CFR 47 FCC PART 15 SUBPART E

CERTIFICATION TEST REPORT

For

DJI High-Bright Remote Monitor

MODEL NUMBER: RXD2

FCC ID: 2ANDR-RXD2202109

REPORT NUMBER: 4790494429.1-2

ISSUE DATE: August 5, 2022

Prepared for

SZ DJI Osmo Technology Co.,Ltd.
4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	08/05/2022	Initial Issue	

Note: This is a C2PC test report base on 4789980498.1-2-6 which is issued by UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch on October 18, 2021. The EUT had already applied for FCC ID and the FCC ID is 2ANDR-RXD2202109. Now the customer wants to add a new high gain antenna but the EUT remain unchanged.
Spot check had been done for the conducted output power and power spectral density, the power of module remained unchanged, so we performed all radiated emission with the new antenna and show the test data in this report but other data were refer to the original test report.

Summary of Test Results			
Clause	Test Items	FCC Rules	Test Results
1	Conducted Output Power Spot Check	FCC 15.407 (a)	PASS
2	Power Spectral Density Spot Check	FCC 15.407 (a)	PASS
3	Radiated Bandedge and Spurious Emission	FCC 15.407 (b) FCC 15.209 FCC 15.205	PASS
4	Antenna Requirement	FCC 15.203	PASS
Note: 1. For others test data, please refer to the original test report 4789980498.1-2-6. 2.This test report is only published to and used by the applicant, and it is not for evidence purpose in China. 3. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 15 SUBPART C > when <Accuracy Method> decision rule is applied.			

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	SZ DJI Osmo Technology Co.,Ltd.
Address:	4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen

Manufacturer Information

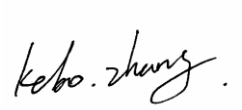
Company Name:	SZ DJI Osmo Technology Co.,Ltd.
Address:	4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen

EUT Information

EUT Name:	DJI High-Bright Remote Monitor
Model:	RXD2
Brand:	DJI
Sample Received Date:	July 21, 2022
Sample Status:	Normal
Sample ID:	5168438
Date of Tested:	July 21, 2022 ~ August 4, 2022

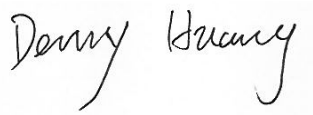
APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART E	PASS

Prepared By:



Kebo Zhang
Senior Project Engineer

Checked By:



Denny Huang
Senior Project Engineer

Approved By:

Stephen Guo
Laboratory Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, CFR 47 FCC Part 2, CFR 47 FCC Part 15, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01 and KDB 662911 D01 Multiple Transmitter Output v02r01.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	**A2LA (Certificate No.: 4102.01)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA. **FCC (FCC Designation No.: CN1187)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. **VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

Note 1: All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, Song Shan Lake Hi tech Development Zone, Dongguan, 523808, China

Note 2: 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.

Note 3: For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

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 recognize 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
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
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

EUT Name	DJI High-Bright Remote Monitor
Model	RXD2
Radio Technology	SRD 5 GHz
Operation Frequency	UNII-1/UNII-2A/UNII-2C/UNII-3
Modulation	OFDM (QPSK,16QAM,64QAM)
Battery	DC 6.8 V

Note: For UNII-1/UNII-2A/UNII-2C Bands, the EUT only support RX mode.

5.2. MAXIMUM OUTPUT POWER

UNII-3 BAND

SRD 5G	Frequency (MHz)	Maximum Conducted Average Output Power (dBm)
1.4 MHz Mode	5725 ~ 5850	26.85
1.4 MHz -CA Mode		26.87
3 MHz Mode		26.96
3 MHz-CA Mode		27.02
10 MHz Mode		16.58
20 MHz Mode		17.10
40 MHz Mode		16.51

5.3. CHANNEL LIST

UNII-3 SRD 5 GHz 1.4 MHz Bandwidth (5726.5 MHz-5846.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5726.5	17	5758.5	33	5790.5	49	5822.5
2	5728.5	18	5760.5	34	5792.5	50	5824.5
3	5730.5	19	5762.5	35	5794.5	51	5826.5
4	5732.5	20	5764.5	36	5796.5	52	5828.5
5	5734.5	21	5766.5	37	5798.5	53	5830.5
6	5736.5	22	5768.5	38	5800.5	54	5832.5
7	5738.5	23	5770.5	39	5802.5	55	5834.5
8	5740.5	24	5772.5	40	5804.5	56	5836.5
9	5742.5	25	5774.5	41	5806.5	57	5838.5
10	5744.5	26	5776.5	42	5808.5	58	5840.5
11	5746.5	27	5778.5	43	5810.5	59	5842.5
12	5748.5	28	5780.5	44	5812.5	60	5844.5
13	5750.5	29	5782.5	45	5814.5	61	5846.5
14	5752.5	30	5784.5	46	5816.5	/	/
15	5754.5	31	5786.5	47	5818.5	/	/
16	5756.5	32	5788.5	48	5820.5	/	/

UNII-3 SRD 5 GHz 1.4 MHz Bandwidth-CA Mode (5728.12 MHz-5848.12 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5728.12	17	5760.12	33	5792.12	49	5824.12
2	5730.12	18	5762.12	34	5794.12	50	5826.12
3	5732.12	19	5764.12	35	5796.12	51	5828.12
4	5734.12	20	5766.12	36	5798.12	52	5830.12
5	5736.12	21	5768.12	37	5800.12	53	5832.12
6	5738.12	22	5770.12	38	5802.12	54	5834.12
7	5740.12	23	5772.12	39	5804.12	55	5836.12
8	5742.12	24	5774.12	40	5806.12	56	5838.12
9	5744.12	25	5776.12	41	5808.12	57	5840.12
10	5746.12	26	5778.12	42	5810.12	58	5842.12
11	5748.12	27	5780.12	43	5812.12	59	5844.12
12	5750.12	28	5782.12	44	5814.12	60	5846.12
13	5752.12	29	5784.12	45	5816.12	61	5848.12
14	5754.12	30	5786.12	46	5818.12	/	/
15	5756.12	31	5788.12	47	5820.12	/	/
16	5758.12	32	5790.12	48	5822.12	/	/

UNII-3 SRD 5 GHz 3MHz Bandwidth Mode (5727.5 MHz-5844.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5727.5	11	5757.5	21	5787.5	31	5817.5
2	5730.5	12	5760.5	22	5790.5	32	5820.5
3	5733.5	13	5763.5	23	5793.5	33	5823.5
4	5736.5	14	5766.5	24	5796.5	34	5826.5
5	5739.5	15	5769.5	25	5799.5	35	5829.5
6	5742.5	16	5772.5	26	5802.5	36	5832.5
7	5745.5	17	5775.5	27	5805.5	37	5835.5
8	5748.5	18	5778.5	28	5808.5	38	5838.5
9	5751.5	19	5781.5	29	5811.5	39	5841.5
10	5754.5	20	5784.5	30	5814.5	40	5844.5
UNII-3 SRD 5 GHz Bandwidth-CA Mode (5730.2 MHz-5847.2 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5730.2	11	5760.2	21	5790.2	31	5820.2
2	5733.2	12	5763.2	22	5793.2	32	5823.2
3	5736.2	13	5766.2	23	5796.2	33	5826.2
4	5739.2	14	5769.2	24	5799.2	34	5829.2
5	5742.2	15	5772.2	25	5802.2	35	5832.2
6	5745.2	16	5775.2	26	5805.2	36	5835.2
7	5748.2	17	5778.2	27	5808.2	37	5838.2
8	5751.2	18	5781.2	28	5811.2	38	5841.2
9	5754.2	19	5784.2	29	5814.2	39	5844.2
10	5757.2	20	5787.2	30	5817.2	40	5847.2
UNII-3 SRD 5 GHz 10 MHz Bandwidth (5730.5 MHz-5844.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5730.5	30	5759.5	59	5788.5	88	5817.5
2	5731.5	31	5760.5	60	5789.5	89	5818.5
3	5732.5	32	5761.5	61	5790.5	90	5819.5
4	5733.5	33	5762.5	62	5791.5	91	5820.5
5	5734.5	34	5763.5	63	5792.5	92	5821.5
6	5735.5	35	5764.5	64	5793.5	93	5822.5
7	5736.5	36	5765.5	65	5794.5	94	5823.5
8	5737.5	37	5766.5	66	5795.5	95	5824.5
9	5738.5	38	5767.5	67	5796.5	96	5825.5
10	5739.5	39	5768.5	68	5797.5	97	5826.5
11	5740.5	40	5769.5	69	5798.5	98	5827.5

12	5741.5	41	5770.5	70	5799.5	99	5828.5
13	5742.5	42	5771.5	71	5800.5	100	5829.5
14	5743.5	43	5772.5	72	5801.5	101	5830.5
15	5744.5	44	5773.5	73	5802.5	102	5831.5
16	5745.5	45	5774.5	74	5803.5	103	5832.5
17	5746.5	46	5775.5	75	5804.5	104	5833.5
18	5747.5	47	5776.5	76	5805.5	105	5834.5
19	5748.5	48	5777.5	77	5806.5	106	5835.5
20	5749.5	49	5778.5	78	5807.5	107	5836.5
21	5750.5	50	5779.5	79	5808.5	108	5837.5
22	5751.5	51	5780.5	80	5809.5	109	5838.5
23	5752.5	52	5781.5	81	5810.5	110	5839.5
24	5753.5	53	5782.5	82	5811.5	111	5840.5
25	5754.5	54	5783.5	83	5812.5	112	5841.5
26	5755.5	55	5784.5	84	5813.5	113	5842.5
27	5756.5	56	5785.5	85	5814.5	114	5843.5
28	5757.5	57	5786.5	86	5815.5	115	5844.5
29	5758.5	58	5787.5	87	5816.5	/	/

UNII-3 SRD 5 GHz 20 MHz Bandwidth (5735.5 MHz-5839.5 MHz)

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5735.5	28	5762.5	55	5789.5	82	5816.5
2	5736.5	29	5763.5	56	5790.5	83	5817.5
3	5737.5	30	5764.5	57	5791.5	84	5818.5
4	5738.5	31	5765.5	58	5792.5	85	5819.5
5	5739.5	32	5766.5	59	5793.5	86	5820.5
6	5740.5	33	5767.5	60	5794.5	87	5821.5
7	5741.5	34	5768.5	61	5795.5	88	5822.5
8	5742.5	35	5769.5	62	5796.5	89	5823.5
9	5743.5	36	5770.5	63	5797.5	90	5824.5
10	5744.5	37	5771.5	64	5798.5	91	5825.5
11	5745.5	38	5772.5	65	5799.5	92	5826.5
12	5746.5	39	5773.5	66	5800.5	93	5827.5
13	5747.5	40	5774.5	67	5801.5	94	5828.5
14	5748.5	41	5775.5	68	5802.5	95	5829.5
15	5749.5	42	5776.5	69	5803.5	96	5830.5
16	5750.5	43	5777.5	70	5804.5	97	5831.5
17	5751.5	44	5778.5	71	5805.5	98	5832.5
18	5752.5	45	5779.5	72	5806.5	99	5833.5
19	5753.5	46	5780.5	73	5807.5	100	5834.5

20	5754.5	47	5781.5	74	5808.5	101	5835.5
21	5755.5	48	5782.5	75	5809.5	102	5836.5
22	5756.5	49	5783.5	76	5810.5	103	5837.5
23	5757.5	50	5784.5	77	5811.5	104	5838.5
24	5758.5	51	5785.5	78	5812.5	105	5839.5
25	5759.5	52	5786.5	79	5813.5	/	/
26	5760.5	53	5787.5	80	5814.5	/	/
27	5761.5	54	5788.5	81	5815.5	/	/

UNII-3 SRD 5 GHz 40 MHz Bandwidth (5745.5 MHz-5829.5 MHz)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	5745.5	23	5767.5	45	5789.5	67	5811.5
2	5746.5	24	5768.5	46	5790.5	68	5812.5
3	5747.5	25	5769.5	47	5791.5	69	5813.5
4	5748.5	26	5770.5	48	5792.5	70	5814.5
5	5749.5	27	5771.5	49	5793.5	71	5815.5
6	5750.5	28	5772.5	50	5794.5	72	5816.5
7	5751.5	29	5773.5	51	5795.5	73	5817.5
8	5752.5	30	5774.5	52	5796.5	74	5818.5
9	5753.5	31	5775.5	53	5797.5	75	5819.5
10	5754.5	32	5776.5	54	5798.5	76	5820.5
11	5755.5	33	5777.5	55	5799.5	77	5821.5
12	5756.5	34	5778.5	56	5800.5	78	5822.5
13	5757.5	35	5779.5	57	5801.5	79	5823.5
14	5758.5	36	5780.5	58	5802.5	80	5824.5
15	5759.5	37	5781.5	59	5803.5	81	5825.5
16	5760.5	38	5782.5	60	5804.5	82	5826.5
17	5761.5	39	5783.5	61	5805.5	83	5827.5
18	5762.5	40	5784.5	62	5806.5	84	5828.5
19	5763.5	41	5785.5	63	5807.5	85	5829.5
20	5764.5	42	5786.5	64	5808.5	/	/
21	5765.5	43	5787.5	65	5809.5	/	/
22	5766.5	44	5788.5	66	5810.5	/	/

5.4. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency (MHz)	Antenna Type	Maximum Antenna Gain (dBi)
0	5725~5850	Dipole antenna	6.3
1	5725~5850	Dipole antenna	6.3
2	5725~5850	Dipole antenna	6.3
3	5725~5850	Dipole antenna	6.3

The EUT support Cyclic Shift Diversity(CDD) mode.
MIMO output power port and MIMO PSD port summing was performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following mothed.
For output power measurements:
Directional gain= G_{ANT} + Array Gain = 6.3 dBi
G_{ANT}: equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain= G_{ANT} + Array Gain = 9.31 dBi
Array Gain = 10 log (N_{ANT}/N_{SS}) dB.
N_{ANT}: number of transmit antennas
N_{SS}: number of spatial streams, the worst case directional gain will occur when N_{SS} = 1
Note: The value of the antenna gain was declared by customer. The customer declared that SRD 2.4G and SRD 5G can't transmit simultaneously.

Test Mode	Transmit and Receive Mode	Description
1.4MHz Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
1.4MHz-CAMode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
3MHz Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
3MHz-CA Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
10MHz Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
20MHz Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.
40MHz Mode	☒2TX, 4RX	ANT 0,1, 2,3 can be used as transmitting and receiving antenna.

Note: The EUT only support 2TX4RX mode, and Only 4 TX models as ANT 0&1/ANT 0&3/ANT 2&1/ANT 2&3 were used.

5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter under 5725 ~ 5850MHz Band				
Test Software		DjiSdrConsole		
Modulation Mode	Transmit Antenna Number	Test Software setting value		
		NCB: 1.4 MHz/3 MHz/10 MHz/20 MHz/40 MHz		
		Low Channel	MID Channel	High Channel
All	All	Default	Default	Default

5.6. THE WORSE CASE CONFIGURATIONS

The EUT was tested in the following configuration(s):

Controlled in test mode using a software application on the EUT supplied by customer. The application was used to enable a continuous transmission and to select the mode, test channels, bandwidth, data rates as required.

Test channels referring to section 5.4.

Maximum power setting referring to section 5.6.

Worst case Data Rates declared by the customer:

SRD 5GHz-1.4M Mode/QPSK
SRD 5GHz-1.4M-CA Mode/QPSK
SRD 5GHz-3M Mode/QPSK
SRD 5GHz-3M-CA Mode/QPSK
SRD 5GHz-10M Mode/QPSK
SRD 5GHz-20M Mode/QPSK
SRD 5GHz-40M Mode/QPSK

The EUT has 4 separate antennas which correspond to 4 separate antenna ports. The EUT only support 2TX4RX mode, and Only 4 TX models as ANT 0&1/ANT 0&3/ANT 2&1/ANT 2&3 were used.

The measured additional path loss was included in any path loss calculations for all RF cable used during tested.

Duty cycle and occupied channel bandwidth tests, only one chain were tested since the duty cycle and bandwidth does not change depending on chains used.

The EUT support Cyclic Shift Diversity (CDD), They use the same conducted power per chain in any given mode, so we only chose the worst-case mode CDD 2TX at ANT 0&1 for final testing.

5.7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	Lenovo	ThinkPad E480	/
2	Earphone	apple	/	/
3	Monitor	DELL	P2419H	/
4	DJI Ronin 4D Hand Grips Combo	DJI	EGP	/
5	SD card	/	/	/

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	/	/	1.0	/
2	HDMI Cable	/	/	1.5	/
3	HDMI Cable	/	/	1.5	/

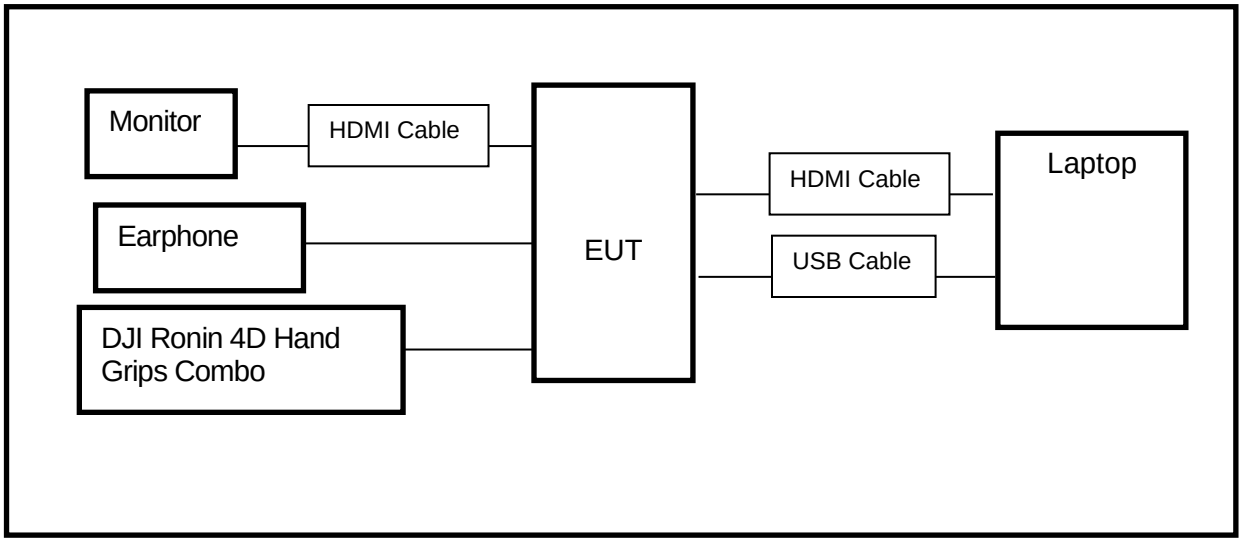
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
/	/	/	/	/

TEST SETUP

The EUT can work in engineering mode with a software.

SETUP DIAGRAM FOR TESTS



6. MEASURING INSTRUMENT AND SOFTWARE USED

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Oct.30, 2021	Oct.29, 2022
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Aug.02, 2021	Aug.01, 2024
Preamplifier	HP	8447D	2944A09099	Oct.30, 2021	Oct.29, 2022
EMI Measurement Receiver	R&S	ESR26	101377	Oct.30, 2021	Oct.29, 2022
Horn Antenna	TDK	HRN-0118	130940	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.30, 2021	Oct.29, 2022
Horn Antenna	Schwarzbeck	BBHA9170	697	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.31, 2021	Oct.30, 2022
Preamplifier	TDK	PA-02-3	TRS-308-00002	Oct.31, 2021	Oct.30, 2022
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Oct.31, 2021	Oct.30, 2022
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Oct.31, 2021	Oct.30, 2022
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Oct.31, 2021	Oct.30, 2022
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Oct.31, 2021	Oct.30, 2022
Band Reject Filter	Wainwright	WRCJV20-5440-5470-5725-5755-60SS	1	Oct.31, 2021	Oct.30, 2022

Software			
Description	Manufacturer	Name	Version
Test Software for Radiated Emissions	Farad	EZ-EMC	Ver. UL-3A1

Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Oct.30, 2021	Oct.29, 2022
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Oct.30, 2021	Oct.29, 2022
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Oct.30, 2021	Oct.29, 2022
DC power supply	Keysight	E3642A	MY55159130	Oct.30, 2021	Oct.29, 2022
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Nov.20,2020	Nov.19,2022
Software					
Description	Manufacturer	Name		Version	
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System		2.6.77.0518	

Other Instruments					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power sensor, Power Meter	R&S	OSP120	100921	Mar.2, 2022	Mar.1, 2023

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

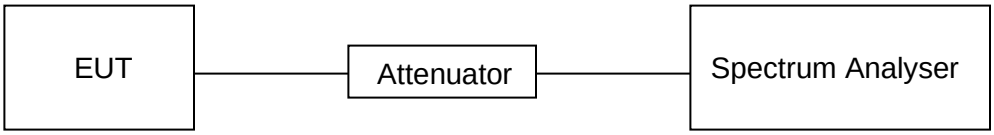
None; for reporting purposes only.

PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.B.

The zero-span mode on a spectrum analyzer or EMI receiver, if the response time and spacing between bins on the sweep are sufficient to permit accurate measurements of the on and off times of the transmitted signal. Set the center frequency of the instrument to the center frequency of the transmission. Set RBW ≥ EBW if possible; otherwise, set RBW to the largest available value. Set VBW ≥ RBW. Set detector = peak or average. The zero-span measurement method shall not be used unless both RBW and VBW are > 50/T, where T is defined in II.B.1.a), and the number of sweep points across duration T exceeds 100. (For example, if VBW and/or RBW are limited to 3 MHz, then the zero-span method of measuring duty cycle shall not be used if T ≤ 16.7 microseconds.)

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	59 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 6.8 V

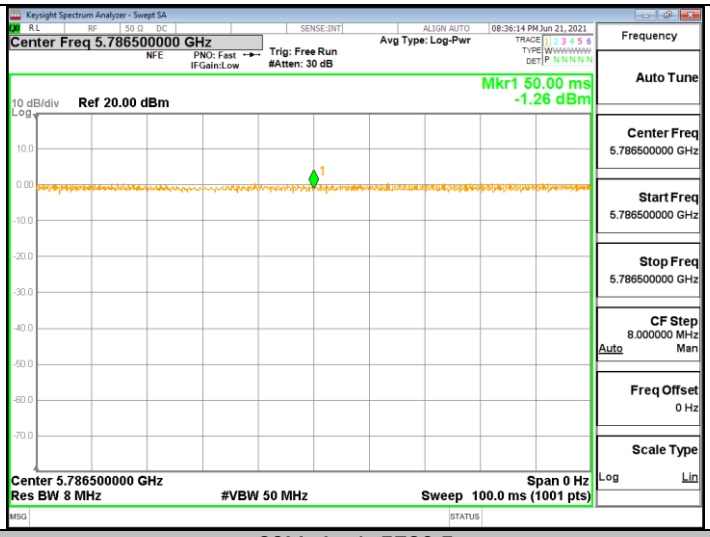
RESULTS

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
20M	1	1	1.0000	100.00	0.00	1.00	0.01
40M	1	1	1.0000	100.00	0.00	1.00	0.01
10M	1	1	1.0000	100.00	0.00	1.00	0.01
1.4M	1	1	1.0000	100.00	0.00	1.00	0.01
1.4M CA	1	1	1.0000	100.00	0.00	1.00	0.01
3M	1	1	1.0000	100.00	0.00	1.00	0.01
3M CA	1	1	1.0000	100.00	0.00	1.00	0.01

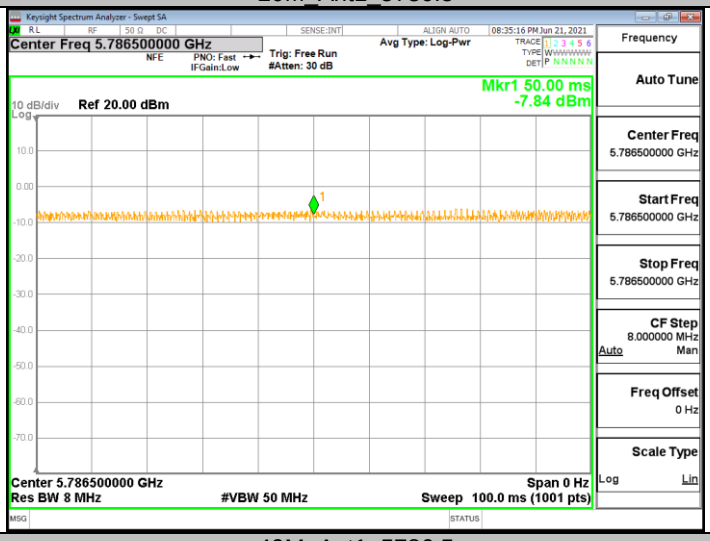
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

Note: The duty cycle of the EUT remained unchanged, the test result above comes from the original test report, just for reporting purposes only.

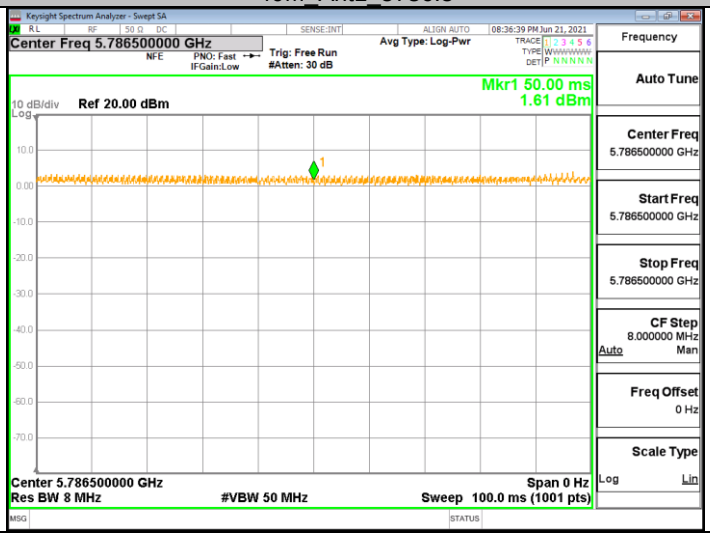
TEST GRAPHS

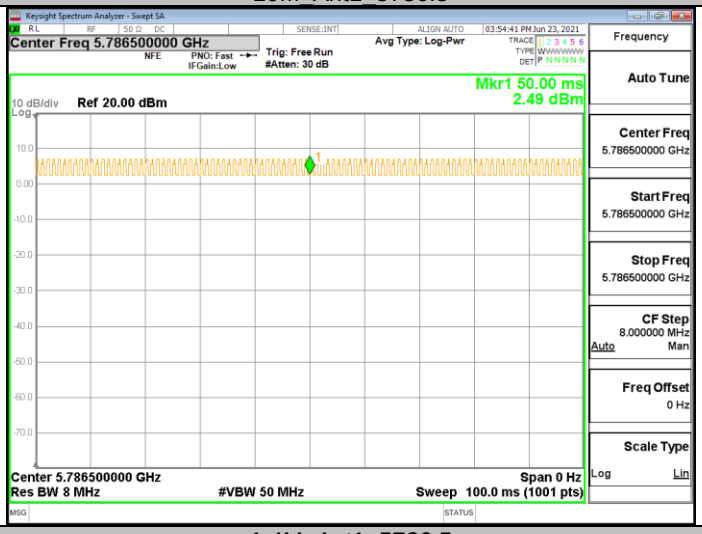
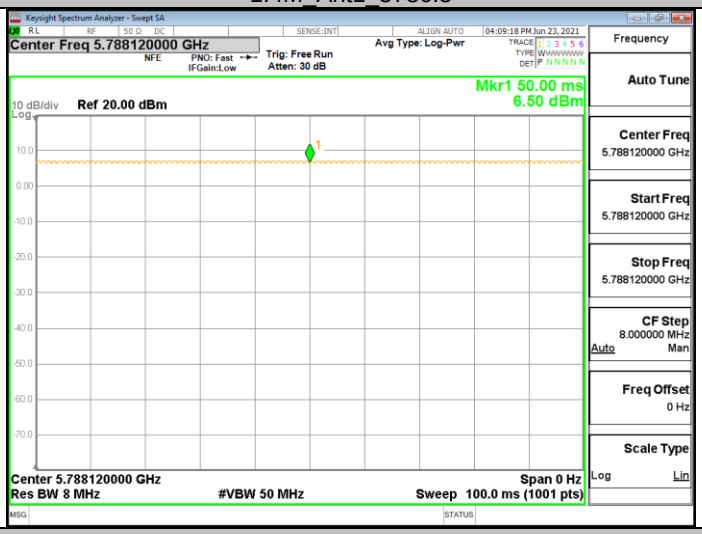
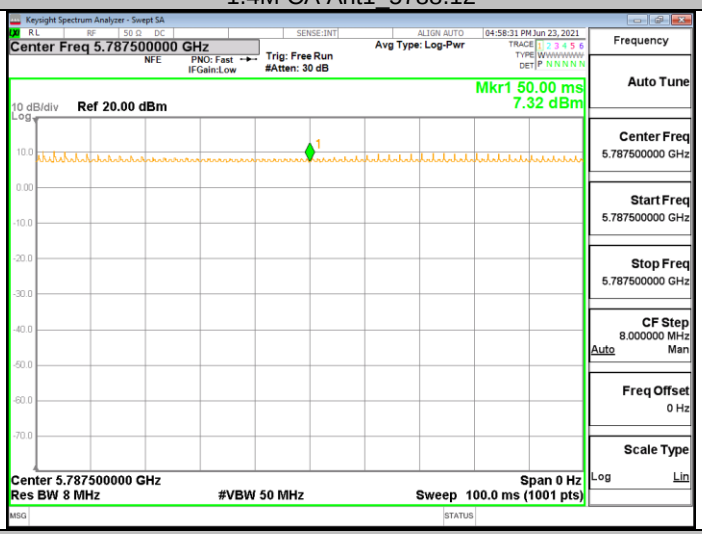


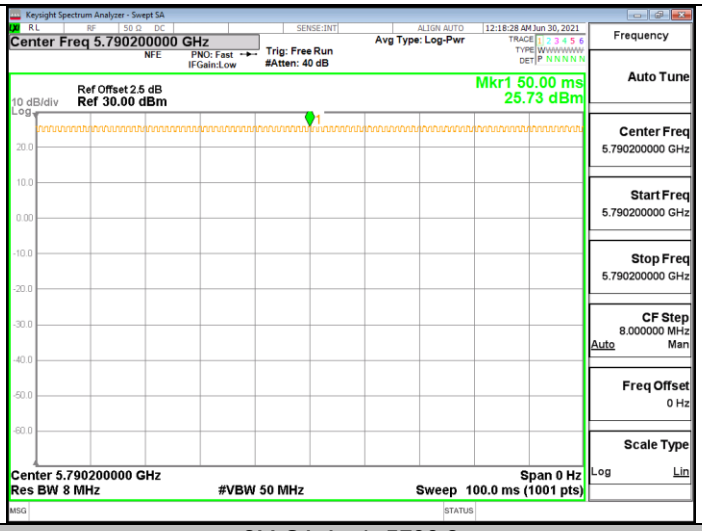
20M_Ant1_5786.5



40M_Ant1_5786.5



10M_Ant1_5786.5

1.4M_Ant1_5786.5

1.4M CA Ant1_5788.12

3M_Ant1_5785.7



3M CA Ant1_5790.2

Note: The duty cycle of the EUT remained unchanged, the test result above comes from the original test report, just for reporting purposes only.

7.2. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm) ☒ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☐ Client Devices: 250 mW (24 dBm)	5150 ~ 5250
	Shall not exceed the lesser of 250 mW (24dBm) or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.	5250 ~ 5350 5470 ~ 5725
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

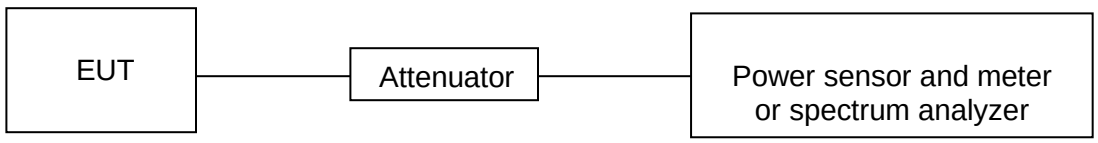
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.E.

Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep):
(i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
(ii) Set RBW = 1 MHz.
(iii) Set VBW ≥ 3 MHz.
(iv) Number of points in sweep ≥ 2 × span / RBW. (This ensures that bin-to-bin spacing is ≤ RBW/2, so that narrowband signals are not lost between frequency bins.)
(v) Sweep time = auto.
(vi) Detector = power averaging (rms), if available. Otherwise, use sample detector mode.
(vii) If transmit duty cycle < 98 %, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle ≥ 98 %, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run.”
(viii) Trace average at least 100 traces in power averaging (rms) mode.
(ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

Method PM (Measurement using an RF average power meter):
(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied:
a. The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
b. At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
c. The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25 %).

Straddle channel power was measured using spectrum analyzer.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	59 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 6.8 V

RESULTS

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
10M	Ant0	Low	12.44	<=29.7	PASS
	Ant1	Low	12.82	<=29.7	PASS
	Ant2	Low	13.56	<=29.7	PASS
	Ant3	Low	12.88	<=29.7	PASS
	total Ant0&1	Low	15.64	<=29.7	PASS
	total Ant0&3	Low	15.68	<=29.7	PASS
	total Ant2&1	Low	16.22	<=29.7	PASS
	total Ant2&3	Low	16.24	<=29.7	PASS
	Ant0	MID	12.97	<=29.7	PASS
	Ant1	MID	12.67	<=29.7	PASS
	Ant2	MID	13.91	<=29.7	PASS
	Ant3	MID	13.21	<=29.7	PASS
	total Ant0&1	MID	15.83	<=29.7	PASS
	total Ant0&3	MID	16.10	<=29.7	PASS
	total Ant2&1	MID	16.34	<=29.7	PASS
	total Ant2&3	MID	16.58	<=29.7	PASS
	Ant0	High	12.61	<=29.7	PASS
	Ant1	High	12.98	<=29.7	PASS
	Ant2	High	13.51	<=29.7	PASS
	Ant3	High	13.17	<=29.7	PASS
	total Ant0&1	High	15.81	<=29.7	PASS
	total Ant0&3	High	15.91	<=29.7	PASS
	total Ant2&1	High	16.26	<=29.7	PASS
	total Ant2&3	High	16.35	<=29.7	PASS
20M	Ant0	Low	13.85	<=29.7	PASS
	Ant1	Low	13.37	<=29.7	PASS
	Ant2	Low	13.33	<=29.7	PASS
	Ant3	Low	12.64	<=29.7	PASS
	total Ant0&1	Low	16.63	<=29.7	PASS
	total Ant0&3	Low	16.30	<=29.7	PASS
	total Ant2&1	Low	16.36	<=29.7	PASS
	total Ant2&3	Low	16.01	<=29.7	PASS
	Ant0	MID	14.07	<=29.7	PASS
	Ant1	MID	13.91	<=29.7	PASS
	Ant2	MID	13.72	<=29.7	PASS
	Ant3	MID	12.96	<=29.7	PASS
	total Ant0&1	MID	17.00	<=29.7	PASS
	total Ant0&3	MID	16.56	<=29.7	PASS
	total Ant2&1	MID	16.83	<=29.7	PASS
	total Ant2&3	MID	16.37	<=29.7	PASS
	Ant0	High	14.00	<=29.7	PASS
	Ant1	High	14.18	<=29.7	PASS
	Ant2	High	13.40	<=29.7	PASS
	Ant3	High	13.01	<=29.7	PASS
	total Ant0&1	High	17.10	<=29.7	PASS
	total Ant0&3	High	16.54	<=29.7	PASS
	total Ant2&1	High	16.82	<=29.7	PASS
	total Ant2&3	High	16.22	<=29.7	PASS
40M	Ant0	Low	13.78	<=29.7	PASS
	Ant1	Low	13.20	<=29.7	PASS

	Ant2	Low	12.99	<=29.7	PASS
	Ant3	Low	12.75	<=29.7	PASS
	total Ant0&1	Low	16.51	<=29.7	PASS
	total Ant0&3	Low	16.31	<=29.7	PASS
	total Ant2&1	Low	16.11	<=29.7	PASS
	total Ant2&3	Low	15.88	<=29.7	PASS
	Ant0	MID	12.84	<=29.7	PASS
	Ant1	MID	12.65	<=29.7	PASS
	Ant2	MID	13.50	<=29.7	PASS
	Ant3	MID	12.72	<=29.7	PASS
	total Ant0&1	MID	15.76	<=29.7	PASS
	total Ant0&3	MID	15.79	<=29.7	PASS
	total Ant2&1	MID	16.11	<=29.7	PASS
	total Ant2&3	MID	16.14	<=29.7	PASS
	Ant0	High	13.25	<=29.7	PASS
	Ant1	High	13.30	<=29.7	PASS
	Ant2	High	13.34	<=29.7	PASS
	Ant3	High	12.88	<=29.7	PASS
	total Ant0&1	High	16.29	<=29.7	PASS
	total Ant0&3	High	16.08	<=29.7	PASS
	total Ant2&1	High	16.33	<=29.7	PASS
	total Ant2&3	High	16.13	<=29.7	PASS
1.4M	Ant0	Low	23.59	<=29.7	PASS
	Ant1	Low	23.67	<=29.7	PASS
	Ant2	Low	24.01	<=29.7	PASS
	Ant3	Low	23.19	<=29.7	PASS
	total Ant0&1	Low	26.64	<=29.7	PASS
	total Ant0&3	Low	26.40	<=29.7	PASS
	total Ant2&1	Low	26.85	<=29.7	PASS
	total Ant2&3	Low	26.63	<=29.7	PASS
	Ant0	MID	24.08	<=29.7	PASS
	Ant1	MID	23.52	<=29.7	PASS
	Ant2	MID	24.04	<=29.7	PASS
	Ant3	MID	23.08	<=29.7	PASS
	total Ant0&1	MID	26.82	<=29.7	PASS
	total Ant0&3	MID	26.62	<=29.7	PASS
	total Ant2&1	MID	26.80	<=29.7	PASS
	total Ant2&3	MID	26.60	<=29.7	PASS
	Ant0	High	23.63	<=29.7	PASS
	Ant1	High	23.30	<=29.7	PASS
	Ant2	High	23.98	<=29.7	PASS
	Ant3	High	22.88	<=29.7	PASS
	total Ant0&1	High	26.48	<=29.7	PASS
	total Ant0&3	High	26.28	<=29.7	PASS
	total Ant2&1	High	26.66	<=29.7	PASS
	total Ant2&3	High	26.48	<=29.7	PASS
1.4M-CA	Ant0	Low	23.64	<=29.7	PASS
	Ant1	Low	23.68	<=29.7	PASS
	Ant2	Low	24.04	<=29.7	PASS
	Ant3	Low	22.88	<=29.7	PASS
	total Ant0&1	Low	26.67	<=29.7	PASS
	total Ant0&3	Low	26.29	<=29.7	PASS
	total Ant2&1	Low	26.87	<=29.7	PASS
	total Ant2&3	Low	26.51	<=29.7	PASS
	Ant0	MID	24.12	<=29.7	PASS
	Ant1	MID	23.53	<=29.7	PASS
	Ant2	MID	23.98	<=29.7	PASS
	Ant3	MID	23.08	<=29.7	PASS
	total Ant0&1	MID	26.85	<=29.7	PASS
	total Ant0&3	MID	26.64	<=29.7	PASS
	total Ant2&1	MID	26.77	<=29.7	PASS

	total Ant2&3	MID	26.56	<=29.7	PASS
	Ant0	High	23.65	<=29.7	PASS
	Ant1	High	23.32	<=29.7	PASS
	Ant2	High	23.96	<=29.7	PASS
	Ant3	High	22.85	<=29.7	PASS
	total Ant0&1	High	26.50	<=29.7	PASS
	total Ant0&3	High	26.28	<=29.7	PASS
	total Ant2&1	High	26.66	<=29.7	PASS
	total Ant2&3	High	26.45	<=29.7	PASS
3M	Ant0	Low	23.87	<=29.7	PASS
	Ant1	Low	23.66	<=29.7	PASS
	Ant2	Low	24.05	<=29.7	PASS
	Ant3	Low	23.05	<=29.7	PASS
	total Ant0&1	Low	26.78	<=29.7	PASS
	total Ant0&3	Low	26.49	<=29.7	PASS
	total Ant2&1	Low	26.87	<=29.7	PASS
	total Ant2&3	Low	26.59	<=29.7	PASS
	Ant0	MID	24.35	<=29.7	PASS
	Ant1	MID	23.51	<=29.7	PASS
	Ant2	MID	24.03	<=29.7	PASS
	Ant3	MID	22.95	<=29.7	PASS
	total Ant0&1	MID	26.96	<=29.7	PASS
	total Ant0&3	MID	26.72	<=29.7	PASS
	total Ant2&1	MID	26.79	<=29.7	PASS
	total Ant2&3	MID	26.53	<=29.7	PASS
	Ant0	High	23.69	<=29.7	PASS
	Ant1	High	23.33	<=29.7	PASS
	Ant2	High	23.65	<=29.7	PASS
	Ant3	High	22.78	<=29.7	PASS
	total Ant0&1	High	26.52	<=29.7	PASS
	total Ant0&3	High	26.27	<=29.7	PASS
	total Ant2&1	High	26.50	<=29.7	PASS
	total Ant2&3	High	26.25	<=29.7	PASS
3M-CA	Ant0	Low	23.80	<=29.7	PASS
	Ant1	Low	23.86	<=29.7	PASS
	Ant2	Low	24.15	<=29.7	PASS
	Ant3	Low	23.16	<=29.7	PASS
	total Ant0&1	Low	26.84	<=29.7	PASS
	total Ant0&3	Low	26.50	<=29.7	PASS
	total Ant2&1	Low	27.02	<=29.7	PASS
	total Ant2&3	Low	26.69	<=29.7	PASS
	Ant0	MID	24.20	<=29.7	PASS
	Ant1	MID	23.71	<=29.7	PASS
	Ant2	MID	24.24	<=29.7	PASS
	Ant3	MID	23.03	<=29.7	PASS
	total Ant0&1	MID	26.97	<=29.7	PASS
	total Ant0&3	MID	26.66	<=29.7	PASS
	total Ant2&1	MID	26.99	<=29.7	PASS
	total Ant2&3	MID	26.69	<=29.7	PASS
	Ant0	High	24.06	<=29.7	PASS
	Ant1	High	23.62	<=29.7	PASS
	Ant2	High	23.75	<=29.7	PASS
	Ant3	High	23.17	<=29.7	PASS
	total Ant0&1	High	26.86	<=29.7	PASS
	total Ant0&3	High	26.65	<=29.7	PASS
	total Ant2&1	High	26.70	<=29.7	PASS
	total Ant2&3	High	26.48	<=29.7	PASS

Note: The test result comes from the original test report and just reduced the limit according to the new antenna gain.

