CFR 47 FCC PART 15 SUBPART E

CERTIFICATION TEST REPORT

For

AXE7800 Tri-Band Wi-Fi 6E Router

MODEL NUMBER: EX920

FCC ID: 2AXJ4EX920

REPORT NUMBER: 4790653203-RF-6

ISSUE DATE: January 16, 2023

Prepared for

TP-Link Corporation Limited
Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Prepared by

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

Building 10, Innovation Technology Park, No. 1, Li Bin Road, Song Shan Lake Hi-Tech Development Zone Dongguan, 523808, People's Republic of China

Tel: +86 769 22038881
Fax: +86 769 33244054
Website: www.ul.com

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	January 16, 2023	Initial Issue	

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

Summary of Test Results			
Clause	Test Items	FCC Rules	Test Results
1	6dB Bandwidth	FCC 15.407 (a)	PASS
2	99% Occupied Bandwidth	/	PASS
3	Conducted Output Power	FCC 15.407 (a)	PASS
4	Power Spectral Density	FCC 15.407 (a)	PASS
5	Radiated Bandedge and Spurious Emission	FCC 15.407 (b) FCC 15.209 FCC 15.205	PASS
6	Conducted Emission Test for AC Power Port	FCC 15.207	PASS
7	Frequency Stability	FCC 15.407 (g)	PASS
8	Contention-based Protocol	FCC 15.407 (d)	PASS
9	Antenna Requirement	FCC 15.203	PASS

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

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

TABLE OF CONTENTS

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

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

1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name:	TP-Link Corporation Limited
Address:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

Manufacturer Information

Company Name:	TP-Link Corporation Limited
Address:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong

EUT Information

EUT Name:	AXE7800 Tri-Band Wi-Fi 6E Router
Model:	EX920
Sample Received Date:	November 28, 2022
Sample Status:	Normal
Sample ID:	5571490
Date of Tested:	December 1, 2022 ~ January 13, 2023

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

Prepared By:

Denny Huang

Senior Project Engineer

Checked By:

Kebo Zhang

Senior Project Engineer

Approved By:

Stephen Guo

Operations Manager

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

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with ANSI C63.10-2013, CFR 47 FCC Part 2, CFR 47 FCC Part 15, KDB 789033 D02 v02r01, KDB414788 D01 Radiated Test Site v01r01, KDB 662911 D01 Multiple Transmitter Output v02r01, KDB987594 D01 U-NII 6GHz General Requirements v01r02, KDB987594 D02 U-NII 6 GHz EMC Measurement v01v01.

3. FACILITIES AND ACCREDITATION

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

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

Note 2: The test anechoic chamber in UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch had been calibrated and compared to the open field sites and the test anechoic chamber is shown to be equivalent to or worst case from the open field site.

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

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

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

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

4.2. MEASUREMENT UNCERTAINTY

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

Test Item	Uncertainty
Conduction emission	3.62 dB
Radiated Emission (Included Fundamental Emission) (9 kHz ~ 30 MHz)	2.2 dB
Radiated Emission (Included Fundamental Emission) (30 MHz ~ 1 GHz)	4.00 dB
Radiated Emission (Included Fundamental Emission) (1 GHz to 40 GHz)	5.78 dB (1 GHz-18 GHz)
	5.23dB (18 GHz-26 GHz)
	5.64 dB (26 GHz-40 GHz)
Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95 % confidence level using a coverage factor of k=2.	

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

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

EUT Name	AXE7800 Tri-Band Wi-Fi 6E Router
Model	EX920
Radio Technology	IEEE802.11ax HE20/HE40/HE80/HE160
Operation Frequency	UNII-5 Band: 5.925 ~ 6.425 GHz UNII-6 Band: 6.425 ~ 6.525 GHz UNII-7 Band: 6.525 ~ 6.875 GHz UNII-8 Band: 6.875 ~ 7.125 GHz
Modulation	IEEE 802.11ax HE20: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE40: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE80: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM) IEEE 802.11ax HE160: OFDMA (BPSK, QPSK,16QAM,64QAM, 256QAM, 1024QAM)
Power Supply	DC 12 V

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

5.2. MAXIMUM OUTPUT POWER

UNII-5 BAND

IEEE Std. 802.11	Frequency (GHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	5.925-6.425	10.93	15.94
ax HE40		14.64	19.65
ax HE80		17.61	22.62
ax HE160		19.51	24.52

UNII-6 BAND

IEEE Std. 802.11	Frequency (GHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	6.425-6.525	11.50	16.51
ax HE40		14.16	19.17
ax HE80		17.25	22.26
ax HE160		19.15	24.16

UNII-7 BAND

IEEE Std. 802.11	Frequency (GHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	6.525-6.875	11.82	16.83
ax HE40		14.71	19.72
ax HE80		17.74	22.75
ax HE160		19.51	24.52

UNII-8 BAND

IEEE Std. 802.11	Frequency (GHz)	Maximum Average Conducted Power (dBm)	Maximum Average EIRP (dBm)
ax HE20	6.875-7.125	11.24	16.25
ax HE40		14.58	19.59
ax HE80		17.07	22.08
ax HE160		19.11	24.12

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

5.3. CHANNEL LIST

UNII-5 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
33	6115	57	6235	81	6355
37	6135	61	6255	85	6375
41	6155	65	6275	89	6395
45	6175	69	6295	93	6415
49	6195	73	6315	/	/
53	6215	77	6335	/	/

UNII-6 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
97	6435	105	6475	113	6515
101	6455	109	6495	/	/

UNII-7 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
117	6535	141	6655	165	6775
121	6555	145	6675	169	6795
125	6575	149	6695	173	6815
129	6595	153	6715	177	6835
133	6615	157	6735	181	6855
137	6635	161	6755	185	6875

UNII-8 (For Bandwidth=20 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
189	6895	205	6975	221	7055
193	6915	209	6995	225	7075
197	6935	213	7015	229	7095
201	6955	217	7035	/	/

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

UNII-5 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
35	6125	59	6245	83	6365
43	6165	67	6285	91	6405
51	6205	75	6325	/	/

UNII-6 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
99	6445	107	6485	/	/

UNII-7 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
115	6525	139	6645	163	6765
123	6605	147	6685	171	6805
131	6645	155	6725	179	6845

UNII-8 (For Bandwidth=40 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
187	6885	203	6965	219	7045
195	6925	211	7005	227	7085

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

UNII-5 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
39	6145	71	6305	/	/
55	6225	87	6385	/	/

UNII-6 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
103	6465	/	/	/	/

UNII-7 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
119	6545	151	6705	183	6865
135	6625	167	6785	/	/

UNII-8 (For Bandwidth=80 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
199	6945	215	7025	/	/

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

UNII-5 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
47	6185	79	6345	/	/

UNII-6 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
111	6505	/	/	/	/

UNII-7 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
143	6665	175	6825	/	/

UNII-8 (For Bandwidth=160 MHz)					
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
207	6985	/	/	/	/

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

5.4. TEST CHANNEL CONFIGURATION

UNII-5 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 33(Low Channel), CH 65(MID Channel), CH 93(High Channel)	6115 MHz, 6275 MHz, 6415 MHz
802.11ax HE40	CH 35(Low Channel), CH 67(MID Channel), CH 91(High Channel)	6125 MHz, 6285 MHz, 6405 MHz
802.11ax HE80	CH 39(Low Channel), CH 55(MID Channel), CH 87(High Channel)	6145 MHz, 6225 MHz, 6385 MHz
802.11ax HE160	CH 47(Low Channel), CH 79(High Channel)	6185 MHz, 6345 MHz

UNII-6 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 97(Low Channel), CH 105(MID Channel), CH 113(High Channel)	6435 MHz, 6475 MHz, 6515 MHz
802.11ax HE40	CH 99(Low Channel), CH 107(High Channel)	6445 MHz, 6485 MHz
802.11ax HE80	CH 103(Low Channel)	6465 MHz
802.11ax HE160	CH 111(Low Channel)	6505 MHz

UNII-7 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 117(Low Channel), CH 153(MID Channel), CH 185(High Channel)	6535 MHz, 6715 MHz, 6875 MHz
802.11ax HE40	CH 115(Low Channel), CH 155(MID Channel), CH 179(High Channel)	6525 MHz, 6725 MHz, 6845 MHz
802.11ax HE80	CH 119(Low Channel), CH 151(MID Channel), CH 183(High Channel)	6545 MHz, 6705 MHz, 6865 MHz
802.11ax HE160	CH 143(Low Channel), CH 175(High Channel)	6665 MHz, 6825 MHz

UNII-8 Test Channel Configuration		
IEEE Std.	Test Channel Number	Frequency
802.11ax HE20	CH 185(Low Channel), CH 213(MID Channel), CH 229 (High Channel)	6895 MHz, 7015 MHz, 7095 MHz
802.11ax HE40	CH 187(Low Channel), CH 211(MID Channel), CH 227(High Channel)	6885 MHz, 7005 MHz, 7085 MHz
802.11ax HE80	CH 119(Low Channel), CH 183(High Channel)	6945 MHz, 7025 MHz
802.11ax HE160	CH 207(Low Channel)	6985 MHz

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

5.5. DESCRIPTION OF AVAILABLE ANTENNAS

Antenna No.	Frequency Band	Antenna Type	Max Antenna Gain (dBi)
1	5925 ~ 7125	PCB	2
2	5925 ~ 7125	PCB	2
3	5925 ~ 7125	PCB	2

Note: Antenna 3 support RX only.

The EUT support Cyclic Shift Diversity (CDD) mode.
MIMO output power port and MIMO PSD port summing was performed in accordance with KDB 662911 D01. For the CDD mode results the Directional Gain was calculated in accordance with the following mothed.
For output power measurements:
Directional gain= G_{ANT} + Array Gain = 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 = 5 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

The EUT support Tx beamforming mode.
MIMO output power port and MIMO PSD port summing was performed in accordance with KDB 662911 D01. For the Tx beamforming mode results the Directional Gain was calculated in accordance with the following mothed.
For output power measurements:
Directional gain= G_{ANT} + 10 log (N_{ANT}) dBi = 5 dBi
G_{ANT}: equal to the gain of the antenna having the highest gain
For power spectral density (PSD) measurements:
Directional gain= G_{ANT} + 10 log (N_{ANT}) dBi = 5 dBi
G_{ANT}: equal to the gain of the antenna having the highest gain

The EUT support Space Time Block Codes (STBC), Spartial Division Multiplexing (SDM) modes mode.
MIMO output power port and MIMO PSD port summing was performed in accordance with KDB 662911 D01. For the STBC/SDM mode results the Directional Gain was calculated in accordance with the following mothed.
For output power measurements:
Directional gain= G_{ANT} dBi = 2 dBi
G_{ANT}: equal to the gain of the antenna having the highest gain
For power spectral density (PSD) measurements:
Directional gain= G_{ANT} dBi = 2 dBi
G_{ANT}: equal to the gain of the antenna having the highest gain

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

5.6. THE WORSE CASE POWER SETTING PARAMETER

The Worse Case Power Setting Parameter	
Test Software	QA tool

UNII-5 BAND

IEE Std. 802.11	Rate	Channel	Soft set value	
			ANT 1	ANT 2
ax HE20	MCS0	33	12	12
		61	11	11
		93	11	11
ax HE40	MCS0	35	12	12
		67	11	11
		91	11	11
ax HE80	MCS0	39	11	11
		55	12	12
		87	11	11
ax HE160	MCS0	47	13	13
		175	13	13

UNII-6 BAND

IEE Std. 802.11	Rate	Channel	Soft set value	
			ANT 1	ANT 2
ax HE20	MCS0	97	11	11
		105	11	11
		113	12	12
ax HE40	MCS0	99	10	10
		107	11	11
ax HE80	MCS0	103	10	10
ax HE160	MCS0	111	13	13

UNII-7 BAND

IEE Std. 802.11	Rate	Channel	Soft set value	
			ANT 1	ANT 2
ax HE20	MCS0	117	12	12
		145	12	12
		185	12	12
ax HE40	MCS0	115	11	11
		147	11	11
		179	11	11
ax HE80	MCS0	119	12	12
		151	12	12
		183	11	11
ax HE160	MCS0	143	13	13
		175	12.5	12.5

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

UNII-8 BAND

IEE Std. 802.11	Rate	Channel	Soft set value	
			ANT 1	ANT 2
ax HE20	MCS0	185	11	11
		209	12	12
		229	11	11
ax HE40	MCS0	187	11	11
		203	12	12
		227	11	11
ax HE80	MCS0	119	11	11
		183	12	12
ax HE160	MCS0	207	13.5	13.5

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

5.7. THE WORSE CASE CONFIGURATIONS

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

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

Test channels referring to section 5.6.

Maximum power setting referring to section 5.5.

Worst case Data Rates declared by the customer:

IEEE 802.11ax HE20 / SISO – BPSK / MCS0
IEEE 802.11ax HE40 / SISO – BPSK / MCS0
IEEE 802.11ax HE20 / MIMO / STBC – BPSK / MCS0
IEEE 802.11ax HE40 / MIMO / STBC – BPSK / MCS0
IEEE 802.11ax HE20 / MIMO / TxBF or 2Tx CDD – BPSK / MCS0
IEEE 802.11ax HE40 / MIMO / TxBF or 2Tx CDD – BPSK / MCS0

The EUT support STBC, CDD and TxBF (Tx Beamforming) modes, all the modes had been tested, but only the worst data was recorded in the report.

The EUT has 2 separate antennas which correspond to 2 separate antenna ports. Core 1 and Core 2 correspond to antenna 1 and antenna 2 respectively.

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.

Duty cycle and 6dB DTS bandwidth/occupied channel bandwidth tests, only SISO mode and one chain were tested since the duty cycle and bandwidth does not change depending on chains used.

Conducted bandedge and spurious emissions tests were performed with SISO mode, as this port was found to have the worst case in terms of power settings amongst all supported possible 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.

The 6 GHz beamforming function is enabled by test program, the carrier wave will be under radio chip phase control and sent to the antennas through the test program.

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

5.8. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT

Item	Equipment	Brand Name	Model Name	Remarks
1	Laptop	ThinkPad	X230i	/

I/O CABLES

Cable No	Port	Connector Type	Cable Type	Cable Length(m)	Remarks
1	USB	USB	Unshielded	1.0 m	/
2	LAN1	RJ45	Unshielded	1.0 m	/
3	LAN2	RJ45	Unshielded	1.0 m	/
4	LAN3	RJ45	Unshielded	1.0 m	/
5	POWER	/	Unshielded	1.5 m	/

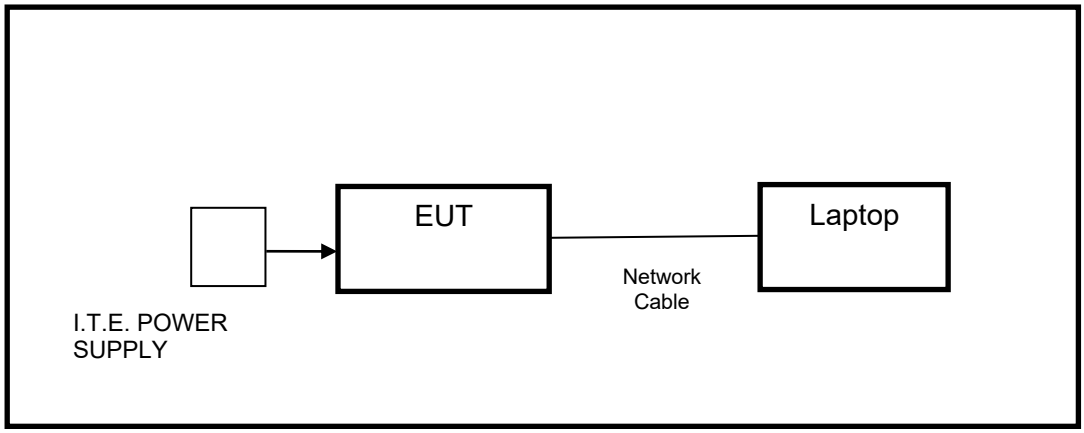
ACCESSORIES

Item	Accessory	Brand Name	Model Name	Description
1	I.T.E. POWER SUPPLY	Tp-link	T120330-2B4	Input: AC 100-240 V, 50 / 60 Hz, 1 A Output: DC 12.0 V, 3.3 A

TEST SETUP

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

SETUP DIAGRAM FOR TESTS



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

6. MEASURING INSTRUMENT 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
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
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
Attenuator	Agilent	8495B	2814a12853	Oct.18, 2022	Oct.17, 2023
Software					
Description	Manufacturer	Name	Version		
Tonsend SRD Test System	Tonsend	JS1120-3 RF Test System	2.6.77.0518		

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

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
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
Highpass Filter	Wainwright	WHKX10-5850-6500-1800-40SS	4	Oct.31, 2021	Oct.30, 2022
Software					
Description			Manufacturer	Name	Version
Test Software for Radiated Emissions			Farad	EZ-EMC	Ver. UL-3A1

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

7. ANTENNA PORT TEST RESULTS

7.1. ON TIME AND DUTY CYCLE

LIMITS

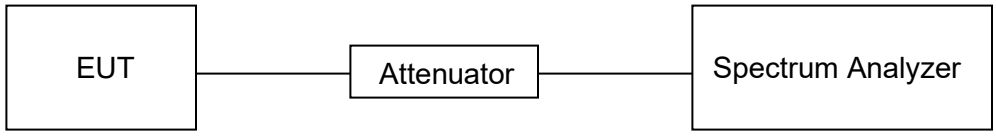
None; for reporting purposes only.

PROCEDURE

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

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

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5 °C	Relative Humidity	55.1 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

RESULTS

Please refer to appendix B.

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

7.2. EMISSION BANDWIDTH AND 99 % OCCUPIED BANDWIDTH

LIMITS

CFR 47 FCC Part15, Subpart E

The maximum transmitter channel bandwidth for U-NII devices in the 5.925-7.125 GHz band is 320 megahertz.

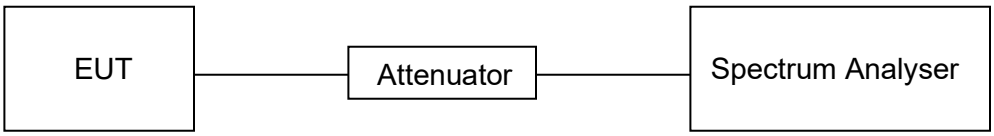
TEST PROCEDURE

Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.C1. for 26 dB Emission Bandwidth; section II.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 26 dB Emission bandwidth: approximately 1 % of the EBW. For 99 % Occupied Bandwidth: approximately 1 % ~ 5 % of the OBW.
VBW	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	24.5 °C	Relative Humidity	55.1 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

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

RESULTS

Please refer to Appendix A1 & A2.

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

7.3. CONDUCTED OUTPUT POWER

LIMITS

CFR 47 FCC Part15, Subpart E

For an indoor access point operating in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p. in any 1-megahertz band. In addition, the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

TEST PROCEDURE

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

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

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

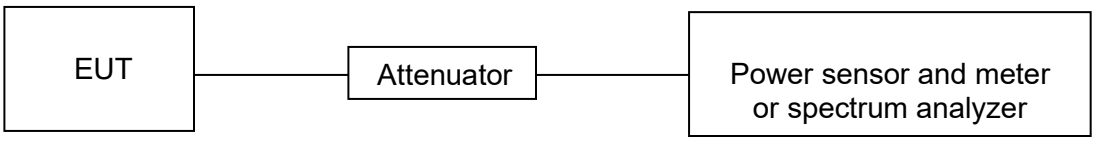
This report shall not be reproduced except in full, without the written approval of UL Verification Services (Guangzhou) Co., Ltd, Song Shan Lake Branch.

(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 %).

Method PM-G (Measurement using a gated RF average power meter):
Measurements may be performed using a wideband gated RF power meter provided that the gate parameters are adjusted such that the power is measured only when the EUT is transmitting at its maximum power control level. Since the measurement is made only during the ON time of the transmitter, no duty cycle correction factor is required.

Straddle channel power was measured using spectrum analyzer.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5 °C	Relative Humidity	55.1 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

RESULTS

Please refer to Appendix C

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

7.4. POWER SPECTRAL DENSITY

LIMITS

CFR 47 FCC Part15, Subpart E

For a subordinate device operating under the control of an indoor access point in the 5.925-7.125 GHz band, the maximum power spectral density must not exceed 5 dBm e.i.r.p in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm.

For client devices, except for fixed client devices as defined in this subpart, operating under the control of a standard power access point in 5.925-6.425 GHz and 6.525-6.875 GHz bands, the maximum power spectral density must not exceed 17 dBm e.i.r.p. in any 1-megahertz band, and the maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm and the device must limit its power to no more than 6 dB below its associated standard power access point's authorized transmit power.

TEST PROCEDURE

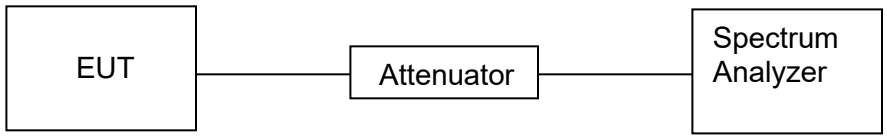
Refer to KDB 789033 D02 General U-NII Test Procedures New Rules v02r01 section II.F.

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

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

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 reference bandwidth.

TEST SETUP



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 ENVIRONMENT

Temperature	24.5 °C	Relative Humidity	55.1 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

RESULTS

Please refer to Appendix D.

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

7.5. IN-BAND EMISSIONS (MASK)

LIMITS

CFR 47 FCC Part15, Subpart E

For transmitters operating within the 5.925-7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and one-half times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

TEST PROCEDURE

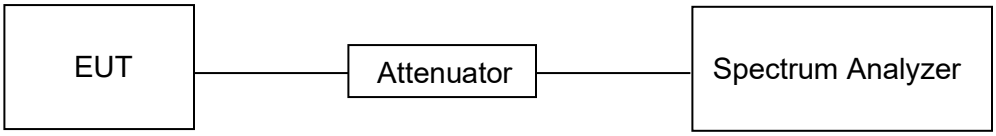
Refer to 987594 D02 U-NII 6GHz EMC Measurement v01r01 J.

Connect output of the antenna port to a spectrum analyzer or EMI receiver, with appropriate attenuation, as to not damage the instrumentation.
2. Set the reference level of the measuring equipment in accordance with procedure 4.1.5.2 of ANSI C63.10-2013.
3. Measure the 26 dB EBW using the test procedure 12.4.1 of ANSI C63.10-2013. (This will be used to determine the channel edge.)
4. Measure the power spectral density (which will be used for emissions mask reference) using the following procedure:
a) Set the span to encompass the entire 26 dB EBW of the signal.
b) Set RBW = same RBW used for 26 dB EBW measurement.
c) Set VBW ≥ 3 X RBW
d) Number of points in sweep ≥ [2 X span / RBW].
e) Sweep time = auto.
f) Detector = RMS (i.e., power averaging)
g) Trace average at least 100 traces in power averaging (rms) mode.
h) Use the peak search function on the instrument to find the peak of the spectrum.
5. For the purposes of developing the emission mask, the channel bandwidth is defined as the 26 dB EBW.
6. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:
a. Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)
b. Suppressed by 28 dB at one channel bandwidth from the channel center.
c. Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.
7. Adjust the span to encompass the entire mask as necessary.
8. Clear trace.
9. Trace average at least 100 traces in power averaging (rms) mode.

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

10. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask.

TEST SETUP



TEST ENVIRONMENT

Temperature	24.5 °C	Relative Humidity	55.1 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 12 V

RESULTS

Please refer to appendix E.

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

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.

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

ISED Restricted bands refer to ISED RSS-GEN Clause 8.10

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

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

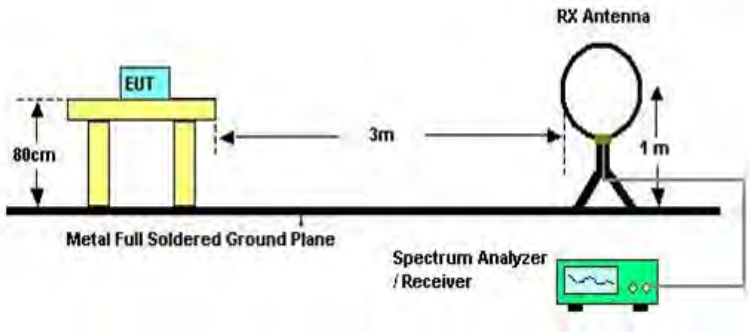
§15.407 (b) and ISED RSS-247 6.2.

For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of −27 dBm/MHz.

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 SETUP AND PROCEDURE

Below 30 MHz



The setting of the spectrum analyser

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

1. The testing follows the guidelines in ANSI C63.10-2013 clause 11.11 & 11.12.

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.

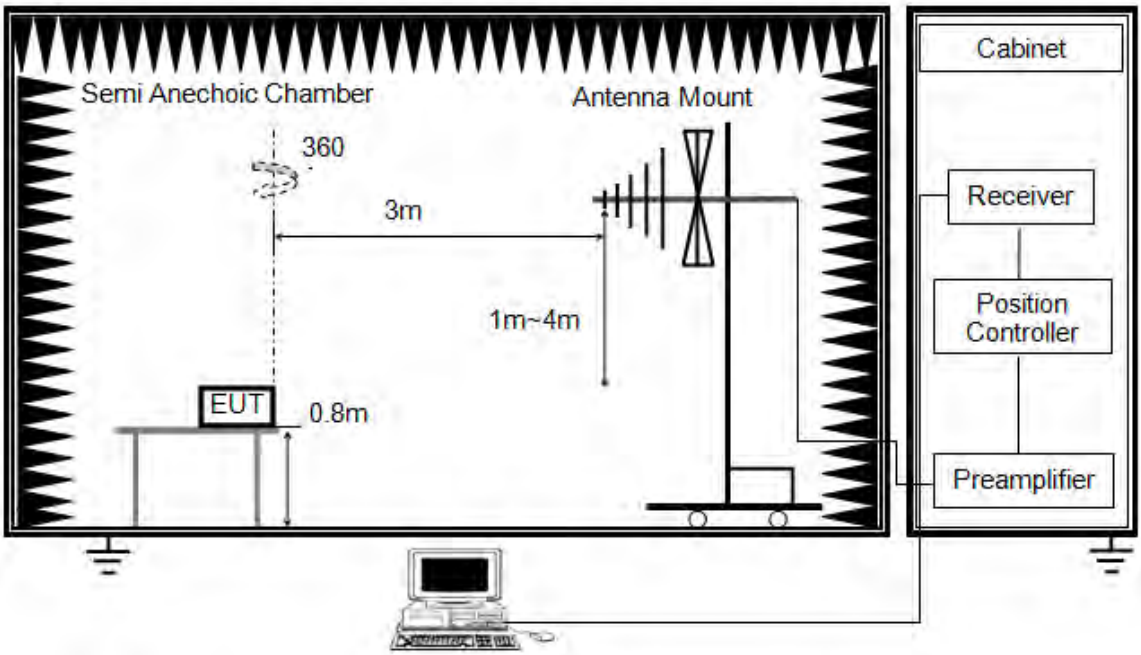
6. For measurement below 1 GHz, the initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak and average detector mode re-measured. If the emission level of the EUT 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 377 ohm; For example, 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.

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

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 11.11 & 11.12.

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.

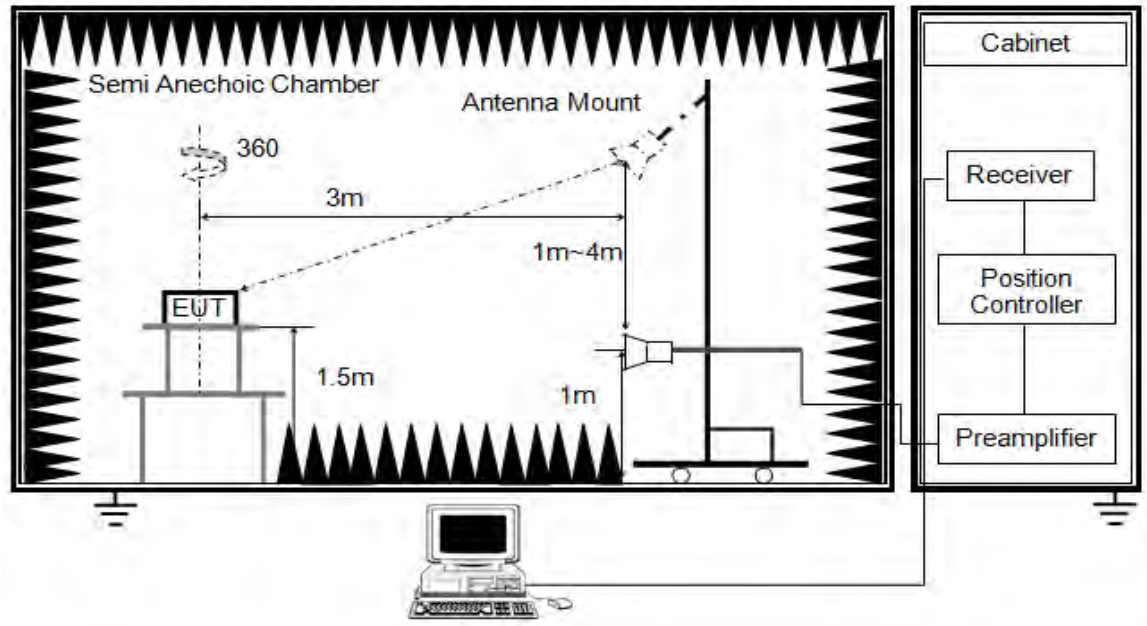
3. The EUT was placed on a turntable with 80 cm above ground.

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.

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

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.

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

For Restricted Bandedge:
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. Only the worst data was recorded, if it complies with the limit, the other emissions deemed to comply with the limit.
7. Both 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 (9 kHz ~ 30 MHz):
Note:
1. Measurement = Reading 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. 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.
4. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious Emission (30 MHz ~ 1 GHz):
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. All modes, channels and antennas have been tested, only the worst data was recorded in the report.

For Radiate Spurious Emission (1 GHz ~ 7 GHz):
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.

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

For Radiate Spurious Emission (7 GHz ~ 18 GHz):
Note:
1. Peak Result = 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 (18 GHz ~ 26 GHz):
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 (26 GHz ~ 40 GHz):
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.

TEST ENVIRONMENT

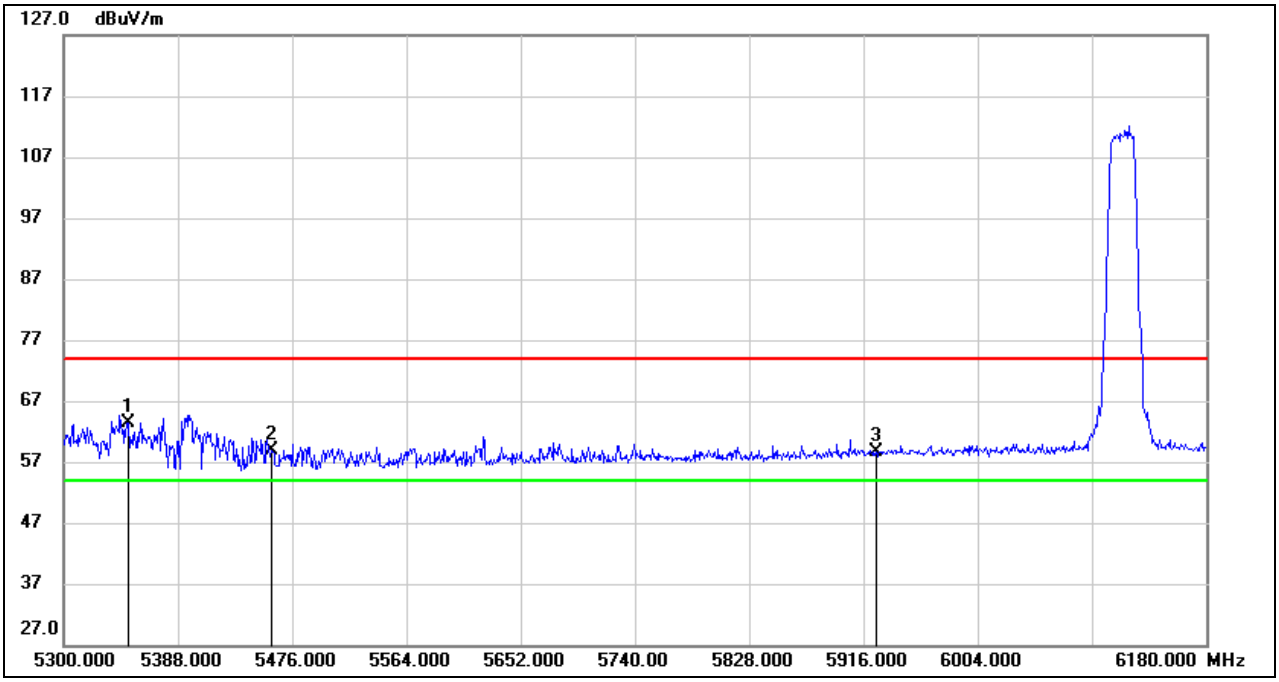
Temperature	24.3 °C	Relative Humidity	61 %
Atmosphere Pressure	101 kPa	Test Voltage	DC 3.3 V

RESULTS

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

8.1. RESTRICTED BANDEDGE

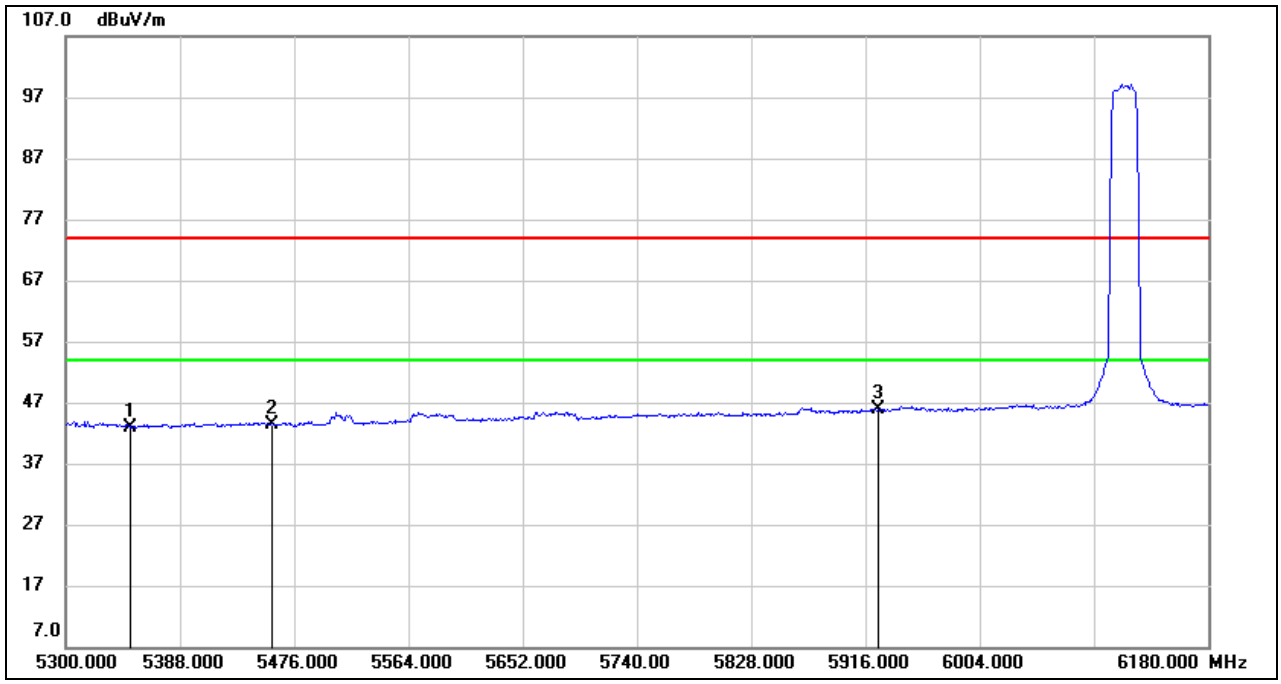
Test Mode:	802.11ax HE20 Peak	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	22.82	40.49	63.31	74.00	-10.69	peak
2	5460.000	18.30	40.62	58.92	74.00	-15.08	peak
3	5925.000	16.71	41.80	58.51	74.00	-15.49	peak

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

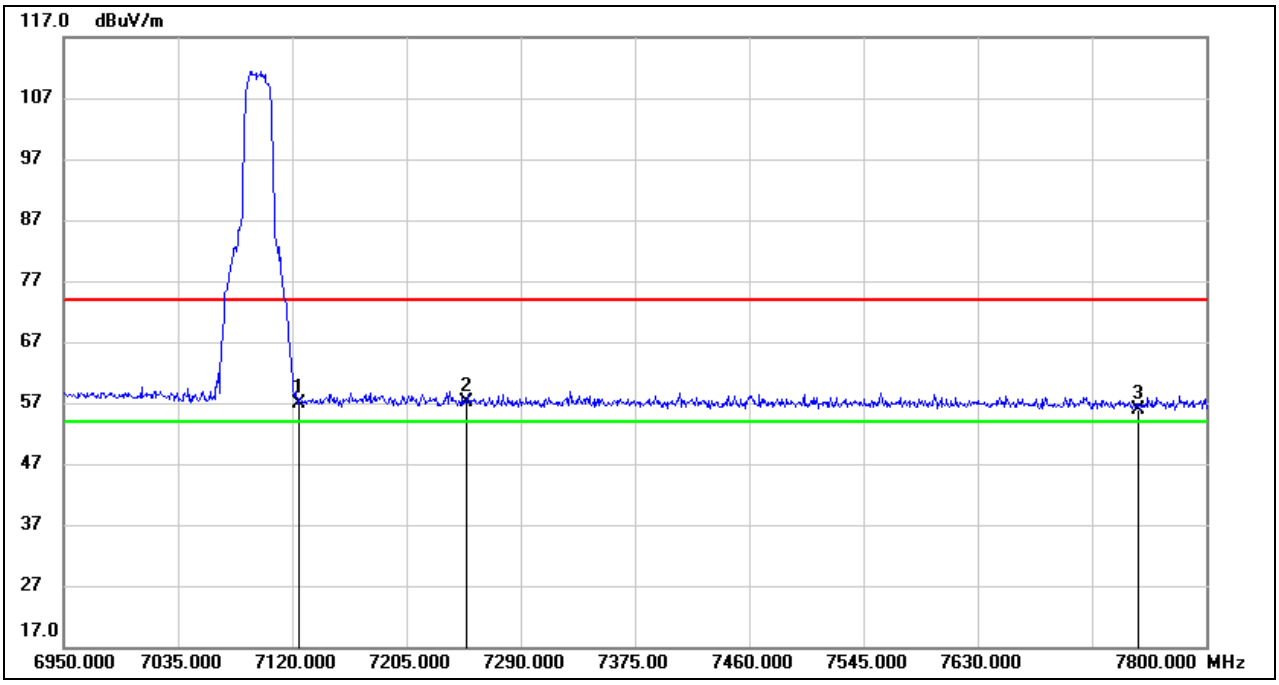
Test Mode:	802.11ax HE20 Average	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.49	40.49	42.98	54.00	-11.02	AVG
2	5460.000	2.80	40.62	43.42	54.00	-10.58	AVG
3	5925.000	4.02	41.80	45.82	54.00	-8.18	AVG

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

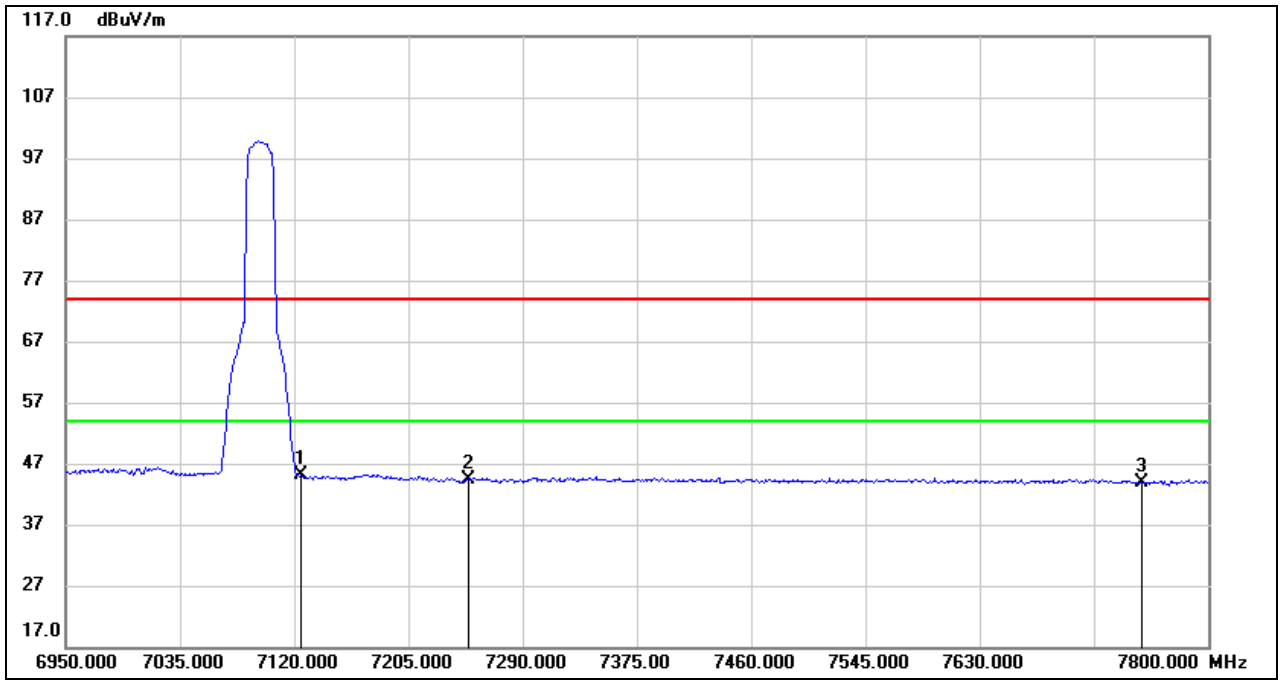
Test Mode:	802.11ax HE20 Peak	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	11.61	45.36	56.97	74.00	-17.03	peak
2	7250.000	11.82	45.27	57.09	74.00	-16.91	peak
3	7750.000	10.88	45.08	55.96	74.00	-18.04	peak

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

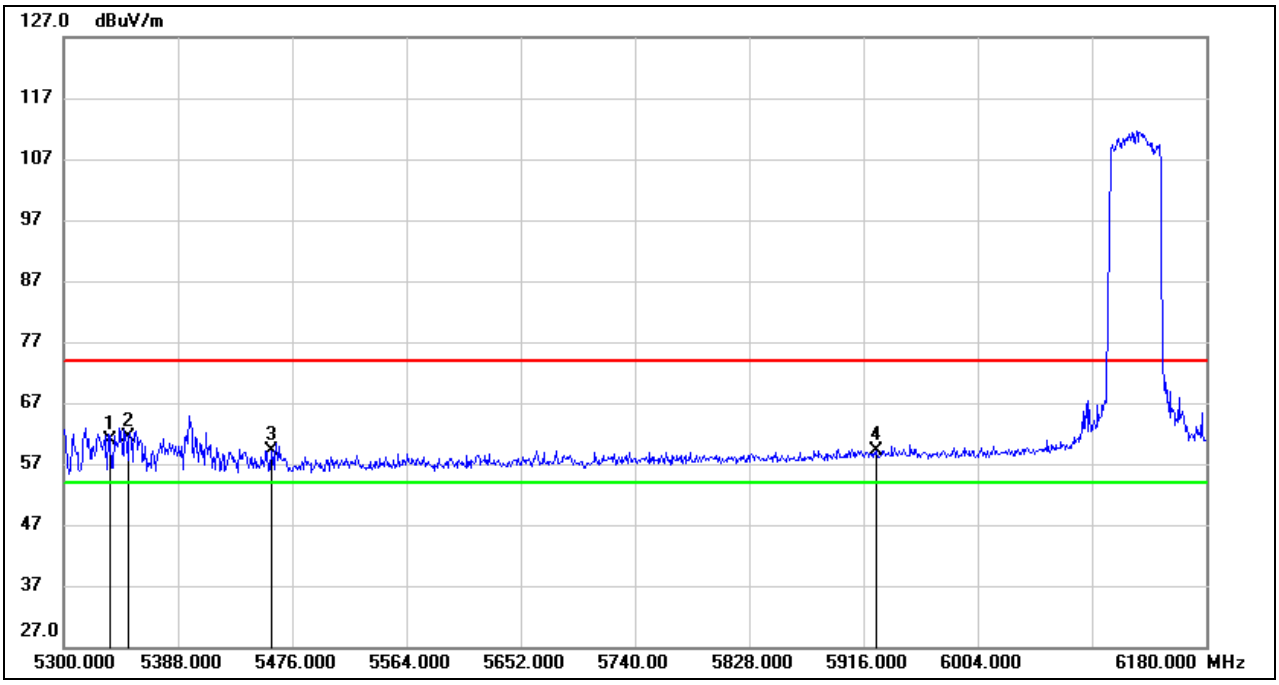
Test Mode:	802.11ax HE20 Average	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	-0.32	45.36	45.04	54.00	-8.96	AVG
2	7250.000	-0.90	45.27	44.37	54.00	-9.63	AVG
3	7750.000	-1.15	45.08	43.93	54.00	-10.07	AVG

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

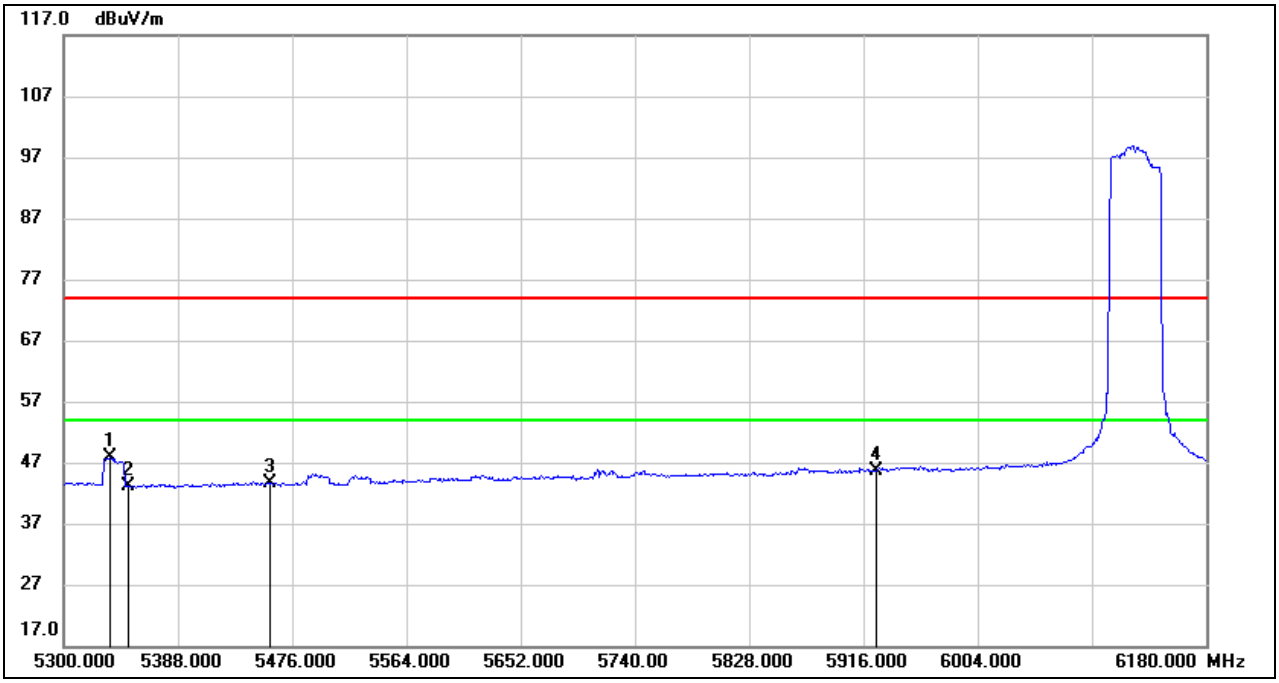
Test Mode:	802.11ax HE40 Peak	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5336.080	20.40	40.48	60.88	74.00	-13.12	peak
2	5350.000	20.96	40.49	61.45	74.00	-12.55	peak
3	5460.000	18.54	40.62	59.16	74.00	-14.84	peak
4	5925.000	17.44	41.80	59.24	74.00	-14.76	peak

