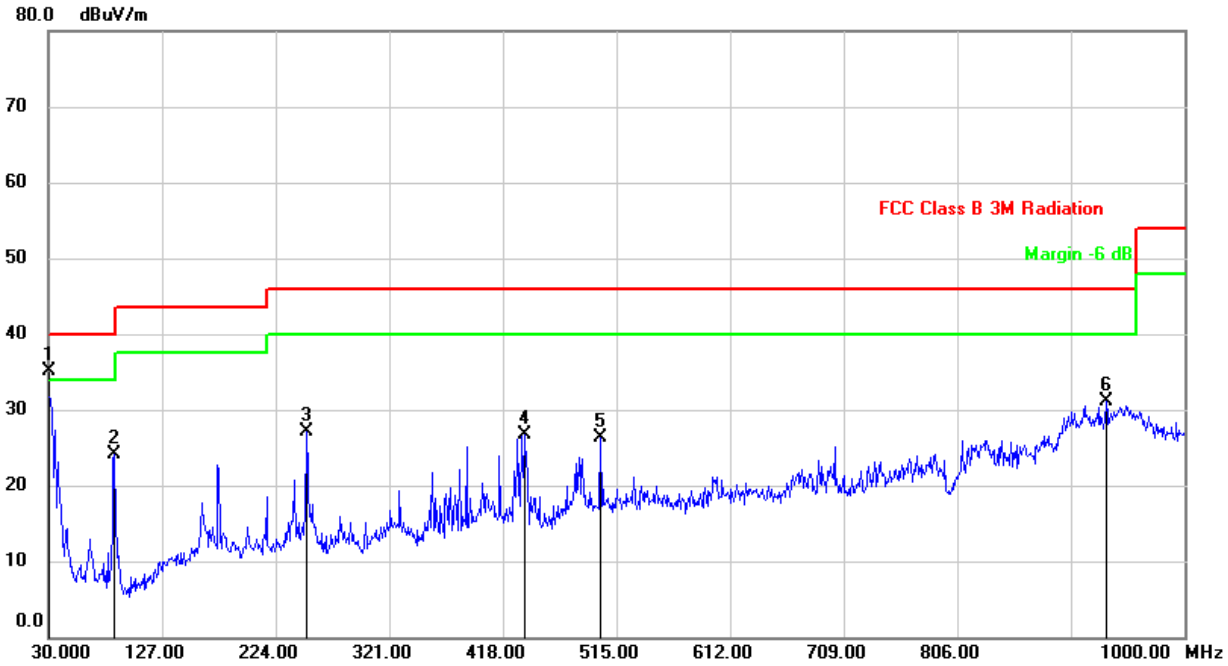
Note: 1. Measurement = Reading Level + Correct Factor.
2. Peak: Peak detector.

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

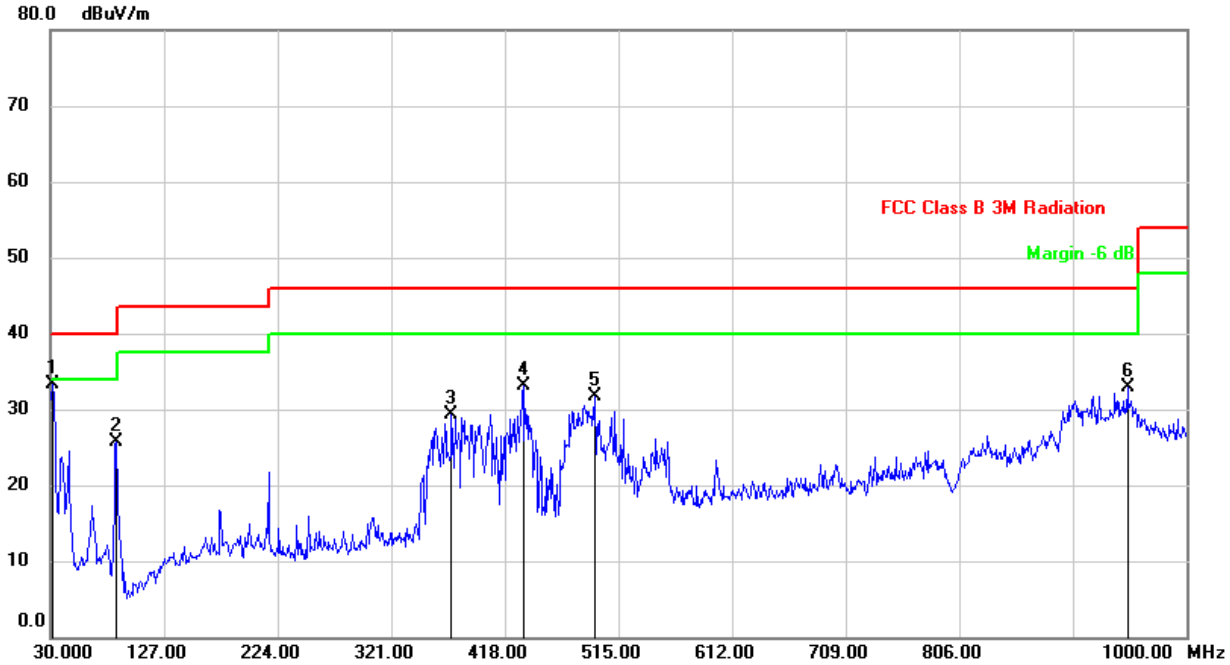
SPURIOUS EMISSIONS BELOW 1GHZ (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	30.0000	49.35	-14.33	35.02	40.00	-4.98	QP
2	86.2600	42.34	-18.15	24.19	40.00	-15.81	QP
3	250.1900	40.34	-13.31	27.03	46.00	-18.97	QP
4	436.4300	36.35	-9.73	26.62	46.00	-19.38	QP
5	501.4200	34.11	-7.82	26.29	46.00	-19.71	QP
6	933.0700	33.65	-2.57	31.08	46.00	-14.92	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	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	31.9400	47.83	-14.53	33.30	40.00	-6.70	QP
2	86.2600	43.94	-18.15	25.79	40.00	-14.21	QP
3	372.4100	39.68	-10.39	29.29	46.00	-16.71	QP
4	433.5200	42.69	-9.62	33.07	46.00	-12.93	QP
5	494.6300	39.90	-8.17	31.73	46.00	-14.27	QP
6	949.5600	6.70	26.13	32.83	46.00	-13.17	QP

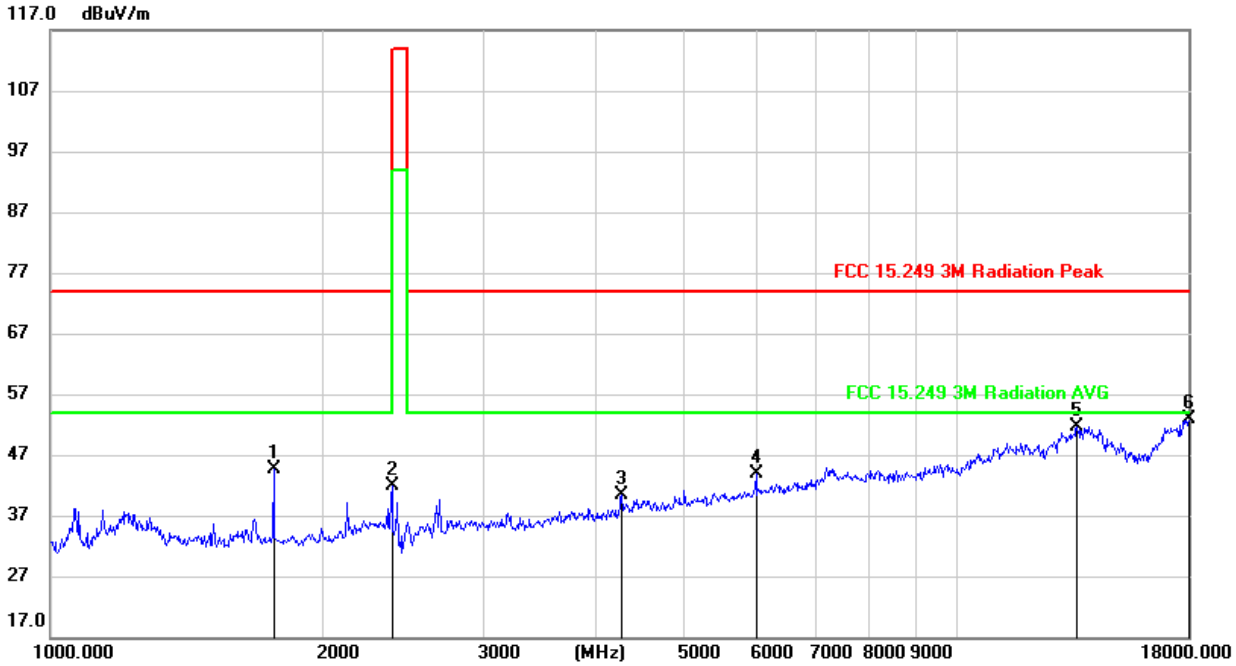
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss.
2. If Peak Result complies with QP limit, QP Result is deemed to comply with QP limit.
3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto

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

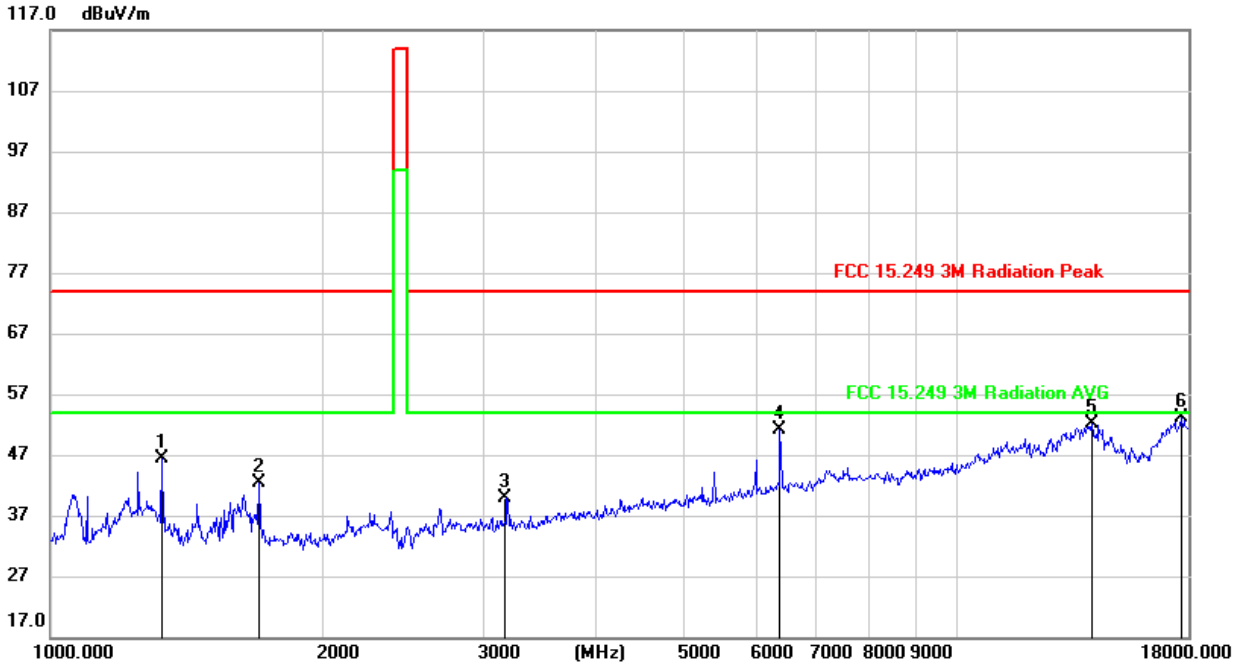
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1762.112	56.52	-11.89	44.63	74.00	-29.37	peak
2	2386.915	50.80	-8.90	41.90	74.00	-32.10	peak
3	4267.237	43.50	-3.24	40.26	74.00	-33.74	peak
4	6001.626	41.86	2.00	43.86	74.00	-30.14	peak
5	13559.879	32.77	18.85	51.62	74.00	-22.38	peak
6	18000.000	26.33	26.65	52.98	74.00	-21.02	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.

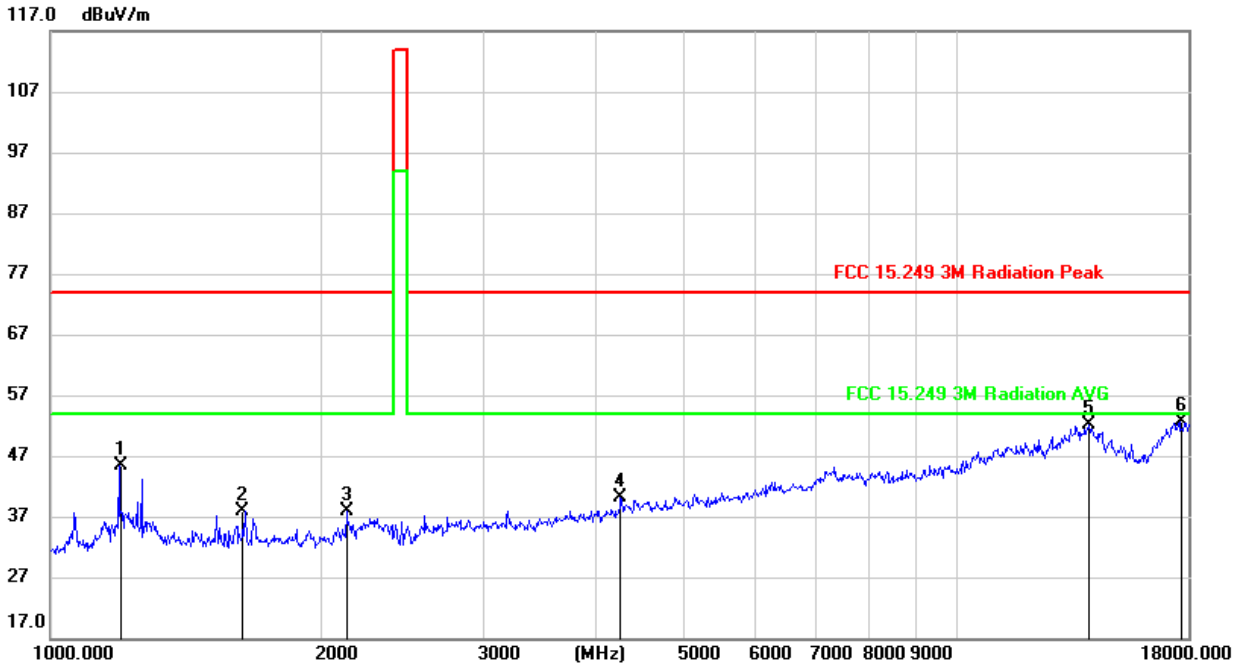
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1327.446	59.33	-12.90	46.43	74.00	-27.57	peak
2	1702.041	54.56	-12.17	42.39	74.00	-31.61	peak
3	3186.869	46.33	-6.38	39.95	74.00	-34.05	peak
4	6377.195	48.11	3.08	51.19	74.00	-22.81	peak
5	14079.082	33.35	18.81	52.16	74.00	-21.84	peak
6	17690.531	28.29	24.78	53.07	74.00	-20.93	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.

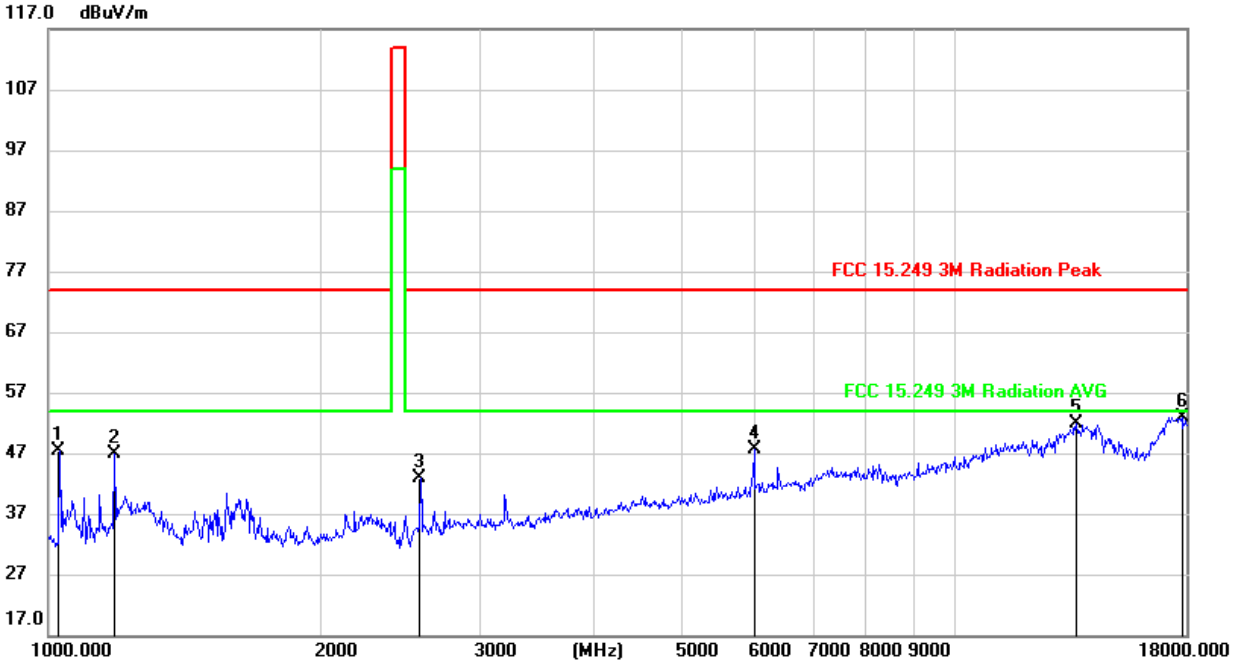
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1192.811	58.96	-13.52	45.44	74.00	-28.56	peak
2	1639.274	50.40	-12.45	37.95	74.00	-36.05	peak
3	2120.171	47.90	-9.95	37.95	74.00	-36.05	peak
4	4254.921	43.52	-3.31	40.21	74.00	-33.79	peak
5	13997.929	33.31	18.87	52.18	74.00	-21.82	peak
6	17639.473	28.90	23.73	52.63	74.00	-21.37	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.

