CFR 47 FCC PART 15 SUBPART E
ISED RSS-247 ISSUE 3

TEST REPORT

For

CFV 100C

MODEL NUMBER: CFV 100C
SERIES MODEL NUMBER: CFV-100C

FCC ID: 2AEFA-CFV100C2209
IC: 20193-CFV100C2209

REPORT NUMBER: 4790686575.6-1-RF-2

ISSUE DATE: Jan. 2, 2024

Prepared for

VICTOR HASSELBLAD AB
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Prepared by

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The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report apply to the test sample(s) mentioned above at the time of the testing period only and are not to be used to indicate applicability to other similar products.

Revision History

Rev.	Issue Date	Revisions	Revised By
V0	Jan. 2, 2024	Initial Issue	

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Summary of Test Results

Test Item	Clause	Limit/Requirement	Result
ON TIME AND DUTY CYCLE	ANSI C63.10-2013, Clause 12.2	None; for reporting purposes only.	Pass
6dB AND 26dB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH	KDB 789033 D02 v02r01 Section C.1	FCC Part 15.407 (a)/(e), RSS-247 Issue 3, Clause 6.2.1.2 RSS-Gen Clause 6.7	Pass
CONDUCTED OUTPUT POWER	KDB 789033 D02 v02r01 Section E.3.a (Method PM)	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
POWER SPECTRAL DENSITY	KDB 789033 D02 v02r01 Section F	FCC 15.407 (a) RSS-247 Clause 6.2	Pass
AC Power Line Conducted Emission	ANSI C63.10-2013, Clause 6.2.	FCC 15.207 RSS-GEN Clause 8.8	Pass
Radiated Emissions and Band Edge Measurement	KDB 789033 D02 v02r01 Section G.3, G.4, G.5, and G.6	FCC 15.407 (b) FCC 15.209 FCC 15.205 RSS-247 Clause 6.2 RSS-GEN Clause 8.9	Pass
FREQUENCY STABILITY	FCC 15.407 (g)	FCC 15.407 (g)	Pass
Antenna Requirement	N/A	FCC 47 CFR Part 15.203/ 15.407(a)(1)(2), RSS-Gen Issue 5, Clause 6.8	Pass

*This test report is only published to and used by the applicant, and it is not for evidence purpose in China.
*The measurement result for the sample received is <Pass> according to <CFR 47 FCC PART 15 SUBPART E, ISED RSS-247 ISSUE 3> when <Accuracy Method> decision rule is applied.

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	VICTOR HASSELBLAD AB
IC Address:	Utvecklingsgatan 2, Goteborg, 417 56 Sweden
FCC Address:	Utvecklingsgatan 2, Gothenburg SE-417 56, Sweden

Manufacturer Information

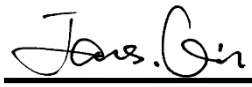
Company Name:	VICTOR HASSELBLAD AB
IC Address:	Utvecklingsgatan 2, Goteborg, 417 56 Sweden
FCC Address:	Utvecklingsgatan 2, Gothenburg SE-417 56, Sweden

EUT Information

EUT Name:	CFV 100C
Model:	CFV 100C
Series Model:	CFV-100C
Model Difference:	All the same except the model name
Brand:	HASSELBLAD
Sample Received Date:	Jan. 10, 2023
Sample Status:	Normal
Date of Tested:	Feb. 10, 2023 to Jan. 2, 2024

APPLICABLE STANDARDS	
STANDARD	**TEST RESULTS**
CFR 47 FCC PART 15 SUBPART E **ISED RSS-247 ISSUE 3**	**Pass**

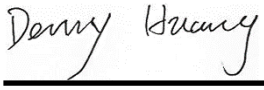
Prepared By:



James Qin

Project Engineer

Checked By:



Denny Huang

Senior Project Engineer

Approved By:

Stephen Guo

Operations Manager

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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 3, KDB414788 D01 Radiated Test Site v01r01, KDB 662911 D01 v02r01, KDB 905462 D02 UNII DFS Compliance Procedures New Rules v02 and 905462 D03 Client Without DFS New Rules v01r02.

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 Declaration of Conformity (DoC) and Certification rules **ISED (Company No.: 21320)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046. **VCCI (Registration No.: G-20019, R-20004, C-20012 and T-20011)** UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with VCCI, the Membership No. is 3793. Facility Name: Chamber D, the VCCI registration No. is G-20019 and R-20004 Shielding Room B , the VCCI registration No. is C-20012 and T-20011

Note1:
All tests measurement facilities use to collect the measurement data are located at Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China.

Note2:
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.

Note3:
For below 30 MHz, lab had performed measurements at test anechoic chamber and comparing to measurements obtained on an open field site. And these measurements below 30 MHz had been correlated to measurements performed on an OFS.

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4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

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

4.2. MEASUREMENT UNCERTAINTY

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

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 26 GHz)	5.78 dB (1 GHz ~ 18 GHz)
	5.23 dB (18 GHz ~ 26 GHz)
Duty Cycle	±0.028%
Emission Bandwidth and 99% Occupied Bandwidth	±0.0196%
Maximum Conducted Output Power	±0.766 dB
Maximum Power Spectral Density Level	±1.22 dB
Frequency Stability	±2.76%
Conducted Band-edge Compliance	±1.328 dB
Conducted Unwanted Emissions In Non-restricted Frequency Bands	±0.746 dB (9 kHz ~ 1 GHz)
	±1.328dB (1 GHz ~ 26 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.	

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5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	CFV 100C
Model	CFV 100C
Radio Technology	IEEE802.11a IEEE802.11n HT20/n HT40 IEEE802.11ac VHT20/VHT40/VHT80 IEEE802.11ax HE20/HE40/HE80
Frequency Range:	5180 MHz to 5240 MHz(U-NII-1) 5745 MHz to 5825 MHz(U-NII-3)
TPC Function:	Not Support
Type of Modulation:	IEEE 802.11a: OFDM IEEE 802.11n: OFDM IEEE 802.11ac: OFDM IEEE for 802.11ax: OFDMA
Normal Test Voltage:	DC 7.27 V

5.2. 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-3 (For Bandwidth=20MHz)		UNII-3 (For Bandwidth=40MHz)		UNII-3 (For Bandwidth=80MHz)	
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				

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5.3. MAXIMUM EIRP

UNII-1 BAND(FCC&ISED)

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)	Max Average EIRP (dBm)
a	5150 ~ 5250	12.69	13.39
n HT20		12.45	16.65
n HT40		13.67	17.87
ac VHT80		18.62	22.82
ax HE20		12.36	16.56
ax HE40		13.35	17.55
ax HE80		19.00	23.20

UNII-3 BAND(FCC&ISED)

IEEE Std. 802.11	Frequency (MHz)	Maximum Average Conducted Power (dBm)
a	5725 ~ 5850	16.85
n HT20		19.22
n HT40		19.87
ac VHT80		18.79
ax HE20		19.47
ax HE40		19.92
ax HE80		18.06

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5.4. TEST CHANNEL CONFIGURATION

UNII-1 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11n HT40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz
802.11ac VHT80	CH 42(Low Channel)	5210 MHz
802.11ax HE20	CH 36(Low Channel), CH 40(MID Channel), CH 48(High Channel)	5180 MHz, 5200 MHz, 5240 MHz
802.11ax HE40	CH 38(Low Channel), CH 46(High Channel)	5190 MHz, 5230 MHz
802.11ax HE80	CH 42(Low Channel)	5210 MHz

UNII-3 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11a	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11n HT40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz
802.11ac VHT80	CH 155(Low Channel)	5775 MHz
802.11ax HE20	CH 149(Low Channel), CH 157(MID Channel), CH 165(High Channel)	5745 MHz, 5785 MHz, 5825 MHz
802.11ax HE40	CH 151(Low Channel), CH 159(High Channel)	5755MHz, 5795MHz
802.11ax HE80	CH 155(Low Channel)	5775 MHz

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5.5. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	Wifi Certify_1.0.0.7

UNII-1

Mode	Rate	Channel	Soft set value	
			ANT 0	ANT 1
11a	6M	36	10	13
		40	10	13
		48	10	13
11n HT20	MCS0	36	10	10
		40	10	10
		48	10	10
11n HT40	MCS0	38	12	12
		46	12	12
11ac VHT20	MCS0	36	Cover by 11n HT20	
		40		
		48		
11ac VHT40	MCS0	38	Cover by 11n HT40	
		46		
11ac VHT80	MCS0	42	16	16
11ax HE20	MCS0	36	10	10
		40	10	10
		48	10	10
11ax HE40	MCS0	38	12	12
		46	12	12
11ax HE80	MCS0	42	16	16

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UNII-3

Mode	Rate	Channel	Soft set value	
			ANT 0	ANT 1
11a	6M	149	18	17
		157	18	17
		165	18	17
11n HT20	MCS0	149	17	17
		157	17	17
		165	17	17
11n HT40	MCS0	151	17	17
		159	17	17
11ac VHT20	MCS0	149	Cover by 11n HT20	
		157		
		165		
11ac VHT40	MCS0	151	Cover by 11n HT40	
		159		
11ac VHT80	MCS0	155	16	16
11ax HE20	MCS0	149	17	17
		157	17	17
		165	17	17
11ax HE40	MCS0	151	17	17
		159	17	17
11ax HE80	MCS0	155	15	15

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WORSE CASE CONFIGURATIONS

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

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

Test channels referring to section 5.4.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

802.11a 20 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
802.11ax HE20 mode: MCS0
802.11ax HE40 mode: MCS0
802.11ax HE80 mode: MCS0

802.11a support only SISO modes, there are two transmission antennas. The antenna used in any given time can be either ANTENNA 0 or ANTENNA 1. output power measurement for SISO modes on both antennas are reported.

802.11n/ac/ax support only MIMO modes, ANTENNA 0 and ANTENNA 1, used at the same time.
802.11ac VHT20 and VHT40 mode are different from 802.11nHT20 and HT40 only in control messages, so for these 4 modes, only 802.11n HT20 and 802.11n HT40 worst case power modes radiated emission test data are recorded in the report.

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

Conducted output power, power spectral density tests separately on each port with all supported SISO & MIMO port combinations.

Radiated emissions tests were performed with the MIMO modes. These were found to be the worst modulation scheme with regards to emissions after preliminary investigations and, as this mode emits the highest conducted output power level, it was deemed to be the worst case.

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5.6. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
0	5180-5240	PCB antenna	4.2
0	5745-5825	PCB antenna	1.5

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5180-5240	PCB antenna	0.7
1	5745-5825	PCB antenna	2.5

The EUT support Cyclic Shift Diversity(CDD) mode.

MIMO output power port and MIMO PSD port summing were performed in accordance with KDB 662911 D01. For the CDD results the Directional Gain was calculated in accordance with the following mothed.

For output power measurements:
Directional gain= G_{ANT} + Array Gain = 4.2 dBi
G_{ANT} : equal to the gain of the antenna having the highest gain
Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$

For power spectral density (PSD) measurements:
Directional gain= G_{ANT} + Array Gain = 7.21 dBi
Array Gain = 10 log(N_{ANT}/N_{SS}) dB.
N_{ANT} : number of transmit antennas
N_{SS} : number of spatial streams, The worst case directional gain will occur when N_{SS} = 1

IEE Std. 802.11	Transmit and Receive Mode	Description
802.11a	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11n HT20	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11n HT40	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ac VHT20	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ac VHT40	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ac VHT80	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ax HE20	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ax HE40	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
802.11ax HE80	☒2TX, 2RX	ANT 0 and ANT 1 can be used as transmitting/receiving antenna.
Note: 1. BT&WLAN 2.4G, BT & WLAN 5G, WLAN 2.4G & WLAN 5G can't transmit simultaneously (Declared by client) 2. The value of the antenna gain was declared by customer.		

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5.7. SUPPORT UNITS FOR SYSTEM TEST

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	P/N
1	Laptop	ThinkPad	ThinkPad T41 Gen 1	PF-39TXGN

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	Type-C	/	1.0	/

ACCESSORY

Item	Accessory	Brand Name	Model Name	Description
1	Adapter	/	PD-30US	Input: 100-240V~, 50/60Hz 0.8A Max Output: 3.3-11Vdc, 2.27A, 29.92W or 5Vdc 3A, 15W or 9Vdc 3A, 27W or 12Vdc 2.5A, 30W or 15Vdc 2A, 30W

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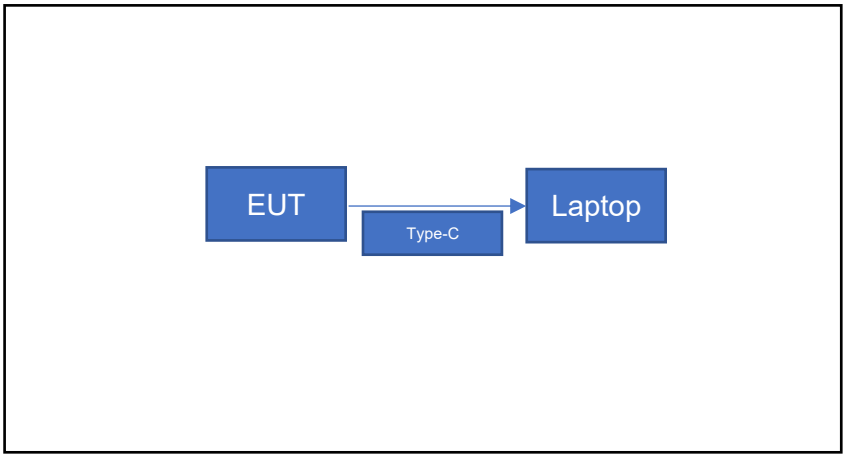
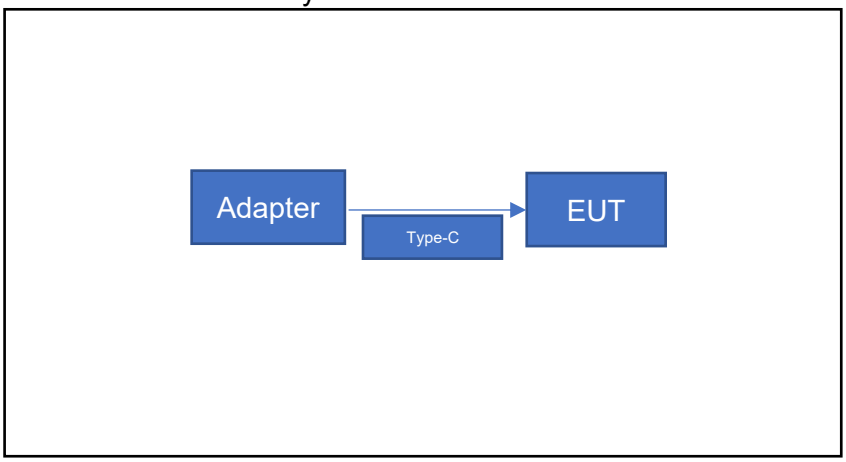
5.8. SETUP DIAGRAM

For others:



For AC power conducted emission only:



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6. MEASURING EQUIPMENT AND SOFTWARE USED

R&S TS 8997 Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Power sensor, Power Meter	R&S	OSP120	100921	Apr.02, 2022	Apr.01, 2023
Power sensor, Power Meter	R&S	OSP120	100921	Mar.31, 2023	Mar.30, 2024
Vector Signal Generator	R&S	SMBV100A	261637	Oct.17, 2022	Oct.16, 2023
Signal Generator	R&S	SMB100A	178553	Oct.17, 2022	Oct.16, 2023
Signal Analyzer	R&S	FSV40	101118	Oct.17, 2022	Oct.16, 2023
Software					
Description	Manufacturer	Name	Version		
For R&S TS 8997 Test System	Rohde & Schwarz	EMC 32	10.60.10		

Tonsend RF Test System					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Wideband Radio Communication Tester	R&S	CMW500	155523	Oct.17, 2022	Oct.16, 2023
Wireless Connectivity Tester	R&S	CMW270	1201.0002N75-102	Sep.28, 2022	Sep.27, 2023
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Oct.17, 2022	Oct.16, 2023
PXA Signal Analyzer	Keysight	N9030A	MY55410512	Oct.12, 2023	Oct.11, 2024
MXG Vector Signal Generator	Keysight	N5182B	MY56200284	Oct.17, 2022	Oct.16, 2023
MXG Vector Signal Generator	Keysight	N5172B	MY56200301	Oct.17, 2022	Oct.16, 2023
DC power supply	Keysight	E3642A	MY55159130	Oct.17, 2022	Oct.16, 2023
Temperature & Humidity Chamber	SANMOOD	SG-80-CC-2	2088	Oct.17, 2022	Oct.16, 2023
Software					
Description	Manufacturer	Name	Version		
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System	2.6.77.0518		

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Conducted Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
EMI Test Receiver	R&S	ESR3	101961	Oct.17, 2022	Oct.16, 2023
Two-Line V-Network	R&S	ENV216	101983	Oct.17, 2022	Oct.16, 2023
Artificial Mains Networks	Schwarzbeck	NSLK 8126	8126465	Oct.17, 2022	Oct.16, 2023
Software					
Description			Manufacturer	Name	Version
Test Software for Conducted Emissions			Farad	EZ-EMC	Ver. UL-3A1

Radiated Emissions					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
MXE EMI Receiver	KESIGHT	N9038A	MY56400036	Oct.17, 2022	Oct.16, 2023
Hybrid Log Periodic Antenna	TDK	HLP-3003C	130959	Aug.02, 2021	Aug.01, 2024
Preamplifier	HP	8447D	2944A09099	Oct.17, 2022	Oct.16, 2023
EMI Measurement Receiver	R&S	ESR26	101377	Oct.17, 2022	Oct.16, 2023
Horn Antenna	TDK	HRN-0118	130940	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-0118	TRS-305-00067	Oct.17, 2022	Oct.16, 2023
Horn Antenna	Schwarzbeck	BBHA9170	697	July 20, 2021	July 19, 2024
Preamplifier	TDK	PA-02-2	TRS-307-00003	Oct.17, 2022	Oct.16, 2023
Preamplifier	TDK	PA-02-3	TRS-308-00002	Oct.17, 2022	Oct.16, 2023
Loop antenna	Schwarzbeck	1519B	00008	Dec.14, 2021	Dec.13, 2024
Preamplifier	TDK	PA-02-001-3000	TRS-302-00050	Oct.17, 2022	Oct.16, 2023
Preamplifier	Mini-Circuits	ZX60-83LN-S+	SUP01202035	Oct.17, 2022	Oct.16, 2023
High Pass Filter	Wi	WHKX10-2700-3000-18000-40SS	23	Oct.17, 2022	Oct.16, 2023
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV12-5695-5725-5850-5880-40SS	4	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV20-5120-5150-5350-5380-60SS	2	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCJV20-5440-5470-	1	Oct.17, 2022	Oct.16, 2023

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		5725-5755-60SS			
Band Reject Filter	Wainwright	WRCJV8-2350-2400-2483.5-2533.5-40SS	4	Oct.17, 2022	Oct.16, 2023
Band Reject Filter	Wainwright	WRCD5-1879-1879.85-1880.15-1881-40SS	1	Oct.17, 2022	Oct.16, 2023
Notch Filter	Wainwright	WHJ10-882-980-7000-40SS	1	Oct.17, 2022	Oct.16, 2023
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

Other Instrument					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due Date
Temperature humidity probe	OMEGA	ITHX-SD-5	18470007	Oct.22, 2022	Oct.21, 2023
Barometer	Yiyi	Baro	N/A	Oct.24, 2022	Oct.23, 2023
Attenuator	Agilent	8495B	2814a12853	Oct.18, 2022	Oct.17, 2023

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7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

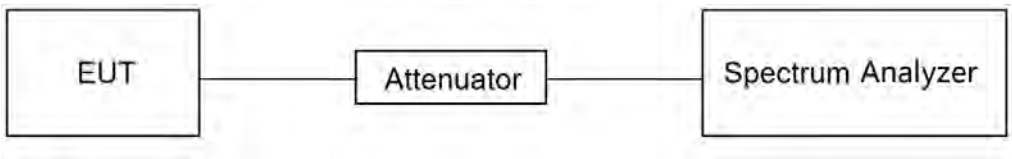
None; for reporting purposes only.

TEST PROCEDURE

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	25.1℃	Relative Humidity	53.8%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.27 V

TEST DATE / ENGINEER

Test Date	Feb. 24, 2023	Test By	Johnson Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix F

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7.2. 6DB AND 26DB EMISSION BANDWIDTH AND 99% OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15, Subpart E ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
26 dB Emission Bandwidth	For reporting purposes only.	5150 ~ 5250
6 dB Emission Bandwidth	The minimum 6 dB emission bandwidth shall be 500 kHz.	5725 ~ 5850
99 % Occupied Bandwidth	For reporting purposes only.	5150 ~ 5825 (For ISED)

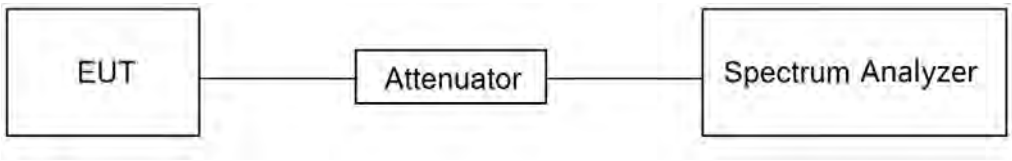
TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.C2. for 6 dB Emission Bandwidth; section II.D. for 99 % Occupied Bandwidth.
Connect the EUT to the spectrum analyser and use the following settings:

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

a) Use the 99 % power bandwidth function of the instrument, allow the trace to stabilize and report the measured bandwidth.
b) 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 6/26 dB relative to the maximum level measured in the fundamental emission.

TEST SETUP



TEST ENVIRONMENT

Temperature	25.1℃	Relative Humidity	53.8%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.27 V

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TEST DATE / ENGINEER

Test Date	Feb. 24, 2023	Test By	Johnson Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix A&B

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7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power	☐ Outdoor Access Point: 1 W (30 dBm) ☐ Indoor Access Point: 1 W (30 dBm) ☐ Fixed Point-To-Point Access Points: 1 W (30 dBm) ☒ Client Devices: 250 mW (24 dBm)	5150 ~ 5250
	Shall not exceed 1 Watt (30 dBm).	5725 ~ 5850

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Conducted Output Power or e.i.r.p.	The maximum e.i.r.p. shall not exceed 200 mW (23 dBm) or 10 + 10 $\log_{10}$B, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.	5150 ~ 5250
	Shall not exceed 1 Watt (30 dBm). The e.i.r.p. shall not exceed 4 W	5725 ~ 5850

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

TEST PROCEDURE

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

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

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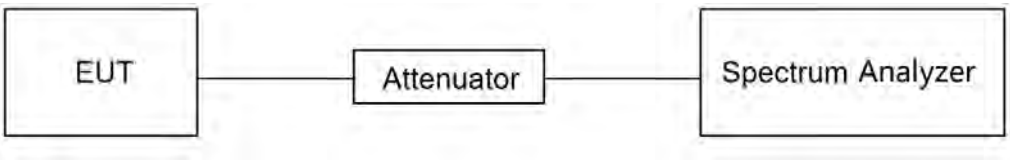
TEST SETUP



TEST ENVIRONMENT

Temperature	25.1℃	Relative Humidity	53.8%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.27 V

TEST DATE / ENGINEER

Test Date	Feb. 24, 2023	Test By	Johnson Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix D

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7.4. POWER SPECTRAL DENSITY

LIMITS

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

ISED RSS-247 ISSUE 3		
Test Item	Limit	Frequency Range (MHz)
Power Spectral Density	The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.	5150 ~ 5250
	30 dBm / 500 kHz	5725 ~ 5850

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

TEST PROCEDURE

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

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

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

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

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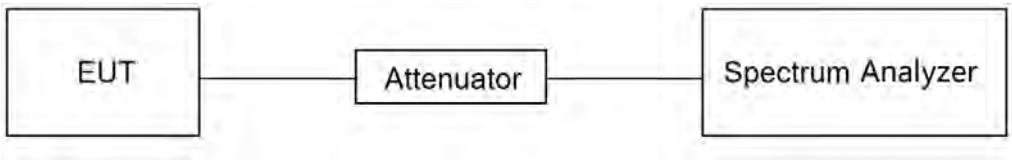
For U-NII-3:

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	25.1℃	Relative Humidity	53.8%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.27 V

TEST DATE / ENGINEER

Test Date	Feb. 24, 2023	Test By	Johnson Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix E

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7.5. FREQUENCY STABILITY

LIMITS

The frequency of the carrier signal shall be maintained within band of operation.

TEST PROCEDURE

1. The EUT was placed inside an environmental chamber as the temperature in the chamber was varied between -10 °C ~ 45 °C (declared by customer).

2. The temperature was incremented by 10 °C intervals and the unit allowed to stabilize at each temperature before each measurement. The center frequency of the transmitting channel was evaluated at each temperature and the frequency deviation from the channel's center frequency was recorded.

3. The primary supply voltage is varied from 85 % to 115 % of the nominal value for non hand-carried battery and AC powered equipment. For hand-carried, battery-powered equipment, primary supply voltage is reduced to the battery operating end point which shall be specified by the manufacturer.

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

Center Frequency	The center frequency of the channel under test
Detector	Peak
RBW	10 kHz
VBW	≥3 × RBW
Span	Encompass the entire emissions bandwidth (EBW) of the signal
Trace	Max hold
Sweep time	Auto

4. While maintaining a constant temperature inside the environmental chamber, turn the EUT on and record the operating frequency at startup, and at 2 minutes, 5minutes, and 10 minutes after the EUT is energized.

5. Allow the trace to stabilize, find the peak value of the power envelope and record the frequency, then calculated the frequency drift.

TEST ENVIRONMENT

	Normal Test Conditions	Extreme Test Conditions
Relative Humidity	20 % - 75 %	/
Atmospheric Pressure	100 kPa ~102 kPa	/
Temperature	T_N (Normal Temperature): 25.1 °C	T_L (Low Temperature): -10 °C
		T_H (High Temperature): 45 °C
Supply Voltage	V_N (Normal Voltage): DC 7.27 V	V_L (Low Voltage): DC 6.1795 V
		V_H (High Voltage): DC 8.3605V

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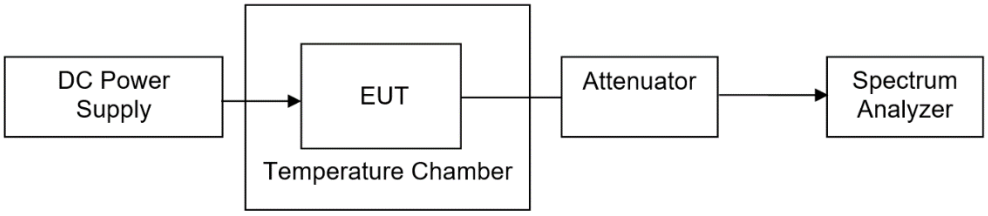
TEST SETUP



TEST ENVIRONMENT

Temperature	25.1℃	Relative Humidity	53.8%
Atmosphere Pressure	101kPa	Test Voltage	DC 7.27 V

TEST DATE / ENGINEER

Test Date	Feb. 24, 2023	Test By	Johnson Liu

TEST RESULTS

Please refer to section "Test Data" - Appendix G

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8. RADIATED TEST RESULTS

LIMITS

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

Refer to ISED RSS-GEN Clause 8.9, Clause 8.10 and ISED RSS-247 6.2.

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

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

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

ISED General field strength limits at frequencies below 30 MHz

Table 6 – General field strength limits at frequencies below 30 MHz

Frequency	Magnetic field strength (H-Field) (µA/m)	Measurement distance (m)
9 - 490 kHz[Note 1]	6.37/F (F in kHz)	300
490 - 1705 kHz	63.7/F (F in kHz)	30
1.705 - 30 MHz	0.08	30

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

ISED Restricted bands refer to ISED RSS-GEN Clause 8.10

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Table 7 – Restricted frequency bands[Note 1]		
MHz	MHz	GHz
0.090 - 0.110	149.9 - 150.05	9.0 - 9.2
0.495 - 0.505	156.52475 - 156.52525	9.3 - 9.5
2.1735 - 2.1905	156.7 - 156.9	10.6 - 12.7
3.020 - 3.026	162.0125 - 167.17	13.25 - 13.4
4.125 - 4.128	167.72 - 173.2	14.47 - 14.5
4.17725 - 4.17775	240 – 285	15.35 - 16.2
4.20725 - 4.20775	322 - 335.4	17.7 - 21.4
5.677 - 5.683	399.9 - 410	22.01 - 23.12
6.215 - 6.218	608 - 614	23.6 - 24.0
6.26775 - 6.26825	960 - 1427	31.2 - 31.8
6.31175 - 6.31225	1435 - 1626.5	36.43 - 36.5
8.291 - 8.294	1645.5 - 1646.5	Above 38.6
8.362 - 8.366	1660 - 1710	
8.37625 - 8.38675	1718.8 - 1722.2	
8.41425 - 8.41475	2200 - 2300	
12.29 - 12.293	2310 - 2390	
12.51975 - 12.52025	2483.5 - 2500	
12.57675 - 12.57725	2655 - 2900	
13.36 - 13.41	3260 – 3267	
16.42 - 16.423	3332 - 3339	
16.69475 - 16.69525	3345.8 - 3358	
16.80425 - 16.80475	3500 - 4400	
25.5 - 25.67	4500 - 5150	
37.5 - 38.25	5350 - 5460	
73 - 74.6	7250 - 7750	
74.8 - 75.2	8025 – 8500	
108 – 138		

Note 1: Certain frequency bands listed in table 7 and in bands above 38.6 GHz are designated for licence-exempt applications. These frequency bands and the requirements that apply to related devices are set out in the 200 and 300 series of RSSs.

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

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

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

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Limits of unwanted/undesirable emission out of the restricted bands refer to CFR 47 FCC §15.407 (b) and ISED RSS-247 6.2.

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)
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 PROCEDURE

Below 30 MHz

The setting of the spectrum analyser

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

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

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

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

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

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

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

7. Although these tests were performed other than open field site, adequate comparison measurements were confirmed against 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.

8. The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example,

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the measurement frequency X KHz resulted in a level of Y dBuV/m, which is equivalent to Y-51.5 = Z dBuA/m, which has the same margin, W dB, to the corresponding RSS-GEN Table 6 limit as it has to be 15.209(a) limit.

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Below 1 GHz and above 30 MHz

The setting of the spectrum analyser

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

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

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

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

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

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

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Above 1 GHz

The setting of the spectrum analyser

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

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

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

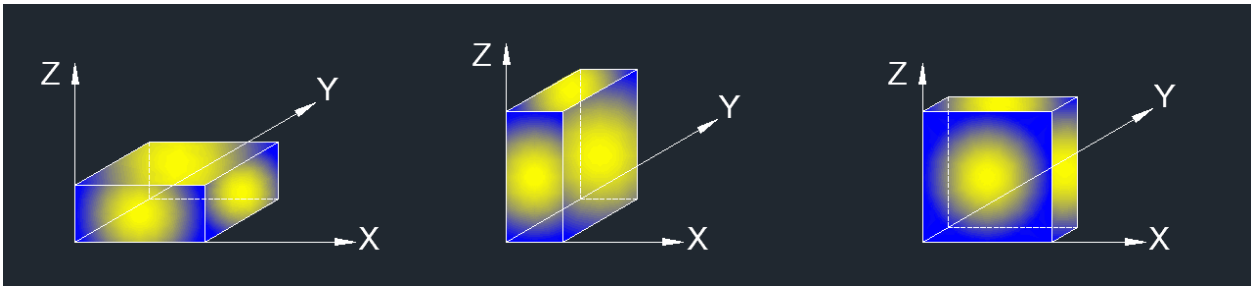
3. The EUT was placed on a turntable with 1.5 m above ground.

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

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

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

X axis, Y axis, Z axis positions:



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

Note 2: The EUT 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.

For Band edge note:

1. Measurement = Reading Level + Correct Factor.
2. If the Peak values are less than the Average limit of 54 dBuV/m, the Average result is

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deemed to comply with Average limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

7. Horizontal and Vertical have been tested, only the worst data was recorded in the report.

8. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 1GHz-7GHz note:

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

2. If the Peak values are less than the Average limit of 54 dBuV/m, the Average result is deemed to comply with Average limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

9. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 7GHz-18GHz note:

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

2. If the Peak values are less than the Average limit of 54 dBuV/m, the Average result is deemed to comply with Average limit.

3. Peak: Peak detector.

4. AVG: VBW=1/Ton, where: Ton is the transmitting duration.

5. For the transmitting duration, please refer to clause 7.1.

6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.

7. Proper operation of the transmitter prior to adding the filter to the measurement chain.

8. Since non-restricted band peak emissions are less than the average limit, they also comply with the -27dBm/MHz (68.2dBuV/m) limit.

9. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 9kHz-30MHz note:

Note: 1. Measurement = Reading Level + Correct Factor
(dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).

2. If the Peak values are less than the QP limit, the QP result is deemed to comply with QP limit.

3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 18GHz-26GHz note:

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

2. If the Peak values are less than the Average limit of 54 dBuV/m, the Average result is deemed to comply with Average limit.

3. Peak: Peak detector.

4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 26GHz-40GHz note:

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

2. If the Peak values are less than the Average limit of 54 dBuV/m, the Average result is deemed to comply with Average limit.

3. Peak: Peak detector.

4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious emission 30MHz-1GHz note:

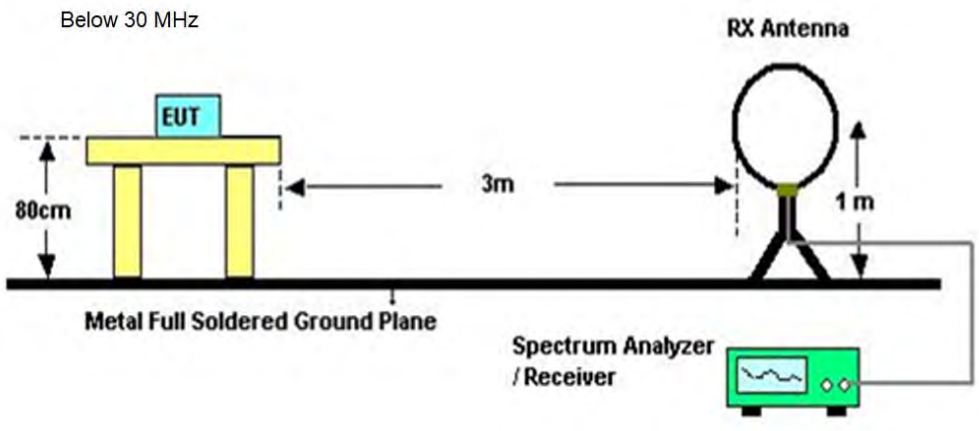
1. Result Level = Read Level + Correct Factor.

2. If the Peak values are less than the QP limit, the QP result is deemed to comply with QP limit.

3. Test setup: RBW: 120 kHz, VBW: 300 kHz, Sweep time: auto.

4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

TEST SETUP



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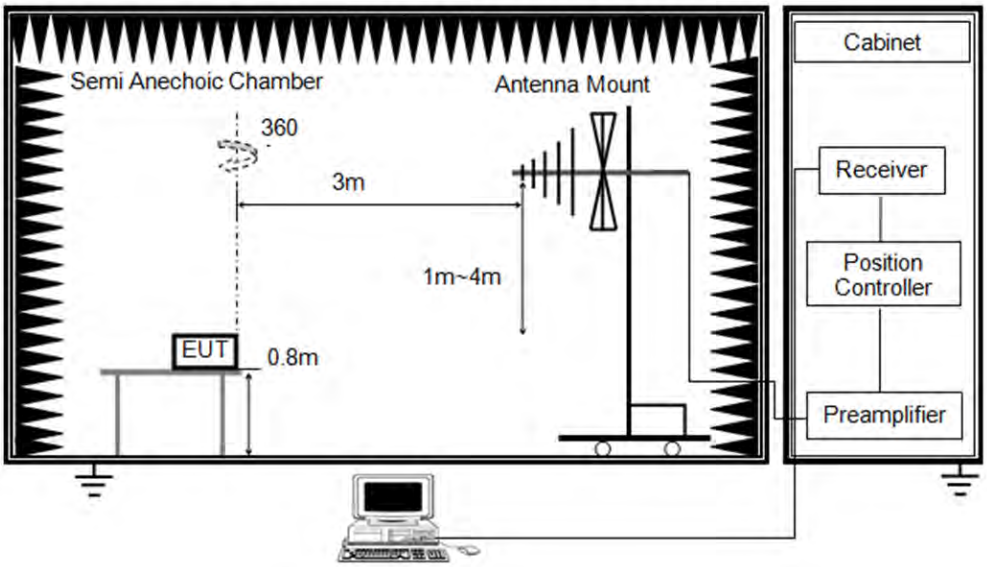
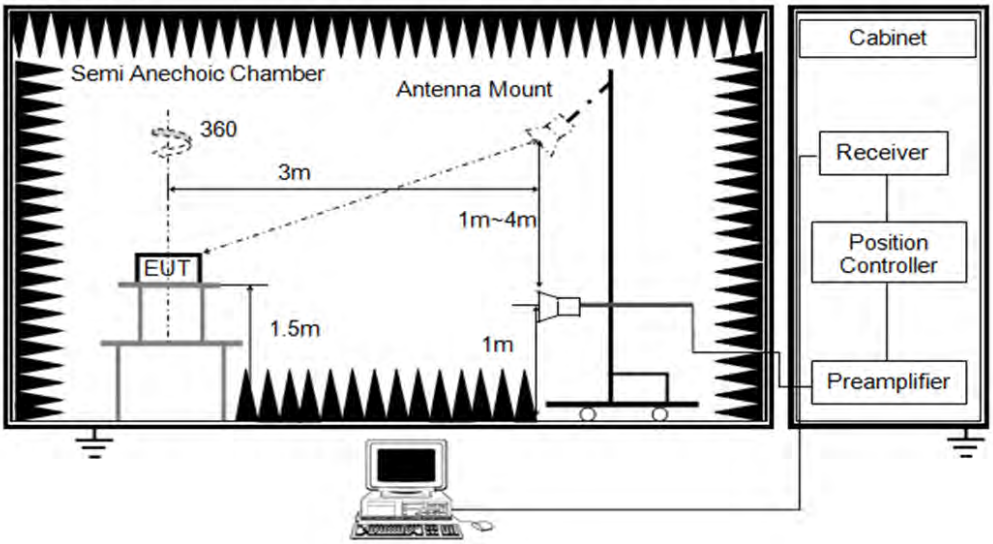
Below 1 GHz and above 30 MHz



Above 1 GHz



TEST ENVIRONMENT

Temperature	25.2℃	Relative Humidity	62%
Atmosphere Pressure	101kPa	Test Voltage	

TEST DATE / ENGINEER

Test Date	Feb. 10, 2023	Test By	Rex Huang

TEST RESULTS

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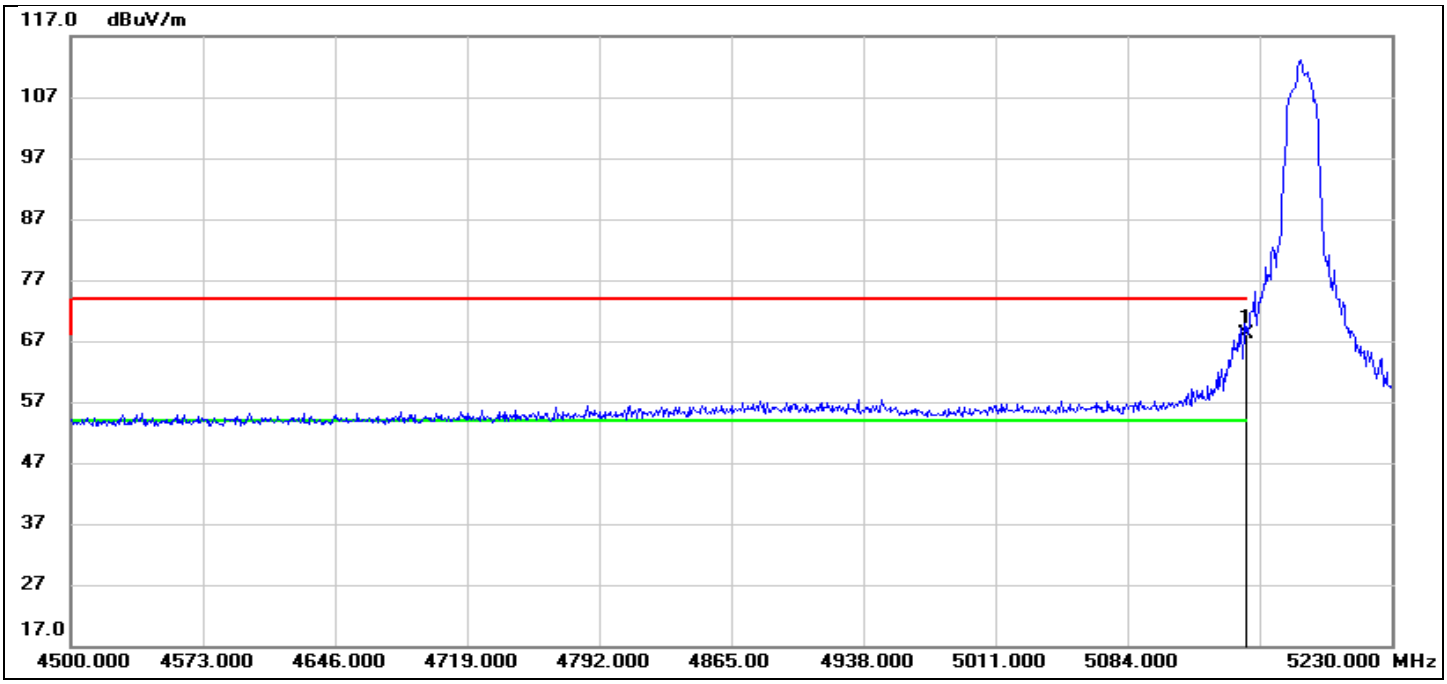
8.1. RESTRICTED BANDEDGE

Test Mode:	802.11a 20 PK	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	
1	5150.000	27.87	40.27	68.14	74.00	-5.86	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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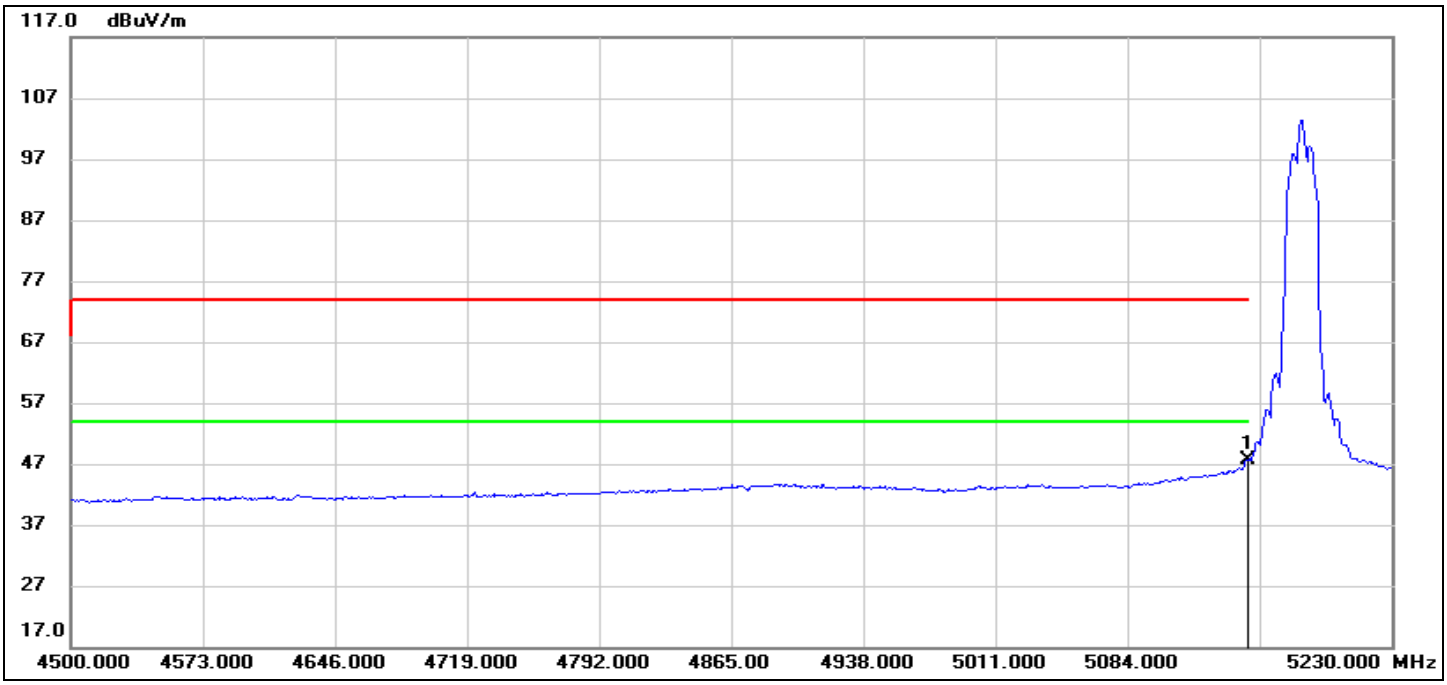
Test Mode:	802.11a 20 AV	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V

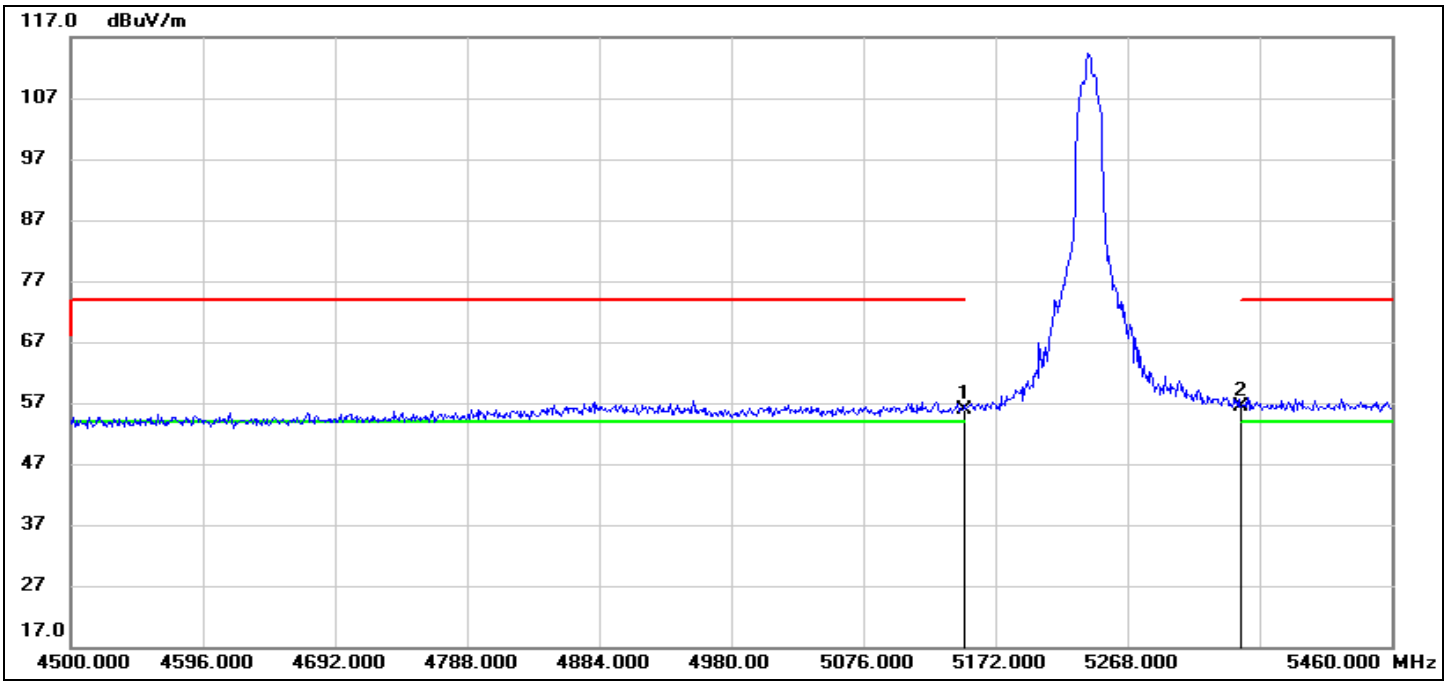


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	7.42	40.27	47.69	54.00	-6.31	AVG

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

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

Test Mode:	802.11a 20 PK	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V

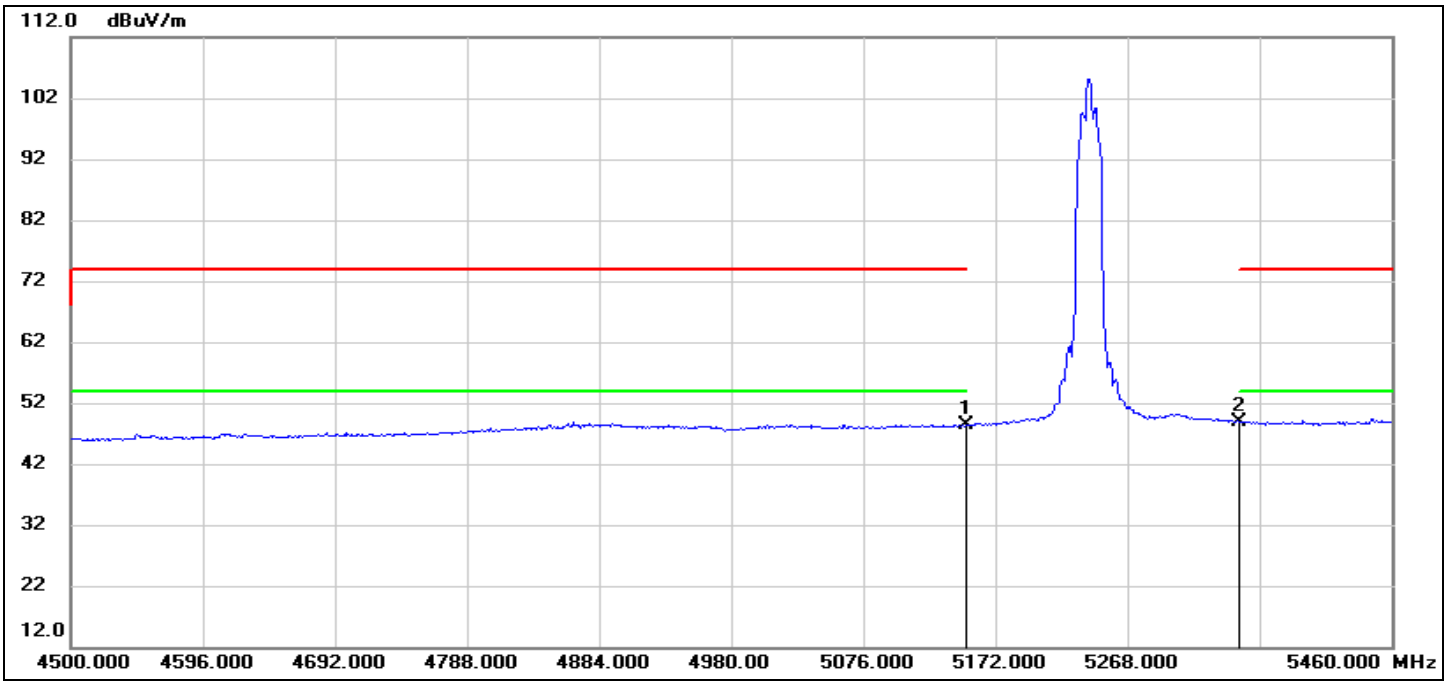


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	15.73	40.27	56.00	74.00	-18.00	peak
2	5350.000	15.96	40.49	56.45	74.00	-17.55	peak

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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

Test Mode:	802.11a 20 AV	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	8.02	40.27	48.29	54.00	-5.71	AVG
2	5350.000	8.37	40.49	48.86	54.00	-5.14	AVG

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

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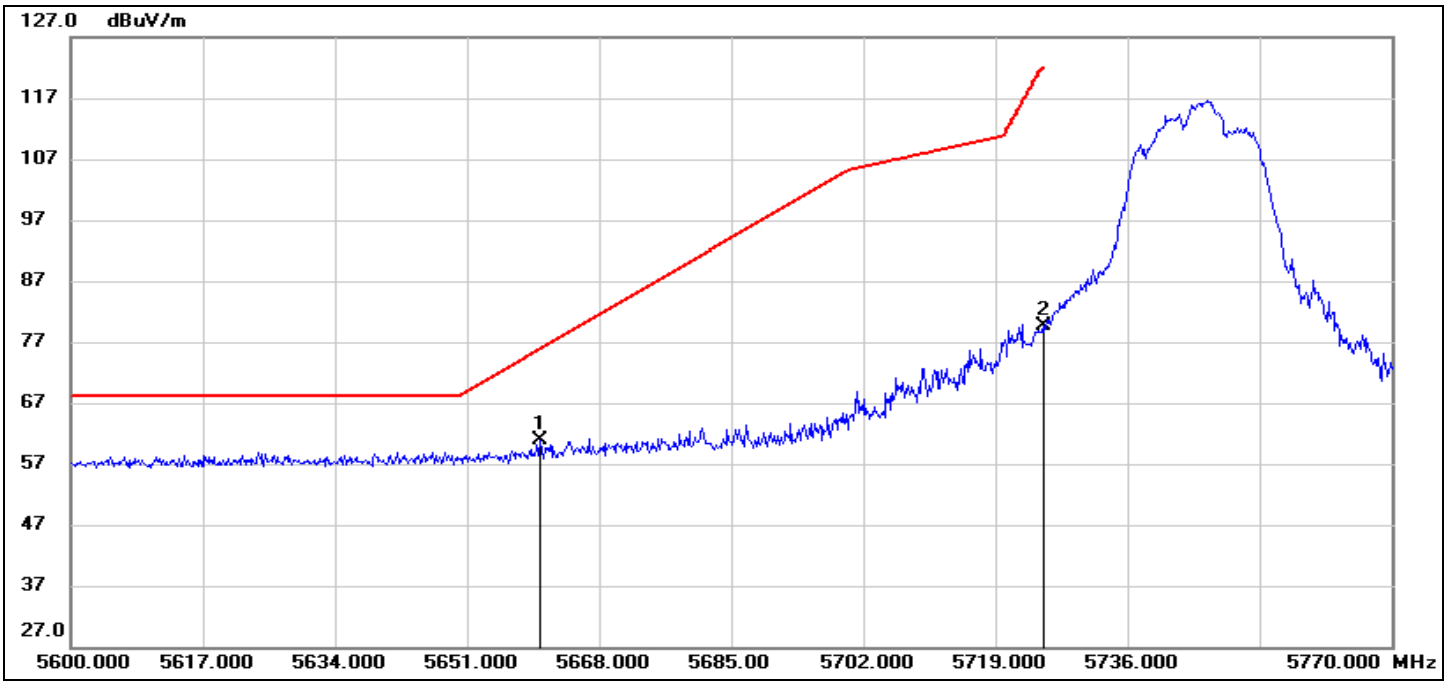
Test Mode:	802.11a 20 PK	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5660.350	19.81	41.09	60.90	75.89	-14.99	peak
2	5725.000	38.48	41.27	79.75	122.20	-42.45	peak

