

Compliance Certification Services (Kunshan) Inc.

CCSEM-TRF-001 Rev. 02 Sep 01, 2023

Report No.: KSCR240600099304

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TEST REPORT

Application No.: KSCR2406000993AT
FCC ID: 2AEIM-TAF68E
Applicant: TESLA INC
Address of Applicant: 3500 Deer Creek Rd, Palo Alto, CA 94304 USA
Manufacturer: TESLA INC
Address of Manufacturer: 3500 Deer Creek Rd, Palo Alto, CA 94304 USA
Equipment Under Test (EUT):
EUT Name: Wi-Fi & Bluetooth Module
Model No.: TAF68E
Trade Mark: Tesla
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2024-06-04
Date of Test: 2024-06-05 to 2024-07-31
Date of Issue: 2024-08-01

Test Result:	Pass*
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* In the configuration tested, the EUT complied with the standards specified above.

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Revision Record			
Version	Description	Date	Remark
00	Original	2024-08-01	/

Authorized for issue by:			
Tested By		Maker Qi	
		Maker_Qi/Project Engineer	
Approved By		Terry Hou	
		Terry Hou /Reviewer	

2 Test Summary

Radio Spectrum Technical Requirement				
Item	Standard	Method	Requirement	Result
Antenna Requirement	47 CFR Part 15, Subpart E 15.407	N/A	47 CFR Part 15, Subpart C 15.203	Customer Declaration
Transmission in the Absence of Data		N/A	47 CFR Part 15, Subpart E 15.407 (c)	Customer Declaration

Radio Spectrum Matter Part				
Item	Standard	Method	Requirement	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart E 15.407	ANSI C63.10 (2013) Section 6.2	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)	Pass
Duty Cycle		KDB 789033 II B 1	KDB 789033 D02 II B 1	Pass
99% Bandwidth		KDB 789033 II D	N/A	Pass
26dB Emission bandwidth		KDB 789033 D02 II C 1	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)		KDB 789033 D02 II C 2	47 CFR Part 15, Subpart E 15.407 (e)	Pass
Maximum Conducted output power		KDB 789033 D02 II E	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Peak Power spectrum density		KDB 789033 D02 II F	47 CFR Part 15, Subpart E 15.407 (a)	Pass
Radiated Emissions (Below 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions (Above 1GHz)		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Radiated Emissions which fall in the restricted bands		KDB 789033 D02 II G	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	Pass
Frequency Stability		ANSI C63.10 (2013) Section 6.8	47 CFR Part 15, Subpart E 15.407 (g)	Pass
Channel Move Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass
Channel Closing Transmission Time		KDB 905462 D02 Section 7.8.3	KDB 905462 D02 Section 5.1	Pass

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.3-4.8V, Typ: 3.85V
Test voltage:	DC 3.85V
Operation Frequency/Number of channels (20MHz):	U-NII-1: 5180-5240MHz (4 Channels); U-NII-2A: 5260-5320MHz (4 Channels); U-NII-2C: 5500-5700MHz (11 Channels); U-NII-3: 5745-5825MHz (5 Channels)
Operation Frequency/Number of channels/(40MHz):	U-NII-1: 5190-5230MHz (2 Channels); U-NII-2A: 5270-5310MHz (2 Channels); U-NII-2C: 5510-5670MHz (5 Channels); U-NII-3: 5755-5795MHz (2 Channels)
Operation Frequency/Number of channels (80MHz):	U-NII-1: 5210MHz (1 Channel); U-NII-2A: 5290MHz (1 Channels); U-NII-2C: 5530-5610MHz (2 Channels); U-NII-3: 5775MHz (1 Channel)
Operation Frequency/Number of channels (160MHz):	U-NII-2A : 5250MHz(1 Channels);U-NII-2C: 5570MHz (1 Channels)
Modulation Type:	OFDM (64QAM, 16QAM, QPSK, BPSK); 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz; 802.11n/ac/ax 40: 40MHz; 802.11ac/ax 80: 80MHz; 802.11ac/ax 160: 160MHz
DFS Function:	Slave without Radar detection
TPC Function:	Support TPC function
Antenna Type:	External antenna
Antenna Gain:	5150MHz~5250MHz: ANT5(WIFI0): 4.4dBi (Provided by the manufacturer) ANT6(WIFI1): 3.2dBi (Provided by the manufacturer) 5250MHz~5350MHz: ANT5(WIFI0): 4.4dBi (Provided by the manufacturer) ANT6(WIFI1): 3.5dBi (Provided by the manufacturer) 5470MHz~5725MHz: ANT5(WIFI0): 5.3dBi (Provided by the manufacturer) ANT6(WIFI1): 4.5dBi (Provided by the manufacturer) 5725MHz~5850MHz: ANT5(WIFI0): 4.7dBi (Provided by the manufacturer) ANT6(WIFI1): 3.5dBi (Provided by the manufacturer) Directional Gain: 5150MHz~5250MHz:3.84dBi (The transmitted signal is Uncorrelated) 5250MHz~5350MHz:3.97dBi (The transmitted signal is Uncorrelated) 5470MHz~5725MHz:4.92dBi (The transmitted signal is Uncorrelated) 5725MHz~5850MHz:4.14dBi (The transmitted signal is Uncorrelated)

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4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
AC Adapter	/	/	/
Notebook	LENOVO	K27	EB24537645

4.3 Power level setting using in test

Channel	802.11a		802.11n(HT20)		802.11ac(VHT20)		802.11ax(HEW20)	
	Ant 1	Ant 2	Ant 2	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2
36	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
40	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
48	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
52	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
60	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
64	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
100	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
116	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
140	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
144	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
149	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
157	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
165	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Channel	802.11n(HT40)		802.11ac(VHT40)		802.11ax(HEW40)			
	Ant 1	Ant 2	Ant 1	Ant 2	Ant 1	Ant 2		
38	17	17	17	17	17	17		
46	17	17	17	17	17	17		
54	17	17	17	17	17	17		
62	17	17	17	17	17	17		
102	17	17	17	17	17	17		
110	17	17	17	17	17	17		
134	17	17	17	17	17	17		
142	17	17	17	17	17	17		
151	17	17	17	17	17	17		
159	17	17	17	17	17	17		



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Channel	802.11ac(VHT80)		802.11ax(HEW80)	
	Ant 1	Ant 2	Ant 1	Ant 2
42	16.5	16.5	16.5	16.5
58	16.5	16.5	16.5	16.5
106	16.5	16.5	16.5	16.5
122	16.5	16.5	16.5	16.5
138	16.5	16.5	16.5	16.5
155	16.5	16.5	16.5	16.5
Channel	802.11ac(VHT160)		802.11ax(HEW160)	
	Ant 1	Ant 2	Ant 1	Ant 2
50	16	16	16	16
114	16	16	16	16

4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4×10^{-8}
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
9	Radiated Spurious Emission Test	4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		5.1dB (1GHz-18GHz)
		5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%
Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.		

4.5 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

No.10 Weiye Rd, Innovation park, Eco&Tec, Development Zone, Kunshan City, Jiangsu, China.

Tel: +86 512 5735 5888 Fax: +86 512 5737 0818

No tests were sub-contracted.

Note:

1. SGS is not responsible for wrong test results due to incorrect information (e.g., max. internal working frequency, antenna gain, cable loss, etc) is provided by the applicant. (If applicable).
2. SGS is not responsible for the authenticity, integrity and the validity of the conclusion based on results of the data provided by applicant. (If applicable).
3. Sample source: sent by customer.

4.6 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA**

Compliance Certification Services (Kunshan) Inc. is accredited by the American Association for Laboratory Accreditation (A2LA). Certificate No. 2541.01.

- **FCC**

Compliance Certification Services (Kunshan) Inc. has been recognized as an accredited testing laboratory. Designation Number: CN1172.

- **ISED**

Compliance Certification Services (Kunshan) Inc. has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory. Company Number: 2324E

- **VCCI**

The 3m and 10m Semi-anechoic chamber and Shielded Room of Compliance Certification Services (Kunshan) Inc. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-20134, R-11600, C-11707, T-11499, G-10216 respectively.

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESCI	KS301101	01/15/2024	01/14/2025
2	LISN	R&S	ENV216	KS301197	01/15/2024	01/14/2025
3	LISN	Schwarzbeck	NNLK 8129	KS301091	01/15/2024	01/14/2025
4	Pulse Limiter	R&S	ESH3-Z2	KUS1902E001	01/15/2024	01/14/2025
5	CE test Cable	Thermax	/	CZ301102	01/15/2024	01/14/2025
6	Test Software	Farad	EZ-EMC	/	N.C.R	N.C.R
RF Conducted Test						
1	Spectrum Analyzer	Keysight	N9020A	KUS1911E004-2	08/24/2023	08/23/2024
2	Spectrum Analyzer	Keysight	N9020A	KUS2001M001-2	08/24/2023	08/23/2024
3	Spectrum Analyzer	Keysight	N9030B	KSEM021-1	01/15/2024	01/14/2025
4	Signal Generator	R&S	SMBV100B	KSEM032	03/19/2024	03/18/2025
5	Signal Generator	R&S	SMW200A	KSEM020-1	08/24/2023	08/23/2024
6	Signal Generator	Agilent	N5182A	KUS2001M001-1	08/24/2023	08/23/2024
7	Radio Communication Test Station	Anritsu	MT8000A	KSEM001-1	08/24/2023	08/23/2024
8	Radio Communication Analyzer	Anritsu	MT8821C	KSEM002-1	03/19/2024	03/18/2025
9	Universal Radio Communication Tester	R&S	CMW500	KUS1911E004-1	08/24/2023	08/23/2024
10	Switcher	TST	FY562	KUS2001M001-4	01/15/2024	01/14/2025
11	AC Power Source	EXTECH	6605	KS301178	N.C.R	N.C.R
12	DC Power Supply	Aglient	E3632A	KS301180	N.C.R	N.C.R
13	Conducted Test Cable	Thermax	RF01-RF04	CZ301111-CZ301120	01/15/2024	01/14/2025
14	Temp. / Humidity Chamber	TERCHY	MHK-120AK	KS301190	08/24/2023	08/23/2024
15	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-5	03/19/2024	03/18/2025
16	Software	BST	TST-PASS	/	NCR	NCR
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/24/2023	08/23/2024
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	03/19/2024	03/18/2025
3	Signal Generator	Agilent	E8257C	KS301066	08/24/2023	08/23/2024
4	Loop Antenna	COM-POWER	AL-130R	KUS1806E001	03/18/2023	03/17/2025
5	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E005	06/29/2023	06/28/2025
6	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E006	03/19/2024	03/18/2025
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	KS301079	08/24/2023	08/23/2024
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	KS301186	04/07/2023	04/06/2025
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	CZ301058	01/07/2024	01/06/2026
10	Amplifier(30MHz~18GHz)	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-1	01/15/2024	01/14/2025
11	Amplifier(18~40GHz)	PANSHAN TECHNOLOGY	LNA180400G40	KSEM038	08/24/2023	08/23/2024
12	RE Test Cable	REBES MICROWAVE	/	CZ301097	08/24/2023	08/23/2024
13	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	03/19/2024	03/18/2025
14	Software	Faratronic	EZ_EMG-v 3A1	/	NCR	NCR
15	Software	ESE	E3_V 6.111221a	/	NCR	NCR

6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

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

EUT Antenna:

The antenna is External Antenna on the main PCB and no consideration of replacement. The best case gain of the U-NII-1: ANT5(WIFI0) 4.4dBi, ANT6(WIFI1) 3.2dBi; U-NII-2A: ANT5(WIFI0) 4.4dBi, ANT6(WIFI1) 3.5dBi, U-NII-2C: ANT5(WIFI0) 5.3dBi, ANT6(WIFI1) 4.5dBi, U-NII-3: ANT5(WIFI0) 4.7dBi, ANT6(WIFI1) 3.5dBi.

Antenna location: Refer to internal photo.



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Directional Gain Calculations for MIMO:

FCC KDB 662911 D01 Multiple Transmitter Output v02r01

Basic methodology with NANT transmit antennas, each with the same directional gain GANT dBi, being driven by NANT transmitter outputs of equal power. Directional gain is to be computed as follows:

- If any transmit signals are correlated with each other,
Directional gain = $GANT + 10 \log(NANT)$ dBi
- If all transmit signals are completely uncorrelated with each other,
Directional gain = GANT

Unequal antenna gains, with equal transmit powers. For antenna gains given by G_1, G_2, \dots, G_N dBi

- If transmit signals are correlated, then
Directional gain = $10 \log[(10G_1/20 + 10G_2/20 + \dots + 10G_N/20)^2 / NANT]$ dBi [Note the "20"s in the denominator of each exponent and the square of the sum of terms; the object is to combine the signal levels coherently.]
- If all transmit signals are completely uncorrelated, then
Directional gain = $10 \log[(10G_1/10 + 10G_2/10 + \dots + 10G_N/10)/NANT]$ dBi

Directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain.

All antennas have the same gain:

Operation Frequency	ANT5(WIFI0) (dBi)	ANT6(WIFI1) (dBi)	Directional gain For Power(dBi)	Directional gain For PSD(dBi)
5150 MHz to 5250 MHz	4.4	3.2	3.84	3.84
5250 MHz to 5350 MHz	4.4	3.5	3.97	3.97
5470 MHz to 5725 MHz	5.3	4.5	4.92	4.92
5725 MHz to 5850 MHz	4.7	3.5	4.14	4.14

5150 MHz to 5250 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5250 MHz to 5350 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5470 MHz to 5725 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

5725 MHz to 5850 MHz:

Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi) =0

6.2 Transmission in the Absence of Data

6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

6.2.2 Conclusion

Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

7 Radio Spectrum Matter Test Results

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

Frequency of emission(MHz)	Conducted limit(dB μ V)	
	Quasi-peak	Average
0.15-0.5	66 to 56*	56 to 46*
0.5-5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency.

7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

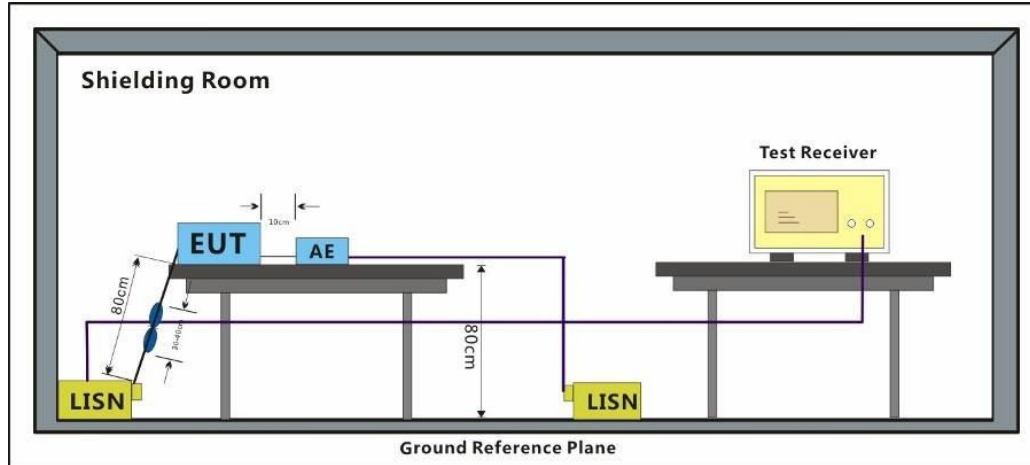
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.1.3 Test Setup Diagram



7.1.4 Measurement Procedure and Data

- 1) The mains terminal disturbance voltage test was conducted in a shielded room.
- 2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
- 3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,
- 4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.
- 5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: Level=Read Level+ Cable Loss+ LISN Factor

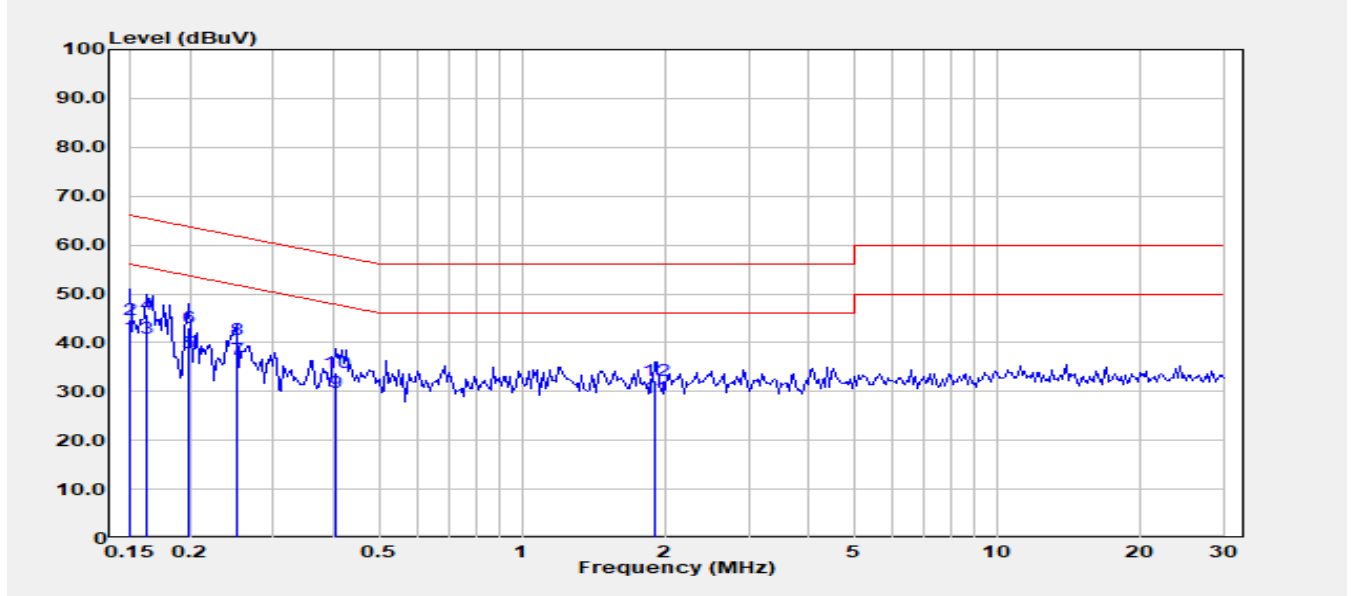
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Test Mode: 01; Line: Live line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	20.82	20.25	41.08	56.00	-14.92	Average
2	0.1500	24.58	20.25	44.83	66.00	-21.17	QP
3	0.1615	20.76	20.20	40.97	55.38	-14.42	Average
4	0.1615	25.66	20.20	45.86	65.38	-19.52	QP
5	0.1997	17.97	20.06	38.03	53.62	-15.59	Average
6	0.1997	23.04	20.06	43.10	63.62	-20.53	QP
7	0.2521	16.49	20.07	36.56	51.69	-15.13	Average
8	0.2521	20.49	20.07	40.56	61.69	-21.12	QP
9	0.4061	9.75	20.06	29.81	47.73	-17.92	Average
10	0.4061	13.77	20.06	33.83	57.73	-23.90	QP
11	1.9080	8.69	20.05	28.75	46.00	-17.25	Average
12	1.9080	12.08	20.05	32.13	56.00	-23.87	QP

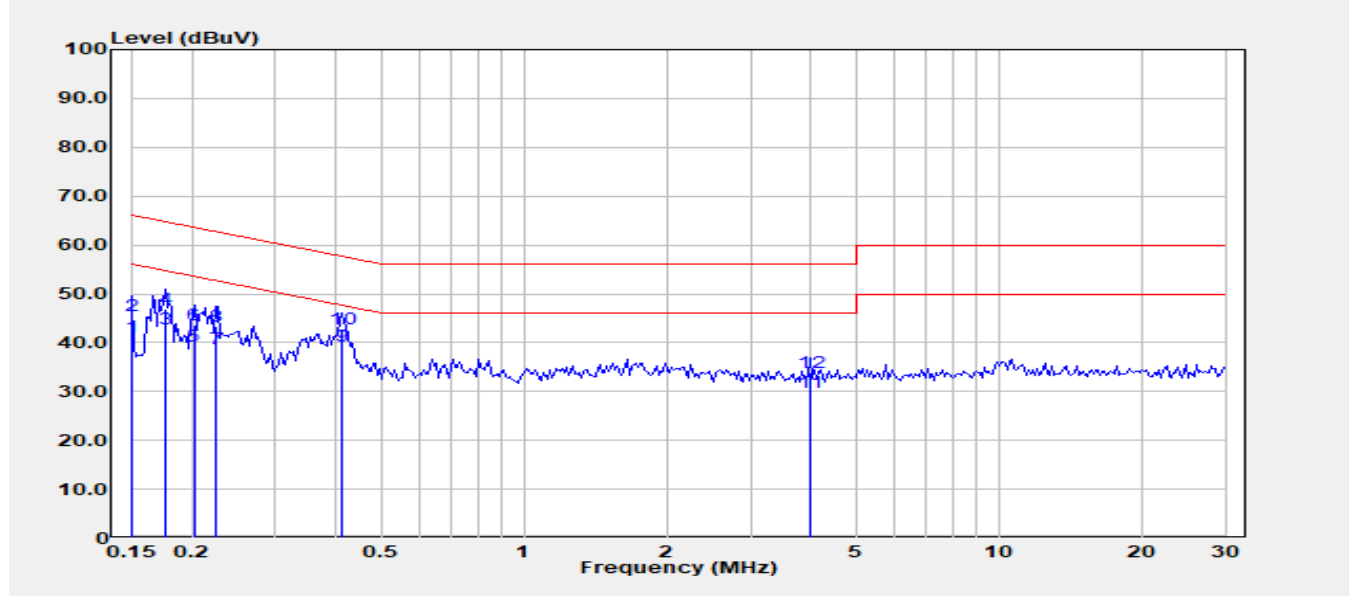
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Test Mode: 01; Line: Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1500	21.05	20.18	41.23	56.00	-14.77	Average
2	0.1500	25.42	20.18	45.61	66.00	-20.39	QP
3	0.1758	22.74	20.15	42.89	54.68	-11.79	Average
4	0.1758	26.74	20.15	46.88	64.68	-17.80	QP
5	0.2018	19.21	20.11	39.32	53.54	-14.21	Average
6	0.2018	23.54	20.11	43.65	63.54	-19.89	QP
7	0.2244	18.72	20.10	38.83	52.66	-13.83	Average
8	0.2244	23.32	20.10	43.42	62.66	-19.23	QP
9	0.4148	19.10	20.08	39.19	47.55	-8.36	Average
10	0.4148	22.85	20.08	42.94	57.55	-14.61	QP
11	4.0062	9.84	19.91	29.75	46.00	-16.25	Average
12	4.0062	14.06	19.91	33.98	56.00	-22.02	QP

7.2 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II E

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	<p>* Where B is the 26dB emission bandwidth in MHz.</p> <p>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.</p>

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

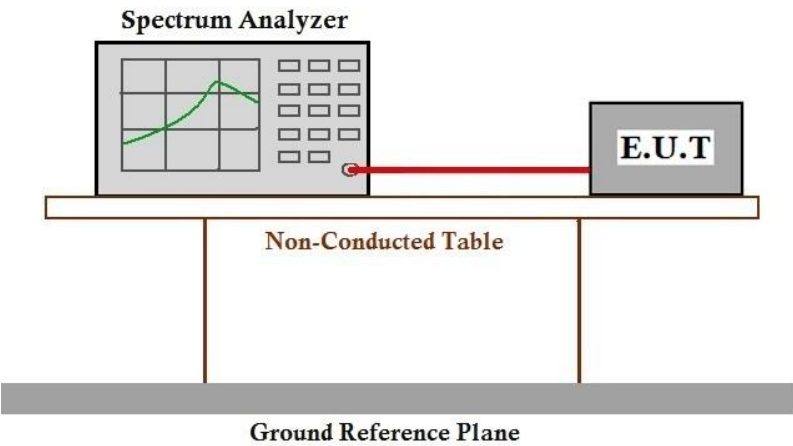
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.2.3 Test Setup Diagram



7.2.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

Please Refer to Appendix for Details

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7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

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

7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C

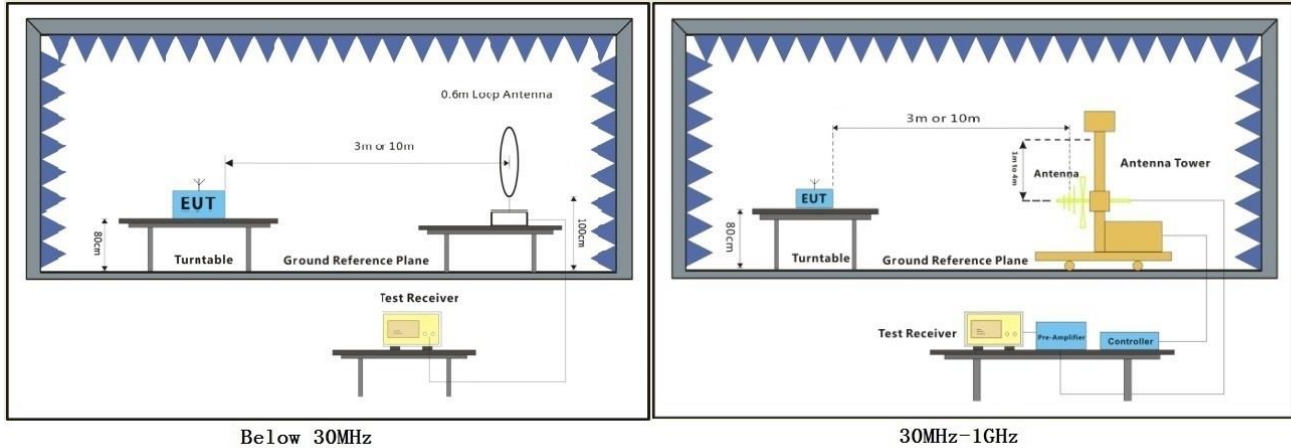
Humidity: 56.2 % RH

Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.3.3 Test Setup Diagram



7.3.4 Measurement Procedure and Data

- For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.
- Test the EUT in the lowest channel, the middle channel, the Highest channel.
- The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- Repeat above procedures until all frequencies measured was complete.

Remark:

- Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
- For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
- Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
- The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

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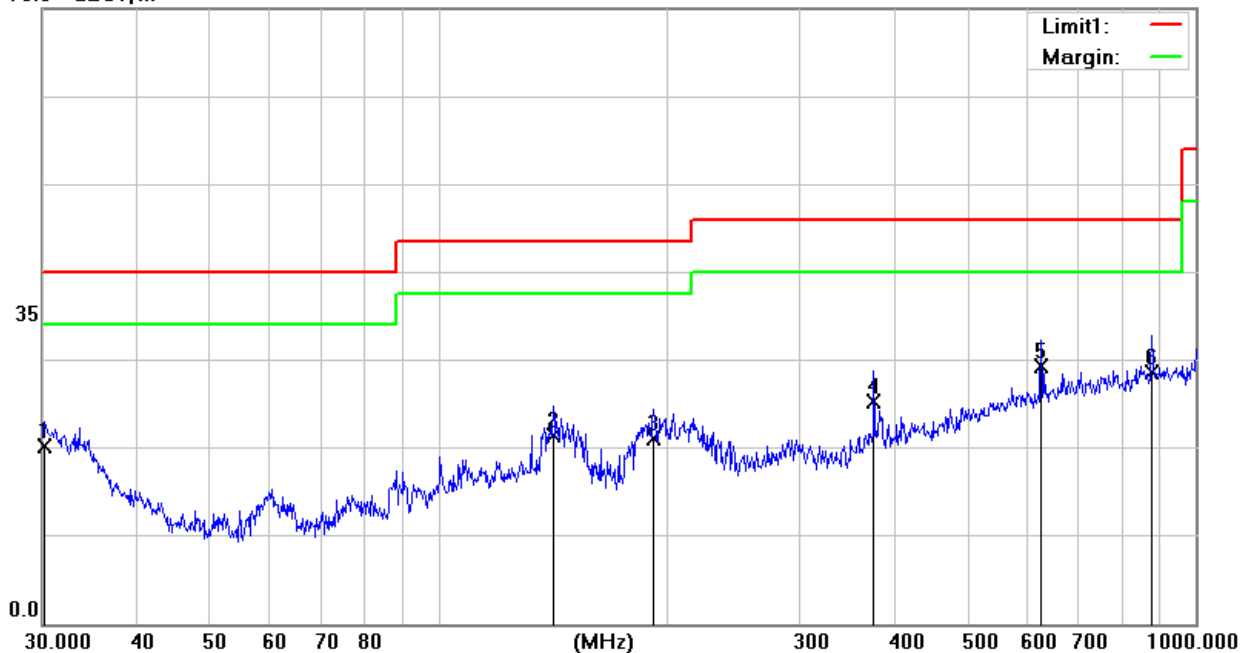
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Test Mode: 01; Polarity: Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.2111	0.88	19.25	20.13	40.00	-19.87	100	270	QP
2	141.8262	7.59	13.87	21.46	43.50	-22.04	200	224	QP
3	192.4186	9.16	11.89	21.05	43.50	-22.45	100	360	QP
4	375.9385	8.37	16.99	25.36	46.00	-20.64	100	235	QP
5	625.0780	6.44	22.91	29.35	46.00	-16.65	100	357	QP
6	875.2470	3.30	25.26	28.56	46.00	-17.44	400	131	QP

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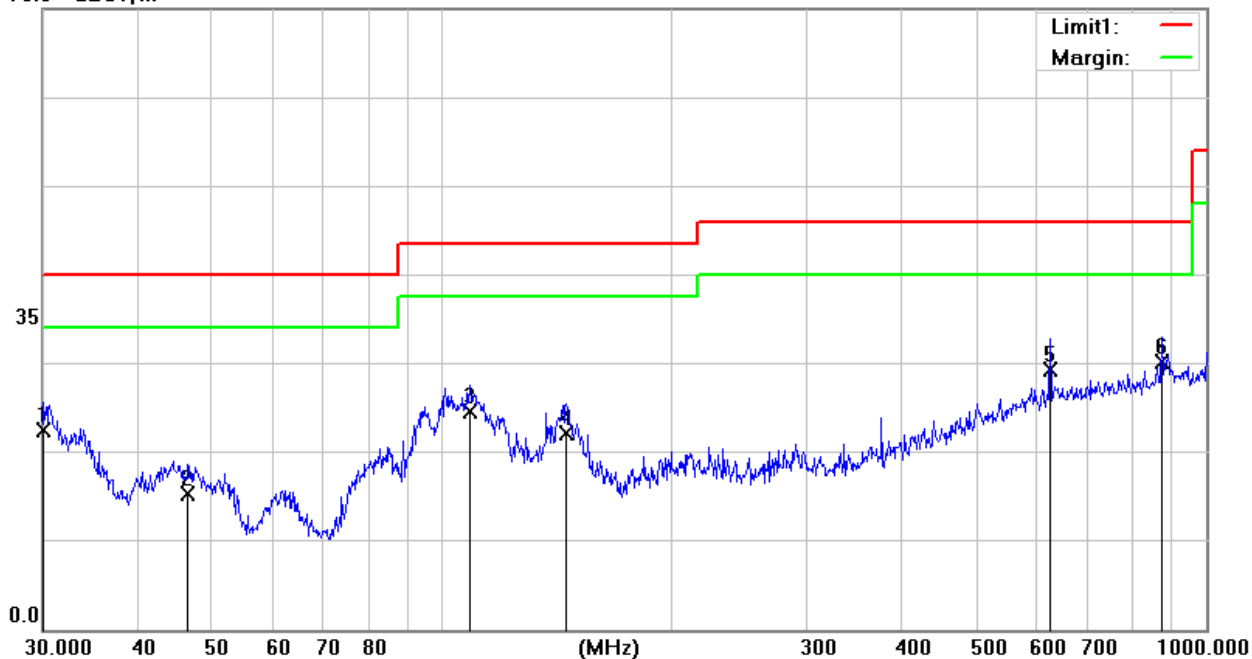
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Test Mode: 01; Polarity: Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.0000	3.14	19.42	22.56	40.00	-17.44	100	291	QP
2	46.5030	7.36	7.90	15.26	40.00	-24.74	100	135	QP
3	108.6470	10.89	13.64	24.53	43.50	-18.97	100	2	QP
4	145.3506	9.39	12.77	22.16	43.50	-21.34	200	359	QP
5	625.0780	6.45	22.91	29.36	46.00	-16.64	100	0	QP
6	875.2470	4.86	25.26	30.12	46.00	-15.88	400	357	QP

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7.4 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
Above 1GHz	500	3
<p>*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.</p> <p>(4) For transmitters operating in the 5.725-5.85 GHz band:</p> <p>(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.</p> <p>Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.</p>		

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 22.1 °C

Humidity: 53.9 % RH

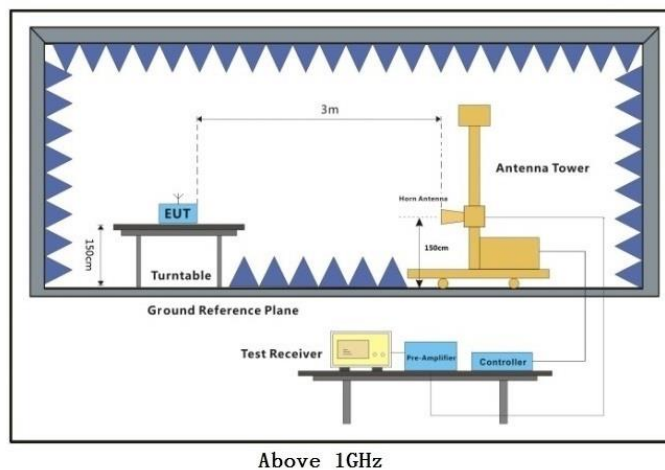
Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.

Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
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7.4.3 Test Setup Diagram



7.4.4 Measurement Procedure and Data

- a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamplifier Factor}$
2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.

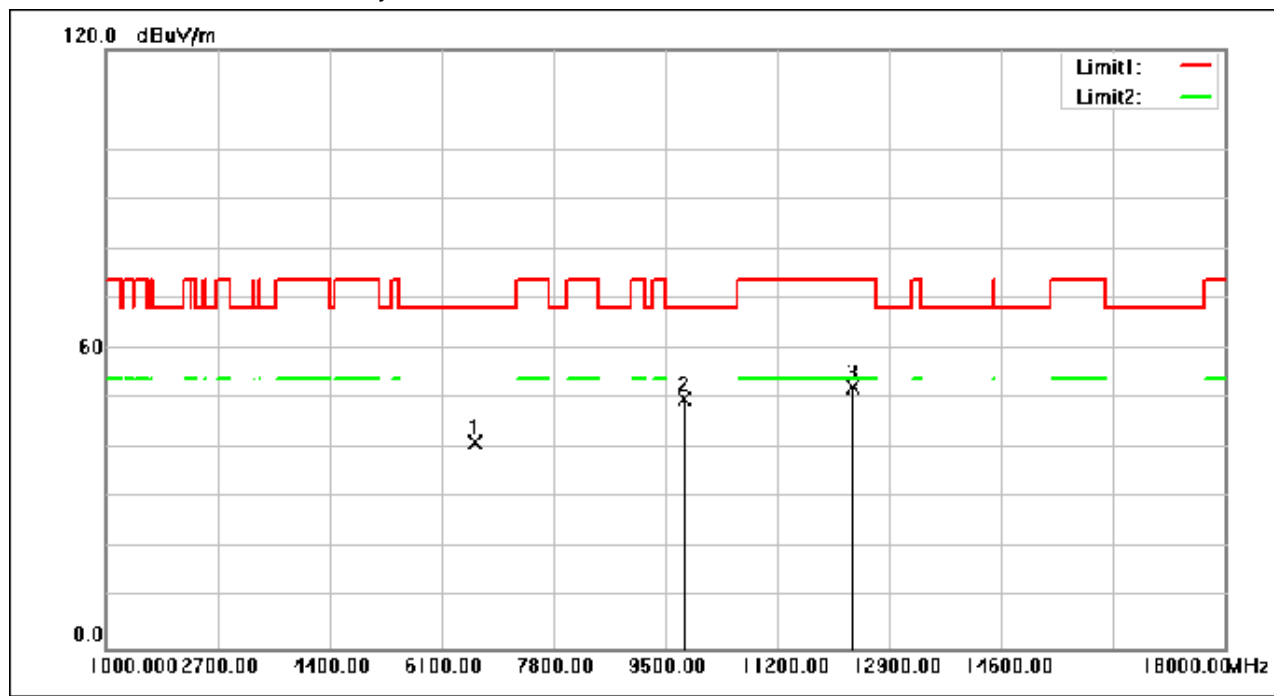
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6621.560	53.92	-12.59	41.33	68.30	-26.97	peak
2	9776.760	57.24	-7.43	49.81	68.30	-18.49	peak
3	12343.760	58.35	-6.04	52.31	74.00	-21.69	peak

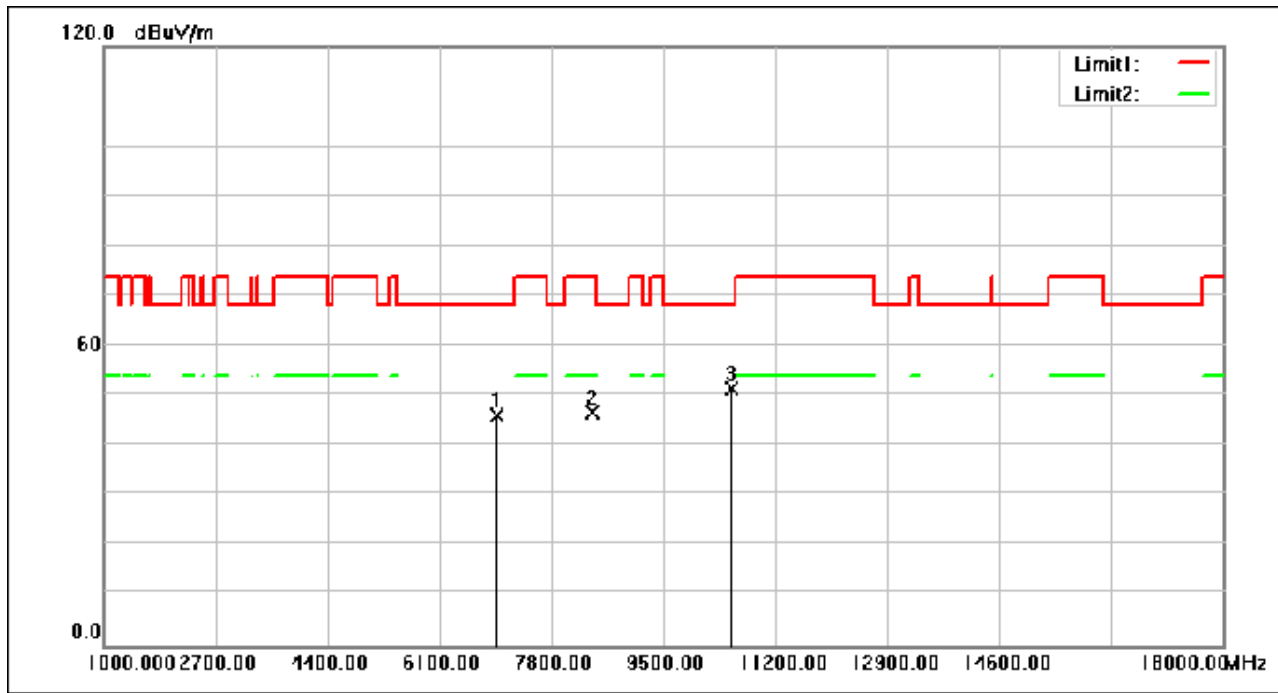
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Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6979.240	57.74	-11.60	46.14	68.30	-22.16	peak
2	8444.640	56.49	-9.85	46.64	74.00	-27.36	peak
3	10537.000	58.37	-7.01	51.36	68.30	-16.94	peak

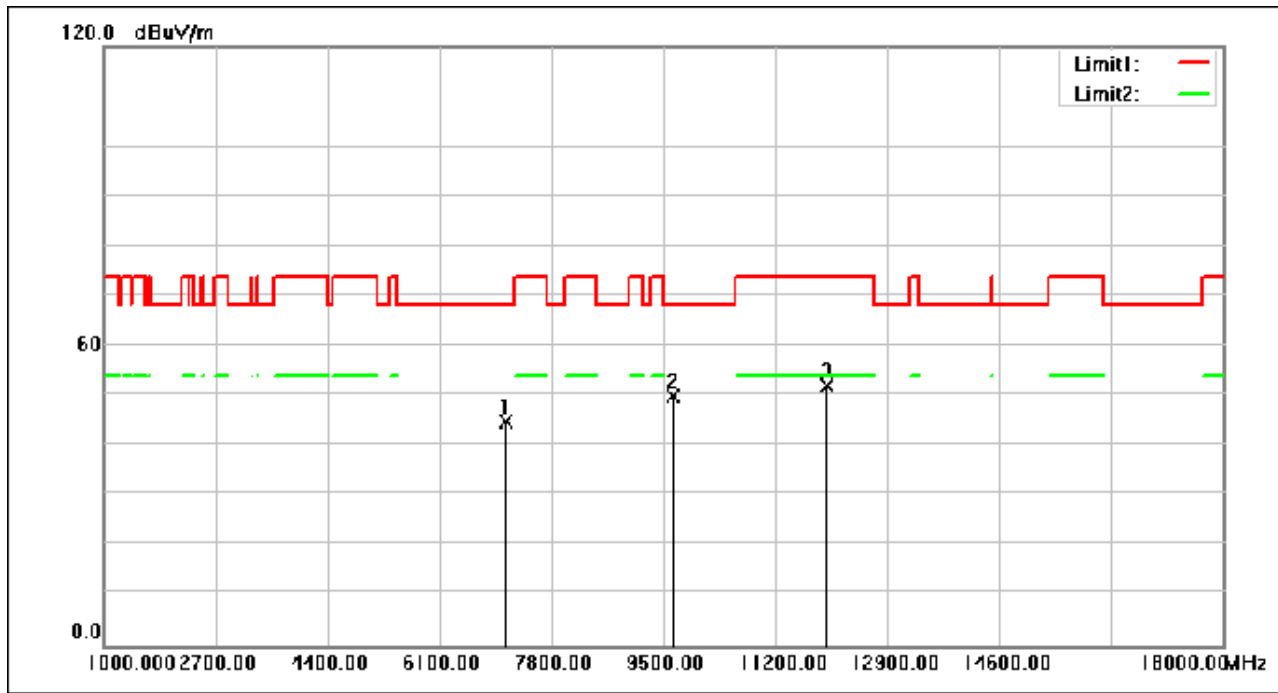
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7119.320	56.40	-11.51	44.89	68.30	-23.41	peak
2	9656.400	57.54	-7.66	49.88	68.30	-18.42	peak
3	11998.320	57.82	-5.89	51.93	74.00	-22.07	peak

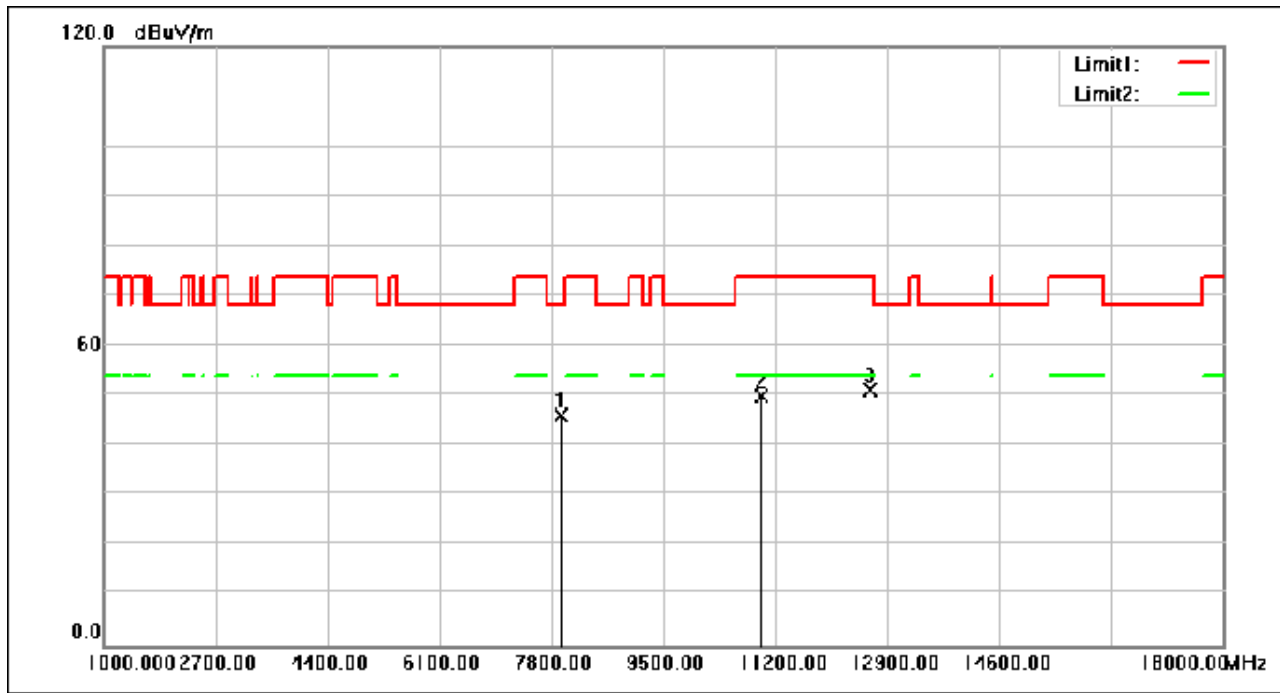
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Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7957.080	56.70	-10.66	46.04	68.30	-22.26	peak
2	10990.560	56.85	-6.77	50.08	74.00	-23.92	peak
3	12642.280	57.45	-6.18	51.27	74.00	-22.73	peak

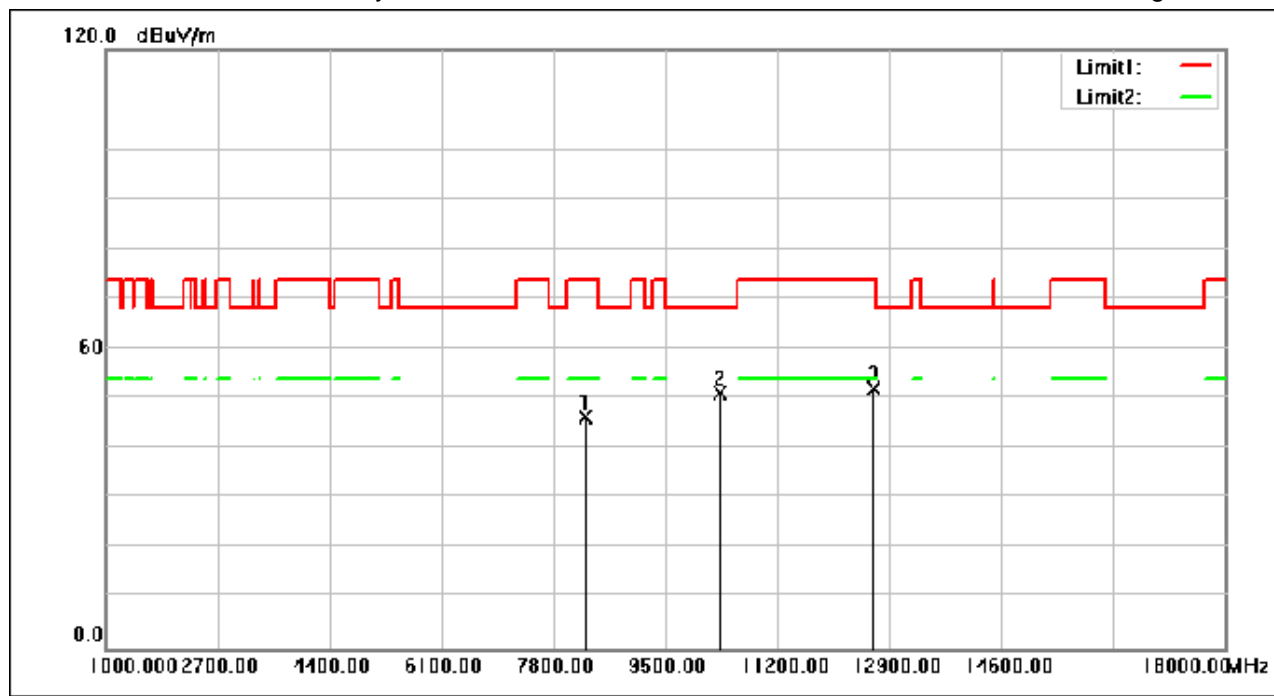
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8276.000	56.51	-10.13	46.38	74.00	-27.62	peak
2	10342.520	58.43	-7.13	51.30	68.30	-17.00	peak
3	12671.520	58.25	-6.19	52.06	74.00	-21.94	peak

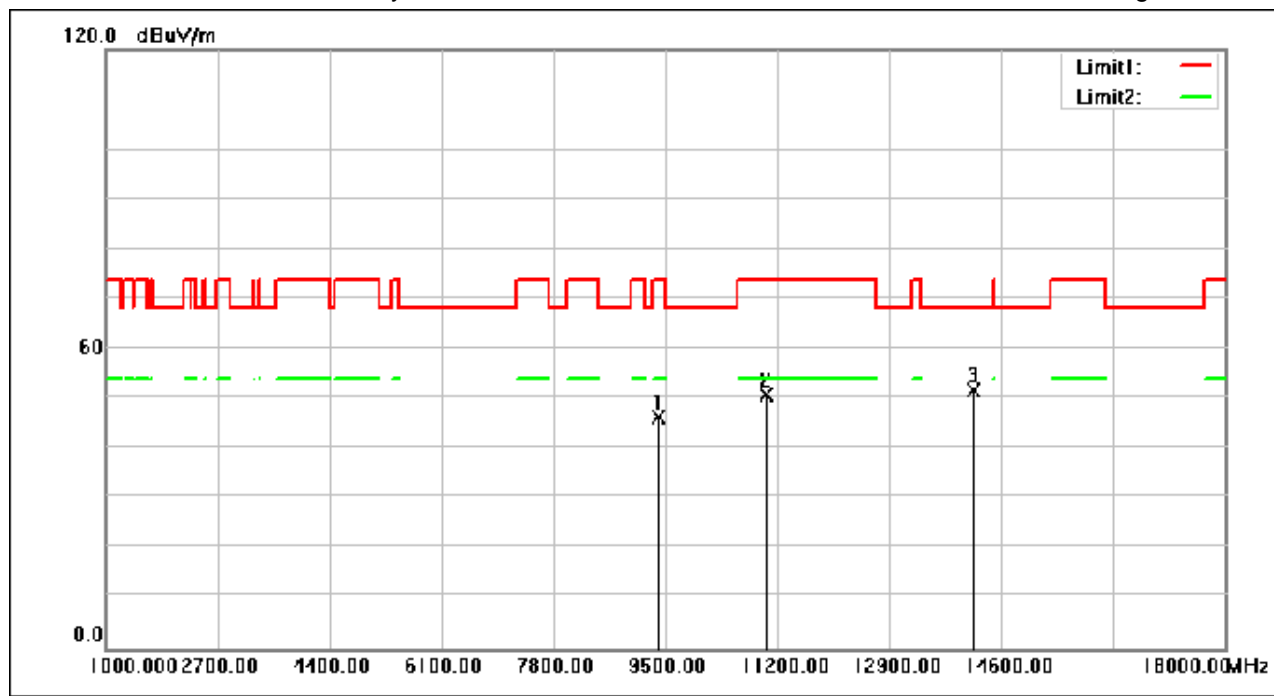
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Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9399.800	54.64	-8.14	46.50	74.00	-27.50	peak
2	11036.520	57.51	-6.73	50.78	74.00	-23.22	peak
3	14181.240	58.16	-6.28	51.88	68.30	-16.42	peak

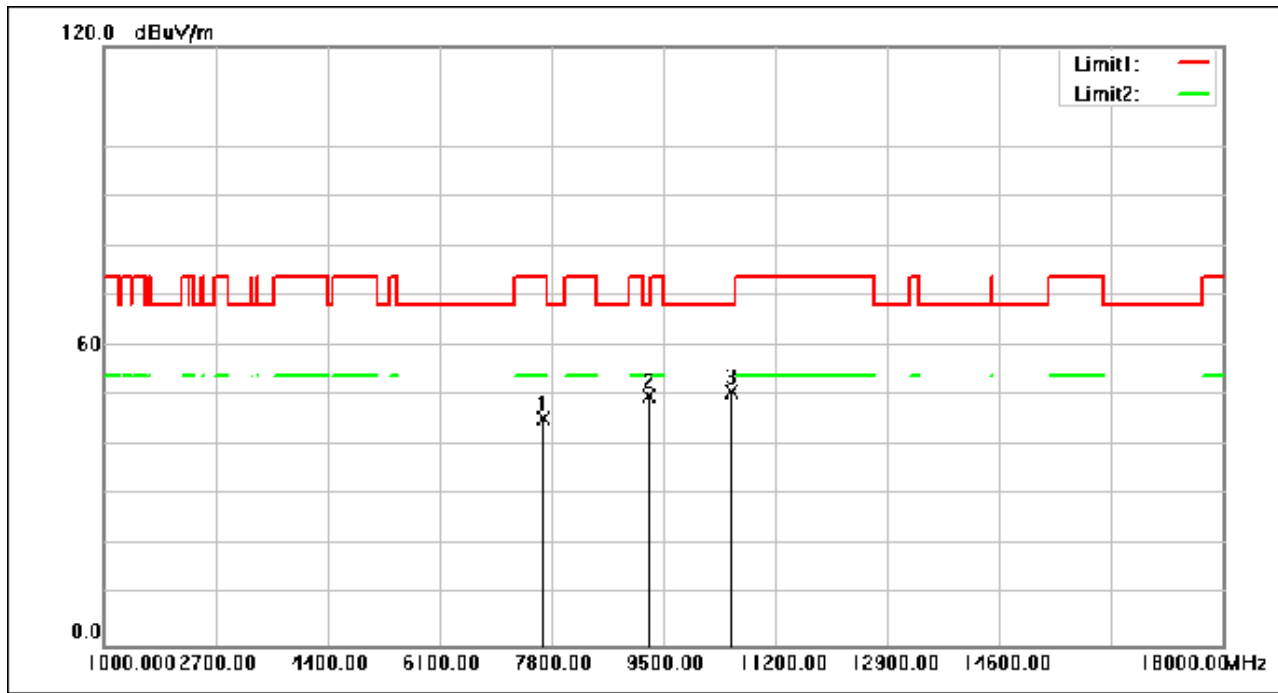
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7668.760	56.40	-11.03	45.37	74.00	-28.63	peak
2	9281.040	58.20	-8.37	49.83	68.30	-18.47	peak
3	10531.560	58.01	-7.02	50.99	68.30	-17.31	peak

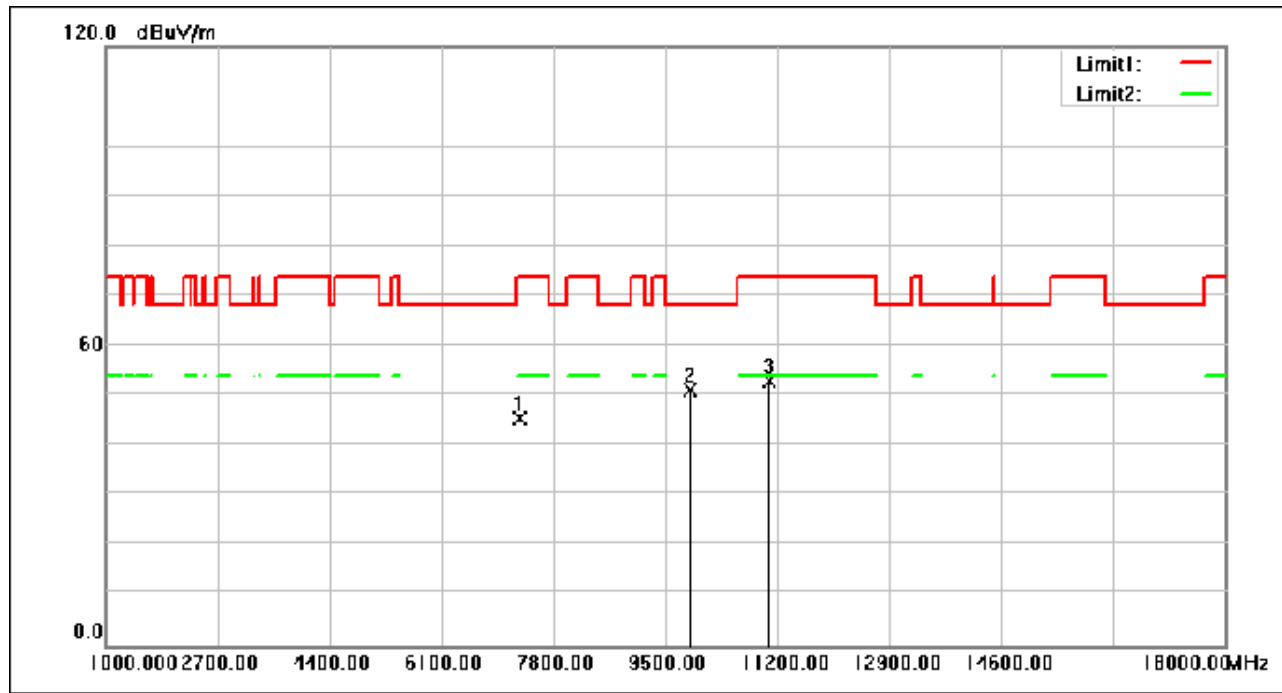
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7290.000	56.98	-11.44	45.54	74.00	-28.46	peak
2	9884.200	58.58	-7.30	51.28	68.30	-17.02	peak
3	11092.560	59.65	-6.69	52.96	74.00	-21.04	peak

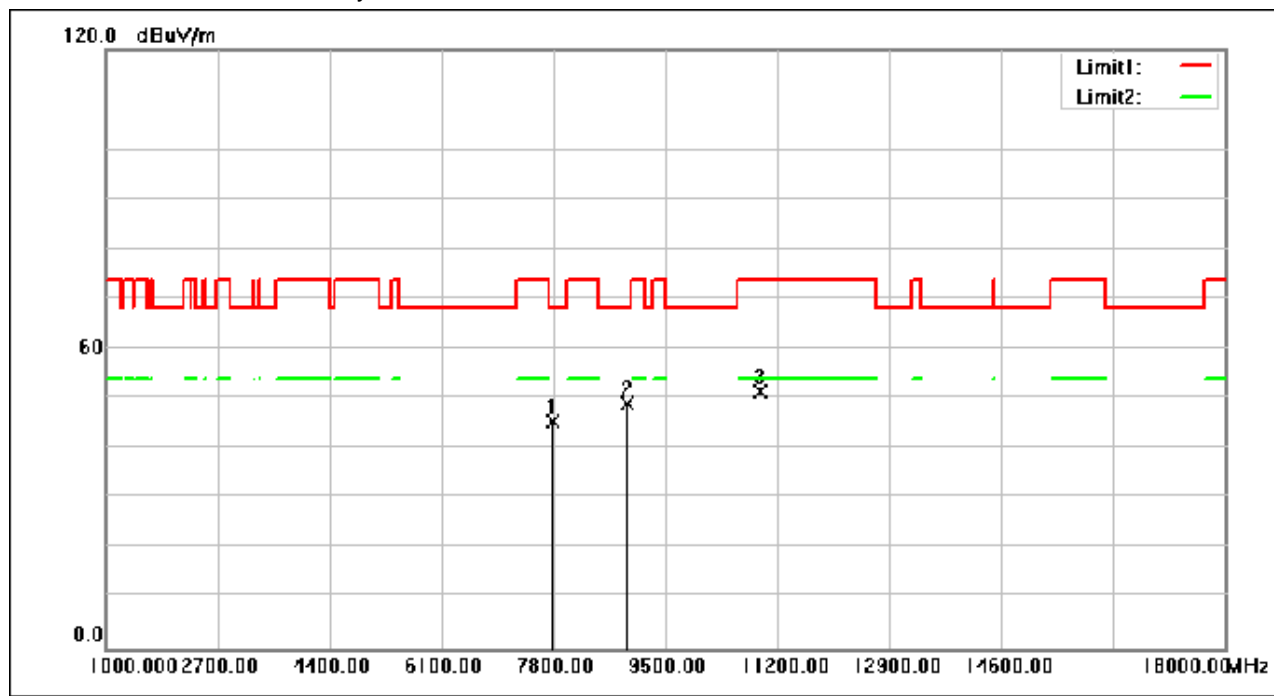
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7791.840	56.30	-10.88	45.42	68.30	-22.88	peak
2	8930.160	58.03	-9.04	48.99	68.30	-19.31	peak
3	10951.120	58.11	-6.78	51.33	74.00	-22.67	peak

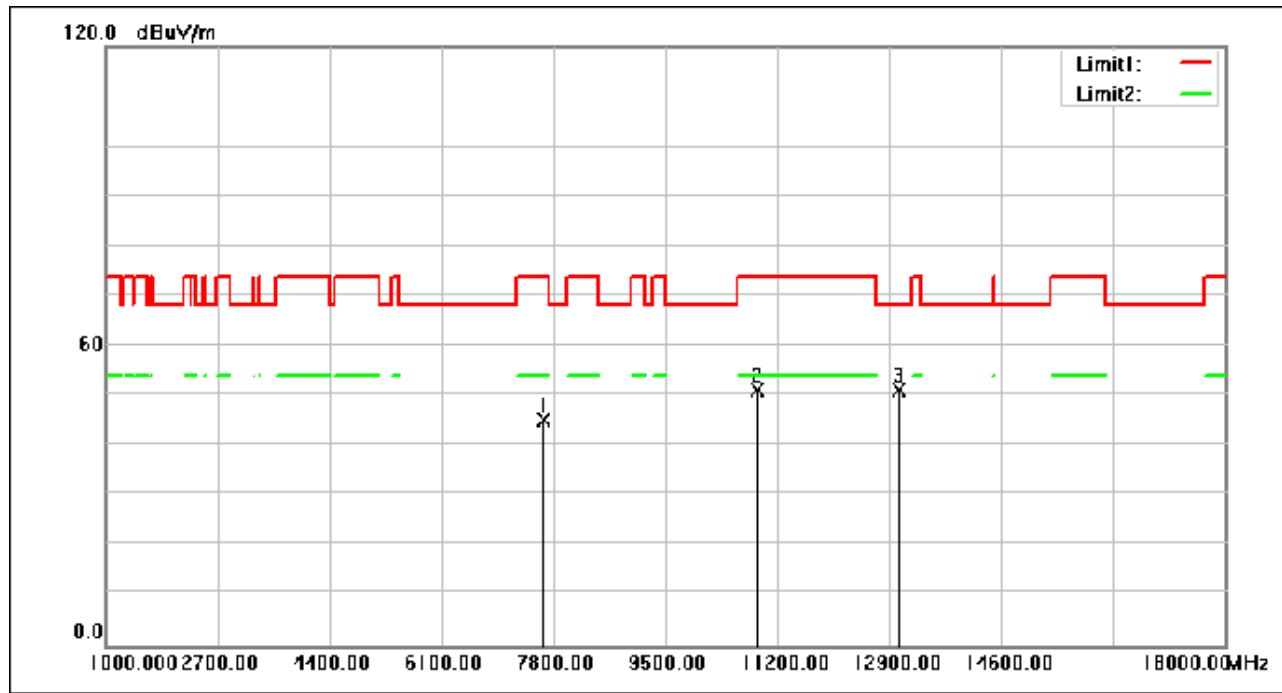
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7661.280	56.15	-11.04	45.11	74.00	-28.89	peak
2	10894.000	57.94	-6.81	51.13	74.00	-22.87	peak
3	13049.600	57.57	-6.31	51.26	68.30	-17.04	peak

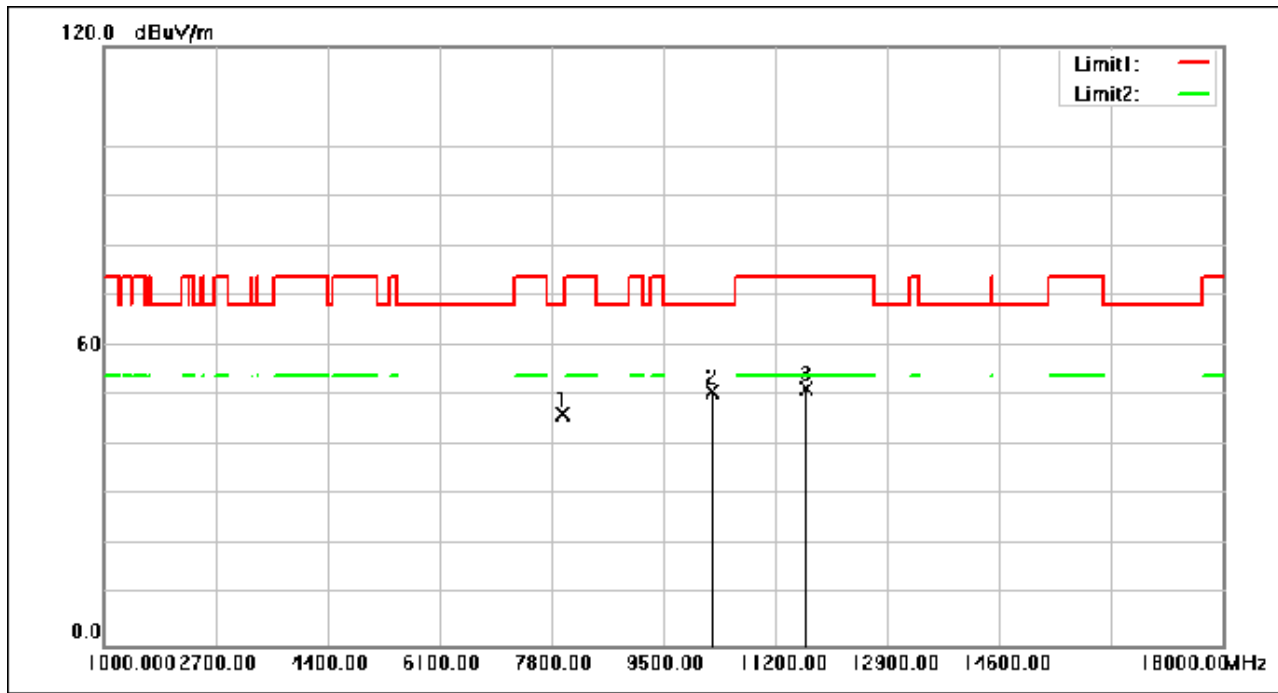
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7972.040	57.03	-10.63	46.40	68.30	-21.90	peak
2	10235.080	58.13	-7.20	50.93	68.30	-17.37	peak
3	11668.520	57.82	-6.22	51.60	74.00	-22.40	peak

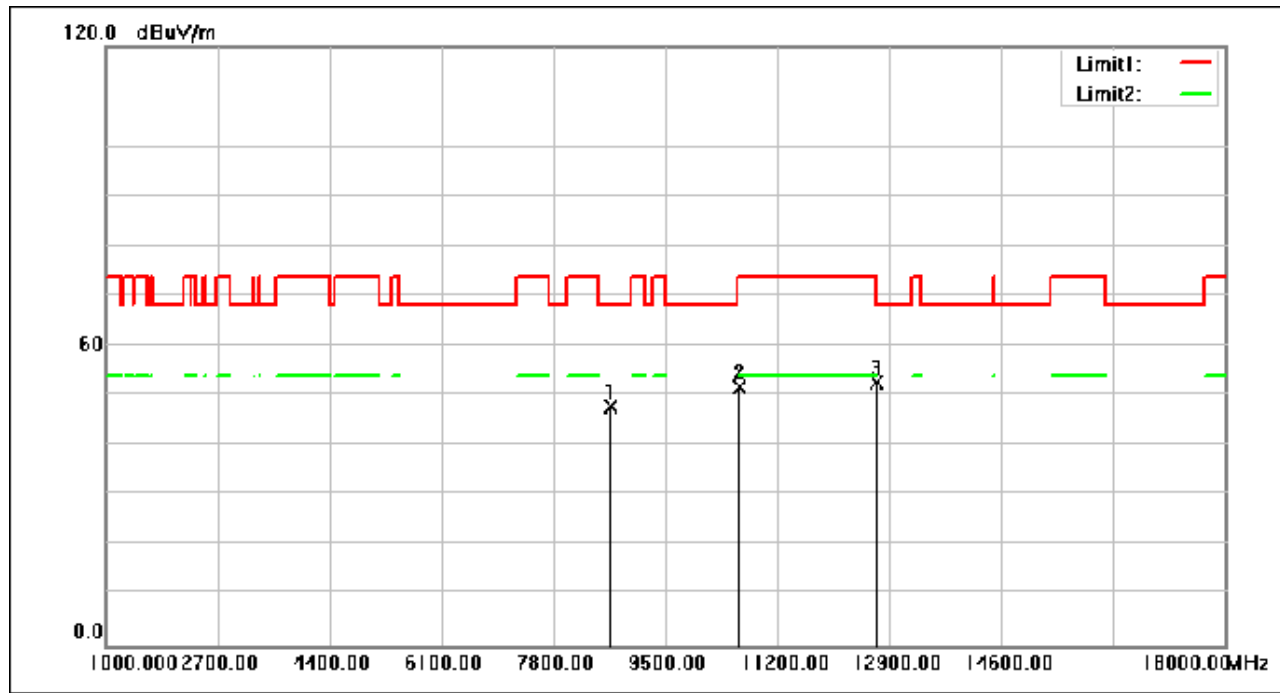
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8678.560	57.36	-9.46	47.90	68.30	-20.40	peak
2	10628.800	58.63	-6.96	51.67	74.00	-22.33	peak
3	12707.560	58.84	-6.21	52.63	68.30	-15.67	peak

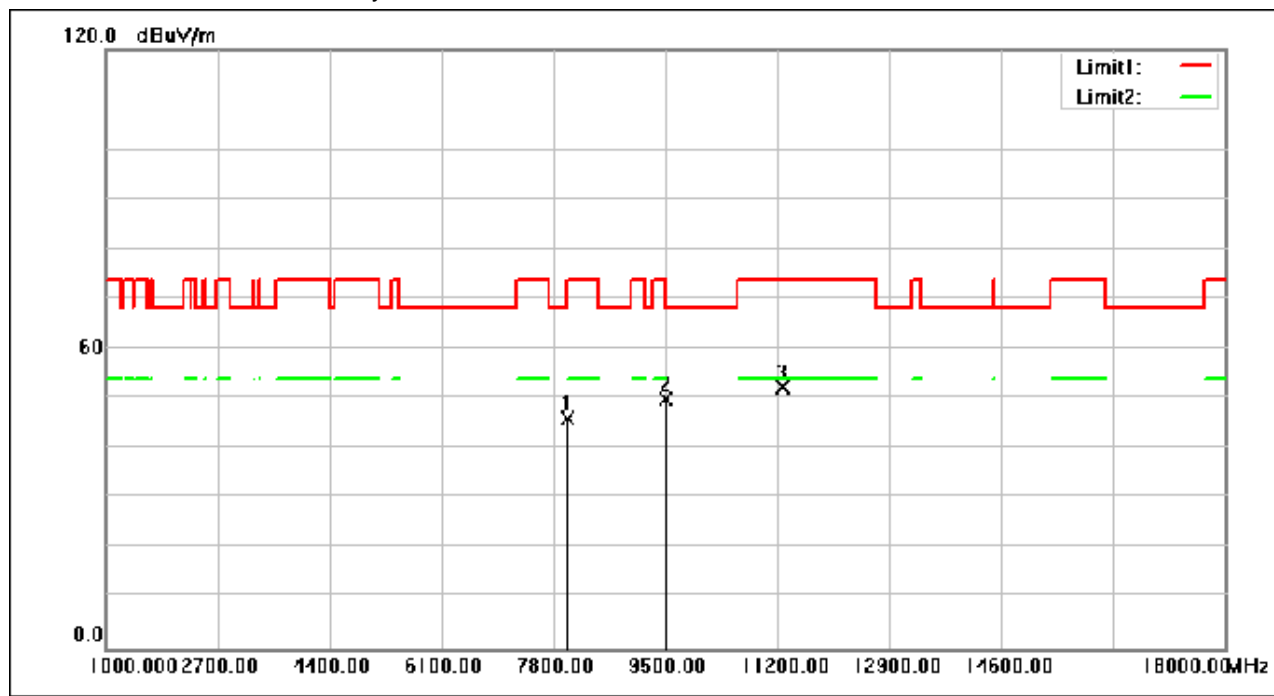
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8022.360	56.58	-10.56	46.02	68.30	-22.28	peak
2	9511.560	57.96	-7.93	50.03	68.30	-18.27	peak
3	11297.920	58.75	-6.52	52.23	74.00	-21.77	peak

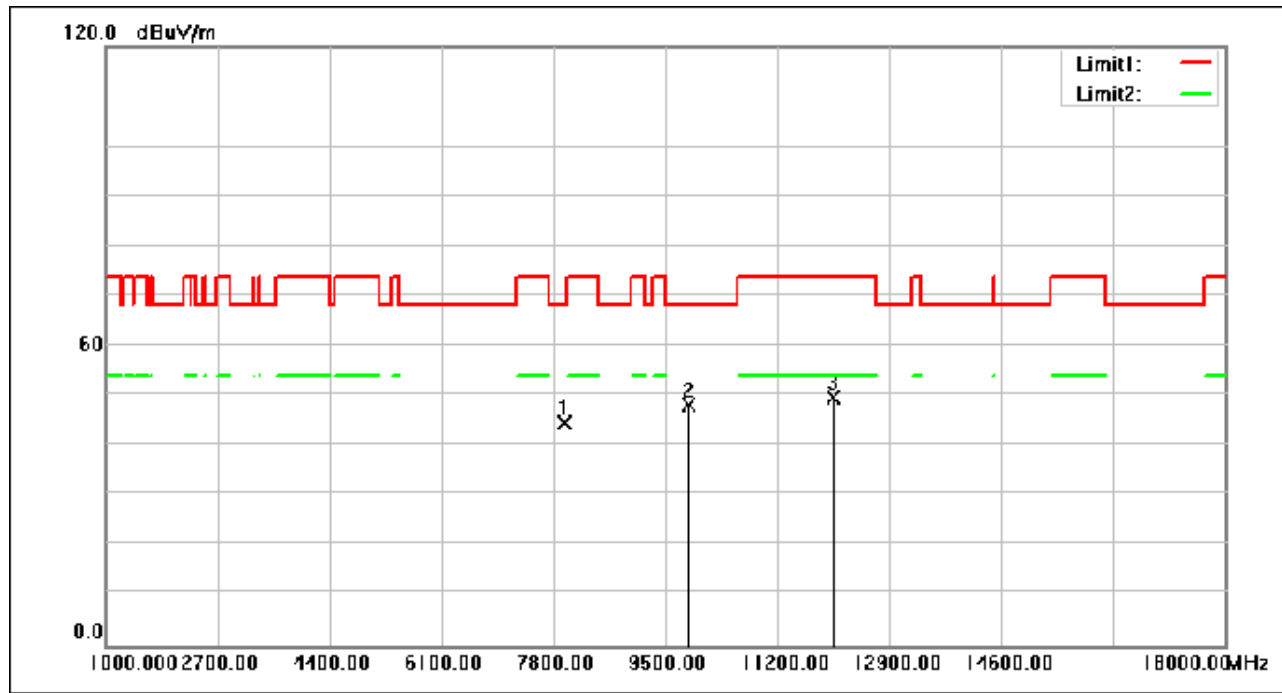
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7985.640	55.07	-10.62	44.45	68.30	-23.85	peak
2	9850.880	55.60	-7.30	48.30	68.30	-20.00	peak
3	12055.440	55.46	-5.91	49.55	74.00	-24.45	peak

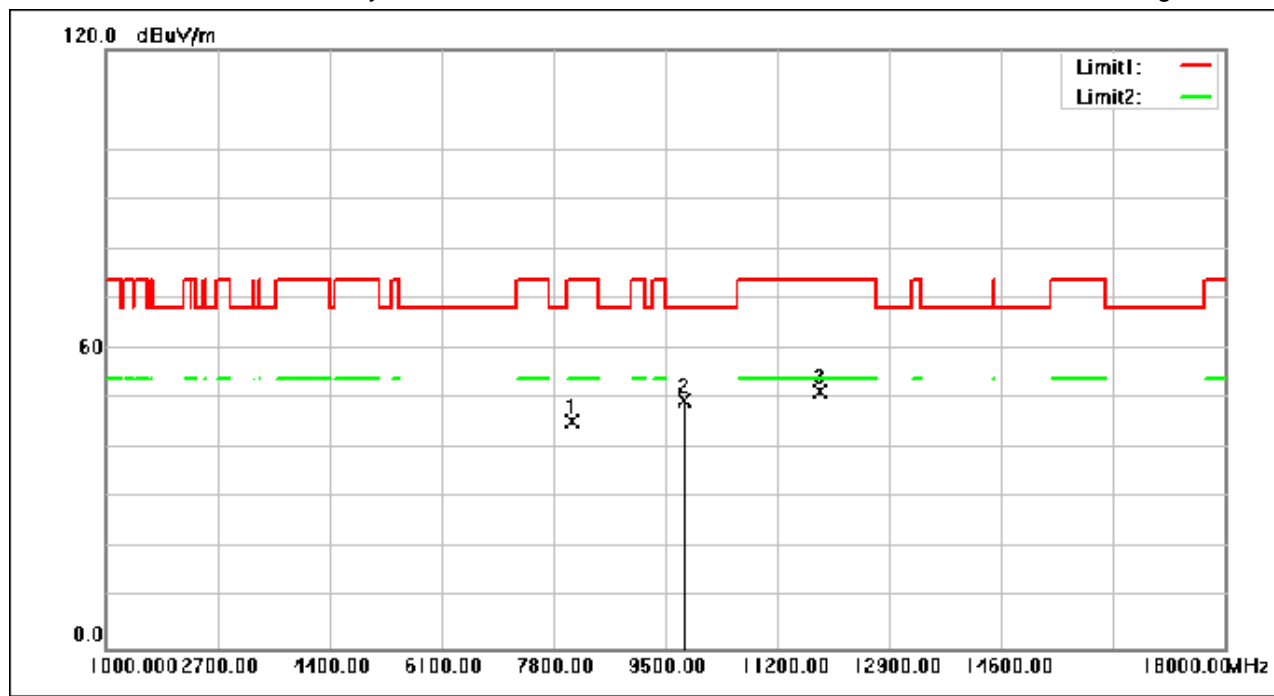
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8097.160	55.82	-10.42	45.40	74.00	-28.60	peak
2	9801.920	56.94	-7.38	49.56	68.30	-18.74	peak
3	11854.160	57.65	-6.08	51.57	74.00	-22.43	peak

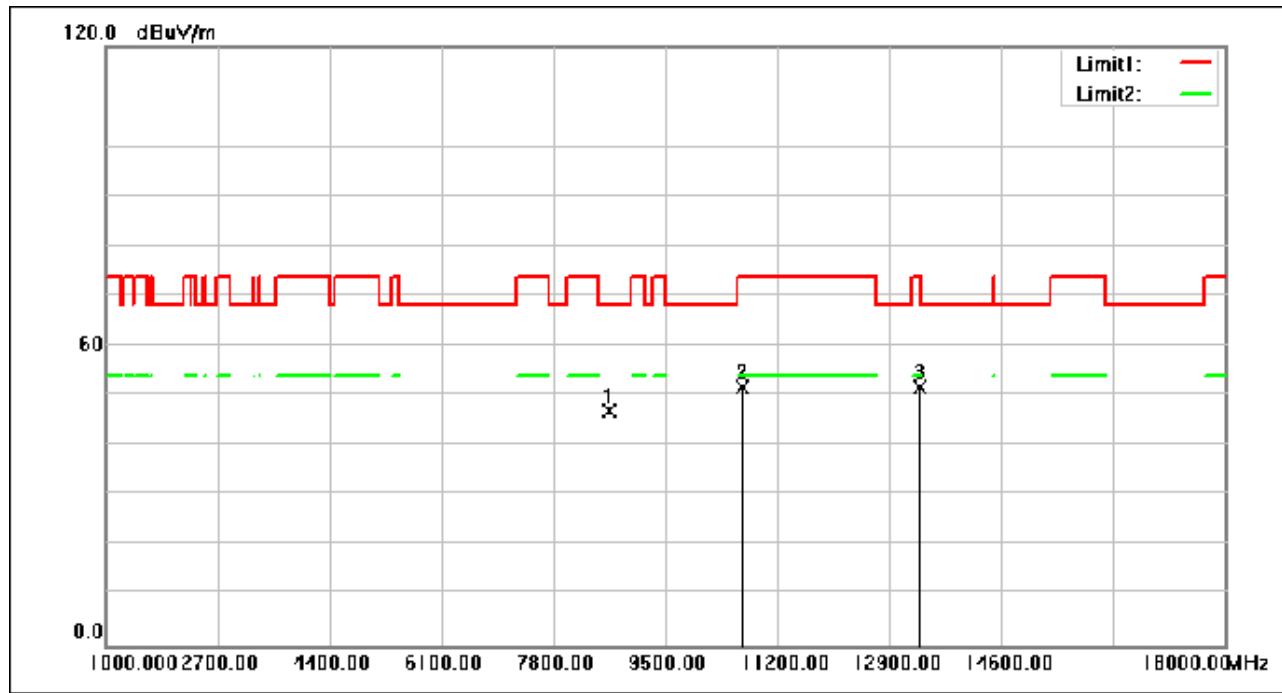
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8664.280	56.34	-9.48	46.86	68.30	-21.44	peak
2	10662.800	58.81	-6.95	51.86	74.00	-22.14	peak
3	13365.800	58.20	-6.31	51.89	74.00	-22.11	peak

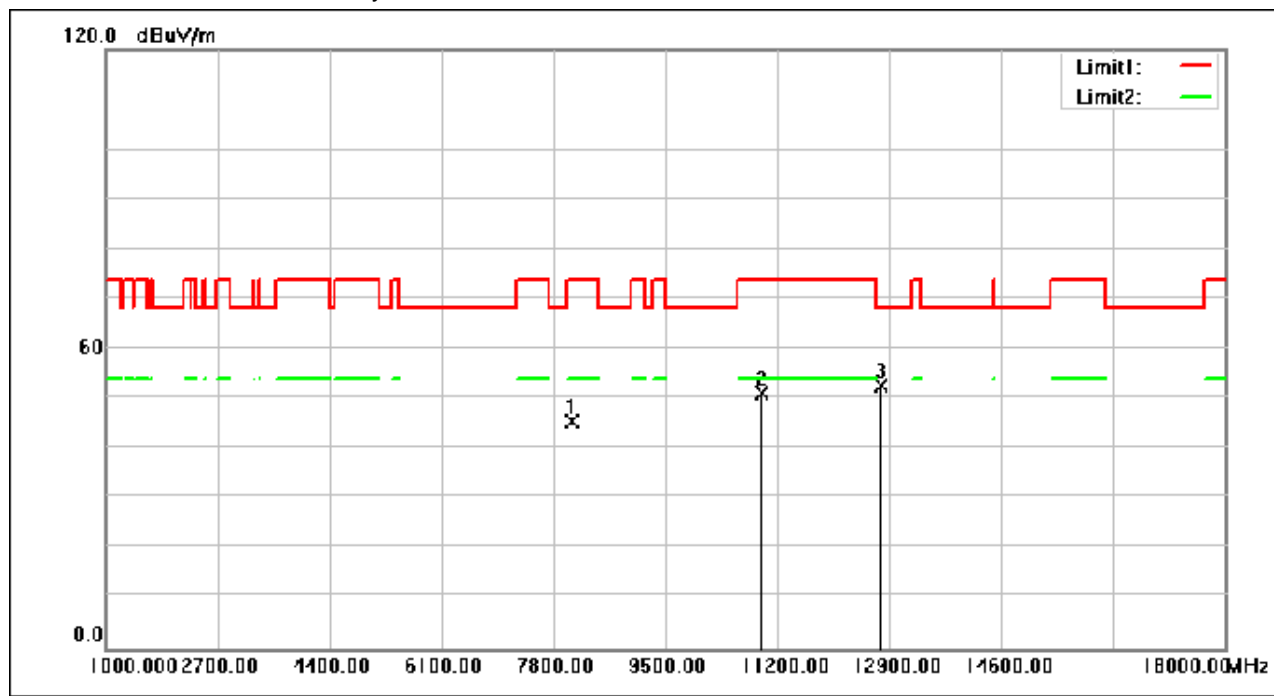
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8089.680	56.02	-10.44	45.58	74.00	-28.42	peak
2	10976.960	57.79	-6.78	51.01	74.00	-22.99	peak
3	12774.880	58.79	-6.24	52.55	68.30	-15.75	peak

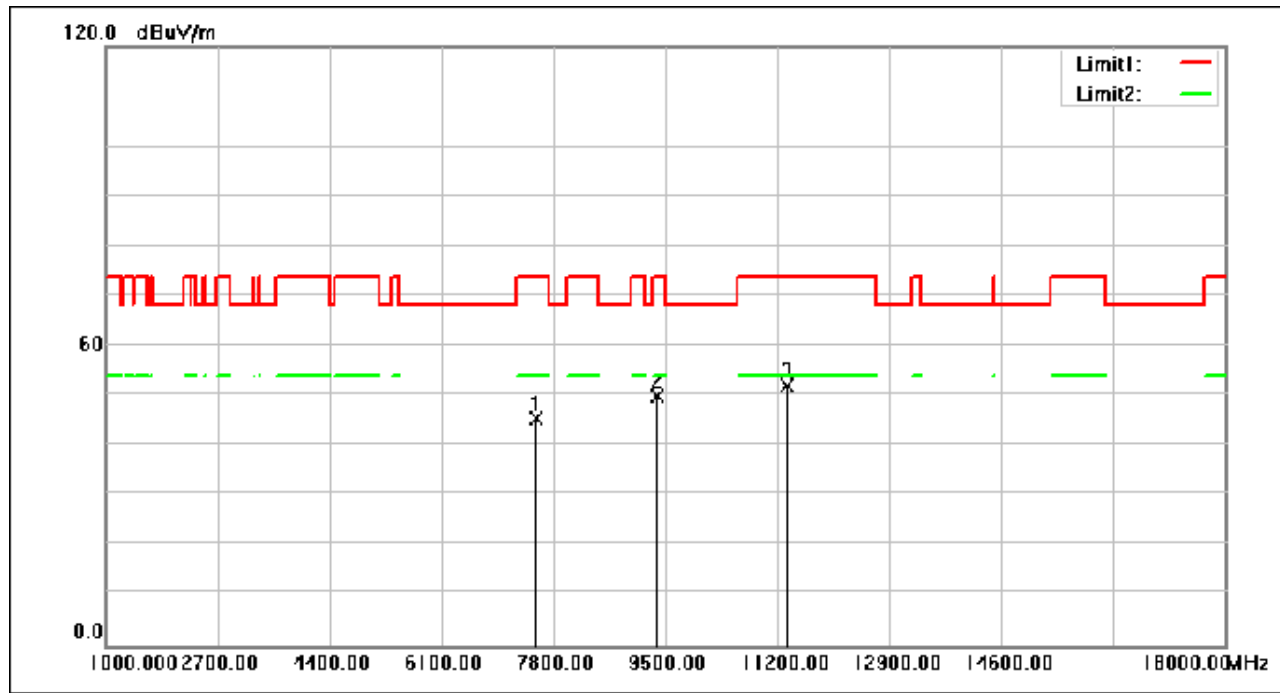
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7534.120	56.67	-11.22	45.45	74.00	-28.55	peak
2	9370.120	58.30	-8.20	50.10	74.00	-23.90	peak
3	11348.920	58.53	-6.48	52.05	74.00	-21.95	peak

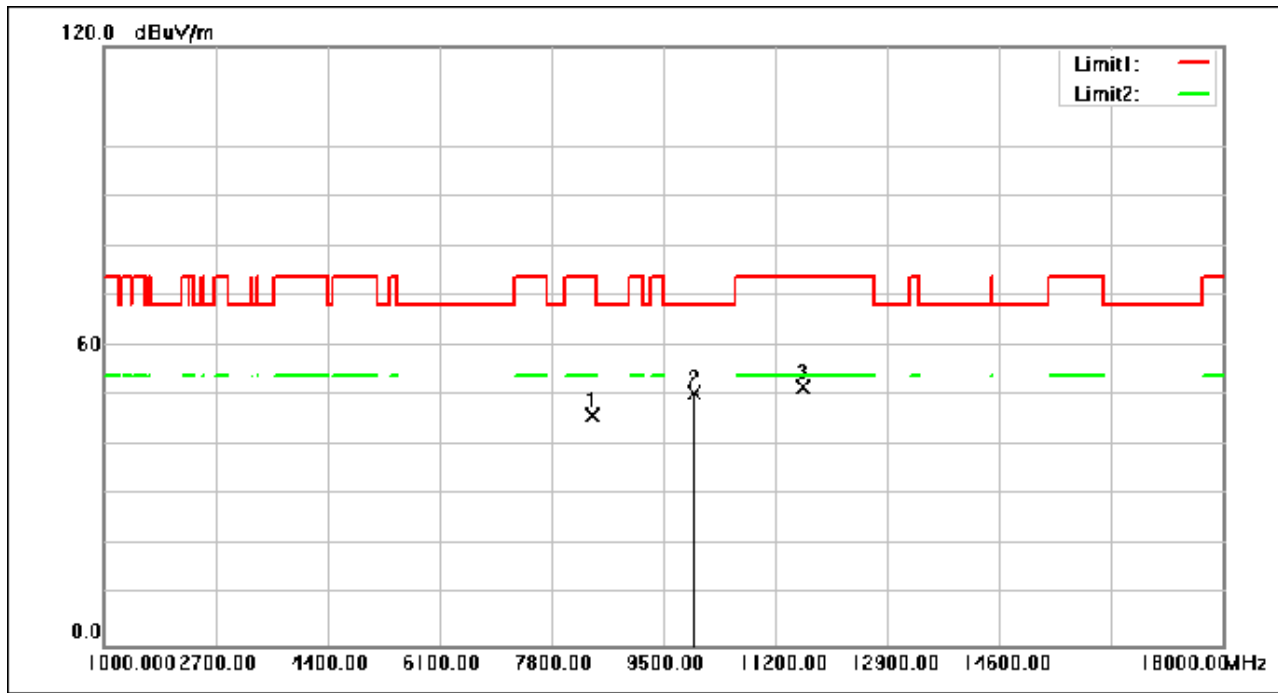
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8436.480	55.88	-9.86	46.02	74.00	-27.98	peak
2	9960.360	57.92	-7.32	50.60	68.30	-17.70	peak
3	11618.880	57.88	-6.26	51.62	74.00	-22.38	peak

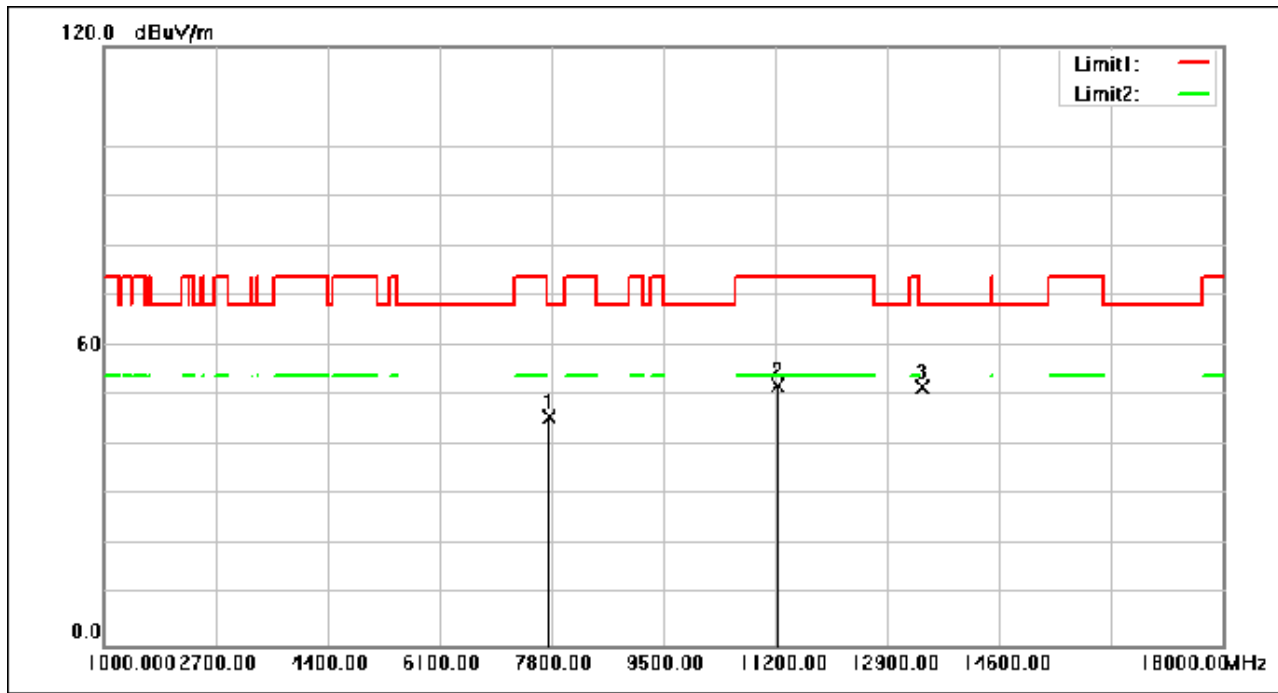
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7776.880	56.62	-10.90	45.72	68.30	-22.58	peak
2	11237.400	58.53	-6.57	51.96	74.00	-22.04	peak
3	13442.640	58.05	-6.33	51.72	68.30	-16.58	peak

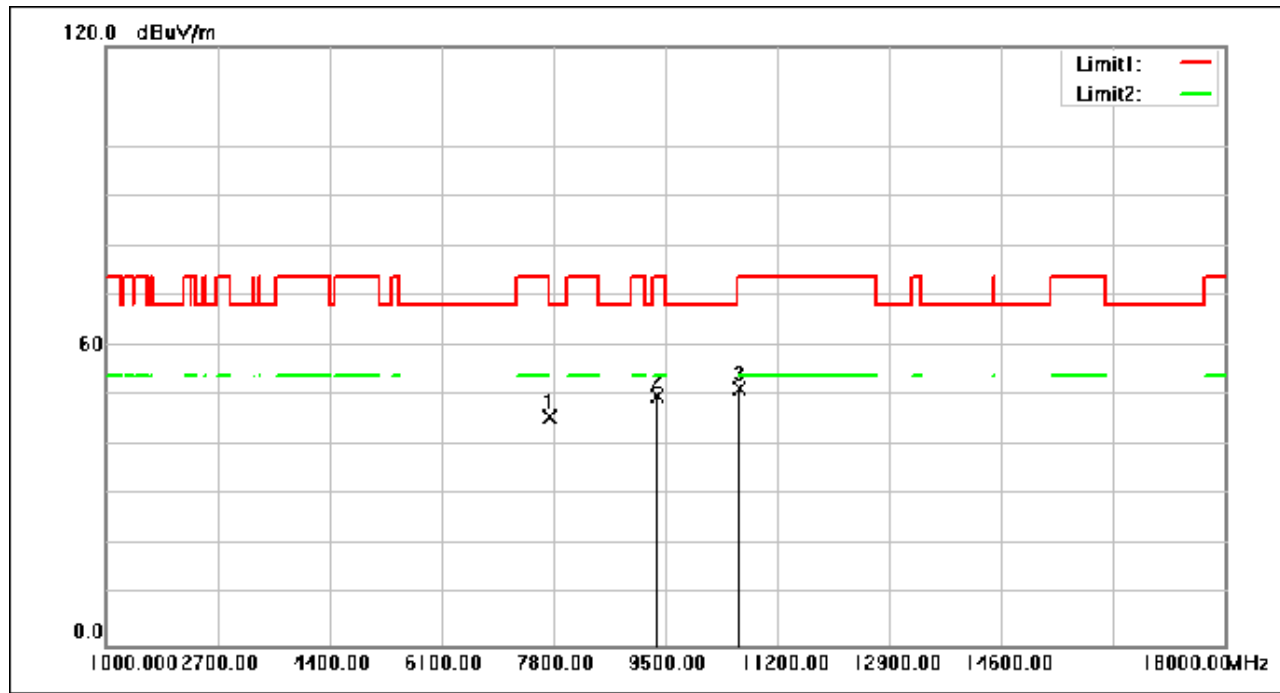
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7734.040	56.79	-10.95	45.84	74.00	-28.16	peak
2	9383.720	58.00	-8.18	49.82	74.00	-24.18	peak
3	10624.040	58.54	-6.96	51.58	74.00	-22.42	peak

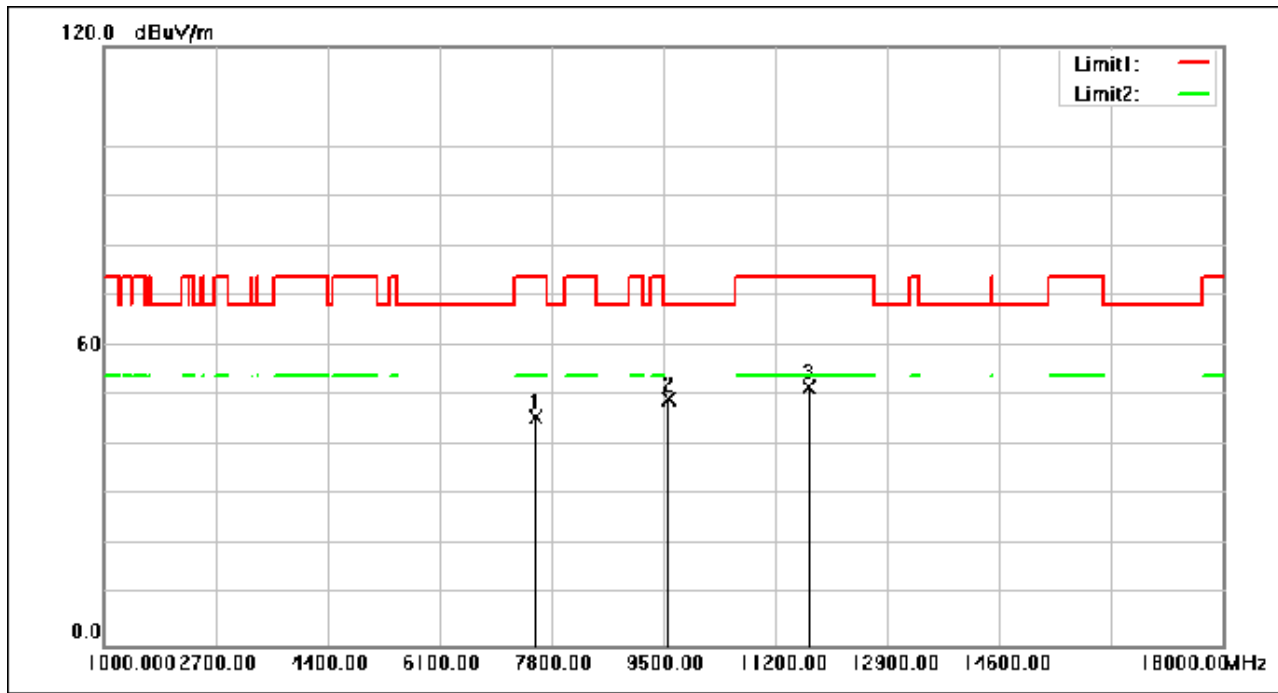
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7564.720	56.81	-11.17	45.64	74.00	-28.36	peak
2	9578.200	57.31	-7.81	49.50	68.30	-18.80	peak
3	11720.880	57.94	-6.18	51.76	74.00	-22.24	peak

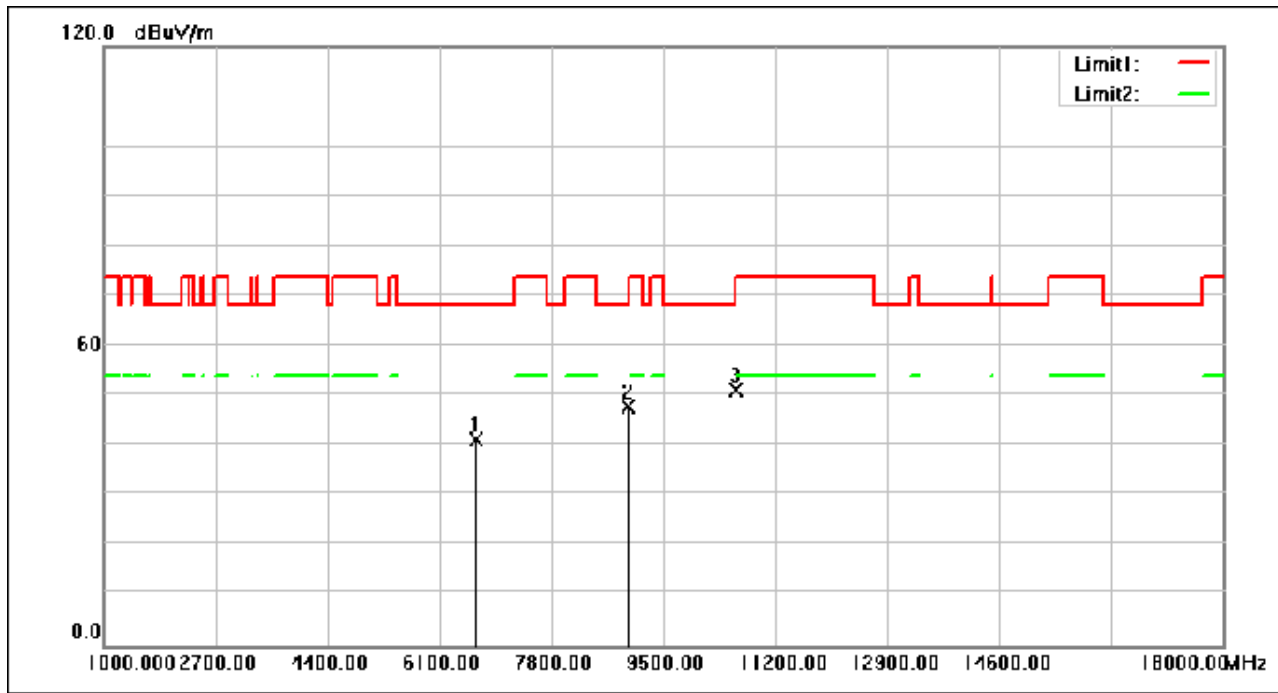
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6660.320	53.76	-12.38	41.38	68.30	-26.92	peak
2	8988.640	56.77	-8.92	47.85	68.30	-20.45	peak
3	10605.000	58.02	-6.98	51.04	74.00	-22.96	peak