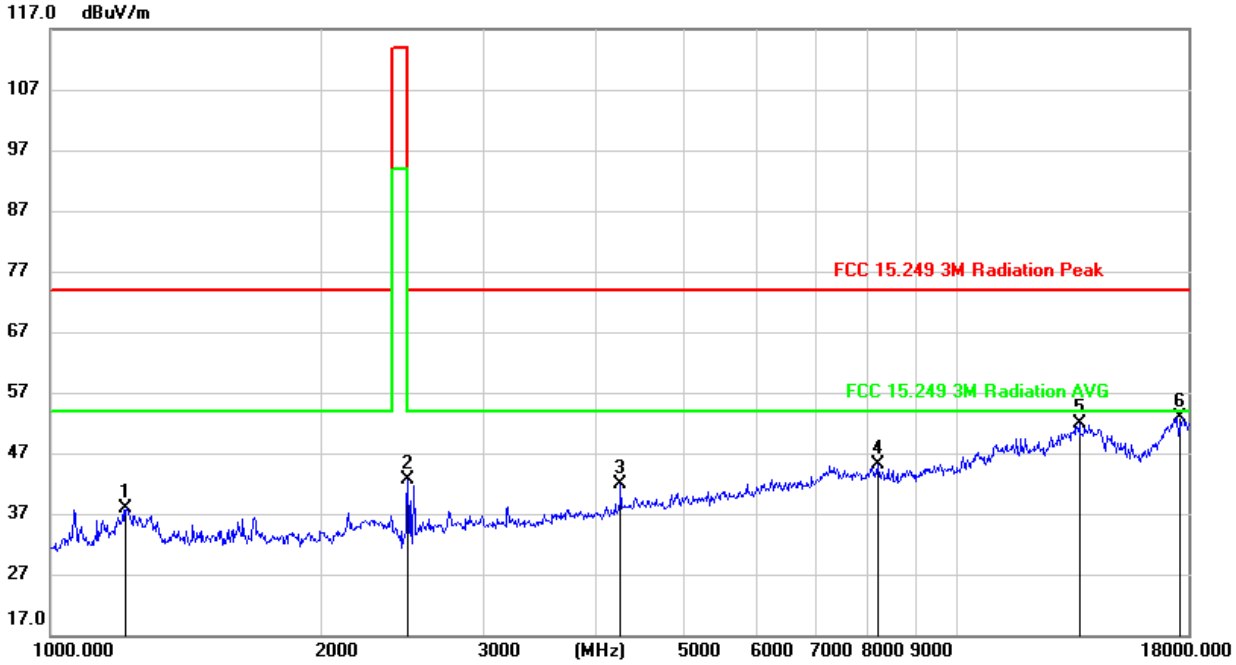
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1029.325	61.86	-14.47	47.39	74.00	-26.61	peak
2	1182.513	60.70	-13.71	46.99	74.00	-27.01	peak
3	2573.203	51.66	-8.90	42.76	74.00	-31.24	peak
4	6001.626	45.49	2.10	47.59	74.00	-26.41	peak
5	13599.128	32.93	18.85	51.78	74.00	-22.22	peak
6	17844.595	27.22	25.65	52.87	74.00	-21.13	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.

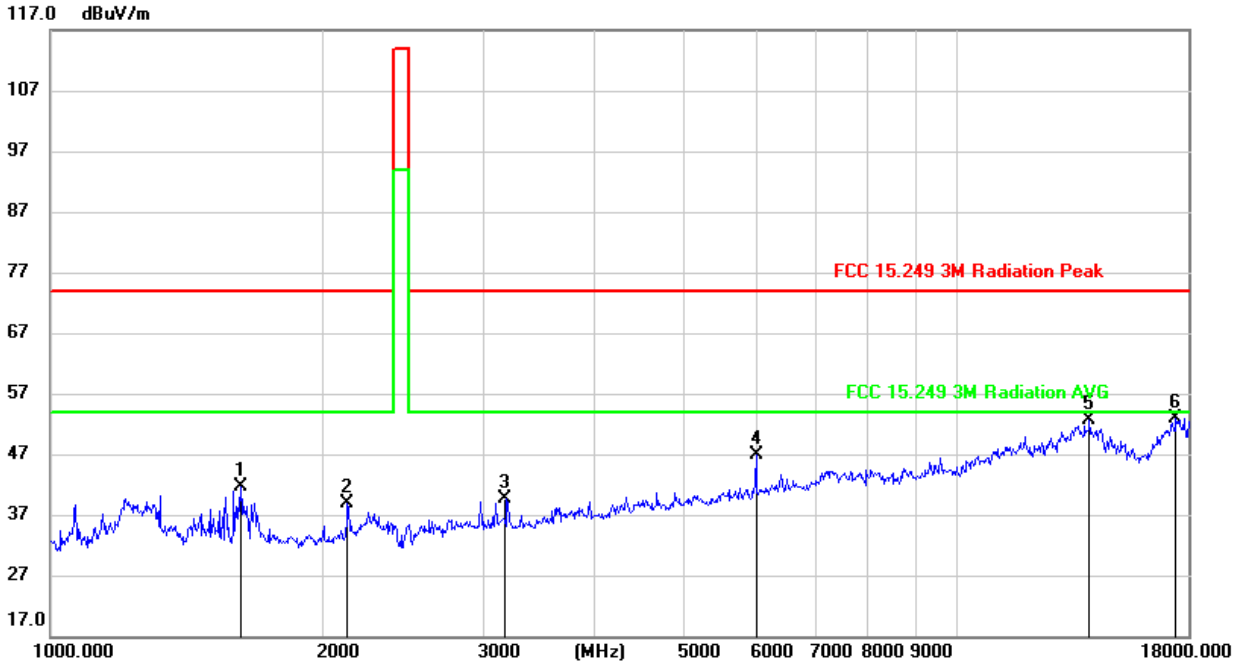
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1213.677	51.35	-13.41	37.94	74.00	-36.06	peak
2	2478.310	51.86	-9.21	42.65	114.00	-71.35	peak
3	4254.921	45.11	-3.31	41.80	74.00	-32.20	peak
4	8176.795	38.18	6.97	45.15	74.00	-28.85	peak
5	13638.492	32.89	18.90	51.79	74.00	-22.21	peak
6	17537.798	29.57	23.26	52.83	74.00	-21.17	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)

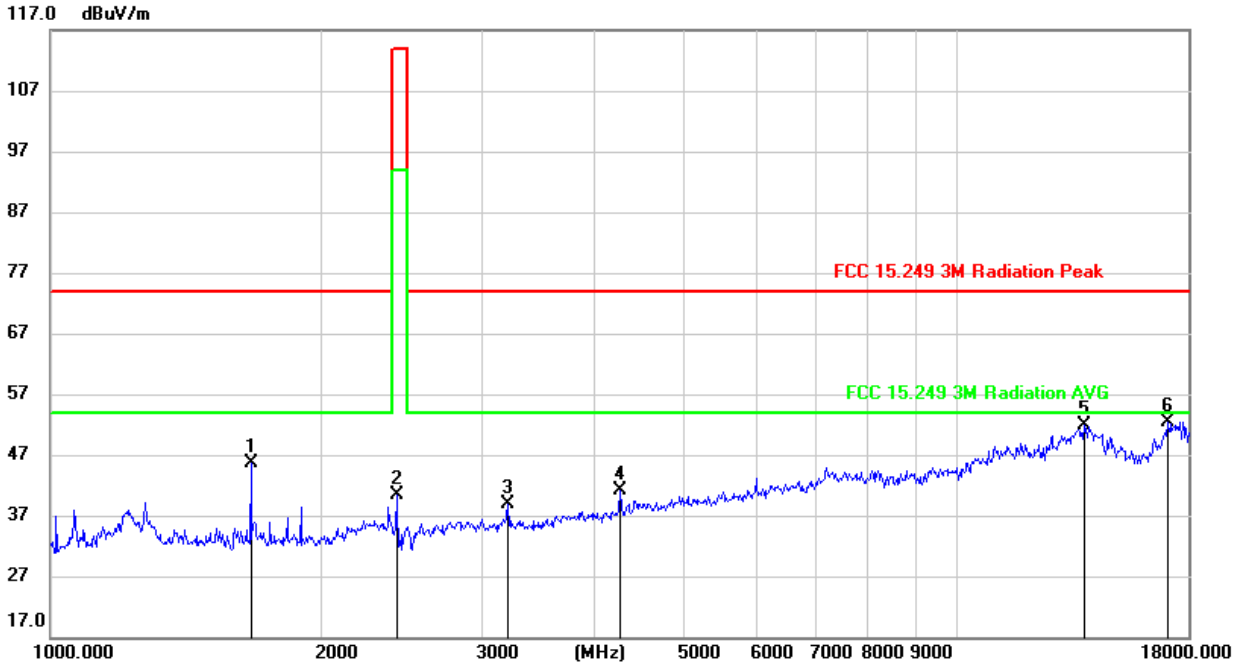


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1625.121	54.26	-12.54	41.72	74.00	-32.28	peak
2	2132.462	48.67	-9.88	38.79	74.00	-35.21	peak
3	3186.869	45.98	-6.38	39.60	74.00	-34.40	peak
4	6001.626	44.82	2.10	46.92	74.00	-27.08	peak
5	13997.929	33.58	18.97	52.55	74.00	-21.45	peak
6	17487.180	29.72	23.12	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.

16QAM 10MHz Bandwidth Mode

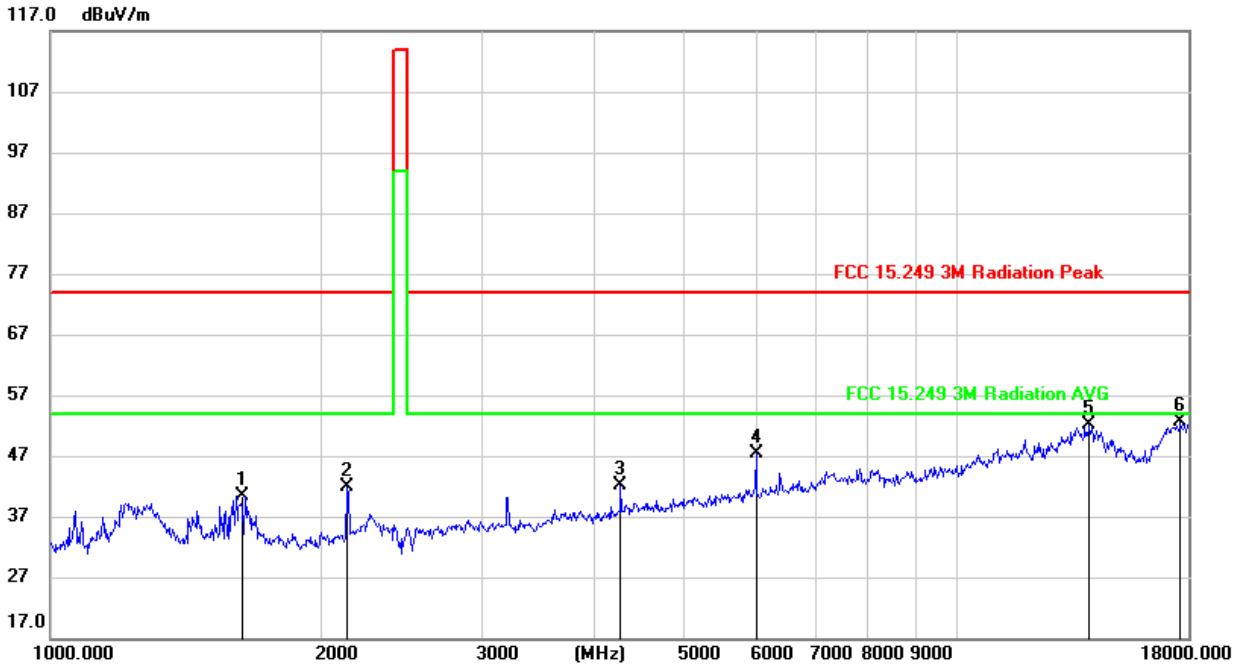
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1667.951	57.97	-12.31	45.66	74.00	-28.34	peak
2	2407.703	49.39	-9.02	40.37	114.00	-73.63	peak
3	3196.094	45.30	-6.36	38.94	74.00	-35.06	peak
4	4242.641	44.56	-3.37	41.19	74.00	-32.81	peak
5	13797.088	32.89	19.00	51.89	74.00	-22.11	peak
6	17087.464	31.46	21.02	52.48	74.00	-21.52	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.

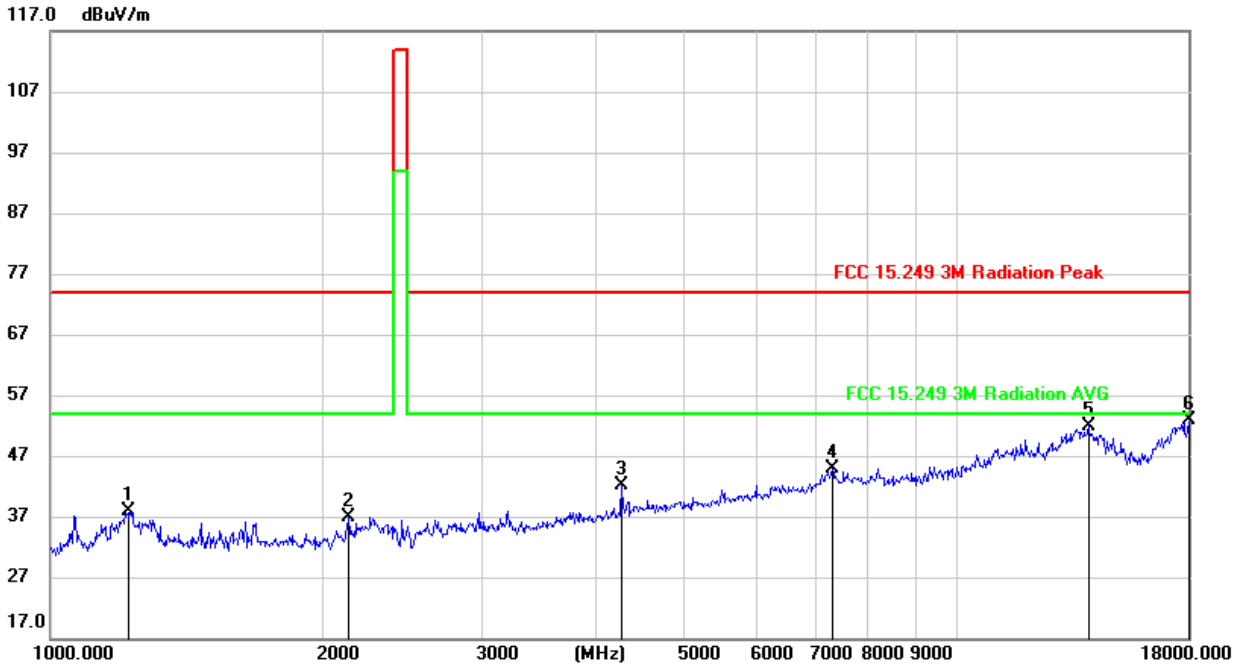
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1639.274	52.88	-12.45	40.43	74.00	-33.57	peak
2	2132.462	51.75	-9.88	41.87	74.00	-32.13	peak
3	4254.921	45.27	-3.21	42.06	74.00	-31.94	peak
4	6001.626	45.39	2.10	47.49	74.00	-26.51	peak
5	13997.929	33.12	18.97	52.09	74.00	-21.91	peak
6	17639.473	28.45	24.24	52.69	74.00	-21.31	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.

