TEST REPORT

Application No.:	KSCR2407001230AT
FCC ID:	2BHGF-0235C7PB
IC:	23743-0235C7PB
Applicant:	KeyLife International Technology Limited
Address of Applicant:	27th Floor, Alexandra House, 18 Chater Road,Central, Hong Kong
Manufacturer:	KeyLife International Technology Limited
Address of Manufacturer:	27th Floor, Alexandra House, 18 Chater Road,Central, Hong Kong
Factory:	Zhejiang Uniview Systems Technology Co., Ltd.
Address of Factory:	No.1277 South Qingfeng South Road, Tongxiang City, Jiaxing City, Zhejiang Province, China
Equipment Under Test (EUT):	
EUT Name:	Indoor Pan & Tilt Camera
Model No.:	P310,P310 XXX XXX (where X may be 0-9 A-Z a-z or blank. The differences no impact safety related constructions and EMC) ♣
♣	Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.
For IC Model No.:	P310
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:	2024-07-03 to 2024-07-24
Date of Issue:	2024-07-25
Test Result:	**Pass***

* In the configuration tested, the EUT complied with the standards specified above.

Revision Record			
Version	**Description**	***Date***	***Remark***
00	Original	2024-07-25	/

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

2 Test Summary

Radio Spectrum Technical Requirement				
Item	**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

Declaration of EUT Family Grouping:

Note: There are series models mentioned in this report, and they are identical in electrical and electronic characters. Only the model P310 was tested since their differences were the model number and appearance.

3 Contents

4 General Information

4.1 Details of E.U.T.

Power supply:	Power Adapter1: Model: S010-1A050150VUU INPUT: 100~240V~,50/60Hz,0.3A OUTPUT: 5.0V/1.5A Power Adapter2: Model: TPA-141A050150UU01 INPUT: 100~240V~,50/60Hz,0.3A OUTPUT: 5.0V/1.5A
Test voltage	AC 120V/60Hz
Operation Frequency/Number of channels (20MHz):	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):	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)
Modulation Type:	802.11a/n: OFDM (BPSK, QPSK, 16QAM, 64QAM); 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM); 802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024-QAM)
Data rate:	802.11a:6/9/12/18/24/36/48/54Mbps 802.11n/ac/ax:MCS0-MCS7
Channel Spacing:	802.11a/n/ac/ax20:20MHz;802.11n/ac/ax40:40MHz
DFS Function:	Slave without Radar detection
Antenna Type:	Internal antenna
Antenna Gain:	5150MHz-5250MHz ANT1:5.58dBi(Provided by the manufacturer) 5250MHz-5350MHz ANT1:5.58dBi(Provided by the manufacturer) 5470MHz-5725MHz ANT1:5.58dBi(Provided by the manufacturer) 5825MHz-5850MHz ANT1:5.58dBi(Provided by the manufacturer)

Note: 5600MHz to 5650MHz band can not be operated in Canada.

4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Notebook	LENOVO	K27	EB24537645
Router	HAWEI	AX5400	/

4.3 Power level setting using in test

Channel	802.11a	802.11ac(VHT20)	802.11ax(HE20)
	Ant 1	Ant 1	Ant 1
36	18	17	17
40	18	17	17
48	18	17	17
52	18	17	17
60	19	18	17
64	19	18	18
100	18	17	17
116	18	17	17
140	16	16	16
149	16	16	16
157	16	16	16
165	16	16	16

Channel	802.11ac(VHT40)	802.11ax(HE40)
	Ant 1	Ant 1
38	17	17
46	17	17
54	17	17
62	18	17
102	15	17
110	15	16
134	15	16
151	15	16
159	15	16

4.3 Measurement Uncertainty

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

4.4 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.

4.5 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.

4.6 Deviation from Standards

None

4.7 Abnormalities from Standard Conditions

None

5 Equipment List

Item	Equipment	Manufacturer	Model	Inventory No	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals						
1	EMI Test Receive	R&S	ESCI	KS301101	01/15/2024	01/14/2025
2	LISN	R&S	ENV216	KS301197	01/15/2024	01/14/2025
3	LISN	Schwarzbeck	NNLK 8129	KS301091	01/15/2024	01/14/2025
4	Pulse Limiter	R&S	ESH3-Z2	KUS1902E001	01/15/2024	01/14/2025
5	CE test Cable	Thermax	/	CZ301102	01/15/2024	01/14/2025
6	Test Software	Farad	EZ-EMC	/	N.C.R	N.C.R
RF Conducted Test						
1	Spectrum Analyzer	Keysight	N9020A	KUS1911E004-2	08/24/2023	08/23/2024
2	Spectrum Analyzer	Keysight	N9020A	KUS2001M001-2	08/24/2023	08/23/2024
3	Spectrum Analyzer	Keysight	N9030B	KSEM021-1	01/15/2024	01/14/2025
4	Signal Generator	R&S	SMBV100B	KSEM032	03/19/2024	03/18/2025
5	Signal Generator	R&S	SMW200A	KSEM020-1	08/24/2023	08/23/2024
6	Signal Generator	Agilent	N5182A	KUS2001M001-1	08/24/2023	08/23/2024
7	Radio Communication Test Station	Anritsu	MT8000A	KSEM001-1	08/24/2023	08/23/2024
8	Radio Communication Analyzer	Anritsu	MT8821C	KSEM002-1	03/19/2024	03/18/2025
9	Universal Radio Communication Tester	R&S	CMW500	KUS1911E004-1	08/24/2023	08/23/2024
10	Switcher	TST	FY562	KUS2001M001-4	01/15/2024	01/14/2025
11	AC Power Source	EXTECH	6605	KS301178	N.C.R	N.C.R
12	DC Power Supply	Aglient	E3632A	KS301180	N.C.R	N.C.R
13	Conducted Test Cable	Thermax	RF01-RF04	CZ301111-CZ301120	01/15/2024	01/14/2025
14	Temp. / Humidity Chamber	TERCHY	MHK-120AK	KS301190	08/24/2023	08/23/2024
15	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-5	03/19/2024	03/18/2025
16	Software	BST	TST-PASS	/	NCR	NCR
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	KUS1806E003	08/24/2023	08/23/2024
2	Universal Radio Communication Tester	R&S	CMW500	KSEM009-1	03/19/2024	03/18/2025
3	Signal Generator	Agilent	E8257C	KS301066	08/24/2023	08/23/2024
4	Loop Antenna	COM-POWER	AL-130R	KUS1806E001	03/18/2023	03/17/2025
5	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E005	06/29/2023	06/28/2025
6	Bilog Antenna	TESEQ	CBL 6112D	KUS1806E006	03/19/2024	03/18/2025
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	KS301079	08/24/2023	08/23/2024
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	KS301186	04/07/2023	04/06/2025
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	CZ301058	01/07/2024	01/06/2026
10	Amplifier(30MHz~18GHz)	PANSHAN TECHNOLOGY	LNA:1~18G	KSEM010-1	01/15/2024	01/14/2025
11	Amplifier(18~40GHz)	PANSHAN TECHNOLOGY	LNA180400G40	KSEM038	08/24/2023	08/23/2024
12	RE Test Cable	REBES MICROWAVE	/	CZ301097	08/24/2023	08/23/2024
13	Temperature & Humidity Recorder	Renke Control	RS-WS-N01-6J	KSEM024-4	03/19/2024	03/18/2025
14	Software	Faratronic	EZ_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 Internal antenna and no consideration of replacement. The best case gain of the U-NII-1:5.58dBi, U-NII-2A:5.58dBi, U-NII-2C:5.58dBi, U-NII-3: 5.58dBi.

Antenna location: Refer to internal photo.

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(dBμV)	
	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.		

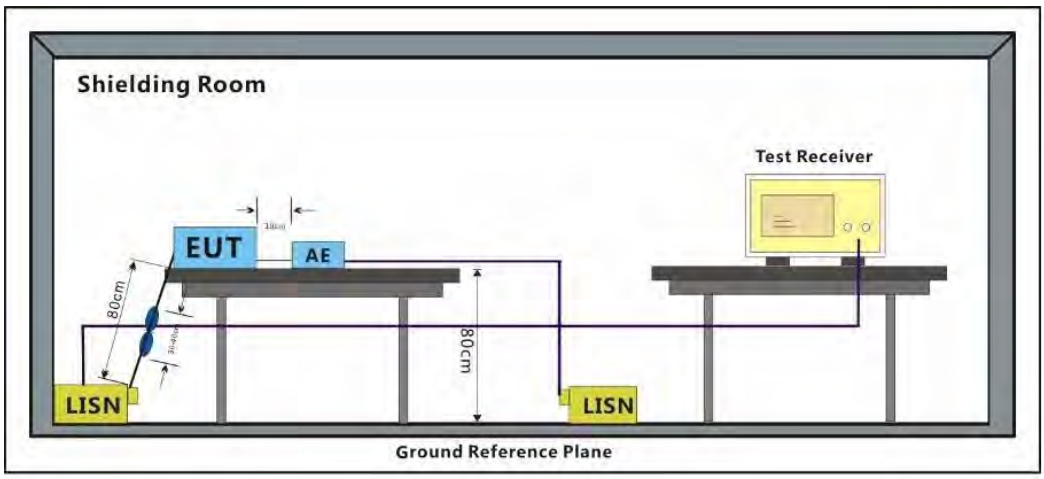
7.1.1 E.U.T. Operation

Operating Environment:
Temperature: 24.4 °C Humidity: 50.2 % RH Atmospheric Pressure: 1010 mbar

7.1.2 Test Mode Description

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

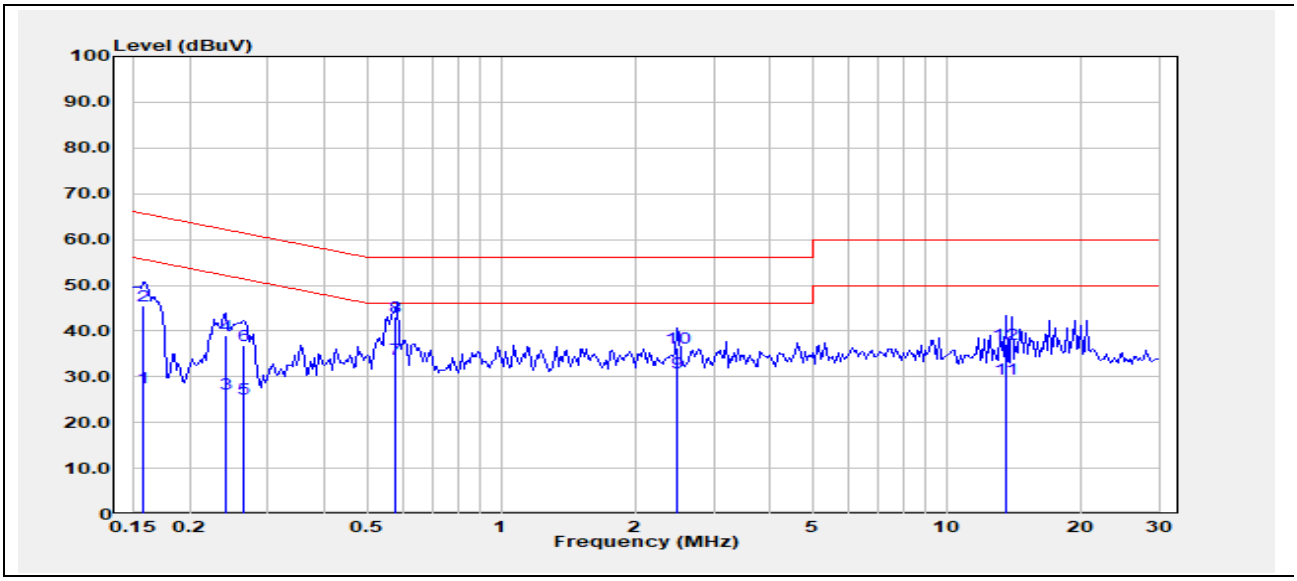
4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test 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 1: Level=Read Level+ Cable Loss+ LISN Factor.

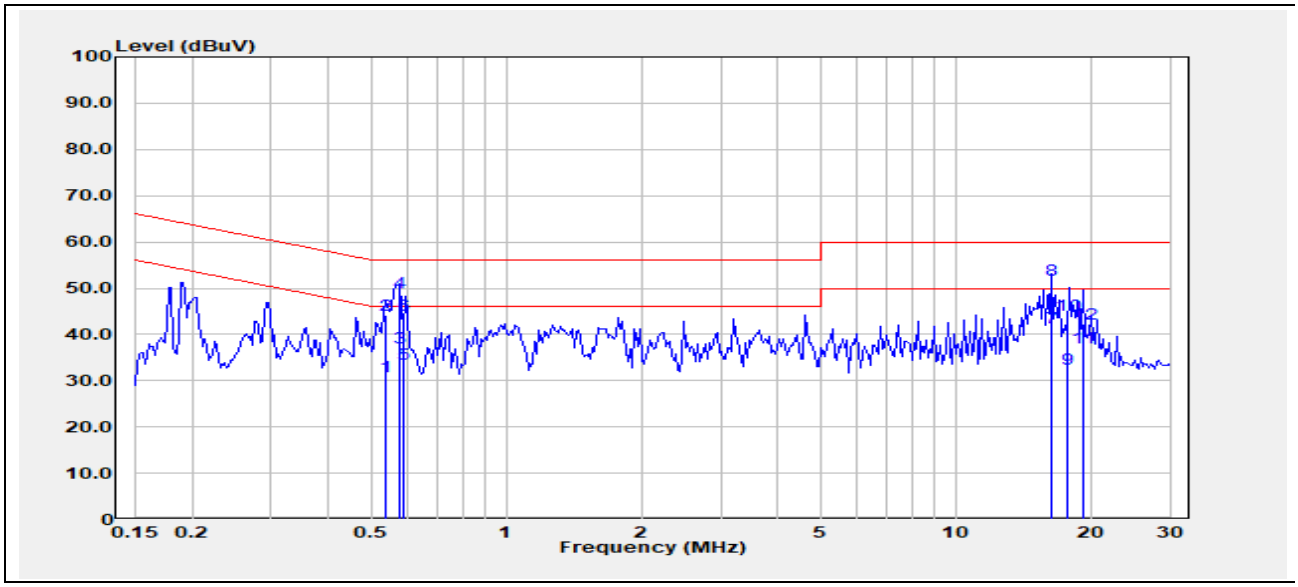
Remark 2: The EUT has two different types of adapters: the Power Adapter1 (S010-1A050150VUU) and the Power Adapter2 (TPA-141A050150UU01), both of which were pre-tested. Power Adapter1 is identified as the worst case, and only the worst results are reflected in the report.

Test Mode: 01; Line: Live line



No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBuV)	Factor(dB)	(dBuV)	(dBuV)	(dB)	
1	0.1577	7.47	20.22	27.69	55.58	-27.89	Average
2	0.1577	25.25	20.22	45.47	65.58	-20.11	QP
3	0.2411	6.14	20.07	26.21	52.06	-25.85	Average
4	0.2411	18.91	20.07	38.98	62.06	-23.08	QP
5	0.2631	5.19	20.07	25.26	51.33	-26.07	Average
6	0.2631	16.83	20.07	36.90	61.33	-24.43	QP
7	0.5769	14.09	19.92	34.01	46.00	-11.99	Average
8	0.5769	23.19	19.92	43.11	56.00	-12.89	QP
9	2.4950	10.95	19.96	30.91	46.00	-15.09	Average
10	2.4950	16.43	19.96	36.39	56.00	-19.61	QP
11	13.5480	9.69	19.78	29.47	50.00	-20.53	Average
12	13.5480	17.28	19.78	37.06	60.00	-22.94	QP

Test Mode: 01; Line: Neutral Line



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB)	Result (dBuV)	Limit (dBuV)	Margin (dB)	Remark
1	0.5402	10.90	19.91	30.81	46.00	-15.19	Average
2	0.5402	24.25	19.91	44.16	56.00	-11.84	QP
3	0.5790	17.12	19.89	37.01	46.00	-8.99	Average
4	0.5790	29.08	19.89	48.97	56.00	-7.03	QP
5	0.5891	13.75	19.88	33.63	46.00	-12.37	Average
6	0.5891	24.21	19.88	44.09	56.00	-11.91	QP
7	16.3750	21.76	19.83	41.59	50.00	-8.41	Average
8	16.3750	31.81	19.83	51.64	60.00	-8.36	QP
9	17.7950	12.81	19.83	32.64	50.00	-17.36	Average
10	17.7950	24.22	19.83	44.05	60.00	-15.95	QP
11	19.2270	17.41	19.82	37.23	50.00	-12.77	Average
12	19.2270	22.43	19.82	42.25	60.00	-17.75	QP

7.2 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: KDB 789033 D02 II E

Limit:

Frequency band(MHz)	Limit
5150-5250	≤1W(30dBm) for master device
	≤250mW(24dBm) for client device
5250-5350	≤250mW(24dBm) or 11dBm+10logB*
5470-5725	≤250mW(24dBm) or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	* 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.

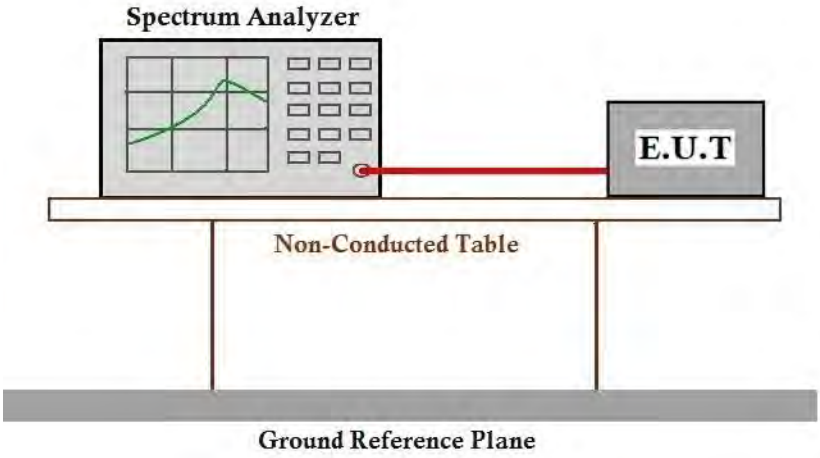
7.2.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.4 % RH Atmospheric Pressure: 1010 mbar

7.2.2 Test Mode Description

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

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

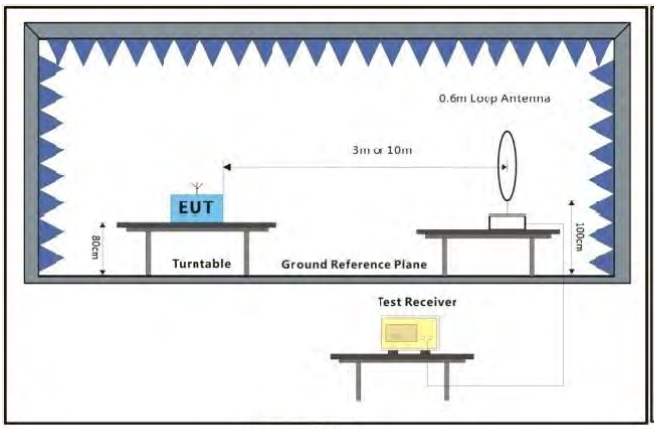
7.3.1 E.U.T. Operation

Operating Environment:
Temperature: 21.8 °C Humidity: 55.1 % RH Atmospheric Pressure: 1010 mbar

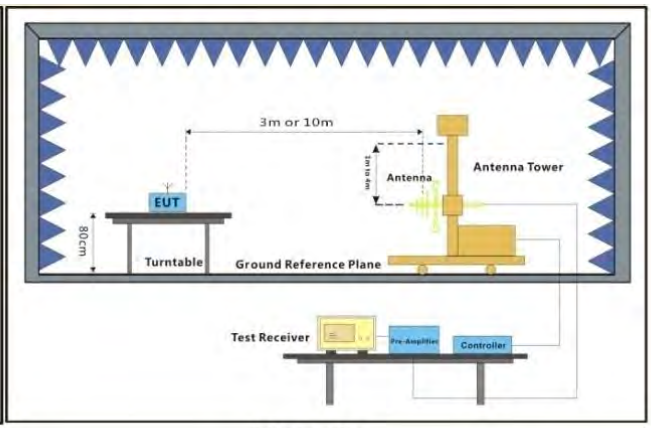
7.3.2 Test Mode Description

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

7.3.3 Test Setup Diagram



Below 30MHz



30MHz-1GHz

7.3.4 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 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. 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.

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 quasi-peak 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:

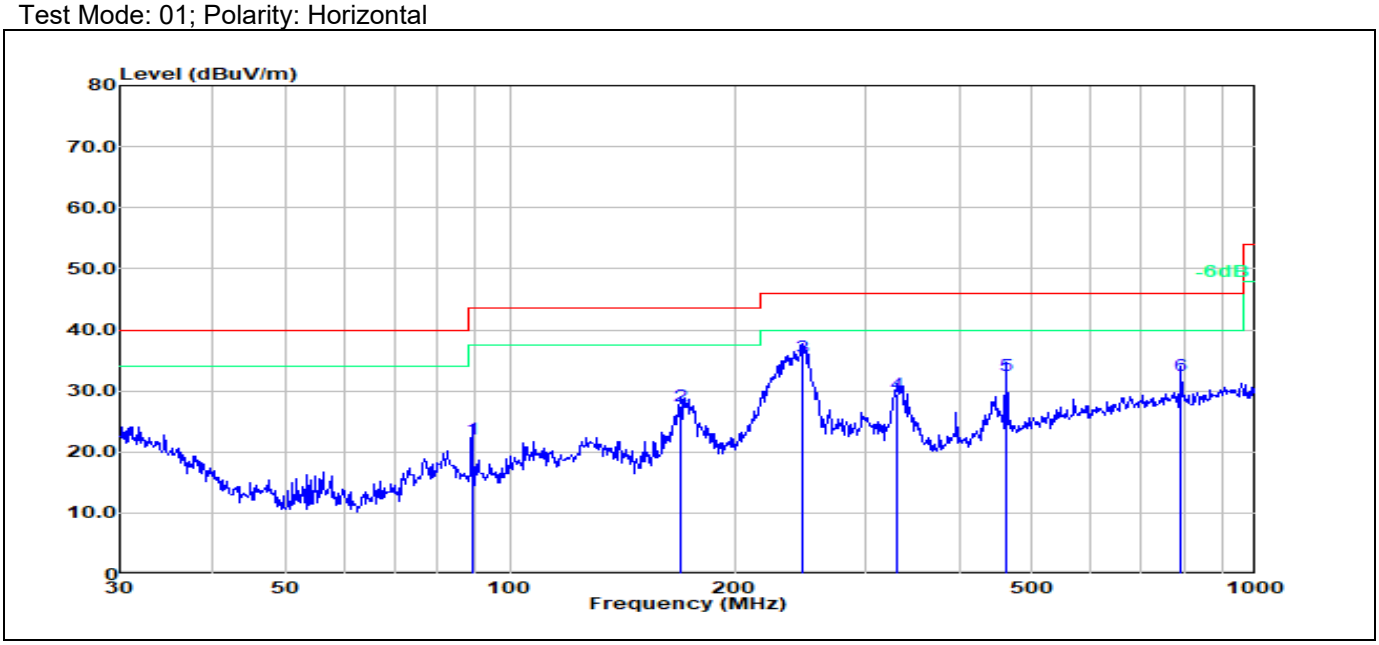
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. 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.

3. 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.

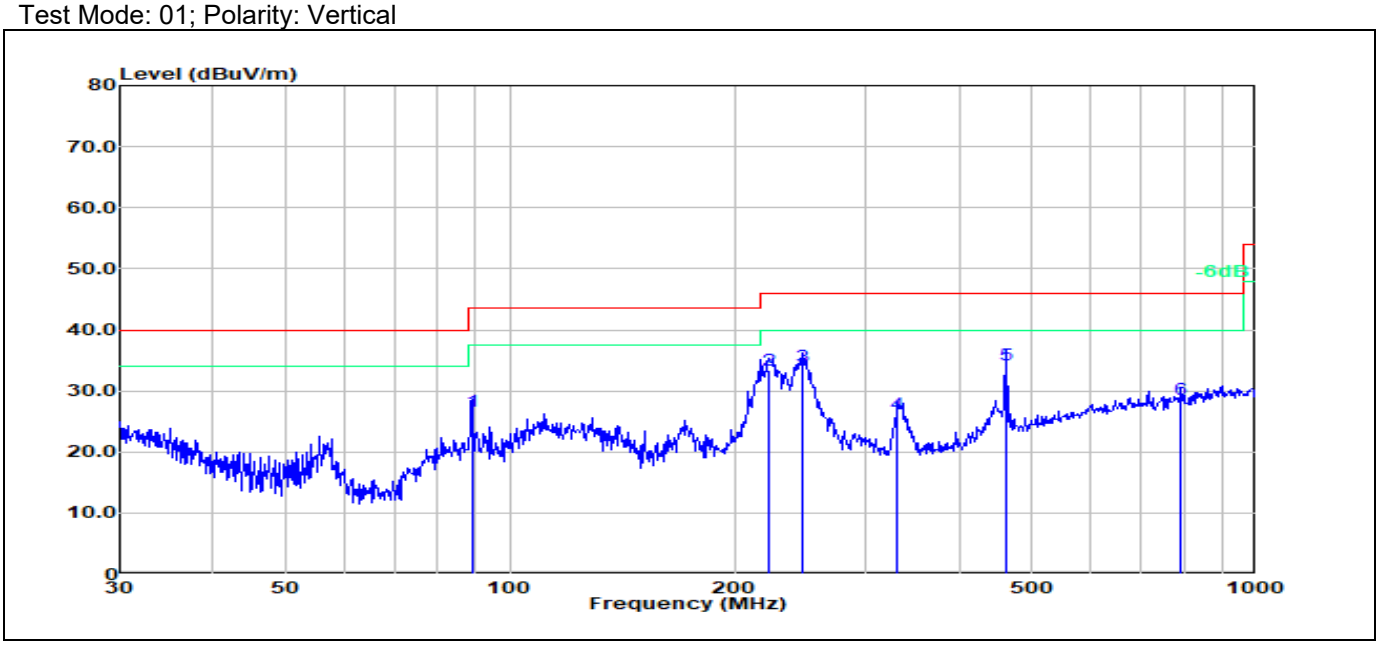
4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

Test Mode: 01; Polarity: Horizontal



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	88.9640	10.54	11.59	22.13	43.50	-21.37	100	159	QP
2	169.5990	16.19	11.29	27.48	43.50	-16.02	100	91	QP
3	246.8150	21.63	13.84	35.47	46.00	-10.53	100	348	QP
4	330.1950	12.96	16.60	29.56	46.00	-16.44	100	371	QP
5	462.3460	12.58	19.97	32.55	46.00	-13.45	100	250	QP
6	793.3960	8.11	24.49	32.60	46.00	-13.40	100	174	QP

Test Mode: 01; Polarity: Vertical



No.	Frequency	Reading	Correct	Result	Limit	Margin	Height	Degree	Remark
	(MHz)	(dBuV)	Factor(dB/m)	(dBuV/m)	(dBuV/m)	(dB)	(cm)	(deg.)	
1	88.9640	14.98	11.59	26.57	43.50	-16.93	100	329	QP
2	222.1700	20.76	12.71	33.47	46.00	-12.53	100	195	QP
3	246.8150	20.29	13.84	34.13	46.00	-11.87	100	157	QP
4	330.1950	9.73	16.60	26.33	46.00	-19.67	100	217	QP
5	462.3460	14.23	19.97	34.20	46.00	-11.80	100	195	QP
6	793.3960	4.15	24.49	28.64	46.00	-17.36	100	337	QP

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:

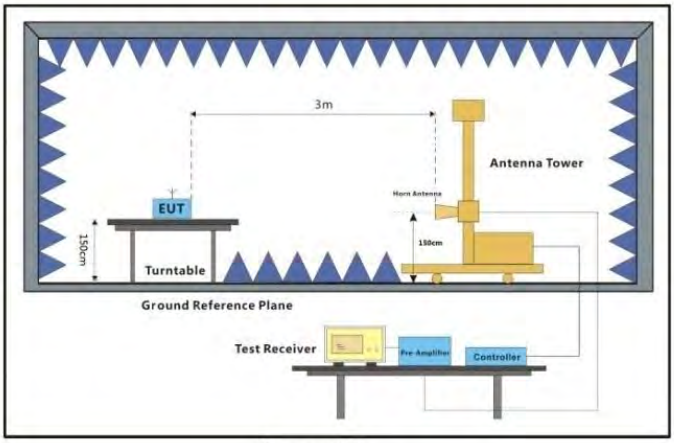
Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1010 mbar

7.4.2 Test Mode Description

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

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

7.4.3 Test Setup Diagram



Above 1GHz

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- Preamp 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.

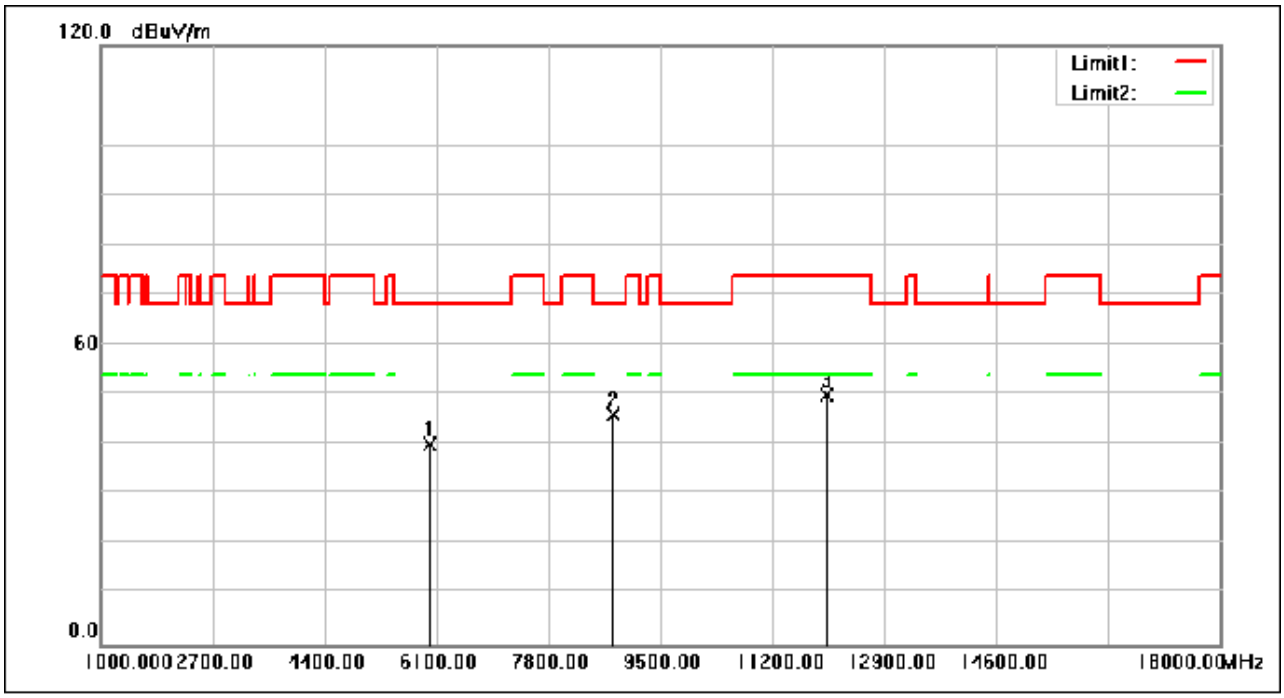
3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. For the emissions 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.

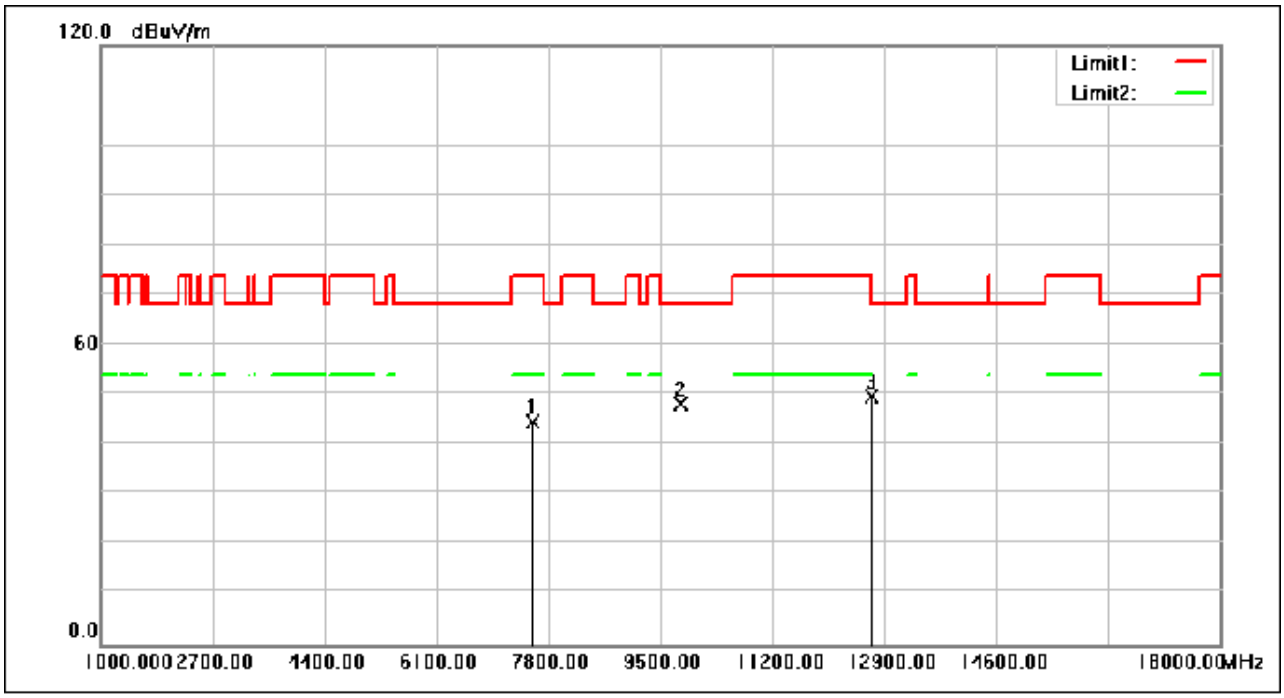
6. The EUT has two different types of adapters: the Power Adapter1 (S010-1A050150VUU) and the Power Adapter2 (TPA-141A050150UU01), both of which were pre-tested. Power Adapter1 is identified as the worst case, and only the worst results are reflected in the report.

