



Compliance Certification Services (Kunshan) Inc.

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

Report No.: KSCR240700121705

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TEST REPORT

Application No.: KSCR2407001217AT
FCC ID: RF41761B
IC: 5798A-1761B
Applicant: KEYENCE CORPORATION
Address of Applicant: 1-3-14, Higashinakajima, Higashiyodogawa-ku, Osaka, 533-8555 Japan
Manufacturer: KEYENCE CORPORATION
Address of Manufacturer: 1-3-14, Higashinakajima, Higashiyodogawa-ku, Osaka, 533-8555 Japan
Factory: KEYENCE CORPORATION
Address of Factory: 1-3-14, Higashinakajima, Higashiyodogawa-ku, Osaka, 533-8555 Japan
Equipment Under Test (EUT):
EUT Name: Handheld Terminal
Model No.: BT-A600
Trade Mark: KEYENCE
Standard(s) : 47 CFR Part 15, Subpart E 15.407
RSS-247 Issue 3, August 2023
RSS-Gen Issue 5 Amendment 2 (February 2021)
Date of Receipt: 2024-07-02
Date of Test: 2024-08-27 to 2024-09-12
Date of Issue: 2024-09-12

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	2024-09-12	/

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



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2 Test Summary

Radio Spectrum Technical Requirement				
Item	FCC Requirement	IC Requirement	Method	Result
Antenna Requirement	47 CFR Part 15, Subpart C 15.203	RSS-Gen Clause 6.8	N/A	Customer Declaration
Transmission in the Absence of Data	47 CFR Part 15, Subpart E 15.407 (c)	RSS-247 Section 6.4(a)	N/A	Pass

N/A: Not applicable

Radio Spectrum Matter Part				
Item	FCC Requirement	IC Requirement	Method	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(6)	RSS-Gen Section 8.8	ANSI C63.10 (2013) Section 6.2	Pass
99% Bandwidth	N/A	RSS-Gen Section 6.7	ANSI C63.10 Section 6.9.3	Pass
26dB Emission bandwidth	47 CFR Part 15, Subpart E 15.407 (a)	RSS-247 Section 6.2.1(1)	KDB 789033 D02 II C 1	Pass
Minimum 6 dB bandwidth (5.725-5.85 GHz band)	47 CFR Part 15, Subpart E 15.407 (e)	RSS-247 Section 6.2.4	KDB 789033 D02 II C 2	Pass
Maximum Conducted output power	47 CFR Part 15, Subpart E 15.407 (a)	RSS-247 Section 6.2.1&6.2.2&6.2.3&6.2.4	KDB 789033 D02 II E	Pass
Peak Power spectrum density	47 CFR Part 15, Subpart E 15.407 (a)	RSS-247 Section 6.2.1&6.2.2&6.2.3&6.2.4	KDB 789033 D02 II F	Pass
Radiated Emissions	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	RSS-247 Section 3.3 & RSS-Gen Section 8.9	KDB 789033 D02 II G	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)	RSS-247 Section 3.3 & RSS-Gen Section 8.9	KDB 789033 D02 II G	Pass
Frequency Stability	47 CFR Part 15, Subpart E 15.407 (g)	RSS-Gen Section 8.11	ANSI C63.10 (2013) Section 6.8& RSS-Gen Section 6.11	Pass
Channel Move Time	47 CFR Part 15, Subpart E 15.407	RSS-247	KDB 905462 D02 Section 7.8.3	Pass
Channel Closing Transmission Time	47 CFR Part 15, Subpart E 15.407	RSS-247	KDB 905462 D02 Section 7.8.3	Pass
Non-occupancy period	47 CFR Part 15, Subpart E 15.407	RSS-247	KDB 905462 D02 Section 7.8.3	Pass

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 3.6V by Rechargeable Battery Battery information: Model: DX-BC6 Rate Capacity: 6270mAh Rate Energy: 22.57Wh Normal Voltage: DC 3.6V
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-1+2A: 5250MHz (1 Channel); 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, 1024QAM)
Channel Spacing:	802.11a/n/ac/ax 20: 20MHz; 802.11n/ac/ax 40: 40MHz; 802.11ac/ax 80: 80MHz
DFS Function:	Slave without Radar detection
TPC Function:	Without TPC function
Antenna Type:	FPC Antenna
Antenna Gain:	5150MHz-5250MHz: Ant1: 2.62dBi; Ant5: 1.84dBi (Provided by the manufacturer) 5250MHz-5350MHz: Ant1: 1.72dBi; Ant5: 1.48dBi (Provided by the manufacturer) 5470MHz-5725MHz: Ant1: 1.47dBi; Ant5: 1.64dBi (Provided by the manufacturer) 5725MHz-5850MHz: Ant1: 0.88dBi; Ant5: 2.26dBi (Provided by the manufacturer)
Remark:	Two antennas can simultaneous transmission
Antenna Number:	2

4.2 Power level setting using in test

Channel	802.11a		802.11n(HT20)		802.11ac(VHT20)		802.11ax(HE20)					
	Ant 1	Ant 5	Ant 1	Ant 5	Ant 1	Ant 5	Ant 1	Ant 5				
36	15	16.5	13	13	12	12	10	10				
40	15	16.5	13	13	12	12	10	10				
48	15	16.5	13	13	12	12	10	10				
52	15.5	15	13	13	12	12	10	10				
60	15.5	15	13	13	12	12	10	10				
64	15.5	15	13	13	12	12	10	10				
100	15.5	16	13	13	12	12	10	10				
116	15.5	16	13	13	12	12	10	10				
140	15.5	16	13	13	12	12	10	10				
149	15	15.5	13	13	12	12	10	10				
157	15	15.5	13	13	12	12	10	10				
165	15	15.5	13	13	12	12	10	10				
Channel	802.11n(HT40)		802.11ac(VHT40)		802.11ax(HE40)							
	Ant 1	Ant 5	Ant 1	Ant 5	Ant 1	Ant 5						
38	11	11	11	11	9	9						
46	11	11	11	11	9	9						
54	11	11	11	11	9	9						
62	11	11	11	11	9	9						
102	11	11	11	11	9	9						
110	11	11	11	11	9	9						
134	11	11	11	11	9	9						
151	11	11	11	11	9	9						
159	11	11	11	11	9	9						
Channel	802.11ac(VHT80)		802.11ax(HE80)									
	Ant 1	Ant 5	Ant 1	Ant 5								
42	9	9	9	9								
58	9	9	9	9								
106	9	9	9	9								
122	9	9	9	9								
155	9	9	9	9								
Channel	802.11ac(VHT160)		802.11ax(HE160)									
	Ant 1	Ant 5	Ant 1	Ant 5								
50	9	9	9	9								
114	9	9	9	9								

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4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
--	--	--	--
The EUT has been tested as an independent unit.			

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.		



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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	ESE	E3_V 6.111221a	/	N.C.R	N.C.R
RF Conducted Test						
1	Spectrum Analyzer	Keysight	N9020A	KUS1911E004-2	08/01/2024	07/31/2025
2	Spectrum Analyzer	Keysight	N9020A	KUS2001M001-2	08/01/2024	07/31/2025
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	08/02/2024	08/01/2025
6	Signal Generator	Agilent	N5182A	KUS2001M001-1	08/01/2024	07/31/2025
7	Signal Generator	Agilent	E8257C	KS301066	08/06/2024	08/05/2025
8	Radio Communication Test Station	Anritsu	MT8000A	KSEM001-1	08/01/2024	07/31/2025
9	Radio Communication Analyzer	Anritsu	MT8821C	KSEM002-1	03/19/2024	03/18/2025
10	Universal Radio Communication Tester	R&S	CMW500	KUS1911E004-1	08/12/2024	08/11/2025
11	Switcher	TST	FY562	KUS2001M001-4	01/15/2024	01/14/2025
12	Conducted Test Cable	Thermax	RF01-RF04	CZ301111-CZ301120	01/15/2024	01/14/2025
13	Temp. / Humidity Chamber	TERCHY	MHK-120AK	KS301190	08/26/2024	08/25/2025
14	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-5	03/19/2024	03/18/2025
15	Software	BST	TST-PASS	/	NCR	NCR
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/06/2024	08/05/2025
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	03/19/2024	03/18/2025
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	03/23/2024	08/22/2026
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	08/12/2024	08/11/2025
12	RE Test Cable	REBES MICROWAVE	/	CZ301097	08/12/2024	08/11/2025
13	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	03/21/2024	03/20/2025
14	Software	Faratronic	EZ_EMC-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 integrated on the main PCB and no consideration of replacement. The best case gain of the 5150MHz-5250MHz: Antenna 1: 2.62dBi; Antenna 5: 1.84dBi; 5250MHz-5350MHz: Antenna 1: 1.72dBi; Antenna 5: 1.48dBi; 5470MHz-5725MHz: Antenna 1: 1.47dBi; Antenna 5: 1.64dBi; 5725MHz-5850MHz: Antenna 1: 0.88dBi; Antenna 5: 2.26dBi.

Antenna location: Refer to internal photo.



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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: 25.3 °C

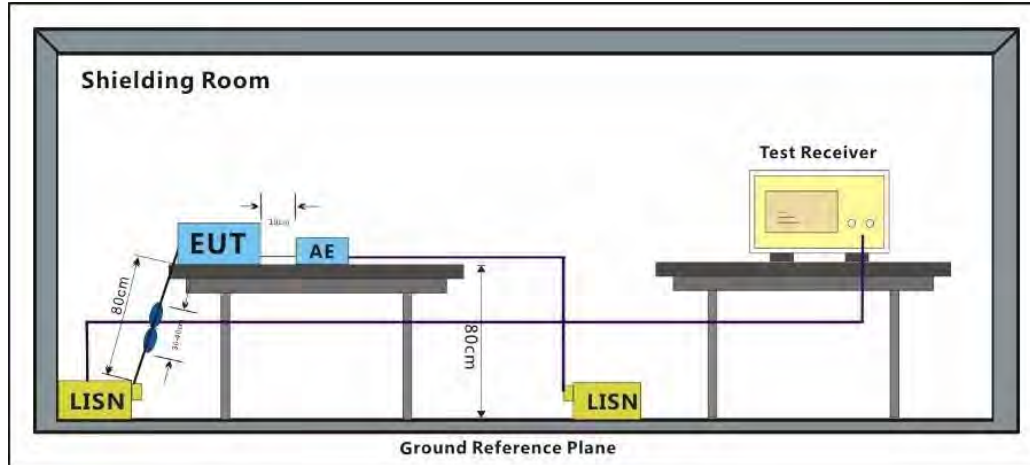
Humidity: 52.6 % RH

Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 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

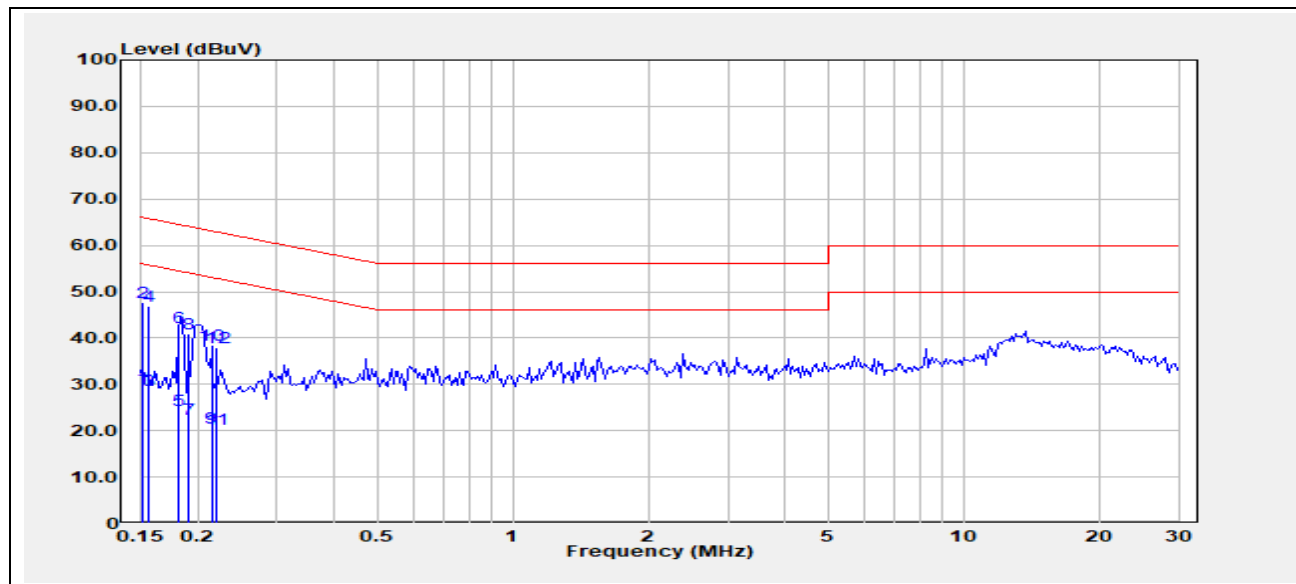
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Test Mode: 08; Line: Live line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1507	8.94	20.25	29.19	55.96	-26.77	Average
2	0.1507	27.34	20.25	47.59	65.96	-18.37	QP
3	0.1562	8.63	20.23	28.86	55.66	-26.80	Average
4	0.1562	26.68	20.23	46.91	65.66	-18.75	QP
5	0.1813	4.19	20.12	24.31	54.43	-30.12	Average
6	0.1813	22.27	20.12	42.39	64.43	-22.04	QP
7	0.1911	2.41	20.09	22.50	53.99	-31.49	Average
8	0.1911	20.87	20.09	40.96	63.99	-23.03	QP
9	0.2146	0.44	20.06	20.50	53.03	-32.53	Average
10	0.2146	18.40	20.06	38.46	63.03	-24.57	QP
11	0.2201	0.36	20.06	20.42	52.81	-32.39	Average
12	0.2201	17.75	20.06	37.81	62.81	-25.00	QP

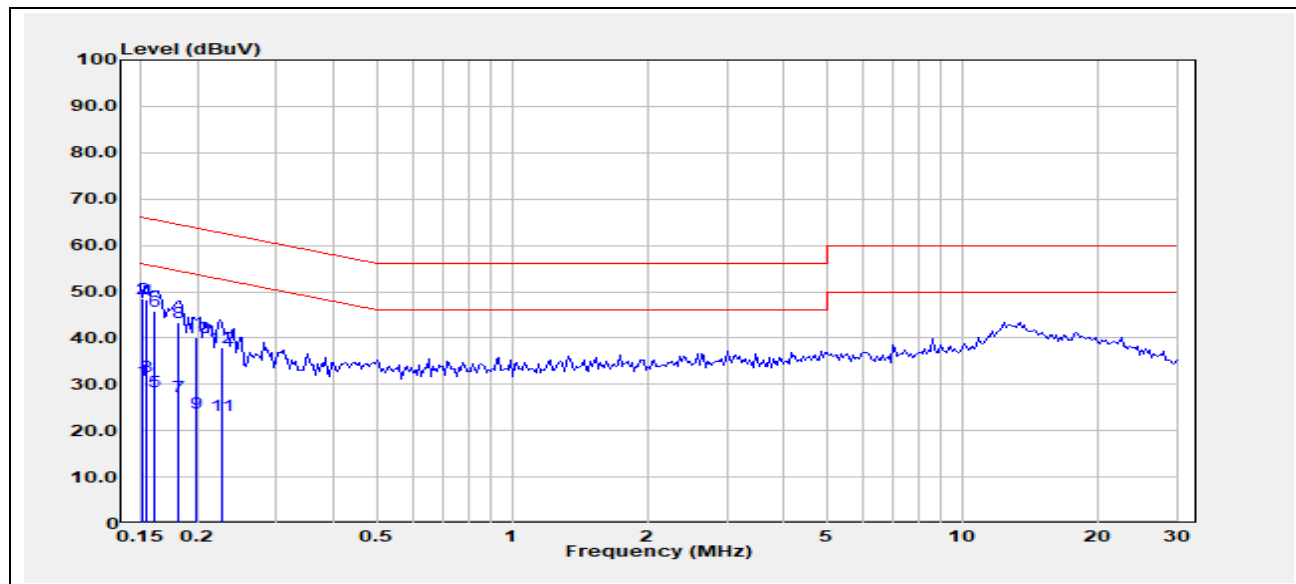
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Test Mode: 08; Line: Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.1502	10.84	20.18	31.02	55.99	-24.97	Average
2	0.1502	28.26	20.18	48.44	65.99	-17.55	QP
3	0.1542	11.52	20.18	31.70	55.77	-24.07	Average
4	0.1542	27.94	20.18	48.12	65.77	-17.65	QP
5	0.1610	8.34	20.17	28.51	55.41	-26.90	Average
6	0.1610	25.76	20.17	45.93	65.41	-19.48	QP
7	0.1819	7.15	20.14	27.29	54.40	-27.11	Average
8	0.1819	23.14	20.14	43.28	64.40	-21.12	QP
9	0.1983	3.80	20.12	23.92	53.68	-29.76	Average
10	0.1983	20.03	20.12	40.15	63.68	-23.53	QP
11	0.2257	3.31	20.10	23.41	52.61	-29.20	Average
12	0.2257	17.93	20.10	38.03	62.61	-24.58	QP

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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:	* Where B is the 26dB emission bandwidth in MHz. The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

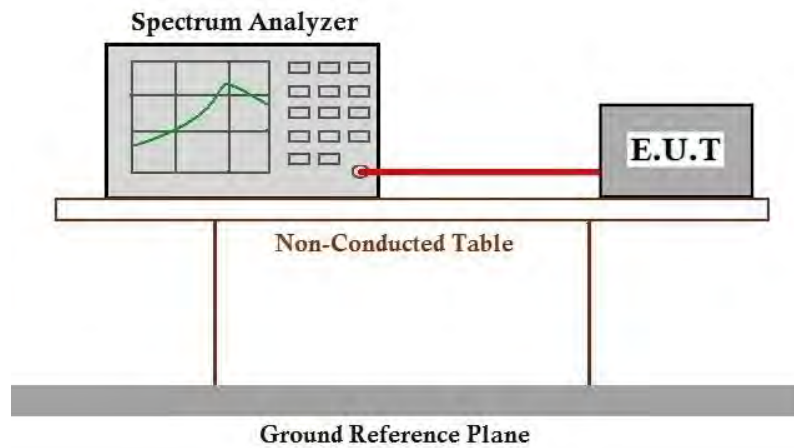
Humidity: 52.6 % RH

Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 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

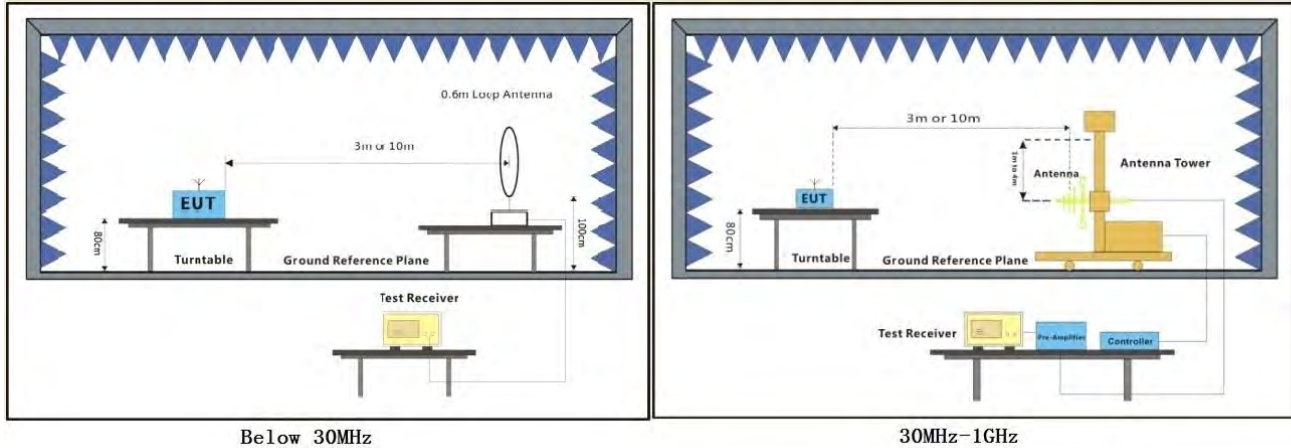
Humidity: 52.7 % RH

Atmospheric Pressure: 1010 mbar

7.3.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 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.

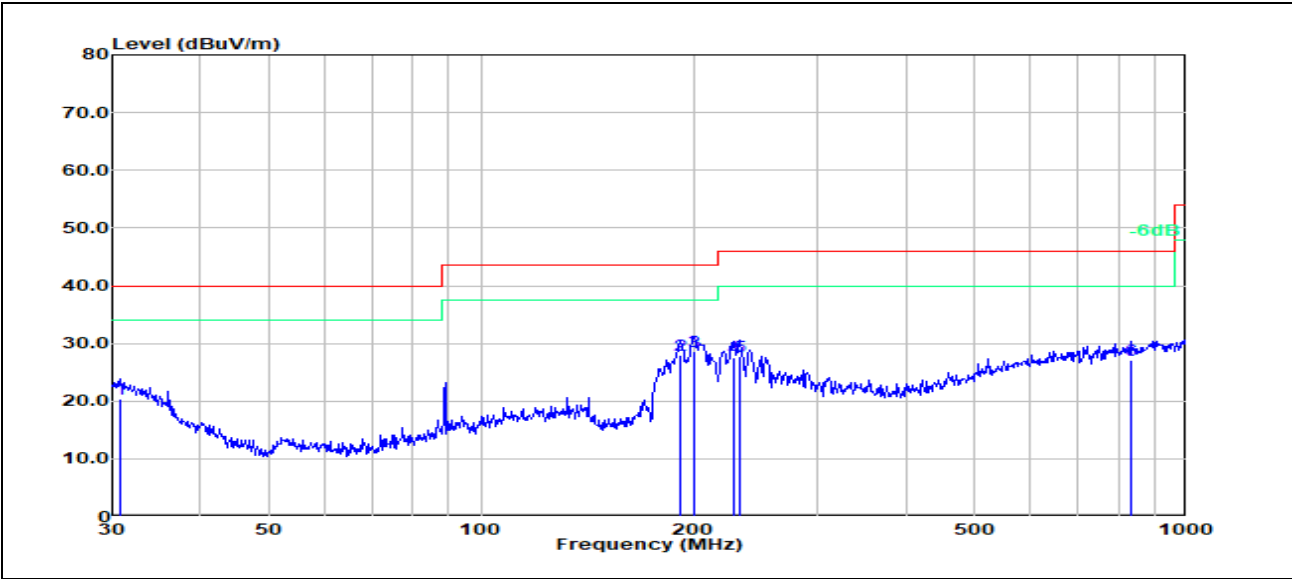
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Test Mode: 08; Polarity: Horizontal



No.	Frequency (MHz)	Reading (dBUV)	Correct Factor(dB/m)	Result (dBUV/m)	Limit (dBUV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.7455	1.58	18.83	20.41	40.00	-19.59	100	68	QP
2	191.7450	16.10	11.88	27.98	43.50	-15.52	100	48	QP
3	200.6881	17.17	11.46	28.63	43.50	-14.87	100	42	QP
4	227.6906	14.62	12.89	27.51	46.00	-18.49	100	36	QP
5	232.5318	14.67	13.17	27.84	46.00	-18.16	200	55	QP
6	833.3171	2.37	24.74	27.11	46.00	-18.89	100	94	QP

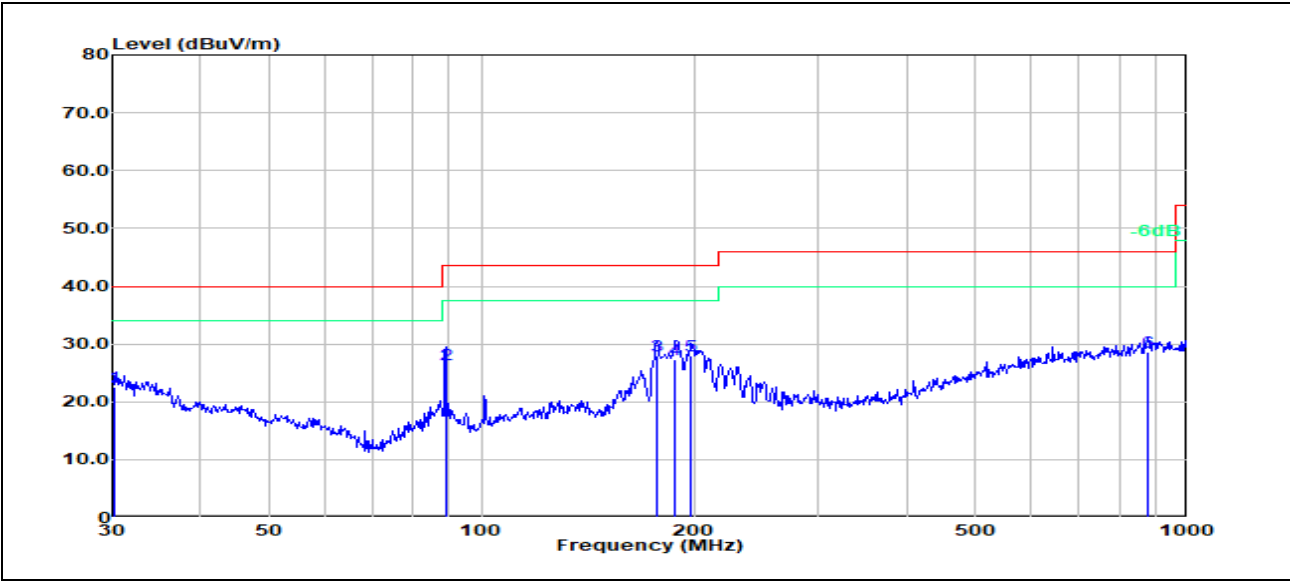
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Test Mode: 08; Polarity: Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.2110	3.38	19.25	22.63	40.00	-17.37	100	29	QP
2	88.9640	14.88	11.59	26.47	43.50	-17.03	100	234	QP
3	176.8880	15.46	12.50	27.96	43.50	-15.54	200	196	QP
4	188.4130	15.28	12.13	27.41	43.50	-16.09	100	176	QP
5	197.8930	16.34	11.62	27.96	43.50	-15.54	100	4	QP
6	878.3215	3.19	25.48	28.67	46.00	-17.33	100	360	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
*(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.		

7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.5 °C

Humidity: 46.9 % RH

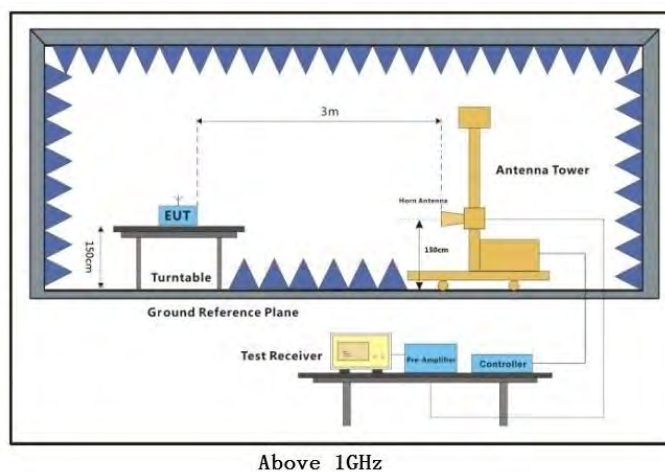
Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 20/40/80, Only the data of worst case is recorded in the report.

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. Level= Read Level+ Cable Loss+ Antenna Factor- 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.

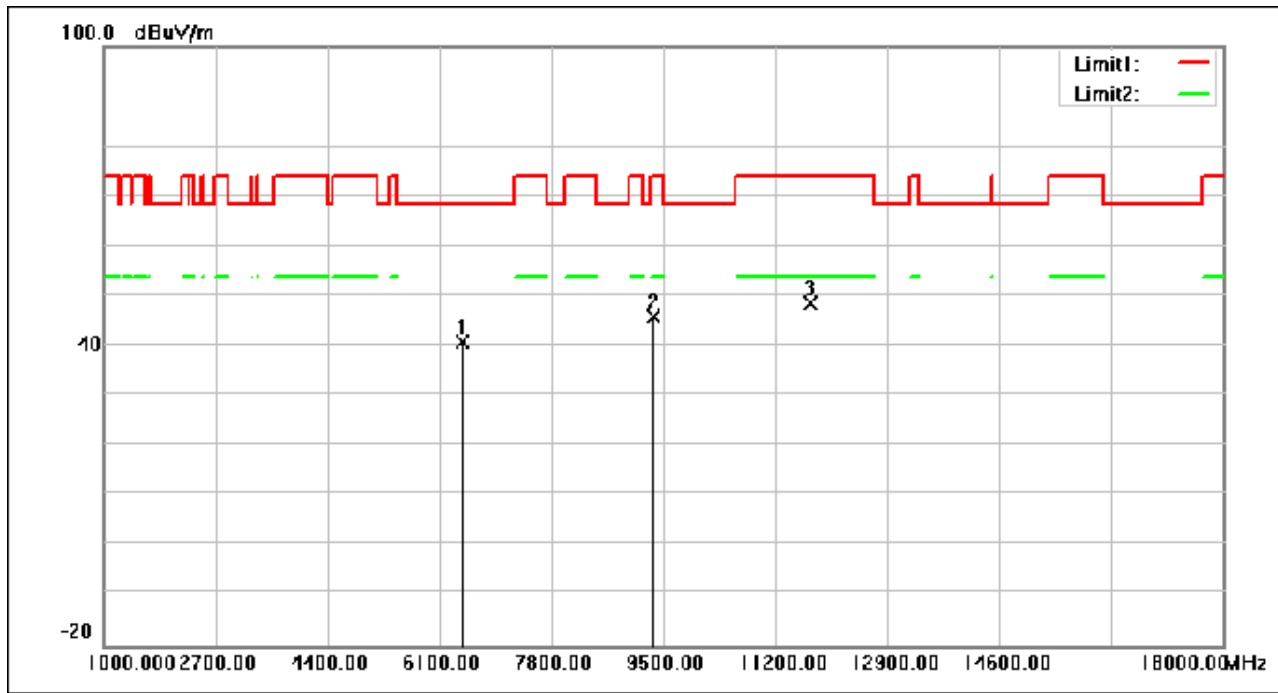
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6465.160	54.28	-13.41	40.87	68.30	-27.43	peak
2	9358.560	54.22	-8.23	45.99	74.00	-28.01	peak
3	11732.440	54.67	-6.17	48.50	74.00	-25.50	peak

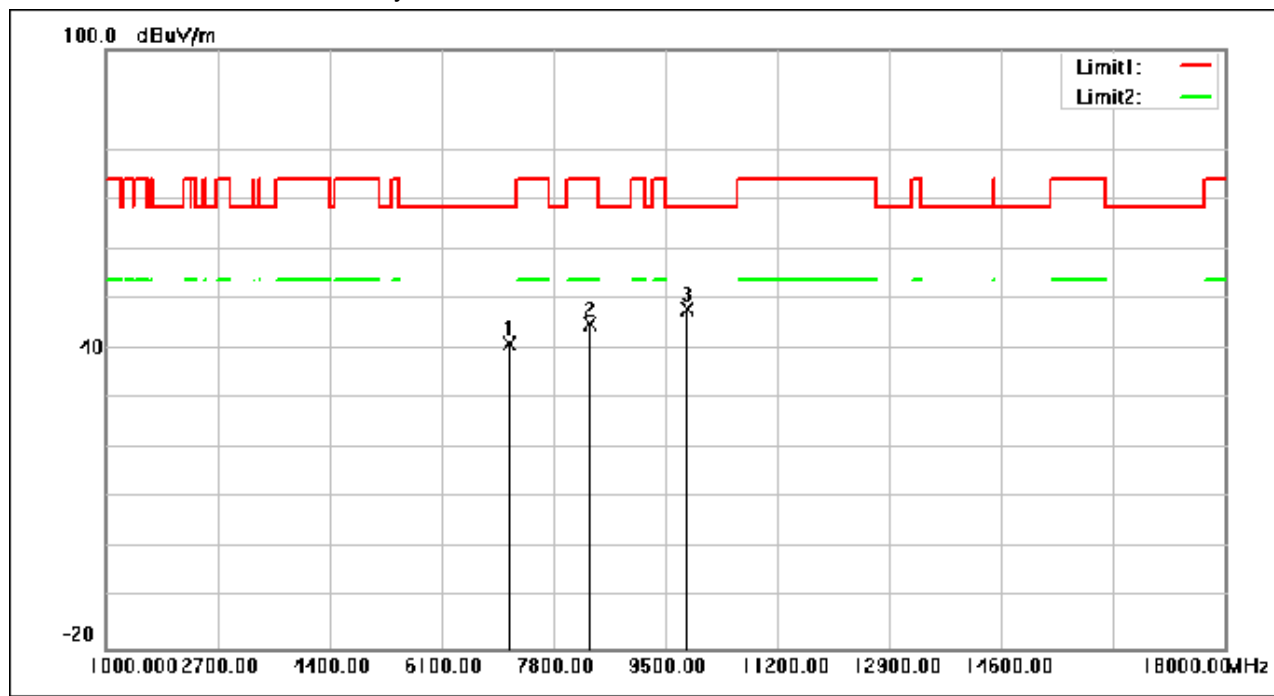
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Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7145.840	52.69	-11.50	41.19	68.30	-27.11	peak
2	8350.120	54.95	-10.00	44.95	74.00	-29.05	peak
3	9839.320	55.36	-7.31	48.05	68.30	-20.25	peak

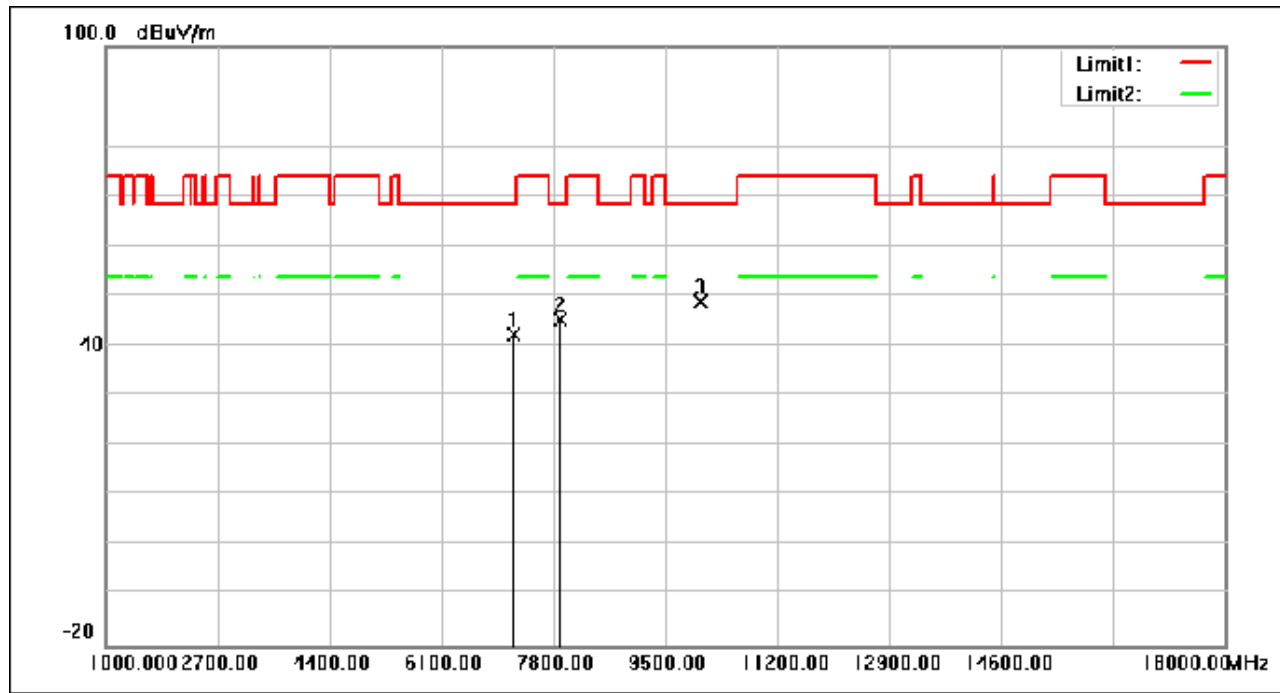
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7216.560	53.67	-11.47	42.20	68.30	-26.10	peak
2	7915.600	55.91	-10.71	45.20	68.30	-23.10	peak
3	10035.840	56.19	-7.30	48.89	68.30	-19.41	peak

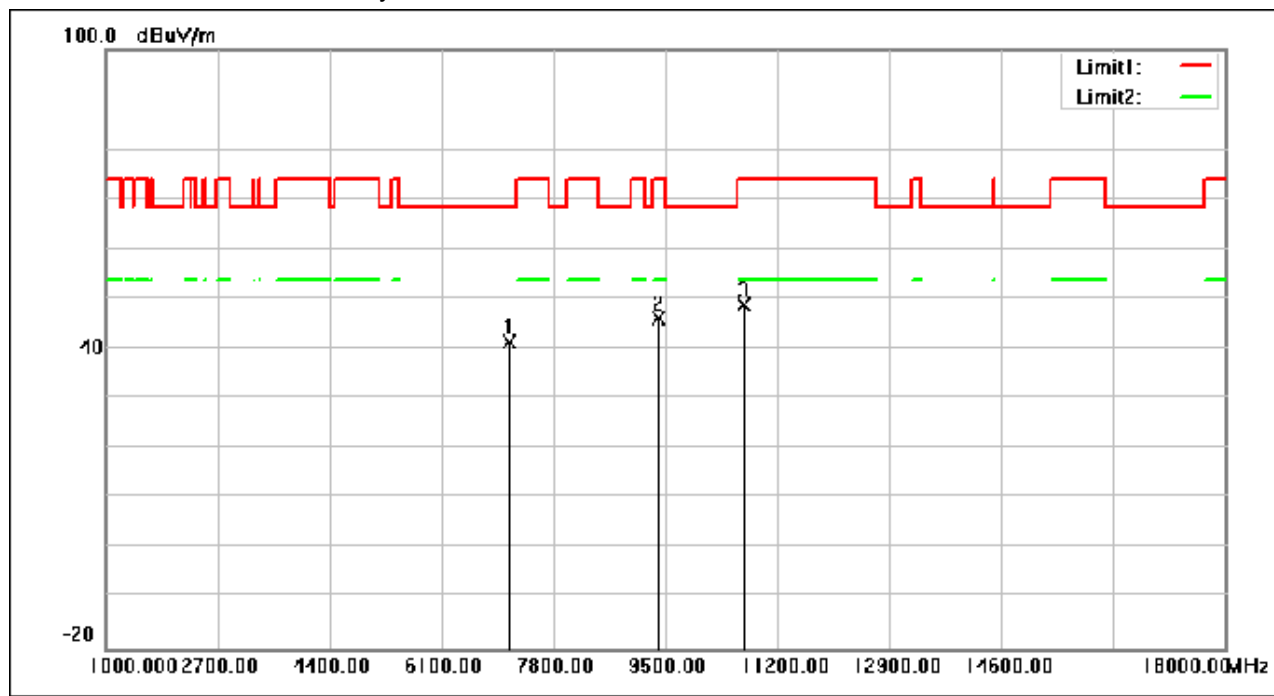
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Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7146.520	52.73	-11.50	41.23	68.30	-27.07	peak
2	9402.760	54.41	-8.14	46.27	74.00	-27.73	peak
3	10705.640	55.73	-6.92	48.81	74.00	-25.19	peak

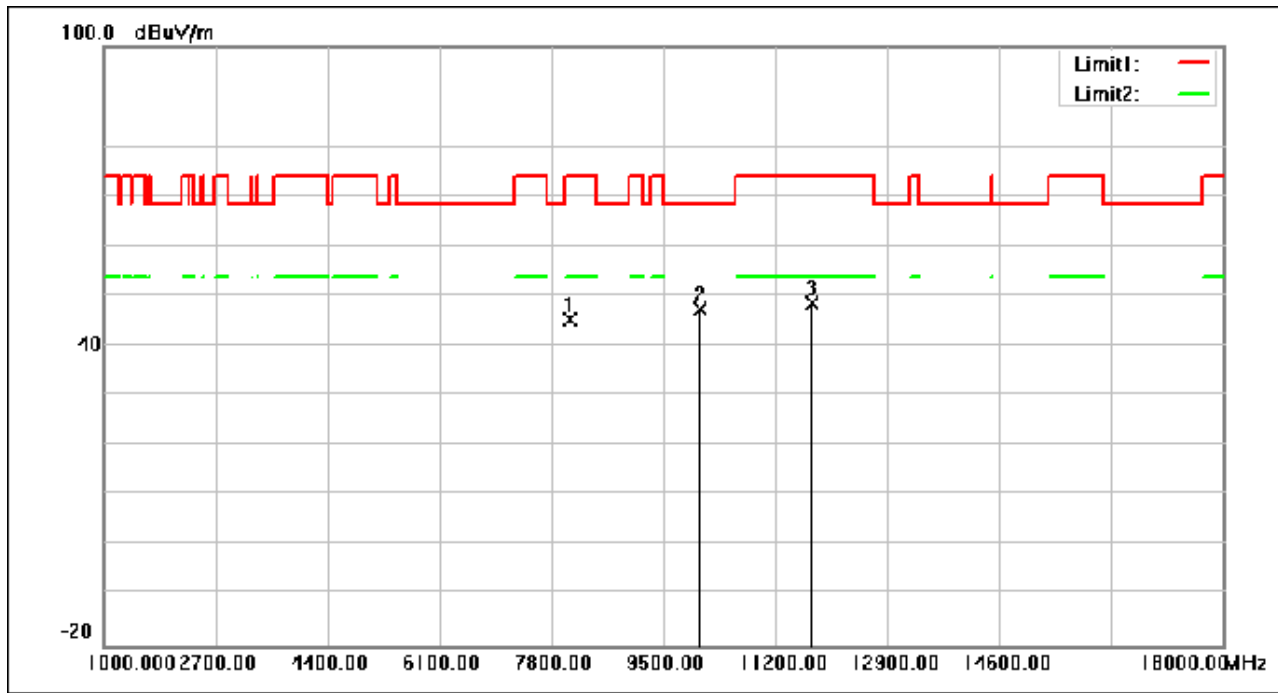
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8084.920	55.60	-10.44	45.16	74.00	-28.84	peak
2	10066.440	54.57	-7.29	47.28	68.30	-21.02	peak
3	11771.200	54.73	-6.14	48.59	74.00	-25.41	peak

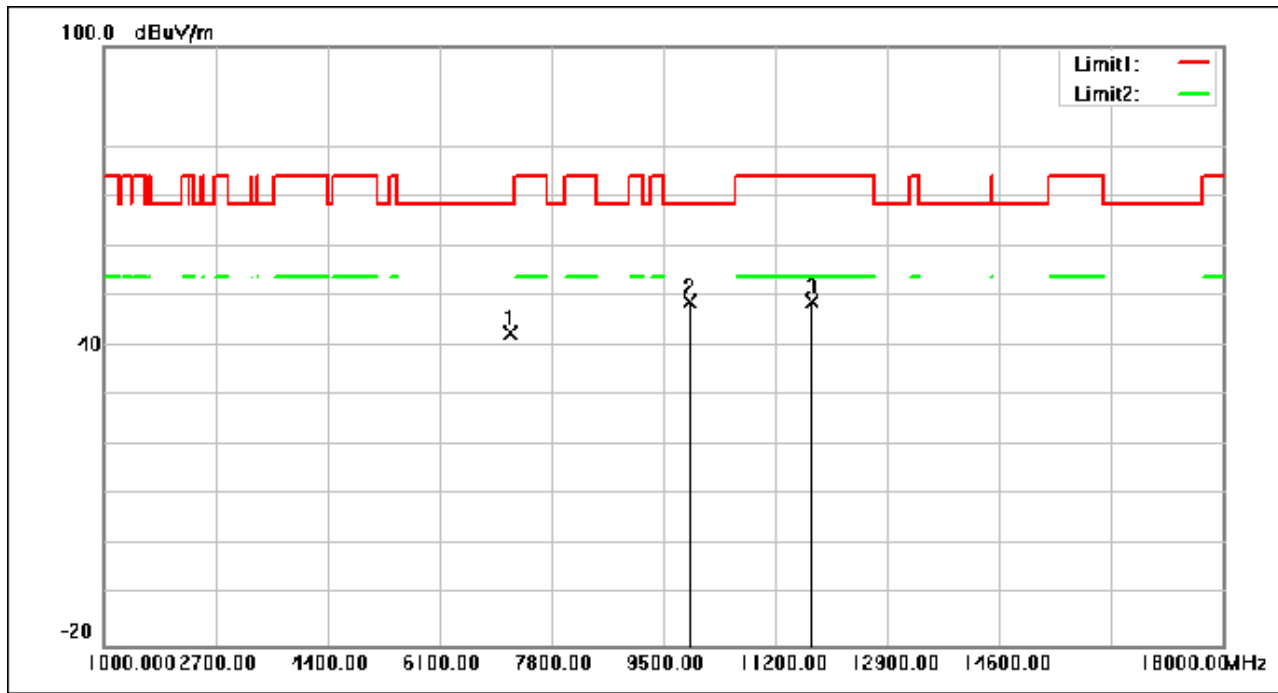
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Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7187.320	53.96	-11.49	42.47	68.30	-25.83	peak
2	9894.400	56.19	-7.31	48.88	68.30	-19.42	peak
3	11769.840	54.92	-6.14	48.78	74.00	-25.22	peak

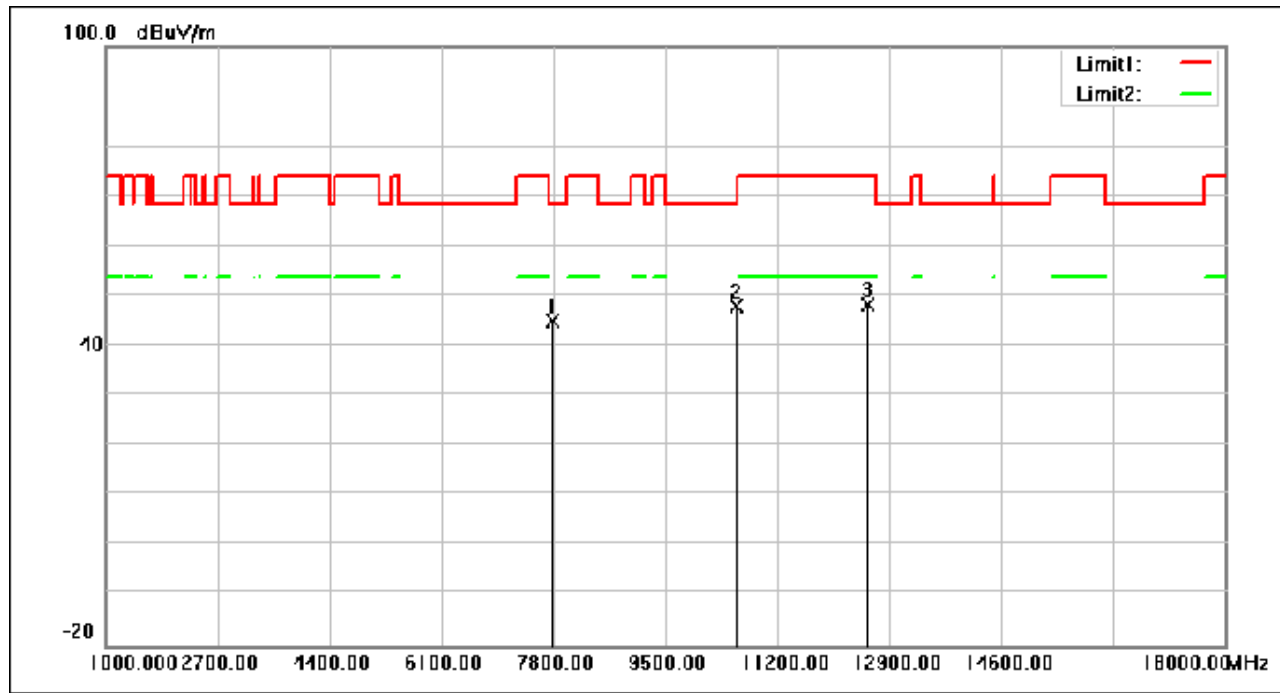
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7787.760	55.91	-10.88	45.03	68.30	-23.27	peak
2	10587.320	54.88	-6.99	47.89	68.30	-20.41	peak
3	12562.720	54.35	-6.14	48.21	74.00	-25.79	peak

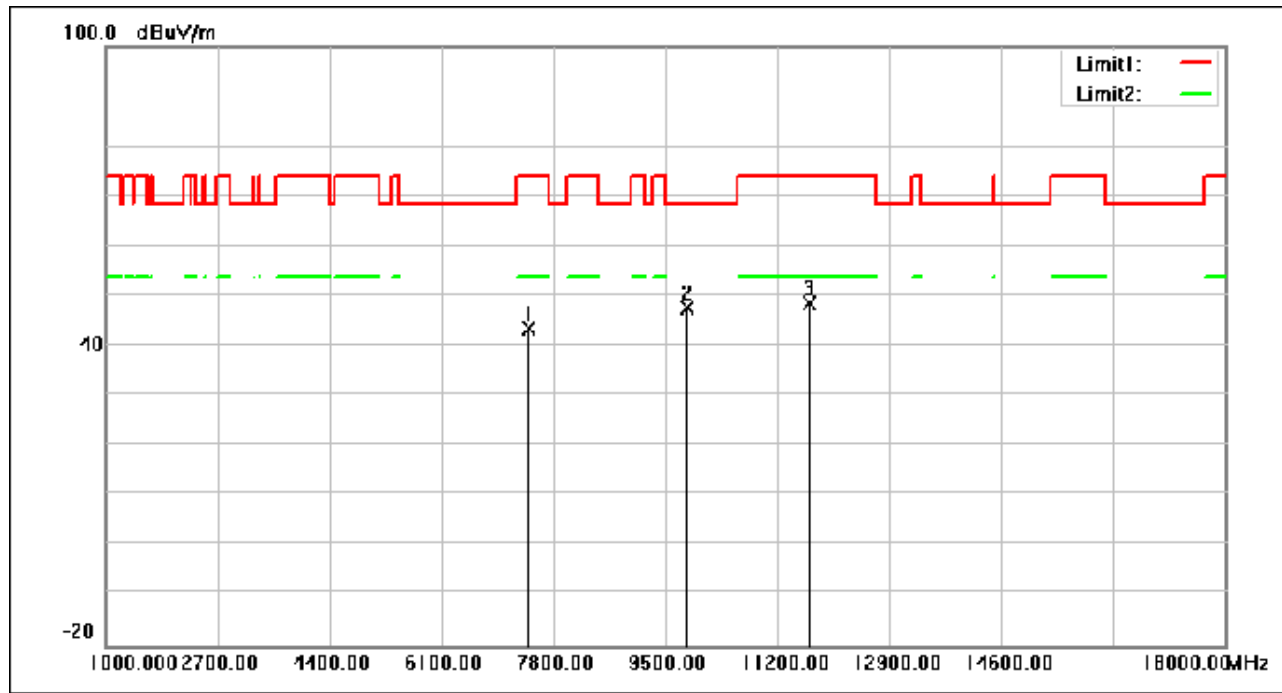
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7430.080	54.80	-11.35	43.45	74.00	-30.55	peak
2	9834.560	54.97	-7.32	47.65	68.30	-20.65	peak
3	11681.440	54.74	-6.21	48.53	74.00	-25.47	peak

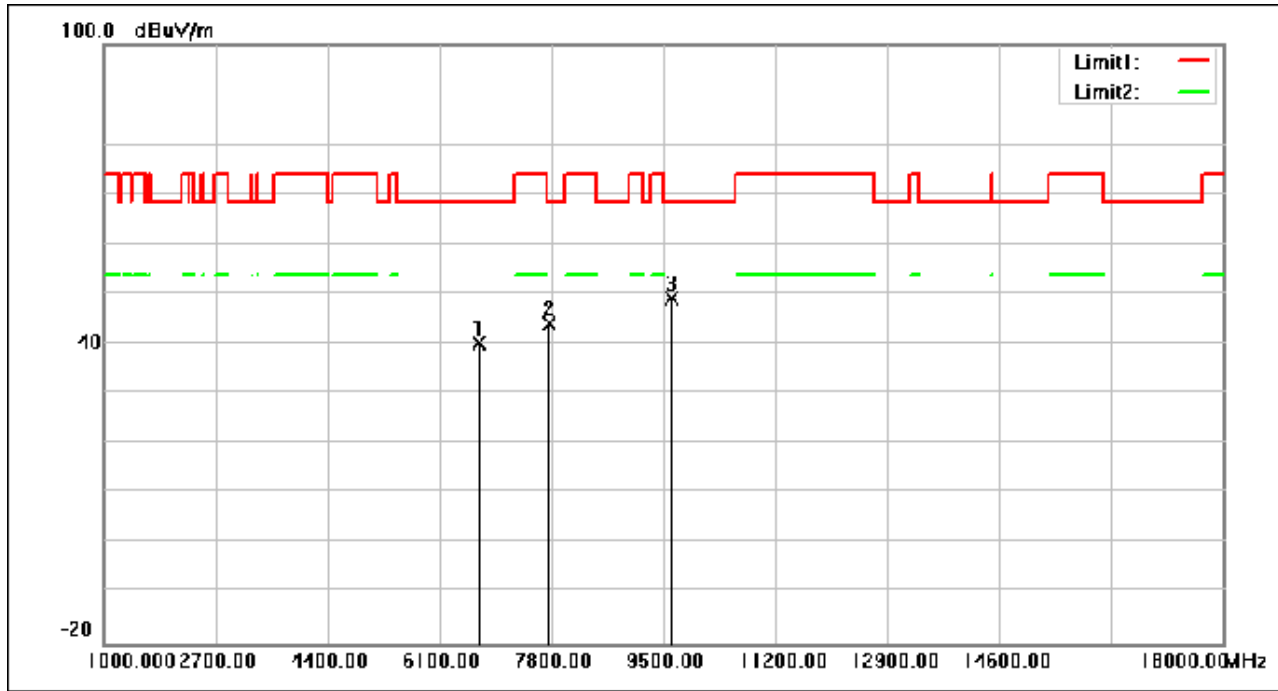
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6699.080	52.34	-12.18	40.16	68.30	-28.14	peak
2	7770.760	55.00	-10.90	44.10	68.30	-24.20	peak
3	9632.600	56.87	-7.70	49.17	68.30	-19.13	peak

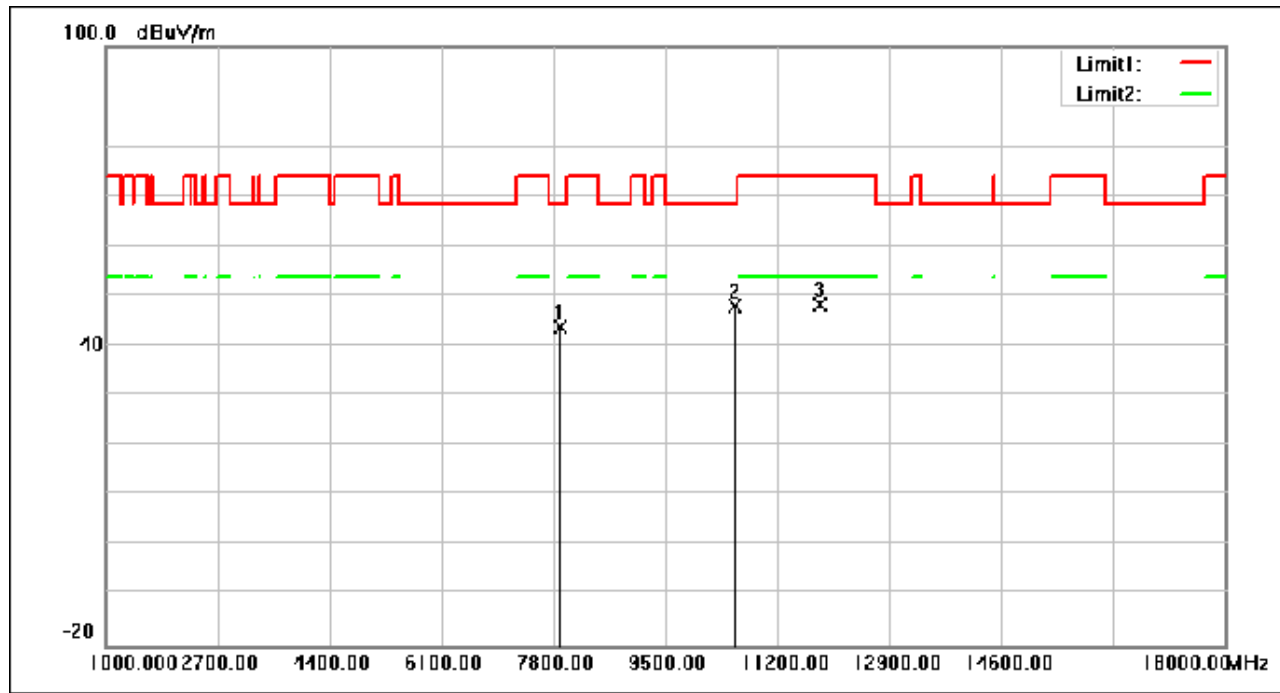
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7902.680	54.34	-10.73	43.61	68.30	-24.69	peak
2	10556.720	54.87	-7.01	47.86	68.30	-20.44	peak
3	11848.040	54.26	-6.08	48.18	74.00	-25.82	peak

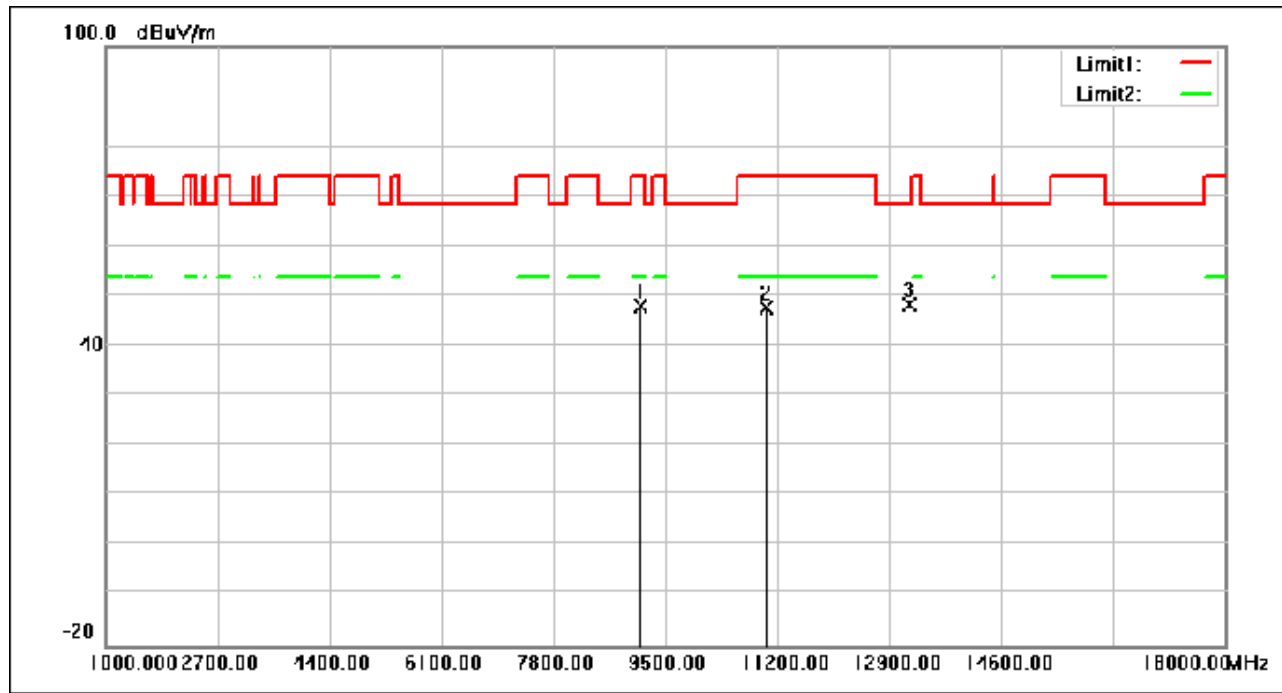
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9129.400	56.55	-8.65	47.90	74.00	-26.10	peak
2	11042.920	54.25	-6.73	47.52	74.00	-26.48	peak
3	13217.560	54.55	-6.29	48.26	68.30	-20.04	peak

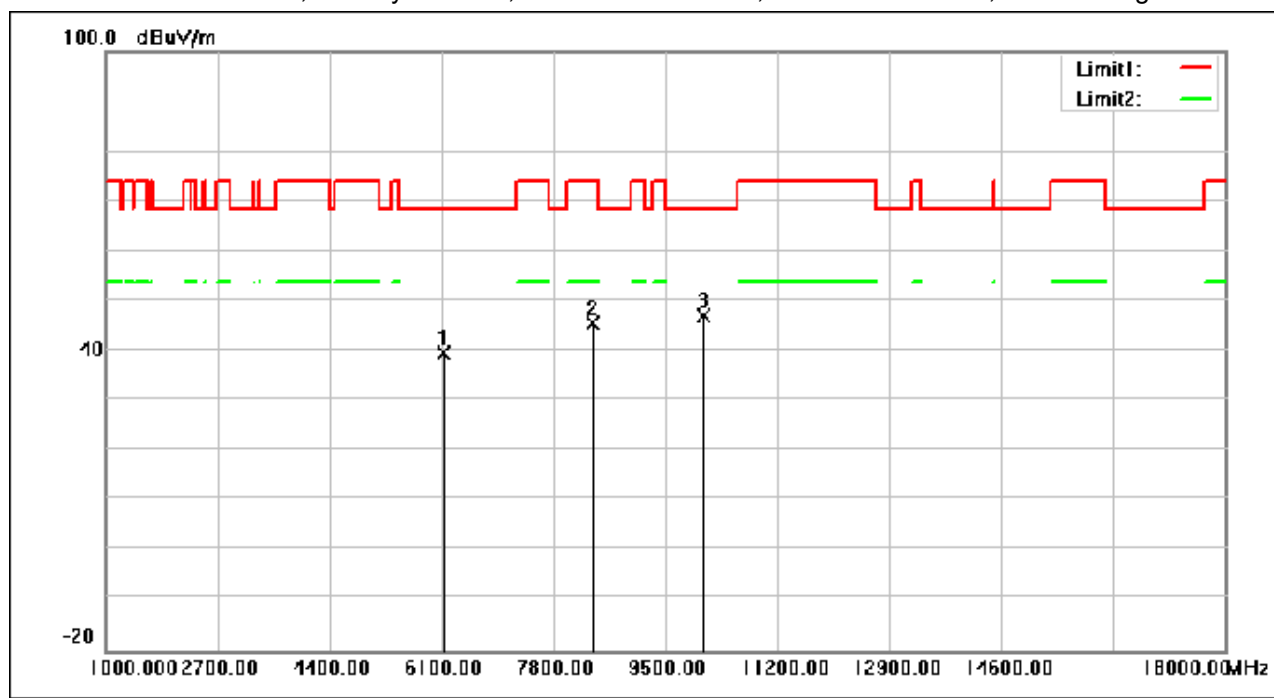
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6147.600	54.58	-15.07	39.51	68.30	-28.79	peak
2	8401.800	55.46	-9.92	45.54	74.00	-28.46	peak
3	10078.000	54.40	-7.29	47.11	68.30	-21.19	peak

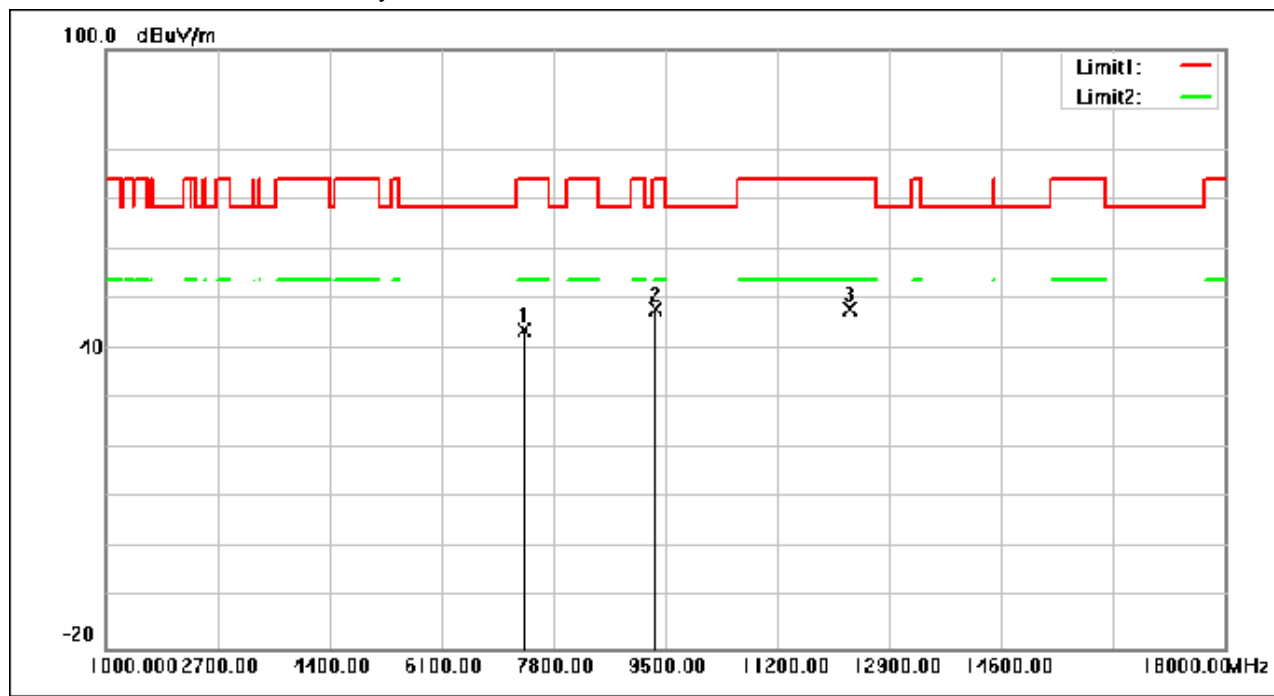
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7365.480	55.20	-11.40	43.80	74.00	-30.20	peak
2	9362.640	56.05	-8.22	47.83	74.00	-26.17	peak
3	12302.960	54.02	-6.02	48.00	74.00	-26.00	peak

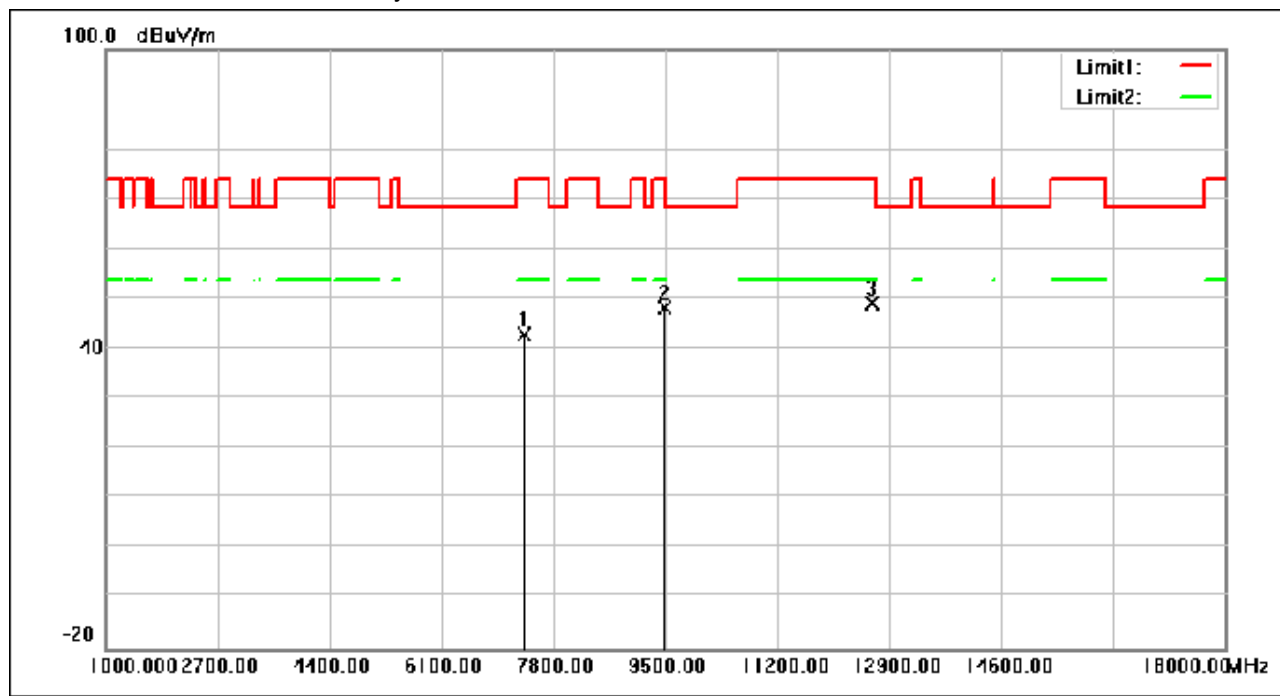
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7360.720	54.18	-11.41	42.77	74.00	-31.23	peak
2	9484.360	56.20	-7.99	48.21	74.00	-25.79	peak
3	12640.920	55.48	-6.18	49.30	74.00	-24.70	peak

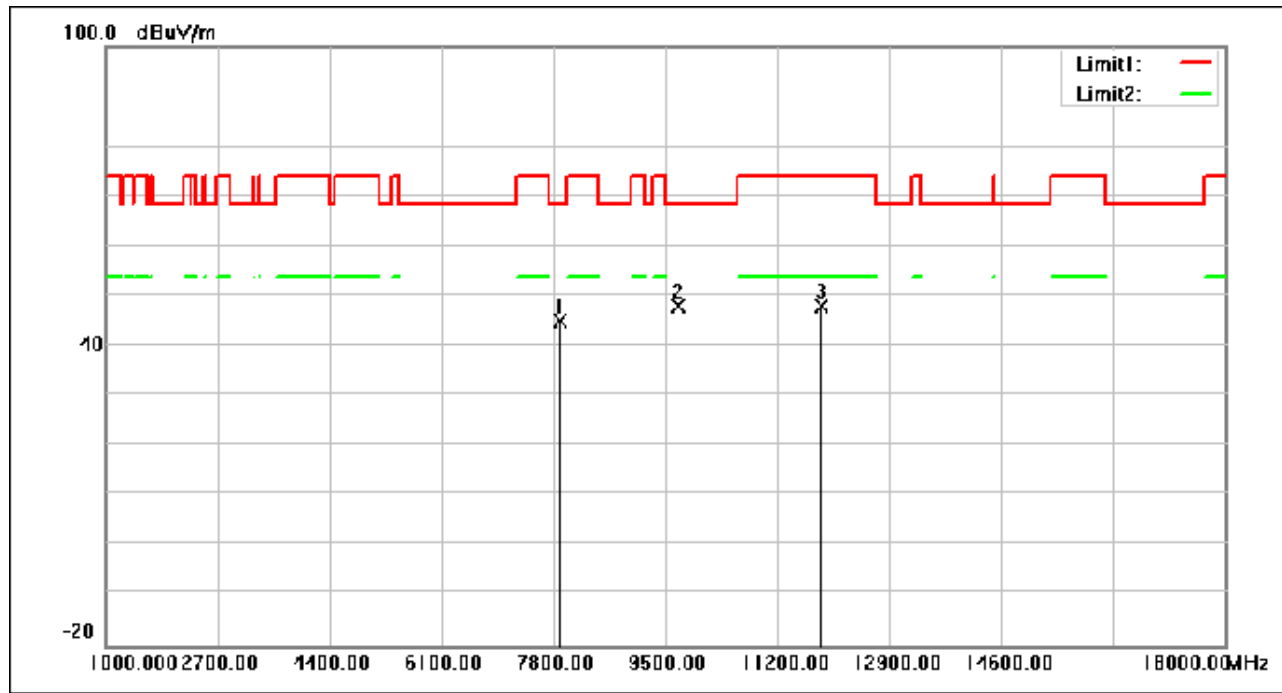
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 40MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7908.800	55.63	-10.72	44.91	68.30	-23.39	peak
2	9698.560	55.55	-7.58	47.97	68.30	-20.33	peak
3	11872.520	54.12	-6.06	48.06	74.00	-25.94	peak

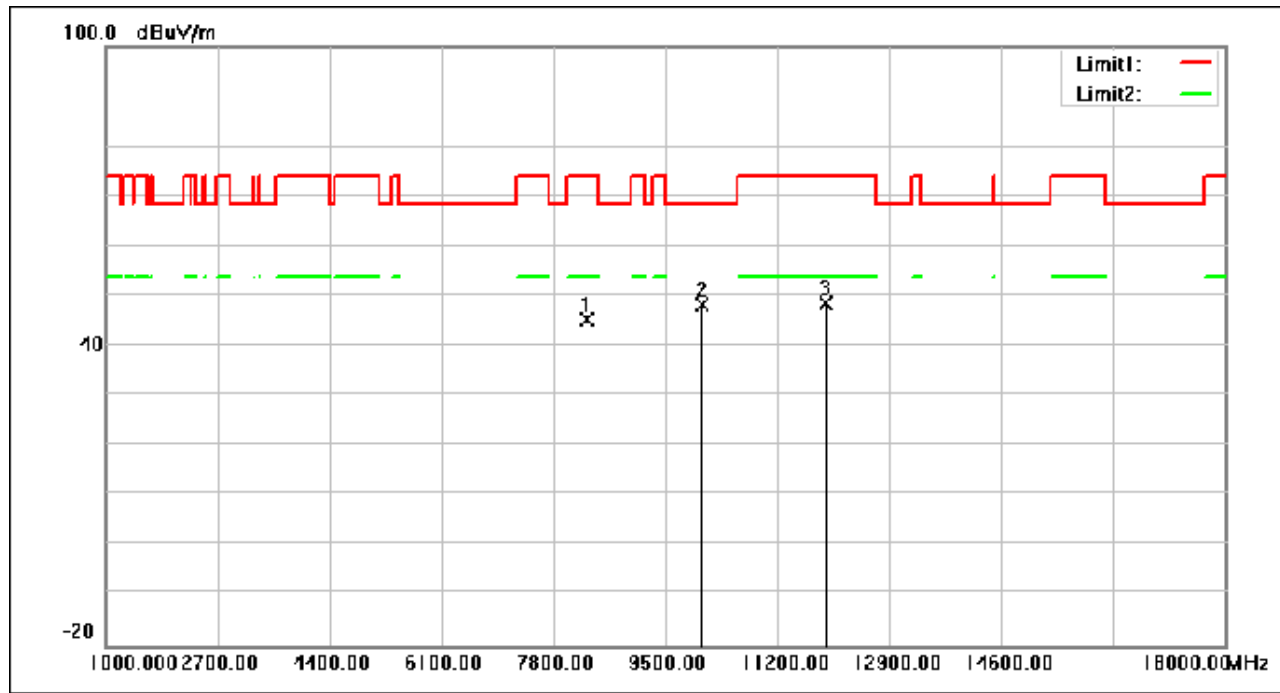
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8325.640	55.20	-10.04	45.16	74.00	-28.84	peak
2	10049.440	55.49	-7.30	48.19	68.30	-20.11	peak
3	11939.840	54.53	-5.99	48.54	74.00	-25.46	peak

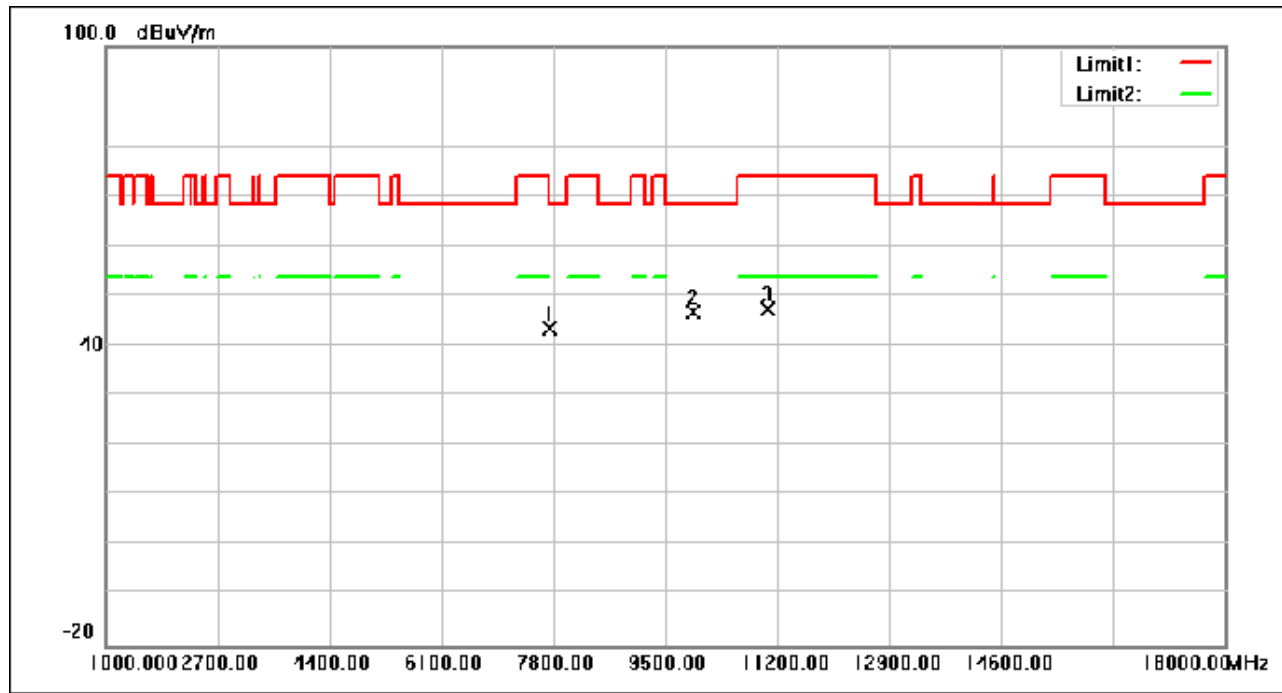
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7735.400	54.43	-10.95	43.48	74.00	-30.52	peak
2	9939.280	54.19	-7.31	46.88	68.30	-21.42	peak
3	11047.000	54.09	-6.72	47.37	74.00	-26.63	peak

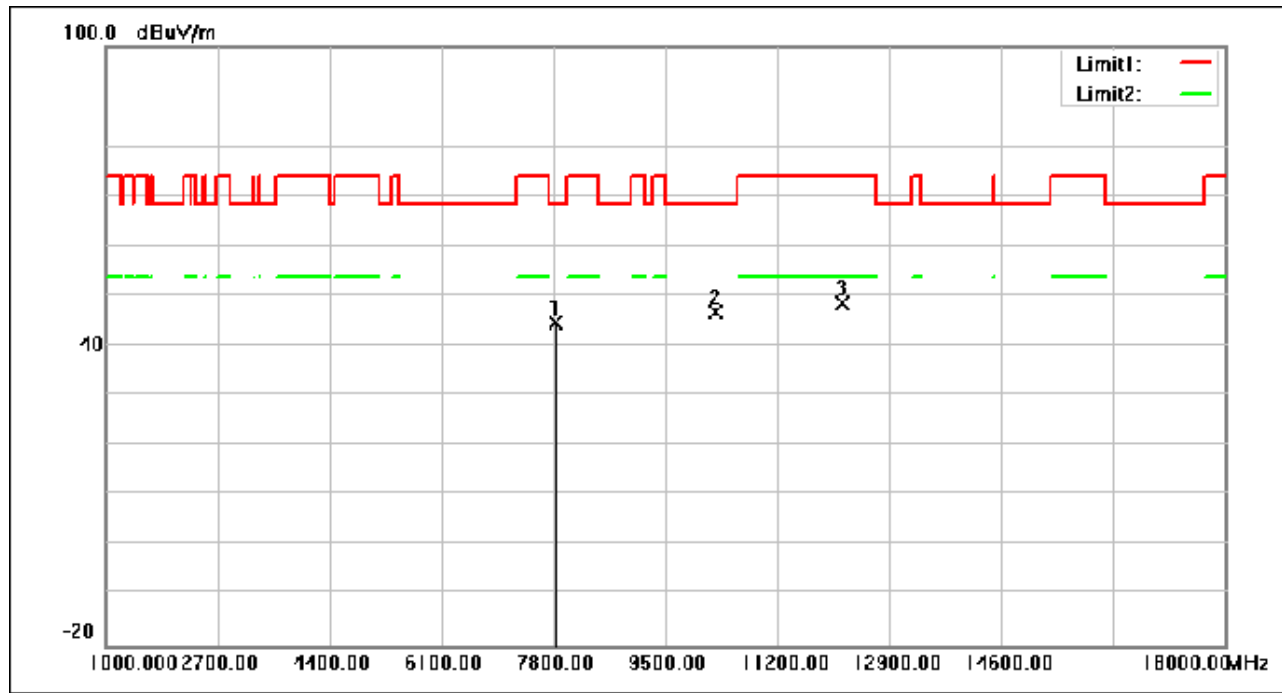
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7836.040	55.49	-10.82	44.67	68.30	-23.63	peak
2	10262.960	53.81	-7.18	46.63	68.30	-21.67	peak
3	12189.400	54.51	-5.97	48.54	74.00	-25.46	peak

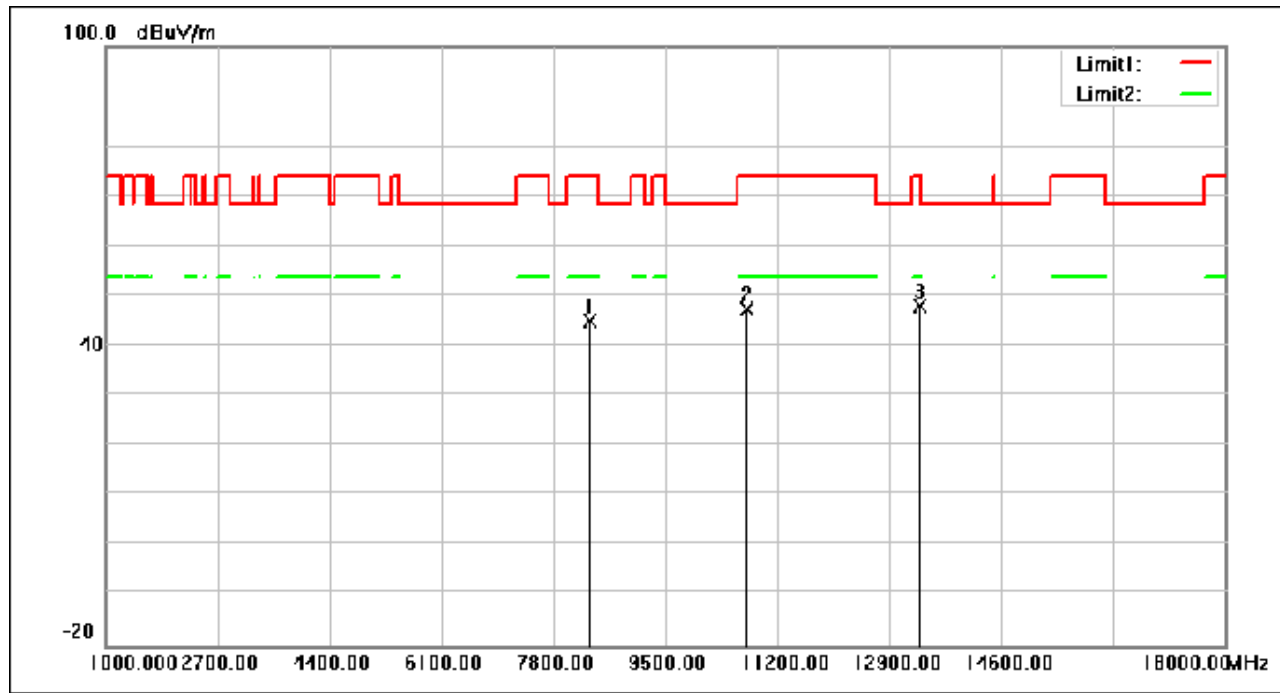
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8350.800	54.86	-10.00	44.86	74.00	-29.14	peak
2	10730.120	54.33	-6.91	47.42	74.00	-26.58	peak
3	13371.240	54.40	-6.32	48.08	74.00	-25.92	peak

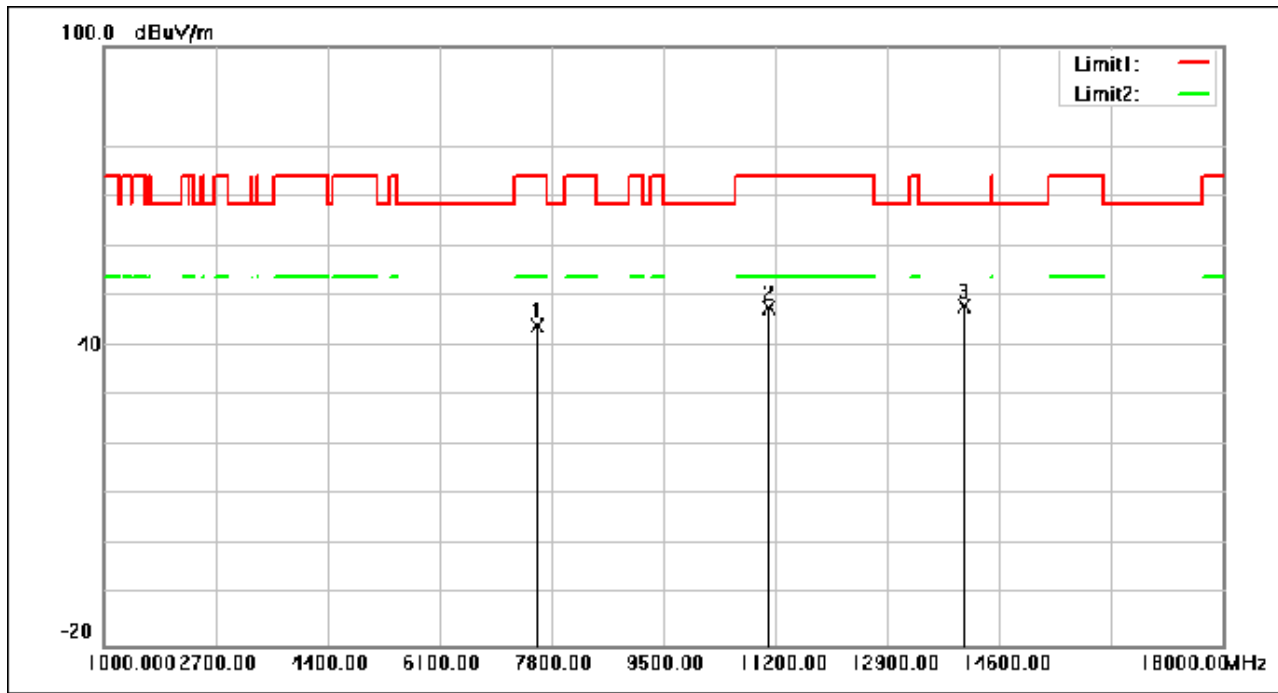
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7581.720	55.22	-11.15	44.07	74.00	-29.93	peak
2	11108.200	54.39	-6.67	47.72	74.00	-26.28	peak
3	14070.280	54.41	-6.37	48.04	68.30	-20.26	peak

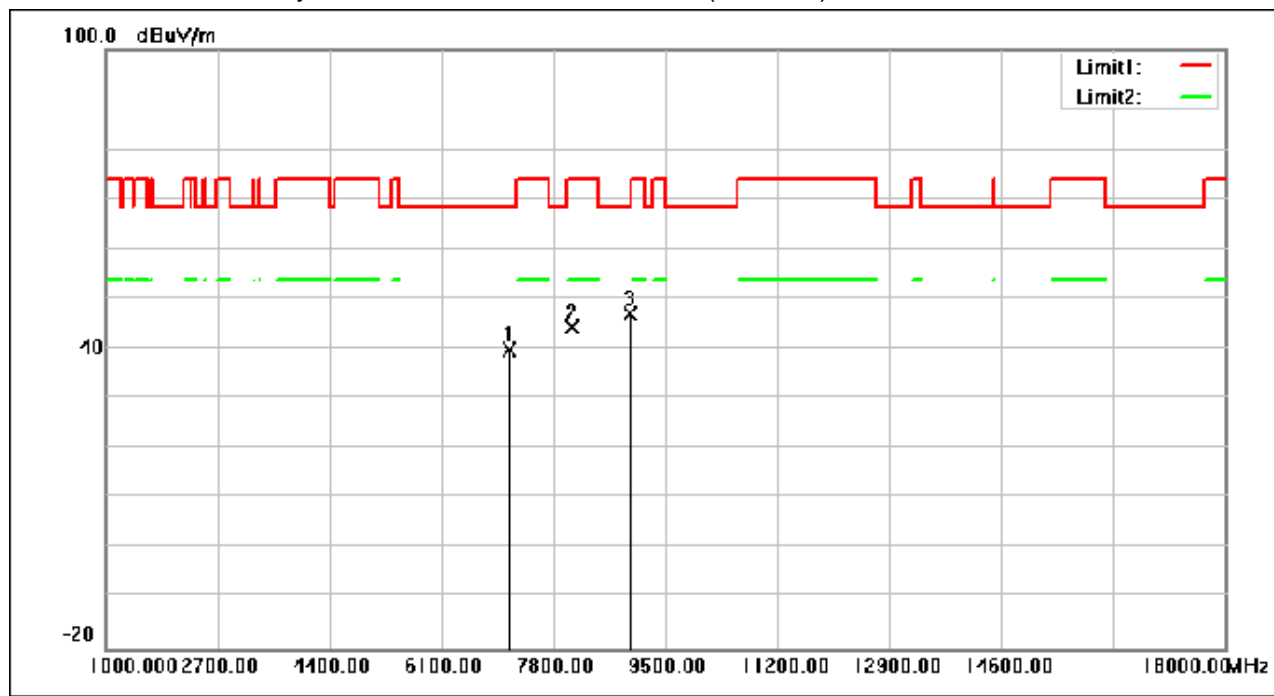
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	7121.640	51.51	-11.51	40.00	68.30	-28.30	QP
2	8084.240	54.93	-10.44	44.49	74.00	-29.51	peak
3	8961.440	55.93	-8.99	46.94	68.30	-21.36	peak

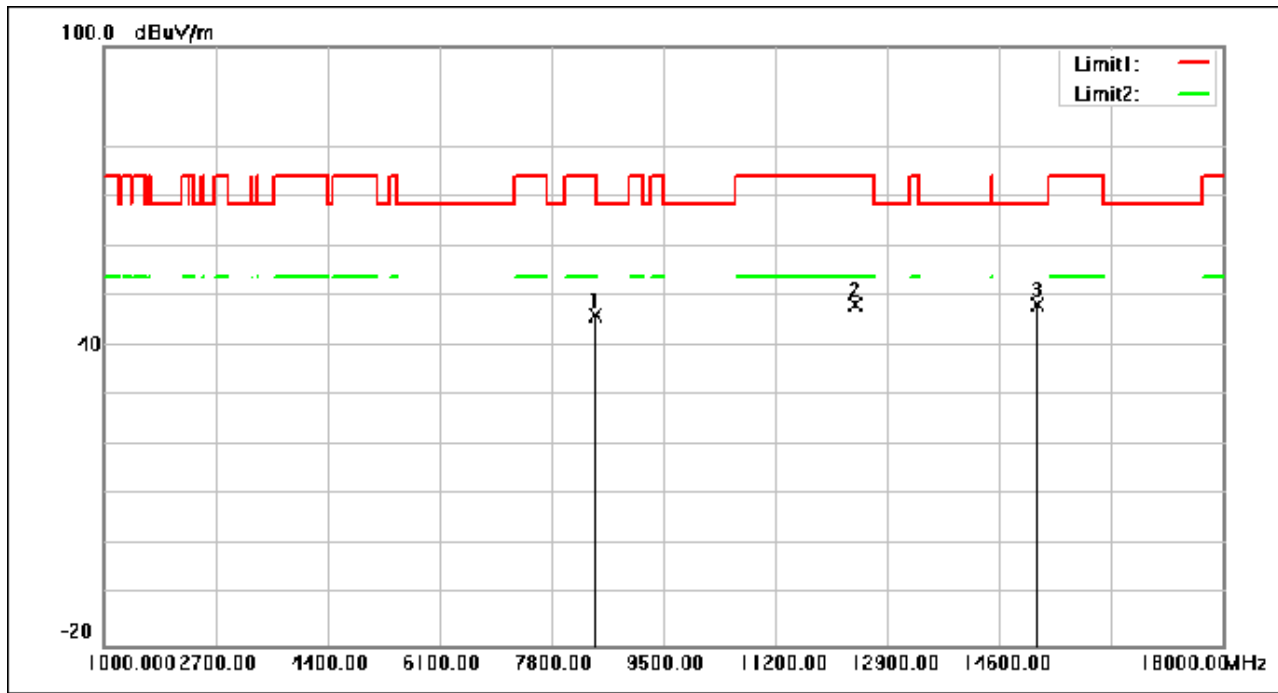
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	8470.480	56.03	-9.80	46.23	74.00	-27.77	peak
2	12423.320	54.45	-6.08	48.37	74.00	-25.63	peak
3	15193.640	53.02	-4.92	48.10	68.30	-20.20	peak

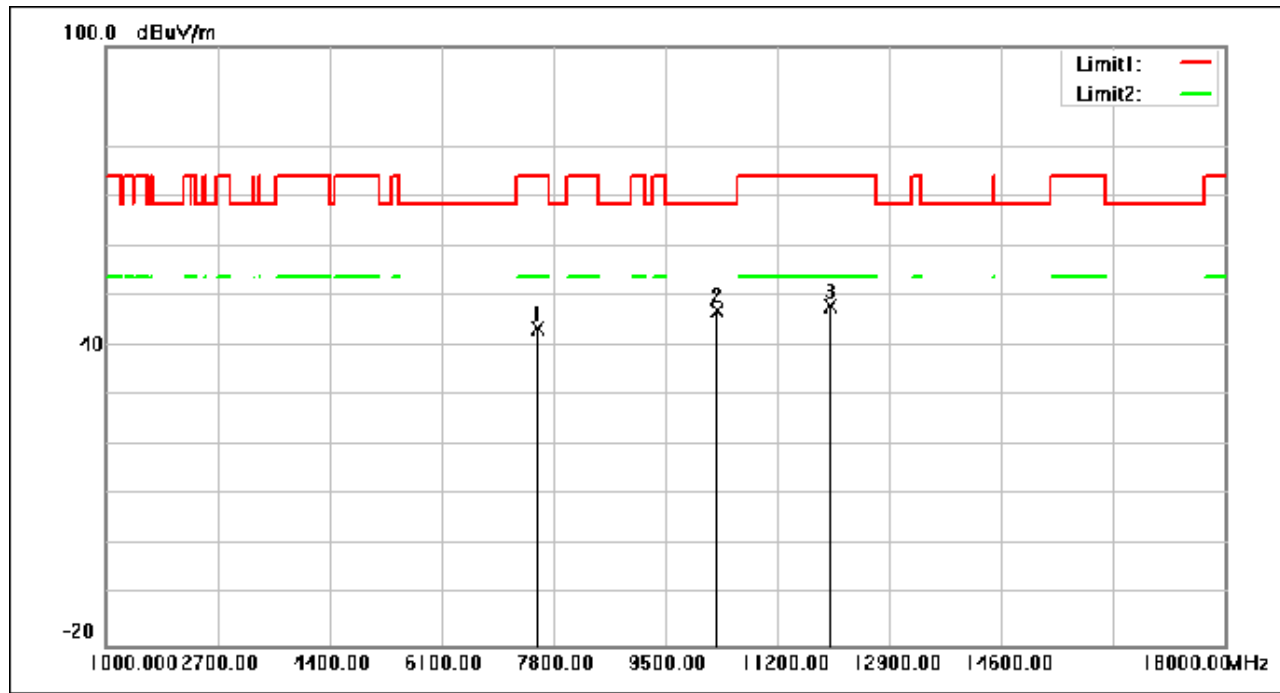
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7574.240	54.54	-11.16	43.38	74.00	-30.62	peak
2	10297.640	54.29	-7.15	47.14	68.30	-21.16	peak
3	12015.320	53.90	-5.90	48.00	74.00	-26.00	peak

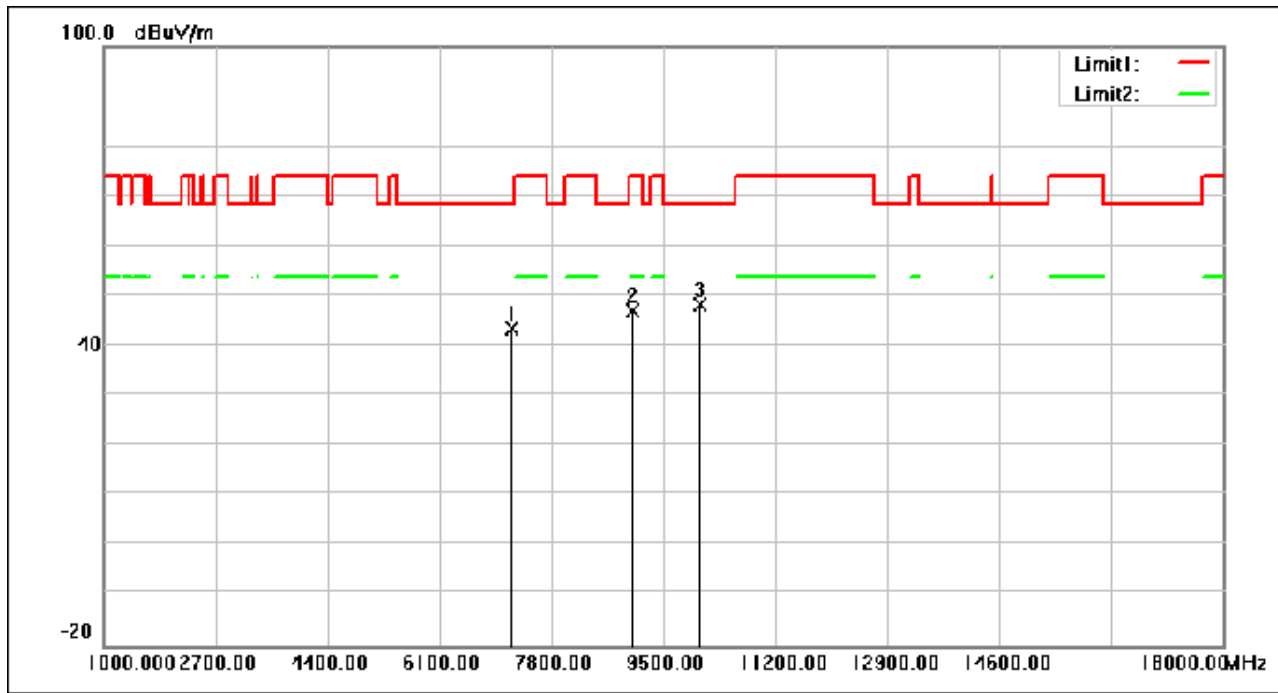
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7219.960	54.87	-11.47	43.40	68.30	-24.90	peak
2	9043.720	55.74	-8.81	46.93	74.00	-27.07	peak
3	10057.600	55.50	-7.30	48.20	68.30	-20.10	peak

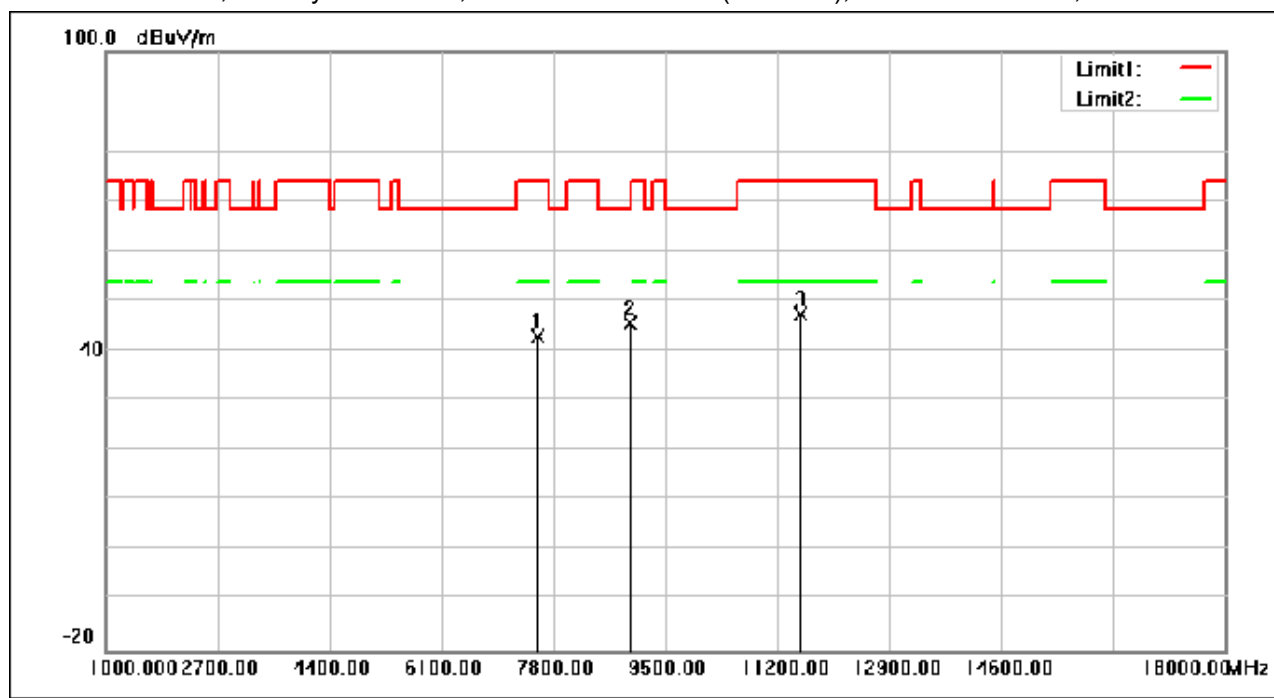
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	7571.520	54.14	-11.16	42.98	74.00	-31.02	peak
2	8960.080	54.49	-8.99	45.50	68.30	-22.80	peak
3	11541.360	53.75	-6.33	47.42	74.00	-26.58	peak