SPOT CHECK TEST RESULTS

Mode	Frequency (MHz)	Antenna	Conducted AVG Output Power (dBm)				Limit (dBm)
			SISO (dBm)	SISO (mW)	Total (mW)	Total (dBm)	
1.4 MHz Mode	5726.5	1	23.71	234.96	486.73	26.87	<=29.7
		2	24.01	251.77			
1.4 MHz CA Mode	5728.12	1	23.78	238.78	471.05	26.73	<=29.7
		2	23.66	232.27			
3 MHz Mode	5787.5	0	24.01	251.77	485.65	26.86	<=29.7
		1	23.69	233.88			
3 MHz CA Mode	5730.2	1	23.20	208.93	438.54	26.42	<=29.7
		2	23.61	229.61			
10 MHz Mode	5786.5	2	13.45	22.13	42.41	16.27	<=29.7
		3	13.07	20.28			
20 MHz Mode	5839.5	0	13.03	20.09	37.07	15.69	<=29.7
		1	12.30	16.98			
40 MHz Mode	5745.5	0	13.27	21.23	39.94	16.01	<=29.7
		1	12.72	18.71			

7.3. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	☐ Outdoor Access Point: 17 dBm/MHz ☒ Indoor Access Point: 17 dBm/MHz ☐ Fixed Point-To-Point Access Points: 17 dBm/MHz ☐ Client Devices: 11 dBm/MHz	5150 ~ 5250
	11 dBm/MHz	5250 ~ 5350 5470 ~ 5725
	30 dBm/500kHz	5725 ~ 5850

Note:
The above limits are based upon the maximum antenna gain does not exceed 6 dBi.
If transmitting antennas of directional gain greater than 6 dBi are used, maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

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

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

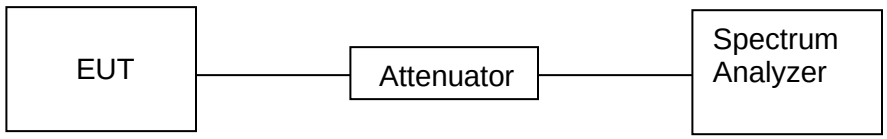
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1 MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

Allow trace to fully stabilize and Use the peak search function on the instrument to find the peak of the spectrum and record its value.
Add 10 log (1/x), where x is the duty cycle, to the peak of the spectrum, the result is the Maximum PSD over 1 MHz / 500 kHz reference bandwidth.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.5 °C	Relative Humidity	59 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 6.8 V

RESULTS

Test Mode	Antenna	Channel	Result [dBm/500 kHz]	Limit[dBm/500 kHz]	Verdict
20M	Ant0	5735.5	-0.23	<=26.69	PASS
	Ant1	5735.5	-0.71	<=26.69	PASS
	total	5735.5	2.55	<=26.69	PASS
	Ant0	5786.5	-0.08	<=26.69	PASS
	Ant1	5786.5	-0.05	<=26.69	PASS
	total	5786.5	2.95	<=26.69	PASS
	Ant0	5839.5	-0.04	<=26.69	PASS
	Ant1	5839.5	0.17	<=26.69	PASS
	total	5839.5	3.08	<=26.69	PASS
40M	Ant0	5745.5	-3.37	<=26.69	PASS
	Ant1	5745.5	-3.68	<=26.69	PASS
	total	5745.5	-0.51	<=26.69	PASS
	Ant0	5786.5	-4.16	<=26.69	PASS
	Ant1	5786.5	-4.54	<=26.69	PASS
	total	5786.5	-1.34	<=26.69	PASS
	Ant0	5829.5	-1.56	<=26.69	PASS
	Ant1	5829.5	-3.63	<=26.69	PASS
	total	5829.5	0.54	<=26.69	PASS
10M	Ant0	5730.5	1.25	<=26.69	PASS
	Ant1	5730.5	2.03	<=26.69	PASS
	total	5730.5	4.67	<=26.69	PASS
	Ant0	5786.5	1.95	<=26.69	PASS
	Ant1	5786.5	1.78	<=26.69	PASS
	total	5786.5	4.88	<=26.69	PASS
	Ant0	5844.5	1.33	<=26.69	PASS
	Ant1	5844.5	1.91	<=26.69	PASS
	total	5844.5	4.64	<=26.69	PASS
1.4M	Ant0	5726.5	19.16	<=26.69	PASS
	Ant1	5726.5	20.94	<=26.69	PASS
	total	5726.5	23.15	<=26.69	PASS
	Ant0	5786.5	20.76	<=26.69	PASS
	Ant1	5786.5	21.90	<=26.69	PASS
	total	5786.5	24.38	<=26.69	PASS
	Ant0	5846.5	21.82	<=26.69	PASS
	Ant1	5846.5	21.90	<=26.69	PASS
	total	5786.5	24.87	<=26.69	PASS
1.4.M CA	Ant0	5728.12	22.42	<=26.69	PASS
	Ant1	5728.12	22.88	<=26.69	PASS
	total	5728.12	25.67	<=26.69	PASS
	Ant0	5788.12	21.66	<=26.69	PASS
	Ant1	5788.12	22.44	<=26.69	PASS
	total	5788.12	25.08	<=26.69	PASS
	Ant0	5848.12	20.29	<=26.69	PASS
	Ant1	5848.12	20.90	<=26.69	PASS
	total	5848.12	23.62	<=26.69	PASS
3M	Ant0	5727.5	18.40	<=26.69	PASS
	Ant1	5727.5	19.69	<=26.69	PASS
	total	5727.5	22.10	<=26.69	PASS
	Ant0	5787.5	17.80	<=26.69	PASS
	Ant1	5787.5	18.30	<=26.69	PASS
	total	5787.5	21.07	<=26.69	PASS
	Ant0	5844.5	16.89	<=26.69	PASS
	Ant1	5844.5	18.98	<=26.69	PASS
	total	5844.5	21.07	<=26.69	PASS
3M CA	Ant0	5730.2	18.09	<=26.69	PASS
	Ant1	5730.2	18.61	<=26.69	PASS
	total	5730.2	21.37	<=26.69	PASS
	Ant0	5790.2	17.83	<=26.69	PASS
	Ant1	5790.2	18.92	<=26.69	PASS

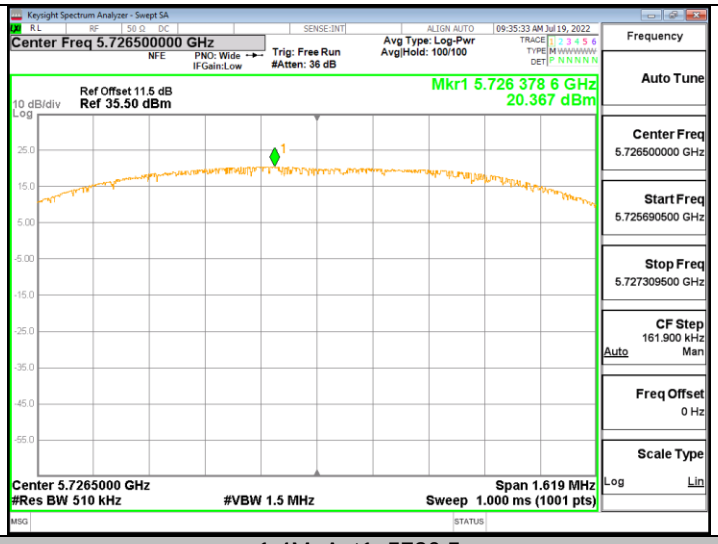
	total	5790.2	21.42	<=26.69	PASS
	Ant0	5847.2	16.96	<=26.69	PASS
	Ant1	5847.2	17.94	<=26.69	PASS
	total	5847.2	20.49	<=26.69	PASS

Note: The test result comes from the original test report and just reduced the limit according to the new antenna gain.

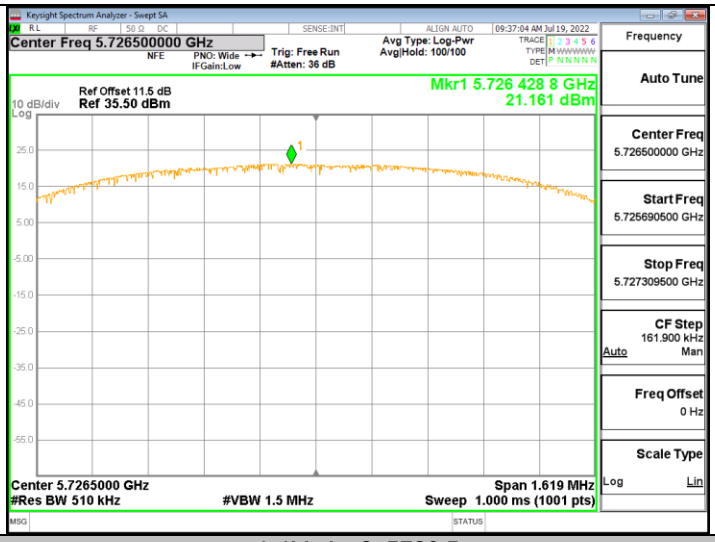
SPOT CHECK TEST RESULTS

Mode	Frequency (MHz)	Antenna	Power Spectral Density (dBm/500 kHz)				Limit (dBm/500 kHz)
			SISO (dBm)	SISO (mW)	Total (mW)	Total (dBm)	
1.4 MHz Mode	5726.5	1	20.36	108.64	239.26	23.79	<=26.69
		2	21.16	130.62			
1.4 MHz CA Mode	5728.12	1	22.63	183.40	374.56	25.74	<=26.69
		2	22.81	191.16			
3 MHz Mode	5787.5	0	18.43	69.73	144.80	21.61	<=26.69
		1	18.76	75.08			
3 MHz CA Mode	5730.2	1	18.67	73.62	144.51	21.60	<=26.69
		2	18.51	70.89			
10 MHz Mode	5786.5	2	2.17	1.65	3.17	5.00	<=26.69
		3	1.81	1.52			
20 MHz Mode	5839.5	0	-1.18	0.76	1.40	1.45	<=26.69
		1	-1.98	0.63			
40 MHz Mode	5745.5	0	-3.46	0.45	0.82	-0.87	<=26.69
		1	-4.35	0.37			

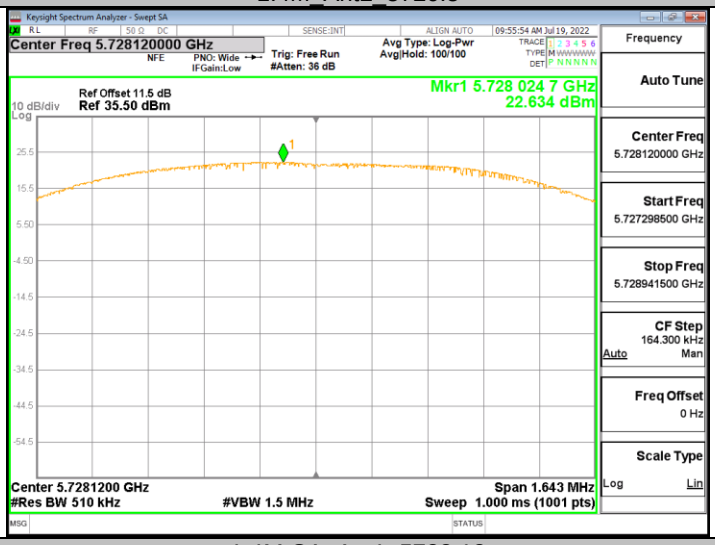
SPOT CHECK TEST GRAPHS



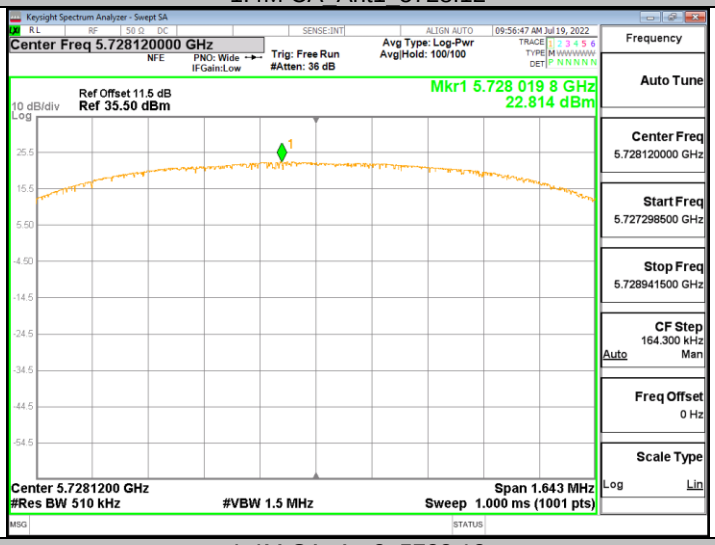
1.4M_Ant1_5726.5



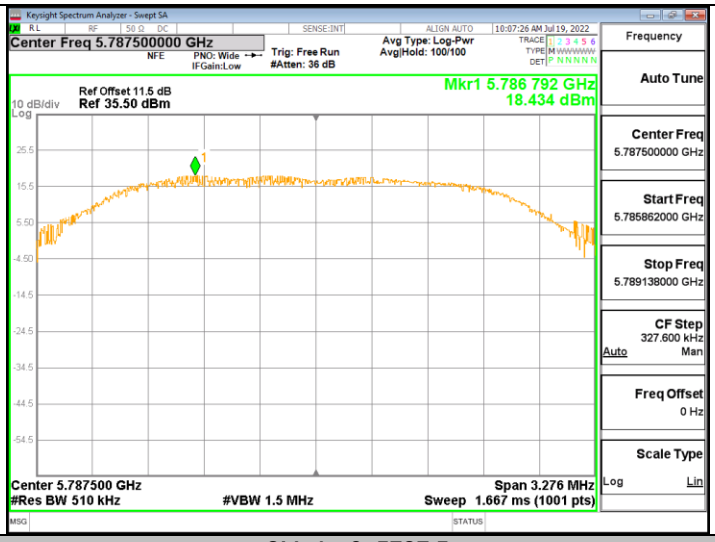
1.4M_Ant2_5726.5



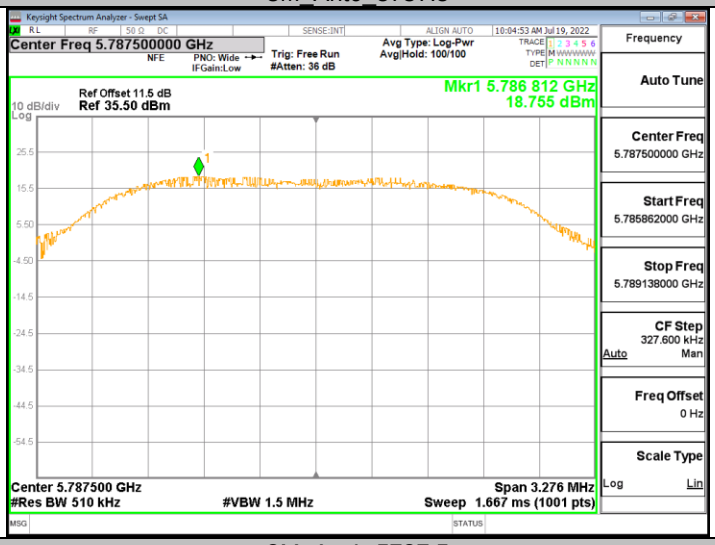
1.4M CA_Ant1_5728.12



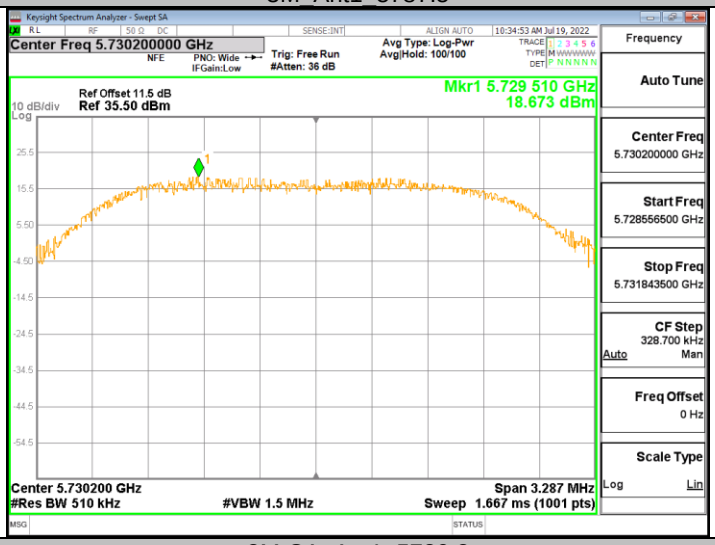
1.4M CA_Ant2_5728.12



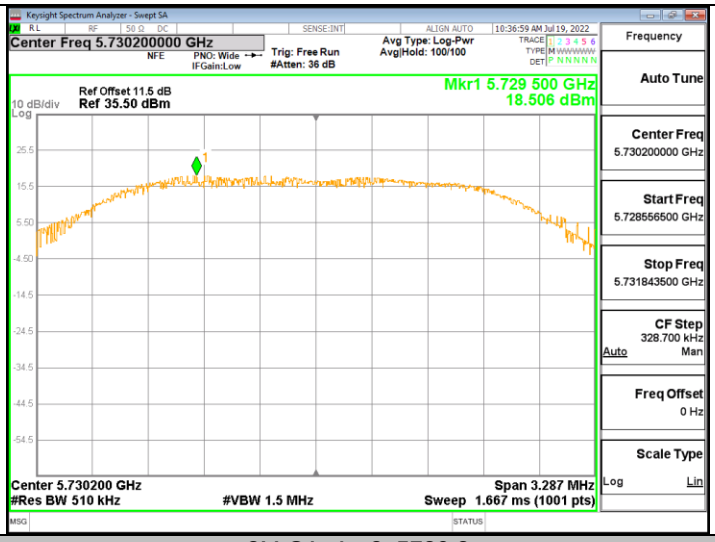
3M_Ant0_5787.5



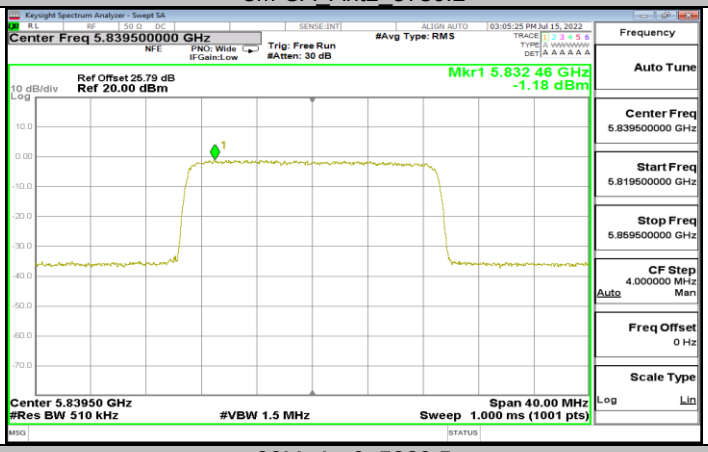
3M_Ant1_5787.5



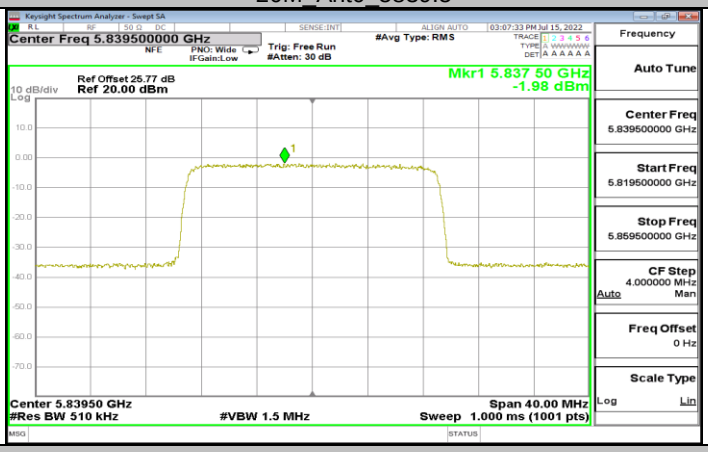
3M CA_Ant1_5730.2



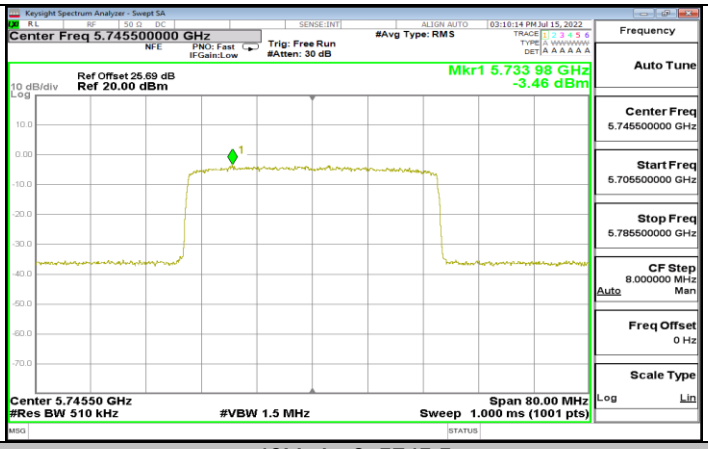
3M CA_Ant2_5730.2



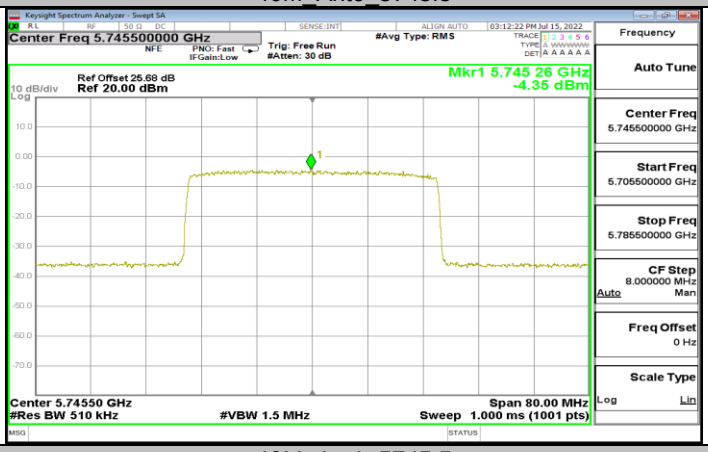
20M_Ant0_5839.5



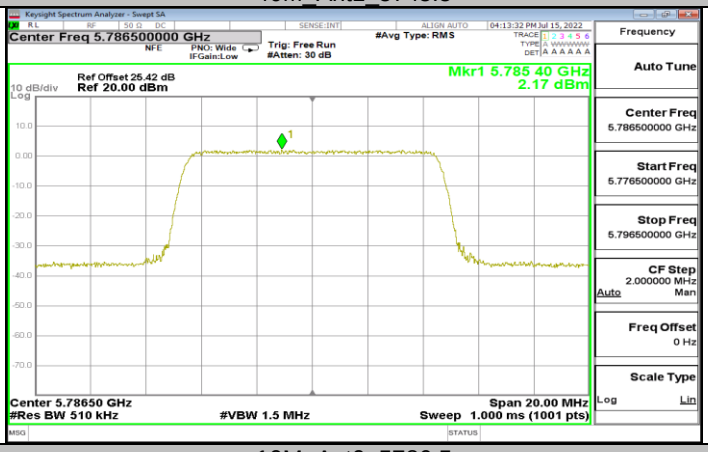
20M_Ant1_5839.5



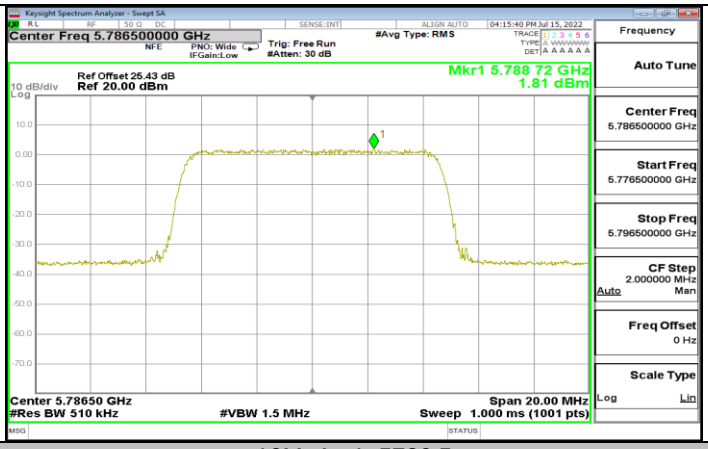
40M_Ant0_5745.5



40M_Ant1_5745.5



10M_Ant0_5786.5



10M_Ant1_5786.5

8. RADIATED TEST RESULTS

LIMITS

Refer to CFR 47 FCC §15.205, §15.209 and §15.407 (b).

Radiation Disturbance Test Limit for FCC (Class B) (9 kHz ~ 1 GHz)

Emissions radiated outside of the specified frequency bands above 30 MHz			
Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m	
		Quasi-Peak	
30 - 88	100	40	
88 - 216	150	43.5	
216 - 960	200	46	
Above 960	500	54	
Above 1000	500	Peak	Average
		74	54

FCC Emissions radiated outside of the specified frequency bands below 30 MHz		
Frequency (MHz)	Field strength (microvolts/meter)	Measurement distance (meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30

FCC Restricted bands of operation refer to FCC §15.205 (a):

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			

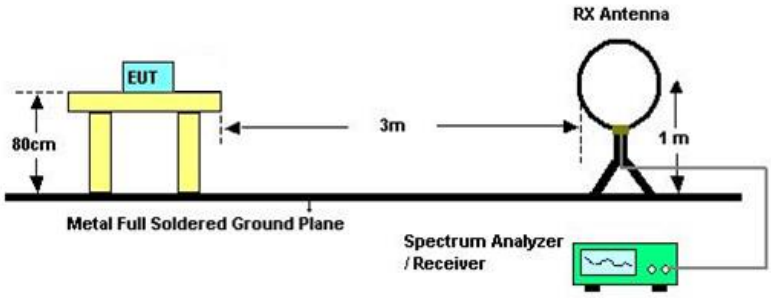
Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b).

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

TEST SETUP AND PROCEDURE

Below 30 MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.4.

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

3. The EUT was placed on a turntable with 80 cm above ground.

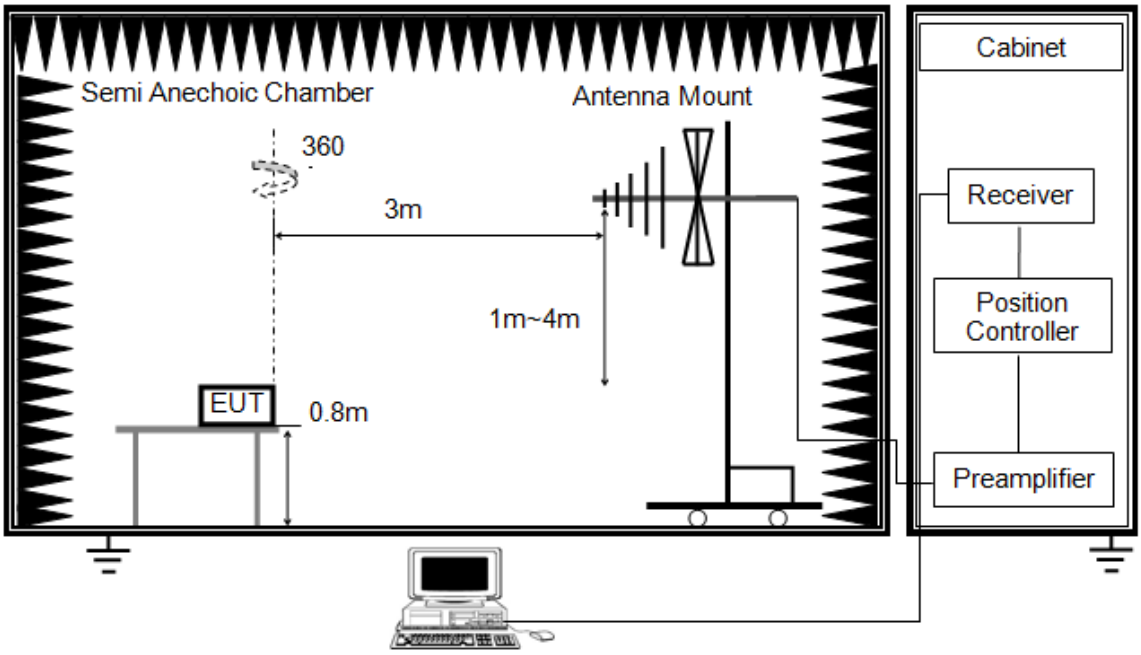
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a 1 m height antenna tower.

5. The radiated emission limits are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90 kHz, 110-490 kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector.

6. For measurement below 1 GHz, 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 and average 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 and average detector and reported.

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 30 m open field site. Therefore sufficient tests were made to demonstrate that the alternative site produces results that correlate with the ones of tests made in an open field site based on KDB 414788.

Below 1 GHz and above 30 MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 6.5.

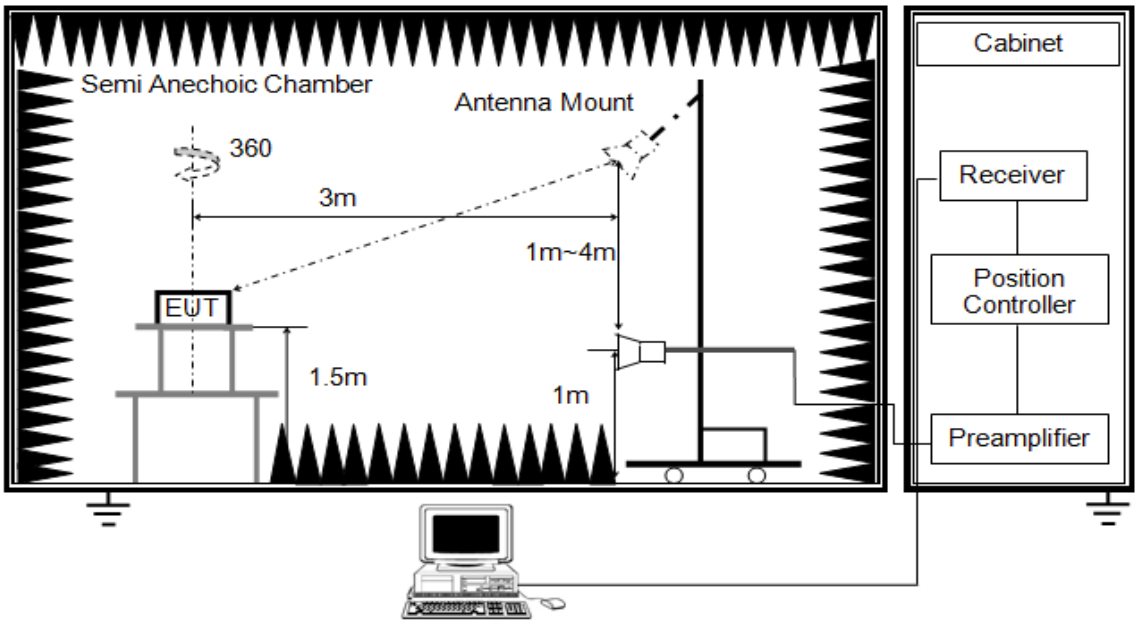
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

3. The EUT was placed on a turntable with 80 cm 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 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured. If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

Above 1 GHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.G.3 ~ II.G.6.

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.

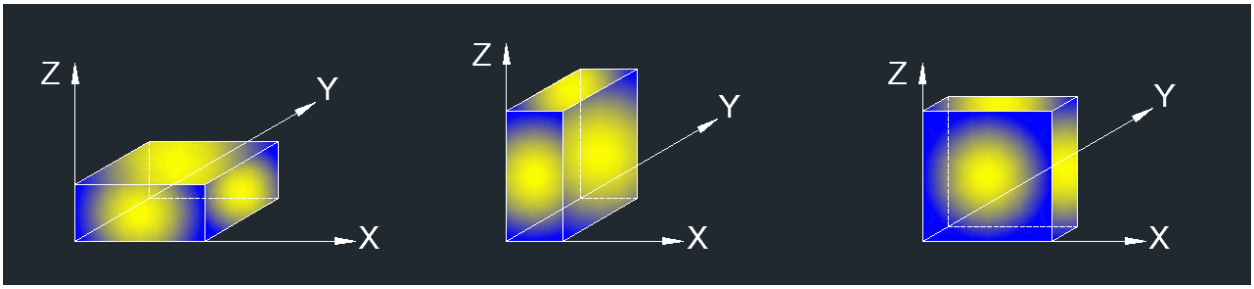
3. The EUT was placed on a turntable with 1.5 m above ground.

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 1 GHz, the emission measurement will be measured by the peak detector. This peak level, once corrected, must comply with the limit specified in Section 15.209.

6. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, then the video bandwidth is set to 3 MHz for peak measurements and 1 MHz resolution bandwidth with 1/T video bandwidth with peak detector for average measurements. For the Duty Cycle please refer to clause 7.1.ON TIME AND DUTY CYCLE.

X axis, Y axis, Z axis positions:



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

Note 2: The EUT do not support transmit simultaneously for SRD 2.4G and SRD 5G.

Note 3: The EUT was fully exercised with external accessories during the test. In the case of multiple accessory external ports, an external accessory shall be connected to one of each type of port.