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



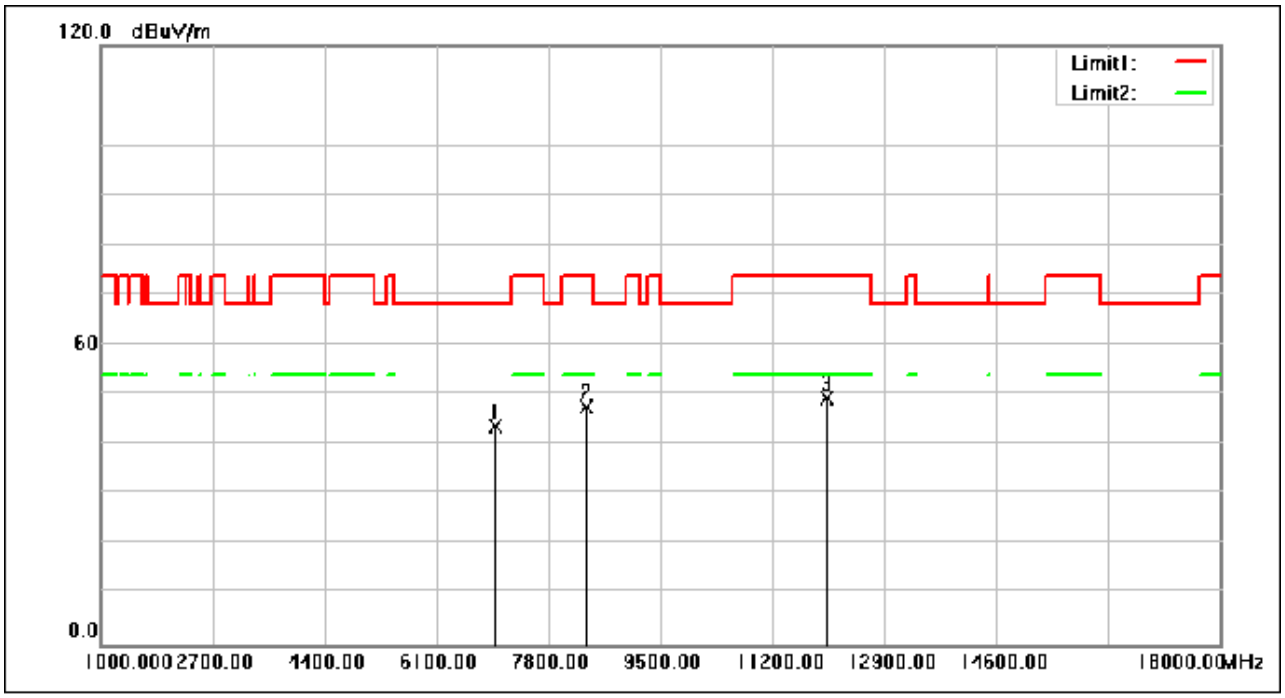
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6006.160	55.81	-15.75	40.06	68.30	-28.24	peak
2	8802.320	55.25	-9.25	46.00	68.30	-22.30	peak
3	12035.040	55.87	-5.90	49.97	74.00	-24.03	peak

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



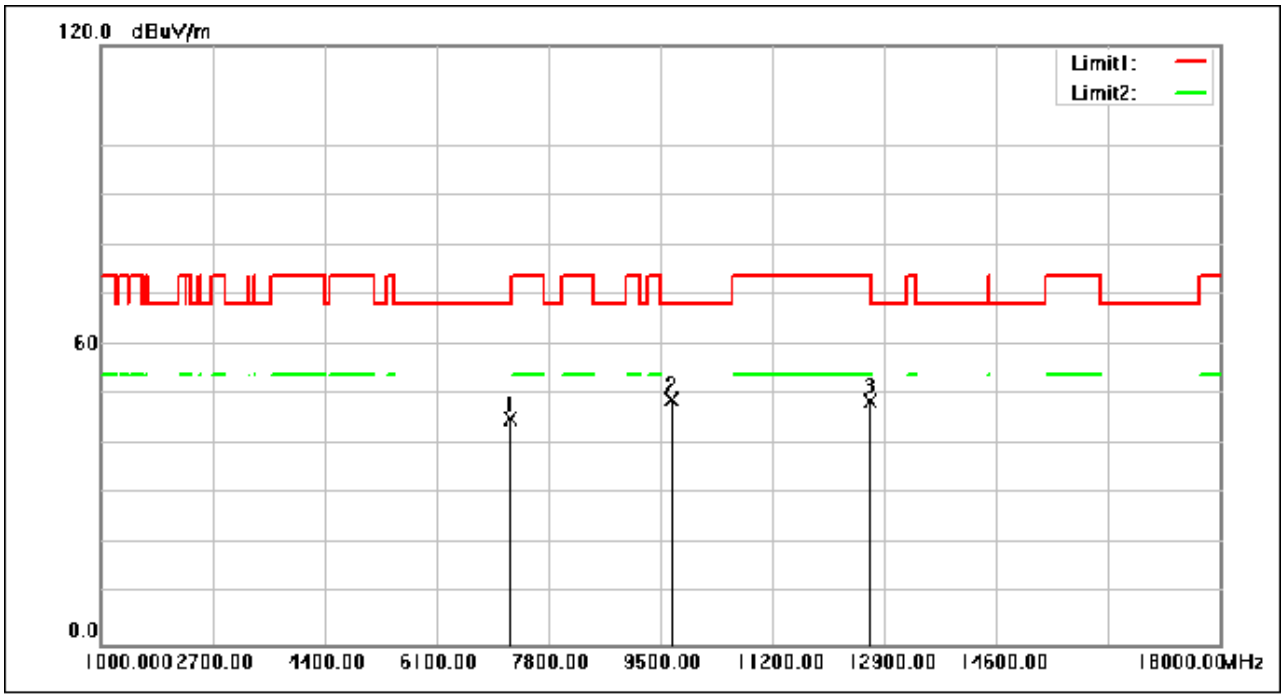
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7565.400	55.75	-11.17	44.58	74.00	-29.42	peak
2	9821.640	55.38	-7.34	48.04	68.30	-20.26	peak
3	12716.400	55.89	-6.21	49.68	68.30	-18.62	peak

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



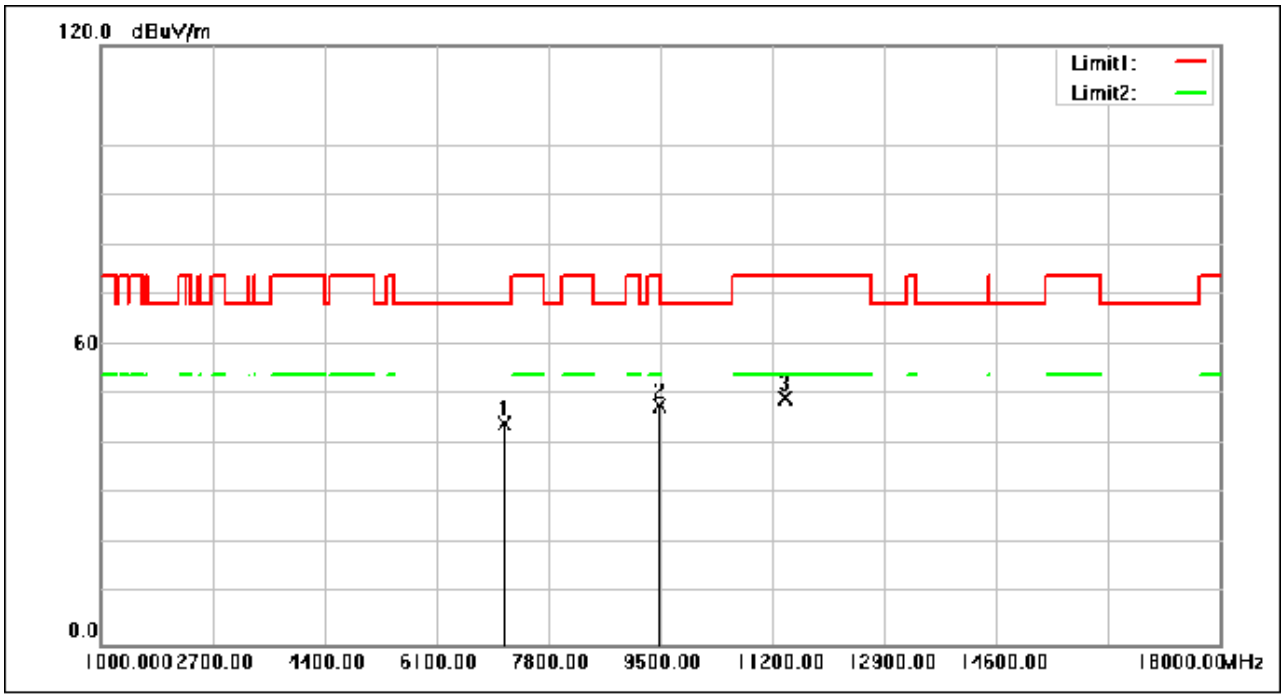
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7003.040	55.28	-11.56	43.72	68.30	-24.58	peak
2	8384.800	57.40	-9.94	47.46	74.00	-26.54	peak
3	12039.800	55.37	-5.90	49.47	74.00	-24.53	peak

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



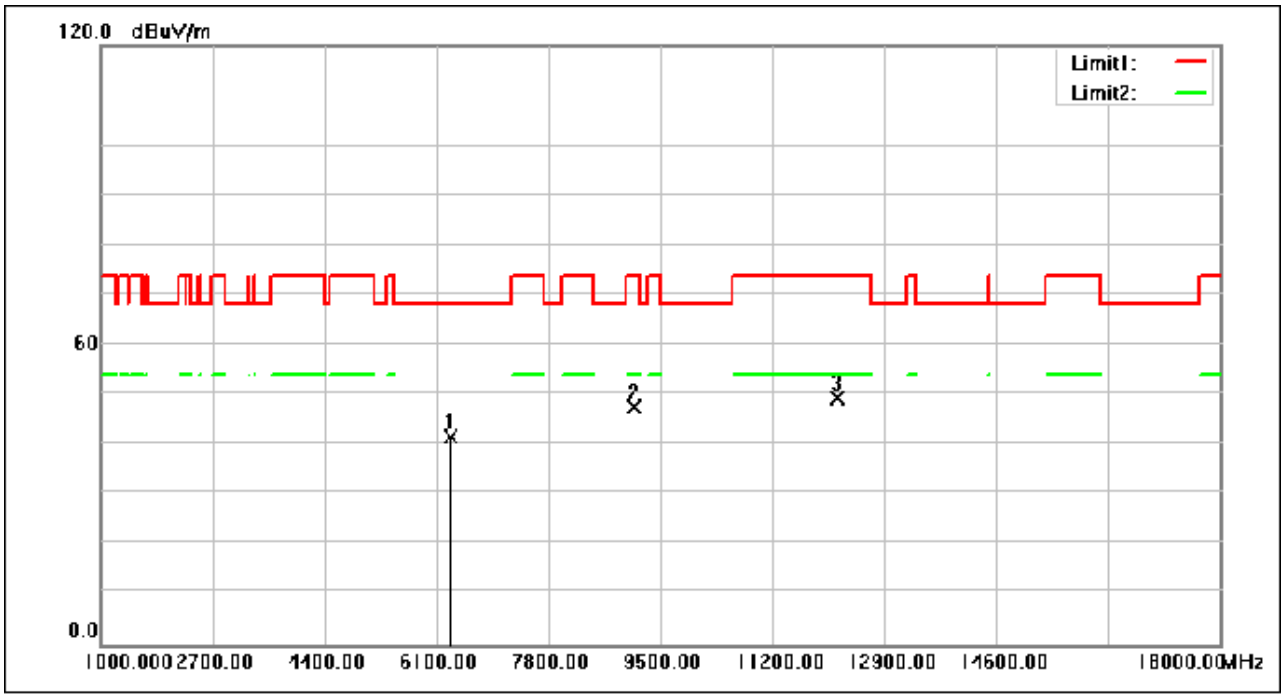
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7225.400	56.69	-11.47	45.22	68.30	-23.08	peak
2	9672.720	56.66	-7.63	49.03	68.30	-19.27	peak
3	12685.800	54.81	-6.19	48.62	74.00	-25.38	peak

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



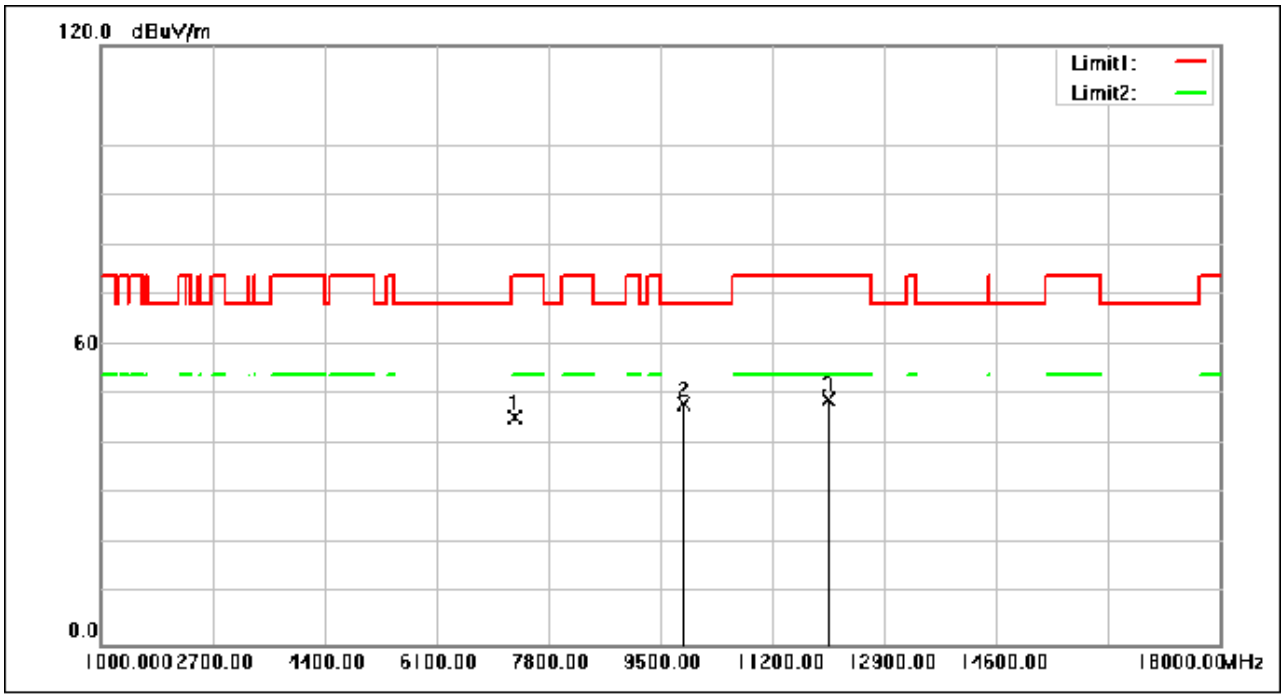
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7150.600	55.89	-11.50	44.39	68.30	-23.91	peak
2	9494.560	55.95	-7.96	47.99	74.00	-26.01	peak
3	11388.360	55.79	-6.45	49.34	74.00	-24.66	peak

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



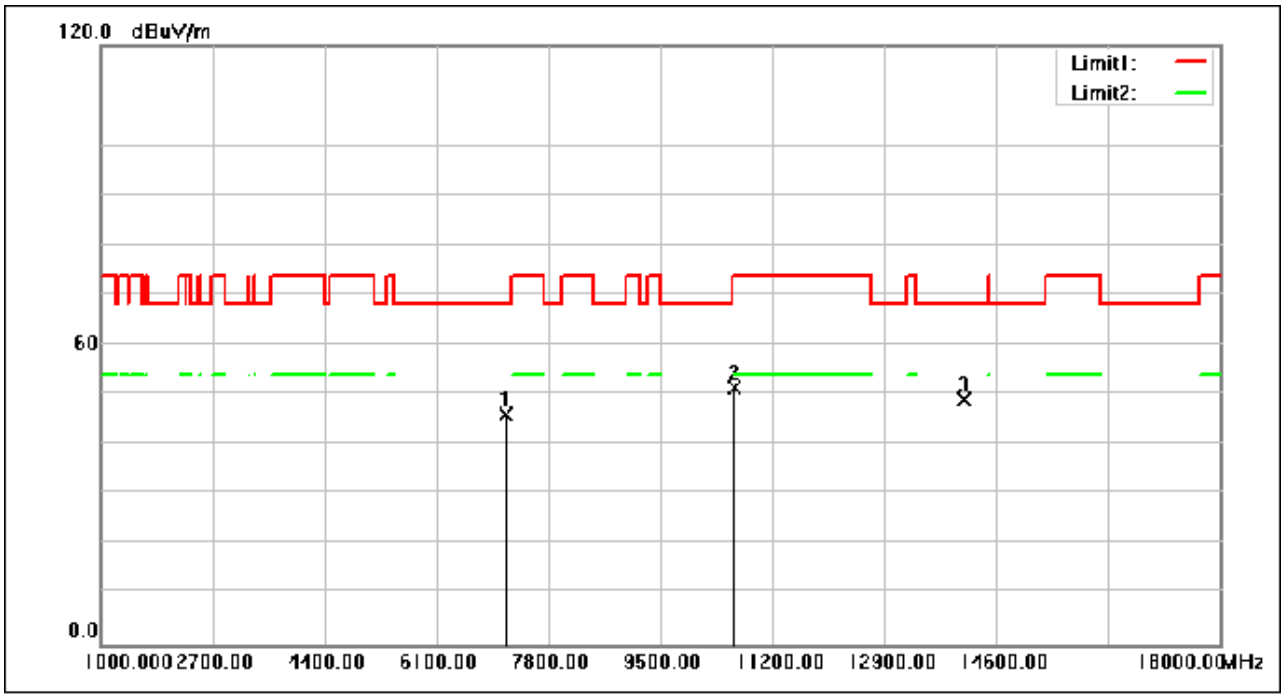
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6309.440	55.65	-14.22	41.43	68.30	-26.87	peak
2	9125.320	56.07	-8.66	47.41	74.00	-26.59	peak
3	12188.720	55.25	-5.98	49.27	74.00	-24.73	peak

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



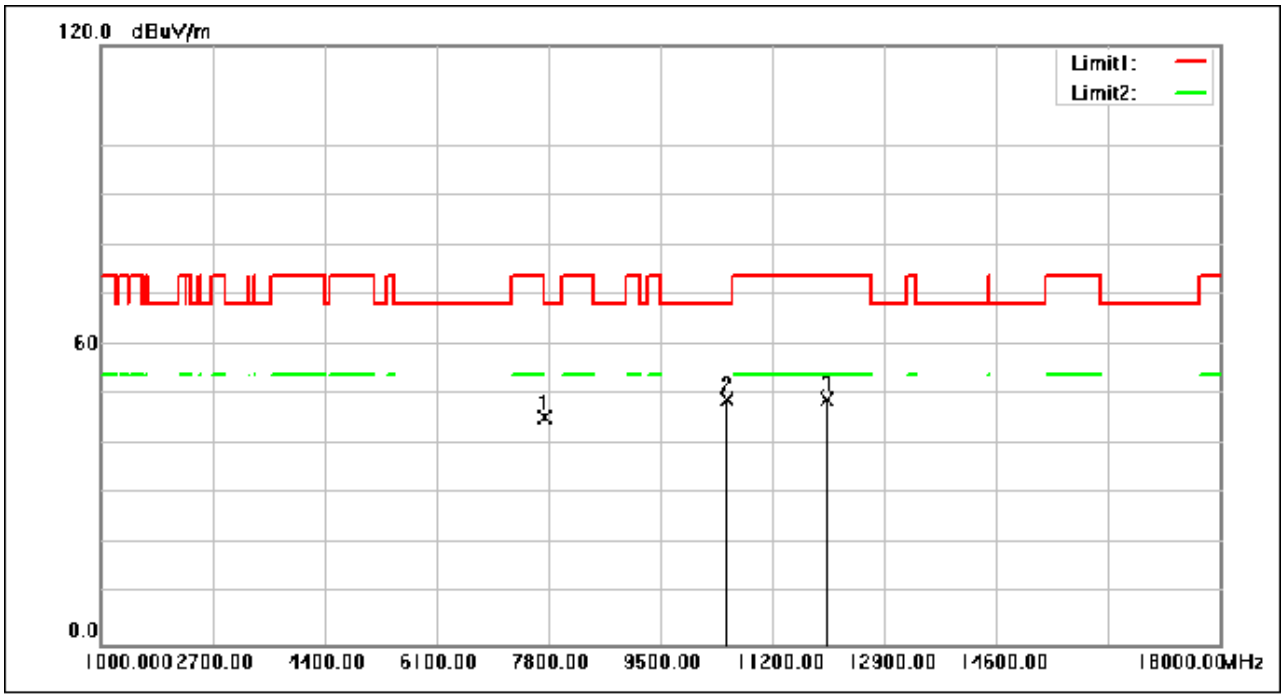
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7301.560	56.94	-11.43	45.51	74.00	-28.49	peak
2	9869.240	55.52	-7.30	48.22	68.30	-20.08	peak
3	12062.240	54.92	-5.92	49.00	74.00	-25.00	peak

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



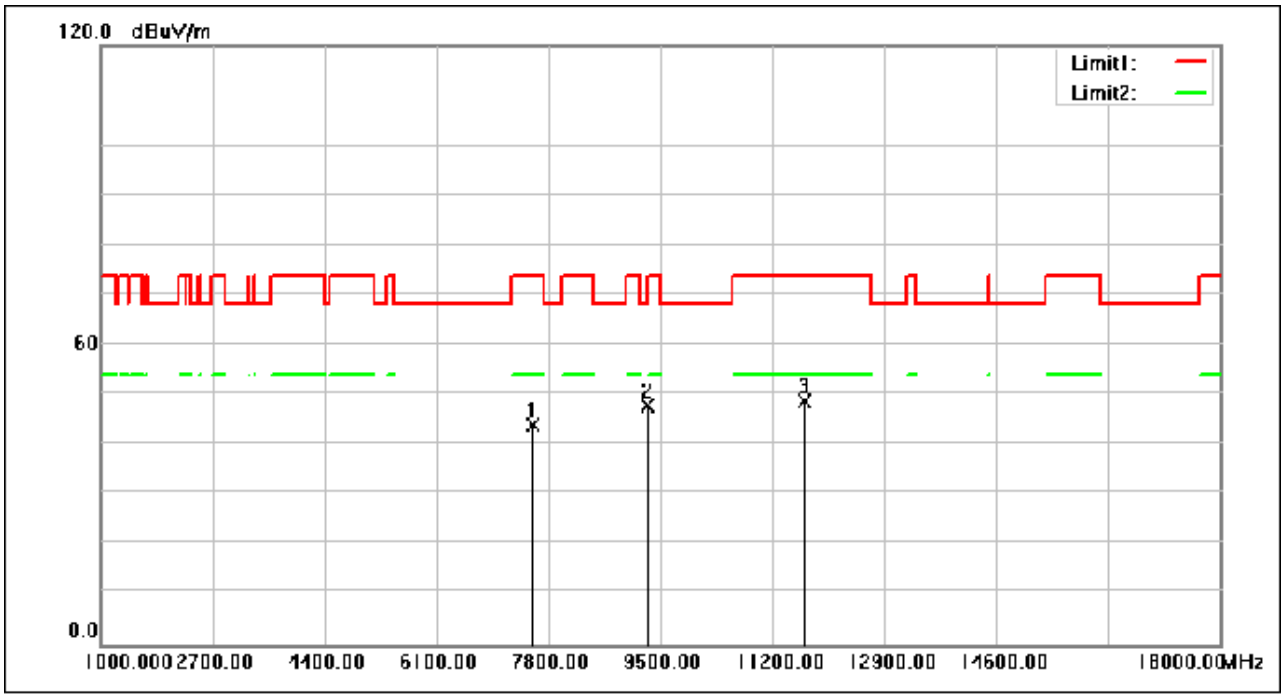
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7156.040	57.53	-11.50	46.03	68.30	-22.27	peak
2	10636.280	58.51	-6.96	51.55	74.00	-22.45	peak
3	14115.840	55.42	-6.33	49.09	68.30	-19.21	peak

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



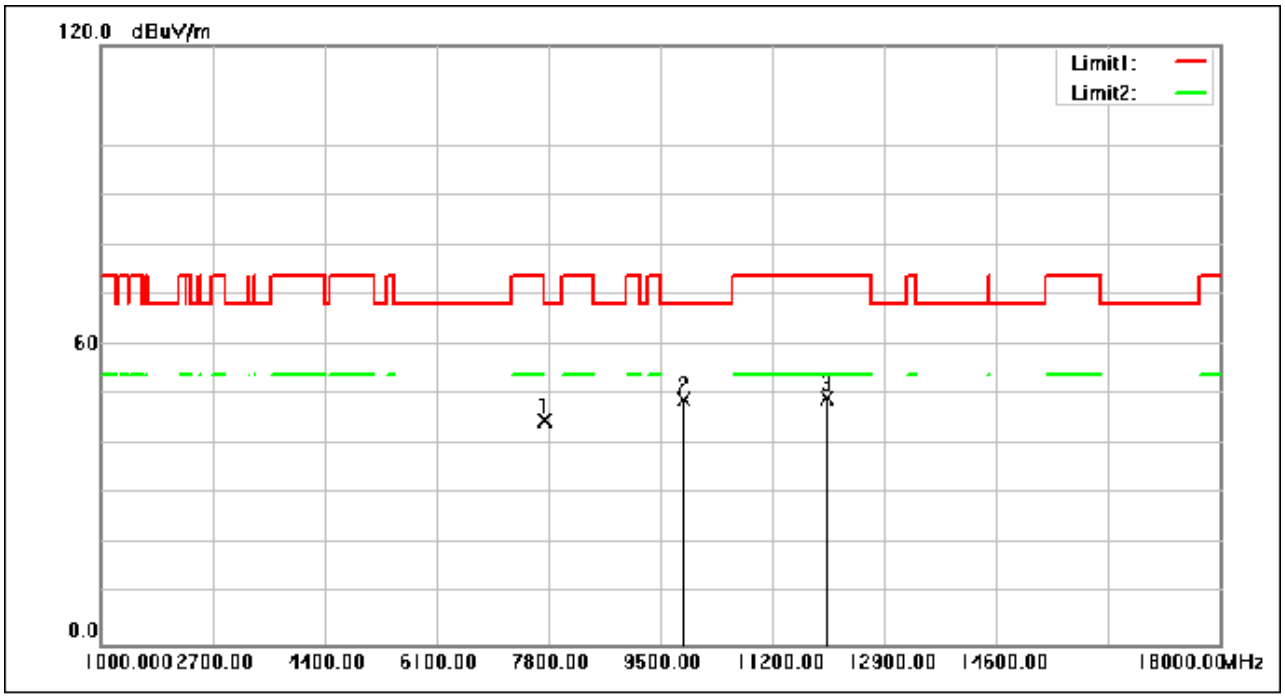
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7744.240	56.48	-10.94	45.54	74.00	-28.46	peak
2	10505.040	55.97	-7.04	48.93	68.30	-19.37	peak
3	12037.760	54.93	-5.90	49.03	74.00	-24.97	peak

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



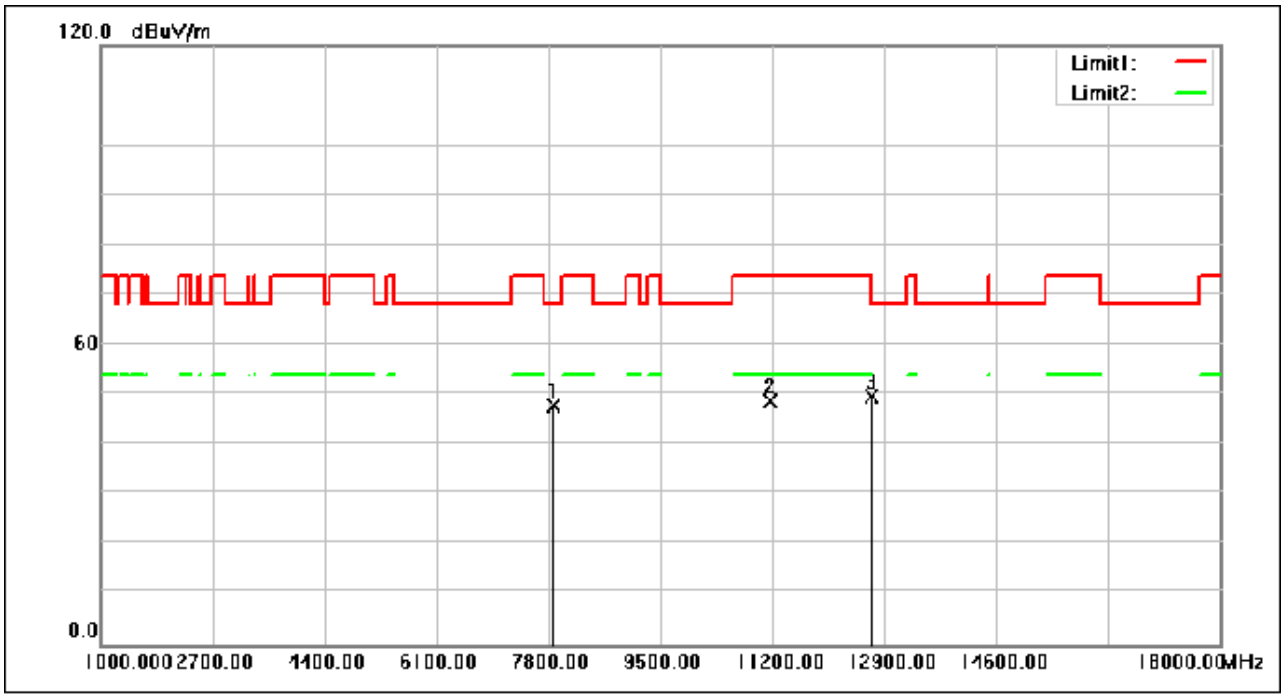
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7572.880	55.07	-11.16	43.91	74.00	-30.09	peak
2	9306.200	56.26	-8.32	47.94	74.00	-26.06	peak
3	11680.760	54.99	-6.21	48.78	74.00	-25.22	peak

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



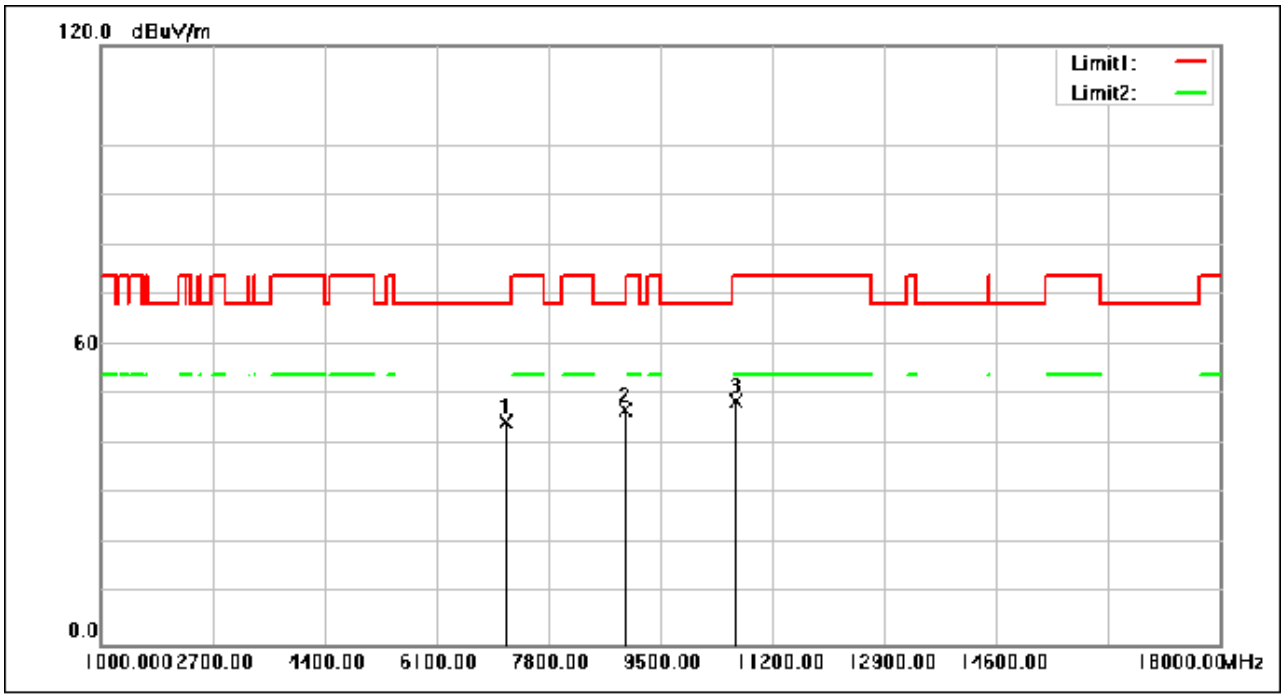
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7743.560	55.84	-10.94	44.90	74.00	-29.10	peak
2	9842.040	56.22	-7.30	48.92	68.30	-19.38	peak
3	12037.080	55.17	-5.90	49.27	74.00	-24.73	peak

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



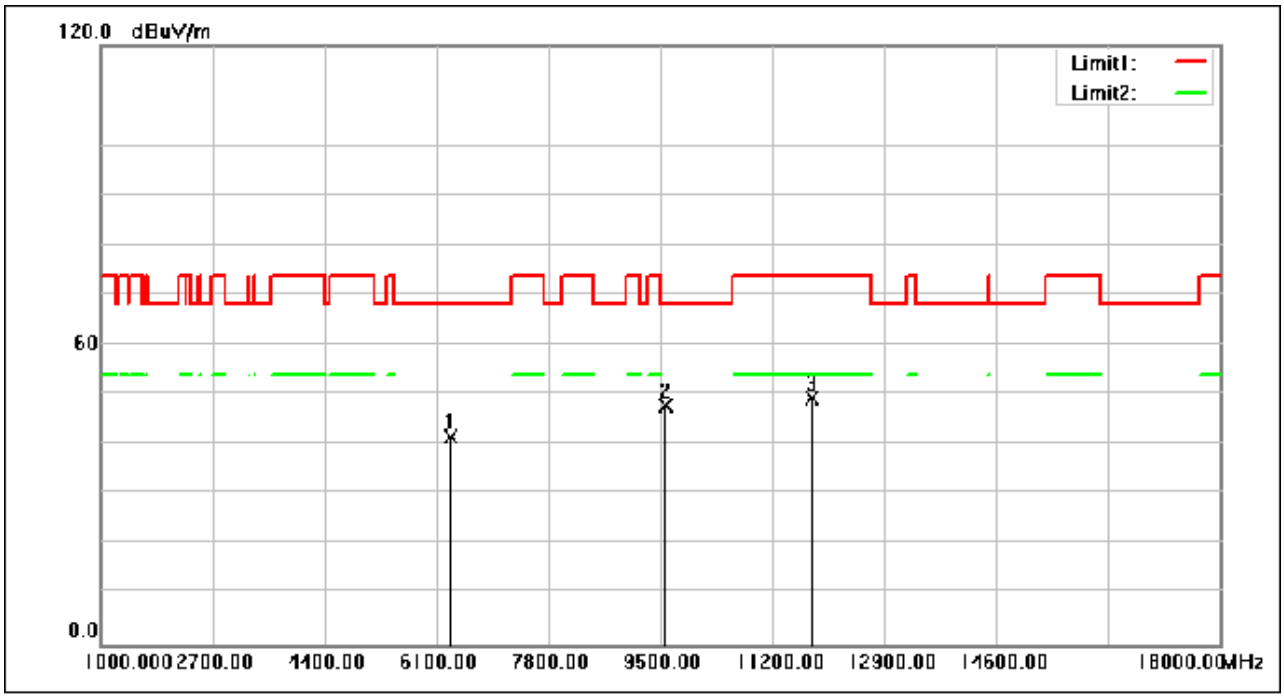
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7900.640	58.64	-10.73	47.91	68.30	-20.39	peak
2	11178.920	55.52	-6.62	48.90	74.00	-25.10	peak
3	12715.720	55.78	-6.21	49.57	68.30	-18.73	peak

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



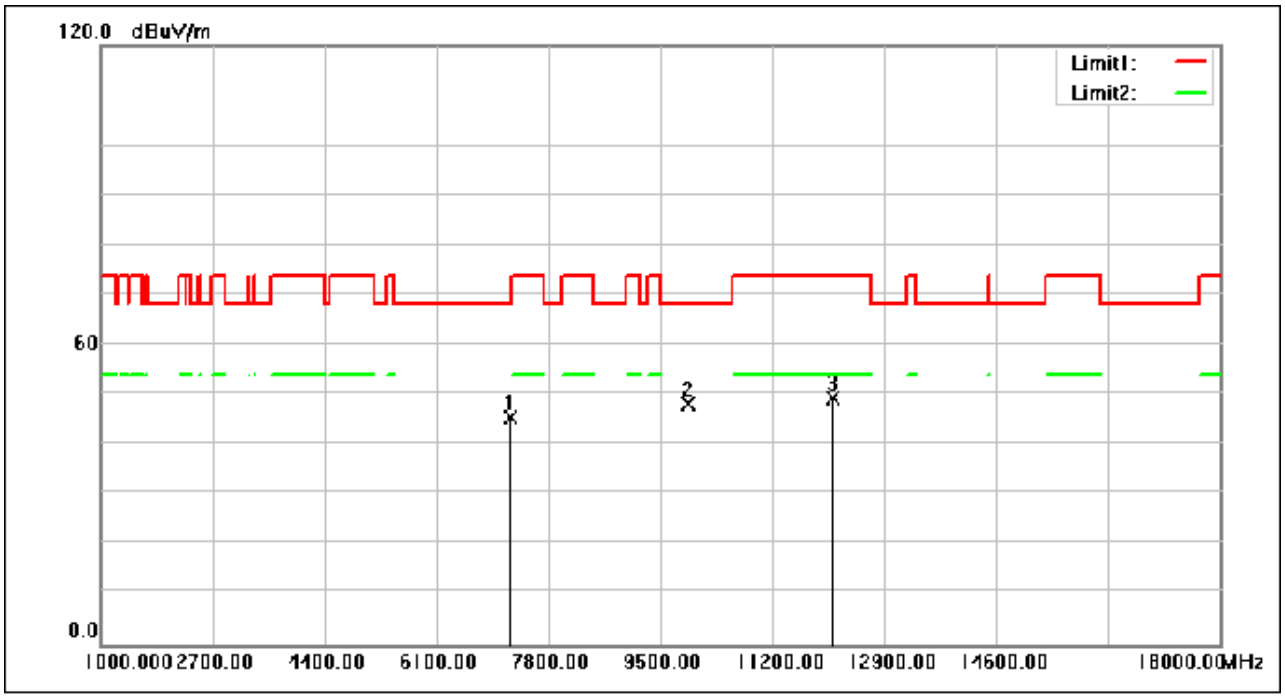
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7154.000	56.13	-11.50	44.63	68.30	-23.67	peak
2	8958.040	55.94	-8.99	46.95	68.30	-21.35	peak
3	10640.360	55.85	-6.96	48.89	74.00	-25.11	peak

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



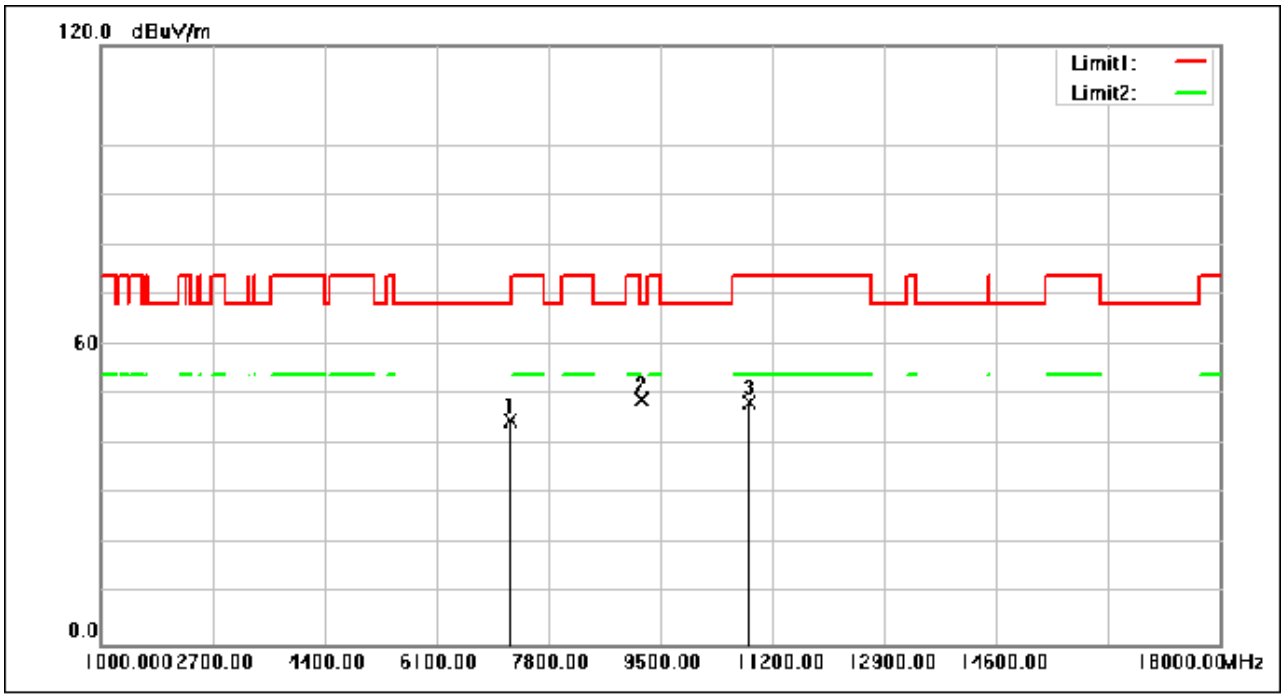
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6317.600	55.67	-14.18	41.49	68.30	-26.81	peak
2	9589.080	55.60	-7.79	47.81	68.30	-20.49	peak
3	11807.920	55.32	-6.11	49.21	74.00	-24.79	peak

