CFR 47 FCC PART 15 SUBPART E

TEST REPORT

For

Wireless Router

MODEL NUMBER: SR120-A

FCC ID: 2AV2N-SR120A

REPORT NUMBER: 4789430346-2

ISSUE DATE: May 20, 2020

Prepared for

Fiberhome Telecommunication Technologies Co., Ltd.
No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei Province, P.R.China

Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	5/20/2020	Initial Issue	

Summary of Test Results			
Clause	Test Items	FCC/IC Rules	Test Results
1	6dB/26dB Bandwidth	FCC 15.407 (a)&(e)	PASS
2	99% Occupied Bandwidth	RSS-Gen Clause 6.7	PASS
3	Maximum Conducted Output Power	FCC 15.407 (a)	PASS
4	Power Spectral Density	FCC 15.407 (a)	PASS
5	Radiated Bandedge and Spurious Emission	FCC 15.407 (b) FCC 15.209 FCC 15.205	PASS
6	Conducted Emission Test For AC Power Port	FCC 15.207	PASS
7	Frequency Stability	FCC 15.407 (g)	PASS
8	Antenna Requirement	FCC 15.203	PASS

Note:
1. This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
2. The measurement result for the sample received is <Pass> according to < CFR 47 FCC PART 15 SUBPART E > when <Accuracy Method> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei Province, P.R.China

Manufacturer Information

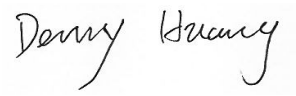
Company Name:	Fiberhome Telecommunication Technologies Co., Ltd.
Address:	No.88 Youkeyuan Road, Hongshan District, Wuhan, Hubei Province, P.R.China

EUT Description

EUT Name:	Wireless Router
Model:	SR120-A
Brand:	FiberHome
Sample Status:	Normal
Sample ID:	2978107
Sample Received Date:	March 25, 2020
Date of Tested:	March 26, 2020 ~ May 20, 2020

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

Prepared By:



Denny Huang
Project Engineer

Checked By:

Shawn Wen
Laboratory Leader

Approved By:

Stephen Guo

Laboratory Manager

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, CFR 47 FCC Part 2, CFR 47 FCC Part 15, KDB 789033 D02 v02r01, RSS-GEN Issue 5, RSS-247 Issue 2, KDB414788 D01 Radiated Test Site v01.

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. **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 30MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30MHz had been correlated to measurements performed on an 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
Uncertainty for Conduction emission test	3.62dB
Uncertainty for Radiation Emission Test (Include Fundamental emission) (9KHz-30MHz)	2.2dB
Uncertainty for Radiation Emission Test (Include Fundamental Emission) (30MHz-1GHz)	4.00dB
Uncertainty for Radiation Emission Test (1GHz to 26GHz)(Include Fundamental Emission)	5.78dB (1GHz-18GHz)
	5.23dB (18GHz-26GHz)
	5.64dB (26GHz-40GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

Equipment	Wireless Router
Model Name	SR120-A
Radio Technology	IEEE 802.11a/n HT20/n HT40/ac VHT20/802.11ac VHT40/ac VHT80
Modulation	IEEE 802.11a: OFDM (BPSK, QPSK, 16QAM, 64QAM) IEEE 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) IEEE 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256-QAM)
Operation frequency	UNII-1/UNII-2A/UNII-2C/UNII-3
Rated Power Supply	DC 12V, 1A
Power Adapter	Input: AC 100 ~ 200V, 50/60Hz, 6.6A MAX Output: DC 12V, 1A

5.2. MAXIMUM EIRP

UNII-1 BAND

IEE Std.	Frequency (MHz)	Max Power (dBm)	Max EIRP (dBm)
802.11a 20	5180-5240	12.55	20.72
802.11n HT20	5180-5240	12.54	20.71
802.11n HT40	5190-5230	14.37	22.54
802.11ac VHT20	5180-5240	12.41	20.58
802.11ac VHT40	5190-5230	14.10	22.27
802.11ac VHT80	5210	14.21	22.38

UNII-2A BAND

IEE Std. 802.11	Frequency (MHz)	Max Power (dBm)
802.11a 20	5260-5320	17.63
802.11n HT20	5260-5320	19.92
802.11n HT40	5270-5310	19.61
802.11ac VHT20	5260-5320	19.64
802.11ac VHT40	5270-5310	19.54
802.11ac VHT80	5290	21.78

UNII-2C BAND

IEE Std. 802.11	Frequency (MHz)	Max Power (dBm)
802.11a 20	5500-5700	17.51
802.11n HT20	5500-5700	20.02
802.11n HT40	5510-5670	20.06
802.11ac VHT20	5500-5700	19.41
802.11ac VHT40	5510-5670	19.69
802.11ac VHT80	5530-5610	21.63

UNII-3 BAND

IEE Std. 802.11	Frequency (MHz)	Max Power (dBm)
802.11a 20	5745-5825	16.62
802.11n HT20	5745-5825	19.18
802.11n HT40	5755-5795	21.43
802.11ac VHT20	5745-5825	19.16
802.11ac VHT40	5755-5795	20.79
802.11ac VHT80	5775	21.77

5.3. CHANNEL LIST

UNII-1 (For Bandwidth=20MHz)		UNII-1 (For Bandwidth=40MHz)		UNII-1 (For Bandwidth=80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

UNII-2A (For Bandwidth=20MHz)		UNII-2A (For Bandwidth=40MHz)		UNII-2A (For Bandwidth=80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

UNII-2C (For Bandwidth=20MHz)		UNII-2C (For Bandwidth=40MHz)		UNII-2C (For Bandwidth=80MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	/	/
112	5560	126	5630		
116	5580	134	5670		
120	5600	/	/		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

5.4. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	MP_TEST

UNII-1

IEEE Std. 802.11	Rate	Channel	Test Software Setting Value	
			ANT1	ANT2
a	6M	36	10	15
		40	11	15
		48	10	14
n HT20	MCS0	36	11	16
		40	11	15
		48	10	14
n HT40	MCS0	38	13	16
		46	12	16
ac VHT20	MCS0	36	11	16
		40	11	15
		48	10	14
ac VHT40	MCS0	38	11	14
		46	11	15
ac VHT80	MCS0	42	14	17

UNII-2A

IEEE Std. 802.11	Rate	Channel	Soft set value	
			ANT1	ANT2
a	6M	52	21	25
		60	20	24
		64	18	21
n HT20	MCS0	52	21	25
		60	20	24
		64	22	25
n HT40	MCS0	54	21	25
		62	20	23
ac VHT20	MCS0	52	20	24
		60	19	23
		64	21	24
ac VHT40	MCS0	54	20	24
		62	20	23
ac VHT80	MCS0	58	27	30

UNII-2C

IEEE Std. 802.11	Rate	Channel	Soft set value	
			ANT1	ANT2
a	6M	100	14	14
		116	8	5
		140	0	0
n HT20	MCS0	100	20	20
		116	11	8
		140	8	3
n HT40	MCS0	102	18	18
		110	10	8
		134	9	2
ac VHT20	MCS0	100	18	19
		116	10	7
		140	7	2
ac VHT40	MCS0	102	18	18
		110	10	8
		134	8	1
ac VHT80	MCS0	106	22	21
		122	19	18

UNII-3

IEEE Std. 802.11	Rate	Channel	Soft set value	
			ANT1	ANT2
a	6M	149	5	3
		157	7	5
		165	3	1
n HT20	MCS0	149	8	7
		157	12	11
		165	11	10
n HT40	MCS0	151	18	15
		159	14	12
ac VHT20	MCS0	149	8	7
		157	11	10
		165	10	9
ac VHT40	MCS0	151	17	14
		159	13	11
ac VHT80	MCS0	155	19	18

5.5. THE WORSE CASE CONFIGURATIONS

For SISO modes, there are two transmission antennas. The antenna used in any given time can be either ANTENNA 1 or ANTENNA 2. The output power measurement for SISO modes on both antennas are reported.

For 2TX MIMO modes, ANTENNA 1 and ANTENNA 2, used at the same time.

Worst-case data rates as provided by the client were:

802.11a mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0
802.11ac VHT20 mode: MCS0
802.11ac VHT40 mode: MCS0
802.11ac VHT80 mode: MCS0

802.11ac VHT20 and VHT40 mode are different from 802.11n HT20 and HT40 only in control messages and have the same power settings, so for these 4 modes, only 802.11n HT20 and 802.11n HT40 modes data are recorded in the report .

Both the SISO mode and MIMO mode are use the same power setting, only the worst data (MIMO mode) was recorded in this report

Both the STBC mode and CDD mode are use the same power setting, only the worst data (CDD mode) was recorded in this report.

The 5G beamforming function is enabled by test program, the carrier wave will be under radio chip phase control and sent to the antennas through the test program.

5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency (MHz)	Antenna Type	Max Antenna Gain (dBi)
1	5150-5850	External Antenna	5.35
2	5150-5850	External Antenna	4.98

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11a 20	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
802.11n HT20	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
802.11n HT40	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
802.11ac VHT20	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
802.11ac VHT40	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
802.11ac VHT80	☒2TX, 2RX	ANT 1,2 can be used as transmitting/receiving antenna.
Note: MIMO with beamforming gain= $10*\log [(10*G1/20 +10*G2/20)^2/2]$ =8.17dBi		

5.7. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

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

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	WLAN	RJ45	Unshielded	1.5	/
2	LAN	RJ45	Unshielded	1.5	/
3	LAN	RJ45	Unshielded	1.5	/
4	LAN	RJ45	Unshielded	1.5	/
5	LAN	RJ45	Unshielded	1.5	/

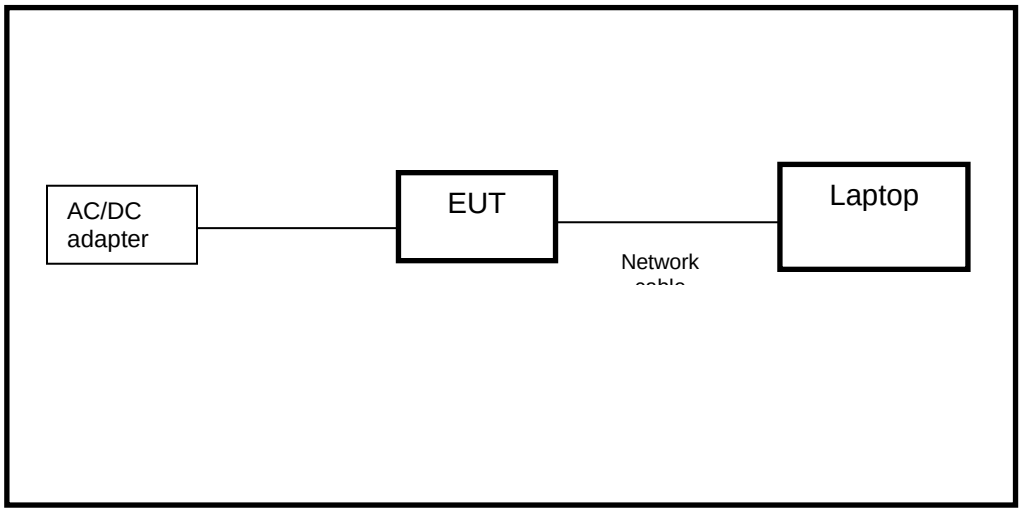
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
1	POWER ADAPTER	Fiberhome	RD1201000-C55-91MG	Input: AC 100 ~ 200V, 50/60Hz, 6.6A MAX Output: DC 12V, 1A

TEST SETUP

The EUT can work in engineering mode with a software.

SETUP DIAGRAM FOR TESTS



6. MEASURING INSTRUMENT AND SOFTWARE USED

Conducted Emissions						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☑	EMI Test Receiver	R&S	ESR3	101961	Dec.05,2019	Dec.05,2020
☑	Two-Line V-Network	R&S	ENV216	101983	Dec.05,2019	Dec.05,2020
☑	Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Dec.05,2019	Dec.05,2020
Software						
Used	Description		Manufacturer	Name	Version	
☑	Test Software for Conducted disturbance		Farad	EZ-EMC	Ver. UL-3A1	
Radiated Emissions						
Instrument						
Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☑	MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Dec.06,2019	Dec.06,2020
☑	Hybrid Log Periodic Antenna	TDK	HLP-3003C	130960	Sep.17, 2018	Sep.17, 2021
☑	Preamplifier	HP	8447D	2944A09099	Dec.05,2019	Dec.05,2020
☑	EMI Measurement Receiver	R&S	ESR26	101377	Dec.05,2019	Dec.05,2020
☑	Horn Antenna	TDK	HRN-0118	130939	Sep.17, 2018	Sep.17, 2021
☑	High Gain Horn Antenna	Schwarzbeck	BBHA-9170	691	Aug.11, 2018	Aug.11, 2021
☑	Preamplifier	TDK	PA-02-0118	TRS-305-00066	Dec.05,2019	Dec.05,2020
☑	Preamplifier	TDK	PA-02-2	TRS-307-00003	Dec.05,2019	Dec.05,2020
☑	Preamplifier	TDK	PA-02-3	TRS-308-00002	Dec.05,2019	Dec.05,2020
☑	Loop antenna	Schwarzbeck	1519B	00008	Jan.07, 2019	Jan.07, 2022
☑	Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Dec.05,2019	Dec.05,2020
☑	Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Dec.05,2019	Dec.05,2020
☑	Band Reject Filter	Wainwright	WRCJV20-5440-5470-5725-5755-	1	Dec.05,2019	Dec.05,2020

			60SS			
☑	High Pass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Dec.05,2019	Dec.05,2020

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

Other instruments

Used	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
☑	Spectrum Analyzer	Keysight	N9030A	MY55410512	Dec.06,2019	Dec.06,2020
☑	Power sensor, Power Meter	R&S	OSP120	100921	Dec.06,2019	Dec.06,2020

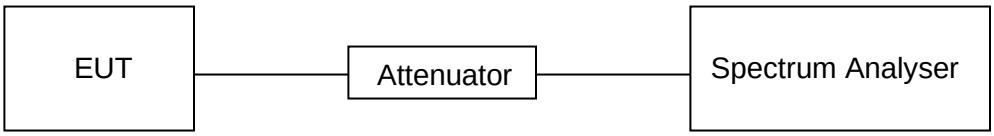
7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

None; for reporting purposes only

TEST SETUP



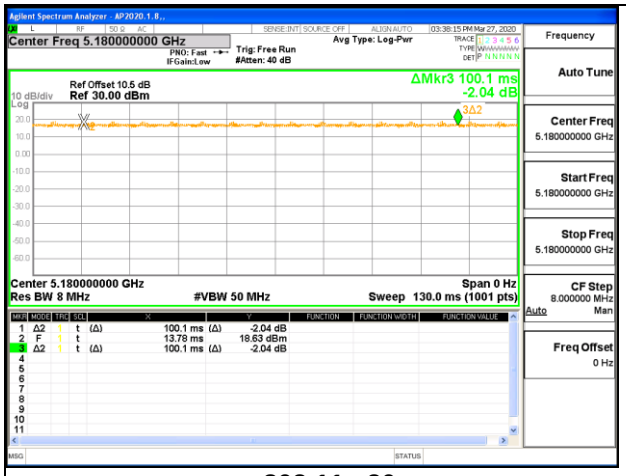
TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	58%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

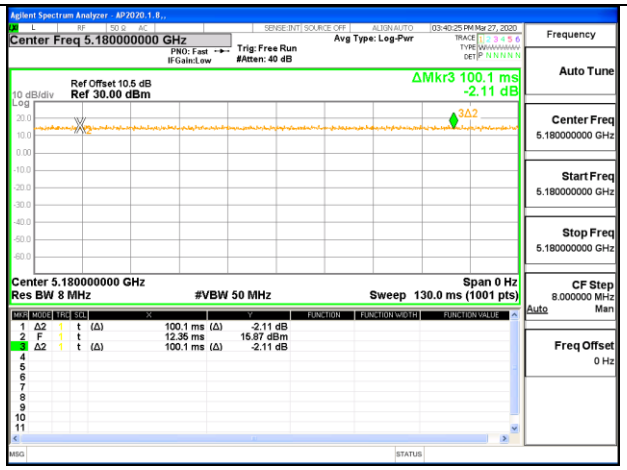
RESULTS

Mode	ON Time (ms)	Period (ms)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (KHz)	Final setting For VBW (kHz)
802.11a 20	100	100	1.00	100%	0	0.01	0.1
802.11n HT20	100	100	1.00	100%	0	0.01	0.1
802.11ac VHT20	100	100	1.00	100%	0	0.01	0.1
802.11n HT40	100	100	1.00	100%	0	0.01	0.1
802.11ac VHT40	100	100	1.00	100%	0	0.01	0.1
802.11ac VHT80	100	100	1.00	100%	0	0.01	0.1

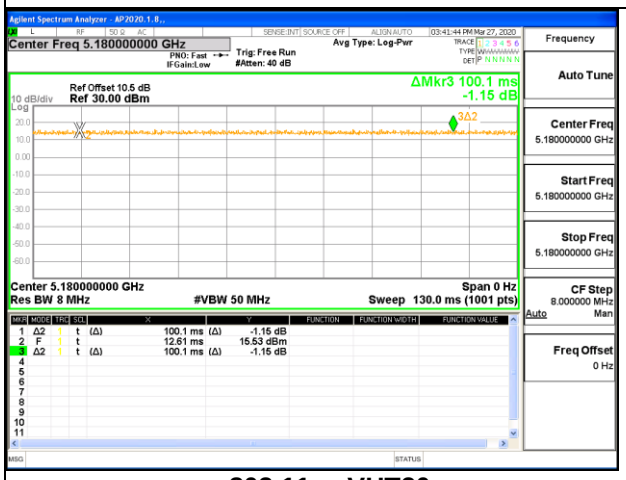
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.



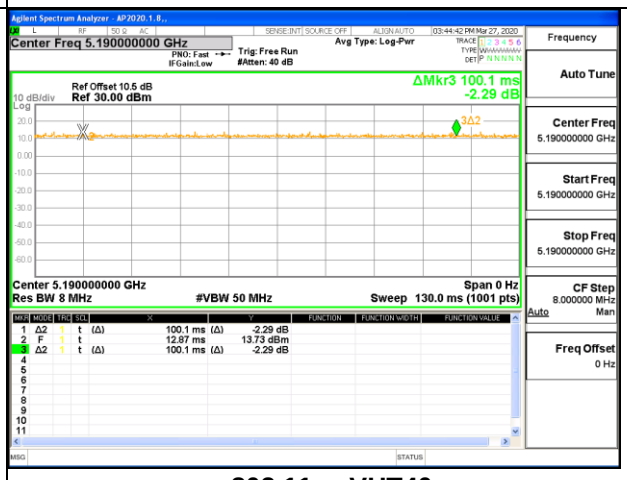
802.11a 20



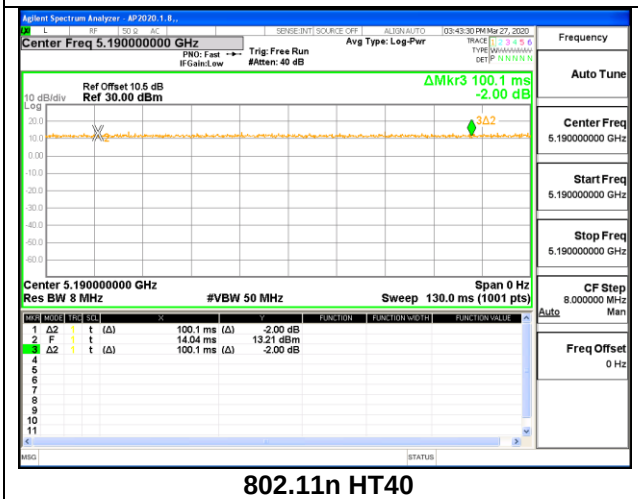
802.11n HT20



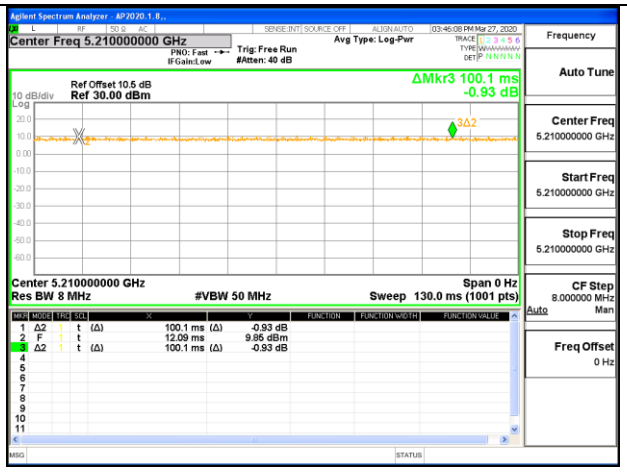
802.11ac VHT20



802.11ac VHT40



802.11n HT40



802.11ac VHT80

7.2. 6/26/99% dB BANDWIDTH

LIMITS

CFR 47 FCC Part15, Subpart E ISED RSS-247		
Test Item	Limit	Frequency Range (MHz)
Bandwidth	26 dB Bandwidth	5150-5250
	26 dB Bandwidth	5250-5350
	26 dB Bandwidth	5470-5725
	Minimum 500kHz 6dB Bandwidth	5725-5850

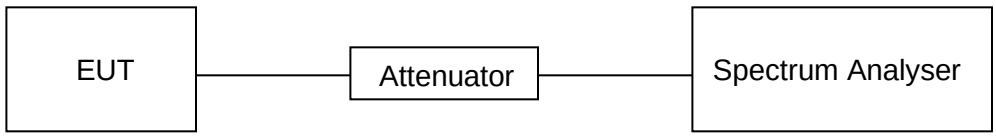
TEST PROCEDURE

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	For 6dB Bandwidth: RBW=100kHz For 26dB Bandwidth: approximately 1%~5% of the emission bandwidth. For 99% Occupied Bandwidth: approximately 1%~5% of the emission bandwidth.
VBW	For 6dB Bandwidth : ≥3×RBW For 26dB Bandwidth : approximately 3×RBW For 99% Occupied Bandwidth: ≥3×RBW
Trace	Max hold
Sweep	Auto couple

Allow the trace to stabilize and measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6dB/26dB&99% Occupied Bandwidth relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	58%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

RESULTS

Please refer to appendix A, B and C.

7.3. MAXIMUM CONDUCTED OUTPUT POWER

LIMITS

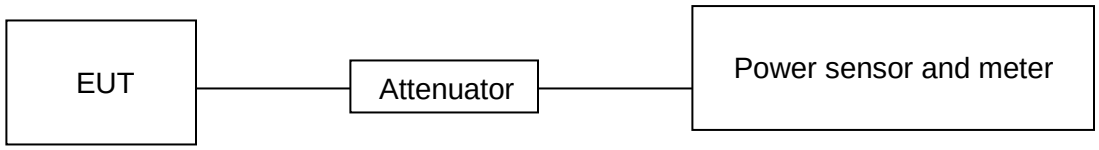
CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1W (30dBm) ☒ Indoor Access Point: 1W (30dBm) ☐ Fixed Point-To-Point Access Points: 1W (30dBm) ☐ Client Devices: 250mW (24dBm)	5150 ~ 5250
	Shall not exceed the lesser of 250 mW (24dBm)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

Note: 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 6dBi. Directional gain (MIMO with beamforming)= 10*log [(10*G3/20 +10*G4/20)^2/2] =8.17.

TEST PROCEDURE

Refer to KDB 789033 D02 General UNII Test Procedures New Rules v02r01
Connect the EUT to the a broadband average RF power meter, the power meter shall have a video bandwidth that is greater than or equal to the bandwidth and shall utilize a fast-responding diode detector.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	58%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

RESULTS

7.3.1. UNII-1 BAND

Mode	Frequency (MHz)	Chain	CONDUCTED POWER (dBm)		FCC Limit (dBm)	EIRP (dBm)	ISED EIRP Limit (dBm)
			Single	Total			
802.11a	5180	1	8.71	12.05	27.83	20.22	22.17
		2	9.34				
	5200	1	9.45	12.55	27.83	20.72	22.17
		2	9.62				
	5240	1	9.40	12.58	27.83	20.75	22.17
		2	9.74				
802.11n HT20	5180	1	9.05	12.16	27.83	20.33	22.43
		2	9.24				
	5200	1	9.12	12.28	27.83	20.45	22.43
		2	9.41				
	5240	1	9.47	12.54	27.83	20.71	22.43
		2	9.58				
802.11ac VHT20	5180	1	9.01	12.11	27.83	20.28	22.43
		2	9.18				
	5200	1	9.07	12.15	27.83	20.32	22.43
		2	9.21				
	5240	1	9.24	12.41	27.83	20.58	22.43
		2	9.55				
802.11n HT40	5190	1	11.45	14.12	27.83	22.29	23.00
		2	10.74				
	5230	1	11.44	14.37	27.83	22.54	23.00
		2	11.27				
802.11ac VHT40	5190	1	10.81	13.50	27.83	21.67	23.00
		2	10.14				
	5230	1	11.13	14.10	27.83	22.27	23.00
		2	11.04				
802.11ac VHT80	5210	1	11.55	14.21	27.83	22.38	23.00
		2	10.81				

Note: 1.Conducted Power=Meas. Level+ Correction Factor
2.EIRP=conducted Power + Antenna Gain
3. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1

7.3.2. UNII-2A BAND

Mode	Frequency (MHz)	Chain	CONDUCTED POWER (dBm)		FCC Limit (dBm)	ISED Limit (dBm)
			Single	Total		
802.11a	5260	1	14.55	17.63	27.83	22.17
		2	14.69			
	5280	1	14.31	17.51	27.83	22.17
		2	14.69			
	5320	1	14.23	17.41	27.83	22.17
		2	14.56			
802.11n HT20	5260	1	15.67	18.63	27.83	22.43
		2	15.57			
	5280	1	15.51	18.50	27.83	22.43
		2	15.46			
	5320	1	17.01	19.92	27.83	22.43
		2	16.81			
802.11ac VHT20	5260	1	14.91	18.18	27.83	22.43
		2	15.42			
	5280	1	15.02	18.25	27.83	22.43
		2	15.45			
	5320	1	16.47	19.64	27.83	22.43
		2	16.78			
802.11n HT40	5270	1	16.36	19.60	27.83	23.00
		2	16.80			
	5310	1	16.37	19.61	27.83	23.00
		2	16.81			
802.11ac VHT40	5270	1	16.04	19.20	27.83	23.00
		2	16.33			
	5310	1	16.28	19.54	27.83	23.00
		2	16.76			
802.11ac VHT80	5290	1	18.85	21.78	27.83	23.00
		2	18.69			

7.3.3. UNII-2C BAND

Mode	Frequency (MHz)	Chain	CONDUCTED POWER (dBm)		FCC Limit (dBm)	ISED Limit (dBm)
			Single	Total		
802.11a	5500	1	14.50	17.47	21.83	22.17
		2	14.42			
	5580	1	13.55	16.79	21.83	22.17
		2	14.00			
	5700	1	12.58	17.51	21.83	22.17
		2	15.82			
802.11n HT20	5500	1	17.02	20.02	21.83	22.43
		2	16.99			
	5580	1	15.17	18.39	21.83	22.43
		2	15.58			
	5700	1	16.07	19.20	21.83	22.43
		2	16.30			
802.11ac VHT20	5500	1	16.02	19.41	21.83	22.43
		2	16.75			
	5580	1	14.70	17.85	21.83	22.43
		2	14.97			
	5700	1	15.63	18.93	21.83	22.43
		2	16.20			
802.11n HT40	5510	1	16.82	20.06	21.83	23.00
		2	17.26			
	5550	1	14.39	17.44	21.83	23.00
		2	14.46			
	5670	1	16.92	19.83	21.83	23.00
		2	16.71			
802.11ac VHT40	5510	1	16.88	19.69	21.83	23.00
		2	16.48			
	5550	1	14.43	17.45	21.83	23.00
		2	14.44			
	5670	1	16.59	19.57	21.83	23.00
		2	16.53			
802.11ac VHT80	5530	1	18.88	21.63	21.83	23.00
		2	18.34			
	5610	1	18.26	21.30	21.83	23.00
		2	18.32			

7.3.4. UNII-3 BAND

Mode	Frequency (MHz)	Chain	CONDUCTED POWER (dBm)		FCC Limit (dBm)	ISED Limit (dBm)
			Single	Total		
802.11a	5745	1	11.04	14.29	27.83	27.83
		2	11.50			
	5785	1	13.23	16.62	27.83	27.83
		2	13.95			
	5825	1	12.81	16.13	27.83	27.83
		2	13.41			
802.11n HT20	5745	1	12.45	15.96	27.83	27.83
		2	13.40			
	5785	1	15.31	18.05	27.83	27.83
		2	14.76			
	5825	1	15.69	19.18	27.83	27.83
		2	16.61			
802.11ac VHT20	5745	1	12.68	15.91	27.83	27.83
		2	13.10			
	5785	1	14.89	18.05	27.83	27.83
		2	15.18			
	5825	1	15.38	19.16	27.83	27.83
		2	16.80			
802.11n HT40	5755	1	18.43	21.43	27.83	27.83
		2	18.40			
	5795	1	17.04	20.66	27.83	27.83
		2	18.19			
802.11ac VHT40	5755	1	17.91	20.79	27.83	27.83
		2	17.65			
	5795	1	17.02	20.35	27.83	27.83
		2	17.63			
802.11ac VHT80	5775	1	18.58	21.77	27.83	27.83
		2	18.94			

Note: 1.Conducted Power=Meas. Level+ Correction Factor
2. The test results have already included the duty cycle correction factor. About correction Factor please refer to section 7.1

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	For FCC: Other than Mobile and portable:17dBm/MHz Mobile and portable:11dBm/MHz	5150-5250
	For RSS: e.i.r.p. 10dBm/MHz	
	11dBm/MHz	5250-5350
	11dBm/MHz	5470-5725
	30dBm/500kHz	5725-5850
Note: 1. 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 6dBi. Directional gain (MIMO with beamforming)= 10*log [(10*G3/20 +10*G4/20)^2/2] =8.17.		

TEST PROCEDURE

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

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

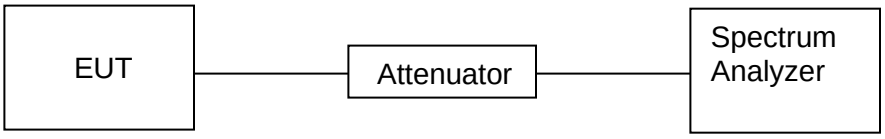
Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	1MHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

For U-NII-3:

Center Frequency	The center frequency of the channel under test
Detector	RMS
RBW	500kHz
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 marker function to determine the maximum amplitude level within the RBW.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.7°C	Relative Humidity	58%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

RESULTS

Please refer to appendix D.

8. RADIATED TEST RESULTS

LIMITS

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

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

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

Note: 1) At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

(2) At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). This paragraph (f) shall not apply to Access BPL devices operating below 30 MHz.

Radiation Disturbance Test Limit for FCC (Above 1G)

Frequency (MHz)	dB(uV/m) (at 3 meters)	
	Peak	Average
Above 1000	74	54

FCC Restricted bands of operation:

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

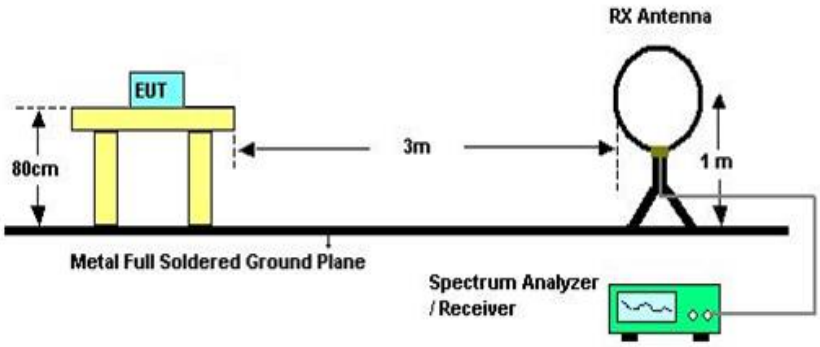
Note: [1]Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz.
[2]Above 38.6c

Limits of unwanted emission out of the restricted bands

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

TEST SETUP AND PROCEDURE

Below 30MHz



The setting of the spectrum analyser

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

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

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

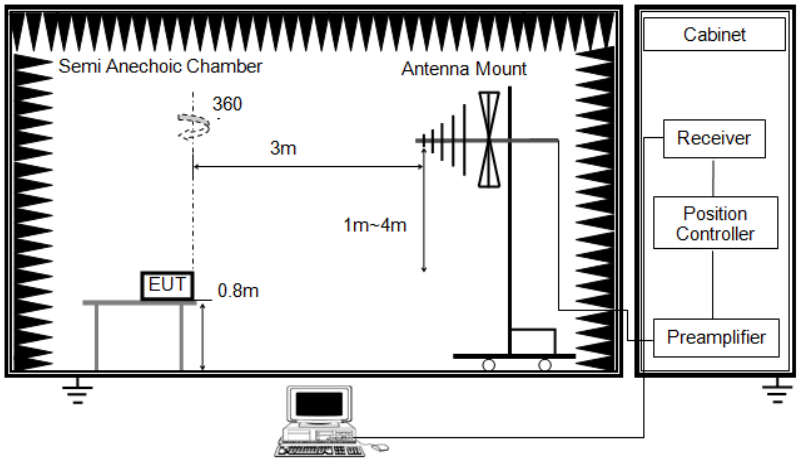
3. The EUT was placed on a turntable with 0.8 meter above ground.

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

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

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

Below 1G



The setting of the spectrum analyser

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

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

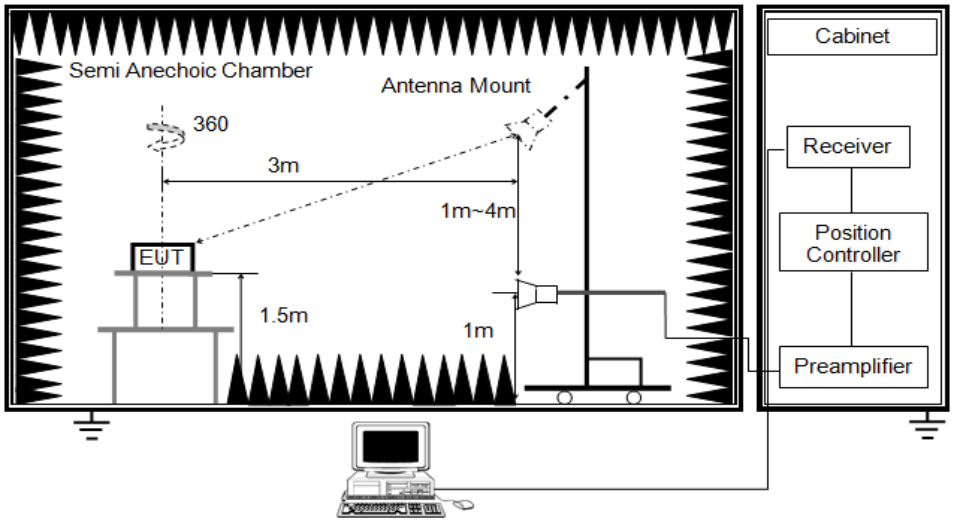
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level. Both horizontal and vertical polarizations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

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

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

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

Above 1G



The setting of the spectrum analyser

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

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

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

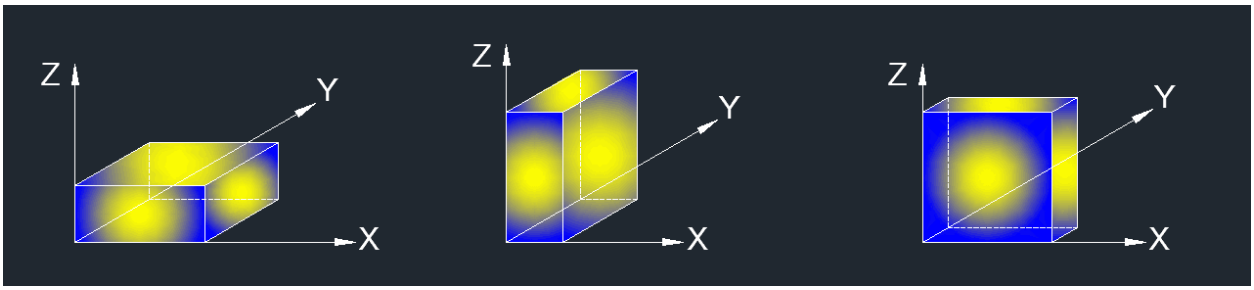
3. The EUT was placed on a turntable with 1.5m above ground.

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

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

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

X axis, Y axis, Z axis positions:



Note 1: 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

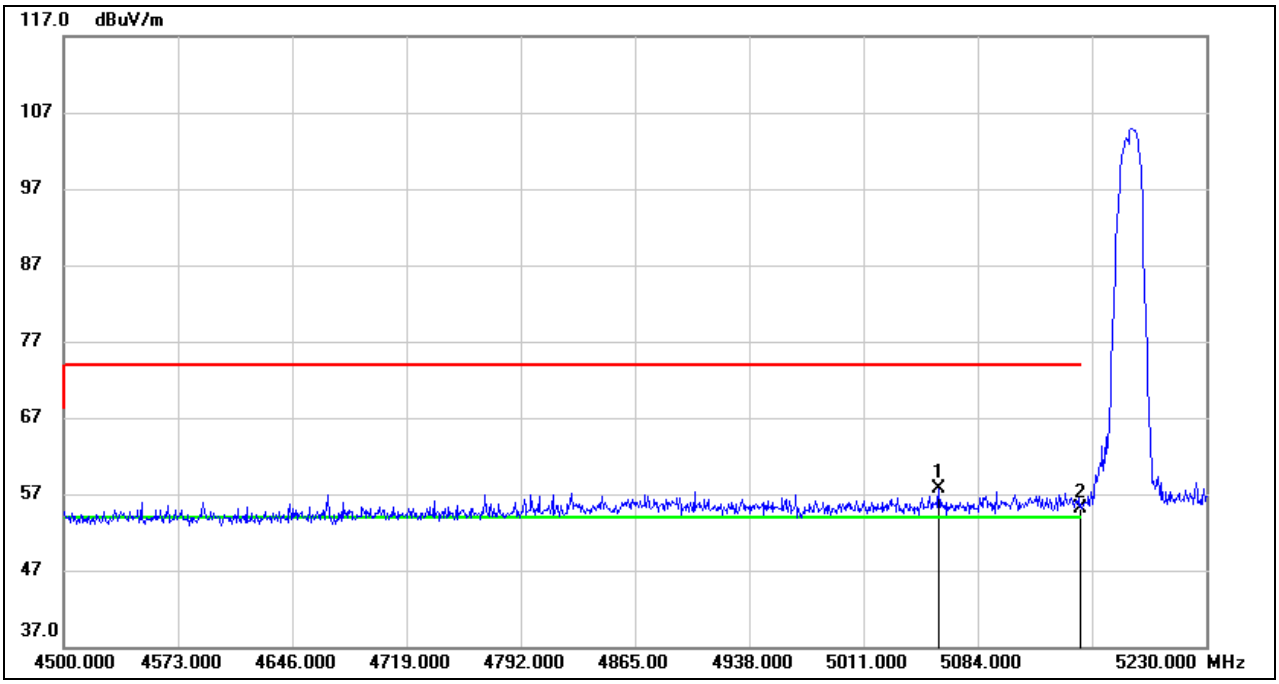
Temperature	23.4°C	Relative Humidity	54%
Atmosphere Pressure	101kPa	Test Voltage	DC 12V

8.1. 802.11a 20 MIMO MODE

8.1.1. UNII-1 BAND

RESTRICTED BANDEDGE LOW CHANNEL

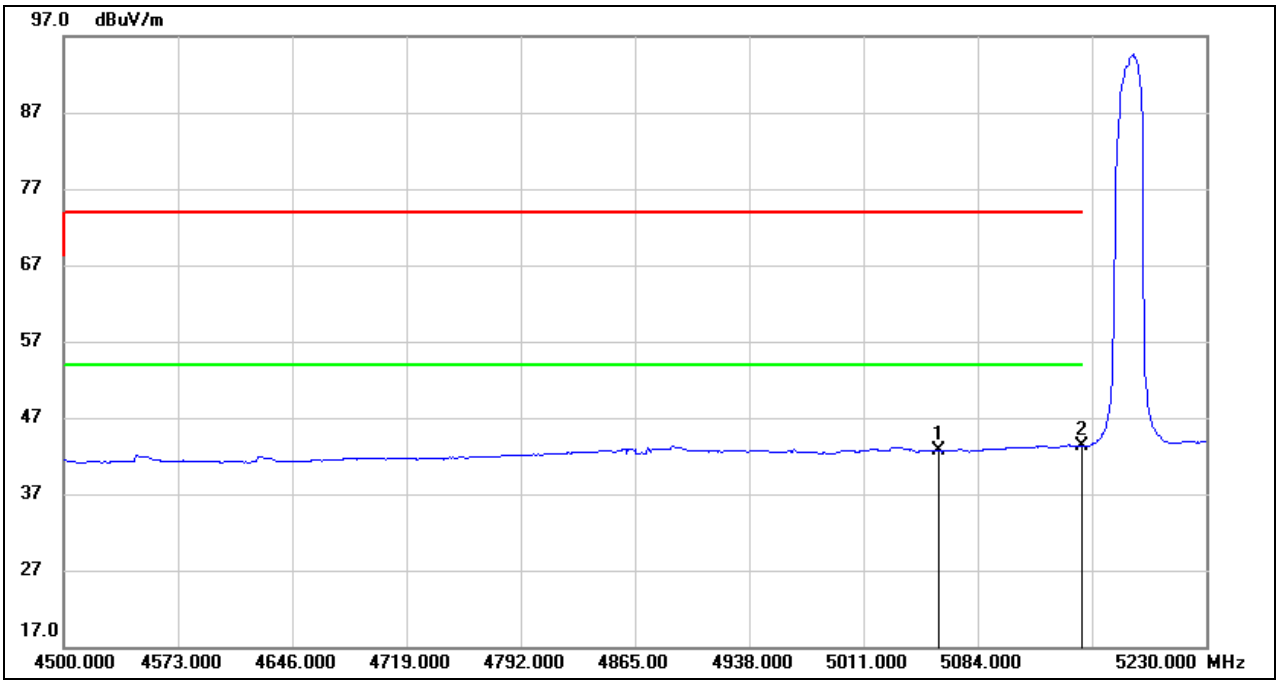
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5059.180	17.55	40.13	57.68	74.00	-16.32	peak
2	5150.000	14.64	40.46	55.10	74.00	-18.90	peak

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

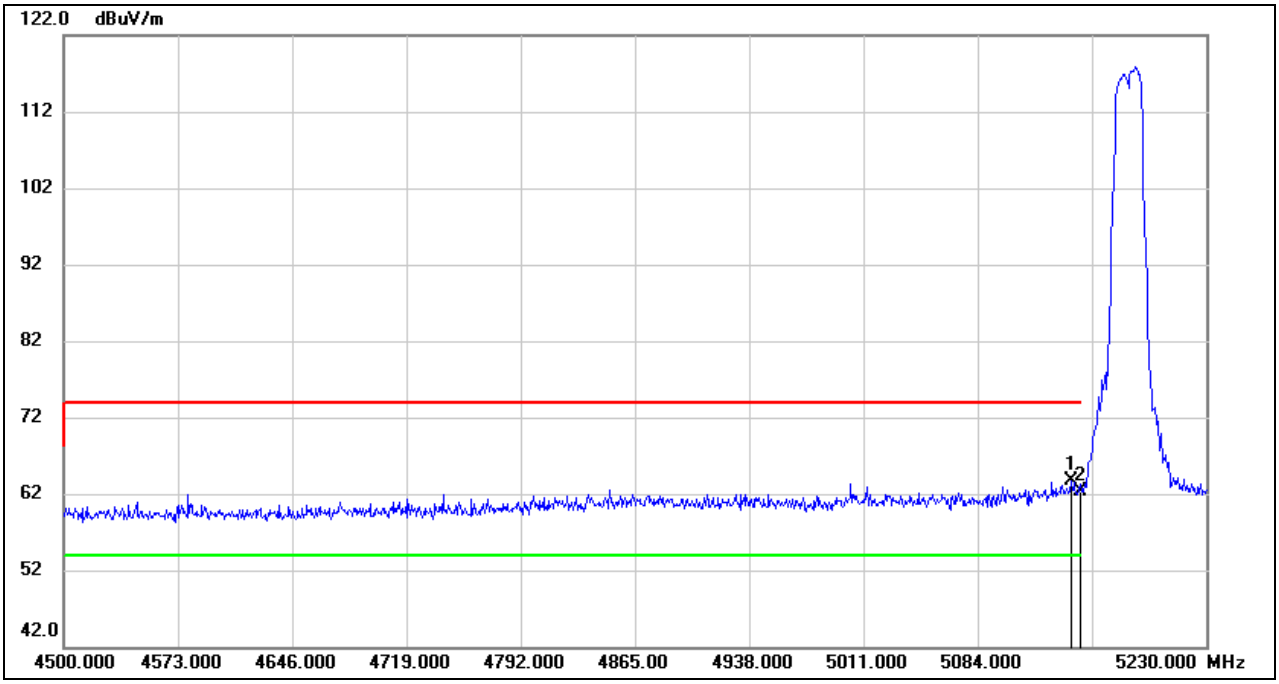
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5059.180	2.51	40.13	42.64	54.00	-11.36	AVG
2	5150.000	2.80	40.46	43.26	54.00	-10.74	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

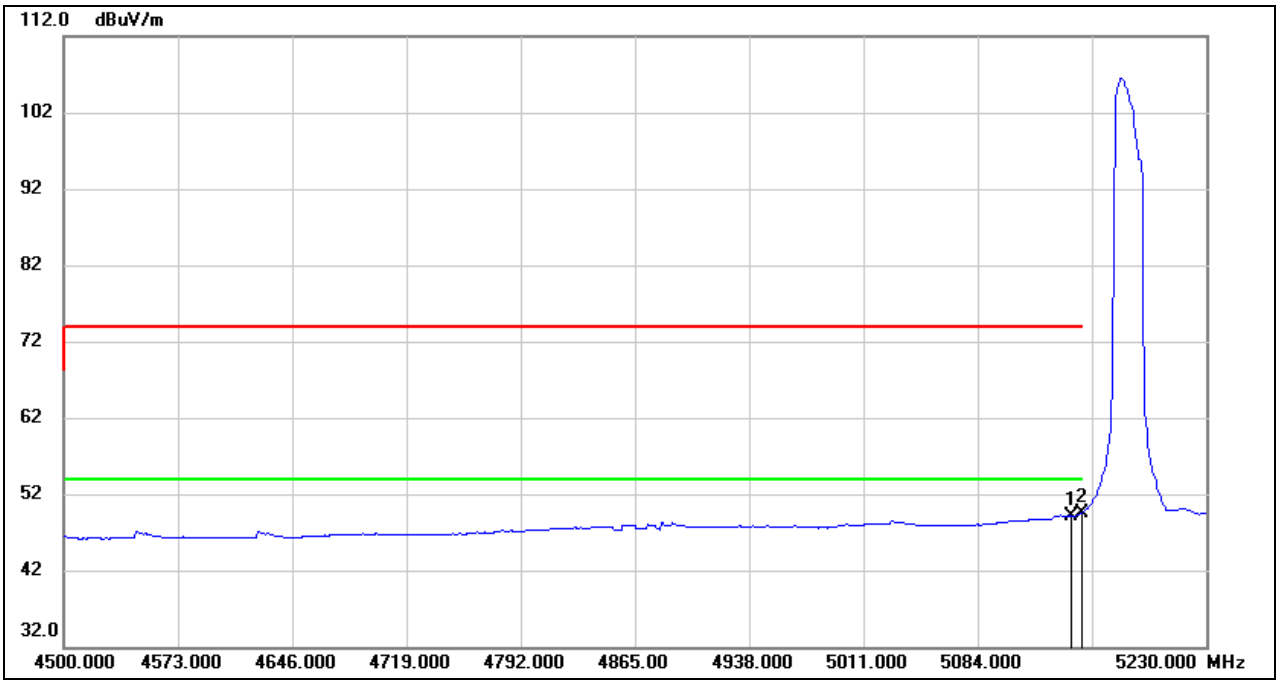
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.860	23.25	40.43	63.68	74.00	-10.32	peak
2	5150.000	21.77	40.46	62.23	74.00	-11.77	peak