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

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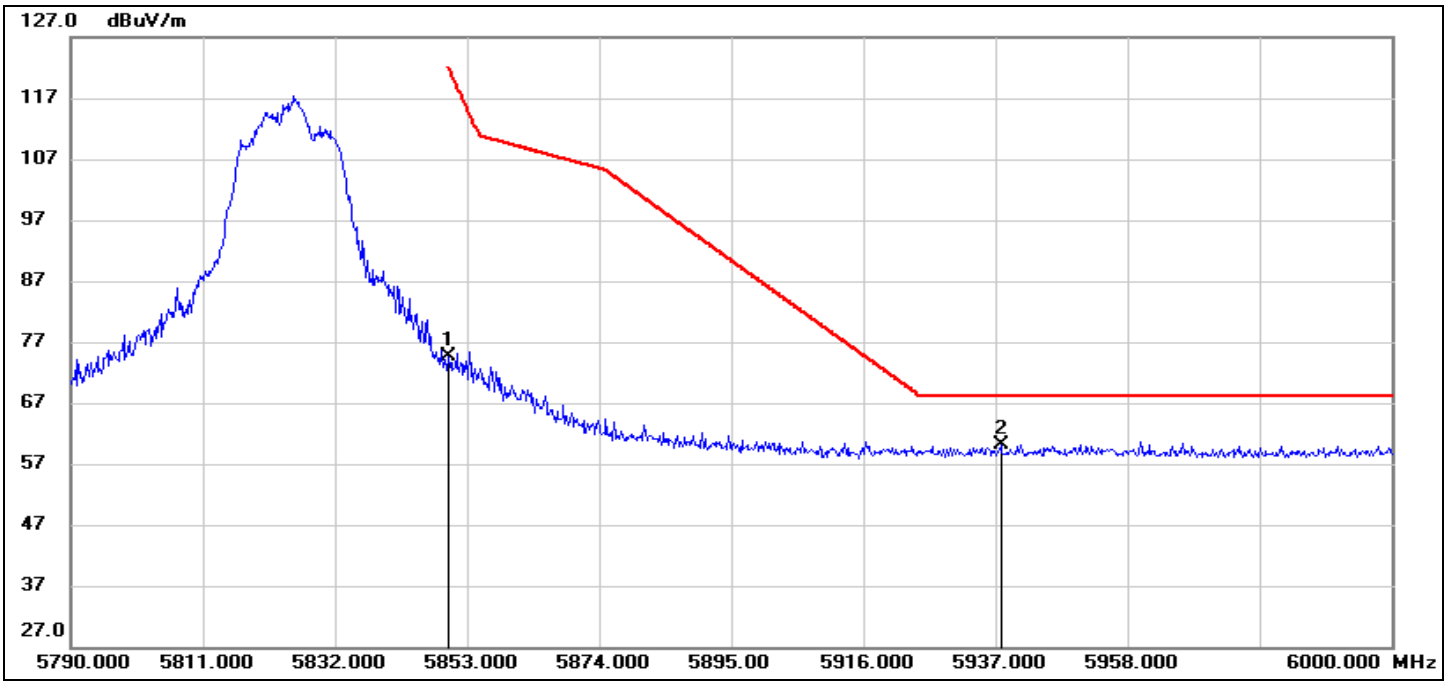
Test Mode:	802.11a 20 PK	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	33.03	41.60	74.63	122.20	-47.57	peak
2	5937.840	18.28	41.84	60.12	68.20	-8.08	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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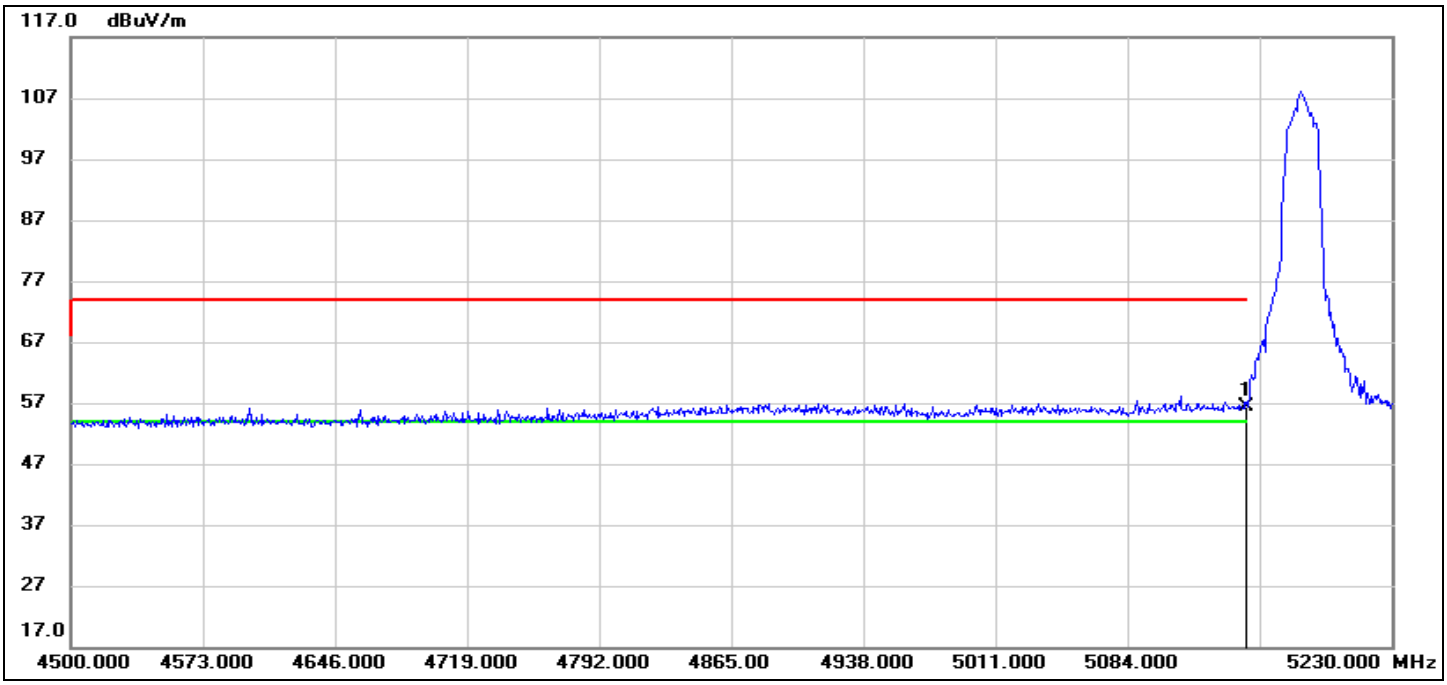
Test Mode:	802.11n HT20 PK	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	16.19	40.27	56.46	74.00	-17.54	peak

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

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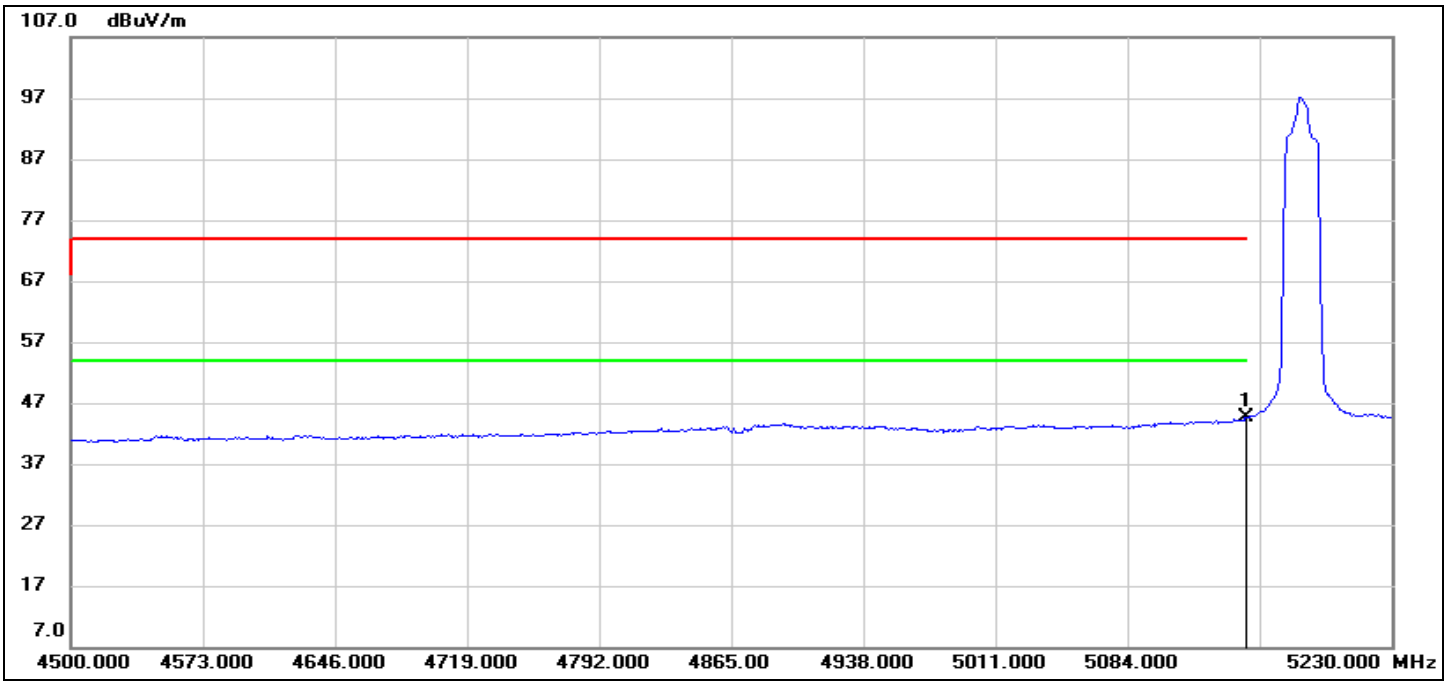
Test Mode:	802.11n HT20 AV	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	4.33	40.27	44.60	54.00	-9.40	AVG

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

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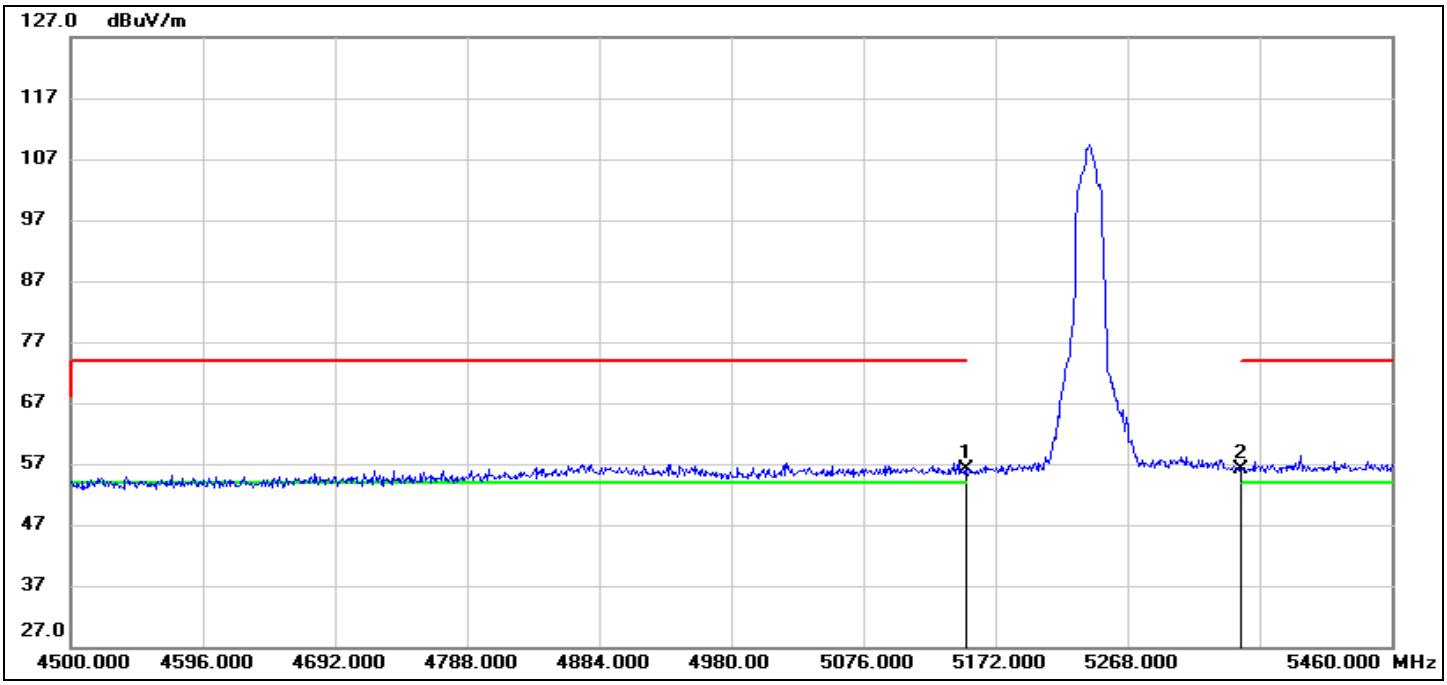
Test Mode:	802.11n HT20 PK	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V

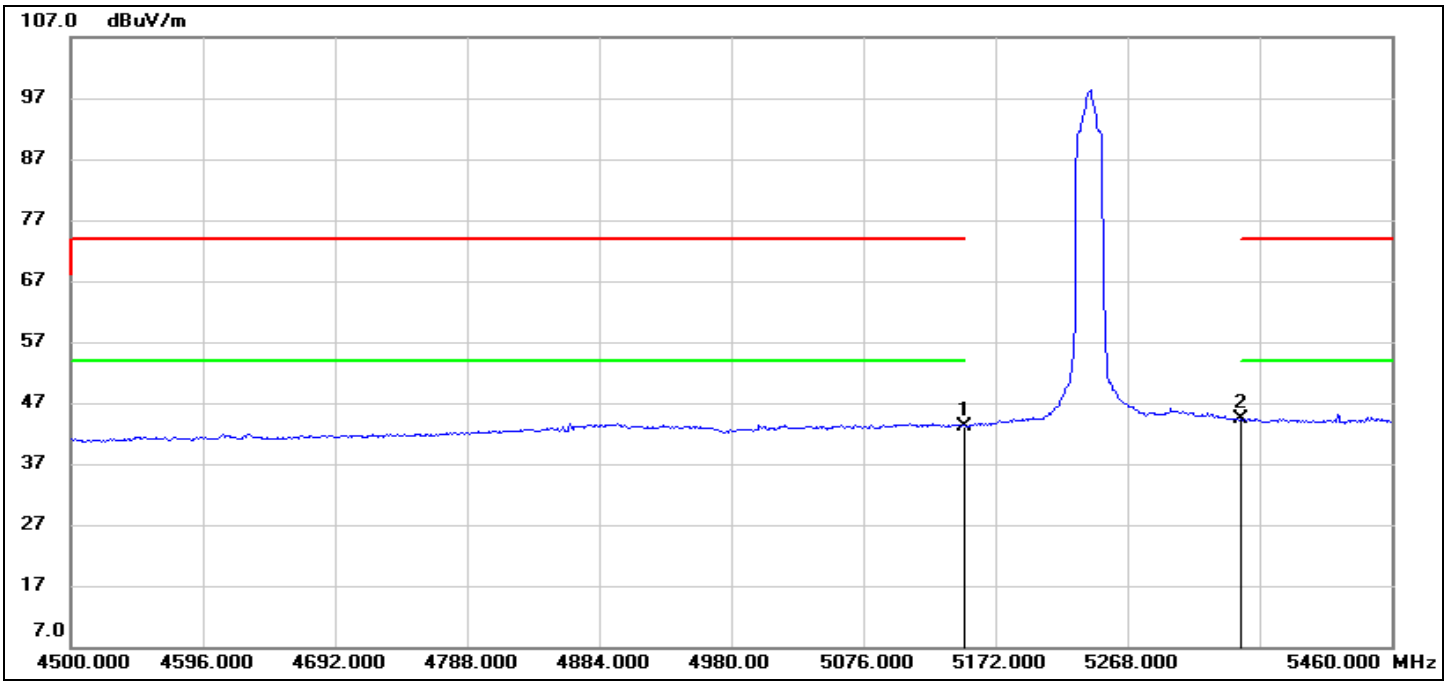


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	15.96	40.27	56.23	74.00	-17.77	peak
2	5350.000	15.72	40.49	56.21	74.00	-17.79	peak

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

This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

Test Mode:	802.11n HT20 AV	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	2.91	40.27	43.18	54.00	-10.82	AVG
2	5350.000	3.80	40.49	44.29	54.00	-9.71	AVG

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

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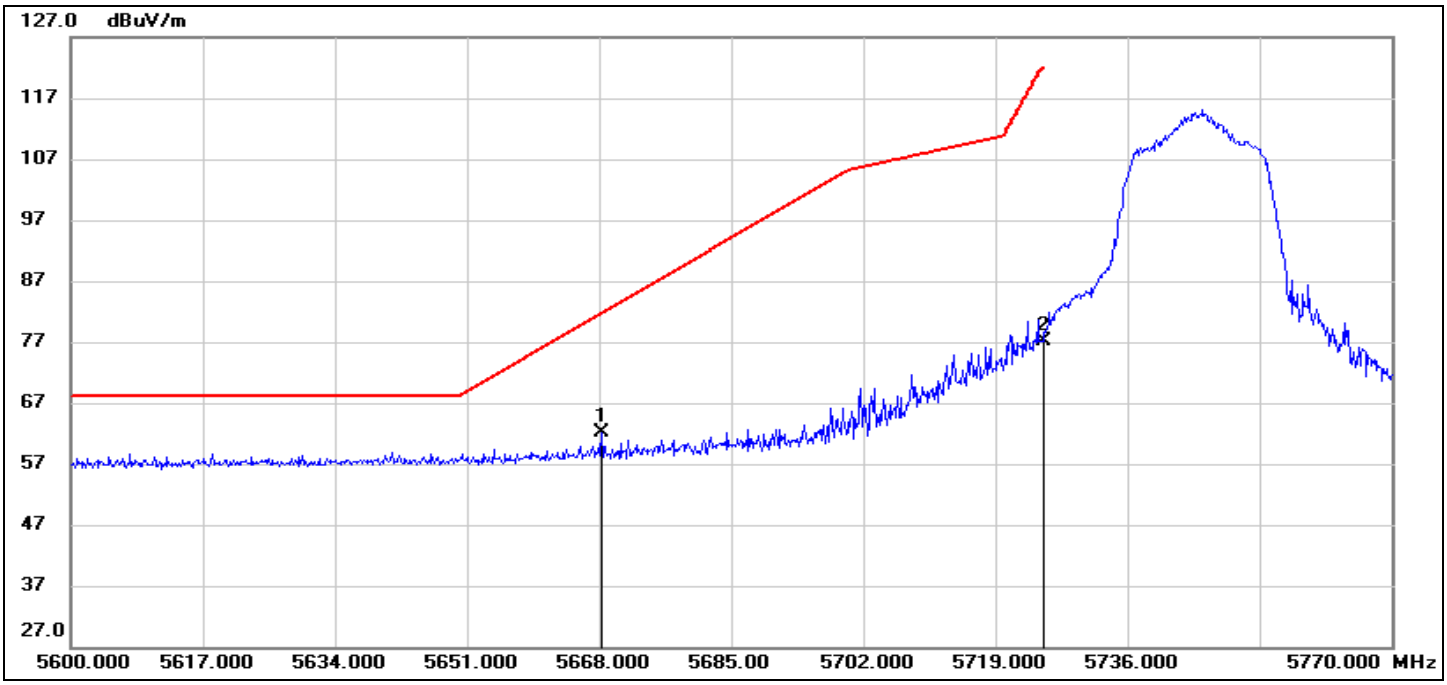
Test Mode:	802.11n HT20 PK	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5668.340	20.90	41.11	62.01	81.81	-19.80	peak
2	5725.000	35.92	41.27	77.19	122.20	-45.01	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 data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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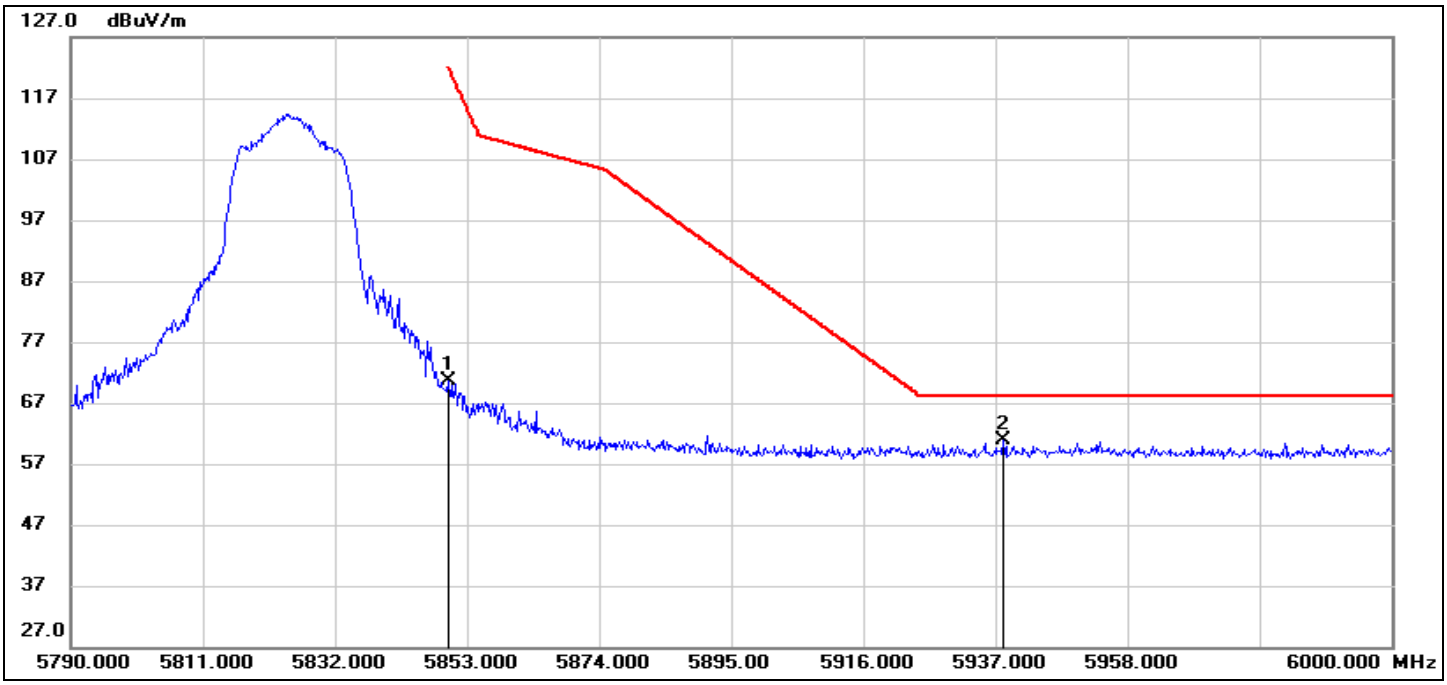
Test Mode:	802.11n HT20 PK	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	29.06	41.60	70.66	122.20	-51.54	peak
2	5938.260	19.00	41.84	60.84	68.20	-7.36	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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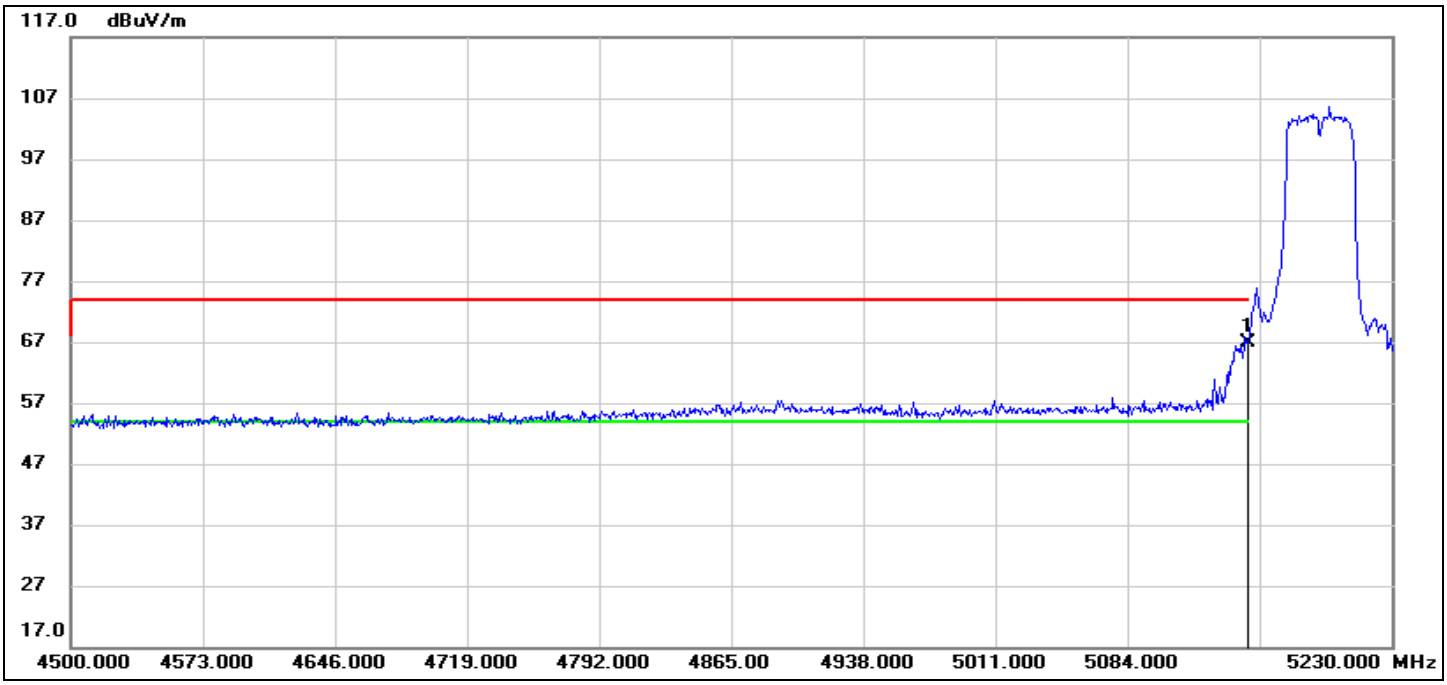
Test Mode:	802.11n HT40 PK	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	26.68	40.27	66.95	74.00	-7.05	peak

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

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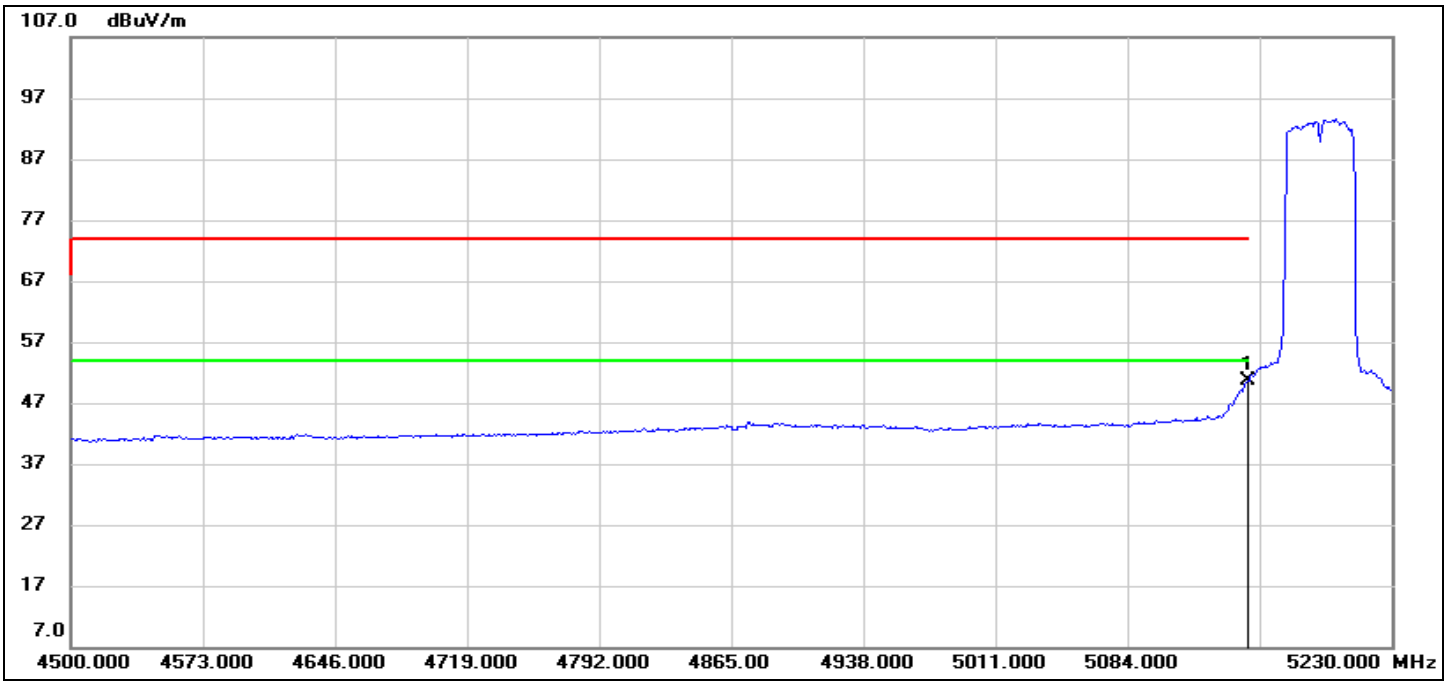
Test Mode:	802.11n HT40 AV	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.32	40.27	50.59	54.00	-3.41	AVG

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

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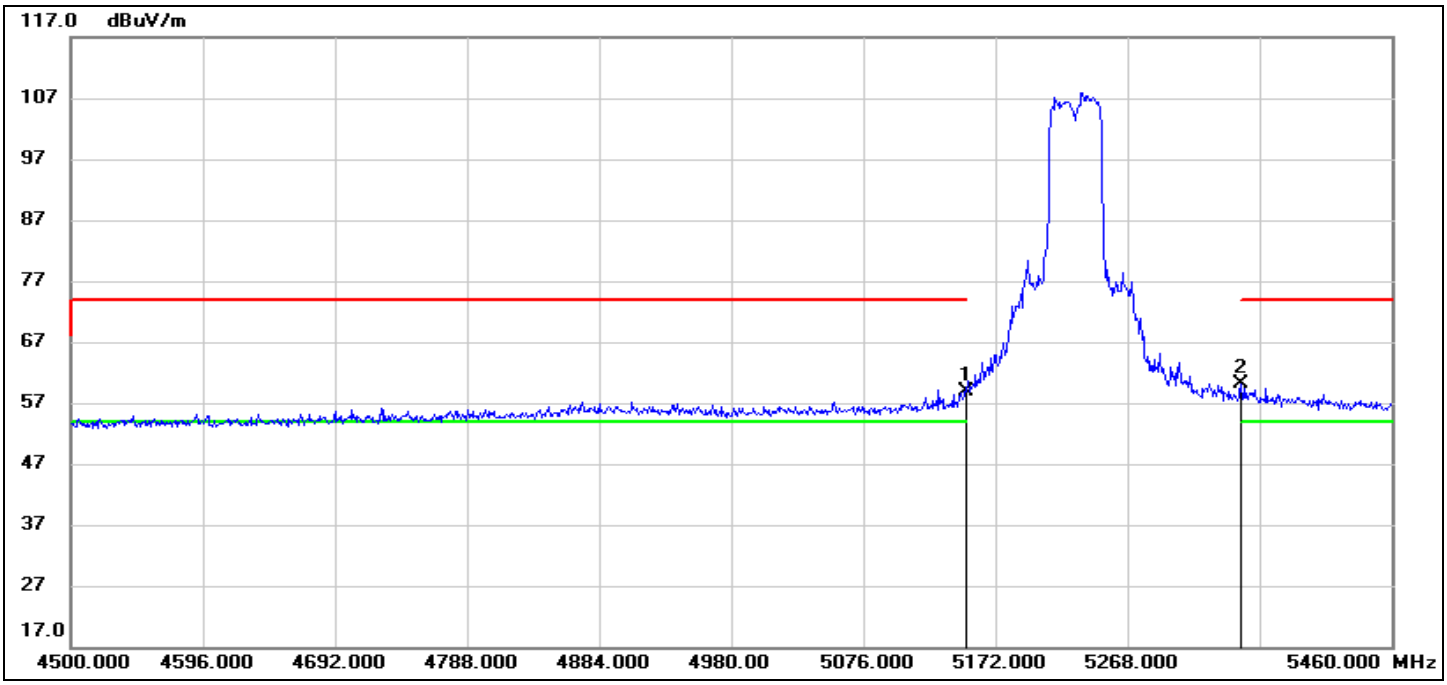
Test Mode:	802.11n HT40 PK	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	18.57	40.27	58.84	74.00	-15.16	peak
2	5350.000	19.53	40.49	60.02	74.00	-13.98	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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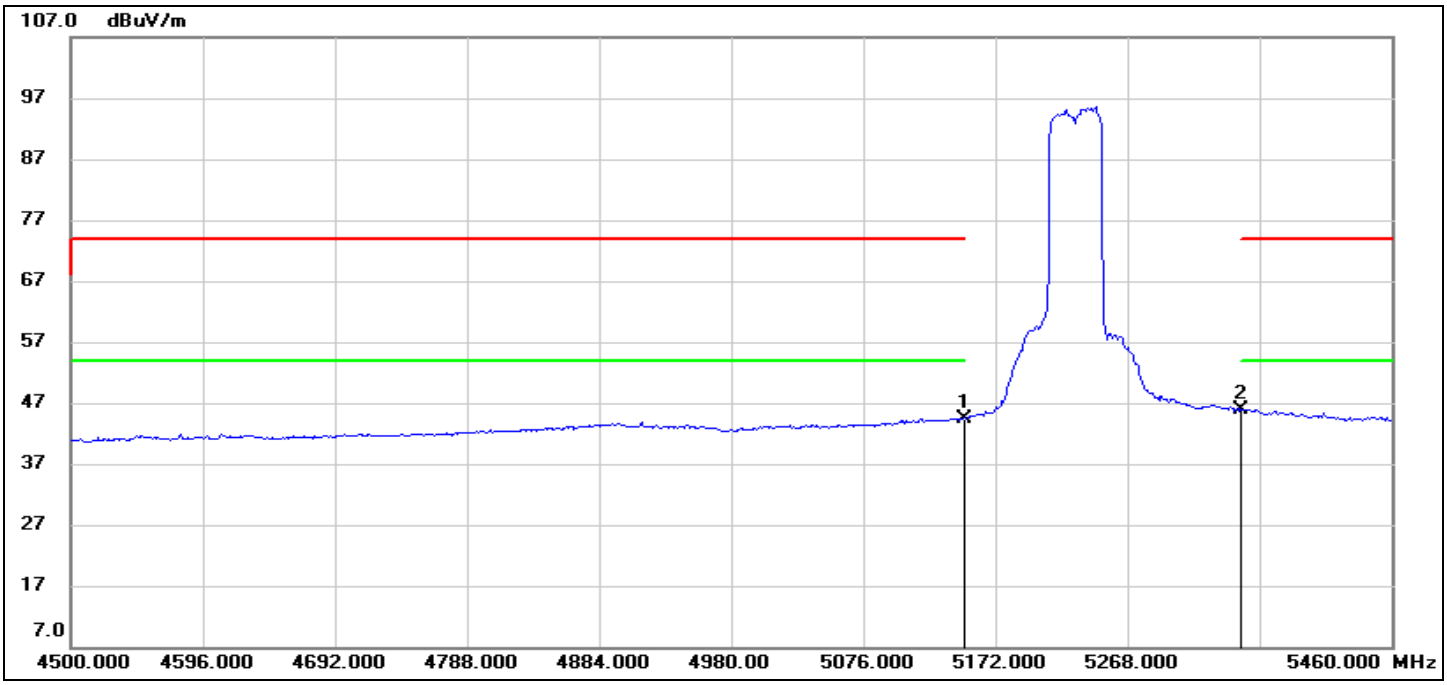
Test Mode:	802.11n HT40 AV	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	4.18	40.27	44.45	54.00	-9.55	AVG
2	5350.000	5.43	40.49	45.92	54.00	-8.08	AVG

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

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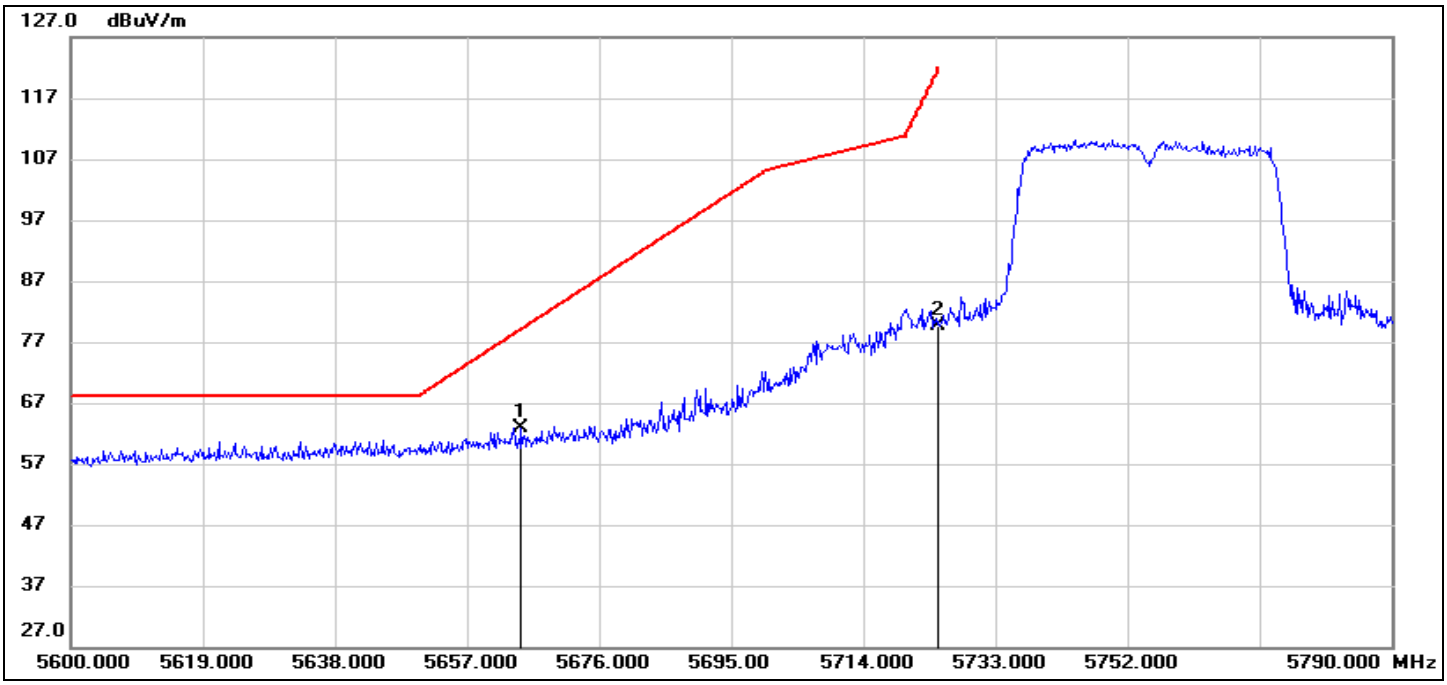
Test Mode:	802.11n HT40 PK	Channel:	5755
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5664.790	21.82	41.10	62.92	79.18	-16.26	peak
2	5725.000	38.41	41.27	79.68	122.20	-42.52	peak

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

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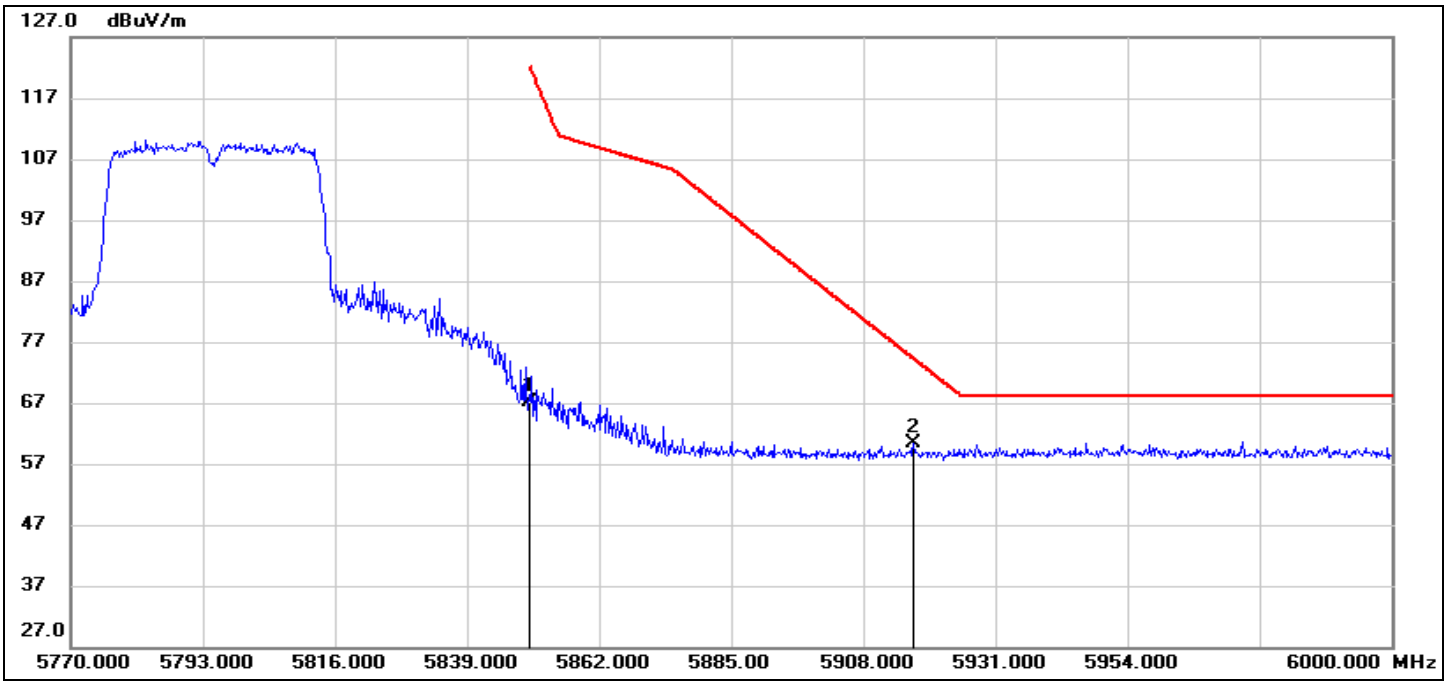
Test Mode:	802.11n HT40 PK	Channel:	5795
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	25.54	41.60	67.14	122.20	-55.06	peak
2	5916.740	18.55	41.78	60.33	74.29	-13.96	peak

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

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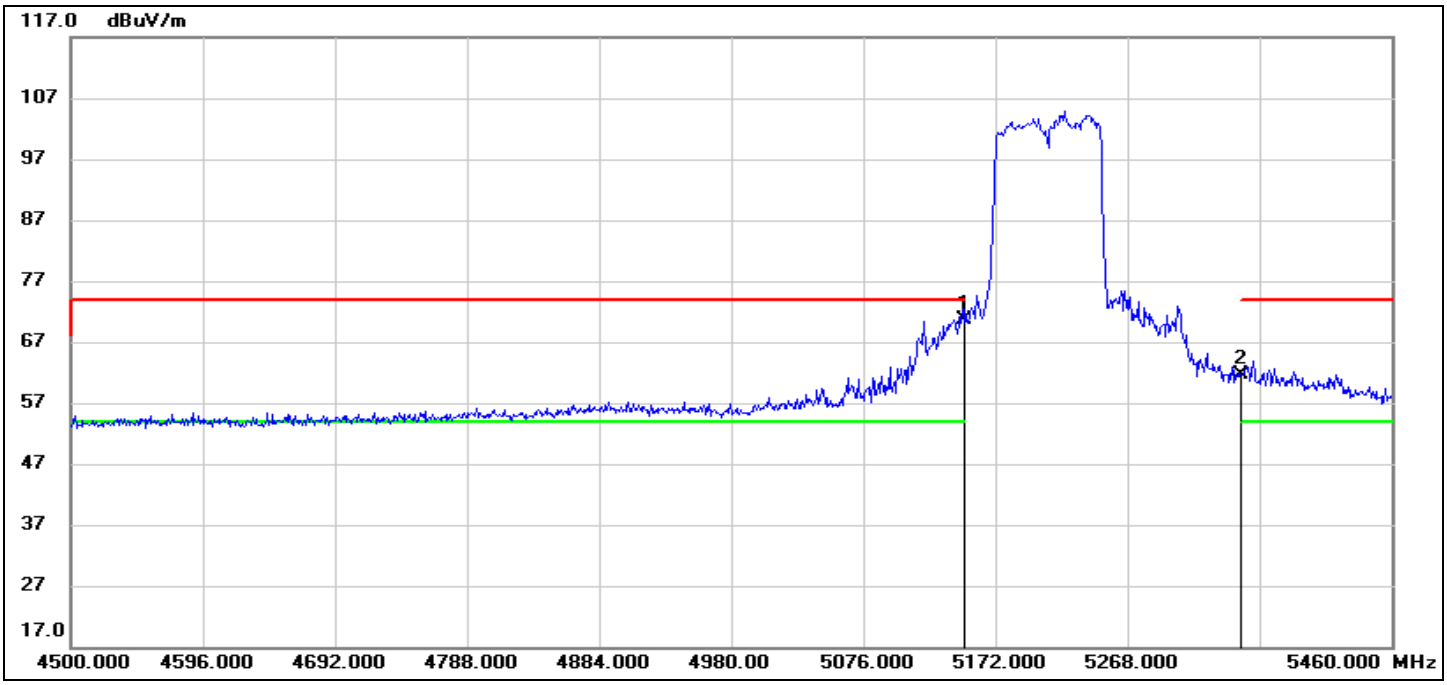
Test Mode:	802.11ac VHT80 PK	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	30.31	40.27	70.58	74.00	-3.42	peak
2	5350.000	21.19	40.49	61.68	74.00	-12.32	peak

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

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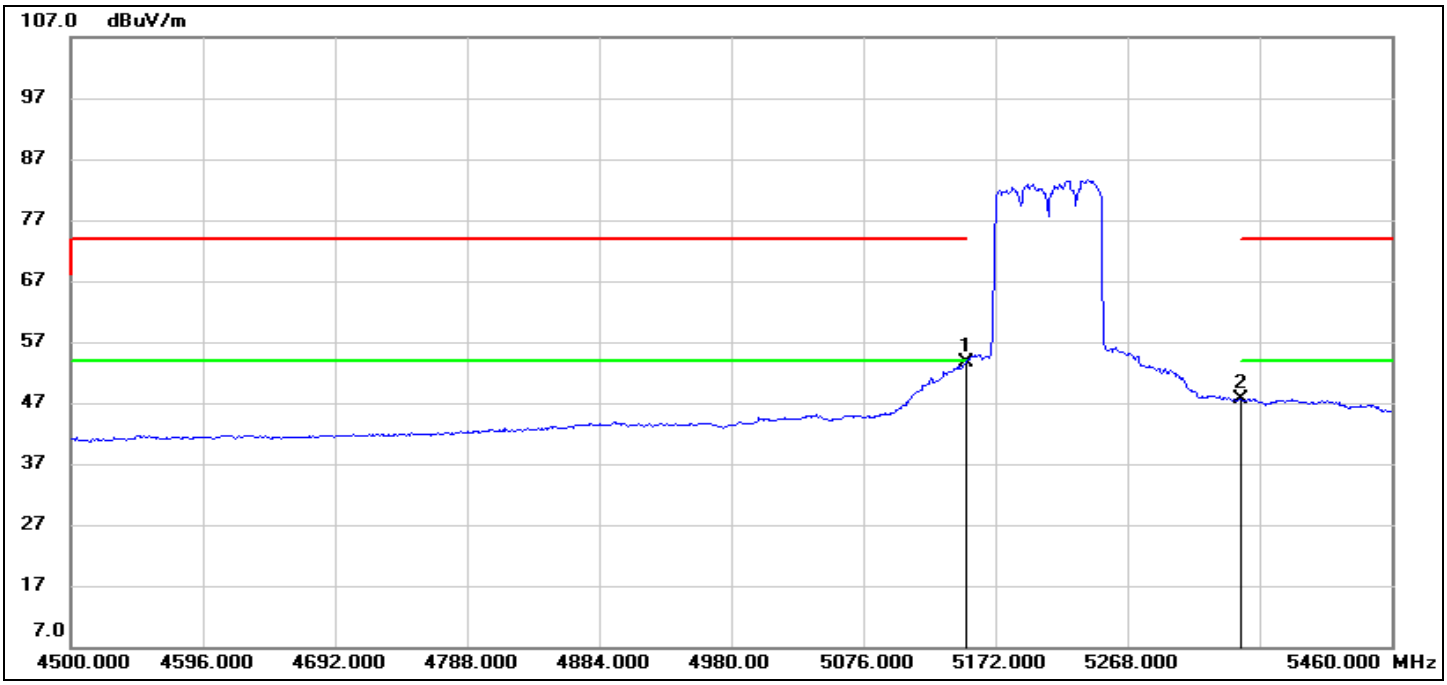
Test Mode:	802.11ac VHT80 AV	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	13.36	40.27	53.63	54.00	-0.37	AVG
2	5350.000	7.10	40.49	47.59	54.00	-6.41	AVG

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

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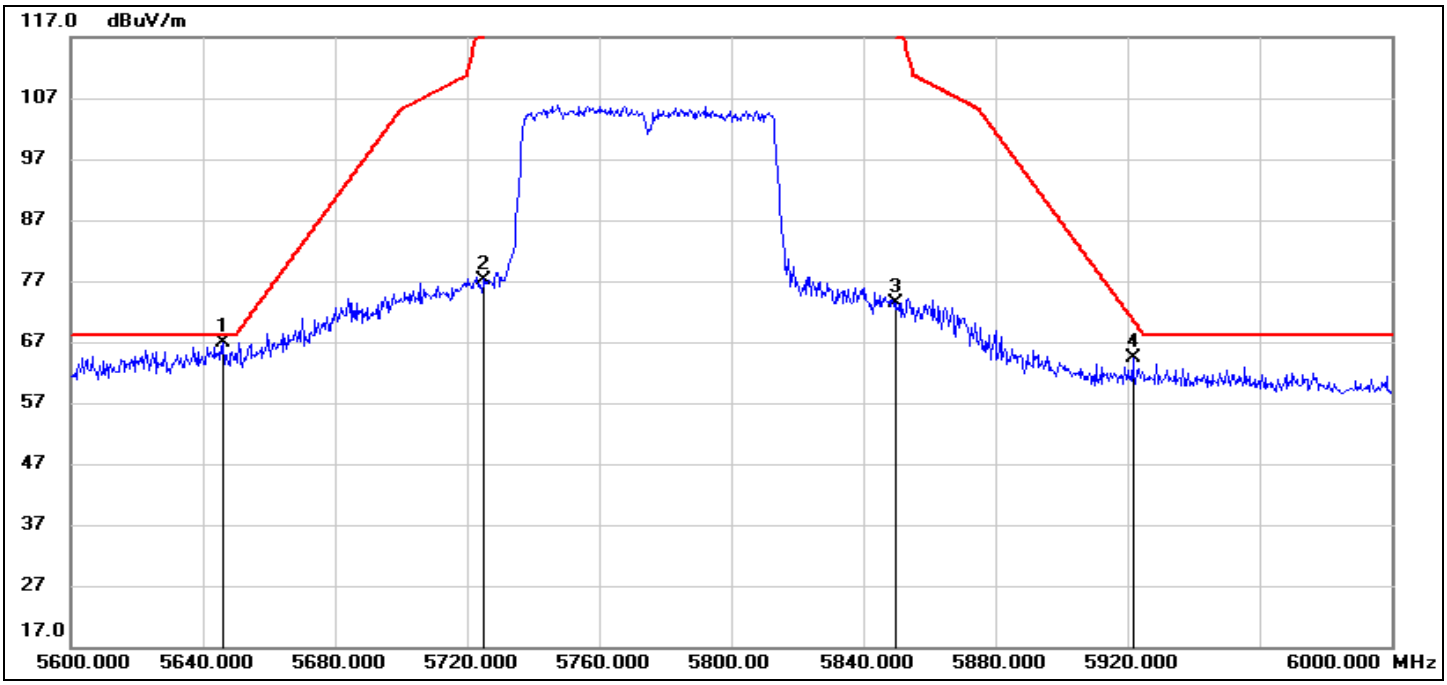
Test Mode:	802.11ac VHT80 PK	Channel:	5775
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5646.000	25.72	41.06	66.78	68.20	-1.42	peak
2	5725.000	35.98	41.27	77.25	122.20	-44.95	peak
3	5850.000	31.83	41.60	73.43	122.20	-48.77	peak
4	5921.600	22.59	41.79	64.38	70.71	-6.33	peak

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

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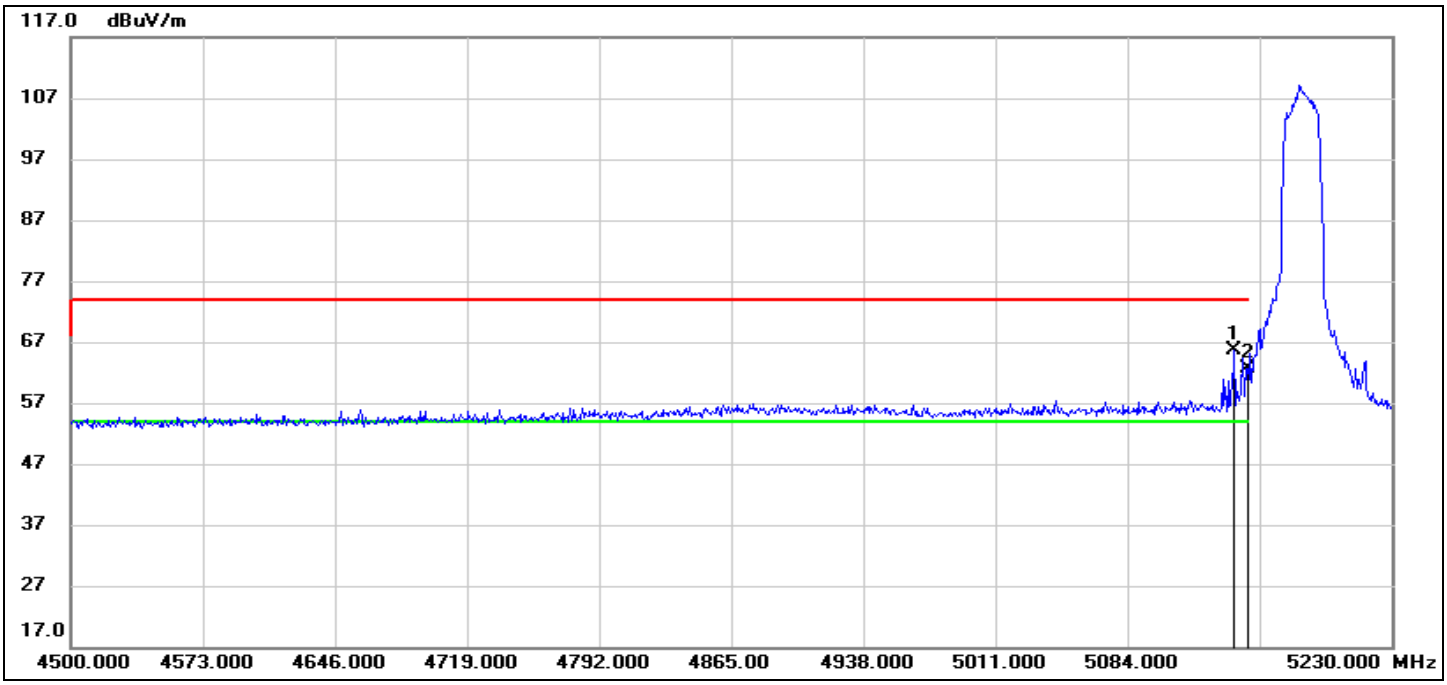
Test Mode:	802.11ax HE20 PK	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.130	25.24	40.27	65.51	74.00	-8.49	peak
2	5150.000	22.39	40.27	62.66	74.00	-11.34	peak

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

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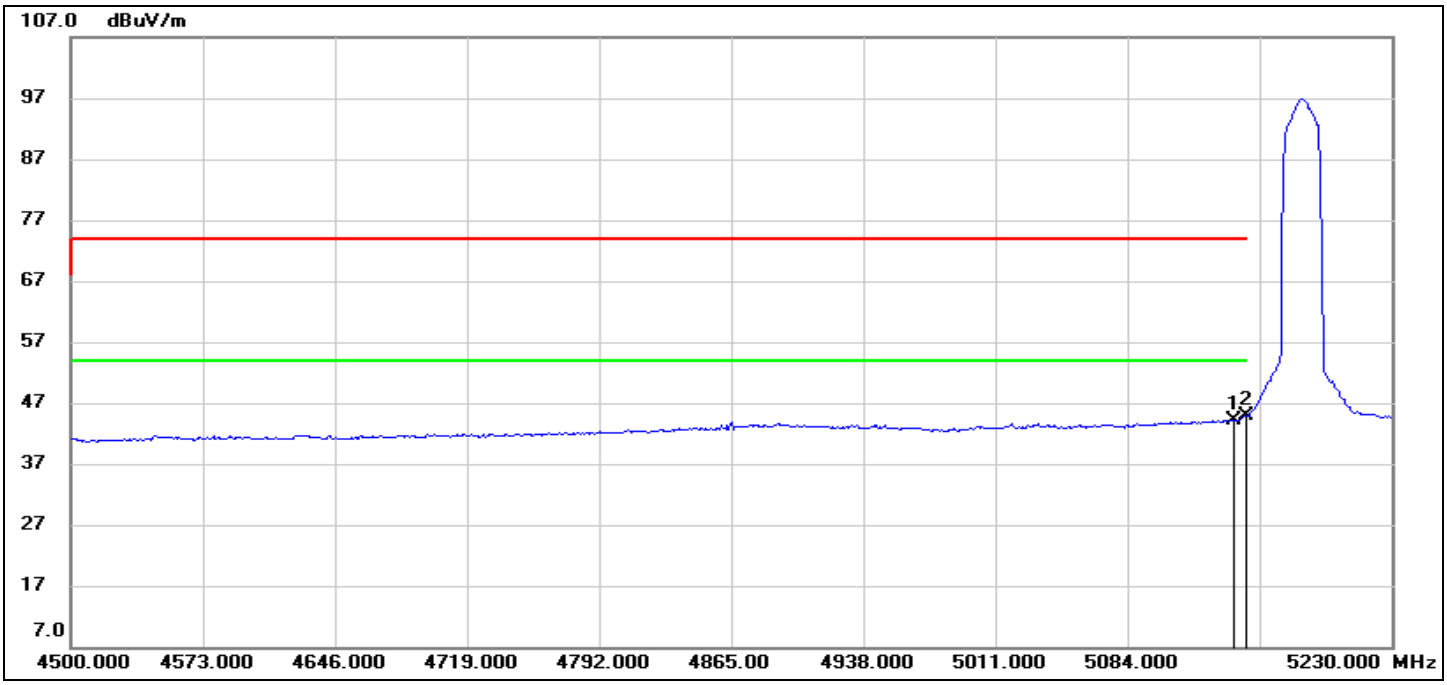
Test Mode:	802.11ax HE20 AV	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.130	3.95	40.27	44.22	54.00	-9.78	AVG
2	5150.000	4.55	40.27	44.82	54.00	-9.18	AVG