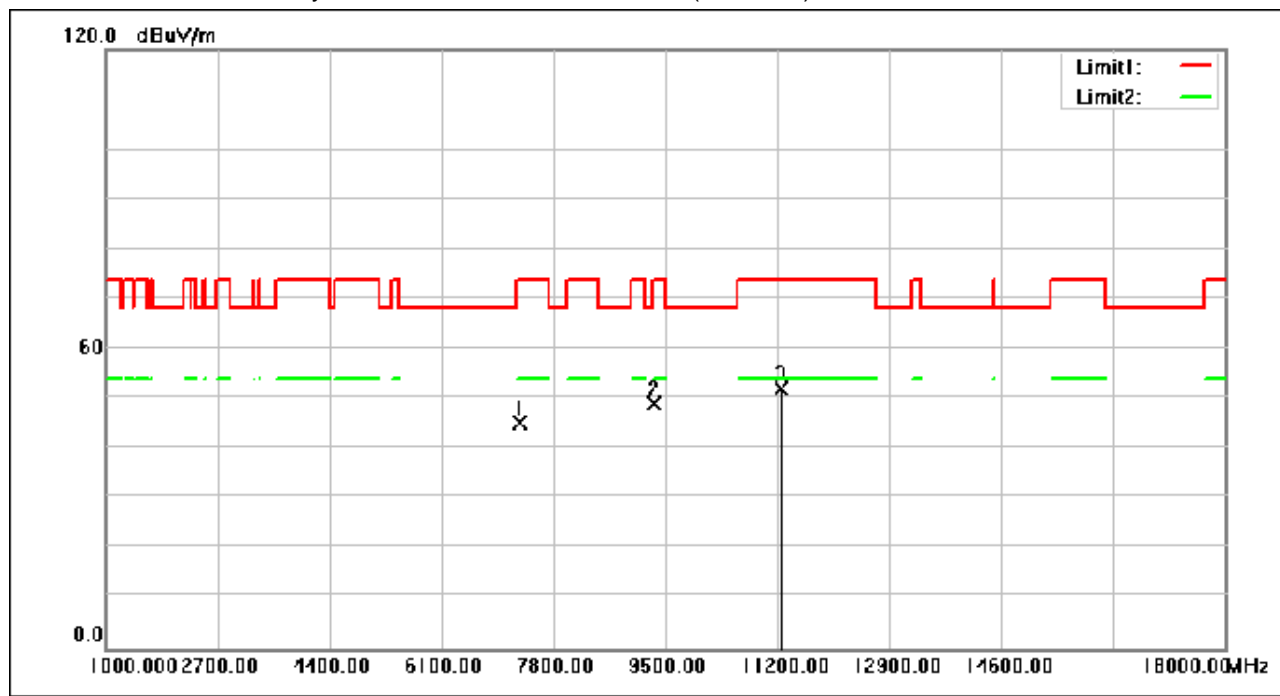
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7298.840	56.52	-11.43	45.09	74.00	-28.91	peak
2	9345.640	57.40	-8.24	49.16	74.00	-24.84	peak
3	11255.760	58.47	-6.55	51.92	74.00	-22.08	peak

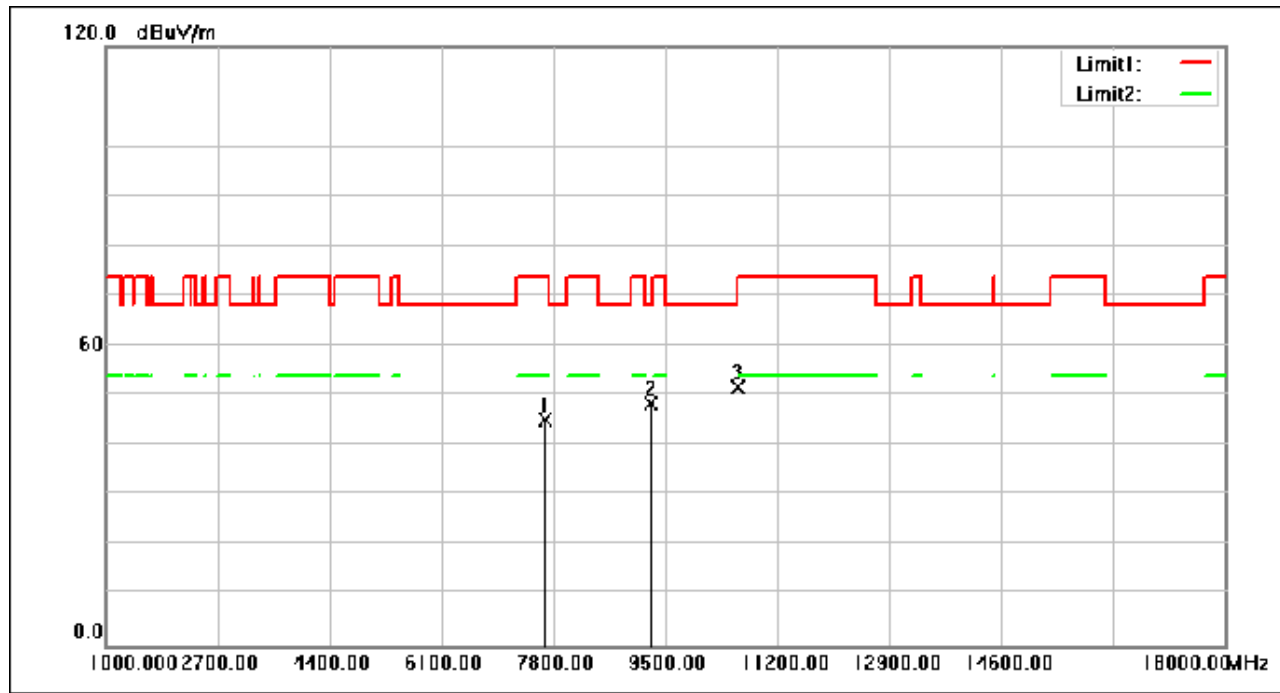
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7677.600	56.10	-11.03	45.07	74.00	-28.93	peak
2	9291.240	56.83	-8.35	48.48	68.30	-19.82	peak
3	10620.640	58.82	-6.97	51.85	74.00	-22.15	peak

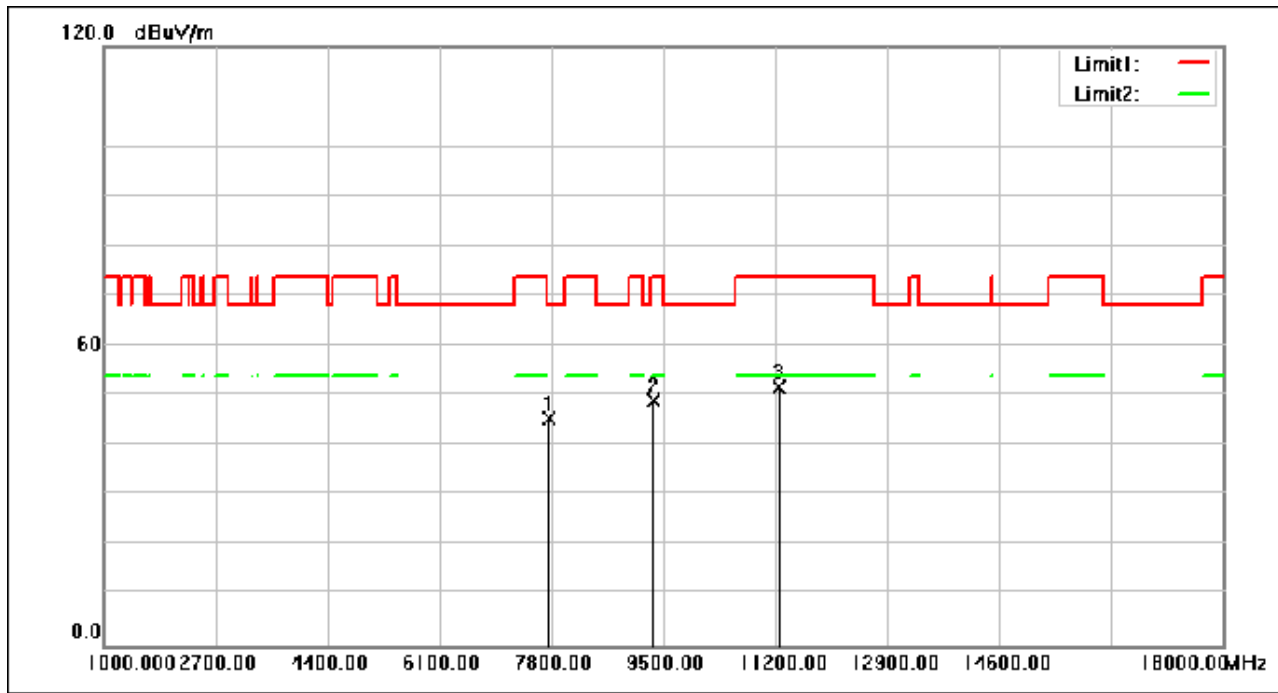
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7771.440	56.43	-10.90	45.53	68.30	-22.77	peak
2	9352.440	57.36	-8.24	49.12	74.00	-24.88	peak
3	11257.120	58.43	-6.55	51.88	74.00	-22.12	peak

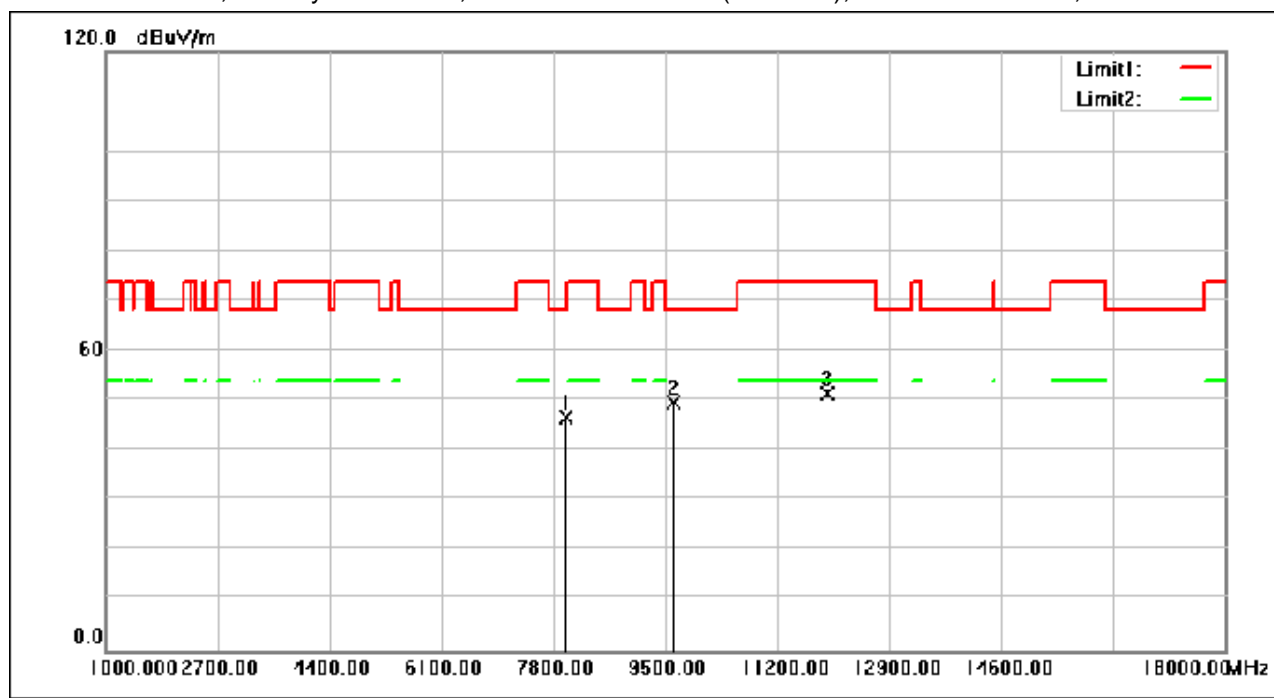
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7996.520	57.13	-10.61	46.52	68.30	-21.78	peak
2	9626.480	57.49	-7.71	49.78	68.30	-18.52	peak
3	11980.640	57.42	-5.92	51.50	74.00	-22.50	peak

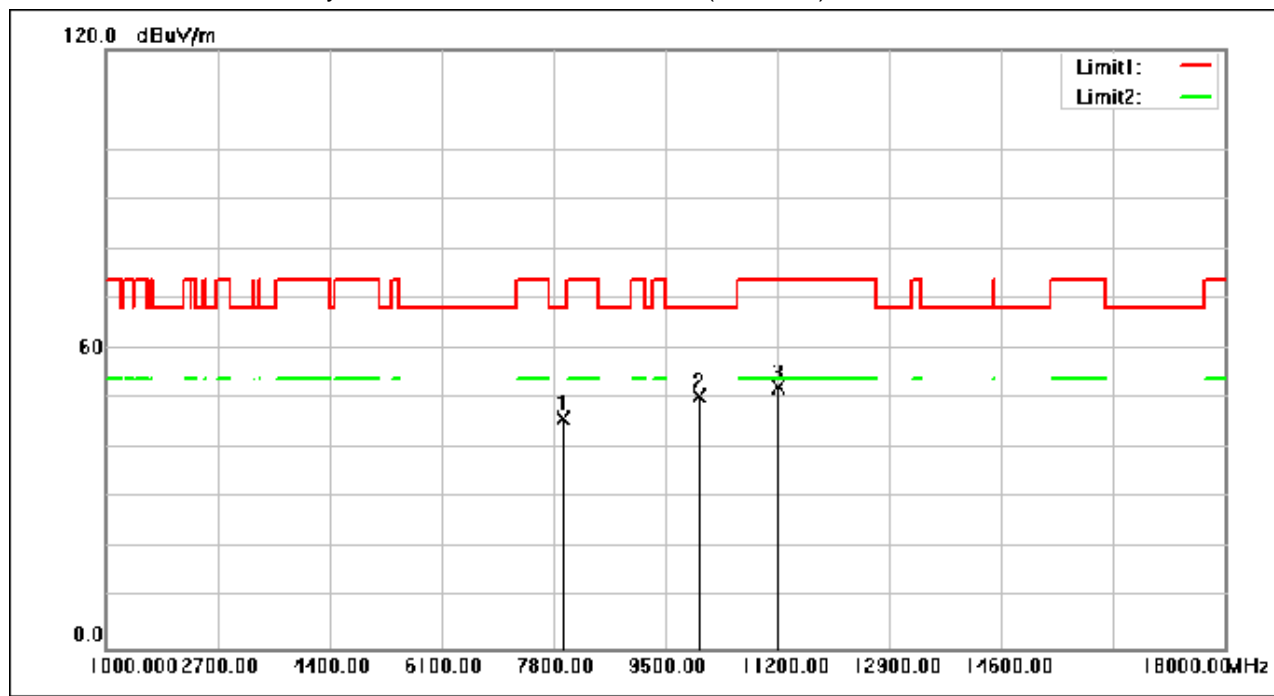
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7942.800	56.62	-10.68	45.94	68.30	-22.36	peak
2	10018.840	57.83	-7.32	50.51	68.30	-17.79	peak
3	11225.840	58.96	-6.58	52.38	74.00	-21.62	peak

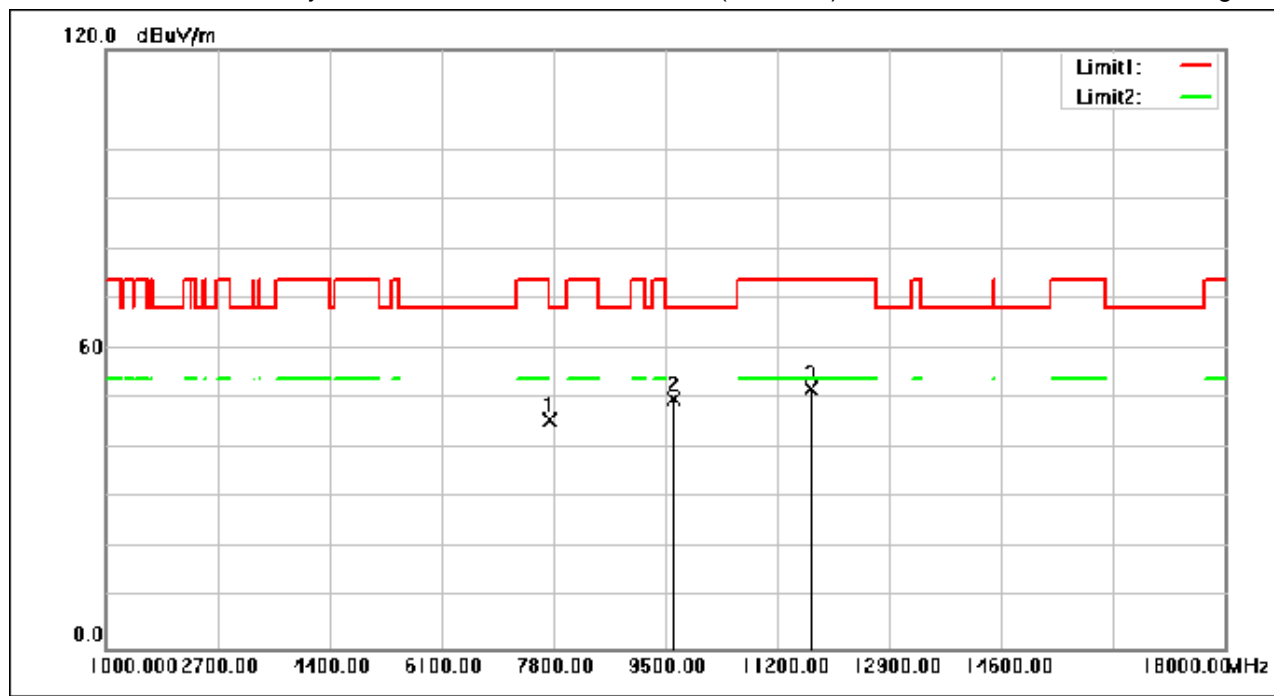
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7736.760	56.58	-10.95	45.63	74.00	-28.37	peak
2	9624.440	57.73	-7.72	50.01	68.30	-18.29	peak
3	11721.560	58.14	-6.18	51.96	74.00	-22.04	peak

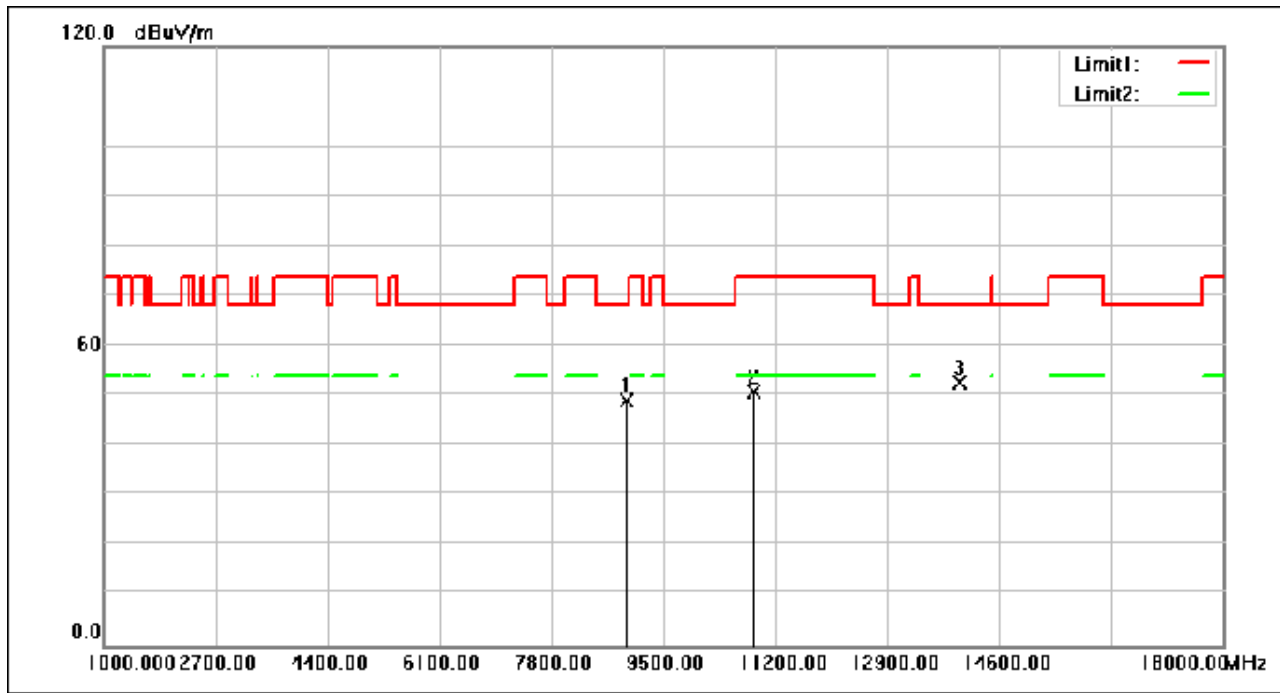
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8942.400	57.96	-9.03	48.93	68.30	-19.37	peak
2	10892.640	57.69	-6.82	50.87	74.00	-23.13	peak
3	13998.200	59.19	-6.43	52.76	68.30	-15.54	peak

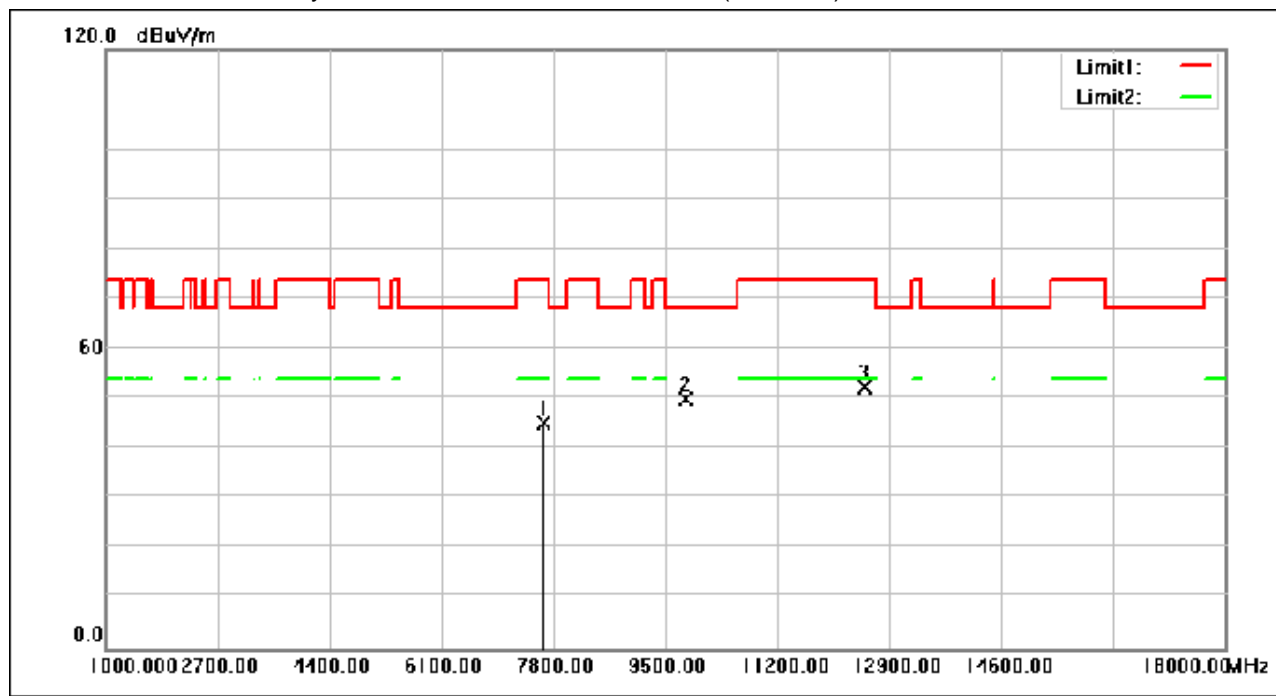
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7661.960	56.30	-11.04	45.26	74.00	-28.74	peak
2	9822.320	57.24	-7.34	49.90	68.30	-18.40	peak
3	12540.960	58.46	-6.14	52.32	74.00	-21.68	peak

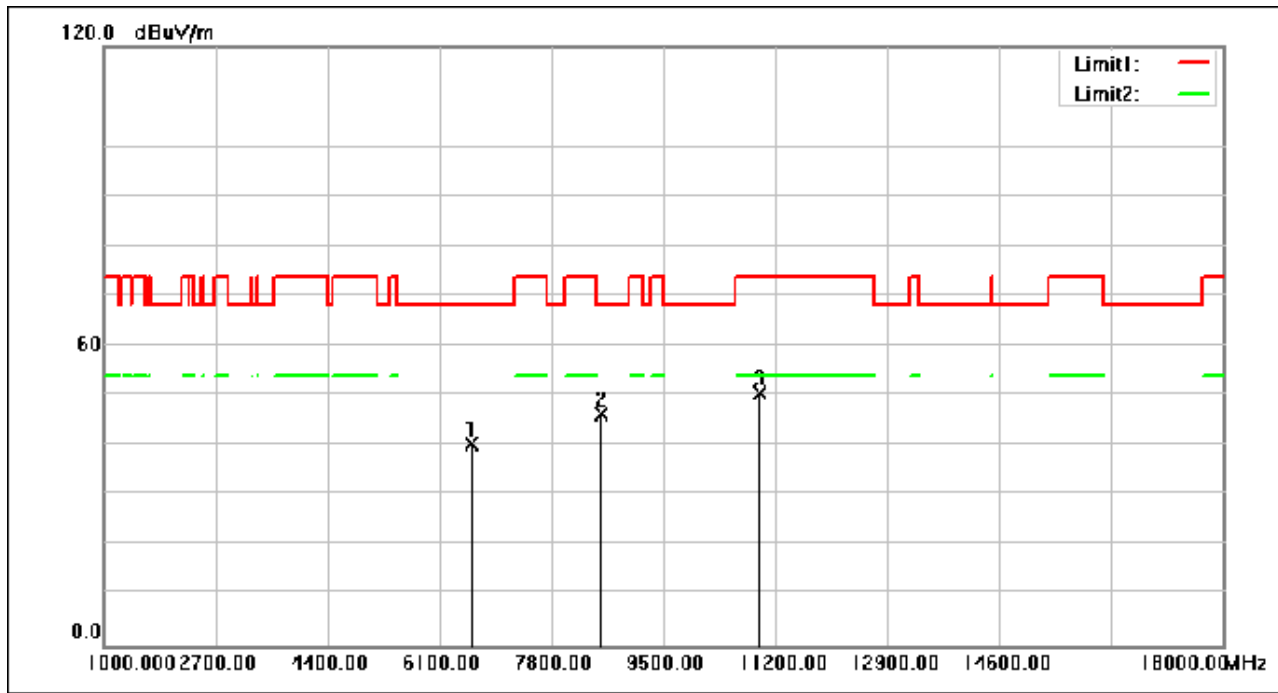
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6580.080	53.14	-12.80	40.34	68.30	-27.96	peak
2	8559.560	55.91	-9.65	46.26	68.30	-22.04	peak
3	10975.600	57.22	-6.78	50.44	74.00	-23.56	peak

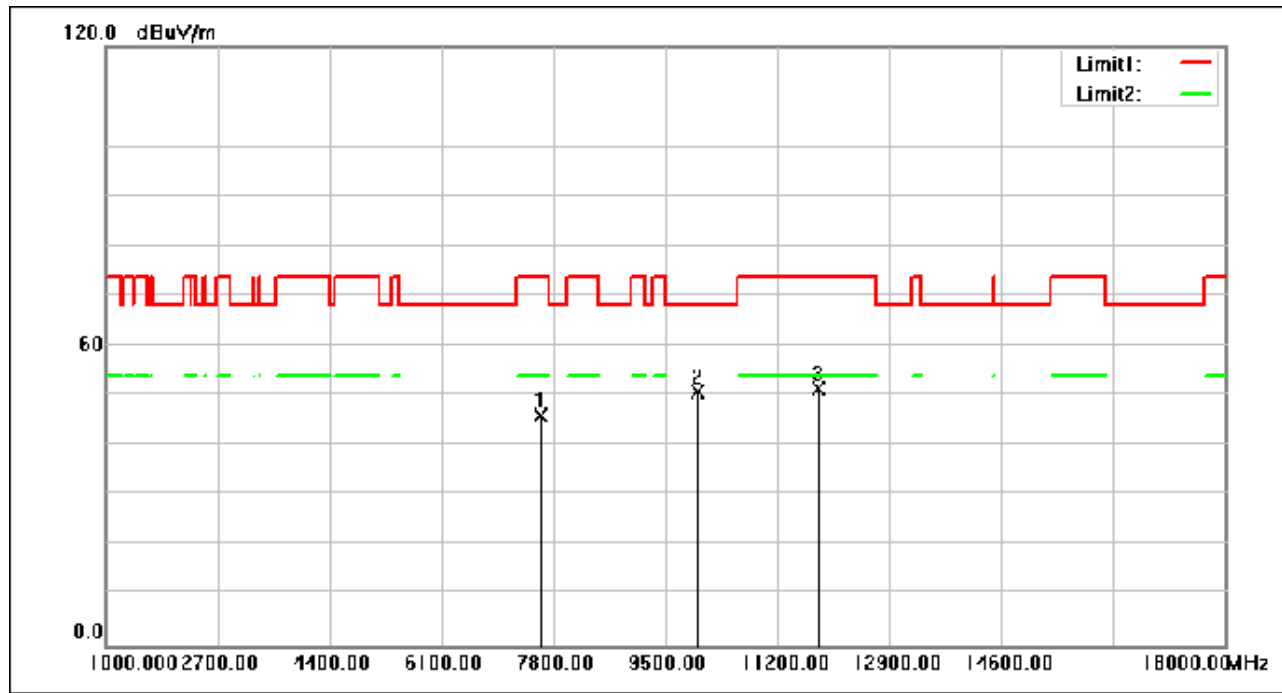
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7616.400	57.17	-11.10	46.07	74.00	-27.93	peak
2	9990.280	58.20	-7.33	50.87	68.30	-17.43	peak
3	11815.400	57.61	-6.10	51.51	74.00	-22.49	peak

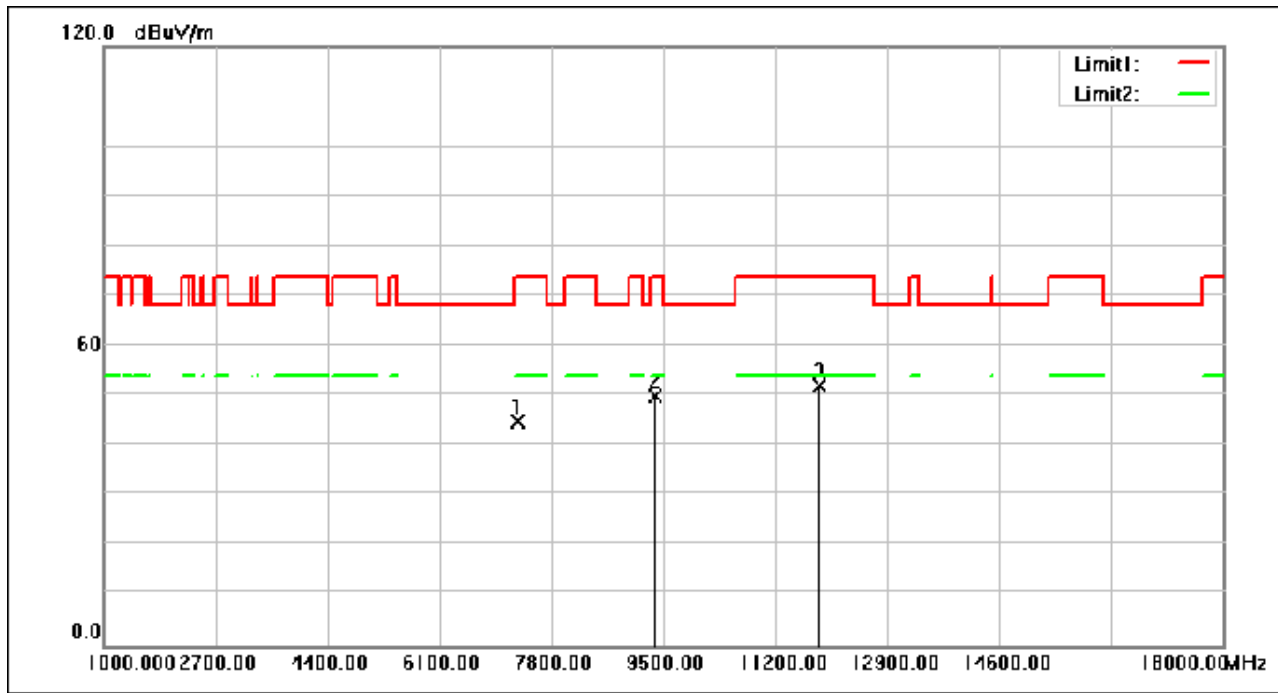
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7296.120	56.22	-11.44	44.78	74.00	-29.22	peak
2	9368.760	58.03	-8.21	49.82	74.00	-24.18	peak
3	11875.920	58.15	-6.05	52.10	74.00	-21.90	peak

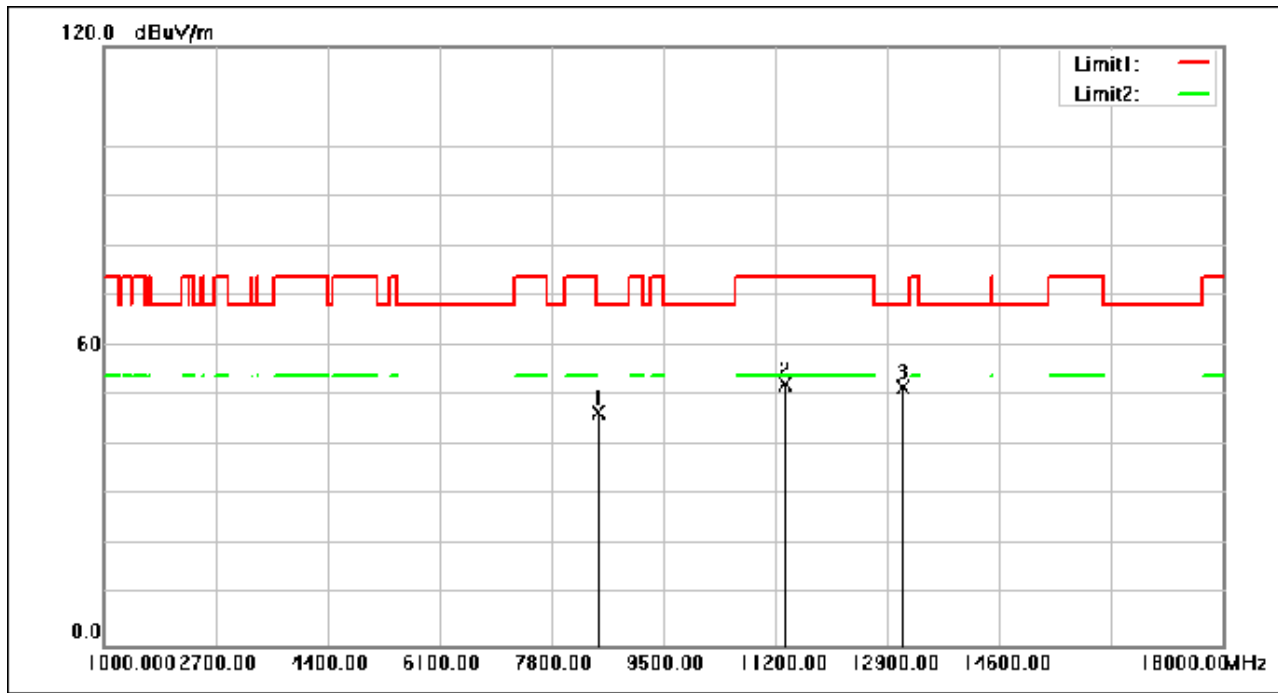
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8522.160	56.34	-9.71	46.63	68.30	-21.67	peak
2	11343.480	58.96	-6.49	52.47	74.00	-21.53	peak
3	13138.000	57.94	-6.27	51.67	68.30	-16.63	peak

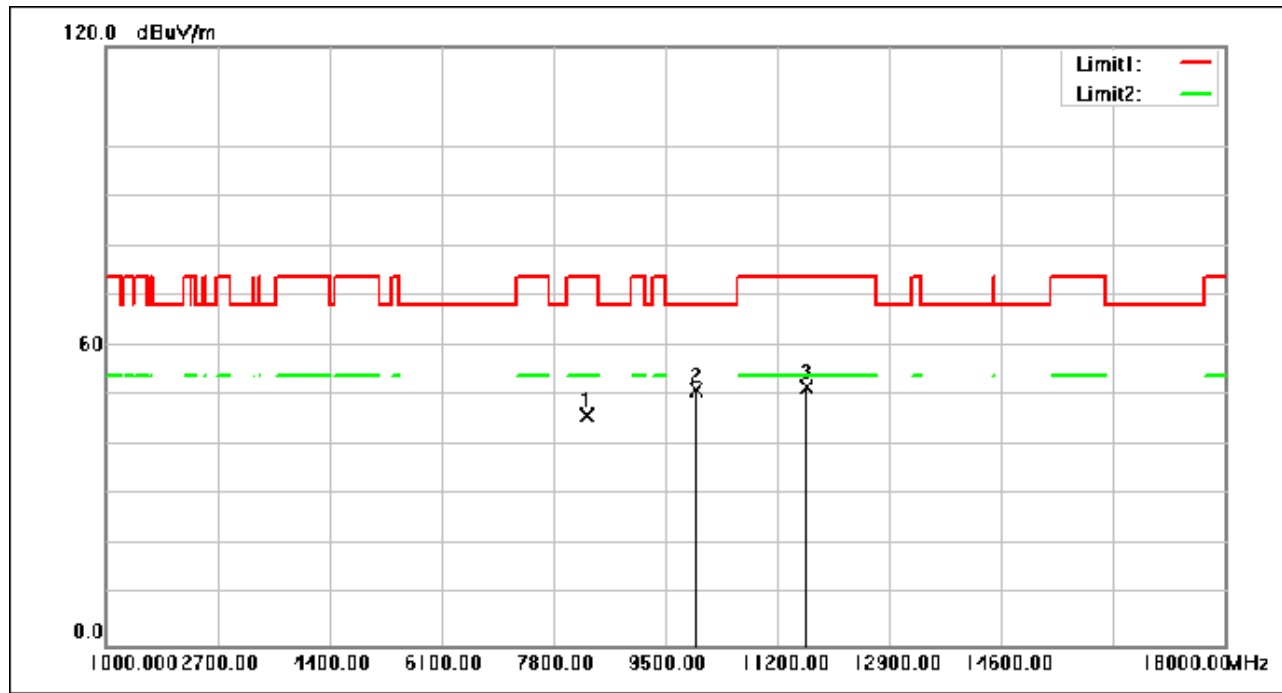
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8323.600	56.19	-10.04	46.15	74.00	-27.85	peak
2	9959.680	58.36	-7.32	51.04	68.30	-17.26	peak
3	11658.320	57.98	-6.23	51.75	74.00	-22.25	peak

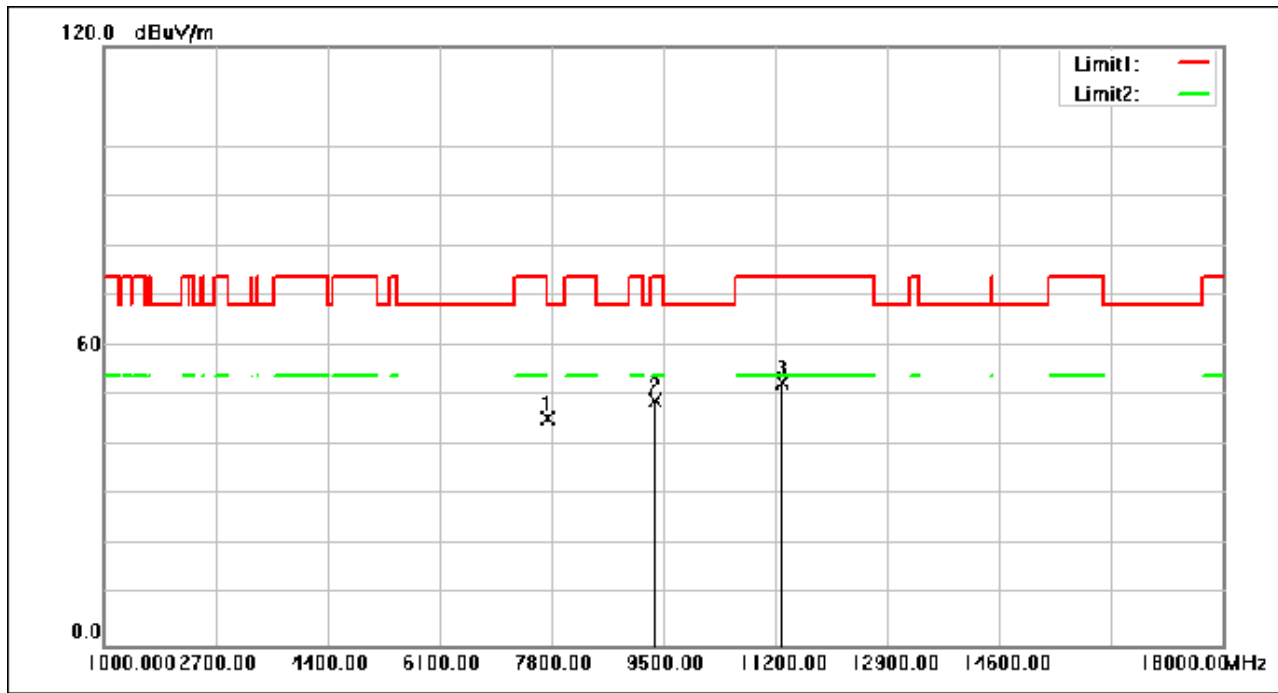
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7732.000	56.41	-10.96	45.45	74.00	-28.55	peak
2	9366.040	57.31	-8.21	49.10	74.00	-24.90	peak
3	11304.720	59.18	-6.52	52.66	74.00	-21.34	peak

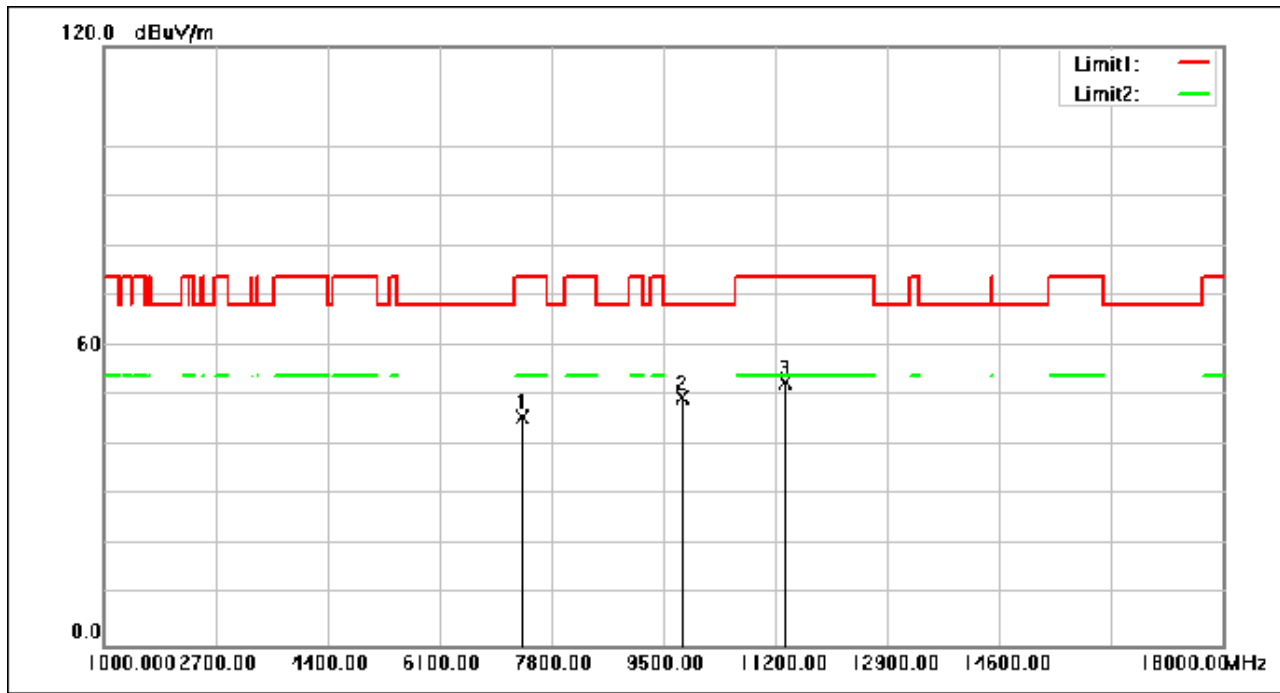
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7374.320	57.24	-11.40	45.84	74.00	-28.16	peak
2	9802.600	57.17	-7.38	49.79	68.30	-18.51	peak
3	11343.480	59.21	-6.49	52.72	74.00	-21.28	peak

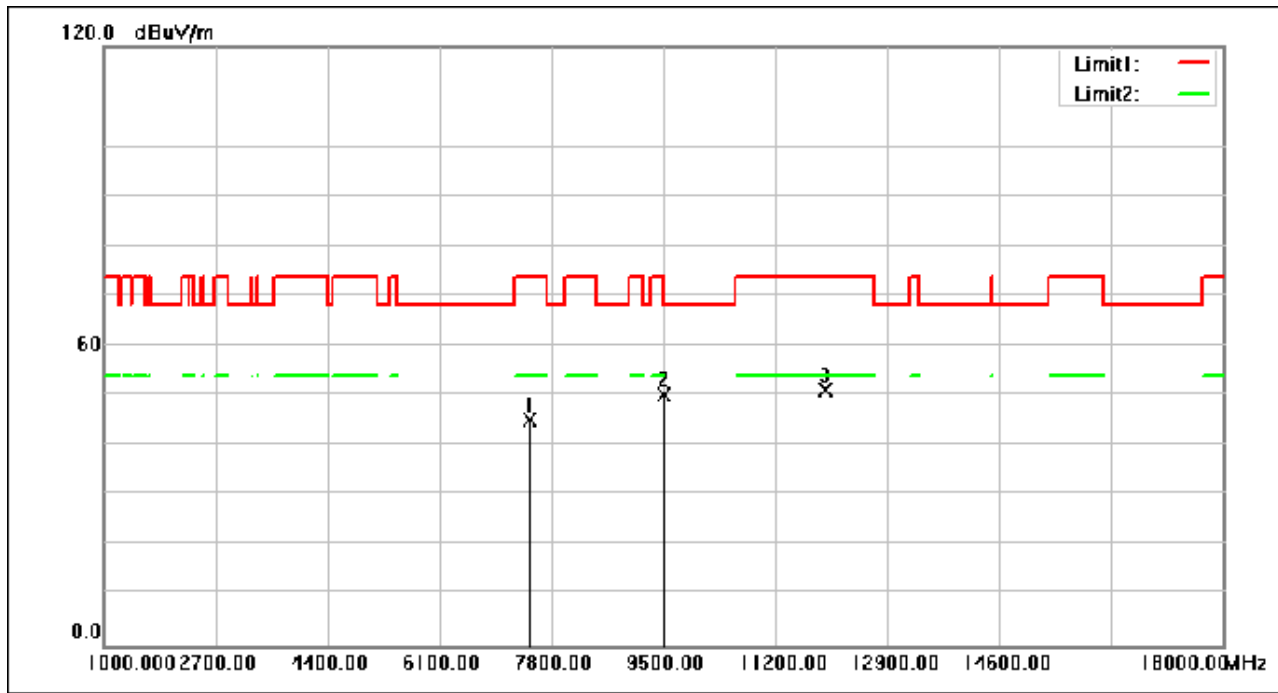
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7472.240	56.31	-11.29	45.02	74.00	-28.98	peak
2	9523.800	58.12	-7.91	50.21	68.30	-18.09	peak
3	11967.040	57.21	-5.94	51.27	74.00	-22.73	peak

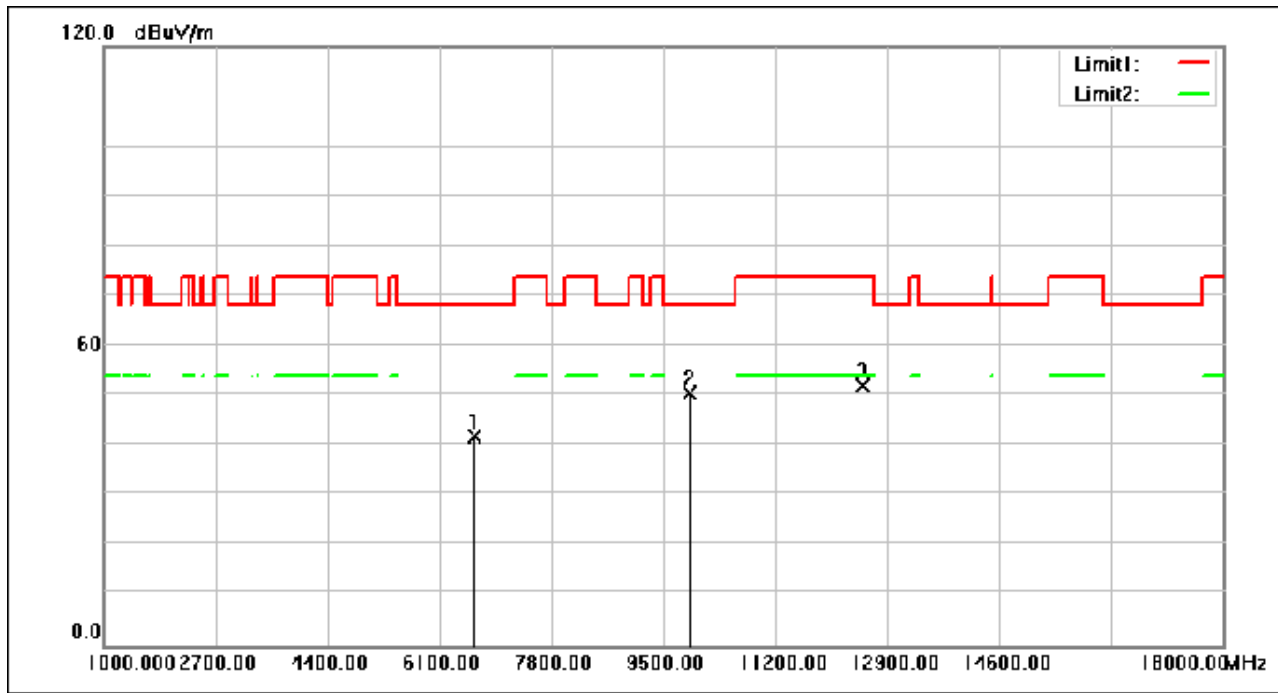
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6635.160	54.42	-12.52	41.90	68.30	-26.40	peak
2	9896.440	57.76	-7.31	50.45	68.30	-17.85	peak
3	12526.680	58.16	-6.13	52.03	74.00	-21.97	peak

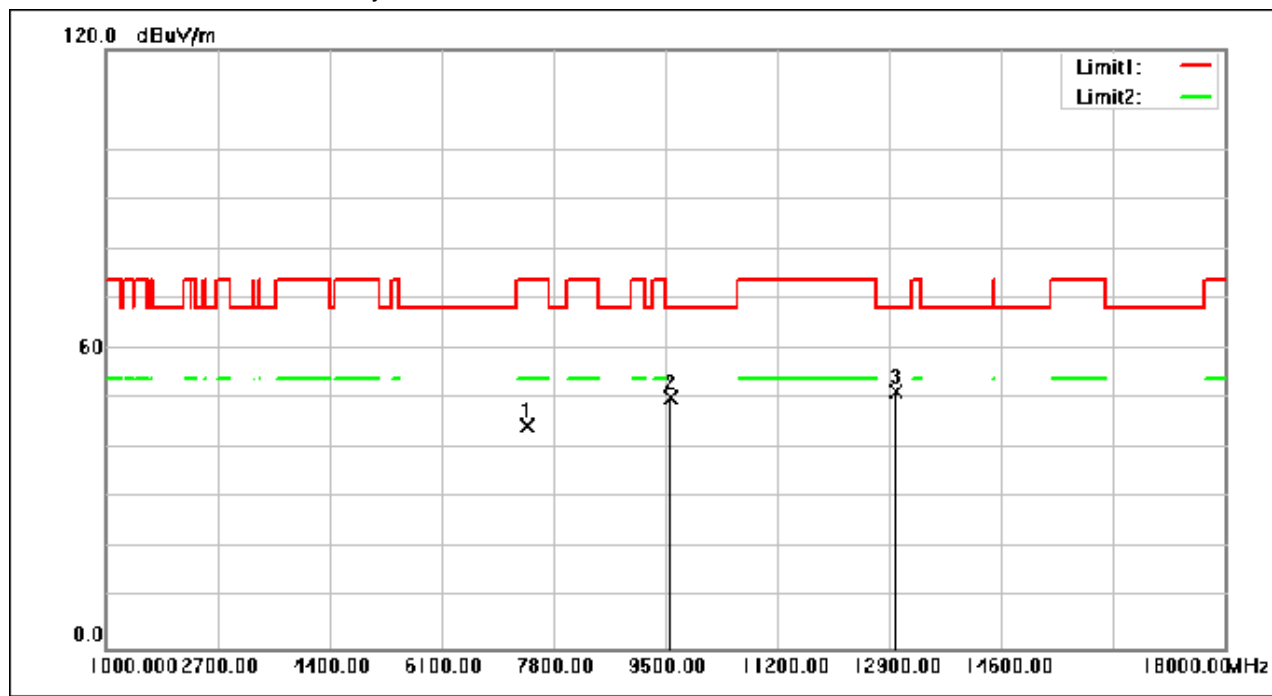
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7394.040	56.04	-11.39	44.65	74.00	-29.35	peak
2	9591.800	58.10	-7.78	50.32	68.30	-17.98	peak
3	13010.840	57.72	-6.33	51.39	68.30	-16.91	peak

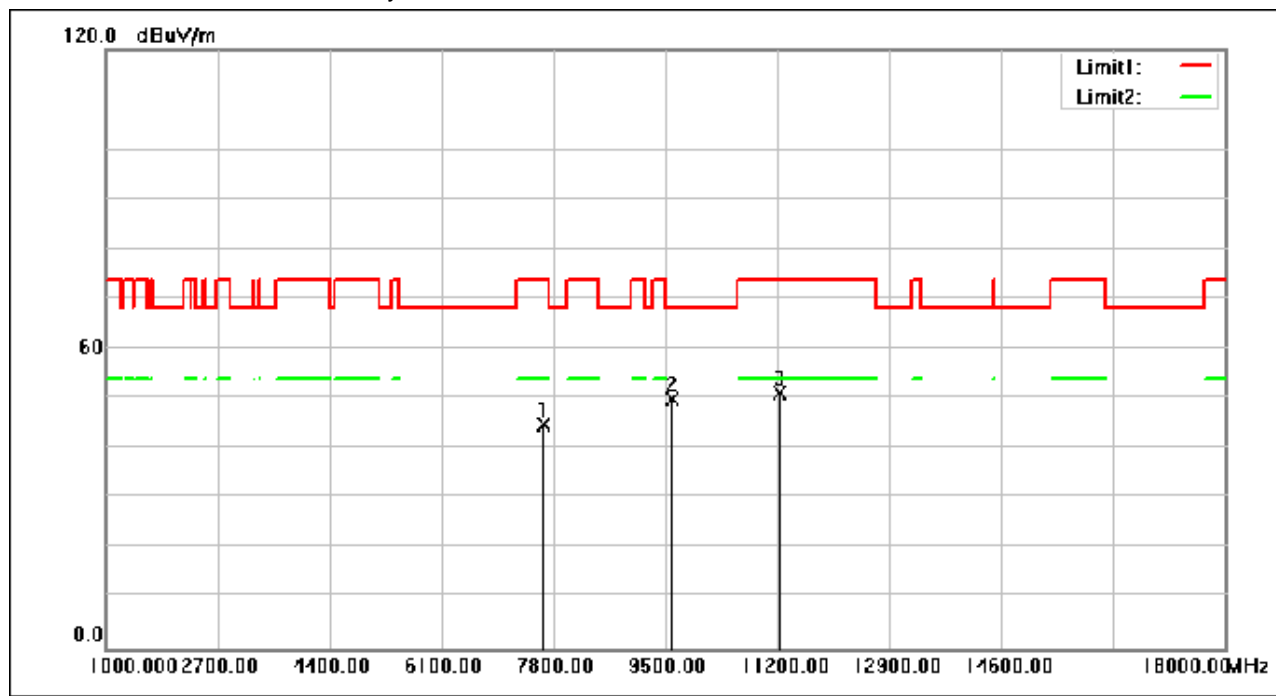
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Test Mode: 02; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7647.680	55.96	-11.07	44.89	74.00	-29.11	peak
2	9612.200	57.71	-7.74	49.97	68.30	-18.33	peak
3	11248.960	57.60	-6.56	51.04	74.00	-22.96	peak

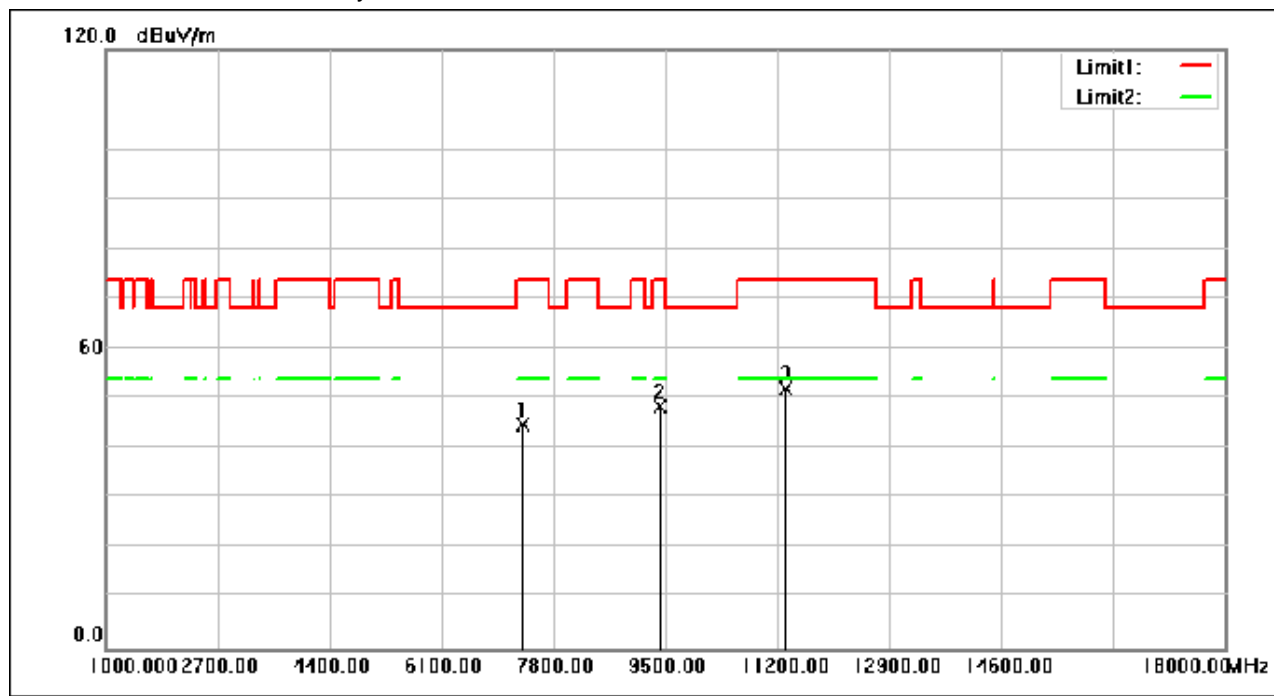
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7350.520	56.17	-11.41	44.76	74.00	-29.24	peak
2	9420.440	56.69	-8.10	48.59	74.00	-25.41	peak
3	11331.240	58.60	-6.50	52.10	74.00	-21.90	peak

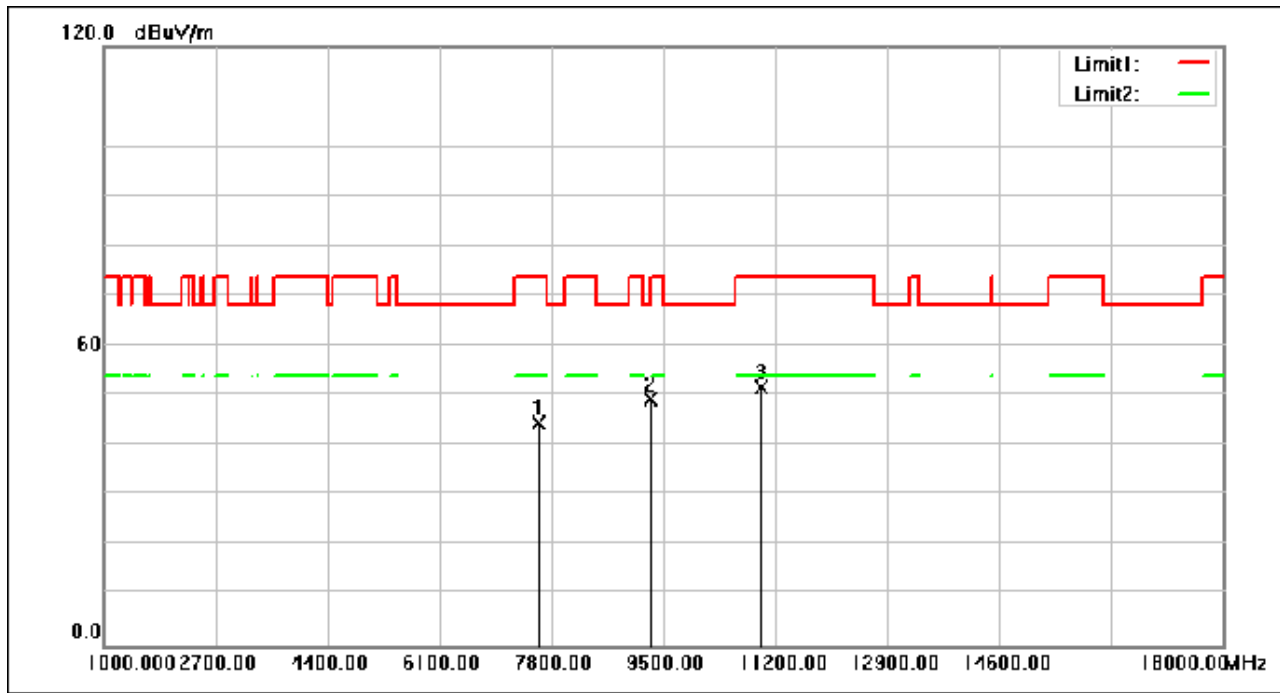
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7598.040	55.73	-11.13	44.60	74.00	-29.40	peak
2	9299.400	57.81	-8.33	49.48	68.30	-18.82	peak
3	10988.520	58.60	-6.77	51.83	74.00	-22.17	peak

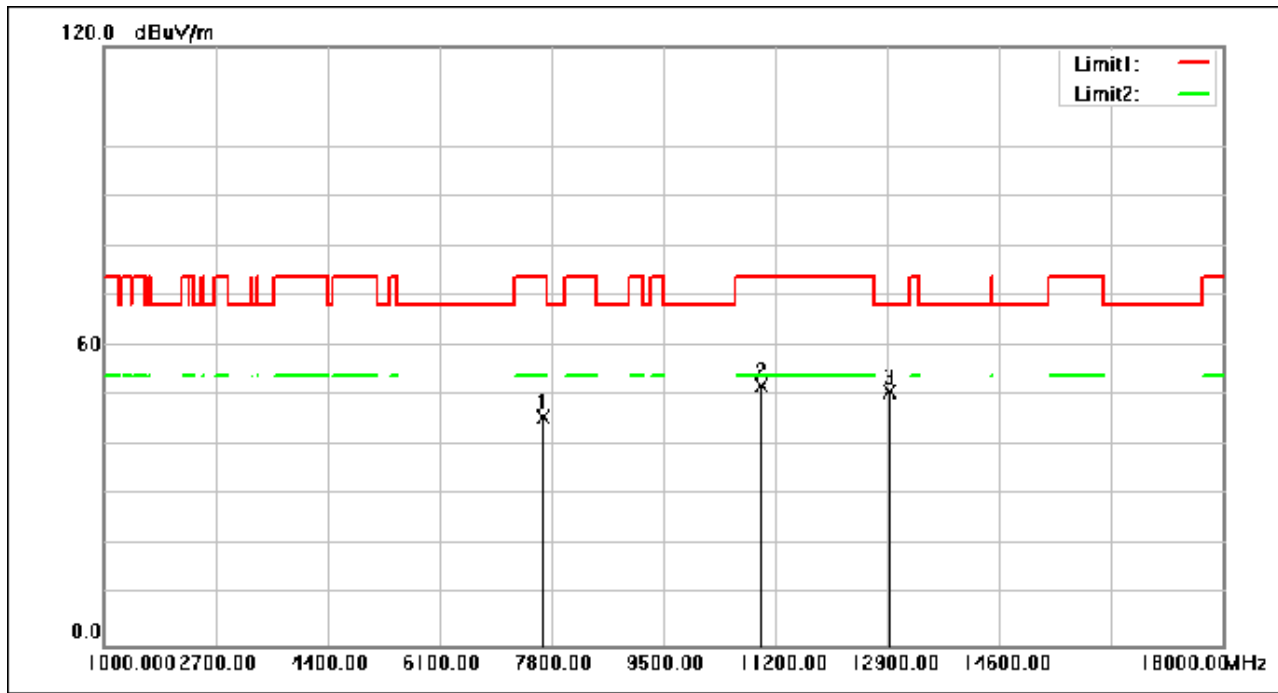
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7677.600	56.75	-11.03	45.72	74.00	-28.28	peak
2	10992.600	58.72	-6.77	51.95	74.00	-22.05	peak
3	12940.120	57.14	-6.31	50.83	68.30	-17.47	peak

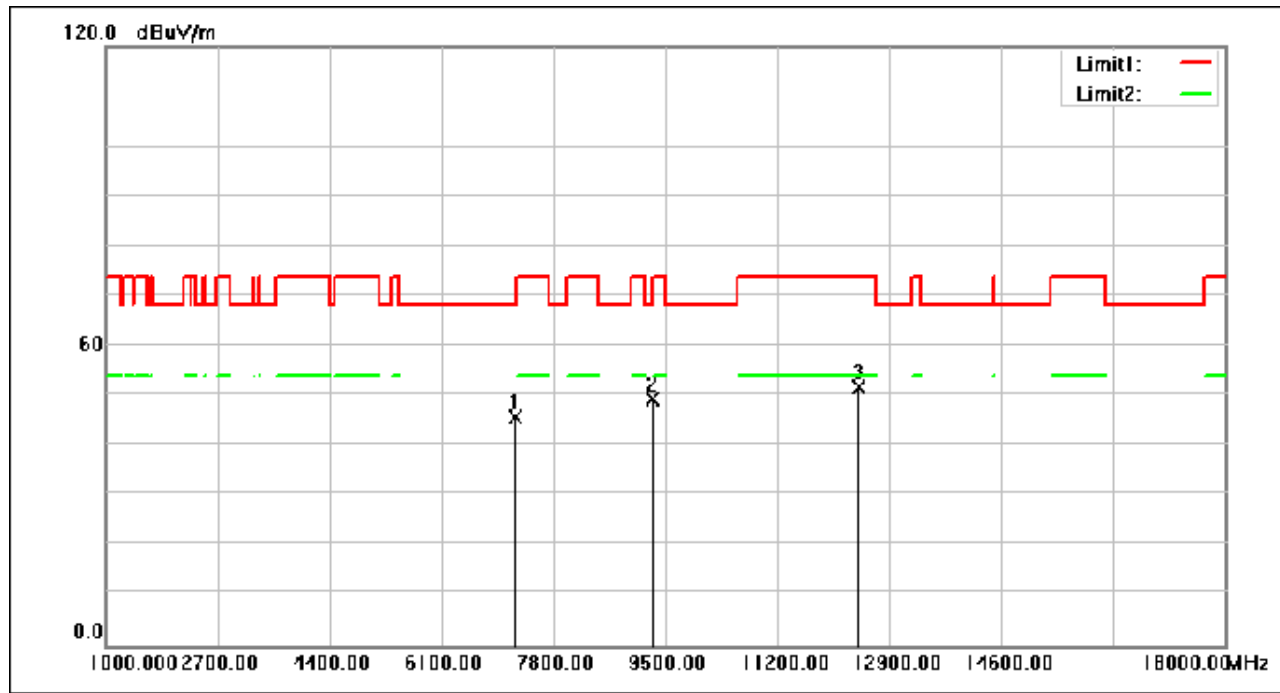
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7231.520	57.21	-11.47	45.74	68.30	-22.56	peak
2	9313.000	57.59	-8.31	49.28	74.00	-24.72	peak
3	12445.760	57.77	-6.09	51.68	74.00	-22.32	peak

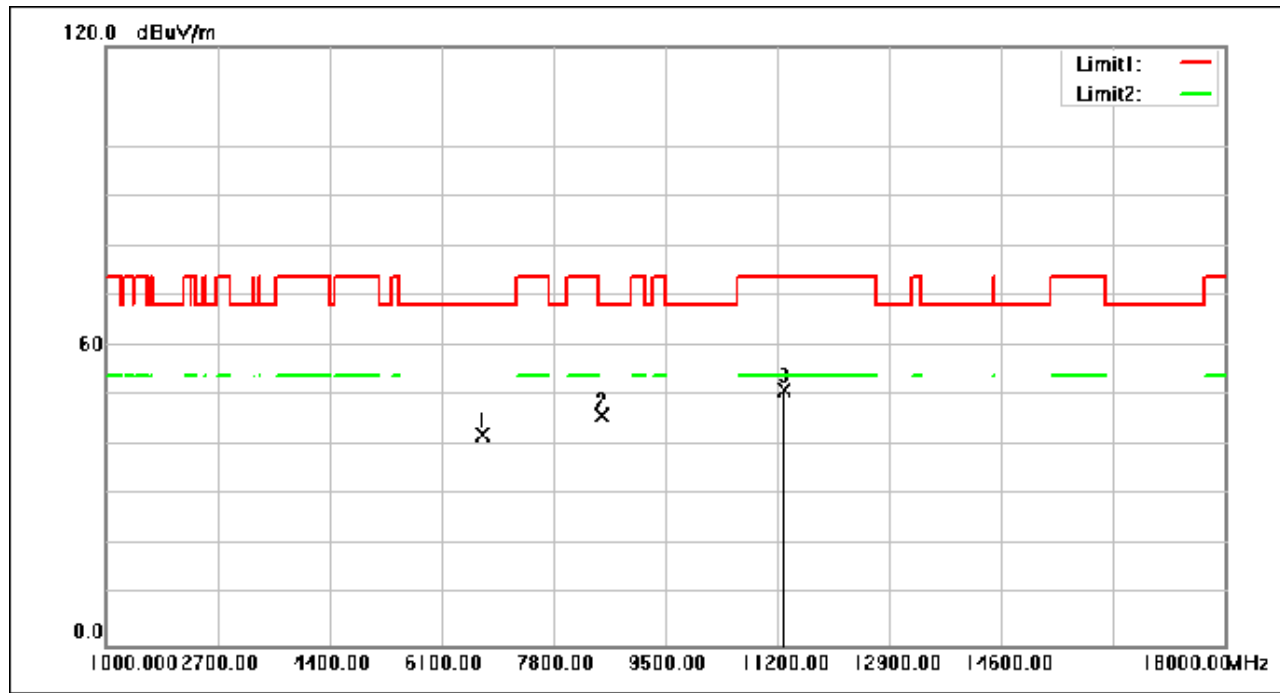
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6712.000	54.29	-12.12	42.17	68.30	-26.13	peak
2	8539.160	55.83	-9.69	46.14	68.30	-22.16	peak
3	11316.960	57.70	-6.50	51.20	74.00	-22.80	peak

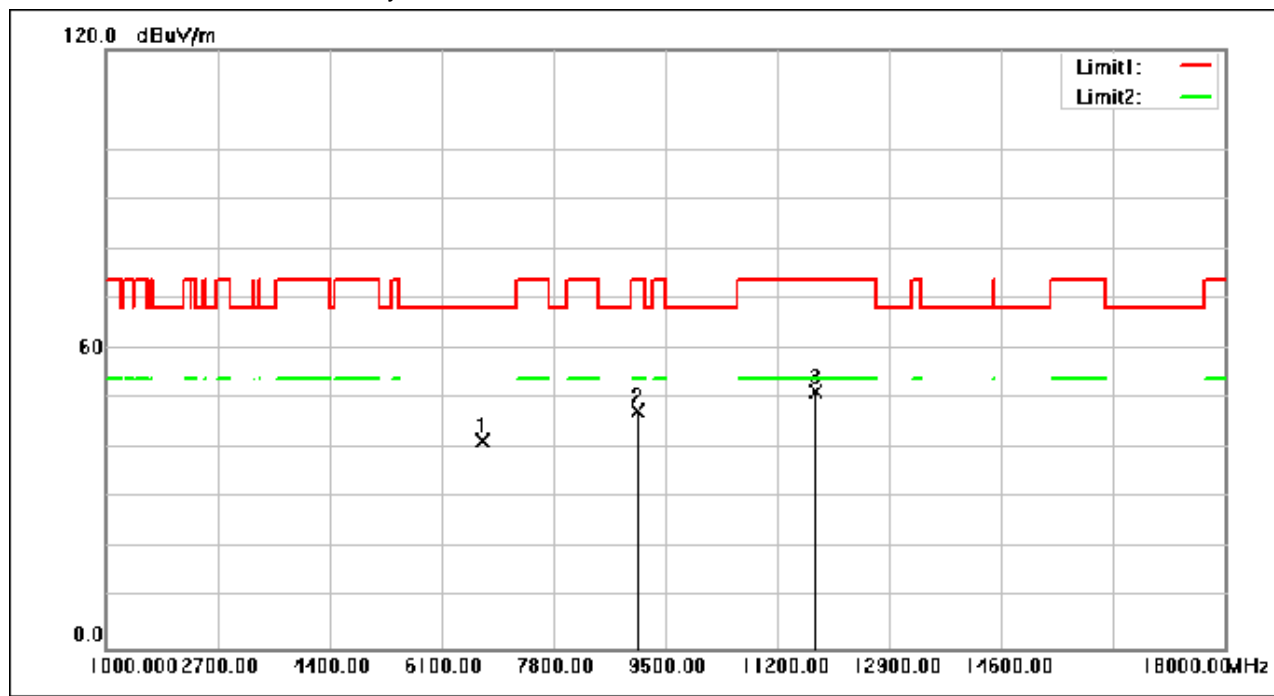
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6733.080	53.68	-12.03	41.65	68.30	-26.65	peak
2	9075.680	56.39	-8.76	47.63	74.00	-26.37	peak
3	11786.840	57.50	-6.12	51.38	74.00	-22.62	peak

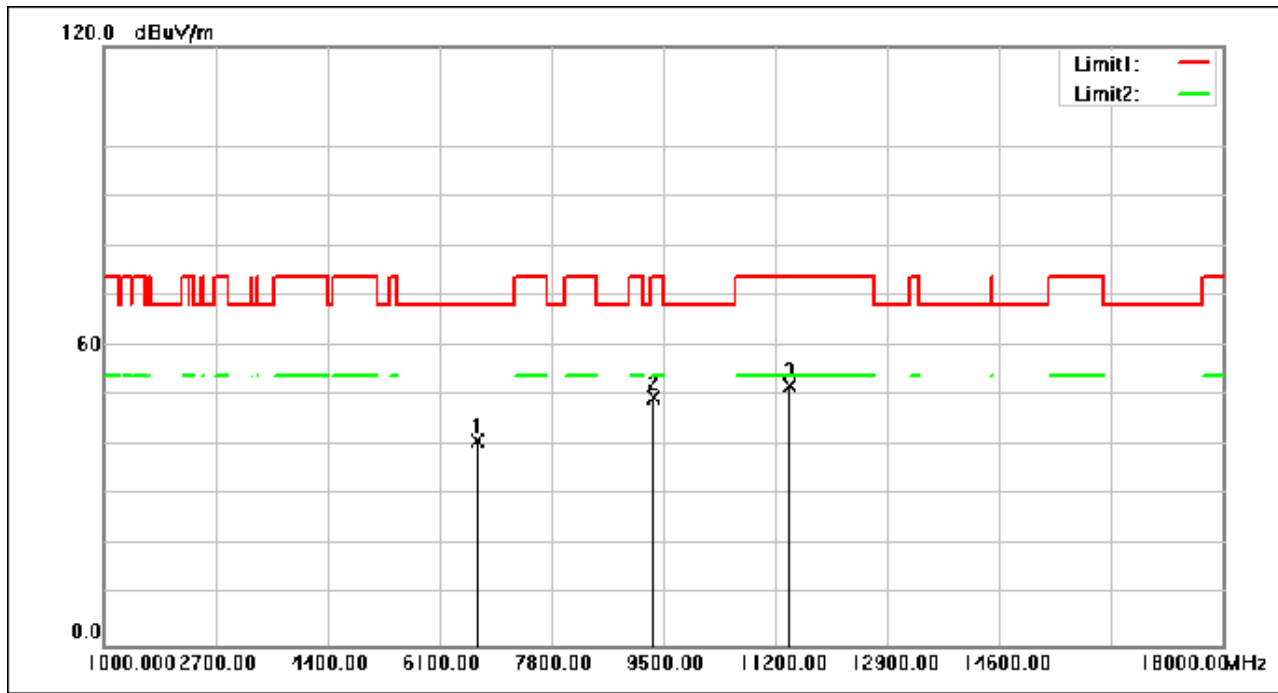
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6682.760	53.14	-12.27	40.87	68.30	-27.43	peak
2	9357.880	57.96	-8.23	49.73	74.00	-24.27	peak
3	11416.920	58.34	-6.42	51.92	74.00	-22.08	peak

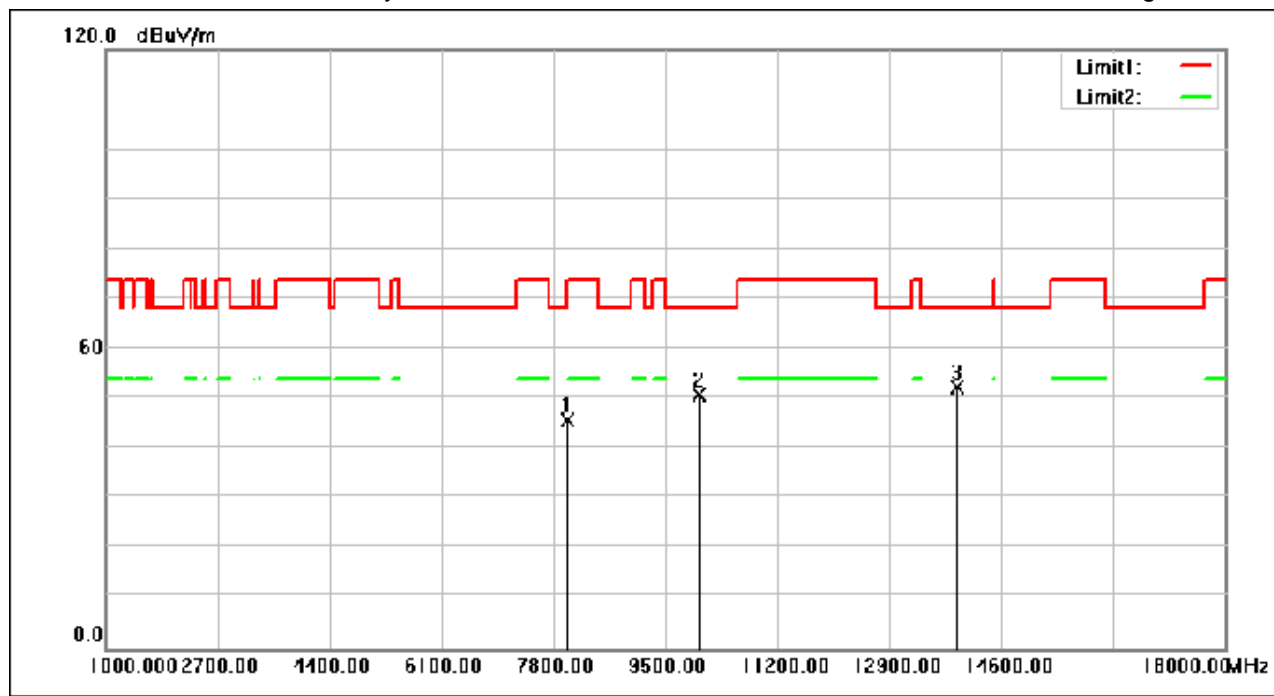
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8012.160	56.26	-10.58	45.68	68.30	-22.62	peak
2	10015.440	58.16	-7.32	50.84	68.30	-17.46	peak
3	13928.160	58.76	-6.41	52.35	68.30	-15.95	peak

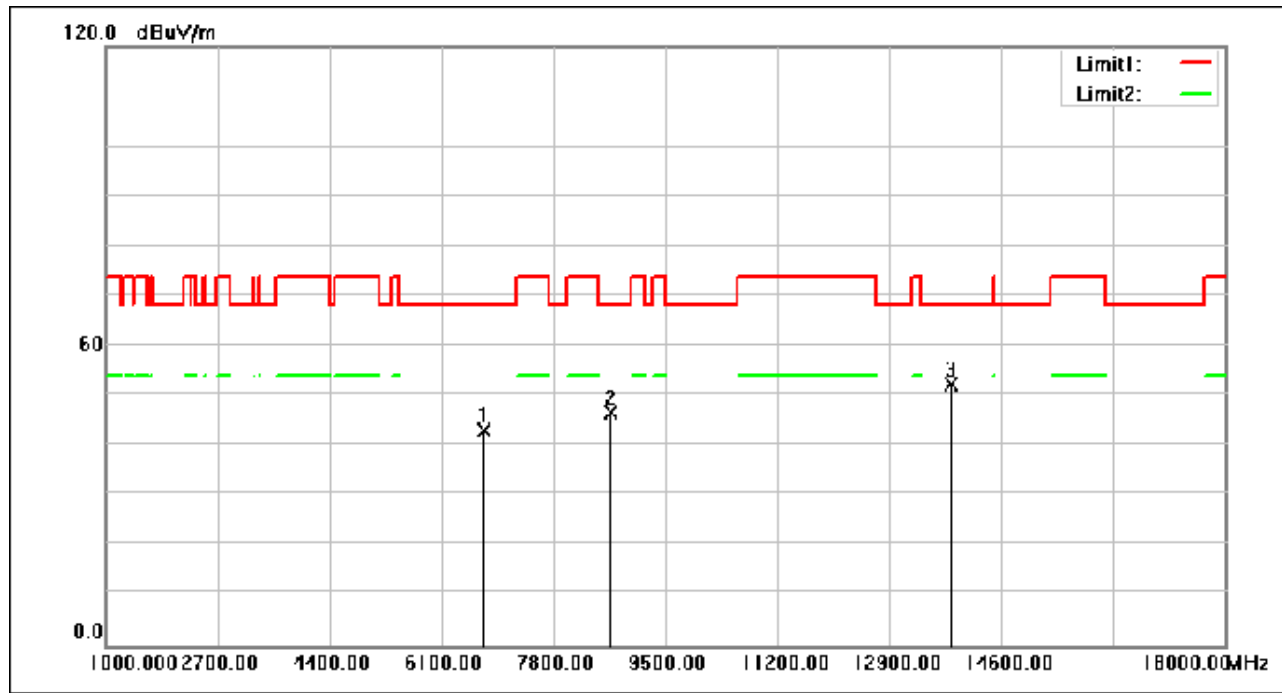
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6757.560	55.01	-11.99	43.02	68.30	-25.28	peak
2	8680.600	56.10	-9.46	46.64	68.30	-21.66	peak
3	13847.920	58.63	-6.40	52.23	68.30	-16.07	peak

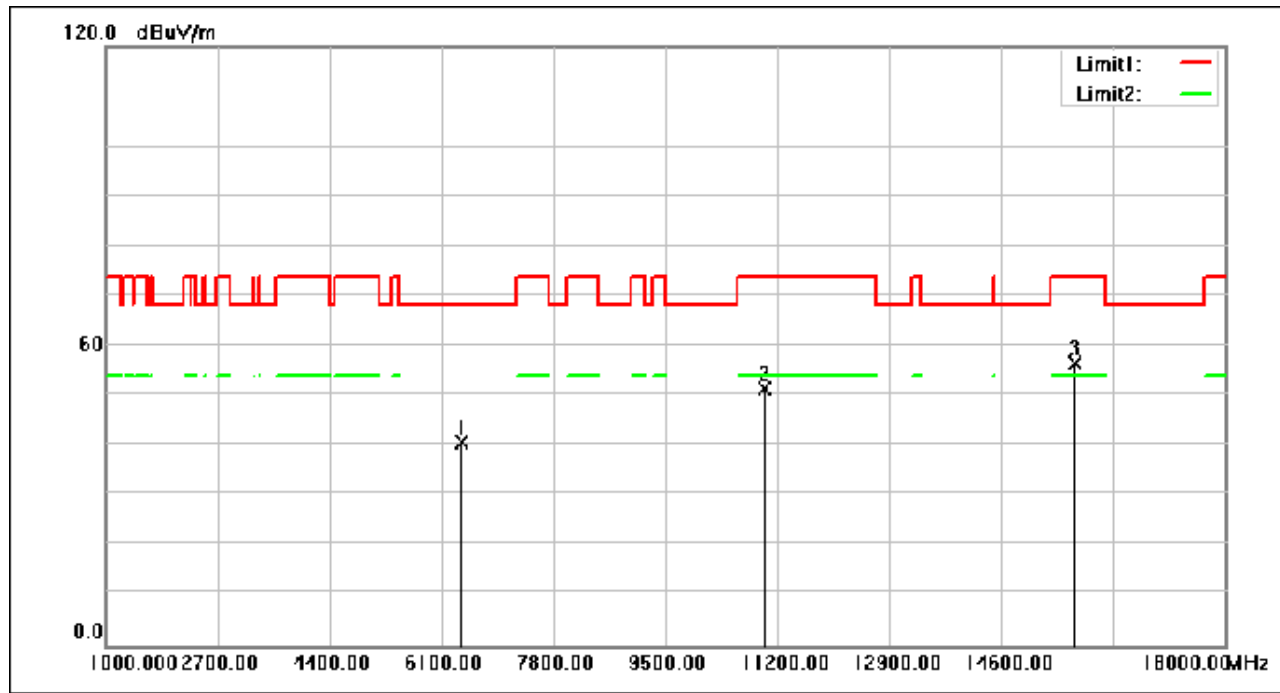
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6418.920	54.23	-13.65	40.58	68.30	-27.72	peak
2	11006.880	58.35	-6.75	51.60	74.00	-22.40	peak
3	15732.880	60.98	-4.44	56.54	74.00	-17.46	peak

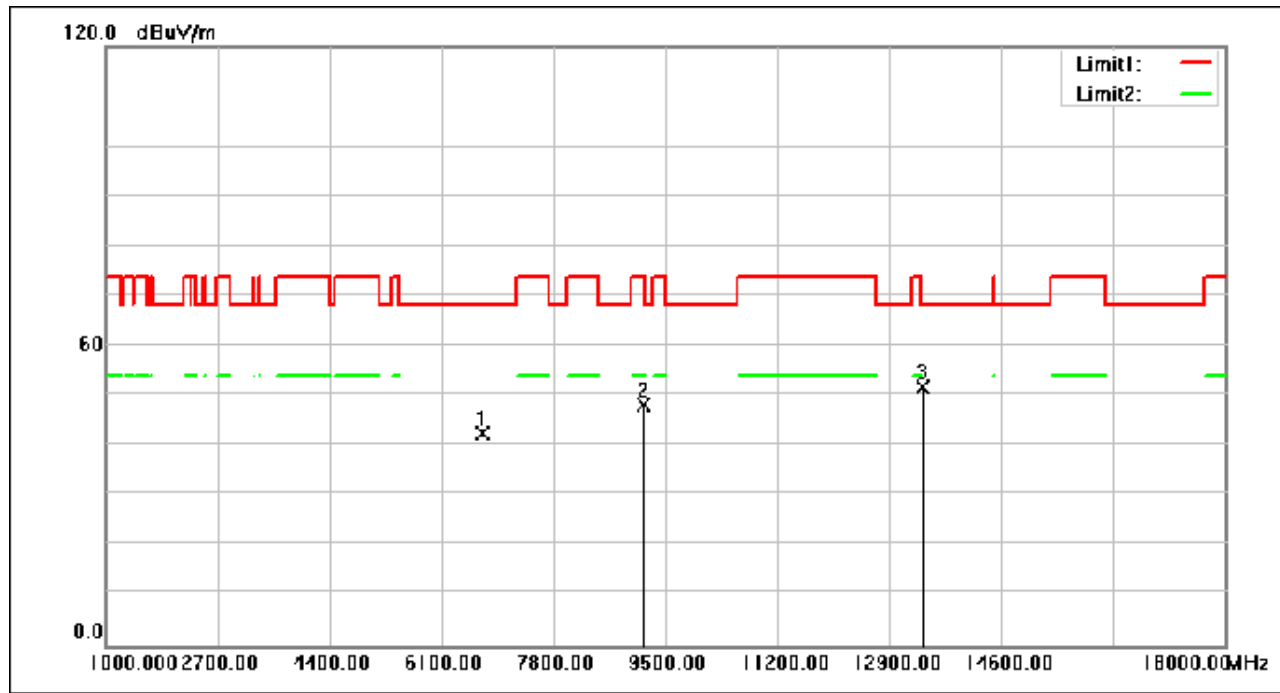
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Test Mode: 02; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6727.640	54.41	-12.04	42.37	68.30	-25.93	peak
2	9177.000	56.58	-8.57	48.01	74.00	-25.99	peak
3	13425.640	58.10	-6.33	51.77	68.30	-16.53	peak

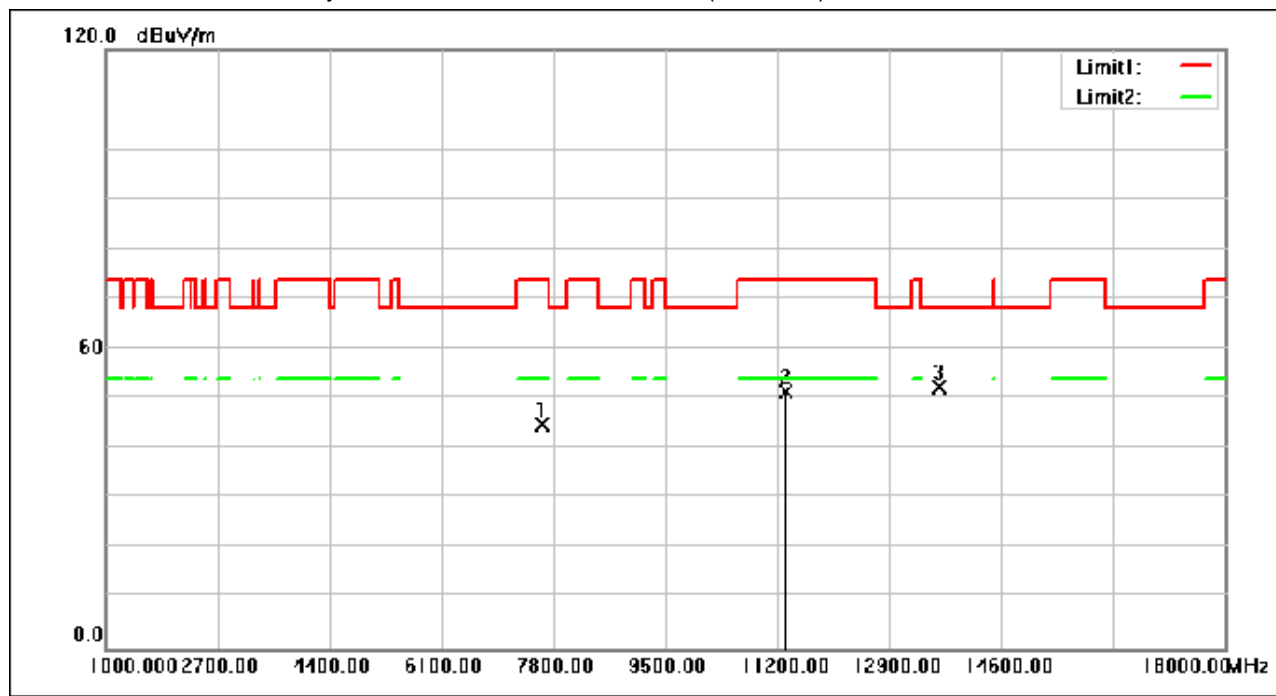
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7646.320	56.00	-11.07	44.93	74.00	-29.07	peak
2	11329.200	57.99	-6.50	51.49	74.00	-22.51	peak
3	13671.120	58.60	-6.37	52.23	68.30	-16.07	peak

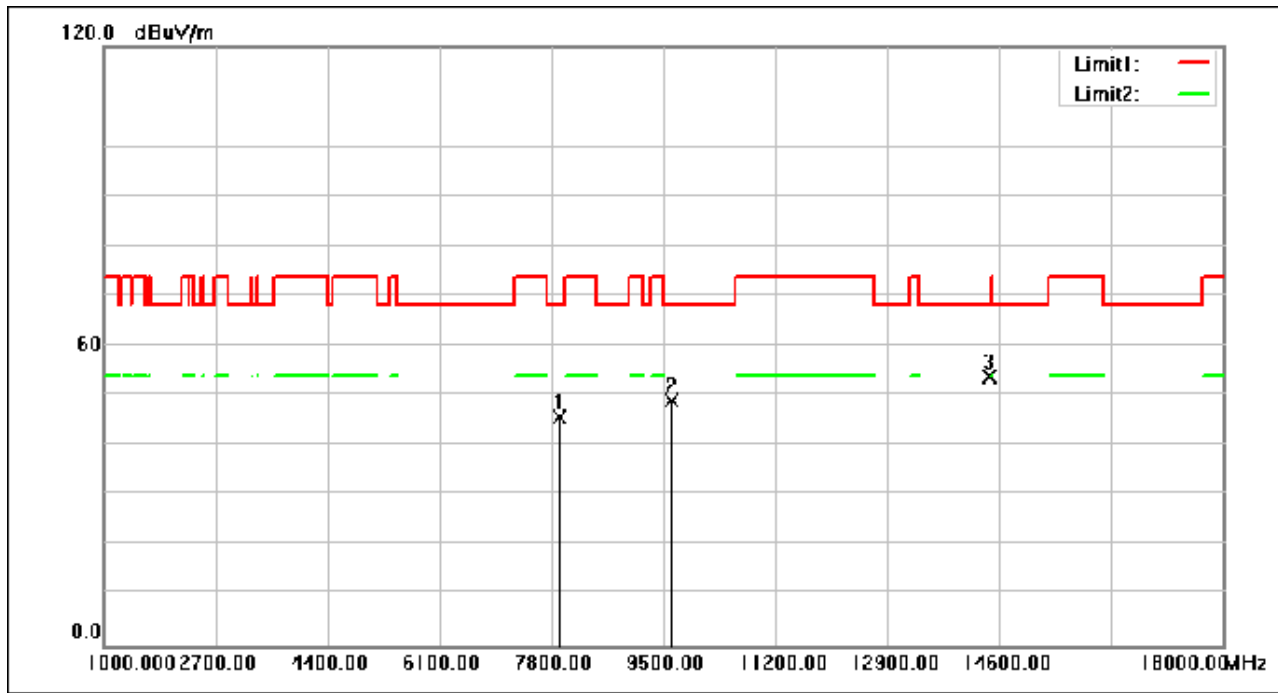
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7927.840	56.49	-10.70	45.79	68.30	-22.51	peak
2	9632.600	56.85	-7.70	49.15	68.30	-19.15	peak
3	14453.800	59.80	-6.03	53.77	68.30	-14.53	peak

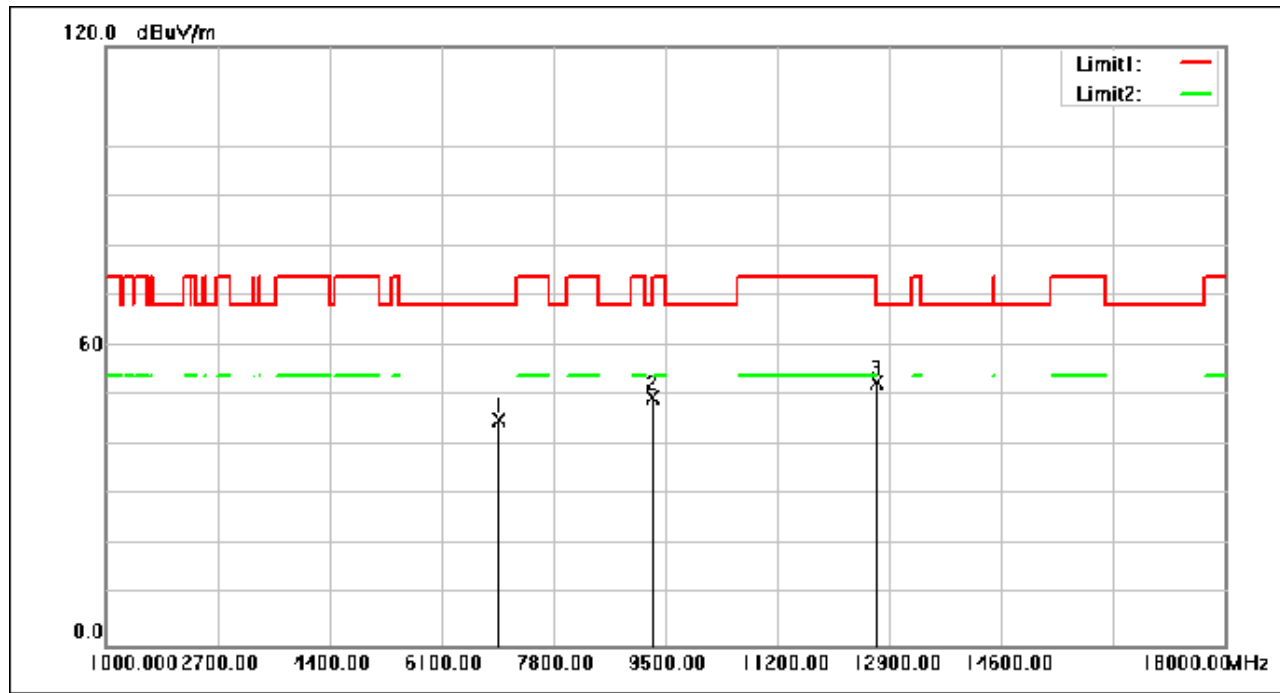
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6972.440	56.81	-11.61	45.20	68.30	-23.10	peak
2	9311.640	57.92	-8.31	49.61	74.00	-24.39	peak
3	12722.520	59.00	-6.21	52.79	68.30	-15.51	peak

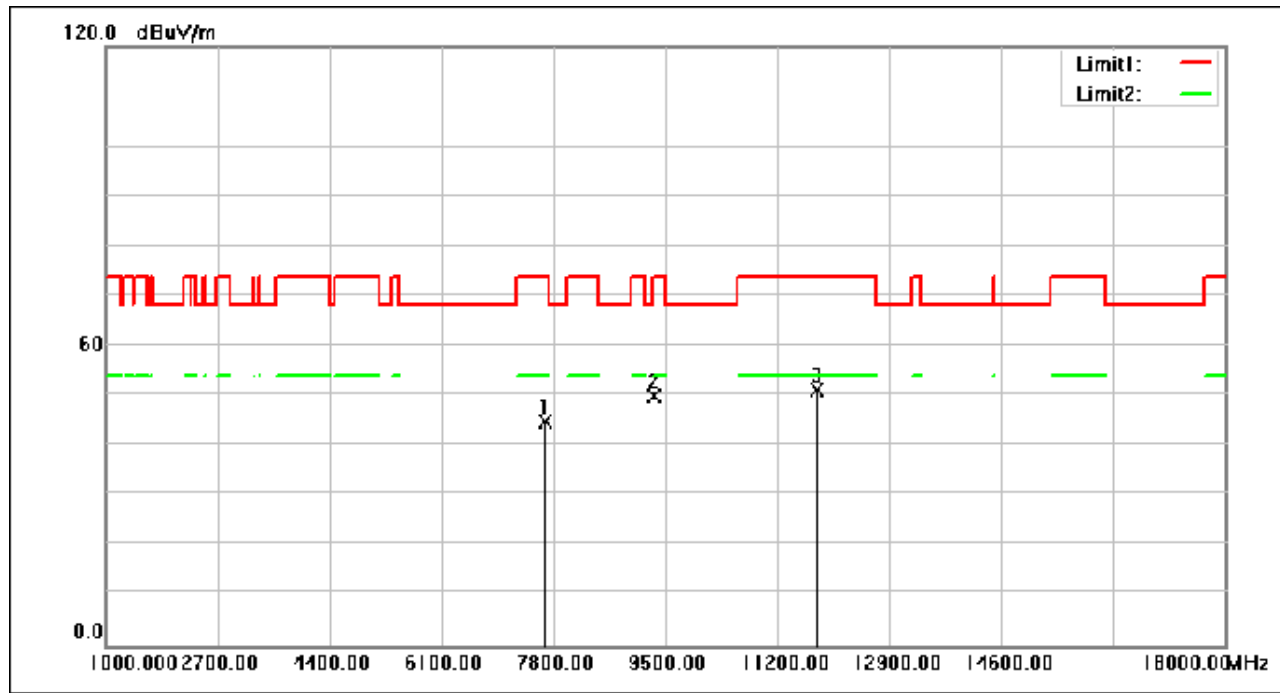
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7685.760	55.94	-11.02	44.92	74.00	-29.08	peak
2	9343.600	58.29	-8.25	50.04	74.00	-23.96	peak
3	11806.560	57.27	-6.11	51.16	74.00	-22.84	peak