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

AVG

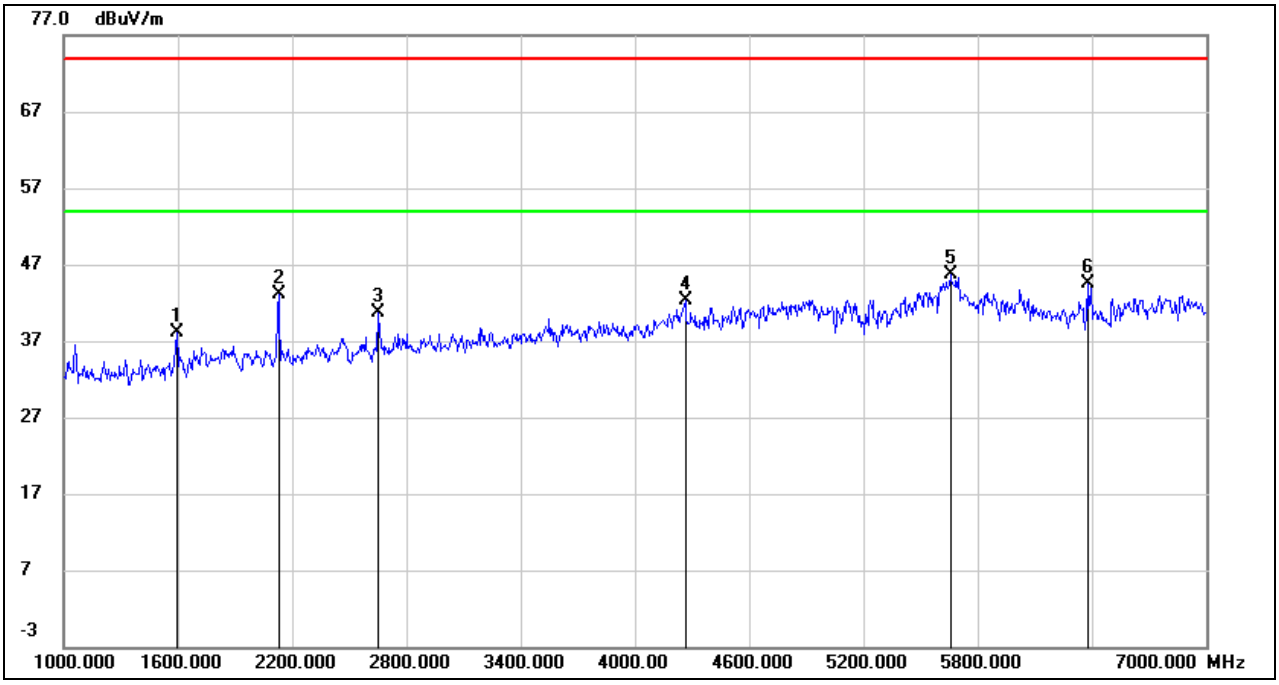


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.860	8.72	40.43	49.15	54.00	-4.85	AVG
2	5150.000	9.06	40.46	49.52	54.00	-4.48	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

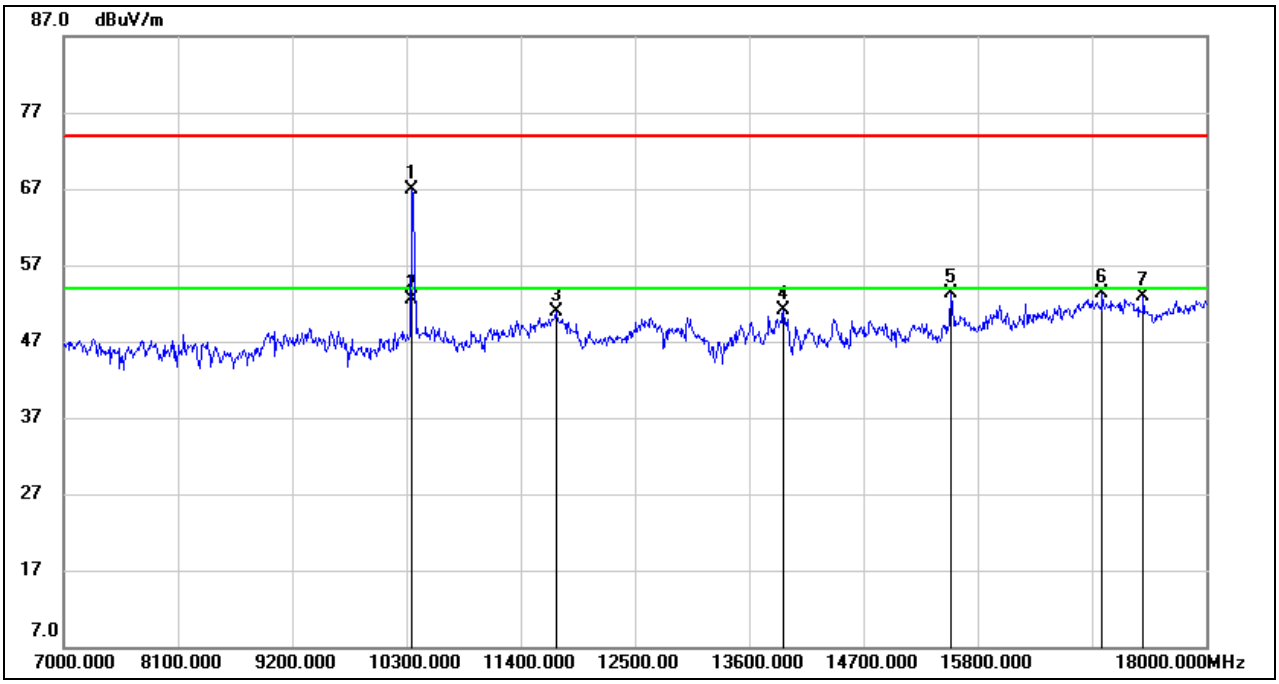
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	49.79	-11.66	38.13	74.00	-35.87	peak
2	2128.000	52.62	-9.56	43.06	74.00	-30.94	peak
3	2650.000	48.49	-7.87	40.62	74.00	-33.38	peak
4	4264.000	44.12	-1.84	42.28	74.00	-31.72	peak
5	5656.000	43.65	2.00	45.65	74.00	-28.35	peak
6	6376.000	41.14	3.34	44.48	74.00	-29.52	peak

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

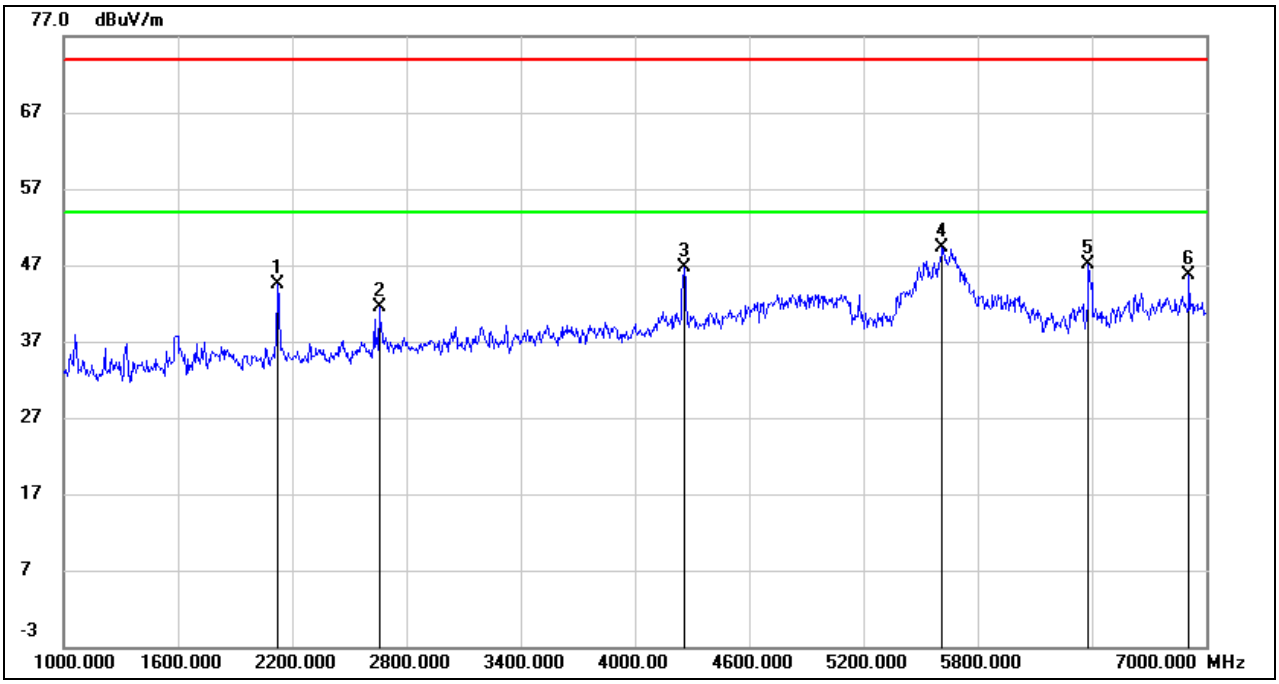
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.045	55.87	10.97	66.84	74.00	-7.16	peak
2	10360.045	41.58	10.97	52.55	54.00	-1.45	AVG
3	11741.000	36.55	14.29	50.84	74.00	-23.16	peak
4	13930.000	34.77	16.24	51.01	74.00	-22.99	peak
5	15536.000	36.90	16.49	53.39	74.00	-20.61	peak
6	16999.000	32.92	20.47	53.39	74.00	-20.61	peak
7	17395.000	31.79	21.18	52.97	74.00	-21.03	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

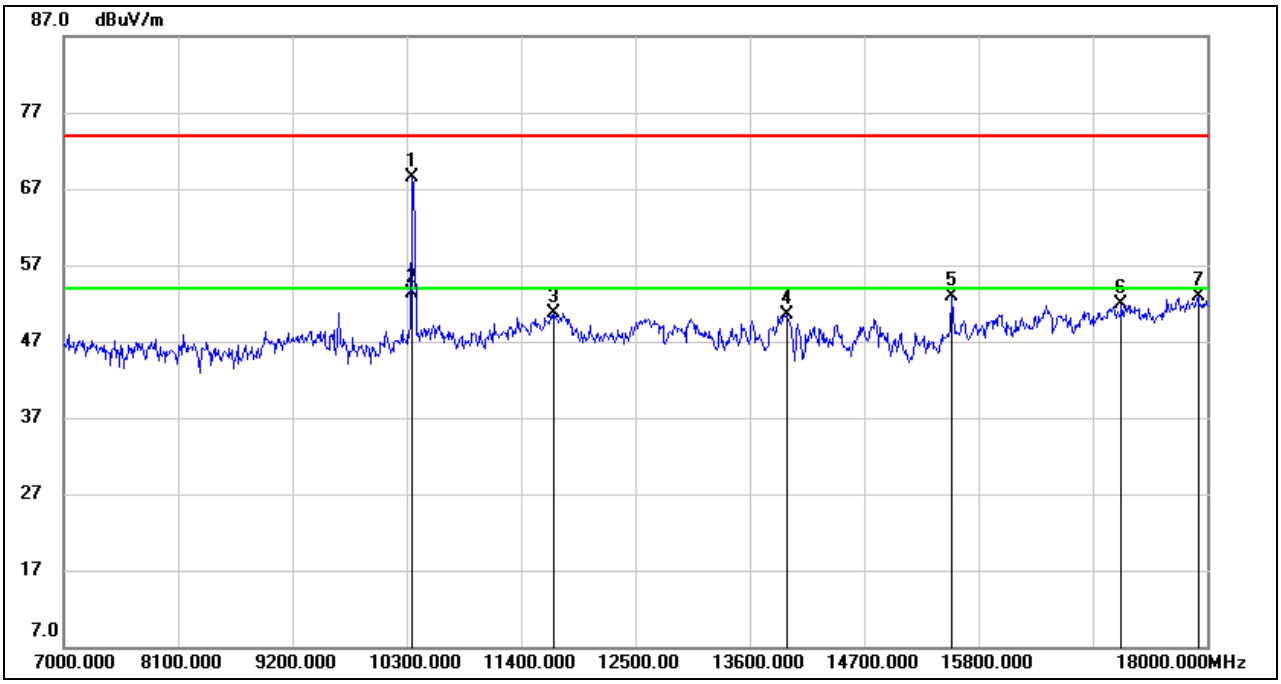
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2122.000	54.20	-9.60	44.60	74.00	-29.40	peak
2	2656.000	49.43	-7.83	41.60	74.00	-32.40	peak
3	4258.000	48.64	-1.84	46.80	74.00	-27.20	peak
4	5614.000	47.22	2.02	49.24	74.00	-24.76	peak
5	6382.000	43.78	3.37	47.15	74.00	-26.85	peak
6	6910.000	40.98	4.69	45.67	74.00	-28.33	peak

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

7-18GHz

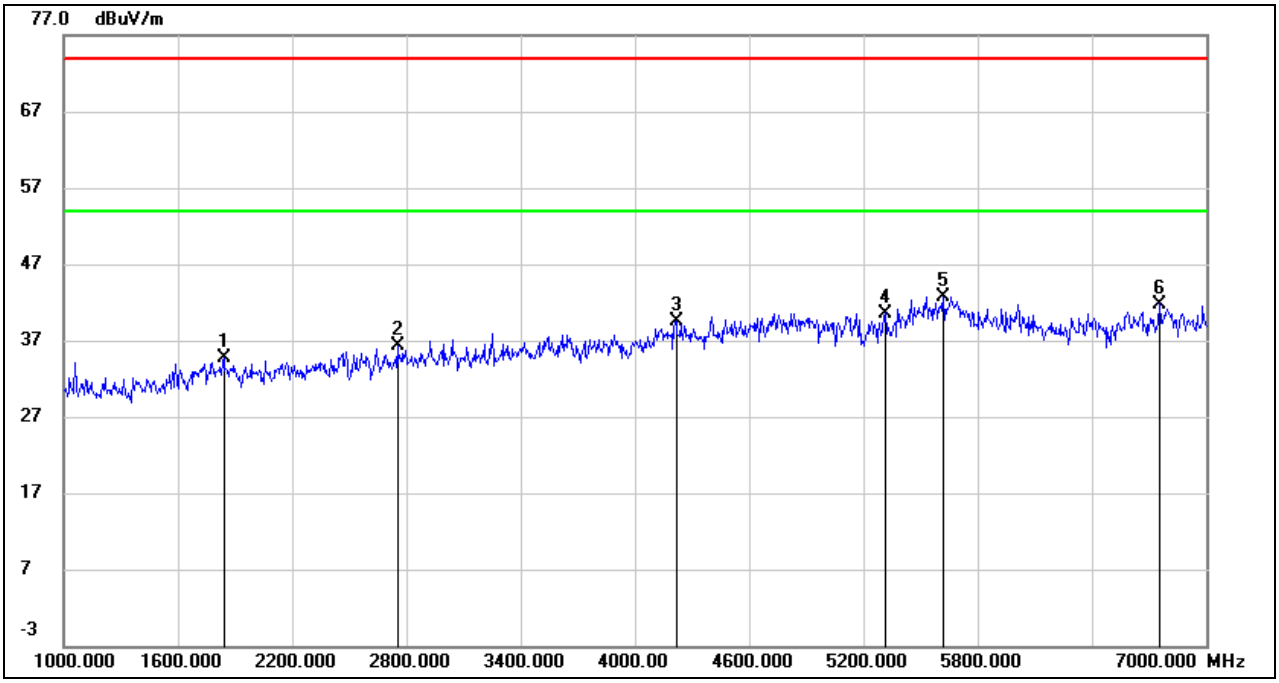


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	57.61	10.97	68.58	74.00	-5.42	peak
2	10360.000	42.34	10.97	53.31	54.00	-0.69	AVG
3	11719.000	36.60	14.20	50.80	74.00	-23.20	peak
4	13963.000	34.31	16.17	50.48	74.00	-23.52	peak
5	15536.000	36.33	16.49	52.82	74.00	-21.18	peak
6	17175.000	30.42	21.53	51.95	74.00	-22.05	peak
7	17912.000	29.31	23.61	52.92	74.00	-21.08	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

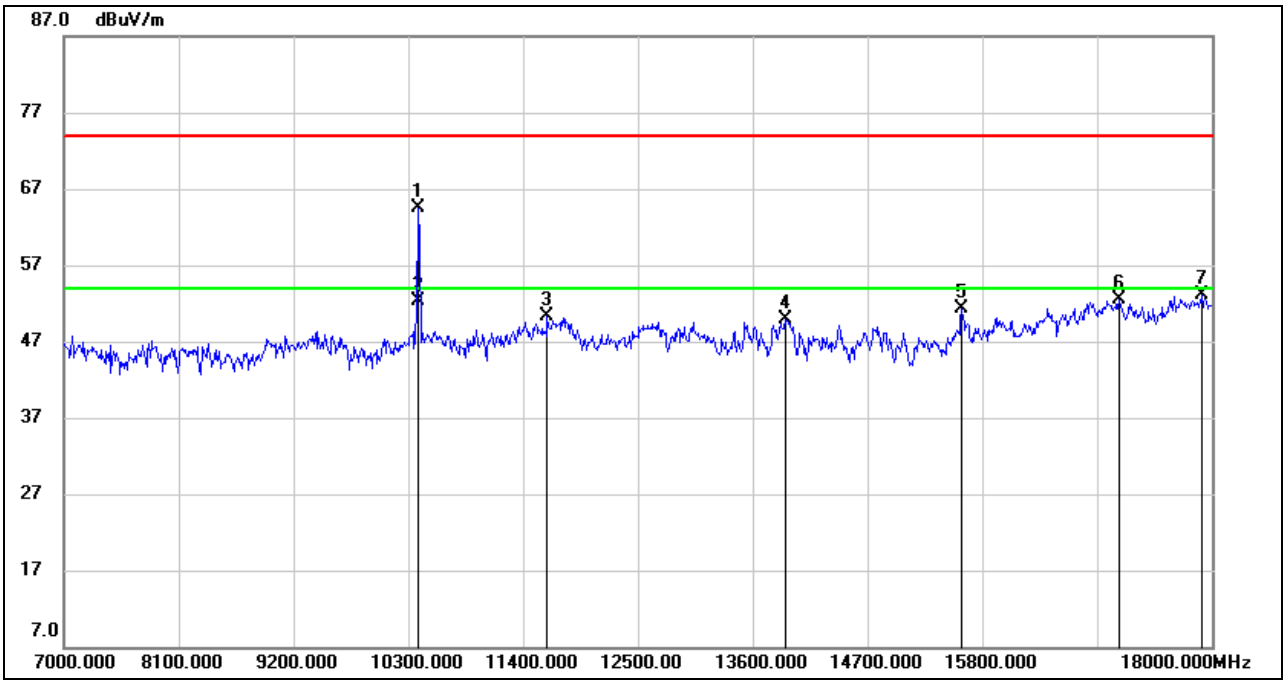
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1840.000	44.78	-10.13	34.65	74.00	-39.35	peak
2	2752.000	43.51	-7.24	36.27	74.00	-37.73	peak
3	4216.000	41.29	-1.80	39.49	74.00	-34.51	peak
4	5314.000	38.87	1.73	40.60	74.00	-33.40	peak
5	5620.000	40.72	2.01	42.73	74.00	-31.27	peak
6	6754.000	37.35	4.45	41.80	74.00	-32.20	peak

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

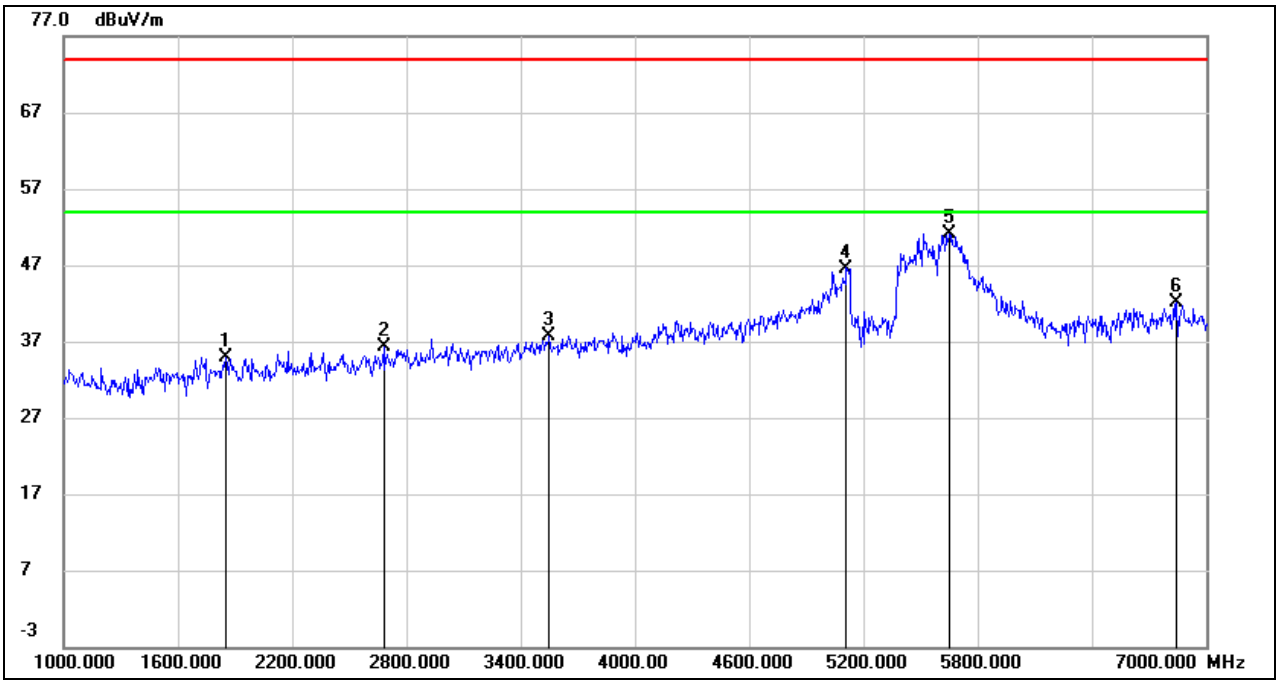
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.099	53.41	11.11	64.52	74.00	-9.48	peak
2	10400.099	41.17	11.11	52.28	54.00	-1.72	AVG
3	11631.000	36.55	13.84	50.39	74.00	-23.61	peak
4	13908.000	33.60	16.26	49.86	74.00	-24.14	peak
5	15602.000	34.53	16.74	51.27	74.00	-22.73	peak
6	17109.000	31.34	21.13	52.47	74.00	-21.53	peak
7	17901.000	29.47	23.59	53.06	74.00	-20.94	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

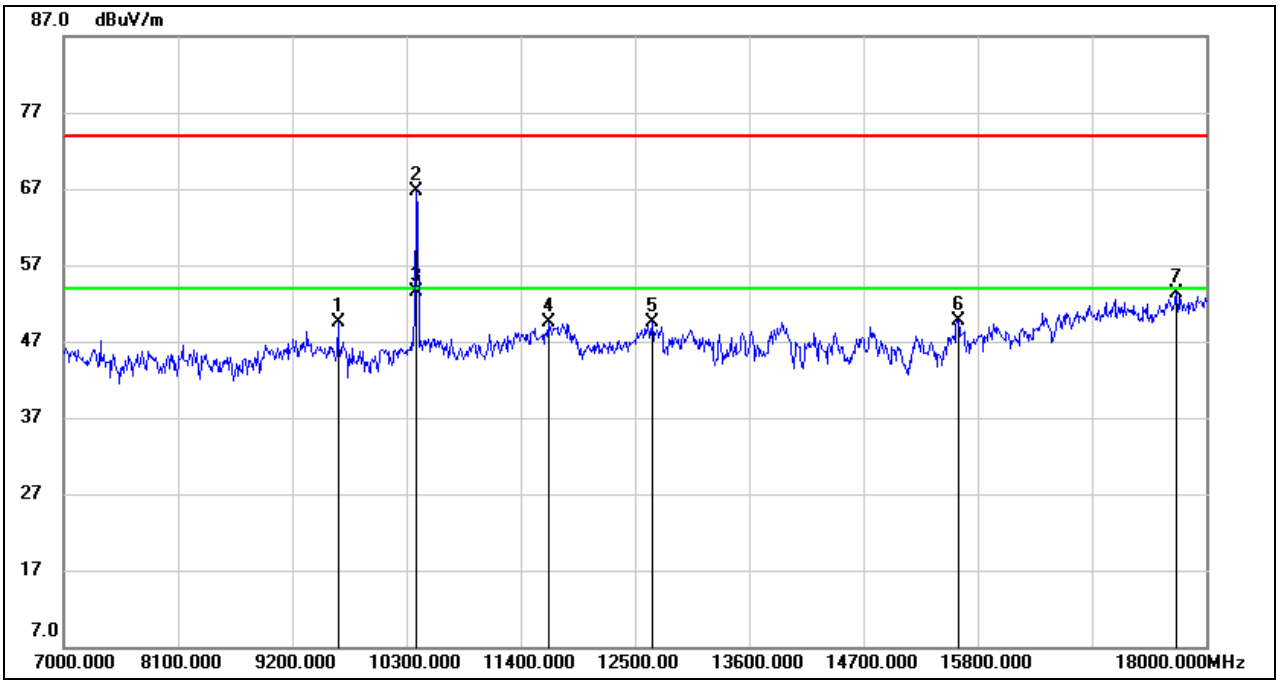
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1852.000	45.05	-10.13	34.92	74.00	-39.08	peak
2	2680.000	44.06	-7.68	36.38	74.00	-37.62	peak
3	3550.000	42.52	-4.74	37.78	74.00	-36.22	peak
4	5110.000	45.17	1.43	46.60	74.00	-27.40	peak
5	5650.000	49.15	2.01	51.16	74.00	-22.84	peak
6	6844.000	37.52	4.55	42.07	74.00	-31.93	peak

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

7-18GHz

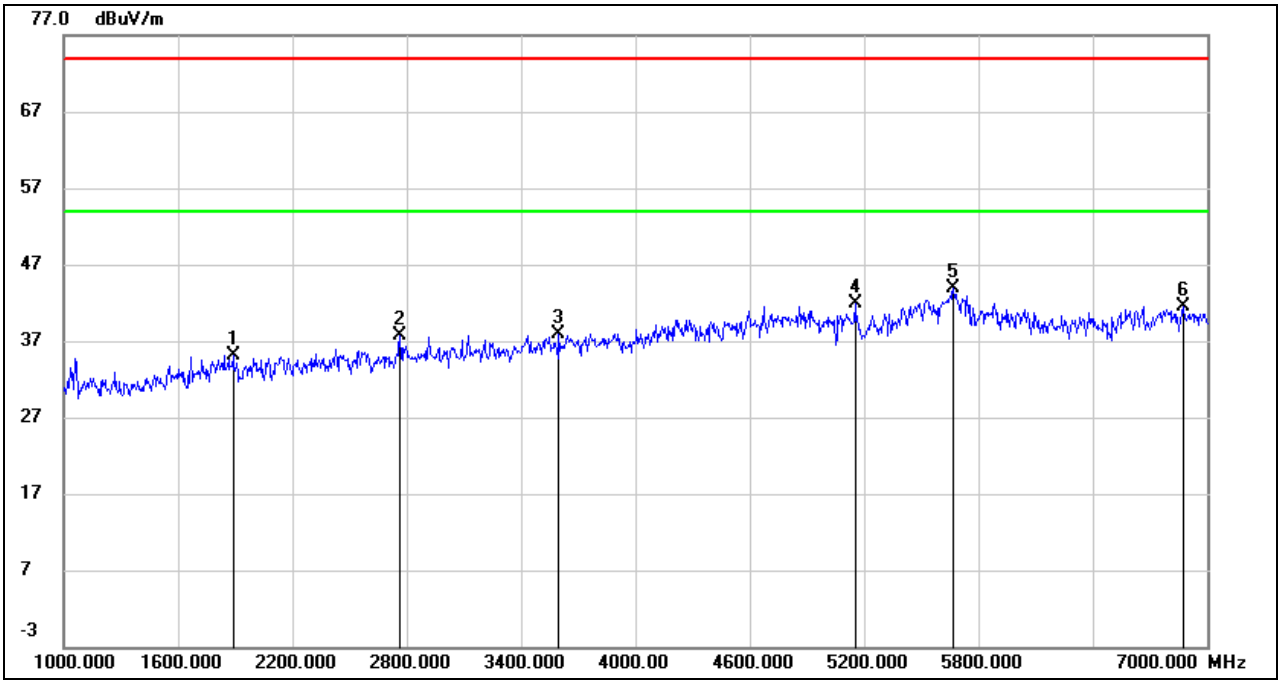


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9640.000	39.03	10.39	49.42	74.00	-24.58	peak
2	10400.000	55.66	11.11	66.77	74.00	-7.23	peak
3	10400.000	42.39	11.11	53.50	54.00	-0.50	AVG
4	11664.000	35.54	13.98	49.52	74.00	-24.48	peak
5	12665.000	34.19	15.22	49.41	74.00	-24.59	peak
6	15613.000	32.93	16.76	49.69	74.00	-24.31	peak
7	17714.000	30.51	22.85	53.36	74.00	-20.64	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

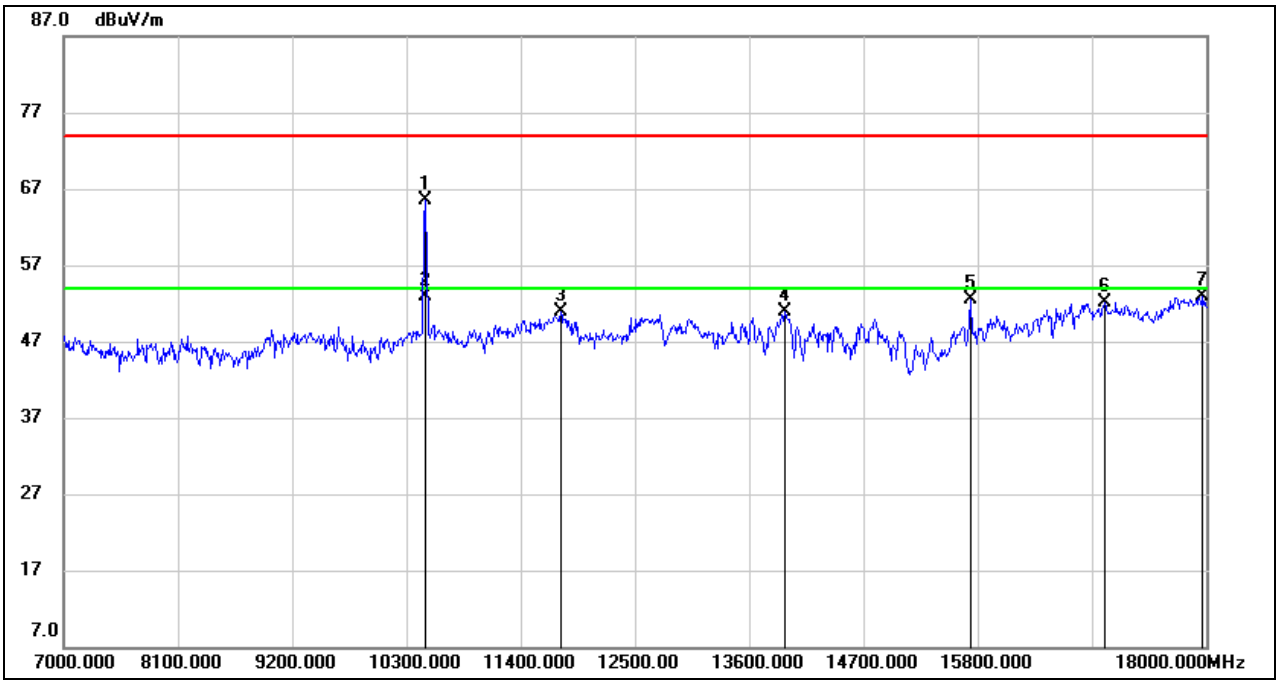
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1888.000	45.31	-10.17	35.14	74.00	-38.86	peak
2	2764.000	44.85	-7.17	37.68	74.00	-36.32	peak
3	3598.000	42.45	-4.47	37.98	74.00	-36.02	peak
4	5152.000	40.15	1.66	41.81	74.00	-32.19	peak
5	5668.000	41.89	1.99	43.88	74.00	-30.12	peak
6	6874.000	36.90	4.61	41.51	74.00	-32.49	peak

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

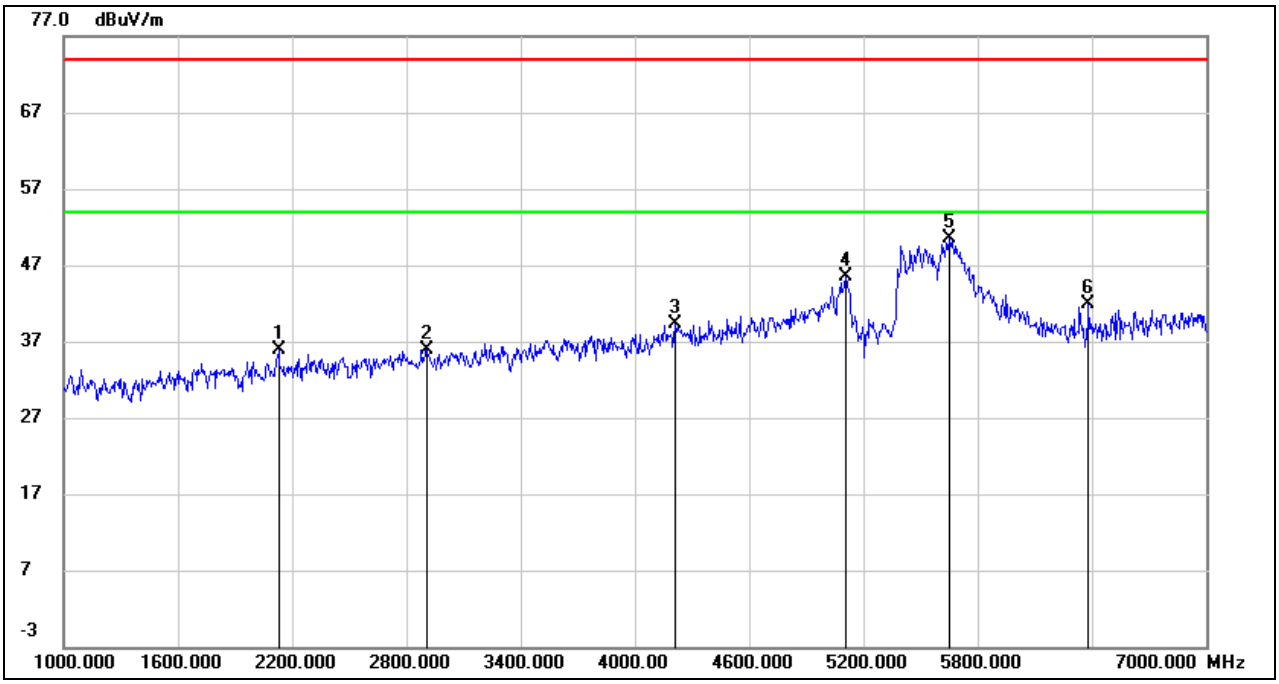
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	54.08	11.45	65.53	74.00	-8.47	peak
2	10480.000	41.51	11.45	52.96	54.00	-1.04	AVG
3	11785.000	36.37	14.47	50.84	74.00	-23.16	peak
4	13941.000	34.75	16.21	50.96	74.00	-23.04	peak
5	15734.000	35.57	16.84	52.41	74.00	-21.59	peak
6	17021.000	31.51	20.60	52.11	74.00	-21.89	peak
7	17967.000	29.18	23.65	52.83	74.00	-21.17	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

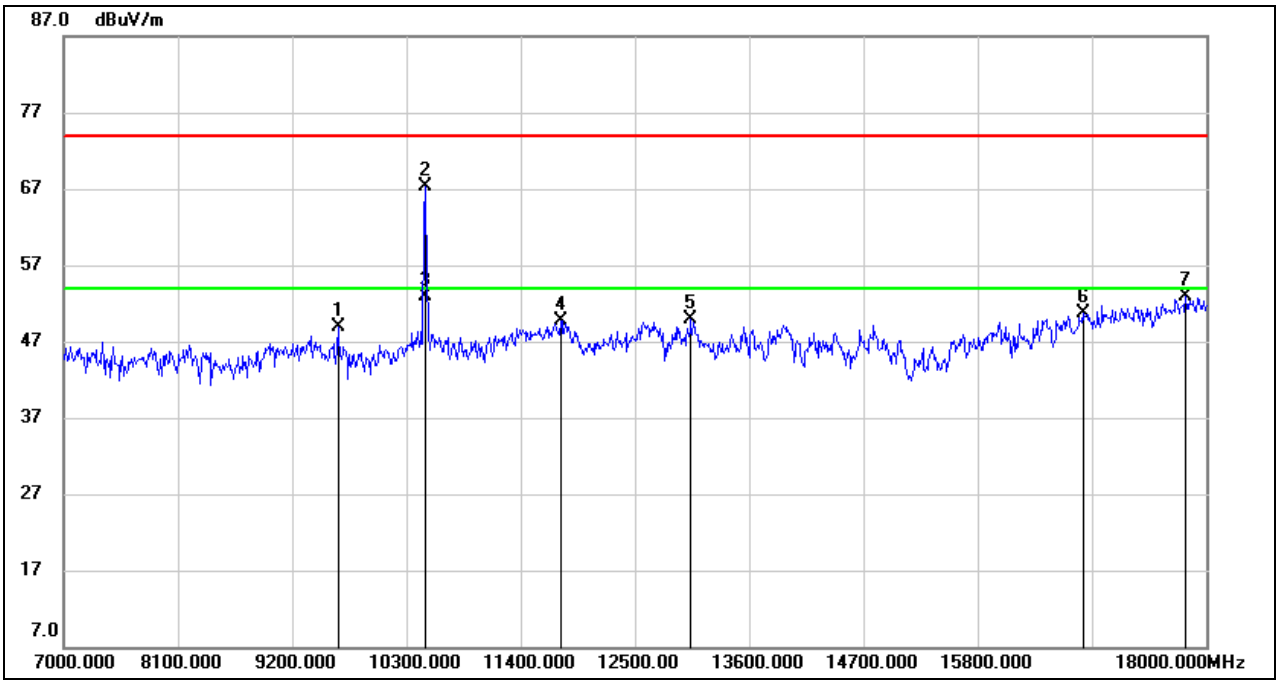
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2128.000	45.45	-9.56	35.89	74.00	-38.11	peak
2	2908.000	42.37	-6.47	35.90	74.00	-38.10	peak
3	4210.000	41.03	-1.79	39.24	74.00	-34.76	peak
4	5104.000	44.00	1.41	45.41	74.00	-28.59	peak
5	5650.000	48.57	2.01	50.58	74.00	-23.42	peak
6	6382.000	38.53	3.37	41.90	74.00	-32.10	peak

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

7-18GHz



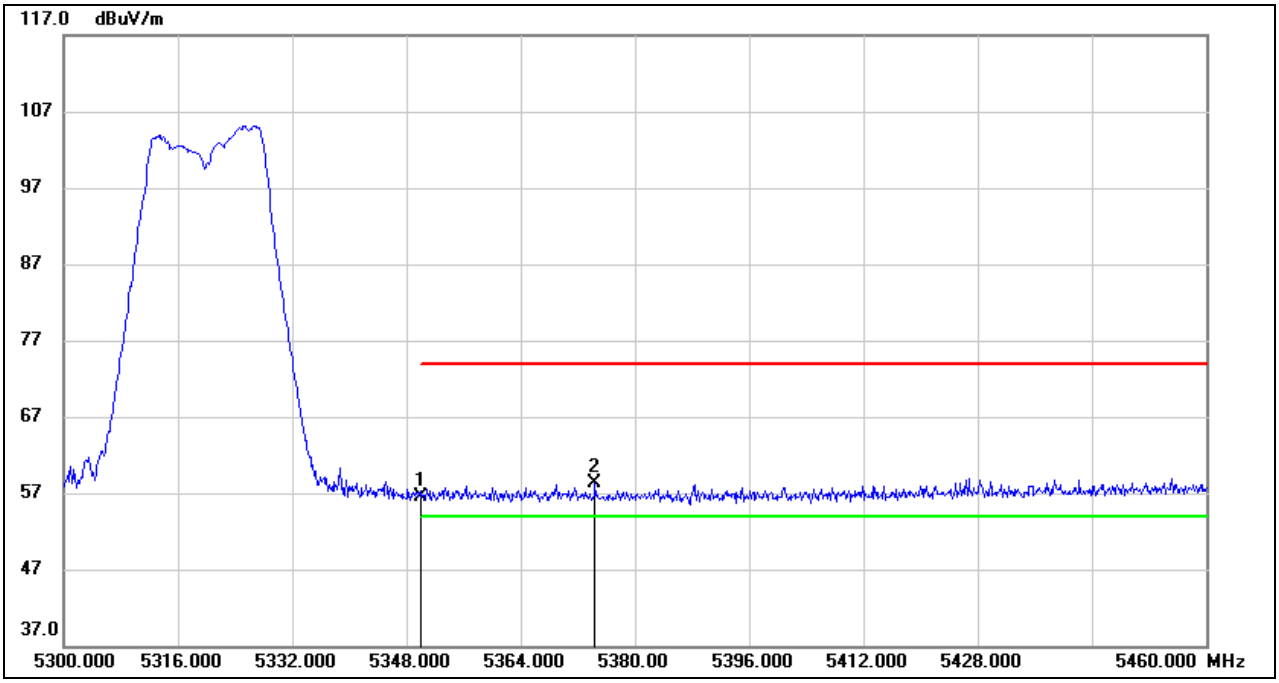
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9640.000	38.52	10.39	48.91	74.00	-25.09	peak
2	10480.000	55.94	11.45	67.39	74.00	-6.61	peak
3	10480.000	41.37	11.45	52.82	54.00	-1.18	AVG
4	11785.000	35.31	14.47	49.78	74.00	-24.22	peak
5	13039.000	34.32	15.56	49.88	74.00	-24.12	peak
6	16812.000	30.49	20.14	50.63	74.00	-23.37	peak
7	17802.000	29.32	23.49	52.81	74.00	-21.19	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.1.2. UNII-2A BAND

RESTRICTED BANDEDGE HIGH CHANNEL

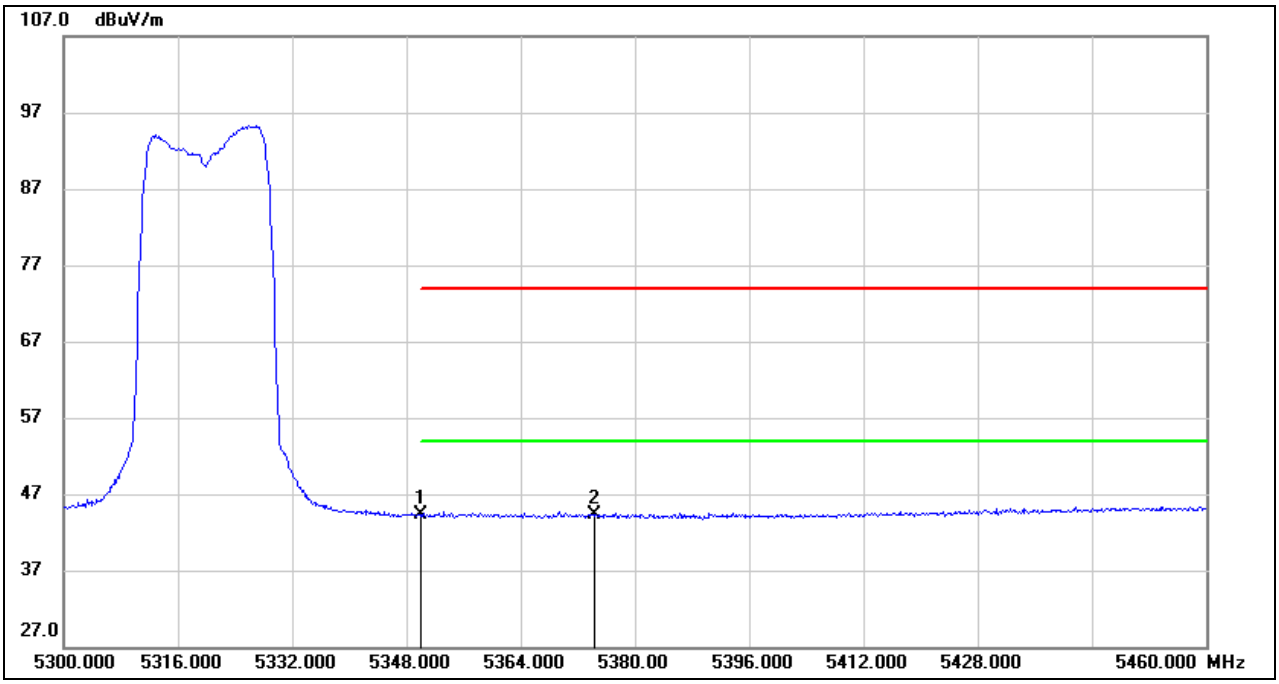
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	15.94	40.64	56.58	74.00	-17.42	peak
2	5374.400	17.65	40.58	58.23	74.00	-15.77	peak