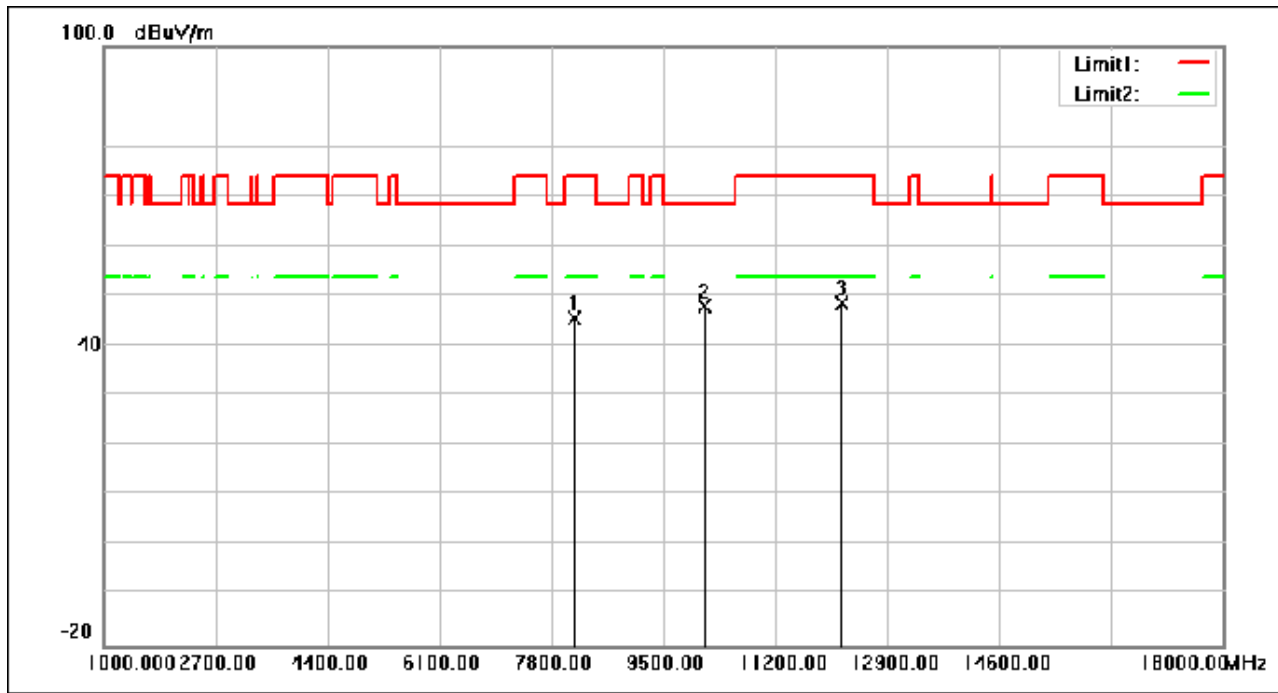
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	8154.960	55.88	-10.32	45.56	74.00	-28.44	peak
2	10118.120	55.09	-7.26	47.83	68.30	-20.47	peak
3	12214.560	54.60	-5.99	48.61	74.00	-25.39	peak

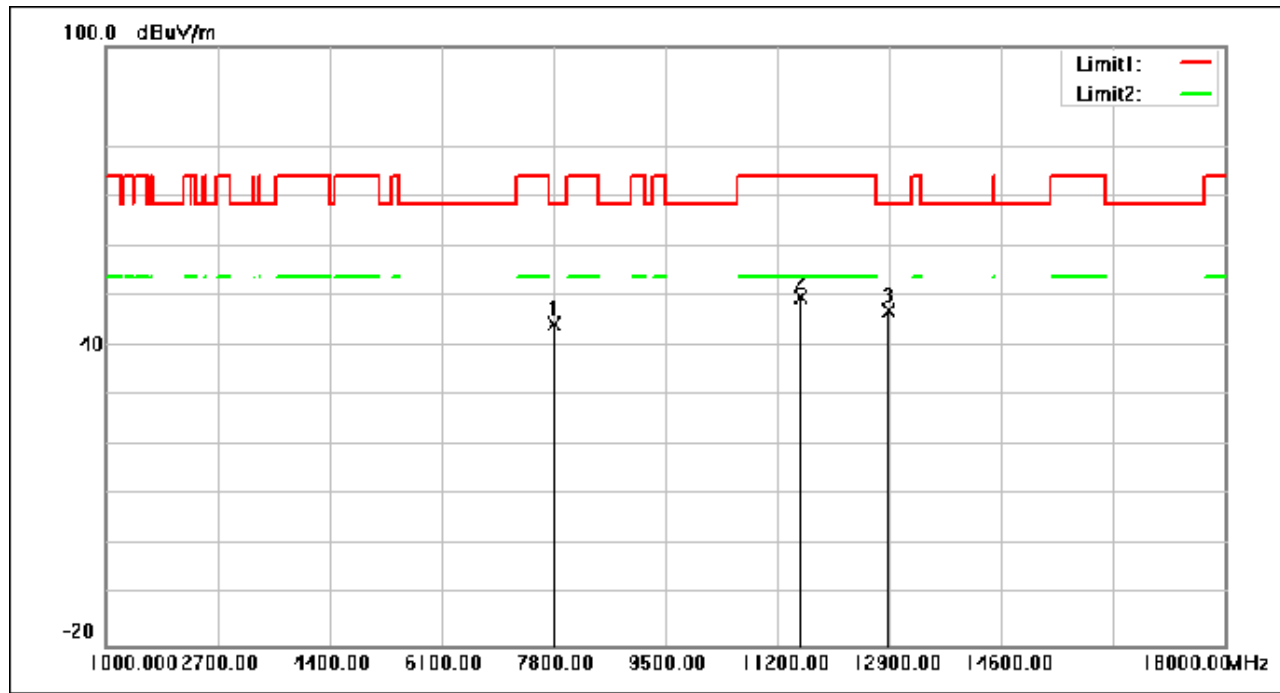
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7830.600	55.29	-10.83	44.46	68.30	-23.84	peak
2	11572.640	55.99	-6.30	49.69	74.00	-24.31	peak
3	12891.160	53.38	-6.29	47.09	68.30	-21.21	peak

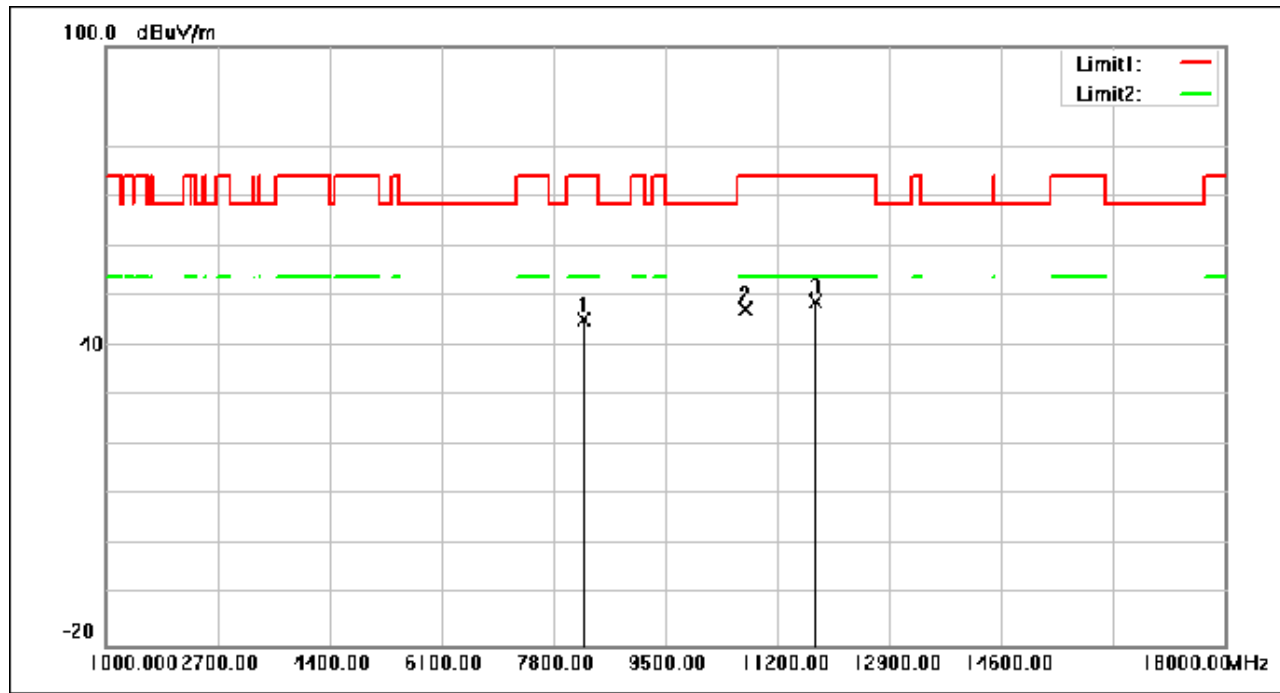
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8271.920	55.41	-10.13	45.28	74.00	-28.72	peak
2	10709.720	54.24	-6.91	47.33	74.00	-26.67	peak
3	11793.640	55.13	-6.13	49.00	74.00	-25.00	peak

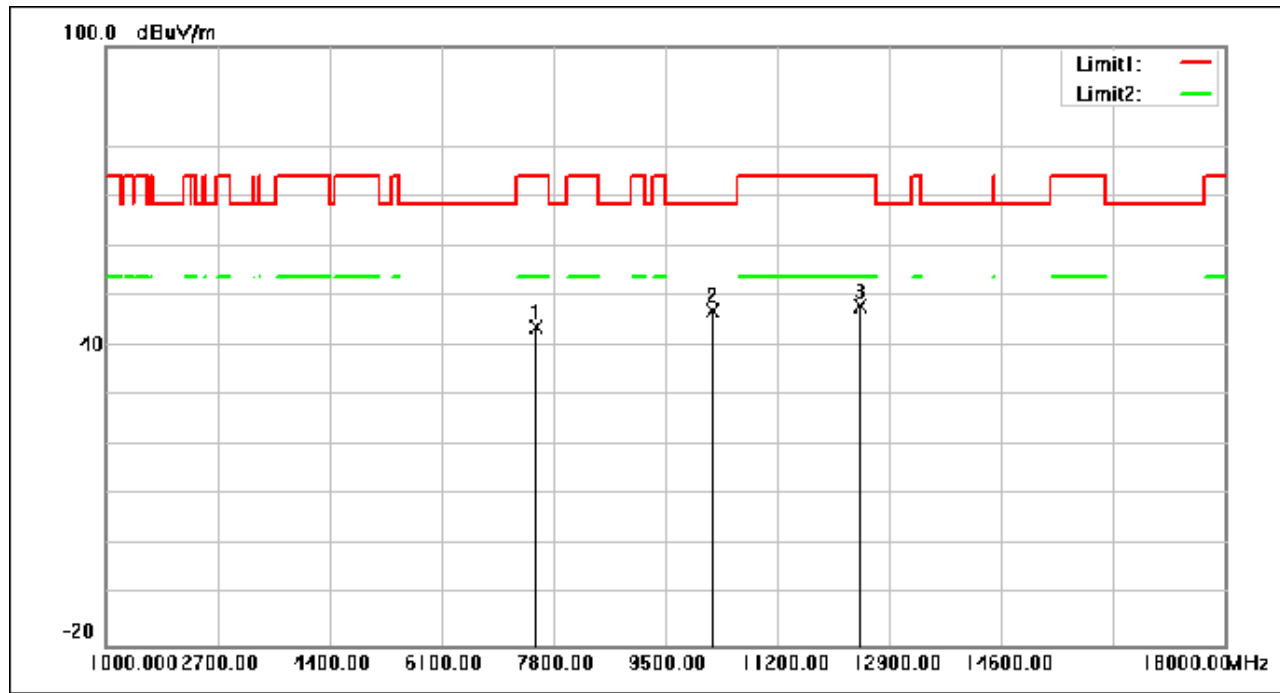
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7555.200	55.00	-11.19	43.81	74.00	-30.19	peak
2	10214.000	54.31	-7.20	47.11	68.30	-21.19	peak
3	12458.680	54.18	-6.09	48.09	74.00	-25.91	peak

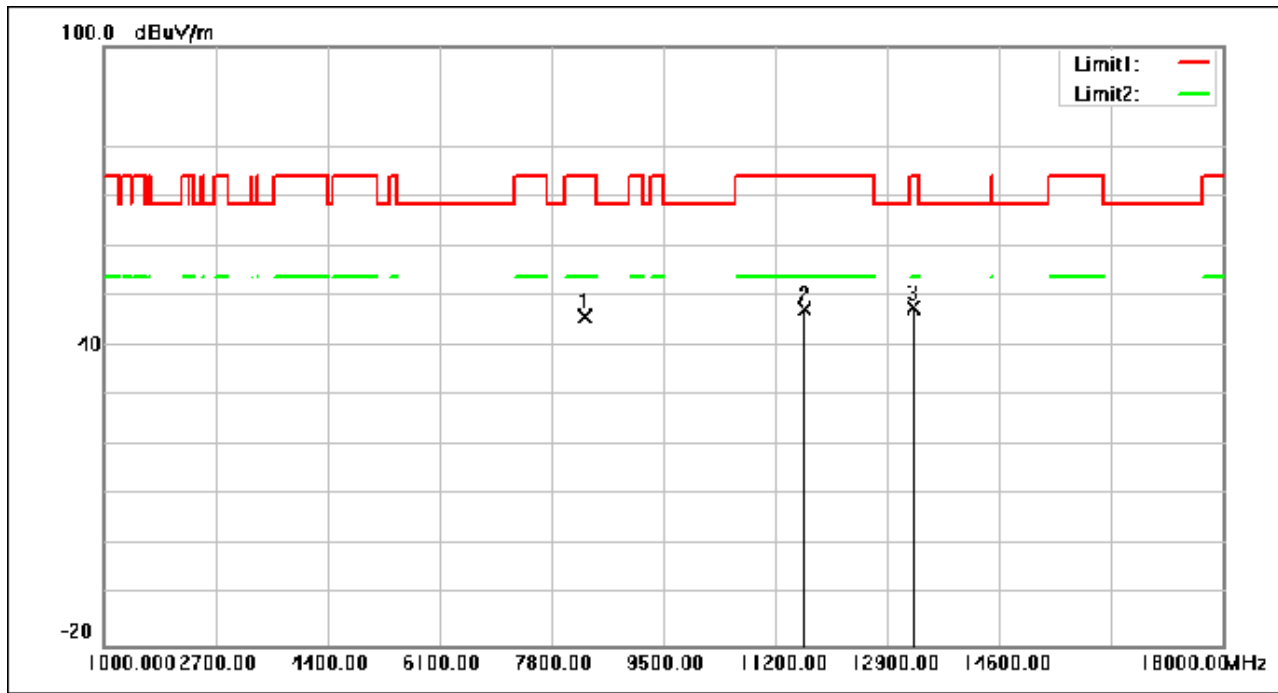
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8312.720	56.01	-10.07	45.94	74.00	-28.06	peak
2	11649.480	53.45	-6.24	47.21	74.00	-26.79	peak
3	13293.040	53.81	-6.30	47.51	74.00	-26.49	peak

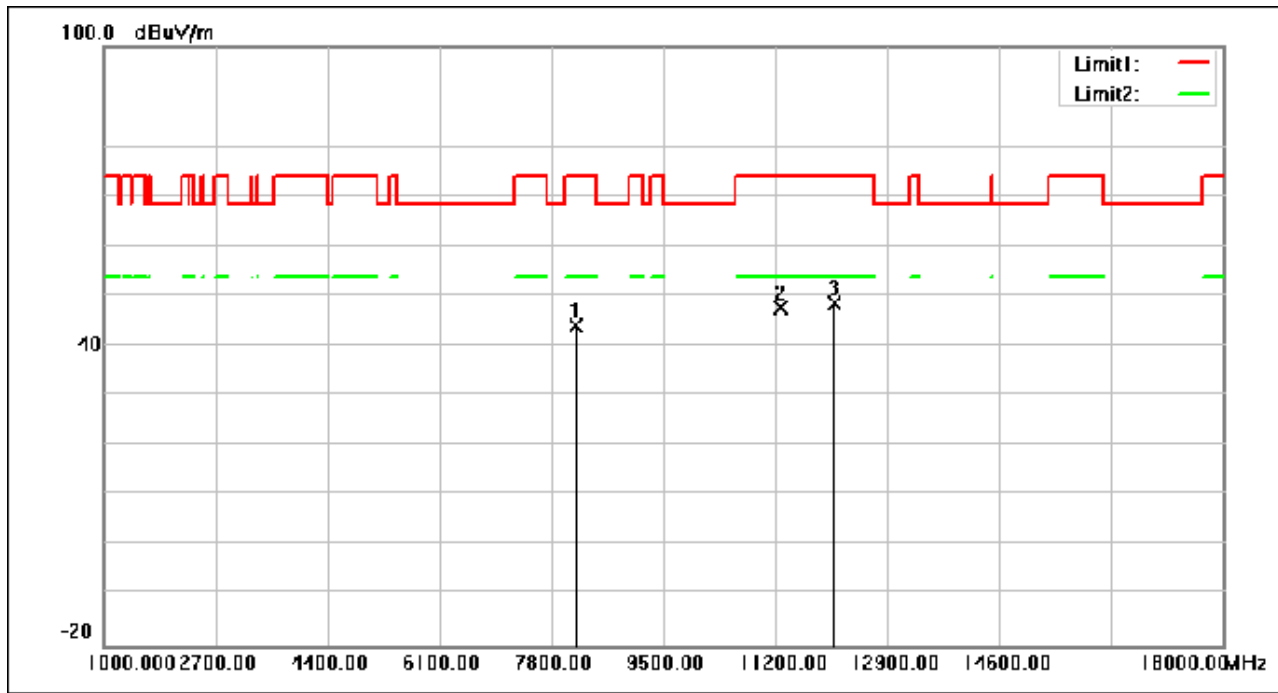
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8189.640	54.43	-10.26	44.17	74.00	-29.83	peak
2	11280.240	54.33	-6.54	47.79	74.00	-26.21	peak
3	12109.840	54.38	-5.94	48.44	74.00	-25.56	peak

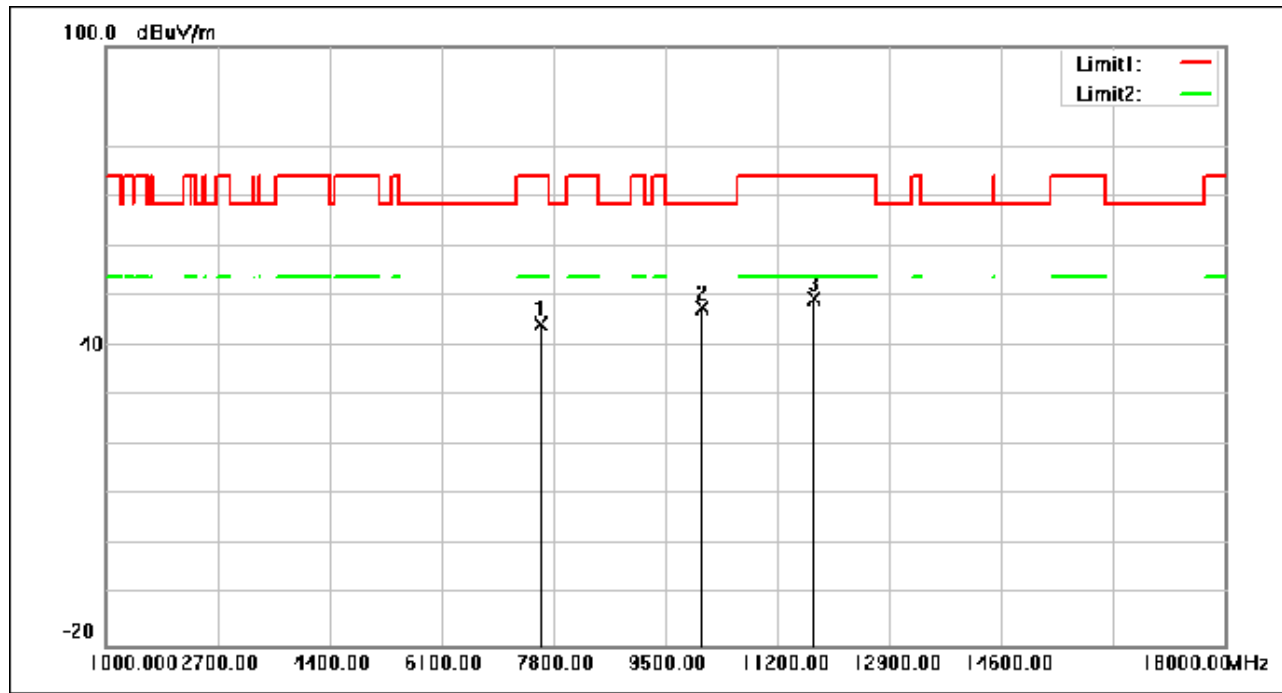
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7625.920	55.40	-11.10	44.30	74.00	-29.70	peak
2	10047.400	54.91	-7.30	47.61	68.30	-20.69	peak
3	11775.280	55.53	-6.13	49.40	74.00	-24.60	peak

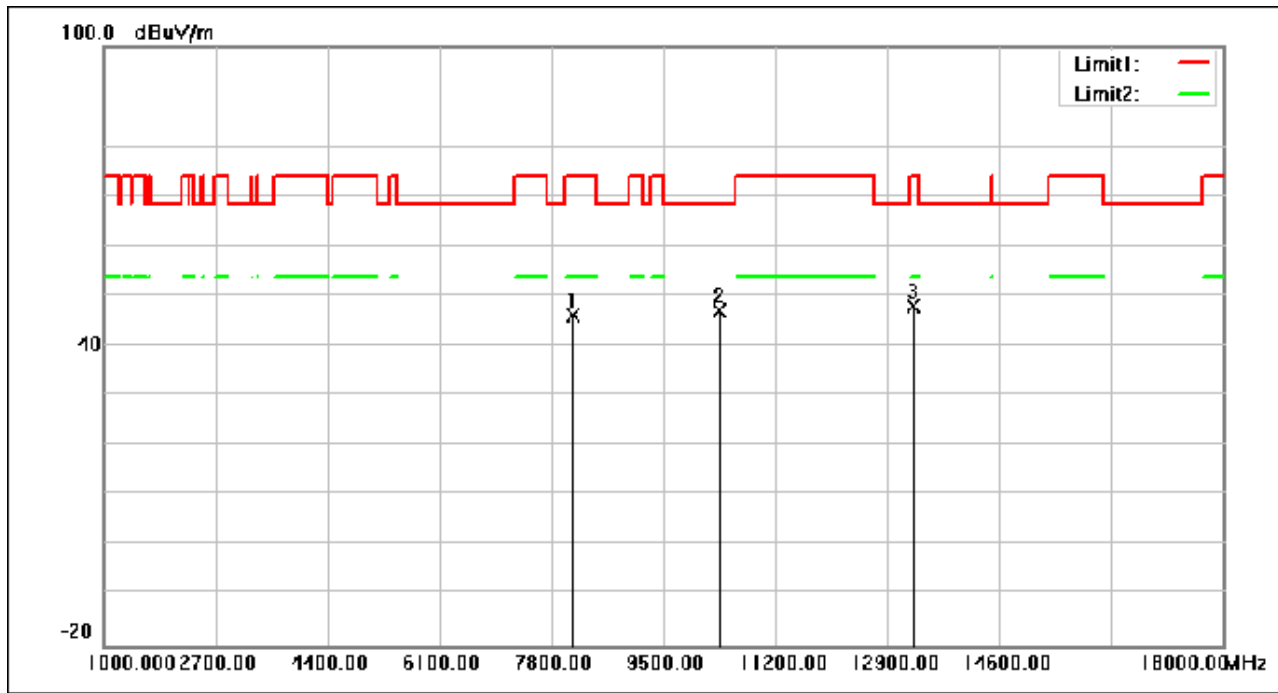
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8135.920	56.44	-10.36	46.08	74.00	-27.92	peak
2	10351.360	54.26	-7.12	47.14	68.30	-21.16	peak
3	13301.880	54.32	-6.30	48.02	74.00	-25.98	peak

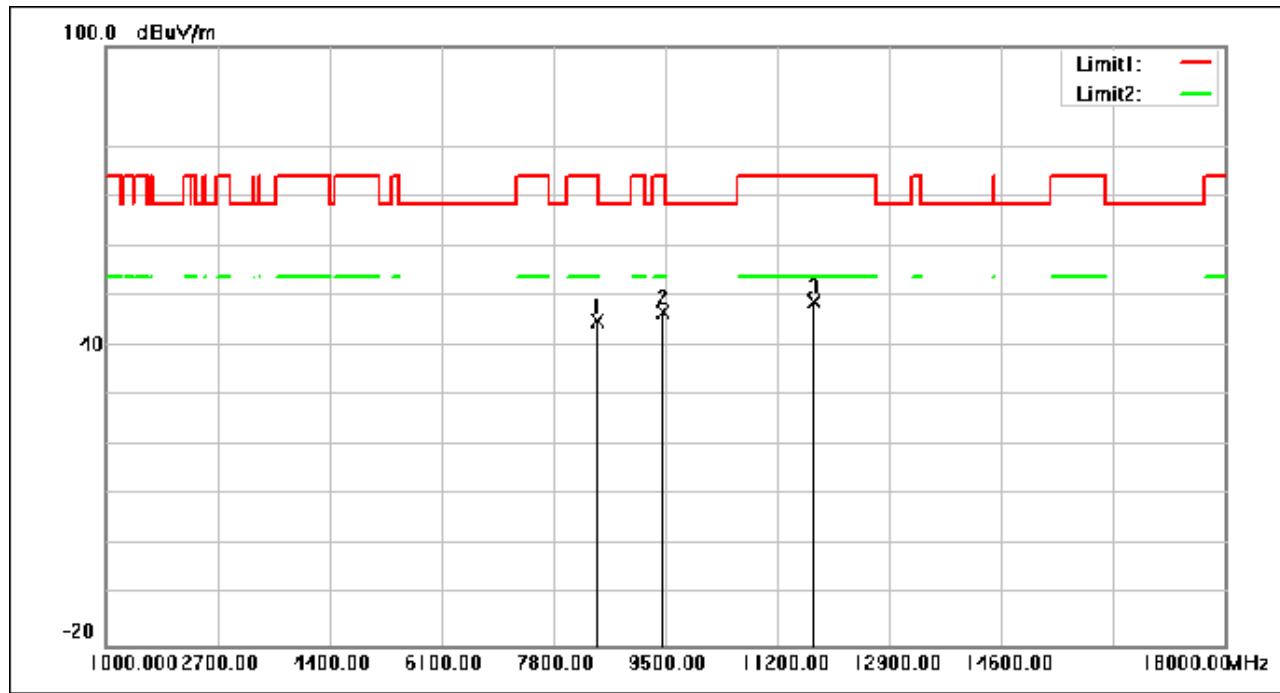
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8469.120	54.66	-9.81	44.85	74.00	-29.15	peak
2	9478.920	54.90	-8.00	46.90	74.00	-27.10	peak
3	11776.640	55.13	-6.13	49.00	74.00	-25.00	peak

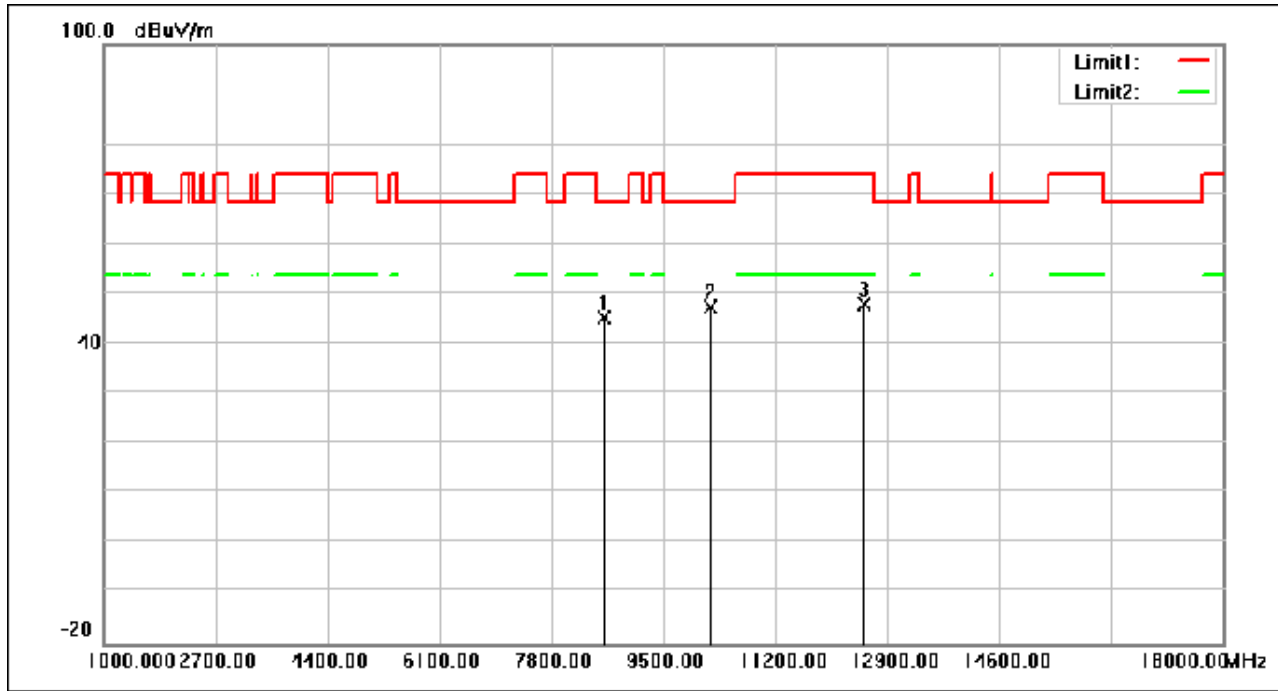
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8610.560	54.80	-9.57	45.23	68.30	-23.07	peak
2	10224.200	54.58	-7.20	47.38	68.30	-20.92	peak
3	12555.920	54.21	-6.14	48.07	74.00	-25.93	peak

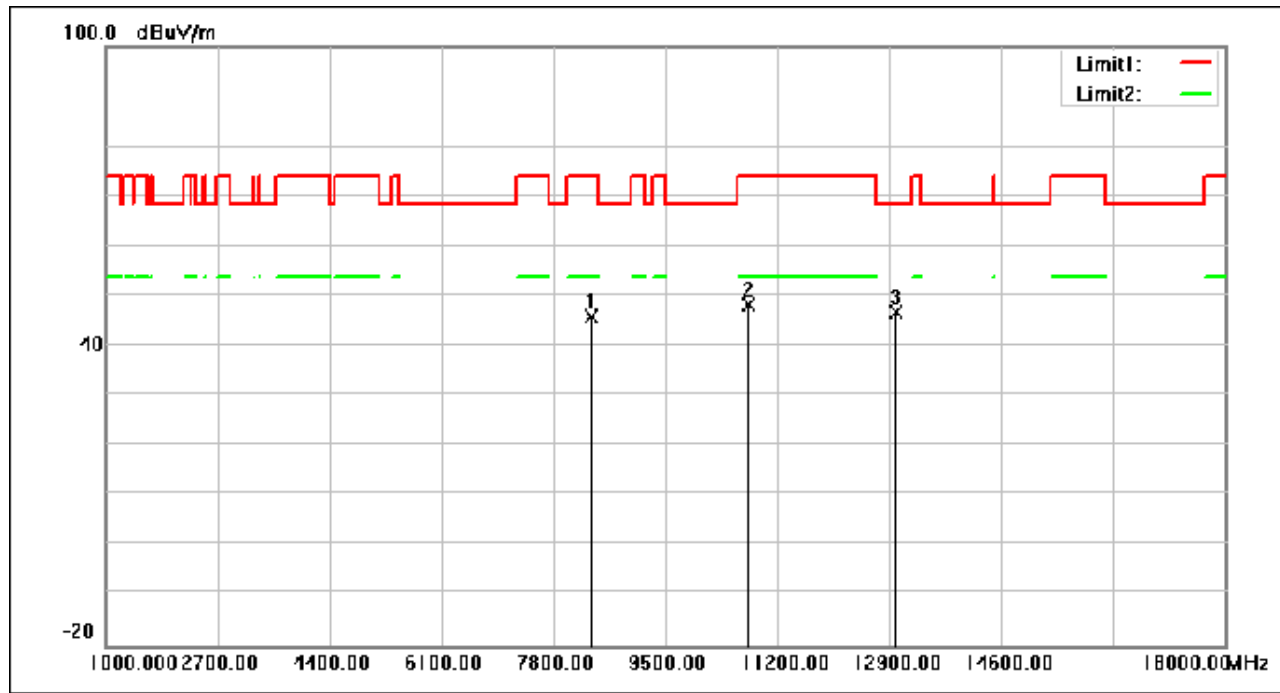
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Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8378.680	55.69	-9.96	45.73	74.00	-28.27	peak
2	10765.480	55.22	-6.88	48.34	74.00	-25.66	peak
3	13015.600	53.23	-6.33	46.90	68.30	-21.40	peak

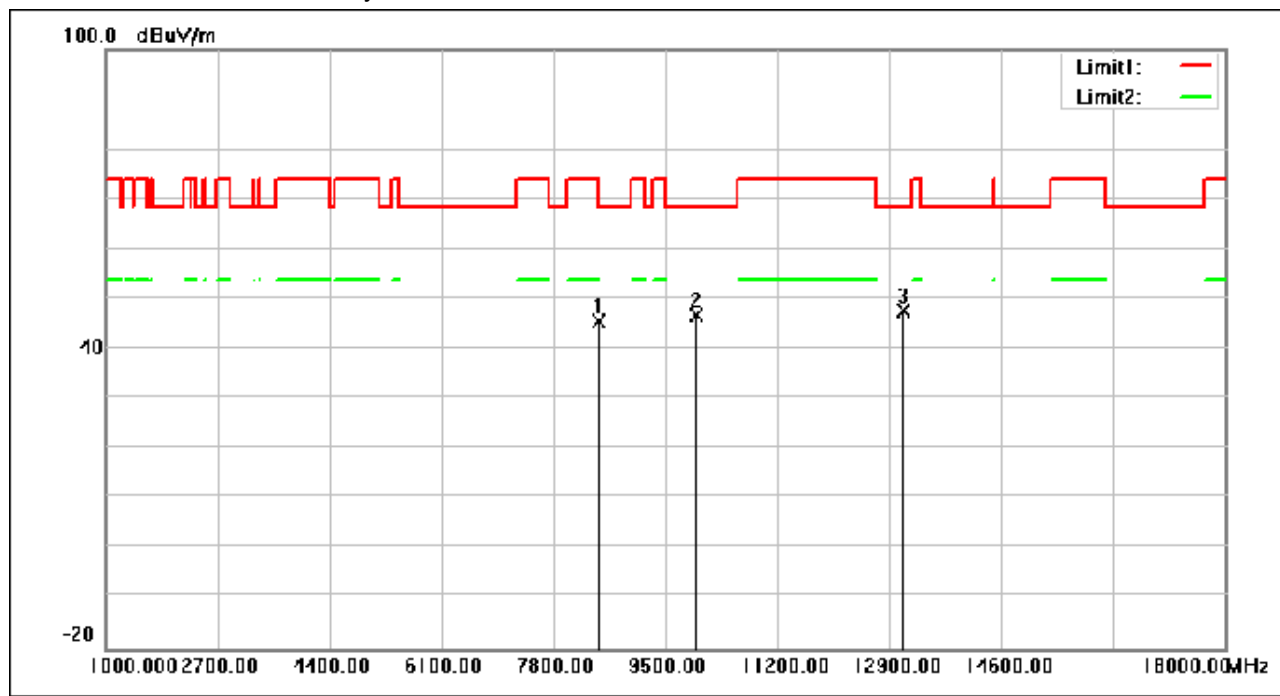
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; 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	8500.400	55.30	-9.75	45.55	68.30	-22.75	peak
2	9971.240	54.20	-7.32	46.88	68.30	-21.42	peak
3	13124.400	54.07	-6.27	47.80	68.30	-20.50	peak

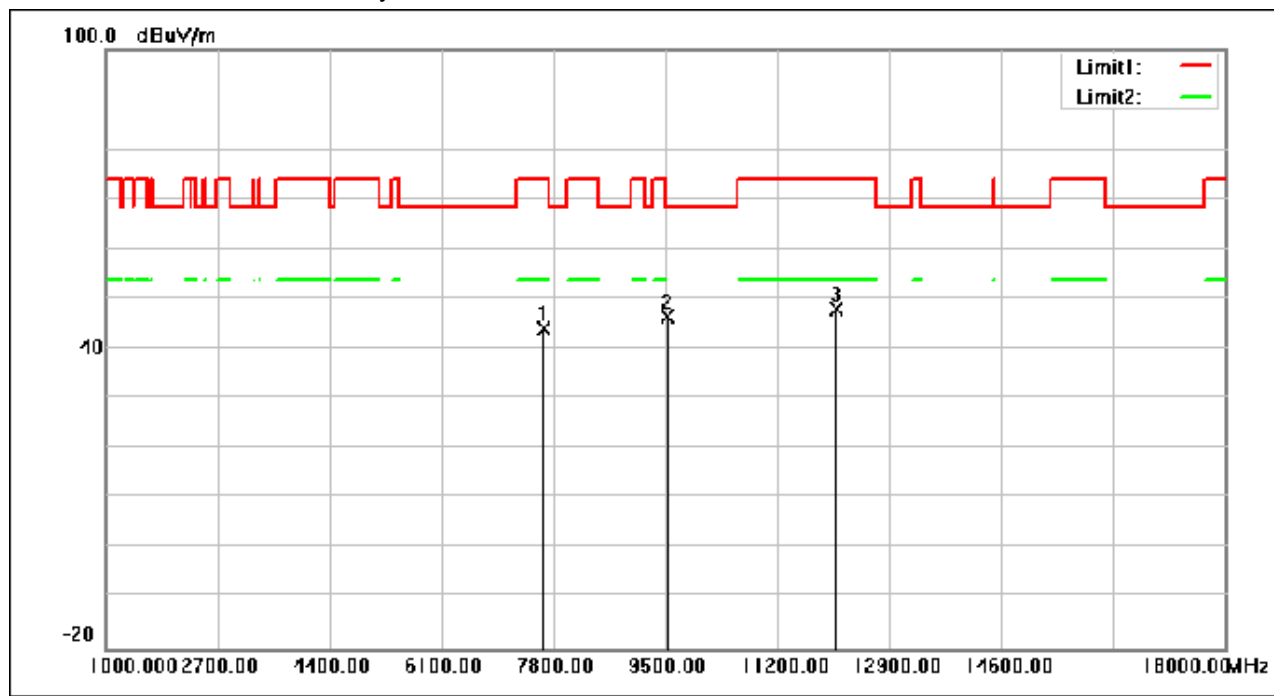
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Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7660.600	55.06	-11.05	44.01	74.00	-29.99	peak
2	9537.400	54.46	-7.88	46.58	68.30	-21.72	peak
3	12115.280	53.98	-5.94	48.04	74.00	-25.96	peak

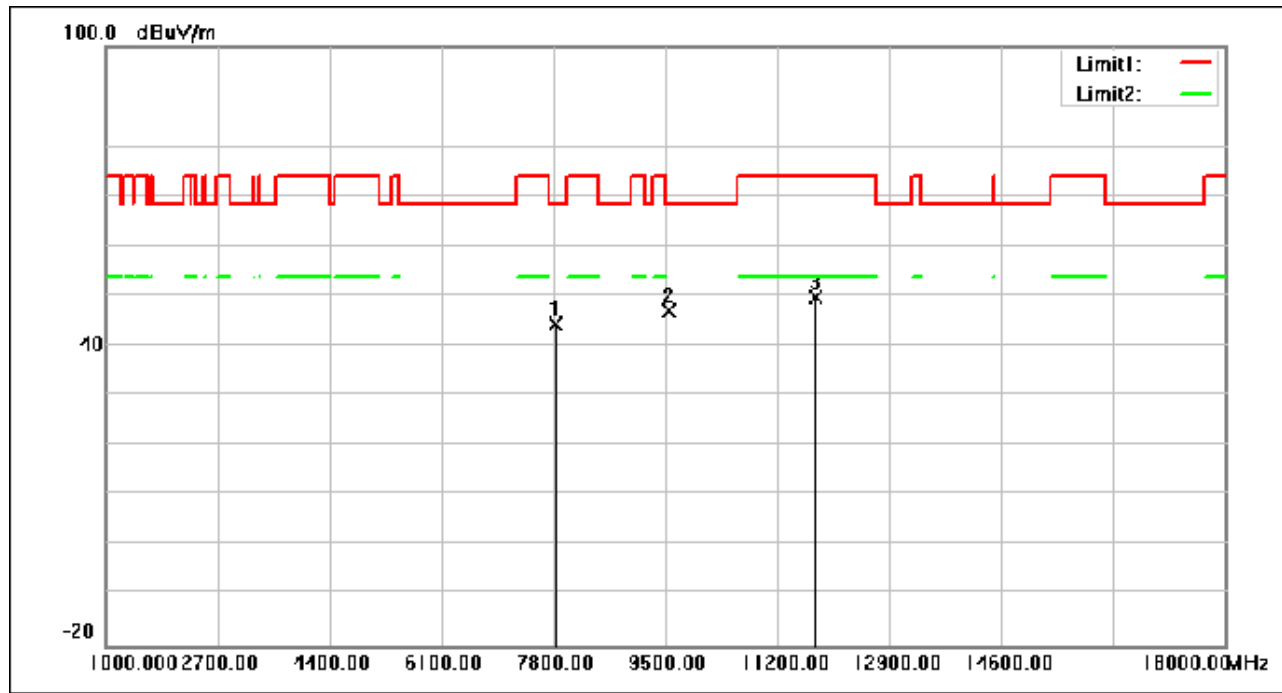
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7838.760	55.22	-10.82	44.40	68.30	-23.90	peak
2	9561.200	55.01	-7.84	47.17	68.30	-21.13	peak
3	11778.680	55.80	-6.13	49.67	74.00	-24.33	peak

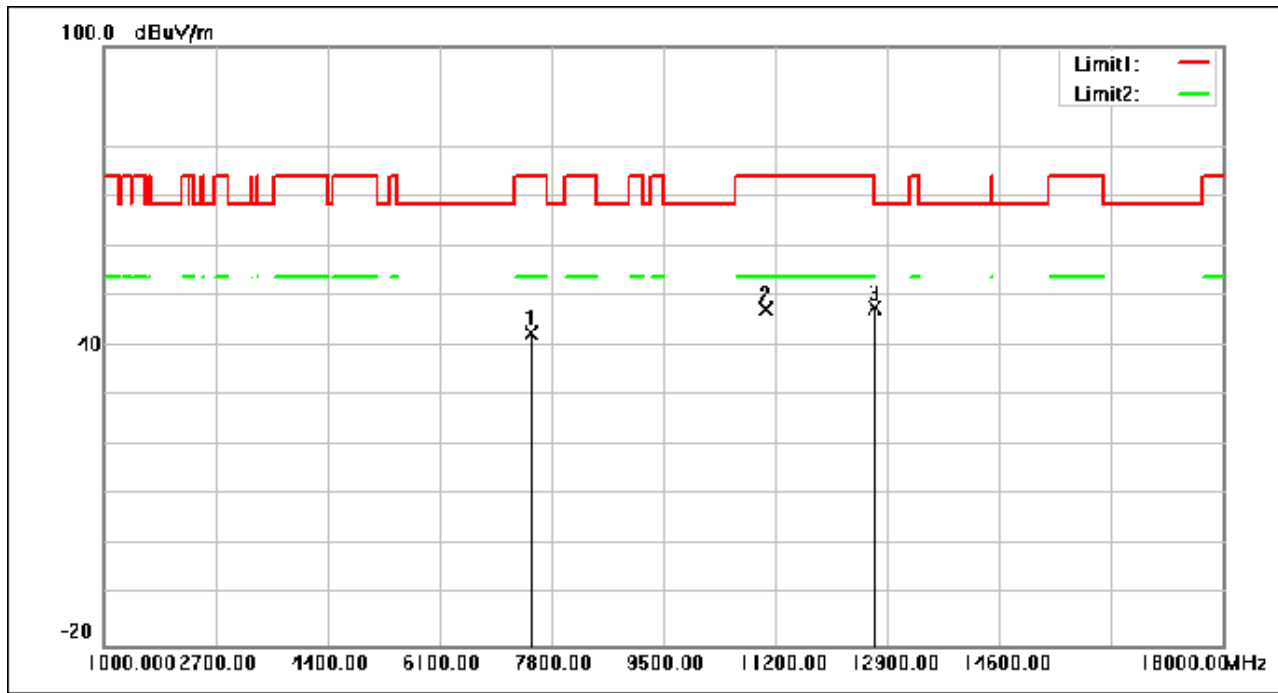
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; 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	7506.240	53.84	-11.25	42.59	74.00	-31.41	peak
2	11049.040	53.92	-6.72	47.20	74.00	-26.80	peak
3	12703.480	53.97	-6.20	47.77	68.30	-20.53	peak

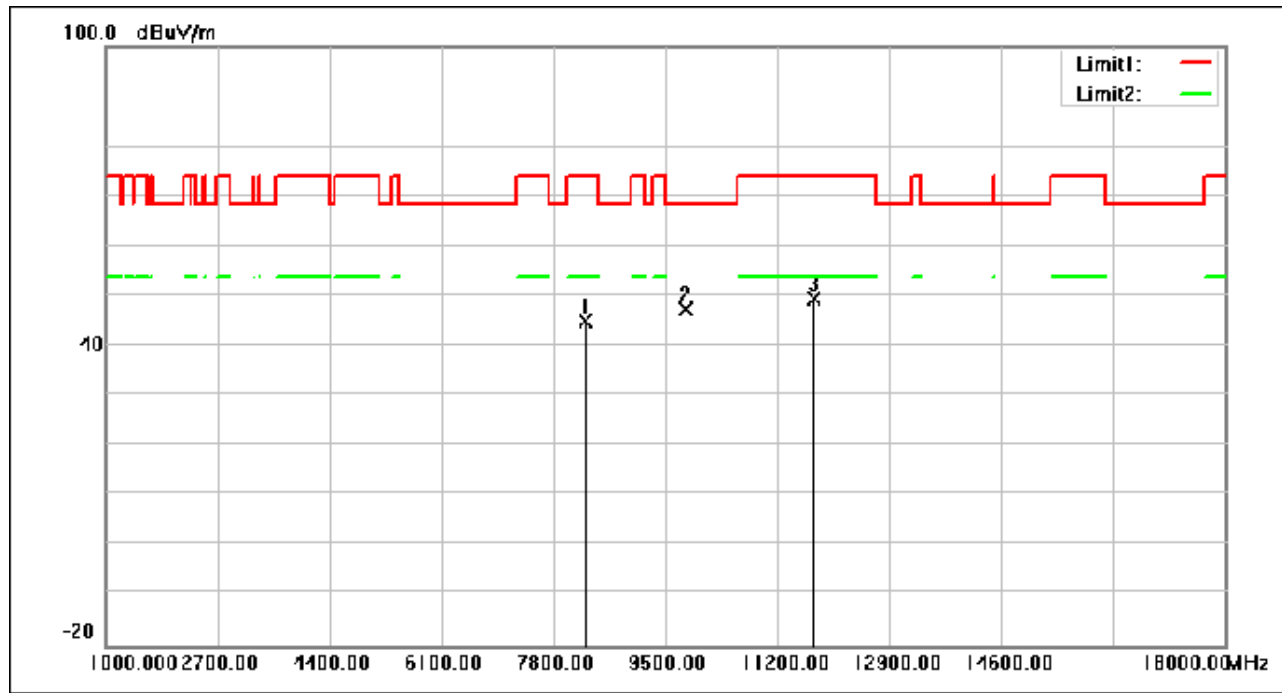
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8289.600	54.96	-10.10	44.86	74.00	-29.14	peak
2	9820.280	54.55	-7.35	47.20	68.30	-21.10	peak
3	11763.040	55.69	-6.15	49.54	74.00	-24.46	peak

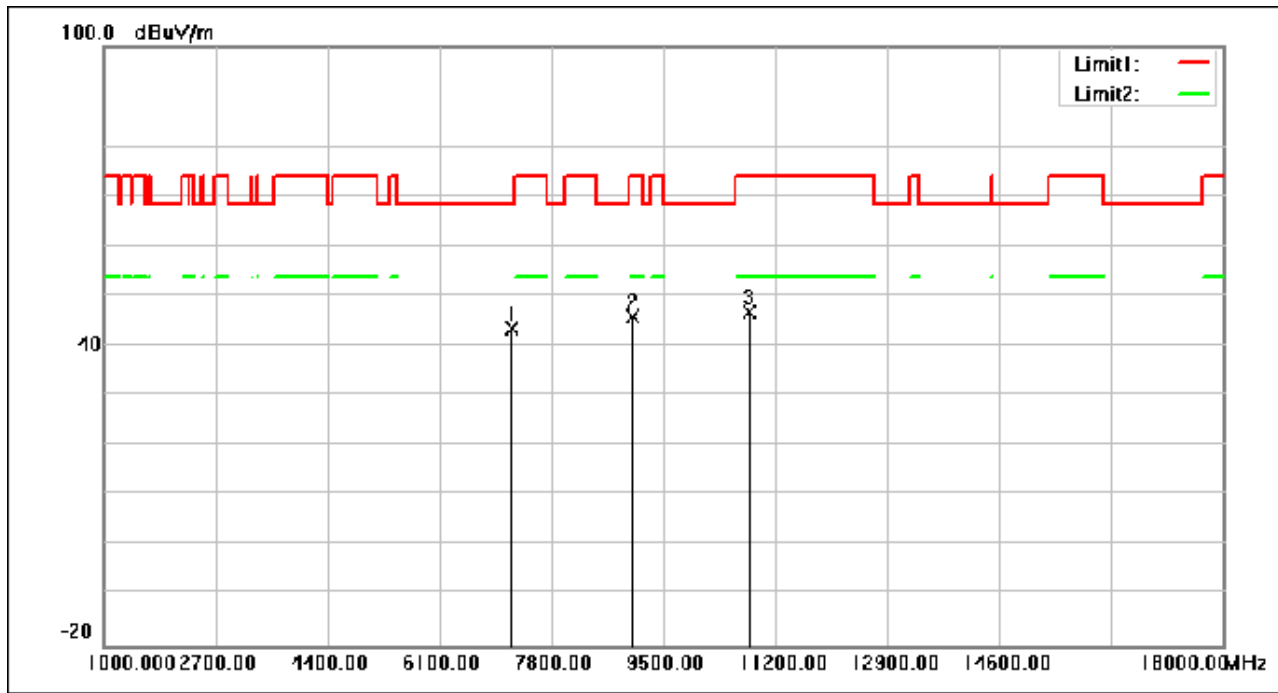
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7220.640	55.01	-11.46	43.55	68.30	-24.75	peak
2	9049.160	54.76	-8.80	45.96	74.00	-28.04	peak
3	10806.960	53.67	-6.87	46.80	74.00	-27.20	peak

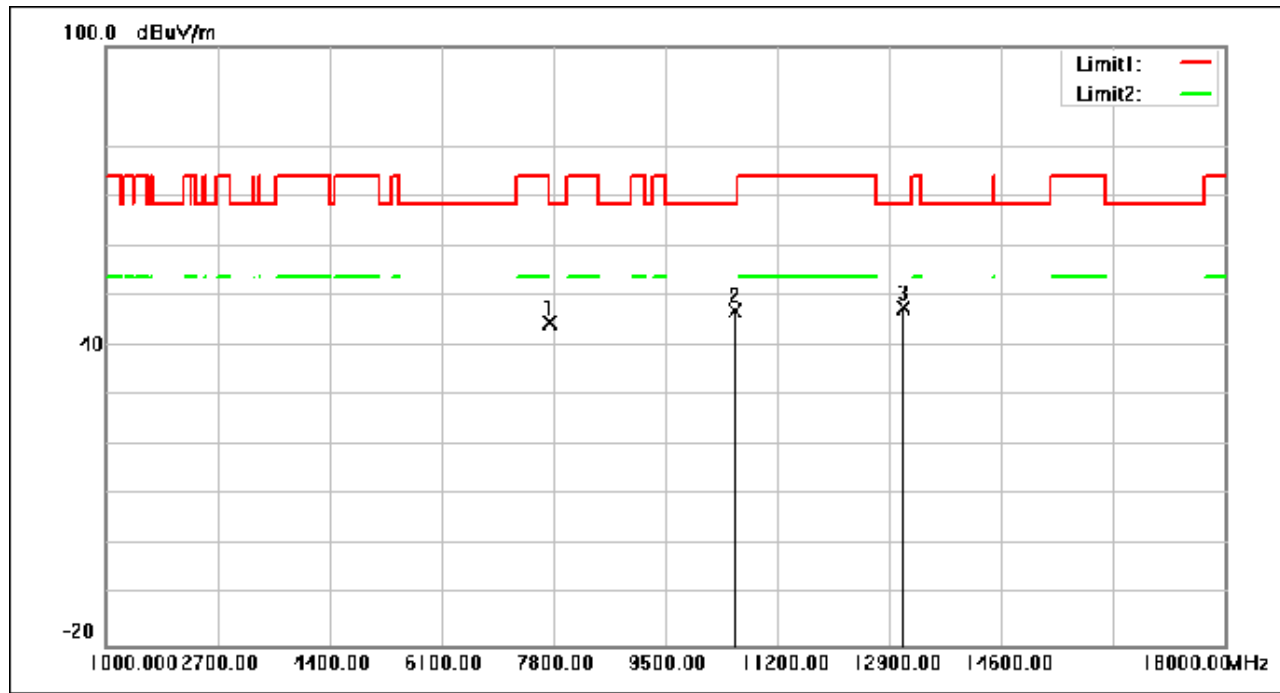
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7763.280	55.56	-10.91	44.65	68.30	-23.65	peak
2	10570.320	54.13	-7.00	47.13	68.30	-21.17	peak
3	13112.840	53.86	-6.27	47.59	68.30	-20.71	peak

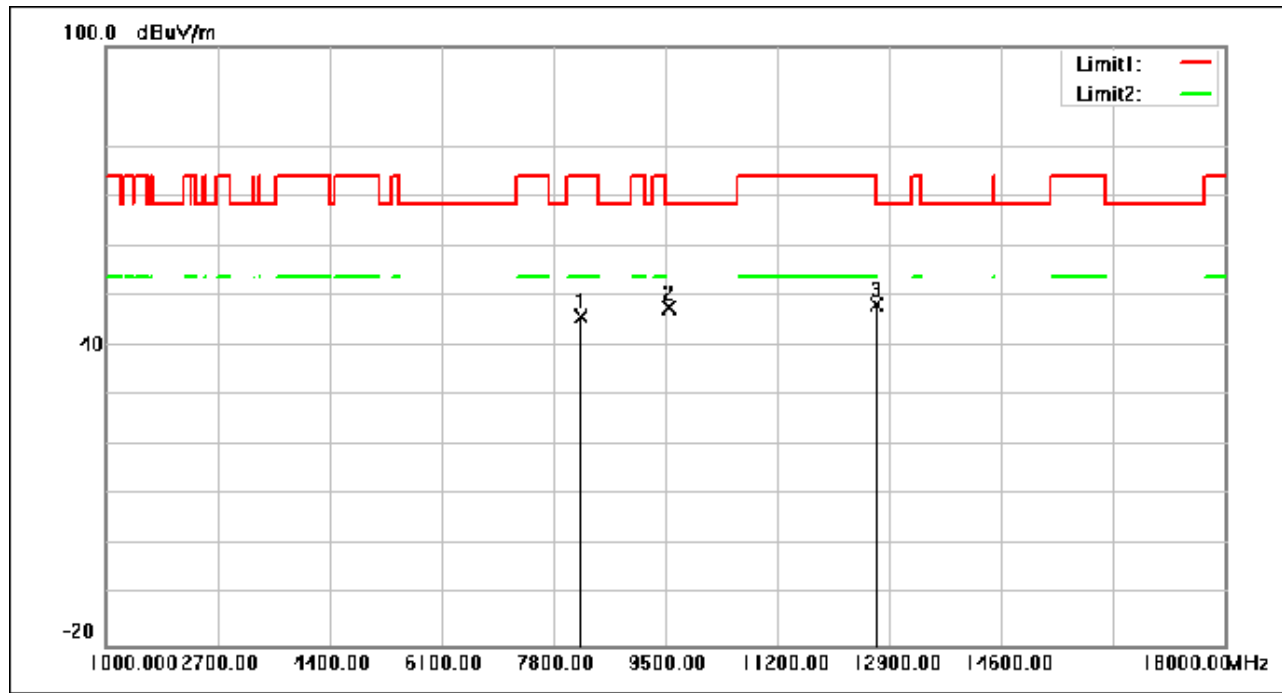
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8239.280	55.97	-10.19	45.78	74.00	-28.22	peak
2	9557.800	55.44	-7.85	47.59	68.30	-20.71	peak
3	12698.720	54.45	-6.21	48.24	74.00	-25.76	peak

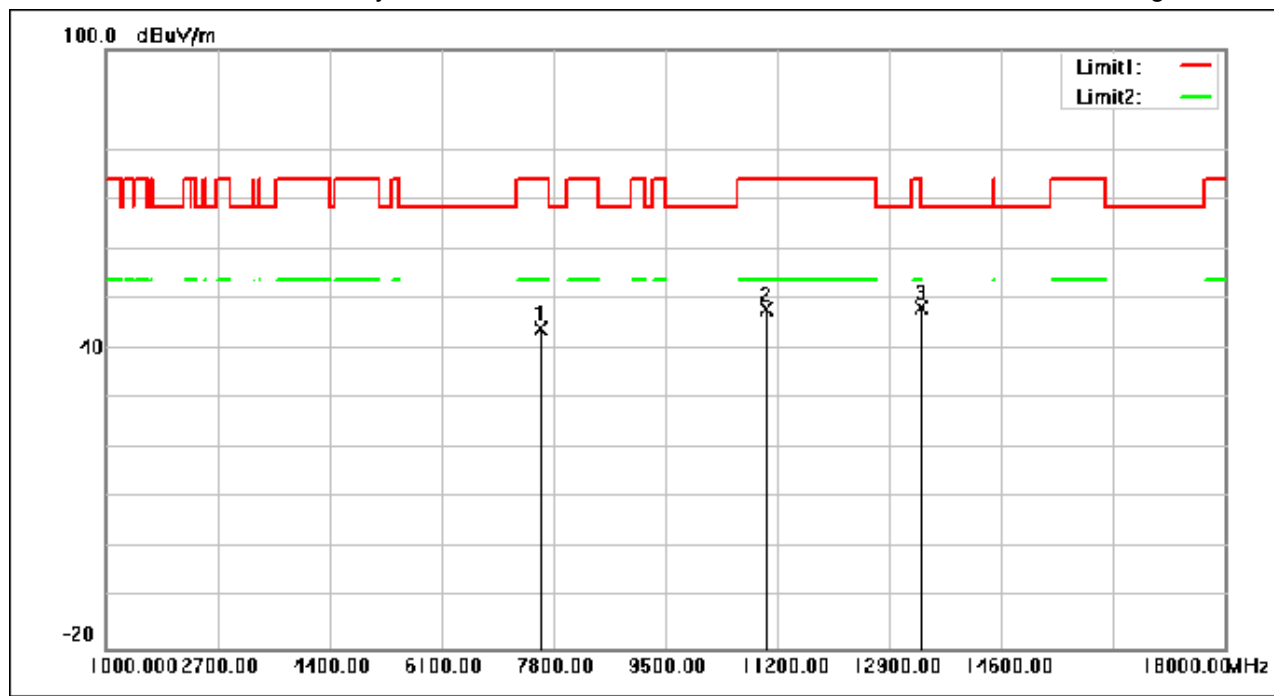
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7597.360	55.08	-11.13	43.95	74.00	-30.05	peak
2	11043.600	54.74	-6.73	48.01	74.00	-25.99	peak
3	13378.040	54.72	-6.32	48.40	74.00	-25.60	peak

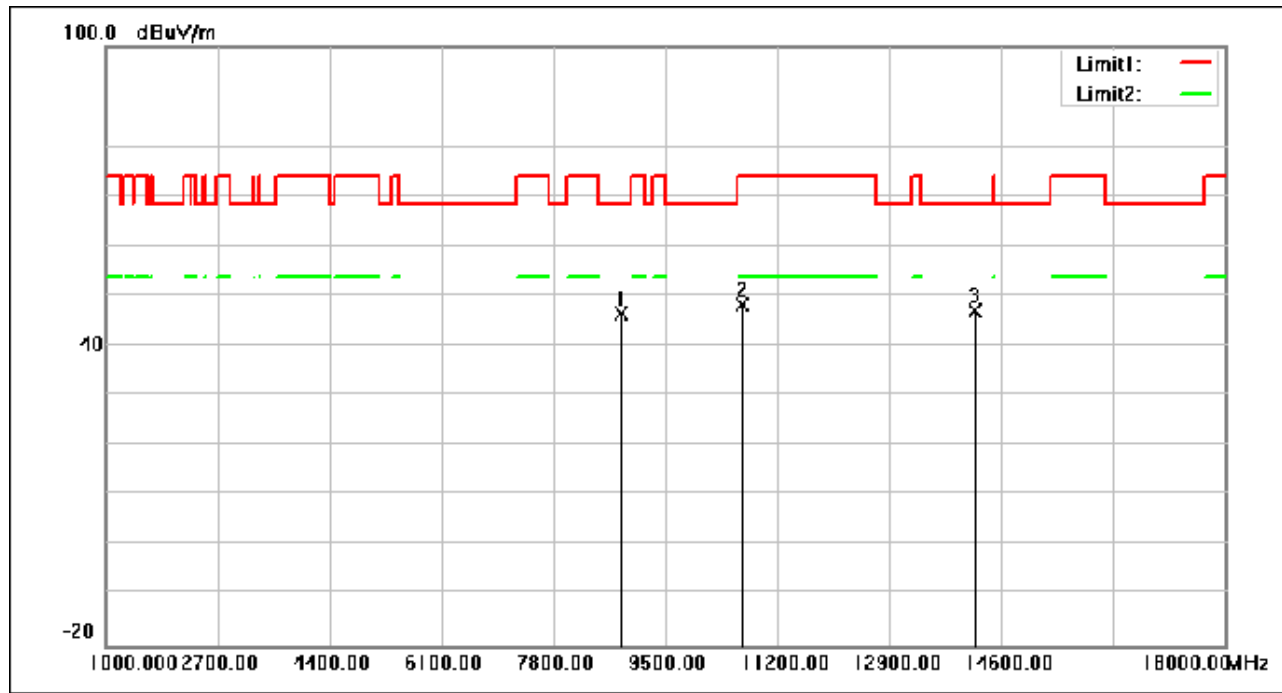
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8846.520	55.58	-9.19	46.39	68.30	-21.91	peak
2	10677.760	55.21	-6.94	48.27	74.00	-25.73	peak
3	14200.840	53.45	-6.26	47.19	68.30	-21.11	peak

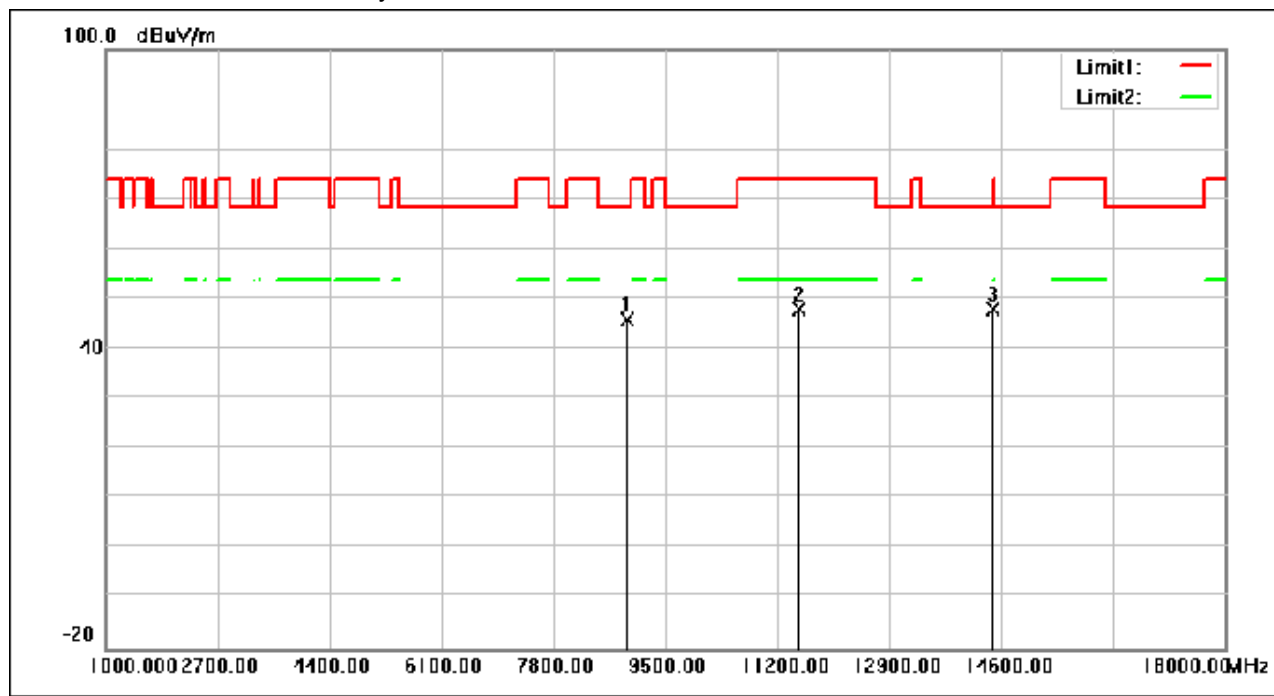
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8936.960	55.01	-9.03	45.98	68.30	-22.32	peak
2	11533.200	54.27	-6.34	47.93	74.00	-26.07	peak
3	14480.320	53.99	-5.98	48.01	74.00	-25.99	peak

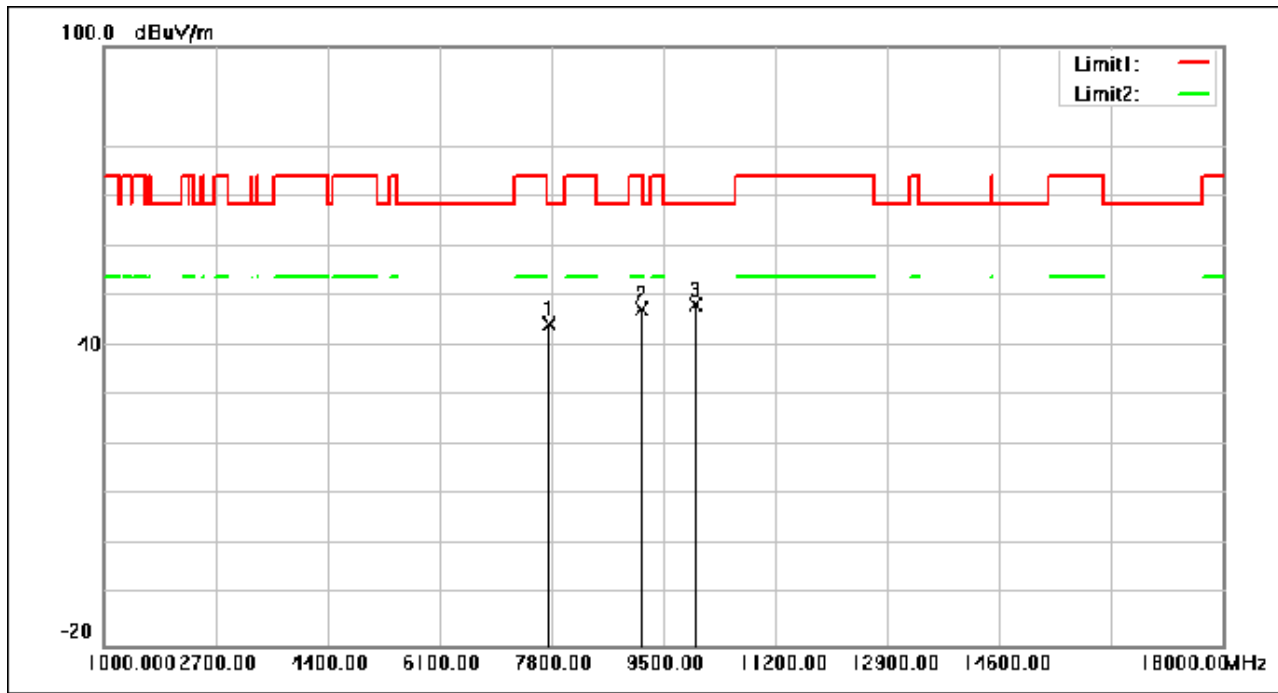
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7771.440	55.39	-10.90	44.49	68.30	-23.81	peak
2	9190.600	55.85	-8.54	47.31	74.00	-26.69	peak
3	9988.920	55.56	-7.33	48.23	68.30	-20.07	peak

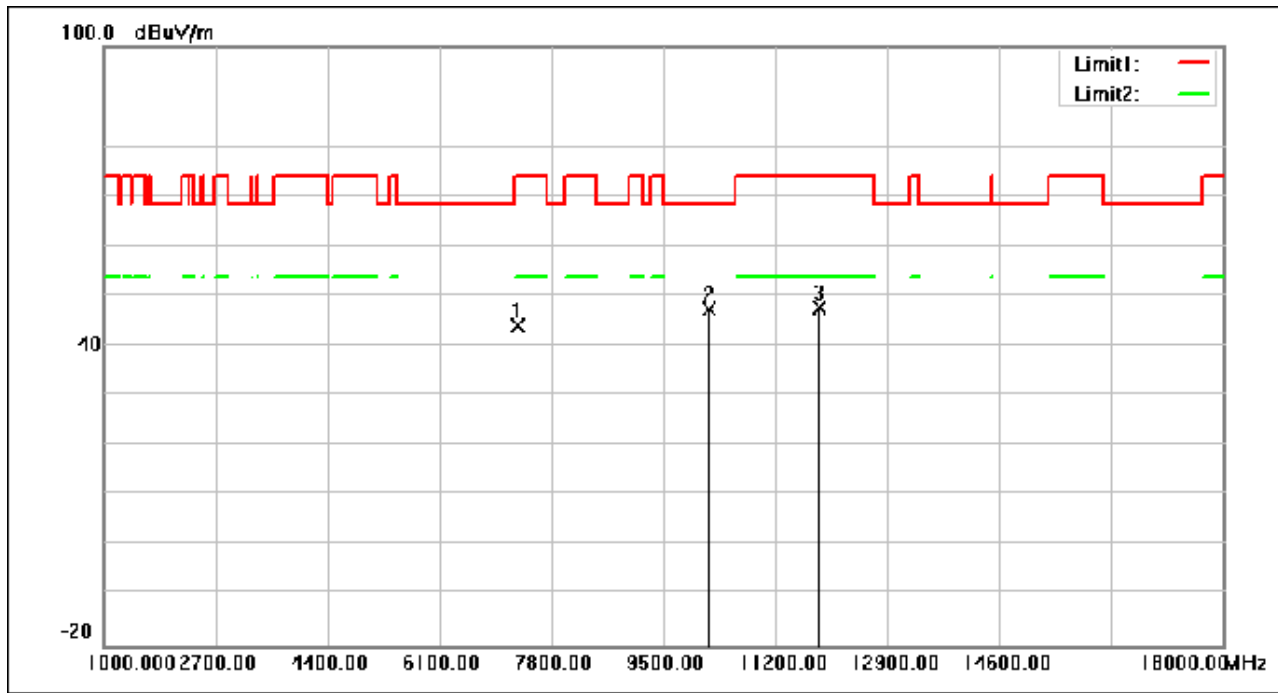
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7292.040	55.39	-11.44	43.95	74.00	-30.05	peak
2	10207.880	54.58	-7.20	47.38	68.30	-20.92	peak
3	11865.040	53.82	-6.06	47.76	74.00	-26.24	peak

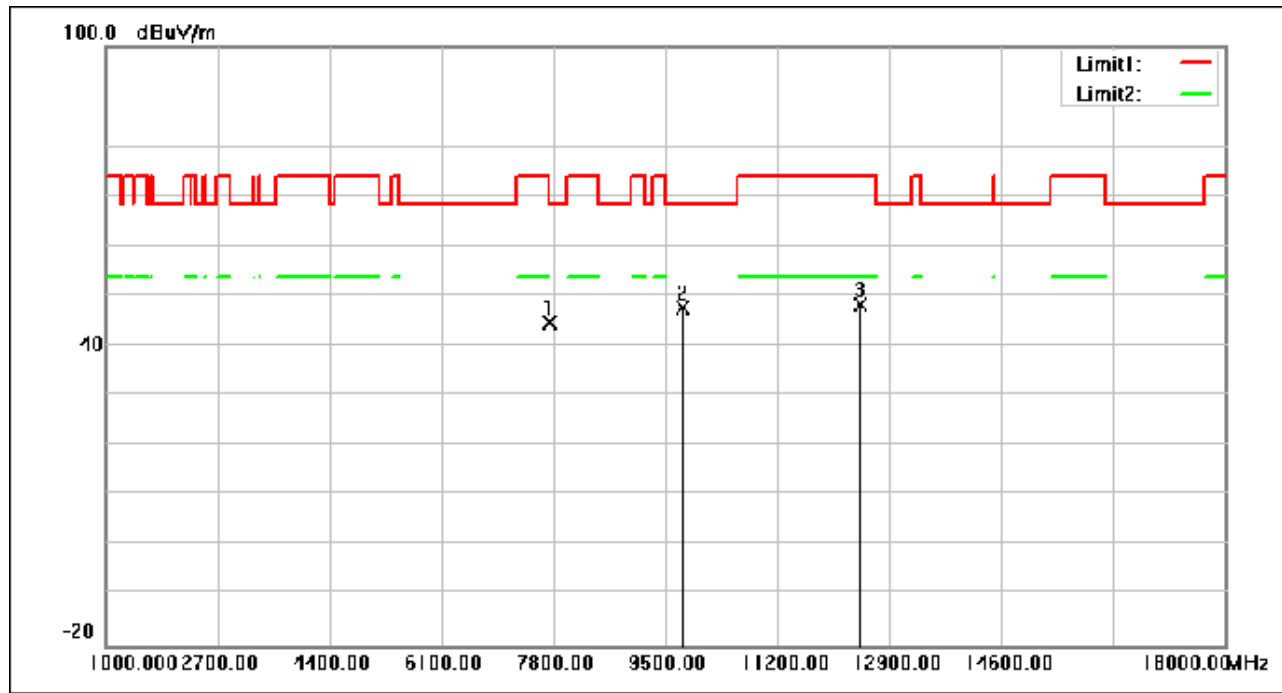
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7742.880	55.66	-10.94	44.72	74.00	-29.28	peak
2	9763.160	55.04	-7.46	47.58	68.30	-20.72	peak
3	12474.320	54.37	-6.10	48.27	74.00	-25.73	peak

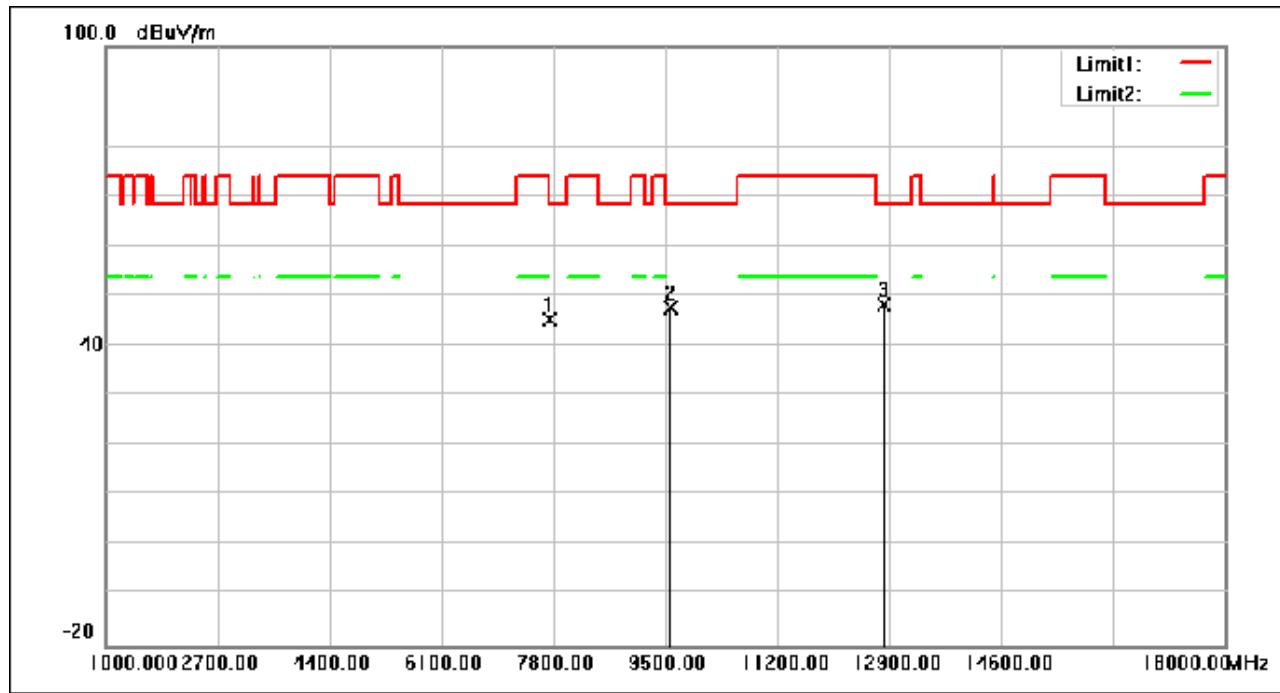
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; 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	7741.520	56.09	-10.94	45.15	74.00	-28.85	peak
2	9578.880	55.41	-7.81	47.60	68.30	-20.70	peak
3	12821.120	54.65	-6.26	48.39	68.30	-19.91	peak

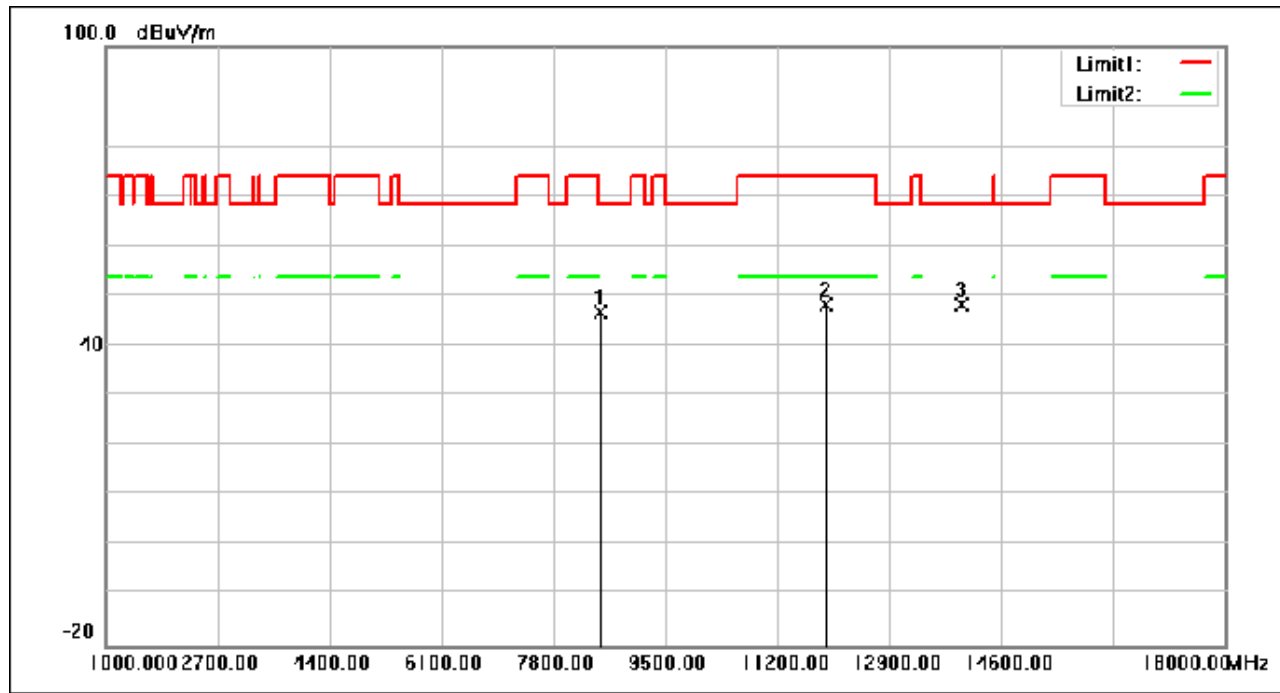
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8523.520	56.58	-9.71	46.87	68.30	-21.43	peak
2	11934.400	54.13	-6.00	48.13	74.00	-25.87	peak
3	13992.760	54.53	-6.42	48.11	68.30	-20.19	peak

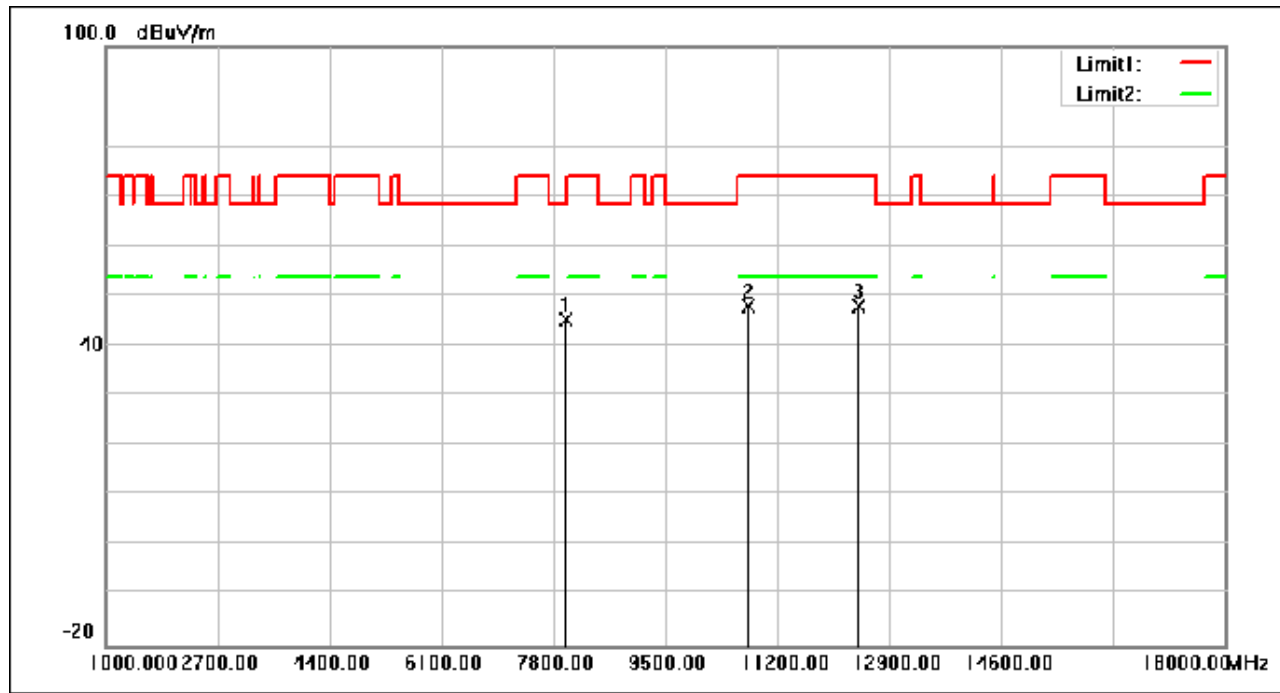
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7987.680	55.95	-10.62	45.33	68.30	-22.97	peak
2	10765.480	54.82	-6.88	47.94	74.00	-26.06	peak
3	12430.120	54.03	-6.08	47.95	74.00	-26.05	peak

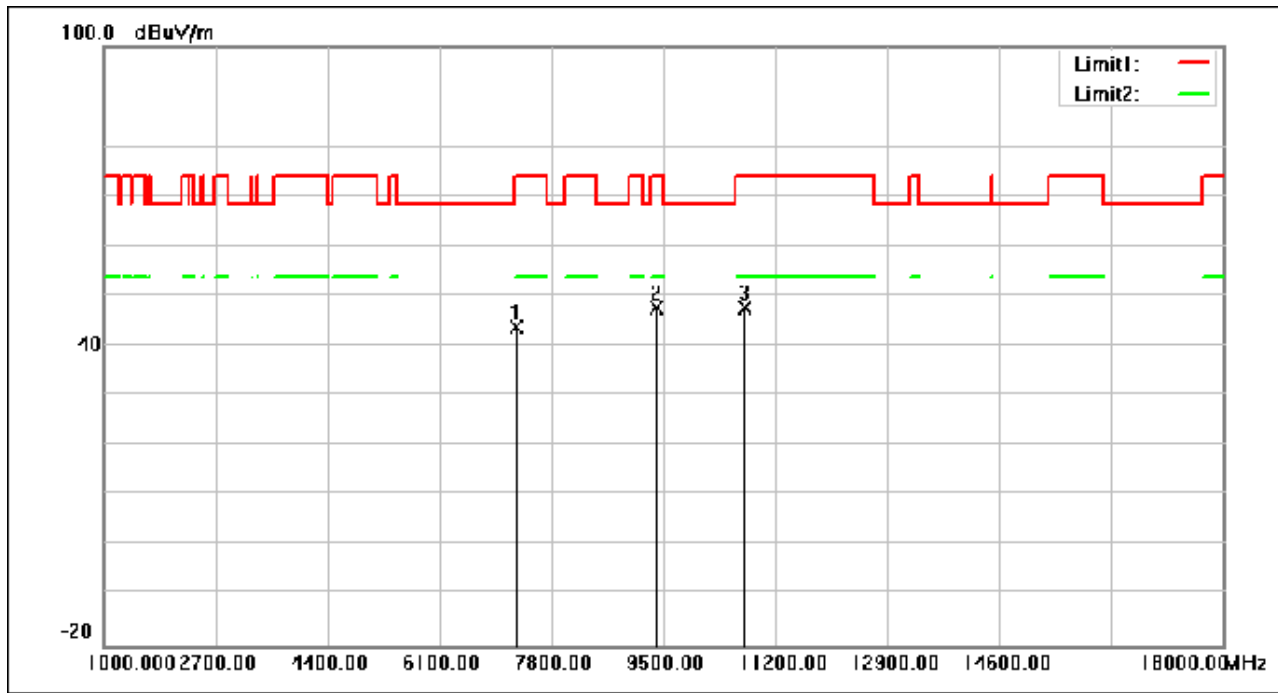
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Test Mode: 09; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7288.640	55.22	-11.44	43.78	74.00	-30.22	peak
2	9410.240	55.66	-8.12	47.54	74.00	-26.46	peak
3	10746.440	54.55	-6.90	47.65	74.00	-26.35	peak

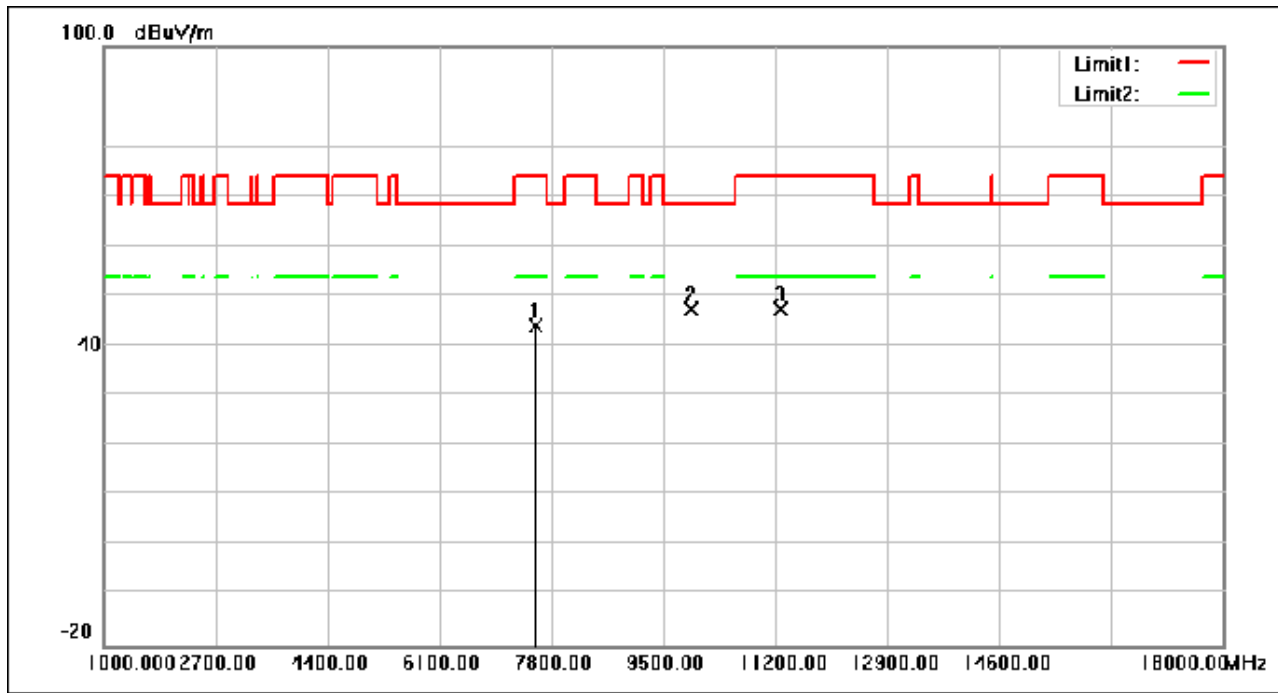
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7575.600	55.18	-11.16	44.02	74.00	-29.98	peak
2	9910.040	54.70	-7.31	47.39	68.30	-20.91	peak
3	11295.880	53.99	-6.52	47.47	74.00	-26.53	peak

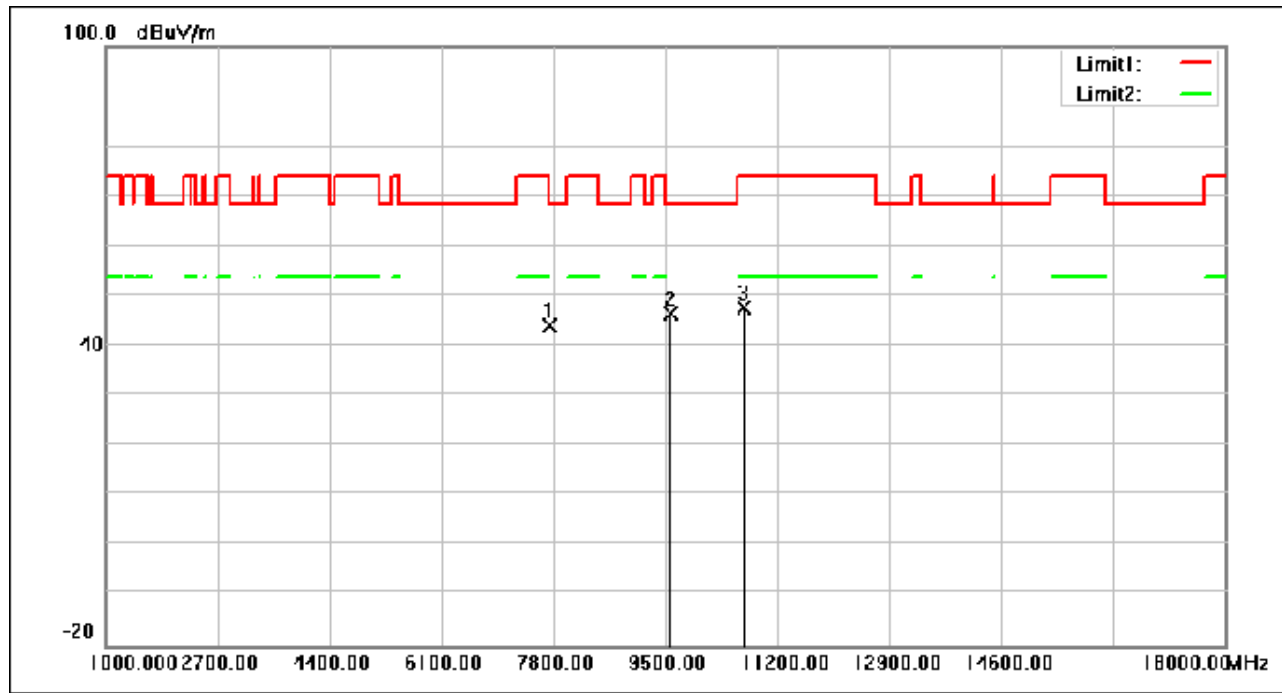
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7752.400	55.05	-10.93	44.12	68.30	-24.18	peak
2	9592.480	54.12	-7.78	46.34	68.30	-21.96	peak
3	10700.880	54.48	-6.92	47.56	74.00	-26.44	peak

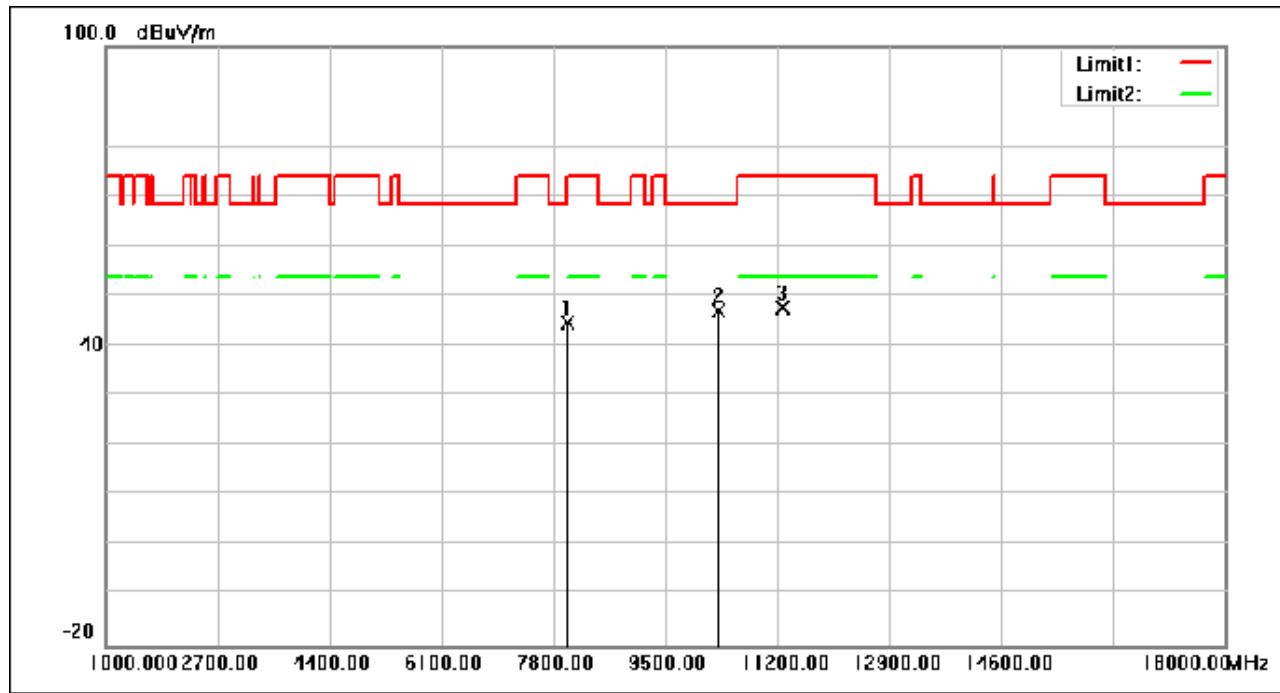
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8018.280	55.20	-10.56	44.64	68.30	-23.66	peak
2	10312.600	54.22	-7.15	47.07	68.30	-21.23	peak
3	11293.840	54.19	-6.53	47.66	74.00	-26.34	peak

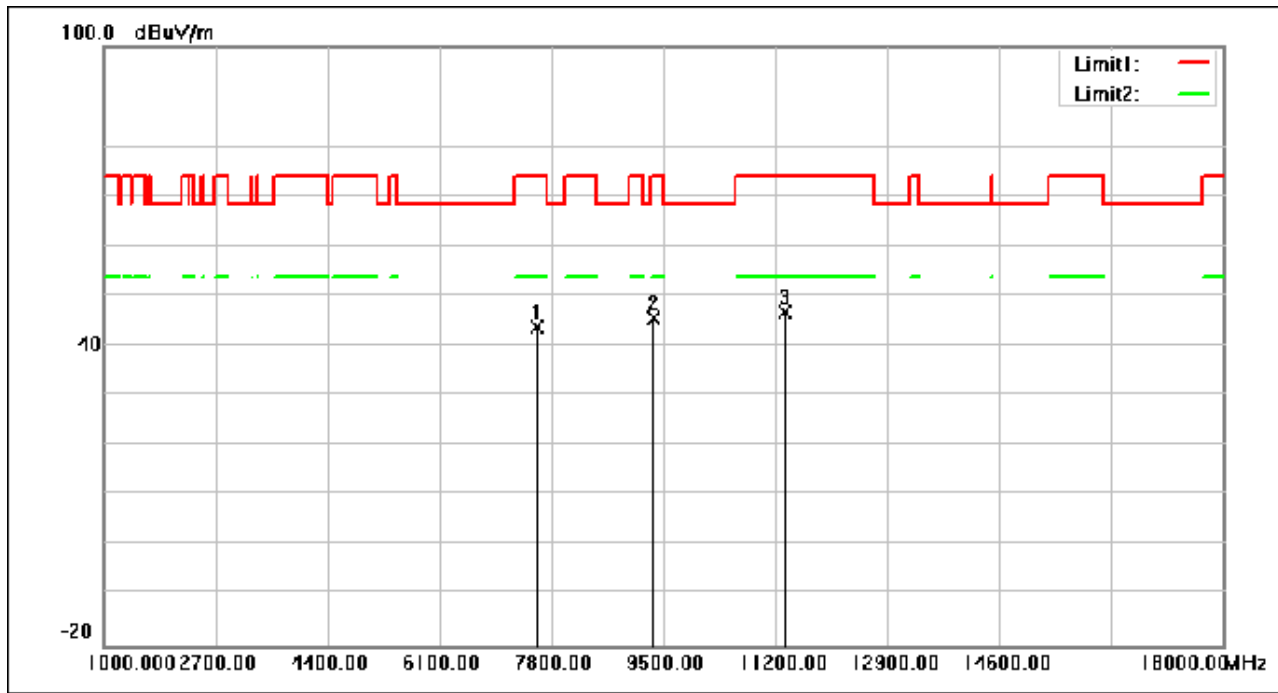
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7588.520	54.79	-11.14	43.65	74.00	-30.35	peak
2	9356.520	53.83	-8.23	45.60	74.00	-28.40	peak
3	11367.280	53.36	-6.46	46.90	74.00	-27.10	peak

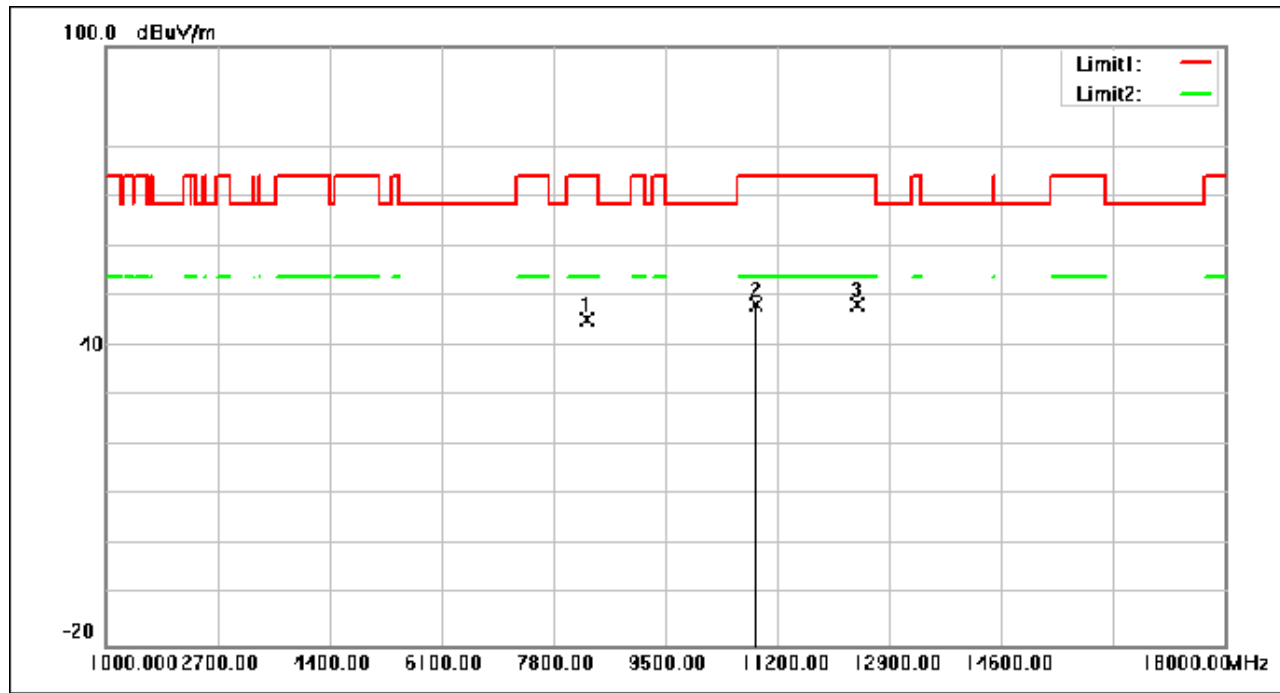
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8325.640	55.14	-10.04	45.10	74.00	-28.90	peak
2	10880.400	55.04	-6.82	48.22	74.00	-25.78	peak
3	12417.880	54.24	-6.08	48.16	74.00	-25.84	peak