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

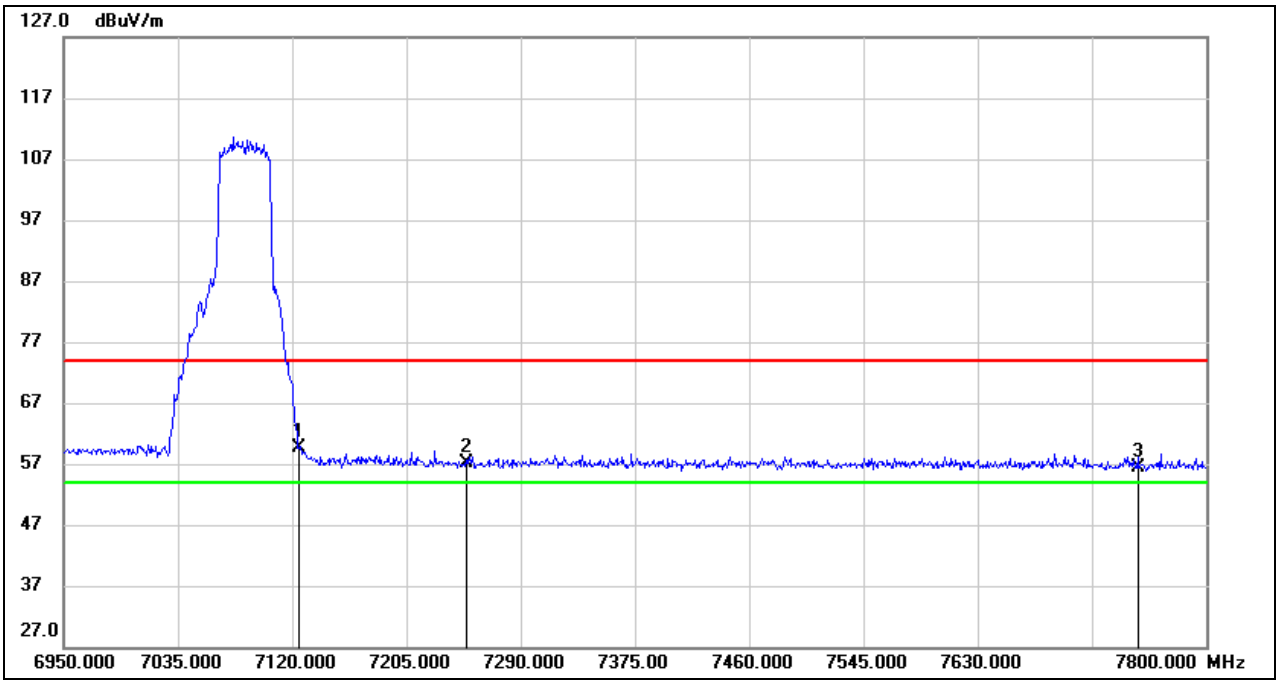
Test Mode:	802.11ax HE40 Average	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5336.080	7.38	40.48	47.86	54.00	-6.14	AVG
2	5350.000	2.55	40.49	43.04	54.00	-10.96	AVG
3	5460.000	2.89	40.62	43.51	54.00	-10.49	AVG
4	5925.000	3.78	41.80	45.58	54.00	-8.42	AVG

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

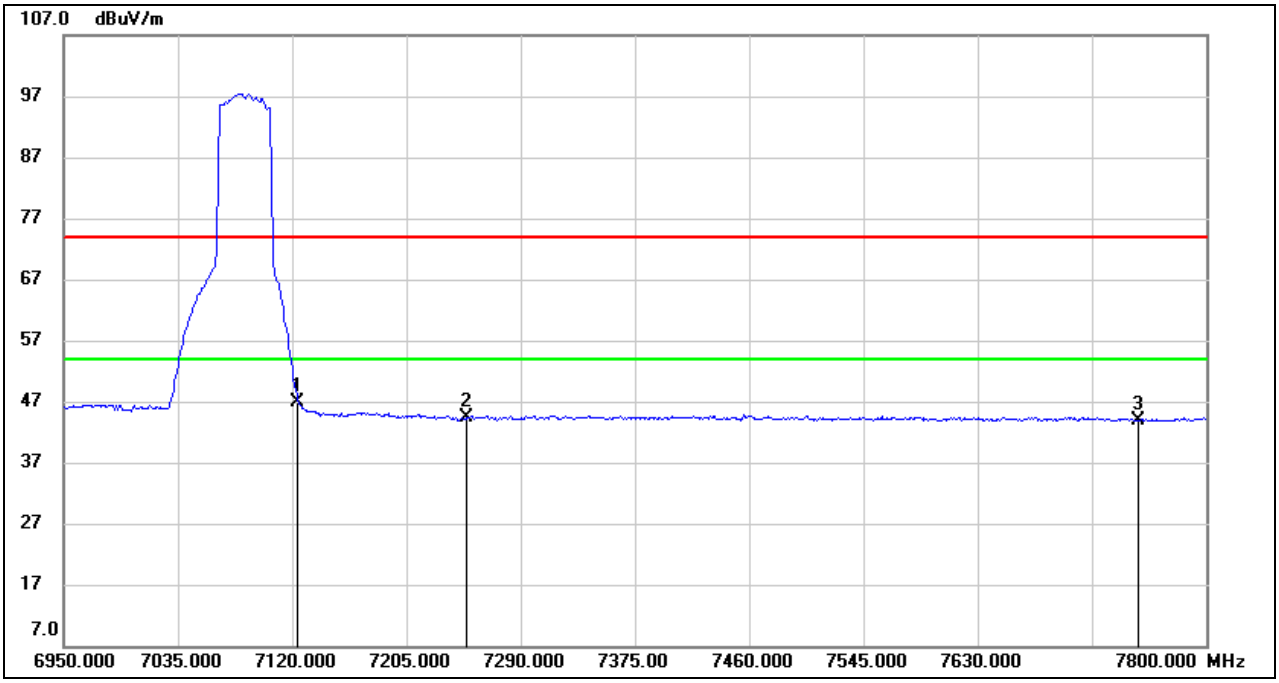
Test Mode:	802.11ax HE40 Peak	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	14.26	45.36	59.62	74.00	-14.38	peak
2	7250.000	11.80	45.27	57.07	74.00	-16.93	peak
3	7750.000	11.27	45.08	56.35	74.00	-17.65	peak

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

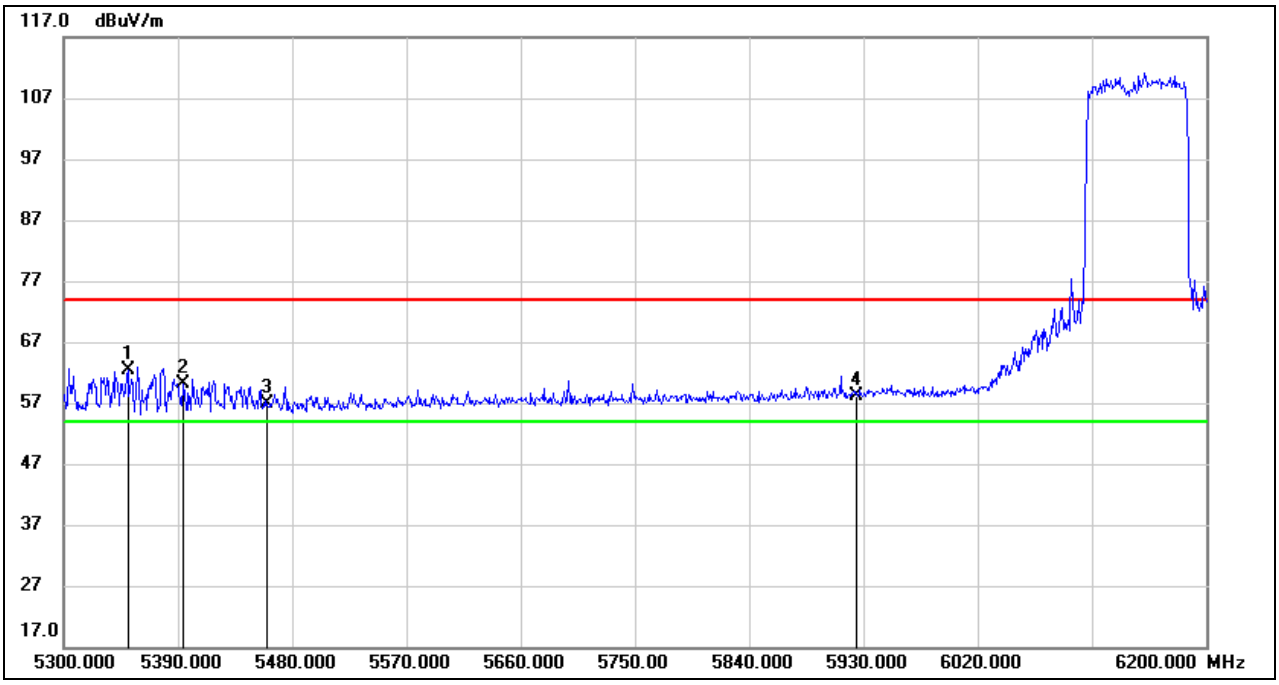
Test Mode:	802.11ax HE40 Average	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	1.61	45.36	46.97	54.00	-7.03	AVG
2	7250.000	-1.01	45.27	44.26	54.00	-9.74	AVG
3	7750.000	-1.21	45.08	43.87	54.00	-10.13	AVG

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

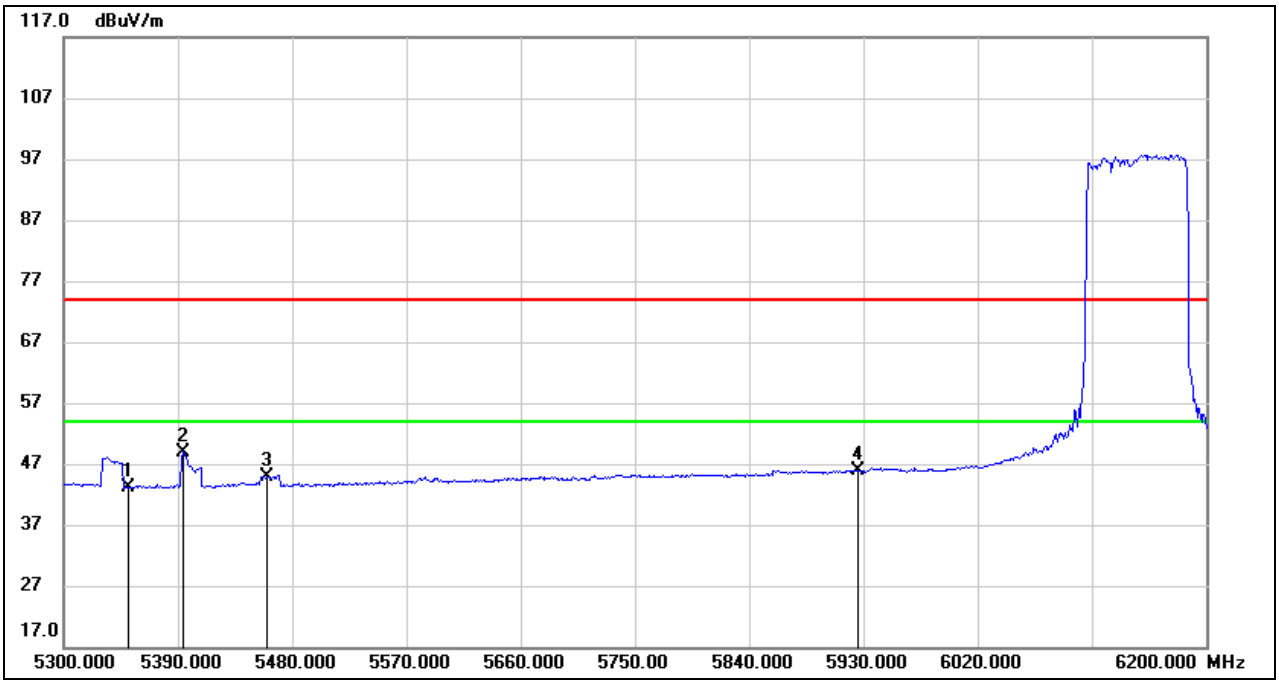
Test Mode:	802.11ax HE80 Peak	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	21.85	40.49	62.34	74.00	-11.66	peak
2	5394.500	19.59	40.54	60.13	74.00	-13.87	peak
3	5460.000	16.37	40.62	56.99	74.00	-17.01	peak
4	5925.000	16.32	41.80	58.12	74.00	-15.88	peak

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

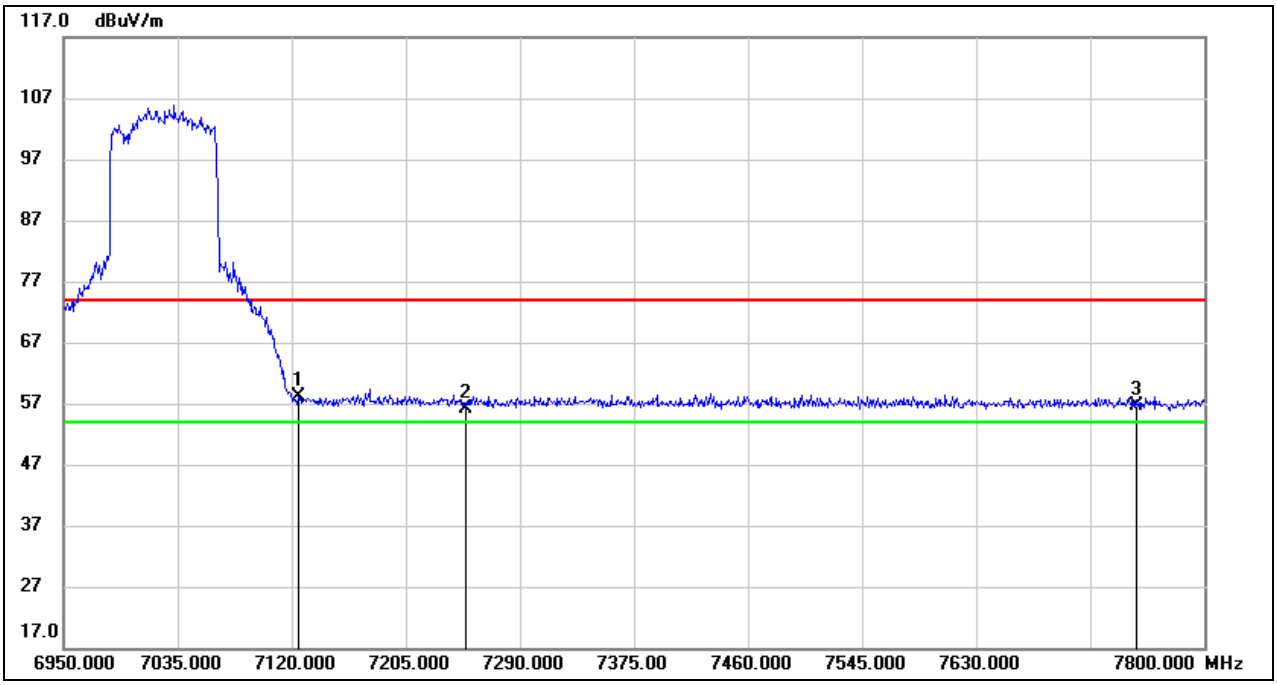
Test Mode:	802.11ax HE80 Average	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	2.61	40.49	43.10	54.00	-10.90	AVG
2	5394.500	8.46	40.54	49.00	54.00	-5.00	AVG
3	5460.000	4.19	40.62	44.81	54.00	-9.19	AVG
4	5925.000	4.01	41.80	45.81	54.00	-8.19	AVG

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

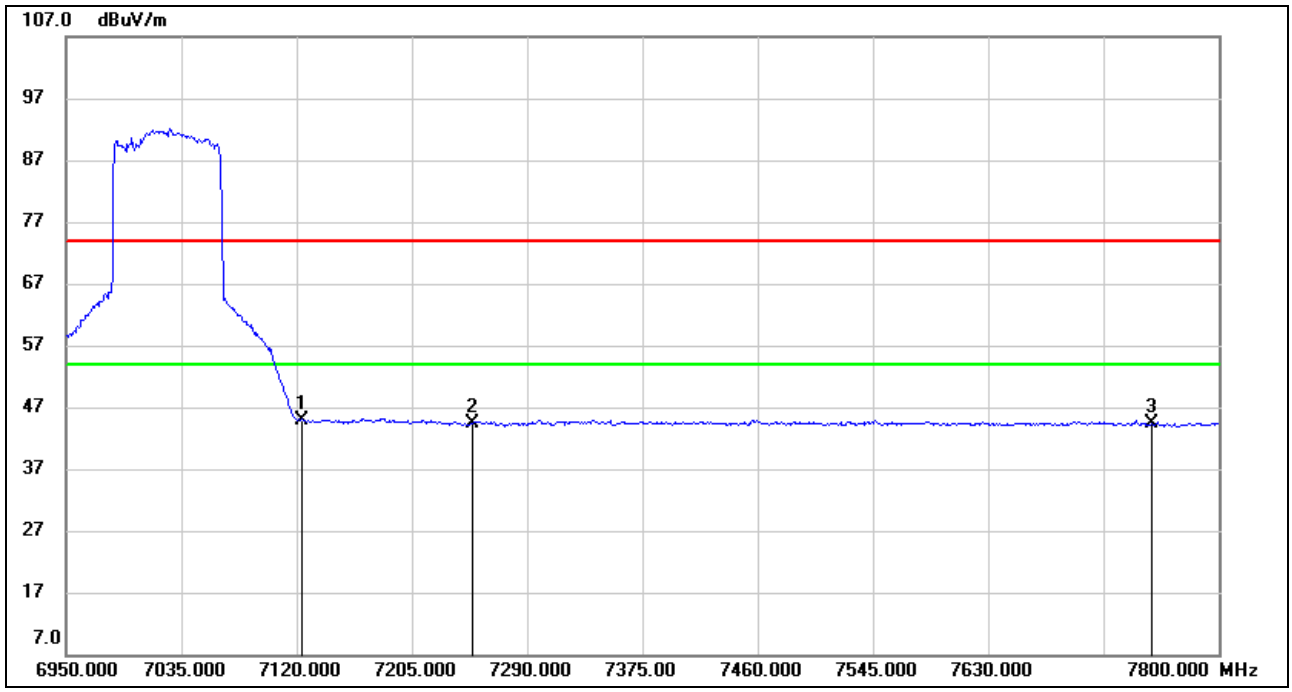
Test Mode:	802.11ax HE80 Peak	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	12.78	45.36	58.14	74.00	-15.86	peak
2	7250.000	10.94	45.27	56.21	74.00	-17.79	peak
3	7750.000	11.64	45.08	56.72	74.00	-17.28	peak

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

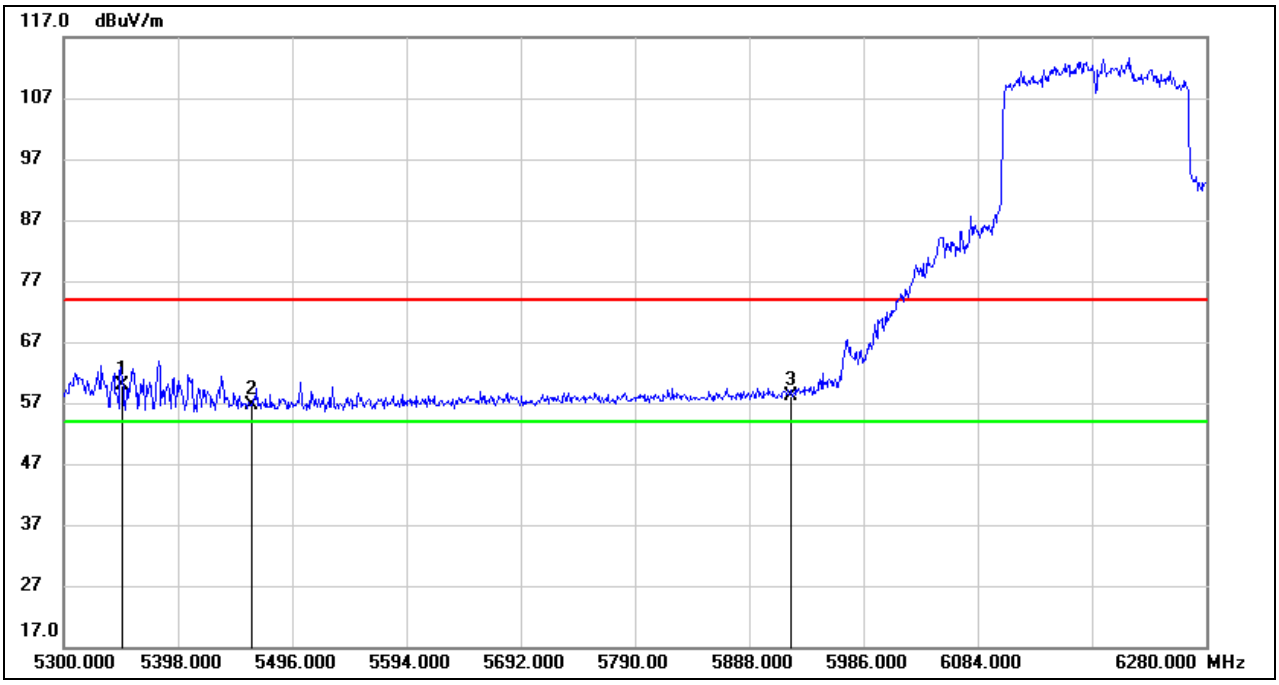
Test Mode:	802.11ax HE80 Average	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	-0.50	45.36	44.86	54.00	-9.14	AVG
2	7250.000	-0.94	45.27	44.33	54.00	-9.67	AVG
3	7750.000	-0.82	45.08	44.26	54.00	-9.74	AVG

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

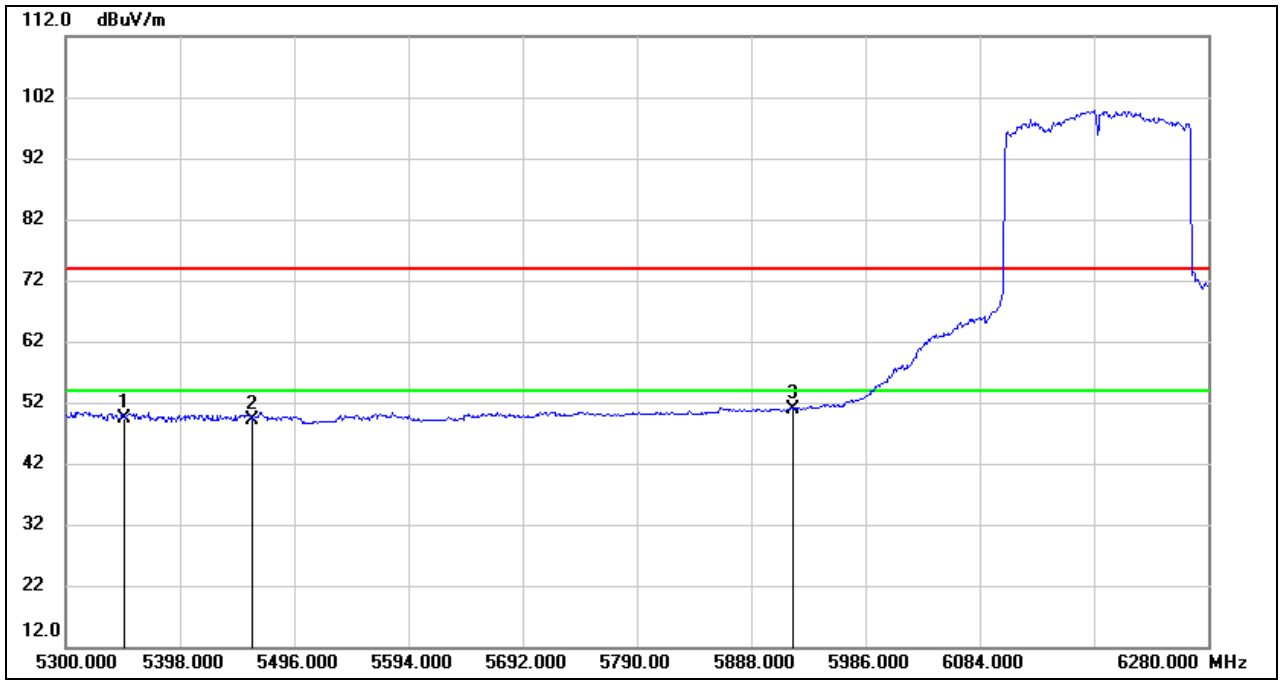
Test Mode:	802.11ax HE160 Peak	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	19.34	40.49	59.83	74.00	-14.17	peak
2	5460.000	16.10	40.62	56.72	74.00	-17.28	peak
3	5925.000	16.39	41.80	58.19	74.00	-15.81	peak

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

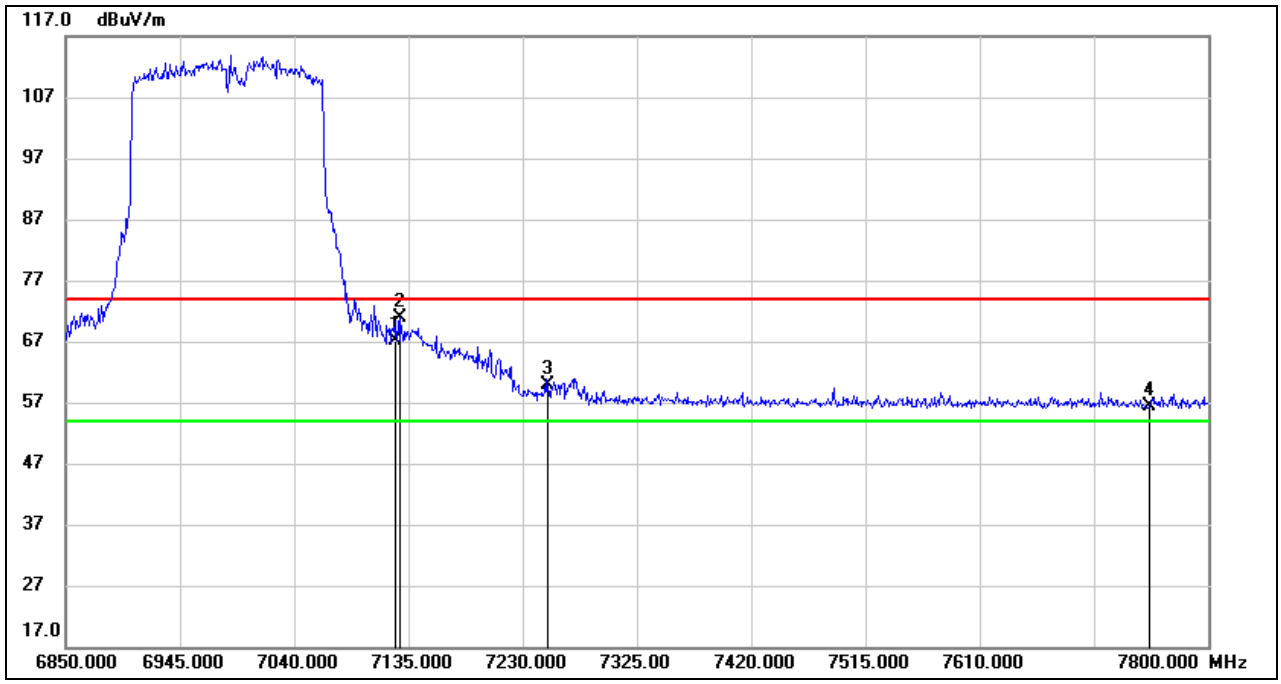
Test Mode:	802.11ax HE160 Average	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5350.000	8.94	40.49	49.43	54.00	-4.57	AVG
2	5460.000	8.49	40.62	49.11	54.00	-4.89	AVG
3	5925.000	9.08	41.80	50.88	54.00	-3.12	AVG

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

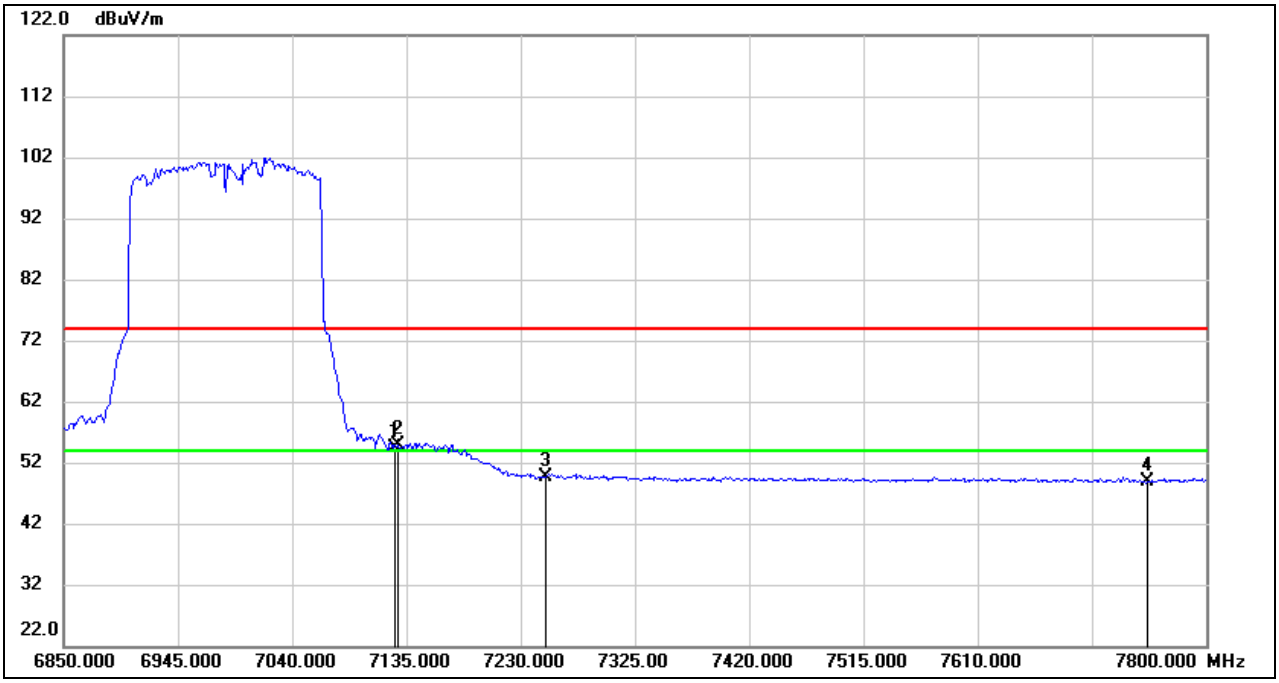
Test Mode:	802.11ax HE160 Peak	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	21.84	45.36	67.20	74.00	-6.80	peak
2	7127.400	25.47	45.36	70.83	74.00	-3.17	peak
3	7250.000	14.68	45.27	59.95	74.00	-14.05	peak
4	7750.000	11.40	45.08	56.48	74.00	-17.52	peak

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:	802.11ax HE160 Average	Channel:	6985 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V

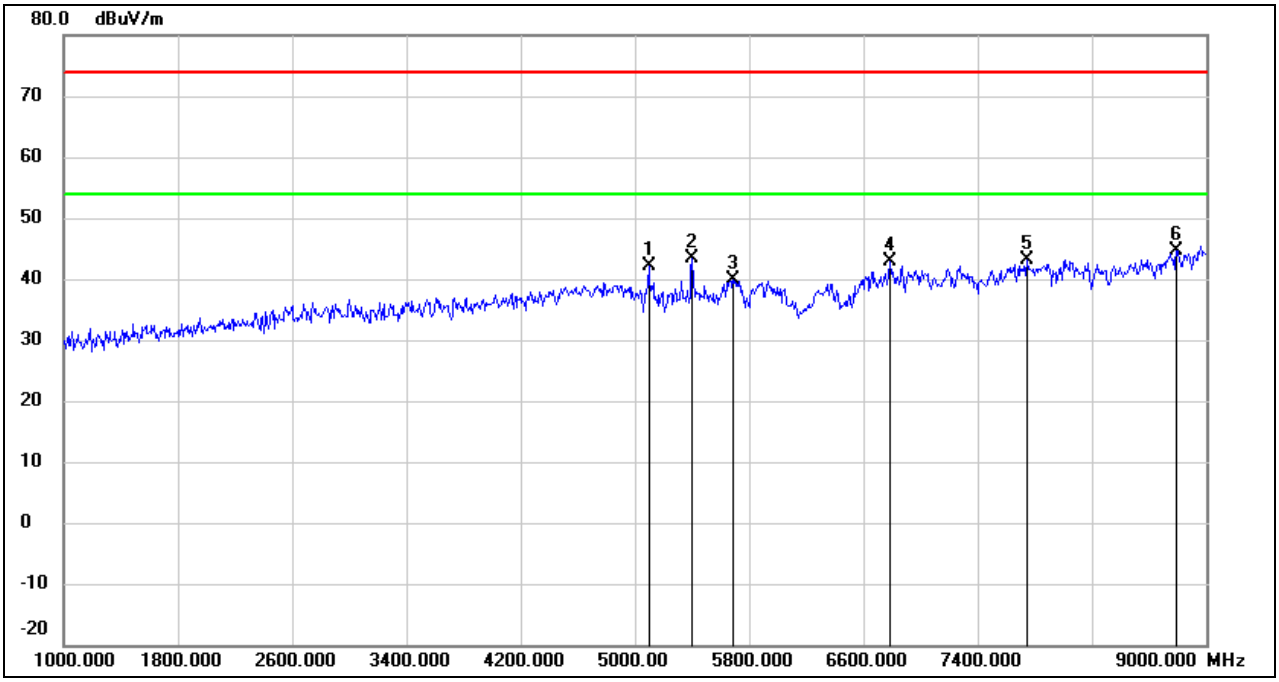


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7125.000	9.14	45.36	54.50	68.20	-13.70	AVG
2	7127.400	9.51	45.36	54.87	68.20	-13.33	AVG
3	7250.000	4.40	45.27	49.67	54.00	-4.33	AVG
4	7750.000	3.85	45.08	48.93	54.00	-5.07	AVG

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

8.2. SPURIOUS EMISSIONS (1 GHz ~ 9 GHz)

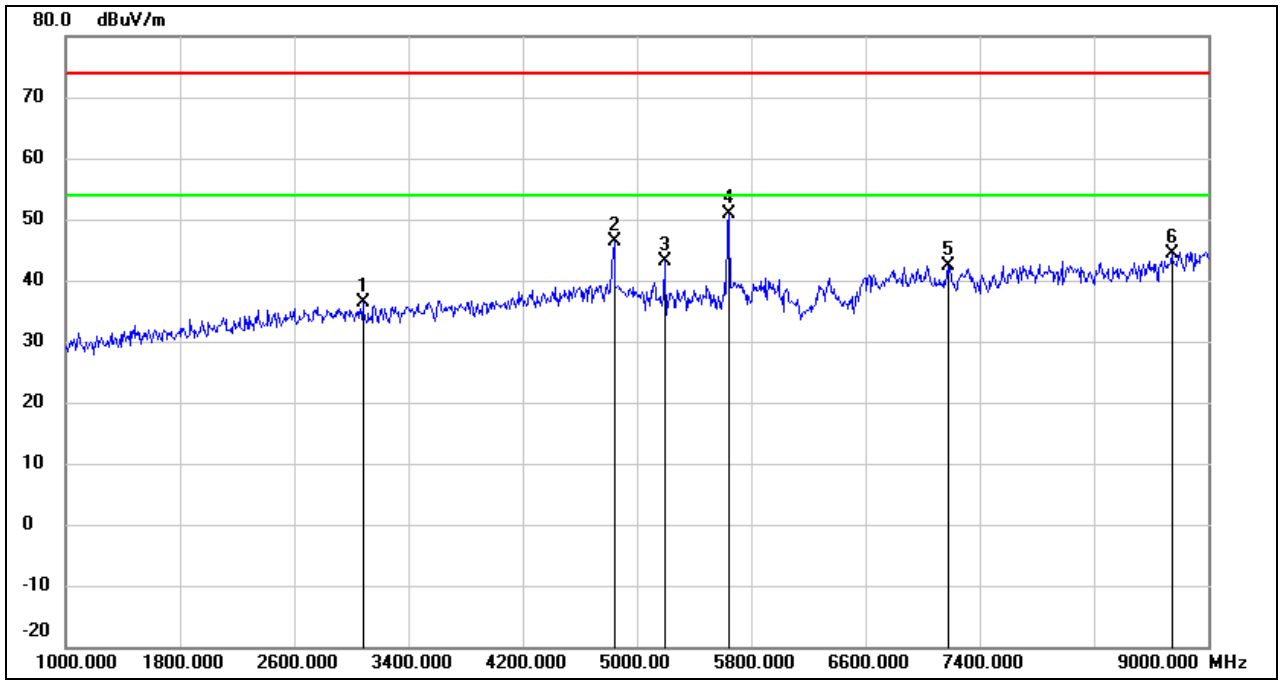
Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.000	42.10	-0.04	42.06	74.00	-31.94	peak
2	5400.000	43.07	0.31	43.38	74.00	-30.62	peak
3	5688.000	38.86	0.96	39.82	74.00	-34.18	peak
4	6784.000	37.85	5.13	42.98	74.00	-31.02	peak
5	7744.000	37.57	5.68	43.25	74.00	-30.75	peak
6	8792.000	36.28	8.28	44.56	74.00	-29.44	peak

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

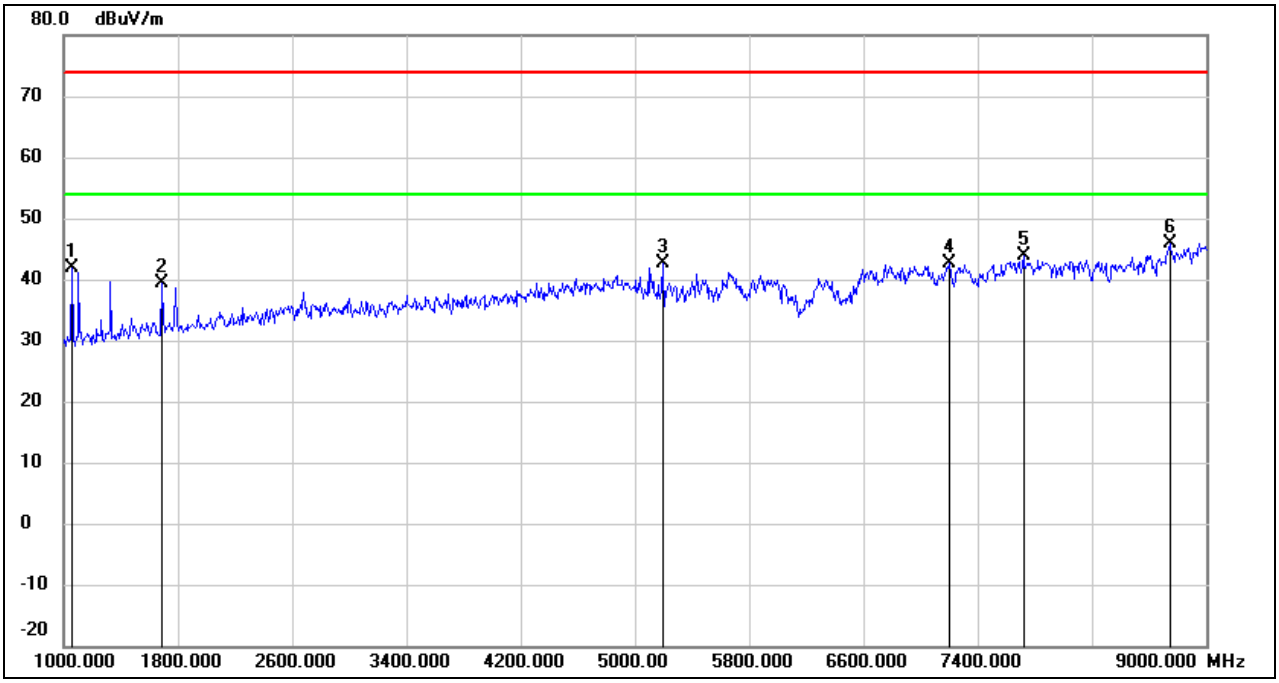
Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3080.000	43.29	-6.80	36.49	74.00	-37.51	peak
2	4840.000	47.26	-0.78	46.48	74.00	-27.52	peak
3	5192.000	43.14	0.07	43.21	74.00	-30.79	peak
4	5640.000	50.18	0.82	51.00	74.00	-23.00	peak
5	7176.000	36.34	6.02	42.36	74.00	-31.64	peak
6	8744.000	36.55	7.94	44.49	74.00	-29.51	peak

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

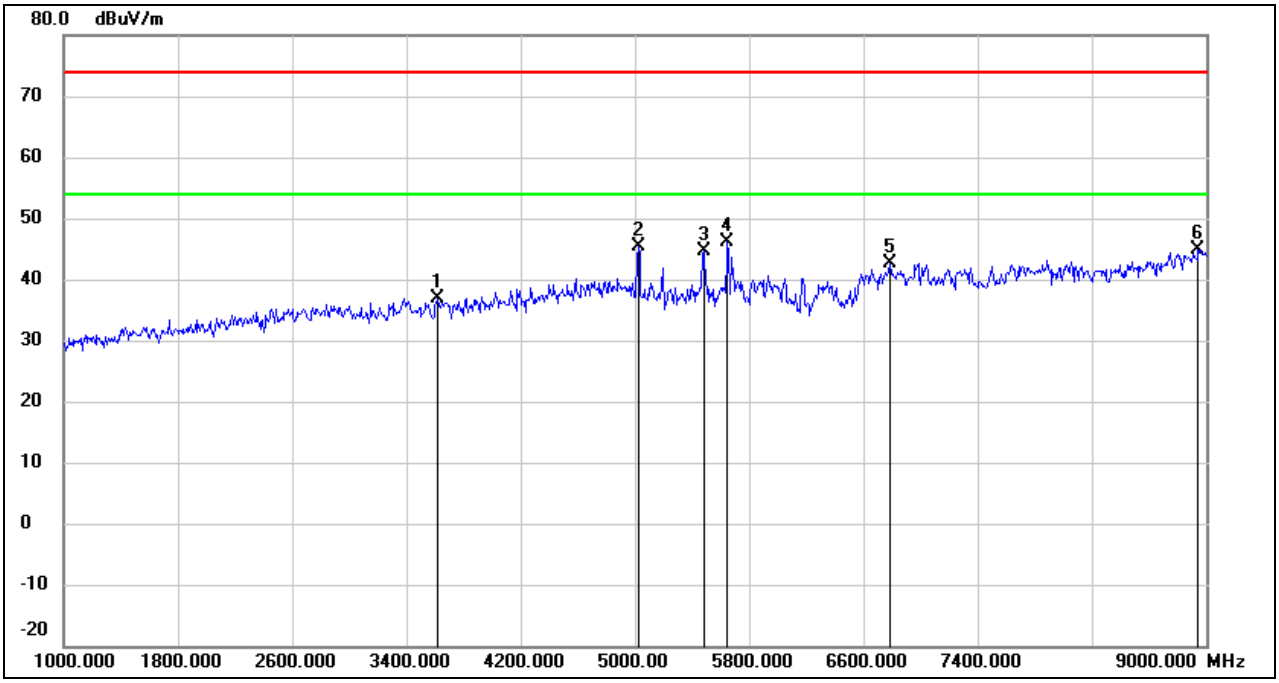
Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	1056.000	56.77	-14.77	42.00	74.00	-32.00	peak
2	1688.000	51.55	-12.09	39.46	74.00	-34.54	peak
3	5192.000	42.47	0.07	42.54	74.00	-31.46	peak
4	7200.000	36.62	6.00	42.62	74.00	-31.38	peak
5	7720.000	38.16	5.67	43.83	74.00	-30.17	peak
6	8744.000	37.96	7.94	45.90	74.00	-28.10	peak

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

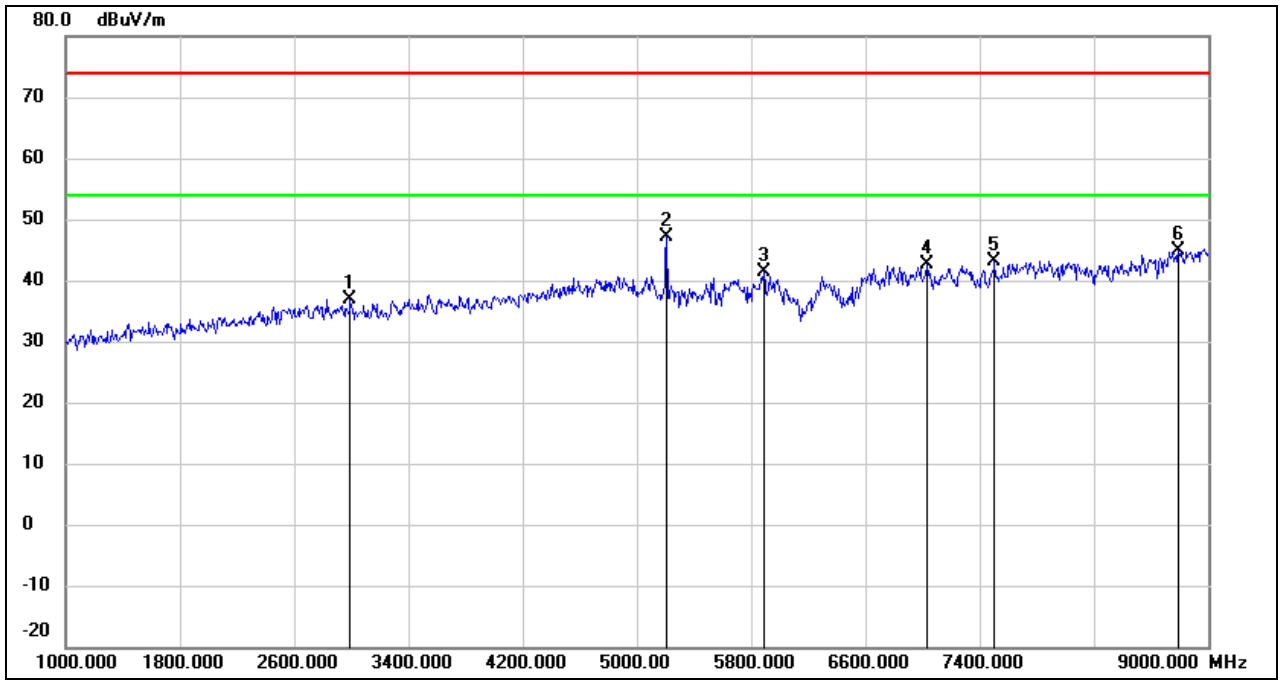
Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3616.000	42.40	-5.53	36.87	74.00	-37.13	peak
2	5024.000	45.41	-0.12	45.29	74.00	-28.71	peak
3	5488.000	44.10	0.41	44.51	74.00	-29.49	peak
4	5648.000	45.29	0.84	46.13	74.00	-27.87	peak
5	6784.000	37.52	5.13	42.65	74.00	-31.35	peak
6	8944.000	35.42	9.35	44.77	74.00	-29.23	peak

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

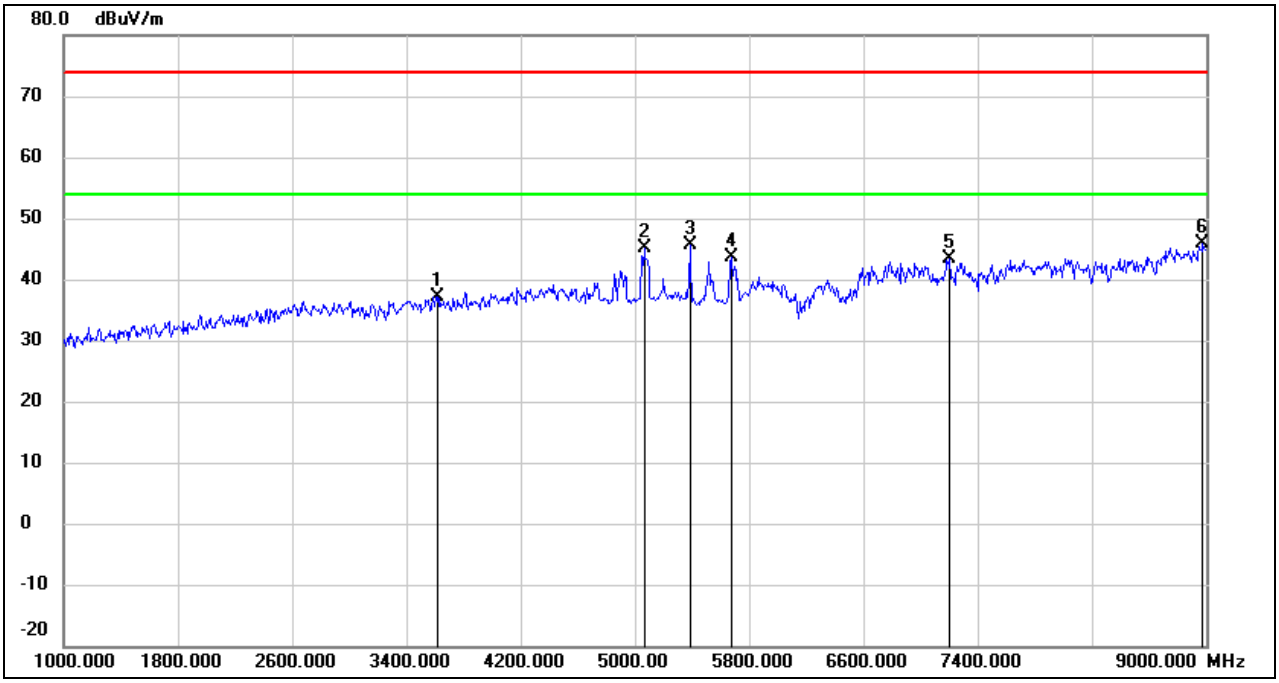
Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2992.000	43.91	-7.00	36.91	74.00	-37.09	peak
2	5208.000	47.14	0.09	47.23	74.00	-26.77	peak
3	5888.000	39.96	1.53	41.49	74.00	-32.51	peak
4	7032.000	36.51	6.17	42.68	74.00	-31.32	peak
5	7504.000	37.41	5.69	43.10	74.00	-30.90	peak
6	8792.000	36.71	8.28	44.99	74.00	-29.01	peak