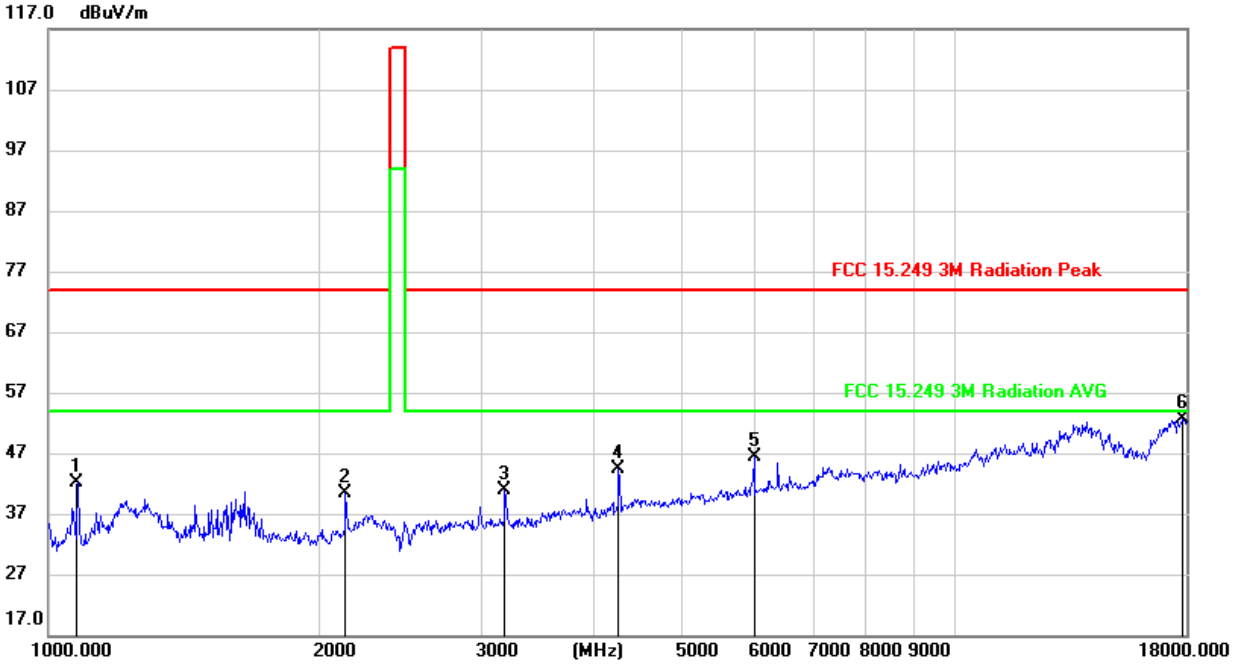
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1224.247	51.11	-13.34	37.77	74.00	-36.23	peak
2	2138.635	46.60	-9.71	36.89	74.00	-37.11	peak
3	4267.237	45.38	-3.24	42.14	74.00	-31.86	peak
4	7284.038	38.98	5.97	44.95	74.00	-29.05	peak
5	13957.529	33.05	18.95	52.00	74.00	-22.00	peak
6	18000.000	26.19	26.65	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.

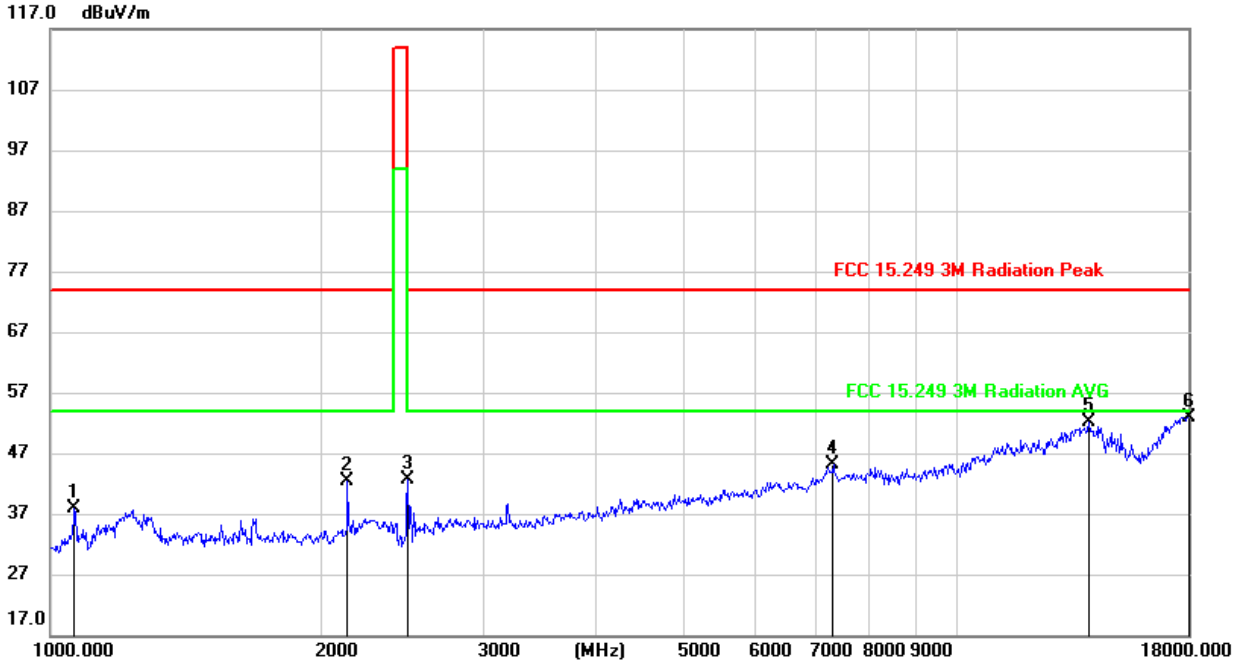
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1078.045	56.33	-14.32	42.01	74.00	-31.99	peak
2	2132.462	50.38	-9.88	40.50	74.00	-33.50	peak
3	3186.869	47.23	-6.38	40.85	74.00	-33.15	peak
4	4254.921	47.58	-3.21	44.37	74.00	-29.63	peak
5	6001.626	44.23	2.10	46.33	74.00	-27.67	peak
6	17793.092	26.45	26.19	52.64	74.00	-21.36	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.

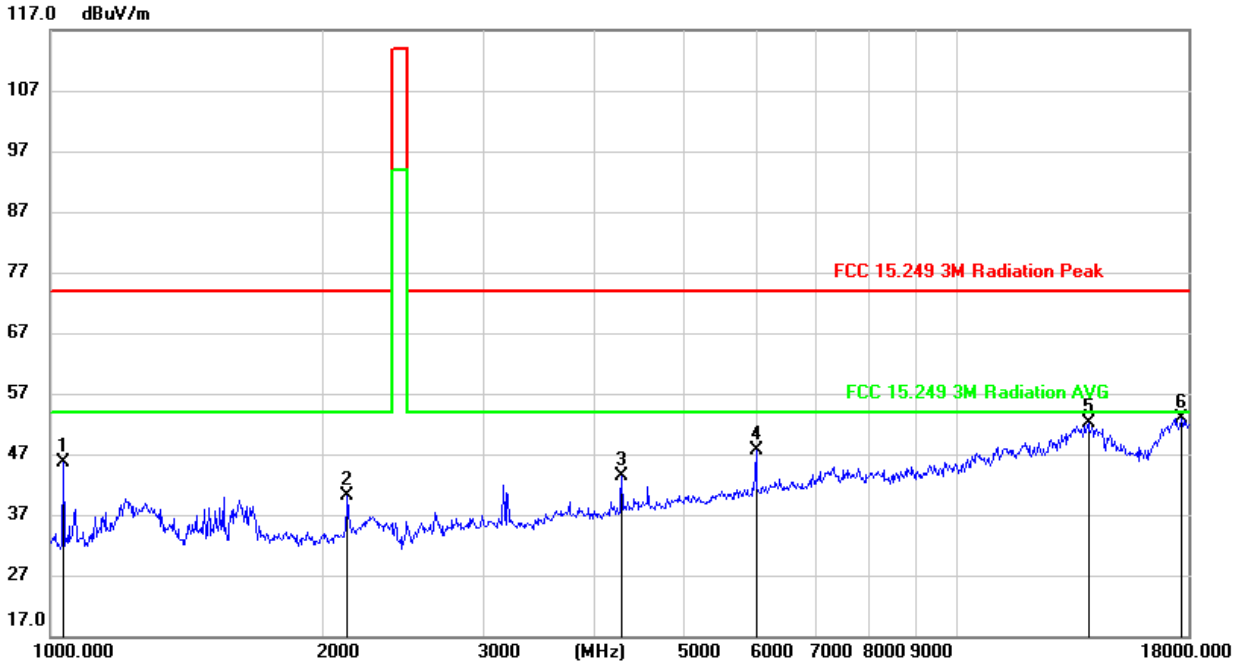
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1062.578	51.91	-14.07	37.84	74.00	-36.16	peak
2	2132.462	52.15	-9.78	42.37	74.00	-31.63	peak
3	2478.310	51.80	-9.21	42.59	114.00	-71.41	peak
4	7305.122	39.31	5.92	45.23	74.00	-28.77	peak
5	13957.529	33.18	18.95	52.13	74.00	-21.87	peak
6	18000.000	26.24	26.65	52.89	74.00	-21.11	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)

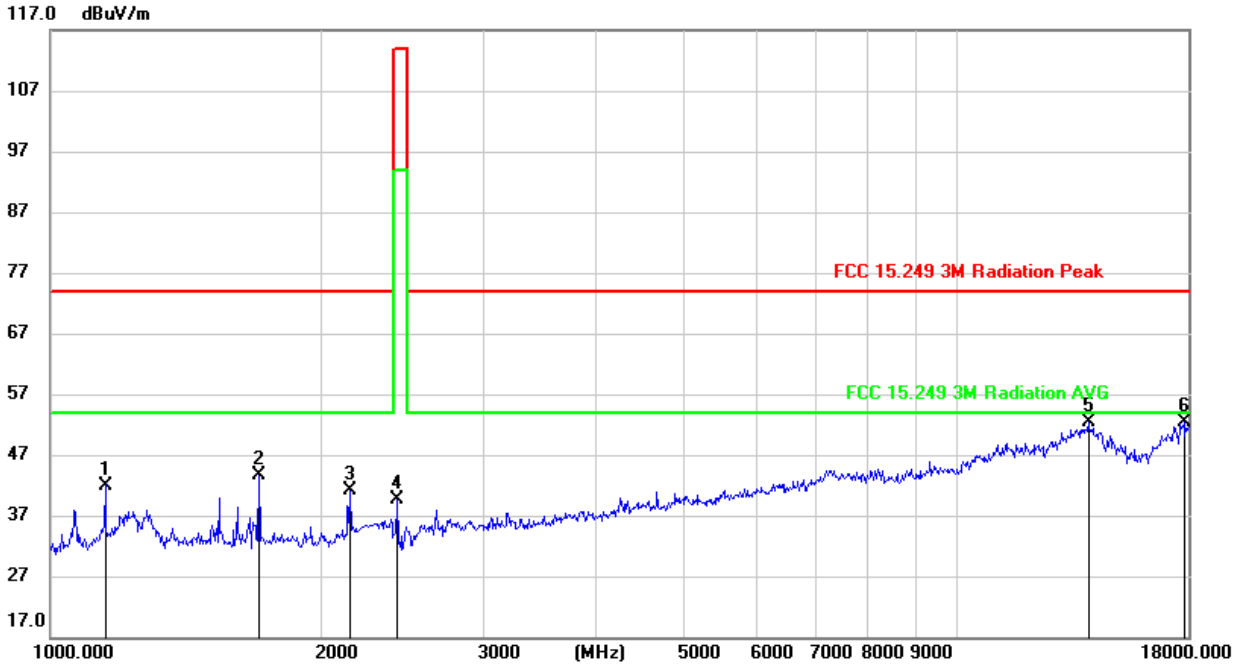


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1032.305	60.01	-14.47	45.54	74.00	-28.46	peak
2	2132.462	50.11	-9.88	40.23	74.00	-33.77	peak
3	4267.237	46.58	-3.14	43.44	74.00	-30.56	peak
4	6001.626	45.51	2.10	47.61	74.00	-26.39	peak
5	13957.529	33.04	19.05	52.09	74.00	-21.91	peak
6	17690.531	28.11	24.78	52.89	74.00	-21.11	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

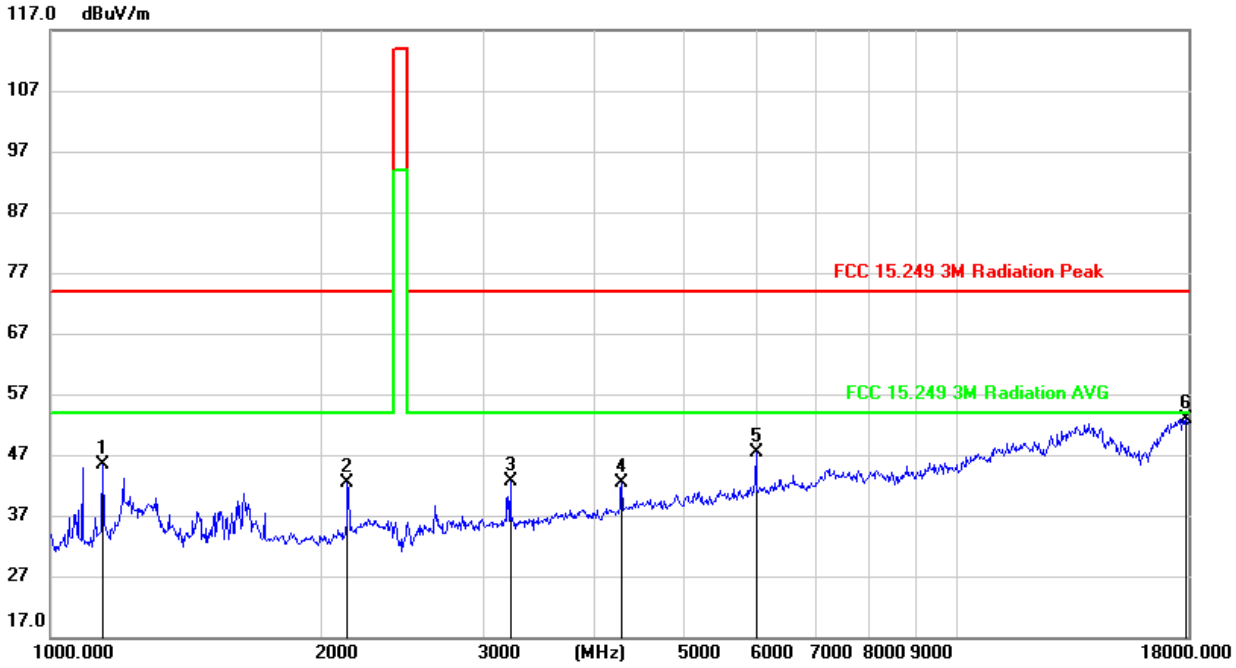
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1148.823	55.78	-13.78	42.00	74.00	-32.00	peak
2	1702.041	55.83	-12.17	43.66	74.00	-30.34	peak
3	2144.825	50.64	-9.61	41.03	74.00	-32.97	peak
4	2414.672	48.61	-9.06	39.55	114.00	-74.45	peak
5	13957.529	33.45	18.95	52.40	74.00	-21.60	peak
6	17793.092	26.66	25.79	52.45	74.00	-21.55	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.