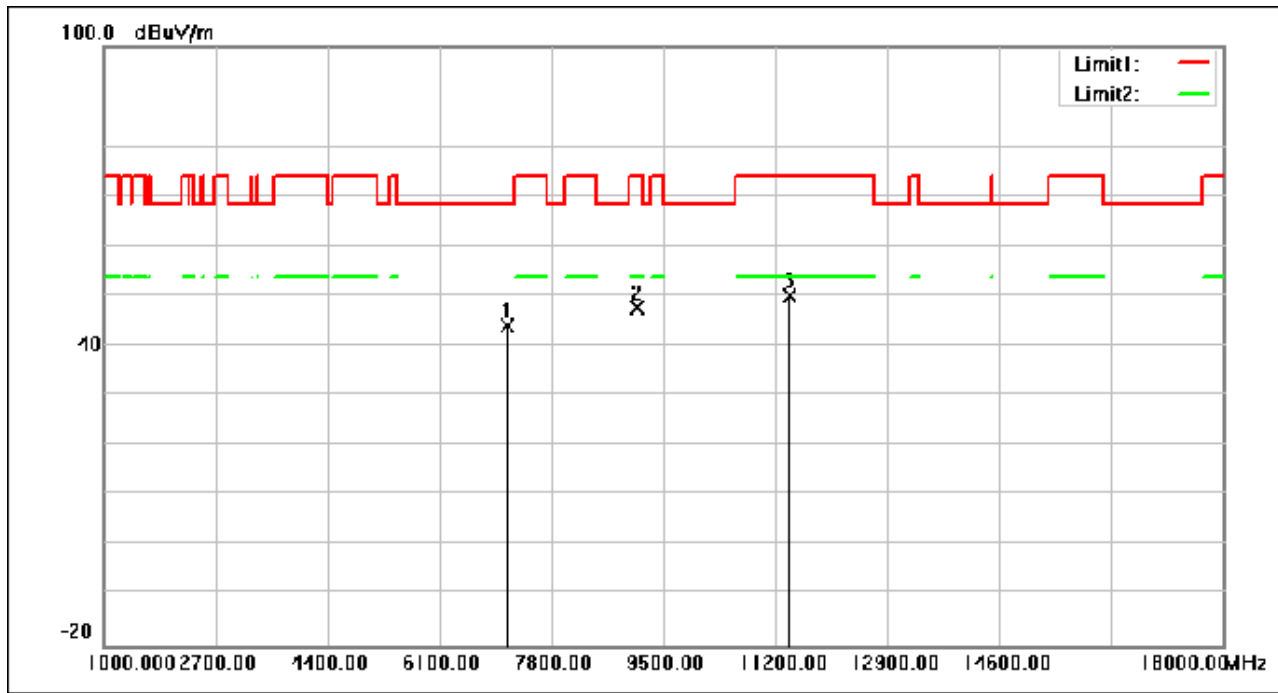
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Test Mode: 09; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7143.120	55.62	-11.50	44.12	68.30	-24.18	peak
2	9119.880	56.25	-8.67	47.58	74.00	-26.42	peak
3	11412.840	56.48	-6.43	50.05	74.00	-23.95	peak

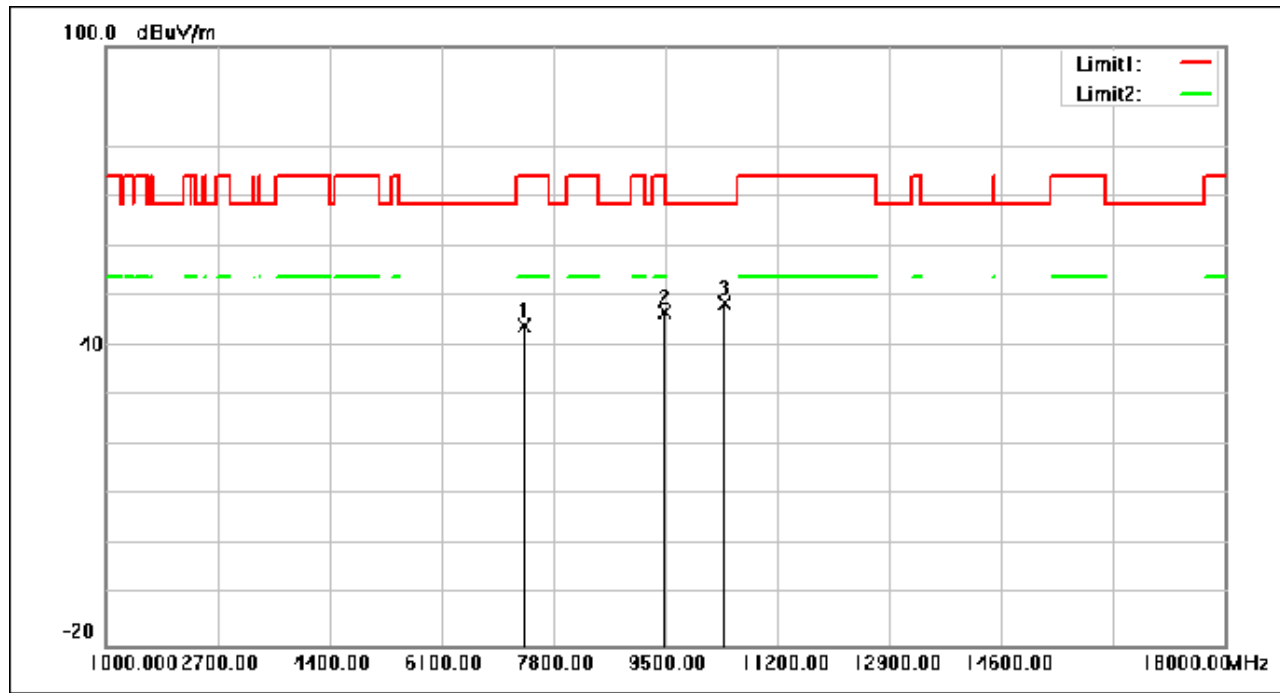
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7358.000	55.56	-11.41	44.15	74.00	-29.85	peak
2	9495.920	54.72	-7.96	46.76	74.00	-27.24	peak
3	10407.800	55.62	-7.09	48.53	68.30	-19.77	peak

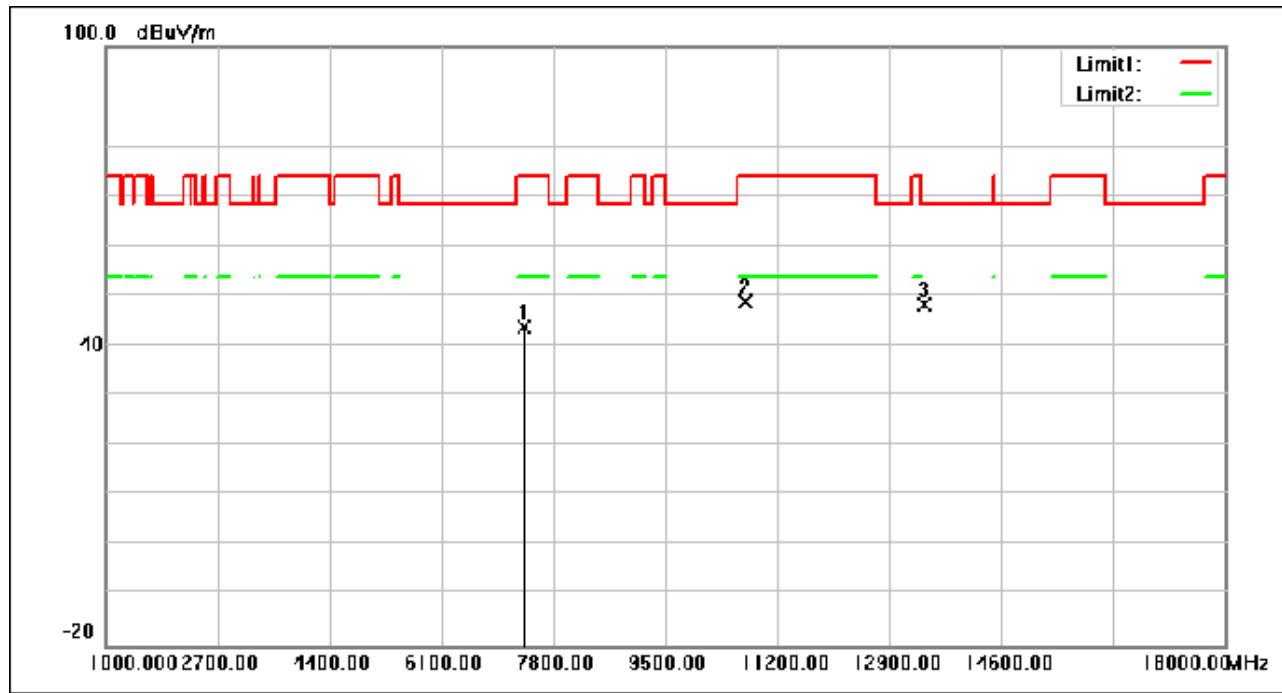
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7369.560	55.14	-11.40	43.74	74.00	-30.26	peak
2	10708.360	55.67	-6.91	48.76	74.00	-25.24	peak
3	13433.800	54.58	-6.33	48.25	68.30	-20.05	peak

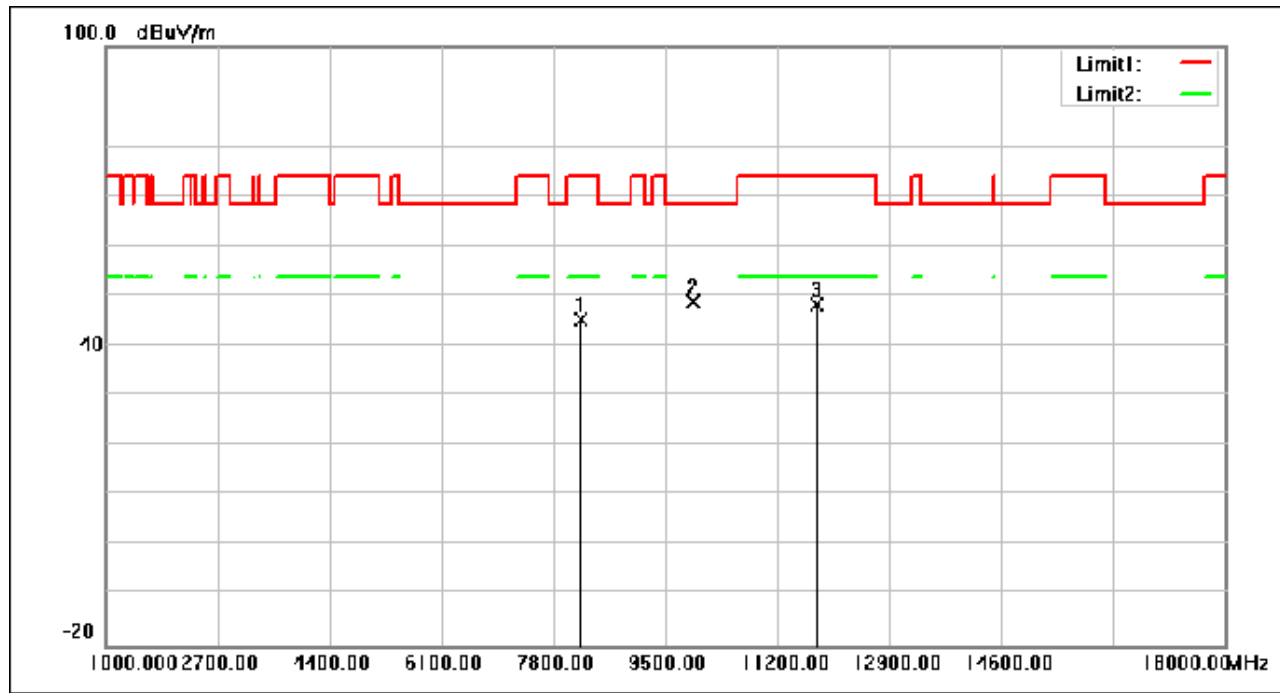
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8212.760	55.35	-10.23	45.12	74.00	-28.88	peak
2	9911.400	56.24	-7.31	48.93	68.30	-19.37	peak
3	11803.160	54.50	-6.12	48.38	74.00	-25.62	peak

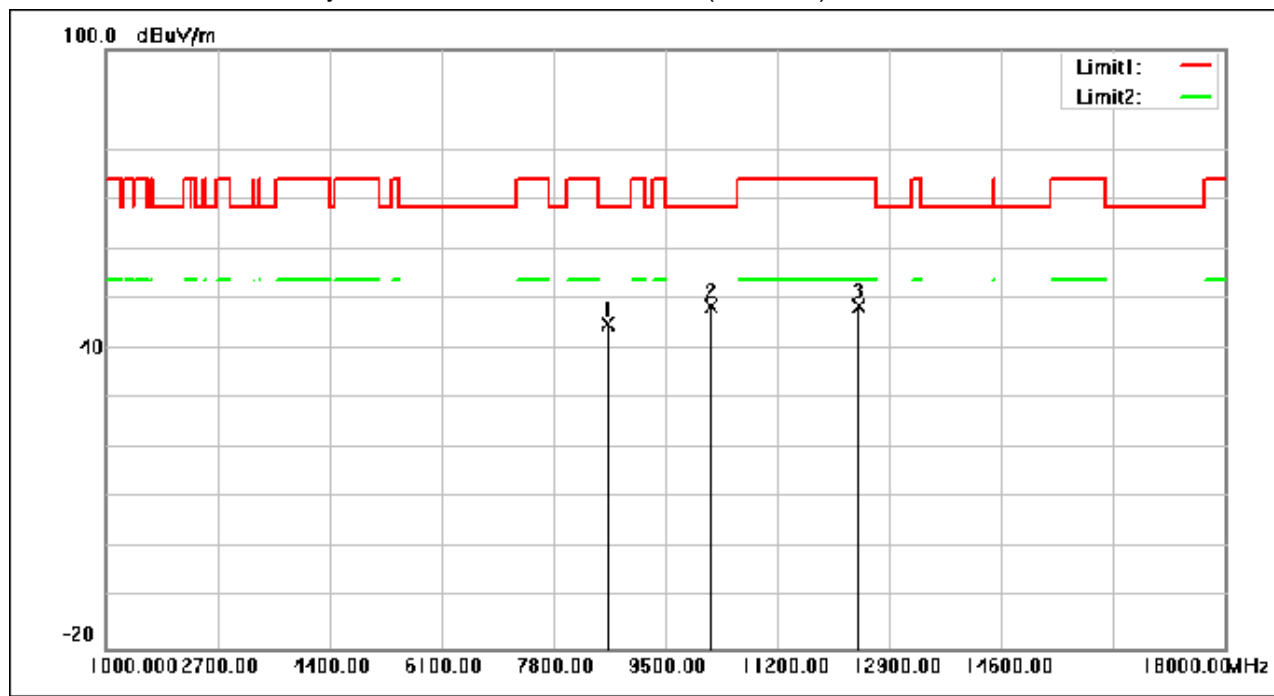
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8628.240	54.49	-9.54	44.95	68.30	-23.35	peak
2	10209.240	55.89	-7.20	48.69	68.30	-19.61	peak
3	12445.080	54.77	-6.09	48.68	74.00	-25.32	peak

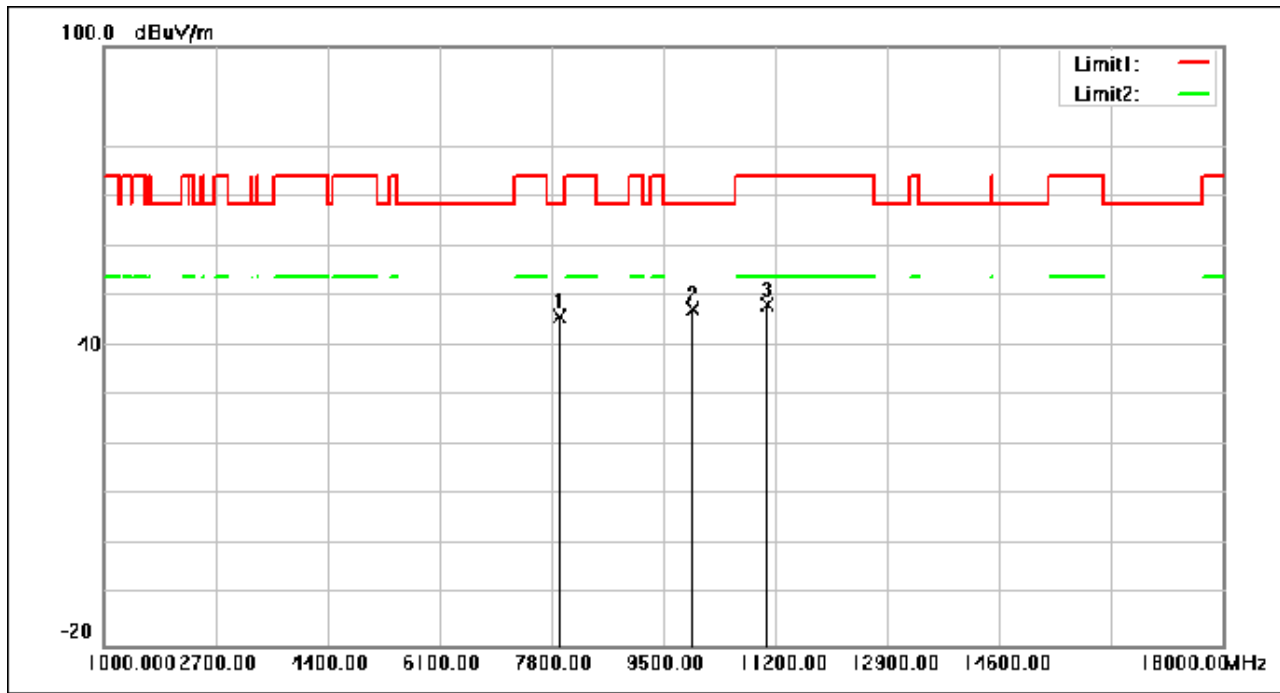
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7919.680	56.48	-10.70	45.78	68.30	-22.52	peak
2	9943.360	54.71	-7.31	47.40	68.30	-20.90	peak
3	11067.400	54.93	-6.71	48.22	74.00	-25.78	peak

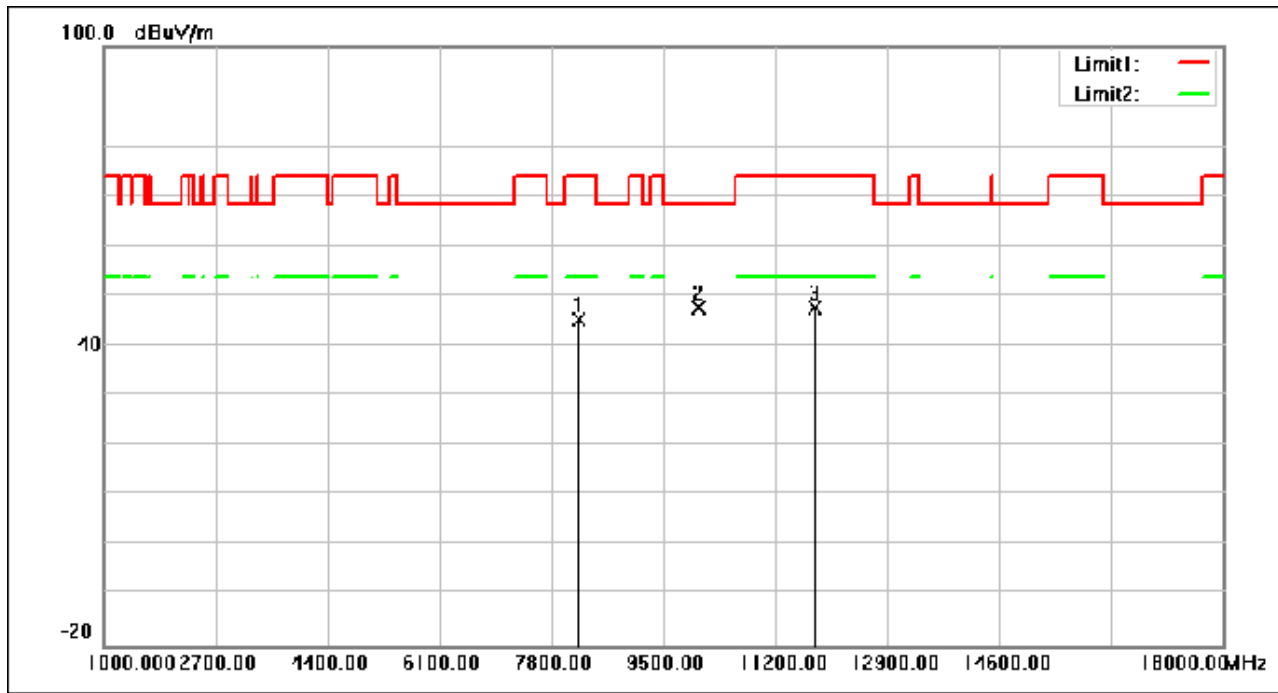
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Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8237.240	55.32	-10.19	45.13	74.00	-28.87	peak
2	10041.280	54.81	-7.30	47.51	68.30	-20.79	peak
3	11803.160	53.72	-6.12	47.60	74.00	-26.40	peak

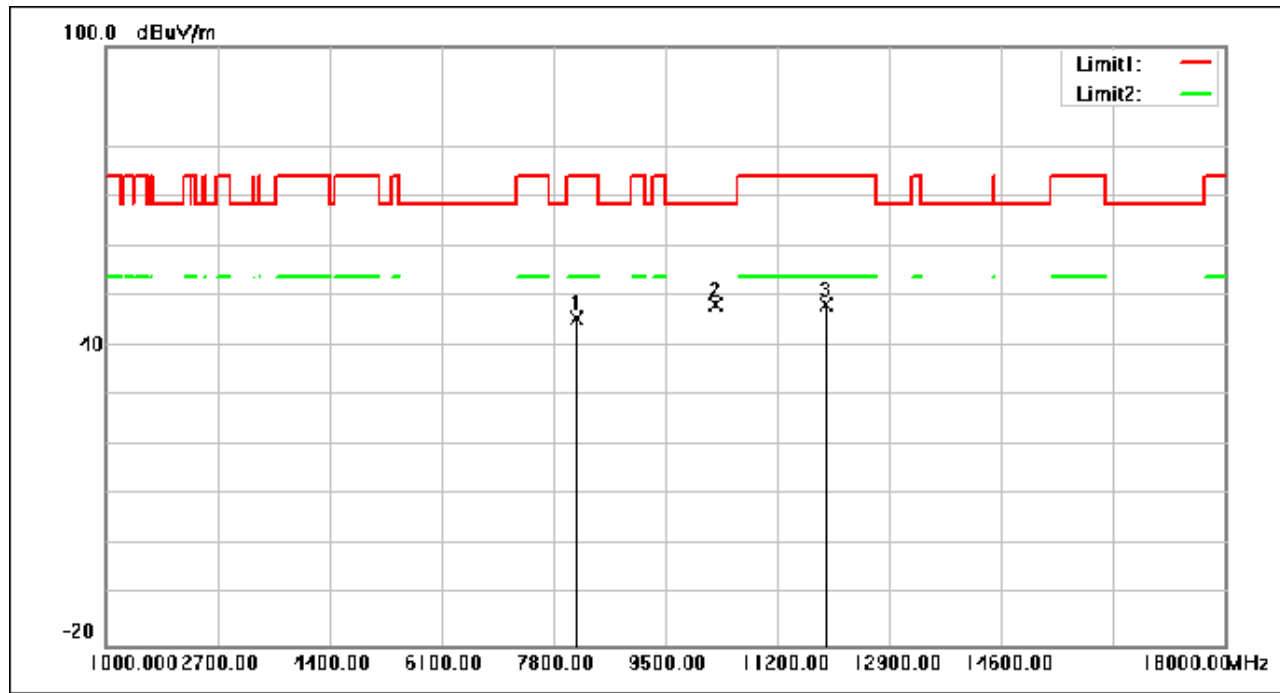
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8142.720	55.76	-10.35	45.41	74.00	-28.59	peak
2	10256.160	55.57	-7.18	48.39	68.30	-19.91	peak
3	11941.880	54.15	-5.98	48.17	74.00	-25.83	peak

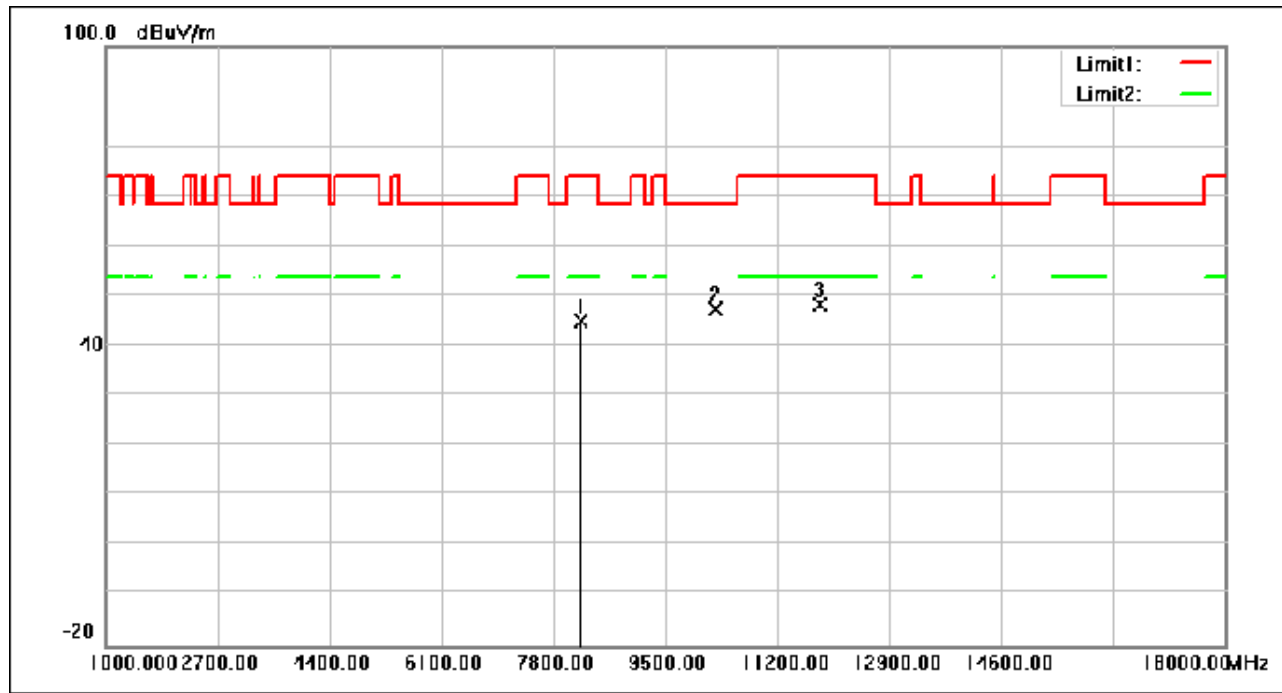
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Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8239.960	55.22	-10.18	45.04	74.00	-28.96	peak
2	10256.160	54.39	-7.18	47.21	68.30	-21.09	peak
3	11846.680	54.38	-6.08	48.30	74.00	-25.70	peak

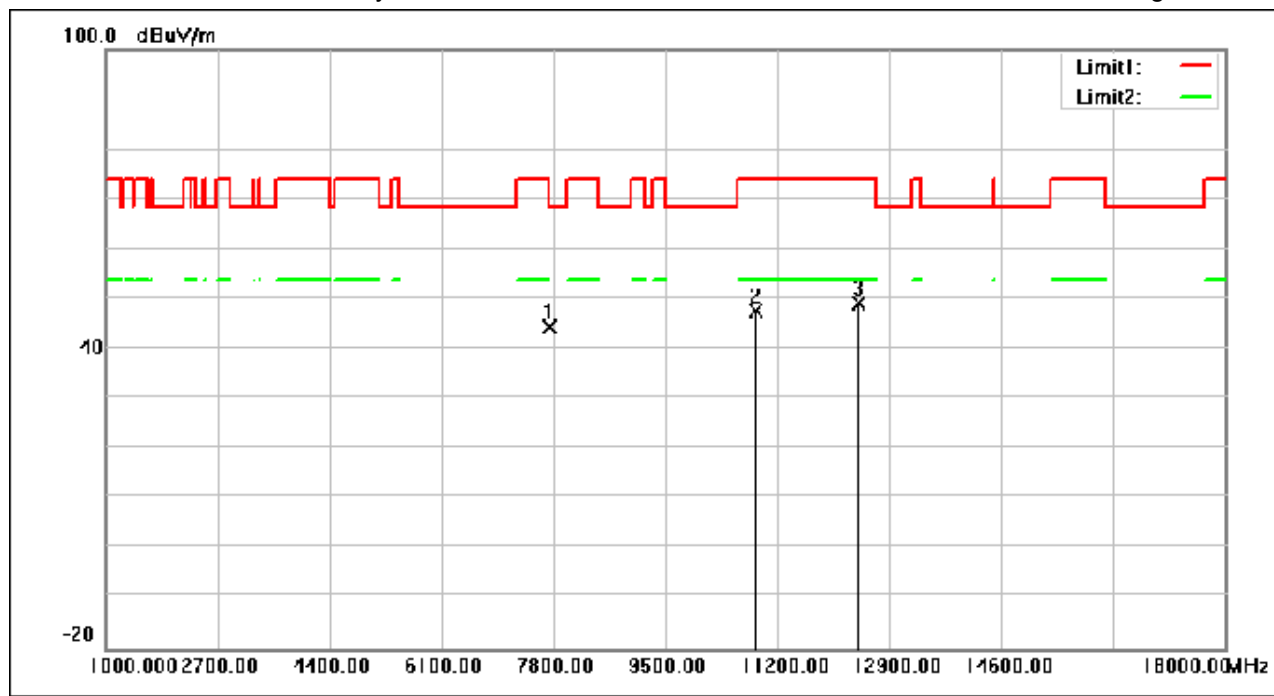
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7739.480	55.18	-10.95	44.23	74.00	-29.77	peak
2	10881.080	54.36	-6.82	47.54	74.00	-26.46	peak
3	12444.400	55.26	-6.09	49.17	74.00	-24.83	peak

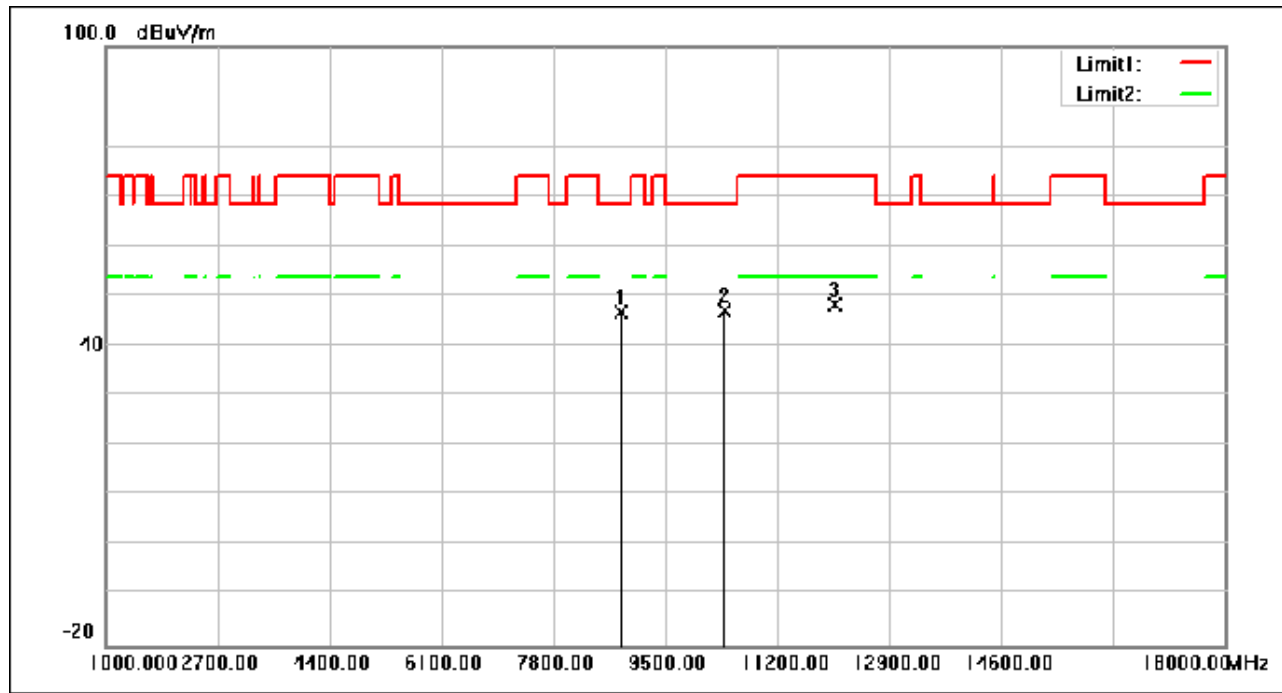
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Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8840.400	55.93	-9.19	46.74	68.30	-21.56	peak
2	10403.040	54.27	-7.10	47.17	68.30	-21.13	peak
3	12067.680	54.24	-5.91	48.33	74.00	-25.67	peak

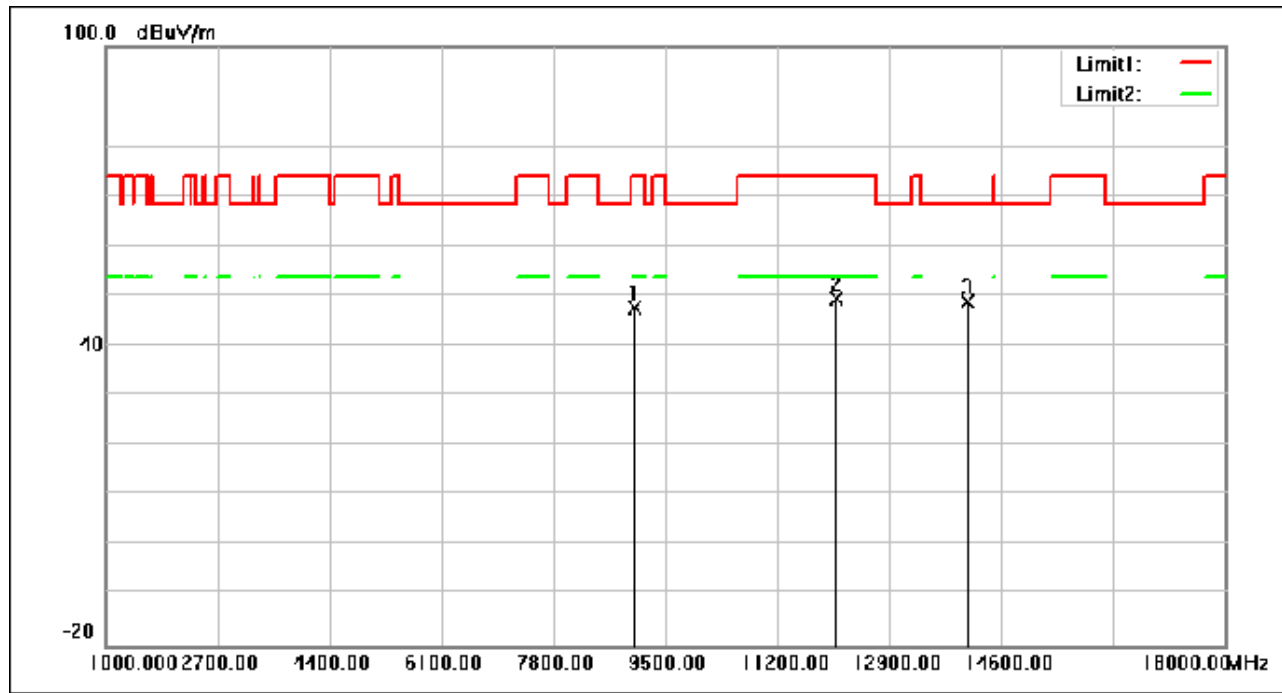
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9053.920	56.49	-8.80	47.69	74.00	-26.31	peak
2	12085.360	55.30	-5.92	49.38	74.00	-24.62	peak
3	14093.400	55.30	-6.35	48.95	68.30	-19.35	peak

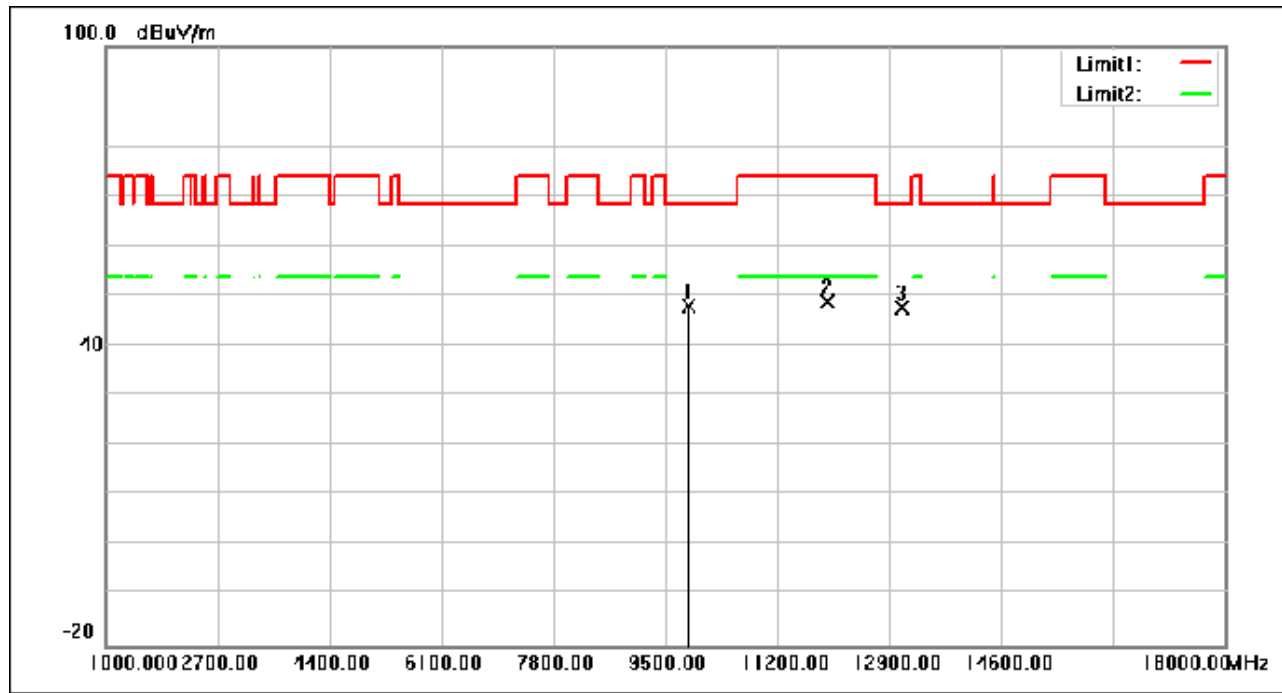
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9848.160	55.25	-7.29	47.96	68.30	-20.34	peak
2	11956.160	54.72	-5.96	48.76	74.00	-25.24	peak
3	13097.200	54.05	-6.28	47.77	68.30	-20.53	peak

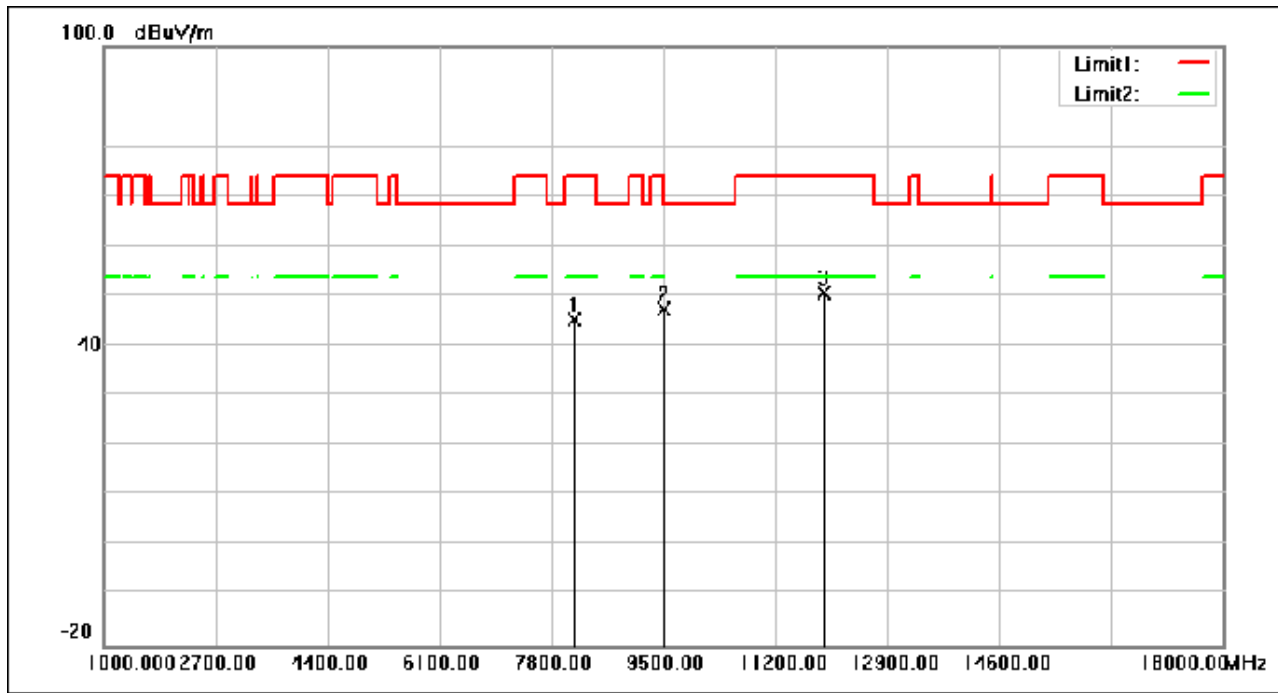
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8149.520	55.57	-10.34	45.23	74.00	-28.77	peak
2	9506.800	55.43	-7.94	47.49	68.30	-20.81	peak
3	11933.720	56.66	-6.00	50.66	74.00	-23.34	peak

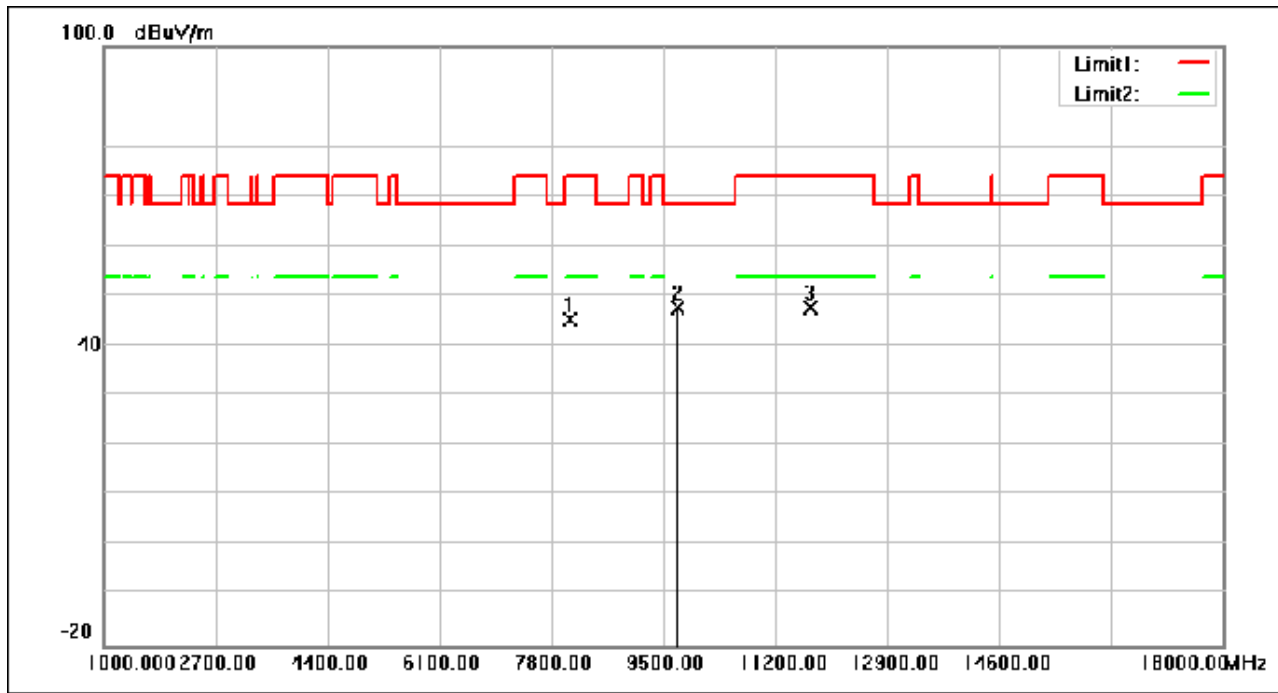
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8081.520	55.62	-10.46	45.16	74.00	-28.84	peak
2	9720.320	55.12	-7.54	47.58	68.30	-20.72	peak
3	11738.560	53.94	-6.17	47.77	74.00	-26.23	peak

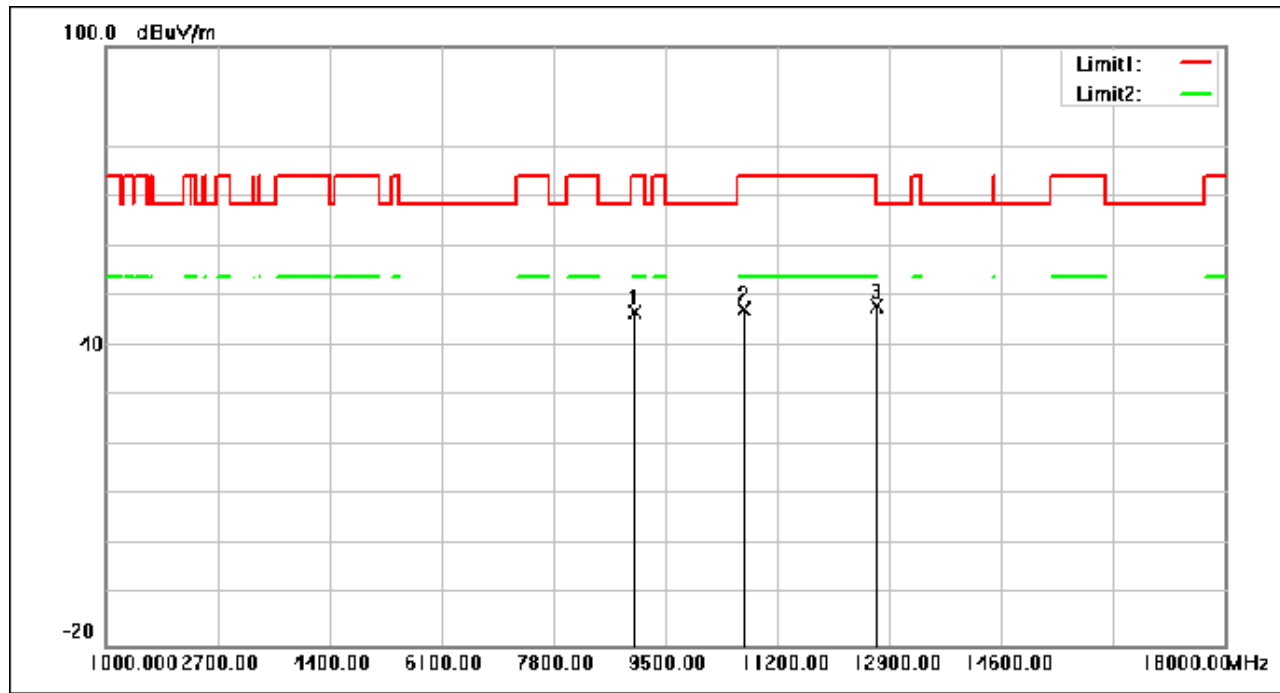
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9027.400	55.72	-8.84	46.88	74.00	-27.12	peak
2	10702.240	54.38	-6.92	47.46	74.00	-26.54	peak
3	12713.680	54.23	-6.22	48.01	68.30	-20.29	peak

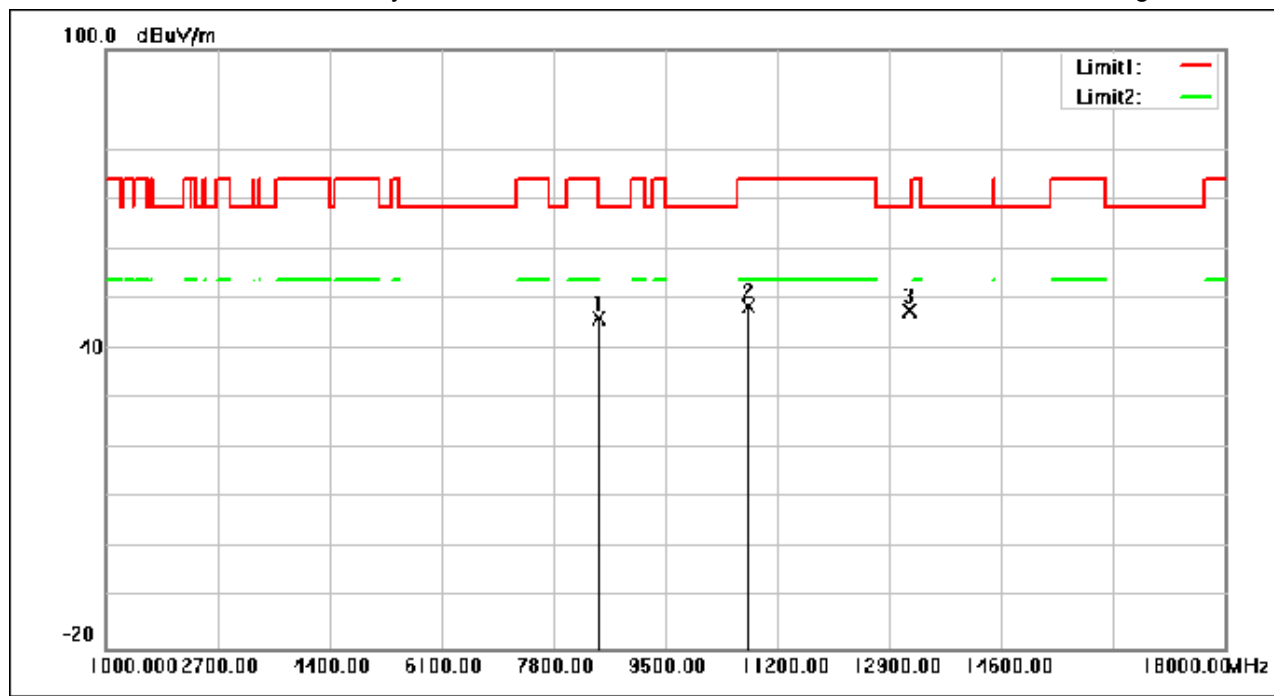
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8506.520	55.86	-9.74	46.12	68.30	-22.18	peak
2	10764.800	55.48	-6.88	48.60	74.00	-25.40	peak
3	13210.080	53.88	-6.29	47.59	68.30	-20.71	peak

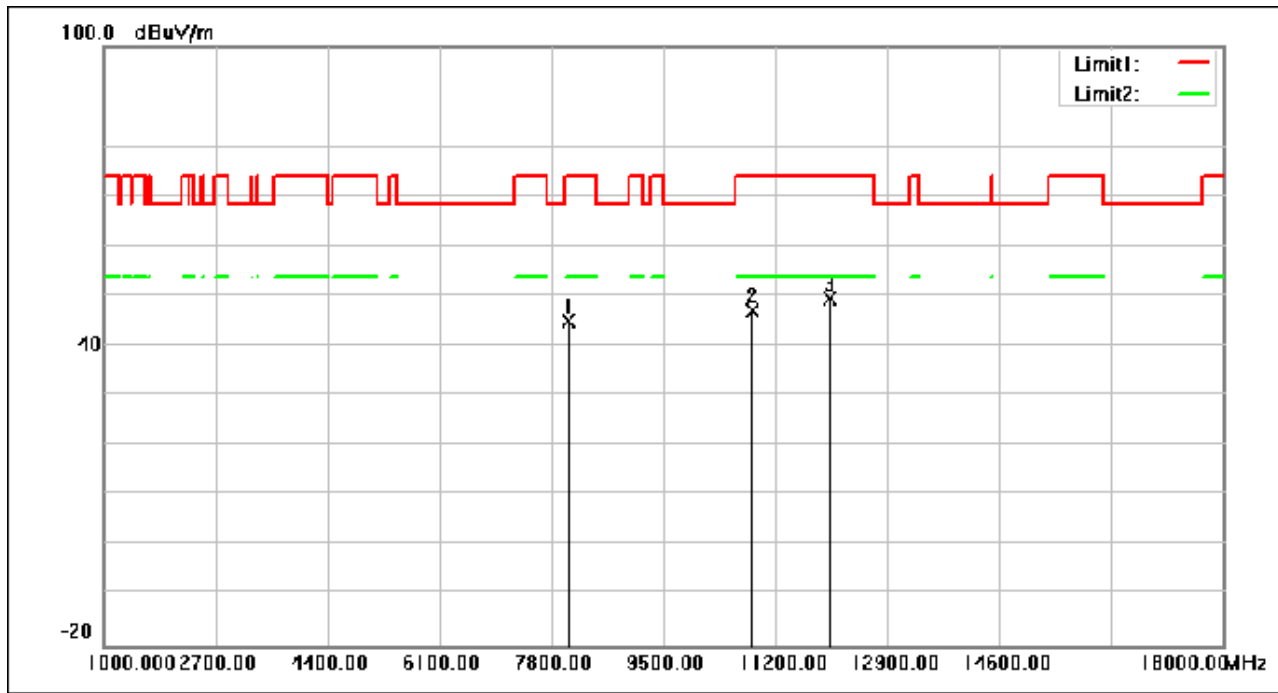
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8067.240	55.48	-10.48	45.00	74.00	-29.00	peak
2	10858.640	53.99	-6.83	47.16	74.00	-26.84	peak
3	12045.240	55.26	-5.91	49.35	74.00	-24.65	peak

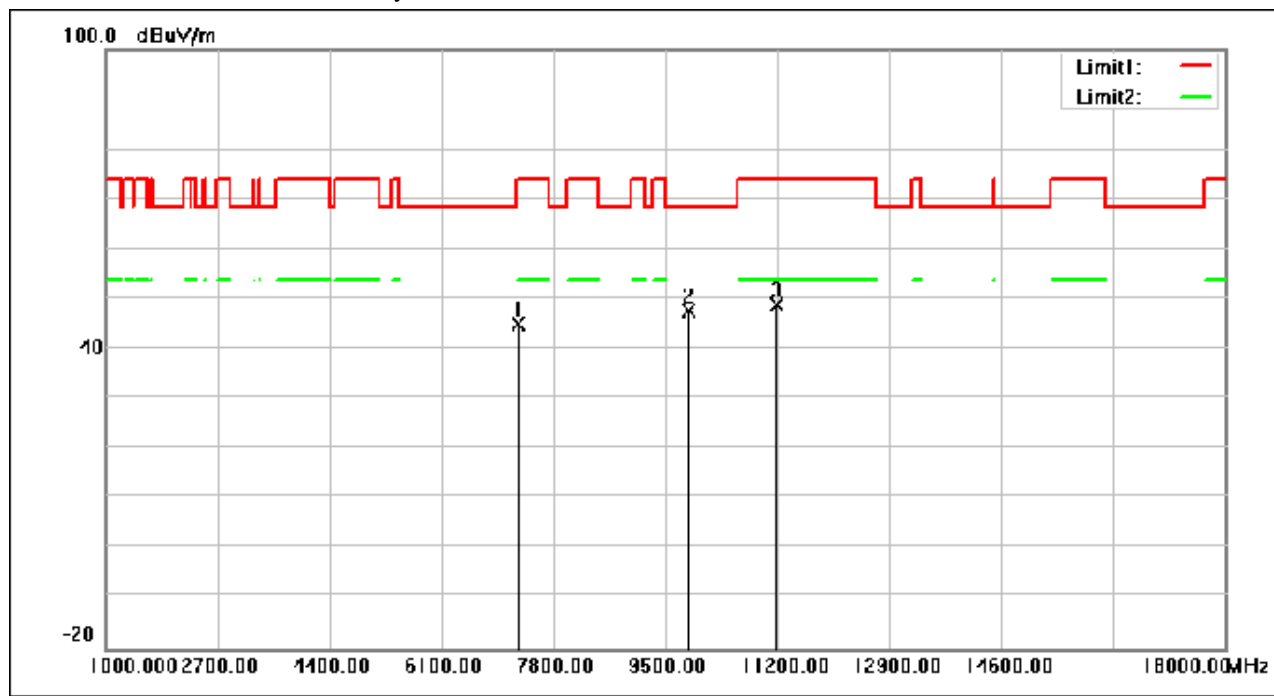
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7281.840	56.47	-11.45	45.02	74.00	-28.98	peak
2	9851.560	55.03	-7.30	47.73	68.30	-20.57	peak
3	11197.280	55.52	-6.60	48.92	74.00	-25.08	peak

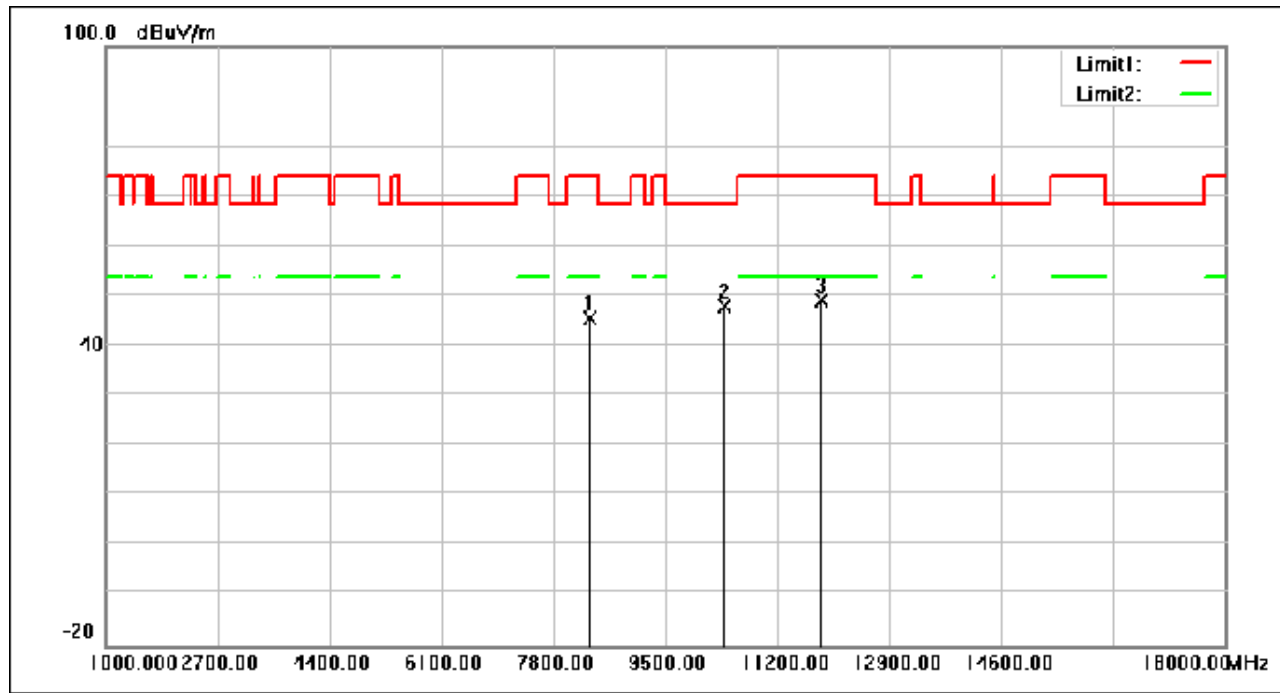
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8377.320	55.41	-9.96	45.45	74.00	-28.55	peak
2	10409.160	55.17	-7.09	48.08	68.30	-20.22	peak
3	11868.440	55.18	-6.06	49.12	74.00	-24.88	peak

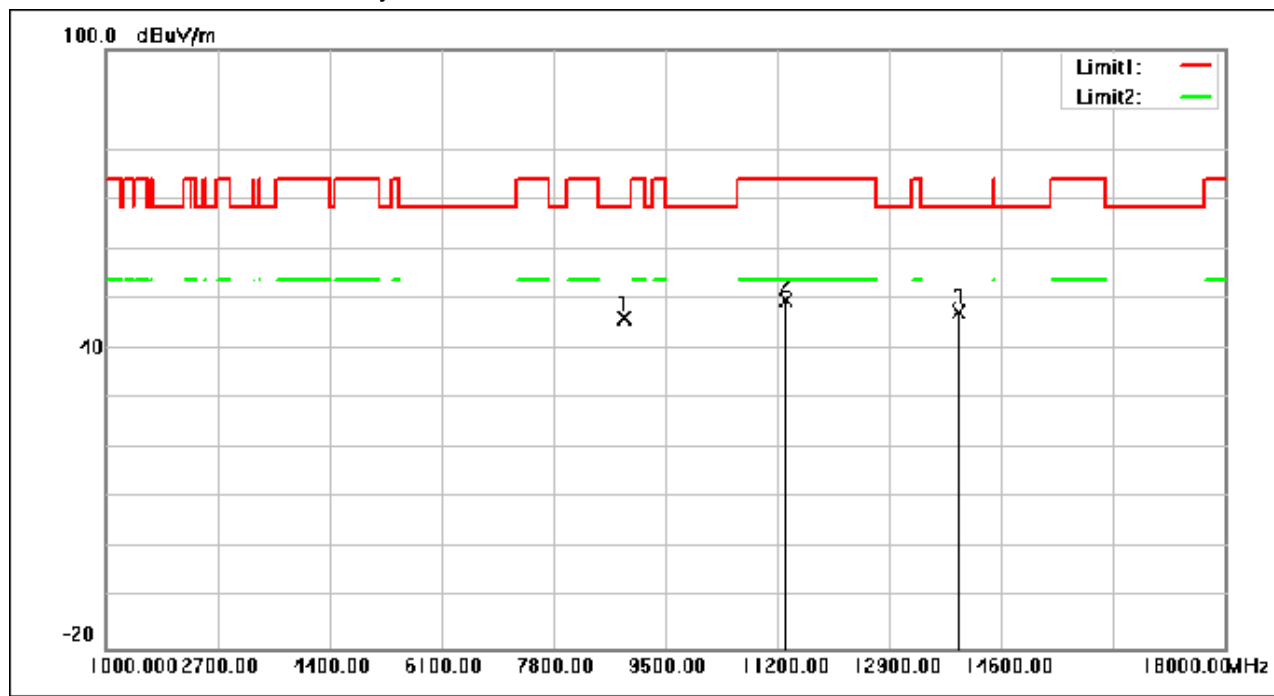
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8884.600	55.19	-9.11	46.08	68.30	-22.22	peak
2	11335.320	56.17	-6.49	49.68	74.00	-24.32	peak
3	13959.440	53.79	-6.42	47.37	68.30	-20.93	peak

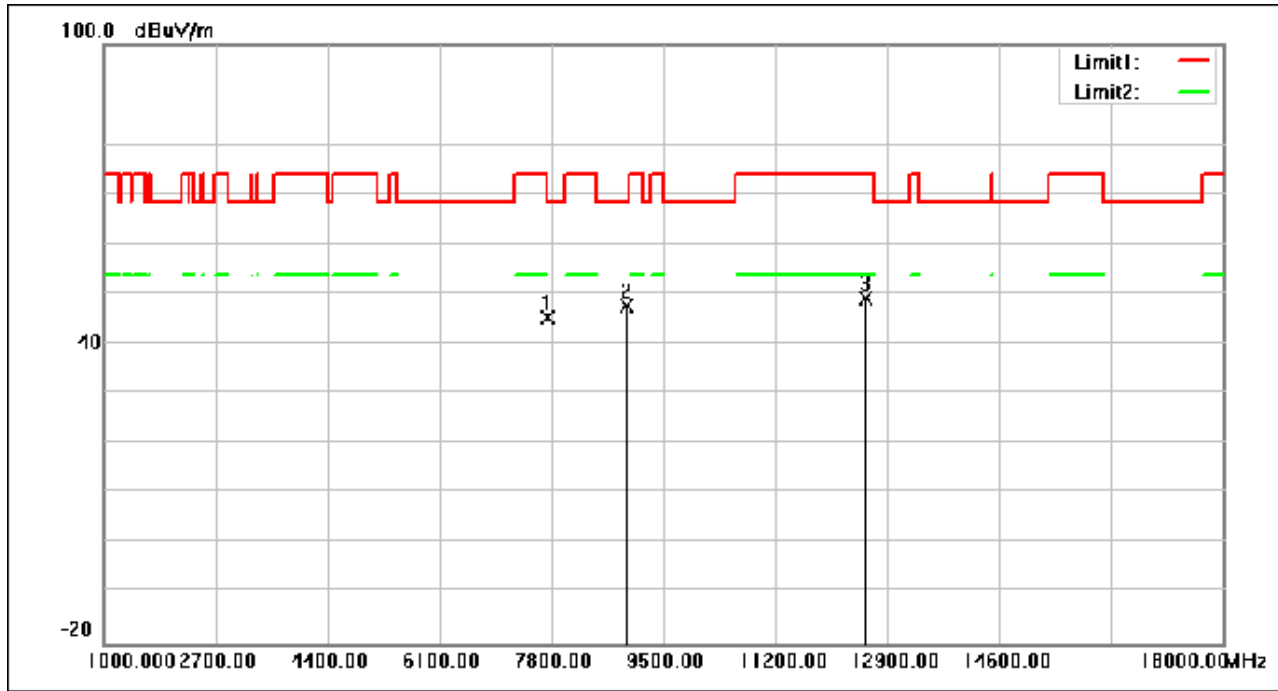
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7745.600	56.32	-10.94	45.38	74.00	-28.62	peak
2	8941.720	56.66	-9.03	47.63	68.30	-20.67	peak
3	12582.440	55.19	-6.15	49.04	74.00	-24.96	peak

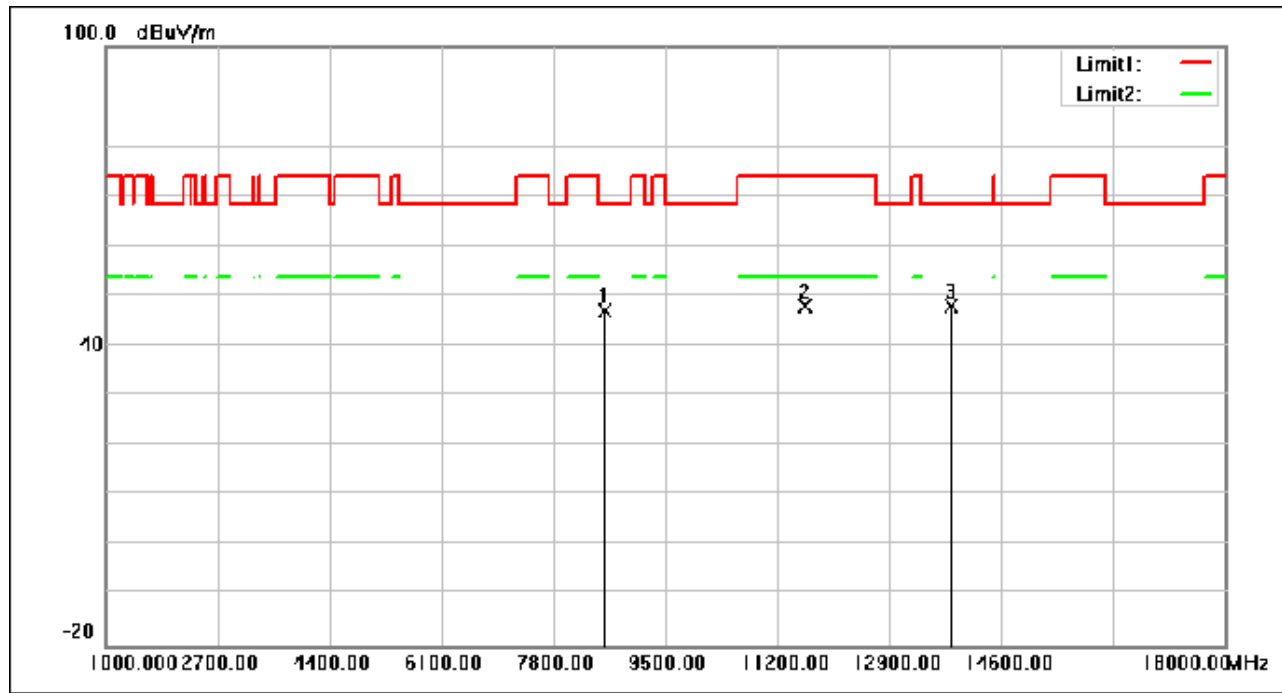
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8598.320	56.67	-9.59	47.08	68.30	-21.22	peak
2	11630.440	54.19	-6.25	47.94	74.00	-26.06	peak
3	13851.320	54.38	-6.40	47.98	68.30	-20.32	peak

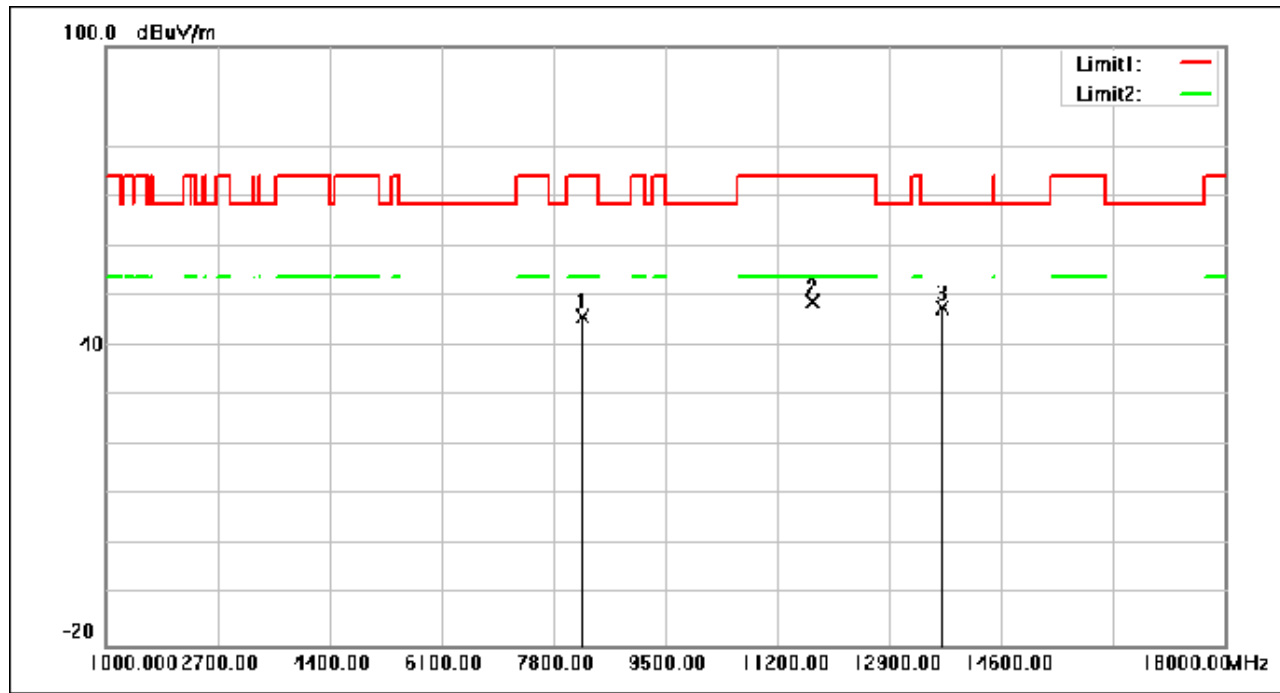
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8242.000	55.95	-10.18	45.77	74.00	-28.23	peak
2	11735.840	54.87	-6.16	48.71	74.00	-25.29	peak
3	13711.240	53.93	-6.38	47.55	68.30	-20.75	peak

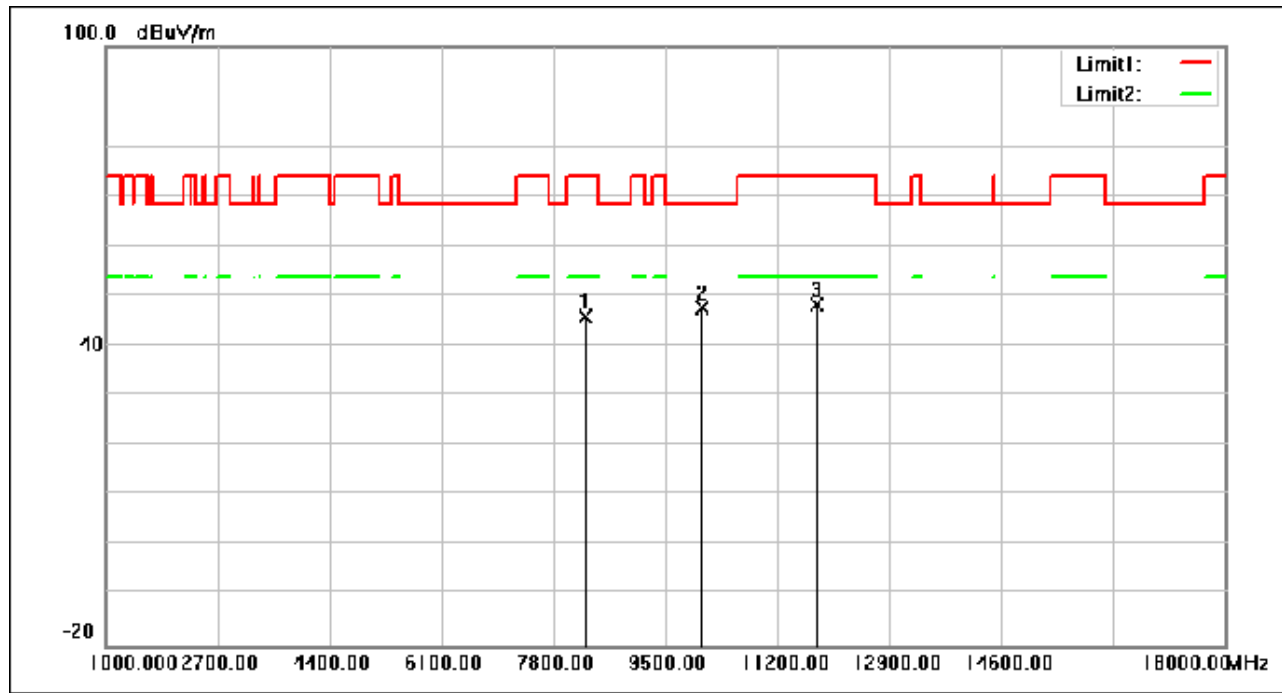
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8305.920	55.96	-10.08	45.88	74.00	-28.12	peak
2	10063.040	55.05	-7.30	47.75	68.30	-20.55	peak
3	11805.200	54.49	-6.11	48.38	74.00	-25.62	peak

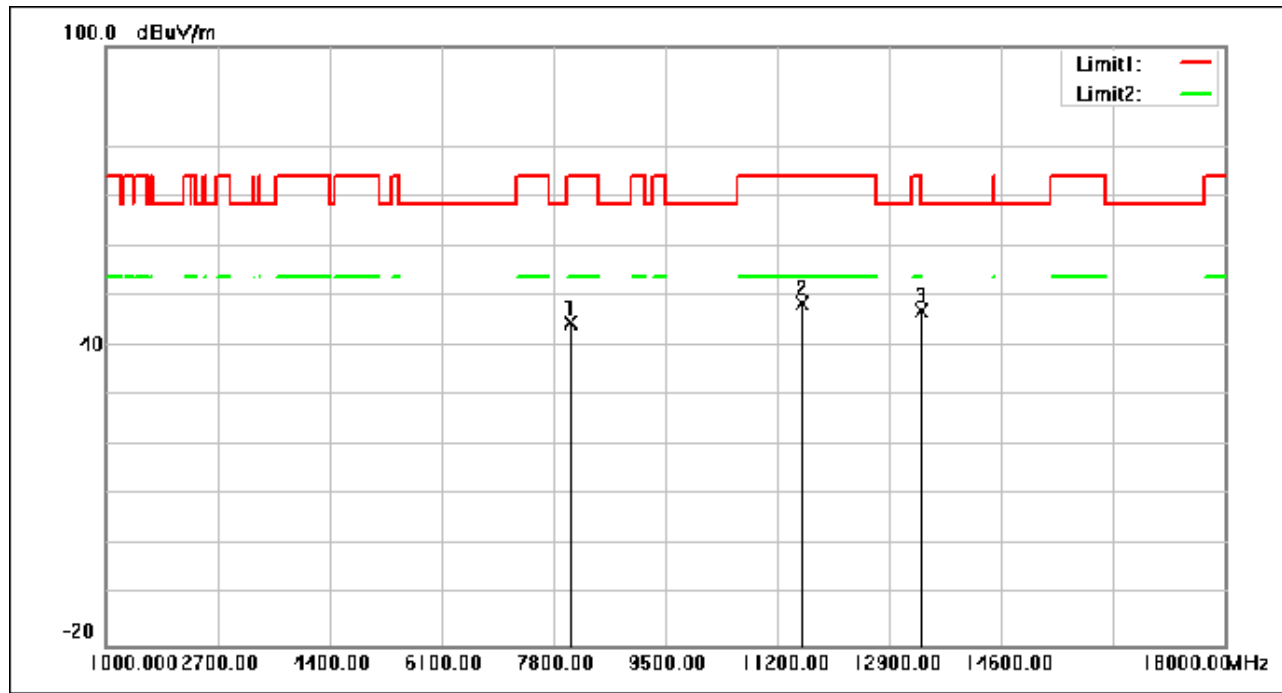
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8065.200	55.05	-10.48	44.57	74.00	-29.43	peak
2	11586.920	54.90	-6.29	48.61	74.00	-25.39	peak
3	13385.520	53.41	-6.32	47.09	74.00	-26.91	peak

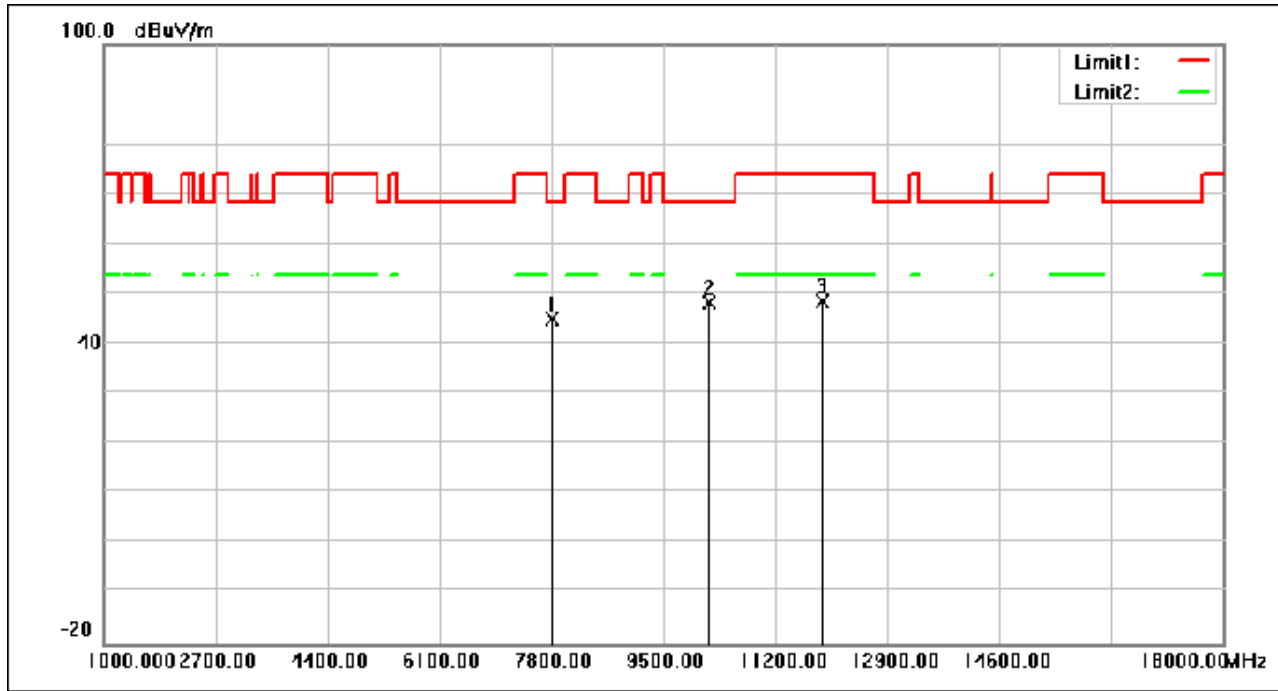
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7819.040	55.90	-10.84	45.06	68.30	-23.24	peak
2	10203.800	55.56	-7.21	48.35	68.30	-19.95	peak
3	11928.280	54.67	-6.00	48.67	74.00	-25.33	peak

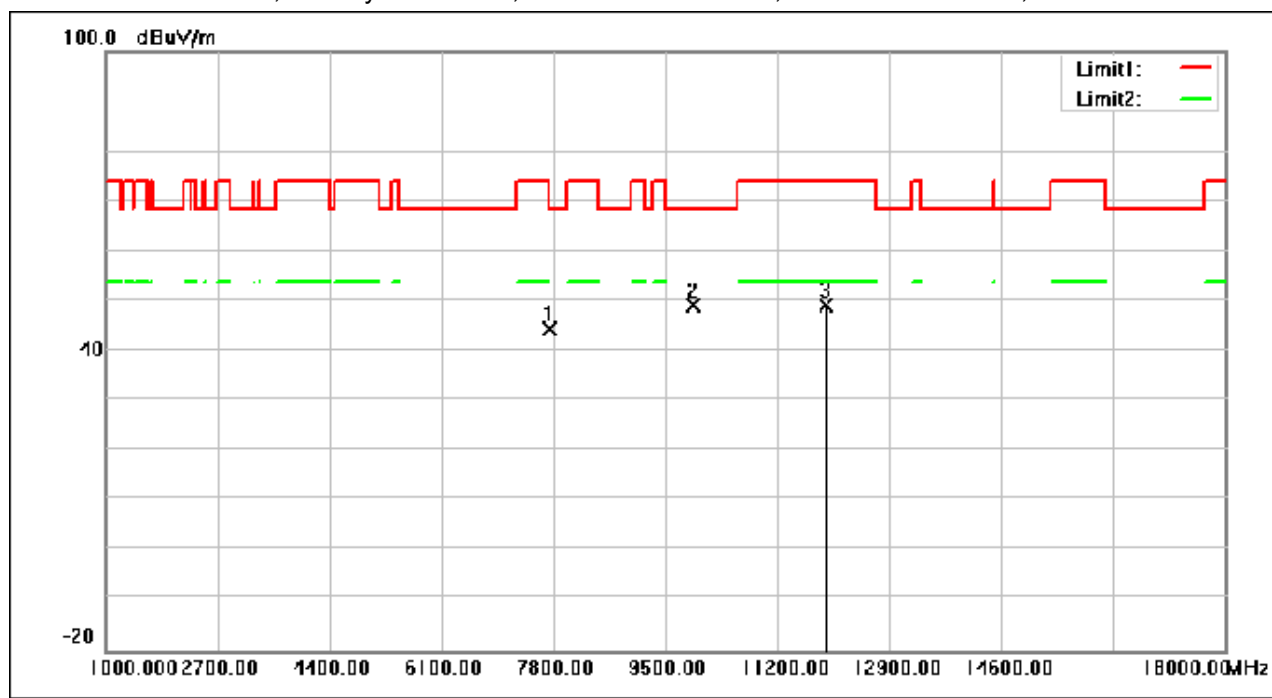
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7750.360	55.31	-10.93	44.38	68.30	-23.92	peak
2	9939.280	56.34	-7.31	49.03	68.30	-19.27	peak
3	11932.360	55.06	-6.00	49.06	74.00	-24.94	peak

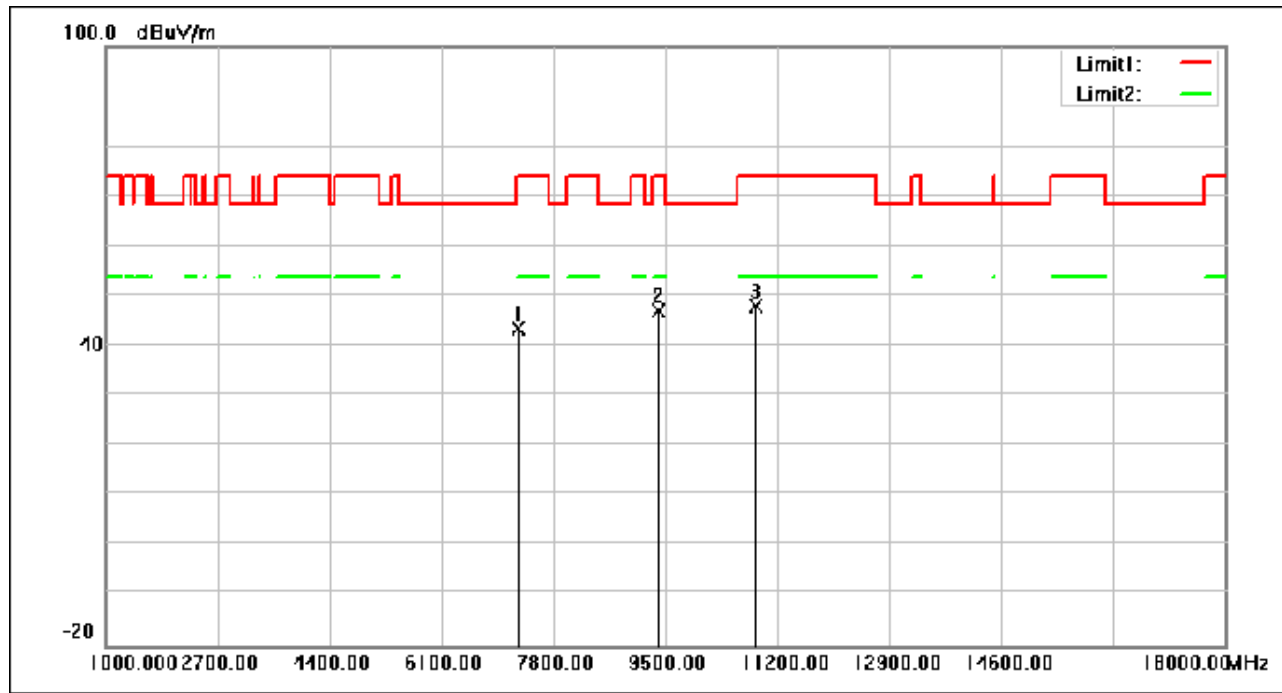
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7289.320	54.87	-11.44	43.43	74.00	-30.57	peak
2	9411.600	55.06	-8.12	46.94	74.00	-27.06	peak
3	10861.360	54.85	-6.84	48.01	74.00	-25.99	peak

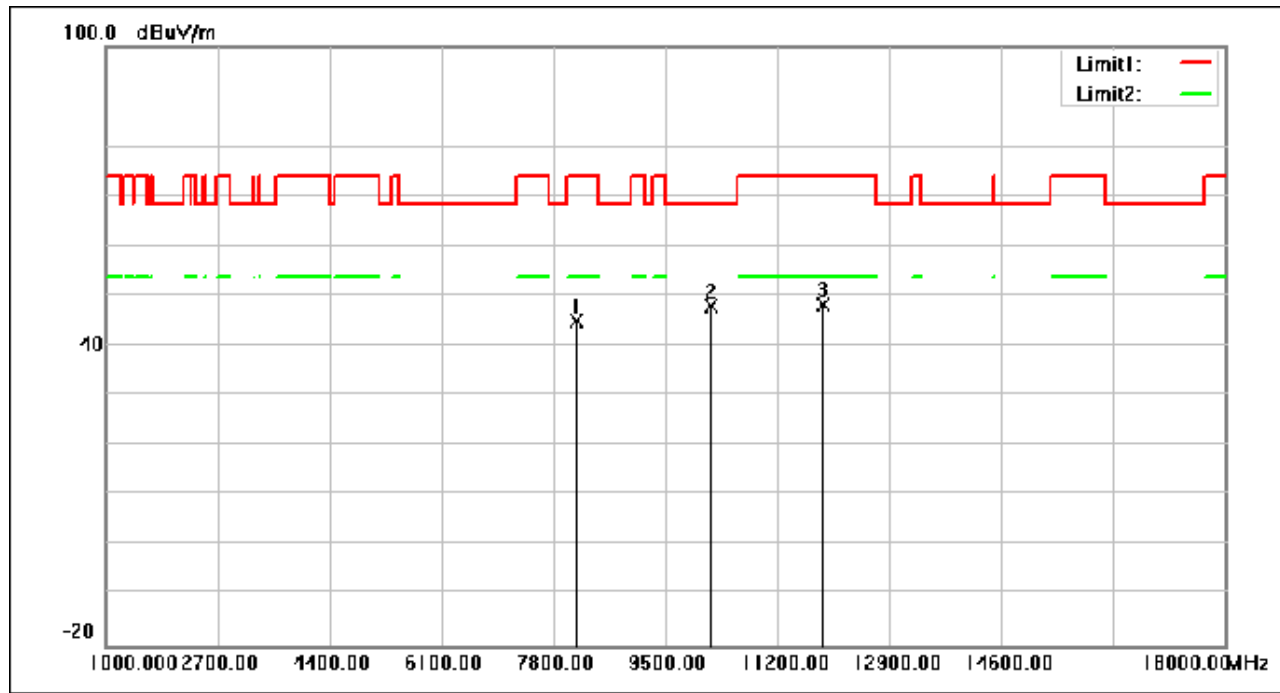
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; 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	8172.640	55.17	-10.30	44.87	74.00	-29.13	peak
2	10195.640	55.16	-7.21	47.95	68.30	-20.35	peak
3	11907.880	54.21	-6.03	48.18	74.00	-25.82	peak

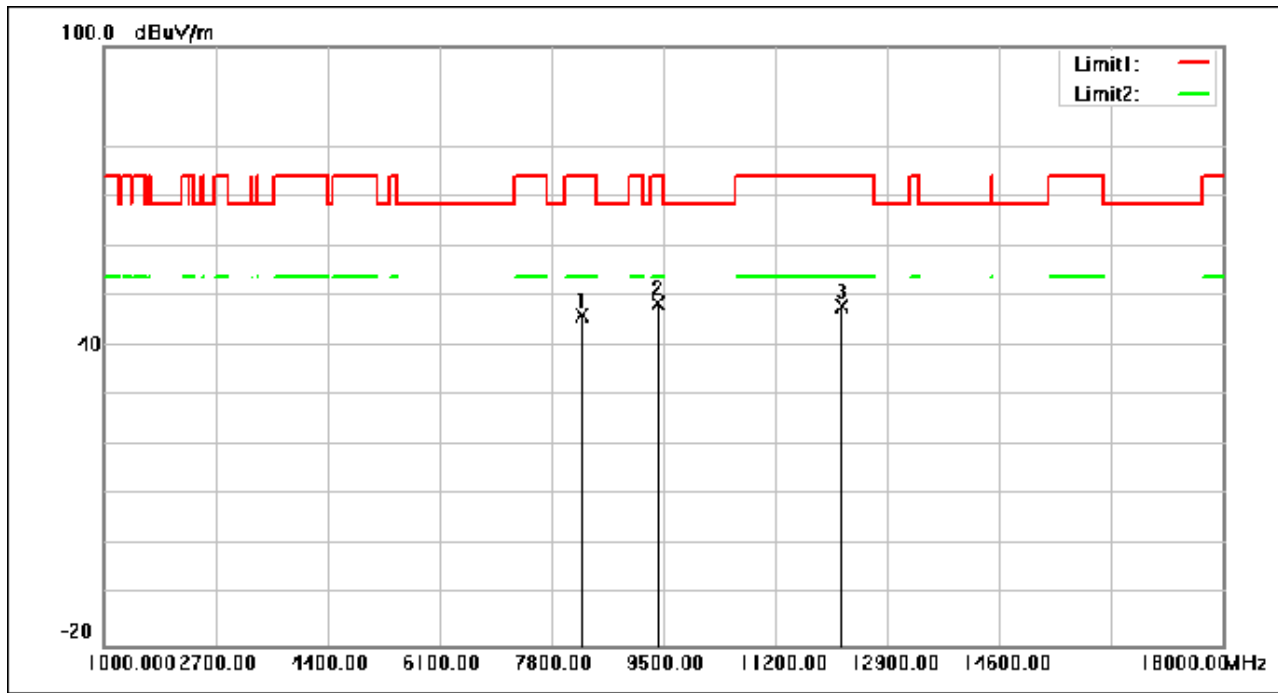
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8268.520	56.29	-10.14	46.15	74.00	-27.85	peak
2	9423.840	56.71	-8.10	48.61	74.00	-25.39	peak
3	12212.520	53.90	-5.98	47.92	74.00	-26.08	peak

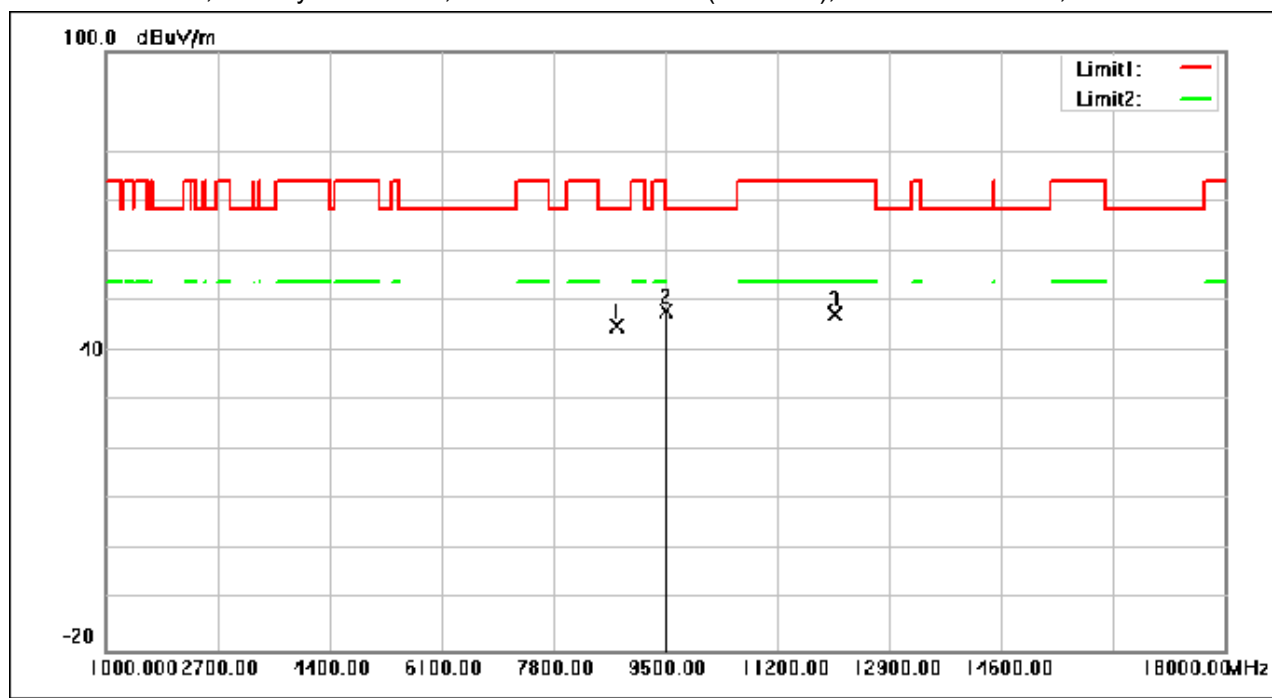
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8754.720	54.30	-9.33	44.97	68.30	-23.33	peak
2	9509.520	55.79	-7.94	47.85	68.30	-20.45	peak
3	12075.840	53.41	-5.92	47.49	74.00	-26.51	peak

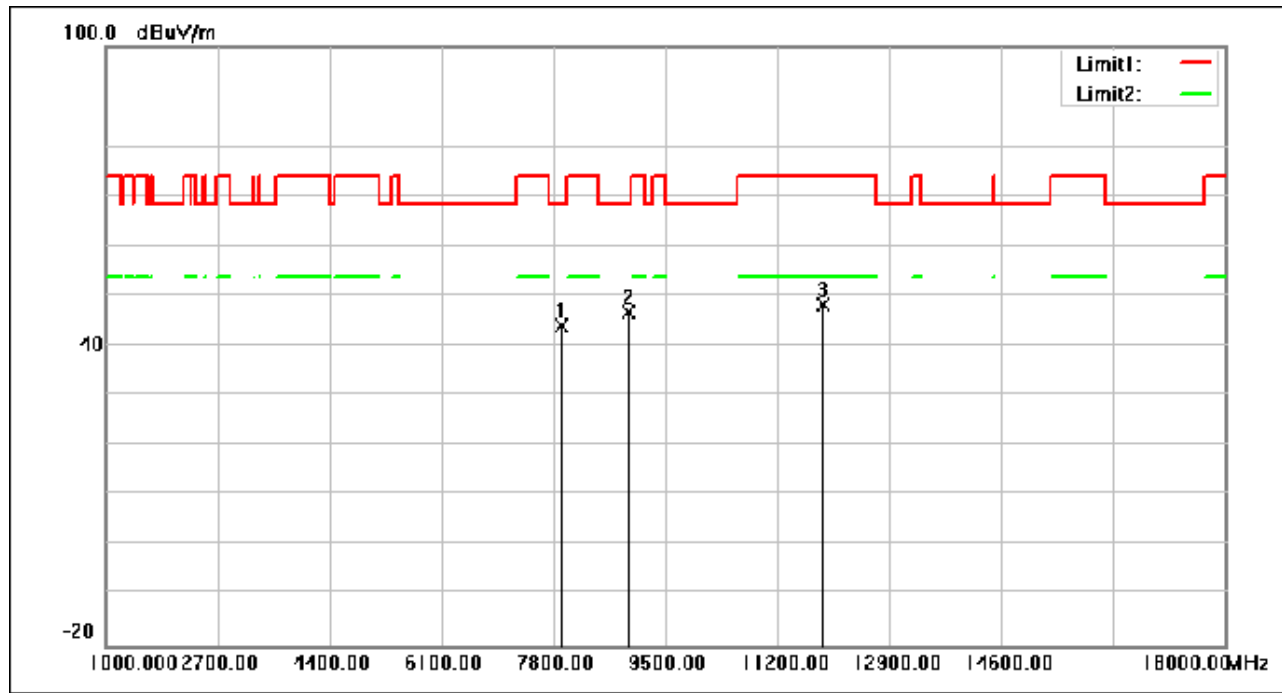
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7925.120	54.81	-10.71	44.10	68.30	-24.20	peak
2	8947.840	55.68	-9.02	46.66	68.30	-21.64	peak
3	11899.720	54.39	-6.04	48.35	74.00	-25.65	peak