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

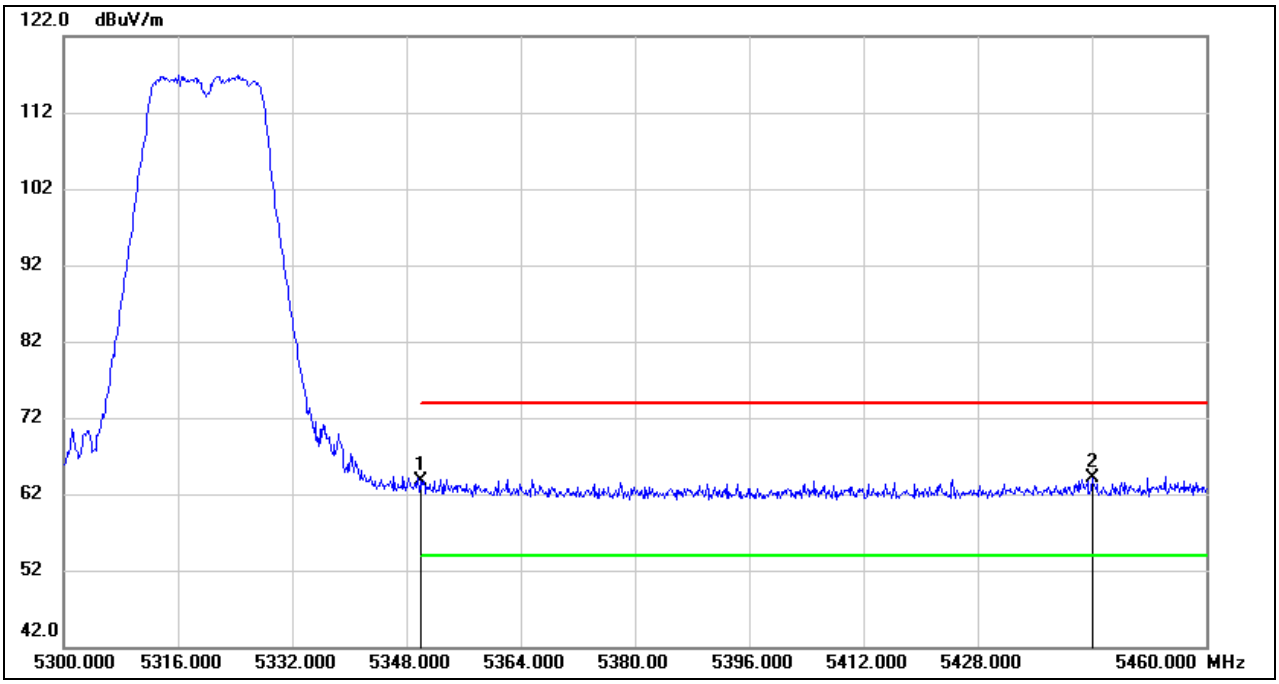
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	3.58	40.64	44.22	54.00	-9.78	AVG
2	5374.400	3.63	40.58	44.21	54.00	-9.79	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

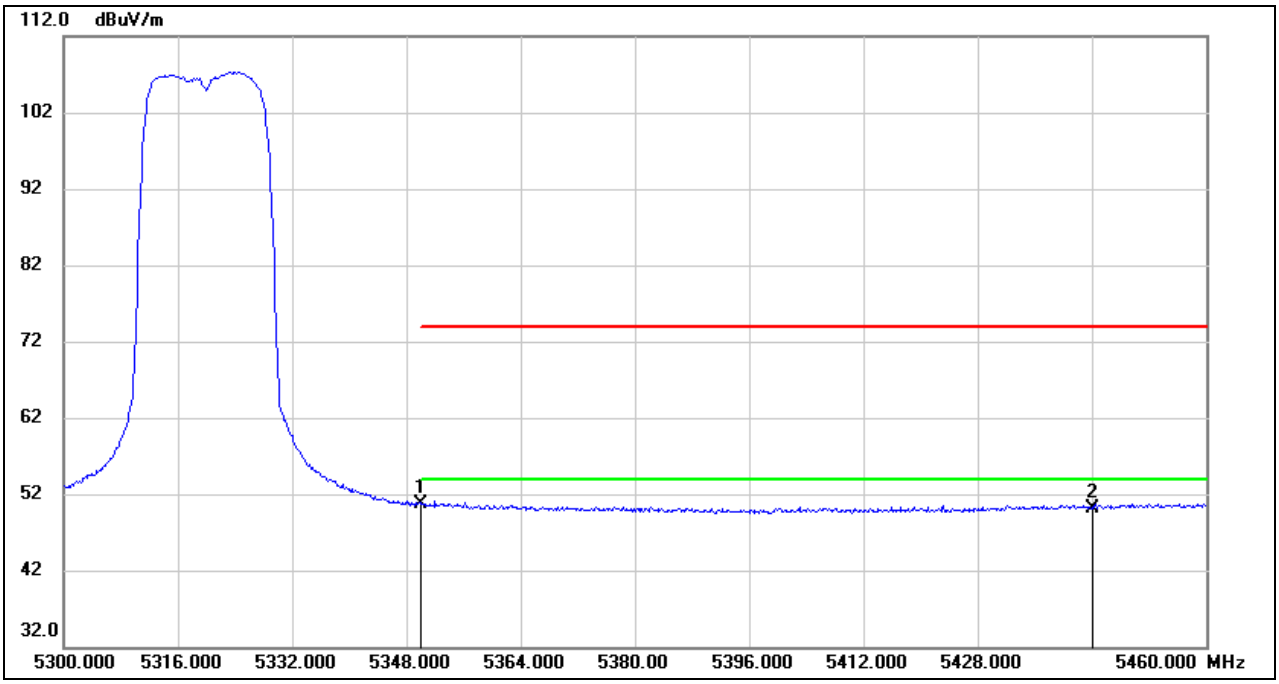
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	23.00	40.64	63.64	74.00	-10.36	peak
2	5444.000	23.02	41.07	64.09	74.00	-9.91	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

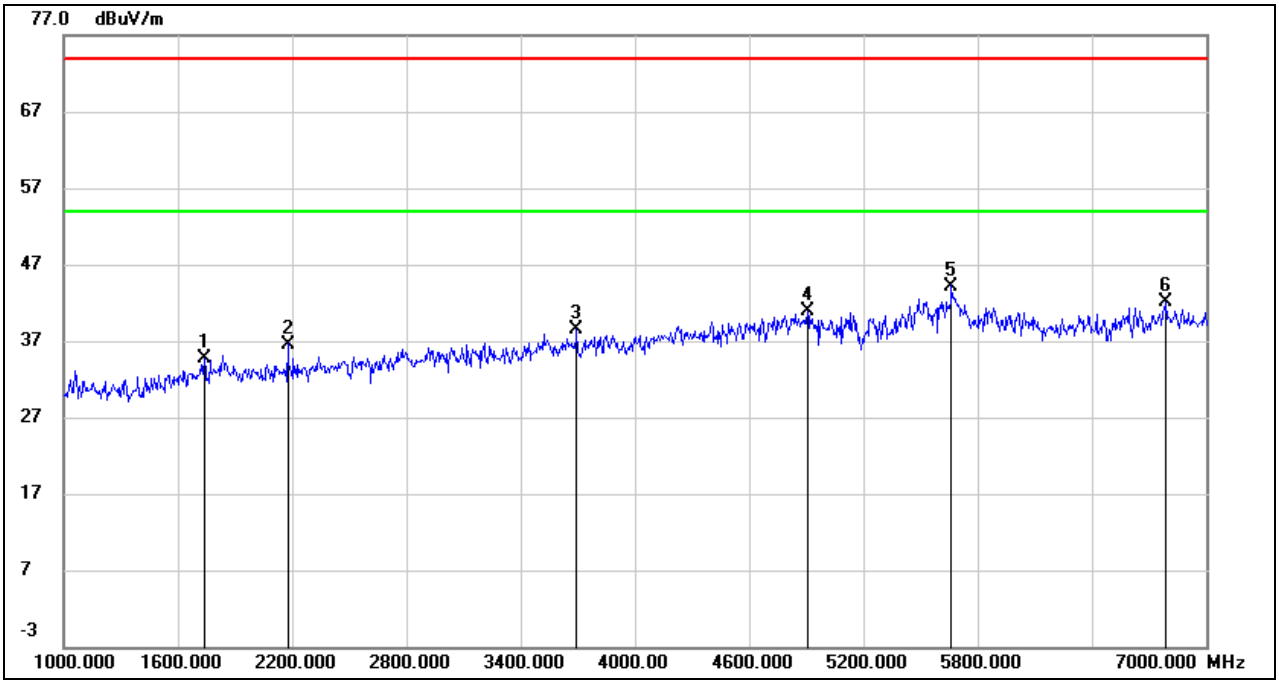


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	10.13	40.64	50.77	54.00	-3.23	AVG
2	5444.000	9.08	41.07	50.15	54.00	-3.85	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

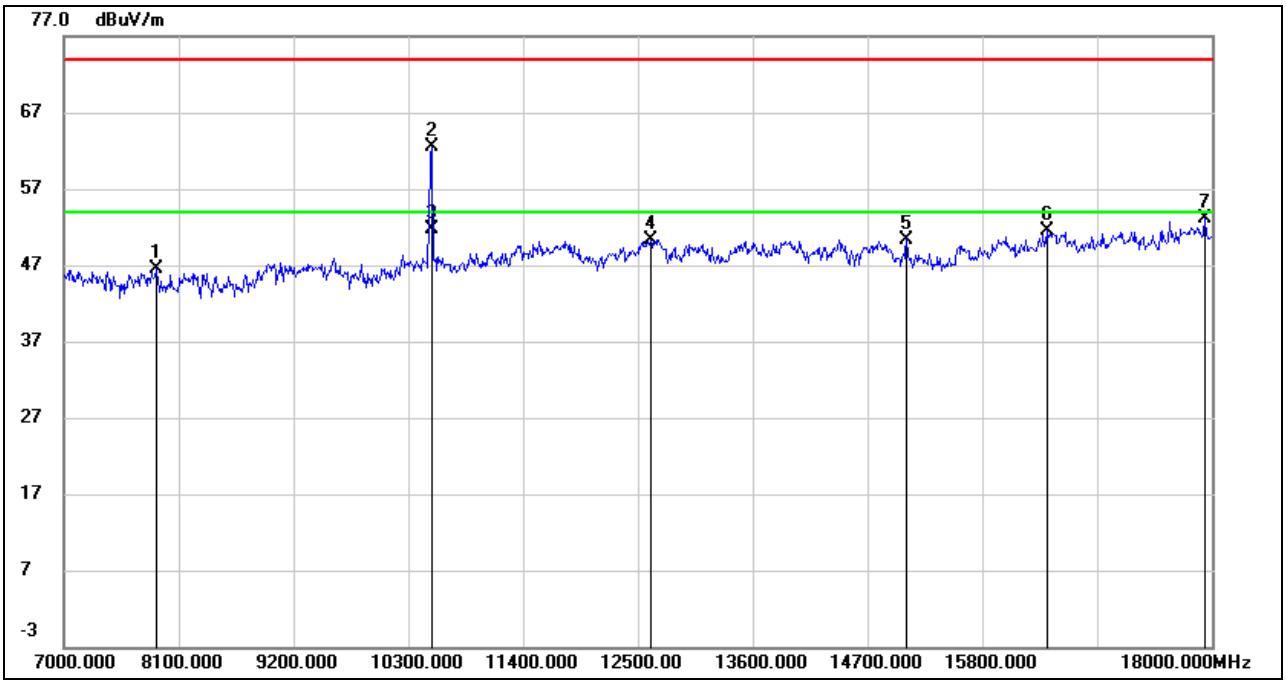
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1738.000	45.27	-10.57	34.70	74.00	-39.30	peak
2	2176.000	45.91	-9.31	36.60	74.00	-37.40	peak
3	3694.000	42.50	-3.99	38.51	74.00	-35.49	peak
4	4906.000	40.17	0.69	40.86	74.00	-33.14	peak
5	5662.000	42.21	1.99	44.20	74.00	-29.80	peak
6	6790.000	37.59	4.44	42.03	74.00	-31.97	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

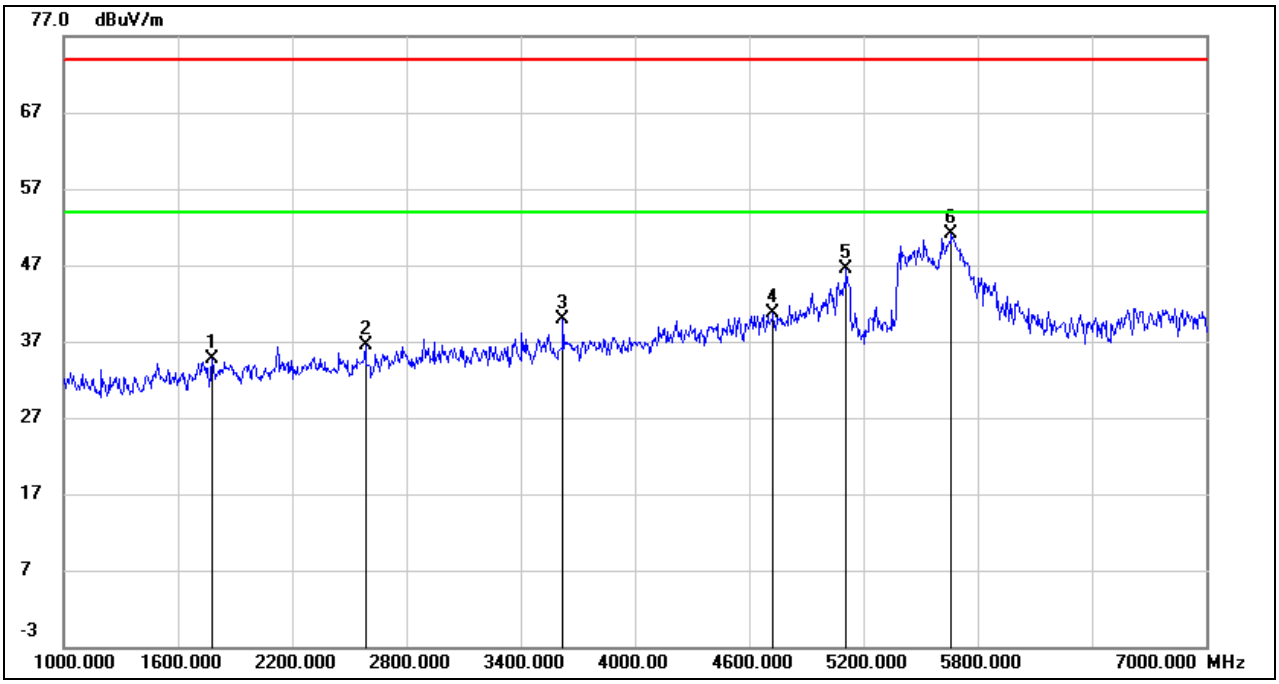
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7880.000	39.41	7.08	46.49	74.00	-27.51	peak
2	10520.144	50.88	11.60	62.48	74.00	-11.52	peak
3	10520.144	40.05	11.60	51.65	54.00	-2.35	AVG
4	12621.000	35.12	15.19	50.31	74.00	-23.69	peak
5	15074.000	34.44	15.96	50.40	74.00	-23.60	peak
6	16416.000	32.44	19.03	51.47	74.00	-22.53	peak
7	17934.000	29.44	23.62	53.06	74.00	-20.94	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

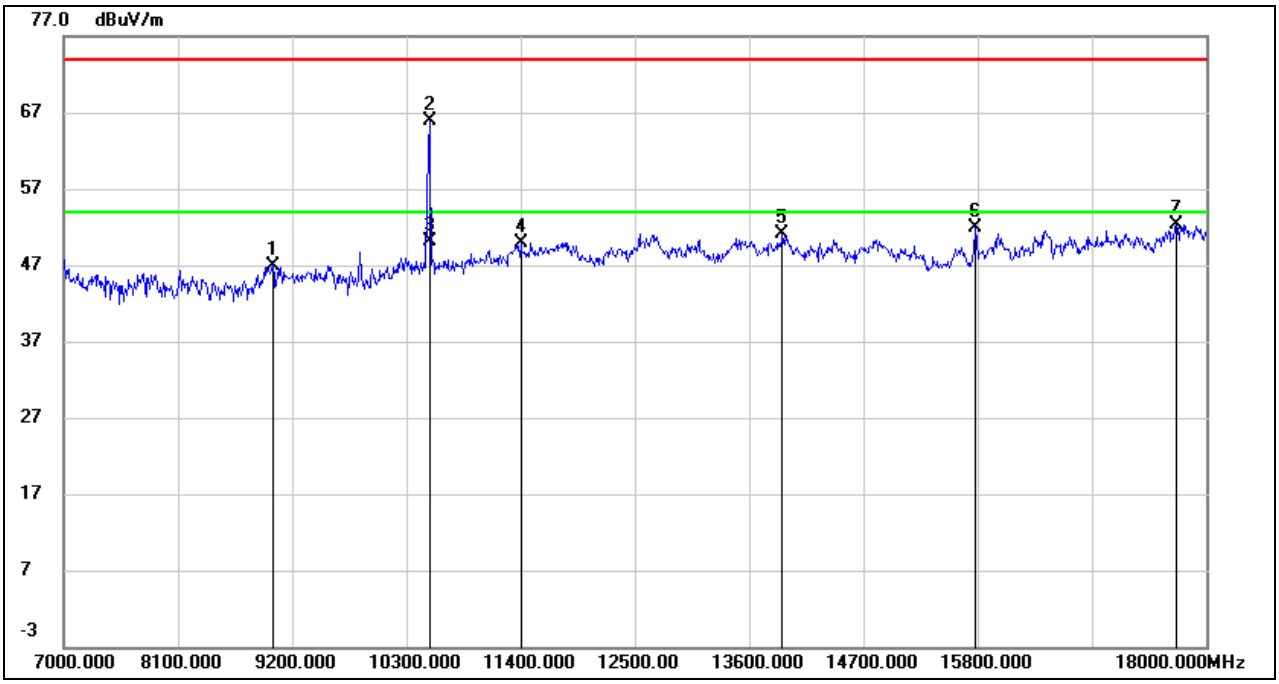
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1780.000	44.87	-10.26	34.61	74.00	-39.39	peak
2	2584.000	44.70	-8.22	36.48	74.00	-37.52	peak
3	3622.000	44.34	-4.36	39.98	74.00	-34.02	peak
4	4726.000	40.54	0.10	40.64	74.00	-33.36	peak
5	5110.000	45.09	1.43	46.52	74.00	-27.48	peak
6	5662.000	49.18	1.99	51.17	74.00	-22.83	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

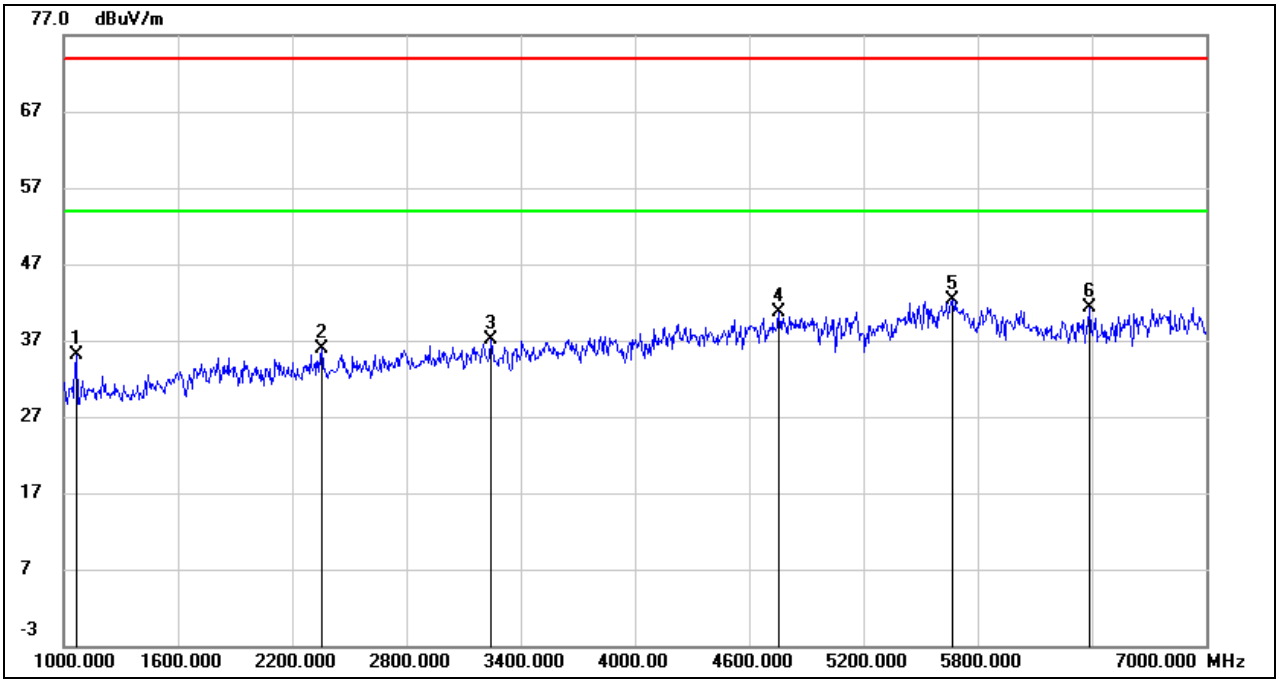


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9013.000	36.87	10.13	47.00	74.00	-27.00	peak
2	10519.800	54.38	11.60	65.98	74.00	-8.02	peak
3	10519.800	38.49	11.60	50.09	54.00	-3.91	AVG
4	11400.000	36.46	13.45	49.91	74.00	-24.09	peak
5	13919.000	34.79	16.24	51.03	74.00	-22.97	peak
6	15778.000	34.96	16.86	51.82	74.00	-22.18	peak
7	17714.000	29.44	22.85	52.29	74.00	-21.71	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

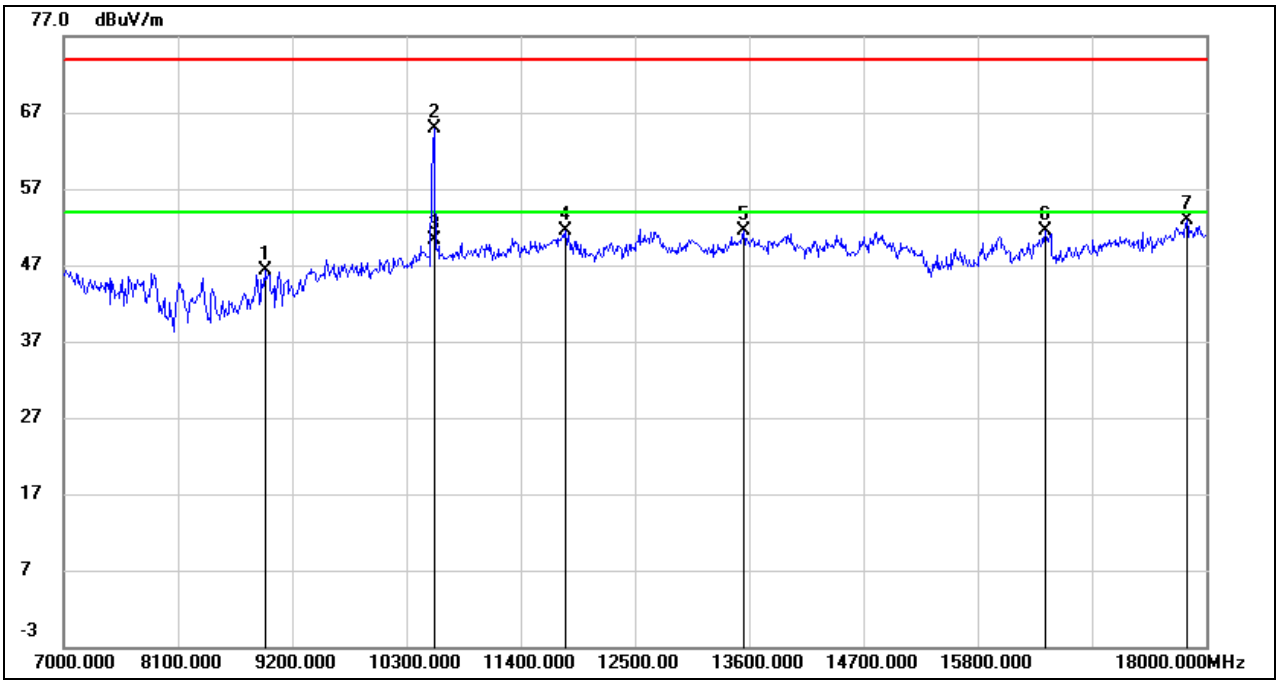
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	48.92	-13.73	35.19	74.00	-38.81	peak
2	2356.000	44.61	-8.74	35.87	74.00	-38.13	peak
3	3244.000	42.79	-5.61	37.18	74.00	-36.82	peak
4	4756.000	40.53	0.26	40.79	74.00	-33.21	peak
5	5668.000	40.35	1.99	42.34	74.00	-31.66	peak
6	6388.000	37.93	3.40	41.33	74.00	-32.67	peak

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

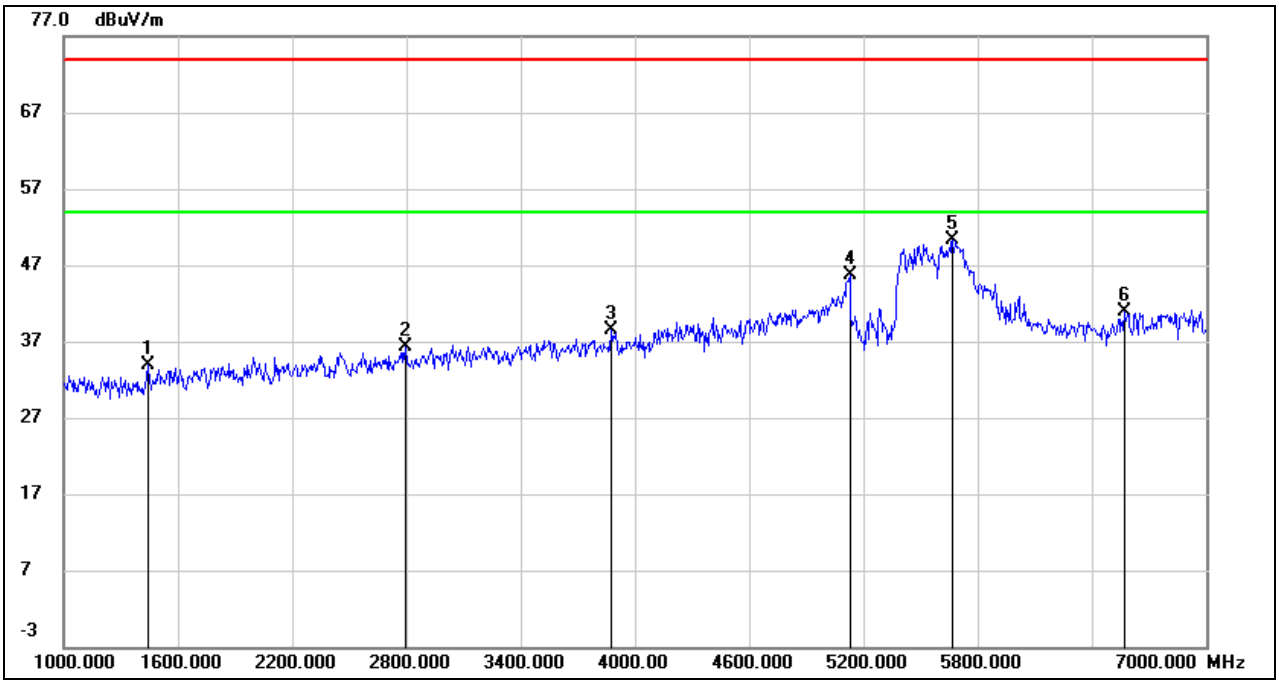
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	36.83	9.53	46.36	74.00	-27.64	peak
2	10560.110	53.12	11.74	64.86	74.00	-9.14	peak
3	10560.110	38.57	11.74	50.31	54.00	-3.69	AVG
4	11829.000	37.09	14.48	51.57	74.00	-22.43	peak
5	13545.000	35.54	15.91	51.45	74.00	-22.55	peak
6	16449.000	32.21	19.20	51.41	74.00	-22.59	peak
7	17813.000	29.36	23.50	52.86	74.00	-21.14	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

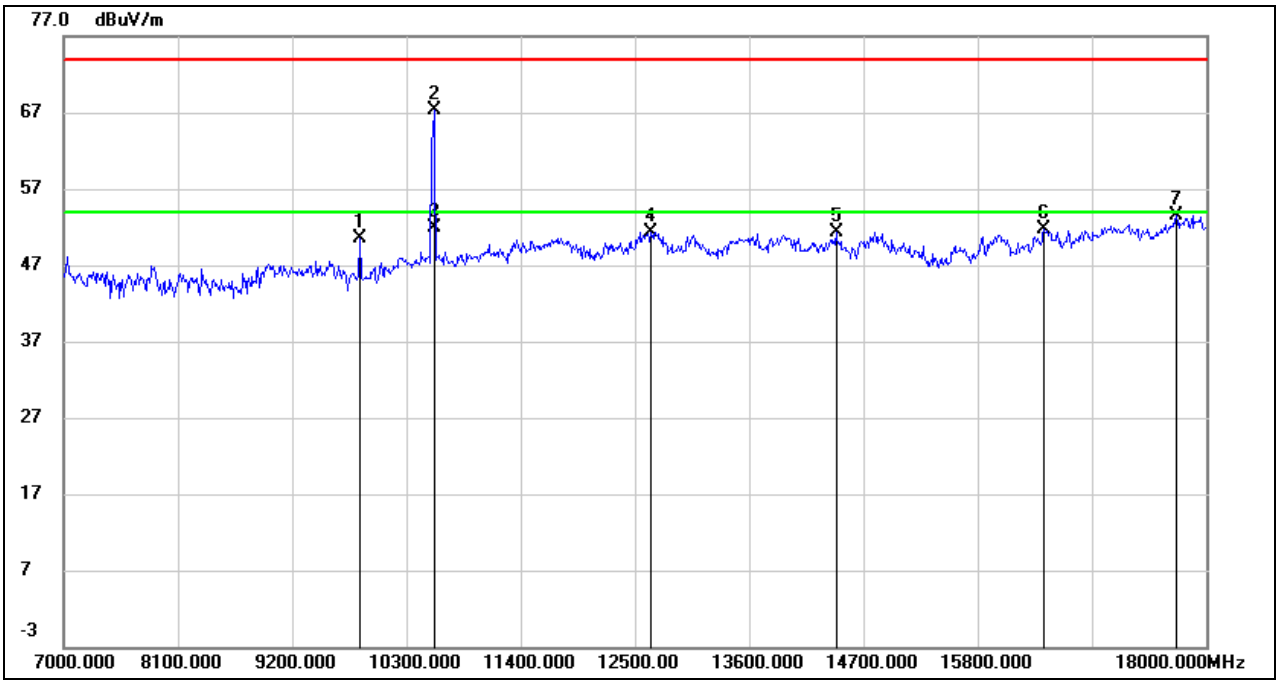
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1444.000	46.56	-12.56	34.00	74.00	-40.00	peak
2	2794.000	43.24	-6.98	36.26	74.00	-37.74	peak
3	3874.000	42.10	-3.56	38.54	74.00	-35.46	peak
4	5128.000	44.12	1.54	45.66	74.00	-28.34	peak
5	5668.000	48.30	1.99	50.29	74.00	-23.71	peak
6	6568.000	36.52	4.31	40.83	74.00	-33.17	peak

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

7-18GHz

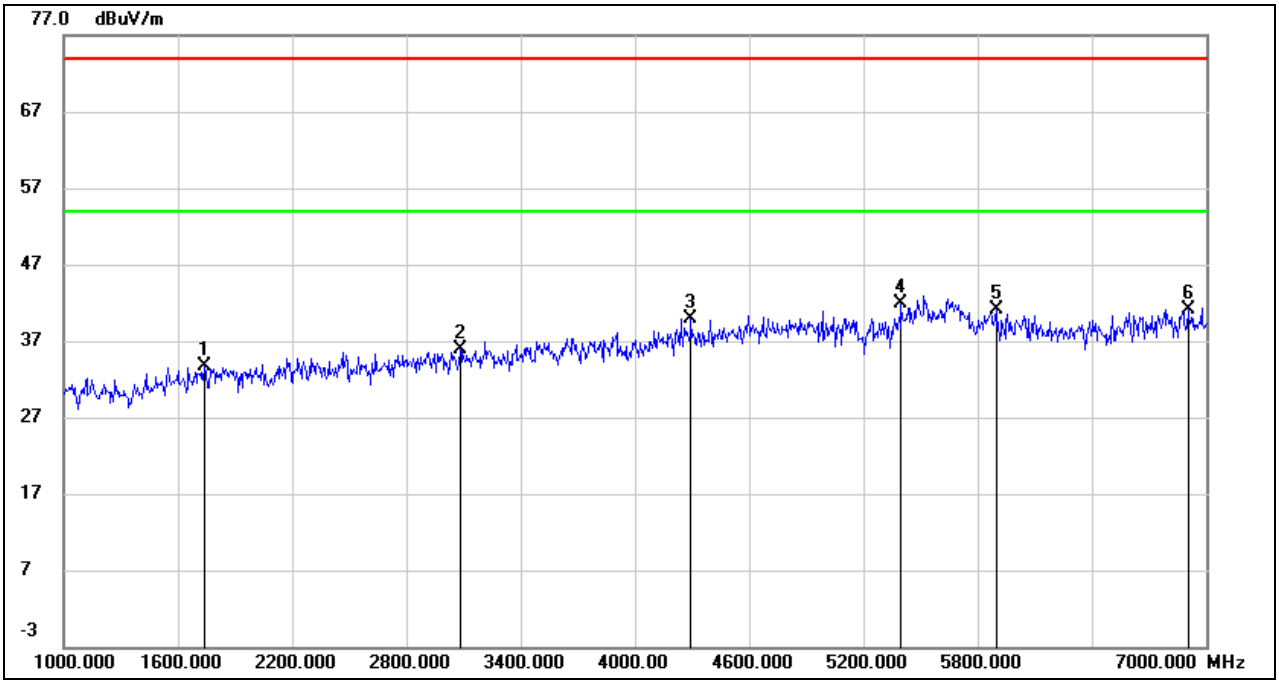


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	40.55	9.88	50.43	74.00	-23.57	peak
2	10562.151	55.57	11.74	67.31	74.00	-6.69	peak
3	10562.151	40.11	11.74	51.85	54.00	-2.15	AVG
4	12654.000	36.16	15.20	51.36	74.00	-22.64	peak
5	14436.000	35.29	16.10	51.39	74.00	-22.61	peak
6	16438.000	32.54	19.14	51.68	74.00	-22.32	peak
7	17714.000	30.74	22.85	53.59	74.00	-20.41	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

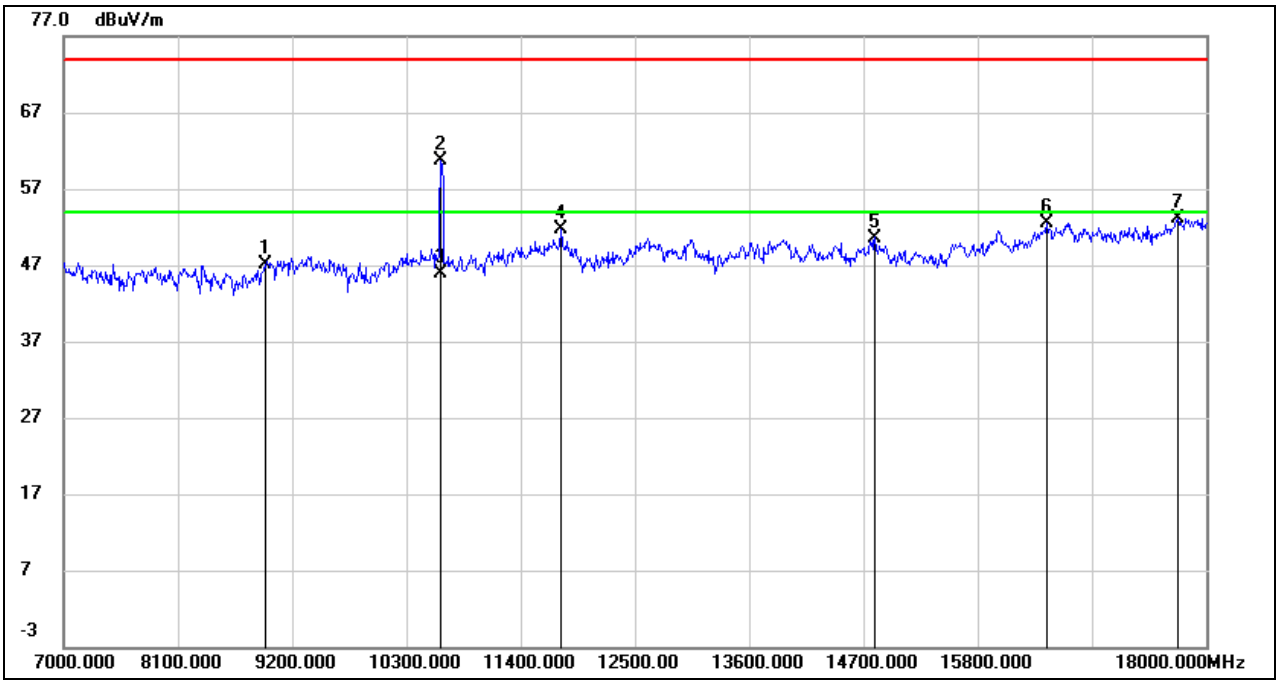
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1738.000	44.27	-10.57	33.70	74.00	-40.30	peak
2	3082.000	41.76	-5.90	35.86	74.00	-38.14	peak
3	4294.000	41.83	-1.87	39.96	74.00	-34.04	peak
4	5398.000	40.36	1.58	41.94	74.00	-32.06	peak
5	5896.000	38.92	2.27	41.19	74.00	-32.81	peak
6	6904.000	36.46	4.68	41.14	74.00	-32.86	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

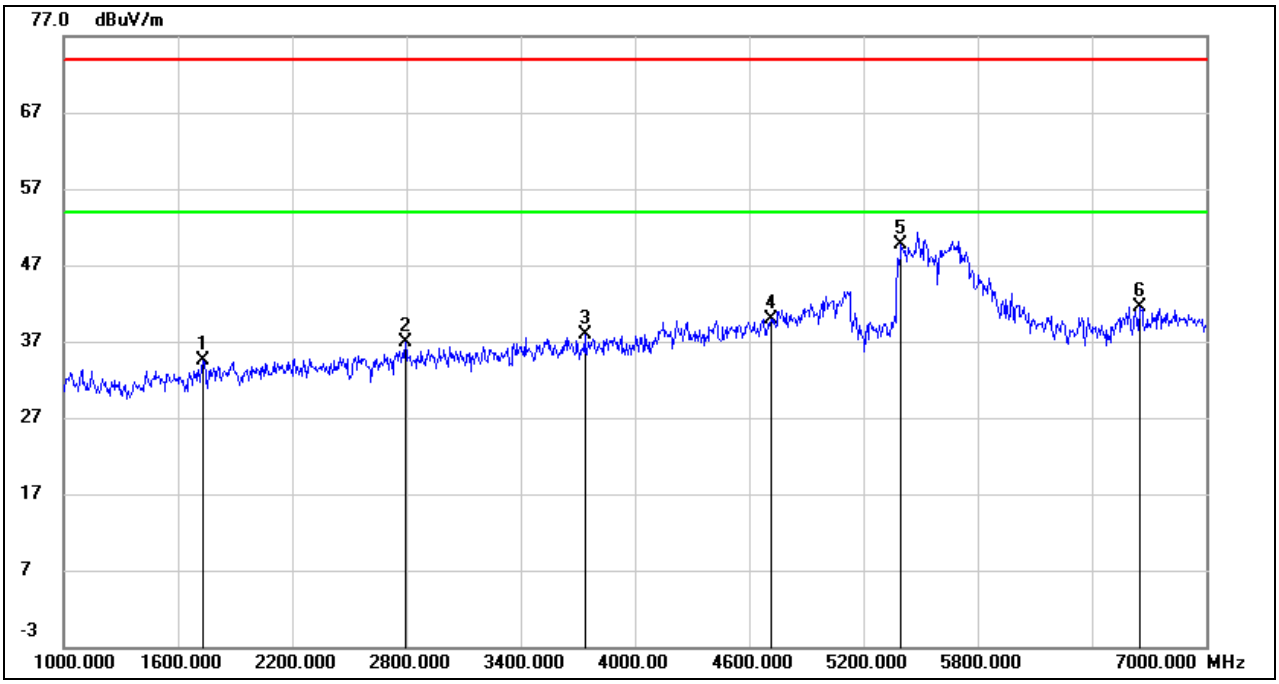
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.000	37.53	9.53	47.06	74.00	-26.94	peak
2	10633.700	48.78	11.91	60.69	74.00	-13.31	peak
3	10633.700	33.94	11.91	45.85	54.00	-8.15	AVG
4	11785.000	37.30	14.47	51.77	74.00	-22.23	peak
5	14810.000	34.57	16.03	50.60	74.00	-23.40	peak
6	16471.000	33.21	19.31	52.52	74.00	-21.48	peak
7	17725.000	30.19	22.94	53.13	74.00	-20.87	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

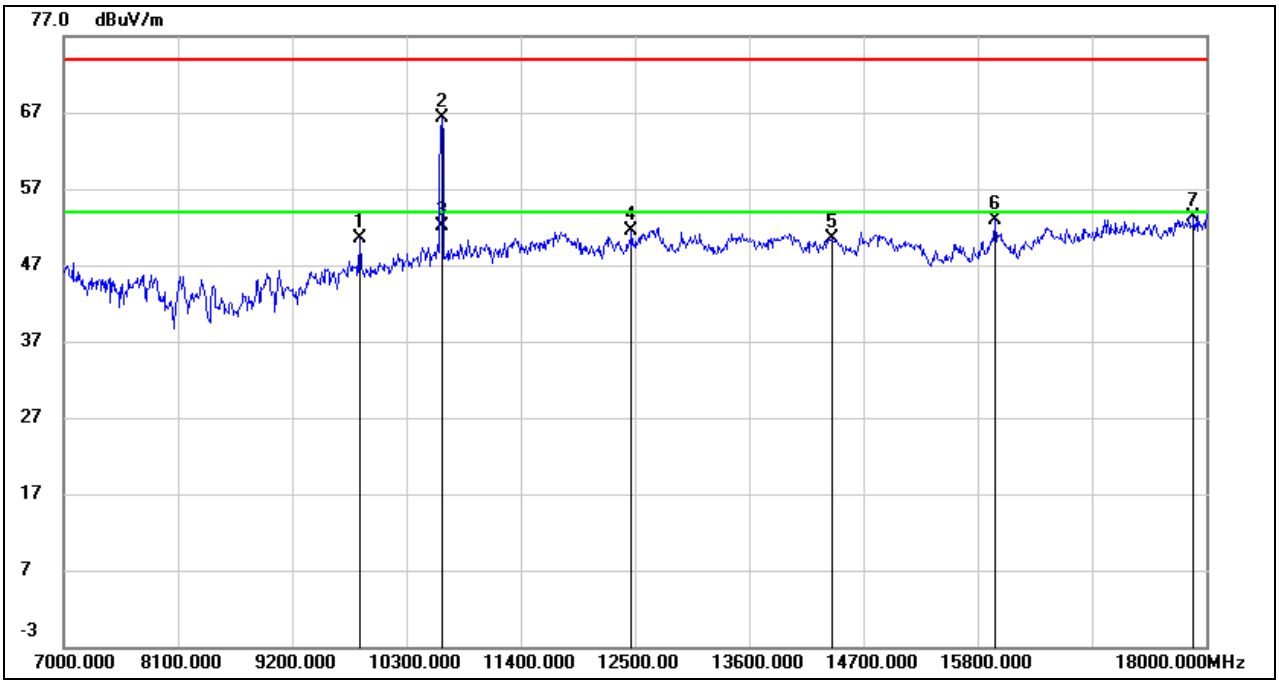
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1732.000	45.05	-10.62	34.43	74.00	-39.57	peak
2	2794.000	43.93	-6.98	36.95	74.00	-37.05	peak
3	3736.000	41.75	-3.78	37.97	74.00	-36.03	peak
4	4714.000	39.96	0.02	39.98	74.00	-34.02	peak
5	5398.000	48.06	1.58	49.64	74.00	-24.36	peak
6	6652.000	37.09	4.47	41.56	74.00	-32.44	peak

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

7-18GHz



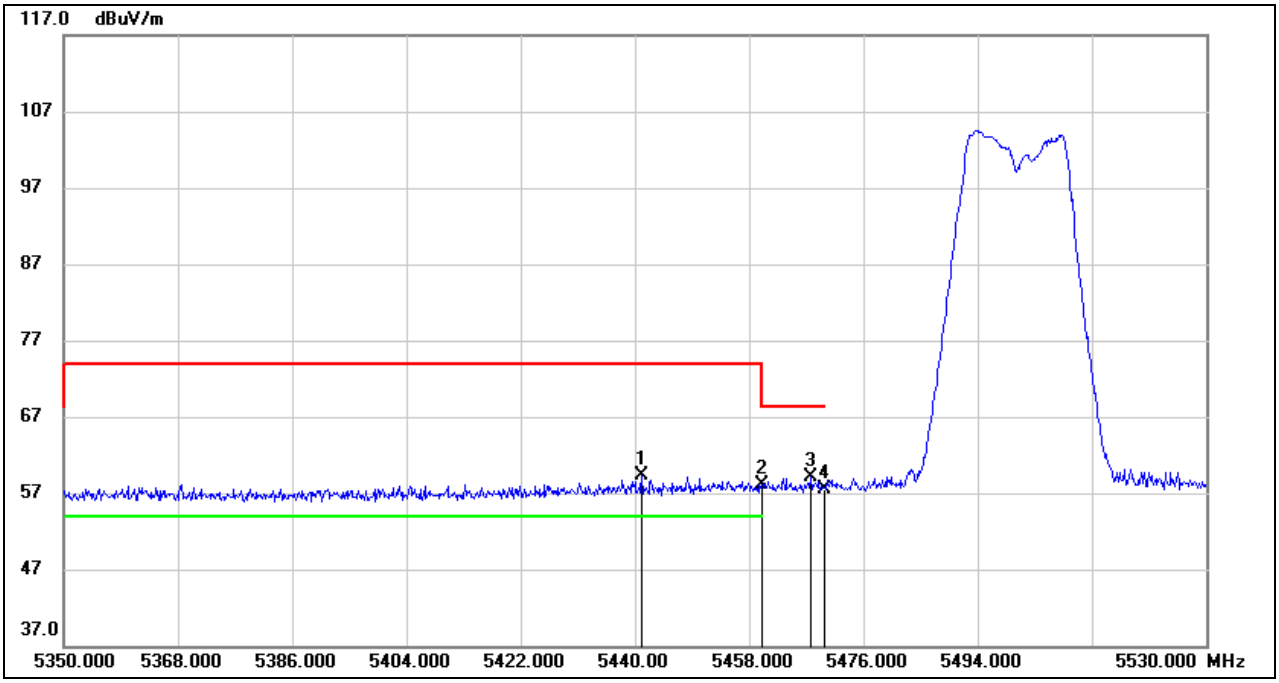
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	40.54	9.88	50.42	74.00	-23.58	peak
2	10642.100	54.32	11.93	66.25	74.00	-7.75	peak
3	10642.100	40.19	11.93	52.12	54.00	-1.88	AVG
4	12467.000	36.67	14.91	51.58	74.00	-22.42	peak
5	14403.000	34.27	16.15	50.42	74.00	-23.58	peak
6	15965.000	35.37	17.58	52.95	74.00	-21.05	peak
7	17879.000	29.67	23.57	53.24	74.00	-20.76	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.1.3. UNII-2C BAND