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

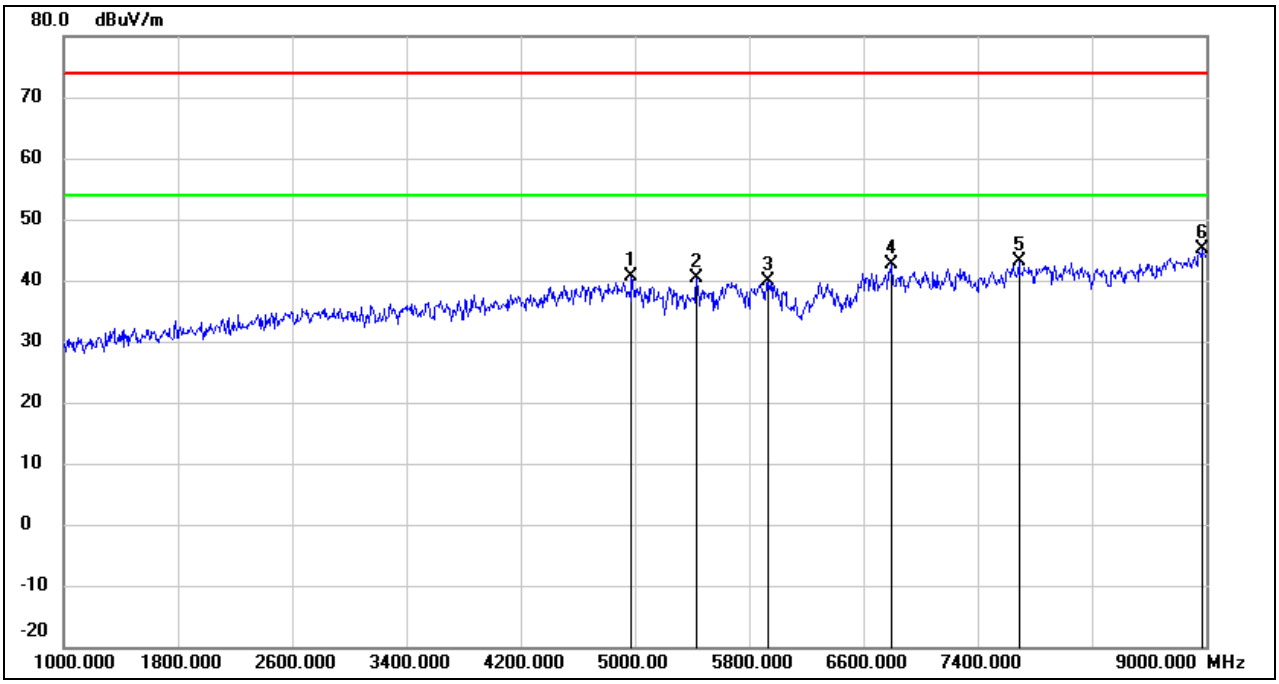
Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3616.000	42.71	-5.53	37.18	74.00	-36.82	peak
2	5064.000	45.25	-0.07	45.18	74.00	-28.82	peak
3	5384.000	45.45	0.29	45.74	74.00	-28.26	peak
4	5672.000	42.61	0.91	43.52	74.00	-30.48	peak
5	7200.000	37.32	6.00	43.32	74.00	-30.68	peak
6	8976.000	36.20	9.57	45.77	74.00	-28.23	peak

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

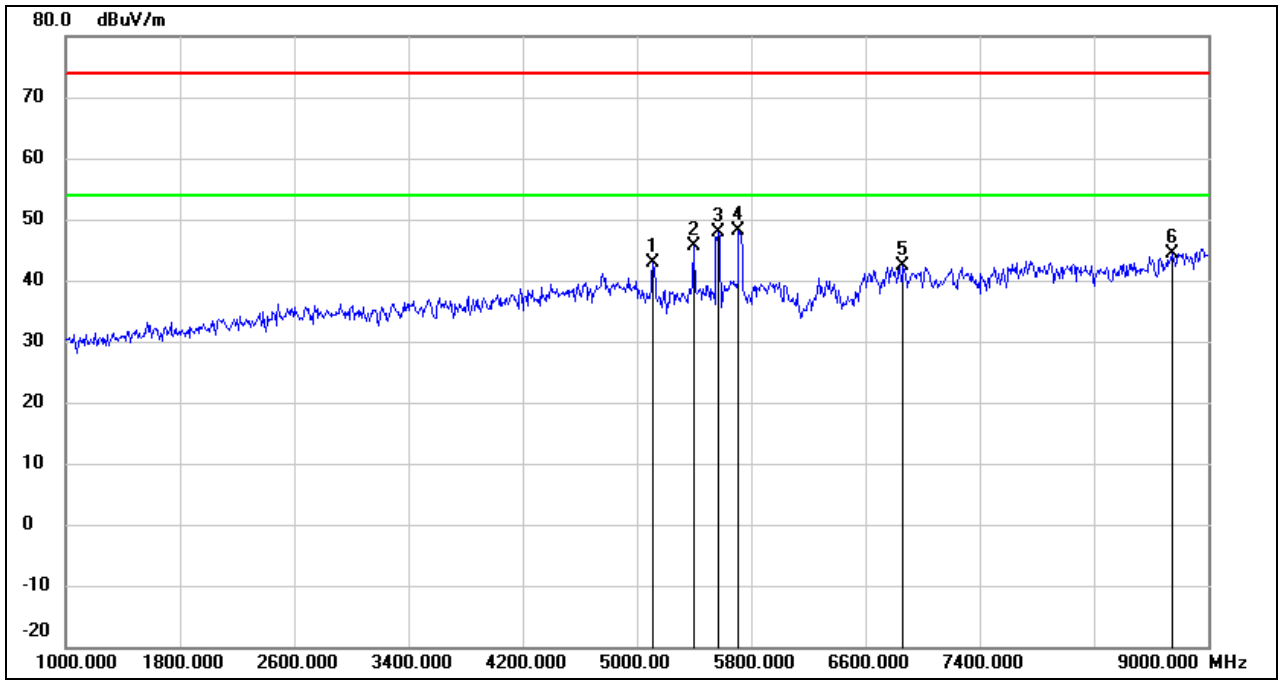
Test Mode:	802.11ax HE20	Channel:	6435 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4976.000	40.76	-0.25	40.51	74.00	-33.49	peak
2	5432.000	40.07	0.34	40.41	74.00	-33.59	peak
3	5928.000	38.12	1.64	39.76	74.00	-34.24	peak
4	6800.000	37.45	5.21	42.66	74.00	-31.34	peak
5	7688.000	37.43	5.67	43.10	74.00	-30.90	peak
6	8968.000	35.55	9.51	45.06	74.00	-28.94	peak

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

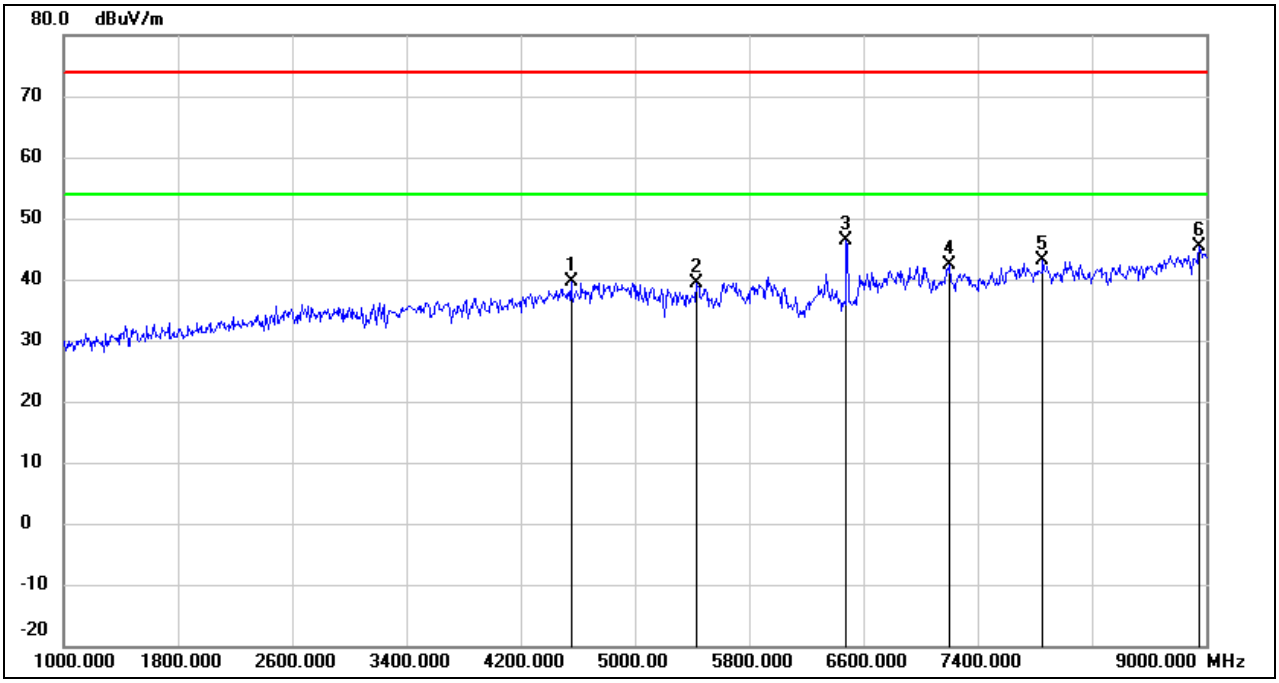
Test Mode:	802.11ax HE20	Channel:	6435 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.000	42.79	-0.03	42.76	74.00	-31.24	peak
2	5400.000	45.35	0.31	45.66	74.00	-28.34	peak
3	5568.000	47.29	0.62	47.91	74.00	-26.09	peak
4	5712.000	47.20	1.02	48.22	74.00	-25.78	peak
5	6864.000	36.85	5.53	42.38	74.00	-31.62	peak
6	8744.000	36.55	7.94	44.49	74.00	-29.51	peak

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

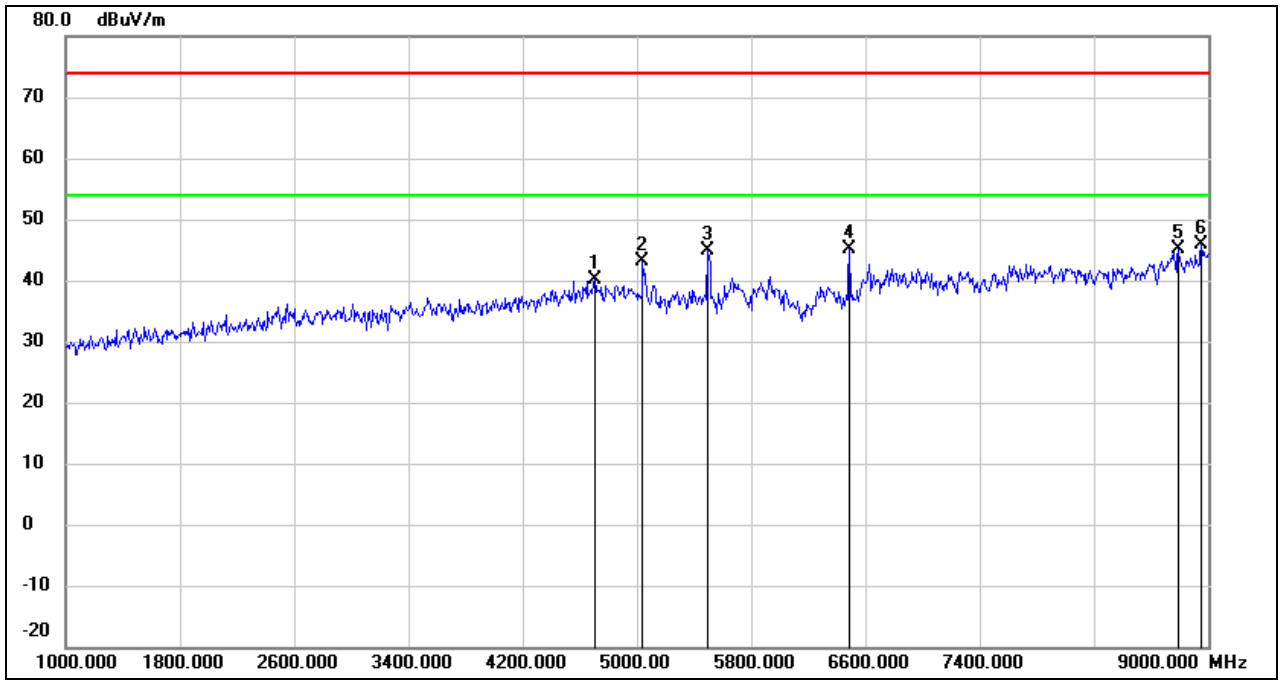
Test Mode:	802.11ax HE20	Channel:	6475 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4552.000	41.57	-1.93	39.64	74.00	-34.36	peak
2	5432.000	39.15	0.34	39.49	74.00	-34.51	peak
3	6480.000	42.71	3.64	46.35	74.00	-27.65	peak
4	7200.000	36.30	6.00	42.30	74.00	-31.70	peak
5	7856.000	37.55	5.65	43.20	74.00	-30.80	peak
6	8952.000	35.94	9.40	45.34	74.00	-28.66	peak

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

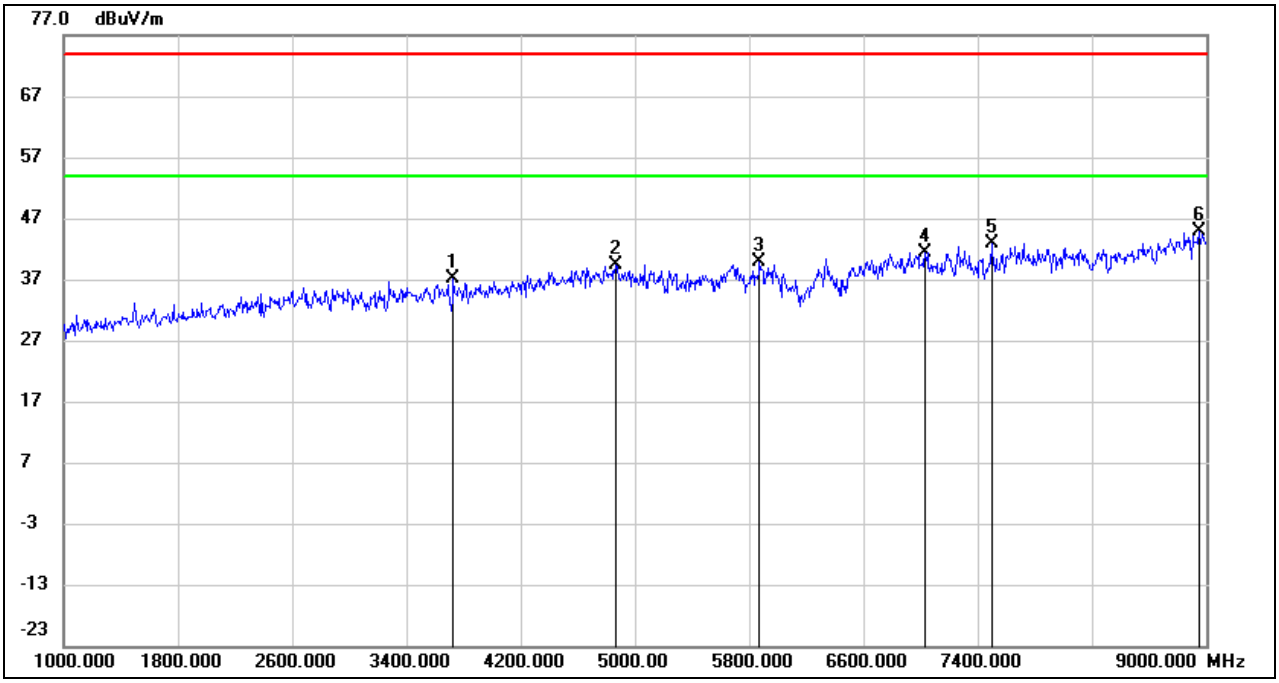
Test Mode:	802.11ax HE20	Channel:	6475 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4704.000	41.53	-1.33	40.20	74.00	-33.80	peak
2	5040.000	43.27	-0.11	43.16	74.00	-30.84	peak
3	5496.000	44.37	0.41	44.78	74.00	-29.22	peak
4	6488.000	41.49	3.67	45.16	74.00	-28.84	peak
5	8792.000	36.97	8.28	45.25	74.00	-28.75	peak
6	8952.000	36.39	9.40	45.79	74.00	-28.21	peak

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

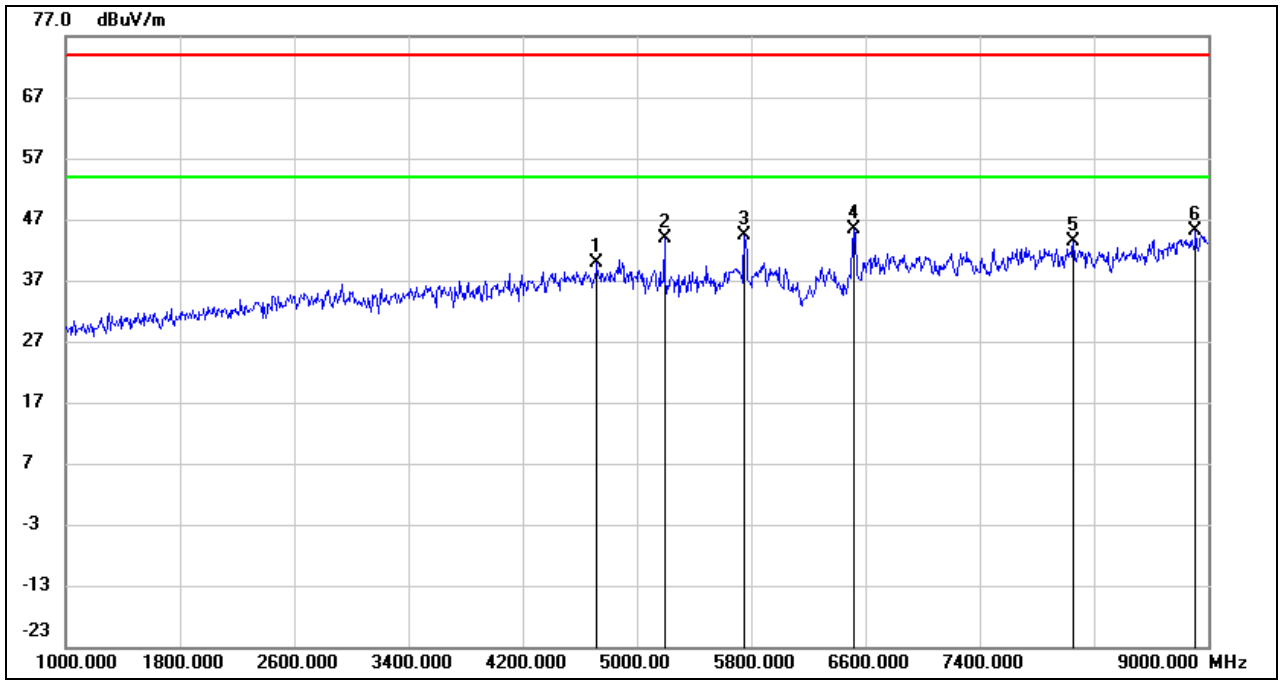
Test Mode:	802.11ax HE20	Channel:	6515 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3728.000	42.32	-5.22	37.10	74.00	-36.90	peak
2	4864.000	40.12	-0.70	39.42	74.00	-34.58	peak
3	5872.000	38.33	1.48	39.81	74.00	-34.19	peak
4	7032.000	35.31	6.17	41.48	74.00	-32.52	peak
5	7496.000	37.07	5.70	42.77	74.00	-31.23	peak
6	8952.000	35.49	9.40	44.89	74.00	-29.11	peak

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

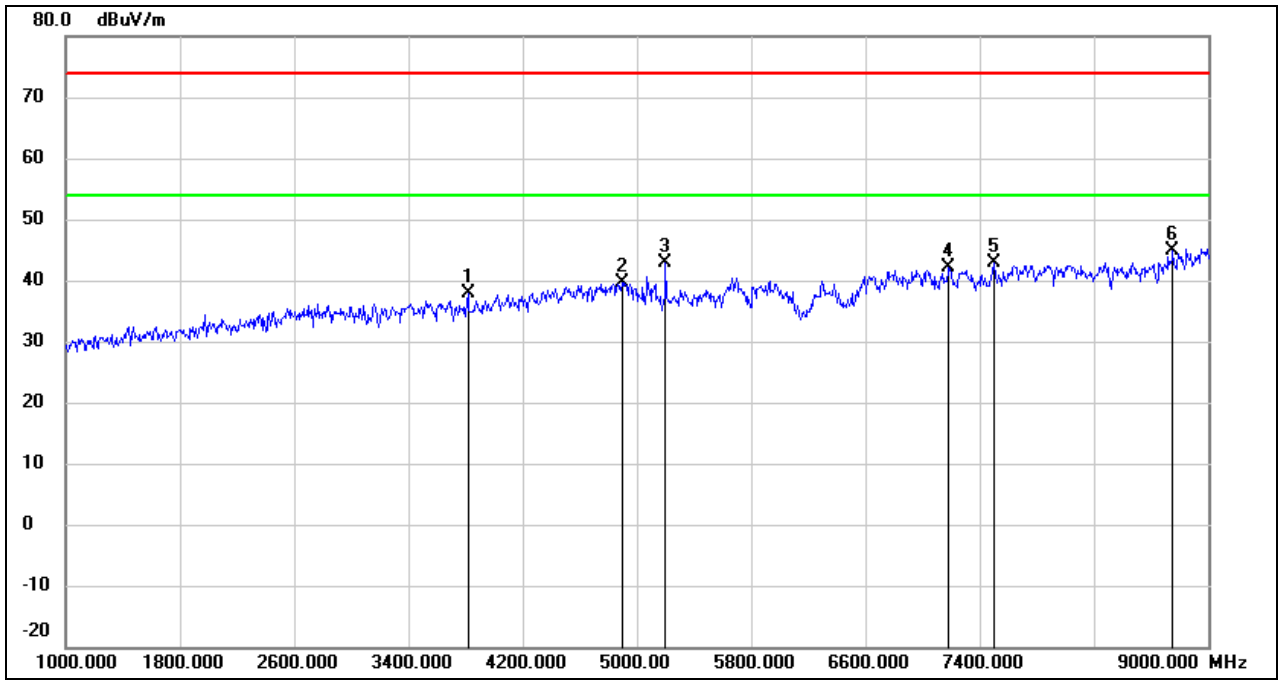
Test Mode:	802.11ax HE20	Channel:	6515 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4720.000	41.24	-1.27	39.97	74.00	-34.03	peak
2	5192.000	43.90	0.07	43.97	74.00	-30.03	peak
3	5752.000	43.27	1.14	44.41	74.00	-29.59	peak
4	6520.000	41.60	3.82	45.42	74.00	-28.58	peak
5	8056.000	37.60	5.72	43.32	74.00	-30.68	peak
6	8912.000	35.97	9.11	45.08	74.00	-28.92	peak

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

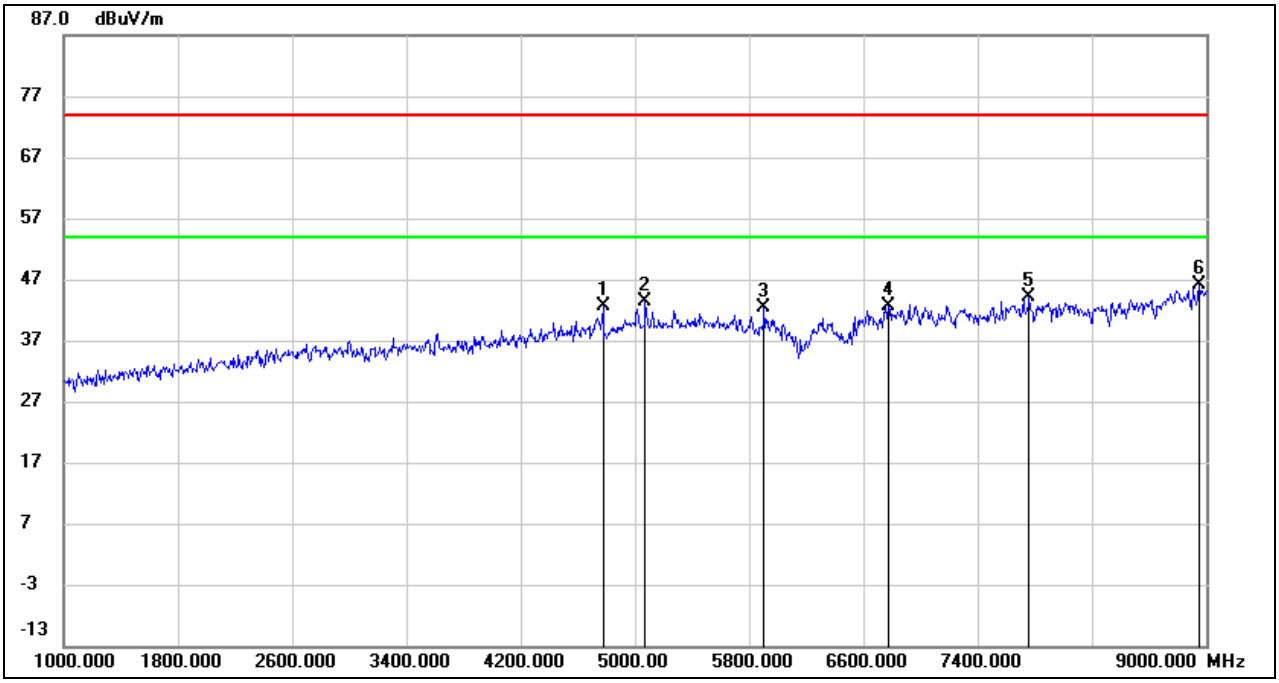
Test Mode:	802.11ax HE20	Channel:	6535 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3816.000	42.87	-4.99	37.88	74.00	-36.12	peak
2	4896.000	40.27	-0.57	39.70	74.00	-34.30	peak
3	5200.000	42.77	0.08	42.85	74.00	-31.15	peak
4	7184.000	36.05	6.01	42.06	74.00	-31.94	peak
5	7504.000	37.25	5.69	42.94	74.00	-31.06	peak
6	8752.000	36.89	8.00	44.89	74.00	-29.11	peak

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

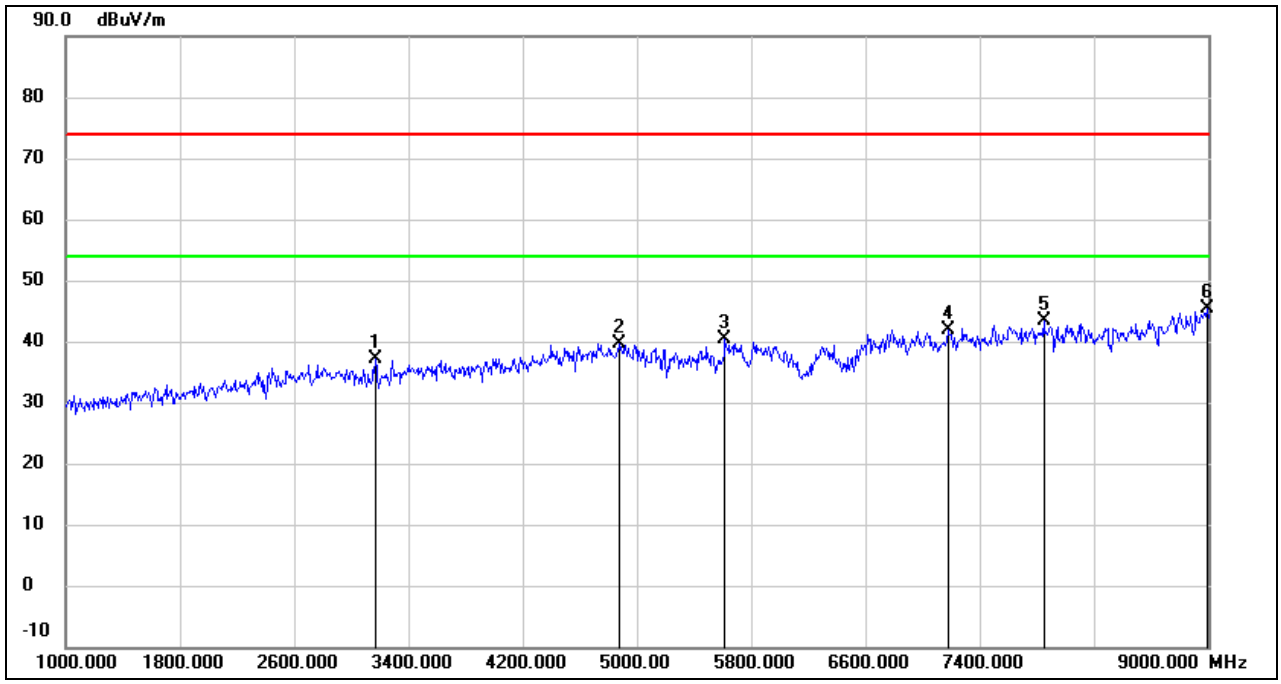
Test Mode:	802.11ax HE20	Channel:	6535 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4776.000	43.71	-1.04	42.67	74.00	-31.33	peak
2	5072.000	43.40	-0.07	43.33	74.00	-30.67	peak
3	5904.000	40.87	1.57	42.44	74.00	-31.56	peak
4	6776.000	37.56	5.10	42.66	74.00	-31.34	peak
5	7760.000	38.41	5.67	44.08	74.00	-29.92	peak
6	8952.000	36.62	9.40	46.02	74.00	-27.98	peak

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

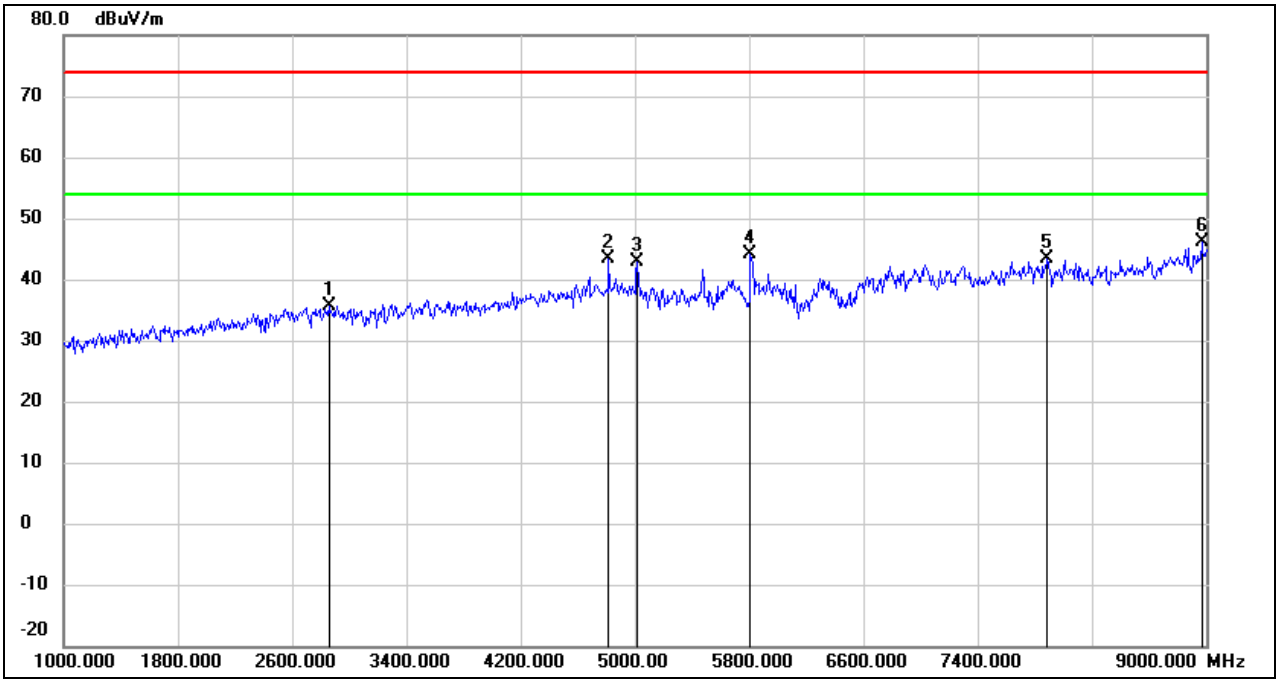
Test Mode:	802.11ax HE20	Channel:	6715 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3168.000	43.74	-6.60	37.14	74.00	-36.86	peak
2	4880.000	40.25	-0.63	39.62	74.00	-34.38	peak
3	5616.000	39.66	0.75	40.41	74.00	-33.59	peak
4	7176.000	35.96	6.02	41.98	74.00	-32.02	peak
5	7848.000	37.63	5.67	43.30	74.00	-30.70	peak
6	8992.000	35.67	9.68	45.35	74.00	-28.65	peak

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

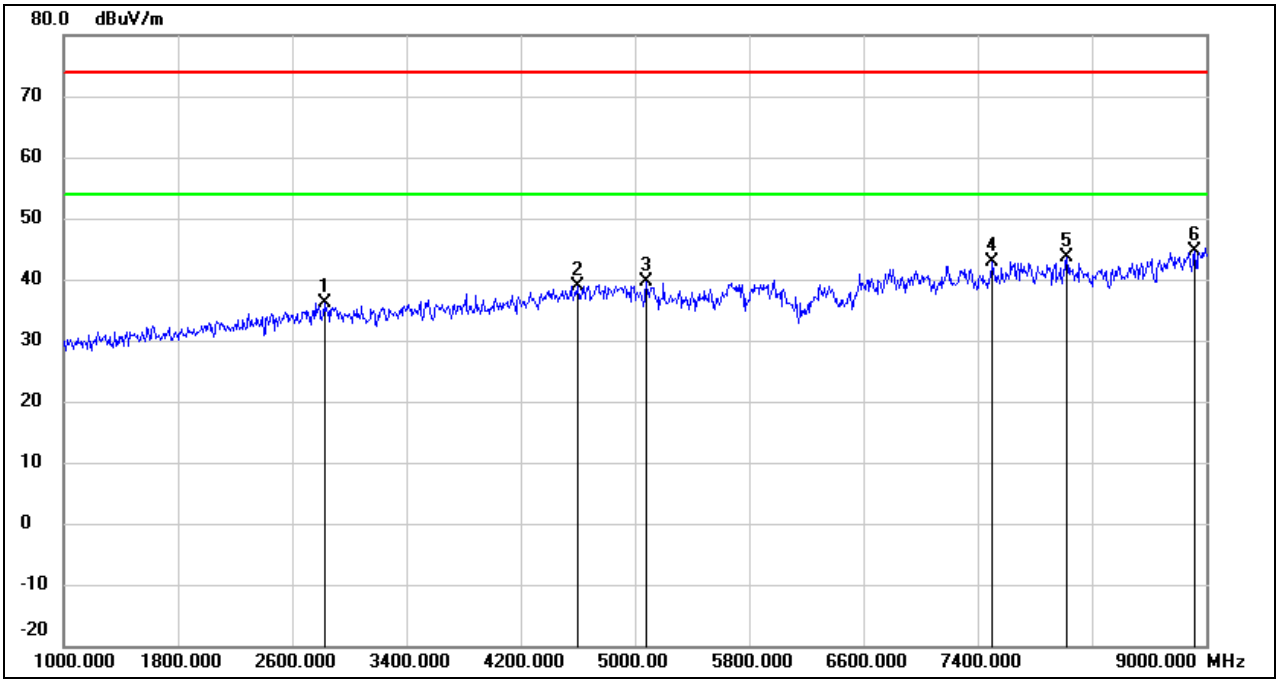
Test Mode:	802.11ax HE20	Channel:	6715 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2856.000	43.03	-7.41	35.62	74.00	-38.38	peak
2	4816.000	44.26	-0.89	43.37	74.00	-30.63	peak
3	5016.000	43.11	-0.14	42.97	74.00	-31.03	peak
4	5808.000	42.71	1.30	44.01	74.00	-29.99	peak
5	7888.000	37.62	5.65	43.27	74.00	-30.73	peak
6	8968.000	36.71	9.51	46.22	74.00	-27.78	peak

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

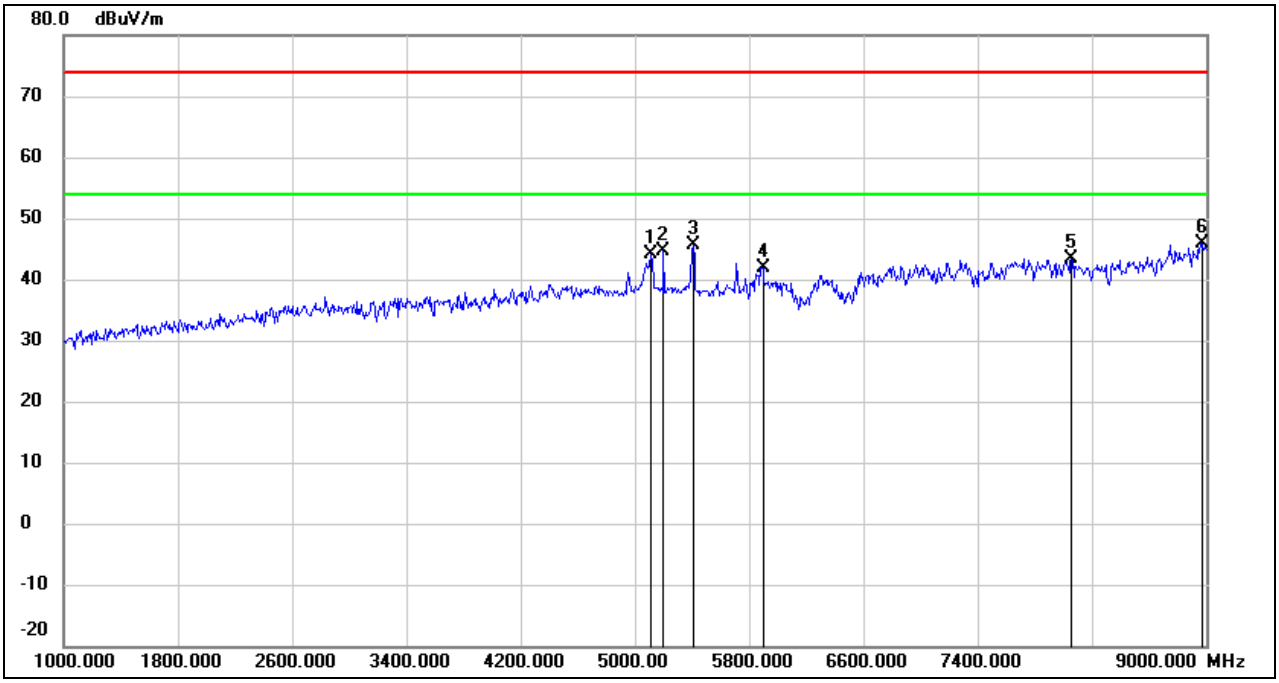
Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2824.000	43.59	-7.51	36.08	74.00	-37.92	peak
2	4600.000	40.71	-1.74	38.97	74.00	-35.03	peak
3	5080.000	39.62	-0.06	39.56	74.00	-34.44	peak
4	7504.000	37.28	5.69	42.97	74.00	-31.03	peak
5	8024.000	37.84	5.68	43.52	74.00	-30.48	peak
6	8920.000	35.50	9.17	44.67	74.00	-29.33	peak

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

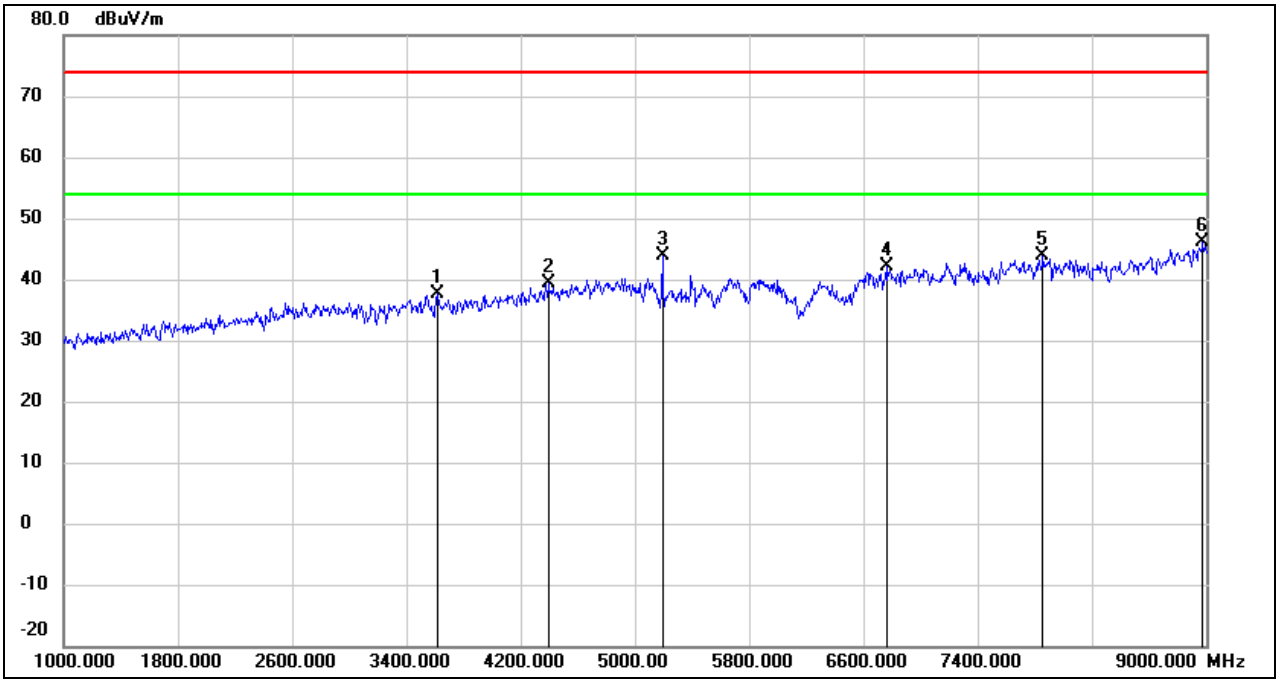
Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.000	44.17	-0.03	44.14	74.00	-29.86	peak
2	5200.000	44.62	0.08	44.70	74.00	-29.30	peak
3	5408.000	45.26	0.32	45.58	74.00	-28.42	peak
4	5896.000	40.43	1.56	41.99	74.00	-32.01	peak
5	8056.000	37.62	5.72	43.34	74.00	-30.66	peak
6	8976.000	36.31	9.57	45.88	74.00	-28.12	peak

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

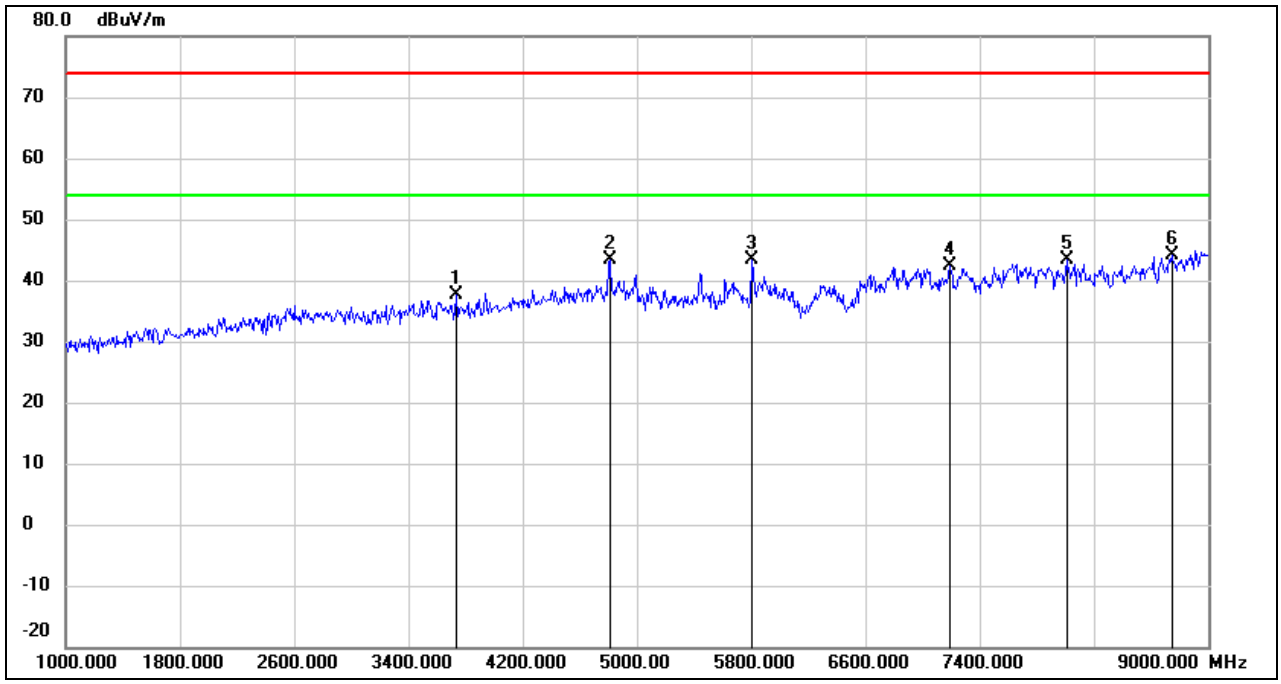
Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3616.000	43.20	-5.53	37.67	74.00	-36.33	peak
2	4392.000	41.93	-2.65	39.28	74.00	-34.72	peak
3	5192.000	43.79	0.07	43.86	74.00	-30.14	peak
4	6760.000	37.06	5.02	42.08	74.00	-31.92	peak
5	7856.000	38.27	5.65	43.92	74.00	-30.08	peak
6	8976.000	36.66	9.57	46.23	74.00	-27.77	peak

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

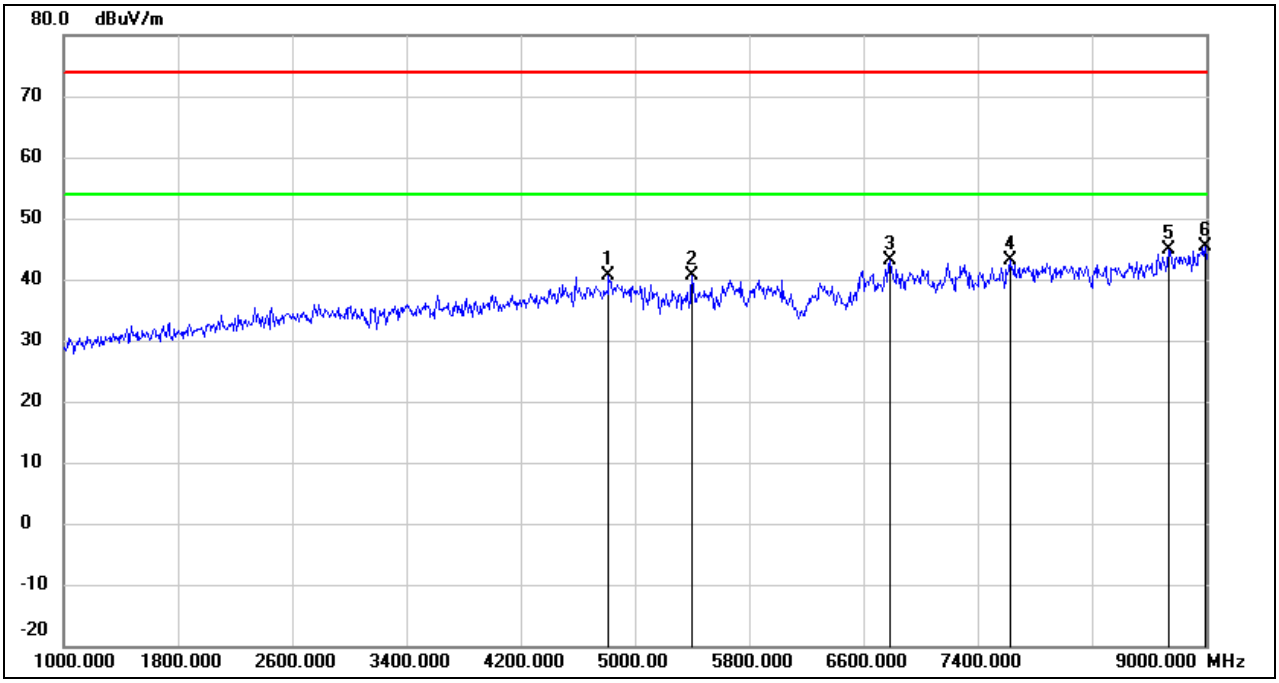
Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3736.000	42.76	-5.21	37.55	74.00	-36.45	peak
2	4808.000	44.28	-0.91	43.37	74.00	-30.63	peak
3	5808.000	42.01	1.30	43.31	74.00	-30.69	peak
4	7192.000	36.26	6.00	42.26	74.00	-31.74	peak
5	8008.000	37.67	5.66	43.33	74.00	-30.67	peak
6	8744.000	36.10	7.94	44.04	74.00	-29.96	peak