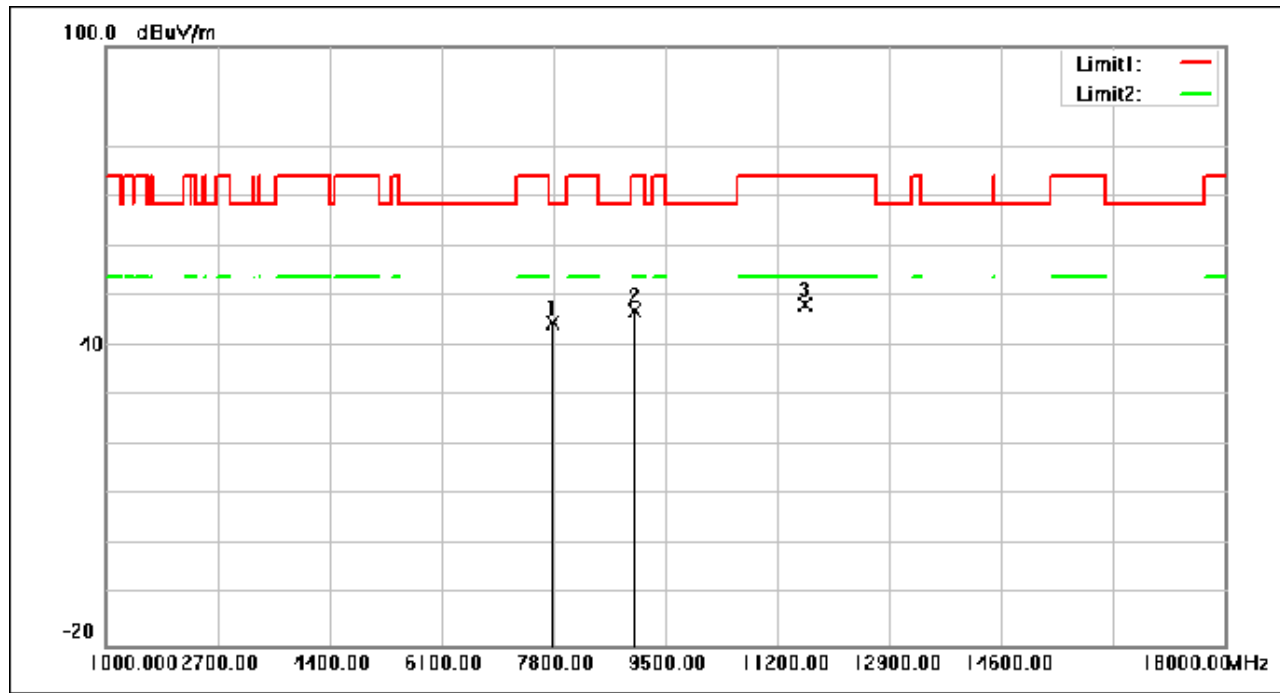
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7785.720	55.67	-10.89	44.78	68.30	-23.52	peak
2	9045.760	55.87	-8.81	47.06	74.00	-26.94	peak
3	11629.760	54.65	-6.25	48.40	74.00	-25.60	peak

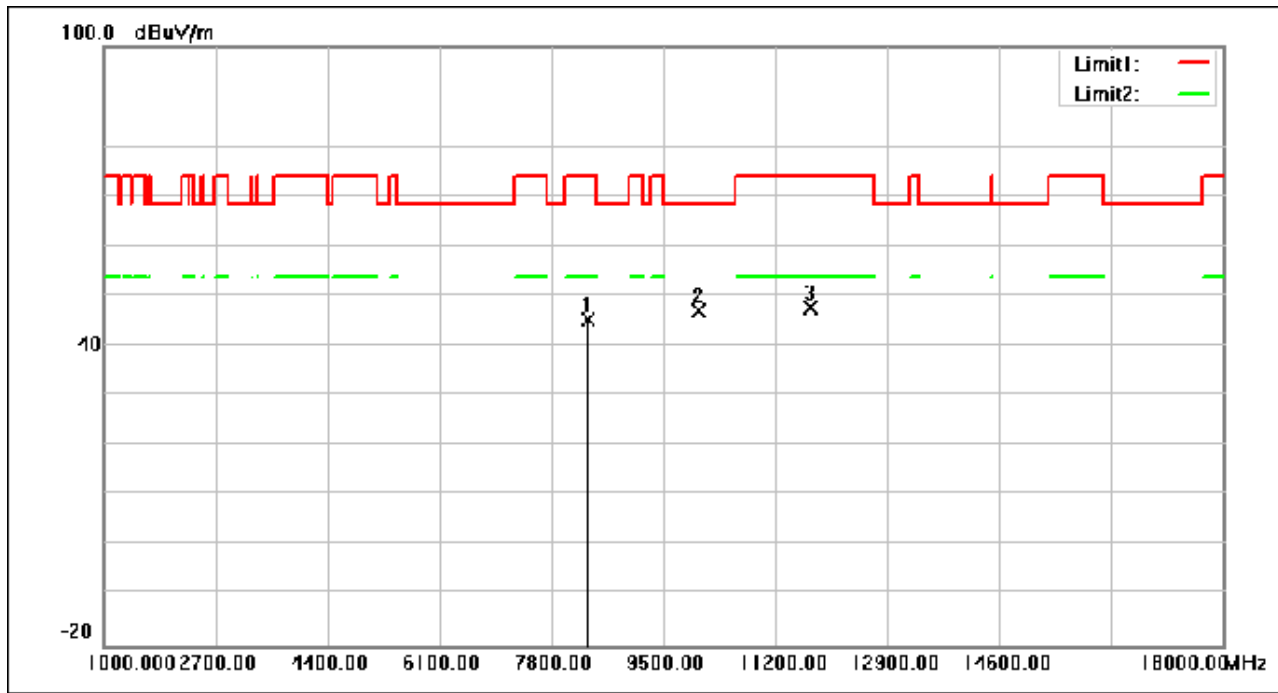
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8361.000	55.12	-9.98	45.14	74.00	-28.86	peak
2	10041.960	54.43	-7.30	47.13	68.30	-21.17	peak
3	11738.560	53.89	-6.17	47.72	74.00	-26.28	peak

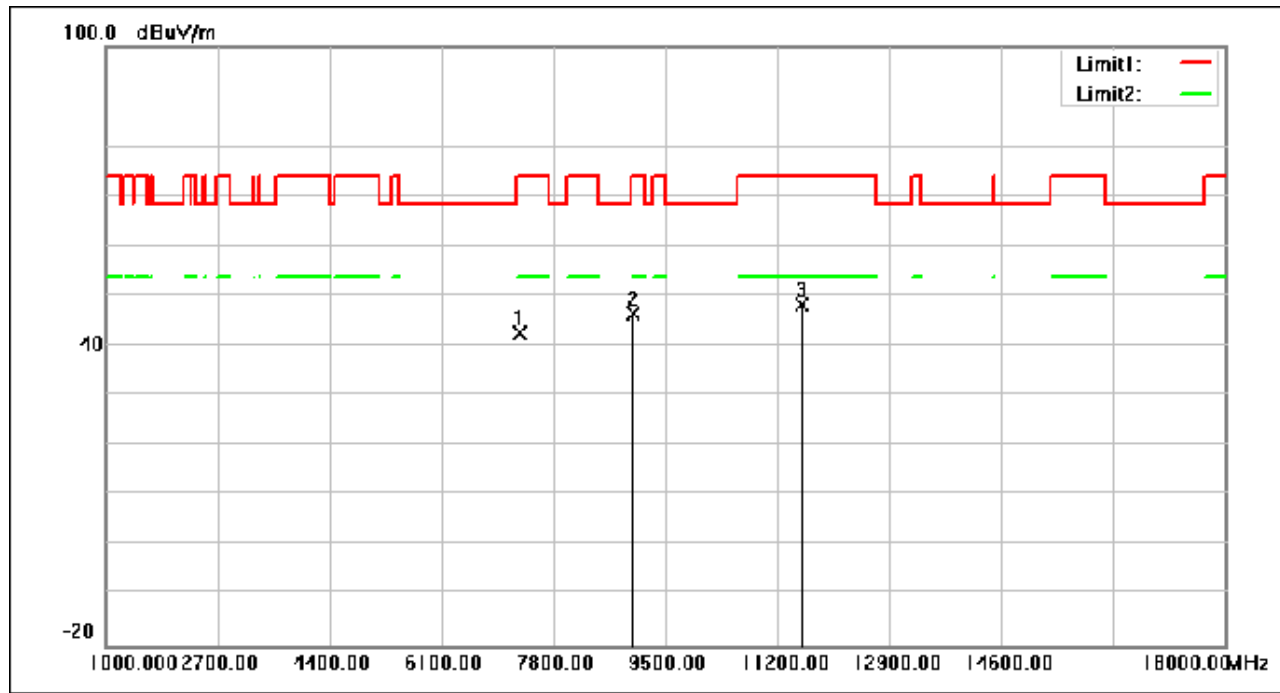
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Test Mode: 10; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7294.080	54.02	-11.44	42.58	74.00	-31.42	peak
2	9015.160	55.41	-8.87	46.54	74.00	-27.46	peak
3	11584.200	54.45	-6.30	48.15	74.00	-25.85	peak

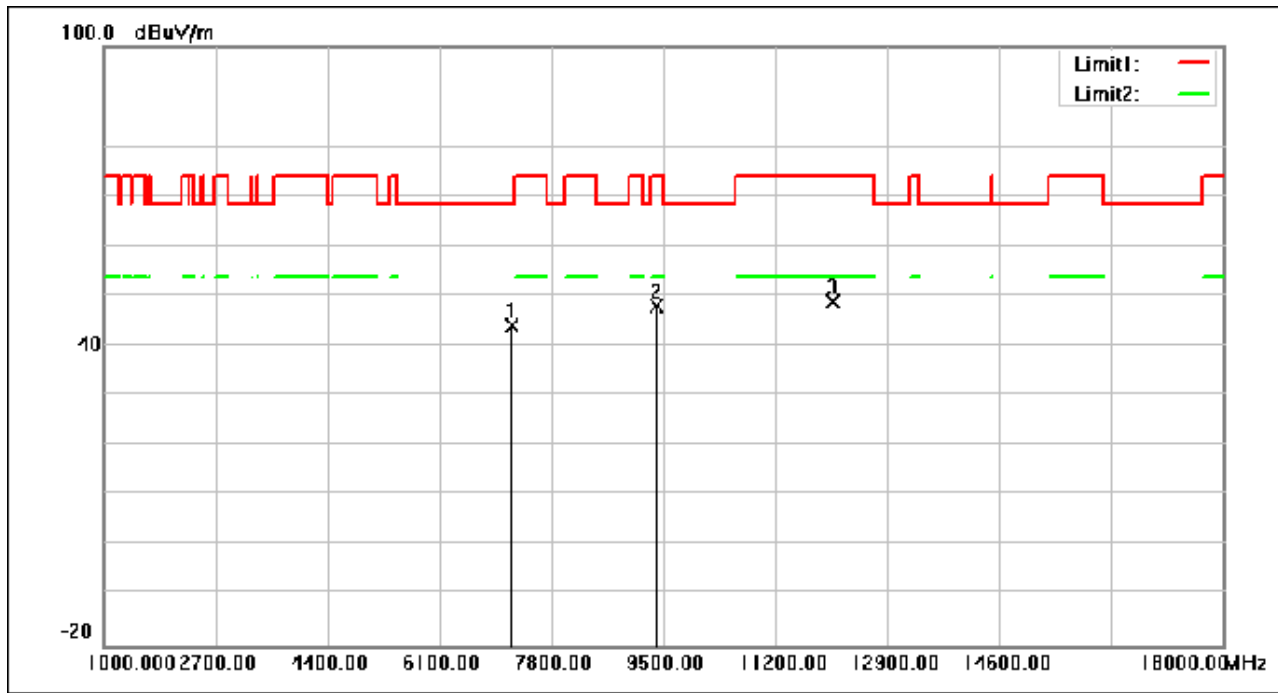
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7220.640	55.58	-11.46	44.12	68.30	-24.18	peak
2	9404.120	55.95	-8.13	47.82	74.00	-26.18	peak
3	12075.840	54.91	-5.92	48.99	74.00	-25.01	peak

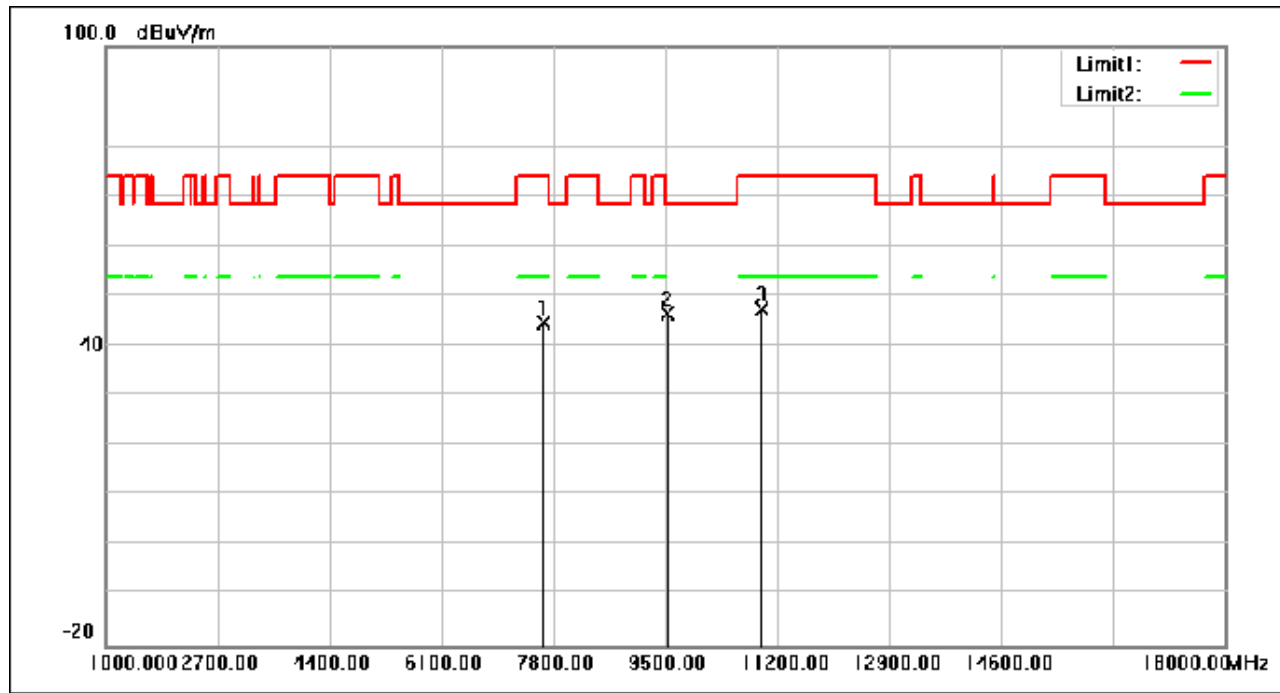
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7648.360	55.72	-11.06	44.66	74.00	-29.34	peak
2	9537.400	54.21	-7.88	46.33	68.30	-21.97	peak
3	10966.760	54.14	-6.78	47.36	74.00	-26.64	peak

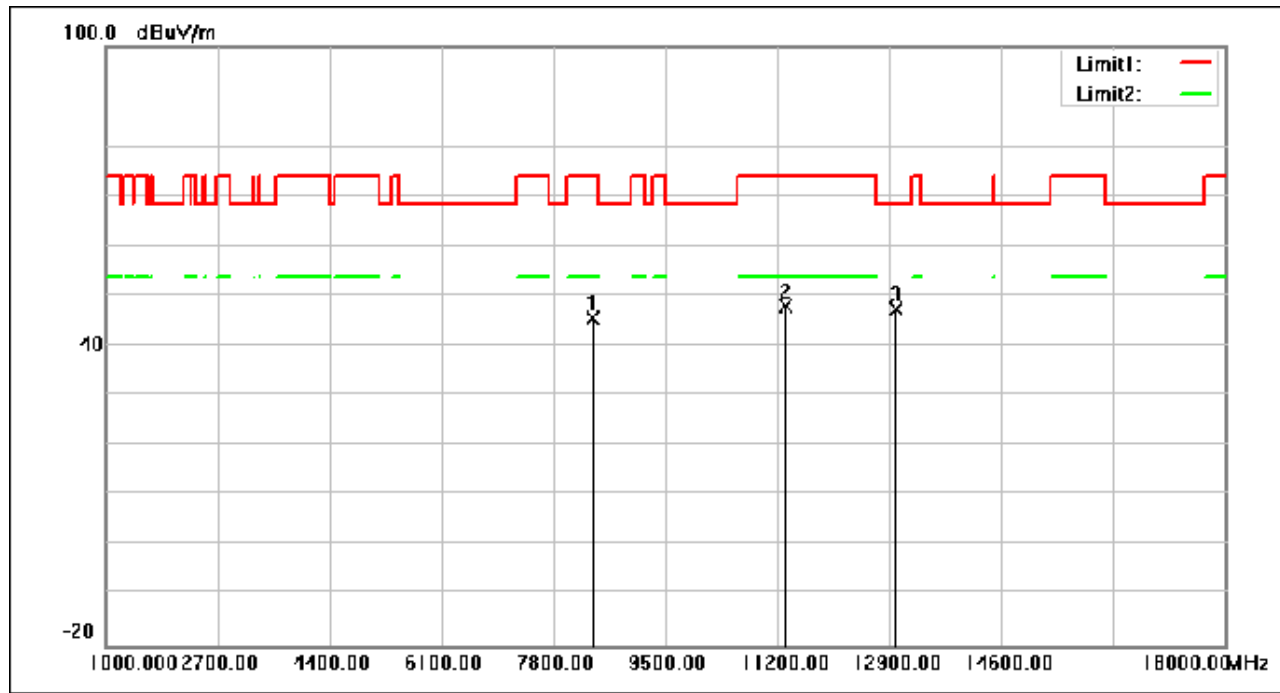
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8409.960	55.38	-9.91	45.47	74.00	-28.53	peak
2	11333.280	54.42	-6.50	47.92	74.00	-26.08	peak
3	13007.440	53.65	-6.34	47.31	68.30	-20.99	peak

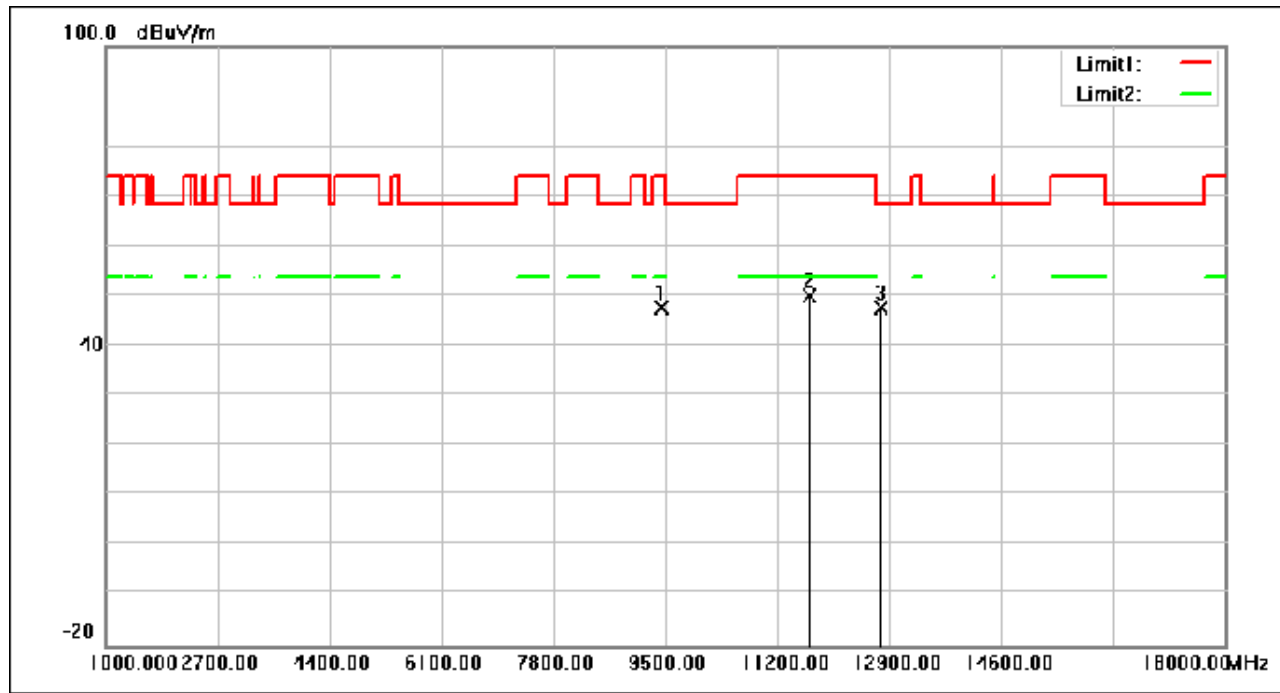
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9459.200	55.78	-8.04	47.74	74.00	-26.26	peak
2	11707.960	56.12	-6.19	49.93	74.00	-24.07	peak
3	12776.920	54.04	-6.24	47.80	68.30	-20.50	peak

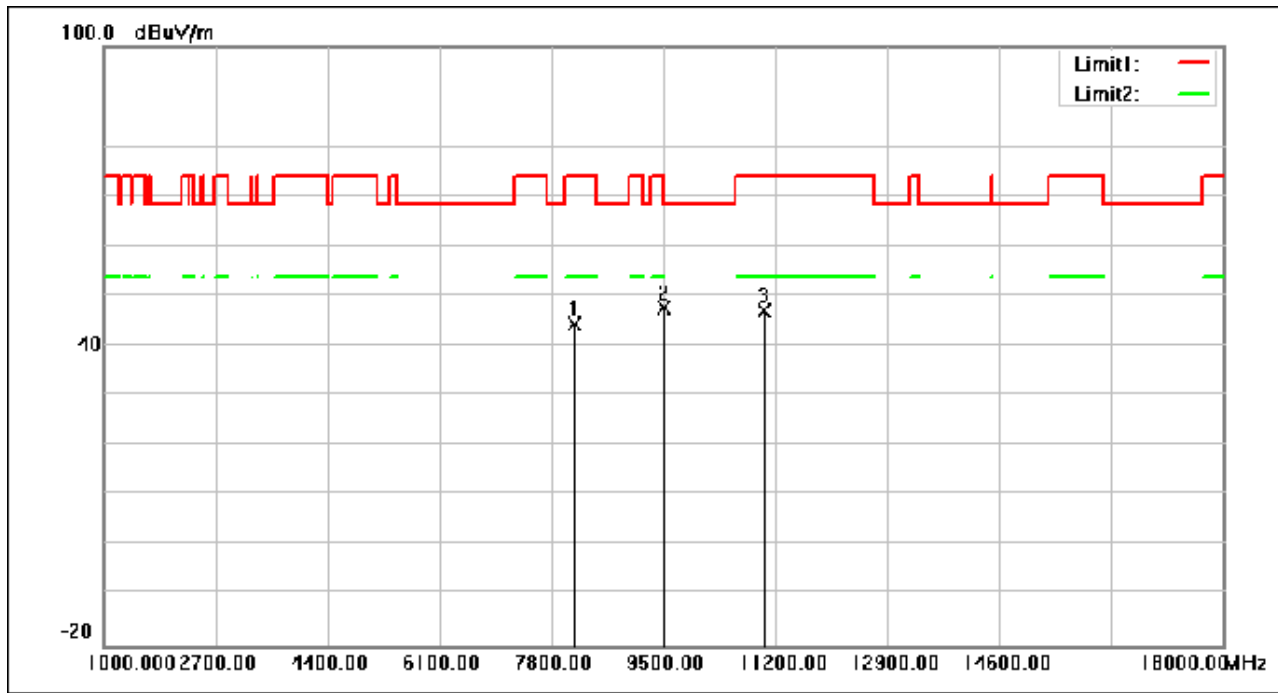
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8147.480	54.69	-10.34	44.35	74.00	-29.65	peak
2	9526.520	55.42	-7.90	47.52	68.30	-20.78	peak
3	11039.520	53.78	-6.73	47.05	74.00	-26.95	peak

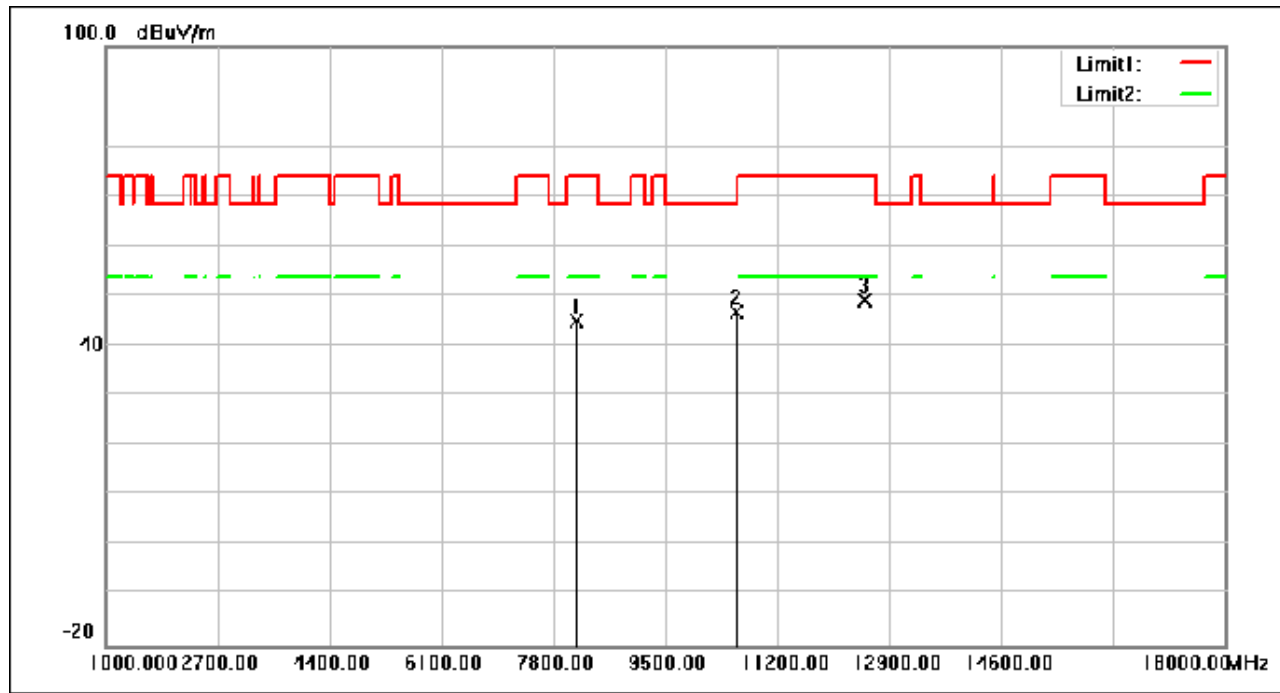
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8140.000	55.37	-10.35	45.02	74.00	-28.98	peak
2	10577.120	53.85	-7.00	46.85	68.30	-21.45	peak
3	12540.960	55.16	-6.14	49.02	74.00	-24.98	peak

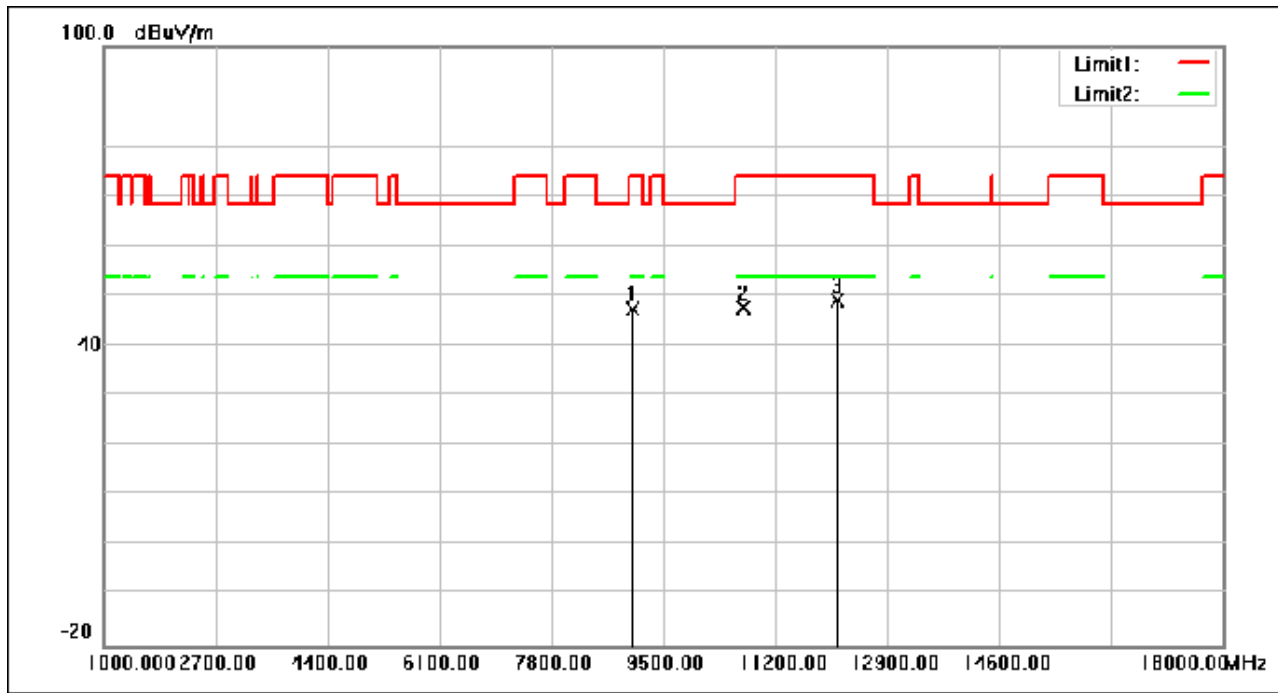
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9051.880	56.06	-8.81	47.25	74.00	-26.75	peak
2	10713.120	54.45	-6.92	47.53	74.00	-26.47	peak
3	12137.040	55.17	-5.95	49.22	74.00	-24.78	peak

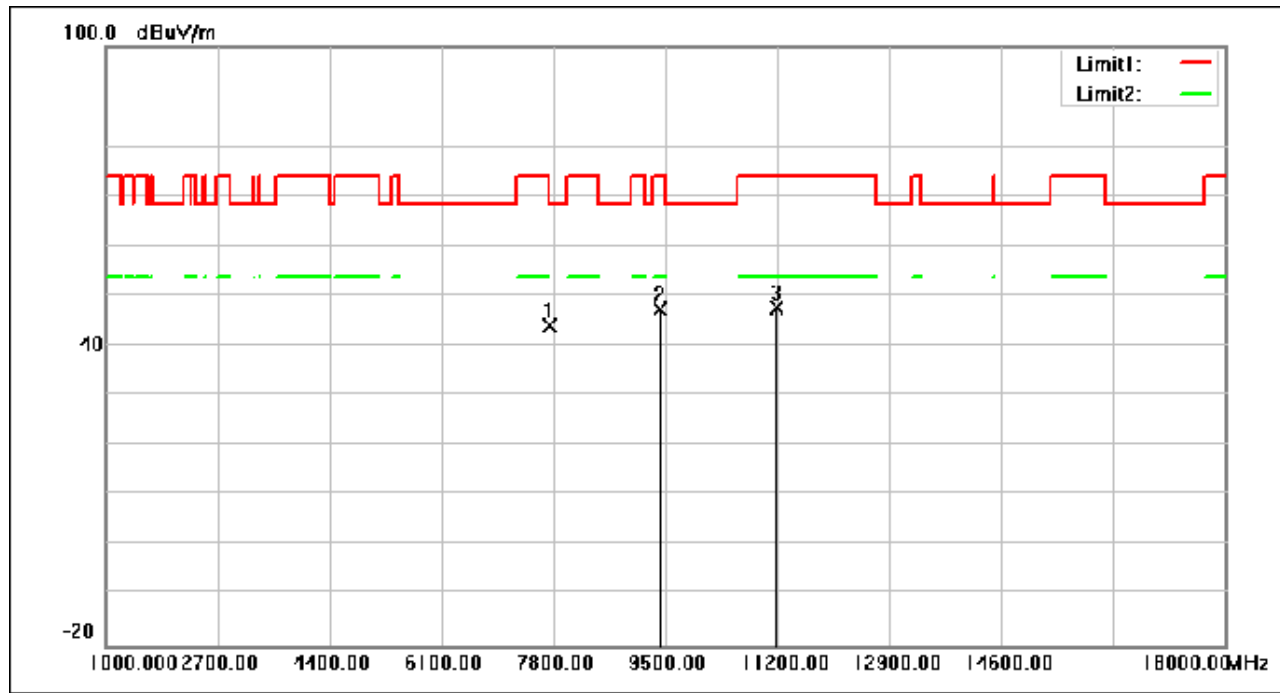
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; 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	7732.000	55.05	-10.96	44.09	74.00	-29.91	peak
2	9418.400	55.39	-8.11	47.28	74.00	-26.72	peak
3	11186.400	54.12	-6.61	47.51	74.00	-26.49	peak

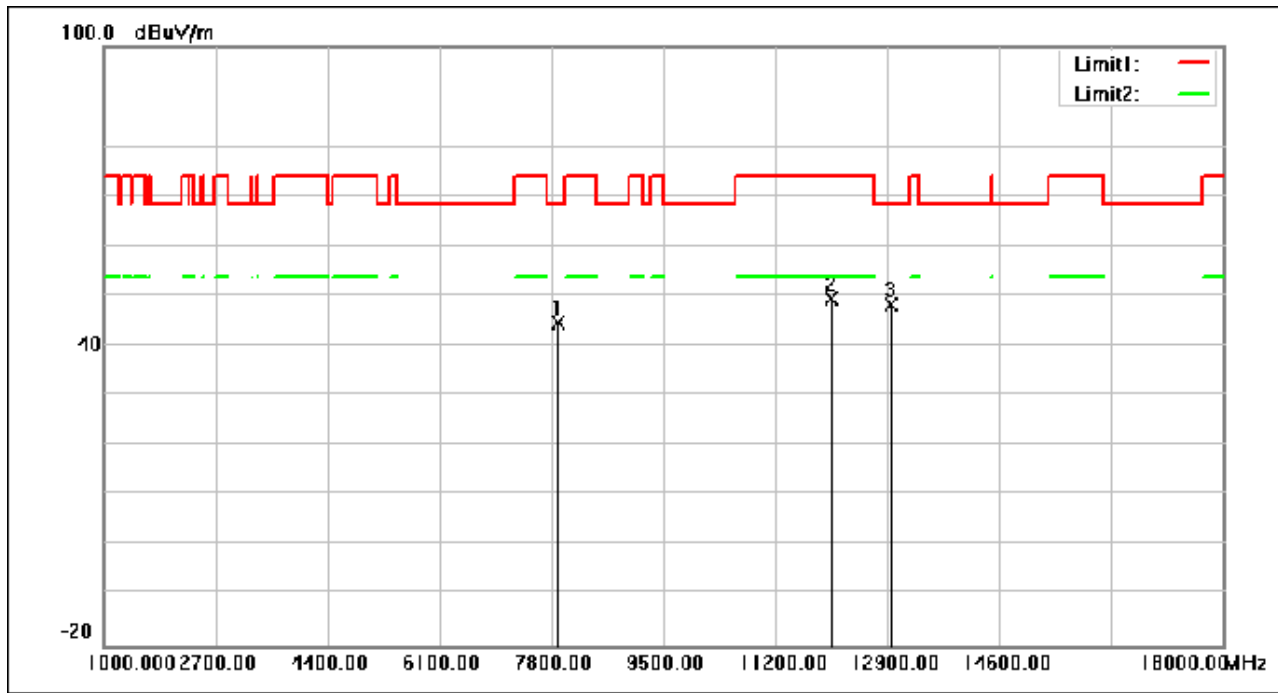
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7906.080	55.45	-10.72	44.73	68.30	-23.57	peak
2	12057.480	55.33	-5.91	49.42	74.00	-24.58	peak
3	12957.800	54.53	-6.32	48.21	68.30	-20.09	peak

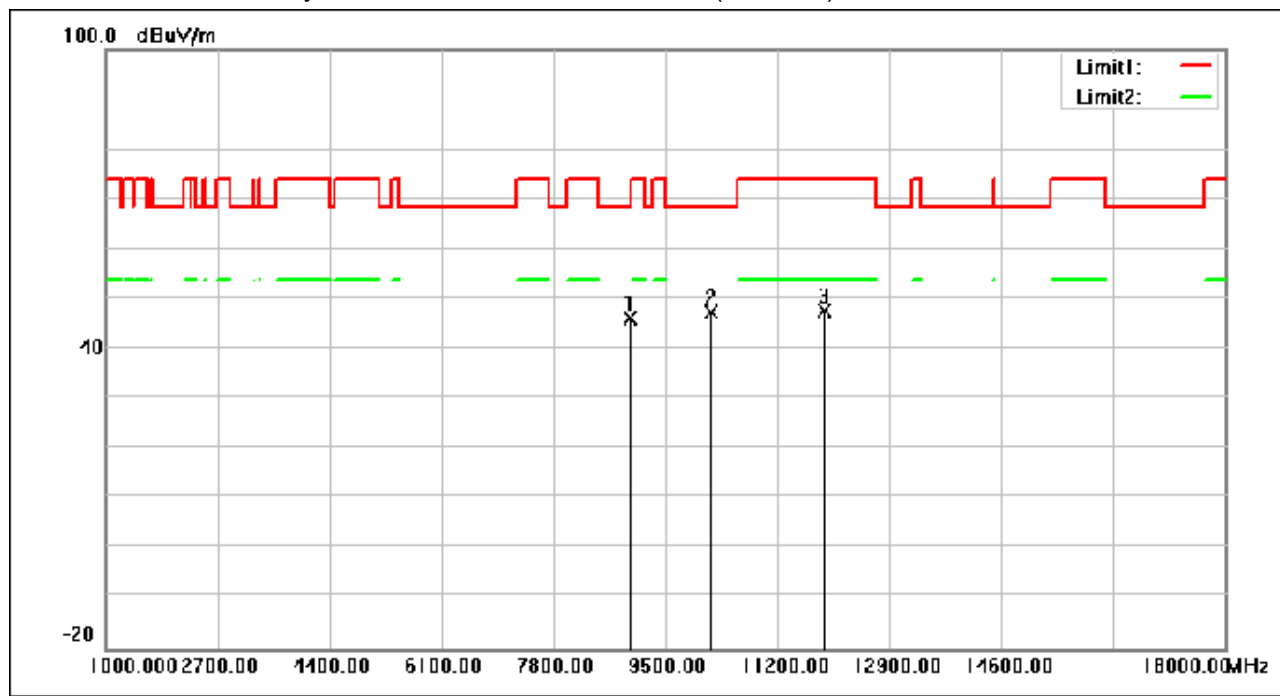
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8981.840	55.23	-8.94	46.29	68.30	-22.01	peak
2	10201.760	54.68	-7.21	47.47	68.30	-20.83	peak
3	11926.920	53.57	-6.00	47.57	74.00	-26.43	peak

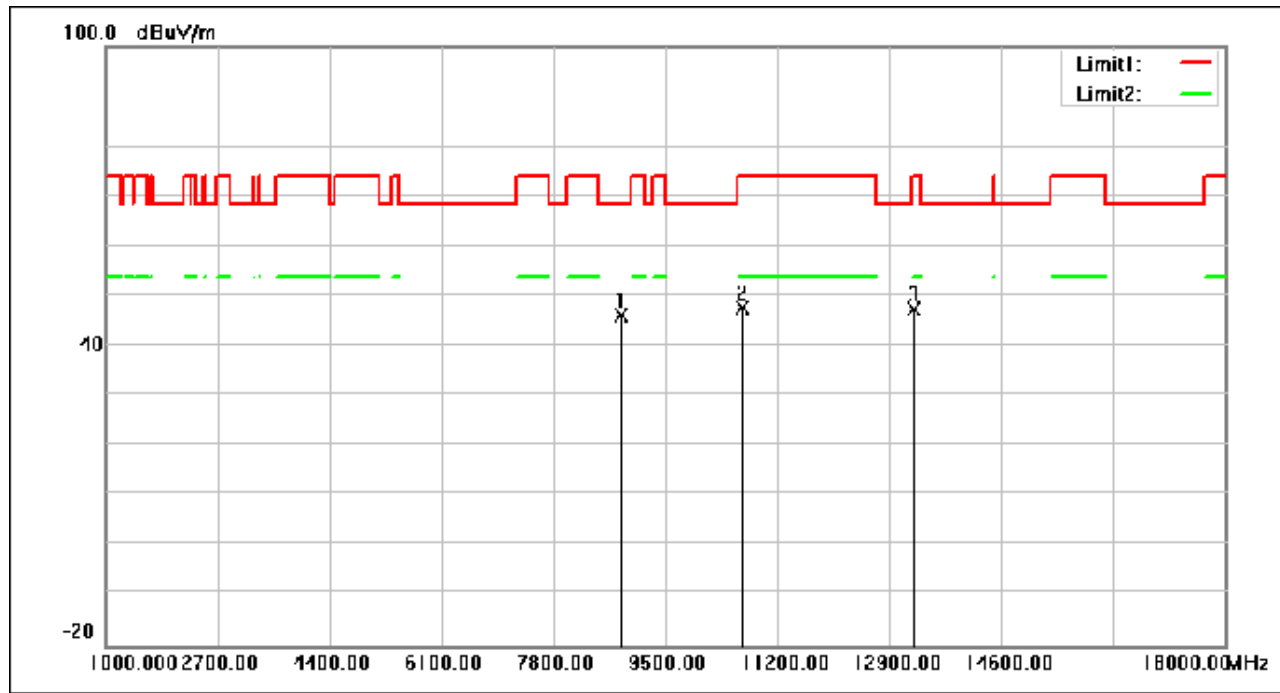
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8845.160	55.22	-9.19	46.03	68.30	-22.27	peak
2	10685.920	54.59	-6.93	47.66	74.00	-26.34	peak
3	13289.640	53.78	-6.30	47.48	74.00	-26.52	peak

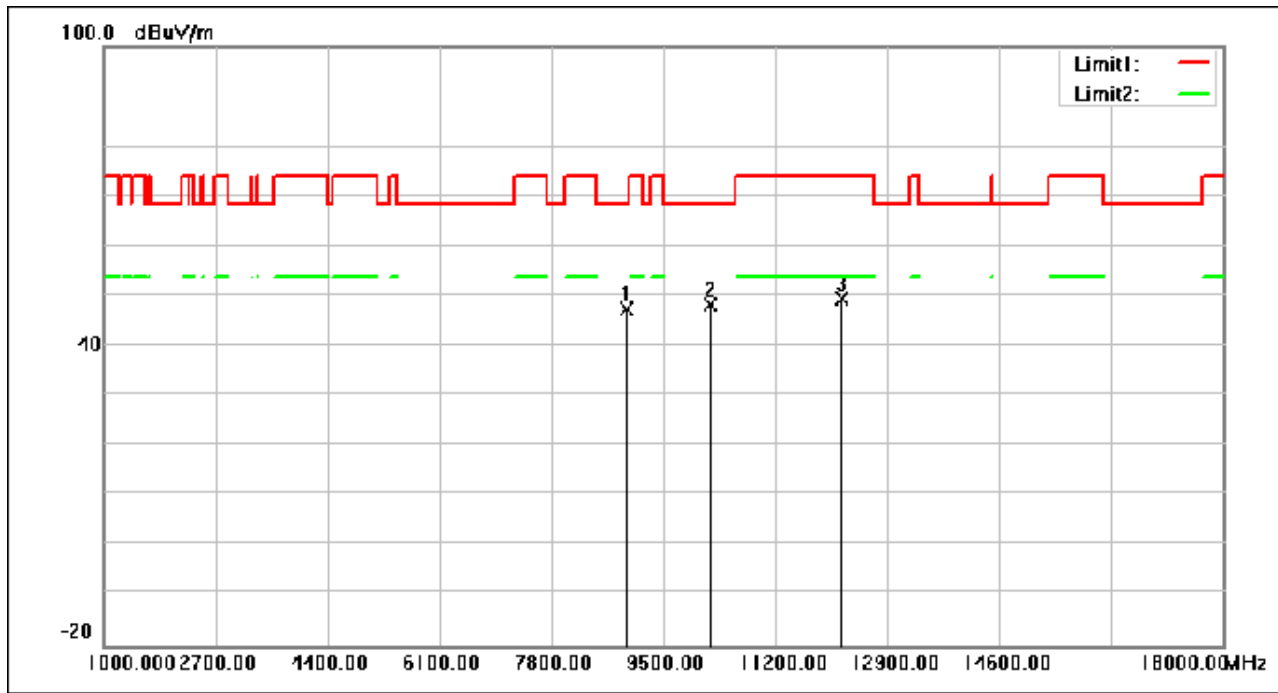
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8952.600	56.38	-9.00	47.38	68.30	-20.92	peak
2	10220.800	55.32	-7.21	48.11	68.30	-20.19	peak
3	12213.200	55.44	-5.98	49.46	74.00	-24.54	peak

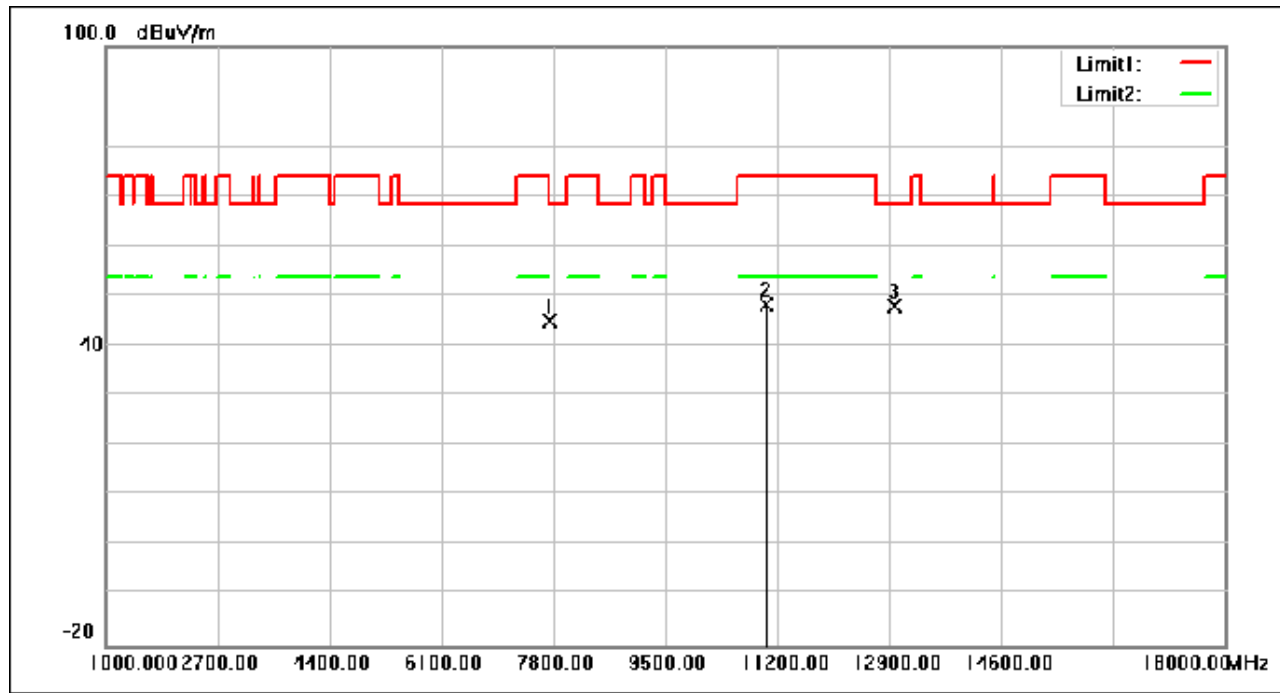
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7747.640	55.74	-10.93	44.81	74.00	-29.19	peak
2	11030.680	55.11	-6.74	48.37	74.00	-25.63	peak
3	12997.240	54.16	-6.34	47.82	68.30	-20.48	peak

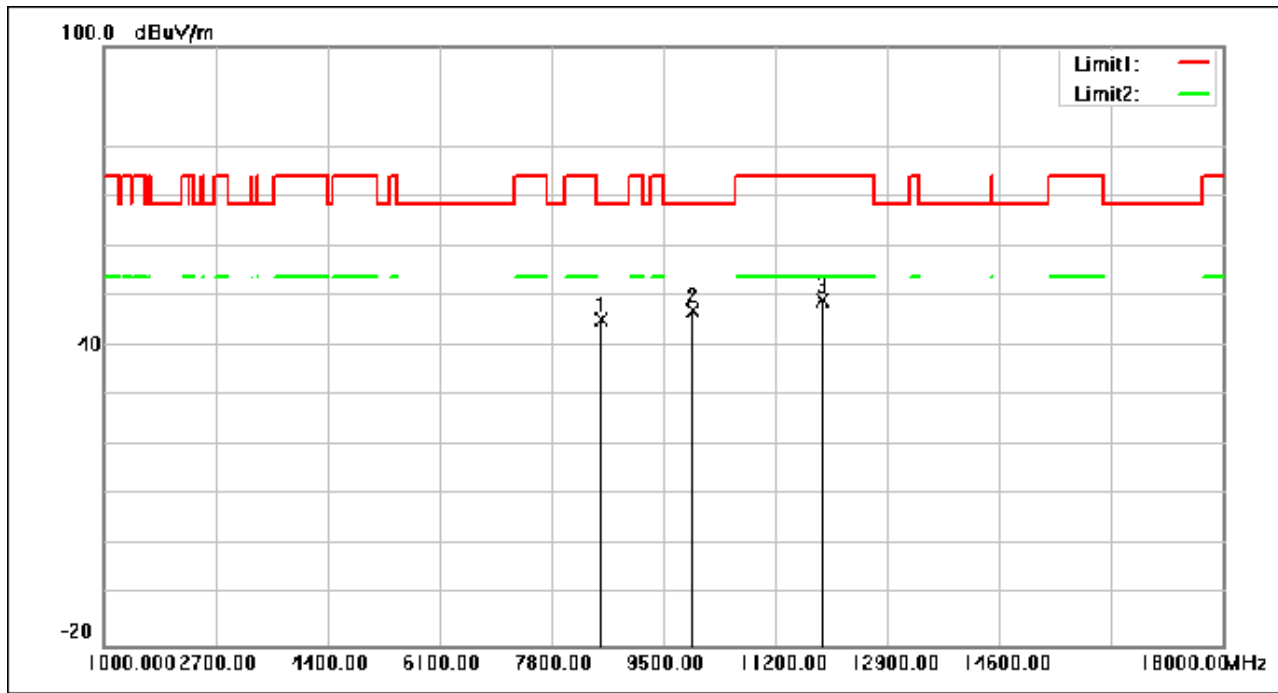
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8565.680	54.89	-9.64	45.25	68.30	-23.05	peak
2	9949.480	54.26	-7.31	46.95	68.30	-21.35	peak
3	11918.080	55.07	-6.02	49.05	74.00	-24.95	peak

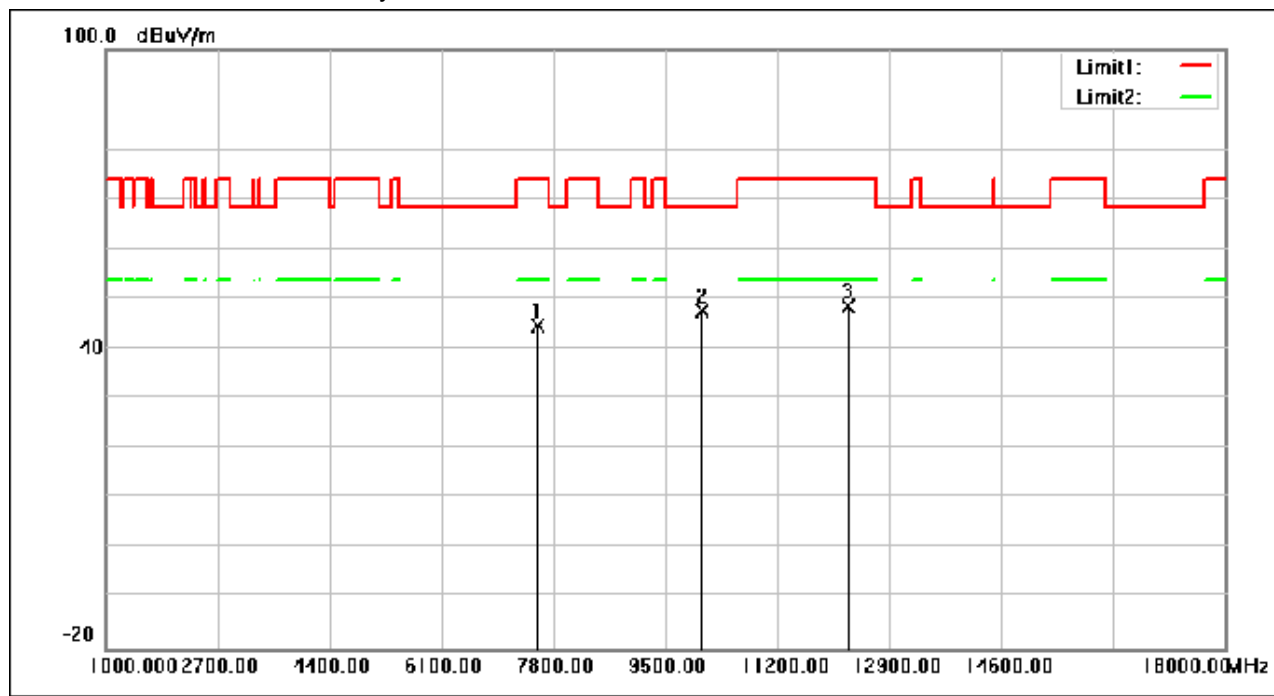
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7563.360	55.80	-11.17	44.63	74.00	-29.37	peak
2	10045.360	55.01	-7.30	47.71	68.30	-20.59	peak
3	12277.120	54.49	-6.01	48.48	74.00	-25.52	peak

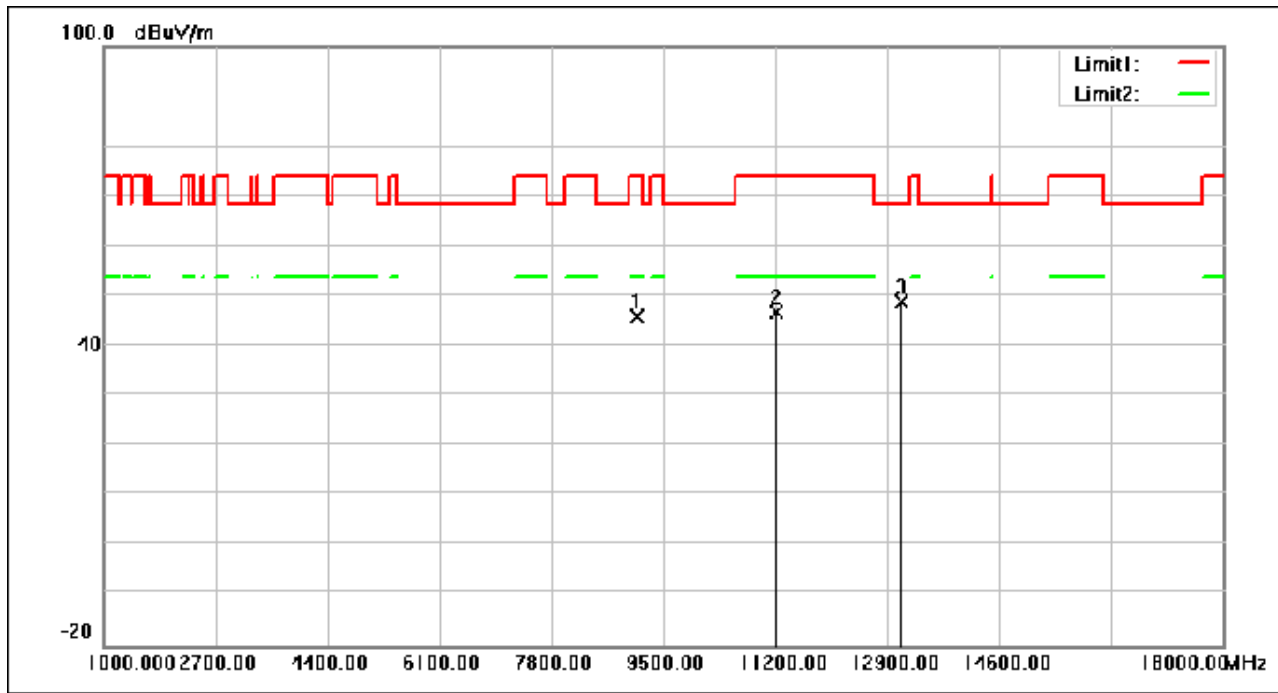
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9111.720	54.39	-8.69	45.70	74.00	-28.30	peak
2	11210.880	53.47	-6.59	46.88	74.00	-27.12	peak
3	13124.400	55.12	-6.27	48.85	68.30	-19.45	peak

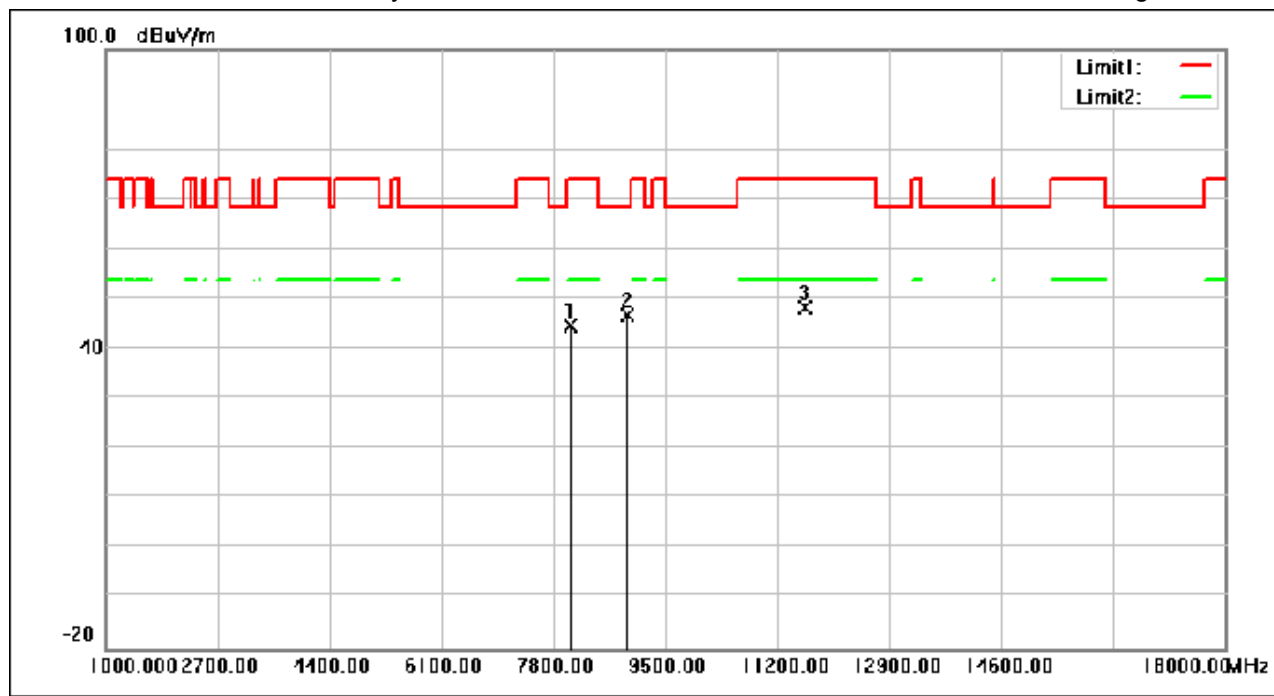
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8065.880	55.21	-10.48	44.73	74.00	-29.27	peak
2	8922.680	55.75	-9.05	46.70	68.30	-21.60	peak
3	11635.200	54.35	-6.25	48.10	74.00	-25.90	peak

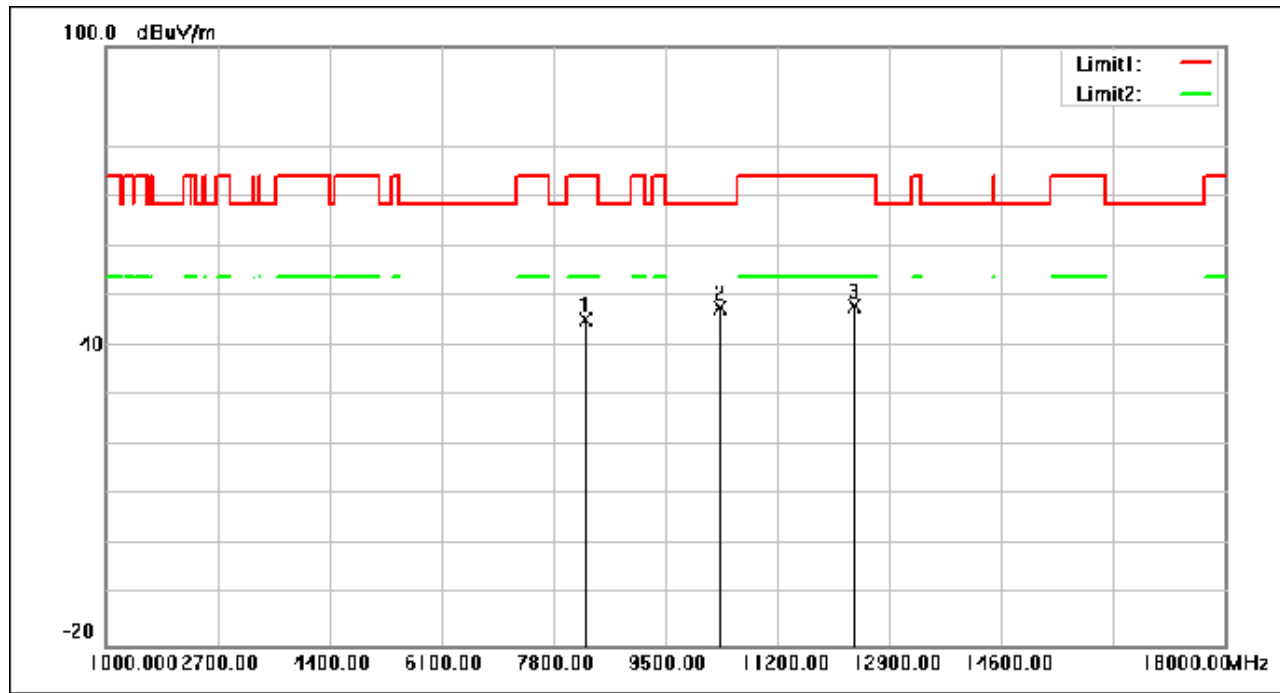
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8282.120	55.36	-10.12	45.24	74.00	-28.76	peak
2	10317.360	54.88	-7.15	47.73	68.30	-20.57	peak
3	12356.000	53.90	-6.05	47.85	74.00	-26.15	peak

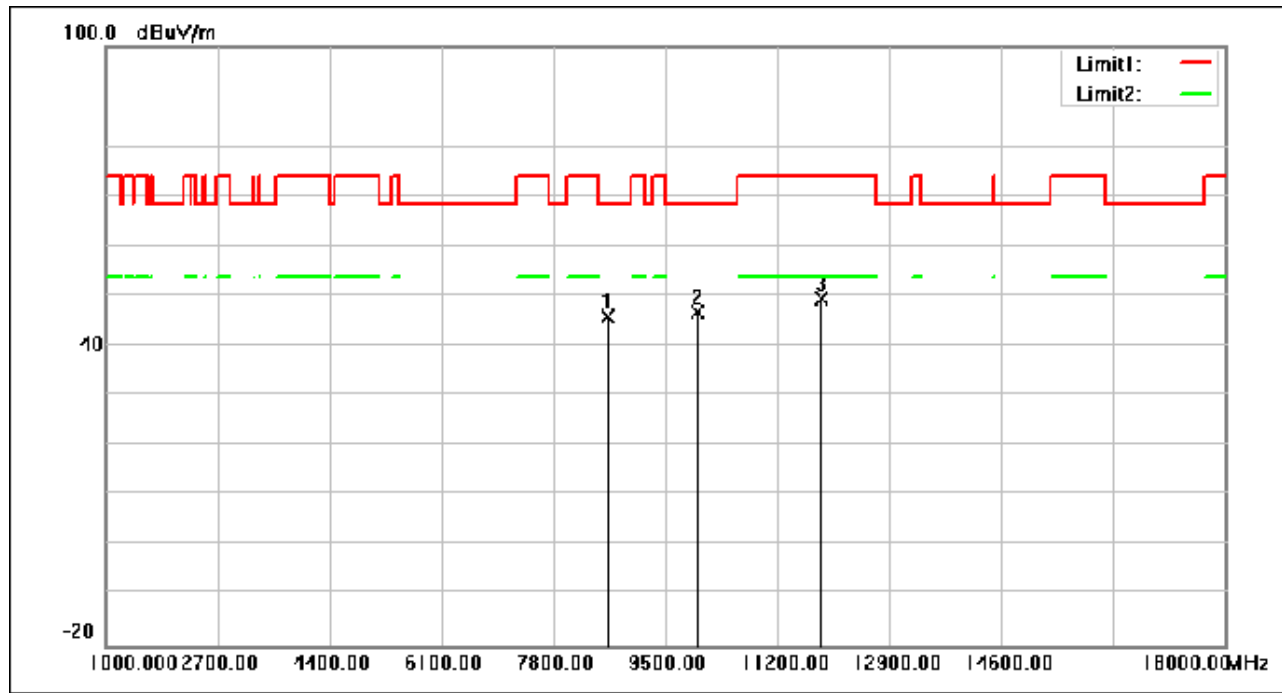
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8616.000	55.37	-9.57	45.80	68.30	-22.50	peak
2	9997.760	54.19	-7.33	46.86	68.30	-21.44	peak
3	11866.400	55.38	-6.06	49.32	74.00	-24.68	peak

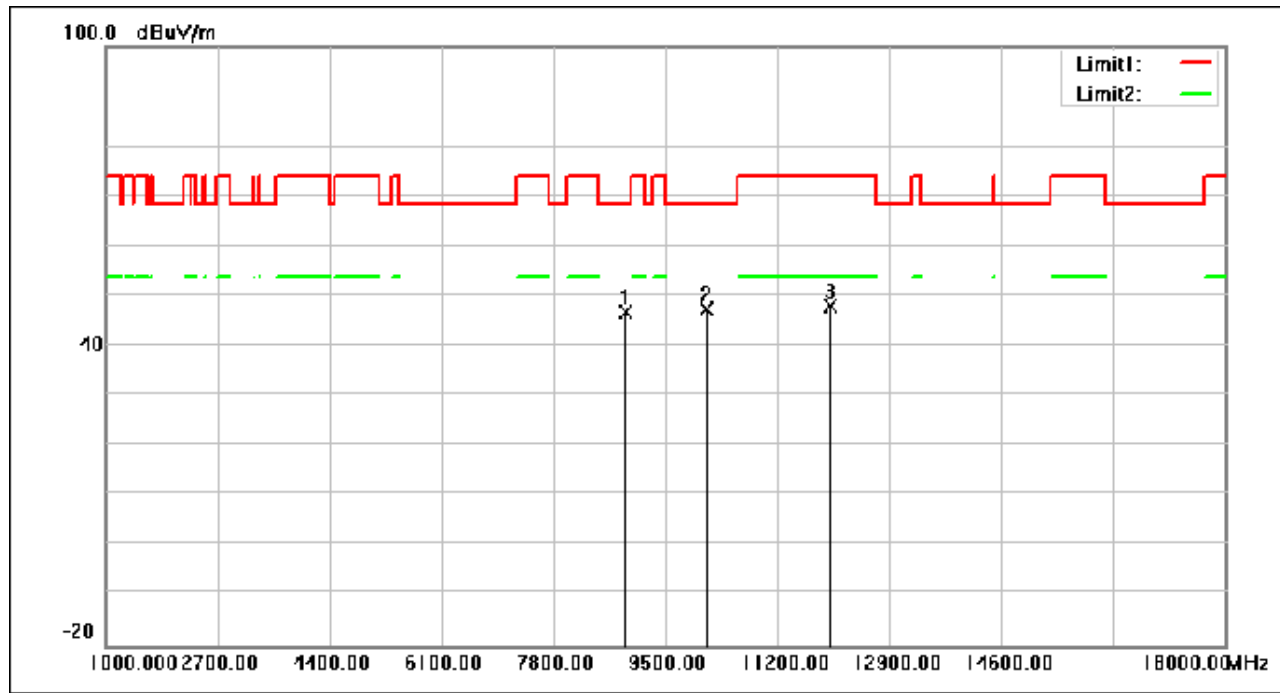
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8910.440	55.79	-9.08	46.71	68.30	-21.59	peak
2	10132.400	54.66	-7.25	47.41	68.30	-20.89	peak
3	12003.080	53.97	-5.89	48.08	74.00	-25.92	peak

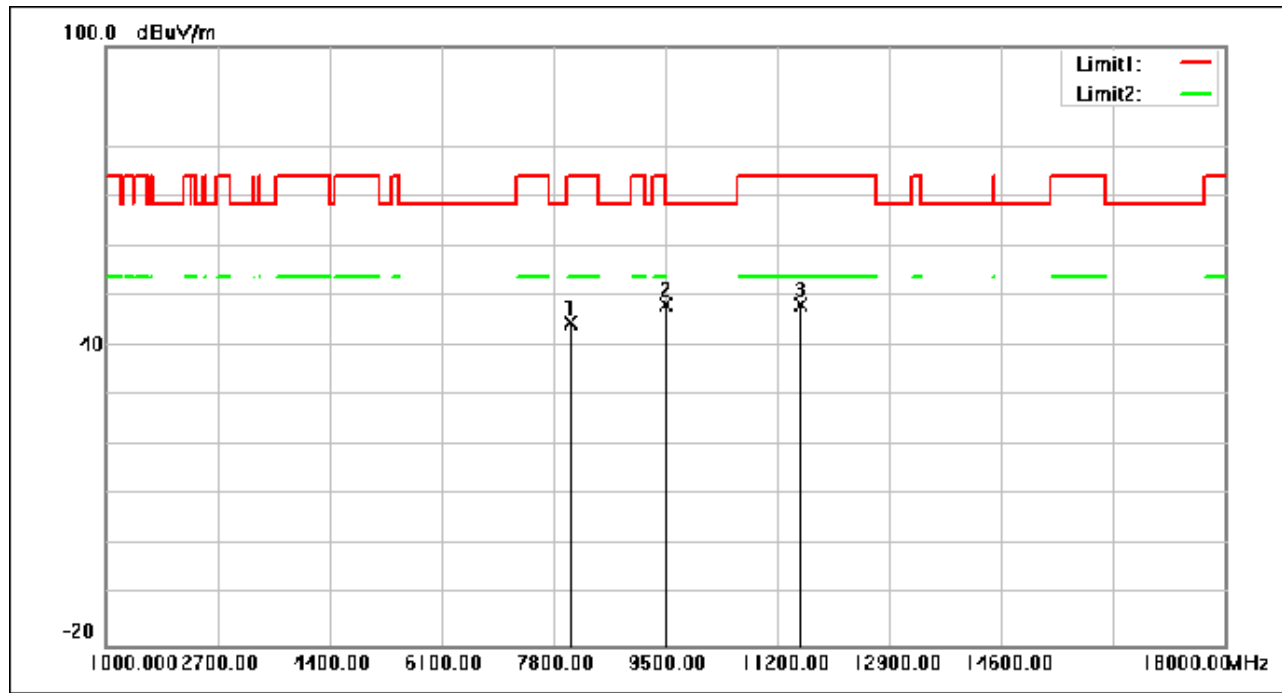
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8070.640	55.02	-10.47	44.55	74.00	-29.45	peak
2	9503.400	56.26	-7.95	48.31	68.30	-19.99	peak
3	11569.240	54.57	-6.30	48.27	74.00	-25.73	peak

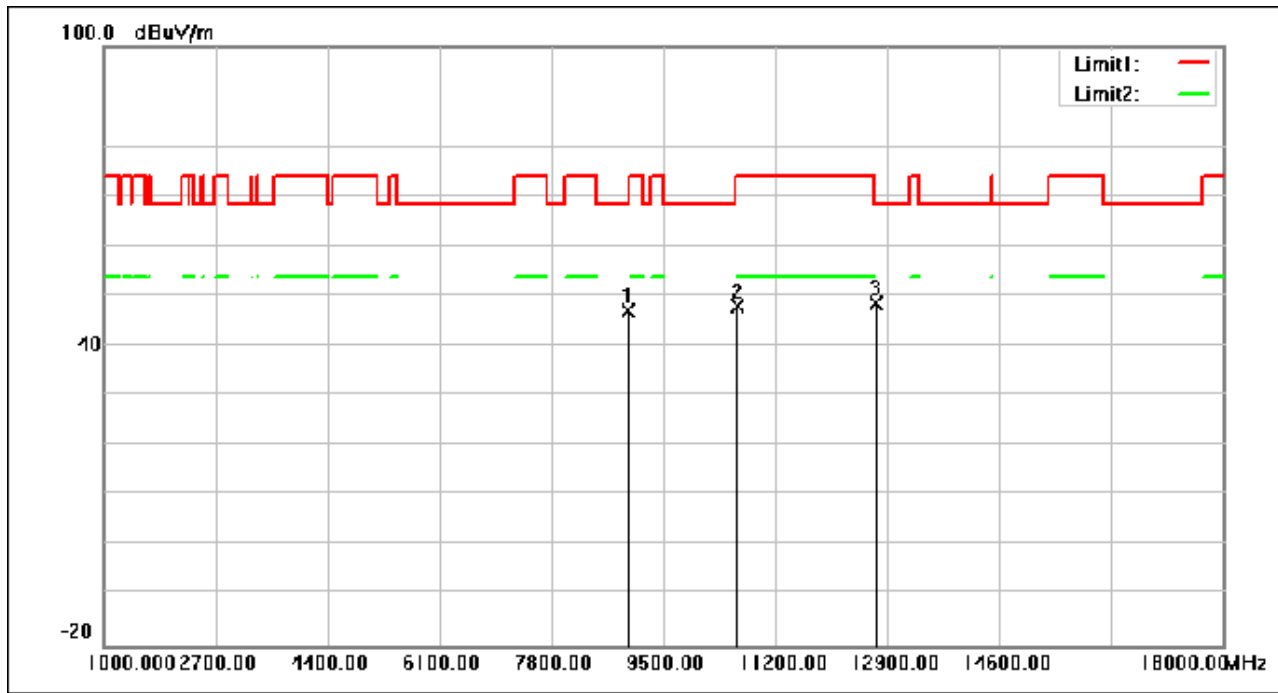
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8958.720	56.12	-8.99	47.13	68.30	-21.17	peak
2	10633.560	54.78	-6.97	47.81	74.00	-26.19	peak
3	12738.160	54.71	-6.22	48.49	68.30	-19.81	peak

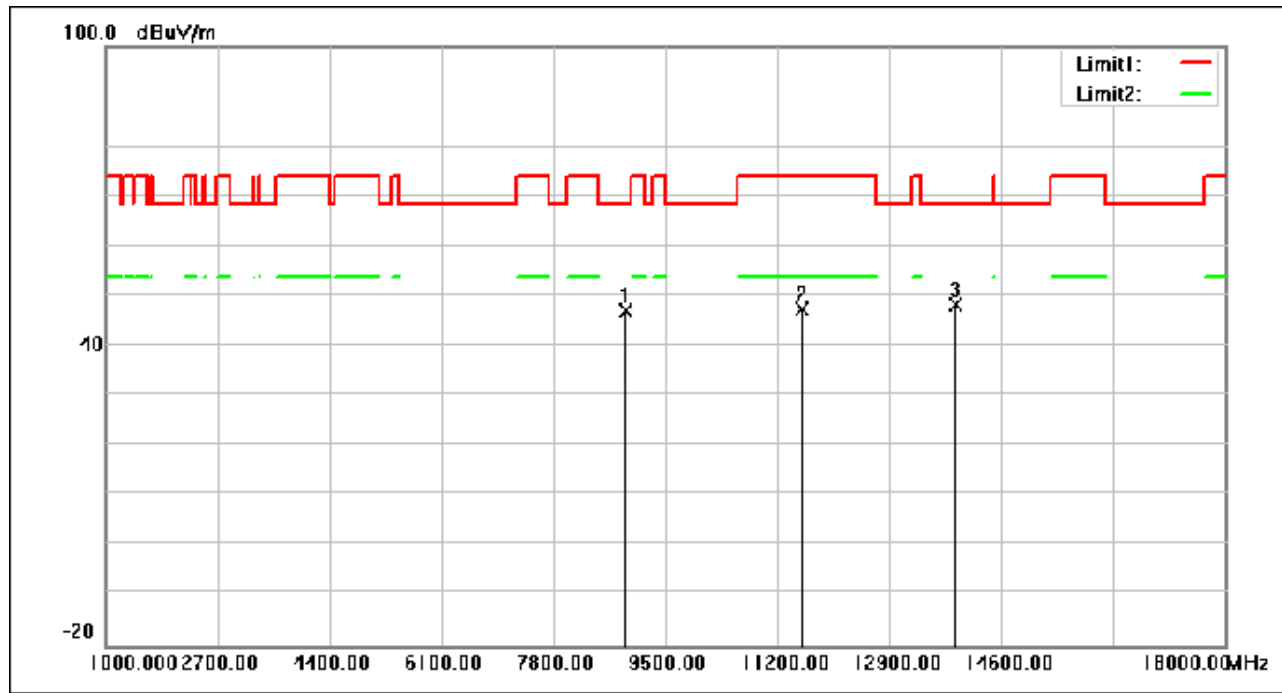
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8905.000	56.12	-9.09	47.03	68.30	-21.27	peak
2	11582.840	53.64	-6.30	47.34	74.00	-26.66	peak
3	13909.120	54.70	-6.41	48.29	68.30	-20.01	peak

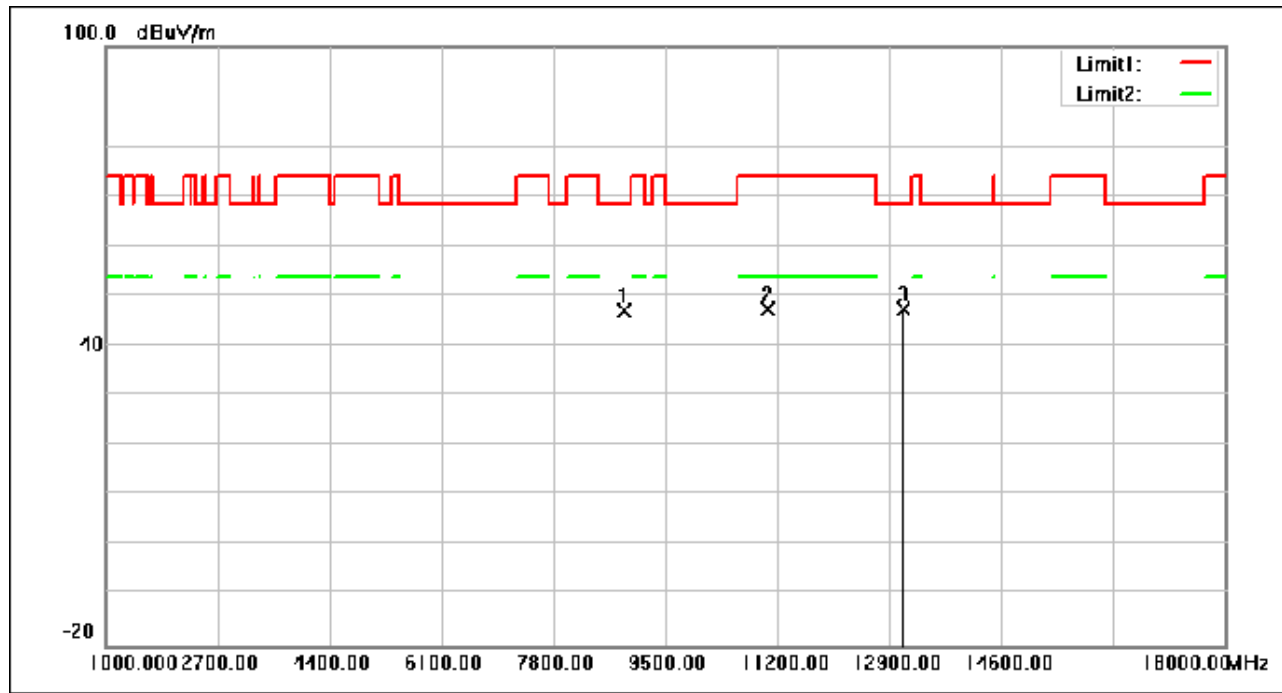
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8884.600	56.10	-9.11	46.99	68.30	-21.31	peak
2	11061.280	54.04	-6.71	47.33	74.00	-26.67	peak
3	13115.560	53.65	-6.27	47.38	68.30	-20.92	peak

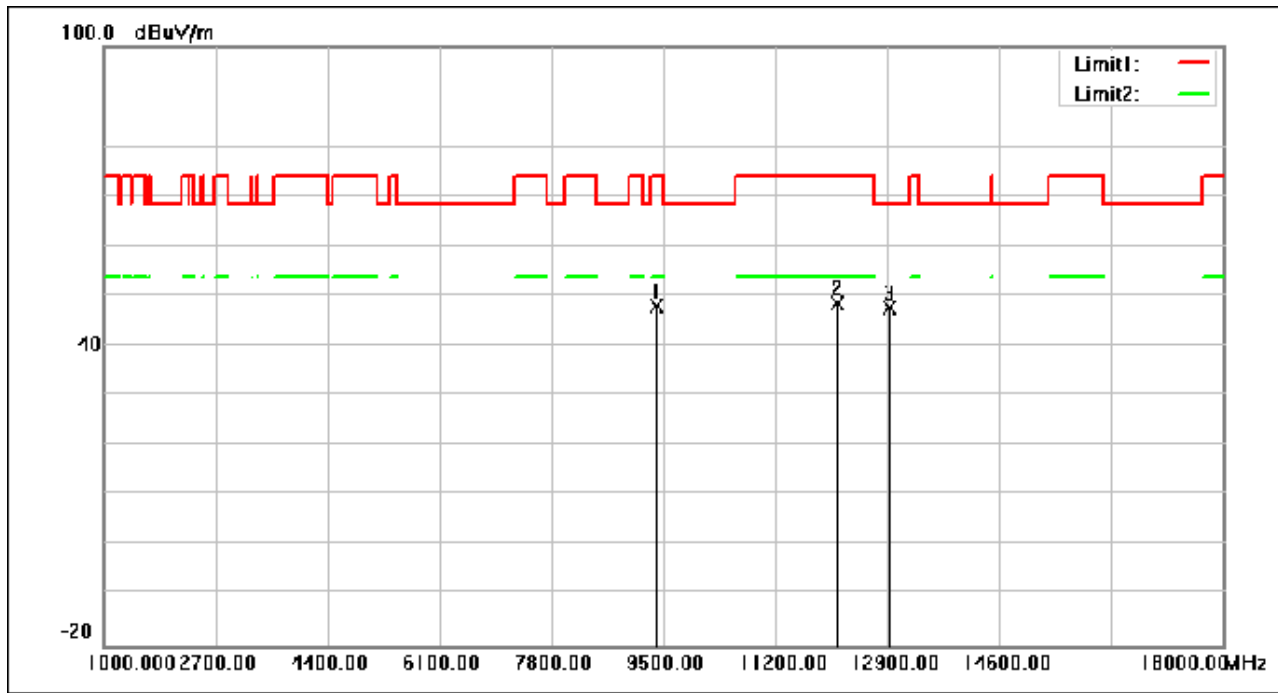
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9409.560	56.17	-8.12	48.05	74.00	-25.95	peak
2	12146.560	54.45	-5.95	48.50	74.00	-25.50	peak
3	12939.440	54.06	-6.31	47.75	68.30	-20.55	peak

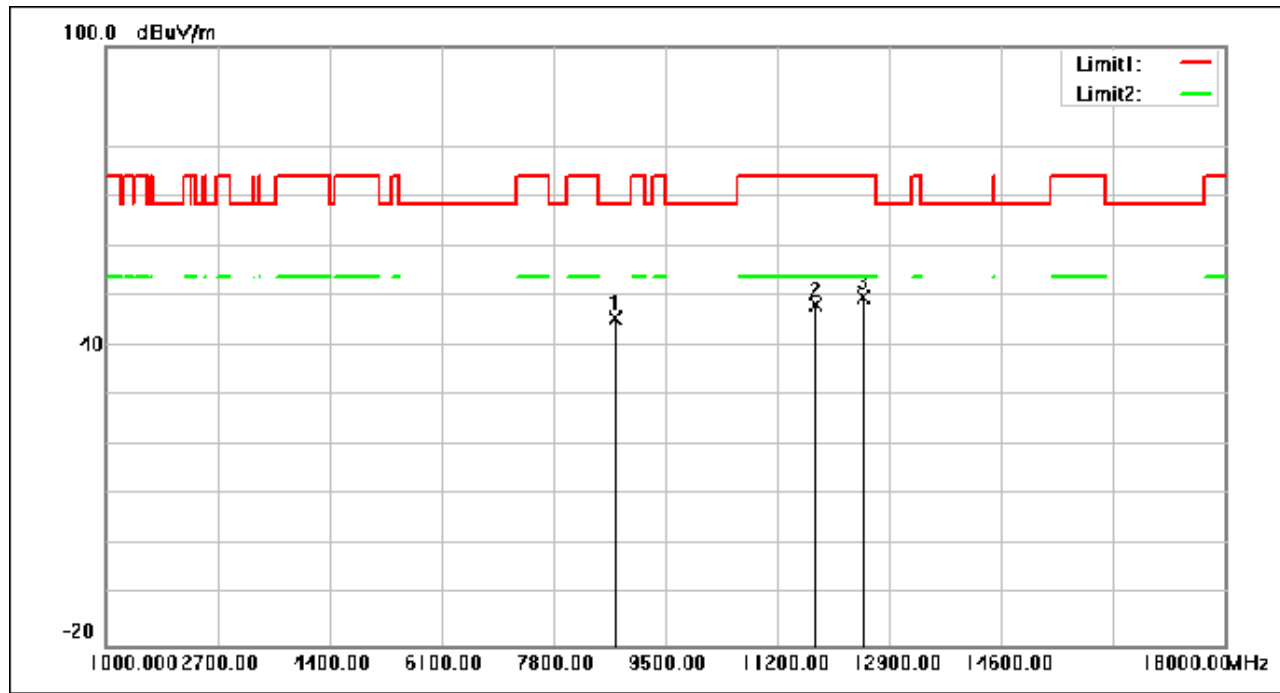
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8737.040	54.85	-9.36	45.49	68.30	-22.81	peak
2	11785.480	54.22	-6.12	48.10	74.00	-25.90	peak
3	12498.120	55.87	-6.12	49.75	74.00	-24.25	peak

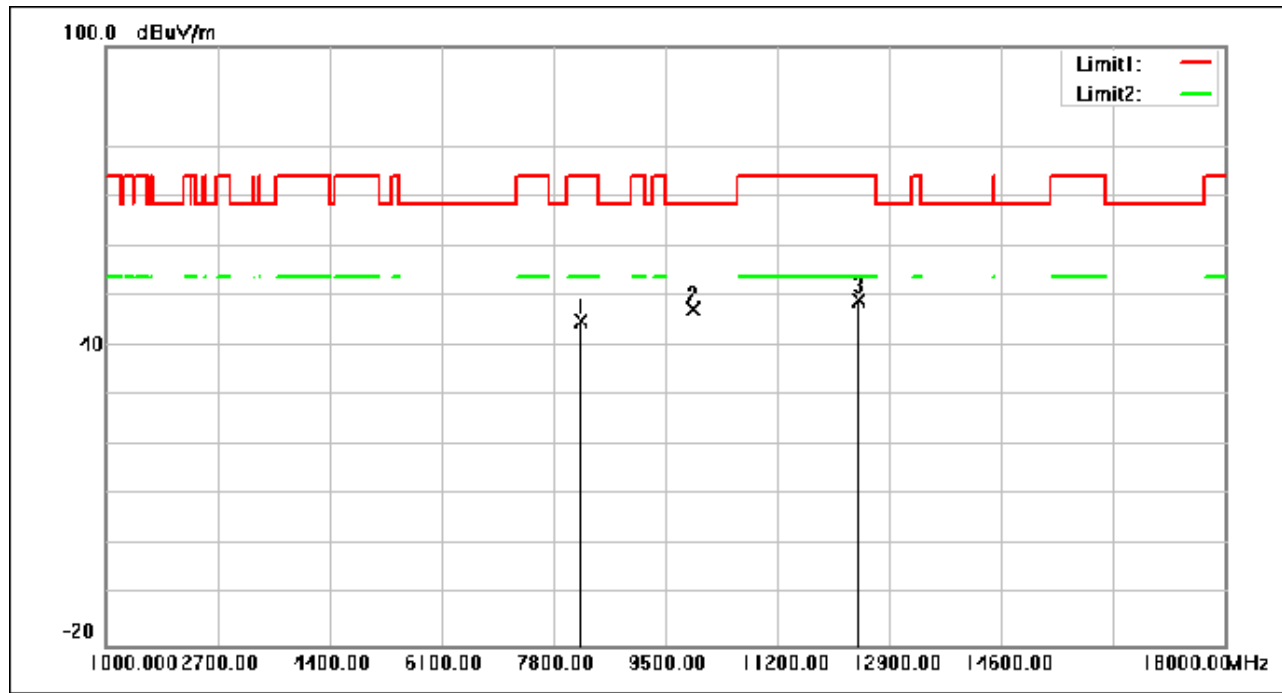
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8224.320	55.05	-10.21	44.84	74.00	-29.16	peak
2	9908.000	54.75	-7.31	47.44	68.30	-20.86	peak
3	12431.480	55.37	-6.08	49.29	74.00	-24.71	peak

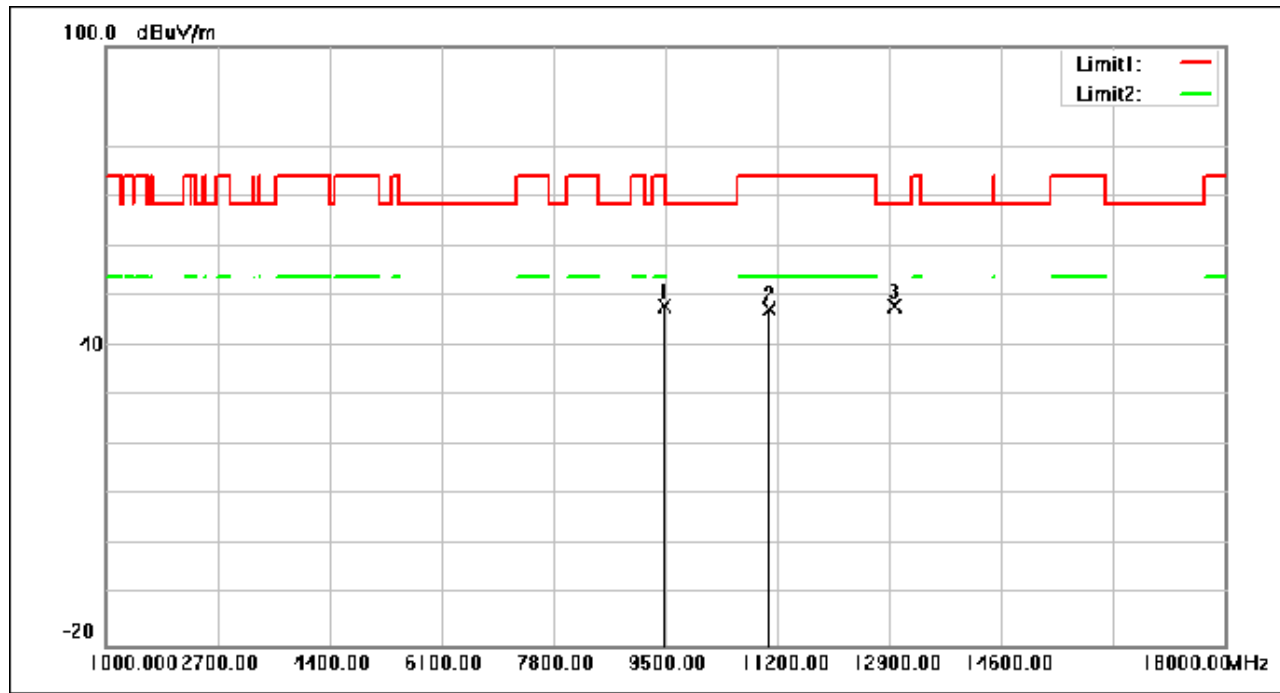
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9491.160	55.94	-7.97	47.97	74.00	-26.03	peak
2	11070.800	54.21	-6.71	47.50	74.00	-26.50	peak
3	12986.360	54.39	-6.33	48.06	68.30	-20.24	peak

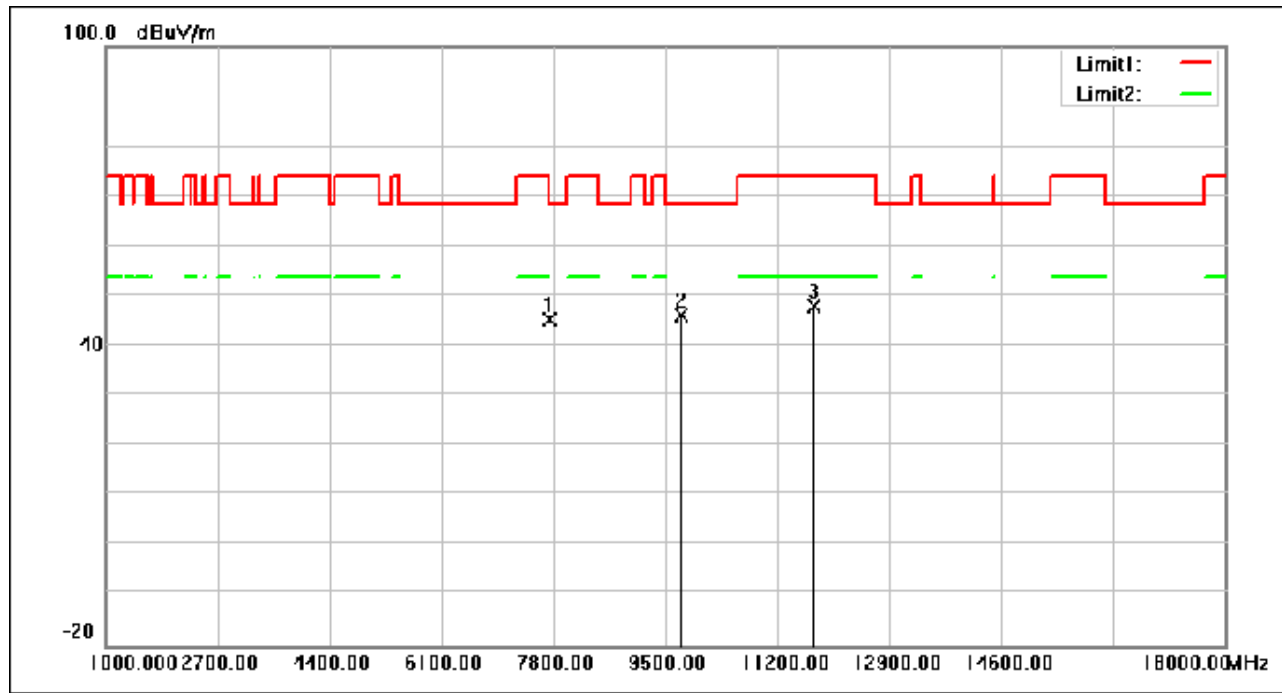
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7753.080	56.26	-10.93	45.33	68.30	-22.97	peak
2	9744.800	53.78	-7.49	46.29	68.30	-22.01	peak
3	11760.320	53.97	-6.15	47.82	74.00	-26.18	peak

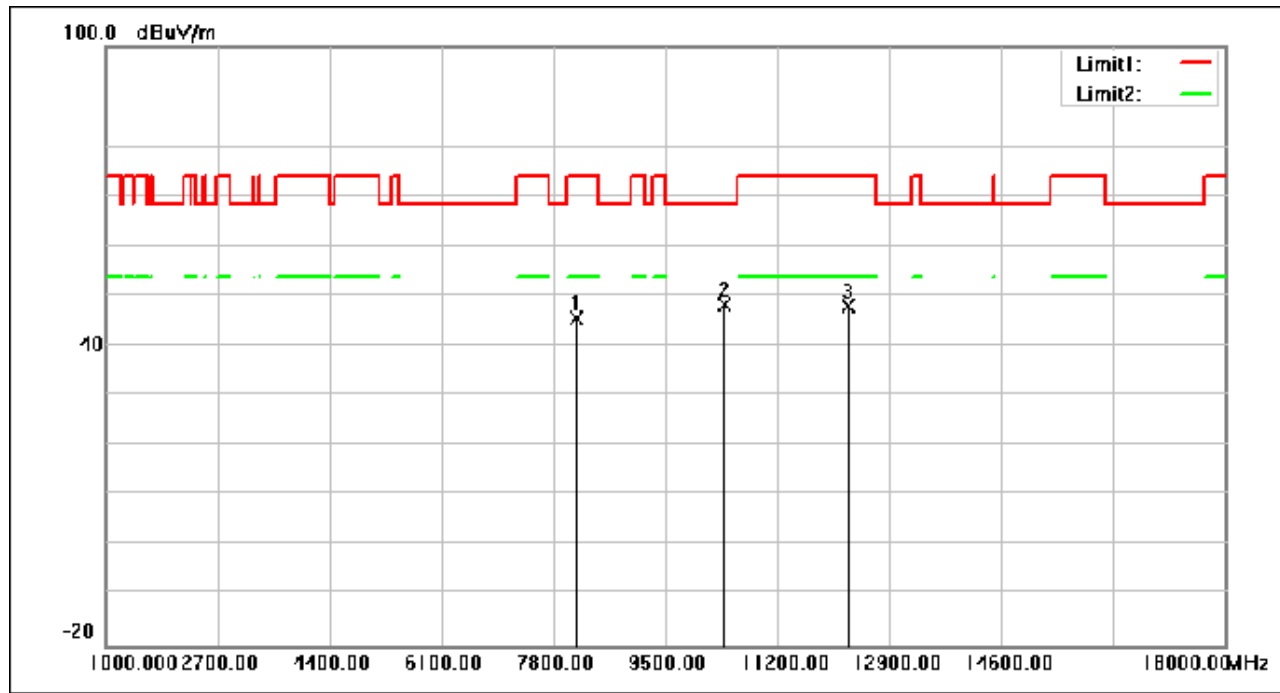
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8140.000	55.98	-10.35	45.63	74.00	-28.37	peak
2	10409.160	55.21	-7.09	48.12	68.30	-20.18	peak
3	12272.360	54.03	-6.01	48.02	74.00	-25.98	peak

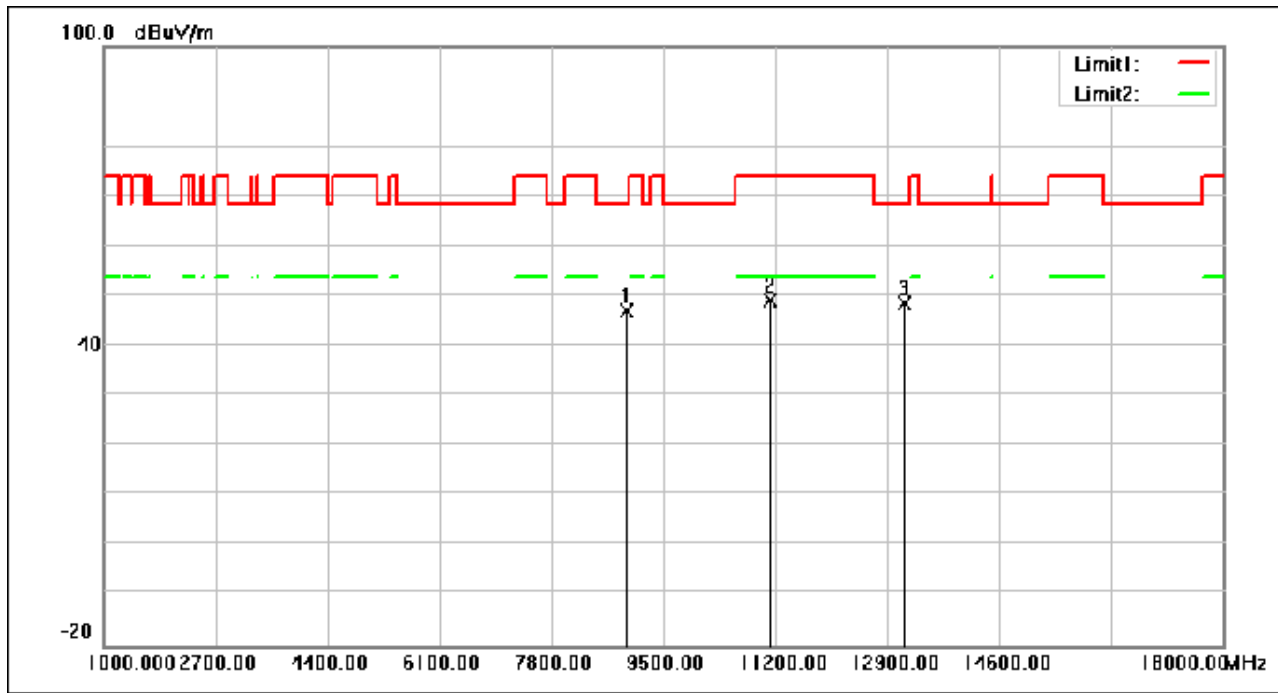
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8951.920	56.14	-9.00	47.14	68.30	-21.16	peak
2	11131.320	55.76	-6.66	49.10	74.00	-24.90	peak
3	13161.120	54.71	-6.28	48.43	68.30	-19.87	peak