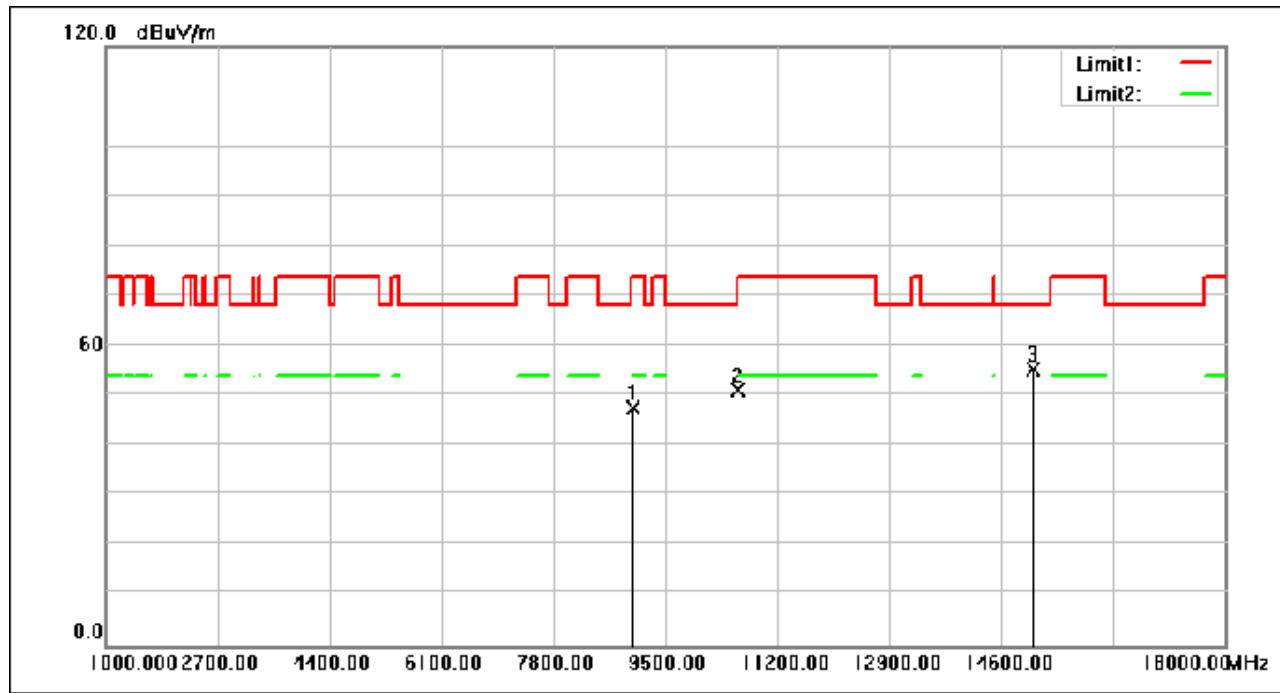
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9019.920	56.43	-8.86	47.57	74.00	-26.43	peak
2	10619.280	58.03	-6.97	51.06	74.00	-22.94	peak
3	15083.480	60.45	-5.02	55.43	68.30	-12.87	peak

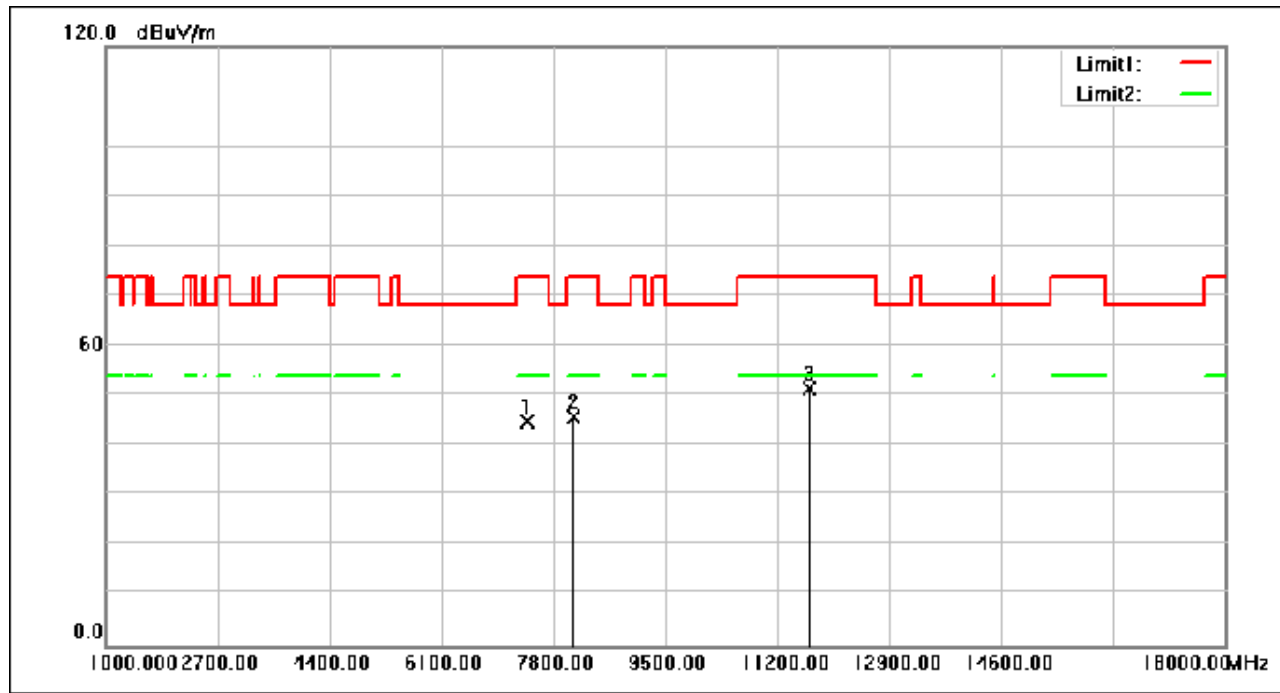
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Test Mode: 02; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7425.320	56.21	-11.36	44.85	74.00	-29.15	peak
2	8120.280	56.11	-10.38	45.73	74.00	-28.27	peak
3	11690.280	57.71	-6.21	51.50	74.00	-22.50	peak

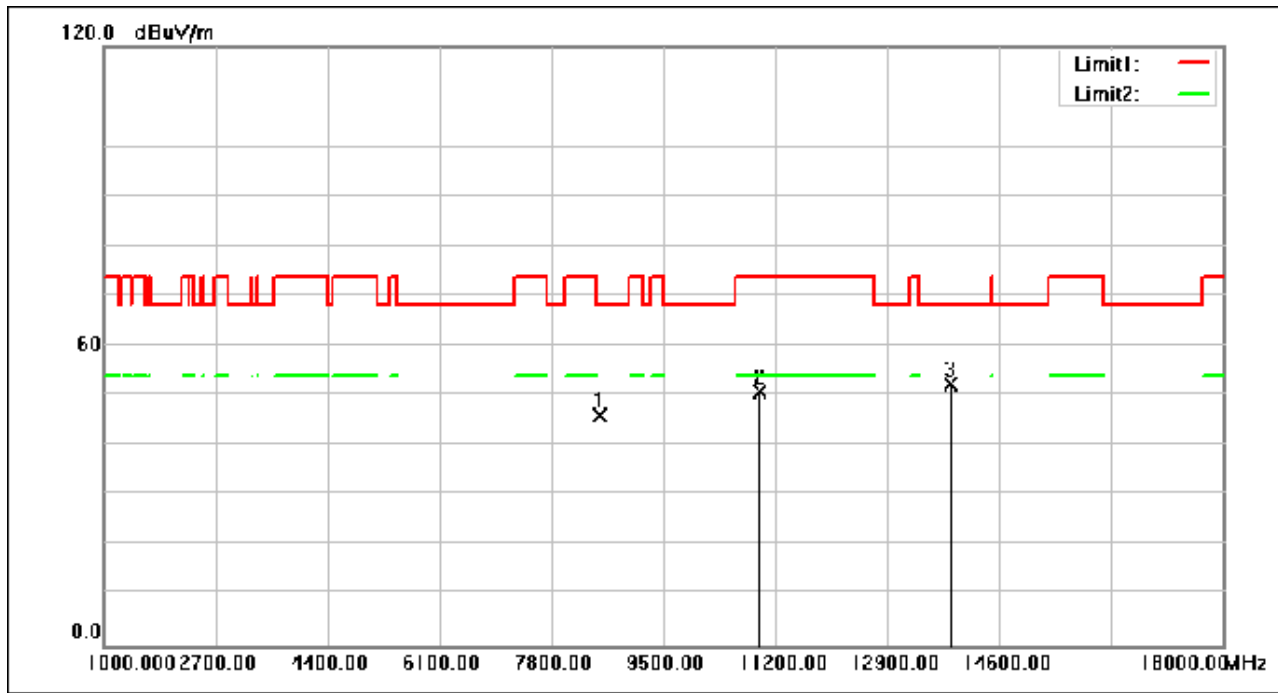
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Test Mode: 02; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8537.120	55.63	-9.69	45.94	68.30	-22.36	peak
2	10977.640	57.71	-6.78	50.93	74.00	-23.07	peak
3	13875.120	58.64	-6.40	52.24	68.30	-16.06	peak

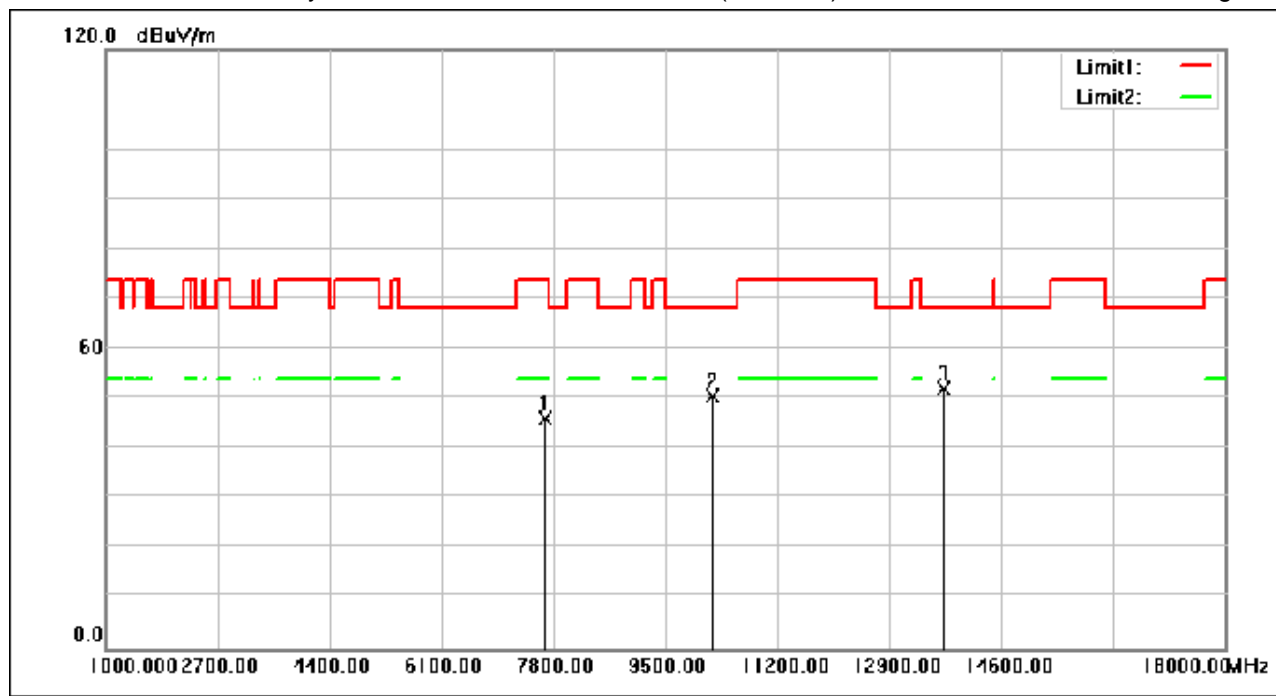
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7667.400	56.95	-11.04	45.91	74.00	-28.09	peak
2	10226.240	57.70	-7.20	50.50	68.30	-17.80	peak
3	13718.720	58.53	-6.38	52.15	68.30	-16.15	peak

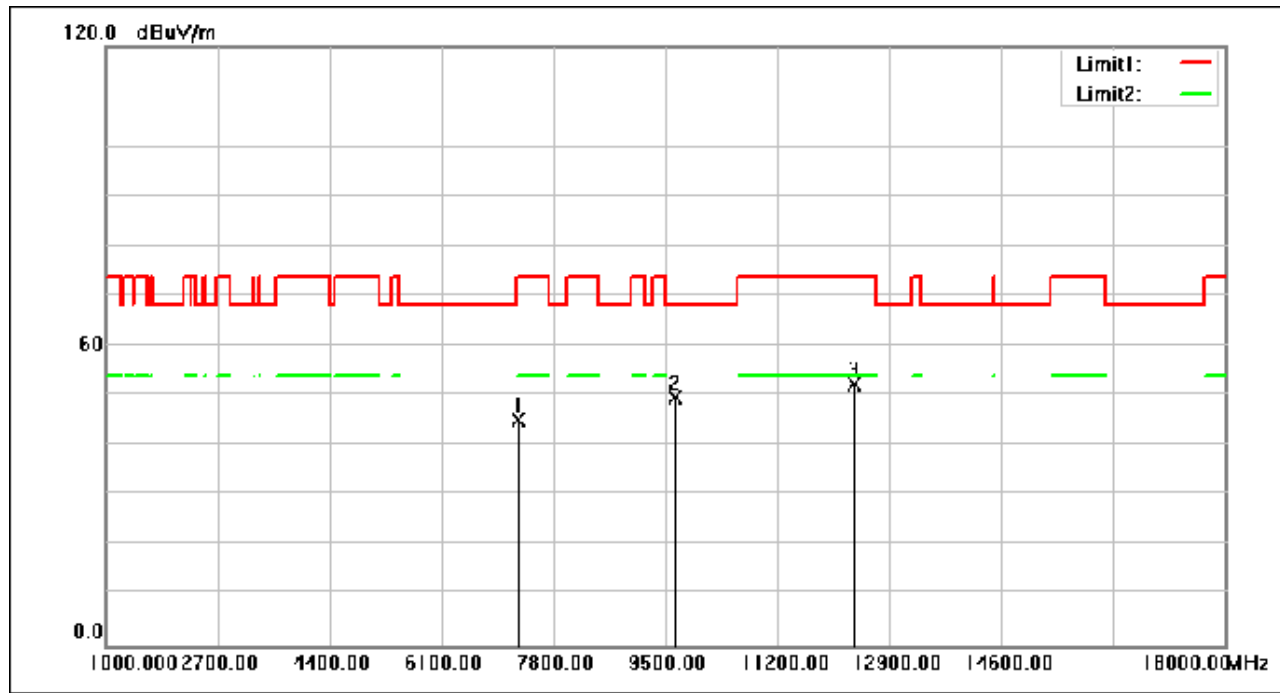
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7265.520	56.58	-11.45	45.13	74.00	-28.87	peak
2	9663.880	57.27	-7.65	49.62	68.30	-18.68	peak
3	12368.920	58.48	-6.06	52.42	74.00	-21.58	peak

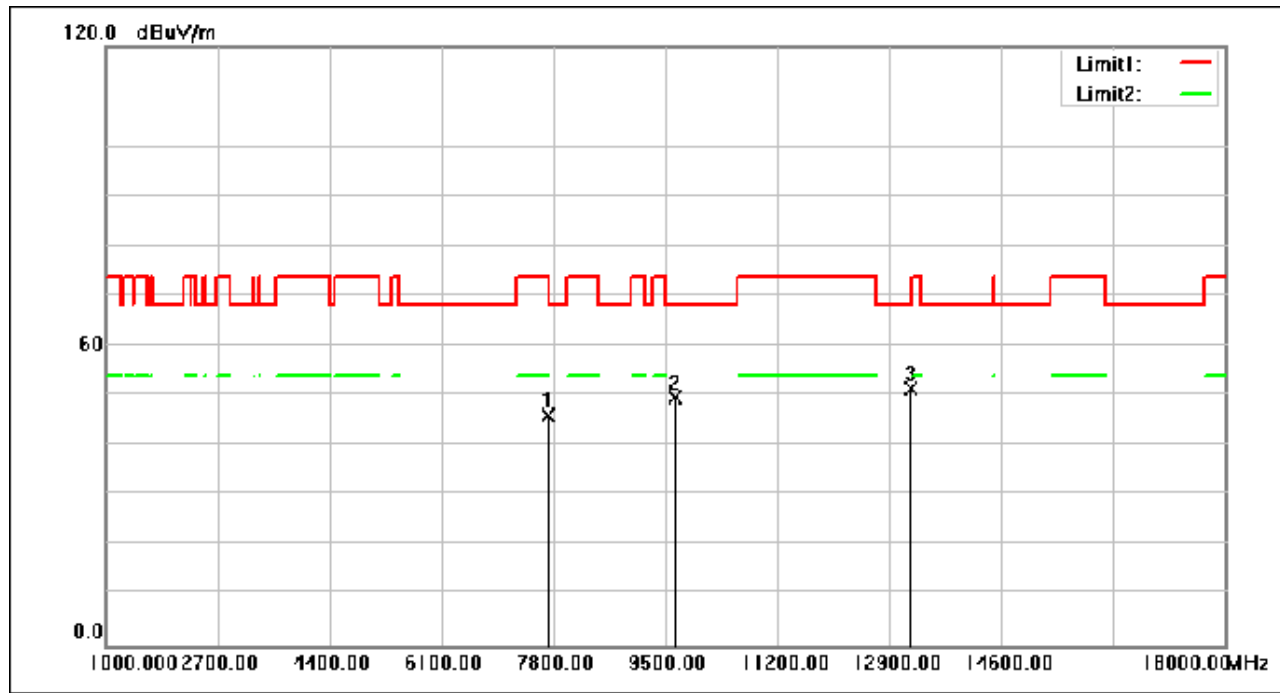
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Test Mode: 02; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7725.880	56.89	-10.97	45.92	74.00	-28.08	peak
2	9663.880	57.27	-7.65	49.62	68.30	-18.68	peak
3	13239.320	57.81	-6.29	51.52	68.30	-16.78	peak

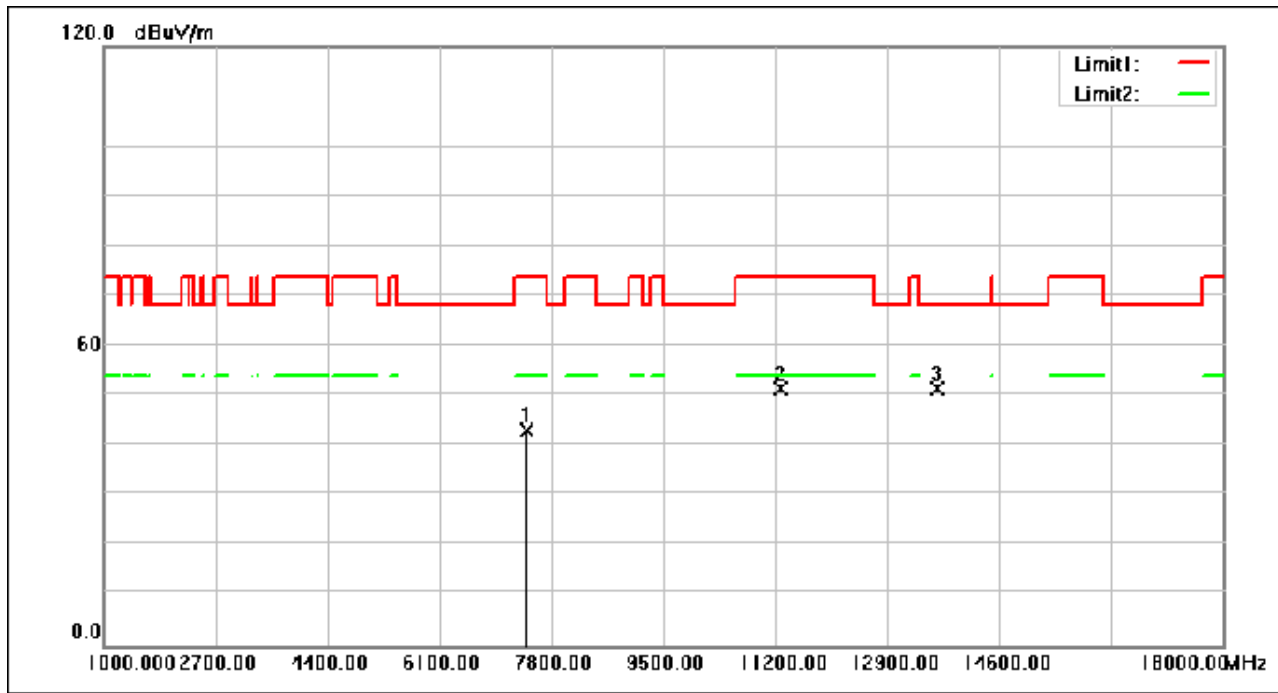
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7434.840	54.30	-11.35	42.95	74.00	-31.05	peak
2	11299.280	57.94	-6.52	51.42	74.00	-22.58	peak
3	13669.080	57.88	-6.37	51.51	68.30	-16.79	peak

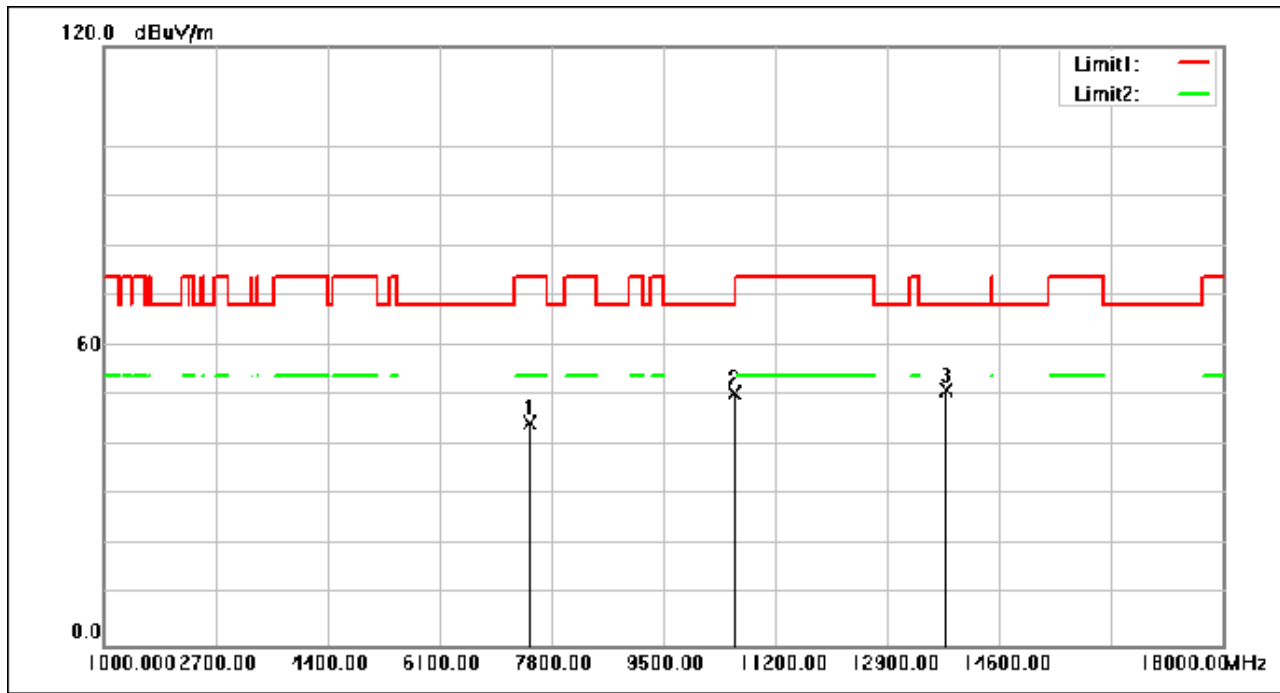
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7481.080	55.96	-11.29	44.67	74.00	-29.33	peak
2	10582.560	57.54	-6.99	50.55	68.30	-17.75	peak
3	13790.800	57.69	-6.39	51.30	68.30	-17.00	peak

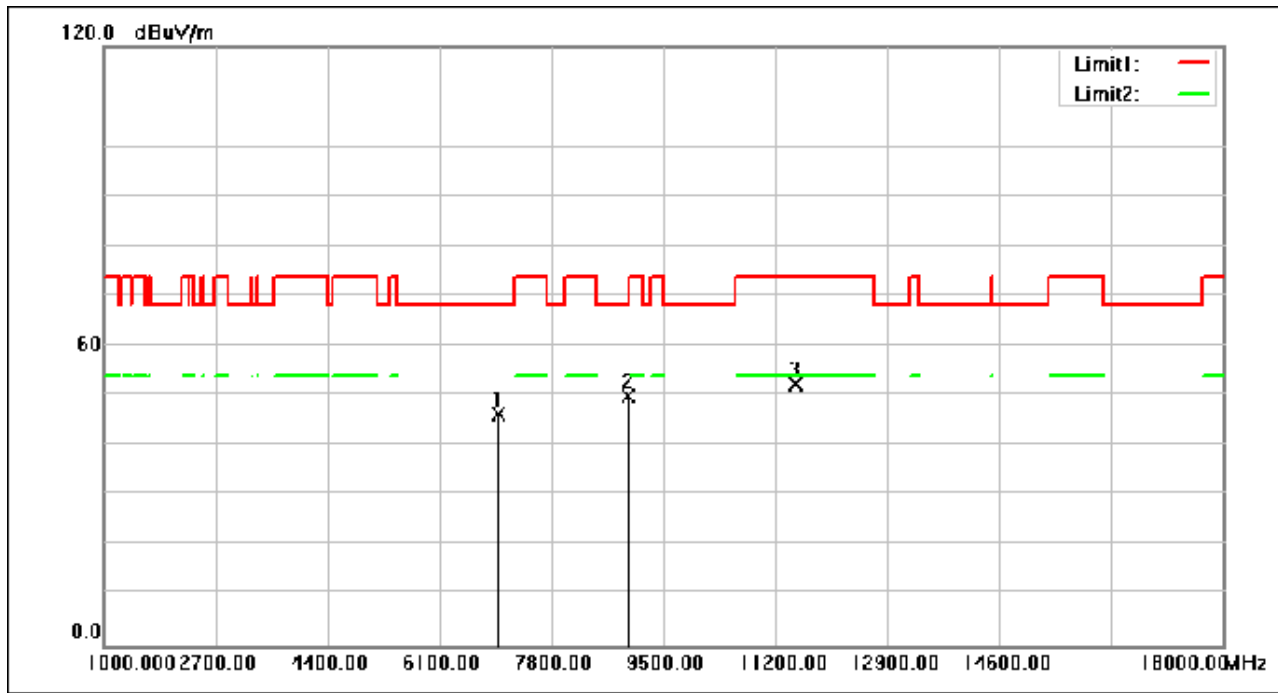
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6996.240	57.84	-11.57	46.27	68.30	-22.03	peak
2	8981.160	58.94	-8.95	49.99	68.30	-18.31	peak
3	11519.600	58.72	-6.34	52.38	74.00	-21.62	peak

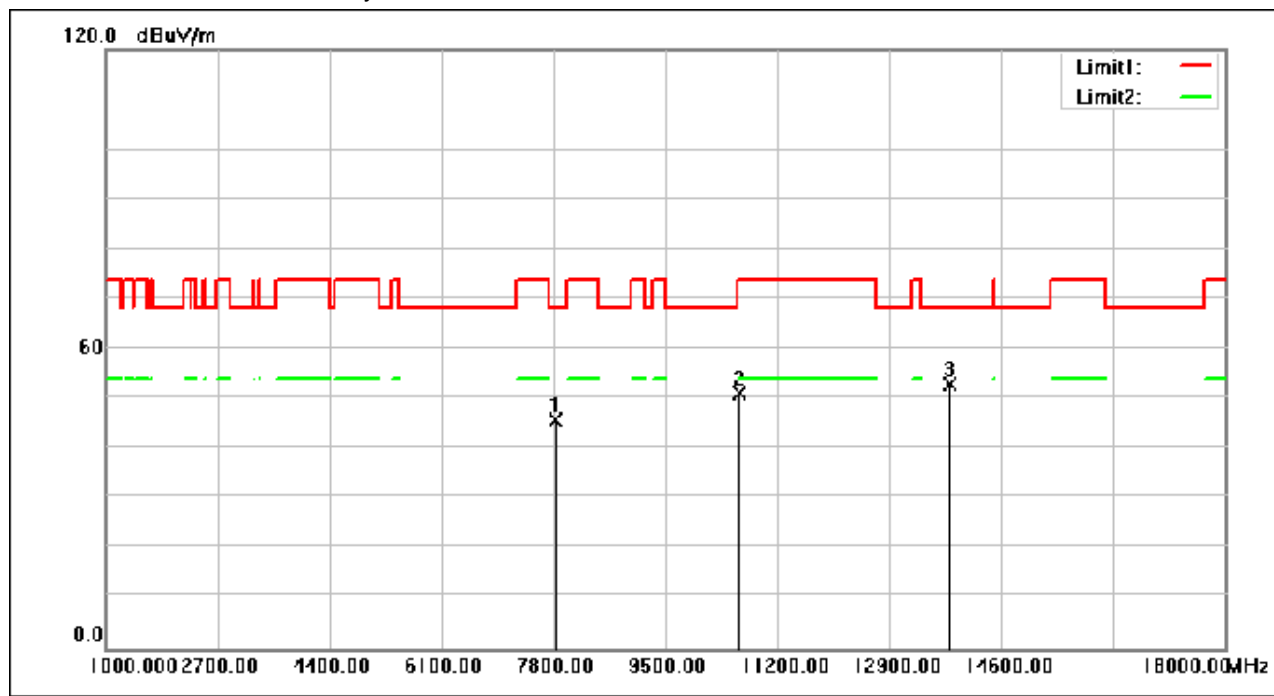
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7840.120	56.65	-10.81	45.84	68.30	-22.46	peak
2	10638.320	58.17	-6.96	51.21	74.00	-22.79	peak
3	13830.920	59.47	-6.40	53.07	68.30	-15.23	peak

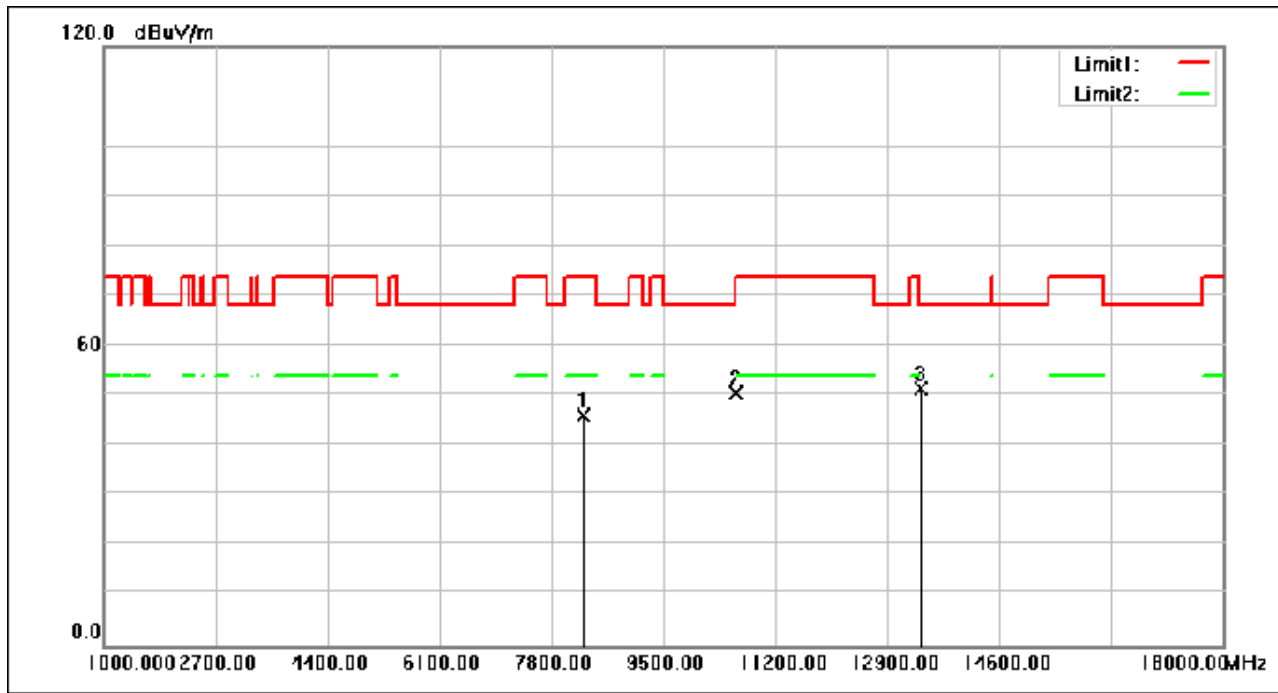
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8282.120	56.23	-10.12	46.11	74.00	-27.89	peak
2	10604.320	57.47	-6.98	50.49	74.00	-23.51	peak
3	13420.200	57.70	-6.32	51.38	68.30	-16.92	peak

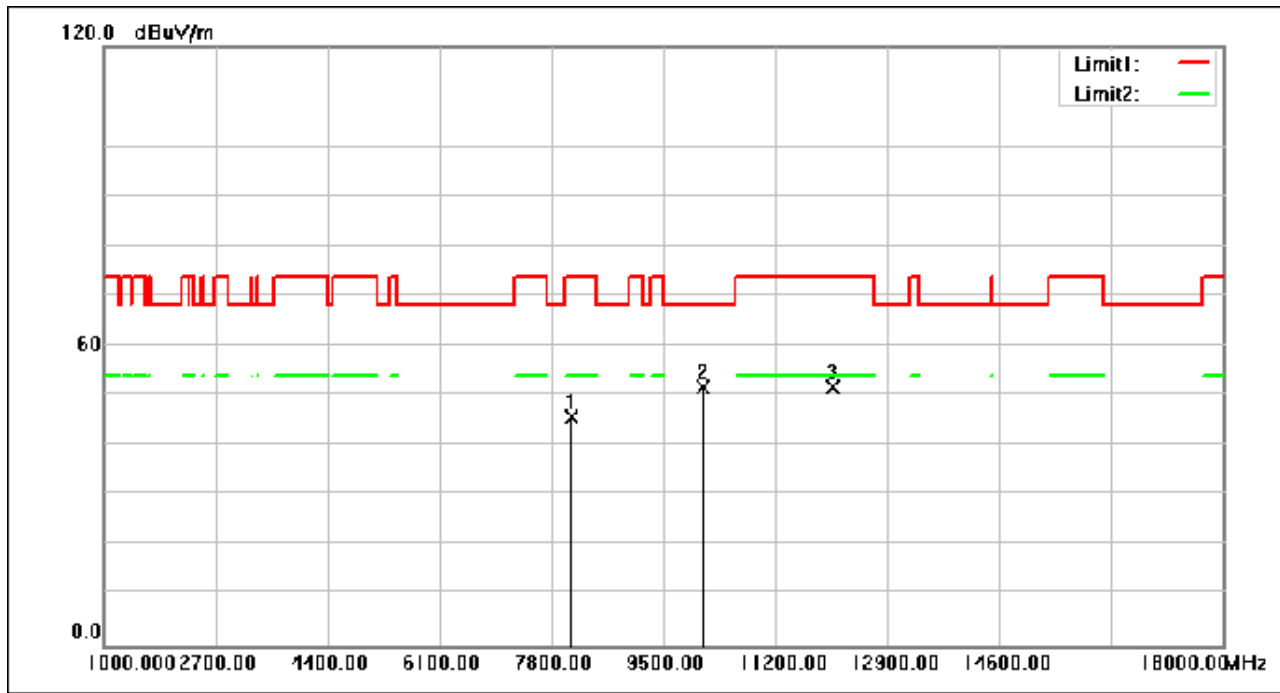
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8112.800	56.13	-10.40	45.73	74.00	-28.27	peak
2	10098.400	58.89	-7.27	51.62	68.30	-16.68	peak
3	12073.120	57.80	-5.92	51.88	74.00	-22.12	peak

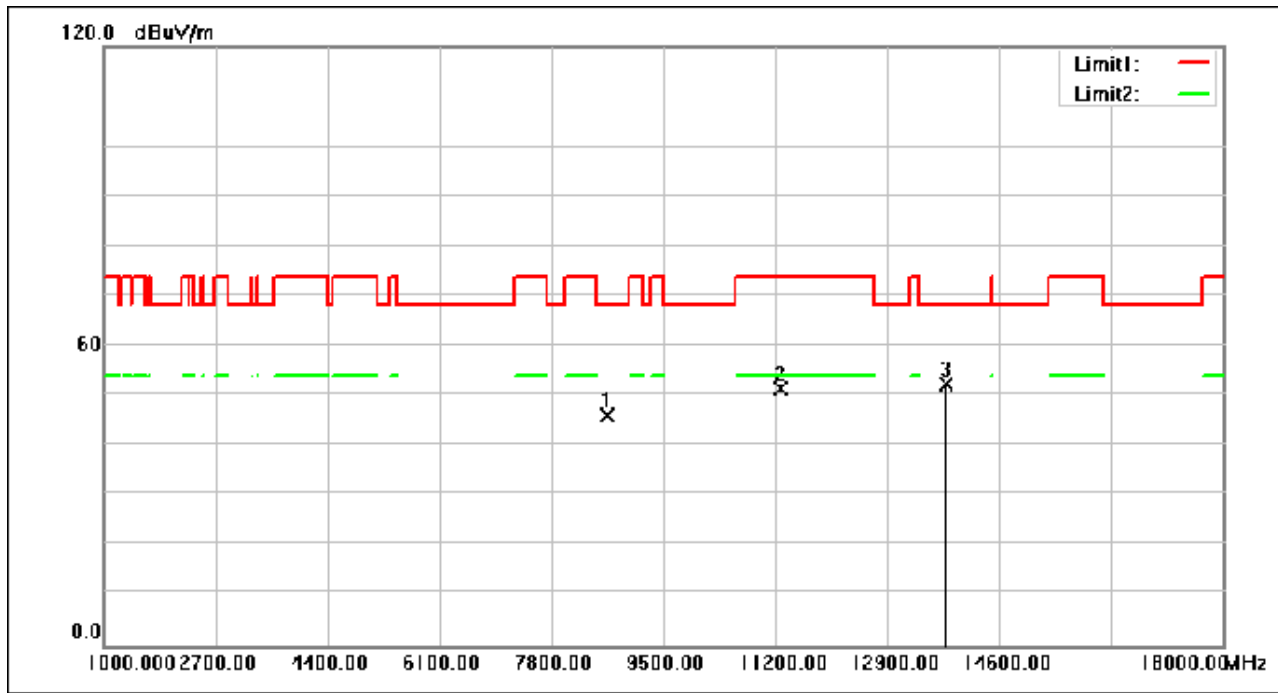
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8658.160	55.64	-9.49	46.15	68.30	-22.15	peak
2	11300.640	58.04	-6.52	51.52	74.00	-22.48	peak
3	13789.440	58.80	-6.39	52.41	68.30	-15.89	peak

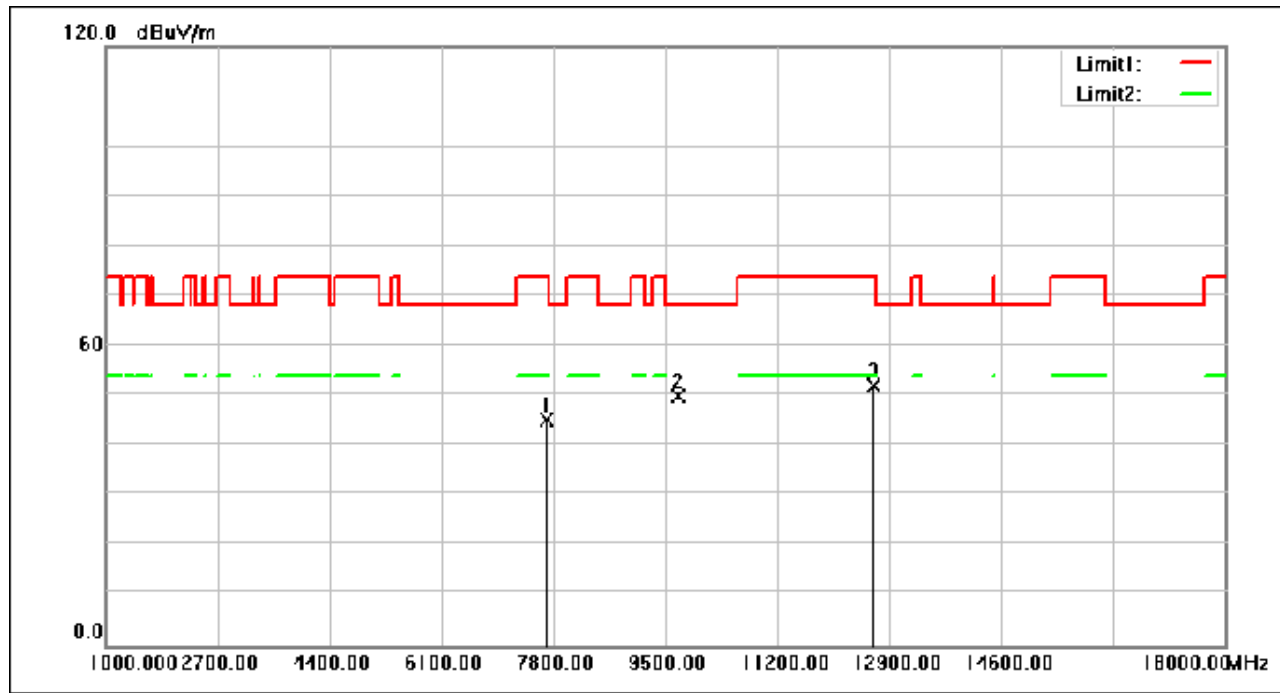
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7714.320	56.10	-10.97	45.13	74.00	-28.87	peak
2	9687.000	57.62	-7.60	50.02	68.30	-18.28	peak
3	12678.320	58.14	-6.20	51.94	74.00	-22.06	peak

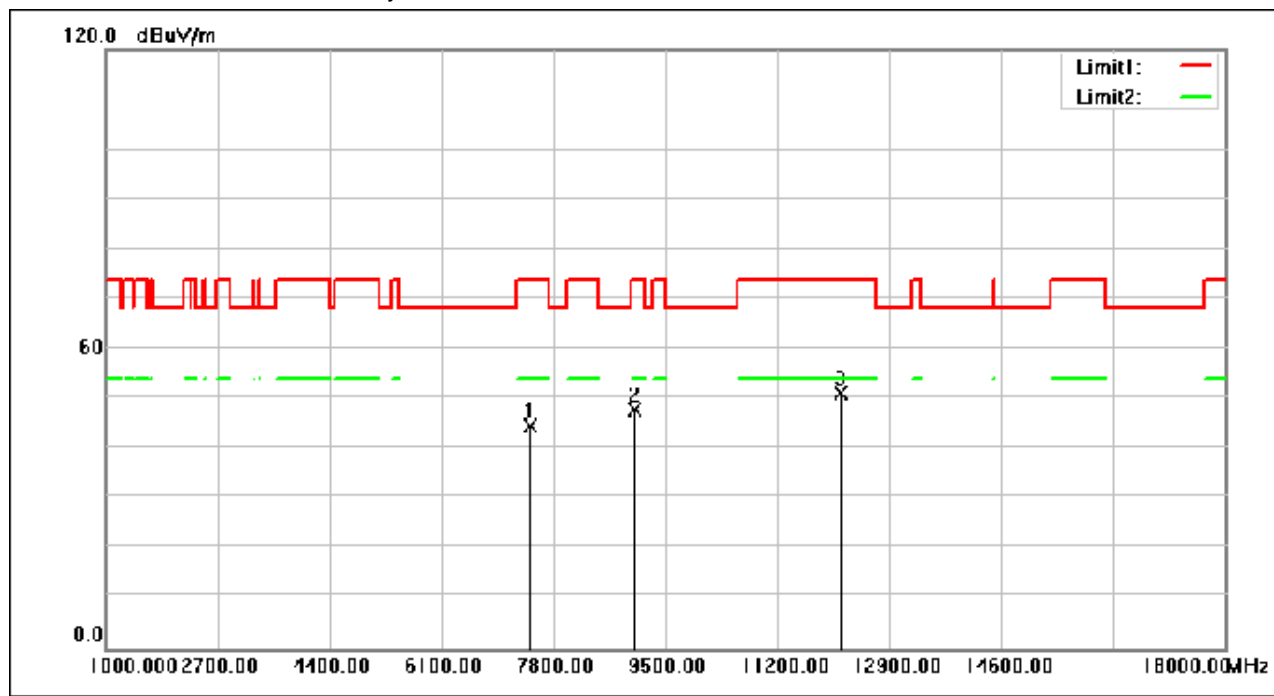
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7455.240	56.00	-11.32	44.68	74.00	-29.32	peak
2	9050.520	56.78	-8.81	47.97	74.00	-26.03	peak
3	12166.280	57.24	-5.96	51.28	74.00	-22.72	peak

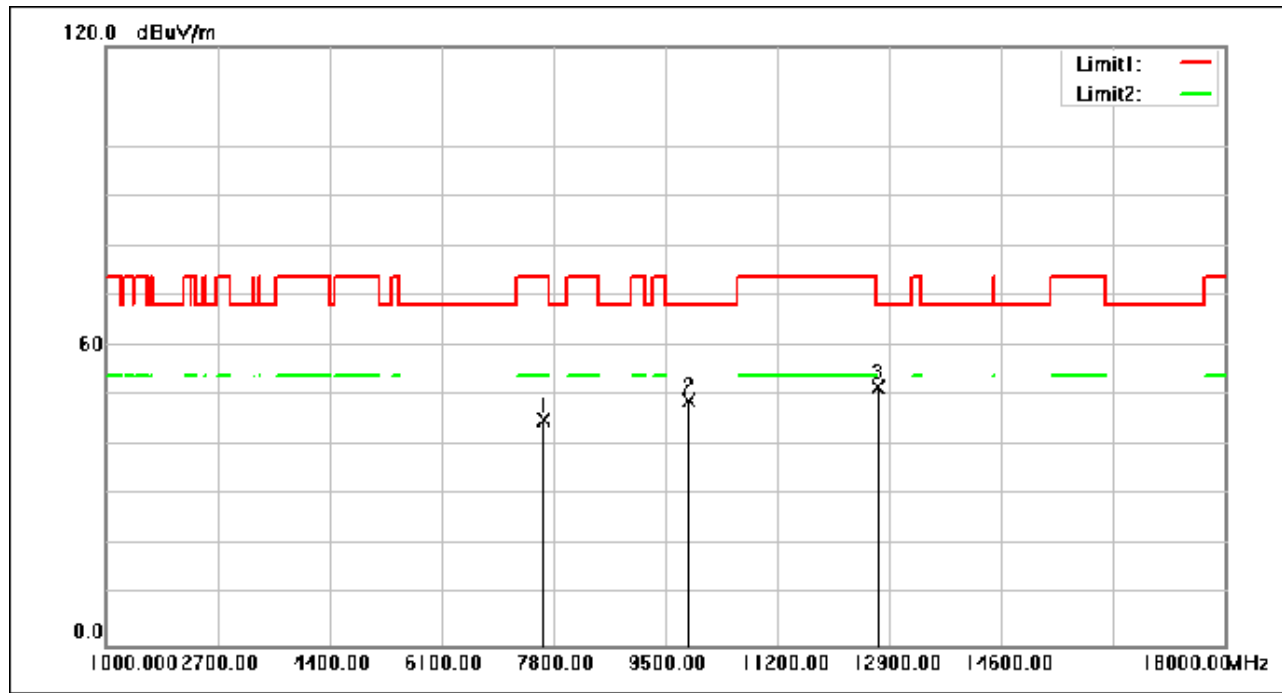
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7661.280	56.14	-11.04	45.10	74.00	-28.90	peak
2	9866.520	56.25	-7.30	48.95	68.30	-19.35	peak
3	12732.040	57.90	-6.22	51.68	68.30	-16.62	peak

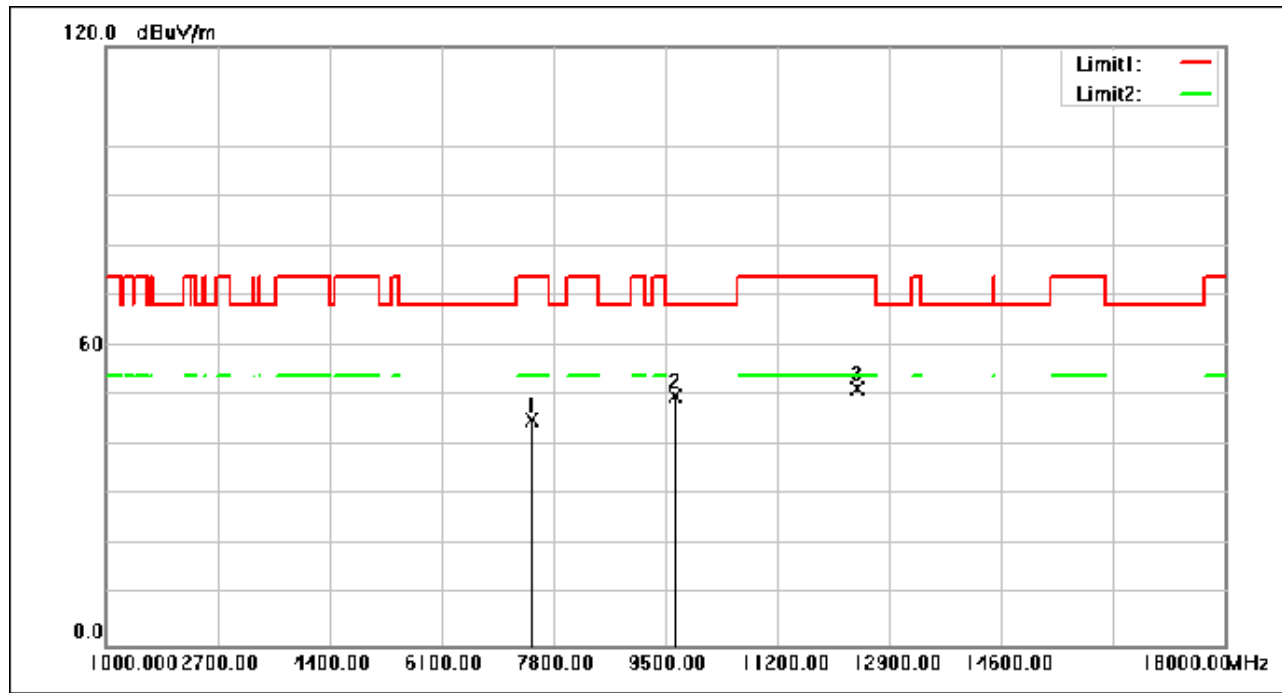
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7473.600	56.50	-11.29	45.21	74.00	-28.79	peak
2	9639.400	57.58	-7.69	49.89	68.30	-18.41	peak
3	12411.760	57.46	-6.07	51.39	74.00	-22.61	peak

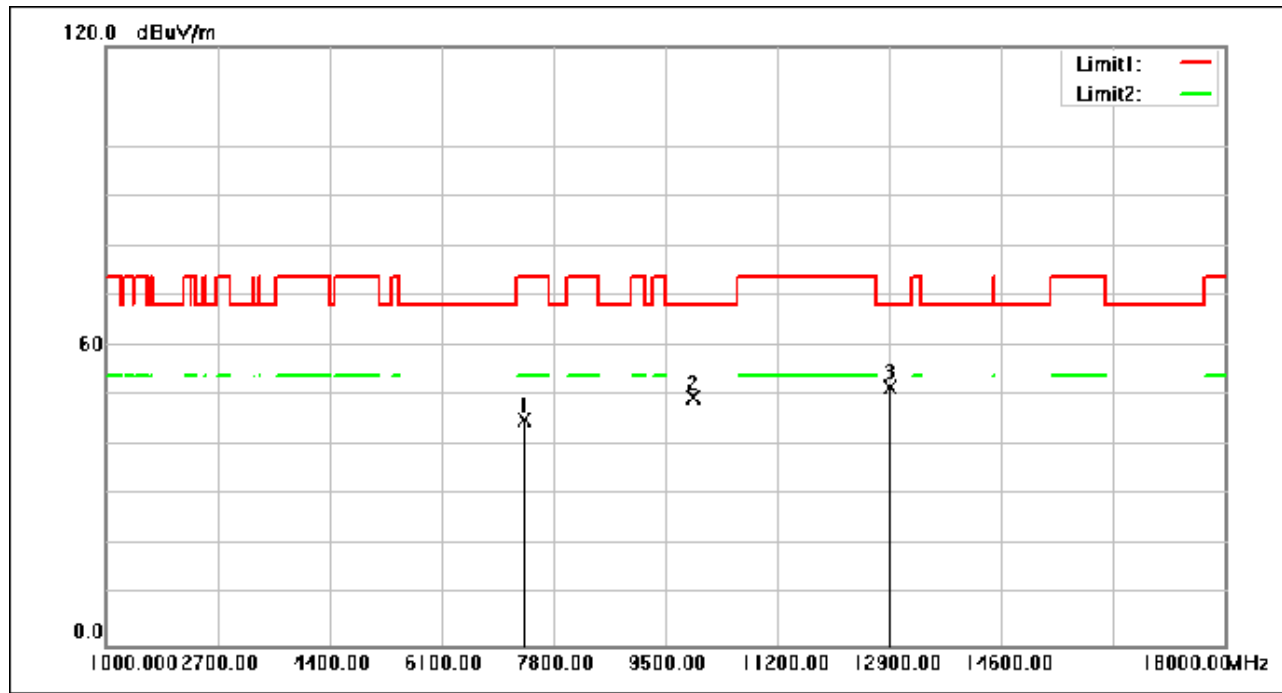
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7370.920	56.58	-11.40	45.18	74.00	-28.82	peak
2	9922.280	57.03	-7.31	49.72	68.30	-18.58	peak
3	12902.720	58.10	-6.29	51.81	68.30	-16.49	peak

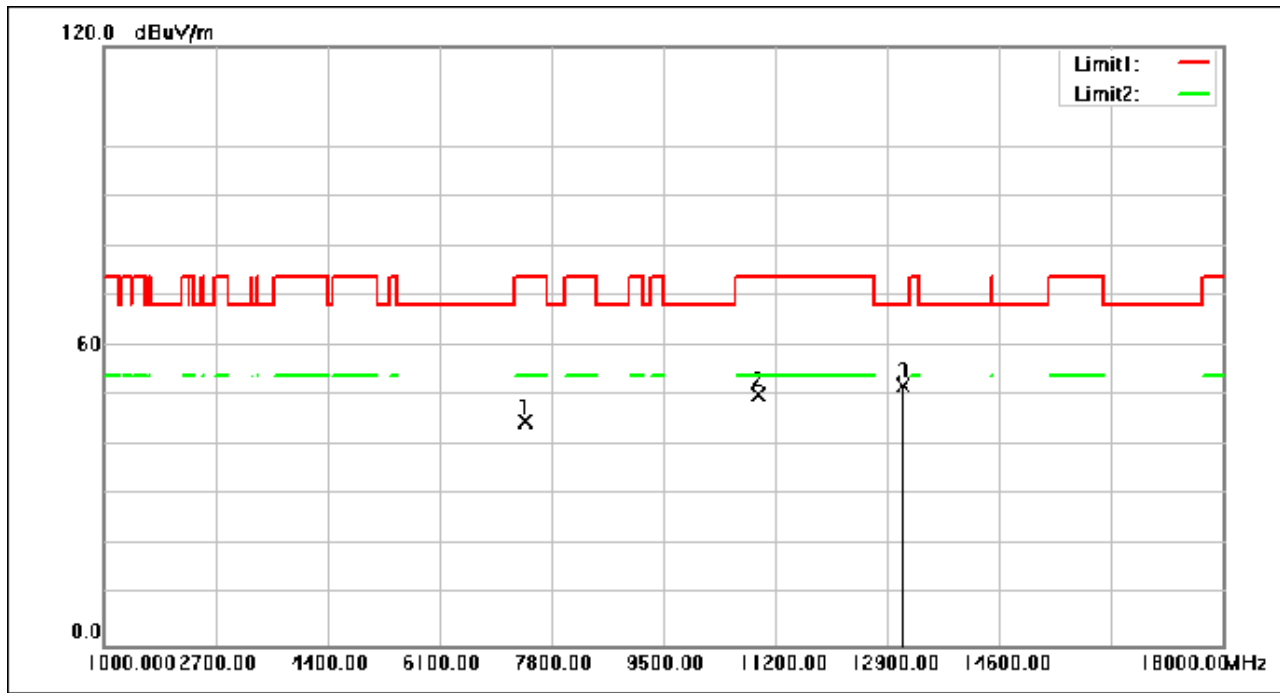
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7400.840	56.13	-11.39	44.74	74.00	-29.26	peak
2	10932.080	57.02	-6.80	50.22	74.00	-23.78	peak
3	13150.240	58.33	-6.28	52.05	68.30	-16.25	peak

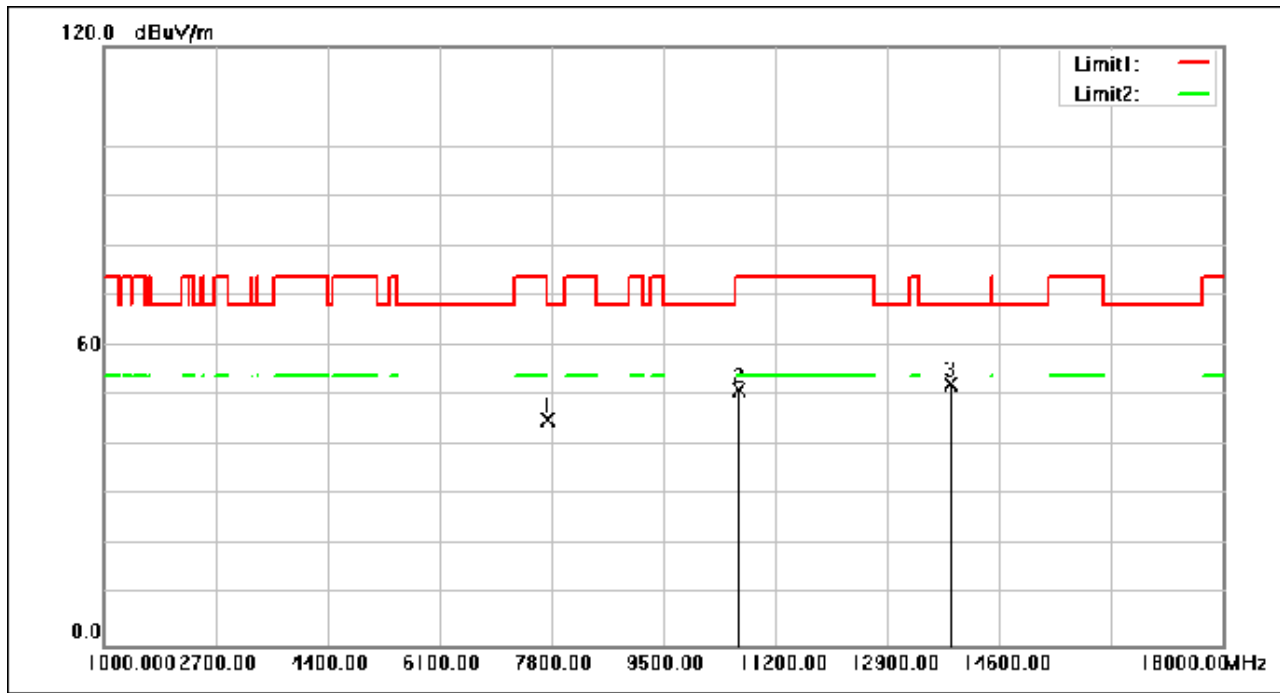
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7761.920	56.13	-10.91	45.22	68.30	-23.08	peak
2	10644.440	58.22	-6.96	51.26	74.00	-22.74	peak
3	13867.640	58.68	-6.40	52.28	68.30	-16.02	peak

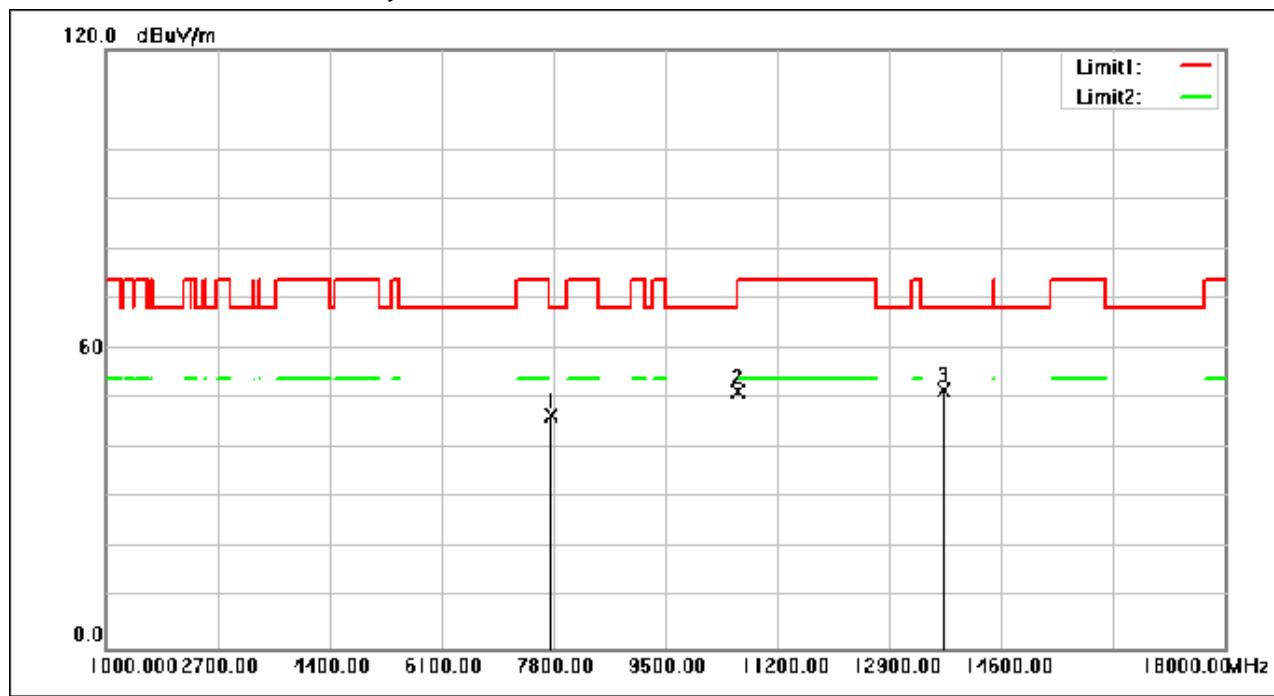
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7772.800	57.45	-10.90	46.55	68.30	-21.75	peak
2	10615.880	58.45	-6.97	51.48	74.00	-22.52	peak
3	13733.680	58.26	-6.38	51.88	68.30	-16.42	peak

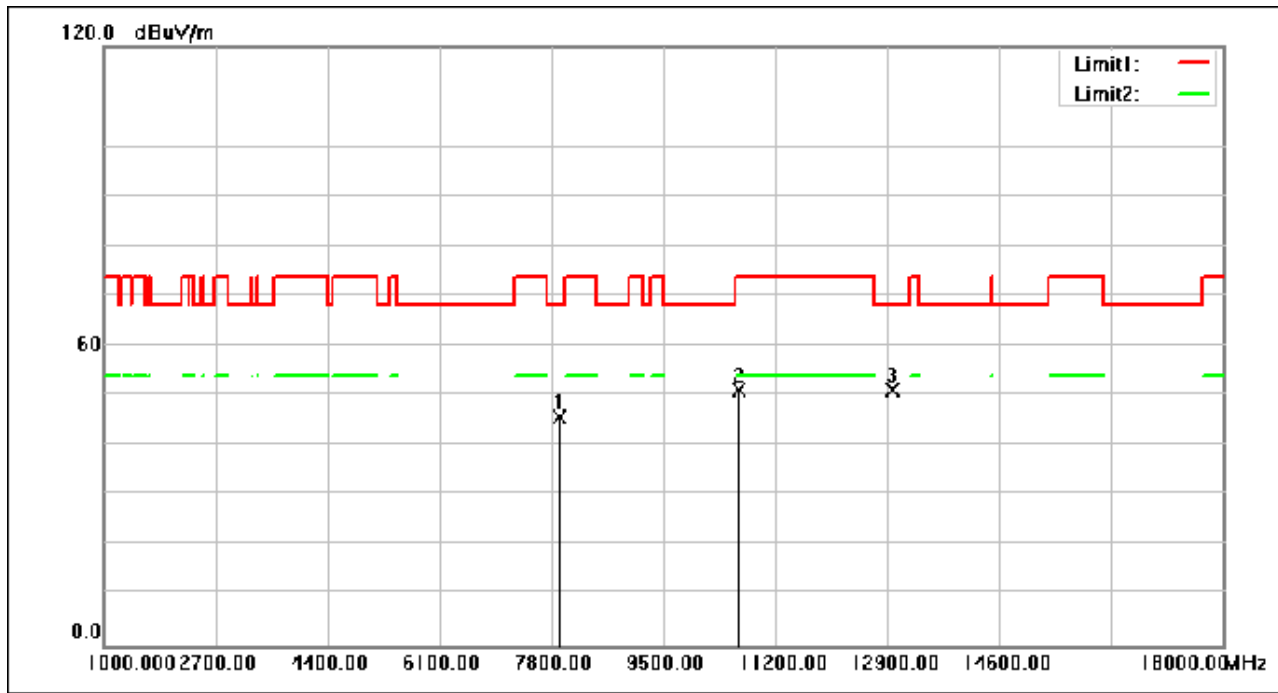
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7929.200	56.42	-10.70	45.72	68.30	-22.58	peak
2	10642.400	58.17	-6.96	51.21	74.00	-22.79	peak
3	12997.240	57.49	-6.34	51.15	68.30	-17.15	peak

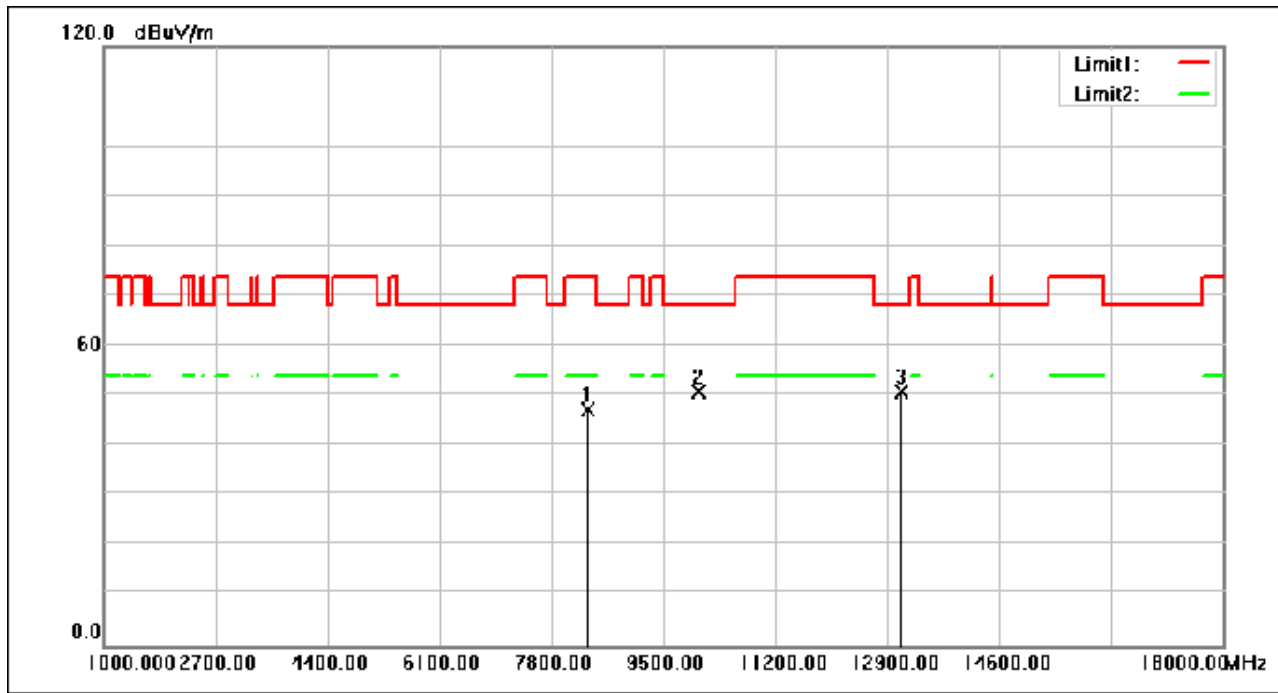
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8350.120	57.12	-10.00	47.12	74.00	-26.88	peak
2	10031.080	58.06	-7.31	50.75	68.30	-17.55	peak
3	13123.720	57.21	-6.27	50.94	68.30	-17.36	peak

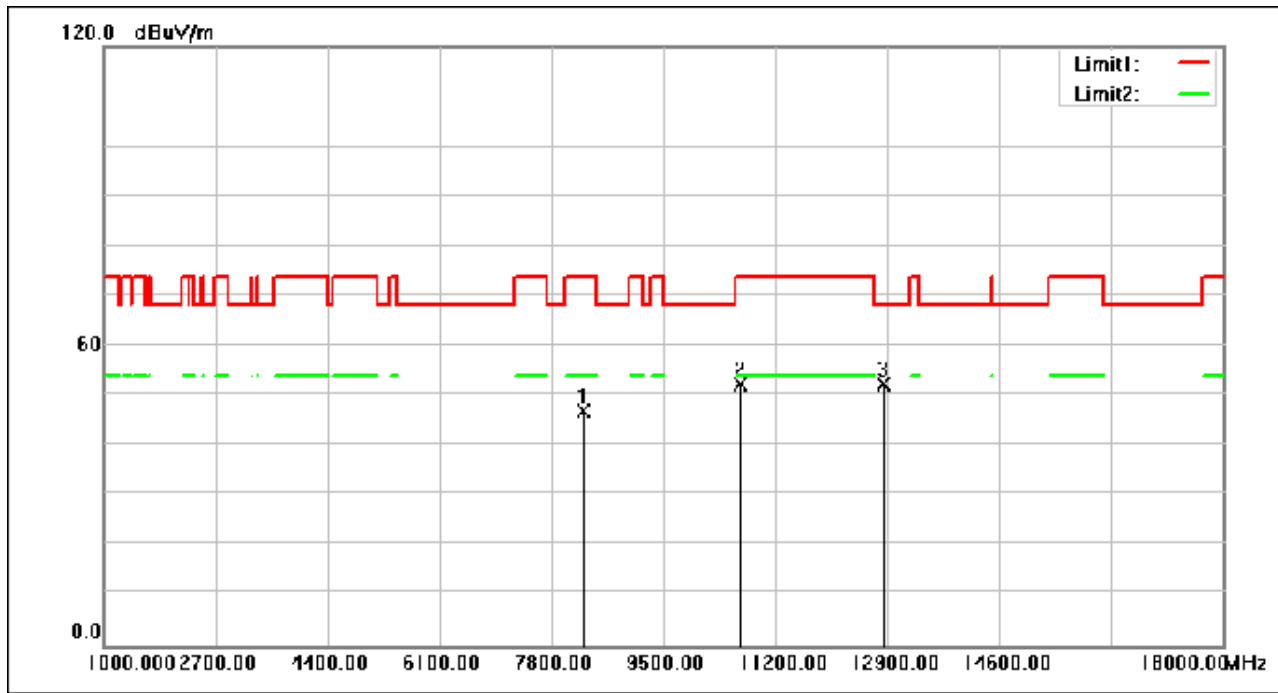
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8278.720	57.06	-10.12	46.94	74.00	-27.06	peak
2	10663.480	59.32	-6.95	52.37	74.00	-21.63	peak
3	12833.360	58.47	-6.27	52.20	68.30	-16.10	peak

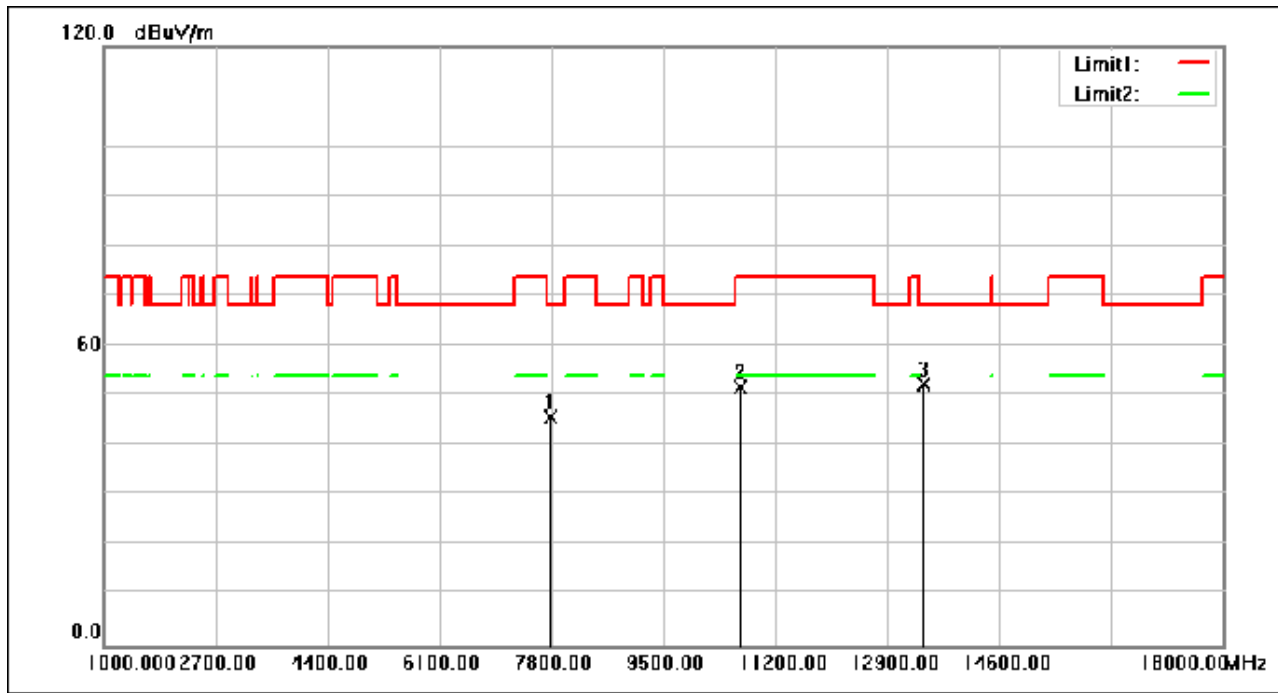
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7787.760	56.57	-10.88	45.69	68.30	-22.61	peak
2	10675.040	58.66	-6.94	51.72	74.00	-22.28	peak
3	13463.040	58.55	-6.33	52.22	68.30	-16.08	peak

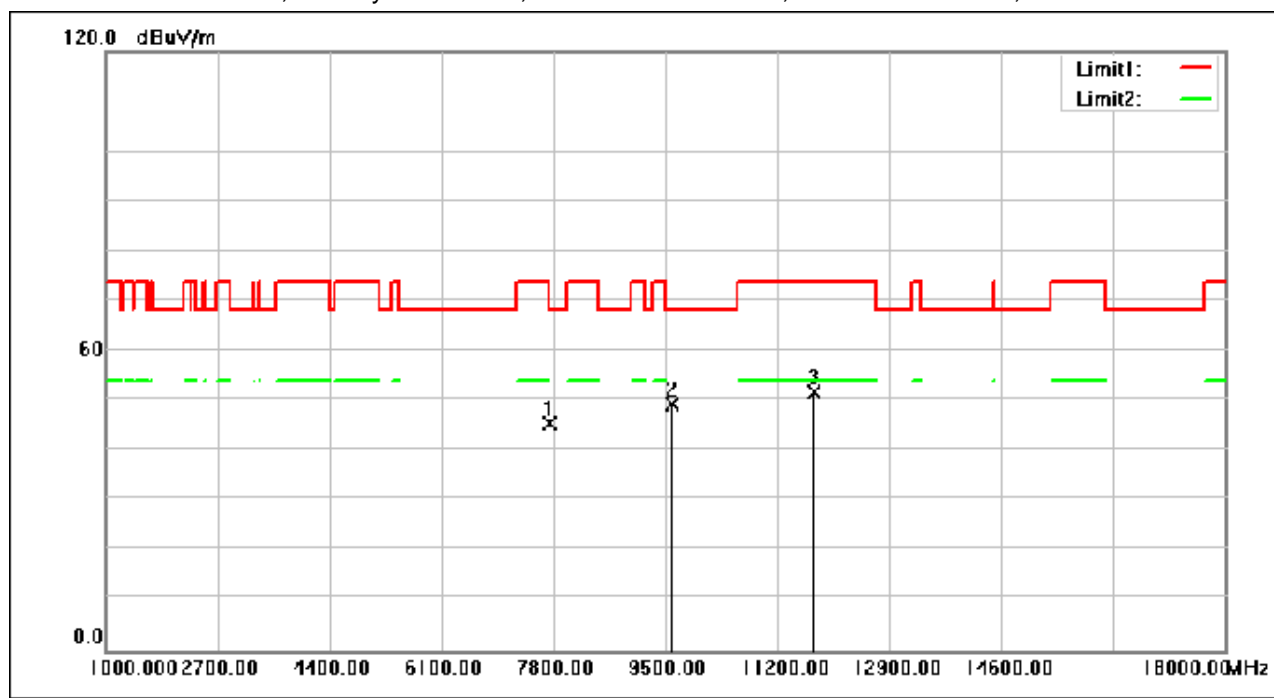
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7745.600	56.29	-10.94	45.35	74.00	-28.65	peak
2	9616.280	57.16	-7.73	49.43	68.30	-18.87	peak
3	11744.680	57.83	-6.17	51.66	74.00	-22.34	peak

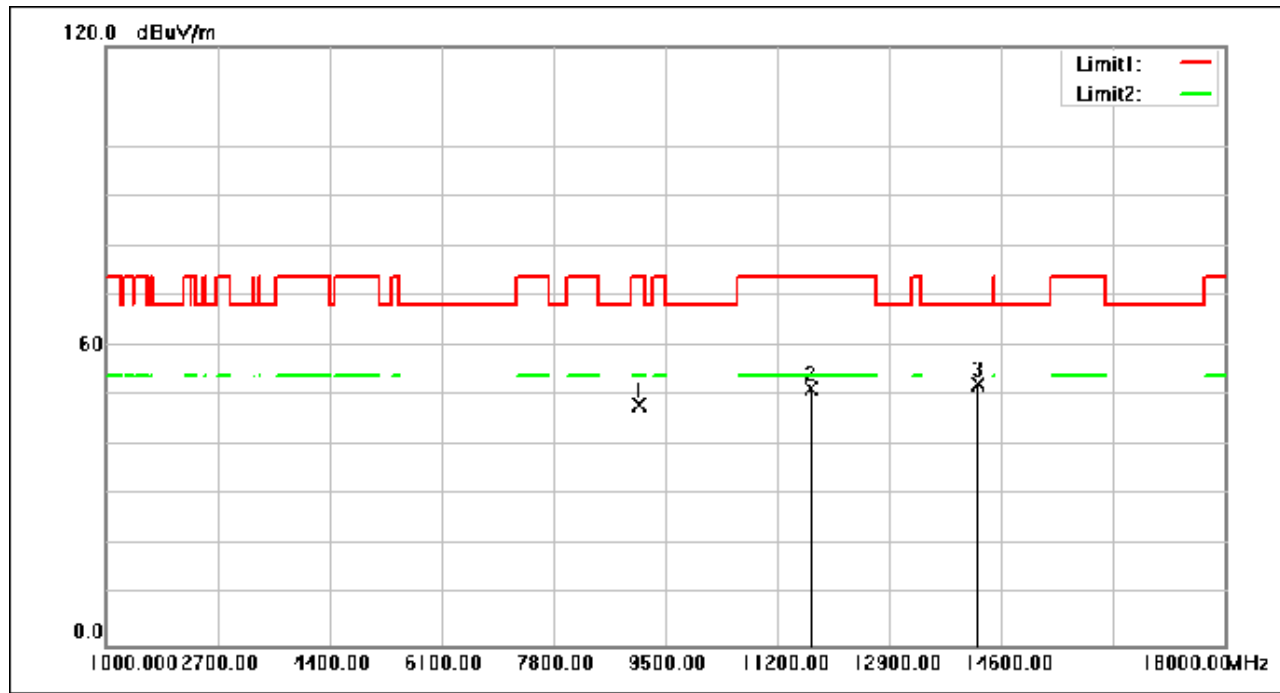
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9104.920	56.85	-8.70	48.15	74.00	-25.85	peak
2	11725.640	57.56	-6.17	51.39	74.00	-22.61	peak
3	14247.080	58.56	-6.22	52.34	68.30	-15.96	peak

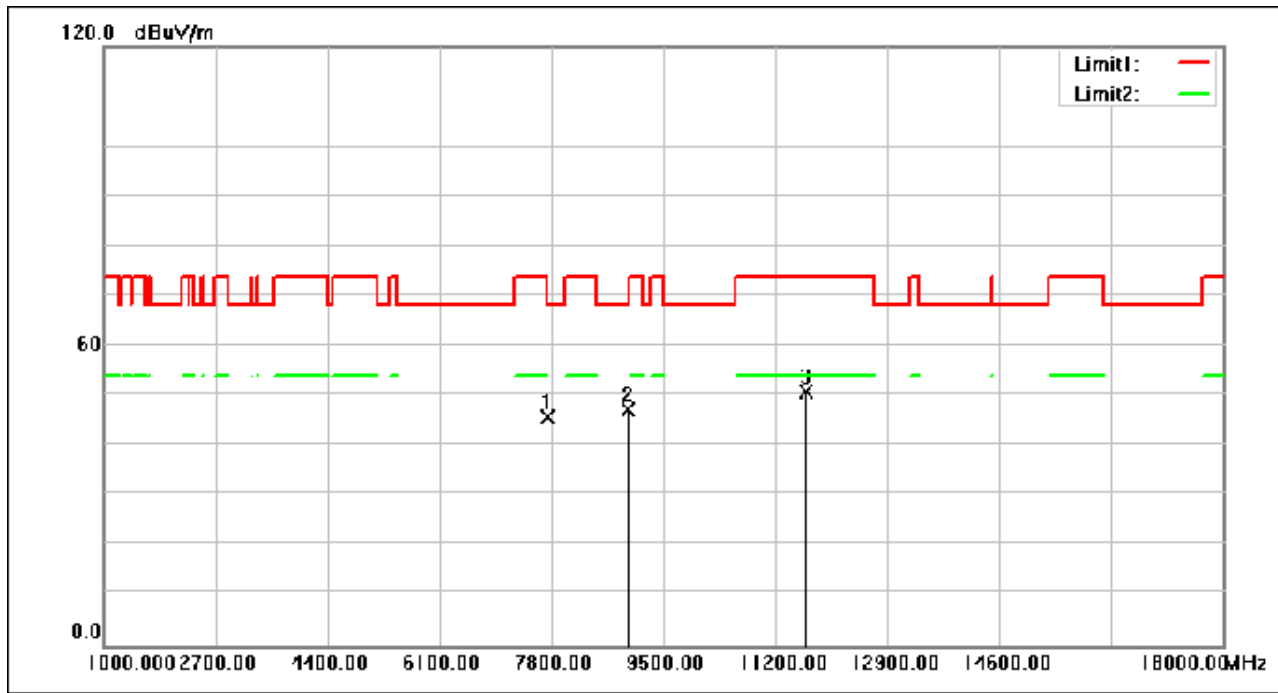
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7745.600	56.57	-10.94	45.63	74.00	-28.37	peak
2	8959.400	56.27	-8.99	47.28	68.30	-21.02	peak
3	11666.480	56.95	-6.22	50.73	74.00	-23.27	peak

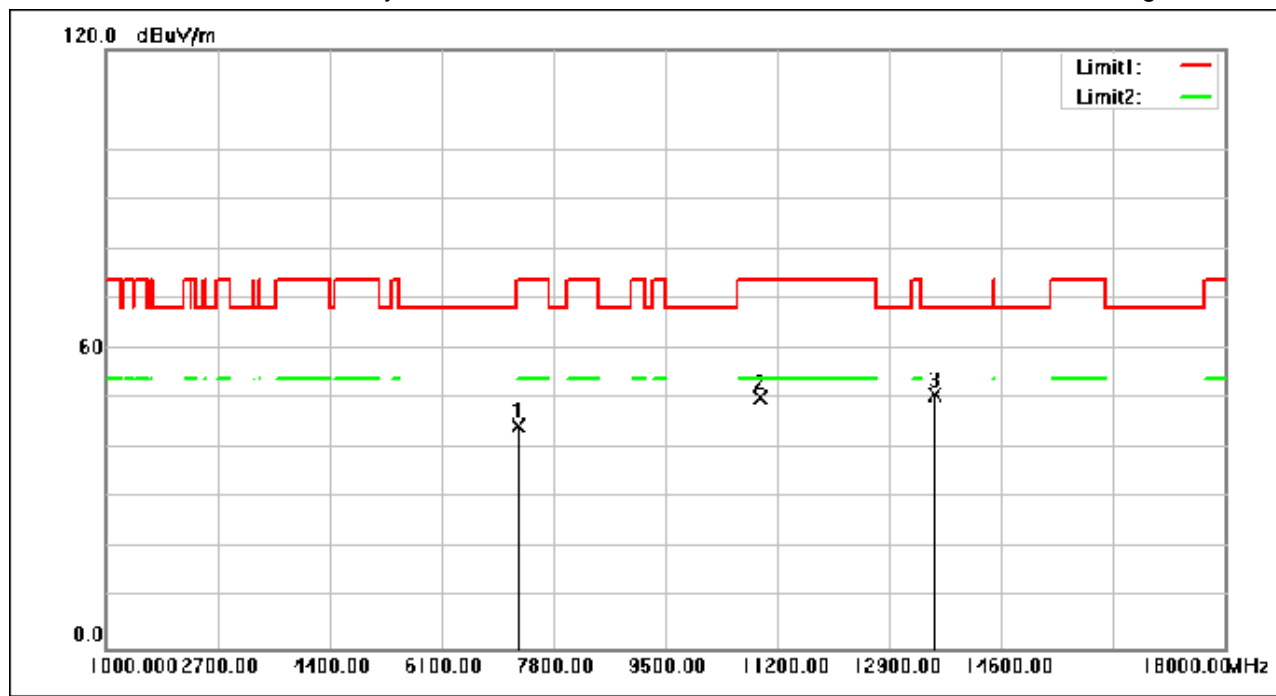
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7272.320	56.12	-11.44	44.68	74.00	-29.32	peak
2	10929.360	57.04	-6.80	50.24	74.00	-23.76	peak
3	13586.120	57.12	-6.35	50.77	68.30	-17.53	peak

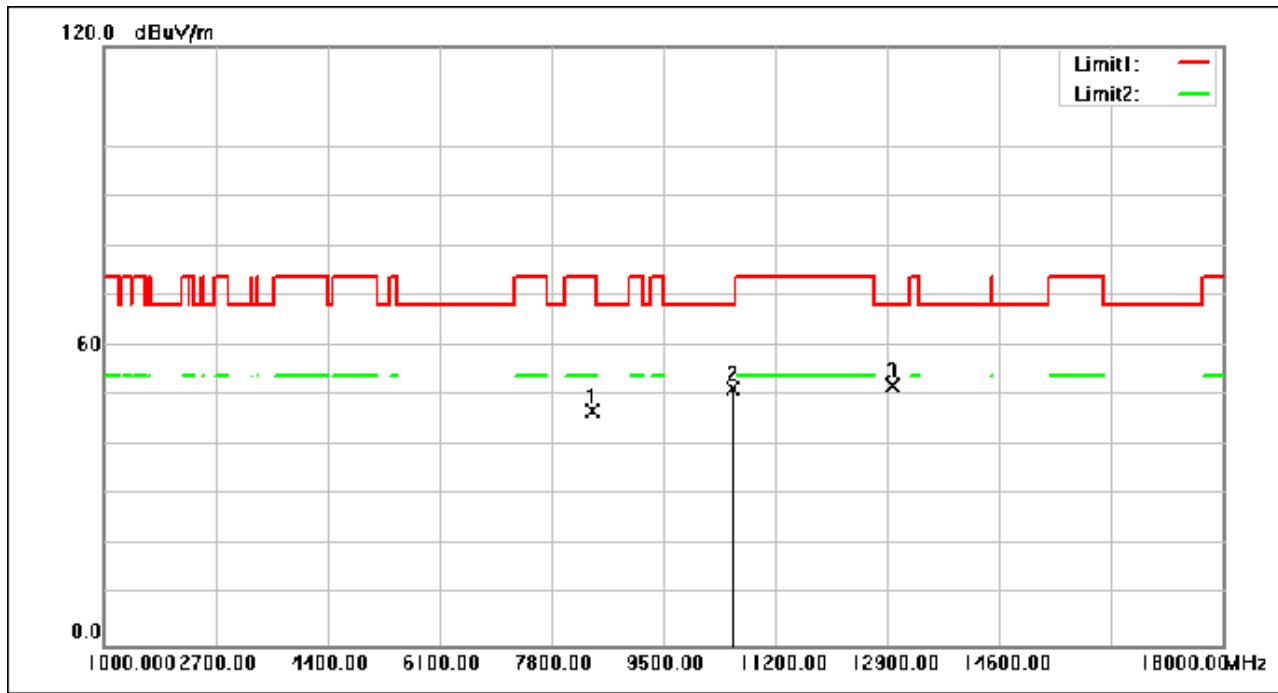
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8431.040	56.82	-9.87	46.95	74.00	-27.05	peak
2	10569.640	58.38	-7.00	51.38	68.30	-16.92	peak
3	12999.280	58.31	-6.34	51.97	68.30	-16.33	peak

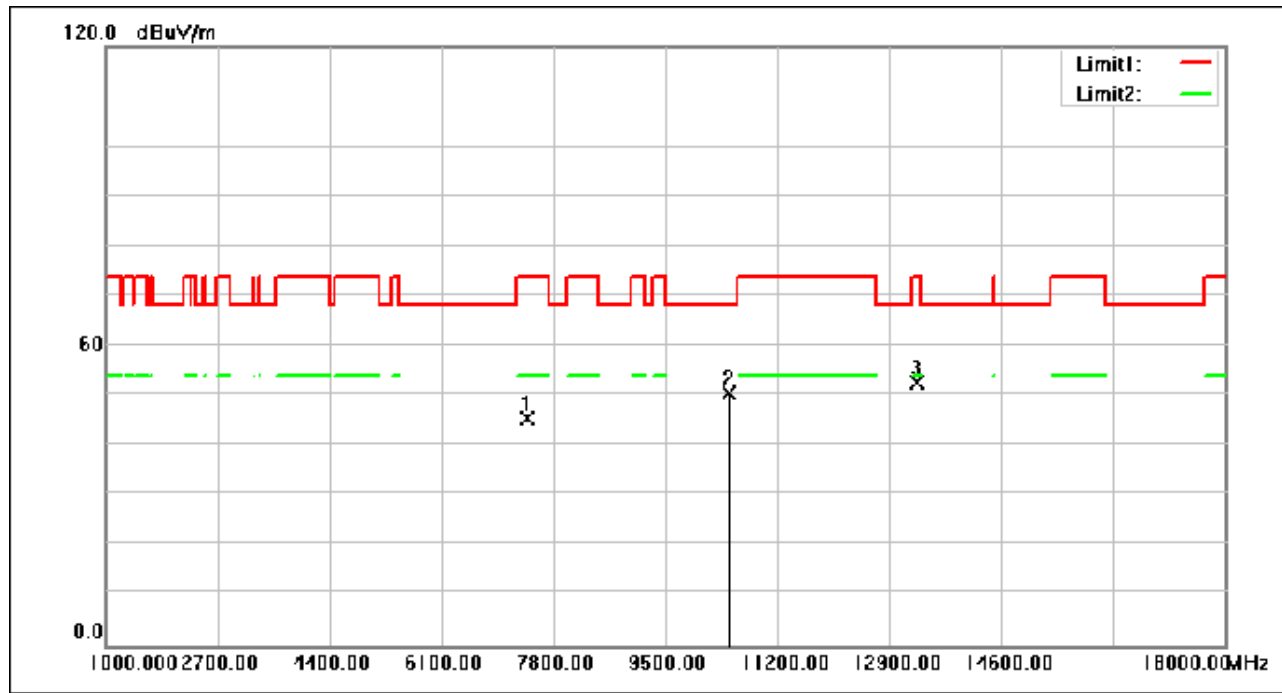
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7415.800	56.73	-11.37	45.36	74.00	-28.64	peak
2	10452.680	57.65	-7.06	50.59	68.30	-17.71	peak
3	13335.200	58.90	-6.31	52.59	74.00	-21.41	peak

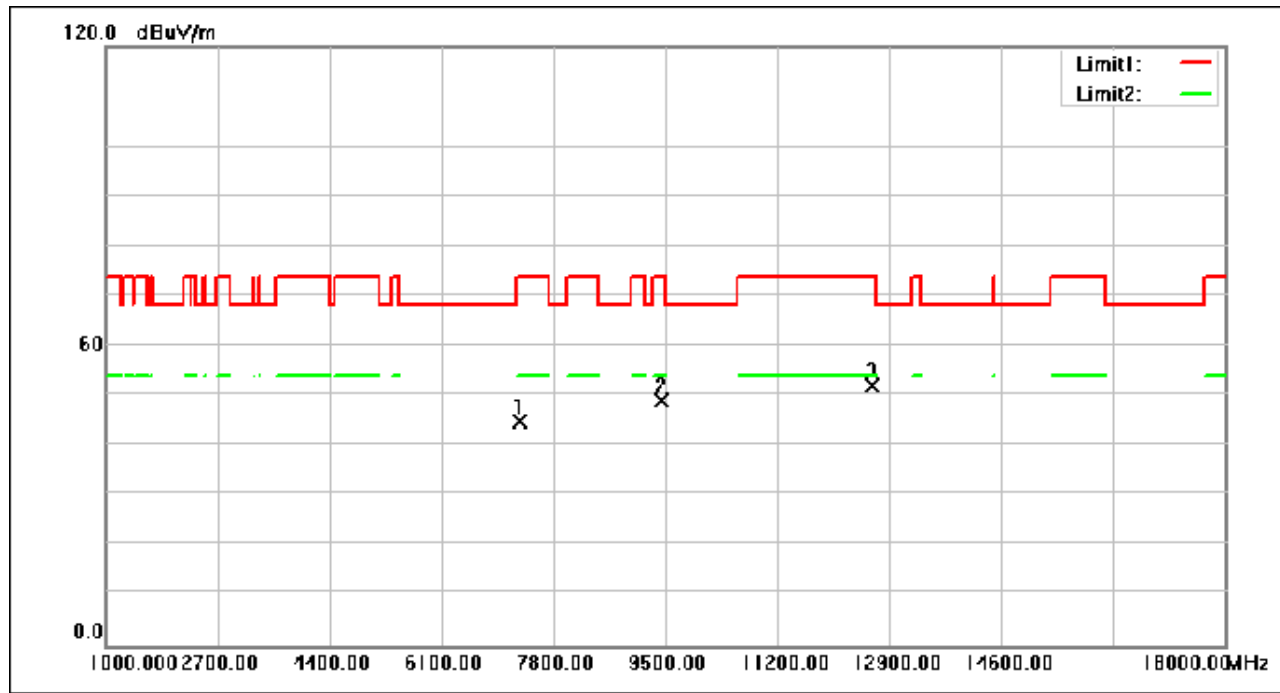
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7303.600	56.17	-11.43	44.74	74.00	-29.26	peak
2	9440.160	56.99	-8.06	48.93	74.00	-25.07	peak
3	12630.720	58.22	-6.17	52.05	74.00	-21.95	peak

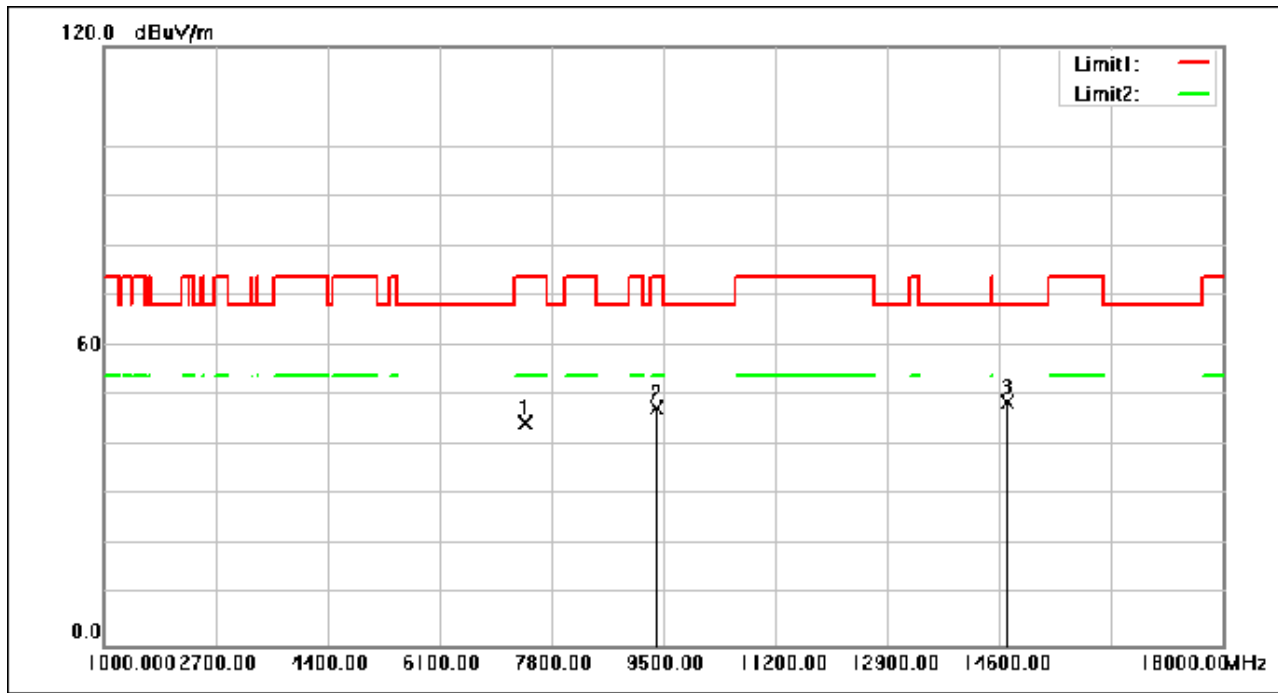
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7415.800	55.82	-11.37	44.45	74.00	-29.55	peak
2	9402.760	55.57	-8.14	47.43	74.00	-26.57	peak
3	14721.720	54.20	-5.57	48.63	68.30	-19.67	peak

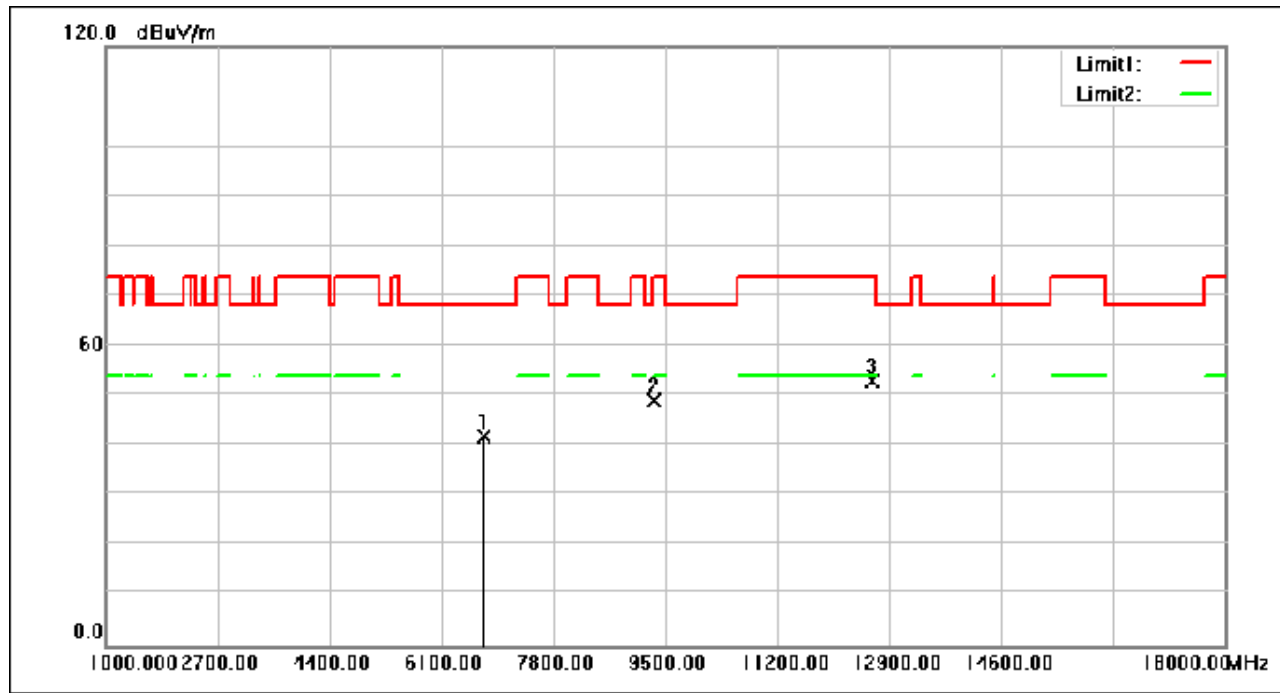
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6762.320	53.82	-11.98	41.84	68.30	-26.46	peak
2	9337.480	57.40	-8.26	49.14	74.00	-24.86	peak
3	12651.120	59.15	-6.19	52.96	74.00	-21.04	peak