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

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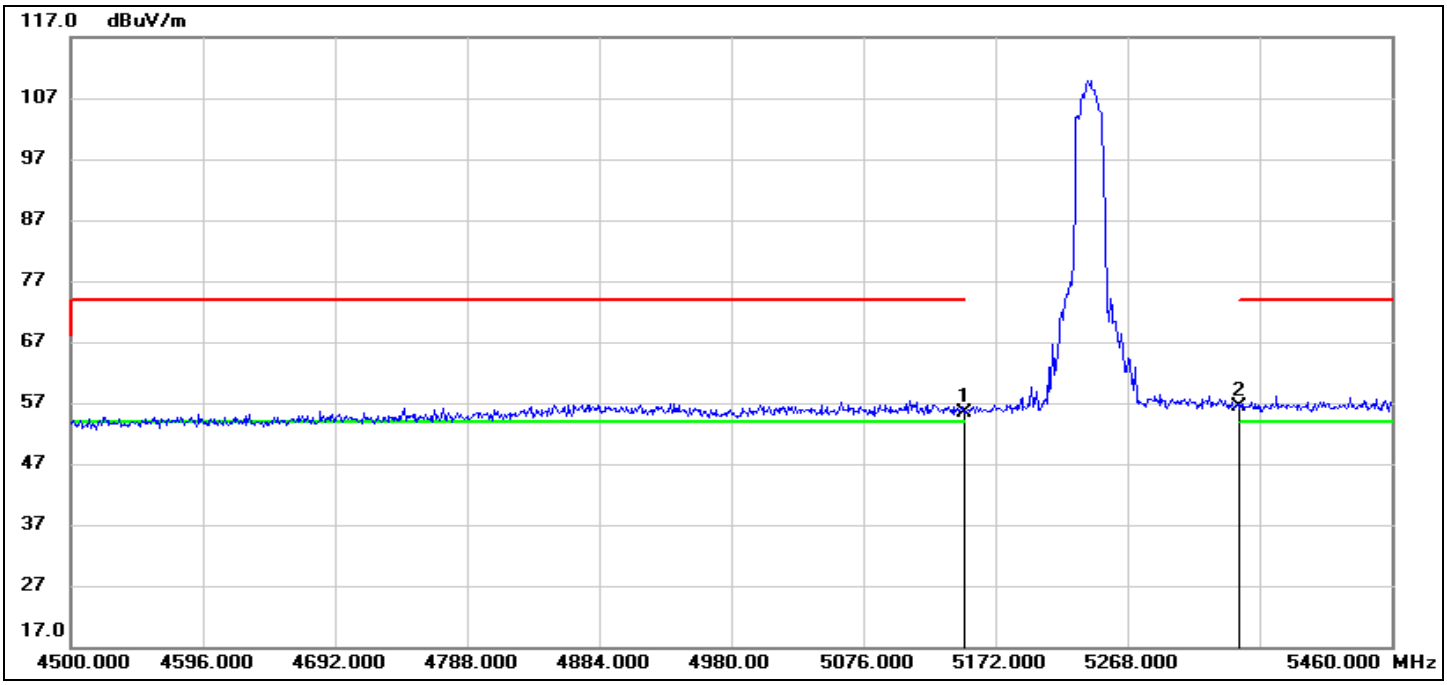
Test Mode:	802.11ax HE20 PK	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	15.03	40.27	55.30	74.00	-18.70	peak
2	5350.000	15.82	40.49	56.31	74.00	-17.69	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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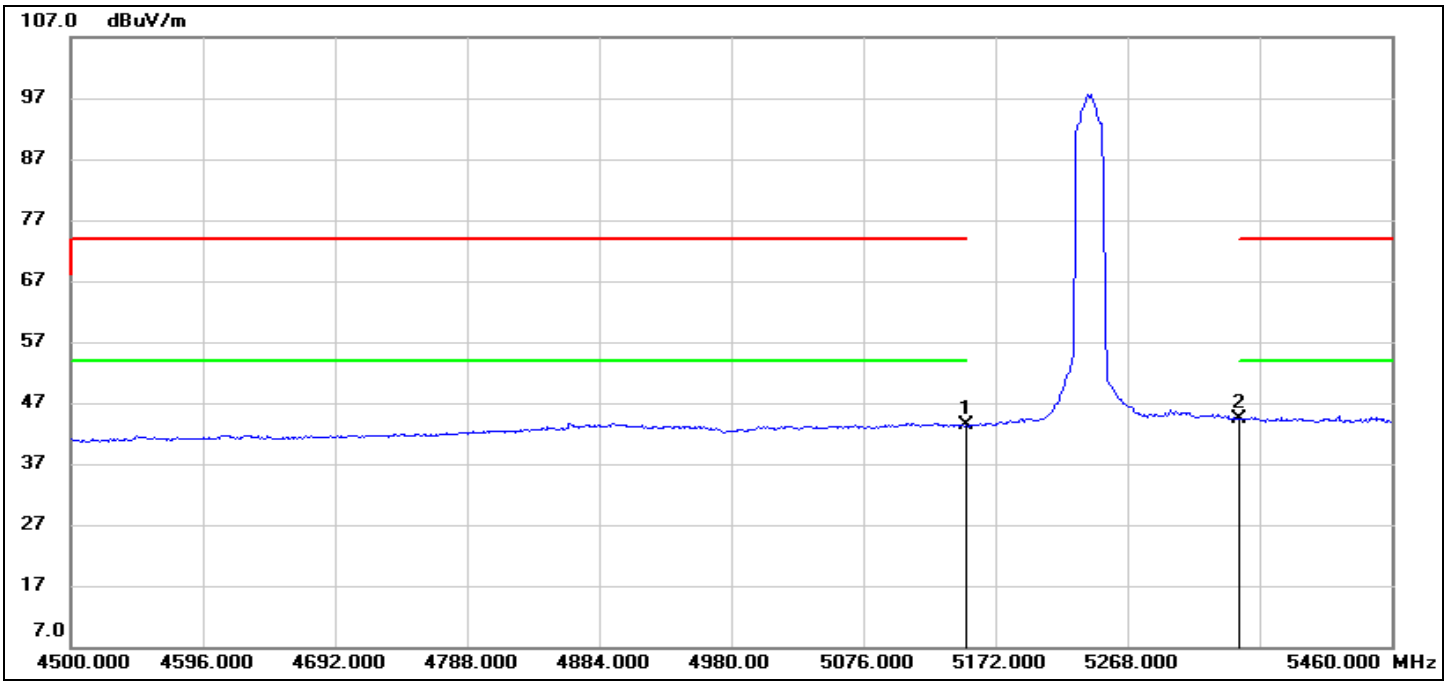
Test Mode:	802.11ax HE20 AV	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	3.03	40.27	43.30	54.00	-10.70	AVG
2	5350.000	3.97	40.49	44.46	54.00	-9.54	AVG

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

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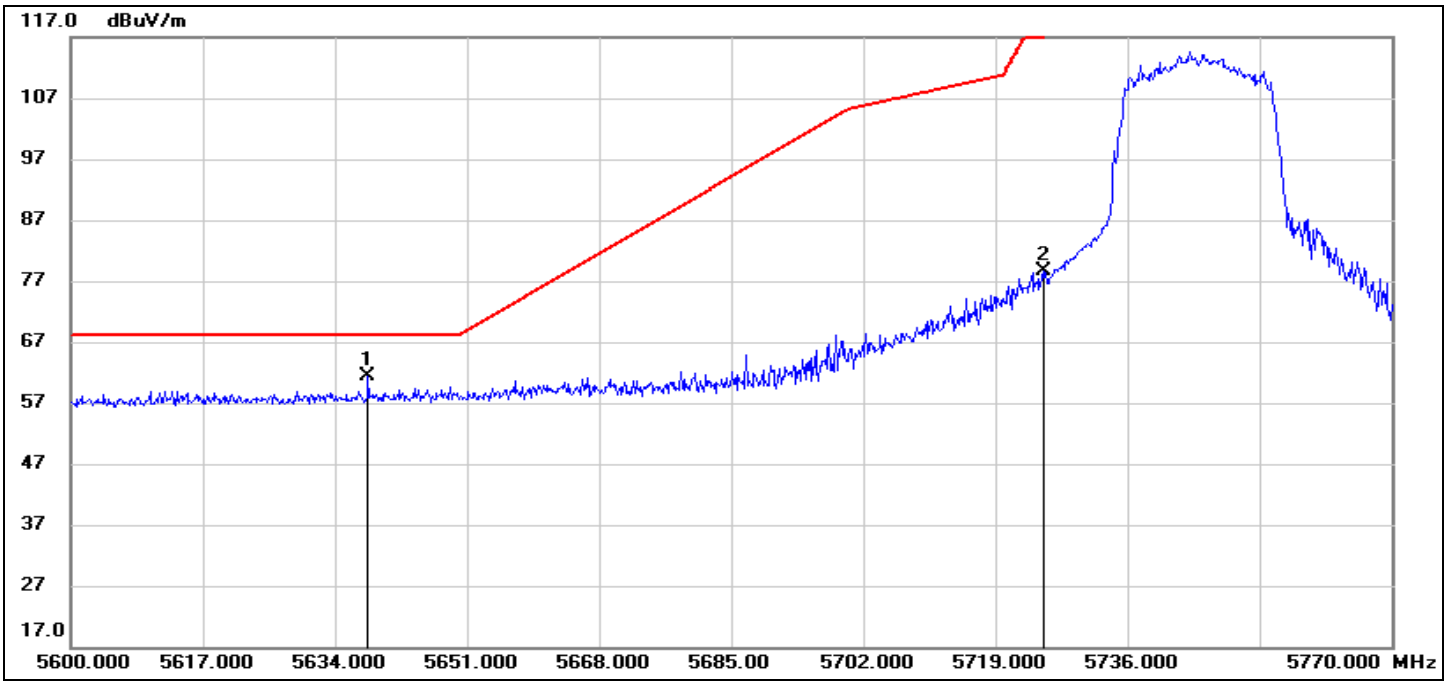
Test Mode:	802.11ax HE20 PK	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5638.250	20.45	41.03	61.48	68.20	-6.72	peak
2	5725.000	37.34	41.27	78.61	122.20	-43.59	peak

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

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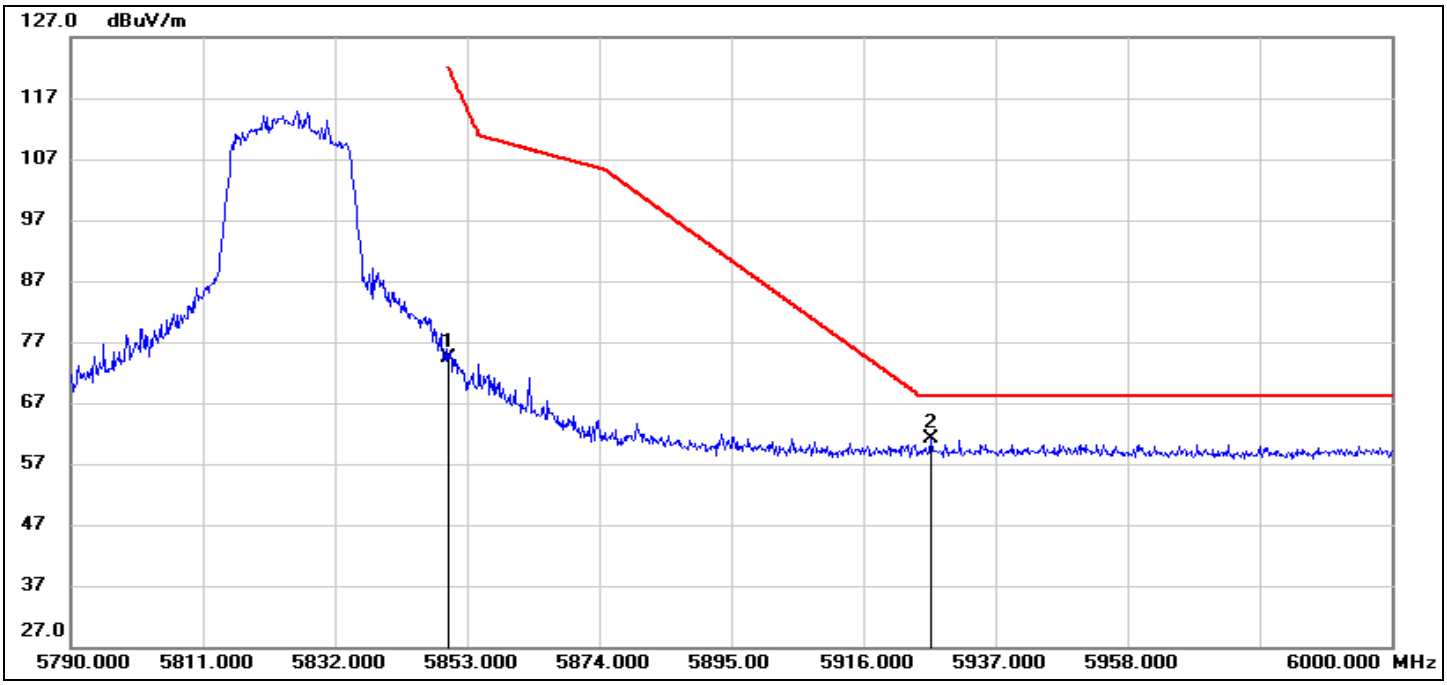
Test Mode:	802.11ax HE20 PK	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	32.81	41.60	74.41	122.20	-47.79	peak
2	5926.710	19.26	41.81	61.07	68.20	-7.13	peak

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

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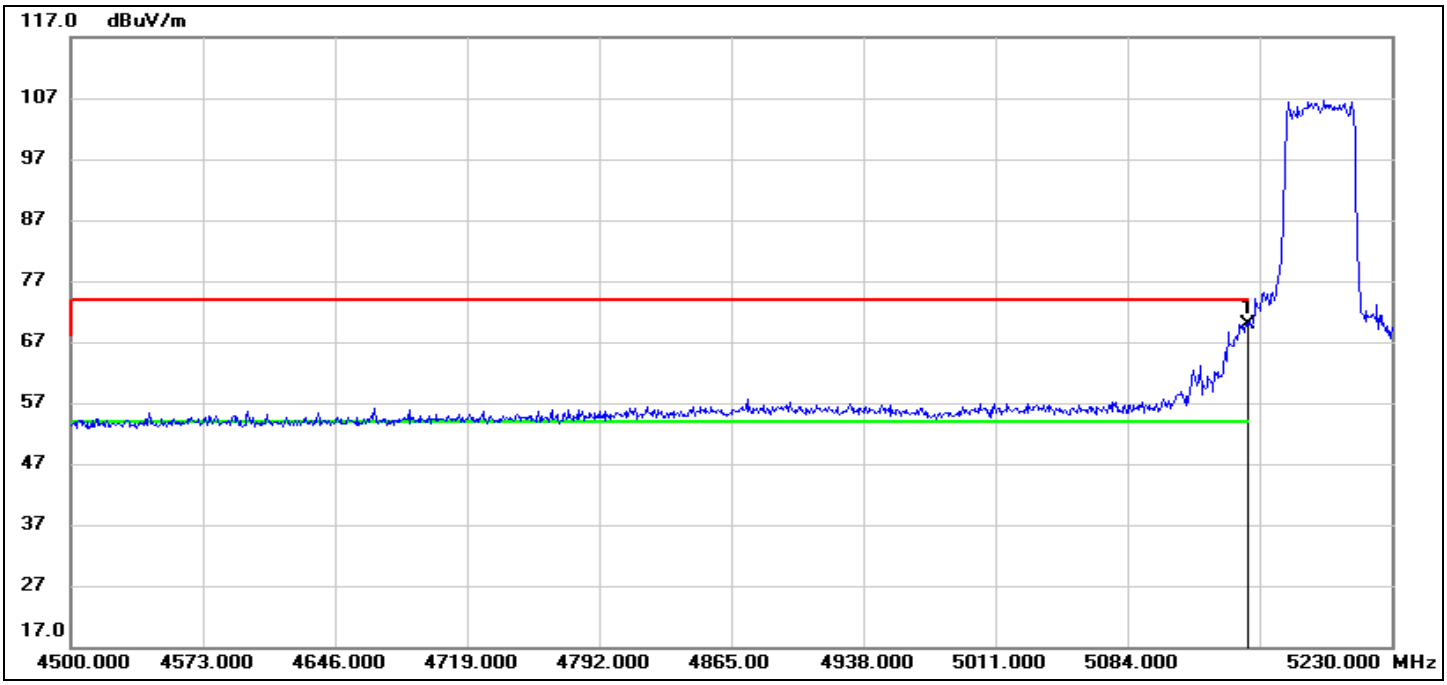
Test Mode:	802.11ax HE40 PK	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	29.69	40.27	69.96	74.00	-4.04	peak

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

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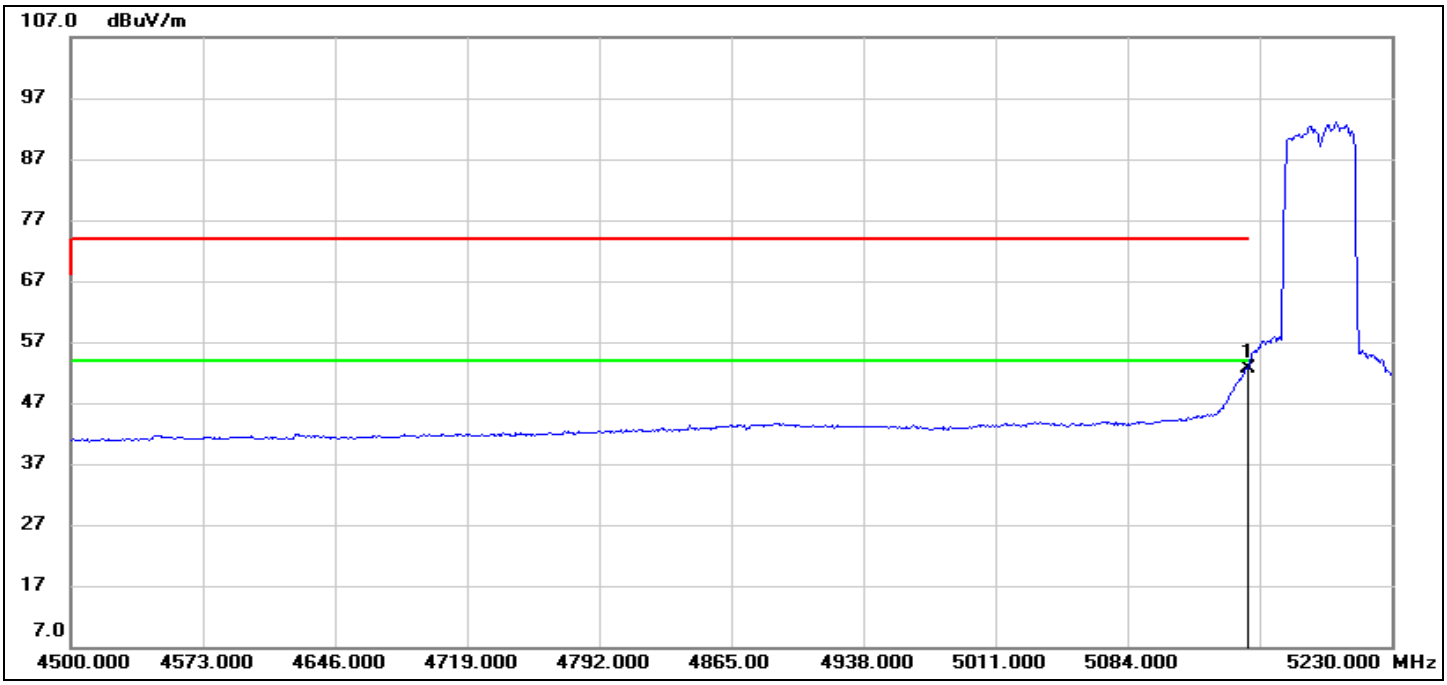
Test Mode:	802.11ax HE40 AV	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	12.39	40.27	52.66	54.00	-1.34	AVG

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

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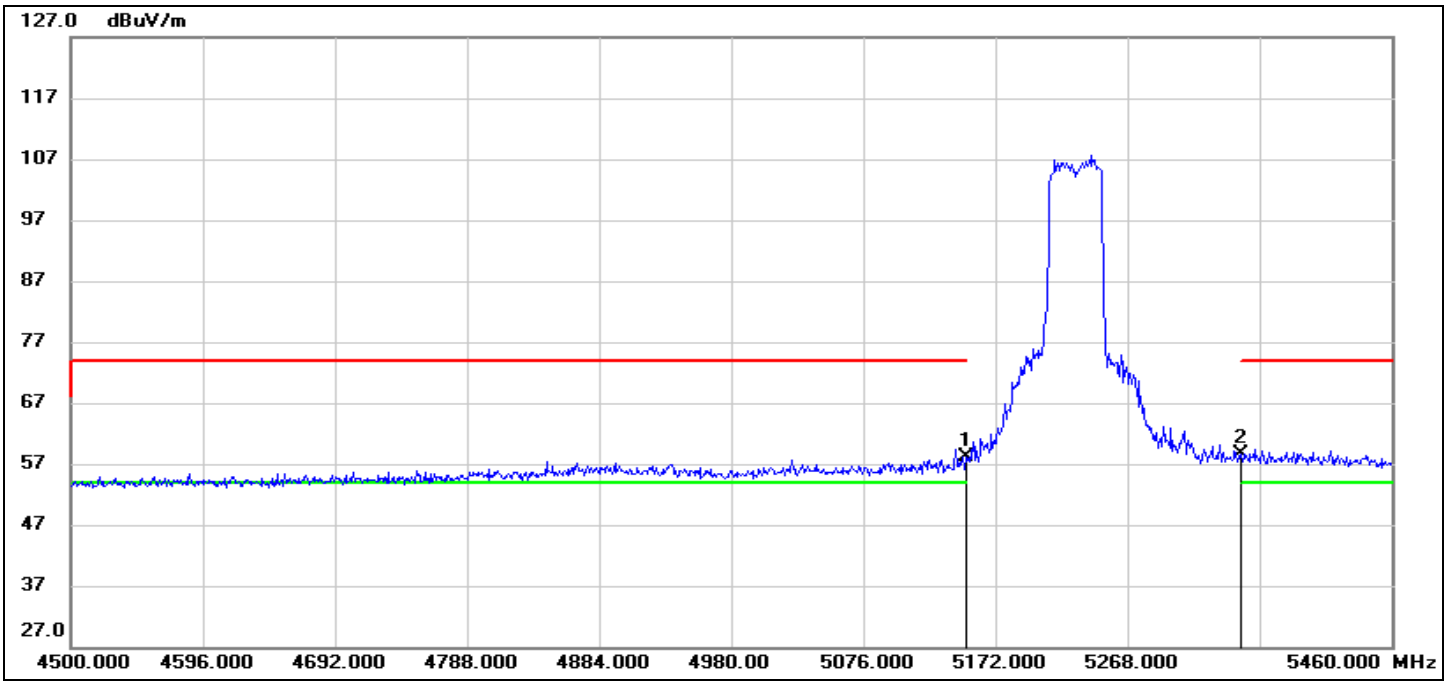
Test Mode:	802.11ax HE40 PK	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	17.74	40.27	58.01	74.00	-15.99	peak
2	5350.000	18.24	40.49	58.73	74.00	-15.27	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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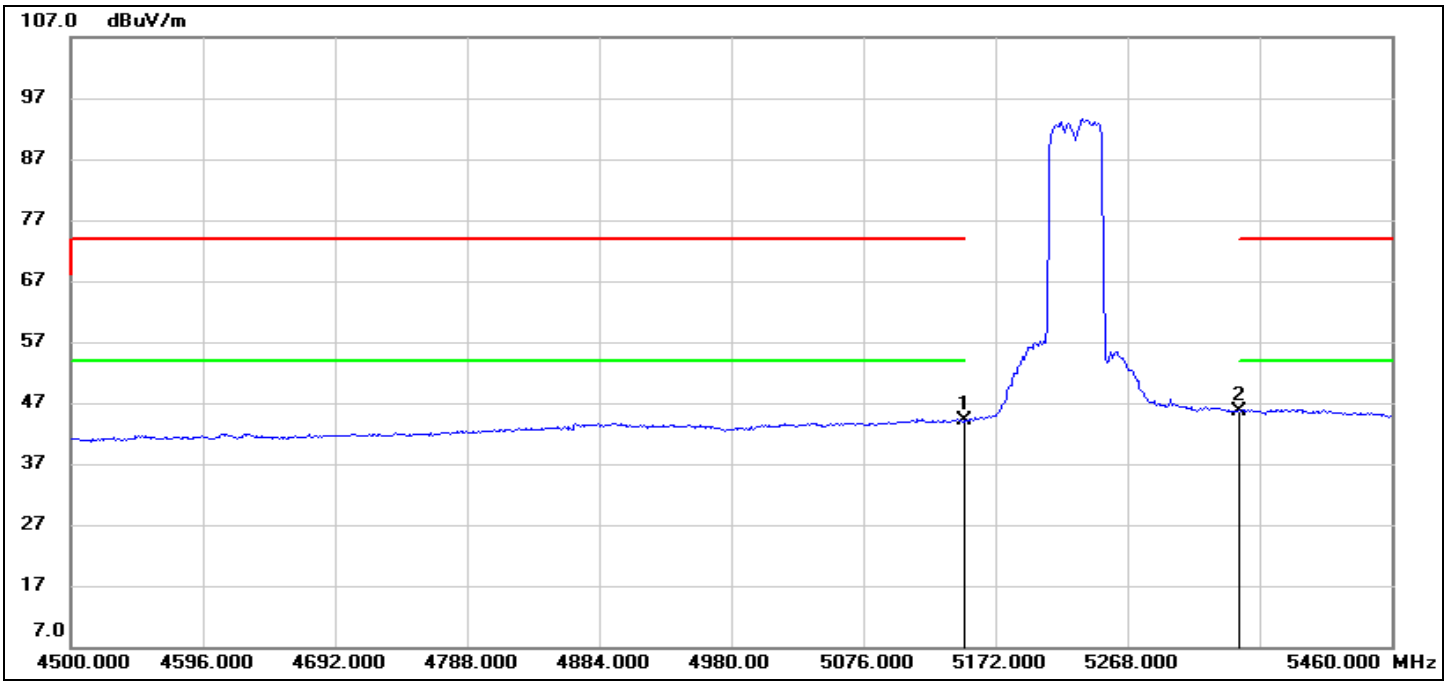
Test Mode:	802.11ax HE40 AV	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	3.94	40.27	44.21	54.00	-9.79	AVG
2	5350.000	5.24	40.49	45.73	54.00	-8.27	AVG

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

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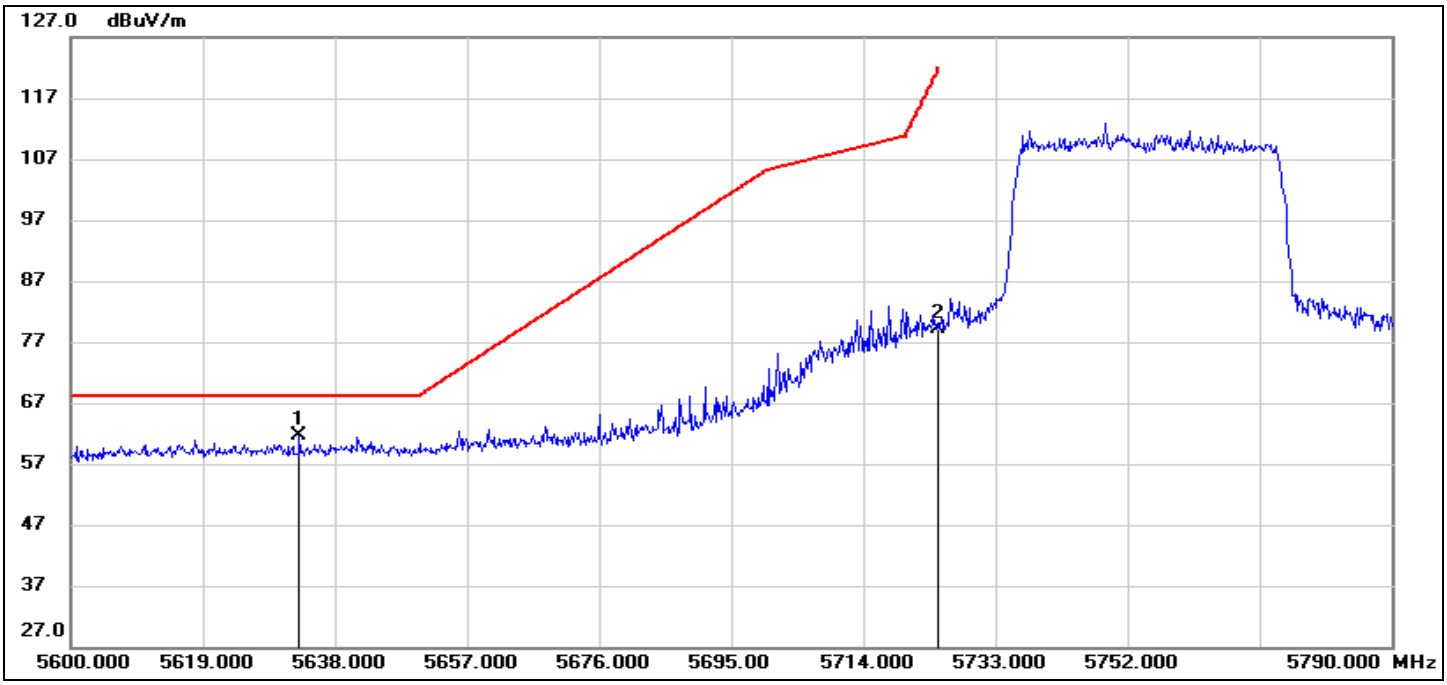
Test Mode:	802.11ax HE40 PK	Channel:	5755
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5632.870	20.53	41.01	61.54	68.20	-6.66	peak
2	5725.000	37.96	41.27	79.23	122.20	-42.97	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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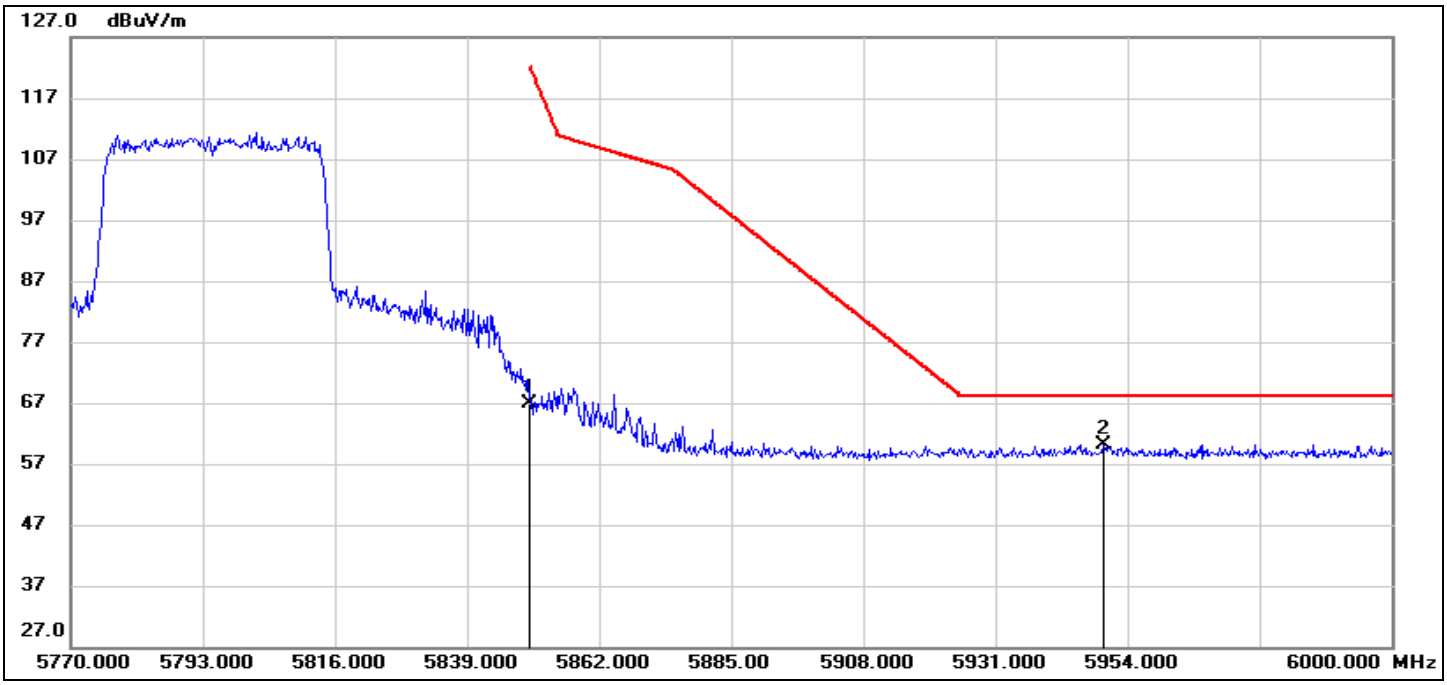
Test Mode:	802.11ax HE40 PK	Channel:	5795
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5850.000	25.34	41.60	66.94	122.20	-55.26	peak
2	5949.860	18.22	41.87	60.09	68.20	-8.11	peak

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

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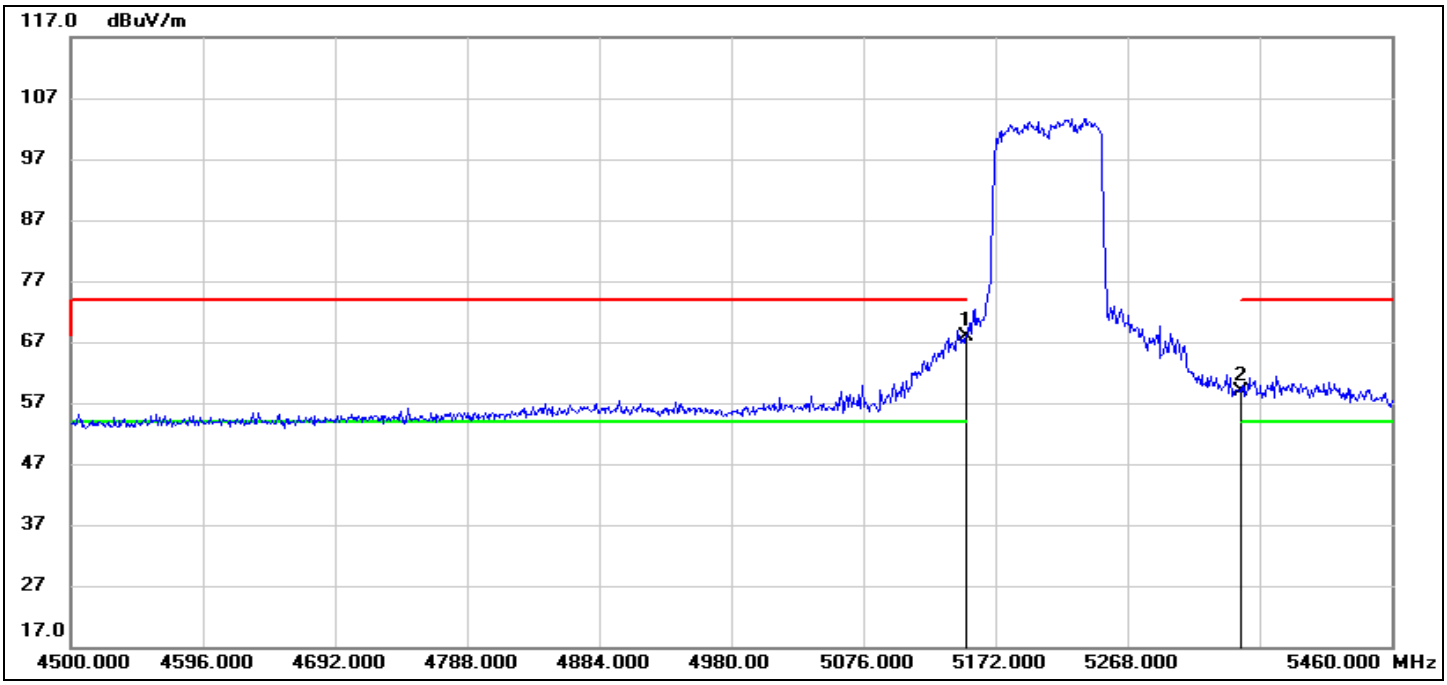
Test Mode:	802.11ax HE80 PK	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	27.71	40.27	67.98	74.00	-6.02	peak
2	5350.000	18.41	40.49	58.90	74.00	-15.10	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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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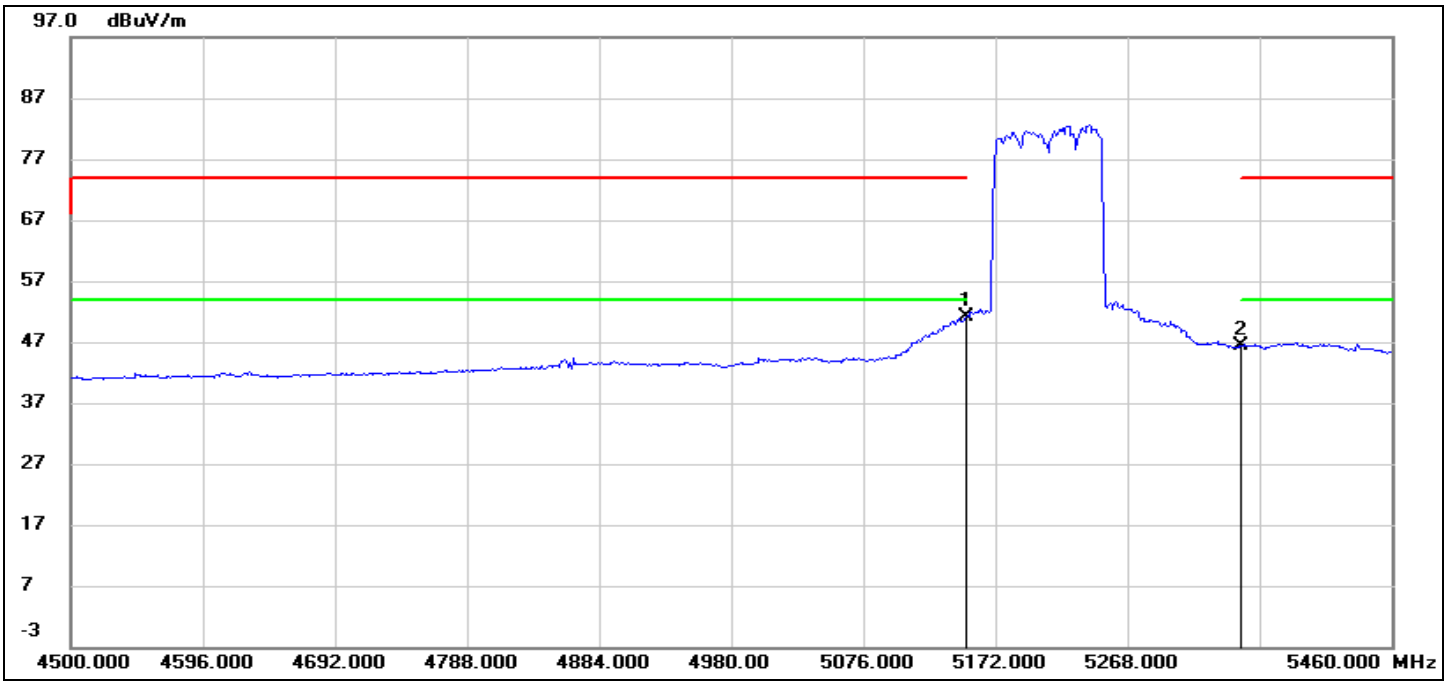
Test Mode:	802.11ax HE80 AV	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5150.000	10.90	40.27	51.17	54.00	-2.83	AVG
2	5350.000	5.90	40.49	46.39	54.00	-7.61	AVG

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

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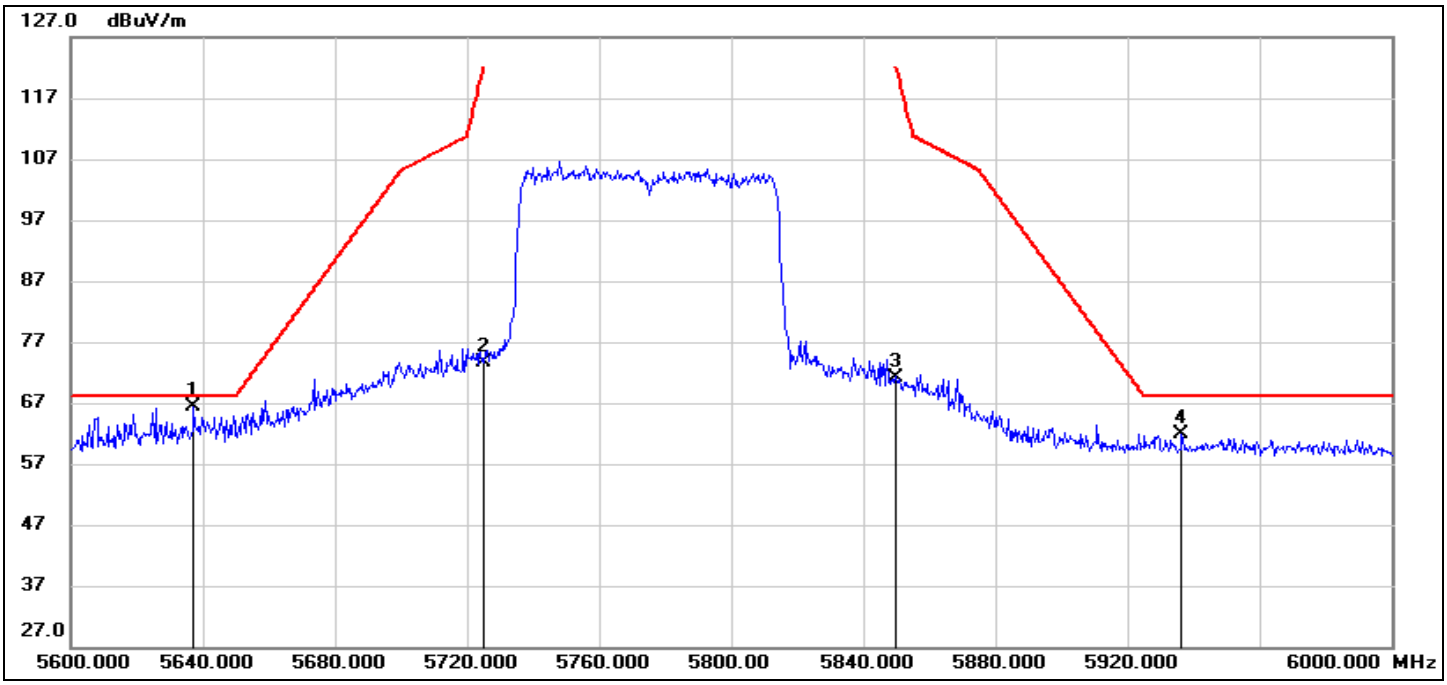
Test Mode:	802.11ax HE80 PK	Channel:	5775
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5637.200	25.36	41.03	66.39	68.20	-1.81	peak
2	5725.000	32.40	41.27	73.67	122.20	-48.53	peak
3	5850.000	29.47	41.60	71.07	122.20	-51.13	peak
4	5936.400	20.09	41.83	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 data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.

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

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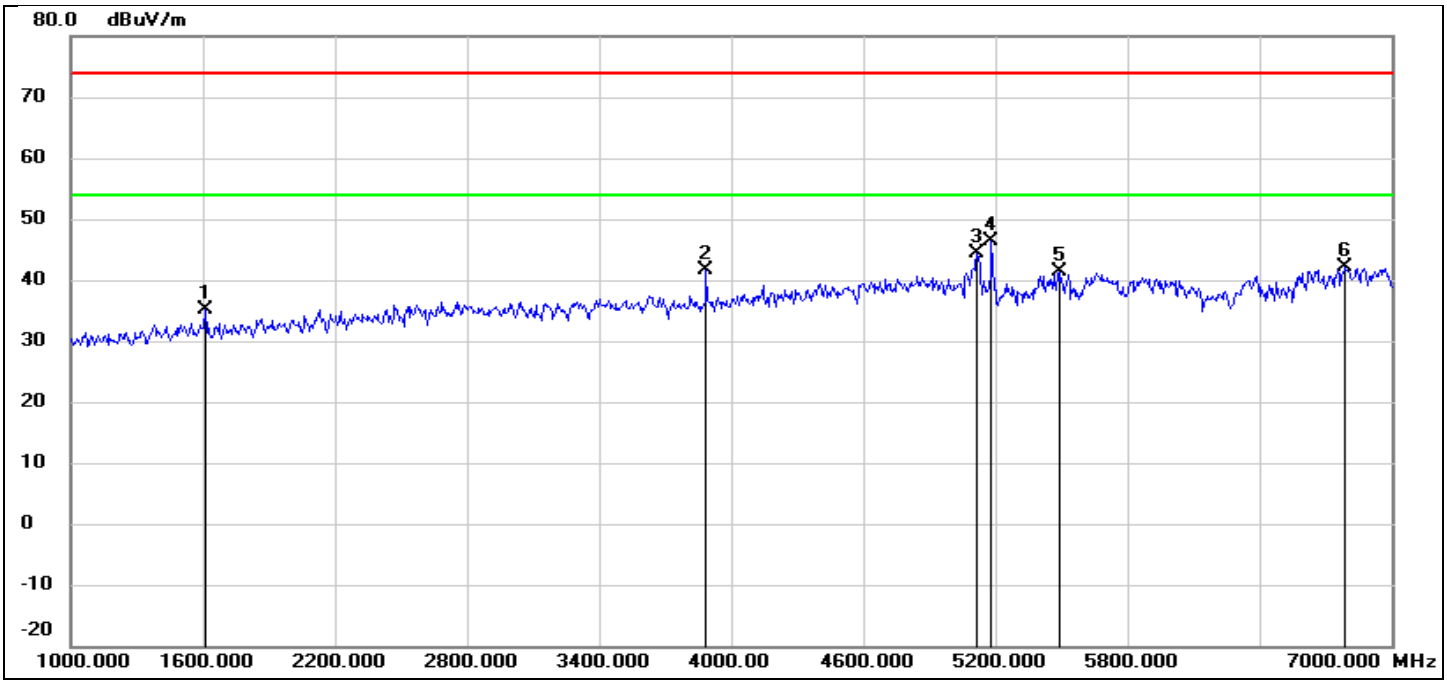
8.2. SPURIOUS EMISSIONS(1 GHZ~7 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	47.42	-12.34	35.08	74.00	-38.92	peak
2	3886.000	46.37	-4.79	41.58	74.00	-32.42	peak
3	5116.000	44.44	-0.02	44.42	74.00	-29.58	peak
4	5182.000	46.41	0.06	46.47	74.00	-27.53	peak
5	5488.000	40.94	0.41	41.35	74.00	-32.65	peak
6	6790.000	36.95	5.15	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.
9. The marked point 4 is the fundamental frequency.

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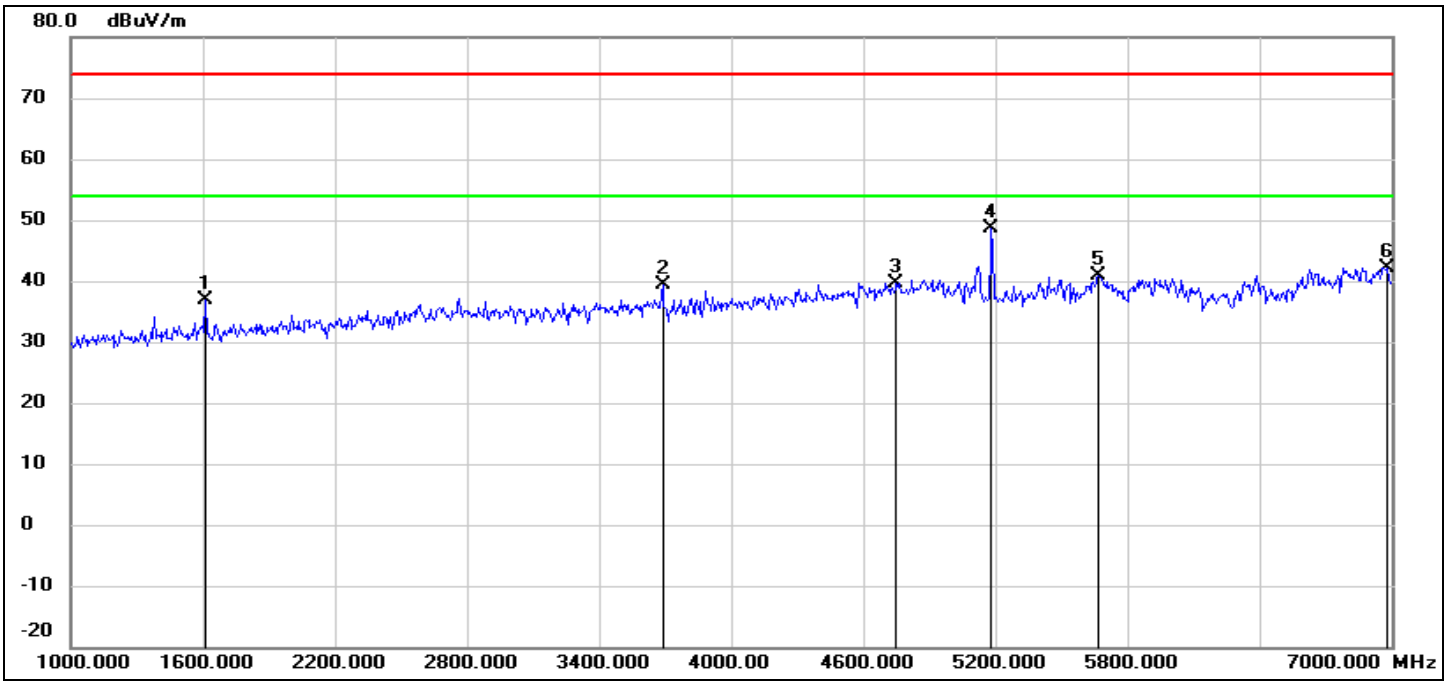
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	49.10	-12.34	36.76	74.00	-37.24	peak
2	3688.000	44.59	-5.33	39.26	74.00	-34.74	peak
3	4750.000	40.88	-1.14	39.74	74.00	-34.26	peak
4	5182.000	48.66	0.06	48.72	74.00	-25.28	peak
5	5668.000	40.05	0.91	40.96	74.00	-33.04	peak
6	6982.000	36.14	6.11	42.25	74.00	-31.75	peak

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

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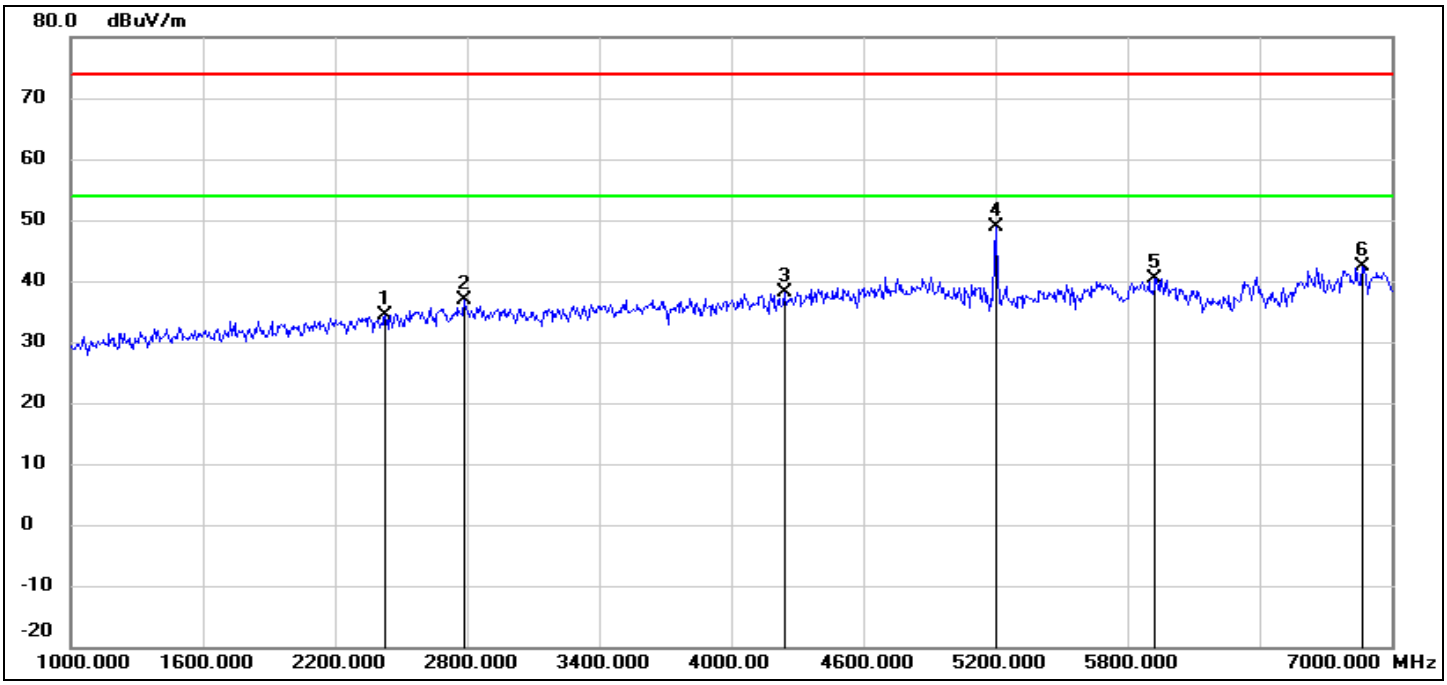
Test Mode:	802.11a 20	Channel:	5200
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2428.000	43.24	-8.86	34.38	74.00	-39.62	peak
2	2788.000	44.39	-7.62	36.77	74.00	-37.23	peak
3	4240.000	41.57	-3.35	38.22	74.00	-35.78	peak
4	5200.000	48.70	0.08	48.78	74.00	-25.22	peak
5	5926.000	38.84	1.64	40.48	74.00	-33.52	peak
6	6868.000	36.89	5.54	42.43	74.00	-31.57	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.
9. The marked point 4 is the fundamental frequency.