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

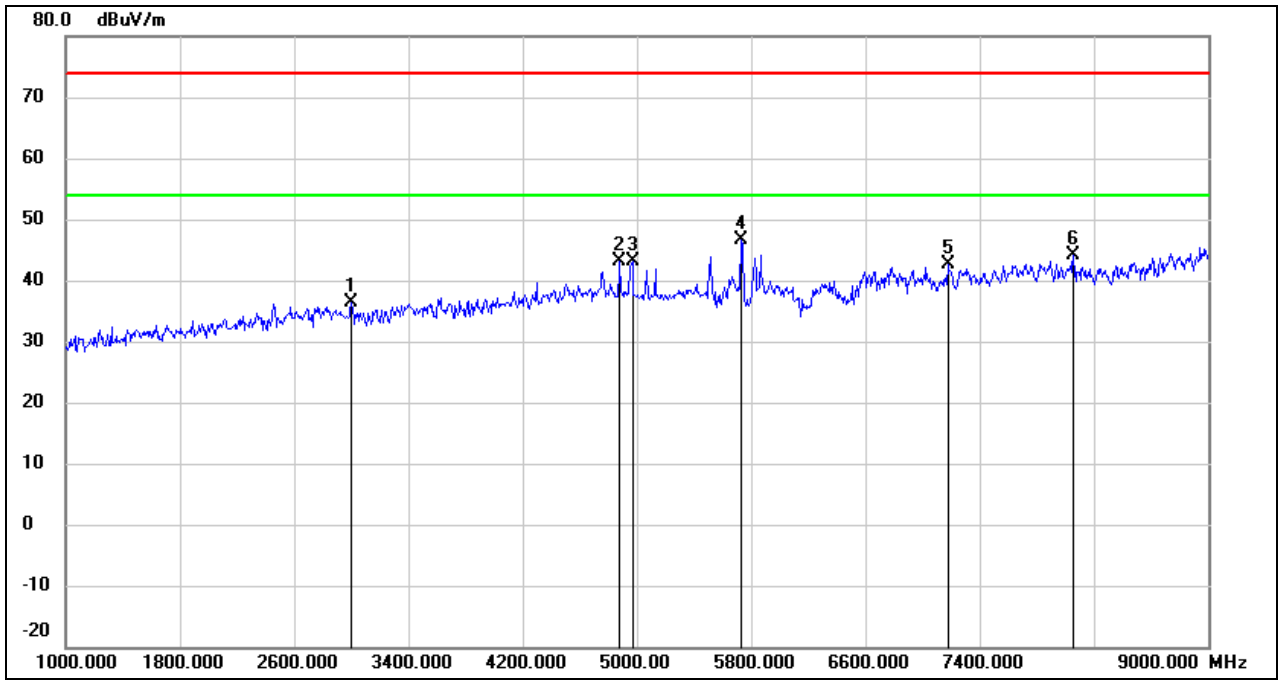
Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4816.000	41.46	-0.89	40.57	74.00	-33.43	peak
2	5400.000	40.43	0.31	40.74	74.00	-33.26	peak
3	6784.000	37.88	5.13	43.01	74.00	-30.99	peak
4	7624.000	37.54	5.68	43.22	74.00	-30.78	peak
5	8736.000	37.11	7.88	44.99	74.00	-29.01	peak
6	8992.000	35.80	9.68	45.48	74.00	-28.52	peak

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

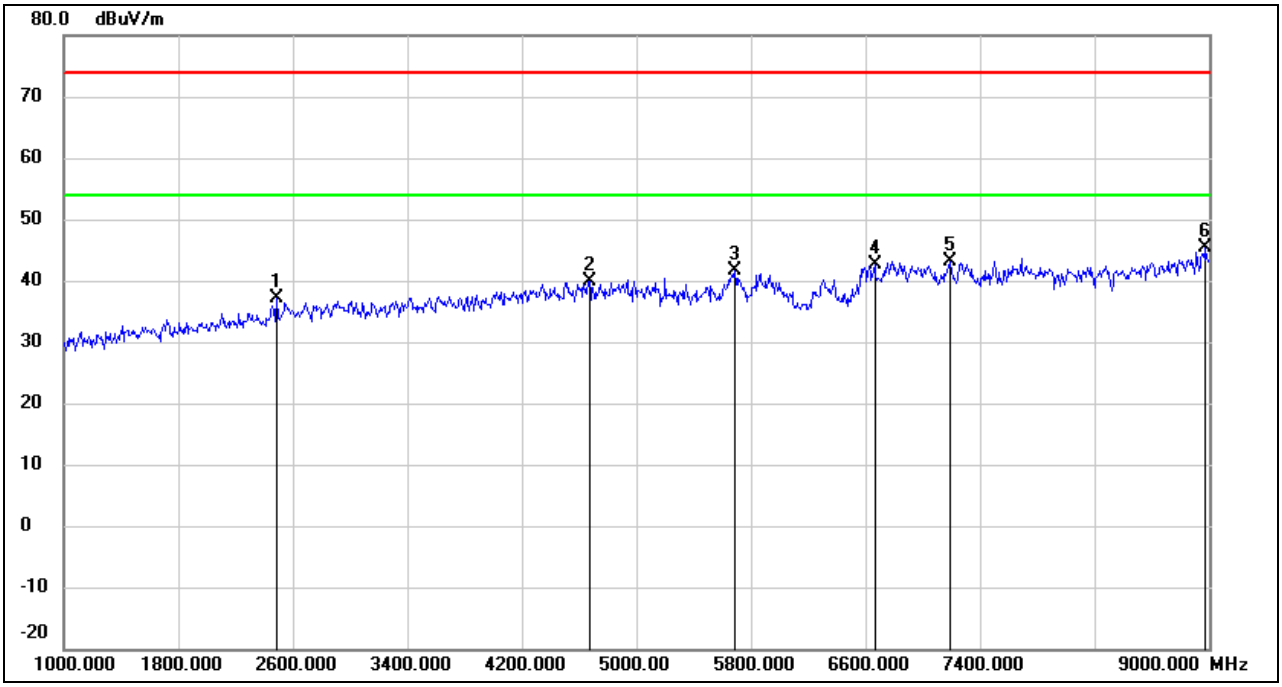
Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	3000.000	43.43	-6.98	36.45	74.00	-37.55	peak
2	4880.000	43.69	-0.63	43.06	74.00	-30.94	peak
3	4968.000	43.48	-0.27	43.21	74.00	-30.79	peak
4	5728.000	45.66	1.07	46.73	74.00	-27.27	peak
5	7176.000	36.53	6.02	42.55	74.00	-31.45	peak
6	8056.000	38.43	5.72	44.15	74.00	-29.85	peak

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

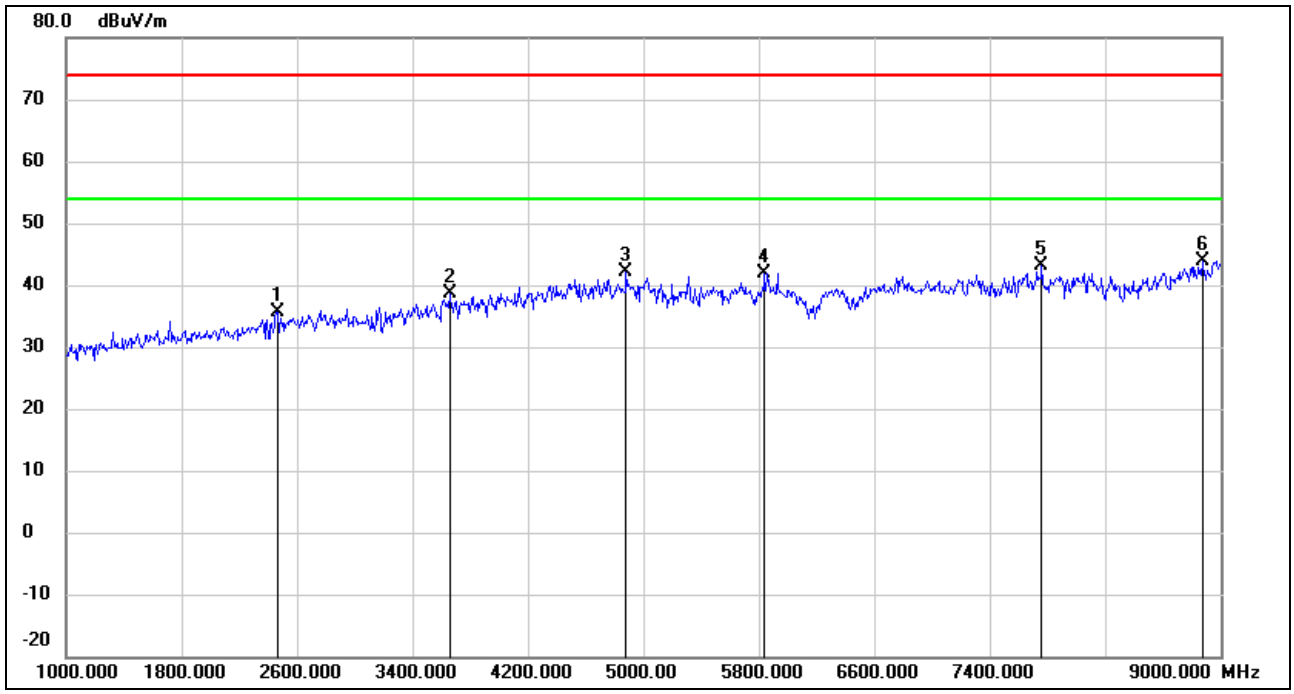
Test Mode:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2488.000	45.70	-8.55	37.15	74.00	-36.85	peak
2	4672.000	41.41	-1.46	39.95	74.00	-34.05	peak
3	5688.000	40.66	0.96	41.62	74.00	-32.38	peak
4	6664.000	38.04	4.54	42.58	74.00	-31.42	peak
5	7192.000	37.11	6.00	43.11	74.00	-30.89	peak
6	8976.000	35.73	9.57	45.30	74.00	-28.70	peak

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:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V

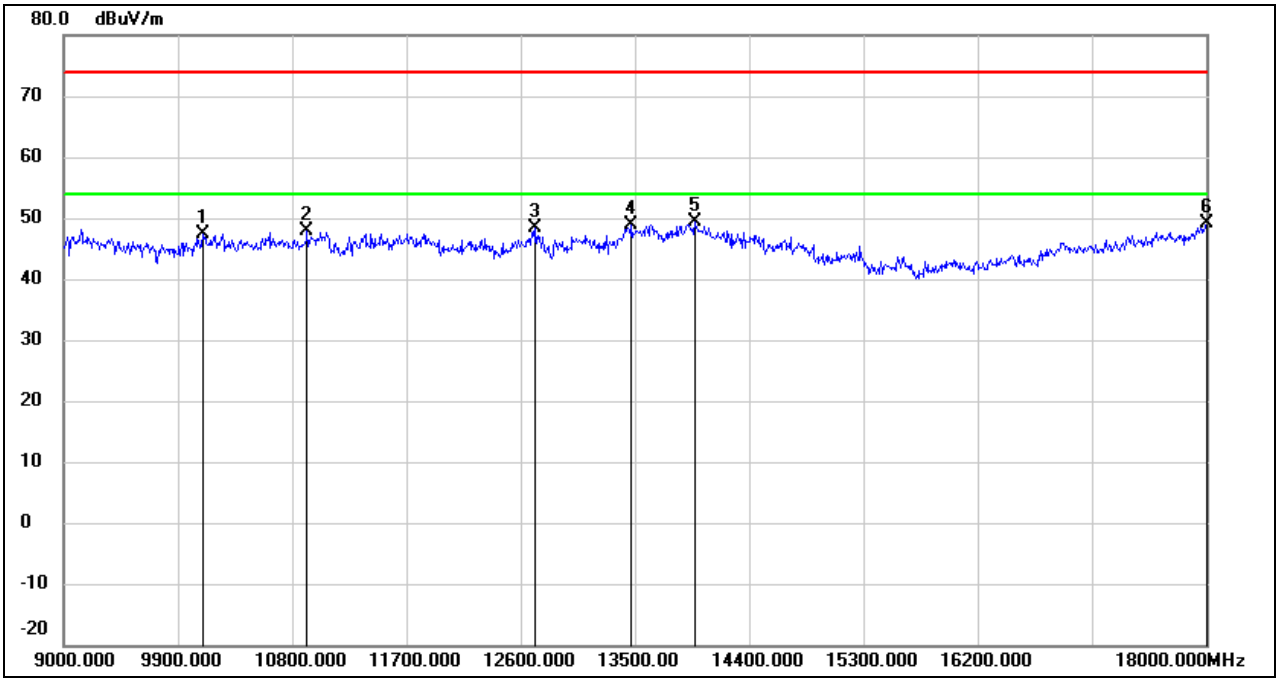


No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.000	44.31	-8.68	35.63	74.00	-38.37	peak
2	3656.000	43.93	-5.42	38.51	74.00	-35.49	peak
3	4880.000	42.78	-0.63	42.15	74.00	-31.85	peak
4	5840.000	40.54	1.39	41.93	74.00	-32.07	peak
5	7760.000	37.55	5.67	43.22	74.00	-30.78	peak
6	8872.000	35.13	8.85	43.98	74.00	-30.02	peak

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

8.3. SPURIOUS EMISSIONS (9 GHz ~ 18 GHz)

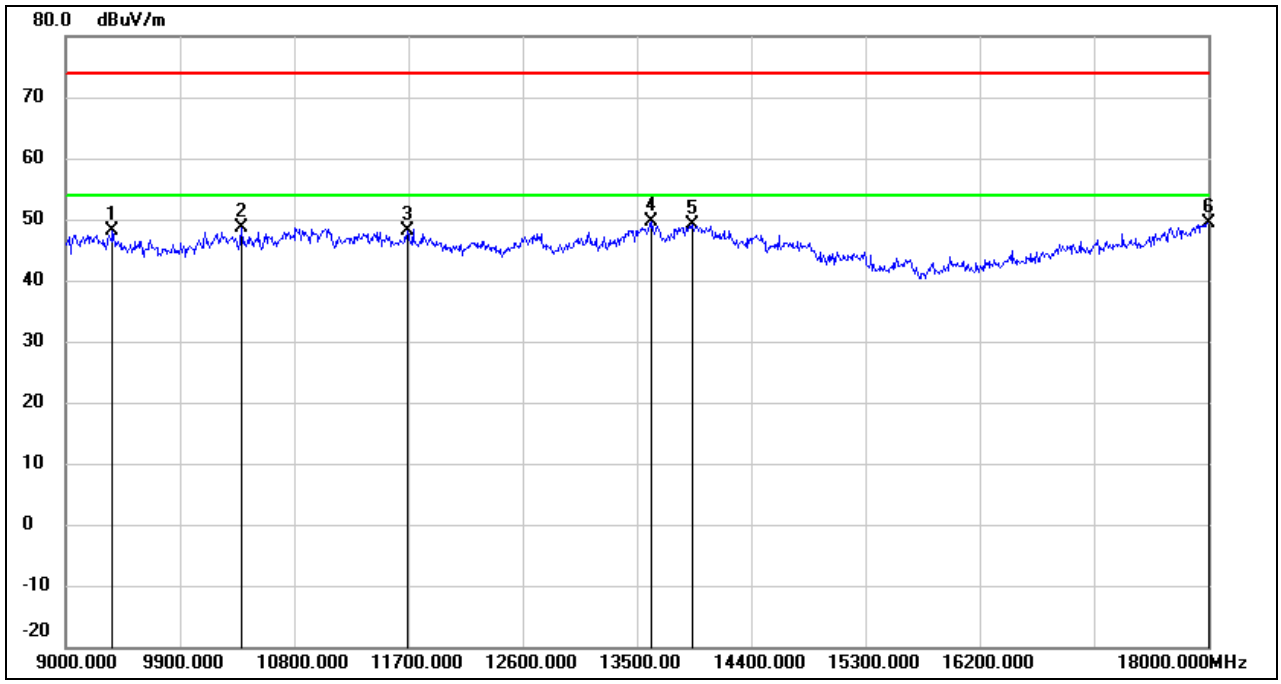
Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10098.000	35.09	12.29	47.38	74.00	-26.62	peak
2	10917.000	33.37	14.48	47.85	74.00	-26.15	peak
3	12717.000	30.23	18.11	48.34	74.00	-25.66	peak
4	13473.000	28.22	20.70	48.92	74.00	-25.08	peak
5	13968.000	27.47	21.81	49.28	74.00	-24.72	peak
6	18000.000	23.91	25.16	49.07	74.00	-24.93	peak

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

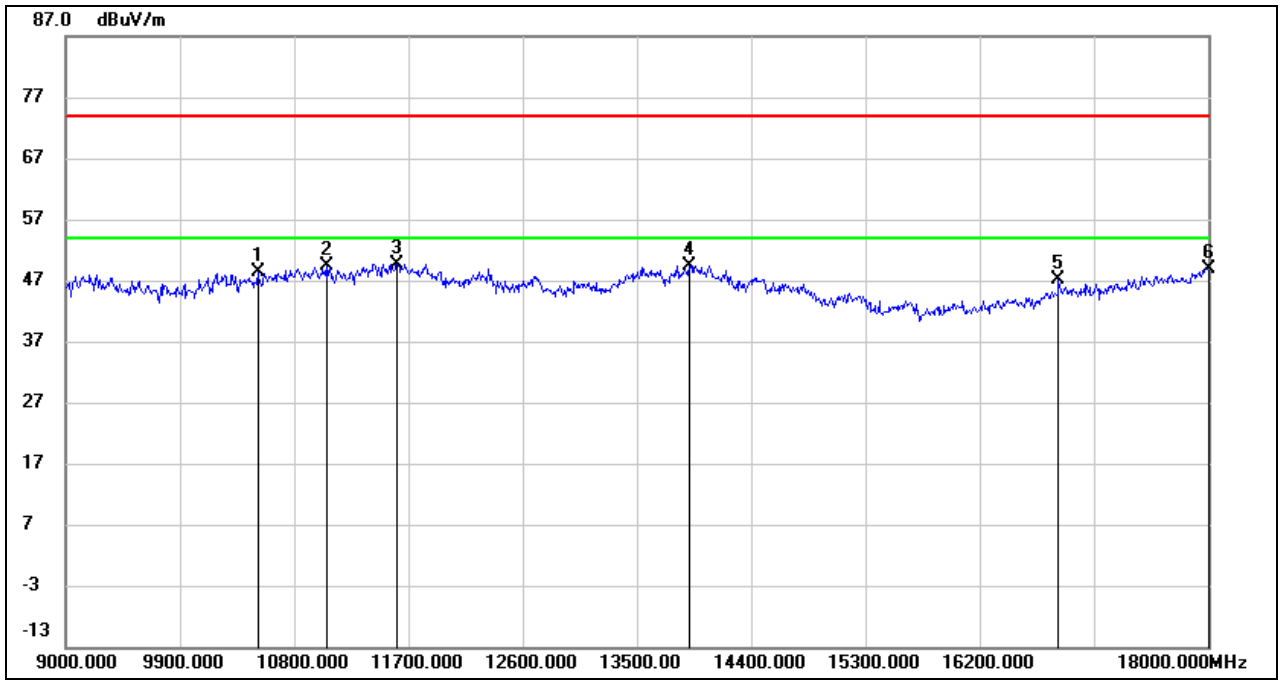
Test Mode:	802.11ax HE20	Channel:	6115 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9369.000	37.18	10.87	48.05	74.00	-25.95	peak
2	10386.000	35.68	12.89	48.57	74.00	-25.43	peak
3	11691.000	30.99	17.05	48.04	74.00	-25.96	peak
4	13617.000	28.52	21.06	49.58	74.00	-24.42	peak
5	13932.000	27.31	21.74	49.05	74.00	-24.95	peak
6	18000.000	24.28	25.16	49.44	74.00	-24.56	peak

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

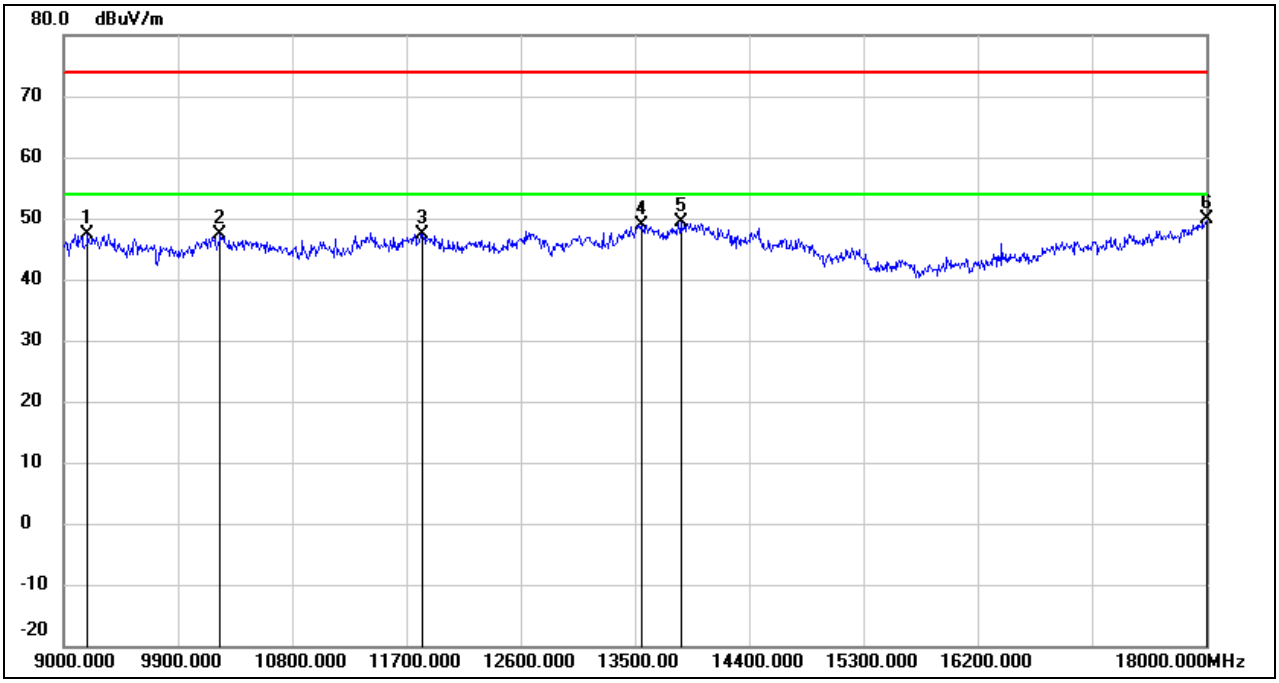
Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10512.000	35.31	13.16	48.47	74.00	-25.53	peak
2	11052.000	34.39	14.94	49.33	74.00	-24.67	peak
3	11610.000	32.89	16.84	49.73	74.00	-24.27	peak
4	13914.000	27.77	21.69	49.46	74.00	-24.54	peak
5	16821.000	27.73	19.36	47.09	74.00	-26.91	peak
6	18000.000	23.68	25.16	48.84	74.00	-25.16	peak

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

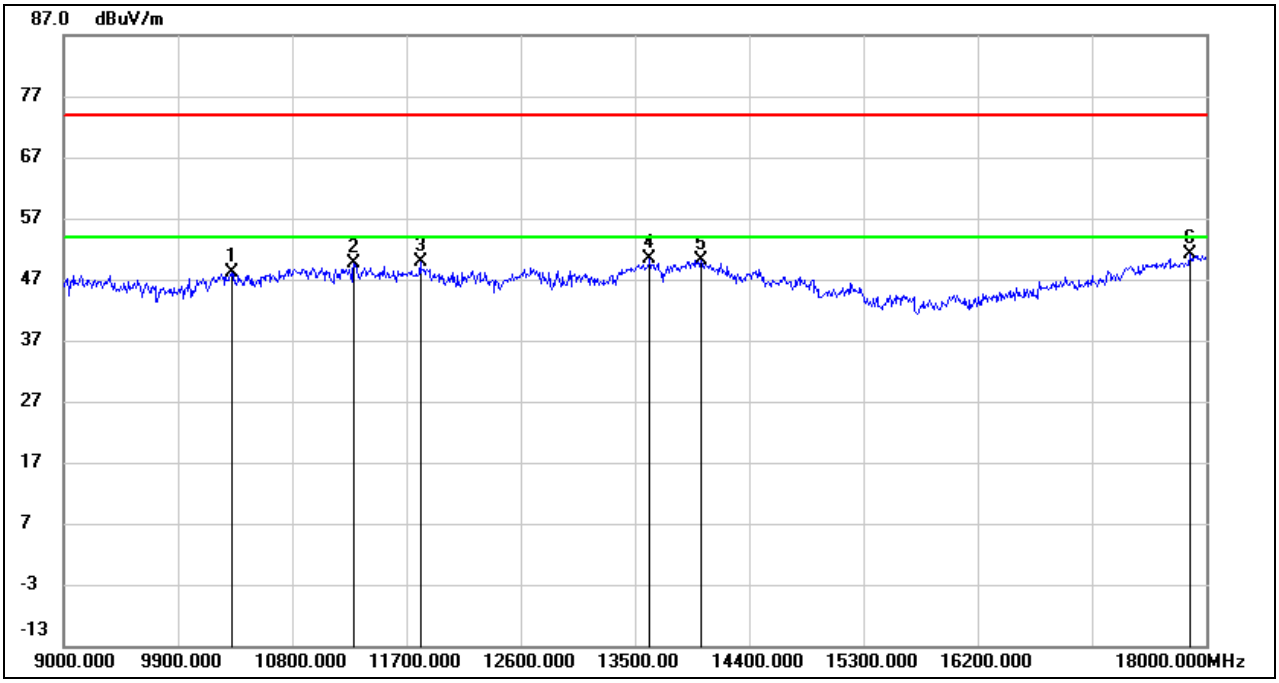
Test Mode:	802.11ax HE20	Channel:	6275 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.62	10.84	47.46	74.00	-26.54	peak
2	10233.000	34.85	12.57	47.42	74.00	-26.58	peak
3	11826.000	29.96	17.42	47.38	74.00	-26.62	peak
4	13554.000	28.02	20.92	48.94	74.00	-25.06	peak
5	13860.000	27.91	21.59	49.50	74.00	-24.50	peak
6	18000.000	24.64	25.16	49.80	74.00	-24.20	peak

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

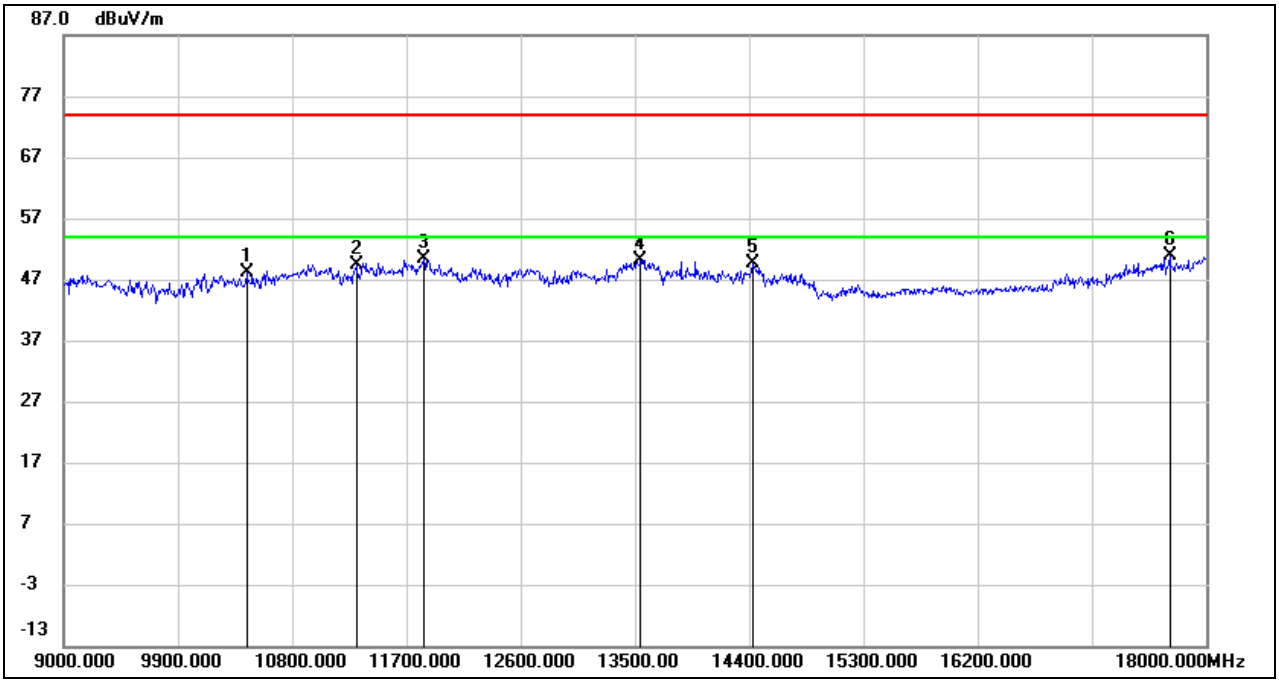
Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10323.000	35.27	12.75	48.02	74.00	-25.98	peak
2	11286.000	33.94	15.77	49.71	74.00	-24.29	peak
3	11808.000	32.45	17.38	49.83	74.00	-24.17	peak
4	13617.000	29.27	21.06	50.33	74.00	-23.67	peak
5	14022.000	28.42	21.79	50.21	74.00	-23.79	peak
6	17874.000	26.66	24.35	51.01	74.00	-22.99	peak

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

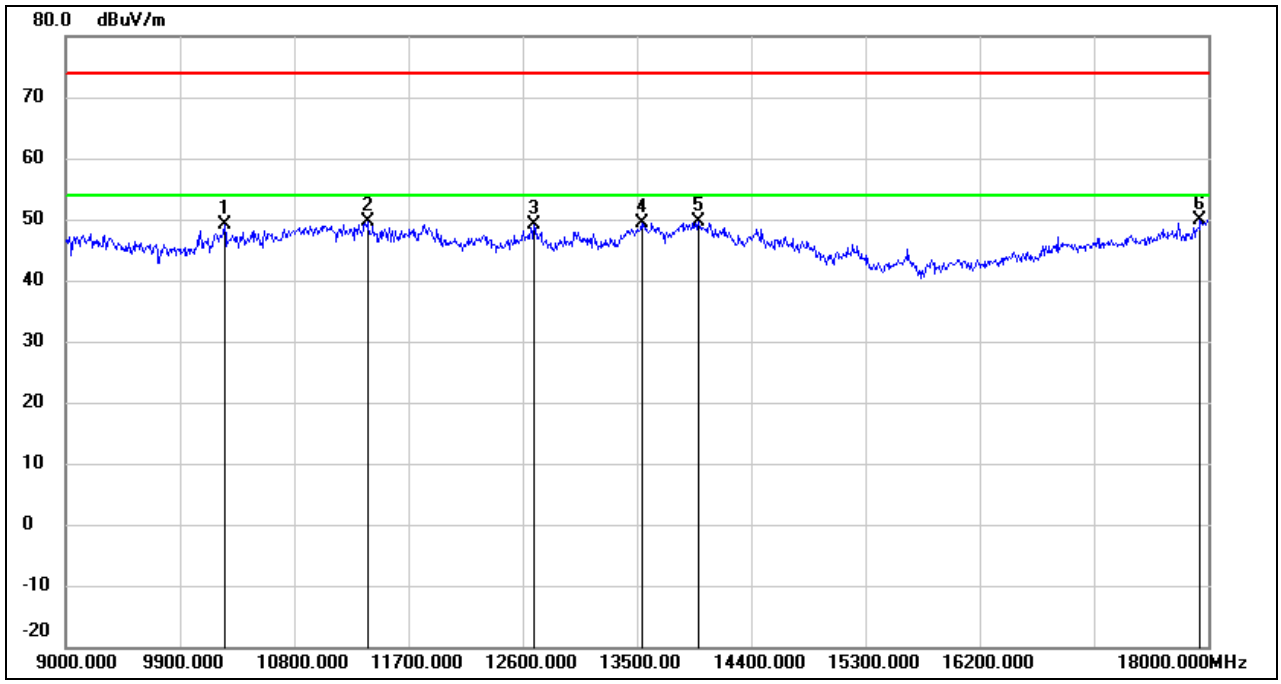
Test Mode:	802.11ax HE20	Channel:	6415 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10440.000	35.07	13.00	48.07	74.00	-25.93	peak
2	11304.000	33.57	15.84	49.41	74.00	-24.59	peak
3	11835.000	32.84	17.46	50.30	74.00	-23.70	peak
4	13545.000	29.35	20.90	50.25	74.00	-23.75	peak
5	14427.000	29.54	19.99	49.53	74.00	-24.47	peak
6	17712.000	27.66	23.32	50.98	74.00	-23.02	peak

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

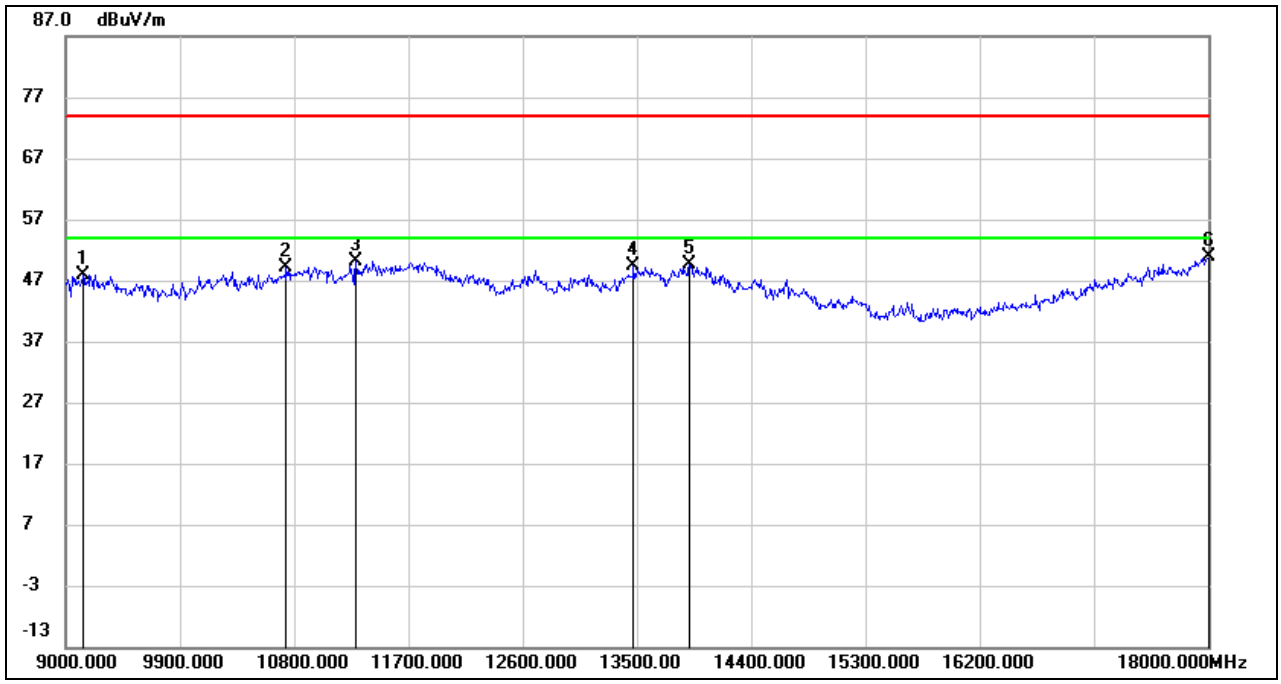
Test Mode:	802.11ax HE20	Channel:	6435 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	36.40	12.61	49.01	74.00	-24.99	peak
2	11376.000	33.47	16.09	49.56	74.00	-24.44	peak
3	12690.000	31.05	18.05	49.10	74.00	-24.90	peak
4	13536.000	28.45	20.90	49.35	74.00	-24.65	peak
5	13986.000	27.69	21.85	49.54	74.00	-24.46	peak
6	17937.000	25.19	24.76	49.95	74.00	-24.05	peak

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

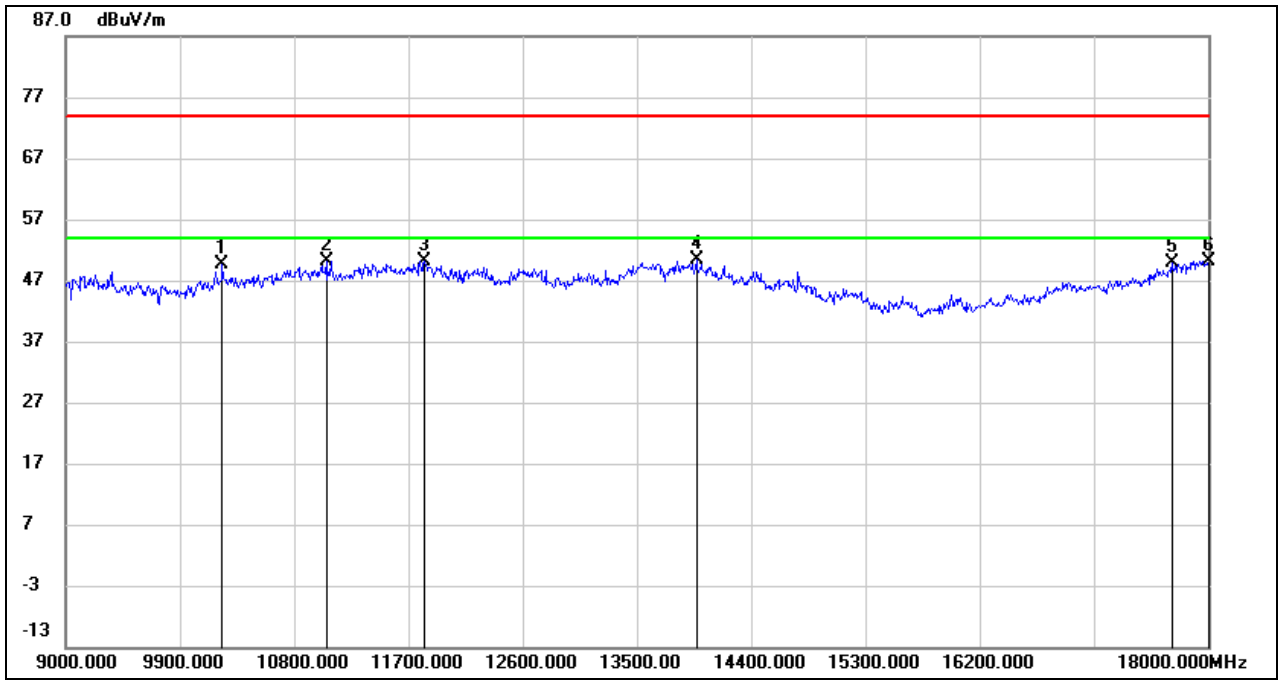
Test Mode:	802.11ax HE20	Channel:	6435 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.98	10.84	47.82	74.00	-26.18	peak
2	10737.000	35.34	13.89	49.23	74.00	-24.77	peak
3	11286.000	34.45	15.77	50.22	74.00	-23.78	peak
4	13473.000	28.73	20.70	49.43	74.00	-24.57	peak
5	13914.000	27.96	21.69	49.65	74.00	-24.35	peak
6	18000.000	25.75	25.16	50.91	74.00	-23.09	peak

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

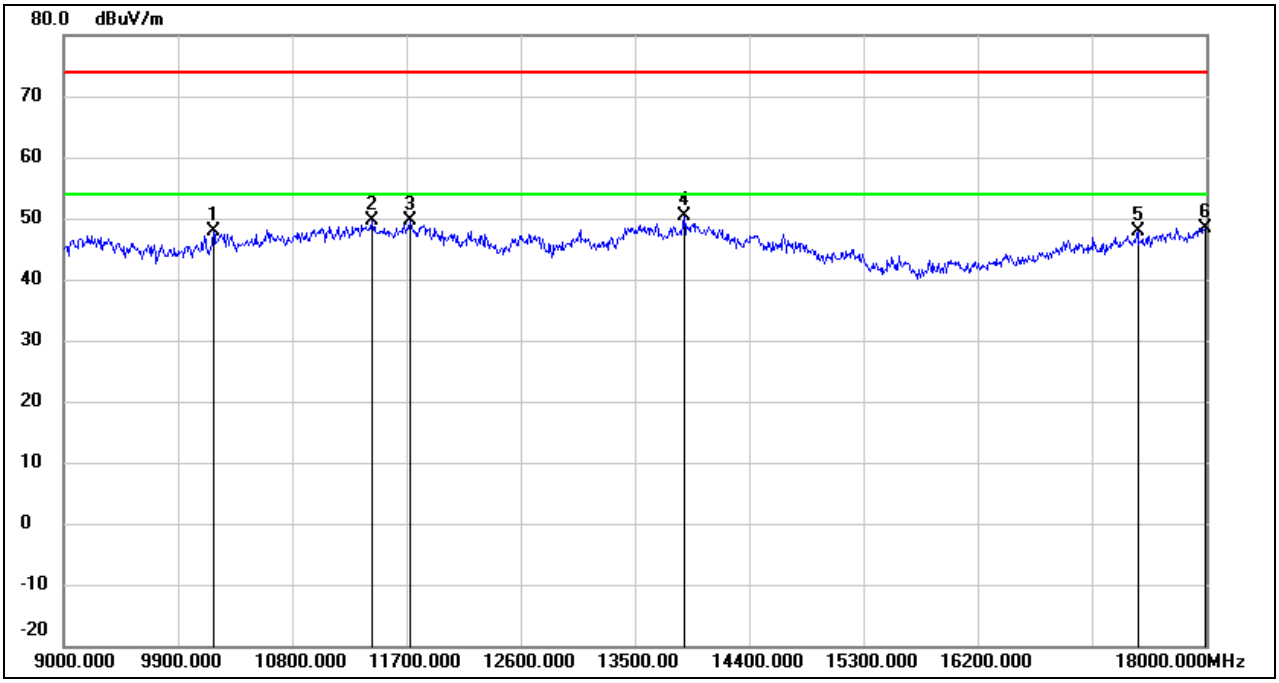
Test Mode:	802.11ax HE20	Channel:	6475 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	37.03	12.57	49.60	74.00	-24.40	peak
2	11052.000	35.20	14.94	50.14	74.00	-23.86	peak
3	11826.000	32.71	17.42	50.13	74.00	-23.87	peak
4	13968.000	28.54	21.81	50.35	74.00	-23.65	peak
5	17712.000	26.63	23.32	49.95	74.00	-24.05	peak
6	18000.000	24.97	25.16	50.13	74.00	-23.87	peak

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

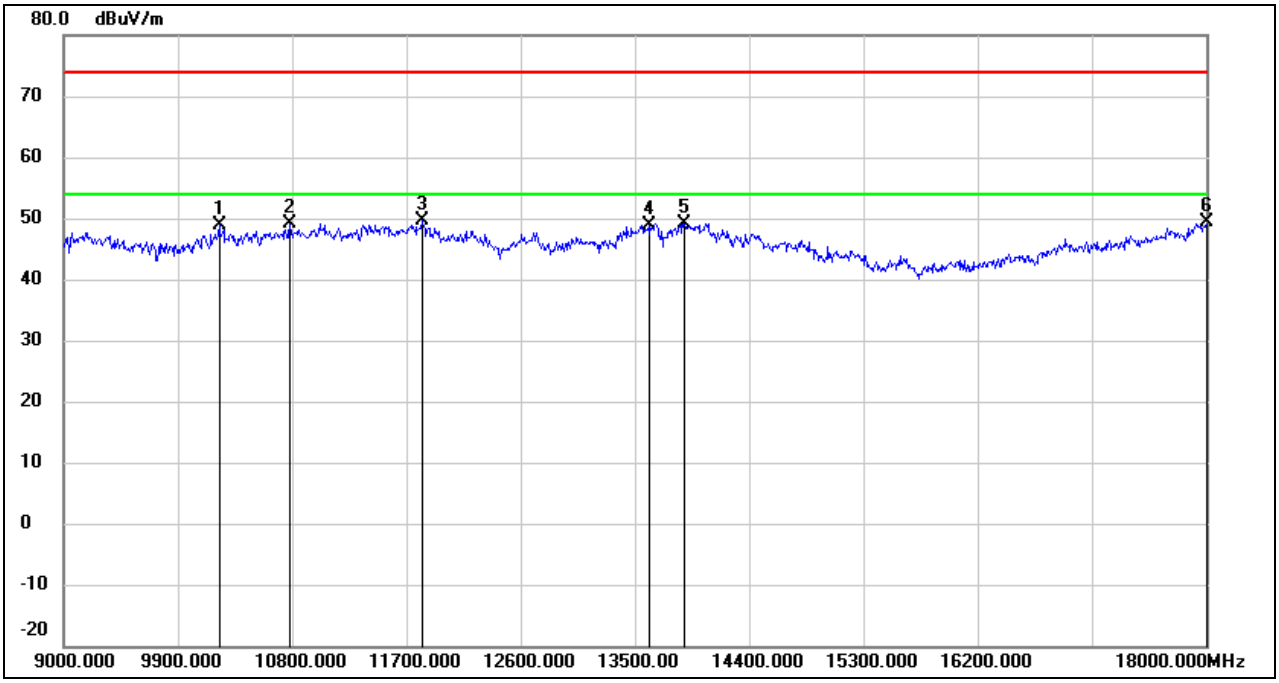
Test Mode:	802.11ax HE20	Channel:	6475 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10179.000	35.36	12.45	47.81	74.00	-26.19	peak
2	11430.000	33.27	16.28	49.55	74.00	-24.45	peak
3	11727.000	32.38	17.16	49.54	74.00	-24.46	peak
4	13887.000	28.75	21.64	50.39	74.00	-23.61	peak
5	17460.000	26.01	21.81	47.82	74.00	-26.18	peak
6	17991.000	23.38	25.11	48.49	74.00	-25.51	peak

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

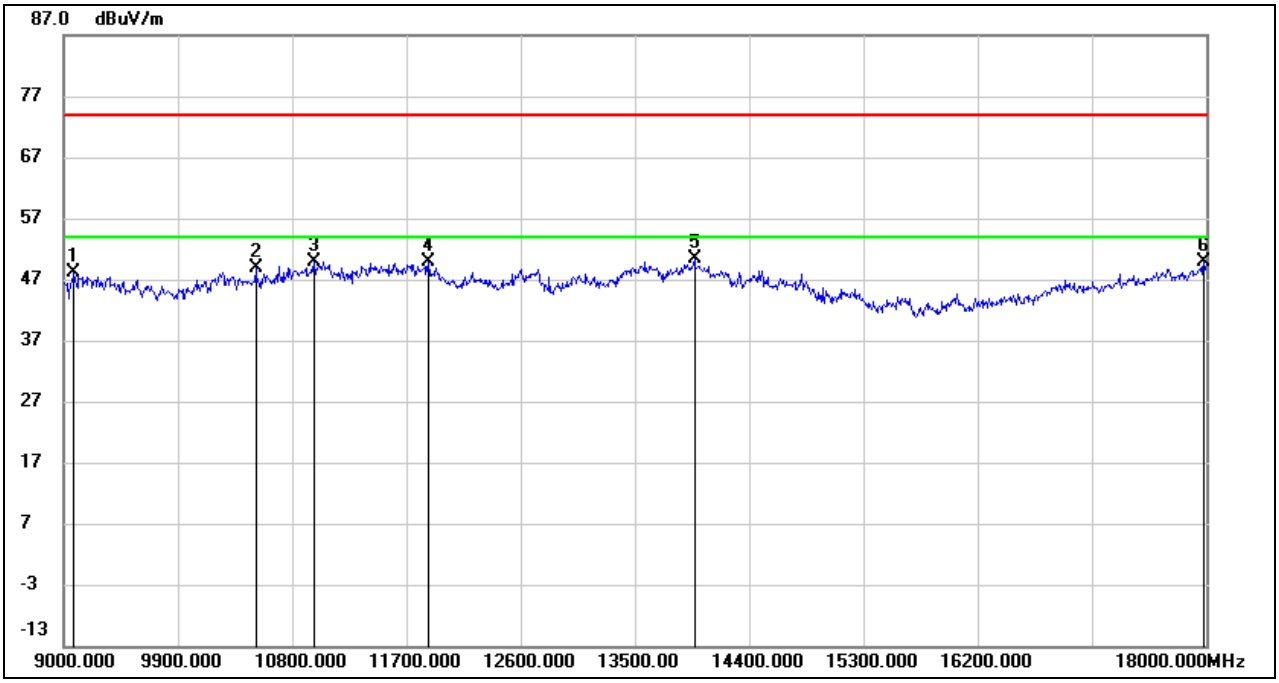
Test Mode:	802.11ax HE20	Channel:	6515 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10224.000	36.45	12.55	49.00	74.00	-25.00	peak
2	10782.000	34.99	14.03	49.02	74.00	-24.98	peak
3	11826.000	32.19	17.42	49.61	74.00	-24.39	peak
4	13608.000	27.95	21.05	49.00	74.00	-25.00	peak
5	13887.000	27.60	21.64	49.24	74.00	-24.76	peak
6	18000.000	24.20	25.16	49.36	74.00	-24.64	peak

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

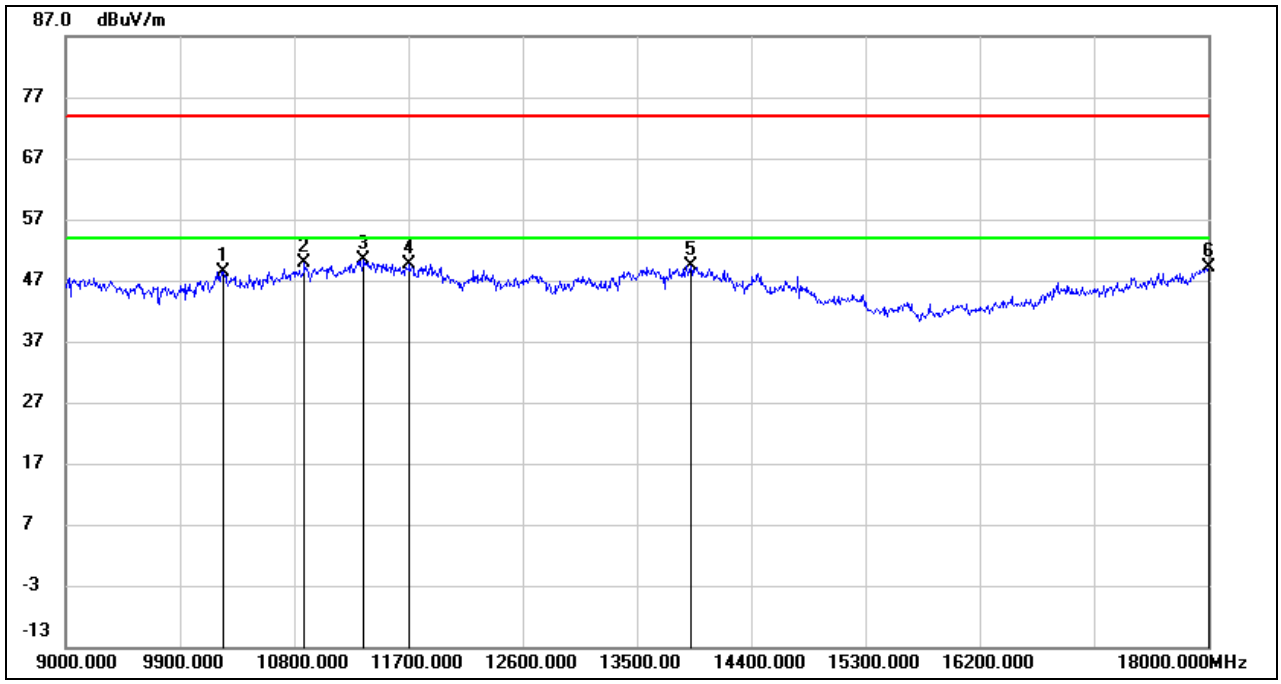
Test Mode:	802.11ax HE20	Channel:	6515 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9081.000	37.34	10.82	48.16	74.00	-25.84	peak
2	10512.000	35.67	13.16	48.83	74.00	-25.17	peak
3	10971.000	35.31	14.65	49.96	74.00	-24.04	peak
4	11871.000	32.22	17.56	49.78	74.00	-24.22	peak
5	13968.000	28.45	21.81	50.26	74.00	-23.74	peak
6	17982.000	24.72	25.04	49.76	74.00	-24.24	peak