TEST ENVIRONMENT

Temperature	24.3 °C	Relative Humidity	61 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 6.8 V

RESULTS

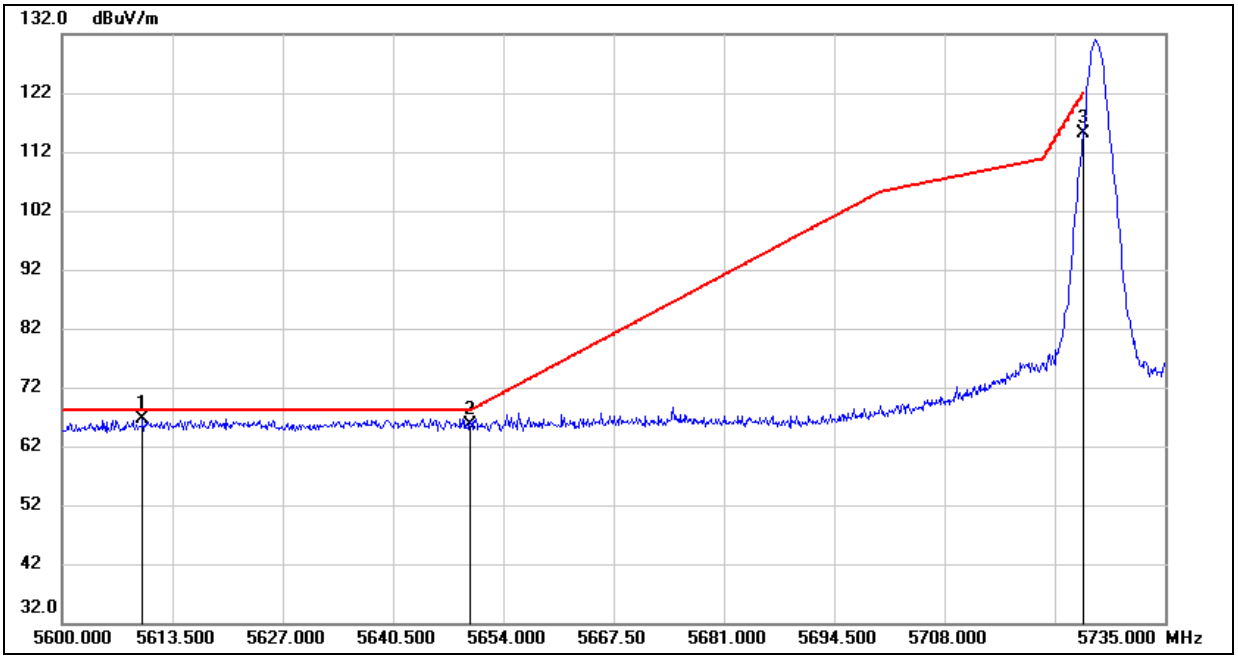
8.1. RESTRICTED BANDEDGE

8.1.1. 5 GHz SRD 1.4 MHz MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

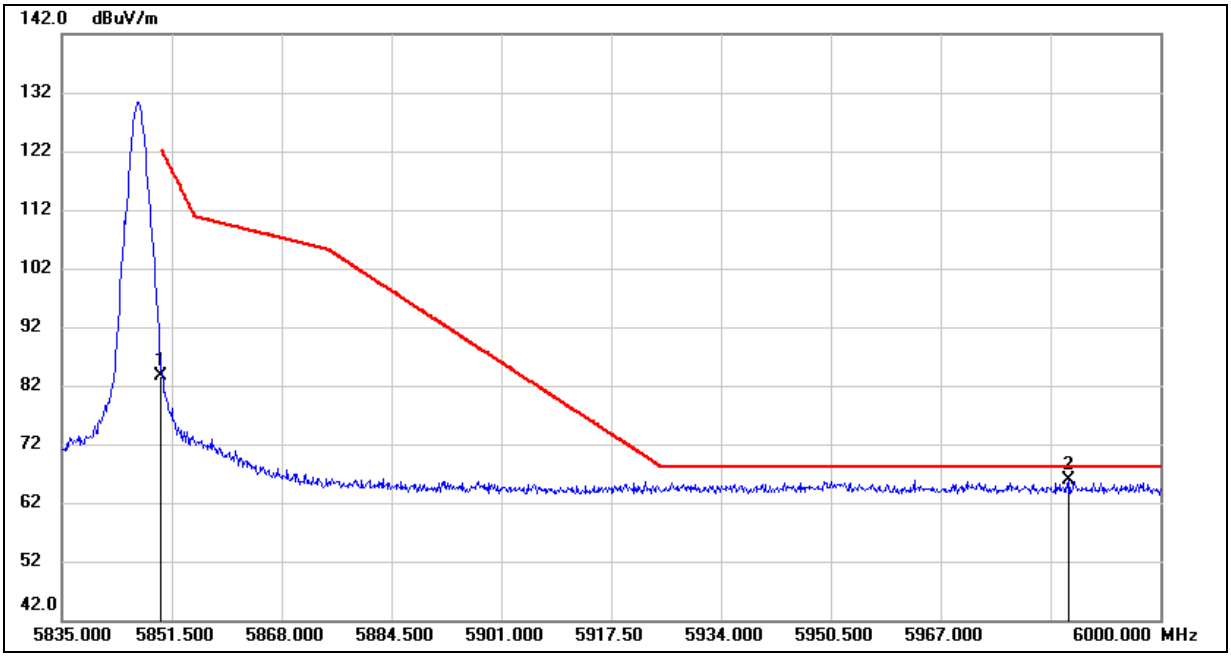


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.855	25.76	40.95	66.71	68.20	-1.49	peak
2	5650.000	24.58	41.06	65.64	68.20	-2.56	peak
3	5725.000	73.78	41.27	115.05	122.20	-7.15	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	42.00	41.60	83.60	122.20	-38.60	peak
2	5986.305	23.86	41.97	65.83	68.20	-2.37	peak

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

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

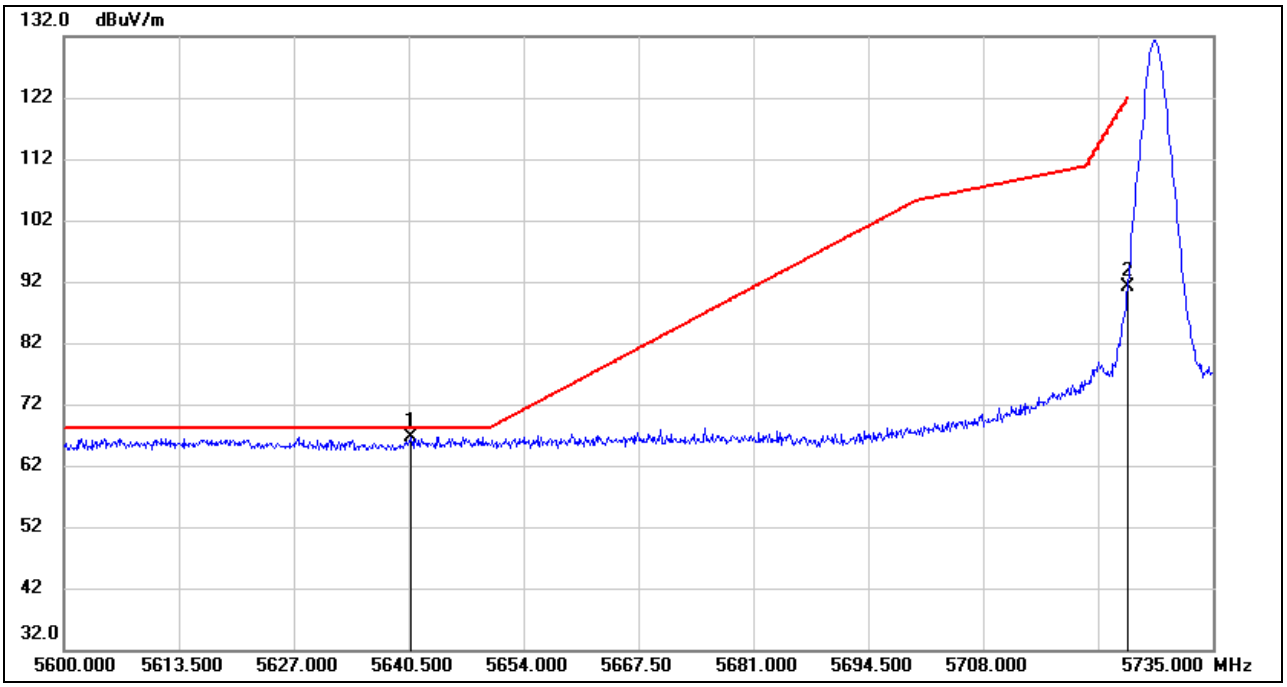
Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.1. 5 GHz SRD 1.4 MHz CA MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

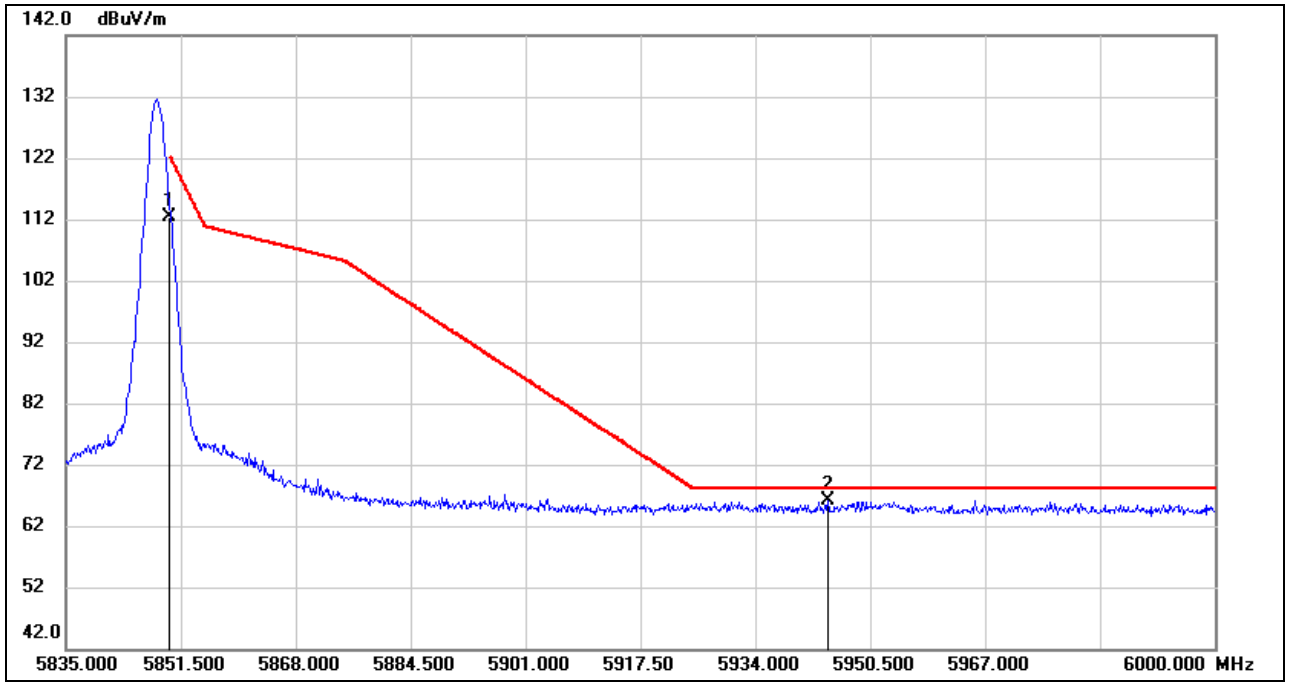


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5640.770	25.71	41.04	66.75	68.20	-1.45	peak
2	5725.000	49.86	41.27	91.13	122.20	-31.07	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	70.79	41.60	112.39	122.20	-9.81	peak
2	5944.395	24.40	41.85	66.25	68.20	-1.95	peak

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

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

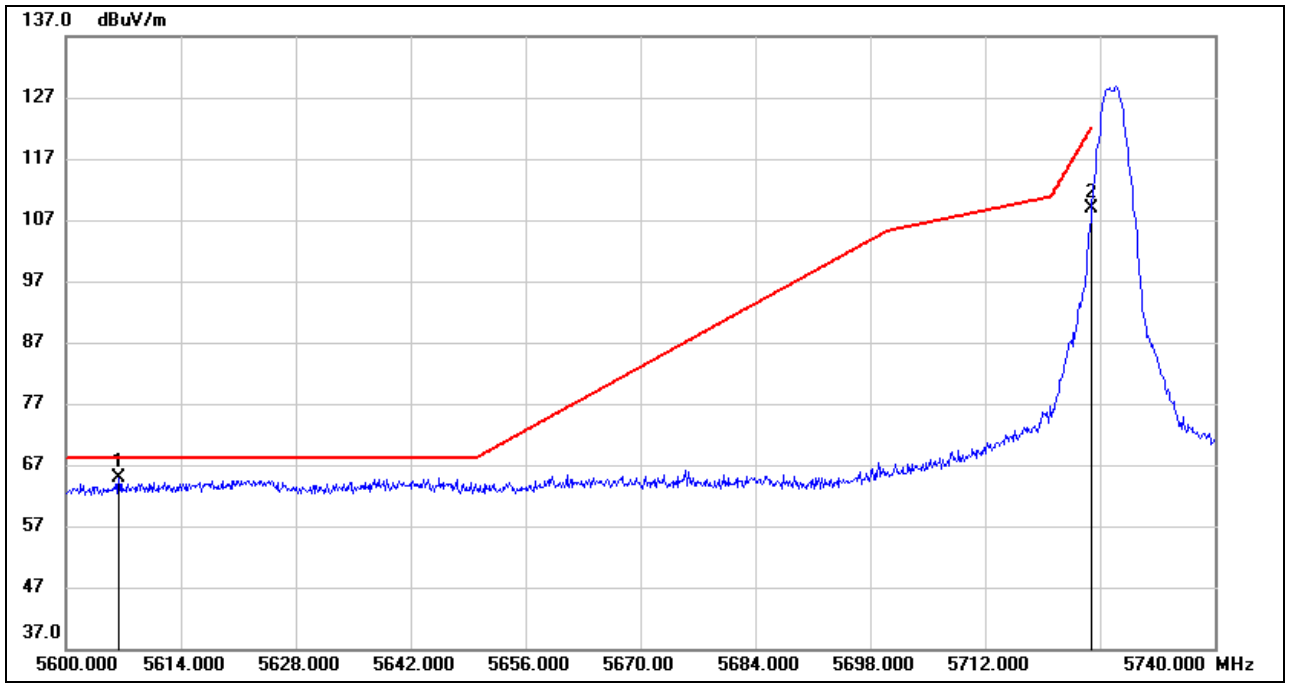
Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.2. 5 GHz SRD 3 MHz MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

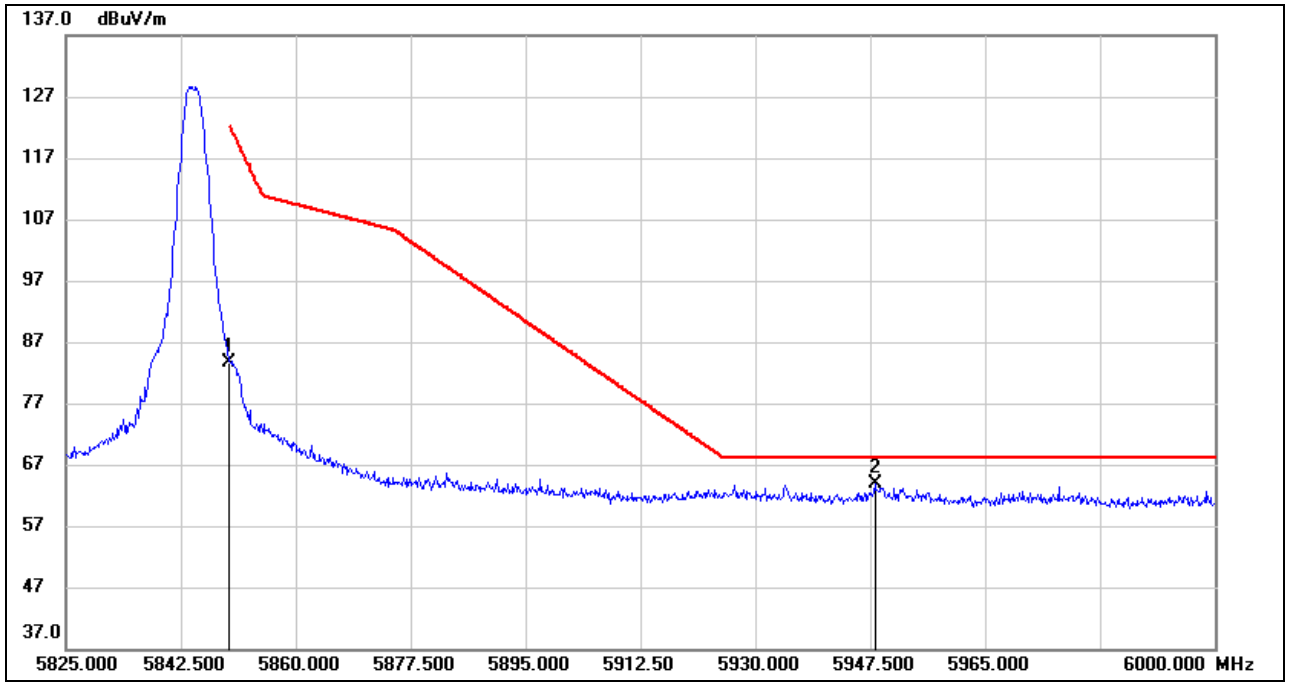


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5606.440	24.03	40.95	64.98	68.20	-3.22	peak
2	5725.000	67.61	41.27	108.88	122.20	-13.32	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	41.95	41.60	83.55	122.20	-38.65	peak
2	5948.200	21.91	41.86	63.77	68.20	-4.43	peak

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

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

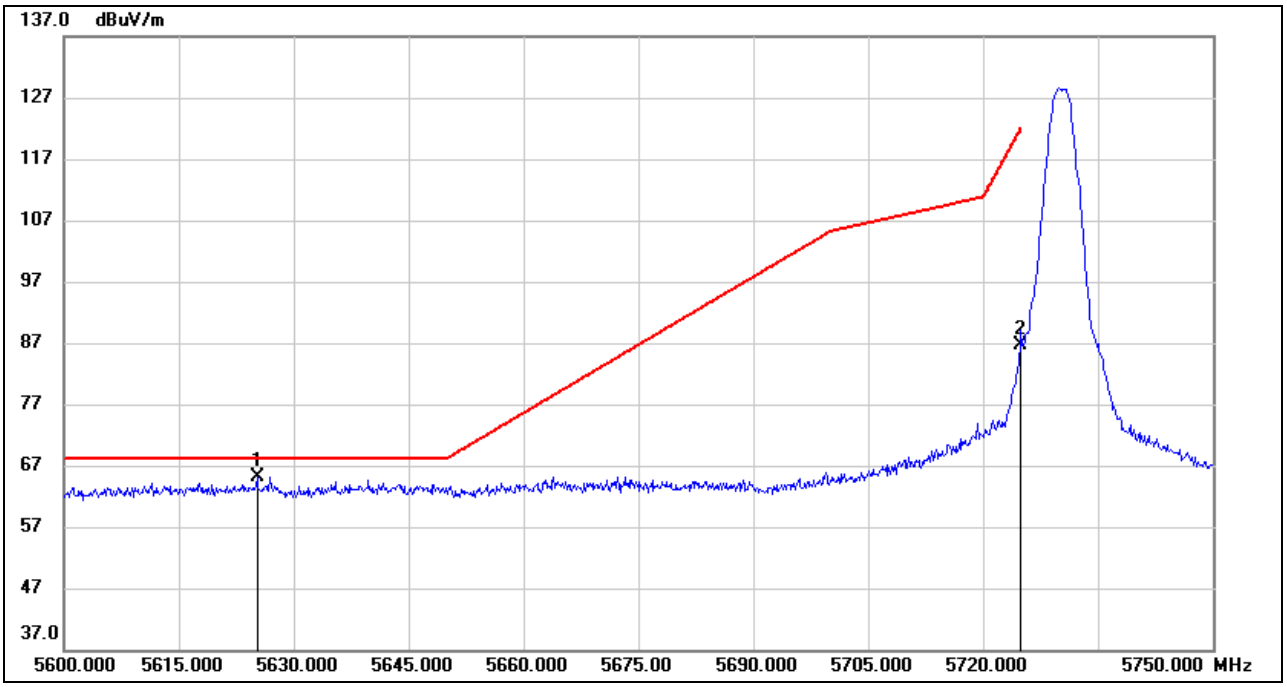
Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.3. 5 GHz SRD 3 MHz CA MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

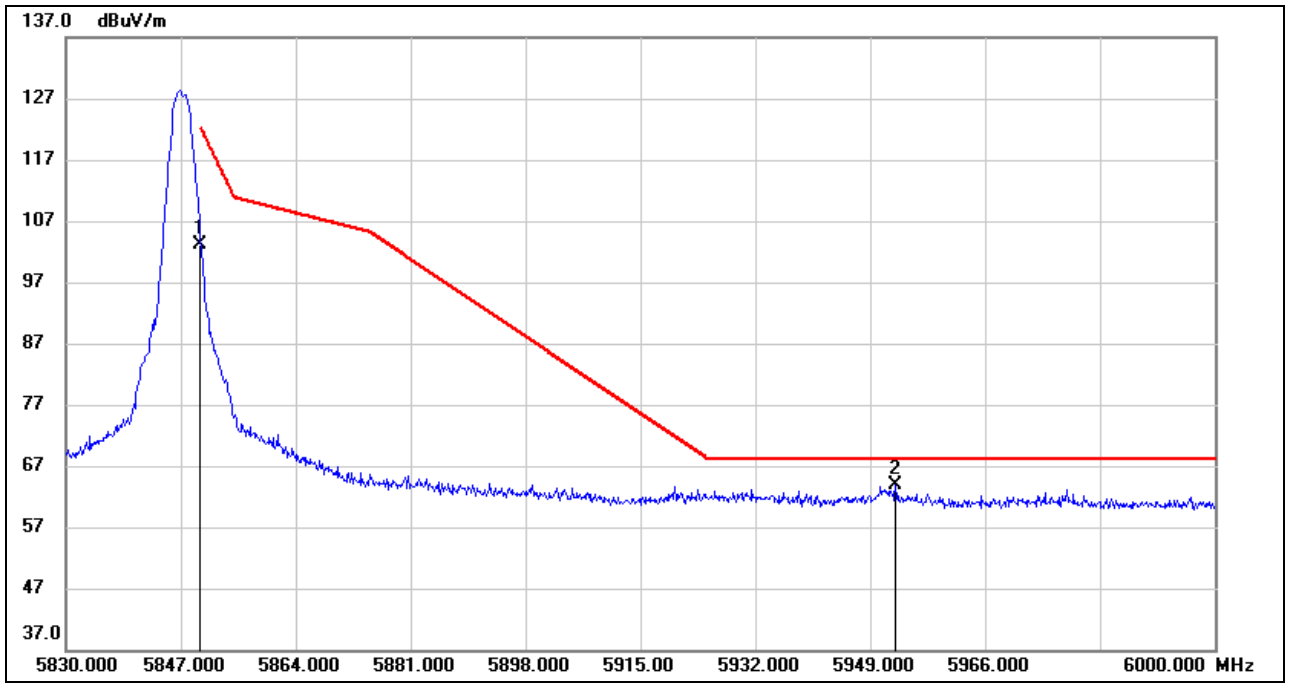


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.200	24.23	41.00	65.23	68.20	-2.97	peak
2	5725.000	45.41	41.27	86.68	122.20	-35.52	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	61.41	41.60	103.01	122.20	-19.19	peak
2	5952.740	22.09	41.87	63.96	68.20	-4.24	peak

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

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

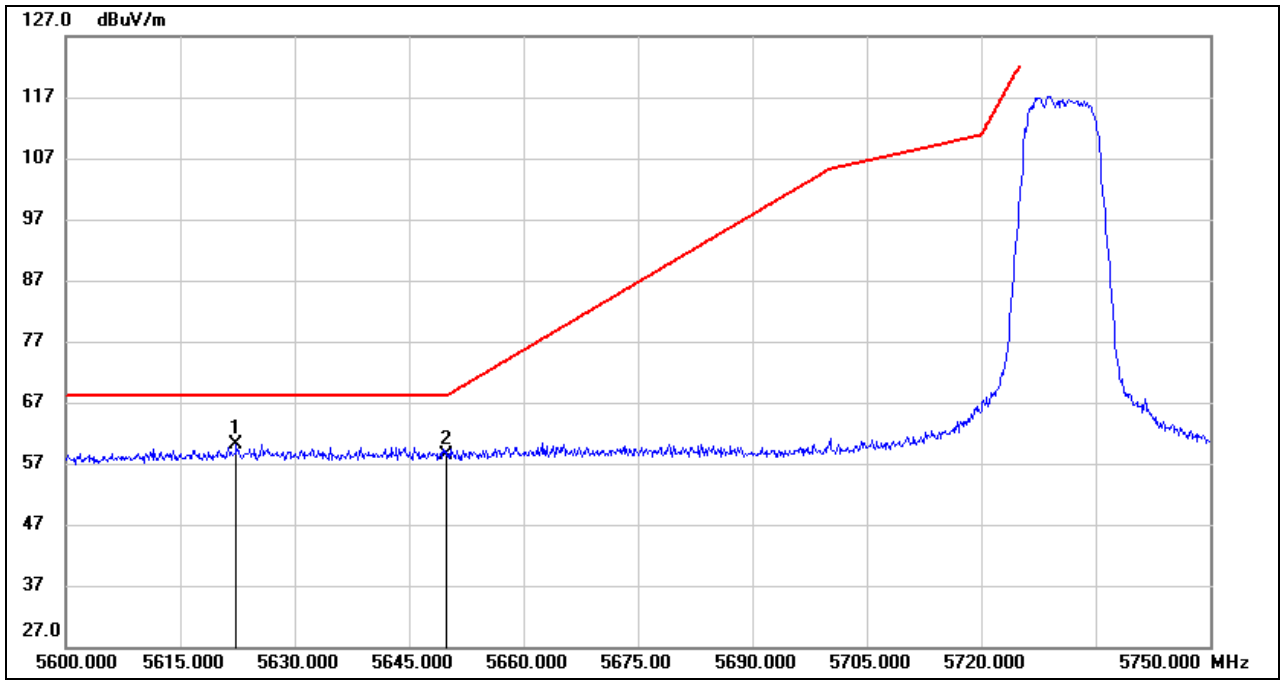
Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.4. 5 GHz SRD 10 MHz MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

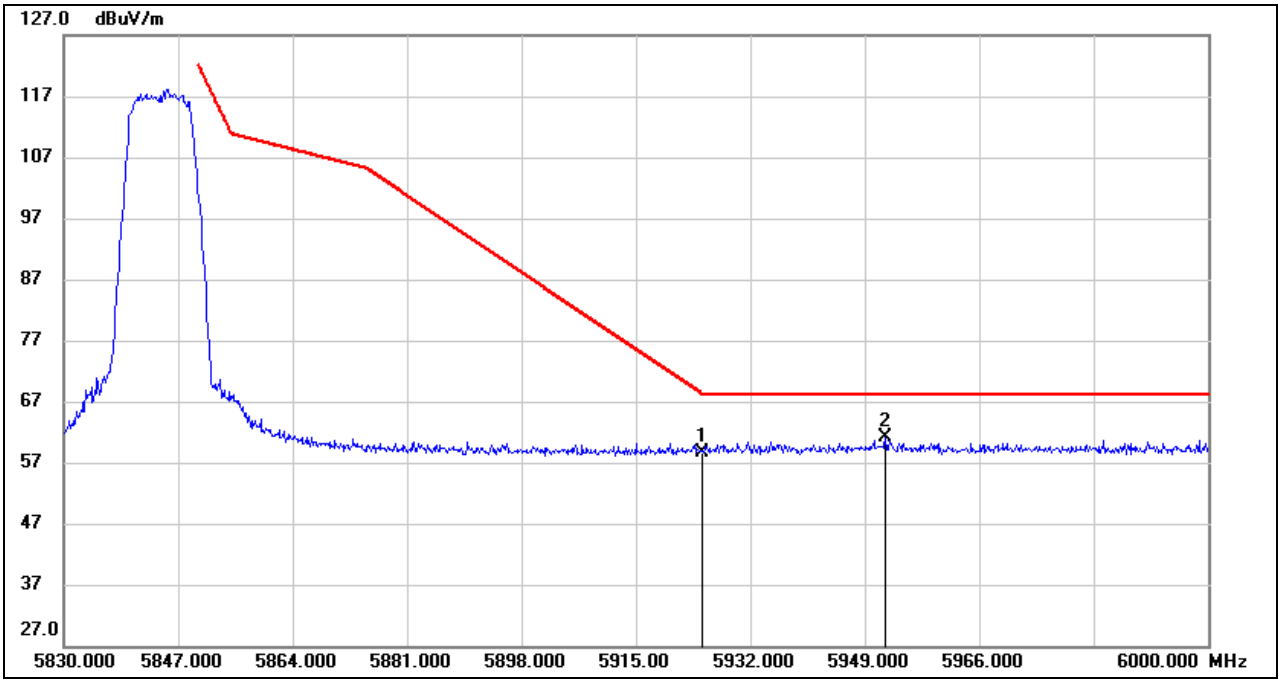


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.350	19.06	40.99	60.05	68.20	-8.15	peak
2	5650.000	17.30	41.06	58.36	68.20	-9.84	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	16.85	41.80	58.65	68.20	-9.55	peak
2	5952.060	19.21	41.87	61.08	68.20	-7.12	peak

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

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

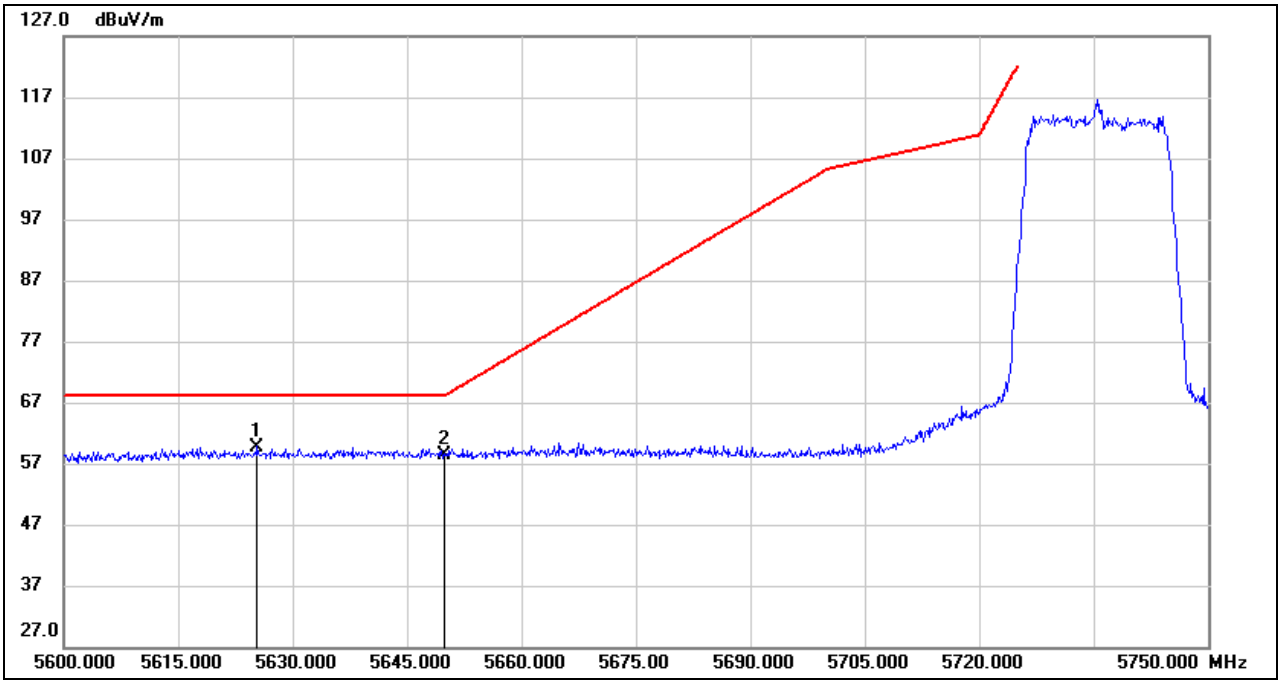
Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.5. 5 GHz SRD 20 MHz MODE

UNII-3 BAND

RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)

PEAK

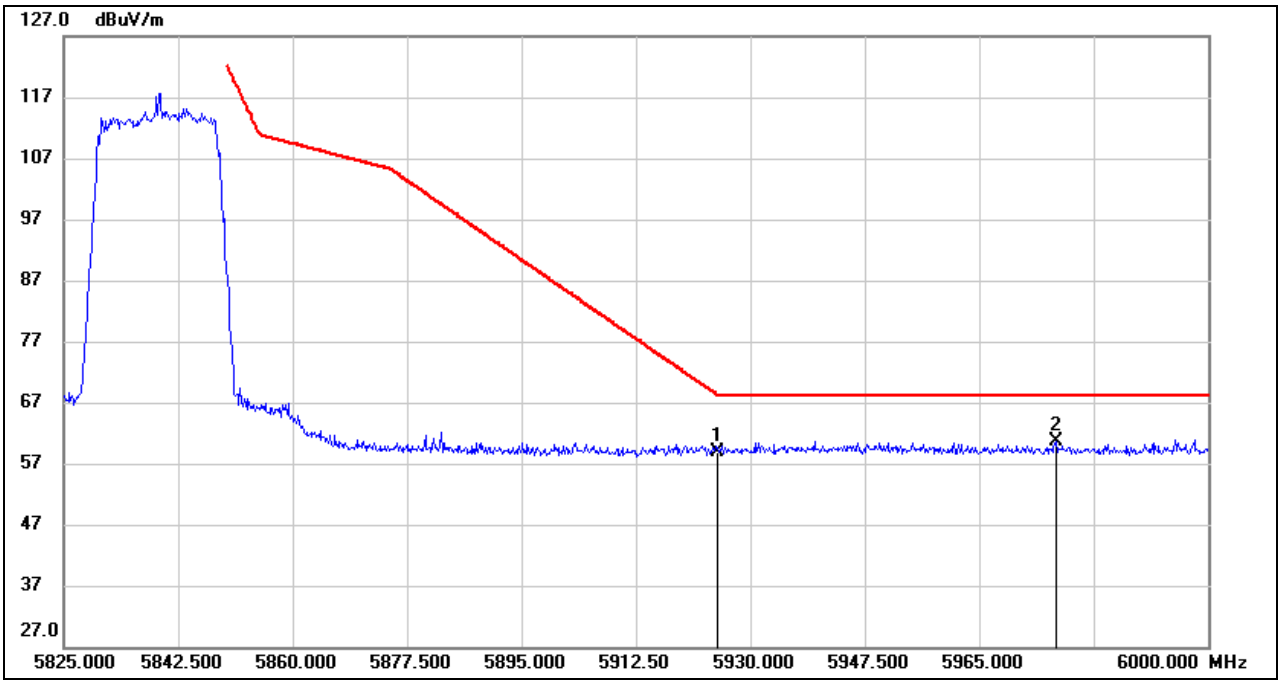


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.350	18.75	41.00	59.75	68.20	-8.45	peak
2	5650.000	17.43	41.06	58.49	68.20	-9.71	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)

PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	17.18	41.80	58.98	68.20	-9.22	peak
2	5976.725	18.61	41.94	60.55	68.20	-7.65	peak

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

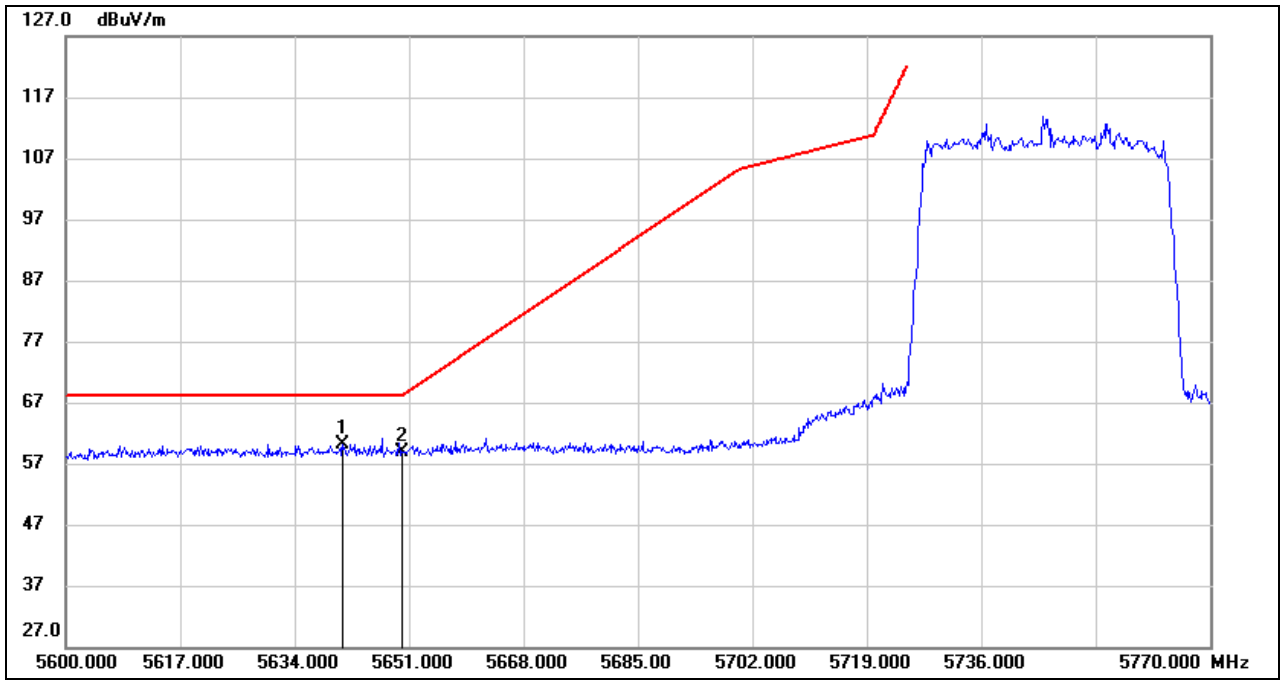
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

8.1.6. 5 GHz SRD 40 MHz MODE

UNII-3 BAND

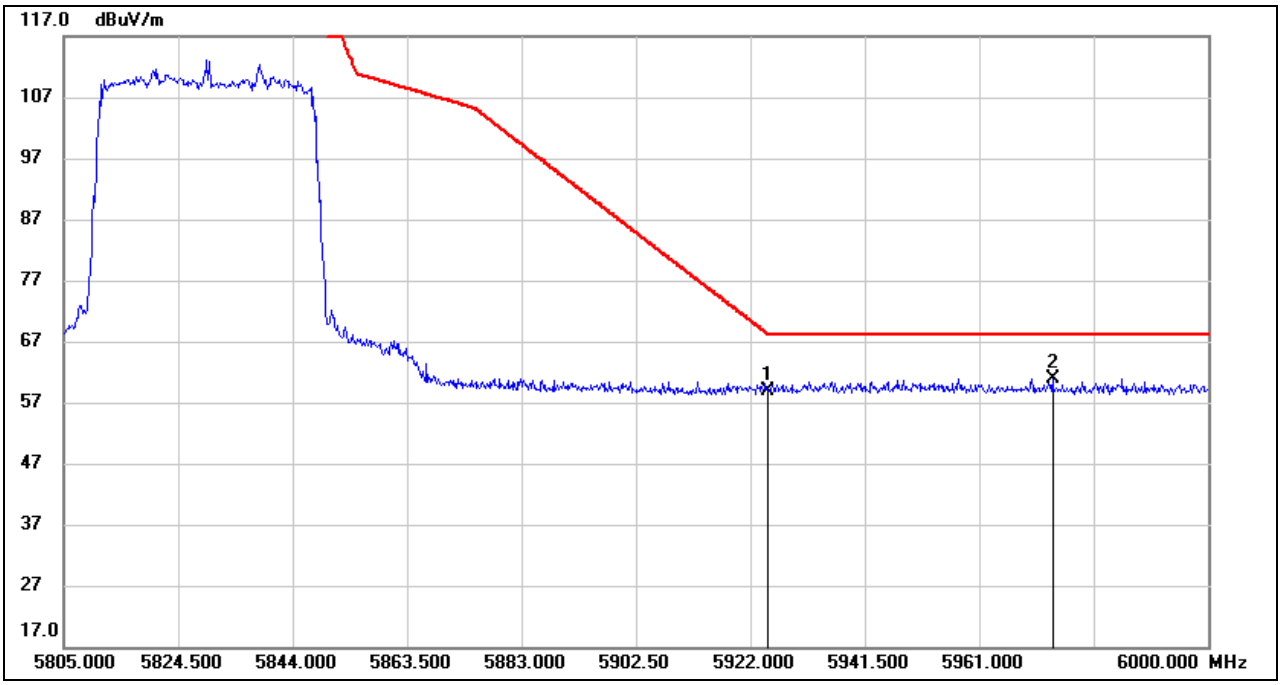
RESTRICTED BANDEDGE (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5641.140	19.12	41.04	60.16	68.20	-8.04	peak
2	5650.000	17.72	41.06	58.78	68.20	-9.42	peak

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

RESTRICTED BANDEDGE (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5925.000	17.14	41.80	58.94	68.20	-9.26	peak
2	5973.480	19.05	41.93	60.98	68.20	-7.22	peak

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

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

Note: Both horizontal and vertical had been tested, but only the worst data was recorded in the report.