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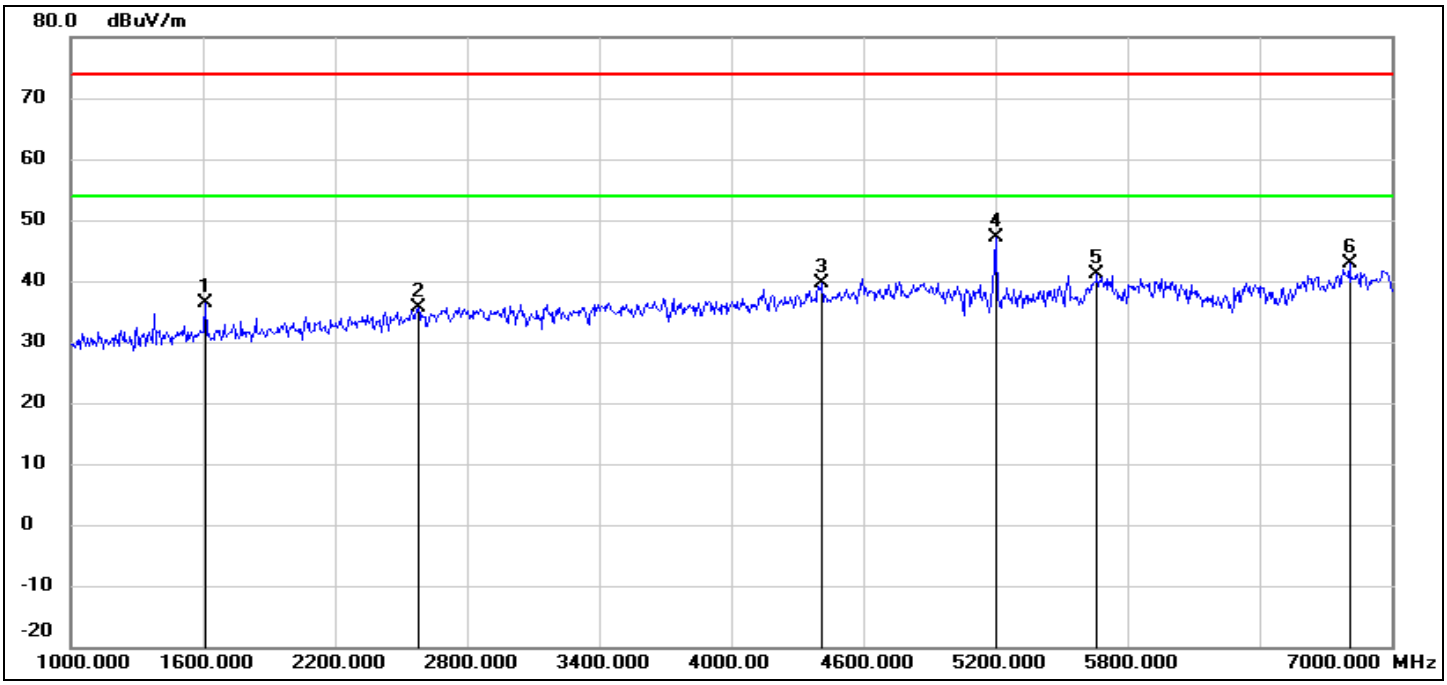
Test Mode:	802.11a 20	Channel:	5200
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	48.68	-12.34	36.34	74.00	-37.66	peak
2	2578.000	43.97	-8.26	35.71	74.00	-38.29	peak
3	4414.000	42.26	-2.54	39.72	74.00	-34.28	peak
4	5200.000	46.98	0.08	47.06	74.00	-26.94	peak
5	5662.000	40.13	0.89	41.02	74.00	-32.98	peak
6	6808.000	37.64	5.24	42.88	74.00	-31.12	peak

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

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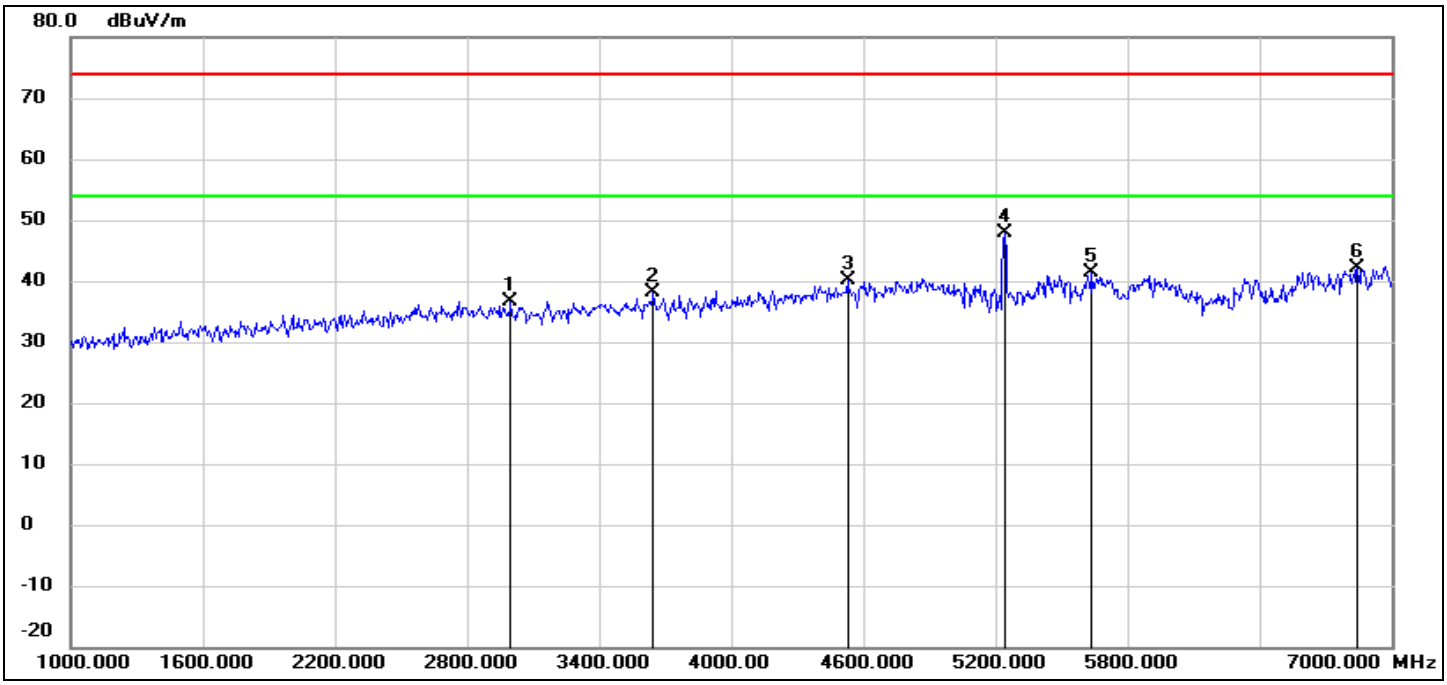
Test Mode:	802.11a 20	Channel:	5240
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2998.000	43.58	-6.98	36.60	74.00	-37.40	peak
2	3646.000	43.65	-5.45	38.20	74.00	-35.80	peak
3	4528.000	42.22	-2.03	40.19	74.00	-33.81	peak
4	5242.000	47.76	0.12	47.88	74.00	-26.12	peak
5	5638.000	40.47	0.81	41.28	74.00	-32.72	peak
6	6844.000	36.65	5.43	42.08	74.00	-31.92	peak

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

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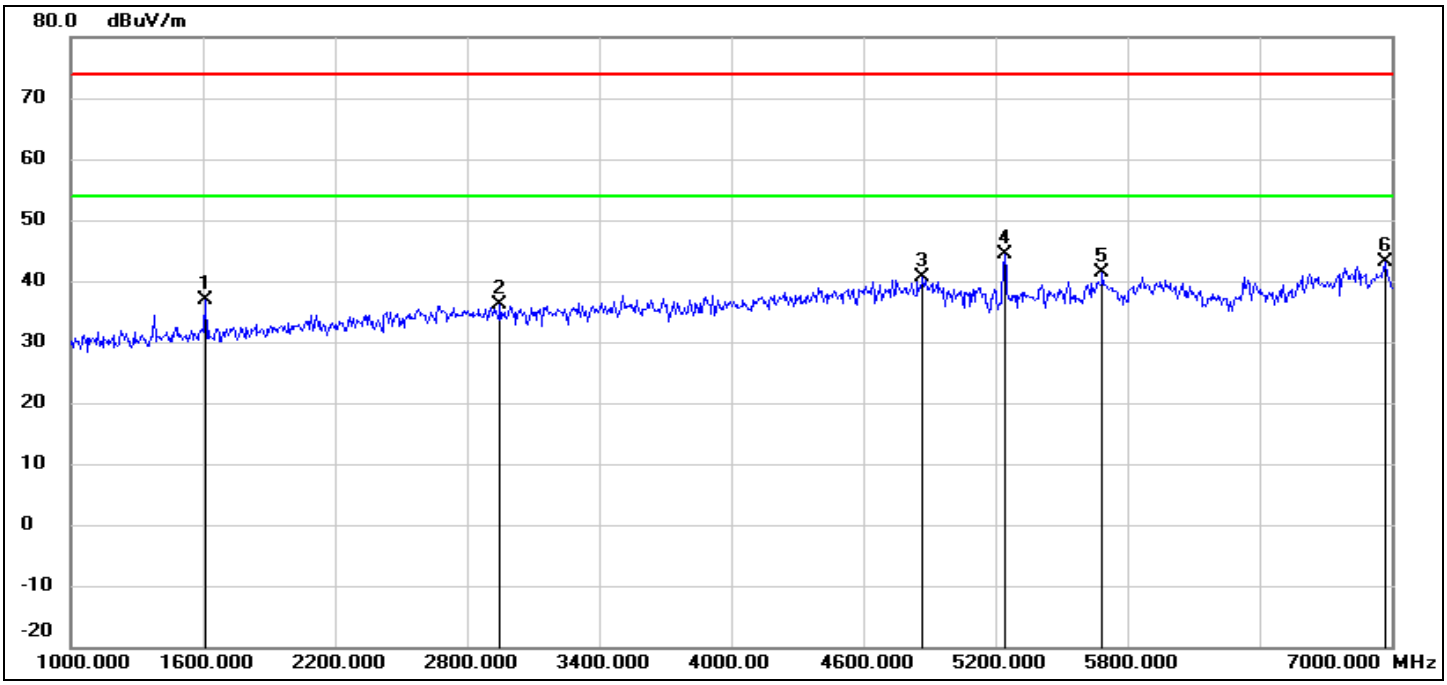
Test Mode:	802.11a 20	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	49.19	-12.34	36.85	74.00	-37.15	peak
2	2950.000	43.16	-7.13	36.03	74.00	-37.97	peak
3	4870.000	41.36	-0.66	40.70	74.00	-33.30	peak
4	5242.000	44.34	0.12	44.46	74.00	-29.54	peak
5	5686.000	40.38	0.96	41.34	74.00	-32.66	peak
6	6970.000	36.97	6.05	43.02	74.00	-30.98	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.
9. The marked point 4 is the fundamental frequency.

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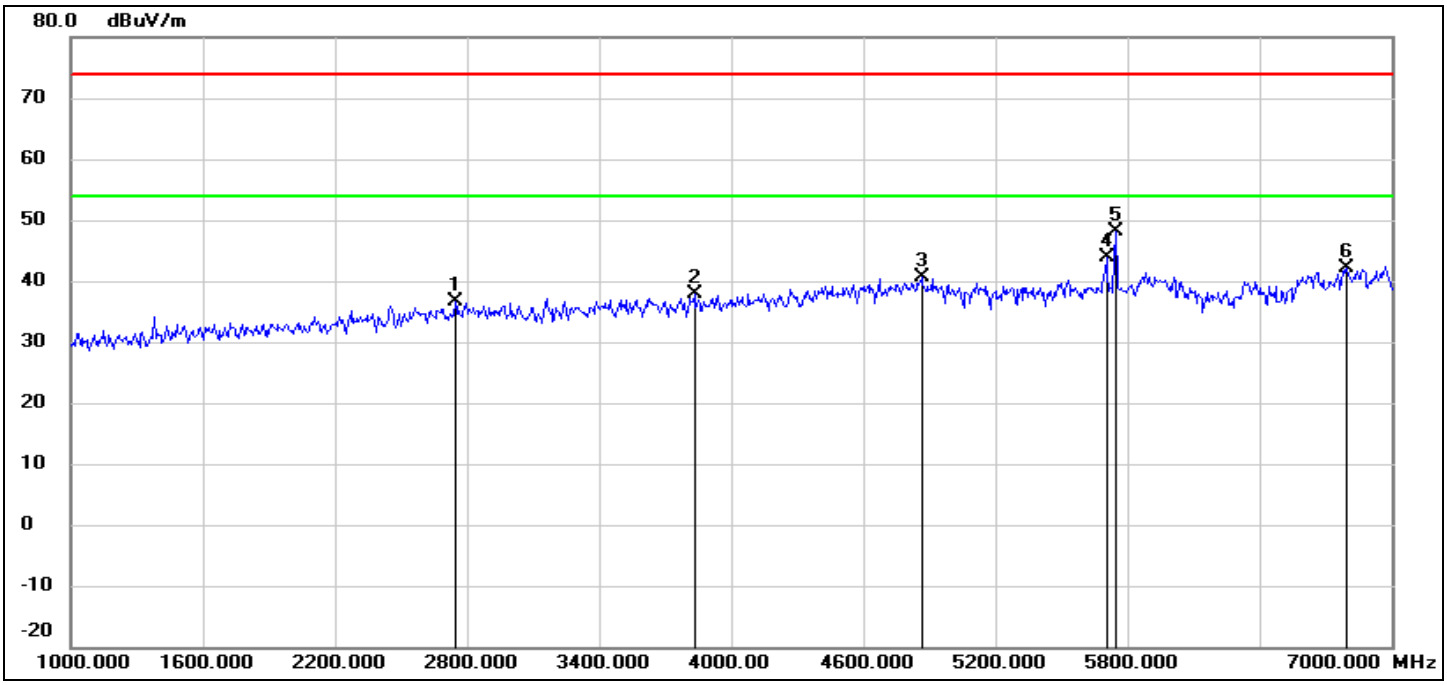
Test Mode:	802.11a 20	Channel:	5745
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2746.000	44.42	-7.75	36.67	74.00	-37.33	peak
2	3832.000	42.86	-4.94	37.92	74.00	-36.08	peak
3	4864.000	41.40	-0.70	40.70	74.00	-33.30	peak
4	5704.000	42.84	1.00	43.84	74.00	-30.16	peak
5	5746.000	47.11	1.12	48.23	74.00	-25.77	peak
6	6796.000	36.92	5.19	42.11	74.00	-31.89	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for Band reject filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.
9. The marked point 5 is the fundamental frequency.

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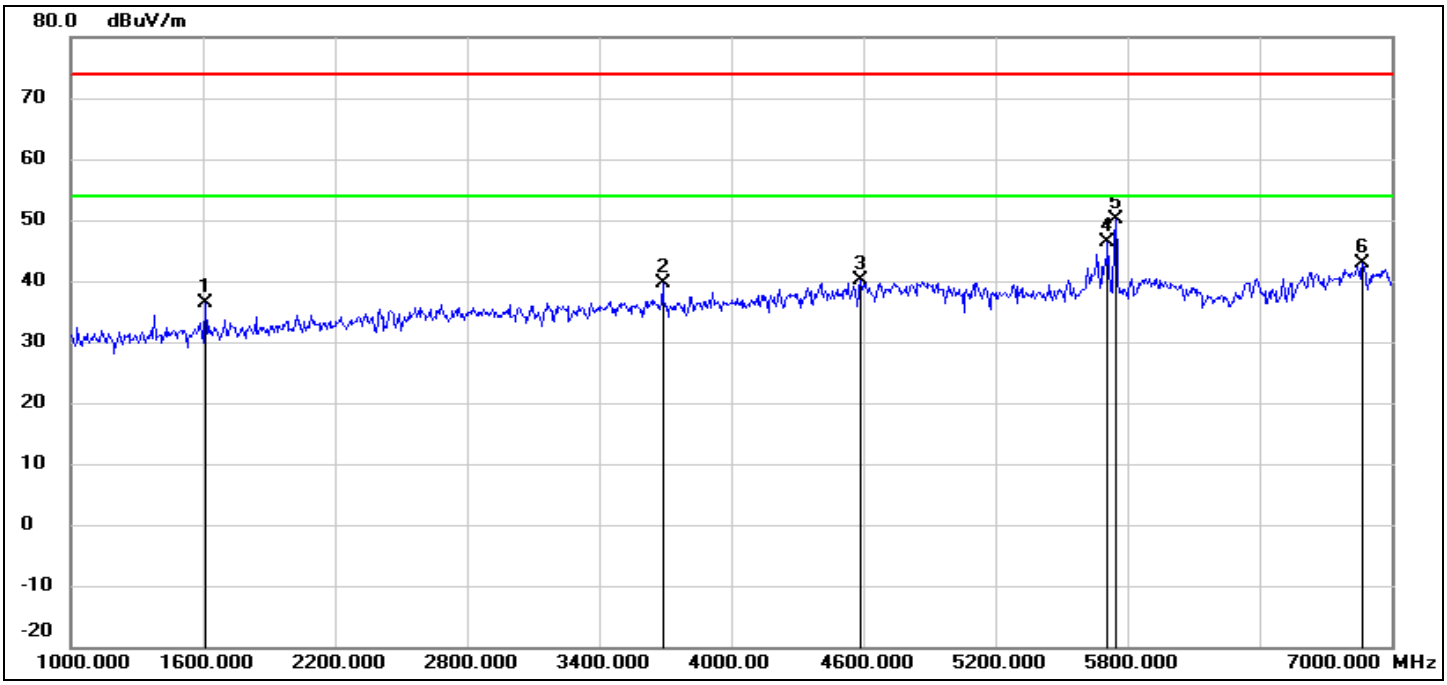
Test Mode:	802.11a 20	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	48.73	-12.34	36.39	74.00	-37.61	peak
2	3688.000	44.96	-5.33	39.63	74.00	-34.37	peak
3	4588.000	41.91	-1.79	40.12	74.00	-33.88	peak
4	5710.000	45.29	1.02	46.31	74.00	-27.69	peak
5	5746.000	49.12	1.12	50.24	74.00	-23.76	peak
6	6868.000	37.23	5.54	42.77	74.00	-31.23	peak

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

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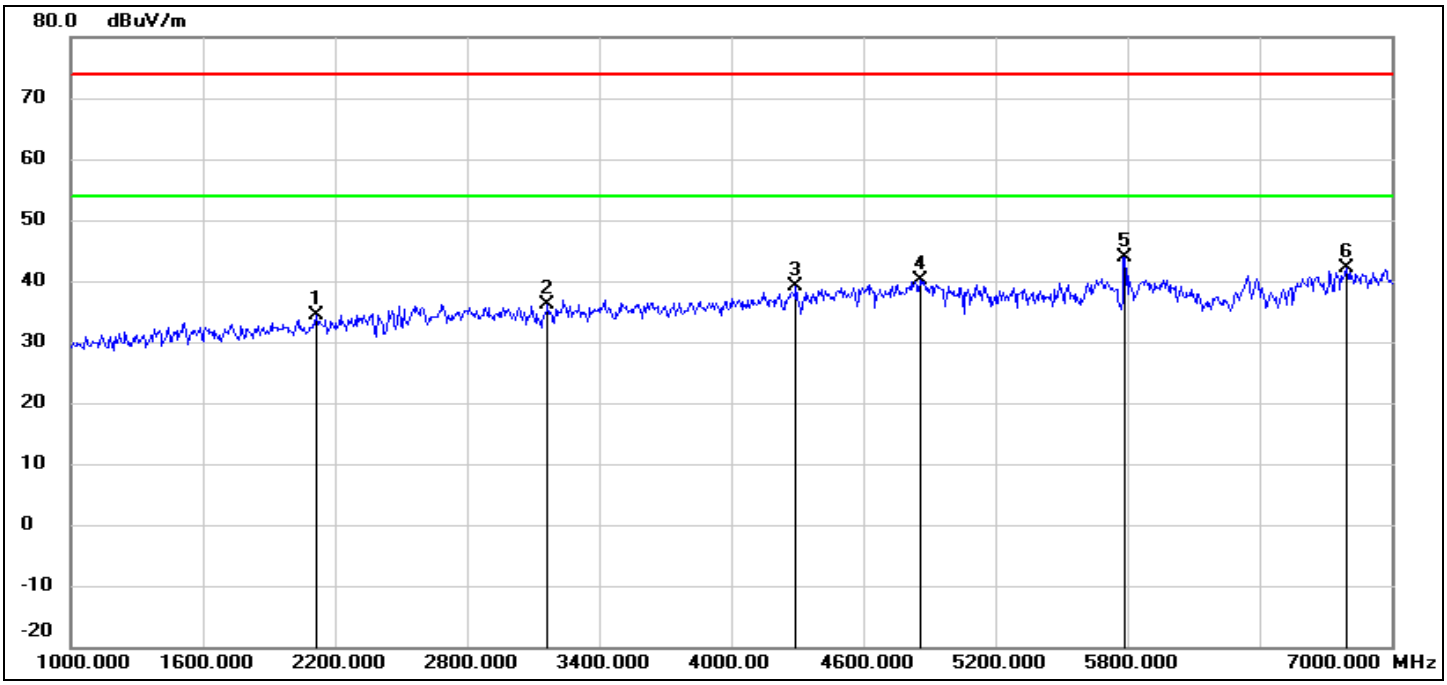
Test Mode:	802.11a 20	Channel:	5785
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2116.000	44.93	-10.47	34.46	74.00	-39.54	peak
2	3166.000	42.78	-6.60	36.18	74.00	-37.82	peak
3	4294.000	42.14	-3.10	39.04	74.00	-34.96	peak
4	4858.000	40.88	-0.72	40.16	74.00	-33.84	peak
5	5788.000	42.57	1.25	43.82	74.00	-30.18	peak
6	6796.000	36.96	5.19	42.15	74.00	-31.85	peak

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

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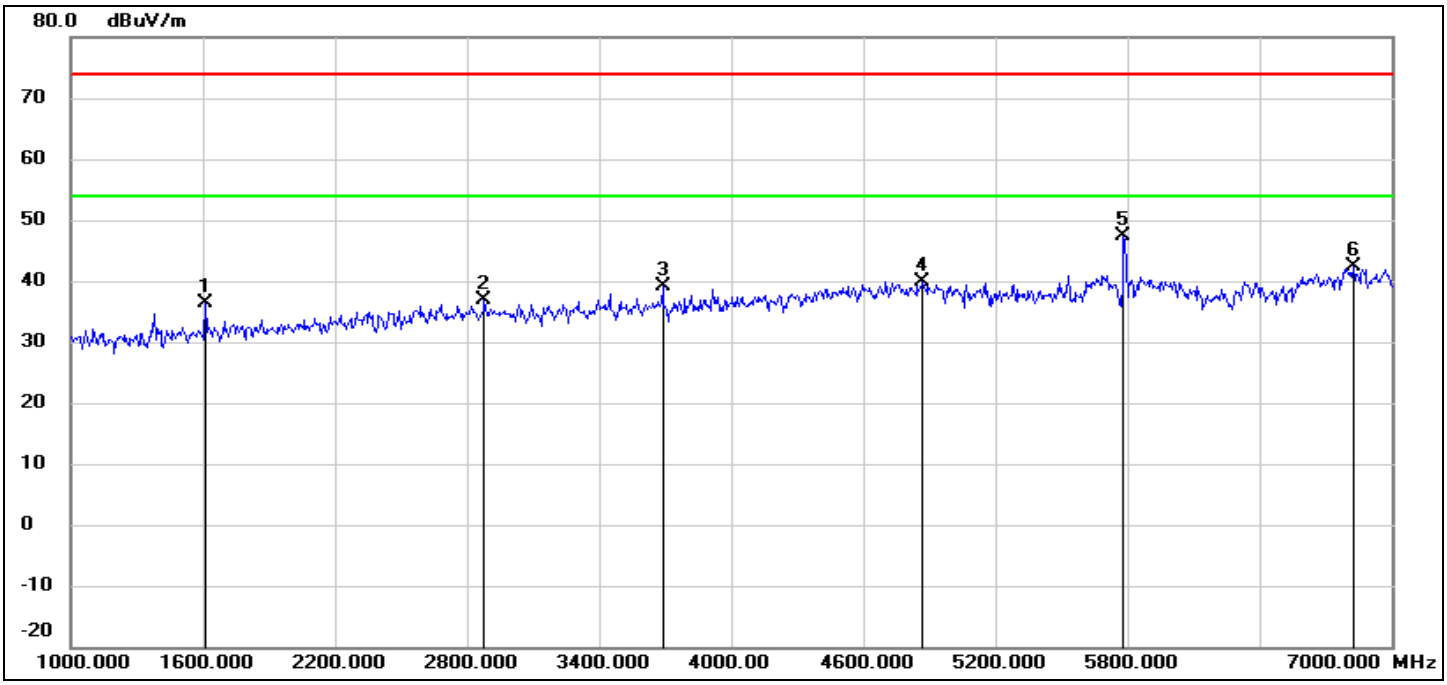
Test Mode:	802.11a 20	Channel:	5785
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	48.73	-12.34	36.39	74.00	-37.61	peak
2	2878.000	44.28	-7.35	36.93	74.00	-37.07	peak
3	3688.000	44.46	-5.33	39.13	74.00	-34.87	peak
4	4870.000	40.59	-0.66	39.93	74.00	-34.07	peak
5	5782.000	46.08	1.23	47.31	74.00	-26.69	peak
6	6826.000	37.16	5.34	42.50	74.00	-31.50	peak

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

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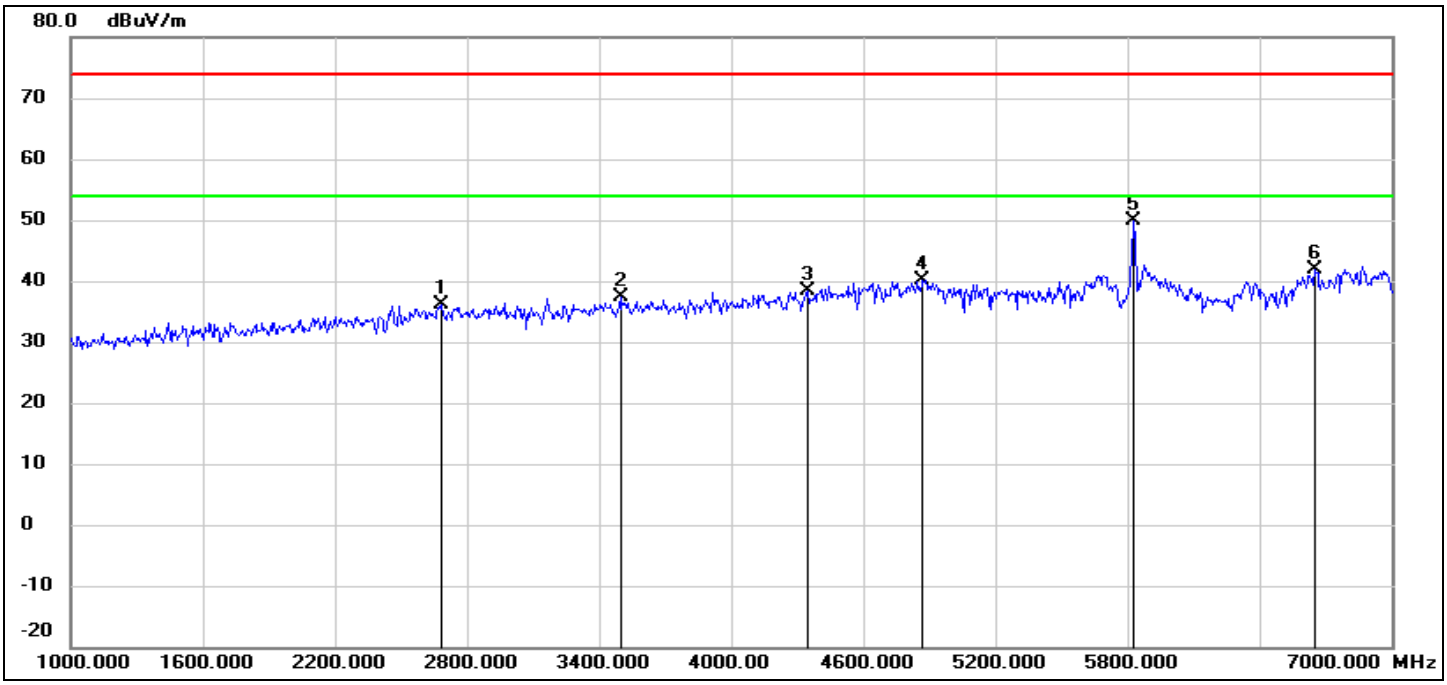
Test Mode:	802.11a 20	Channel:	5825
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2680.000	44.18	-7.95	36.23	74.00	-37.77	peak
2	3496.000	43.22	-5.86	37.36	74.00	-36.64	peak
3	4348.000	41.24	-2.85	38.39	74.00	-35.61	peak
4	4870.000	40.83	-0.66	40.17	74.00	-33.83	peak
5	5830.000	48.55	1.36	49.91	74.00	-24.09	peak
6	6652.000	37.49	4.47	41.96	74.00	-32.04	peak

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

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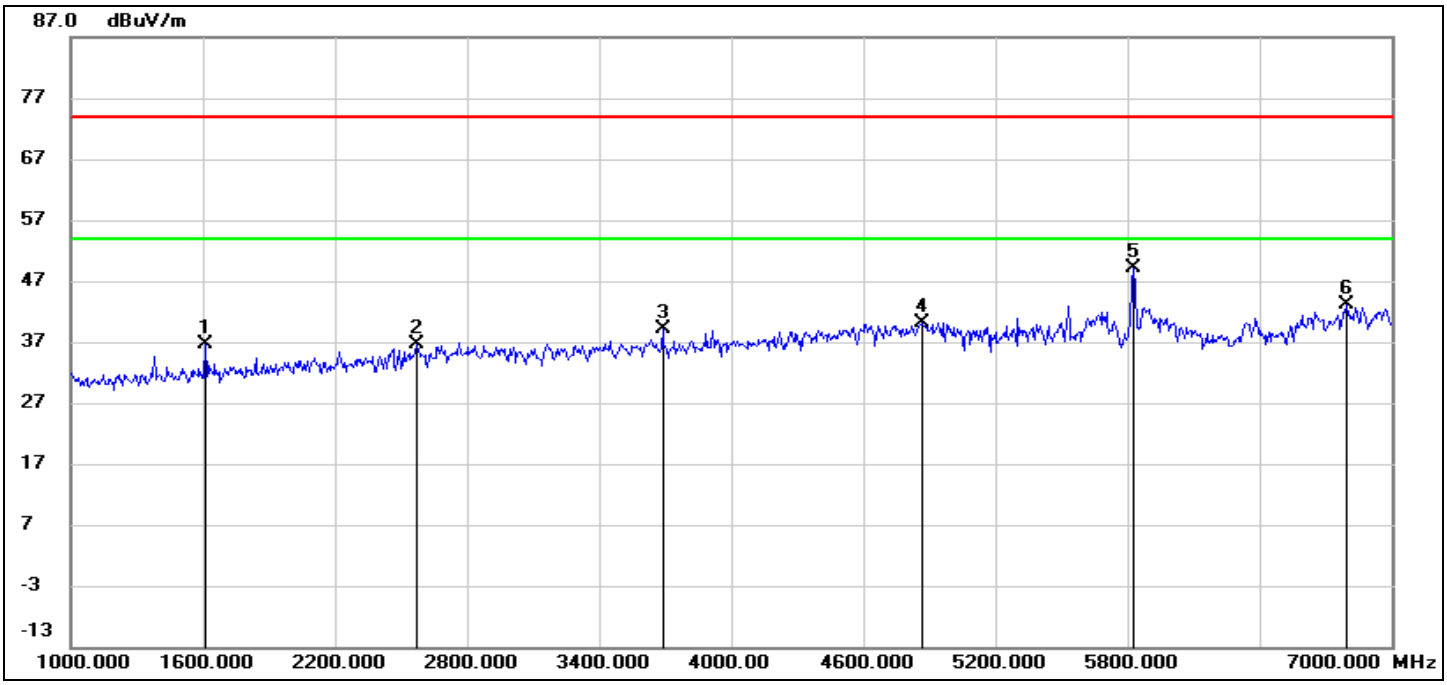
Test Mode:	802.11a 20	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1612.000	48.96	-12.34	36.62	74.00	-37.38	peak
2	2572.000	44.85	-8.27	36.58	74.00	-37.42	peak
3	3688.000	44.46	-5.33	39.13	74.00	-34.87	peak
4	4870.000	40.85	-0.66	40.19	74.00	-33.81	peak
5	5830.000	47.86	1.36	49.22	74.00	-24.78	peak
6	6796.000	37.86	5.19	43.05	74.00	-30.95	peak

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

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

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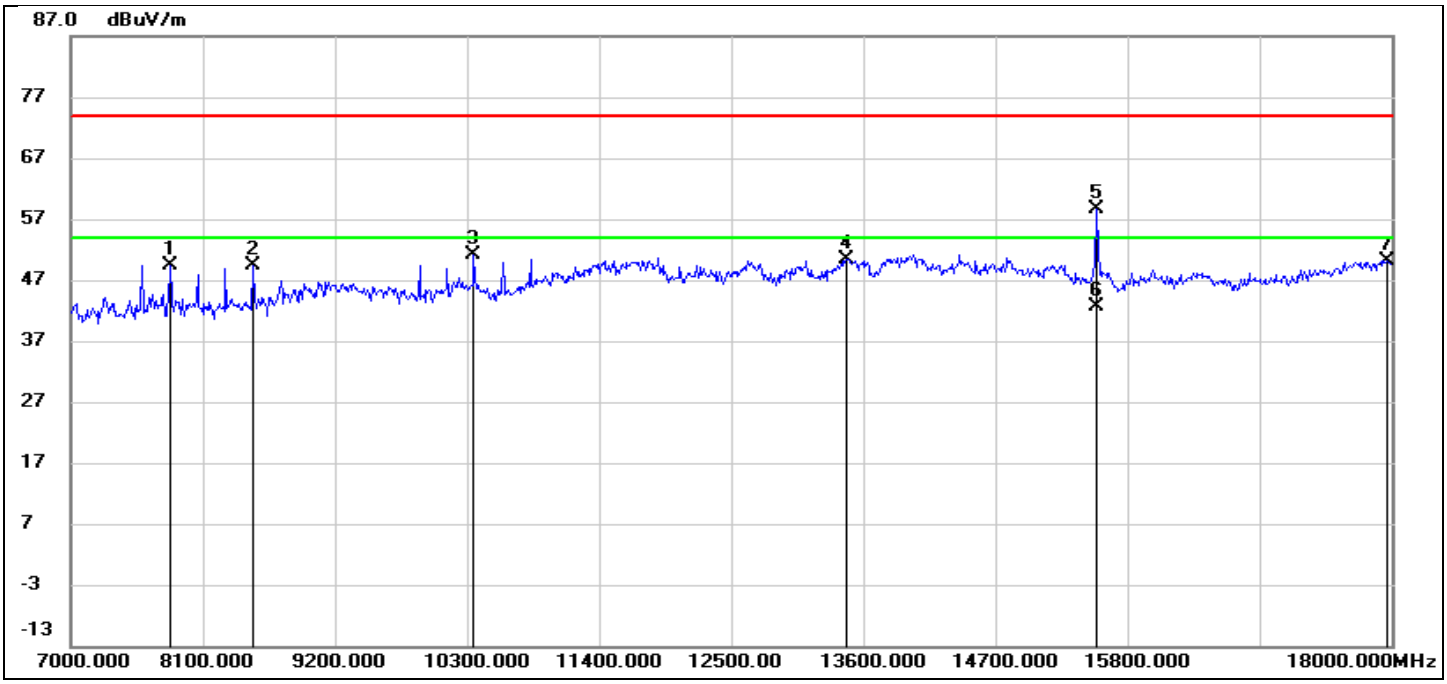
8.3. SPURIOUS EMISSIONS(7 GHZ~18 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.91	6.58	49.49	74.00	-24.51	peak
2	8518.000	42.40	7.01	49.41	74.00	-24.59	peak
3	10355.000	38.53	12.52	51.05	74.00	-22.95	peak
4	13457.000	30.00	20.46	50.46	74.00	-23.54	peak
5	15547.000	41.96	16.73	58.69	74.00	-15.31	peak
6	15547.000	26.00	16.73	42.73	54.00	-11.27	AVG
7	17956.000	24.40	25.82	50.22	74.00	-23.78	peak

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

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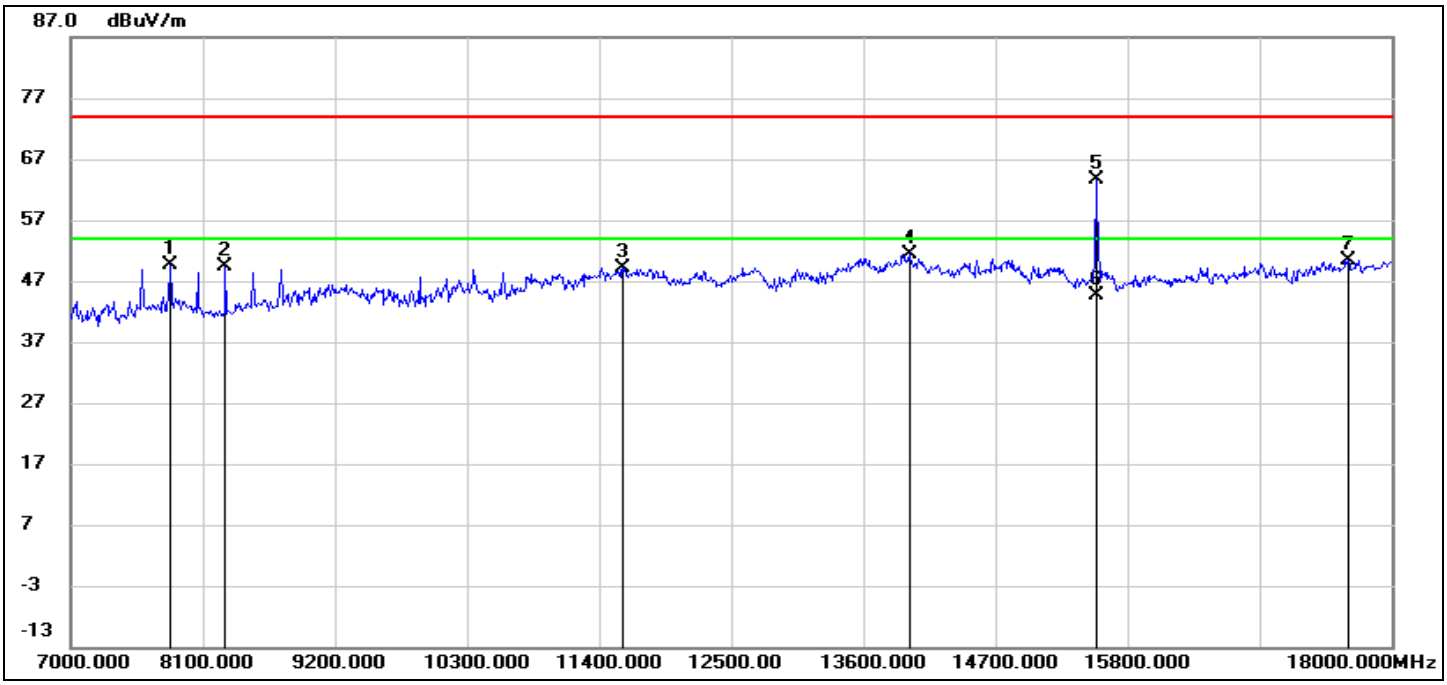
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	43.04	6.58	49.62	74.00	-24.38	peak
2	8287.000	42.76	6.70	49.46	74.00	-24.54	peak
3	11598.000	32.17	16.96	49.13	74.00	-24.87	peak
4	13985.000	29.59	21.85	51.44	74.00	-22.56	peak
5	15536.000	46.92	16.73	63.65	74.00	-10.35	peak
6	15536.000	27.97	16.73	44.70	54.00	-9.30	AVG
7	17637.000	26.81	23.64	50.45	74.00	-23.55	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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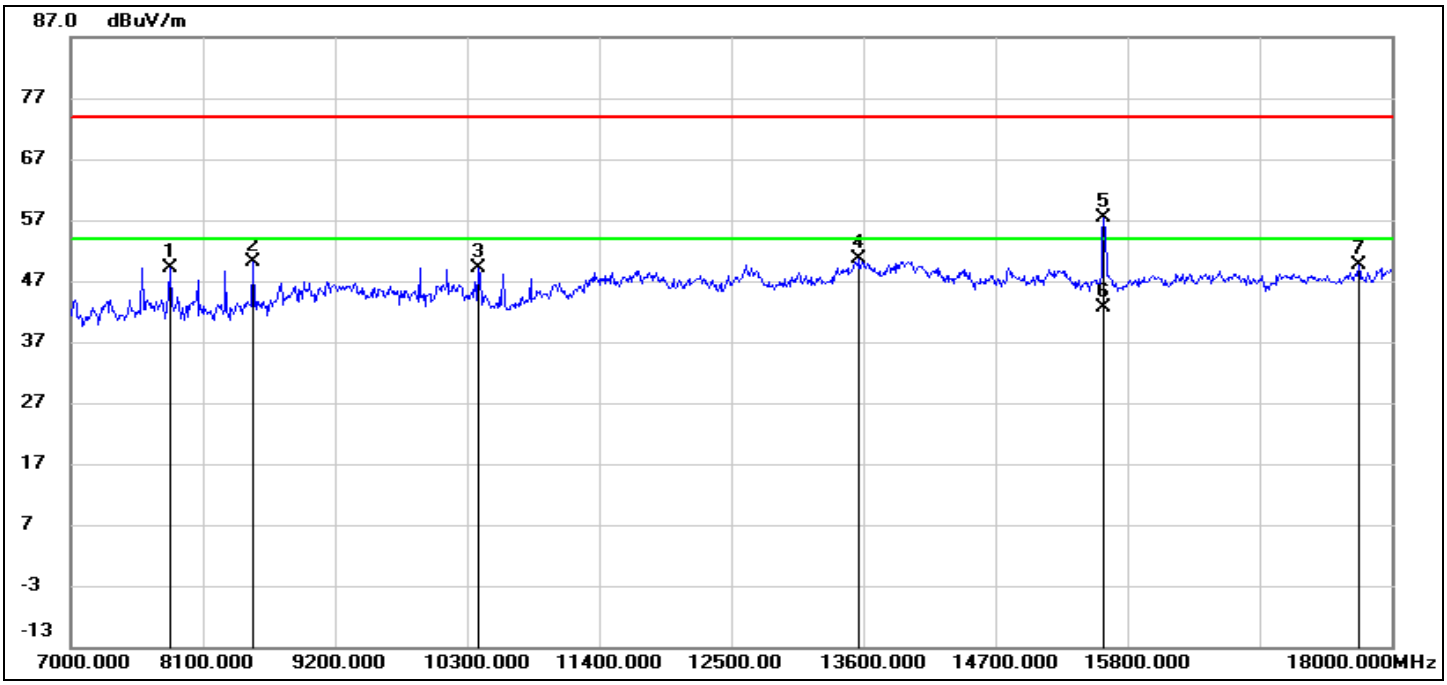
Test Mode:	802.11a 20	Channel:	5200
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.67	6.58	49.25	74.00	-24.75	peak
2	8518.000	43.10	7.01	50.11	74.00	-23.89	peak
3	10399.000	36.63	12.61	49.24	74.00	-24.76	peak
4	13567.000	29.82	20.80	50.62	74.00	-23.38	peak
5	15602.000	40.58	16.75	57.33	74.00	-16.67	peak
6	15602.000	25.82	16.75	42.57	54.00	-11.43	AVG
7	17725.000	25.36	24.24	49.60	74.00	-24.40	peak

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

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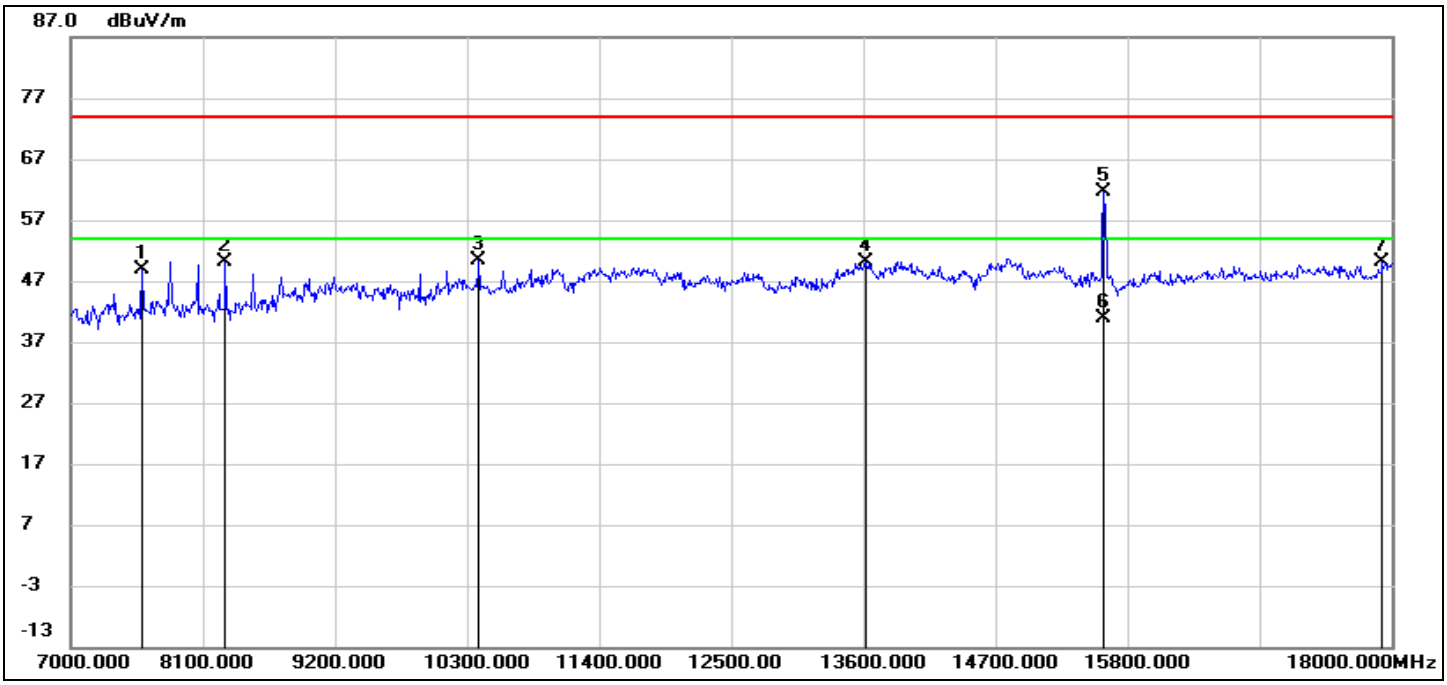
Test Mode:	802.11a 20	Channel:	5200
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.97	6.79	48.76	74.00	-25.24	peak
2	8287.000	43.46	6.70	50.16	74.00	-23.84	peak
3	10399.000	37.73	12.61	50.34	74.00	-23.66	peak
4	13622.000	29.21	20.95	50.16	74.00	-23.84	peak
5	15602.000	44.85	16.75	61.60	74.00	-12.40	peak
6	15602.000	24.05	16.75	40.80	54.00	-13.20	AVG
7	17923.000	24.56	25.60	50.16	74.00	-23.84	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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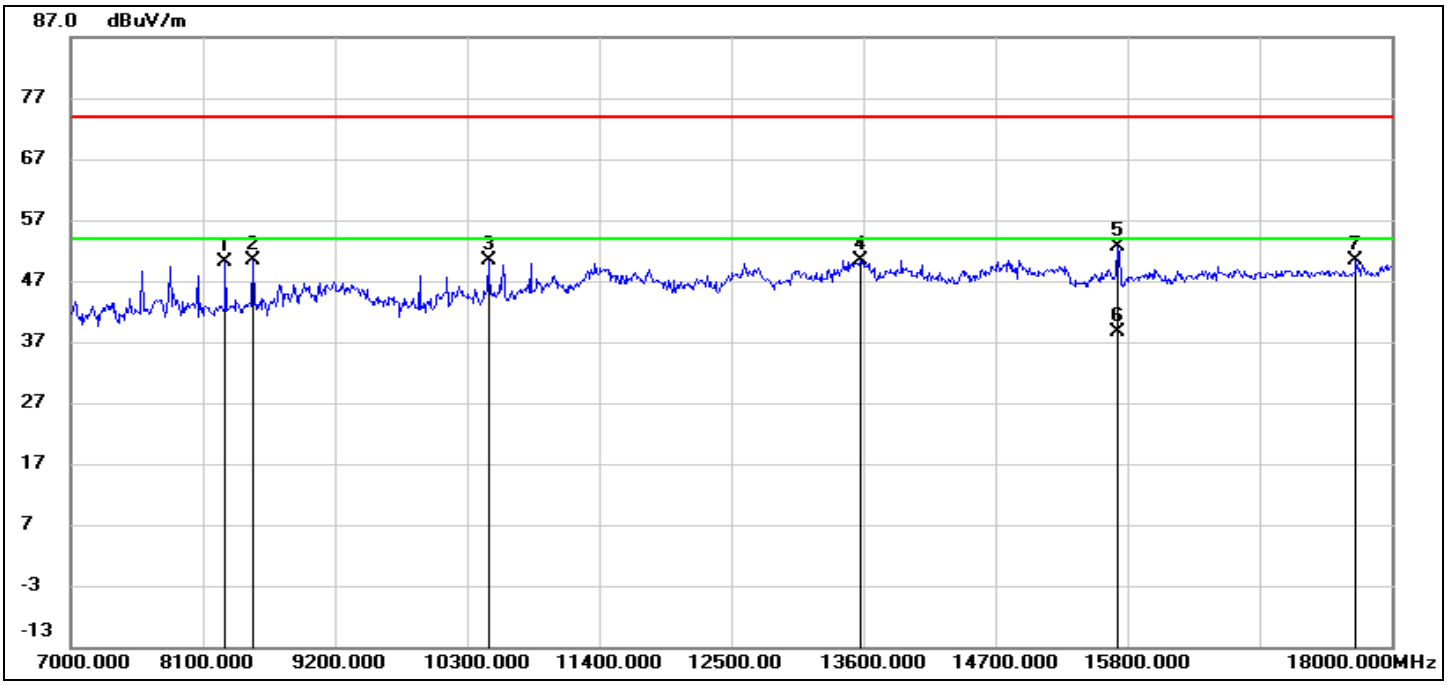
Test Mode:	802.11a 20	Channel:	5240
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	43.43	6.70	50.13	74.00	-23.87	peak
2	8518.000	43.26	7.01	50.27	74.00	-23.73	peak
3	10476.000	37.53	12.77	50.30	74.00	-23.70	peak
4	13578.000	29.52	20.83	50.35	74.00	-23.65	peak
5	15712.000	35.89	16.80	52.69	74.00	-21.31	peak
6	15712.000	21.72	16.80	38.52	54.00	-15.48	AVG
7	17703.000	26.20	24.09	50.29	74.00	-23.71	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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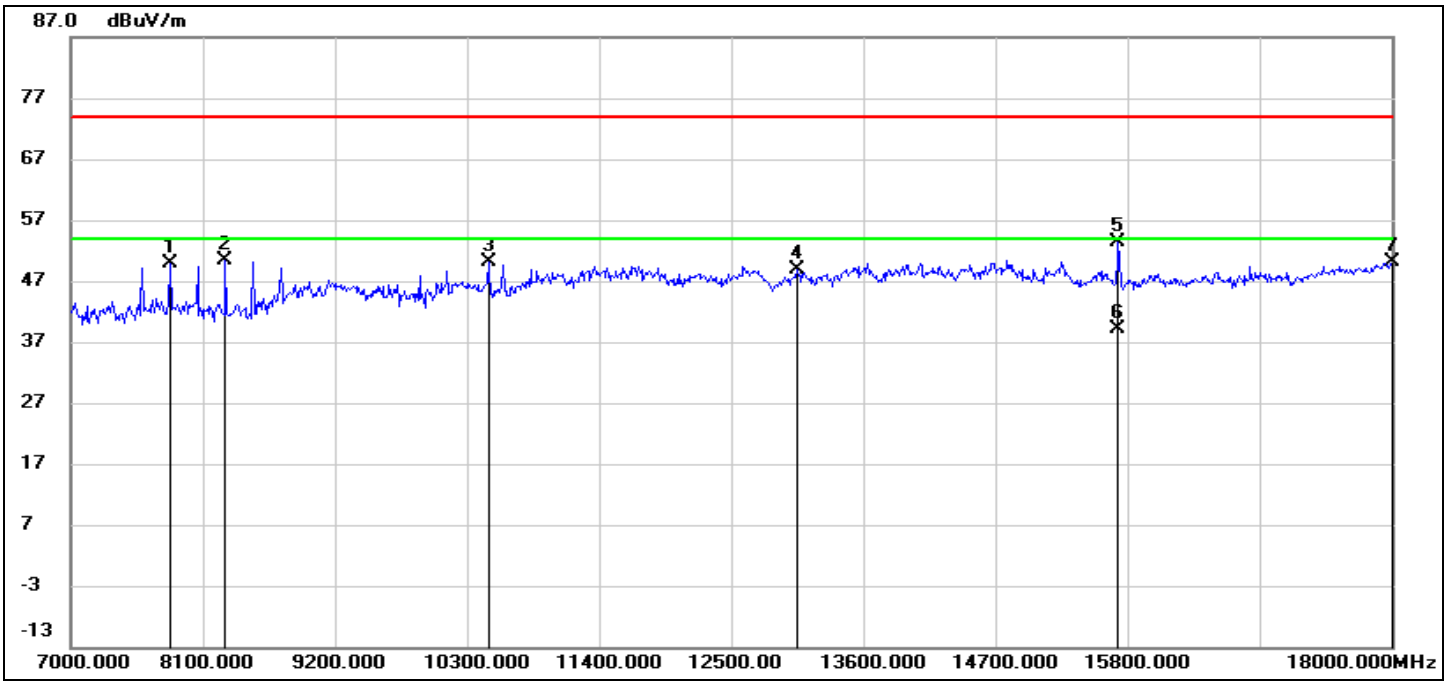
Test Mode:	802.11a 20	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	43.37	6.58	49.95	74.00	-24.05	peak
2	8287.000	43.69	6.70	50.39	74.00	-23.61	peak
3	10476.000	37.38	12.77	50.15	74.00	-23.85	peak
4	13050.000	30.23	18.66	48.89	74.00	-25.11	peak
5	15723.000	36.59	16.81	53.40	74.00	-20.60	peak
6	15723.000	22.29	16.81	39.10	54.00	-14.90	AVG
7	18000.000	23.89	26.12	50.01	74.00	-23.99	peak

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

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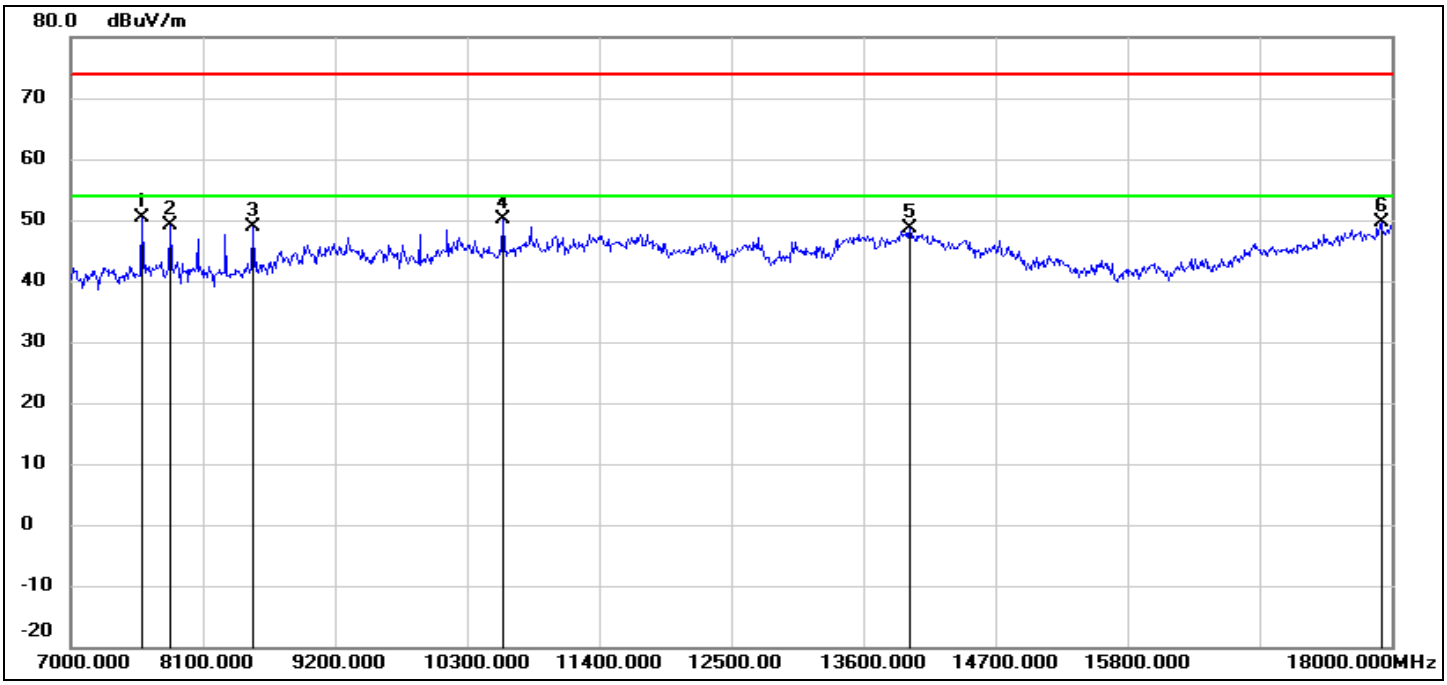
Test Mode:	802.11a 20	Channel:	5745
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.66	6.79	50.45	74.00	-23.55	peak
2	7825.000	42.46	6.58	49.04	74.00	-24.96	peak
3	8518.000	41.83	7.01	48.84	74.00	-25.16	peak
4	10597.000	37.06	13.19	50.25	74.00	-23.75	peak
5	13985.000	26.78	21.85	48.63	74.00	-25.37	peak
6	17912.000	24.09	25.52	49.61	74.00	-24.39	peak