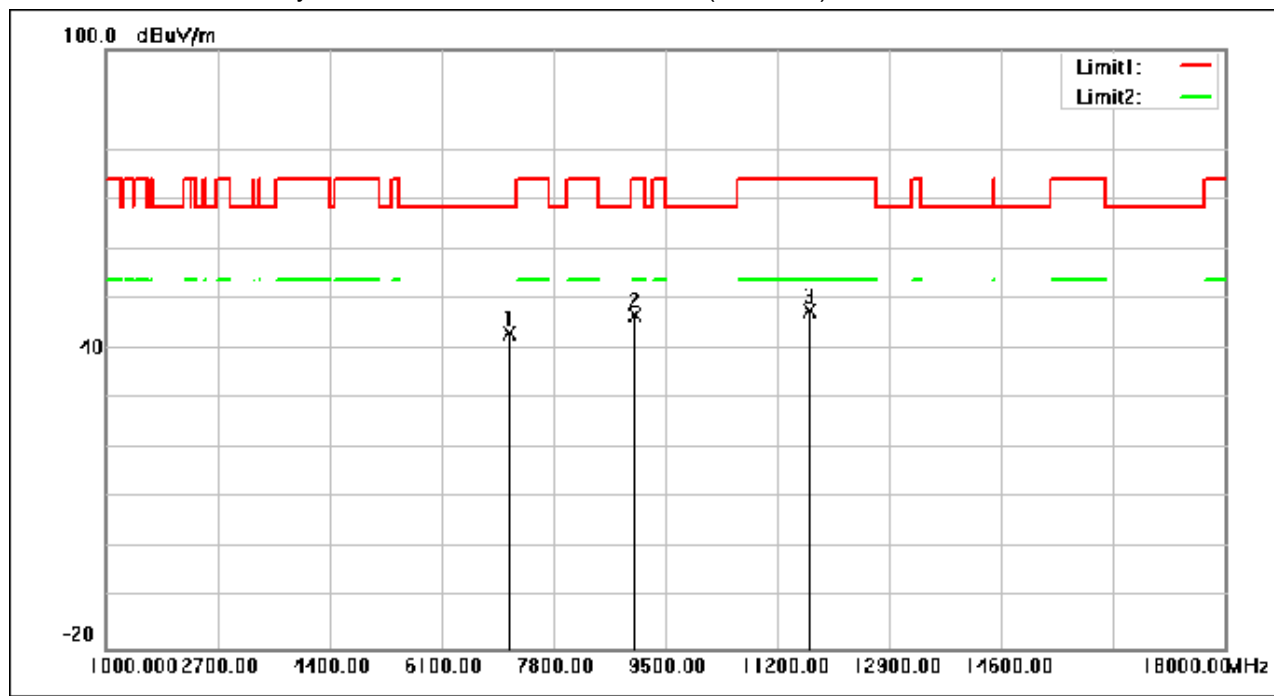
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; 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	7146.520	54.52	-11.50	43.02	68.30	-25.28	peak
2	9030.800	55.55	-8.84	46.71	74.00	-27.29	peak
3	11693.000	53.99	-6.21	47.78	74.00	-26.22	peak

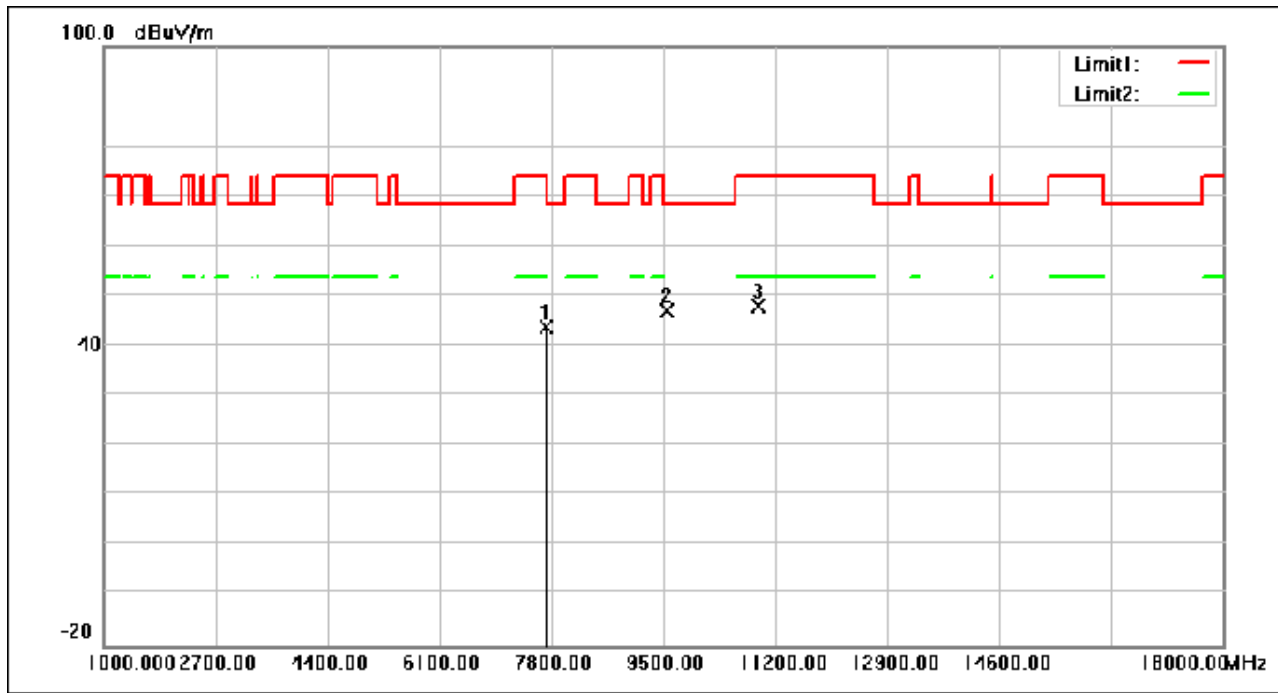
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; 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	7730.640	54.83	-10.96	43.87	74.00	-30.13	peak
2	9564.600	54.77	-7.84	46.93	68.30	-21.37	peak
3	10930.720	54.81	-6.80	48.01	74.00	-25.99	peak

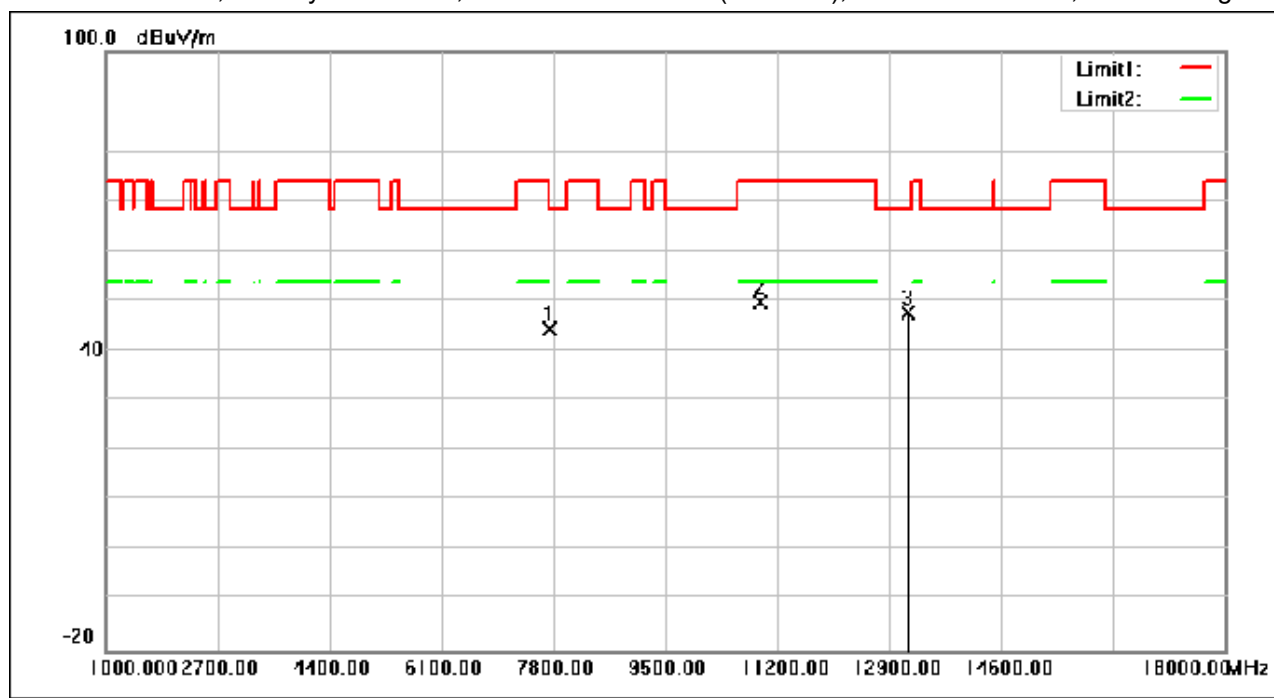
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7744.920	55.16	-10.94	44.22	74.00	-29.78	peak
2	10934.120	56.60	-6.80	49.80	74.00	-24.20	peak
3	13196.480	53.89	-6.29	47.60	68.30	-20.70	peak

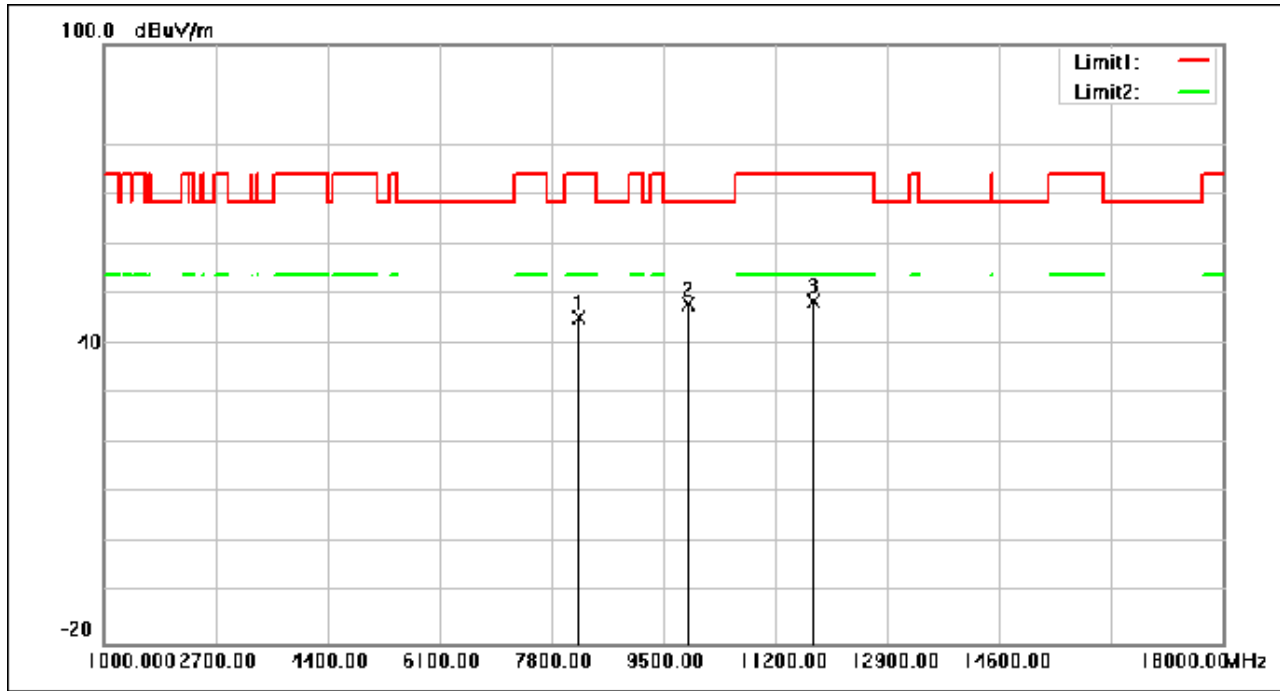
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8241.320	55.52	-10.18	45.34	74.00	-28.66	peak
2	9880.800	55.13	-7.30	47.83	68.30	-20.47	peak
3	11793.640	54.69	-6.13	48.56	74.00	-25.44	peak

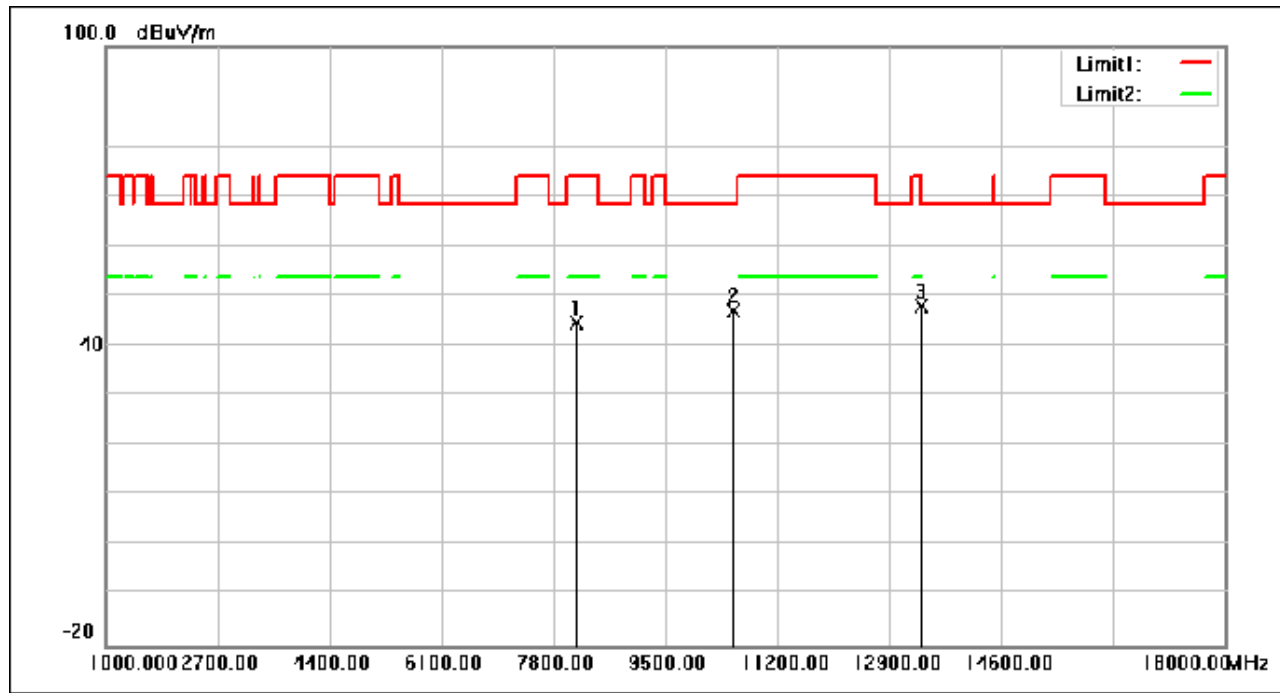
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8151.560	55.02	-10.32	44.70	74.00	-29.30	peak
2	10551.960	54.18	-7.01	47.17	68.30	-21.13	peak
3	13381.440	54.37	-6.32	48.05	74.00	-25.95	peak

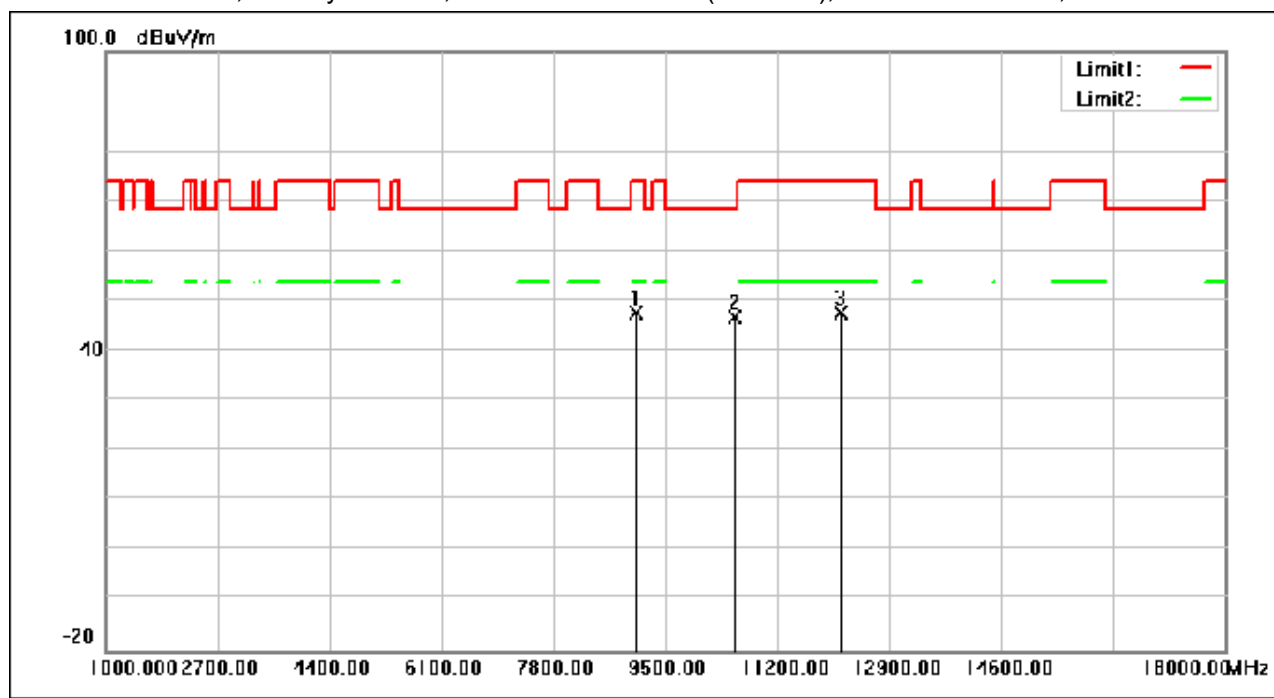
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	9072.960	56.38	-8.76	47.62	74.00	-26.38	peak
2	10566.240	53.63	-7.00	46.63	68.30	-21.67	peak
3	12173.080	53.62	-5.97	47.65	74.00	-26.35	peak

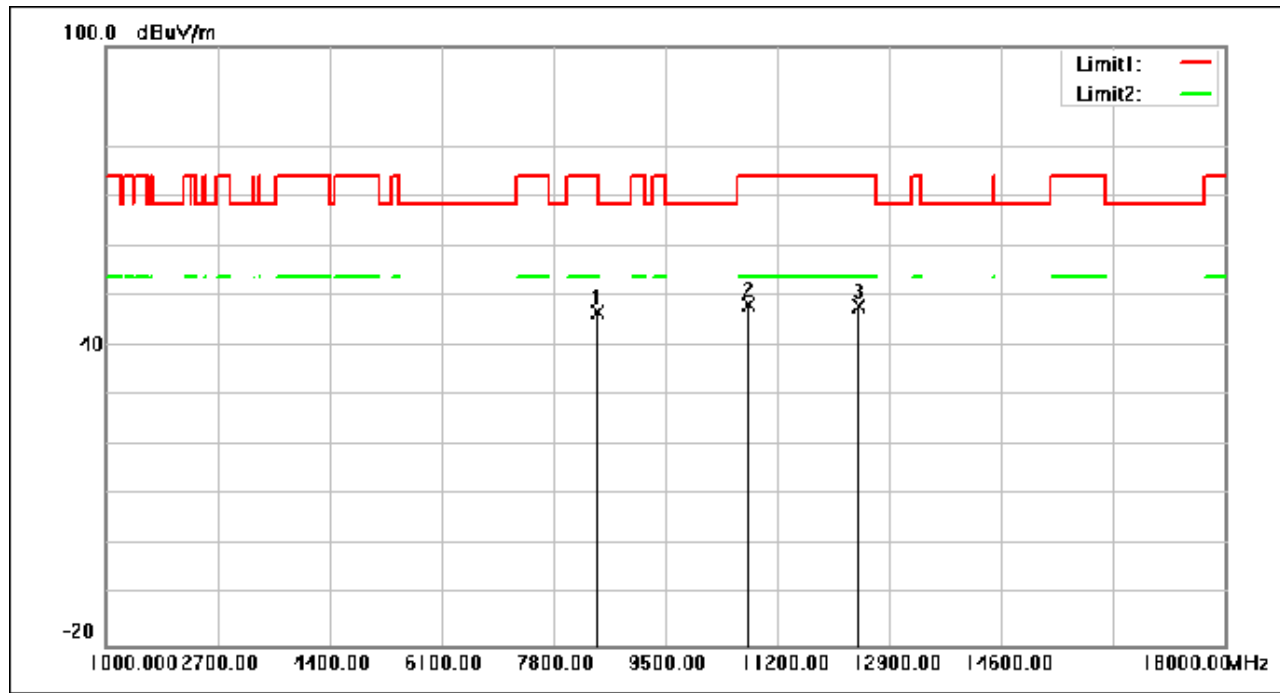
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8467.760	56.50	-9.81	46.69	74.00	-27.31	peak
2	10762.080	55.03	-6.89	48.14	74.00	-25.86	peak
3	12453.920	54.12	-6.09	48.03	74.00	-25.97	peak

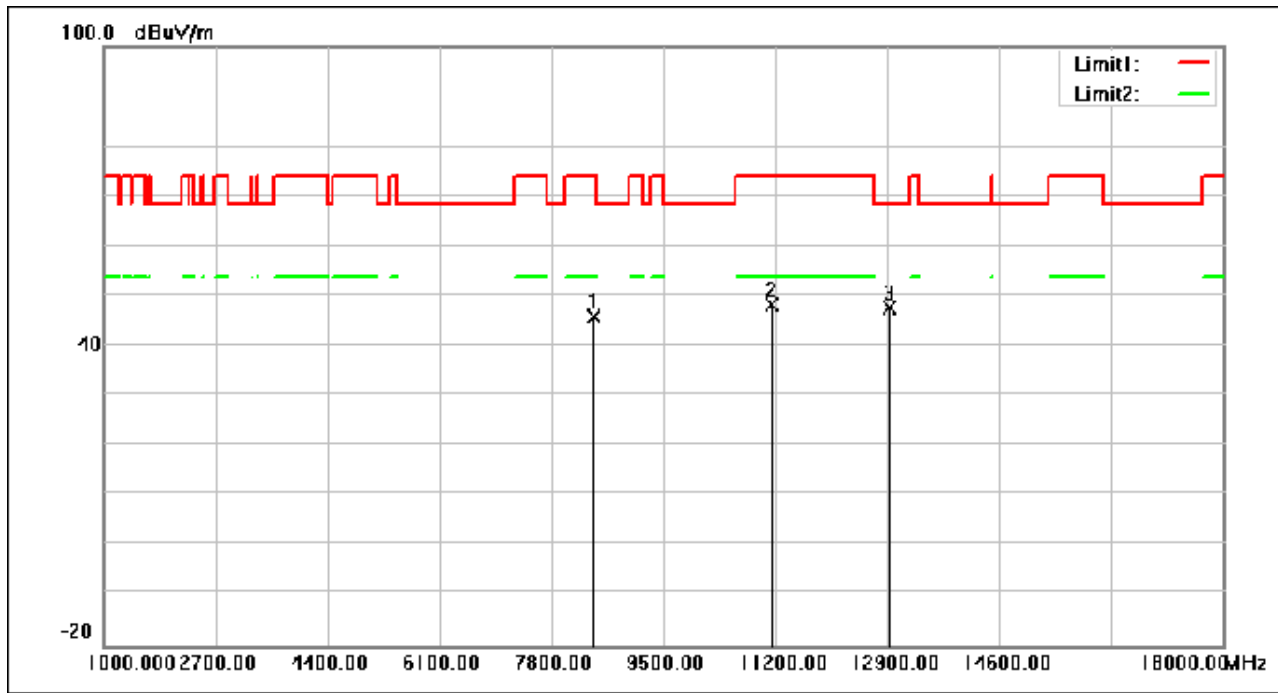
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8448.720	55.56	-9.84	45.72	74.00	-28.28	peak
2	11148.320	54.74	-6.64	48.10	74.00	-25.90	peak
3	12940.120	54.00	-6.31	47.69	68.30	-20.61	peak

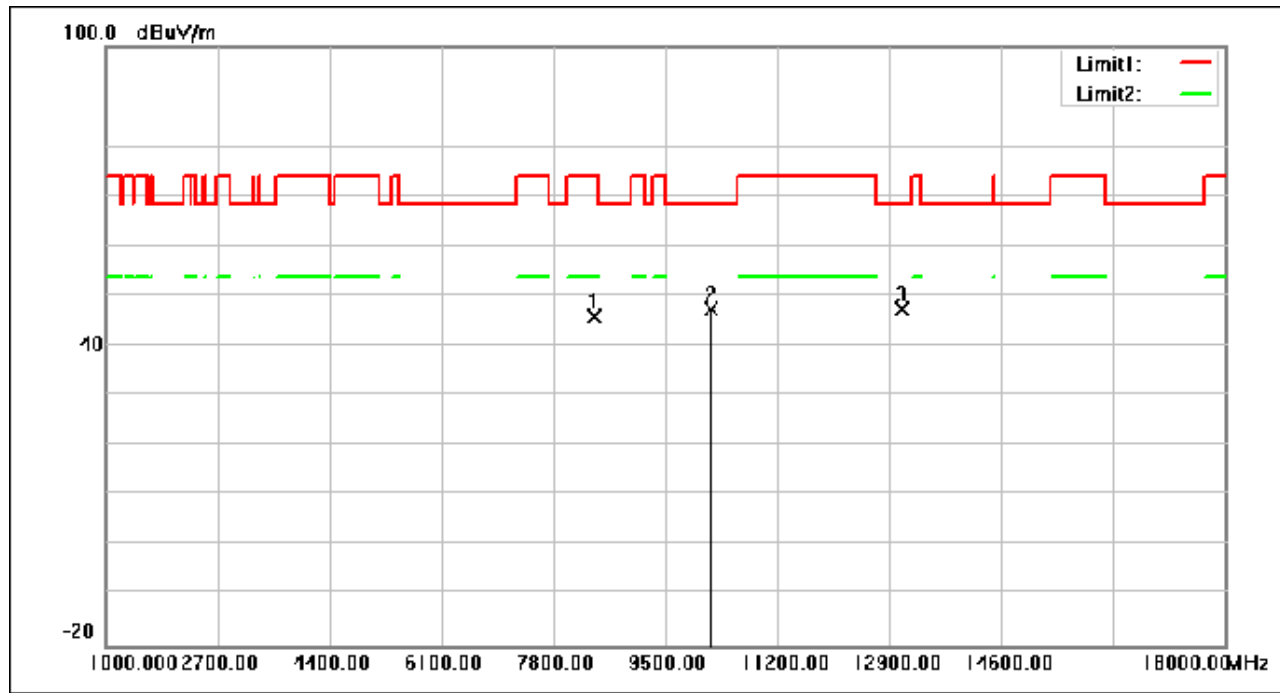
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Test Mode: 11; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8416.760	55.68	-9.89	45.79	74.00	-28.21	peak
2	10193.600	54.66	-7.21	47.45	68.30	-20.85	peak
3	13100.600	53.53	-6.28	47.25	68.30	-21.05	peak

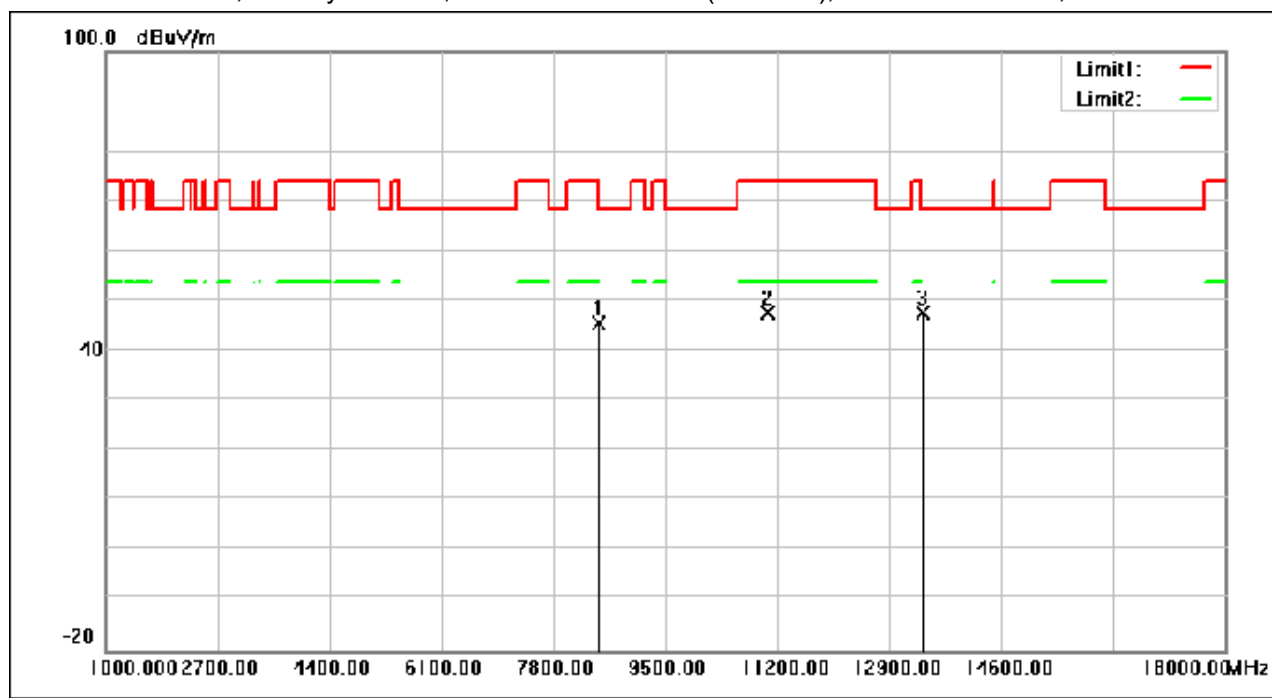
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8504.480	55.16	-9.75	45.41	68.30	-22.89	peak
2	11063.320	54.22	-6.71	47.51	74.00	-26.49	peak
3	13424.280	53.94	-6.33	47.61	68.30	-20.69	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: 21.9 °C

Humidity: 52.3 % RH

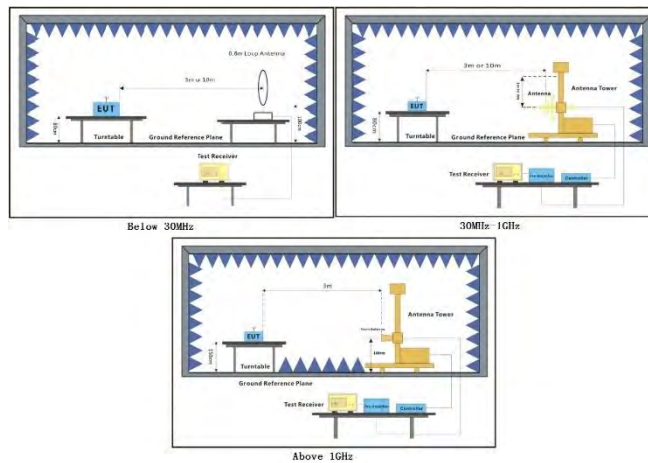
Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.

Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 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: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

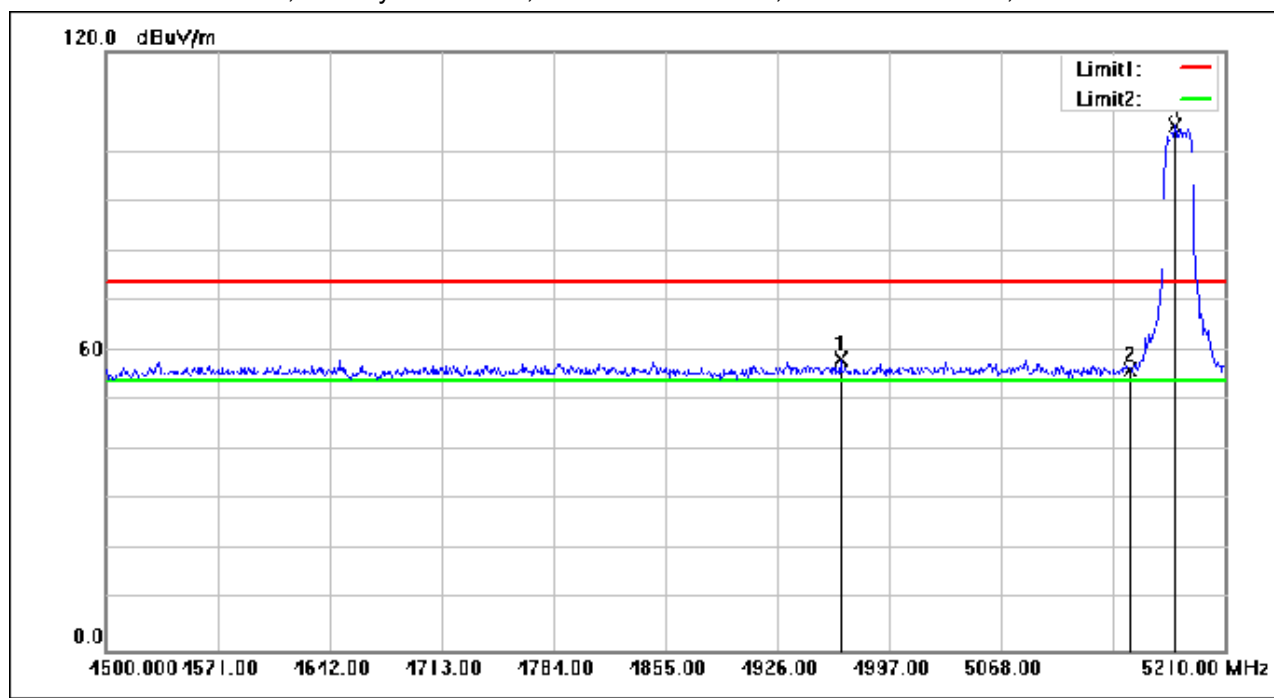
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4965.760	76.84	-18.47	58.37	74.00	-15.63	peak
2	5150.000	74.50	-18.21	56.29	74.00	-17.71	peak
3	5178.050	123.22	-18.17	105.05	74.00	31.05	peak

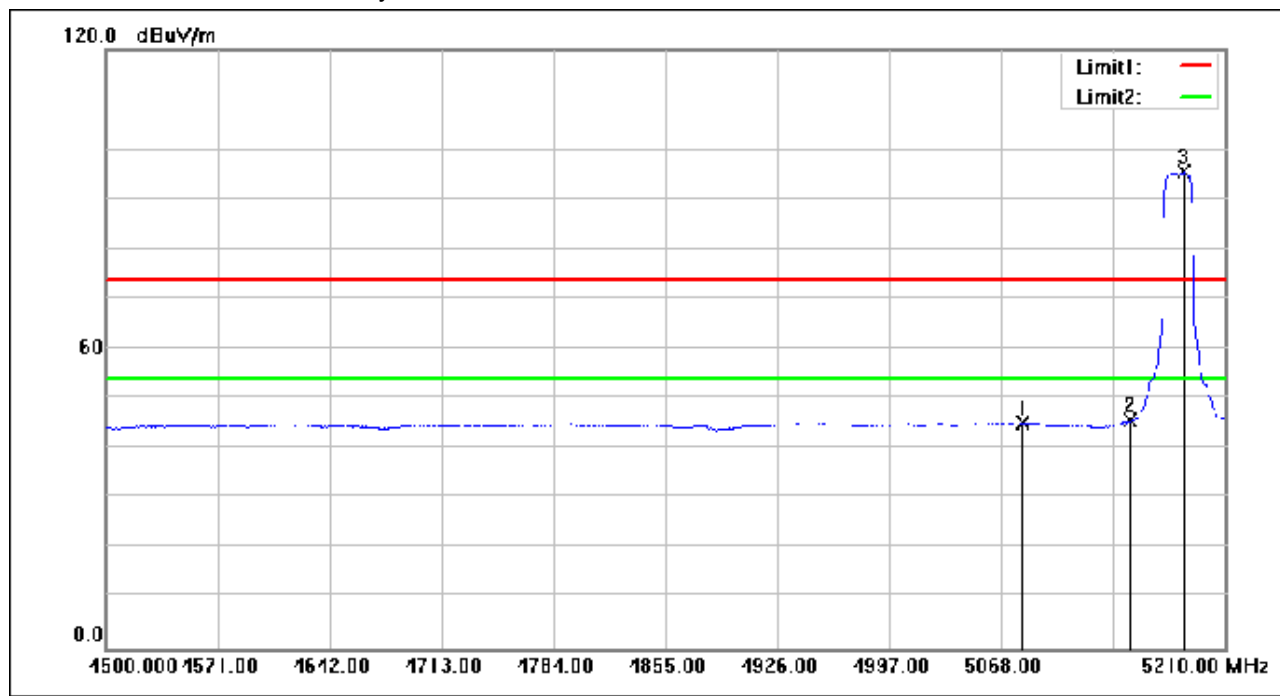
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5081.490	63.49	-18.31	45.18	54.00	-8.82	AVG
2	5150.000	63.87	-18.21	45.66	54.00	-8.34	AVG
3	5183.730	113.80	-18.16	95.64	54.00	41.64	AVG

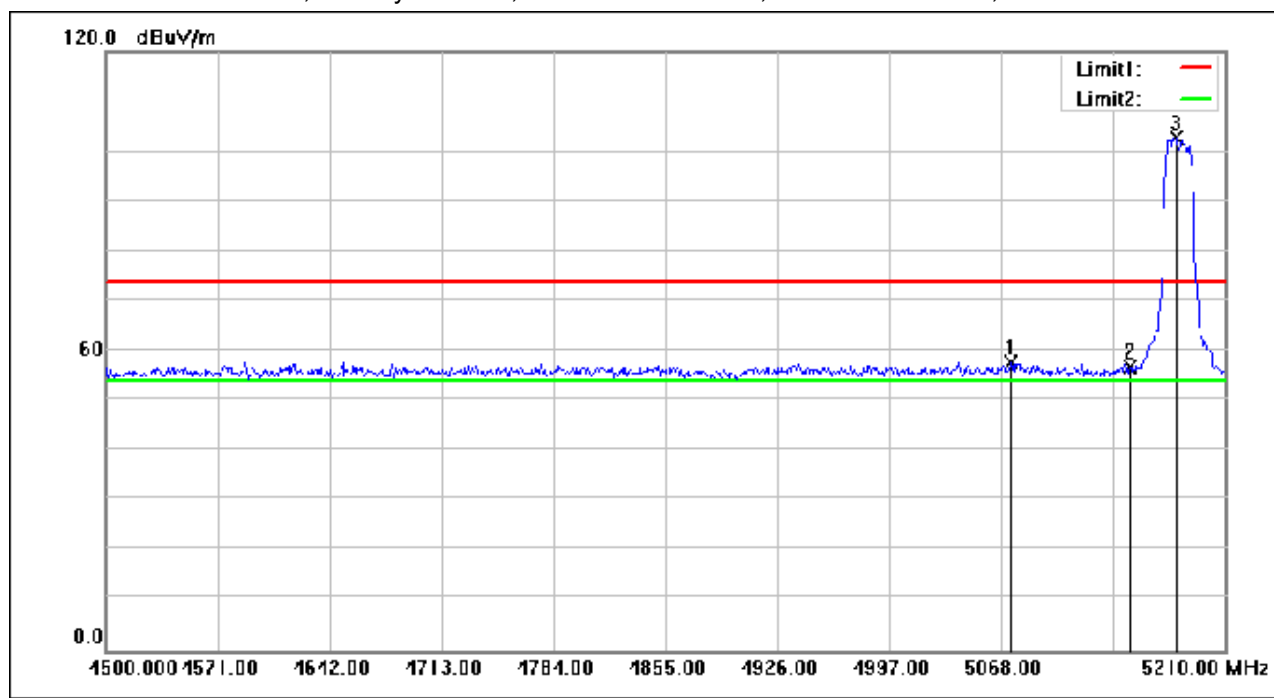
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Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5074.390	76.10	-18.32	57.78	74.00	-16.22	peak
2	5150.000	74.91	-18.21	56.70	74.00	-17.30	peak
3	5178.760	121.02	-18.17	102.85	74.00	28.85	peak

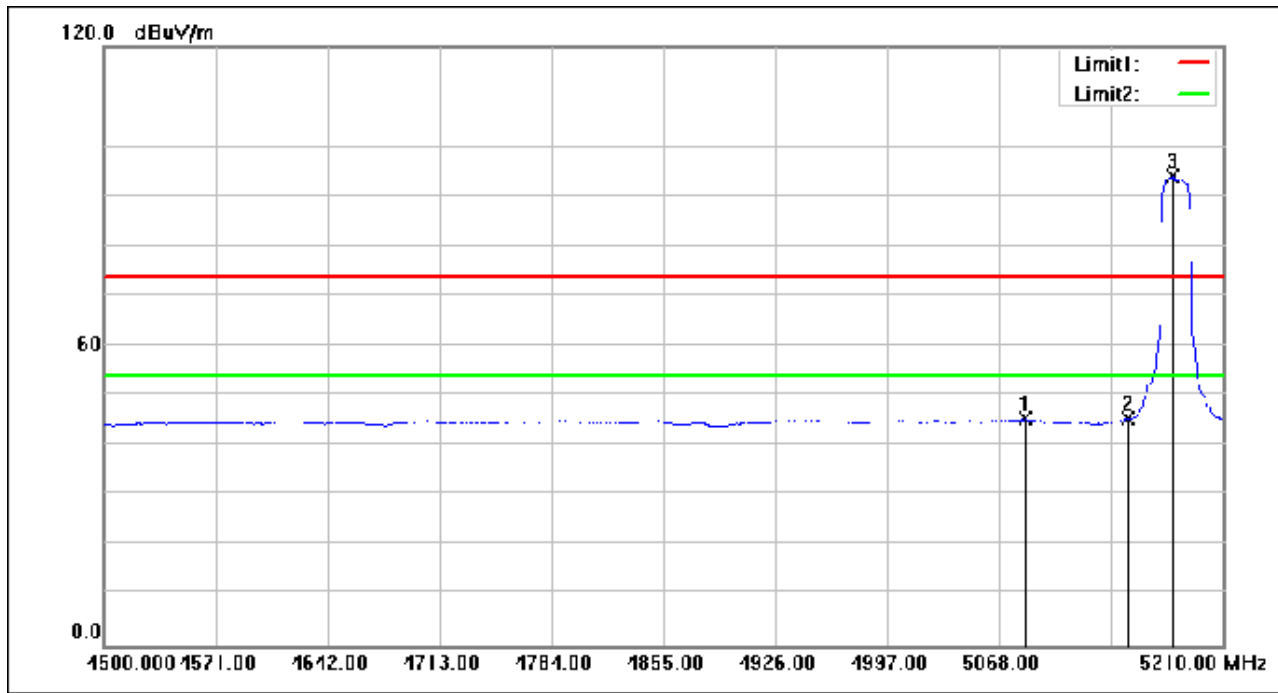
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Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.330	63.71	-18.31	45.40	54.00	-8.60	AVG
2	5150.000	63.55	-18.21	45.34	54.00	-8.66	AVG
3	5178.050	112.11	-18.17	93.94	54.00	39.94	AVG

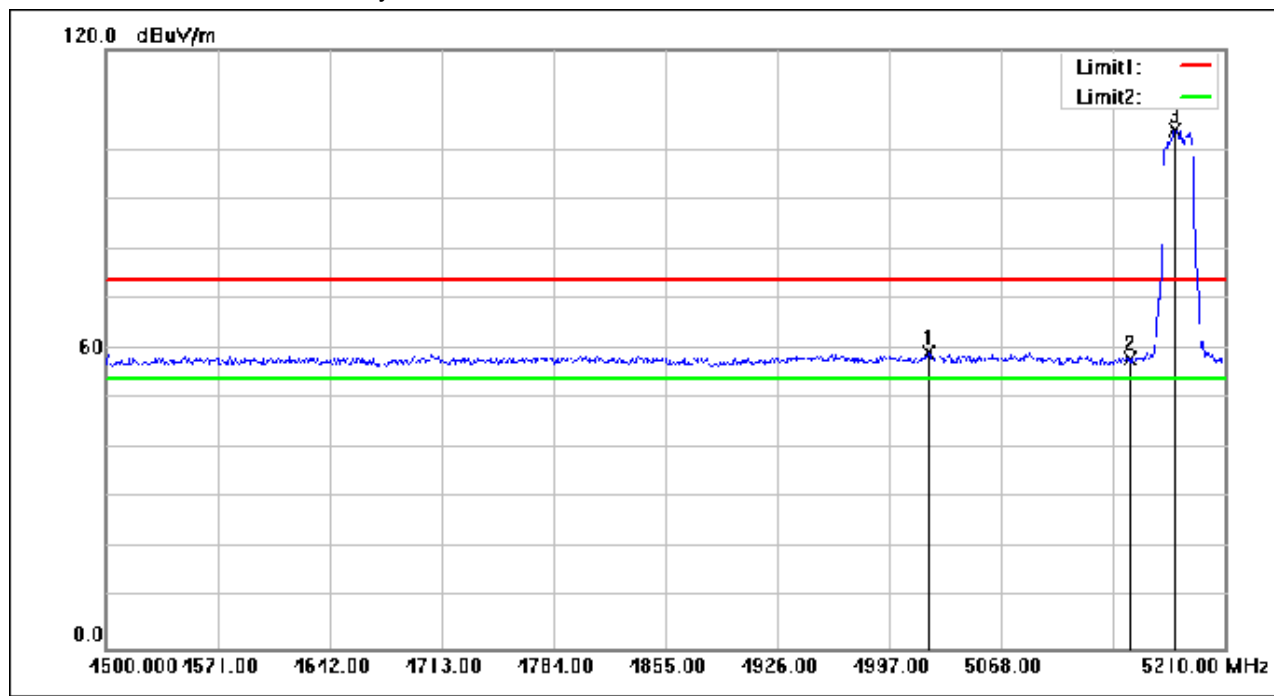
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5021.850	77.55	-18.41	59.14	74.00	-14.86	peak
2	5150.000	76.18	-18.21	57.97	74.00	-16.03	peak
3	5178.050	122.12	-18.17	103.95	74.00	29.95	peak

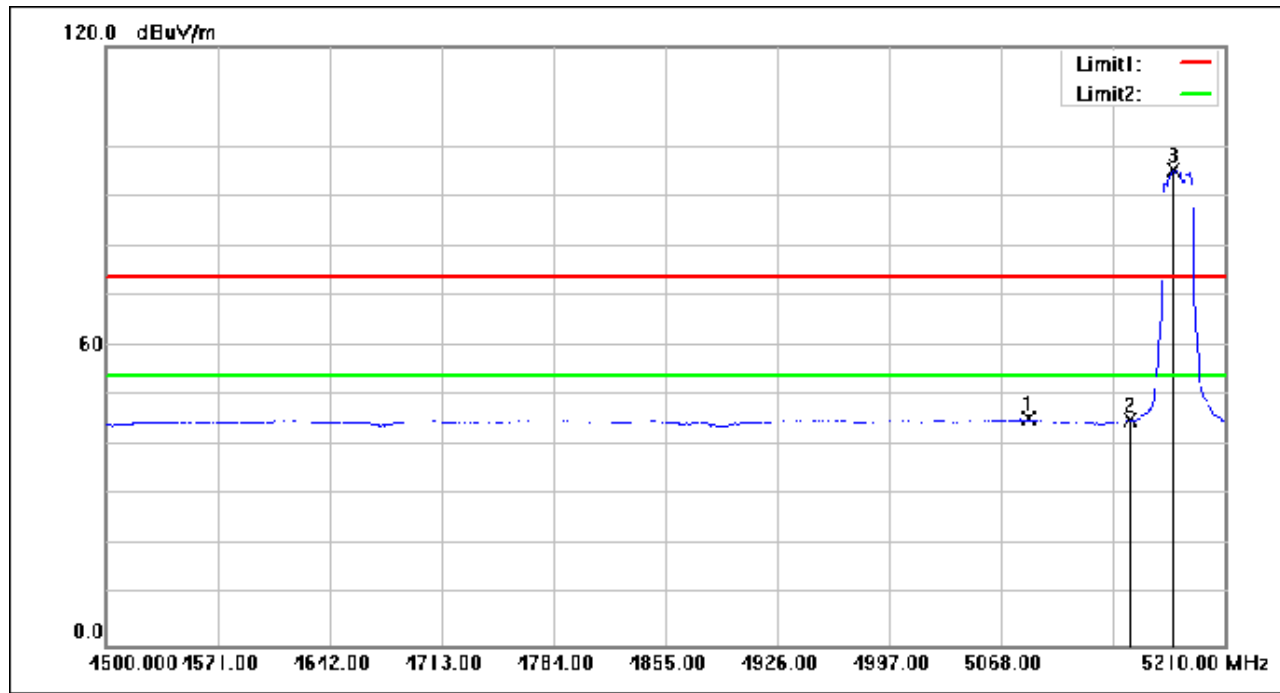
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.750	63.68	-18.31	45.37	54.00	-8.63	AVG
2	5150.000	63.46	-18.21	45.25	54.00	-8.75	AVG
3	5177.340	113.43	-18.17	95.26	54.00	41.26	AVG

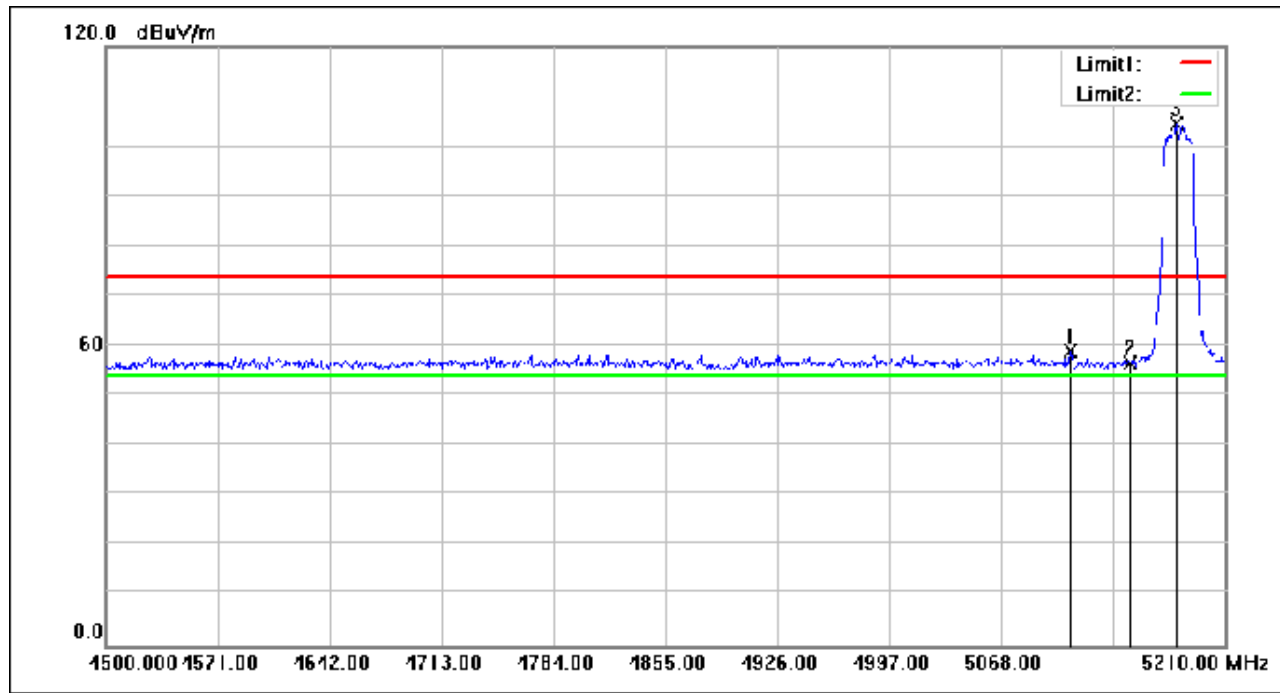
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5112.020	77.20	-18.26	58.94	74.00	-15.06	peak
2	5150.000	74.70	-18.21	56.49	74.00	-17.51	peak
3	5178.760	122.71	-18.17	104.54	74.00	30.54	peak

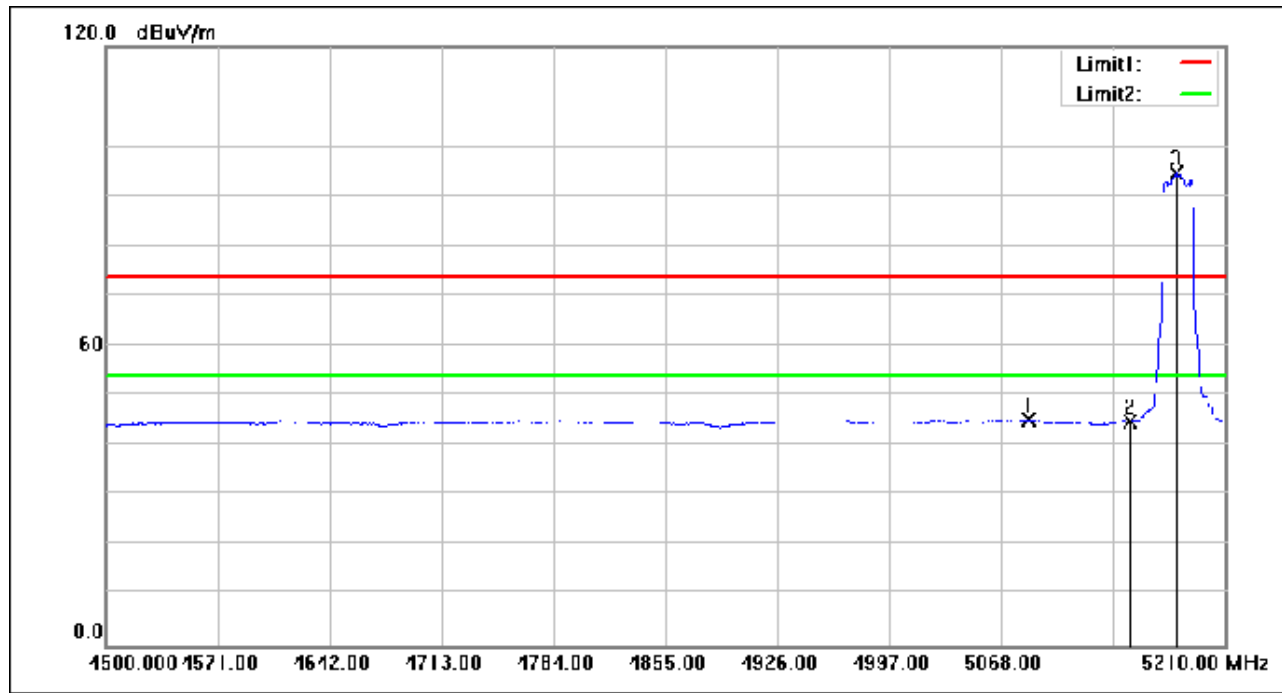
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.750	63.58	-18.31	45.27	54.00	-8.73	AVG
2	5150.000	63.18	-18.21	44.97	54.00	-9.03	AVG
3	5178.760	112.84	-18.17	94.67	54.00	40.67	AVG

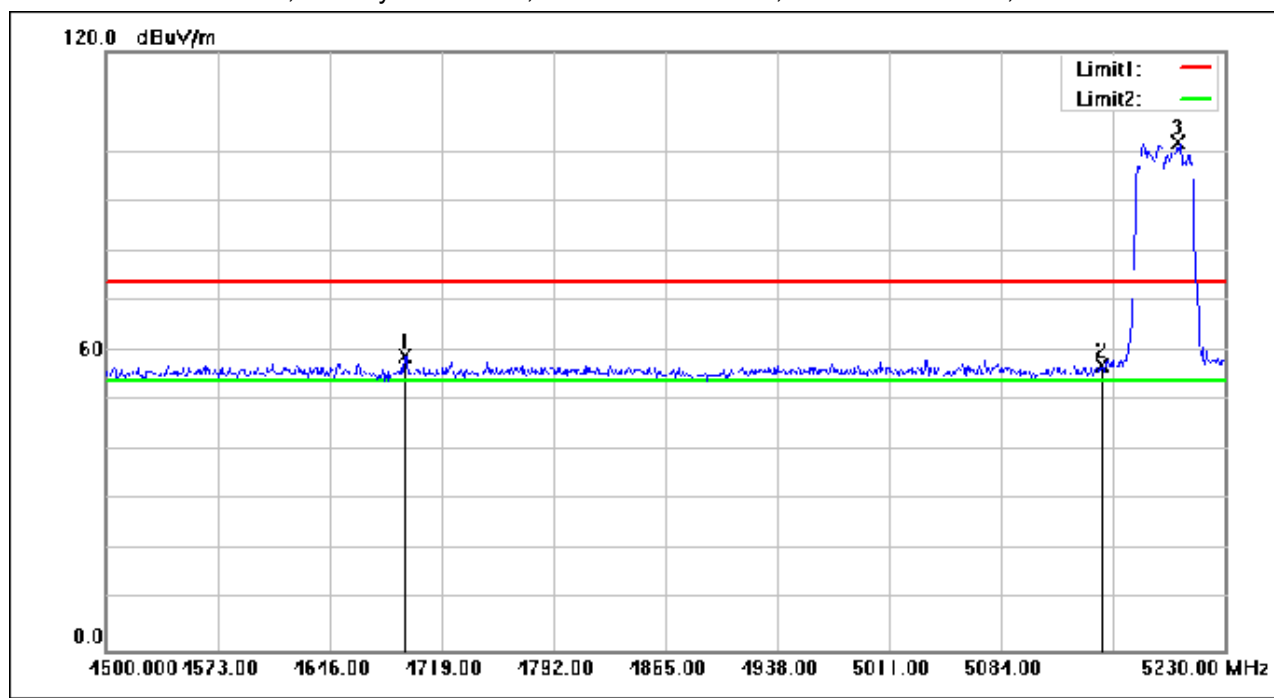
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4694.910	77.59	-18.63	58.96	74.00	-15.04	peak
2	5150.000	75.29	-18.21	57.08	74.00	-16.92	peak
3	5199.340	119.86	-18.14	101.72	74.00	27.72	peak

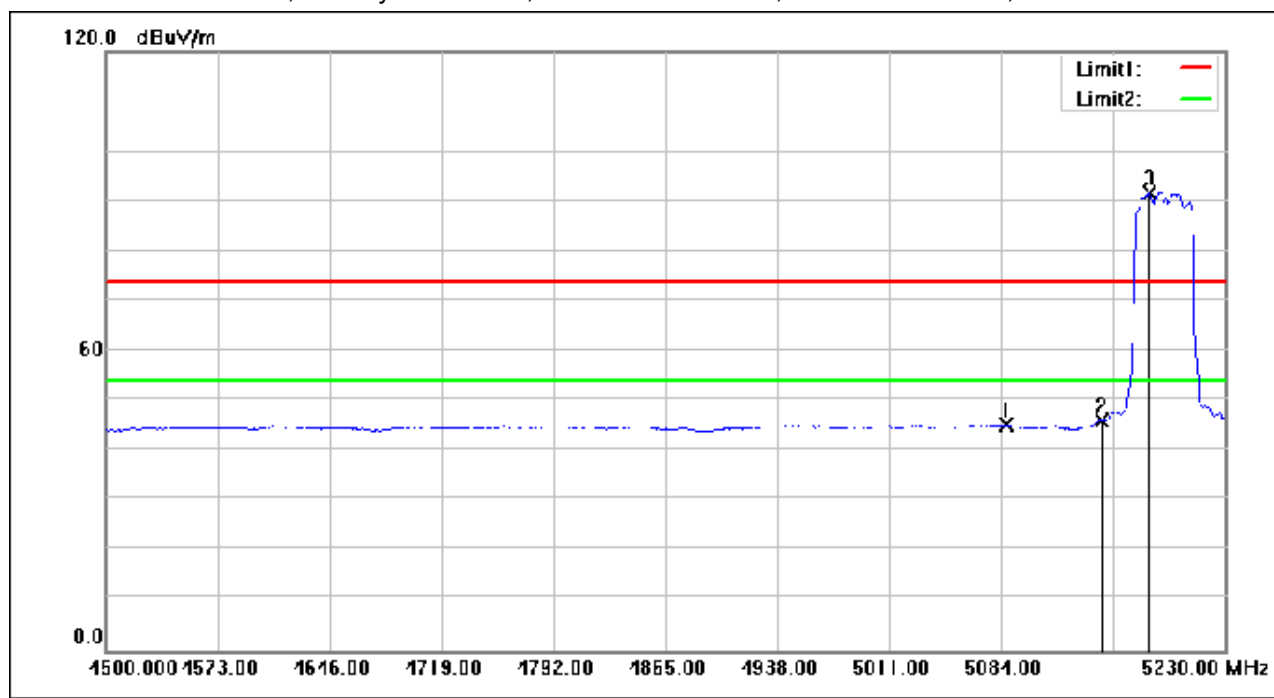
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.920	63.52	-18.31	45.21	54.00	-8.79	AVG
2	5150.000	64.38	-18.21	46.17	54.00	-7.83	AVG
3	5181.090	109.94	-18.17	91.77	54.00	37.77	AVG

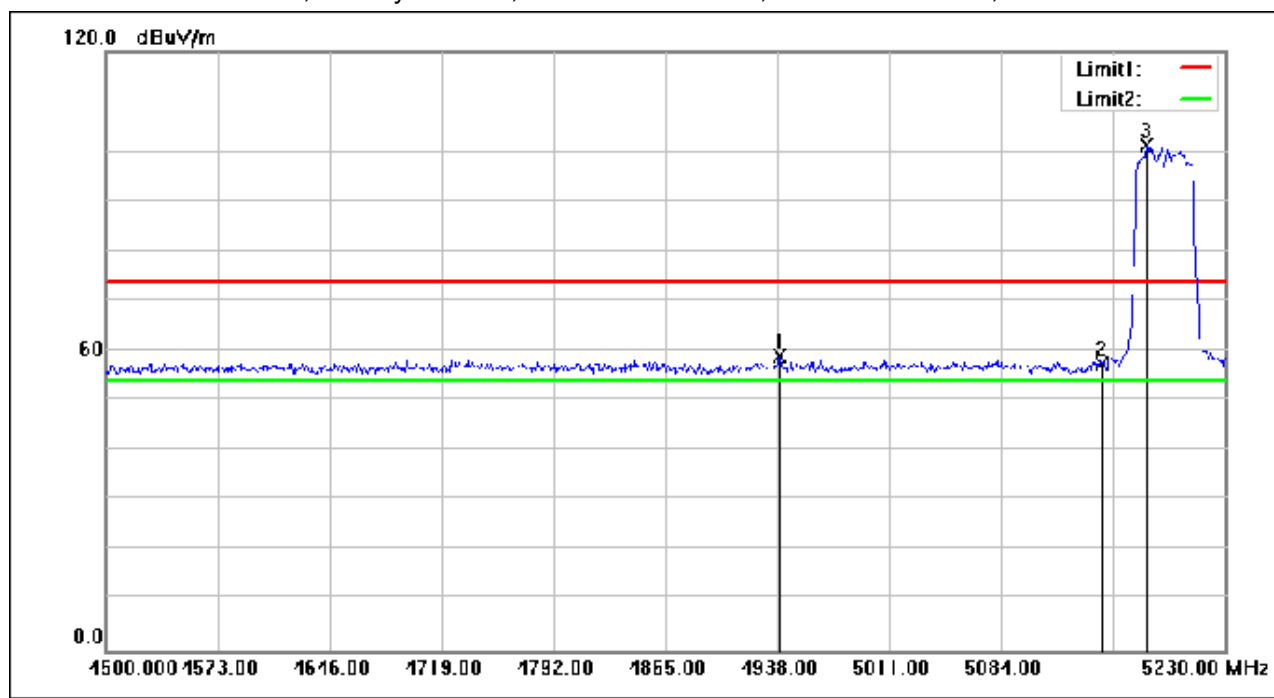
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4939.460	77.52	-18.48	59.04	74.00	-14.96	peak
2	5150.000	75.62	-18.21	57.41	74.00	-16.59	peak
3	5178.900	119.48	-18.17	101.31	74.00	27.31	peak

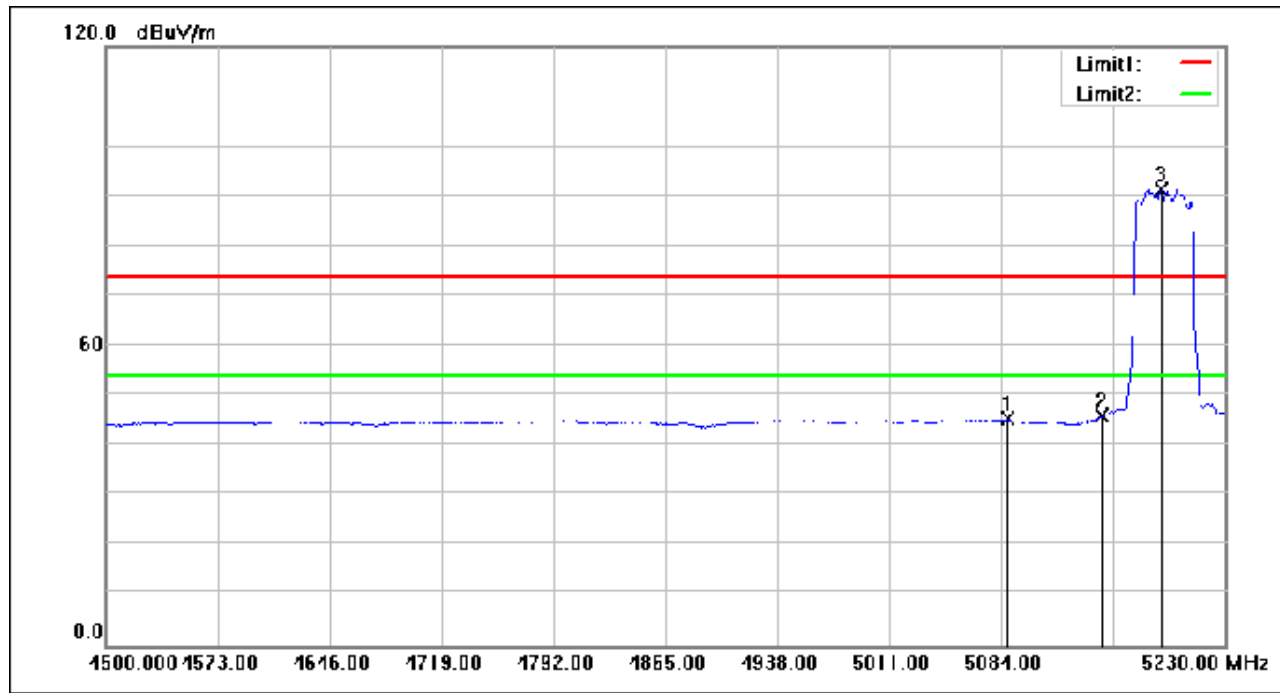
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Test Mode: 08; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5088.380	63.68	-18.31	45.37	54.00	-8.63	AVG
2	5150.000	64.28	-18.21	46.07	54.00	-7.93	AVG
3	5188.390	109.46	-18.16	91.30	54.00	37.30	AVG

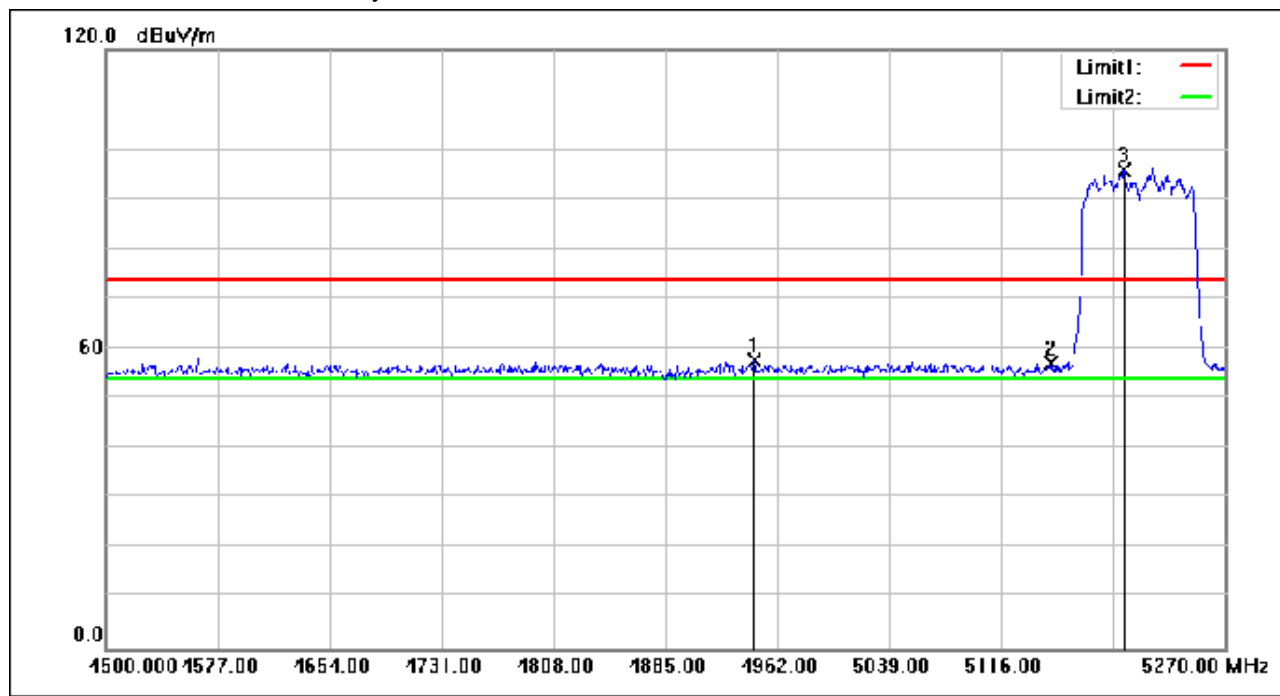
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4945.830	76.30	-18.48	57.82	74.00	-16.18	peak
2	5150.000	75.22	-18.21	57.01	74.00	-16.99	peak
3	5200.700	114.09	-18.14	95.95	74.00	21.95	peak

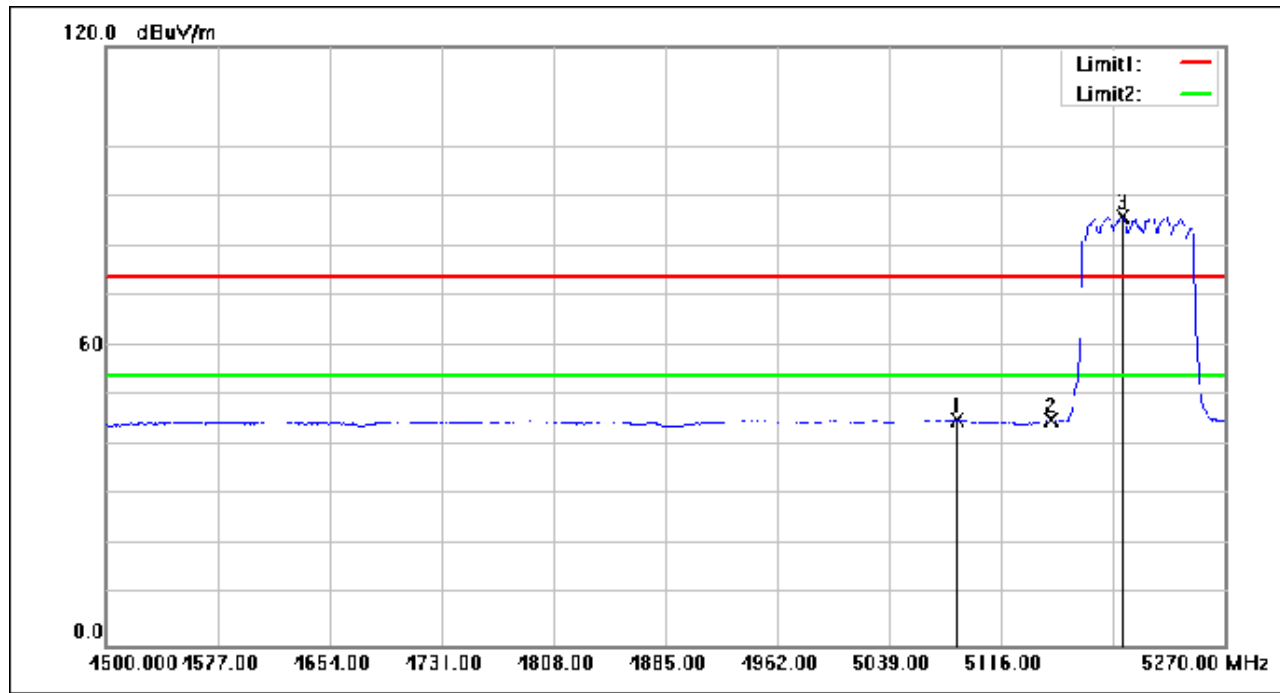
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5085.200	63.54	-18.31	45.23	54.00	-8.77	AVG
2	5150.000	63.25	-18.21	45.04	54.00	-8.96	AVG
3	5199.160	104.06	-18.14	85.92	54.00	31.92	AVG

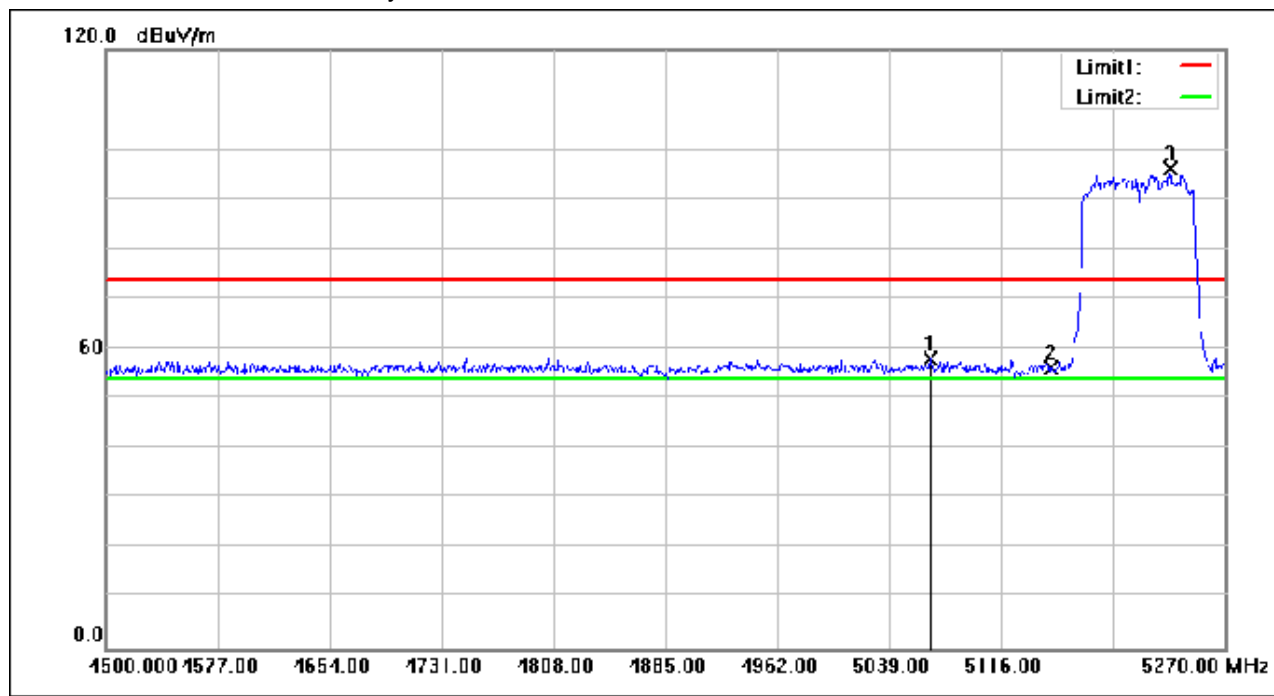
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5066.720	76.45	-18.34	58.11	74.00	-15.89	peak
2	5150.000	74.57	-18.21	56.36	74.00	-17.64	peak
3	5232.270	114.29	-18.09	96.20	74.00	22.20	peak

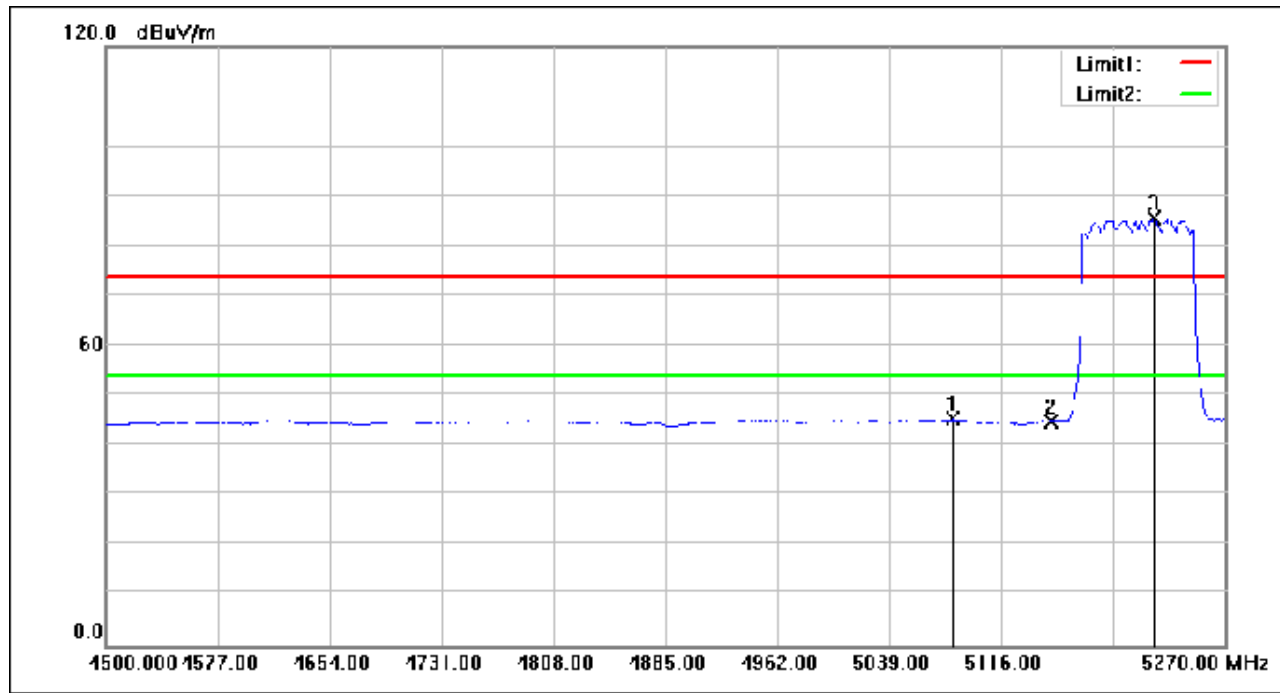
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5082.120	63.67	-18.31	45.36	54.00	-8.64	AVG
2	5150.000	63.18	-18.21	44.97	54.00	-9.03	AVG
3	5221.490	103.81	-18.11	85.70	54.00	31.70	AVG

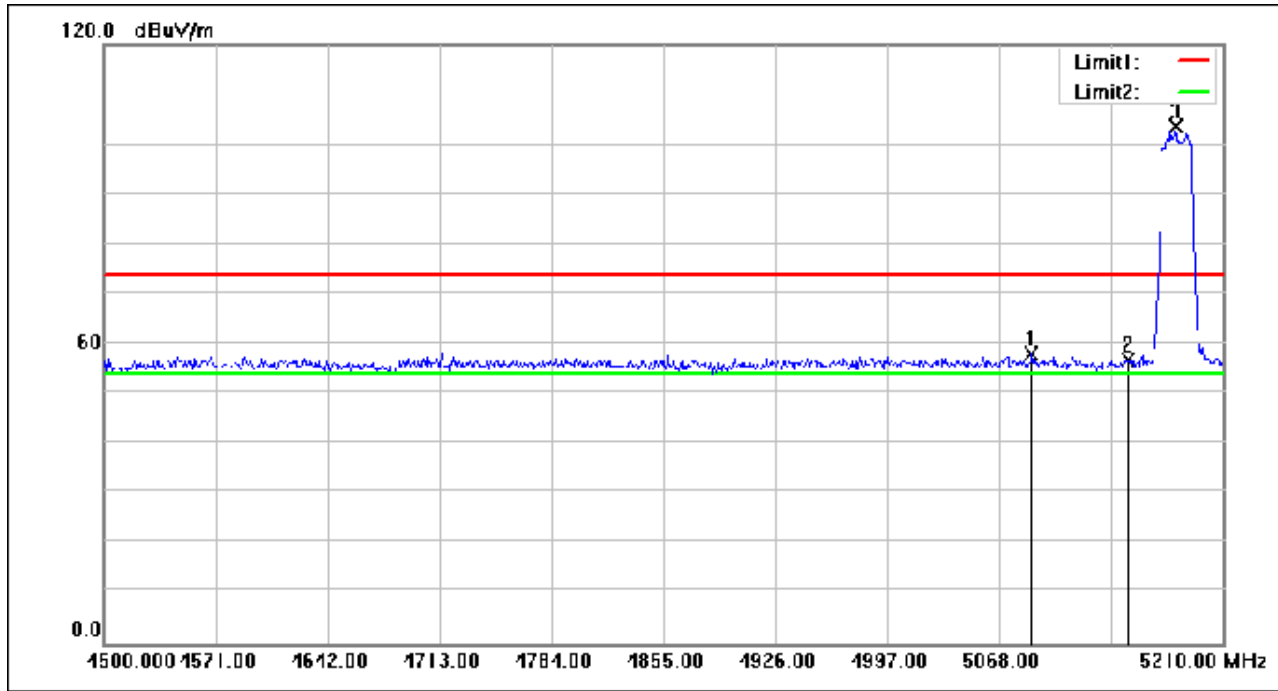
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5088.590	76.28	-18.31	57.97	74.00	-16.03	peak
2	5150.000	75.06	-18.21	56.85	74.00	-17.15	peak
3	5180.180	121.79	-18.17	103.62	74.00	29.62	peak

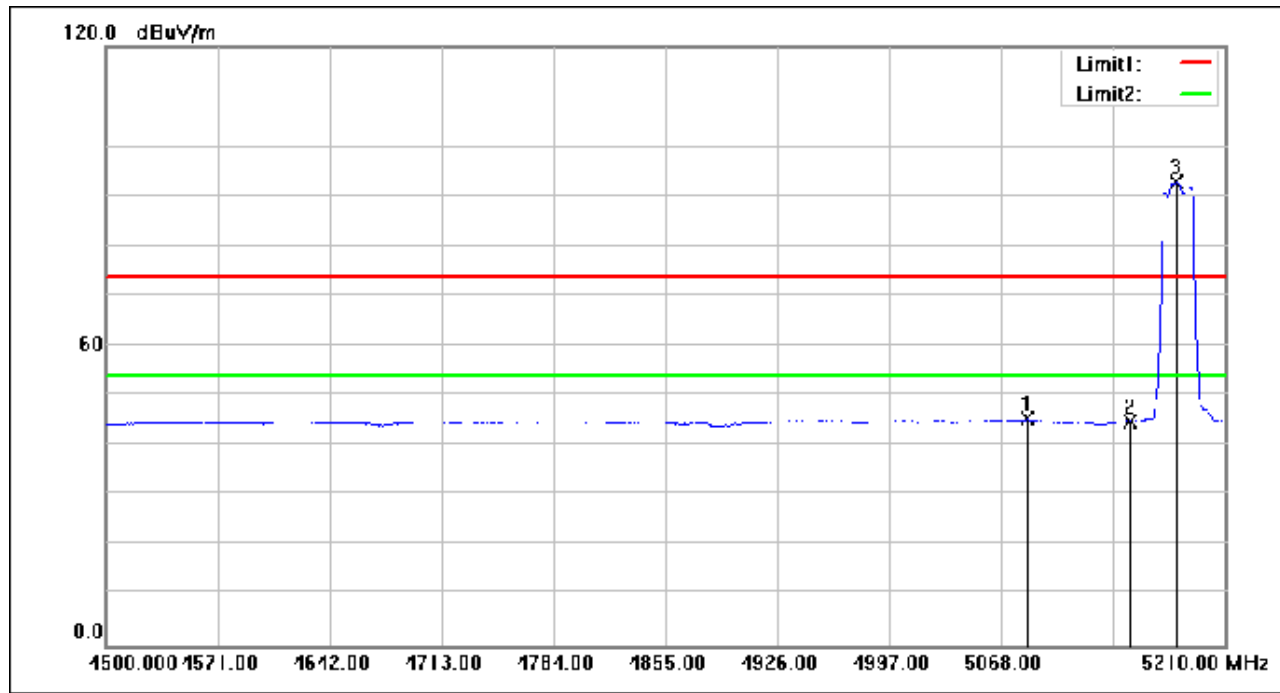
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.330	63.66	-18.31	45.35	54.00	-8.65	AVG
2	5150.000	63.20	-18.21	44.99	54.00	-9.01	AVG
3	5178.760	111.08	-18.17	92.91	54.00	38.91	AVG

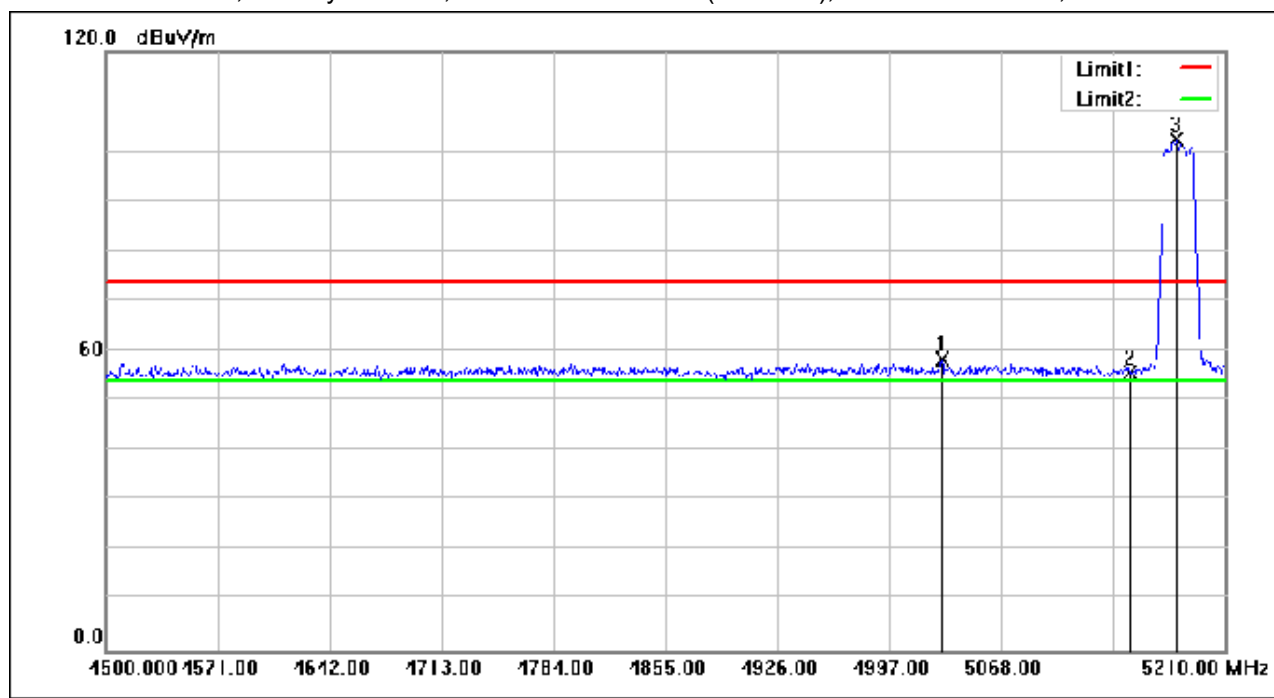
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5030.370	76.65	-18.39	58.26	74.00	-15.74	peak
2	5150.000	73.97	-18.21	55.76	74.00	-18.24	peak
3	5179.470	120.49	-18.17	102.32	74.00	28.32	peak

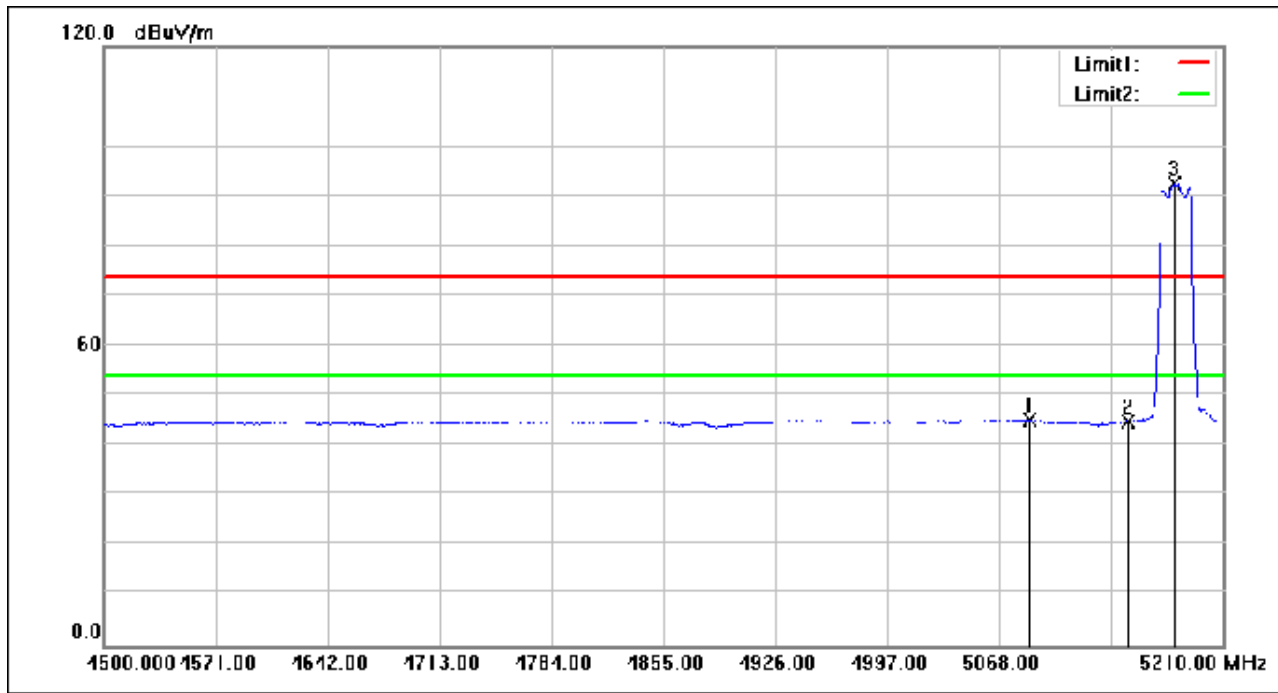
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5087.170	63.57	-18.31	45.26	54.00	-8.74	AVG
2	5150.000	62.98	-18.21	44.77	54.00	-9.23	AVG
3	5179.470	110.75	-18.17	92.58	54.00	38.58	AVG

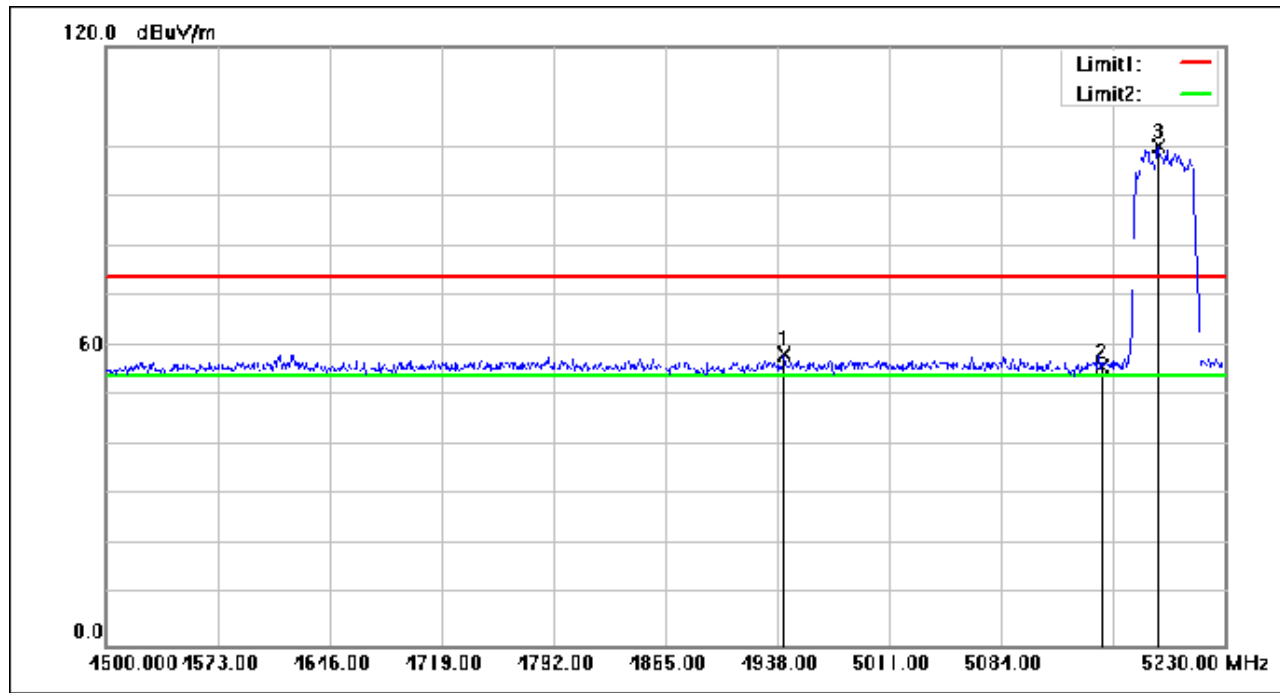
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4942.380	76.79	-18.48	58.31	74.00	-15.69	peak
2	5150.000	74.05	-18.21	55.84	74.00	-18.16	peak
3	5186.200	118.24	-18.16	100.08	74.00	26.08	peak

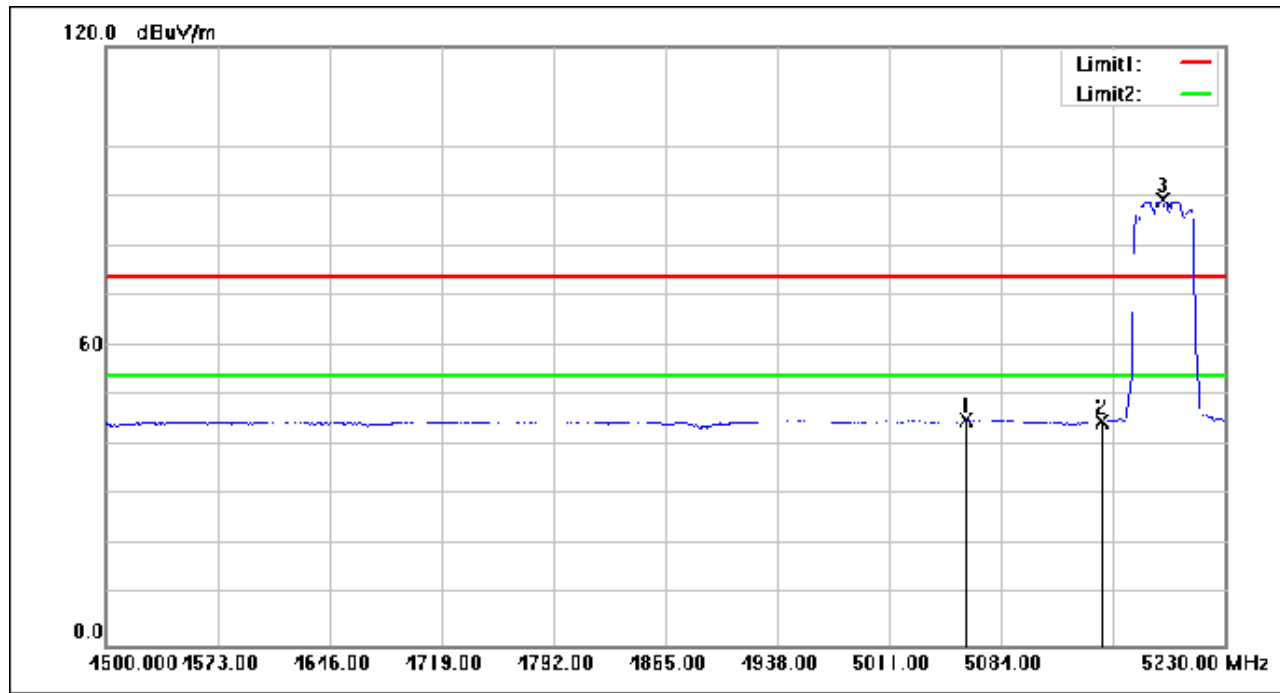
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5061.370	63.52	-18.34	45.18	54.00	-8.82	AVG
2	5150.000	63.01	-18.21	44.80	54.00	-9.20	AVG
3	5189.120	107.33	-18.16	89.17	54.00	35.17	AVG

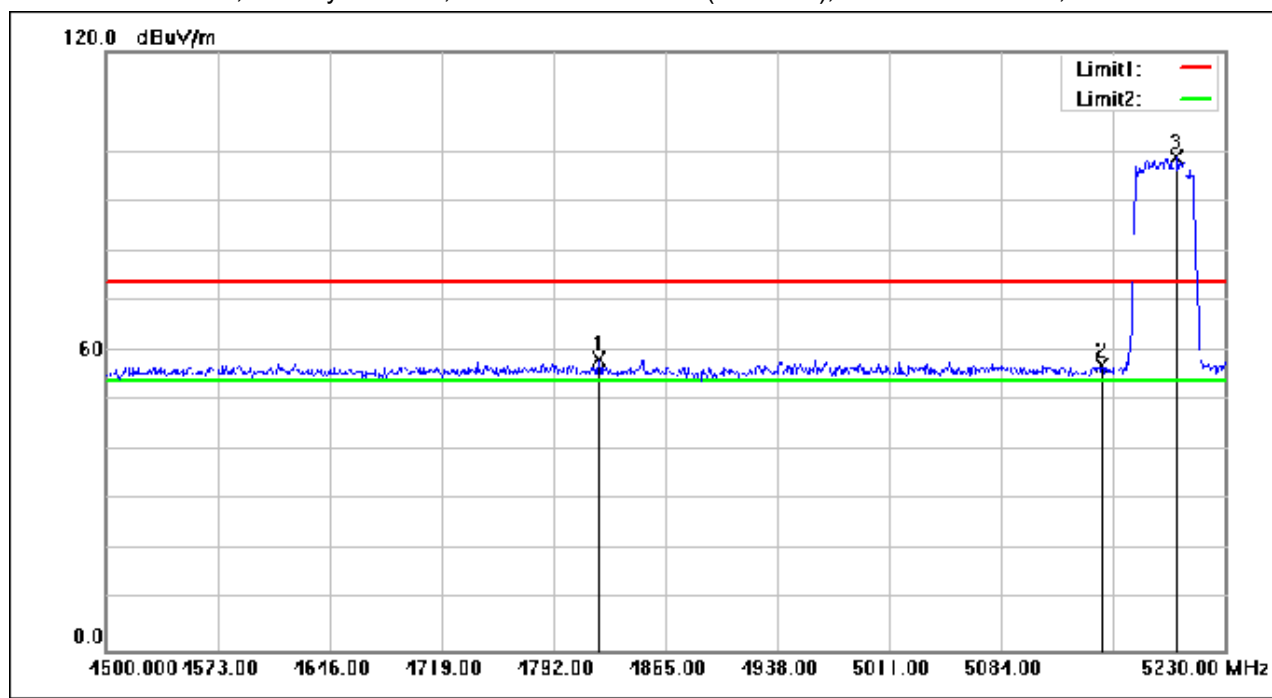
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	4821.200	76.82	-18.55	58.27	74.00	-15.73	peak
2	5150.000	75.48	-18.21	57.27	74.00	-16.73	peak
3	5198.610	116.98	-18.14	98.84	74.00	24.84	peak

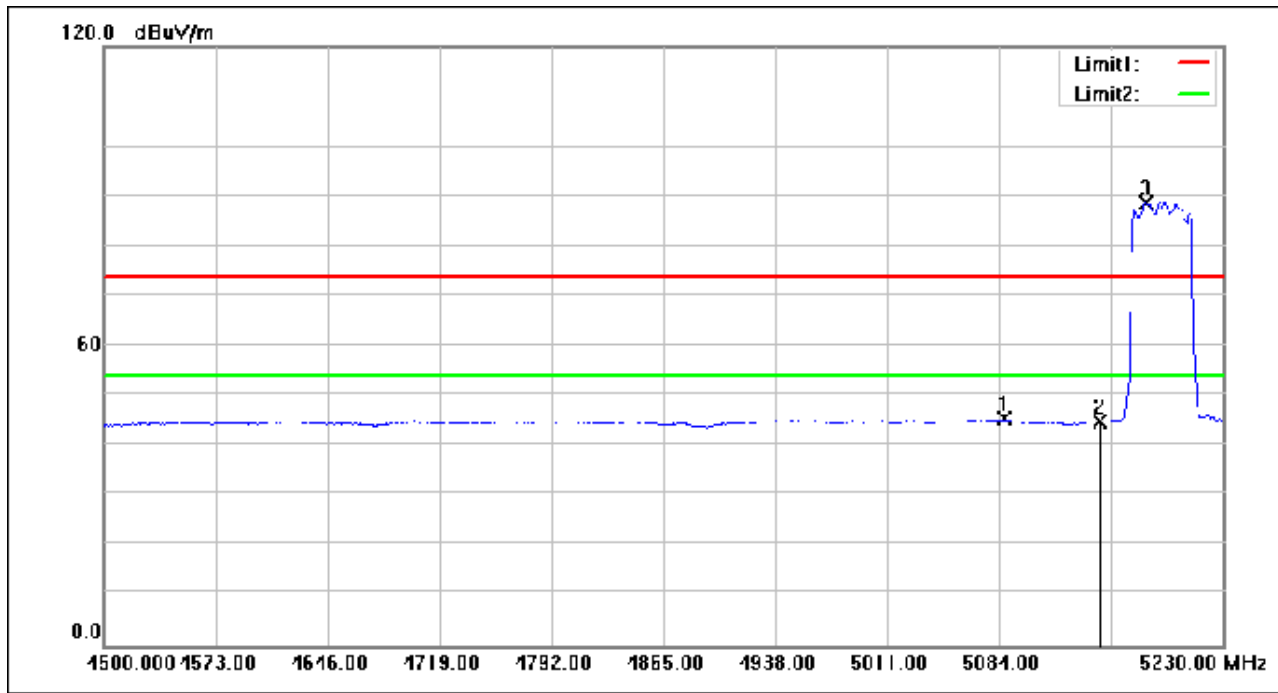
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5086.920	63.68	-18.31	45.37	54.00	-8.63	AVG
2	5150.000	63.17	-18.21	44.96	54.00	-9.04	AVG
3	5179.630	106.95	-18.17	88.78	54.00	34.78	AVG