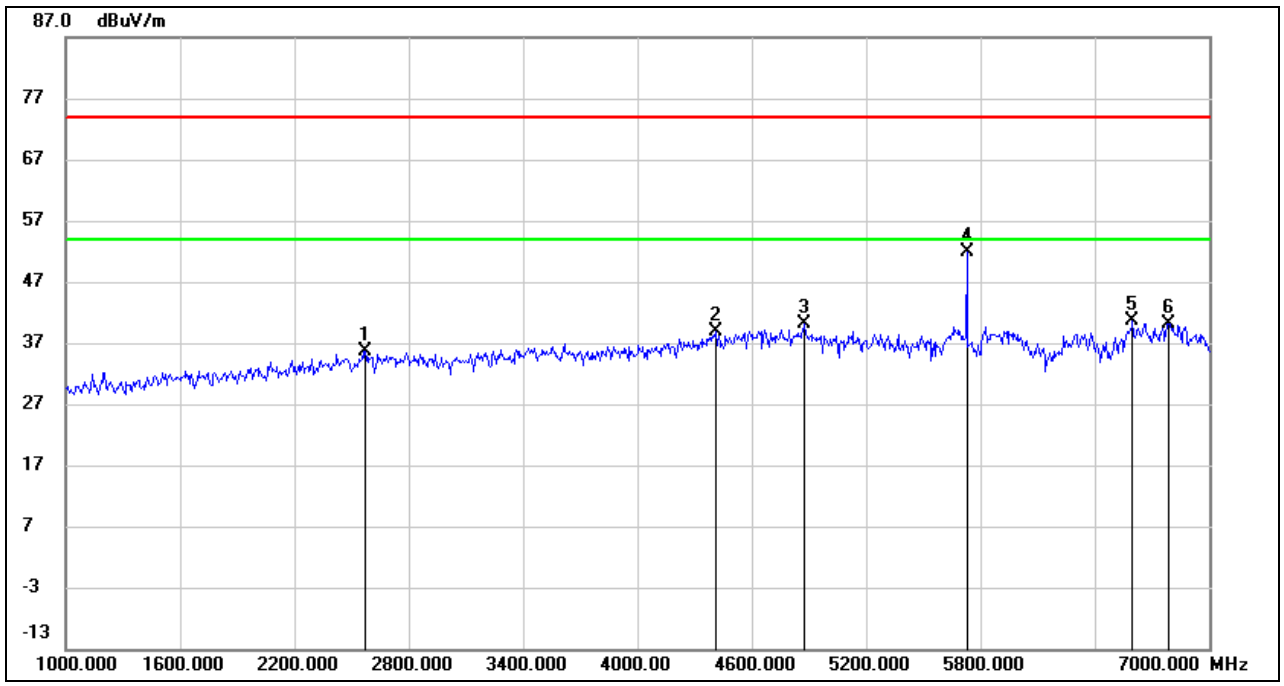
8.2. SPURIOUS EMISSIONS (1 GHz ~ 7 GHz)

8.2.1. 5 GHz SRD 1.4 MHz MODE

UNII-3 BAND

TEST RESULTS (WORST CASE)

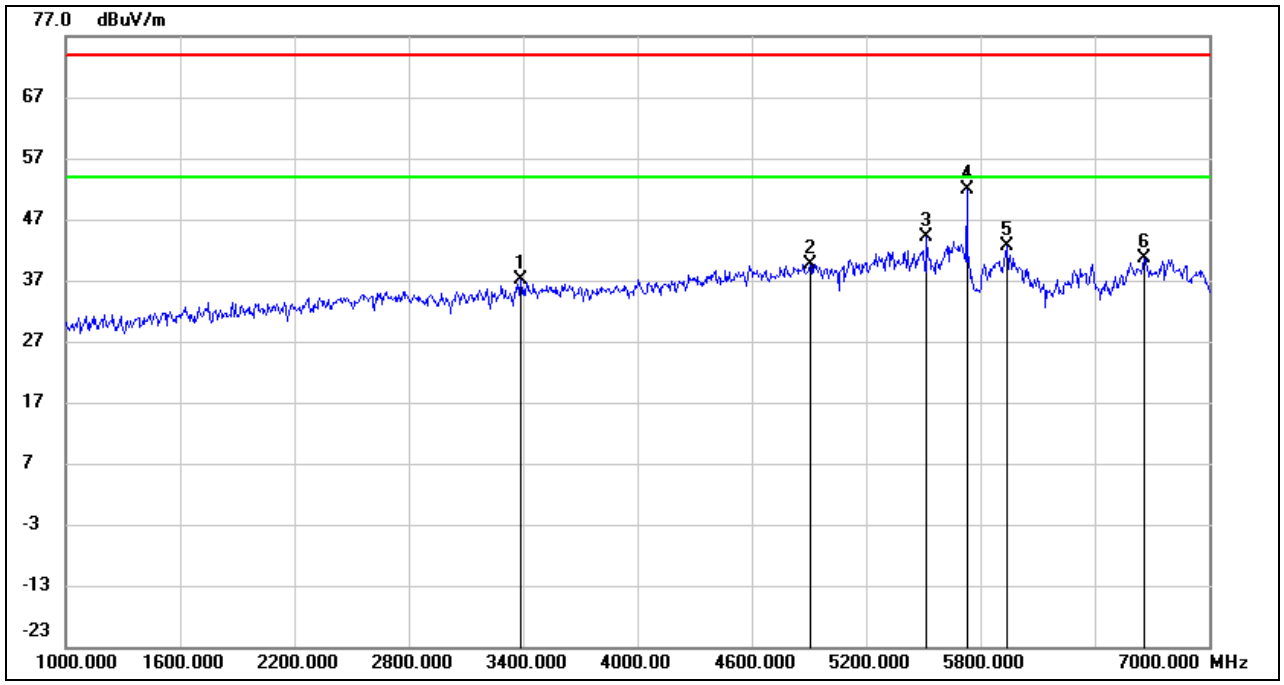
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2572.000	44.02	-8.27	35.75	74.00	-38.25	peak
2	4414.000	41.42	-2.54	38.88	74.00	-35.12	peak
3	4876.000	40.65	-0.64	40.01	74.00	-33.99	peak
4	5728.000	50.71	1.07	51.78	74.00	-22.22	peak
5	6598.000	36.37	4.21	40.58	74.00	-33.42	peak
6	6790.000	35.02	5.15	40.17	74.00	-33.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

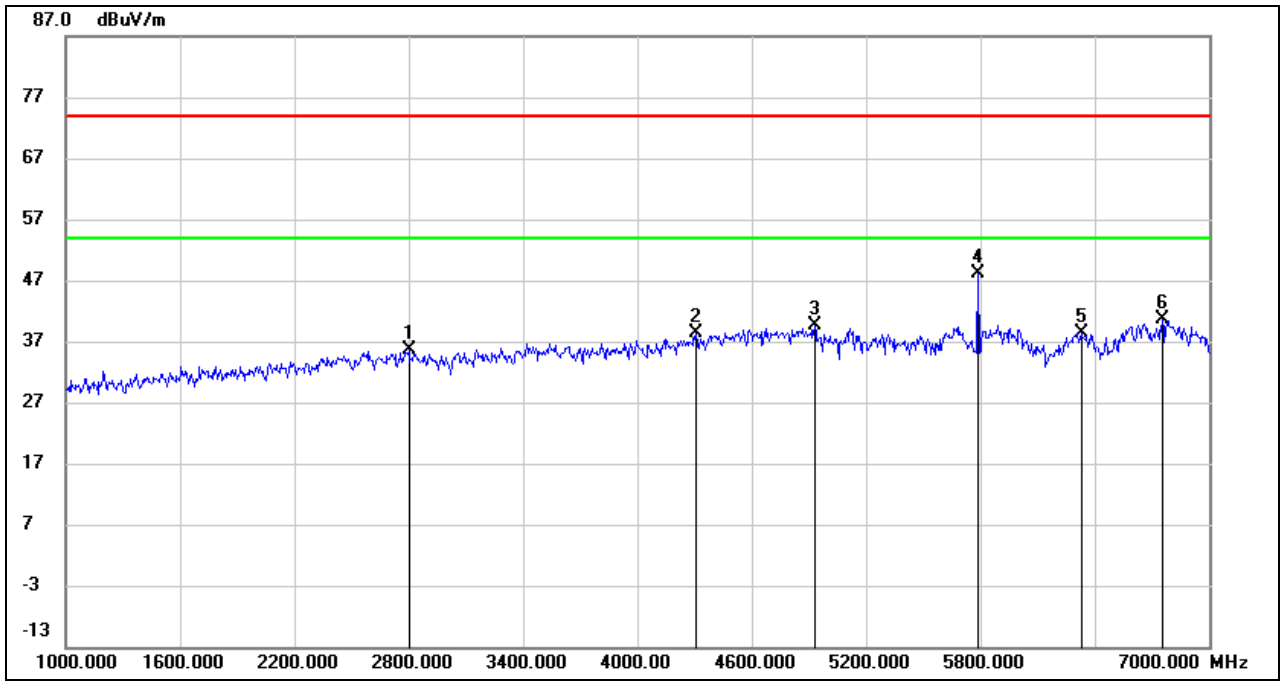
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3388.000	43.18	-6.10	37.08	74.00	-36.92	peak
2	4906.000	40.19	-0.53	39.66	74.00	-34.34	peak
3	5518.000	43.54	0.47	44.01	74.00	-29.99	peak
4	5728.000	50.86	1.07	51.93	74.00	-22.07	peak
5	5938.000	40.94	1.67	42.61	74.00	-31.39	peak
6	6658.000	36.06	4.49	40.55	74.00	-33.45	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

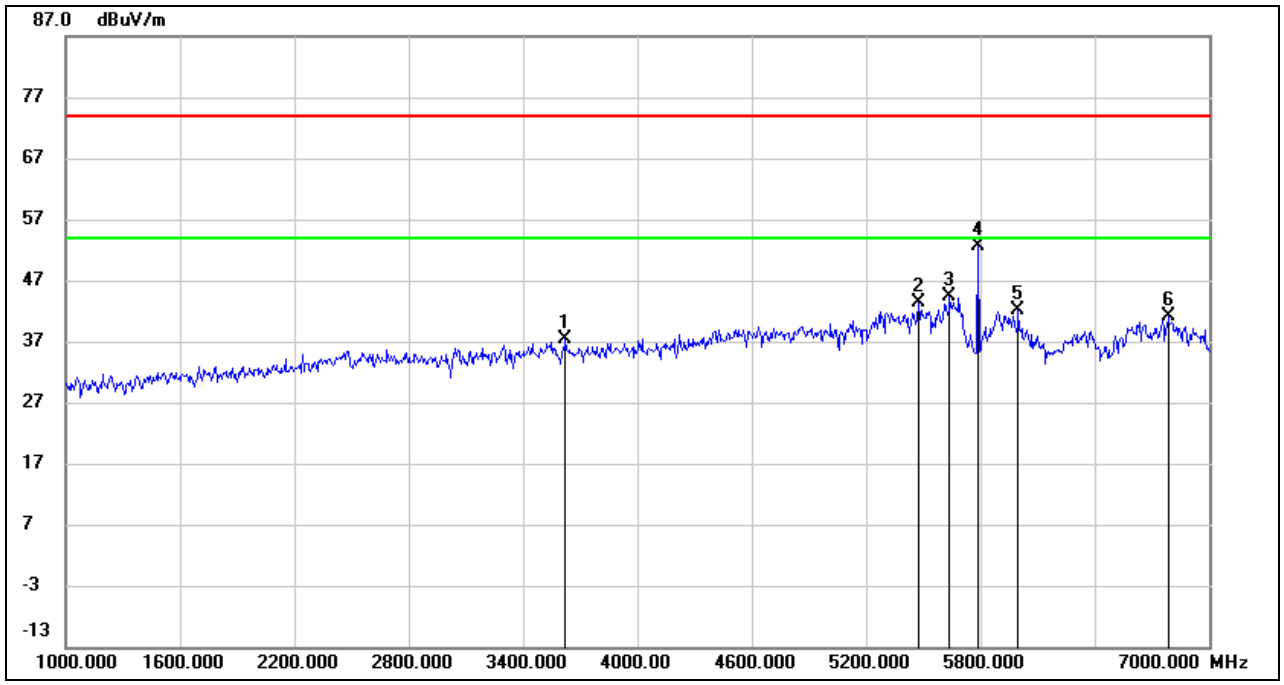
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2800.000	43.18	-7.58	35.60	74.00	-38.40	peak
2	4306.000	41.31	-3.05	38.26	74.00	-35.74	peak
3	4930.000	40.08	-0.43	39.65	74.00	-34.35	peak
4	5788.000	46.96	1.25	48.21	74.00	-25.79	peak
5	6328.000	35.36	3.08	38.44	74.00	-35.56	peak
6	6754.000	35.61	4.98	40.59	74.00	-33.41	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

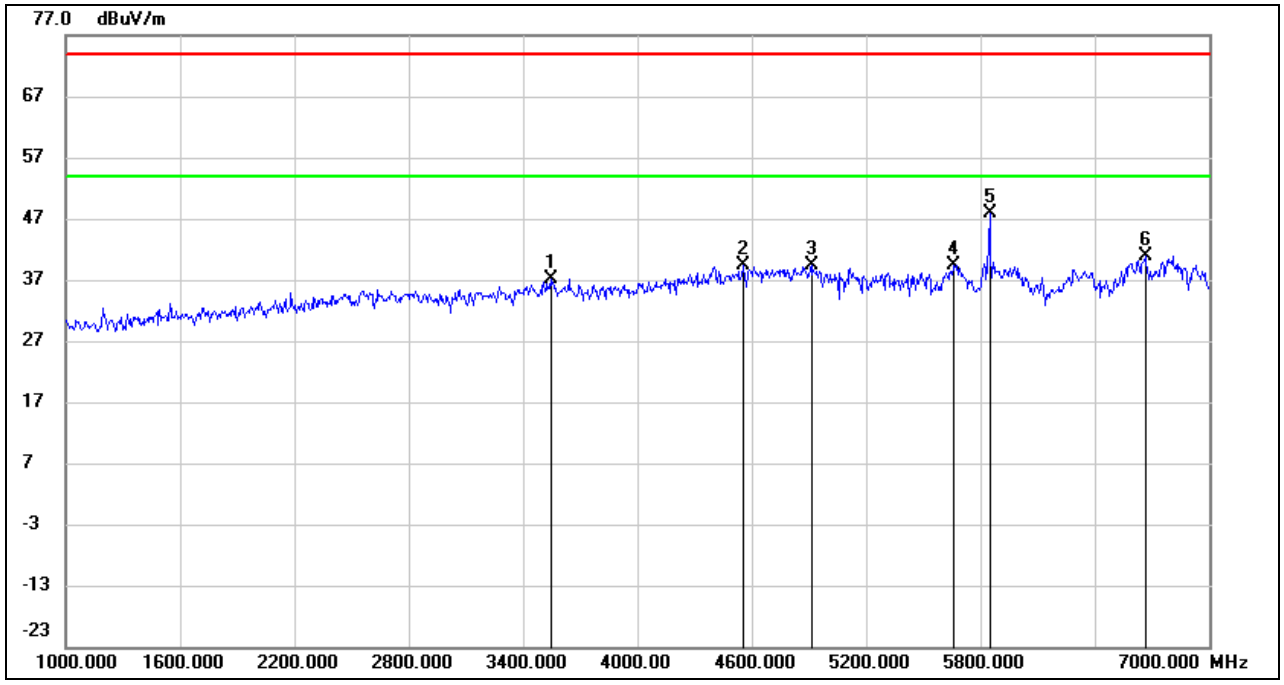
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3622.000	43.02	-5.52	37.50	74.00	-36.50	peak
2	5476.000	42.98	0.39	43.37	74.00	-30.63	peak
3	5638.000	43.46	0.81	44.27	74.00	-29.73	peak
4	5788.000	51.27	1.25	52.52	74.00	-21.48	peak
5	5998.000	40.27	1.85	42.12	74.00	-31.88	peak
6	6784.000	35.96	5.13	41.09	74.00	-32.91	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

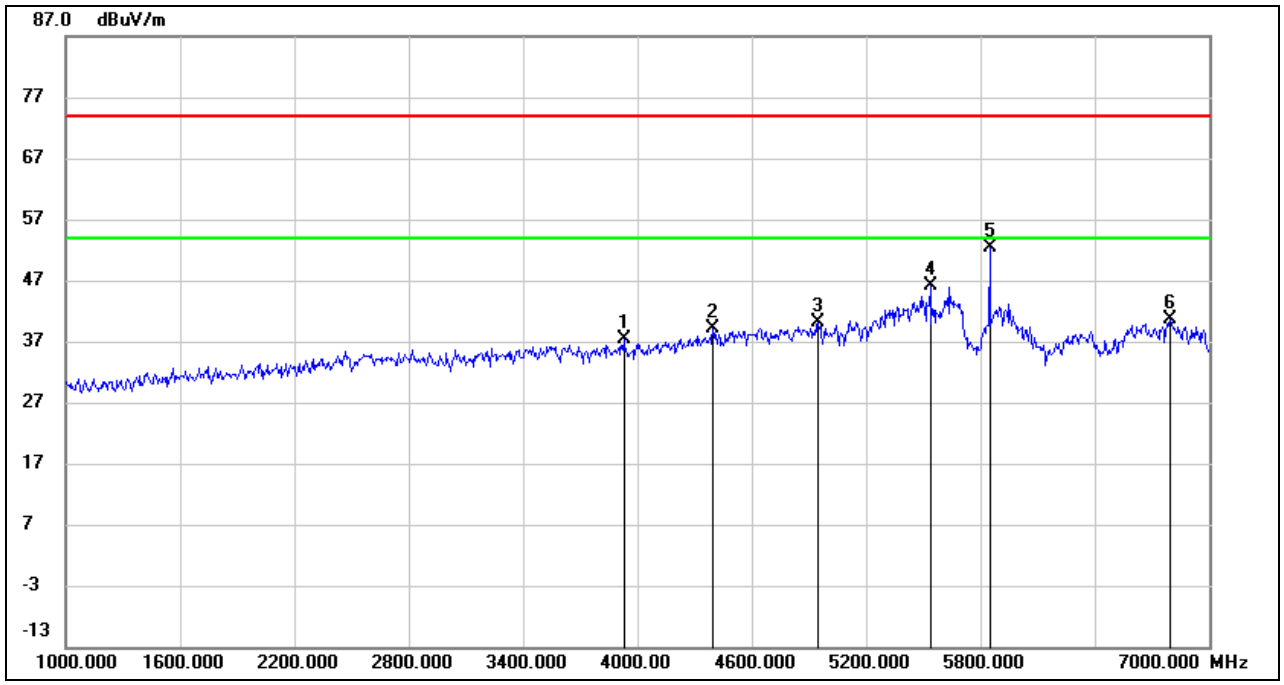
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3544.000	42.88	-5.73	37.15	74.00	-36.85	peak
2	4552.000	41.38	-1.93	39.45	74.00	-34.55	peak
3	4912.000	39.82	-0.50	39.32	74.00	-34.68	peak
4	5662.000	38.41	0.89	39.30	74.00	-34.70	peak
5	5848.000	46.50	1.41	47.91	74.00	-26.09	peak
6	6664.000	36.39	4.54	40.93	74.00	-33.07	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3928.000	41.94	-4.67	37.27	74.00	-36.73	peak
2	4396.000	41.69	-2.63	39.06	74.00	-34.94	peak
3	4948.000	40.49	-0.36	40.13	74.00	-33.87	peak
4	5536.000	45.66	0.52	46.18	74.00	-27.82	peak
5	5848.000	50.99	1.41	52.40	74.00	-21.60	peak
6	6796.000	35.51	5.19	40.70	74.00	-33.30	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

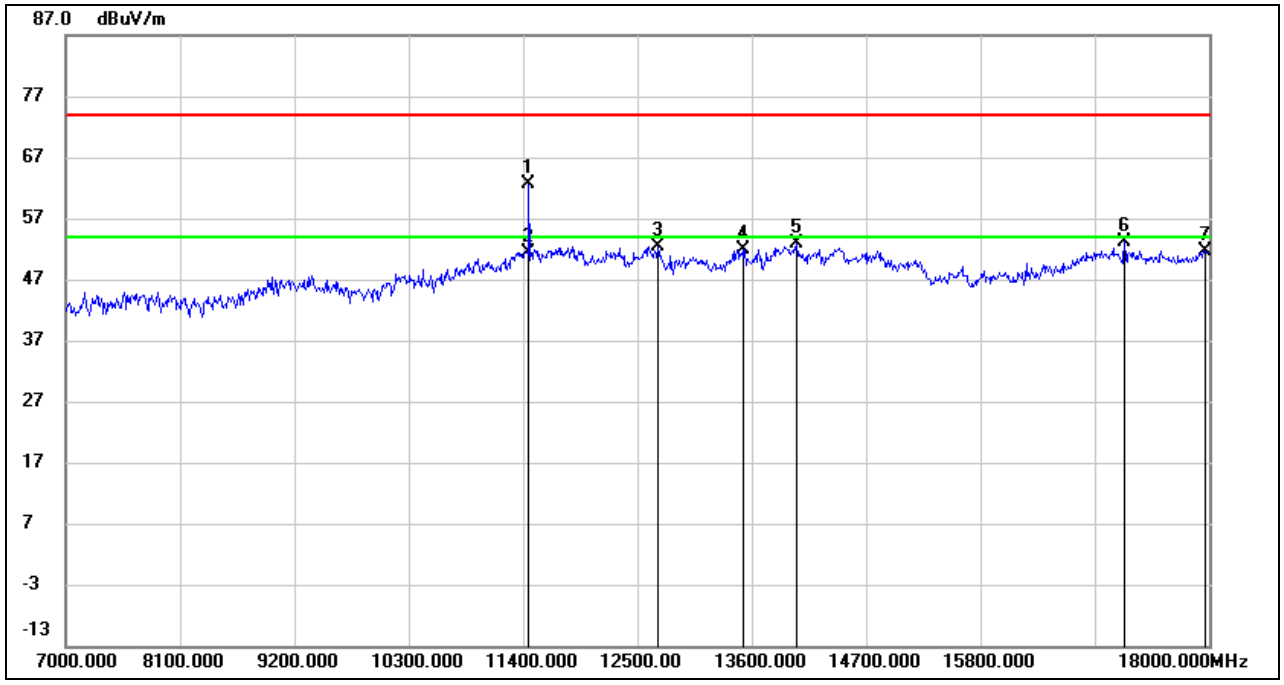
Note: All the modes and antennas had been tested, but only the worst data was recorded in the report.

8.3. SPURIOUS EMISSIONS (7 GHz ~ 18 GHz)

8.3.1. 5 GHz SRD 1.4 MHz MODE

UNII-3 BAND

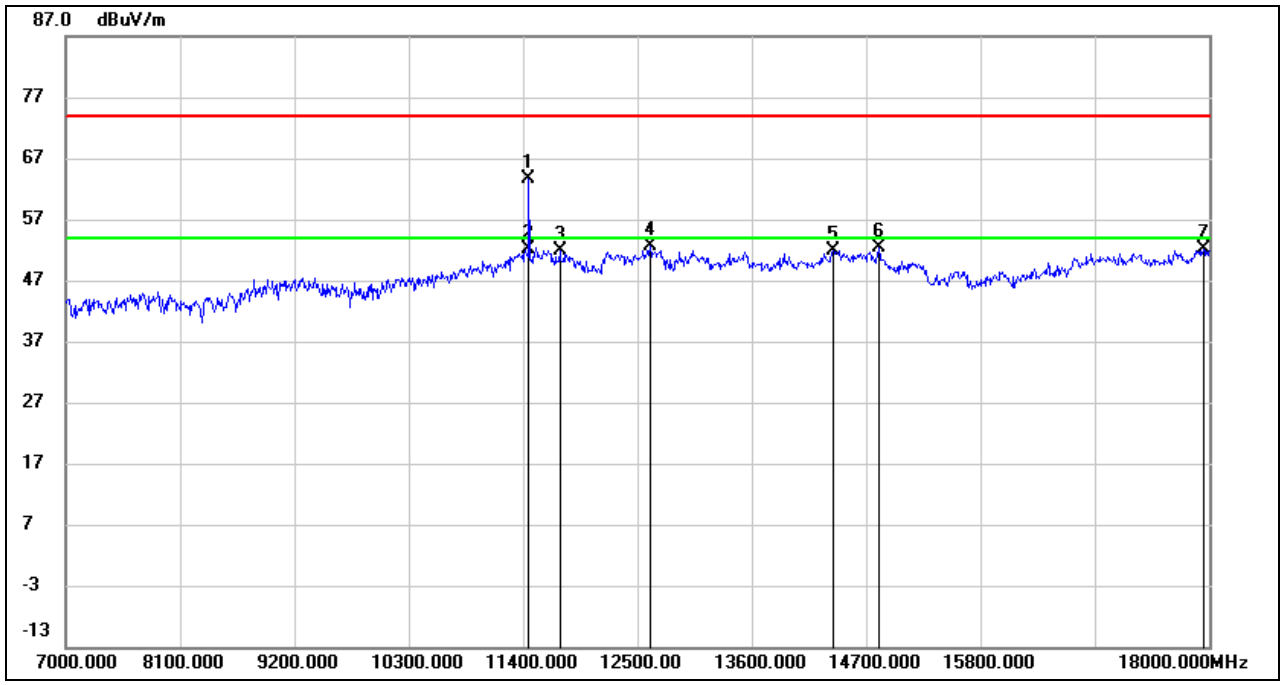
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	45.94	16.58	62.52	74.00	-11.48	peak
2	11455.000	34.92	16.58	51.50	54.00	-2.50	AVG
3	12698.000	34.34	18.08	52.42	74.00	-21.58	peak
4	13523.000	31.21	20.70	51.91	74.00	-22.09	peak
5	14029.000	31.01	21.76	52.77	74.00	-21.23	peak
6	17186.000	31.77	21.39	53.16	74.00	-20.84	peak
7	17956.000	25.93	25.82	51.75	74.00	-22.25	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

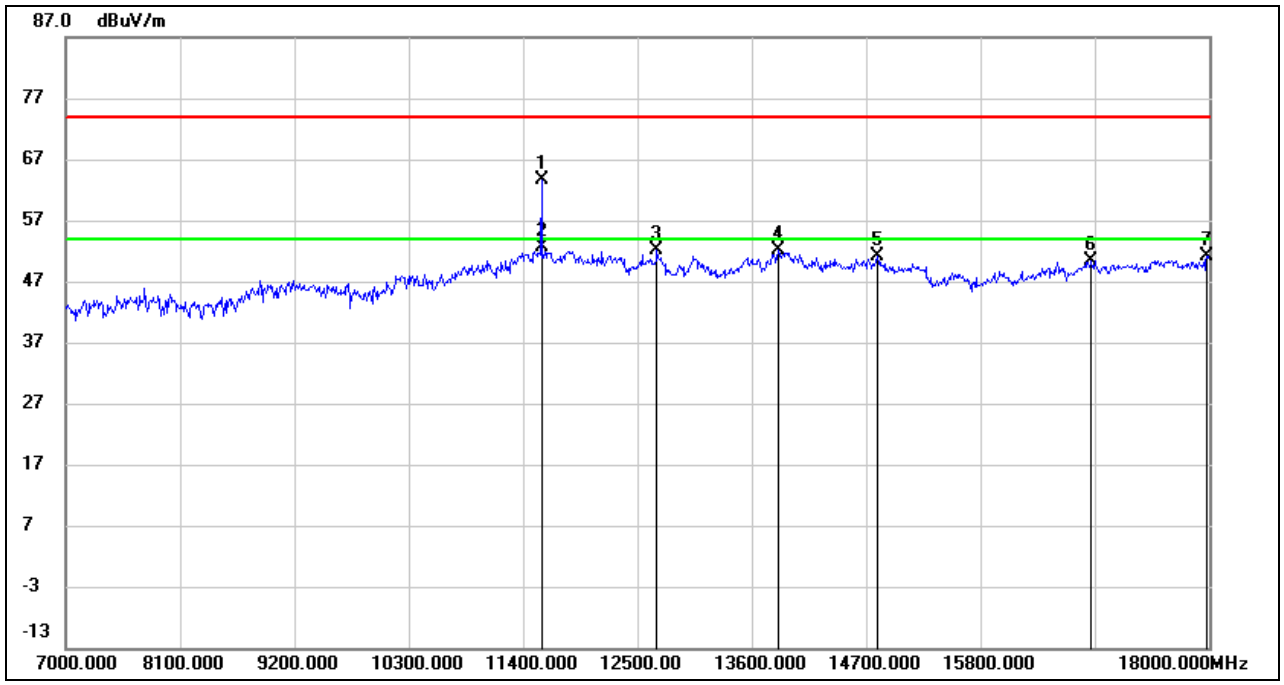
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	47.03	16.58	63.61	74.00	-10.39	peak
2	11455.000	35.52	16.58	52.10	54.00	-1.90	AVG
3	11752.000	34.66	17.24	51.90	74.00	-22.10	peak
4	12621.000	34.53	17.98	52.51	74.00	-21.49	peak
5	14381.000	31.58	20.28	51.86	74.00	-22.14	peak
6	14821.000	33.96	18.42	52.38	74.00	-21.62	peak
7	17945.000	26.39	25.75	52.14	74.00	-21.86	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

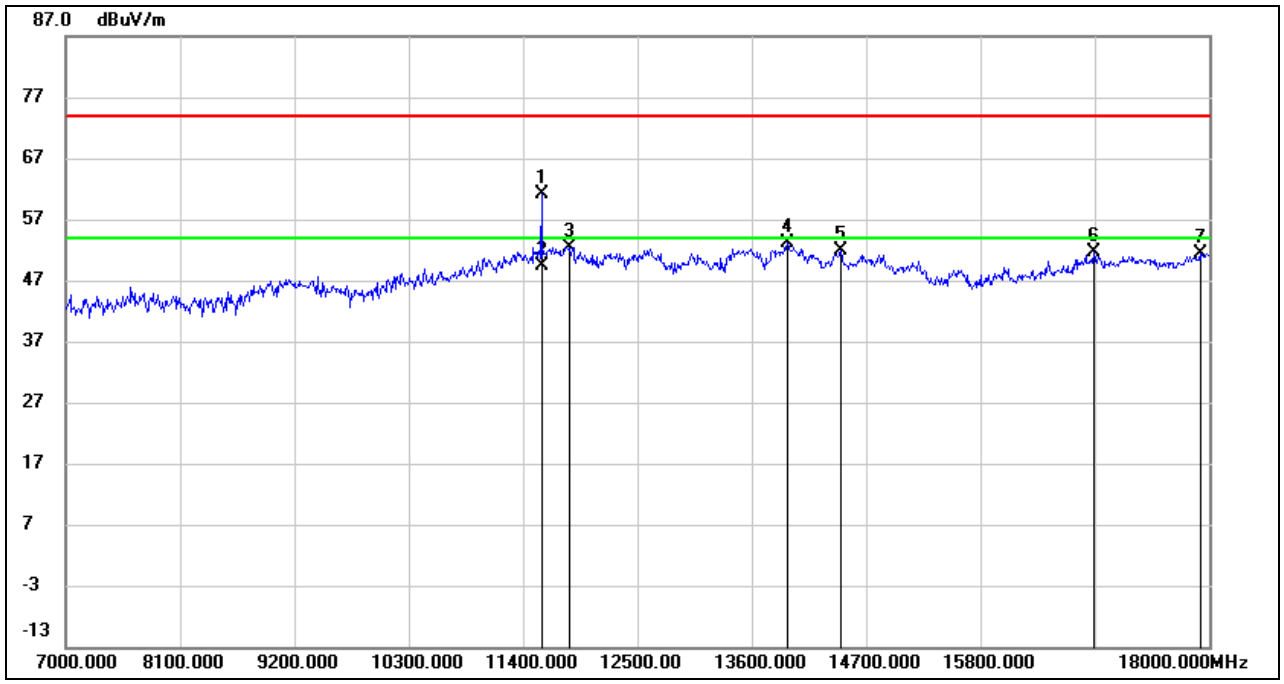
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	46.69	16.91	63.60	74.00	-10.40	peak
2	11576.000	35.61	16.91	52.52	54.00	-1.48	AVG
3	12687.000	34.04	18.05	52.09	74.00	-21.91	peak
4	13853.000	30.57	21.52	52.09	74.00	-21.91	peak
5	14810.000	32.72	18.47	51.19	74.00	-22.81	peak
6	16867.000	30.42	20.00	50.42	74.00	-23.58	peak
7	17978.000	25.16	25.97	51.13	74.00	-22.87	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

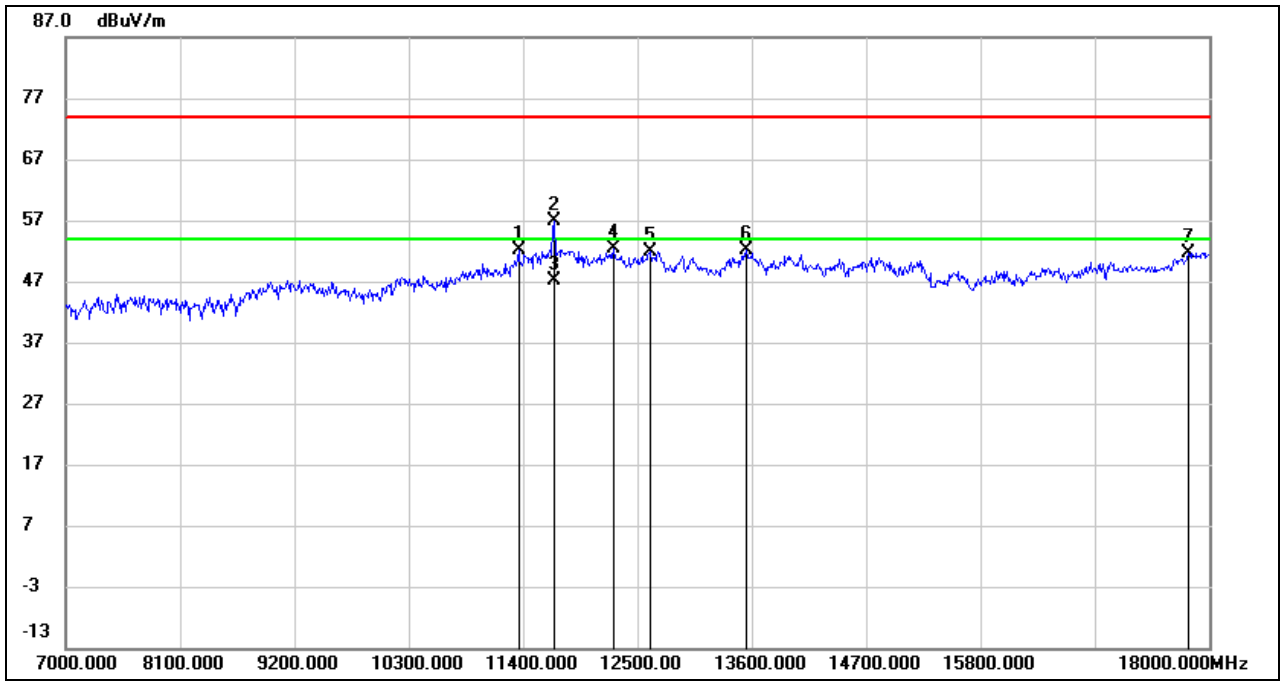
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	44.11	16.91	61.02	74.00	-12.98	peak
2	11576.000	32.55	16.91	49.46	54.00	-4.54	AVG
3	11851.000	34.95	17.43	52.38	74.00	-21.62	peak
4	13941.000	31.28	21.73	53.01	74.00	-20.99	peak
5	14458.000	31.90	19.95	51.85	74.00	-22.15	peak
6	16889.000	31.54	20.10	51.64	74.00	-22.36	peak
7	17912.000	25.92	25.52	51.44	74.00	-22.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