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

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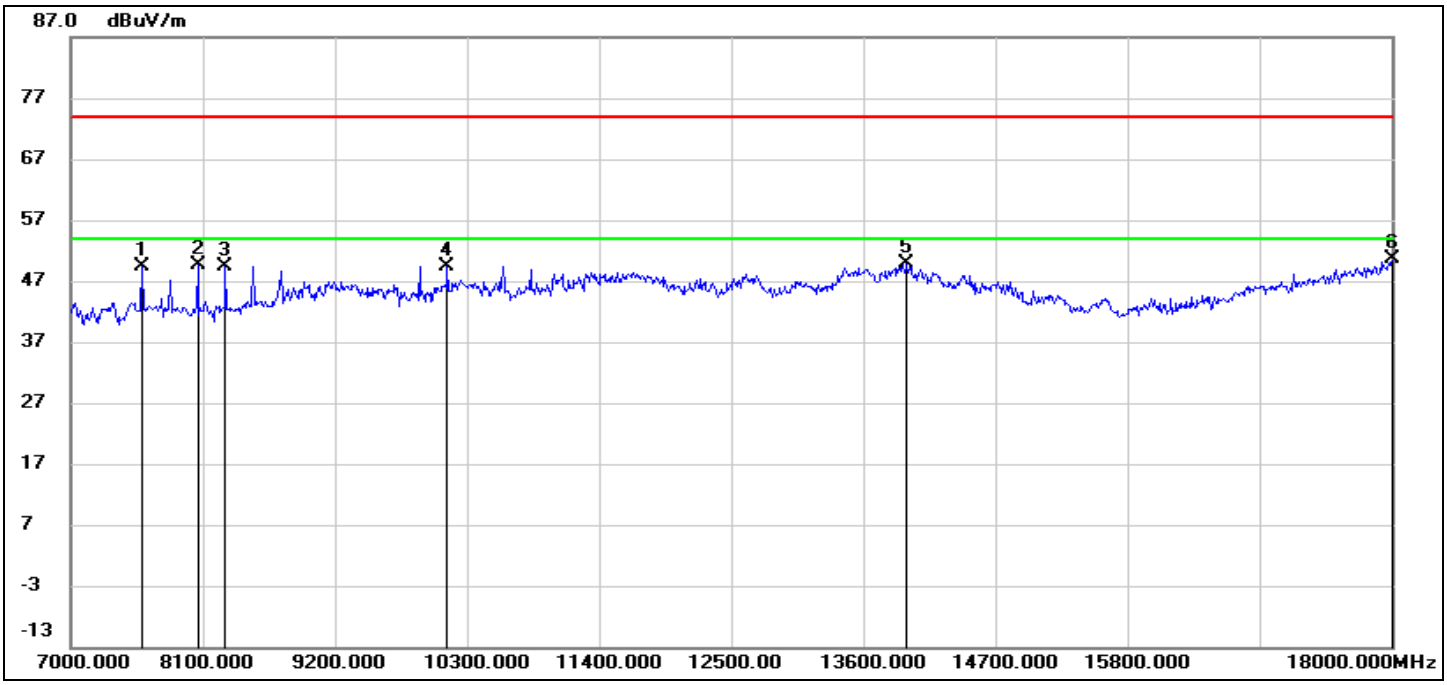
Test Mode:	802.11a 20	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.69	6.79	49.48	74.00	-24.52	peak
2	8056.000	43.11	6.48	49.59	74.00	-24.41	peak
3	8287.000	42.78	6.70	49.48	74.00	-24.52	peak
4	10135.000	37.34	12.05	49.39	74.00	-24.61	peak
5	13963.000	28.03	21.78	49.81	74.00	-24.19	peak
6	18000.000	24.45	26.12	50.57	74.00	-23.43	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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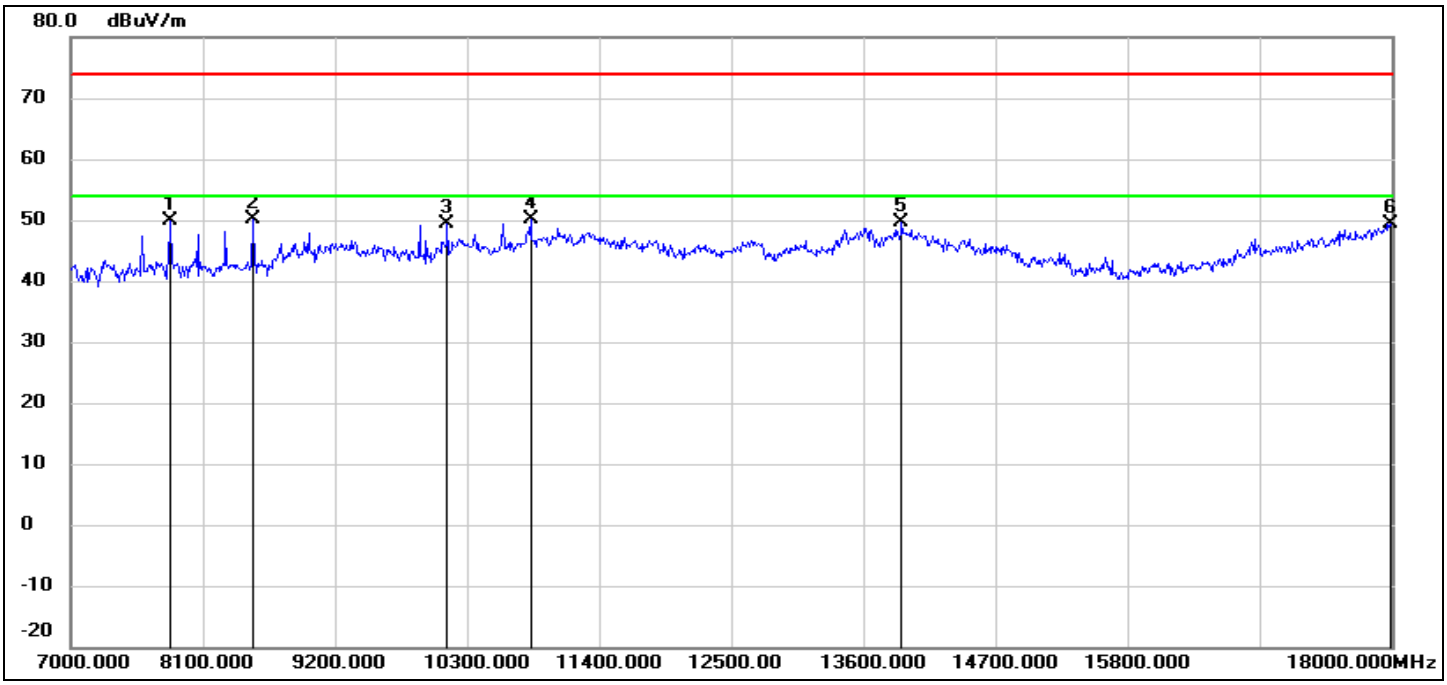
Test Mode:	802.11a 20	Channel:	5785
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	43.37	6.58	49.95	74.00	-24.05	peak
2	8518.000	43.22	7.01	50.23	74.00	-23.77	peak
3	10135.000	37.43	12.05	49.48	74.00	-24.52	peak
4	10828.000	35.97	14.07	50.04	74.00	-23.96	peak
5	13919.000	27.87	21.68	49.55	74.00	-24.45	peak
6	17989.000	23.35	26.04	49.39	74.00	-24.61	peak

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

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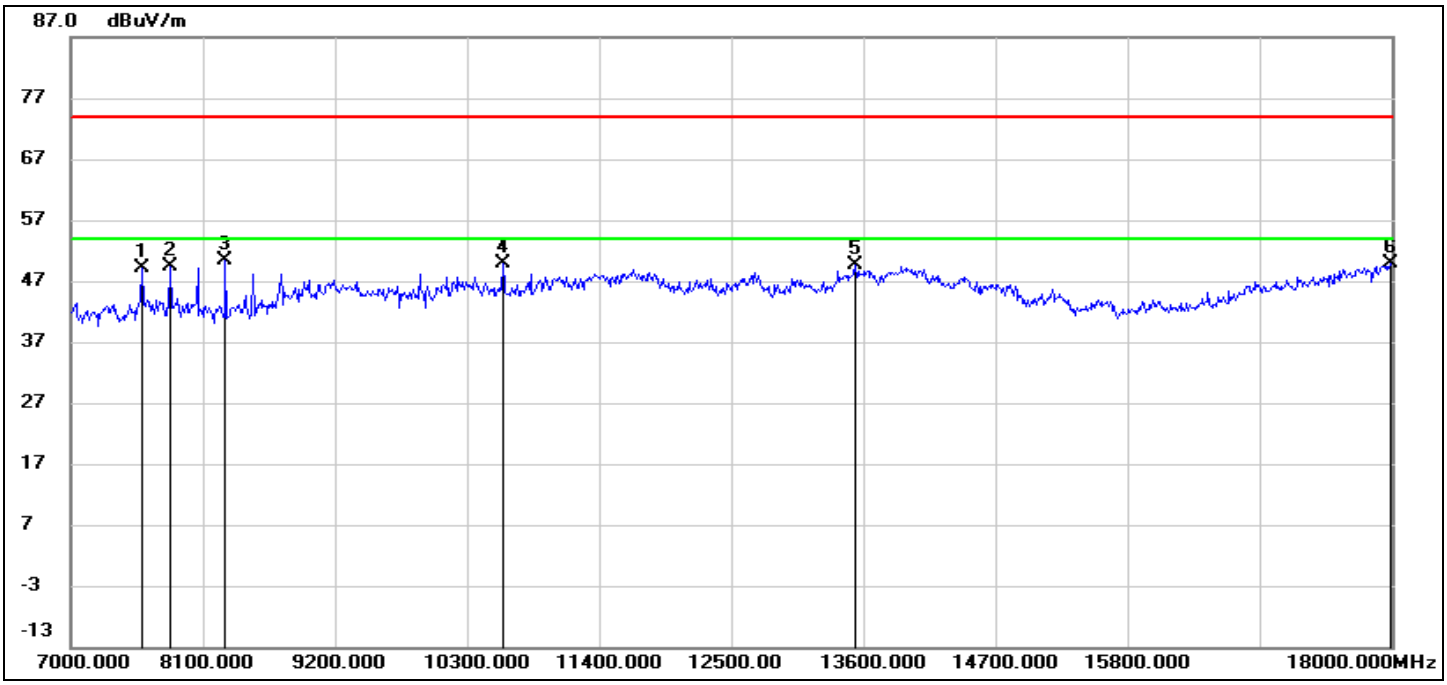
Test Mode:	802.11a 20	Channel:	5785
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.23	6.79	49.02	74.00	-24.98	peak
2	7825.000	42.89	6.58	49.47	74.00	-24.53	peak
3	8287.000	43.56	6.70	50.26	74.00	-23.74	peak
4	10597.000	36.59	13.19	49.78	74.00	-24.22	peak
5	13534.000	28.79	20.73	49.52	74.00	-24.48	peak
6	17989.000	23.96	26.04	50.00	74.00	-24.00	peak

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

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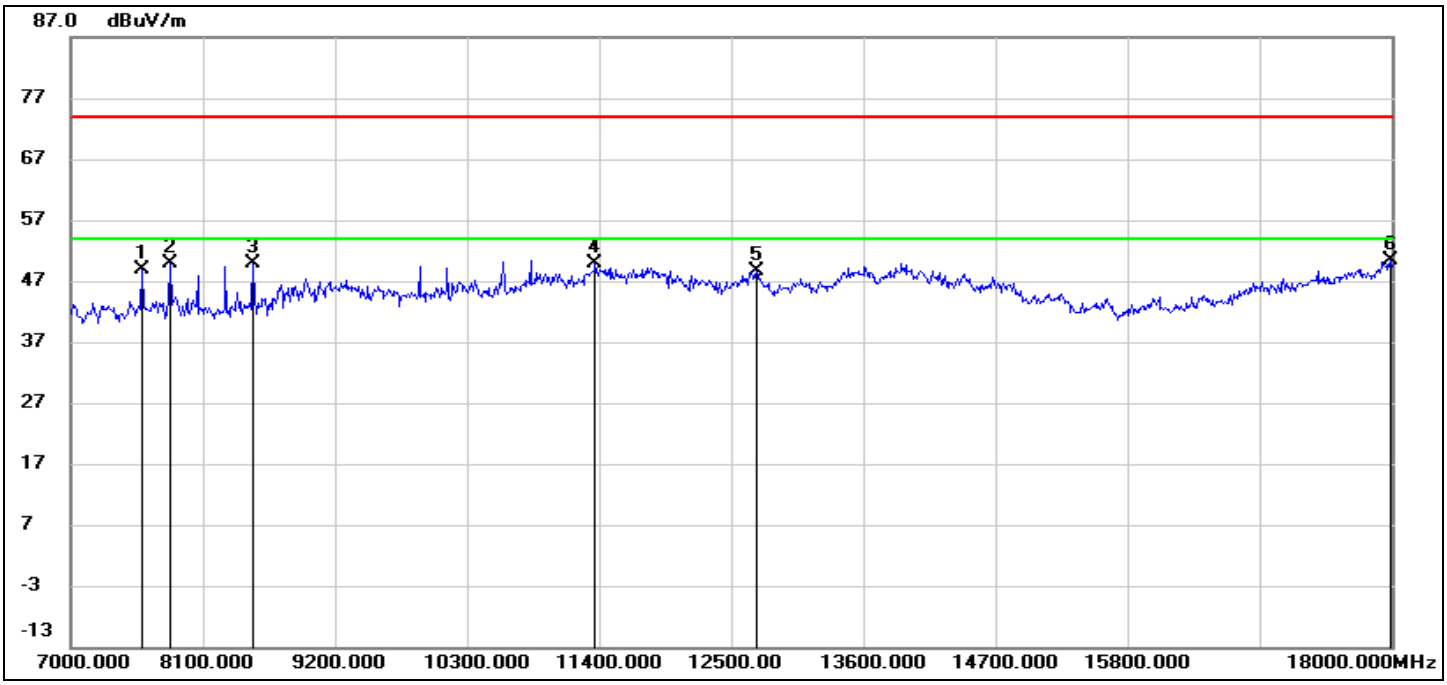
Test Mode:	802.11a 20	Channel:	5825
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.14	6.79	48.93	74.00	-25.07	peak
2	7825.000	43.41	6.58	49.99	74.00	-24.01	peak
3	8518.000	42.98	7.01	49.99	74.00	-24.01	peak
4	11367.000	33.58	16.22	49.80	74.00	-24.20	peak
5	12709.000	30.64	18.09	48.73	74.00	-25.27	peak
6	17989.000	24.45	26.04	50.49	74.00	-23.51	peak

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

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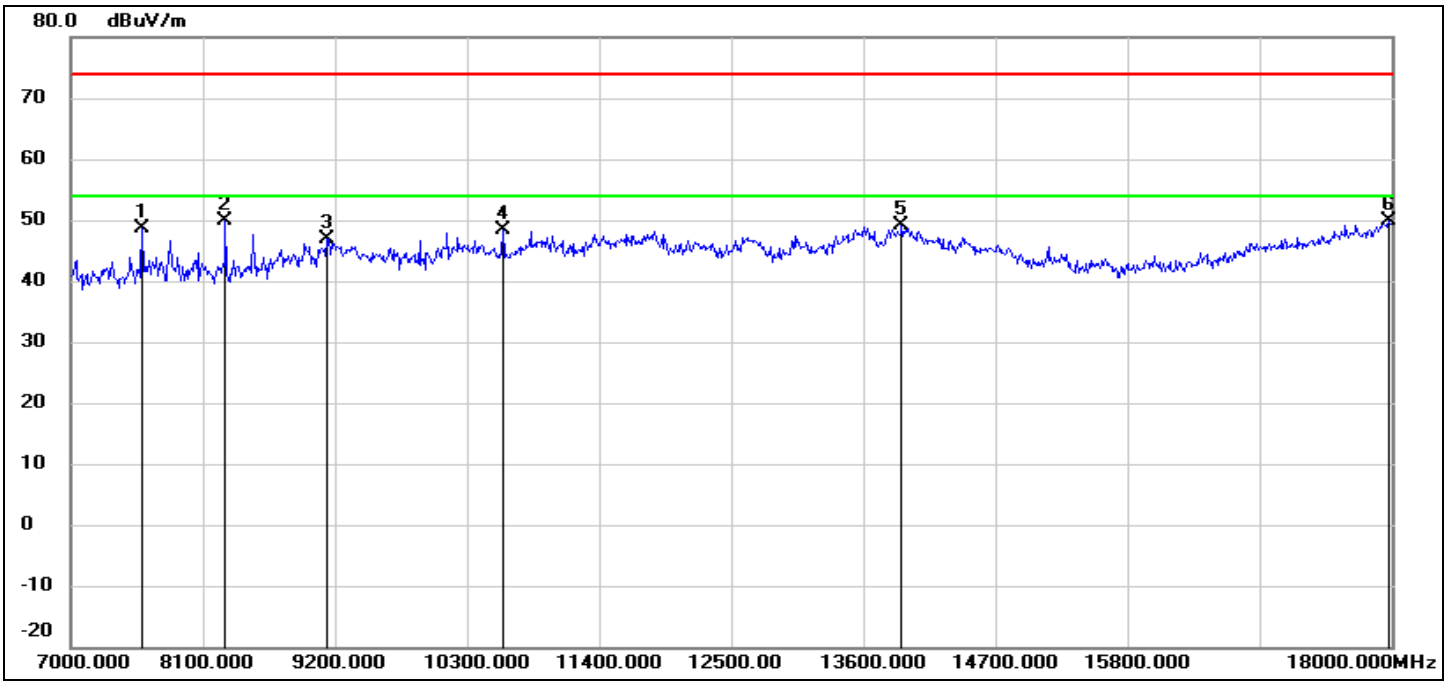
Test Mode:	802.11a 20	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.91	6.79	48.70	74.00	-25.30	peak
2	8287.000	43.20	6.70	49.90	74.00	-24.10	peak
3	9134.000	36.44	10.41	46.85	74.00	-27.15	peak
4	10597.000	35.19	13.19	48.38	74.00	-25.62	peak
5	13919.000	27.45	21.68	49.13	74.00	-24.87	peak
6	17978.000	23.81	25.97	49.78	74.00	-24.22	peak

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

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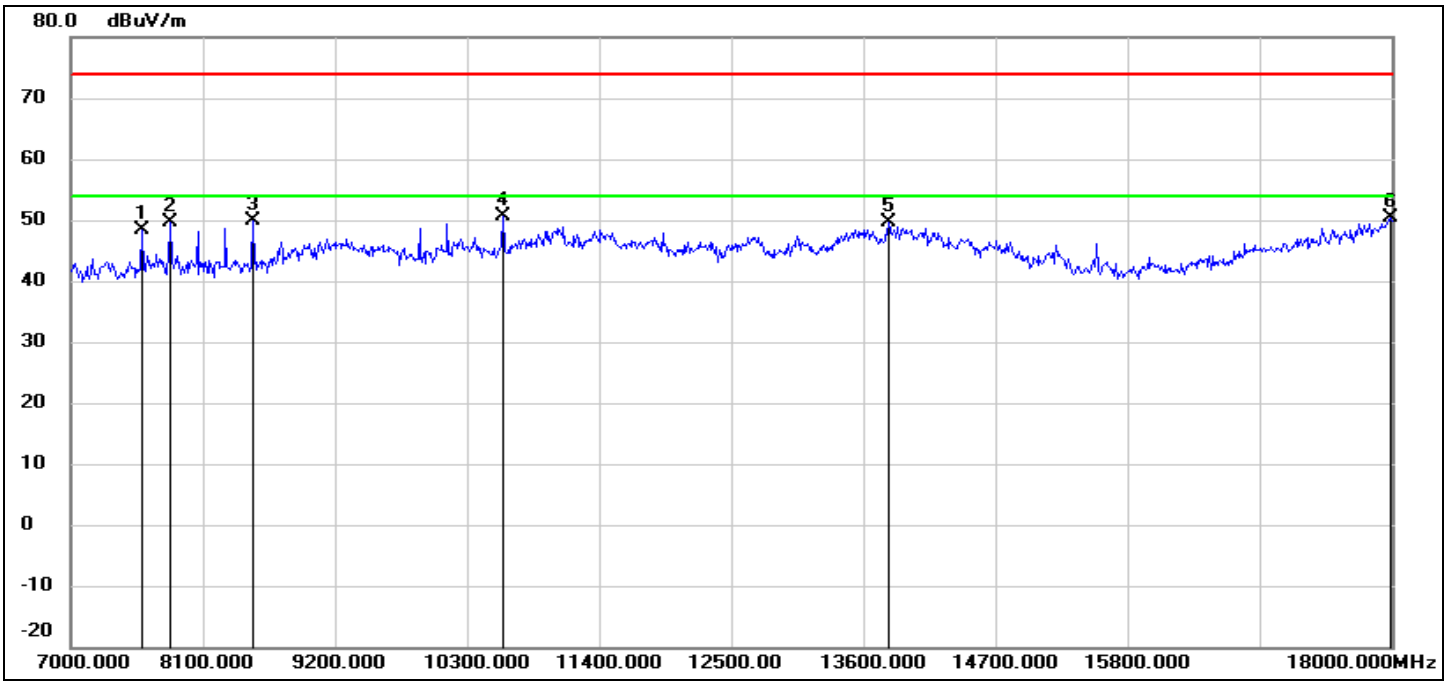
Test Mode:	802.11n HT20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.51	6.79	48.30	74.00	-25.70	peak
2	7825.000	43.09	6.58	49.67	74.00	-24.33	peak
3	8518.000	42.84	7.01	49.85	74.00	-24.15	peak
4	10597.000	37.37	13.19	50.56	74.00	-23.44	peak
5	13809.000	28.22	21.41	49.63	74.00	-24.37	peak
6	17989.000	24.41	26.04	50.45	74.00	-23.55	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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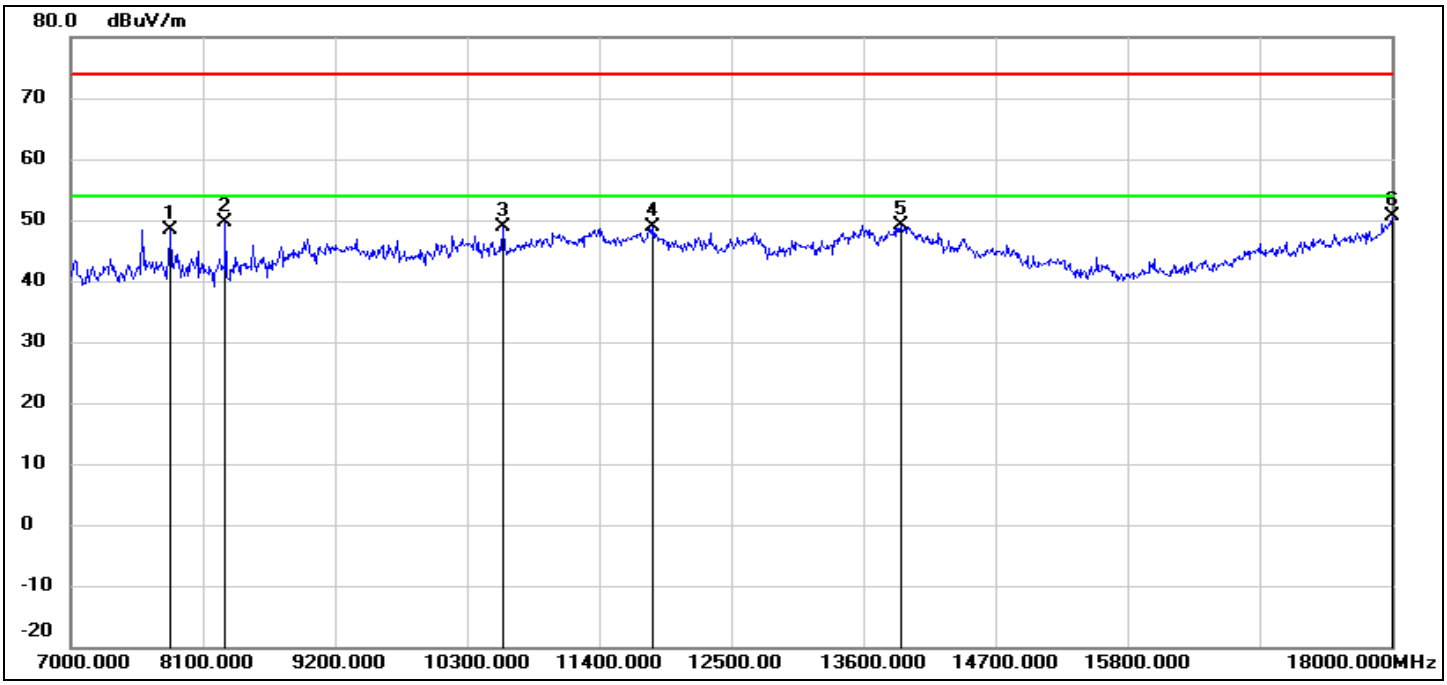
Test Mode:	802.11n HT20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	41.79	6.58	48.37	74.00	-25.63	peak
2	8287.000	42.86	6.70	49.56	74.00	-24.44	peak
3	10597.000	35.61	13.19	48.80	74.00	-25.20	peak
4	11851.000	31.37	17.43	48.80	74.00	-25.20	peak
5	13908.000	27.58	21.66	49.24	74.00	-24.76	peak
6	18000.000	24.43	26.12	50.55	74.00	-23.45	peak

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

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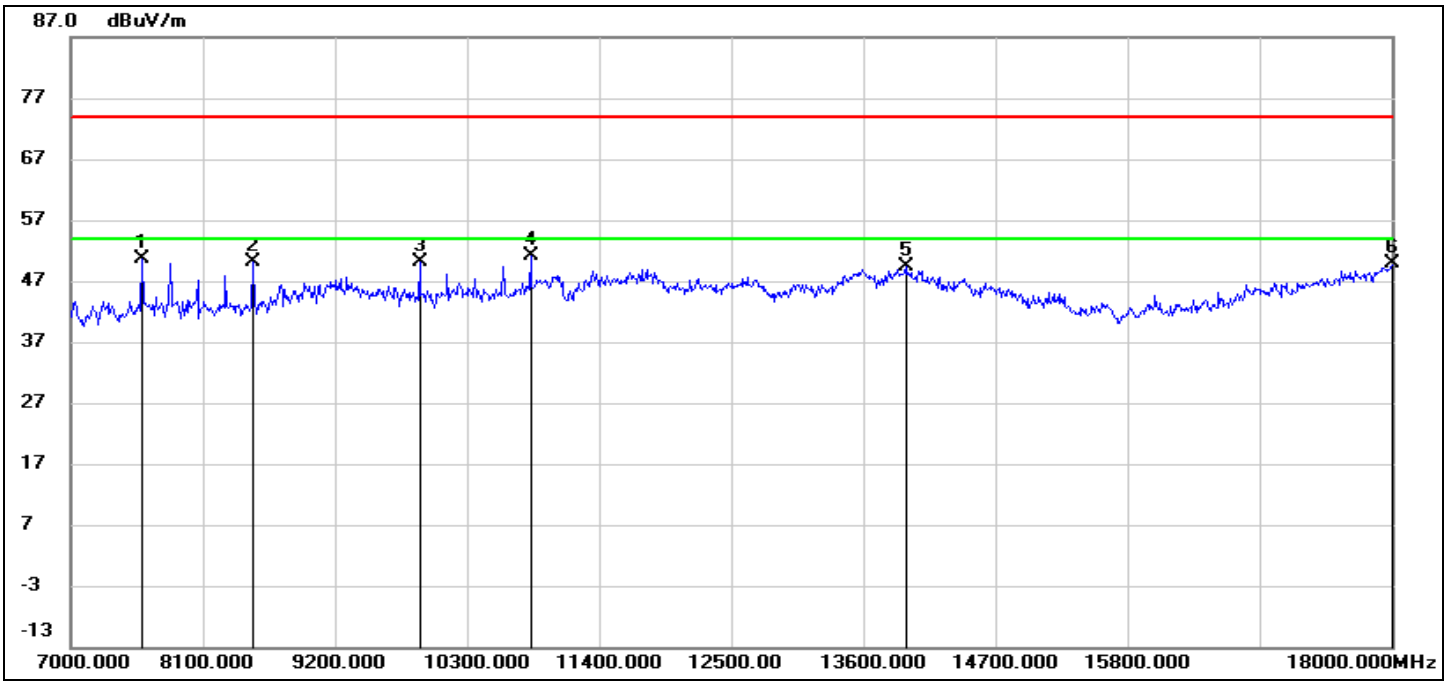
Test Mode:	802.11n HT20	Channel:	5200
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.84	6.79	50.63	74.00	-23.37	peak
2	8518.000	43.01	7.01	50.02	74.00	-23.98	peak
3	9904.000	38.67	11.55	50.22	74.00	-23.78	peak
4	10828.000	37.02	14.07	51.09	74.00	-22.91	peak
5	13952.000	27.50	21.76	49.26	74.00	-24.74	peak
6	18000.000	23.75	26.12	49.87	74.00	-24.13	peak

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

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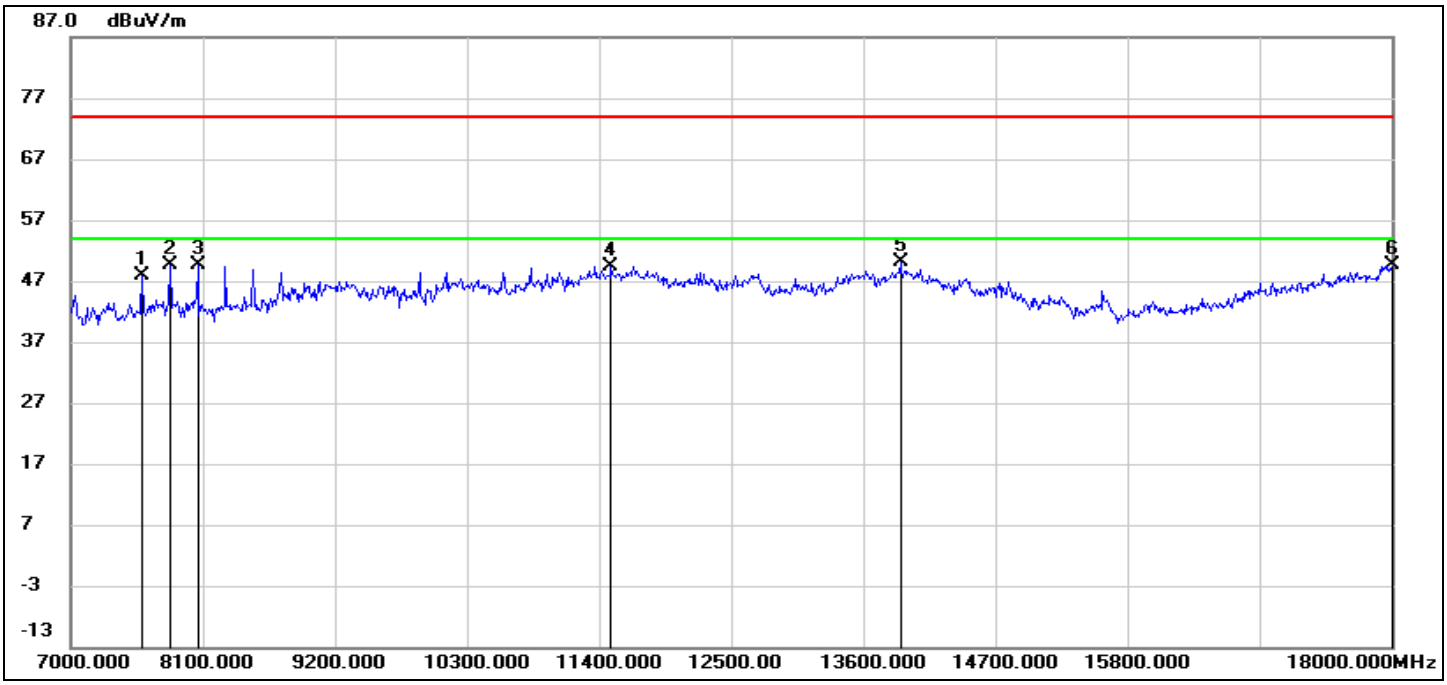
Test Mode:	802.11n HT20	Channel:	5200
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.21	6.79	48.00	74.00	-26.00	peak
2	7825.000	43.04	6.58	49.62	74.00	-24.38	peak
3	8056.000	43.17	6.48	49.65	74.00	-24.35	peak
4	11499.000	32.70	16.77	49.47	74.00	-24.53	peak
5	13908.000	28.38	21.66	50.04	74.00	-23.96	peak
6	18000.000	23.56	26.12	49.68	74.00	-24.32	peak

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

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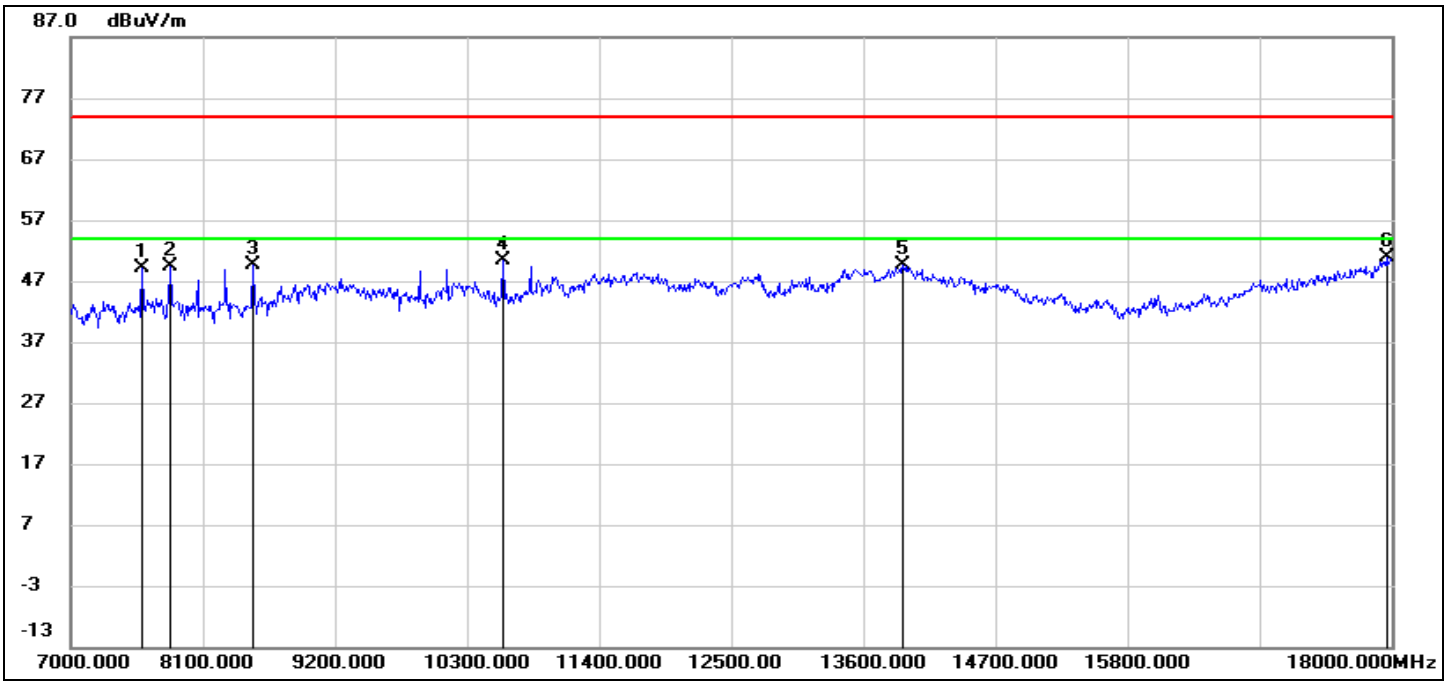
Test Mode:	802.11n HT20	Channel:	5240
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.40	6.79	49.19	74.00	-24.81	peak
2	7825.000	42.87	6.58	49.45	74.00	-24.55	peak
3	8518.000	42.66	7.01	49.67	74.00	-24.33	peak
4	10597.000	37.09	13.19	50.28	74.00	-23.72	peak
5	13930.000	27.93	21.71	49.64	74.00	-24.36	peak
6	17956.000	25.10	25.82	50.92	74.00	-23.08	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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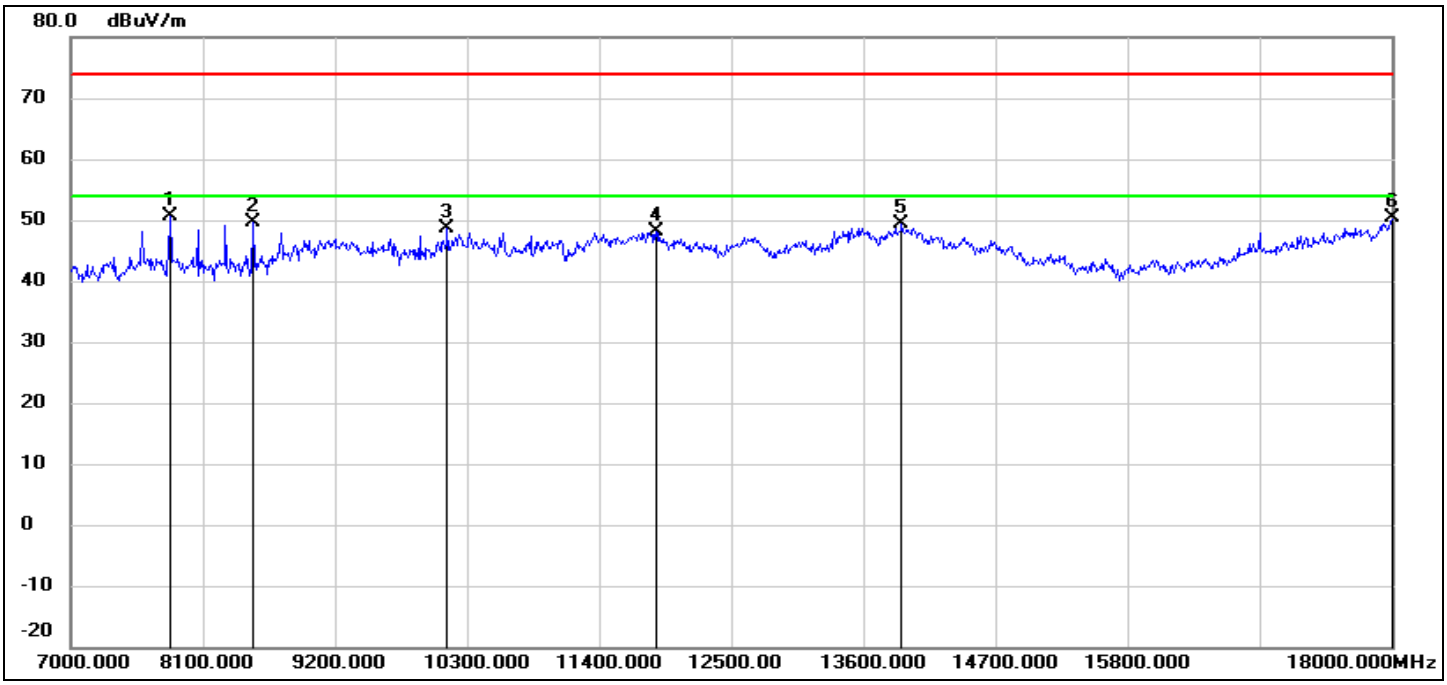
Test Mode:	802.11n HT20	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.02	6.58	50.60	74.00	-23.40	peak
2	8518.000	42.60	7.01	49.61	74.00	-24.39	peak
3	10135.000	36.53	12.05	48.58	74.00	-25.42	peak
4	11873.000	30.76	17.46	48.22	74.00	-25.78	peak
5	13919.000	27.74	21.68	49.42	74.00	-24.58	peak
6	18000.000	24.18	26.12	50.30	74.00	-23.70	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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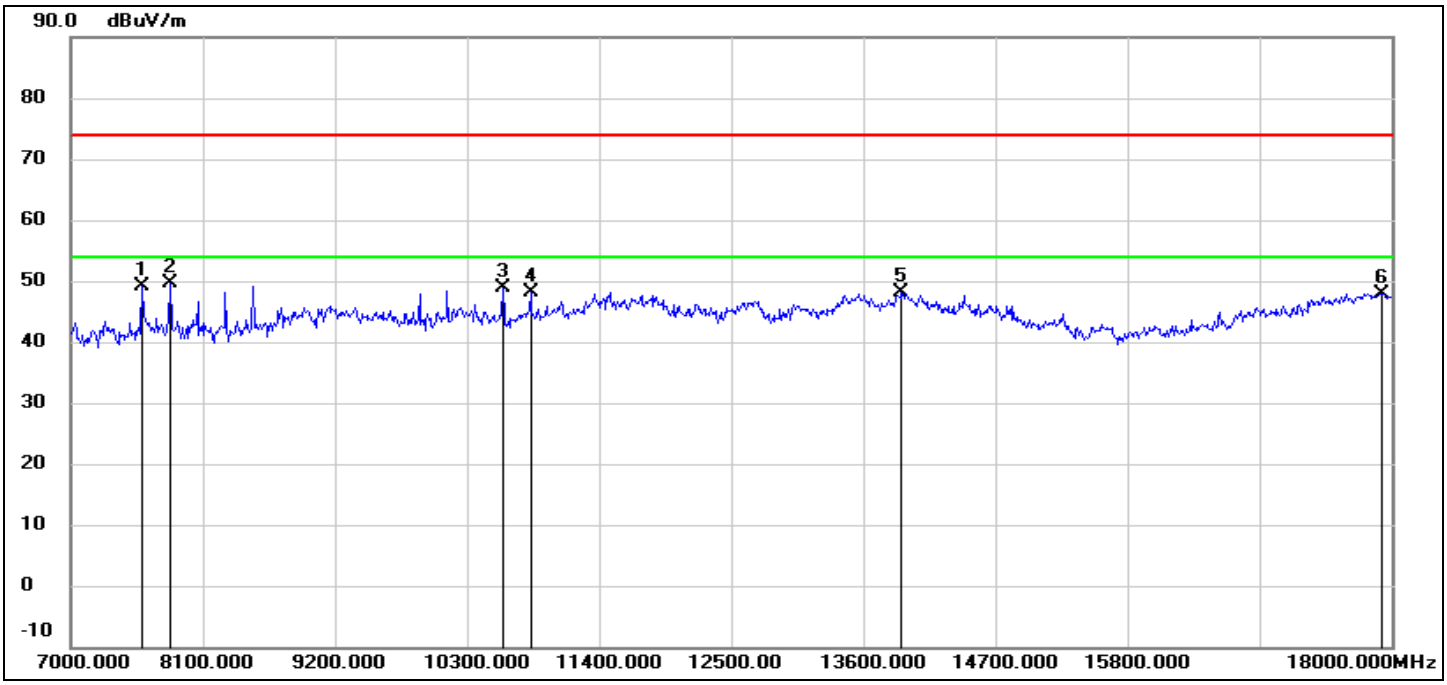
Test Mode:	802.11n HT20	Channel:	5745
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.26	6.79	49.05	74.00	-24.95	peak
2	7825.000	43.04	6.58	49.62	74.00	-24.38	peak
3	10597.000	35.58	13.19	48.77	74.00	-25.23	peak
4	10828.000	34.12	14.07	48.19	74.00	-25.81	peak
5	13919.000	26.41	21.68	48.09	74.00	-25.91	peak
6	17923.000	22.32	25.60	47.92	74.00	-26.08	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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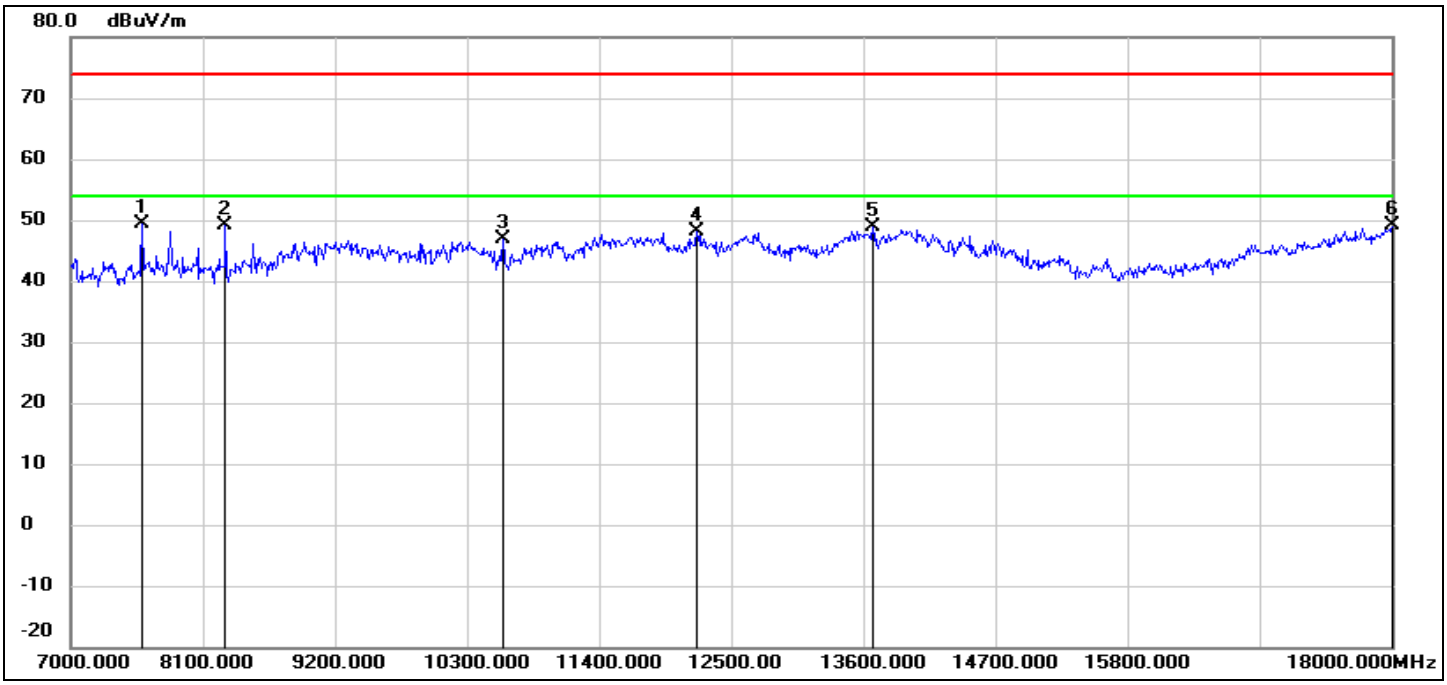
Test Mode:	802.11n HT20	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.67	6.79	49.46	74.00	-24.54	peak
2	8287.000	42.52	6.70	49.22	74.00	-24.78	peak
3	10597.000	33.64	13.19	46.83	74.00	-27.17	peak
4	12214.000	30.31	17.76	48.07	74.00	-25.93	peak
5	13677.000	27.68	21.08	48.76	74.00	-25.24	peak
6	18000.000	22.98	26.12	49.10	74.00	-24.90	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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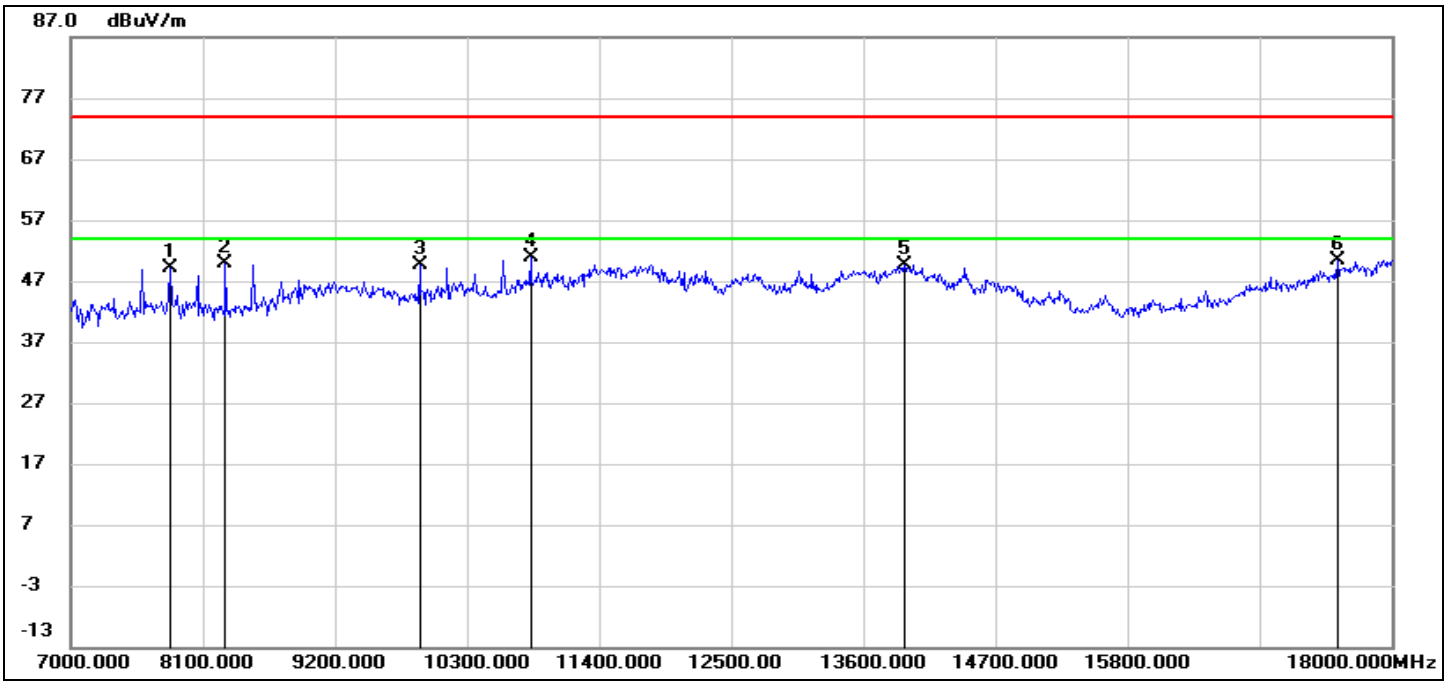
Test Mode:	802.11n HT20	Channel:	5785
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.58	6.58	49.16	74.00	-24.84	peak
2	8287.000	43.12	6.70	49.82	74.00	-24.18	peak
3	9904.000	38.10	11.55	49.65	74.00	-24.35	peak
4	10828.000	36.92	14.07	50.99	74.00	-23.01	peak
5	13941.000	28.00	21.73	49.73	74.00	-24.27	peak
6	17549.000	27.29	23.04	50.33	74.00	-23.67	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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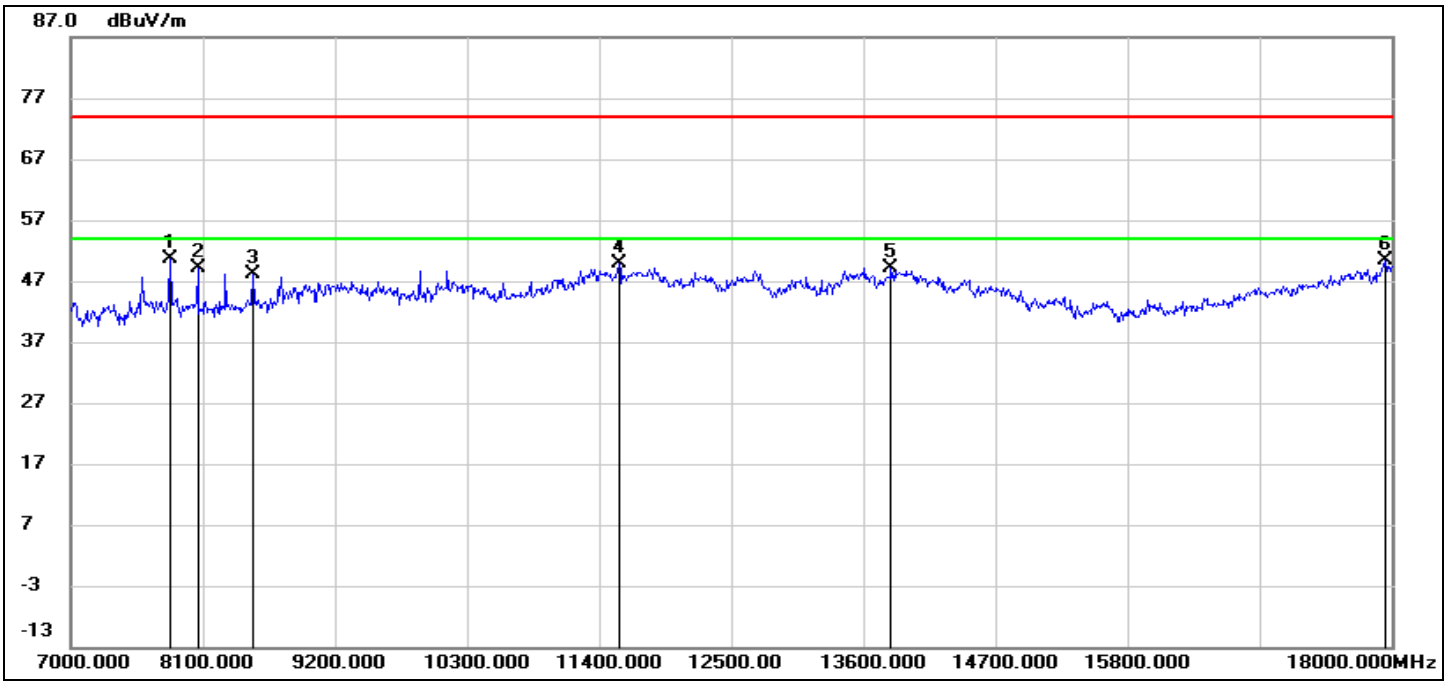
Test Mode:	802.11n HT20	Channel:	5785
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.03	6.58	50.61	74.00	-23.39	peak
2	8056.000	42.73	6.48	49.21	74.00	-24.79	peak
3	8518.000	41.14	7.01	48.15	74.00	-25.85	peak
4	11565.000	32.98	16.89	49.87	74.00	-24.13	peak
5	13831.000	27.62	21.47	49.09	74.00	-24.91	peak
6	17945.000	24.75	25.75	50.50	74.00	-23.50	peak

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

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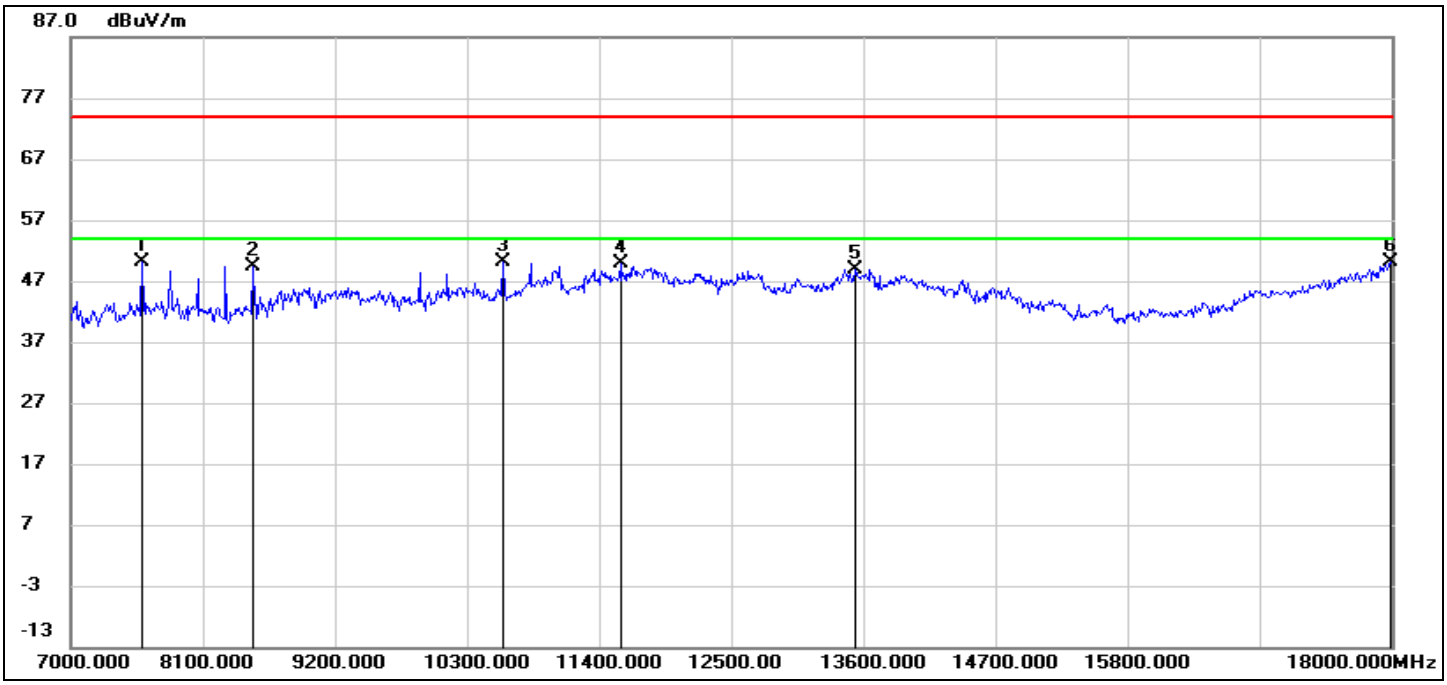
Test Mode:	802.11n HT20	Channel:	5825
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.28	6.79	50.07	74.00	-23.93	peak
2	8518.000	42.45	7.01	49.46	74.00	-24.54	peak
3	10597.000	37.04	13.19	50.23	74.00	-23.77	peak
4	11576.000	32.89	16.91	49.80	74.00	-24.20	peak
5	13534.000	28.18	20.73	48.91	74.00	-25.09	peak
6	17989.000	24.13	26.04	50.17	74.00	-23.83	peak