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



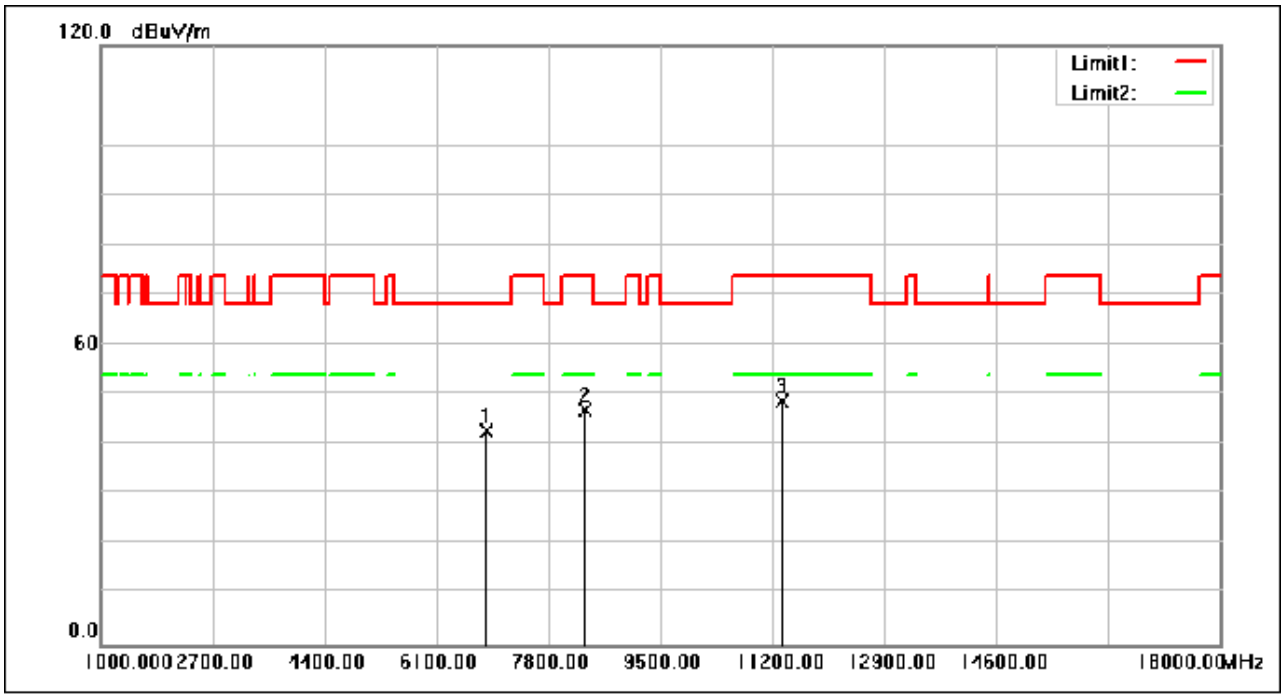
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7225.400	56.88	-11.47	45.41	68.30	-22.89	peak
2	9927.720	55.45	-7.31	48.14	68.30	-20.16	peak
3	12126.160	55.18	-5.95	49.23	74.00	-24.77	peak

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



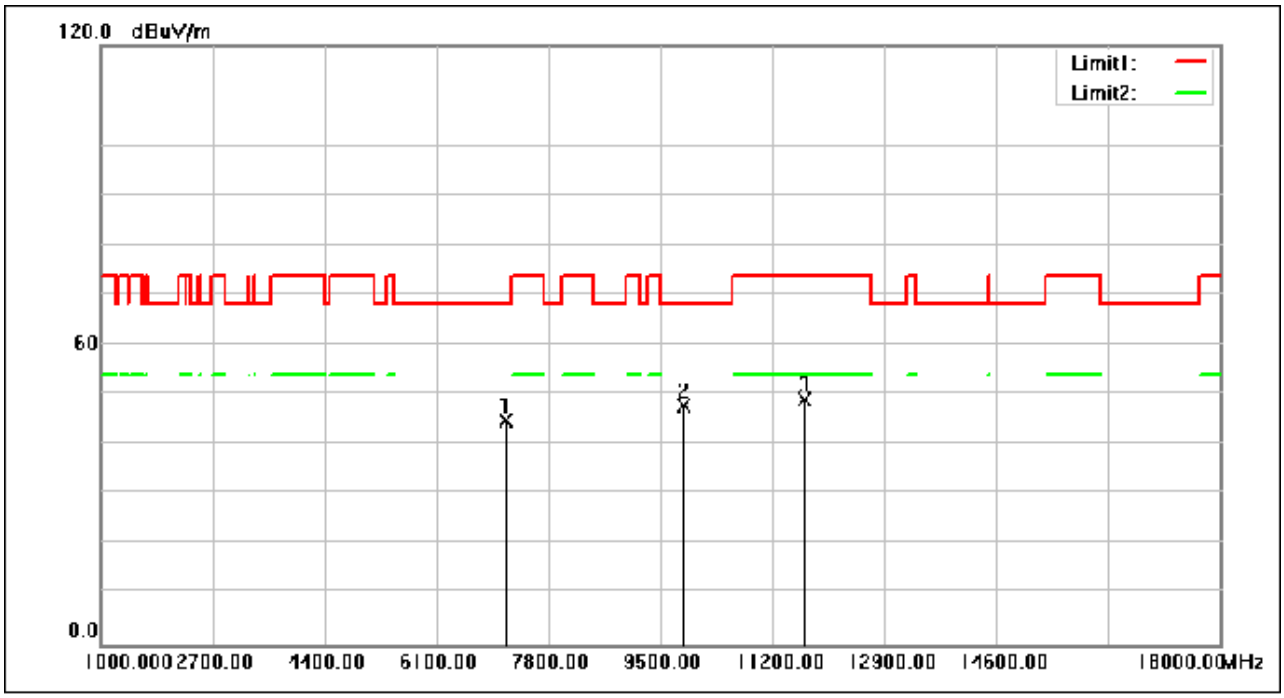
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7228.120	56.42	-11.47	44.95	68.30	-23.35	peak
2	9211.000	57.43	-8.50	48.93	68.30	-19.37	peak
3	10846.400	55.29	-6.84	48.45	74.00	-25.55	peak

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



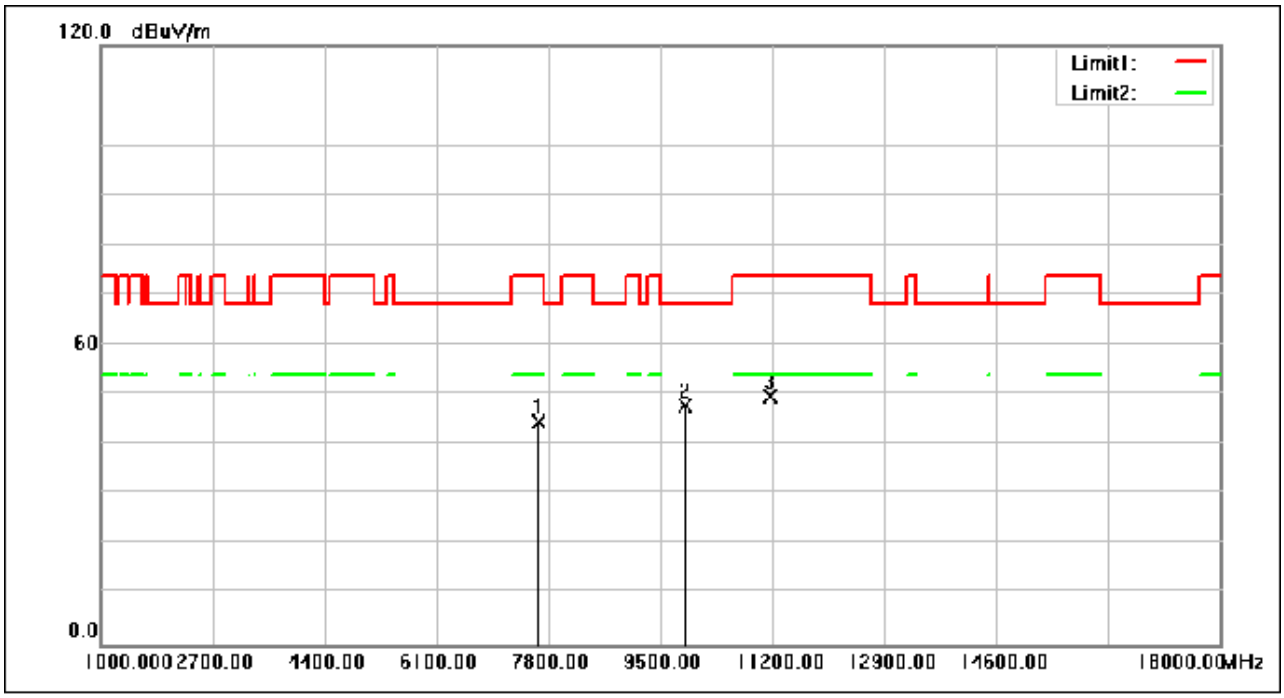
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6849.360	54.69	-11.83	42.86	68.30	-25.44	peak
2	8369.840	56.80	-9.97	46.83	74.00	-27.17	peak
3	11339.400	55.27	-6.49	48.78	74.00	-25.22	peak

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



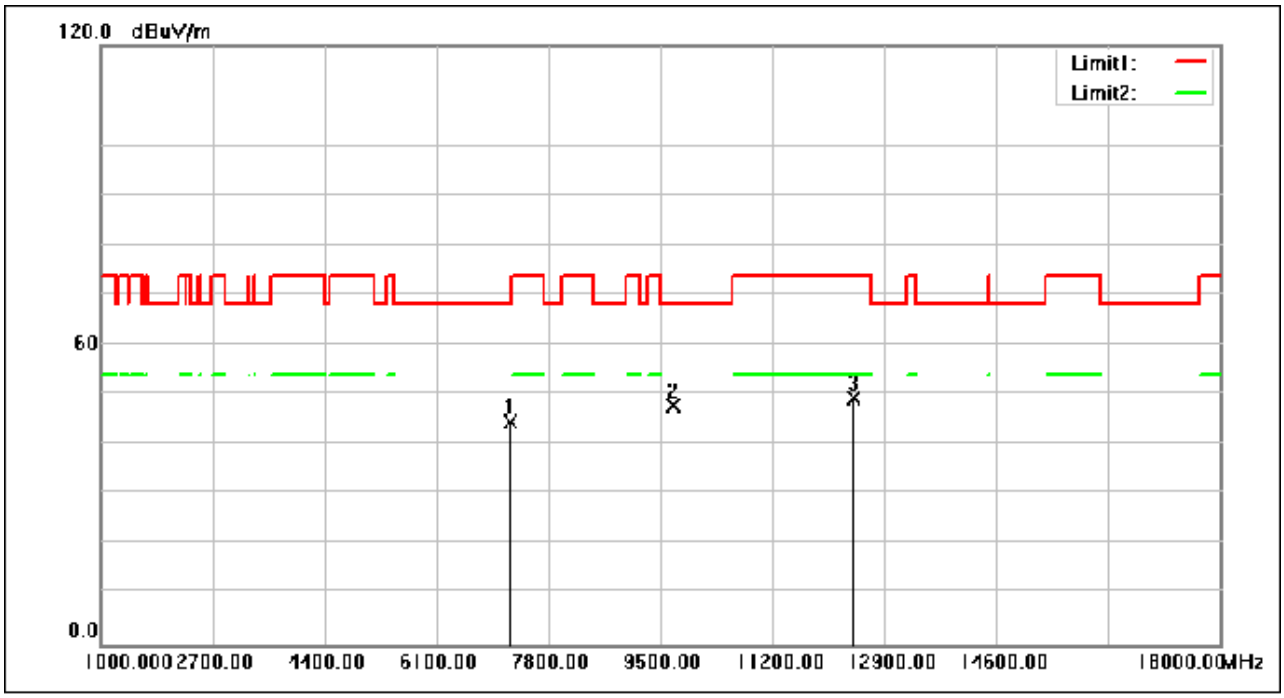
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7154.000	56.48	-11.50	44.98	68.30	-23.32	peak
2	9846.800	55.27	-7.29	47.98	68.30	-20.32	peak
3	11695.720	55.22	-6.20	49.02	74.00	-24.98	peak

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



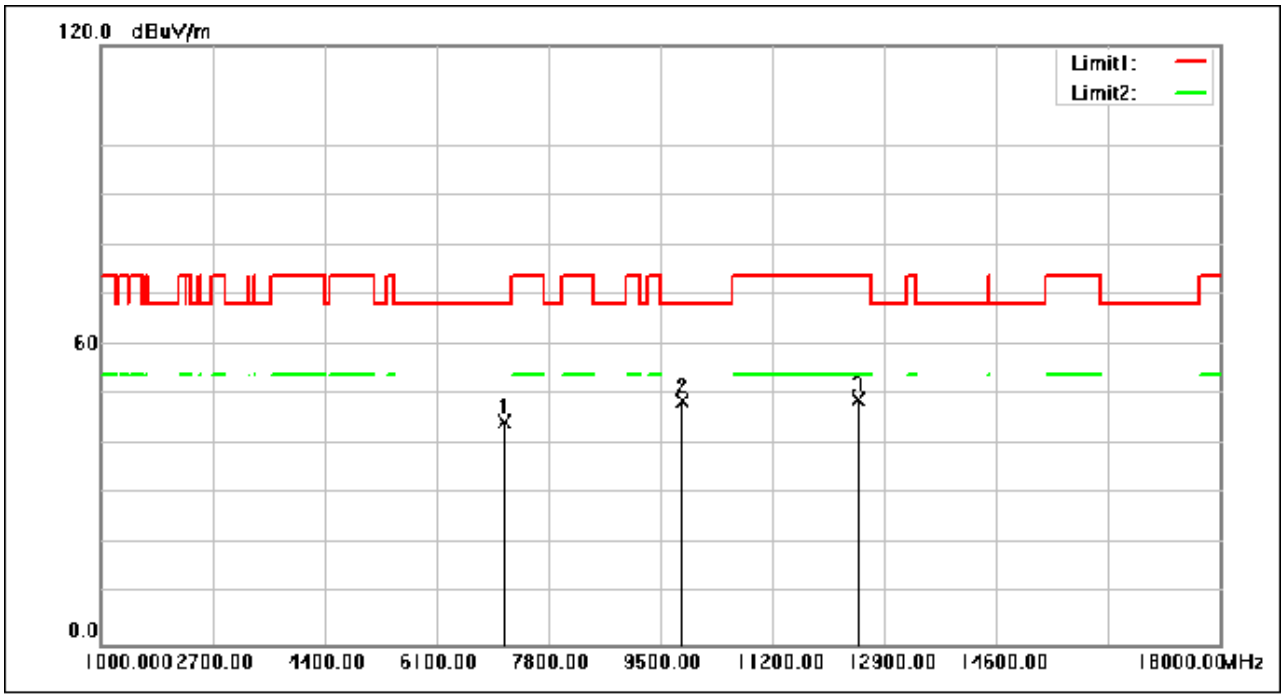
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7653.120	55.68	-11.06	44.62	74.00	-29.38	peak
2	9878.760	55.14	-7.30	47.84	68.30	-20.46	peak
3	11167.360	56.18	-6.62	49.56	74.00	-24.44	peak

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



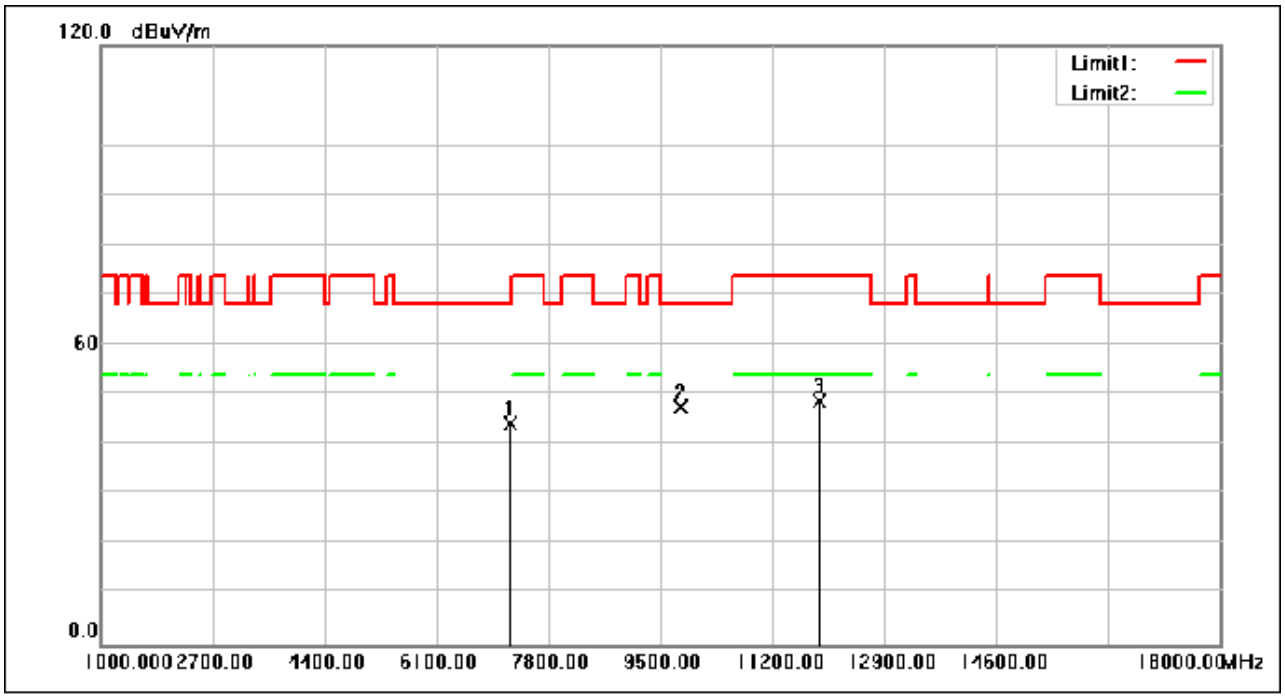
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7234.920	56.01	-11.47	44.54	68.30	-23.76	peak
2	9693.120	55.56	-7.59	47.97	68.30	-20.33	peak
3	12426.040	55.35	-6.08	49.27	74.00	-24.73	peak

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



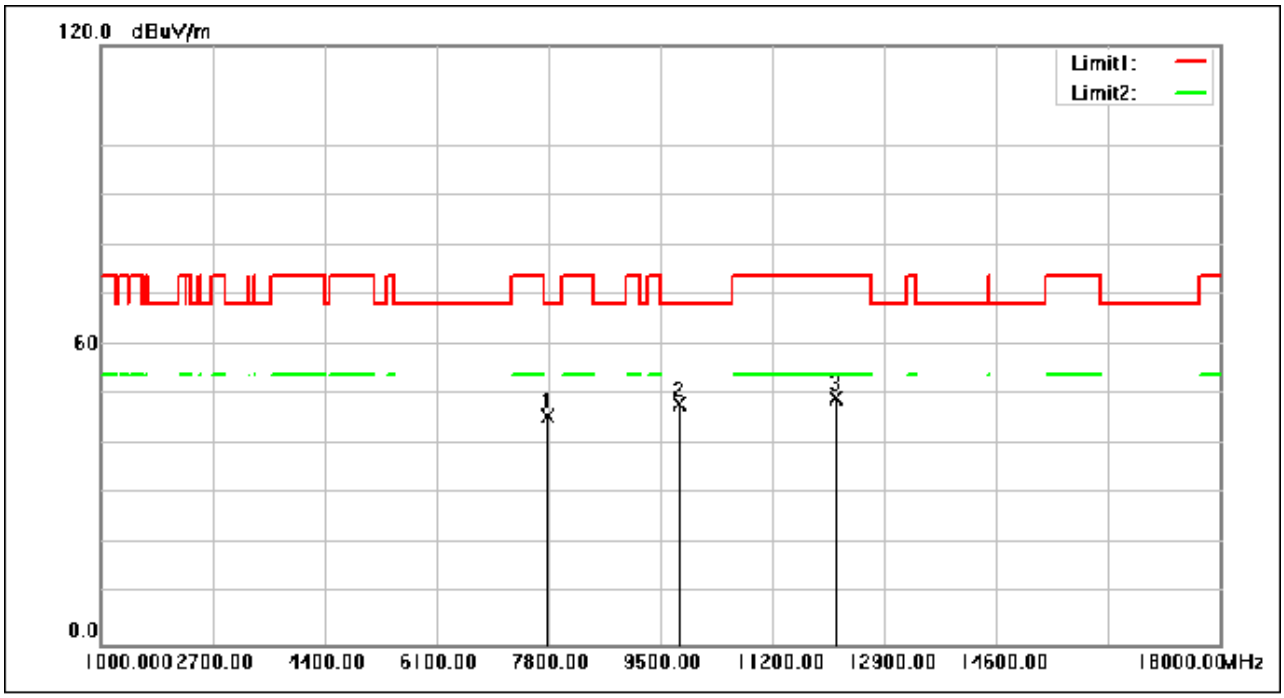
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7153.320	56.11	-11.50	44.61	68.30	-23.69	peak
2	9827.080	56.14	-7.33	48.81	68.30	-19.49	peak
3	12505.600	55.07	-6.12	48.95	74.00	-25.05	peak

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



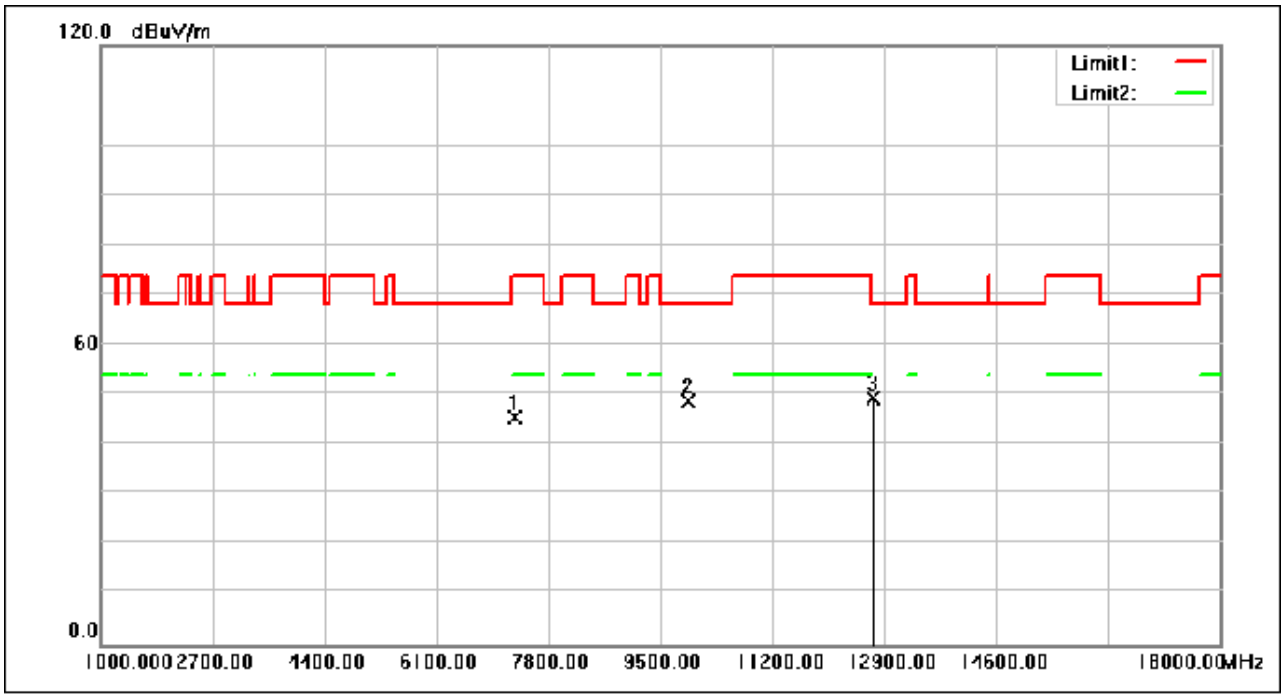
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7230.160	55.87	-11.47	44.40	68.30	-23.90	peak
2	9820.280	54.96	-7.35	47.61	68.30	-20.69	peak
3	11927.600	54.86	-6.00	48.86	74.00	-25.14	peak

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



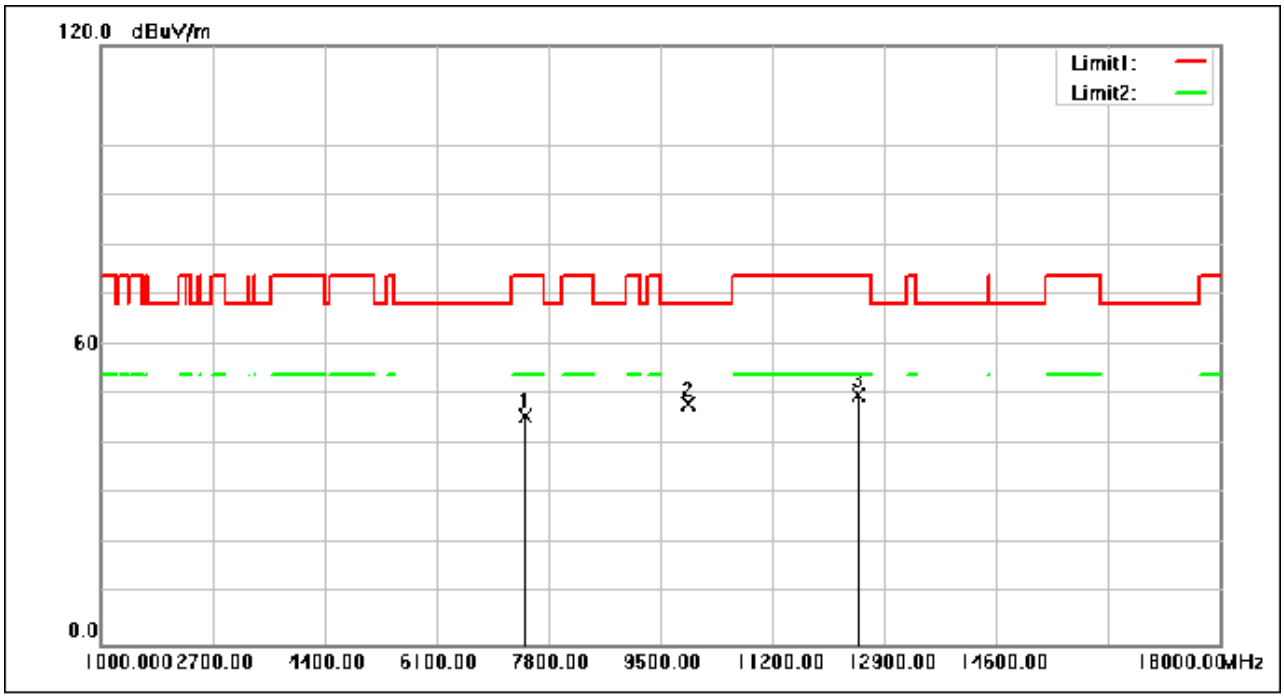
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7787.760	56.68	-10.88	45.80	68.30	-22.50	peak
2	9804.640	55.60	-7.38	48.22	68.30	-20.08	peak
3	12171.720	55.23	-5.97	49.26	74.00	-24.74	peak

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



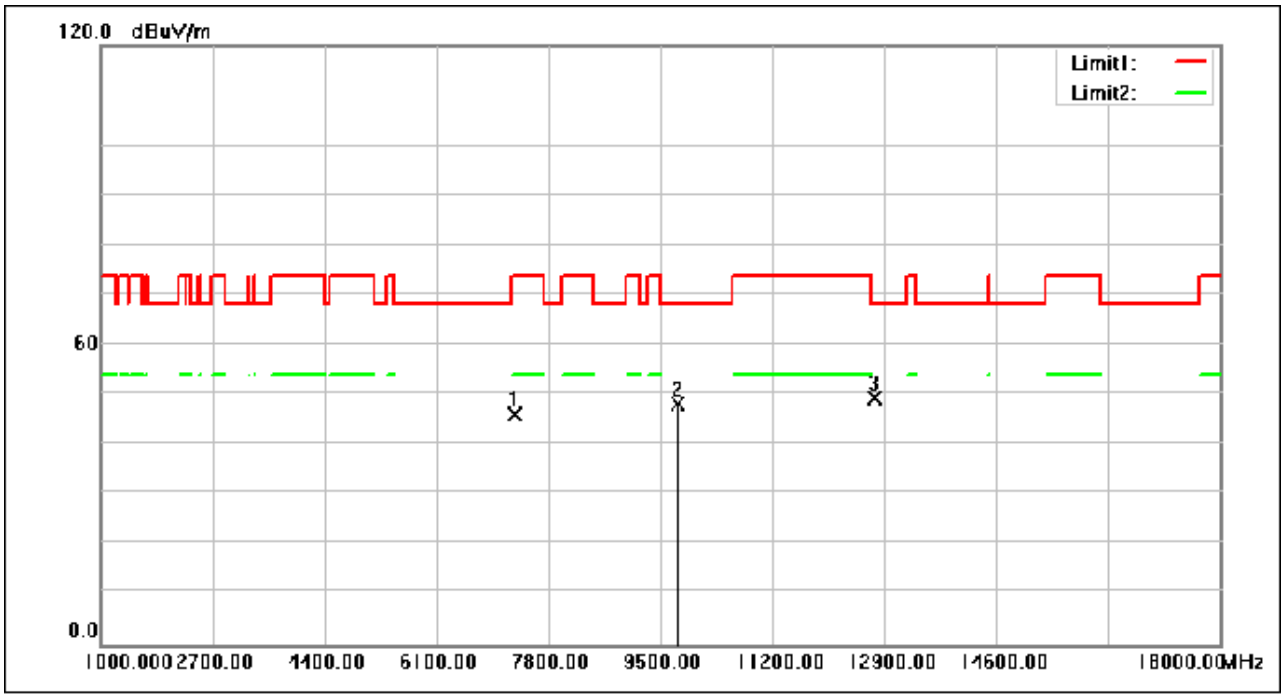
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7294.760	56.79	-11.44	45.35	74.00	-28.65	peak
2	9927.040	55.97	-7.31	48.66	68.30	-19.64	peak
3	12744.280	55.44	-6.23	49.21	68.30	-19.09	peak

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



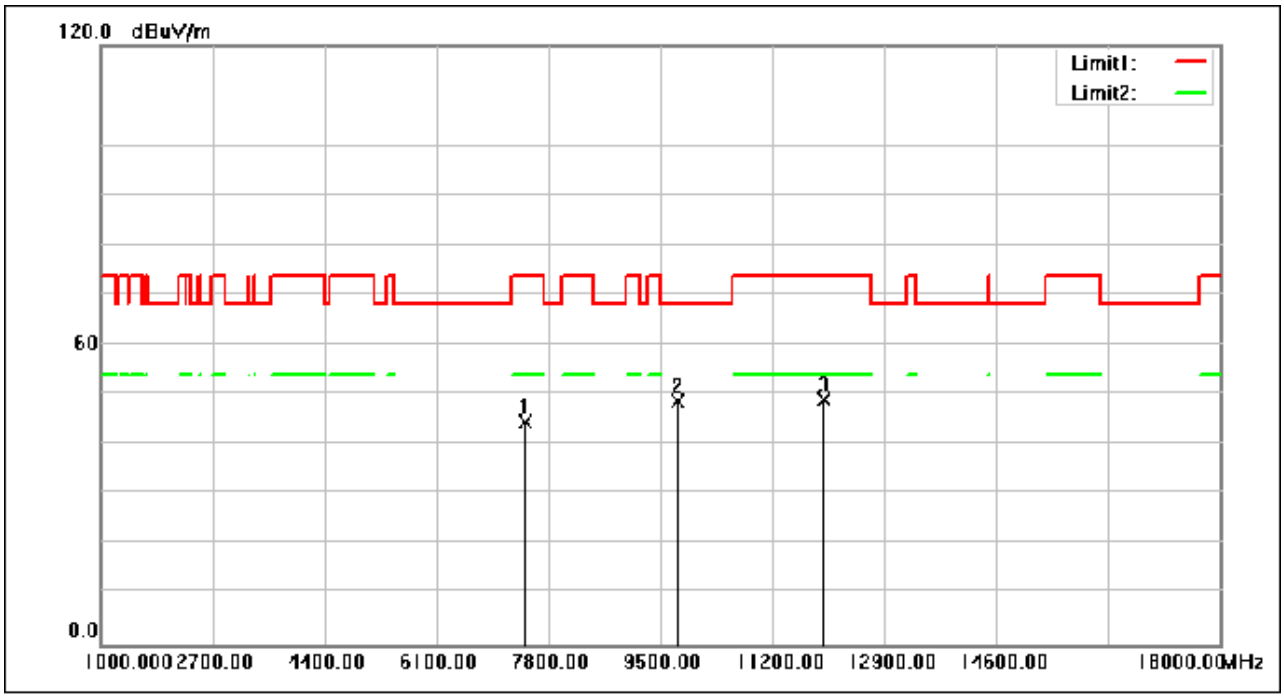
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7449.120	57.00	-11.33	45.67	74.00	-28.33	peak
2	9930.440	55.38	-7.31	48.07	68.30	-20.23	peak
3	12513.760	56.19	-6.13	50.06	74.00	-23.94	peak

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



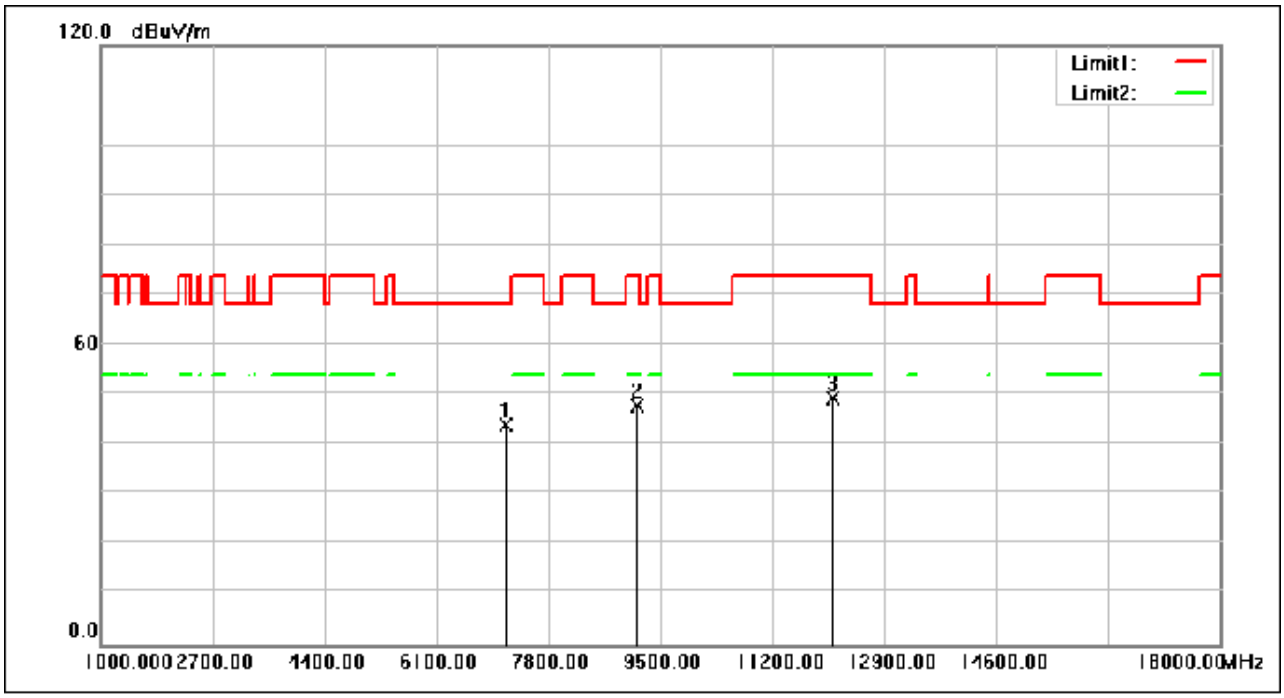
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7300.200	57.36	-11.43	45.93	74.00	-28.07	peak
2	9764.520	55.69	-7.46	48.23	68.30	-20.07	peak
3	12759.240	55.56	-6.24	49.32	68.30	-18.98	peak

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



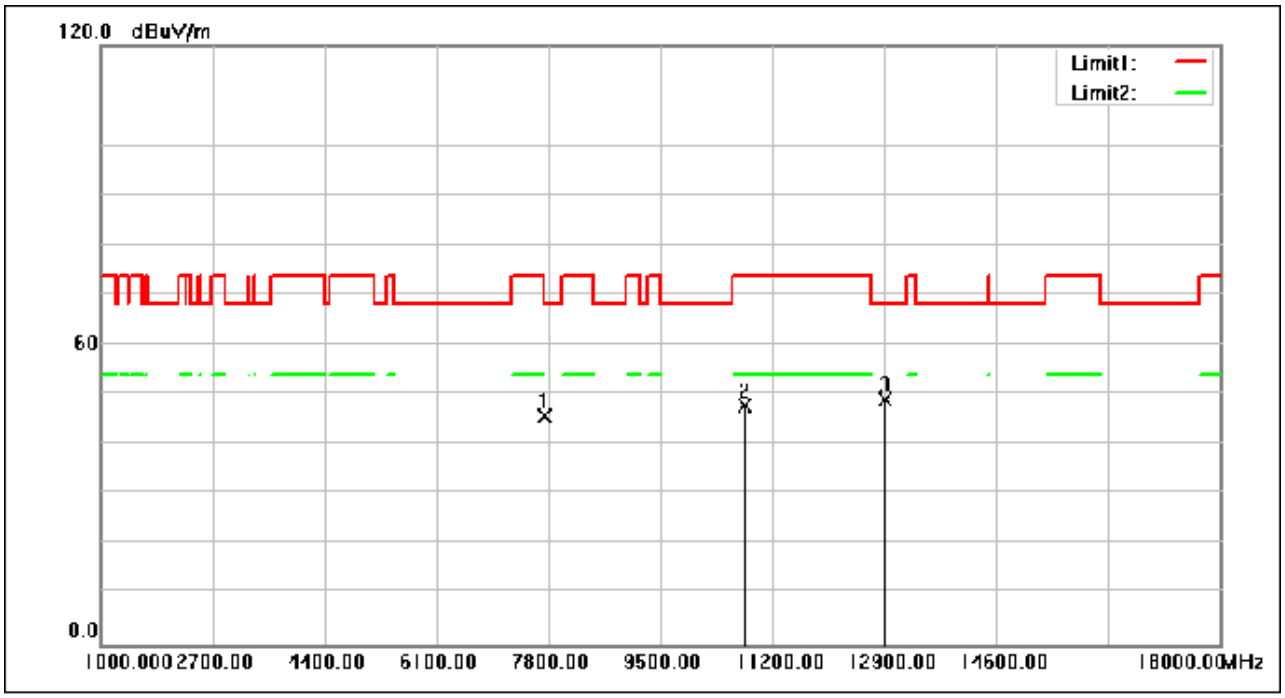
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7446.400	56.00	-11.33	44.67	74.00	-29.33	peak
2	9766.560	56.21	-7.45	48.76	68.30	-19.54	peak
3	11996.280	55.00	-5.89	49.11	74.00	-24.89	peak