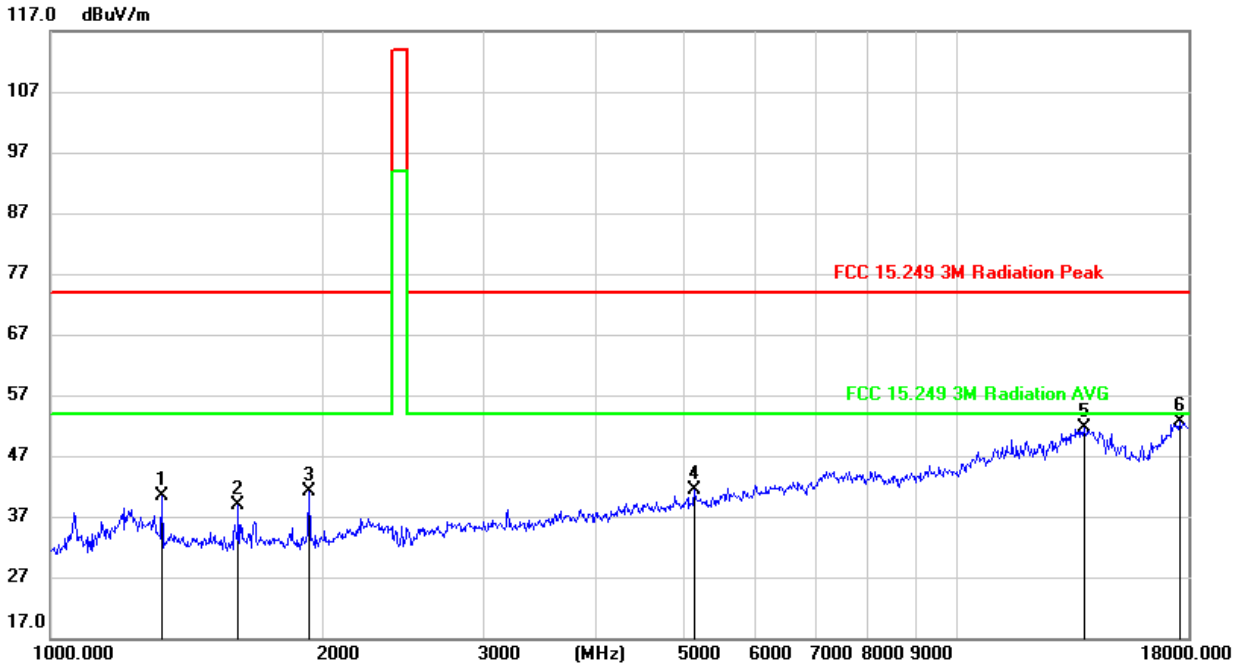
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1145.507	59.39	-14.00	45.39	74.00	-28.61	peak
2	2132.462	52.19	-9.88	42.31	74.00	-31.69	peak
3	3214.623	48.86	-6.33	42.53	74.00	-31.47	peak
4	4267.237	45.55	-3.14	42.41	74.00	-31.59	peak
5	6001.626	45.34	2.10	47.44	74.00	-26.56	peak
6	17896.247	26.92	25.99	52.91	74.00	-21.09	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.

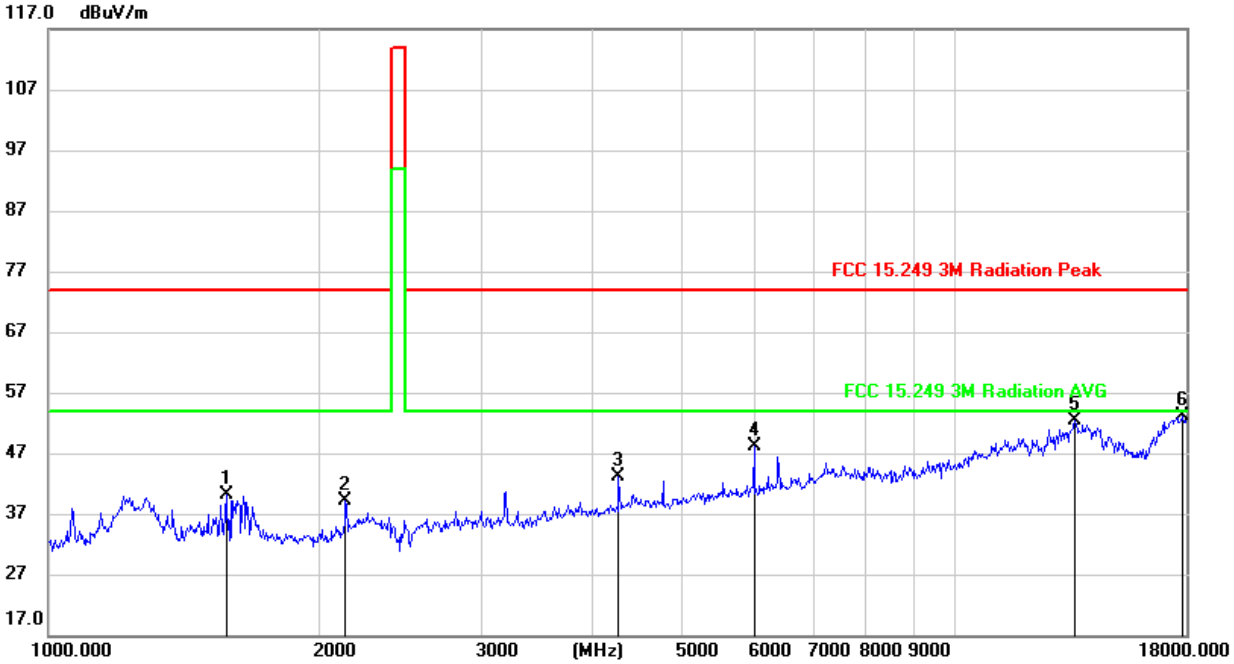
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1327.446	53.24	-12.77	40.47	74.00	-33.53	peak
2	1615.754	51.53	-12.60	38.93	74.00	-35.07	peak
3	1927.289	52.47	-11.42	41.05	74.00	-32.95	peak
4	5134.335	41.70	-0.30	41.40	74.00	-32.60	peak
5	13797.088	32.58	19.00	51.58	74.00	-22.42	peak
6	17639.473	28.97	23.73	52.70	74.00	-21.30	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.

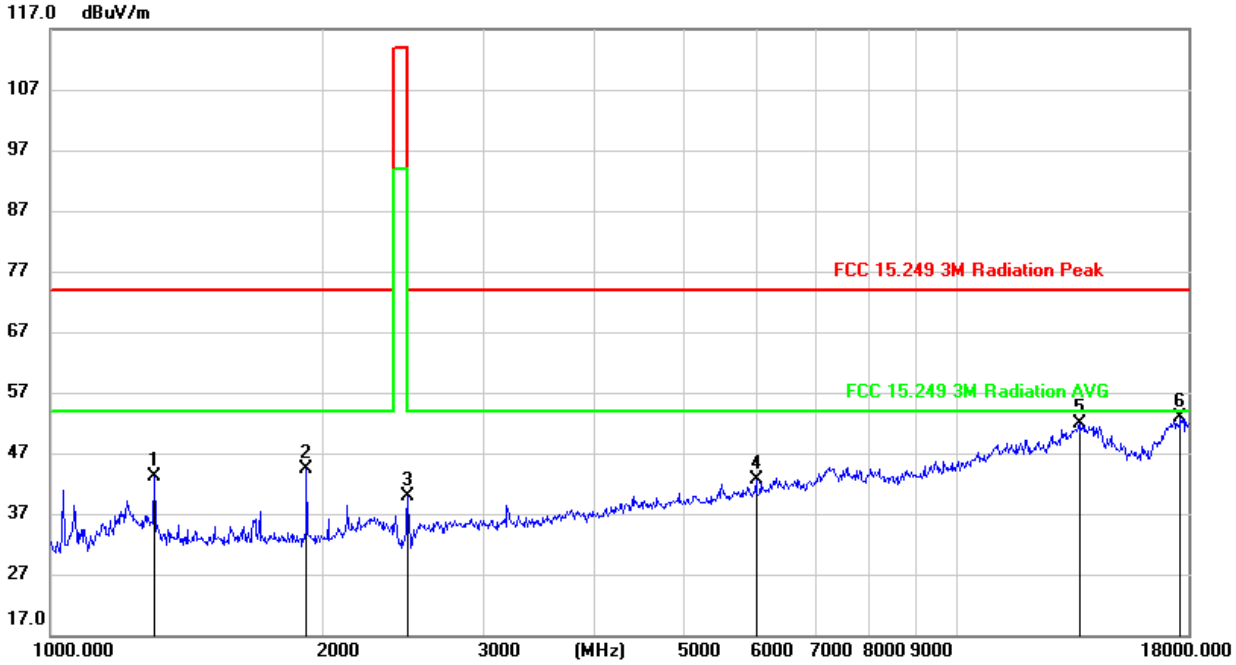
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1574.265	52.77	-12.76	40.01	74.00	-33.99	peak
2	2132.462	48.99	-9.88	39.11	74.00	-34.89	peak
3	4254.921	46.36	-3.21	43.15	74.00	-30.85	peak
4	6001.626	46.00	2.10	48.10	74.00	-25.90	peak
5	13559.879	33.06	19.29	52.35	74.00	-21.65	peak
6	17844.595	27.40	25.65	53.05	74.00	-20.95	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.

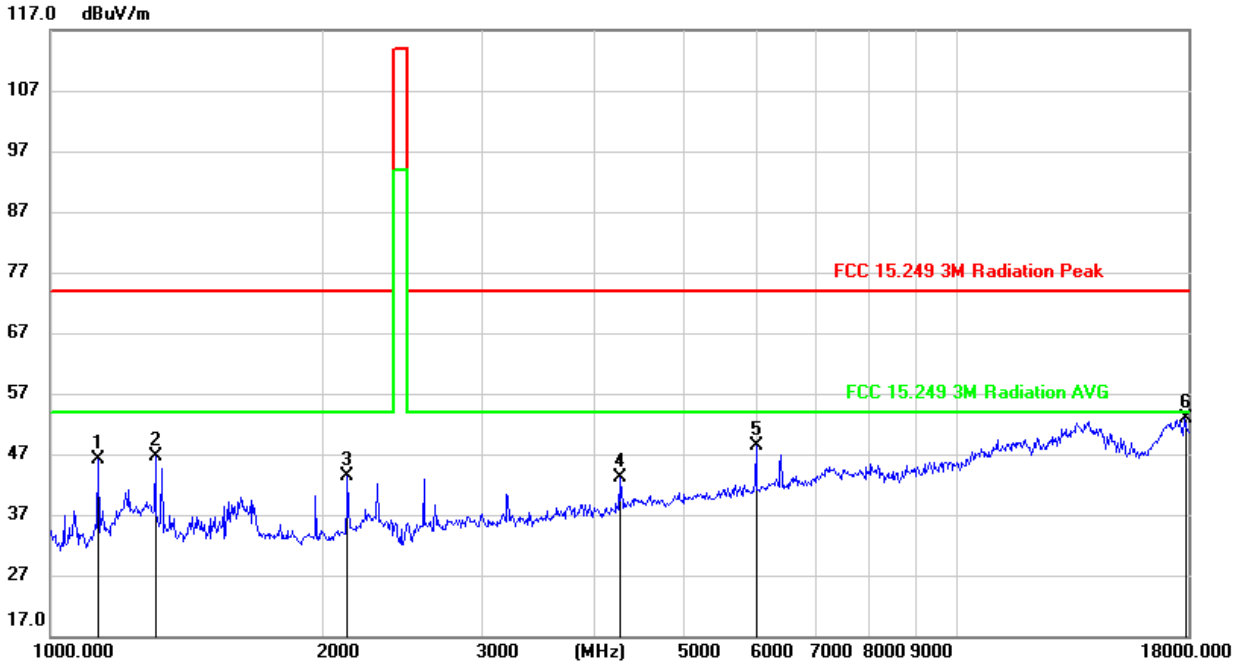
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1300.858	55.95	-12.73	43.22	74.00	-30.78	peak
2	1916.180	55.80	-11.44	44.36	74.00	-29.64	peak
3	2478.310	49.20	-9.21	39.99	114.00	-74.01	peak
4	6001.626	40.51	2.00	42.51	74.00	-31.49	peak
5	13638.492	33.08	18.90	51.98	74.00	-22.02	peak
6	17639.473	29.22	23.73	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, VERTICAL)

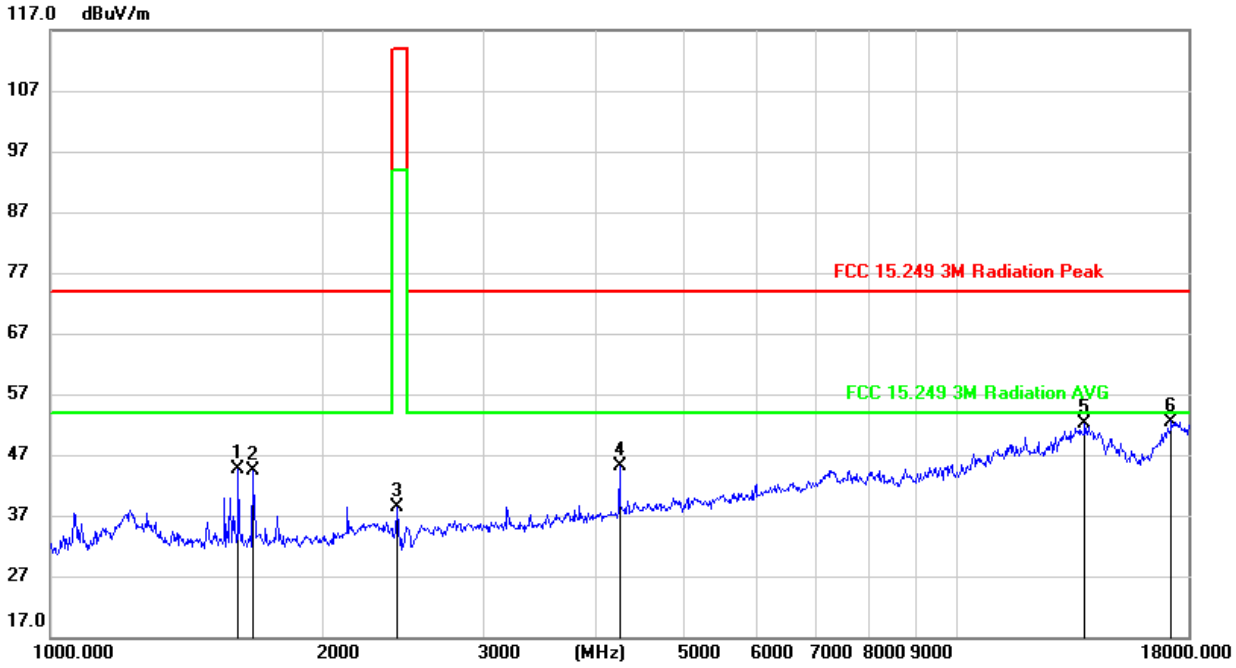


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1129.072	60.21	-14.09	46.12	74.00	-27.88	peak
2	1304.623	59.69	-13.01	46.68	74.00	-27.32	peak
3	2132.462	53.28	-9.88	43.40	74.00	-30.60	peak
4	4242.641	46.50	-3.27	43.23	74.00	-30.77	peak
5	6001.626	46.30	2.10	48.40	74.00	-25.60	peak
6	17896.247	26.87	25.99	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.

QPSK 20MHz Bandwidth Mode

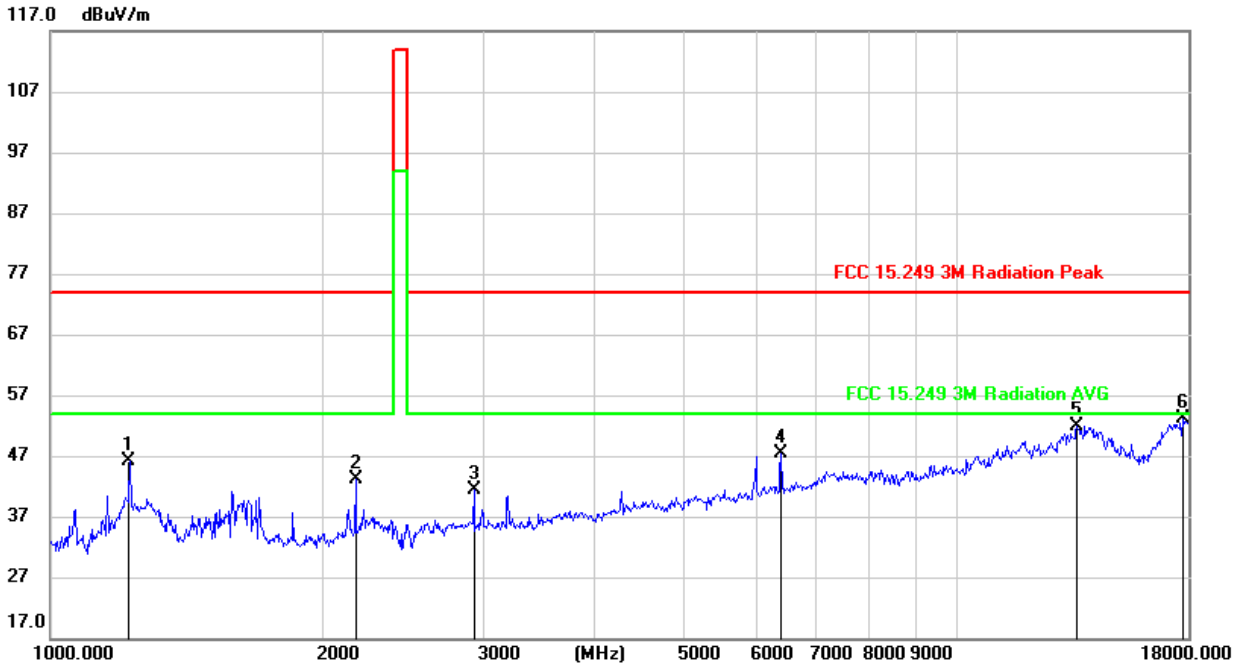
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1615.754	57.31	-12.60	44.71	74.00	-29.29	peak
2	1672.779	56.70	-12.29	44.41	74.00	-29.59	peak
3	2414.672	47.44	-9.06	38.38	114.00	-75.62	peak
4	4242.641	48.57	-3.37	45.20	74.00	-28.80	peak
5	13837.024	33.13	19.01	52.14	74.00	-21.86	peak
6	17236.275	30.84	21.66	52.50	74.00	-21.50	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.