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

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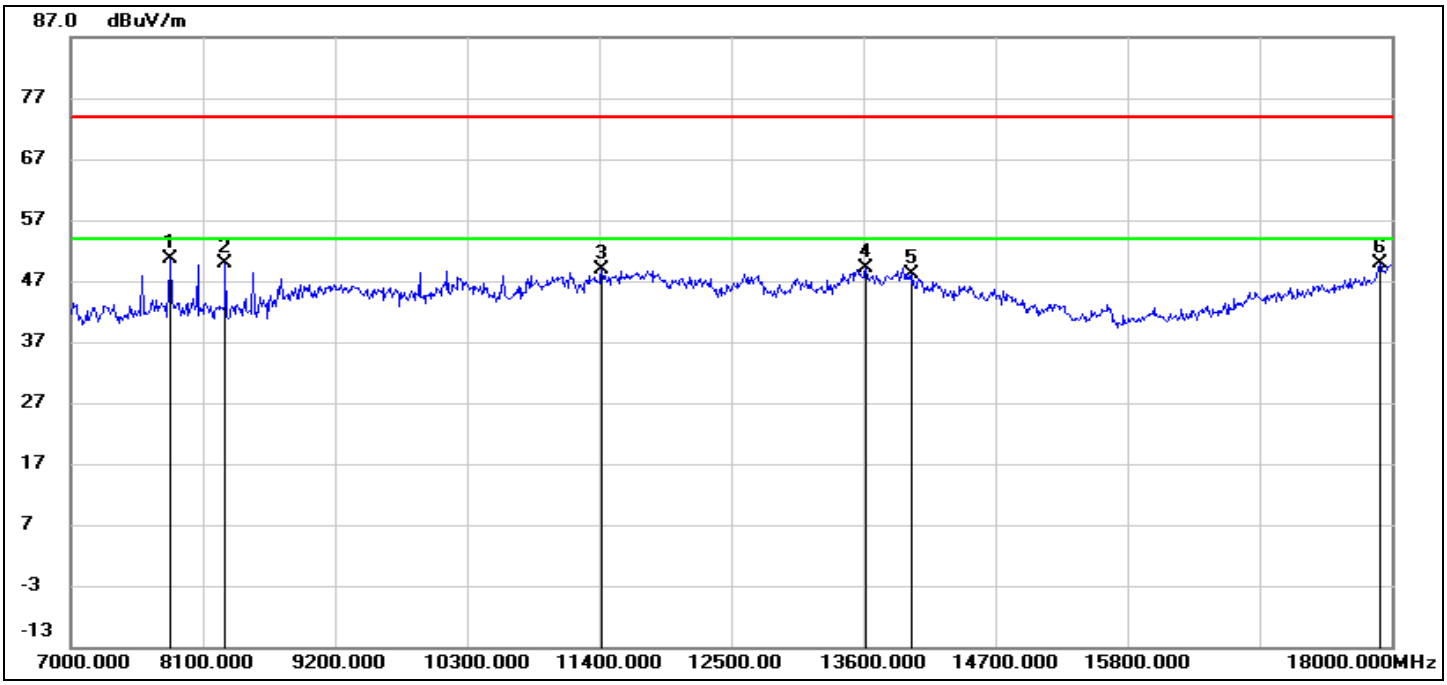
Test Mode:	802.11n HT20	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.07	6.58	50.65	74.00	-23.35	peak
2	8287.000	43.10	6.70	49.80	74.00	-24.20	peak
3	11422.000	32.33	16.46	48.79	74.00	-25.21	peak
4	13622.000	28.26	20.95	49.21	74.00	-24.79	peak
5	14007.000	26.33	21.85	48.18	74.00	-25.82	peak
6	17901.000	24.37	25.45	49.82	74.00	-24.18	peak

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

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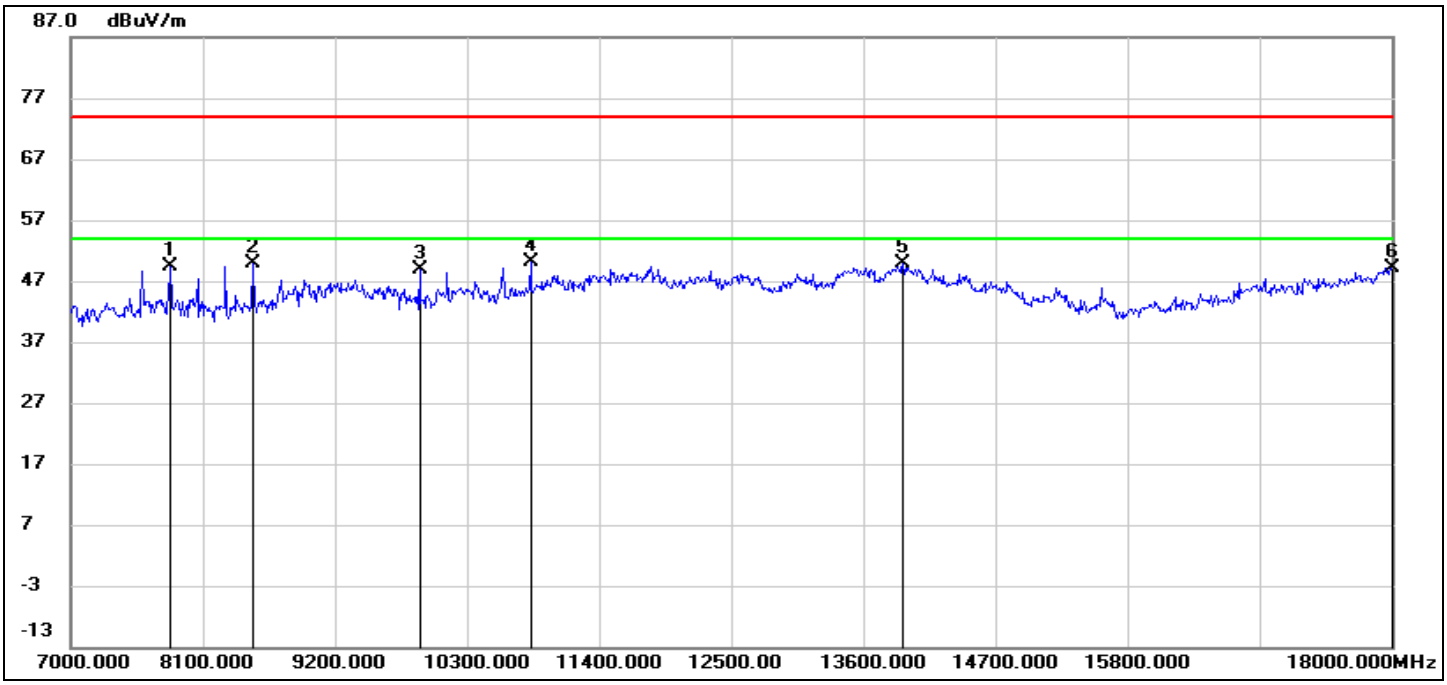
Test Mode:	802.11n HT40	Channel:	5190
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.92	6.58	49.50	74.00	-24.50	peak
2	8518.000	42.79	7.01	49.80	74.00	-24.20	peak
3	9904.000	37.45	11.55	49.00	74.00	-25.00	peak
4	10828.000	36.04	14.07	50.11	74.00	-23.89	peak
5	13930.000	28.10	21.71	49.81	74.00	-24.19	peak
6	18000.000	23.08	26.12	49.20	74.00	-24.80	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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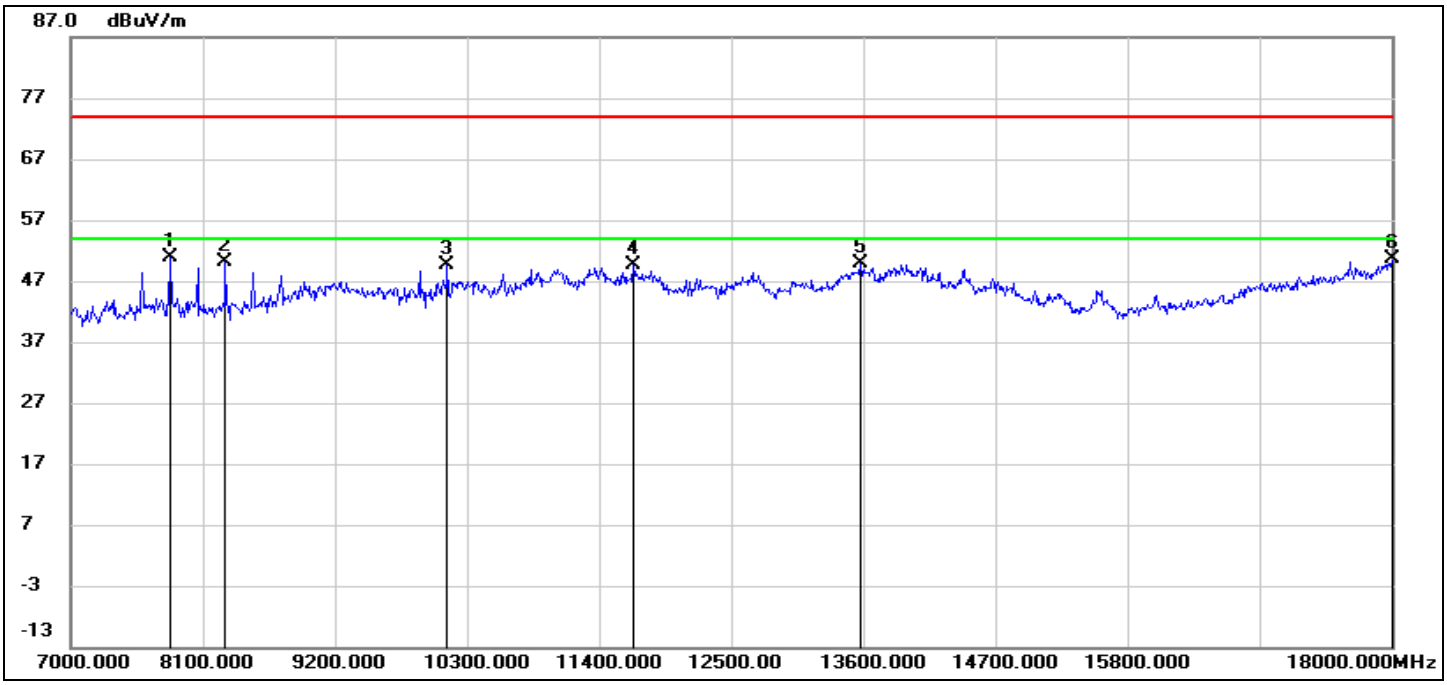
Test Mode:	802.11n HT40	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.37	6.58	50.95	74.00	-23.05	peak
2	8287.000	43.53	6.70	50.23	74.00	-23.77	peak
3	10135.000	37.47	12.05	49.52	74.00	-24.48	peak
4	11686.000	32.58	17.12	49.70	74.00	-24.30	peak
5	13578.000	28.98	20.83	49.81	74.00	-24.19	peak
6	18000.000	24.43	26.12	50.55	74.00	-23.45	peak

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

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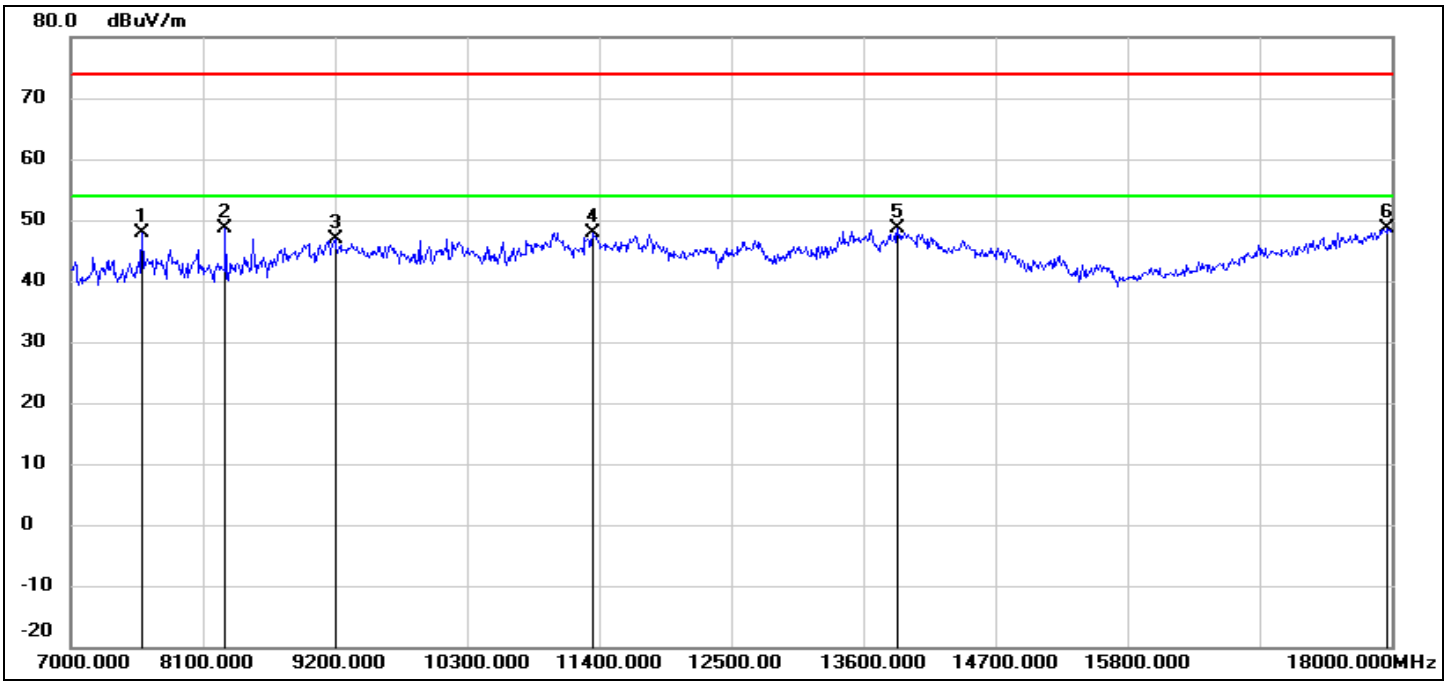
Test Mode:	802.11n HT40	Channel:	5230
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	40.97	6.79	47.76	74.00	-26.24	peak
2	8287.000	41.86	6.70	48.56	74.00	-25.44	peak
3	9200.000	36.52	10.46	46.98	74.00	-27.02	peak
4	11345.000	31.84	16.14	47.98	74.00	-26.02	peak
5	13886.000	26.96	21.60	48.56	74.00	-25.44	peak
6	17967.000	22.79	25.89	48.68	74.00	-25.32	peak

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

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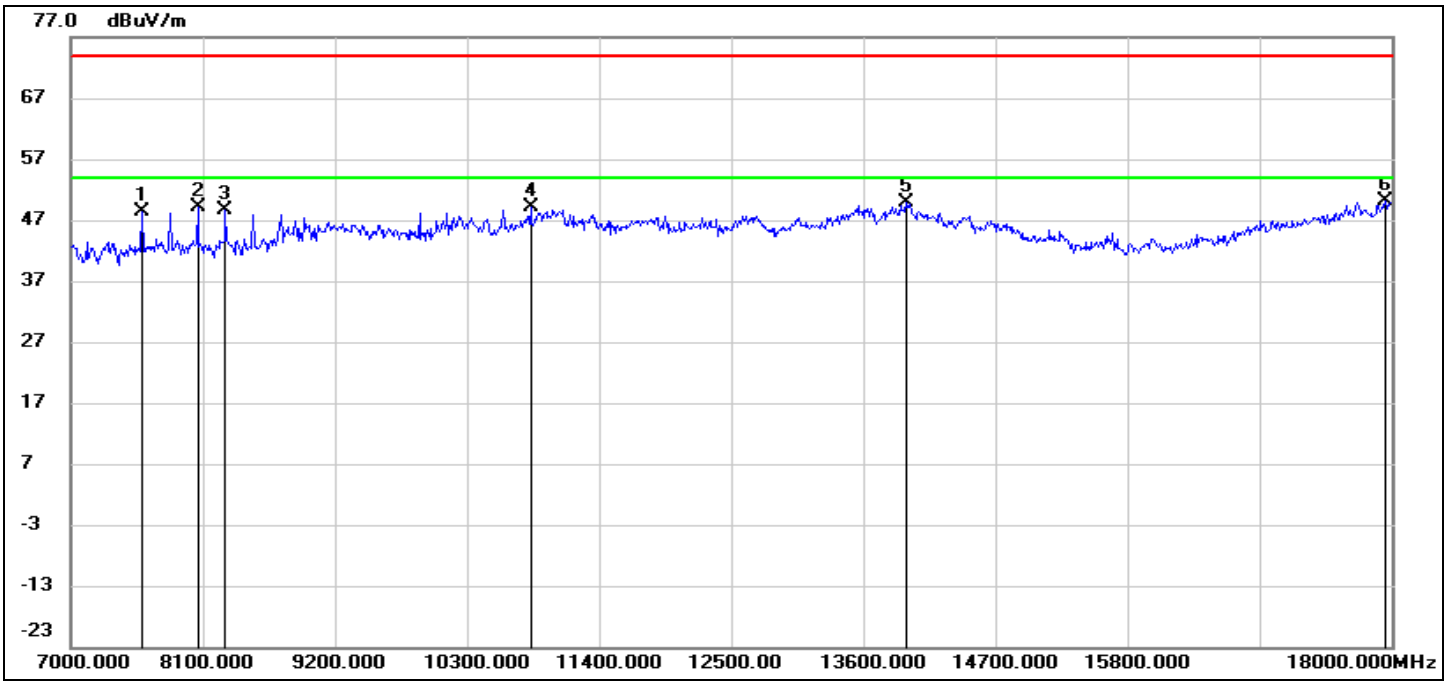
Test Mode:	802.11n HT40	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.52	6.79	48.31	74.00	-25.69	peak
2	8056.000	42.72	6.48	49.20	74.00	-24.80	peak
3	8287.000	41.92	6.70	48.62	74.00	-25.38	peak
4	10828.000	35.12	14.07	49.19	74.00	-24.81	peak
5	13952.000	28.17	21.76	49.93	74.00	-24.07	peak
6	17945.000	24.34	25.75	50.09	74.00	-23.91	peak

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

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Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Horizontal	Test Voltage:	DC 7.27 V

No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.77	6.79	50.56	74.00	-23.44	peak
2	7825.000	42.85	6.58	49.43	74.00	-24.57	peak
3	8518.000	42.58	7.01	49.59	74.00	-24.41	peak
4	10597.000	37.29	13.19	50.48	74.00	-23.52	peak
5	13963.000	28.70	21.78	50.48	74.00	-23.52	peak
6	18000.000	24.29	26.12	50.41	74.00	-23.59	peak

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

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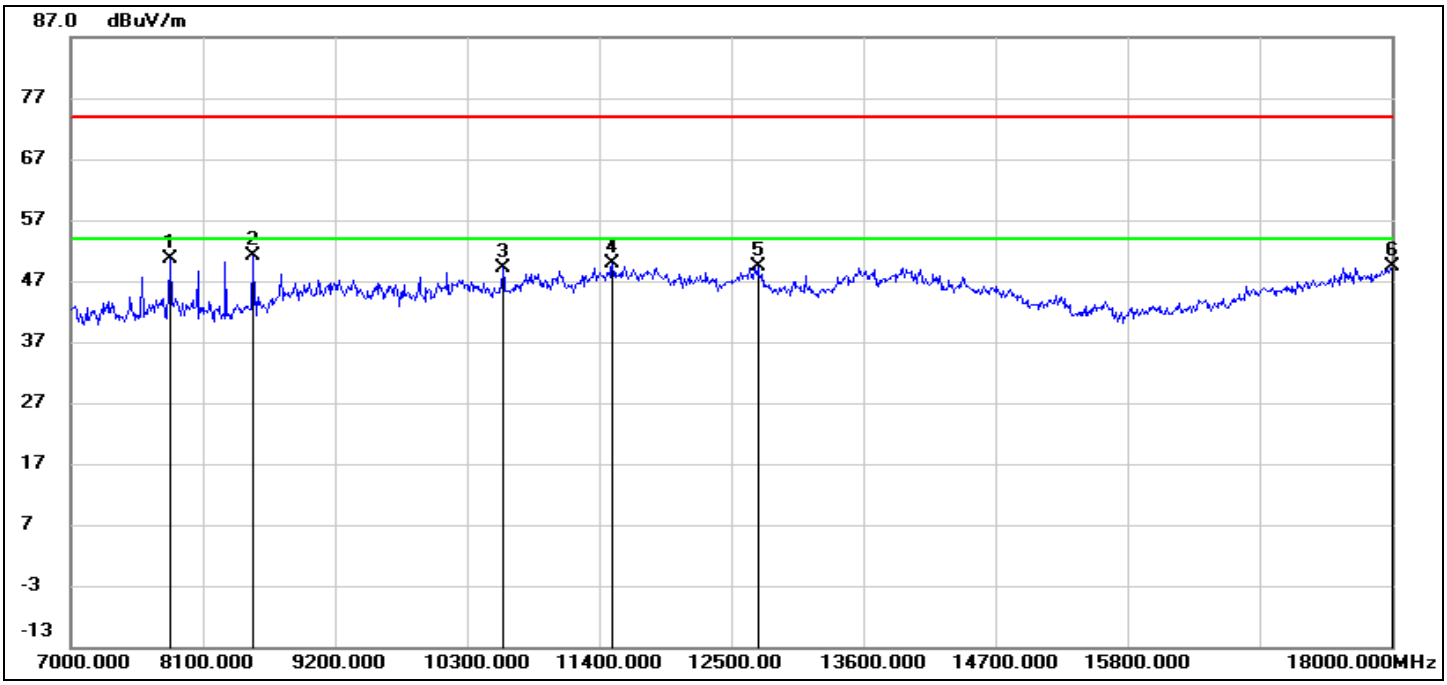
Test Mode:	802.11n HT40	Channel:	5755
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.07	6.58	50.65	74.00	-23.35	peak
2	8518.000	44.18	7.01	51.19	74.00	-22.81	peak
3	10597.000	35.95	13.19	49.14	74.00	-24.86	peak
4	11510.000	32.99	16.79	49.78	74.00	-24.22	peak
5	12720.000	31.37	18.09	49.46	74.00	-24.54	peak
6	18000.000	23.36	26.12	49.48	74.00	-24.52	peak

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

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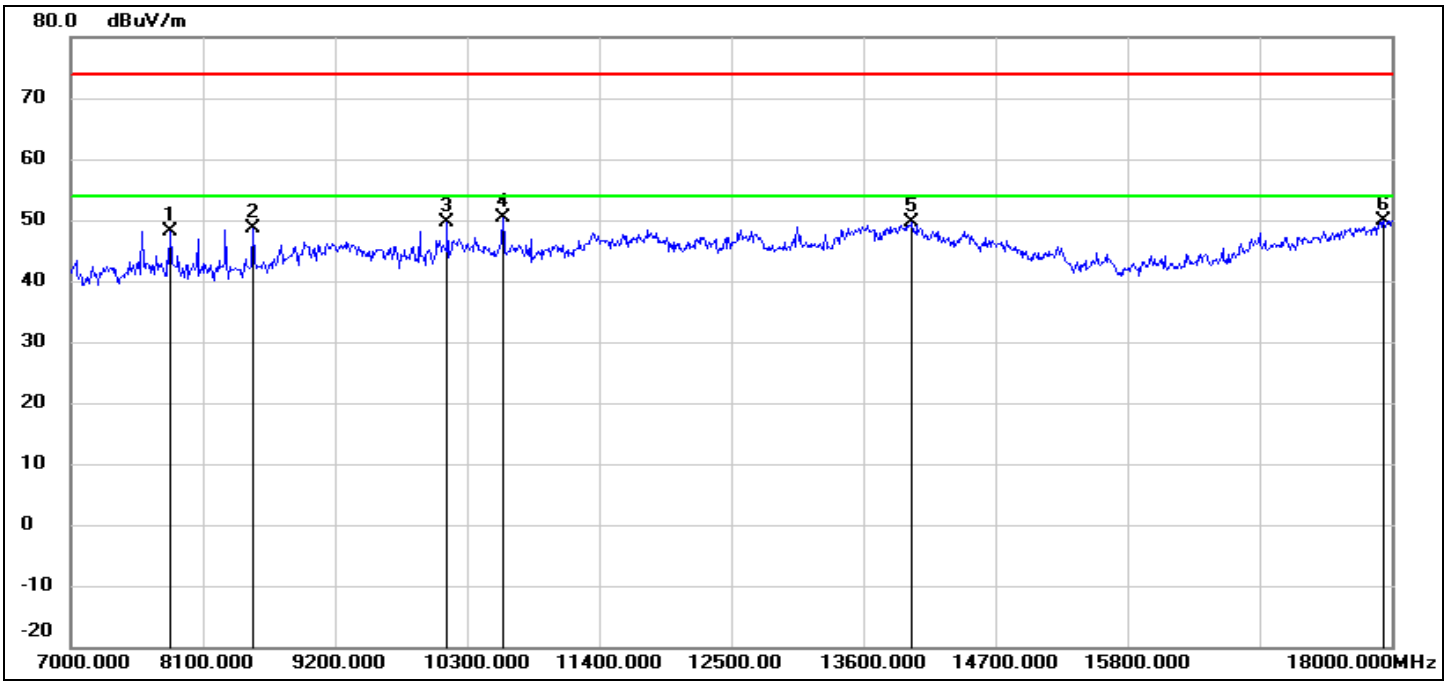
Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	41.65	6.58	48.23	74.00	-25.77	peak
2	8518.000	41.69	7.01	48.70	74.00	-25.30	peak
3	10135.000	37.49	12.05	49.54	74.00	-24.46	peak
4	10597.000	37.16	13.19	50.35	74.00	-23.65	peak
5	14007.000	27.73	21.85	49.58	74.00	-24.42	peak
6	17934.000	24.21	25.67	49.88	74.00	-24.12	peak

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

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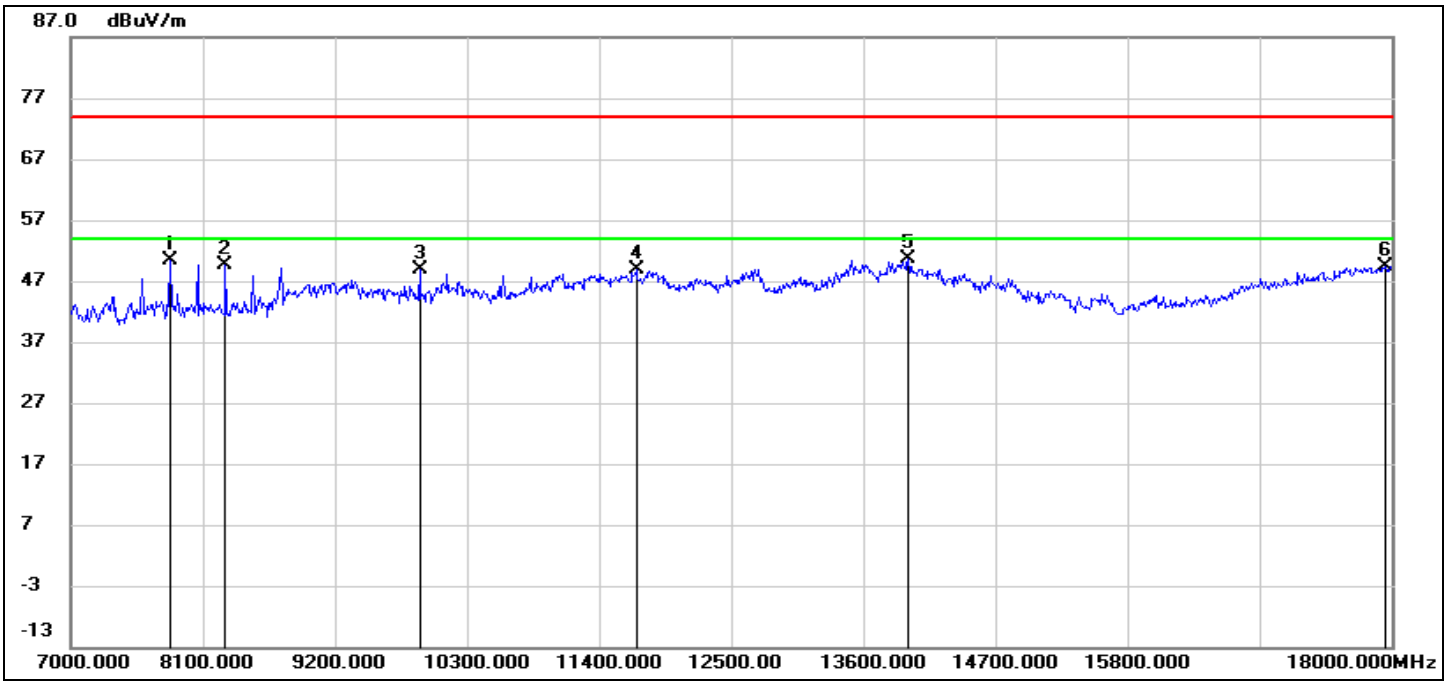
Test Mode:	802.11n HT40	Channel:	5795
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	43.87	6.58	50.45	74.00	-23.55	peak
2	8287.000	42.99	6.70	49.69	74.00	-24.31	peak
3	9904.000	37.34	11.55	48.89	74.00	-25.11	peak
4	11708.000	31.78	17.16	48.94	74.00	-25.06	peak
5	13974.000	28.83	21.82	50.65	74.00	-23.35	peak
6	17945.000	23.71	25.75	49.46	74.00	-24.54	peak

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

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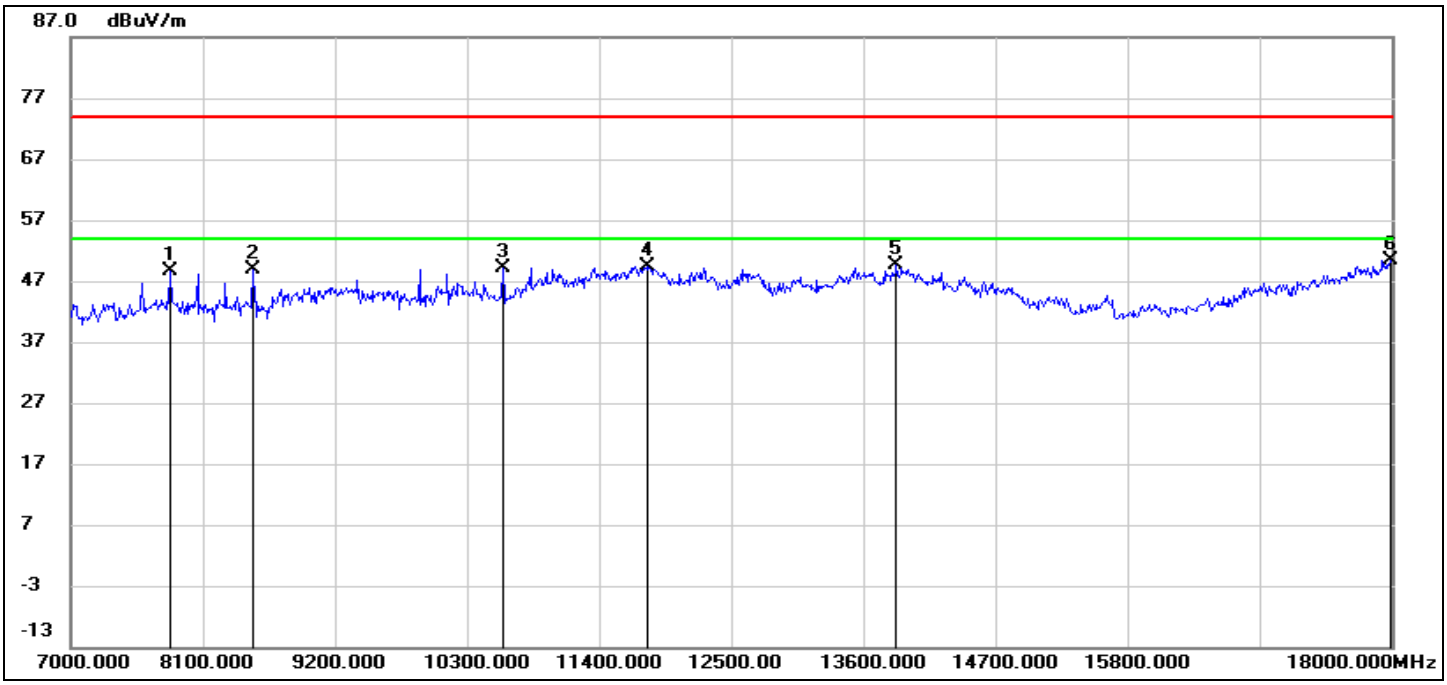
Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.07	6.58	48.65	74.00	-25.35	peak
2	8518.000	41.94	7.01	48.95	74.00	-25.05	peak
3	10597.000	35.90	13.19	49.09	74.00	-24.91	peak
4	11807.000	32.05	17.34	49.39	74.00	-24.61	peak
5	13875.000	28.13	21.57	49.70	74.00	-24.30	peak
6	17989.000	24.40	26.04	50.44	74.00	-23.56	peak

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

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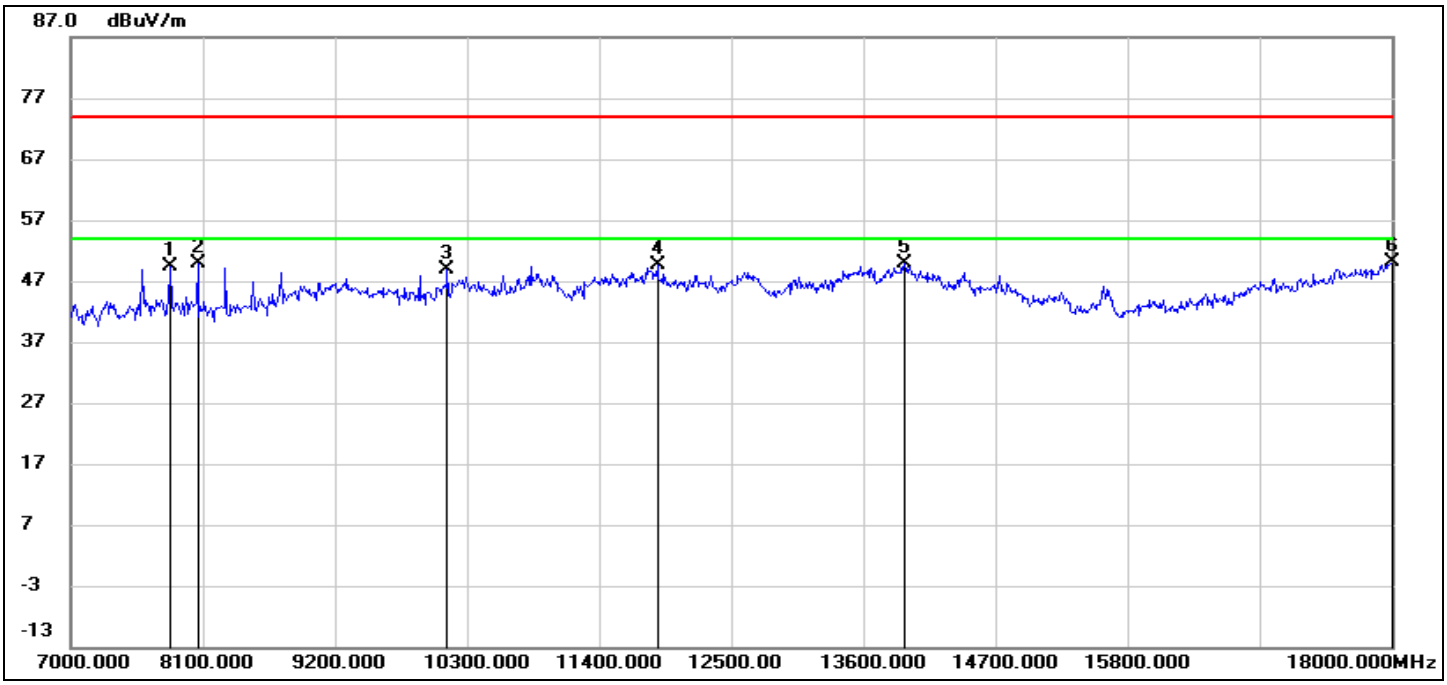
Test Mode:	802.11ac VHT80	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.88	6.58	49.46	74.00	-24.54	peak
2	8056.000	43.30	6.48	49.78	74.00	-24.22	peak
3	10135.000	36.93	12.05	48.98	74.00	-25.02	peak
4	11884.000	32.18	17.48	49.66	74.00	-24.34	peak
5	13941.000	28.05	21.73	49.78	74.00	-24.22	peak
6	18000.000	24.04	26.12	50.16	74.00	-23.84	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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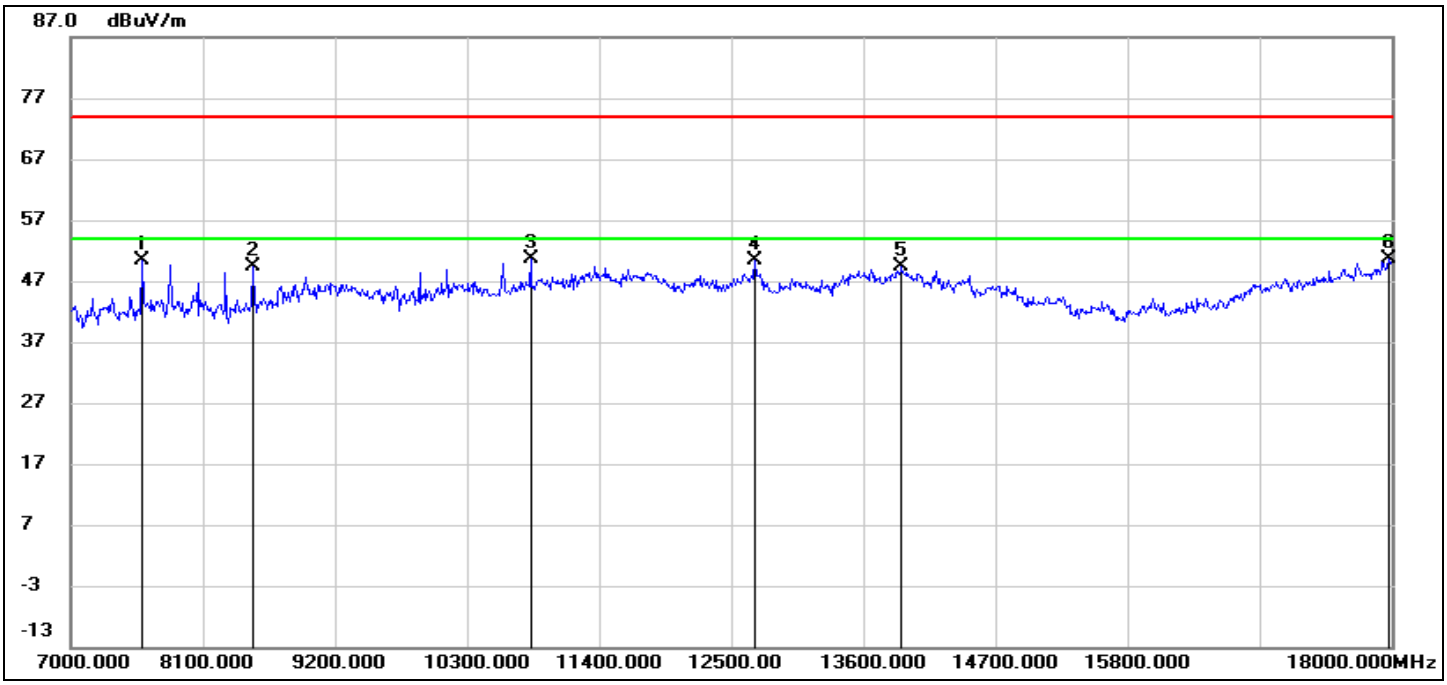
Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.49	6.79	50.28	74.00	-23.72	peak
2	8518.000	42.44	7.01	49.45	74.00	-24.55	peak
3	10828.000	36.58	14.07	50.65	74.00	-23.35	peak
4	12698.000	32.31	18.08	50.39	74.00	-23.61	peak
5	13919.000	27.81	21.68	49.49	74.00	-24.51	peak
6	17978.000	24.59	25.97	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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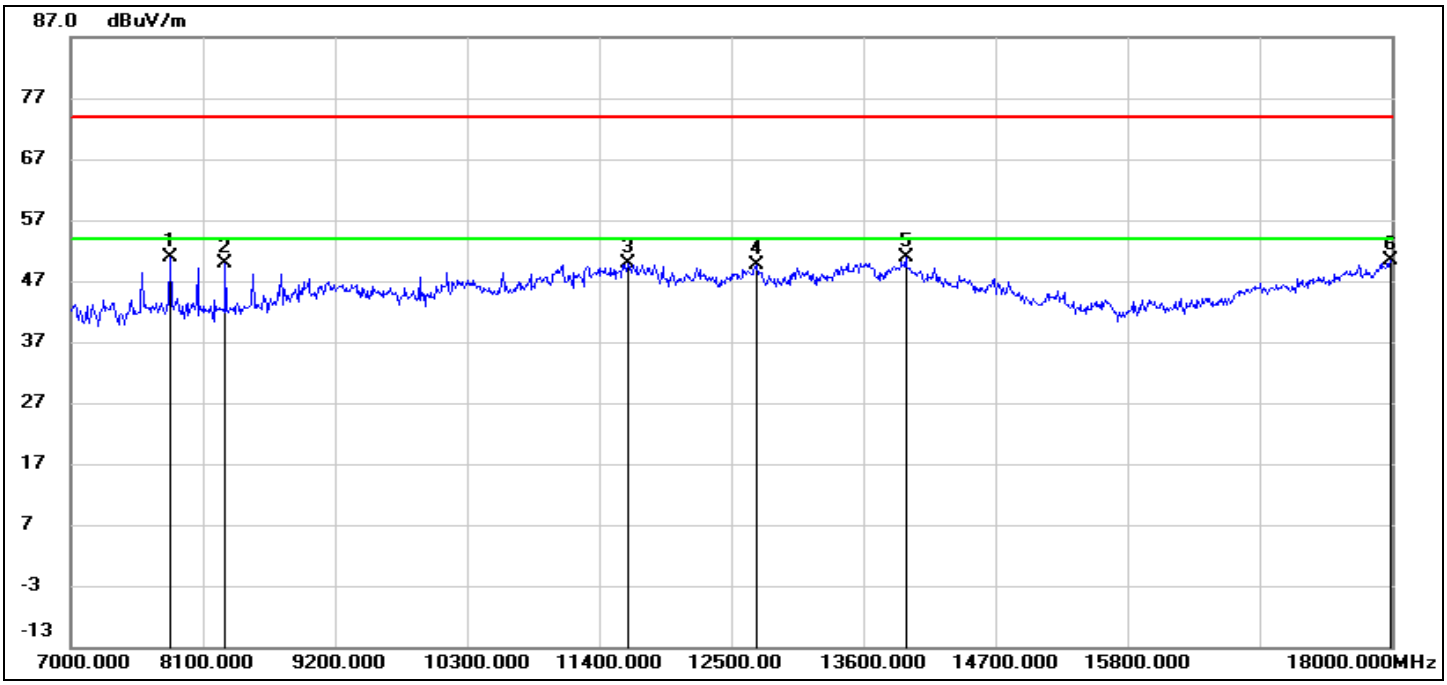
Test Mode:	802.11ac VHT80	Channel:	5775
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.32	6.58	50.90	74.00	-23.10	peak
2	8287.000	43.30	6.70	50.00	74.00	-24.00	peak
3	11642.000	32.76	17.03	49.79	74.00	-24.21	peak
4	12709.000	31.46	18.09	49.55	74.00	-24.45	peak
5	13952.000	29.08	21.76	50.84	74.00	-23.16	peak
6	17989.000	24.30	26.04	50.34	74.00	-23.66	peak

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

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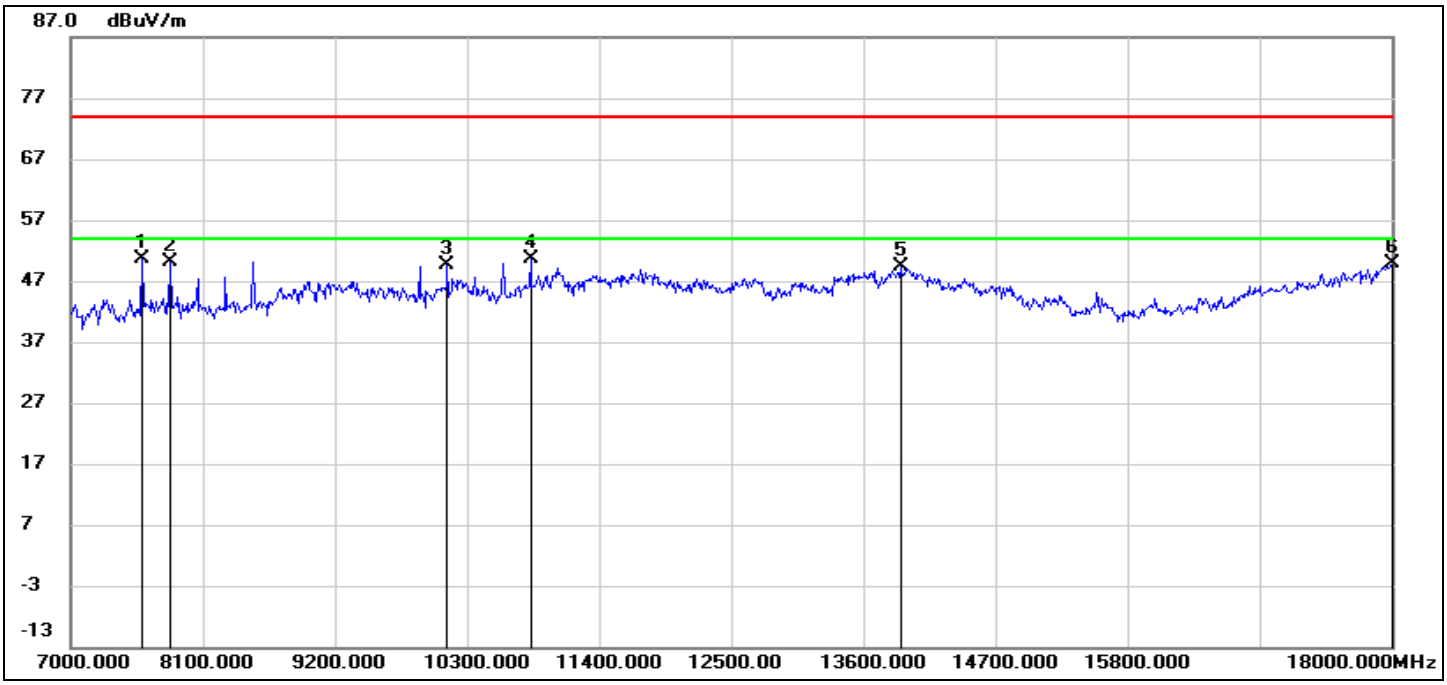
Test Mode:	802.11ax HE20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.75	6.79	50.54	74.00	-23.46	peak
2	7825.000	43.55	6.58	50.13	74.00	-23.87	peak
3	10135.000	37.50	12.05	49.55	74.00	-24.45	peak
4	10828.000	36.47	14.07	50.54	74.00	-23.46	peak
5	13908.000	27.65	21.66	49.31	74.00	-24.69	peak
6	18000.000	23.81	26.12	49.93	74.00	-24.07	peak

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

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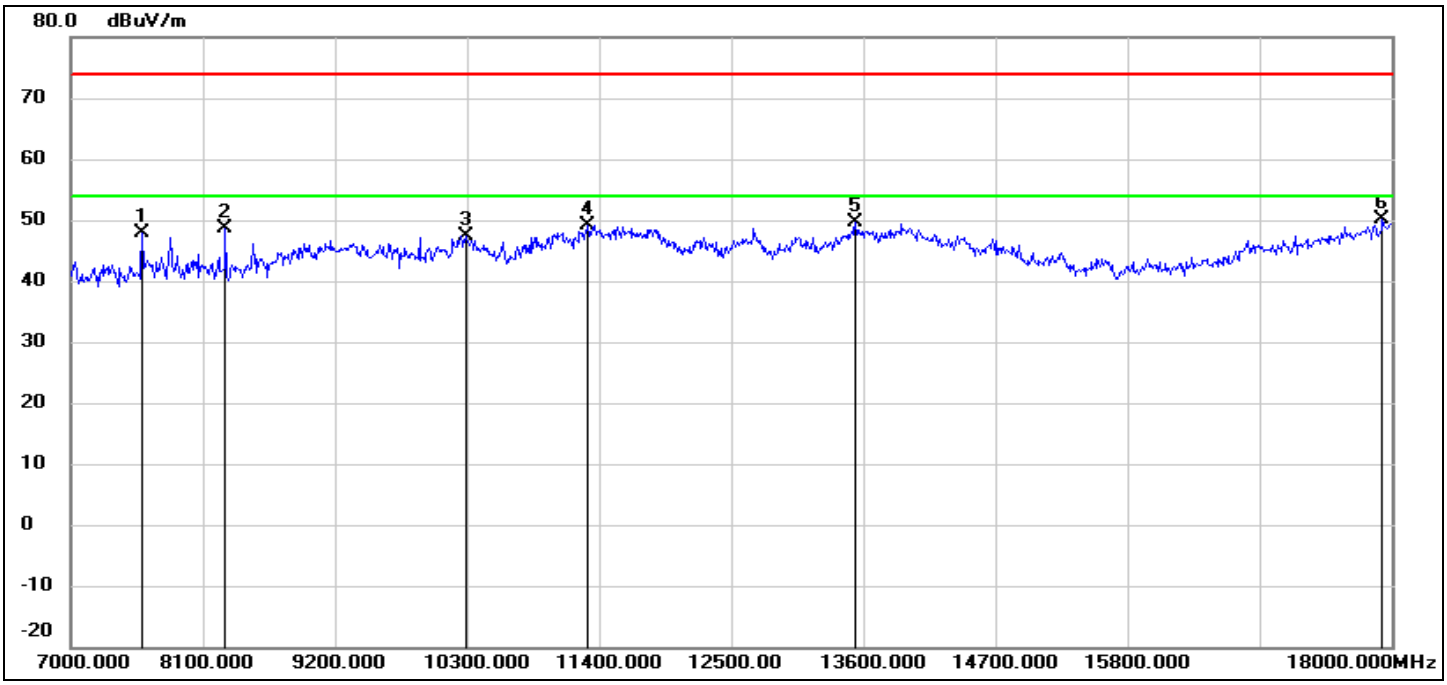
Test Mode:	802.11ax HE20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.05	6.79	47.84	74.00	-26.16	peak
2	8287.000	41.96	6.70	48.66	74.00	-25.34	peak
3	10289.000	35.09	12.38	47.47	74.00	-26.53	peak
4	11301.000	33.25	15.95	49.20	74.00	-24.80	peak
5	13534.000	28.79	20.73	49.52	74.00	-24.48	peak
6	17923.000	24.45	25.60	50.05	74.00	-23.95	peak

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

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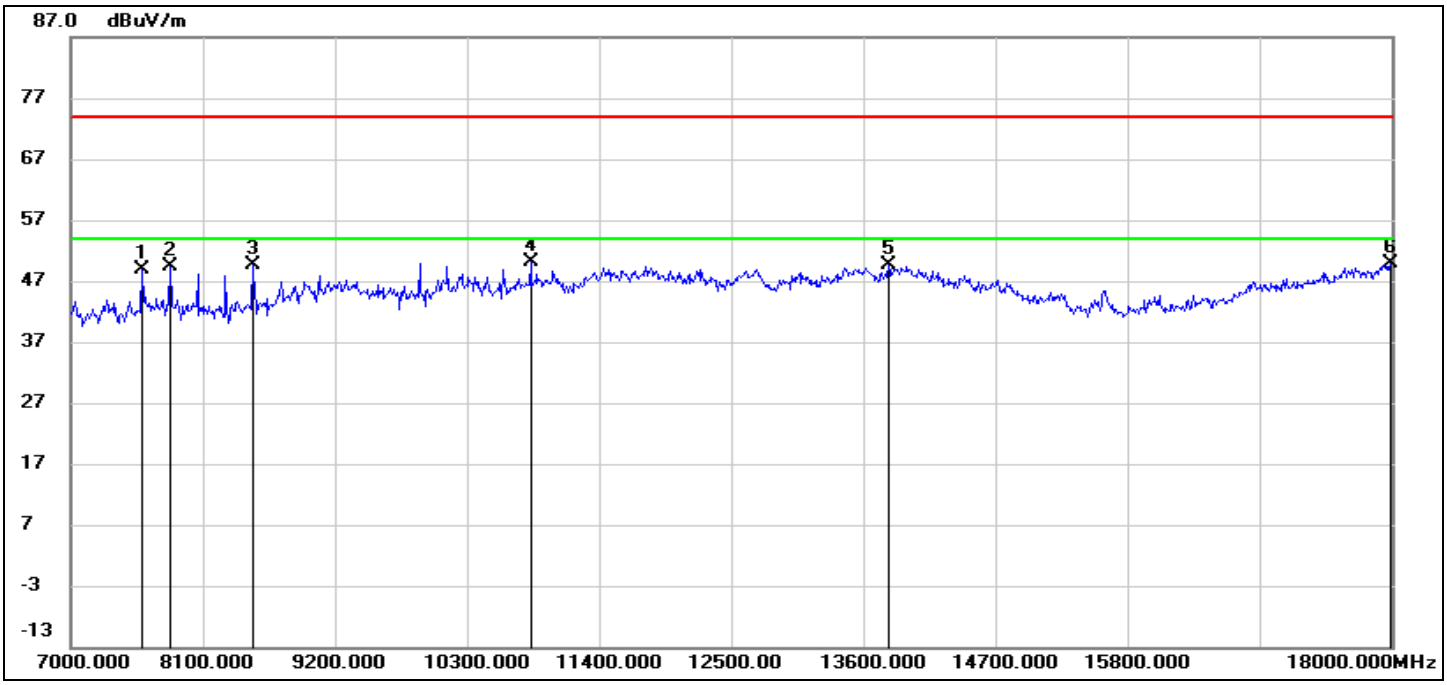
Test Mode:	802.11ax HE20	Channel:	5200
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.12	6.79	48.91	74.00	-25.09	peak
2	7825.000	42.83	6.58	49.41	74.00	-24.59	peak
3	8518.000	42.62	7.01	49.63	74.00	-24.37	peak
4	10828.000	36.03	14.07	50.10	74.00	-23.90	peak
5	13809.000	28.20	21.41	49.61	74.00	-24.39	peak
6	17989.000	23.76	26.04	49.80	74.00	-24.20	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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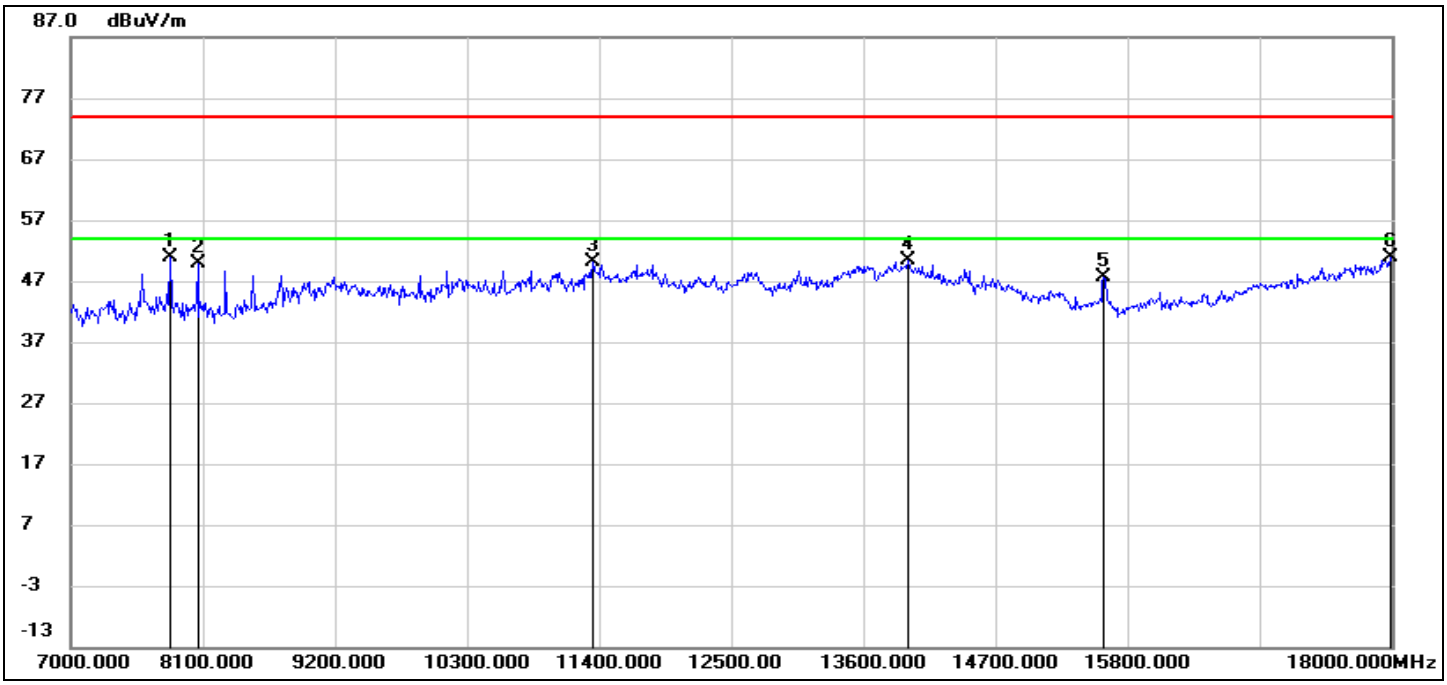
Test Mode:	802.11ax HE20	Channel:	5200
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.39	6.58	50.97	74.00	-23.03	peak
2	8056.000	43.30	6.48	49.78	74.00	-24.22	peak
3	11345.000	33.89	16.14	50.03	74.00	-23.97	peak
4	13974.000	28.46	21.82	50.28	74.00	-23.72	peak
5	15602.000	30.77	16.75	47.52	74.00	-26.48	peak
6	17989.000	24.77	26.04	50.81	74.00	-23.19	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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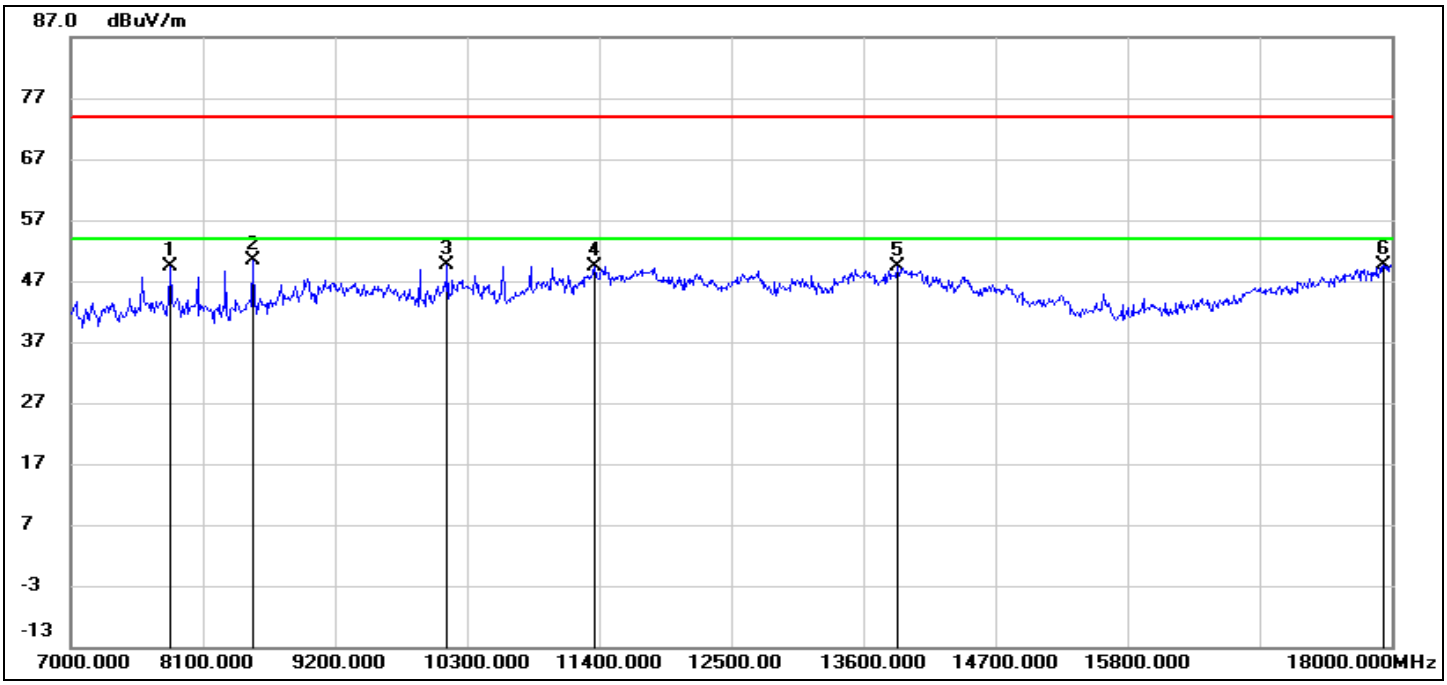
Test Mode:	802.11ax HE20	Channel:	5240
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.79	6.58	49.37	74.00	-24.63	peak
2	8518.000	43.45	7.01	50.46	74.00	-23.54	peak
3	10135.000	37.58	12.05	49.63	74.00	-24.37	peak
4	11356.000	33.26	16.19	49.45	74.00	-24.55	peak
5	13886.000	27.67	21.60	49.27	74.00	-24.73	peak
6	17934.000	23.95	25.67	49.62	74.00	-24.38	peak