RESTRICTED BANDEDGE LOW CHANNEL

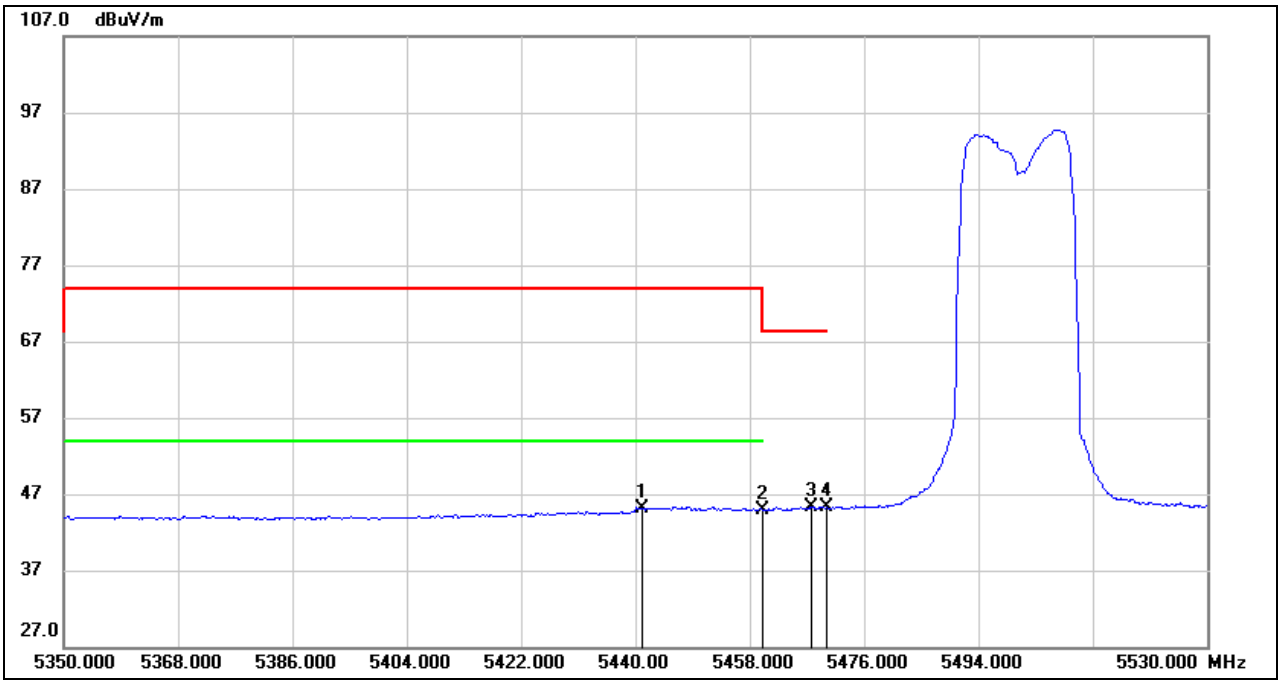
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5441.080	18.20	41.04	59.24	74.00	-14.76	peak
2	5460.000	16.81	41.28	58.09	68.20	-10.11	peak
3	5467.720	17.73	41.38	59.11	68.20	-9.09	peak
4	5470.000	16.10	41.41	57.51	68.20	-10.69	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

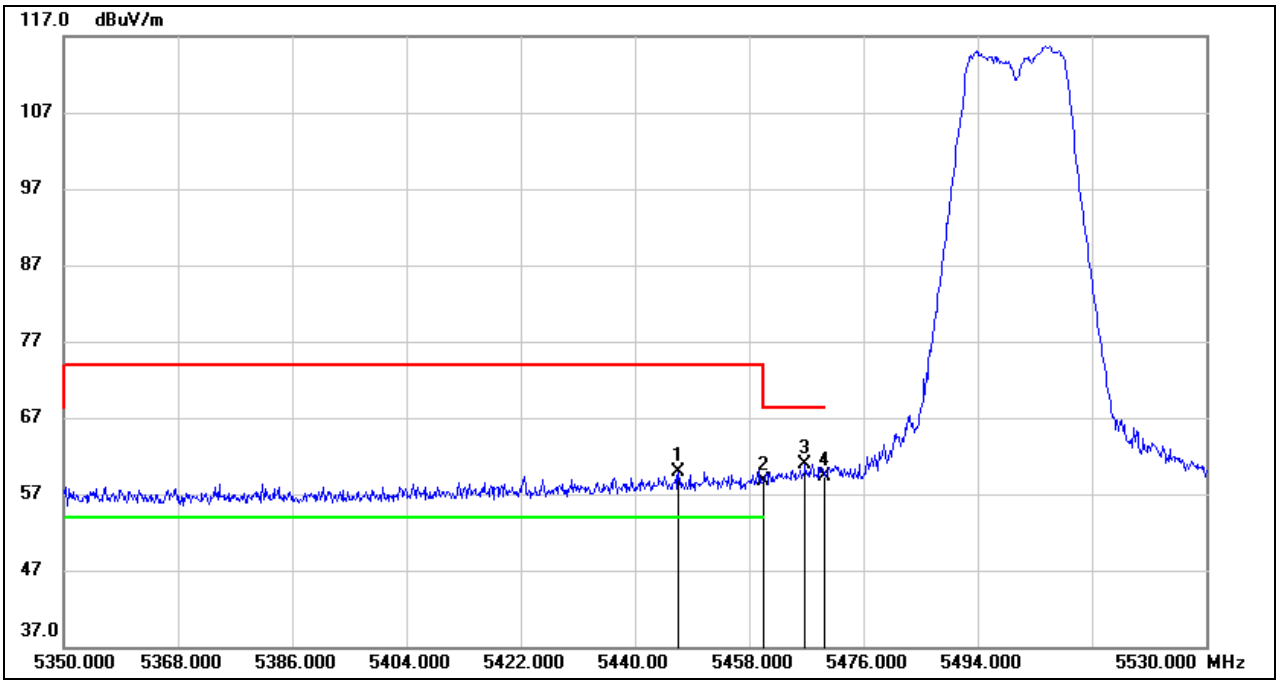
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5441.080	4.06	41.04	45.10	54.00	-8.90	AVG
2	5460.000	3.69	41.28	44.97	54.00	-9.03	AVG
3	5467.720	3.99	41.38	45.37	68.20	-22.83	AVG
4	5470.000	3.81	41.41	45.22	68.20	-22.98	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

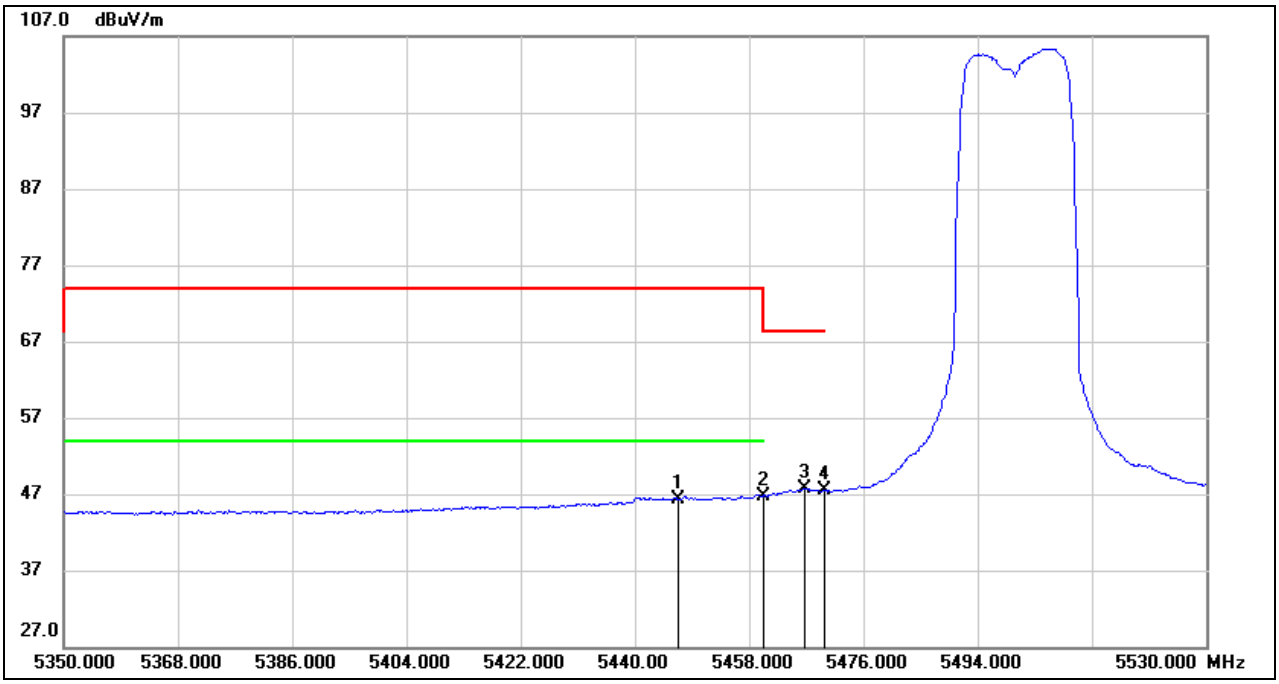
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.840	18.85	41.12	59.97	74.00	-14.03	peak
2	5460.000	17.47	41.28	58.75	68.20	-9.45	peak
3	5466.820	19.46	41.37	60.83	68.20	-7.37	peak
4	5470.000	17.96	41.41	59.37	68.20	-8.83	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

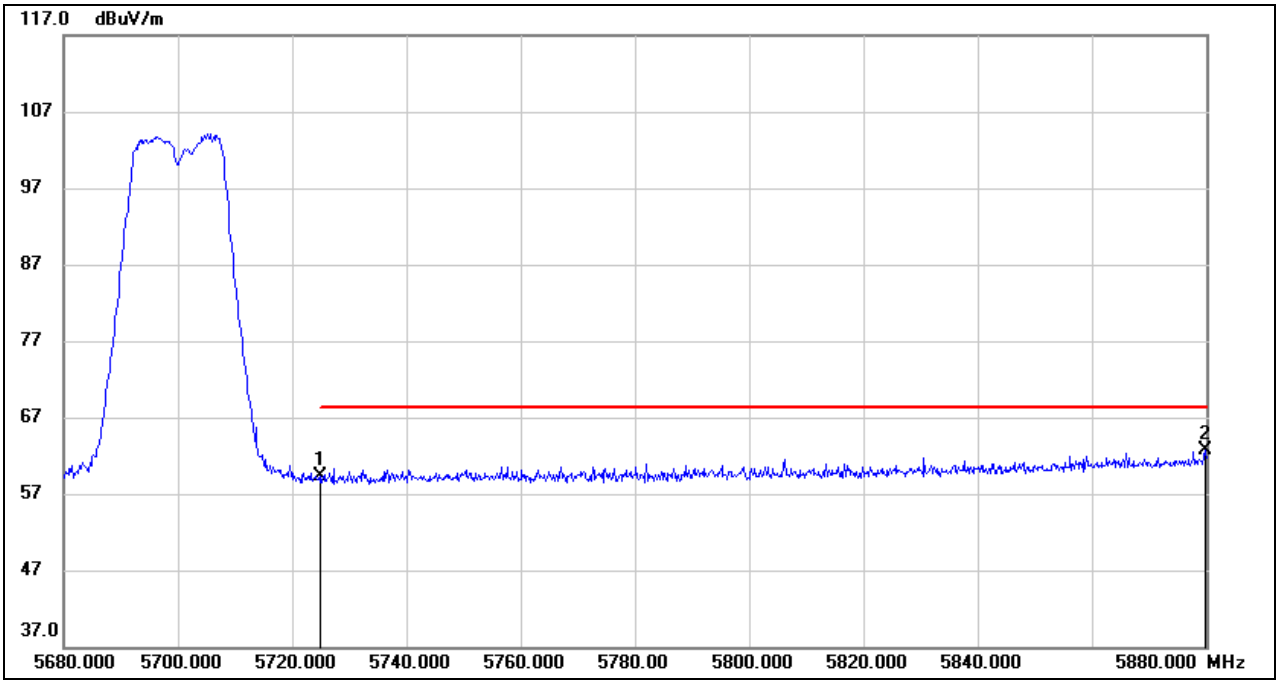


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.840	5.23	41.12	46.35	54.00	-7.65	AVG
2	5460.000	5.51	41.28	46.79	54.00	-7.21	AVG
3	5466.820	6.40	41.37	47.77	68.20	-20.43	AVG
4	5470.000	6.13	41.41	47.54	68.20	-20.66	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE HIGH CHANNEL

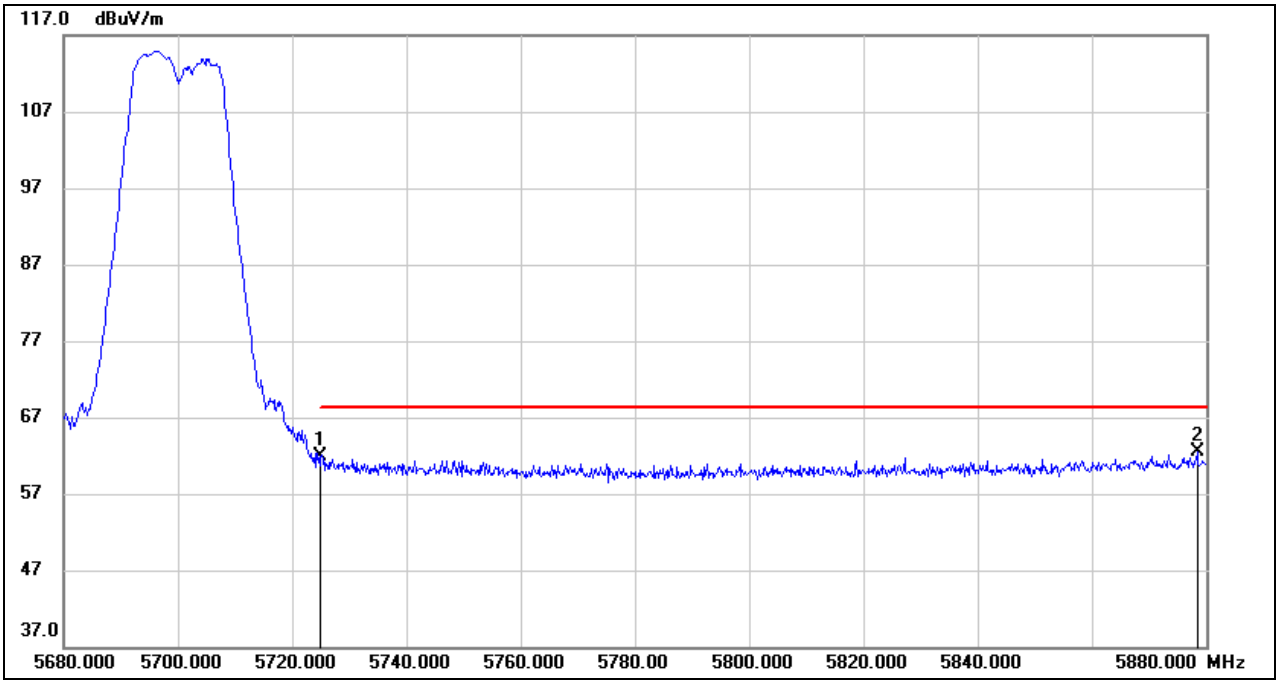
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	17.63	41.61	59.24	68.20	-8.96	peak
2	5879.800	19.17	43.47	62.64	68.20	-5.56	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. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

VERTICAL RESULTS
PEAK

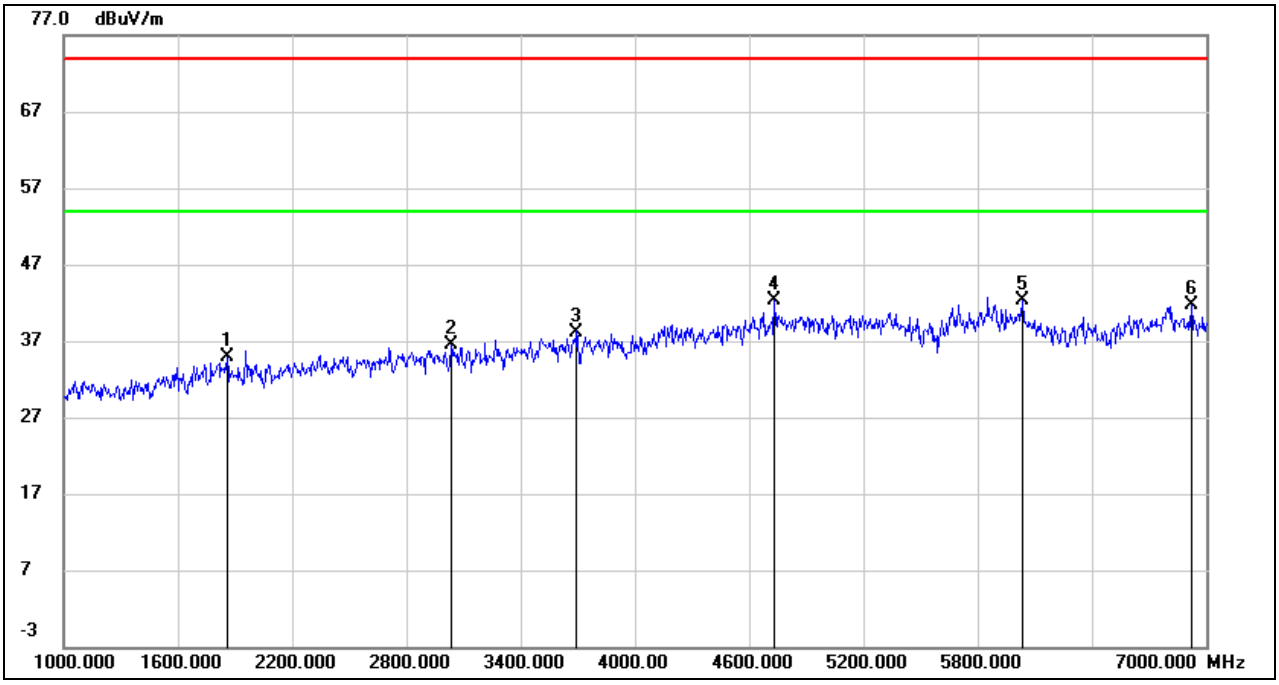


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	20.33	41.61	61.94	68.20	-6.26	peak
2	5878.400	19.14	43.43	62.57	68.20	-5.63	peak

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

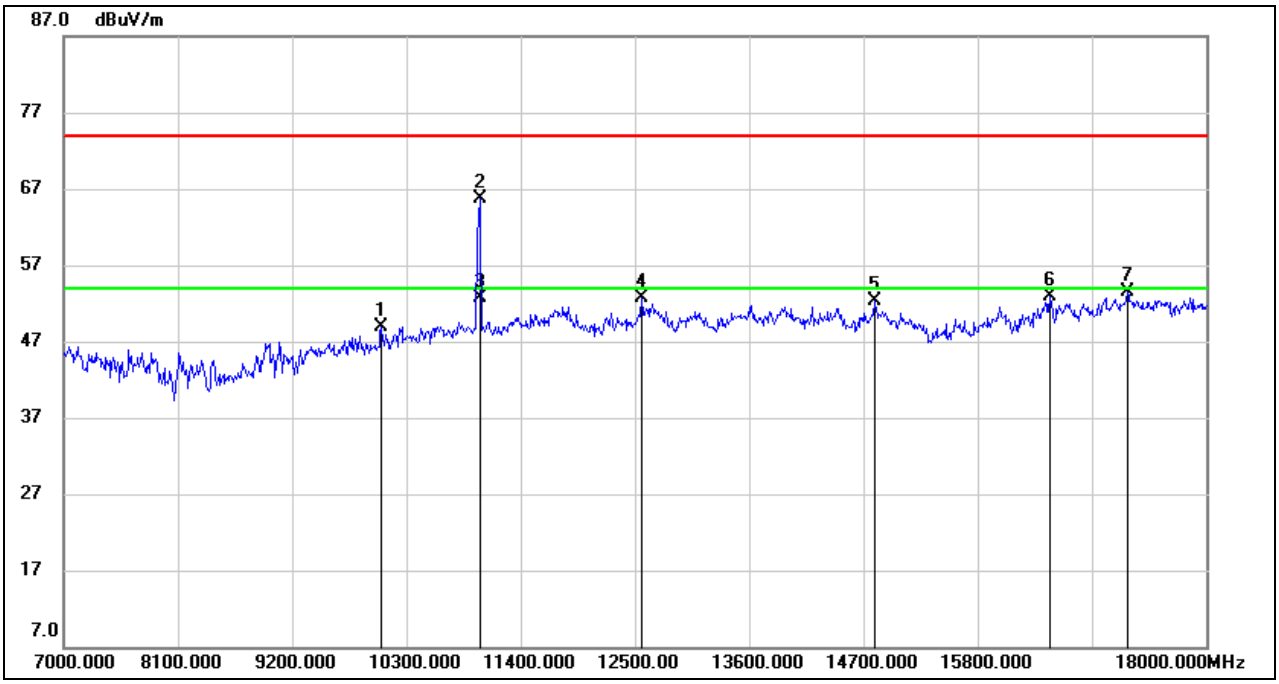
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1858.000	45.12	-10.14	34.98	74.00	-39.02	peak
2	3034.000	42.42	-6.00	36.42	74.00	-37.58	peak
3	3694.000	42.19	-3.99	38.20	74.00	-35.80	peak
4	4732.000	42.24	0.12	42.36	74.00	-31.64	peak
5	6034.000	39.78	2.58	42.36	74.00	-31.64	peak
6	6922.000	37.01	4.72	41.73	74.00	-32.27	peak

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

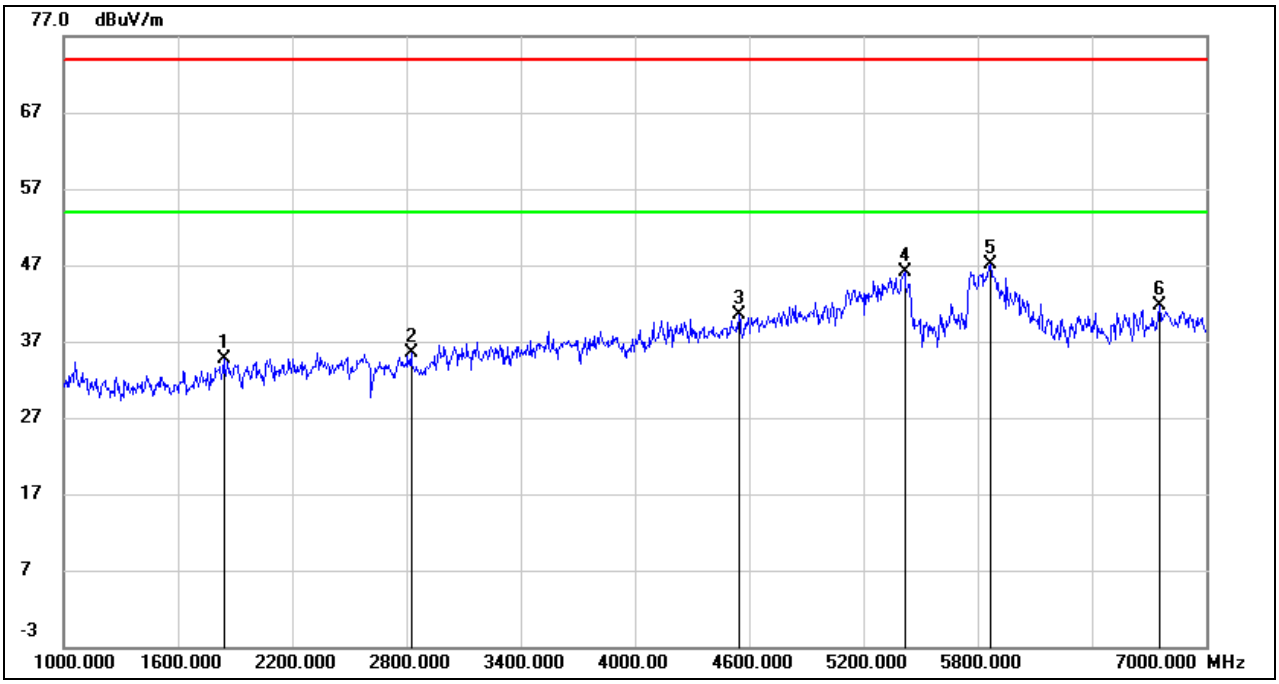
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10058.000	38.78	10.14	48.92	74.00	-25.08	peak
2	11002.100	53.15	12.63	65.78	74.00	-8.22	peak
3	11002.100	40.16	12.63	52.79	54.00	-1.21	AVG
4	12566.000	37.56	15.10	52.66	74.00	-21.34	peak
5	14810.000	36.19	16.03	52.22	74.00	-21.78	peak
6	16493.000	33.47	19.42	52.89	74.00	-21.11	peak
7	17241.000	31.85	21.58	53.43	74.00	-20.57	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

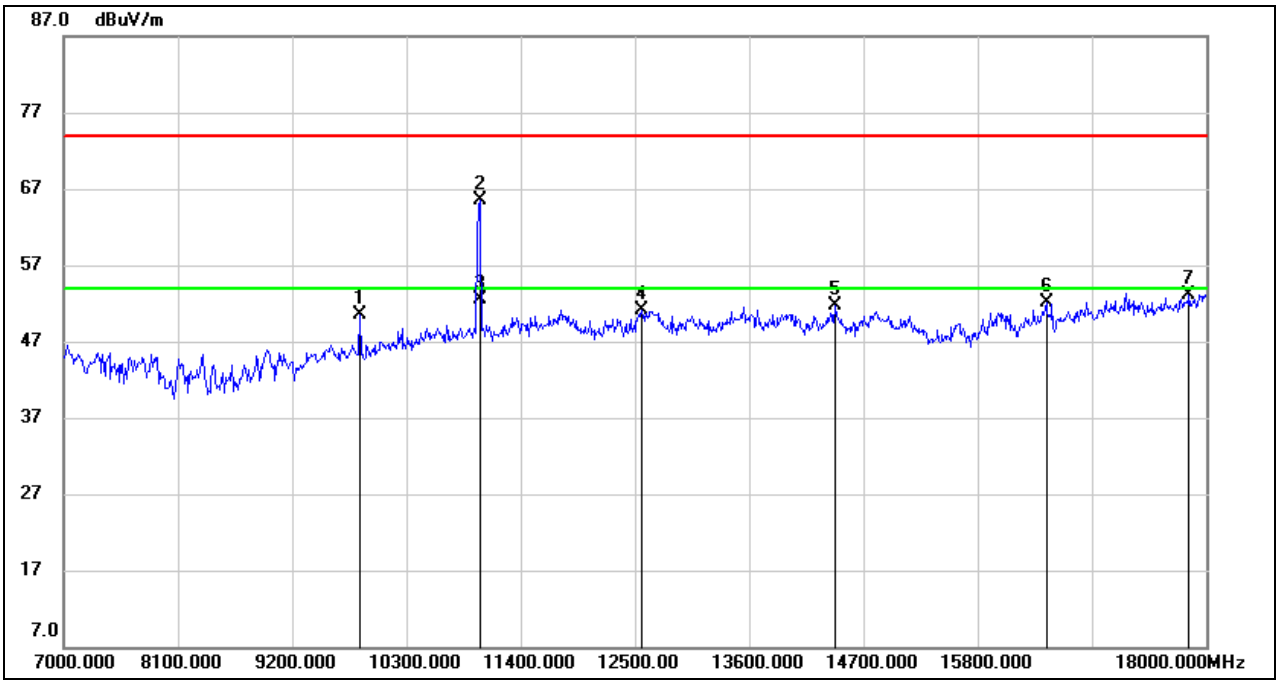
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1840.000	44.84	-10.13	34.71	74.00	-39.29	peak
2	2824.000	42.38	-6.83	35.55	74.00	-38.45	peak
3	4546.000	41.57	-1.01	40.56	74.00	-33.44	peak
4	5416.000	44.58	1.60	46.18	74.00	-27.82	peak
5	5866.000	44.97	2.16	47.13	74.00	-26.87	peak
6	6754.000	37.26	4.45	41.71	74.00	-32.29	peak

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

7-18GHz

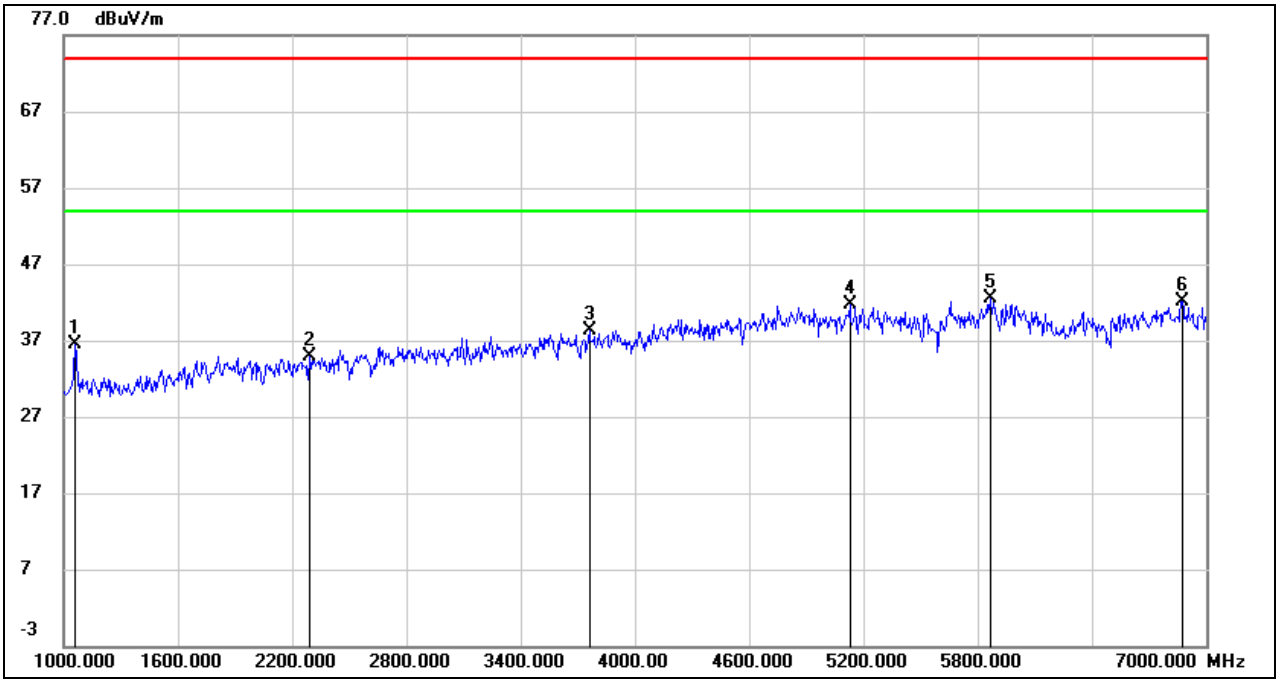


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	40.65	9.88	50.53	74.00	-23.47	peak
2	11002.200	52.82	12.63	65.45	74.00	-8.55	peak
3	11002.200	39.89	12.63	52.52	54.00	-1.48	AVG
4	12566.000	35.92	15.10	51.02	74.00	-22.98	peak
5	14425.000	35.55	16.11	51.66	74.00	-22.34	peak
6	16460.000	32.83	19.26	52.09	74.00	-21.91	peak
7	17835.000	29.64	23.52	53.16	74.00	-20.84	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. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

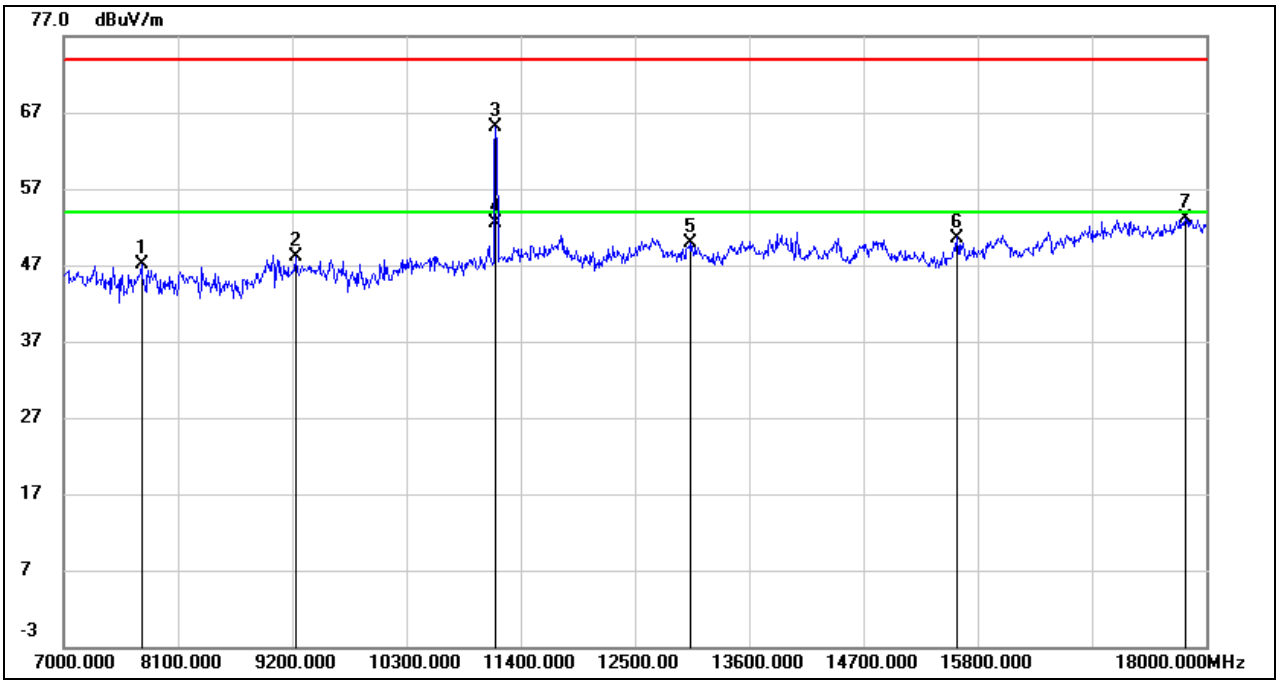
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	50.19	-13.76	36.43	74.00	-37.57	peak
2	2290.000	43.78	-8.94	34.84	74.00	-39.16	peak
3	3760.000	41.89	-3.66	38.23	74.00	-35.77	peak
4	5128.000	40.14	1.54	41.68	74.00	-32.32	peak
5	5866.000	40.41	2.16	42.57	74.00	-31.43	peak
6	6874.000	37.58	4.61	42.19	74.00	-31.81	peak

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

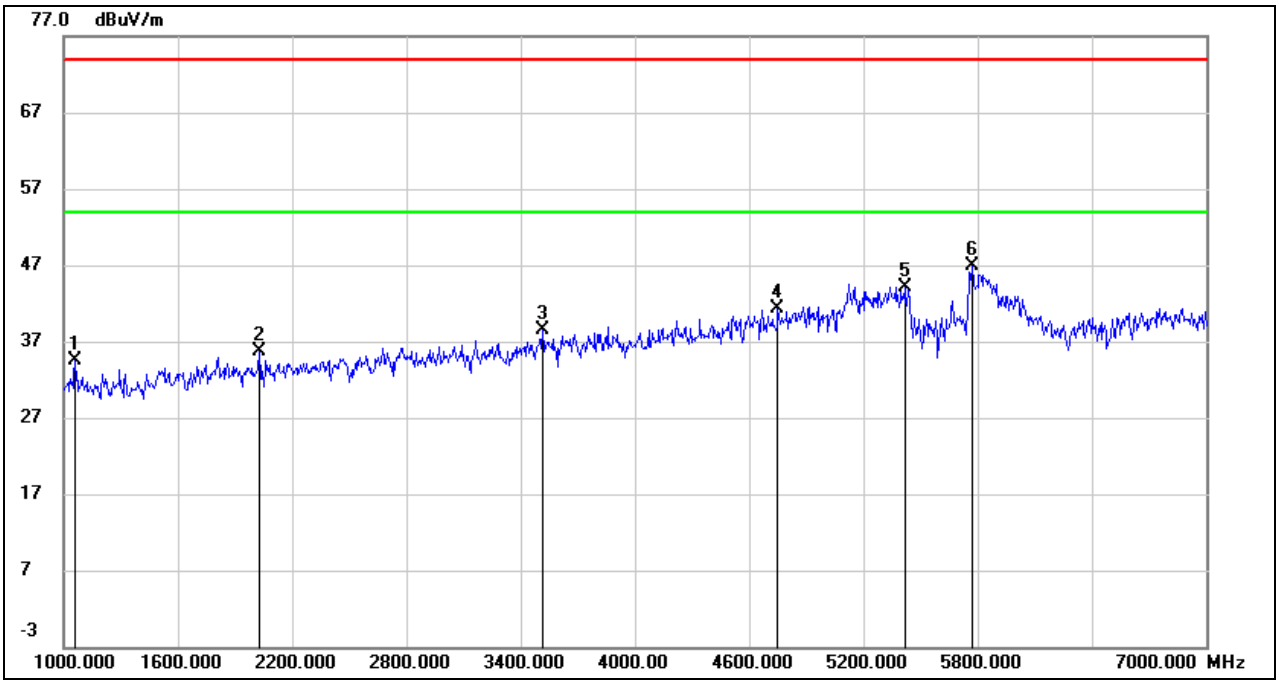
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7748.000	39.91	7.25	47.16	74.00	-26.84	peak
2	9233.000	38.82	9.24	48.06	74.00	-25.94	peak
3	11160.000	52.07	12.96	65.03	74.00	-8.97	peak
4	11160.000	39.60	12.96	52.56	54.00	-1.44	AVG
5	13028.000	34.25	15.57	49.82	74.00	-24.18	peak
6	15602.000	33.86	16.74	50.60	74.00	-23.40	peak
7	17802.000	29.66	23.49	53.15	74.00	-20.85	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

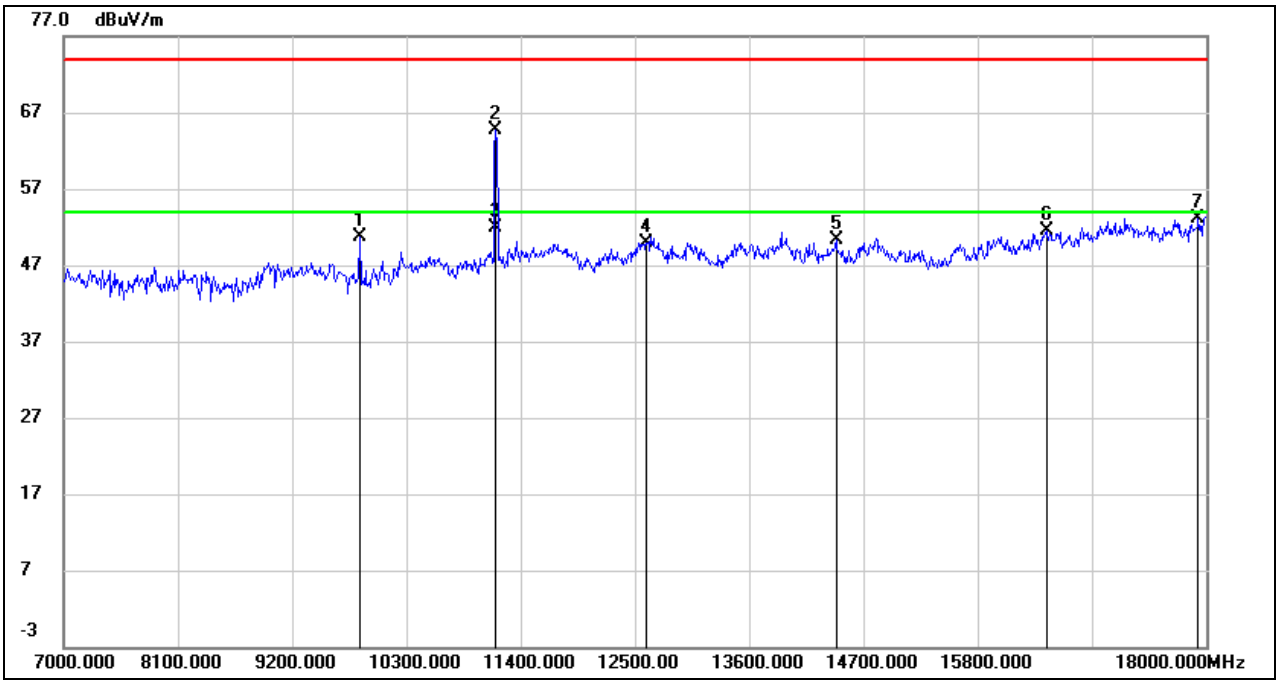
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	48.24	-13.76	34.48	74.00	-39.52	peak
2	2026.000	45.82	-10.10	35.72	74.00	-38.28	peak
3	3514.000	43.46	-4.94	38.52	74.00	-35.48	peak
4	4750.000	41.06	0.23	41.29	74.00	-32.71	peak
5	5416.000	42.56	1.60	44.16	74.00	-29.84	peak
6	5770.000	44.87	1.96	46.83	74.00	-27.17	peak

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

7-18GHz

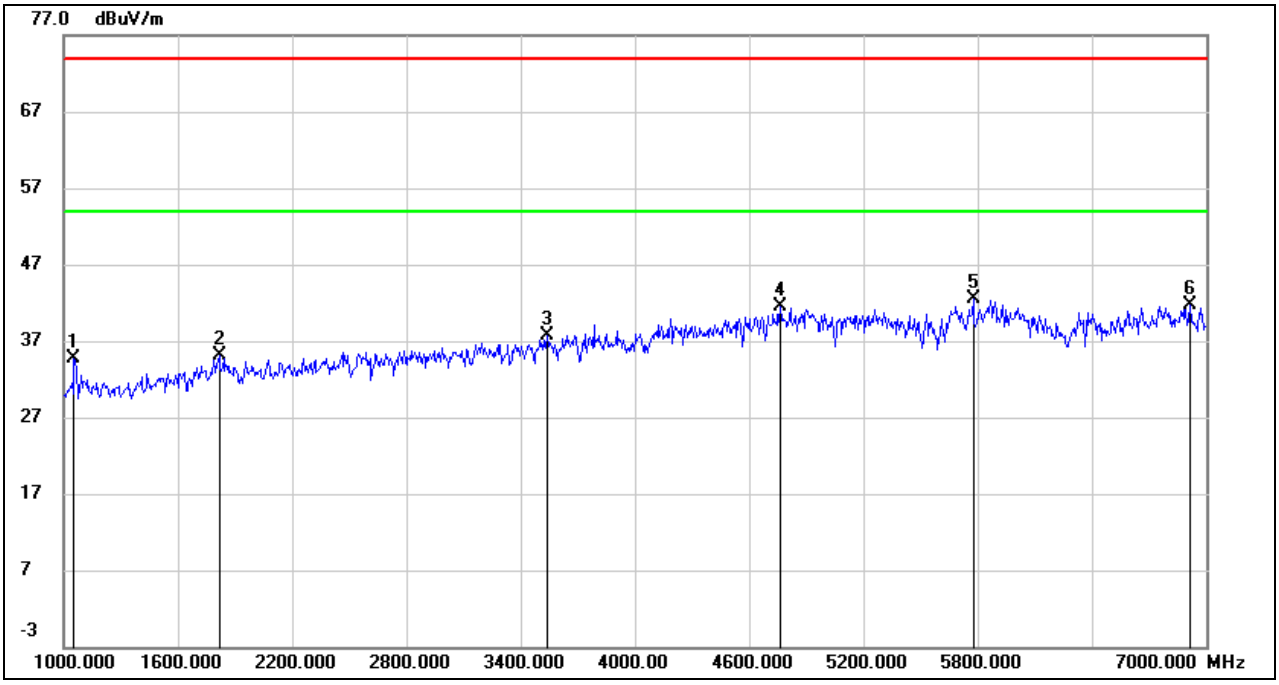


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	40.84	9.88	50.72	74.00	-23.28	peak
2	11162.400	51.69	12.96	64.65	74.00	-9.35	peak
3	11162.400	38.91	12.96	51.87	54.00	-2.13	AVG
4	12610.000	34.72	15.17	49.89	74.00	-24.11	peak
5	14436.000	34.12	16.10	50.22	74.00	-23.78	peak
6	16460.000	32.28	19.26	51.54	74.00	-22.46	peak
7	17923.000	29.48	23.61	53.09	74.00	-20.91	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

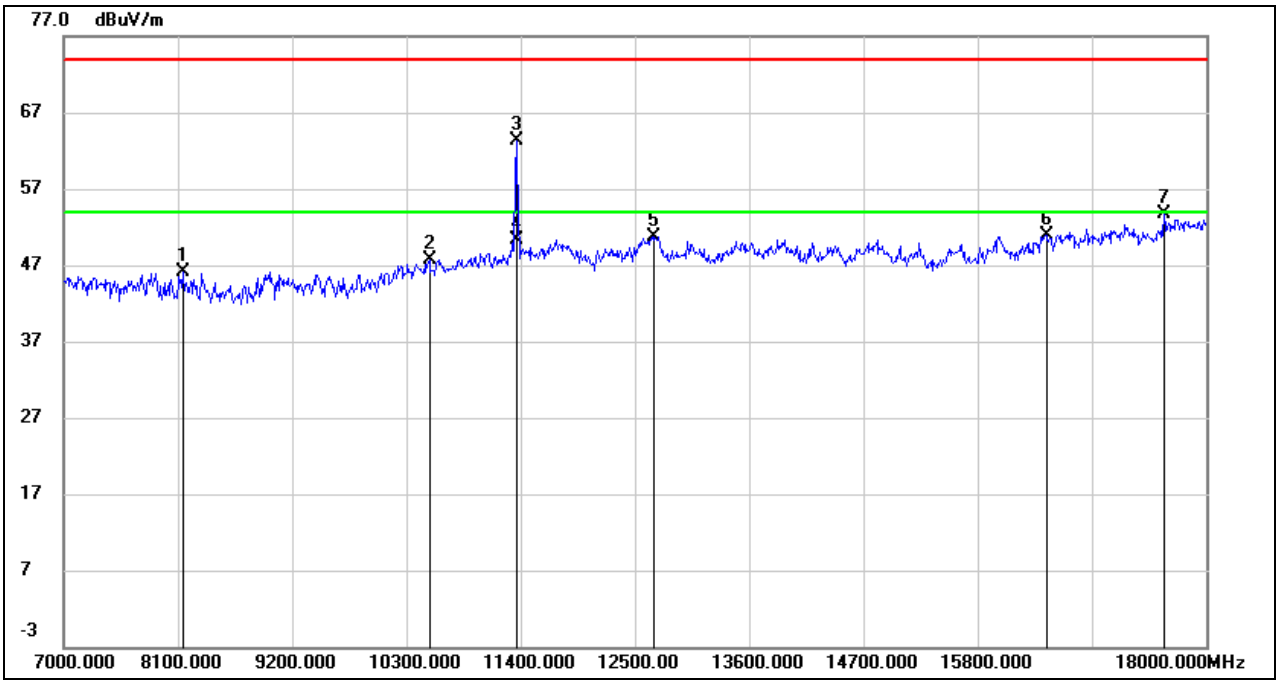
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1054.000	48.41	-13.79	34.62	74.00	-39.38	peak
2	1816.000	45.24	-10.12	35.12	74.00	-38.88	peak
3	3538.000	42.46	-4.80	37.66	74.00	-36.34	peak
4	4762.000	41.11	0.31	41.42	74.00	-32.58	peak
5	5776.000	40.58	1.95	42.53	74.00	-31.47	peak
6	6916.000	36.94	4.71	41.65	74.00	-32.35	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