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



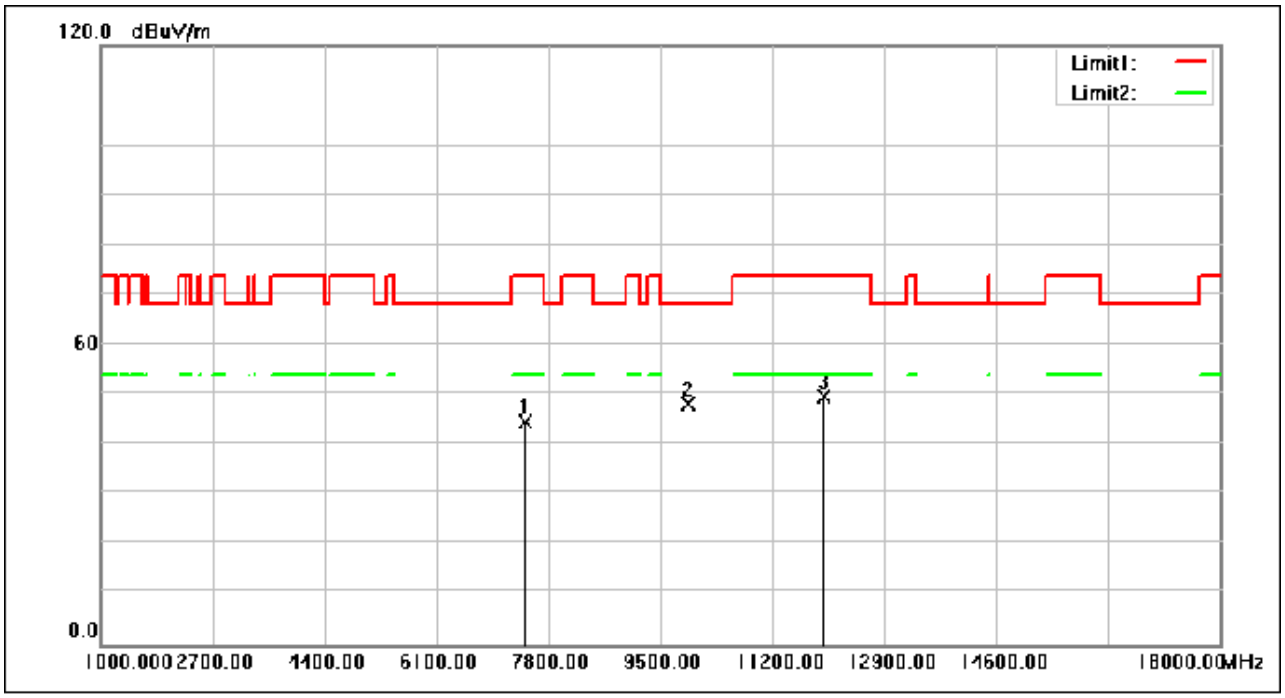
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7162.840	55.53	-11.49	44.04	68.30	-24.26	peak
2	9147.760	56.56	-8.61	47.95	74.00	-26.05	peak
3	12120.720	55.14	-5.94	49.20	74.00	-24.80	peak

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



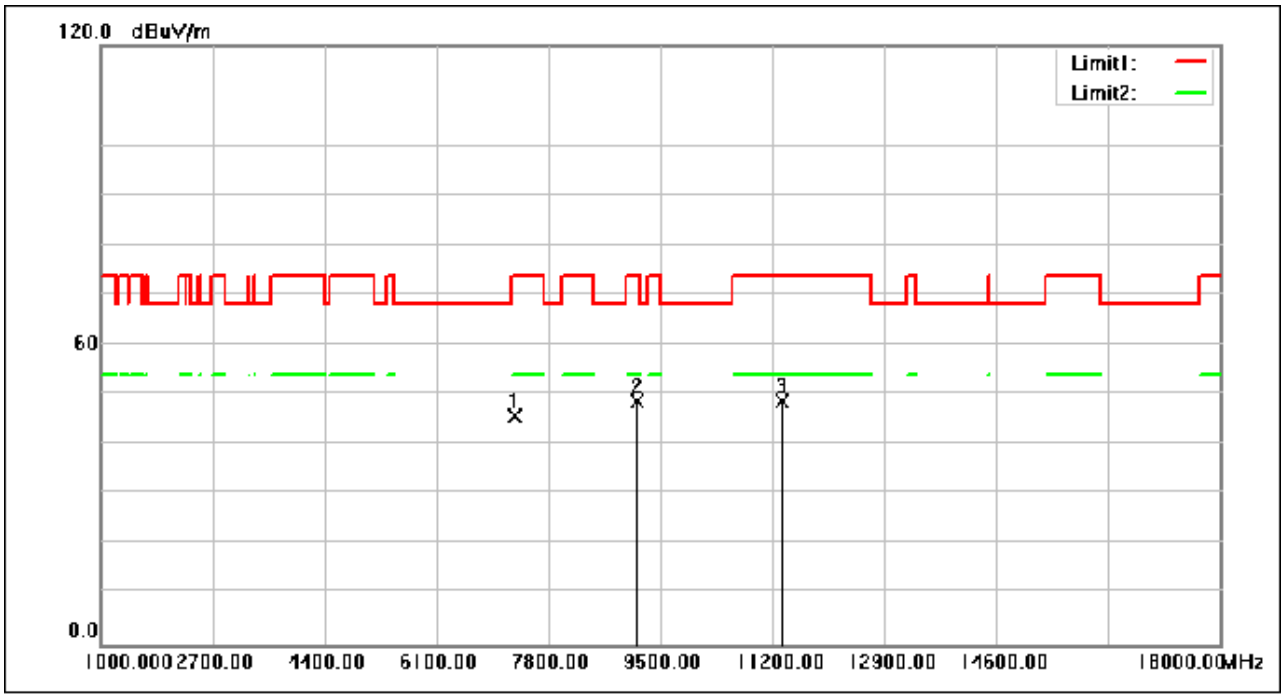
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7755.120	56.73	-10.92	45.81	68.30	-22.49	peak
2	10787.920	54.73	-6.87	47.86	74.00	-26.14	peak
3	12928.560	55.27	-6.31	48.96	68.30	-19.34	peak

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



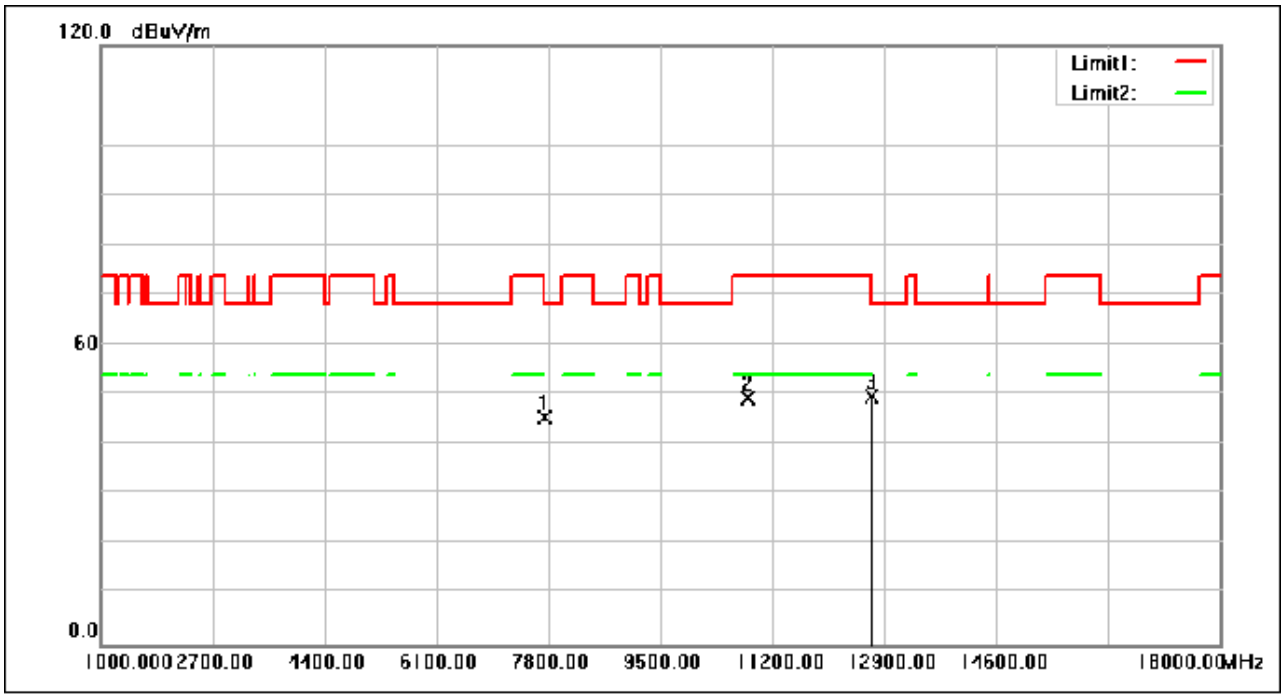
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7449.120	55.80	-11.33	44.47	74.00	-29.53	peak
2	9925.680	55.52	-7.31	48.21	68.30	-20.09	peak
3	11987.440	55.63	-5.91	49.72	74.00	-24.28	peak

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



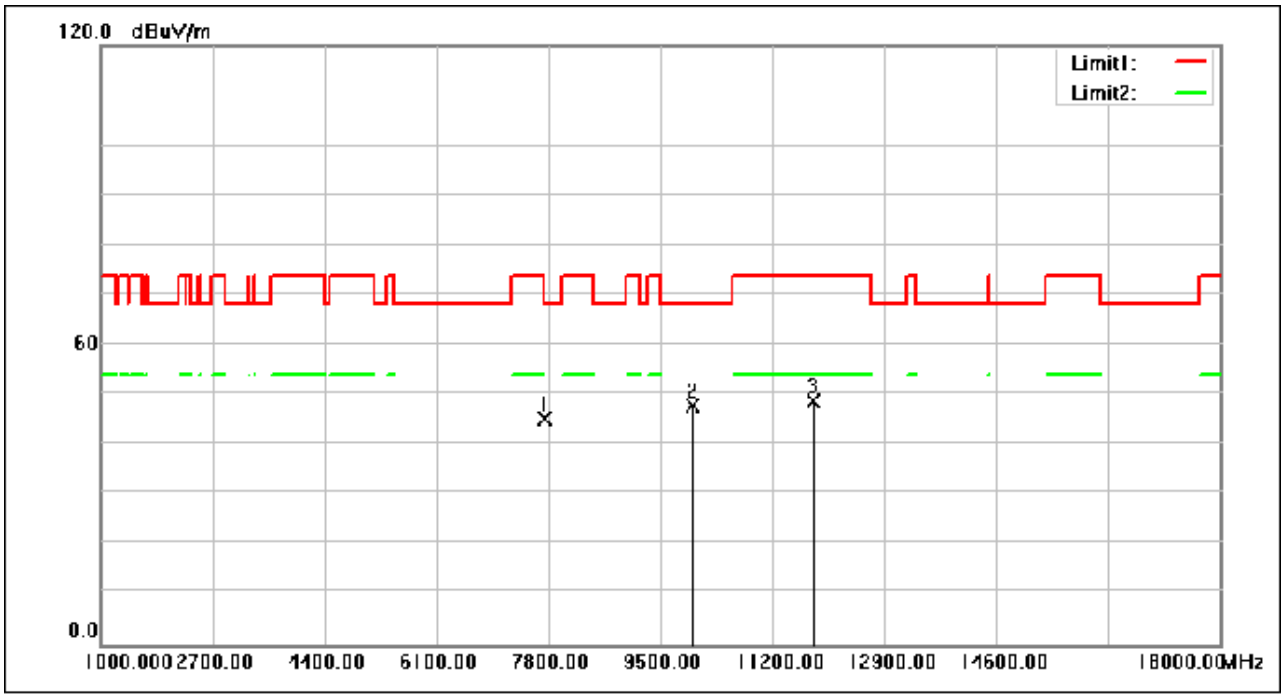
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7300.880	57.04	-11.43	45.61	74.00	-28.39	peak
2	9151.160	57.34	-8.62	48.72	74.00	-25.28	peak
3	11346.880	55.31	-6.48	48.83	74.00	-25.17	peak

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



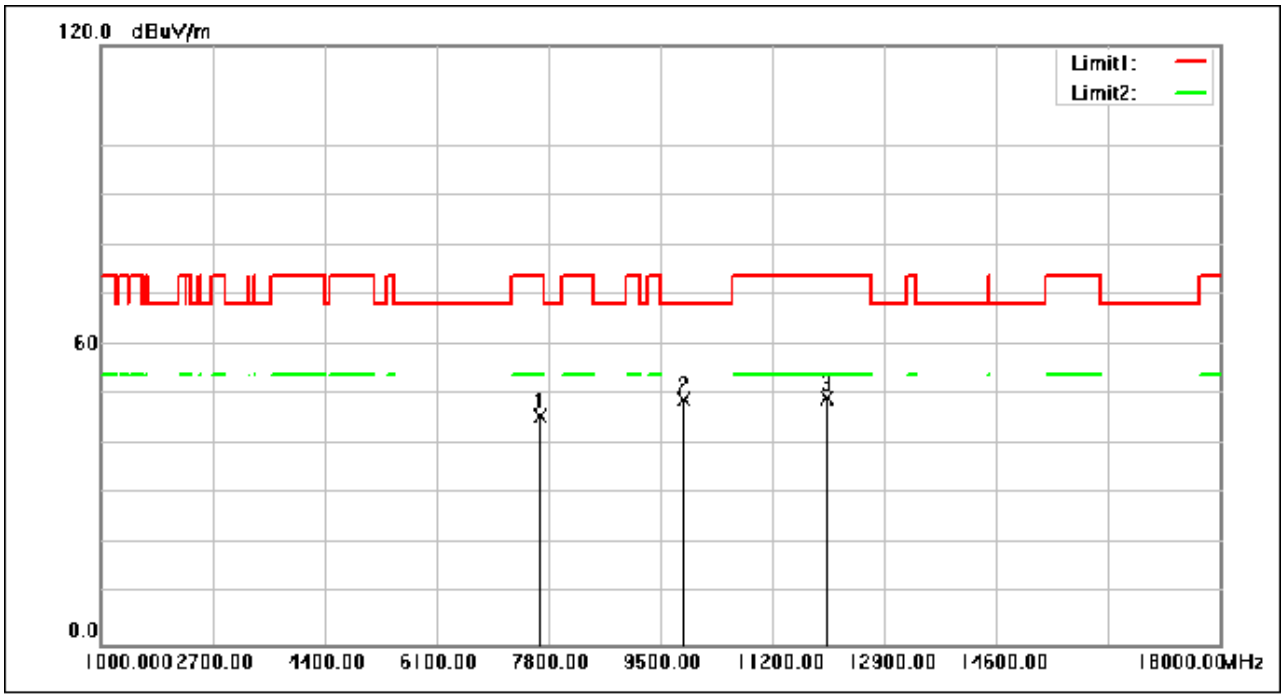
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7765.320	56.41	-10.91	45.50	68.30	-22.80	peak
2	10836.880	56.06	-6.84	49.22	74.00	-24.78	peak
3	12707.560	55.79	-6.21	49.58	68.30	-18.72	peak

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



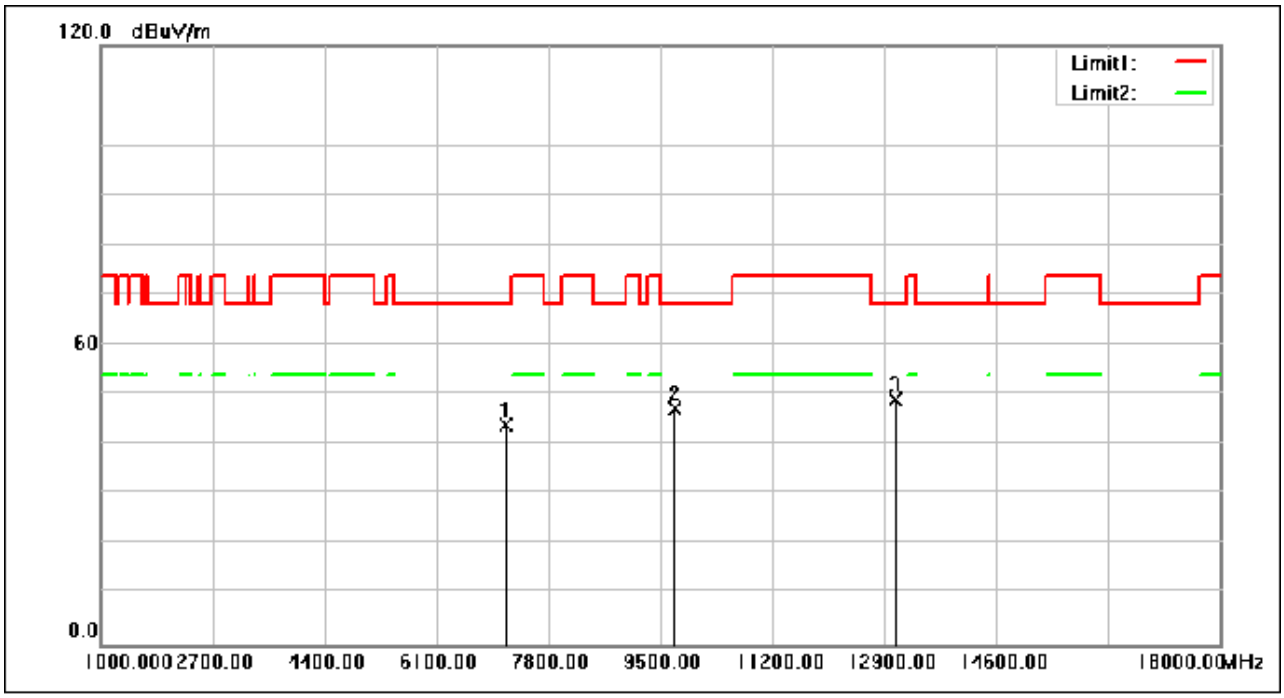
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7753.080	56.03	-10.93	45.10	68.30	-23.20	peak
2	9986.200	55.29	-7.33	47.96	68.30	-20.34	peak
3	11841.920	54.99	-6.09	48.90	74.00	-25.10	peak

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



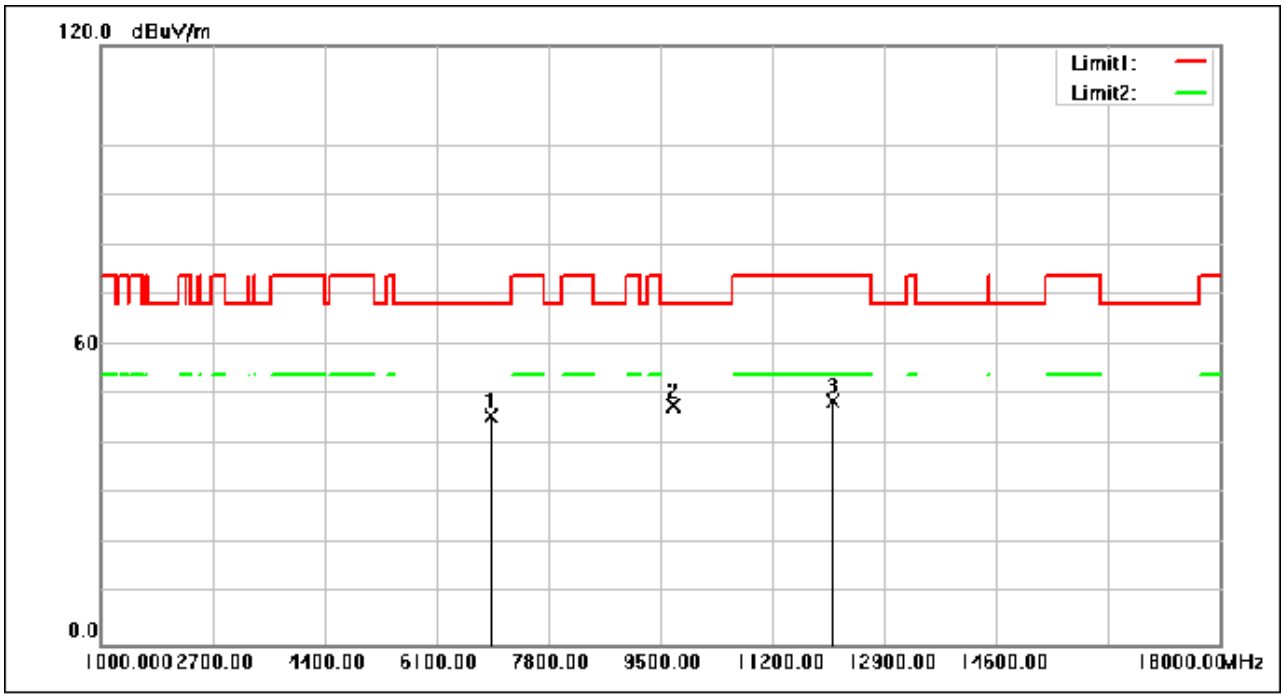
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7680.320	56.66	-11.03	45.63	74.00	-28.37	peak
2	9847.480	56.38	-7.29	49.09	68.30	-19.21	peak
3	12045.240	55.15	-5.91	49.24	74.00	-24.76	peak

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



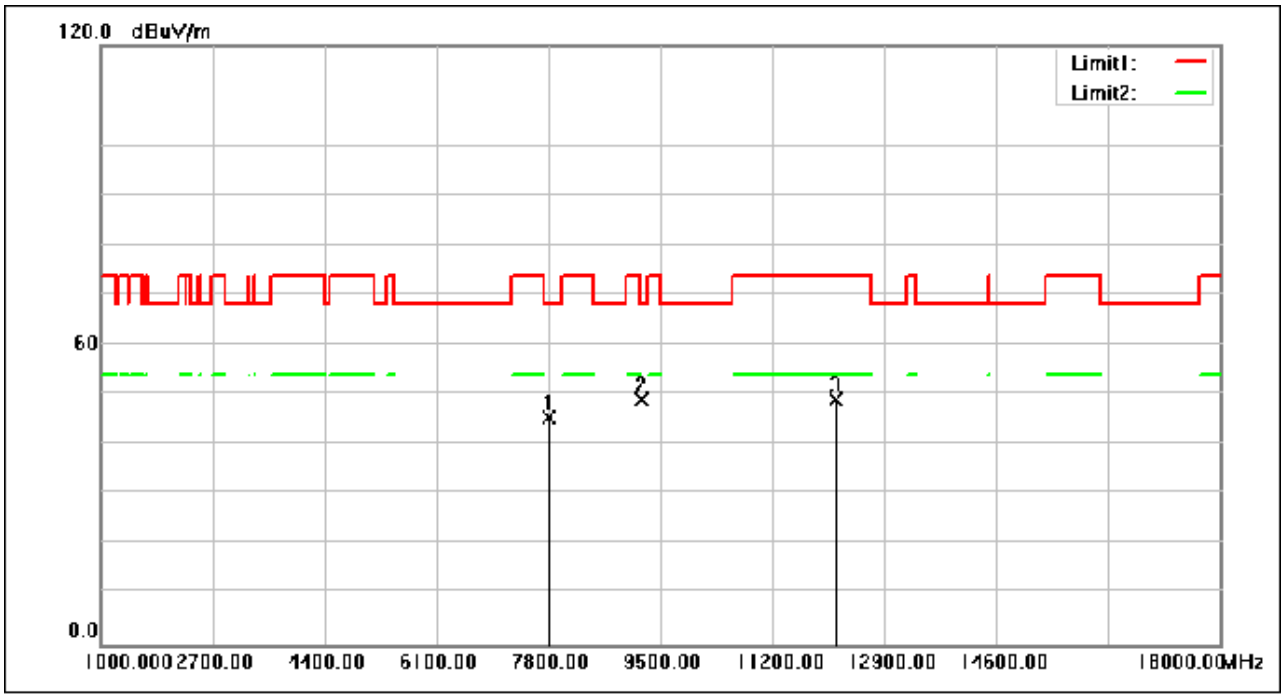
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7156.040	55.48	-11.50	43.98	68.30	-24.32	peak
2	9721.680	54.74	-7.53	47.21	68.30	-21.09	peak
3	13079.520	55.47	-6.29	49.18	68.30	-19.12	peak

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



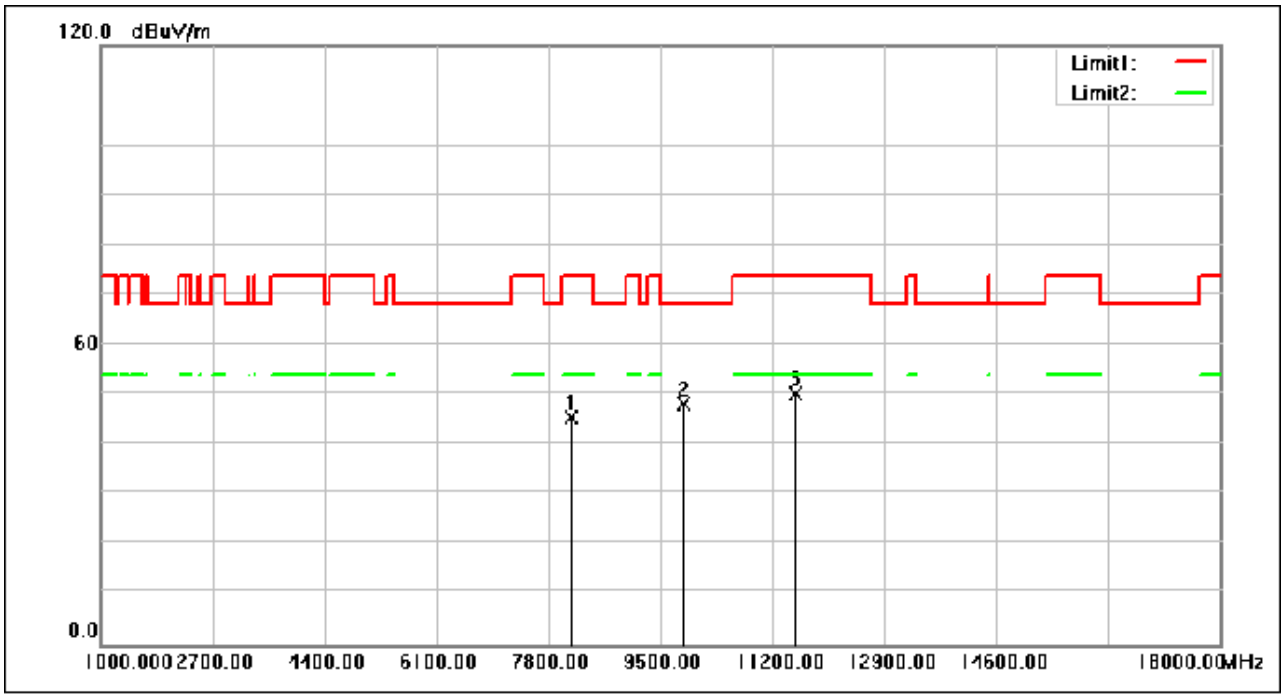
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6932.320	57.30	-11.68	45.62	68.30	-22.68	peak
2	9695.160	55.48	-7.59	47.89	68.30	-20.41	peak
3	12128.880	54.75	-5.94	48.81	74.00	-25.19	peak

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



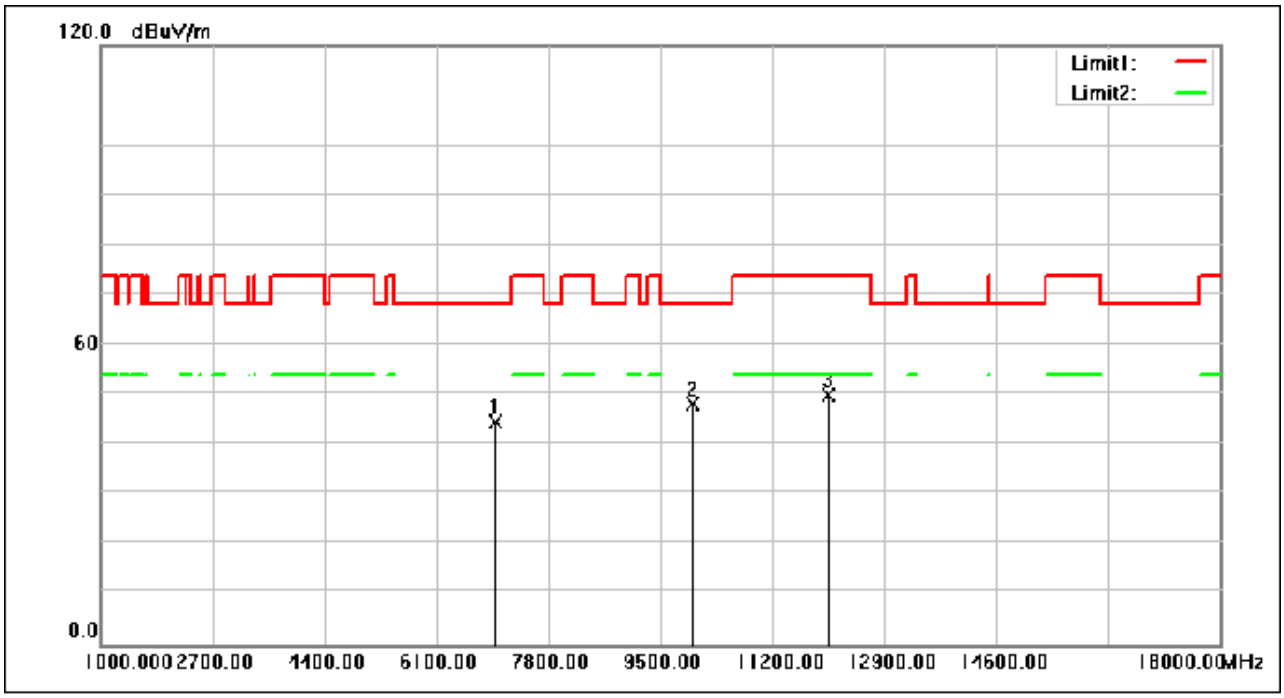
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7831.960	56.16	-10.83	45.33	68.30	-22.97	peak
2	9221.200	57.39	-8.48	48.91	68.30	-19.39	peak
3	12152.680	54.97	-5.96	49.01	74.00	-24.99	peak

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



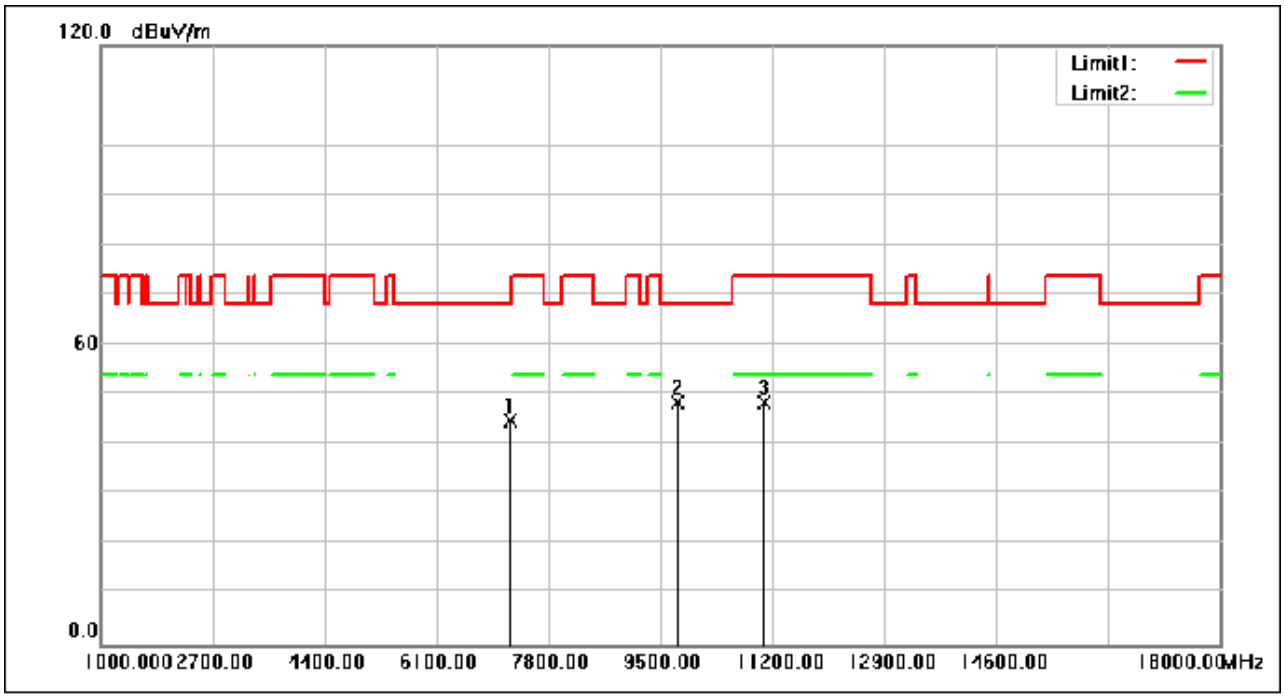
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8142.040	55.81	-10.35	45.46	74.00	-28.54	peak
2	9843.400	55.52	-7.30	48.22	68.30	-20.08	peak
3	11544.760	56.56	-6.33	50.23	74.00	-23.77	peak

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



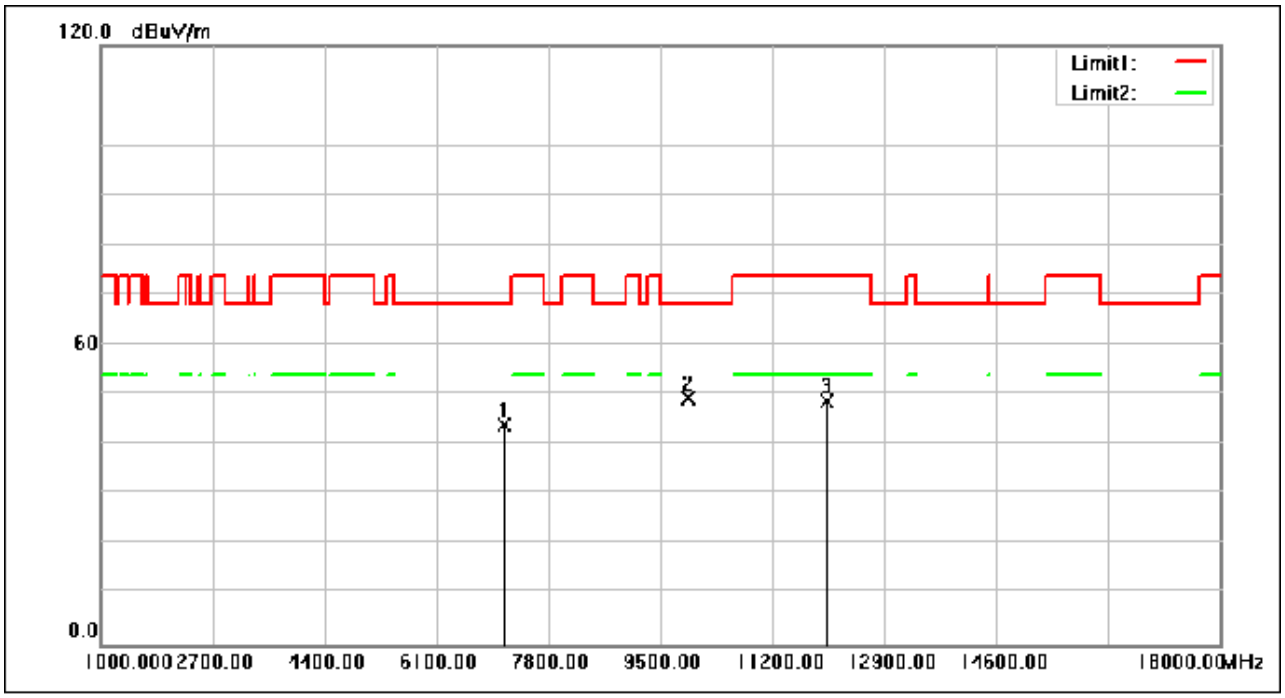
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7005.080	56.07	-11.56	44.51	68.30	-23.79	peak
2	9984.840	55.35	-7.33	48.02	68.30	-20.28	peak
3	12054.080	55.81	-5.91	49.90	74.00	-24.10	peak