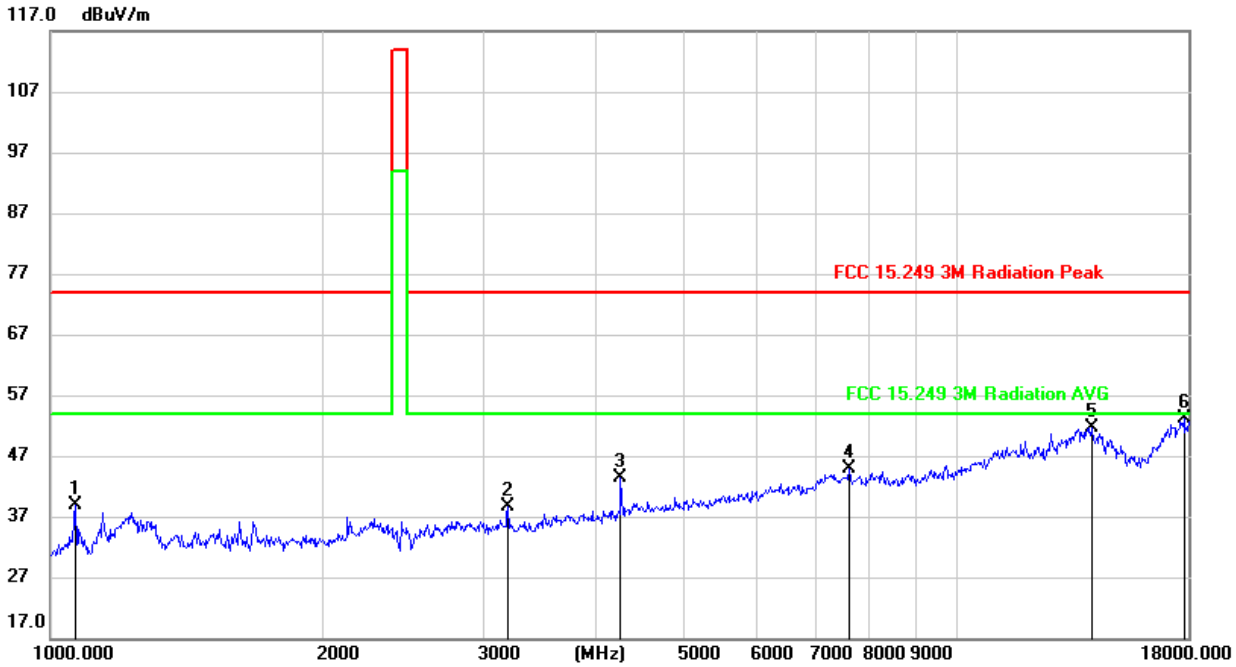
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1224.247	59.56	-13.35	46.21	74.00	-27.79	peak
2	2176.047	52.25	-9.24	43.01	74.00	-30.99	peak
3	2930.633	48.65	-7.16	41.49	74.00	-32.51	peak
4	6395.654	44.31	3.11	47.42	74.00	-26.58	peak
5	13559.879	32.62	19.29	51.91	74.00	-22.09	peak
6	17741.737	27.72	25.47	53.19	74.00	-20.81	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.

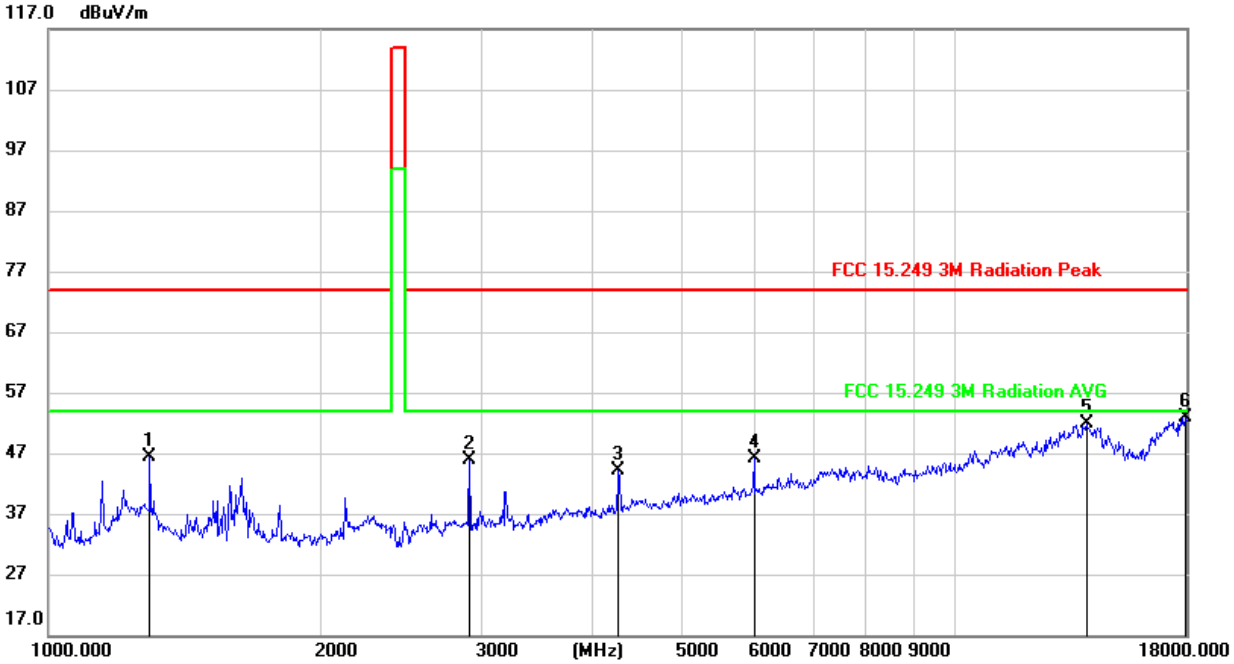
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1065.653	52.97	-14.06	38.91	74.00	-35.09	peak
2	3196.094	44.91	-6.36	38.55	74.00	-35.45	peak
3	4254.921	46.63	-3.31	43.32	74.00	-30.68	peak
4	7606.788	38.69	6.23	44.92	74.00	-29.08	peak
5	14079.082	32.85	18.85	51.70	74.00	-22.30	peak
6	17793.092	27.24	25.79	53.03	74.00	-20.97	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.

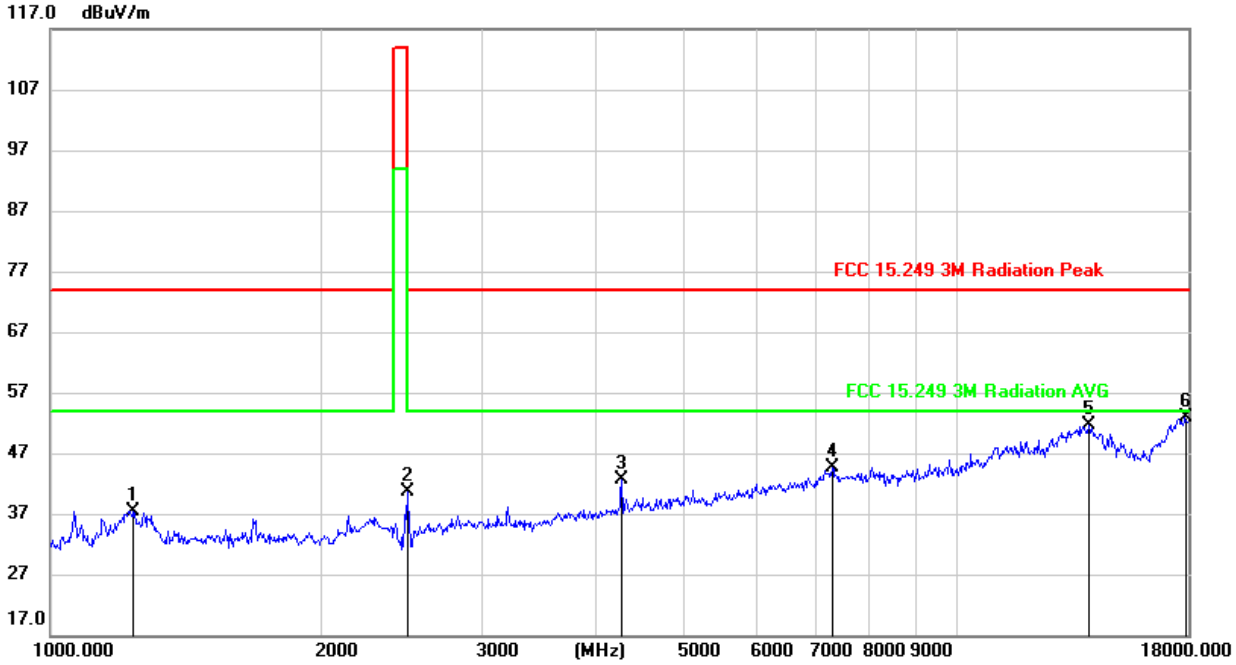
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1297.103	59.33	-13.03	46.30	74.00	-27.70	peak
2	2913.740	52.97	-7.16	45.81	74.00	-28.19	peak
3	4254.921	47.41	-3.21	44.20	74.00	-29.80	peak
4	6001.626	43.93	2.10	46.03	74.00	-27.97	peak
5	13957.529	32.71	19.05	51.76	74.00	-22.24	peak
6	17948.048	27.39	25.42	52.81	74.00	-21.19	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.

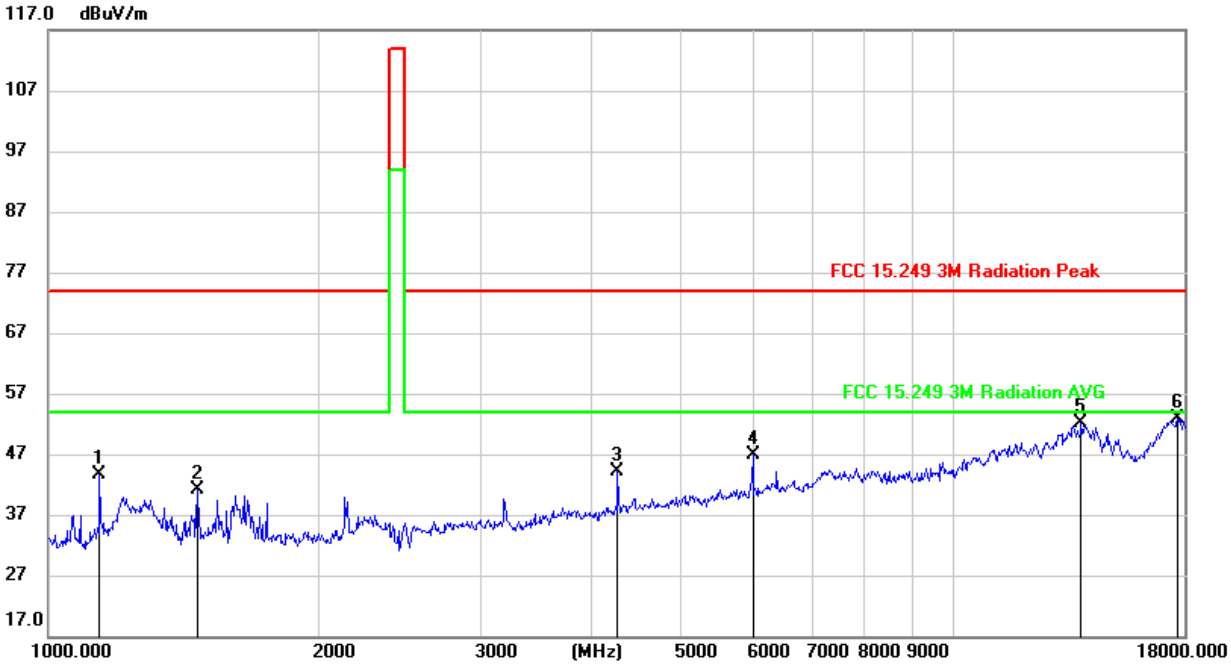
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1231.345	50.70	-13.30	37.40	74.00	-36.60	peak
2	2478.310	49.75	-9.21	40.54	114.00	-73.46	peak
3	4267.237	45.96	-3.24	42.72	74.00	-31.28	peak
4	7284.038	38.71	5.97	44.68	74.00	-29.32	peak
5	13997.929	32.83	18.87	51.70	74.00	-22.30	peak
6	17896.247	27.19	25.75	52.94	74.00	-21.06	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)

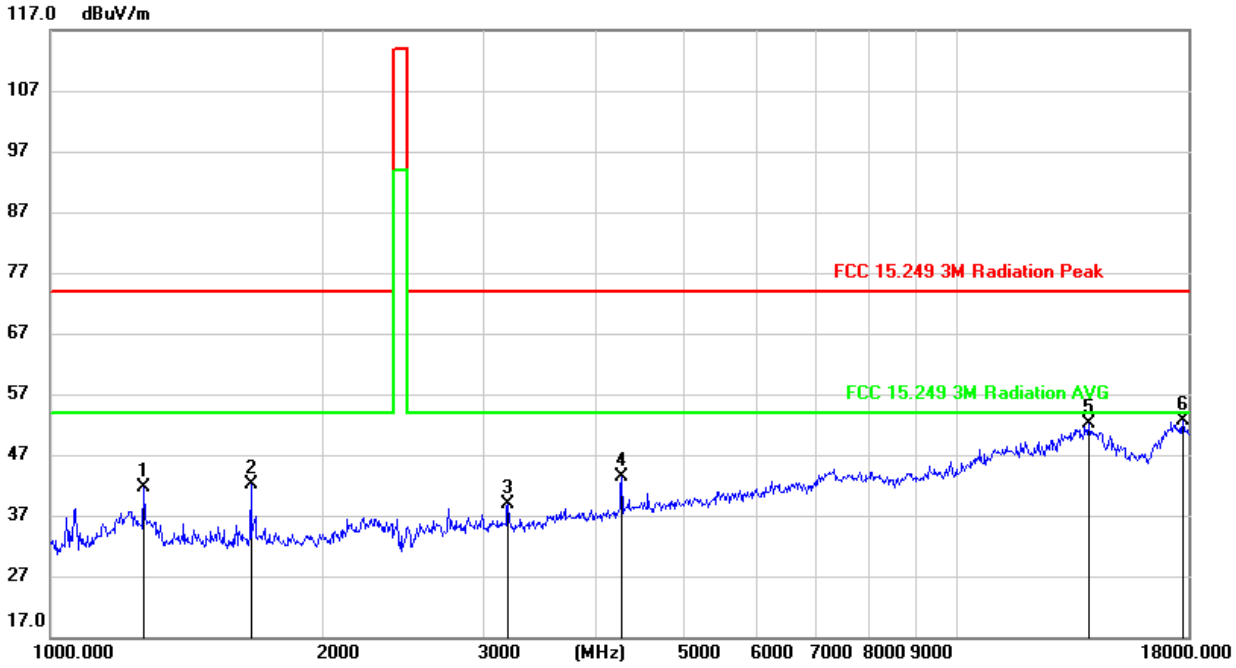


No.	Frequency (MHz)	Reading (dBuV/m)	Correct dB/m	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1142.201	57.56	-14.02	43.54	74.00	-30.46	peak
2	1460.295	53.90	-12.77	41.13	74.00	-32.87	peak
3	4254.921	47.23	-3.21	44.02	74.00	-29.98	peak
4	6001.626	44.76	2.10	46.86	74.00	-27.14	peak
5	13837.024	32.76	19.29	52.05	74.00	-21.95	peak
6	17690.531	28.04	24.78	52.82	74.00	-21.18	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

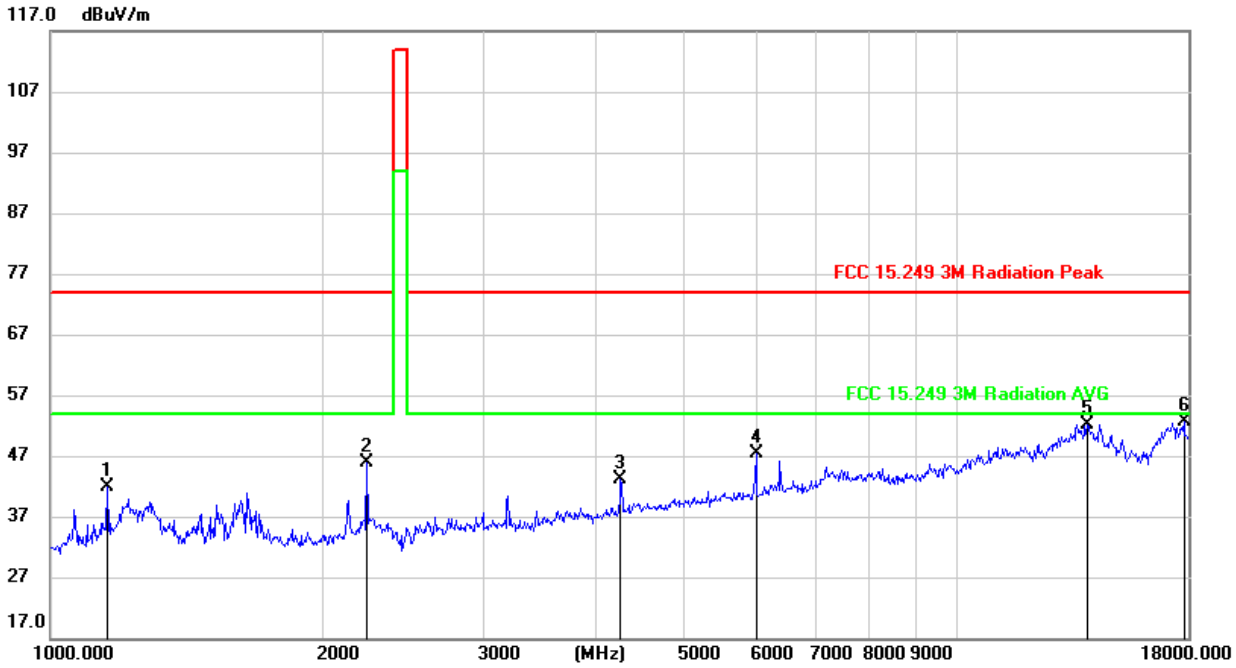
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1267.454	54.60	-13.04	41.56	74.00	-32.44	peak
2	1667.951	54.49	-12.31	42.18	74.00	-31.82	peak
3	3196.094	45.13	-6.36	38.77	74.00	-35.23	peak
4	4267.237	46.62	-3.24	43.38	74.00	-30.62	peak
5	13957.529	33.28	18.95	52.23	74.00	-21.77	peak
6	17741.737	27.54	25.16	52.70	74.00	-21.30	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.