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

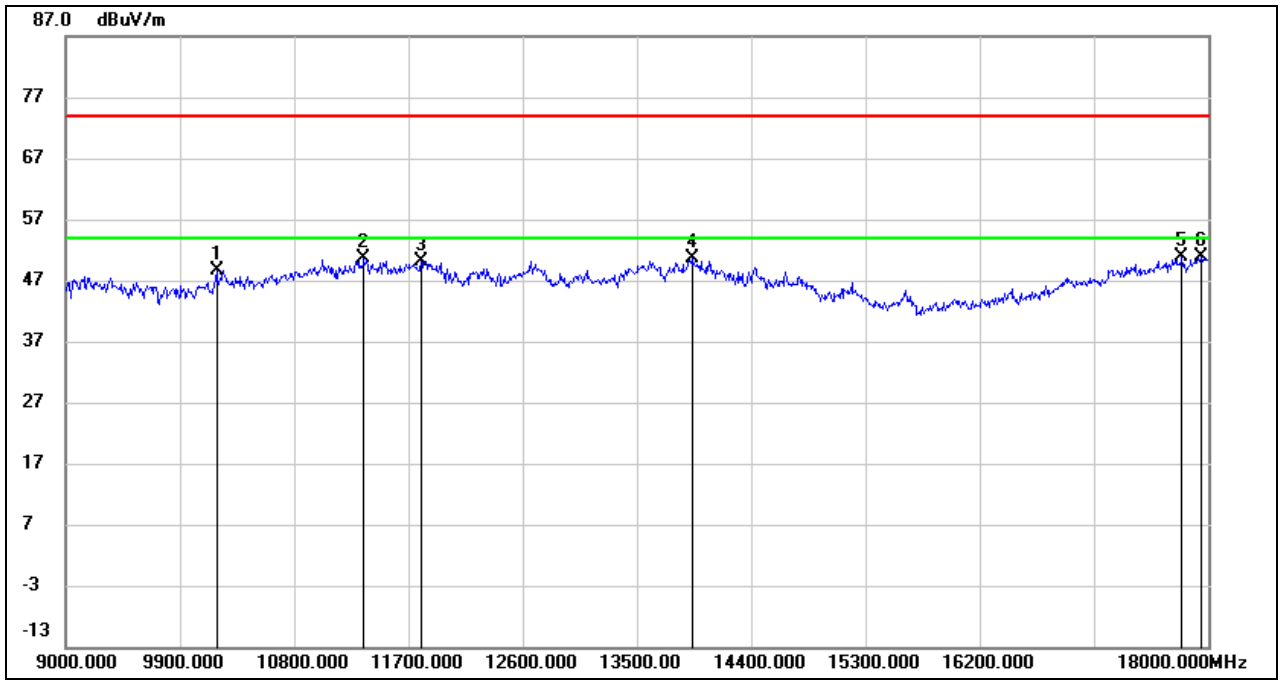
Test Mode:	802.11ax HE20	Channel:	6535 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.83	12.58	48.41	74.00	-25.59	peak
2	10881.000	35.47	14.35	49.82	74.00	-24.18	peak
3	11349.000	34.41	15.99	50.40	74.00	-23.60	peak
4	11709.000	32.41	17.11	49.52	74.00	-24.48	peak
5	13923.000	27.62	21.72	49.34	74.00	-24.66	peak
6	18000.000	23.90	25.16	49.06	74.00	-24.94	peak

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

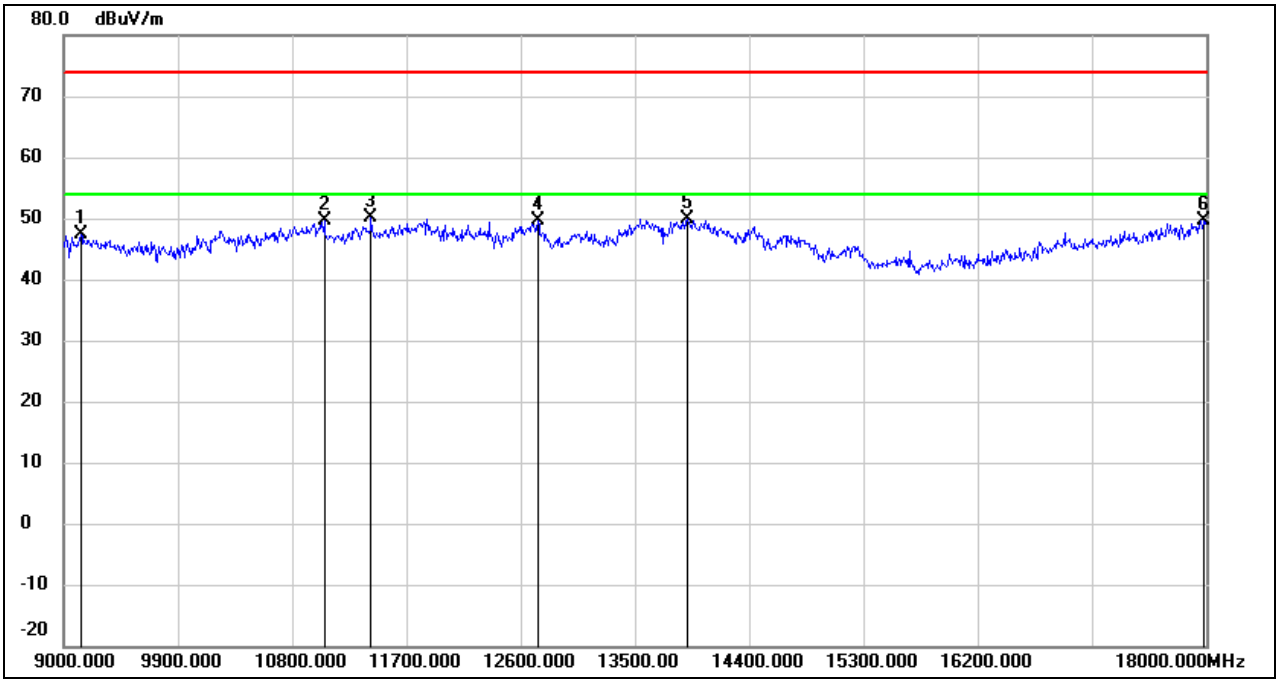
Test Mode:	802.11ax HE20	Channel:	6535 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10188.000	36.14	12.47	48.61	74.00	-25.39	peak
2	11349.000	34.70	15.99	50.69	74.00	-23.31	peak
3	11799.000	32.78	17.36	50.14	74.00	-23.86	peak
4	13932.000	28.81	21.74	50.55	74.00	-23.45	peak
5	17793.000	27.04	23.84	50.88	74.00	-23.12	peak
6	17946.000	26.11	24.82	50.93	74.00	-23.07	peak

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

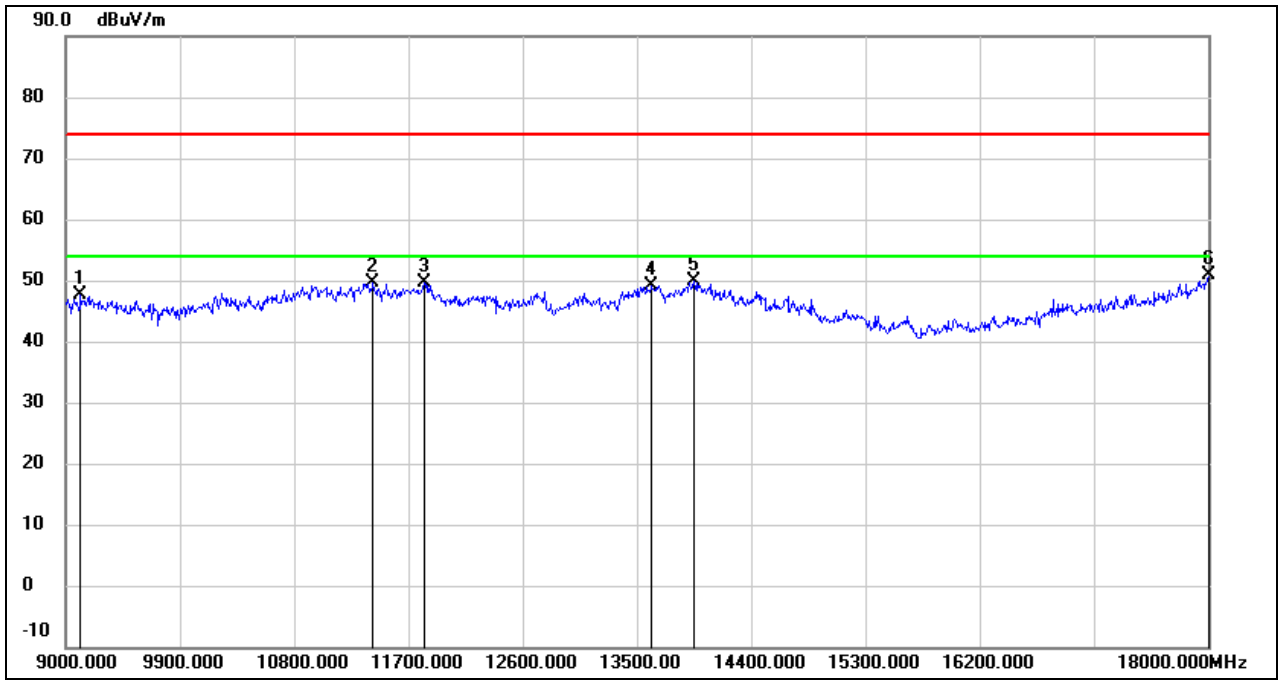
Test Mode:	802.11ax HE20	Channel:	6715 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.62	10.84	47.46	74.00	-26.54	peak
2	11052.000	34.71	14.94	49.65	74.00	-24.35	peak
3	11421.000	33.85	16.25	50.10	74.00	-23.90	peak
4	12735.000	31.50	18.17	49.67	74.00	-24.33	peak
5	13914.000	28.16	21.69	49.85	74.00	-24.15	peak
6	17982.000	24.70	25.04	49.74	74.00	-24.26	peak

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

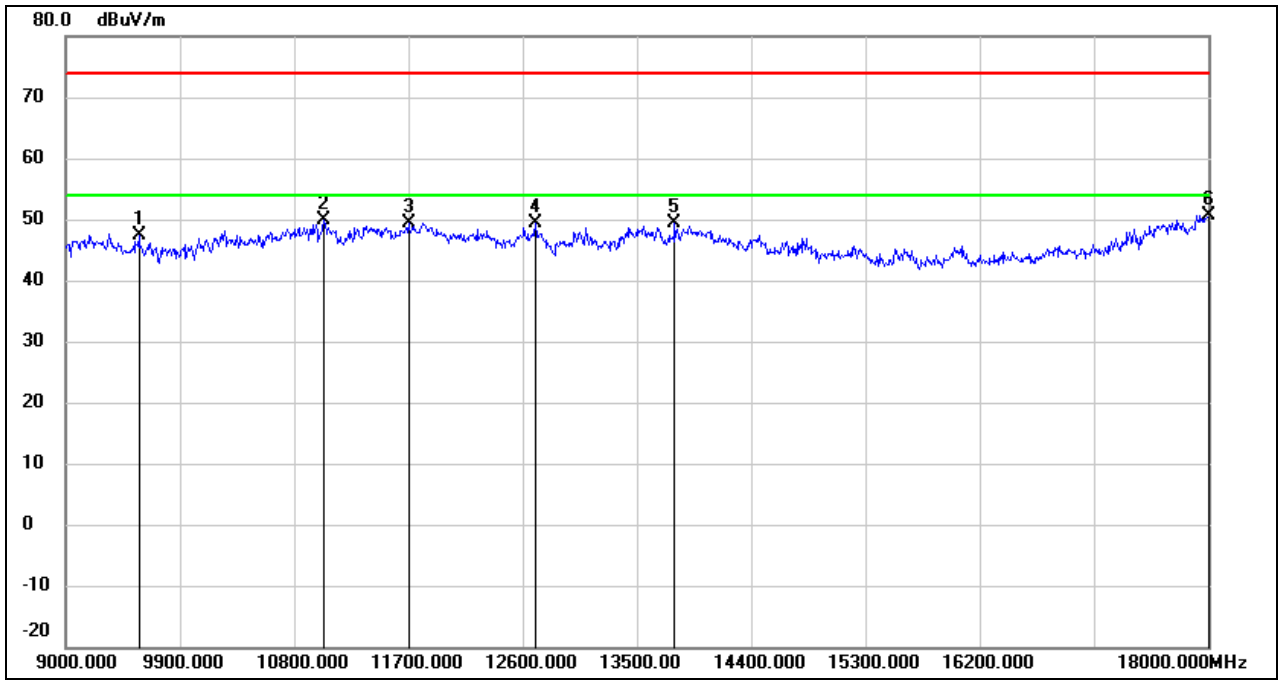
Test Mode:	802.11ax HE20	Channel:	6715 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9117.000	36.80	10.83	47.63	74.00	-26.37	peak
2	11421.000	33.38	16.25	49.63	74.00	-24.37	peak
3	11826.000	32.24	17.42	49.66	74.00	-24.34	peak
4	13617.000	28.08	21.06	49.14	74.00	-24.86	peak
5	13950.000	28.02	21.78	49.80	74.00	-24.20	peak
6	18000.000	25.61	25.16	50.77	74.00	-23.23	peak

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

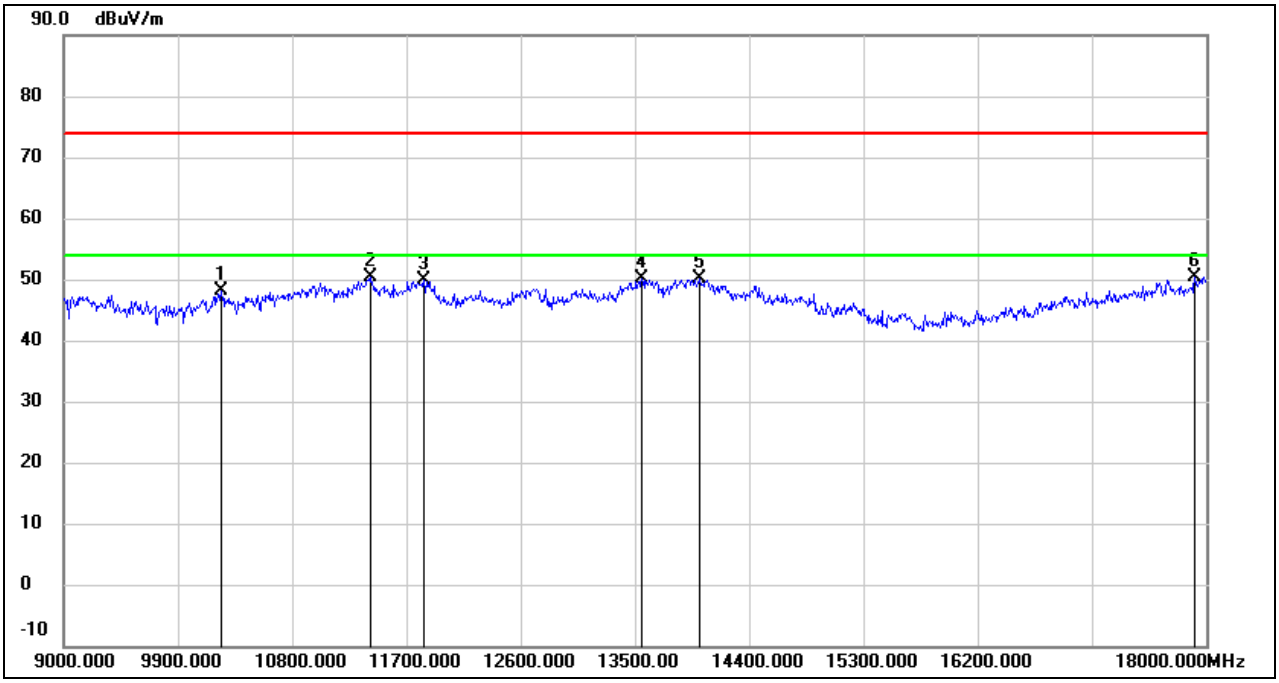
Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9576.000	36.20	11.08	47.28	74.00	-26.72	peak
2	11034.000	34.96	14.87	49.83	74.00	-24.17	peak
3	11700.000	32.32	17.08	49.40	74.00	-24.60	peak
4	12699.000	31.30	18.07	49.37	74.00	-24.63	peak
5	13797.000	28.00	21.44	49.44	74.00	-24.56	peak
6	18000.000	25.48	25.16	50.64	74.00	-23.36	peak

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

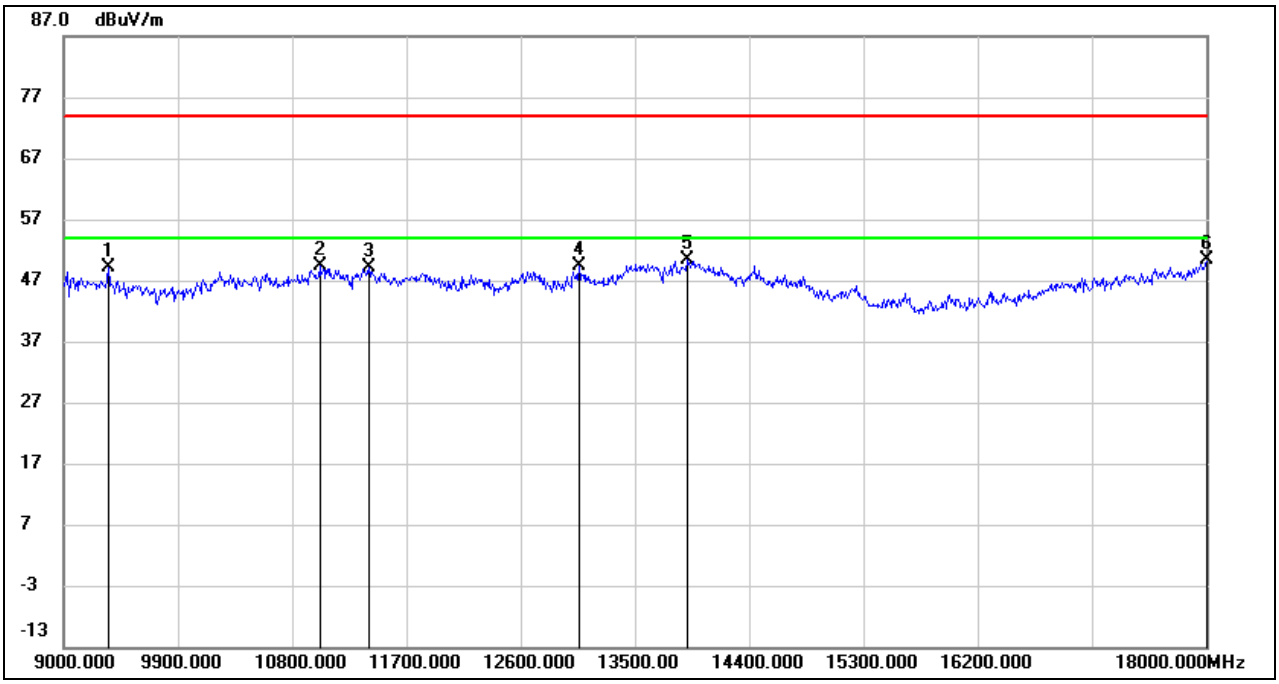
Test Mode:	802.11ax HE20	Channel:	6875 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.45	12.58	48.03	74.00	-25.97	peak
2	11412.000	34.26	16.22	50.48	74.00	-23.52	peak
3	11835.000	32.46	17.46	49.92	74.00	-24.08	peak
4	13554.000	29.11	20.92	50.03	74.00	-23.97	peak
5	14004.000	28.16	21.86	50.02	74.00	-23.98	peak
6	17910.000	25.88	24.59	50.47	74.00	-23.53	peak

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

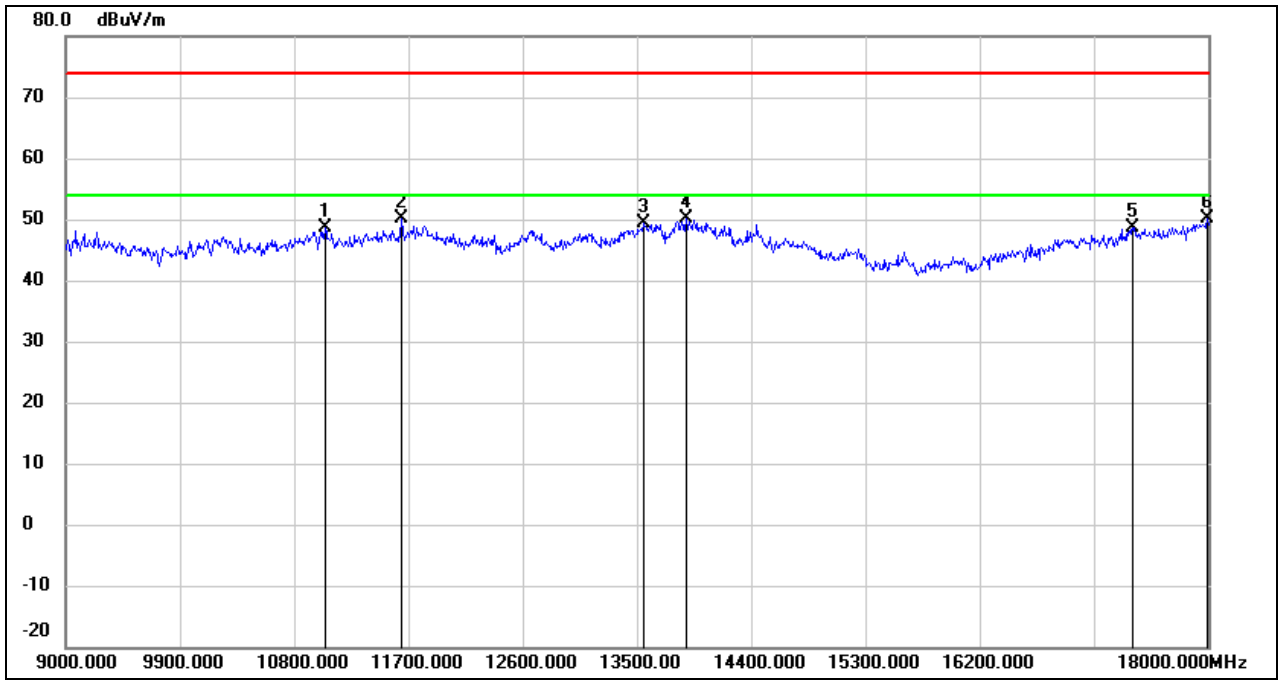
Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9351.000	38.17	10.86	49.03	74.00	-24.97	peak
2	11016.000	34.49	14.81	49.30	74.00	-24.70	peak
3	11403.000	32.83	16.19	49.02	74.00	-24.98	peak
4	13059.000	30.21	19.11	49.32	74.00	-24.68	peak
5	13914.000	28.66	21.69	50.35	74.00	-23.65	peak
6	18000.000	25.27	25.16	50.43	74.00	-23.57	peak

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

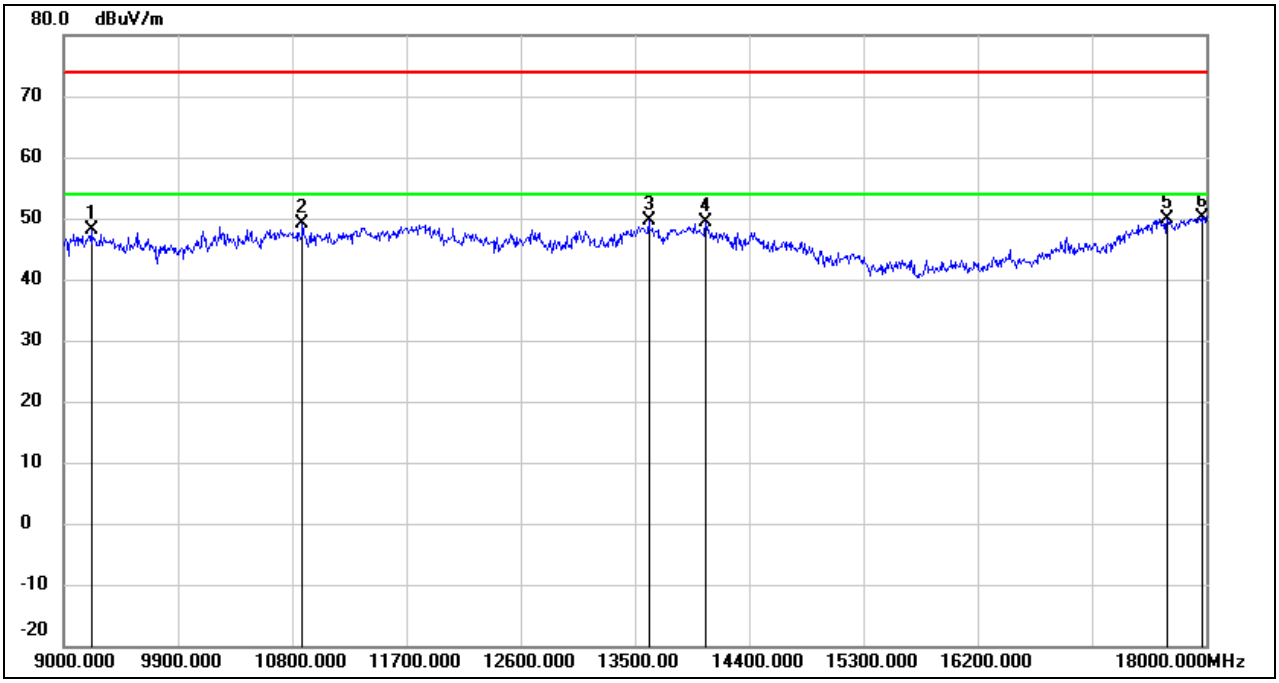
Test Mode:	802.11ax HE20	Channel:	6895 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11043.000	33.84	14.90	48.74	74.00	-25.26	peak
2	11646.000	33.26	16.94	50.20	74.00	-23.80	peak
3	13554.000	28.49	20.92	49.41	74.00	-24.59	peak
4	13887.000	28.44	21.64	50.08	74.00	-23.92	peak
5	17406.000	27.10	21.60	48.70	74.00	-25.30	peak
6	17991.000	24.91	25.11	50.02	74.00	-23.98	peak

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

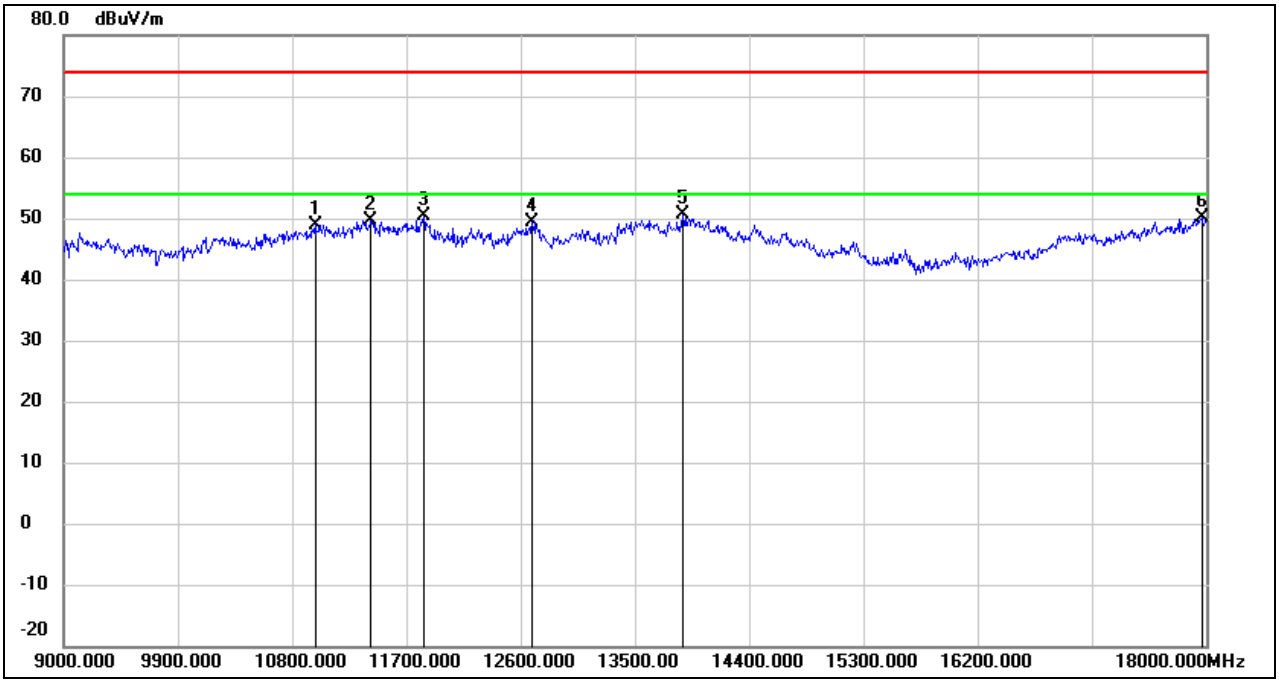
Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9216.000	37.25	10.85	48.10	74.00	-25.90	peak
2	10881.000	34.74	14.35	49.09	74.00	-24.91	peak
3	13608.000	28.51	21.05	49.56	74.00	-24.44	peak
4	14058.000	27.75	21.62	49.37	74.00	-24.63	peak
5	17694.000	26.75	23.20	49.95	74.00	-24.05	peak
6	17964.000	25.17	24.92	50.09	74.00	-23.91	peak

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

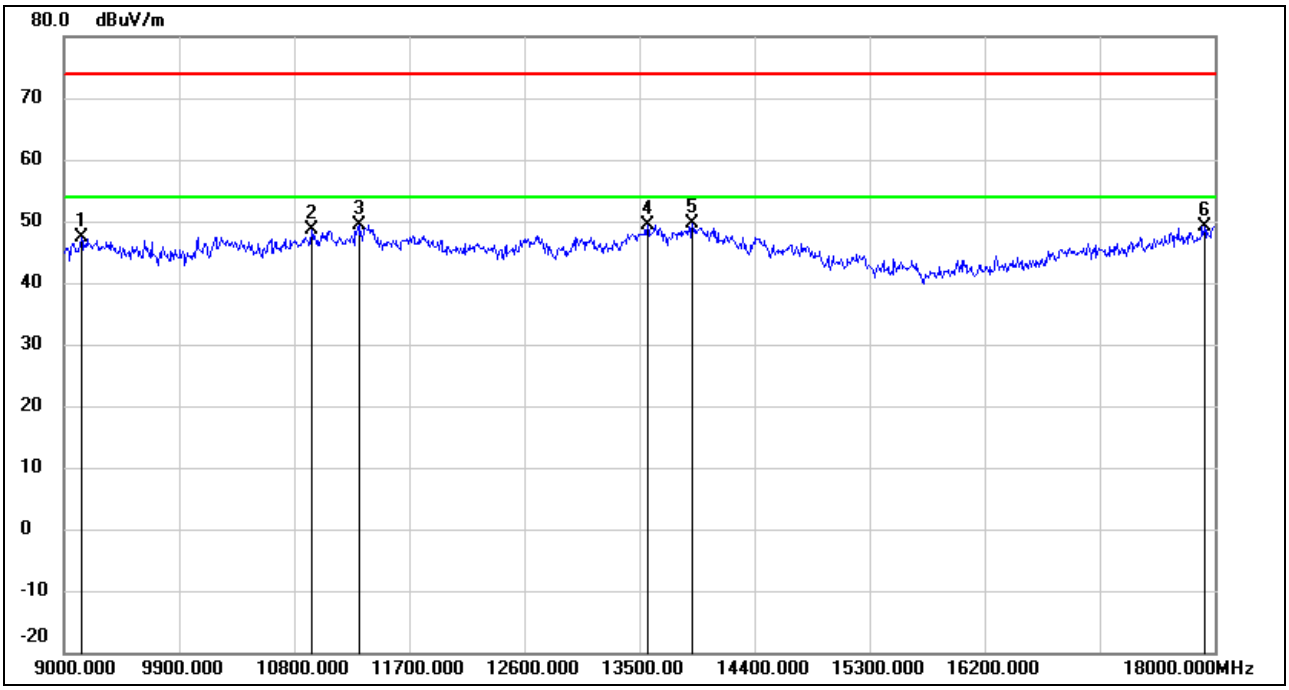
Test Mode:	802.11ax HE20	Channel:	7015 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10980.000	34.32	14.68	49.00	74.00	-25.00	peak
2	11421.000	33.48	16.25	49.73	74.00	-24.27	peak
3	11835.000	32.88	17.46	50.34	74.00	-23.66	peak
4	12690.000	31.32	18.05	49.37	74.00	-24.63	peak
5	13878.000	28.91	21.62	50.53	74.00	-23.47	peak
6	17964.000	25.14	24.92	50.06	74.00	-23.94	peak

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

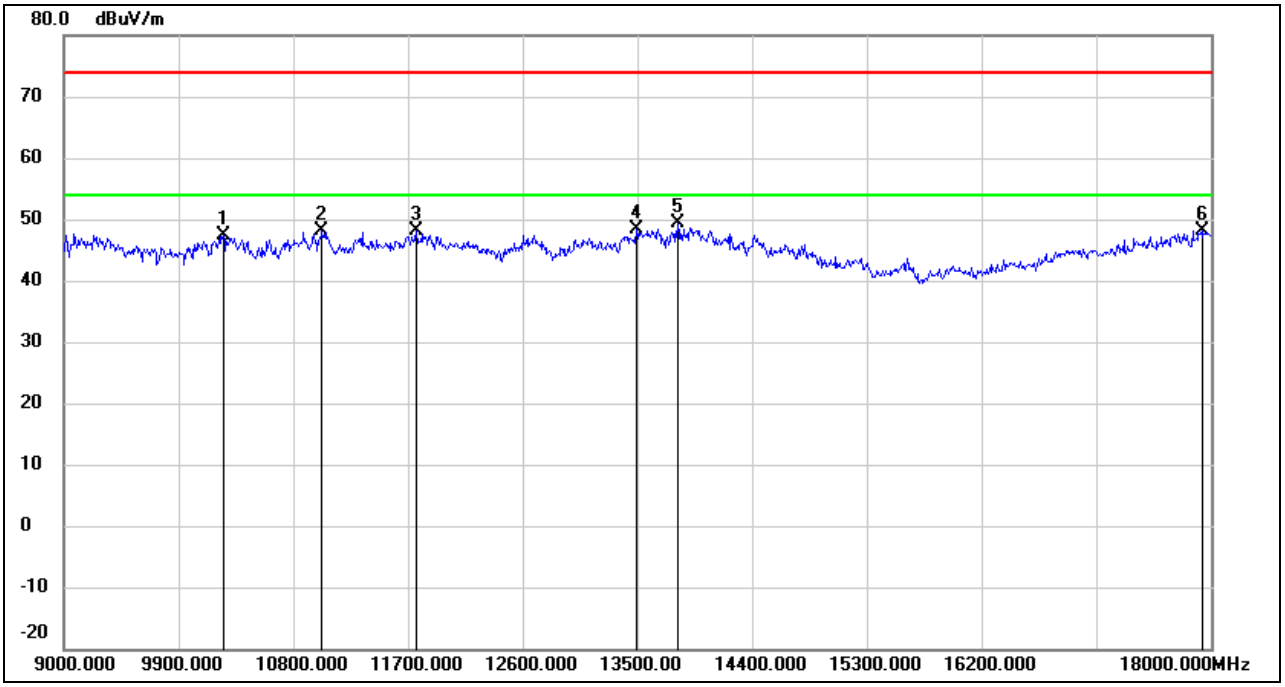
Test Mode:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.63	10.84	47.47	74.00	-26.53	peak
2	10935.000	34.05	14.54	48.59	74.00	-25.41	peak
3	11304.000	33.56	15.83	49.39	74.00	-24.61	peak
4	13563.000	28.37	20.94	49.31	74.00	-24.69	peak
5	13914.000	28.01	21.69	49.70	74.00	-24.30	peak
6	17919.000	24.59	24.64	49.23	74.00	-24.77	peak

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

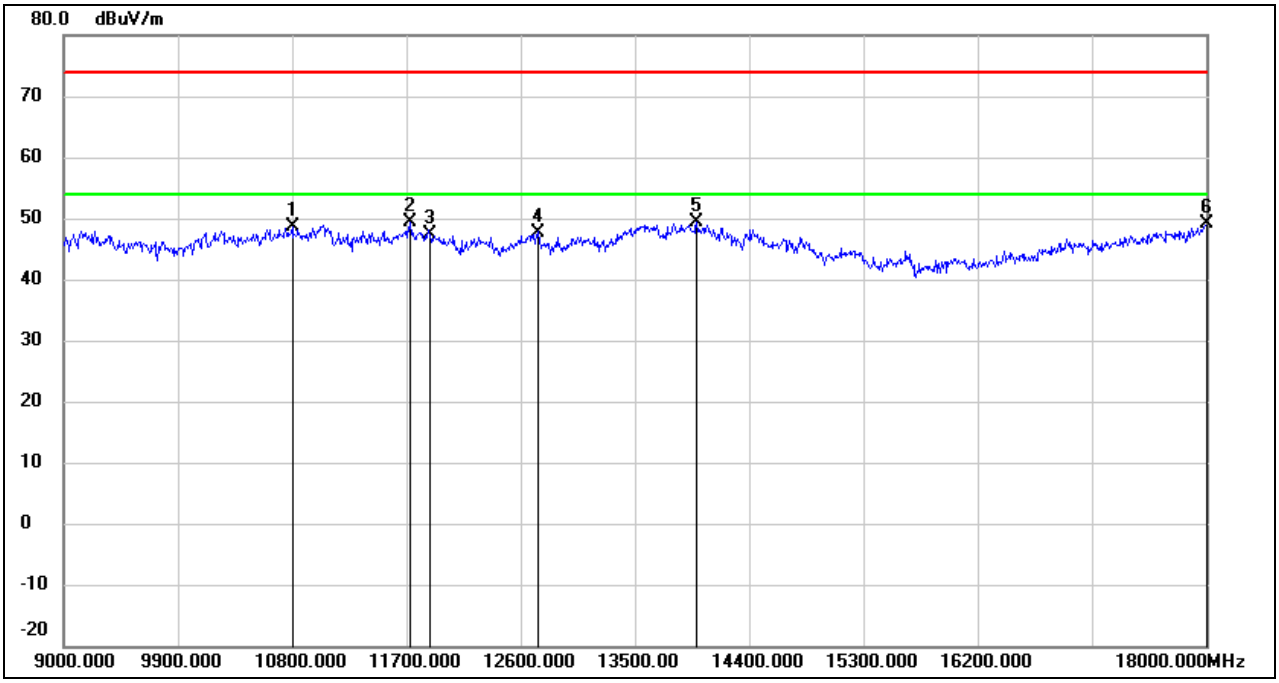
Test Mode:	802.11ax HE20	Channel:	7095 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	34.76	12.61	47.37	74.00	-26.63	peak
2	11025.000	33.23	14.83	48.06	74.00	-25.94	peak
3	11763.000	30.88	17.26	48.14	74.00	-25.86	peak
4	13491.000	27.66	20.77	48.43	74.00	-25.57	peak
5	13815.000	27.94	21.48	49.42	74.00	-24.58	peak
6	17937.000	23.48	24.76	48.24	74.00	-25.76	peak

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

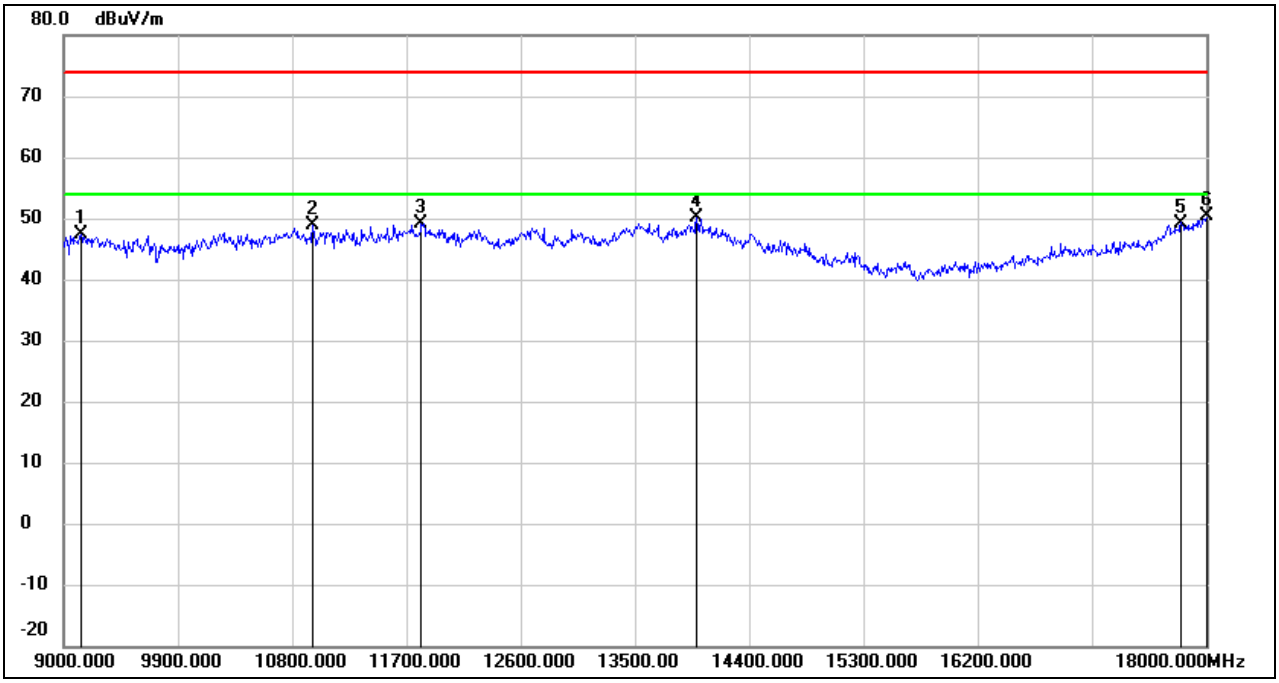
Test Mode:	802.11ax HE40	Channel:	6125 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10800.000	34.57	14.10	48.67	74.00	-25.33	peak
2	11727.000	32.17	17.16	49.33	74.00	-24.67	peak
3	11889.000	29.71	17.60	47.31	74.00	-26.69	peak
4	12735.000	29.58	18.17	47.75	74.00	-26.25	peak
5	13986.000	27.60	21.85	49.45	74.00	-24.55	peak
6	18000.000	23.99	25.16	49.15	74.00	-24.85	peak

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

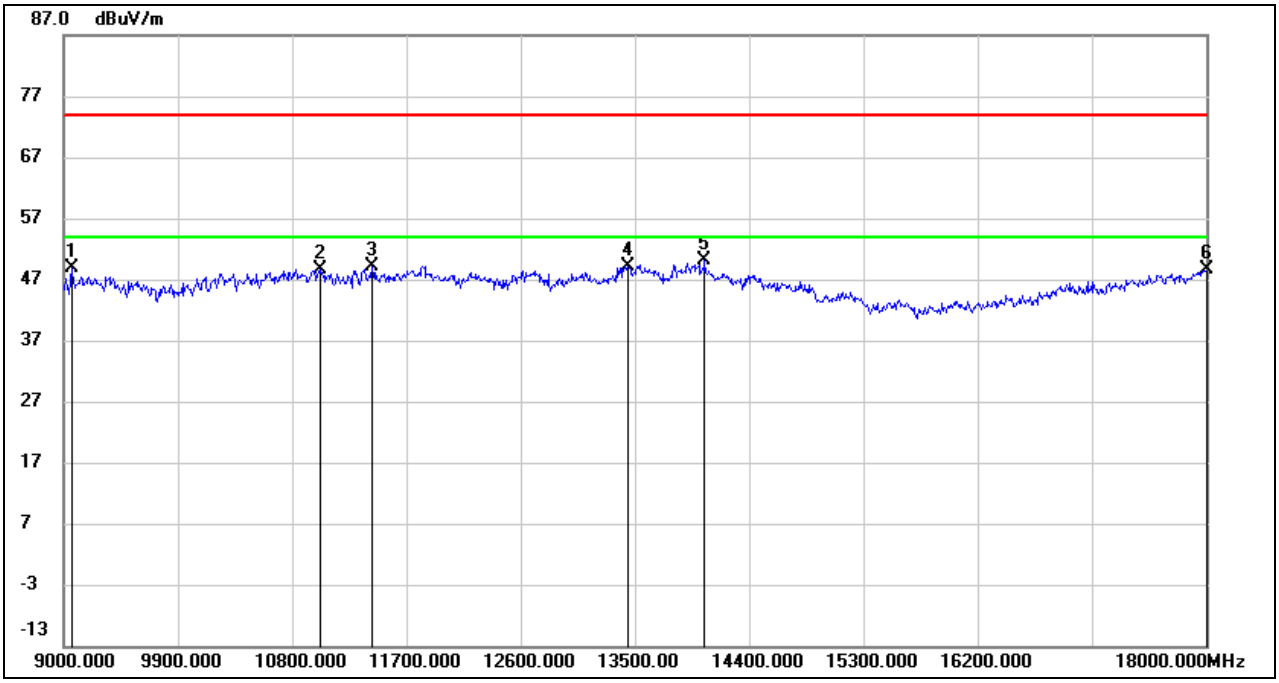
Test Mode:	802.11ax HE40	Channel:	6125 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	36.56	10.84	47.40	74.00	-26.60	peak
2	10962.000	34.21	14.63	48.84	74.00	-25.16	peak
3	11817.000	31.74	17.40	49.14	74.00	-24.86	peak
4	13986.000	28.16	21.85	50.01	74.00	-23.99	peak
5	17802.000	25.36	23.89	49.25	74.00	-24.75	peak
6	18000.000	25.22	25.16	50.38	74.00	-23.62	peak

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

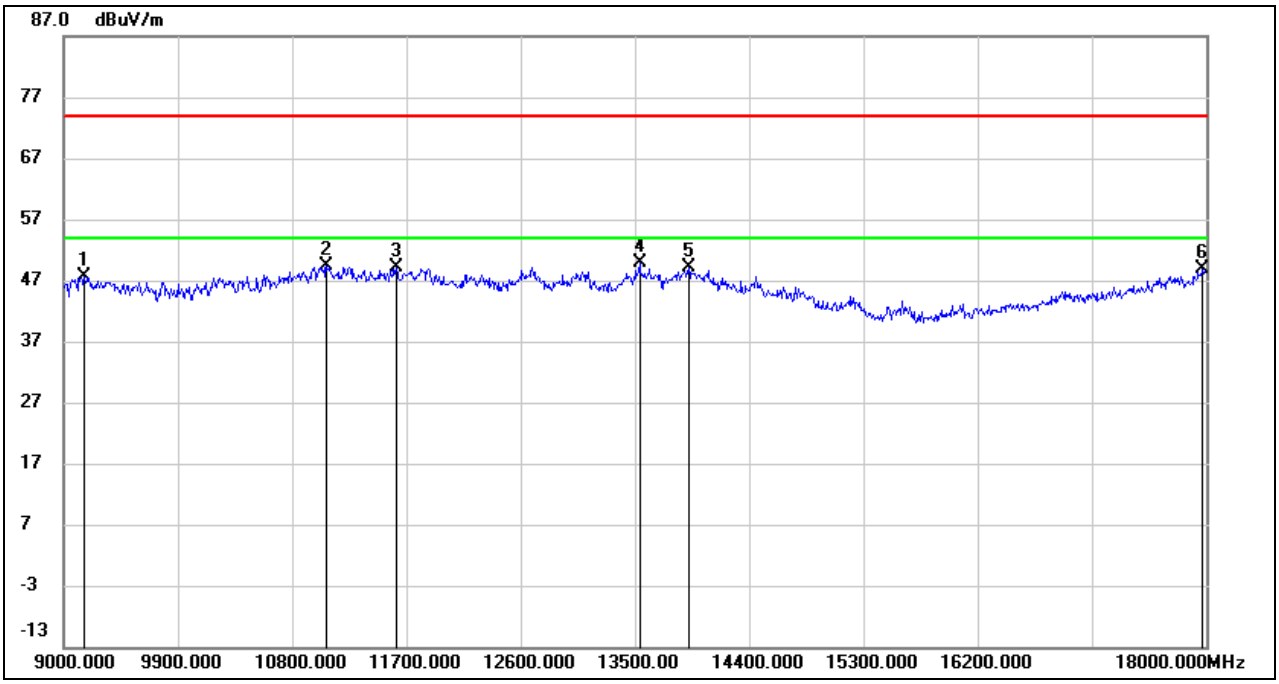
Test Mode:	802.11ax HE40	Channel:	6285 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9063.000	38.02	10.82	48.84	74.00	-25.16	peak
2	11016.000	33.92	14.81	48.73	74.00	-25.27	peak
3	11430.000	32.97	16.28	49.25	74.00	-24.75	peak
4	13446.000	28.50	20.60	49.10	74.00	-24.90	peak
5	14049.000	28.37	21.66	50.03	74.00	-23.97	peak
6	18000.000	23.49	25.16	48.65	74.00	-25.35	peak