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



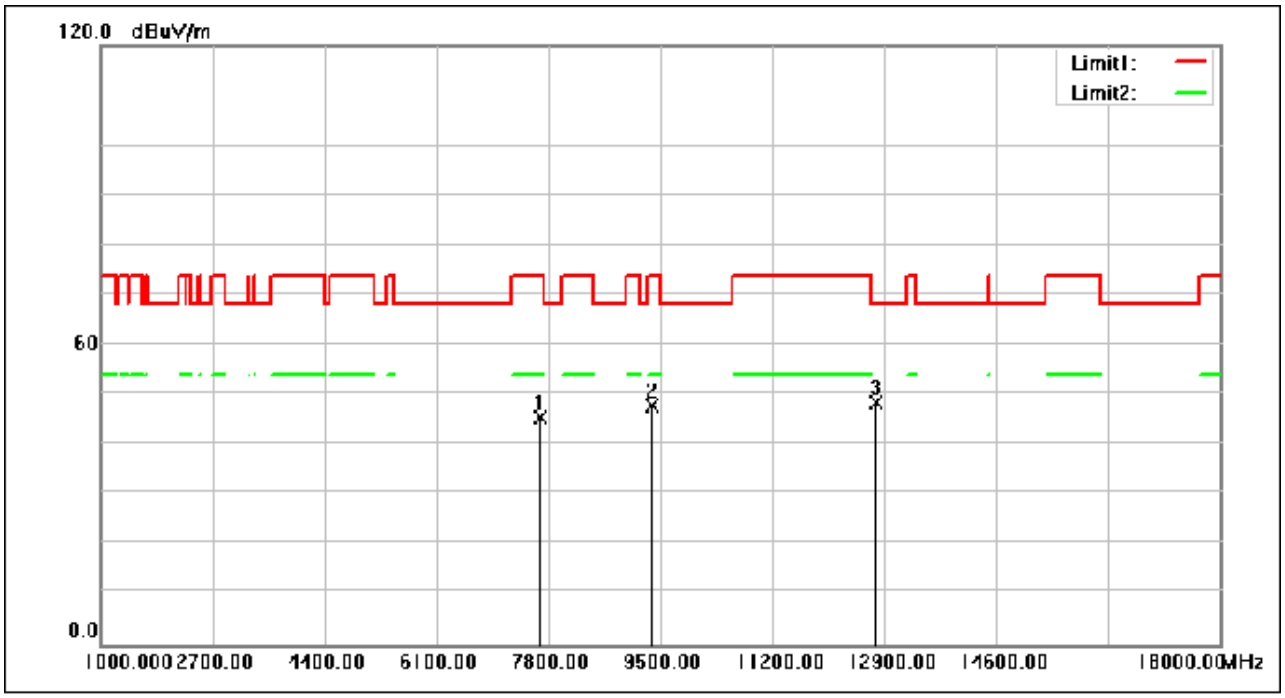
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7222.680	56.16	-11.46	44.70	68.30	-23.60	peak
2	9769.960	56.03	-7.45	48.58	68.30	-19.72	peak
3	11068.080	55.22	-6.71	48.51	74.00	-25.49	peak

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



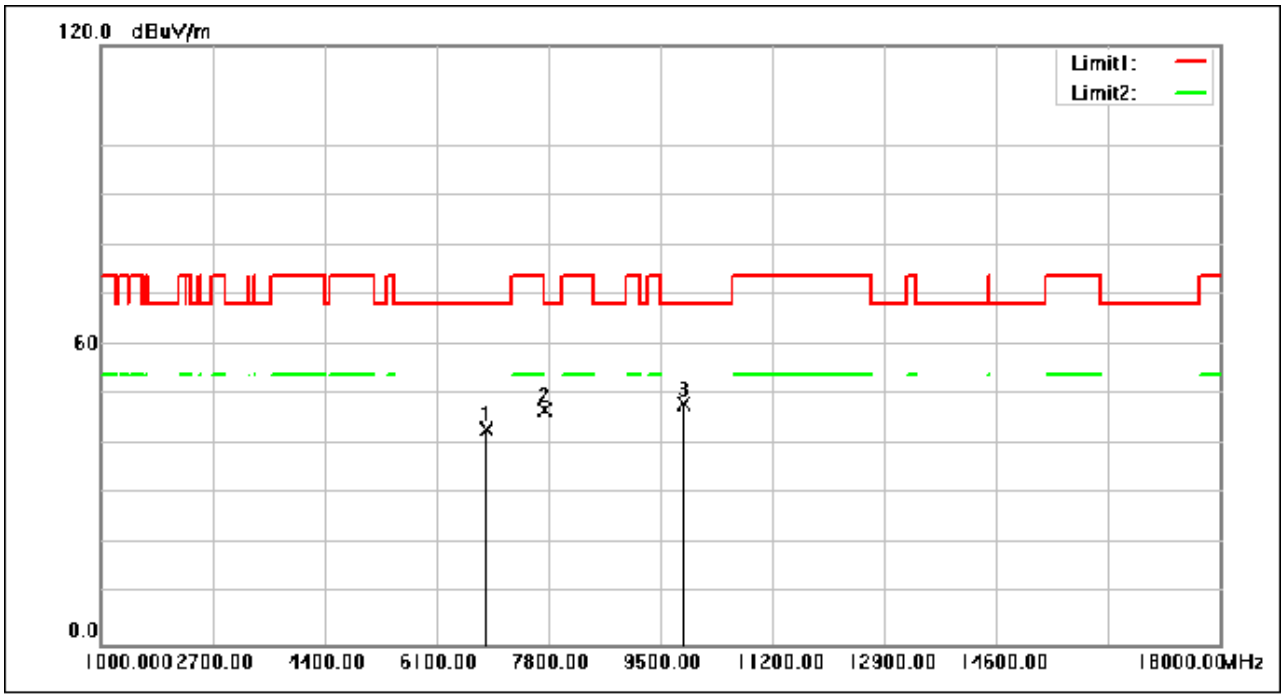
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7149.240	55.37	-11.50	43.87	68.30	-24.43	peak
2	9911.400	56.80	-7.31	49.49	68.30	-18.81	peak
3	12041.840	54.60	-5.91	48.69	74.00	-25.31	peak

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



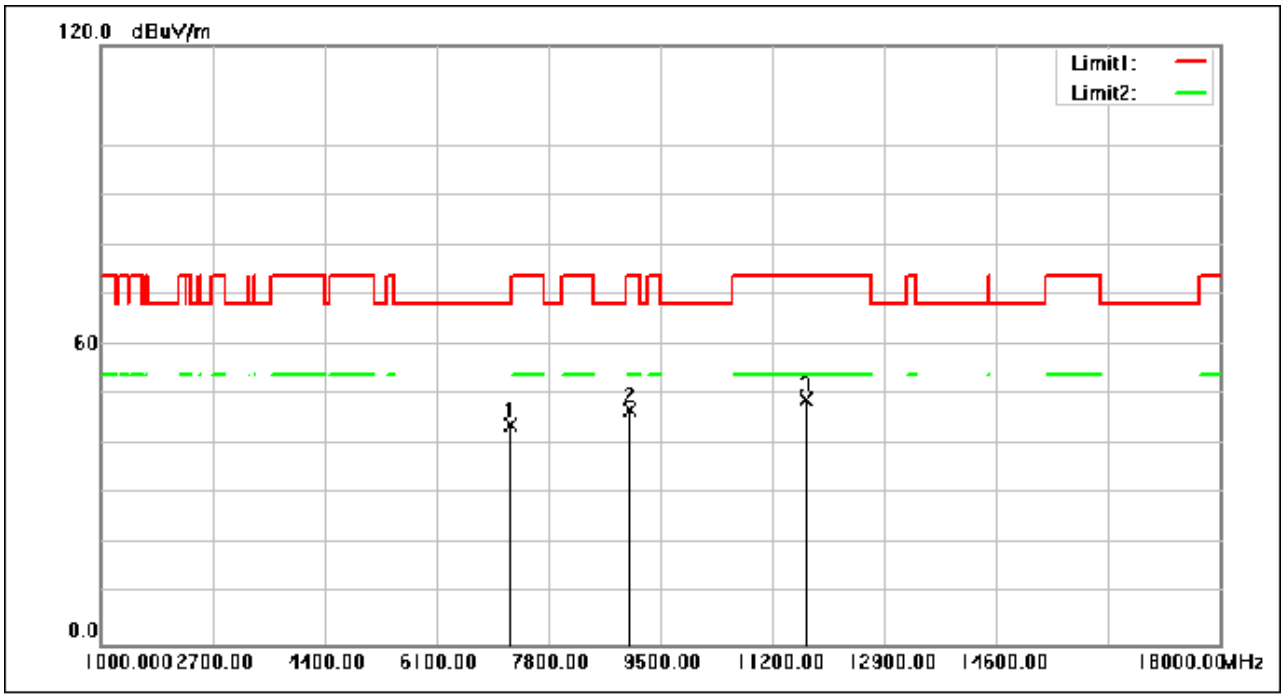
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7682.360	56.57	-11.02	45.55	74.00	-28.45	peak
2	9387.120	56.14	-8.17	47.97	74.00	-26.03	peak
3	12767.400	54.73	-6.23	48.50	68.30	-19.80	peak

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



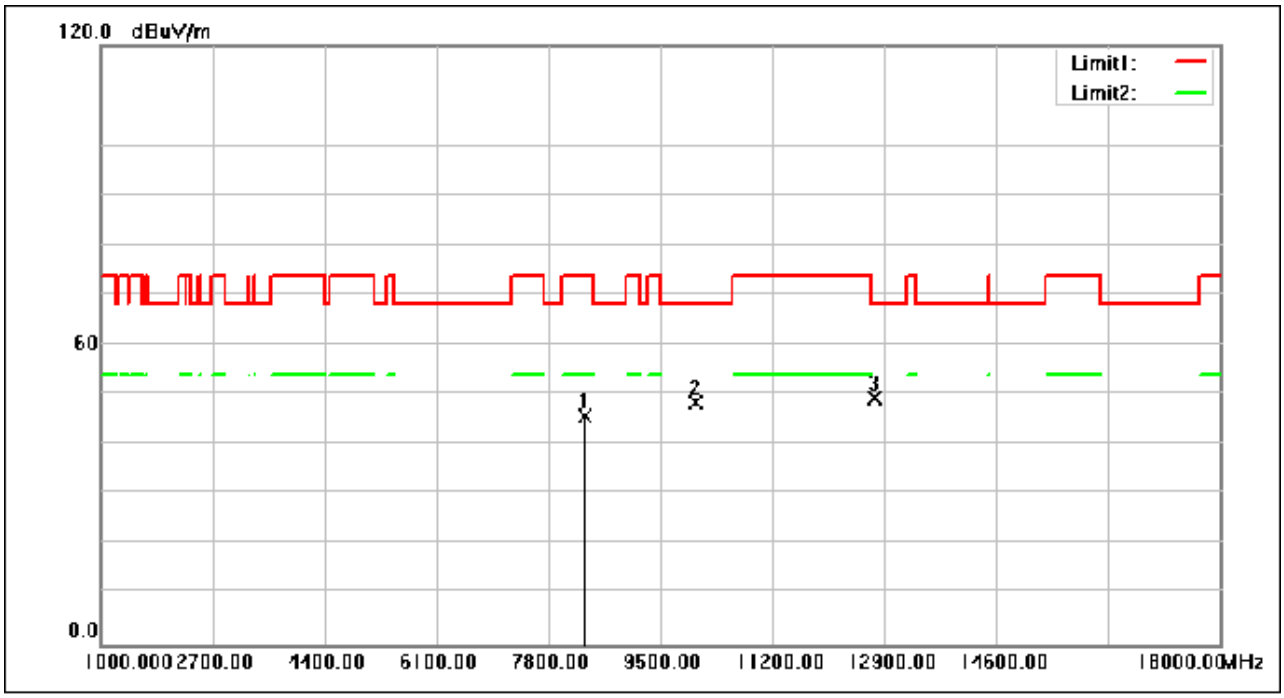
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6855.480	54.76	-11.82	42.94	68.30	-25.36	peak
2	7752.400	58.02	-10.93	47.09	68.30	-21.21	peak
3	9863.800	55.37	-7.30	48.07	68.30	-20.23	peak

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



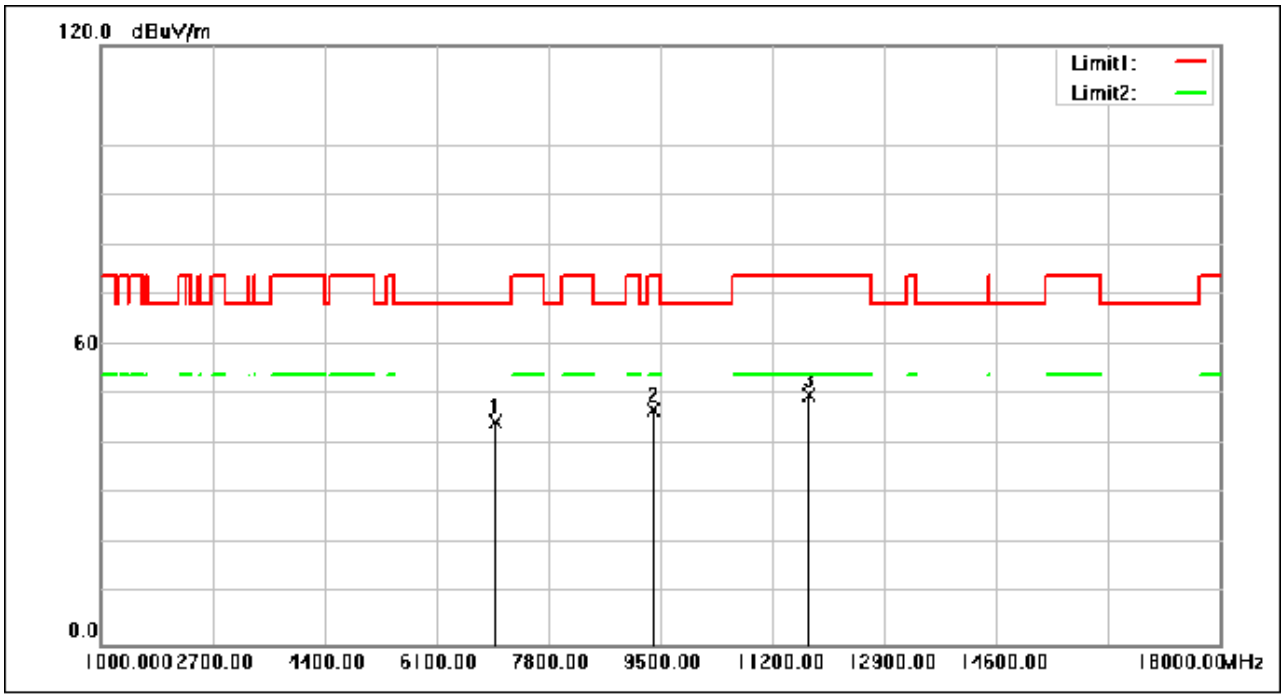
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7226.760	55.40	-11.47	43.93	68.30	-24.37	peak
2	9047.120	55.76	-8.80	46.96	74.00	-27.04	peak
3	11713.400	55.17	-6.19	48.98	74.00	-25.02	peak

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



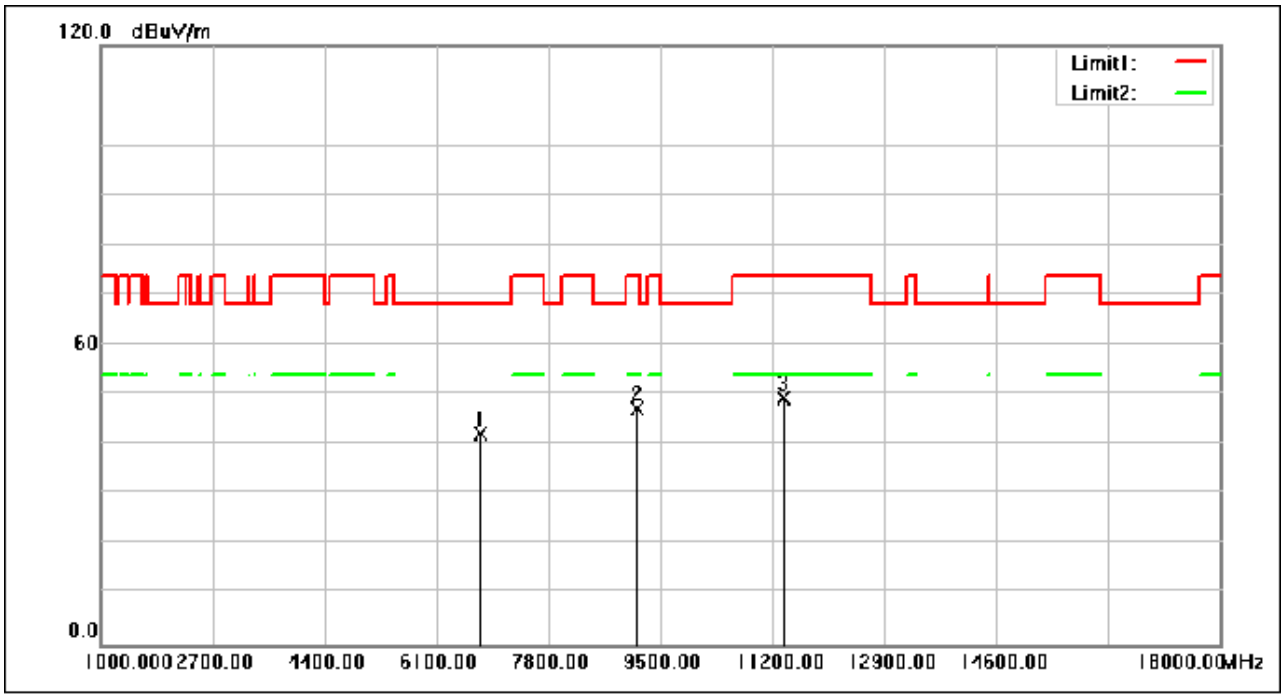
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8371.880	55.79	-9.97	45.82	74.00	-28.18	peak
2	10036.520	55.88	-7.30	48.58	68.30	-19.72	peak
3	12749.040	55.46	-6.22	49.24	68.30	-19.06	peak

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



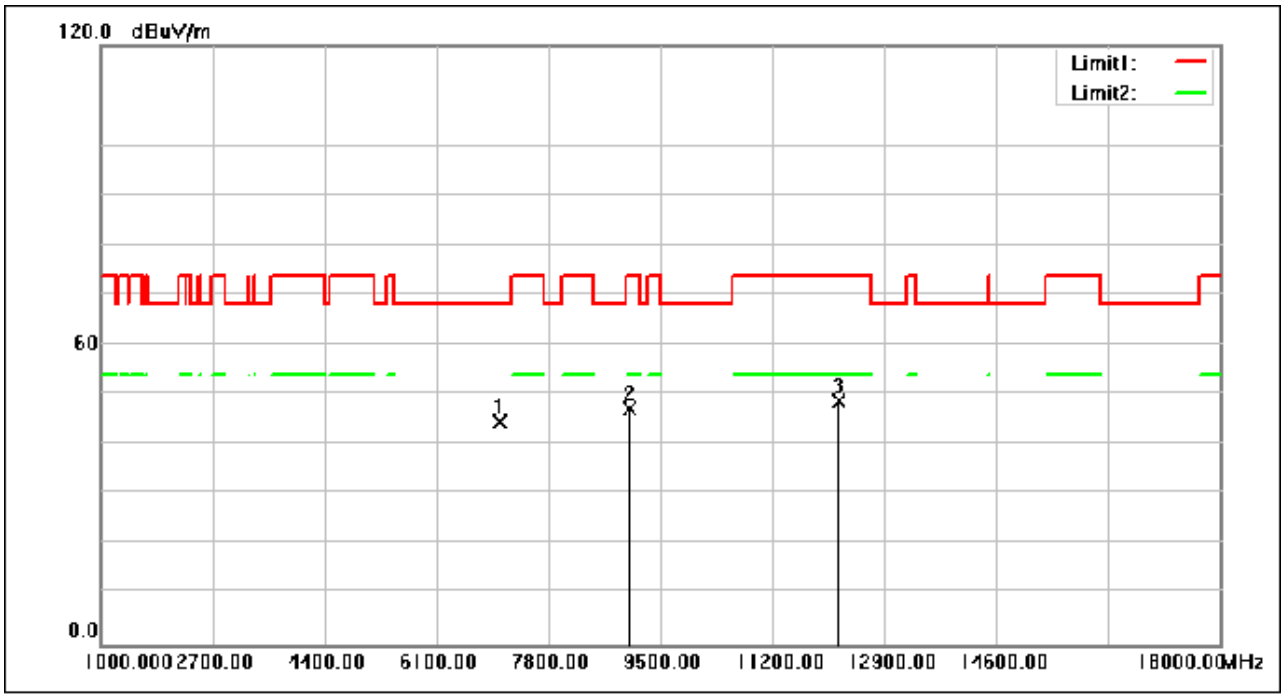
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7002.360	56.09	-11.56	44.53	68.30	-23.77	peak
2	9400.720	55.23	-8.14	47.09	74.00	-26.91	peak
3	11751.480	56.00	-6.16	49.84	74.00	-24.16	peak

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



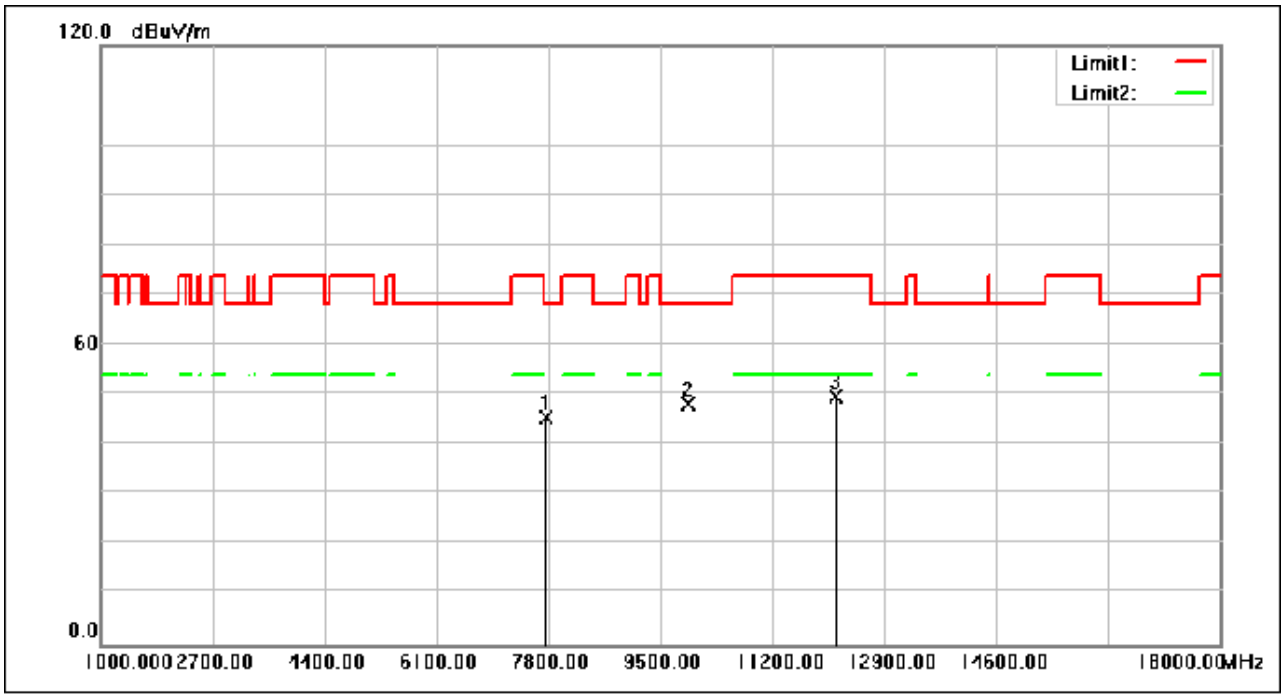
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6768.840	54.04	-11.96	42.08	68.30	-26.22	peak
2	9145.040	55.73	-8.62	47.11	74.00	-26.89	peak
3	11380.200	55.70	-6.46	49.24	74.00	-24.76	peak

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



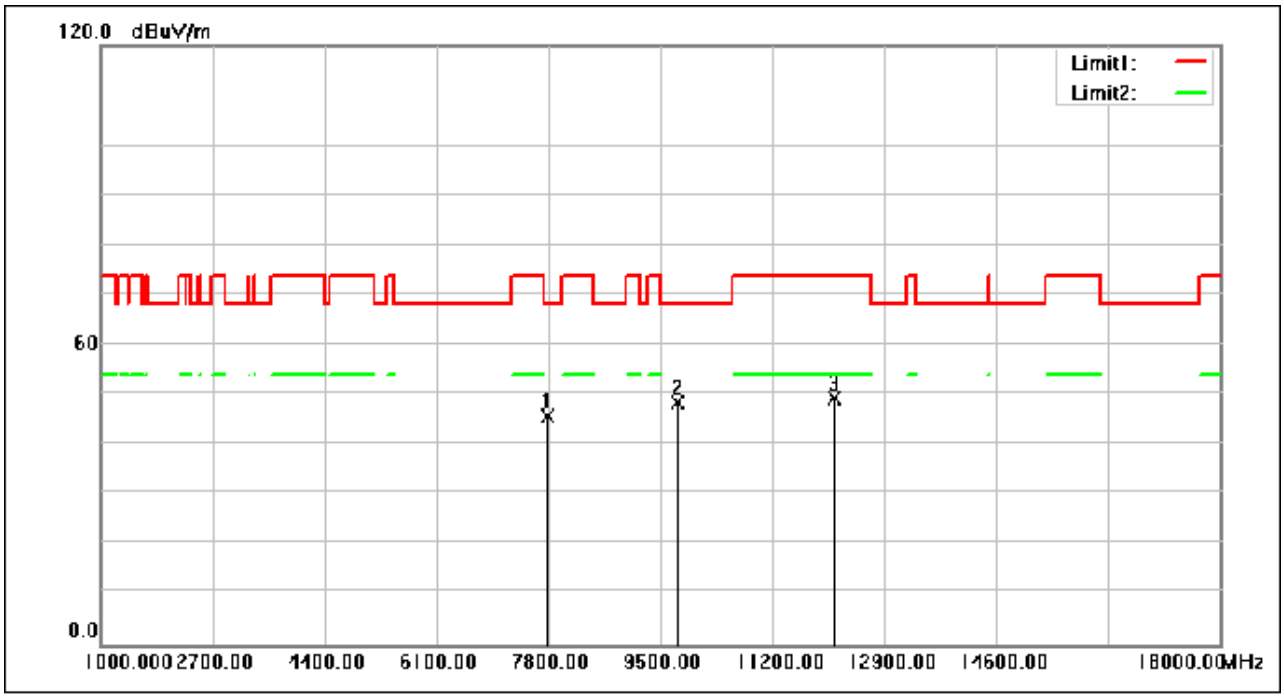
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7074.440	56.18	-11.53	44.65	68.30	-23.65	peak
2	9051.200	56.09	-8.81	47.28	74.00	-26.72	peak
3	12204.360	54.78	-5.98	48.80	74.00	-25.20	peak

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



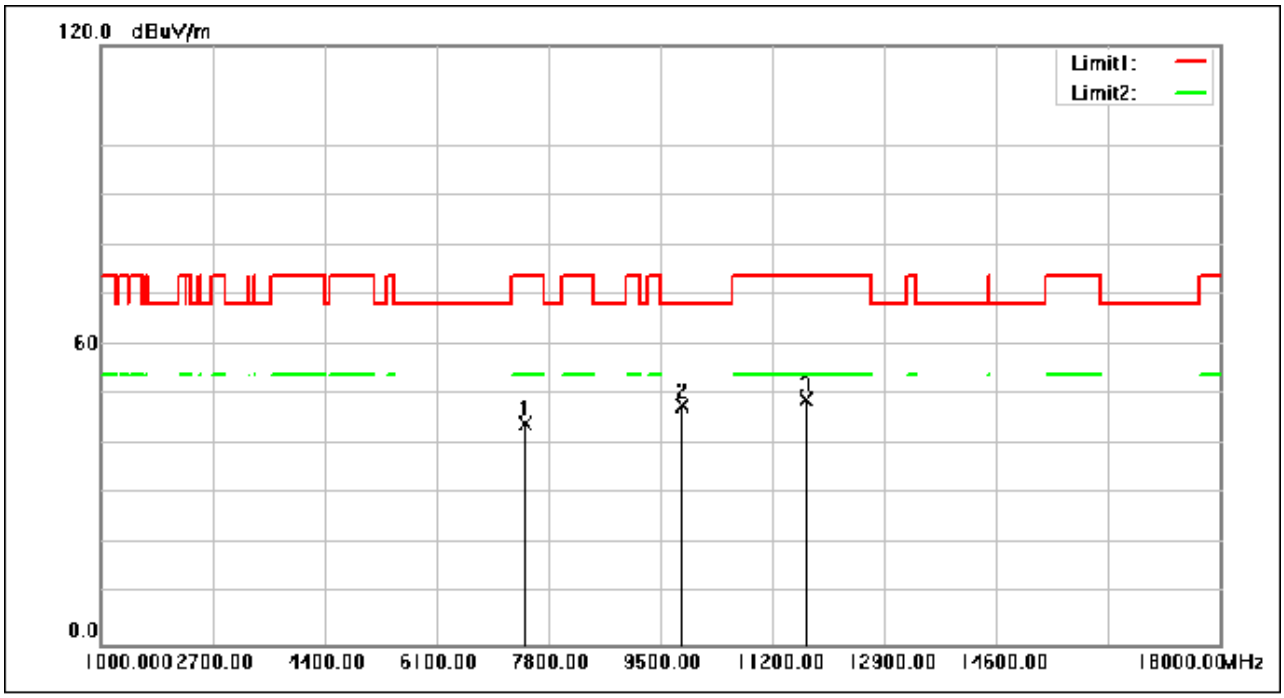
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7770.080	56.41	-10.90	45.51	68.30	-22.79	peak
2	9931.800	55.36	-7.31	48.05	68.30	-20.25	peak
3	12173.080	55.53	-5.97	49.56	74.00	-24.44	peak

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



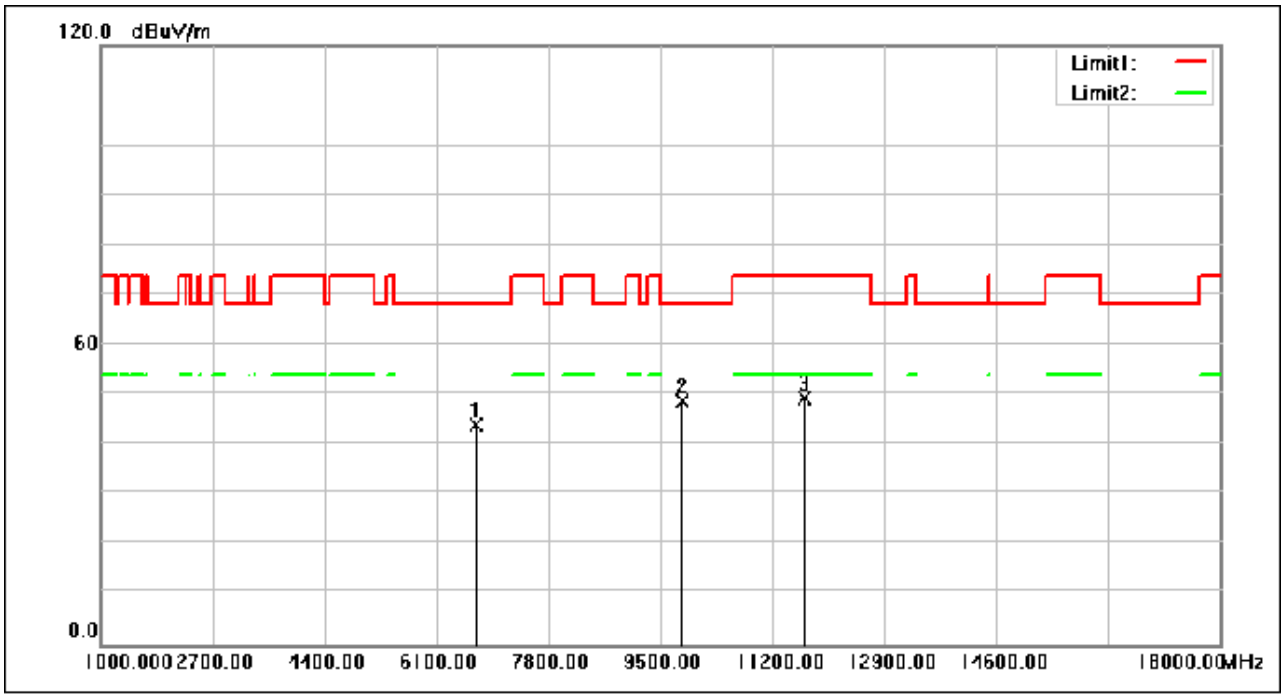
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7784.360	56.60	-10.89	45.71	68.30	-22.59	peak
2	9768.600	56.00	-7.45	48.55	68.30	-19.75	peak
3	12146.560	55.29	-5.95	49.34	74.00	-24.66	peak

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



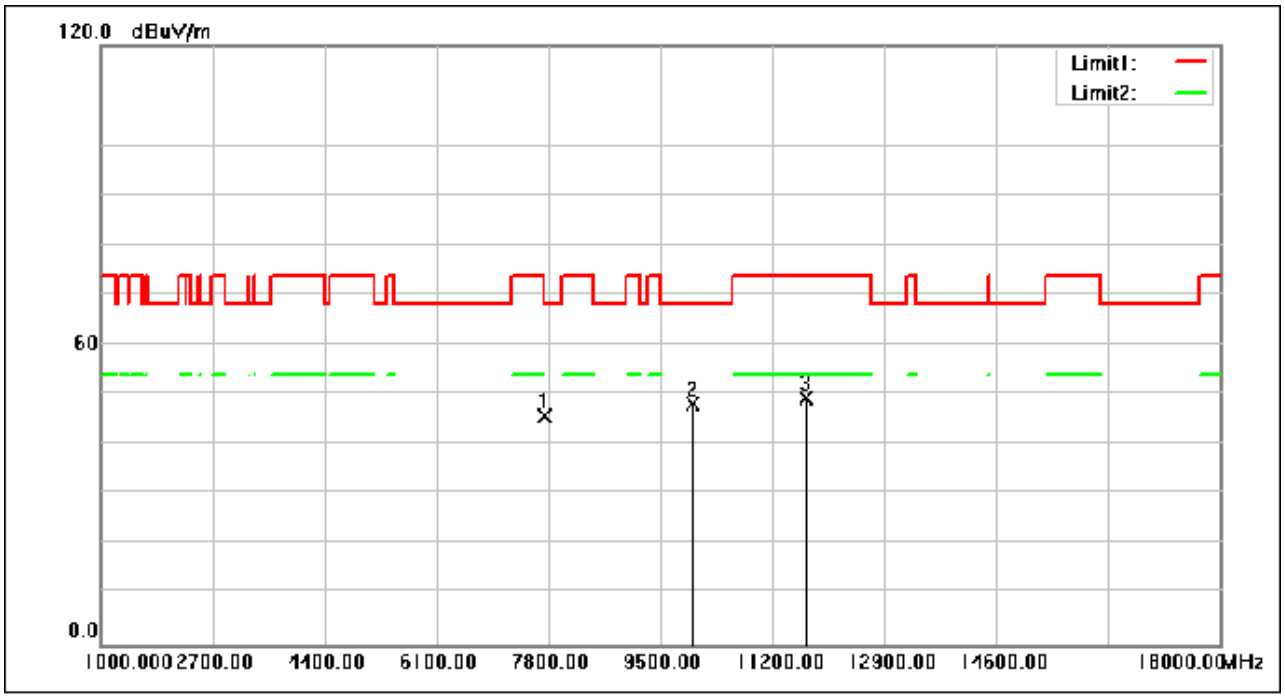
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7451.840	55.60	-11.32	44.28	74.00	-29.72	peak
2	9828.440	55.25	-7.33	47.92	68.30	-20.38	peak
3	11713.400	55.10	-6.19	48.91	74.00	-25.09	peak

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



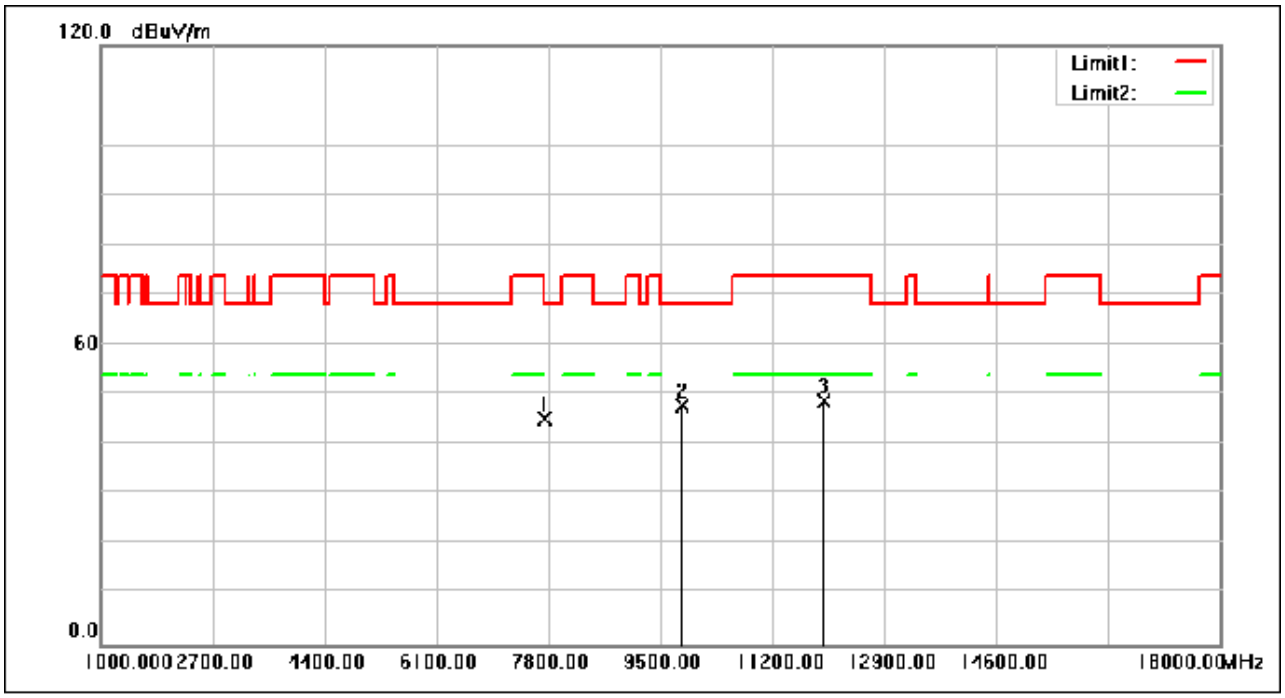
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6696.360	56.07	-12.20	43.87	68.30	-24.43	peak
2	9827.080	56.02	-7.33	48.69	68.30	-19.61	peak
3	11690.280	55.54	-6.21	49.33	74.00	-24.67	peak