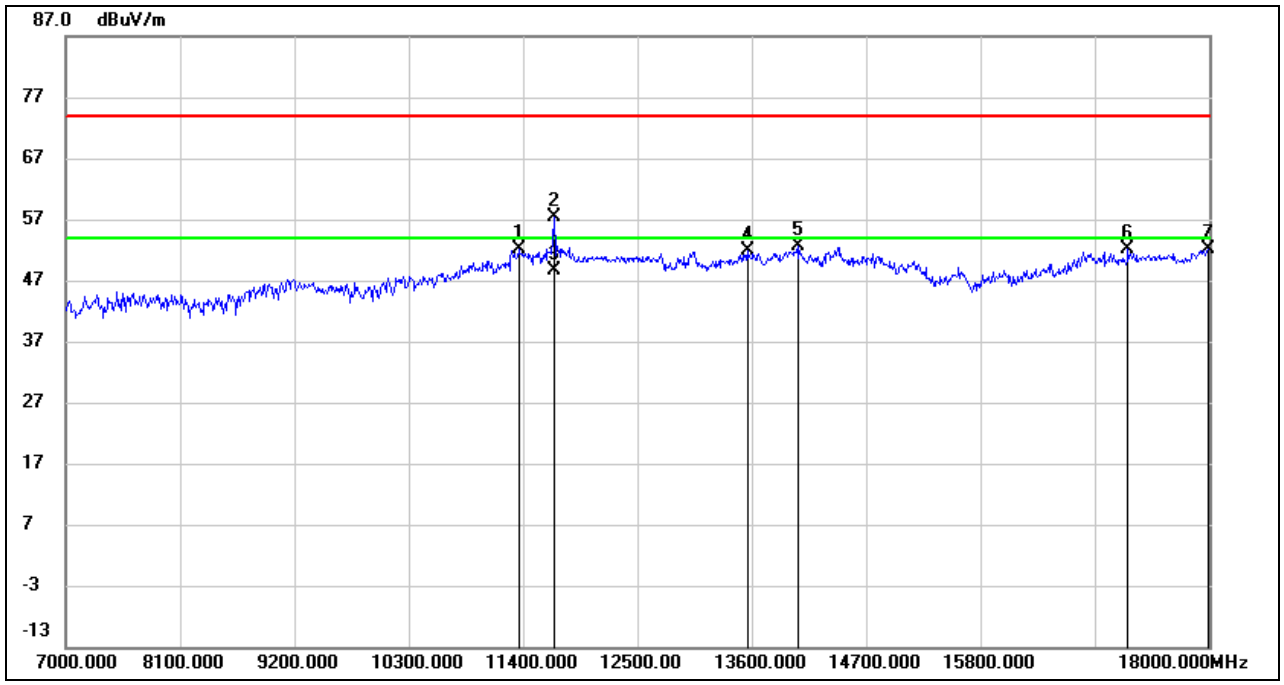
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	35.96	16.19	52.15	74.00	-21.85	peak
2	11697.000	39.82	17.13	56.95	74.00	-17.05	peak
3	11697.000	30.07	17.13	47.20	54.00	-6.80	AVG
4	12269.000	34.55	17.77	52.32	74.00	-21.68	peak
5	12621.000	33.94	17.98	51.92	74.00	-22.08	peak
6	13545.000	31.30	20.75	52.05	74.00	-21.95	peak
7	17802.000	26.92	24.76	51.68	74.00	-22.32	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



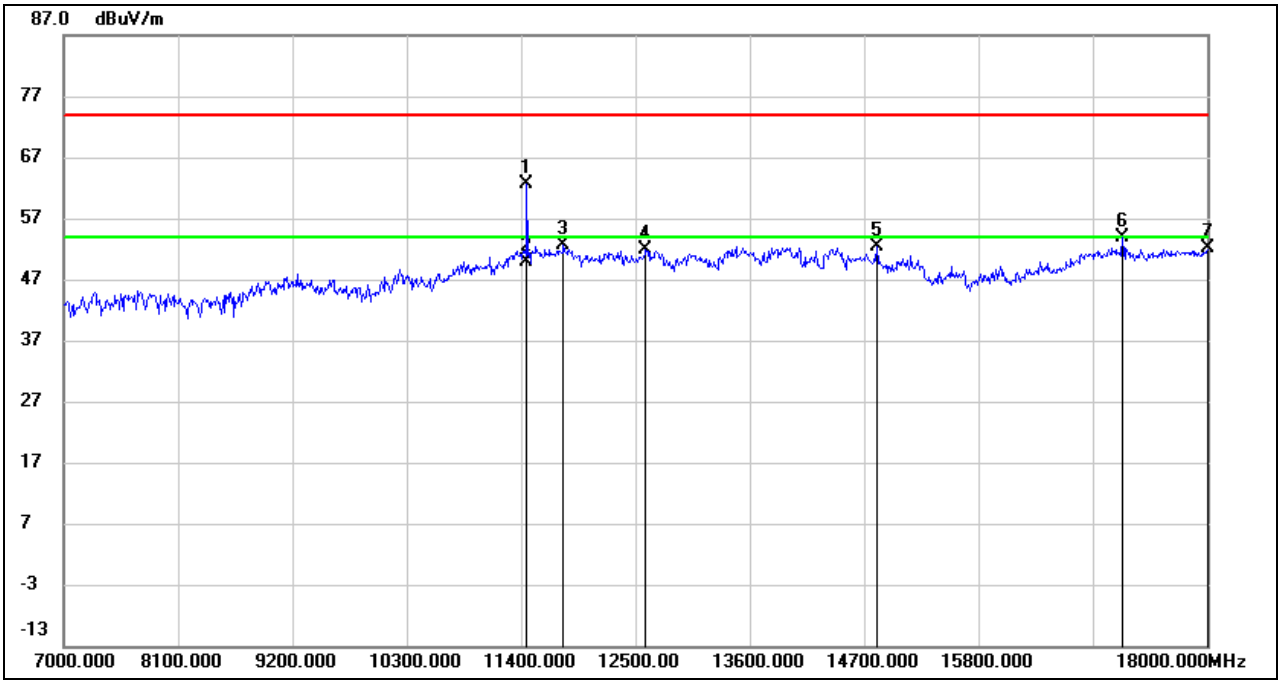
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	35.82	16.19	52.01	74.00	-21.99	peak
2	11697.000	40.20	17.13	57.33	74.00	-16.67	peak
3	11697.000	31.50	17.13	48.63	54.00	-5.37	AVG
4	13556.000	31.13	20.78	51.91	74.00	-22.09	peak
5	14040.000	30.87	21.70	52.57	74.00	-21.43	peak
6	17219.000	30.69	21.52	52.21	74.00	-21.79	peak
7	17989.000	26.04	26.04	52.08	74.00	-21.92	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.2. 5 GHz SRD 1.4 MHz CA MODE

UNII-3 BAND

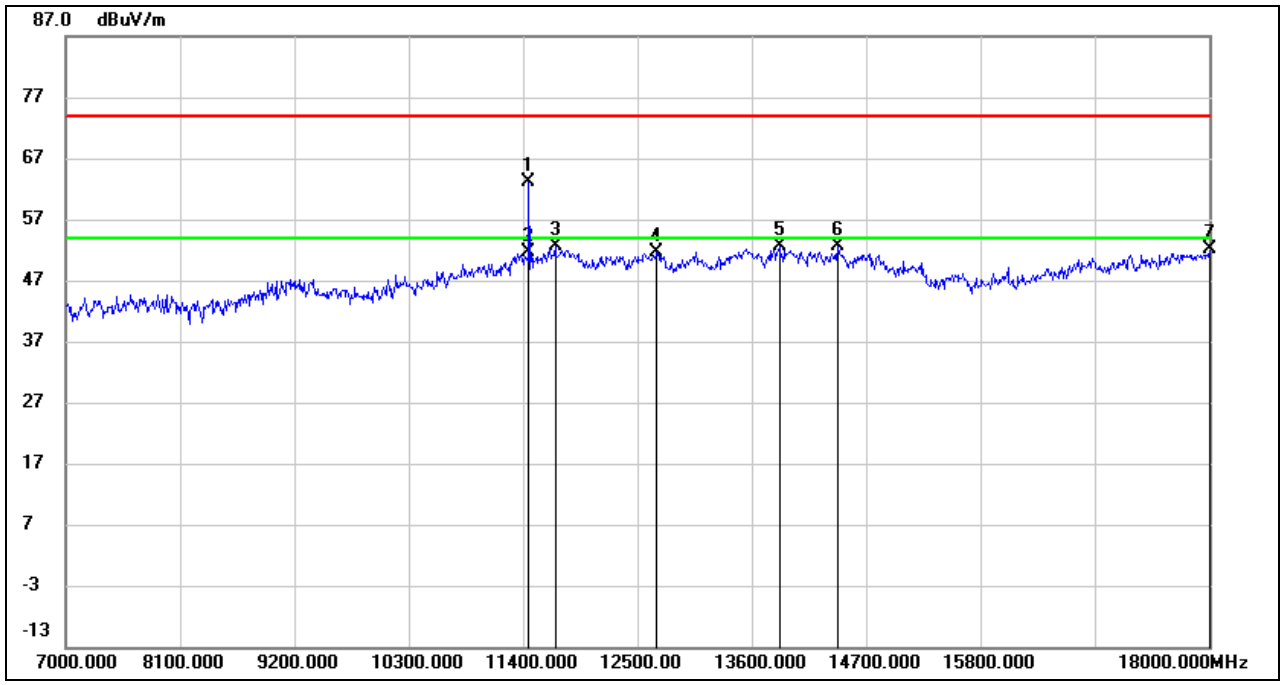
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	46.13	16.58	62.71	74.00	-11.29	peak
2	11455.000	33.28	16.58	49.86	54.00	-4.14	AVG
3	11807.000	35.28	17.34	52.62	74.00	-21.38	peak
4	12599.000	33.93	17.95	51.88	74.00	-22.12	peak
5	14821.000	33.85	18.42	52.27	74.00	-21.73	peak
6	17186.000	32.42	21.39	53.81	74.00	-20.19	peak
7	18000.000	26.09	26.12	52.21	74.00	-21.79	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

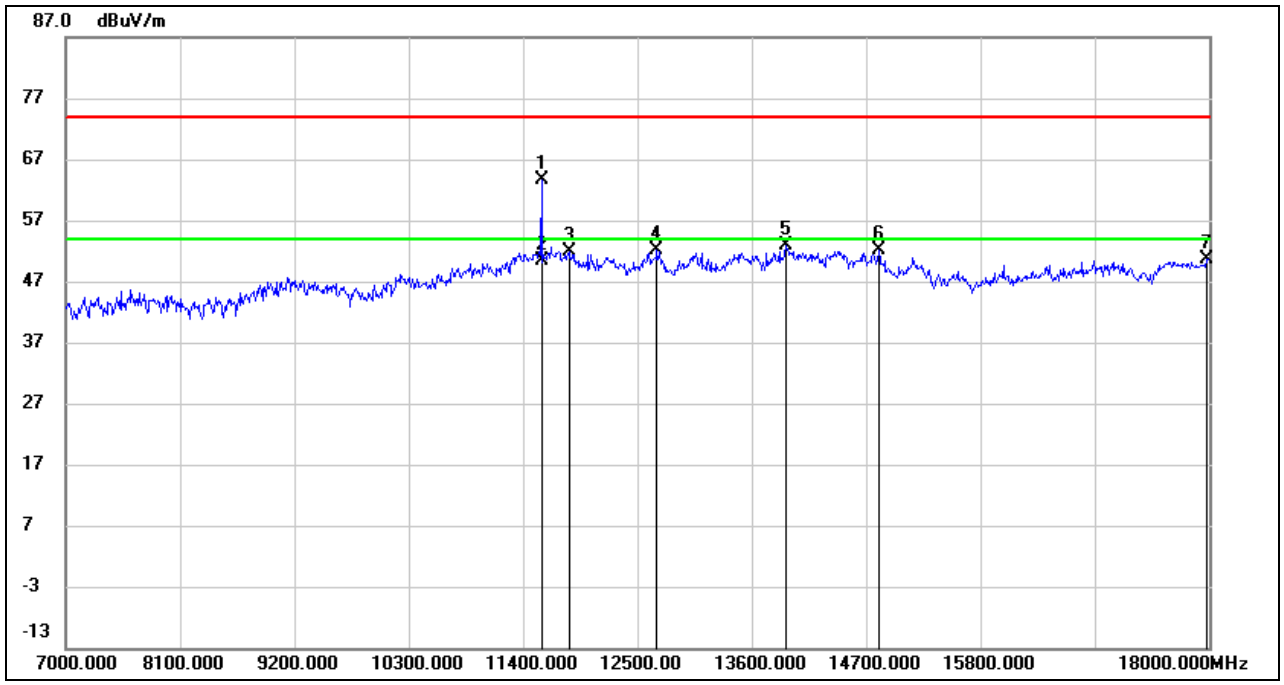
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	46.49	16.58	63.07	74.00	-10.93	peak
2	11455.000	35.15	16.58	51.73	54.00	-2.27	AVG
3	11708.000	35.56	17.16	52.72	74.00	-21.28	peak
4	12687.000	33.66	18.05	51.71	74.00	-22.29	peak
5	13864.000	31.08	21.53	52.61	74.00	-21.39	peak
6	14425.000	32.56	20.09	52.65	74.00	-21.35	peak
7	18000.000	26.00	26.12	52.12	74.00	-21.88	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

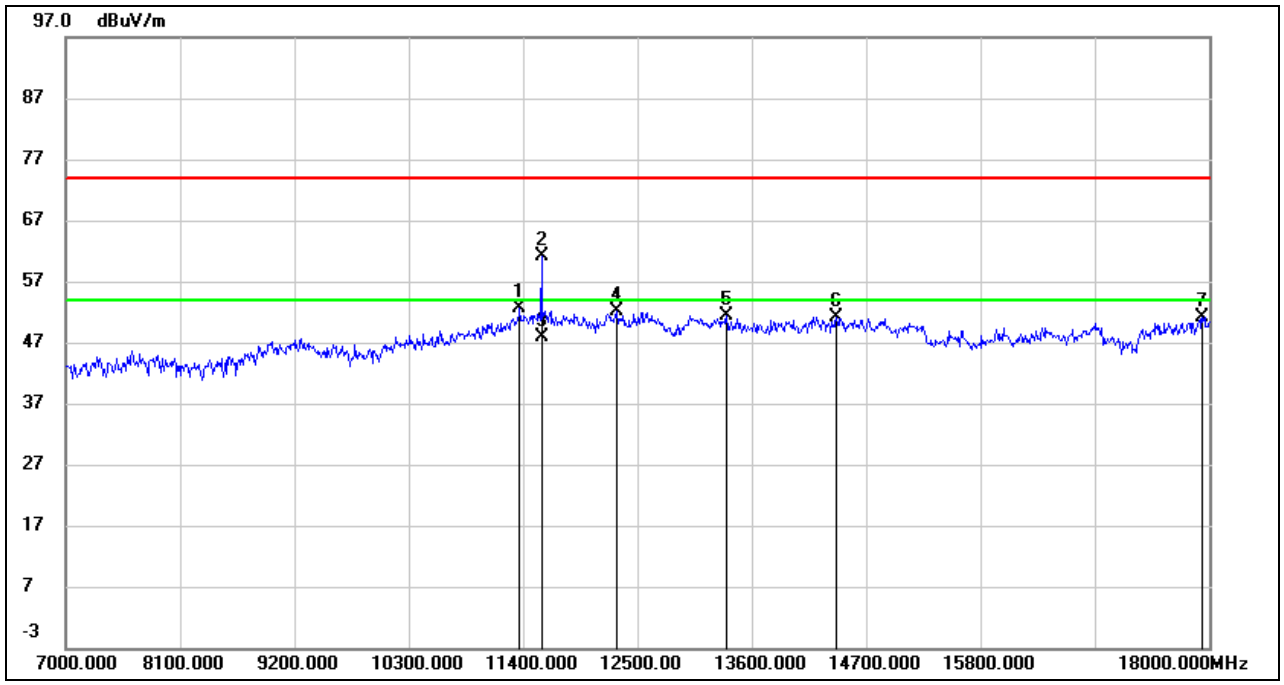
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	46.72	16.91	63.63	74.00	-10.37	peak
2	11576.000	33.58	16.91	50.49	54.00	-3.51	AVG
3	11840.000	34.50	17.40	51.90	74.00	-22.10	peak
4	12687.000	34.17	18.05	52.22	74.00	-21.78	peak
5	13930.000	31.09	21.71	52.80	74.00	-21.20	peak
6	14821.000	33.80	18.42	52.22	74.00	-21.78	peak
7	17978.000	24.68	25.97	50.65	74.00	-23.35	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

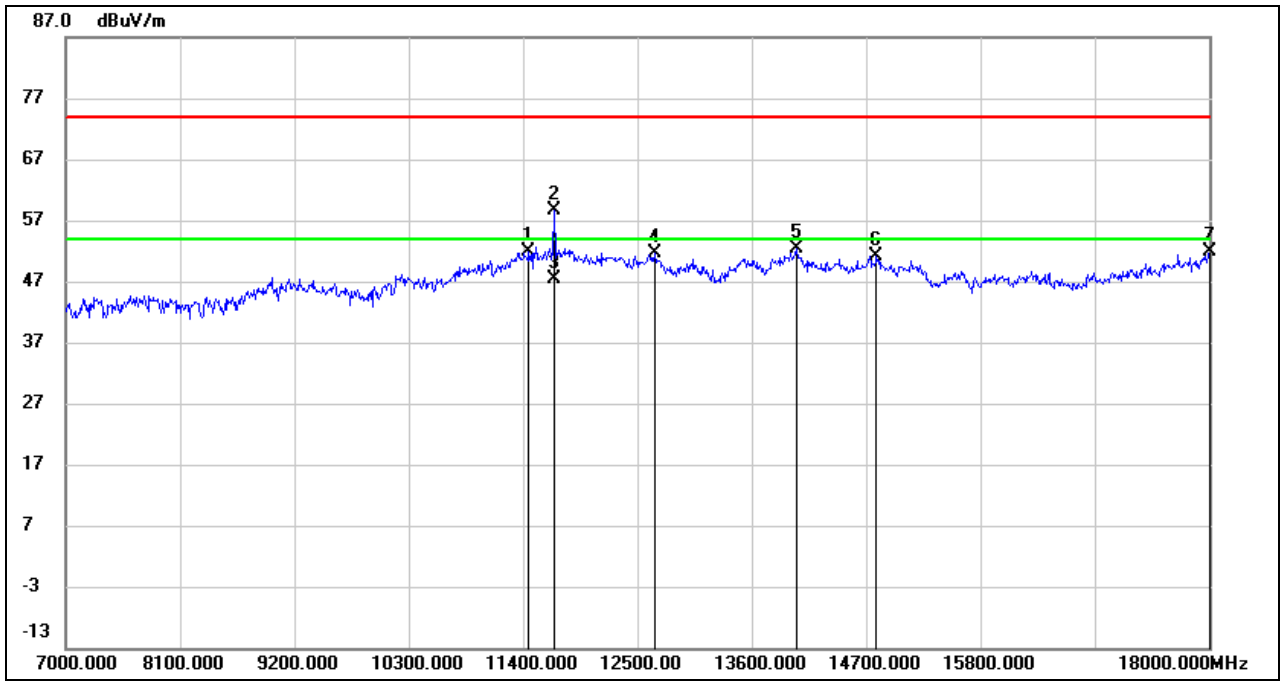
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	36.51	16.22	52.73	74.00	-21.27	peak
2	11576.000	44.23	16.91	61.14	74.00	-12.86	peak
3	11576.000	30.90	16.91	47.81	54.00	-6.19	AVG
4	12302.000	34.40	17.78	52.18	74.00	-21.82	peak
5	13358.000	31.35	20.02	51.37	74.00	-22.63	peak
6	14414.000	31.09	20.14	51.23	74.00	-22.77	peak
7	17934.000	25.37	25.67	51.04	74.00	-22.96	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

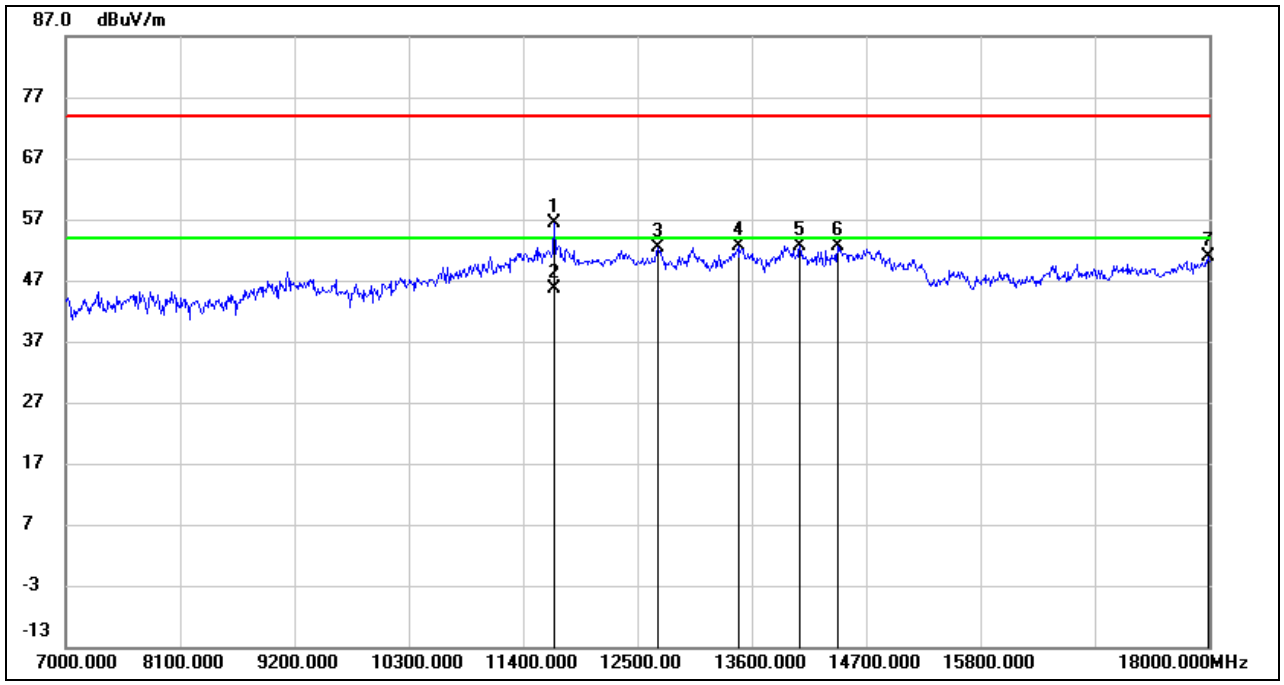
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	35.32	16.58	51.90	74.00	-22.10	peak
2	11697.000	41.56	17.13	58.69	74.00	-15.31	peak
3	11697.000	30.34	17.13	47.47	54.00	-6.53	AVG
4	12665.000	33.47	18.04	51.51	74.00	-22.49	peak
5	14029.000	30.55	21.76	52.31	74.00	-21.69	peak
6	14799.000	32.66	18.51	51.17	74.00	-22.83	peak
7	18000.000	25.75	26.12	51.87	74.00	-22.13	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



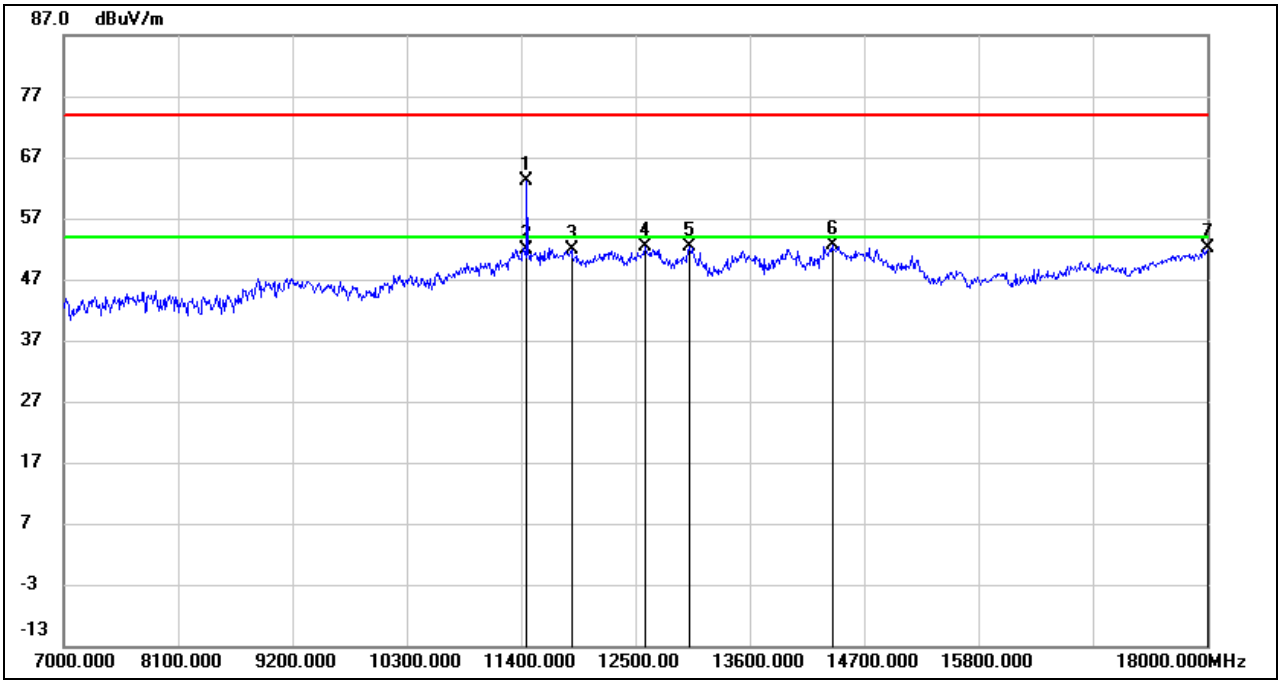
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11697.000	39.27	17.13	56.40	74.00	-17.60	peak
2	11697.000	28.49	17.13	45.62	54.00	-8.38	AVG
3	12698.000	34.22	18.08	52.30	74.00	-21.70	peak
4	13468.000	32.13	20.50	52.63	74.00	-21.37	peak
5	14062.000	31.07	21.62	52.69	74.00	-21.31	peak
6	14425.000	32.45	20.09	52.54	74.00	-21.46	peak
7	17989.000	24.78	26.04	50.82	74.00	-23.18	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.3. 5 GHz SRD 3 MHz MODE

UNII-3 BAND

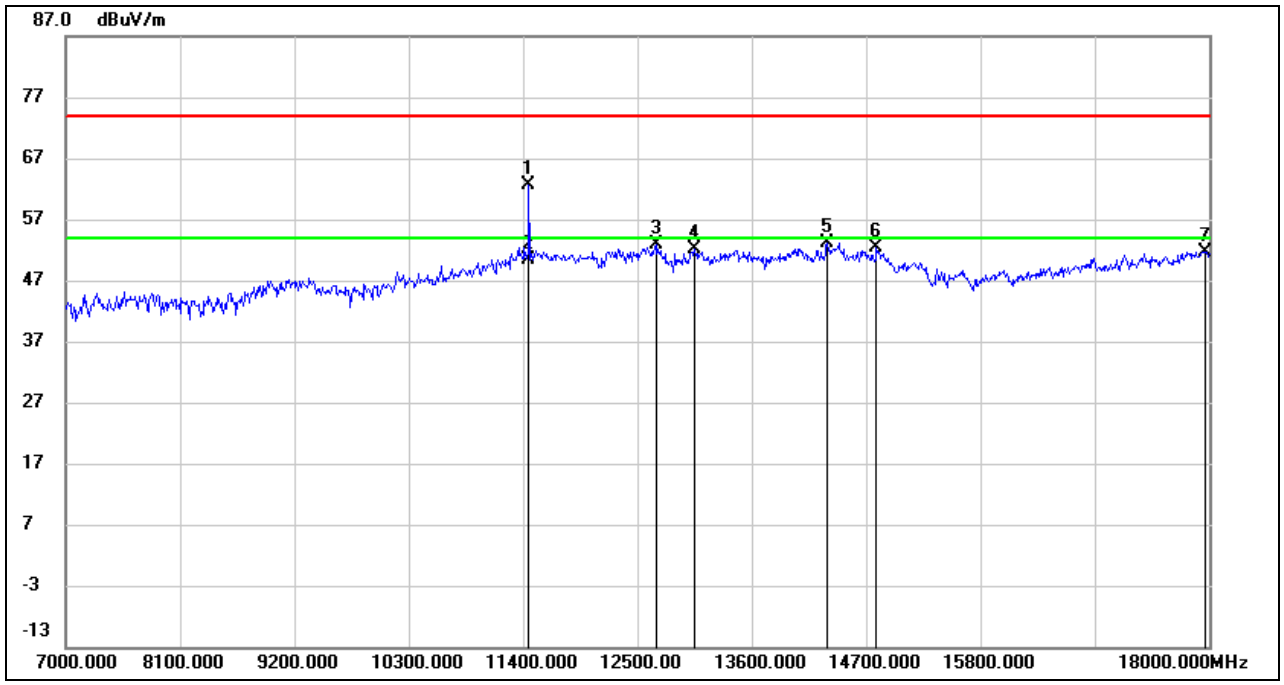
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	46.65	16.58	63.23	74.00	-10.77	peak
2	11455.000	35.28	16.58	51.86	54.00	-2.14	AVG
3	11884.000	34.41	17.48	51.89	74.00	-22.11	peak
4	12599.000	34.40	17.95	52.35	74.00	-21.65	peak
5	13017.000	33.83	18.53	52.36	74.00	-21.64	peak
6	14392.000	32.50	20.24	52.74	74.00	-21.26	peak
7	18000.000	25.89	26.12	52.01	74.00	-21.99	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

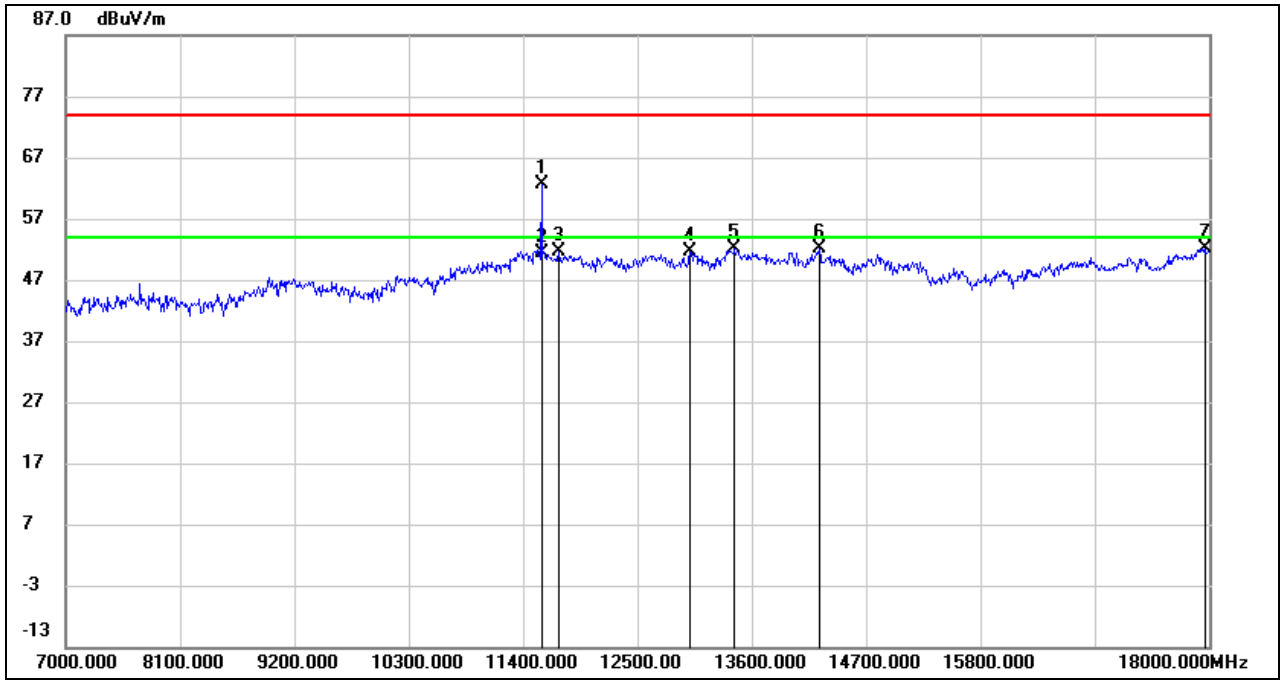
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	46.08	16.58	62.66	74.00	-11.34	peak
2	11455.000	33.85	16.58	50.43	54.00	-3.57	AVG
3	12687.000	34.72	18.05	52.77	74.00	-21.23	peak
4	13050.000	33.46	18.66	52.12	74.00	-21.88	peak
5	14326.000	32.63	20.51	53.14	74.00	-20.86	peak
6	14799.000	33.81	18.51	52.32	74.00	-21.68	peak
7	17967.000	25.83	25.89	51.72	74.00	-22.28	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

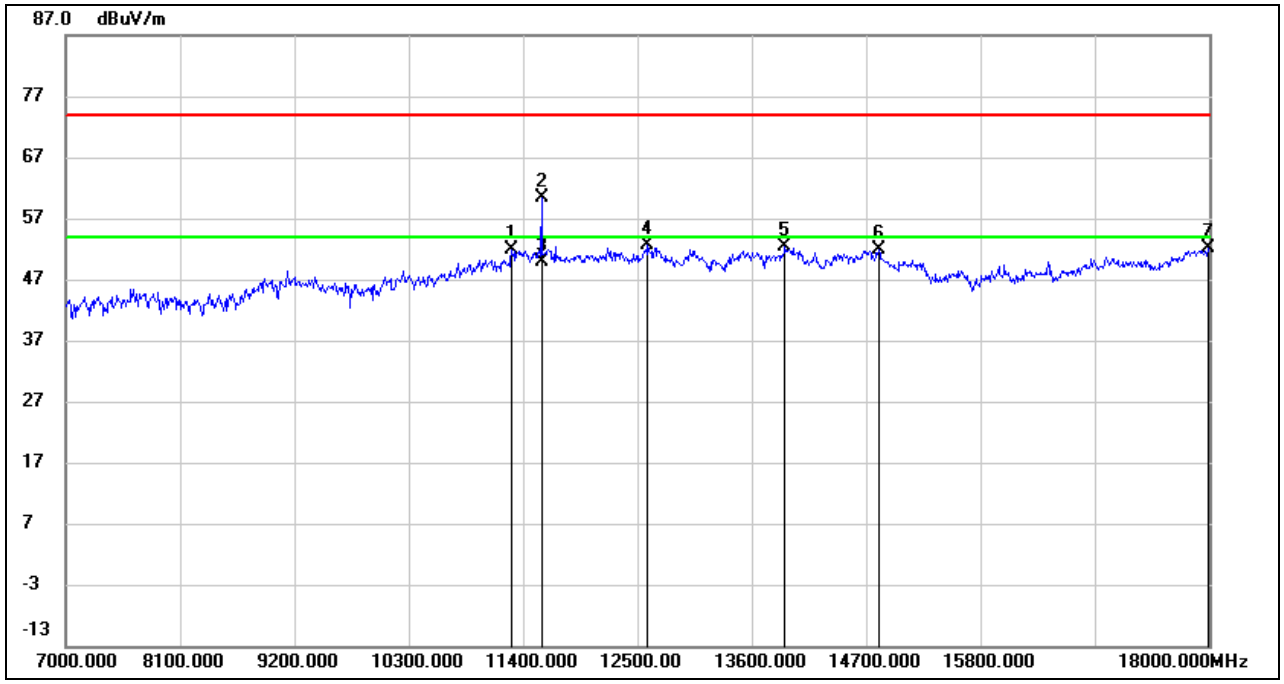
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	45.71	16.91	62.62	74.00	-11.38	peak
2	11576.000	34.35	16.91	51.26	54.00	-2.74	AVG
3	11741.000	34.48	17.22	51.70	74.00	-22.30	peak
4	13006.000	33.15	18.47	51.62	74.00	-22.38	peak
5	13435.000	31.76	20.35	52.11	74.00	-21.89	peak
6	14249.000	31.22	20.83	52.05	74.00	-21.95	peak
7	17956.000	26.39	25.82	52.21	74.00	-21.79	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