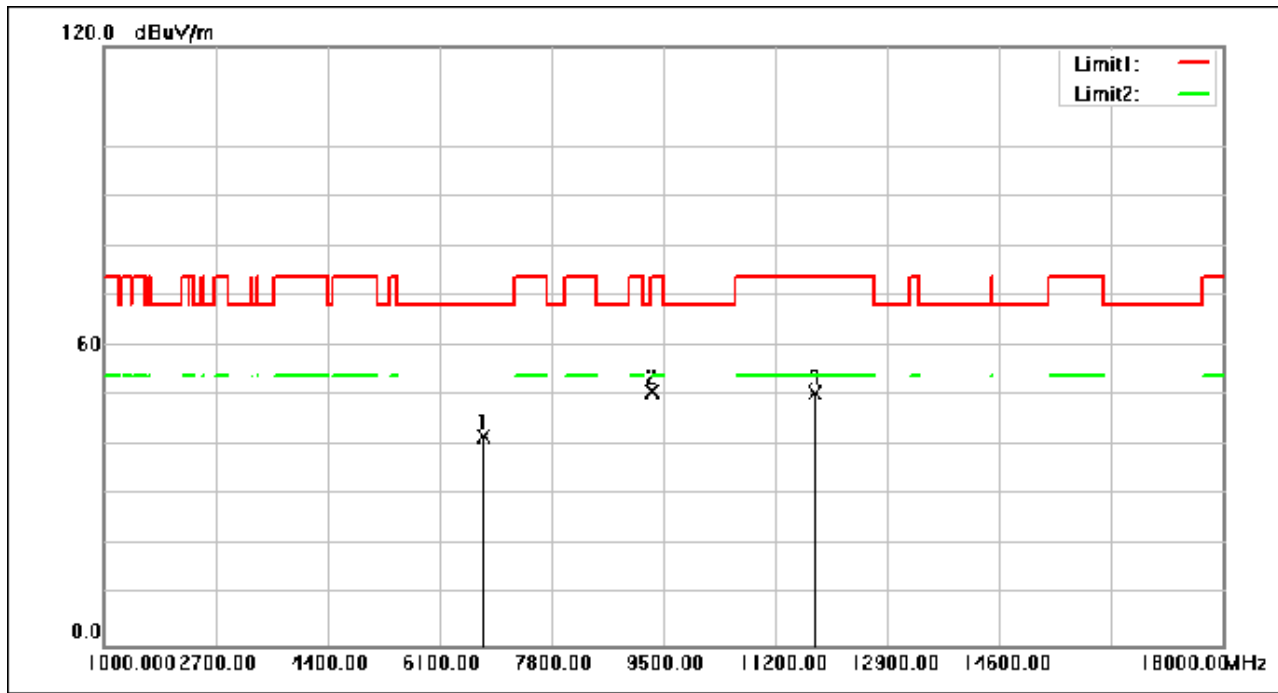
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6764.360	53.72	-11.98	41.74	68.30	-26.56	peak
2	9342.920	59.05	-8.25	50.80	74.00	-23.20	peak
3	11799.080	56.70	-6.12	50.58	74.00	-23.42	peak

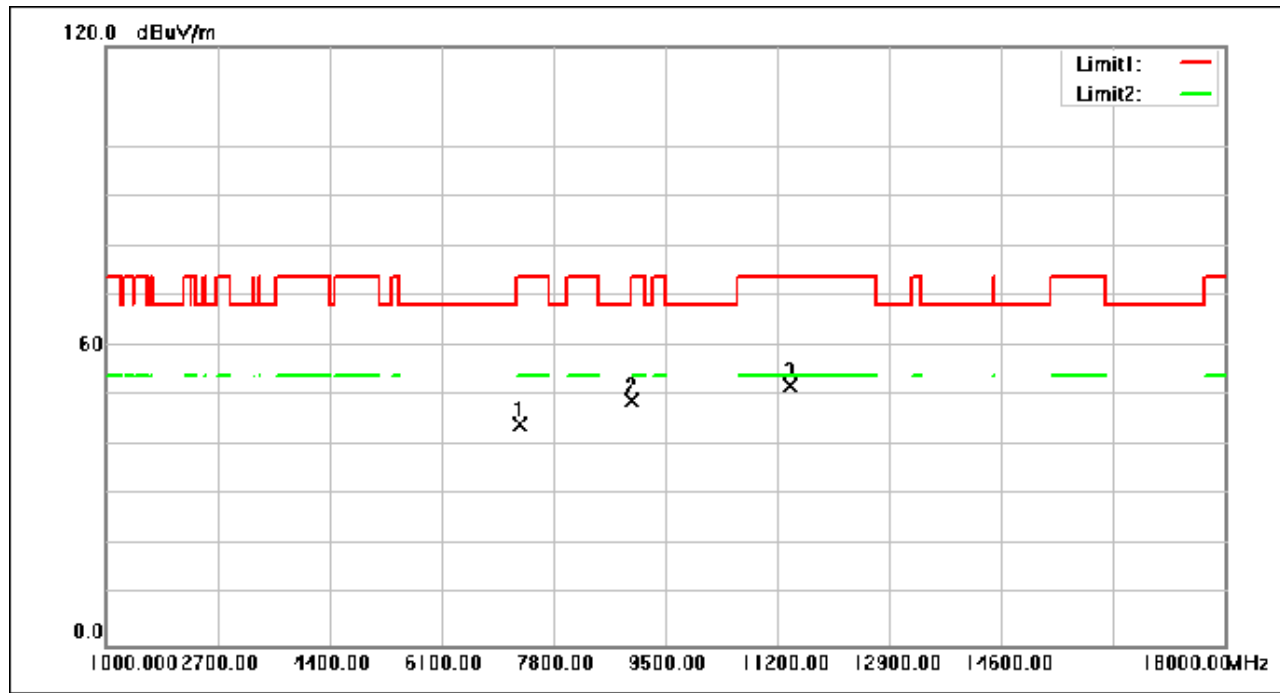
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7296.800	55.75	-11.44	44.31	74.00	-29.69	peak
2	8998.840	57.92	-8.90	49.02	68.30	-19.28	peak
3	11387.680	58.36	-6.45	51.91	74.00	-22.09	peak

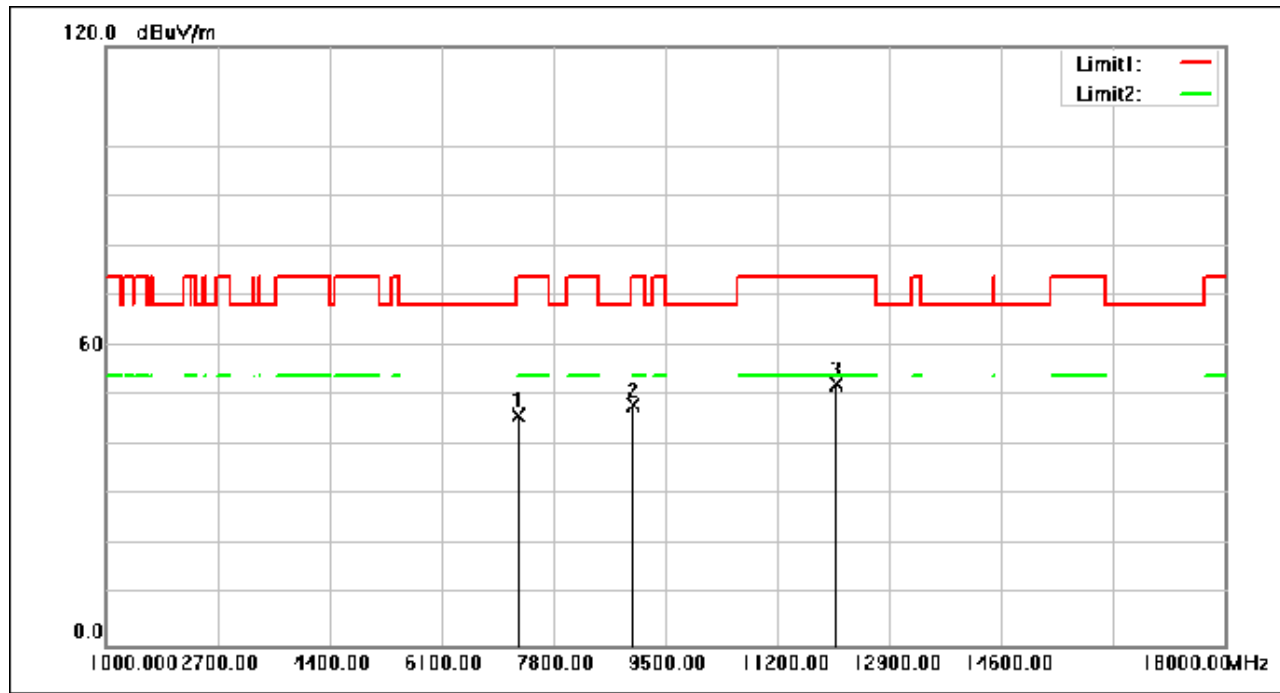
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7271.640	57.54	-11.44	46.10	74.00	-27.90	peak
2	9022.640	56.93	-8.85	48.08	74.00	-25.92	peak
3	12094.200	58.20	-5.93	52.27	74.00	-21.73	peak

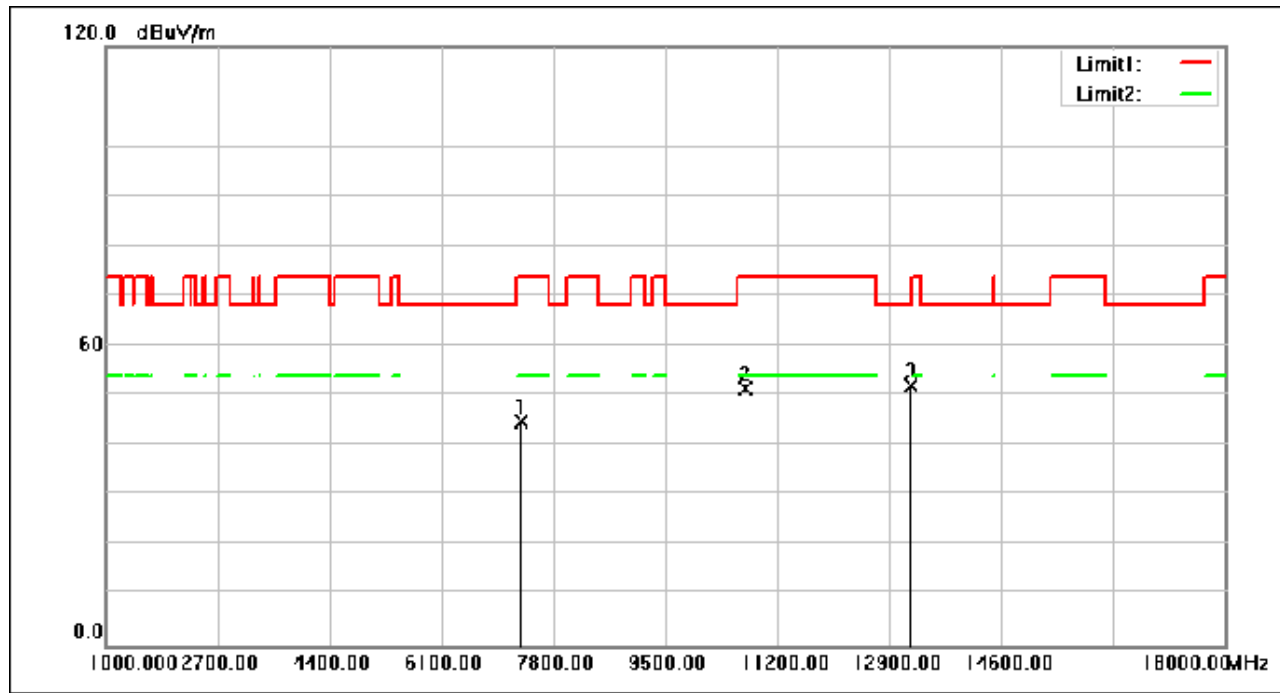
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7309.720	56.26	-11.43	44.83	74.00	-29.17	peak
2	10717.880	58.33	-6.92	51.41	74.00	-22.59	peak
3	13237.280	58.32	-6.29	52.03	68.30	-16.27	peak

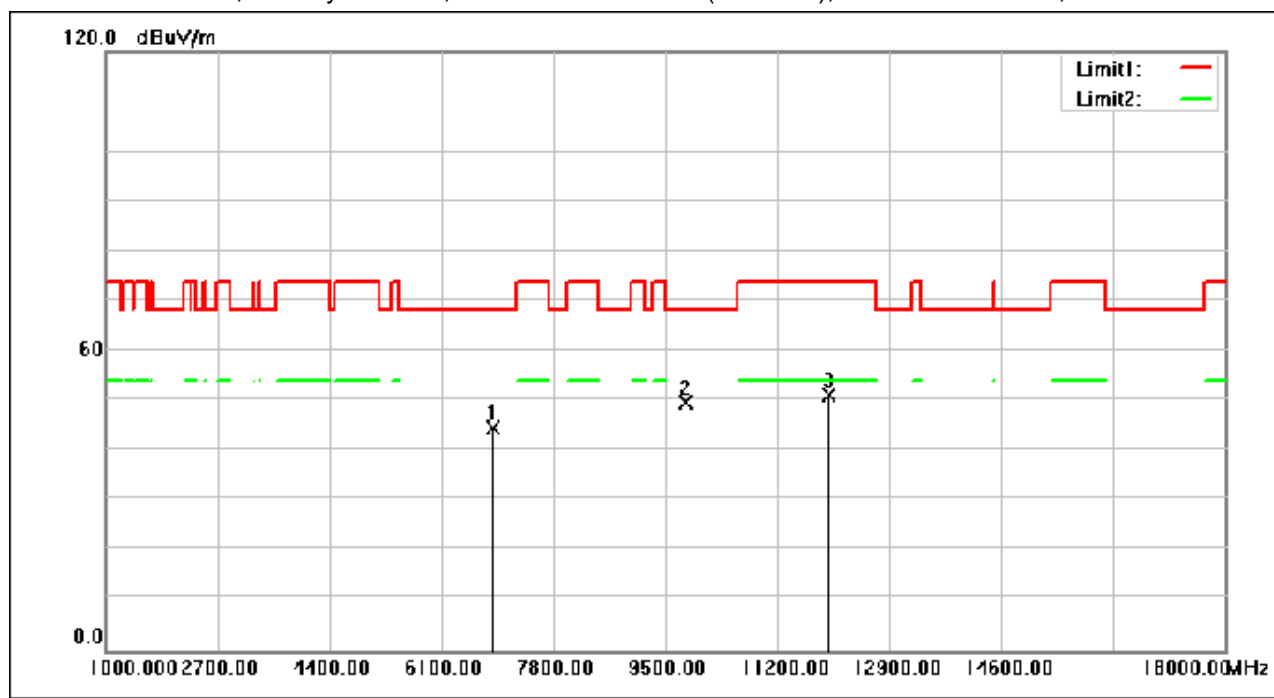
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6893.560	56.16	-11.75	44.41	68.30	-23.89	peak
2	9821.640	57.09	-7.34	49.75	68.30	-18.55	peak
3	11991.520	56.93	-5.90	51.03	74.00	-22.97	peak

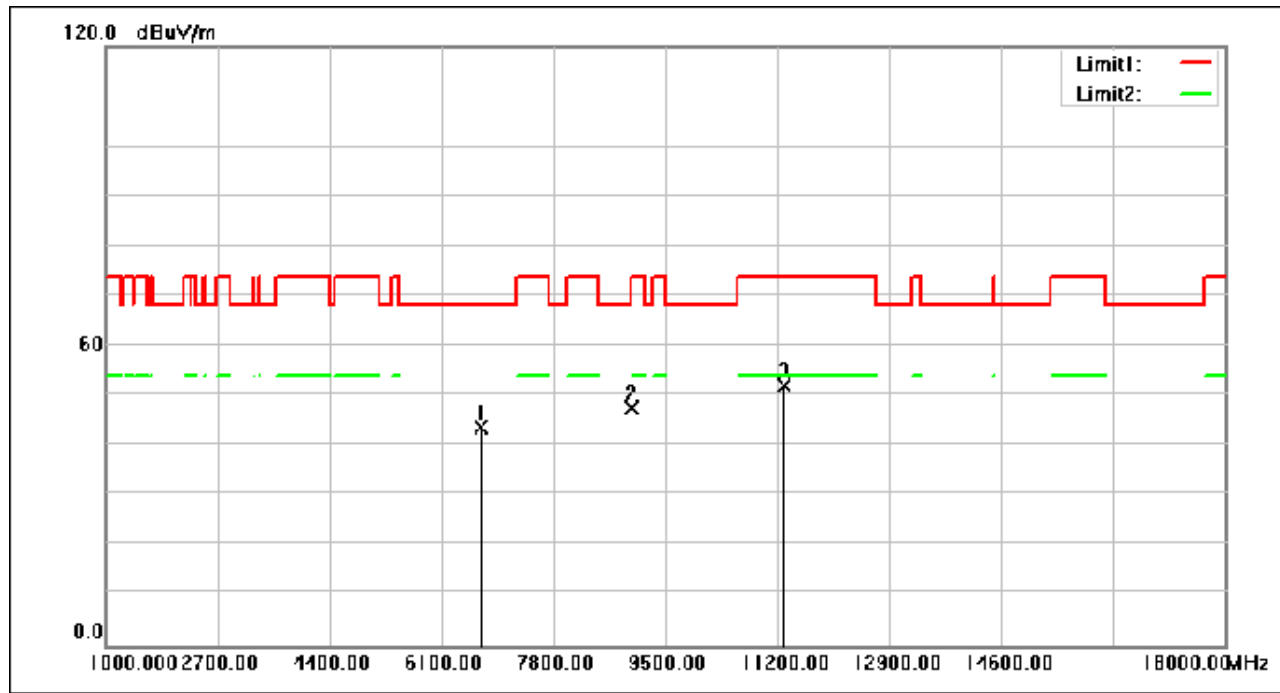
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6699.080	55.83	-12.18	43.65	68.30	-24.65	peak
2	9000.200	56.53	-8.90	47.63	74.00	-26.37	peak
3	11303.360	58.67	-6.52	52.15	74.00	-21.85	peak

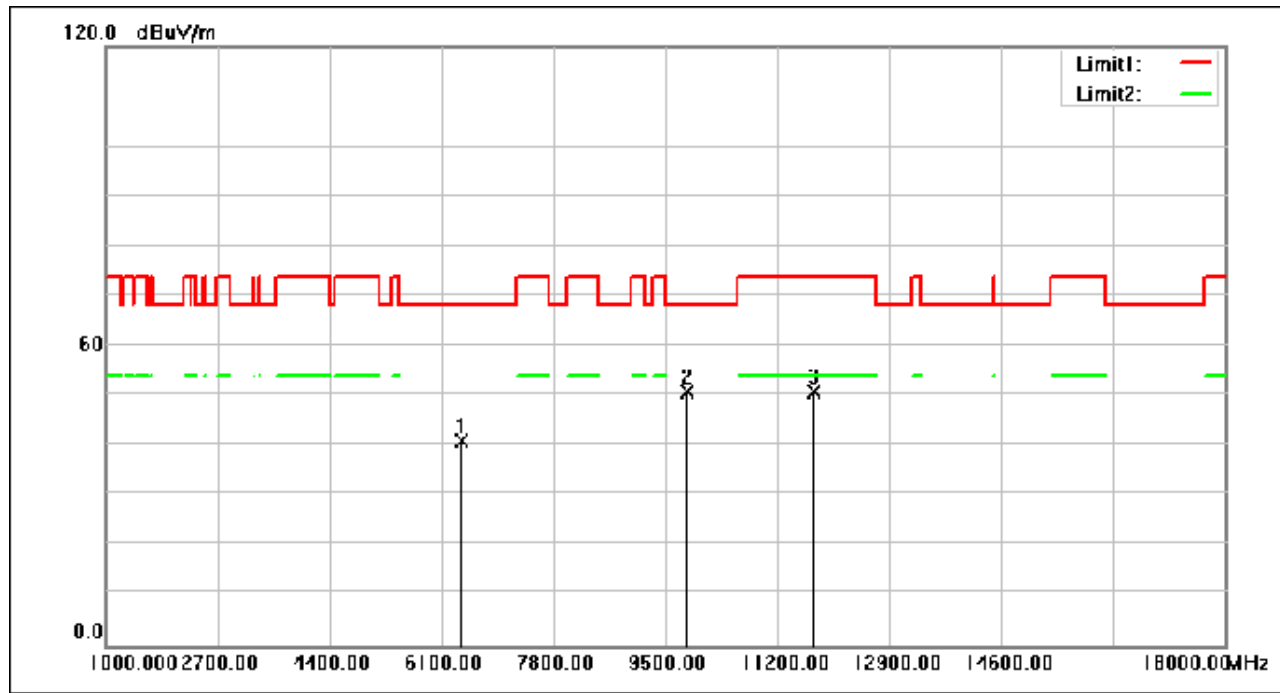
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6406.000	54.72	-13.71	41.01	68.30	-27.29	peak
2	9828.440	58.04	-7.33	50.71	68.30	-17.59	peak
3	11744.000	57.12	-6.17	50.95	74.00	-23.05	peak

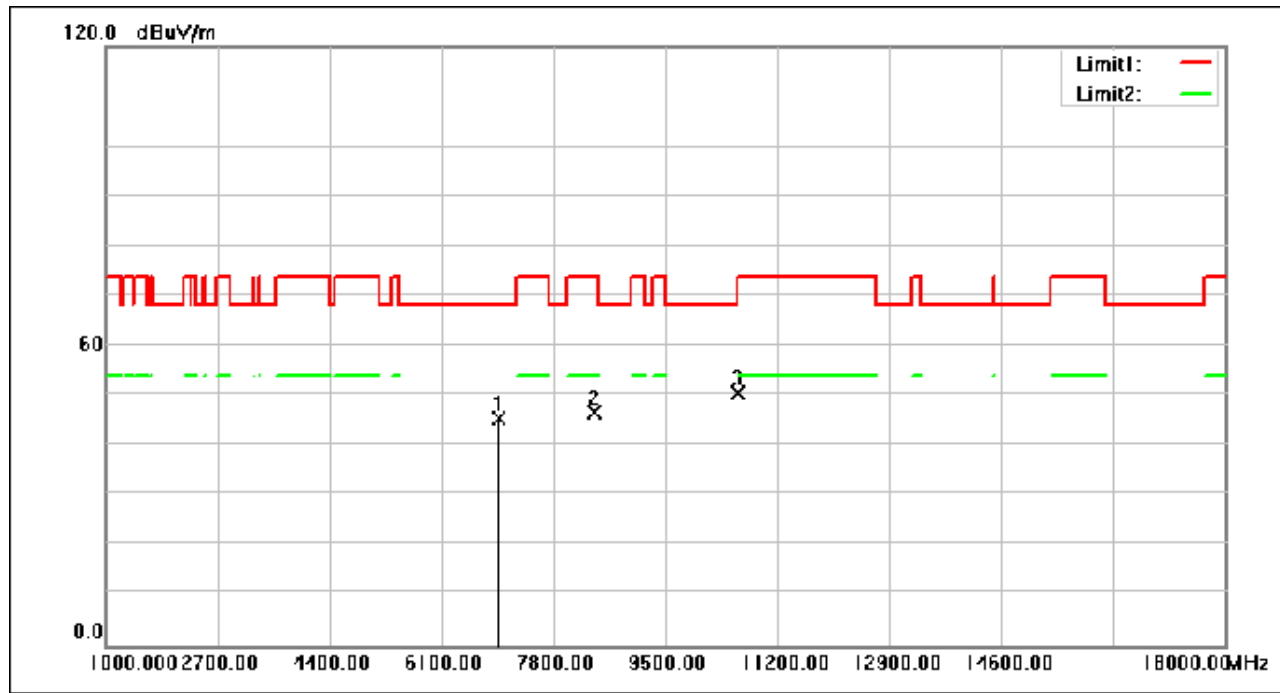
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6967.000	56.97	-11.63	45.34	68.30	-22.96	peak
2	8415.400	56.69	-9.90	46.79	74.00	-27.21	peak
3	10606.360	57.61	-6.98	50.63	74.00	-23.37	peak

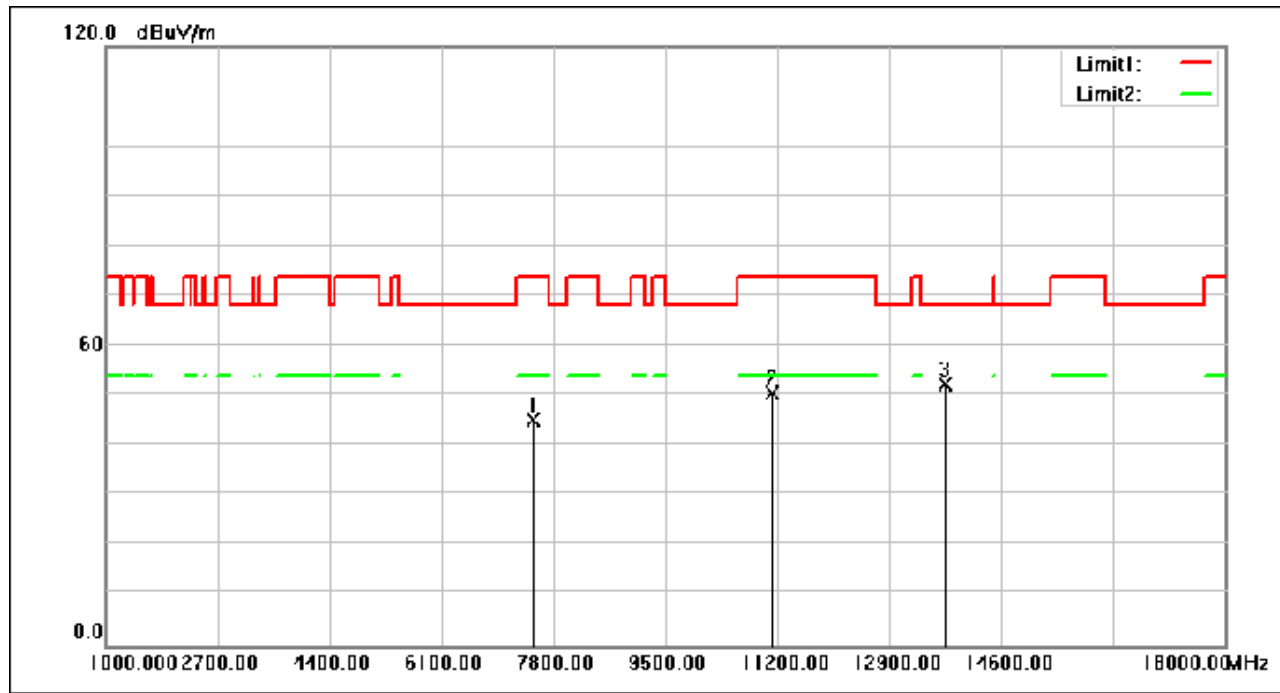
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7494.680	56.48	-11.27	45.21	74.00	-28.79	peak
2	11123.160	57.34	-6.67	50.67	74.00	-23.33	peak
3	13753.400	58.84	-6.38	52.46	68.30	-15.84	peak

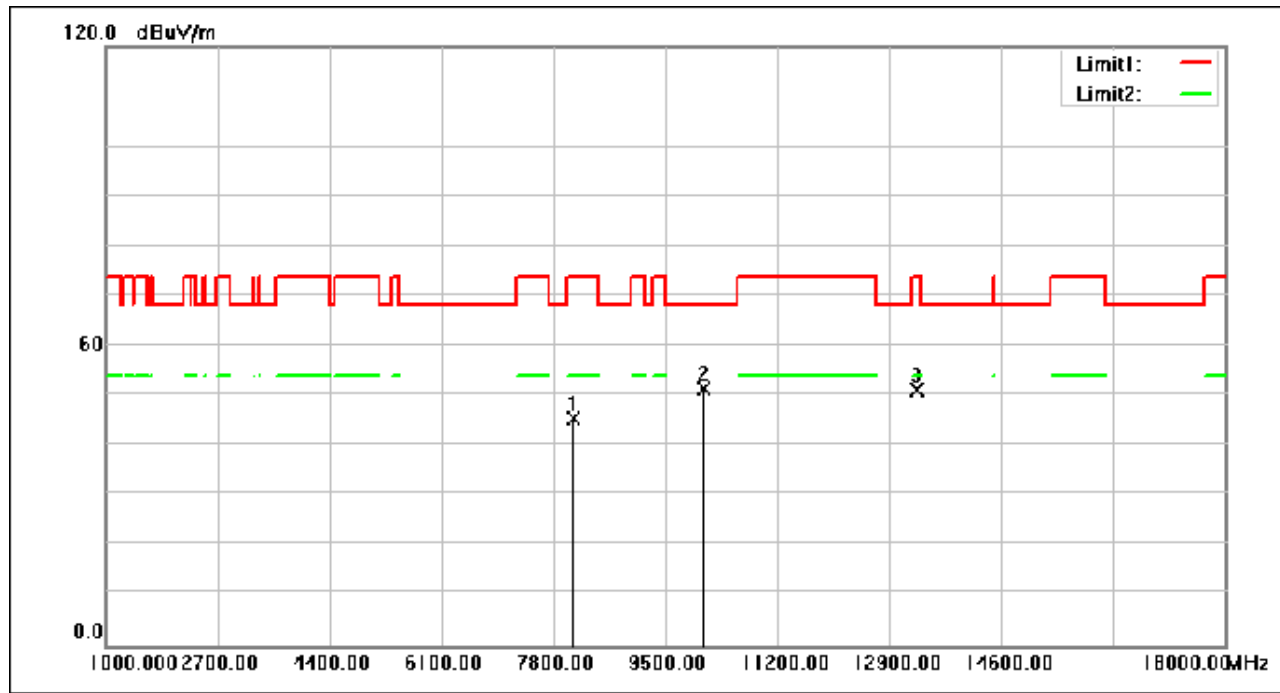
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8121.640	55.74	-10.38	45.36	74.00	-28.64	peak
2	10084.800	58.59	-7.28	51.31	68.30	-16.99	peak
3	13308.680	57.55	-6.30	51.25	74.00	-22.75	peak

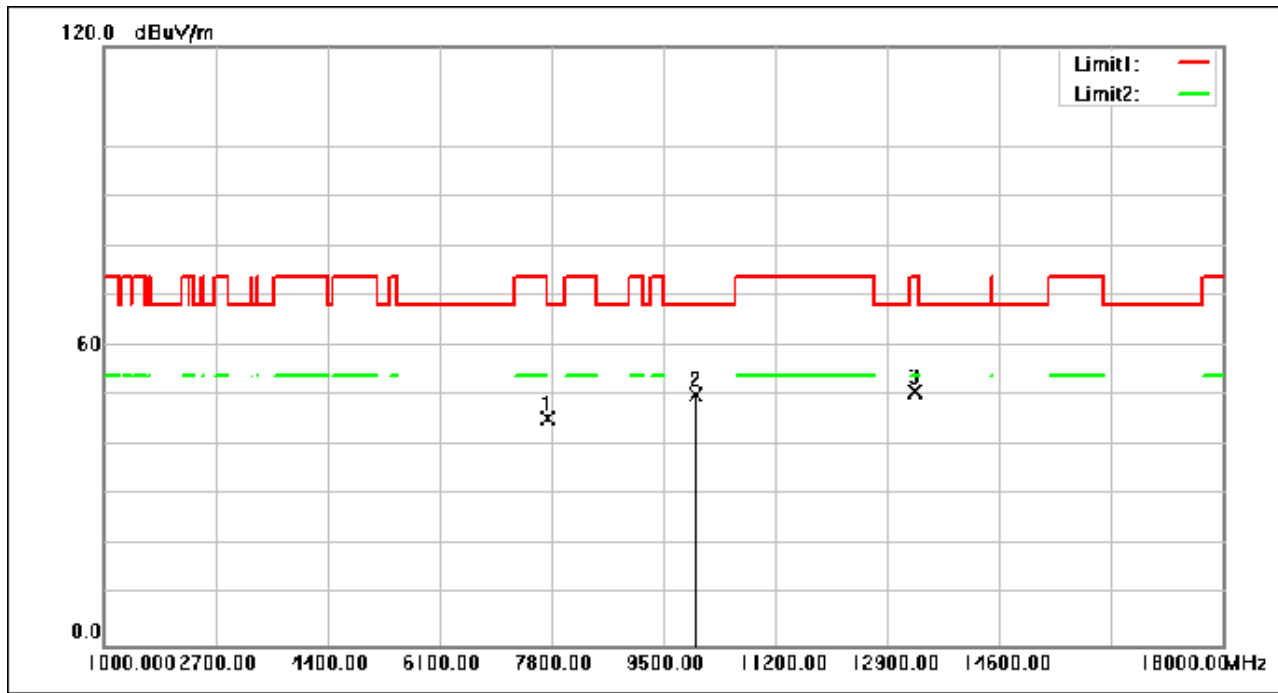
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7740.160	56.34	-10.95	45.39	74.00	-28.61	peak
2	9999.120	57.72	-7.33	50.39	68.30	-17.91	peak
3	13331.800	57.31	-6.31	51.00	74.00	-23.00	peak

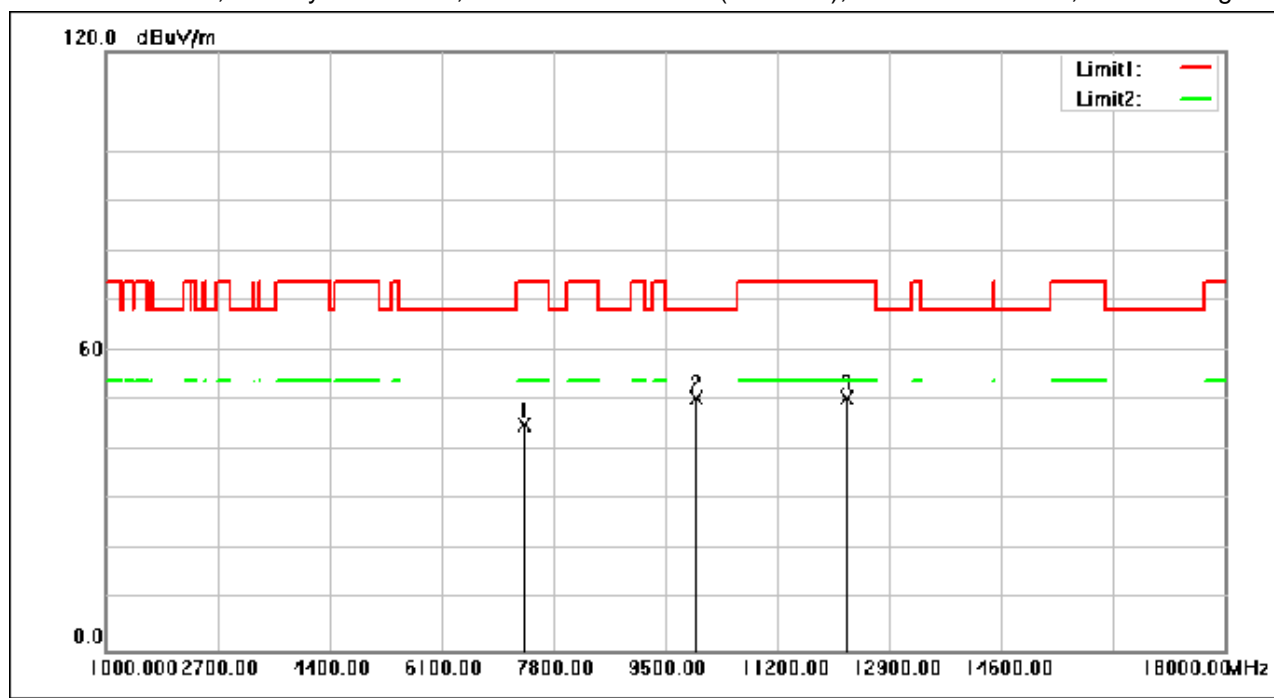
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7366.840	56.68	-11.40	45.28	74.00	-28.72	peak
2	9962.400	57.93	-7.32	50.61	68.30	-17.69	peak
3	12269.640	56.53	-6.01	50.52	74.00	-23.48	peak

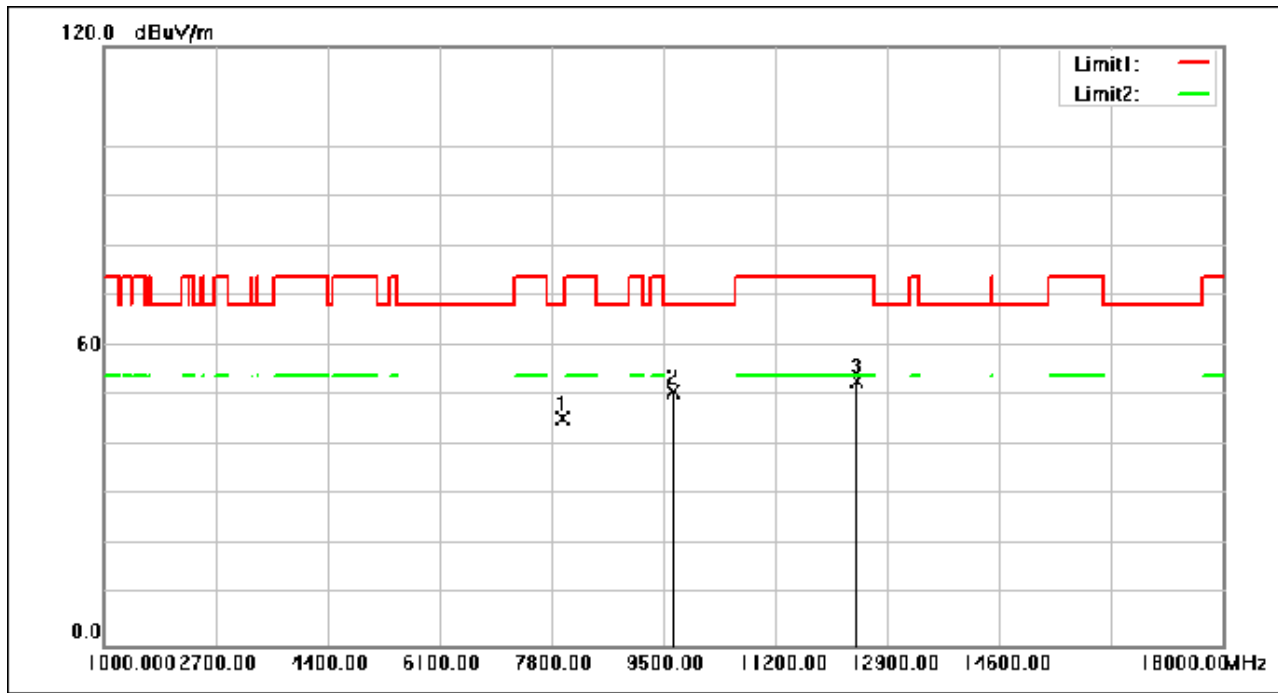
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7970.000	55.99	-10.64	45.35	68.30	-22.95	peak
2	9642.800	58.57	-7.68	50.89	68.30	-17.41	peak
3	12445.760	58.99	-6.09	52.90	74.00	-21.10	peak

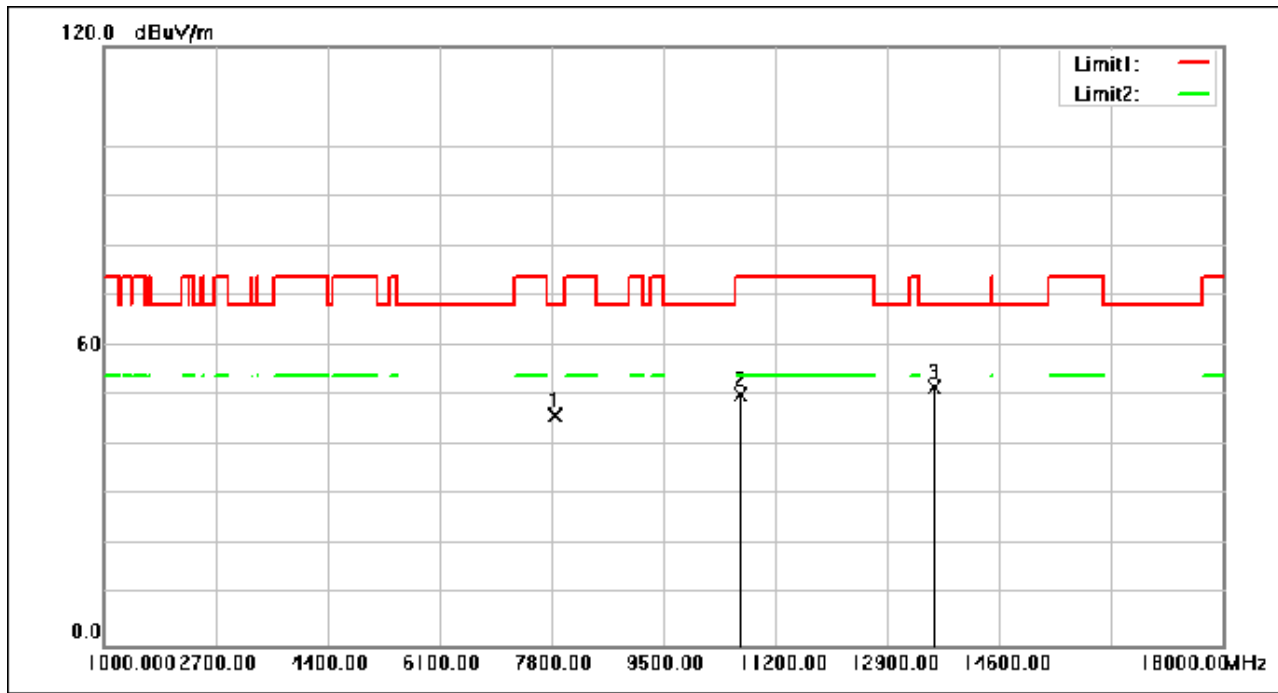
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7853.040	56.71	-10.79	45.92	68.30	-22.38	peak
2	10658.040	57.33	-6.95	50.38	74.00	-23.62	peak
3	13615.360	57.97	-6.36	51.61	68.30	-16.69	peak

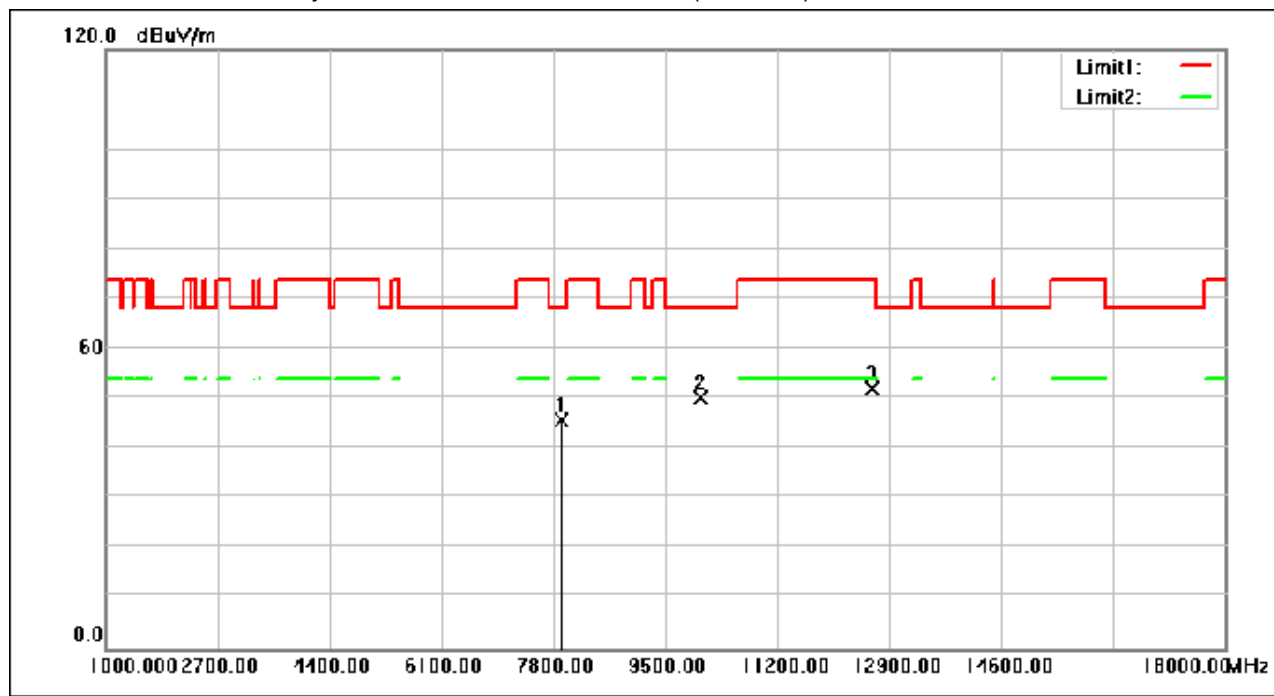
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7935.320	56.48	-10.69	45.79	68.30	-22.51	peak
2	10027.000	57.53	-7.31	50.22	68.30	-18.08	peak
3	12650.440	58.26	-6.19	52.07	74.00	-21.93	peak

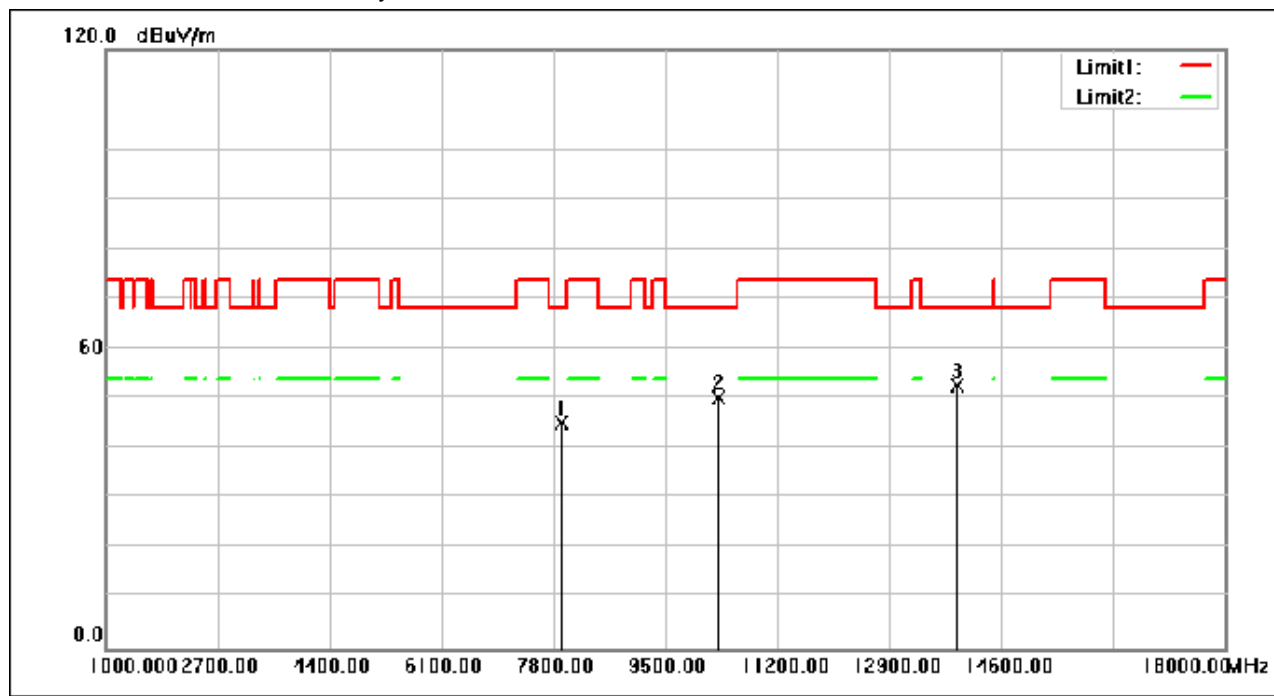
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7927.160	55.93	-10.70	45.23	68.30	-23.07	peak
2	10313.960	57.27	-7.15	50.12	68.30	-18.18	peak
3	13940.400	59.21	-6.42	52.79	68.30	-15.51	peak

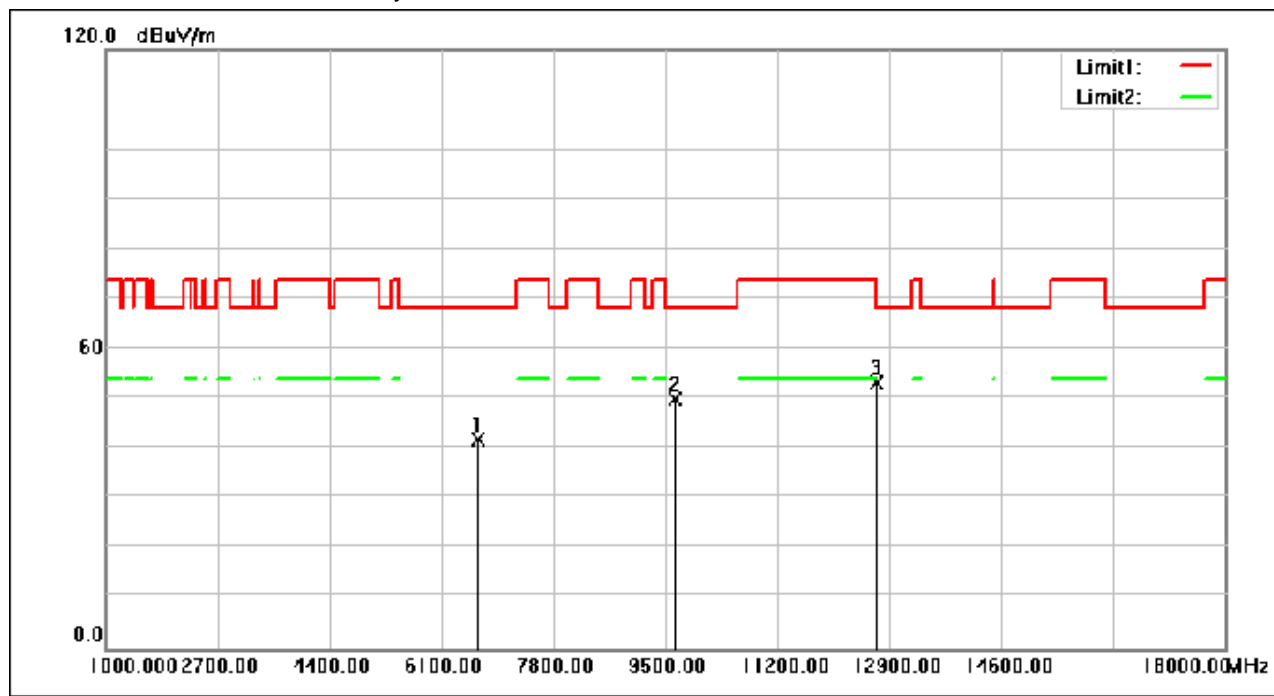
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6650.120	54.34	-12.44	41.90	68.30	-26.40	peak
2	9648.240	57.48	-7.67	49.81	68.30	-18.49	peak
3	12722.520	59.42	-6.21	53.21	68.30	-15.09	peak

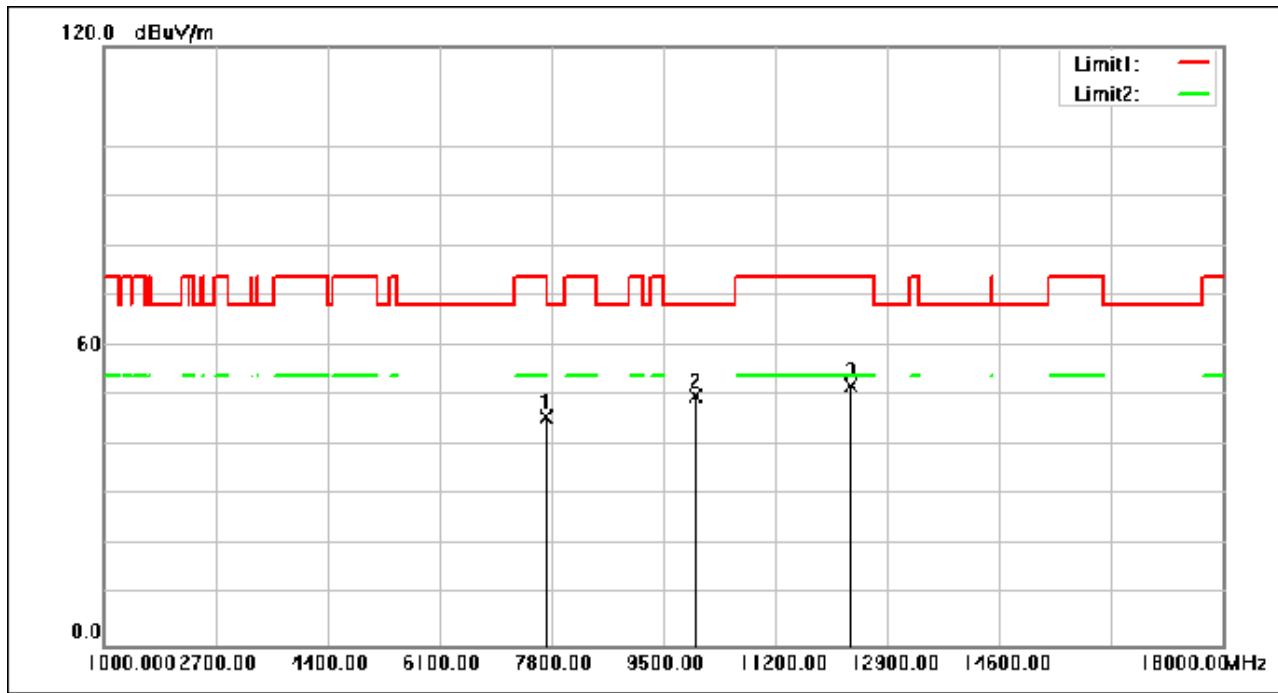
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7718.400	56.86	-10.97	45.89	74.00	-28.11	peak
2	9980.080	57.24	-7.33	49.91	68.30	-18.39	peak
3	12347.160	58.11	-6.04	52.07	74.00	-21.93	peak

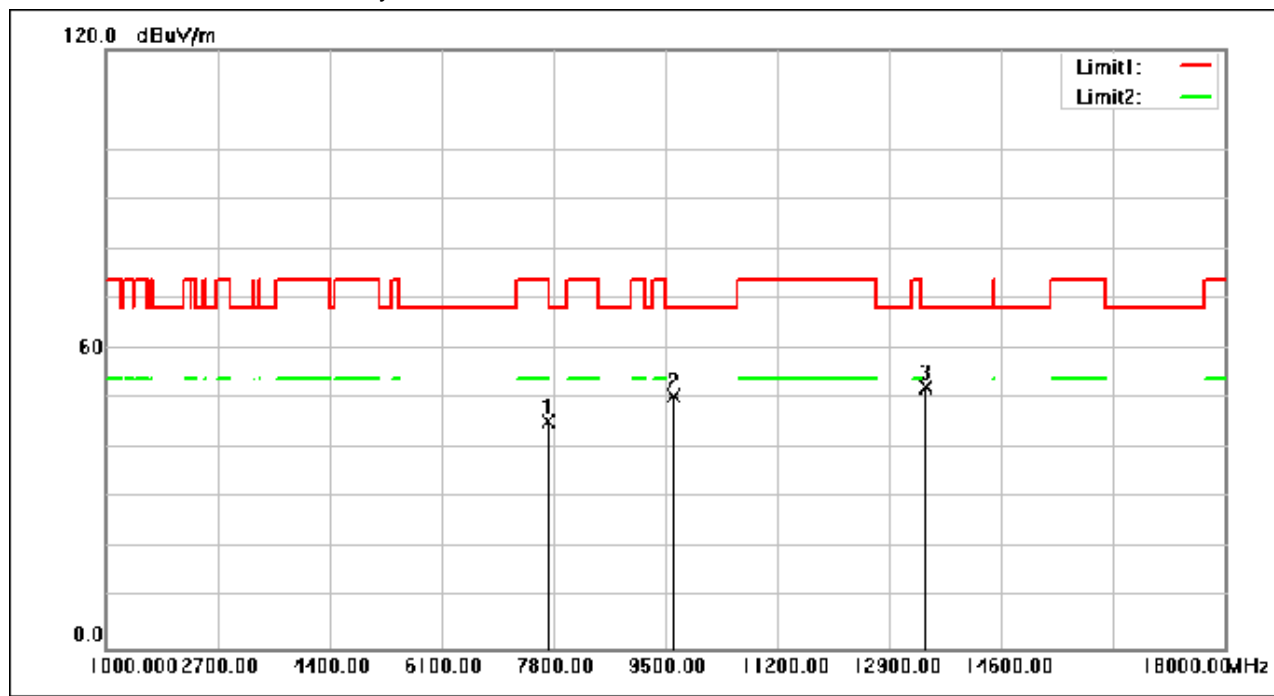
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7719.080	56.39	-10.97	45.42	74.00	-28.58	peak
2	9620.360	58.26	-7.72	50.54	68.30	-17.76	peak
3	13445.360	58.56	-6.33	52.23	68.30	-16.07	peak

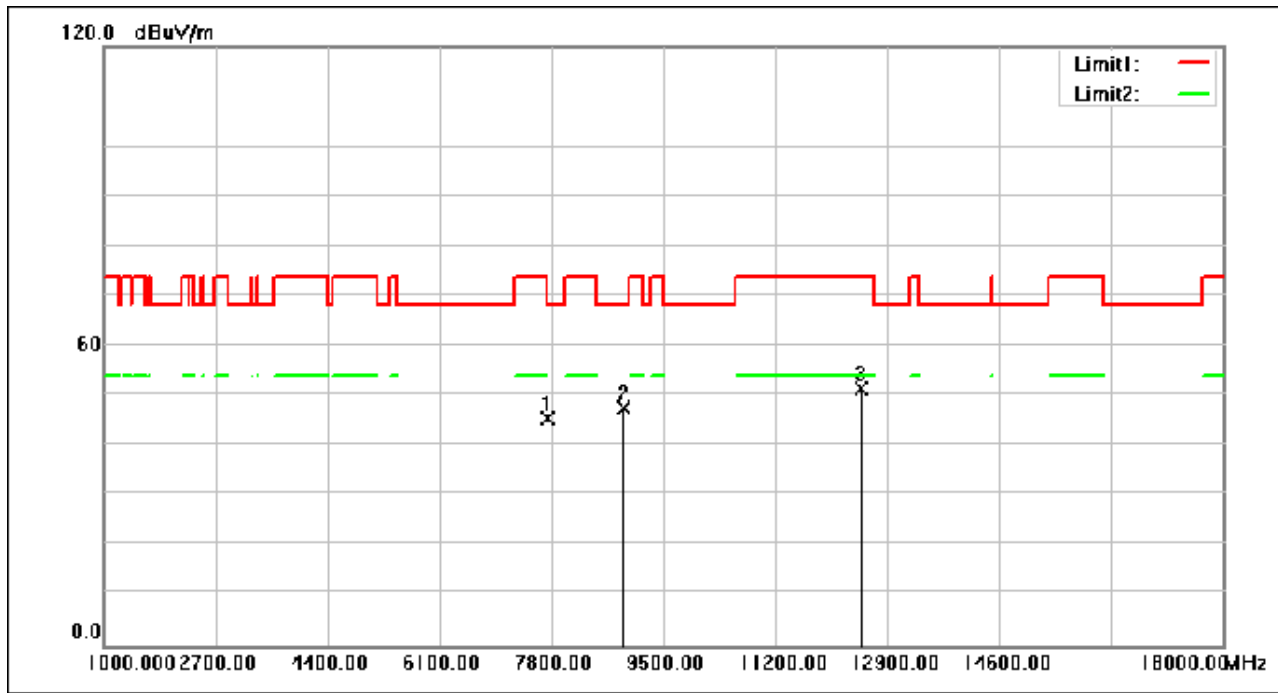
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7746.960	56.45	-10.93	45.52	74.00	-28.48	peak
2	8896.160	56.70	-9.10	47.60	68.30	-20.70	peak
3	12495.400	57.65	-6.11	51.54	74.00	-22.46	peak

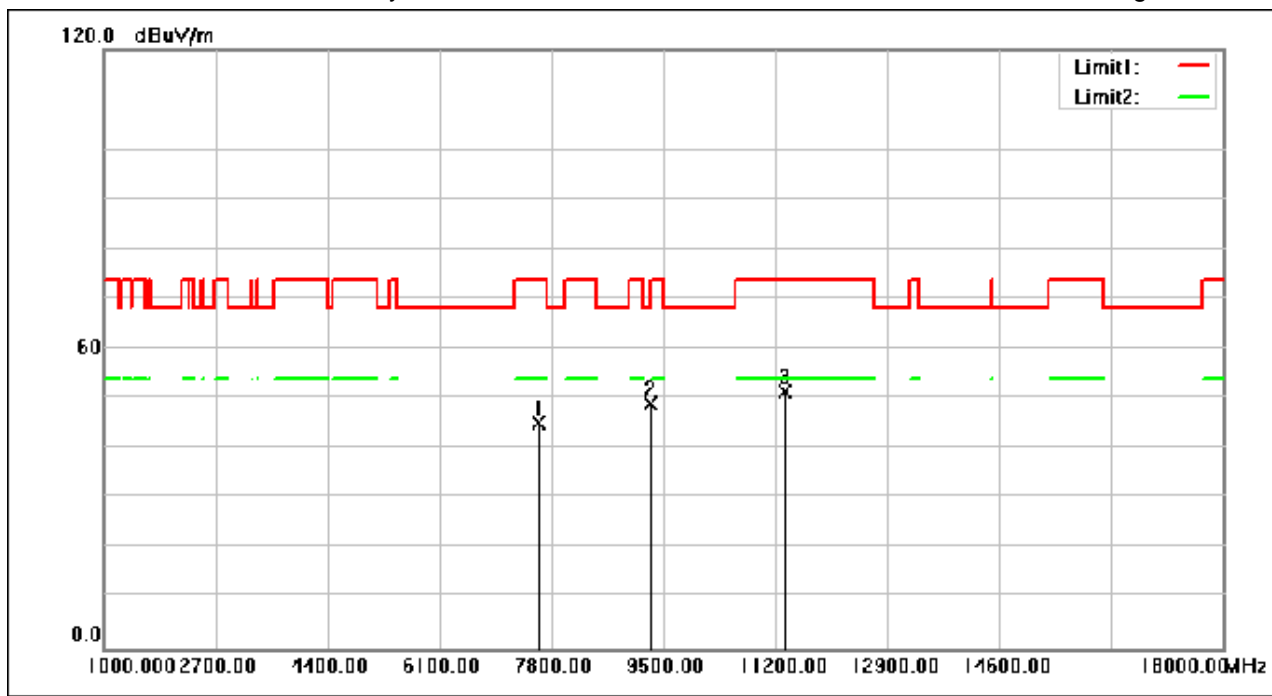
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7610.960	56.35	-11.11	45.24	74.00	-28.76	peak
2	9296.000	57.52	-8.34	49.18	68.30	-19.12	peak
3	11365.240	57.96	-6.46	51.50	74.00	-22.50	peak

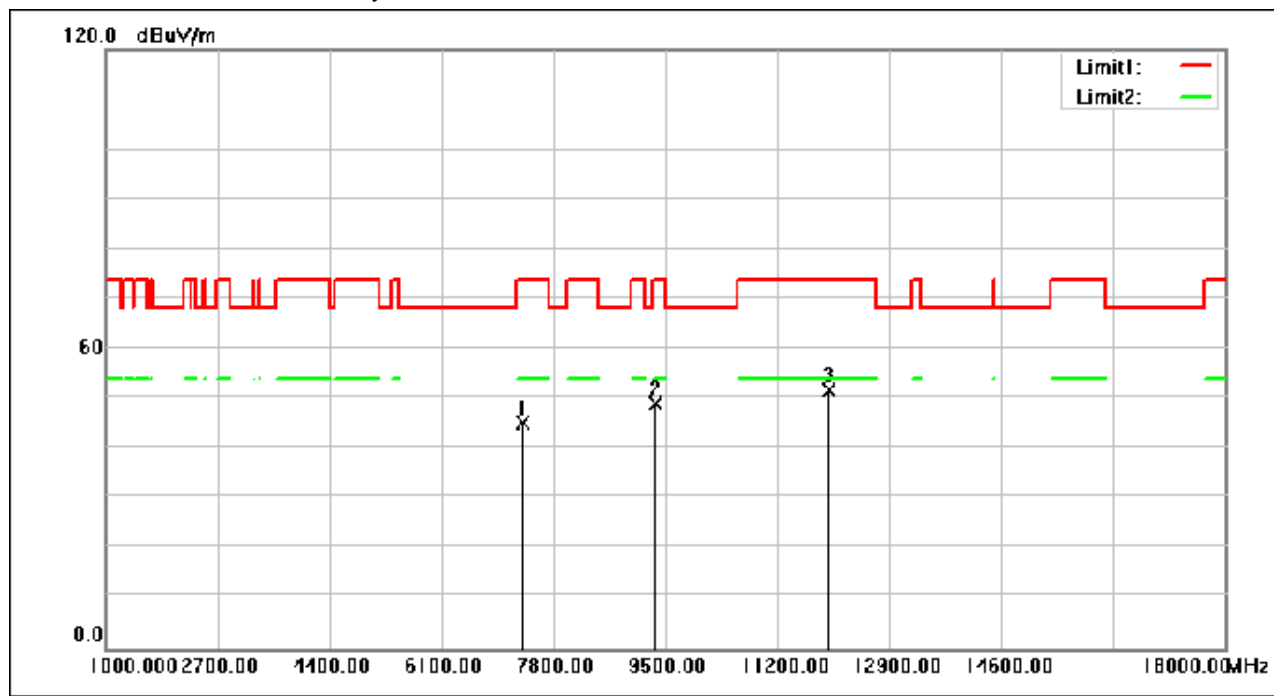
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7349.160	56.61	-11.41	45.20	74.00	-28.80	peak
2	9353.120	57.25	-8.24	49.01	74.00	-24.99	peak
3	11992.200	57.57	-5.90	51.67	74.00	-22.33	peak

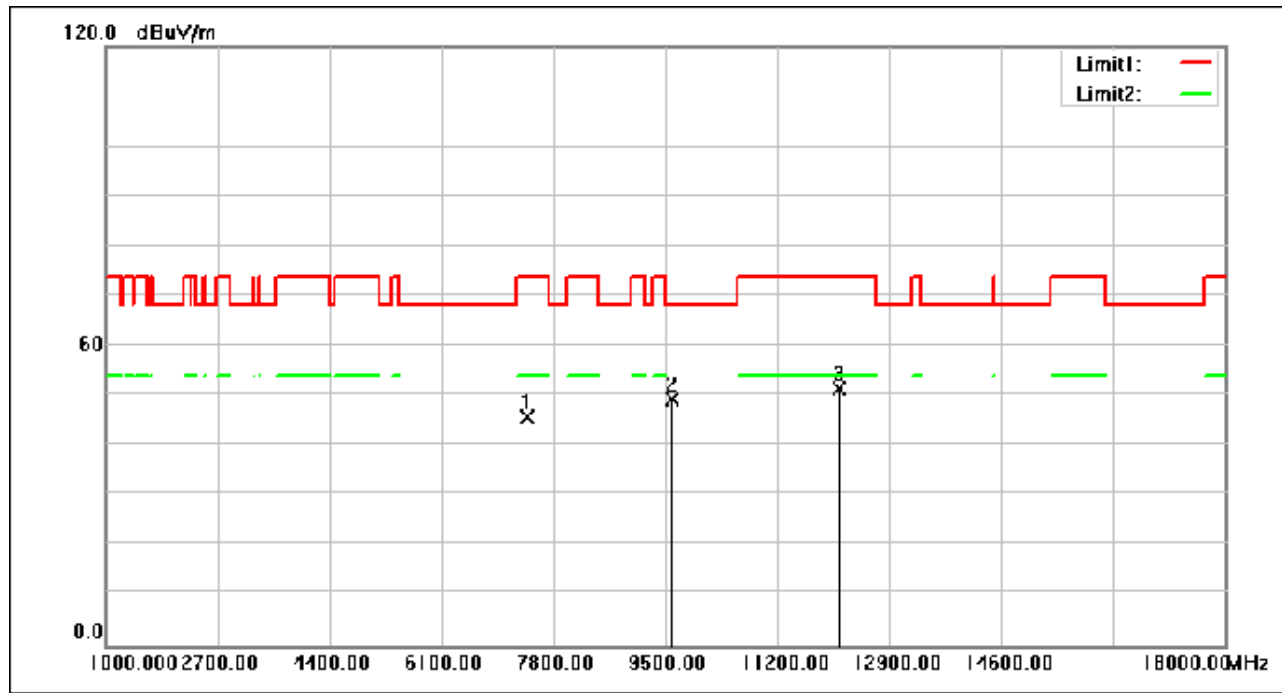
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7405.600	57.03	-11.38	45.65	74.00	-28.35	peak
2	9606.760	57.23	-7.75	49.48	68.30	-18.82	peak
3	12146.560	57.43	-5.95	51.48	74.00	-22.52	peak

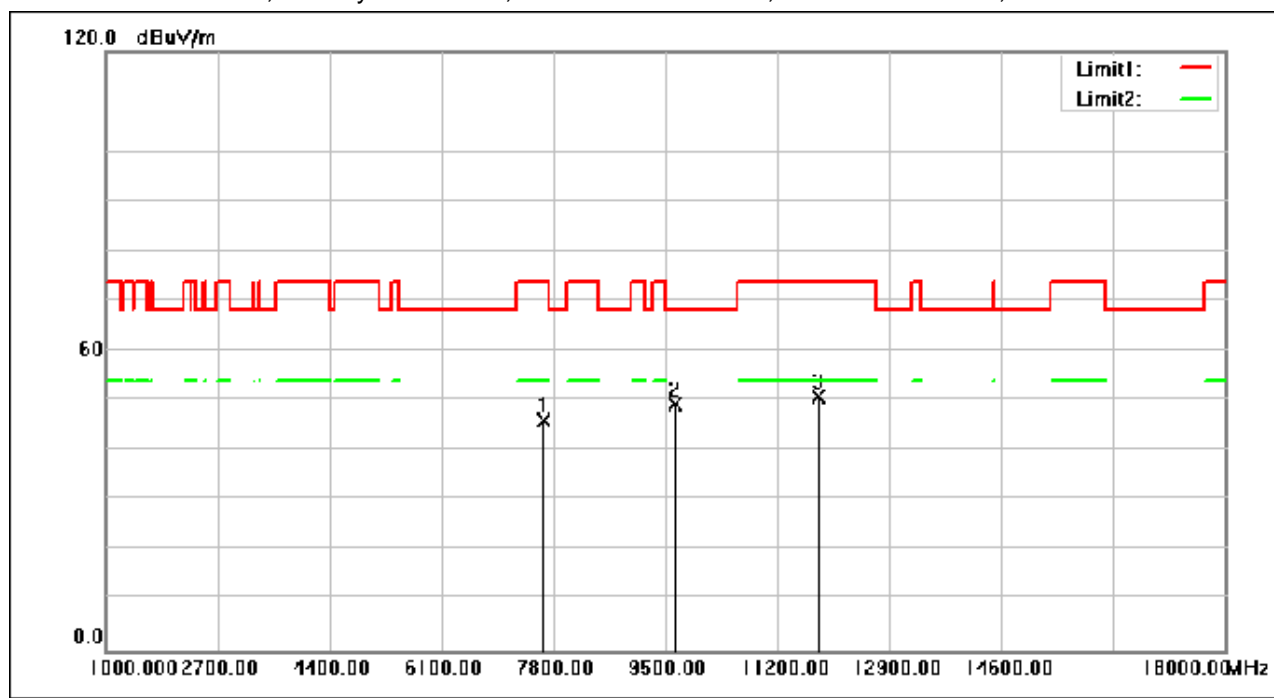
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7648.360	57.05	-11.06	45.99	74.00	-28.01	peak
2	9637.360	56.99	-7.69	49.30	68.30	-19.00	peak
3	11827.640	57.05	-6.09	50.96	74.00	-23.04	peak

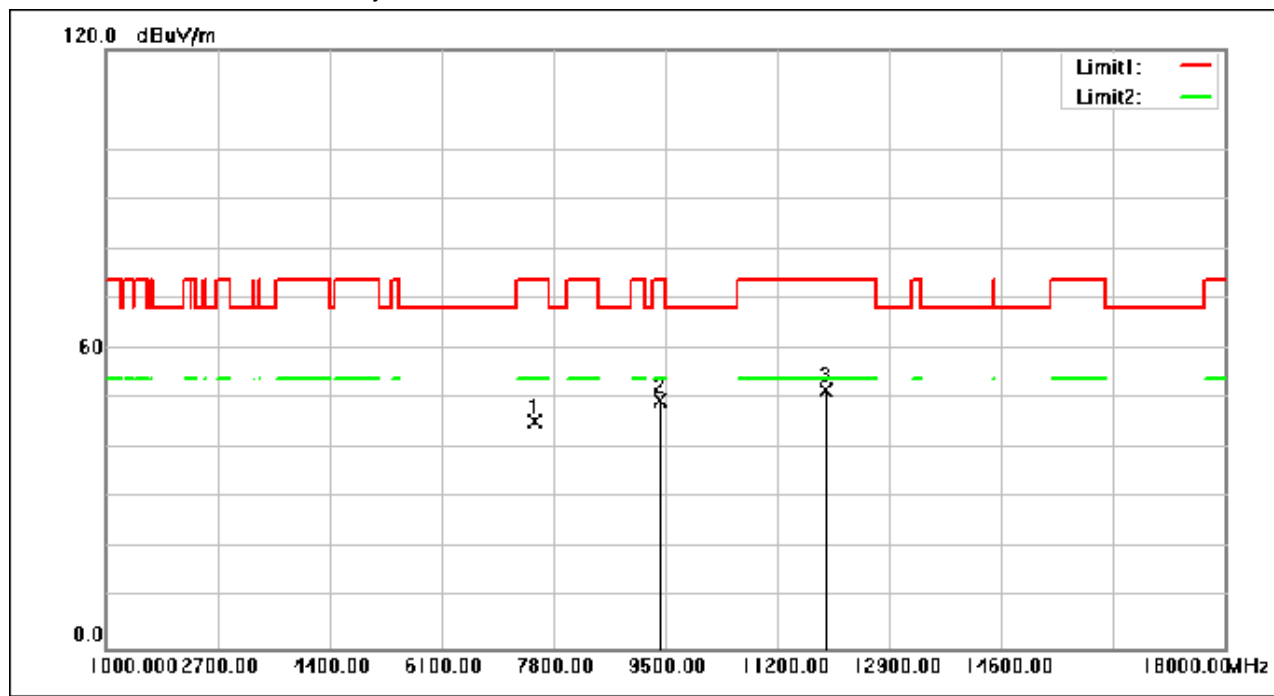
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7516.440	56.54	-11.23	45.31	74.00	-28.69	peak
2	9428.600	57.61	-8.09	49.52	74.00	-24.48	peak
3	11940.520	57.62	-5.99	51.63	74.00	-22.37	peak

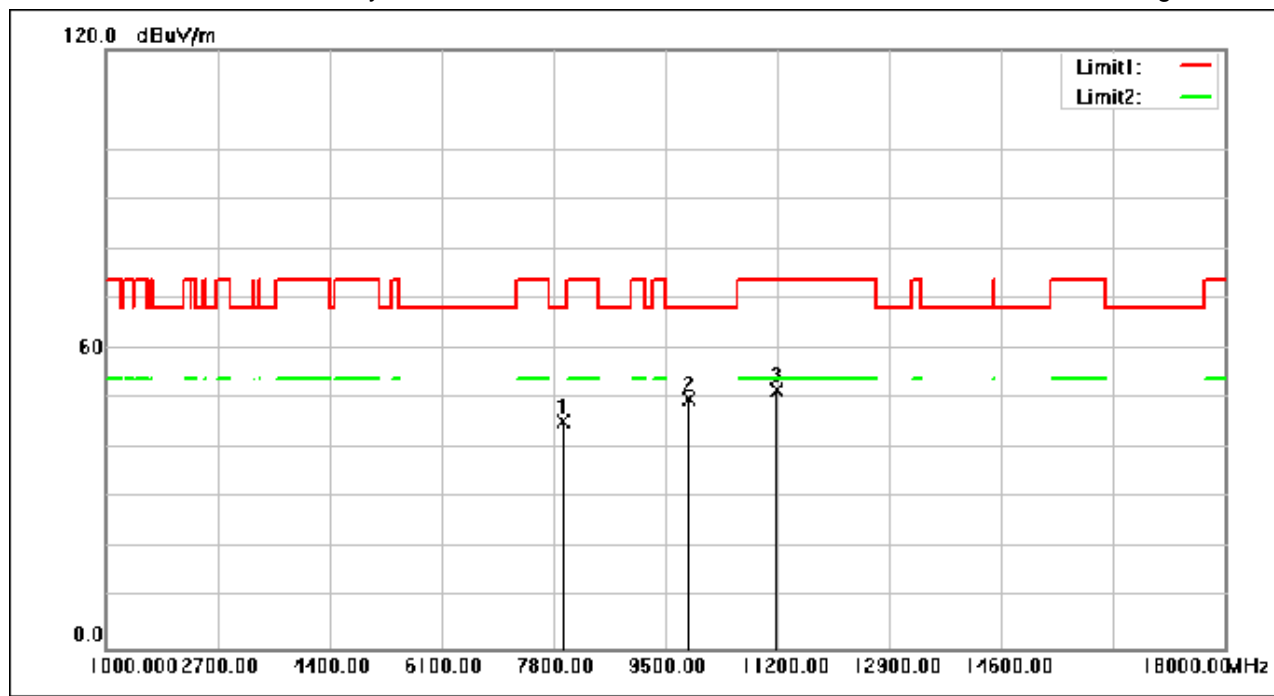
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7950.960	56.03	-10.67	45.36	68.30	-22.94	peak
2	9848.160	57.20	-7.29	49.91	68.30	-18.39	peak
3	11195.240	58.25	-6.60	51.65	74.00	-22.35	peak

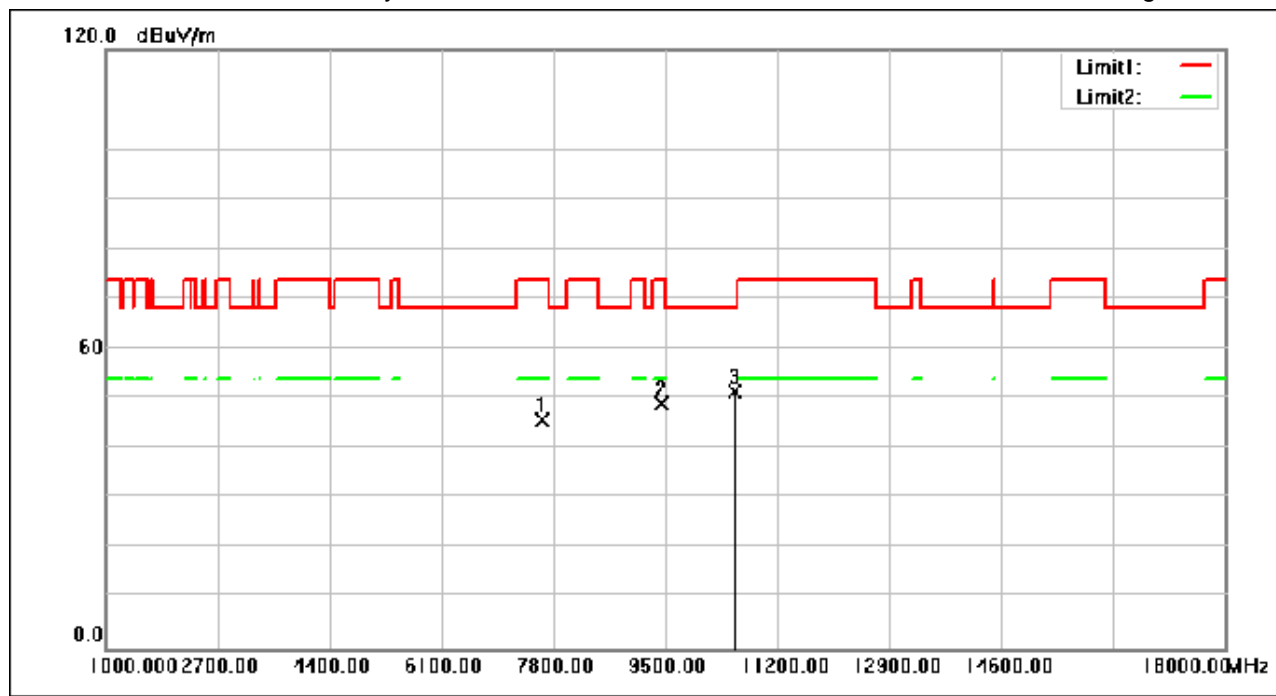
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7641.560	56.69	-11.07	45.62	74.00	-28.38	peak
2	9435.400	57.25	-8.07	49.18	74.00	-24.82	peak
3	10563.520	58.35	-7.01	51.34	68.30	-16.96	peak

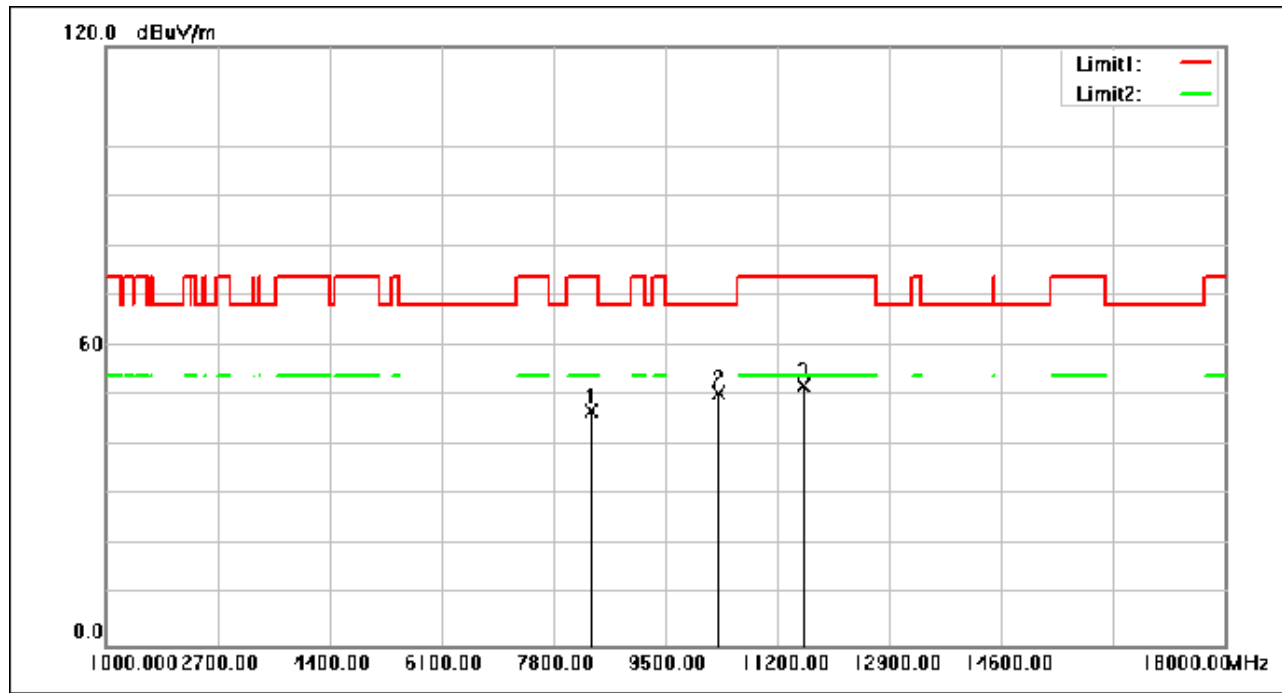
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8387.520	56.90	-9.94	46.96	74.00	-27.04	peak
2	10303.760	57.63	-7.16	50.47	68.30	-17.83	peak
3	11601.200	58.44	-6.28	52.16	74.00	-21.84	peak

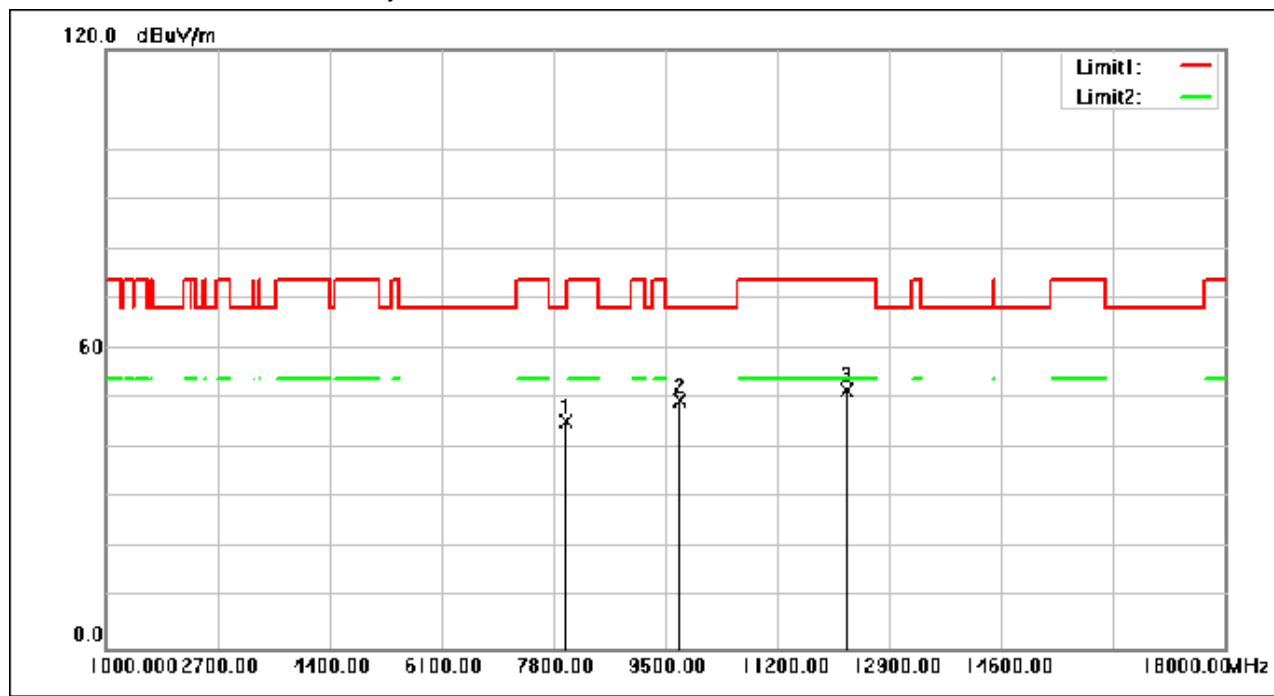
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7999.920	56.18	-10.60	45.58	68.30	-22.72	peak
2	9730.520	57.22	-7.52	49.70	68.30	-18.60	peak
3	12260.800	57.65	-6.01	51.64	74.00	-22.36	peak

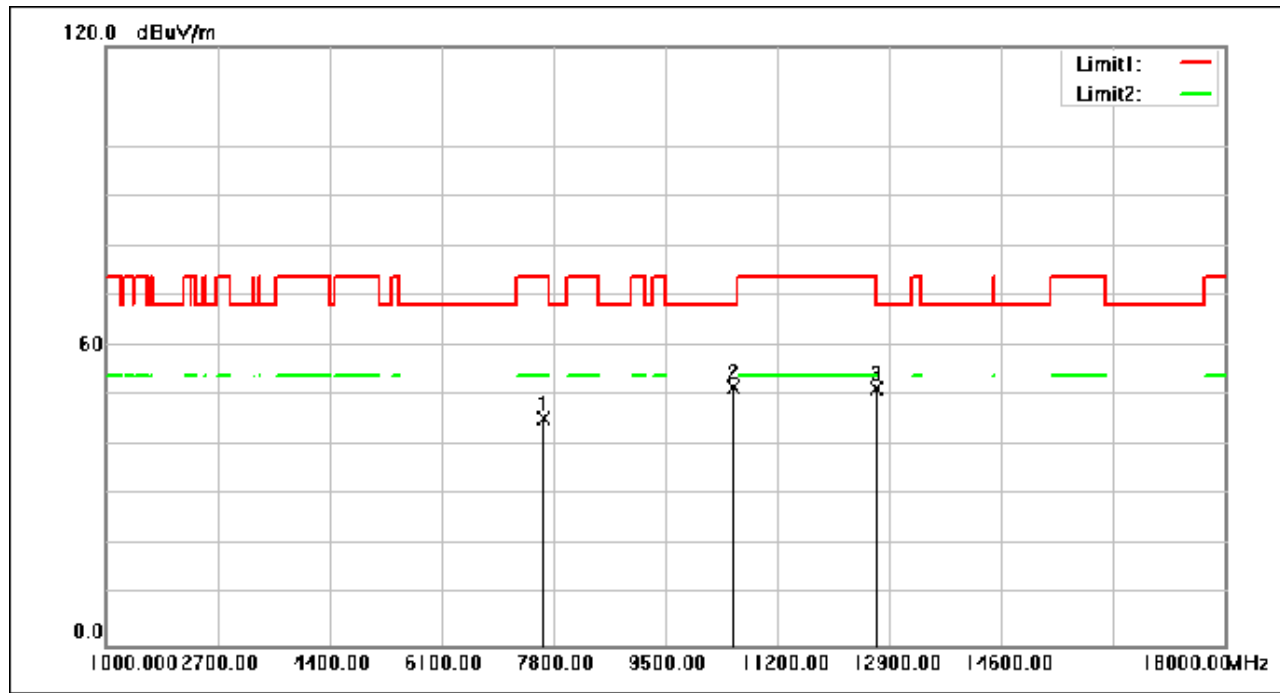
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7652.440	56.51	-11.06	45.45	74.00	-28.55	peak
2	10520.000	58.72	-7.03	51.69	68.30	-16.61	peak
3	12698.720	57.68	-6.21	51.47	74.00	-22.53	peak

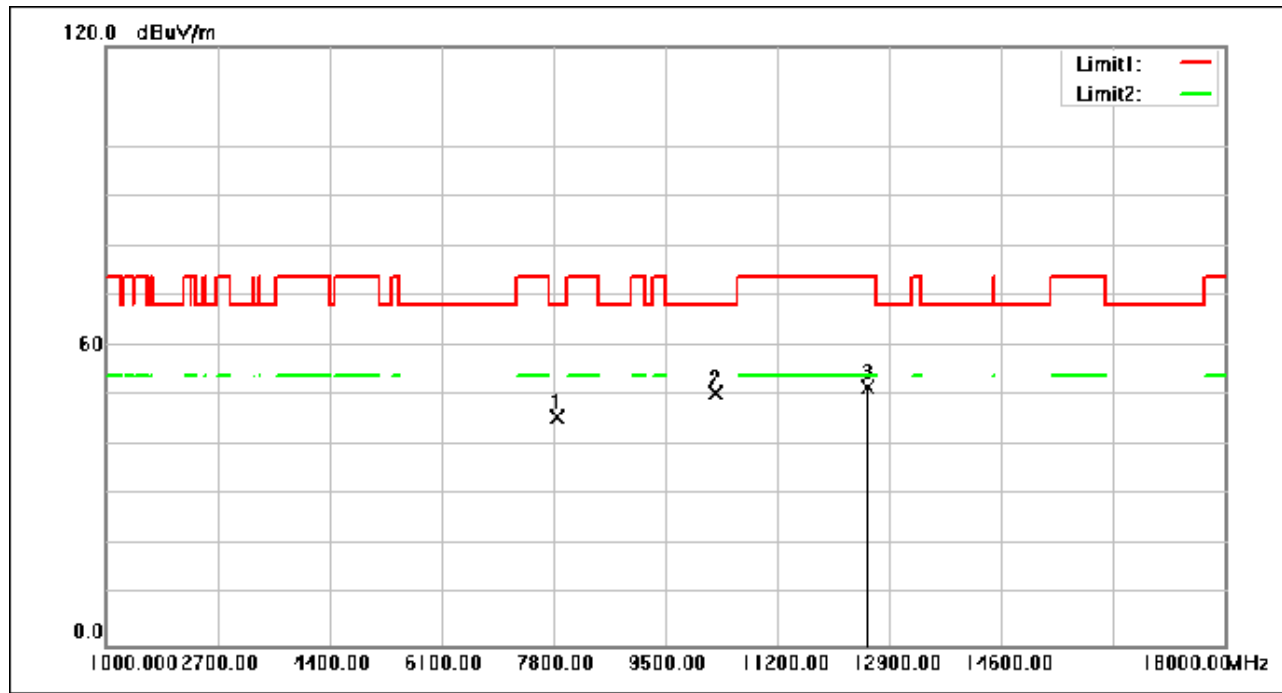
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7865.960	56.38	-10.77	45.61	68.30	-22.69	peak
2	10273.160	57.62	-7.17	50.45	68.30	-17.85	peak
3	12570.880	57.85	-6.15	51.70	74.00	-22.30	peak

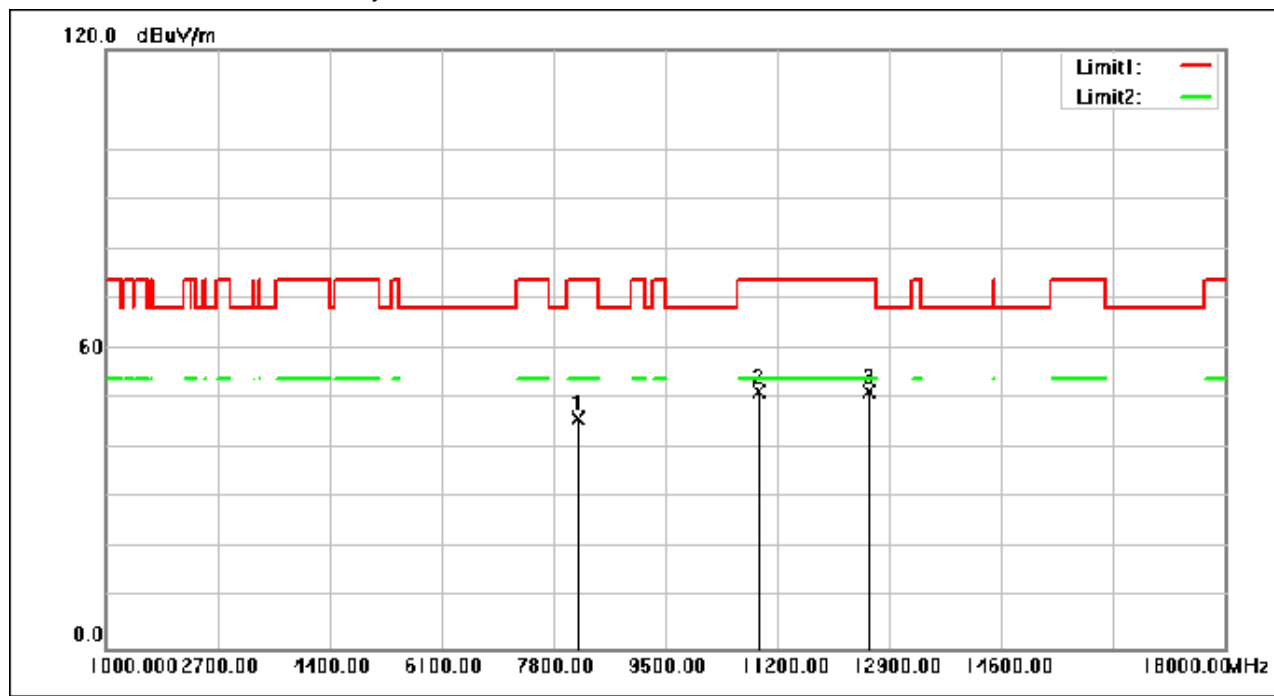
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8180.120	56.31	-10.29	46.02	74.00	-27.98	peak
2	10917.120	58.23	-6.81	51.42	74.00	-22.58	peak
3	12598.080	57.54	-6.16	51.38	74.00	-22.62	peak

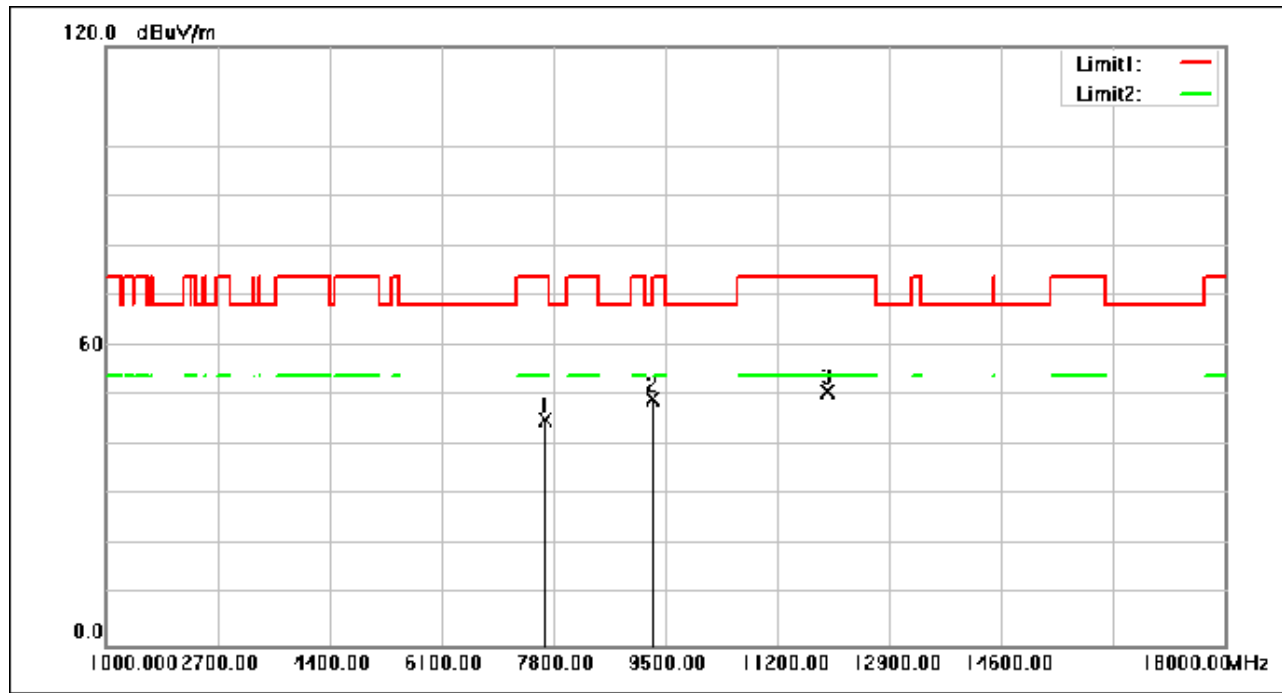
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7667.400	56.06	-11.04	45.02	74.00	-28.98	peak
2	9325.920	57.61	-8.28	49.33	74.00	-24.67	peak
3	11961.600	56.86	-5.95	50.91	74.00	-23.09	peak

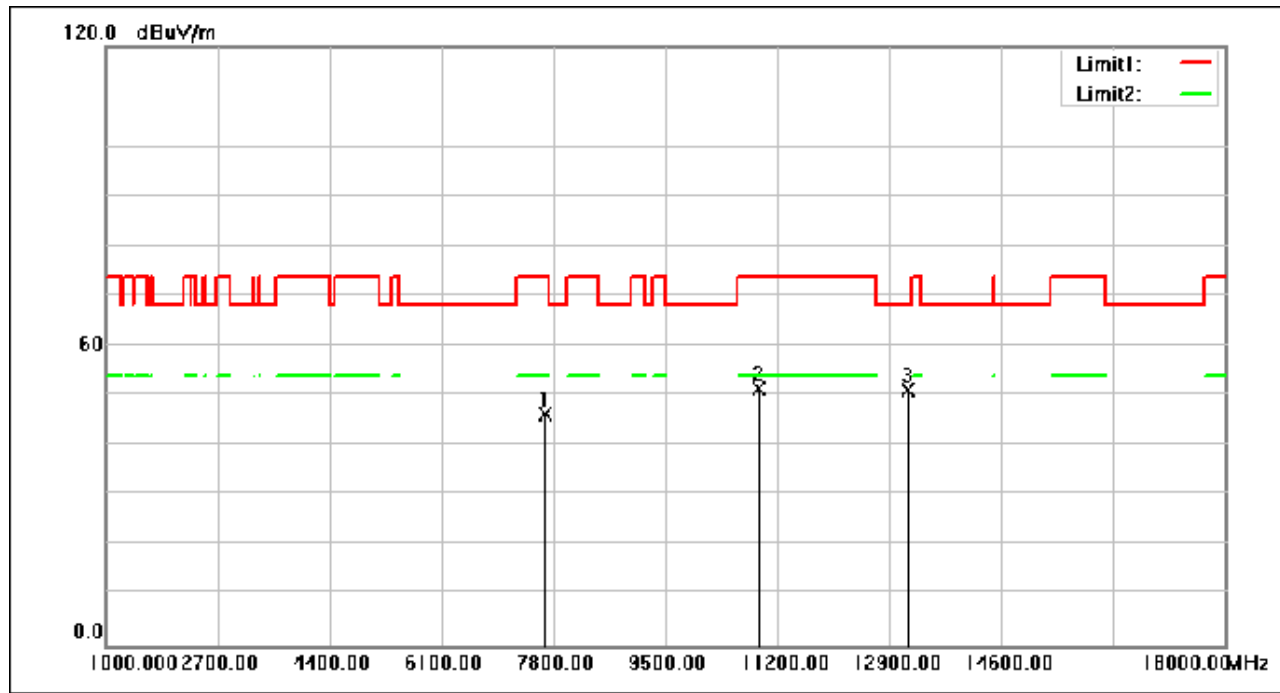
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7674.200	57.33	-11.02	46.31	74.00	-27.69	peak
2	10917.120	58.22	-6.81	51.41	74.00	-22.59	peak
3	13191.720	57.37	-6.28	51.09	68.30	-17.21	peak

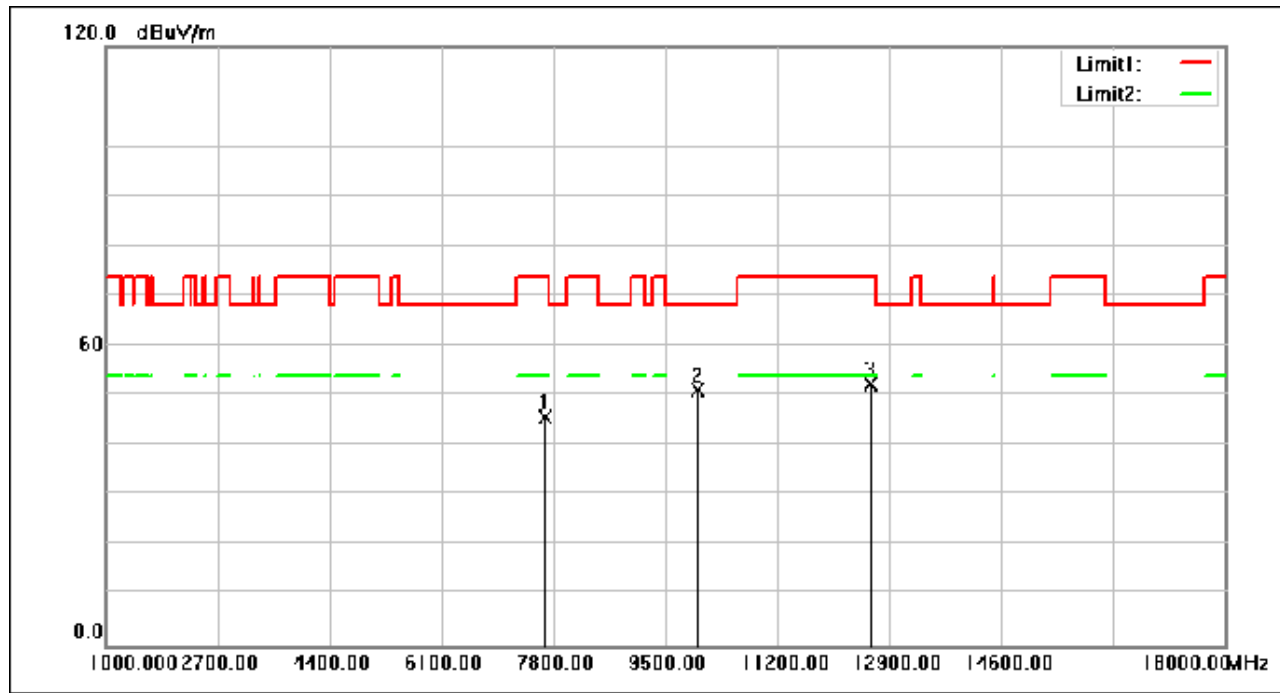
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 04; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7673.520	56.73	-11.03	45.70	74.00	-28.30	peak
2	9995.040	58.48	-7.33	51.15	68.30	-17.15	peak
3	12623.920	58.54	-6.17	52.37	74.00	-21.63	peak