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

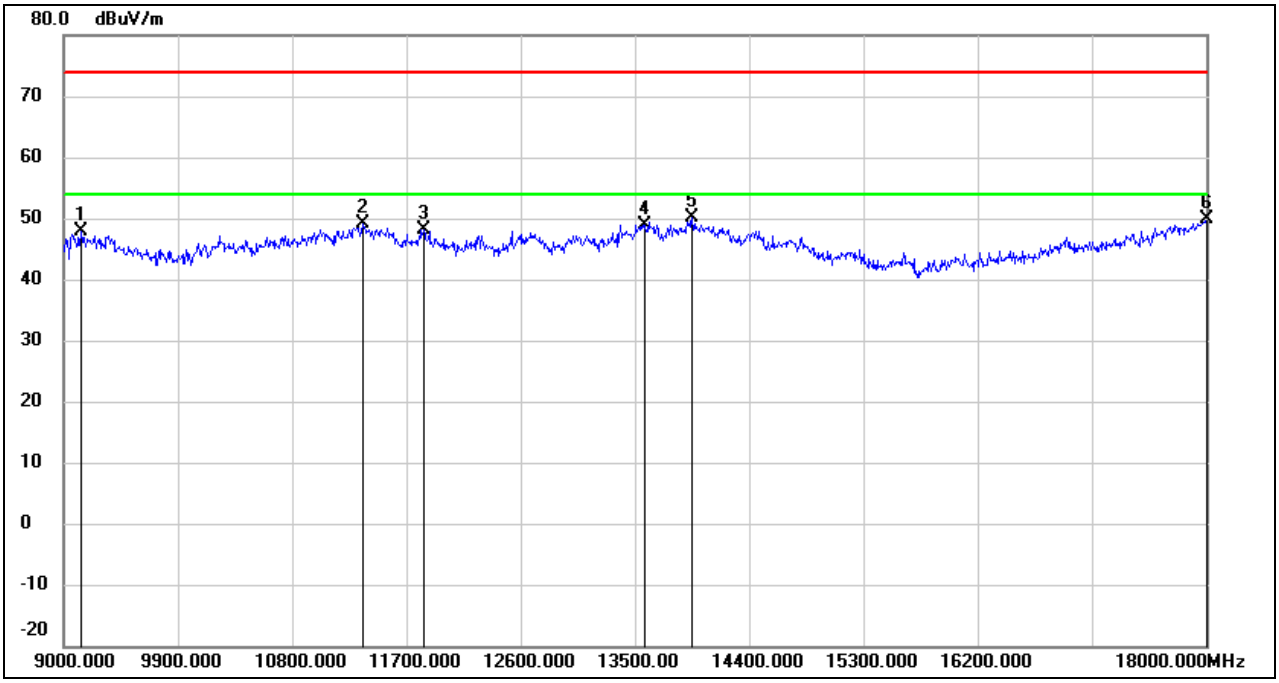
Test Mode:	802.11ax HE40	Channel:	6285 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9162.000	36.77	10.83	47.60	74.00	-26.40	peak
2	11070.000	34.30	15.00	49.30	74.00	-24.70	peak
3	11619.000	32.21	16.86	49.07	74.00	-24.93	peak
4	13536.000	28.93	20.90	49.83	74.00	-24.17	peak
5	13923.000	27.30	21.72	49.02	74.00	-24.98	peak
6	17973.000	23.99	24.99	48.98	74.00	-25.02	peak

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

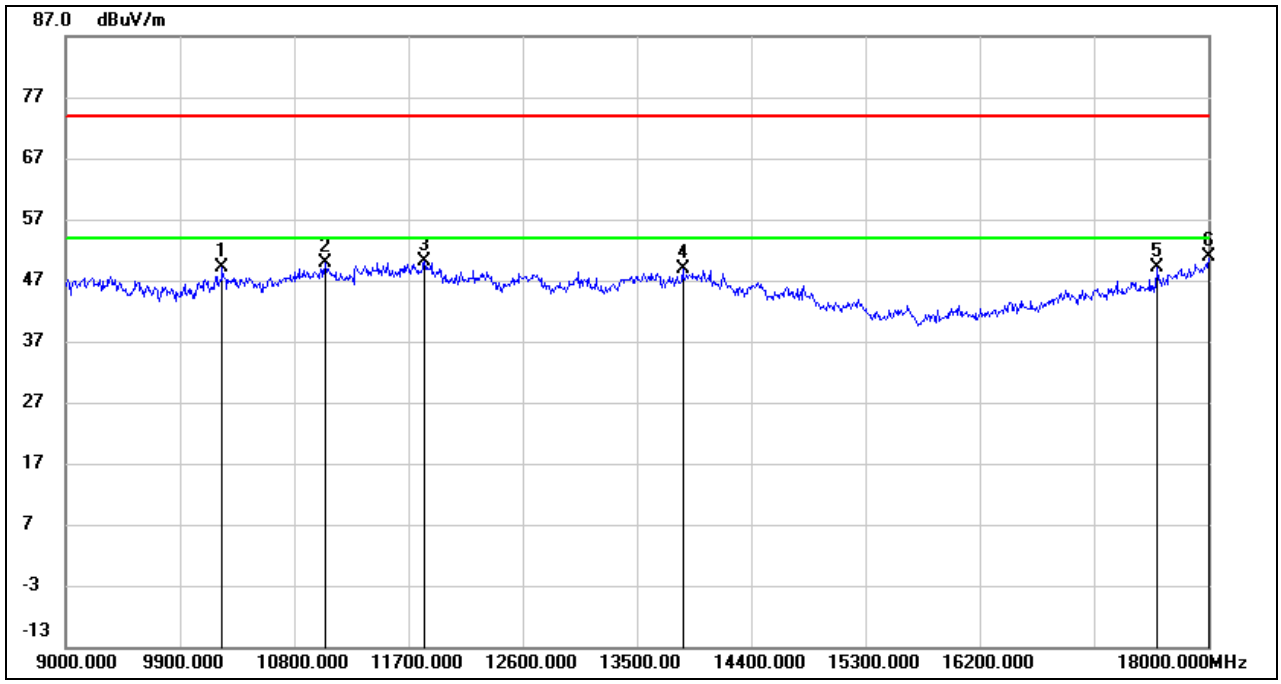
Test Mode:	802.11ax HE40	Channel:	6405 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9135.000	37.15	10.84	47.99	74.00	-26.01	peak
2	11358.000	33.21	16.03	49.24	74.00	-24.76	peak
3	11835.000	30.71	17.46	48.17	74.00	-25.83	peak
4	13581.000	28.01	20.99	49.00	74.00	-25.00	peak
5	13950.000	28.41	21.78	50.19	74.00	-23.81	peak
6	18000.000	24.63	25.16	49.79	74.00	-24.21	peak

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

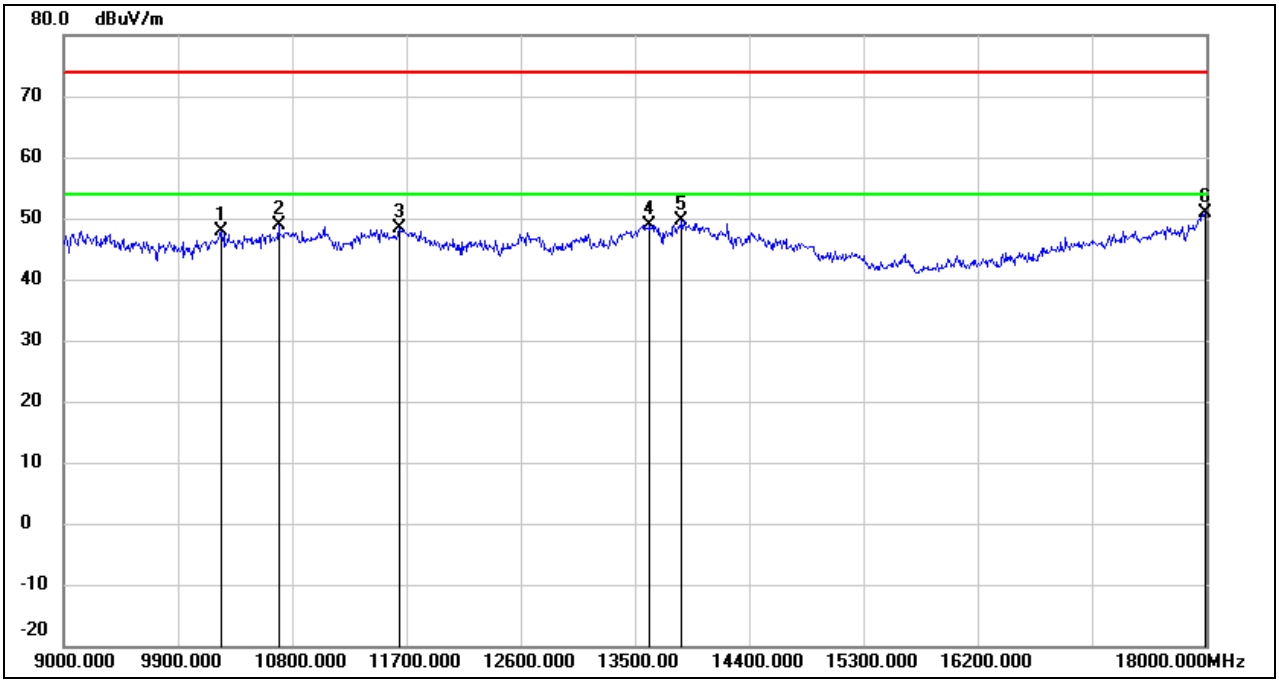
Test Mode:	802.11ax HE40	Channel:	6405 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	36.62	12.57	49.19	74.00	-24.81	peak
2	11043.000	34.97	14.90	49.87	74.00	-24.13	peak
3	11826.000	32.80	17.42	50.22	74.00	-23.78	peak
4	13860.000	27.25	21.59	48.84	74.00	-25.16	peak
5	17595.000	26.55	22.57	49.12	74.00	-24.88	peak
6	18000.000	25.65	25.16	50.81	74.00	-23.19	peak

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

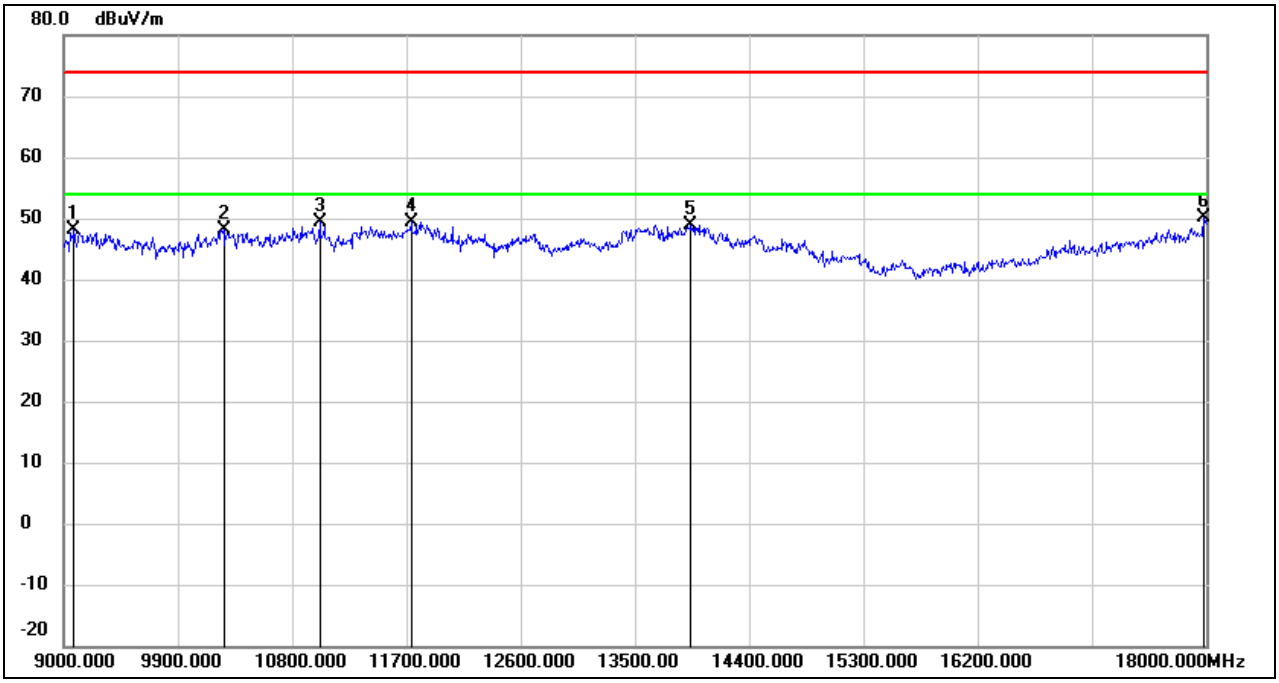
Test Mode:	802.11ax HE40	Channel:	6445 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.36	12.58	47.94	74.00	-26.06	peak
2	10692.000	35.19	13.75	48.94	74.00	-25.06	peak
3	11646.000	31.53	16.94	48.47	74.00	-25.53	peak
4	13617.000	27.75	21.06	48.81	74.00	-25.19	peak
5	13869.000	27.95	21.59	49.54	74.00	-24.46	peak
6	17991.000	25.88	25.11	50.99	74.00	-23.01	peak

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

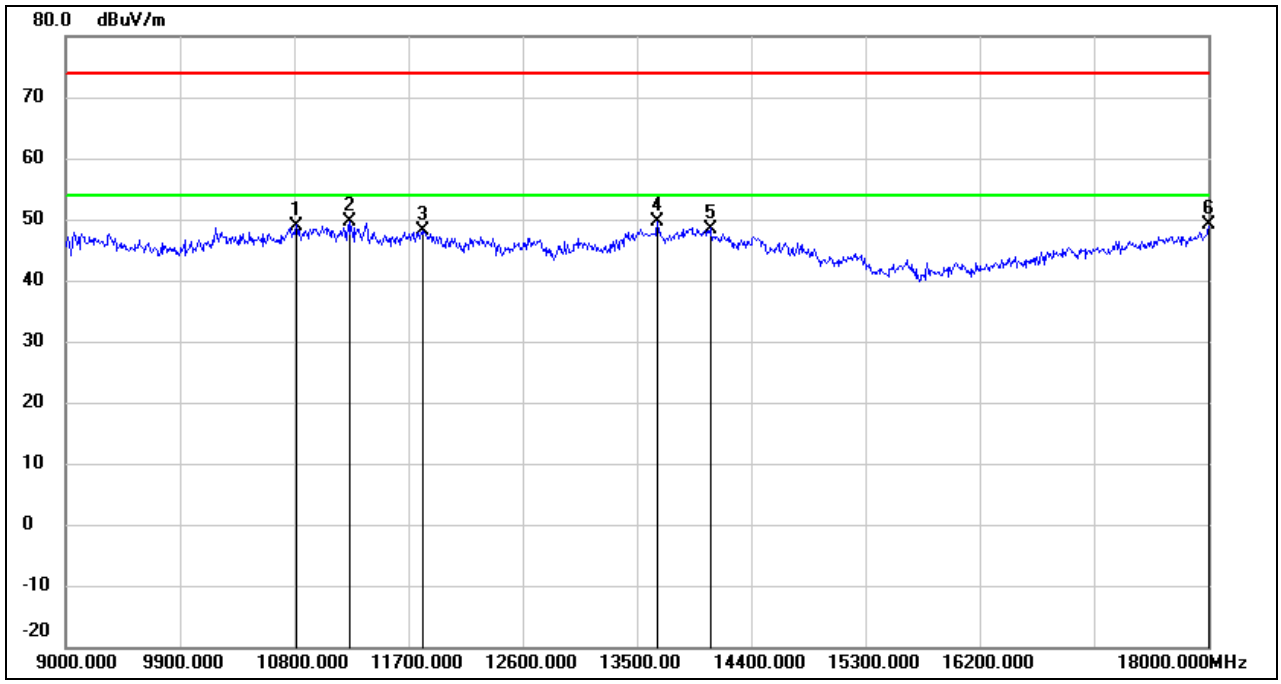
Test Mode:	802.11ax HE40	Channel:	6445 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9081.000	37.27	10.82	48.09	74.00	-25.91	peak
2	10260.000	35.58	12.62	48.20	74.00	-25.80	peak
3	11016.000	34.60	14.81	49.41	74.00	-24.59	peak
4	11736.000	32.23	17.18	49.41	74.00	-24.59	peak
5	13941.000	27.09	21.75	48.84	74.00	-25.16	peak
6	17982.000	25.04	25.04	50.08	74.00	-23.92	peak

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

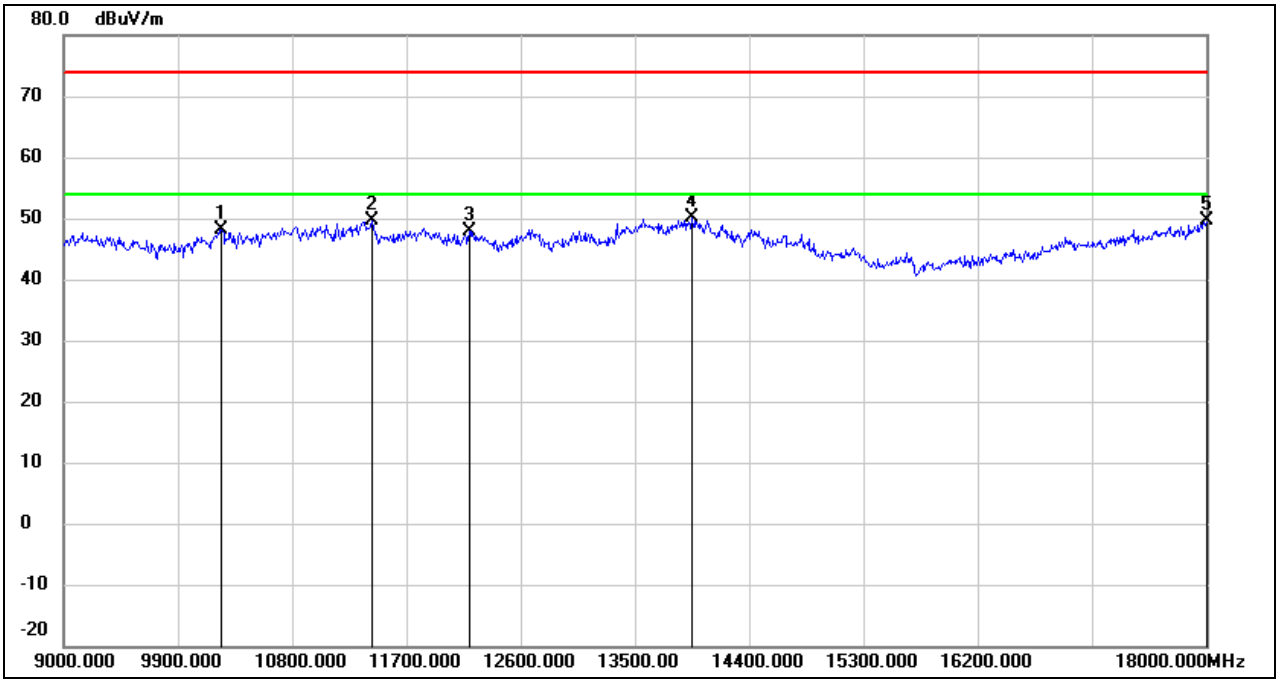
Test Mode:	802.11ax HE40	Channel:	6485 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10818.000	34.83	14.17	49.00	74.00	-25.00	peak
2	11241.000	33.90	15.61	49.51	74.00	-24.49	peak
3	11808.000	30.73	17.38	48.11	74.00	-25.89	peak
4	13662.000	28.56	21.16	49.72	74.00	-24.28	peak
5	14076.000	26.96	21.54	48.50	74.00	-25.50	peak
6	18000.000	23.85	25.16	49.01	74.00	-24.99	peak

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

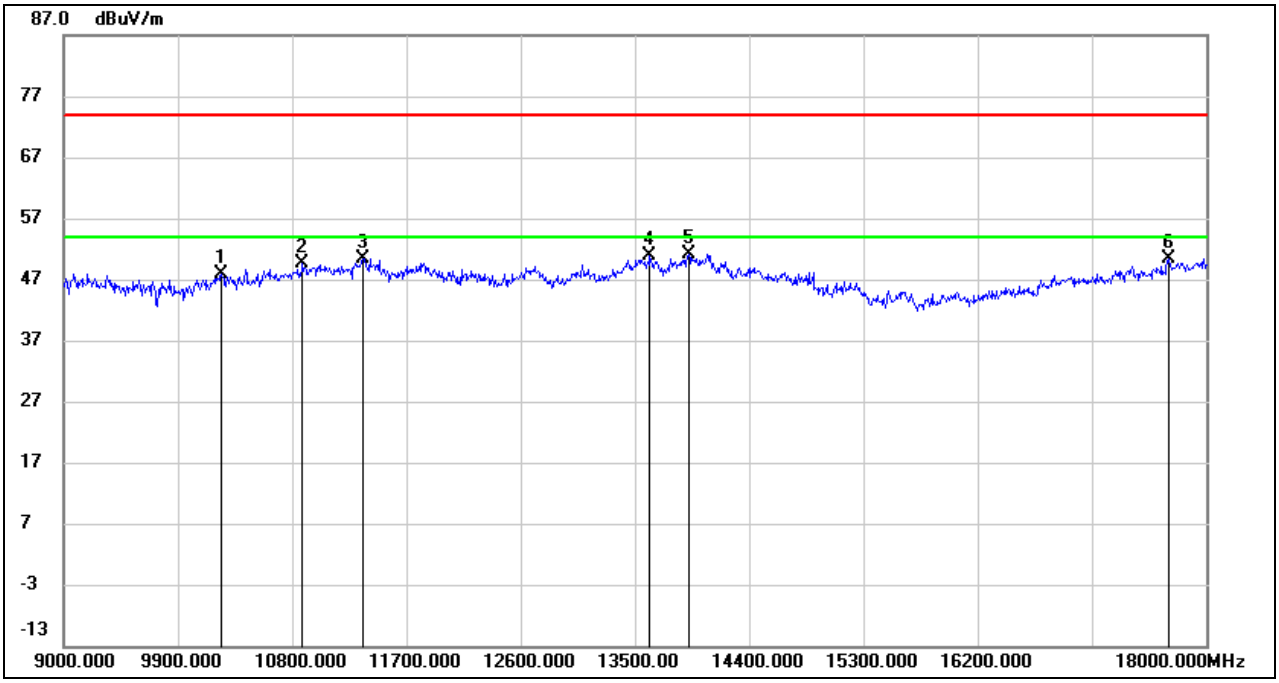
Test Mode:	802.11ax HE40	Channel:	6485 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.62	12.58	48.20	74.00	-25.80	peak
2	11430.000	33.36	16.28	49.64	74.00	-24.36	peak
3	12195.000	30.12	17.76	47.88	74.00	-26.12	peak
4	13950.000	28.32	21.78	50.10	74.00	-23.90	peak
5	18000.000	24.56	25.16	49.72	74.00	-24.28	peak

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

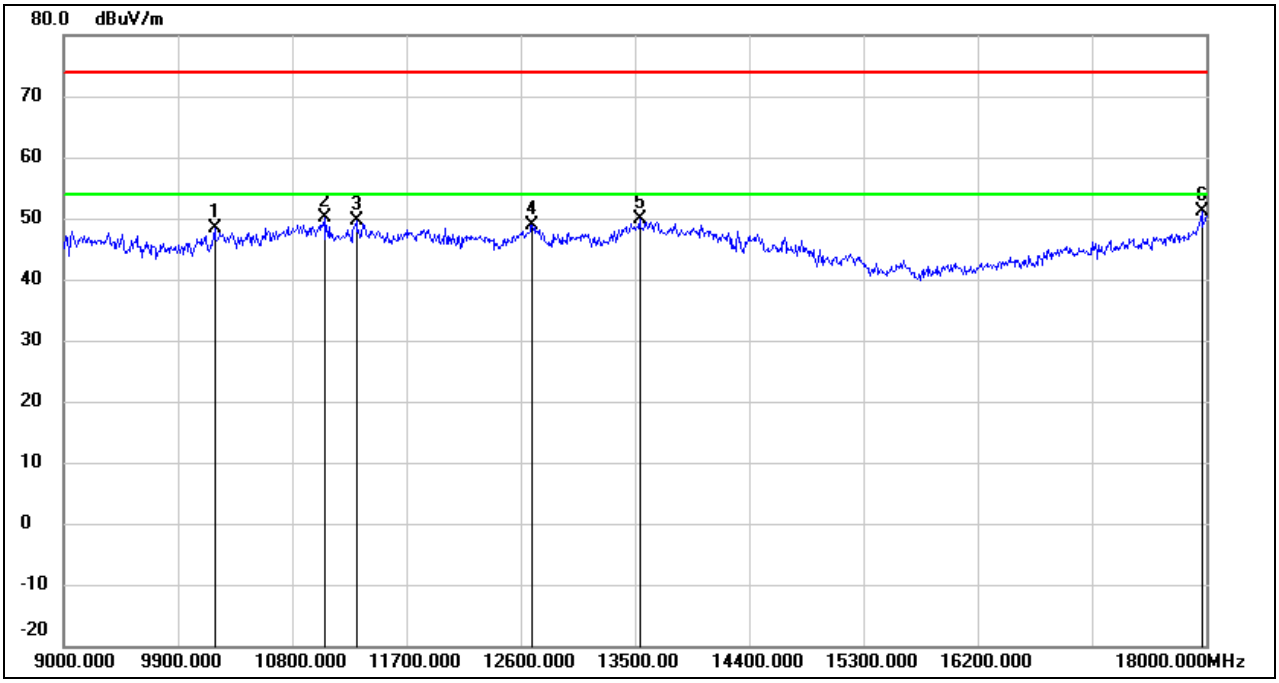
Test Mode:	802.11ax HE40	Channel:	6525 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.31	12.58	47.89	74.00	-26.11	peak
2	10881.000	35.24	14.35	49.59	74.00	-24.41	peak
3	11358.000	34.45	16.03	50.48	74.00	-23.52	peak
4	13617.000	29.71	21.06	50.77	74.00	-23.23	peak
5	13923.000	29.45	21.72	51.17	74.00	-22.83	peak
6	17703.000	27.15	23.26	50.41	74.00	-23.59	peak

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

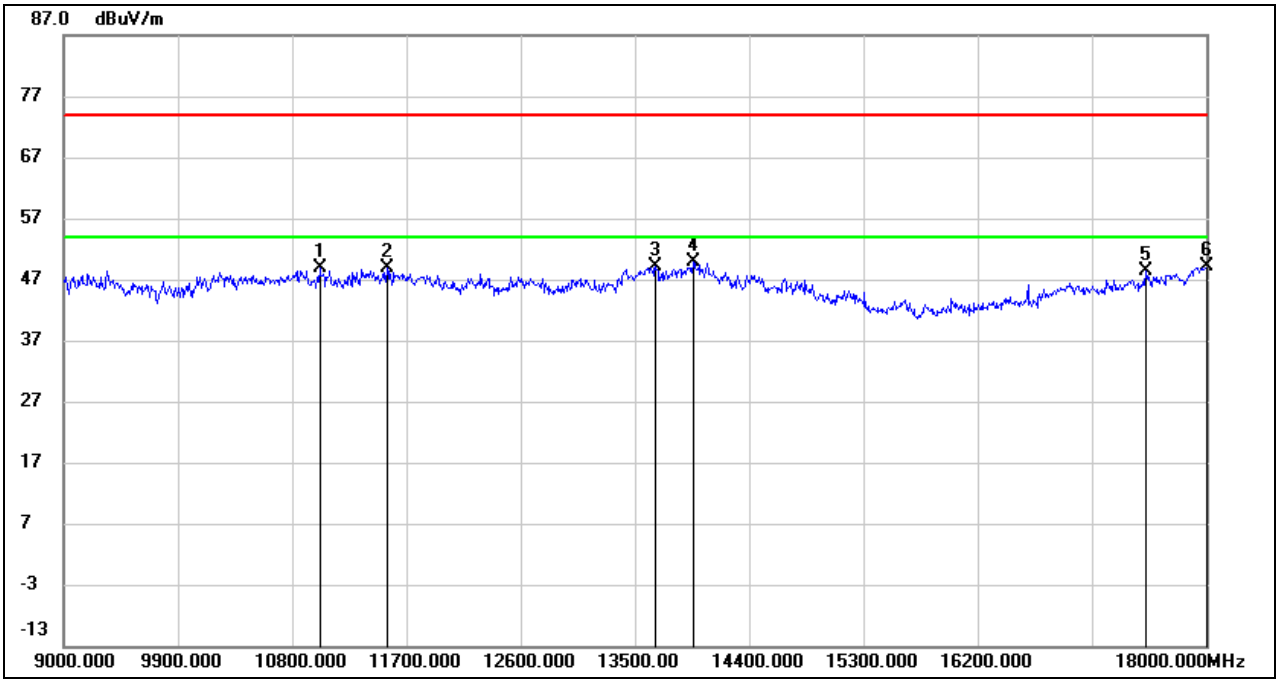
Test Mode:	802.11ax HE40	Channel:	6525 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10188.000	35.96	12.47	48.43	74.00	-25.57	peak
2	11052.000	35.16	14.94	50.10	74.00	-23.90	peak
3	11304.000	33.78	15.84	49.62	74.00	-24.38	peak
4	12690.000	30.91	18.05	48.96	74.00	-25.04	peak
5	13536.000	28.97	20.90	49.87	74.00	-24.13	peak
6	17964.000	26.28	24.92	51.20	74.00	-22.80	peak

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

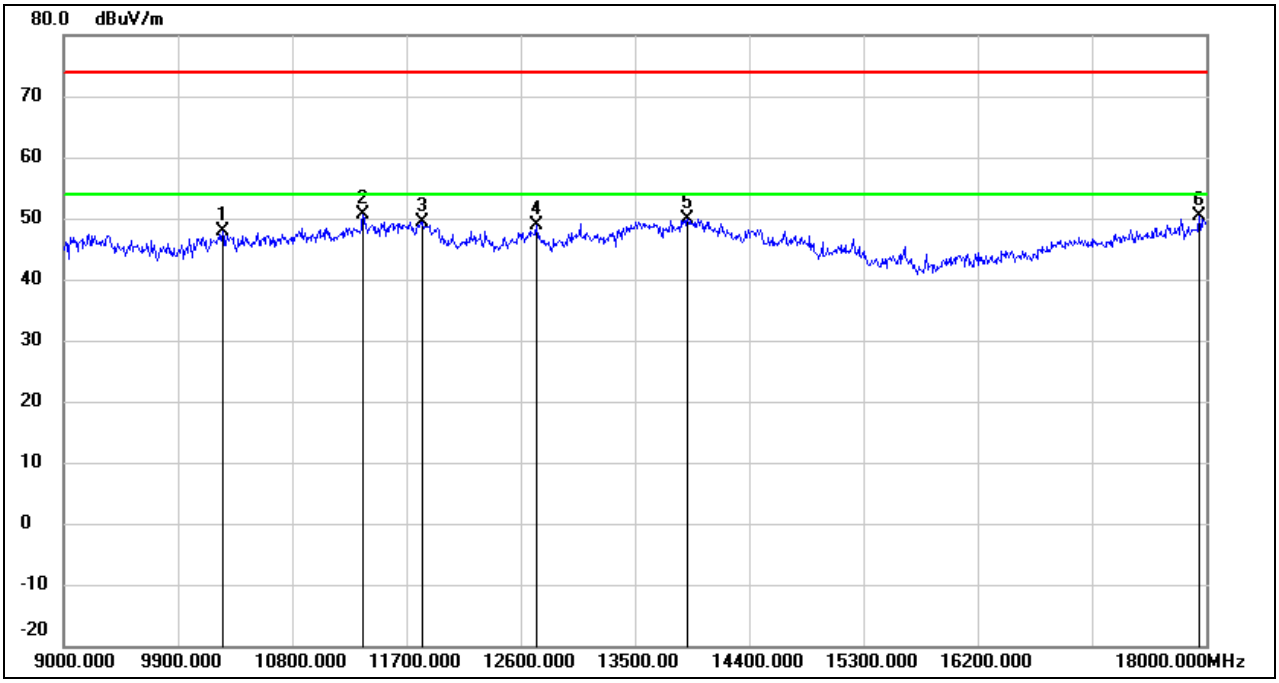
Test Mode:	802.11ax HE40	Channel:	6725 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11016.000	34.14	14.81	48.95	74.00	-25.05	peak
2	11547.000	32.11	16.66	48.77	74.00	-25.23	peak
3	13662.000	27.90	21.16	49.06	74.00	-24.94	peak
4	13959.000	27.97	21.79	49.76	74.00	-24.24	peak
5	17523.000	26.20	22.11	48.31	74.00	-25.69	peak
6	18000.000	23.91	25.16	49.07	74.00	-24.93	peak

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

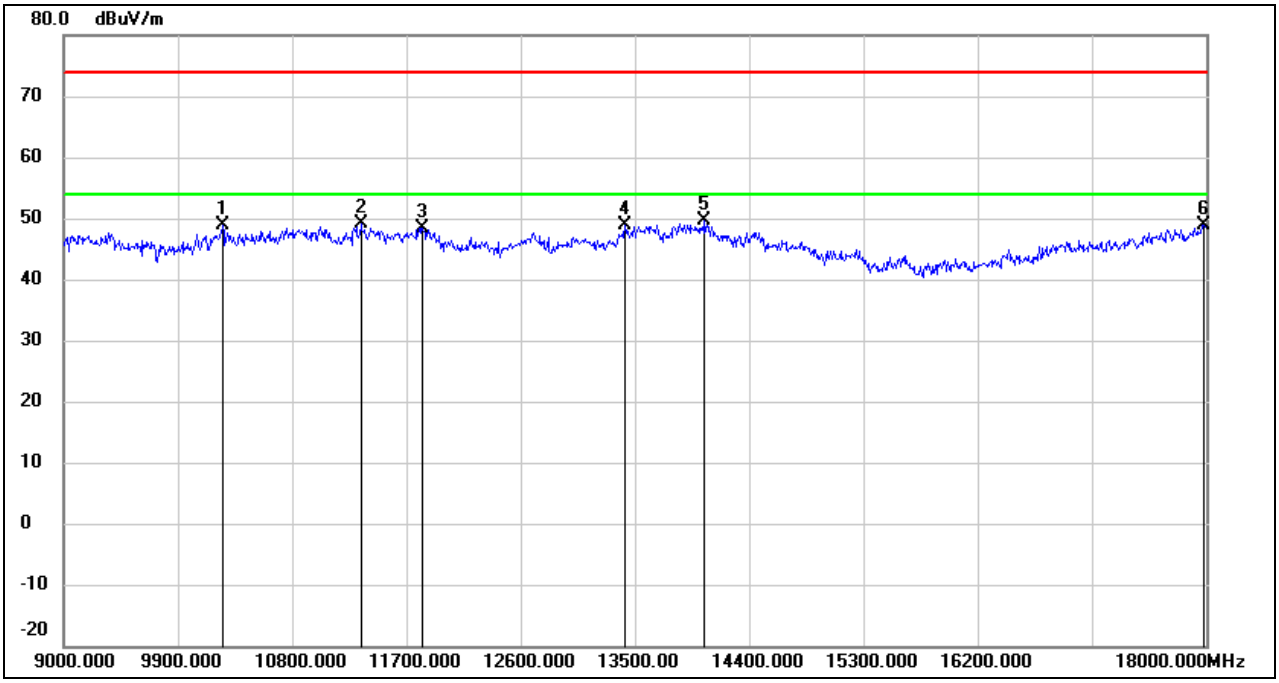
Test Mode:	802.11ax HE40	Channel:	6725 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	35.28	12.61	47.89	74.00	-26.11	peak
2	11358.000	34.68	16.03	50.71	74.00	-23.29	peak
3	11826.000	31.95	17.42	49.37	74.00	-24.63	peak
4	12726.000	30.63	18.14	48.77	74.00	-25.23	peak
5	13914.000	28.21	21.69	49.90	74.00	-24.10	peak
6	17946.000	25.46	24.82	50.28	74.00	-23.72	peak

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

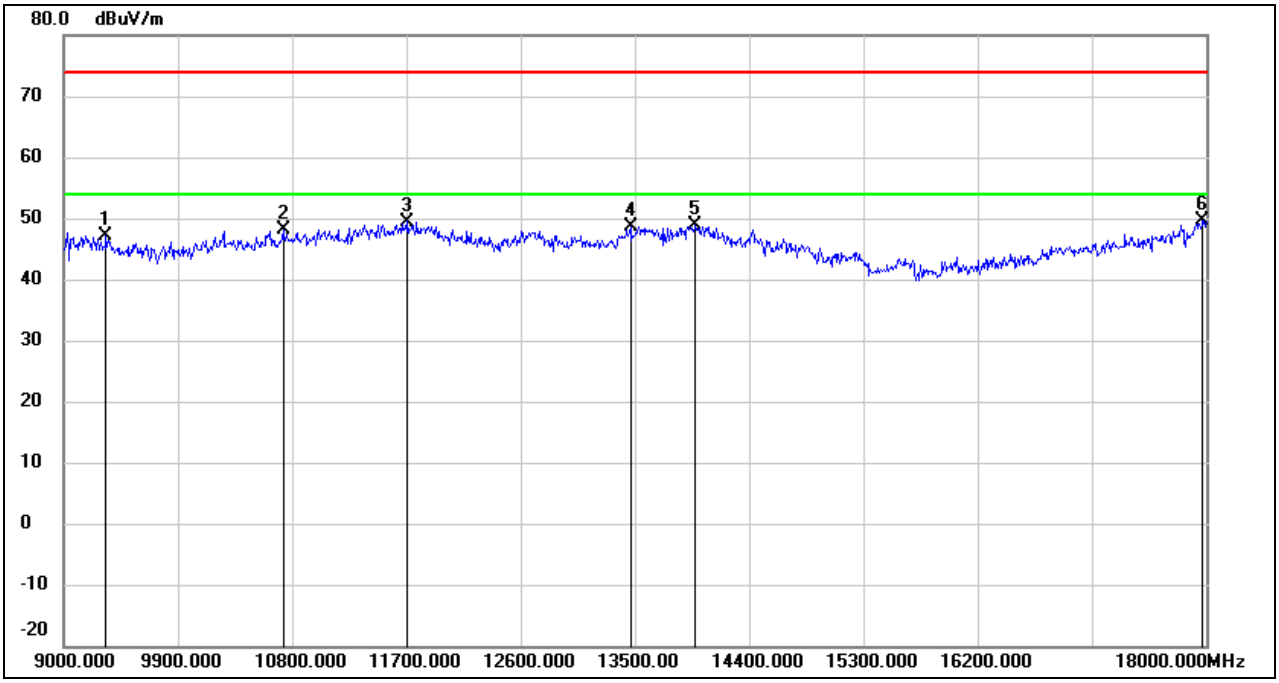
Test Mode:	802.11ax HE40	Channel:	6845 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	36.21	12.61	48.82	74.00	-25.18	peak
2	11340.000	33.23	15.96	49.19	74.00	-24.81	peak
3	11826.000	31.08	17.42	48.50	74.00	-25.50	peak
4	13419.000	28.29	20.50	48.79	74.00	-25.21	peak
5	14049.000	28.06	21.66	49.72	74.00	-24.28	peak
6	17982.000	23.88	25.04	48.92	74.00	-25.08	peak

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

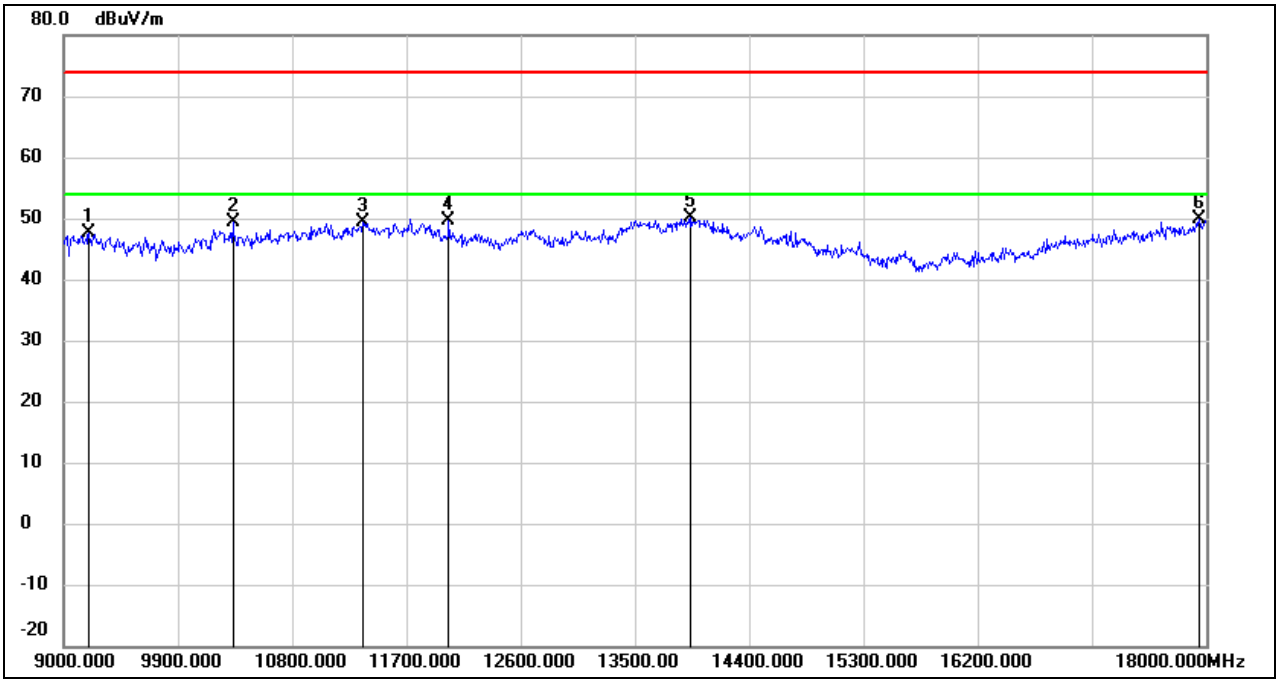
Test Mode:	802.11ax HE40	Channel:	6845 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9333.000	36.28	10.86	47.14	74.00	-26.86	peak
2	10728.000	34.18	13.87	48.05	74.00	-25.95	peak
3	11709.000	32.39	17.11	49.50	74.00	-24.50	peak
4	13464.000	27.92	20.67	48.59	74.00	-25.41	peak
5	13977.000	26.98	21.83	48.81	74.00	-25.19	peak
6	17973.000	24.73	24.99	49.72	74.00	-24.28	peak

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

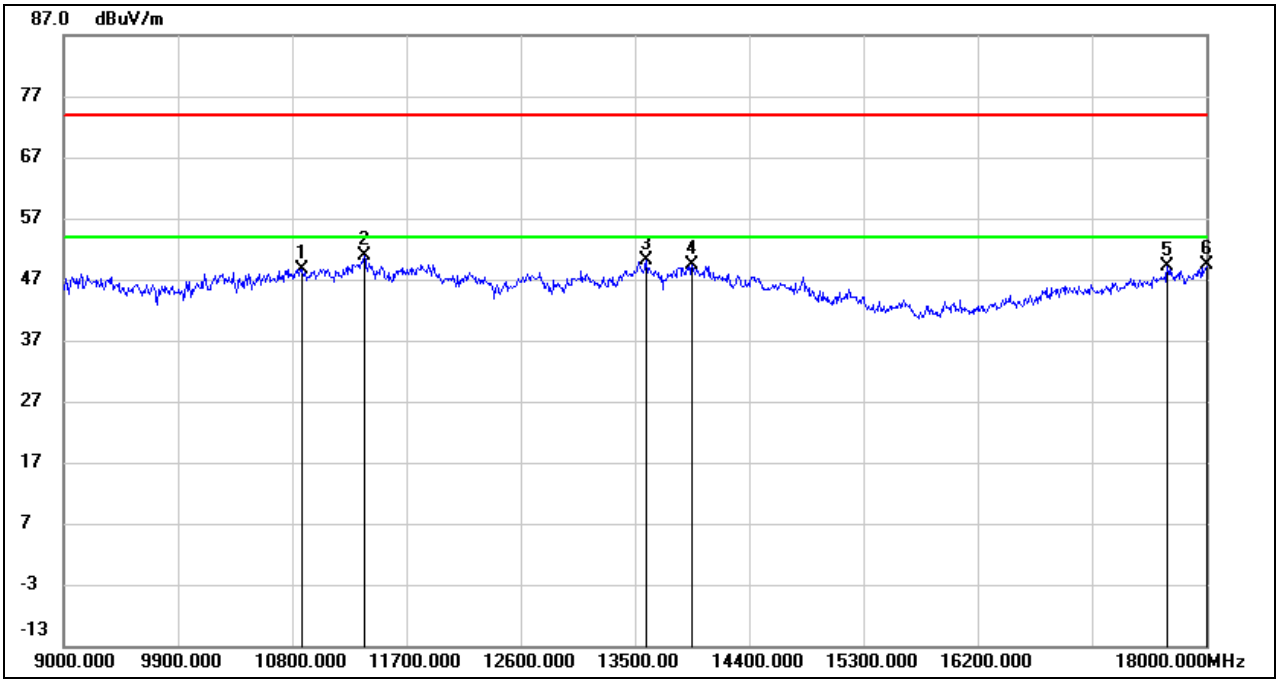
Test Mode:	802.11ax HE40	Channel:	6885 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9198.000	36.83	10.85	47.68	74.00	-26.32	peak
2	10332.000	36.59	12.77	49.36	74.00	-24.64	peak
3	11358.000	33.26	16.03	49.29	74.00	-24.71	peak
4	12033.000	31.73	17.88	49.61	74.00	-24.39	peak
5	13941.000	28.37	21.75	50.12	74.00	-23.88	peak
6	17946.000	25.01	24.82	49.83	74.00	-24.17	peak

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

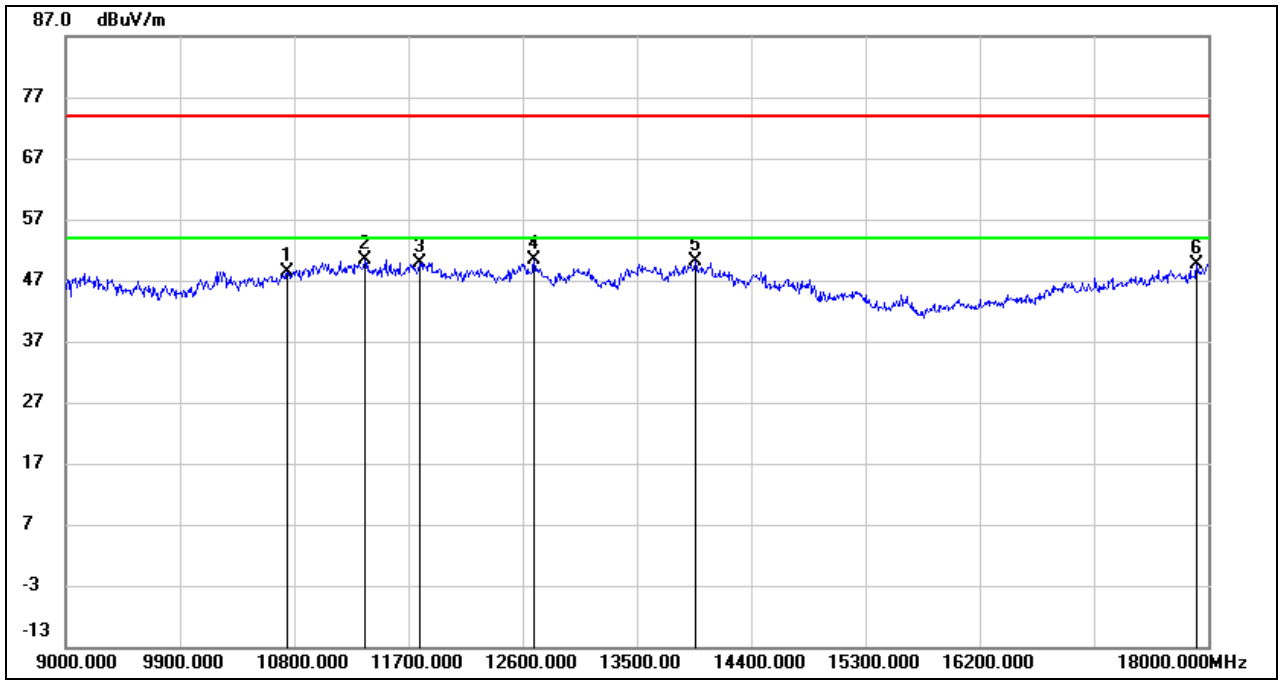
Test Mode:	802.11ax HE40	Channel:	6885 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10881.000	34.39	14.35	48.74	74.00	-25.26	peak
2	11367.000	34.73	16.05	50.78	74.00	-23.22	peak
3	13590.000	29.08	21.00	50.08	74.00	-23.92	peak
4	13950.000	27.62	21.78	49.40	74.00	-24.60	peak
5	17694.000	25.83	23.20	49.03	74.00	-24.97	peak
6	18000.000	24.14	25.16	49.30	74.00	-24.70	peak