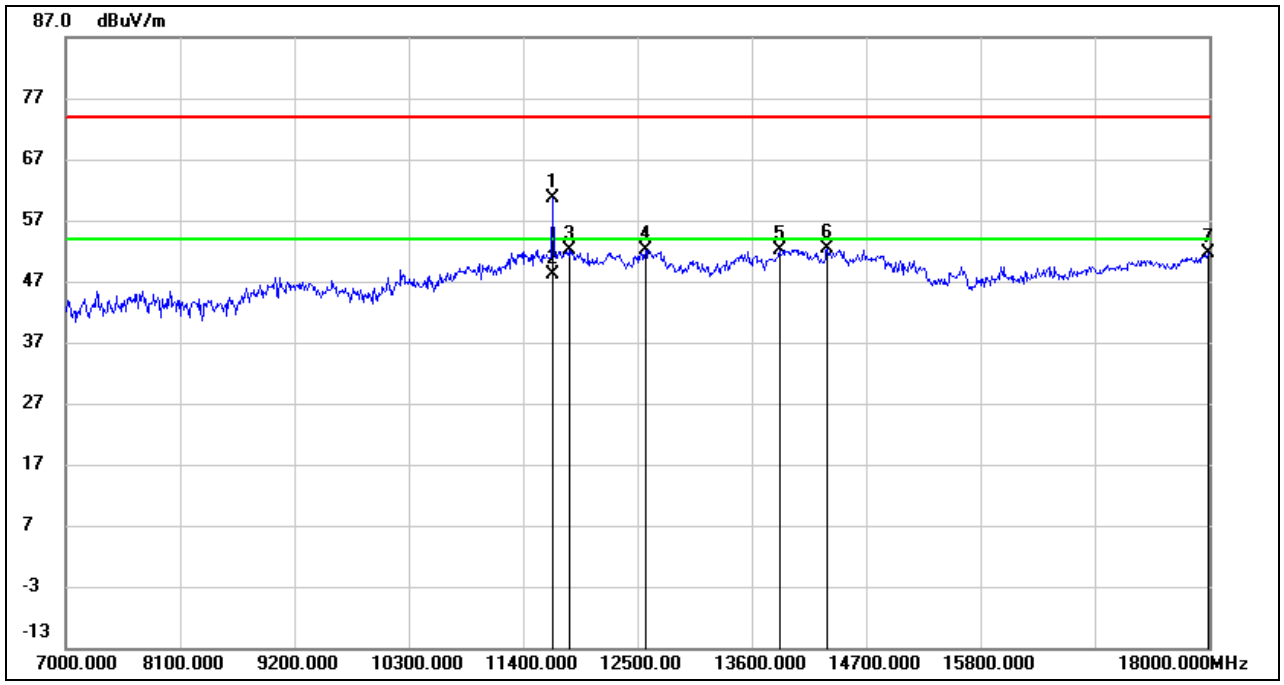
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11290.000	35.86	15.90	51.76	74.00	-22.24	peak
2	11576.000	43.46	16.91	60.37	74.00	-13.63	peak
3	11576.000	32.97	16.91	49.88	54.00	-4.12	AVG
4	12599.000	34.64	17.95	52.59	74.00	-21.41	peak
5	13919.000	30.65	21.68	52.33	74.00	-21.67	peak
6	14821.000	33.43	18.42	51.85	74.00	-22.15	peak
7	17989.000	26.15	26.04	52.19	74.00	-21.81	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

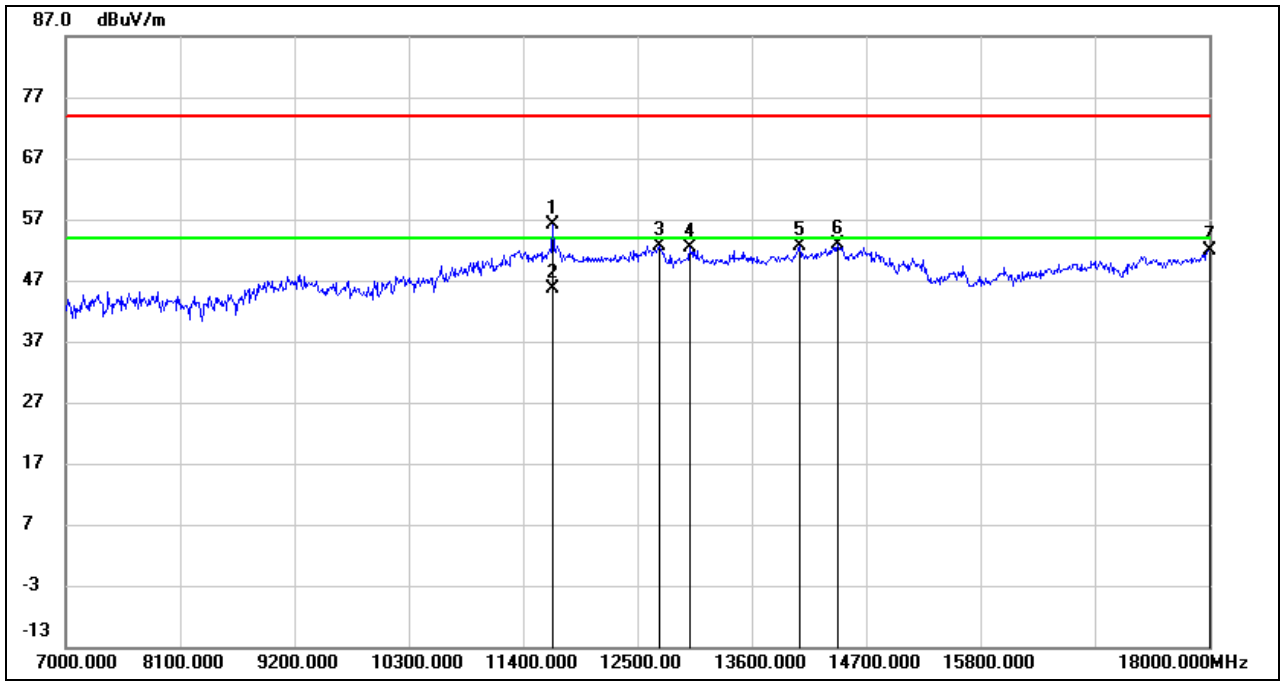
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11686.000	43.41	17.12	60.53	74.00	-13.47	peak
2	11686.000	31.13	17.12	48.25	54.00	-5.75	AVG
3	11840.000	34.79	17.40	52.19	74.00	-21.81	peak
4	12577.000	34.23	17.93	52.16	74.00	-21.84	peak
5	13864.000	30.70	21.53	52.23	74.00	-21.77	peak
6	14326.000	31.96	20.51	52.47	74.00	-21.53	peak
7	17989.000	25.60	26.04	51.64	74.00	-22.36	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



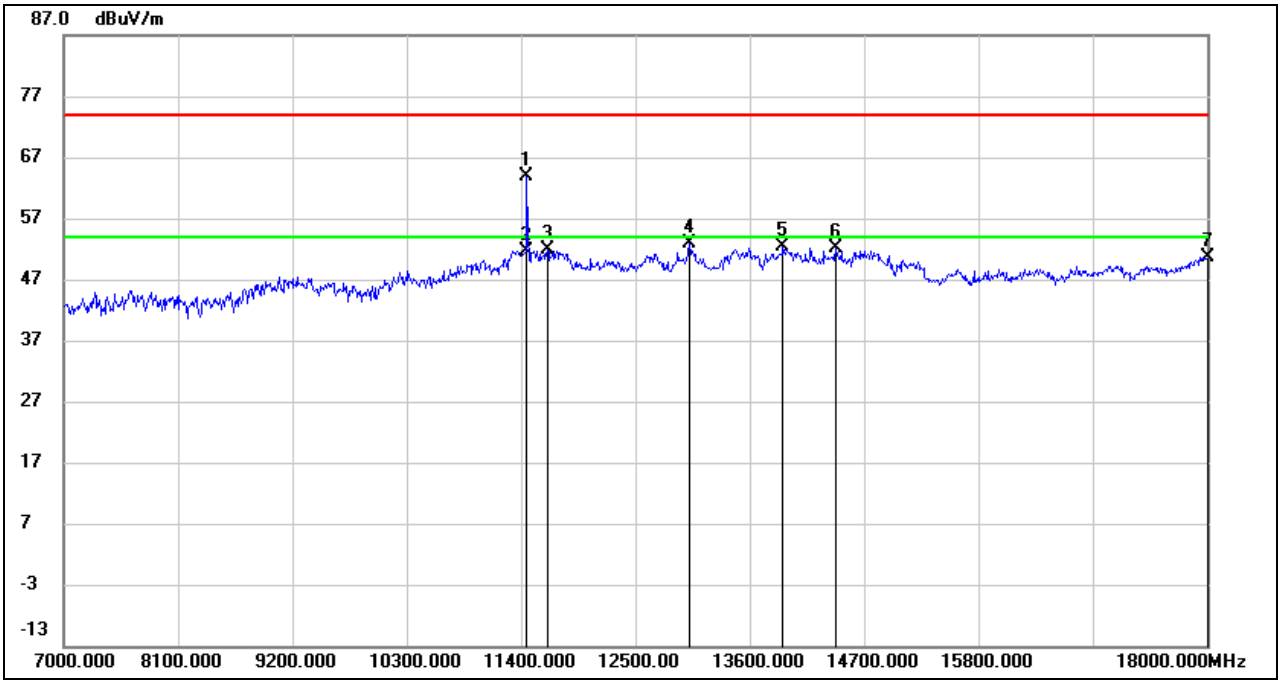
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11686.000	38.96	17.12	56.08	74.00	-17.92	peak
2	11686.000	28.51	17.12	45.63	54.00	-8.37	AVG
3	12709.000	34.49	18.09	52.58	74.00	-21.42	peak
4	13006.000	33.85	18.47	52.32	74.00	-21.68	peak
5	14062.000	31.09	21.62	52.71	74.00	-21.29	peak
6	14425.000	32.77	20.09	52.86	74.00	-21.14	peak
7	18000.000	25.88	26.12	52.00	74.00	-22.00	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.4. 5 GHz SRD 3 MHz CA MODE

UNII-3 BAND

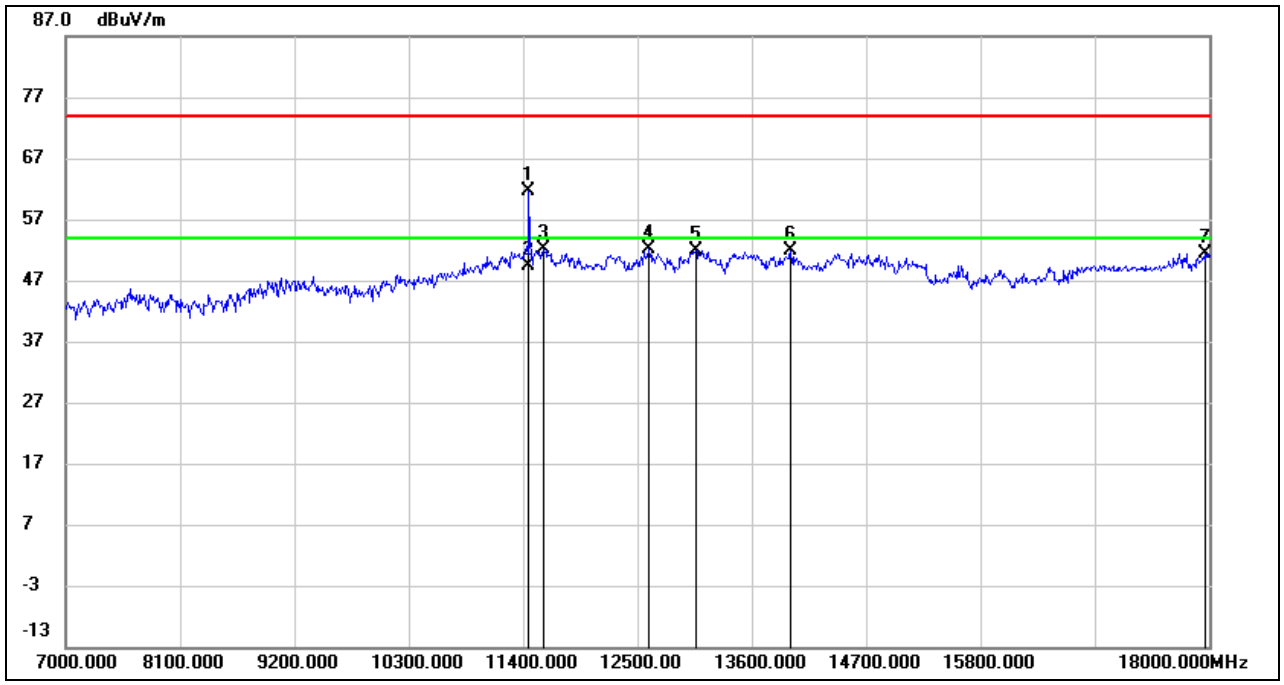
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	47.35	16.58	63.93	74.00	-10.07	peak
2	11455.000	35.07	16.58	51.65	54.00	-2.35	AVG
3	11653.000	34.81	17.05	51.86	74.00	-22.14	peak
4	13017.000	34.26	18.53	52.79	74.00	-21.21	peak
5	13919.000	30.64	21.68	52.32	74.00	-21.68	peak
6	14425.000	32.07	20.09	52.16	74.00	-21.84	peak
7	18000.000	24.63	26.12	50.75	74.00	-23.25	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

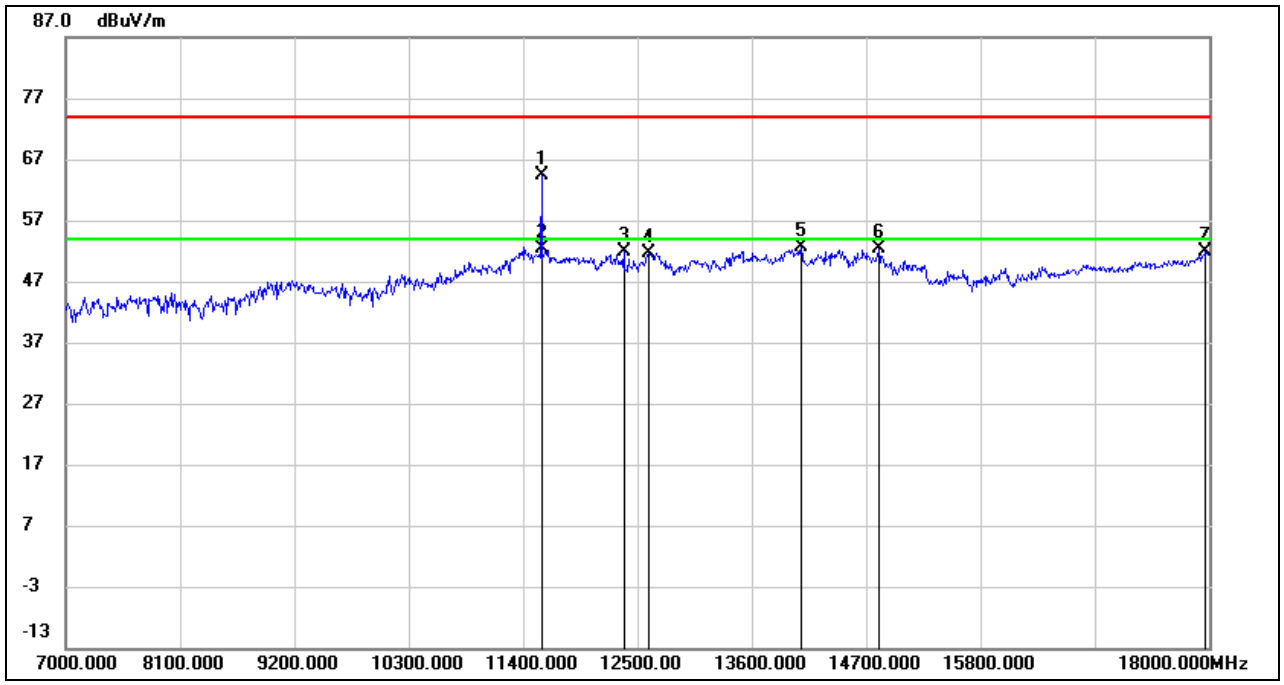
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11455.000	45.10	16.58	61.68	74.00	-12.32	peak
2	11455.000	32.84	16.58	49.42	54.00	-4.58	AVG
3	11598.000	35.11	16.96	52.07	74.00	-21.93	peak
4	12610.000	34.15	17.97	52.12	74.00	-21.88	peak
5	13061.000	33.24	18.71	51.95	74.00	-22.05	peak
6	13974.000	29.96	21.82	51.78	74.00	-22.22	peak
7	17967.000	25.61	25.89	51.50	74.00	-22.50	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

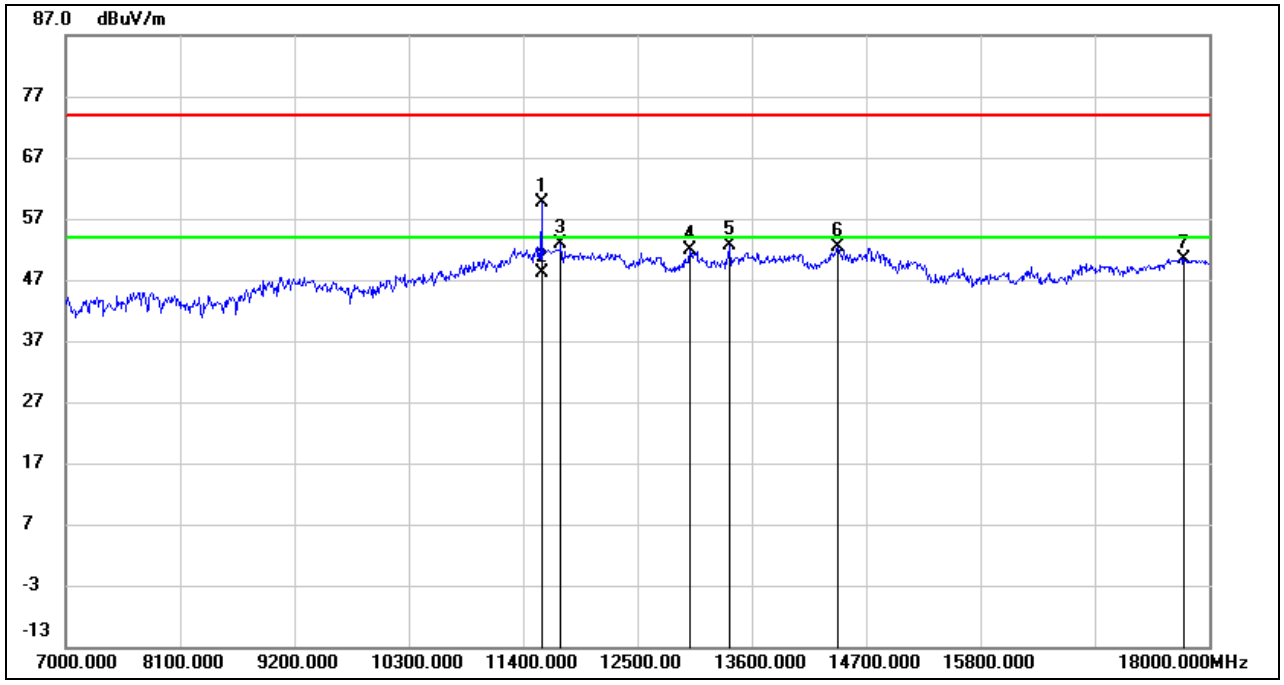
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	47.49	16.91	64.40	74.00	-9.60	peak
2	11576.000	35.48	16.91	52.39	54.00	-1.61	AVG
3	12368.000	34.01	17.80	51.81	74.00	-22.19	peak
4	12610.000	33.73	17.97	51.70	74.00	-22.30	peak
5	14073.000	31.17	21.57	52.74	74.00	-21.26	peak
6	14821.000	33.88	18.42	52.30	74.00	-21.70	peak
7	17967.000	26.06	25.89	51.95	74.00	-22.05	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

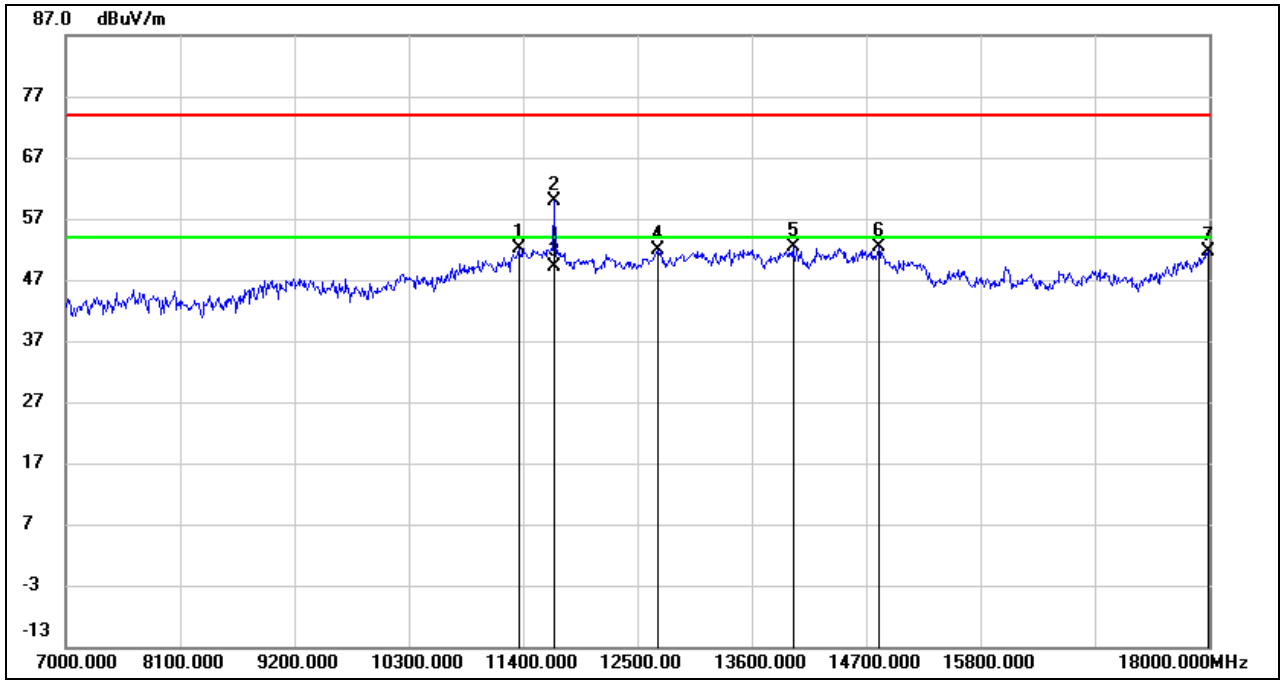
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11576.000	42.66	16.91	59.57	74.00	-14.43	peak
2	11576.000	31.19	16.91	48.10	54.00	-5.90	AVG
3	11763.000	35.55	17.26	52.81	74.00	-21.19	peak
4	13006.000	33.49	18.47	51.96	74.00	-22.04	peak
5	13380.000	32.55	20.12	52.67	74.00	-21.33	peak
6	14425.000	32.31	20.09	52.40	74.00	-21.60	peak
7	17758.000	26.02	24.46	50.48	74.00	-23.52	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

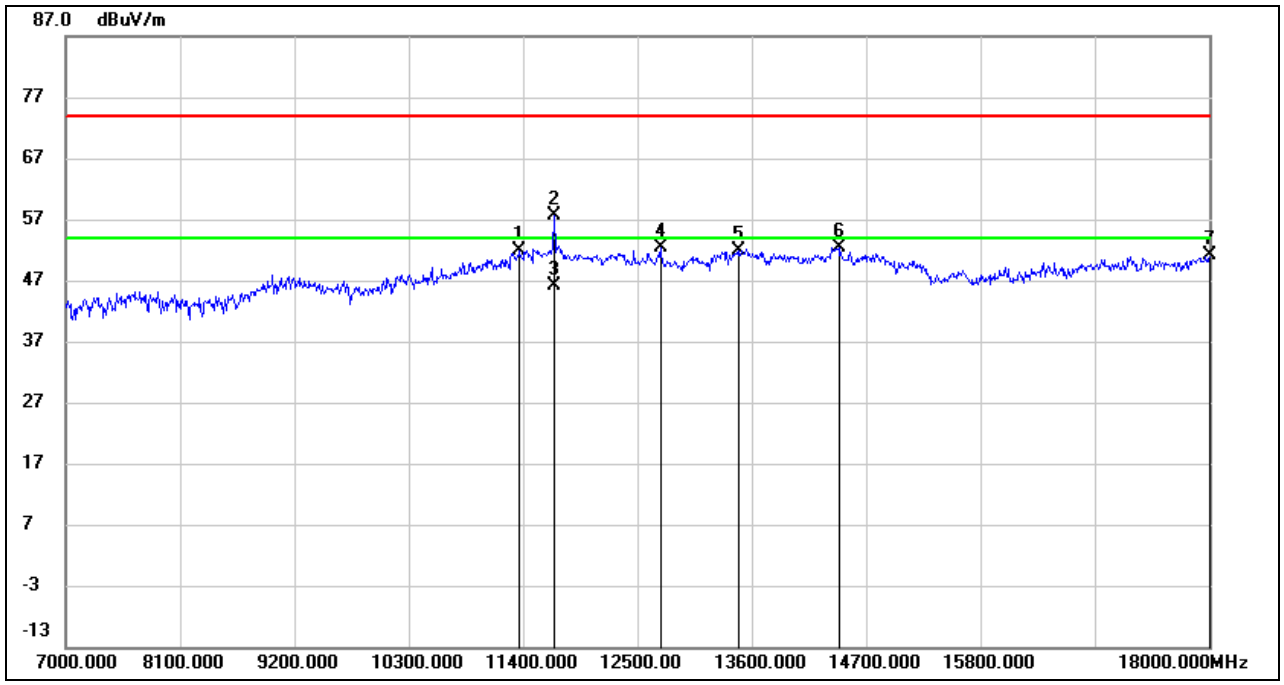
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	35.99	16.19	52.18	74.00	-21.82	peak
2	11697.000	42.87	17.13	60.00	74.00	-14.00	peak
3	11697.000	31.95	17.13	49.08	54.00	-4.92	AVG
4	12698.000	33.70	18.08	51.78	74.00	-22.22	peak
5	13996.000	30.51	21.87	52.38	74.00	-21.62	peak
6	14821.000	33.93	18.42	52.35	74.00	-21.65	peak
7	17989.000	25.58	26.04	51.62	74.00	-22.38	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



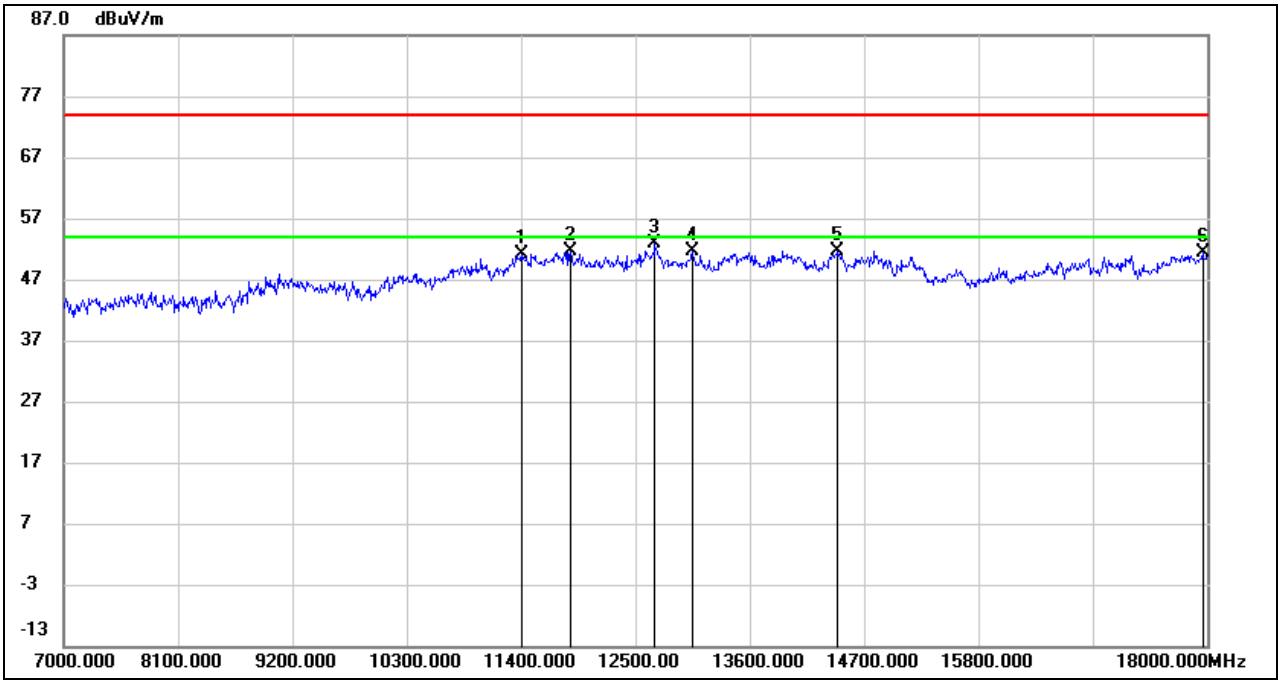
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	35.70	16.22	51.92	74.00	-22.08	peak
2	11697.000	40.38	17.13	57.51	74.00	-16.49	peak
3	11697.000	29.11	17.13	46.24	54.00	-7.76	AVG
4	12720.000	34.23	18.09	52.32	74.00	-21.68	peak
5	13468.000	31.48	20.50	51.98	74.00	-22.02	peak
6	14436.000	32.39	20.05	52.44	74.00	-21.56	peak
7	18000.000	24.91	26.12	51.03	74.00	-22.97	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.5. 5 GHz SRD 10 MHz MODE

UNII-3 BAND

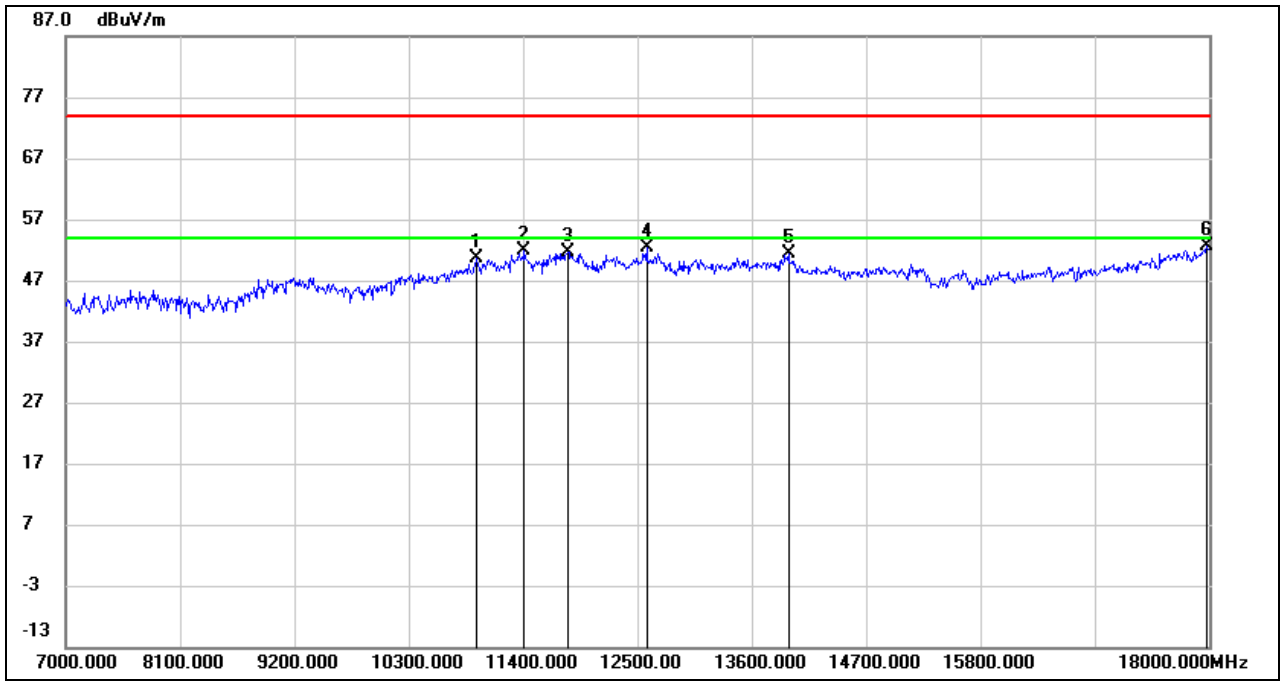
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	34.84	16.36	51.20	74.00	-22.80	peak
2	11873.000	34.11	17.46	51.57	74.00	-22.43	peak
3	12687.000	34.80	18.05	52.85	74.00	-21.15	peak
4	13050.000	32.92	18.66	51.58	74.00	-22.42	peak
5	14447.000	31.68	20.00	51.68	74.00	-22.32	peak
6	17956.000	25.44	25.82	51.26	74.00	-22.74	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

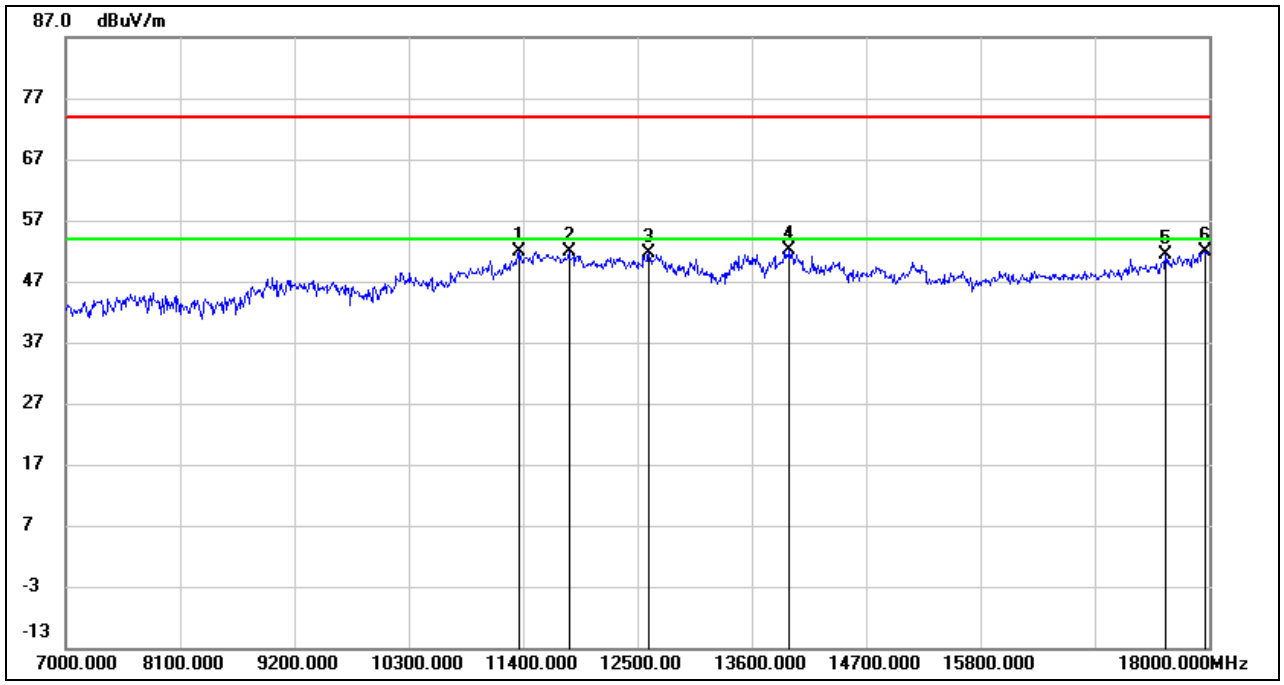
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10949.000	36.06	14.52	50.58	74.00	-23.42	peak
2	11411.000	35.54	16.41	51.95	74.00	-22.05	peak
3	11829.000	34.37	17.38	51.75	74.00	-22.25	peak
4	12588.000	34.34	17.94	52.28	74.00	-21.72	peak
5	13952.000	29.50	21.76	51.26	74.00	-22.74	peak
6	17978.000	26.75	25.97	52.72	74.00	-21.28	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

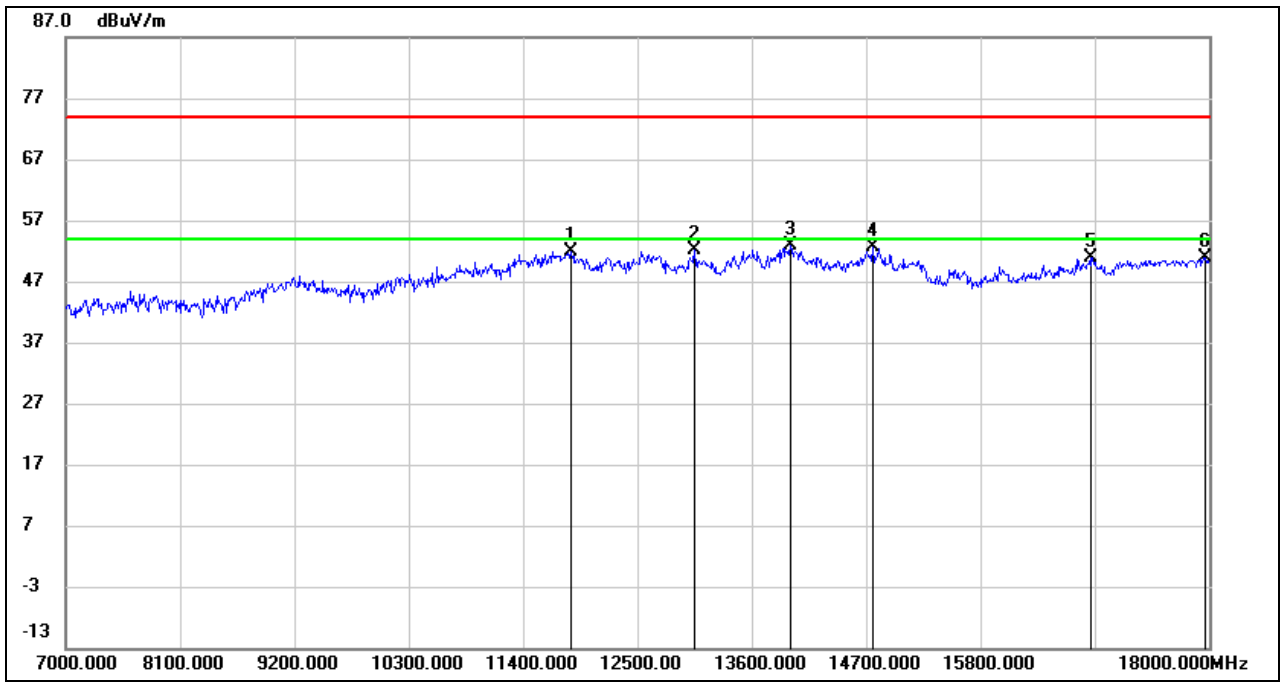
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	35.73	16.22	51.95	74.00	-22.05	peak
2	11840.000	34.37	17.40	51.77	74.00	-22.23	peak
3	12610.000	33.56	17.97	51.53	74.00	-22.47	peak
4	13963.000	30.40	21.78	52.18	74.00	-21.82	peak
5	17582.000	28.20	23.26	51.46	74.00	-22.54	peak
6	17956.000	26.05	25.82	51.87	74.00	-22.13	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