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



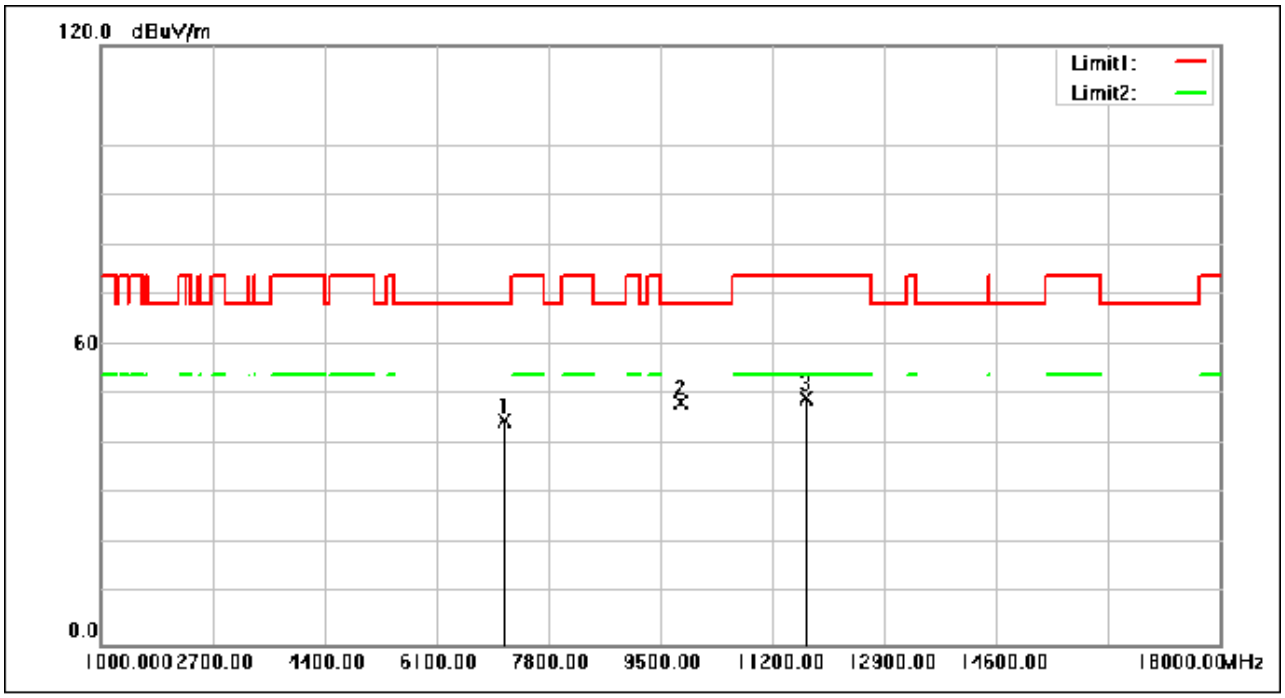
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7747.640	56.65	-10.93	45.72	74.00	-28.28	peak
2	9979.400	55.56	-7.33	48.23	68.30	-20.07	peak
3	11710.680	55.57	-6.19	49.38	74.00	-24.62	peak

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



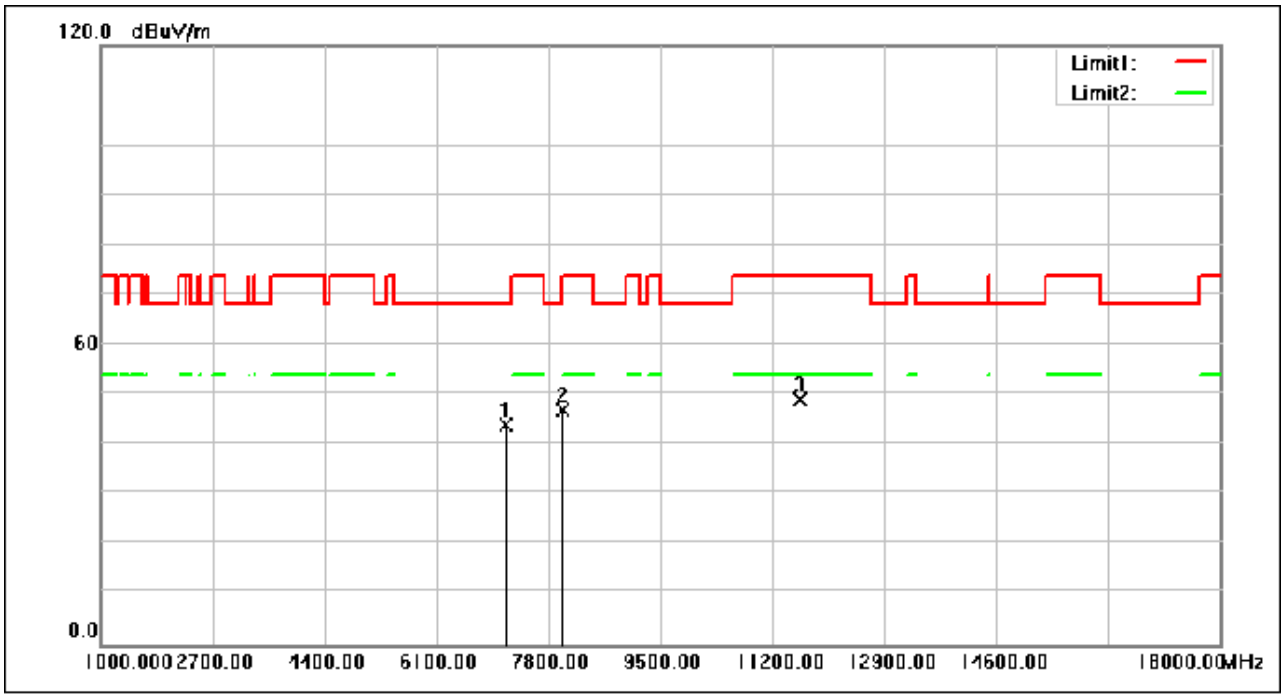
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7746.280	56.24	-10.94	45.30	74.00	-28.70	peak
2	9833.200	55.05	-7.32	47.73	68.30	-20.57	peak
3	11994.920	54.52	-5.90	48.62	74.00	-25.38	peak

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



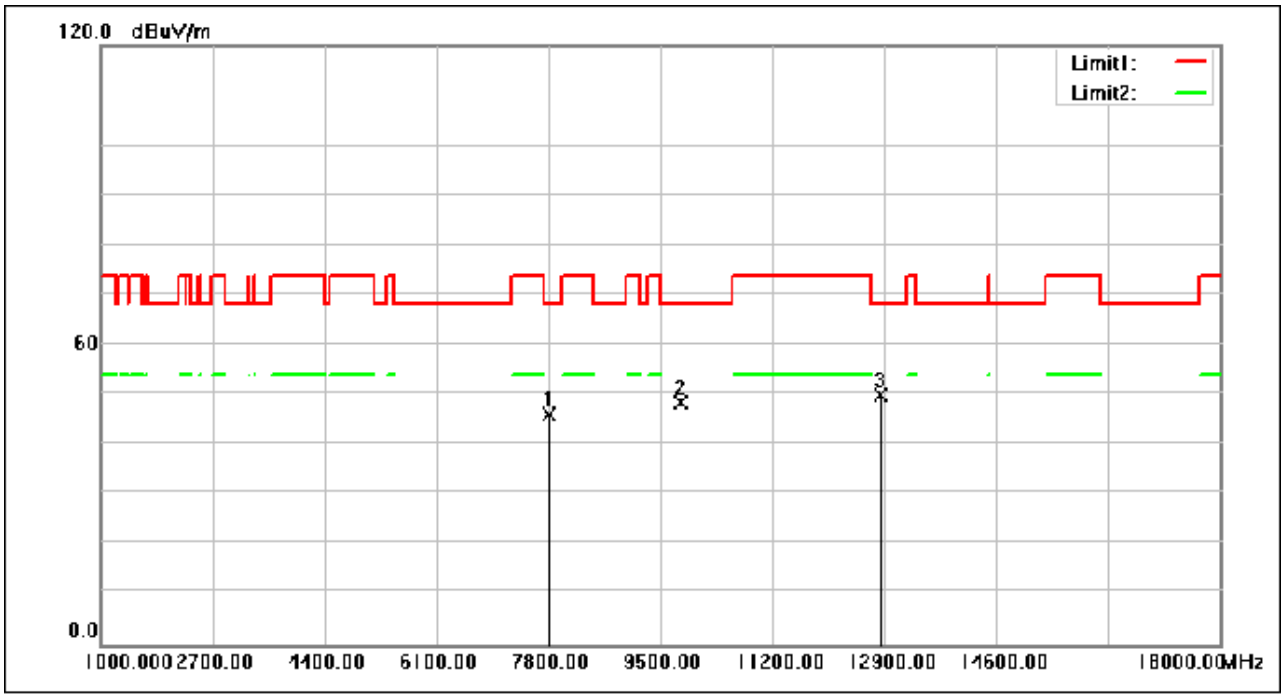
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7152.640	56.47	-11.50	44.97	68.30	-23.33	peak
2	9814.160	55.68	-7.36	48.32	68.30	-19.98	peak
3	11714.080	55.49	-6.19	49.30	74.00	-24.70	peak

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



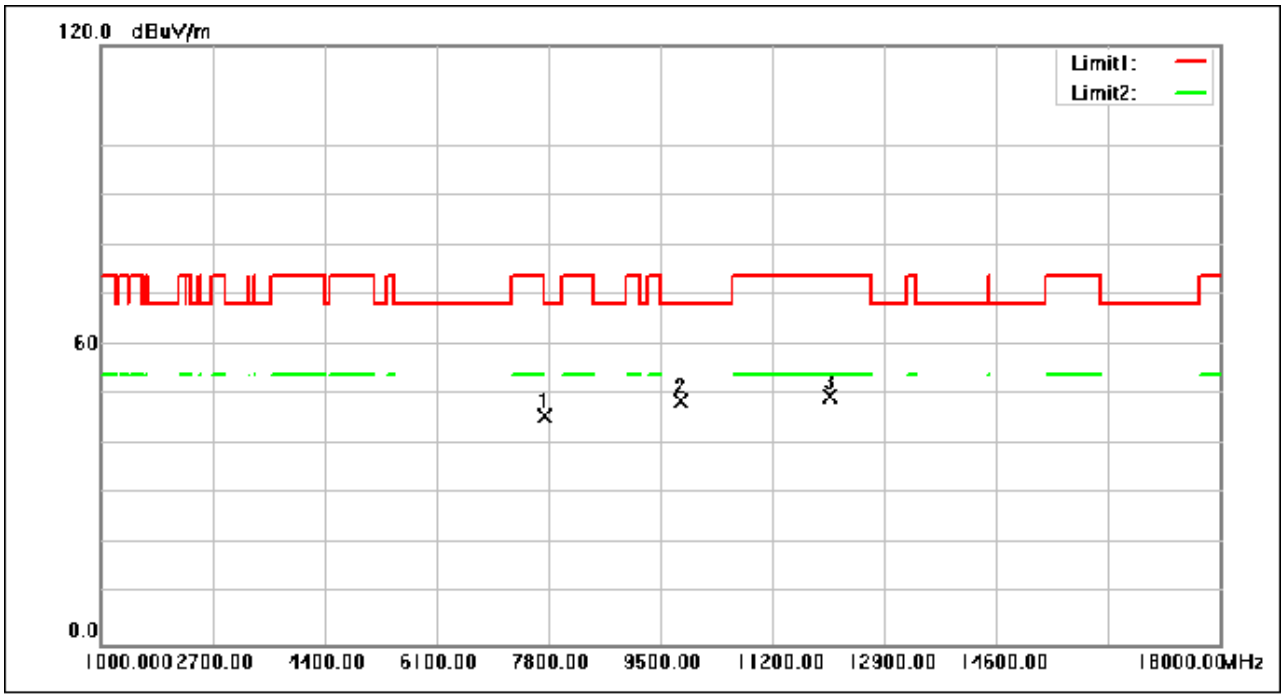
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7157.400	55.44	-11.50	43.94	68.30	-24.36	peak
2	8022.360	57.40	-10.56	46.84	68.30	-21.46	peak
3	11624.320	55.36	-6.26	49.10	74.00	-24.90	peak

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



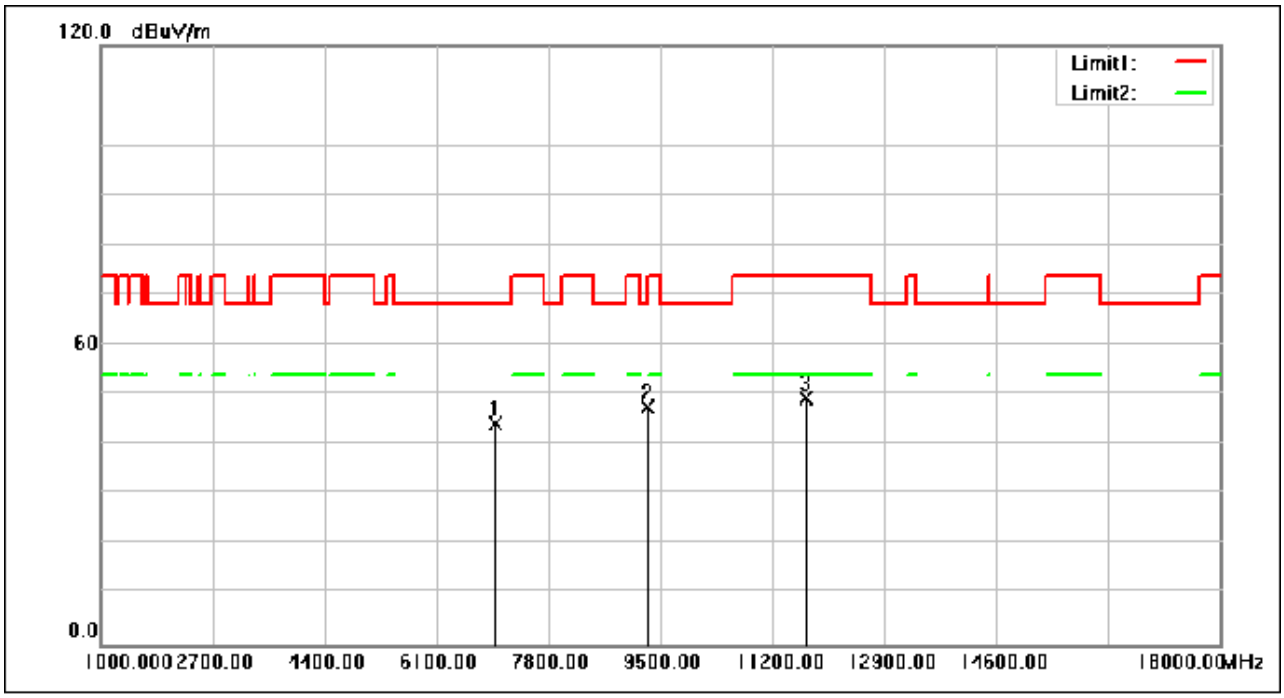
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7832.640	56.80	-10.83	45.97	68.30	-22.33	peak
2	9821.640	55.88	-7.34	48.54	68.30	-19.76	peak
3	12842.880	56.11	-6.27	49.84	68.30	-18.46	peak

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



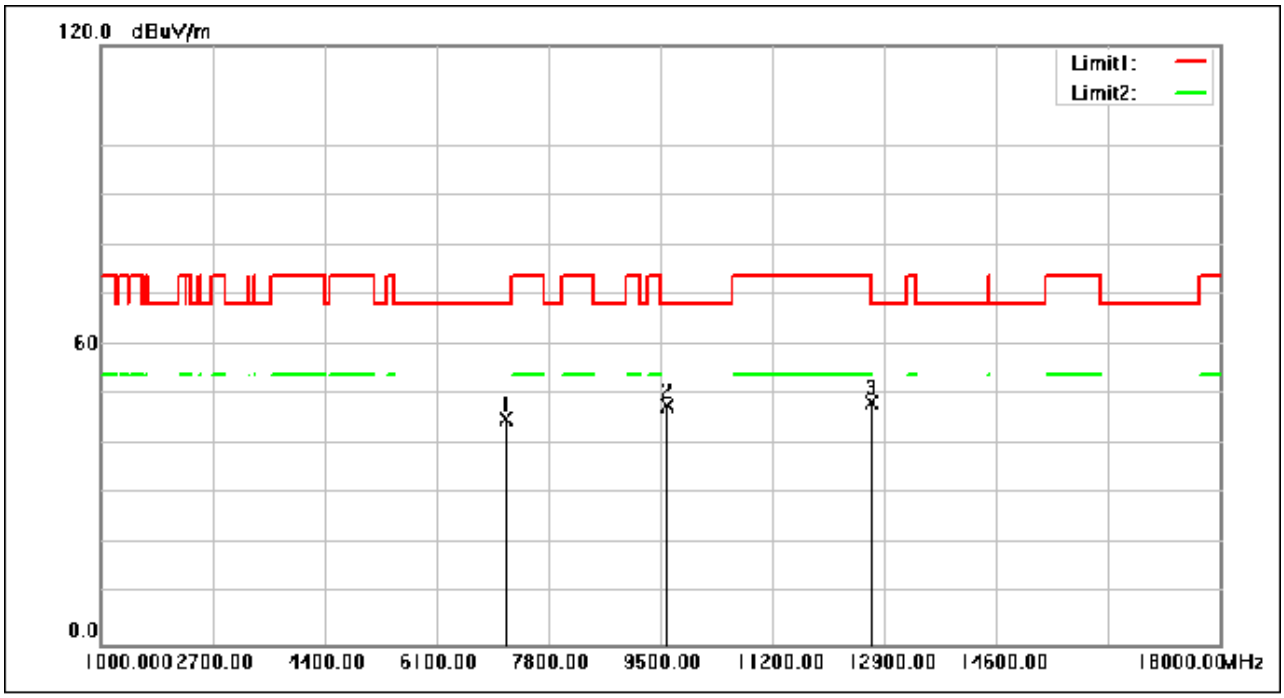
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7736.080	56.84	-10.95	45.89	74.00	-28.11	peak
2	9810.760	56.09	-7.37	48.72	68.30	-19.58	peak
3	12070.400	55.50	-5.92	49.58	74.00	-24.42	peak

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



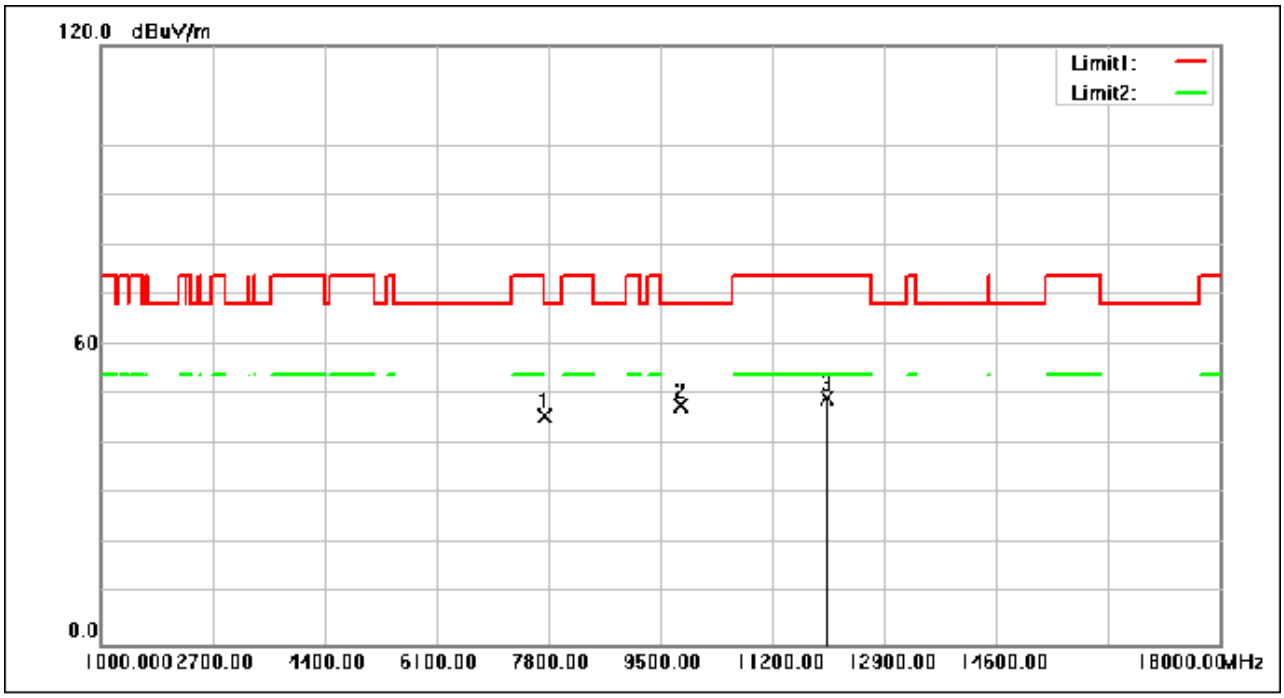
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7003.040	55.92	-11.56	44.36	68.30	-23.94	peak
2	9303.480	55.93	-8.32	47.61	74.00	-26.39	peak
3	11718.160	55.52	-6.18	49.34	74.00	-24.66	peak

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



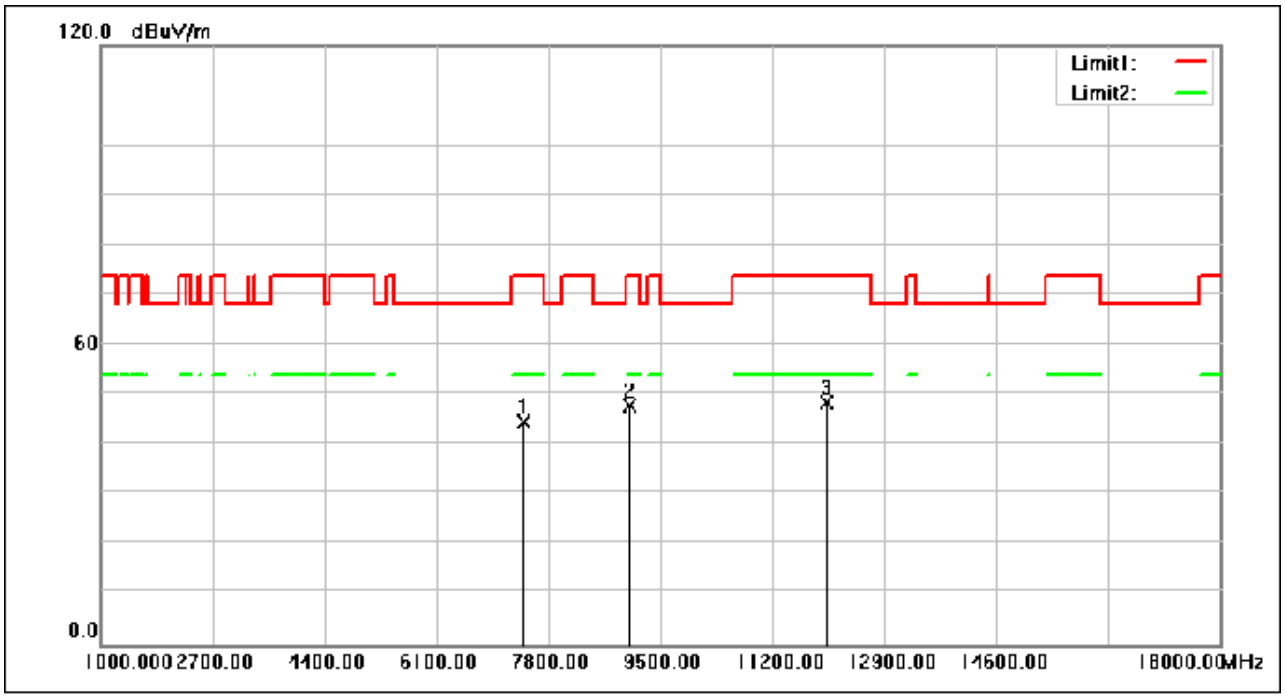
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7154.680	56.75	-11.50	45.25	68.30	-23.05	peak
2	9612.880	55.63	-7.74	47.89	68.30	-20.41	peak
3	12719.120	54.59	-6.21	48.38	68.30	-19.92	peak

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



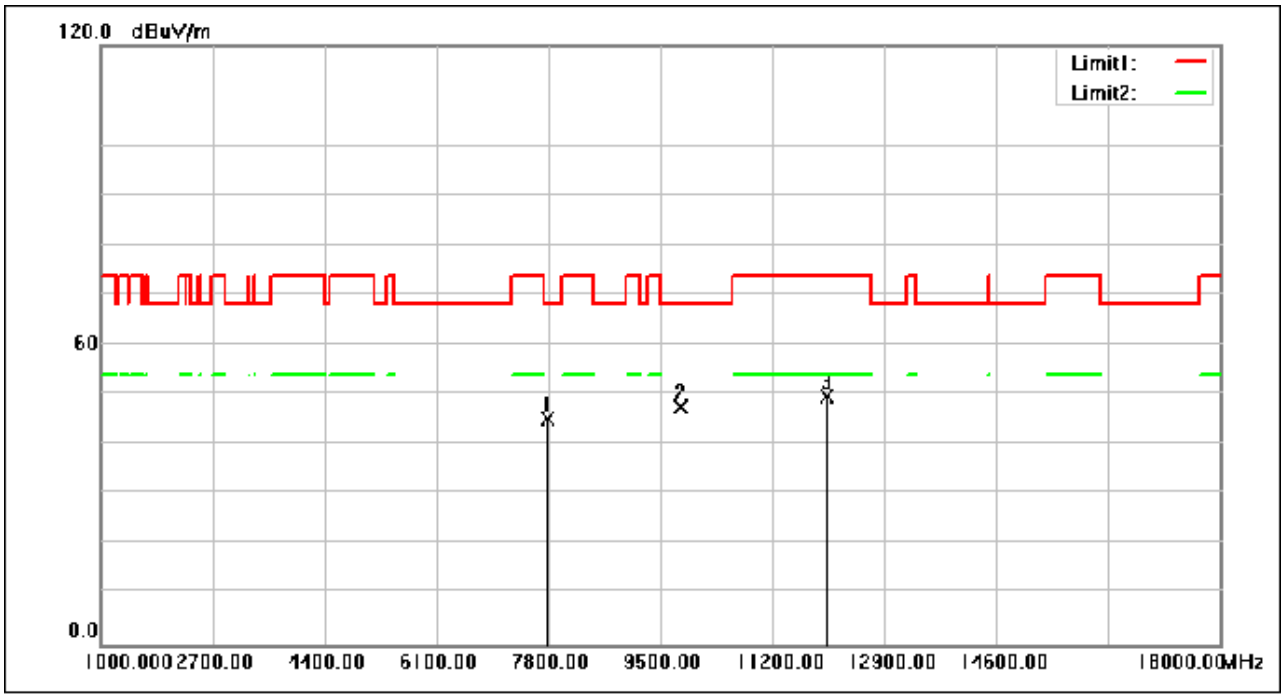
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7755.800	56.69	-10.92	45.77	68.30	-22.53	peak
2	9812.120	55.34	-7.36	47.98	68.30	-20.32	peak
3	12033.680	55.31	-5.91	49.40	74.00	-24.60	peak

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



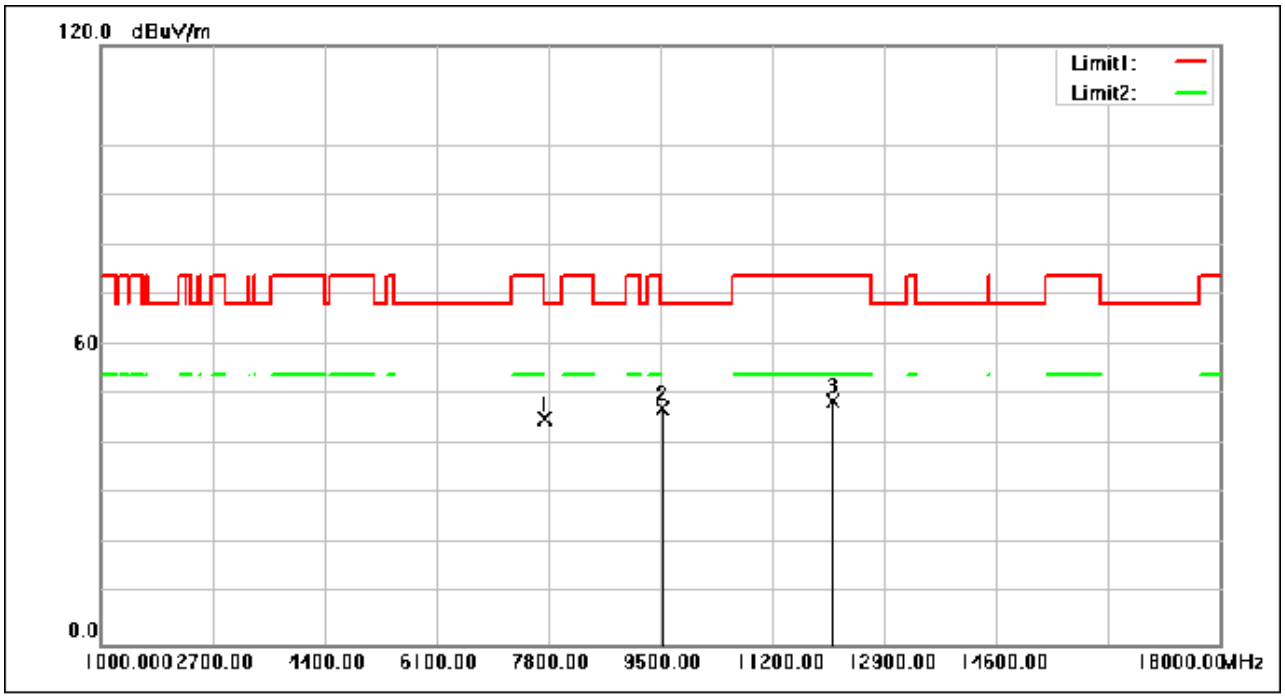
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7440.960	55.85	-11.34	44.51	74.00	-29.49	peak
2	9043.720	56.62	-8.81	47.81	74.00	-26.19	peak
3	12035.720	54.31	-5.90	48.41	74.00	-25.59	peak

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



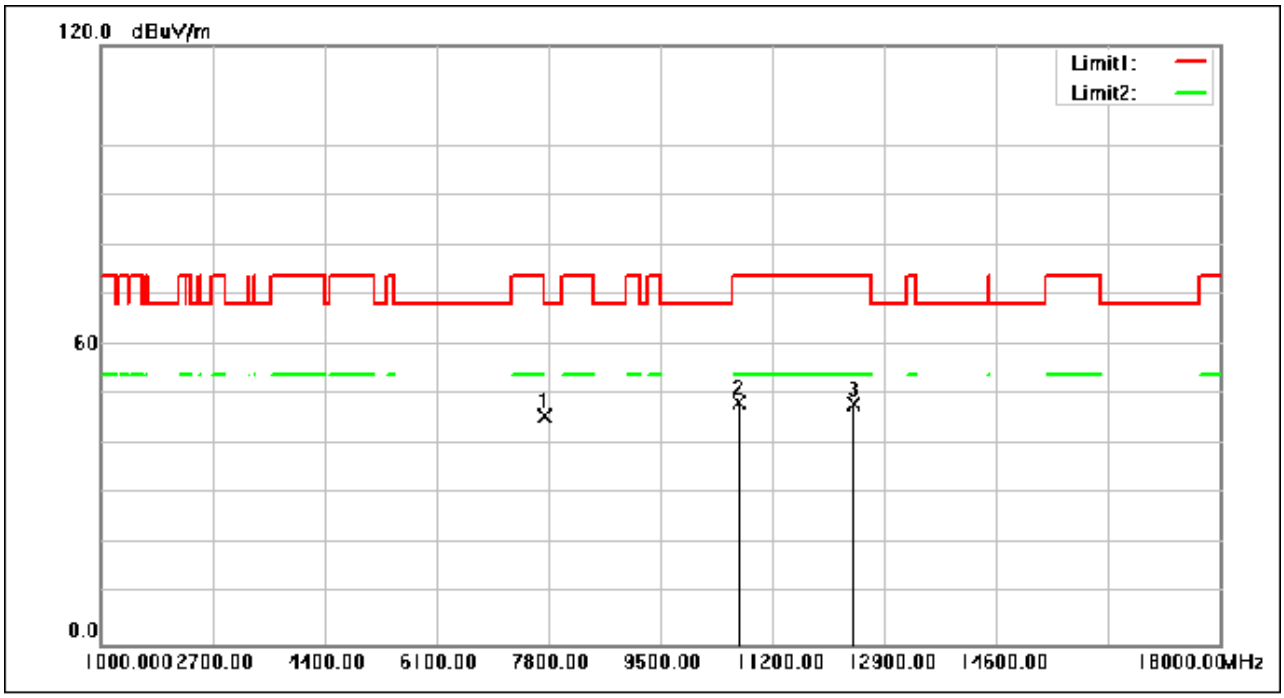
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7791.840	56.13	-10.88	45.25	68.30	-23.05	peak
2	9816.880	54.96	-7.35	47.61	68.30	-20.69	peak
3	12045.920	55.54	-5.91	49.63	74.00	-24.37	peak

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



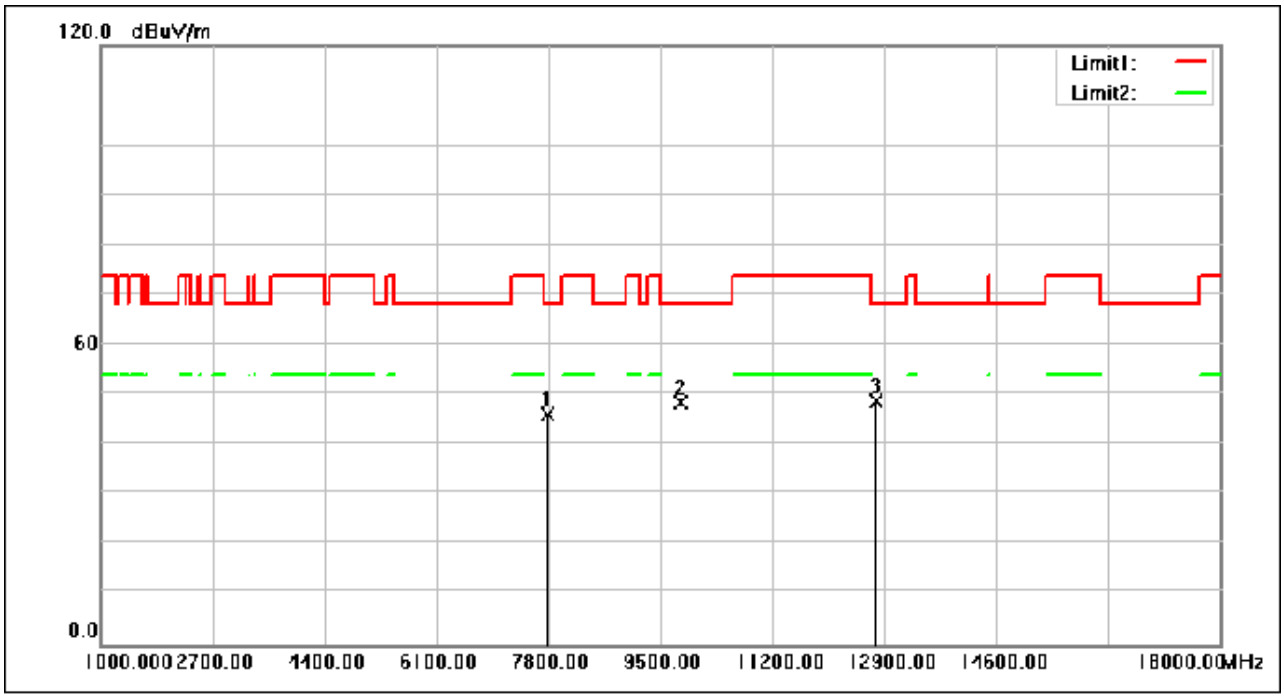
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7742.200	56.18	-10.94	45.24	74.00	-28.76	peak
2	9536.040	55.08	-7.88	47.20	68.30	-21.10	peak
3	12132.280	54.71	-5.95	48.76	74.00	-25.24	peak

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



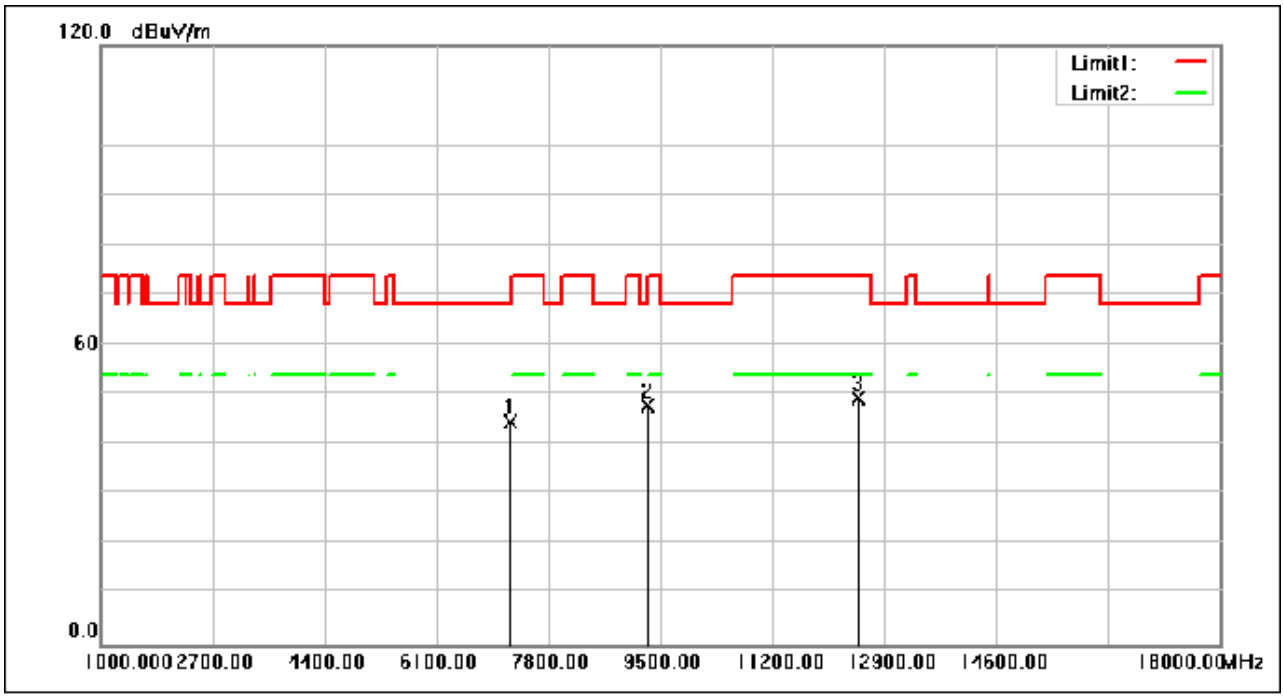
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7756.480	56.68	-10.92	45.76	68.30	-22.54	peak
2	10694.760	55.42	-6.92	48.50	74.00	-25.50	peak
3	12424.000	54.32	-6.08	48.24	74.00	-25.76	peak