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

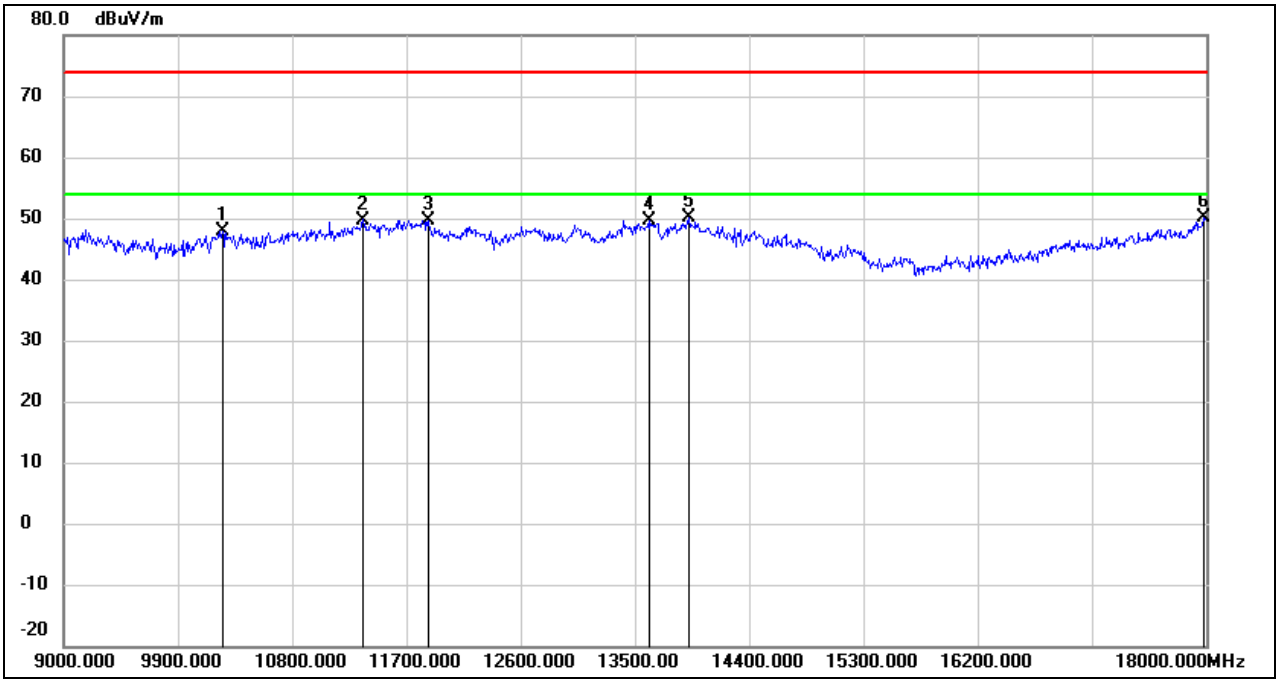
Test Mode:	802.11ax HE40	Channel:	7005 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10746.000	34.56	13.91	48.47	74.00	-25.53	peak
2	11358.000	34.33	16.03	50.36	74.00	-23.64	peak
3	11790.000	32.62	17.33	49.95	74.00	-24.05	peak
4	12690.000	32.21	18.05	50.26	74.00	-23.74	peak
5	13959.000	28.25	21.79	50.04	74.00	-23.96	peak
6	17910.000	25.05	24.59	49.64	74.00	-24.36	peak

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

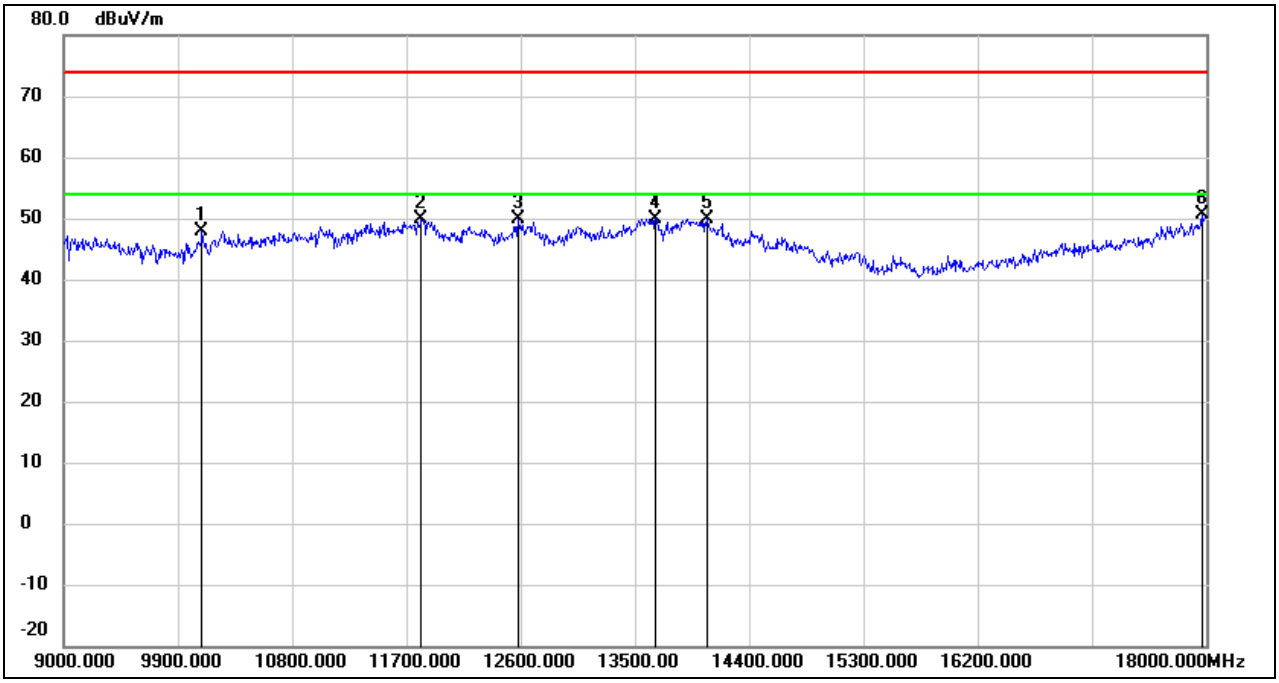
Test Mode:	802.11ax HE40	Channel:	7005 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	35.32	12.61	47.93	74.00	-26.07	peak
2	11358.000	33.72	16.03	49.75	74.00	-24.25	peak
3	11871.000	32.16	17.56	49.72	74.00	-24.28	peak
4	13608.000	28.69	21.05	49.74	74.00	-24.26	peak
5	13923.000	28.34	21.72	50.06	74.00	-23.94	peak
6	17982.000	25.05	25.04	50.09	74.00	-23.91	peak

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

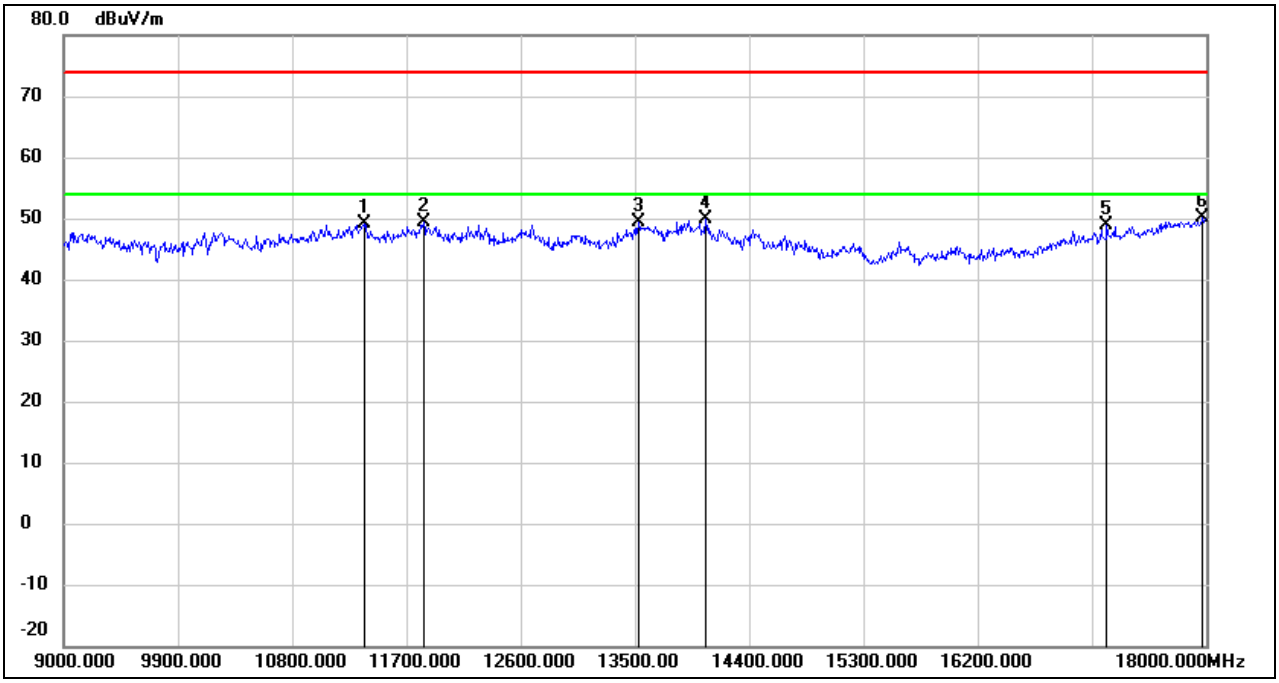
Test Mode:	802.11ax HE40	Channel:	7085 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10089.000	35.73	12.26	47.99	74.00	-26.01	peak
2	11817.000	32.42	17.40	49.82	74.00	-24.18	peak
3	12582.000	32.07	17.76	49.83	74.00	-24.17	peak
4	13662.000	28.84	21.16	50.00	74.00	-24.00	peak
5	14067.000	28.36	21.59	49.95	74.00	-24.05	peak
6	17964.000	25.68	24.92	50.60	74.00	-23.40	peak

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

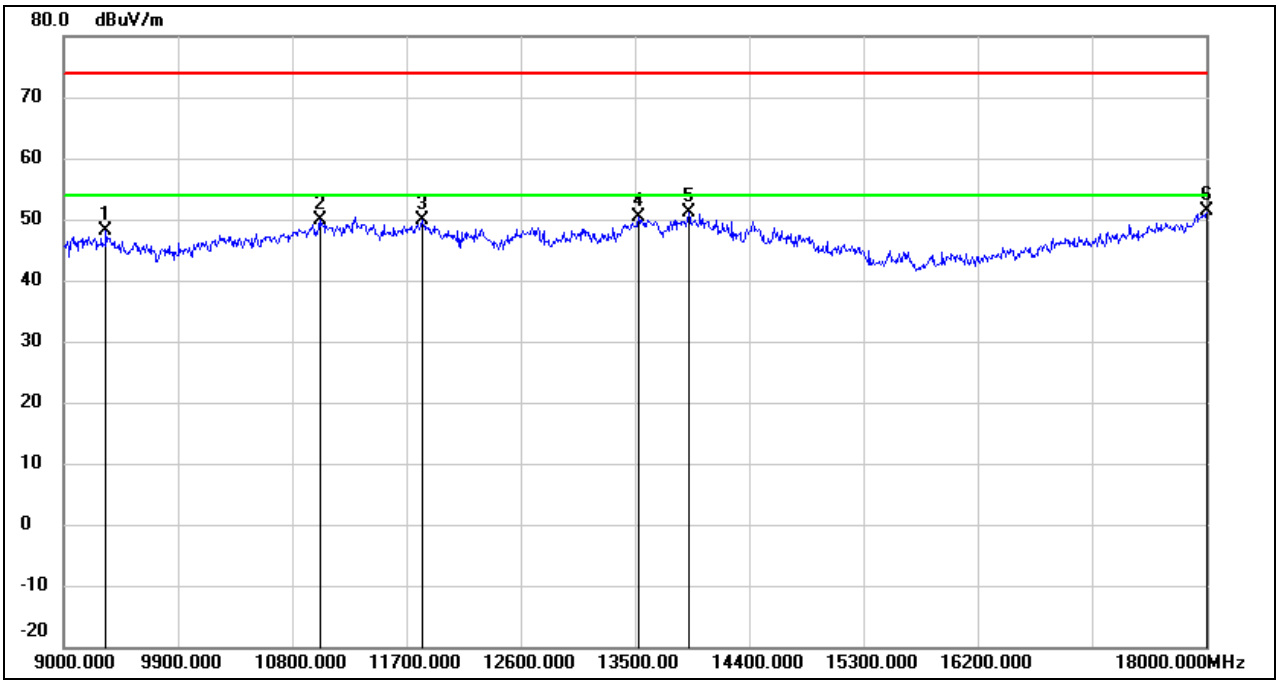
Test Mode:	802.11ax HE40	Channel:	7085 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11367.000	33.19	16.05	49.24	74.00	-24.76	peak
2	11835.000	31.86	17.46	49.32	74.00	-24.68	peak
3	13527.000	28.58	20.87	49.45	74.00	-24.55	peak
4	14058.000	28.20	21.62	49.82	74.00	-24.18	peak
5	17217.000	27.92	20.88	48.80	74.00	-25.20	peak
6	17973.000	25.13	24.99	50.12	74.00	-23.88	peak

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

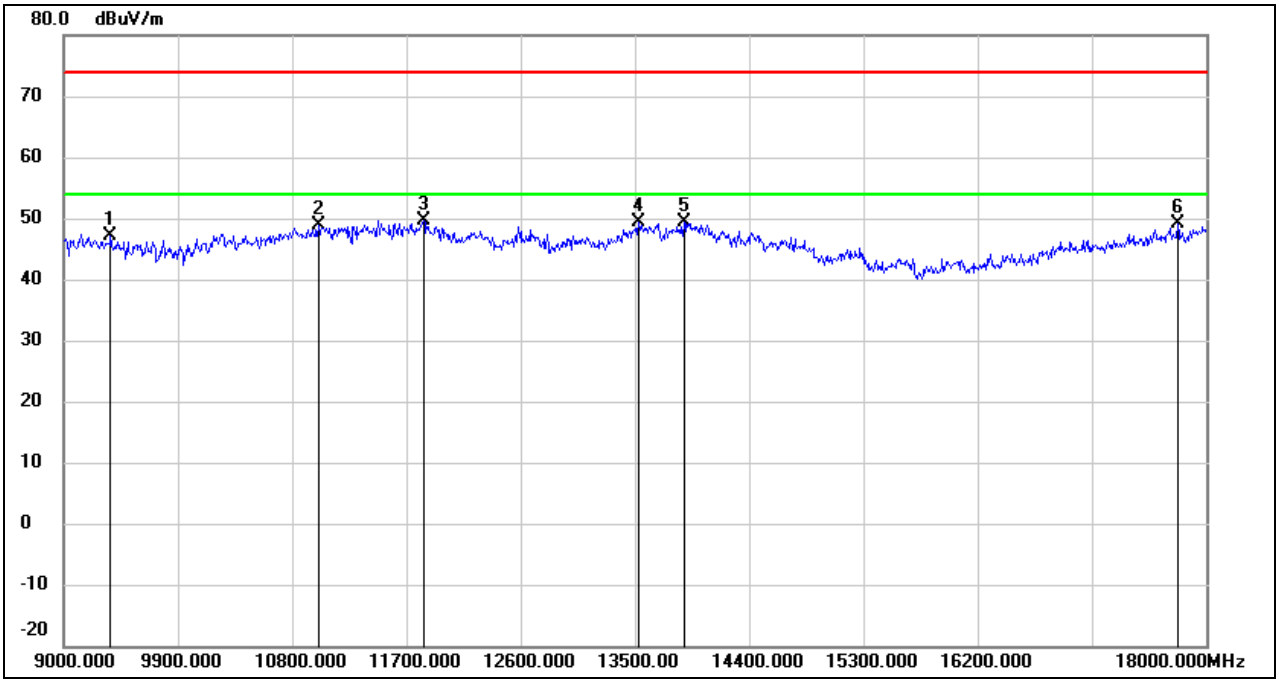
Test Mode:	802.11ax HE80	Channel:	6145 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9333.000	37.30	10.86	48.16	74.00	-25.84	peak
2	11016.000	35.07	14.81	49.88	74.00	-24.12	peak
3	11826.000	32.47	17.42	49.89	74.00	-24.11	peak
4	13527.000	29.51	20.87	50.38	74.00	-23.62	peak
5	13923.000	29.33	21.72	51.05	74.00	-22.95	peak
6	18000.000	26.10	25.16	51.26	74.00	-22.74	peak

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

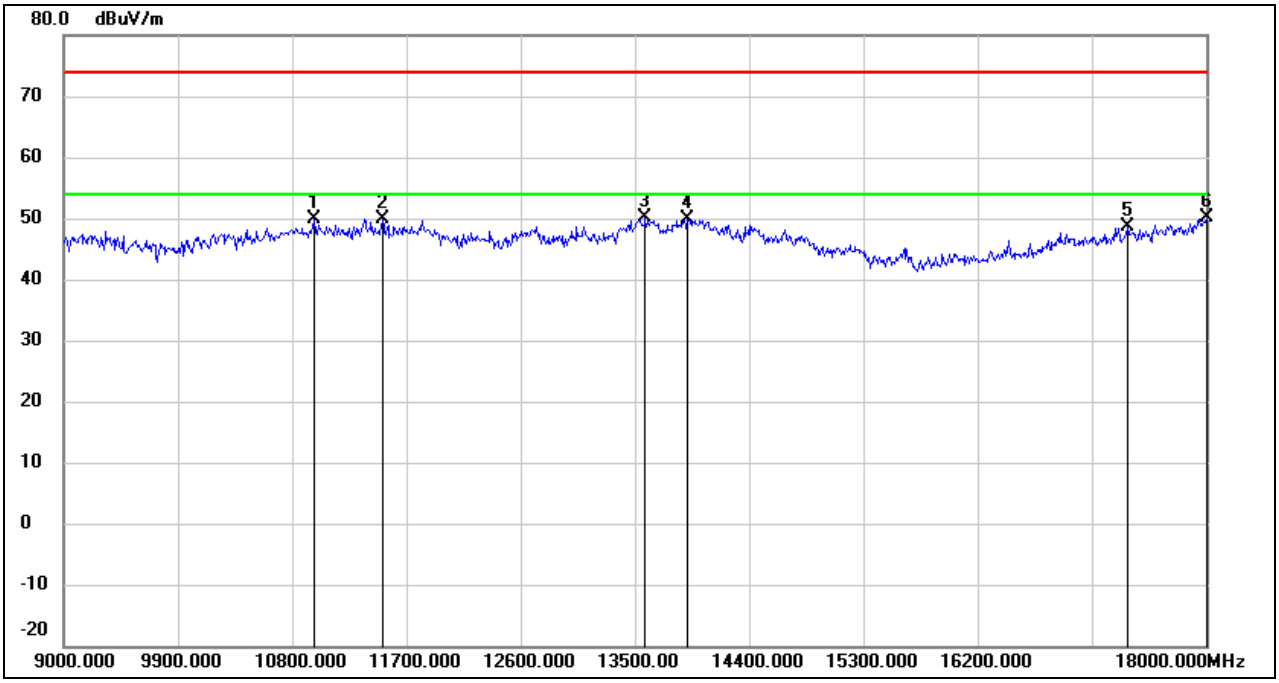
Test Mode:	802.11ax HE80	Channel:	6145 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9369.000	36.29	10.87	47.16	74.00	-26.84	peak
2	11007.000	34.03	14.77	48.80	74.00	-25.20	peak
3	11835.000	32.09	17.46	49.55	74.00	-24.45	peak
4	13527.000	28.46	20.87	49.33	74.00	-24.67	peak
5	13887.000	27.68	21.64	49.32	74.00	-24.68	peak
6	17775.000	25.31	23.72	49.03	74.00	-24.97	peak

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

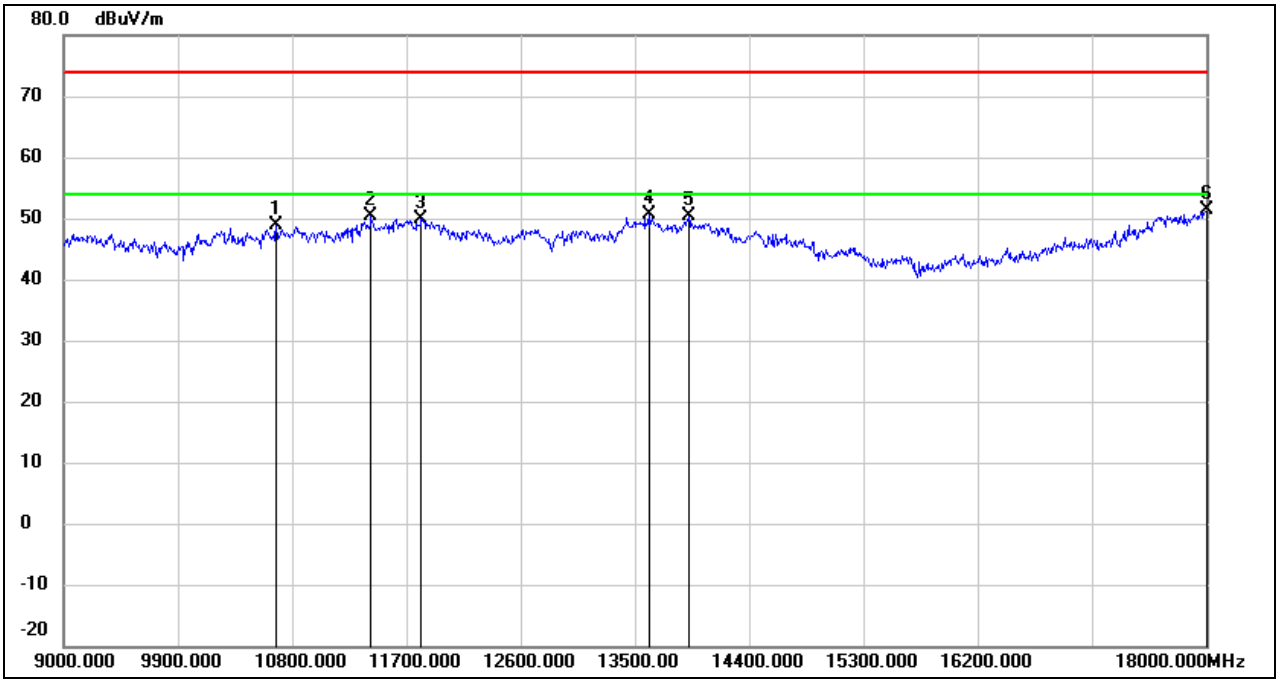
Test Mode:	802.11ax HE80	Channel:	6225 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10971.000	35.16	14.65	49.81	74.00	-24.19	peak
2	11511.000	33.26	16.56	49.82	74.00	-24.18	peak
3	13581.000	29.20	20.99	50.19	74.00	-23.81	peak
4	13914.000	28.24	21.69	49.93	74.00	-24.07	peak
5	17379.000	27.16	21.49	48.65	74.00	-25.35	peak
6	18000.000	25.01	25.16	50.17	74.00	-23.83	peak

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

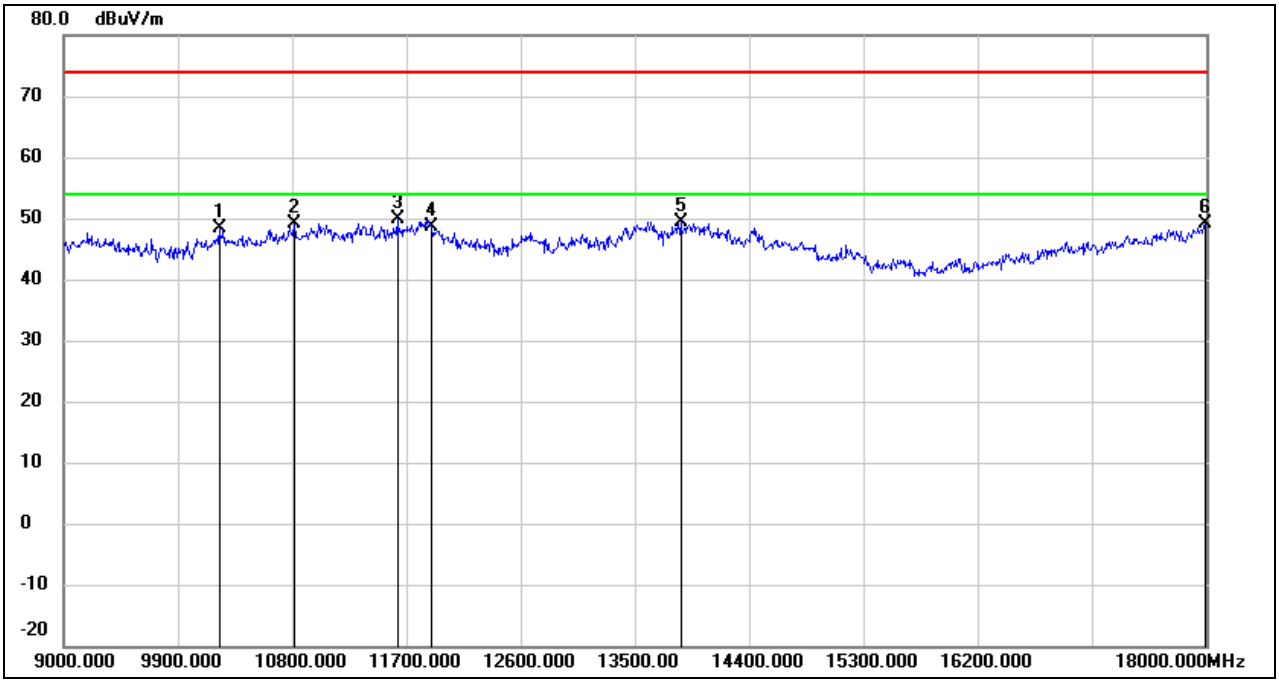
Test Mode:	802.11ax HE80	Channel:	6225 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10674.000	35.21	13.68	48.89	74.00	-25.11	peak
2	11421.000	34.16	16.25	50.41	74.00	-23.59	peak
3	11817.000	32.50	17.40	49.90	74.00	-24.10	peak
4	13608.000	29.54	21.05	50.59	74.00	-23.41	peak
5	13923.000	28.65	21.72	50.37	74.00	-23.63	peak
6	18000.000	26.22	25.16	51.38	74.00	-22.62	peak

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

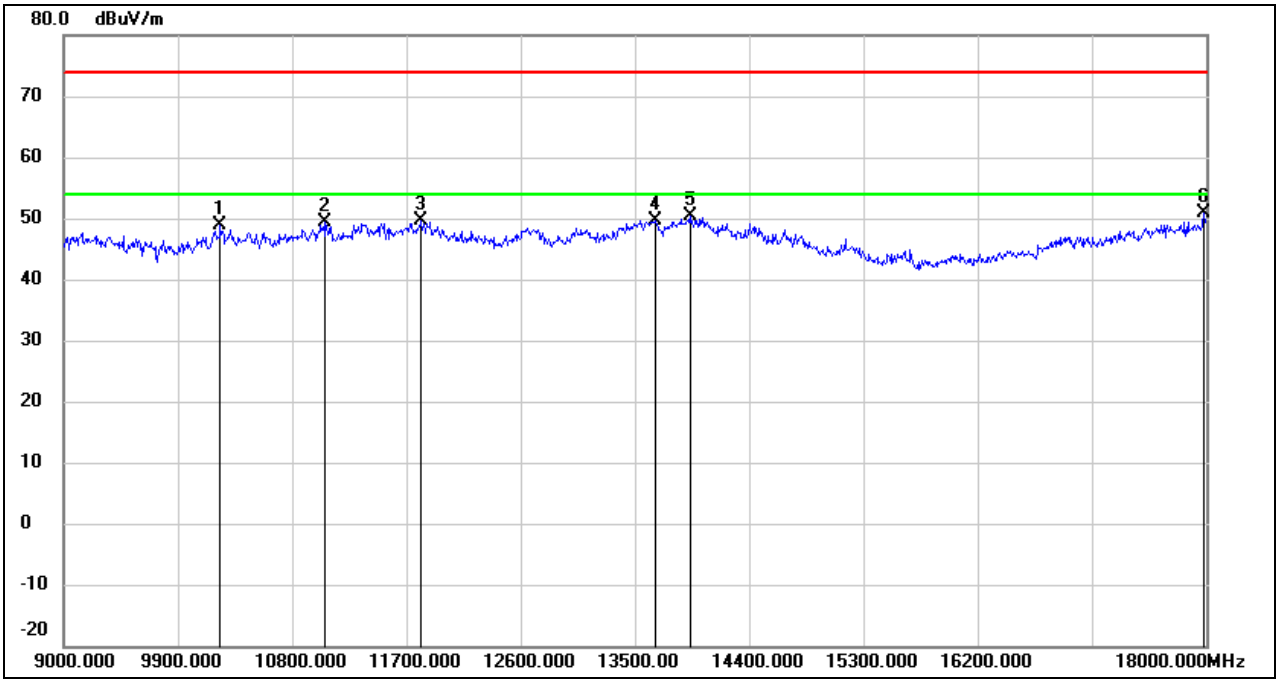
Test Mode:	802.11ax HE80	Channel:	6385 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10224.000	35.93	12.55	48.48	74.00	-25.52	peak
2	10818.000	35.00	14.17	49.17	74.00	-24.83	peak
3	11628.000	33.02	16.88	49.90	74.00	-24.10	peak
4	11898.000	30.98	17.63	48.61	74.00	-25.39	peak
5	13860.000	27.82	21.59	49.41	74.00	-24.59	peak
6	17991.000	23.90	25.11	49.01	74.00	-24.99	peak

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

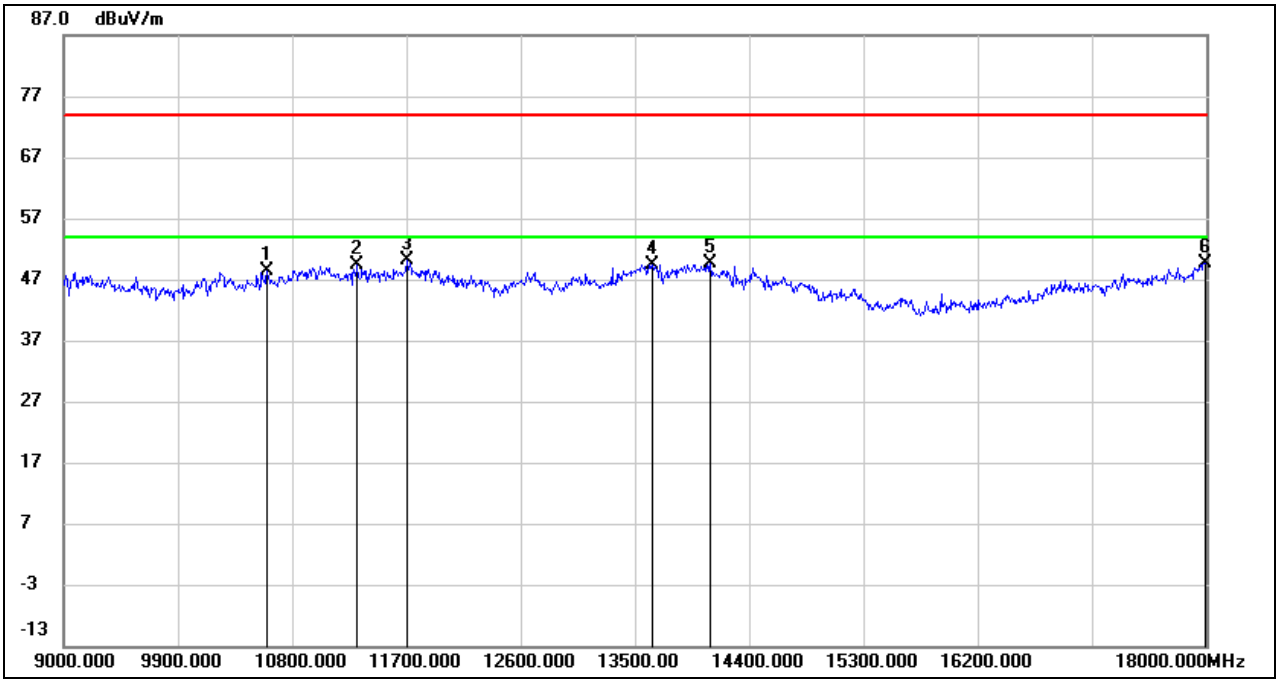
Test Mode:	802.11ax HE80	Channel:	6385 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	36.41	12.57	48.98	74.00	-25.02	peak
2	11052.000	34.35	14.94	49.29	74.00	-24.71	peak
3	11817.000	32.26	17.40	49.66	74.00	-24.34	peak
4	13662.000	28.54	21.16	49.70	74.00	-24.30	peak
5	13932.000	28.69	21.74	50.43	74.00	-23.57	peak
6	17982.000	25.74	25.04	50.78	74.00	-23.22	peak

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

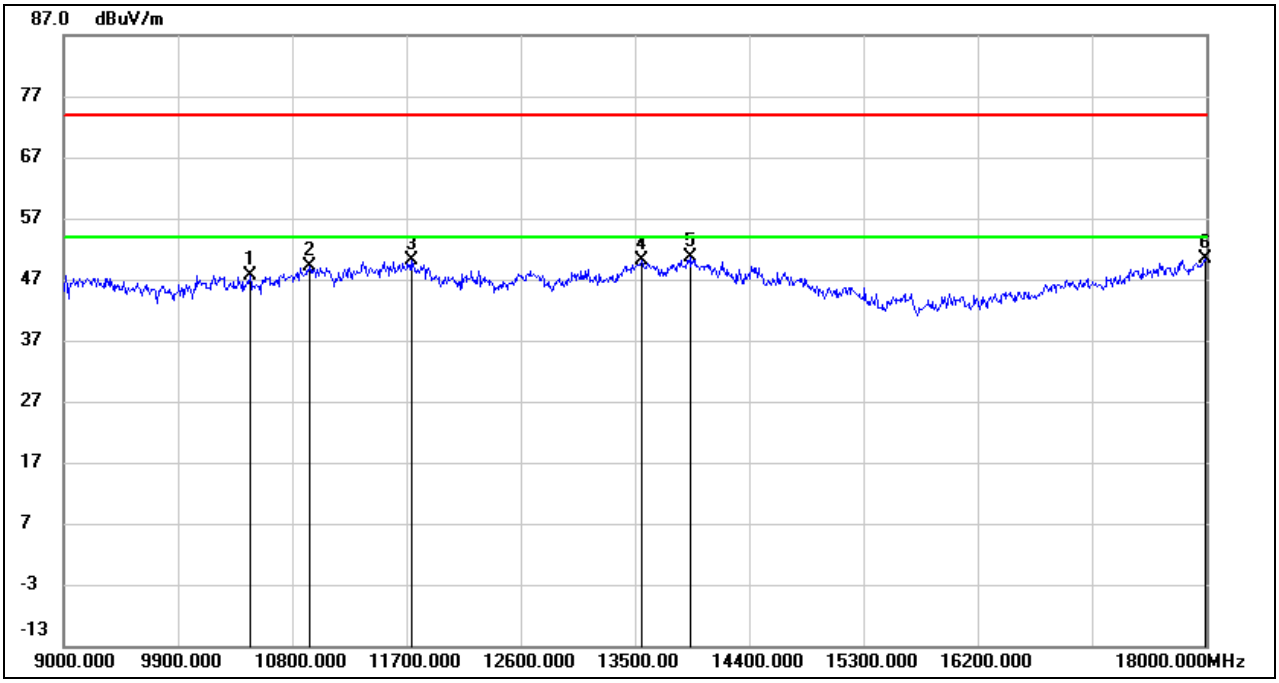
Test Mode:	802.11ax HE80	Channel:	6465 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10602.000	34.82	13.45	48.27	74.00	-25.73	peak
2	11313.000	33.46	15.86	49.32	74.00	-24.68	peak
3	11709.000	33.08	17.11	50.19	74.00	-23.81	peak
4	13635.000	28.32	21.10	49.42	74.00	-24.58	peak
5	14094.000	28.06	21.47	49.53	74.00	-24.47	peak
6	17991.000	24.55	25.11	49.66	74.00	-24.34	peak

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

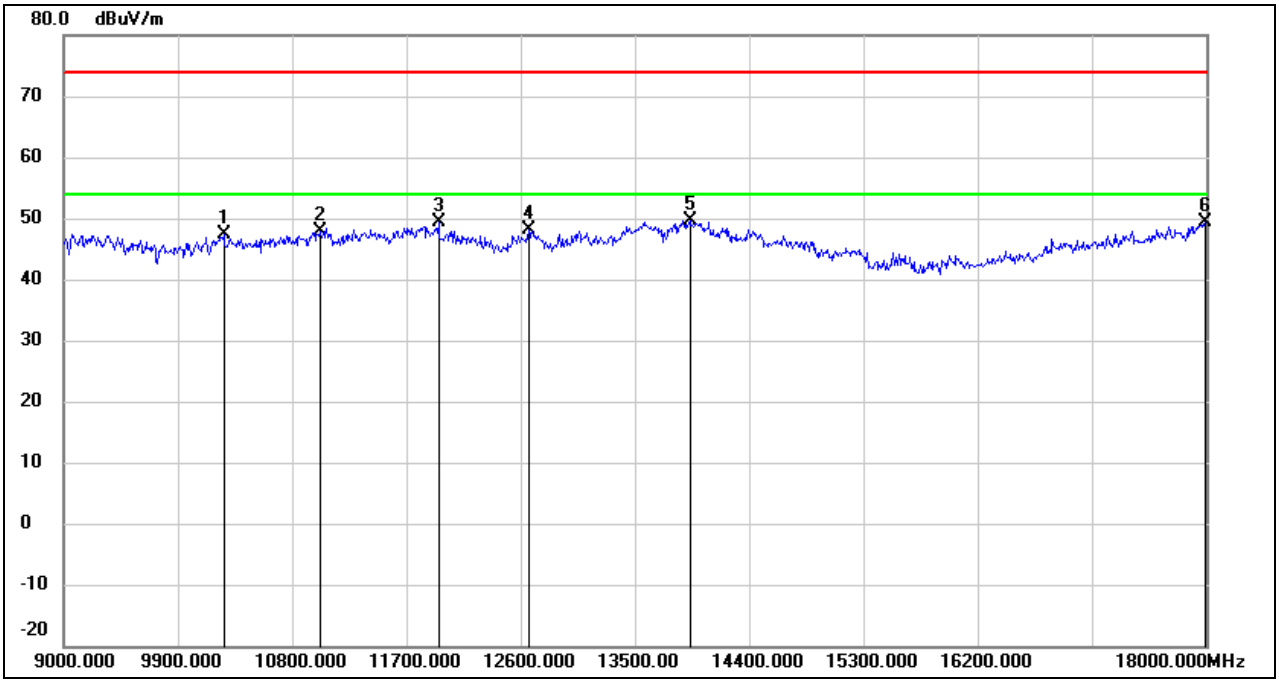
Test Mode:	802.11ax HE80	Channel:	6465 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10467.000	34.59	13.05	47.64	74.00	-26.36	peak
2	10935.000	34.65	14.54	49.19	74.00	-24.81	peak
3	11736.000	32.96	17.18	50.14	74.00	-23.86	peak
4	13554.000	29.17	20.92	50.09	74.00	-23.91	peak
5	13932.000	28.96	21.74	50.70	74.00	-23.30	peak
6	17991.000	25.38	25.11	50.49	74.00	-23.51	peak

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

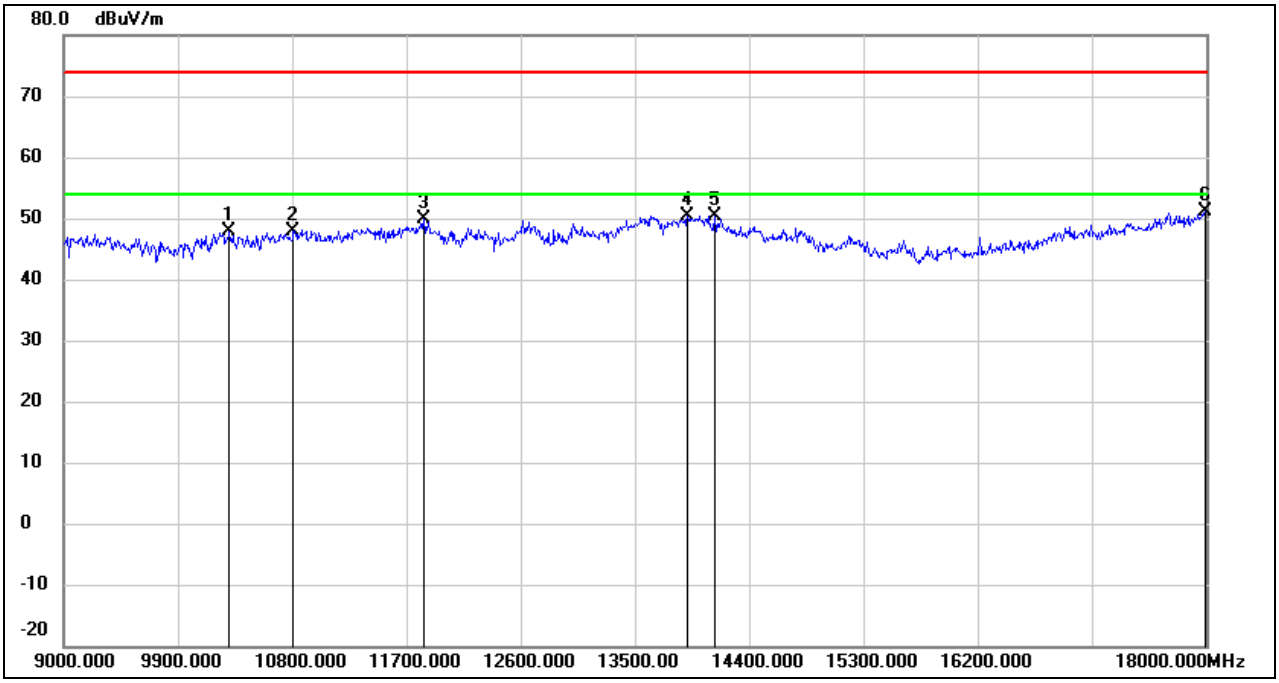
Test Mode:	802.11ax HE80	Channel:	6545 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10260.000	34.69	12.62	47.31	74.00	-26.69	peak
2	11016.000	33.10	14.81	47.91	74.00	-26.09	peak
3	11952.000	31.68	17.78	49.46	74.00	-24.54	peak
4	12663.000	30.11	17.98	48.09	74.00	-25.91	peak
5	13932.000	27.96	21.74	49.70	74.00	-24.30	peak
6	17991.000	24.31	25.11	49.42	74.00	-24.58	peak

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

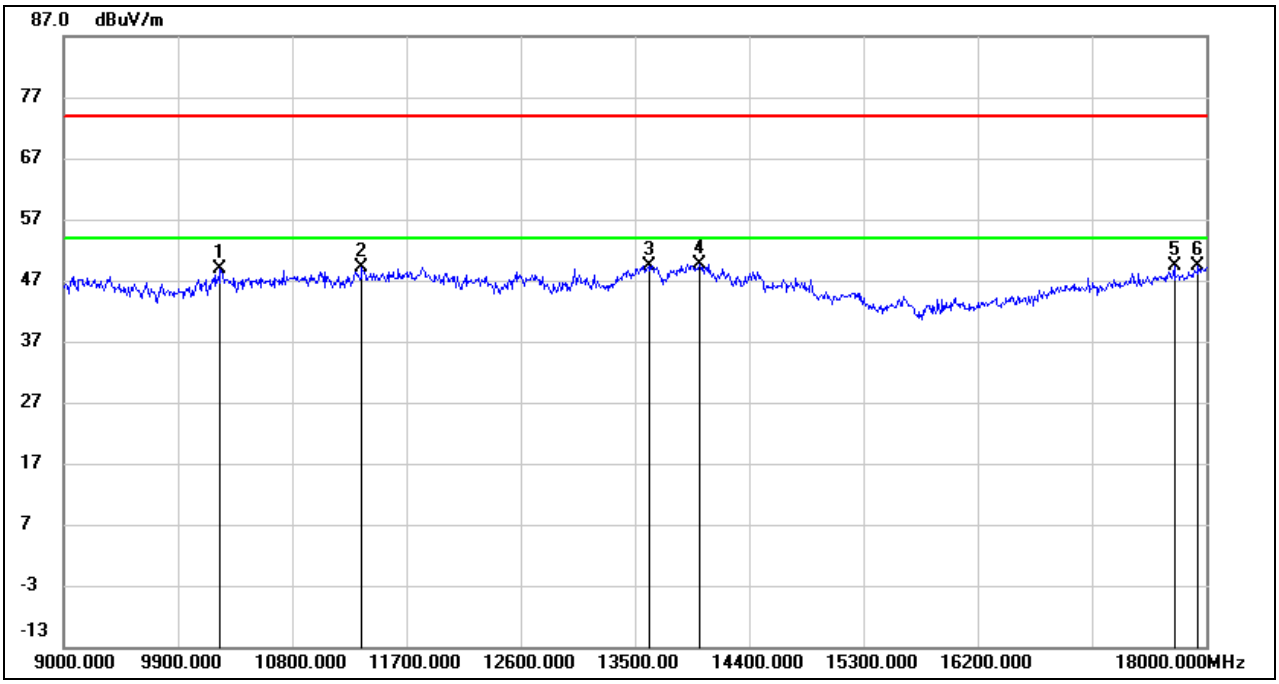
Test Mode:	802.11ax HE80	Channel:	6545 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10305.000	35.05	12.72	47.77	74.00	-26.23	peak
2	10809.000	33.66	14.12	47.78	74.00	-26.22	peak
3	11835.000	32.51	17.46	49.97	74.00	-24.03	peak
4	13914.000	28.71	21.69	50.40	74.00	-23.60	peak
5	14130.000	29.01	21.31	50.32	74.00	-23.68	peak
6	17991.000	25.94	25.11	51.05	74.00	-22.95	peak

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

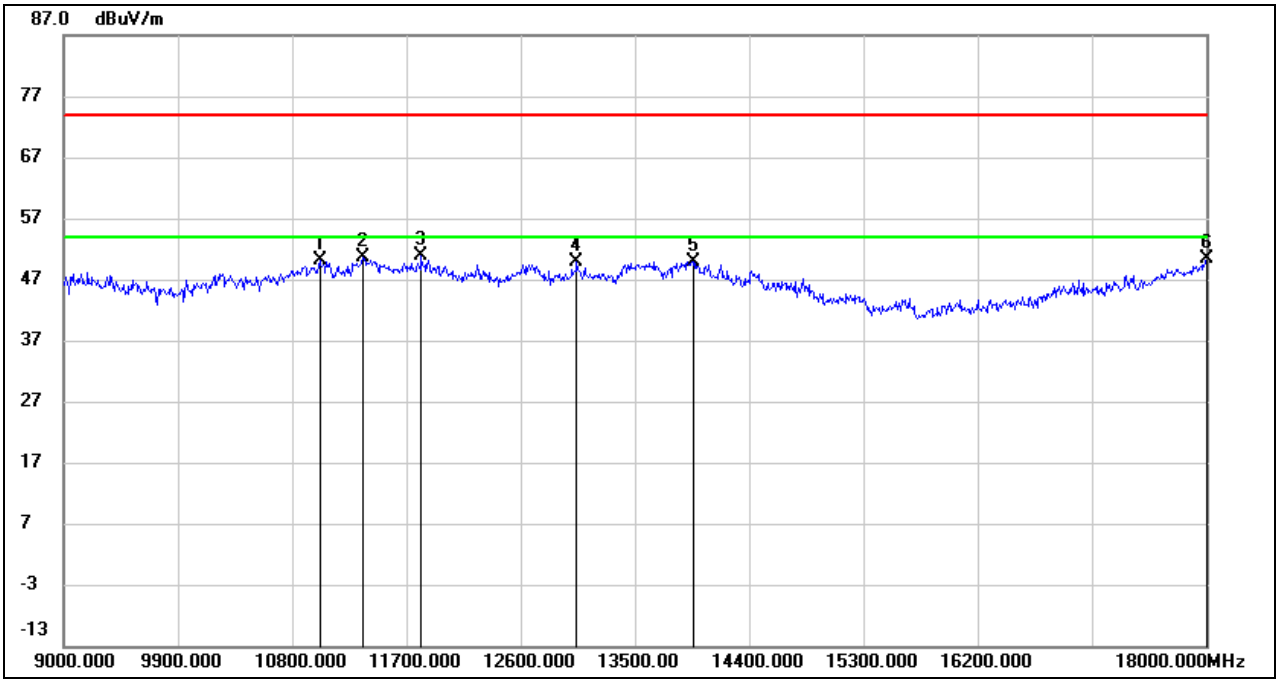
Test Mode:	802.11ax HE80	Channel:	6705 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	36.24	12.57	48.81	74.00	-25.19	peak
2	11349.000	33.18	15.99	49.17	74.00	-24.83	peak
3	13608.000	28.40	21.05	49.45	74.00	-24.55	peak
4	14004.000	27.74	21.86	49.60	74.00	-24.40	peak
5	17748.000	25.80	23.55	49.35	74.00	-24.65	peak
6	17937.000	24.65	24.76	49.41	74.00	-24.59	peak