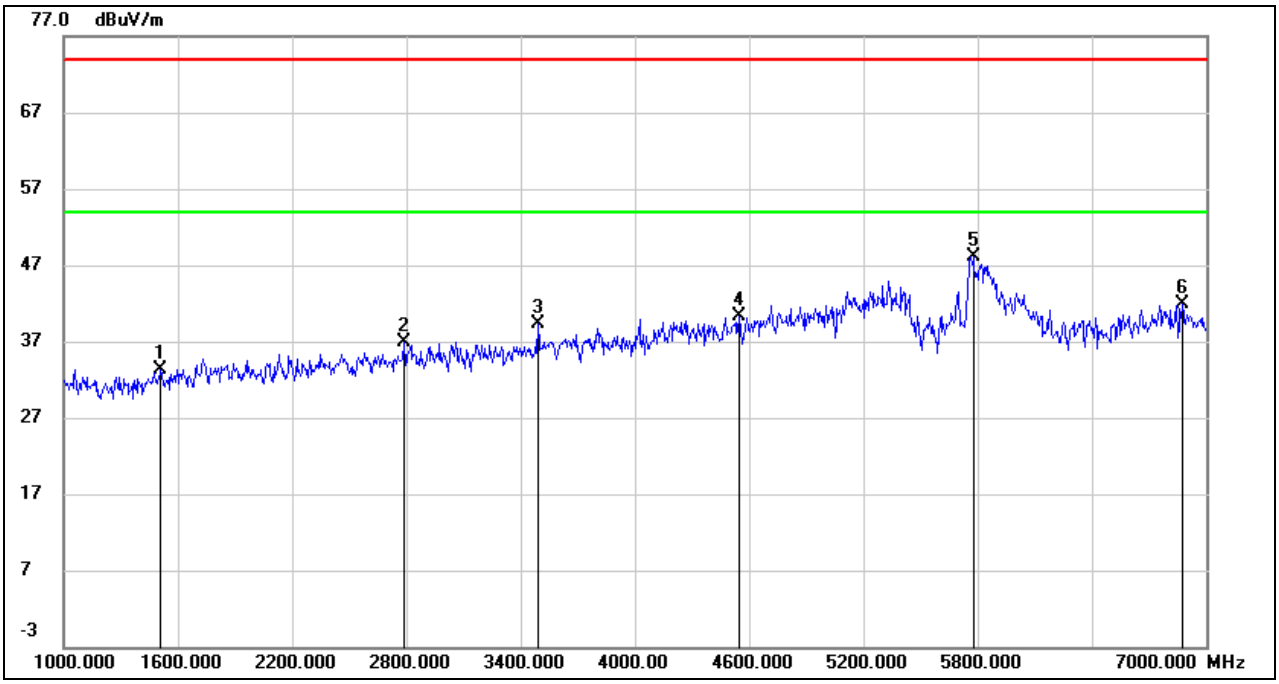
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8144.000	38.15	7.89	46.04	74.00	-27.96	peak
2	10520.000	36.12	11.60	47.72	74.00	-26.28	peak
3	11360.070	50.00	13.37	63.37	74.00	-10.63	peak
4	11360.070	36.86	13.37	50.23	54.00	-3.77	AVG
5	12687.000	35.50	15.24	50.74	74.00	-23.26	peak
6	16460.000	31.67	19.26	50.93	74.00	-23.07	peak
7	17593.000	31.81	21.98	53.79	74.00	-20.21	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

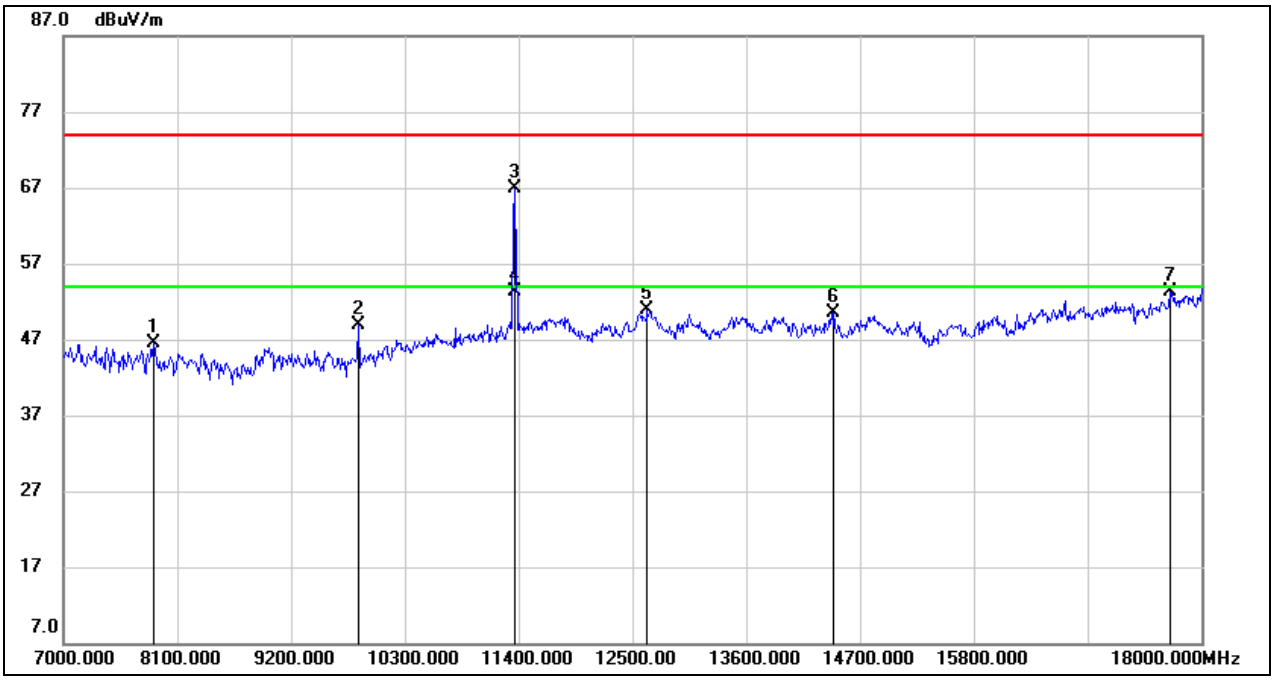
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1510.000	45.62	-12.22	33.40	74.00	-40.60	peak
2	2788.000	43.84	-7.01	36.83	74.00	-37.17	peak
3	3490.000	44.33	-5.06	39.27	74.00	-34.73	peak
4	4546.000	41.33	-1.01	40.32	74.00	-33.68	peak
5	5776.000	46.22	1.95	48.17	74.00	-25.83	peak
6	6874.000	37.30	4.61	41.91	74.00	-32.09	peak

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

7-18GHz



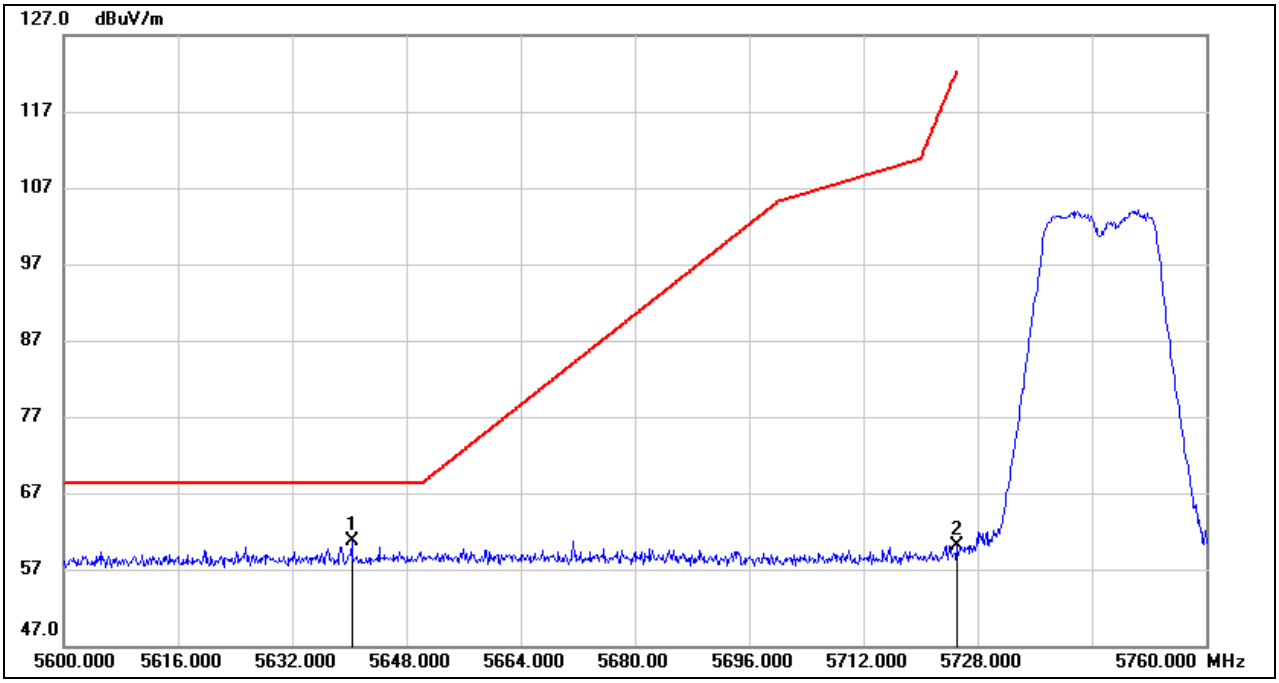
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7869.000	39.43	7.13	46.56	74.00	-27.44	peak
2	9849.000	39.09	9.88	48.97	74.00	-25.03	peak
3	11356.000	53.57	13.35	66.92	74.00	-7.08	peak
4	11356.000	40.03	13.35	53.38	54.00	-0.62	AVG
5	12643.000	35.67	15.20	50.87	74.00	-23.13	peak
6	14447.000	34.48	16.08	50.56	74.00	-23.44	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.1.4. UNII-3 BAND

RESTRICTED BANDEDGE LOW CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5640.320	19.13	41.48	60.61	68.20	-7.59	peak
2	5725.000	18.44	41.61	60.05	122.20	-62.15	peak

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

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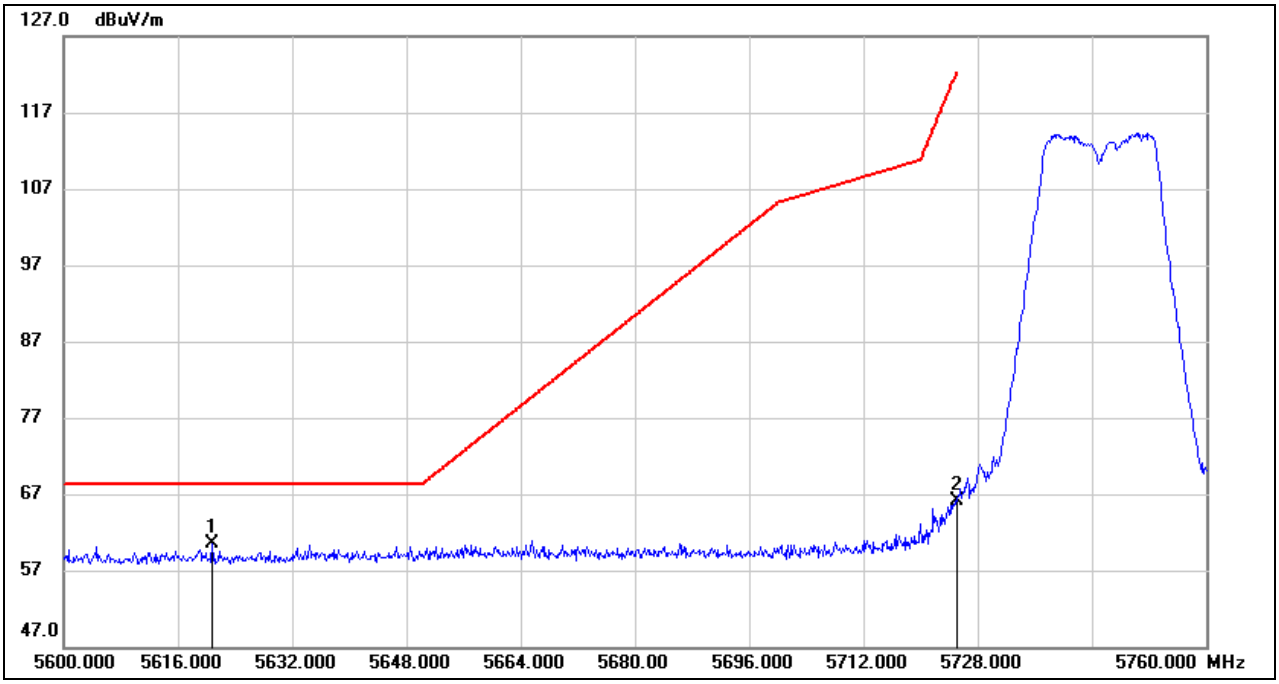
VERTICAL RESULTS
PEAK

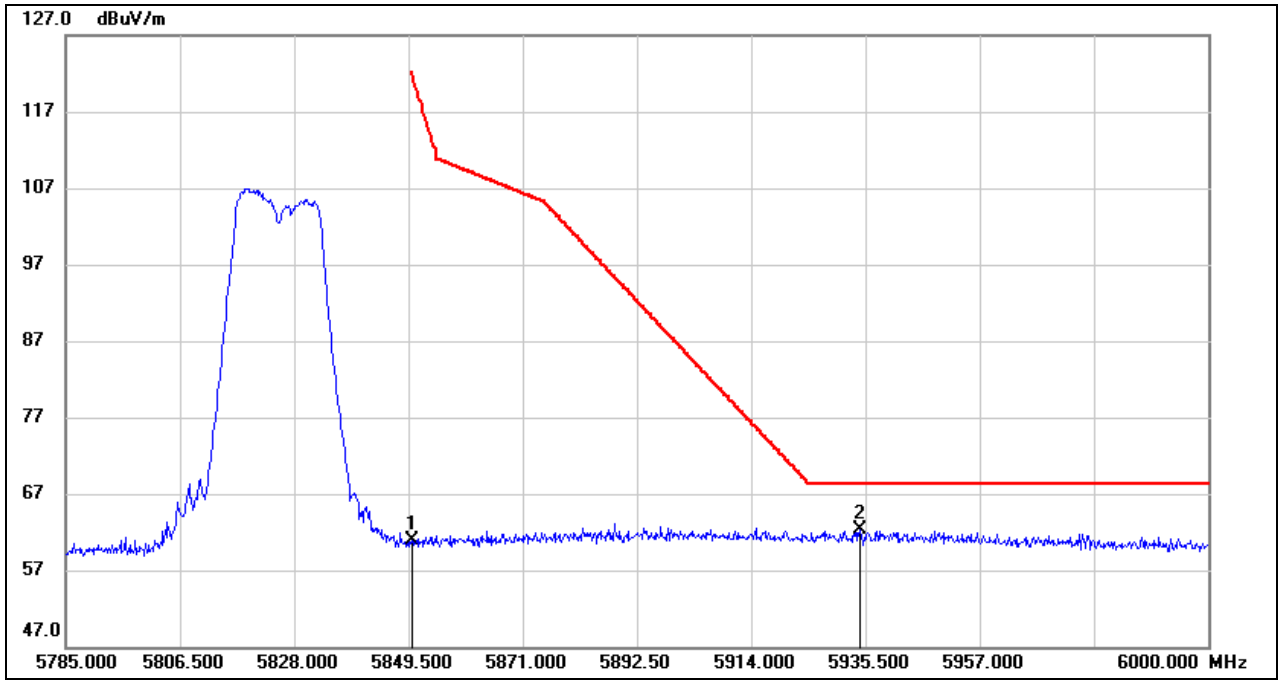


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.800	18.99	41.46	60.45	68.20	-7.75	peak
2	5725.000	24.57	41.61	66.18	122.20	-56.02	peak

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

RESTRICTED BANDEDGE HIGH CHANNEL

HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	17.96	42.89	60.85	122.20	-61.35	peak
2	5934.425	19.03	43.26	62.29	68.20	-5.91	peak

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

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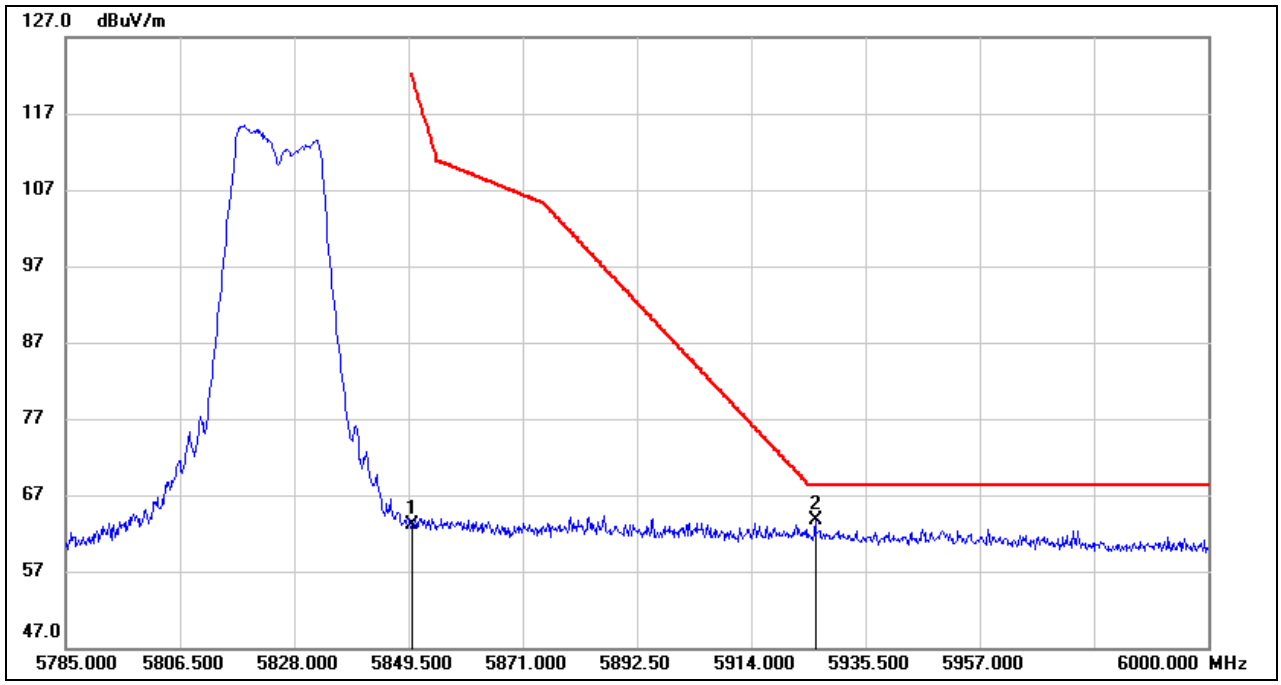
VERTICAL RESULTS
PEAK

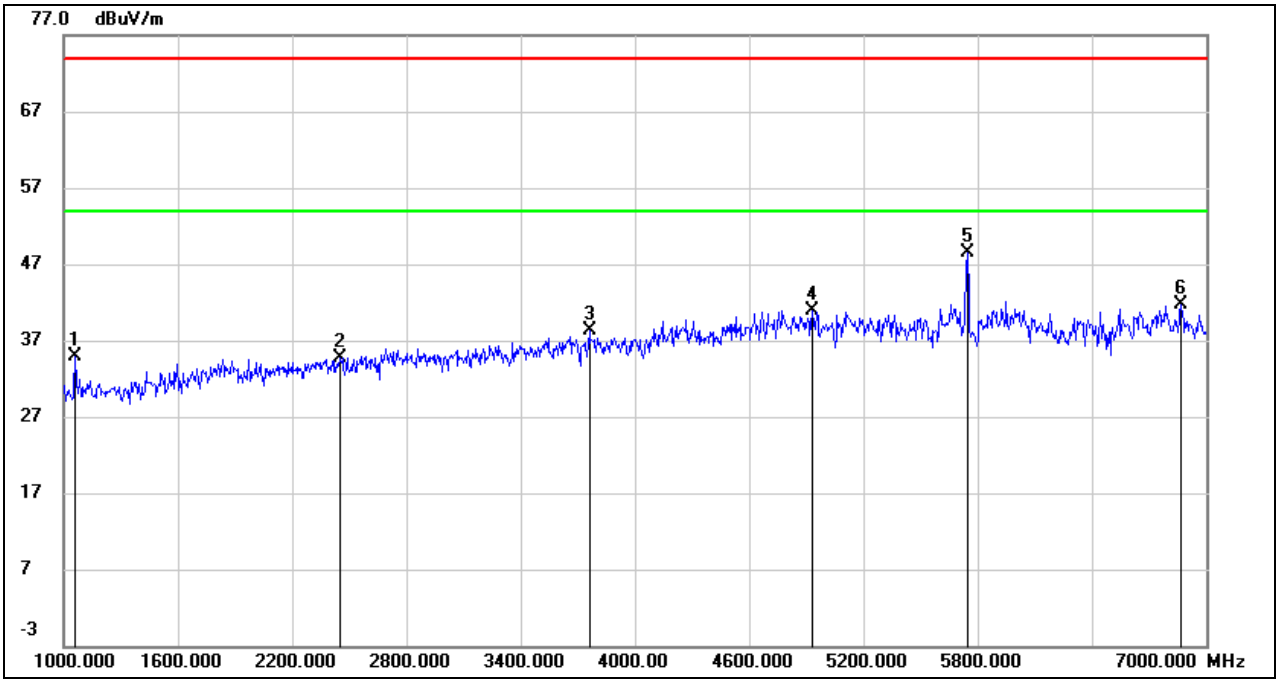


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	20.24	42.89	63.13	122.20	-59.07	peak
2	5926.040	20.21	43.40	63.61	68.20	-4.59	peak

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

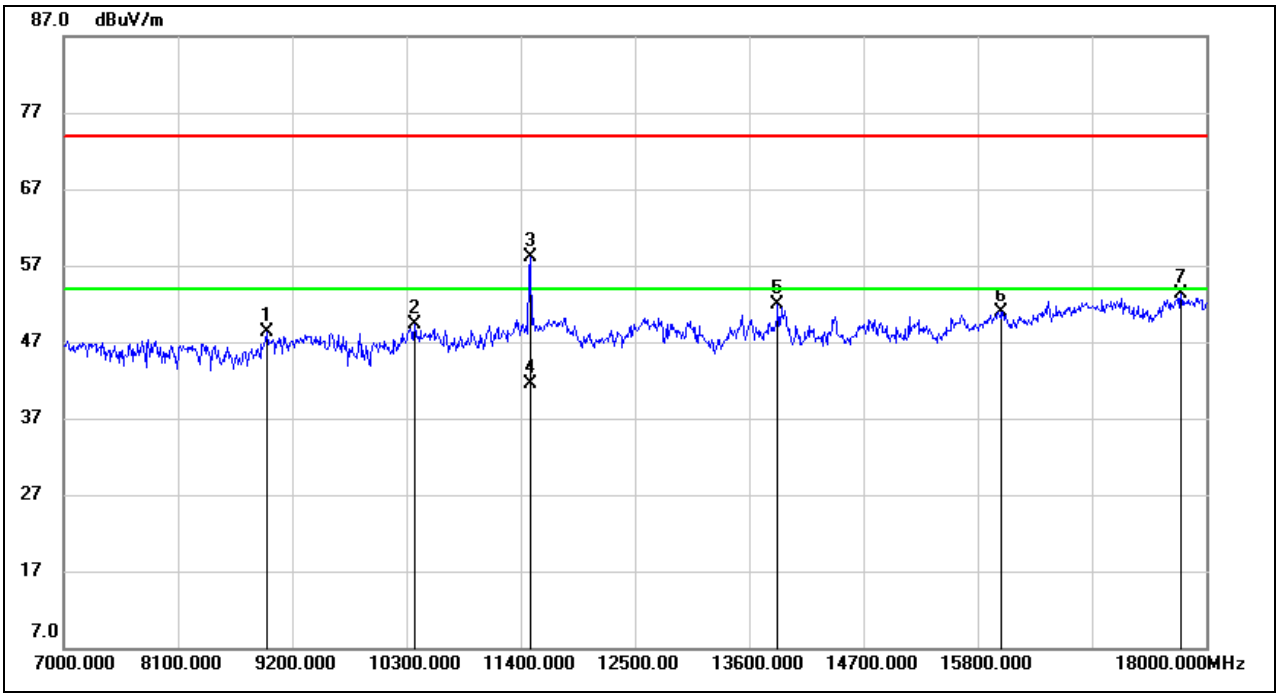
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	48.72	-13.76	34.96	74.00	-39.04	peak
2	2452.000	43.27	-8.55	34.72	74.00	-39.28	peak
3	3760.000	41.88	-3.66	38.22	74.00	-35.78	peak
4	4930.000	40.22	0.74	40.96	74.00	-33.04	peak
5	5746.000	46.45	1.97	48.42	74.00	-25.58	peak
6	6868.000	37.12	4.60	41.72	74.00	-32.28	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

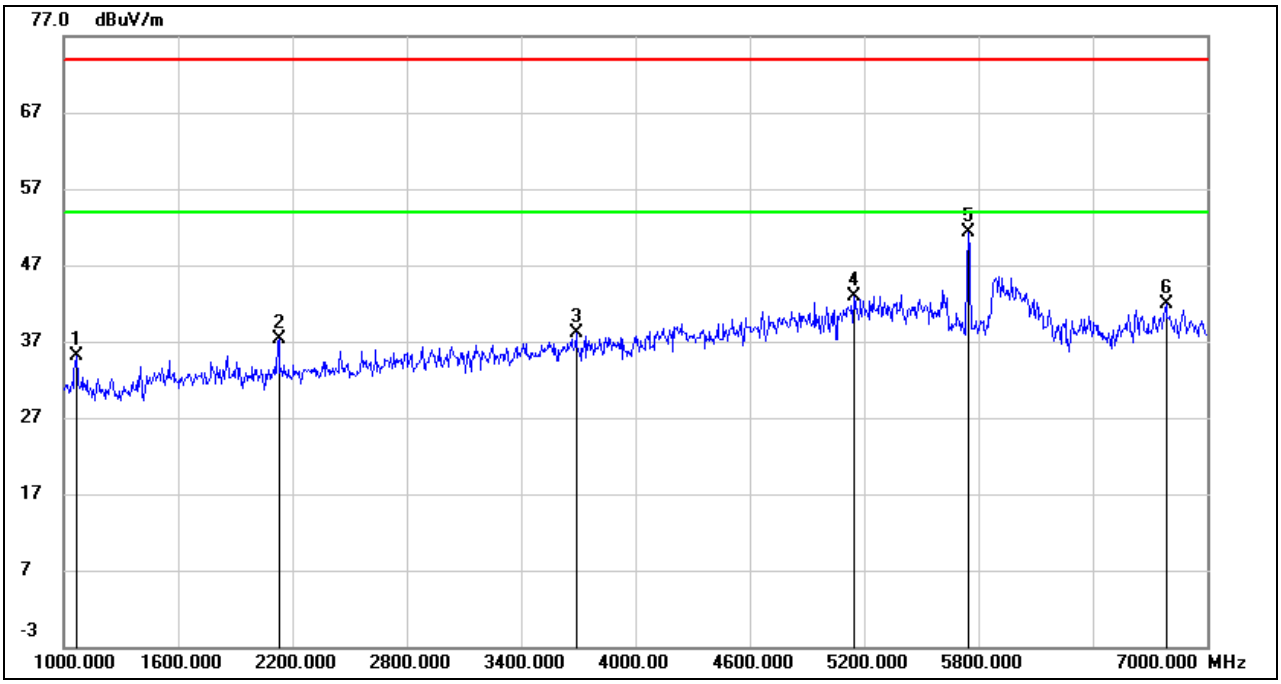
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.000	38.52	9.76	48.28	74.00	-25.72	peak
2	10377.000	38.29	11.02	49.31	74.00	-24.69	peak
3	11490.000	44.48	13.56	58.04	74.00	-15.96	peak
4	11490.000	27.87	13.56	41.43	54.00	-12.57	AVG
5	13875.000	35.67	16.33	52.00	74.00	-22.00	peak
6	16031.000	33.14	17.79	50.93	74.00	-23.07	peak
7	17758.000	30.19	23.19	53.38	74.00	-20.62	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

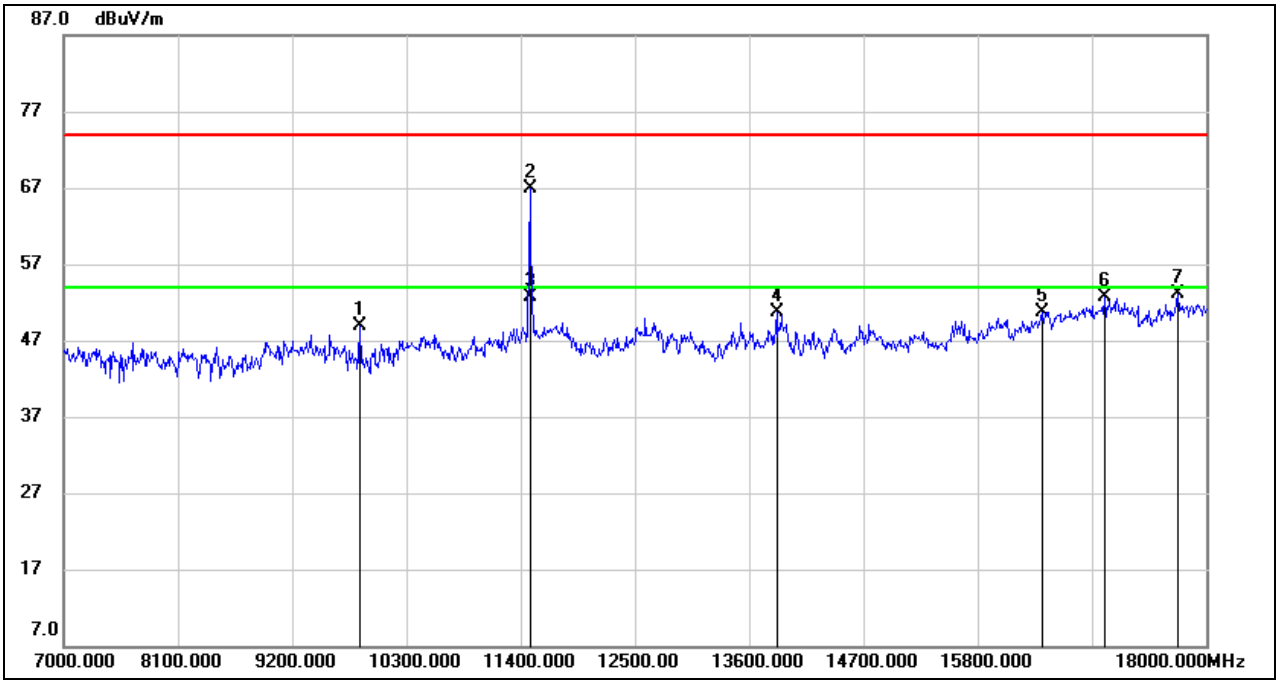
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	48.92	-13.73	35.19	74.00	-38.81	peak
2	2128.000	46.83	-9.56	37.27	74.00	-36.73	peak
3	3688.000	42.09	-4.02	38.07	74.00	-35.93	peak
4	5146.000	41.26	1.64	42.90	74.00	-31.10	peak
5	5746.000	49.42	1.97	51.39	74.00	-22.61	peak
6	6784.000	37.42	4.44	41.86	74.00	-32.14	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz

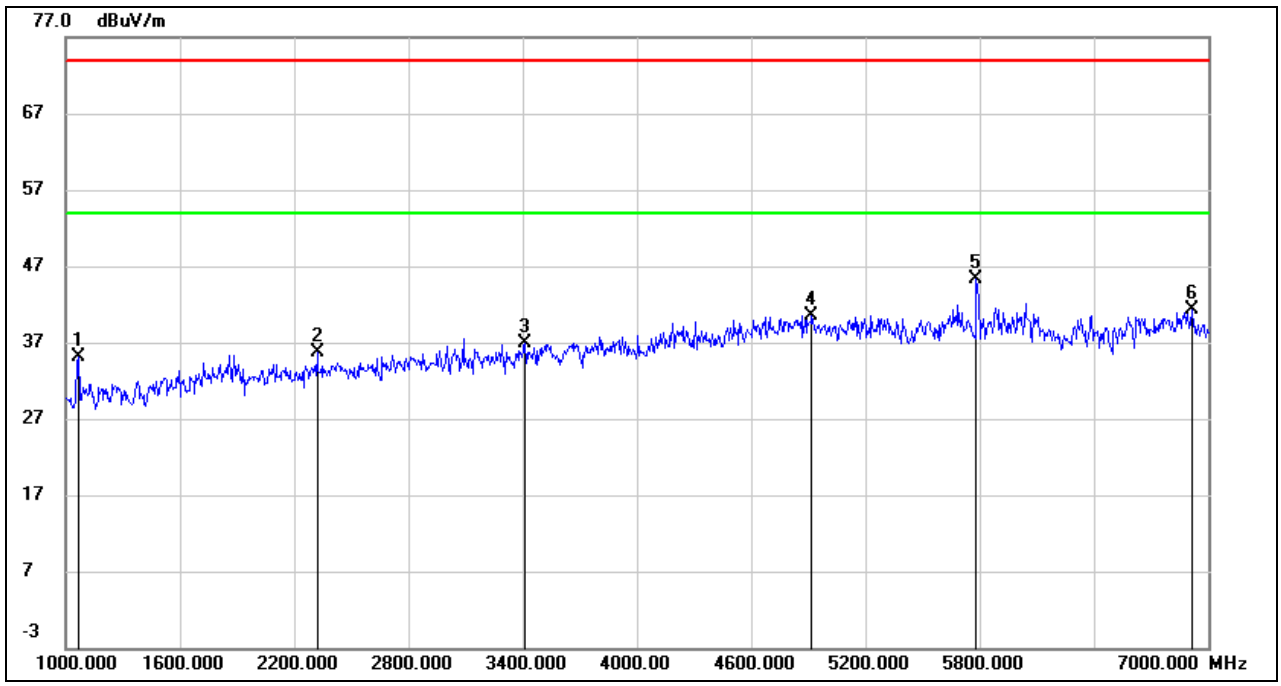


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	38.96	9.88	48.84	74.00	-25.16	peak
2	11490.098	53.44	13.56	67.00	74.00	-7.00	peak
3	11490.098	39.14	13.56	52.70	54.00	-1.30	AVG
4	13864.000	34.45	16.33	50.78	74.00	-23.22	peak
5	16416.000	31.70	19.03	50.73	74.00	-23.27	peak
6	17021.000	32.04	20.60	52.64	74.00	-21.36	peak
7	17725.000	30.08	22.94	53.02	74.00	-20.98	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

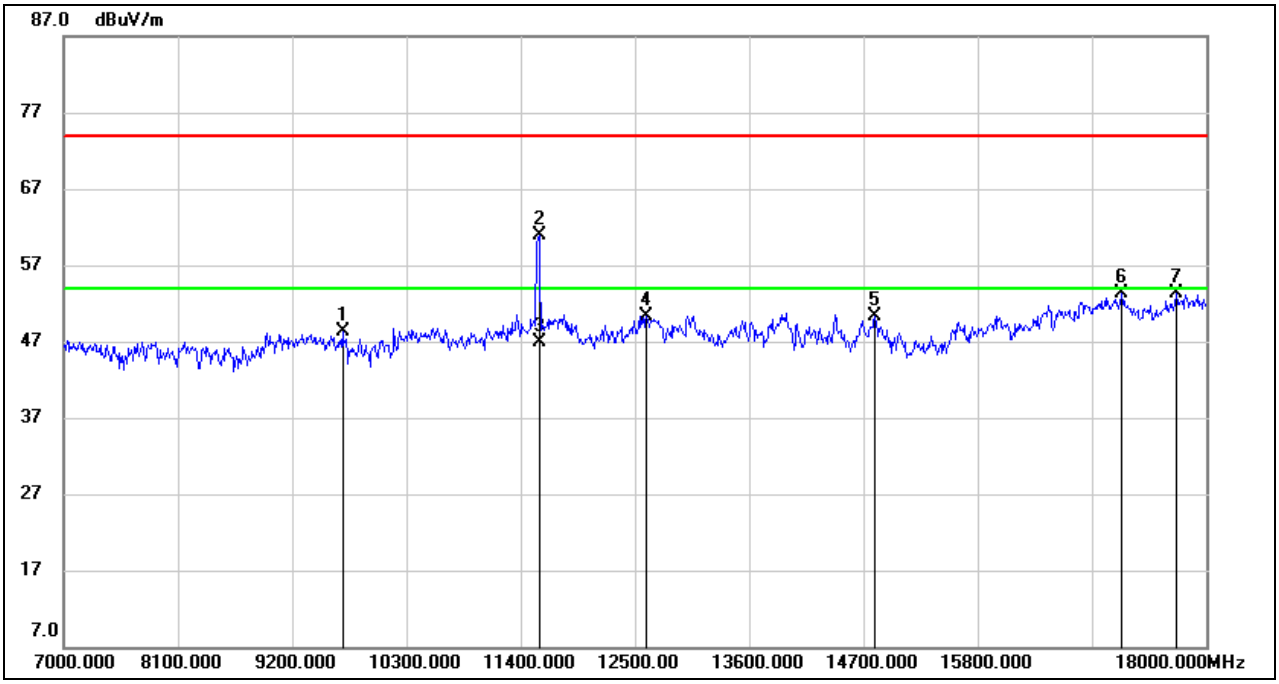
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1066.000	48.83	-13.73	35.10	74.00	-38.90	peak
2	2320.000	44.54	-8.84	35.70	74.00	-38.30	peak
3	3412.000	42.37	-5.39	36.98	74.00	-37.02	peak
4	4918.000	39.83	0.71	40.54	74.00	-33.46	peak
5	5782.000	43.36	1.95	45.31	74.00	-28.69	peak
6	6916.000	36.66	4.71	41.37	74.00	-32.63	peak

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

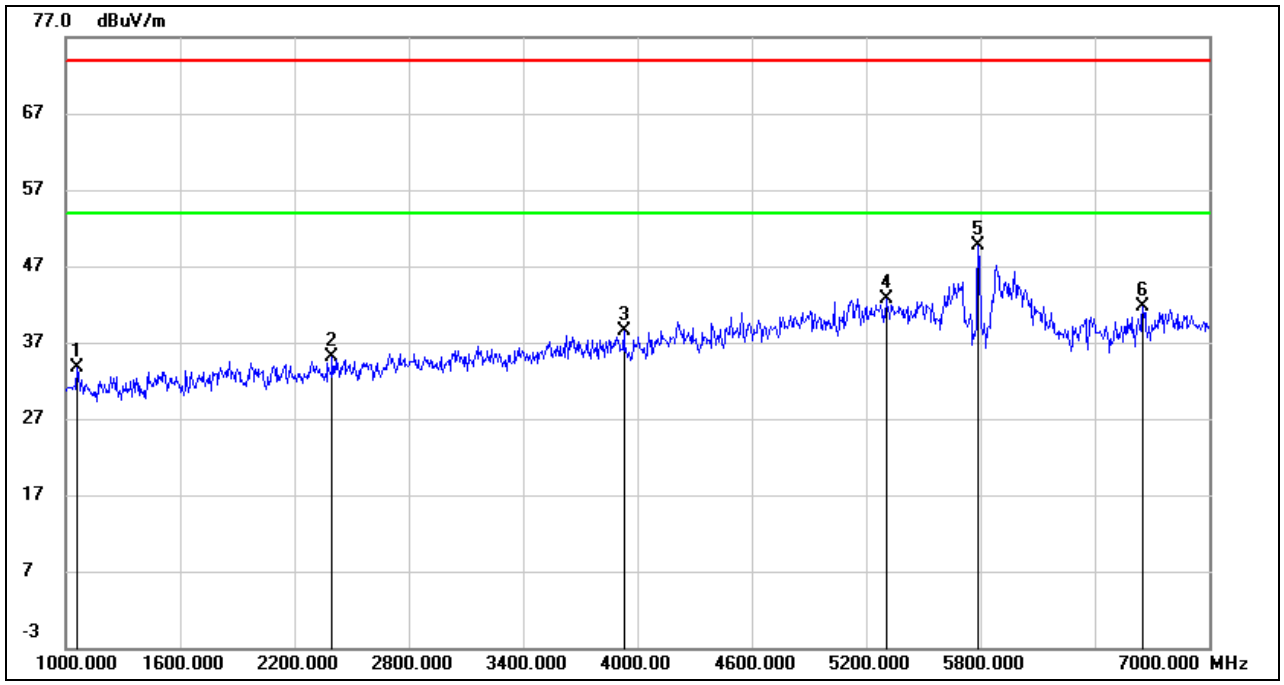
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9684.000	38.05	10.24	48.29	74.00	-25.71	peak
2	11570.000	47.17	13.68	60.85	74.00	-13.15	peak
3	11570.000	33.21	13.68	46.89	54.00	-7.11	AVG
4	12610.000	35.13	15.17	50.30	74.00	-23.70	peak
5	14810.000	34.20	16.03	50.23	74.00	-23.77	peak
6	17186.000	31.74	21.60	53.34	74.00	-20.66	peak
7	17714.000	30.55	22.85	53.40	74.00	-20.60	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

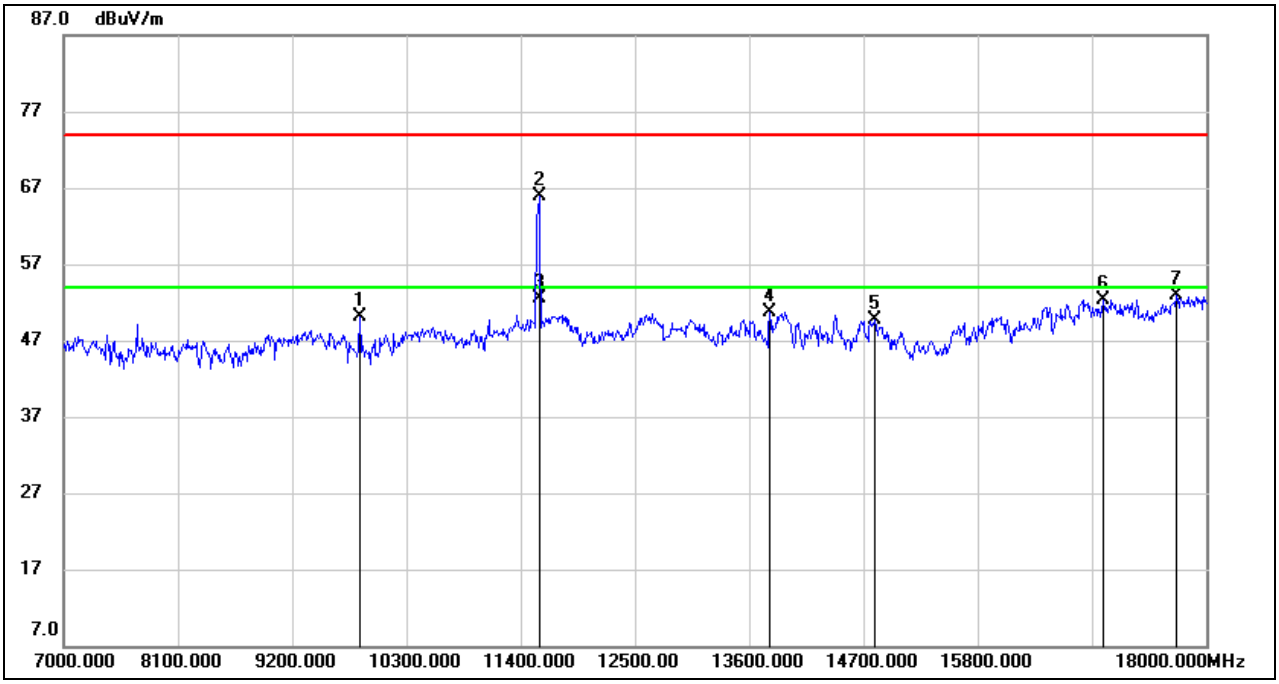
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	47.38	-13.76	33.62	74.00	-40.38	peak
2	2398.000	43.70	-8.62	35.08	74.00	-38.92	peak
3	3928.000	42.16	-3.63	38.53	74.00	-35.47	peak
4	5308.000	41.03	1.73	42.76	74.00	-31.24	peak
5	5788.000	47.82	1.95	49.77	74.00	-24.23	peak
6	6652.000	37.26	4.47	41.73	74.00	-32.27	peak