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



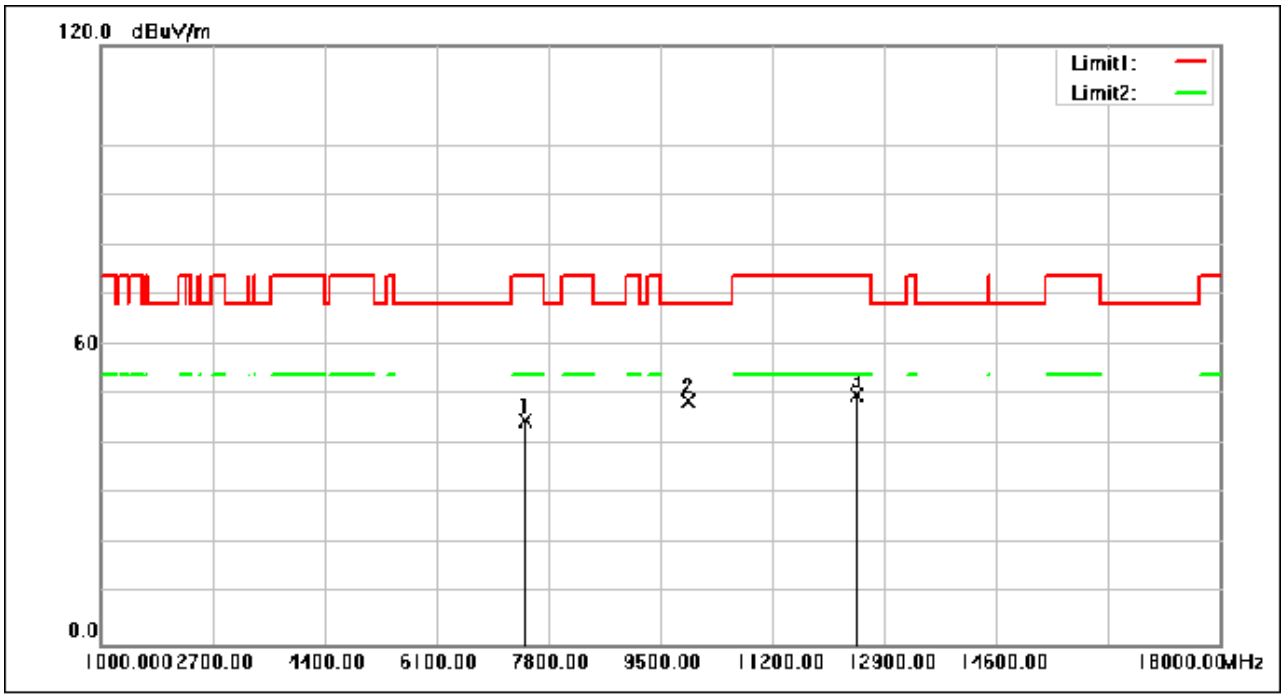
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7796.600	56.83	-10.87	45.96	68.30	-22.34	peak
2	9808.040	55.71	-7.37	48.34	68.30	-19.96	peak
3	12786.440	55.06	-6.25	48.81	68.30	-19.49	peak

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



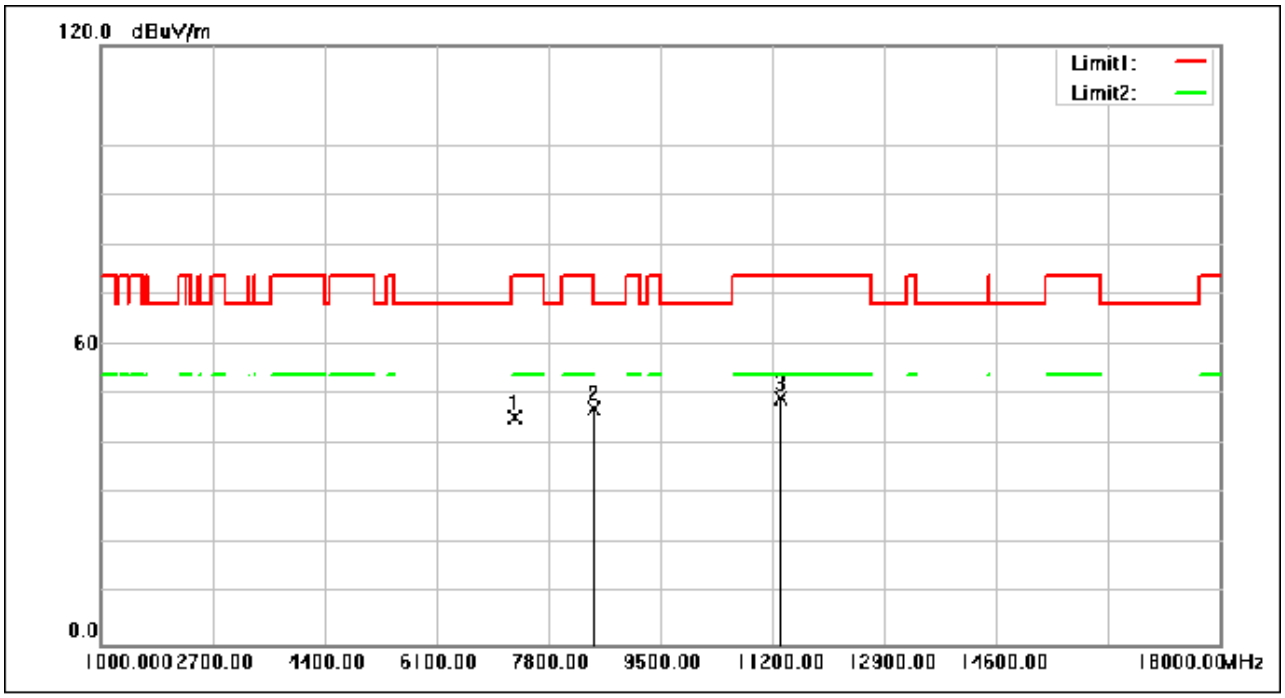
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7229.480	55.90	-11.47	44.43	68.30	-23.87	peak
2	9313.680	56.01	-8.30	47.71	74.00	-26.29	peak
3	12506.280	55.45	-6.12	49.33	74.00	-24.67	peak

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



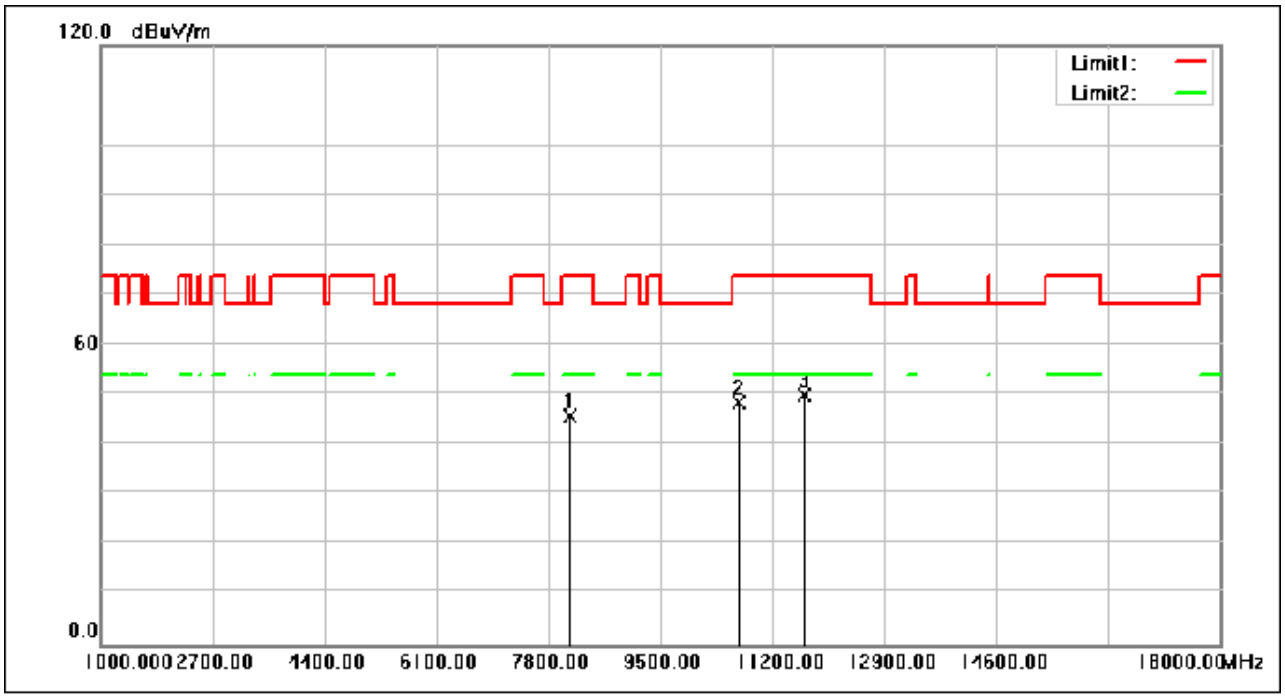
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7449.800	56.05	-11.32	44.73	74.00	-29.27	peak
2	9935.200	56.15	-7.31	48.84	68.30	-19.46	peak
3	12479.080	56.16	-6.11	50.05	74.00	-23.95	peak

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



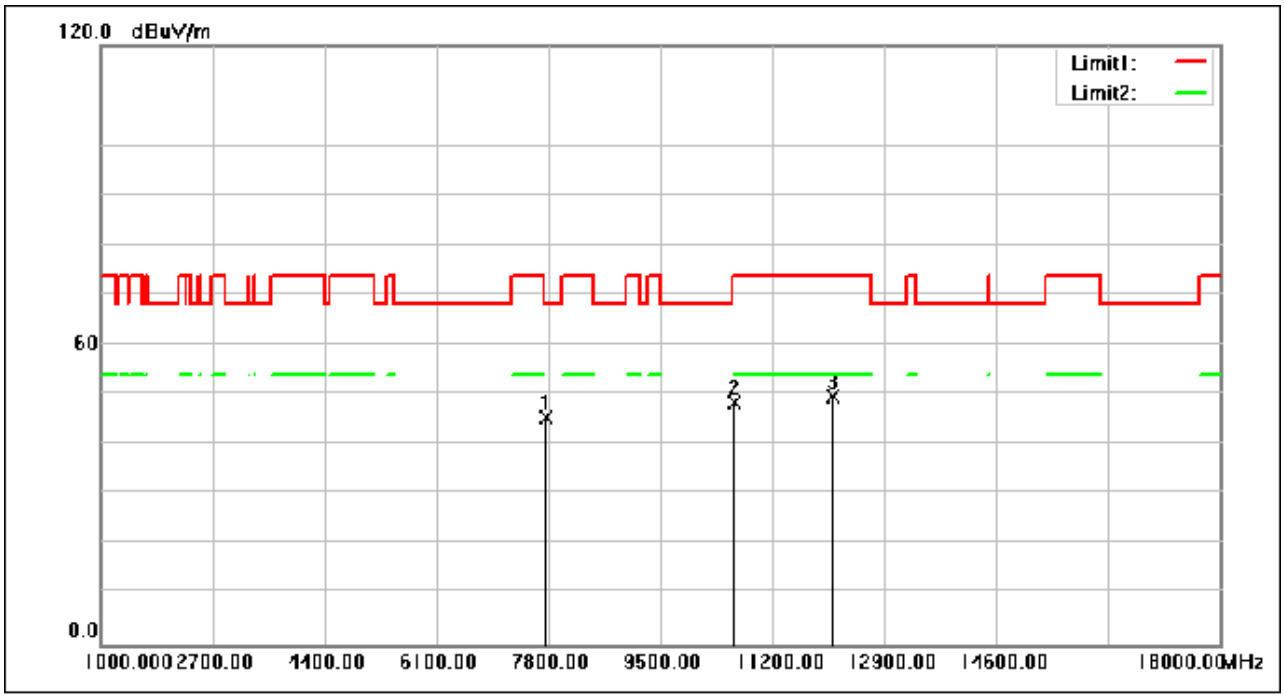
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7304.280	56.89	-11.43	45.46	74.00	-28.54	peak
2	8487.480	57.07	-9.77	47.30	74.00	-26.70	peak
3	11323.760	55.98	-6.50	49.48	74.00	-24.52	peak

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



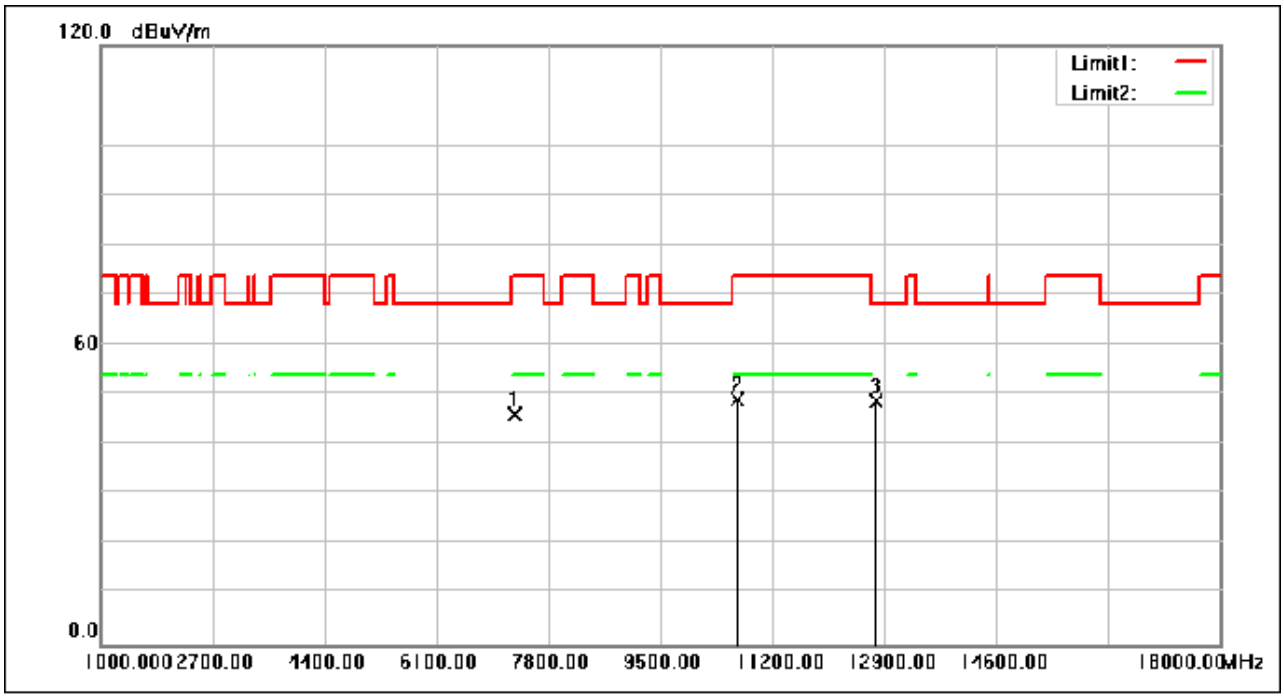
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	8138.640	56.24	-10.35	45.89	74.00	-28.11	peak
2	10702.920	55.35	-6.92	48.43	74.00	-25.57	peak
3	11682.120	56.20	-6.21	49.99	74.00	-24.01	peak

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



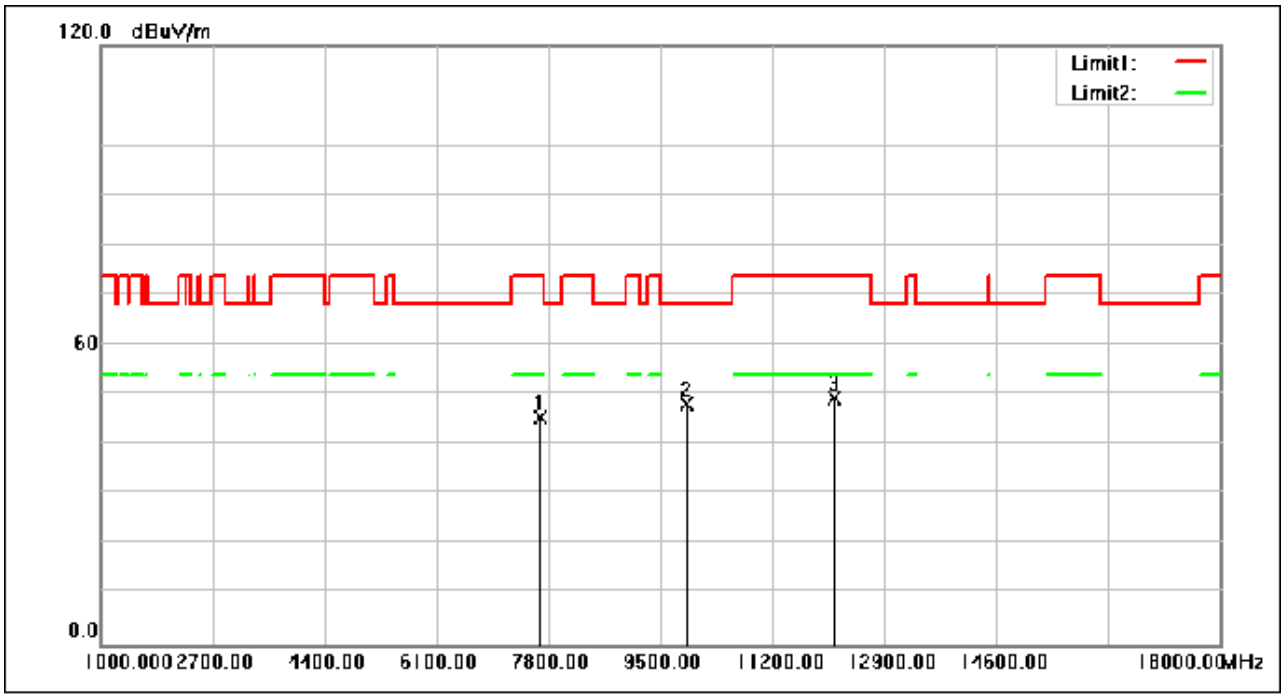
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7777.560	56.40	-10.90	45.50	68.30	-22.80	peak
2	10637.640	55.52	-6.96	48.56	74.00	-25.44	peak
3	12131.600	55.45	-5.94	49.51	74.00	-24.49	peak

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



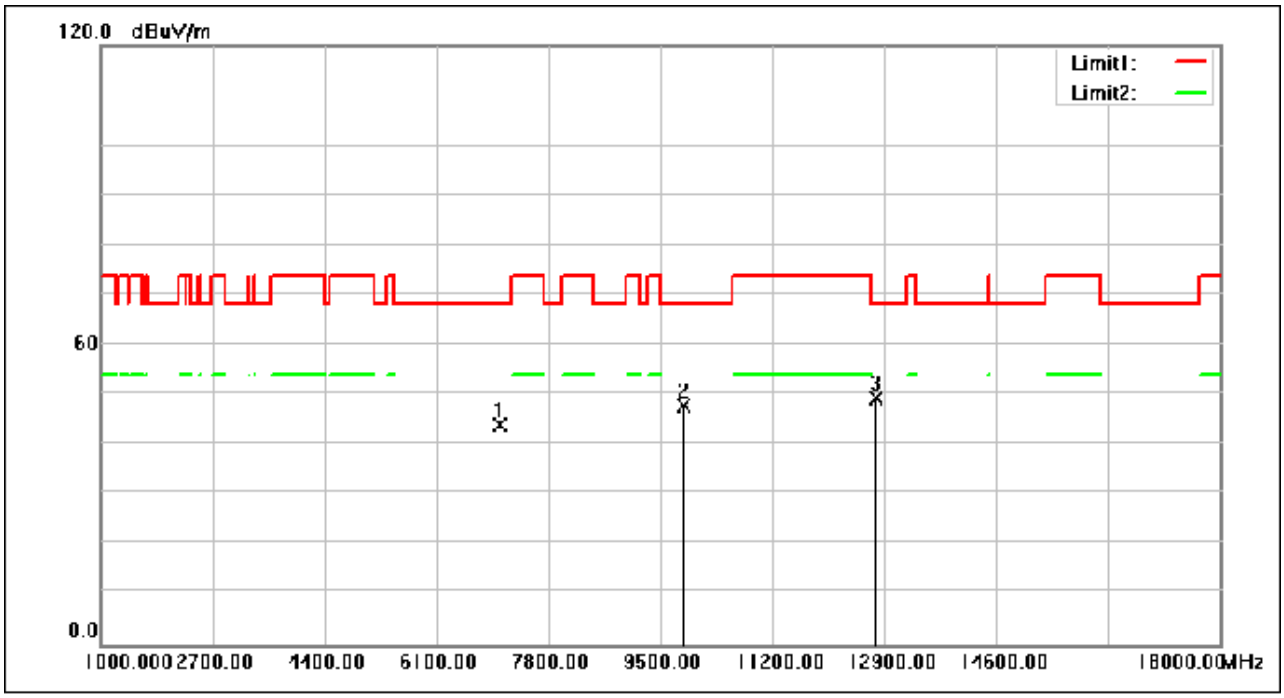
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7300.200	57.36	-11.43	45.93	74.00	-28.07	peak
2	10687.280	55.85	-6.93	48.92	74.00	-25.08	peak
3	12780.320	54.95	-6.24	48.71	68.30	-19.59	peak

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



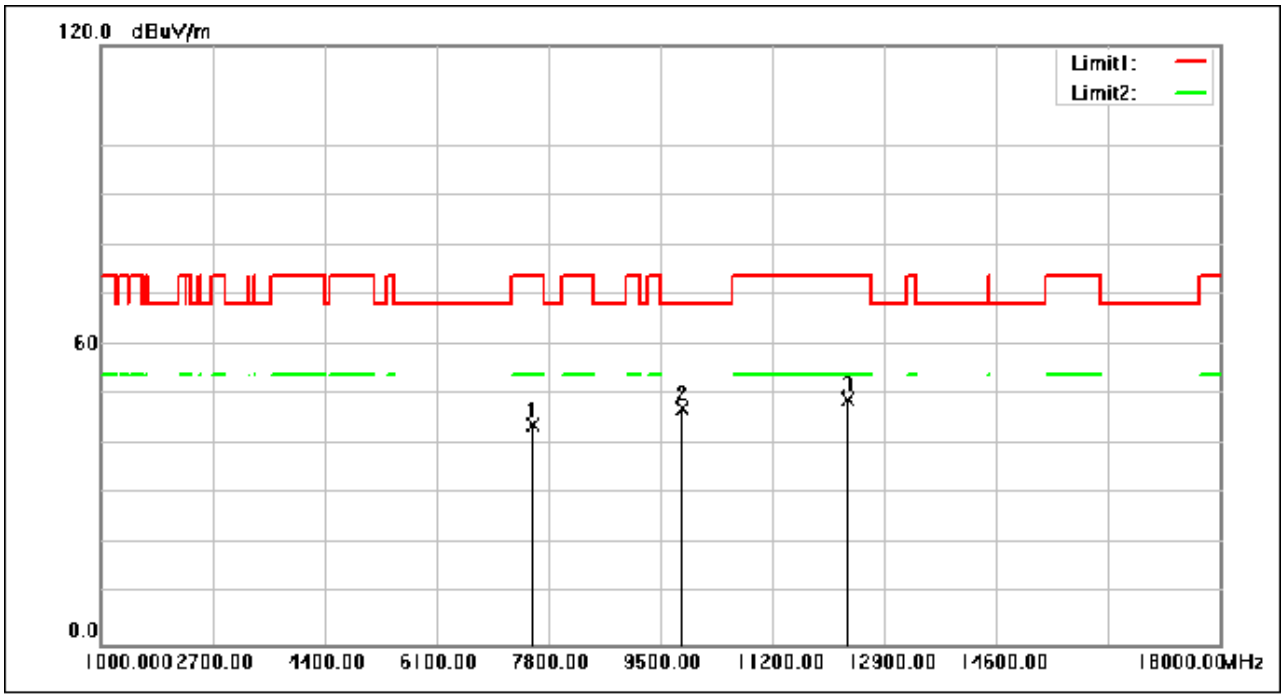
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7666.040	56.39	-11.04	45.35	74.00	-28.65	peak
2	9904.600	55.49	-7.31	48.18	68.30	-20.12	peak
3	12145.880	55.43	-5.95	49.48	74.00	-24.52	peak

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



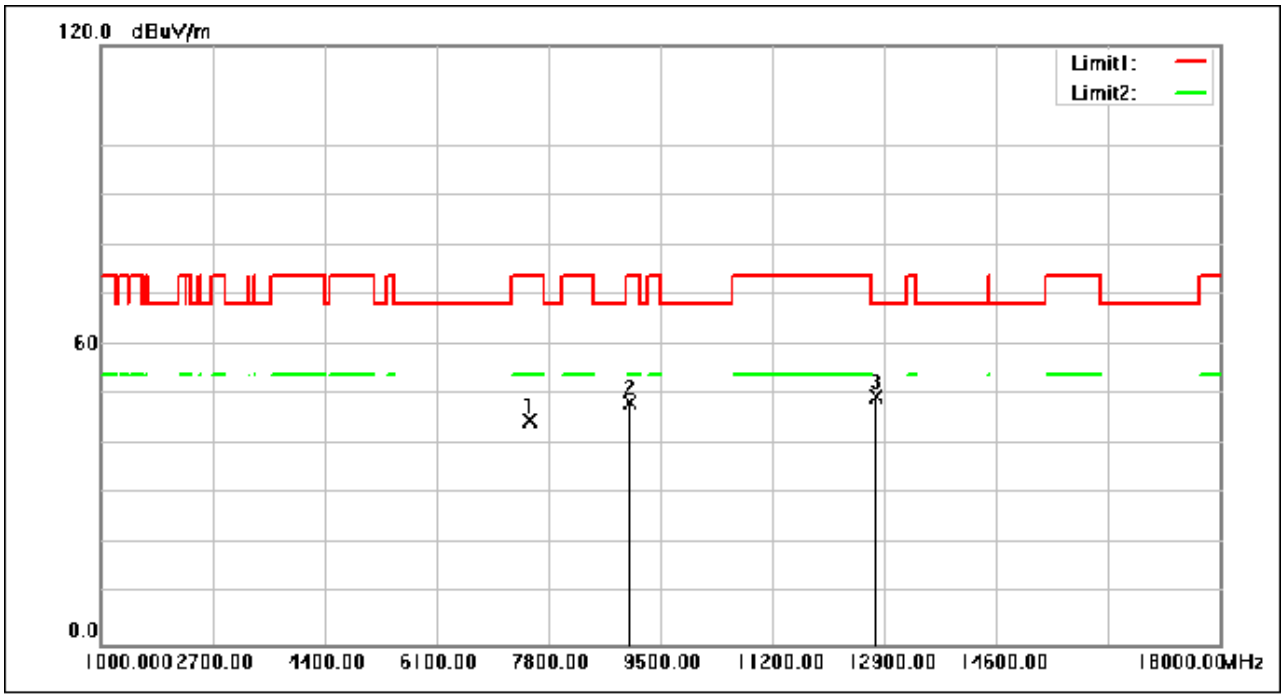
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7075.120	55.40	-11.54	43.86	68.30	-24.44	peak
2	9844.080	55.01	-7.30	47.71	68.30	-20.59	peak
3	12767.400	55.49	-6.23	49.26	68.30	-19.04	peak

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



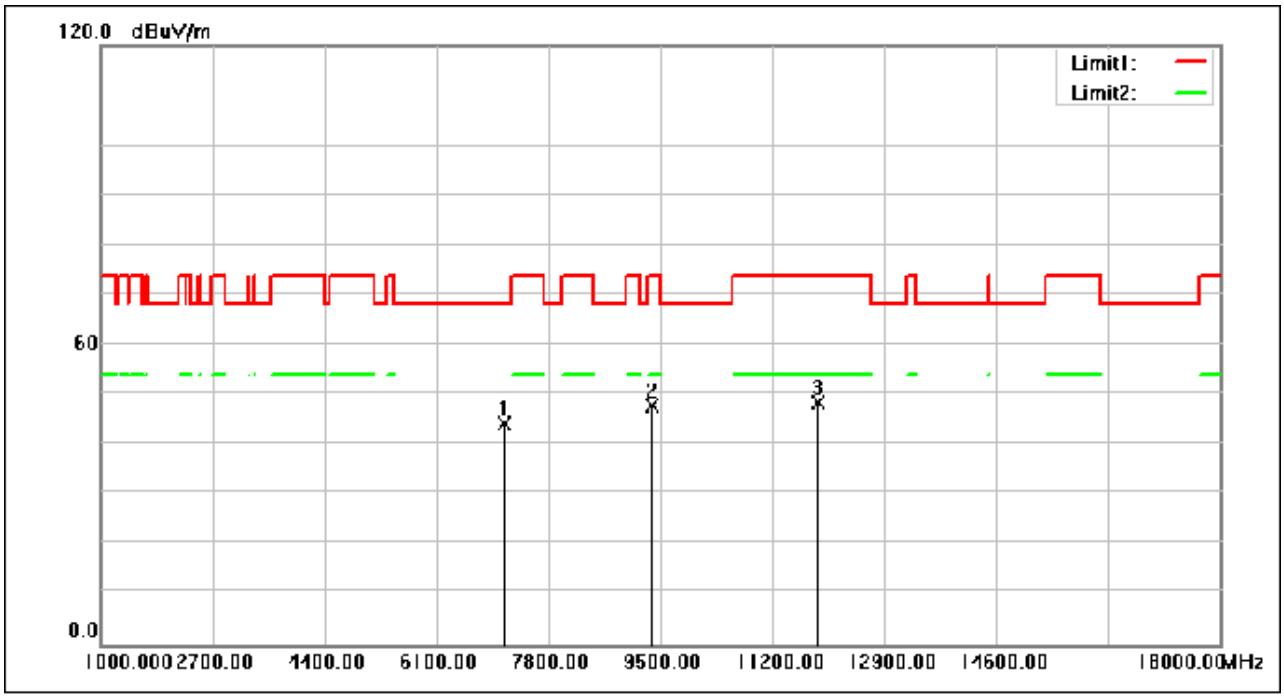
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7578.320	55.08	-11.16	43.92	74.00	-30.08	peak
2	9837.280	54.54	-7.31	47.23	68.30	-21.07	peak
3	12348.520	55.20	-6.04	49.16	74.00	-24.84	peak

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



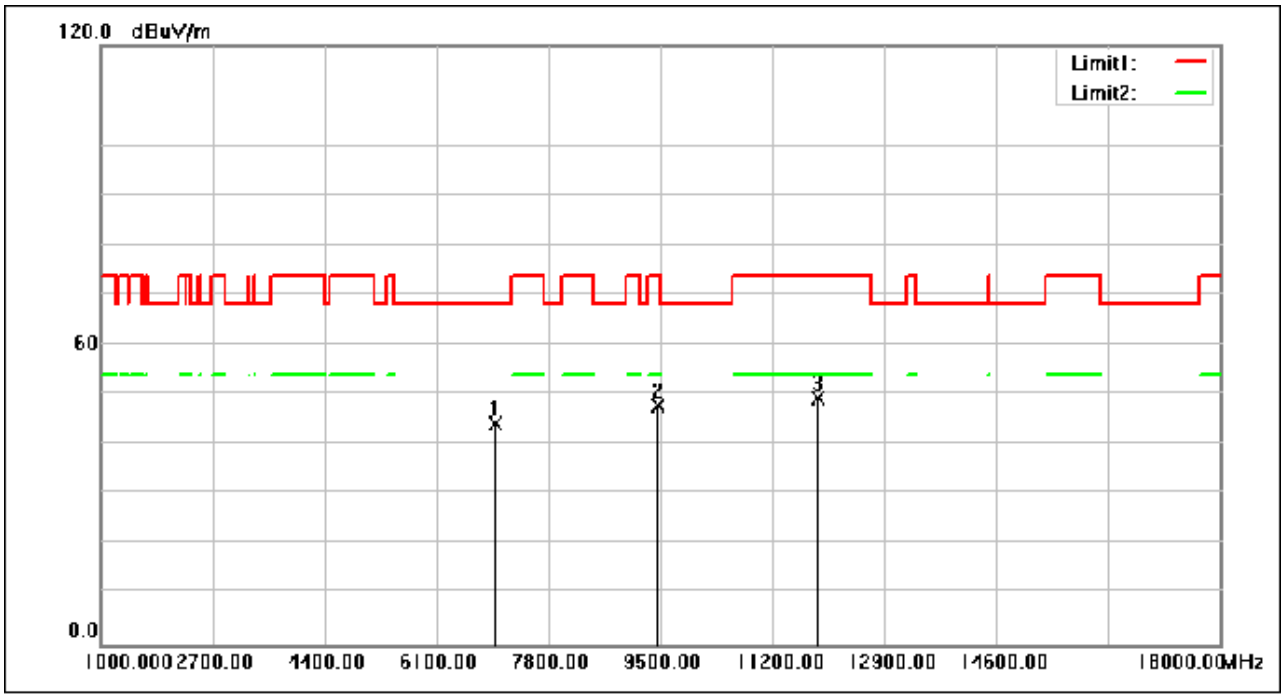
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7521.880	56.19	-11.23	44.96	74.00	-29.04	peak
2	9041.000	57.20	-8.82	48.38	74.00	-25.62	peak
3	12788.480	55.92	-6.25	49.67	68.30	-18.63	peak

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



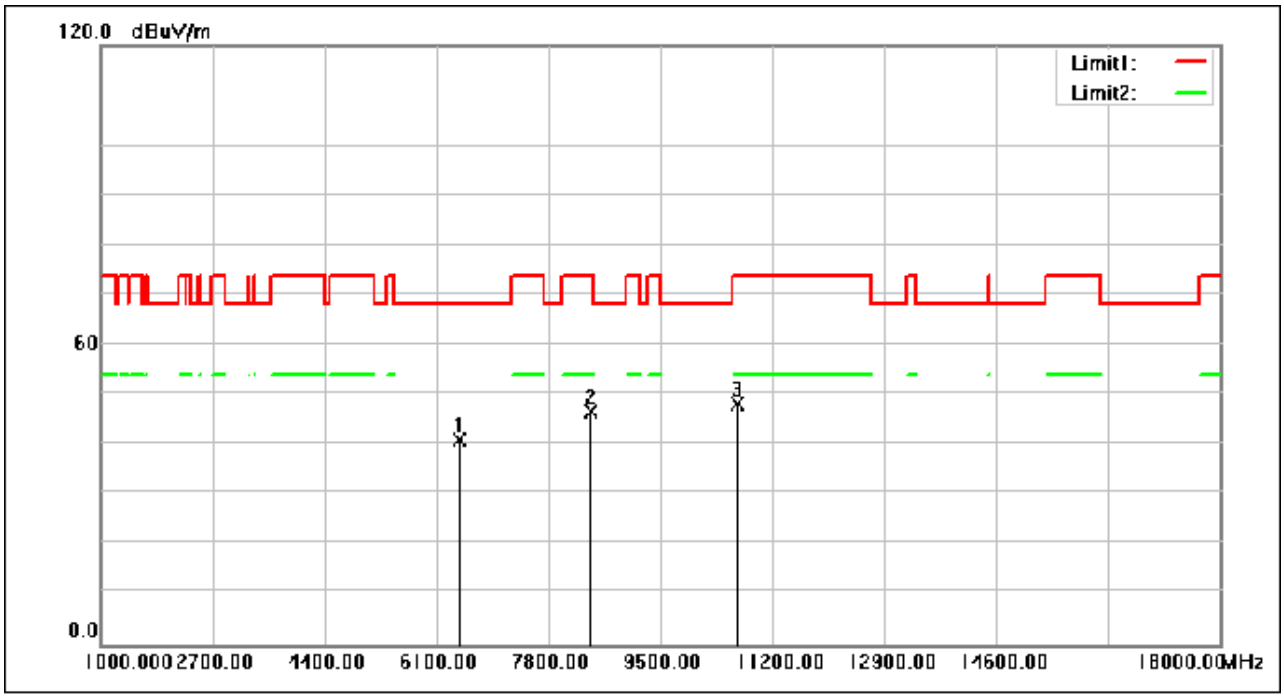
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7151.960	55.77	-11.50	44.27	68.30	-24.03	peak
2	9371.480	55.90	-8.20	47.70	74.00	-26.30	peak
3	11911.960	54.36	-6.03	48.33	74.00	-25.67	peak