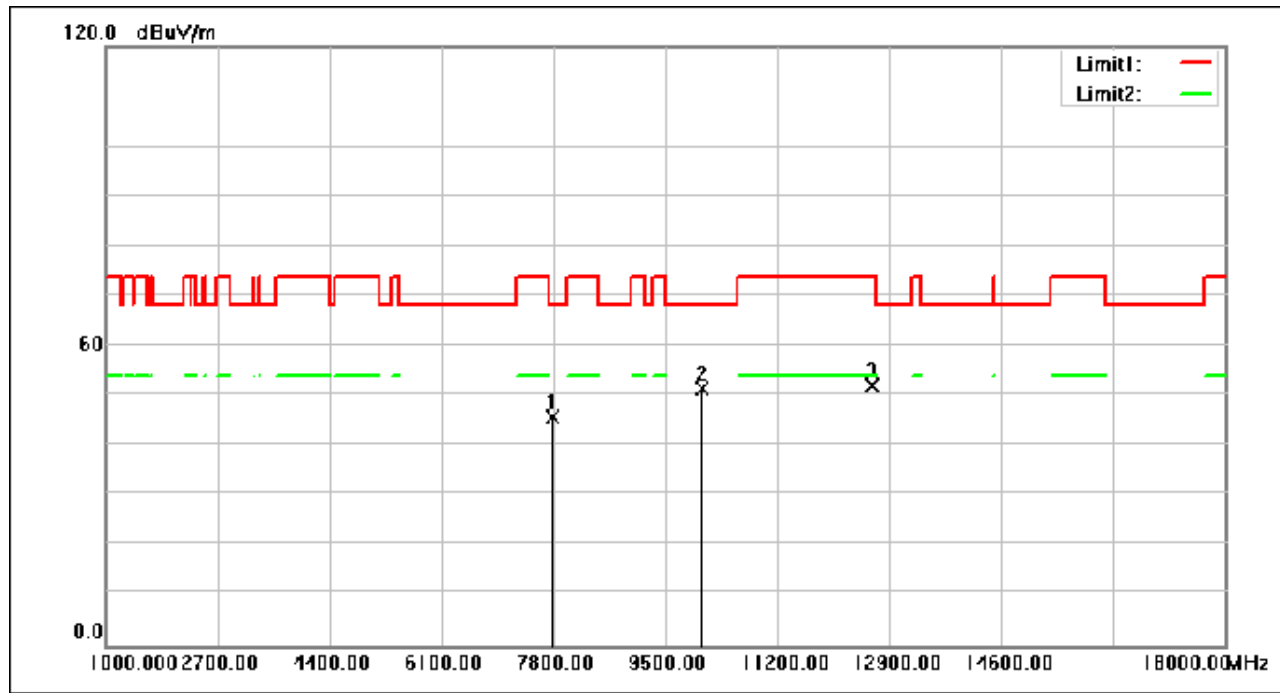
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7793.200	56.50	-10.87	45.63	68.30	-22.67	peak
2	10053.520	58.73	-7.29	51.44	68.30	-16.86	peak
3	12653.840	58.24	-6.18	52.06	74.00	-21.94	peak

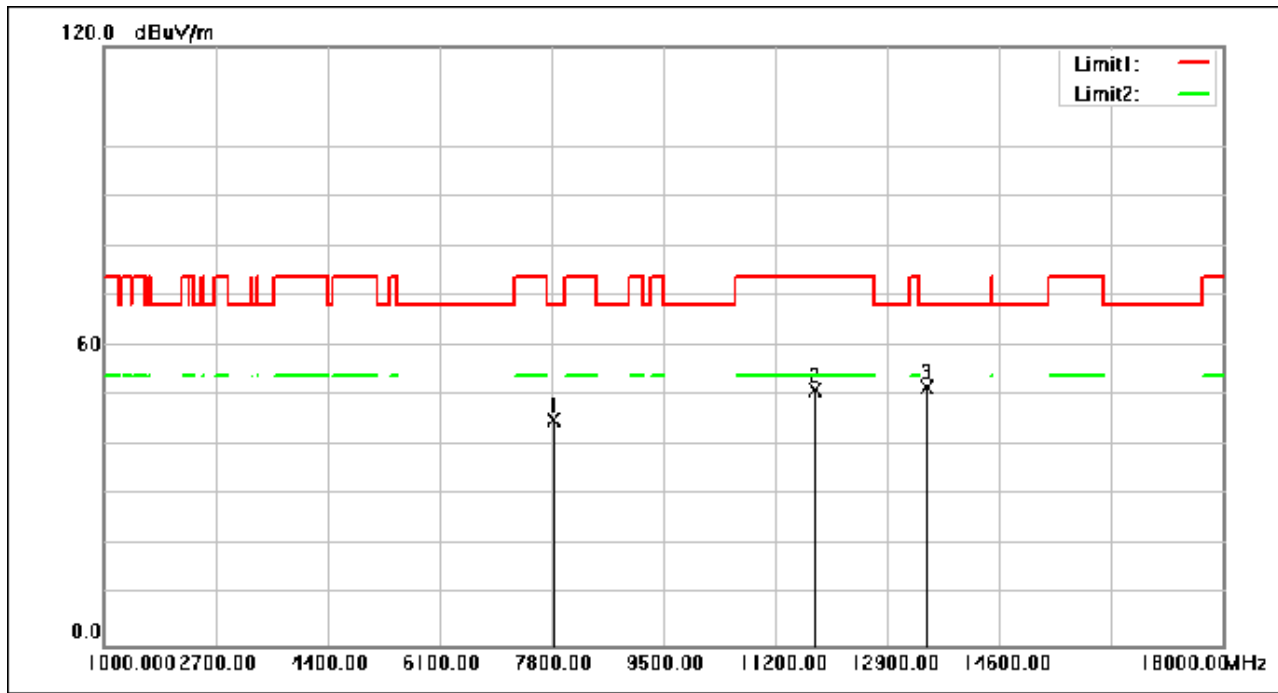
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7834.680	55.96	-10.82	45.14	68.30	-23.16	peak
2	11797.720	57.31	-6.12	51.19	74.00	-22.81	peak
3	13497.720	58.10	-6.34	51.76	68.30	-16.54	peak

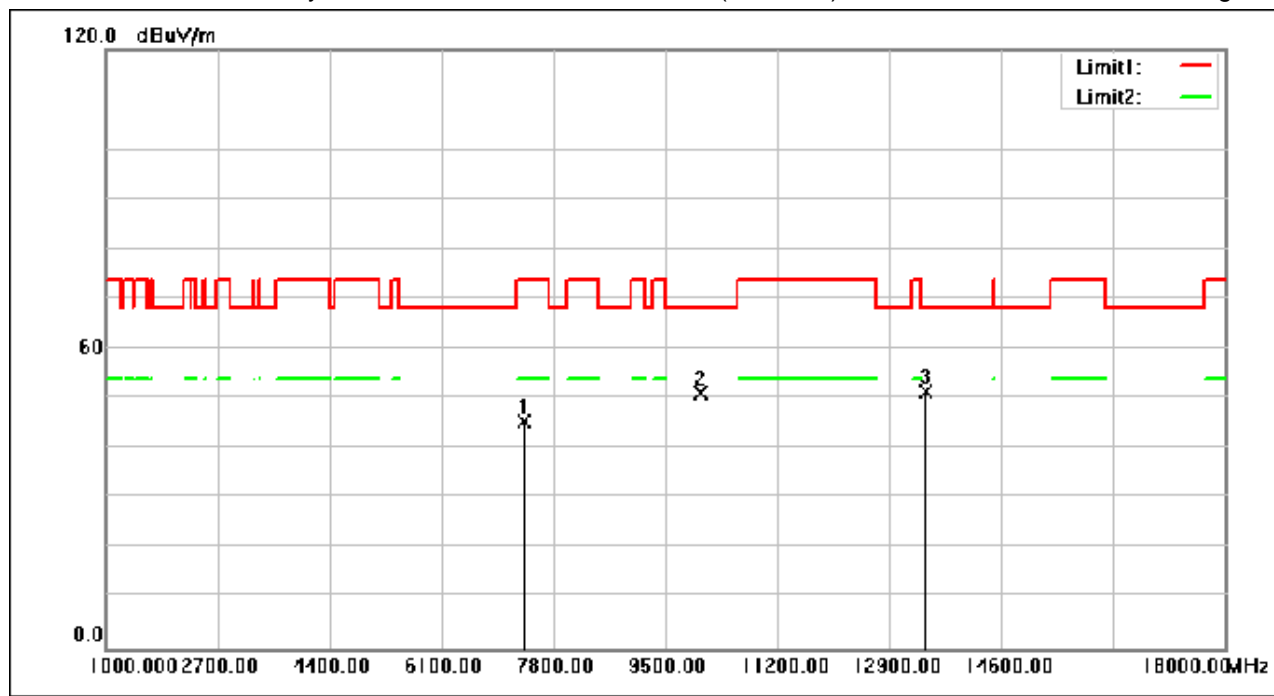
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7370.240	56.80	-11.40	45.40	74.00	-28.60	peak
2	10043.320	58.40	-7.30	51.10	68.30	-17.20	peak
3	13460.320	57.65	-6.33	51.32	68.30	-16.98	peak

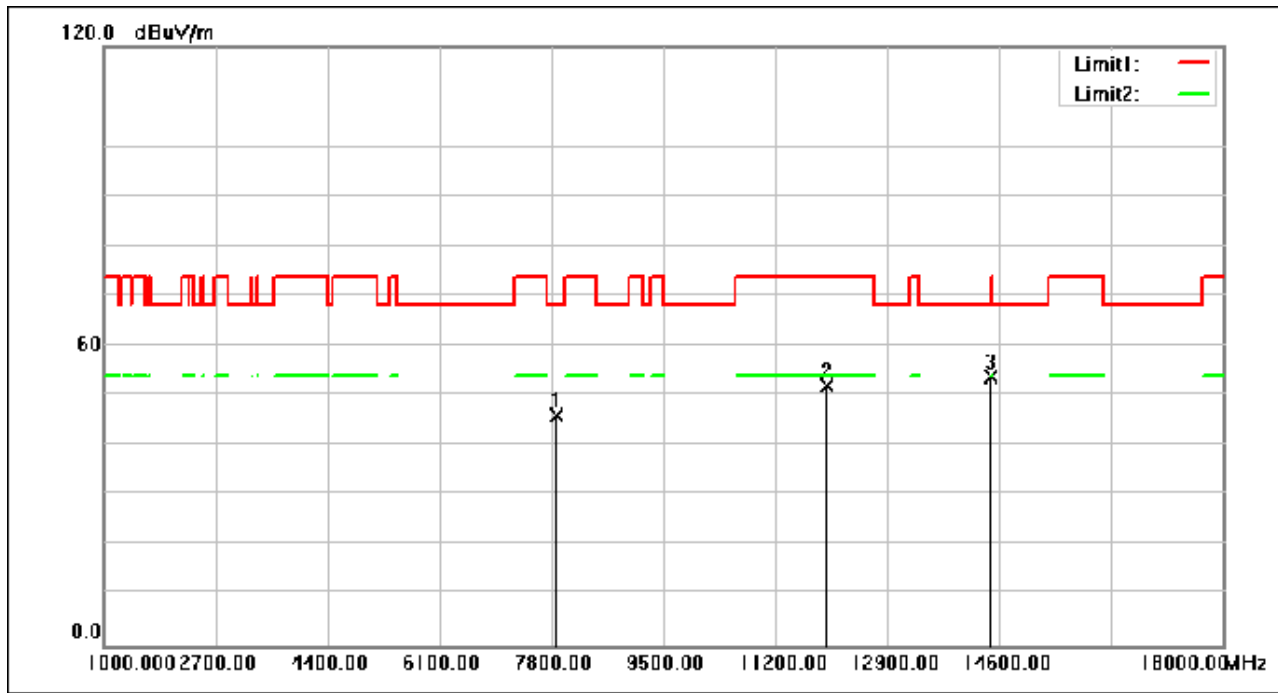
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7897.920	56.91	-10.74	46.17	68.30	-22.13	peak
2	11996.960	57.93	-5.89	52.04	74.00	-21.96	peak
3	14473.520	59.70	-5.99	53.71	74.00	-20.29	peak

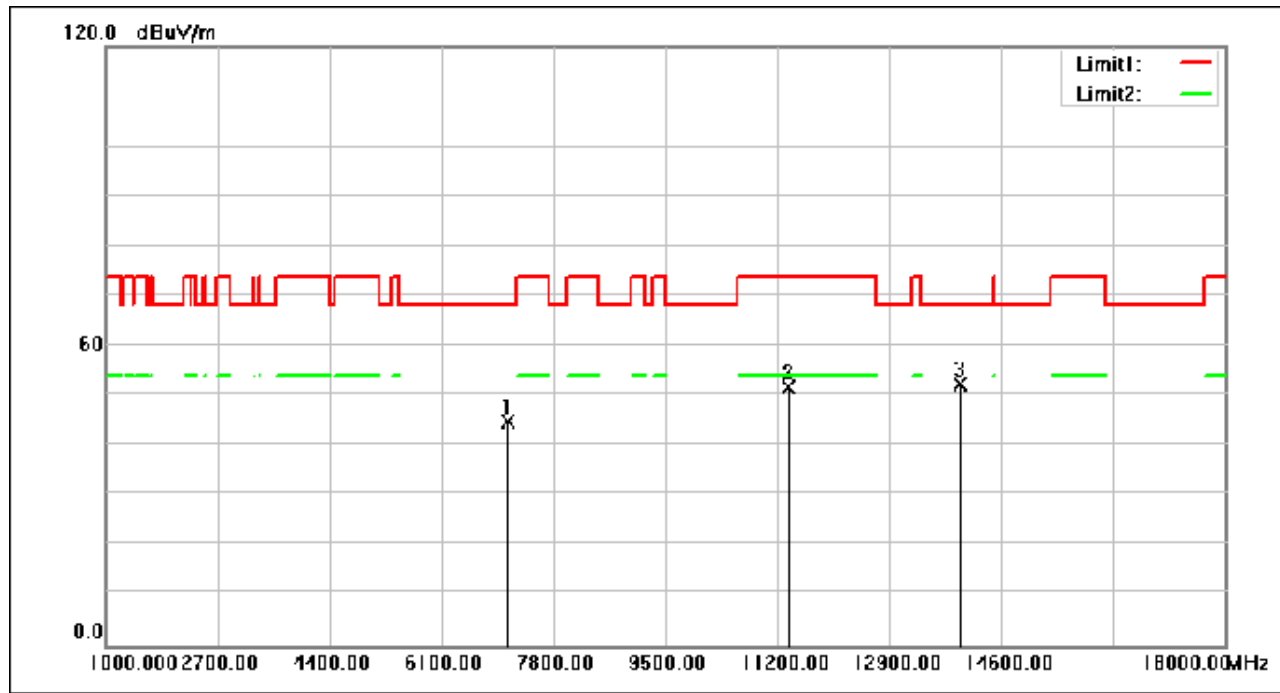
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7105.720	56.32	-11.52	44.80	68.30	-23.50	peak
2	11372.040	58.23	-6.46	51.77	74.00	-22.23	peak
3	13975.080	58.75	-6.42	52.33	68.30	-15.97	peak

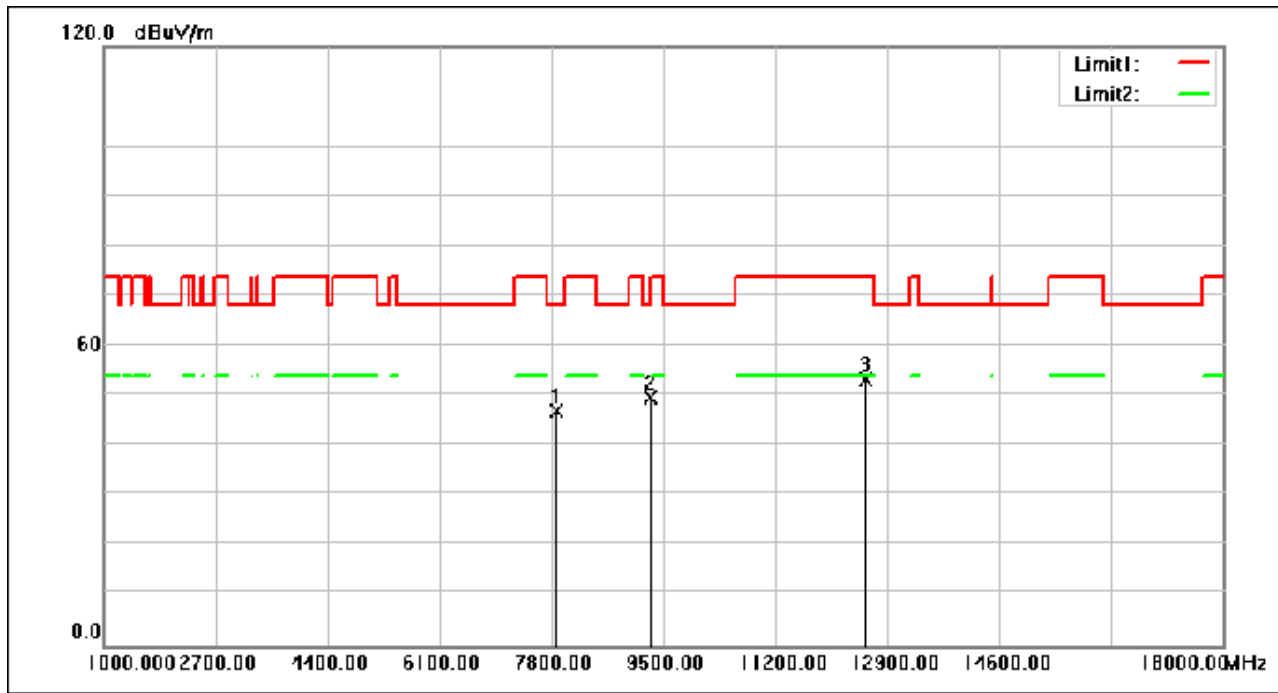
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7889.080	57.68	-10.75	46.93	68.30	-21.37	peak
2	9303.480	58.09	-8.32	49.77	74.00	-24.23	peak
3	12574.960	59.26	-6.15	53.11	74.00	-20.89	peak

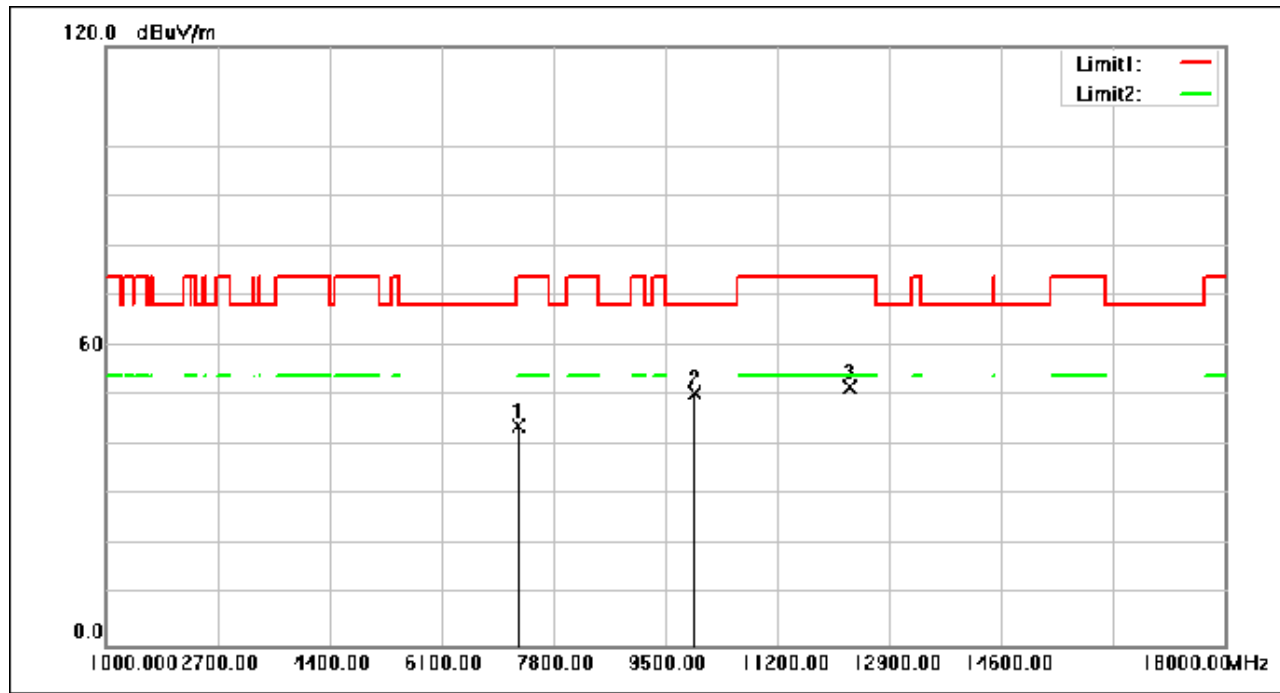
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7286.600	55.28	-11.44	43.84	74.00	-30.16	peak
2	9944.040	57.78	-7.31	50.47	68.30	-17.83	peak
3	12310.440	57.70	-6.03	51.67	74.00	-22.33	peak

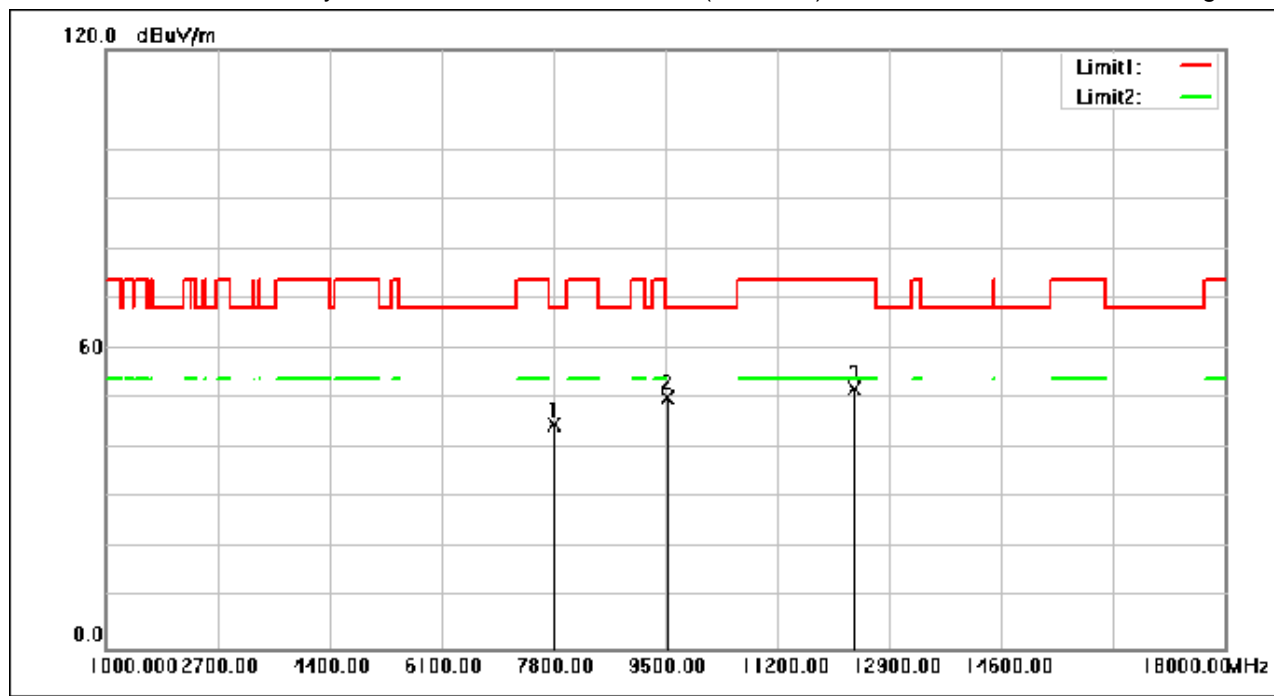
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7812.240	55.84	-10.85	44.99	68.30	-23.31	peak
2	9549.640	58.04	-7.86	50.18	68.30	-18.12	peak
3	12367.560	58.00	-6.05	51.95	74.00	-22.05	peak

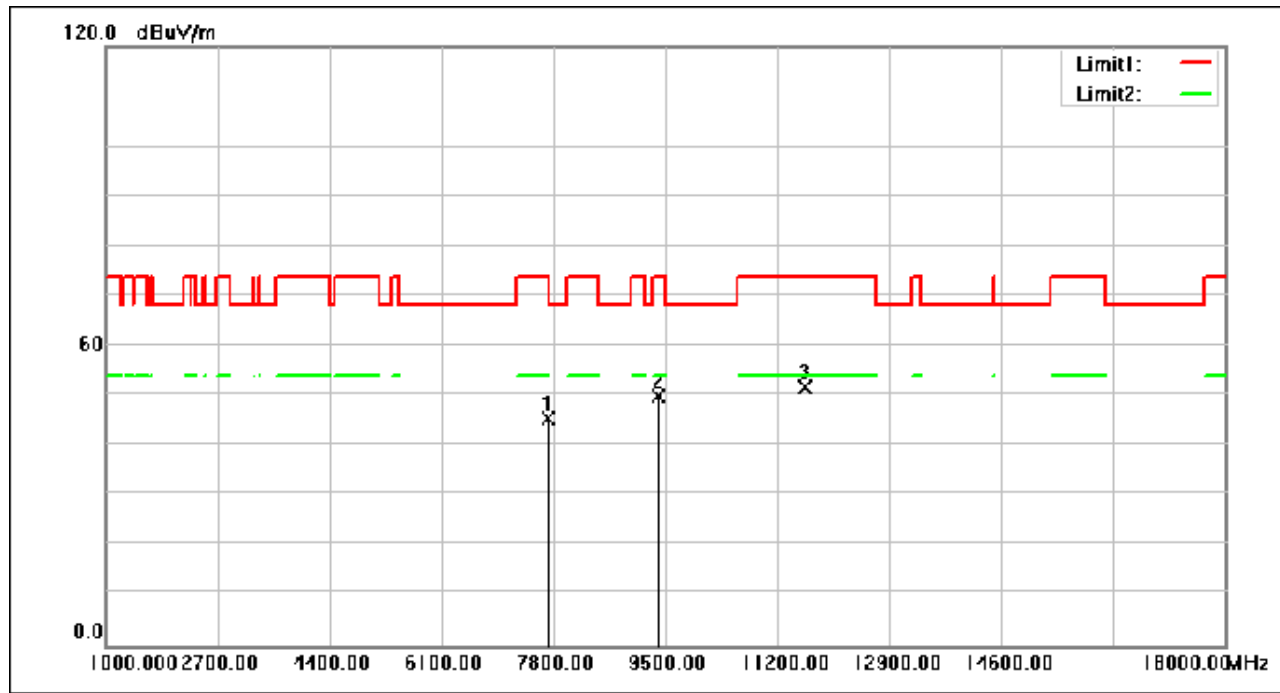
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7721.120	56.42	-10.96	45.46	74.00	-28.54	peak
2	9410.240	58.04	-8.12	49.92	74.00	-24.08	peak
3	11634.520	57.90	-6.26	51.64	74.00	-22.36	peak

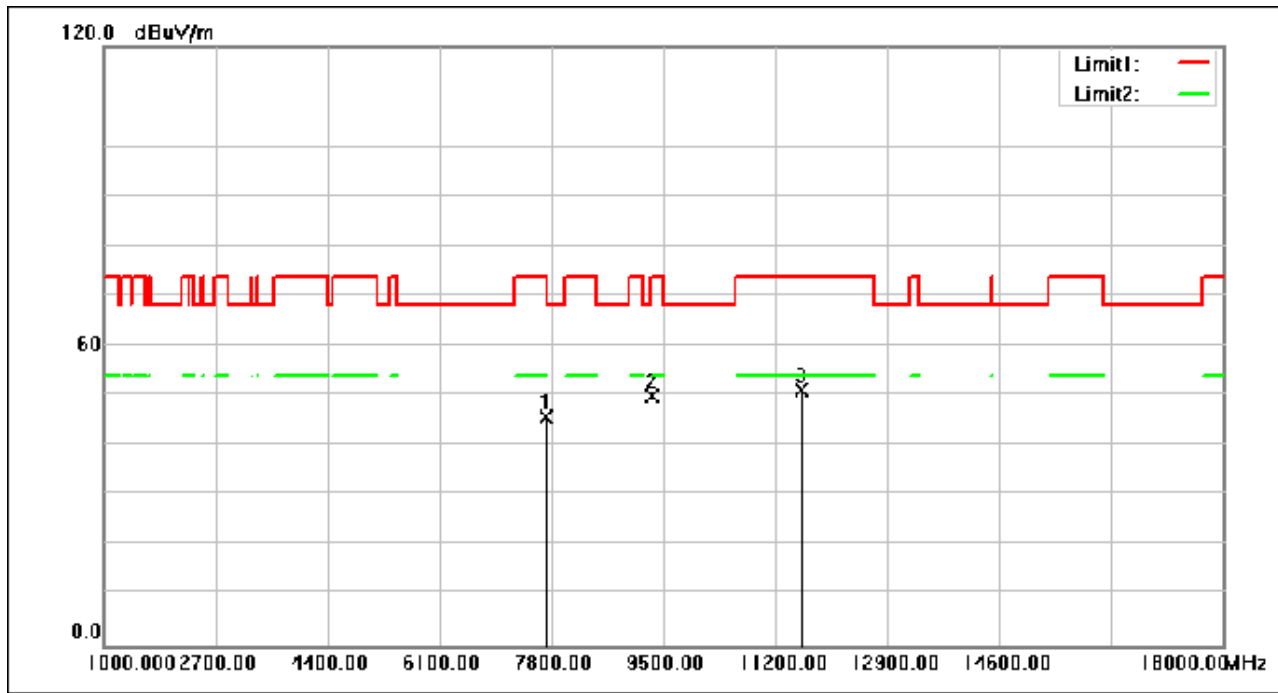
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7725.200	56.79	-10.97	45.82	74.00	-28.18	peak
2	9338.840	58.22	-8.25	49.97	74.00	-24.03	peak
3	11603.240	57.54	-6.28	51.26	74.00	-22.74	peak

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7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 22.3 °C

Humidity: 55.1 % RH

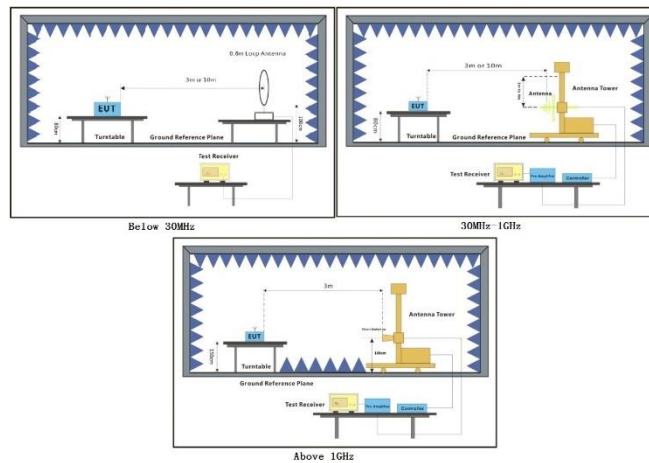
Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.

Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.5.3 Test Setup Diagram



7.5.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark: $\text{Level} = \text{Read Level} + \text{Cable Loss} + \text{Antenna Factor} - \text{Preamp Factor}$

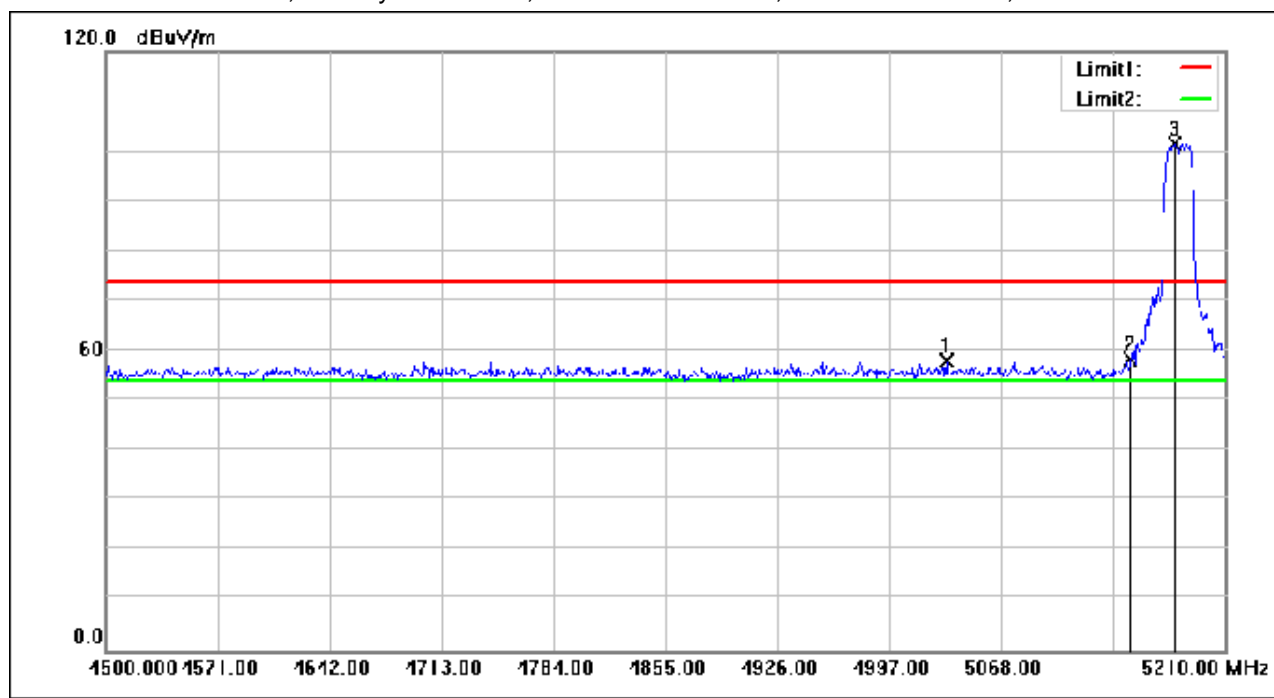
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5033.210	76.42	-18.38	58.04	74.00	-15.96	peak
2	5150.000	76.60	-18.21	58.39	74.00	-15.61	peak
3	5178.050	119.66	-18.17	101.49	74.00	27.49	peak

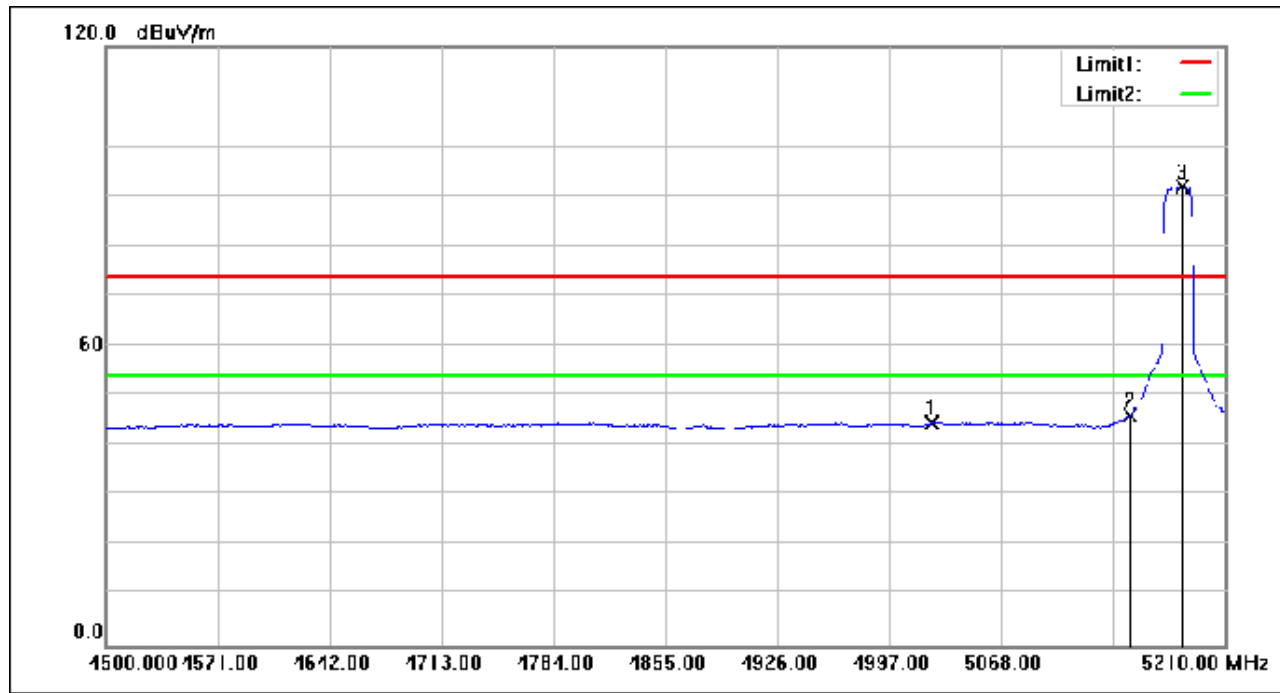
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5023.980	62.96	-18.41	44.55	54.00	-9.45	AVG
2	5150.000	64.27	-18.21	46.06	54.00	-7.94	AVG
3	5183.020	110.22	-18.16	92.06	54.00	38.06	AVG

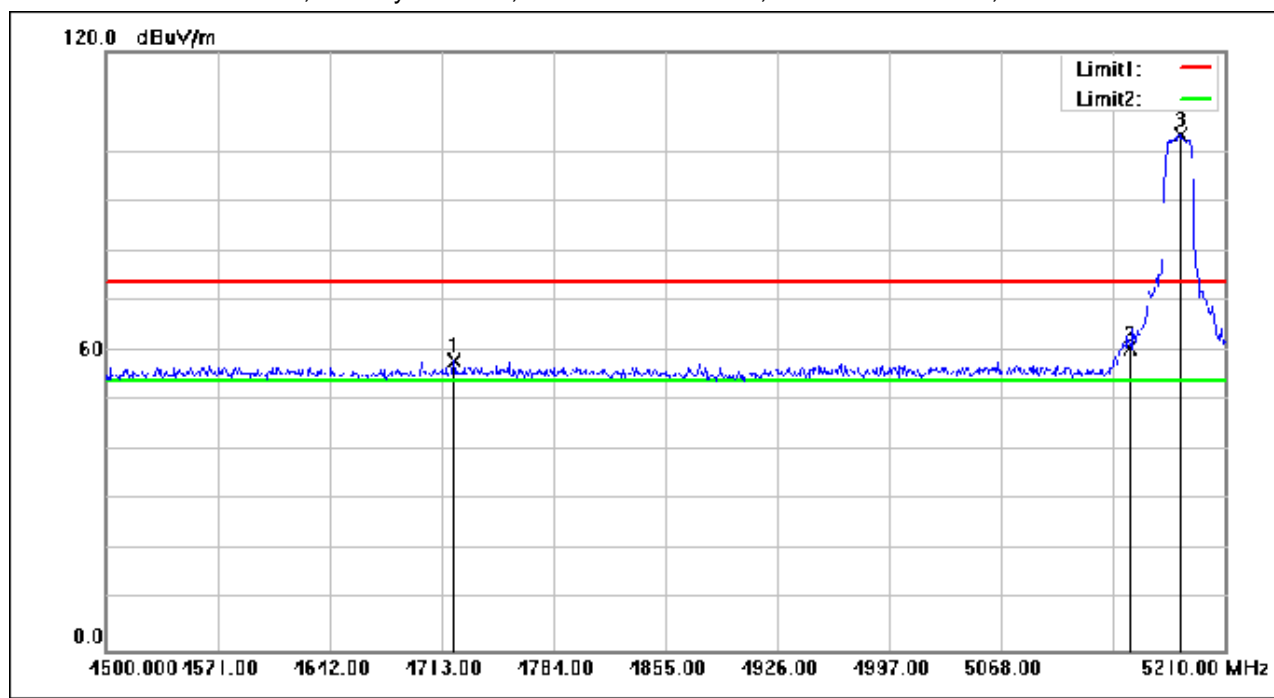
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Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4720.810	76.65	-18.61	58.04	74.00	-15.96	peak
2	5150.000	78.58	-18.21	60.37	74.00	-13.63	peak
3	5181.600	121.60	-18.17	103.43	74.00	29.43	peak

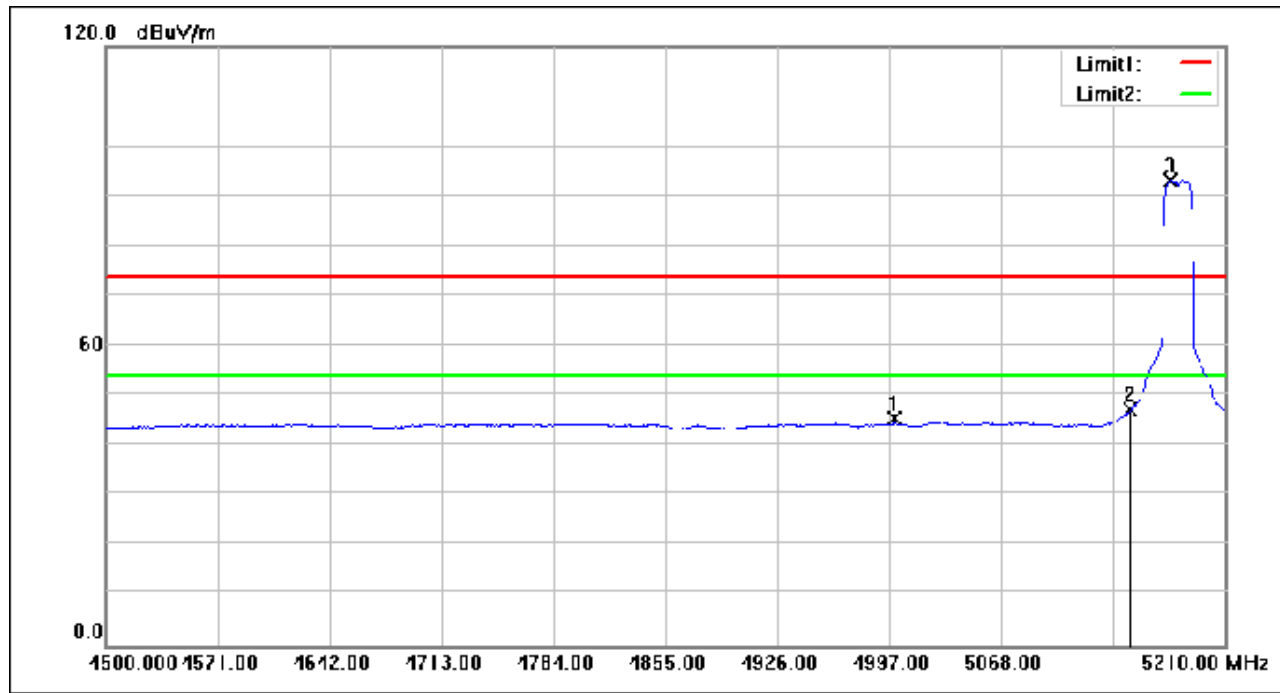
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Test Mode: 01; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.550	63.99	-18.44	45.55	54.00	-8.45	AVG
2	5150.000	65.45	-18.21	47.24	54.00	-6.76	AVG
3	5175.210	111.33	-18.17	93.16	54.00	39.16	AVG

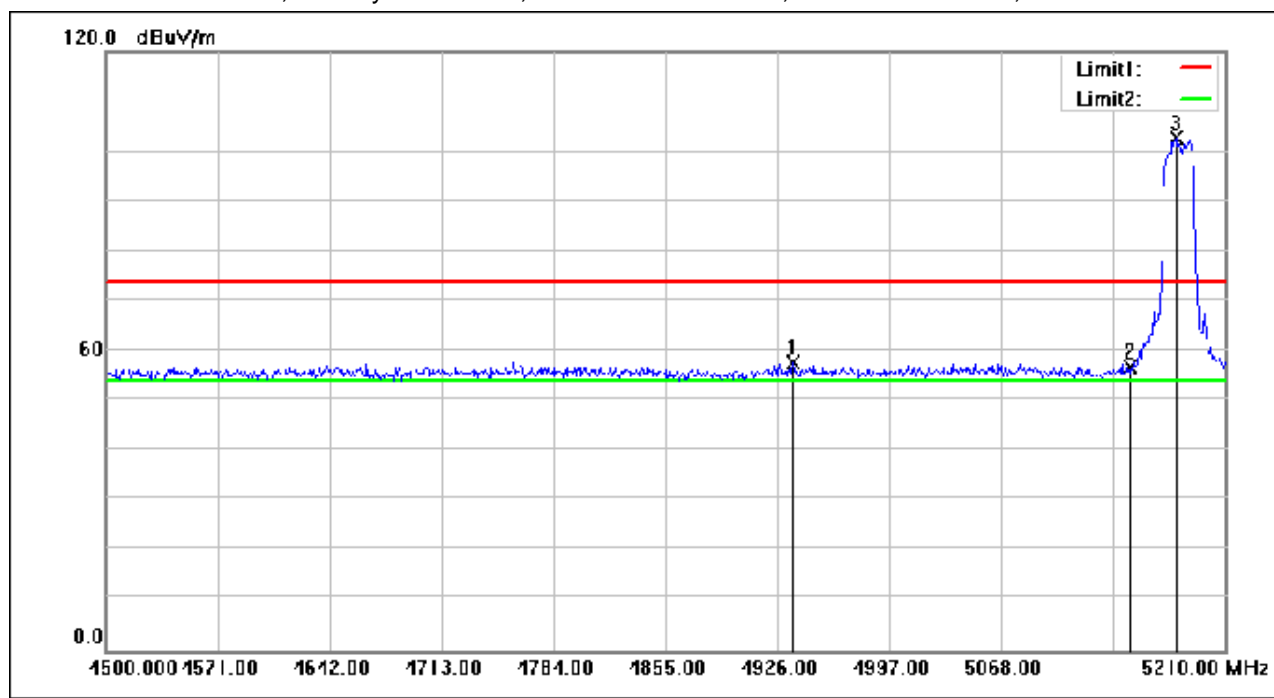
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4935.940	76.14	-18.48	57.66	74.00	-16.34	peak
2	5150.000	75.16	-18.21	56.95	74.00	-17.05	peak
3	5178.760	121.06	-18.17	102.89	74.00	28.89	peak

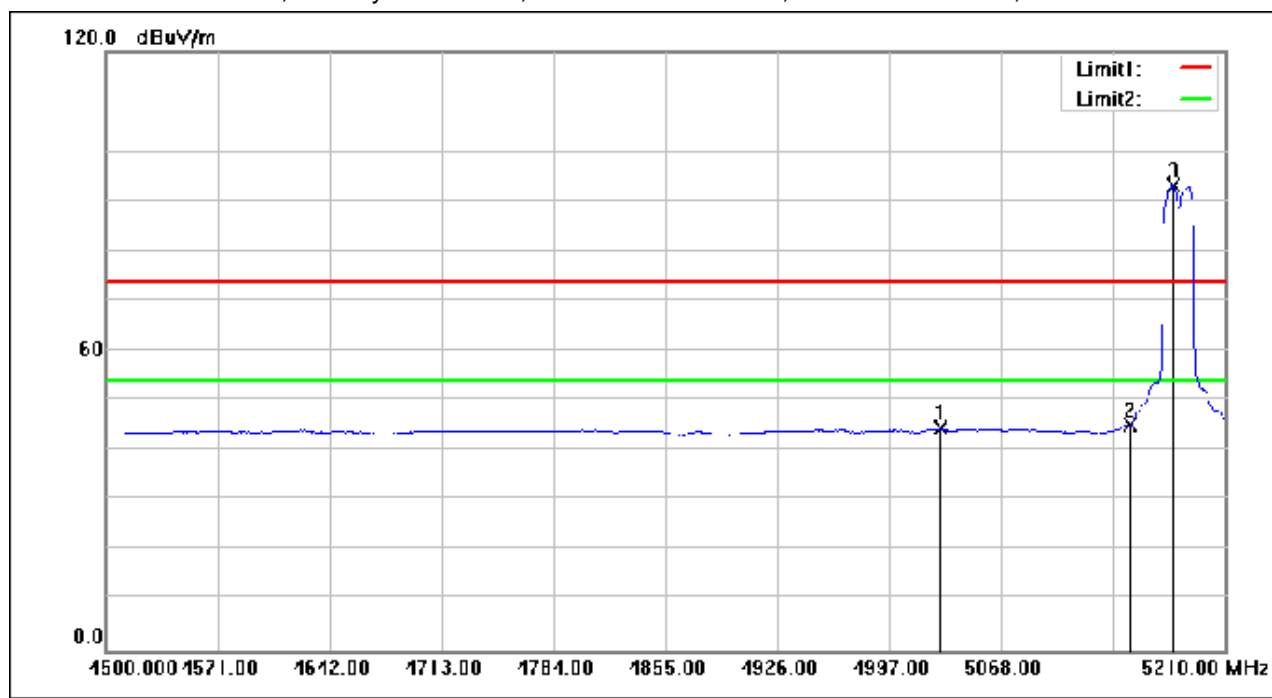
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5029.660	62.82	-18.40	44.42	54.00	-9.58	AVG
2	5150.000	63.25	-18.21	45.04	54.00	-8.96	AVG
3	5177.340	111.23	-18.17	93.06	54.00	39.06	AVG

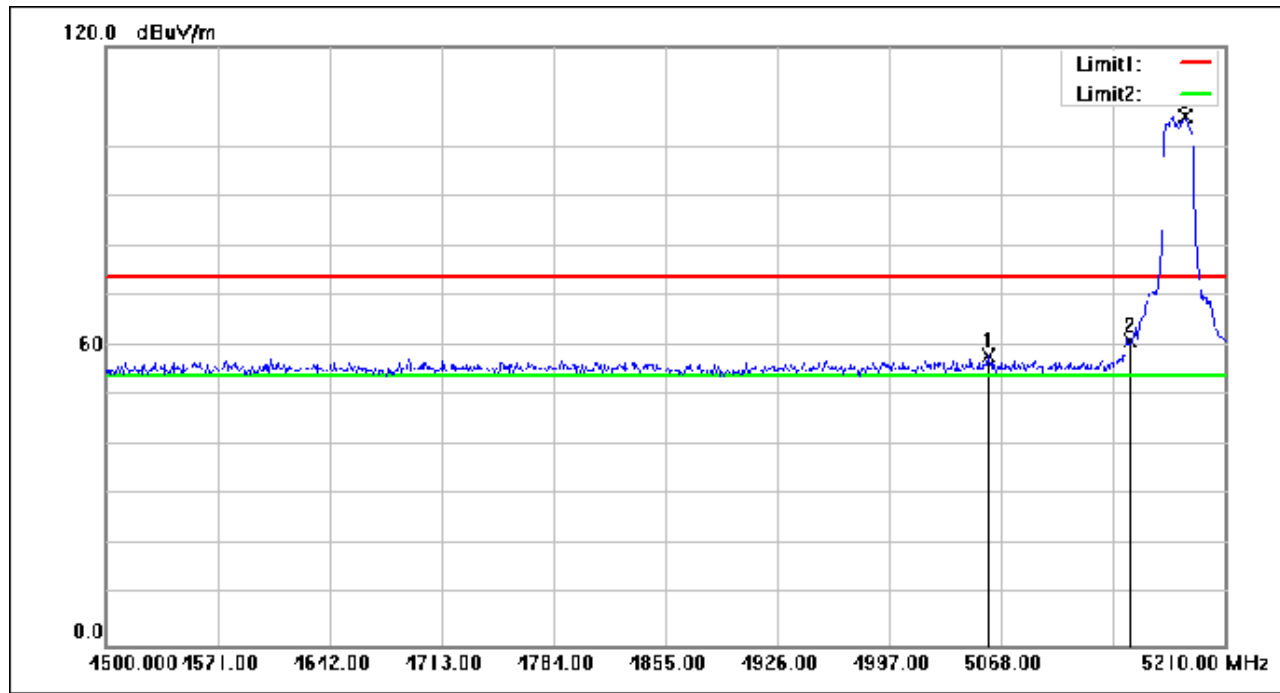
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5059.480	76.28	-18.34	57.94	74.00	-16.06	peak
2	5150.000	79.35	-18.21	61.14	74.00	-12.86	peak
3	5185.150	124.22	-18.16	106.06	74.00	32.06	peak

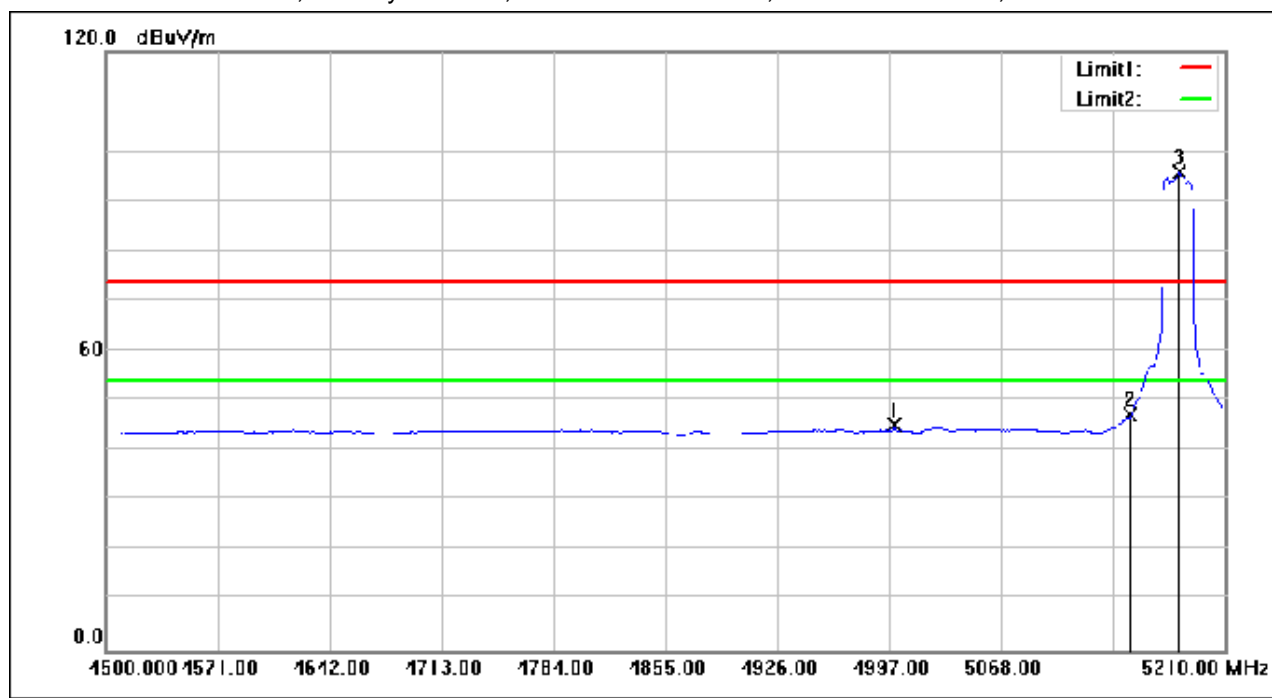
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4999.840	63.70	-18.44	45.26	54.00	-8.74	AVG
2	5150.000	65.40	-18.21	47.19	54.00	-6.81	AVG
3	5180.890	114.02	-18.17	95.85	54.00	41.85	AVG

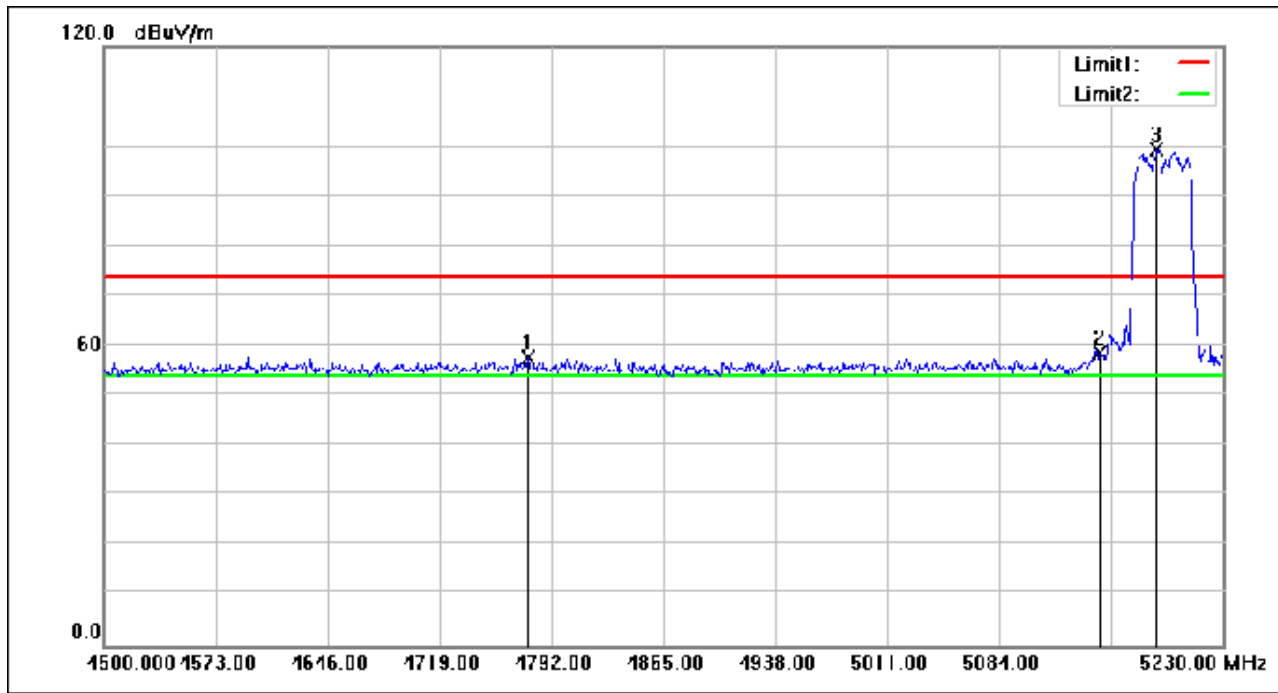
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4776.670	76.23	-18.58	57.65	74.00	-16.35	peak
2	5150.000	76.74	-18.21	58.53	74.00	-15.47	peak
3	5186.930	117.56	-18.16	99.40	74.00	25.40	peak

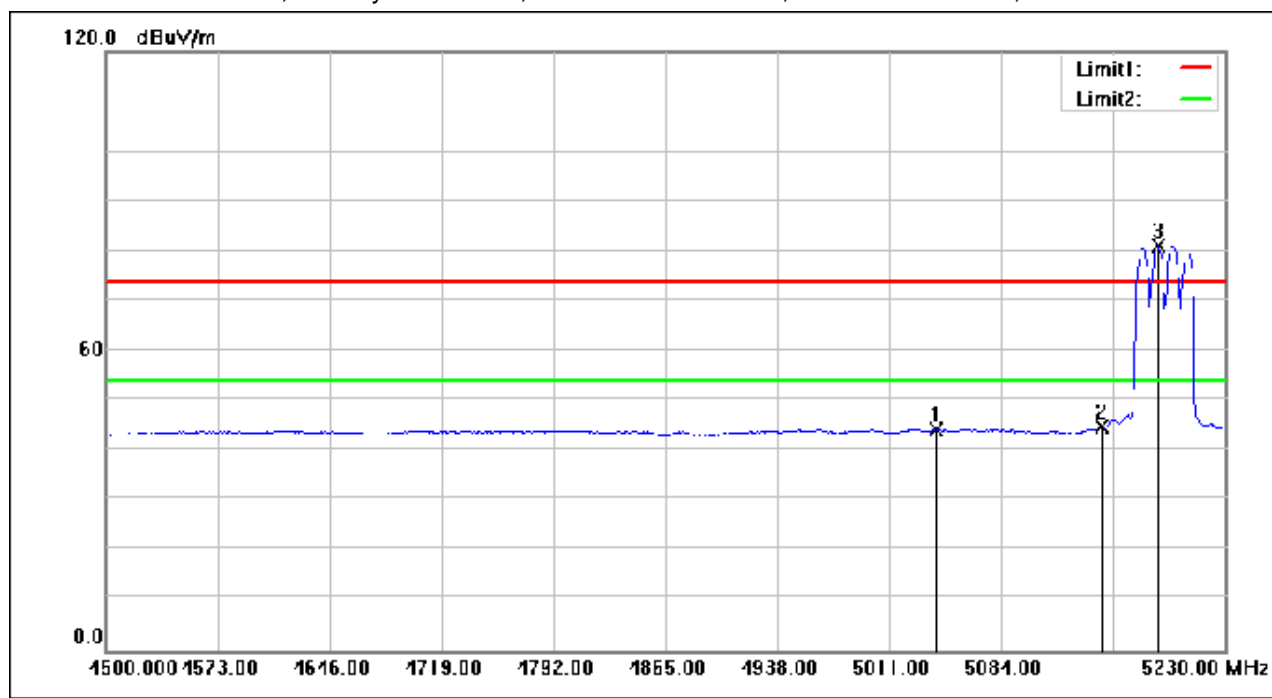
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5041.660	62.68	-18.37	44.31	54.00	-9.69	AVG
2	5150.000	63.02	-18.21	44.81	54.00	-9.19	AVG
3	5186.200	99.28	-18.16	81.12	54.00	27.12	AVG

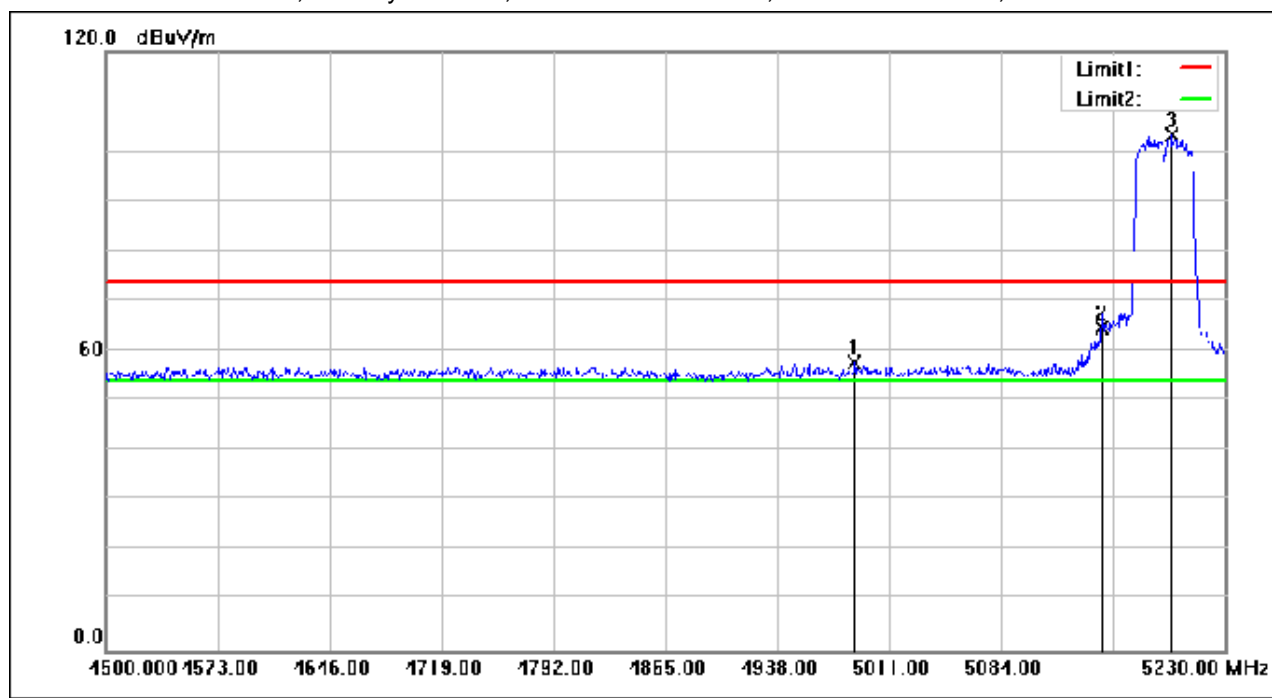
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4988.370	76.29	-18.45	57.84	74.00	-16.16	peak
2	5150.000	82.72	-18.21	64.51	74.00	-9.49	peak
3	5194.960	121.54	-18.14	103.40	74.00	29.40	peak

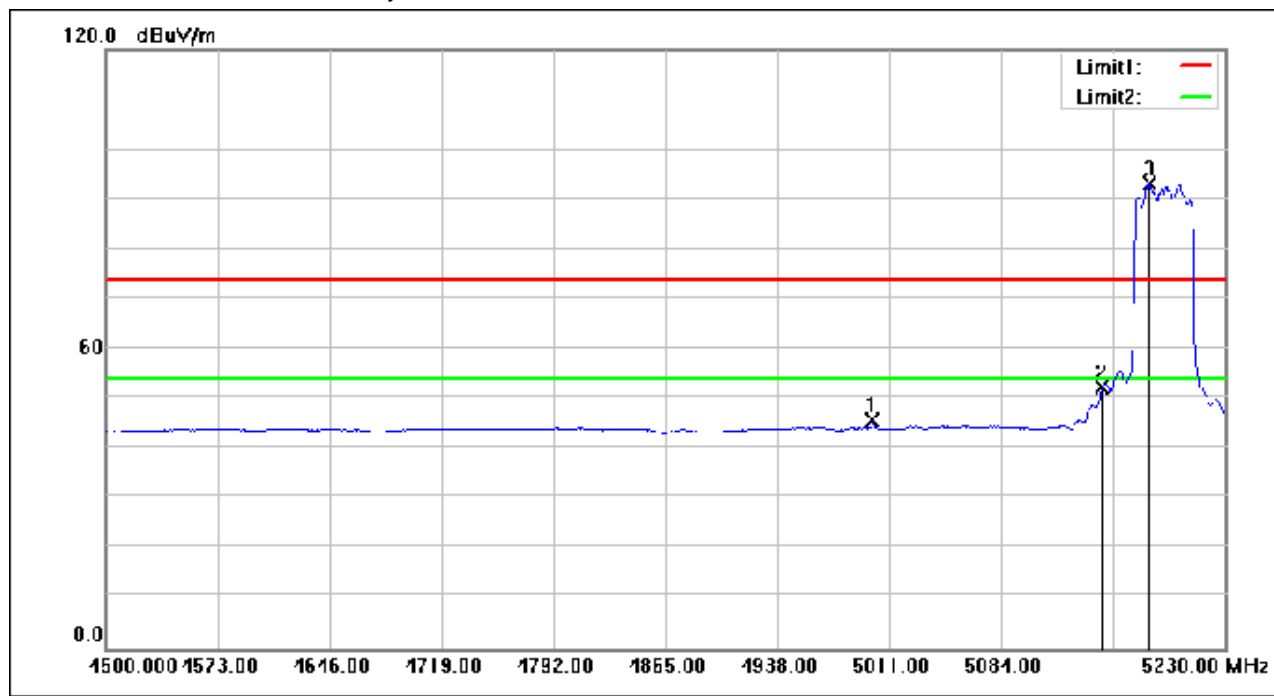
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.050	64.05	-18.44	45.61	54.00	-8.39	AVG
2	5150.000	70.47	-18.21	52.26	54.00	-1.74	AVG
3	5180.360	111.45	-18.17	93.28	54.00	39.28	AVG

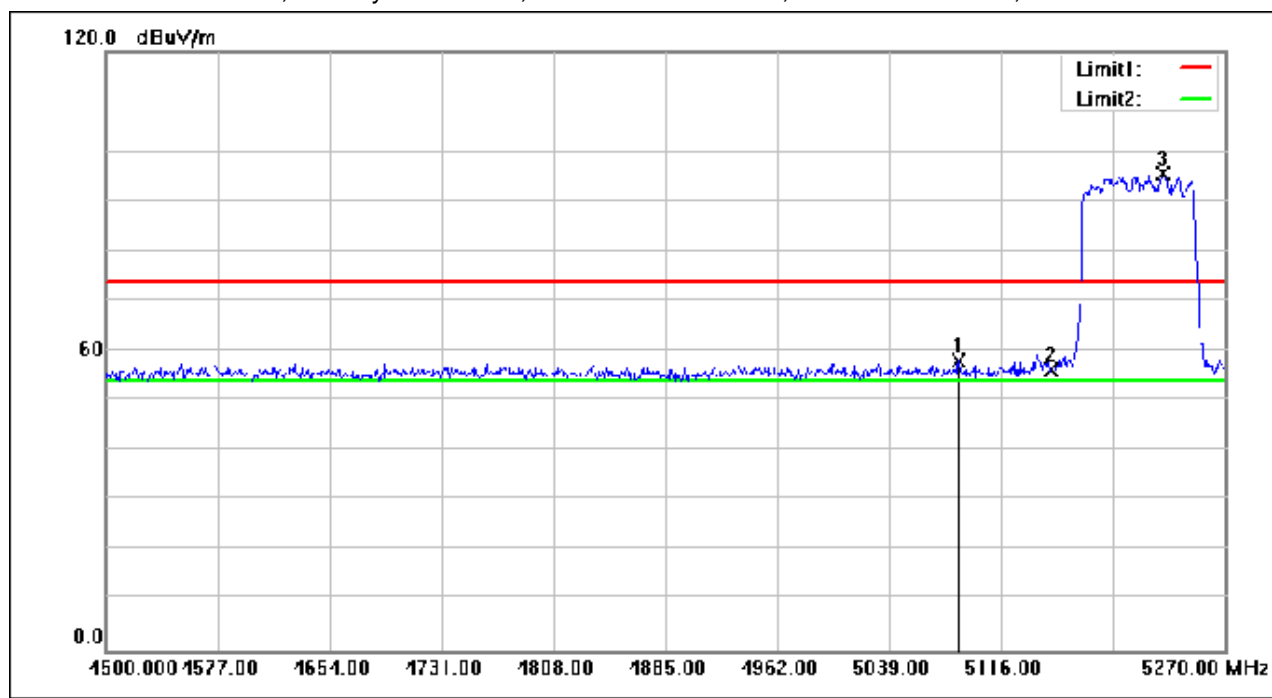
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.740	76.29	-18.31	57.98	74.00	-16.02	peak
2	5150.000	74.60	-18.21	56.39	74.00	-17.61	peak
3	5226.880	113.50	-18.10	95.40	74.00	21.40	peak

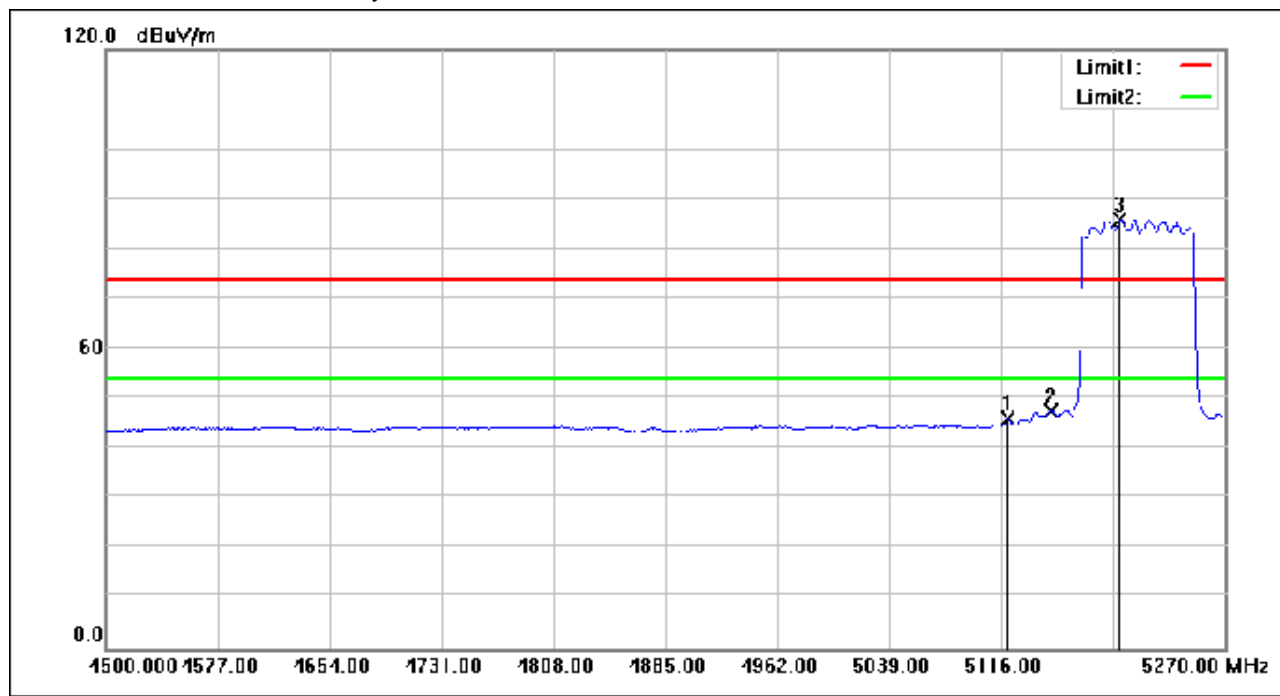
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.620	64.33	-18.26	46.07	54.00	-7.93	AVG
2	5150.000	65.72	-18.21	47.51	54.00	-6.49	AVG
3	5197.620	104.22	-18.14	86.08	54.00	32.08	AVG

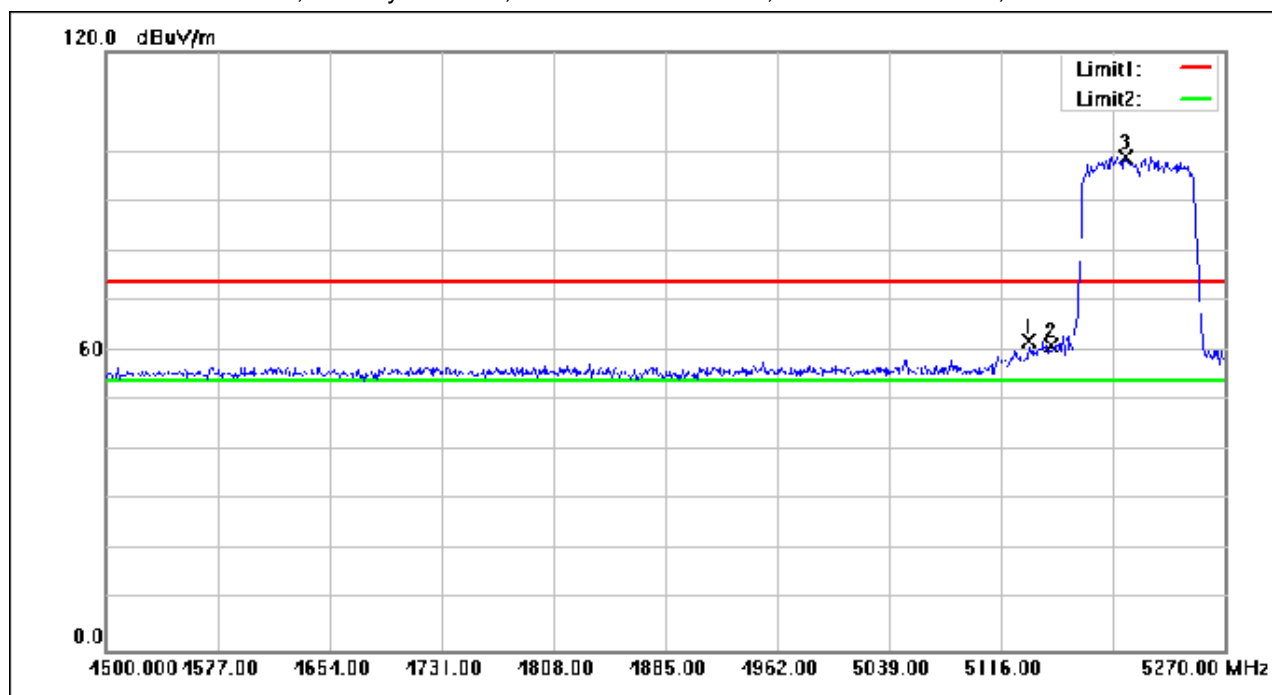
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5135.250	80.14	-18.23	61.91	74.00	-12.09	peak
2	5150.000	79.23	-18.21	61.02	74.00	-12.98	peak
3	5201.470	117.12	-18.14	98.98	74.00	24.98	peak

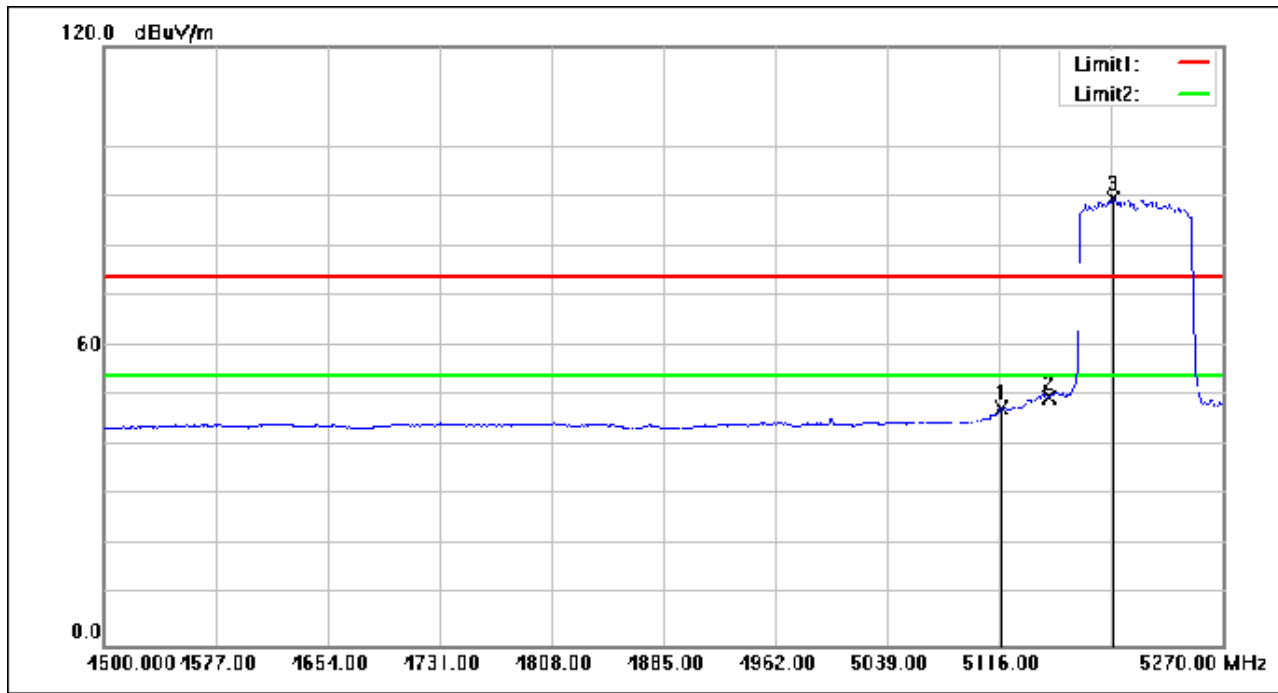
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5117.540	65.87	-18.26	47.61	54.00	-6.39	AVG
2	5150.000	67.95	-18.21	49.74	54.00	-4.26	AVG
3	5194.540	107.59	-18.14	89.45	54.00	35.45	AVG

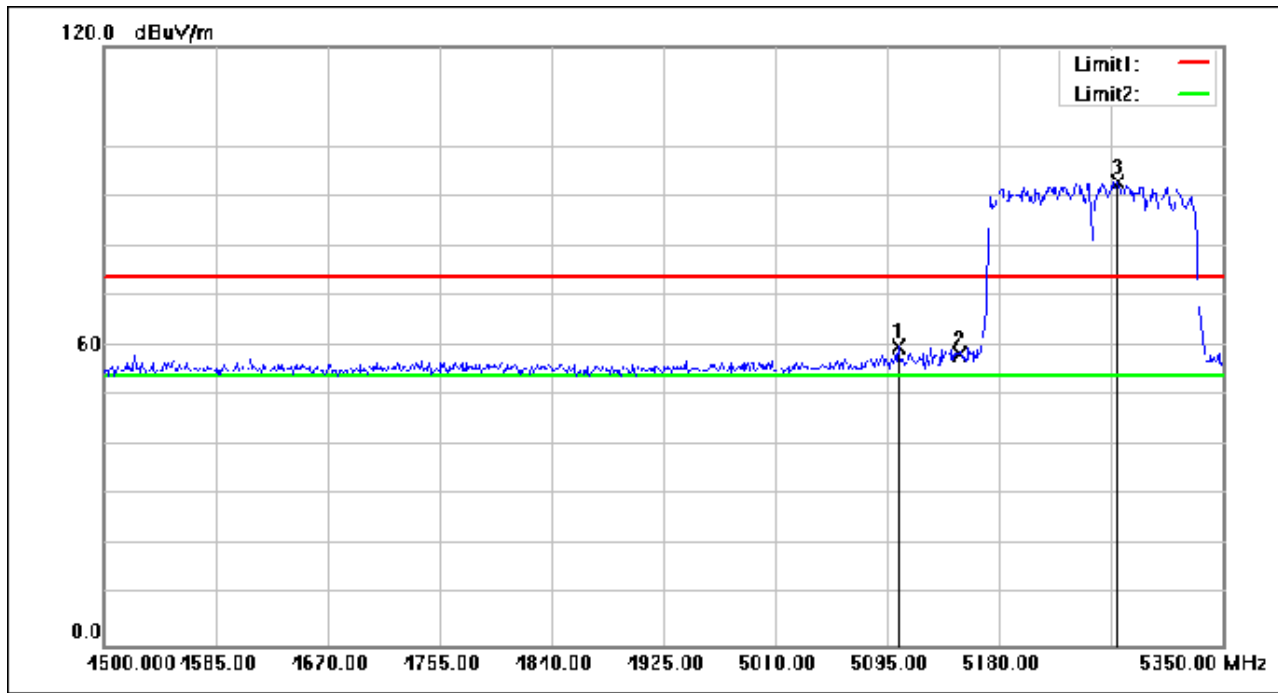
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5103.500	78.04	-18.28	59.76	74.00	-14.24	peak
2	5150.000	76.64	-18.21	58.43	74.00	-15.57	peak
3	5270.100	110.99	-18.03	92.96	74.00	18.96	peak

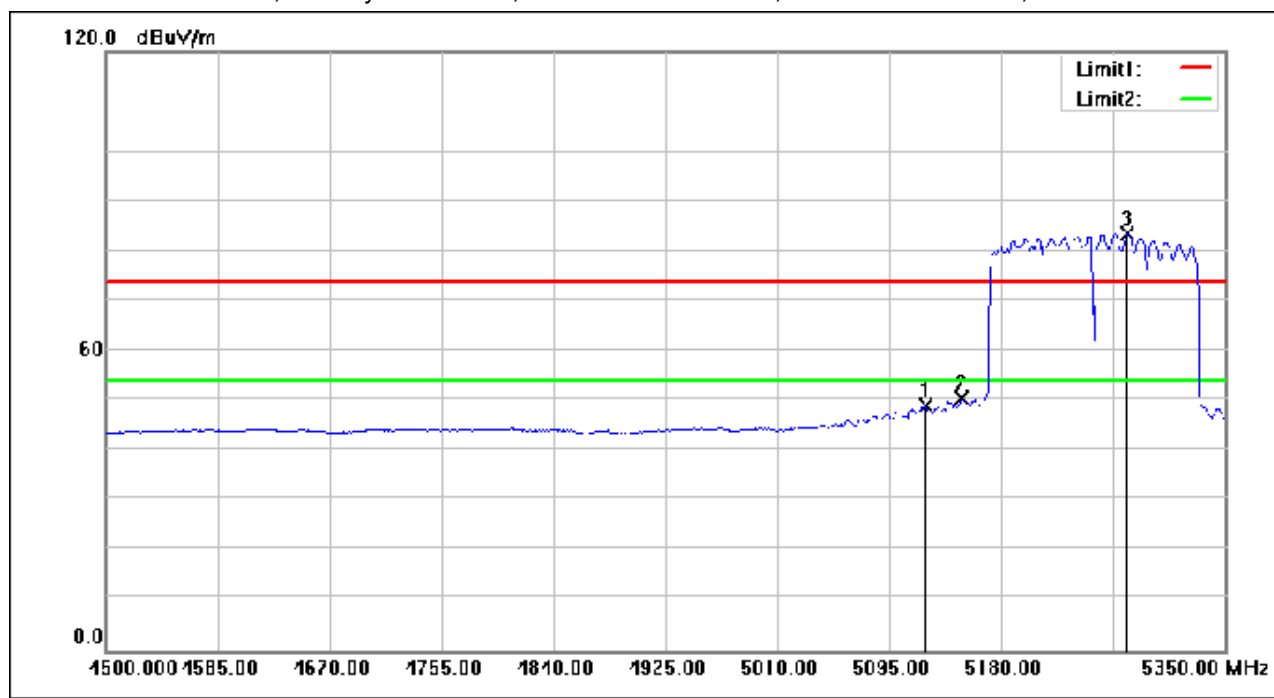
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5122.200	67.24	-18.25	48.99	54.00	-5.01	AVG
2	5150.000	68.85	-18.21	50.64	54.00	-3.36	AVG
3	5276.050	101.57	-18.02	83.55	54.00	29.55	AVG

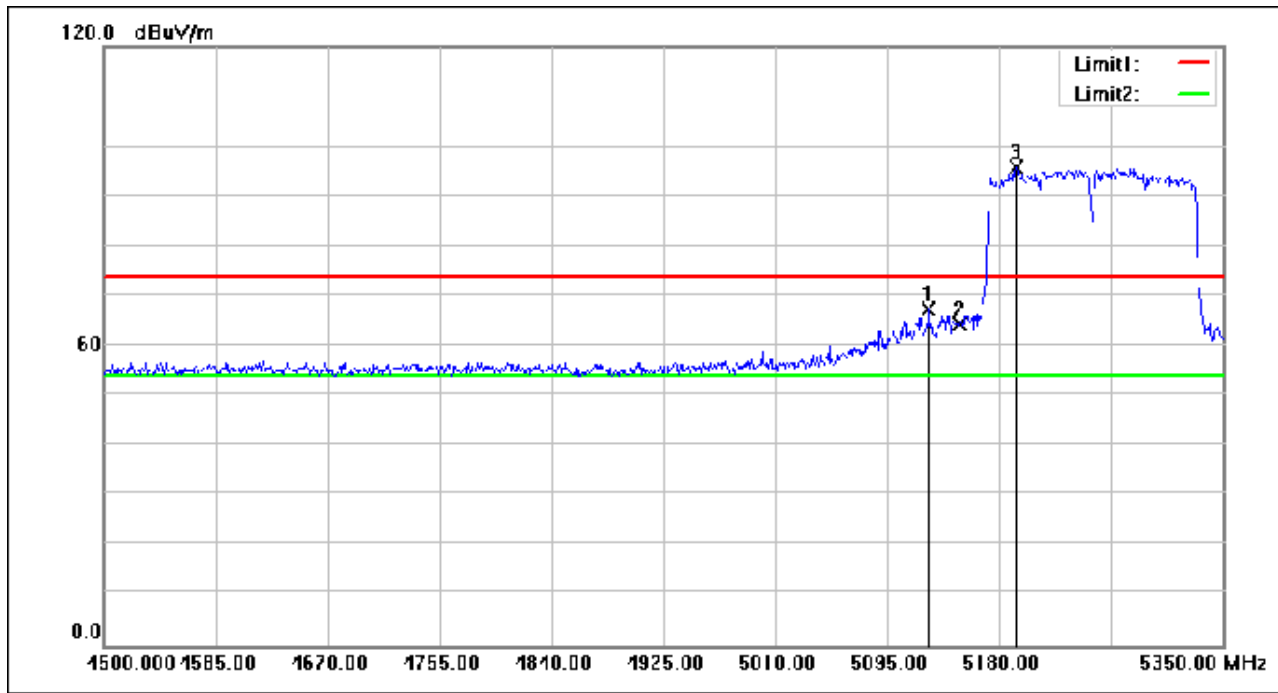
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5126.450	85.68	-18.25	67.43	74.00	-6.57	peak
2	5150.000	82.42	-18.21	64.21	74.00	-9.79	peak
3	5192.750	114.00	-18.15	95.85	74.00	21.85	peak

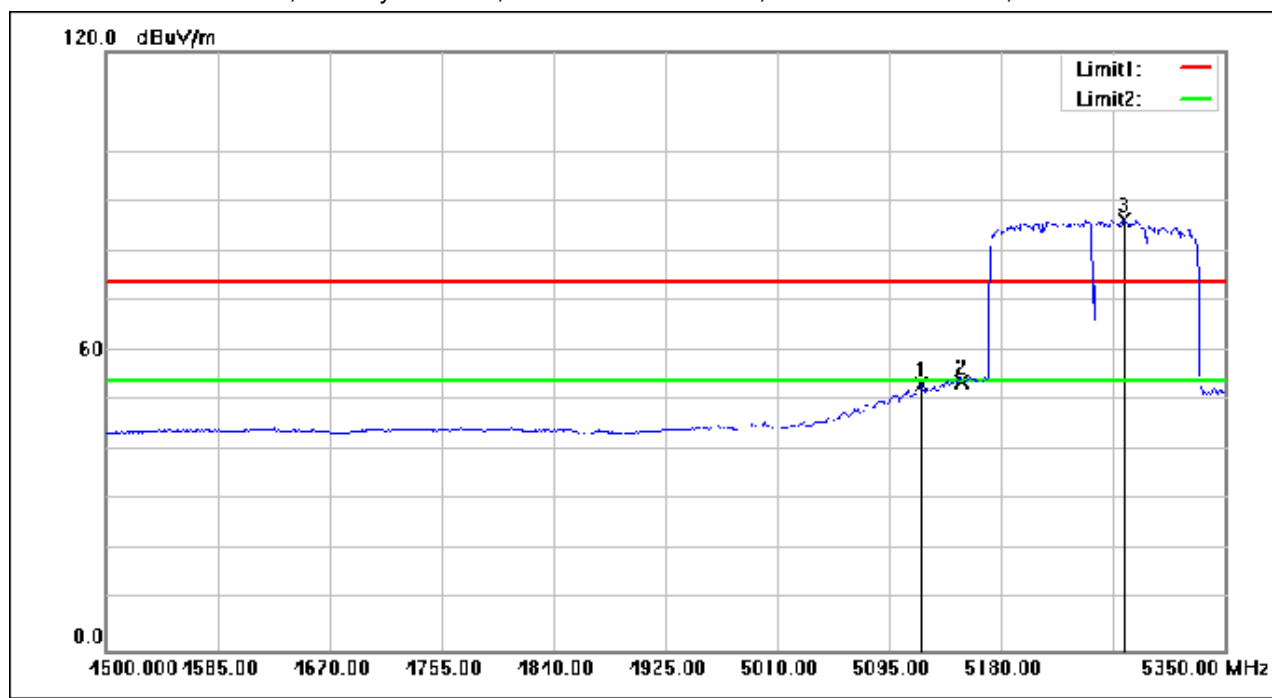
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No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5119.650	71.37	-18.26	53.11	54.00	-0.89	AVG
2	5150.000	72.07	-18.21	53.86	54.00	-0.14	AVG
3	5273.500	104.39	-18.03	86.36	54.00	32.36	AVG

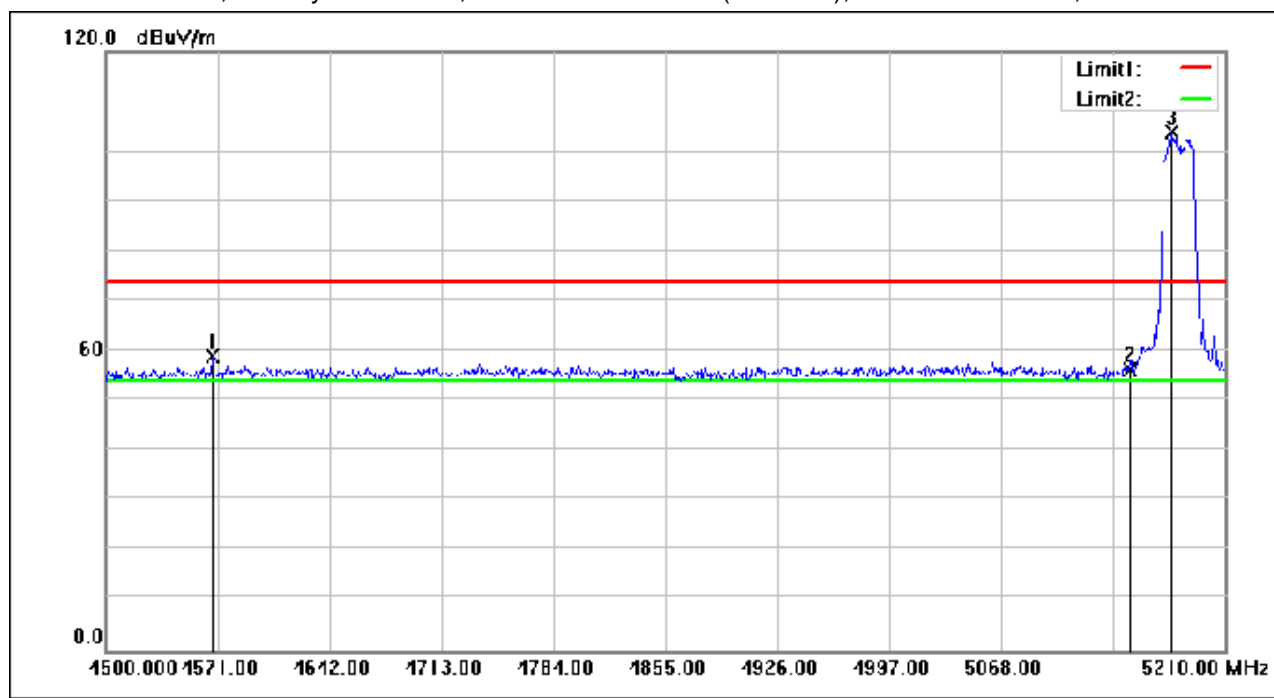
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4567.450	77.62	-18.76	58.86	74.00	-15.14	peak
2	5150.000	74.41	-18.21	56.20	74.00	-17.80	peak
3	5176.630	122.08	-18.17	103.91	74.00	29.91	peak

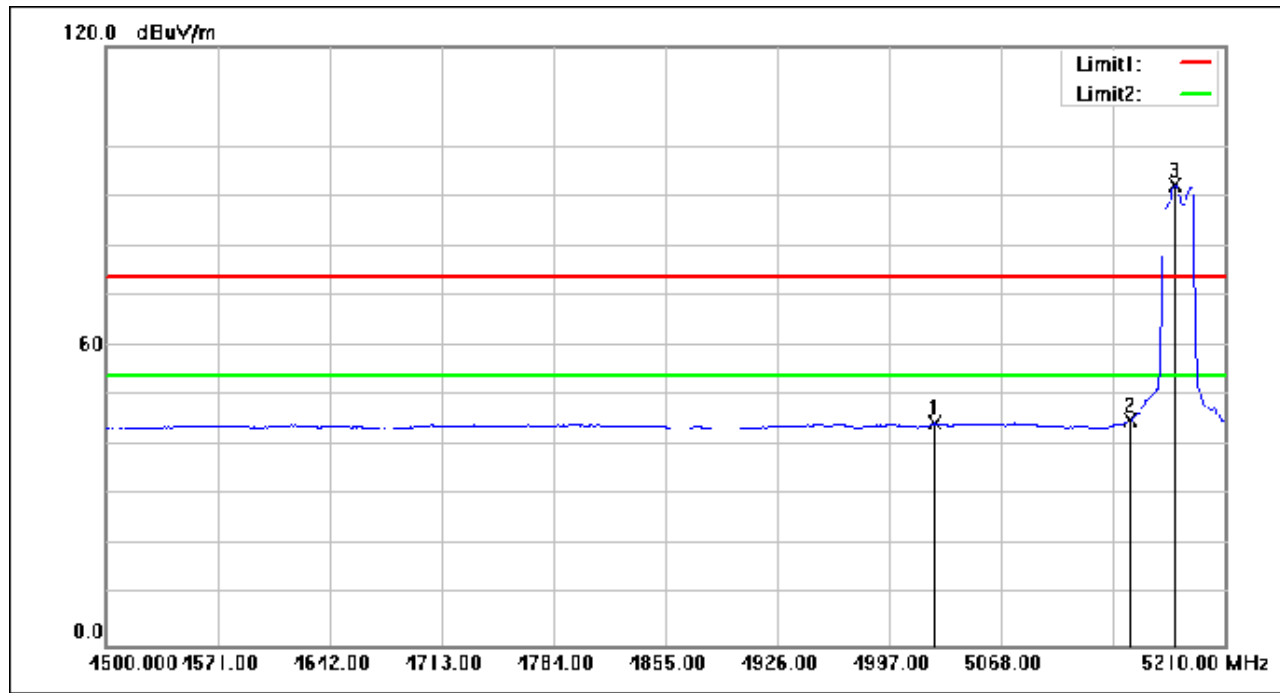
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5026.110	62.87	-18.40	44.47	54.00	-9.53	AVG
2	5150.000	63.32	-18.21	45.11	54.00	-8.89	AVG
3	5178.050	110.54	-18.17	92.37	54.00	38.37	AVG

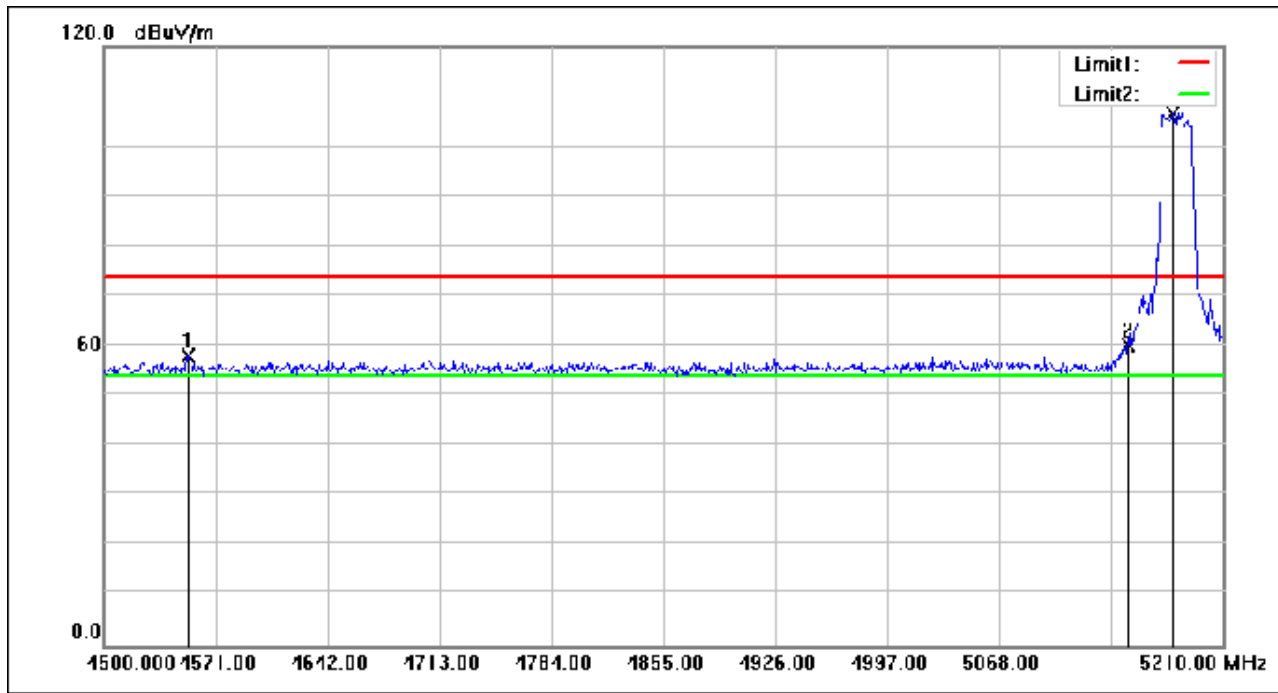
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4553.250	76.94	-18.80	58.14	74.00	-15.86	peak
2	5150.000	78.47	-18.21	60.26	74.00	-13.74	peak
3	5178.050	124.83	-18.17	106.66	74.00	32.66	peak