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

7-18GHz

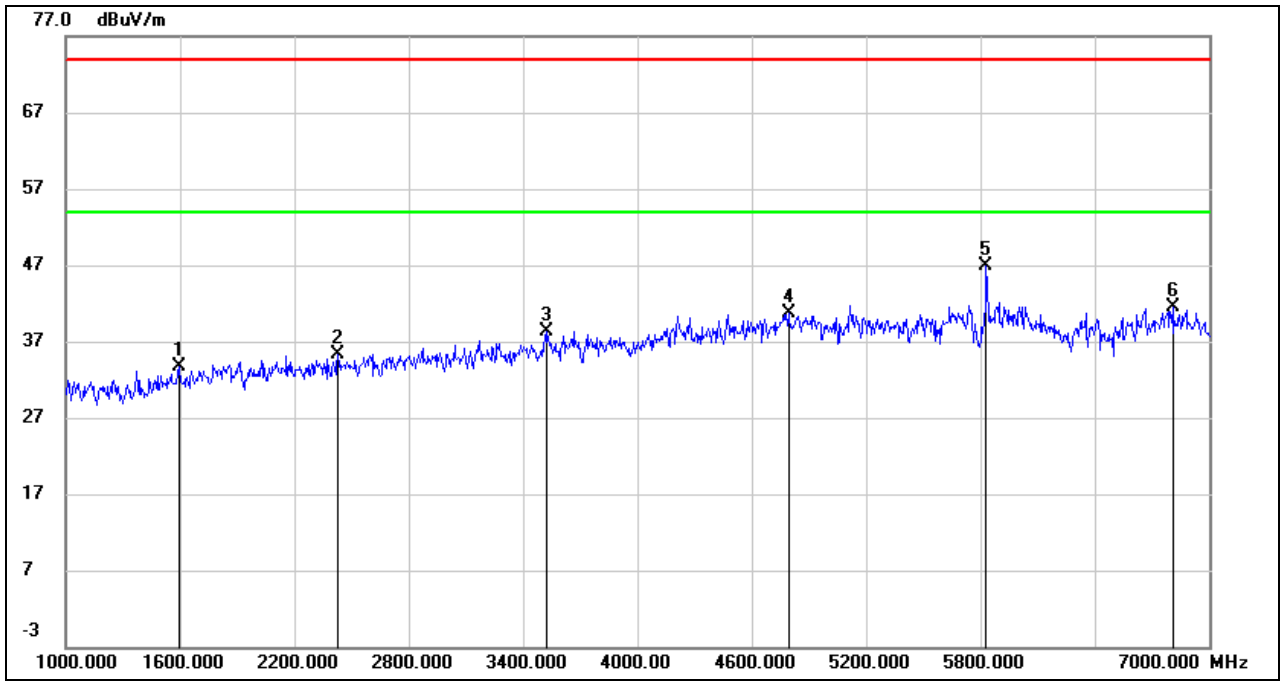


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	40.23	9.88	50.11	74.00	-23.89	peak
2	11571.904	52.17	13.68	65.85	74.00	-8.15	peak
3	11571.904	38.80	13.68	52.48	54.00	-1.52	AVG
4	13798.000	34.28	16.44	50.72	74.00	-23.28	peak
5	14810.000	33.69	16.03	49.72	74.00	-24.28	peak
6	17010.000	31.77	20.54	52.31	74.00	-21.69	peak
7	17714.000	29.96	22.85	52.81	74.00	-21.19	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

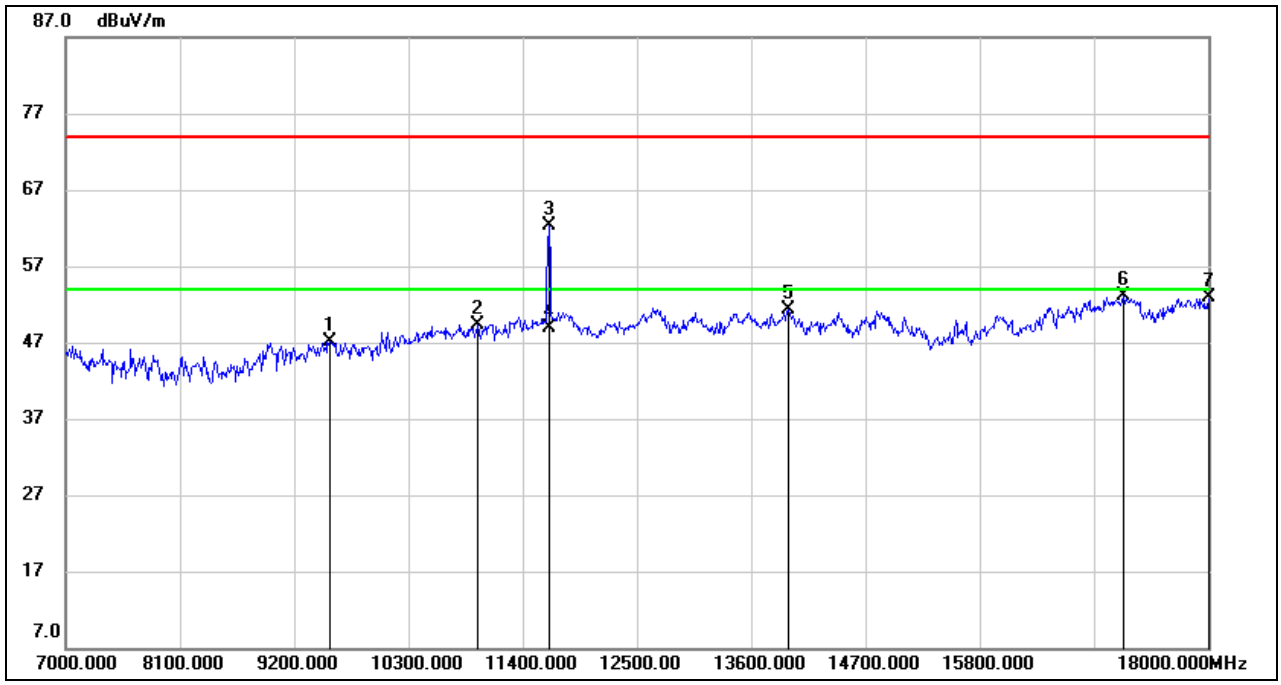
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1594.000	45.30	-11.66	33.64	74.00	-40.36	peak
2	2428.000	43.93	-8.58	35.35	74.00	-38.65	peak
3	3526.000	43.26	-4.87	38.39	74.00	-35.61	peak
4	4792.000	40.24	0.47	40.71	74.00	-33.29	peak
5	5830.000	44.89	2.05	46.94	74.00	-27.06	peak
6	6808.000	37.07	4.45	41.52	74.00	-32.48	peak

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

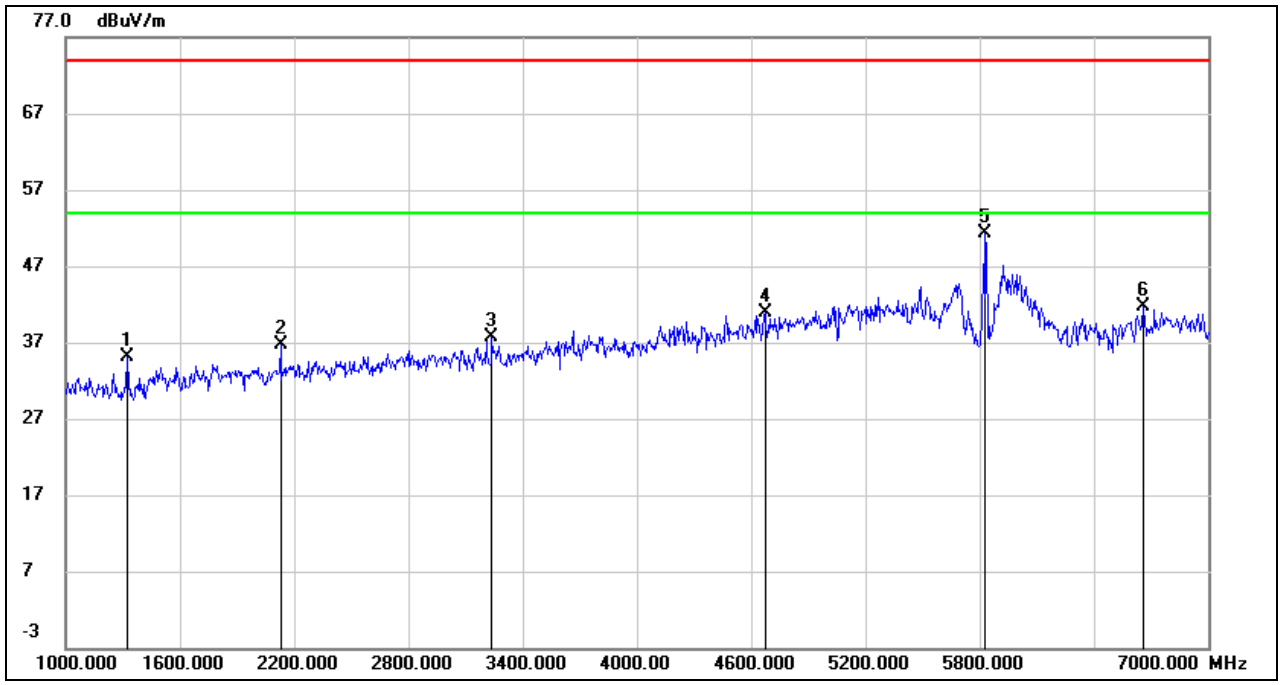
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9541.000	36.64	10.41	47.05	74.00	-26.95	peak
2	10971.000	36.67	12.56	49.23	74.00	-24.77	peak
3	11650.253	48.42	13.93	62.35	74.00	-11.65	peak
4	11650.253	35.01	13.93	48.94	54.00	-5.06	AVG
5	13952.000	35.19	16.19	51.38	74.00	-22.62	peak
6	17186.000	31.44	21.60	53.04	74.00	-20.96	peak
7	18000.000	29.17	23.69	52.86	74.00	-21.14	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

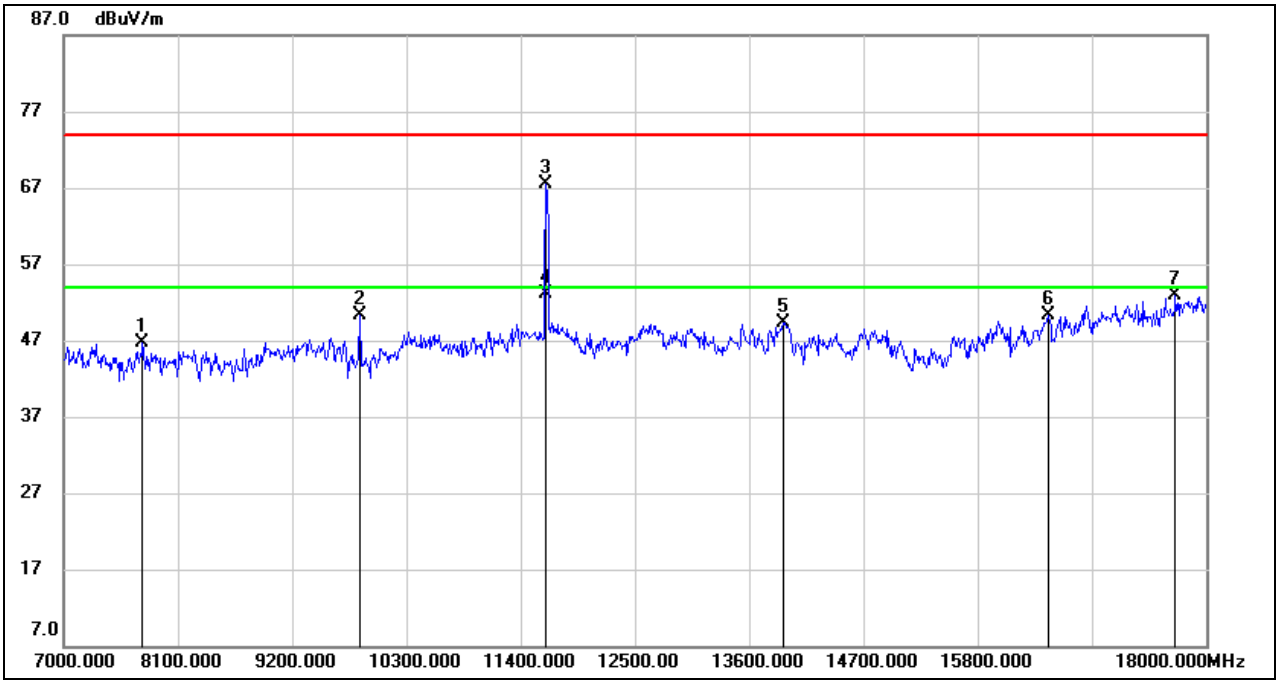
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1324.000	47.90	-12.89	35.01	74.00	-38.99	peak
2	2128.000	46.26	-9.56	36.70	74.00	-37.30	peak
3	3238.000	43.39	-5.62	37.77	74.00	-36.23	peak
4	4672.000	41.13	-0.22	40.91	74.00	-33.09	peak
5	5830.000	49.29	2.05	51.34	74.00	-22.66	peak
6	6658.000	37.22	4.46	41.68	74.00	-32.32	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7759.000	39.43	7.28	46.71	74.00	-27.29	peak
2	9849.000	40.45	9.88	50.33	74.00	-23.67	peak
3	11650.000	53.51	13.92	67.43	74.00	-6.57	peak
4	11650.000	39.25	13.92	53.17	54.00	-0.83	AVG
5	13930.000	33.11	16.24	49.35	74.00	-24.65	peak
6	16482.000	30.90	19.36	50.26	74.00	-23.74	peak
7	17703.000	30.20	22.77	52.97	74.00	-21.03	peak

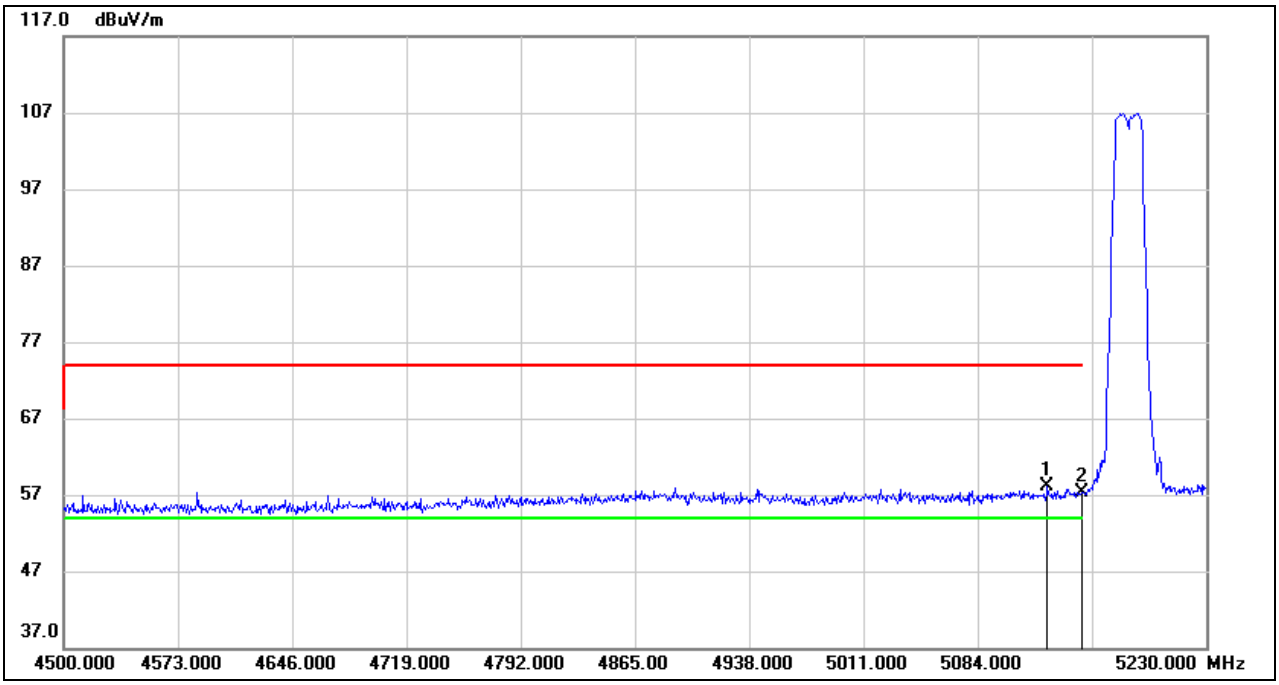
Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.2. 802.11n HT20 MIMO MODE

8.2.1. UNII-1 BAND

RESTRICTED BANDEDGE LOW CHANNEL

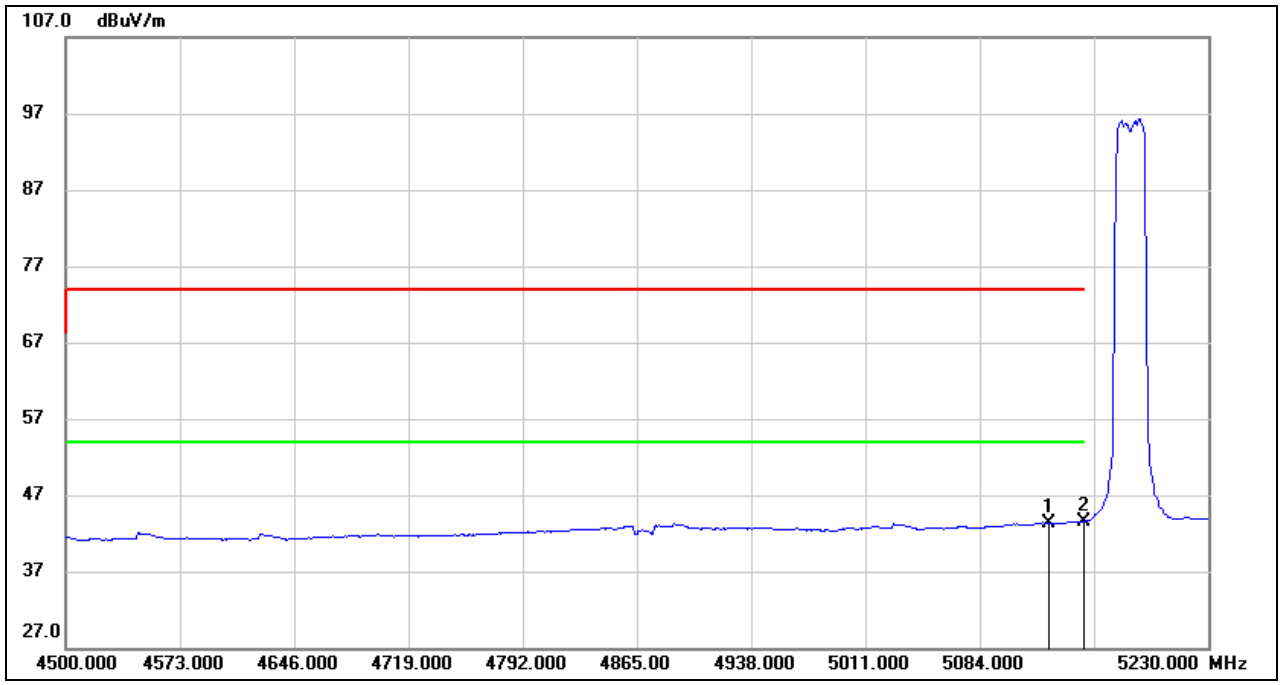
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.530	17.71	40.34	58.05	74.00	-15.95	peak
2	5150.000	16.82	40.46	57.28	74.00	-16.72	peak

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

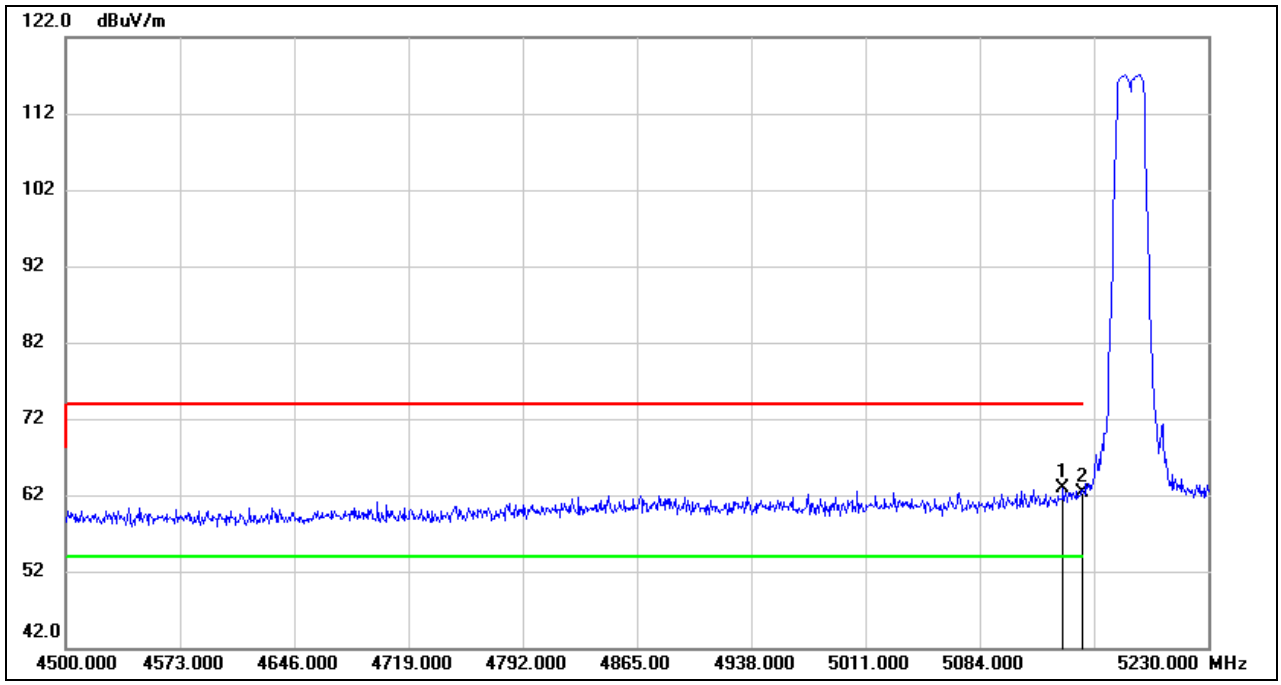
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.530	2.93	40.34	43.27	54.00	-10.73	AVG
2	5150.000	3.11	40.46	43.57	54.00	-10.43	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

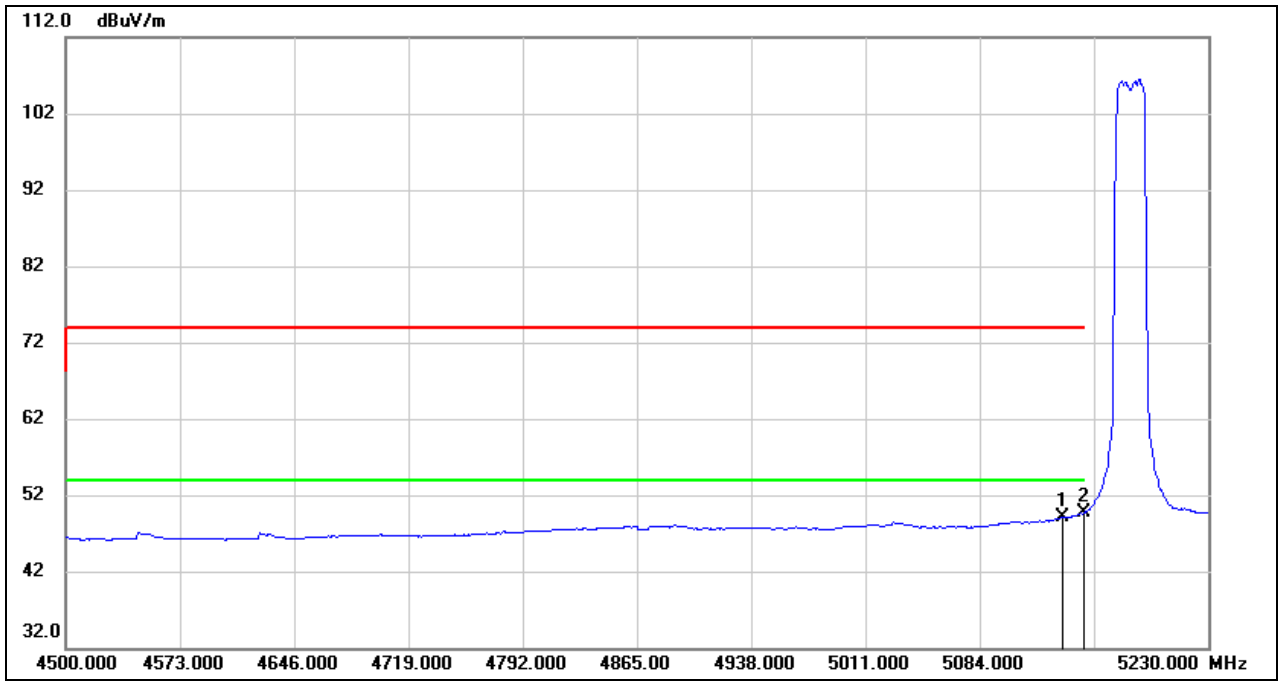
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5137.290	22.44	40.39	62.83	74.00	-11.17	peak
2	5150.000	21.91	40.46	62.37	74.00	-11.63	peak

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

AVG

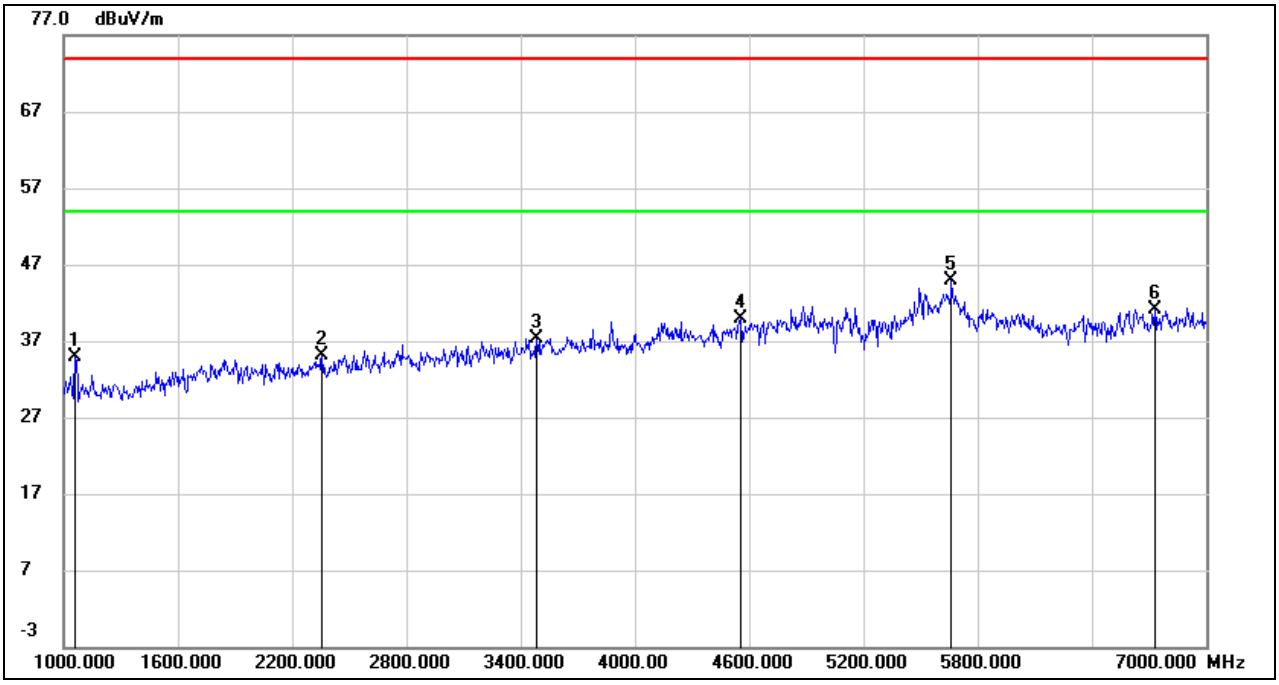


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5137.290	8.67	40.39	49.06	54.00	-4.94	AVG
2	5150.000	9.23	40.46	49.69	54.00	-4.31	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

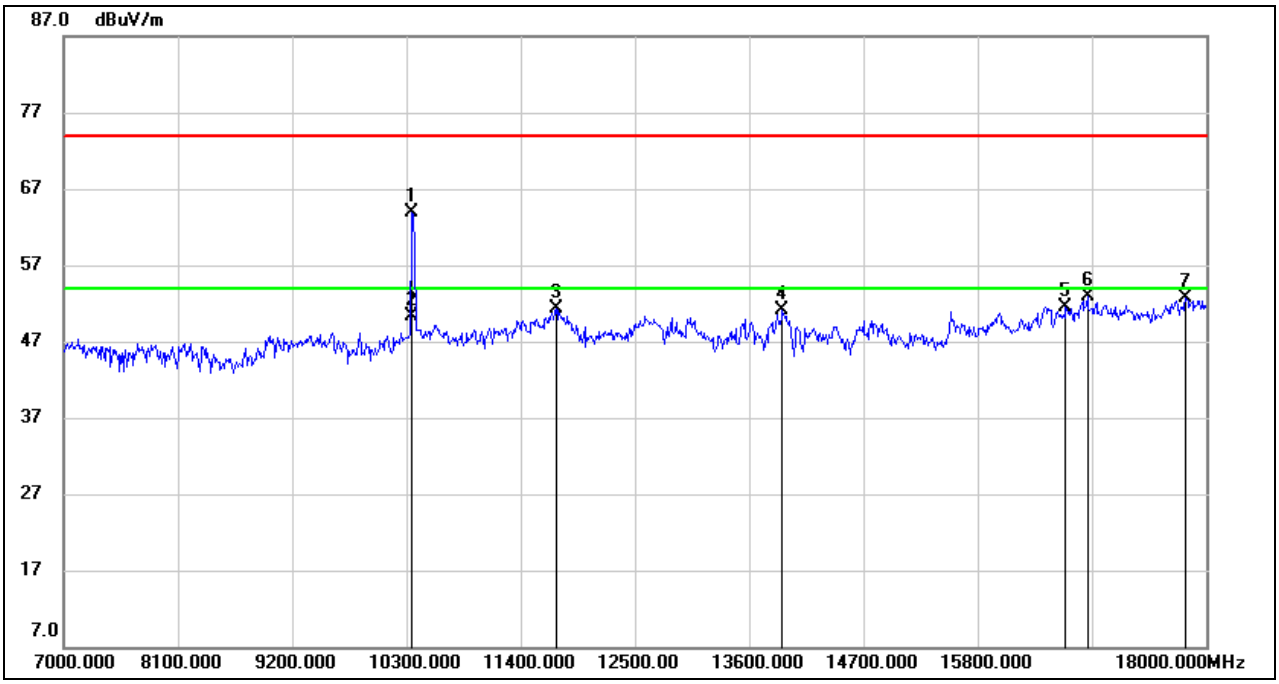
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	48.58	-13.76	34.82	74.00	-39.18	peak
2	2356.000	43.89	-8.74	35.15	74.00	-38.85	peak
3	3484.000	42.34	-5.08	37.26	74.00	-36.74	peak
4	4558.000	40.88	-0.93	39.95	74.00	-34.05	peak
5	5662.000	42.98	1.99	44.97	74.00	-29.03	peak
6	6730.000	36.70	4.45	41.15	74.00	-32.85	peak

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

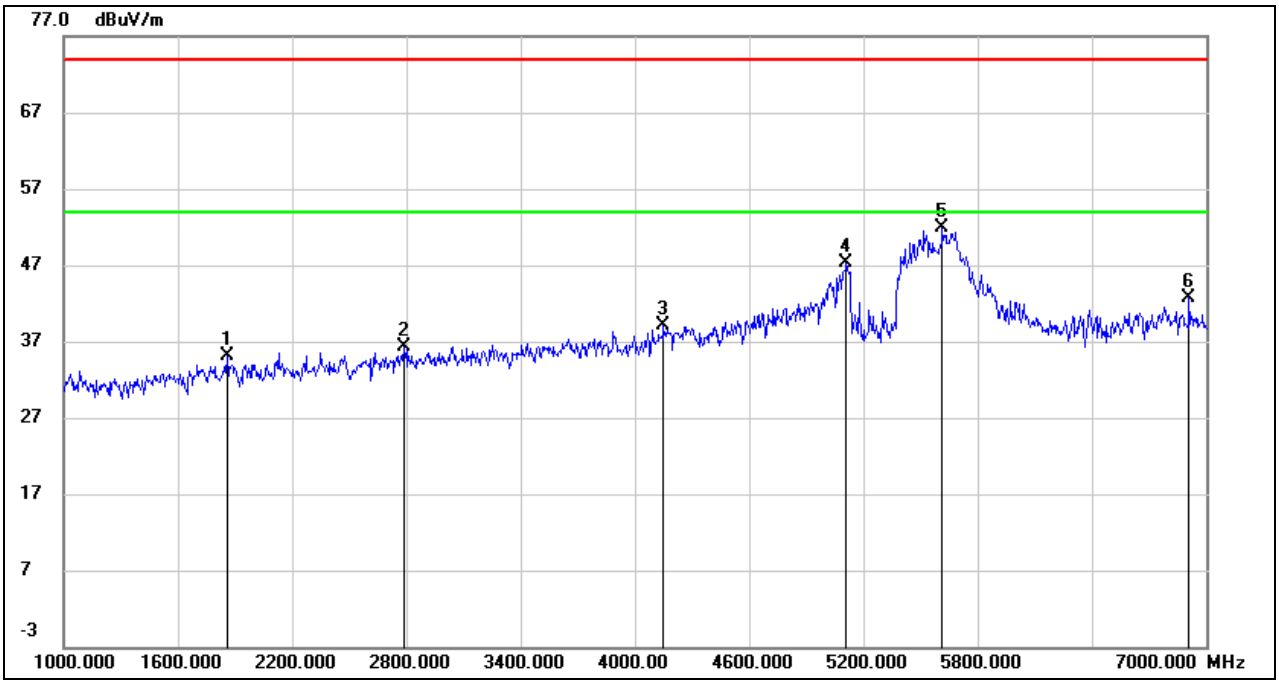
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.700	53.00	10.97	63.97	74.00	-10.03	peak
2	10359.700	39.34	10.97	50.31	54.00	-3.69	AVG
3	11741.000	36.92	14.29	51.21	74.00	-22.79	peak
4	13919.000	34.82	16.24	51.06	74.00	-22.94	peak
5	16647.000	31.55	19.97	51.52	74.00	-22.48	peak
6	16856.000	32.60	20.21	52.81	74.00	-21.19	peak
7	17802.000	29.15	23.49	52.64	74.00	-21.36	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

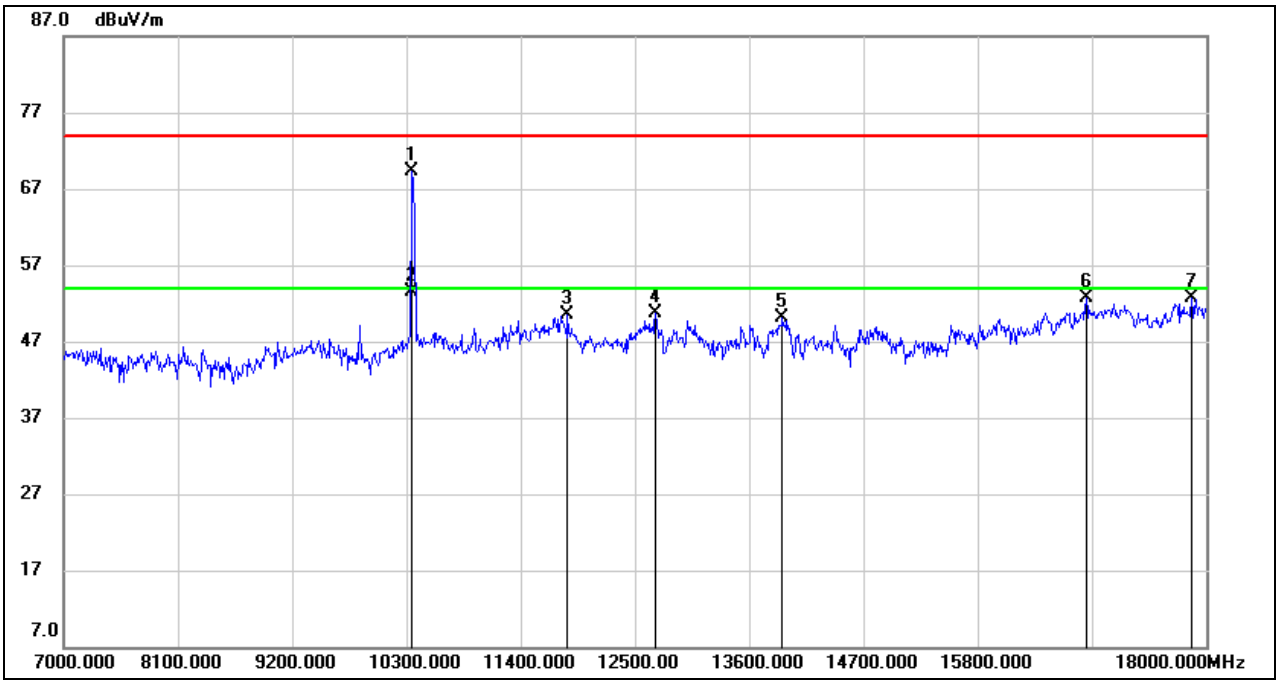
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1858.000	45.20	-10.14	35.06	74.00	-38.94	peak
2	2788.000	43.28	-7.01	36.27	74.00	-37.73	peak
3	4150.000	41.43	-2.27	39.16	74.00	-34.84	peak
4	5110.000	45.97	1.43	47.40	74.00	-26.60	peak
5	5614.000	49.86	2.02	51.88	74.00	-22.12	peak
6	6910.000	37.93	4.69	42.62	74.00	-31.38	peak

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

7-18GHz

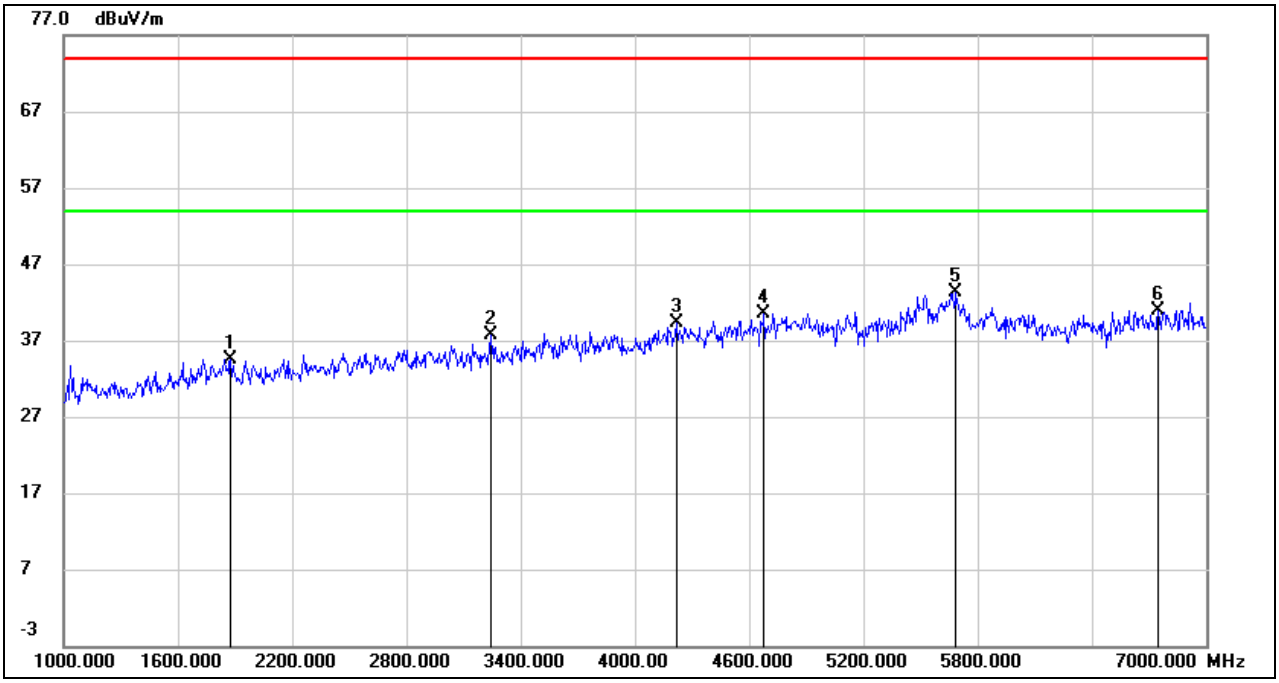


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10359.700	58.27	10.97	69.24	74.00	-4.76	peak
2	10359.700	42.54	10.97	53.51	54.00	-0.49	AVG
3	11851.000	36.01	14.45	50.46	74.00	-23.54	peak
4	12698.000	35.41	15.25	50.66	74.00	-23.34	peak
5	13919.000	33.81	16.24	50.05	74.00	-23.95	peak
6	16845.000	32.58	20.20	52.78	74.00	-21.22	peak
7	17857.000	29.10	23.55	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

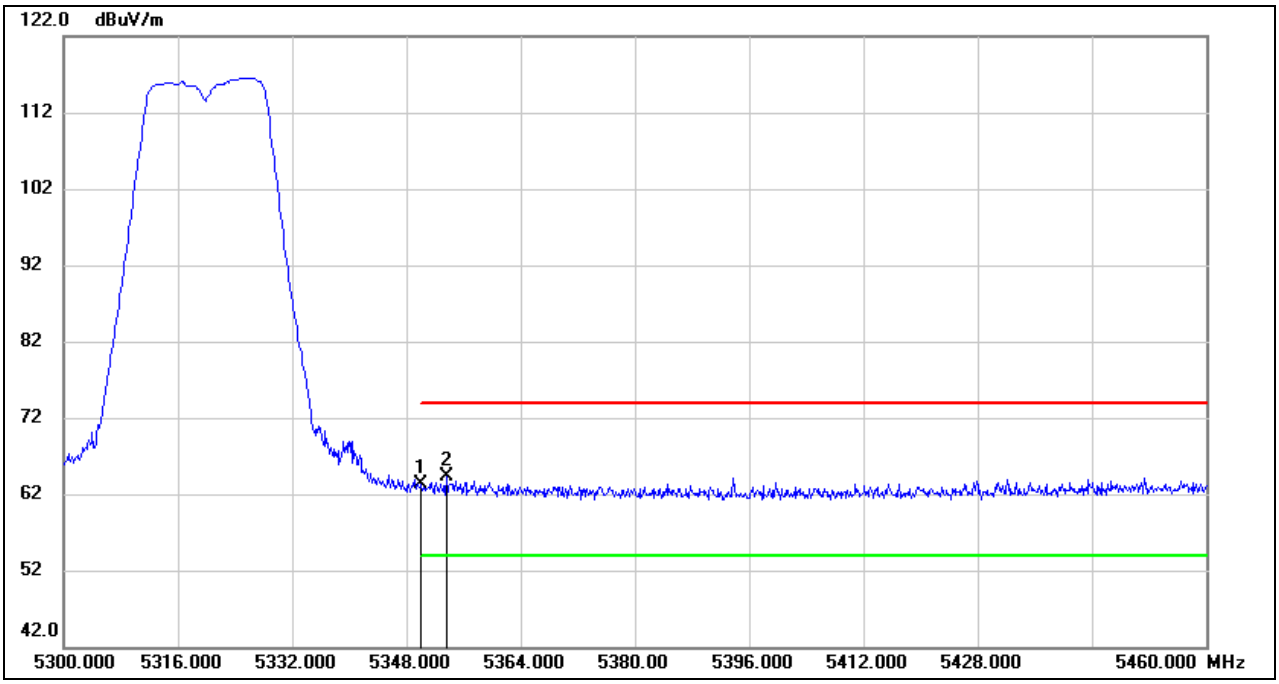
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1876.000	44.76	-10.16	34.60	74.00	-39.40	peak
2	3244.000	43.22	-5.61	37.61	74.00	-36.39	peak
3	4216.000	41.12	-1.80	39.32	74.00	-34.68	peak
4	4678.000	40.77	-0.19	40.58	74.00	-33.42	peak
5	5686.000	41.25	1.98	43.23	74.00	-30.77	peak
6	6748.000	36.54	4.45	40.99	74.00	-33.01	peak

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

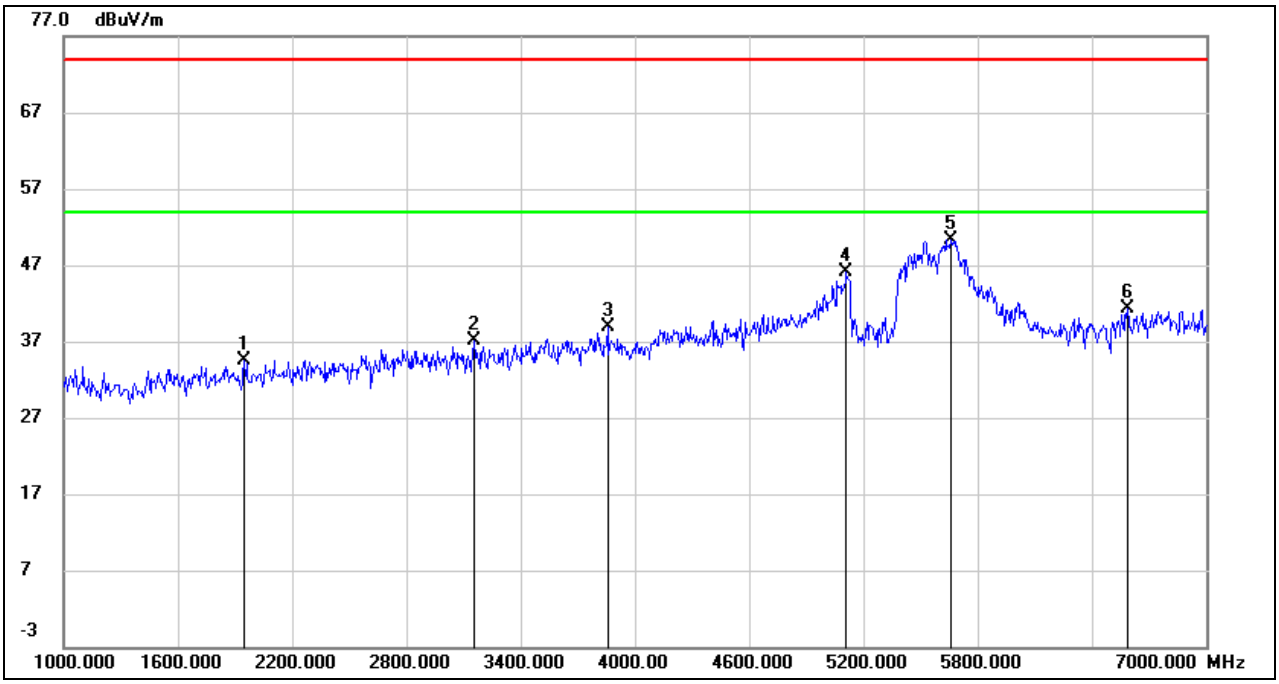
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	22.69	40.64	63.33	74.00	-10.67	peak
2	5353.600	23.57	40.63	64.20	74.00	-9.80	peak