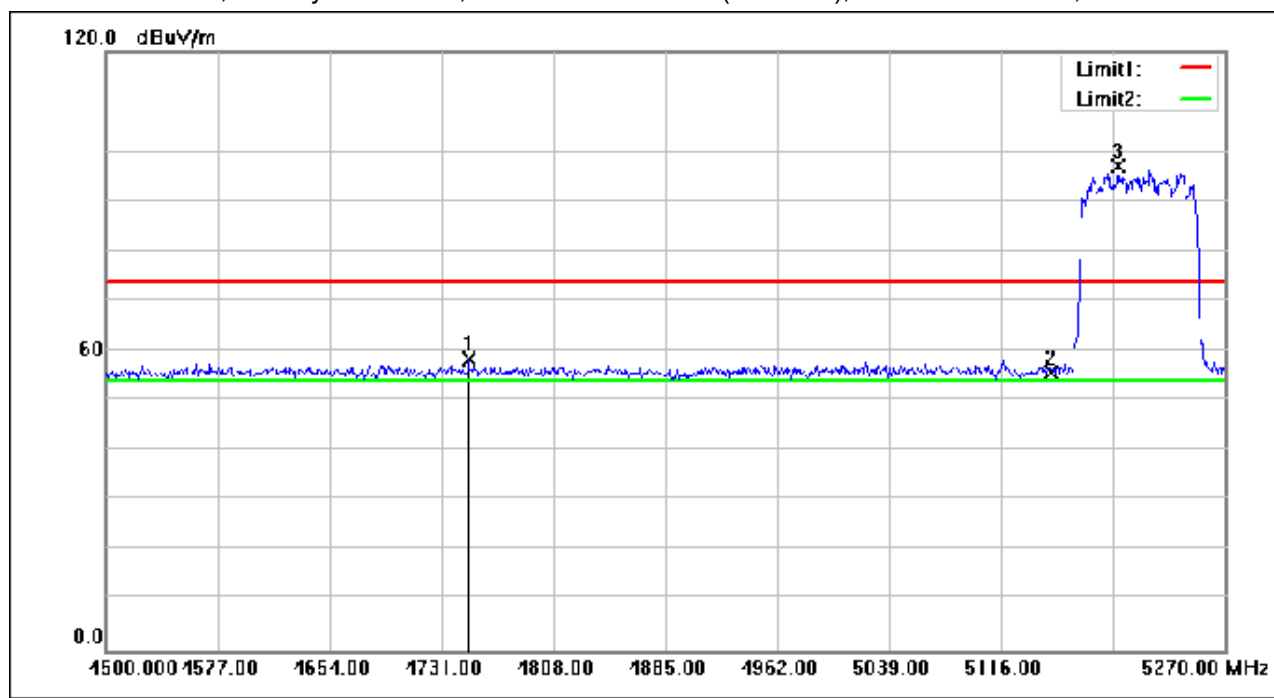
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4749.480	77.04	-18.59	58.45	74.00	-15.55	peak
2	5150.000	73.95	-18.21	55.74	74.00	-18.26	peak
3	5196.850	115.07	-18.14	96.93	74.00	22.93	peak

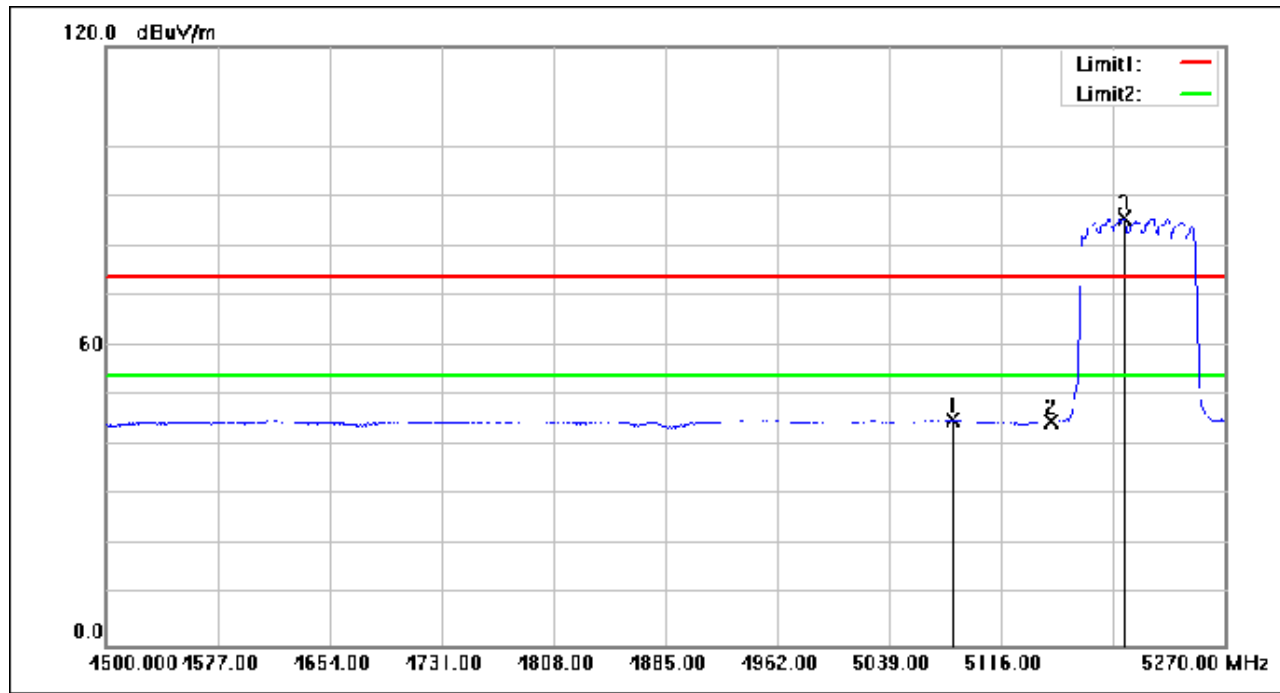
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Test Mode: 08; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5082.120	63.52	-18.31	45.21	54.00	-8.79	AVG
2	5150.000	63.01	-18.21	44.80	54.00	-9.20	AVG
3	5200.700	103.69	-18.14	85.55	54.00	31.55	AVG

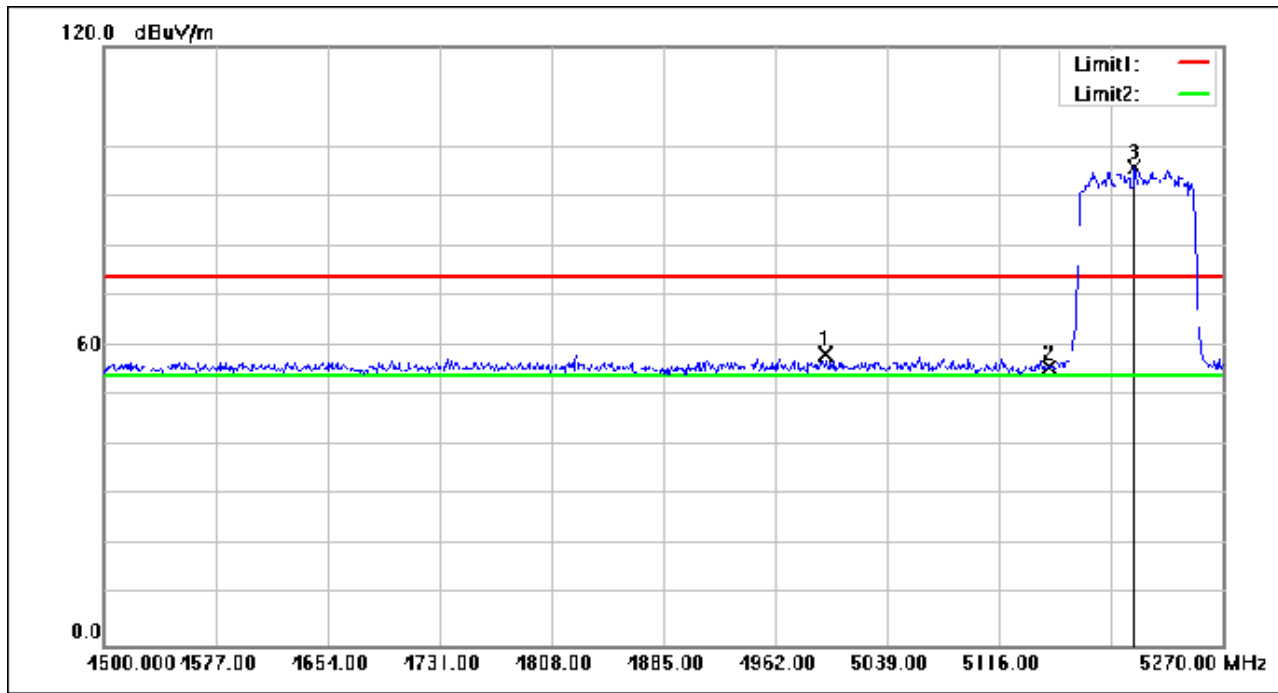
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4996.650	76.91	-18.45	58.46	74.00	-15.54	peak
2	5150.000	73.86	-18.21	55.65	74.00	-18.35	peak
3	5209.170	113.95	-18.13	95.82	74.00	21.82	peak

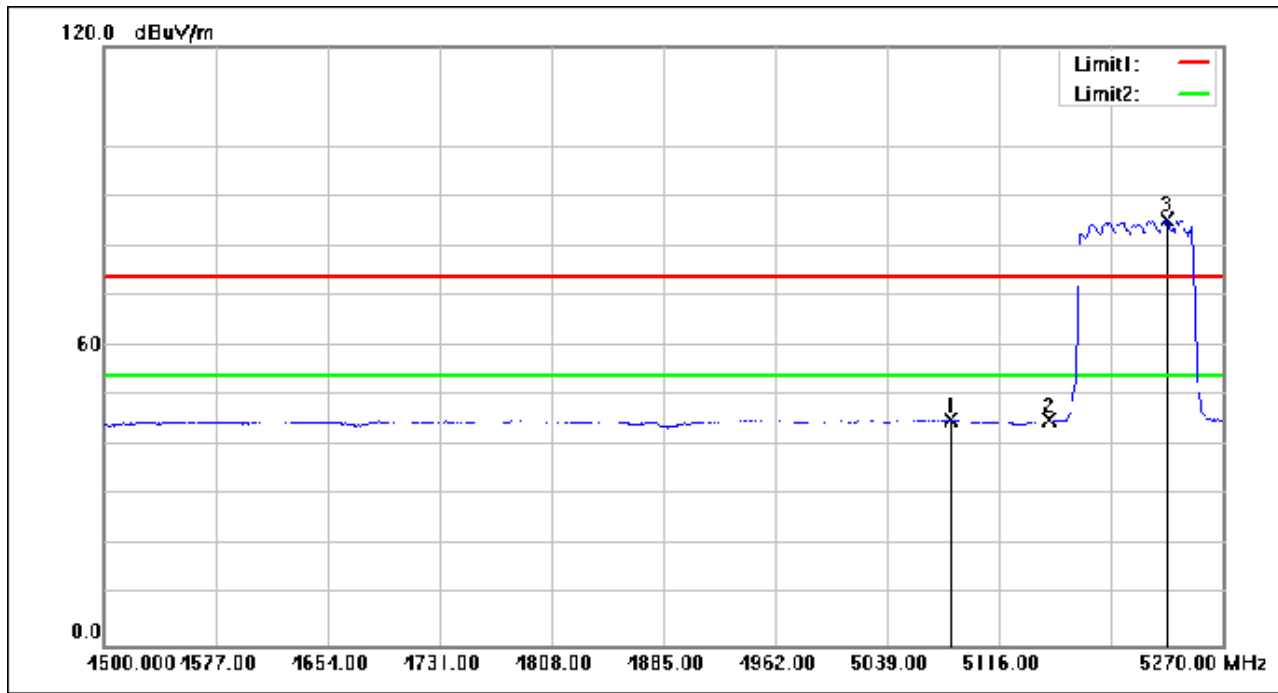
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5082.890	63.54	-18.31	45.23	54.00	-8.77	AVG
2	5150.000	63.23	-18.21	45.02	54.00	-8.98	AVG
3	5231.500	103.31	-18.09	85.22	54.00	31.22	AVG

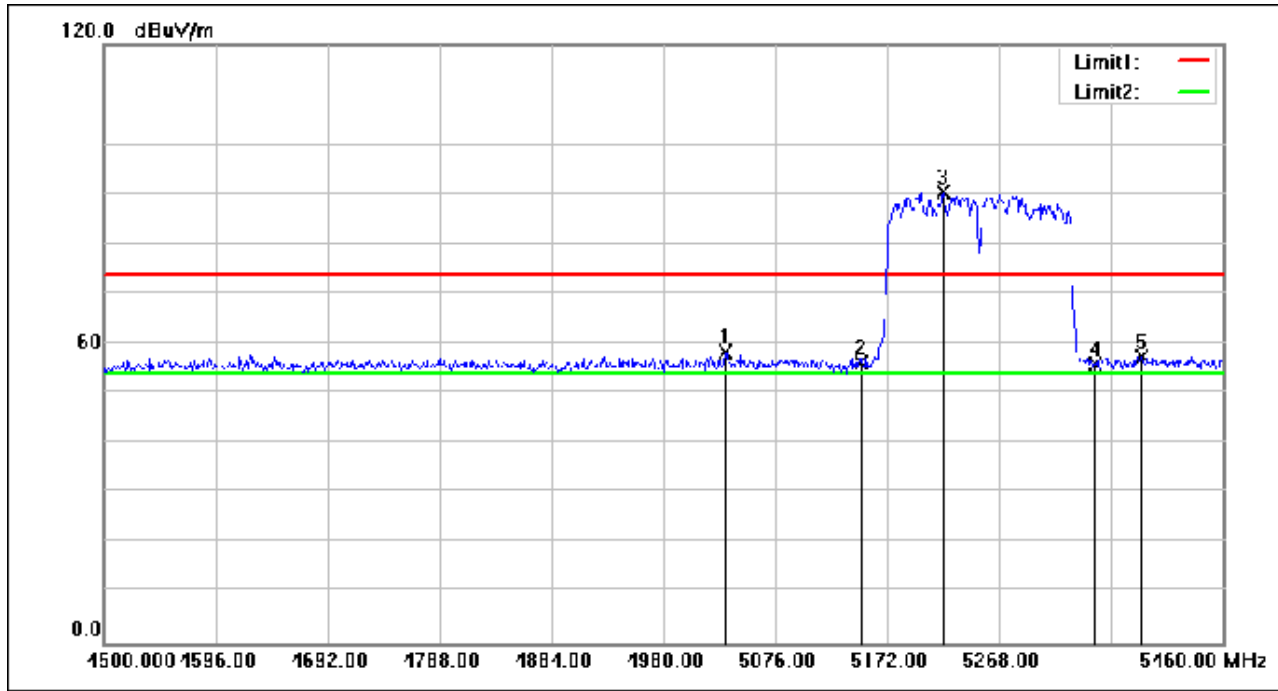
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	5032.800	76.71	-18.39	58.32	74.00	-15.68	peak
2	5150.000	74.49	-18.21	56.28	74.00	-17.72	peak
3	5220.000	108.50	-18.11	90.39	74.00	16.39	peak
4	5350.000	74.02	-17.92	56.10	74.00	-17.90	peak
5	5389.920	75.45	-17.86	57.59	74.00	-16.41	peak

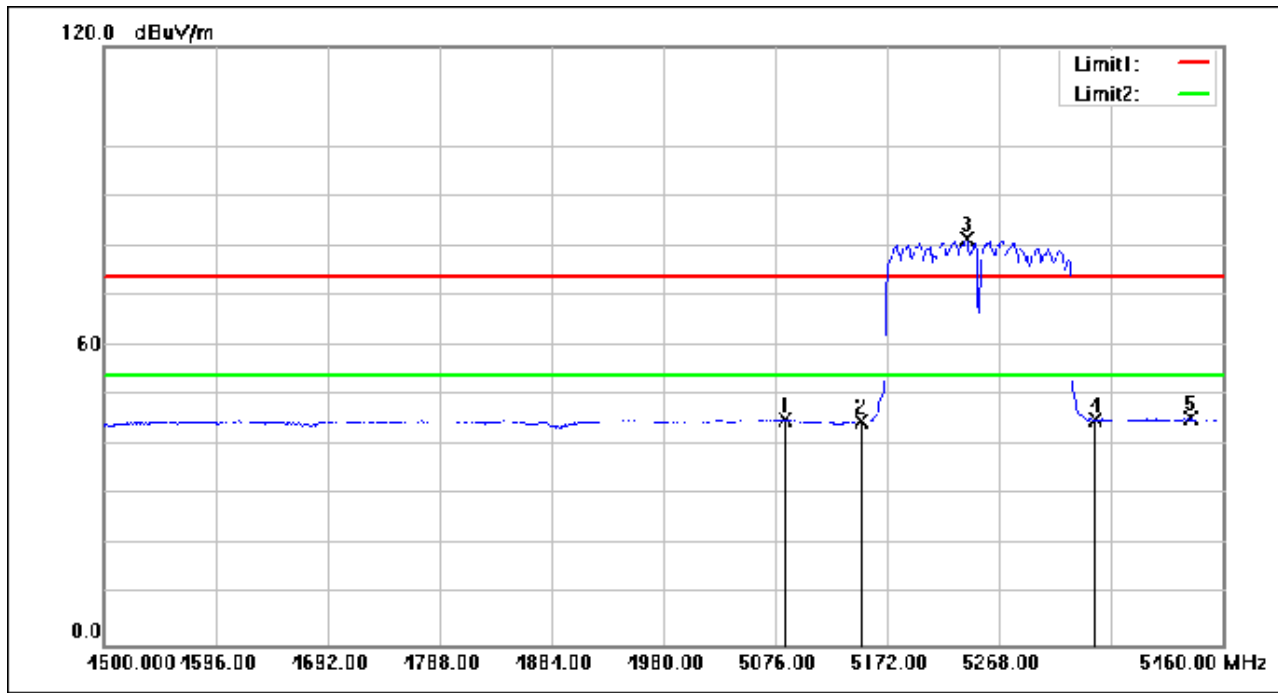
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 08; 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	5084.640	63.51	-18.31	45.20	54.00	-8.80	AVG
2	5150.000	63.00	-18.21	44.79	54.00	-9.21	AVG
3	5240.160	99.40	-18.08	81.32	54.00	27.32	AVG
4	5350.000	63.15	-17.92	45.23	54.00	-8.77	AVG
5	5432.160	63.26	-17.79	45.47	54.00	-8.53	AVG

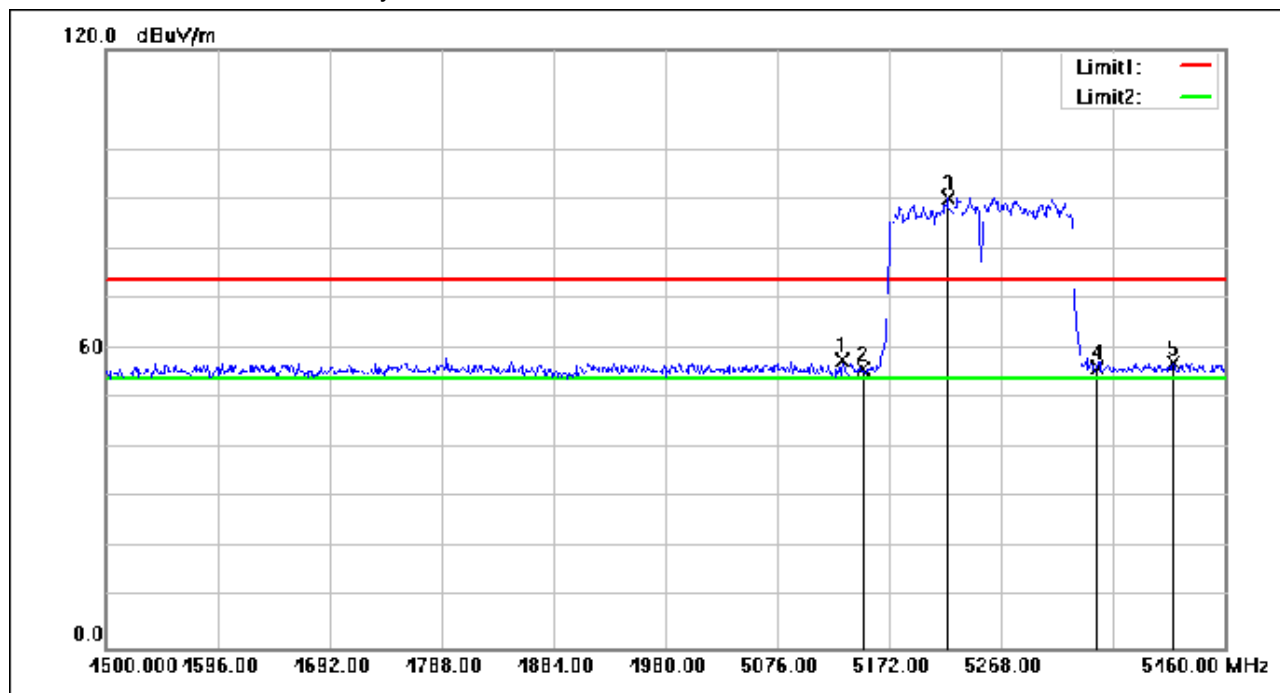
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5131.680	76.13	-18.23	57.90	74.00	-16.10	peak
2	5150.000	74.30	-18.21	56.09	74.00	-17.91	peak
3	5221.920	108.35	-18.11	90.24	74.00	16.24	peak
4	5350.000	74.07	-17.92	56.15	74.00	-17.85	peak
5	5415.840	75.04	-17.82	57.22	74.00	-16.78	peak

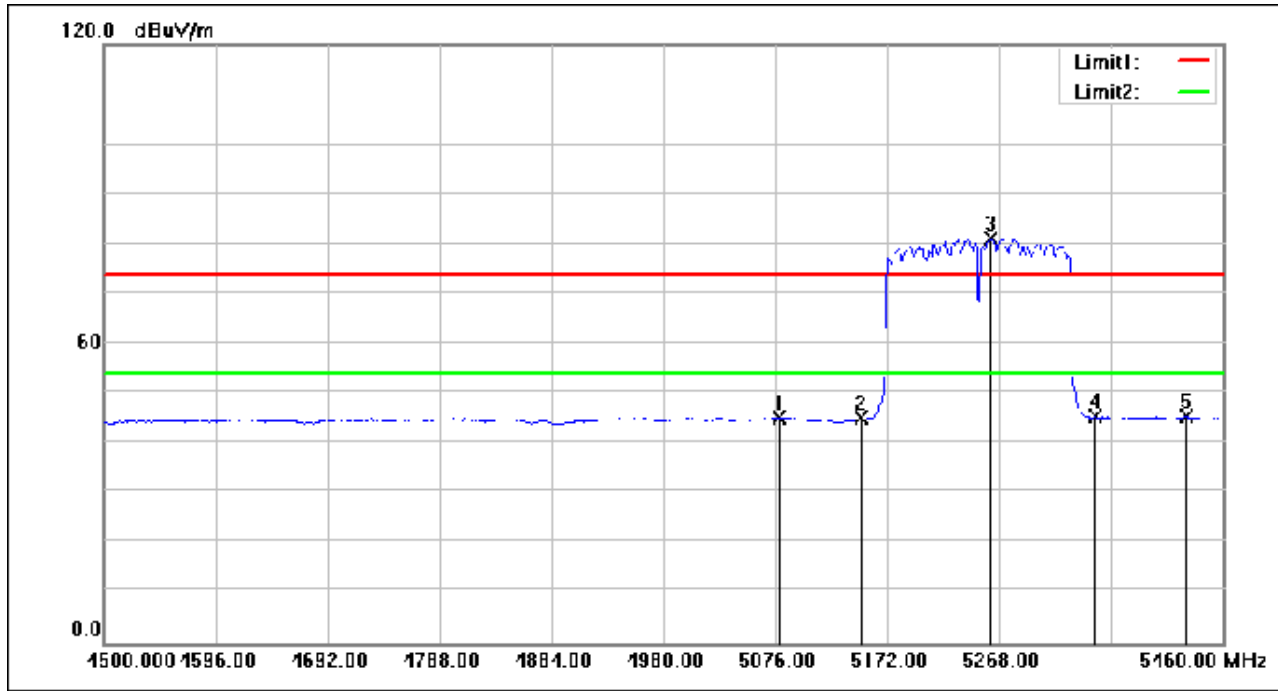
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5078.880	63.58	-18.32	45.26	54.00	-8.74	AVG
2	5150.000	63.27	-18.21	45.06	54.00	-8.94	AVG
3	5261.280	99.22	-18.05	81.17	54.00	27.17	AVG
4	5350.000	63.23	-17.92	45.31	54.00	-8.69	AVG
5	5428.320	63.19	-17.81	45.38	54.00	-8.62	AVG

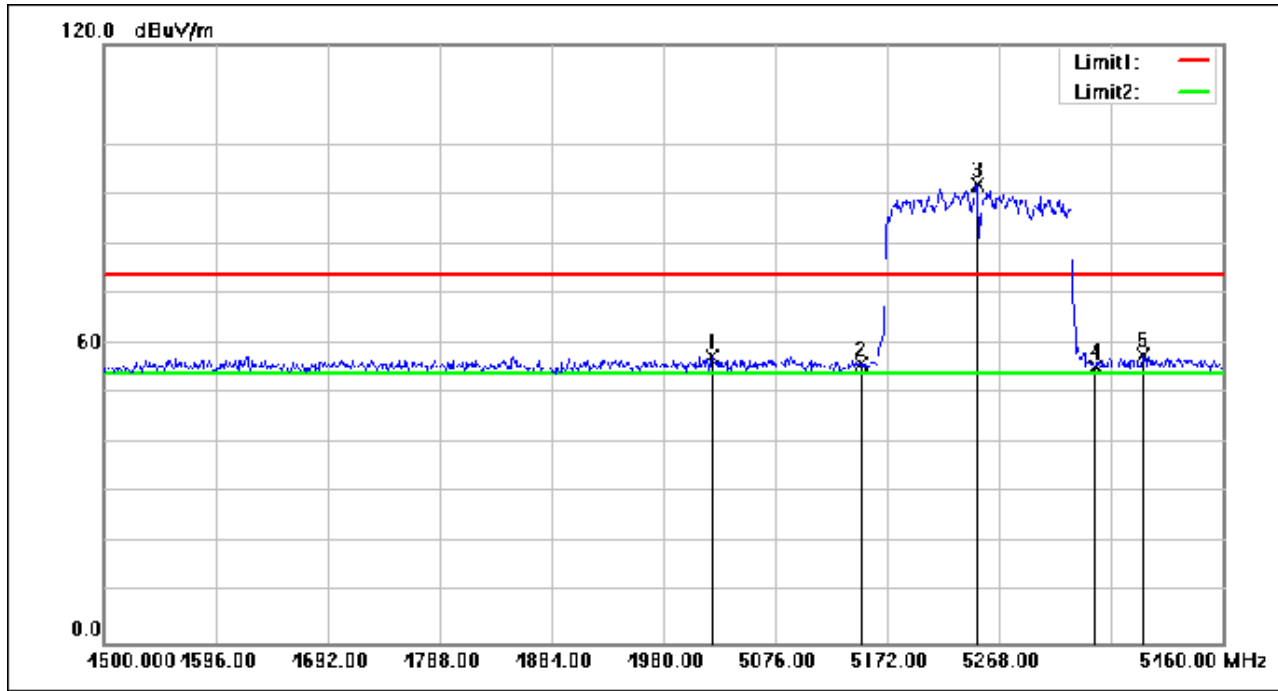
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5021.280	75.84	-18.41	57.43	74.00	-16.57	peak
2	5150.000	74.04	-18.21	55.83	74.00	-18.17	peak
3	5248.800	109.91	-18.07	91.84	74.00	17.84	peak
4	5350.000	73.37	-17.92	55.45	74.00	-18.55	peak
5	5391.840	75.65	-17.85	57.80	74.00	-16.20	peak

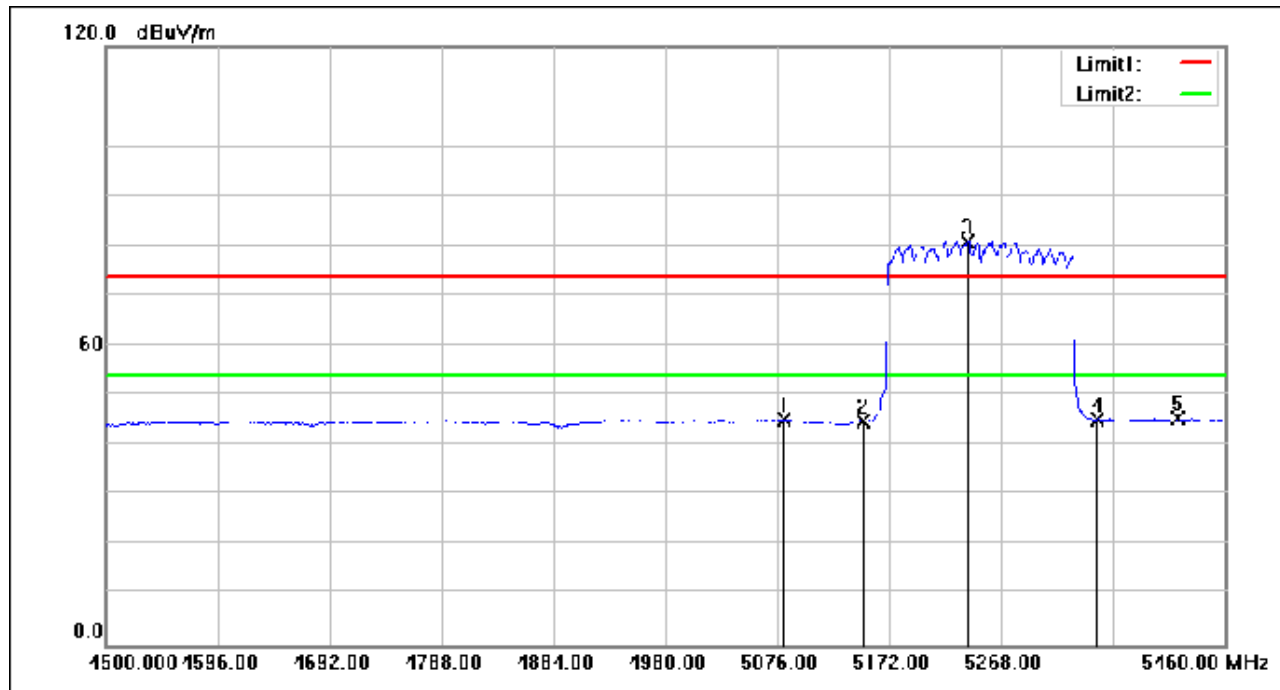
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Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5081.760	63.53	-18.31	45.22	54.00	-8.78	AVG
2	5150.000	63.06	-18.21	44.85	54.00	-9.15	AVG
3	5239.200	99.07	-18.08	80.99	54.00	26.99	AVG
4	5350.000	63.01	-17.92	45.09	54.00	-8.91	AVG
5	5419.680	63.19	-17.82	45.37	54.00	-8.63	AVG

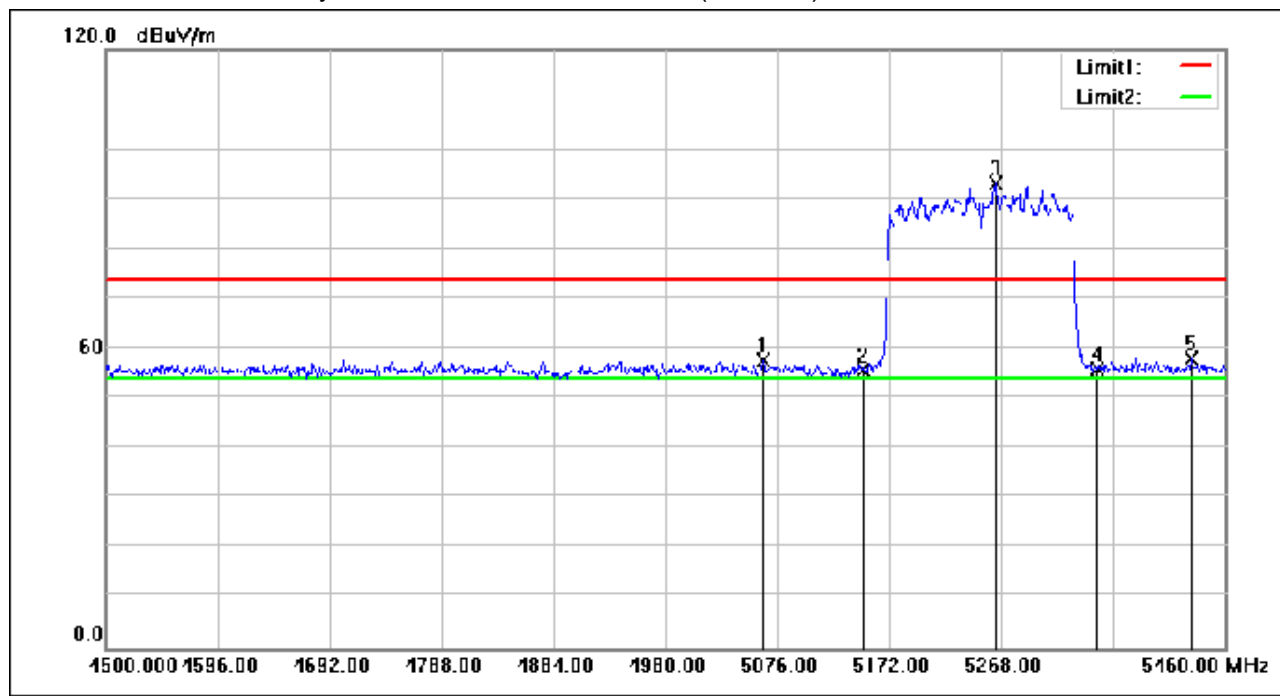
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Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5063.520	76.02	-18.34	57.68	74.00	-16.32	peak
2	5150.000	73.93	-18.21	55.72	74.00	-18.28	peak
3	5263.200	111.07	-18.05	93.02	74.00	19.02	peak
4	5350.000	73.75	-17.92	55.83	74.00	-18.17	peak
5	5431.200	75.94	-17.79	58.15	74.00	-15.85	peak

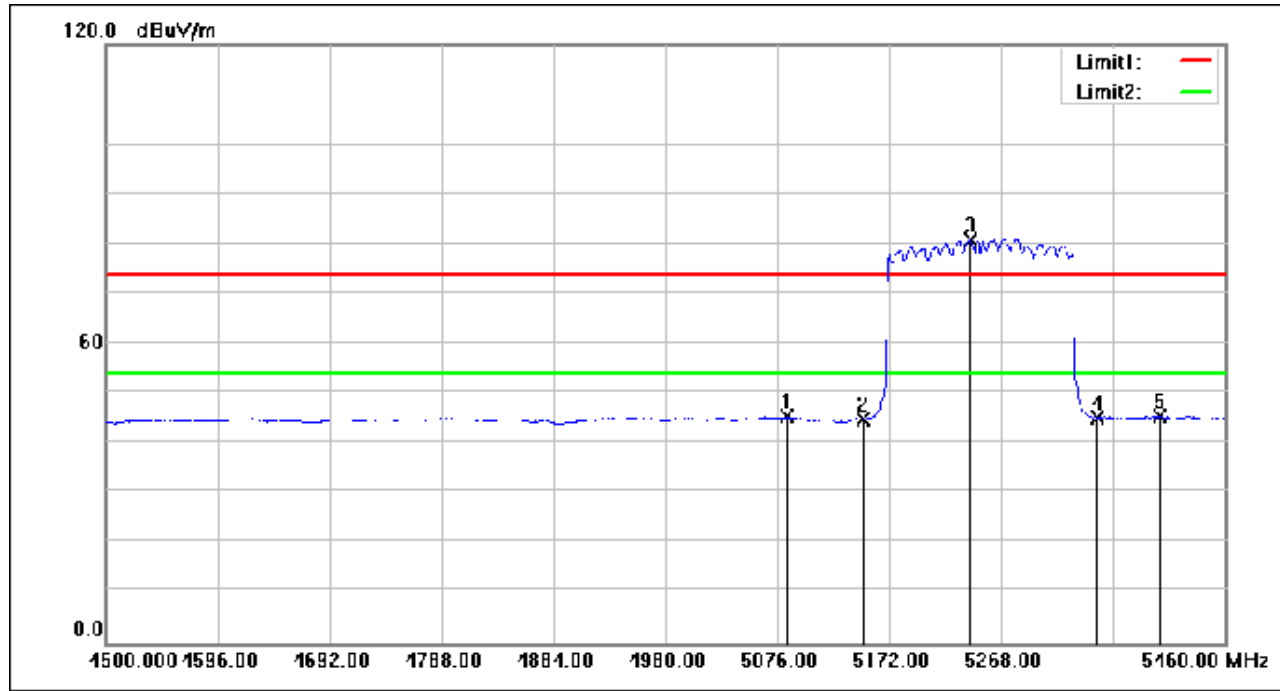
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Test Mode: 08; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 160MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.640	63.63	-18.31	45.32	54.00	-8.68	AVG
2	5150.000	63.08	-18.21	44.87	54.00	-9.13	AVG
3	5241.120	99.06	-18.08	80.98	54.00	26.98	AVG
4	5350.000	63.16	-17.92	45.24	54.00	-8.76	AVG
5	5404.320	63.31	-17.84	45.47	54.00	-8.53	AVG

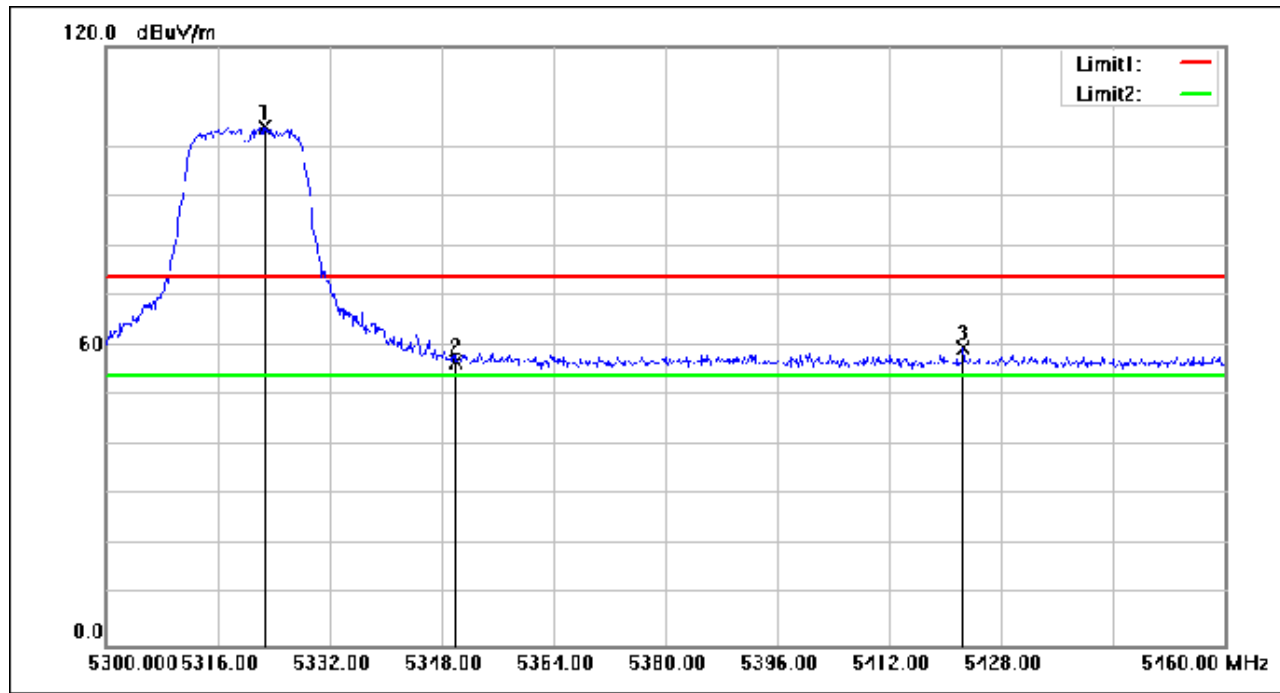
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.720	121.78	-17.96	103.82	74.00	29.82	peak
2	5350.000	74.73	-17.92	56.81	74.00	-17.19	peak
3	5422.560	77.42	-17.81	59.61	74.00	-14.39	peak

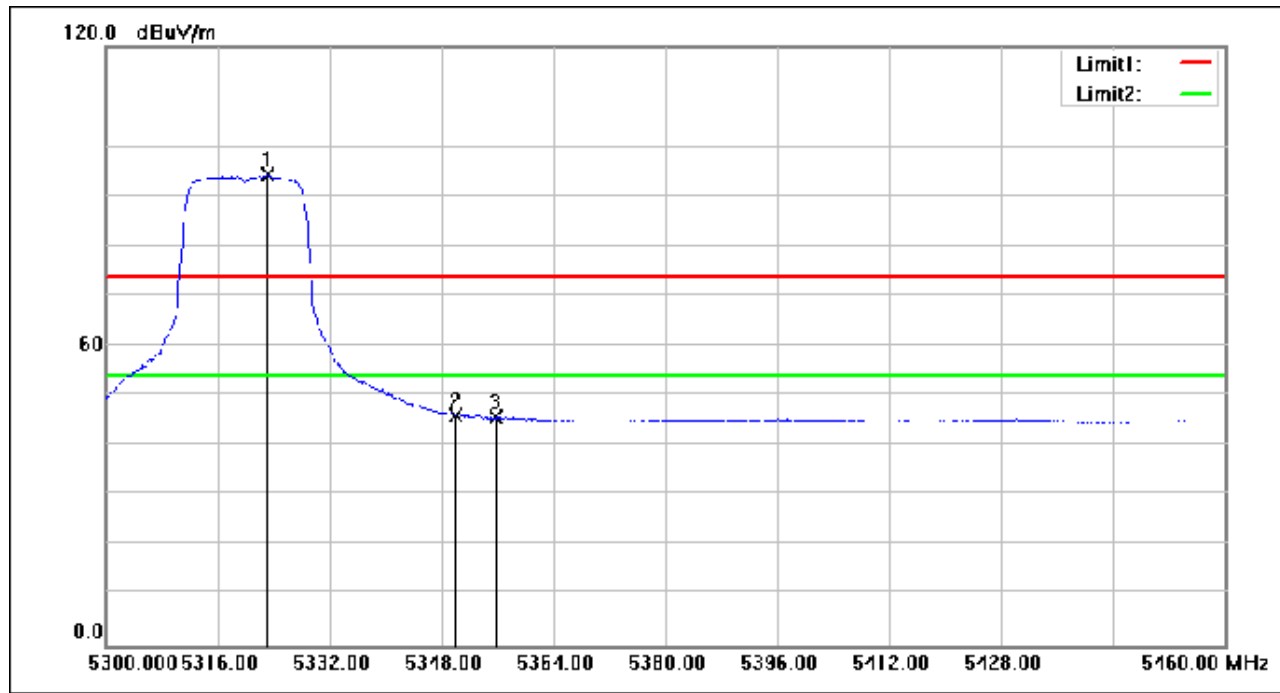
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11a; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.200	112.30	-17.96	94.34	54.00	40.34	AVG
2	5350.000	64.05	-17.92	46.13	54.00	-7.87	AVG
3	5355.680	63.66	-17.91	45.75	54.00	-8.25	AVG

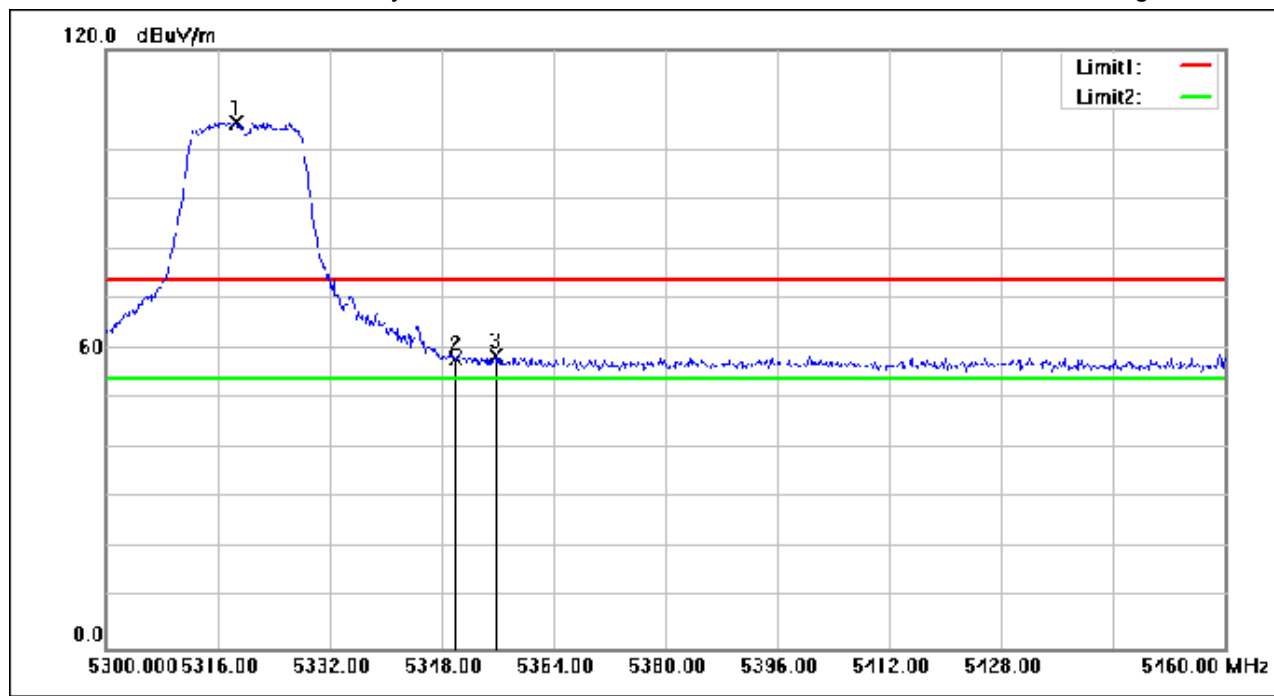
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Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.720	123.52	-17.96	105.56	74.00	31.56	peak
2	5350.000	76.02	-17.92	58.10	74.00	-15.90	peak
3	5355.680	76.46	-17.91	58.55	74.00	-15.45	peak

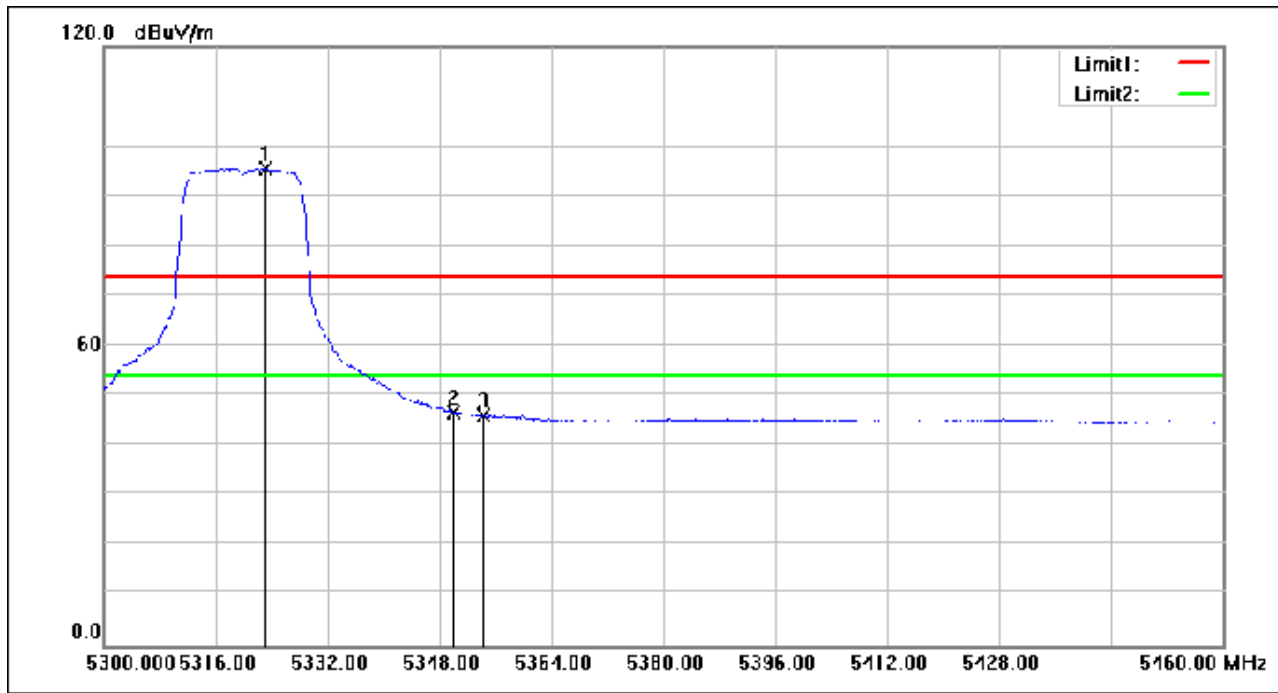
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Test Mode: 09; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5323.040	113.62	-17.96	95.66	54.00	41.66	AVG
2	5350.000	64.50	-17.92	46.58	54.00	-7.42	AVG
3	5354.240	64.07	-17.91	46.16	54.00	-7.84	AVG

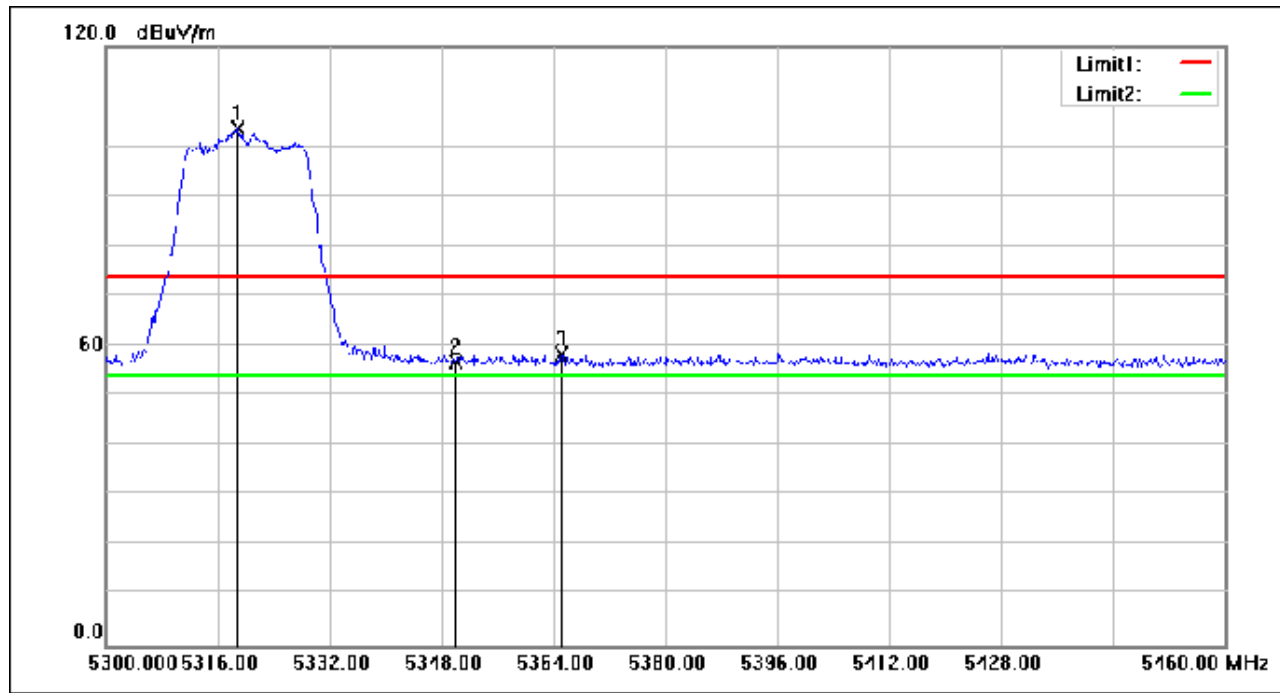
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.880	121.49	-17.96	103.53	74.00	29.53	peak
2	5350.000	74.72	-17.92	56.80	74.00	-17.20	peak
3	5365.120	76.33	-17.90	58.43	74.00	-15.57	peak

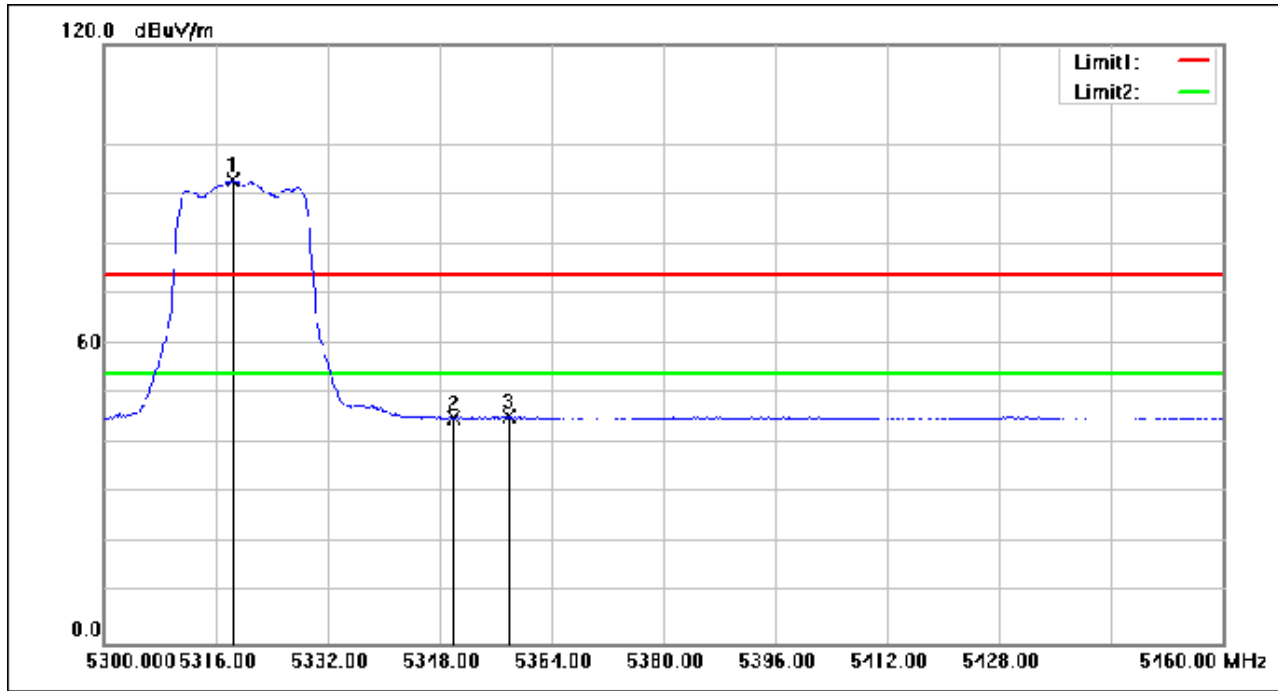
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.400	110.73	-17.96	92.77	54.00	38.77	AVG
2	5350.000	63.15	-17.92	45.23	54.00	-8.77	AVG
3	5357.920	63.32	-17.91	45.41	54.00	-8.59	AVG

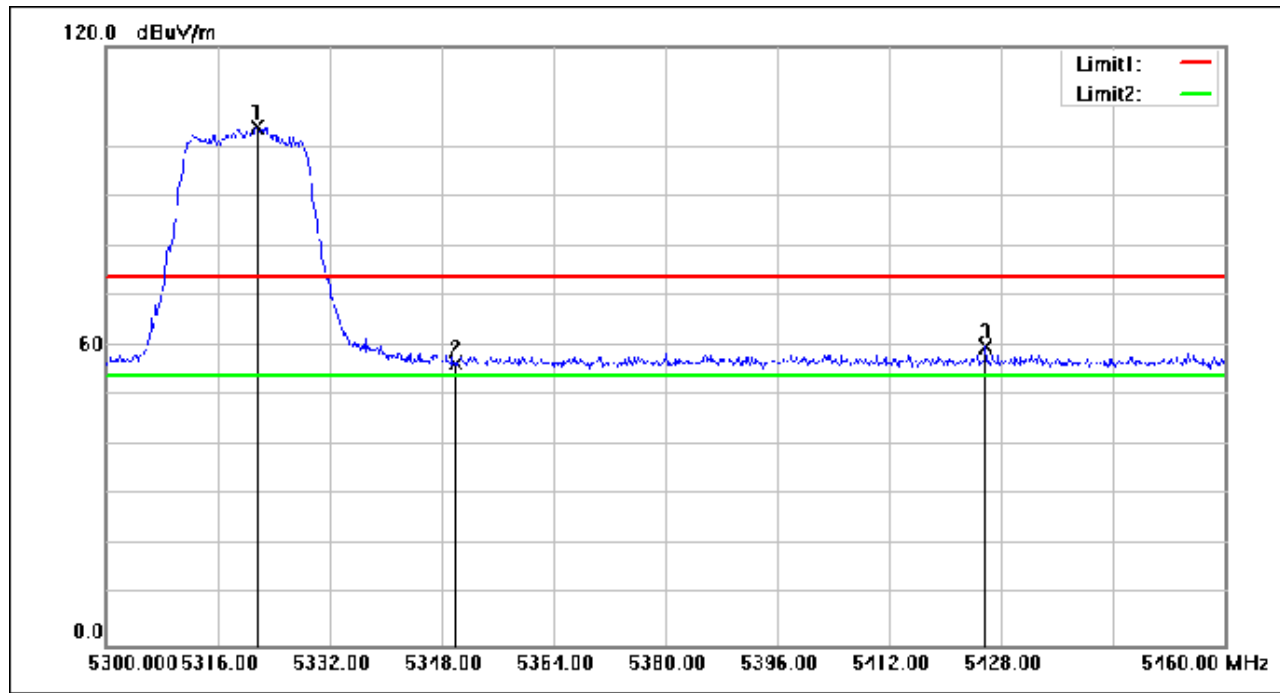
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.600	122.00	-17.96	104.04	74.00	30.04	peak
2	5350.000	74.36	-17.92	56.44	74.00	-17.56	peak
3	5425.760	77.62	-17.81	59.81	74.00	-14.19	peak

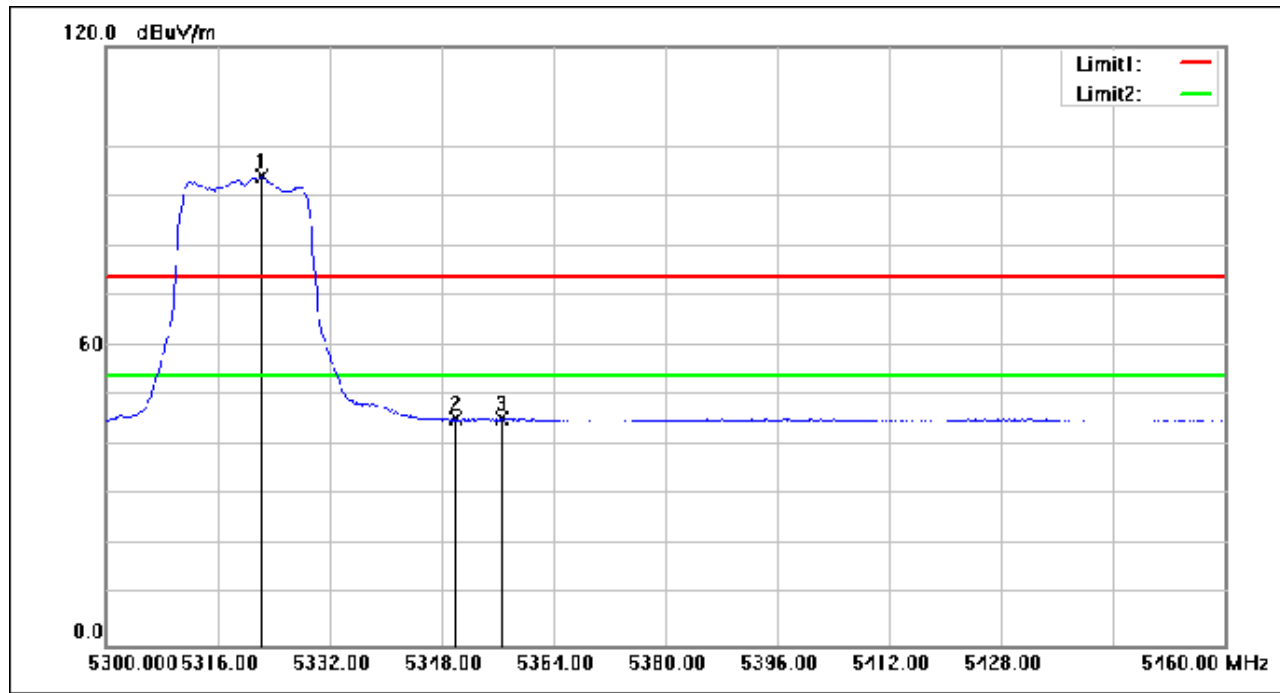
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.240	111.93	-17.96	93.97	54.00	39.97	AVG
2	5350.000	63.23	-17.92	45.31	54.00	-8.69	AVG
3	5356.640	63.40	-17.91	45.49	54.00	-8.51	AVG

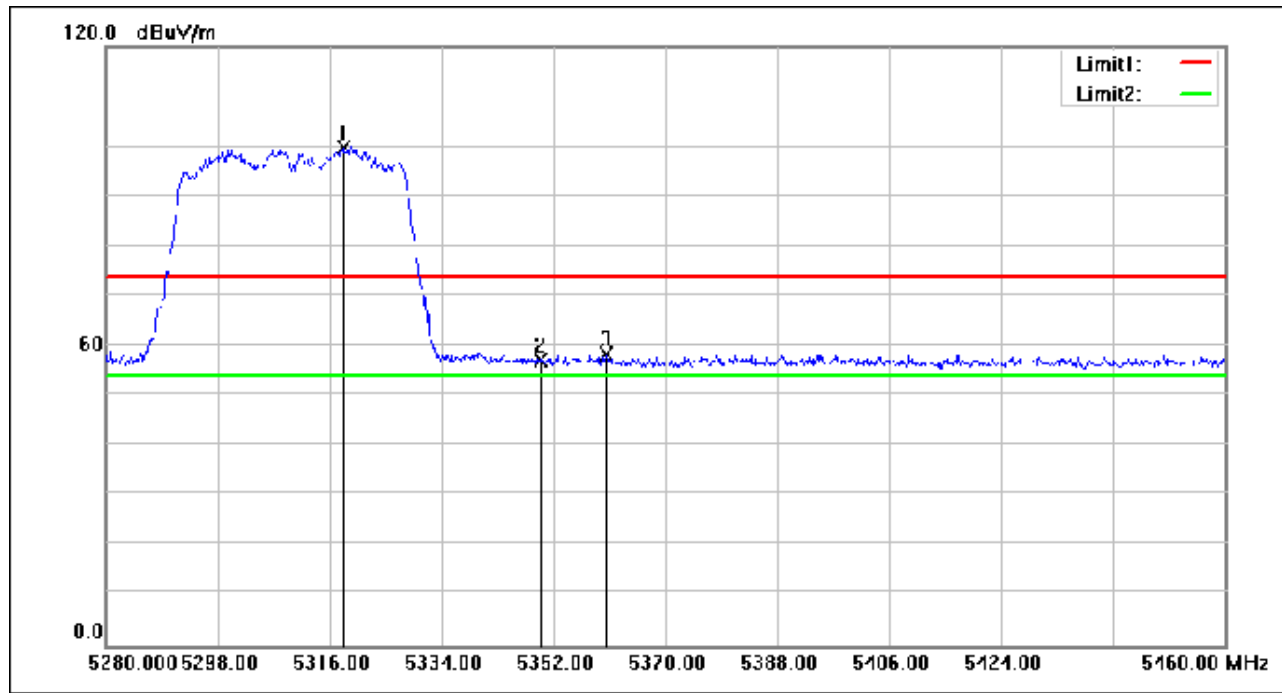
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 40MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.160	117.58	-17.96	99.62	74.00	25.62	peak
2	5350.000	74.98	-17.92	57.06	74.00	-16.94	peak
3	5360.460	76.12	-17.90	58.22	74.00	-15.78	peak

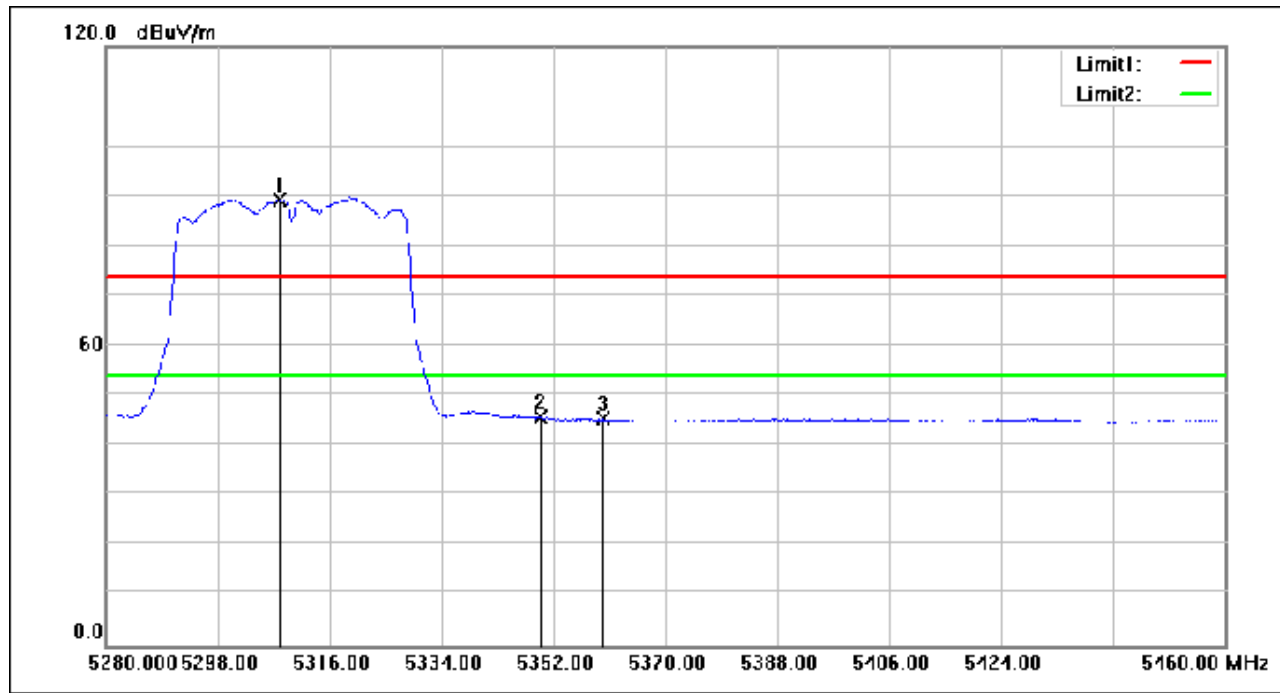
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5307.900	107.33	-17.98	89.35	54.00	35.35	AVG
2	5350.000	63.63	-17.92	45.71	54.00	-8.29	AVG
3	5359.920	63.35	-17.90	45.45	54.00	-8.55	AVG

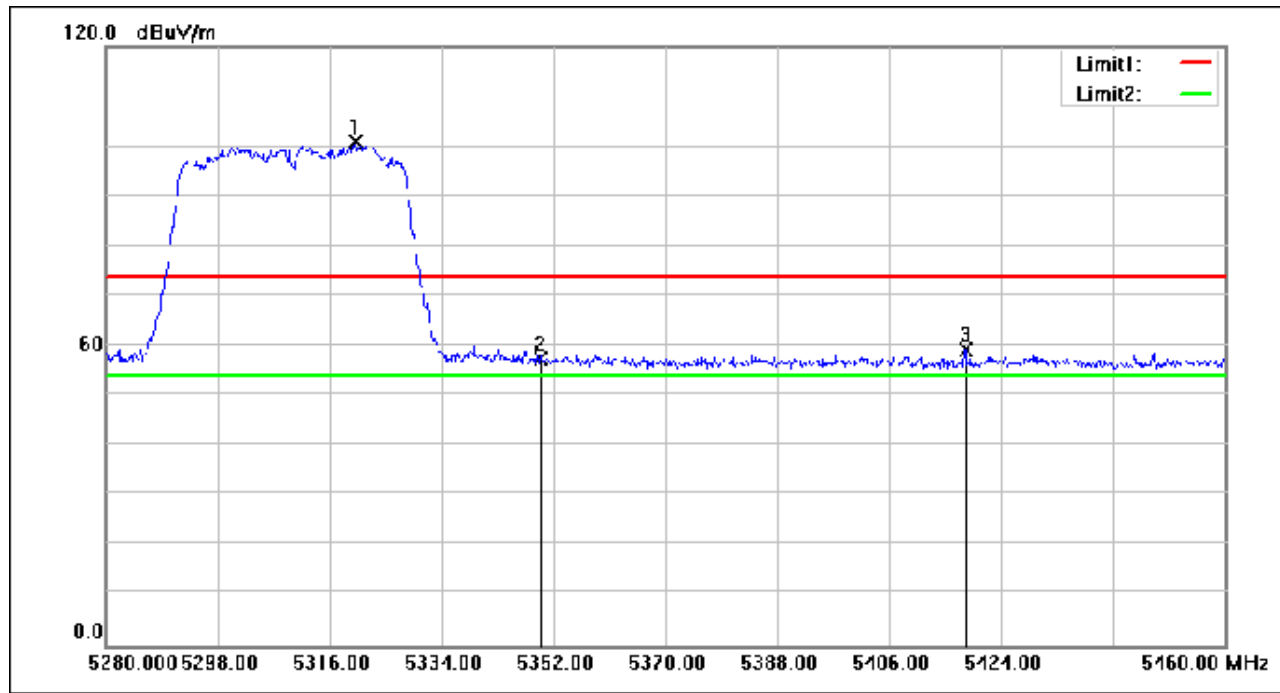
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5320.140	118.81	-17.96	100.85	74.00	26.85	peak
2	5350.000	75.30	-17.92	57.38	74.00	-16.62	peak
3	5418.240	77.20	-17.82	59.38	74.00	-14.62	peak

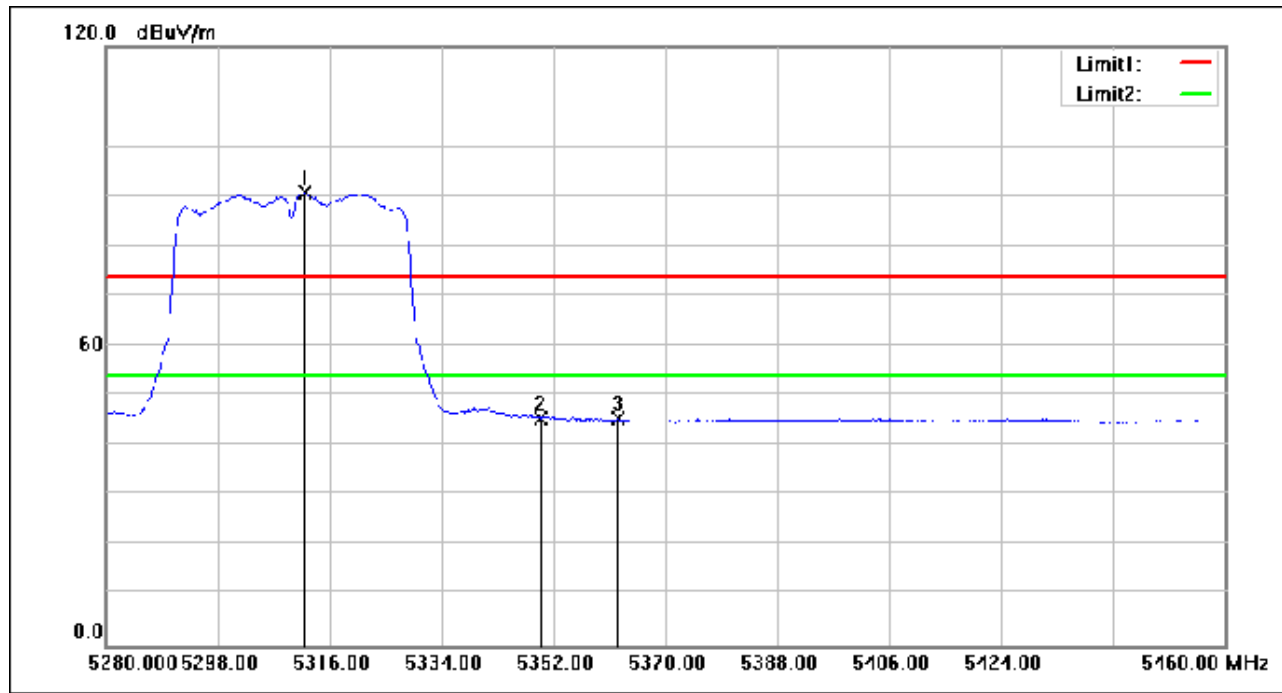
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Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5312.040	108.67	-17.97	90.70	54.00	36.70	AVG
2	5350.000	63.50	-17.92	45.58	54.00	-8.42	AVG
3	5362.440	63.28	-17.90	45.38	54.00	-8.62	AVG

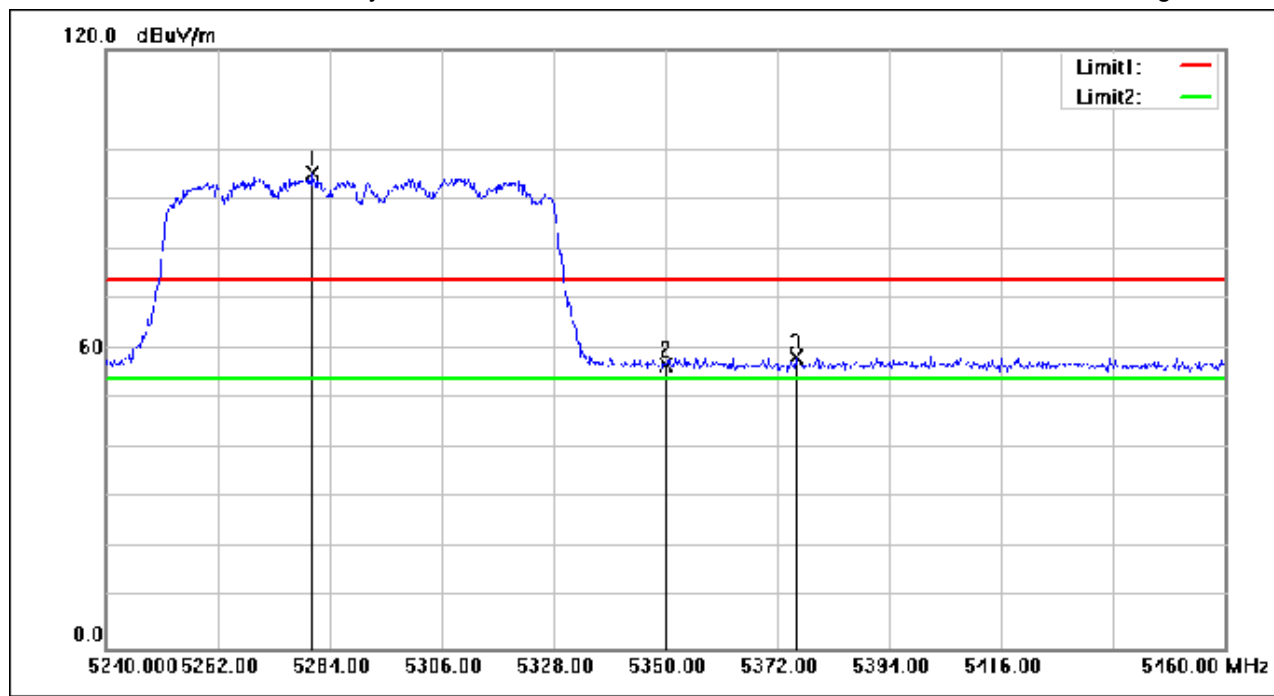
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.480	113.35	-18.02	95.33	74.00	21.33	peak
2	5350.000	74.80	-17.92	56.88	74.00	-17.12	peak
3	5375.520	76.20	-17.88	58.32	74.00	-15.68	peak

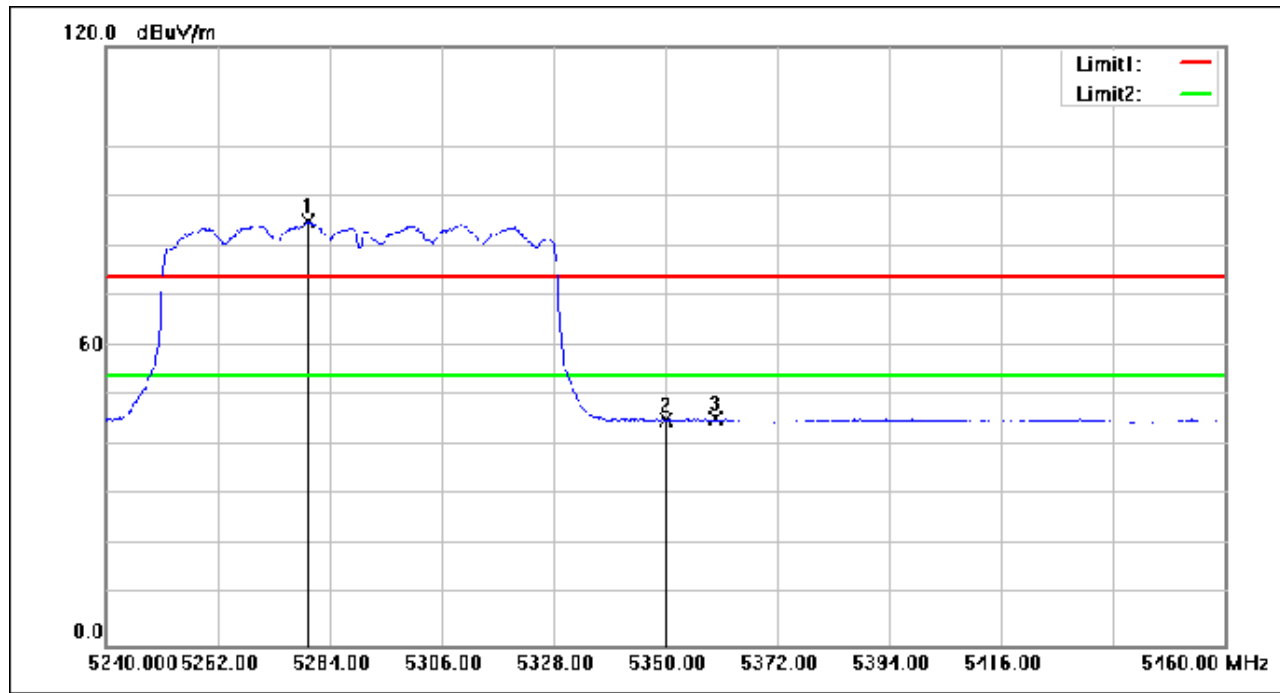
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5279.820	103.12	-18.02	85.10	54.00	31.10	AVG
2	5350.000	63.13	-17.92	45.21	54.00	-8.79	AVG
3	5359.680	63.44	-17.90	45.54	54.00	-8.46	AVG

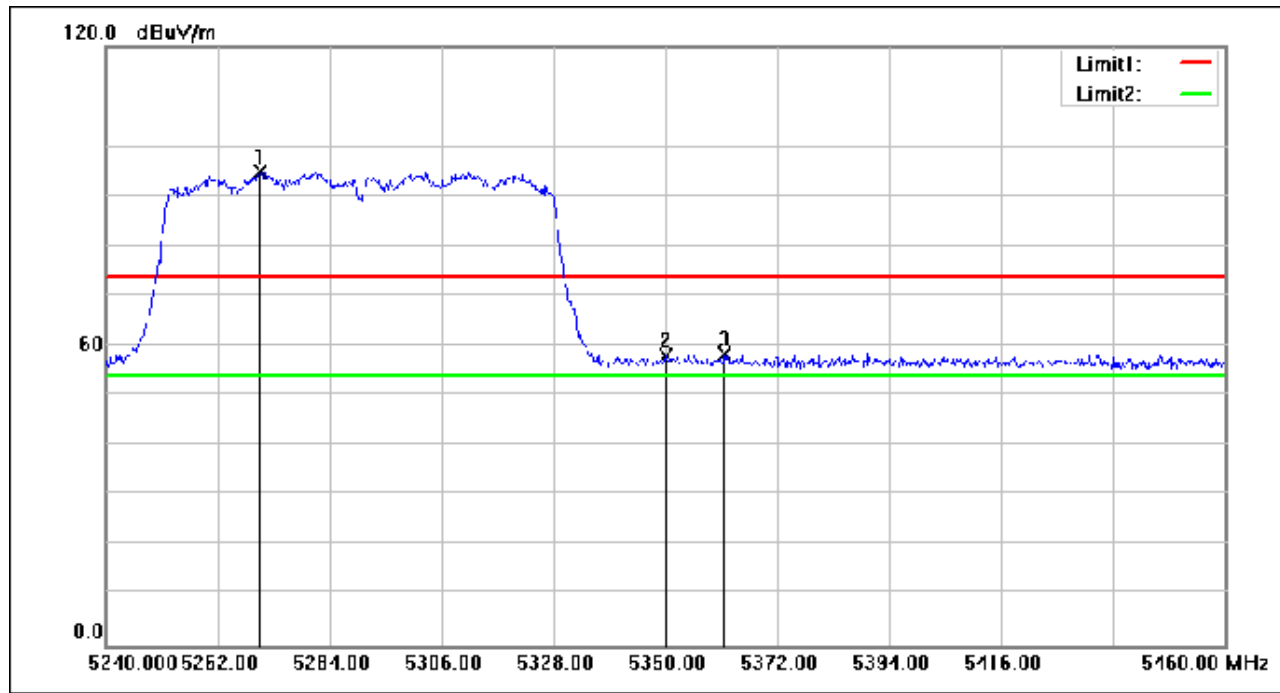
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5270.360	112.95	-18.03	94.92	74.00	20.92	peak
2	5350.000	75.87	-17.92	57.95	74.00	-16.05	peak
3	5361.660	76.18	-17.90	58.28	74.00	-15.72	peak

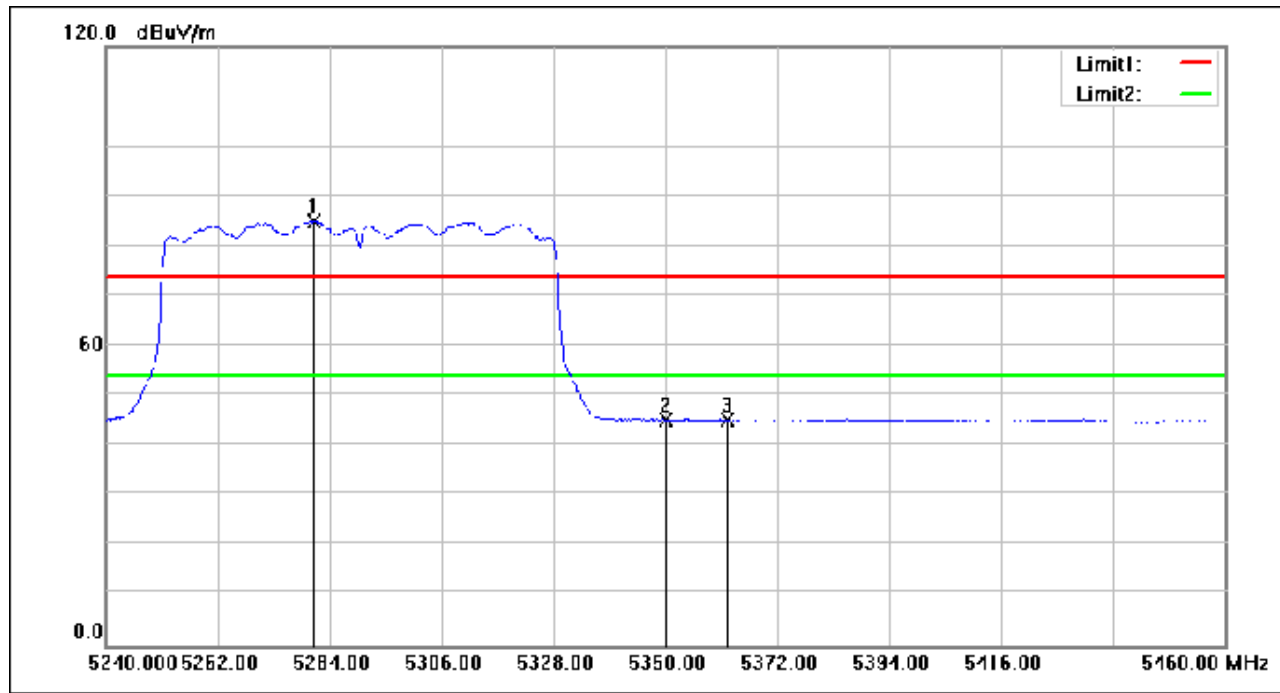
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.920	103.11	-18.02	85.09	54.00	31.09	AVG
2	5350.000	63.15	-17.92	45.23	54.00	-8.77	AVG
3	5362.100	63.13	-17.90	45.23	54.00	-8.77	AVG

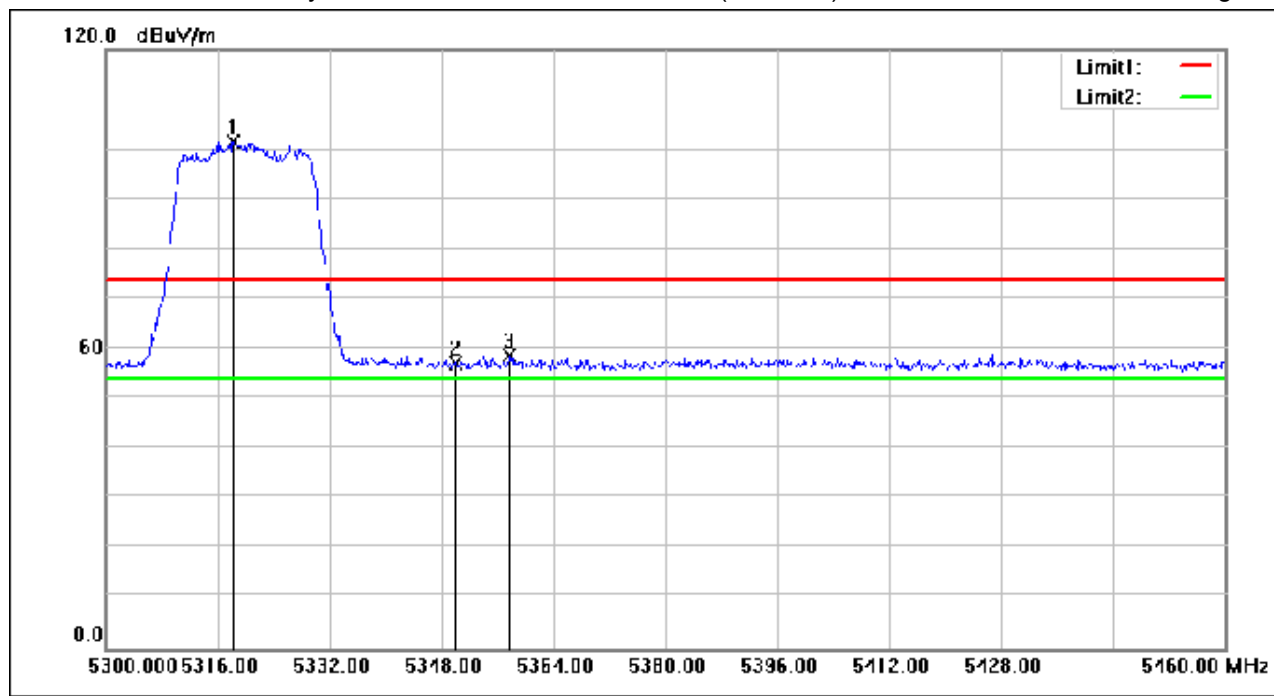
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.240	119.57	-17.96	101.61	74.00	27.61	peak
2	5350.000	75.03	-17.92	57.11	74.00	-16.89	peak
3	5357.760	76.53	-17.91	58.62	74.00	-15.38	peak

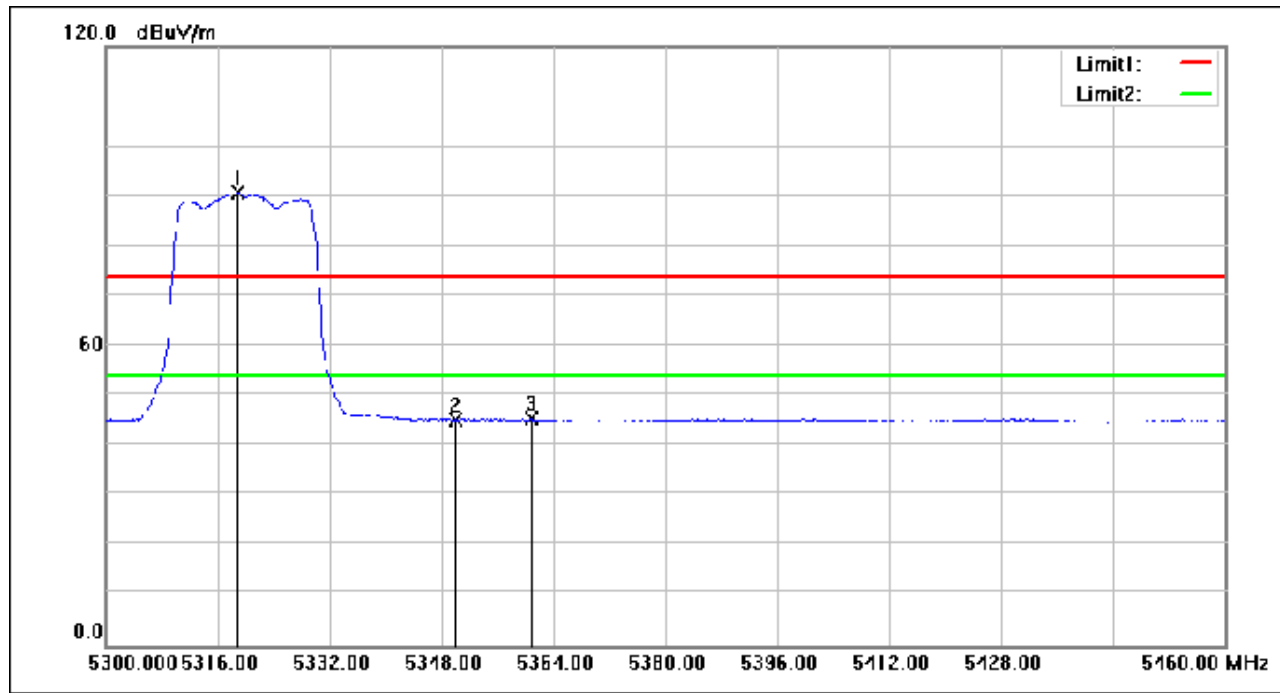
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 09; 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	5318.880	108.72	-17.96	90.76	54.00	36.76	AVG
2	5350.000	63.21	-17.92	45.29	54.00	-8.71	AVG
3	5360.800	63.35	-17.90	45.45	54.00	-8.55	AVG

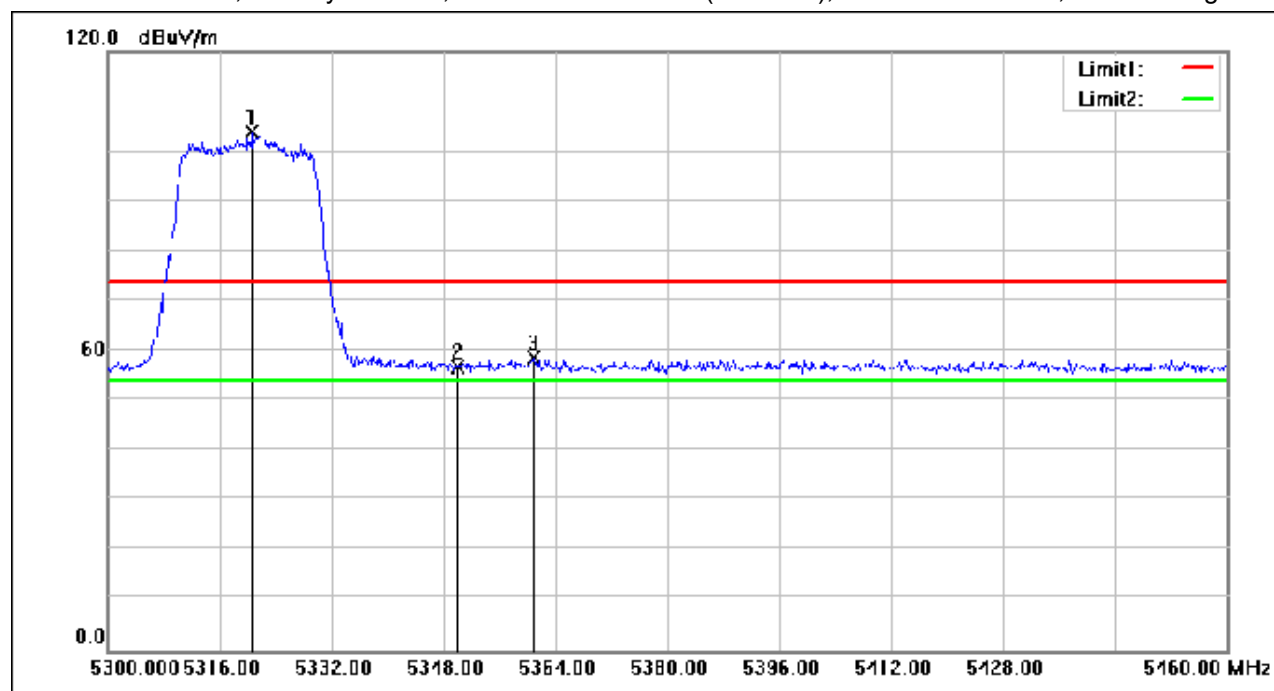
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Test Mode: 09; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5320.640	122.01	-17.96	104.05	74.00	30.05	peak
2	5350.000	74.70	-17.92	56.78	74.00	-17.22	peak
3	5360.960	76.60	-17.90	58.70	74.00	-15.30	peak

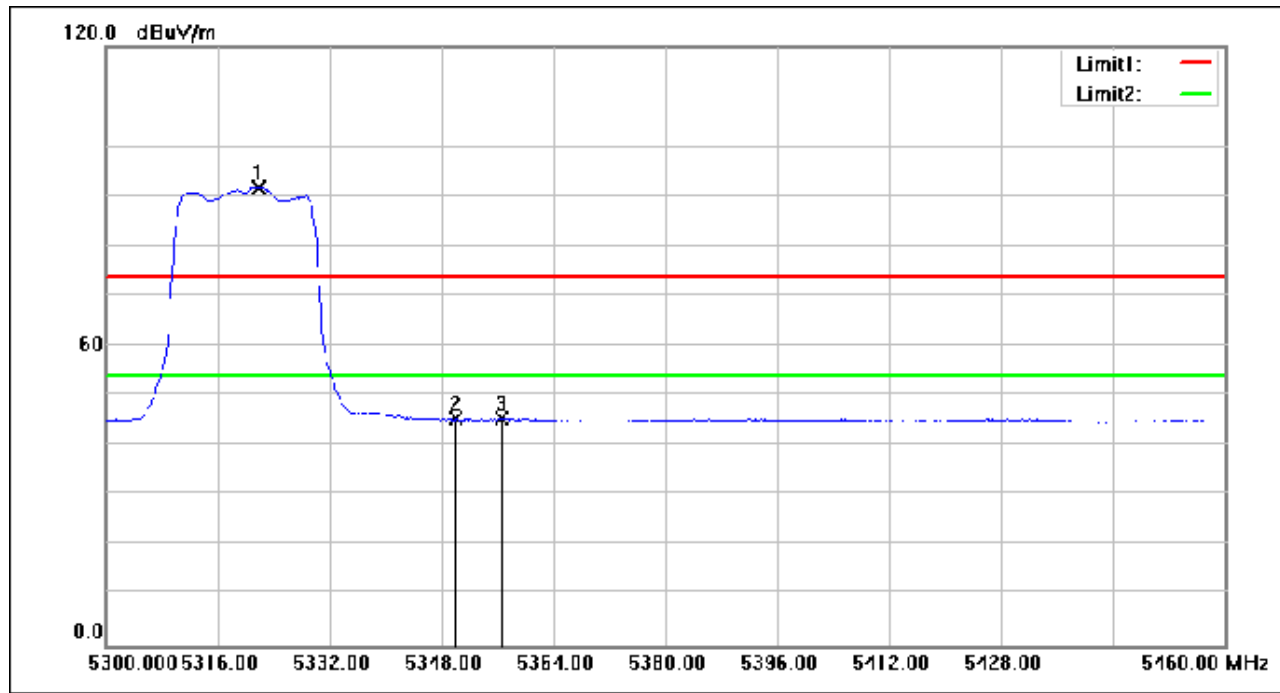
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.760	109.75	-17.96	91.79	54.00	37.79	AVG
2	5350.000	63.25	-17.92	45.33	54.00	-8.67	AVG
3	5356.640	63.39	-17.91	45.48	54.00	-8.52	AVG

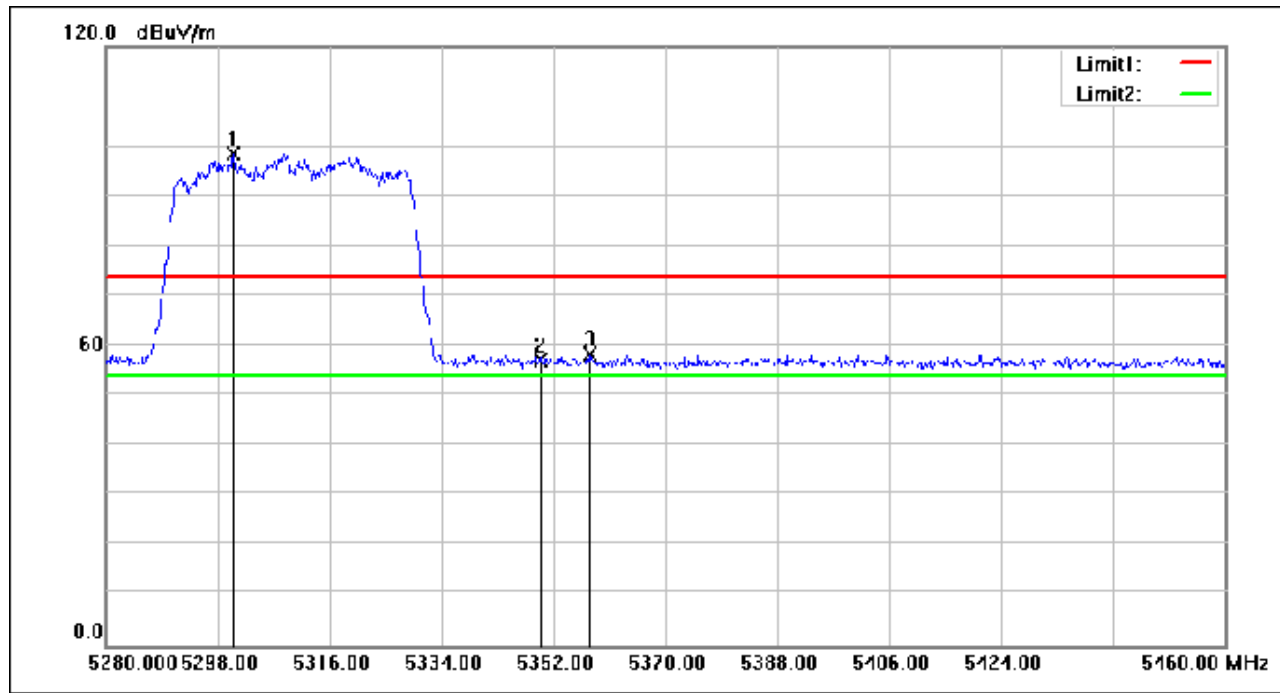
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5300.520	116.47	-17.99	98.48	74.00	24.48	peak
2	5350.000	75.11	-17.92	57.19	74.00	-16.81	peak
3	5357.940	76.38	-17.91	58.47	74.00	-15.53	peak