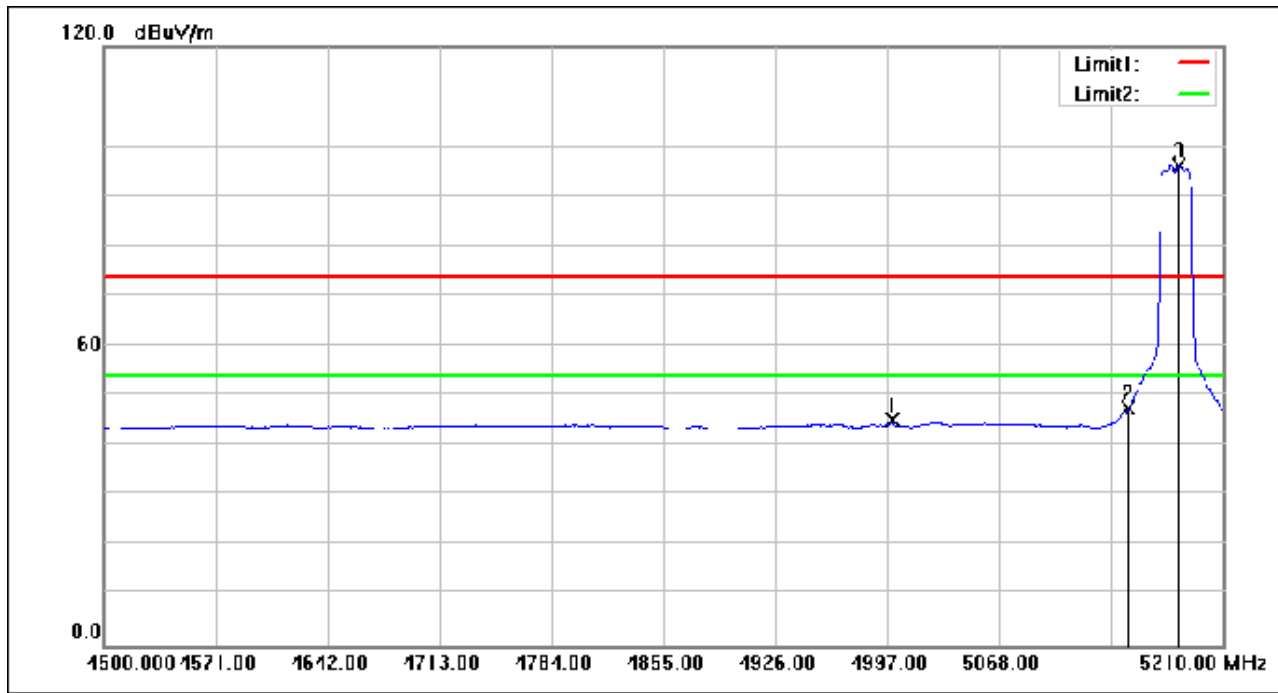
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.550	63.64	-18.44	45.20	54.00	-8.80	AVG
2	5150.000	65.74	-18.21	47.53	54.00	-6.47	AVG
3	5181.600	114.25	-18.17	96.08	54.00	42.08	AVG

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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5005.160	76.74	-18.44	58.30	74.00	-15.70	peak
2	5150.000	75.89	-18.21	57.68	74.00	-16.32	peak
3	5188.390	117.99	-18.16	99.83	74.00	25.83	peak

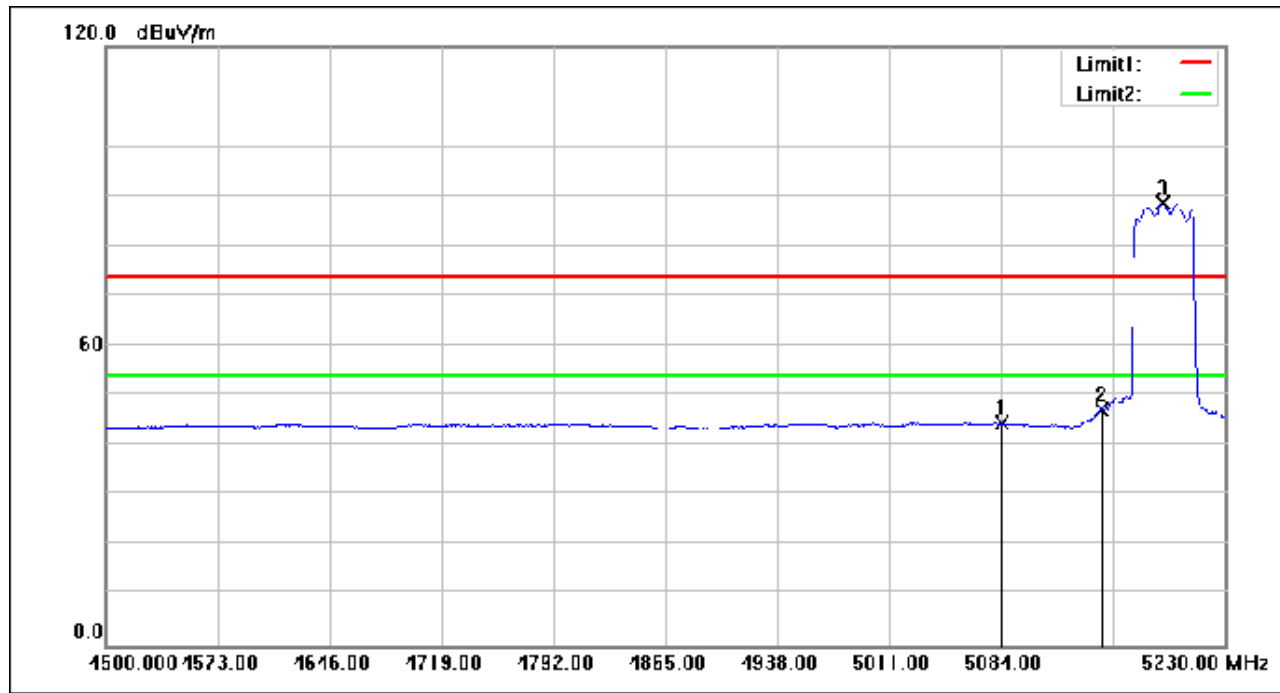
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.000	62.82	-18.31	44.51	54.00	-9.49	AVG
2	5150.000	65.54	-18.21	47.33	54.00	-6.67	AVG
3	5189.120	106.70	-18.16	88.54	54.00	34.54	AVG

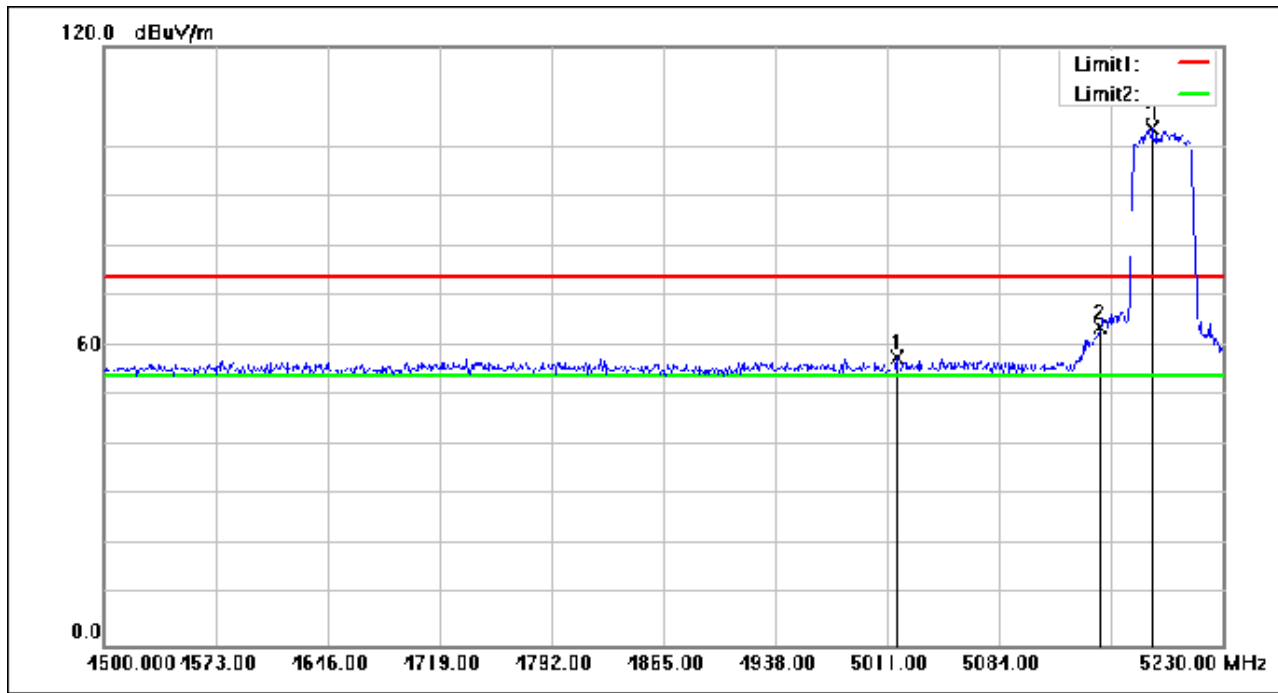
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Test Mode: 01; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5016.840	76.28	-18.41	57.87	74.00	-16.13	peak
2	5150.000	81.94	-18.21	63.73	74.00	-10.27	peak
3	5184.010	121.85	-18.16	103.69	74.00	29.69	peak

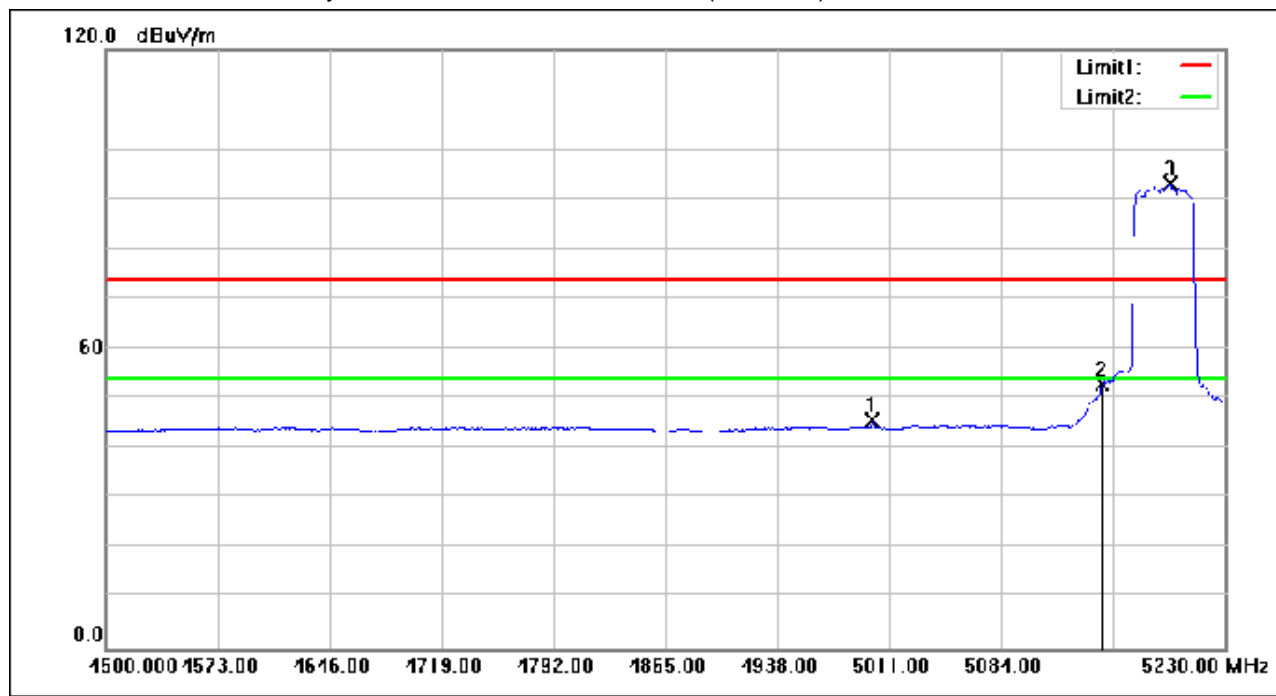
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.050	64.07	-18.44	45.63	54.00	-8.37	AVG
2	5150.000	71.07	-18.21	52.86	54.00	-1.14	AVG
3	5194.230	111.22	-18.14	93.08	54.00	39.08	AVG

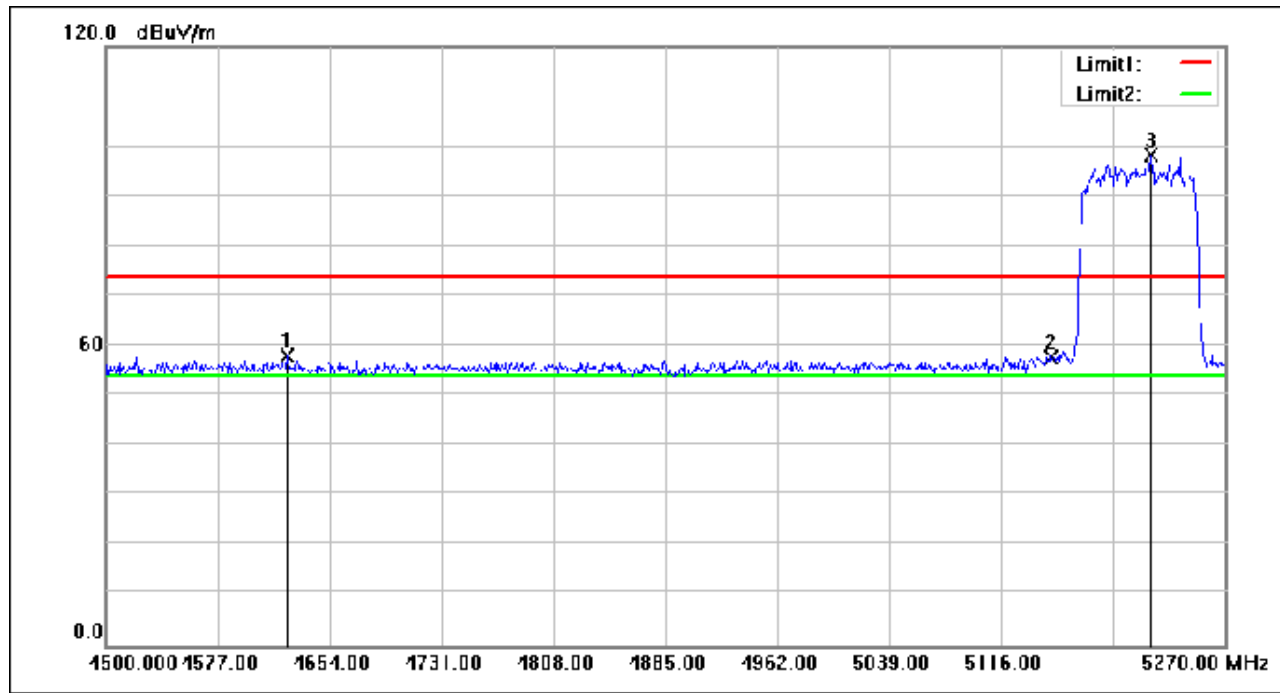
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4624.740	76.64	-18.66	57.98	74.00	-16.02	peak
2	5150.000	76.07	-18.21	57.86	74.00	-16.14	peak
3	5219.180	116.50	-18.11	98.39	74.00	24.39	peak

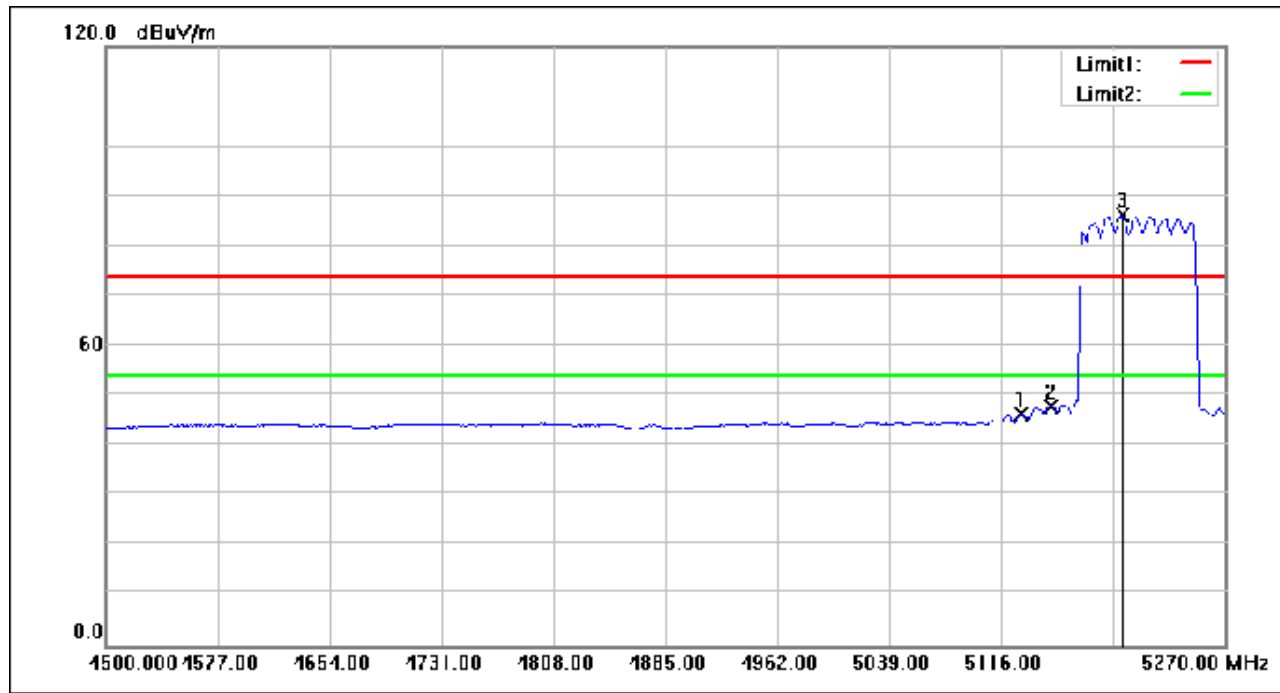
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Test Mode: 01; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5129.860	64.66	-18.25	46.41	54.00	-7.59	AVG
2	5150.000	66.09	-18.21	47.88	54.00	-6.12	AVG
3	5199.160	104.27	-18.14	86.13	54.00	32.13	AVG

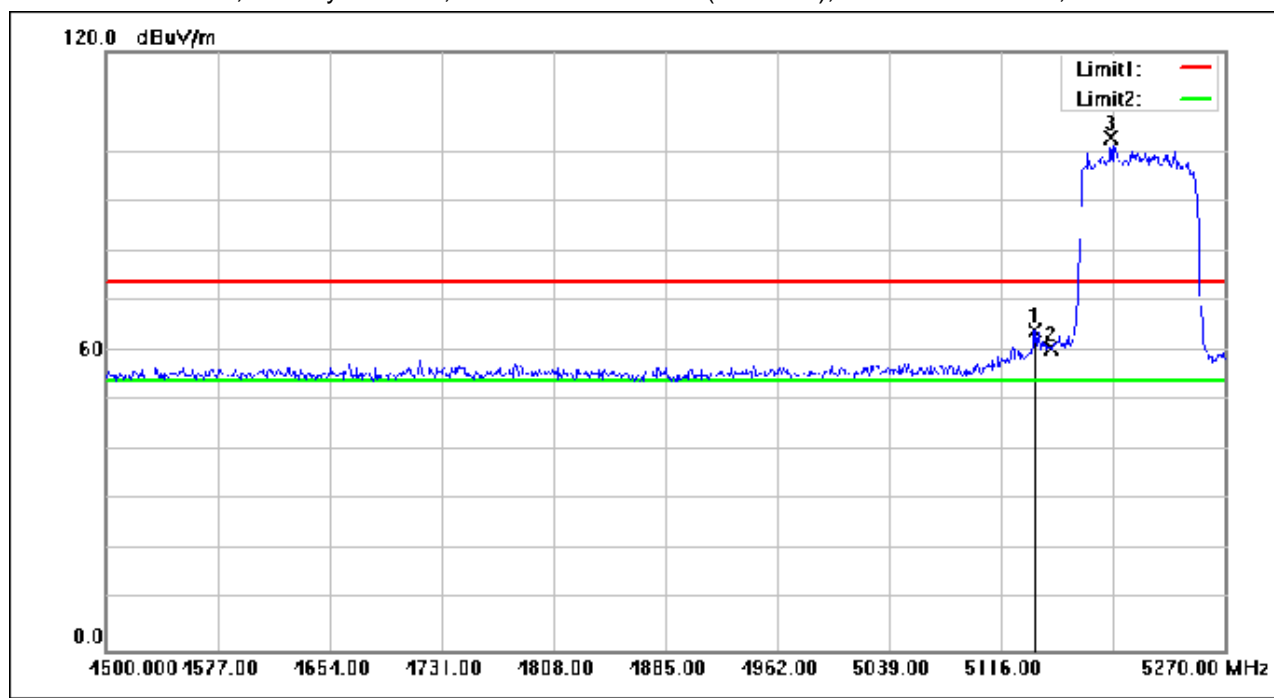
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Test Mode: 01; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.100	82.38	-18.23	64.15	74.00	-9.85	peak
2	5150.000	78.68	-18.21	60.47	74.00	-13.53	peak
3	5191.460	120.80	-18.15	102.65	74.00	28.65	peak

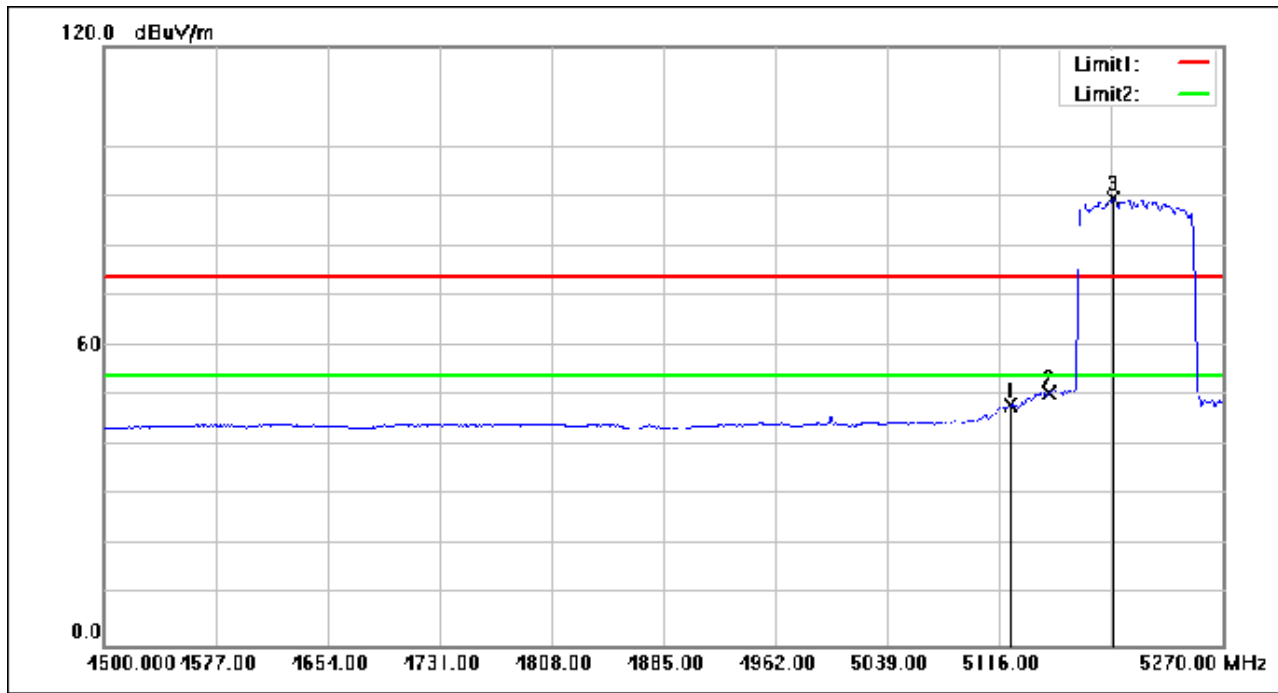
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5123.700	66.34	-18.25	48.09	54.00	-5.91	AVG
2	5150.000	68.69	-18.21	50.48	54.00	-3.52	AVG
3	5194.540	107.55	-18.14	89.41	54.00	35.41	AVG

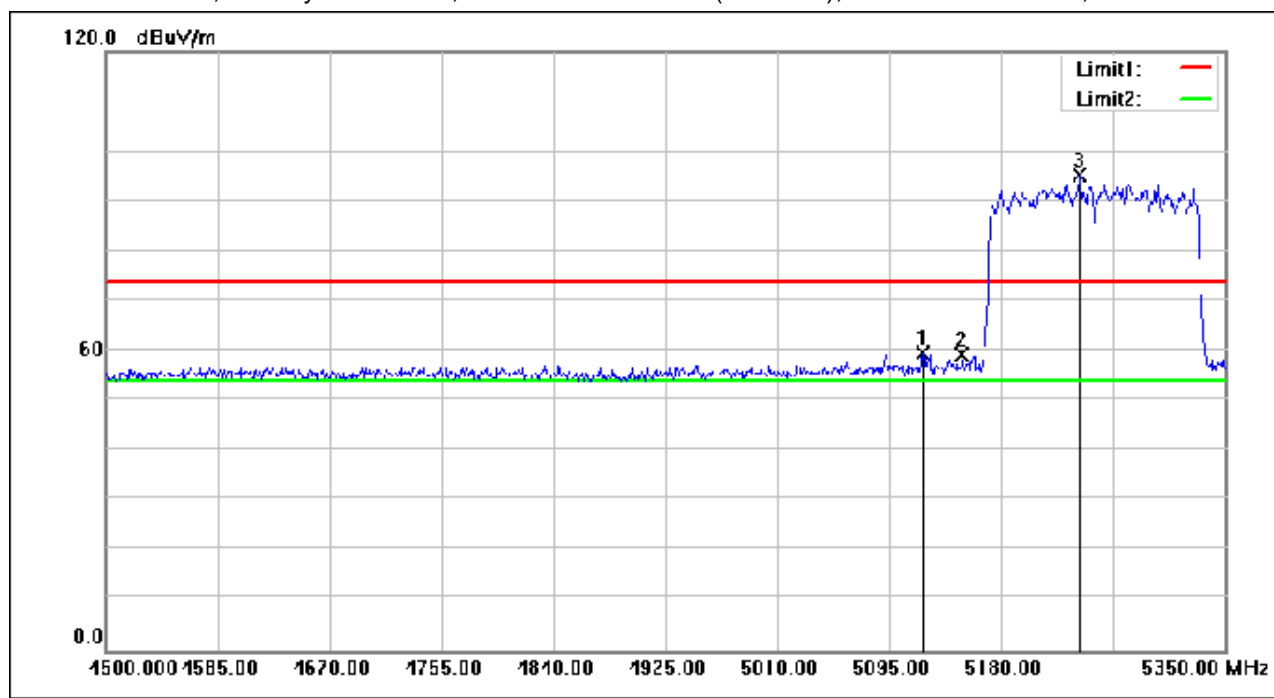
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.500	77.67	-18.26	59.41	74.00	-14.59	peak
2	5150.000	77.51	-18.21	59.30	74.00	-14.70	peak
3	5239.500	113.27	-18.08	95.19	74.00	21.19	peak

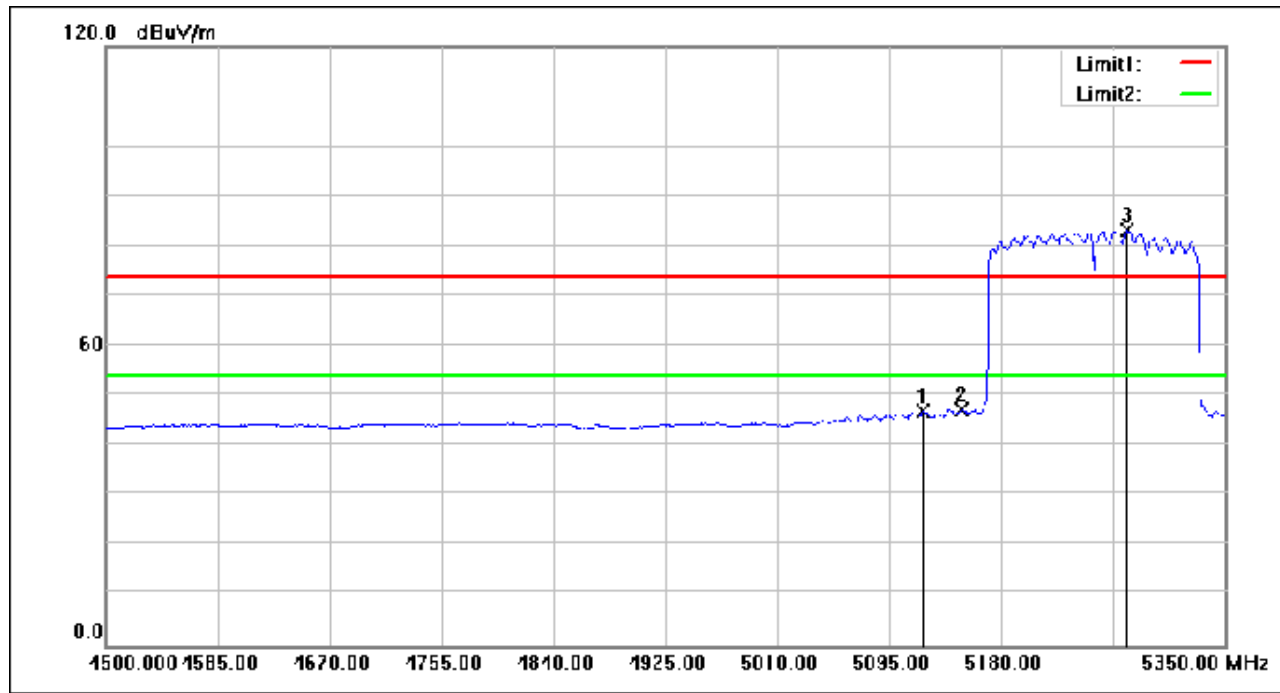
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Test Mode: 01; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5120.500	65.24	-18.26	46.98	54.00	-7.02	AVG
2	5150.000	65.57	-18.21	47.36	54.00	-6.64	AVG
3	5276.050	101.30	-18.02	83.28	54.00	29.28	AVG

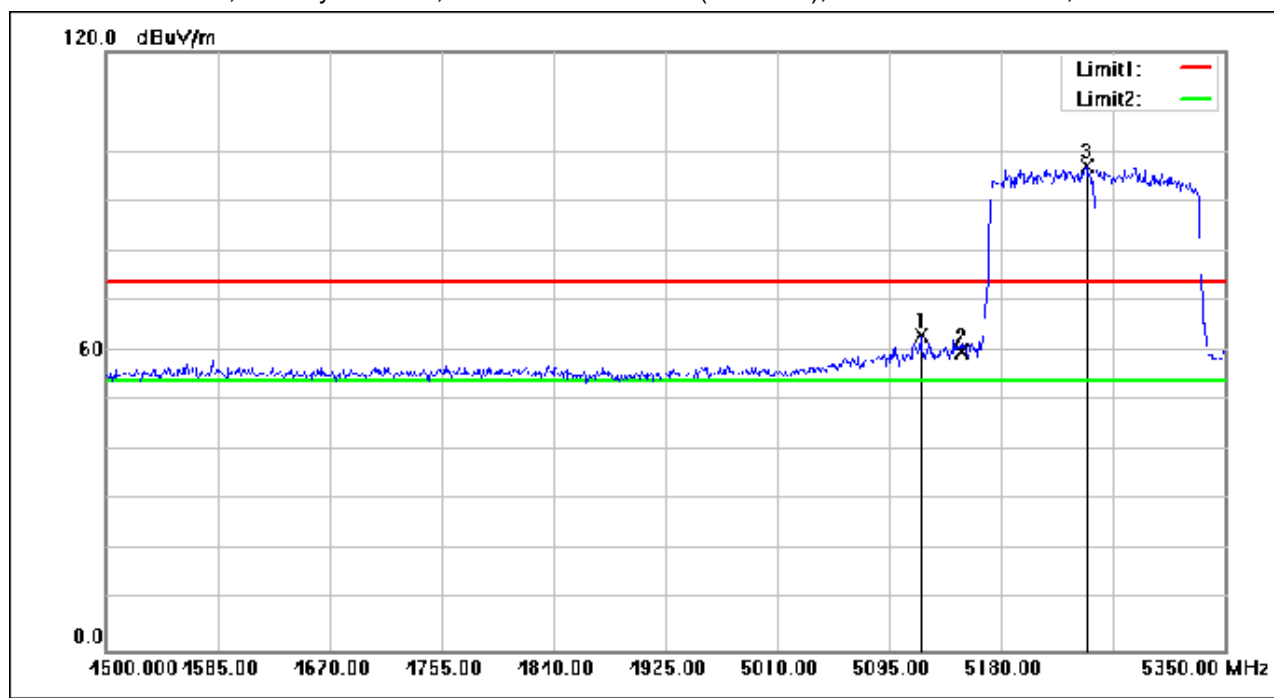
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5118.800	81.35	-18.26	63.09	74.00	-10.91	peak
2	5150.000	78.10	-18.21	59.89	74.00	-14.11	peak
3	5244.600	115.23	-18.08	97.15	74.00	23.15	peak

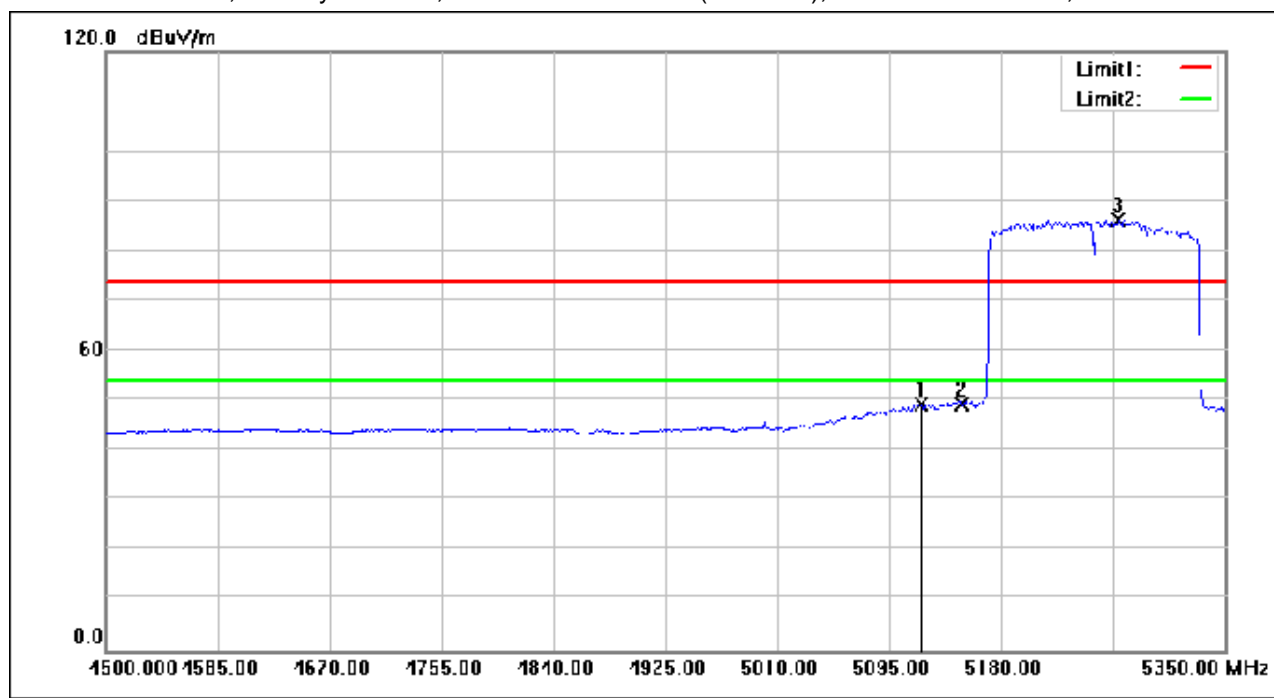
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Test Mode: 01; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5119.650	67.60	-18.26	49.34	54.00	-4.66	AVG
2	5150.000	67.59	-18.21	49.38	54.00	-4.62	AVG
3	5269.250	104.26	-18.04	86.22	54.00	32.22	AVG

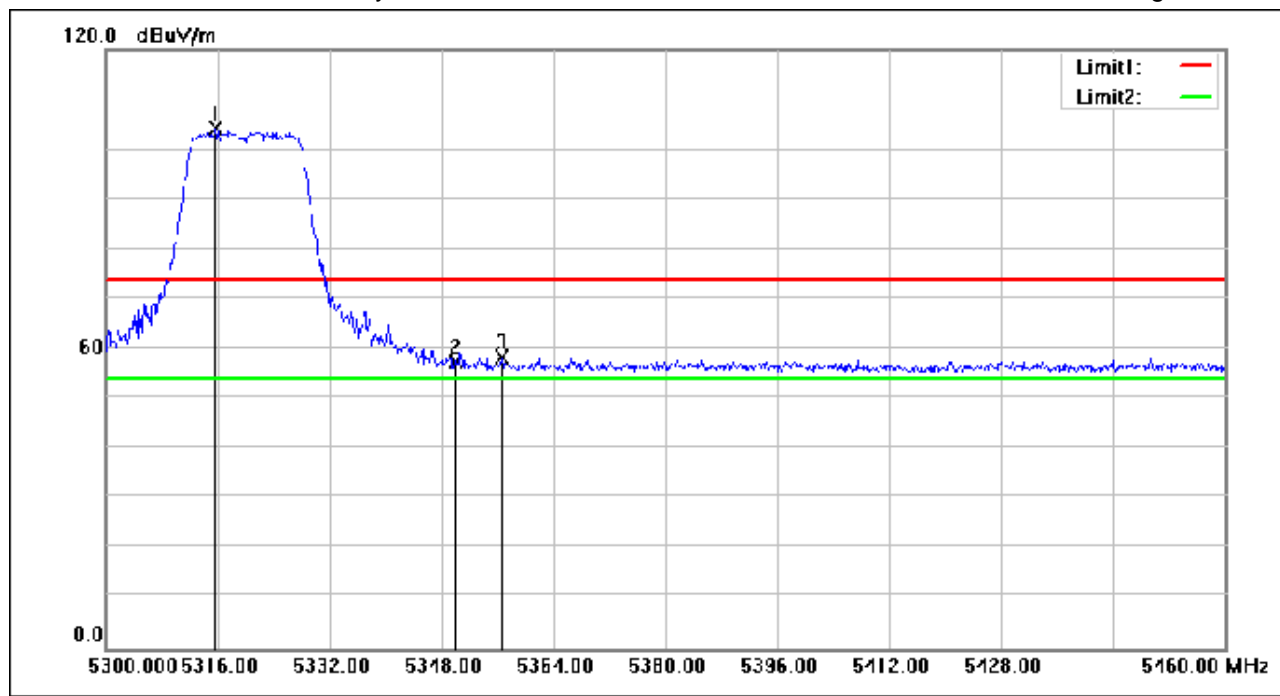
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5315.680	122.36	-17.97	104.39	74.00	30.39	peak
2	5350.000	75.43	-17.92	57.51	74.00	-16.49	peak
3	5356.640	76.34	-17.91	58.43	74.00	-15.57	peak

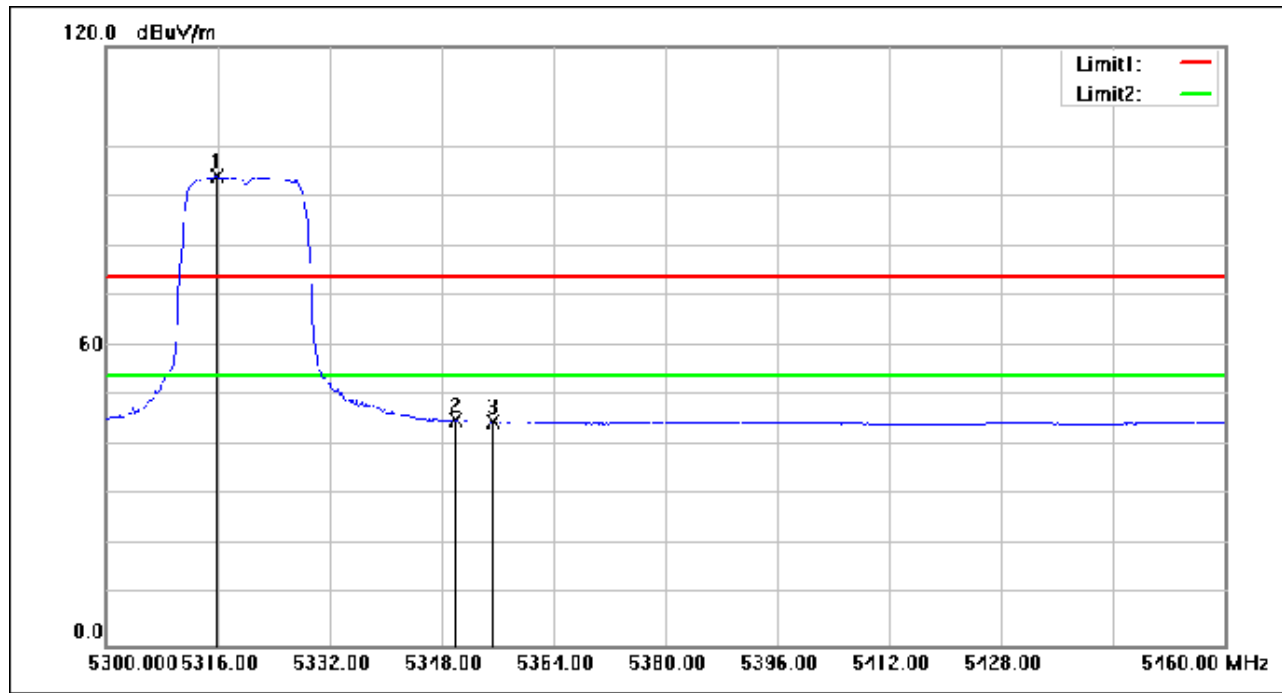
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Test Mode: 02; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5315.840	112.02	-17.97	94.05	54.00	40.05	AVG
2	5350.000	63.12	-17.92	45.20	54.00	-8.80	AVG
3	5355.360	62.78	-17.91	44.87	54.00	-9.13	AVG

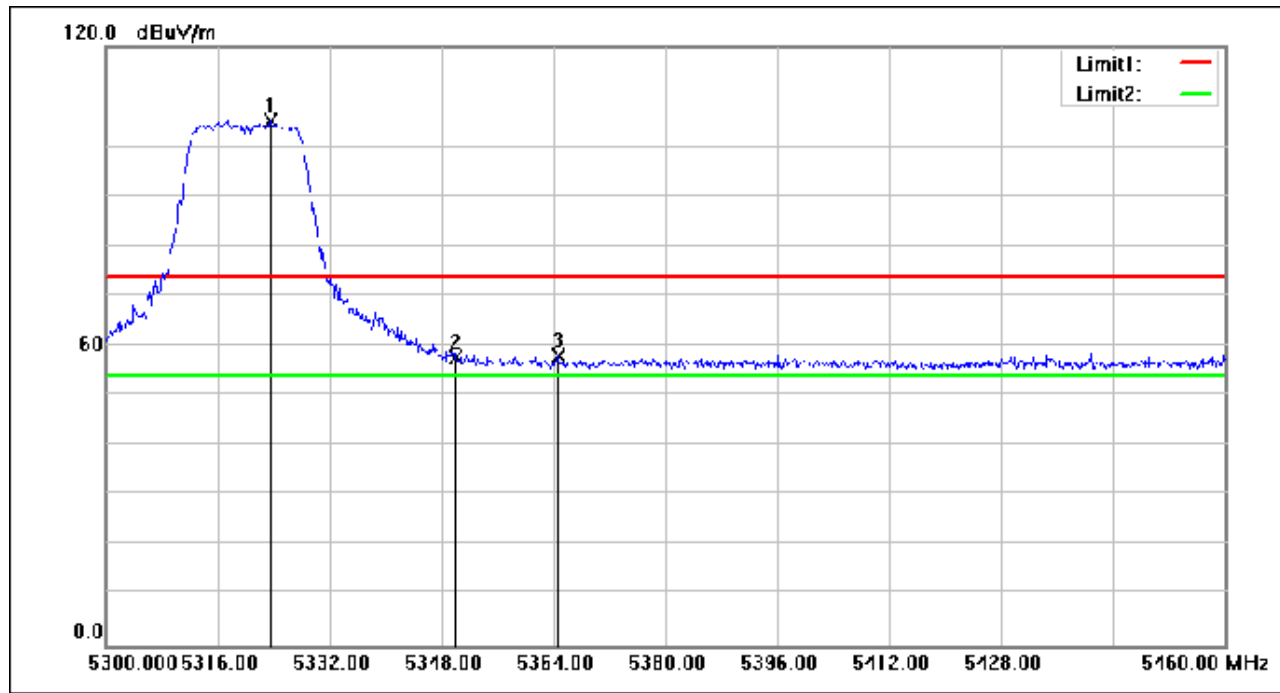
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.520	123.07	-17.96	105.11	74.00	31.11	peak
2	5350.000	75.70	-17.92	57.78	74.00	-16.22	peak
3	5364.640	75.98	-17.90	58.08	74.00	-15.92	peak

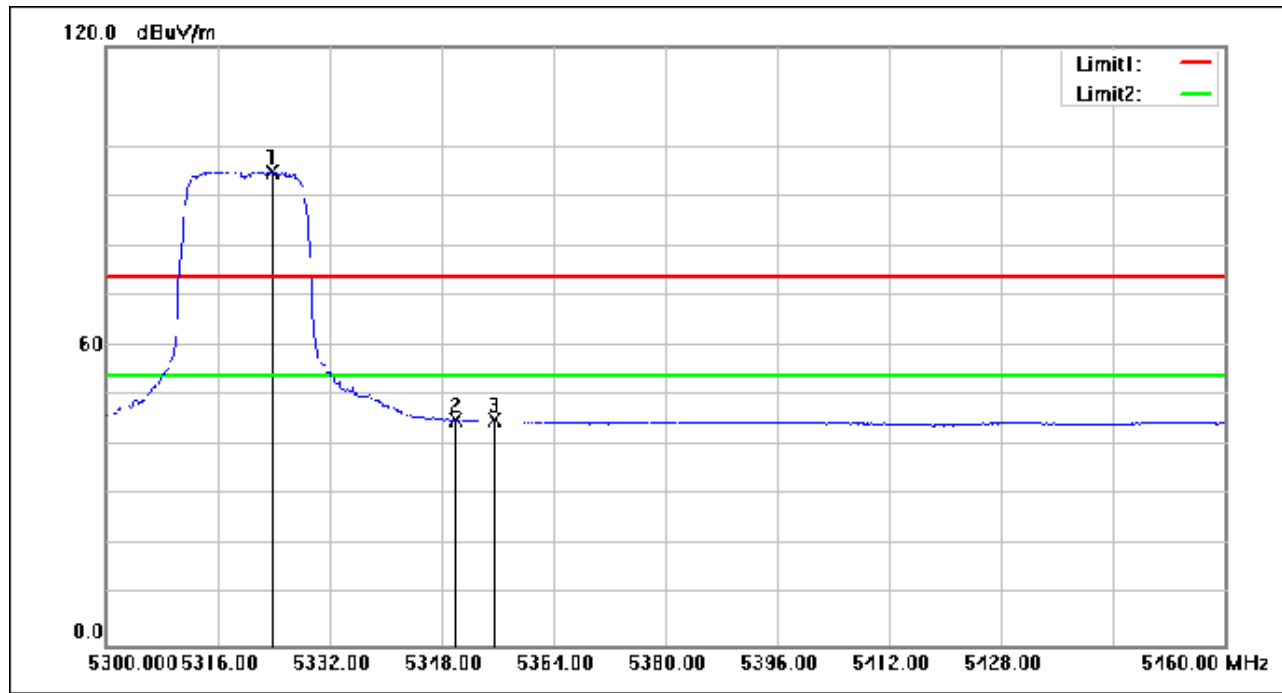
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Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.840	112.89	-17.96	94.93	54.00	40.93	AVG
2	5350.000	63.06	-17.92	45.14	54.00	-8.86	AVG
3	5355.520	62.95	-17.91	45.04	54.00	-8.96	AVG

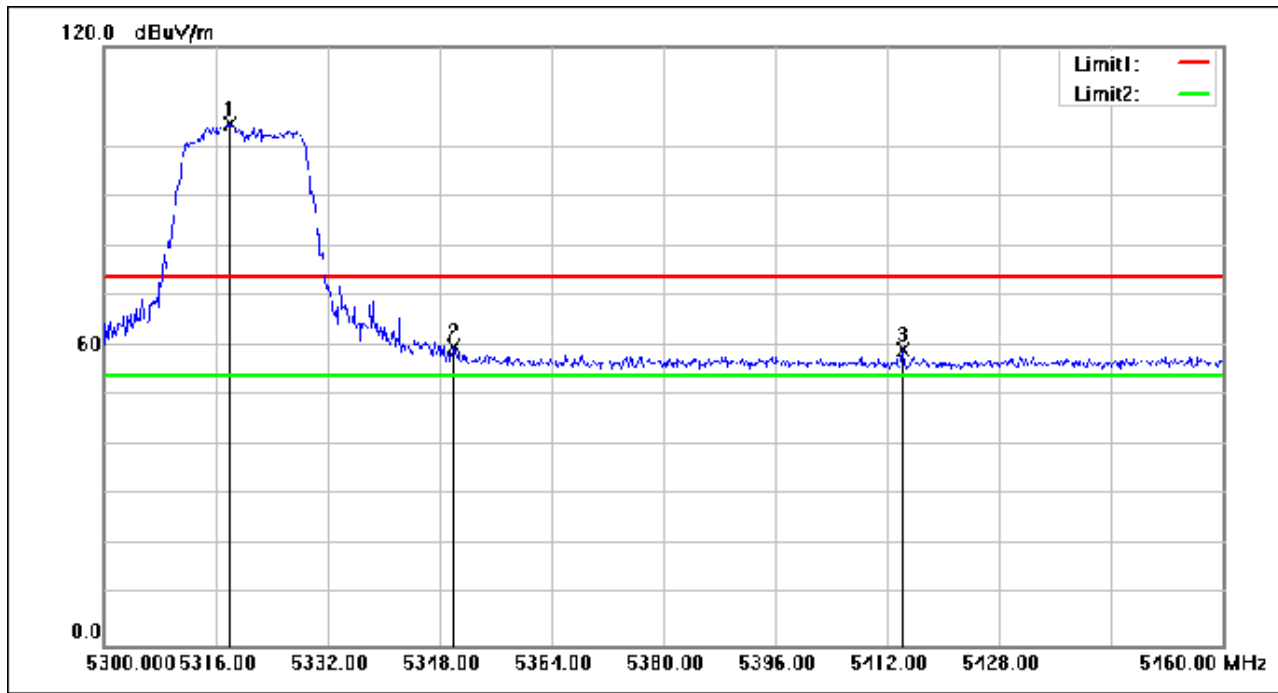
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.920	122.53	-17.96	104.57	74.00	30.57	peak
2	5350.000	77.78	-17.92	59.86	74.00	-14.14	peak
3	5414.240	77.04	-17.82	59.22	74.00	-14.78	peak

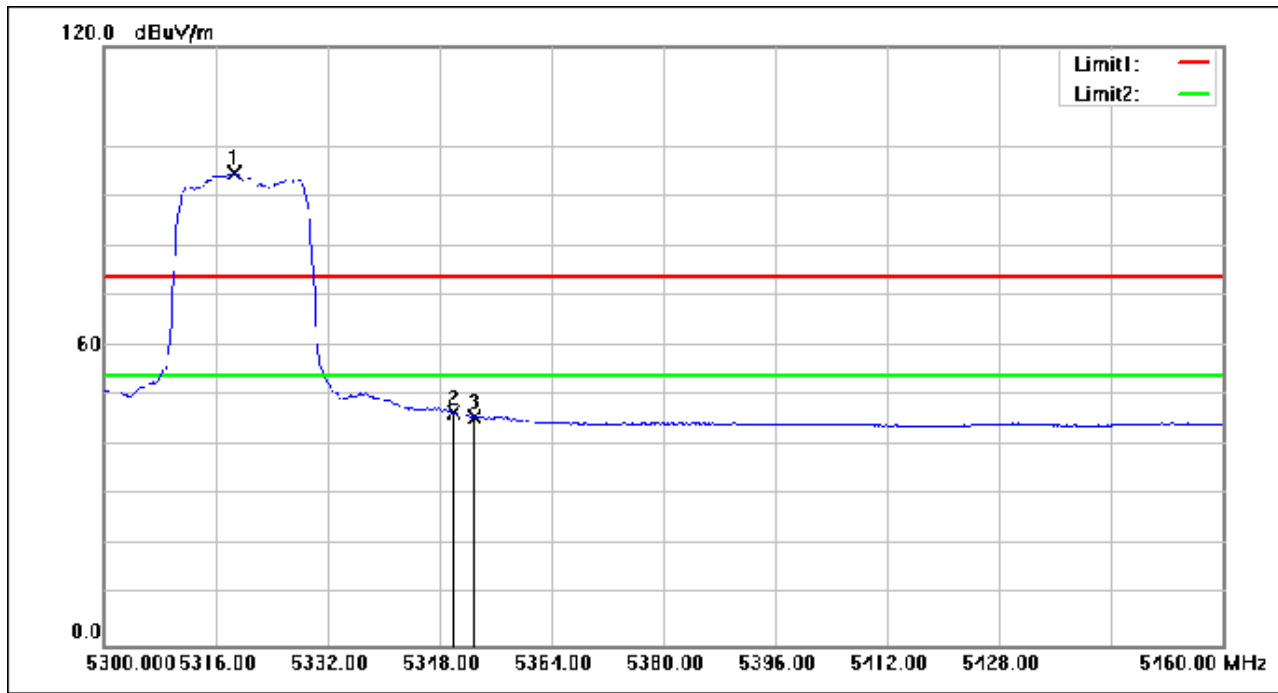
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.720	112.63	-17.96	94.67	54.00	40.67	AVG
2	5350.000	64.61	-17.92	46.69	54.00	-7.31	AVG
3	5352.960	63.76	-17.91	45.85	54.00	-8.15	AVG

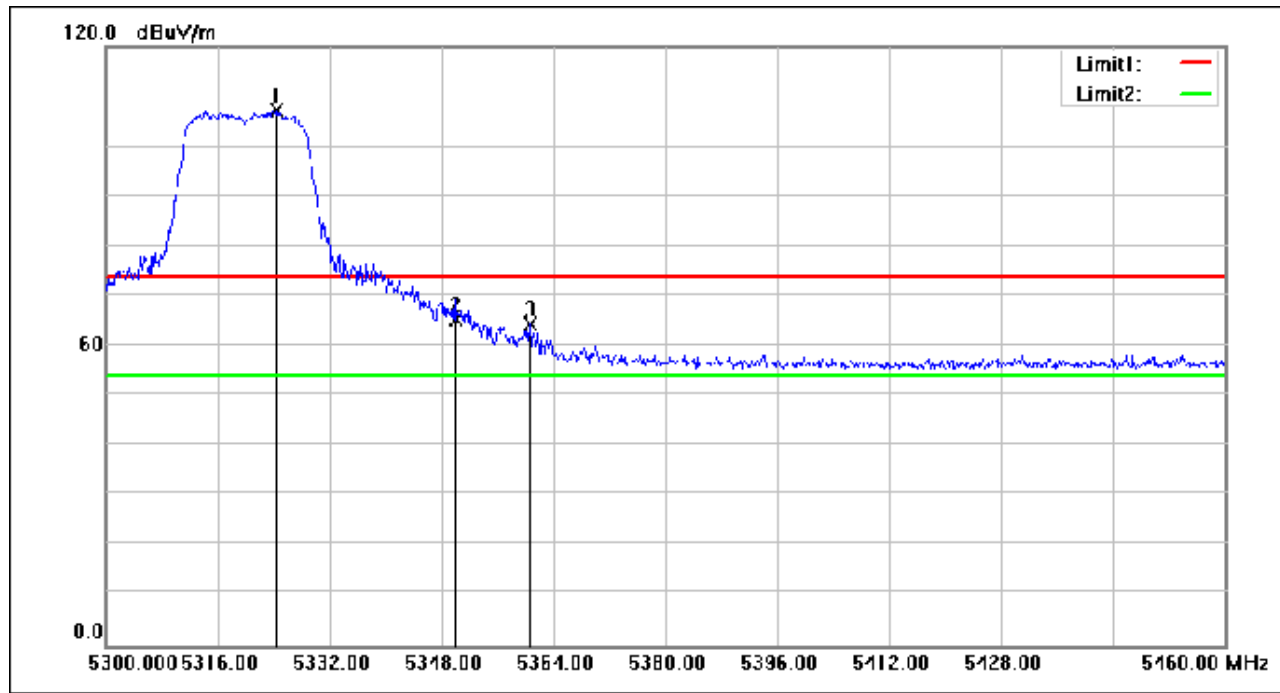
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.480	125.27	-17.96	107.31	74.00	33.31	peak
2	5350.000	83.29	-17.92	65.37	74.00	-8.63	peak
3	5360.640	82.21	-17.90	64.31	74.00	-9.69	peak

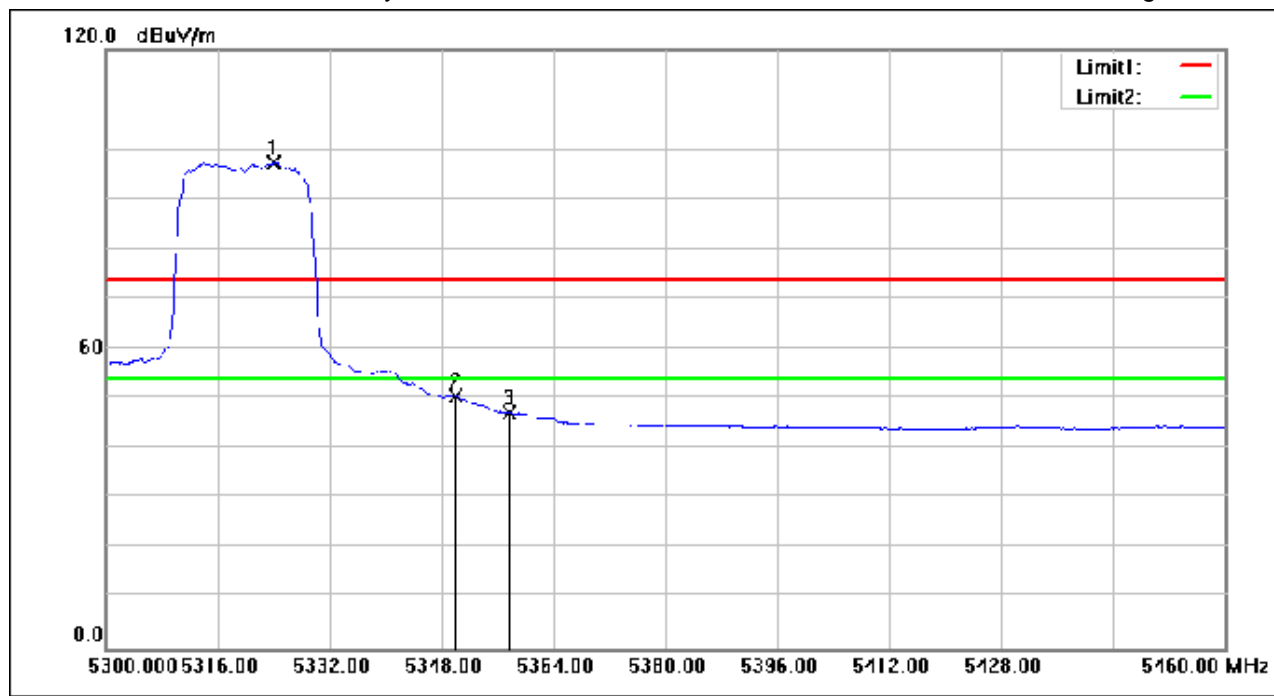
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.000	115.38	-17.96	97.42	54.00	43.42	AVG
2	5350.000	68.50	-17.92	50.58	54.00	-3.42	AVG
3	5357.760	65.27	-17.91	47.36	54.00	-6.64	AVG

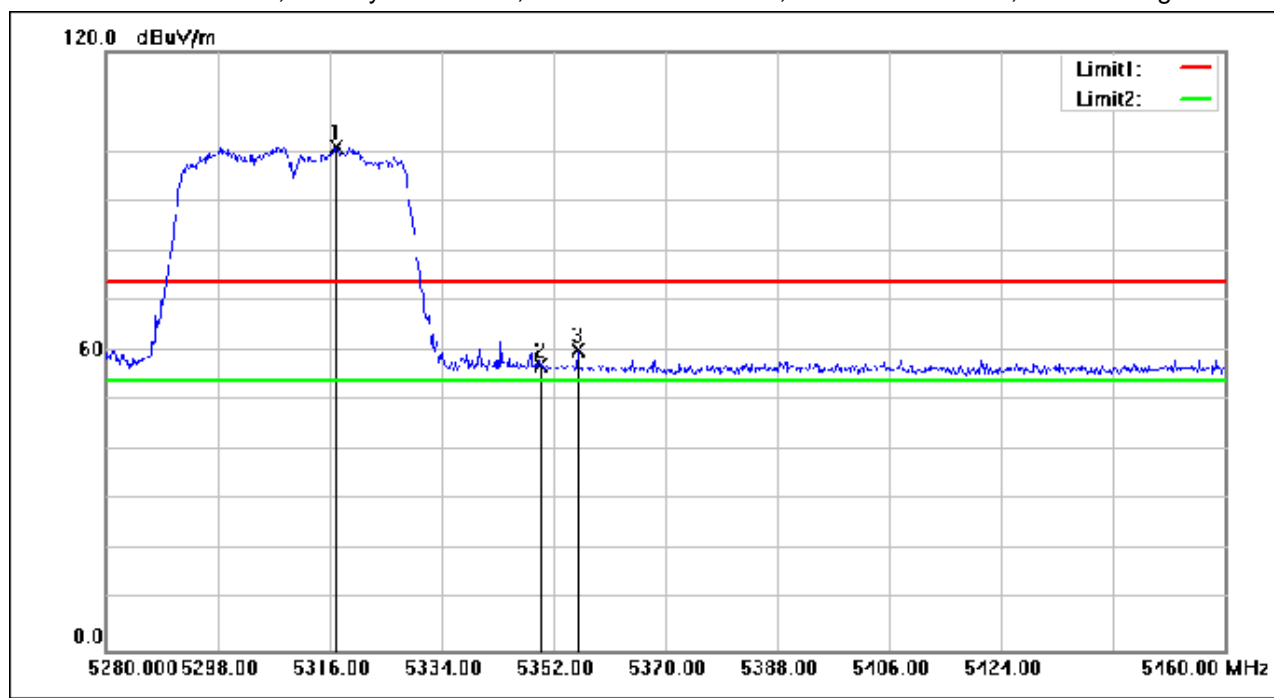
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.080	118.99	-17.96	101.03	74.00	27.03	peak
2	5350.000	74.93	-17.92	57.01	74.00	-16.99	peak
3	5355.960	78.16	-17.91	60.25	74.00	-13.75	peak

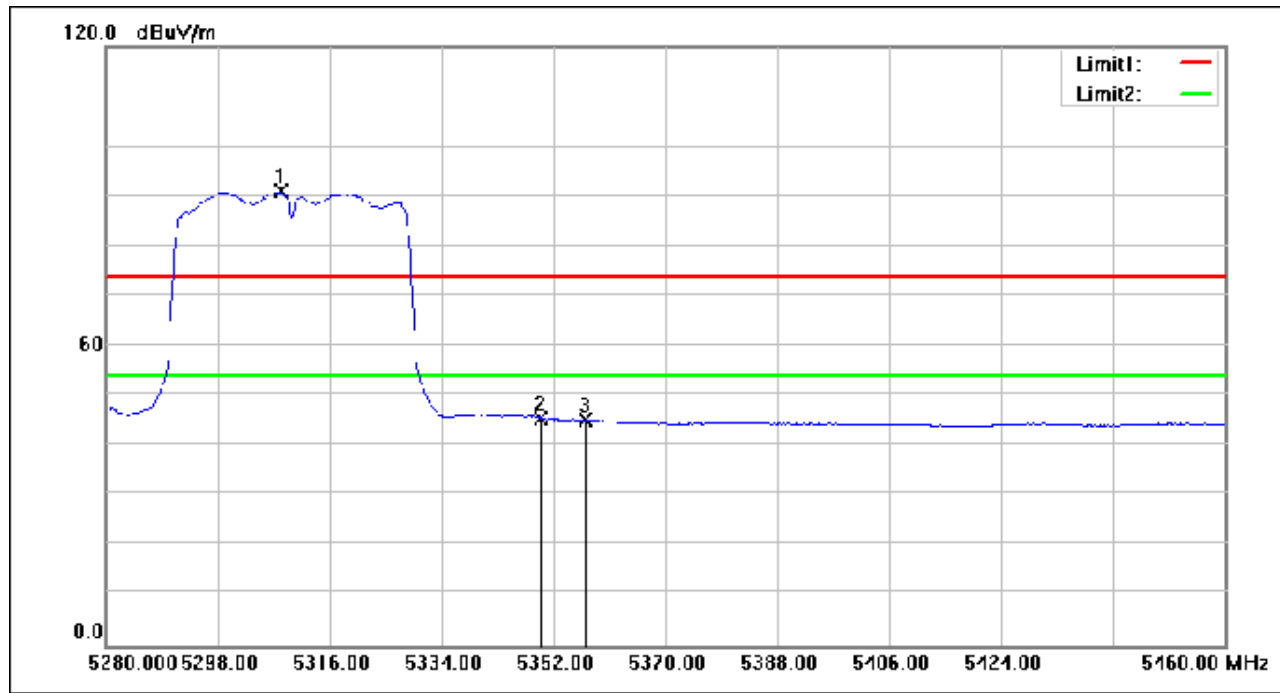
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.260	108.90	-17.98	90.92	54.00	36.92	AVG
2	5350.000	63.47	-17.92	45.55	54.00	-8.45	AVG
3	5357.040	63.15	-17.91	45.24	54.00	-8.76	AVG

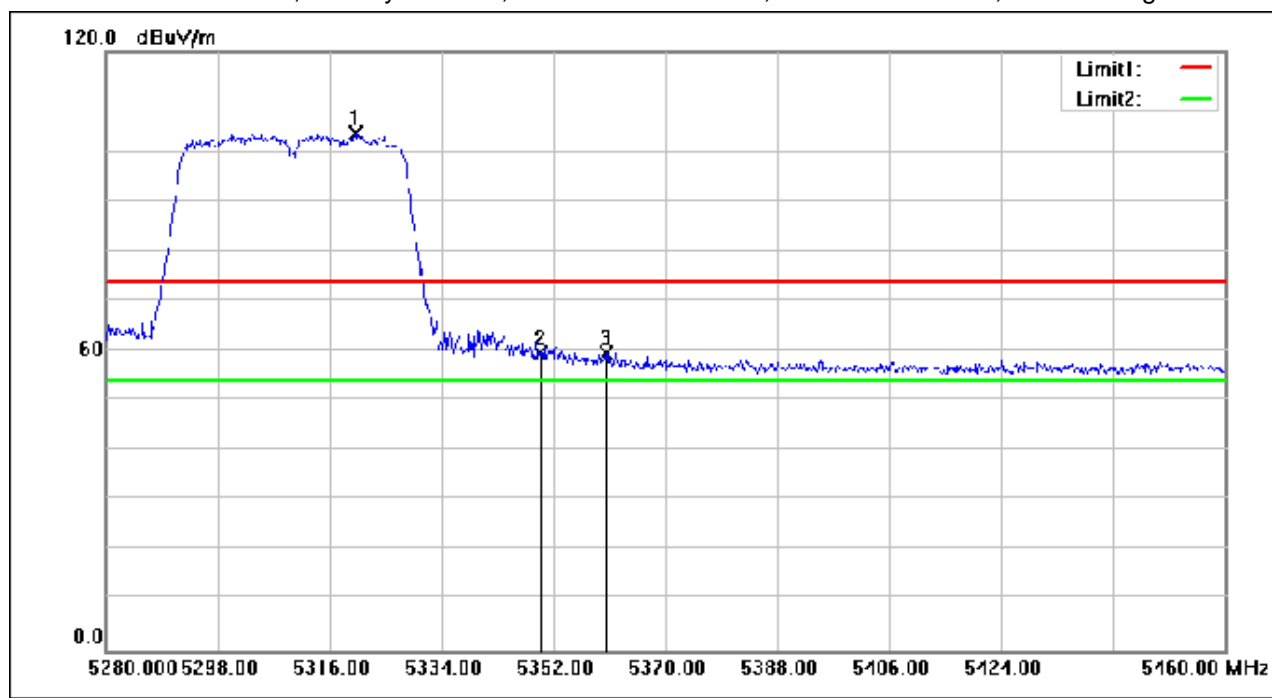
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5320.140	121.55	-17.96	103.59	74.00	29.59	peak
2	5350.000	77.47	-17.92	59.55	74.00	-14.45	peak
3	5360.460	77.58	-17.90	59.68	74.00	-14.32	peak

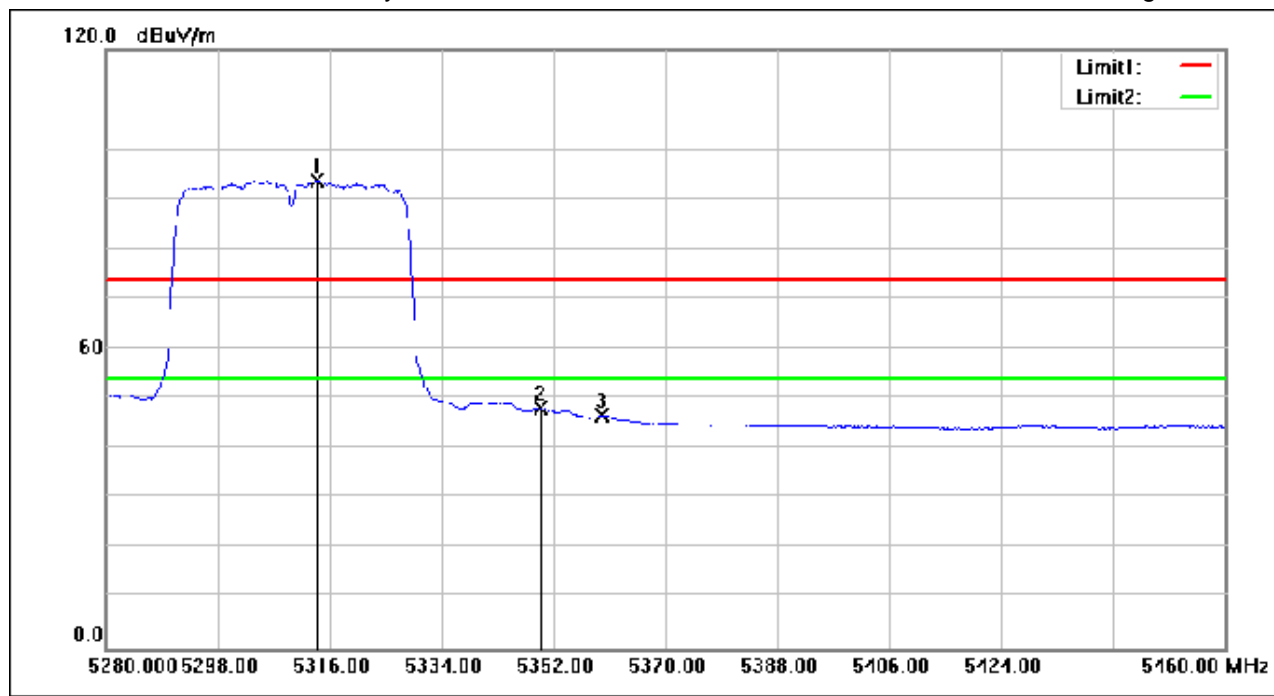
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.020	111.66	-17.97	93.69	54.00	39.69	AVG
2	5350.000	66.00	-17.92	48.08	54.00	-5.92	AVG
3	5359.740	64.57	-17.90	46.67	54.00	-7.33	AVG

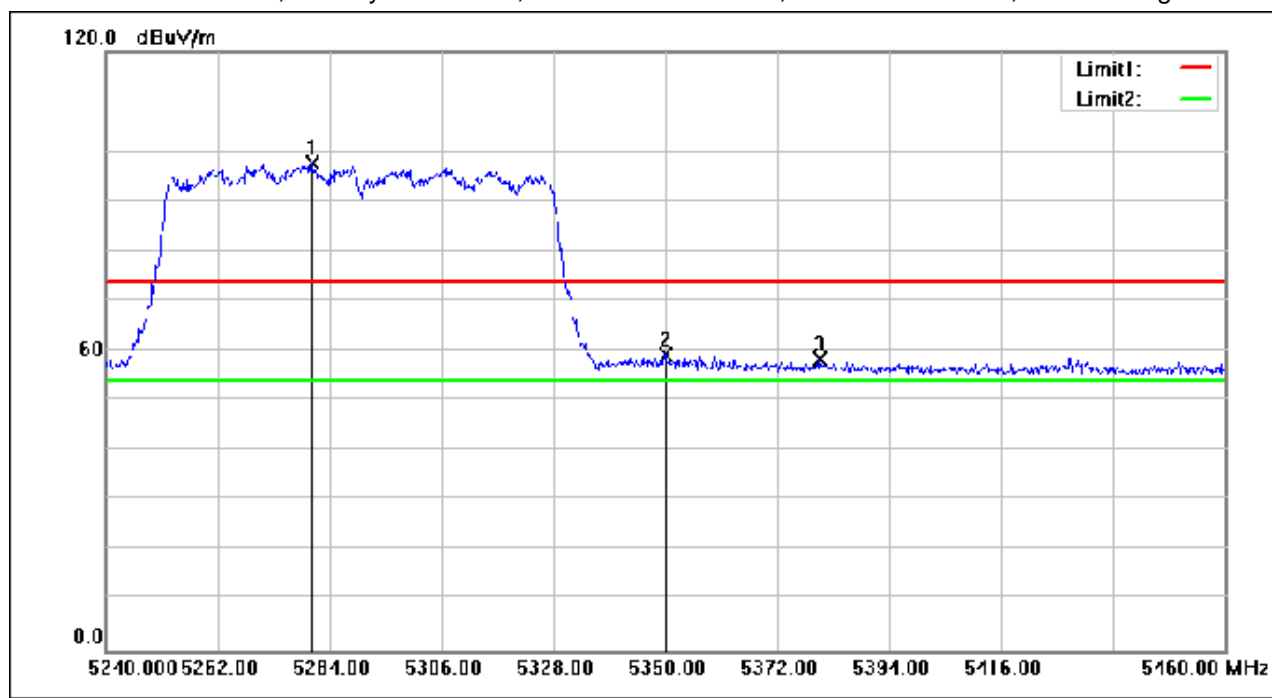
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.700	115.80	-18.02	97.78	74.00	23.78	peak
2	5350.000	77.26	-17.92	59.34	74.00	-14.66	peak
3	5380.360	76.34	-17.87	58.47	74.00	-15.53	peak

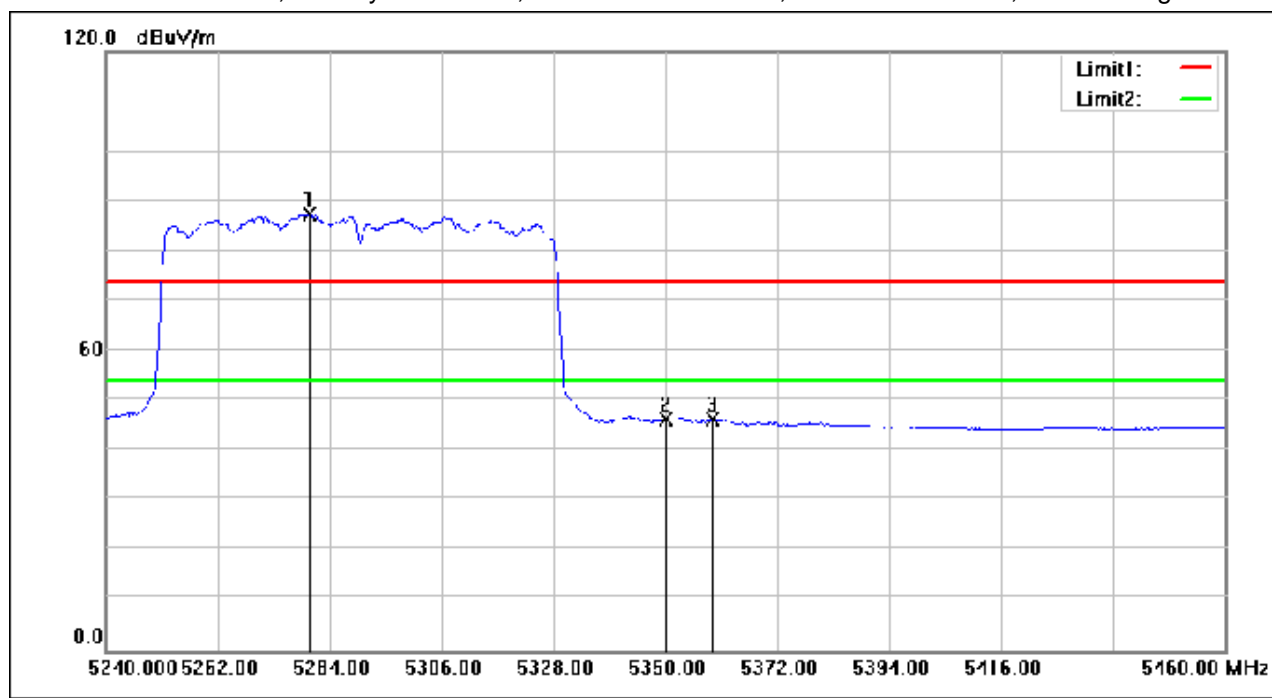
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.040	105.57	-18.02	87.55	54.00	33.55	AVG
2	5350.000	64.13	-17.92	46.21	54.00	-7.79	AVG
3	5359.240	64.28	-17.90	46.38	54.00	-7.62	AVG

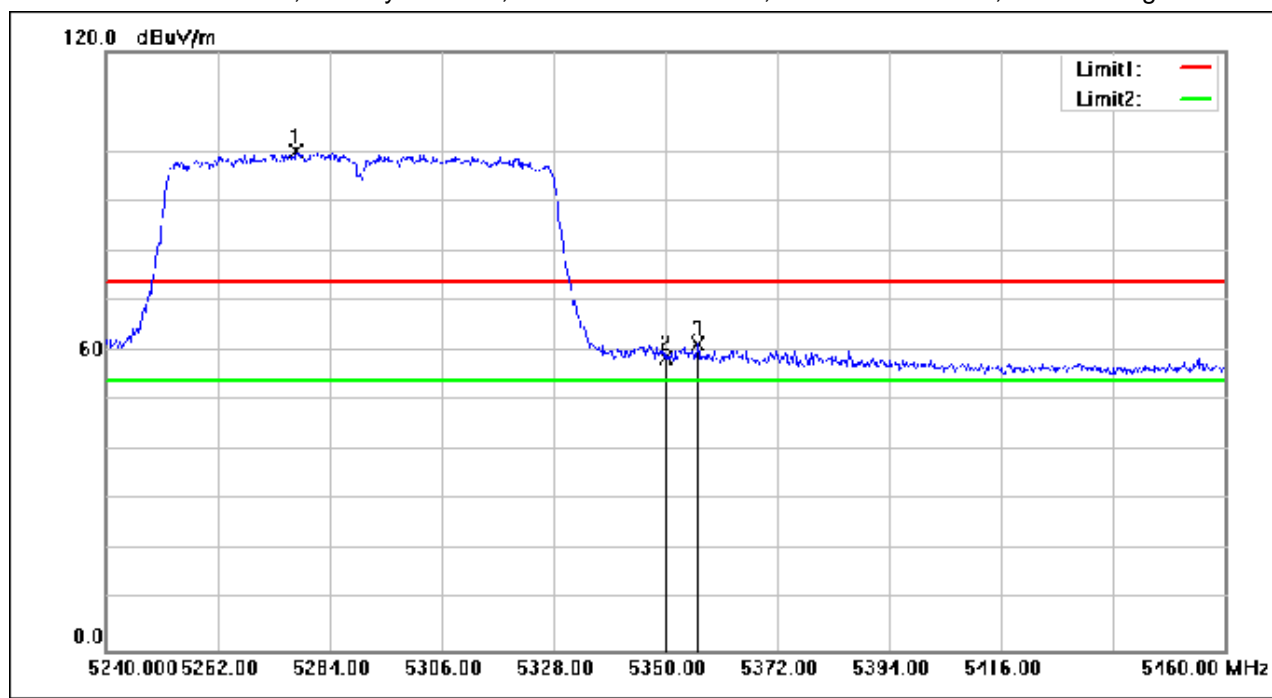
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5277.400	117.97	-18.02	99.95	74.00	25.95	peak
2	5350.000	76.72	-17.92	58.80	74.00	-15.20	peak
3	5356.380	79.15	-17.91	61.24	74.00	-12.76	peak

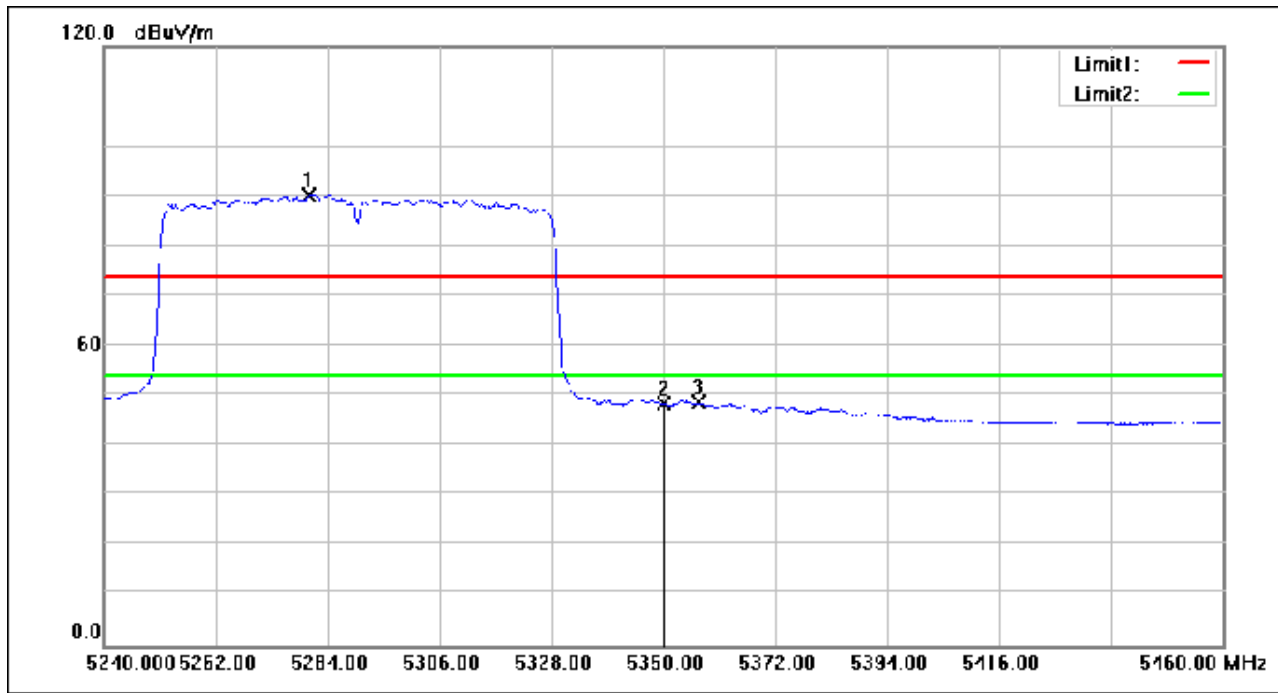
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.260	108.25	-18.02	90.23	54.00	36.23	AVG
2	5350.000	66.46	-17.92	48.54	54.00	-5.46	AVG
3	5356.820	66.72	-17.91	48.81	54.00	-5.19	AVG

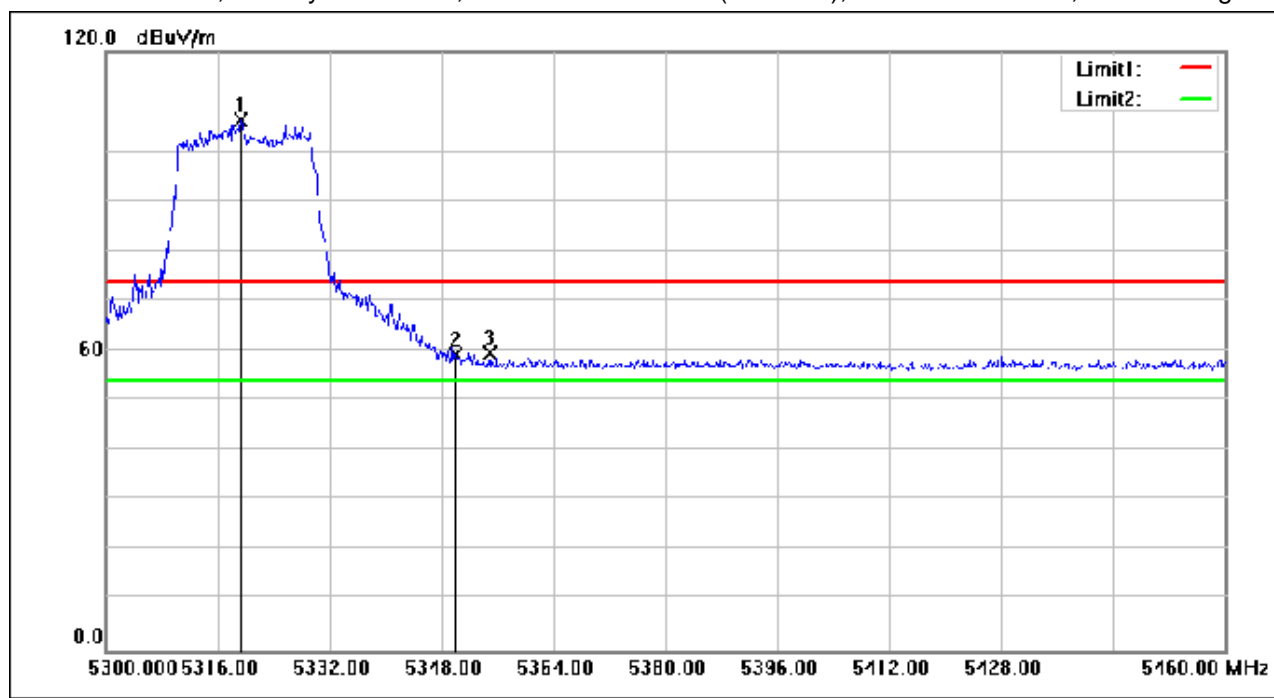
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5319.200	124.39	-17.96	106.43	74.00	32.43	peak
2	5350.000	77.13	-17.92	59.21	74.00	-14.79	peak
3	5354.880	77.57	-17.91	59.66	74.00	-14.34	peak

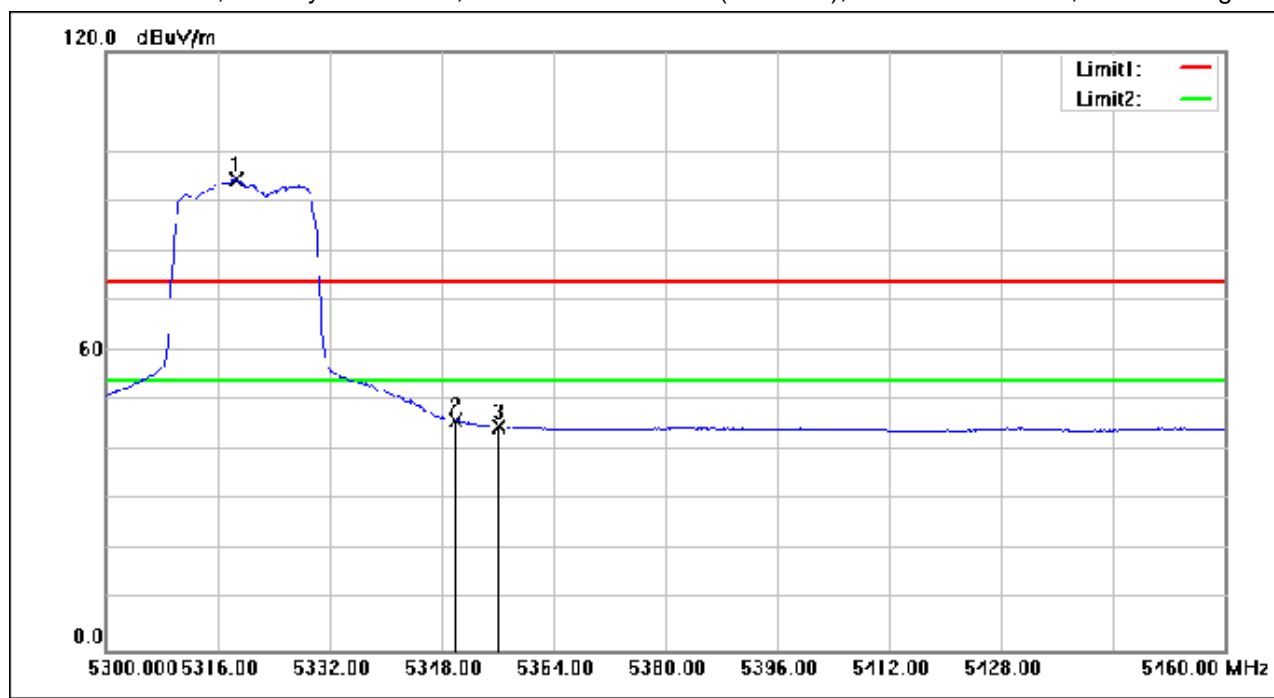
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	112.37	-17.96	94.41	54.00	40.41	AVG
2	5350.000	63.95	-17.92	46.03	54.00	-7.97	AVG
3	5356.160	62.83	-17.91	44.92	54.00	-9.08	AVG

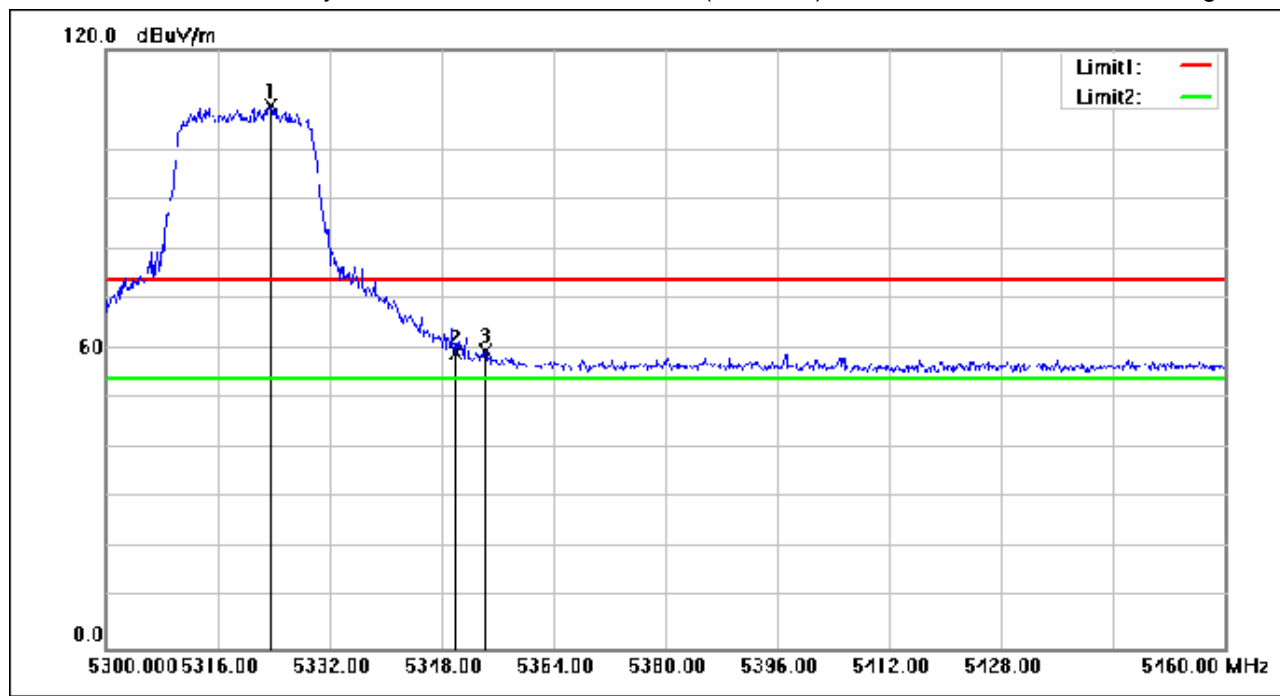
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.520	126.75	-17.96	108.79	74.00	34.79	peak
2	5350.000	77.10	-17.92	59.18	74.00	-14.82	peak
3	5354.240	77.53	-17.91	59.62	74.00	-14.38	peak

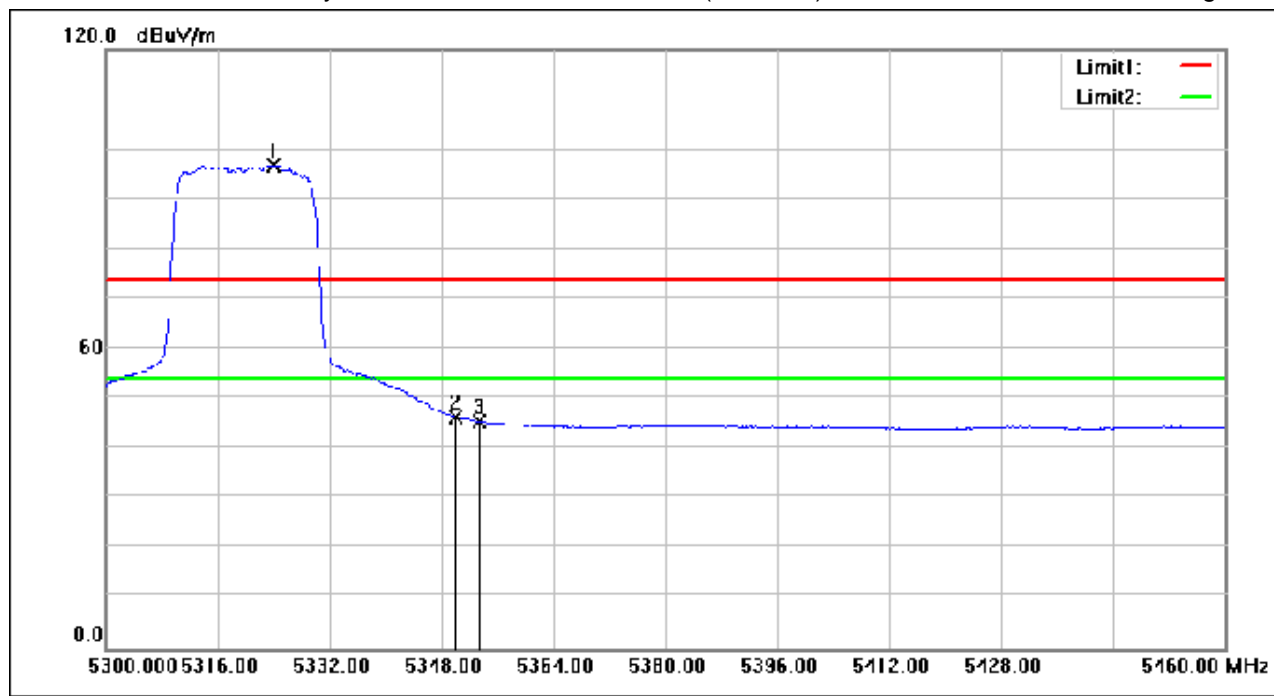
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5324.000	114.83	-17.96	96.87	54.00	42.87	AVG
2	5350.000	64.33	-17.92	46.41	54.00	-7.59	AVG
3	5353.440	63.49	-17.91	45.58	54.00	-8.42	AVG

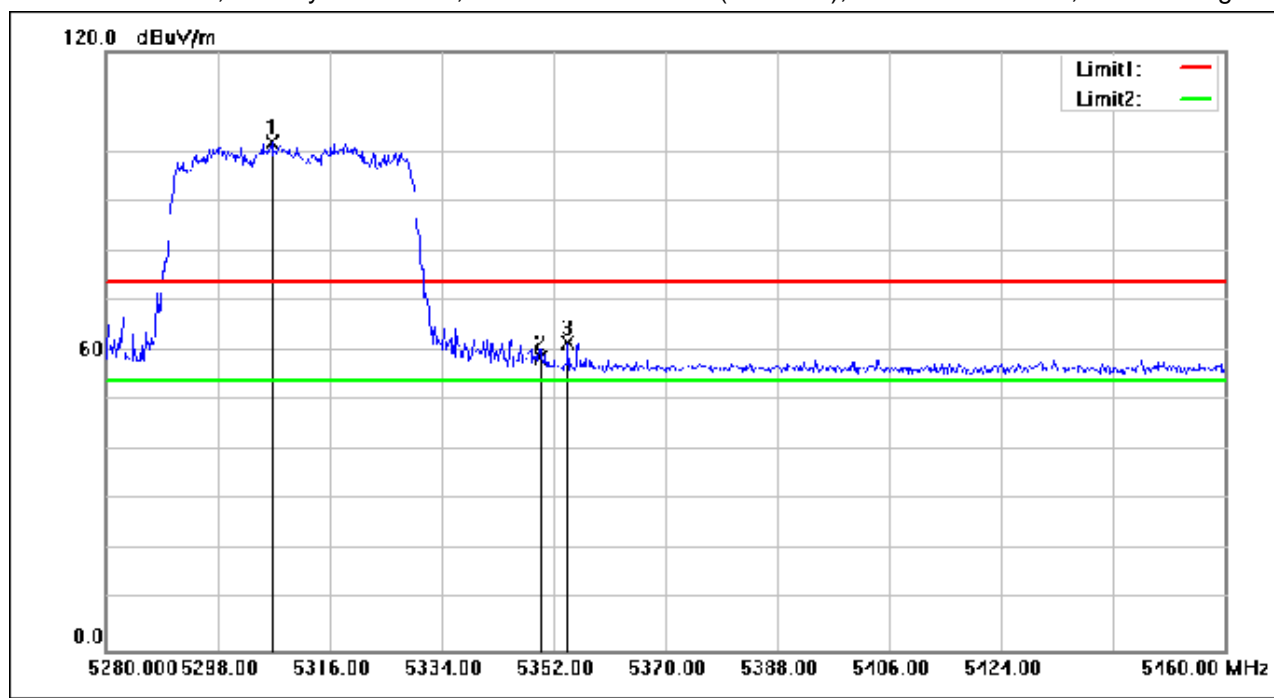
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5306.640	119.82	-17.98	101.84	74.00	27.84	peak
2	5350.000	76.53	-17.92	58.61	74.00	-15.39	peak
3	5354.340	79.44	-17.91	61.53	74.00	-12.47	peak

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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.440	108.35	-17.98	90.37	54.00	36.37	AVG
2	5350.000	63.77	-17.92	45.85	54.00	-8.15	AVG
3	5357.400	63.44	-17.91	45.53	54.00	-8.47	AVG

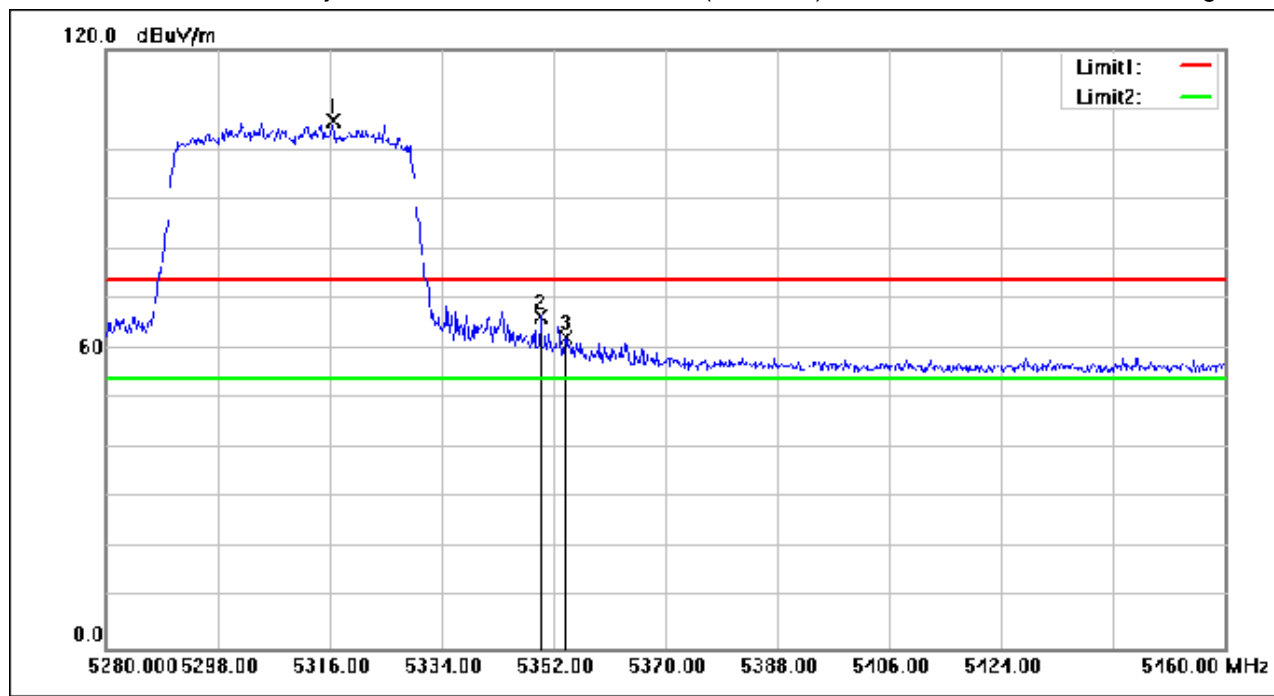
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5316.540	123.83	-17.97	105.86	74.00	31.86	peak
2	5350.000	84.52	-17.92	66.60	74.00	-7.40	peak
3	5353.980	80.28	-17.91	62.37	74.00	-11.63	peak