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

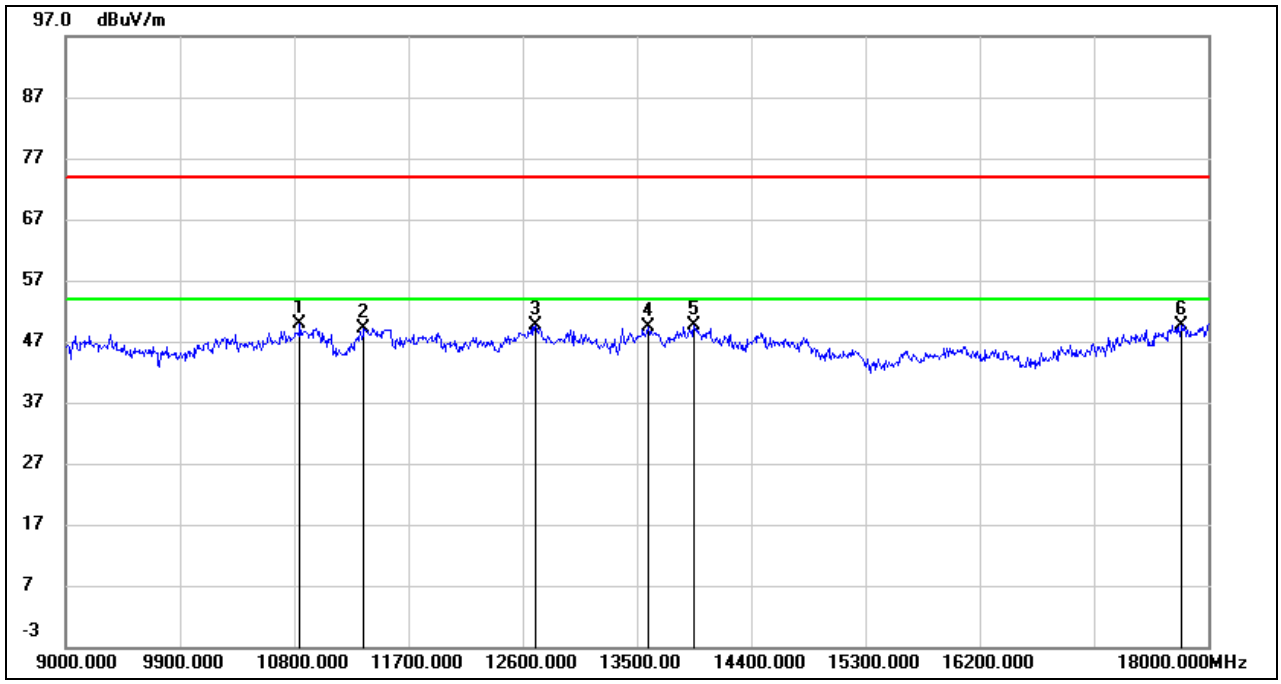
Test Mode:	802.11ax HE80	Channel:	6705 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11016.000	35.27	14.81	50.08	74.00	-23.92	peak
2	11358.000	34.51	16.03	50.54	74.00	-23.46	peak
3	11817.000	33.44	17.40	50.84	74.00	-23.16	peak
4	13041.000	30.74	19.05	49.79	74.00	-24.21	peak
5	13959.000	28.09	21.79	49.88	74.00	-24.12	peak
6	18000.000	25.12	25.16	50.28	74.00	-23.72	peak

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

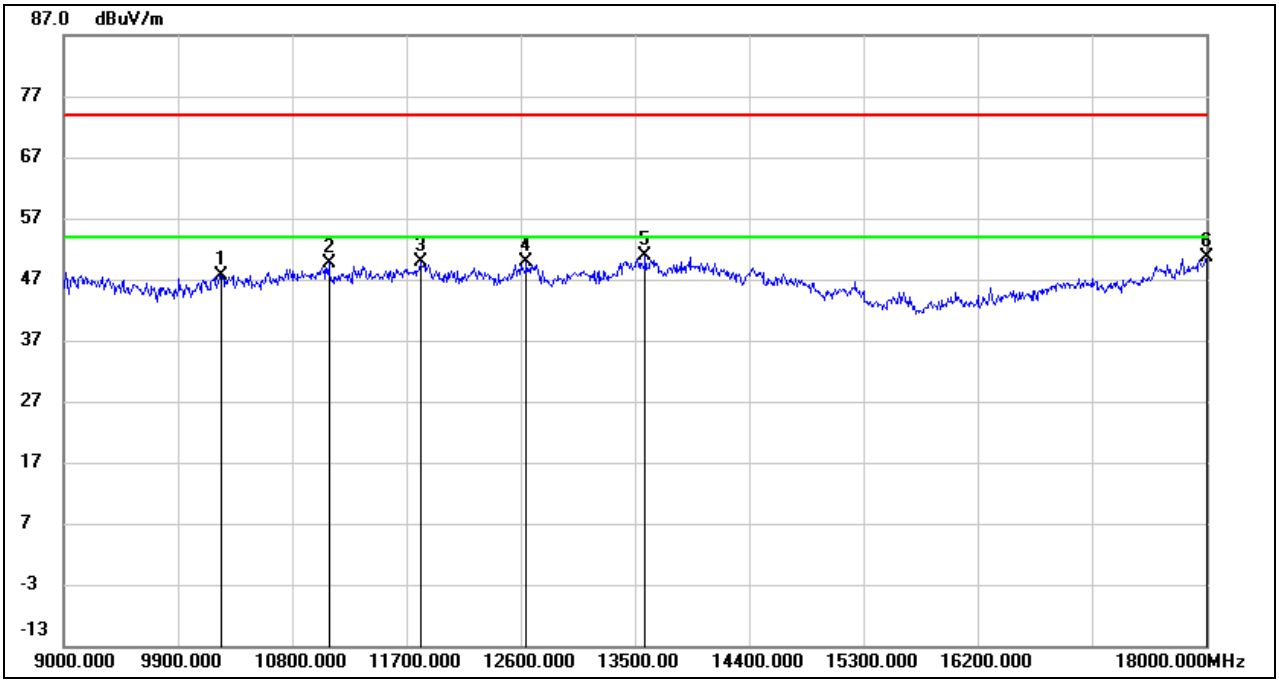
Test Mode:	802.11ax HE80	Channel:	6865 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10845.000	35.76	14.24	50.00	74.00	-24.00	peak
2	11349.000	33.10	15.99	49.09	74.00	-24.91	peak
3	12699.000	31.60	18.07	49.67	74.00	-24.33	peak
4	13590.000	28.44	21.00	49.44	74.00	-24.56	peak
5	13950.000	27.88	21.78	49.66	74.00	-24.34	peak
6	17793.000	25.84	23.84	49.68	74.00	-24.32	peak

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

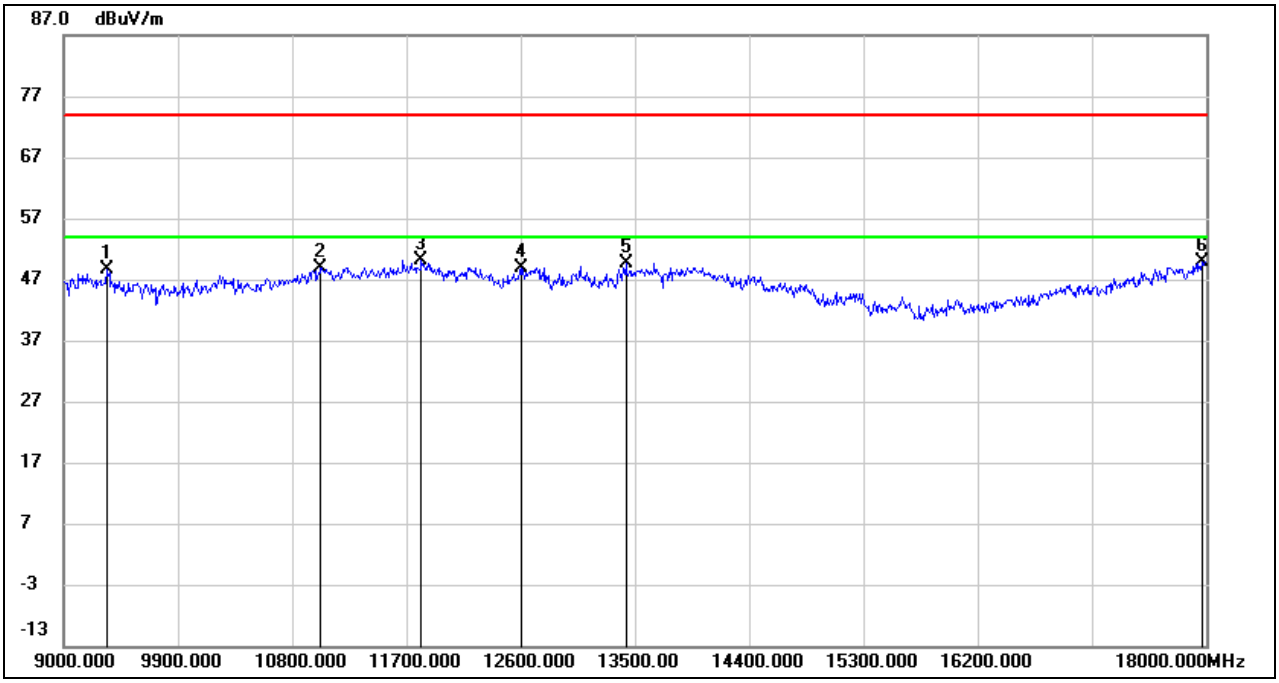
Test Mode:	802.11ax HE80	Channel:	6865 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10242.000	35.03	12.58	47.61	74.00	-26.39	peak
2	11088.000	34.51	15.06	49.57	74.00	-24.43	peak
3	11808.000	32.44	17.38	49.82	74.00	-24.18	peak
4	12645.000	31.94	17.92	49.86	74.00	-24.14	peak
5	13581.000	29.88	20.99	50.87	74.00	-23.13	peak
6	18000.000	25.51	25.16	50.67	74.00	-23.33	peak

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

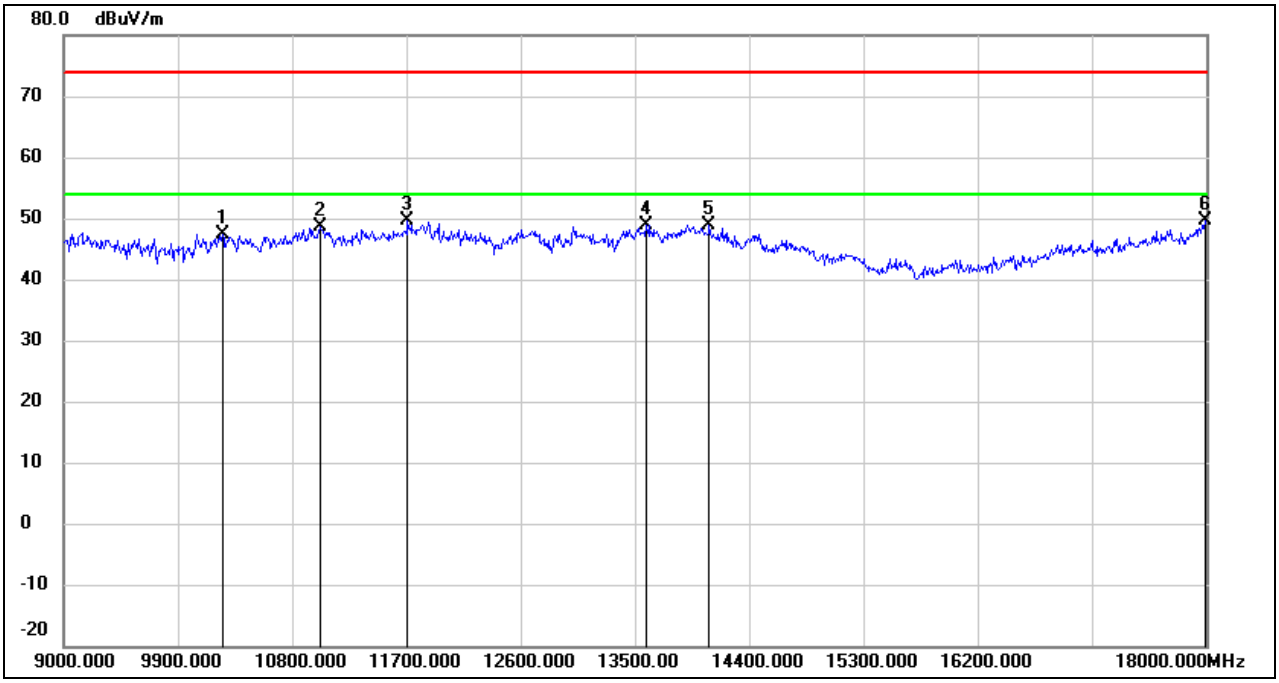
Test Mode:	802.11ax HE80	Channel:	6945 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9342.000	37.73	10.87	48.60	74.00	-25.40	peak
2	11025.000	34.16	14.83	48.99	74.00	-25.01	peak
3	11817.000	32.75	17.40	50.15	74.00	-23.85	peak
4	12600.000	31.16	17.80	48.96	74.00	-25.04	peak
5	13428.000	29.22	20.53	49.75	74.00	-24.25	peak
6	17964.000	25.06	24.92	49.98	74.00	-24.02	peak

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

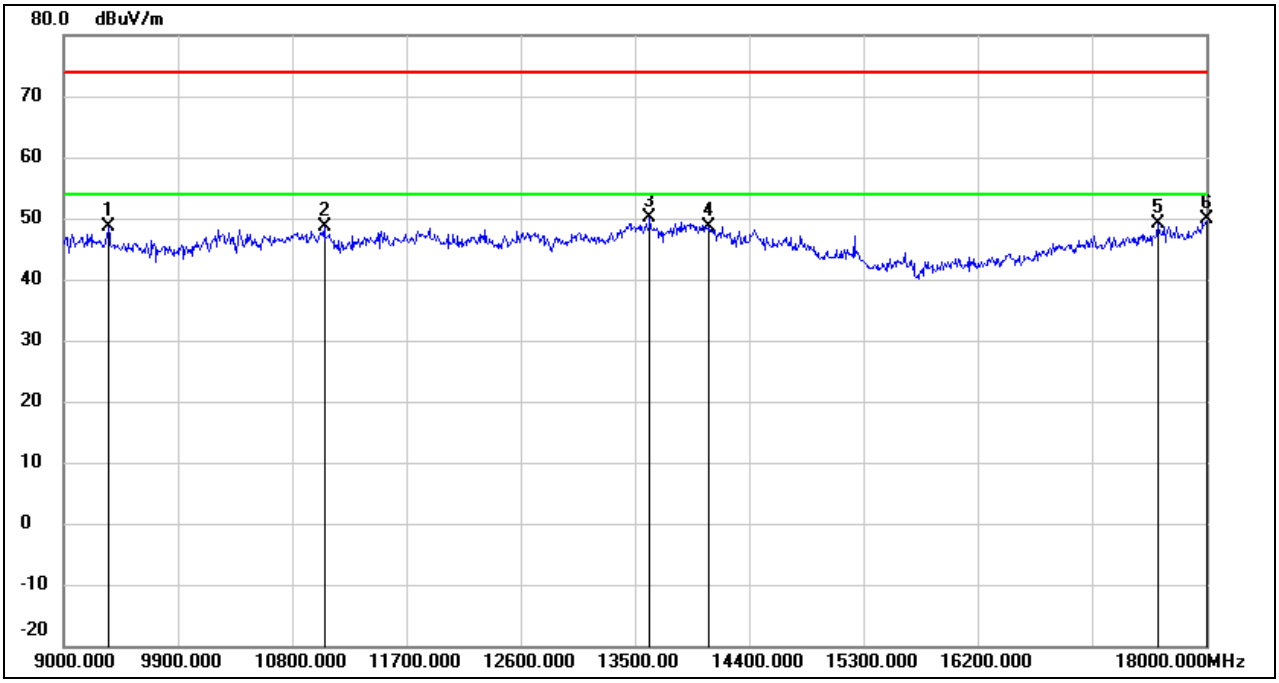
Test Mode:	802.11ax HE80	Channel:	6945 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10251.000	34.71	12.61	47.32	74.00	-26.68	peak
2	11016.000	33.78	14.81	48.59	74.00	-25.41	peak
3	11709.000	32.40	17.11	49.51	74.00	-24.49	peak
4	13590.000	27.99	21.00	48.99	74.00	-25.01	peak
5	14085.000	27.38	21.50	48.88	74.00	-25.12	peak
6	17991.000	24.45	25.11	49.56	74.00	-24.44	peak

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

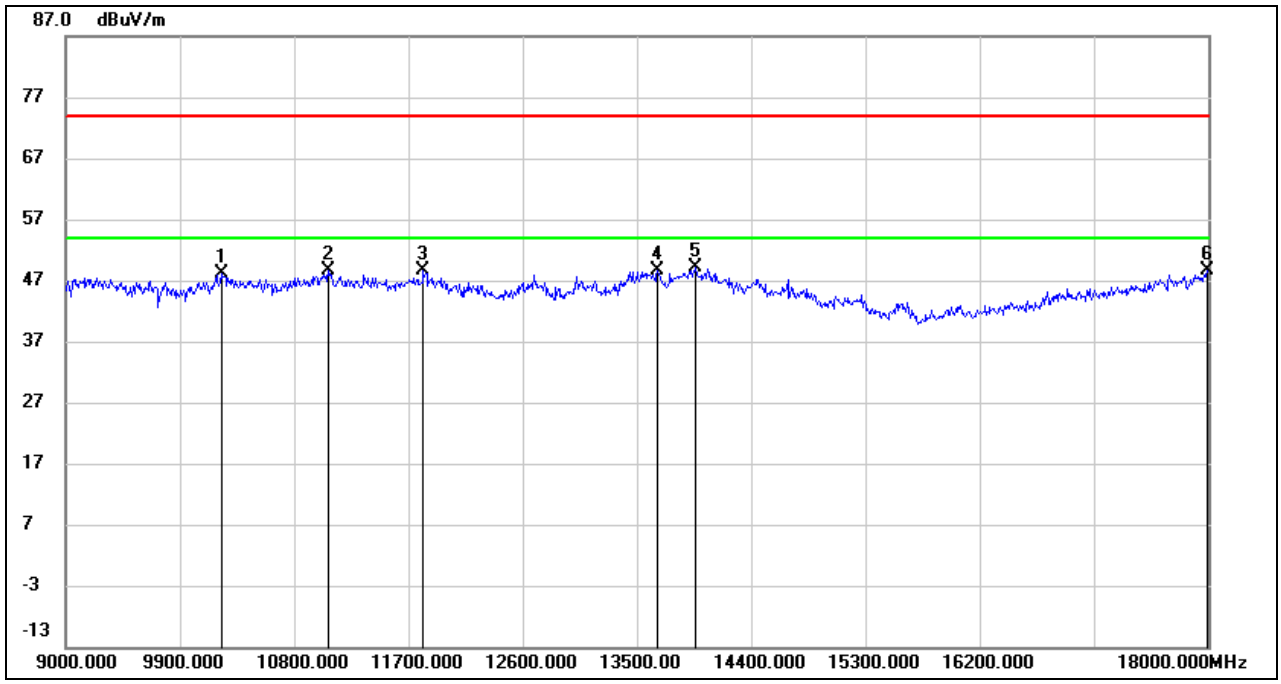
Test Mode:	802.11ax HE80	Channel:	7025 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9351.000	37.68	10.86	48.54	74.00	-25.46	peak
2	11052.000	33.69	14.94	48.63	74.00	-25.37	peak
3	13617.000	29.03	21.06	50.09	74.00	-23.91	peak
4	14085.000	27.07	21.50	48.57	74.00	-25.43	peak
5	17622.000	26.43	22.74	49.17	74.00	-24.83	peak
6	18000.000	24.65	25.16	49.81	74.00	-24.19	peak

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

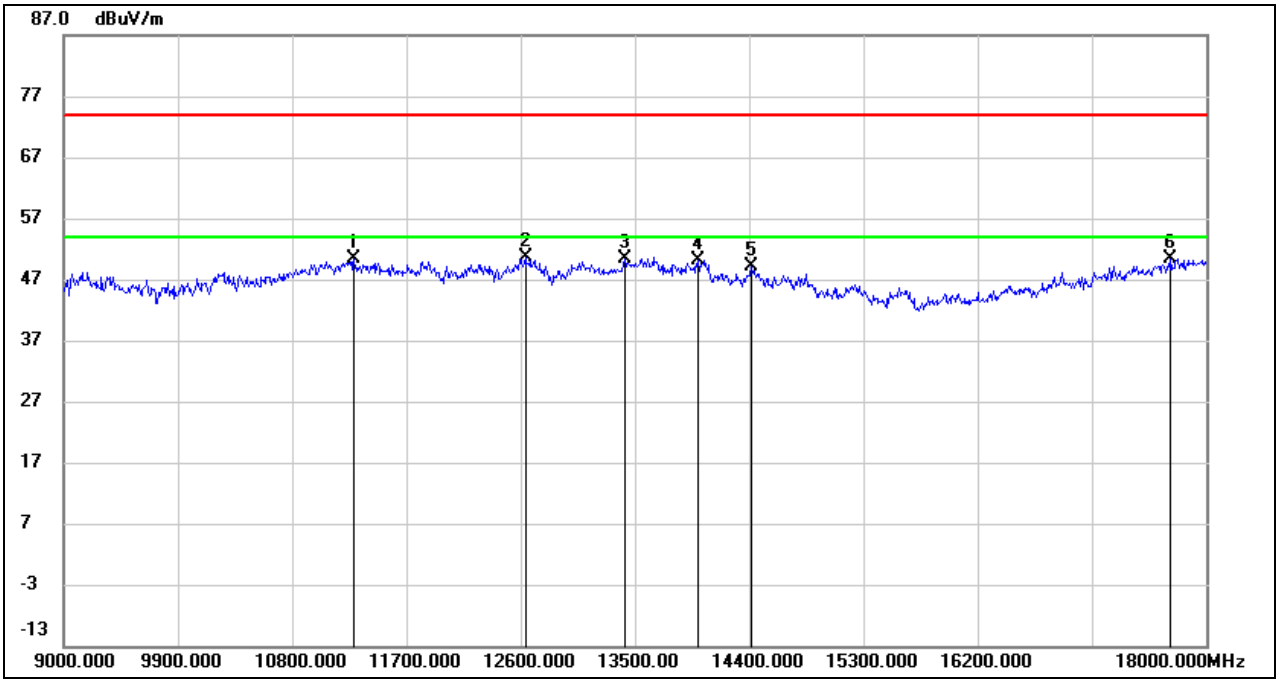
Test Mode:	802.11ax HE80	Channel:	7025 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10224.000	35.54	12.55	48.09	74.00	-25.91	peak
2	11070.000	33.62	15.00	48.62	74.00	-25.38	peak
3	11817.000	31.30	17.40	48.70	74.00	-25.30	peak
4	13662.000	27.53	21.16	48.69	74.00	-25.31	peak
5	13959.000	27.27	21.79	49.06	74.00	-24.94	peak
6	17991.000	23.49	25.11	48.60	74.00	-25.40	peak

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

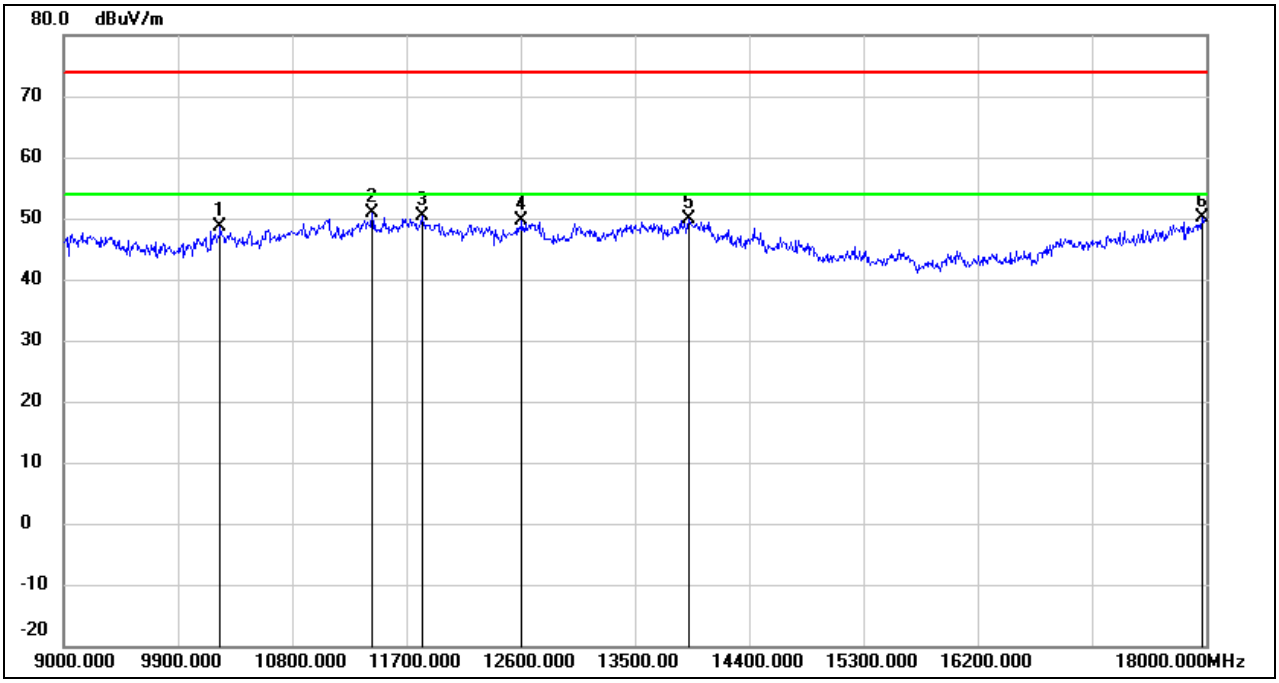
Test Mode:	802.11ax HE160	Channel:	6185 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11286.000	34.54	15.77	50.31	74.00	-23.69	peak
2	12636.000	32.61	17.90	50.51	74.00	-23.49	peak
3	13419.000	29.93	20.50	50.43	74.00	-23.57	peak
4	13995.000	28.16	21.87	50.03	74.00	-23.97	peak
5	14418.000	29.00	20.03	49.03	74.00	-24.97	peak
6	17721.000	27.02	23.38	50.40	74.00	-23.60	peak

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

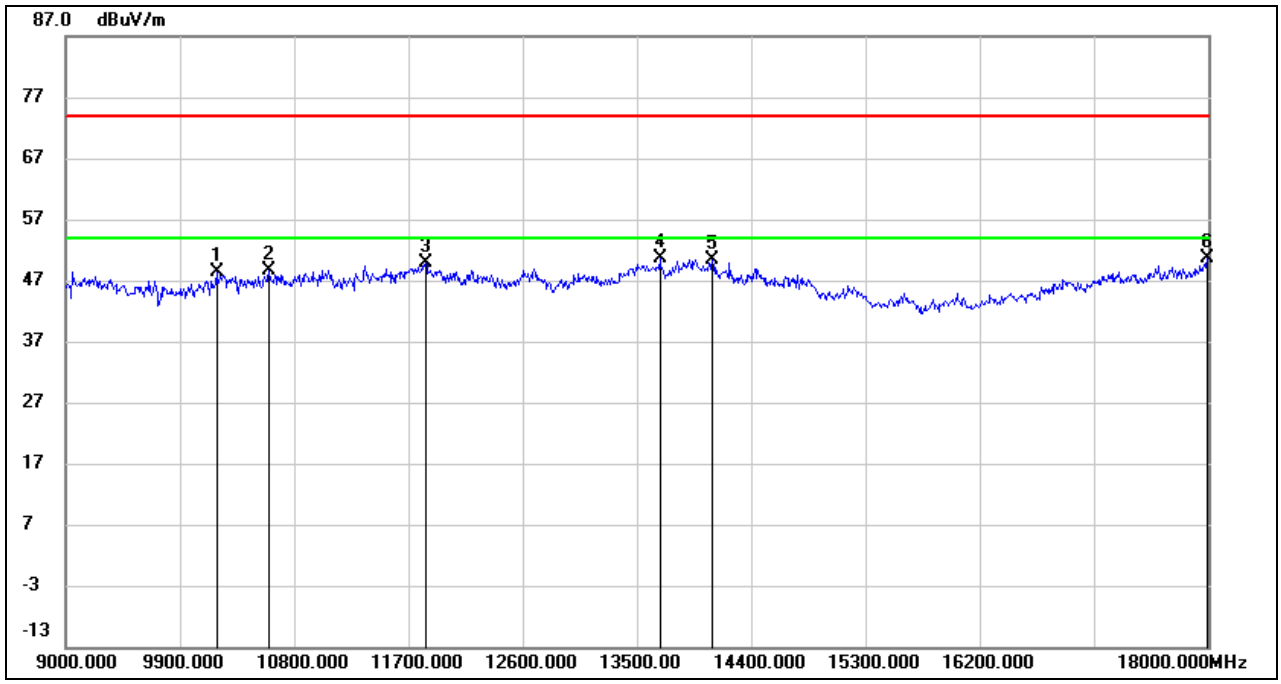
Test Mode:	802.11ax HE160	Channel:	6185 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10233.000	35.99	12.57	48.56	74.00	-25.44	peak
2	11430.000	34.60	16.28	50.88	74.00	-23.12	peak
3	11826.000	32.94	17.42	50.36	74.00	-23.64	peak
4	12609.000	31.79	17.83	49.62	74.00	-24.38	peak
5	13923.000	28.06	21.72	49.78	74.00	-24.22	peak
6	17964.000	25.12	24.92	50.04	74.00	-23.96	peak

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

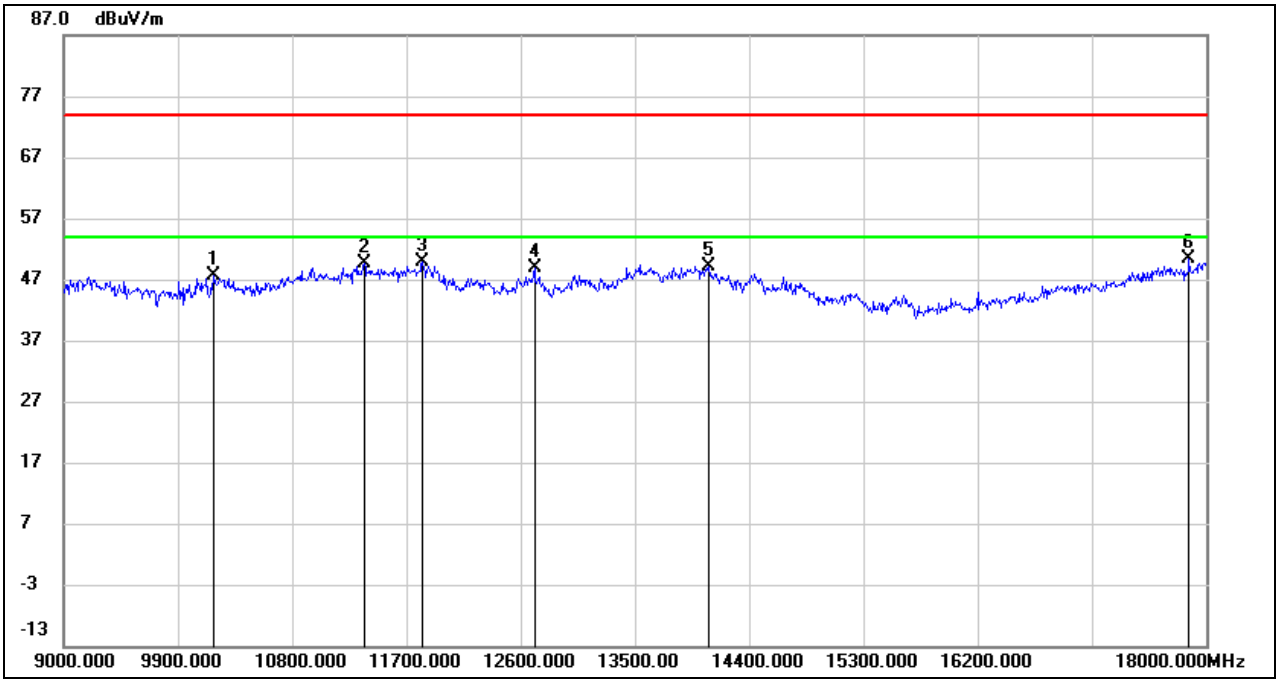
Test Mode:	802.11ax HE160	Channel:	6345 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10188.000	35.93	12.47	48.40	74.00	-25.60	peak
2	10602.000	35.07	13.45	48.52	74.00	-25.48	peak
3	11835.000	32.46	17.46	49.92	74.00	-24.08	peak
4	13680.000	29.49	21.20	50.69	74.00	-23.31	peak
5	14094.000	28.81	21.47	50.28	74.00	-23.72	peak
6	17991.000	25.53	25.11	50.64	74.00	-23.36	peak

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

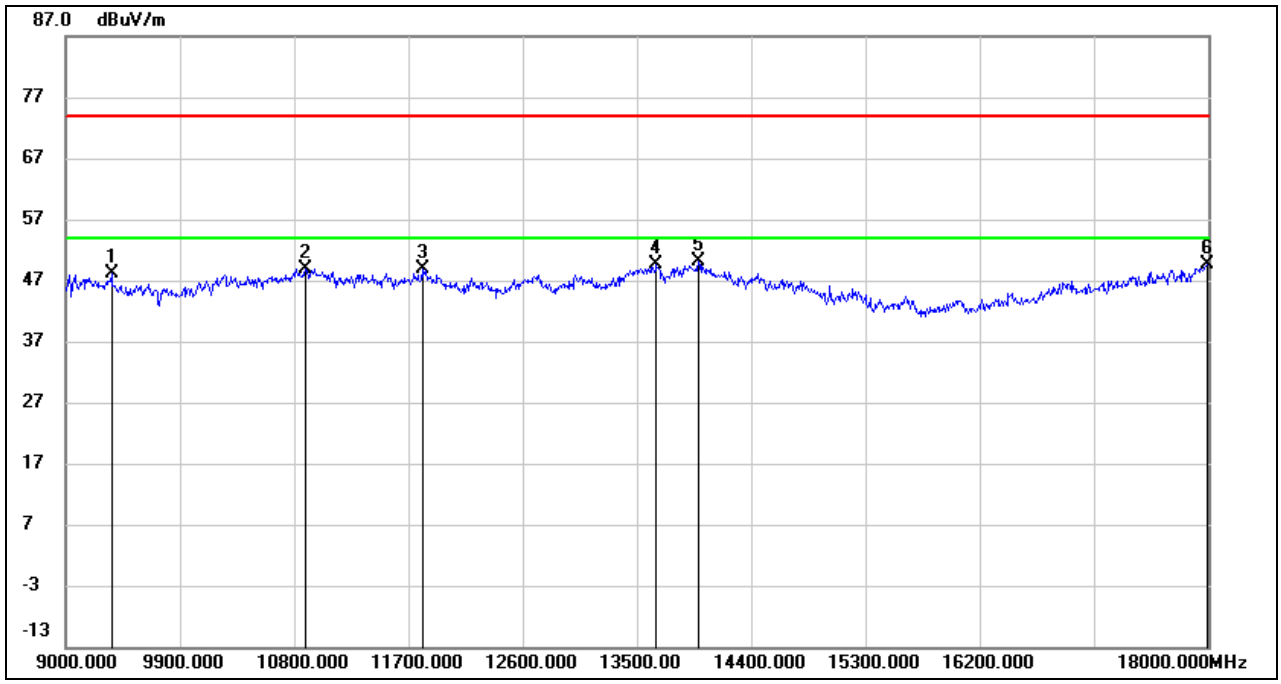
Test Mode:	802.11ax HE160	Channel:	6345 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10179.000	35.10	12.45	47.55	74.00	-26.45	peak
2	11367.000	33.63	16.05	49.68	74.00	-24.32	peak
3	11826.000	32.46	17.42	49.88	74.00	-24.12	peak
4	12708.000	30.73	18.10	48.83	74.00	-25.17	peak
5	14076.000	27.60	21.54	49.14	74.00	-24.86	peak
6	17865.000	25.98	24.29	50.27	74.00	-23.73	peak

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

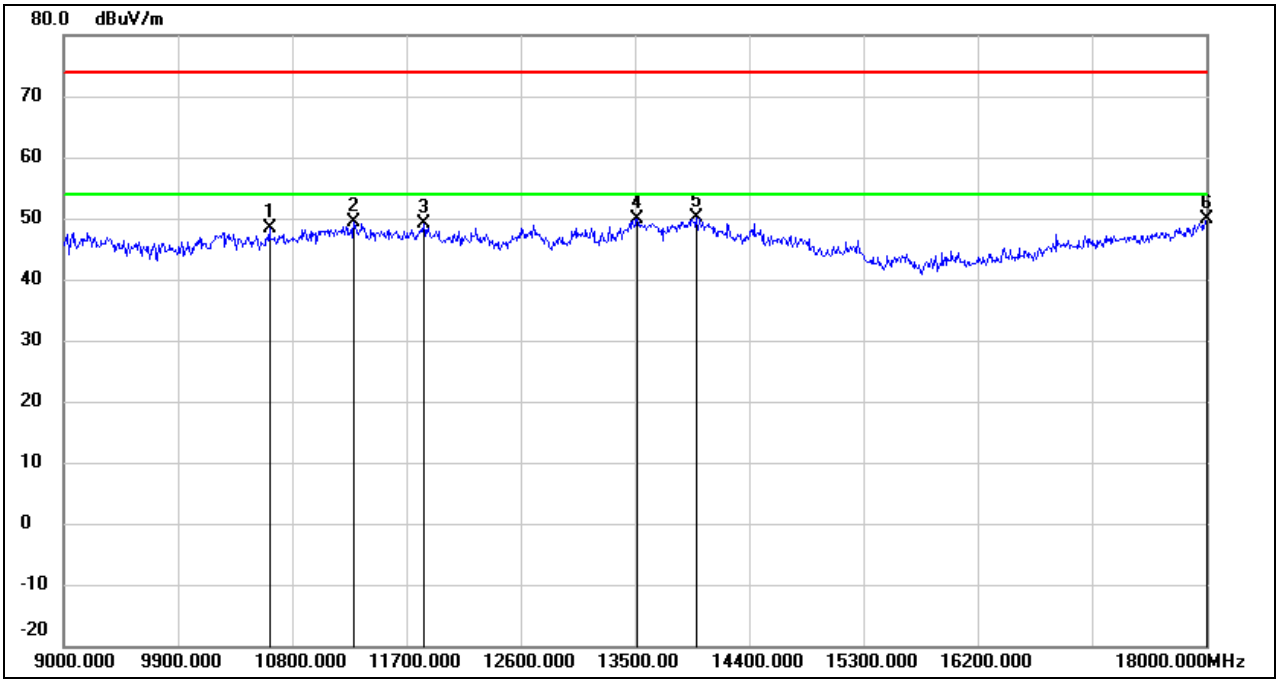
Test Mode:	802.11ax HE160	Channel:	6505 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9360.000	37.37	10.87	48.24	74.00	-25.76	peak
2	10890.000	34.60	14.40	49.00	74.00	-25.00	peak
3	11808.000	31.59	17.38	48.97	74.00	-25.03	peak
4	13653.000	28.60	21.14	49.74	74.00	-24.26	peak
5	13986.000	28.37	21.85	50.22	74.00	-23.78	peak
6	17991.000	24.58	25.11	49.69	74.00	-24.31	peak

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

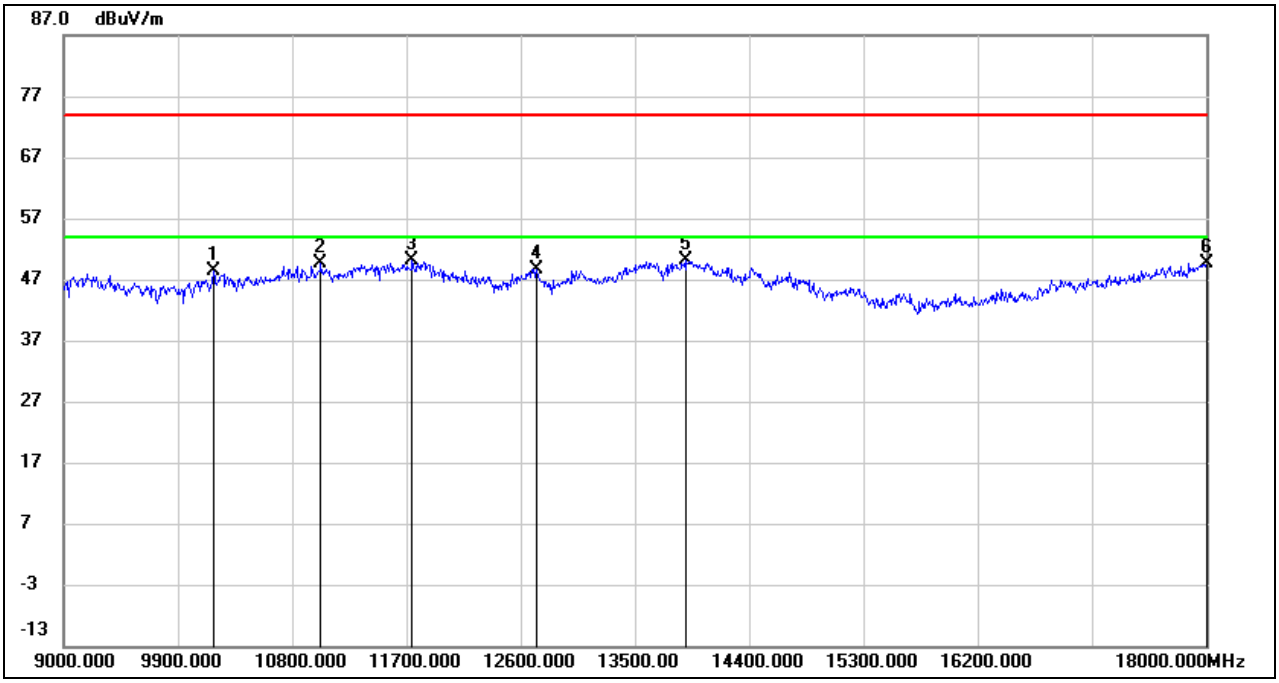
Test Mode:	802.11ax HE160	Channel:	6505 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	34.90	13.52	48.42	74.00	-25.58	peak
2	11286.000	33.64	15.77	49.41	74.00	-24.59	peak
3	11835.000	31.60	17.46	49.06	74.00	-24.94	peak
4	13518.000	29.11	20.85	49.96	74.00	-24.04	peak
5	13986.000	28.33	21.85	50.18	74.00	-23.82	peak
6	18000.000	24.68	25.16	49.84	74.00	-24.16	peak

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

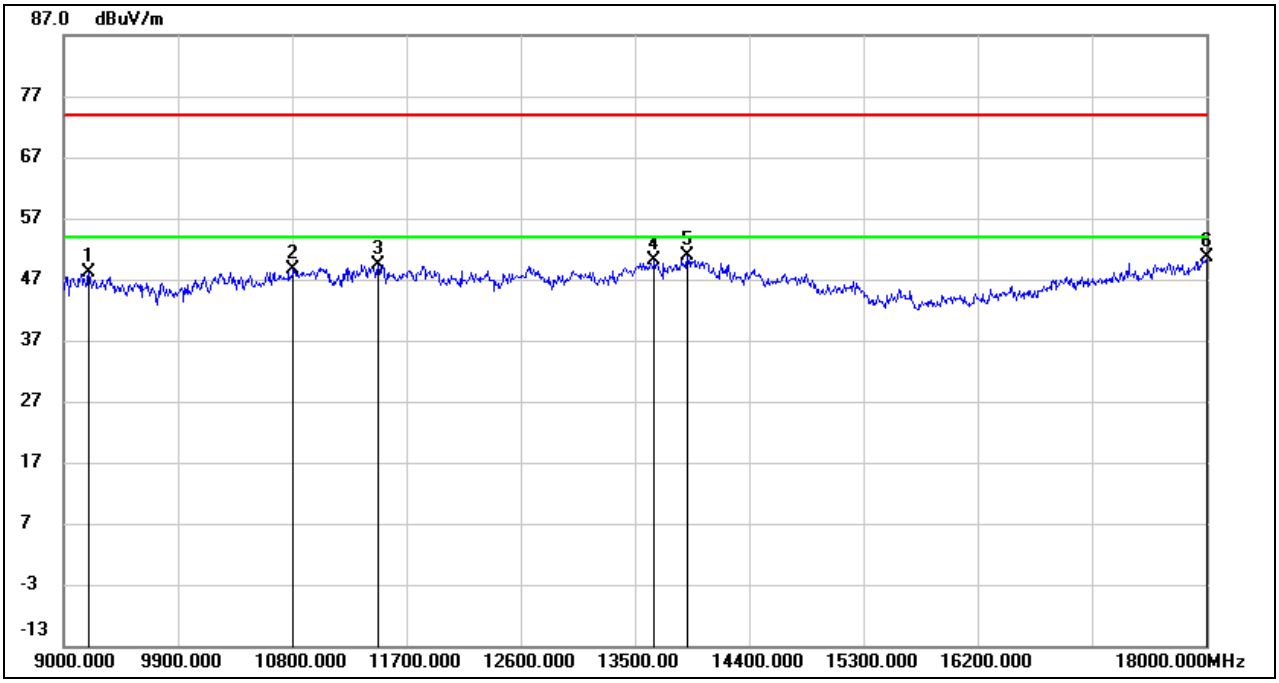
Test Mode:	802.11ax HE160	Channel:	6665 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10179.000	35.81	12.45	48.26	74.00	-25.74	peak
2	11025.000	34.76	14.83	49.59	74.00	-24.41	peak
3	11745.000	32.82	17.21	50.03	74.00	-23.97	peak
4	12726.000	30.54	18.14	48.68	74.00	-25.32	peak
5	13905.000	28.34	21.68	50.02	74.00	-23.98	peak
6	18000.000	24.53	25.16	49.69	74.00	-24.31	peak

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

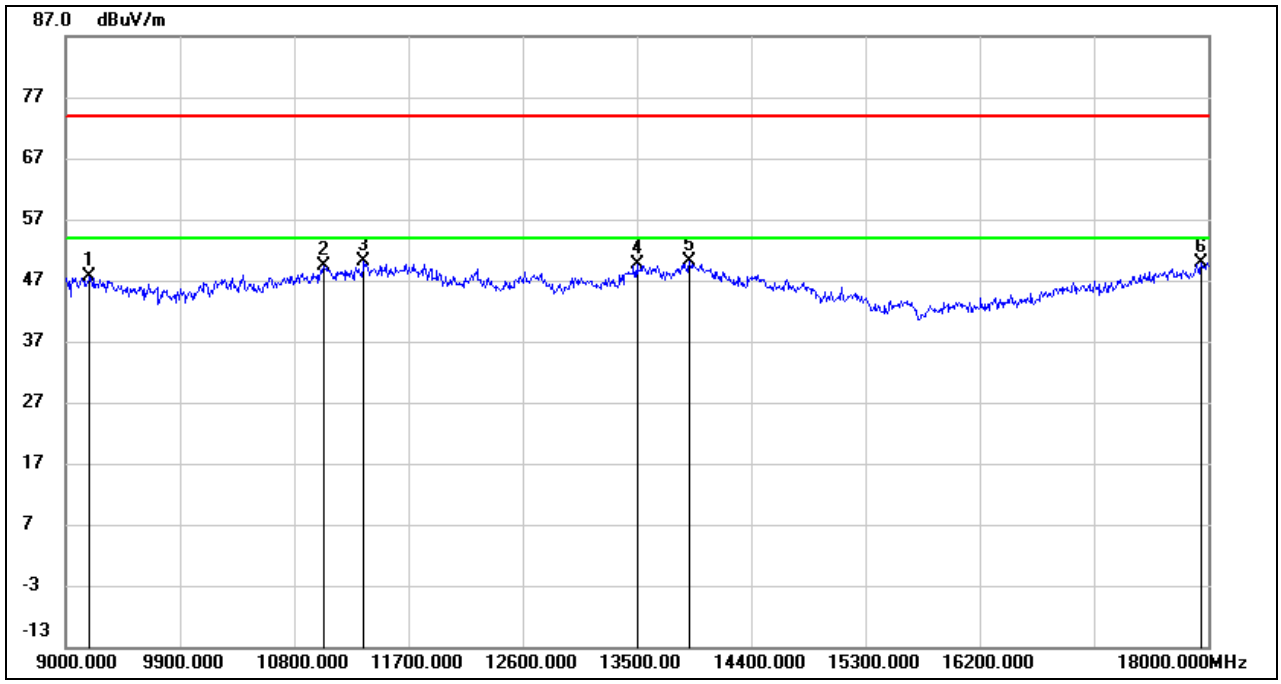
Test Mode:	802.11ax HE160	Channel:	6665 MHz
Polarity:	Vertical	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9198.000	37.30	10.85	48.15	74.00	-25.85	peak
2	10809.000	34.53	14.12	48.65	74.00	-25.35	peak
3	11475.000	33.00	16.44	49.44	74.00	-24.56	peak
4	13653.000	29.00	21.14	50.14	74.00	-23.86	peak
5	13914.000	29.11	21.69	50.80	74.00	-23.20	peak
6	18000.000	25.39	25.16	50.55	74.00	-23.45	peak

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:	802.11ax HE160	Channel:	6825 MHz
Polarity:	Horizontal	Test Voltage:	DC 12 V



No.	Frequency (MHz)	Reading (dBuV)	Correct (dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9189.000	36.71	10.84	47.55	74.00	-26.45	peak
2	11034.000	34.63	14.87	49.50	74.00	-24.50	peak
3	11349.000	34.16	15.99	50.15	74.00	-23.85	peak
4	13500.000	28.77	20.81	49.58	74.00	-24.42	peak
5	13914.000	28.41	21.69	50.10	74.00	-23.90	peak
6	17946.000	25.01	24.82	49.83	74.00	-24.17	peak

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