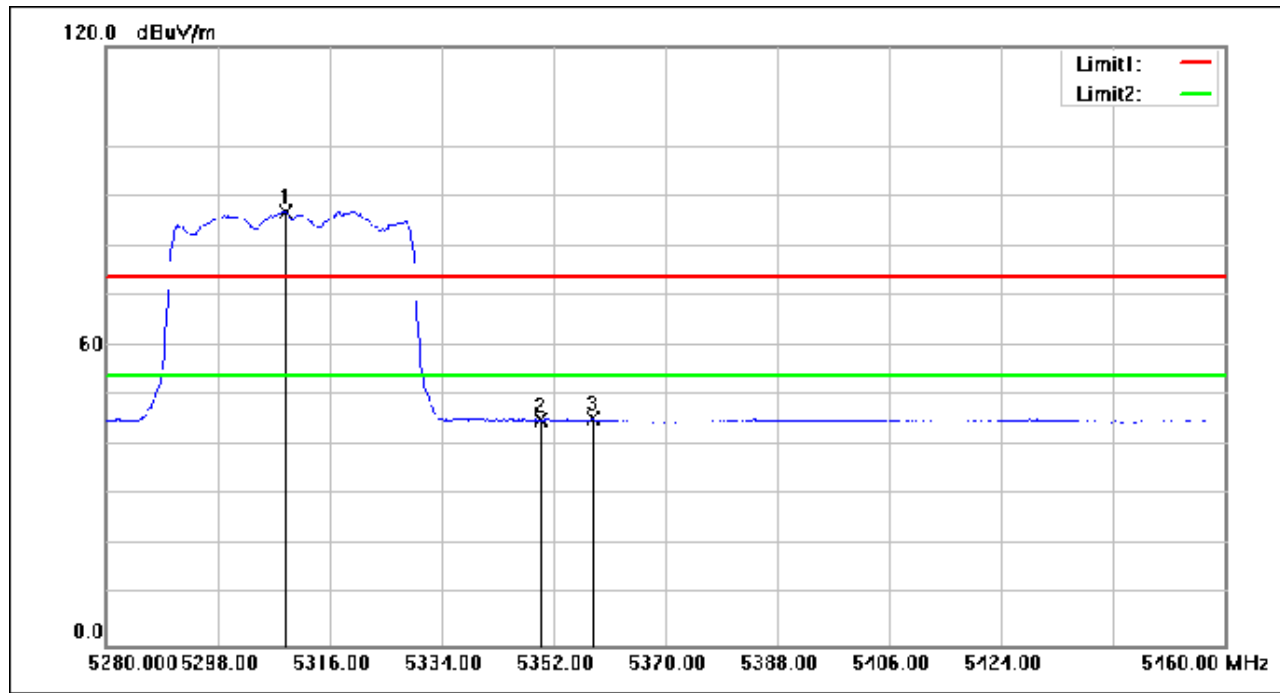
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Test Mode: 09; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.800	104.93	-17.98	86.95	54.00	32.95	AVG
2	5350.000	63.15	-17.92	45.23	54.00	-8.77	AVG
3	5358.300	63.31	-17.90	45.41	54.00	-8.59	AVG

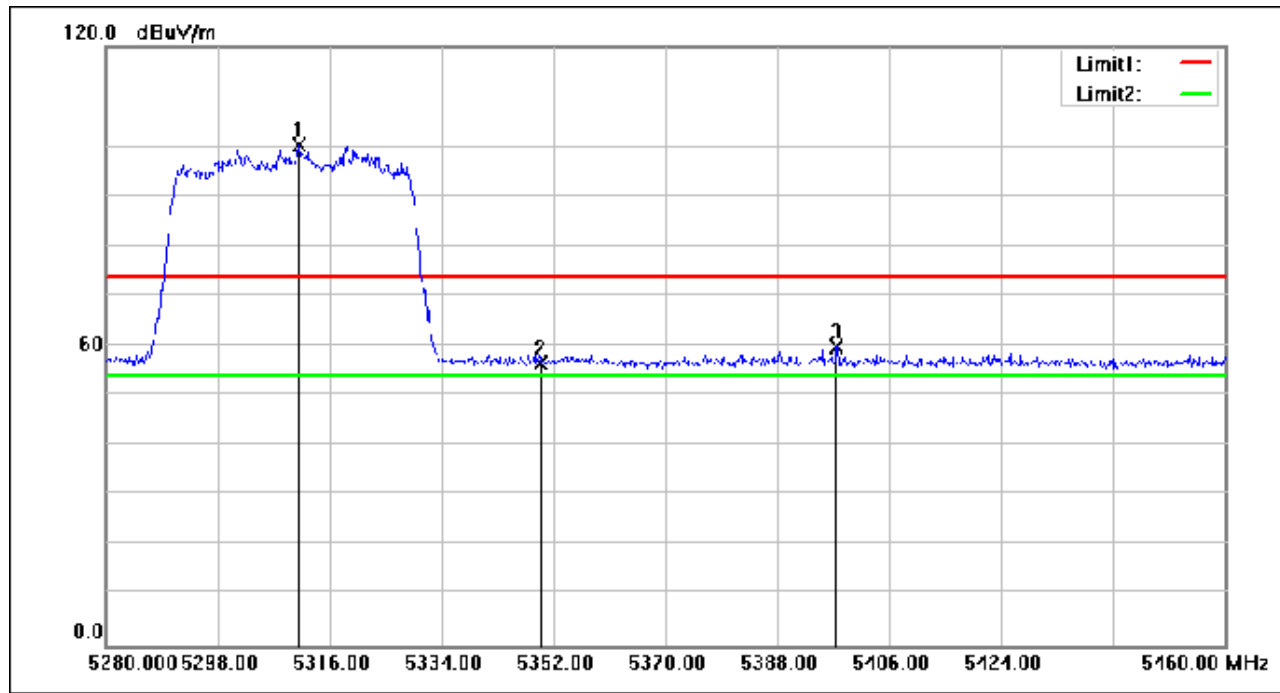
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Test Mode: 09; Polarity: Vertical; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5310.960	118.40	-17.97	100.43	74.00	26.43	peak
2	5350.000	74.61	-17.92	56.69	74.00	-17.31	peak
3	5397.540	77.66	-17.85	59.81	74.00	-14.19	peak

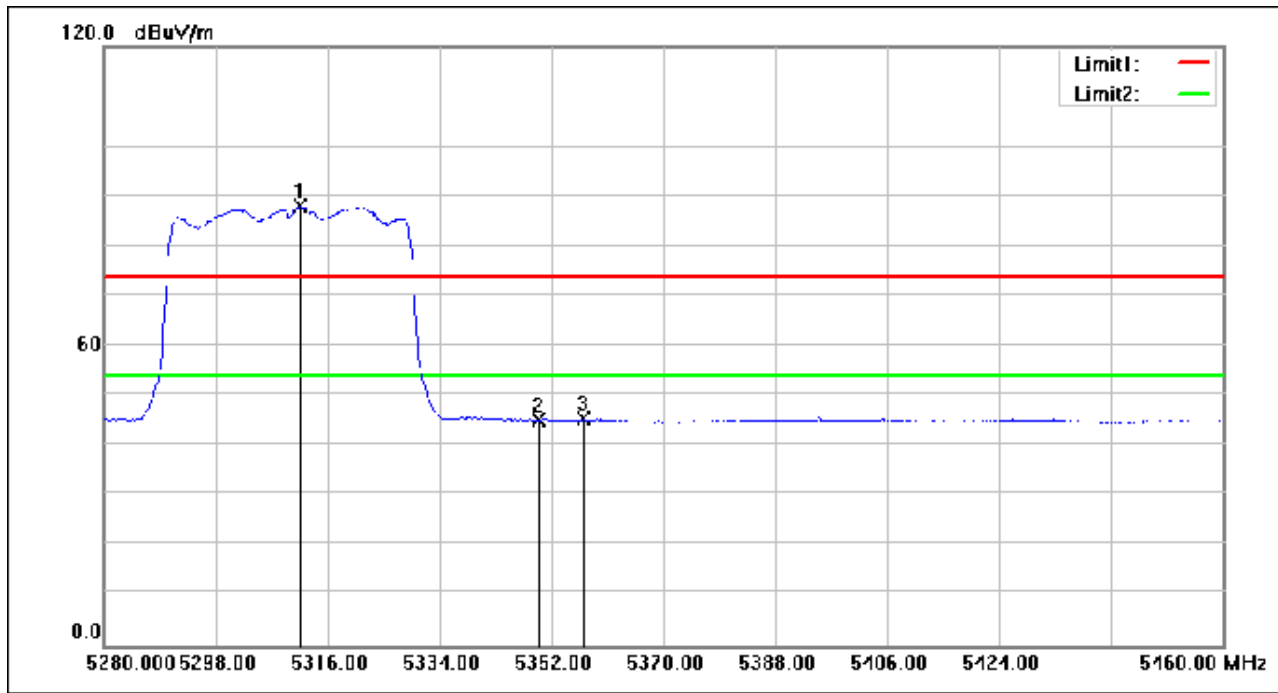
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5311.500	105.94	-17.97	87.97	54.00	33.97	AVG
2	5350.000	63.07	-17.92	45.15	54.00	-8.85	AVG
3	5357.220	63.33	-17.91	45.42	54.00	-8.58	AVG

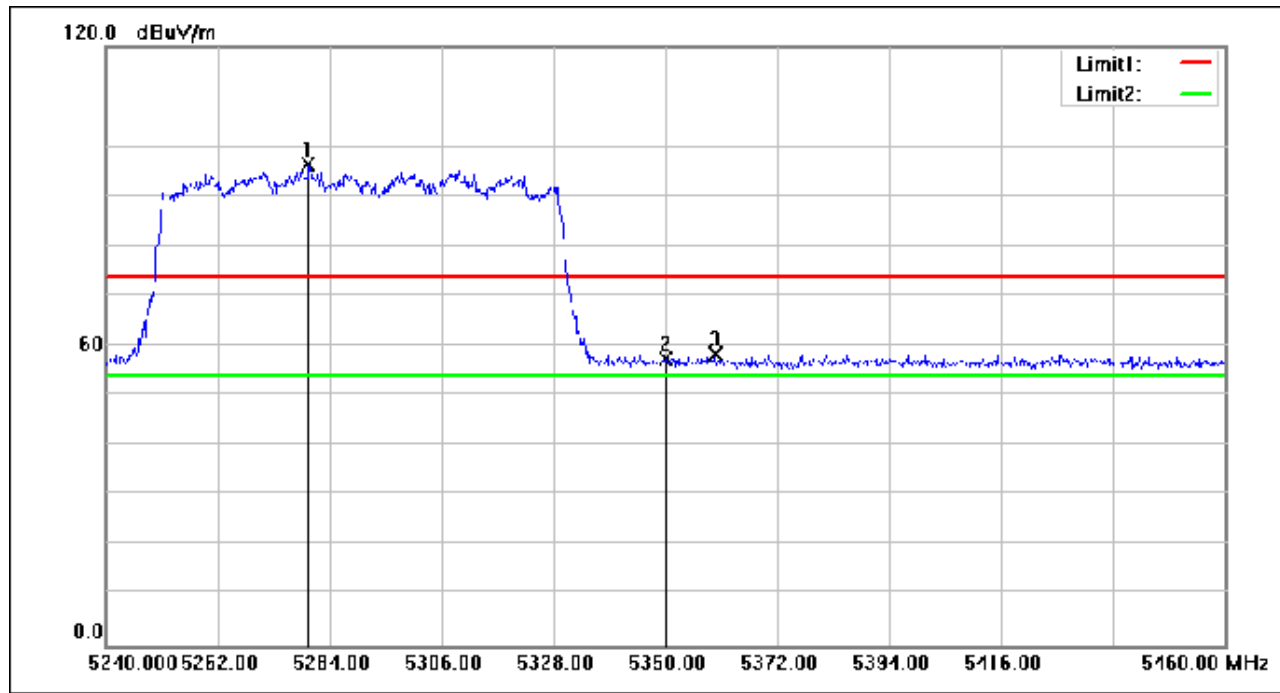
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5279.820	114.47	-18.02	96.45	74.00	22.45	peak
2	5350.000	75.47	-17.92	57.55	74.00	-16.45	peak
3	5359.680	76.26	-17.90	58.36	74.00	-15.64	peak

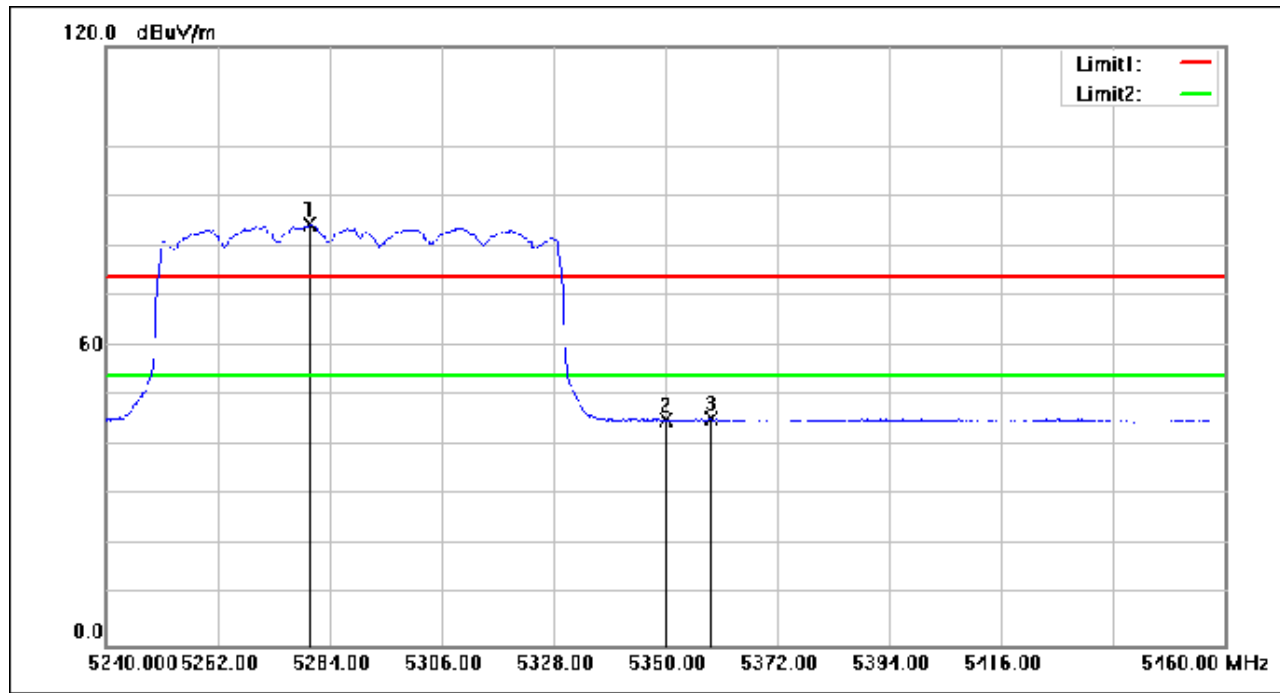
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Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5280.040	102.35	-18.02	84.33	54.00	30.33	AVG
2	5350.000	63.13	-17.92	45.21	54.00	-8.79	AVG
3	5358.800	63.27	-17.90	45.37	54.00	-8.63	AVG

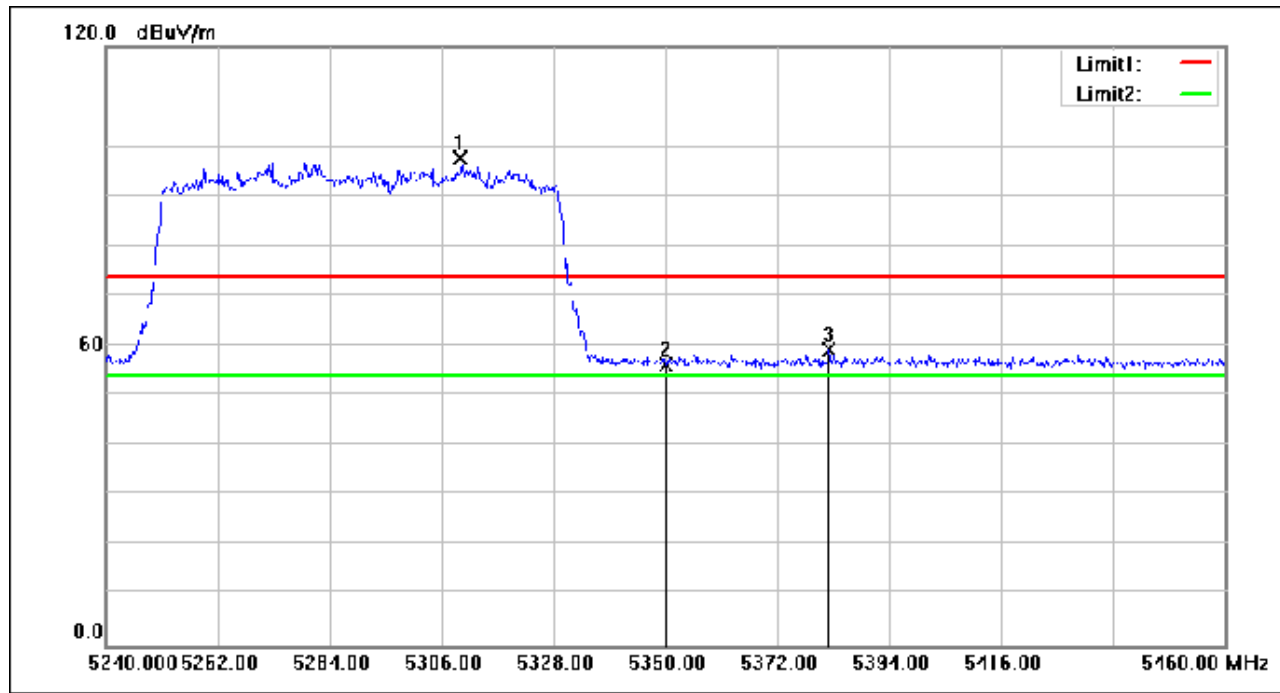
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5309.740	115.57	-17.98	97.59	74.00	23.59	peak
2	5350.000	74.18	-17.92	56.26	74.00	-17.74	peak
3	5382.120	77.24	-17.87	59.37	74.00	-14.63	peak

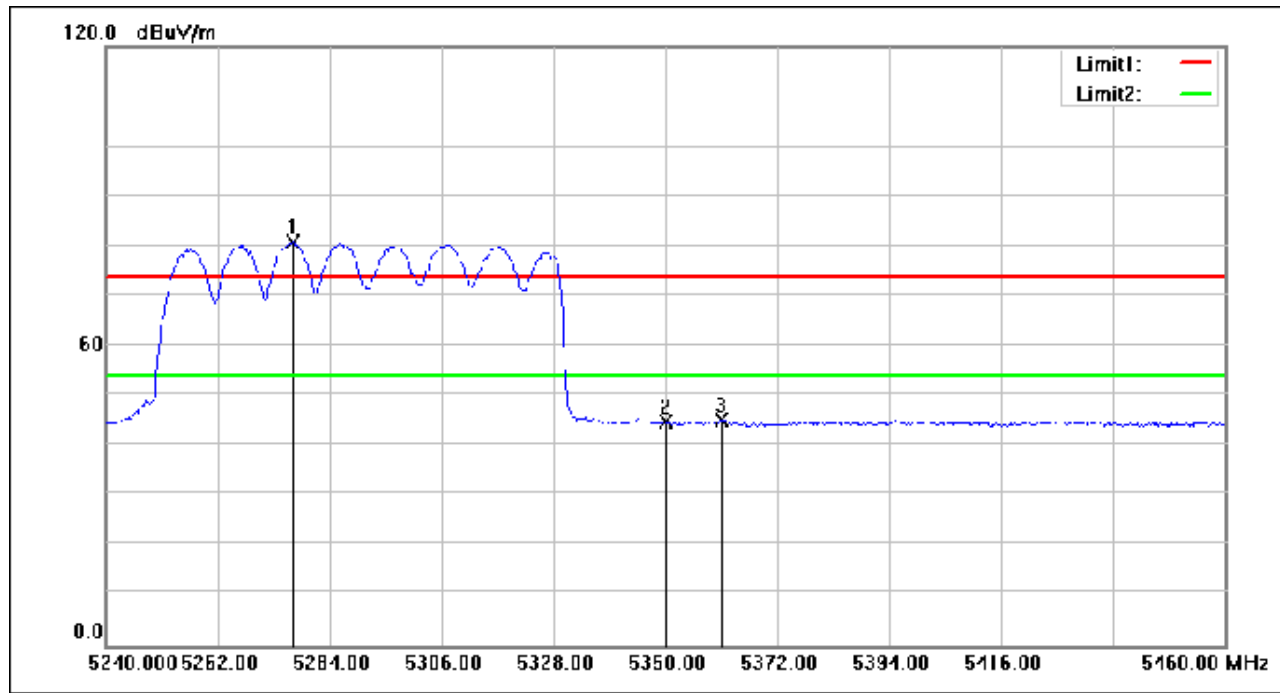
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Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5276.740	98.73	-18.02	80.71	54.00	26.71	AVG
2	5350.000	62.69	-17.92	44.77	54.00	-9.23	AVG
3	5361.000	62.95	-17.90	45.05	54.00	-8.95	AVG

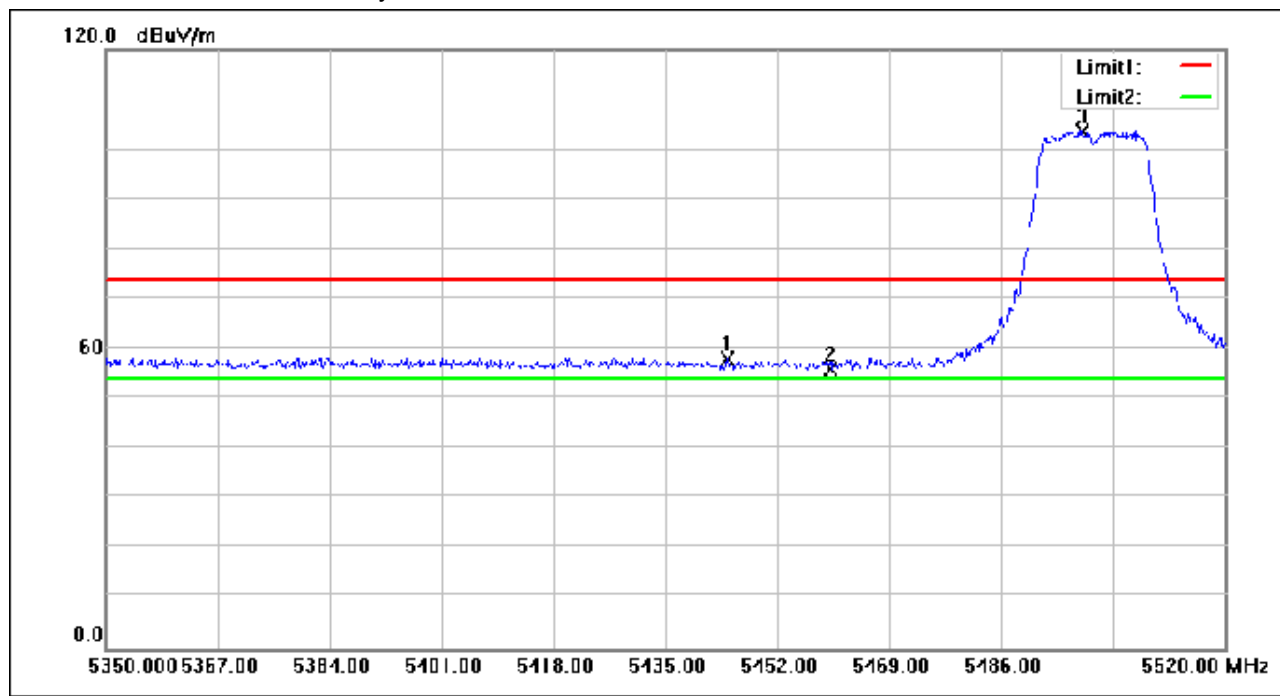
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5444.350	75.79	-17.78	58.01	74.00	-15.99	peak
2	5460.000	73.68	-17.76	55.92	74.00	-18.08	peak
3	5498.410	121.44	-17.70	103.74	74.00	29.74	peak

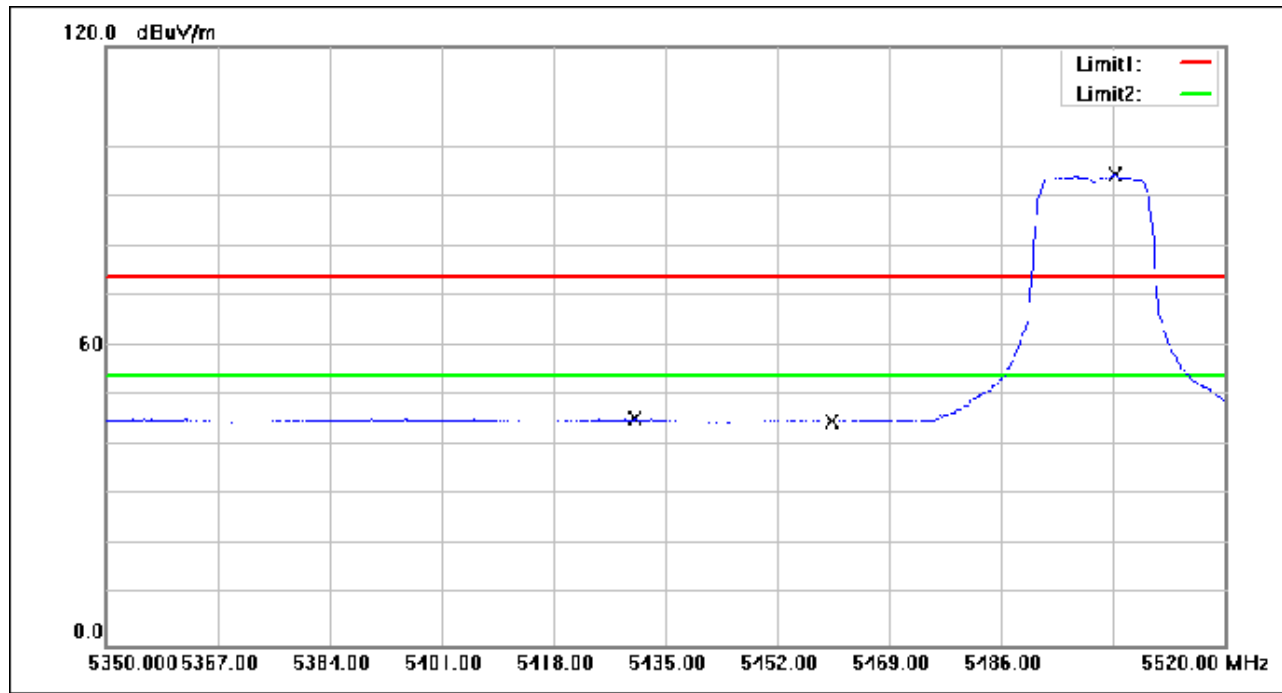
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5430.410	63.22	-17.79	45.43	54.00	-8.57	AVG
2	5460.000	62.66	-17.76	44.90	54.00	-9.10	AVG
3	5503.340	112.06	-17.69	94.37	54.00	40.37	AVG

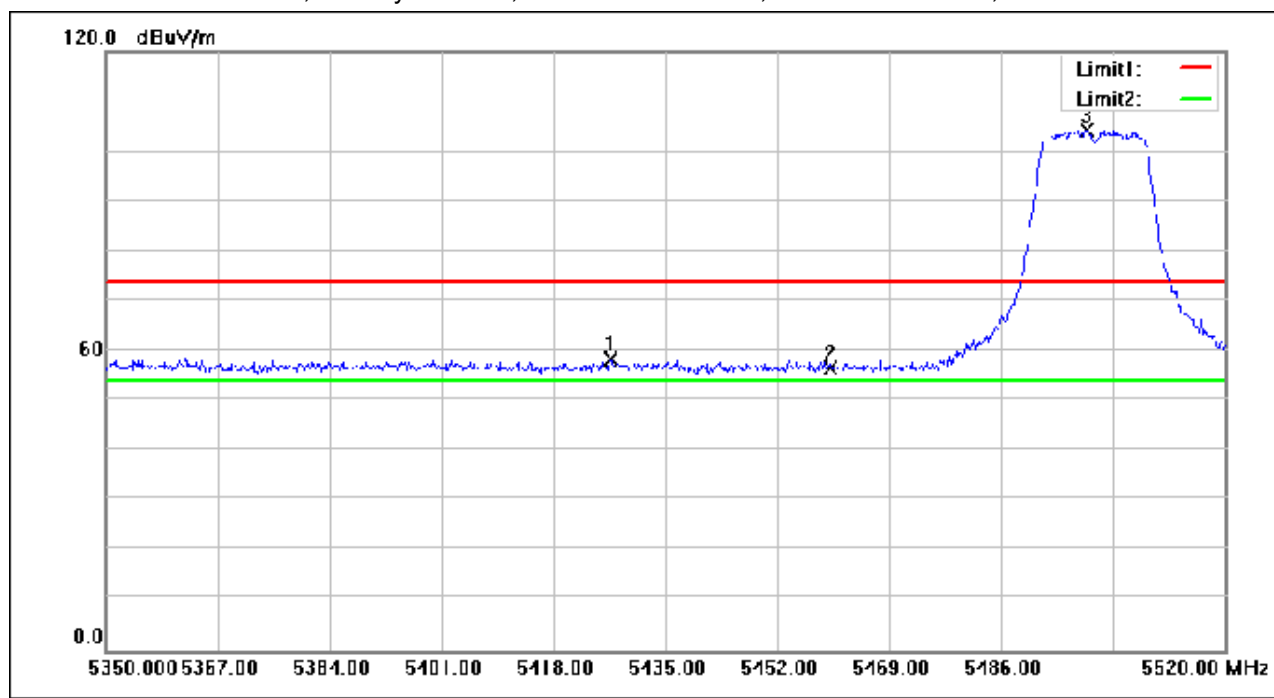
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Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5426.670	76.20	-17.81	58.39	74.00	-15.61	peak
2	5460.000	74.37	-17.76	56.61	74.00	-17.39	peak
3	5498.920	122.09	-17.70	104.39	74.00	30.39	peak

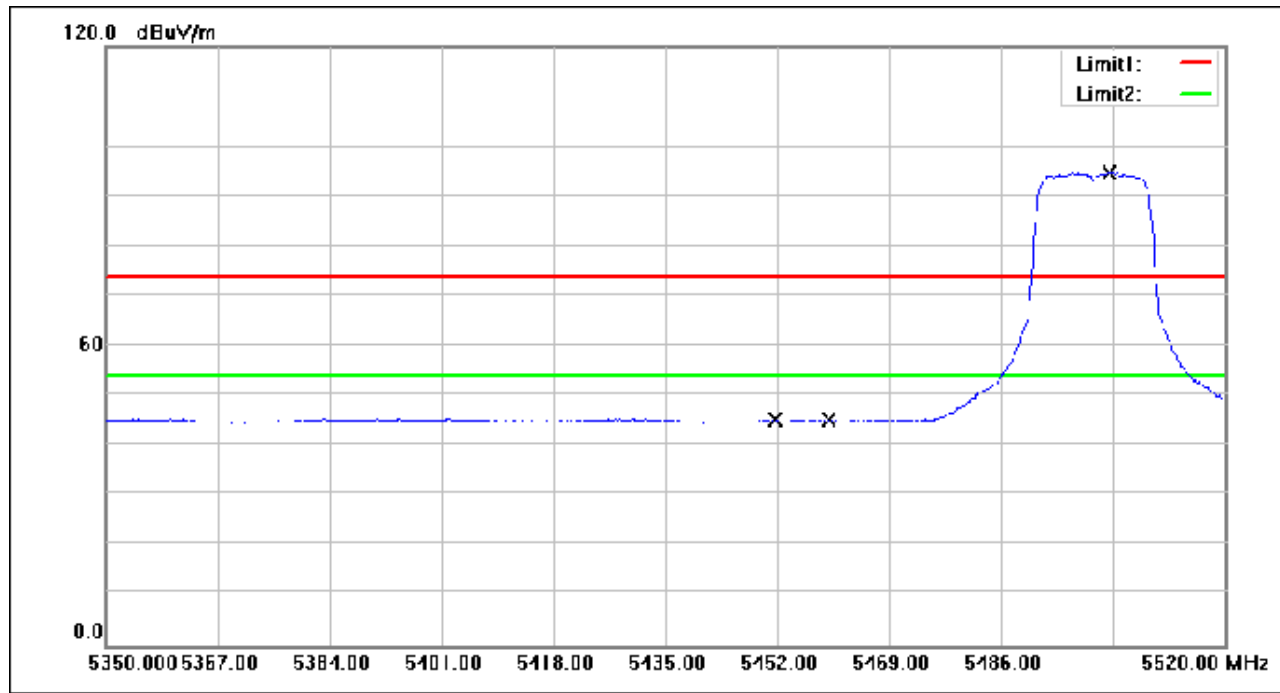
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Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.660	62.88	-17.76	45.12	54.00	-8.88	AVG
2	5460.000	62.78	-17.76	45.02	54.00	-8.98	AVG
3	5502.490	112.45	-17.69	94.76	54.00	40.76	AVG

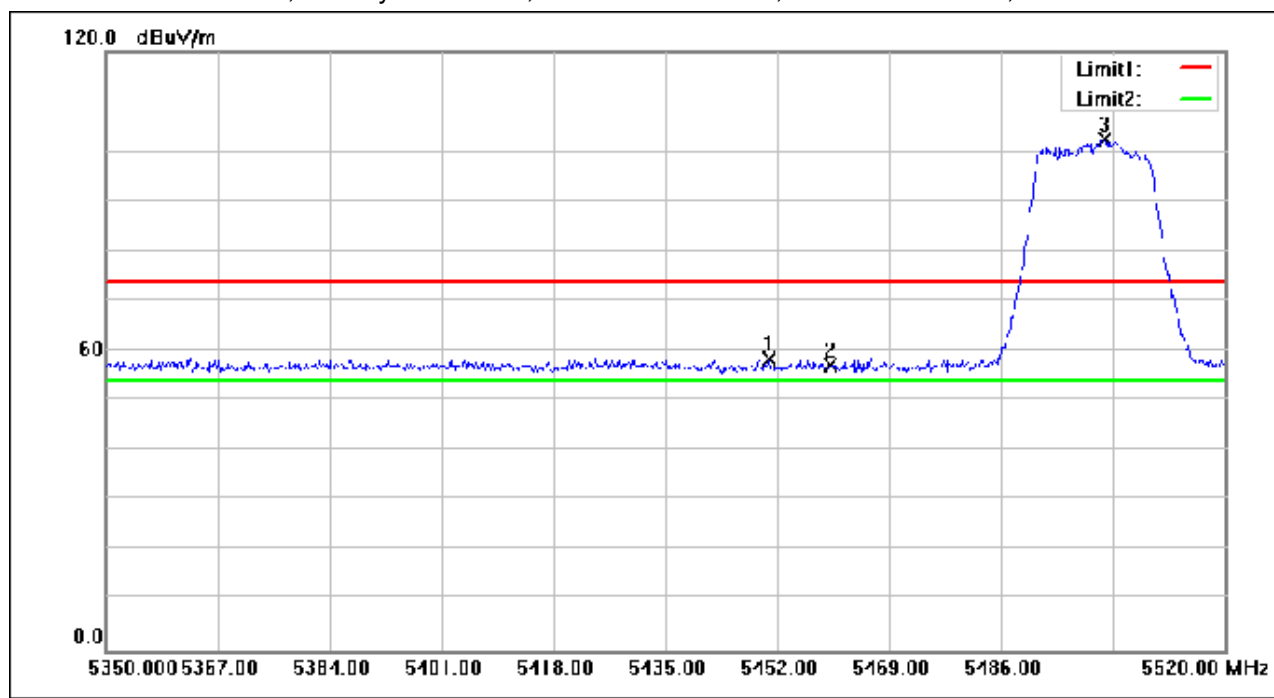
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.810	76.24	-17.76	58.48	74.00	-15.52	peak
2	5460.000	74.93	-17.76	57.17	74.00	-16.83	peak
3	5501.810	120.16	-17.70	102.46	74.00	28.46	peak

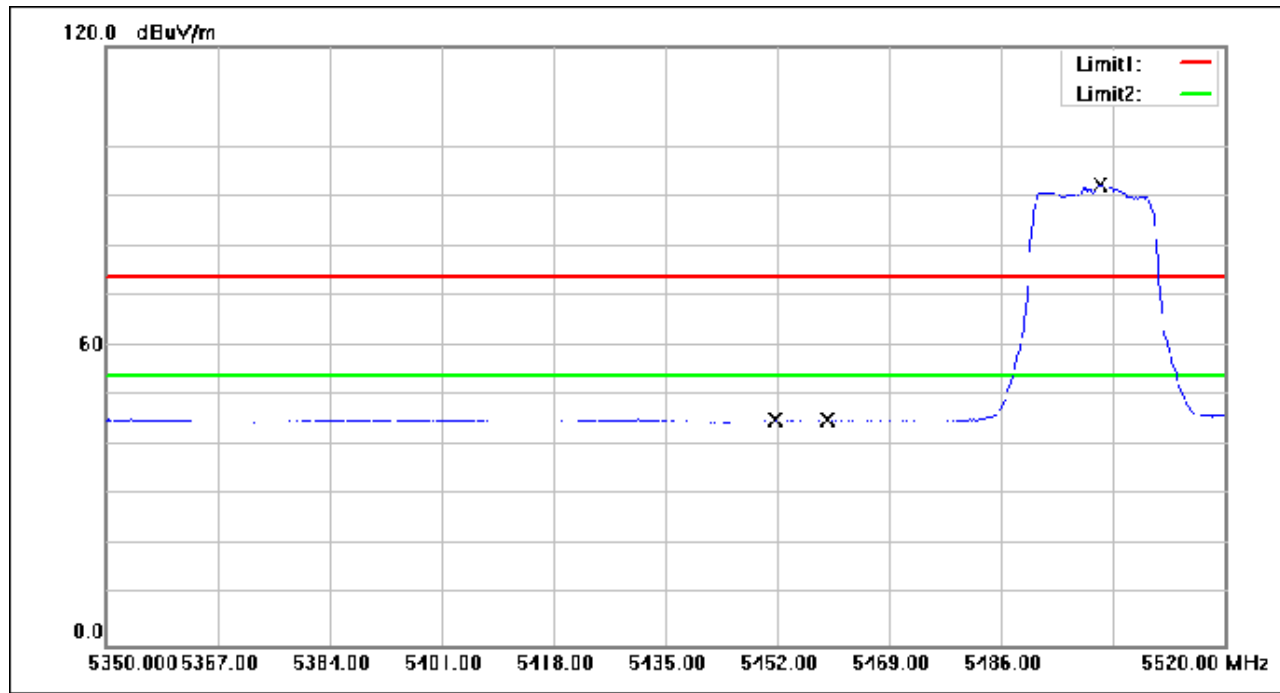
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.660	62.97	-17.76	45.21	54.00	-8.79	AVG
2	5460.000	62.56	-17.76	44.80	54.00	-9.20	AVG
3	5501.130	110.04	-17.70	92.34	54.00	38.34	AVG

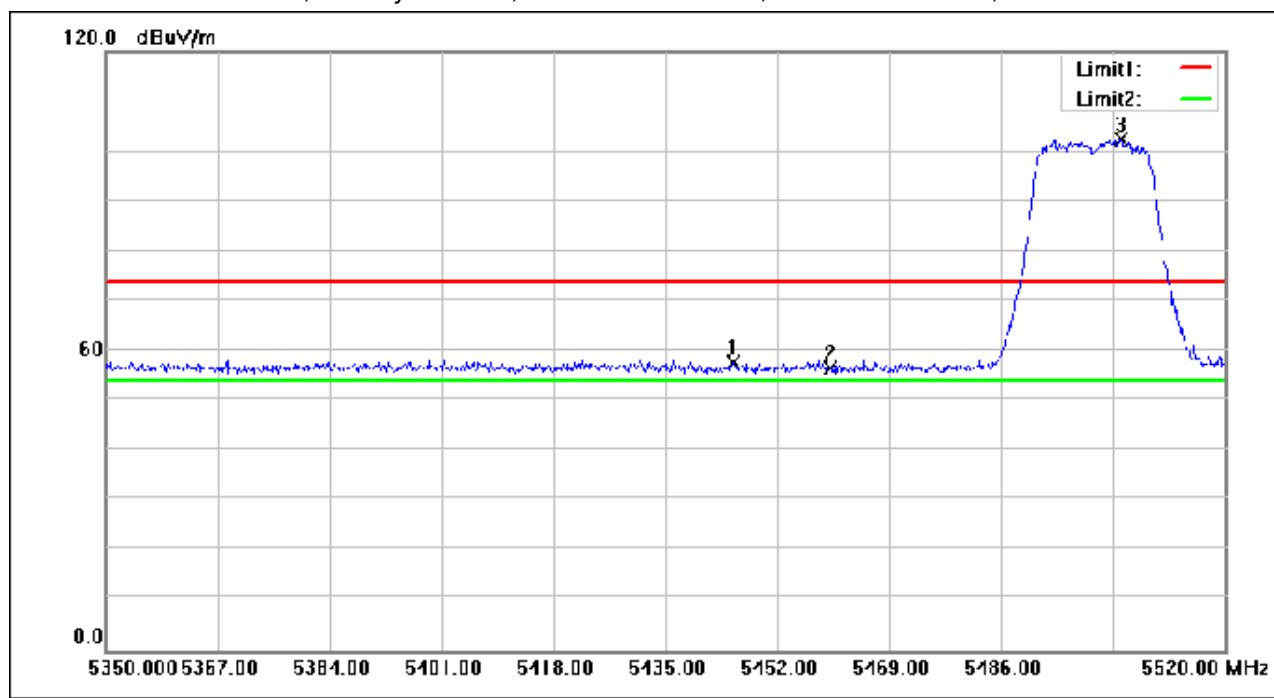
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5445.370	75.54	-17.78	57.76	74.00	-16.24	peak
2	5460.000	74.33	-17.76	56.57	74.00	-17.43	peak
3	5504.190	120.05	-17.69	102.36	74.00	28.36	peak

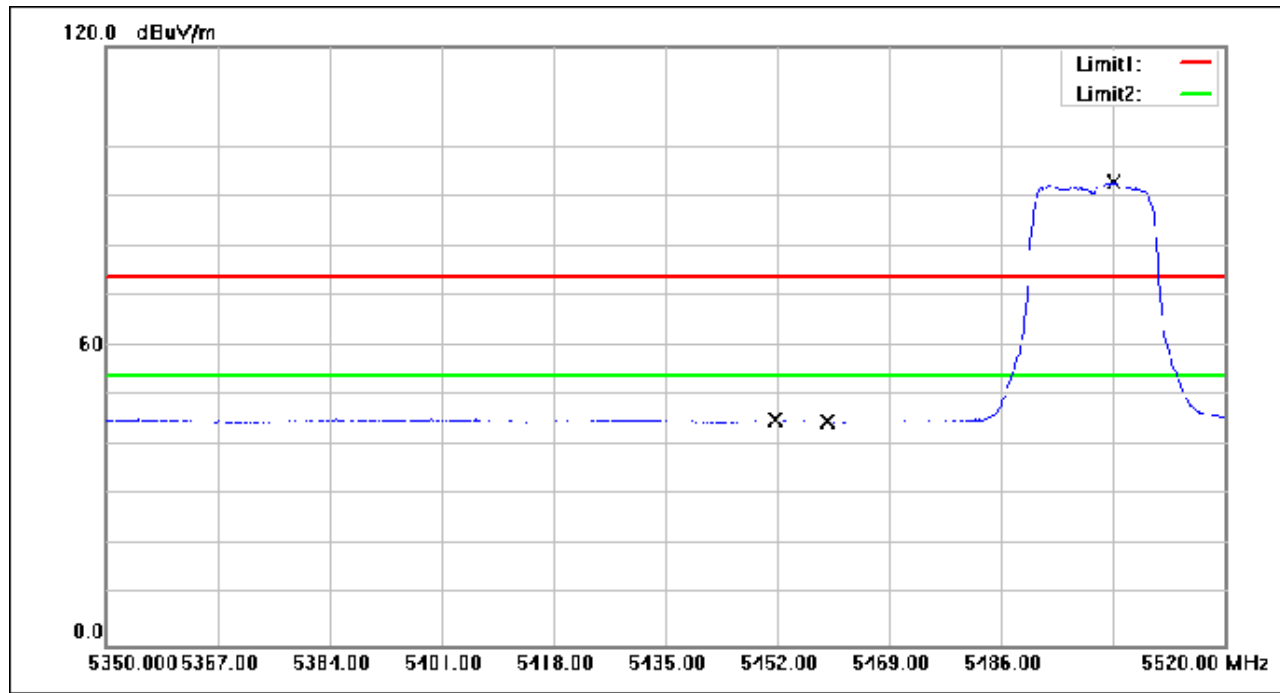
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.660	62.81	-17.76	45.05	54.00	-8.95	AVG
2	5460.000	62.57	-17.76	44.81	54.00	-9.19	AVG
3	5503.000	110.44	-17.69	92.75	54.00	38.75	AVG

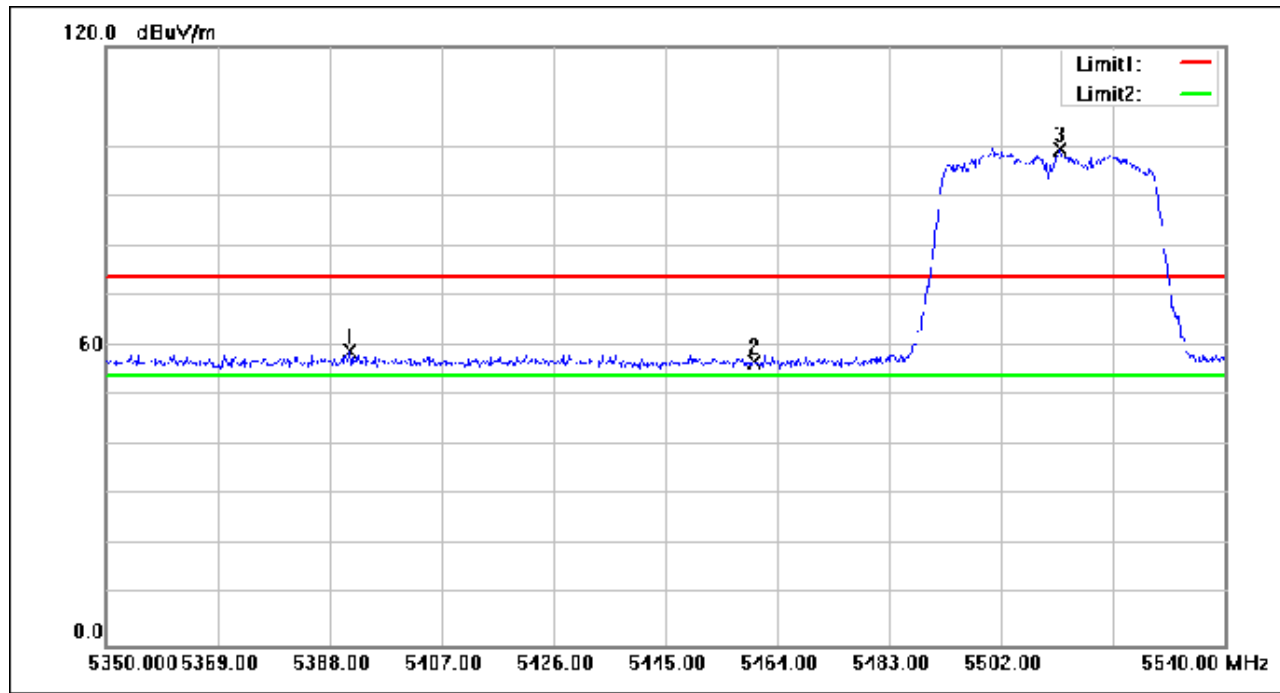
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5391.420	76.73	-17.85	58.88	74.00	-15.12	peak
2	5460.000	74.51	-17.76	56.75	74.00	-17.25	peak
3	5512.070	117.00	-17.68	99.32	74.00	25.32	peak

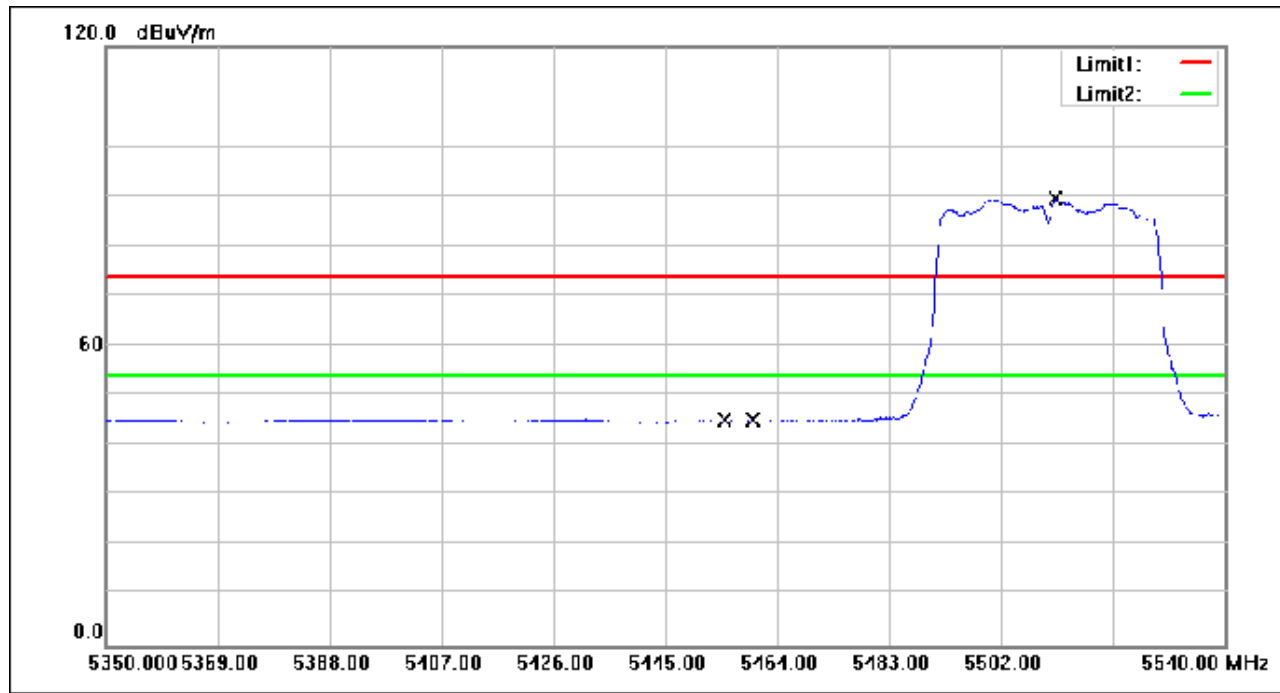
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.070	62.91	-17.76	45.15	54.00	-8.85	AVG
2	5460.000	62.59	-17.76	44.83	54.00	-9.17	AVG
3	5511.310	107.10	-17.68	89.42	54.00	35.42	AVG

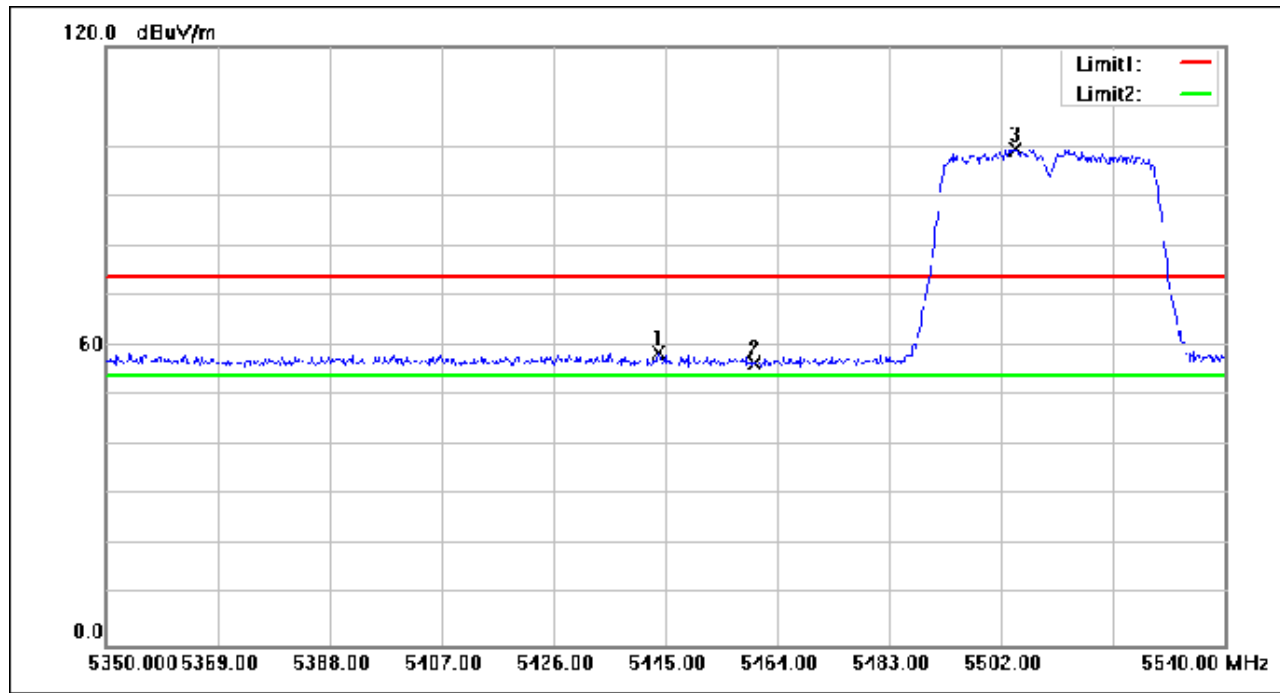
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5443.860	76.31	-17.78	58.53	74.00	-15.47	peak
2	5460.000	74.17	-17.76	56.41	74.00	-17.59	peak
3	5504.470	117.12	-17.69	99.43	74.00	25.43	peak

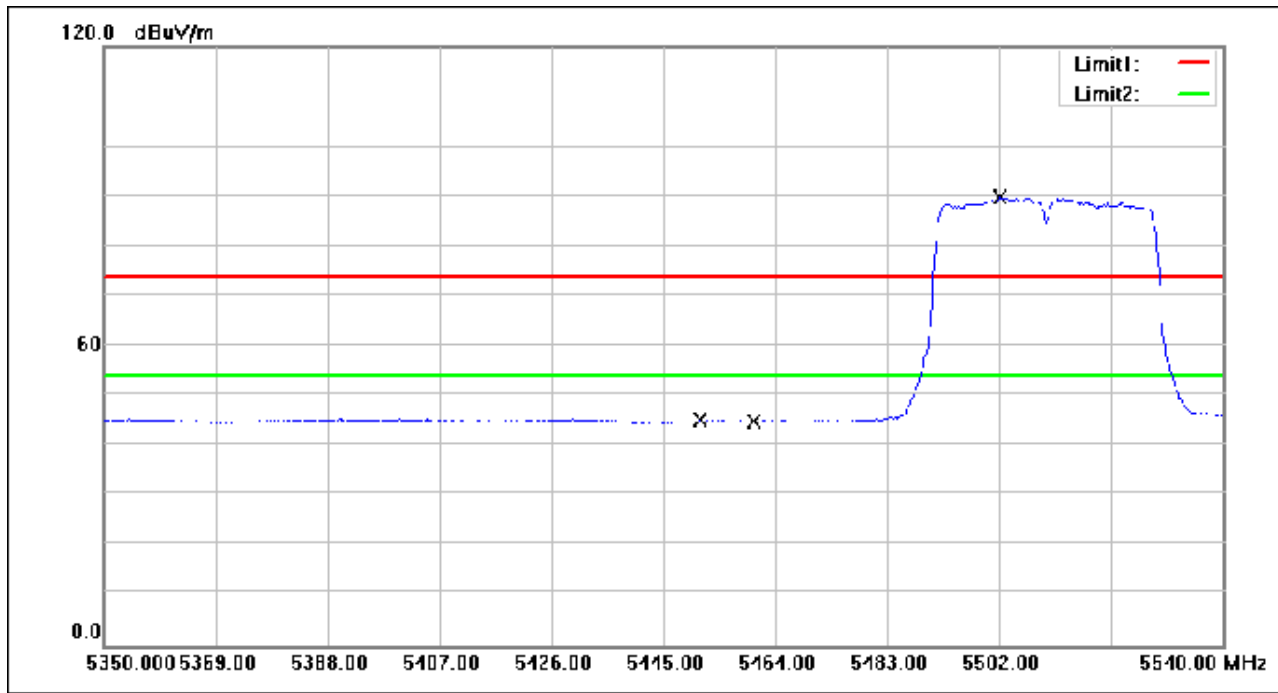
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Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5451.270	62.83	-17.76	45.07	54.00	-8.93	AVG
2	5460.000	62.60	-17.76	44.84	54.00	-9.16	AVG
3	5502.190	107.45	-17.70	89.75	54.00	35.75	AVG

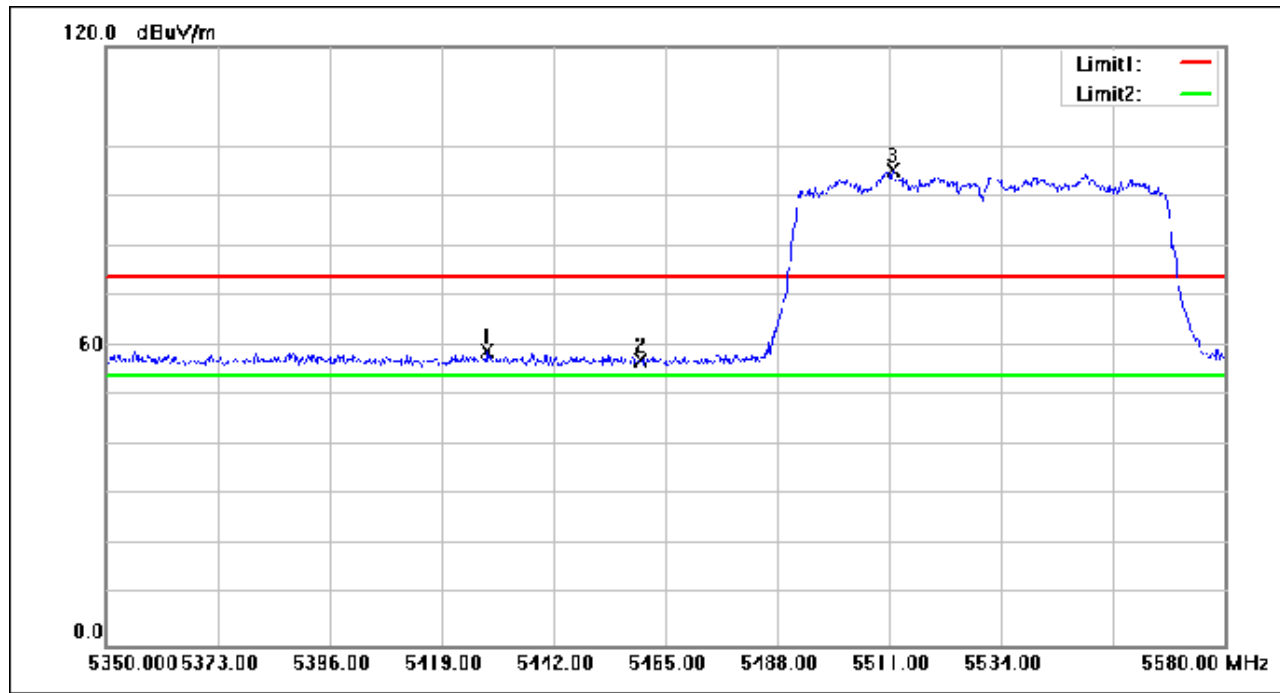
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.430	76.66	-17.81	58.85	74.00	-15.15	peak
2	5460.000	74.96	-17.76	57.20	74.00	-16.80	peak
3	5511.690	113.00	-17.68	95.32	74.00	21.32	peak

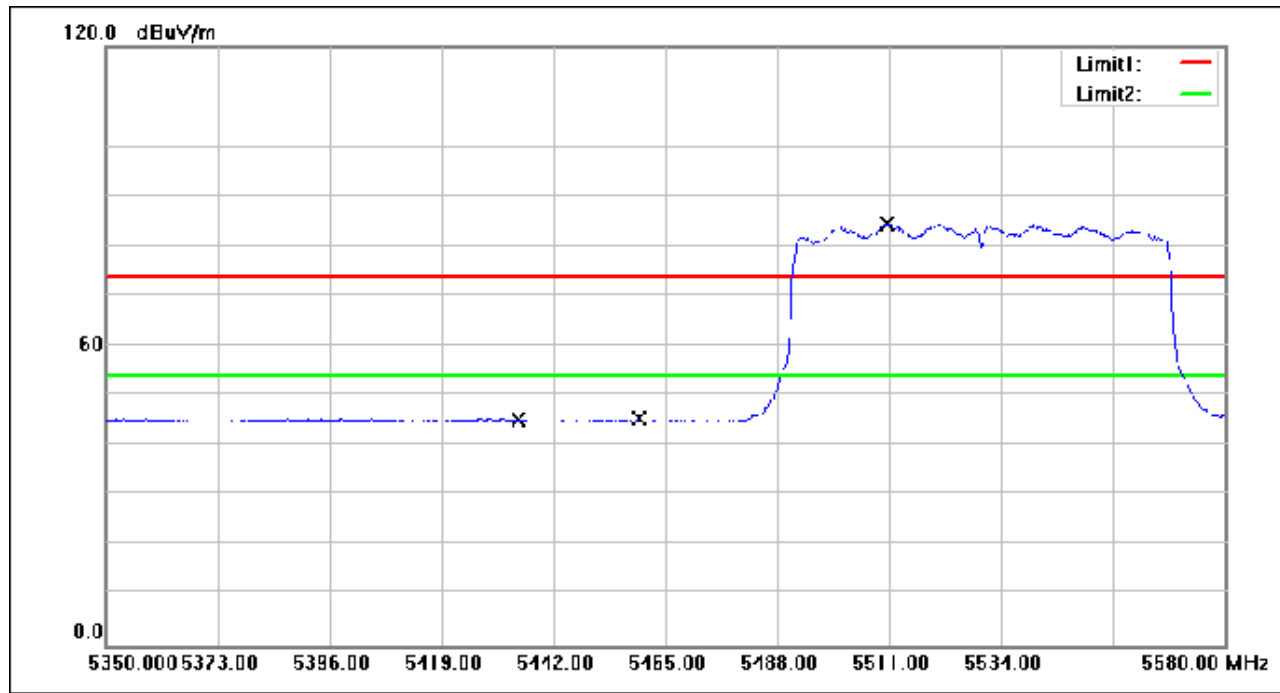
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5434.870	63.06	-17.79	45.27	54.00	-8.73	AVG
2	5460.000	62.67	-17.76	44.91	54.00	-9.09	AVG
3	5510.540	102.18	-17.68	84.50	54.00	30.50	AVG

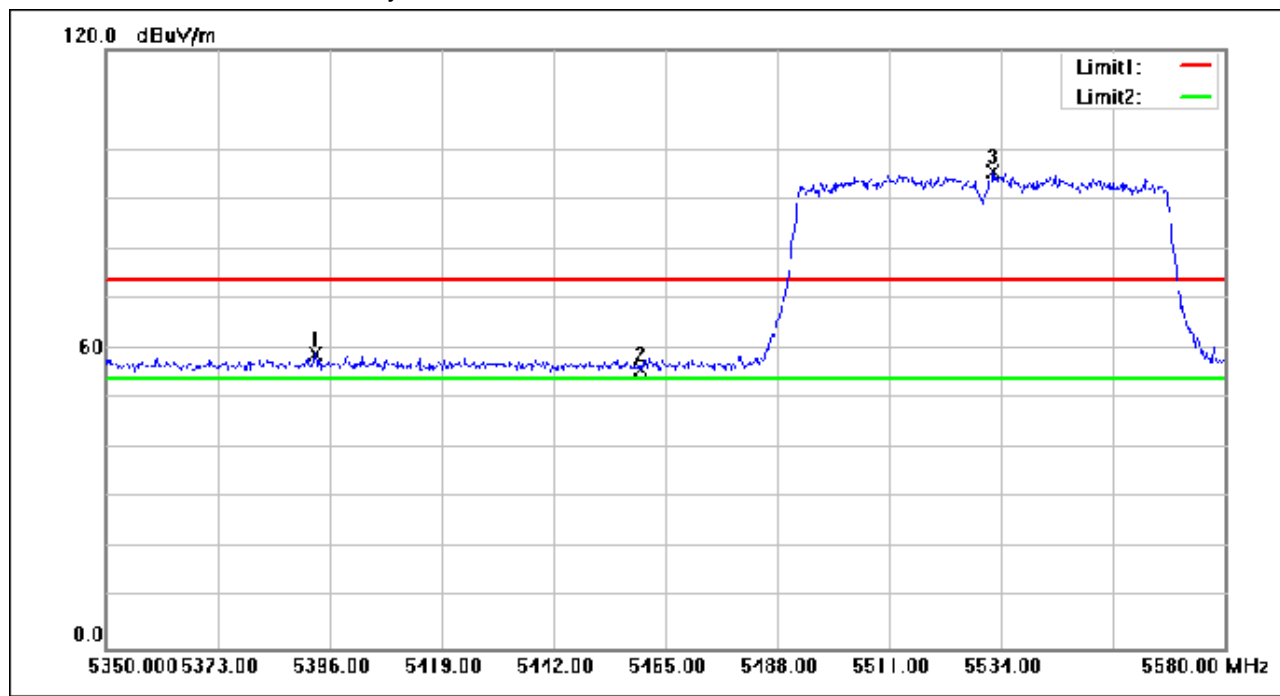
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5393.010	76.95	-17.85	59.10	74.00	-14.90	peak
2	5460.000	73.84	-17.76	56.08	74.00	-17.92	peak
3	5532.390	113.05	-17.65	95.40	74.00	21.40	peak

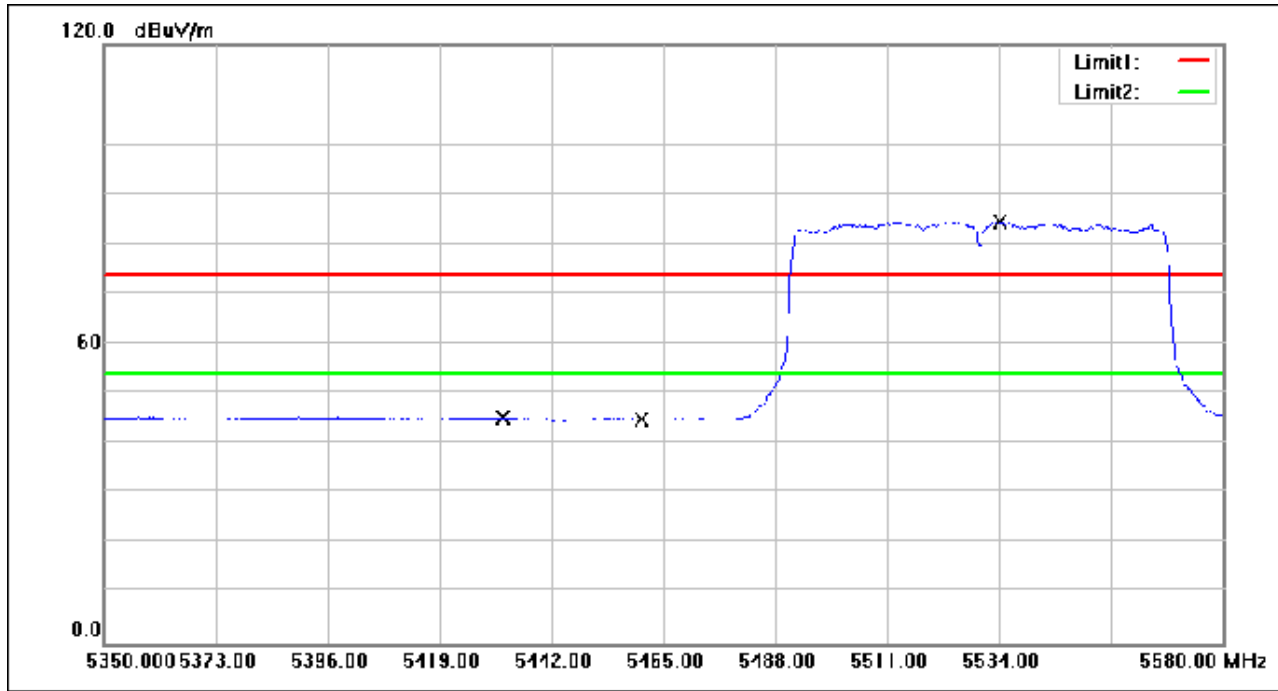
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5431.880	63.01	-17.79	45.22	54.00	-8.78	AVG
2	5460.000	62.66	-17.76	44.90	54.00	-9.10	AVG
3	5534.230	102.24	-17.64	84.60	54.00	30.60	AVG

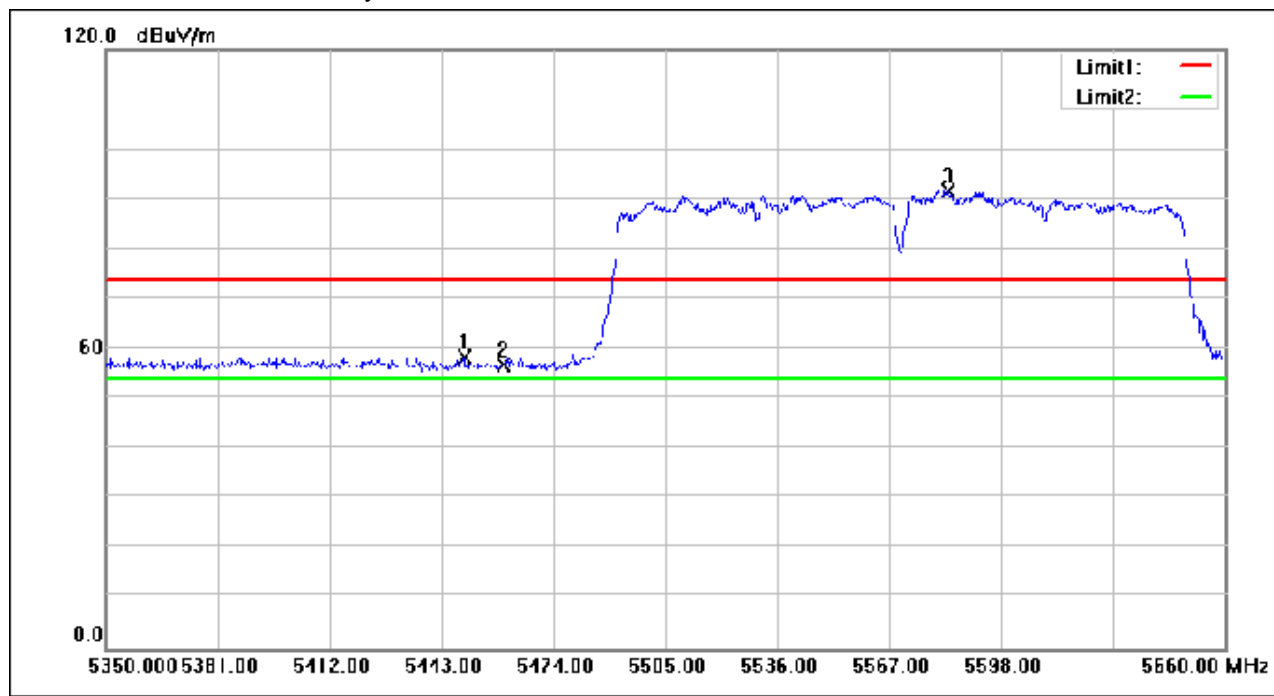
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5449.200	76.08	-17.78	58.30	74.00	-15.70	peak
2	5460.000	74.56	-17.76	56.80	74.00	-17.20	peak
3	5583.120	109.10	-17.51	91.59	74.00	17.59	peak

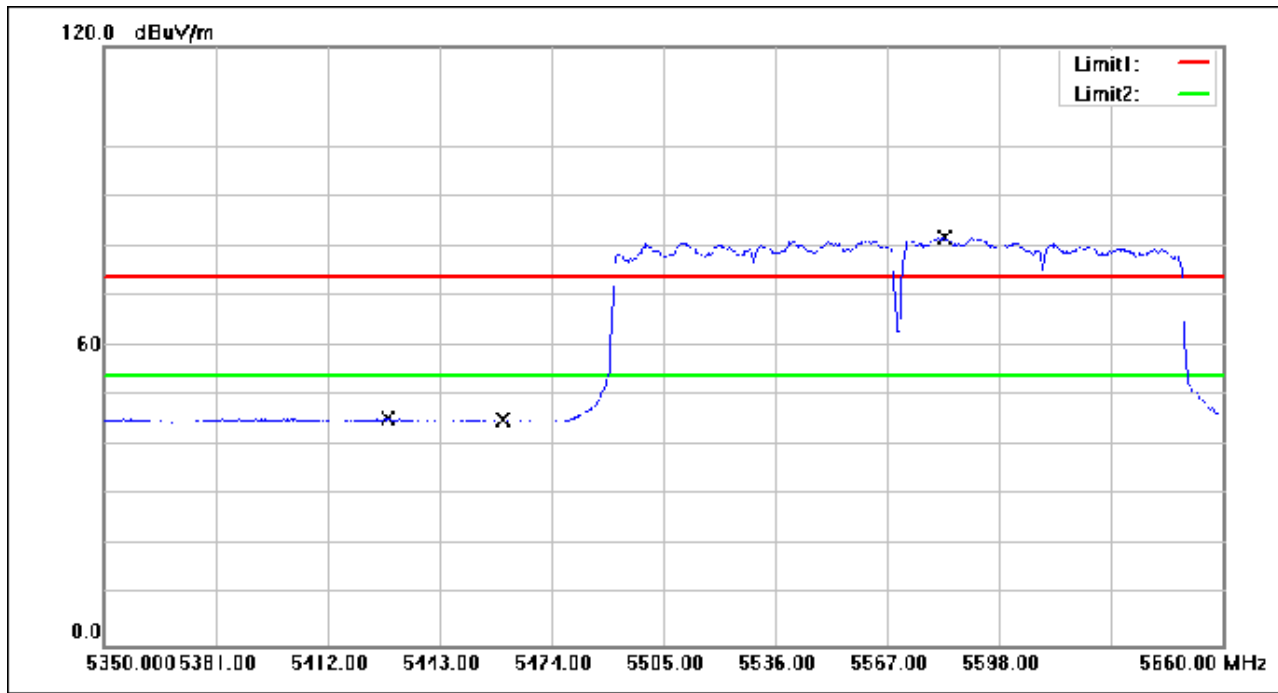
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.740	63.28	-17.81	45.47	54.00	-8.53	AVG
2	5460.000	62.67	-17.76	44.91	54.00	-9.09	AVG
3	5582.810	99.26	-17.51	81.75	54.00	27.75	AVG

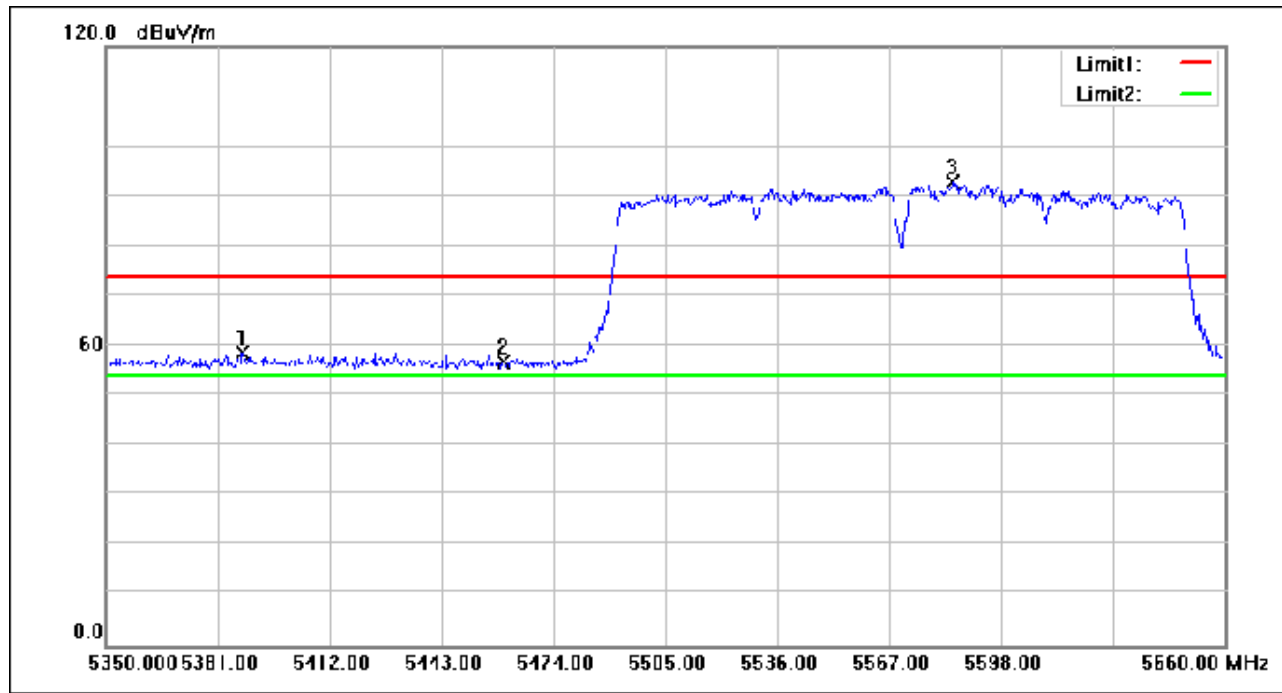
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5387.820	76.61	-17.87	58.74	74.00	-15.26	peak
2	5460.000	74.68	-17.76	56.92	74.00	-17.08	peak
3	5584.670	110.22	-17.51	92.71	74.00	18.71	peak

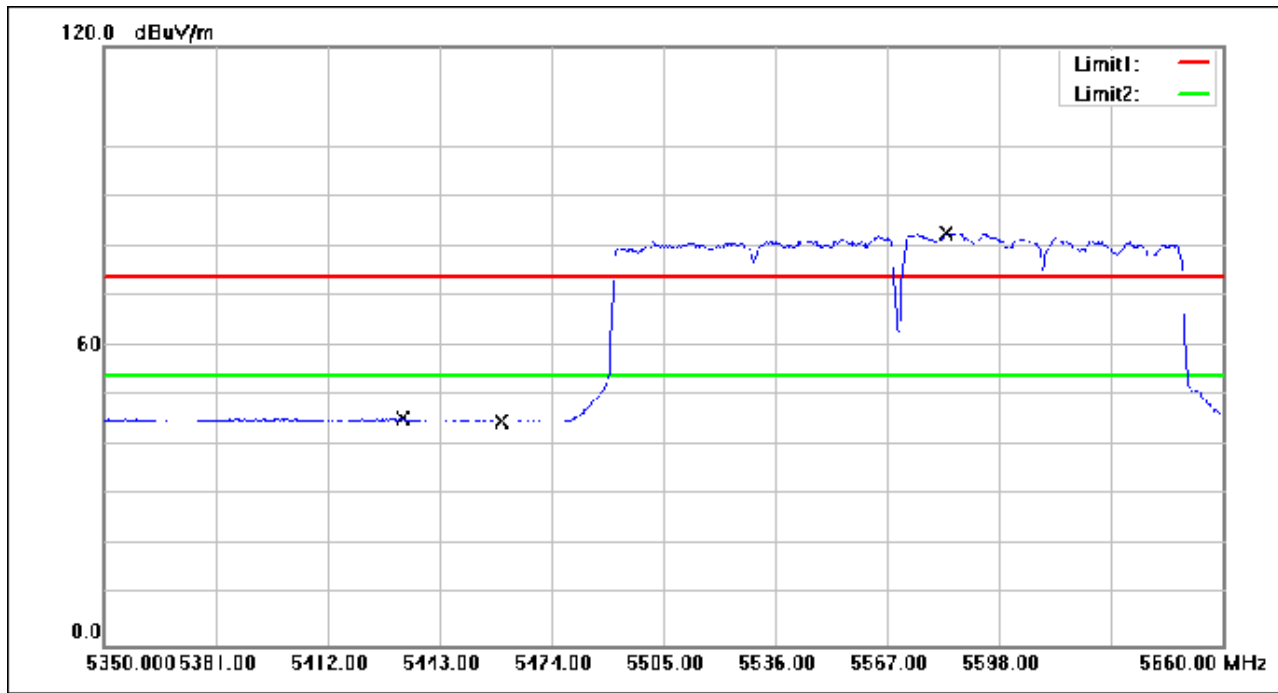
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5432.770	63.31	-17.79	45.52	54.00	-8.48	AVG
2	5460.000	62.75	-17.76	44.99	54.00	-9.01	AVG
3	5583.430	100.26	-17.51	82.75	54.00	28.75	AVG

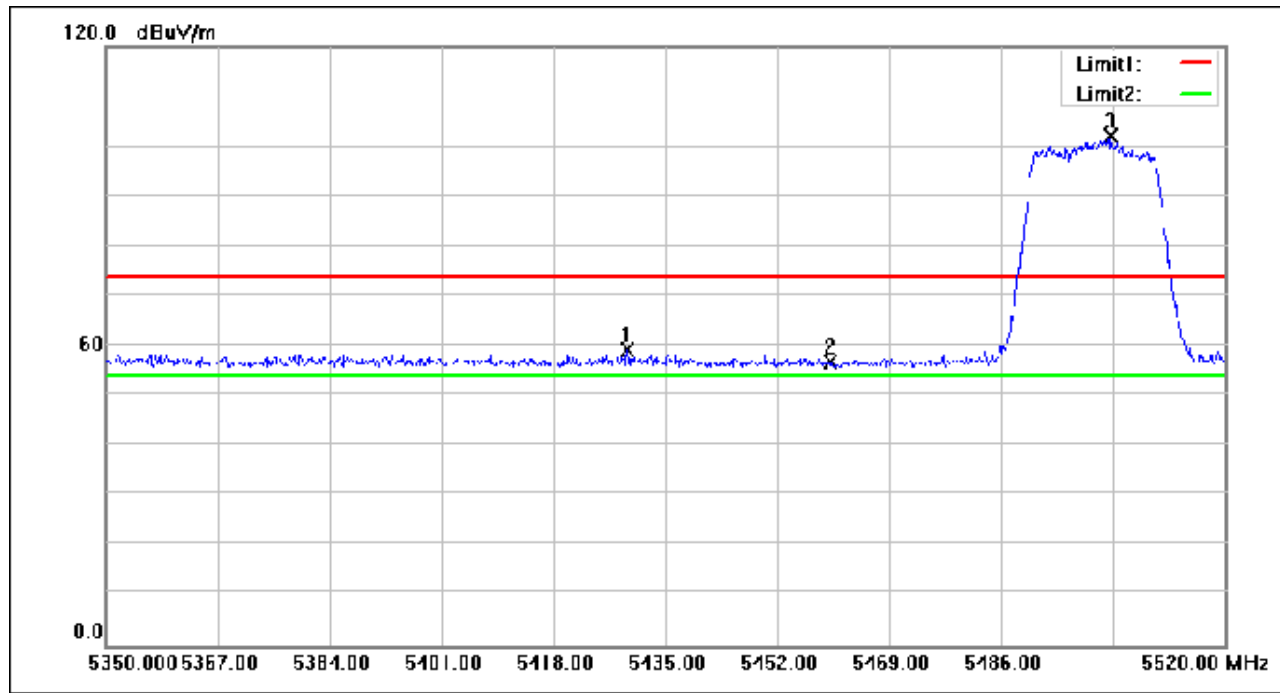
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Test Mode: 10; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5429.220	76.92	-17.81	59.11	74.00	-14.89	peak
2	5460.000	74.49	-17.76	56.73	74.00	-17.27	peak
3	5502.660	119.98	-17.69	102.29	74.00	28.29	peak

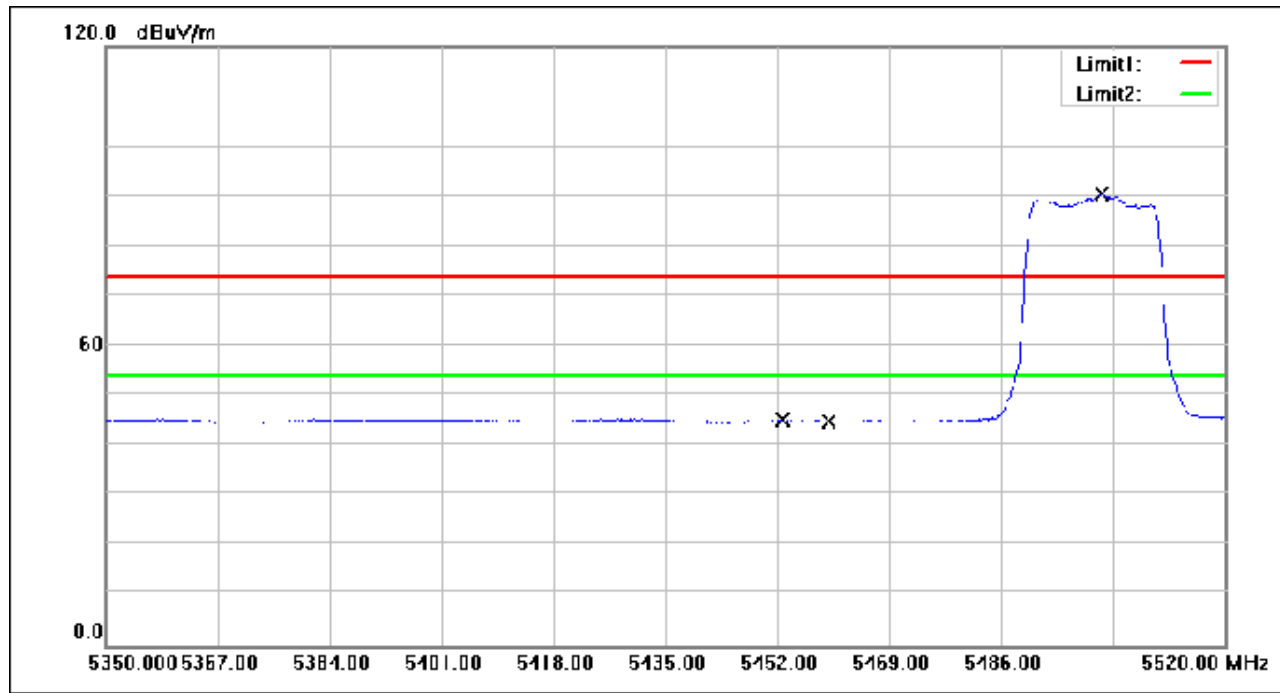
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.850	62.87	-17.76	45.11	54.00	-8.89	AVG
2	5460.000	62.69	-17.76	44.93	54.00	-9.07	AVG
3	5501.300	108.20	-17.70	90.50	54.00	36.50	AVG

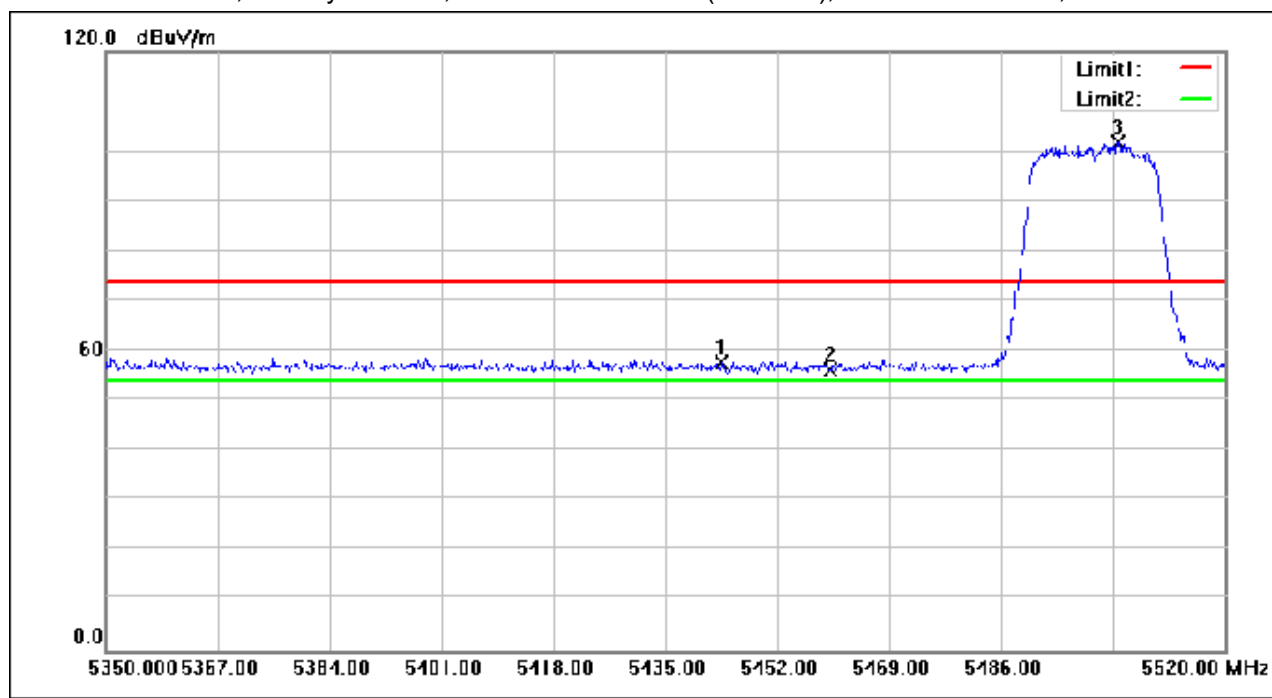
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; 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	5443.500	75.65	-17.78	57.87	74.00	-16.13	peak
2	5460.000	73.94	-17.76	56.18	74.00	-17.82	peak
3	5503.850	119.57	-17.69	101.88	74.00	27.88	peak

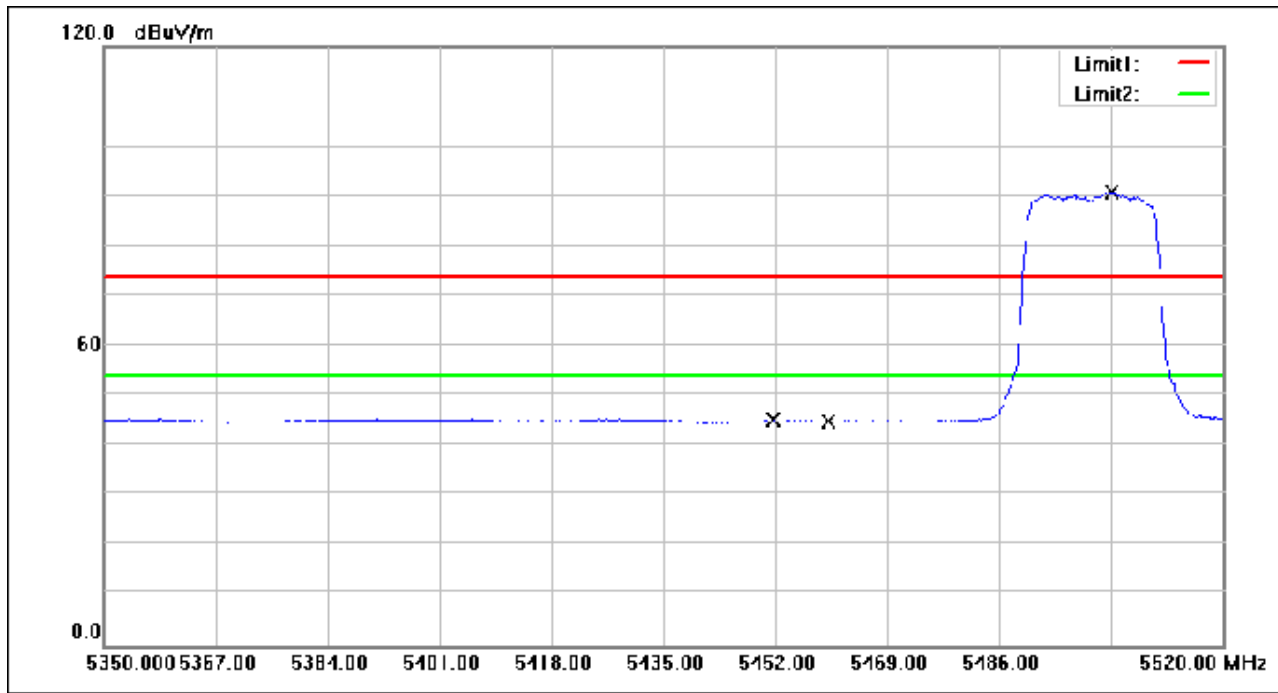
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; 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	5451.660	62.85	-17.76	45.09	54.00	-8.91	AVG
2	5460.000	62.65	-17.76	44.89	54.00	-9.11	AVG
3	5503.000	108.54	-17.69	90.85	54.00	36.85	AVG

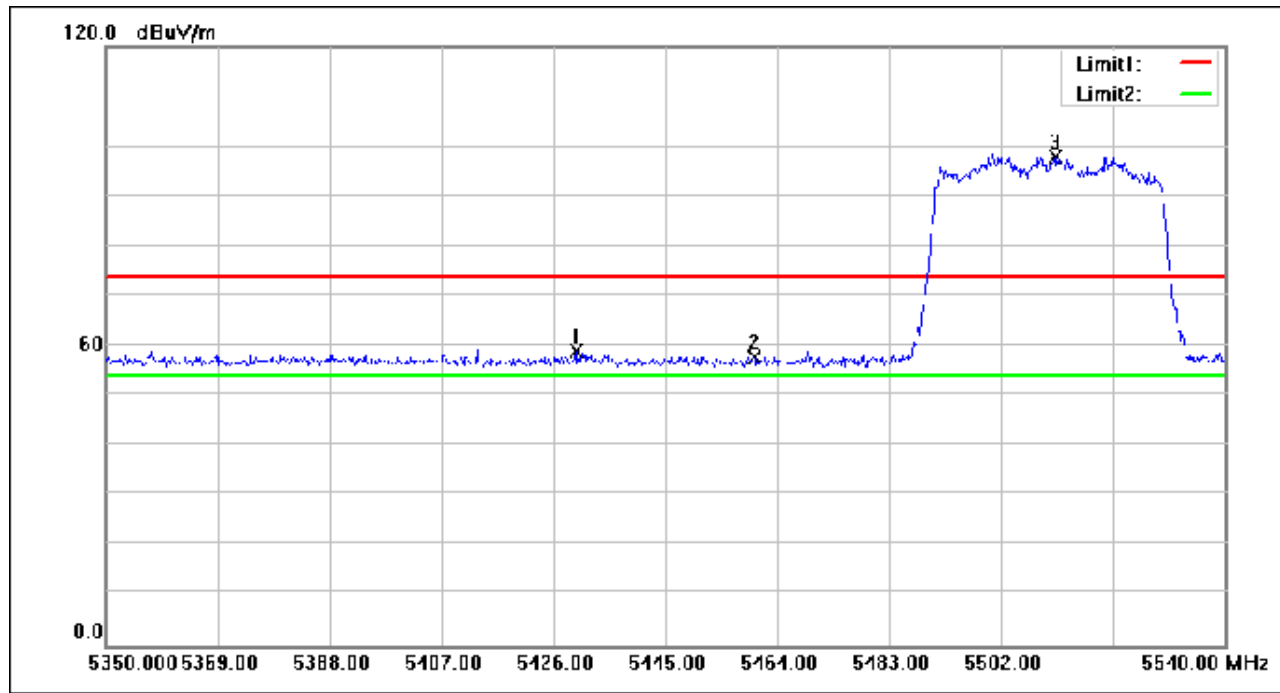
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Test Mode: 10; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5429.800	76.82	-17.81	59.01	74.00	-14.99	peak
2	5460.000	75.53	-17.76	57.77	74.00	-16.23	peak
3	5511.120	115.78	-17.68	98.10	74.00	24.10	peak

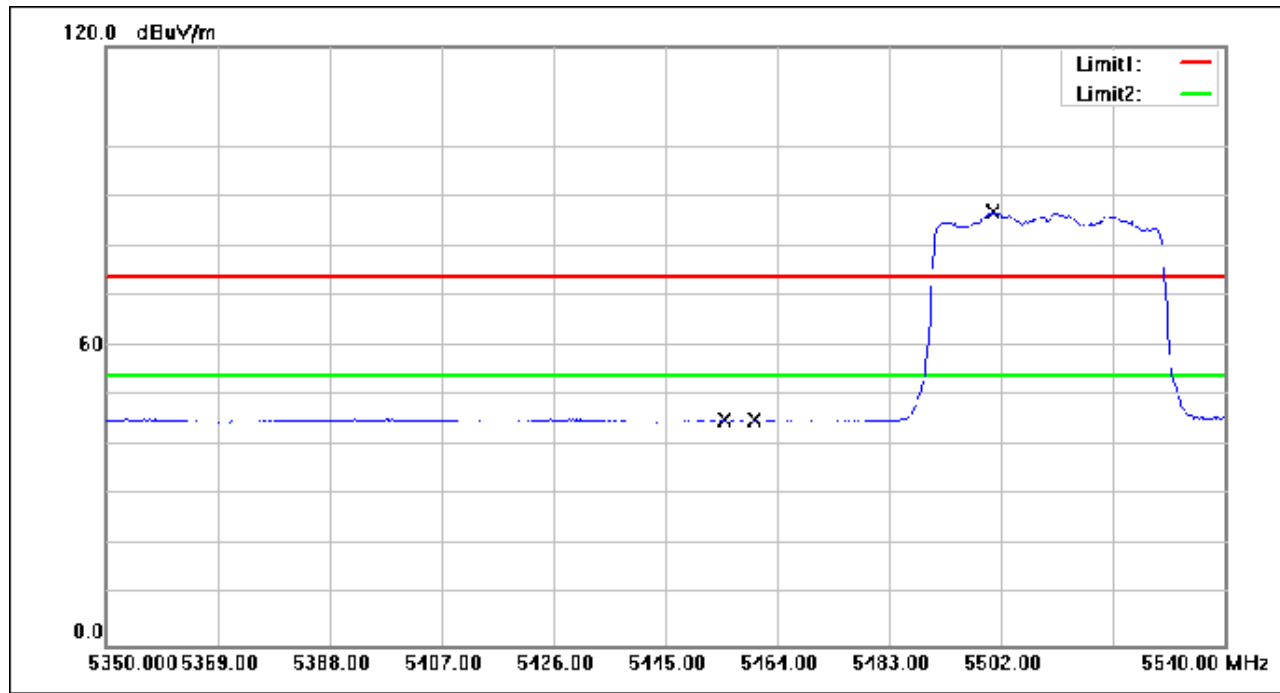
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Test Mode: 10; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.070	62.92	-17.76	45.16	54.00	-8.84	AVG
2	5460.000	62.83	-17.76	45.07	54.00	-8.93	AVG
3	5500.670	104.47	-17.70	86.77	54.00	32.77	AVG

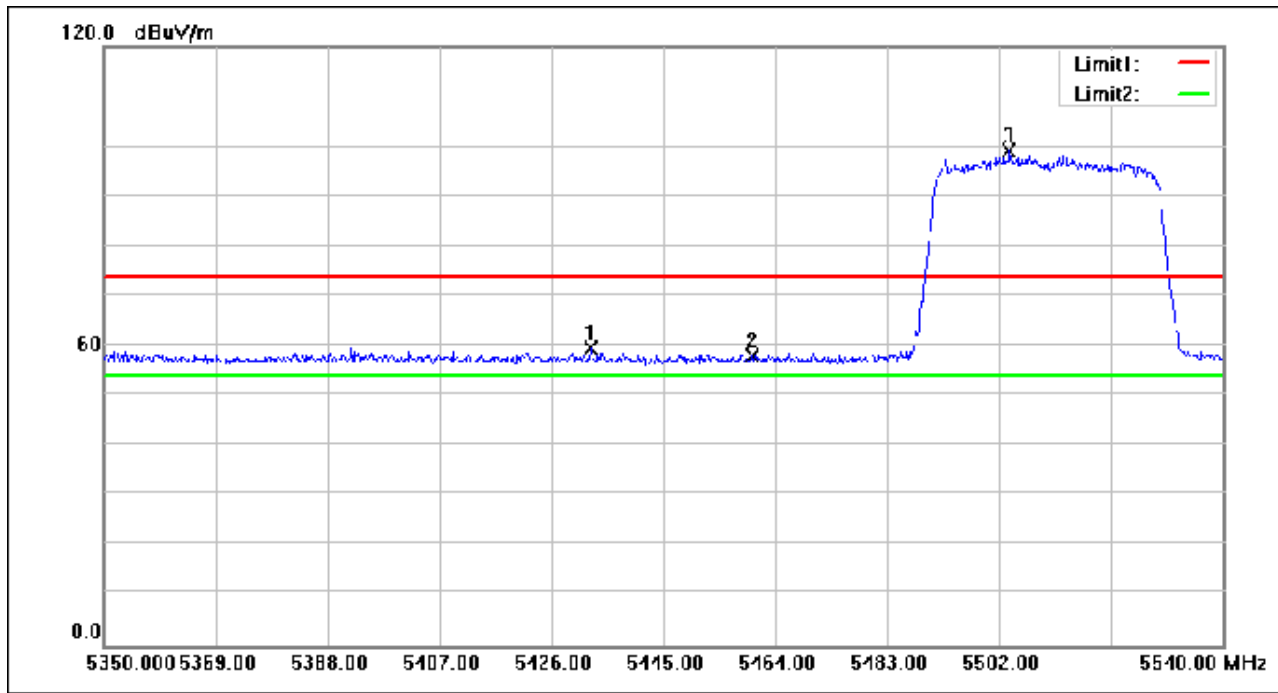
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5432.650	77.29	-17.79	59.50	74.00	-14.50	peak
2	5460.000	75.71	-17.76	57.95	74.00	-16.05	peak
3	5503.710	116.86	-17.69	99.17	74.00	25.17	peak