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

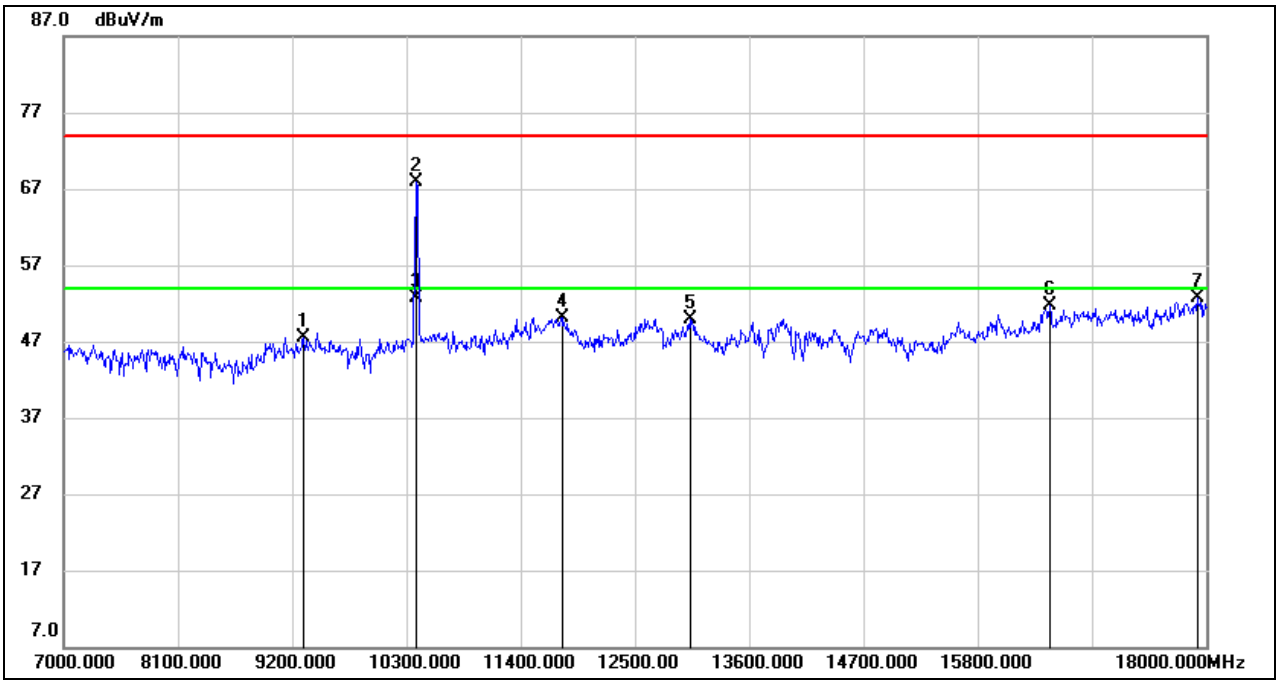
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1948.000	44.63	-10.21	34.42	74.00	-39.58	peak
2	3154.000	42.89	-5.76	37.13	74.00	-36.87	peak
3	3856.000	42.36	-3.54	38.82	74.00	-35.18	peak
4	5110.000	44.62	1.43	46.05	74.00	-27.95	peak
5	5656.000	48.30	2.00	50.30	74.00	-23.70	peak
6	6586.000	36.93	4.40	41.33	74.00	-32.67	peak

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

7-18GHz

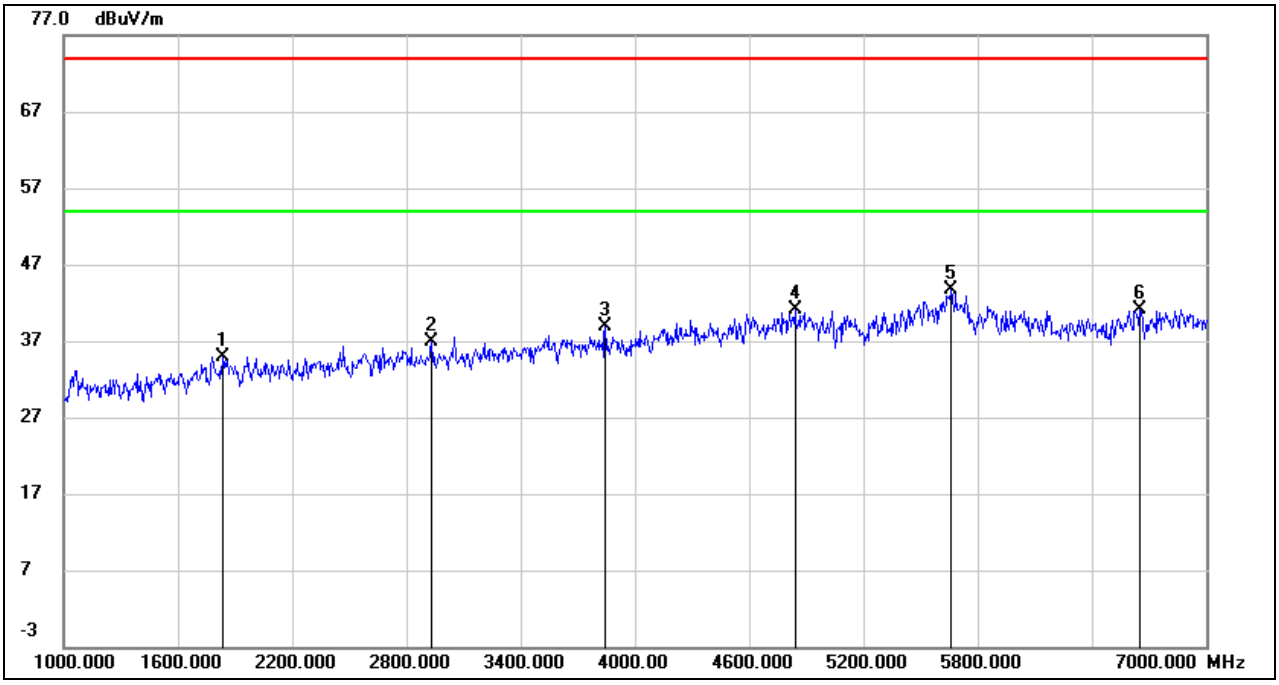


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9310.000	38.01	9.58	47.59	74.00	-26.41	peak
2	10399.740	56.80	11.11	67.91	74.00	-6.09	peak
3	10399.740	41.67	11.11	52.78	54.00	-1.22	AVG
4	11796.000	35.59	14.52	50.11	74.00	-23.89	peak
5	13028.000	34.37	15.57	49.94	74.00	-24.06	peak
6	16493.000	32.37	19.42	51.79	74.00	-22.21	peak
7	17912.000	29.08	23.61	52.69	74.00	-21.31	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

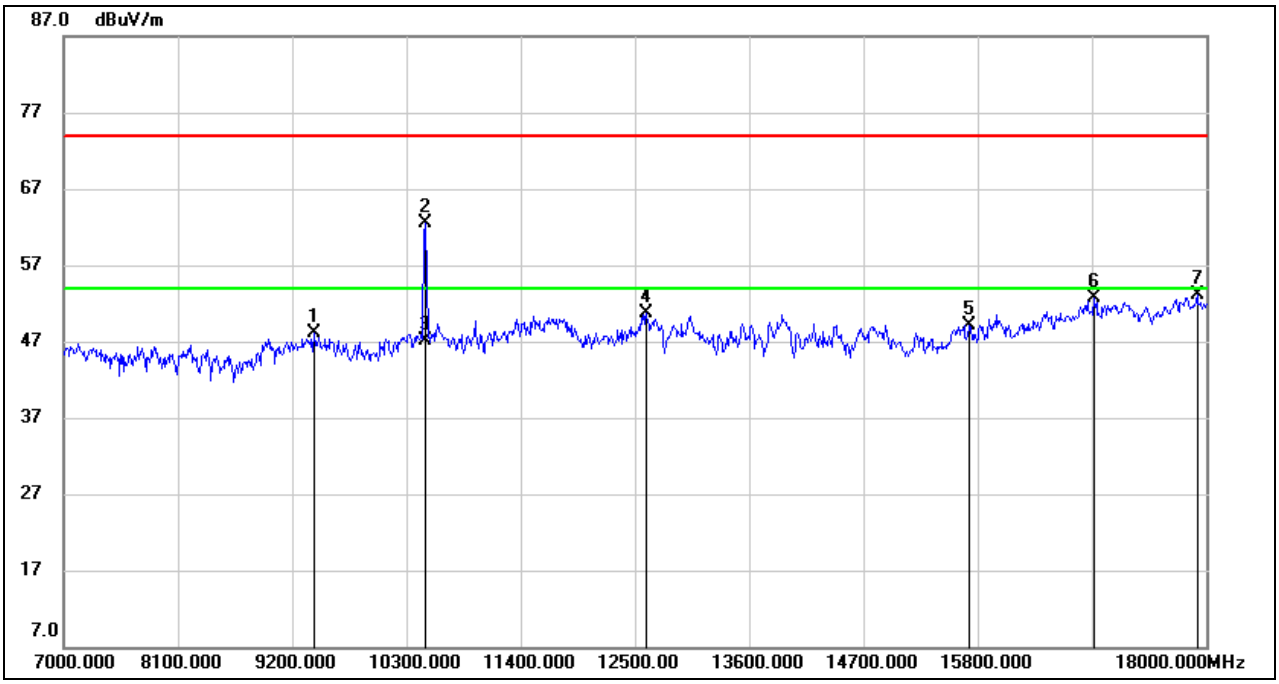
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1834.000	45.06	-10.13	34.93	74.00	-39.07	peak
2	2932.000	43.28	-6.37	36.91	74.00	-37.09	peak
3	3844.000	42.36	-3.51	38.85	74.00	-35.15	peak
4	4840.000	40.46	0.59	41.05	74.00	-32.95	peak
5	5662.000	41.62	1.99	43.61	74.00	-30.39	peak
6	6652.000	36.70	4.47	41.17	74.00	-32.83	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

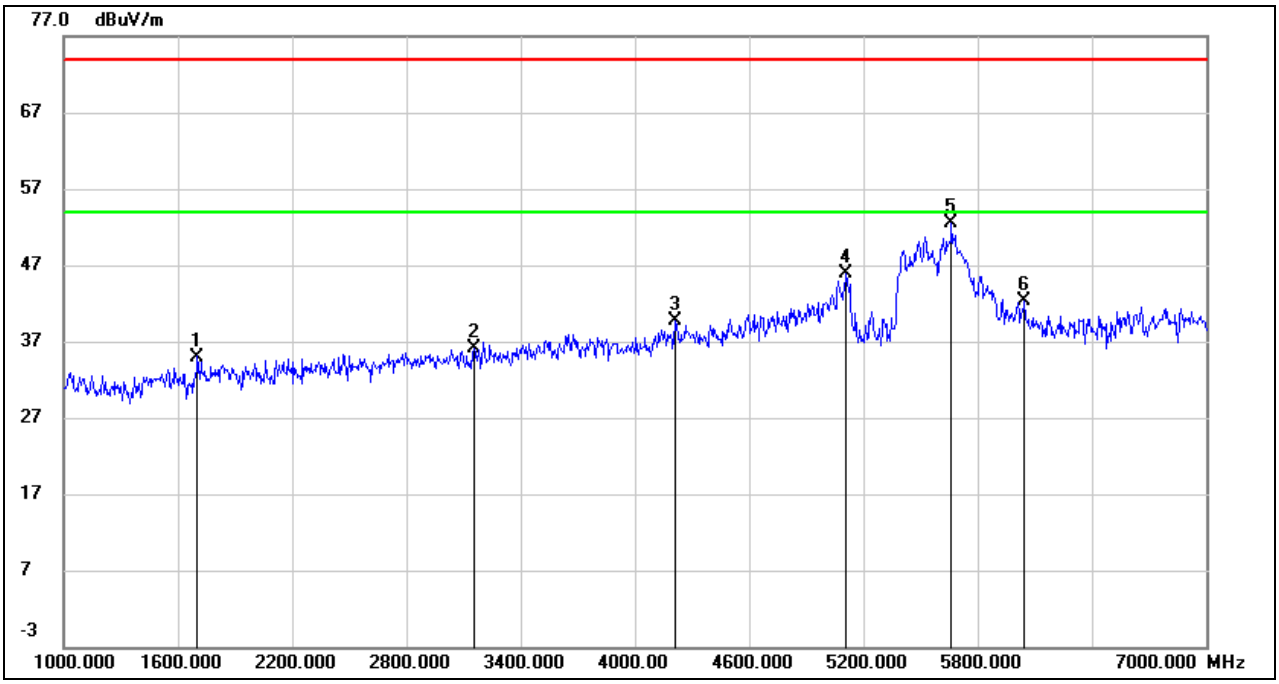
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9409.000	38.02	10.04	48.06	74.00	-25.94	peak
2	10479.950	50.97	11.45	62.42	74.00	-11.58	peak
3	10479.950	35.62	11.45	47.07	54.00	-6.93	AVG
4	12610.000	35.50	15.17	50.67	74.00	-23.33	peak
5	15712.000	32.34	16.82	49.16	74.00	-24.84	peak
6	16922.000	32.38	20.33	52.71	74.00	-21.29	peak
7	17912.000	29.50	23.61	53.11	74.00	-20.89	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

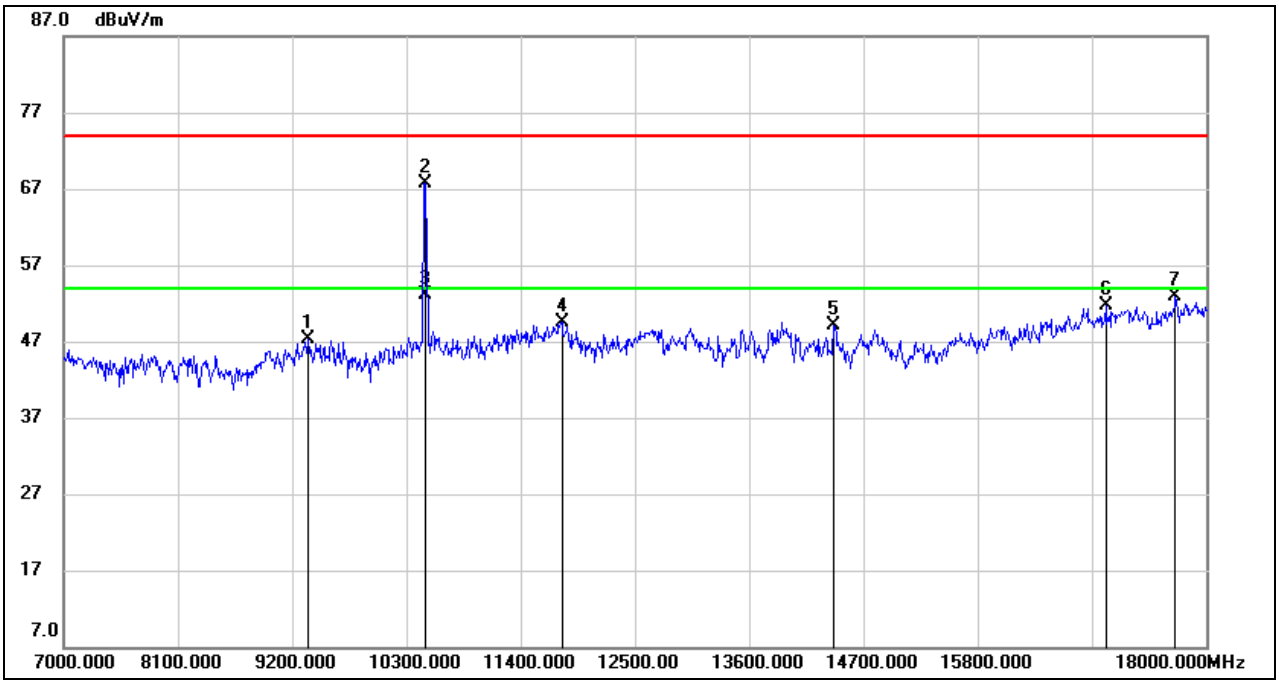
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1702.000	45.85	-10.85	35.00	74.00	-39.00	peak
2	3154.000	41.91	-5.76	36.15	74.00	-37.85	peak
3	4210.000	41.41	-1.79	39.62	74.00	-34.38	peak
4	5110.000	44.50	1.43	45.93	74.00	-28.07	peak
5	5662.000	50.43	1.99	52.42	74.00	-21.58	peak
6	6046.000	39.75	2.57	42.32	74.00	-31.68	peak

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

7-18GHz



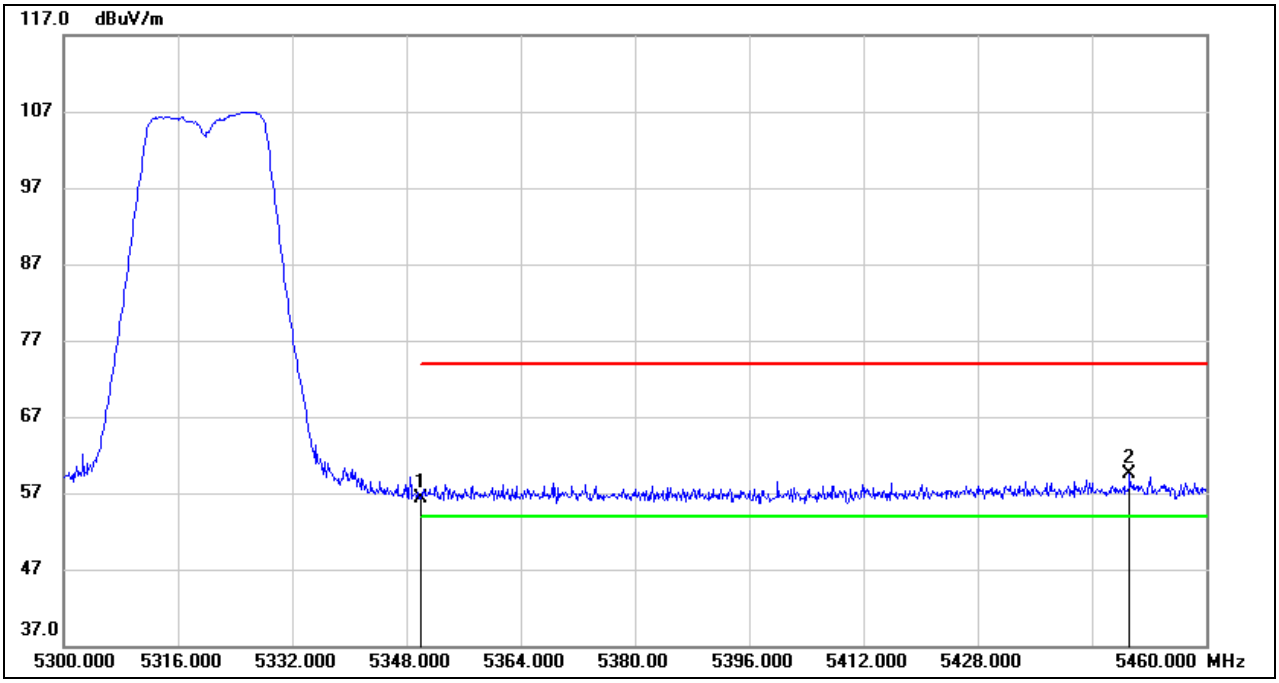
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	37.55	9.78	47.33	74.00	-26.67	peak
2	10479.815	56.34	11.45	67.79	74.00	-6.21	peak
3	10479.815	41.59	11.45	53.04	54.00	-0.96	AVG
4	11796.000	34.92	14.52	49.44	74.00	-24.56	peak
5	14414.000	33.03	16.13	49.16	74.00	-24.84	peak
6	17032.000	31.01	20.67	51.68	74.00	-22.32	peak
7	17703.000	30.08	22.77	52.85	74.00	-21.15	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. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.2.2. UNII-2A BAND

RESTRICTED BANDEDGE HIGH CHANNEL

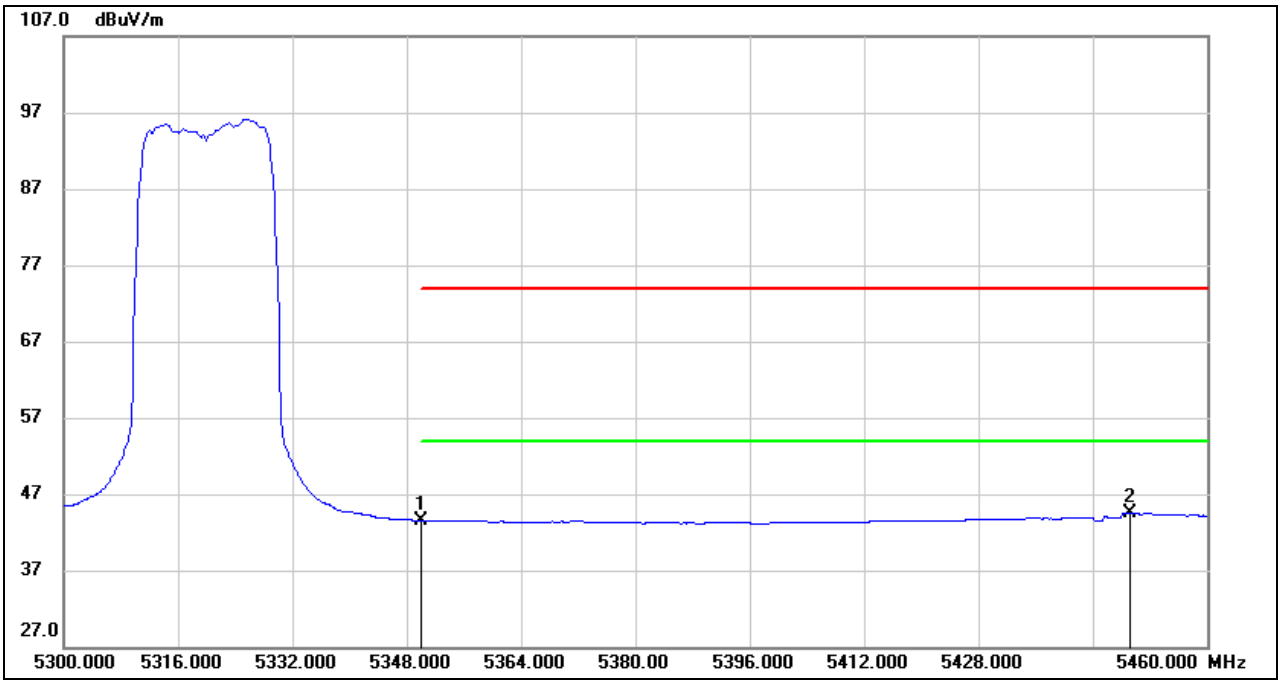
HORIZONTAL RESULTS
PEAK



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5350.000	15.69	40.64	56.33	74.00	-17.67	peak
2	5449.280	18.27	41.15	59.42	74.00	-14.58	peak

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

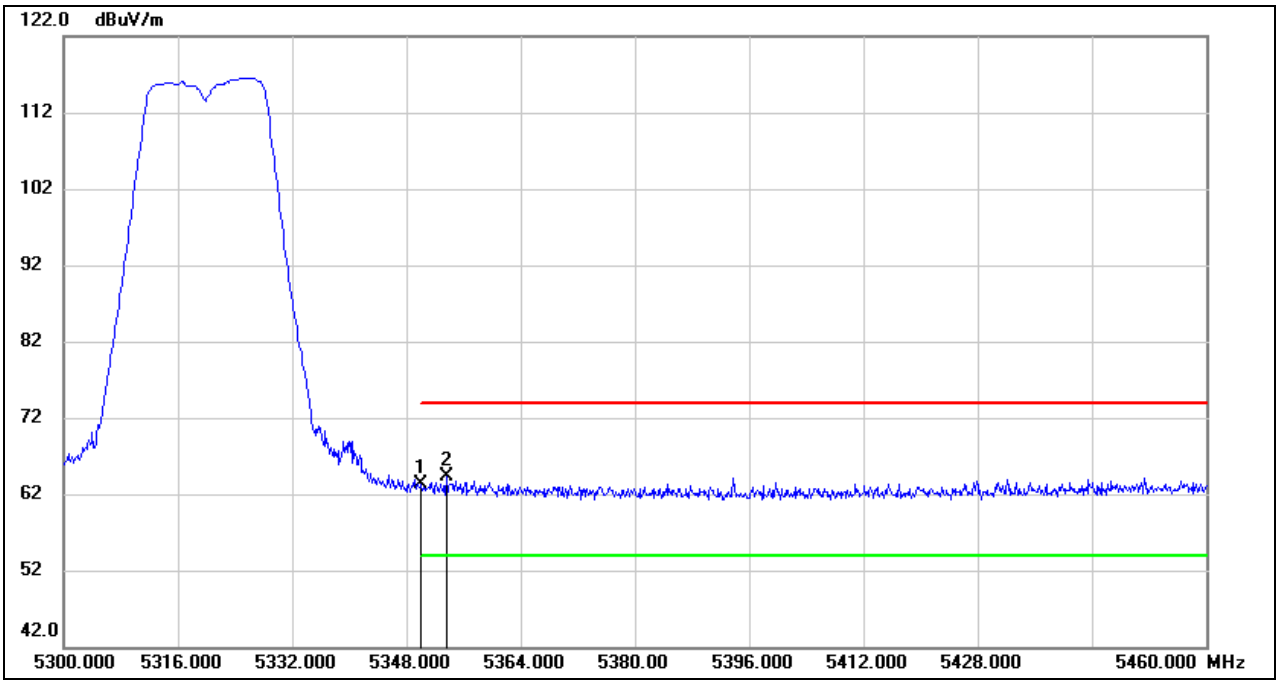
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.89	40.64	43.53	54.00	-10.47	AVG
2	5449.280	3.27	41.15	44.42	54.00	-9.58	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

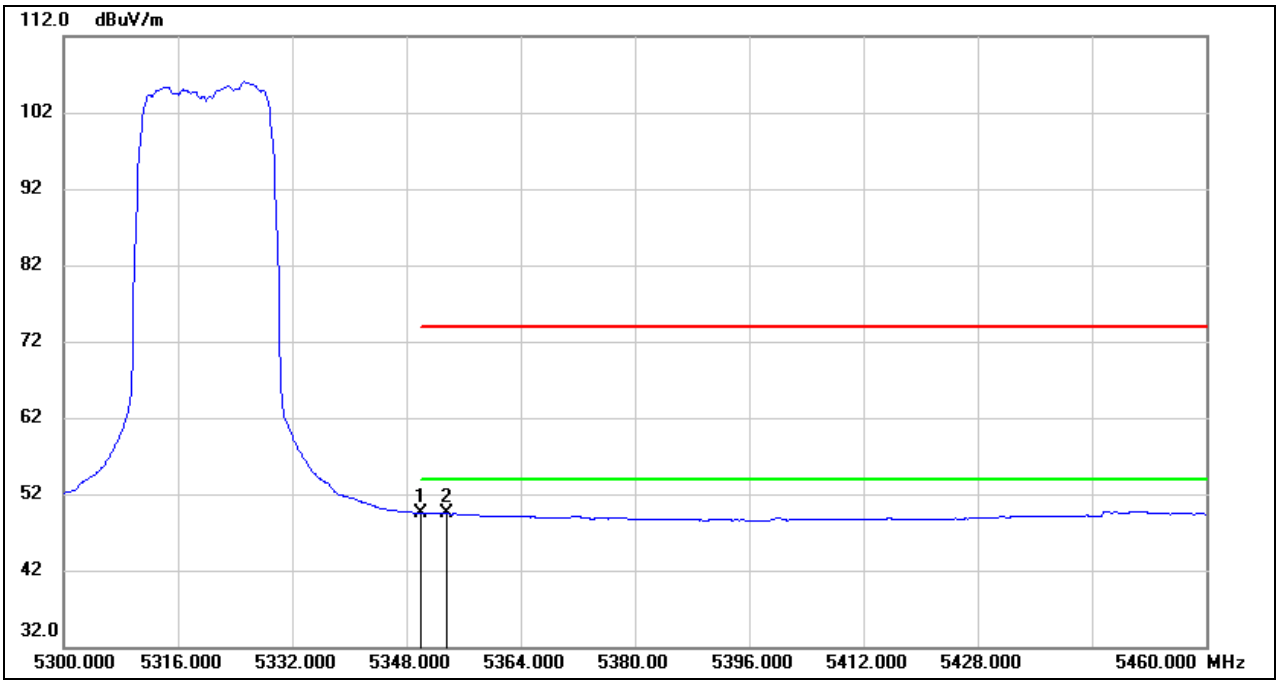
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	22.69	40.64	63.33	74.00	-10.67	peak
2	5353.600	23.57	40.63	64.20	74.00	-9.80	peak

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

AVG

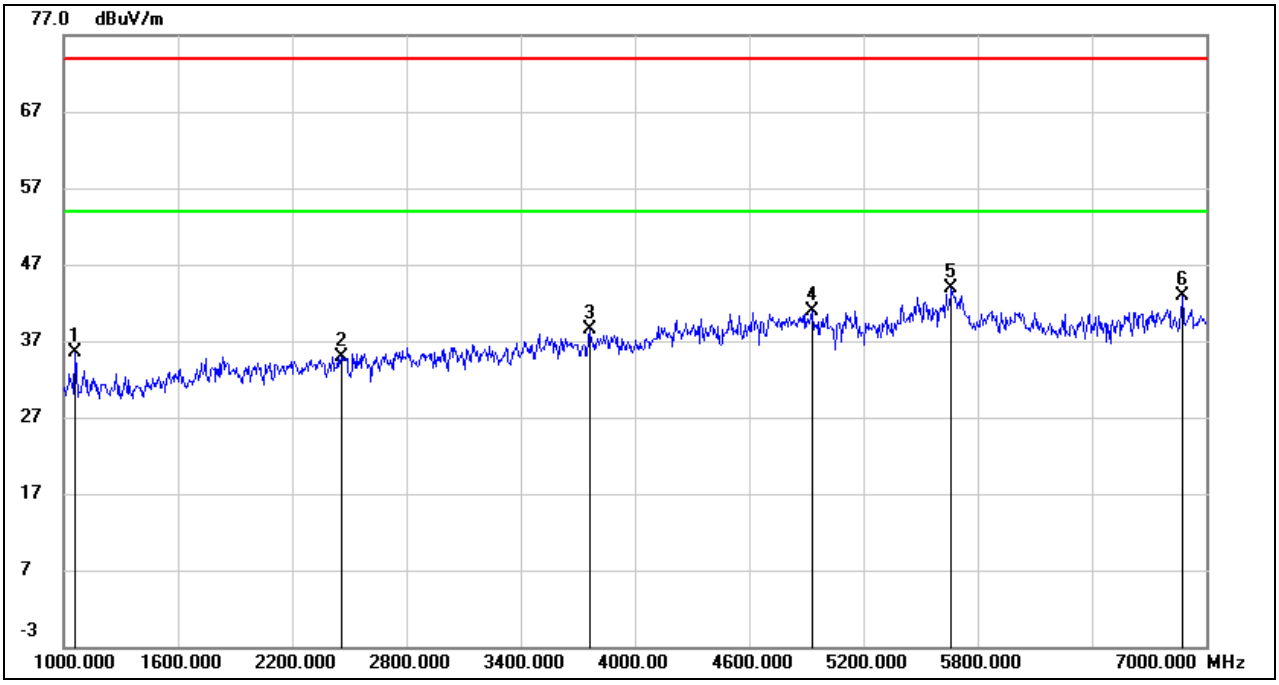


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	8.87	40.64	49.51	54.00	-4.49	AVG
2	5353.600	8.79	40.63	49.42	54.00	-4.58	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

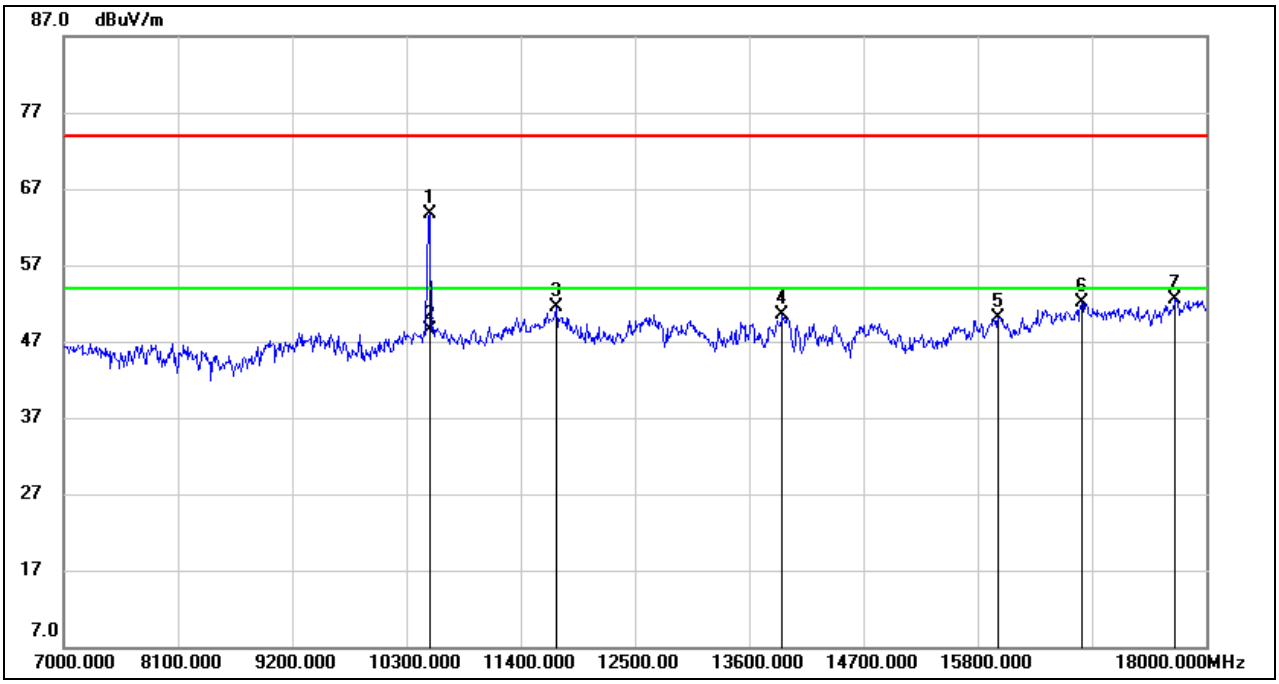
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	49.31	-13.76	35.55	74.00	-38.45	peak
2	2458.000	43.52	-8.55	34.97	74.00	-39.03	peak
3	3760.000	42.09	-3.66	38.43	74.00	-35.57	peak
4	4930.000	40.16	0.74	40.90	74.00	-33.10	peak
5	5662.000	42.01	1.99	44.00	74.00	-30.00	peak
6	6874.000	38.23	4.61	42.84	74.00	-31.16	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

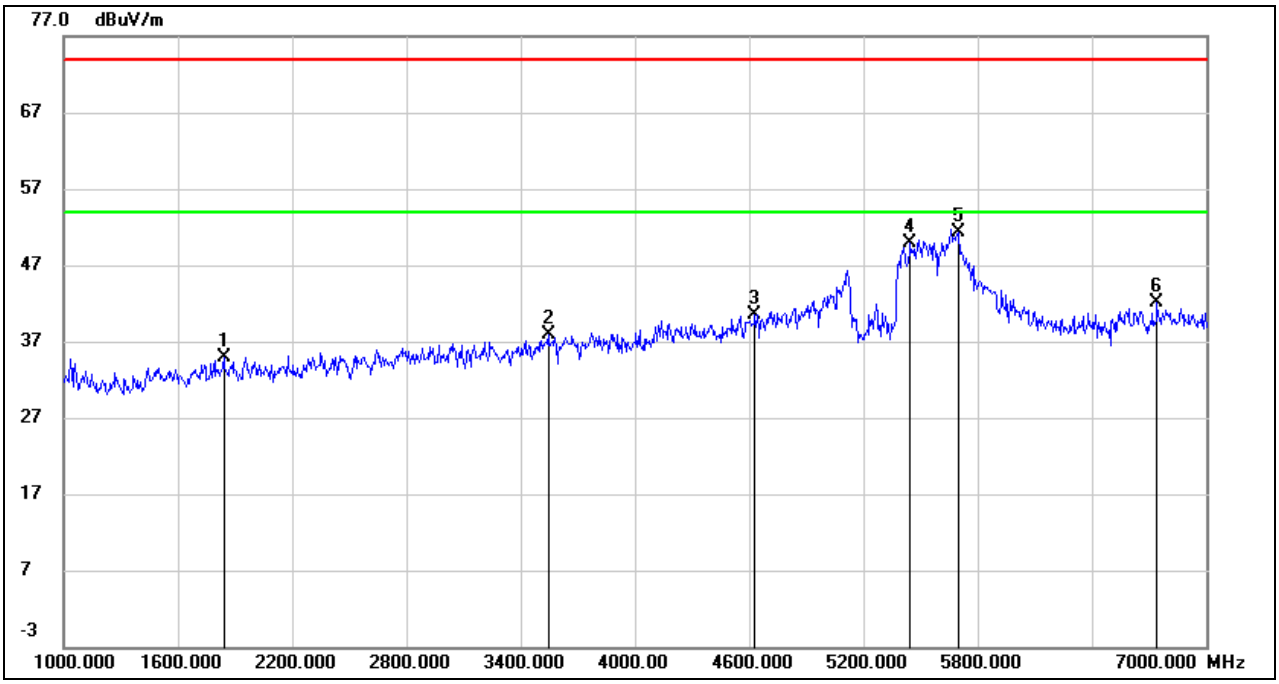
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10519.940	52.01	11.60	63.61	74.00	-10.39	peak
2	10519.940	36.83	11.60	48.43	54.00	-5.57	AVG
3	11741.000	37.24	14.29	51.53	74.00	-22.47	peak
4	13919.000	34.22	16.24	50.46	74.00	-23.54	peak
5	15998.000	32.44	17.73	50.17	74.00	-23.83	peak
6	16801.000	31.96	20.12	52.08	74.00	-21.92	peak
7	17703.000	29.68	22.77	52.45	74.00	-21.55	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

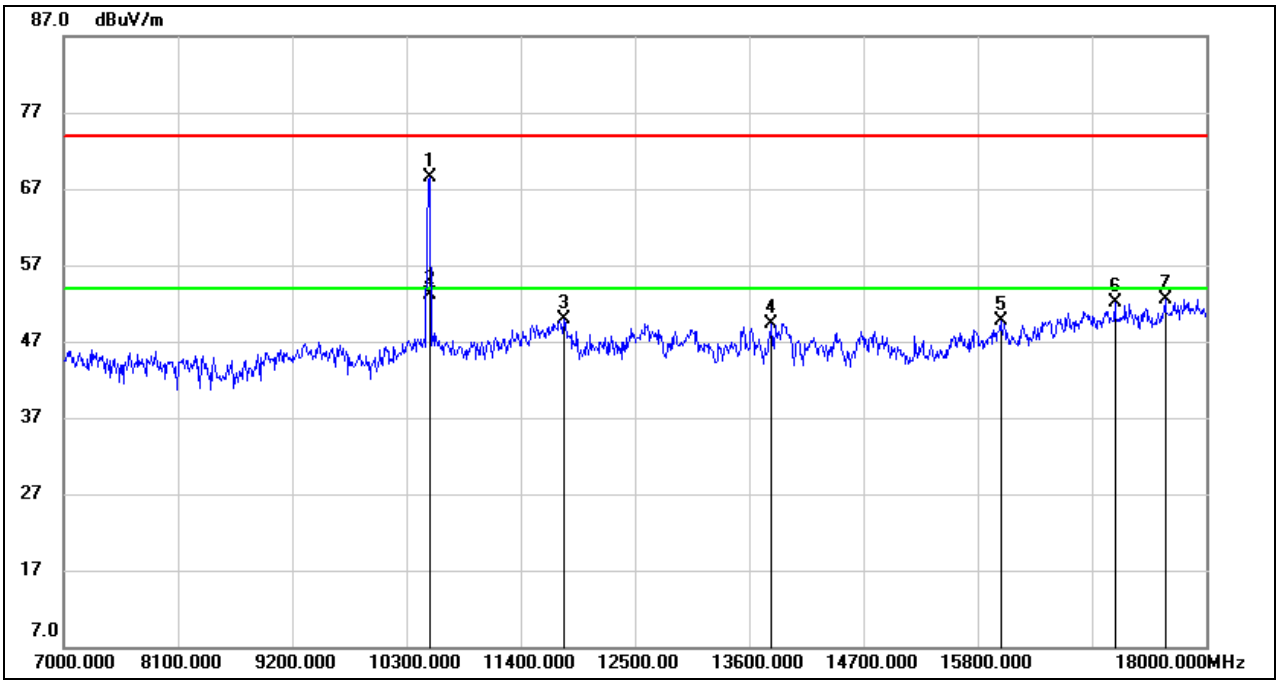
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1840.000	45.06	-10.13	34.93	74.00	-39.07	peak
2	3544.000	42.64	-4.77	37.87	74.00	-36.13	peak
3	4630.000	40.87	-0.46	40.41	74.00	-33.59	peak
4	5446.000	48.26	1.67	49.93	74.00	-24.07	peak
5	5698.000	49.25	1.99	51.24	74.00	-22.76	peak
6	6742.000	37.64	4.46	42.10	74.00	-31.90	peak

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

7-18GHz

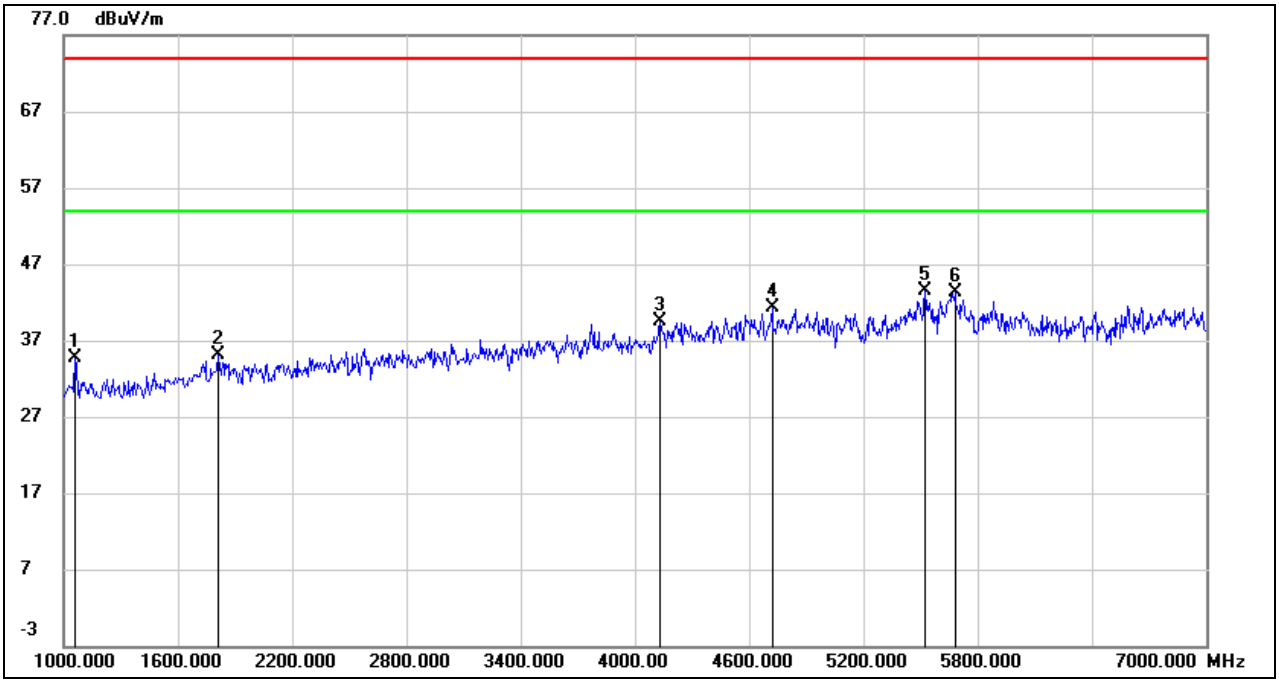


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10519.940	56.84	11.60	68.44	74.00	-5.56	peak
2	10519.940	41.45	11.60	53.05	54.00	-0.95	AVG
3	11818.000	35.42	14.50	49.92	74.00	-24.08	peak
4	13809.000	32.94	16.44	49.38	74.00	-24.62	peak
5	16020.000	31.85	17.77	49.62	74.00	-24.38	peak
6	17120.000	30.82	21.20	52.02	74.00	-21.98	peak
7	17604.000	30.53	22.04	52.57	74.00	-21.43	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. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS MID CHANNEL

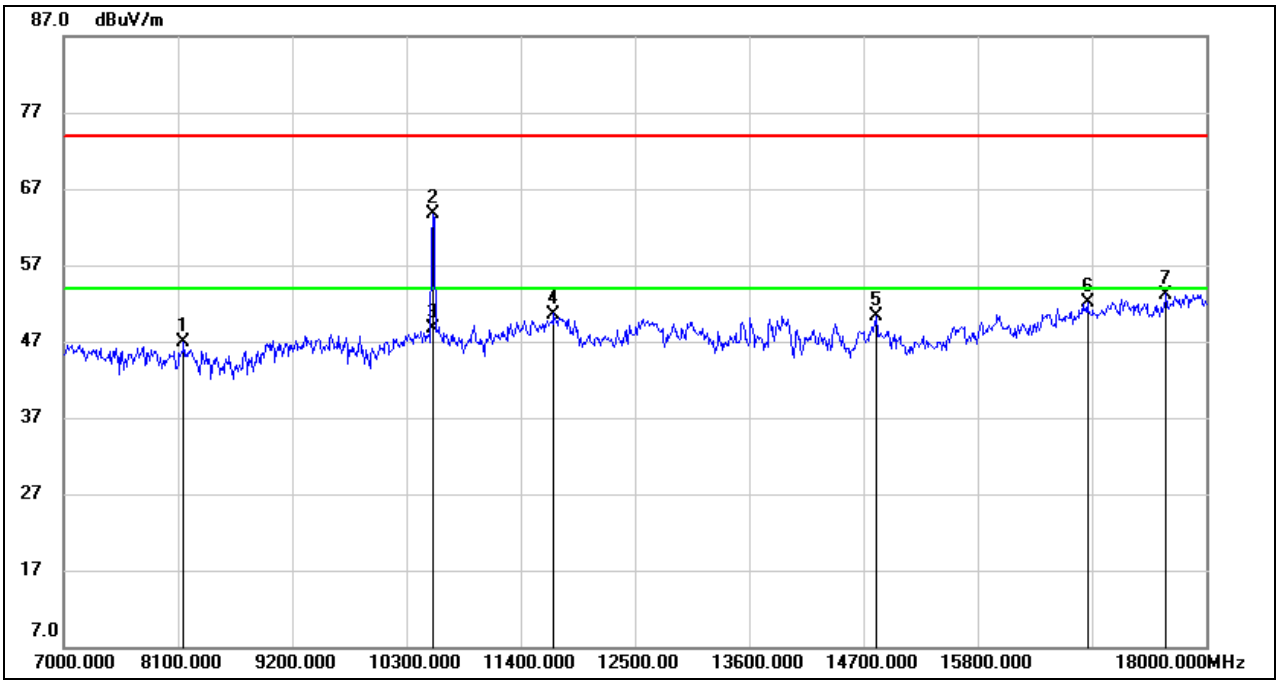
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	48.50	-13.76	34.74	74.00	-39.26	peak
2	1810.000	45.21	-10.11	35.10	74.00	-38.90	peak
3	4132.000	41.90	-2.45	39.45	74.00	-34.55	peak
4	4720.000	41.26	0.05	41.31	74.00	-32.69	peak
5	5524.000	41.60	1.85	43.45	74.00	-30.55	peak
6	5680.000	41.30	2.00	43.30	74.00	-30.70	peak