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

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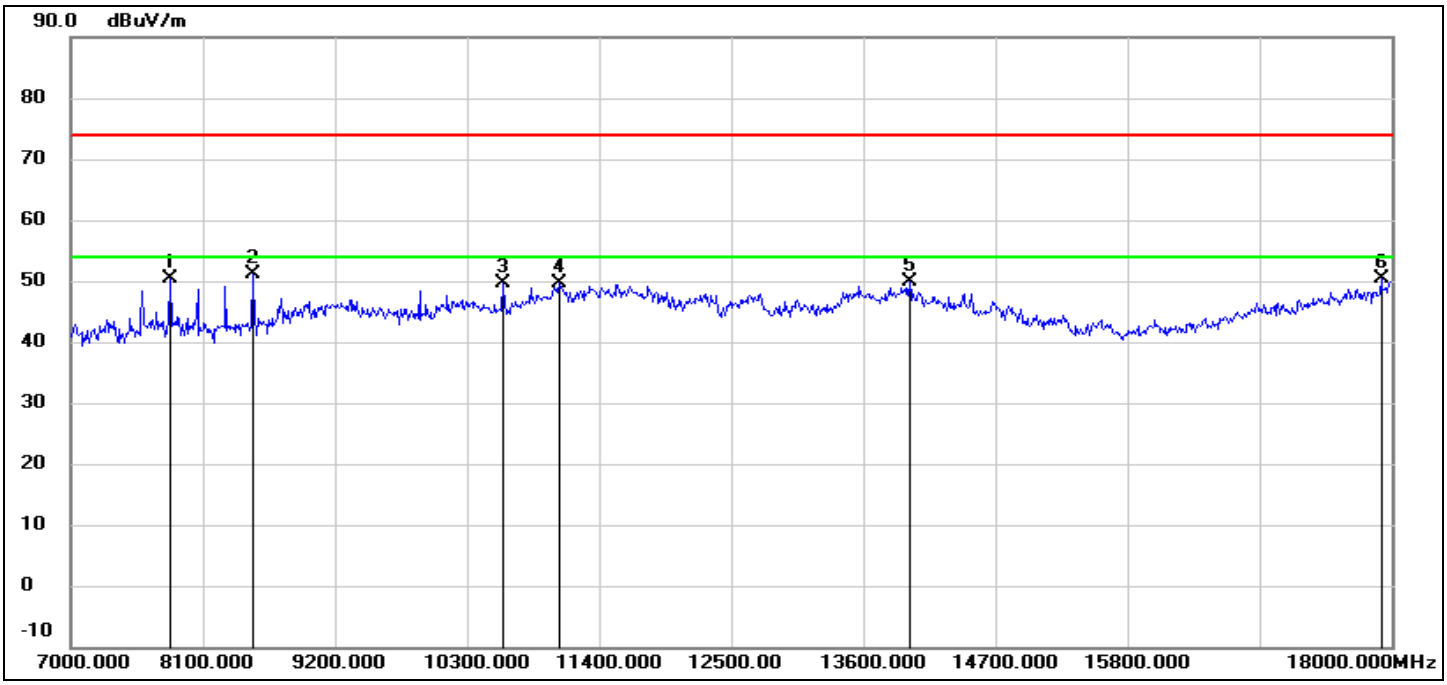
Test Mode:	802.11ax HE20	Channel:	5240
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	43.79	6.58	50.37	74.00	-23.63	peak
2	8518.000	44.05	7.01	51.06	74.00	-22.94	peak
3	10597.000	36.47	13.19	49.66	74.00	-24.34	peak
4	11070.000	34.62	15.01	49.63	74.00	-24.37	peak
5	13985.000	28.11	21.85	49.96	74.00	-24.04	peak
6	17912.000	24.83	25.52	50.35	74.00	-23.65	peak

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

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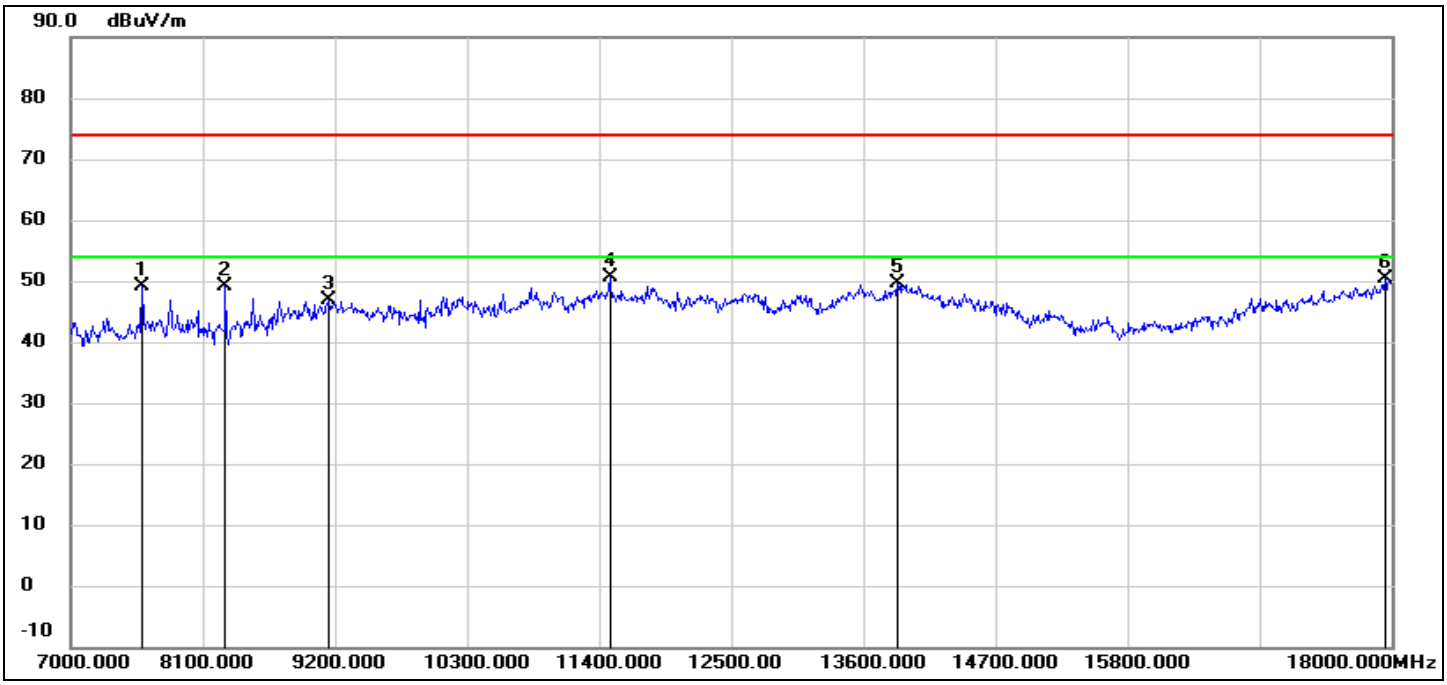
Test Mode:	802.11ax HE20	Channel:	5745
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.30	6.79	49.09	74.00	-24.91	peak
2	8287.000	42.38	6.70	49.08	74.00	-24.92	peak
3	9145.000	36.43	10.43	46.86	74.00	-27.14	peak
4	11488.000	33.80	16.72	50.52	74.00	-23.48	peak
5	13886.000	28.07	21.60	49.67	74.00	-24.33	peak
6	17945.000	24.51	25.75	50.26	74.00	-23.74	peak

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

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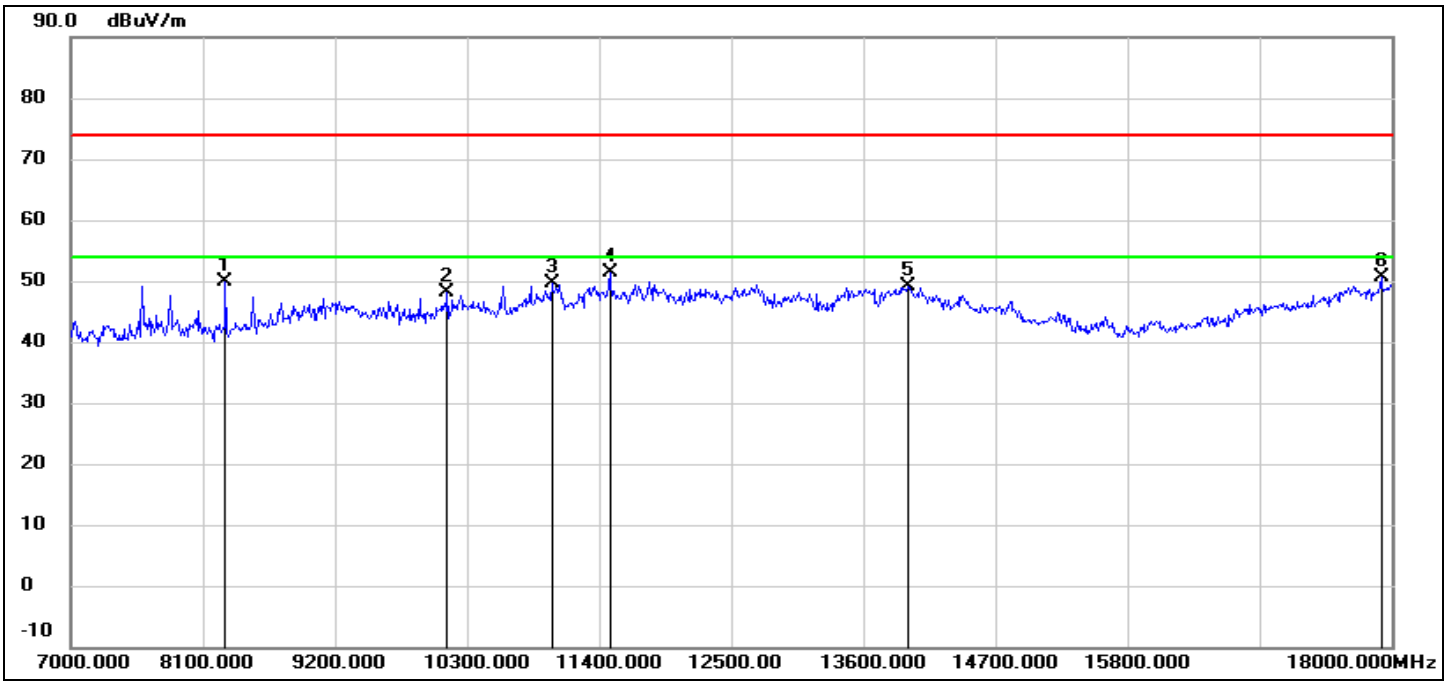
Test Mode:	802.11ax HE20	Channel:	5745
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8287.000	43.27	6.70	49.97	74.00	-24.03	peak
2	10135.000	35.96	12.05	48.01	74.00	-25.99	peak
3	11004.000	34.84	14.74	49.58	74.00	-24.42	peak
4	11488.000	34.62	16.72	51.34	74.00	-22.66	peak
5	13974.000	27.26	21.82	49.08	74.00	-24.92	peak
6	17912.000	25.19	25.52	50.71	74.00	-23.29	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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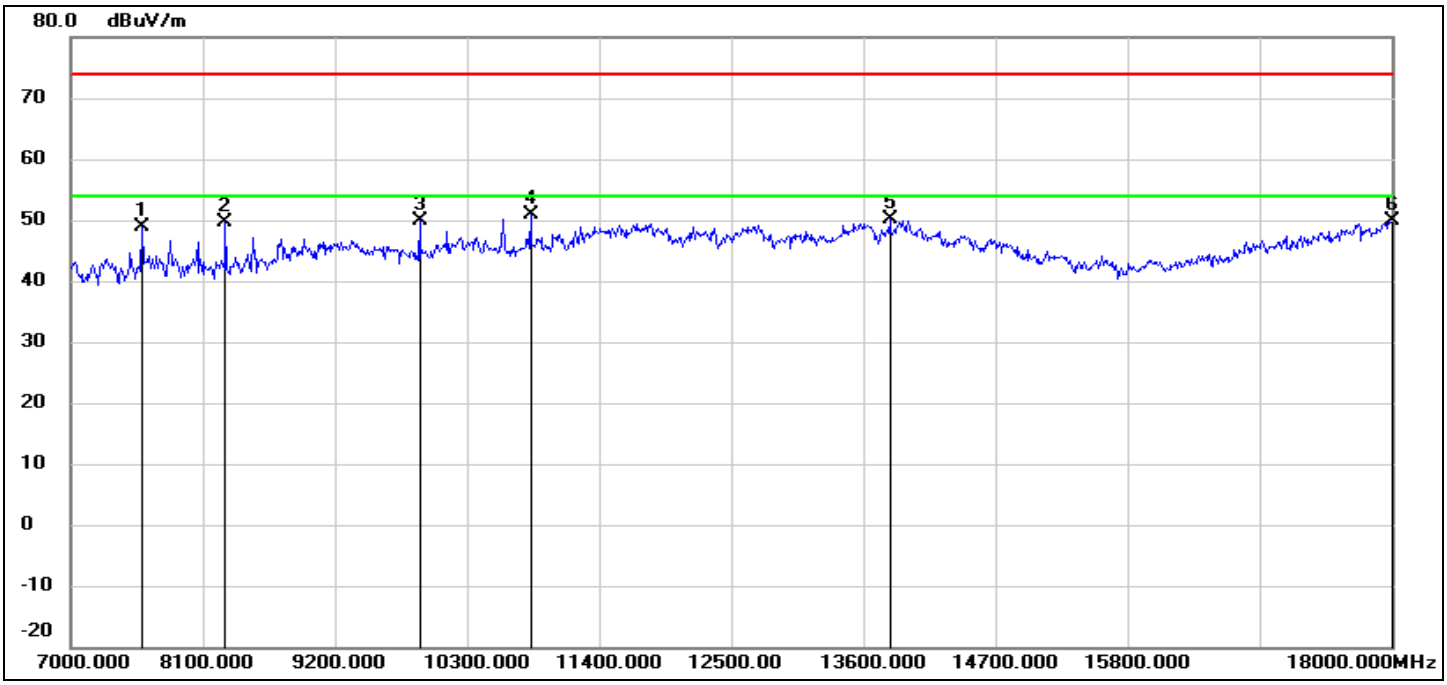
Test Mode:	802.11ax HE20	Channel:	5785
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.00	6.79	48.79	74.00	-25.21	peak
2	8287.000	42.83	6.70	49.53	74.00	-24.47	peak
3	9904.000	38.29	11.55	49.84	74.00	-24.16	peak
4	10828.000	36.70	14.07	50.77	74.00	-23.23	peak
5	13820.000	28.59	21.43	50.02	74.00	-23.98	peak
6	18000.000	23.78	26.12	49.90	74.00	-24.10	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. AVG: VBW=1/Ton, where: Ton is the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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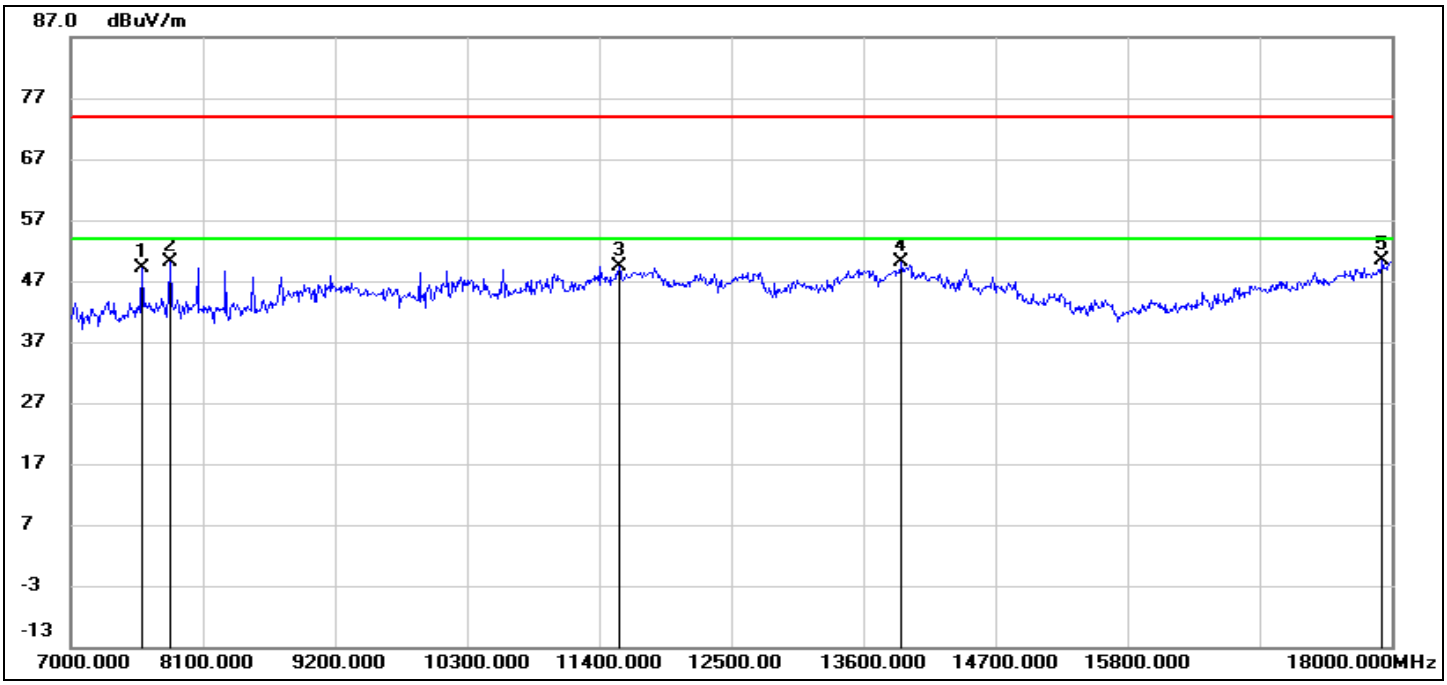
Test Mode:	802.11ax HE20	Channel:	5785
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	42.25	6.79	49.04	74.00	-24.96	peak
2	7825.000	43.65	6.58	50.23	74.00	-23.77	peak
3	11565.000	32.44	16.89	49.33	74.00	-24.67	peak
4	13919.000	28.40	21.68	50.08	74.00	-23.92	peak
5	17923.000	24.78	25.60	50.38	74.00	-23.62	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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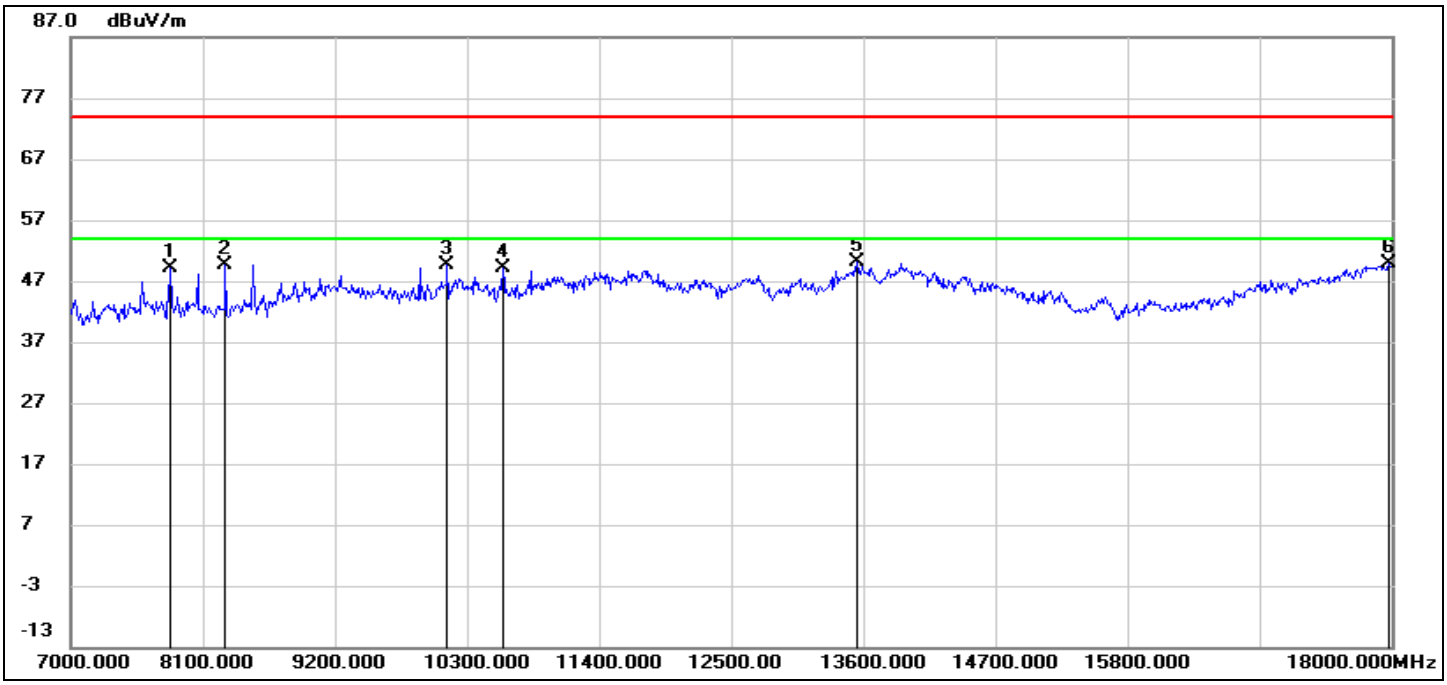
Test Mode:	802.11ax HE20	Channel:	5825
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	42.51	6.58	49.09	74.00	-24.91	peak
2	8287.000	42.88	6.70	49.58	74.00	-24.42	peak
3	10135.000	37.47	12.05	49.52	74.00	-24.48	peak
4	10597.000	35.97	13.19	49.16	74.00	-24.84	peak
5	13545.000	29.32	20.75	50.07	74.00	-23.93	peak
6	17978.000	23.86	25.97	49.83	74.00	-24.17	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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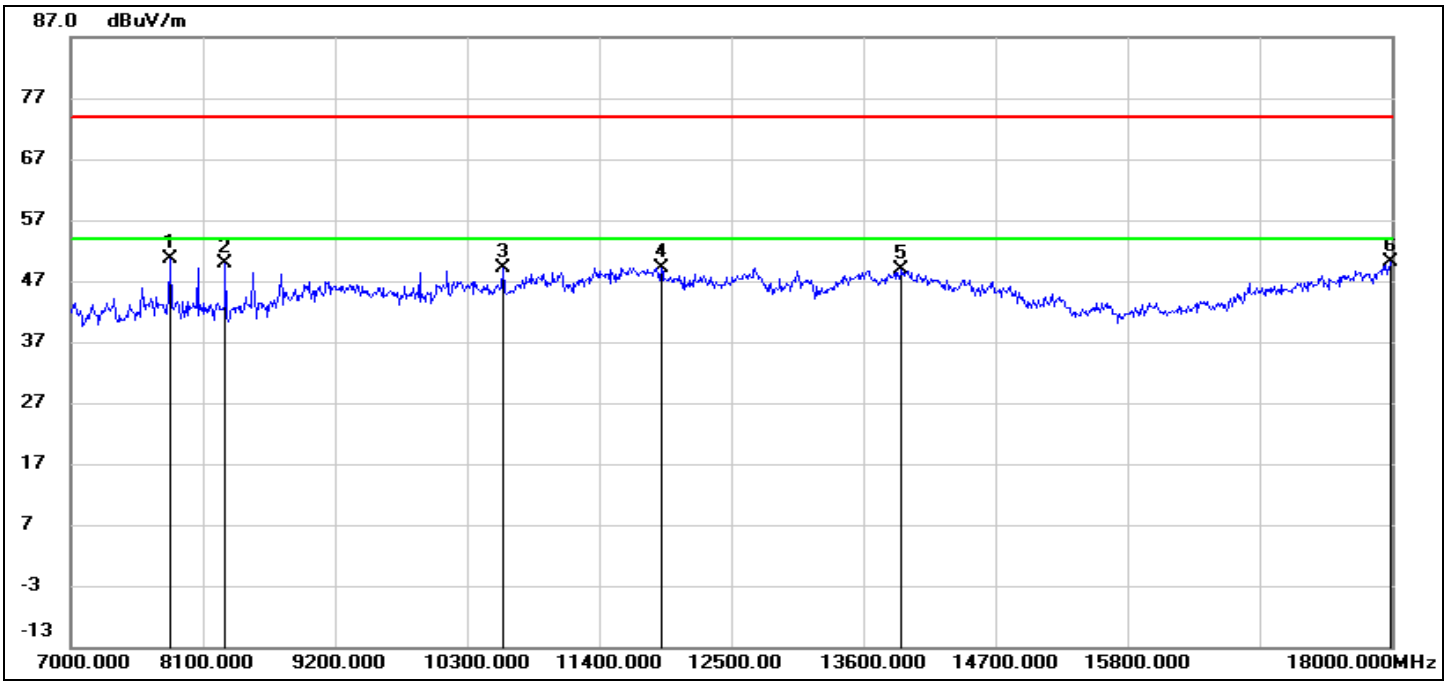
Test Mode:	802.11ax HE20	Channel:	5825
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.16	6.58	50.74	74.00	-23.26	peak
2	8287.000	43.10	6.70	49.80	74.00	-24.20	peak
3	10597.000	36.03	13.19	49.22	74.00	-24.78	peak
4	11917.000	31.61	17.54	49.15	74.00	-24.85	peak
5	13919.000	27.16	21.68	48.84	74.00	-25.16	peak
6	17989.000	24.13	26.04	50.17	74.00	-23.83	peak

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

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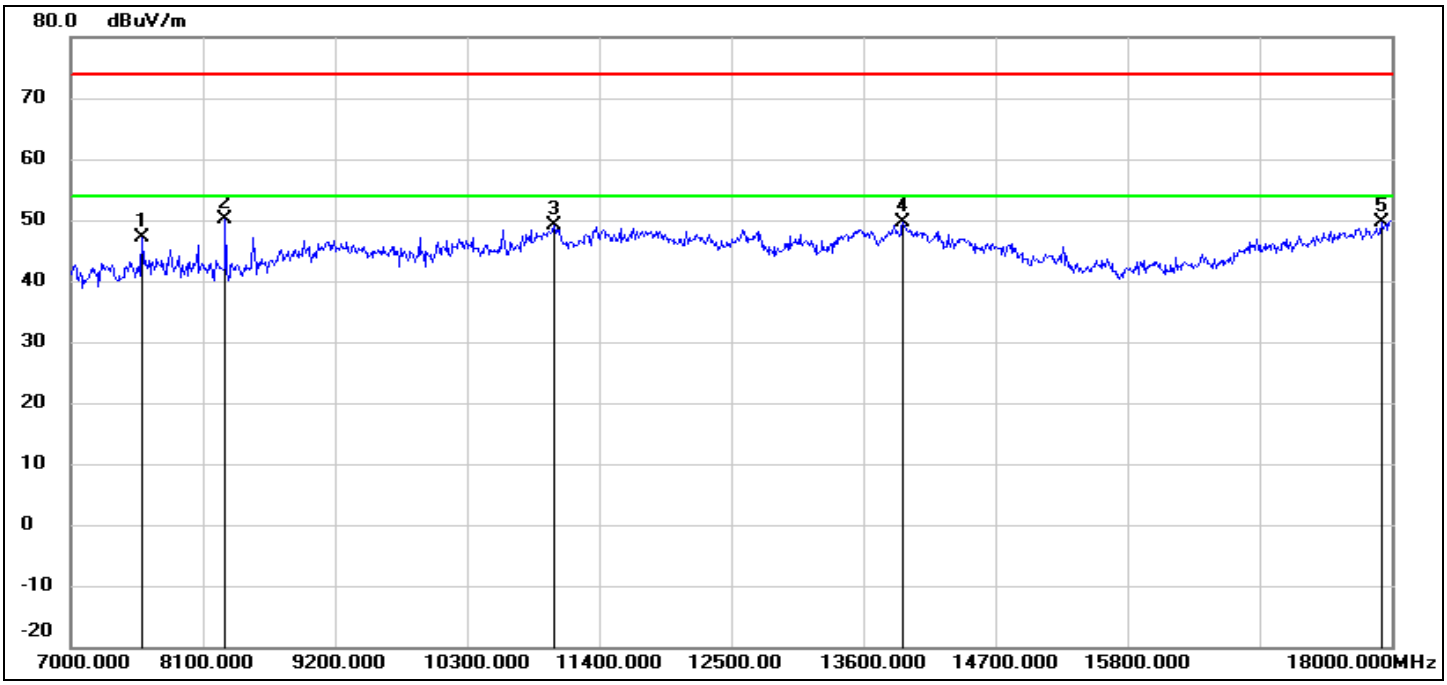
Test Mode:	802.11ax HE40	Channel:	5190
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	40.44	6.79	47.23	74.00	-26.77	peak
2	8287.000	43.41	6.70	50.11	74.00	-23.89	peak
3	11026.000	34.33	14.82	49.15	74.00	-24.85	peak
4	13930.000	27.82	21.71	49.53	74.00	-24.47	peak
5	17912.000	24.09	25.52	49.61	74.00	-24.39	peak

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

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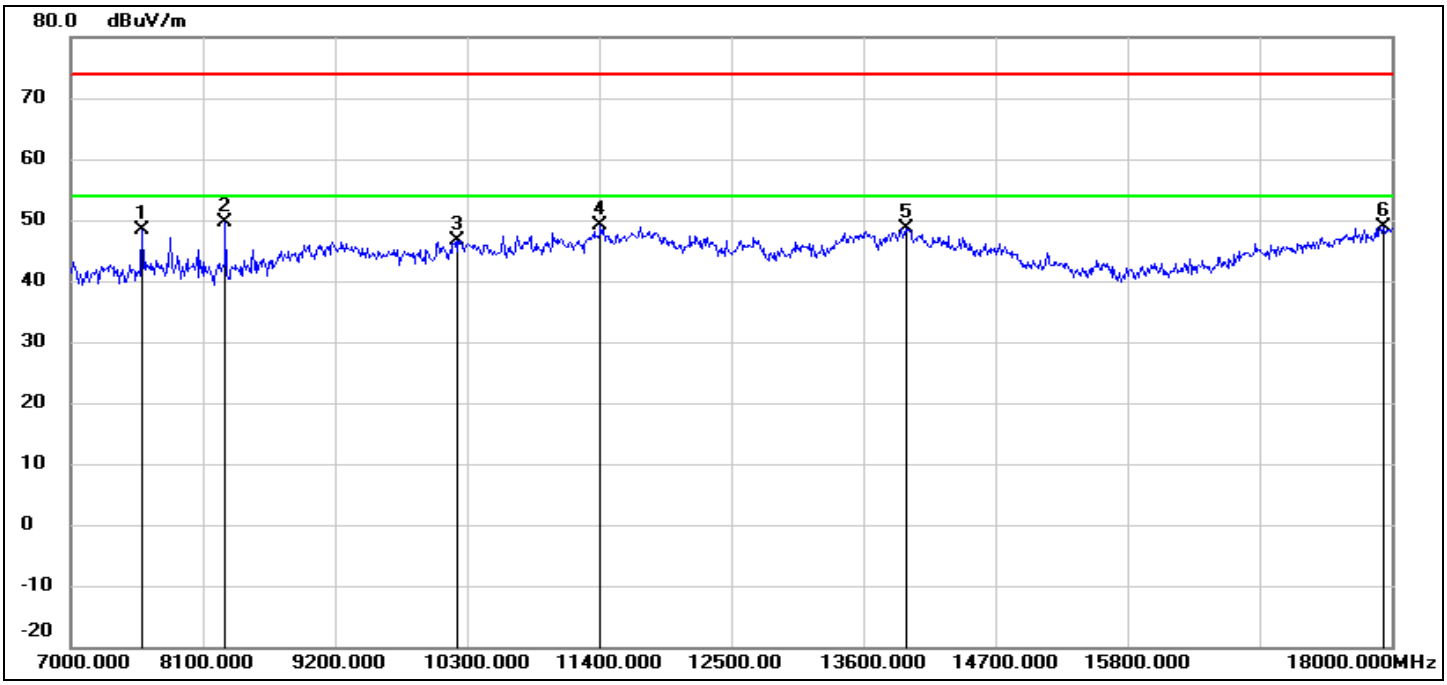
Test Mode:	802.11ax HE40	Channel:	5190
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.58	6.79	48.37	74.00	-25.63	peak
2	8287.000	42.86	6.70	49.56	74.00	-24.44	peak
3	10223.000	34.39	12.24	46.63	74.00	-27.37	peak
4	11411.000	32.68	16.41	49.09	74.00	-24.91	peak
5	13952.000	26.89	21.76	48.65	74.00	-25.35	peak
6	17934.000	23.24	25.67	48.91	74.00	-25.09	peak

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

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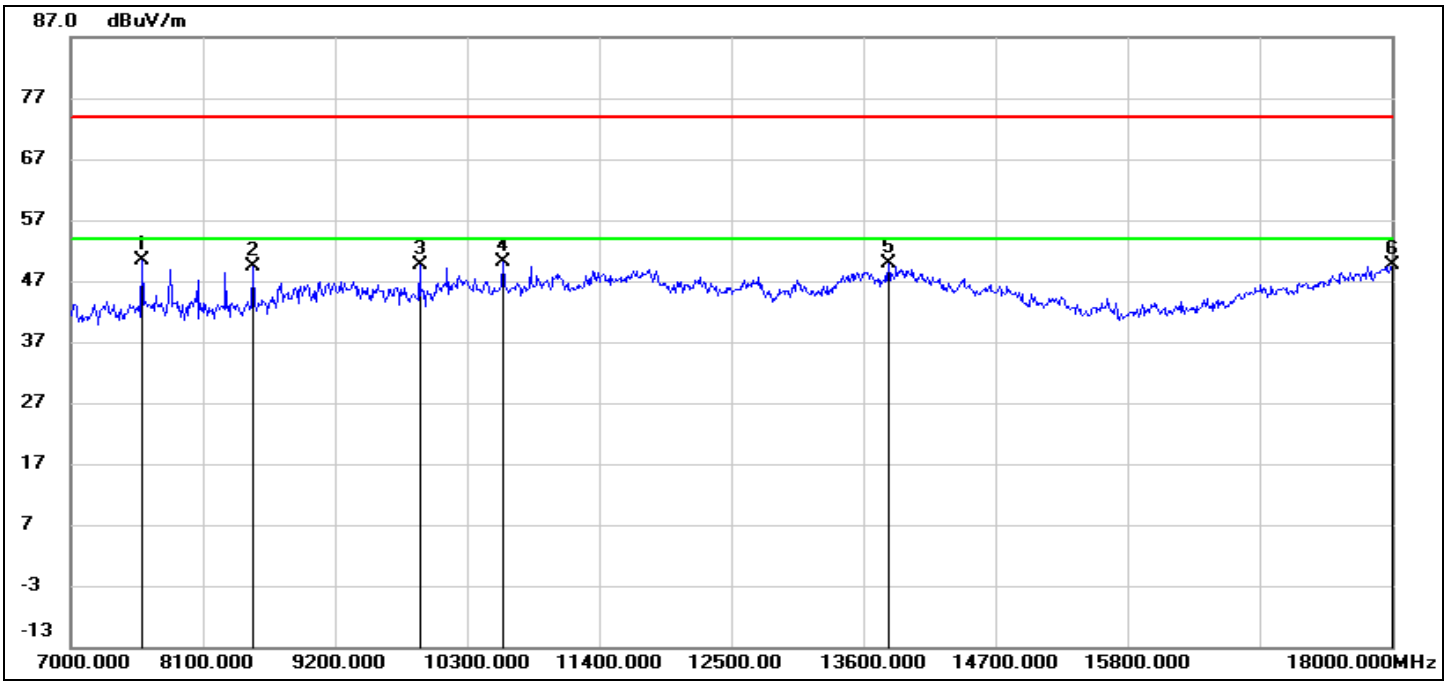
Test Mode:	802.11ax HE40	Channel:	5230
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.65	6.79	50.44	74.00	-23.56	peak
2	8518.000	42.32	7.01	49.33	74.00	-24.67	peak
3	9904.000	38.18	11.55	49.73	74.00	-24.27	peak
4	10597.000	37.05	13.19	50.24	74.00	-23.76	peak
5	13809.000	28.37	21.41	49.78	74.00	-24.22	peak
6	18000.000	23.60	26.12	49.72	74.00	-24.28	peak

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

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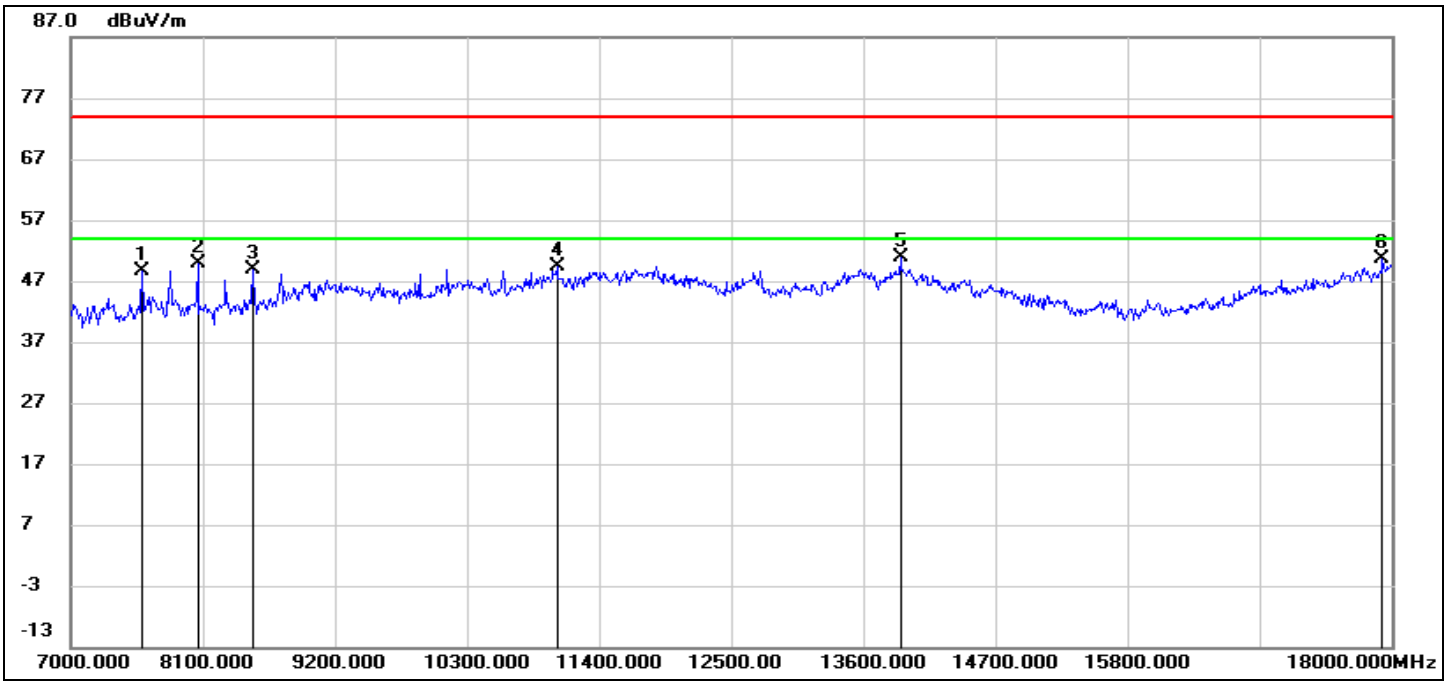
Test Mode:	802.11ax HE40	Channel:	5230
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.84	6.79	48.63	74.00	-25.37	peak
2	8056.000	43.42	6.48	49.90	74.00	-24.10	peak
3	8518.000	41.76	7.01	48.77	74.00	-25.23	peak
4	11048.000	34.43	14.91	49.34	74.00	-24.66	peak
5	13908.000	29.12	21.66	50.78	74.00	-23.22	peak
6	17923.000	25.06	25.60	50.66	74.00	-23.34	peak

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

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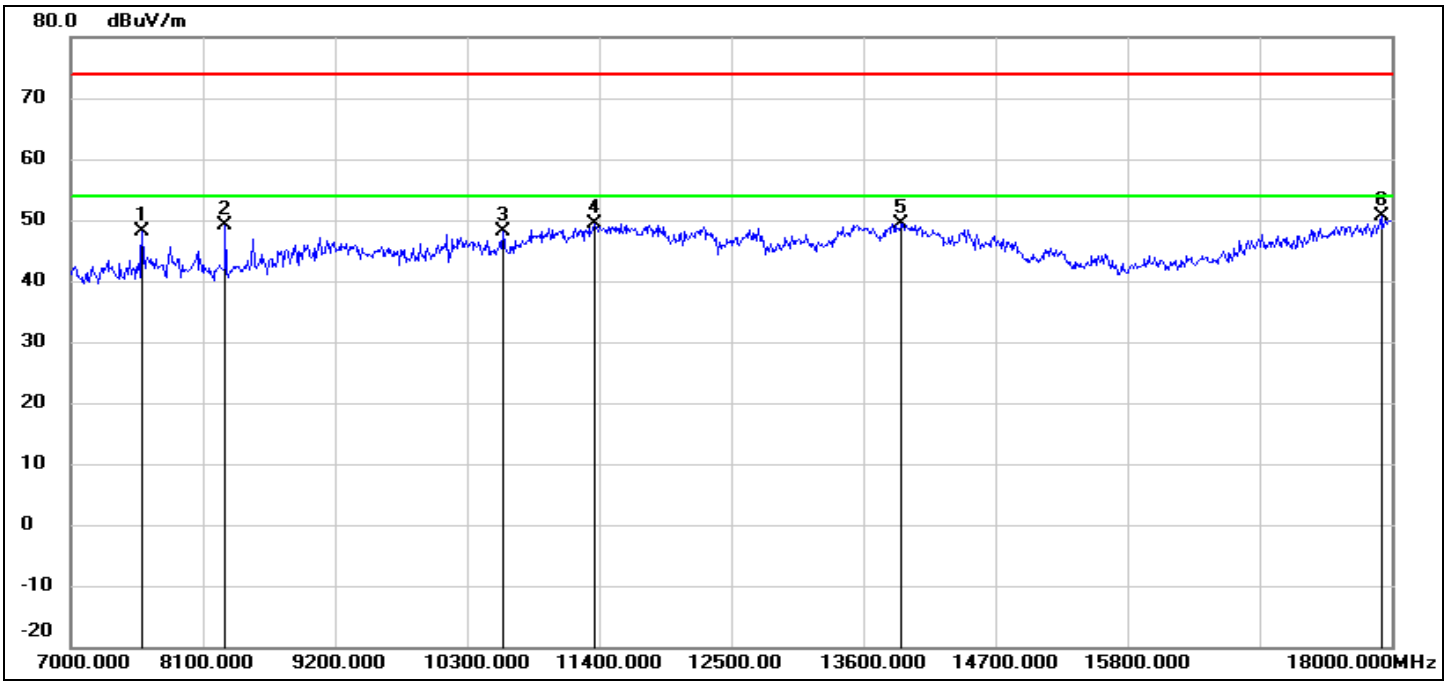
Test Mode:	802.11ax HE40	Channel:	5755
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	41.36	6.79	48.15	74.00	-25.85	peak
2	8287.000	42.40	6.70	49.10	74.00	-24.90	peak
3	10597.000	34.98	13.19	48.17	74.00	-25.83	peak
4	11356.000	33.11	16.19	49.30	74.00	-24.70	peak
5	13919.000	27.79	21.68	49.47	74.00	-24.53	peak
6	17912.000	25.23	25.52	50.75	74.00	-23.25	peak

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

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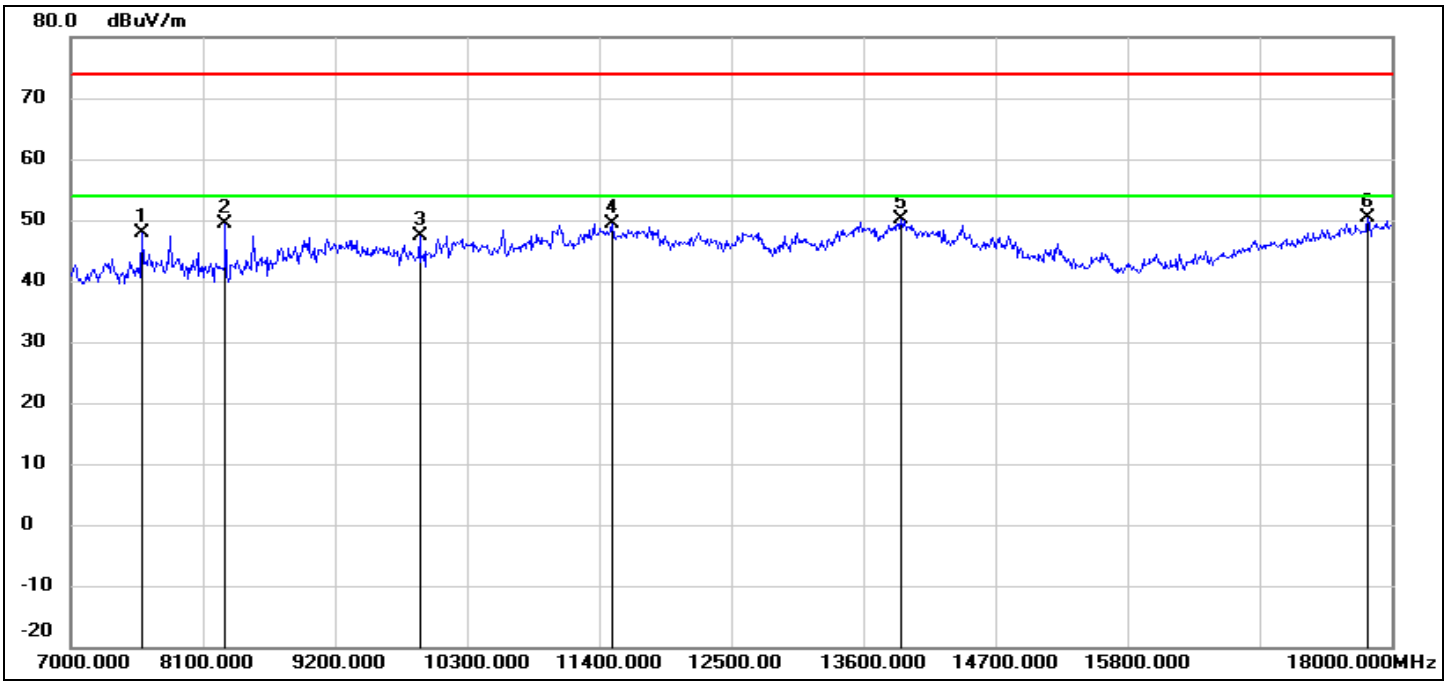
Test Mode:	802.11ax HE40	Channel:	5755
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	40.98	6.79	47.77	74.00	-26.23	peak
2	8287.000	42.60	6.70	49.30	74.00	-24.70	peak
3	9904.000	35.88	11.55	47.43	74.00	-26.57	peak
4	11510.000	32.56	16.79	49.35	74.00	-24.65	peak
5	13908.000	28.55	21.66	50.21	74.00	-23.79	peak
6	17802.000	25.71	24.76	50.47	74.00	-23.53	peak

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

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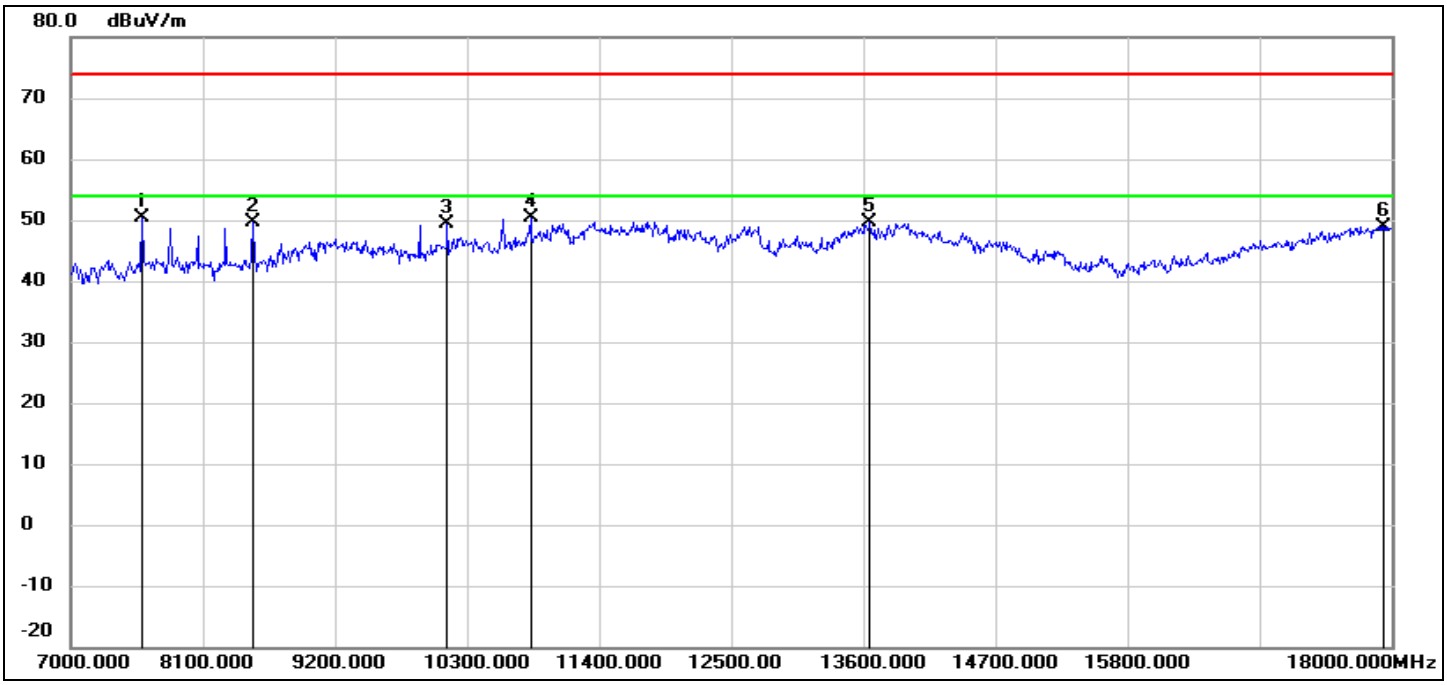
Test Mode:	802.11ax HE40	Channel:	5795
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	43.70	6.79	50.49	74.00	-23.51	peak
2	8518.000	42.73	7.01	49.74	74.00	-24.26	peak
3	10135.000	37.30	12.05	49.35	74.00	-24.65	peak
4	10828.000	36.30	14.07	50.37	74.00	-23.63	peak
5	13655.000	28.66	21.03	49.69	74.00	-24.31	peak
6	17934.000	23.31	25.67	48.98	74.00	-25.02	peak