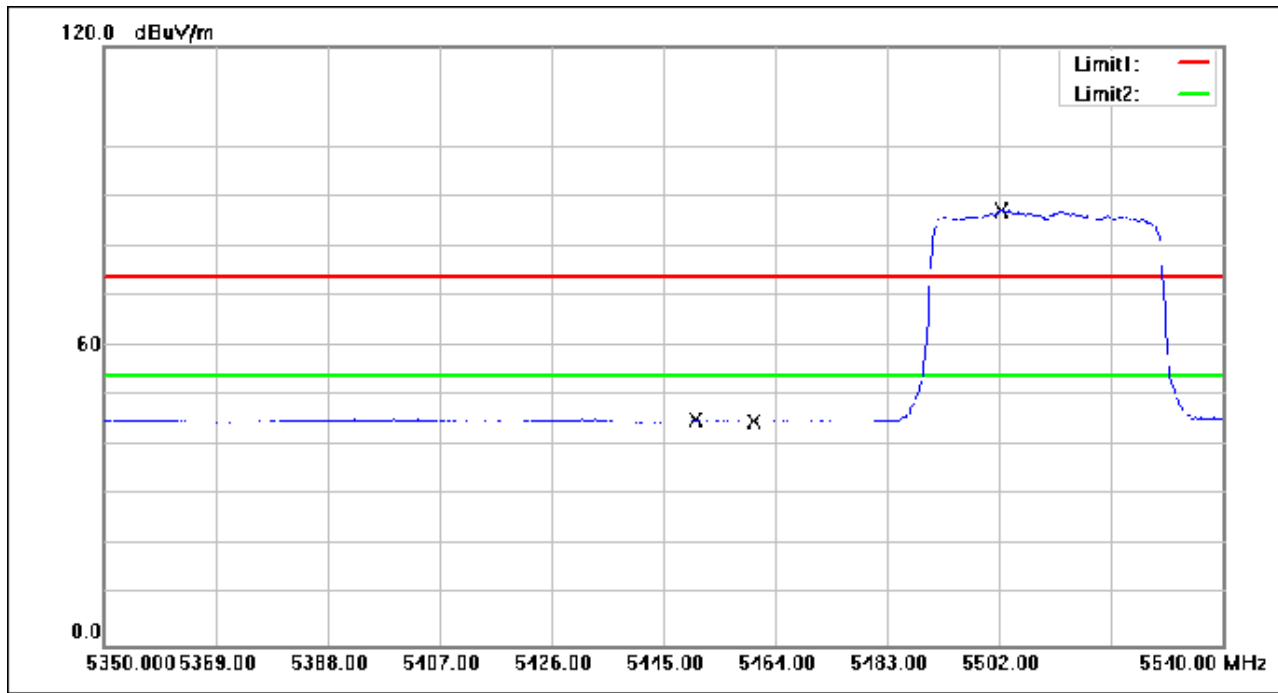
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.510	62.96	-17.77	45.19	54.00	-8.81	AVG
2	5460.000	62.63	-17.76	44.87	54.00	-9.13	AVG
3	5502.380	104.98	-17.69	87.29	54.00	33.29	AVG

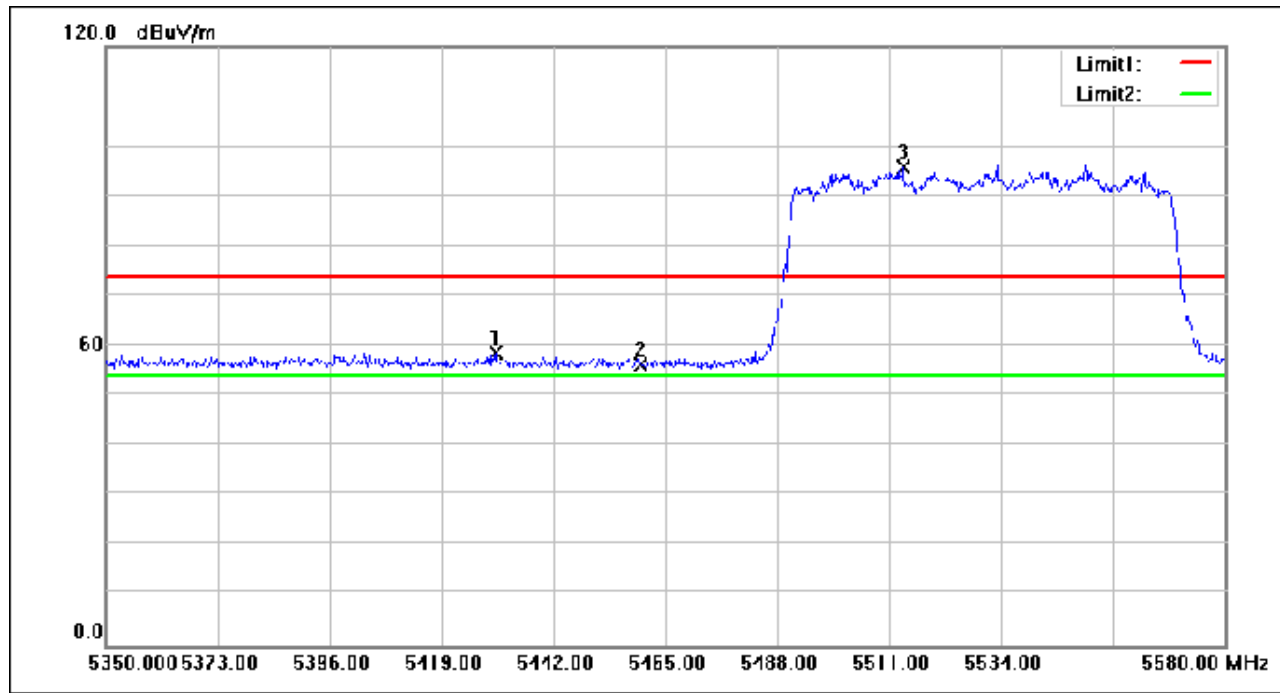
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Test Mode: 10; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5430.040	76.40	-17.80	58.60	74.00	-15.40	peak
2	5460.000	74.10	-17.76	56.34	74.00	-17.66	peak
3	5513.760	113.57	-17.67	95.90	74.00	21.90	peak

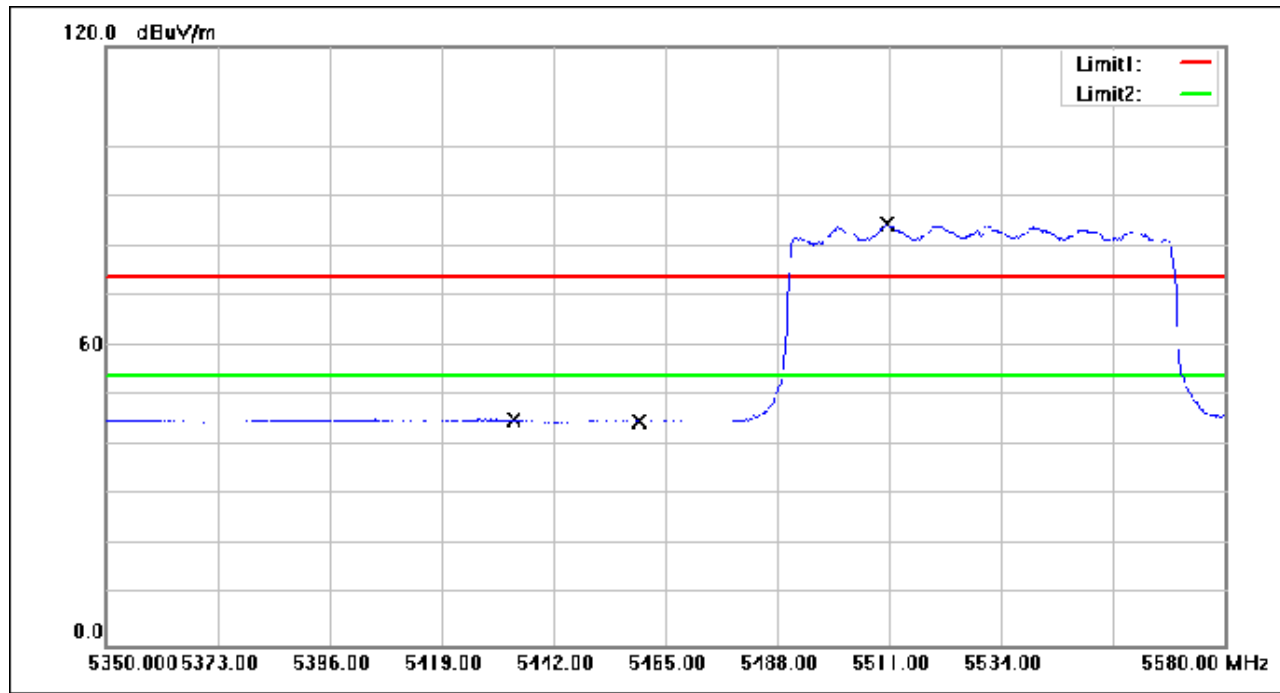
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5433.950	63.02	-17.79	45.23	54.00	-8.77	AVG
2	5460.000	62.64	-17.76	44.88	54.00	-9.12	AVG
3	5510.540	102.03	-17.68	84.35	54.00	30.35	AVG

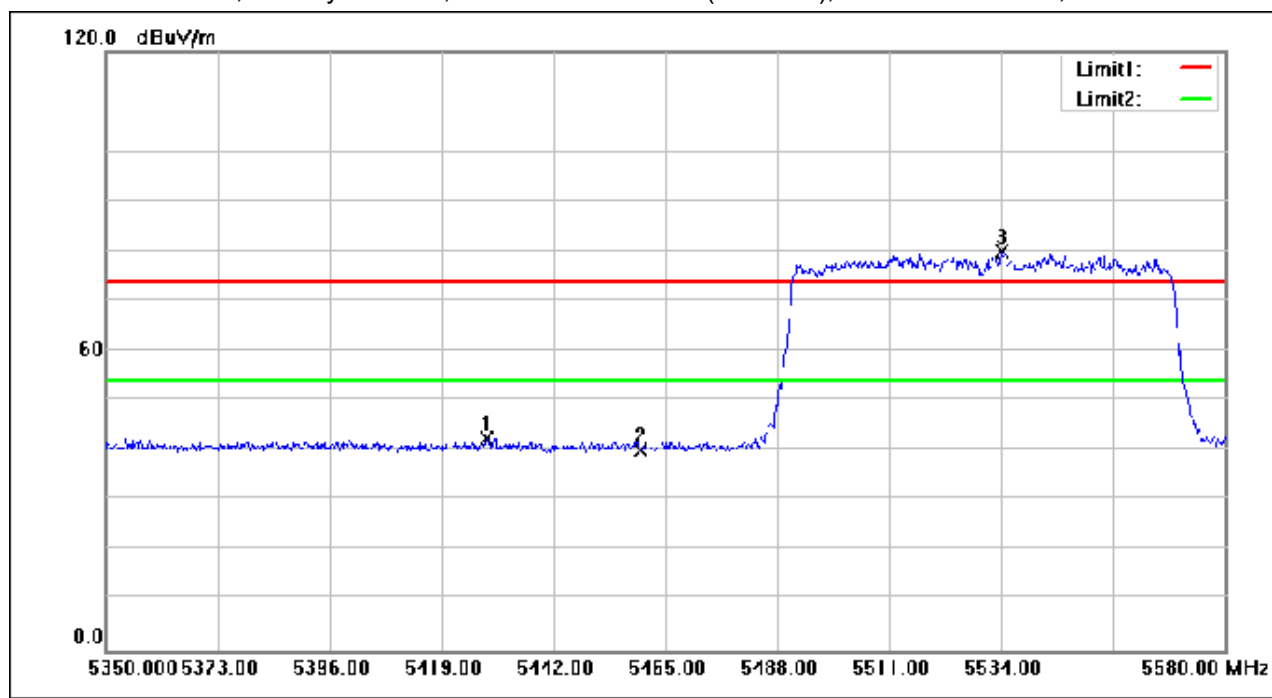
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.430	60.33	-17.81	42.52	74.00	-31.48	peak
2	5460.000	57.91	-17.76	40.15	74.00	-33.85	peak
3	5534.000	97.54	-17.64	79.90	74.00	5.90	peak

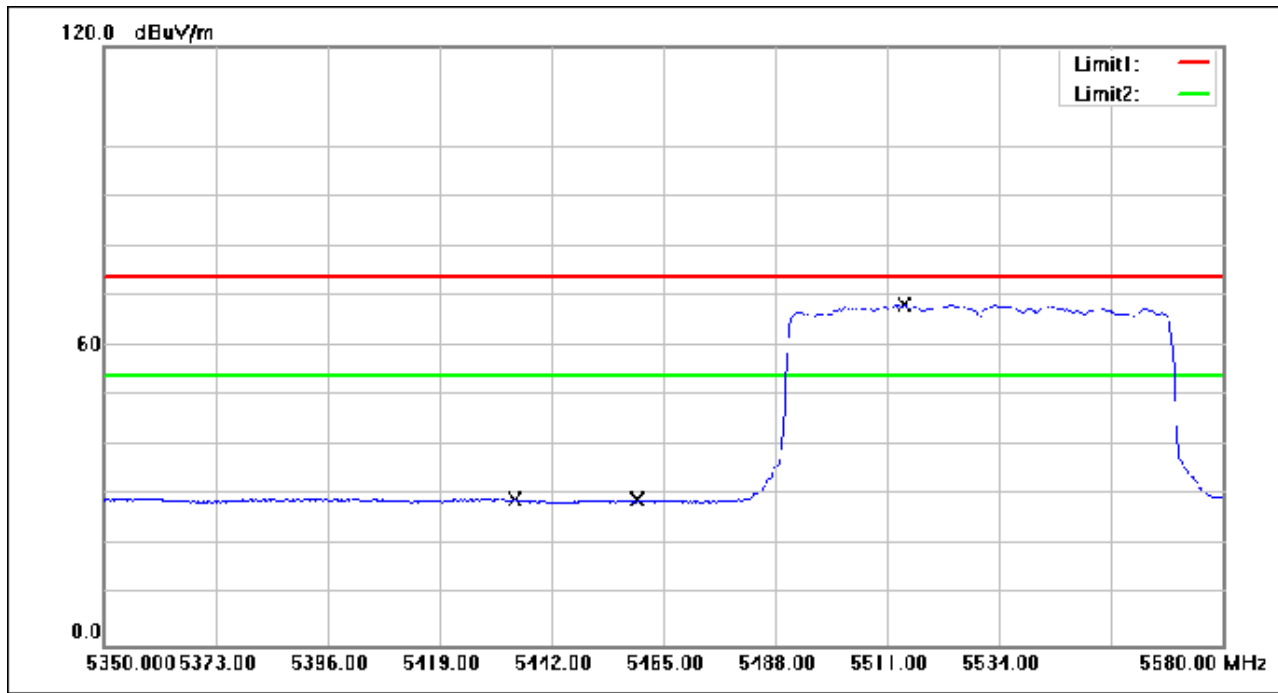
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5434.410	46.96	-17.79	29.17	54.00	-24.83	AVG
2	5460.000	46.70	-17.76	28.94	54.00	-25.06	AVG
3	5514.450	85.94	-17.67	68.27	54.00	14.27	AVG

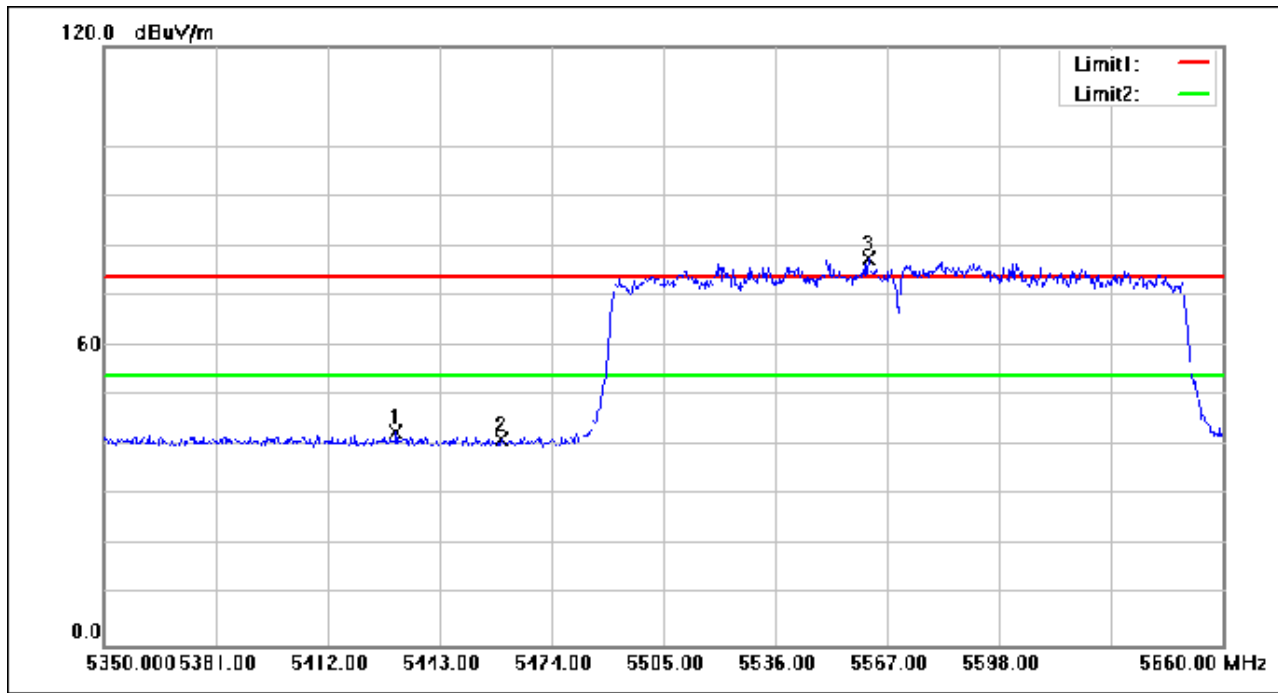
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5430.910	60.59	-17.79	42.80	74.00	-31.20	peak
2	5460.000	58.87	-17.76	41.11	74.00	-32.89	peak
3	5561.730	95.07	-17.60	77.47	74.00	3.47	peak

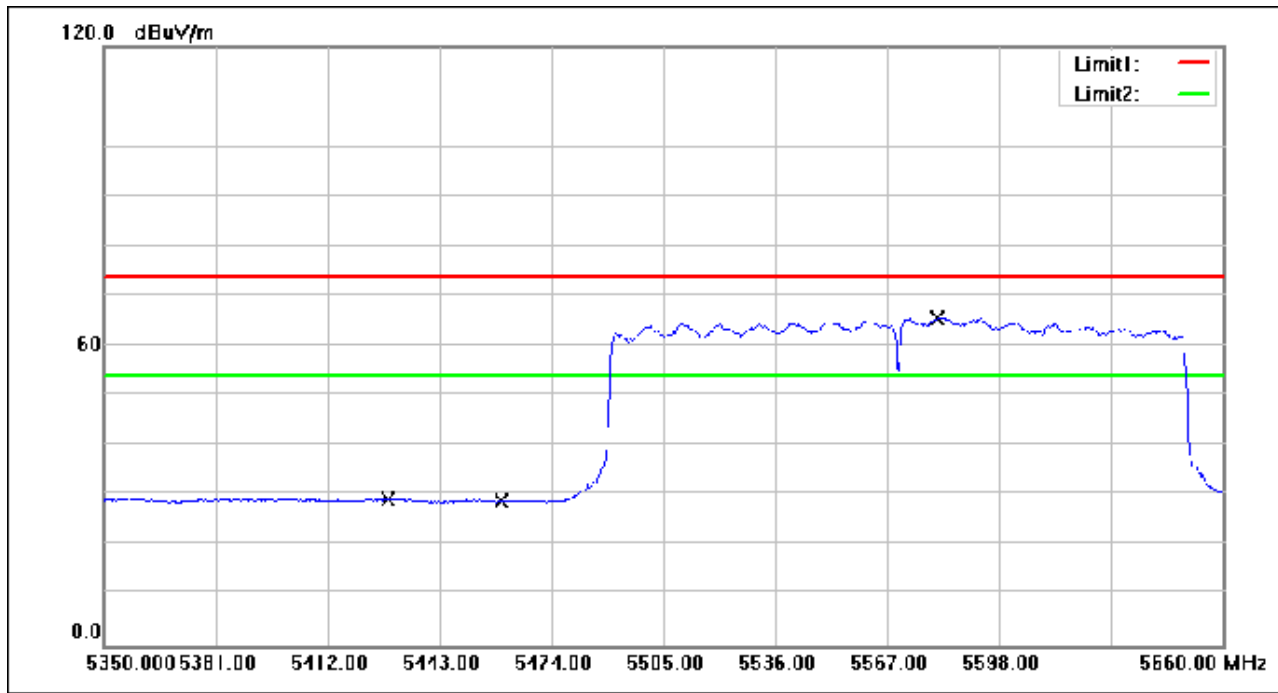
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Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.740	47.19	-17.81	29.38	54.00	-24.62	AVG
2	5460.000	46.76	-17.76	29.00	54.00	-25.00	AVG
3	5580.640	83.13	-17.52	65.61	54.00	11.61	AVG

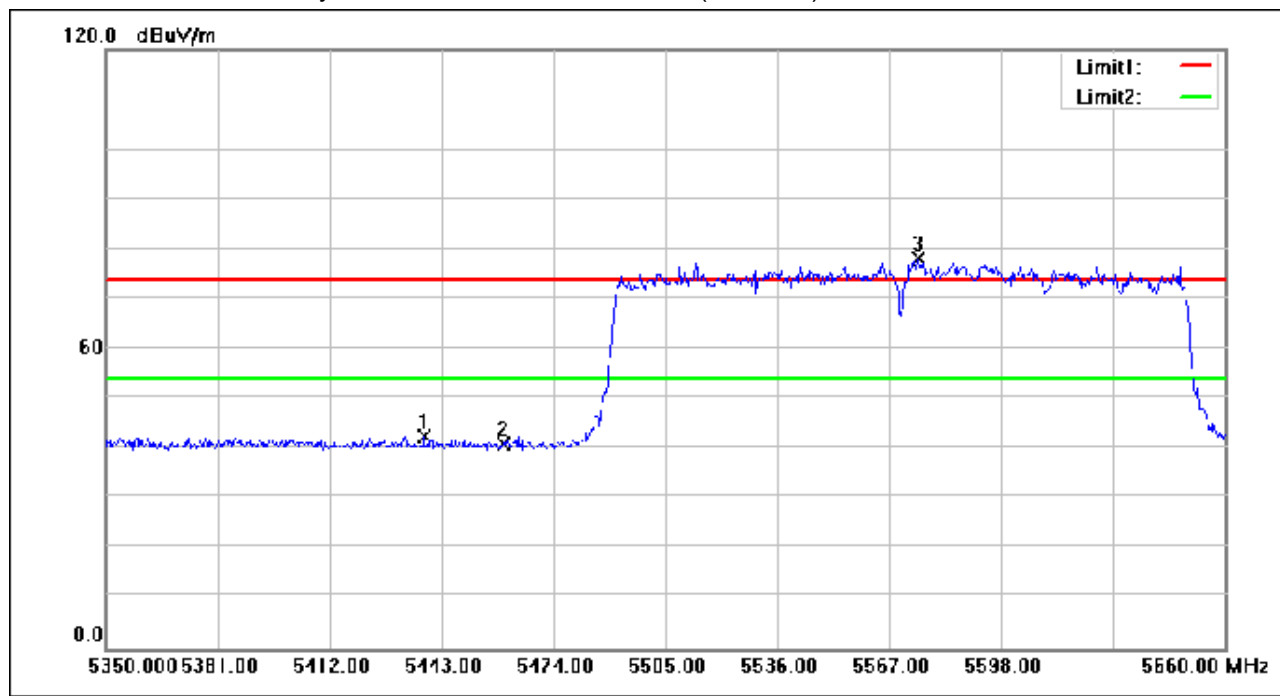
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 10; 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	5438.040	60.23	-17.79	42.44	74.00	-31.56	peak
2	5460.000	58.59	-17.76	40.83	74.00	-33.17	peak
3	5575.060	95.65	-17.54	78.11	74.00	4.11	peak

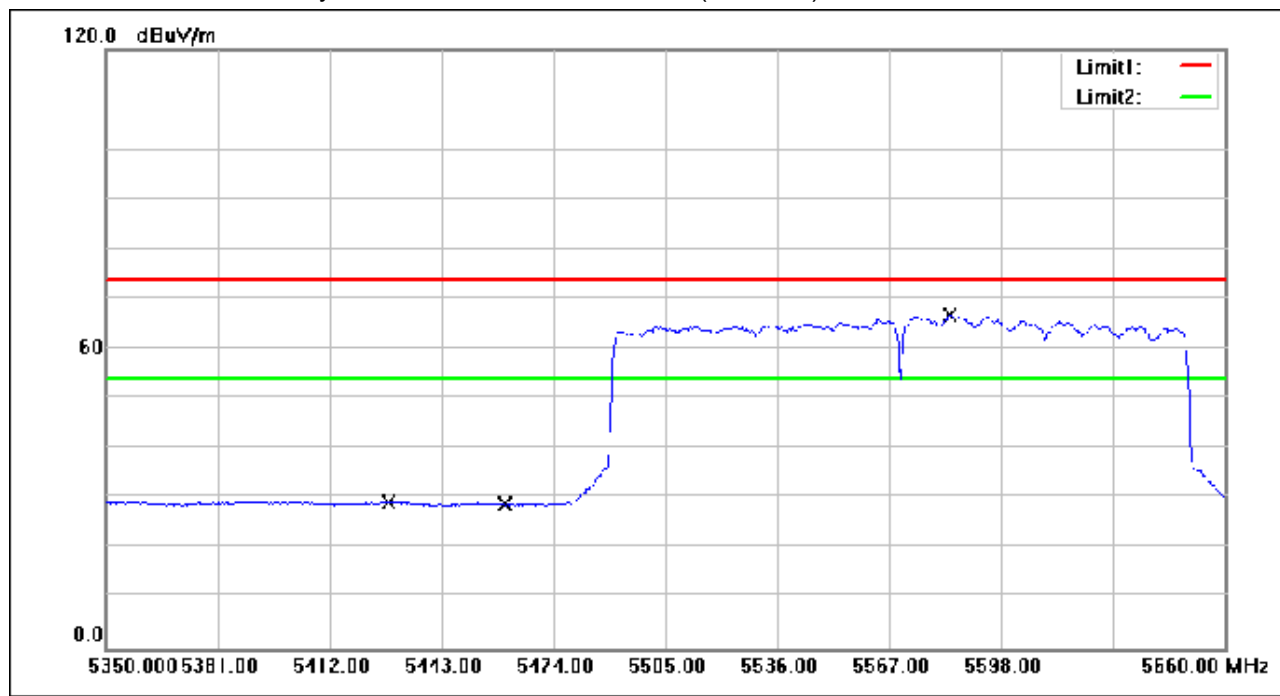
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Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5428.120	47.15	-17.81	29.34	54.00	-24.66	AVG
2	5460.000	46.62	-17.76	28.86	54.00	-25.14	AVG
3	5583.740	84.24	-17.51	66.73	54.00	12.73	AVG

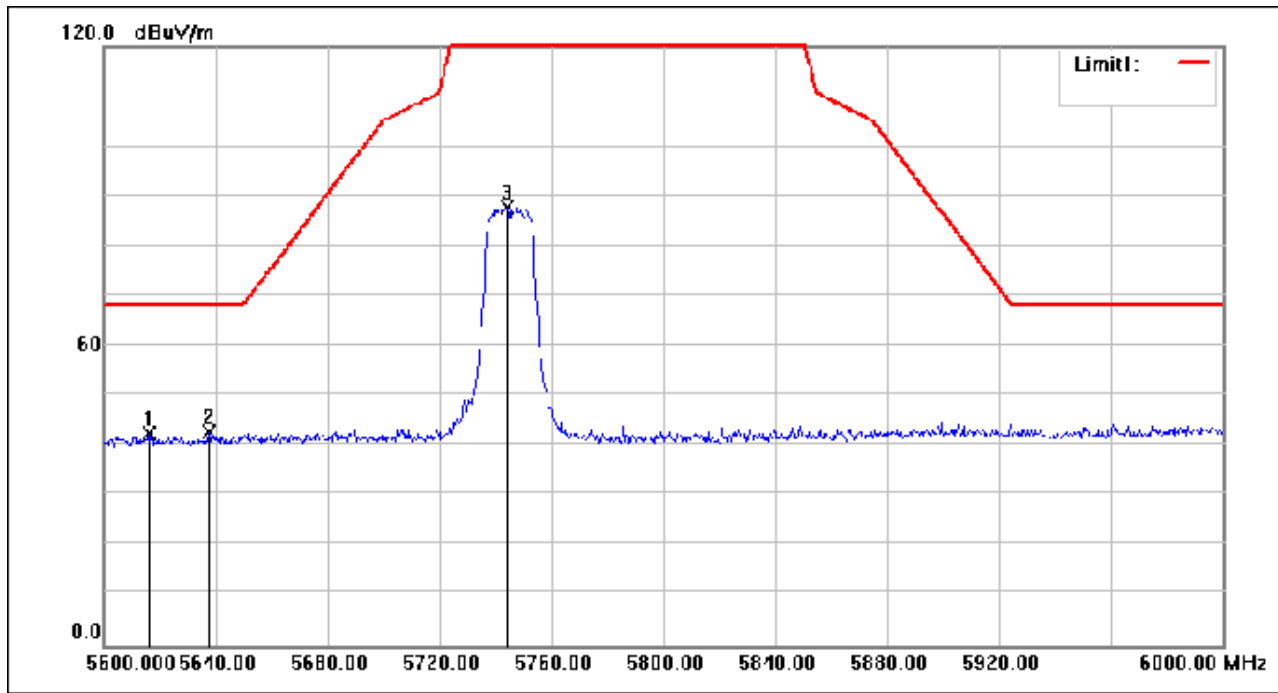
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; 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	5616.000	59.71	-17.37	42.34	68.20	-25.86	peak
2	5637.600	60.01	-17.28	42.73	68.20	-25.47	peak
3	5744.000	104.67	-16.84	87.83	135.00	-47.17	peak

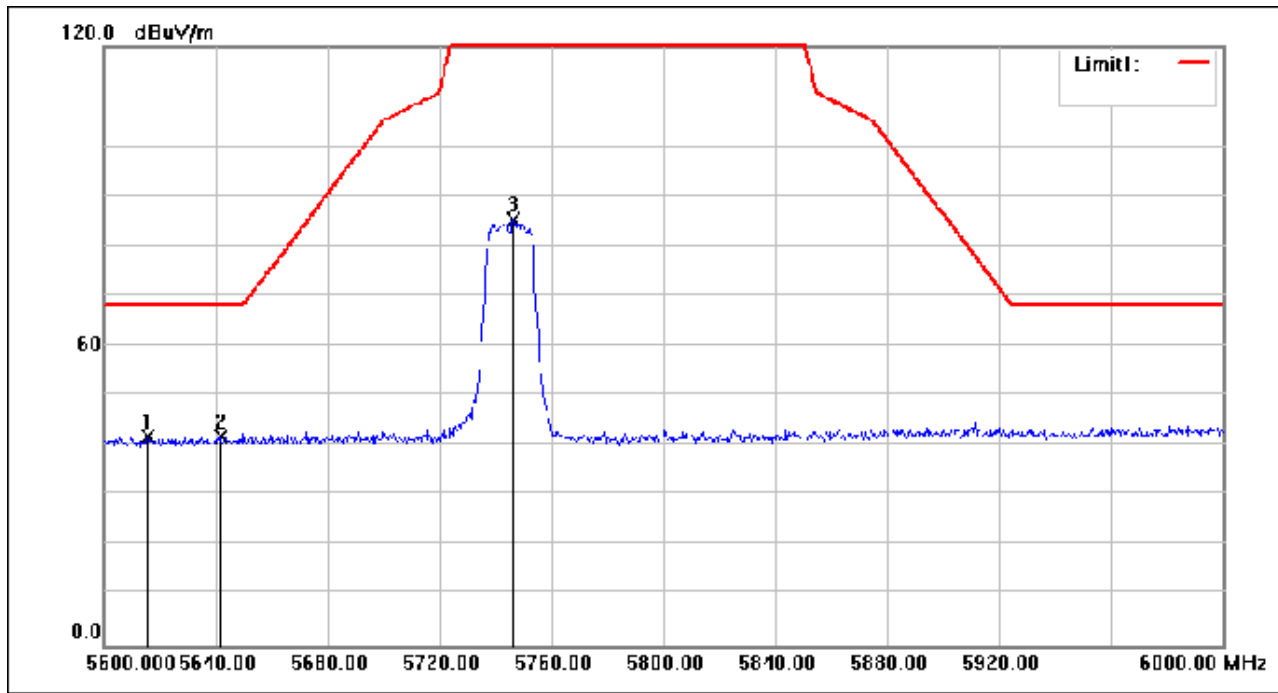
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; 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	5615.600	59.12	-17.37	41.75	68.20	-26.45	peak
2	5641.600	59.18	-17.27	41.91	68.20	-26.29	peak
3	5746.400	102.23	-16.84	85.39	135.00	-49.61	peak

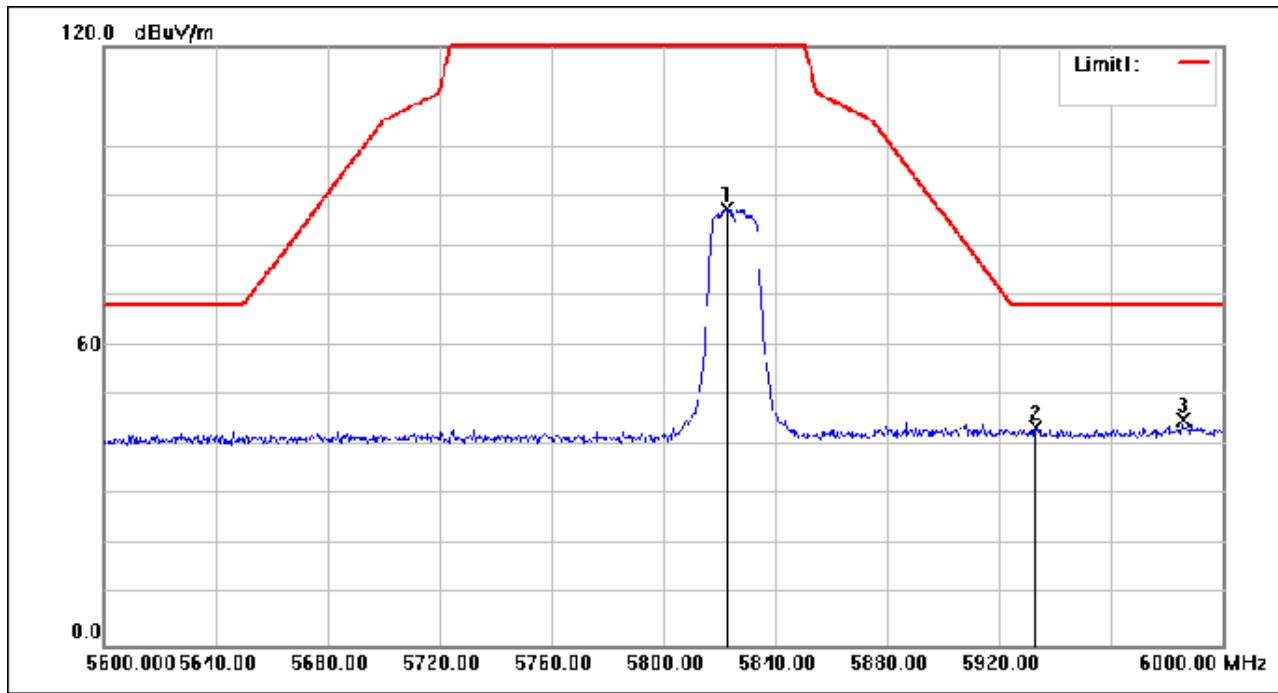
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.400	104.02	-16.52	87.50	135.00	-47.50	peak
2	5932.800	59.58	-16.06	43.52	68.20	-24.68	peak
3	5985.600	60.86	-15.84	45.02	68.20	-23.18	peak

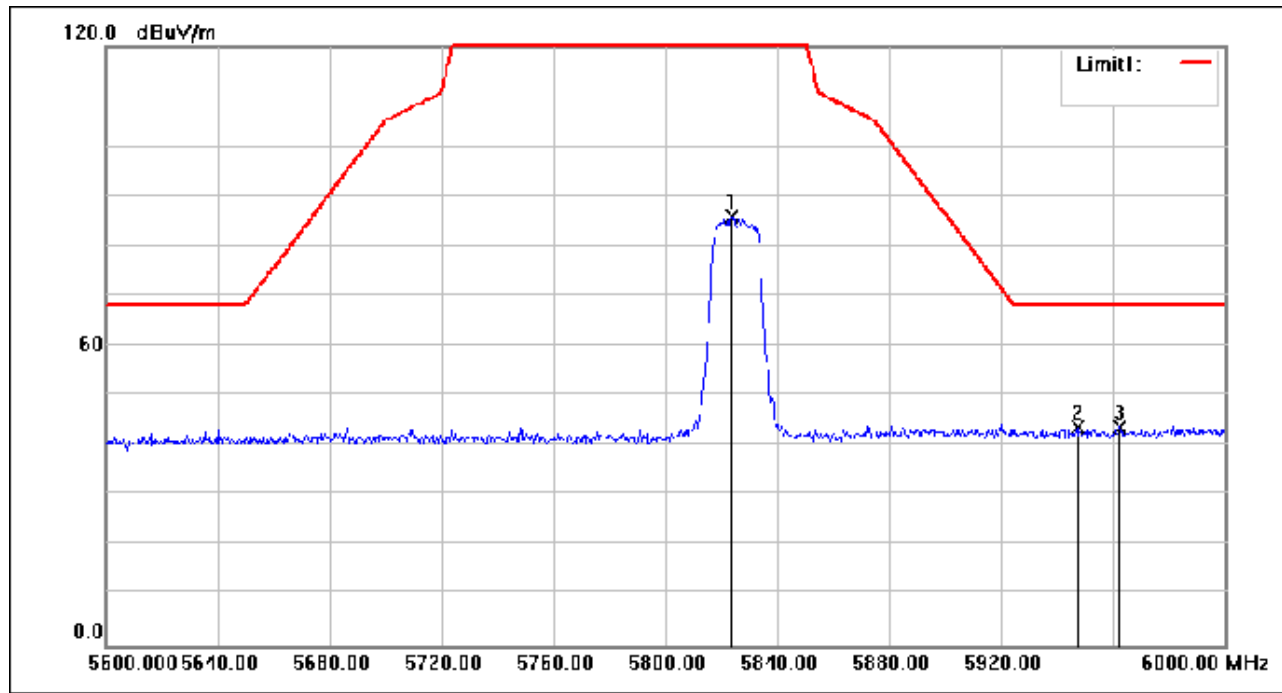
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.600	102.49	-16.51	85.98	135.00	-49.02	peak
2	5947.200	59.76	-16.00	43.76	68.20	-24.44	peak
3	5962.400	59.74	-15.94	43.80	68.20	-24.40	peak

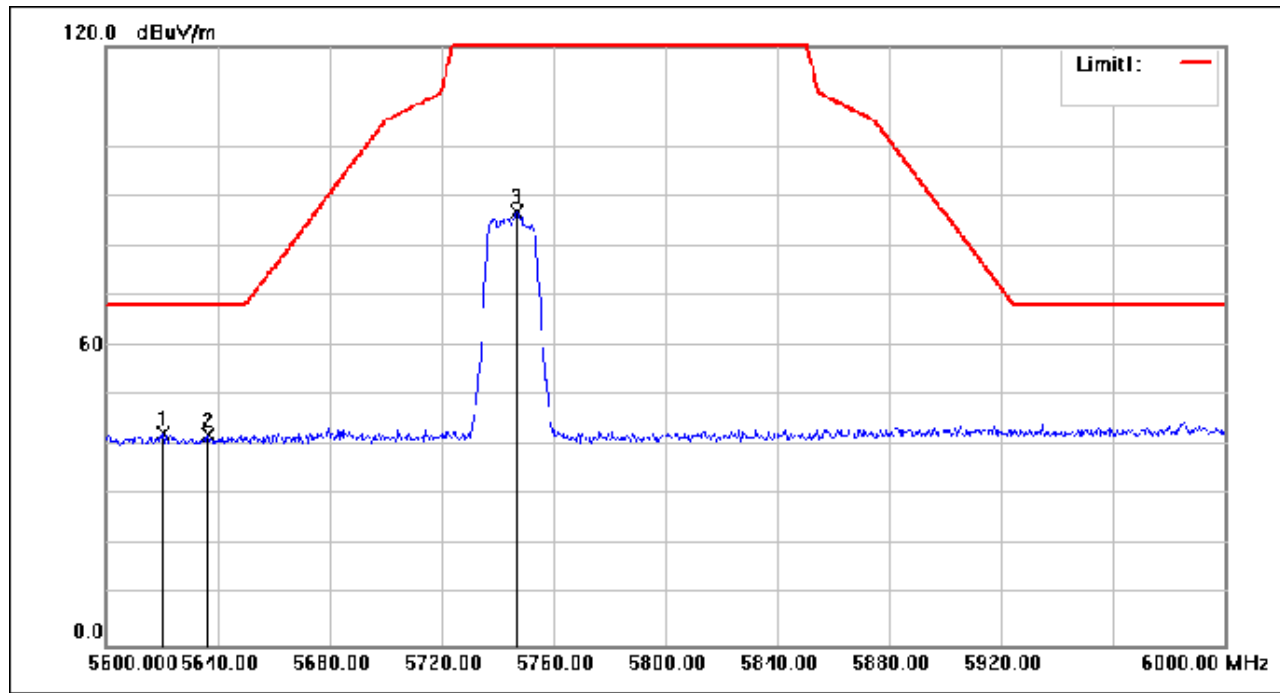
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.400	59.88	-17.36	42.52	68.20	-25.68	peak
2	5636.400	59.38	-17.29	42.09	68.20	-26.11	peak
3	5746.800	103.79	-16.83	86.96	135.00	-48.04	peak

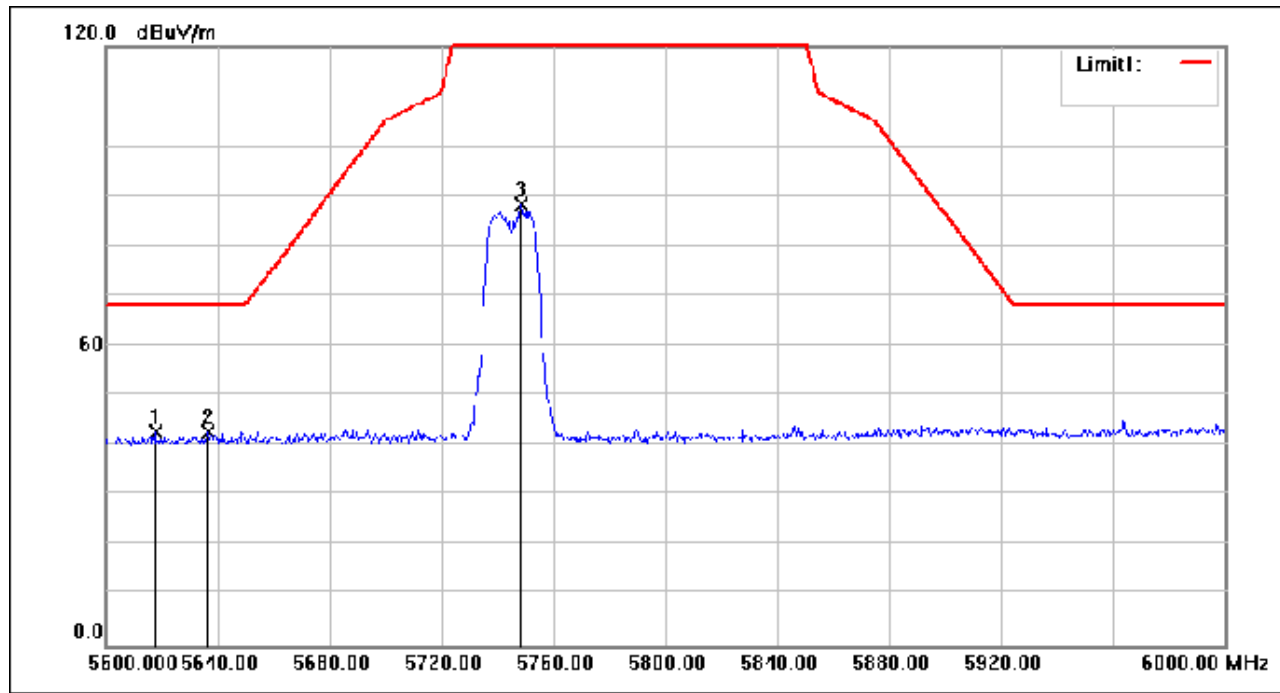
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5617.600	59.98	-17.37	42.61	68.20	-25.59	peak
2	5636.400	60.11	-17.29	42.82	68.20	-25.38	peak
3	5748.400	105.31	-16.83	88.48	135.00	-46.52	peak

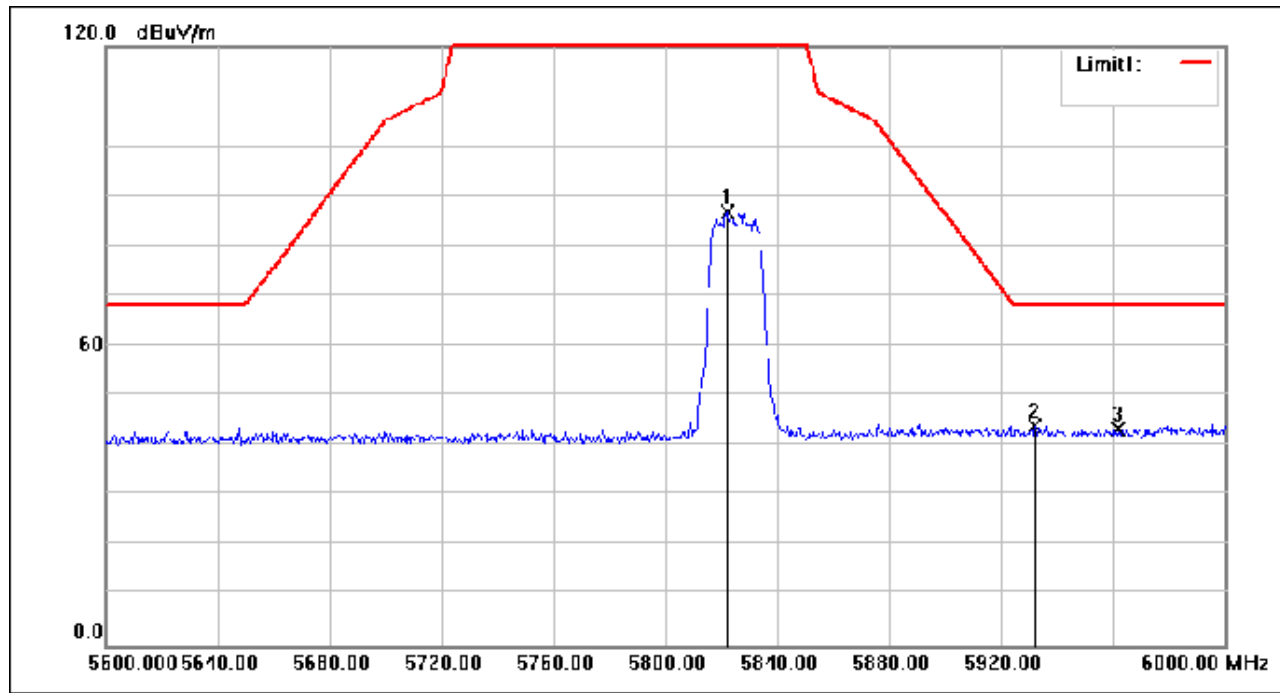
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.000	103.29	-16.52	86.77	135.00	-48.23	peak
2	5932.000	60.05	-16.06	43.99	68.20	-24.21	peak
3	5962.000	59.41	-15.94	43.47	68.20	-24.73	peak

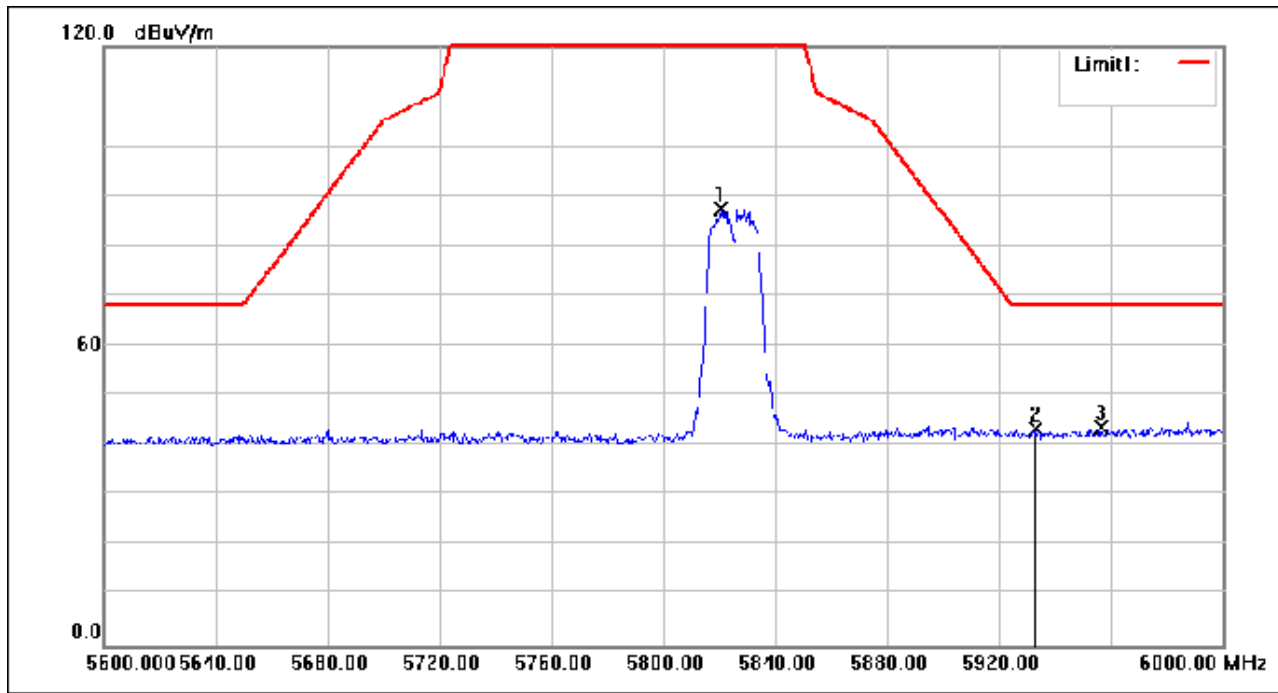
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.400	103.84	-16.53	87.31	135.00	-47.69	peak
2	5933.200	59.36	-16.05	43.31	68.20	-24.89	peak
3	5956.400	59.59	-15.96	43.63	68.20	-24.57	peak

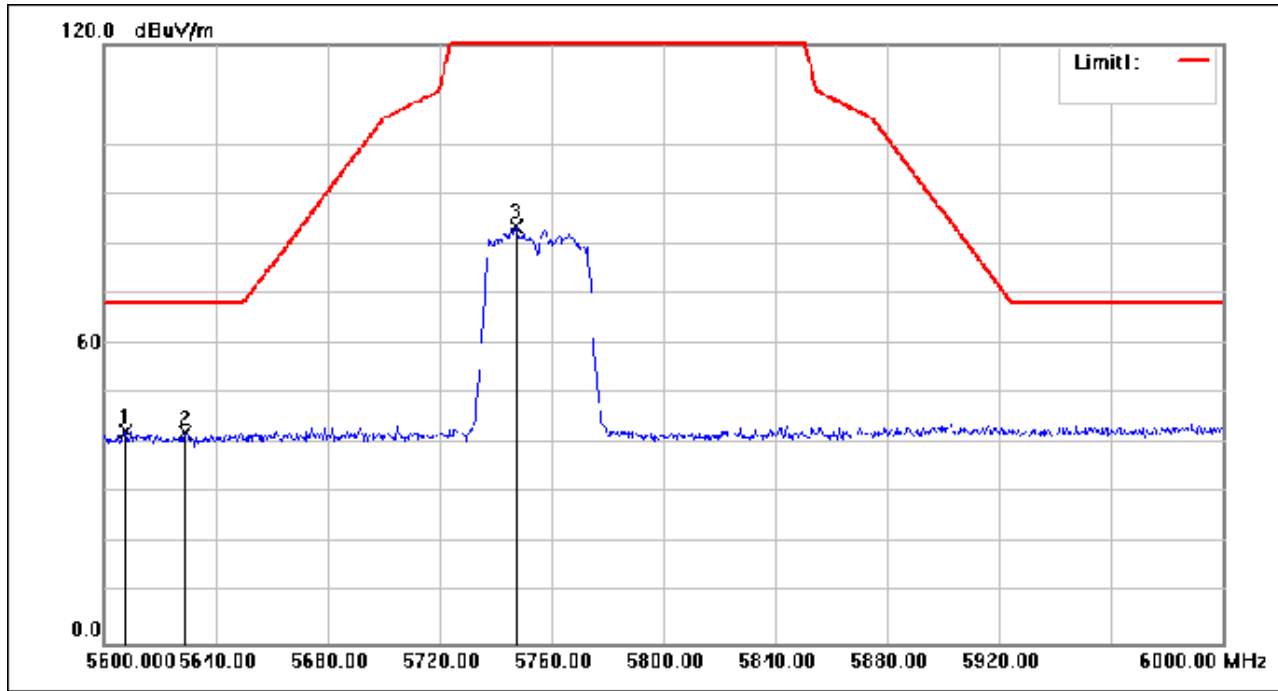
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5607.600	59.98	-17.41	42.57	68.20	-25.63	peak
2	5629.200	59.36	-17.32	42.04	68.20	-26.16	peak
3	5747.200	100.52	-16.83	83.69	135.00	-51.31	peak

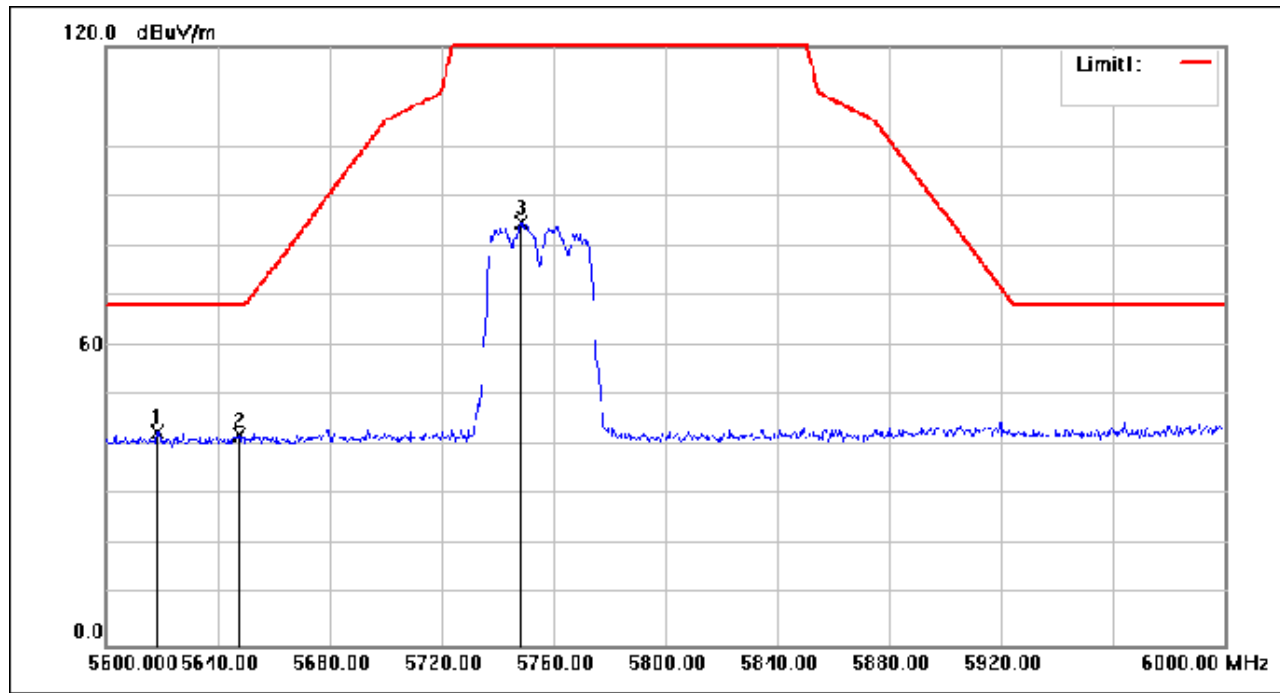
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.400	60.13	-17.36	42.77	68.20	-25.43	peak
2	5647.600	59.38	-17.25	42.13	68.20	-26.07	peak
3	5748.400	101.62	-16.83	84.79	135.00	-50.21	peak

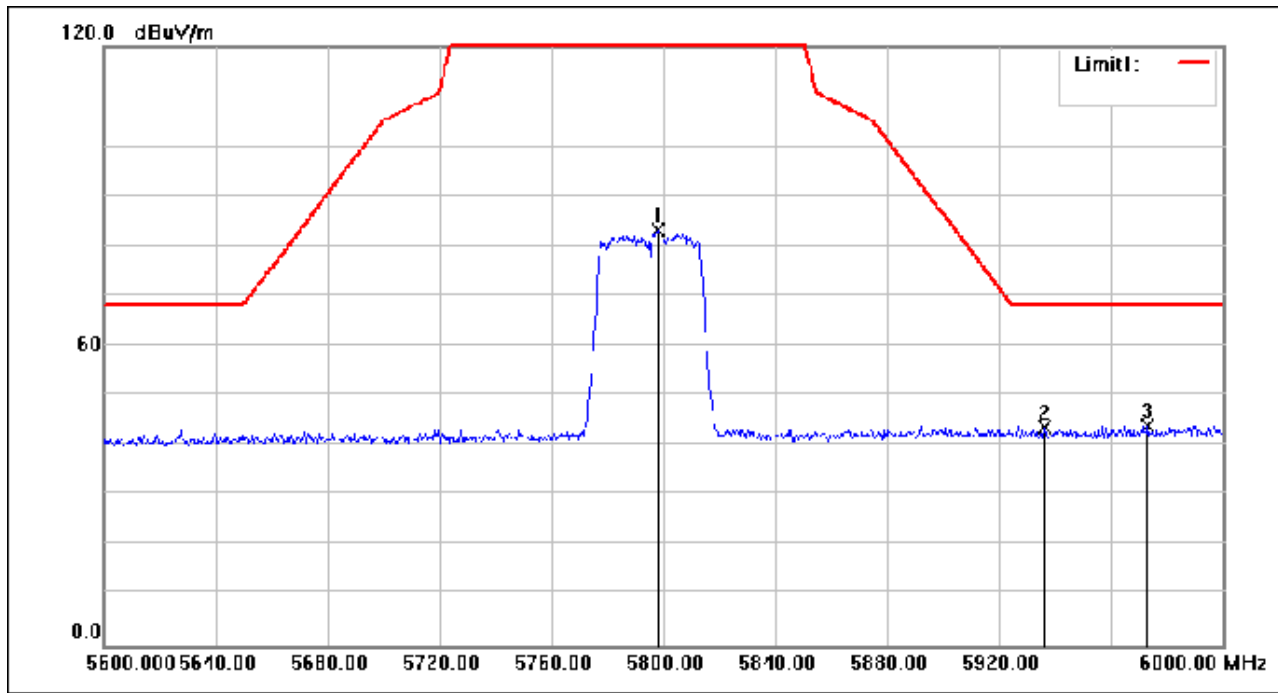
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5798.000	99.73	-16.62	83.11	135.00	-51.89	peak
2	5936.400	59.77	-16.04	43.73	68.20	-24.47	peak
3	5973.200	59.93	-15.89	44.04	68.20	-24.16	peak

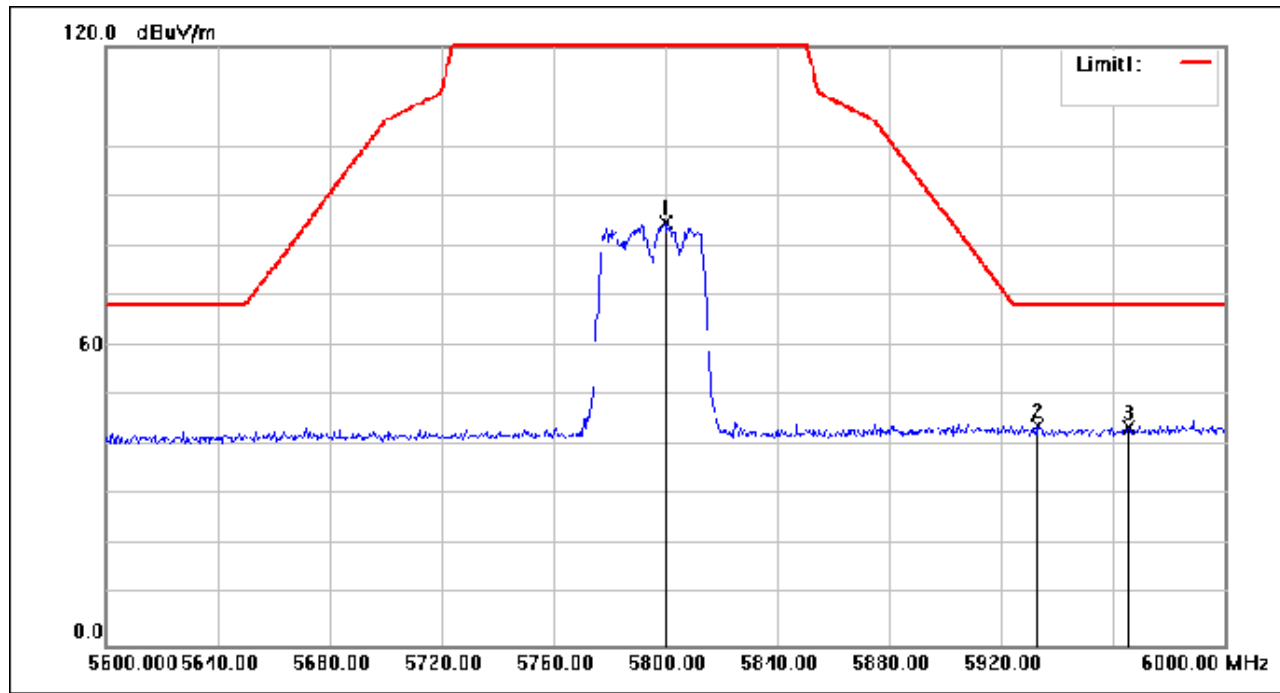
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5800.000	101.43	-16.61	84.82	135.00	-50.18	peak
2	5932.800	60.05	-16.06	43.99	68.20	-24.21	peak
3	5965.600	59.59	-15.93	43.66	68.20	-24.54	peak

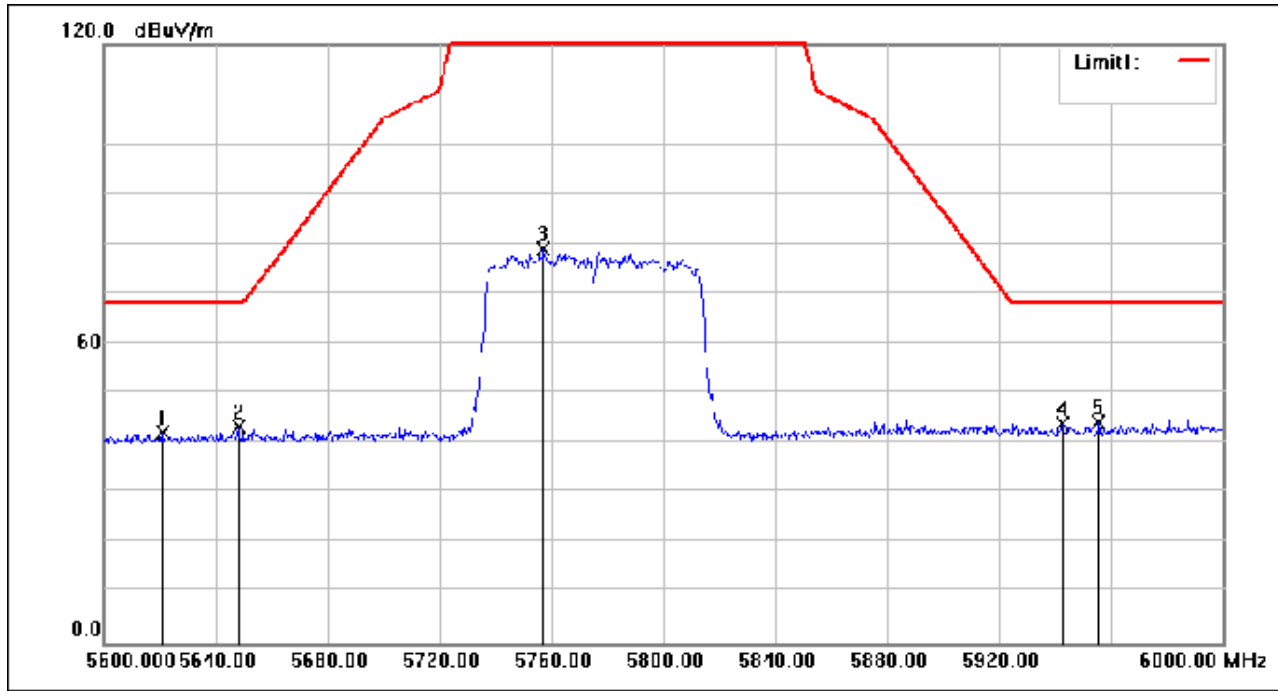
Compliance Certification Services (Kunshan) Inc.

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Test Mode: 11; 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	5620.800	59.49	-17.35	42.14	68.20	-26.06	peak
2	5648.000	60.59	-17.25	43.34	68.20	-24.86	peak
3	5757.200	95.82	-16.79	79.03	135.00	-55.97	peak
4	5942.800	60.07	-16.02	44.05	68.20	-24.15	peak
5	5955.600	60.33	-15.96	44.37	68.20	-23.83	peak

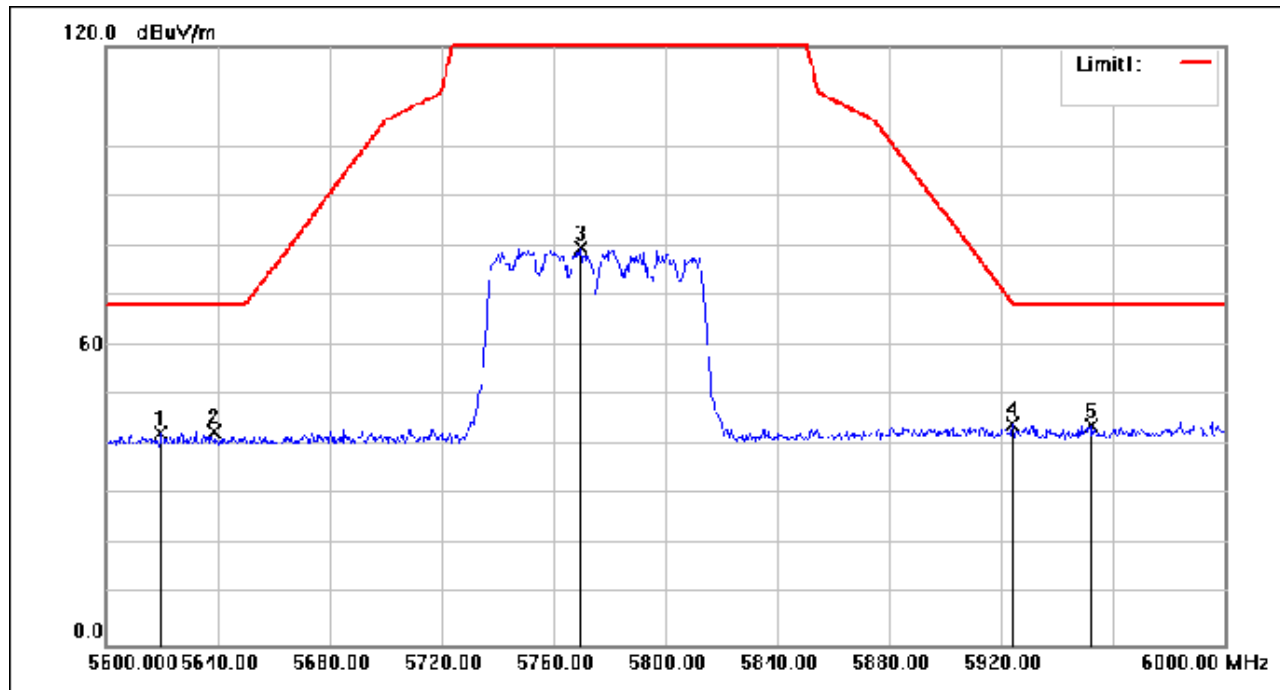
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5619.600	59.94	-17.36	42.58	68.20	-25.62	peak
2	5638.800	60.12	-17.28	42.84	68.20	-25.36	peak
3	5770.000	96.33	-16.74	79.59	135.00	-55.41	peak
4	5924.000	60.27	-16.10	44.17	68.94	-24.77	peak
5	5952.000	59.95	-15.98	43.97	68.20	-24.23	peak

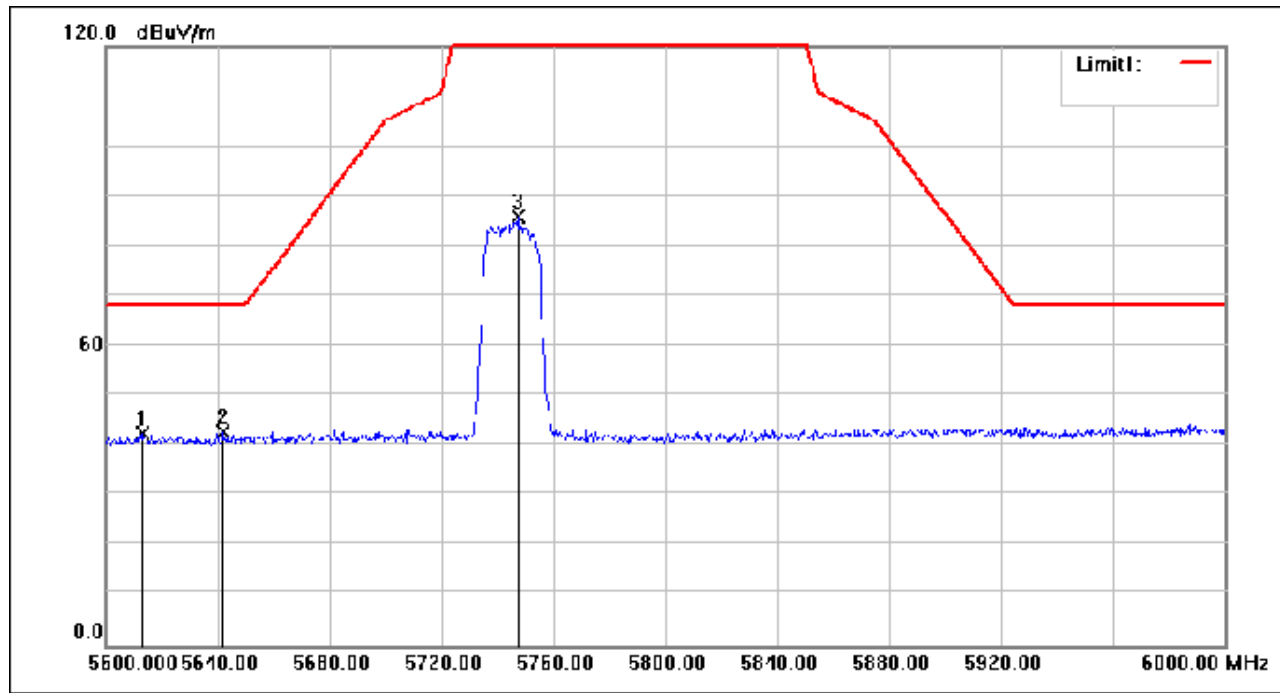
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Test Mode: 11; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5612.800	59.75	-17.38	42.37	68.20	-25.83	peak
2	5641.600	59.97	-17.27	42.70	68.20	-25.50	peak
3	5747.200	102.90	-16.83	86.07	135.00	-48.93	peak

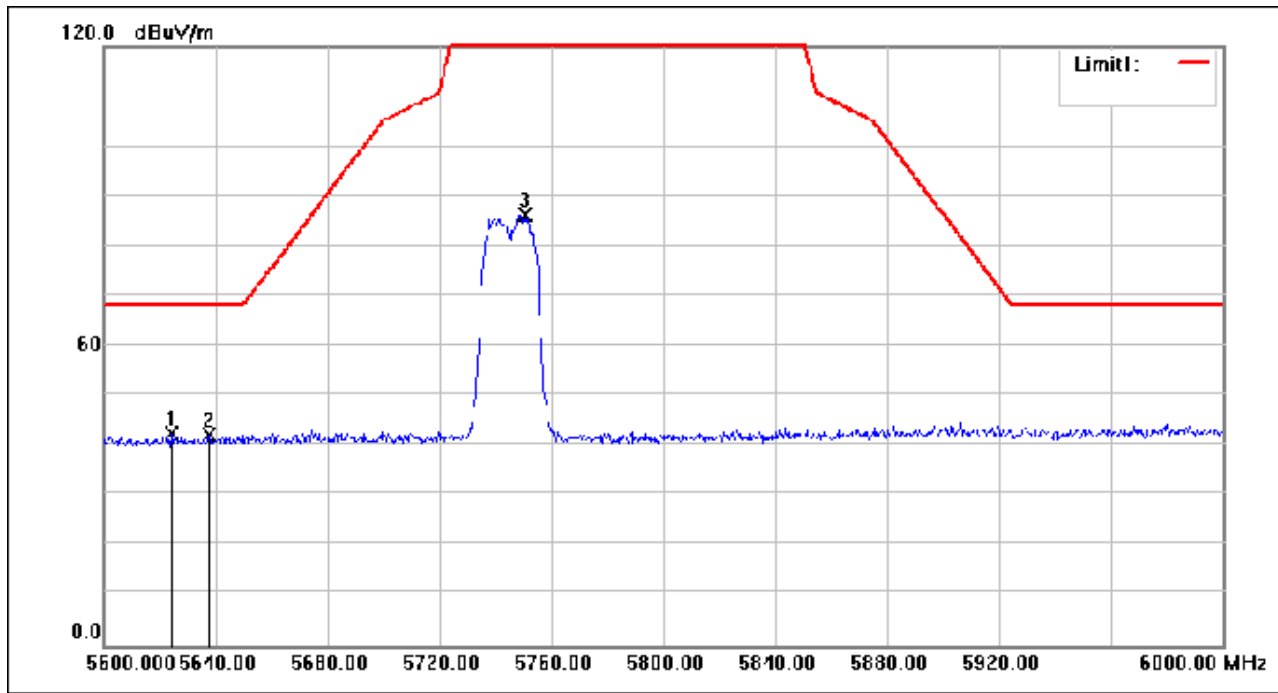
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.000	59.74	-17.34	42.40	68.20	-25.80	peak
2	5637.600	59.52	-17.28	42.24	68.20	-25.96	peak
3	5750.400	103.17	-16.81	86.36	135.00	-48.64	peak

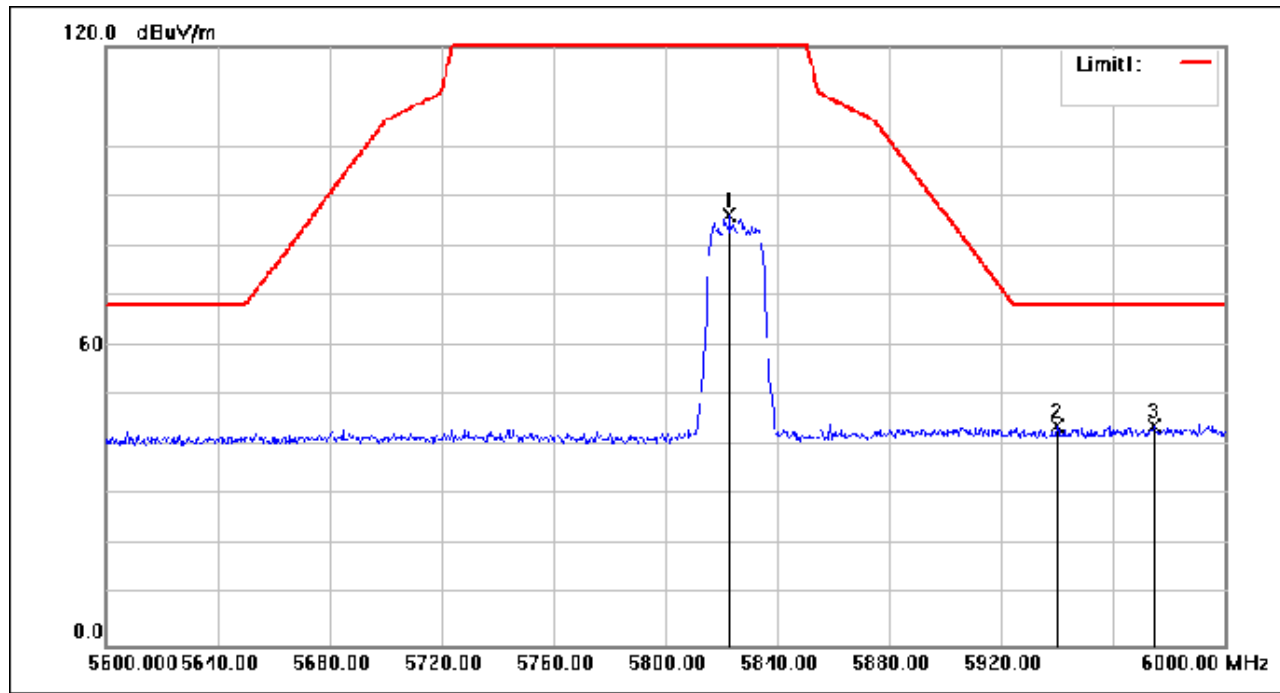
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Test Mode: 11; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.800	102.74	-16.52	86.22	135.00	-48.78	peak
2	5940.000	60.12	-16.03	44.09	68.20	-24.11	peak
3	5974.400	59.94	-15.88	44.06	68.20	-24.14	peak

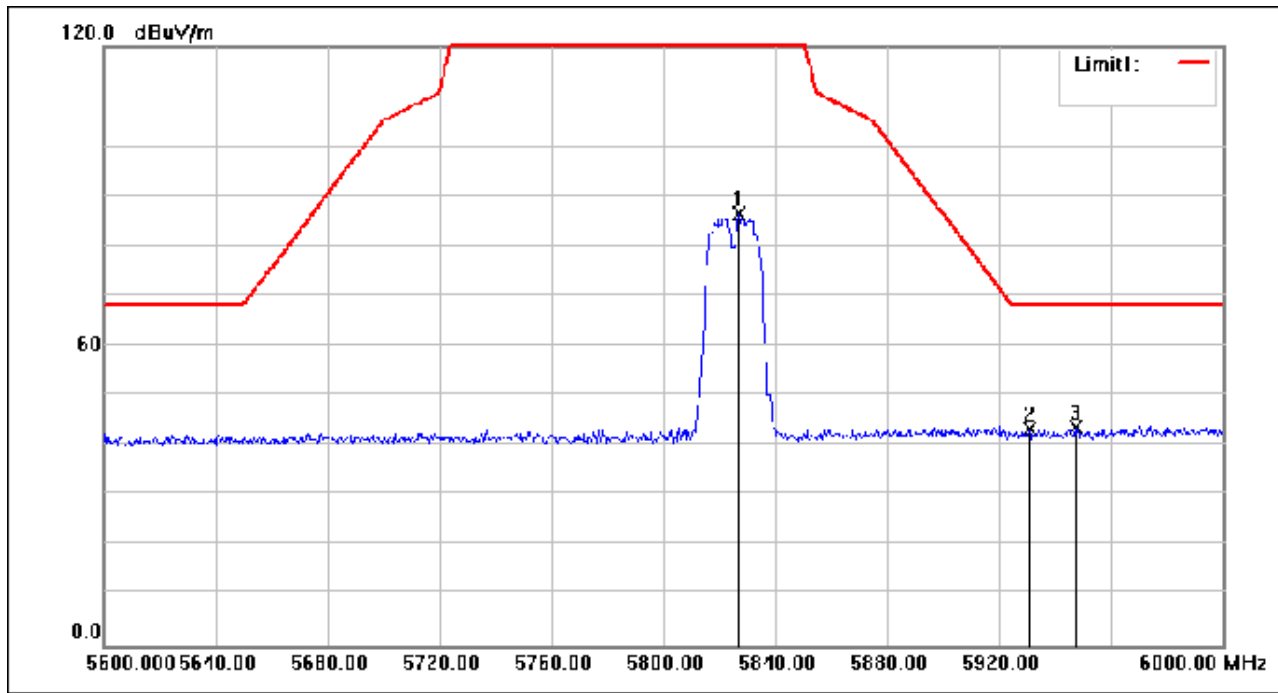
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.800	103.10	-16.50	86.60	135.00	-48.40	peak
2	5930.800	59.47	-16.06	43.41	68.20	-24.79	peak
3	5947.200	59.55	-16.00	43.55	68.20	-24.65	peak

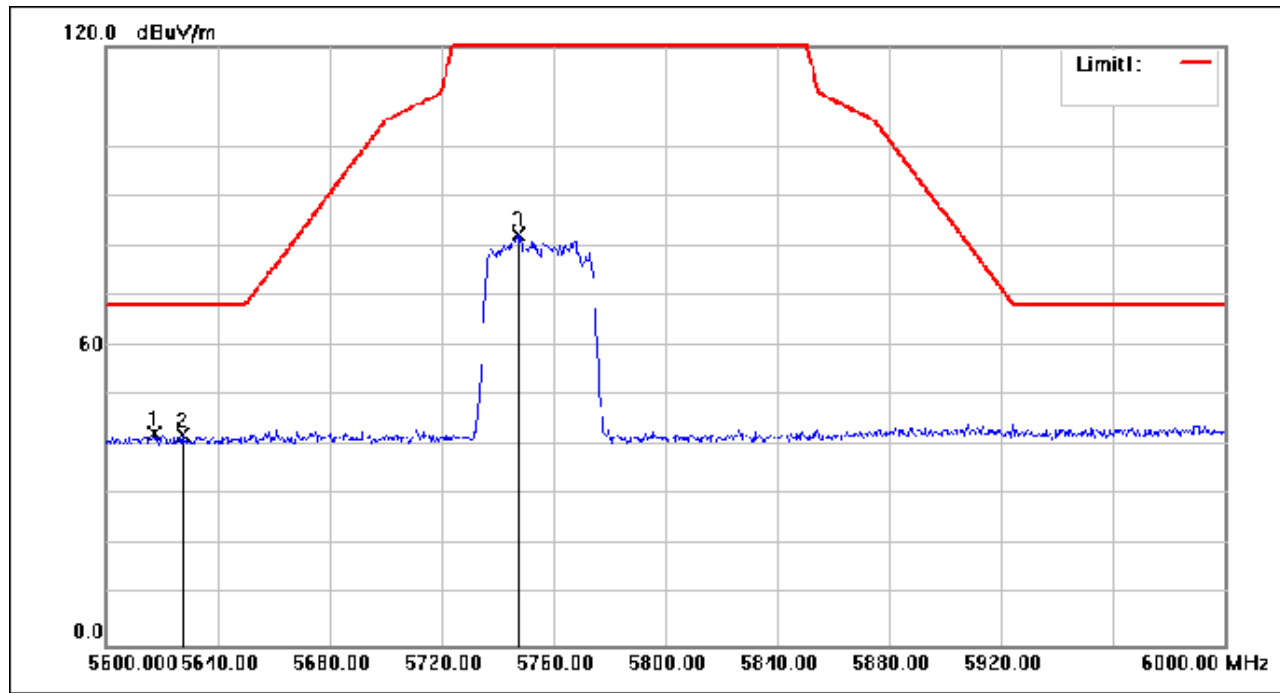
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Test Mode: 11; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5617.200	59.76	-17.37	42.39	68.20	-25.81	peak
2	5627.200	59.43	-17.33	42.10	68.20	-26.10	peak
3	5747.200	99.15	-16.83	82.32	135.00	-52.68	peak

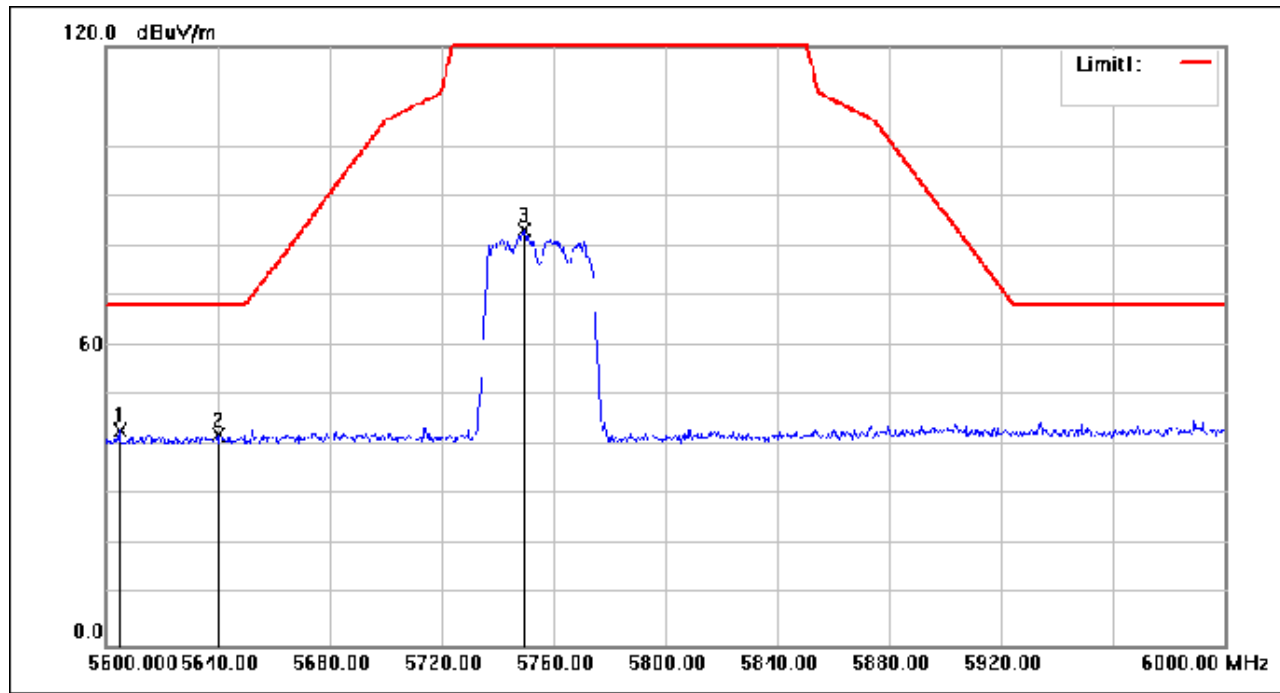
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5604.800	60.54	-17.42	43.12	68.20	-25.08	peak
2	5640.400	59.33	-17.27	42.06	68.20	-26.14	peak
3	5749.600	100.20	-16.82	83.38	135.00	-51.62	peak

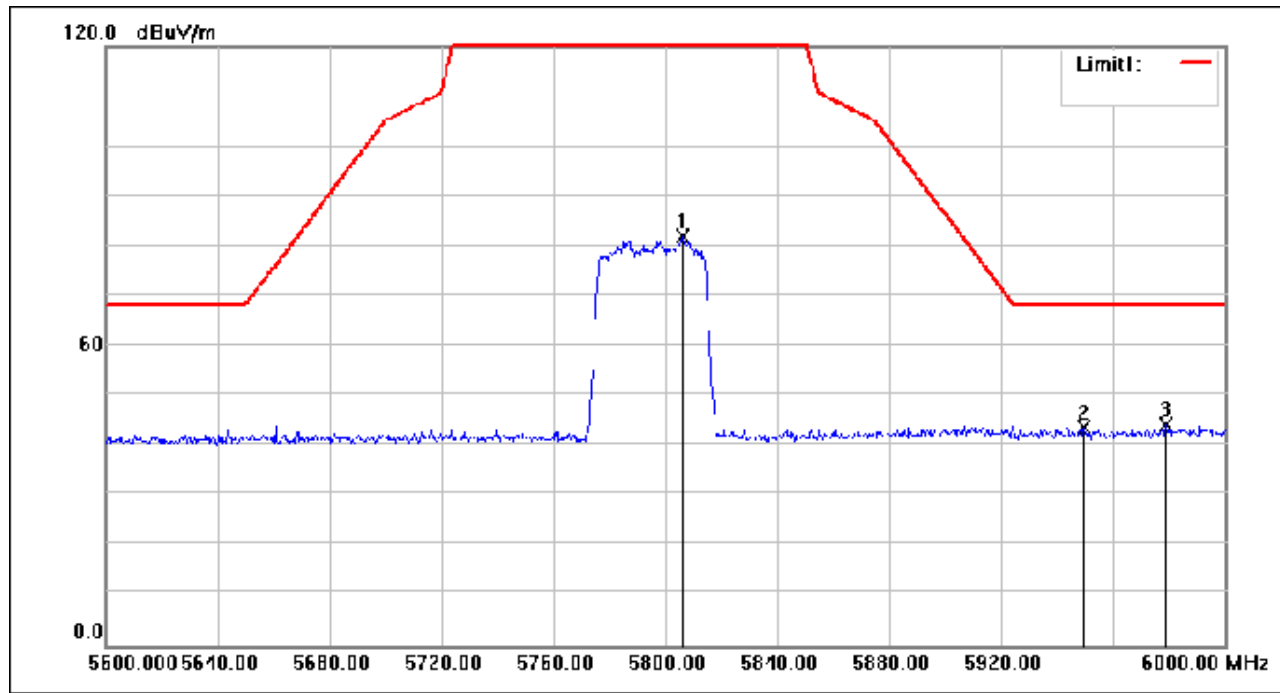
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5806.000	98.54	-16.59	81.95	135.00	-53.05	peak
2	5949.600	59.66	-15.99	43.67	68.20	-24.53	peak
3	5978.800	60.06	-15.87	44.19	68.20	-24.01	peak

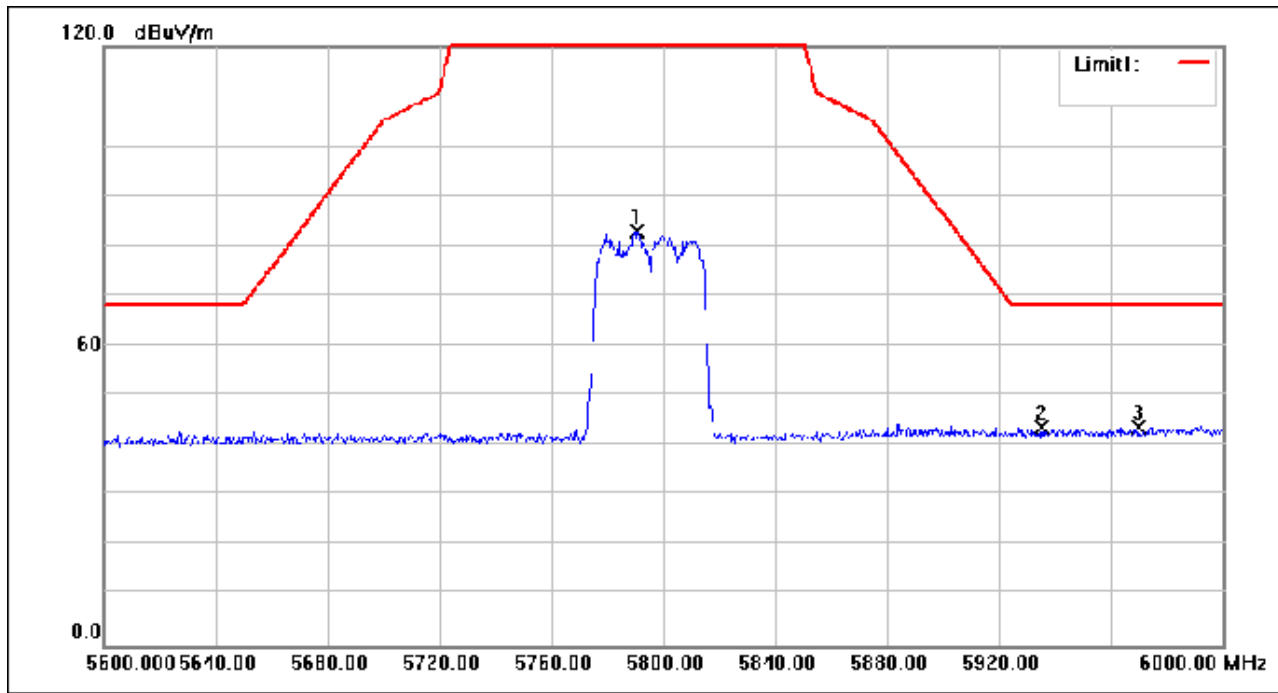
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5790.800	99.73	-16.64	83.09	135.00	-51.91	peak
2	5935.200	59.77	-16.05	43.72	68.20	-24.48	peak
3	5969.600	59.53	-15.91	43.62	68.20	-24.58	peak

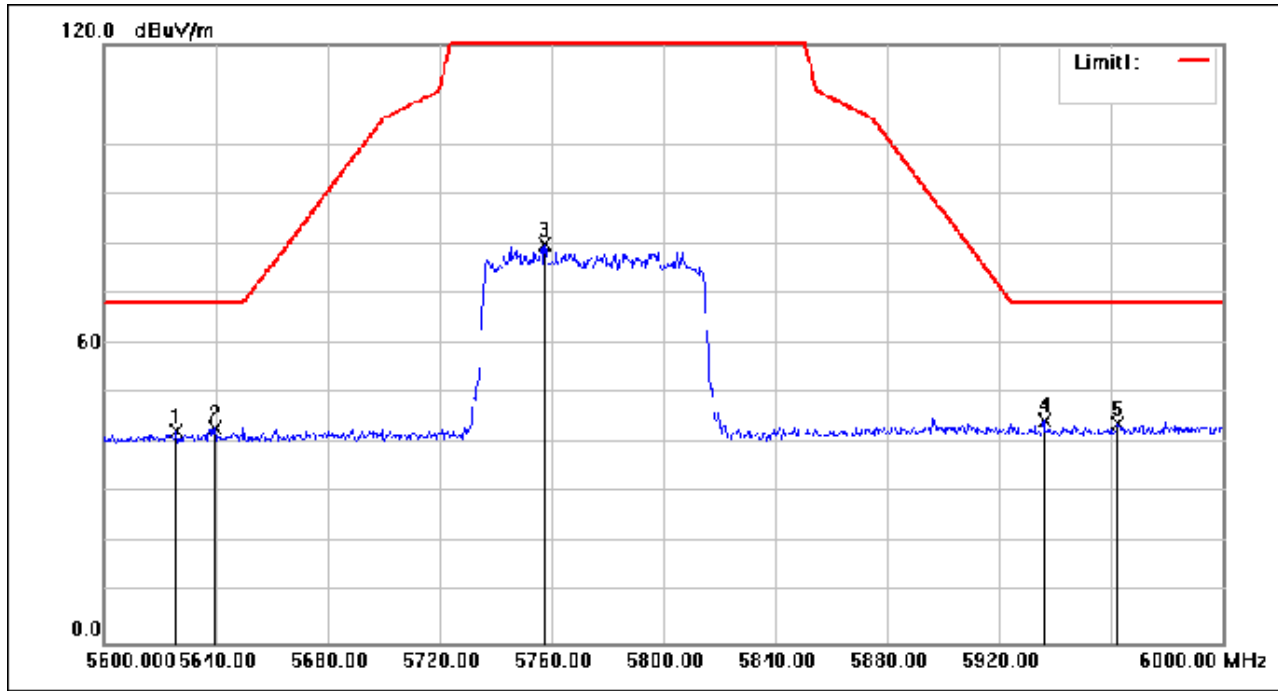
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Test Mode: 11; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 80MHz; Channel: Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.000	59.73	-17.34	42.39	68.20	-25.81	peak
2	5639.600	60.28	-17.28	43.00	68.20	-25.20	peak
3	5757.600	96.75	-16.78	79.97	135.00	-55.03	peak
4	5936.000	60.49	-16.04	44.45	68.20	-23.75	peak
5	5962.400	59.82	-15.94	43.88	68.20	-24.32	peak

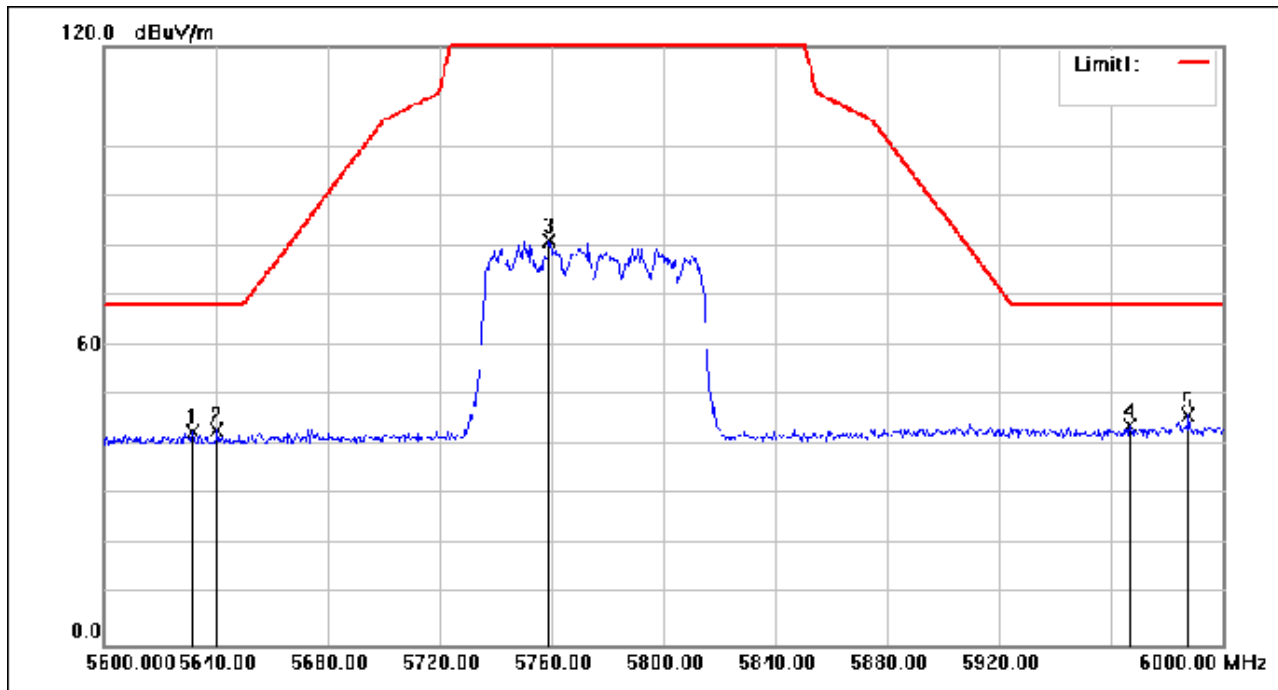
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5631.600	59.94	-17.30	42.64	68.20	-25.56	peak
2	5640.400	60.38	-17.27	43.11	68.20	-25.09	peak
3	5759.200	98.02	-16.78	81.24	135.00	-53.76	peak
4	5966.400	59.80	-15.92	43.88	68.20	-24.32	peak
5	5987.600	61.87	-15.84	46.03	68.20	-22.17	peak

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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
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. 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. 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.			

7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 25.3 °C

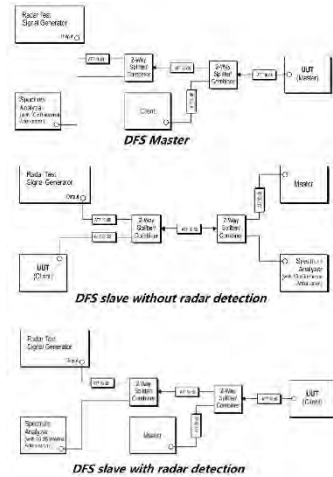
Humidity: 52.6 % RH

Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	12	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

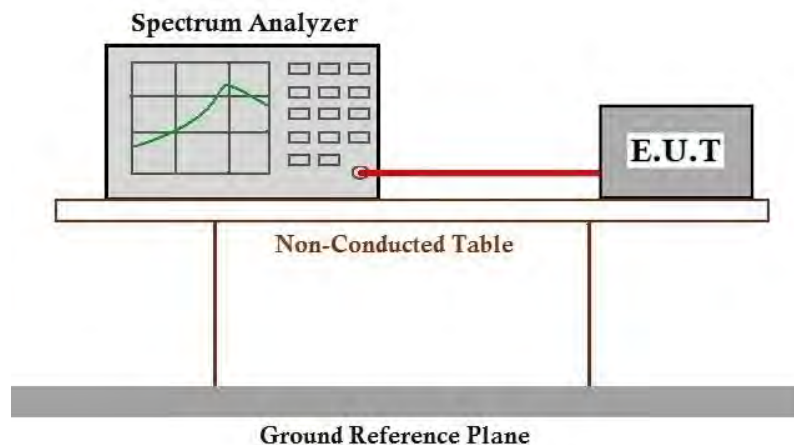
Operating Environment:

Temperature: 25.3 °C Humidity: 52.6 % RH Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	08	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	09	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	10	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/be 20/40/80, Only the data of worst case is recorded in the report.
Final test	11	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/be 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