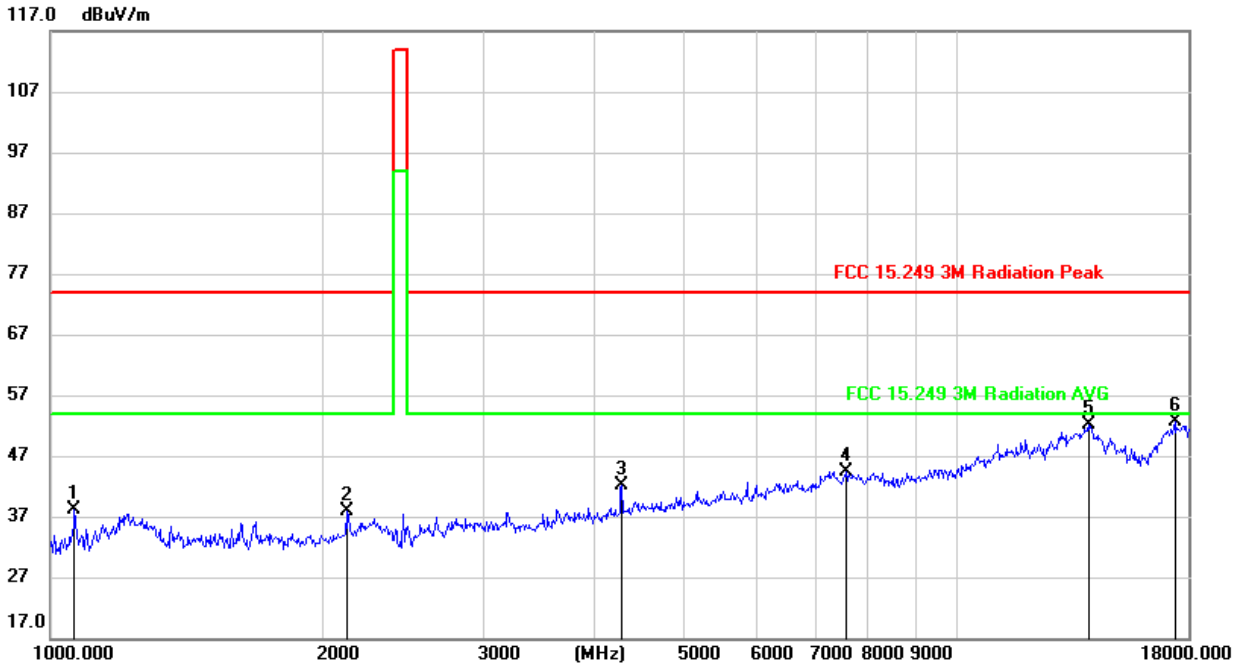
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1158.828	55.74	-13.91	41.83	74.00	-32.17	peak
2	2233.396	54.36	-8.52	45.84	74.00	-28.16	peak
3	4254.921	46.35	-3.21	43.14	74.00	-30.86	peak
4	6001.626	45.24	2.10	47.34	74.00	-26.66	peak
5	13917.244	32.93	19.14	52.07	74.00	-21.93	peak
6	17793.092	26.49	26.19	52.68	74.00	-21.32	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.

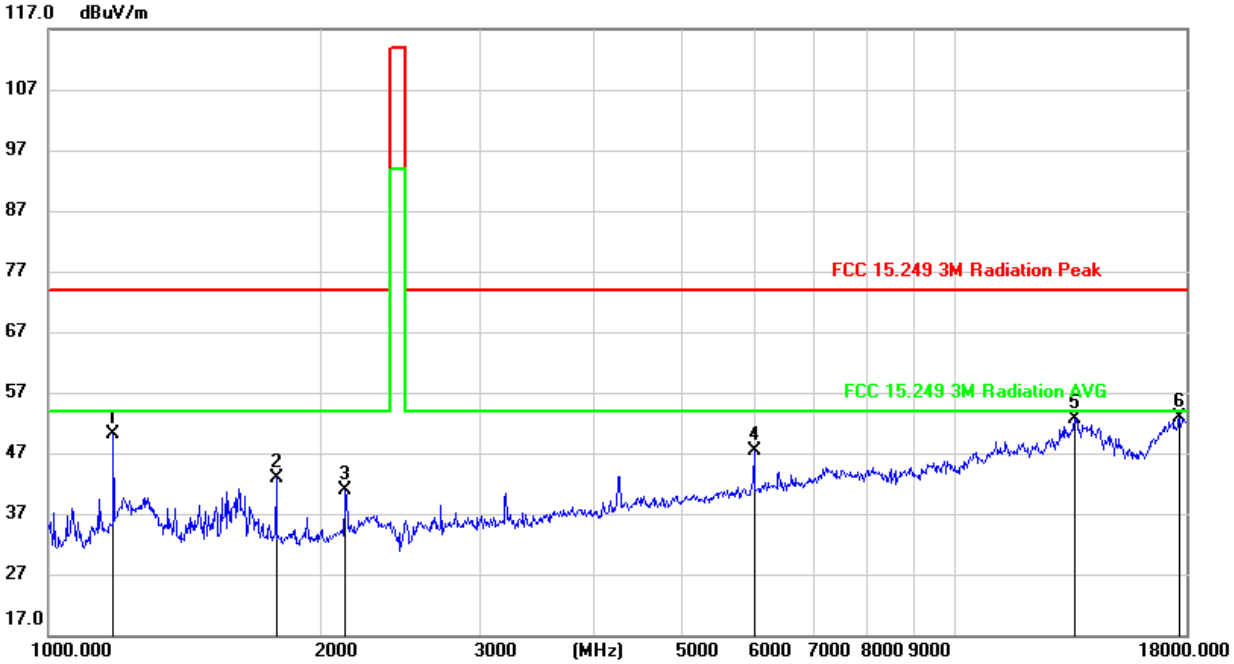
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1062.578	52.29	-14.07	38.22	74.00	-35.78	peak
2	2120.171	47.93	-9.95	37.98	74.00	-36.02	peak
3	4267.237	45.42	-3.24	42.18	74.00	-31.82	peak
4	7541.114	38.05	6.33	44.38	74.00	-29.62	peak
5	13957.529	33.08	18.95	52.03	74.00	-21.97	peak
6	17386.383	30.52	22.06	52.58	74.00	-21.42	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.

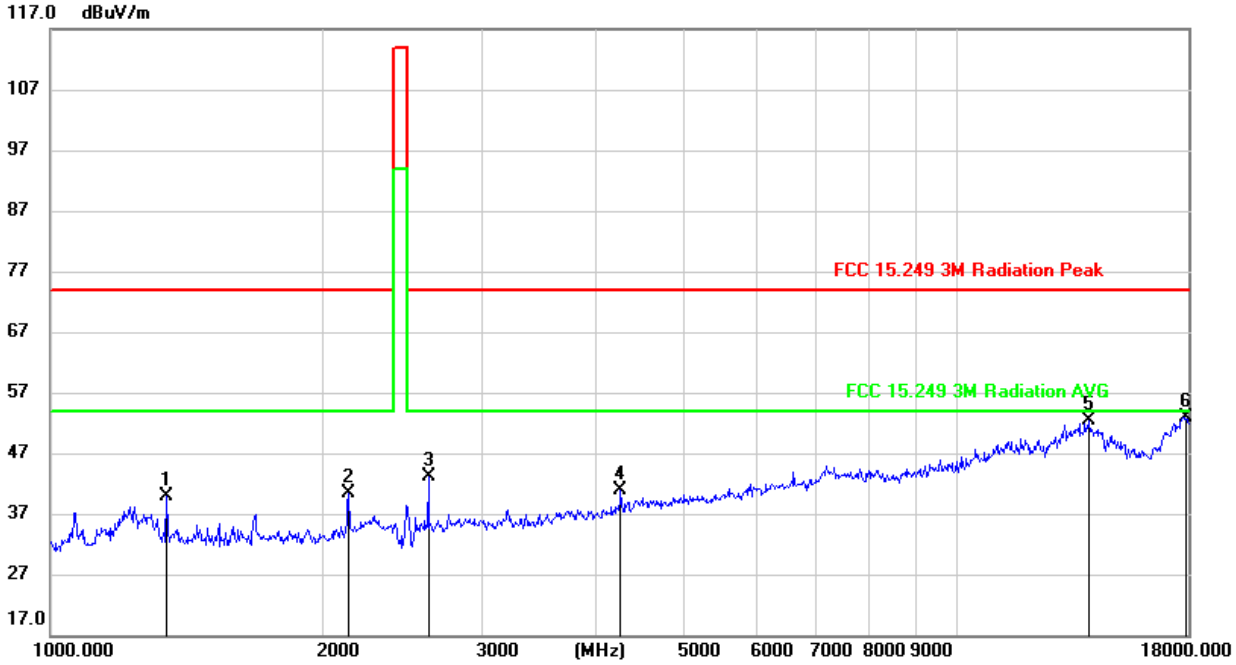
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1179.100	63.94	-13.75	50.19	74.00	-23.81	peak
2	1787.762	54.65	-11.80	42.85	74.00	-31.15	peak
3	2132.462	50.80	-9.88	40.92	74.00	-33.08	peak
4	6001.626	45.28	2.10	47.38	74.00	-26.62	peak
5	13559.879	33.31	19.29	52.60	74.00	-21.40	peak
6	17690.531	28.21	24.78	52.99	74.00	-21.01	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.

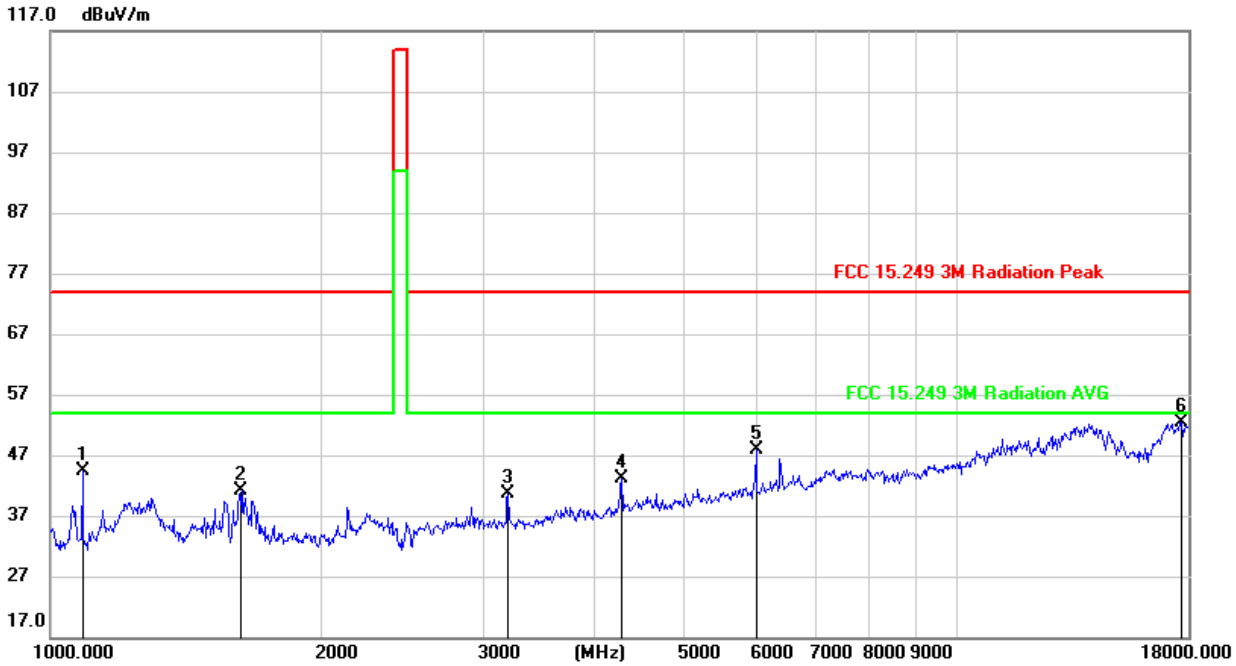
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1342.882	52.78	-12.79	39.99	74.00	-34.01	peak
2	2138.635	50.16	-9.71	40.45	74.00	-33.55	peak
3	2610.661	51.85	-8.74	43.11	74.00	-30.89	peak
4	4254.921	44.16	-3.31	40.85	74.00	-33.15	peak
5	13957.529	33.51	18.95	52.46	74.00	-21.54	peak
6	17896.247	27.22	25.75	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)

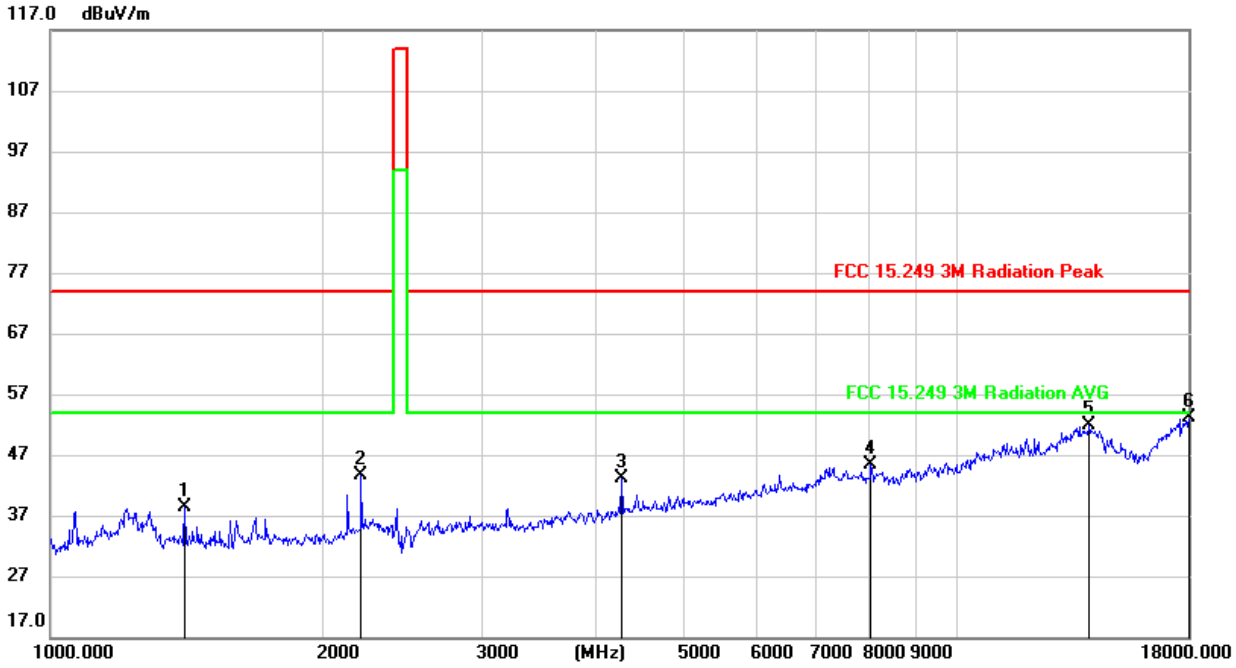


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1084.295	58.64	-14.31	44.33	74.00	-29.67	peak
2	1629.825	53.69	-12.51	41.18	74.00	-32.82	peak
3	3196.094	47.10	-6.35	40.75	74.00	-33.25	peak
4	4267.237	46.38	-3.14	43.24	74.00	-30.76	peak
5	6001.626	45.79	2.10	47.89	74.00	-26.11	peak
6	17690.531	27.69	24.78	52.47	74.00	-21.53	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