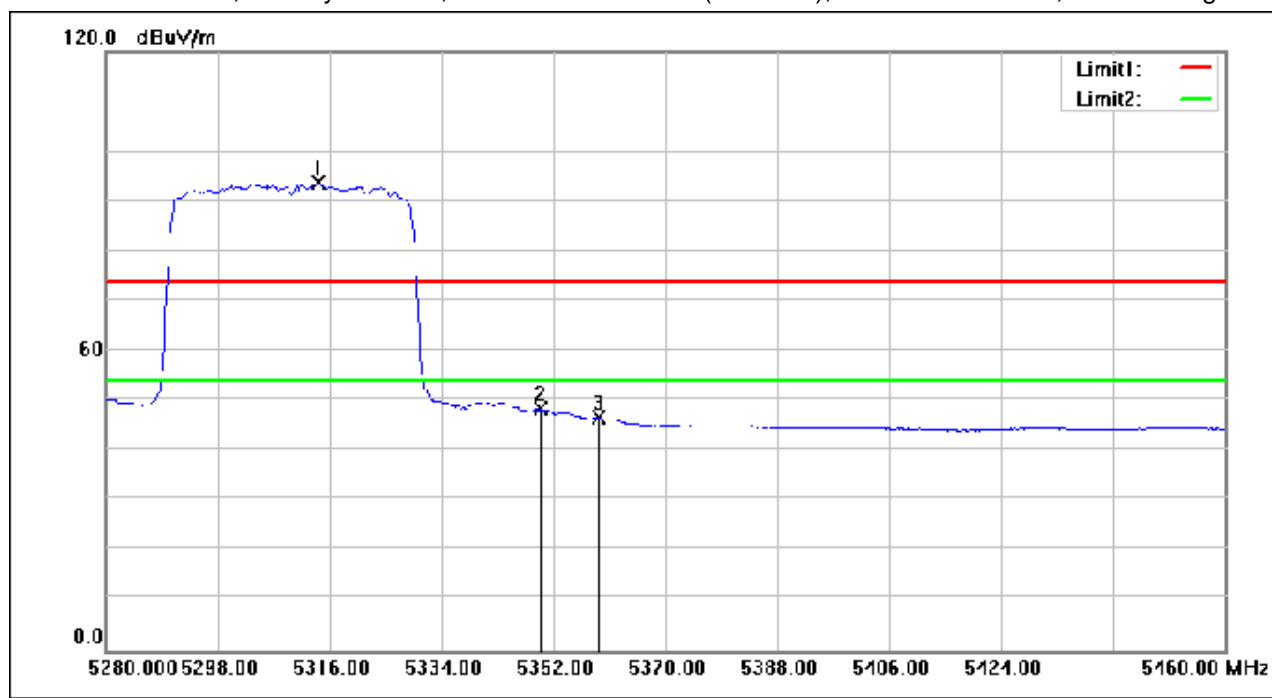
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.200	111.65	-17.97	93.68	54.00	39.68	AVG
2	5350.000	66.31	-17.92	48.39	54.00	-5.61	AVG
3	5359.200	64.52	-17.90	46.62	54.00	-7.38	AVG

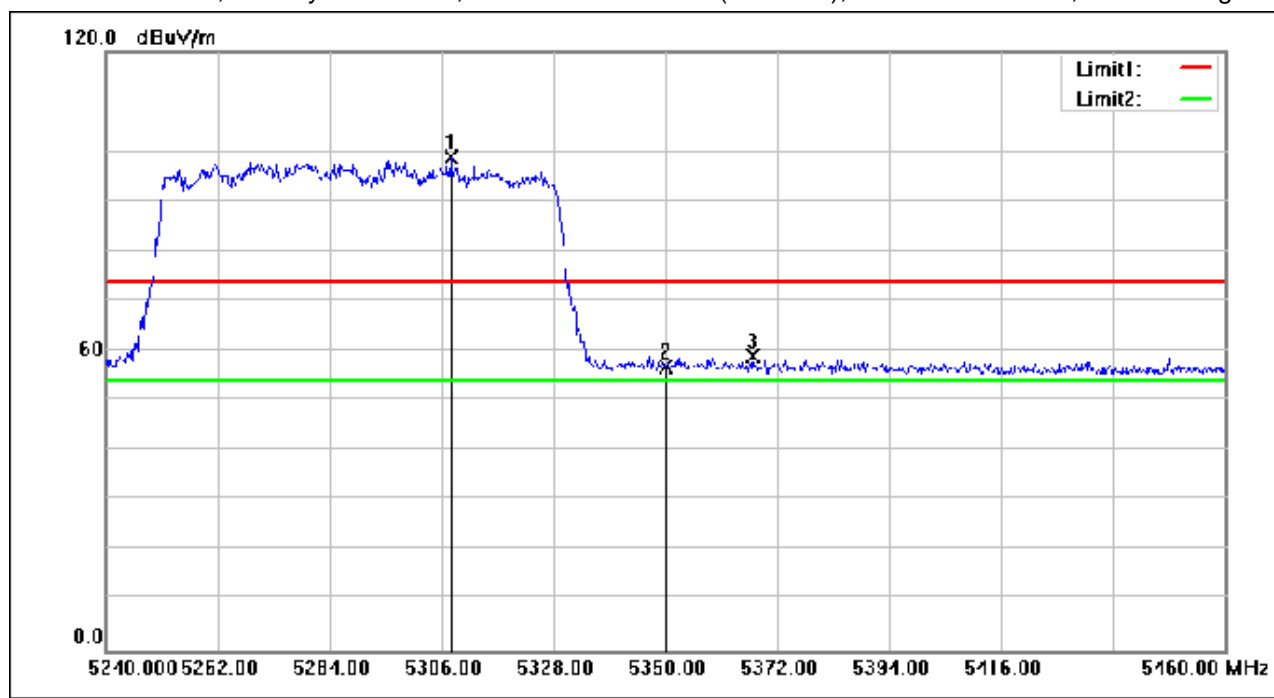
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5307.760	116.74	-17.98	98.76	74.00	24.76	peak
2	5350.000	74.92	-17.92	57.00	74.00	-17.00	peak
3	5367.160	76.84	-17.90	58.94	74.00	-15.06	peak

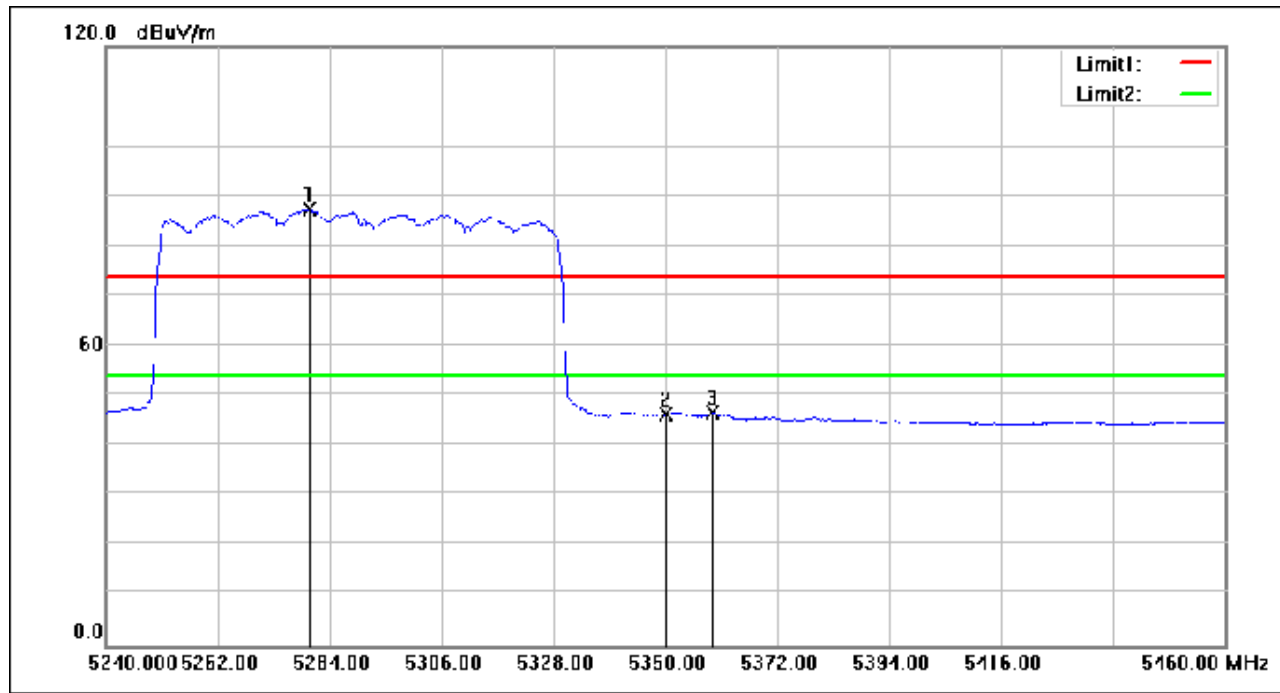
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Test Mode: 02; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.040	105.36	-18.02	87.34	54.00	33.34	AVG
2	5350.000	64.29	-17.92	46.37	54.00	-7.63	AVG
3	5359.240	64.54	-17.90	46.64	54.00	-7.36	AVG

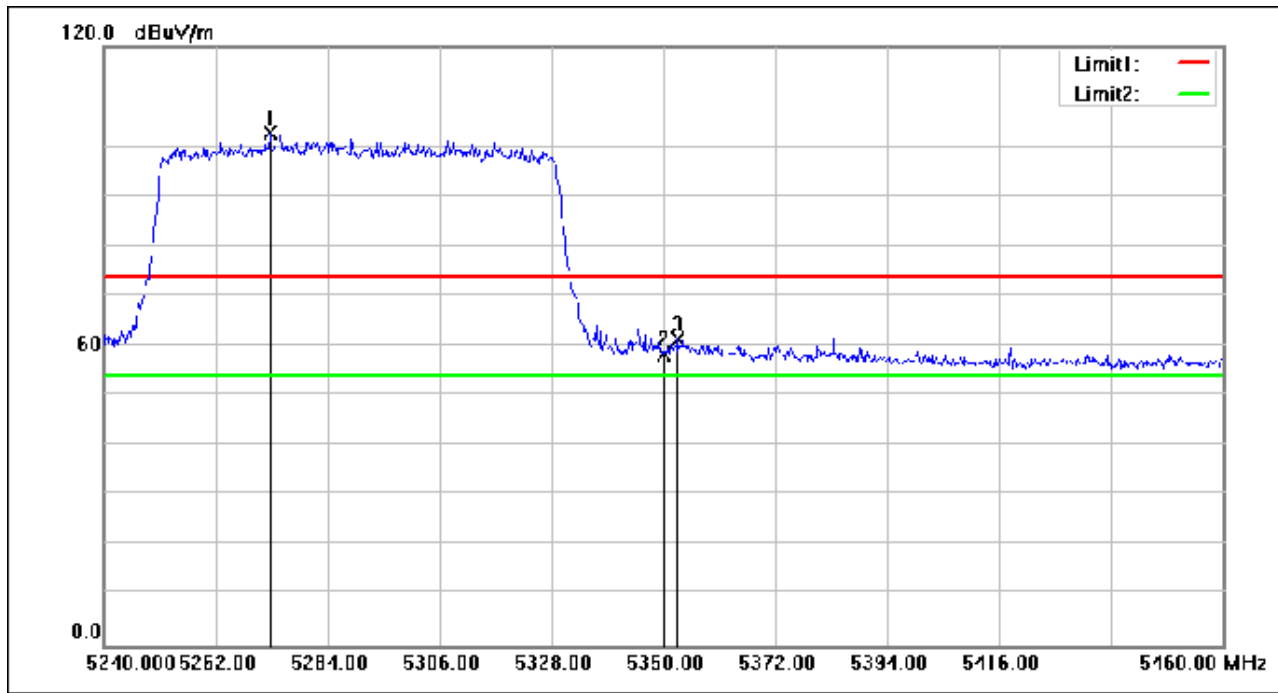
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5272.560	120.71	-18.03	102.68	74.00	28.68	peak
2	5350.000	76.21	-17.92	58.29	74.00	-15.71	peak
3	5352.860	79.35	-17.91	61.44	74.00	-12.56	peak

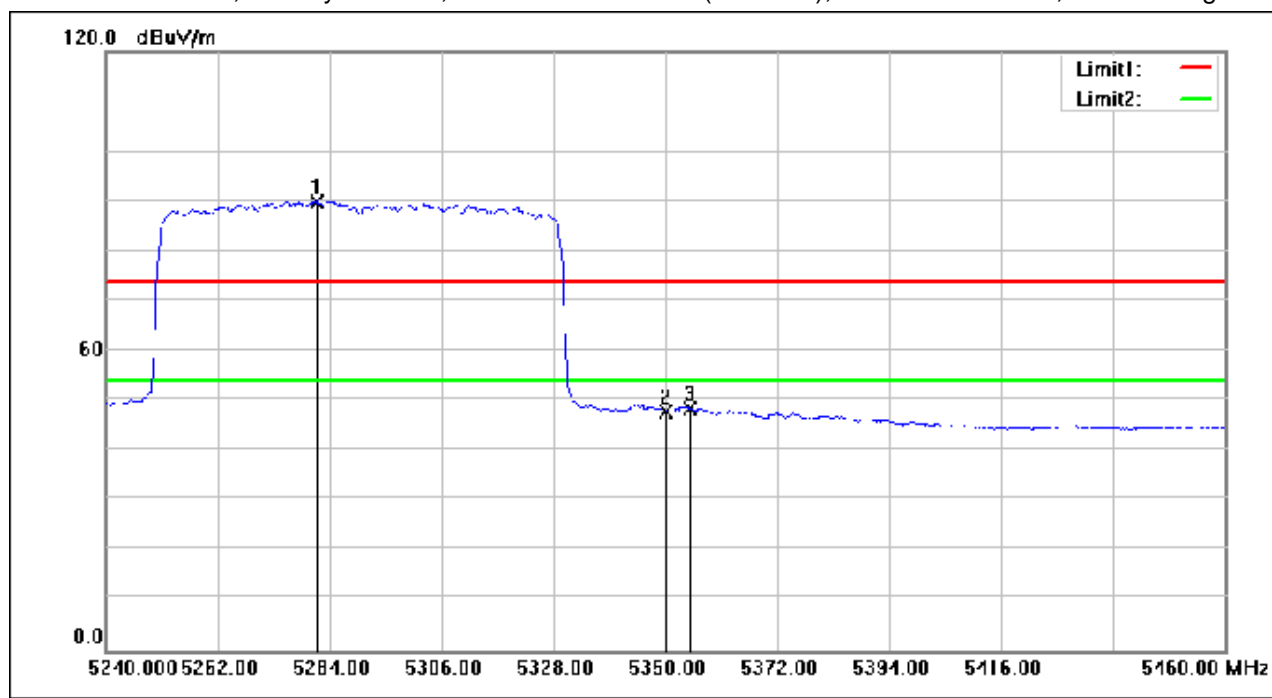
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Test Mode: 02; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5281.360	108.02	-18.02	90.00	54.00	36.00	AVG
2	5350.000	65.77	-17.92	47.85	54.00	-6.15	AVG
3	5354.840	66.40	-17.91	48.49	54.00	-5.51	AVG

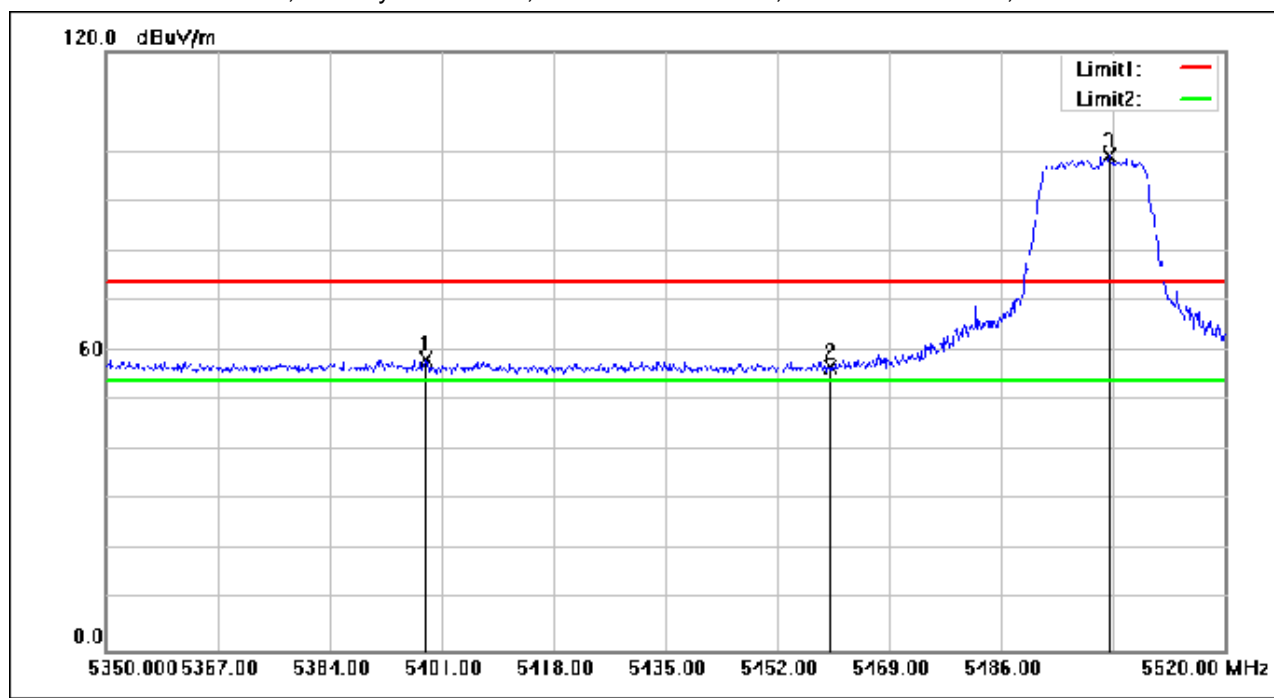
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5398.620	76.12	-17.85	58.27	74.00	-15.73	peak
2	5460.000	74.61	-17.76	56.85	74.00	-17.15	peak
3	5502.320	116.89	-17.69	99.20	74.00	25.20	peak

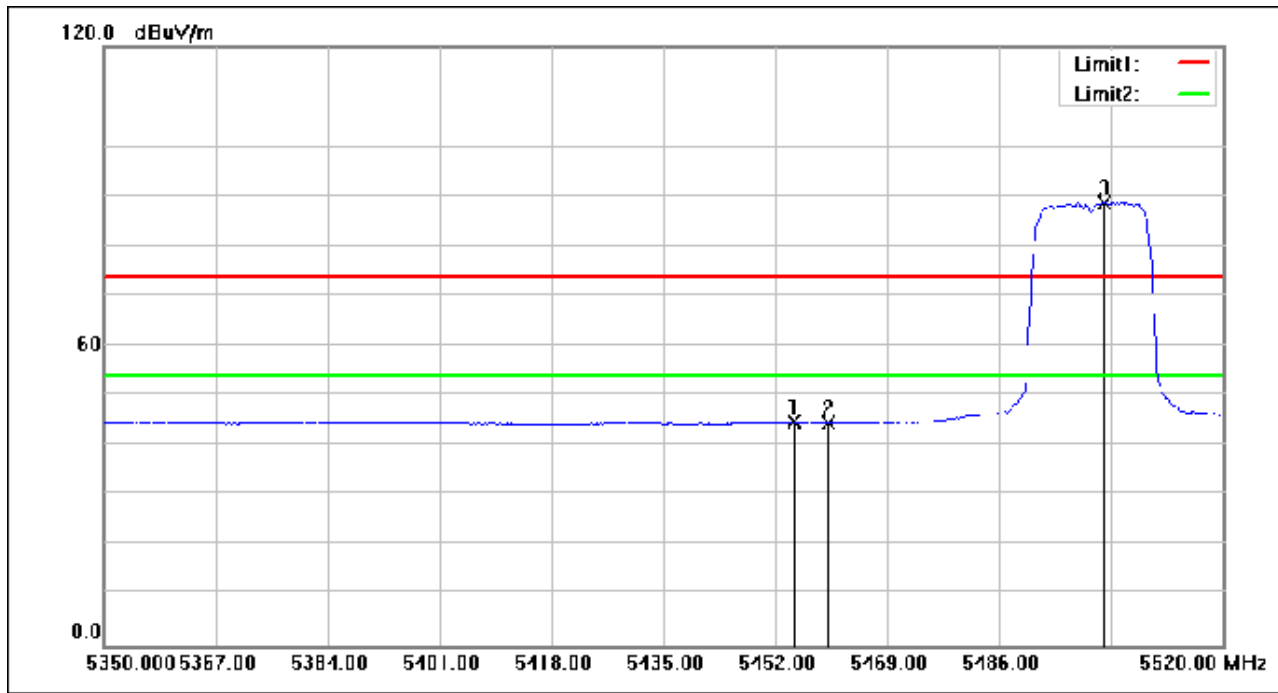
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.720	62.53	-17.76	44.77	54.00	-9.23	AVG
2	5460.000	62.32	-17.76	44.56	54.00	-9.44	AVG
3	5501.980	106.43	-17.70	88.73	54.00	34.73	AVG

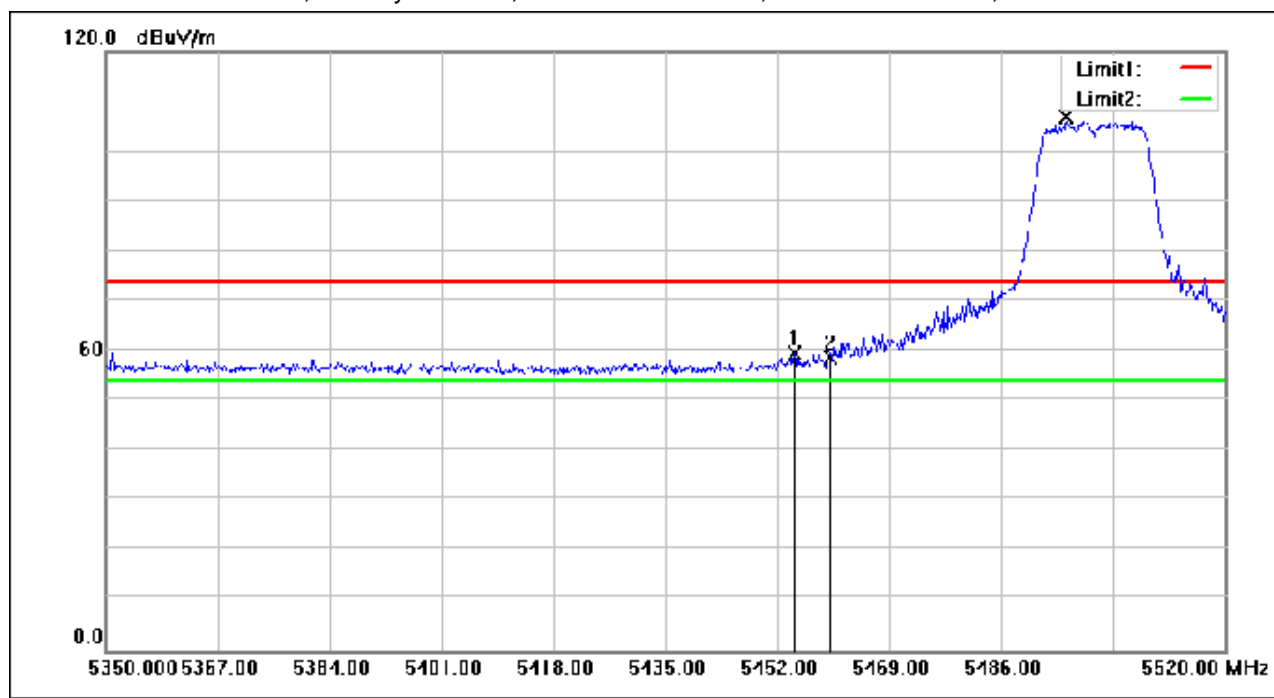
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.550	77.31	-17.76	59.55	74.00	-14.45	peak
2	5460.000	76.43	-17.76	58.67	74.00	-15.33	peak
3	5495.860	124.62	-17.70	106.92	74.00	32.92	peak

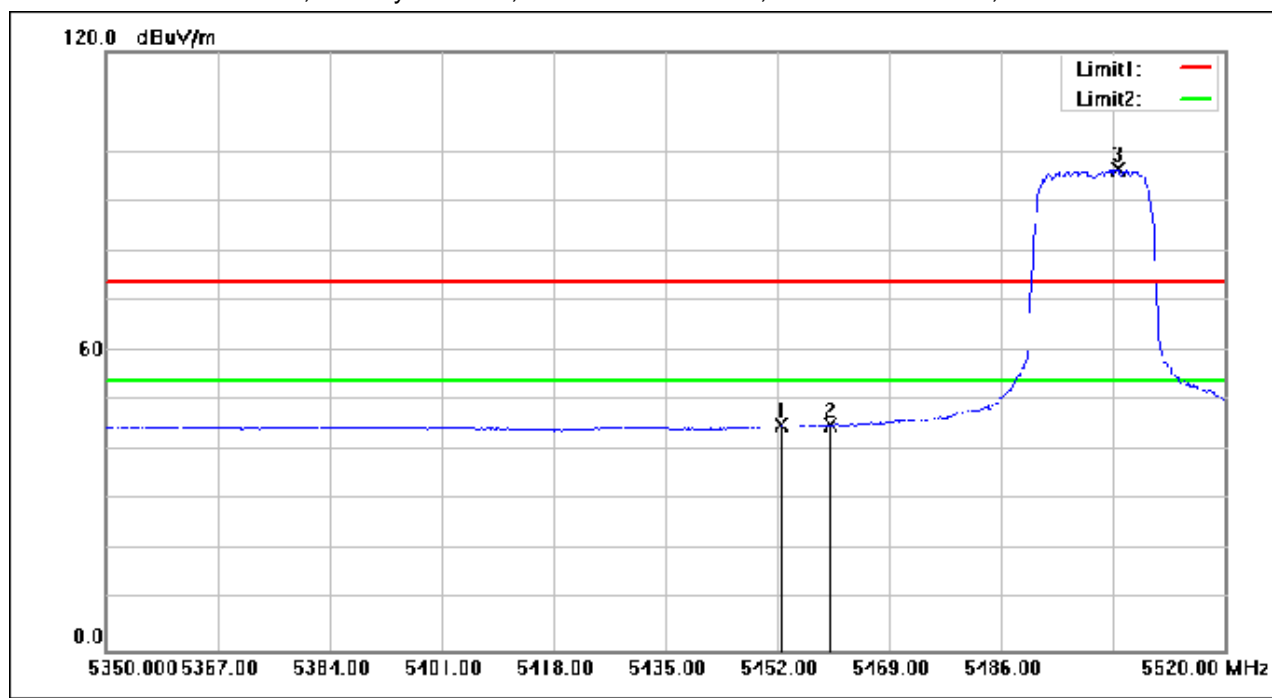
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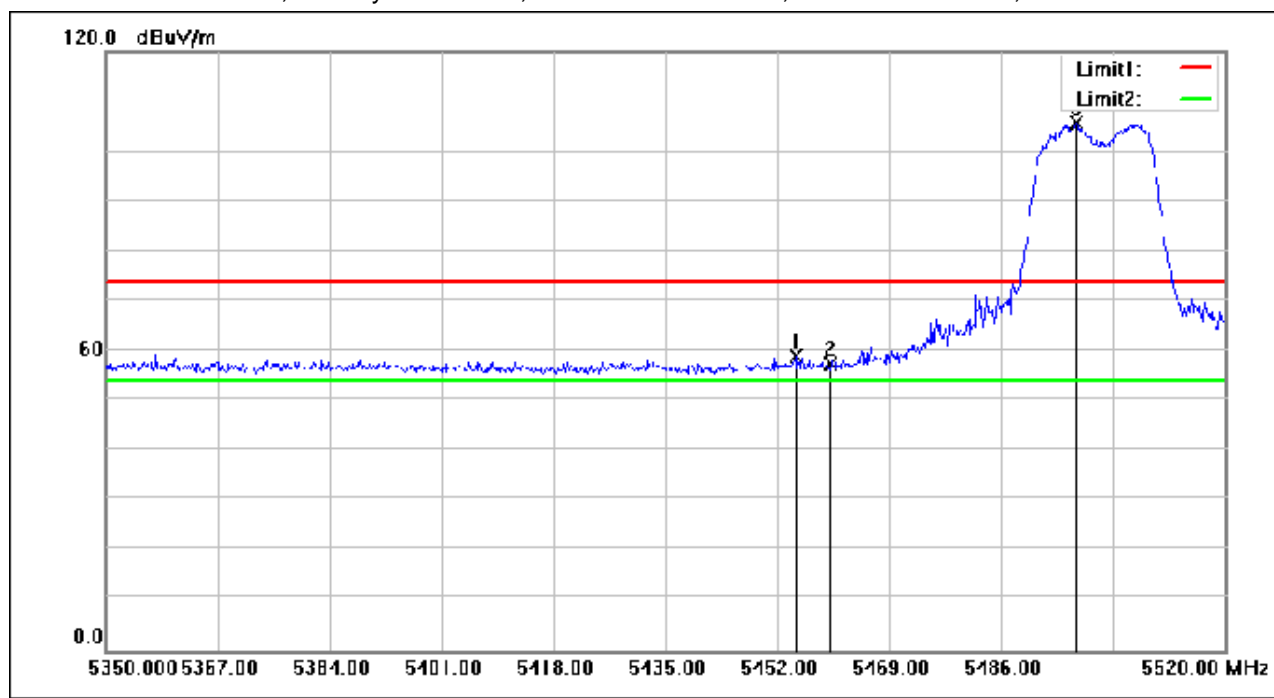
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Test Mode: 03; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.510	62.79	-17.76	45.03	54.00	-8.97	AVG
2	5460.000	62.84	-17.76	45.08	54.00	-8.92	AVG
3	5503.680	114.03	-17.69	96.34	54.00	42.34	AVG

Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.720	76.70	-17.76	58.94	74.00	-15.06	peak
2	5460.000	75.29	-17.76	57.53	74.00	-16.47	peak
3	5497.390	123.49	-17.70	105.79	74.00	31.79	peak

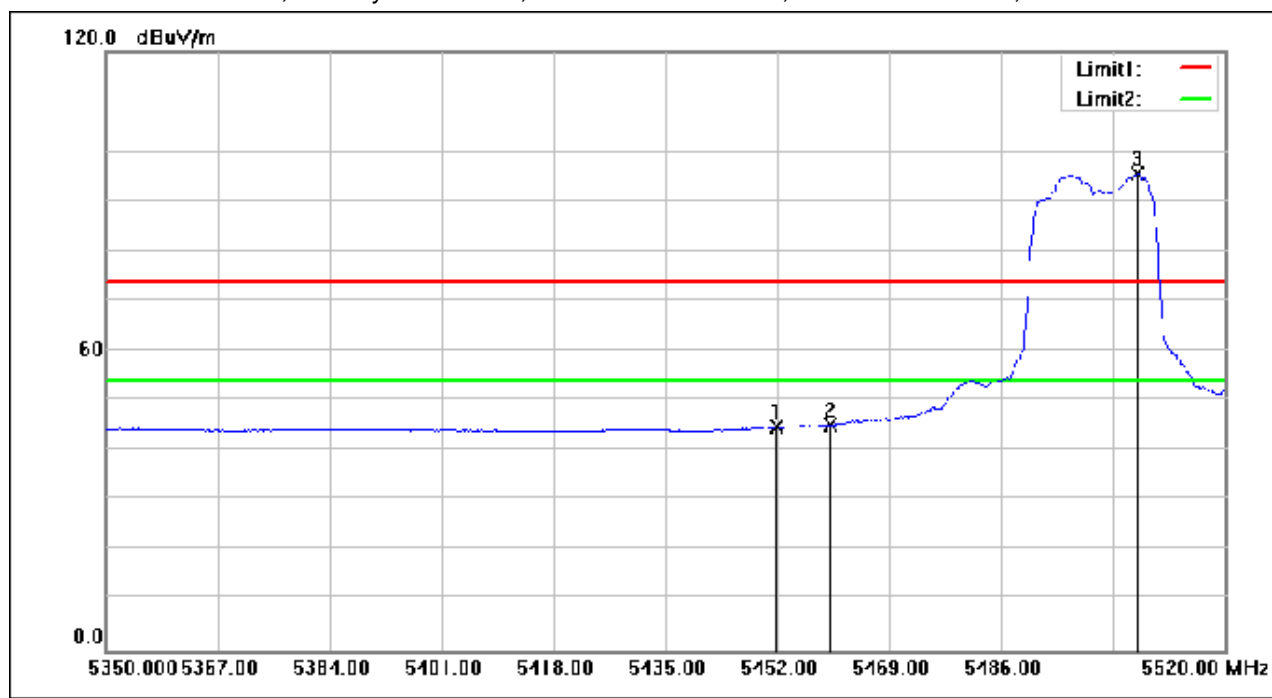
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.830	62.63	-17.76	44.87	54.00	-9.13	AVG
2	5460.000	63.00	-17.76	45.24	54.00	-8.76	AVG
3	5506.740	113.13	-17.69	95.44	54.00	41.44	AVG

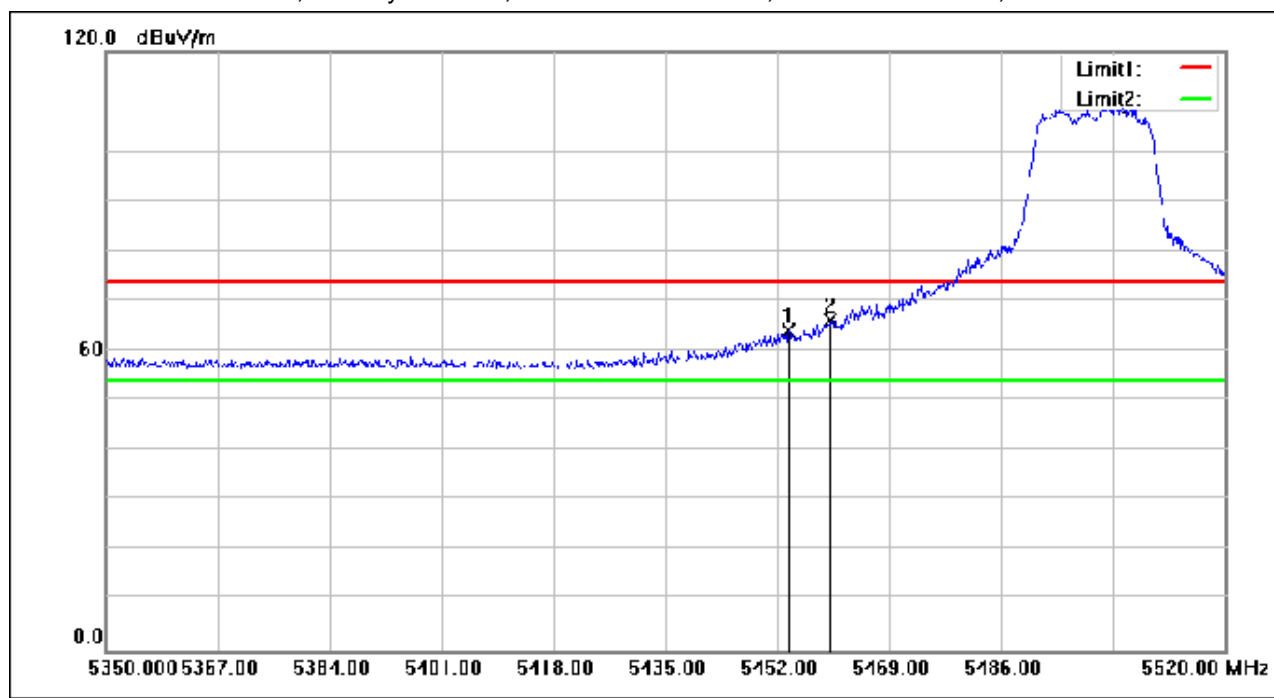
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.700	81.74	-17.76	63.98	74.00	-10.02	peak
2	5460.000	83.79	-17.76	66.03	74.00	-7.97	peak
3	5503.850	126.60	-17.69	108.91	74.00	34.91	peak

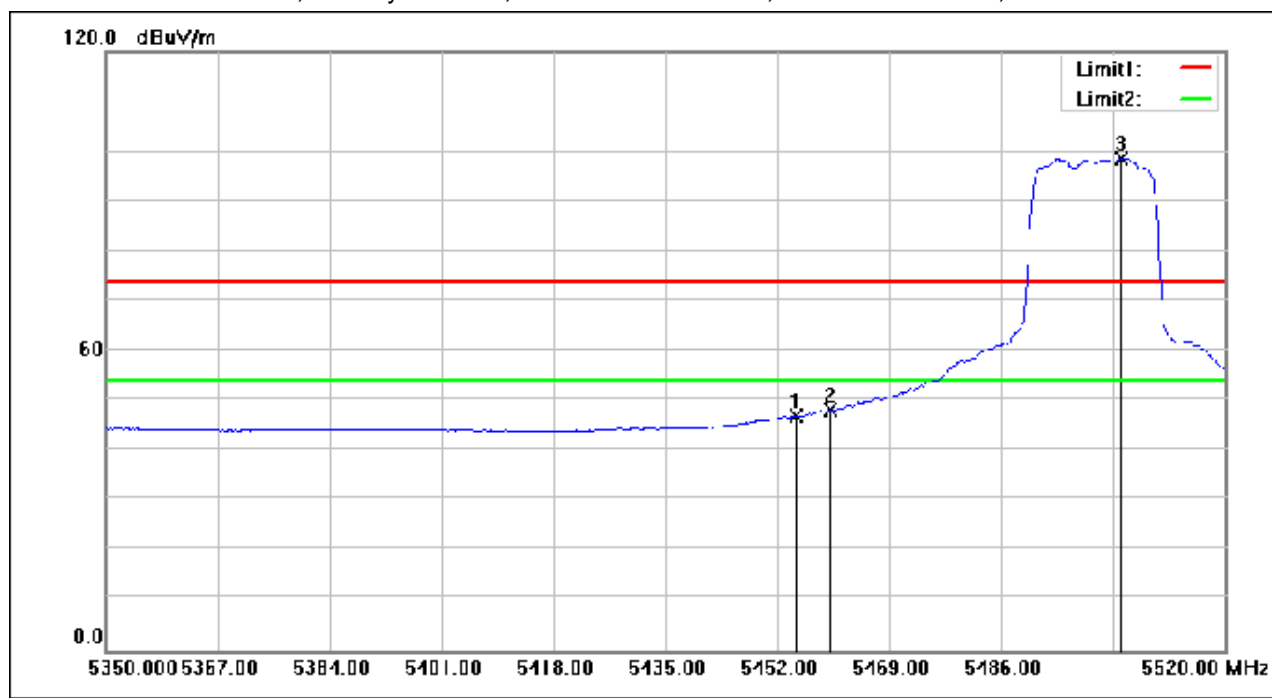
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.890	64.77	-17.76	47.01	54.00	-6.99	AVG
2	5460.000	65.91	-17.76	48.15	54.00	-5.85	AVG
3	5504.190	116.26	-17.69	98.57	54.00	44.57	AVG

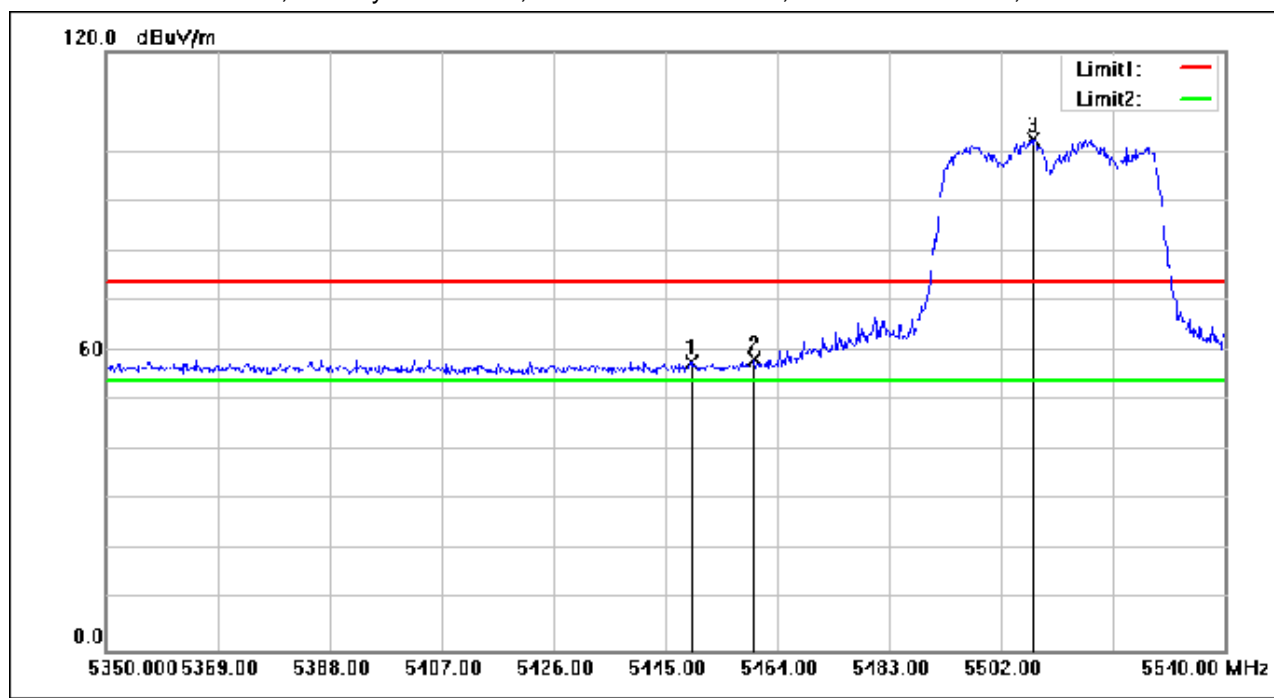
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.370	75.62	-17.78	57.84	74.00	-16.16	peak
2	5460.000	76.18	-17.76	58.42	74.00	-15.58	peak
3	5507.510	120.08	-17.69	102.39	74.00	28.39	peak

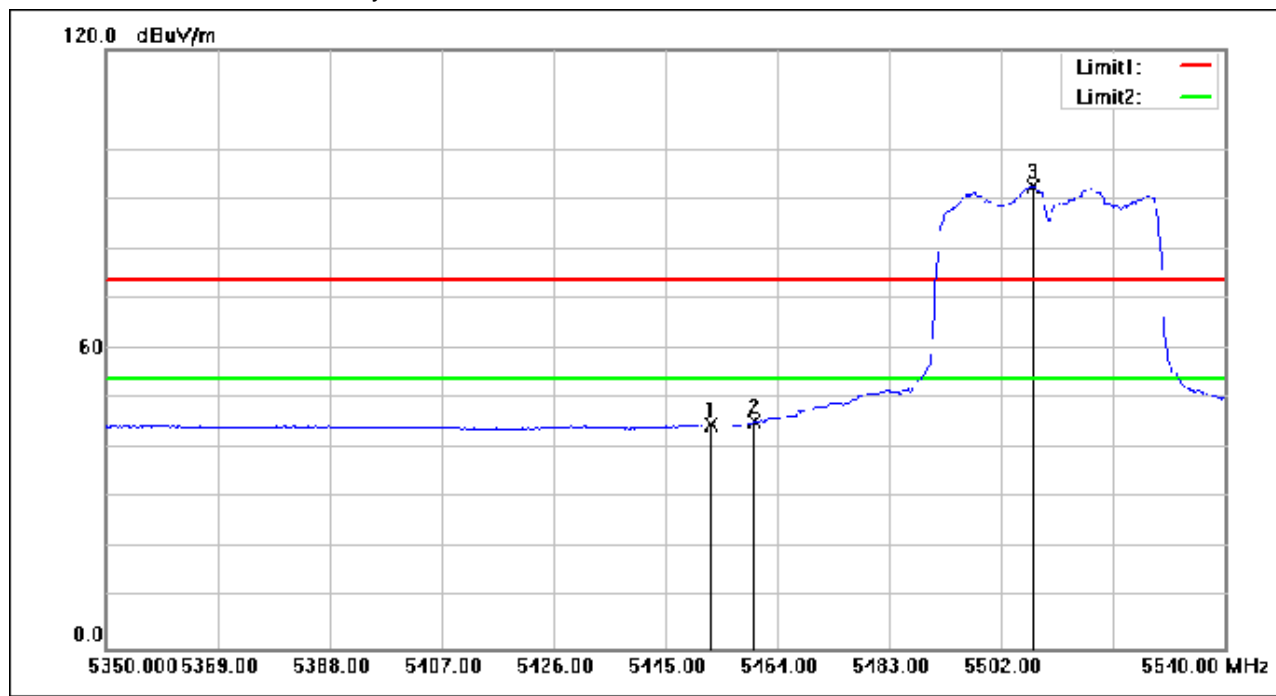
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.600	62.71	-17.76	44.95	54.00	-9.05	AVG
2	5460.000	63.22	-17.76	45.46	54.00	-8.54	AVG
3	5507.320	110.24	-17.69	92.55	54.00	38.55	AVG

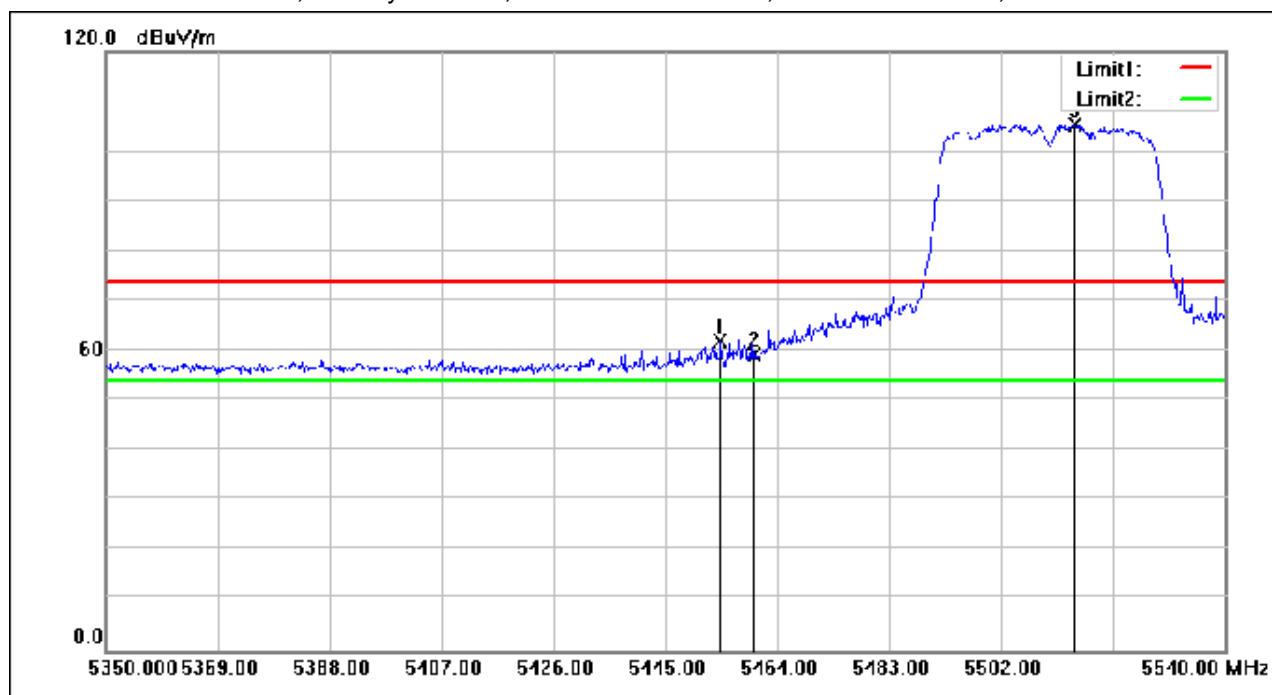
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.310	79.79	-17.76	62.03	74.00	-11.97	peak
2	5460.000	77.14	-17.76	59.38	74.00	-14.62	peak
3	5514.540	123.22	-17.67	105.55	74.00	31.55	peak

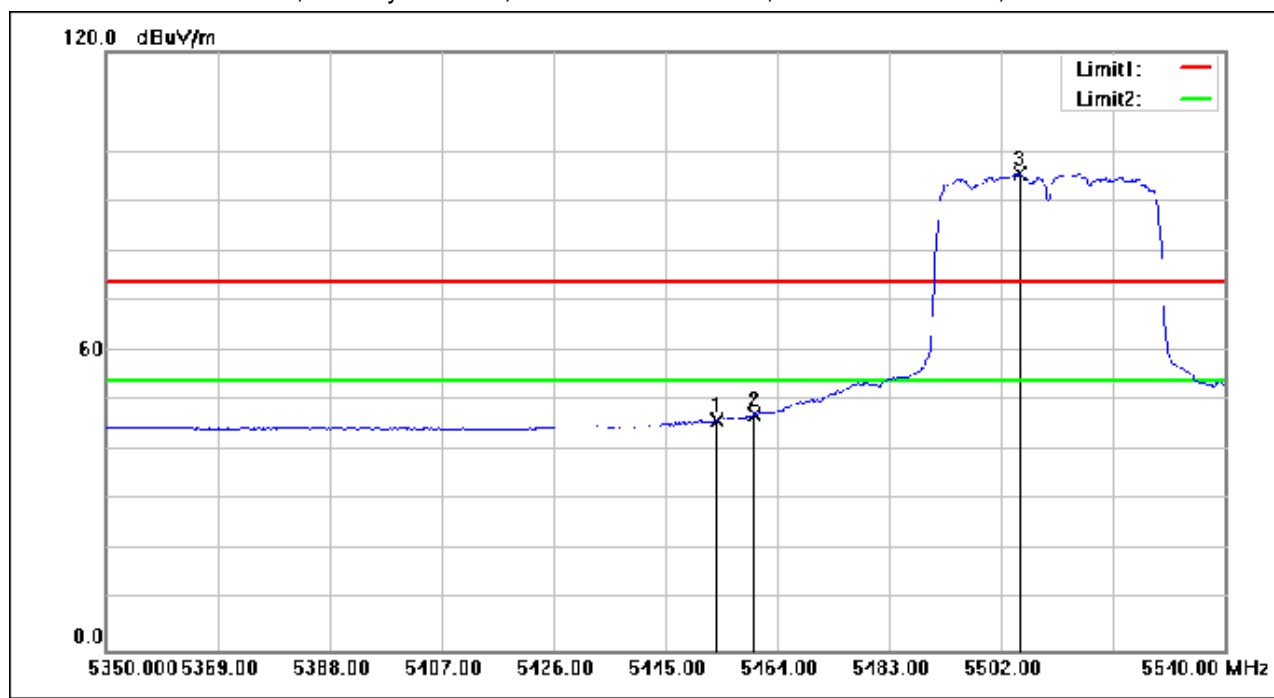
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.740	63.83	-17.76	46.07	54.00	-7.93	AVG
2	5460.000	65.00	-17.76	47.24	54.00	-6.76	AVG
3	5505.040	113.27	-17.69	95.58	54.00	41.58	AVG

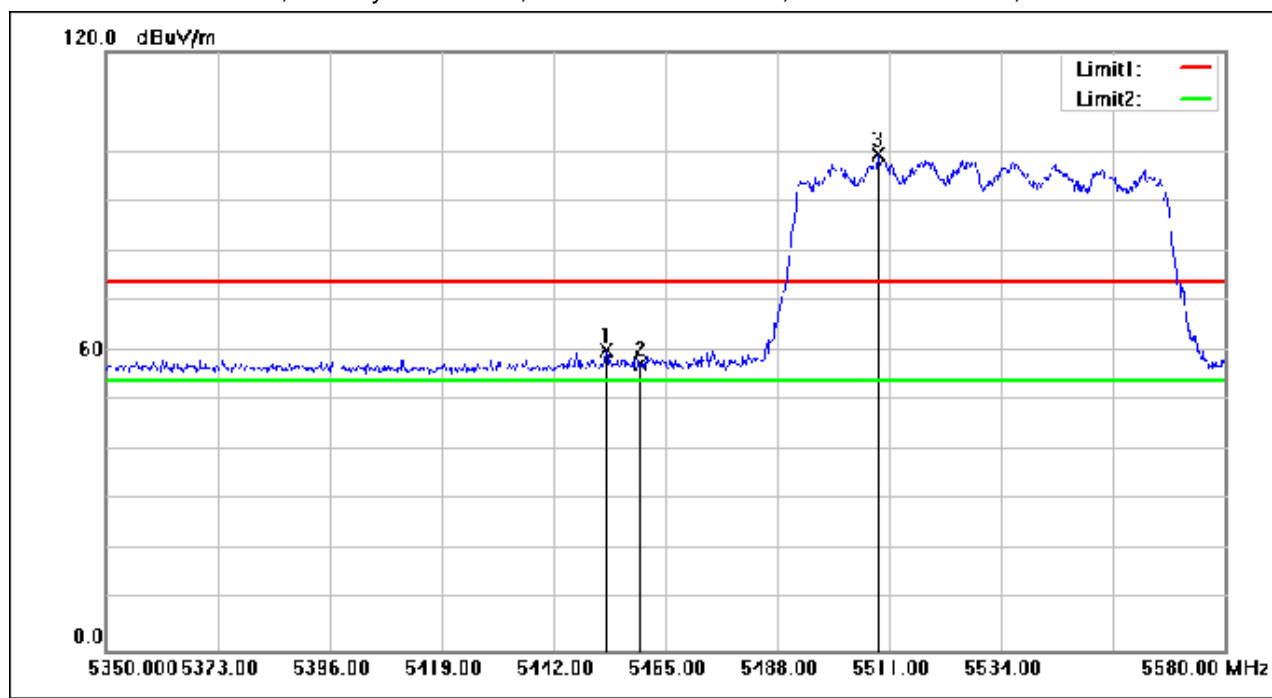
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.810	77.81	-17.76	60.05	74.00	-13.95	peak
2	5460.000	75.10	-17.76	57.34	74.00	-16.66	peak
3	5508.700	117.12	-17.69	99.43	74.00	25.43	peak

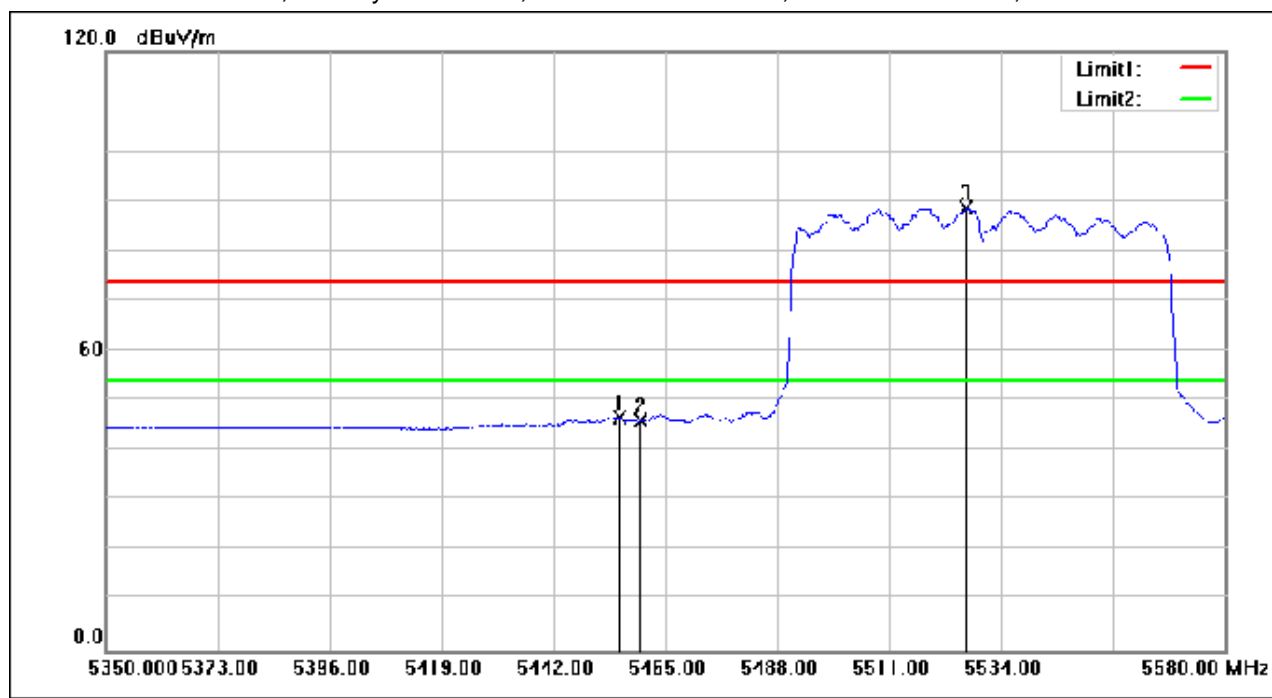
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.570	64.52	-17.76	46.76	54.00	-7.24	AVG
2	5460.000	63.77	-17.76	46.01	54.00	-7.99	AVG
3	5526.870	106.18	-17.66	88.52	54.00	34.52	AVG

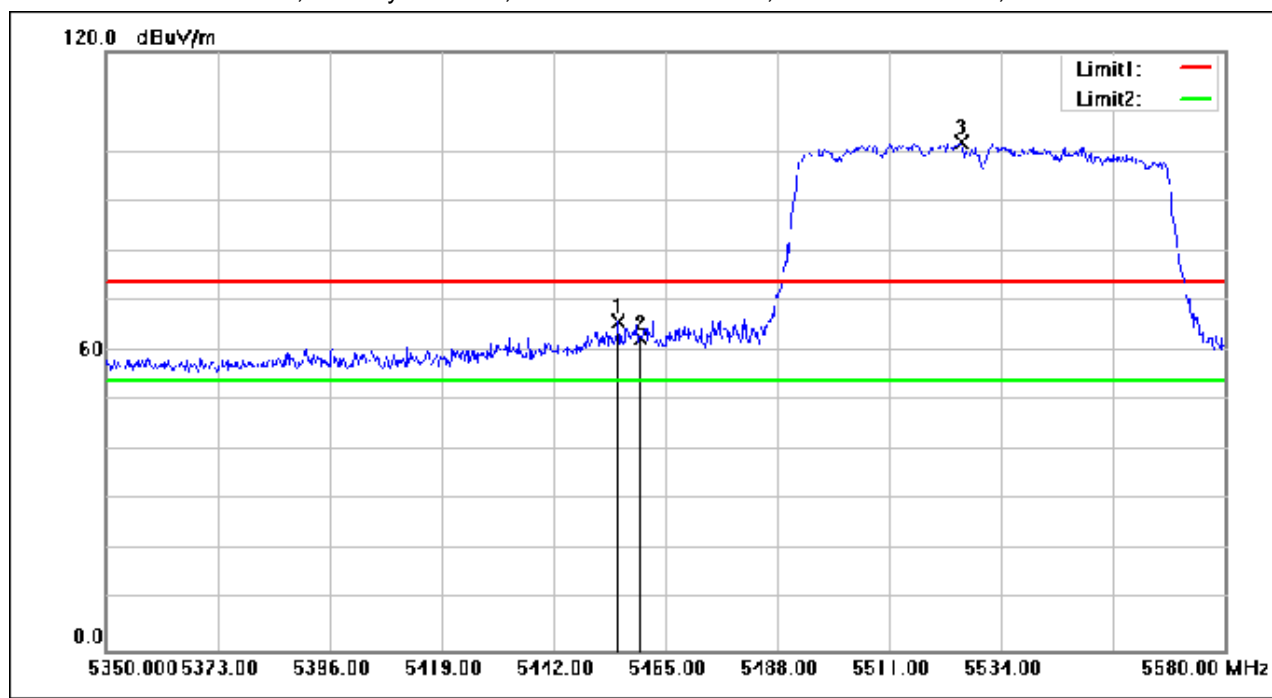
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.340	83.74	-17.76	65.98	74.00	-8.02	peak
2	5460.000	80.17	-17.76	62.41	74.00	-11.59	peak
3	5525.720	119.52	-17.66	101.86	74.00	27.86	peak

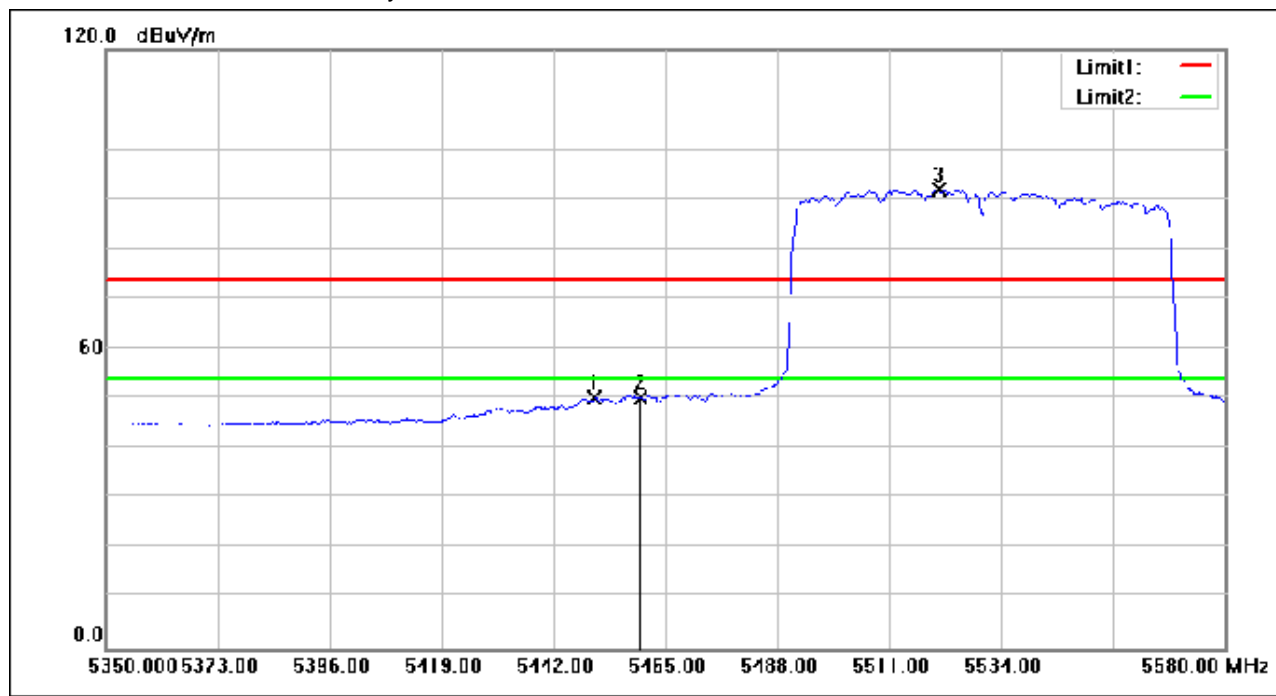
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.510	67.97	-17.77	50.20	54.00	-3.80	AVG
2	5460.000	68.14	-17.76	50.38	54.00	-3.62	AVG
3	5521.120	109.72	-17.67	92.05	54.00	38.05	AVG

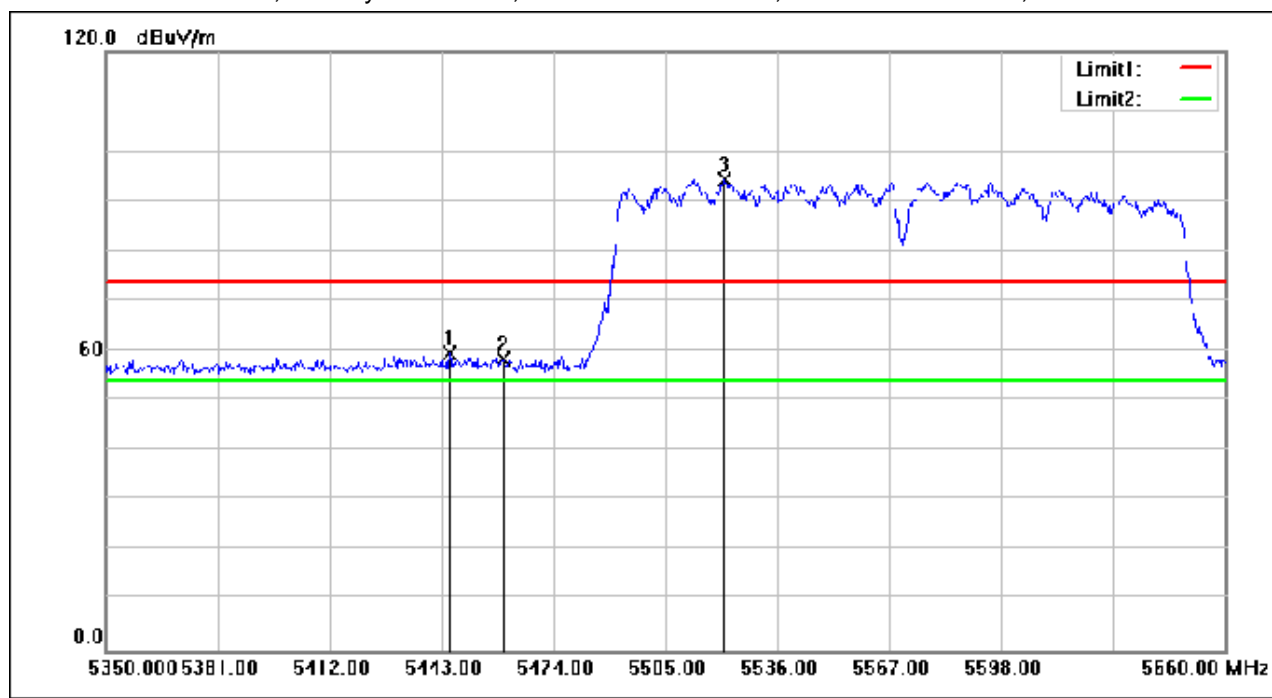
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5445.170	77.22	-17.78	59.44	74.00	-14.56	peak
2	5460.000	76.09	-17.76	58.33	74.00	-15.67	peak
3	5521.430	112.13	-17.67	94.46	74.00	20.46	peak

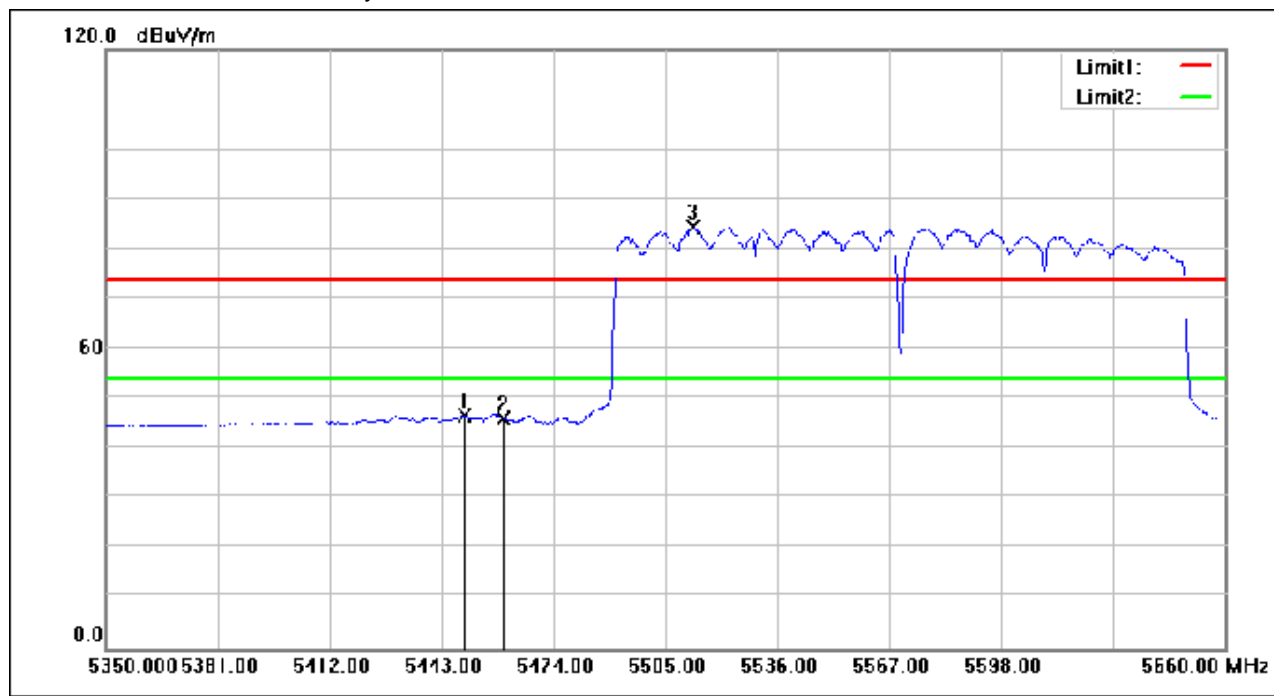
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 160MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.200	64.54	-17.78	46.76	54.00	-7.24	AVG
2	5460.000	63.70	-17.76	45.94	54.00	-8.06	AVG
3	5512.750	102.07	-17.67	84.40	54.00	30.40	AVG

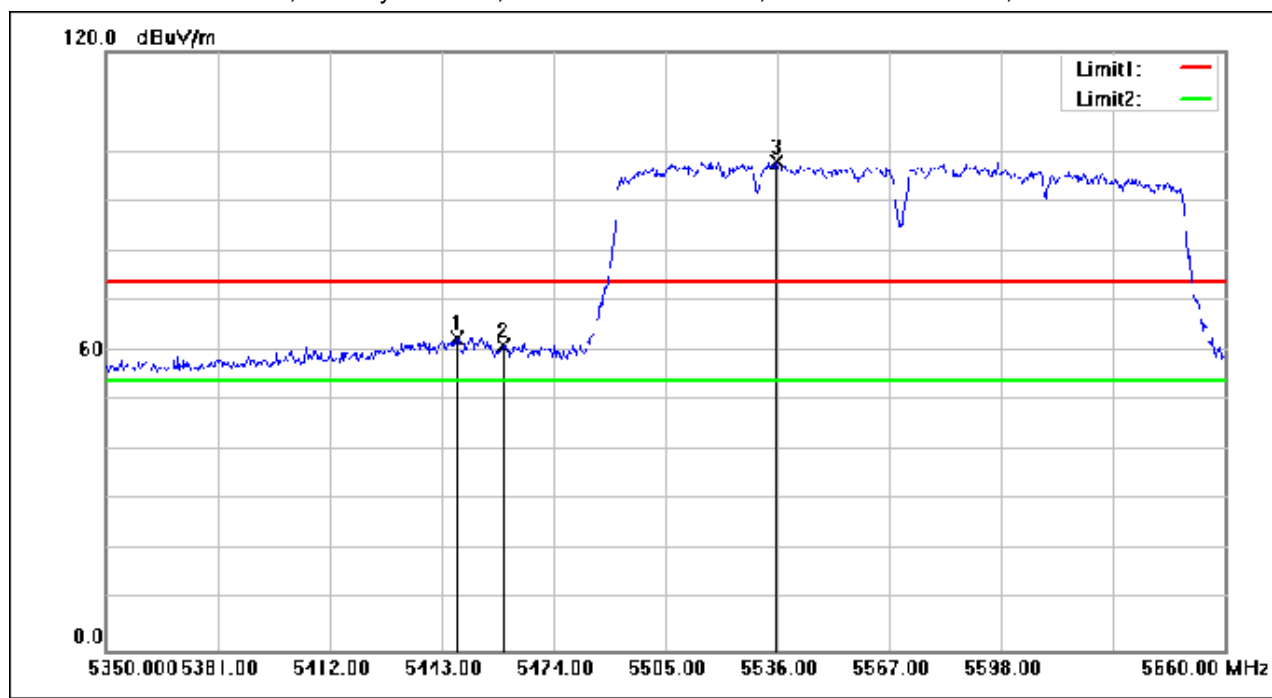
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 160MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5447.340	80.29	-17.78	62.51	74.00	-11.49	peak
2	5460.000	78.80	-17.76	61.04	74.00	-12.96	peak
3	5535.690	115.65	-17.64	98.01	74.00	24.01	peak

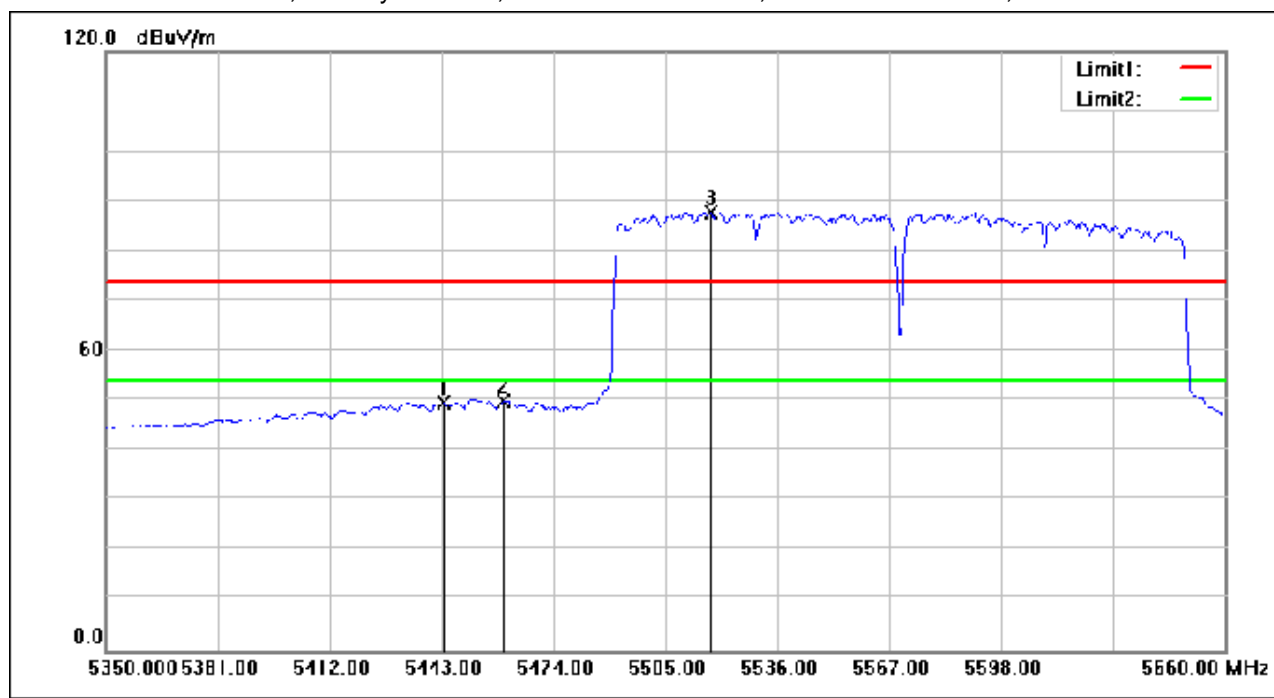
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.620	67.48	-17.78	49.70	54.00	-4.30	AVG
2	5460.000	67.58	-17.76	49.82	54.00	-4.18	AVG
3	5517.400	105.44	-17.67	87.77	54.00	33.77	AVG

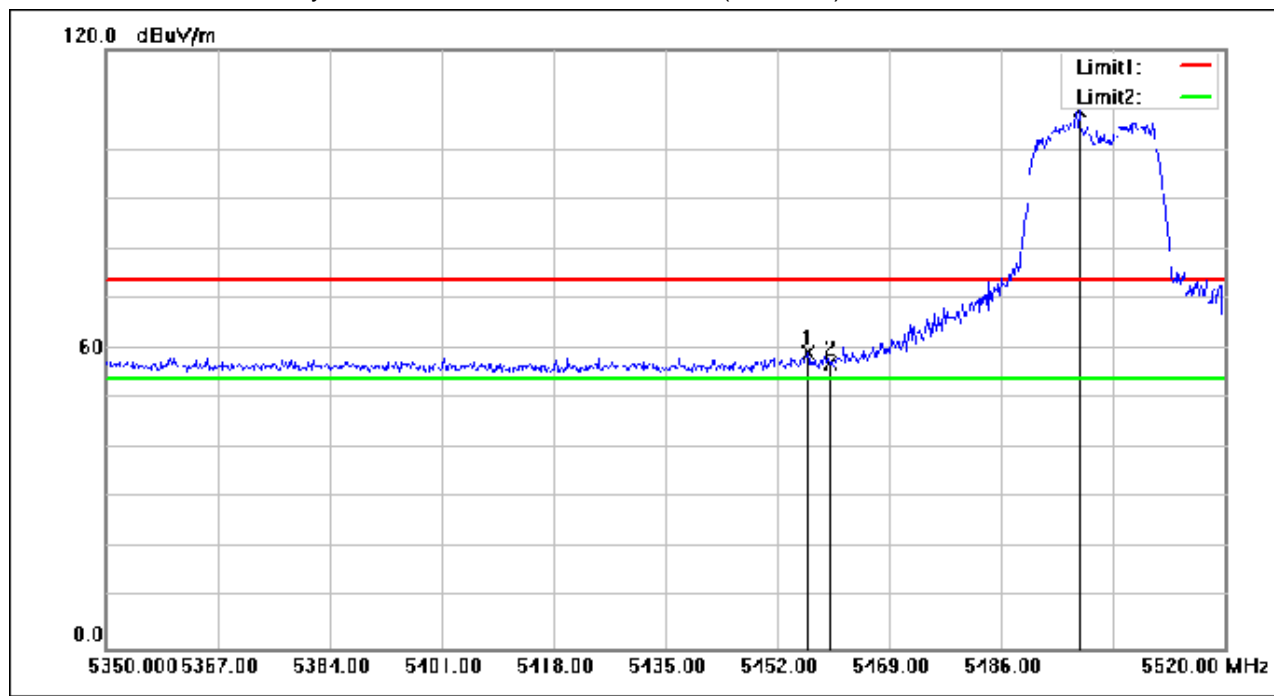
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.590	76.97	-17.76	59.21	74.00	-14.79	peak
2	5460.000	74.81	-17.76	57.05	74.00	-16.95	peak
3	5497.900	125.56	-17.70	107.86	74.00	33.86	peak

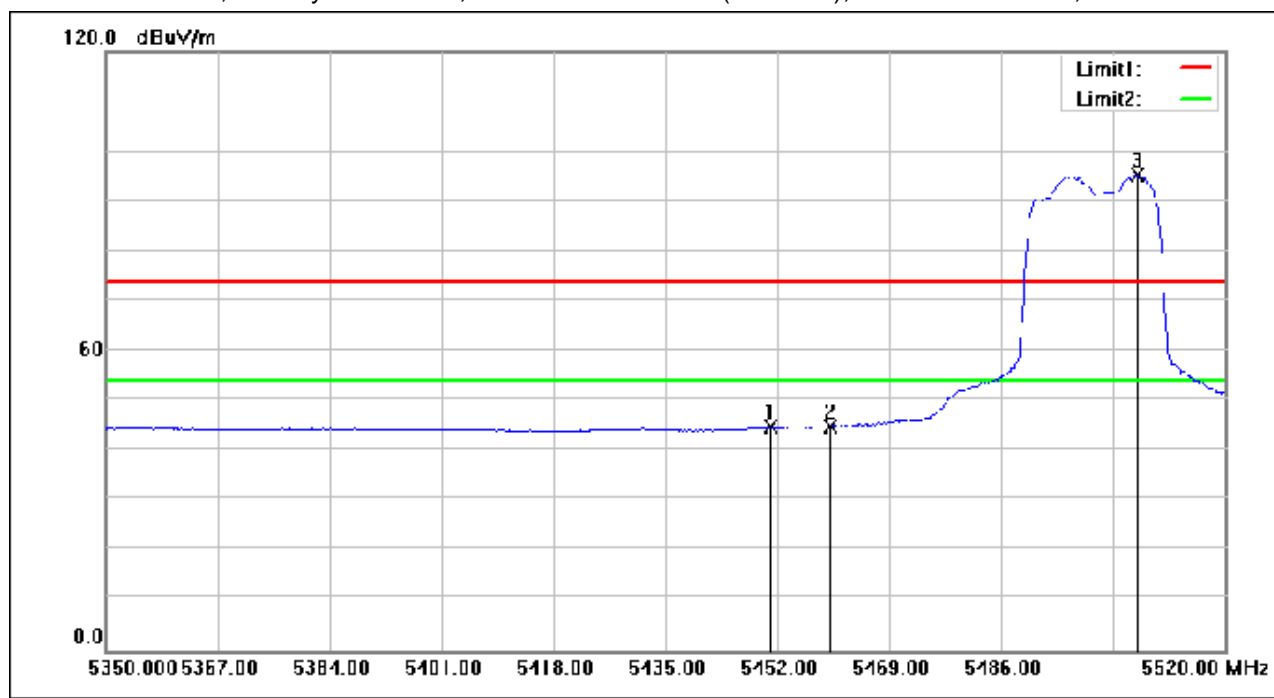
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.980	62.49	-17.76	44.73	54.00	-9.27	AVG
2	5460.000	62.65	-17.76	44.89	54.00	-9.11	AVG
3	5506.740	112.83	-17.69	95.14	54.00	41.14	AVG

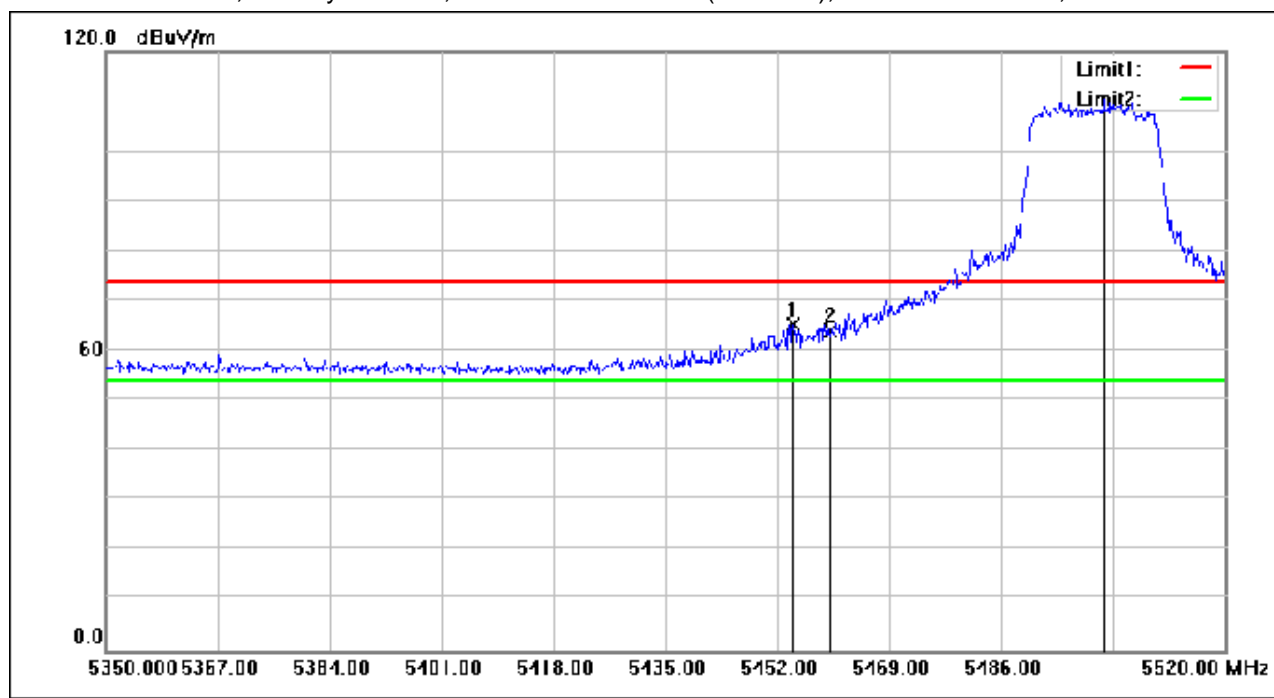
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.380	83.08	-17.76	65.32	74.00	-8.68	peak
2	5460.000	81.89	-17.76	64.13	74.00	-9.87	peak
3	5501.640	128.33	-17.70	110.63	74.00	36.63	peak

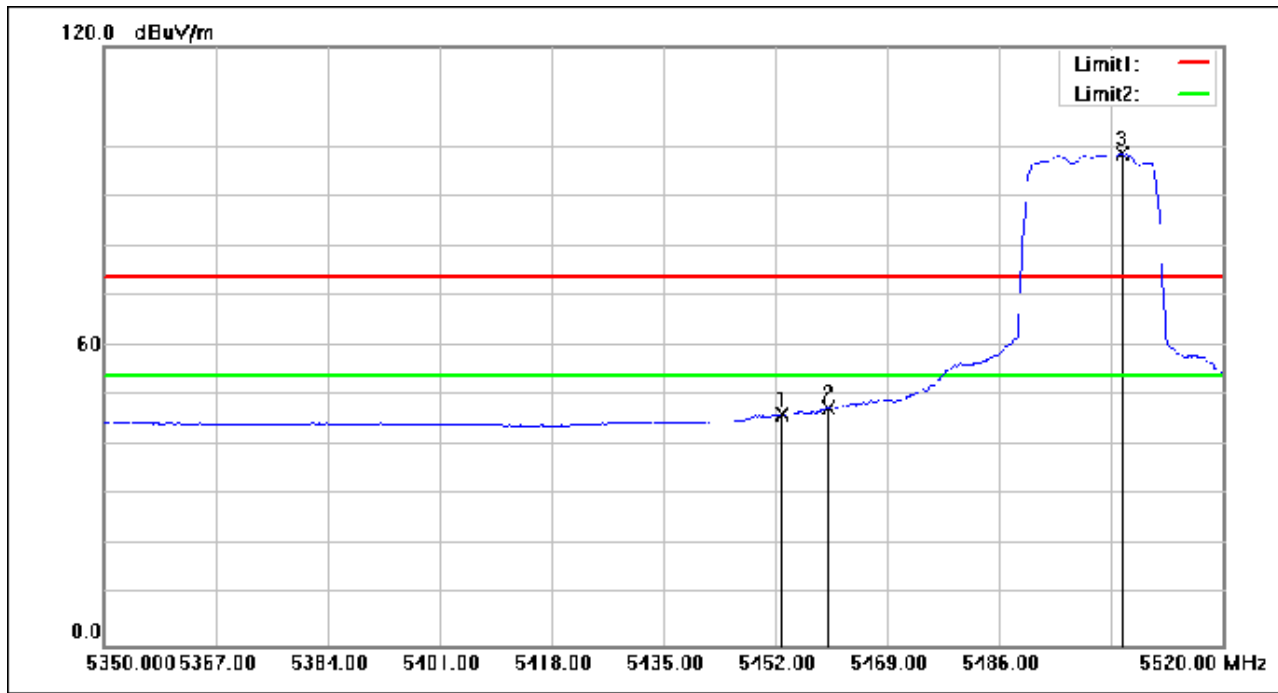
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.020	64.22	-17.76	46.46	54.00	-7.54	AVG
2	5460.000	65.45	-17.76	47.69	54.00	-6.31	AVG
3	5504.700	116.35	-17.69	98.66	54.00	44.66	AVG

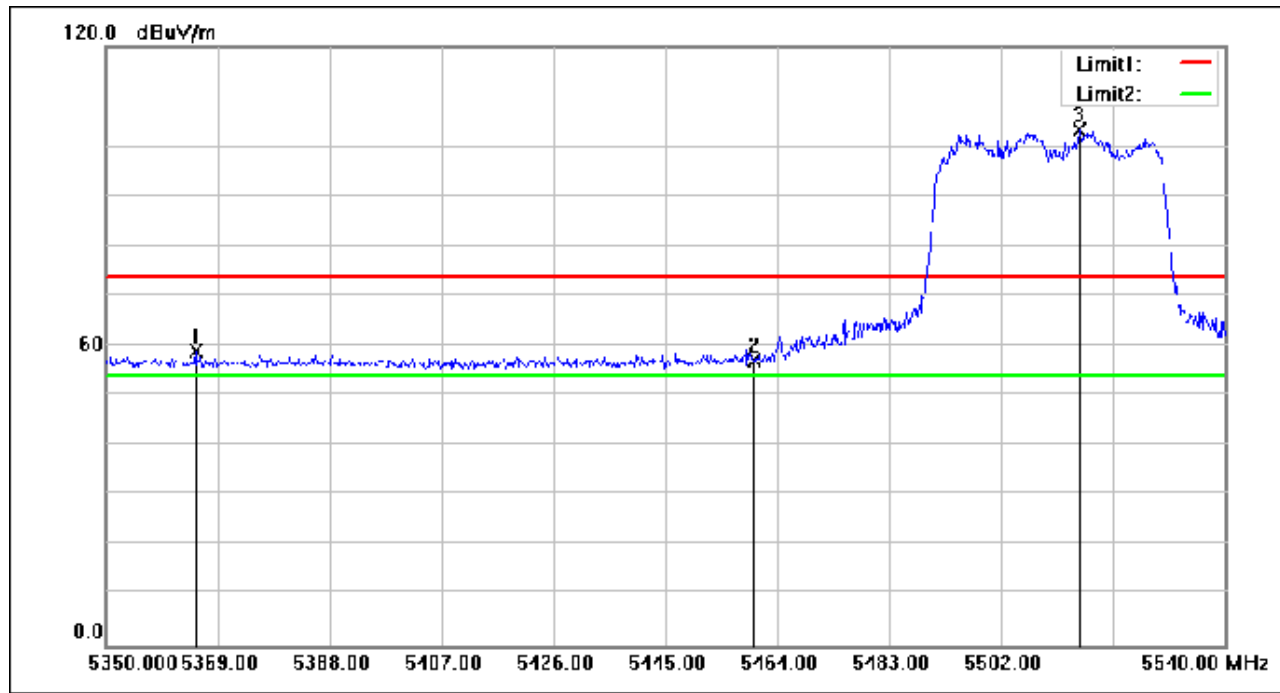
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5365.200	76.75	-17.90	58.85	74.00	-15.15	peak
2	5460.000	74.92	-17.76	57.16	74.00	-16.84	peak
3	5515.300	120.90	-17.67	103.23	74.00	29.23	peak

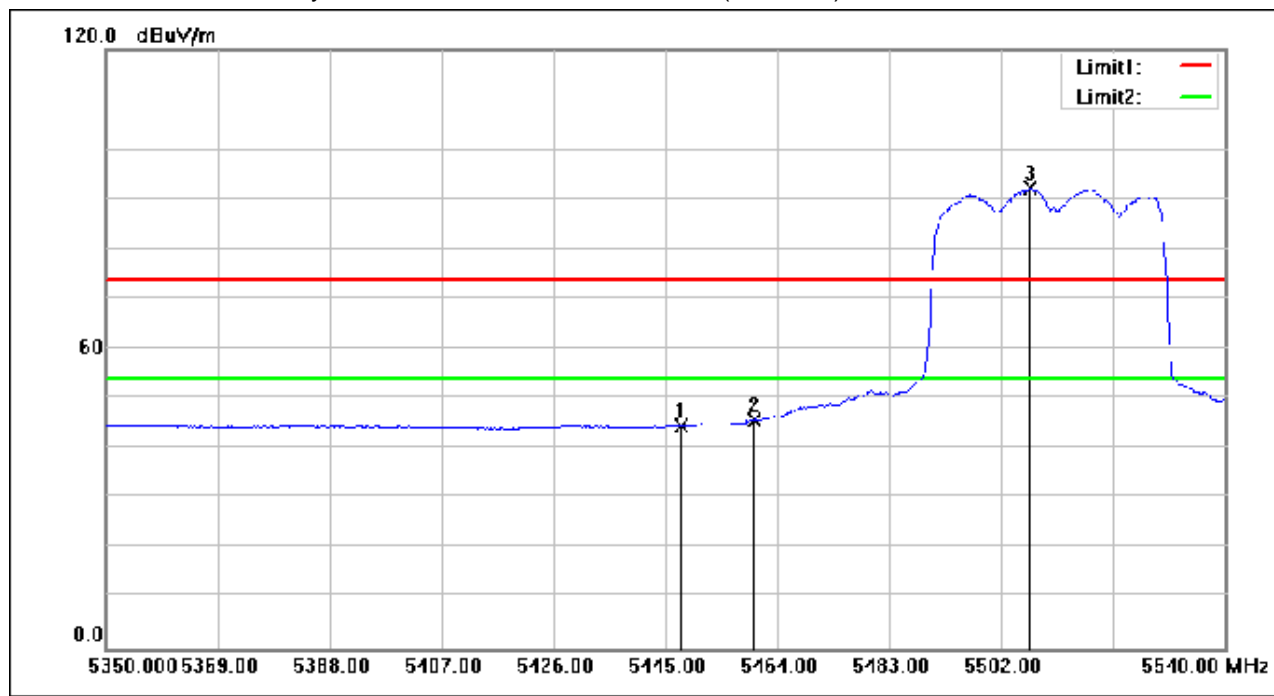
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5447.660	62.46	-17.78	44.68	54.00	-9.32	AVG
2	5460.000	63.60	-17.76	45.84	54.00	-8.16	AVG
3	5506.940	109.90	-17.69	92.21	54.00	38.21	AVG

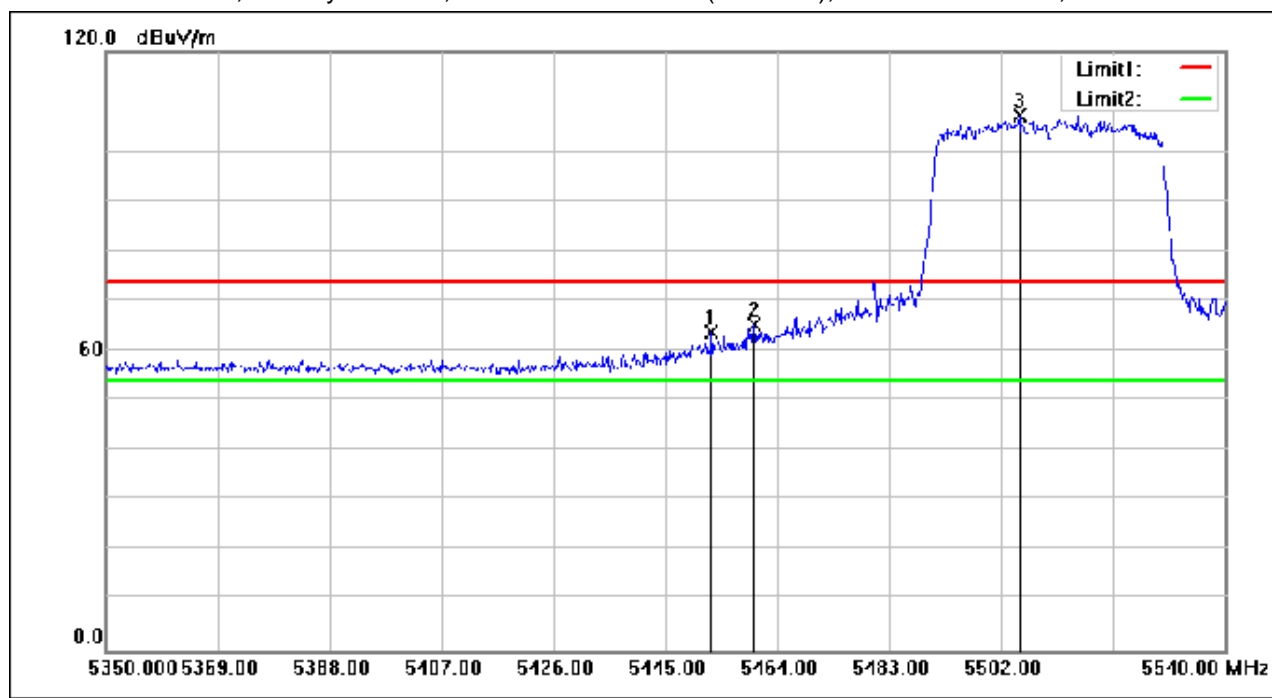
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.790	81.37	-17.76	63.61	74.00	-10.39	peak
2	5460.000	83.06	-17.76	65.30	74.00	-8.70	peak
3	5505.040	125.08	-17.69	107.39	74.00	33.39	peak

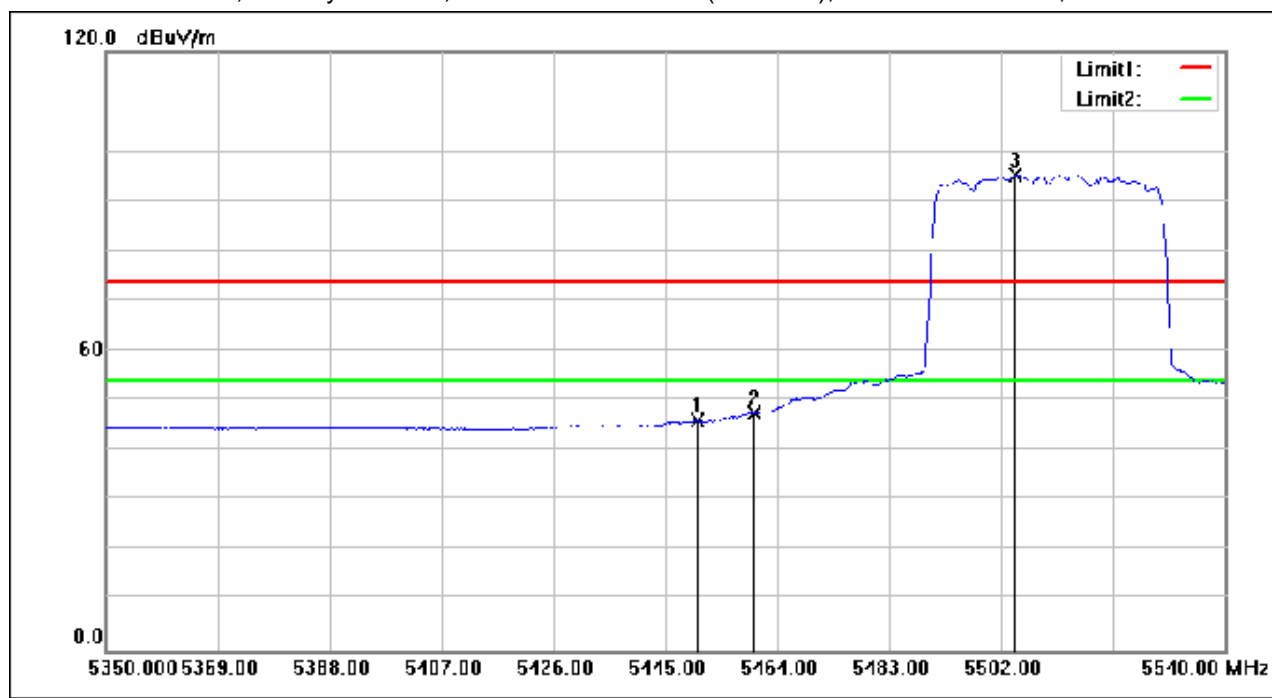
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.320	63.81	-17.77	46.04	54.00	-7.96	AVG
2	5460.000	65.38	-17.76	47.62	54.00	-6.38	AVG
3	5504.470	112.91	-17.69	95.22	54.00	41.22	AVG

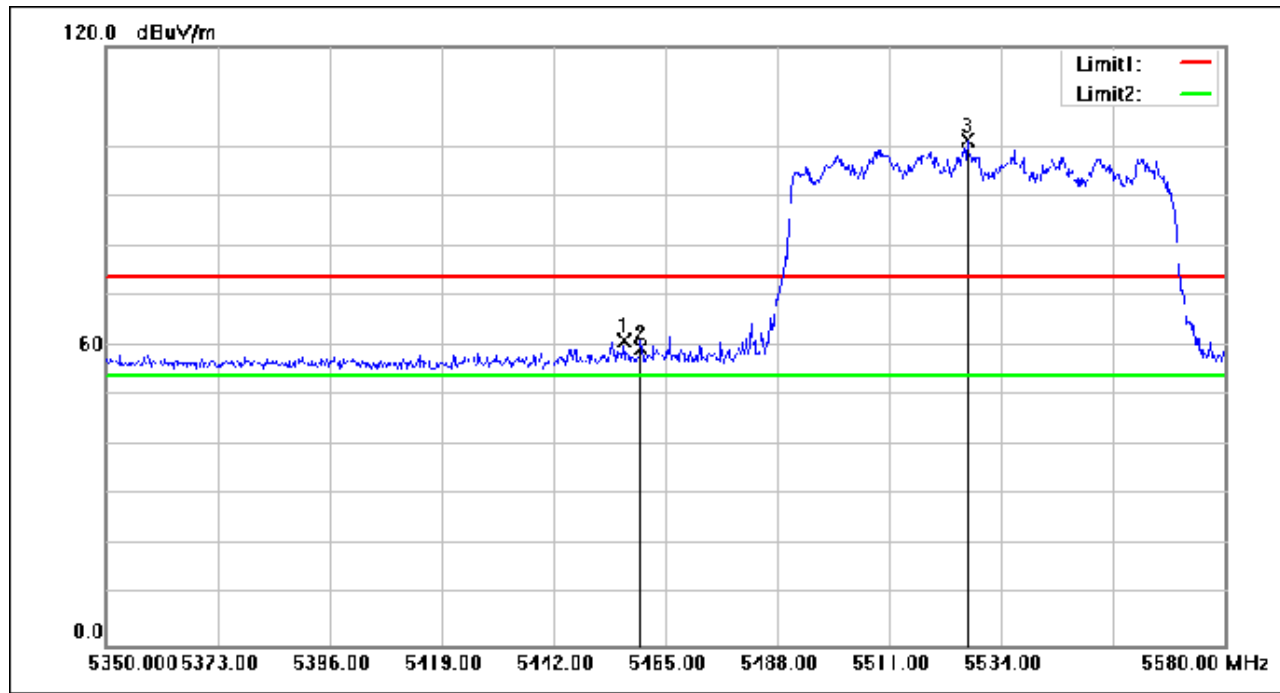
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.490	78.79	-17.76	61.03	74.00	-12.97	peak
2	5460.000	77.39	-17.76	59.63	74.00	-14.37	peak
3	5527.100	118.93	-17.66	101.27	74.00	27.27	peak

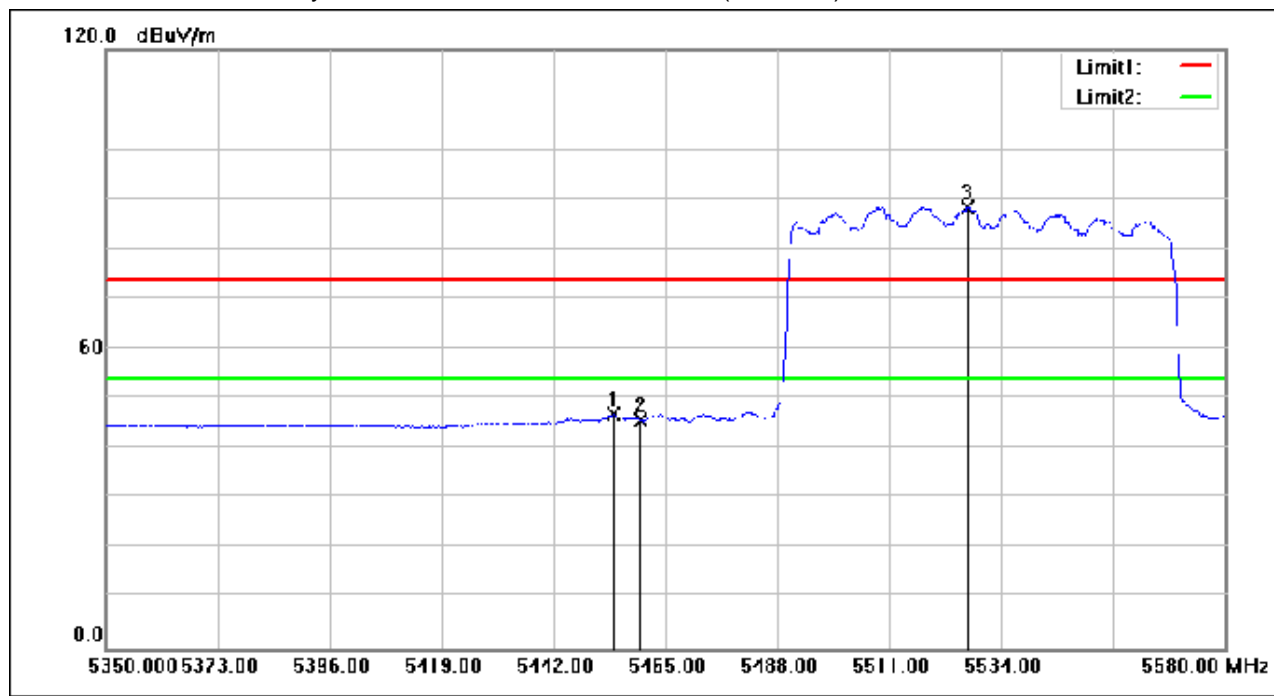
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.420	64.58	-17.76	46.82	54.00	-7.18	AVG
2	5460.000	63.49	-17.76	45.73	54.00	-8.27	AVG
3	5527.100	106.11	-17.66	88.45	54.00	34.45	AVG