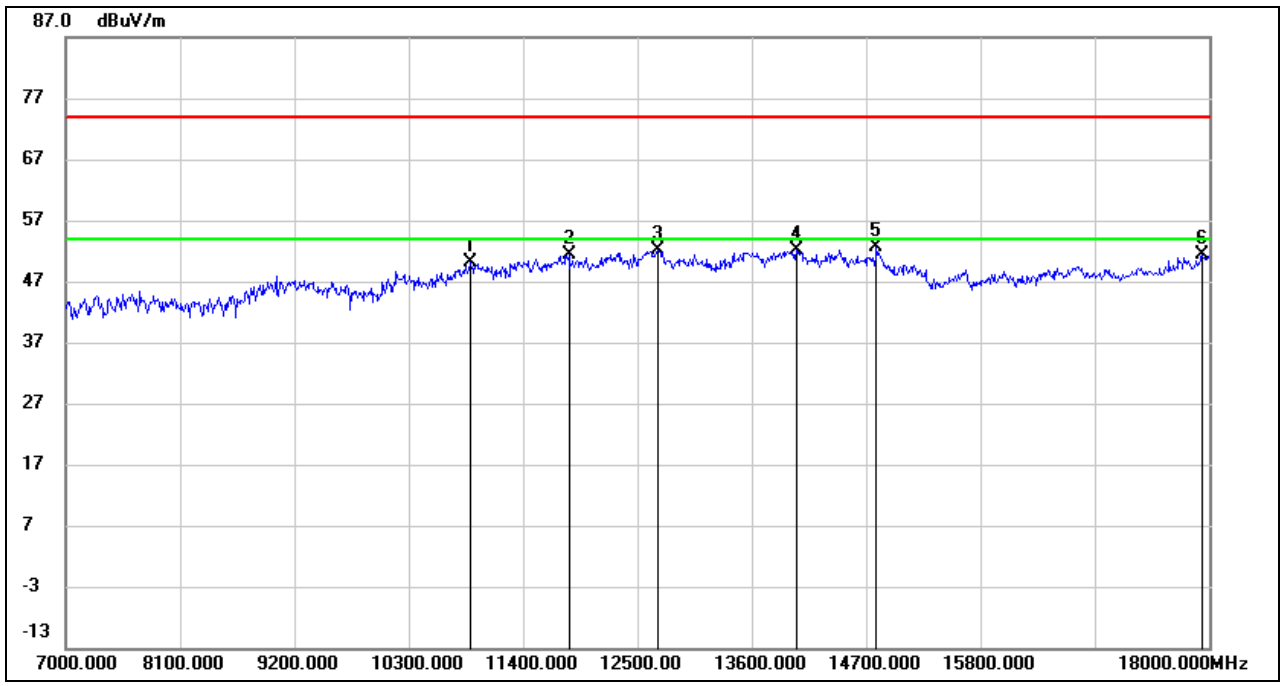
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11862.000	34.44	17.45	51.89	74.00	-22.11	peak
2	13050.000	33.59	18.66	52.25	74.00	-21.75	peak
3	13974.000	31.05	21.82	52.87	74.00	-21.13	peak
4	14766.000	34.09	18.66	52.75	74.00	-21.25	peak
5	16856.000	30.84	19.96	50.80	74.00	-23.20	peak
6	17967.000	24.95	25.89	50.84	74.00	-23.16	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

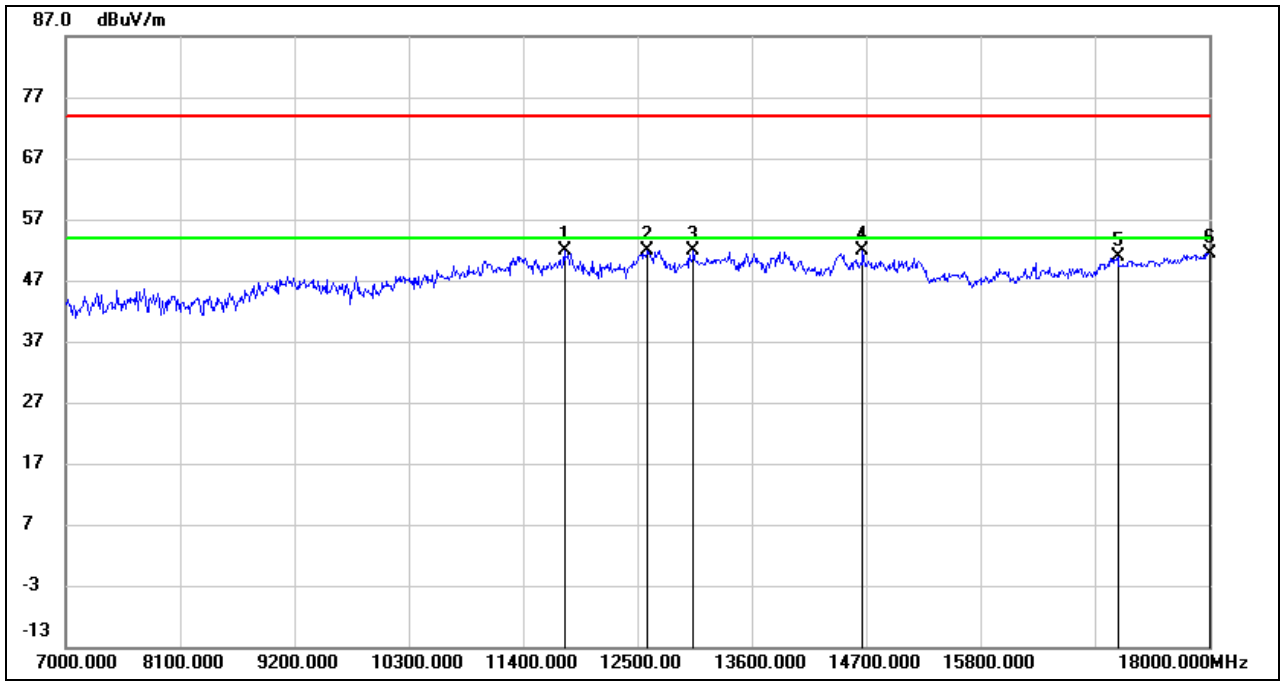
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10894.000	35.88	14.32	50.20	74.00	-23.80	peak
2	11840.000	33.89	17.40	51.29	74.00	-22.71	peak
3	12698.000	33.99	18.08	52.07	74.00	-21.93	peak
4	14029.000	30.45	21.76	52.21	74.00	-21.79	peak
5	14799.000	34.11	18.51	52.62	74.00	-21.38	peak
6	17934.000	25.77	25.67	51.44	74.00	-22.56	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



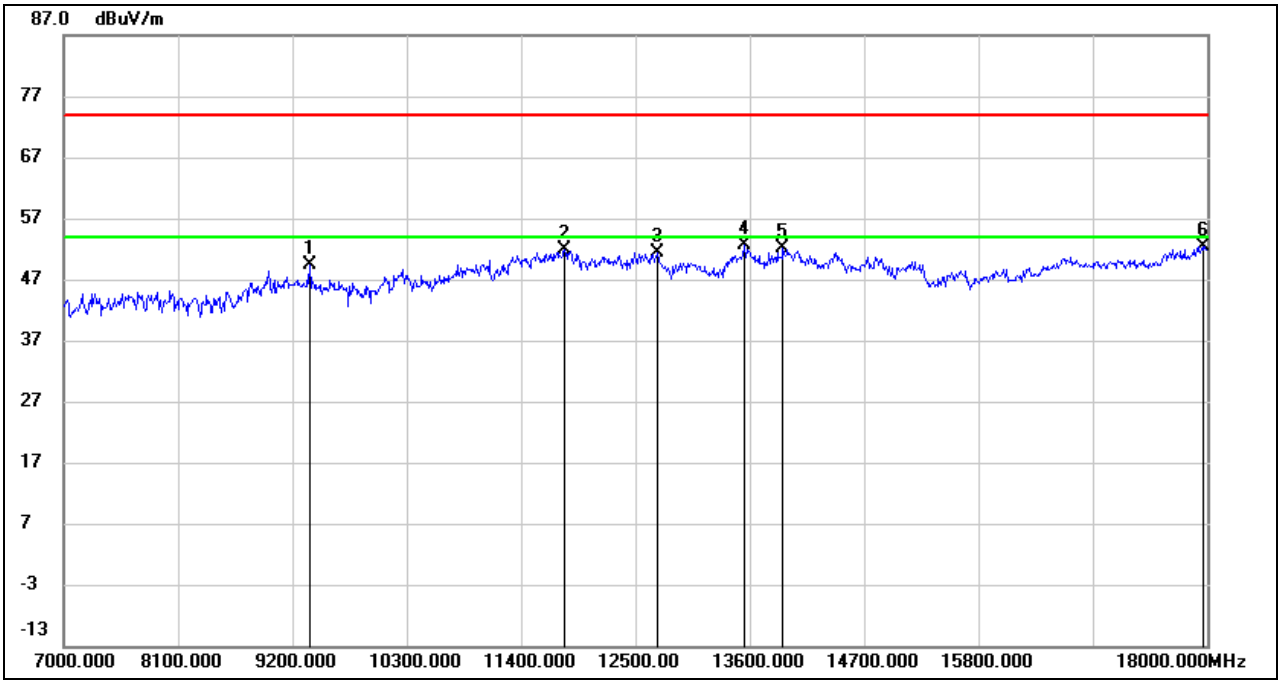
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11796.000	34.47	17.32	51.79	74.00	-22.21	peak
2	12599.000	33.98	17.95	51.93	74.00	-22.07	peak
3	13039.000	33.36	18.62	51.98	74.00	-22.02	peak
4	14667.000	32.76	19.08	51.84	74.00	-22.16	peak
5	17120.000	29.70	21.12	50.82	74.00	-23.18	peak
6	18000.000	25.38	26.12	51.50	74.00	-22.50	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.6. 5 GHz SRD 20 MHz MODE

UNII-3 BAND

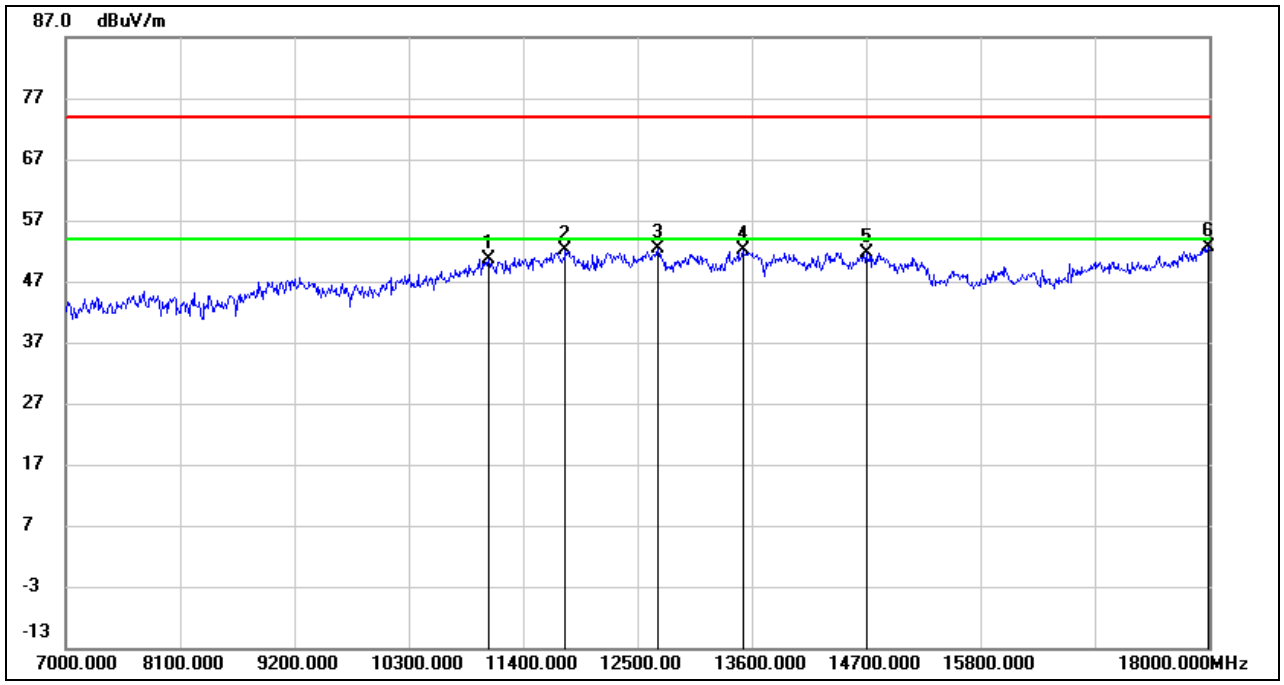
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9365.000	38.84	10.57	49.41	74.00	-24.59	peak
2	11818.000	34.62	17.36	51.98	74.00	-22.02	peak
3	12709.000	33.38	18.09	51.47	74.00	-22.53	peak
4	13545.000	31.95	20.75	52.70	74.00	-21.30	peak
5	13919.000	30.44	21.68	52.12	74.00	-21.88	peak
6	17956.000	26.65	25.82	52.47	74.00	-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.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

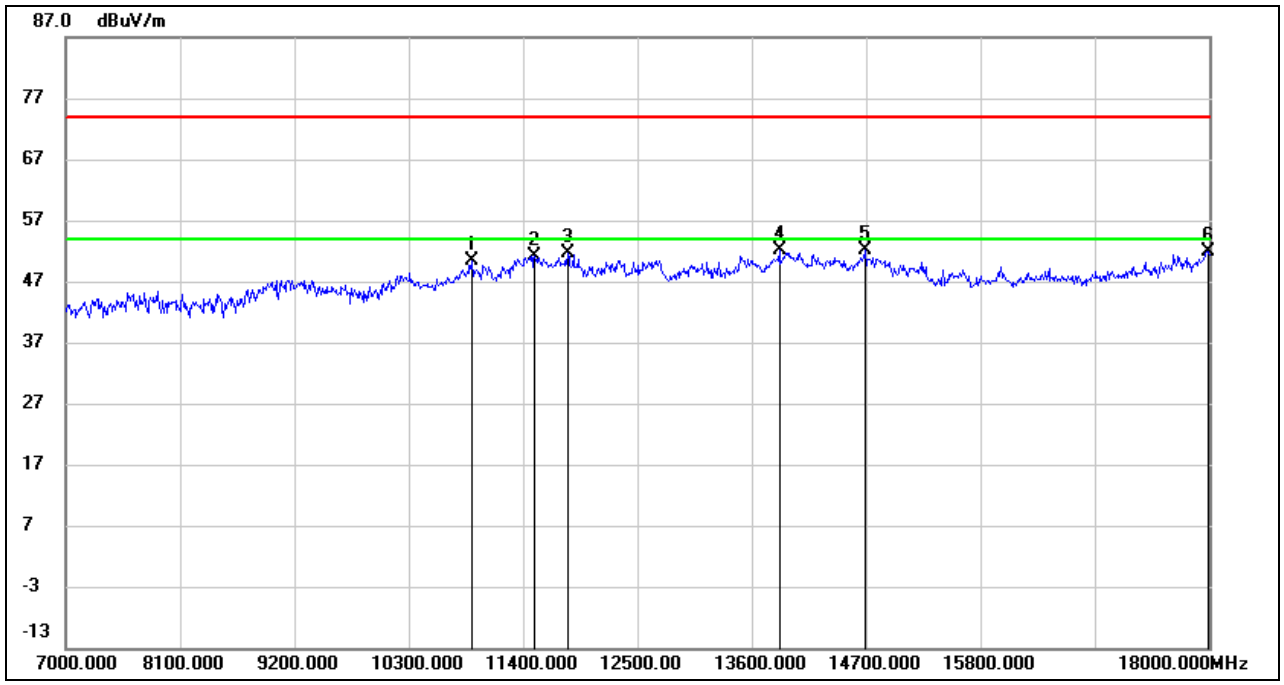
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11070.000	35.57	15.01	50.58	74.00	-23.42	peak
2	11807.000	34.87	17.34	52.21	74.00	-21.79	peak
3	12698.000	34.33	18.08	52.41	74.00	-21.59	peak
4	13512.000	31.37	20.68	52.05	74.00	-21.95	peak
5	14700.000	32.79	18.94	51.73	74.00	-22.27	peak
6	17989.000	26.61	26.04	52.65	74.00	-21.35	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

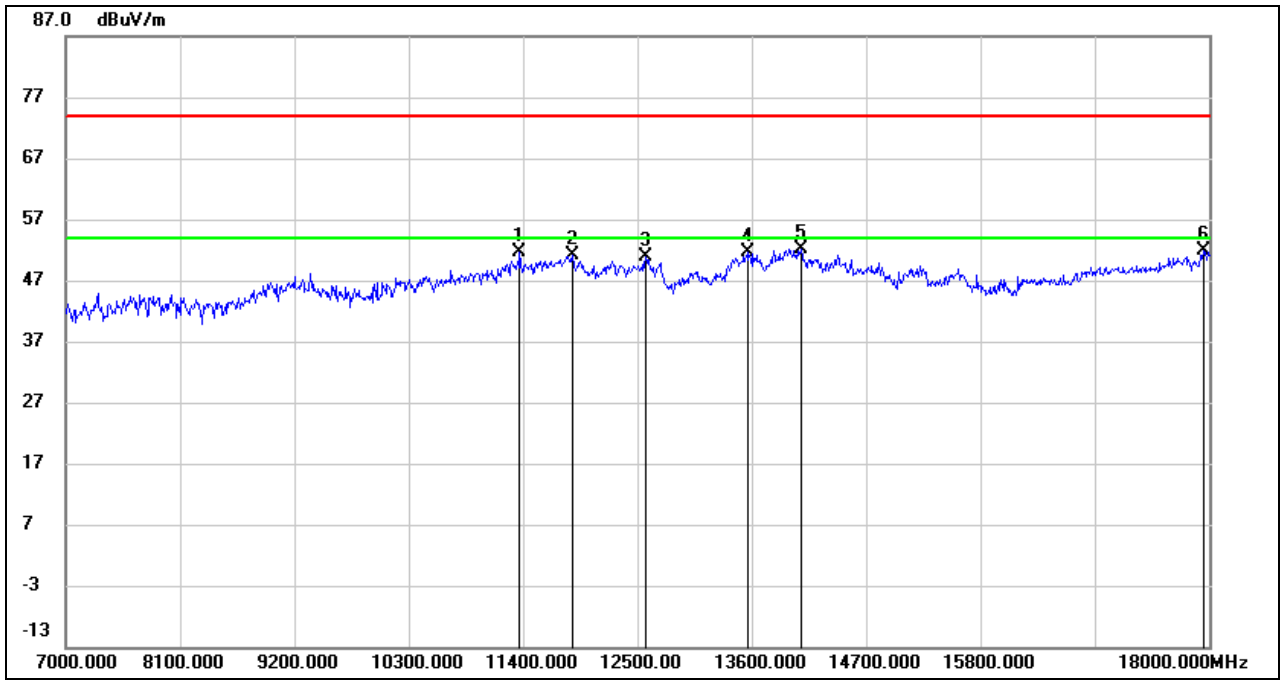
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10905.000	35.93	14.36	50.29	74.00	-23.71	peak
2	11510.000	34.28	16.79	51.07	74.00	-22.93	peak
3	11829.000	34.25	17.38	51.63	74.00	-22.37	peak
4	13864.000	30.49	21.53	52.02	74.00	-21.98	peak
5	14689.000	33.02	18.99	52.01	74.00	-21.99	peak
6	17989.000	25.93	26.04	51.97	74.00	-22.03	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

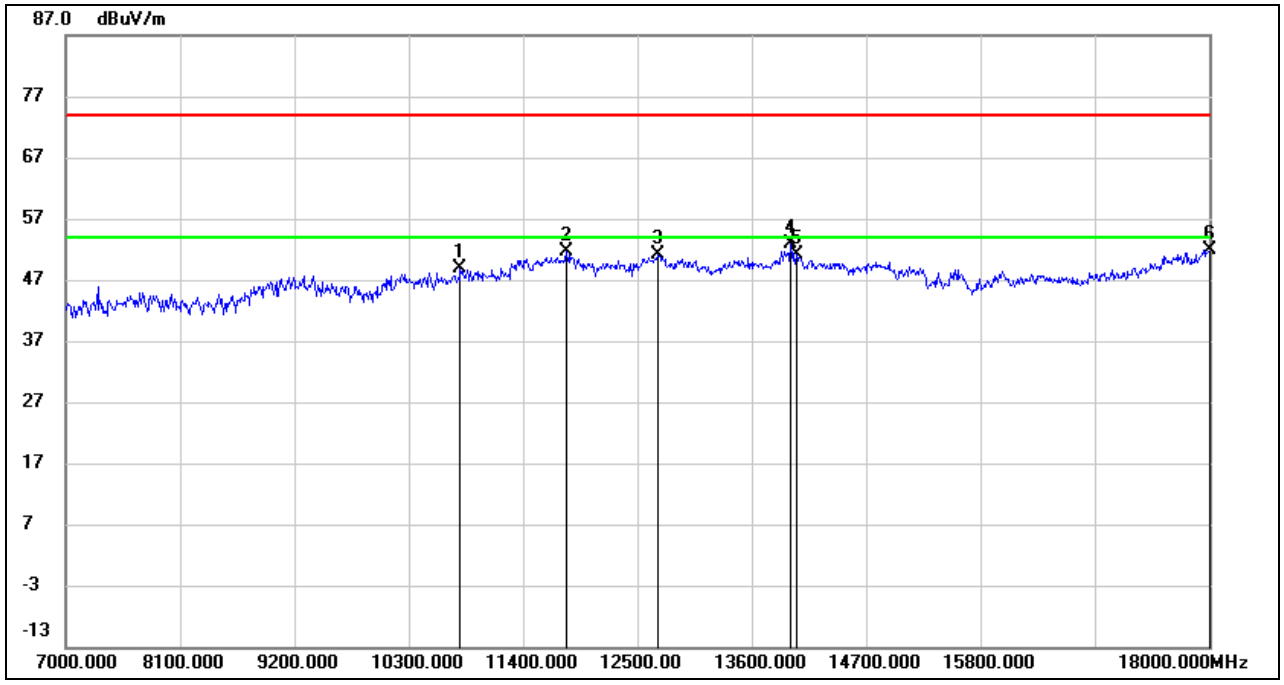
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	35.36	16.22	51.58	74.00	-22.42	peak
2	11873.000	33.63	17.46	51.09	74.00	-22.91	peak
3	12577.000	32.87	17.93	50.80	74.00	-23.20	peak
4	13567.000	30.83	20.80	51.63	74.00	-22.37	peak
5	14073.000	30.63	21.57	52.20	74.00	-21.80	peak
6	17945.000	26.11	25.75	51.86	74.00	-22.14	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 the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

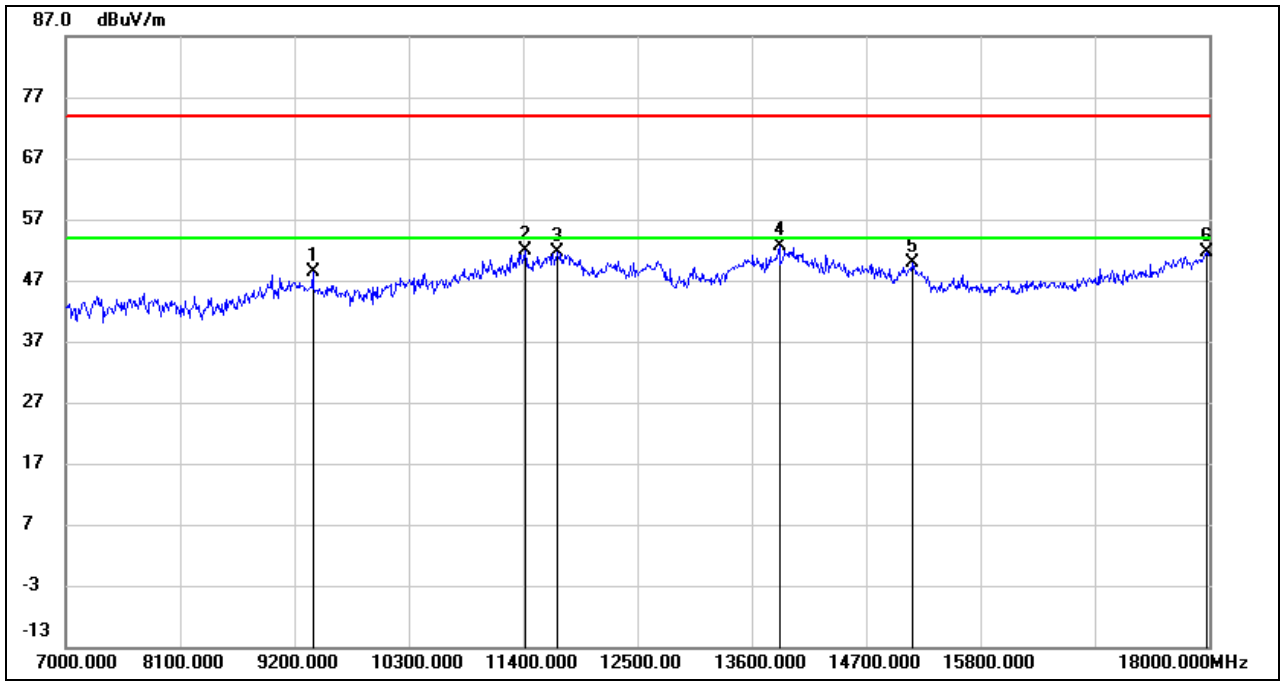
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10795.000	34.96	13.94	48.90	74.00	-25.10	peak
2	11818.000	34.15	17.36	51.51	74.00	-22.49	peak
3	12698.000	33.08	18.08	51.16	74.00	-22.84	peak
4	13974.000	31.16	21.82	52.98	74.00	-21.02	peak
5	14029.000	29.27	21.76	51.03	74.00	-22.97	peak
6	18000.000	25.79	26.12	51.91	74.00	-22.09	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



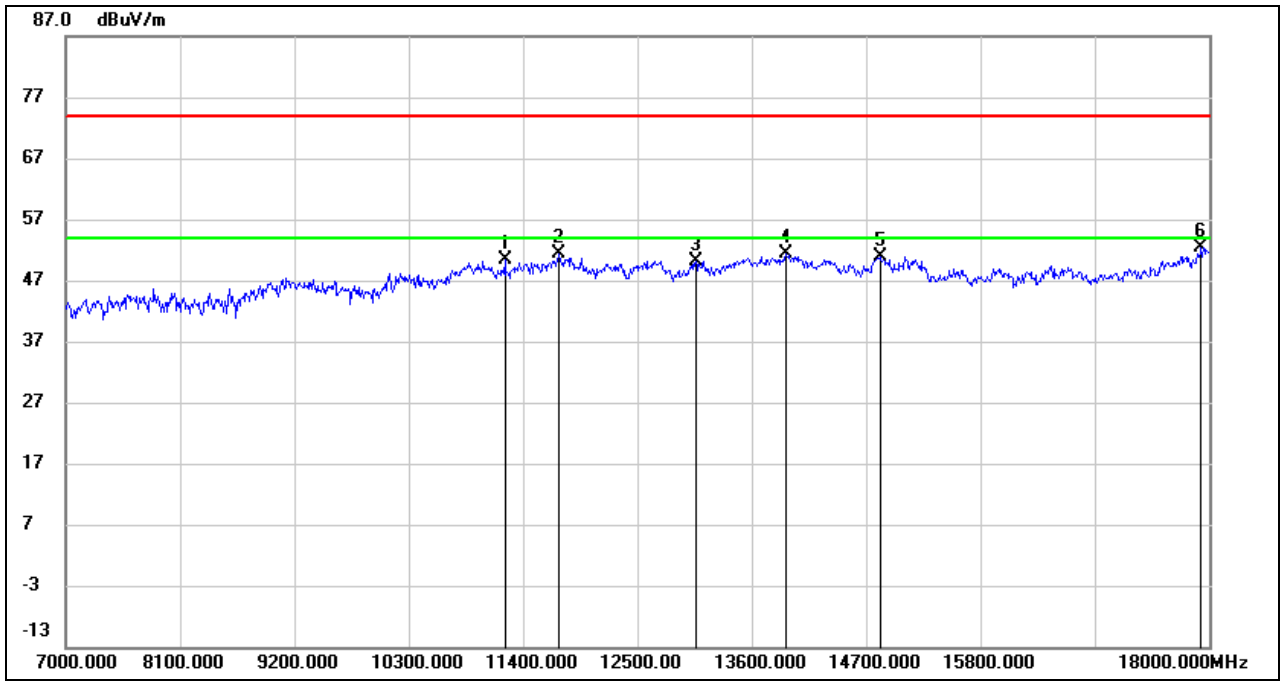
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9376.000	37.76	10.58	48.34	74.00	-25.66	peak
2	11422.000	35.35	16.46	51.81	74.00	-22.19	peak
3	11730.000	34.34	17.19	51.53	74.00	-22.47	peak
4	13864.000	30.98	21.53	52.51	74.00	-21.49	peak
5	15140.000	32.60	17.40	50.00	74.00	-24.00	peak
6	17978.000	25.73	25.97	51.70	74.00	-22.30	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

8.3.7. 5 GHz SRD 40 MHz MODE

UNII-3 BAND

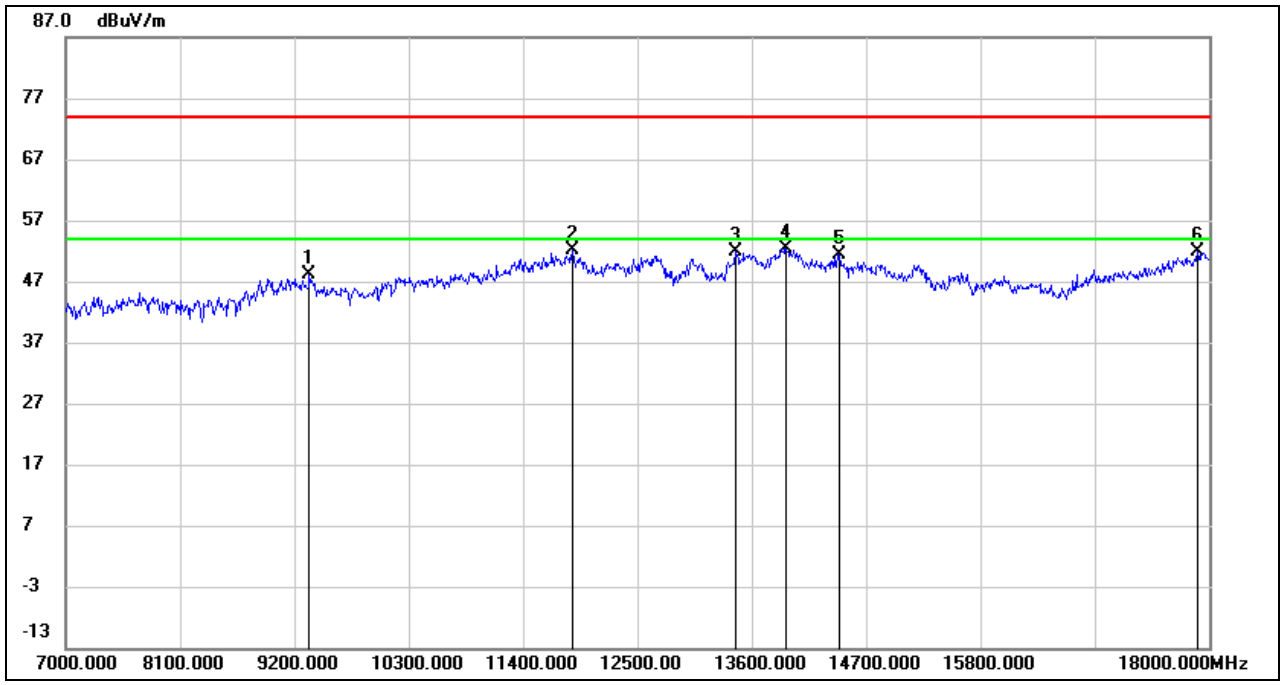
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11224.000	34.68	15.64	50.32	74.00	-23.68	peak
2	11741.000	34.09	17.22	51.31	74.00	-22.69	peak
3	13061.000	31.46	18.71	50.17	74.00	-23.83	peak
4	13930.000	29.65	21.71	51.36	74.00	-22.64	peak
5	14832.000	32.61	18.38	50.99	74.00	-23.01	peak
6	17923.000	26.76	25.60	52.36	74.00	-21.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

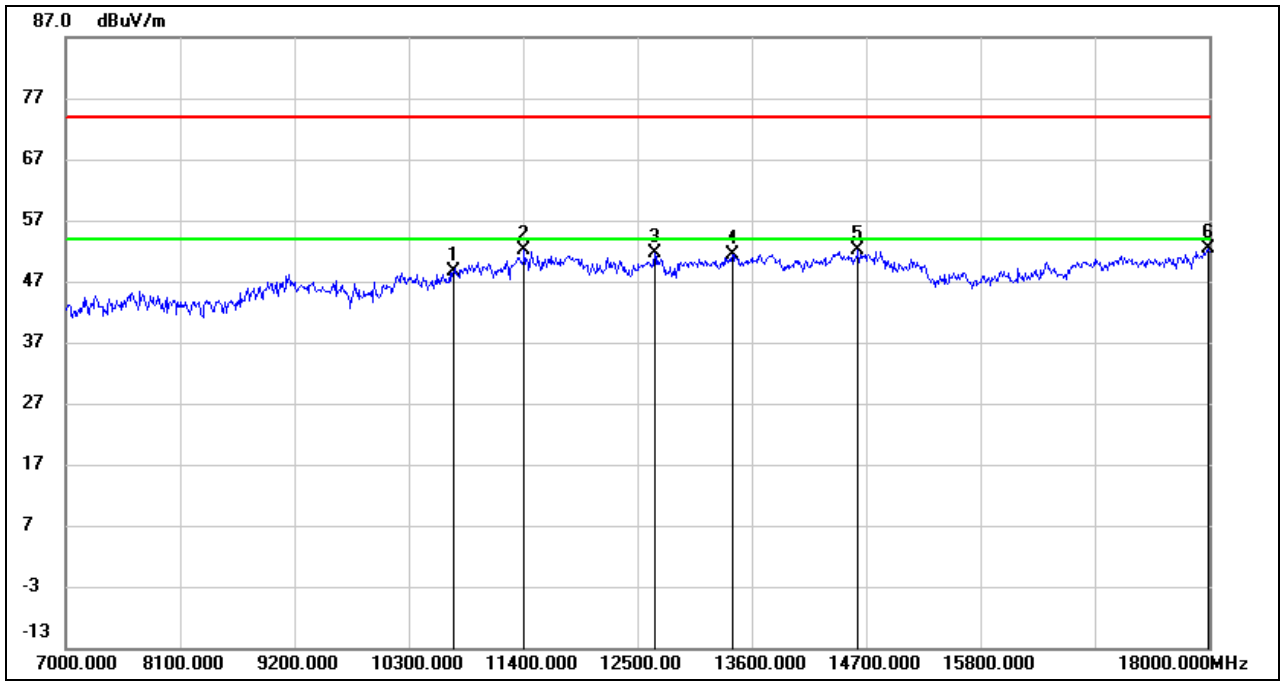
HARMONICS AND SPURIOUS EMISSIONS (LOW CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9343.000	37.54	10.55	48.09	74.00	-25.91	peak
2	11873.000	34.64	17.46	52.10	74.00	-21.90	peak
3	13446.000	31.48	20.41	51.89	74.00	-22.11	peak
4	13930.000	30.73	21.71	52.44	74.00	-21.56	peak
5	14447.000	31.47	20.00	51.47	74.00	-22.53	peak
6	17890.000	26.41	25.37	51.78	74.00	-22.22	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

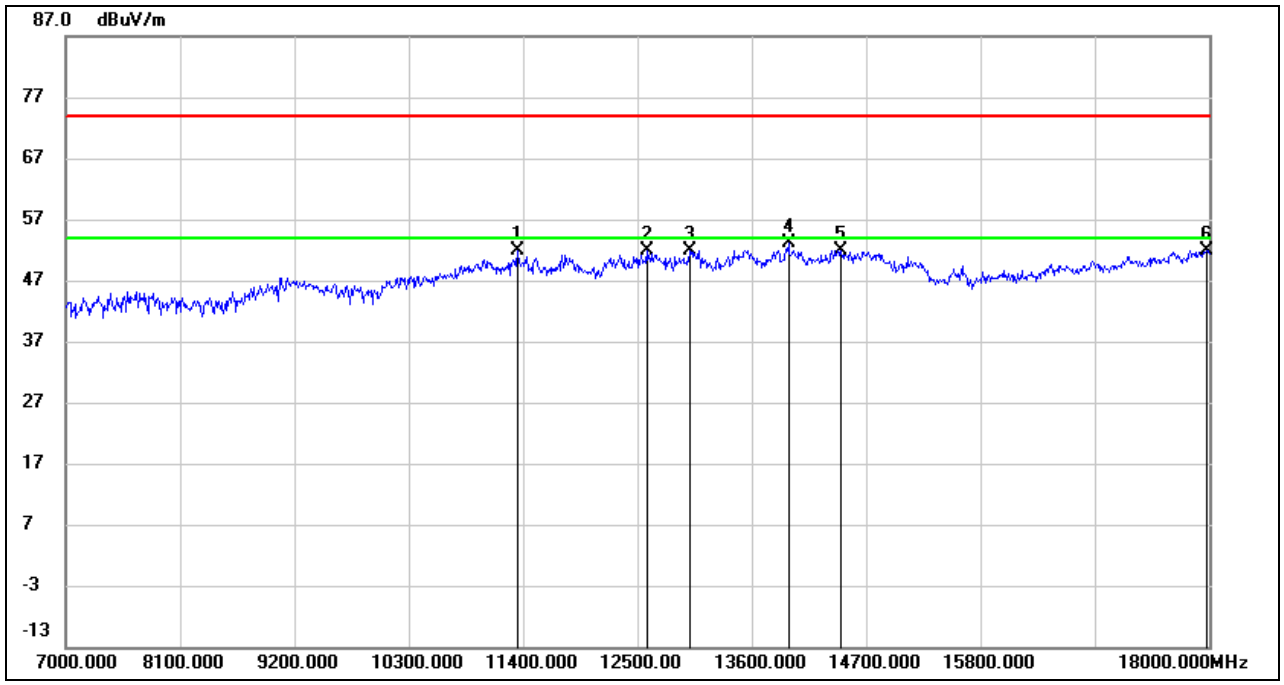
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10729.000	34.87	13.69	48.56	74.00	-25.44	peak
2	11411.000	35.79	16.41	52.20	74.00	-21.80	peak
3	12665.000	33.54	18.04	51.58	74.00	-22.42	peak
4	13413.000	31.24	20.26	51.50	74.00	-22.50	peak
5	14623.000	32.89	19.27	52.16	74.00	-21.84	peak
6	17989.000	26.32	26.04	52.36	74.00	-21.64	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