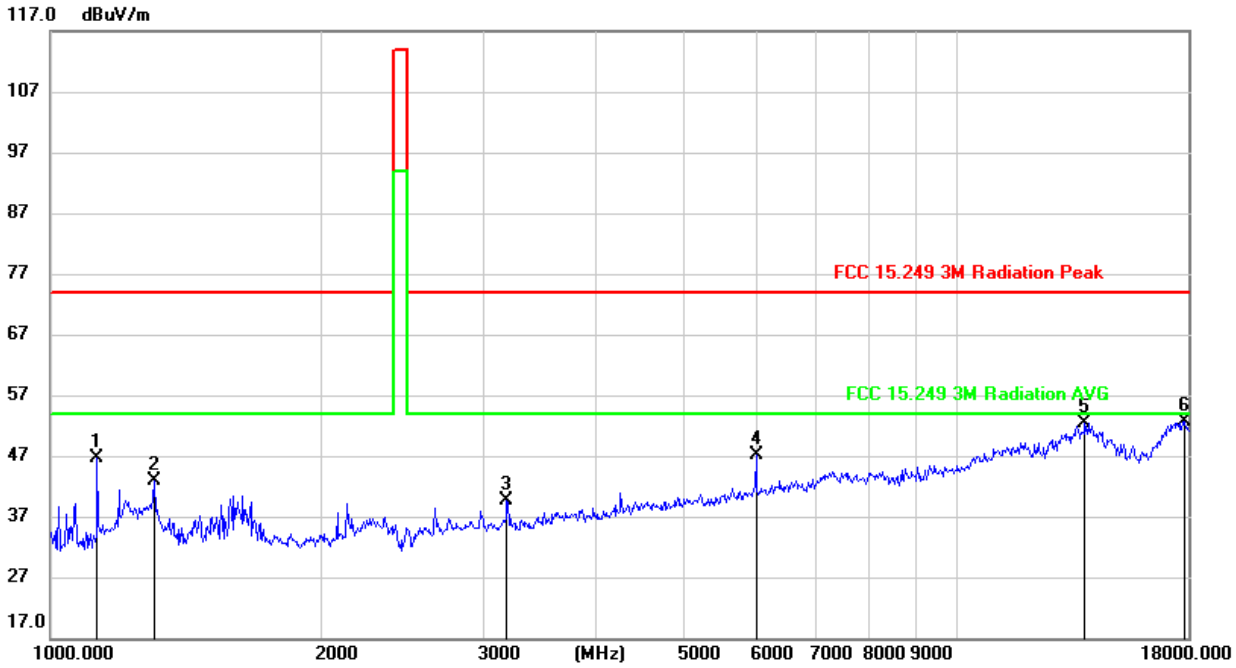
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1410.514	50.89	-12.62	38.27	74.00	-35.73	peak
2	2201.352	52.39	-8.86	43.53	74.00	-30.47	peak
3	4267.237	46.30	-3.24	43.06	74.00	-30.94	peak
4	8036.214	38.55	6.72	45.27	74.00	-28.73	peak
5	13997.929	33.04	18.87	51.91	74.00	-22.09	peak
6	18000.000	26.55	26.65	53.20	74.00	-20.80	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.

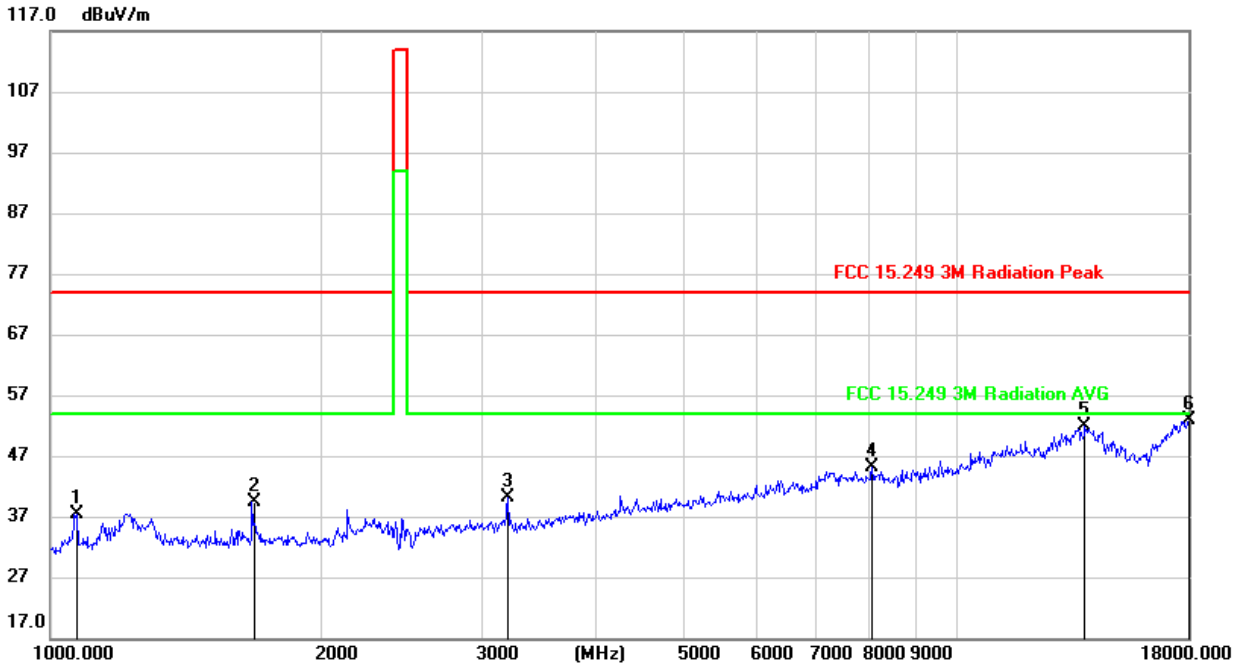
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (LOW CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1125.813	60.76	-14.12	46.64	74.00	-27.36	peak
2	1300.858	55.81	-13.03	42.78	74.00	-31.22	peak
3	3186.869	46.09	-6.38	39.71	74.00	-34.29	peak
4	6001.626	44.92	2.10	47.02	74.00	-26.98	peak
5	13837.024	33.14	19.29	52.43	74.00	-21.57	peak
6	17844.595	27.07	25.65	52.72	74.00	-21.28	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.

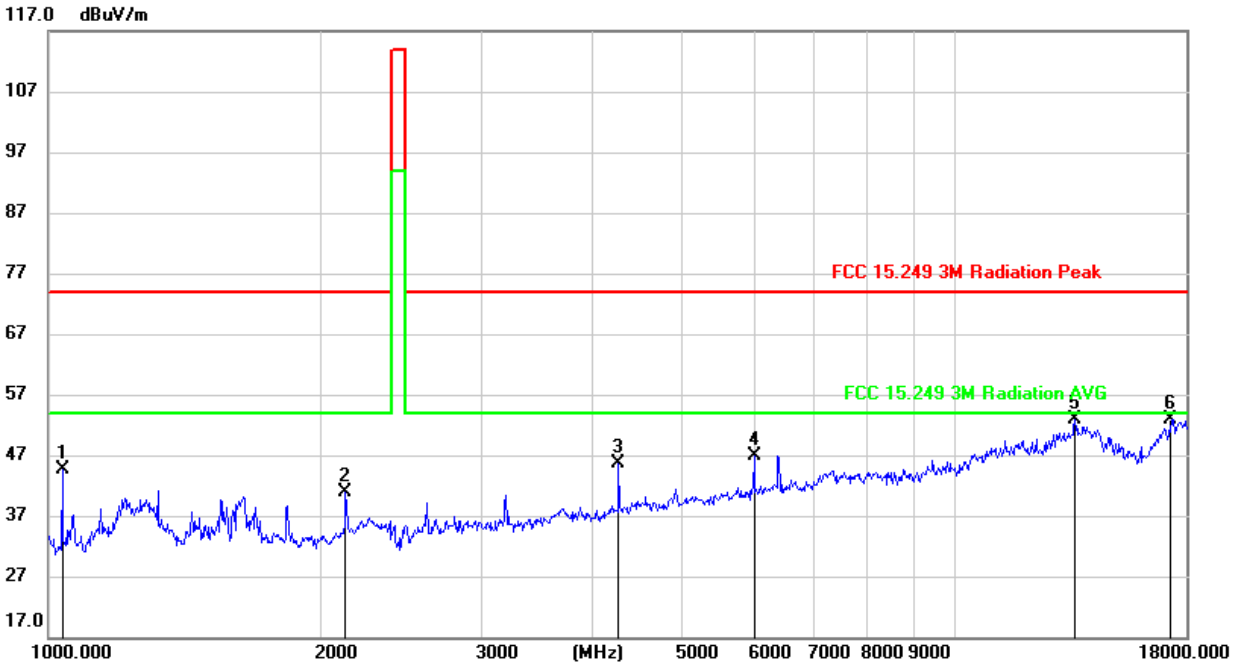
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1068.738	51.44	-14.05	37.39	74.00	-36.61	peak
2	1672.779	51.70	-12.29	39.41	74.00	-34.59	peak
3	3196.094	46.42	-6.36	40.06	74.00	-33.94	peak
4	8059.475	38.57	6.65	45.22	74.00	-28.78	peak
5	13837.024	32.97	19.01	51.98	74.00	-22.02	peak
6	18000.000	26.26	26.65	52.91	74.00	-21.09	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.

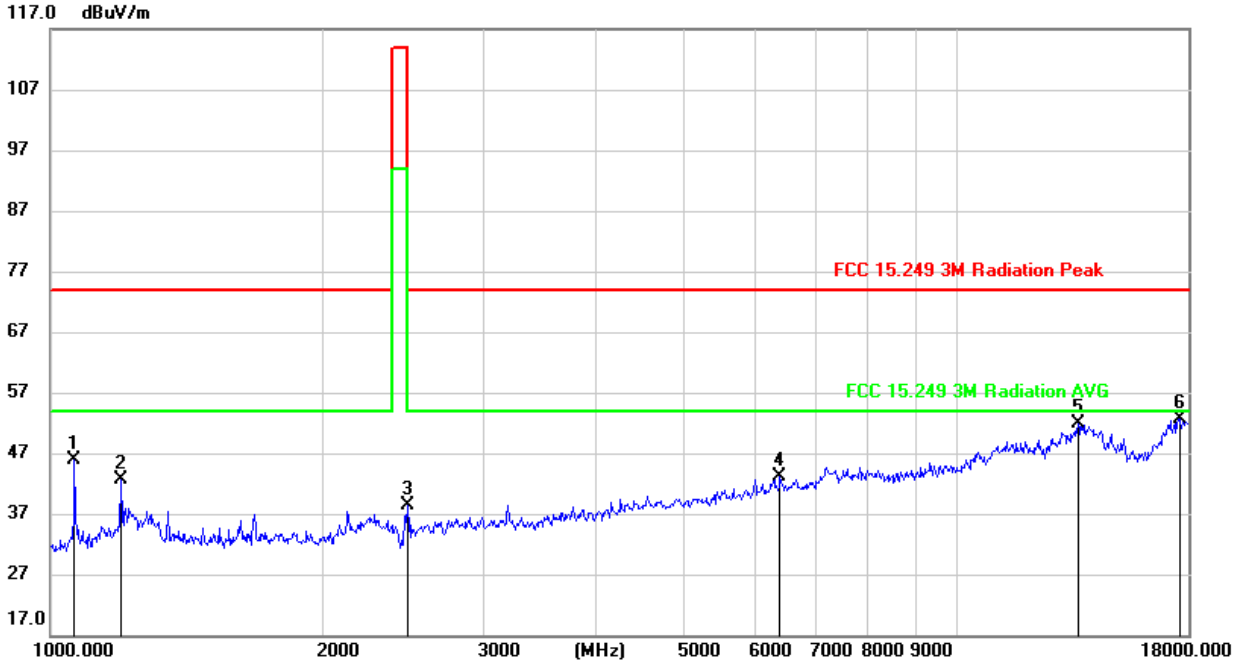
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (MIDDLE CHANNEL, VERTICAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1038.290	58.95	-14.44	44.51	74.00	-29.49	peak
2	2132.462	50.75	-9.88	40.87	74.00	-33.13	peak
3	4254.921	48.95	-3.21	45.74	74.00	-28.26	peak
4	6001.626	44.85	2.10	46.95	74.00	-27.05	peak
5	13559.879	33.63	19.29	52.92	74.00	-21.08	peak
6	17336.202	30.69	22.30	52.99	74.00	-21.01	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.

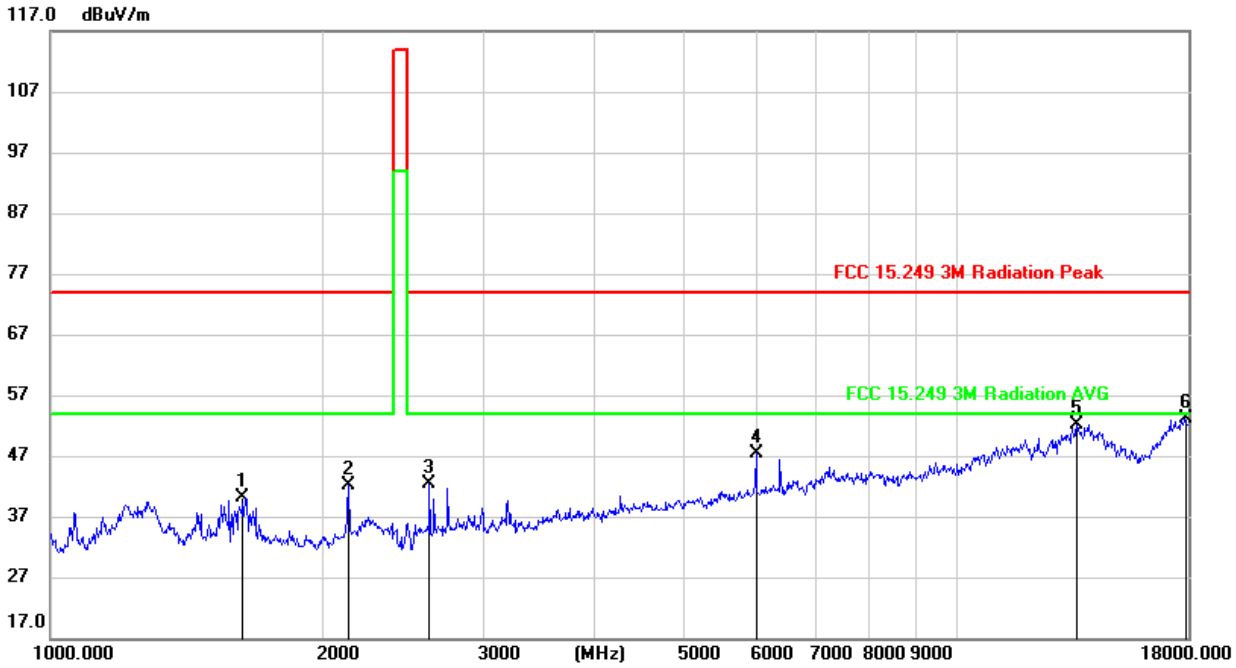
HARMONICS AND SPURIOUS EMISSIONS 1G~18GHz (HIGH CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1062.578	59.96	-14.07	45.89	74.00	-28.11	peak
2	1196.264	56.15	-13.51	42.64	74.00	-31.36	peak
3	2478.310	47.64	-9.21	38.43	114.00	-75.57	peak
4	6377.195	40.05	3.03	43.08	74.00	-30.92	peak
5	13599.128	32.81	19.04	51.85	74.00	-22.15	peak
6	17639.473	29.01	23.73	52.74	74.00	-21.26	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	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	1639.274	52.48	-12.45	40.03	74.00	-33.97	peak
2	2138.635	52.00	-9.81	42.19	74.00	-31.81	peak
3	2618.218	50.99	-8.72	42.27	74.00	-31.73	peak
4	6001.626	45.26	2.10	47.36	74.00	-26.64	peak
5	13559.879	32.90	19.29	52.19	74.00	-21.81	peak
6	17896.247	27.10	25.99	53.09	74.00	-20.91	peak