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

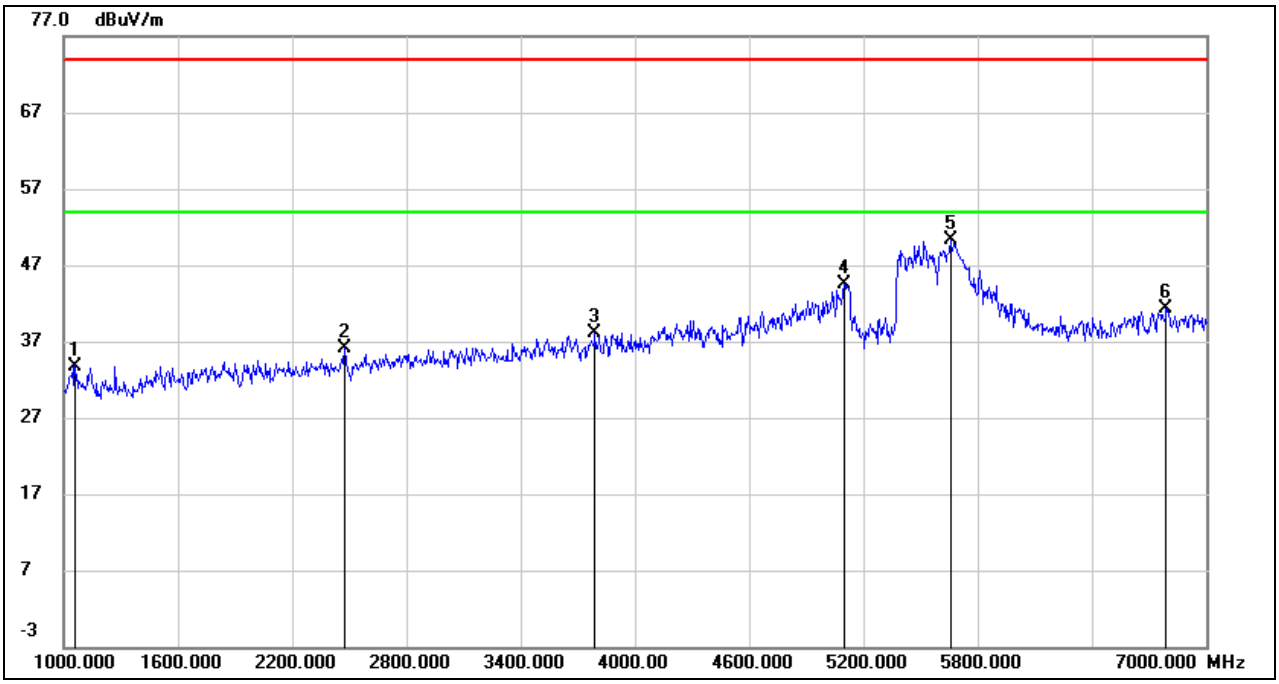
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8155.000	38.92	7.99	46.91	74.00	-27.09	peak
2	10553.000	51.91	11.70	63.61	74.00	-10.39	peak
3	10553.000	37.07	11.70	48.77	54.00	-5.23	AVG
4	11719.000	36.39	14.21	50.60	74.00	-23.40	peak
5	14821.000	34.28	16.03	50.31	74.00	-23.69	peak
6	16856.000	31.88	20.21	52.09	74.00	-21.91	peak
7	17615.000	31.08	22.12	53.20	74.00	-20.80	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

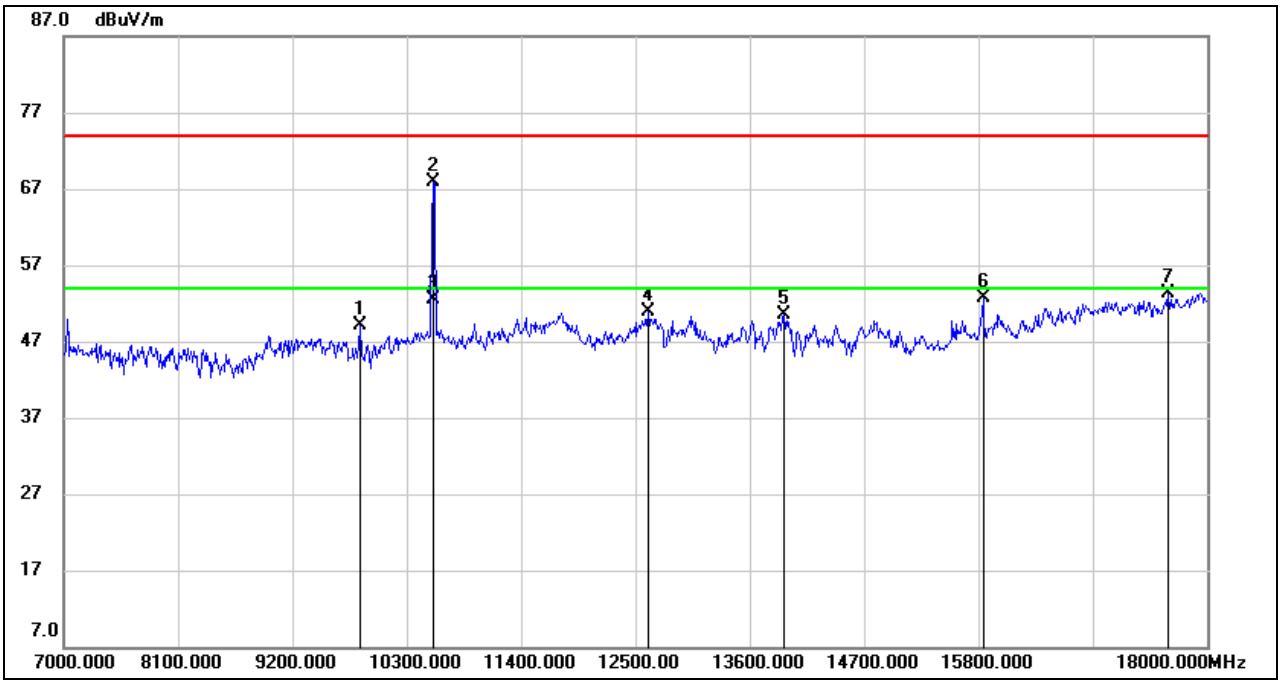
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	47.56	-13.76	33.80	74.00	-40.20	peak
2	2476.000	44.54	-8.52	36.02	74.00	-37.98	peak
3	3790.000	41.60	-3.51	38.09	74.00	-35.91	peak
4	5098.000	43.03	1.38	44.41	74.00	-29.59	peak
5	5656.000	48.23	2.00	50.23	74.00	-23.77	peak
6	6790.000	36.87	4.44	41.31	74.00	-32.69	peak

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

7-18GHz

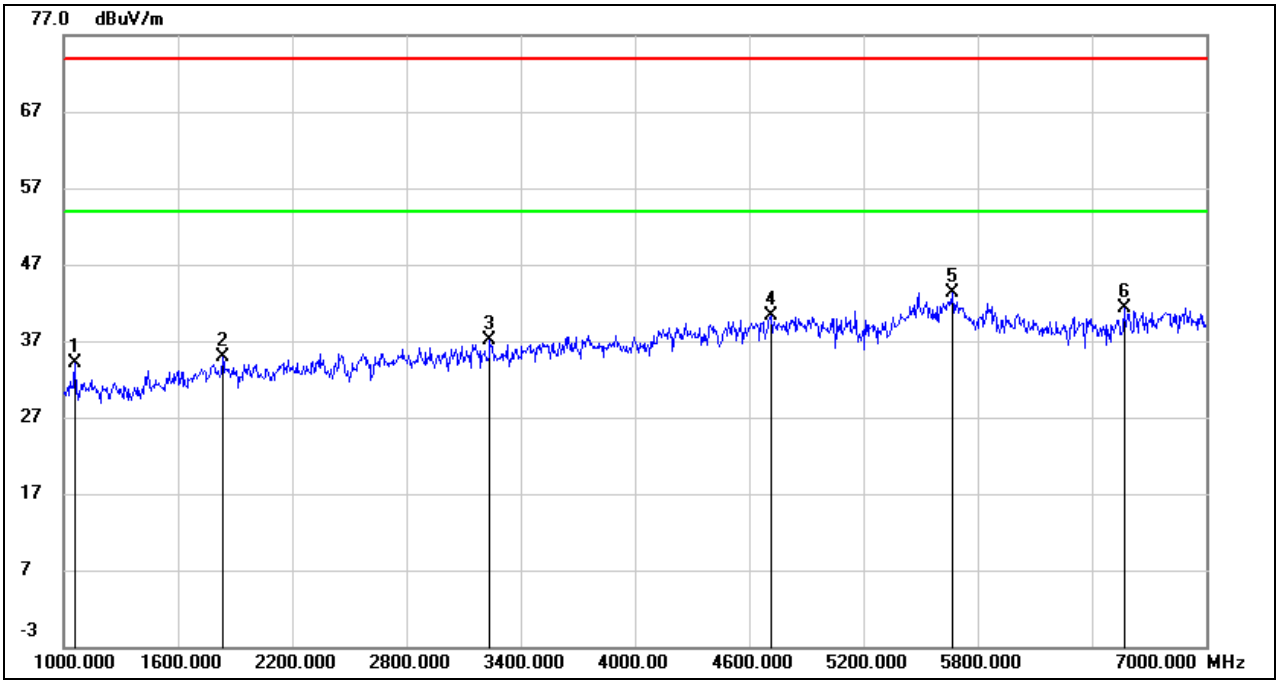


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9849.000	39.27	9.88	49.15	74.00	-24.85	peak
2	10553.000	56.29	11.70	67.99	74.00	-6.01	peak
3	10553.000	40.74	11.70	52.44	54.00	-1.56	AVG
4	12621.000	35.75	15.19	50.94	74.00	-23.06	peak
5	13930.000	34.22	16.24	50.46	74.00	-23.54	peak
6	15844.000	35.59	17.06	52.65	74.00	-21.35	peak
7	17626.000	31.03	22.20	53.23	74.00	-20.77	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

HARMONICS AND SPURIOUS EMISSIONS HIGH CHANNEL

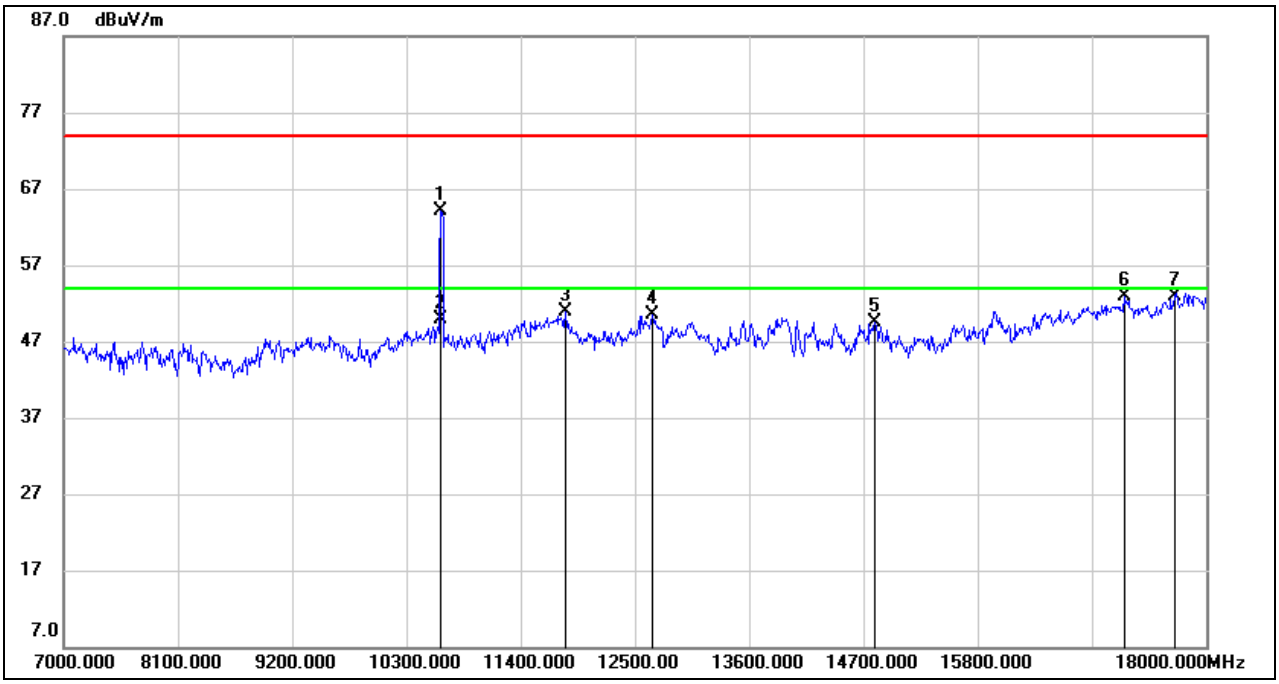
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	47.93	-13.76	34.17	74.00	-39.83	peak
2	1834.000	45.02	-10.13	34.89	74.00	-39.11	peak
3	3238.000	42.63	-5.62	37.01	74.00	-36.99	peak
4	4714.000	40.37	0.02	40.39	74.00	-33.61	peak
5	5668.000	41.34	1.99	43.33	74.00	-30.67	peak
6	6568.000	36.97	4.31	41.28	74.00	-32.72	peak

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

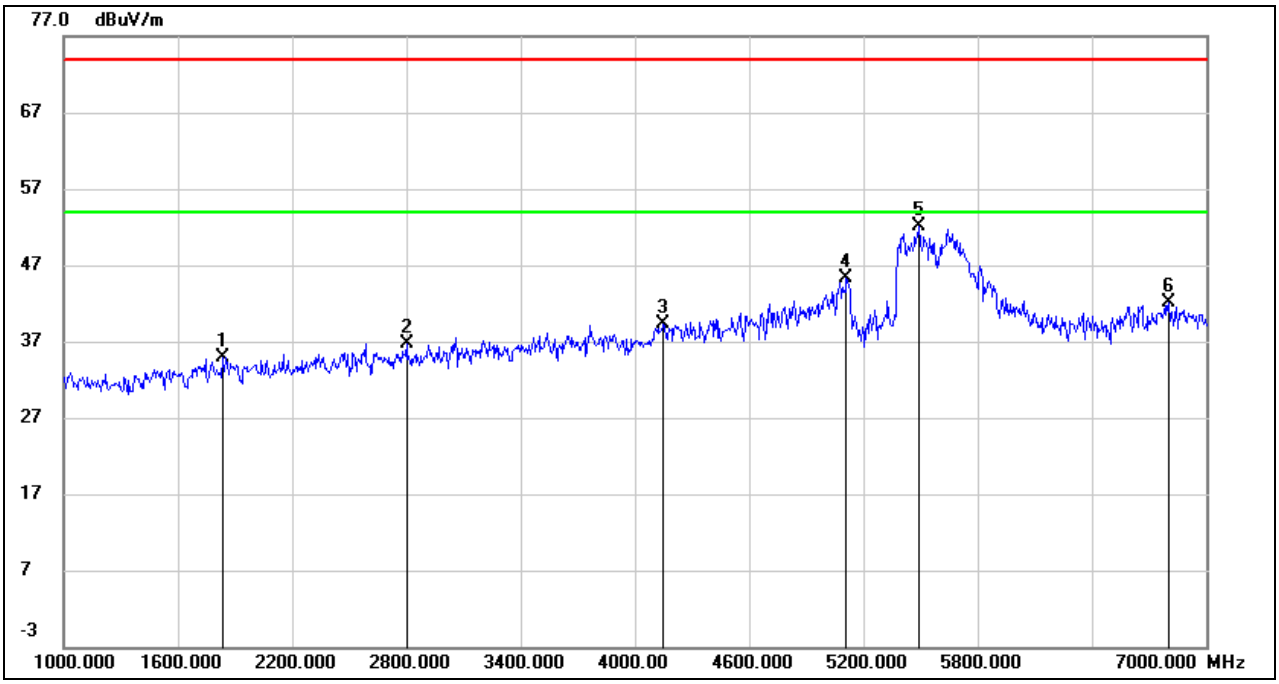
HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10630.000	52.13	11.91	64.04	74.00	-9.96	peak
2	10630.000	37.92	11.91	49.83	54.00	-4.17	AVG
3	11829.000	36.41	14.48	50.89	74.00	-23.11	peak
4	12665.000	35.37	15.22	50.59	74.00	-23.41	peak
5	14810.000	33.41	16.03	49.44	74.00	-24.56	peak
6	17208.000	31.15	21.67	52.82	74.00	-21.18	peak
7	17703.000	30.16	22.77	52.93	74.00	-21.07	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

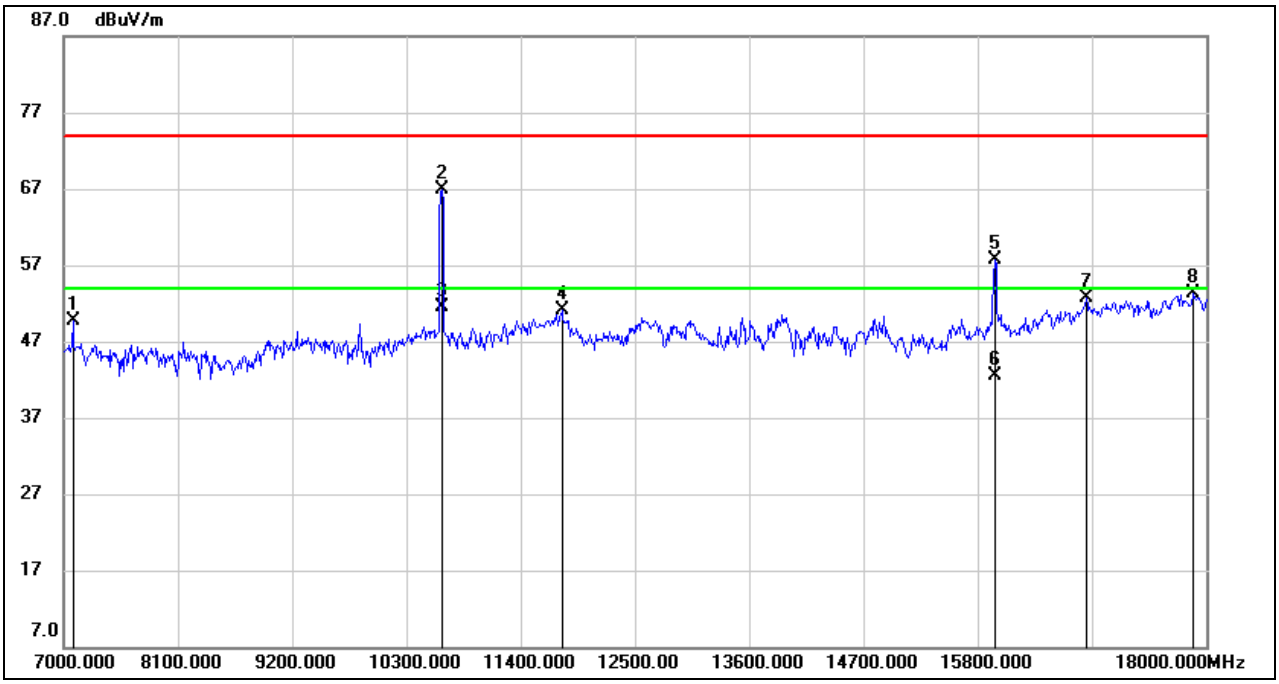
VERTICAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1834.000	45.05	-10.13	34.92	74.00	-39.08	peak
2	2800.000	43.64	-6.95	36.69	74.00	-37.31	peak
3	4150.000	41.59	-2.27	39.32	74.00	-34.68	peak
4	5110.000	43.80	1.43	45.23	74.00	-28.77	peak
5	5494.000	50.31	1.78	52.09	74.00	-21.91	peak
6	6802.000	37.57	4.44	42.01	74.00	-31.99	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. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
5. Proper operation of the transmitter prior to adding the filter to the measurement chain.
6. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

7-18GHz



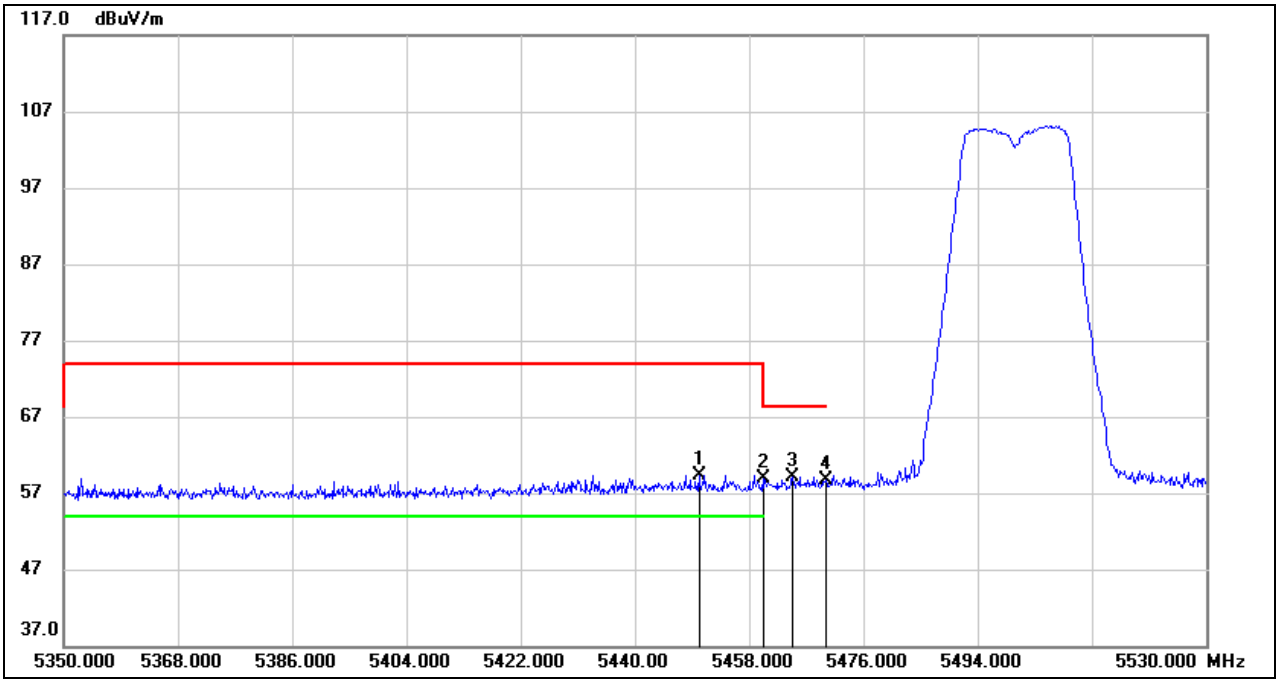
No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7088.000	43.02	6.64	49.66	74.00	-24.34	peak
2	10641.000	55.03	11.91	66.94	74.00	-7.06	peak
3	10641.000	39.57	11.91	51.48	54.00	-2.52	AVG
4	11796.000	36.58	14.52	51.10	74.00	-22.90	peak
5	15965.000	40.07	17.58	57.65	74.00	-16.35	peak
6	15965.000	24.83	17.58	42.41	54.00	-11.59	AVG
7	16845.000	32.50	20.20	52.70	74.00	-21.30	peak
8	17868.000	29.72	23.56	53.28	74.00	-20.72	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4. AVG: VBW=1/Ton where: ton is transmit duration.
5. For duty cycle, please refer to clause 7.1.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.

8.2.3. UNII-2C BAND

RESTRICTED BANDEDGE LOW CHANNEL

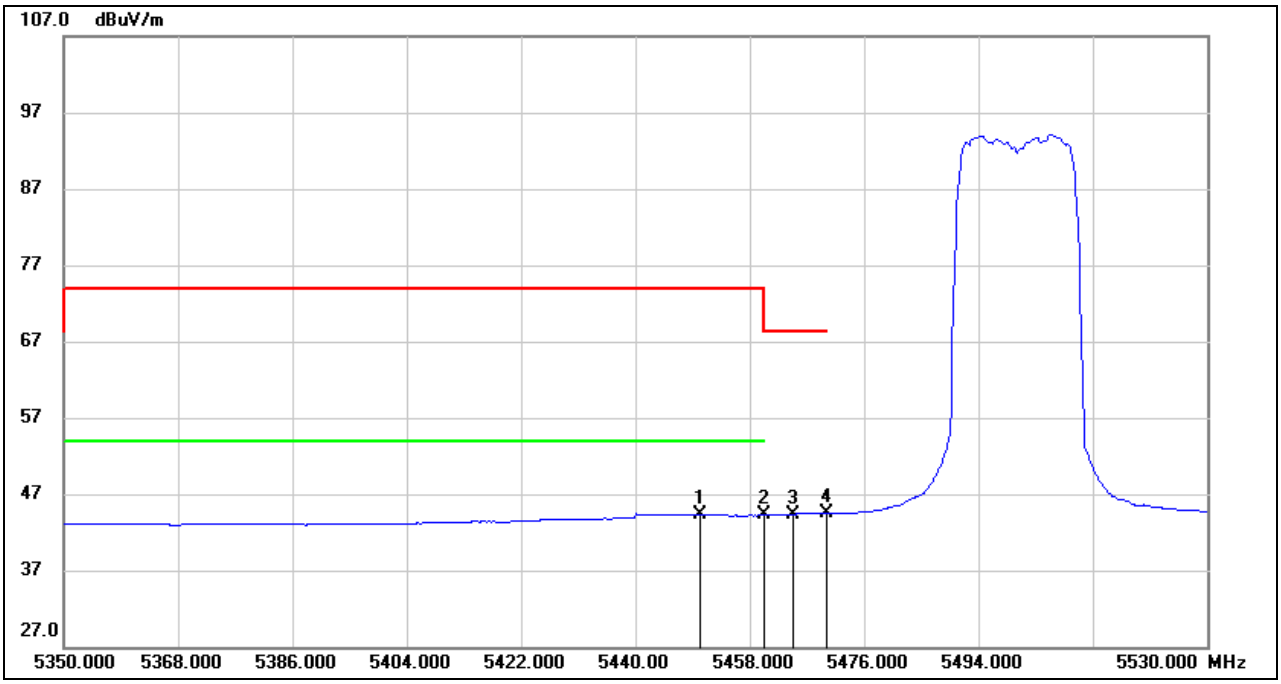
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.080	18.24	41.16	59.40	74.00	-14.60	peak
2	5460.000	17.63	41.28	58.91	68.20	-9.29	peak
3	5464.840	17.78	41.35	59.13	68.20	-9.07	peak
4	5470.000	17.38	41.41	58.79	68.20	-9.41	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.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

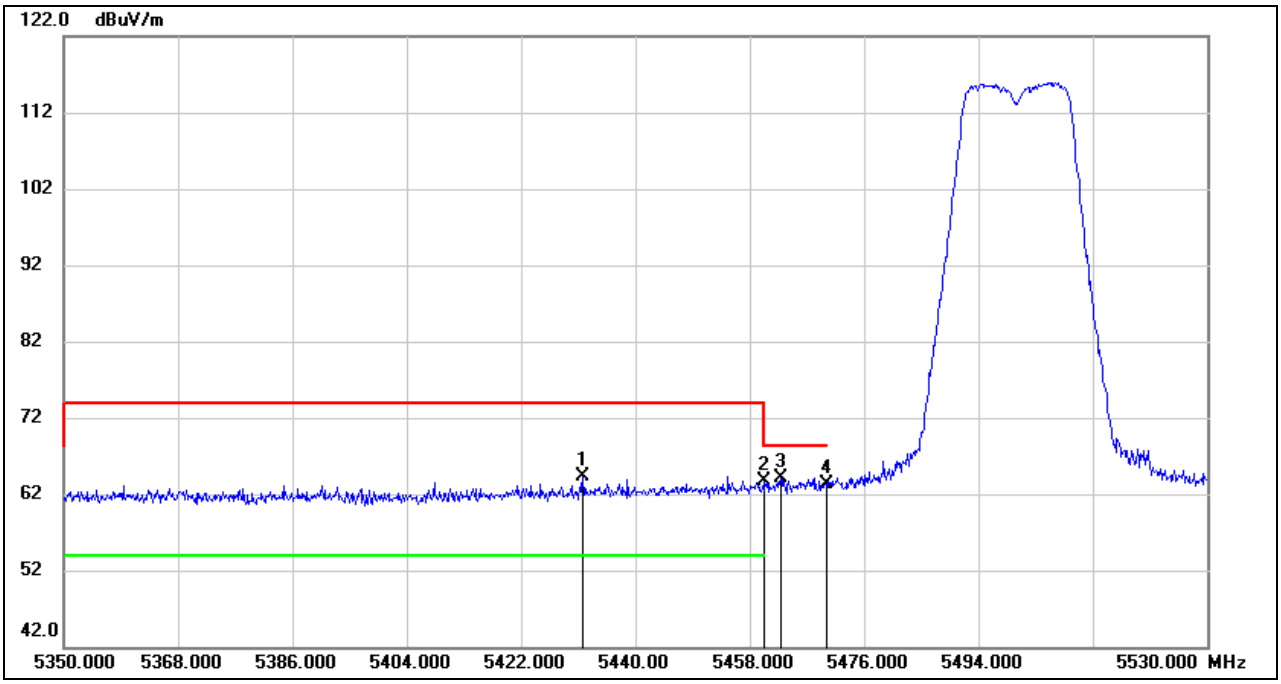
AVG



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.080	3.07	41.16	44.23	54.00	-9.77	AVG
2	5460.000	2.99	41.28	44.27	54.00	-9.73	AVG
3	5464.840	3.03	41.35	44.38	68.20	-23.82	AVG
4	5470.000	3.18	41.41	44.59	68.20	-23.61	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

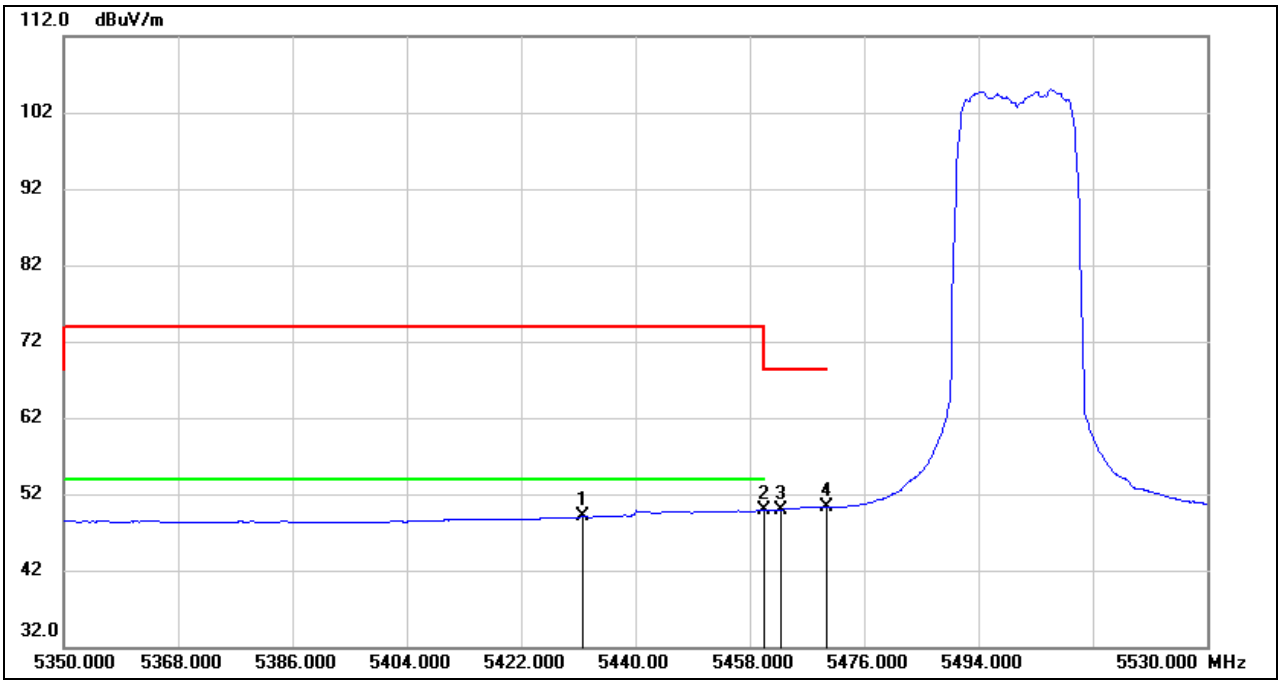
VERTICAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5431.720	23.43	40.92	64.35	74.00	-9.65	peak
2	5460.000	22.42	41.28	63.70	68.20	-4.50	peak
3	5462.860	22.83	41.33	64.16	68.20	-4.04	peak
4	5470.000	21.89	41.41	63.30	68.20	-4.90	peak

Note: 1. Measurement = Reading Level + Correct Factor.
2. If Peak Result complies with AV limit, AV Result is deemed to comply with AV limit.
3. Peak: Peak detector.
4.*indicates frequency out of the restricted bands
5. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

AVG

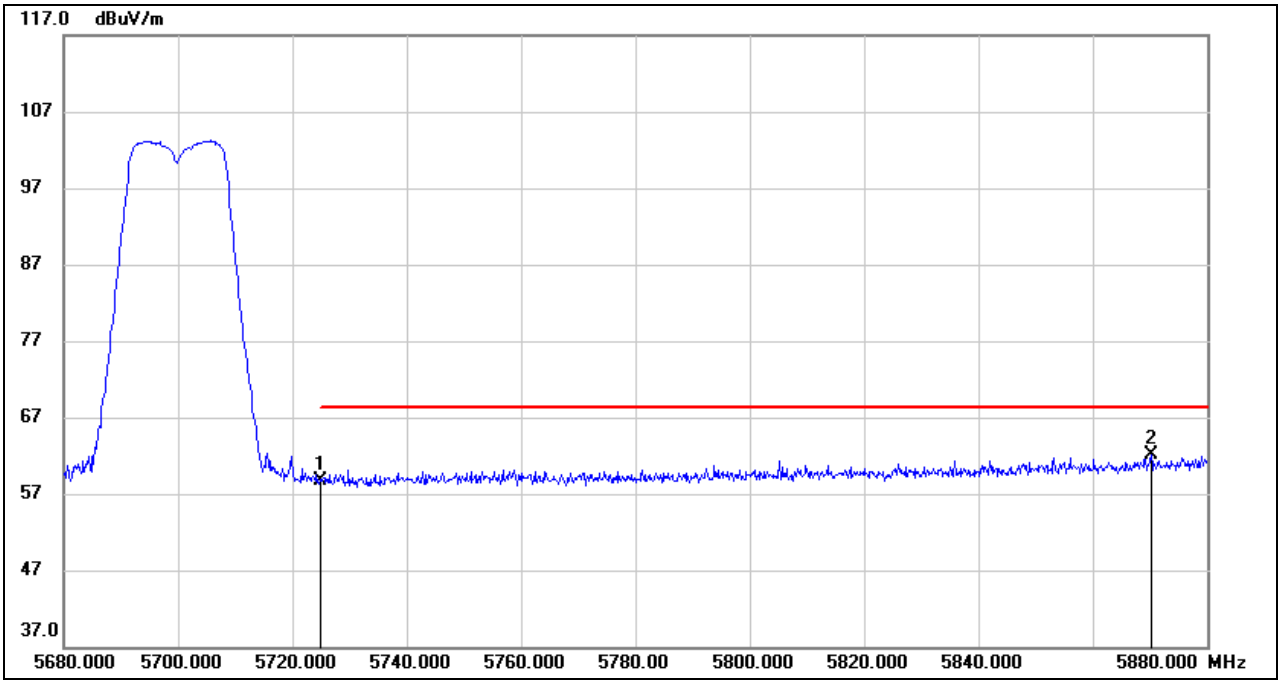


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5431.720	8.14	40.92	49.06	54.00	-4.94	AVG
2	5460.000	8.56	41.28	49.84	54.00	-4.16	AVG
3	5462.860	8.64	41.33	49.97	68.20	-18.23	AVG
4	5470.000	8.93	41.41	50.34	68.20	-17.86	AVG

Note: 1. Measurement = Reading Level + Correct Factor.
2. AVG: VBW=1/Ton where: ton is transmit duration.
3. For duty cycle, please refer to clause 7.1.
4. Only the worst case emission will be recorder, if it complies with the limit, the other emissions deemed to comply with the limit.

RESTRICTED BANDEDGE HIGH CHANNEL

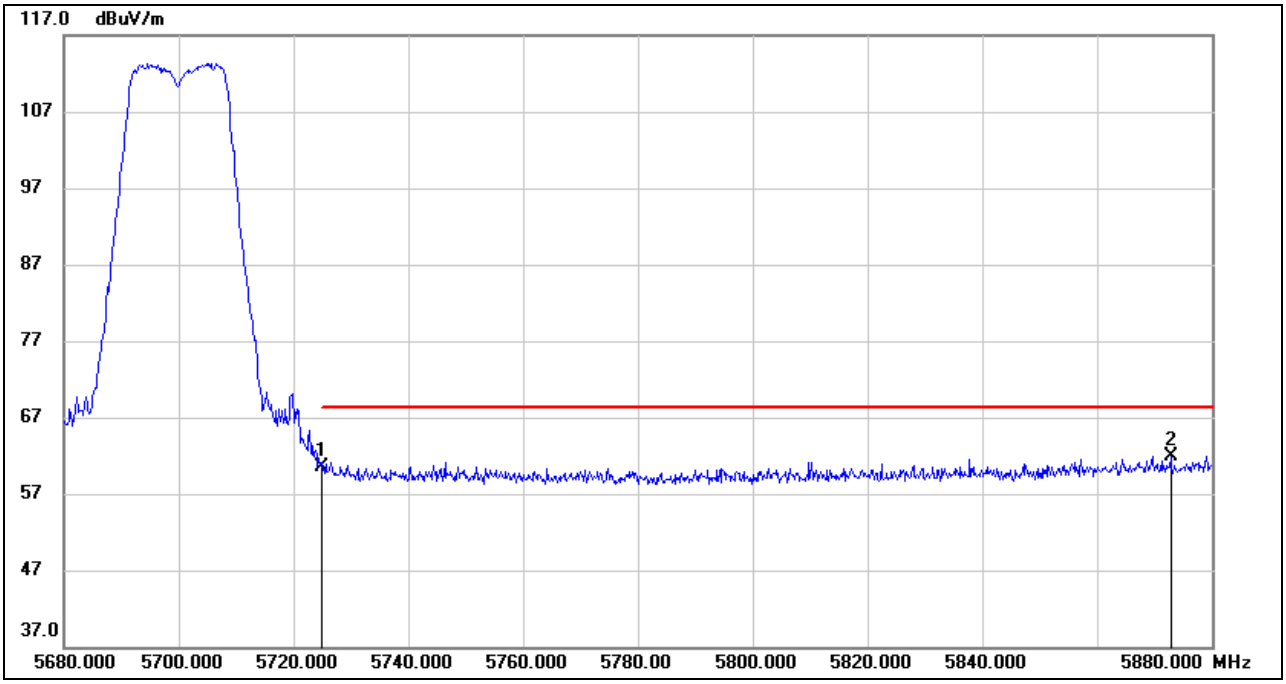
HORIZONTAL RESULTS
PEAK



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	17.10	41.61	58.71	68.20	-9.49	peak
2	5870.200	18.92	43.27	62.19	68.20	-6.01	peak

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

VERTICAL RESULTS
PEAK

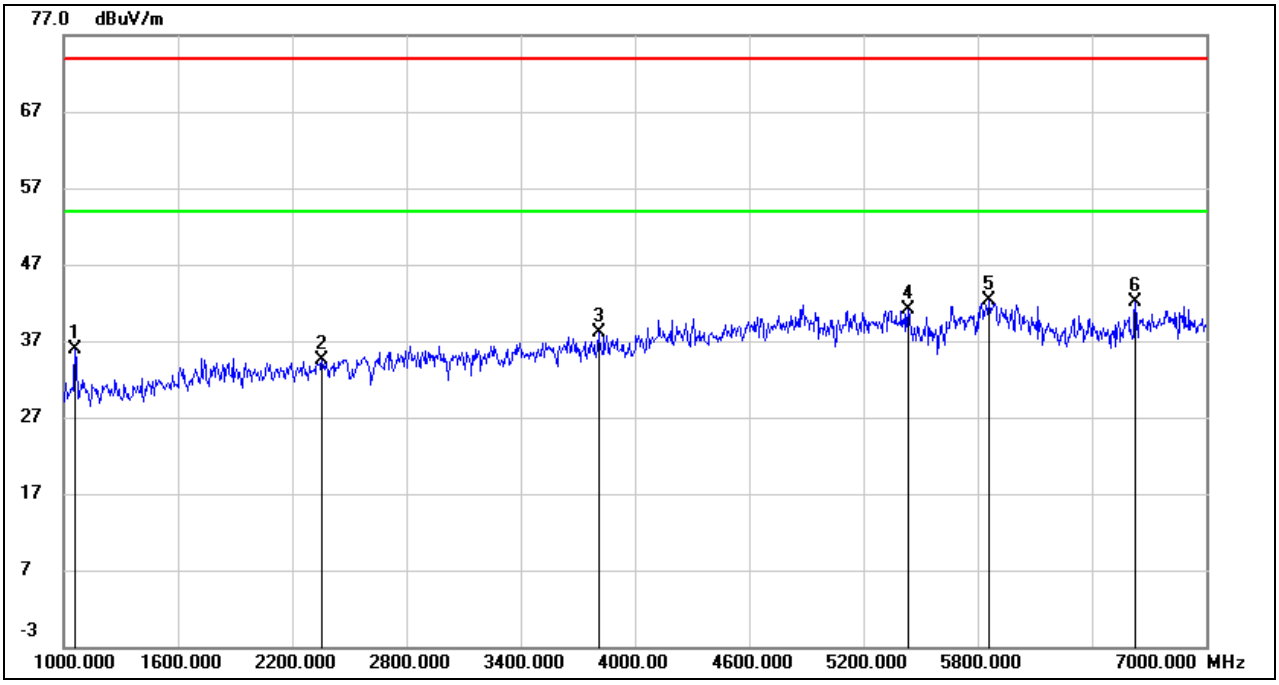


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5725.000	18.93	41.61	60.54	68.20	-7.66	peak
2	5872.800	18.59	43.33	61.92	68.20	-6.28	peak

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

HARMONICS AND SPURIOUS EMISSIONS LOW CHANNEL

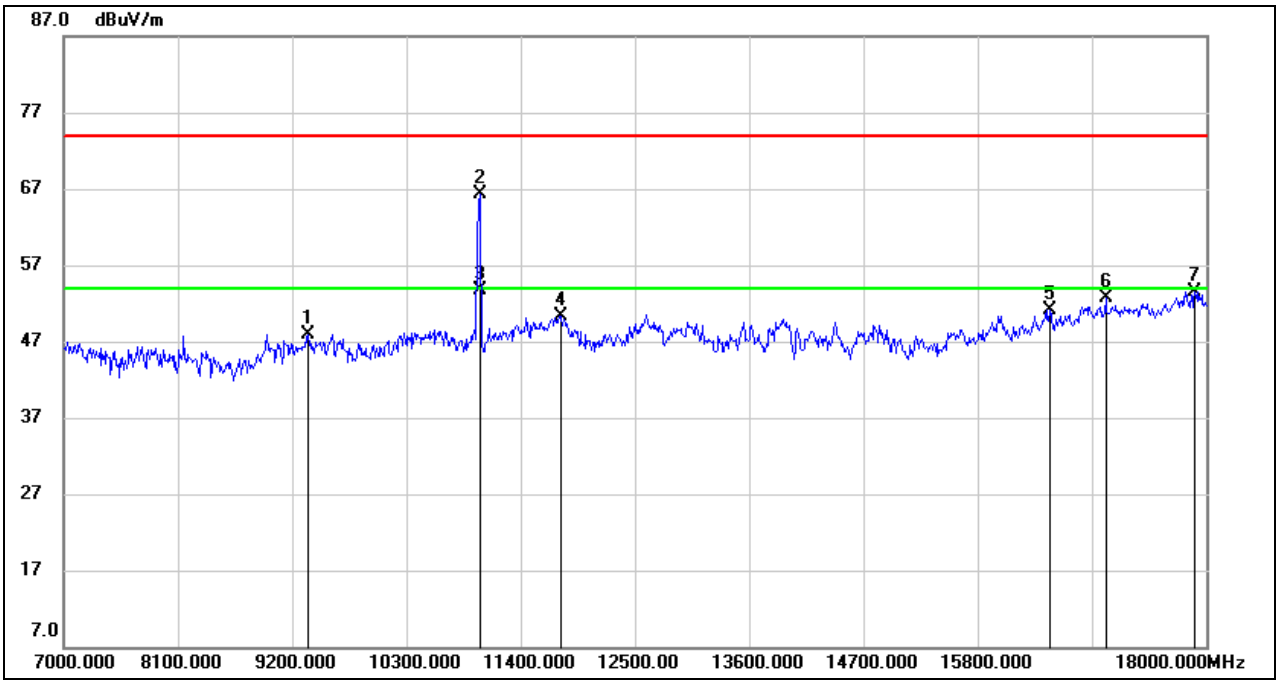
HORIZONTAL RESULTS
1-7GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1060.000	49.75	-13.76	35.99	74.00	-38.01	peak
2	2356.000	43.32	-8.74	34.58	74.00	-39.42	peak
3	3808.000	41.51	-3.46	38.05	74.00	-35.95	peak
4	5434.000	39.47	1.65	41.12	74.00	-32.88	peak
5	5860.000	40.12	2.15	42.27	74.00	-31.73	peak
6	6628.000	37.63	4.47	42.10	74.00	-31.90	peak

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

HORIZONTAL RESULTS
7-18GHz



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9354.000	38.22	9.78	48.00	74.00	-26.00	peak
2	11004.000	53.59	12.63	66.22	74.00	-7.78	peak
3	11004.000	41.07	12.63	53.70	54.00	-0.30	AVG
4	11785.000	35.86	14.47	50.33	74.00	-23.67	peak
5	16493.000	31.72	19.42	51.14	74.00	-22.86	peak
6	17032.000	32.03	20.67	52.70	74.00	-21.30	peak
7	17890.000	30.00	23.59	53.59	74.00	-20.41	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 transmit duration.
5. For duty cycle, 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 HPF losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point were deemed to comply with the limits list in the standard.