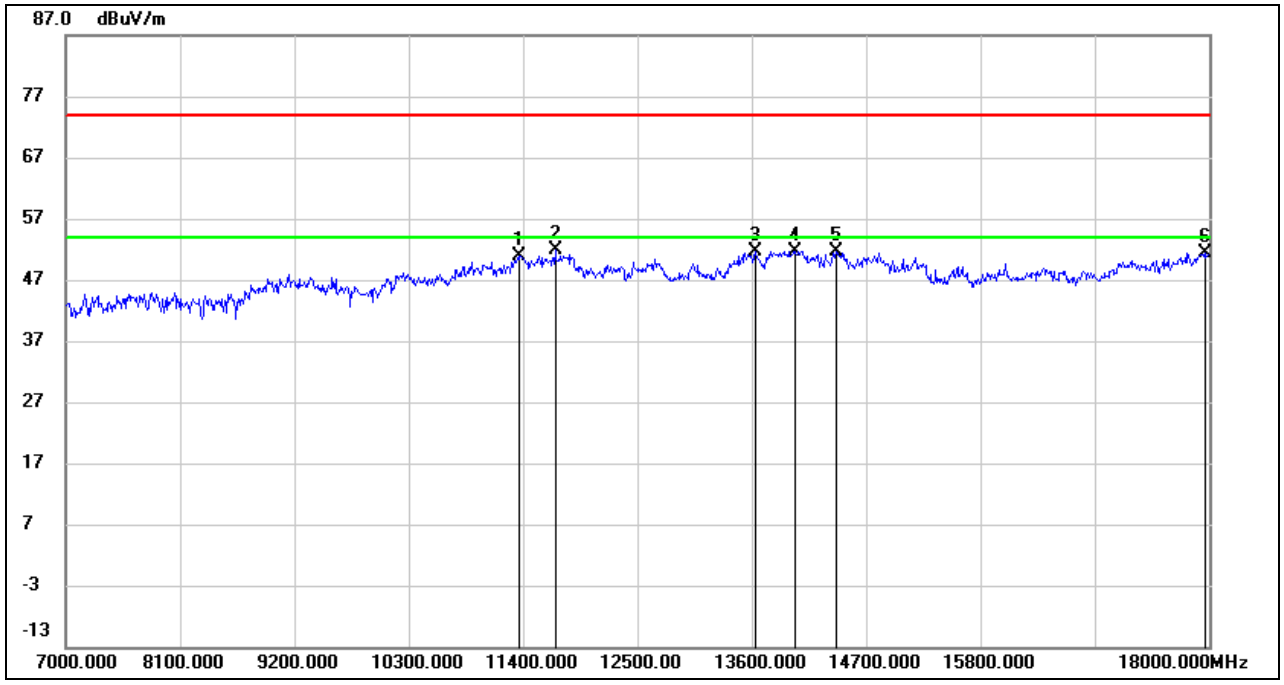
HARMONICS AND SPURIOUS EMISSIONS (MID CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11345.000	35.63	16.14	51.77	74.00	-22.23	peak
2	12588.000	33.98	17.94	51.92	74.00	-22.08	peak
3	13006.000	33.30	18.47	51.77	74.00	-22.23	peak
4	13952.000	31.43	21.76	53.19	74.00	-20.81	peak
5	14458.000	31.96	19.95	51.91	74.00	-22.09	peak
6	17978.000	25.97	25.97	51.94	74.00	-22.06	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

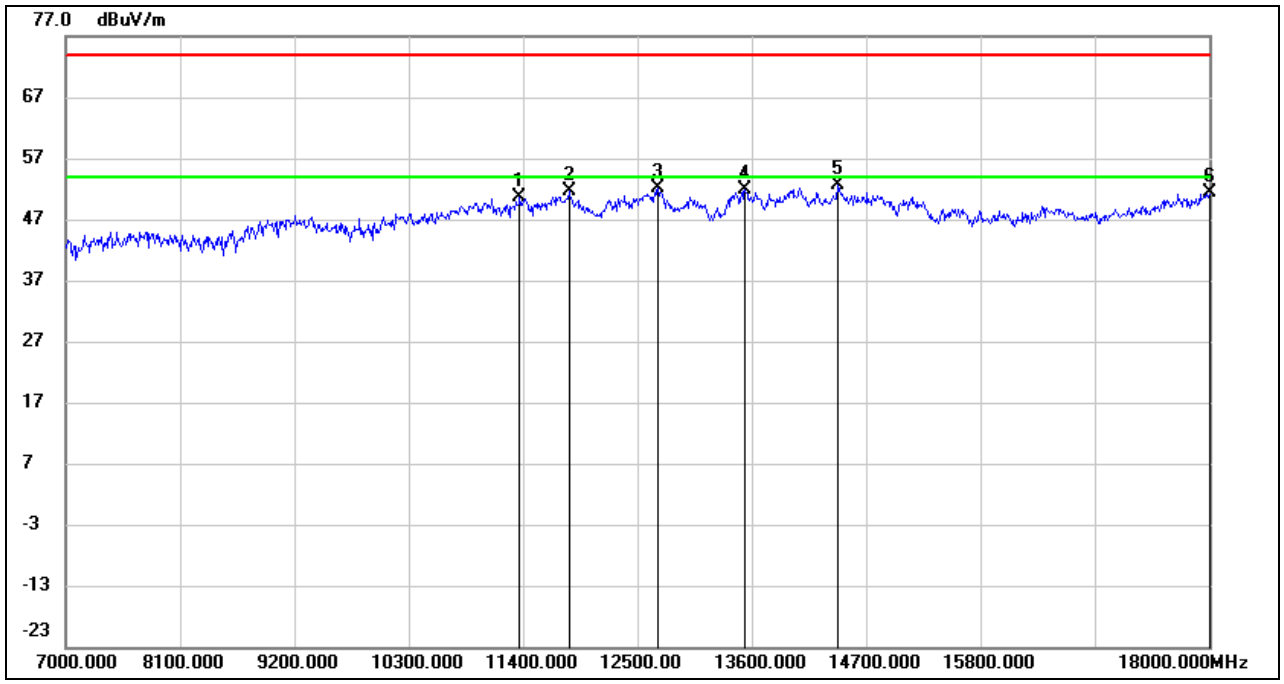
HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, HORIZONTAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11356.000	34.80	16.19	50.99	74.00	-23.01	peak
2	11708.000	34.60	17.16	51.76	74.00	-22.24	peak
3	13633.000	30.69	20.97	51.66	74.00	-22.34	peak
4	14018.000	29.94	21.80	51.74	74.00	-22.26	peak
5	14414.000	31.50	20.14	51.64	74.00	-22.36	peak
6	17967.000	25.58	25.89	51.47	74.00	-22.53	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.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

HARMONICS AND SPURIOUS EMISSIONS (HIGH CHANNEL, VERTICAL)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	34.45	16.22	50.67	74.00	-23.33	peak
2	11840.000	34.11	17.40	51.51	74.00	-22.49	peak
3	12698.000	34.10	18.08	52.18	74.00	-21.82	peak
4	13534.000	31.24	20.73	51.97	74.00	-22.03	peak
5	14425.000	32.66	20.09	52.75	74.00	-21.25	peak
6	18000.000	25.27	26.12	51.39	74.00	-22.61	peak

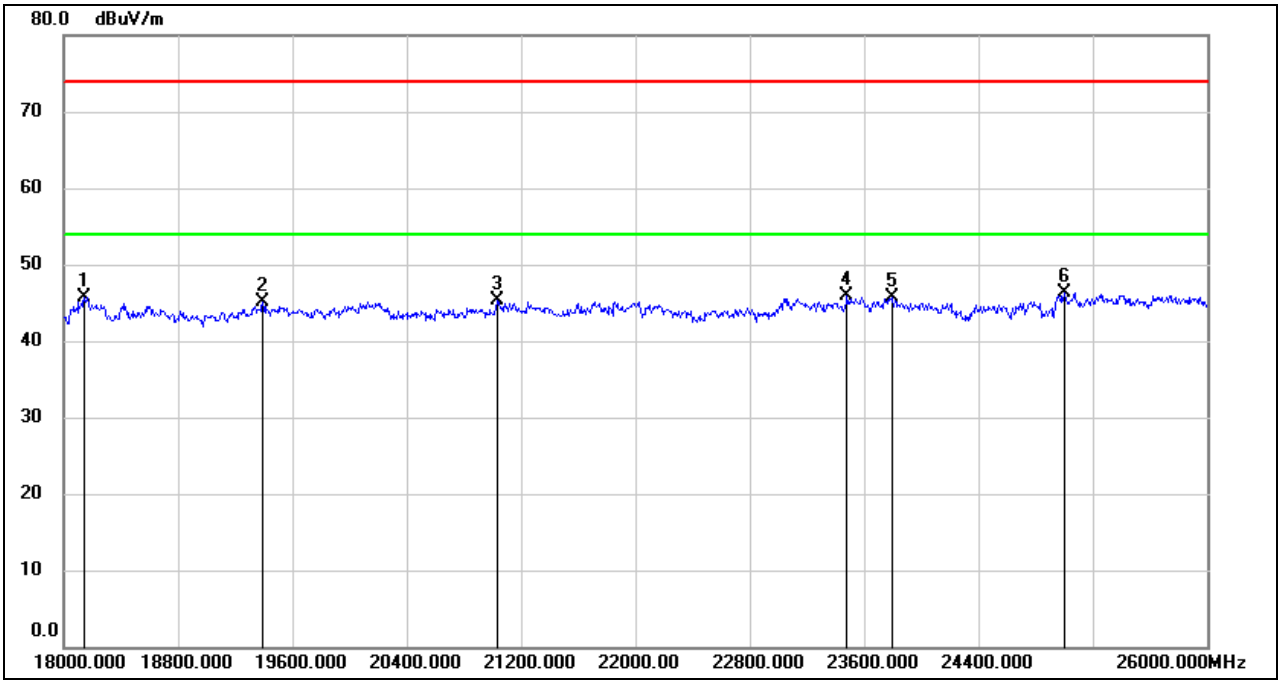
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

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

8.4. SPURIOUS EMISSIONS (18 GHz ~ 26 GHz)

8.4.1. 5 GHz SRD 1.4 MHz MODE

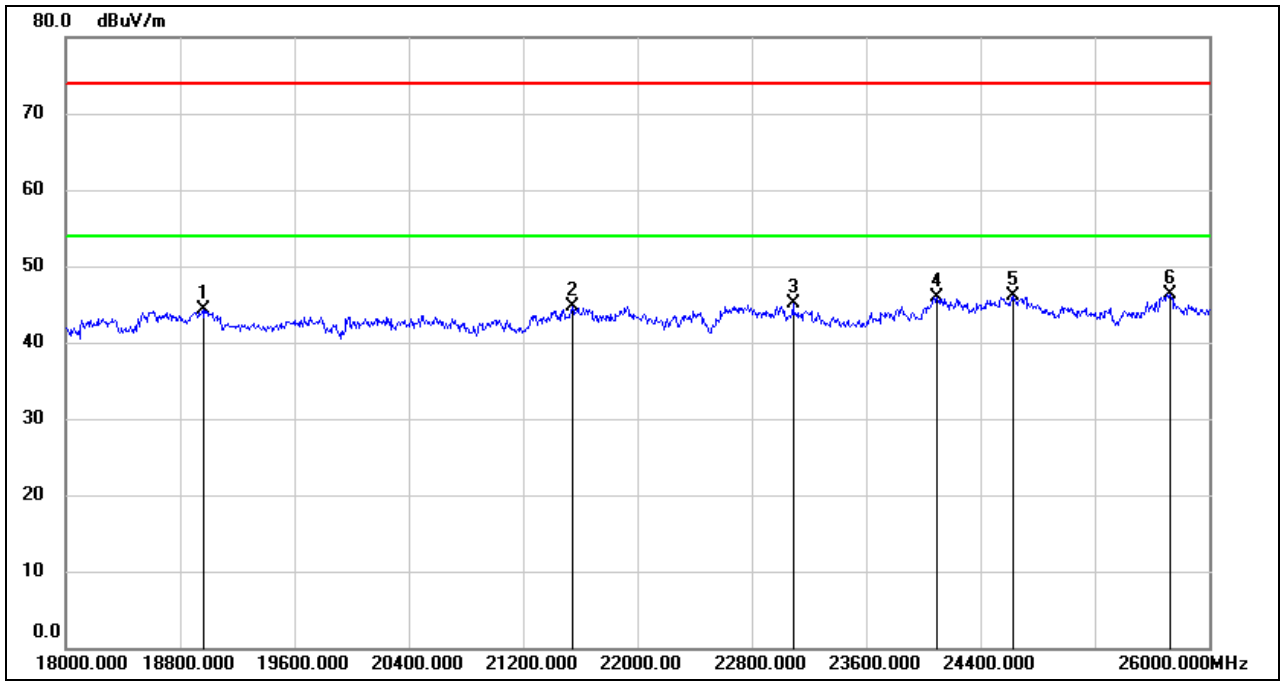
SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18144.000	51.27	-5.48	45.79	74.00	-28.21	peak
2	19392.000	50.62	-5.57	45.05	74.00	-28.95	peak
3	21032.000	50.15	-4.87	45.28	74.00	-28.72	peak
4	23480.000	49.04	-3.16	45.88	74.00	-28.12	peak
5	23800.000	48.91	-3.11	45.80	74.00	-28.20	peak
6	25000.000	48.36	-2.10	46.26	74.00	-27.74	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The preamplifier only effect to the above 18GHz signal and no filter added to the measurement chain.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18960.000	49.51	-5.25	44.26	74.00	-29.74	peak
2	21544.000	49.26	-4.63	44.63	74.00	-29.37	peak
3	23088.000	48.52	-3.41	45.11	74.00	-28.89	peak
4	24096.000	48.61	-2.78	45.83	74.00	-28.17	peak
5	24624.000	48.49	-2.33	46.16	74.00	-27.84	peak
6	25728.000	47.11	-0.72	46.39	74.00	-27.61	peak

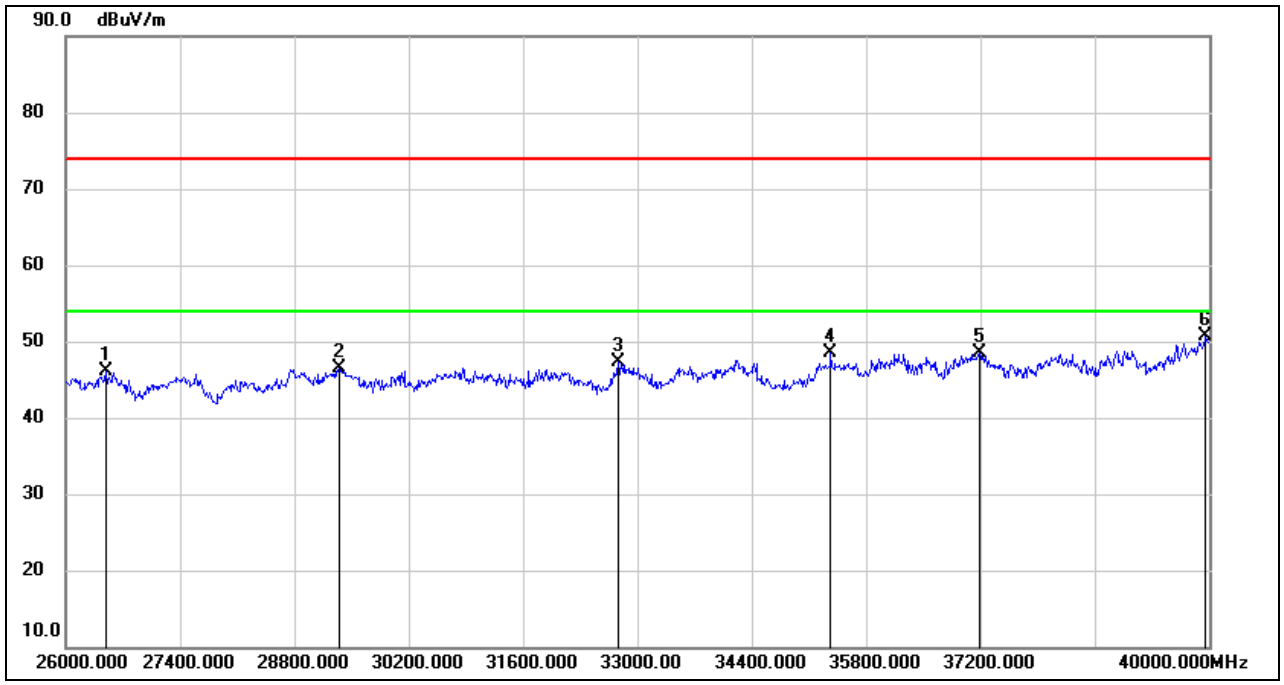
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. The preamplifier only effect to the above 18GHz signal and no filter added to the measurement chain.

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

8.5. SPURIOUS EMISSIONS (26 GHz ~ 40 GHz)

8.5.1. 5 GHz SRD 1.4 MHz MODE

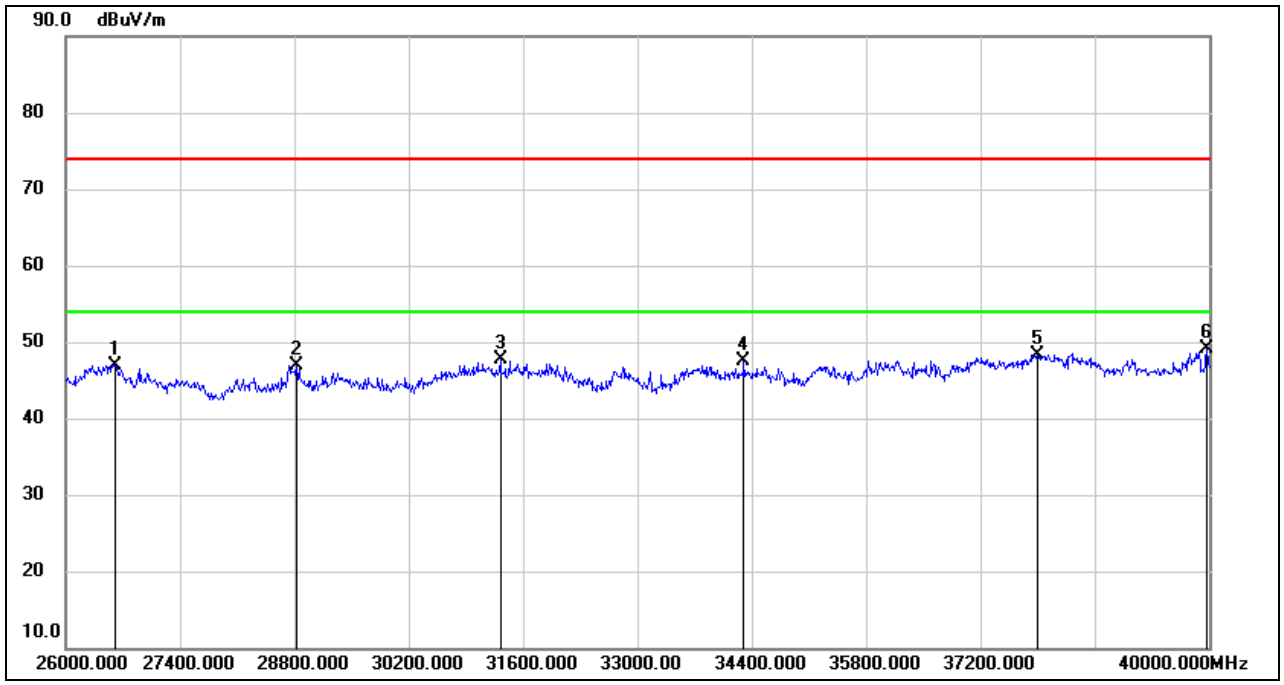
SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	50.79	-4.74	46.05	74.00	-27.95	peak
2	29346.000	47.38	-0.91	46.47	74.00	-27.53	peak
3	32762.000	48.45	-1.21	47.24	74.00	-26.76	peak
4	35366.000	45.90	2.59	48.49	74.00	-25.51	peak
5	37186.000	45.33	3.16	48.49	74.00	-25.51	peak
6	39958.000	45.58	5.12	50.70	74.00	-23.30	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26602.000	51.78	-4.80	46.98	74.00	-27.02	peak
2	28828.000	47.63	-0.79	46.84	74.00	-27.16	peak
3	31320.000	48.61	-0.93	47.68	74.00	-26.32	peak
4	34302.000	46.45	1.10	47.55	74.00	-26.45	peak
5	37900.000	44.98	3.42	48.40	74.00	-25.60	peak
6	39972.000	43.95	5.13	49.08	74.00	-24.92	peak

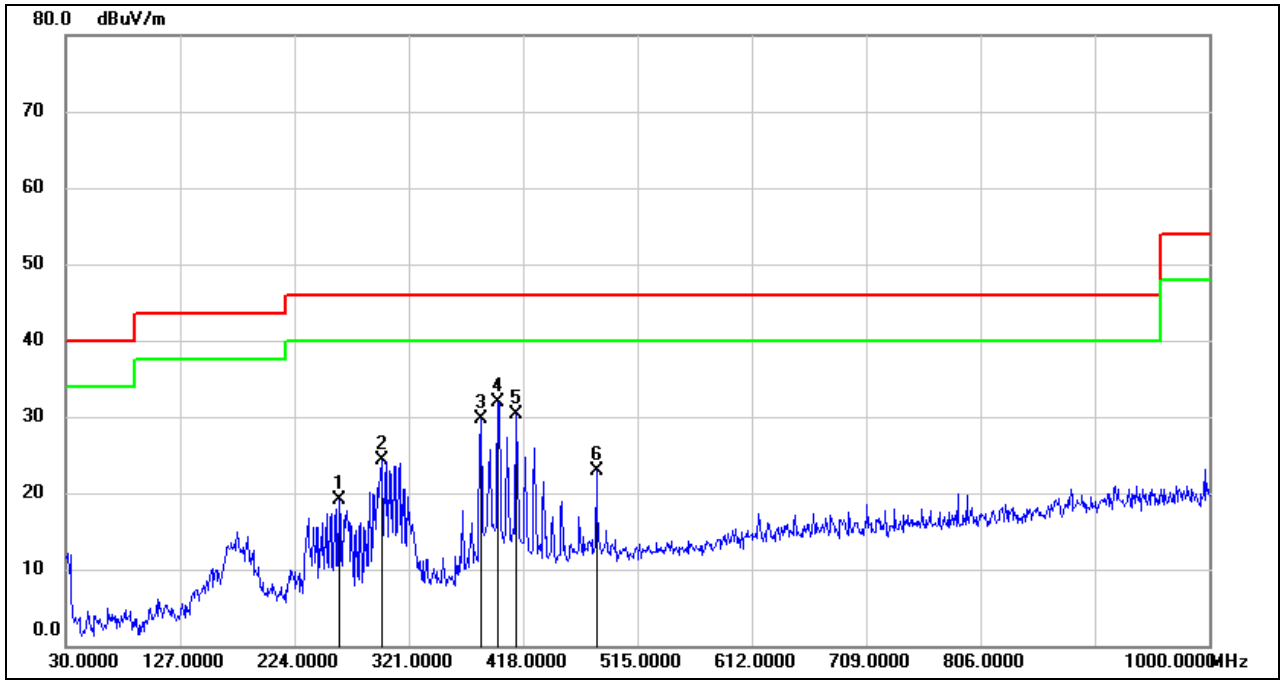
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. Proper operation of the transmitter prior to adding the filter to the measurement chain.

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

8.6. SPURIOUS EMISSIONS (30 MHz ~ 1 GHz)

8.6.1. 5 GHz SRD 1.4 MHz MODE

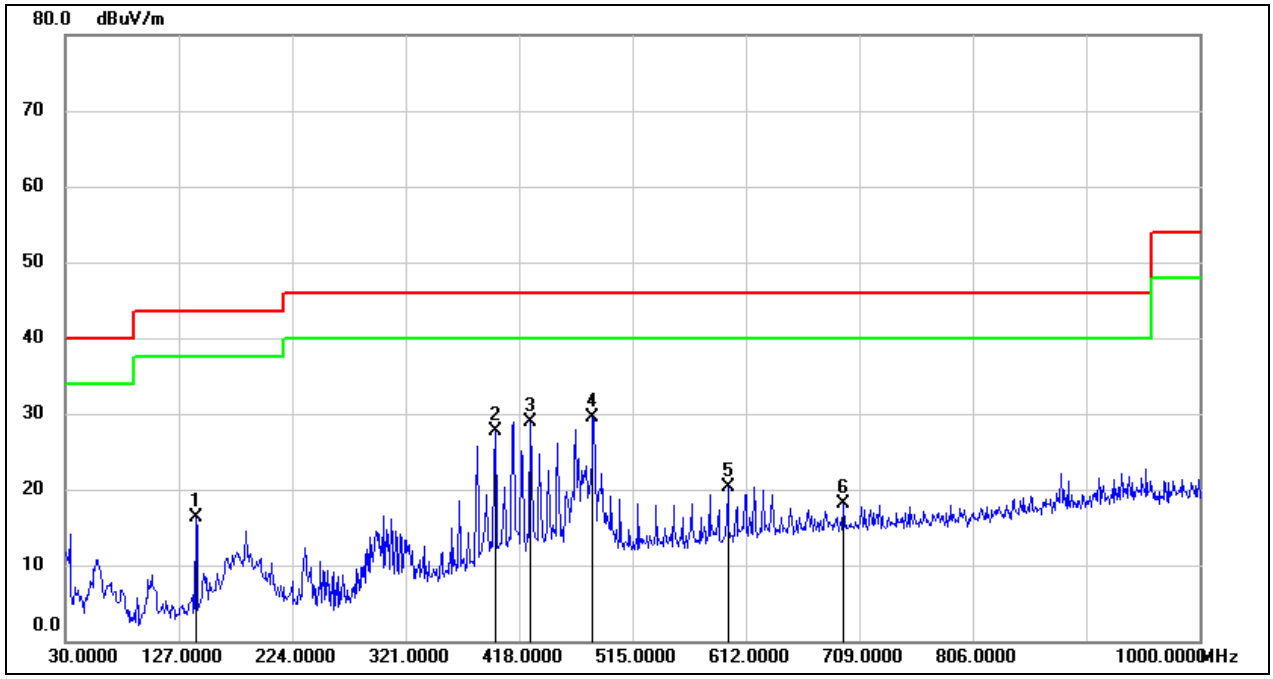
SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, HORIZONTAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	261.8299	37.55	-18.40	19.15	46.00	-26.85	QP
2	298.6900	39.63	-15.38	24.25	46.00	-21.75	QP
3	382.1099	43.37	-13.60	29.77	46.00	-16.23	QP
4	396.6600	45.36	-13.41	31.95	46.00	-14.05	QP
5	412.1800	43.33	-13.10	30.23	46.00	-15.77	QP
6	480.0800	34.65	-11.79	22.86	46.00	-23.14	QP

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

SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, VERTICAL, WORST-CASE CONFIGURATION)



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	141.5500	35.06	-18.76	16.30	43.50	-27.20	QP
2	397.6300	41.14	-13.39	27.75	46.00	-18.25	QP
3	427.7000	41.70	-12.78	28.92	46.00	-17.08	QP
4	481.0500	41.35	-11.78	29.57	46.00	-16.43	QP
5	596.4800	29.93	-9.64	20.29	46.00	-25.71	QP
6	695.4200	26.40	-8.32	18.08	46.00	-27.92	QP

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

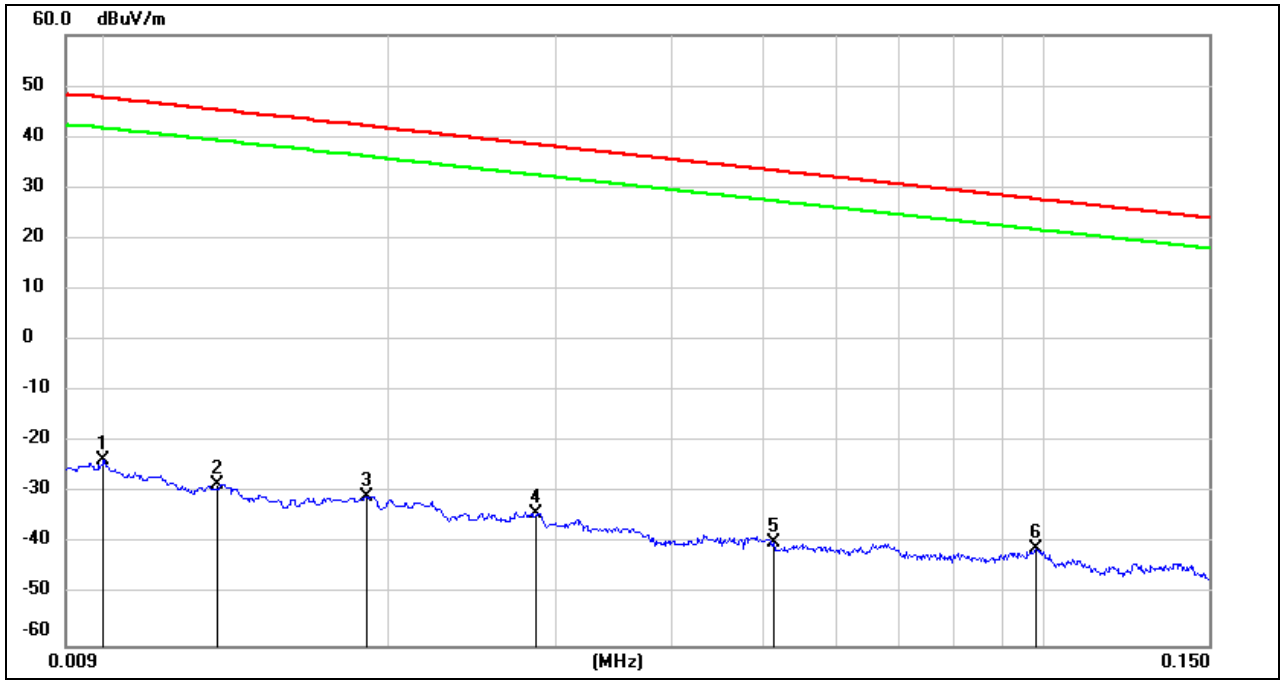
Note: All the modes and channels had been tested, but only the worst data was recorded in the report.

8.7. SPURIOUS EMISSIONS BELOW 30 MHz

8.7.1. 5 GHz SRD 1.4 MHz MODE

SPURIOUS EMISSIONS (UNII-3 BAND LOW CHANNEL, LOOP ANTENNA FACE ON TO THE EUT, WORST-CASE CONFIGURATION)

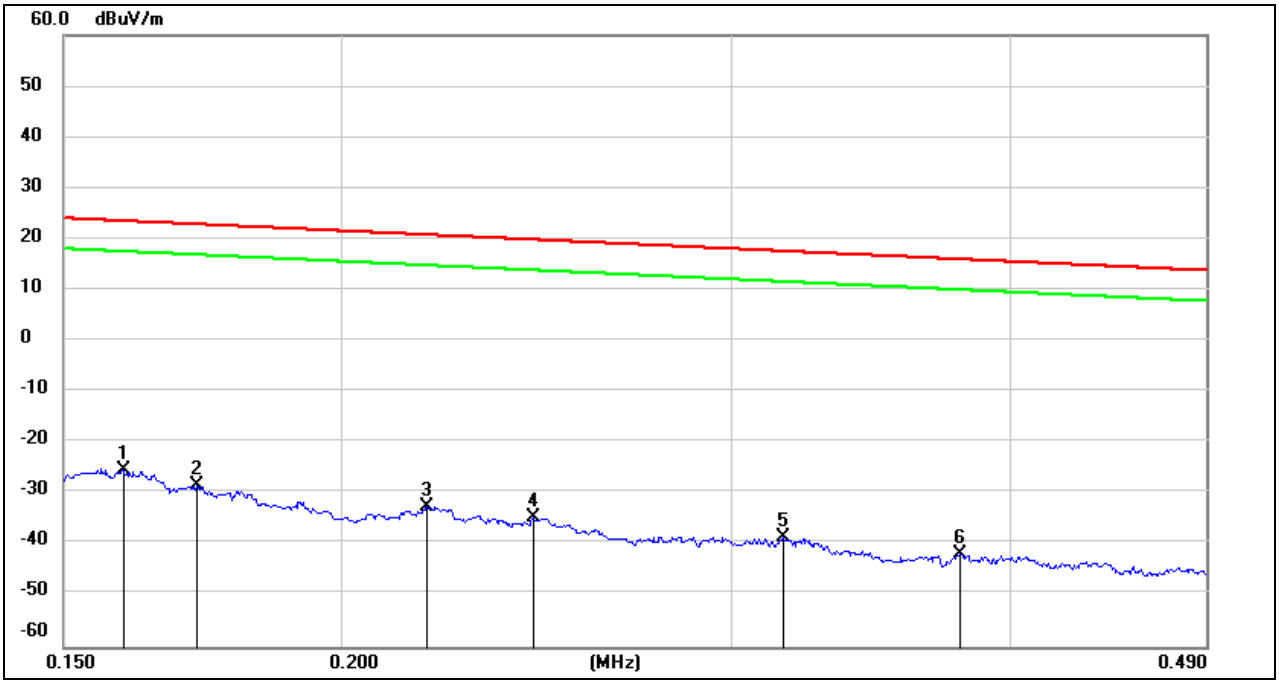
9 kHz ~ 150 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.0100	77.72	-101.40	-23.68	47.60	-71.28	peak
2	0.0131	72.97	-101.38	-28.41	45.25	-73.66	peak
3	0.0189	70.49	-101.35	-30.86	42.07	-72.93	peak
4	0.0286	67.46	-101.38	-33.92	38.47	-72.39	peak
5	0.0514	61.68	-101.48	-39.80	33.38	-73.18	peak
6	0.0981	60.77	-101.78	-41.01	27.77	-68.78	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

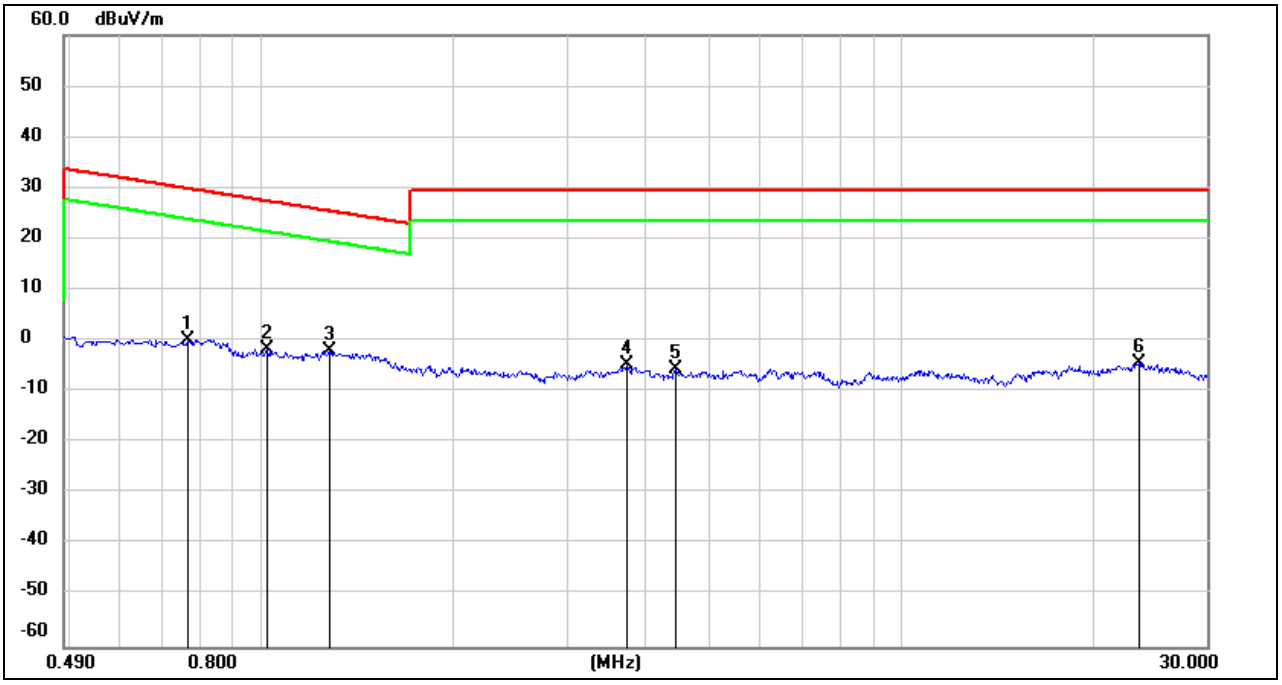
150 kHz ~ 490 kHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.1595	76.36	-101.65	-25.29	23.55	-48.84	peak
2	0.1720	73.19	-101.67	-28.48	22.90	-51.38	peak
3	0.2187	69.25	-101.75	-32.50	20.80	-53.30	peak
4	0.2442	67.03	-101.79	-34.76	19.85	-54.61	peak
5	0.3163	63.20	-101.87	-38.67	17.60	-56.27	peak
6	0.3800	60.02	-101.94	-41.92	16.01	-57.93	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

490 kHz ~ 30 MHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	0.7671	62.41	-62.12	0.29	29.90	-29.61	peak
2	1.0212	60.49	-62.25	-1.76	27.42	-29.18	peak
3	1.2721	60.24	-62.15	-1.91	25.52	-27.43	peak
4	3.7100	56.70	-61.41	-4.71	29.54	-34.25	peak
5	4.4443	55.79	-61.40	-5.61	29.54	-35.15	peak
6	23.4783	56.24	-60.56	-4.32	29.54	-33.86	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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

9. ANTENNA REQUIREMENTS

APPLICABLE REQUIREMENTS

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

Please refer to FCC §15.407(a)(1)(2)(3)
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi..

RESULTS

Complies

END OF REPORT