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

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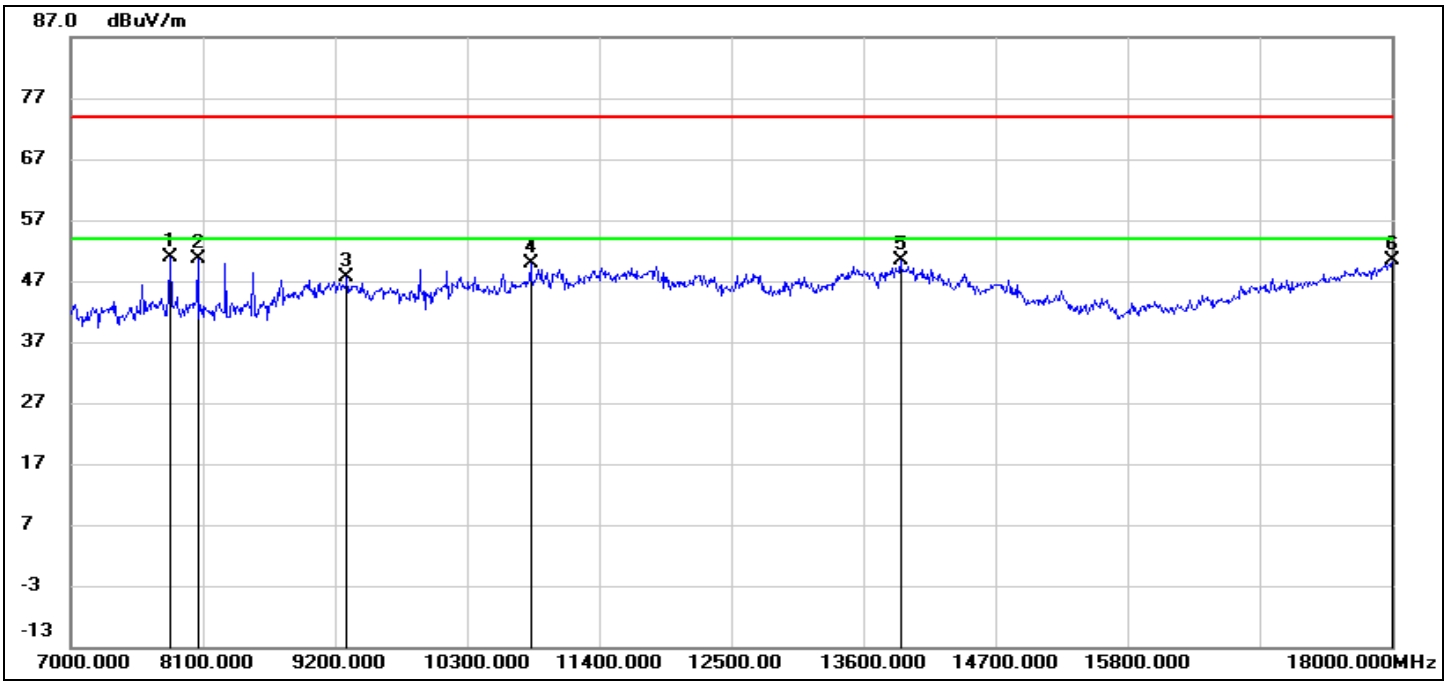
Test Mode:	802.11ax HE40	Channel:	5795
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.38	6.58	50.96	74.00	-23.04	peak
2	8056.000	44.12	6.48	50.60	74.00	-23.40	peak
3	9299.000	37.01	10.53	47.54	74.00	-26.46	peak
4	10828.000	35.77	14.07	49.84	74.00	-24.16	peak
5	13908.000	28.67	21.66	50.33	74.00	-23.67	peak
6	18000.000	24.31	26.12	50.43	74.00	-23.57	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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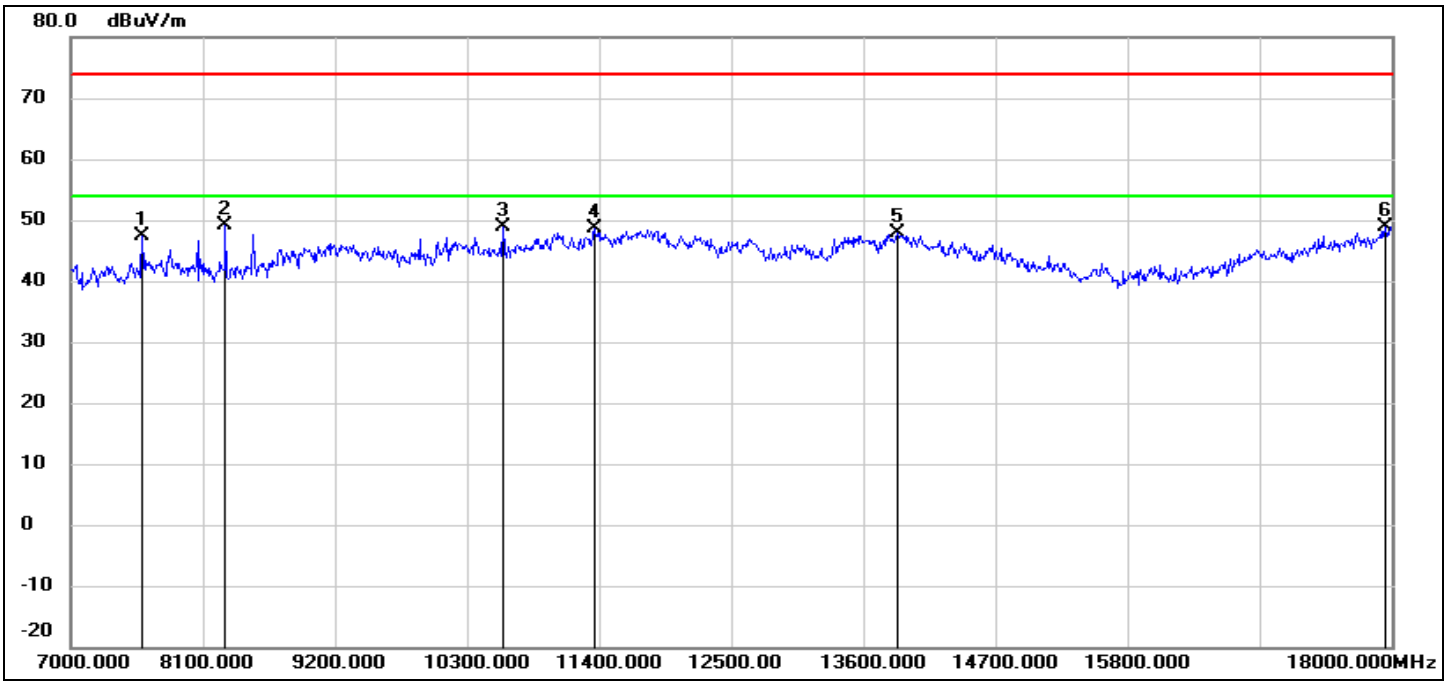
Test Mode:	802.11ax HE80	Channel:	5210
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	40.51	6.79	47.30	74.00	-26.70	peak
2	8287.000	42.55	6.70	49.25	74.00	-24.75	peak
3	10597.000	35.60	13.19	48.79	74.00	-25.21	peak
4	11356.000	32.32	16.19	48.51	74.00	-25.49	peak
5	13886.000	26.17	21.60	47.77	74.00	-26.23	peak
6	17945.000	23.13	25.75	48.88	74.00	-25.12	peak

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

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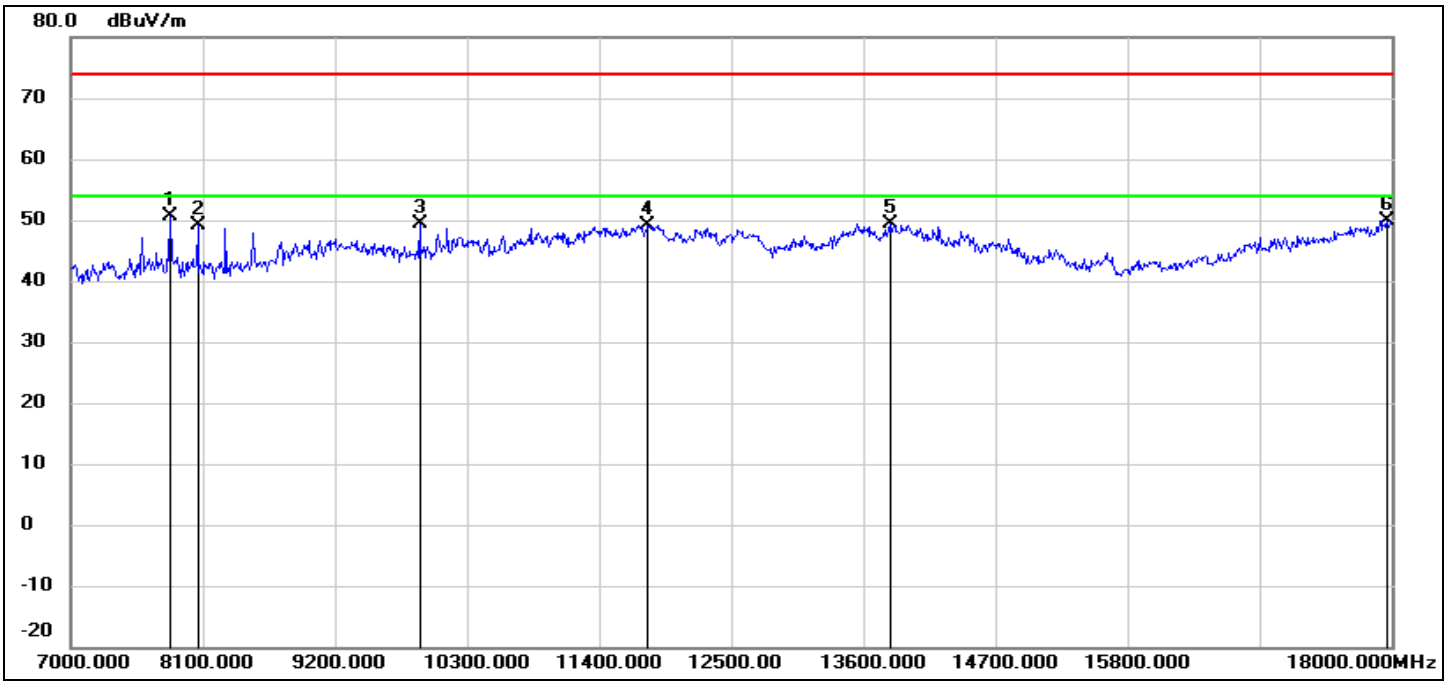
Test Mode:	802.11ax HE80	Channel:	5210
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.10	6.58	50.68	74.00	-23.32	peak
2	8056.000	42.61	6.48	49.09	74.00	-24.91	peak
3	9904.000	37.77	11.55	49.32	74.00	-24.68	peak
4	11807.000	31.88	17.34	49.22	74.00	-24.78	peak
5	13820.000	27.85	21.43	49.28	74.00	-24.72	peak
6	17956.000	24.09	25.82	49.91	74.00	-24.09	peak

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

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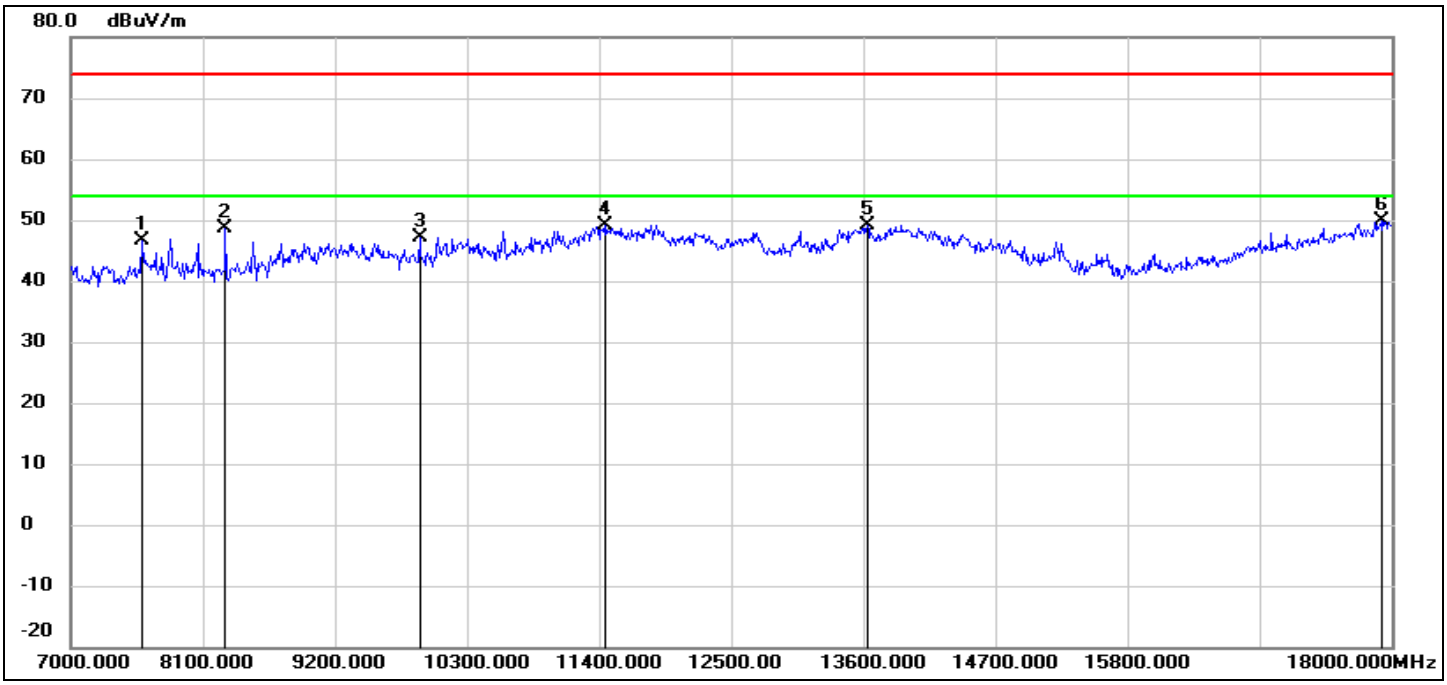
Test Mode:	802.11ax HE80	Channel:	5775
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7594.000	39.96	6.79	46.75	74.00	-27.25	peak
2	8287.000	41.82	6.70	48.52	74.00	-25.48	peak
3	9904.000	35.53	11.55	47.08	74.00	-26.92	peak
4	11455.000	32.44	16.58	49.02	74.00	-24.98	peak
5	13633.000	28.14	20.97	49.11	74.00	-24.89	peak
6	17912.000	24.27	25.52	49.79	74.00	-24.21	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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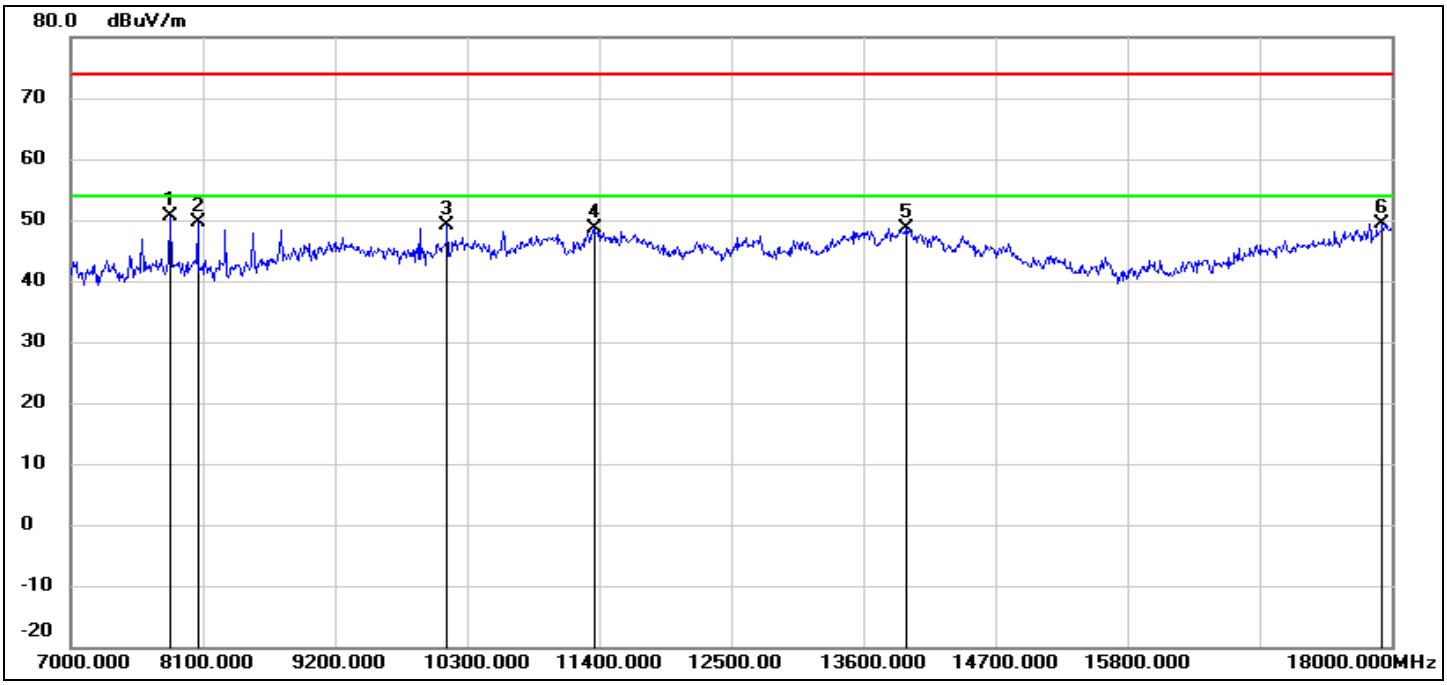
Test Mode:	802.11ax HE80	Channel:	5775
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7825.000	44.06	6.58	50.64	74.00	-23.36	peak
2	8056.000	43.19	6.48	49.67	74.00	-24.33	peak
3	10135.000	37.07	12.05	49.12	74.00	-24.88	peak
4	11356.000	32.42	16.19	48.61	74.00	-25.39	peak
5	13963.000	26.96	21.78	48.74	74.00	-25.26	peak
6	17923.000	23.83	25.60	49.43	74.00	-24.57	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 the transmitting duration.
5. For the transmitting duration, please refer to original report.
6. Filter losses were only considered in the spurious frequency bands and the authorized band was not corrected for High Pass Filter losses.
7. Proper operation of the transmitter prior to adding the filter to the measurement chain.
8. Owing to the highest peak level of unwanted emission out of the restricted bands complies with the lowest limit(54dBuV/m), so all the test point was deemed to comply with the limits list in the standard.

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

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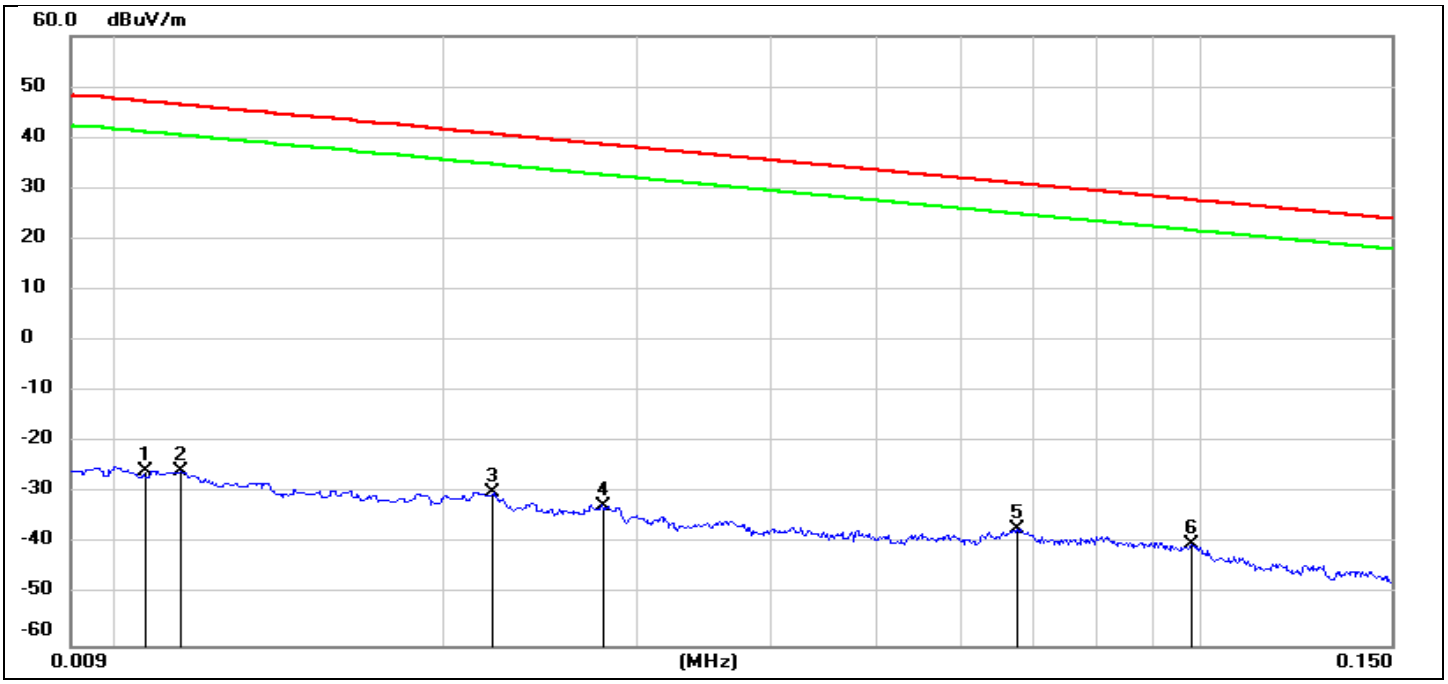
8.4. SPURIOUS EMISSIONS(9 KHZ~30 MHZ)

Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.0106	75.88	-101.39	-25.51	47.09	-77.01	-4.41	-72.60	peak
2	0.0114	75.88	-101.40	-25.52	46.46	-77.02	-5.04	-71.98	peak
3	0.0221	71.63	-101.35	-29.72	40.71	-81.22	-10.79	-70.43	peak
4	0.0280	68.79	-101.38	-32.59	38.66	-84.09	-12.84	-71.25	peak
5	0.0675	64.64	-101.56	-36.92	31.02	-88.42	-20.48	-67.94	peak
6	0.0981	61.77	-101.78	-40.01	27.77	-91.51	-23.73	-67.78	peak

Note:
1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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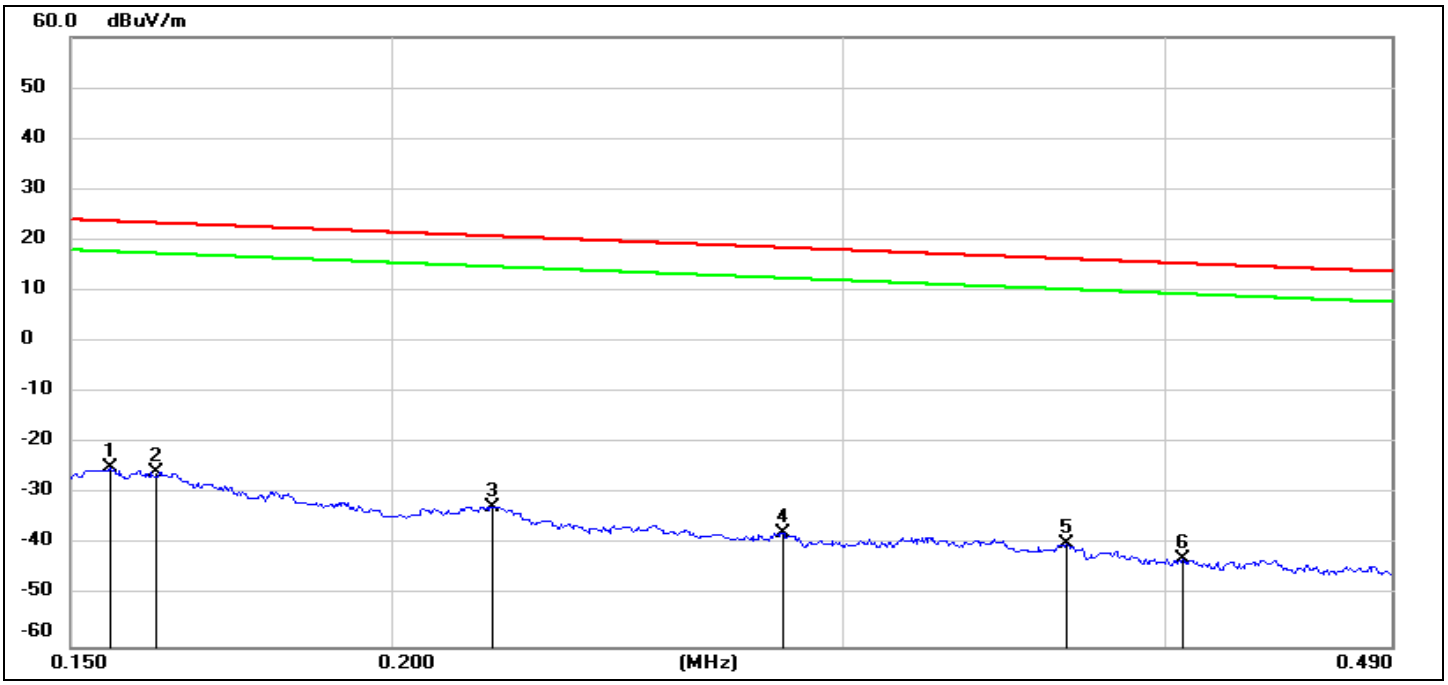
Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.1554	76.77	-101.65	-24.88	23.77	-76.38	-27.73	-48.65	peak
2	0.1621	75.92	-101.65	-25.73	23.41	-77.23	-28.09	-49.14	peak
3	0.2190	69.27	-101.75	-32.48	20.79	-83.98	-30.71	-53.27	peak
4	0.2837	64.22	-101.83	-37.61	18.54	-89.11	-32.96	-56.15	peak
5	0.3662	62.08	-101.93	-39.85	16.33	-91.35	-35.17	-56.18	peak
6	0.4062	59.14	-101.96	-42.82	15.43	-94.32	-36.07	-58.25	peak

Note:
1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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

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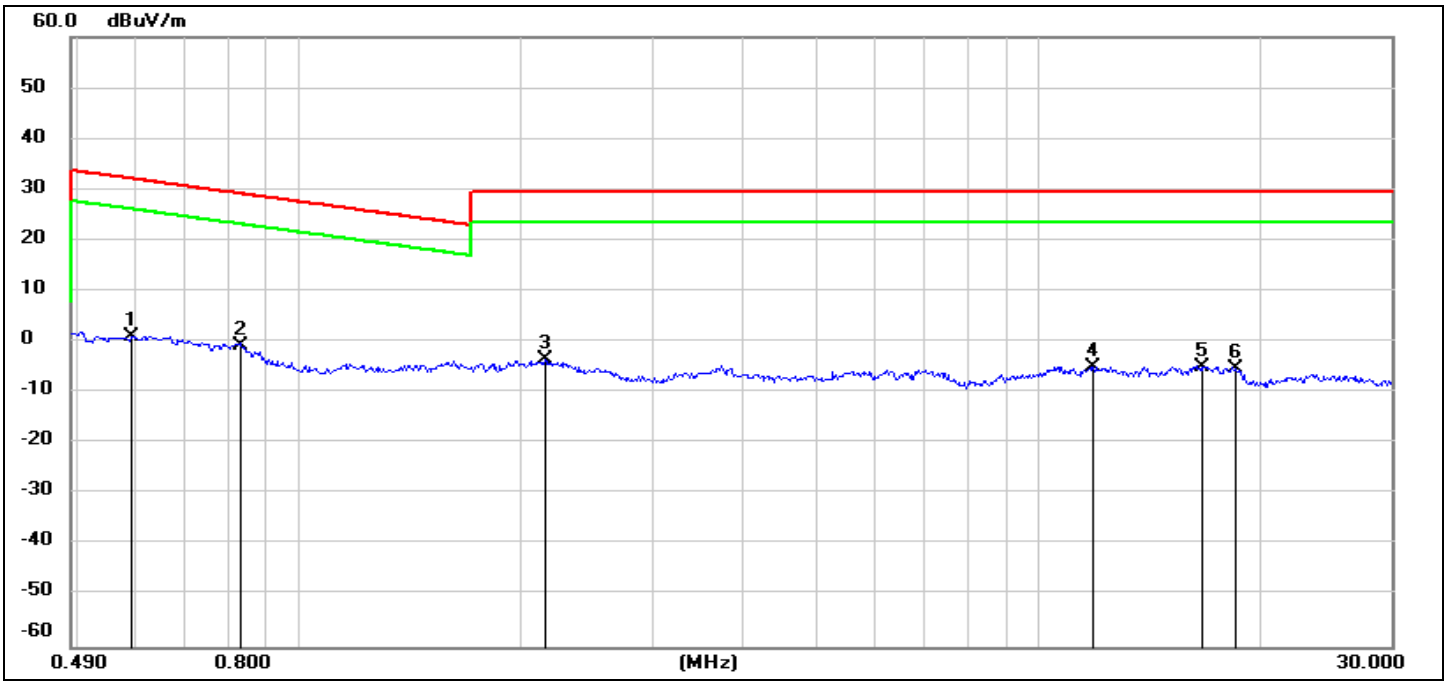
Test Mode:	802.11a20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency	Reading	Correct	FCC Result	FCC Limit	ISED Result	ISED Limit	Margin	Remark
	(MHz)	(dBuV)	(dB/m)	(dBuV/m)	(dBuV/m)	(dBuA/m)	(dBuA/m)	(dB)	
1	0.5917	63.24	-62.08	1.16	32.16	-50.34	-19.34	-31.00	peak
2	0.8326	61.53	-62.17	-0.64	29.19	-52.14	-22.31	-29.83	peak
3	2.1463	58.27	-61.79	-3.52	29.54	-55.02	-21.96	-33.06	peak
4	11.8513	56.06	-60.88	-4.82	29.54	-56.32	-21.96	-34.36	peak
5	16.6021	56.02	-60.96	-4.94	29.54	-56.44	-21.96	-34.48	peak
6	18.4908	55.56	-60.89	-5.33	29.54	-56.83	-21.96	-34.87	peak

Note:
1. Measurement = Reading Level + Correct Factor (dBuA/m= dBuV/m- 20Log10[120π] = dBuV/m- 51.5).
2. If Peak Result complies with AV and QP limit, AV and QP Result are deemed to comply with AV limit.
3. All 3 polarizations (Horizontal, Face-on and Face-off) of the loop antenna had been tested, but only the worst data recorded in the report.

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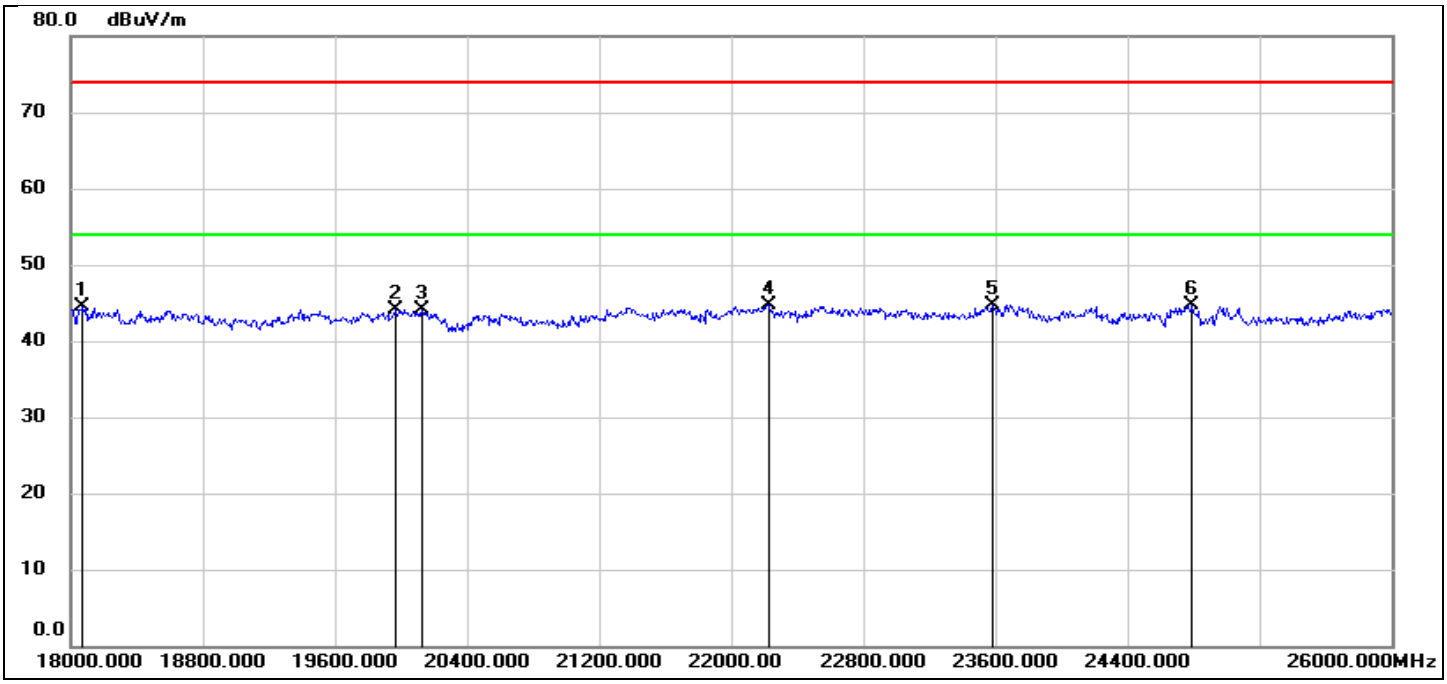
8.5. SPURIOUS EMISSIONS(18 GHZ~26 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18072.000	49.95	-5.43	44.52	74.00	-29.48	peak
2	19968.000	49.48	-5.42	44.06	74.00	-29.94	peak
3	20128.000	49.62	-5.53	44.09	74.00	-29.91	peak
4	22232.000	48.89	-4.23	44.66	74.00	-29.34	peak
5	23584.000	47.92	-3.15	44.77	74.00	-29.23	peak
6	24792.000	46.98	-2.28	44.70	74.00	-29.30	peak

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

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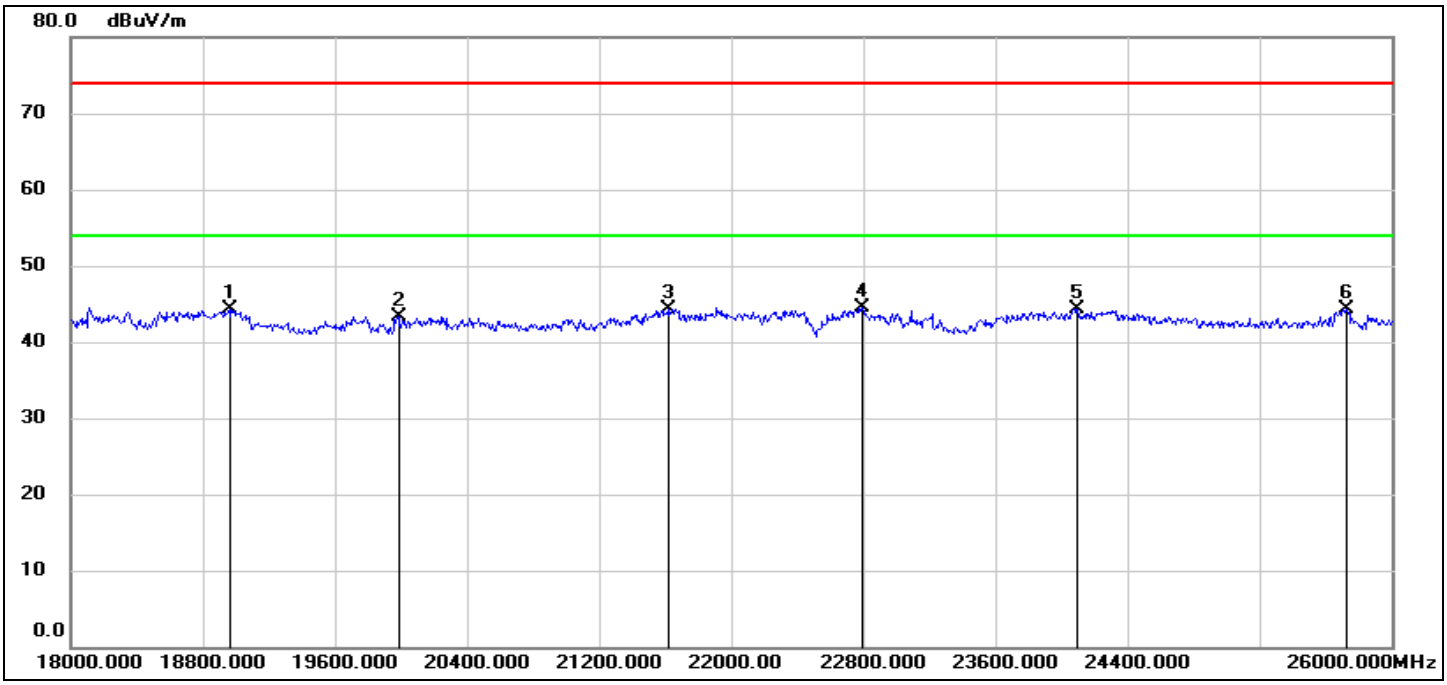
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	18960.000	49.51	-5.25	44.26	74.00	-29.74	peak
2	19984.000	48.71	-5.44	43.27	74.00	-30.73	peak
3	21616.000	48.88	-4.53	44.35	74.00	-29.65	peak
4	22792.000	48.11	-3.65	44.46	74.00	-29.54	peak
5	24096.000	47.11	-2.78	44.33	74.00	-29.67	peak
6	25728.000	45.11	-0.72	44.39	74.00	-29.61	peak

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

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

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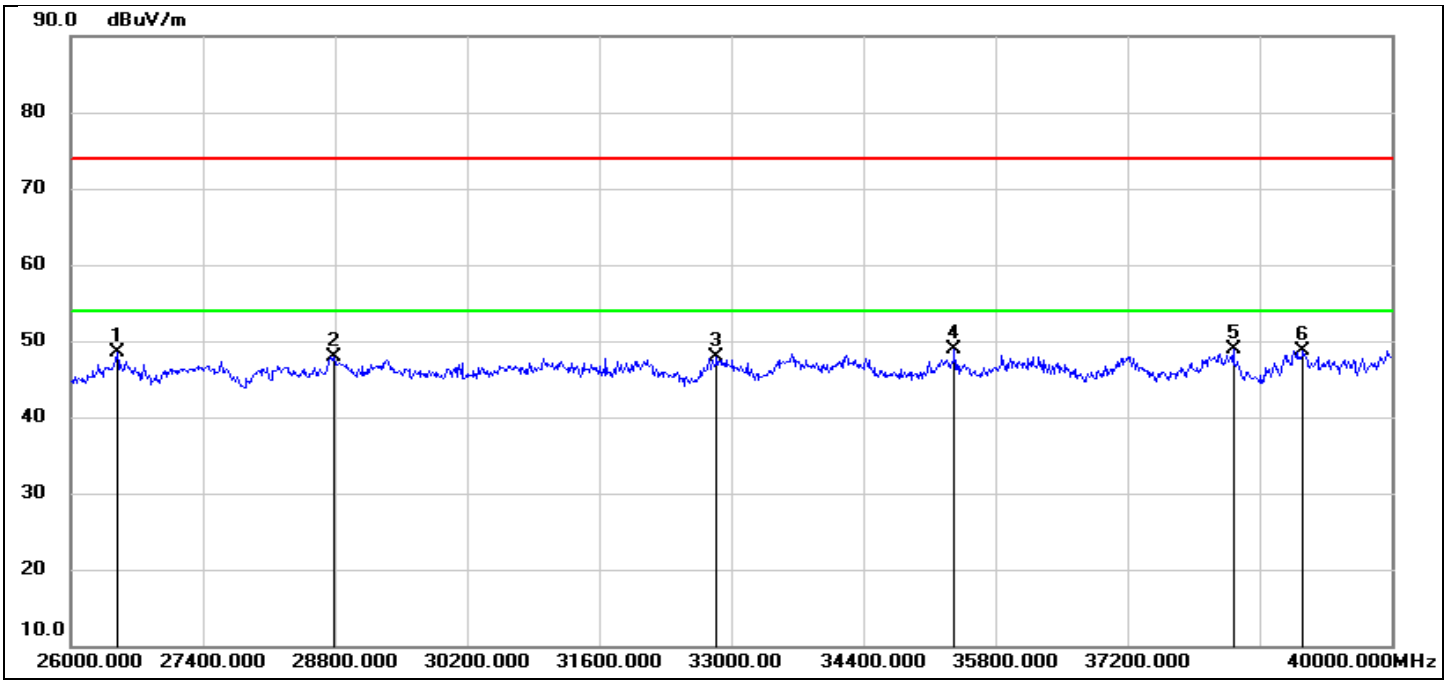
8.6. SPURIOUS EMISSIONS(26 GHZ~40 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26490.000	53.29	-4.74	48.55	74.00	-25.45	peak
2	28786.000	48.49	-0.64	47.85	74.00	-26.15	peak
3	32846.000	48.88	-1.02	47.86	74.00	-26.14	peak
4	35366.000	46.40	2.59	48.99	74.00	-25.01	peak
5	38320.000	45.06	3.77	48.83	74.00	-25.17	peak
6	39062.000	44.31	4.30	48.61	74.00	-25.39	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.

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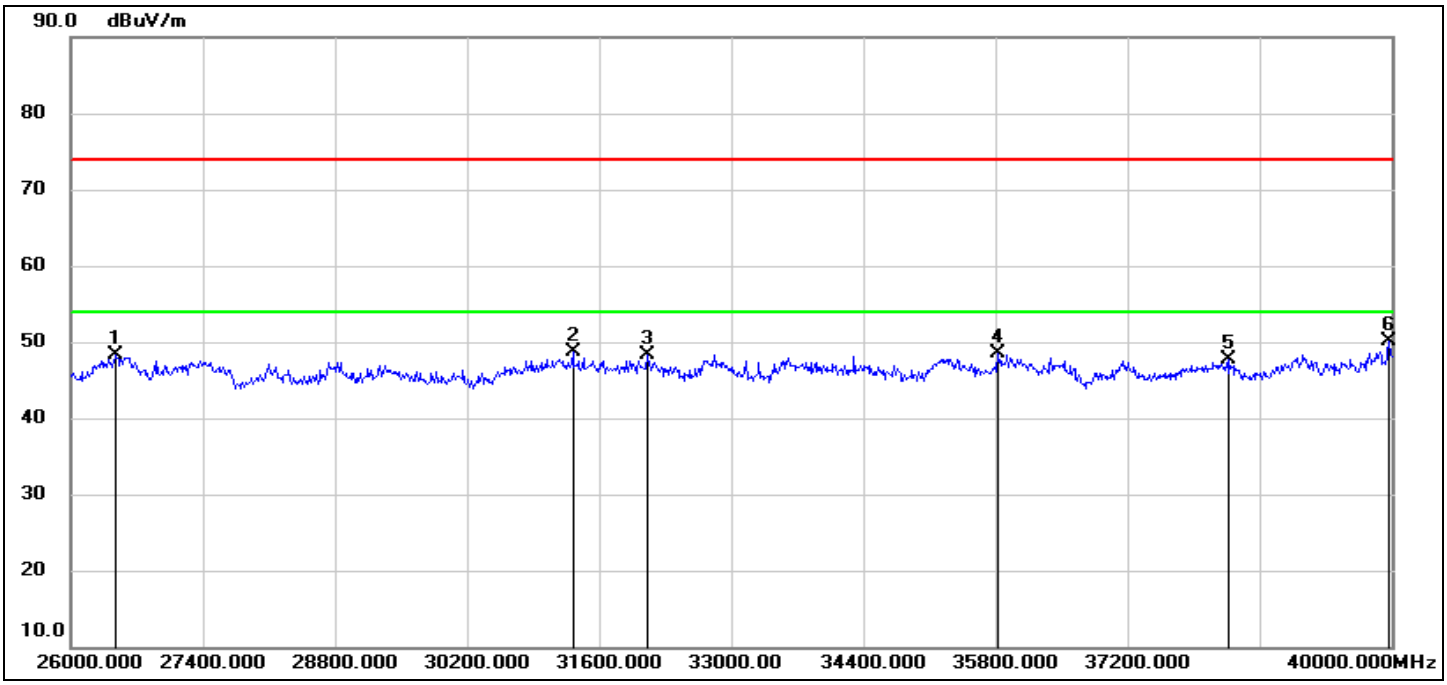
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	26476.000	53.03	-4.78	48.25	74.00	-25.75	peak
2	31320.000	49.61	-0.93	48.68	74.00	-25.32	peak
3	32104.000	49.99	-1.75	48.24	74.00	-25.76	peak
4	35828.000	44.75	3.67	48.42	74.00	-25.58	peak
5	38278.000	43.82	3.82	47.64	74.00	-26.36	peak
6	39972.000	44.95	5.13	50.08	74.00	-23.92	peak

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

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

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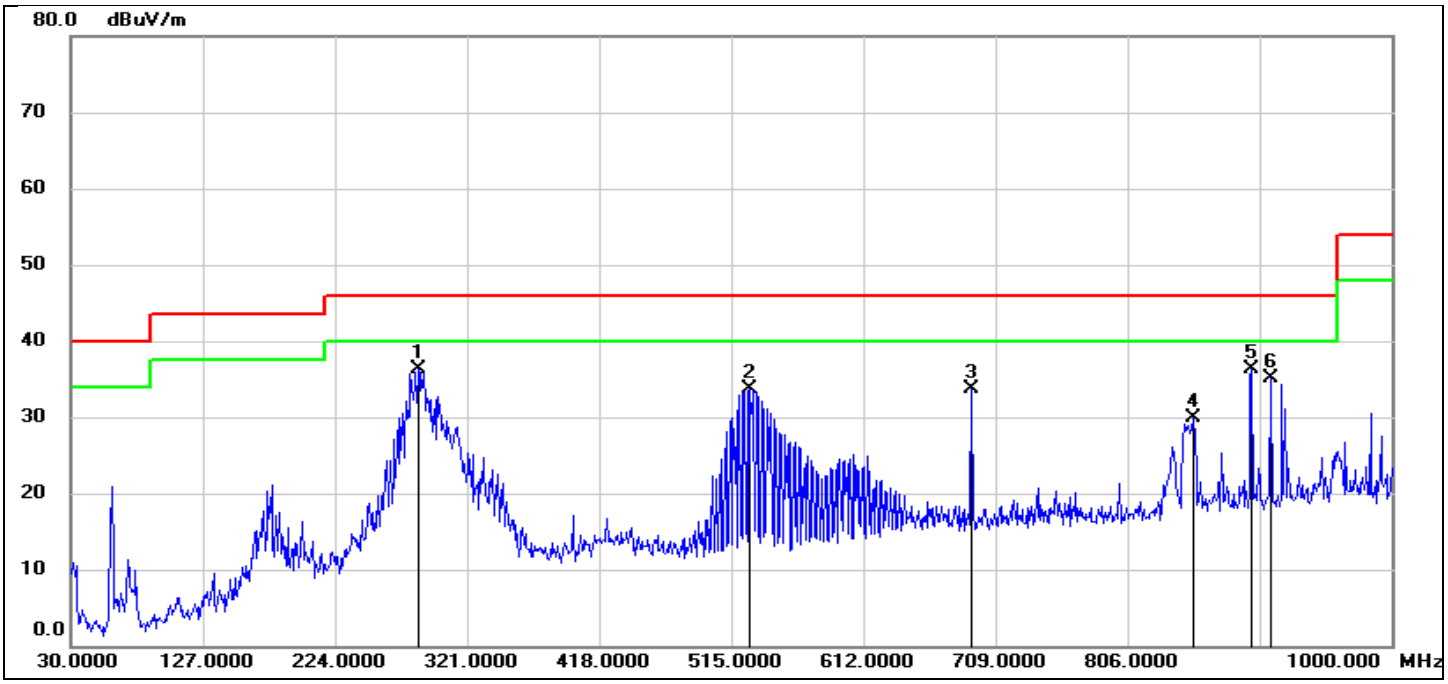
8.7. SPURIOUS EMISSIONS(30 MHZ~1 GHZ)

Test Mode:	802.11a 20	Channel:	5180
Polarity:	Horizontal	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	285.1099	52.56	-16.29	36.27	46.00	-9.73	QP
2	528.5800	44.55	-10.85	33.70	46.00	-12.30	QP
3	691.5400	42.12	-8.34	33.78	46.00	-12.22	QP
4	854.5000	35.97	-6.14	29.83	46.00	-16.17	QP
5	897.1800	41.51	-5.22	36.29	46.00	-9.71	QP
6	910.7600	40.00	-4.97	35.03	46.00	-10.97	QP

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

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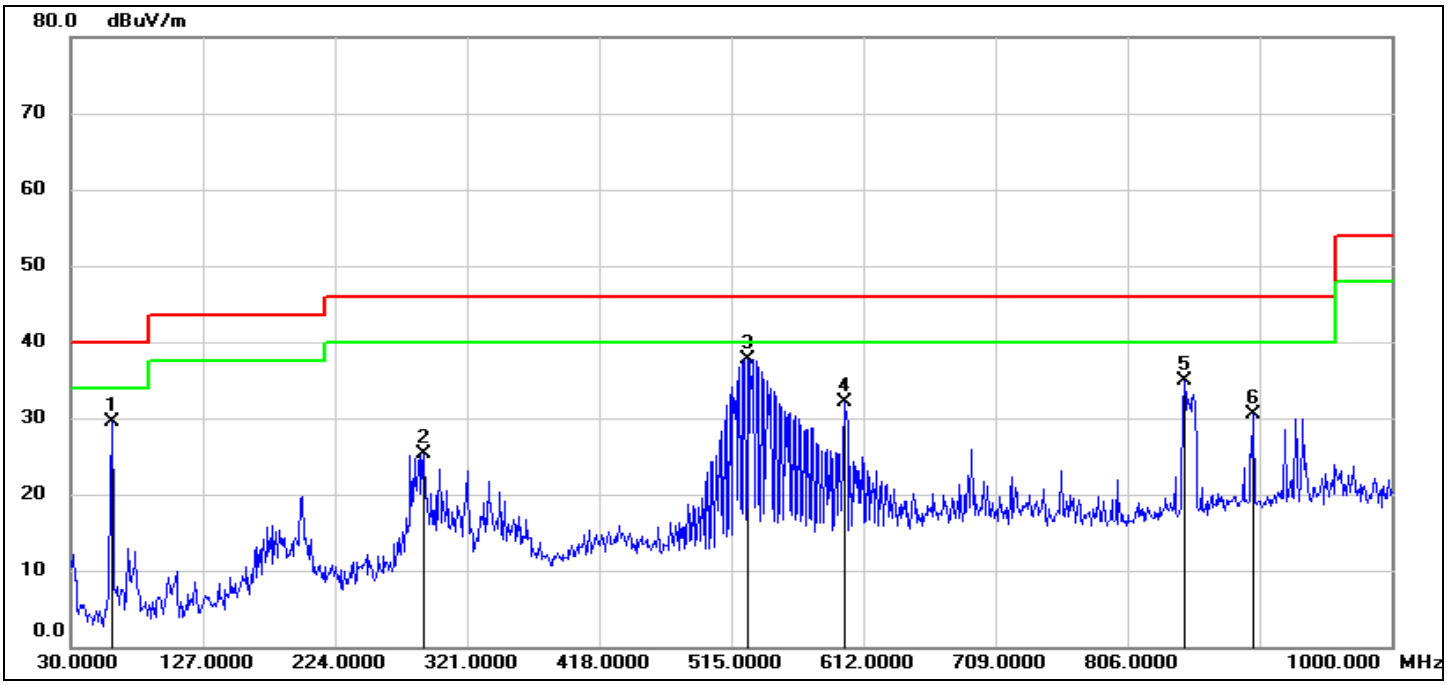
Test Mode:	802.11a 20	Channel:	5180
Polarity:	Vertical	Test Voltage:	DC 7.27 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	60.0700	50.08	-20.49	29.59	40.00	-10.41	QP
2	288.9900	41.29	-15.98	25.31	46.00	-20.69	QP
3	526.6400	48.68	-10.91	37.77	46.00	-8.23	QP
4	598.4200	41.60	-9.59	32.01	46.00	-13.99	QP
5	847.7100	41.29	-6.31	34.98	46.00	-11.02	QP
6	898.1500	35.69	-5.21	30.48	46.00	-15.52	QP

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

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

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9. AC POWER LINE CONDUCTED EMISSION

LIMITS

Please refer to CFR 47 FCC §15.207 (a) and ISED RSS-Gen Clause 8.8

FREQUENCY (MHz)	Quasi-peak	Average
0.15 -0.5	66 - 56 *	56 - 46 *
0.50 -5.0	56.00	46.00
5.0 -30.0	60.00	50.00

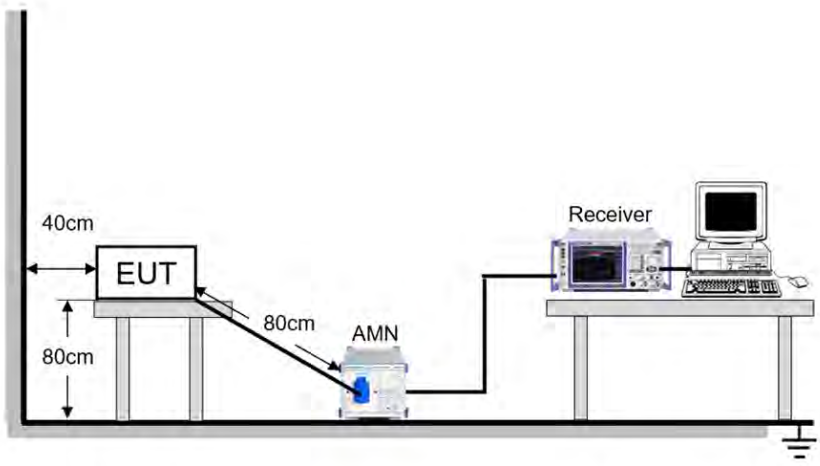
TEST PROCEDURE

Refer to ANSI C63.10-2013 clause 6.2.

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	20.1 °C	Relative Humidity	57.7 %
Atmosphere Pressure	101 kPa	Test Voltage	AC 120 V, 60Hz

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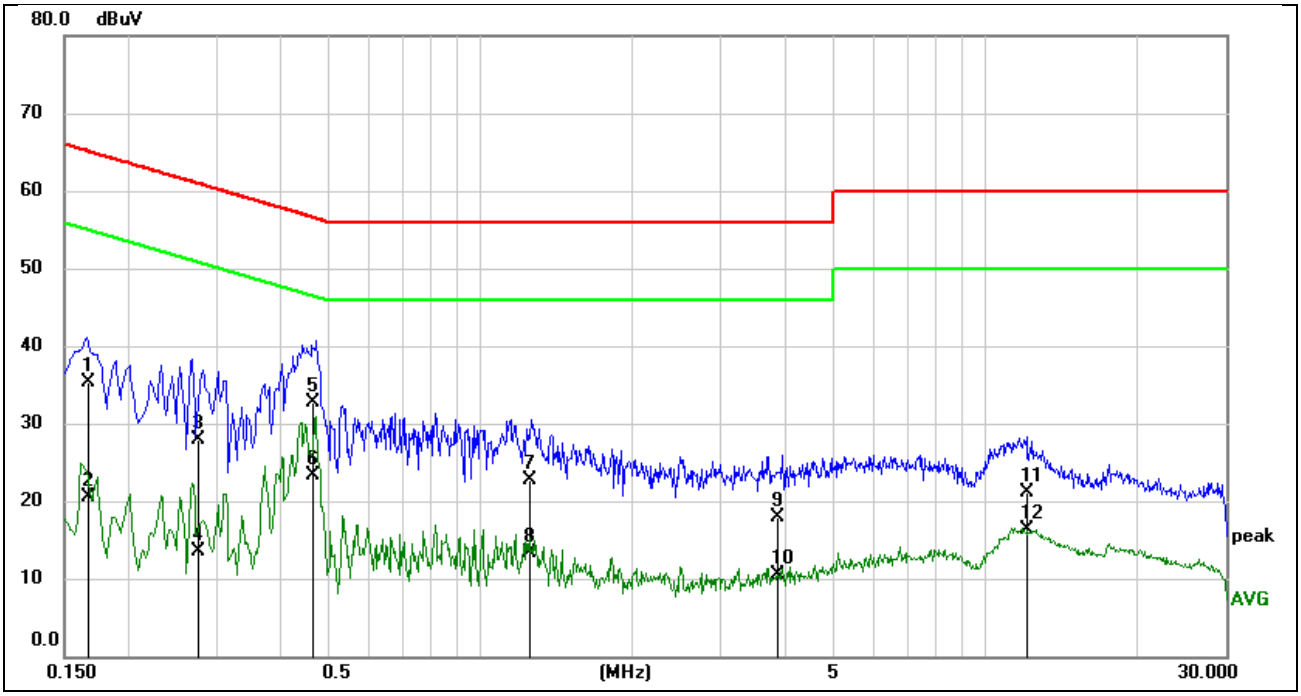
TEST DATE / ENGINEER

Test Date	Jan. 15, 2023	Test By	Andy Wan

TEST RESULTS

Test Mode:	802.11a	Line:	Line



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1674	25.69	9.59	35.28	65.09	-29.81	QP
2	0.1674	10.85	9.59	20.44	55.09	-34.65	AVG
3	0.2748	18.33	9.59	27.92	60.97	-33.05	QP
4	0.2748	3.85	9.59	13.44	50.97	-37.53	AVG
5	0.4694	23.16	9.60	32.76	56.52	-23.76	QP
6	0.4694	13.69	9.60	23.29	46.52	-23.23	AVG
7	1.2515	13.15	9.61	22.76	56.00	-33.24	QP
8	1.2515	3.73	9.61	13.34	46.00	-32.66	AVG
9	3.9193	8.12	9.70	17.82	56.00	-38.18	QP
10	3.9193	0.72	9.70	10.42	46.00	-35.58	AVG
11	12.1231	11.31	9.76	21.07	60.00	-38.93	QP
12	12.1231	6.51	9.76	16.27	50.00	-33.73	AVG

Note:

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

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