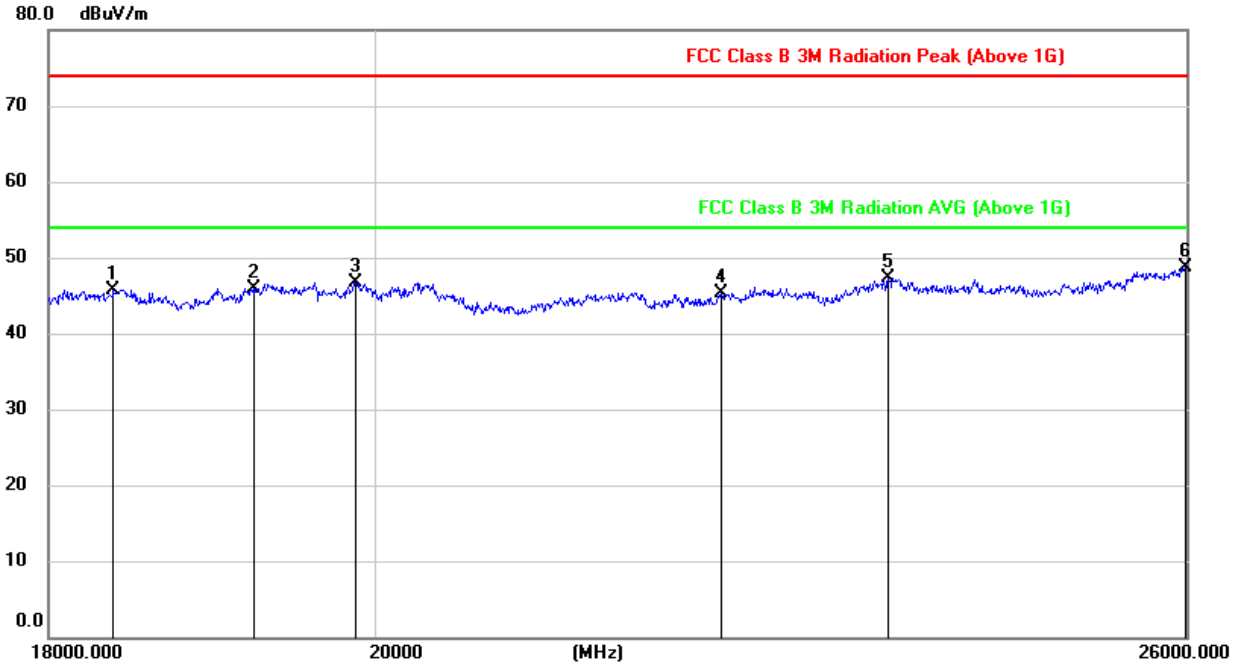
Note: 1. Result = Reading + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Test setup: RBW: 1 MHz, VBW: 3 MHz, Sweep time: auto.

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

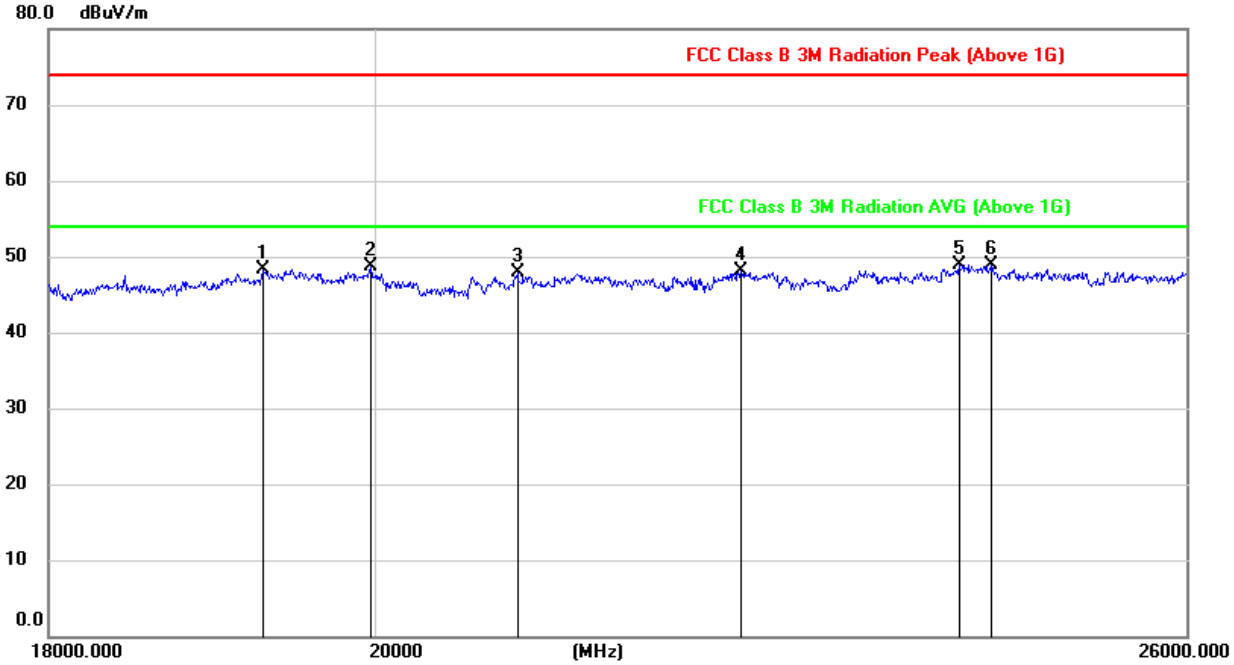
SPURIOUS EMISSIONS 18GHz TO 26GHz (MIDDLE CHANNEL, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	18381.267	51.15	-5.40	45.75	74.00	-28.25	peak
2	19238.817	51.50	-5.57	45.93	74.00	-28.07	peak
3	19878.872	52.01	-5.36	46.65	74.00	-27.35	peak
4	22369.470	49.43	-4.06	45.37	74.00	-28.63	peak
5	23611.943	50.44	-3.17	47.27	74.00	-26.73	peak
6	25990.441	49.81	-1.04	48.77	74.00	-25.23	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.

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



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV/m)	dB/m	(dBuV/m)	(dBuV/m)	(dB)	
1	19295.497	53.86	-5.58	48.28	74.00	-25.72	peak
2	19974.129	54.20	-5.42	48.78	74.00	-25.22	peak
3	20944.464	52.74	-4.93	47.81	74.00	-26.19	peak
4	22518.026	52.05	-3.87	48.18	74.00	-25.82	peak
5	24156.454	51.65	-2.80	48.85	74.00	-25.15	peak
6	24415.437	51.36	-2.50	48.86	74.00	-25.14	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.

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

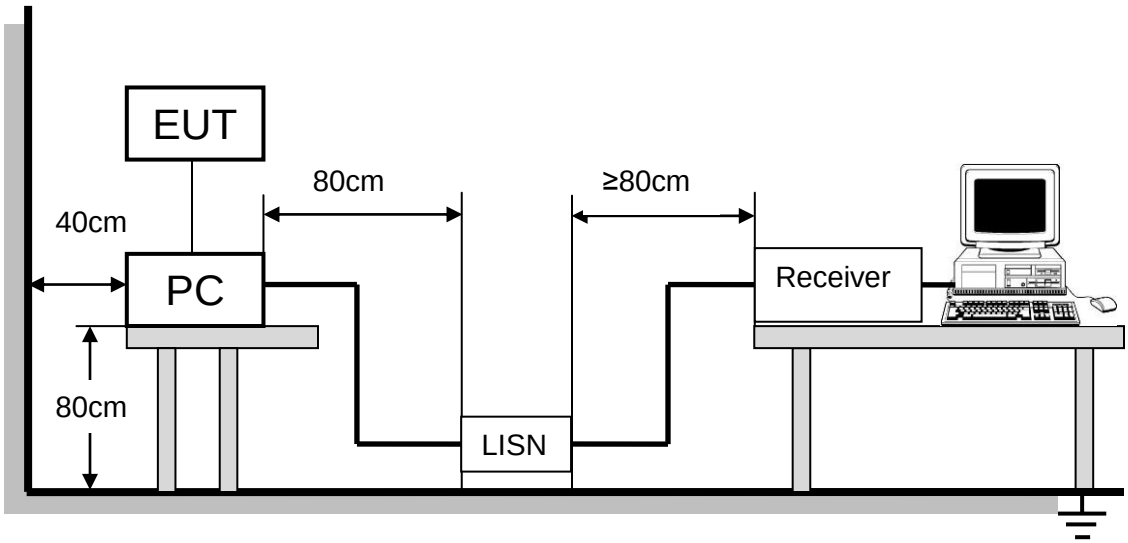
9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

Please refer to FCC §15.207 (a)

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

TEST SETUP AND PROCEDURE



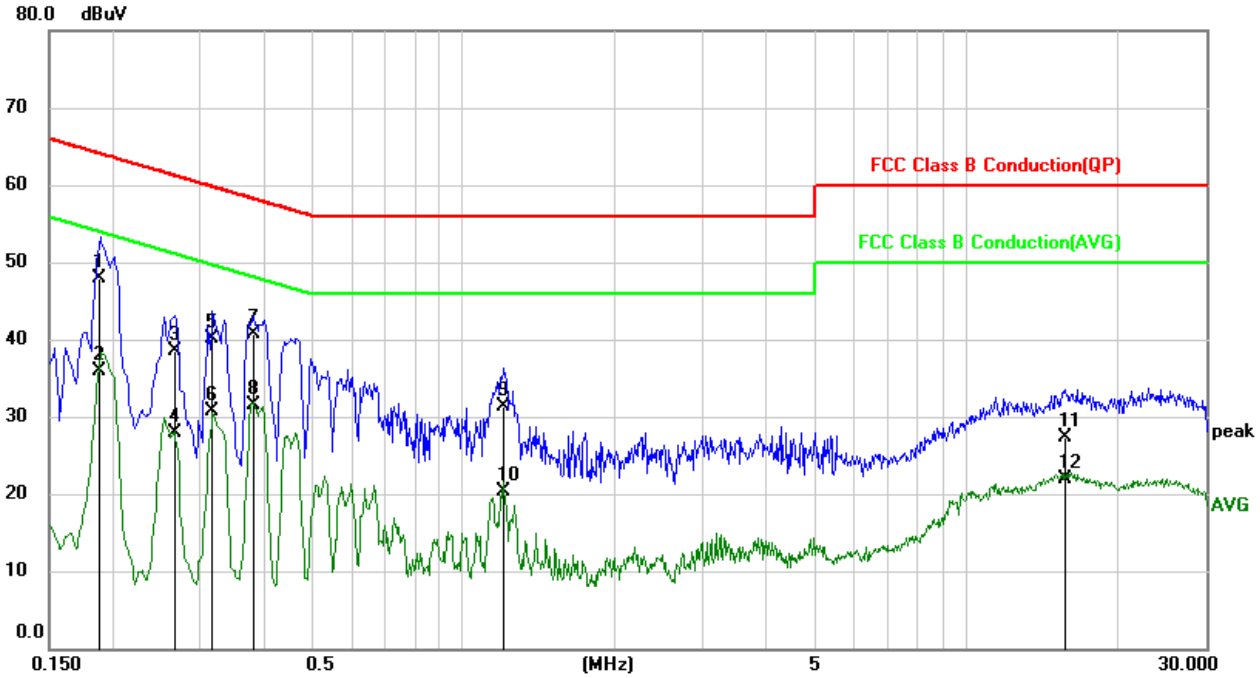
The EUT is put on a table of non-conducting material that is 80cm high. The vertical conducting wall of shielding is located 40cm to the rear of the EUT. The power line of the EUT is connected to the AC mains through a Artificial Mains Network (A.M.N.). A EMI Measurement Receiver (R&S Test Receiver ESR3) is used to test the emissions from both sides of AC line. According to the requirements in Section 6.2 of ANSI C63.10 -2013.Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode. The bandwidth of EMI test receiver is set at 9kHz.

The arrangement of the equipment is installed to meet the standards and operating in a manner, which tends to maximize its emission characteristics in a normal application.

TEST RESULTS

TEST RESULTS

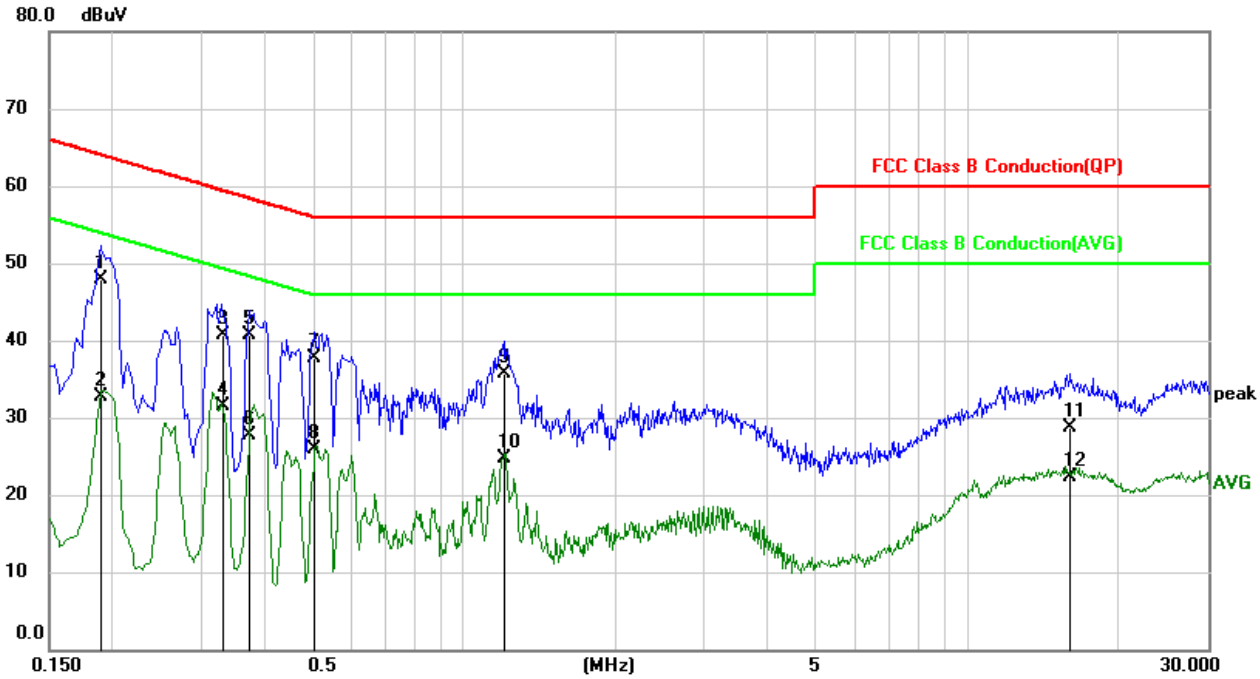
LINE N RESULTS (HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct dB	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1876	38.24	9.65	47.89	64.14	-16.25	QP
2	0.1876	26.33	9.65	35.98	54.14	-18.16	AVG
3	0.2668	28.78	9.65	38.43	61.22	-22.79	QP
4	0.2668	18.29	9.65	27.94	51.22	-23.28	AVG
5	0.3175	30.47	9.65	40.12	59.77	-19.65	QP
6	0.3175	21.01	9.65	30.66	49.77	-19.11	AVG
7	0.3820	31.05	9.65	40.70	58.24	-17.54	QP
8	0.3820	21.76	9.65	31.41	48.24	-16.83	AVG
9	1.1997	21.72	9.67	31.39	56.00	-24.61	QP
10	1.1997	10.68	9.67	20.35	46.00	-25.65	AVG
11	15.7392	17.50	9.82	27.32	60.00	-32.68	QP
12	15.7392	12.13	9.82	21.95	50.00	-28.05	AVG

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

LINE L RESULTS (HIGH CHANNEL, WORST-CASE CONFIGURATION, HORIZONTAL)



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	dB	(dBuV)	(dBuV)	(dB)	
1	0.1898	38.34	9.64	47.98	64.05	-16.07	QP
2	0.1898	23.16	9.64	32.80	54.05	-21.25	AVG
3	0.3322	31.11	9.65	40.76	59.40	-18.64	QP
4	0.3322	21.95	9.65	31.60	49.40	-17.80	AVG
5	0.3743	31.14	9.65	40.79	58.40	-17.61	QP
6	0.3743	18.12	9.65	27.77	48.40	-20.63	AVG
7	0.5069	27.99	9.65	37.64	56.00	-18.36	QP
8	0.5069	16.23	9.65	25.88	46.00	-20.12	AVG
9	1.1970	26.09	9.67	35.76	56.00	-20.24	QP
10	1.1970	14.98	9.67	24.65	46.00	-21.35	AVG
11	16.0098	18.90	9.85	28.75	60.00	-31.25	QP
12	16.0098	12.38	9.85	22.23	50.00	-27.77	AVG

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

10. ANTENNA REQUIREMENTS

PPLICABLE 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