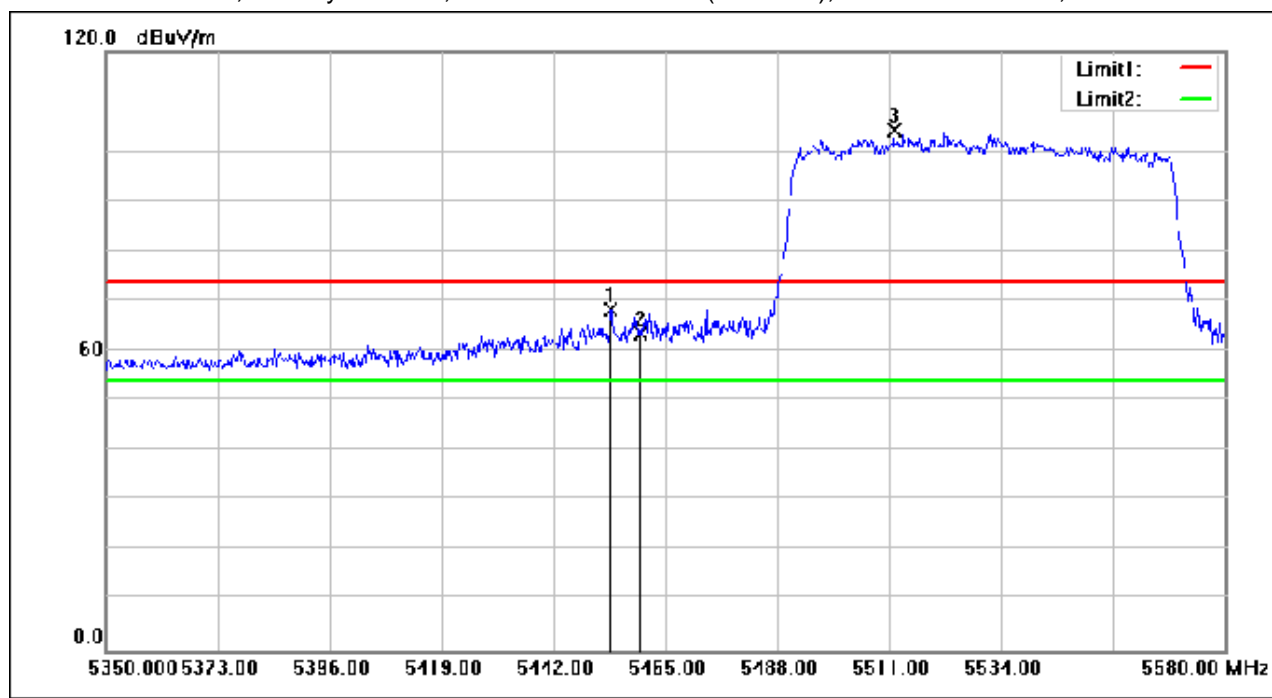
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.730	85.99	-17.76	68.23	74.00	-5.77	peak
2	5460.000	81.18	-17.76	63.42	74.00	-10.58	peak
3	5511.920	121.99	-17.68	104.31	74.00	30.31	peak

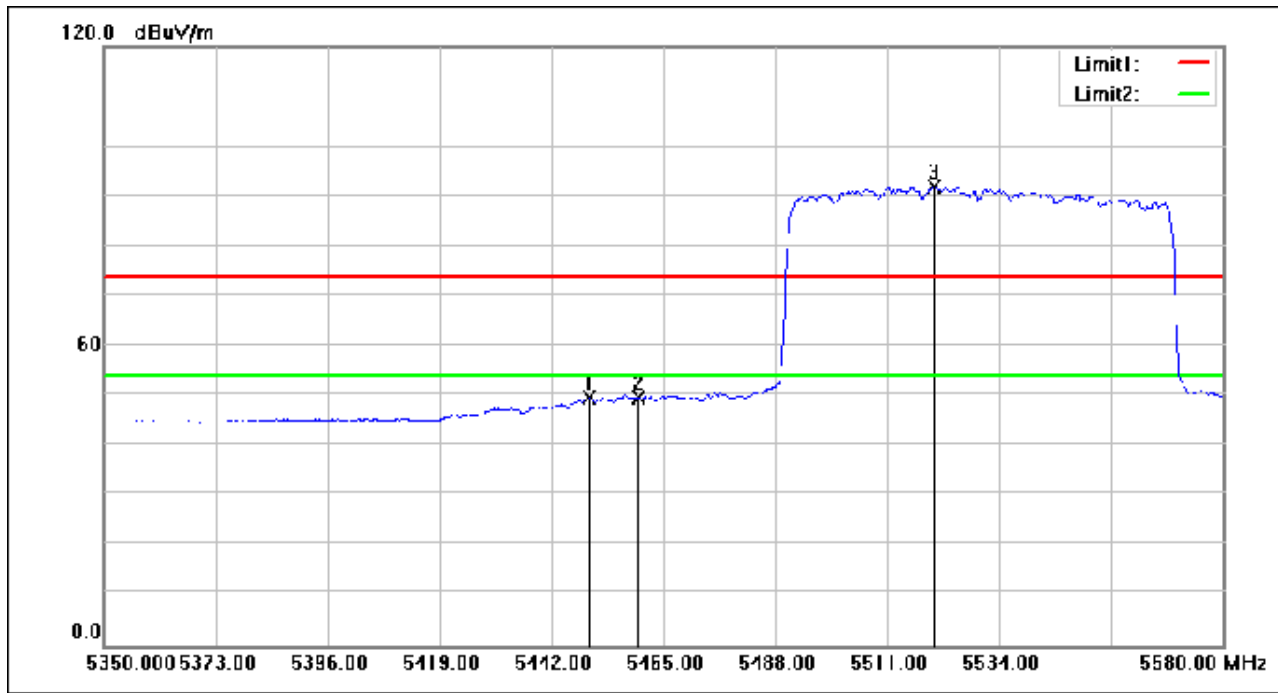
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.820	67.49	-17.78	49.71	54.00	-4.29	AVG
2	5460.000	67.27	-17.76	49.51	54.00	-4.49	AVG
3	5520.660	109.48	-17.67	91.81	54.00	37.81	AVG

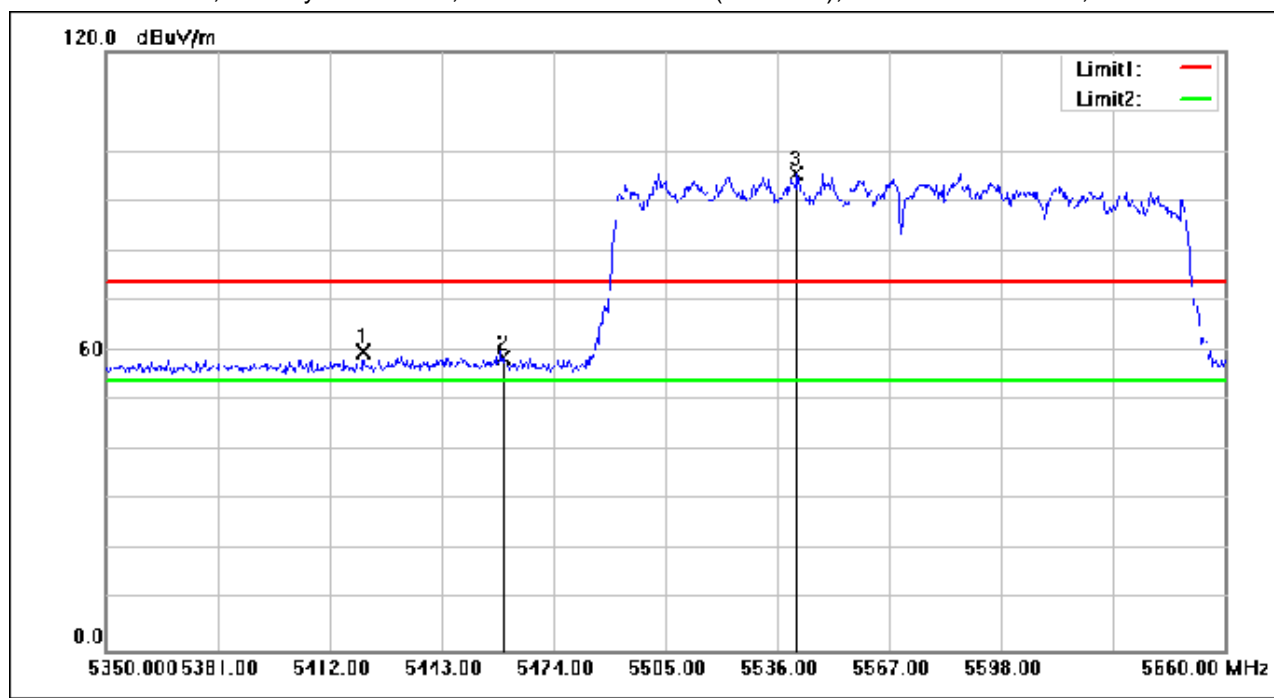
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Test Mode: 03; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 160MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5421.300	77.65	-17.81	59.84	74.00	-14.16	peak
2	5460.000	76.27	-17.76	58.51	74.00	-15.49	peak
3	5541.270	113.33	-17.64	95.69	74.00	21.69	peak

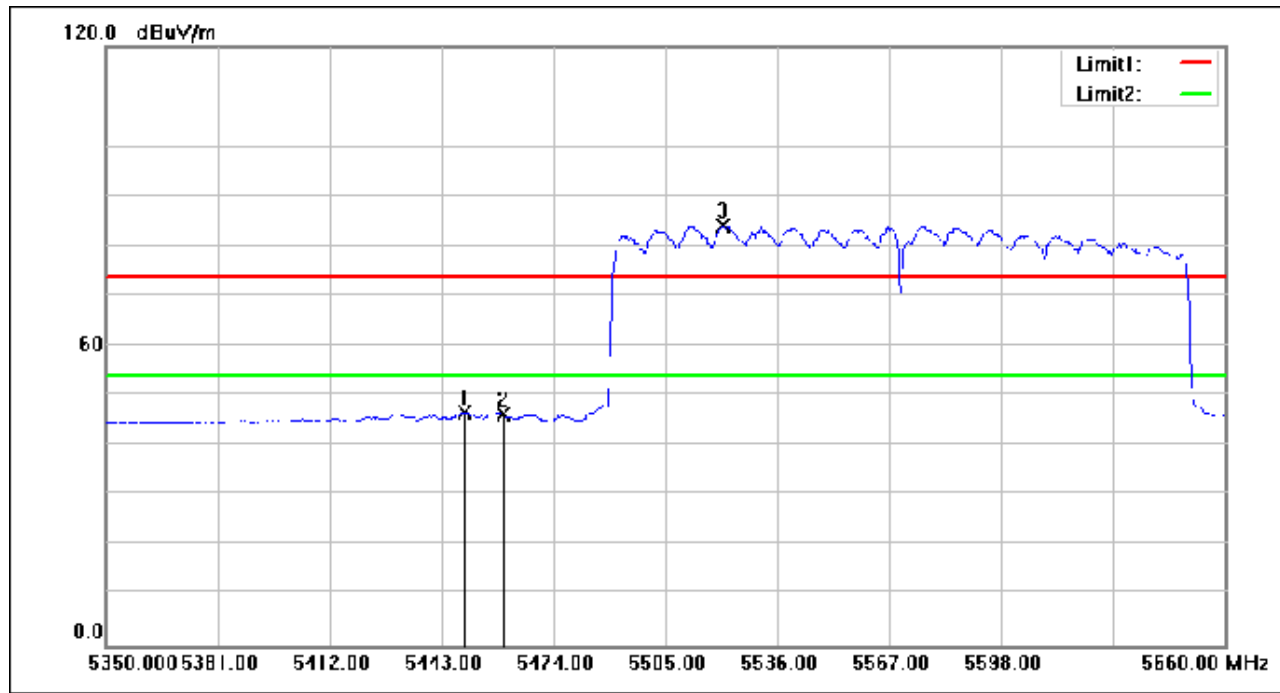
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Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.510	64.50	-17.78	46.72	54.00	-7.28	AVG
2	5460.000	64.05	-17.76	46.29	54.00	-7.71	AVG
3	5520.810	101.76	-17.67	84.09	54.00	30.09	AVG

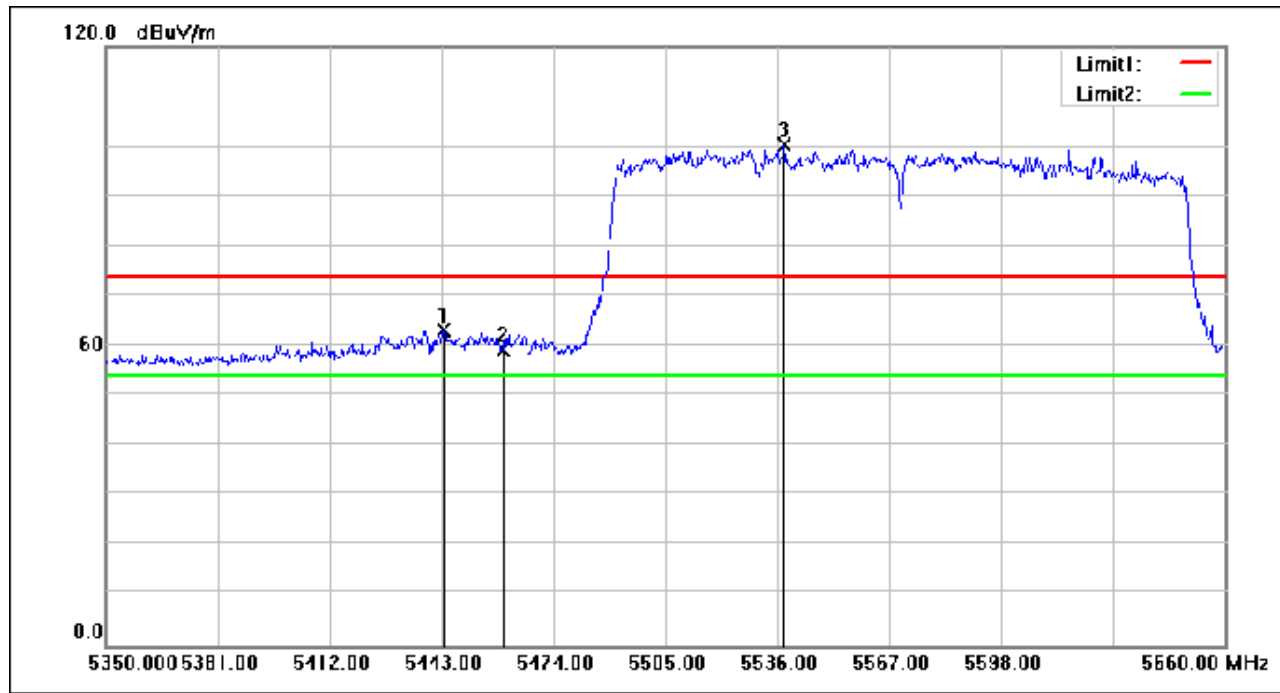
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Test Mode: 03; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.620	81.01	-17.78	63.23	74.00	-10.77	peak
2	5460.000	77.11	-17.76	59.35	74.00	-14.65	peak
3	5537.860	118.01	-17.64	100.37	74.00	26.37	peak

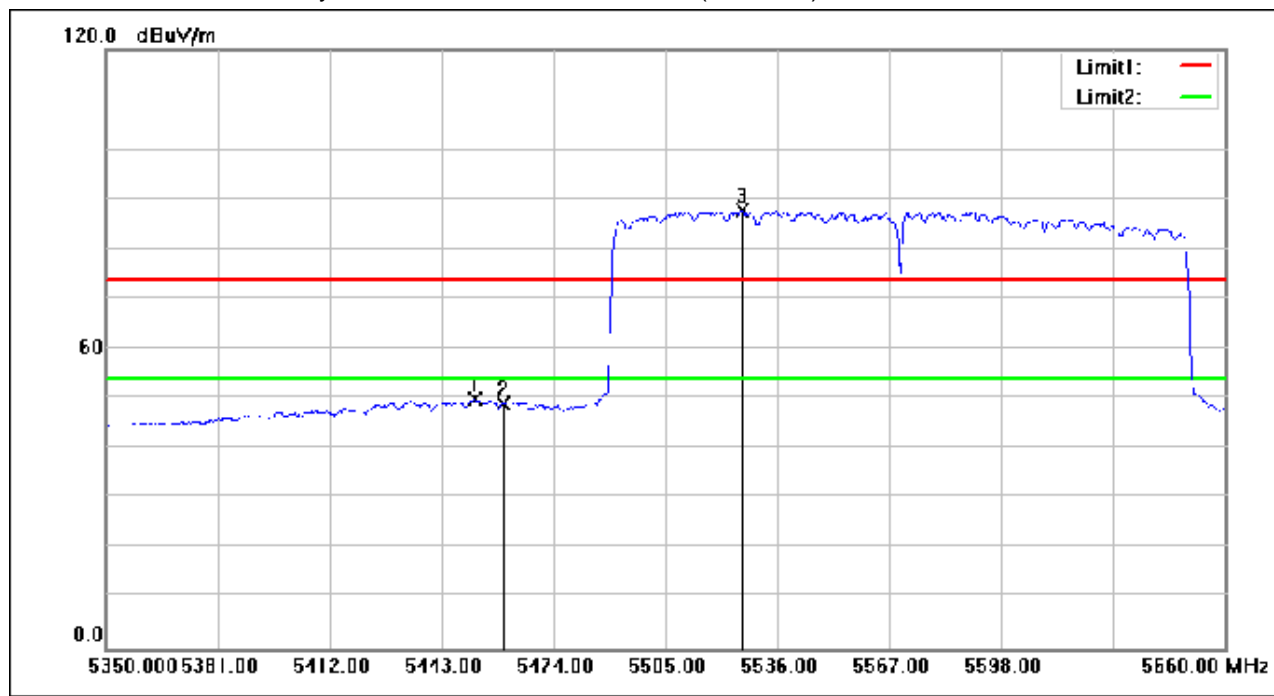
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Test Mode: 03; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 160MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.300	67.74	-17.76	49.98	54.00	-4.02	AVG
2	5460.000	66.92	-17.76	49.16	54.00	-4.84	AVG
3	5526.390	105.40	-17.66	87.74	54.00	33.74	AVG

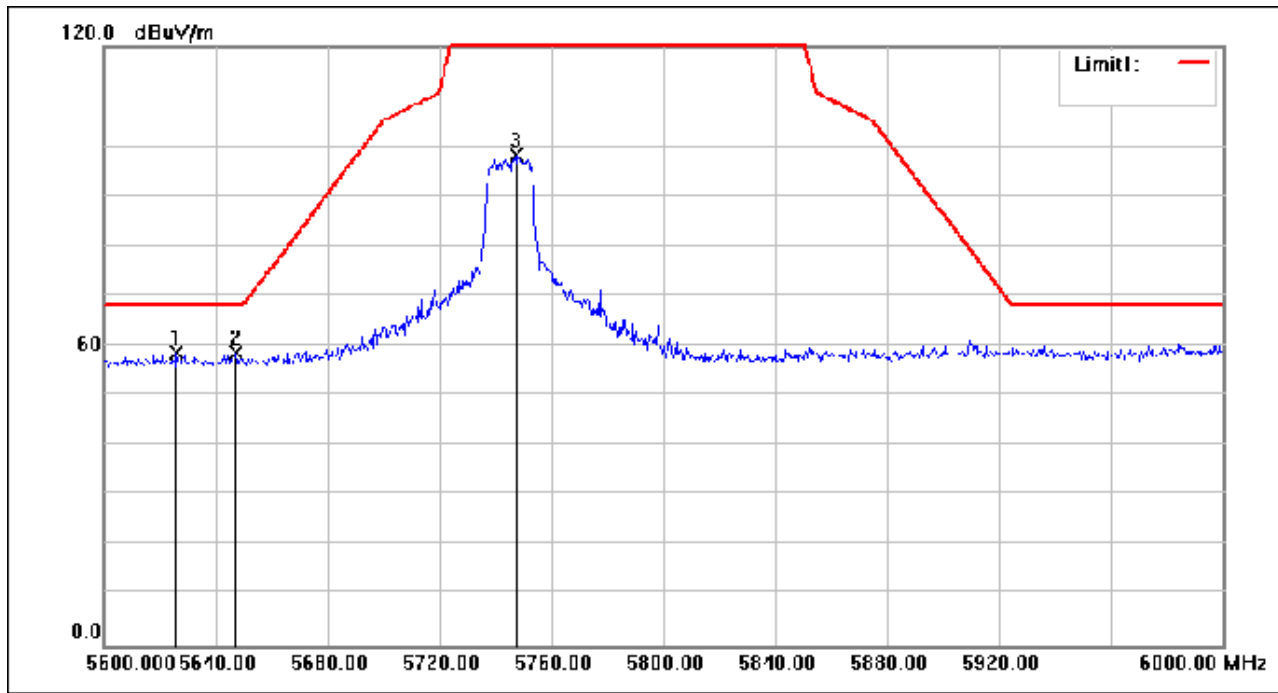
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.000	75.89	-17.34	58.55	68.20	-9.65	peak
2	5647.200	75.92	-17.25	58.67	68.20	-9.53	peak
3	5747.600	115.20	-16.83	98.37	135.00	-36.63	peak

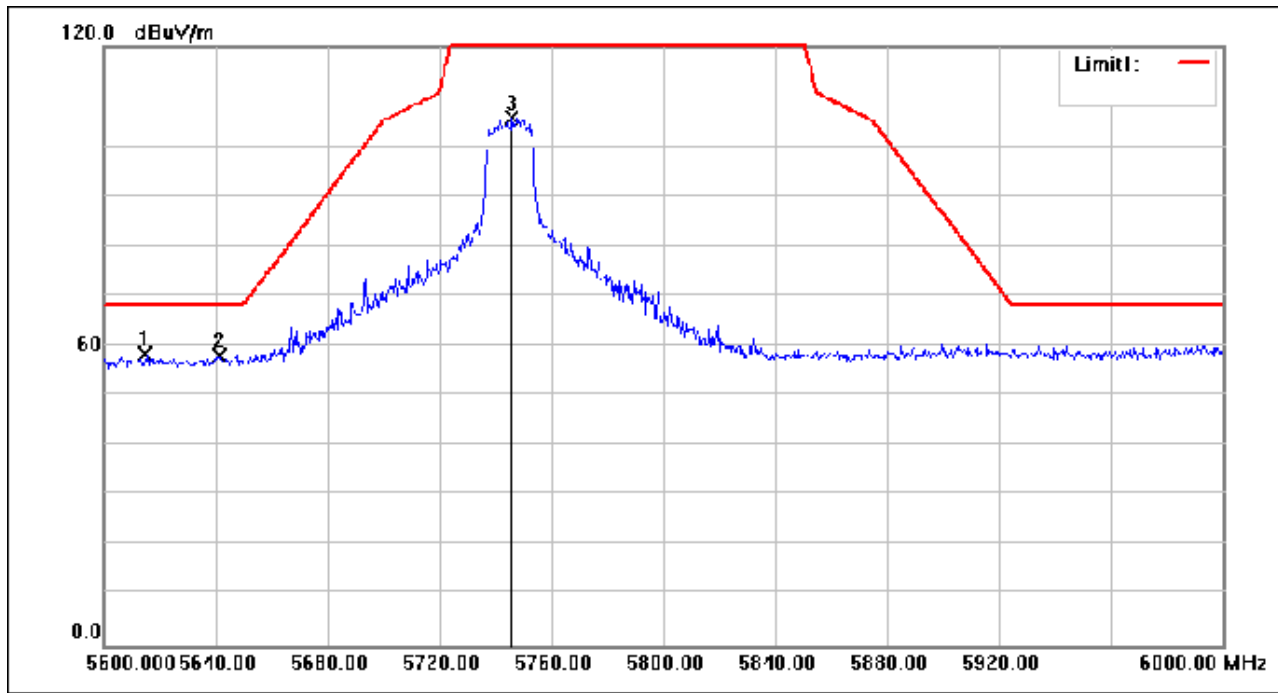
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.800	75.76	-17.38	58.38	68.20	-9.82	peak
2	5641.200	75.30	-17.27	58.03	68.20	-10.17	peak
3	5745.600	122.51	-16.84	105.67	135.00	-29.33	peak

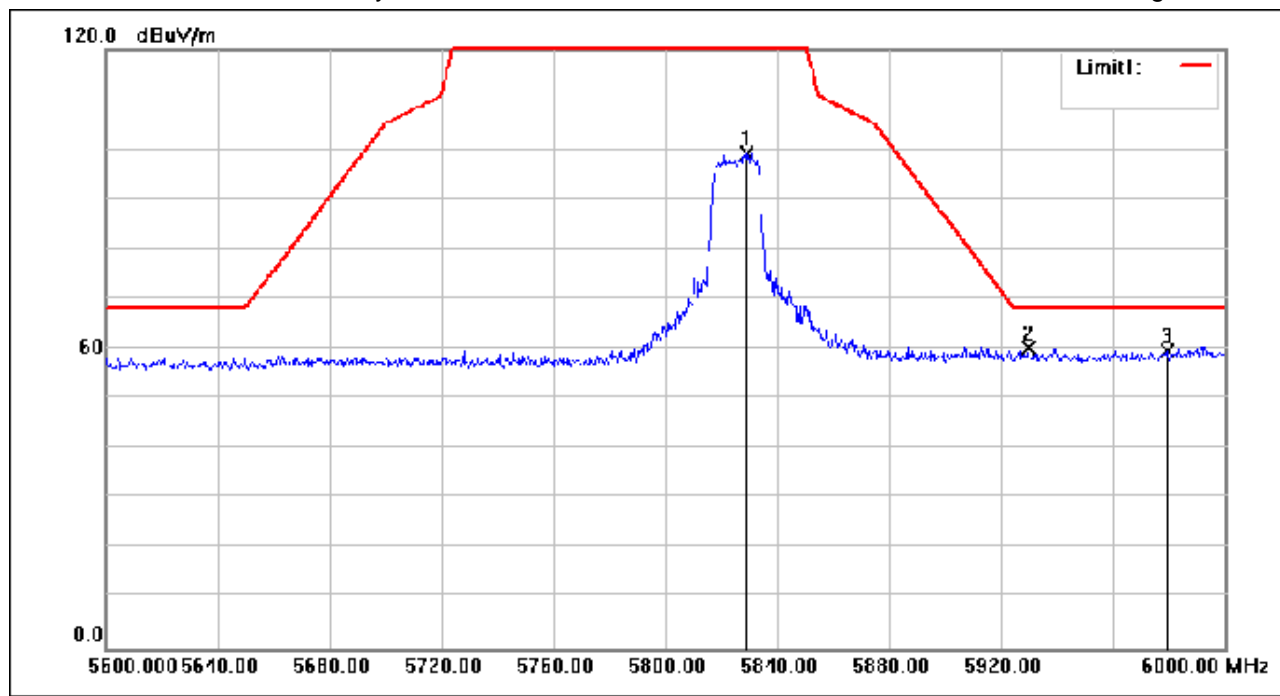
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5829.200	115.57	-16.49	99.08	135.00	-35.92	peak
2	5929.600	76.10	-16.08	60.02	68.20	-8.18	peak
3	5979.200	75.51	-15.87	59.64	68.20	-8.56	peak

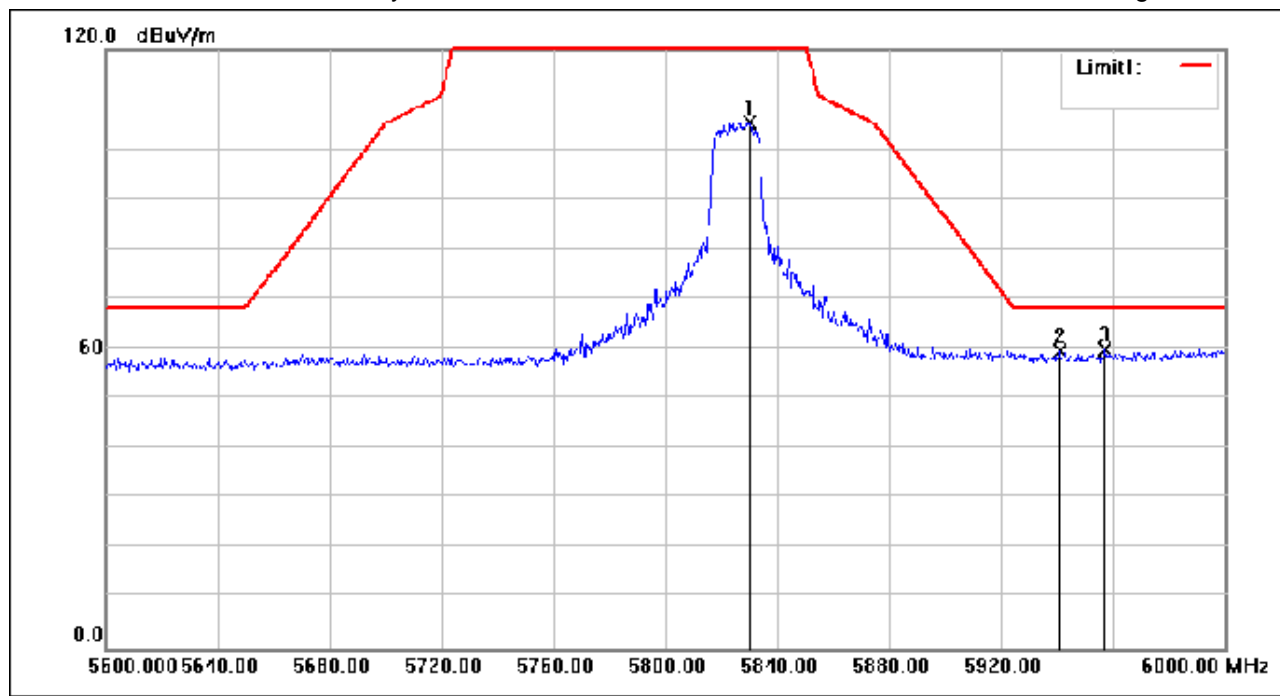
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Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.000	121.96	-16.49	105.47	135.00	-29.53	peak
2	5940.800	75.44	-16.03	59.41	68.20	-8.79	peak
3	5957.200	75.73	-15.96	59.77	68.20	-8.43	peak

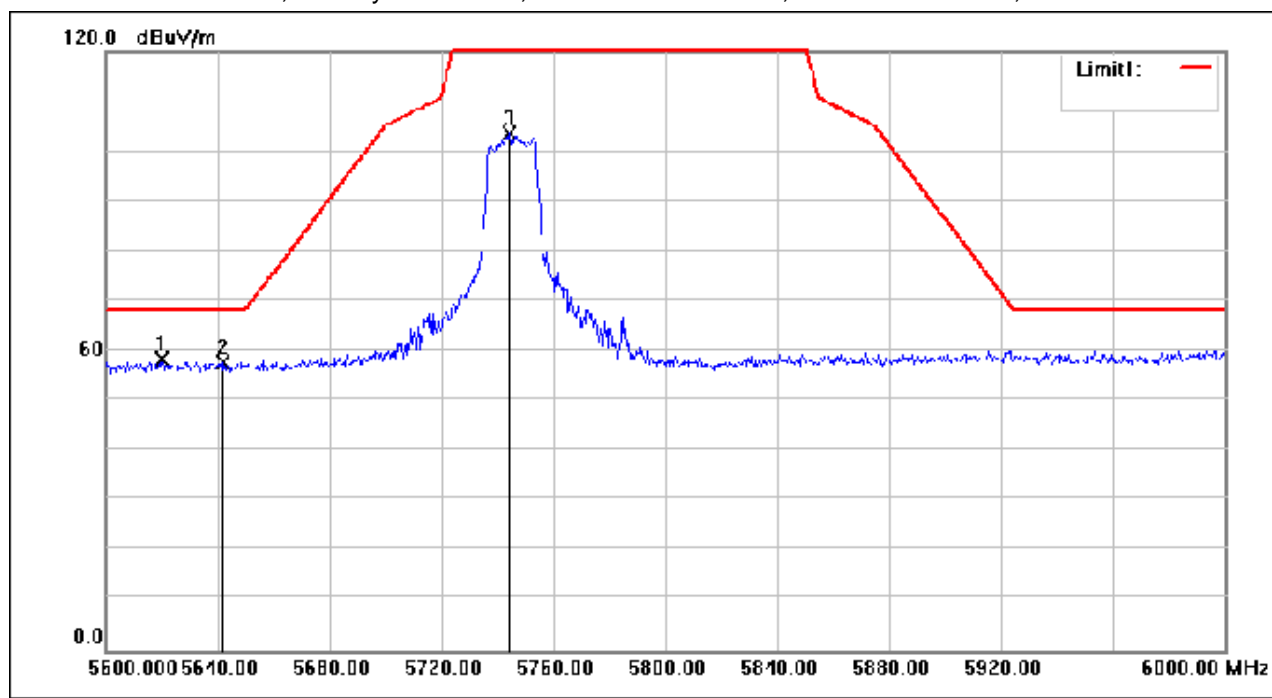
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.000	75.77	-17.36	58.41	68.20	-9.79	peak
2	5642.000	74.96	-17.27	57.69	68.20	-10.51	peak
3	5744.400	120.48	-16.84	103.64	135.00	-31.36	peak

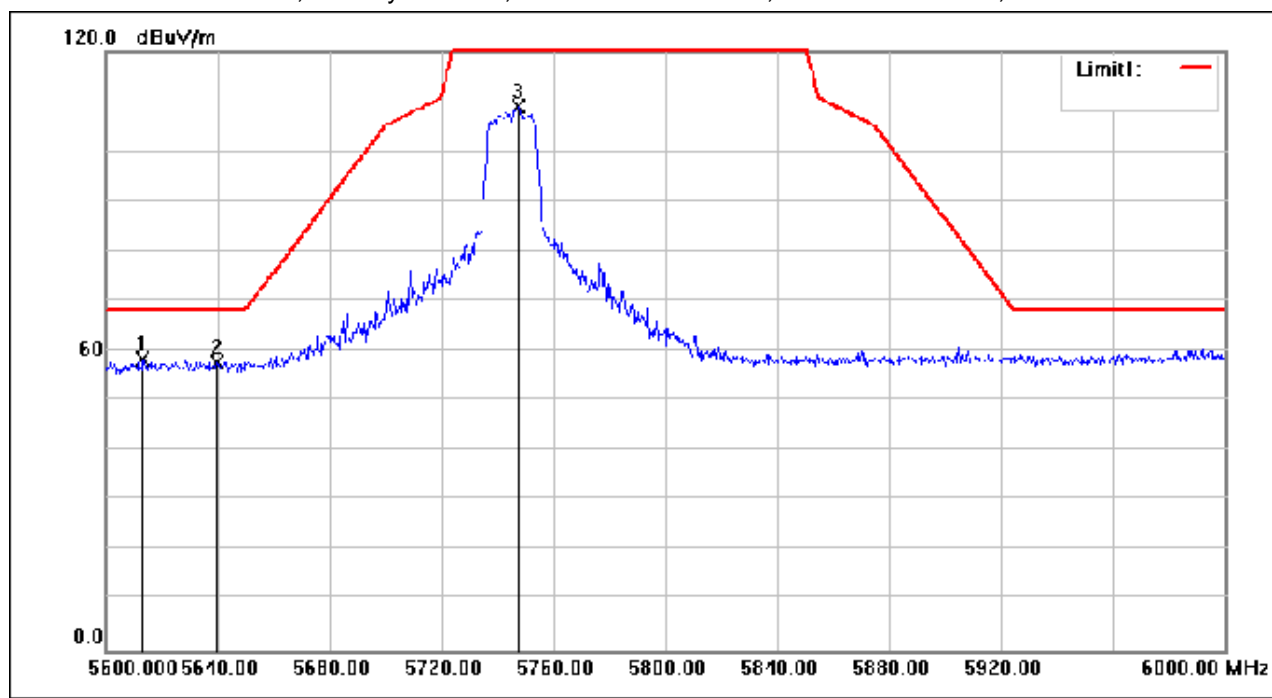
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5613.200	75.70	-17.38	58.32	68.20	-9.88	peak
2	5639.600	75.15	-17.28	57.87	68.20	-10.33	peak
3	5747.600	125.74	-16.83	108.91	135.00	-26.09	peak

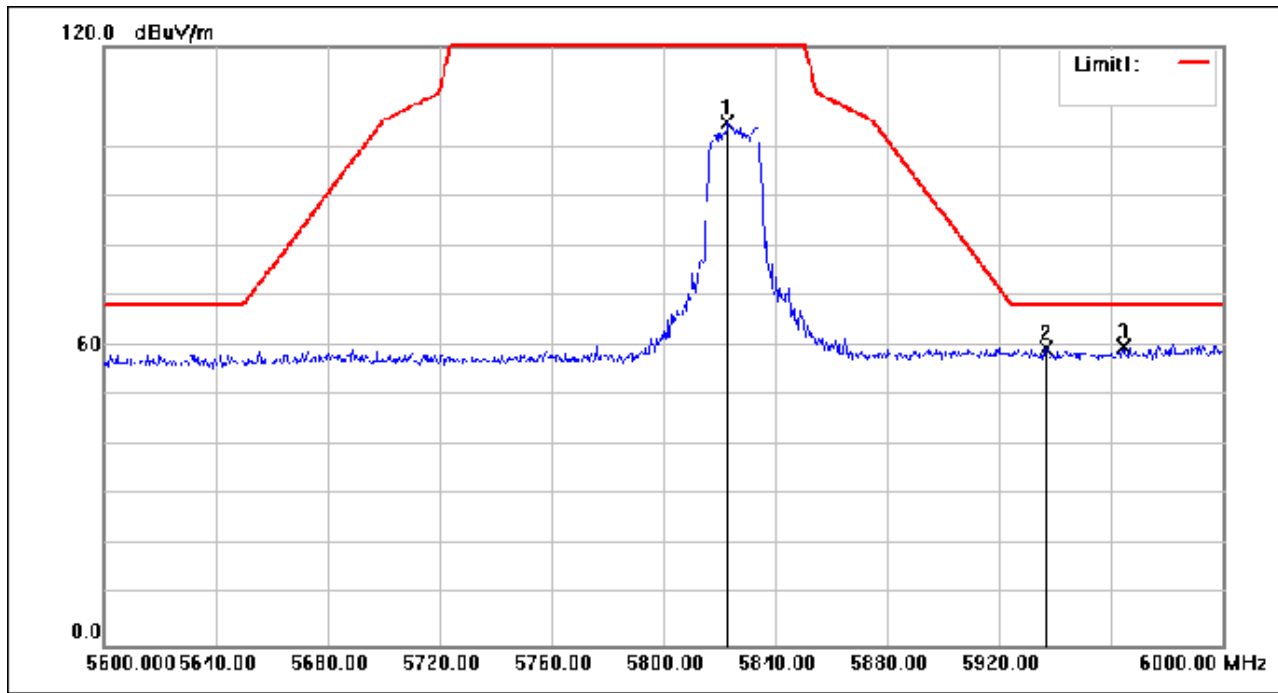
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.800	121.30	-16.52	104.78	135.00	-30.22	peak
2	5936.800	75.48	-16.04	59.44	68.20	-8.76	peak
3	5964.400	75.87	-15.93	59.94	68.20	-8.26	peak

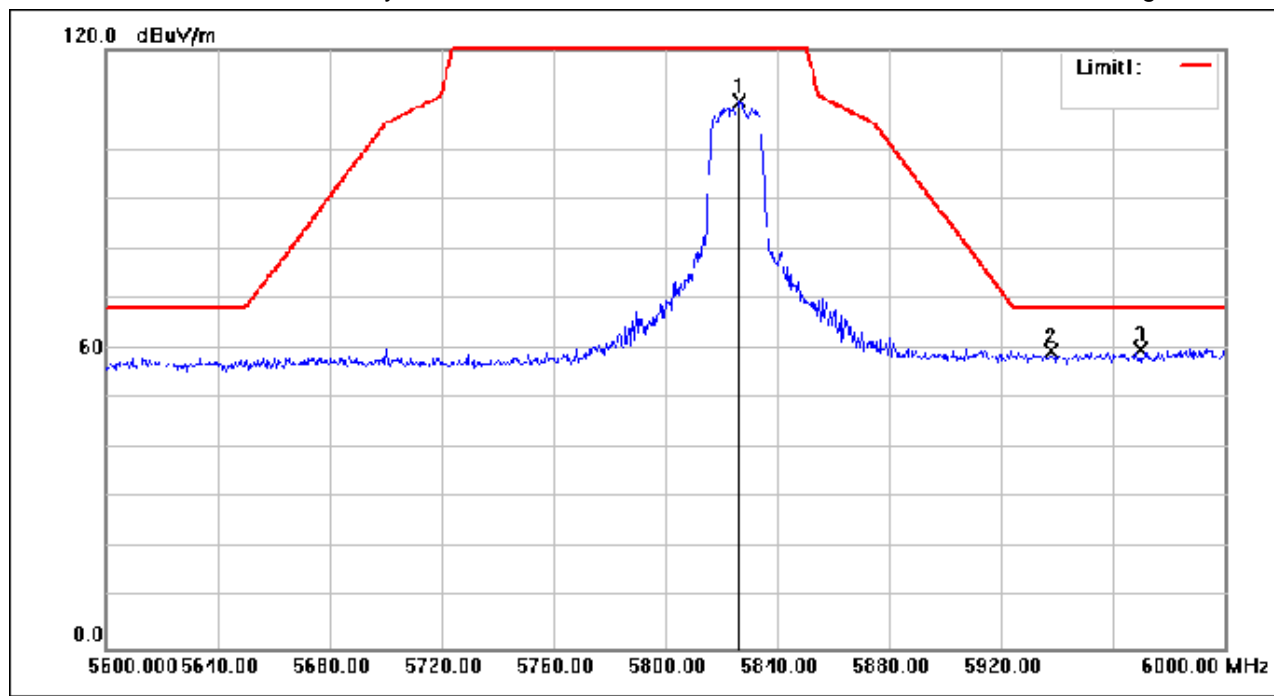
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.400	126.19	-16.50	109.69	135.00	-25.31	peak
2	5938.000	75.58	-16.04	59.54	68.20	-8.66	peak
3	5970.000	75.77	-15.91	59.86	68.20	-8.34	peak

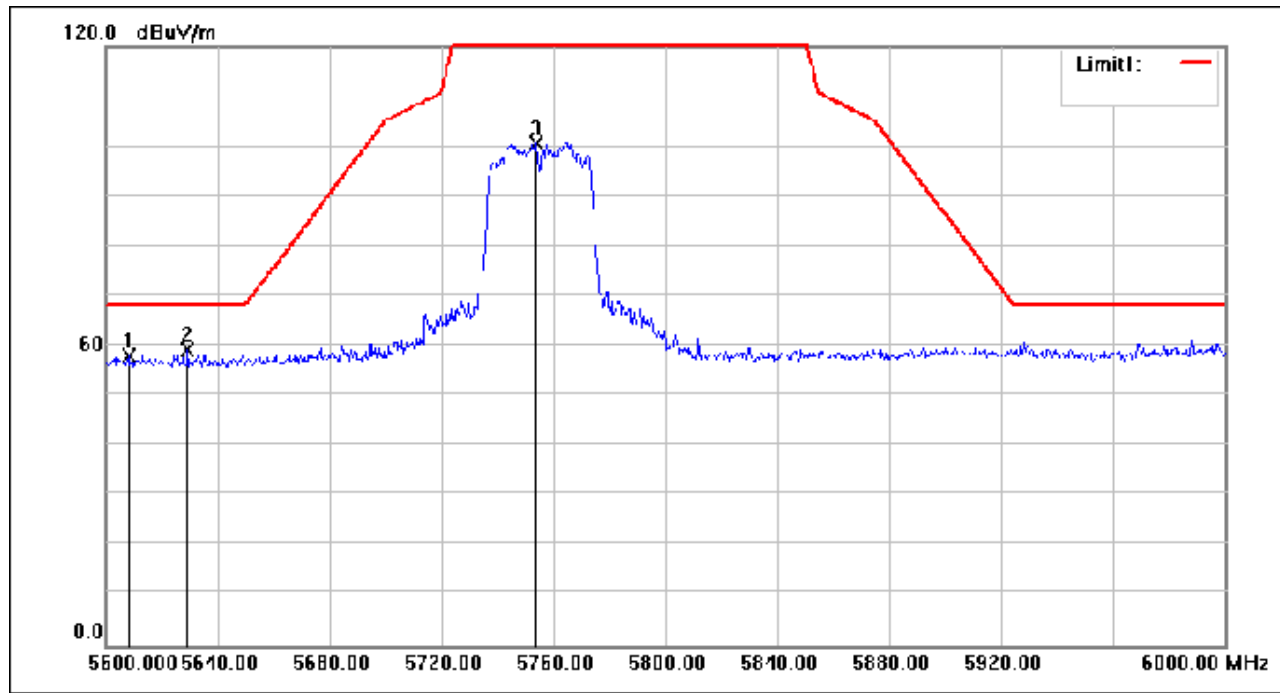
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.000	75.55	-17.41	58.14	68.20	-10.06	peak
2	5629.200	76.53	-17.32	59.21	68.20	-8.99	peak
3	5754.000	117.46	-16.80	100.66	135.00	-34.34	peak

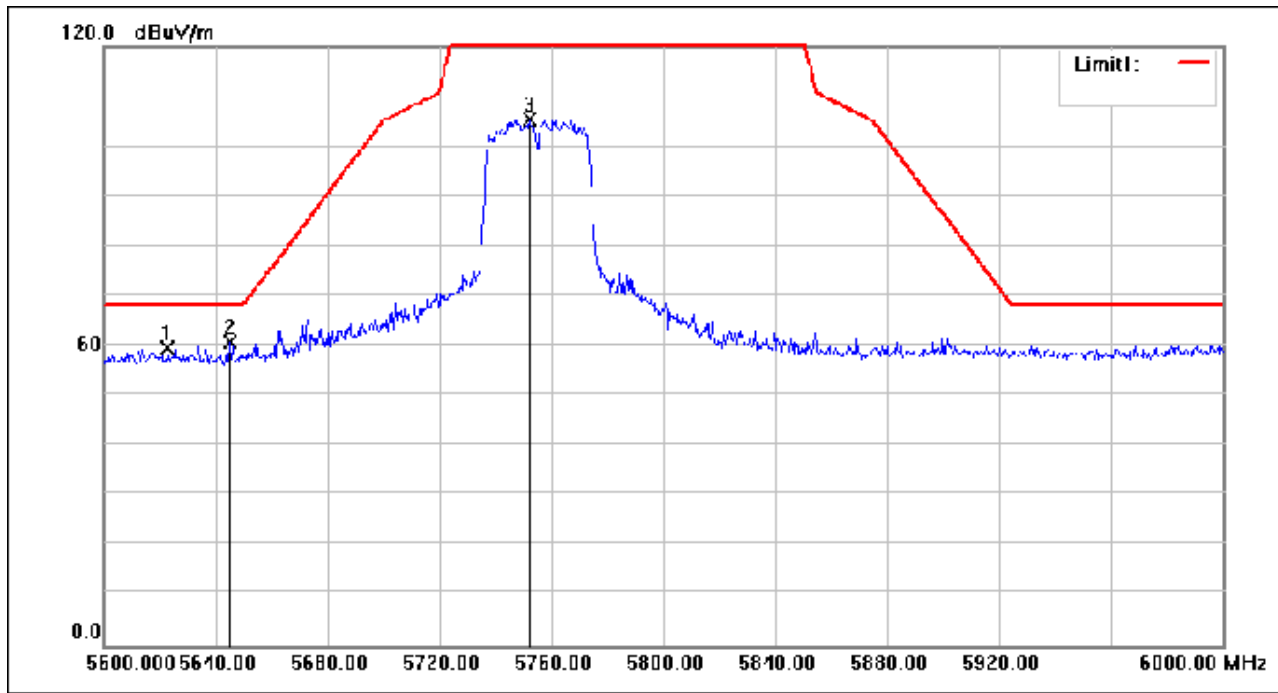
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.800	77.02	-17.35	59.67	68.20	-8.53	peak
2	5644.800	78.07	-17.26	60.81	68.20	-7.39	peak
3	5752.000	122.22	-16.81	105.41	135.00	-29.59	peak

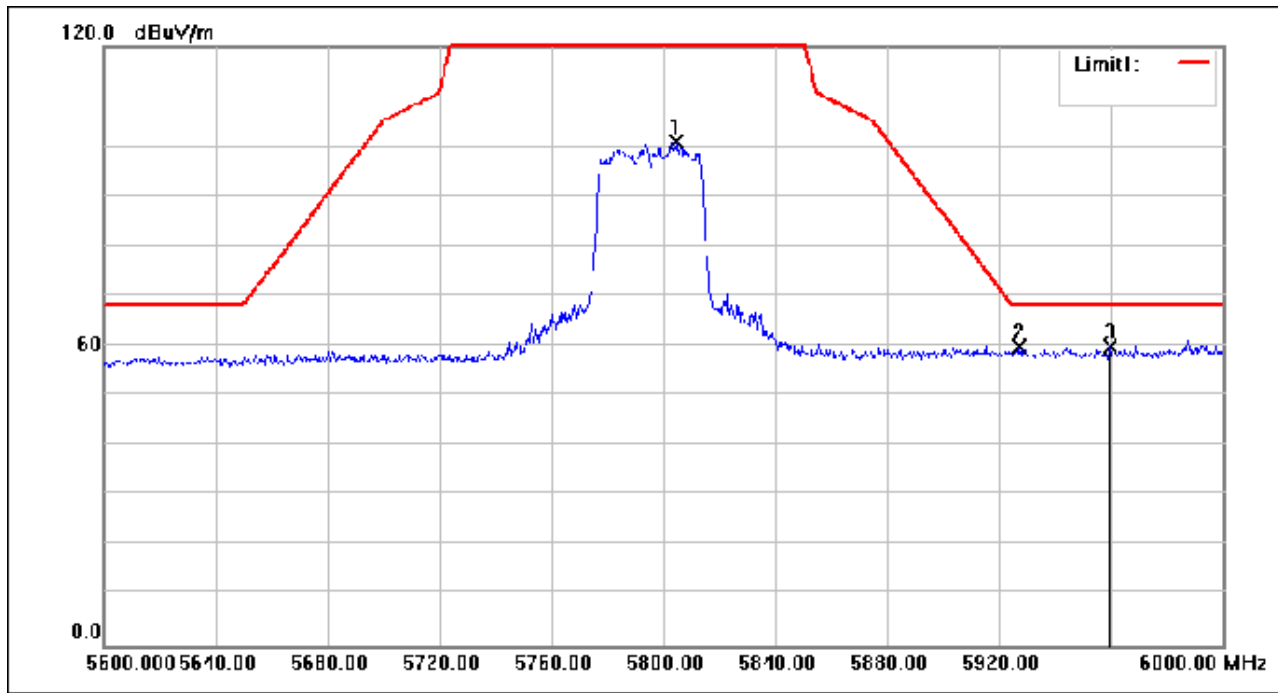
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5804.400	117.58	-16.59	100.99	135.00	-34.01	peak
2	5927.200	75.87	-16.09	59.78	68.20	-8.42	peak
3	5959.600	75.85	-15.95	59.90	68.20	-8.30	peak

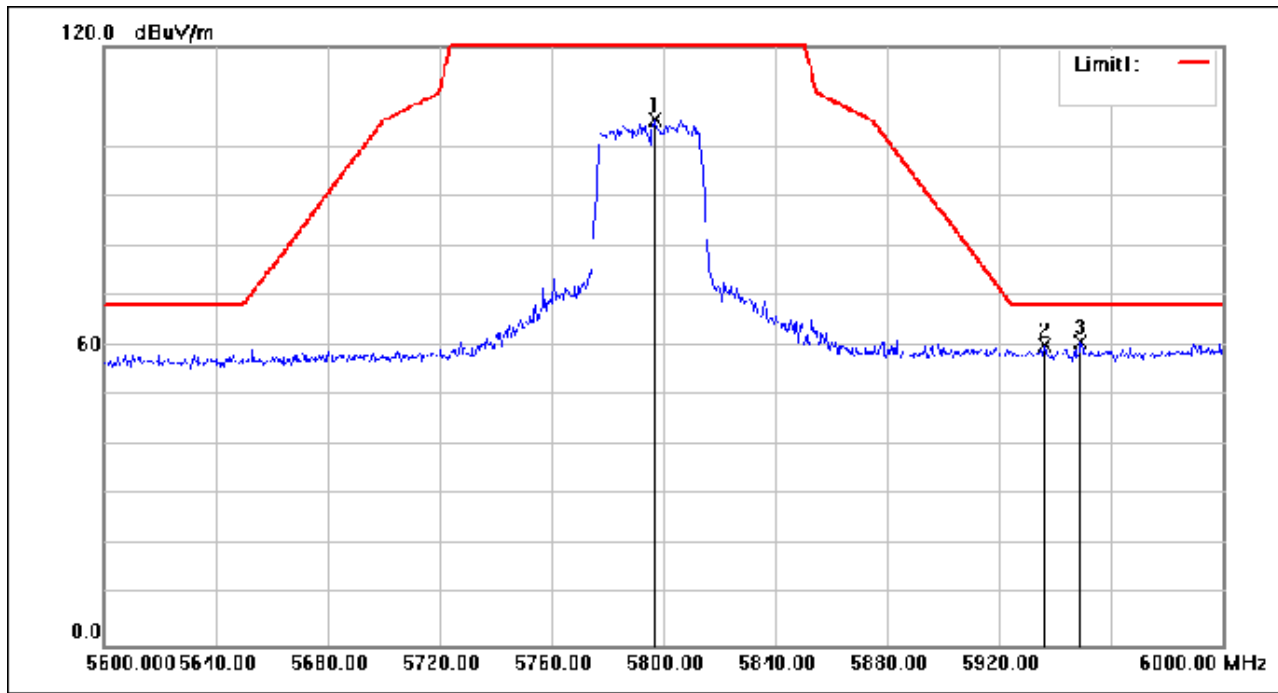
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5796.800	122.00	-16.62	105.38	135.00	-29.62	peak
2	5936.400	76.11	-16.04	60.07	68.20	-8.13	peak
3	5949.200	76.78	-16.00	60.78	68.20	-7.42	peak

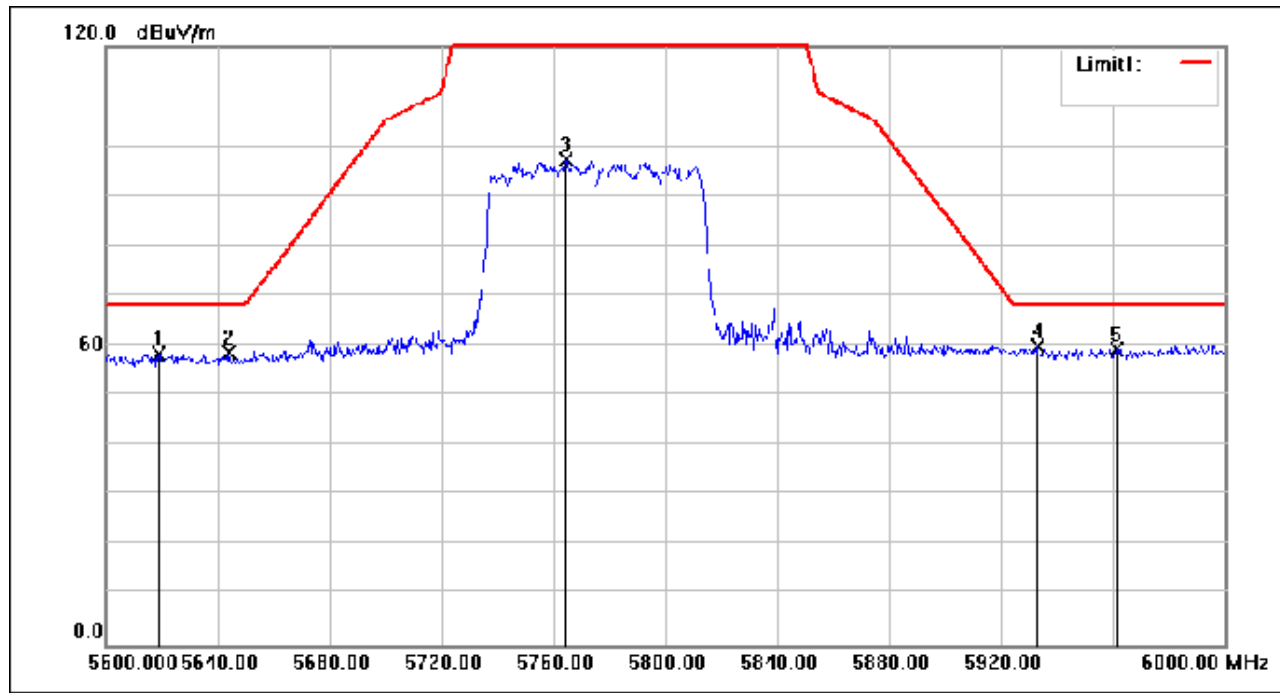
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.800	75.83	-17.36	58.47	68.20	-9.73	peak
2	5644.000	75.96	-17.26	58.70	68.20	-9.50	peak
3	5764.400	114.15	-16.76	97.39	135.00	-37.61	peak
4	5932.800	75.94	-16.06	59.88	68.20	-8.32	peak
5	5961.200	75.24	-15.94	59.30	68.20	-8.90	peak

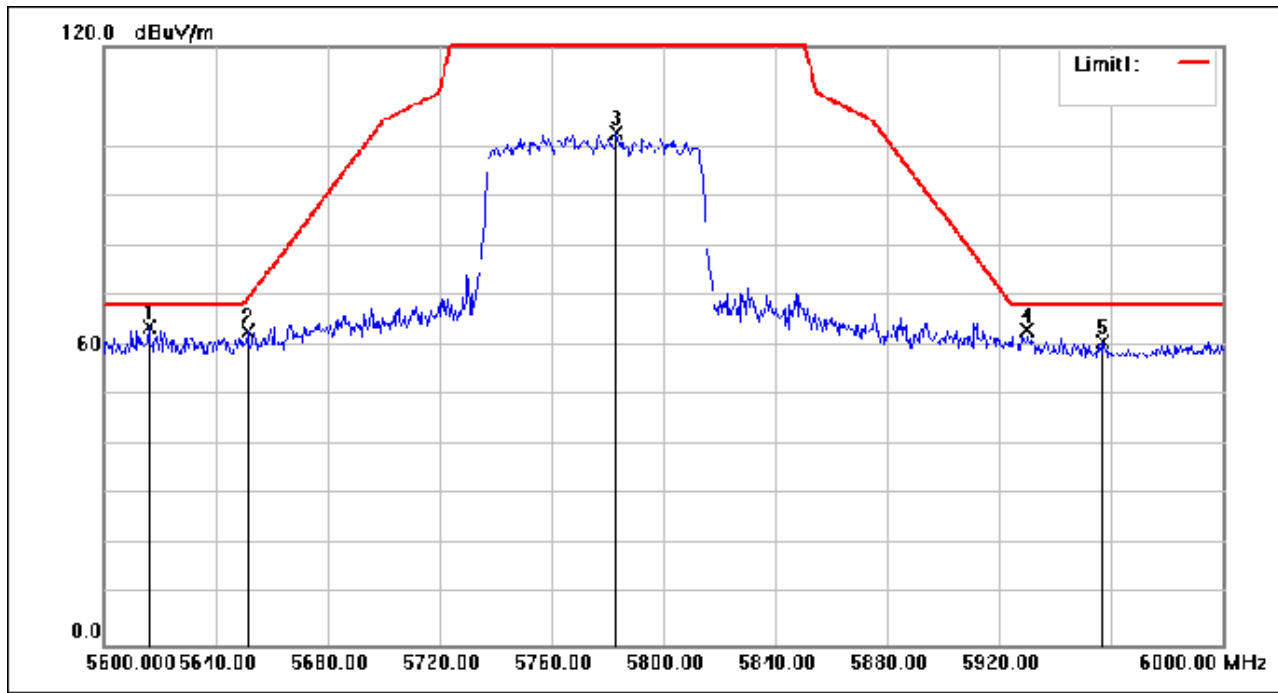
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.000	81.16	-17.37	63.79	68.20	-4.41	peak
2	5651.200	80.10	-17.22	62.88	69.09	-6.21	peak
3	5783.200	119.48	-16.68	102.80	135.00	-32.20	peak
4	5930.000	79.12	-16.07	63.05	68.20	-5.15	peak
5	5957.200	76.63	-15.96	60.67	68.20	-7.53	peak

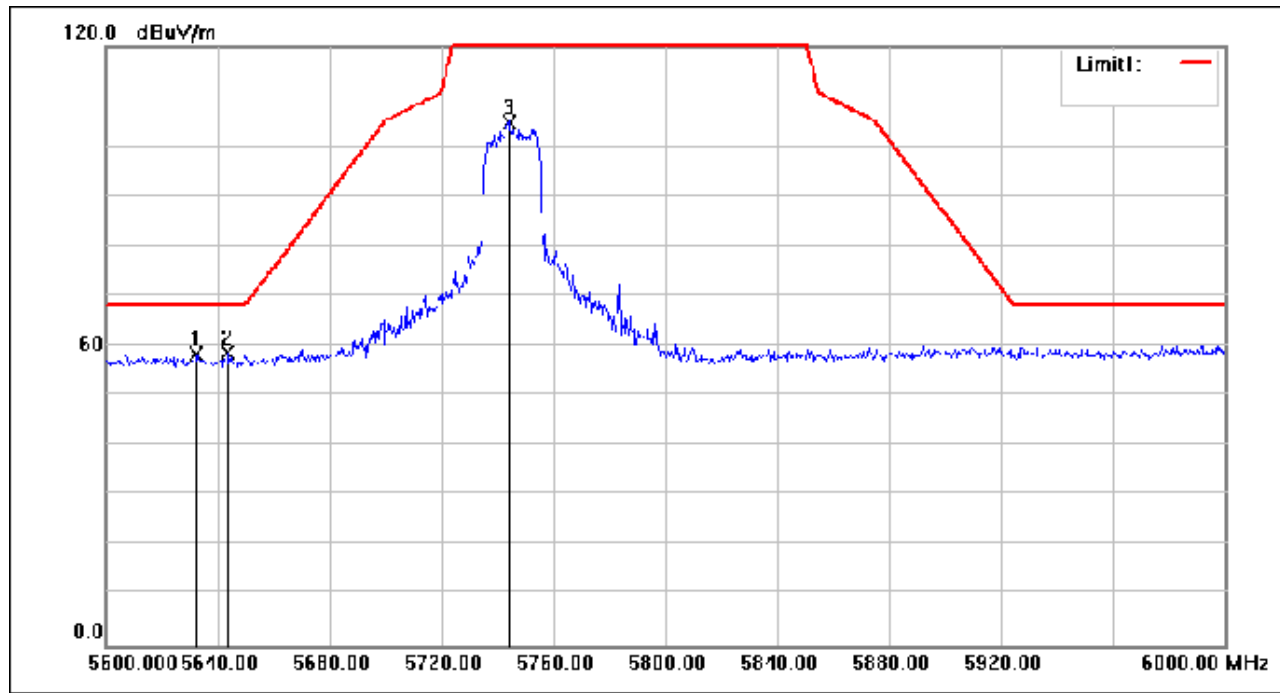
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5632.400	75.74	-17.30	58.44	68.20	-9.76	peak
2	5643.600	75.86	-17.26	58.60	68.20	-9.60	peak
3	5744.000	121.84	-16.84	105.00	135.00	-30.00	peak

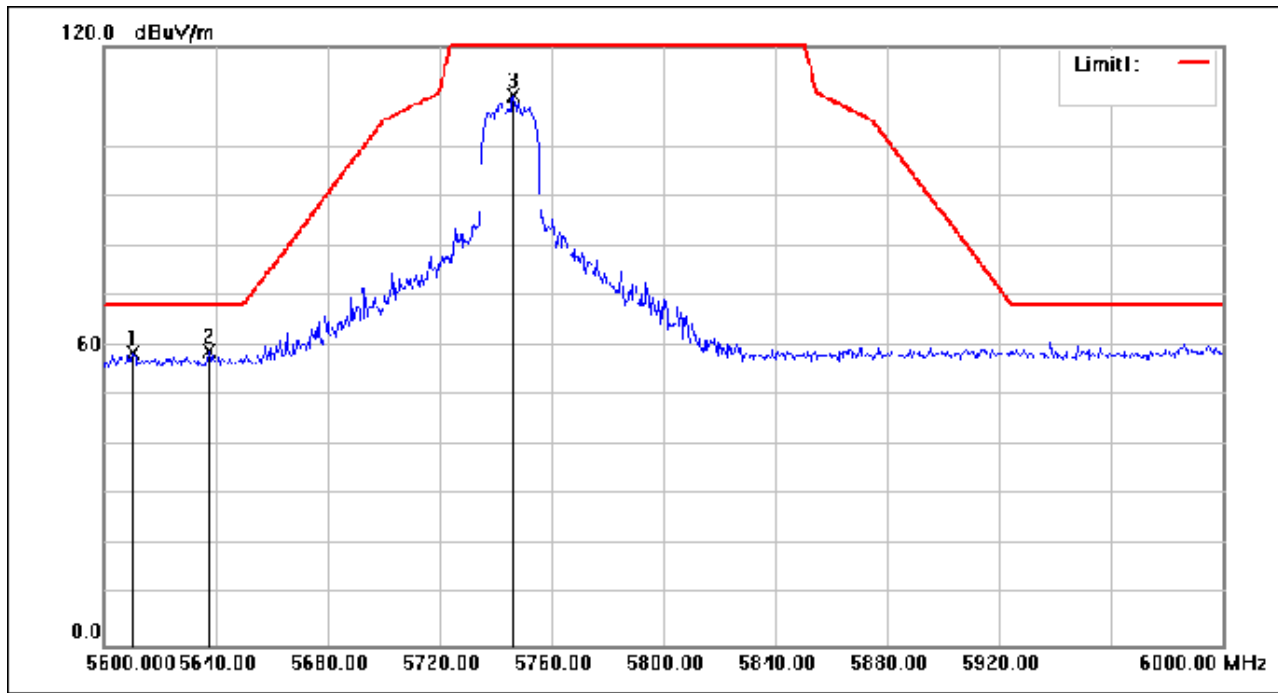
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Test Mode: 04; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.400	76.13	-17.39	58.74	68.20	-9.46	peak
2	5637.600	76.19	-17.28	58.91	68.20	-9.29	peak
3	5746.400	127.07	-16.84	110.23	135.00	-24.77	peak

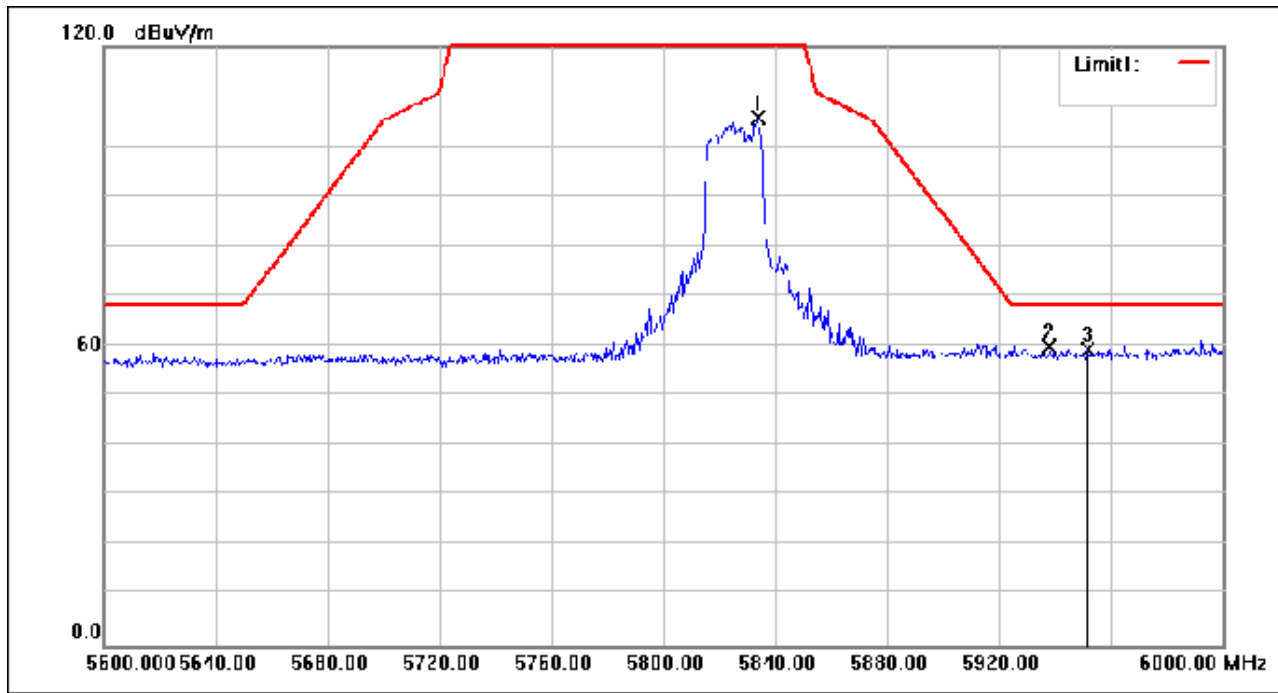
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5833.600	122.28	-16.47	105.81	135.00	-29.19	peak
2	5938.000	75.76	-16.04	59.72	68.20	-8.48	peak
3	5951.600	75.34	-15.98	59.36	68.20	-8.84	peak

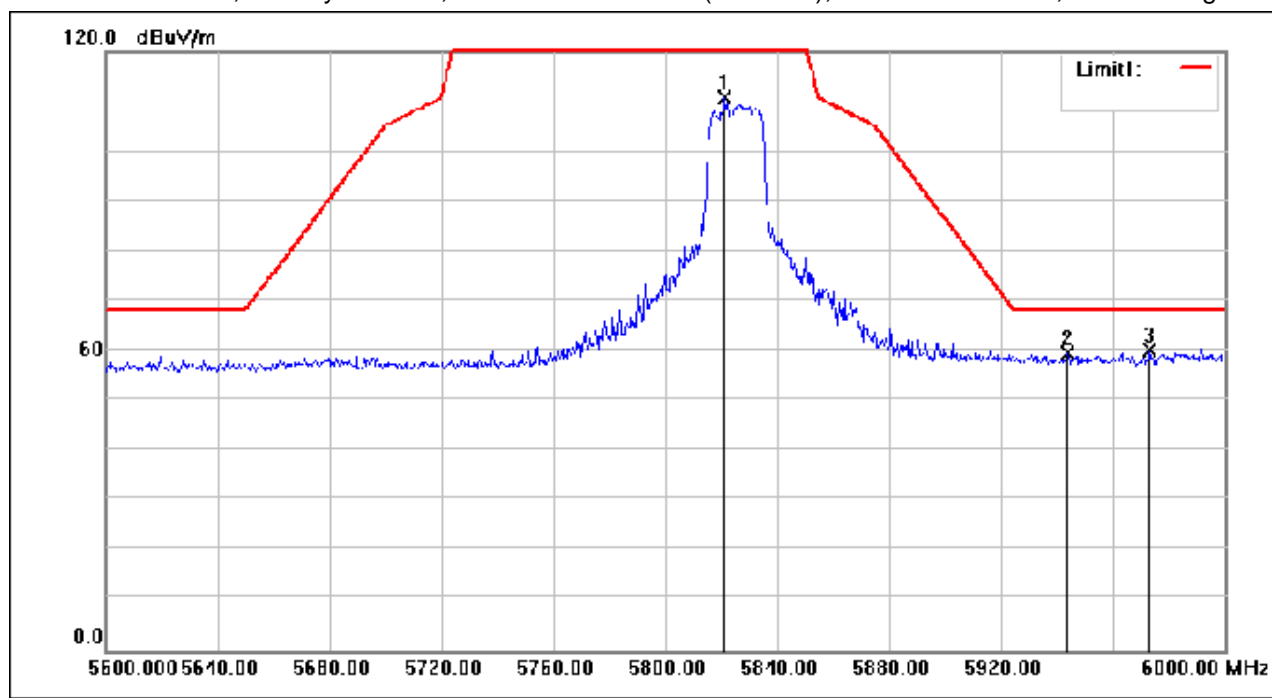
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.800	127.44	-16.52	110.92	135.00	-24.08	peak
2	5943.600	75.54	-16.02	59.52	68.20	-8.68	peak
3	5973.200	75.90	-15.89	60.01	68.20	-8.19	peak

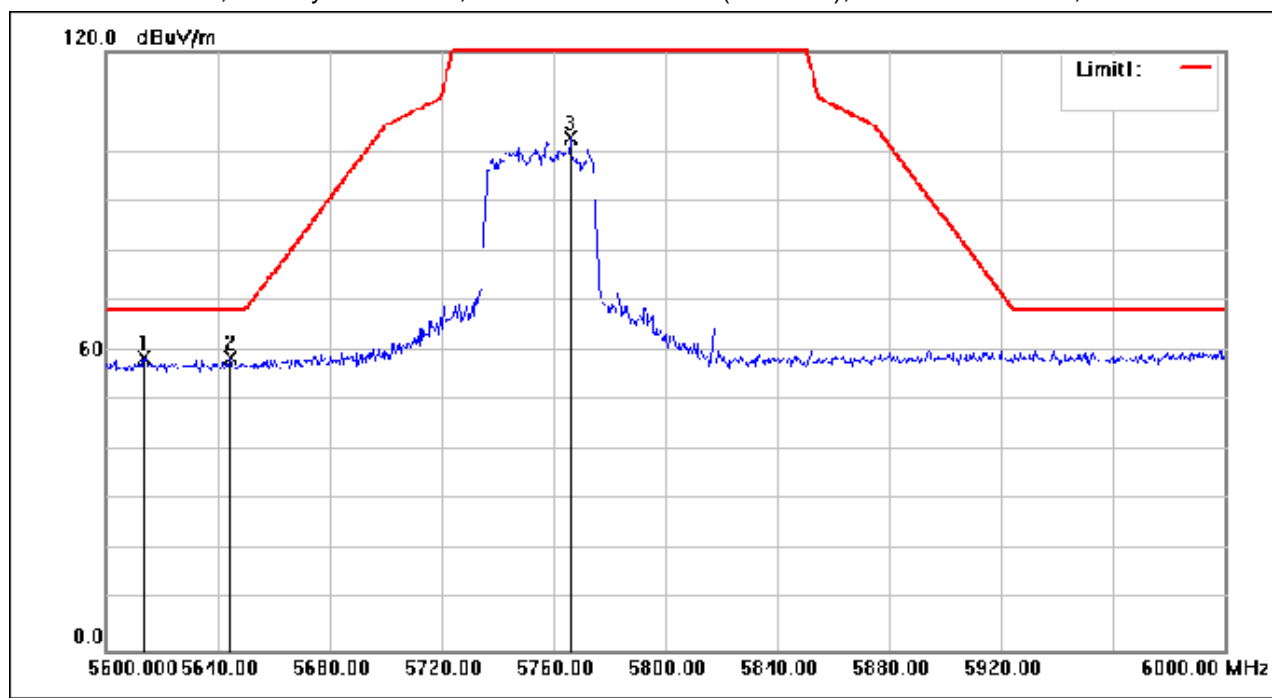
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5613.600	76.06	-17.38	58.68	68.20	-9.52	peak
2	5644.400	75.89	-17.26	58.63	68.20	-9.57	peak
3	5766.000	119.39	-16.75	102.64	135.00	-32.36	peak

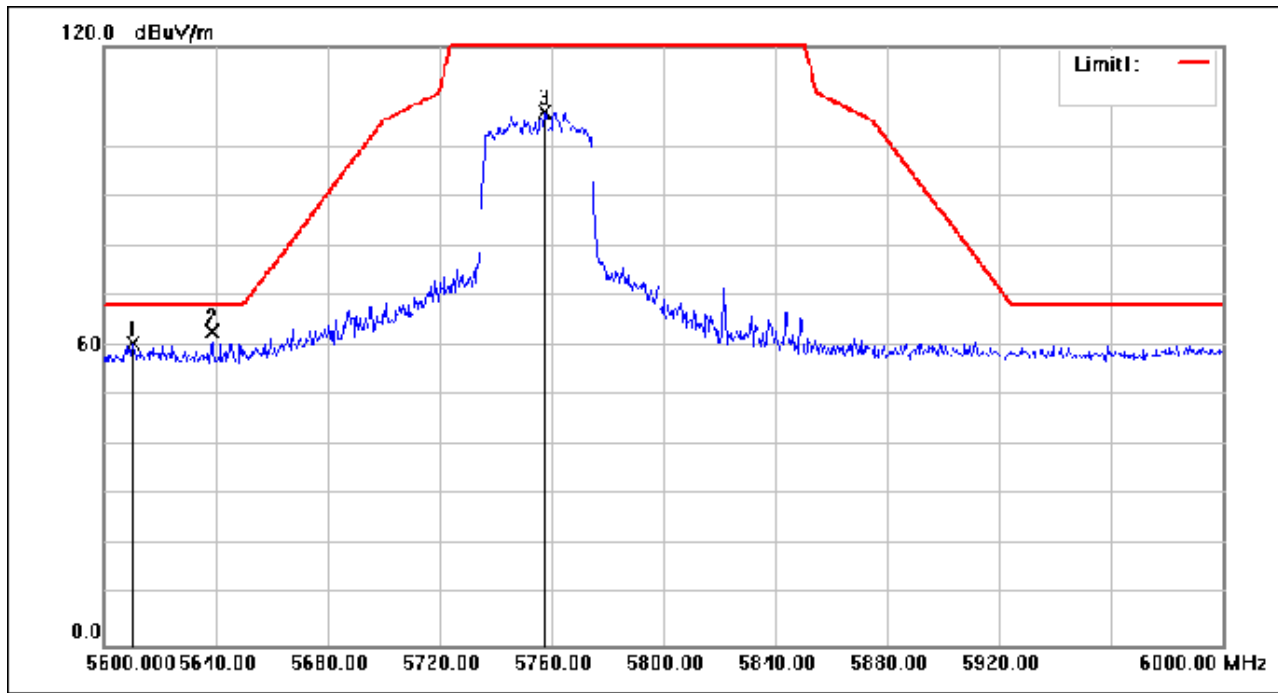
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.400	77.77	-17.39	60.38	68.20	-7.82	peak
2	5638.800	80.03	-17.28	62.75	68.20	-5.45	peak
3	5757.600	123.86	-16.78	107.08	135.00	-27.92	peak

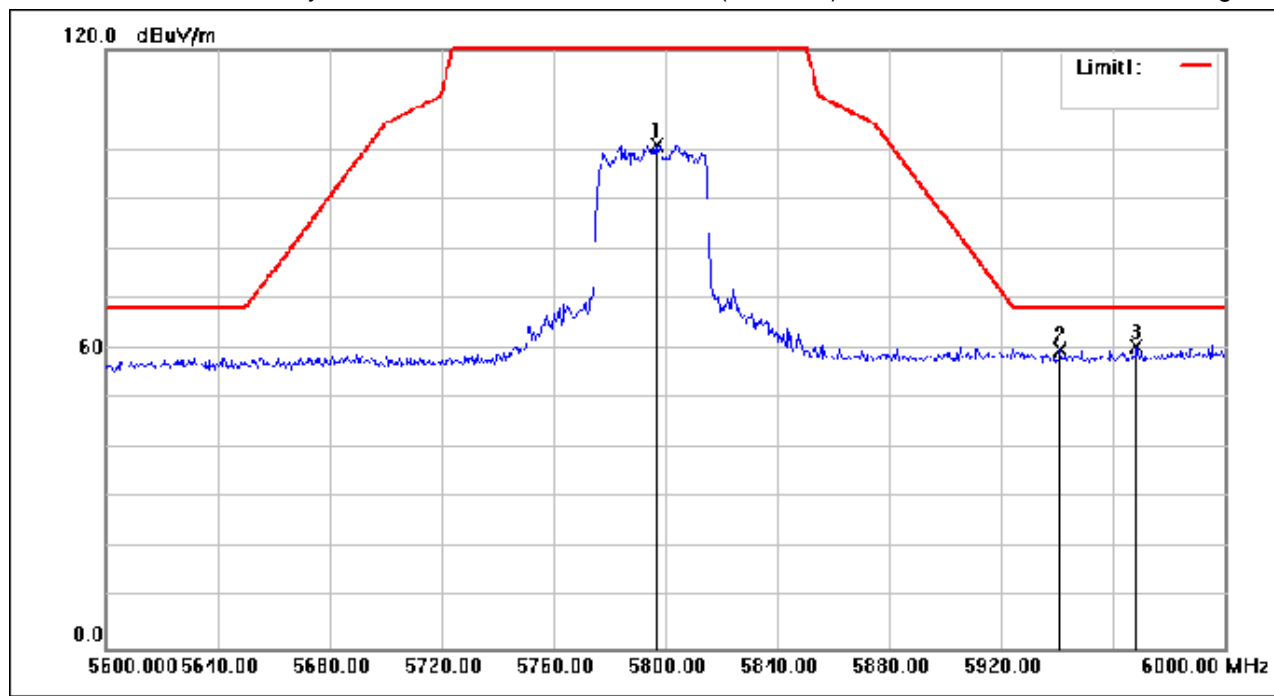
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Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5796.800	117.65	-16.62	101.03	135.00	-33.97	peak
2	5941.200	75.88	-16.02	59.86	68.20	-8.34	peak
3	5968.400	76.26	-15.92	60.34	68.20	-7.86	peak

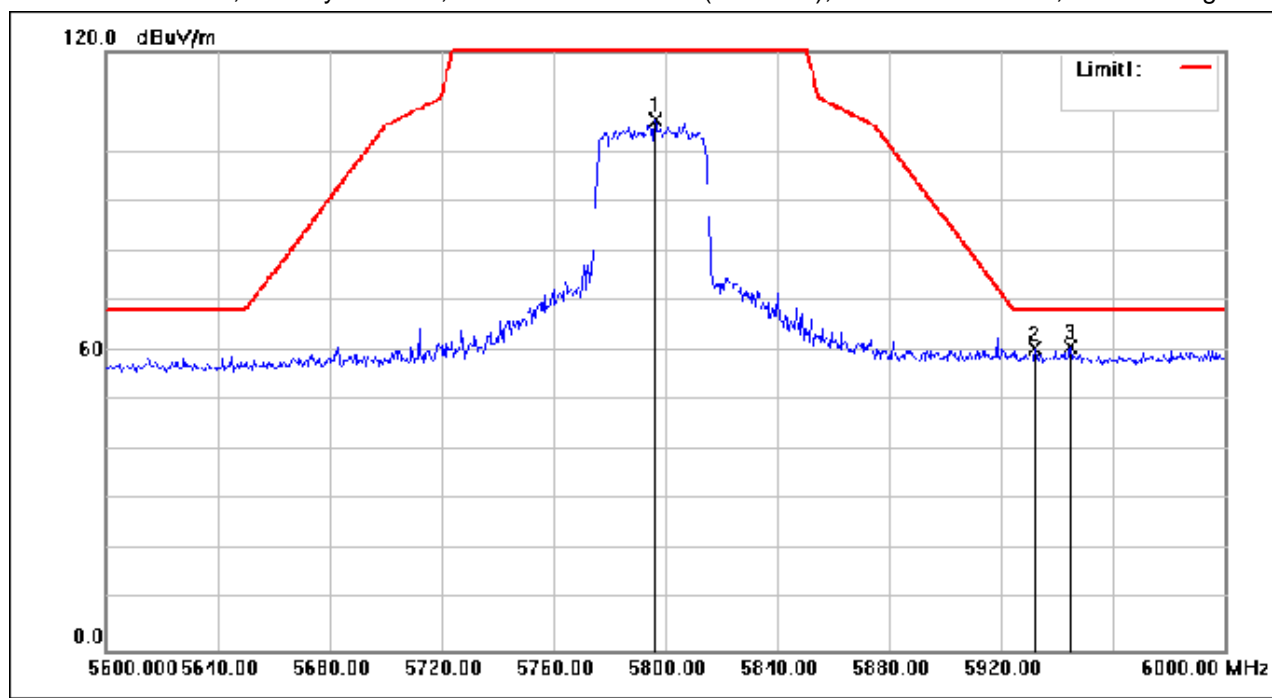
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Test Mode: 04; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5796.400	123.05	-16.62	106.43	135.00	-28.57	peak
2	5932.000	76.61	-16.06	60.55	68.20	-7.65	peak
3	5944.800	76.64	-16.01	60.63	68.20	-7.57	peak

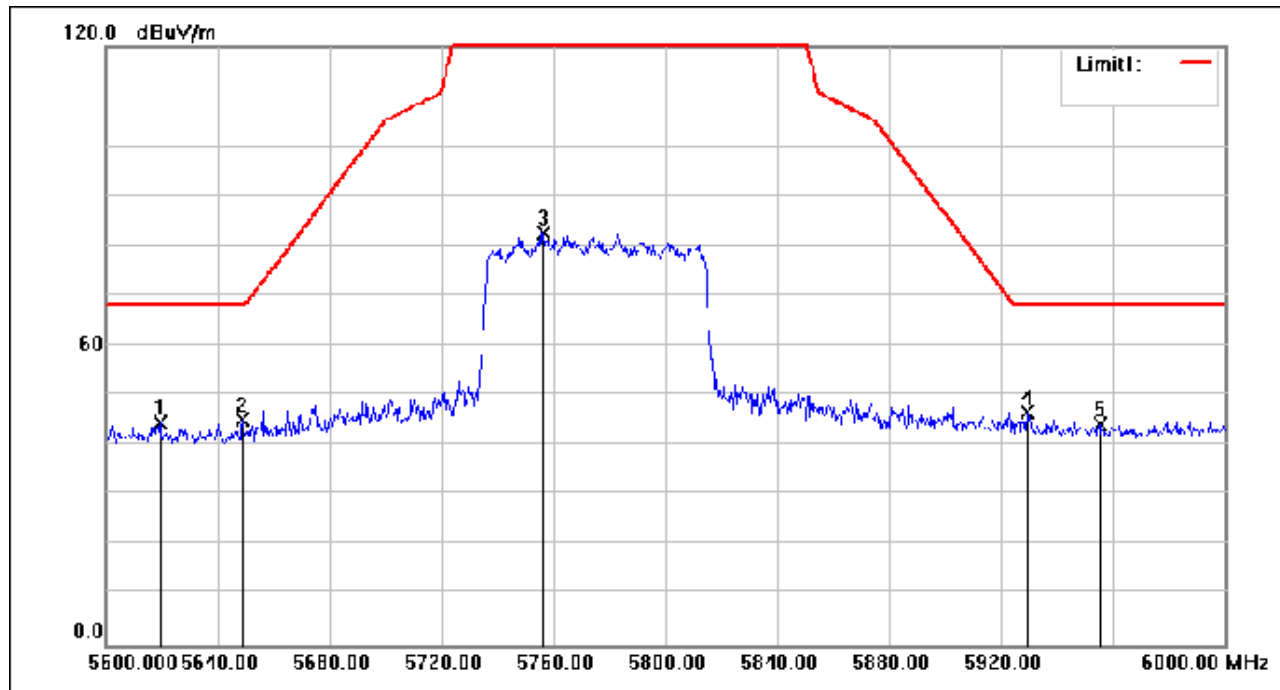
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Test Mode: 04; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5619.600	62.02	-17.36	44.66	68.20	-23.54	peak
2	5648.800	62.44	-17.24	45.20	68.20	-23.00	peak
3	5756.400	99.48	-16.79	82.69	135.00	-52.31	peak
4	5929.200	62.63	-16.08	46.55	68.20	-21.65	peak
5	5955.200	60.09	-15.96	44.13	68.20	-24.07	peak

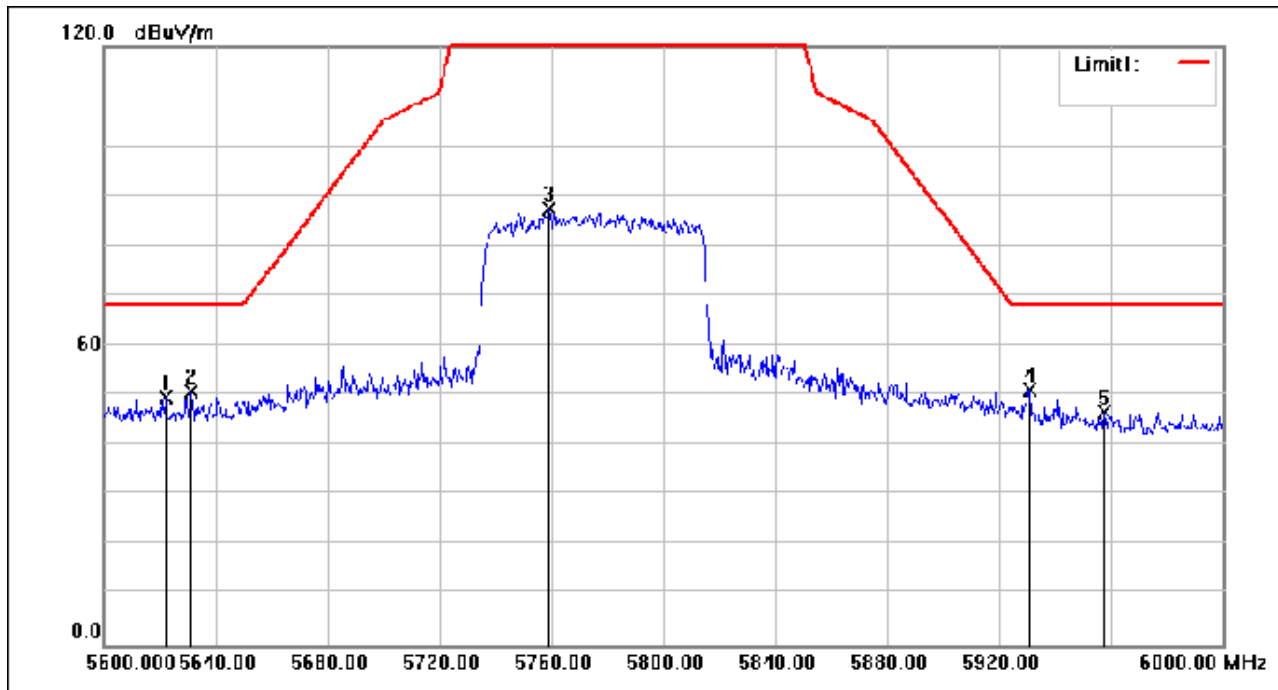
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Test Mode: 04; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5622.000	67.05	-17.35	49.70	68.20	-18.50	peak
2	5631.200	68.10	-17.31	50.79	68.20	-17.41	peak
3	5759.200	104.25	-16.78	87.47	135.00	-47.53	peak
4	5930.800	67.21	-16.06	51.15	68.20	-17.05	peak
5	5957.600	62.66	-15.95	46.71	68.20	-21.49	peak

7.6 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
<p>Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p>Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p> <p>Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>			

7.6.1 E.U.T. Operation

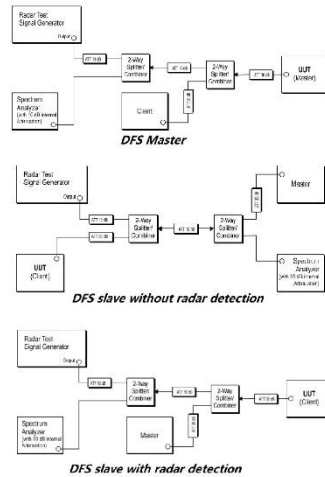
Operating Environment:

Temperature: 20.5 °C Humidity: 54.0 % RH Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.7 Duty Cycle

Test Requirement KDB 789033 D02 II B 1
Test Method: KDB 789033 II B 1

7.7.1 E.U.T. Operation

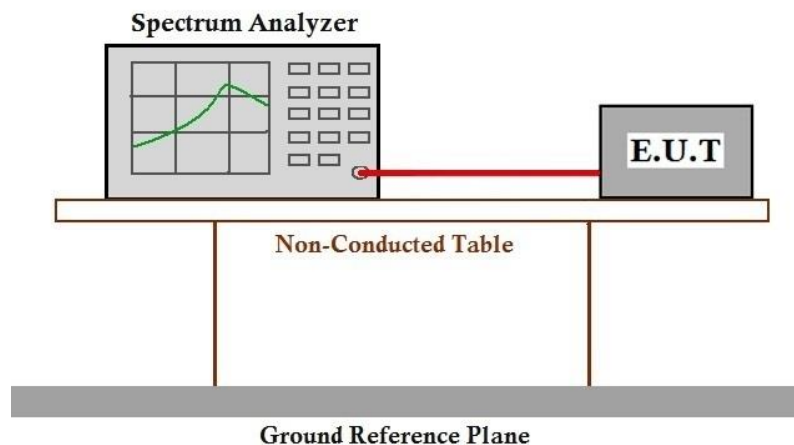
Operating Environment:

Temperature: 20.5 °C Humidity: 54.0 % RH Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.7.3 Test Setup Diagram





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7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 99% Bandwidth

Test Requirement N/A
Test Method: KDB 789033 II D

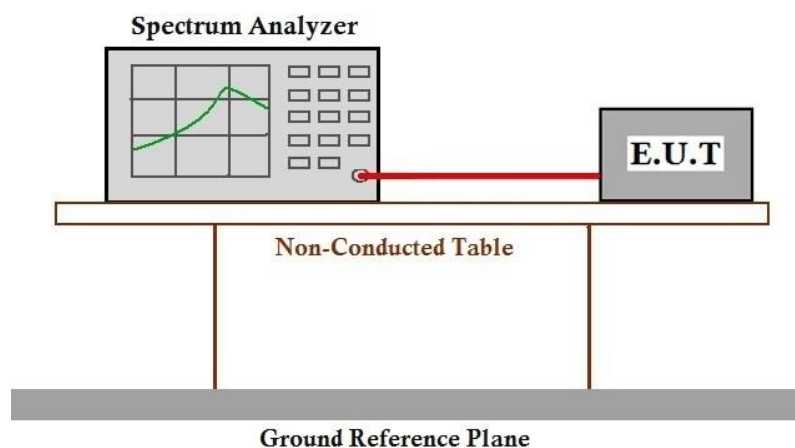
7.8.1 E.U.T. Operation

Operating Environment:
Temperature: 20.5 °C Humidity: 54.0 % RH Atmospheric Pressure: 1010 mbar

7.8.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.8.3 Test Setup Diagram





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7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.9 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II C 1

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

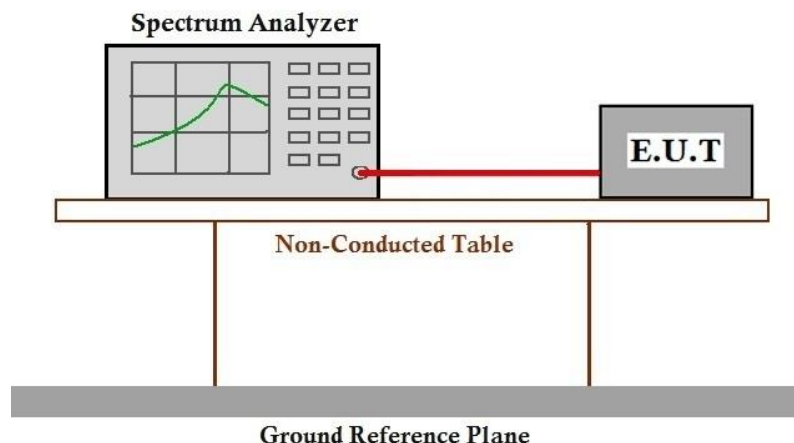
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram





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7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.10 Minimum 6 dB bandwidth (5.725-5.85 GHz band)

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit:

Frequency band(MHz)	Limit
5725-5850	≥ 500 kHz

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

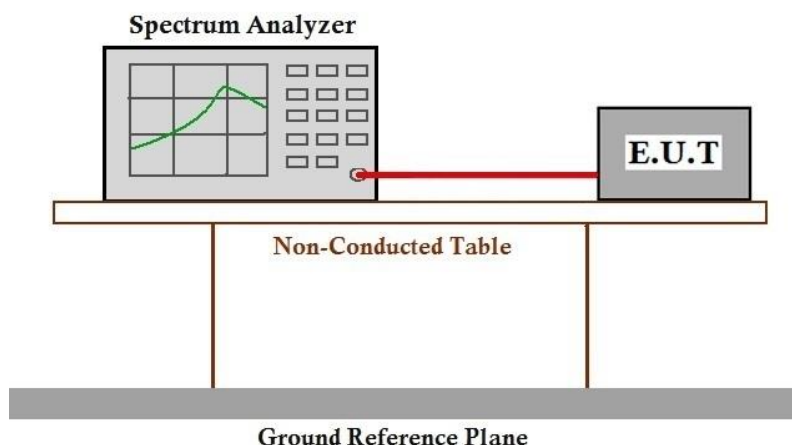
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: KDB 789033 D02 II F

Limit:

Frequency band(MHz)	Limit
5150-5250	≤17dBm in 1MHz for master device
	≤11dBm in 1MHz for client device
5250-5350	≤11dBm in 1MHz for client device
5470-5725	≤11dBm in 1MHz for client device
5725-5850	≤30dBm in 500 kHz
Remark:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.

7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

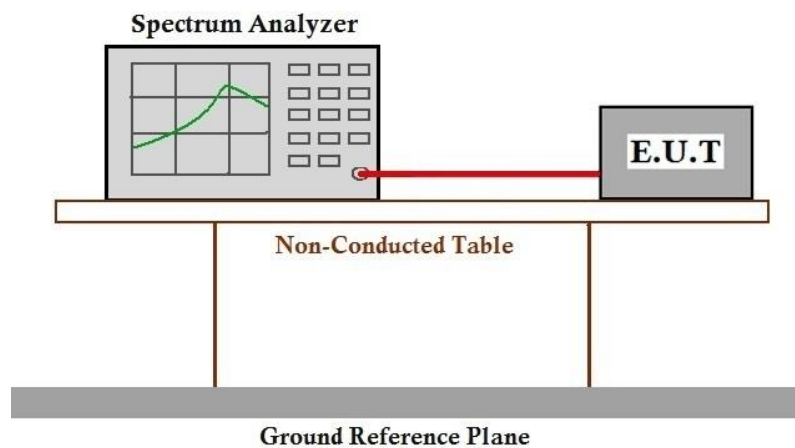
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)

Test Method: ANSI C63.10 (2013) Section 6.8

7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 20.5 °C

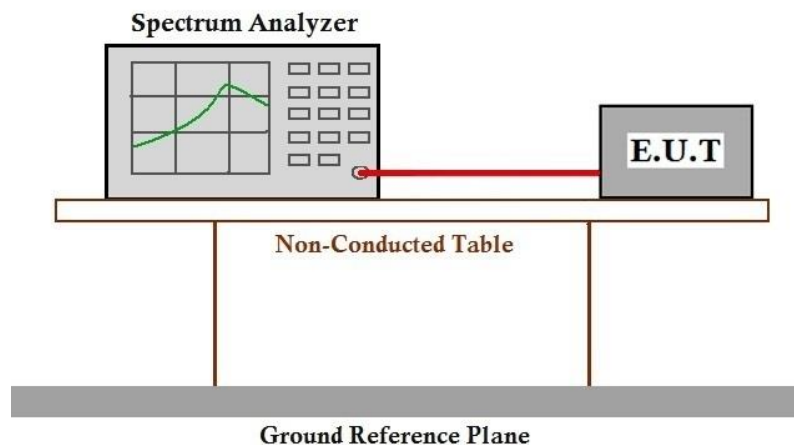
Humidity: 54.0 % RH

Atmospheric Pressure: 1010 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	01	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	02	TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.
Final test	03	TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80/160, Only the data of worst case is recorded in the report.
Final test	04	TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report.

7.12.3 Test Setup Diagram





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7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.13 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

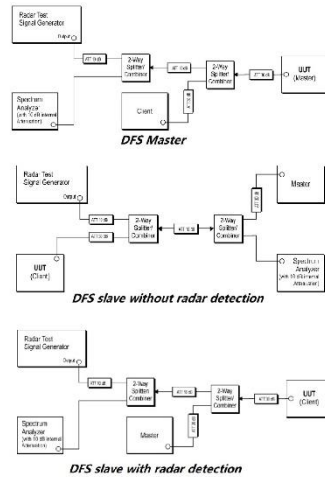
Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
<p>Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p>Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p> <p>Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>			

7.13.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 48 % RH Atmospheric Pressure: 1010 mbar

7.13.2 Test Setup Diagram



7.13.3 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.14 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
<p>Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p>Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p> <p>Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>			

7.14.1 E.U.T. Operation

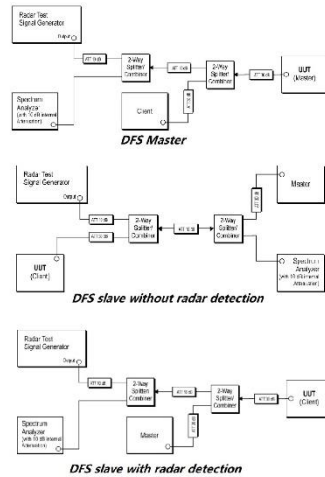
Operating Environment:

Temperature: 20.5 °C Humidity: 54.0 % RH Atmospheric Pressure: 1010 mbar

7.14.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	05	Normal operating_Keep the EUT communication with the companion device.

7.14.3 Test Setup Diagram



7.14.4 Measurement Procedure and Data

- 1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.
- 2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.
- 3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.
- 4) EUT will associate with the master at channel. The file "iperf.exe" specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.
- 5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.
- 6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.
- 7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: $Dwell (0.3ms) = S (12000ms) / B (4000)$; where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: $C (ms) = N \times Dwell (0.3ms)$; where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.
- 8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details



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8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2406000993AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for KSCR2406000993AT

- End of the Report -