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



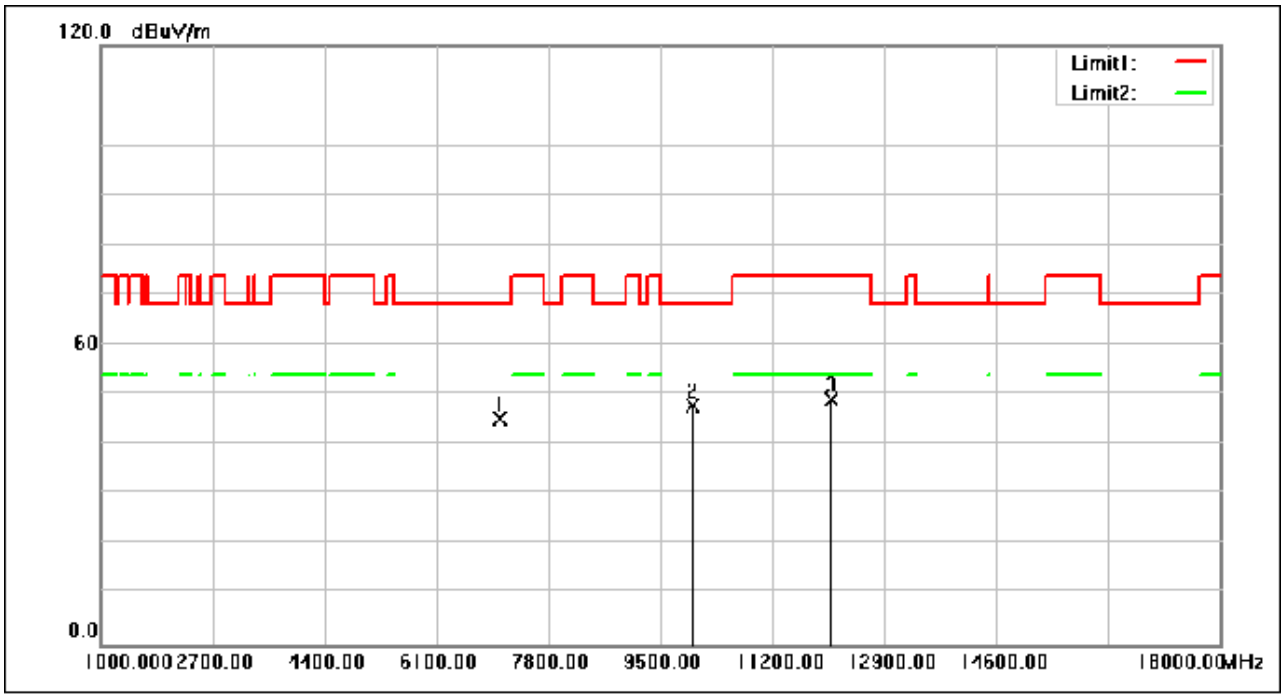
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7006.440	55.78	-11.56	44.22	68.30	-24.08	peak
2	9468.720	55.86	-8.02	47.84	74.00	-26.16	peak
3	11881.360	55.27	-6.05	49.22	74.00	-24.78	peak

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



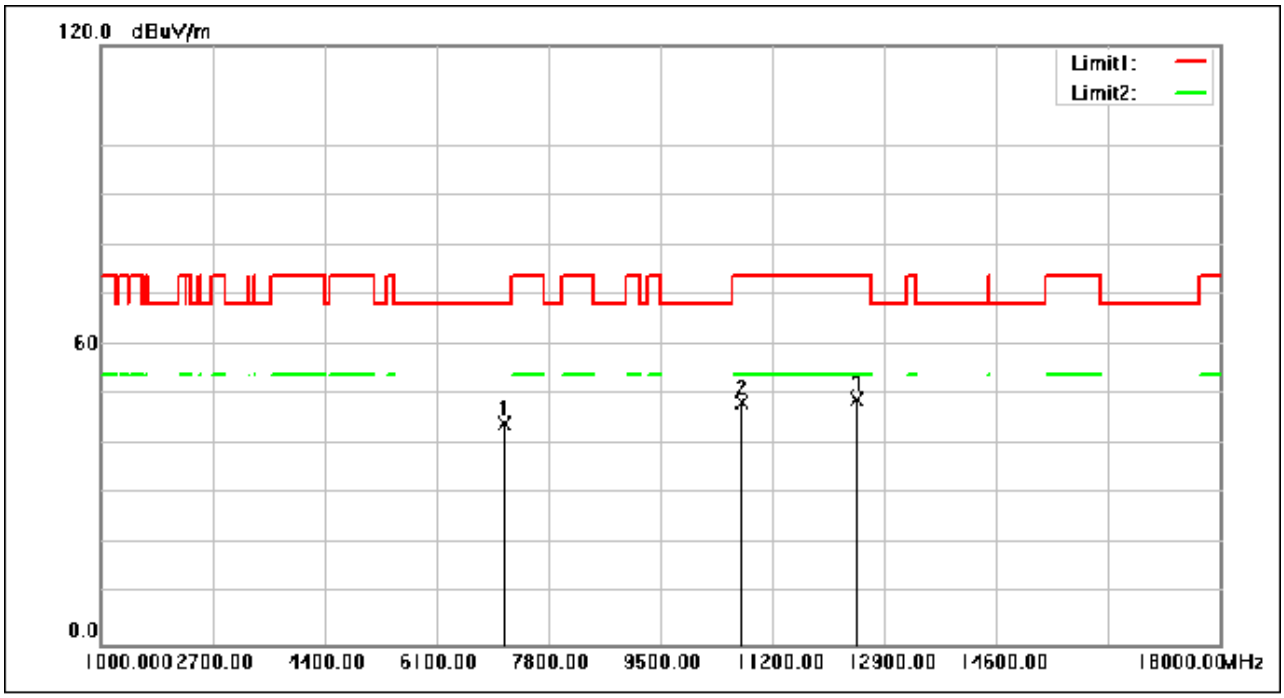
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6470.600	54.39	-13.38	41.01	68.30	-27.29	peak
2	8461.640	56.55	-9.82	46.73	74.00	-27.27	peak
3	10679.120	55.00	-6.93	48.07	74.00	-25.93	peak

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



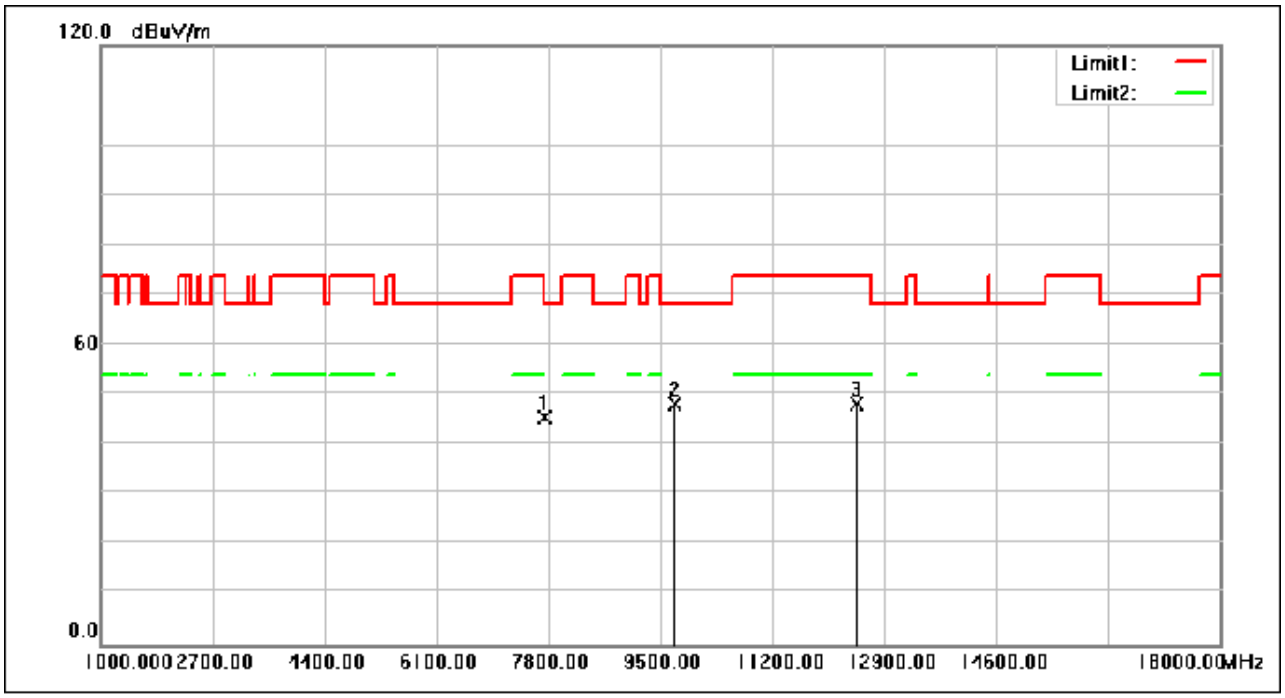
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7079.200	56.63	-11.53	45.10	68.30	-23.20	peak
2	9978.720	55.28	-7.33	47.95	68.30	-20.35	peak
3	12110.520	55.04	-5.94	49.10	74.00	-24.90	peak

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



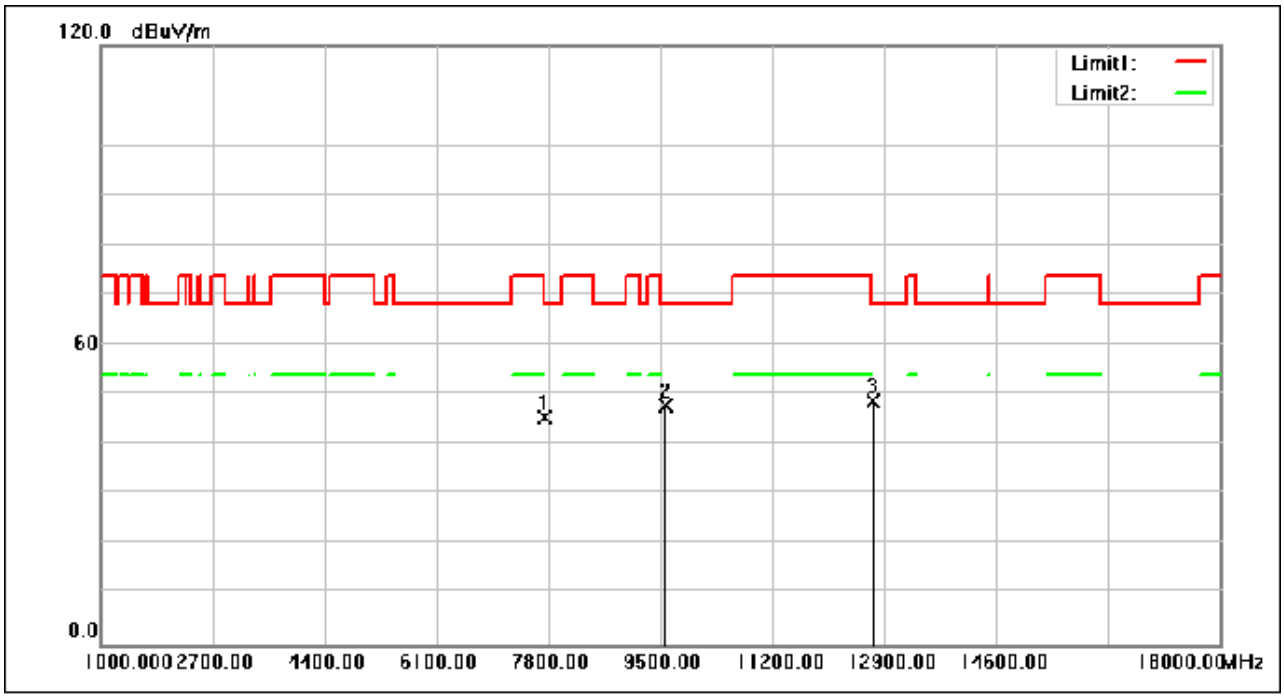
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7151.960	55.70	-11.50	44.20	68.30	-24.10	peak
2	10751.200	55.23	-6.89	48.34	74.00	-25.66	peak
3	12489.280	55.23	-6.11	49.12	74.00	-24.88	peak

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



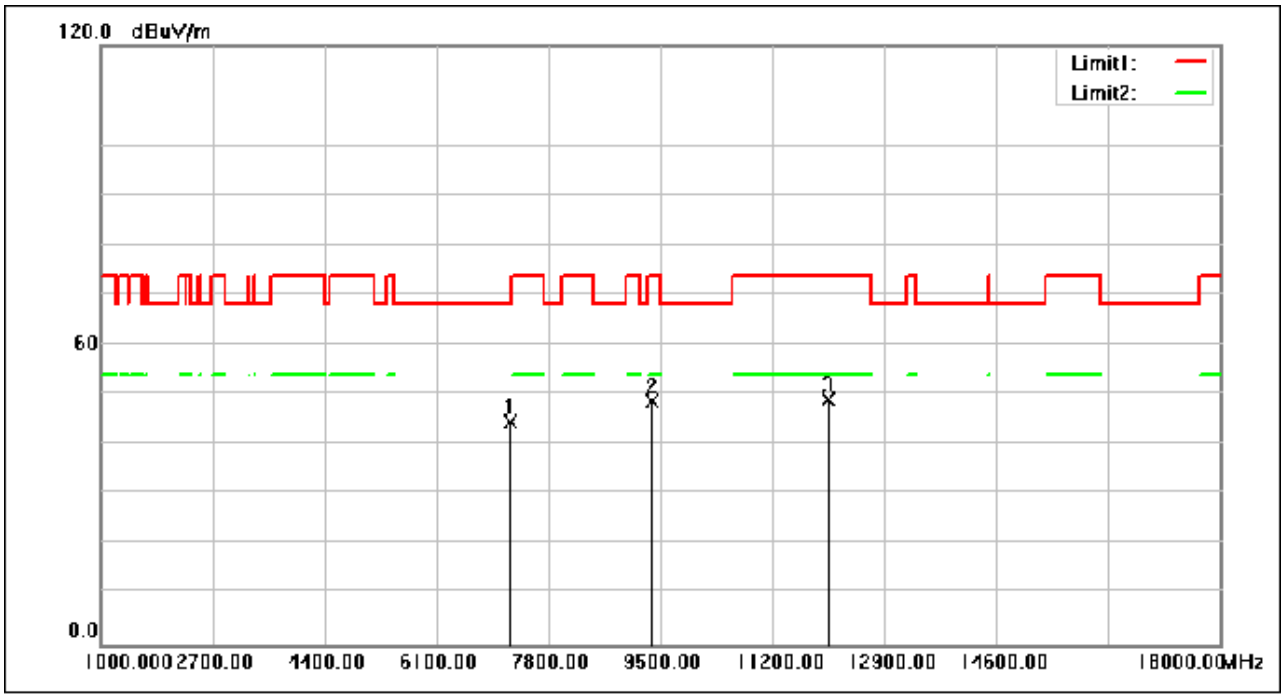
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7756.480	56.32	-10.92	45.40	68.30	-22.90	peak
2	9721.680	55.62	-7.53	48.09	68.30	-20.21	peak
3	12489.960	54.37	-6.11	48.26	74.00	-25.74	peak

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



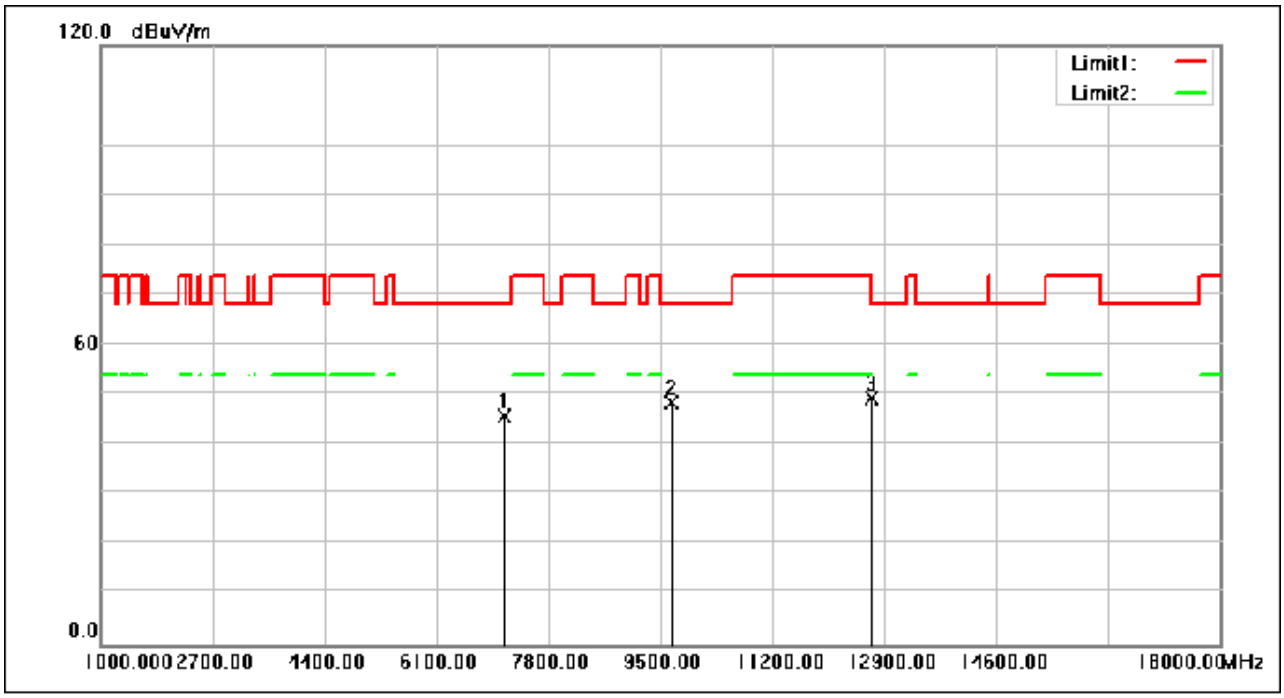
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7760.560	56.41	-10.91	45.50	68.30	-22.80	peak
2	9599.280	55.57	-7.77	47.80	68.30	-20.50	peak
3	12743.600	54.85	-6.23	48.62	68.30	-19.68	peak

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



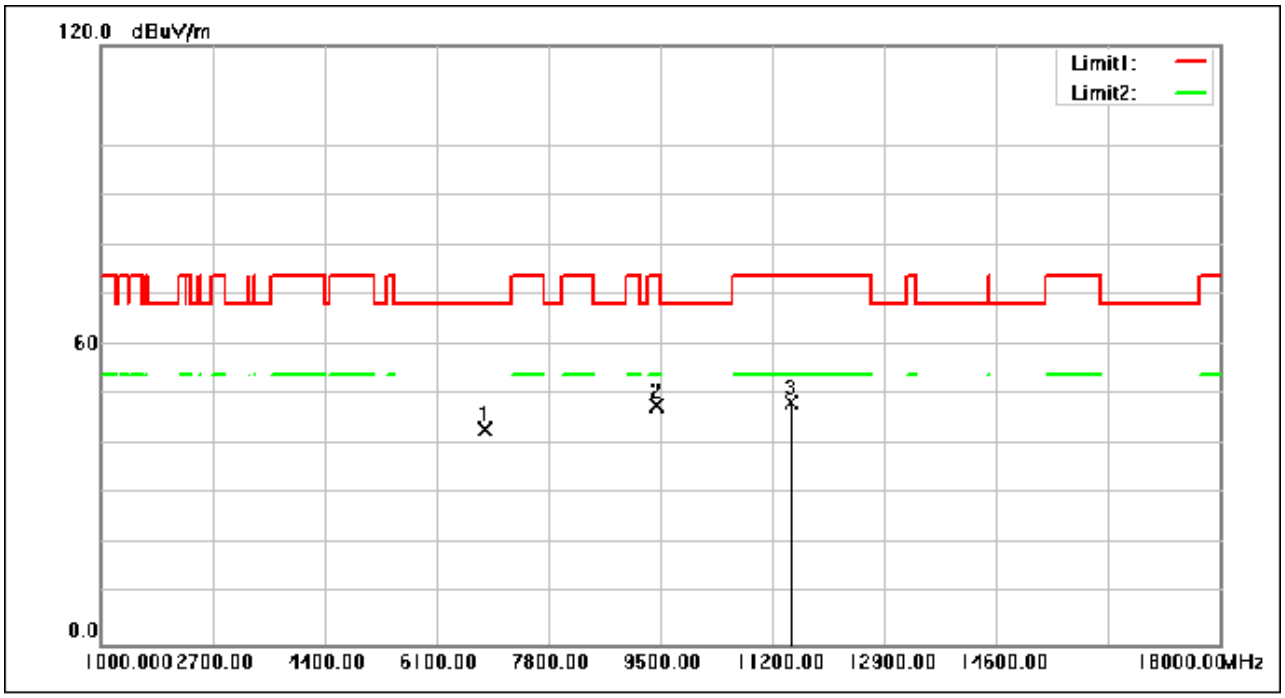
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7235.600	56.13	-11.47	44.66	68.30	-23.64	peak
2	9364.680	57.07	-8.21	48.86	74.00	-25.14	peak
3	12058.160	54.92	-5.91	49.01	74.00	-24.99	peak

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



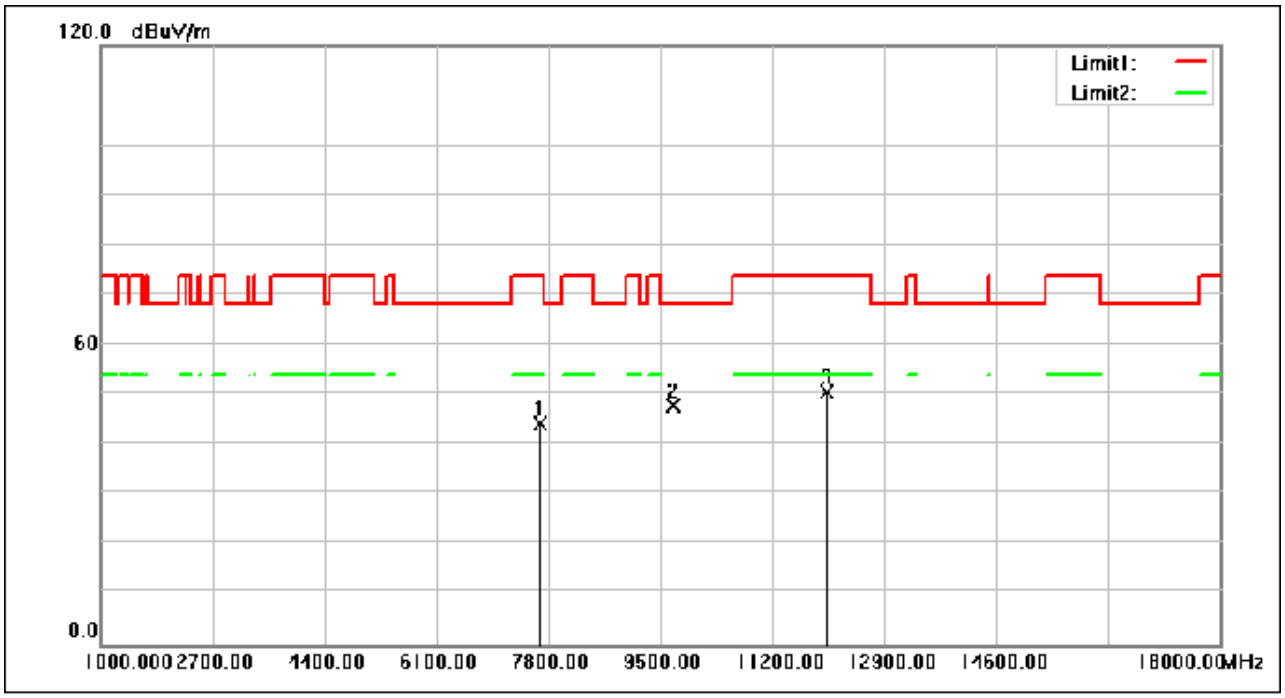
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7153.320	57.26	-11.50	45.76	68.30	-22.54	peak
2	9671.360	56.07	-7.63	48.44	68.30	-19.86	peak
3	12706.880	55.62	-6.21	49.41	68.30	-18.89	peak

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



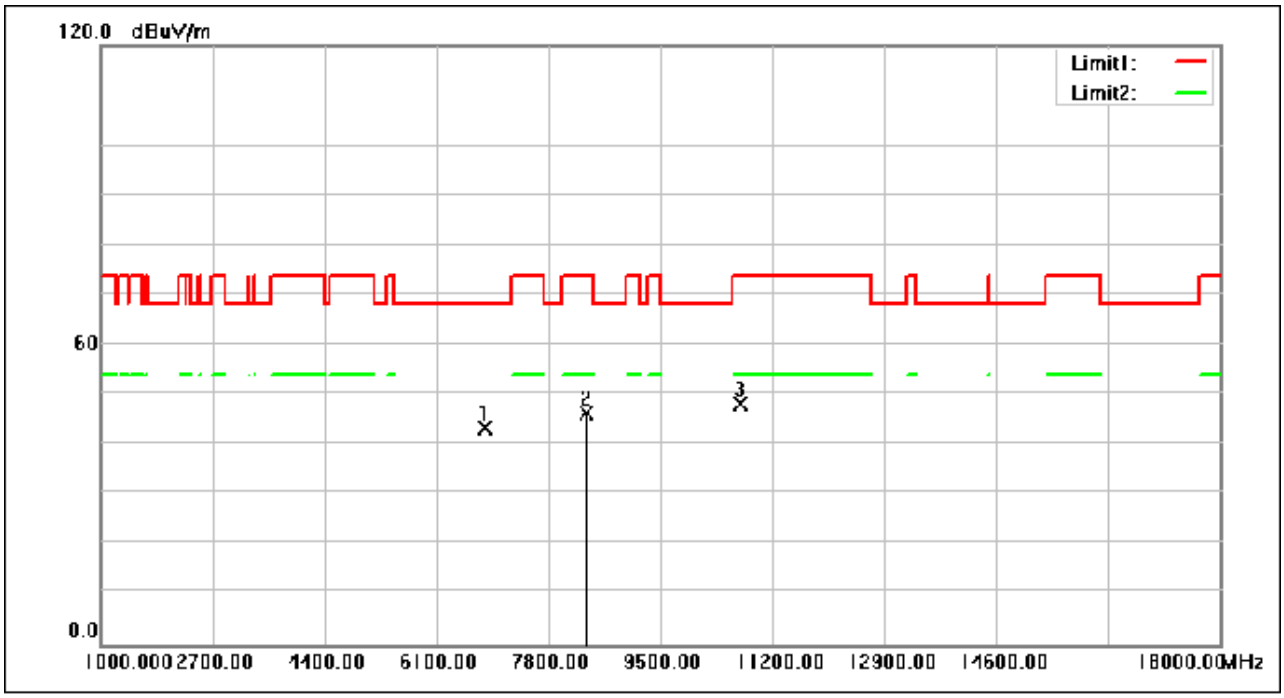
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6845.280	55.02	-11.83	43.19	68.30	-25.11	peak
2	9463.280	55.90	-8.03	47.87	74.00	-26.13	peak
3	11479.480	54.81	-6.37	48.44	74.00	-25.56	peak

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



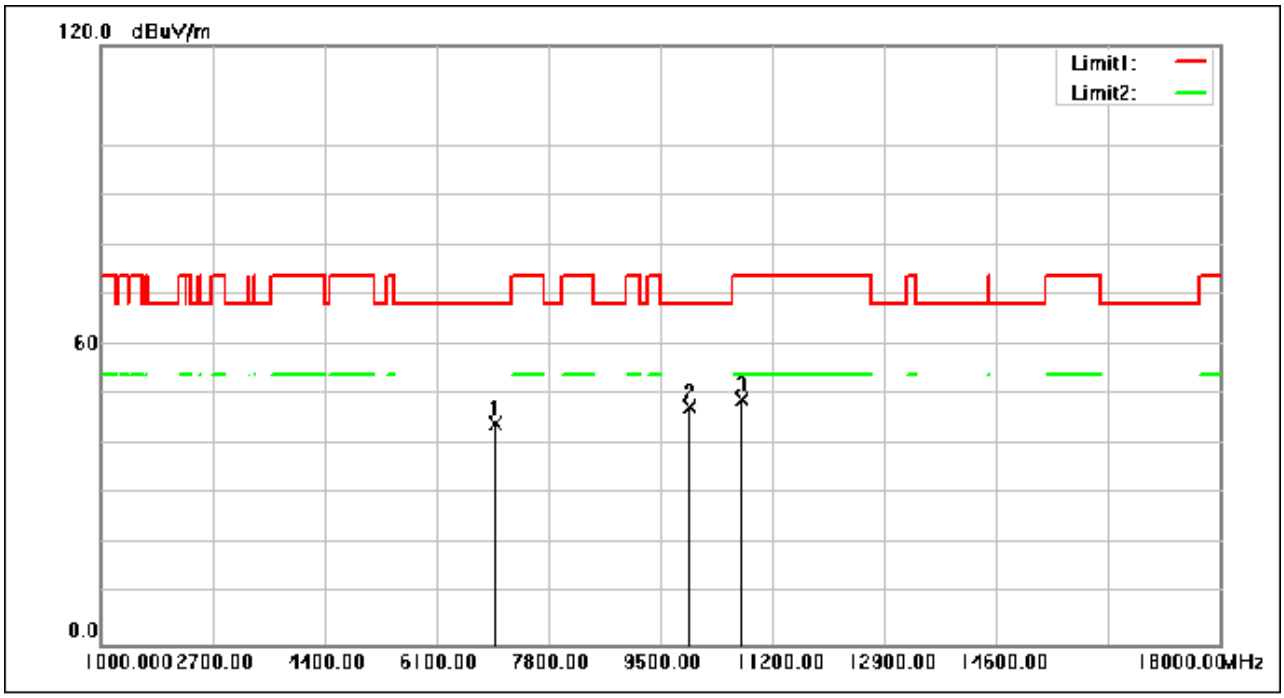
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7676.920	55.23	-11.03	44.20	74.00	-29.80	peak
2	9691.760	55.45	-7.59	47.86	68.30	-20.44	peak
3	12029.600	56.32	-5.90	50.42	74.00	-23.58	peak

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



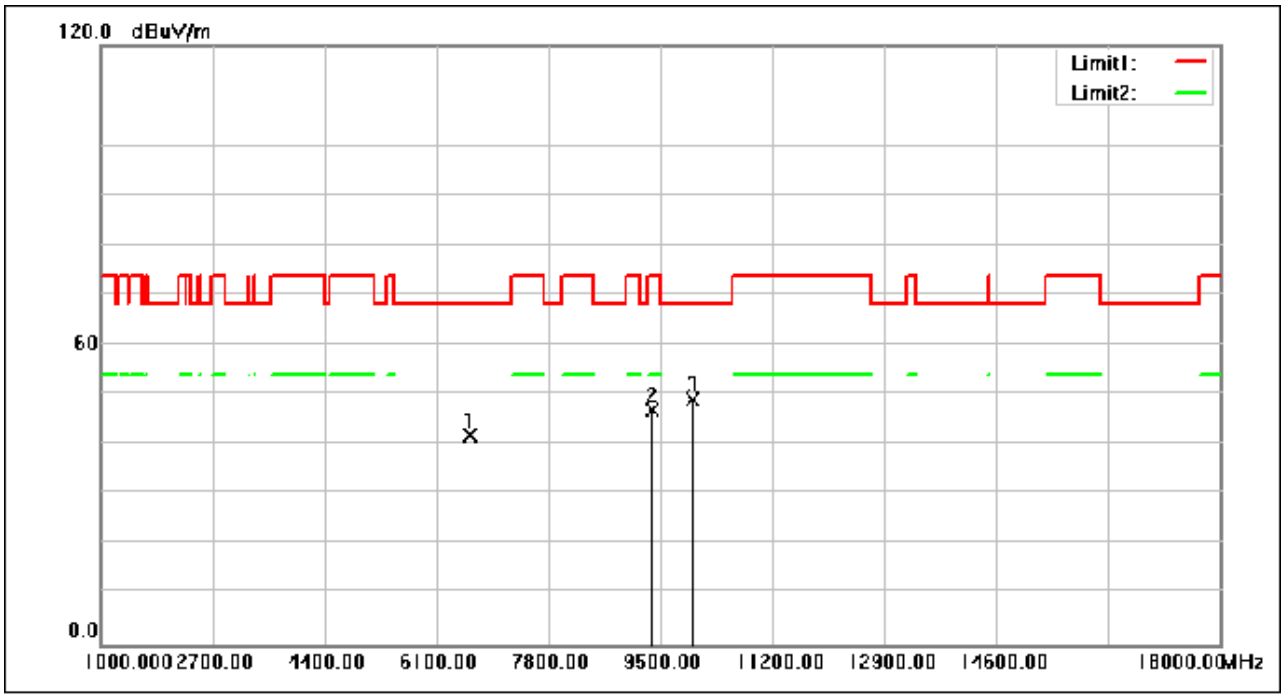
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6846.640	55.28	-11.83	43.45	68.30	-24.85	peak
2	8382.760	56.16	-9.95	46.21	74.00	-27.79	peak
3	10708.360	54.92	-6.91	48.01	74.00	-25.99	peak

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



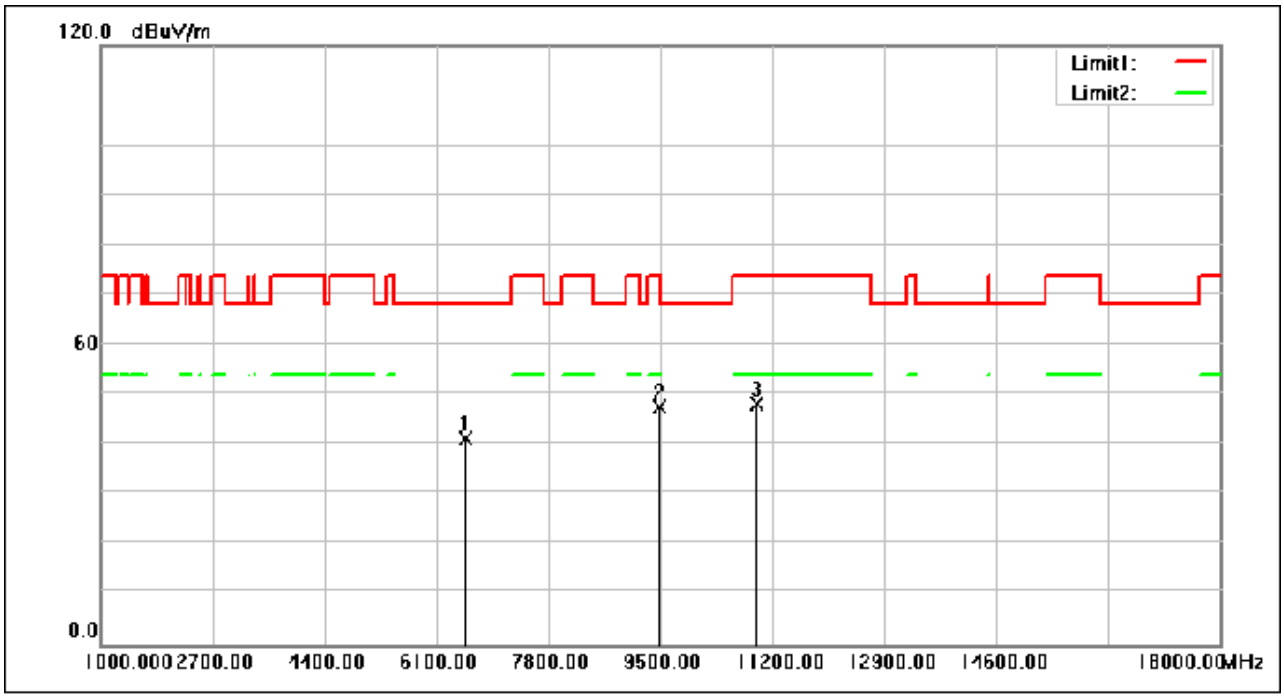
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7009.840	55.77	-11.56	44.21	68.30	-24.09	peak
2	9953.560	54.79	-7.32	47.47	68.30	-20.83	peak
3	10754.600	55.87	-6.89	48.98	74.00	-25.02	peak

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



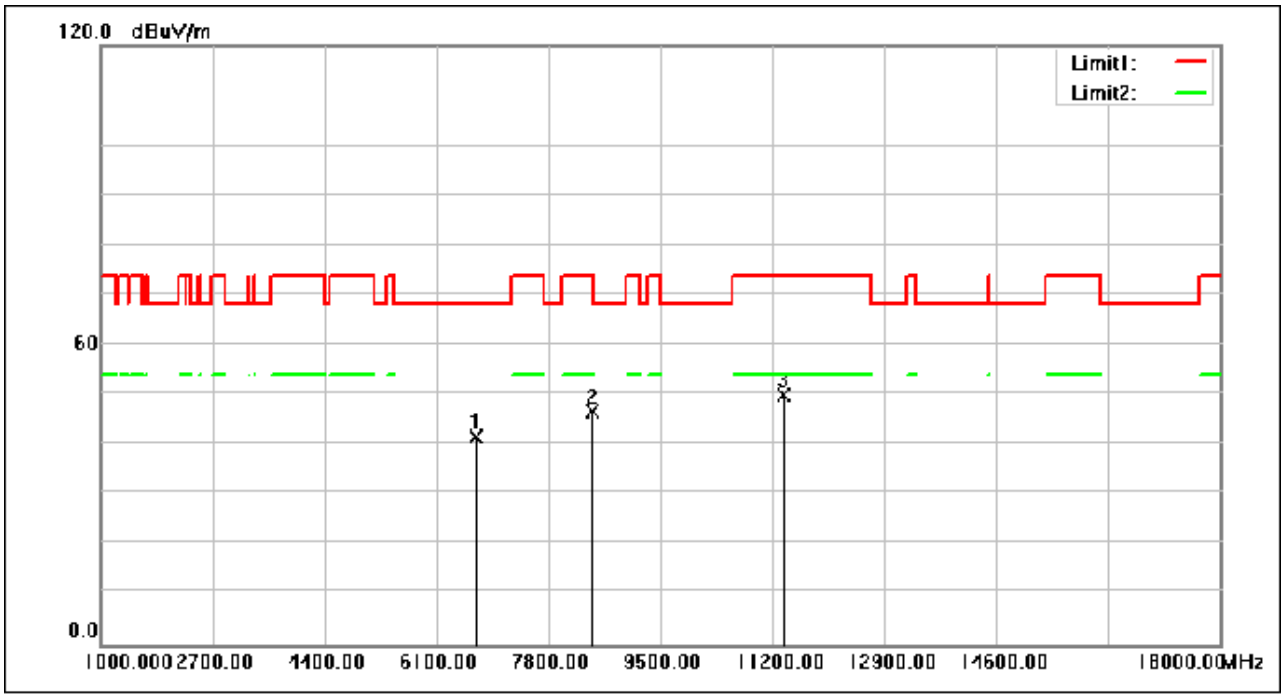
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6624.280	54.39	-12.57	41.82	68.30	-26.48	peak
2	9382.360	55.20	-8.18	47.02	74.00	-26.98	peak
3	9990.280	56.34	-7.33	49.01	68.30	-19.29	peak

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



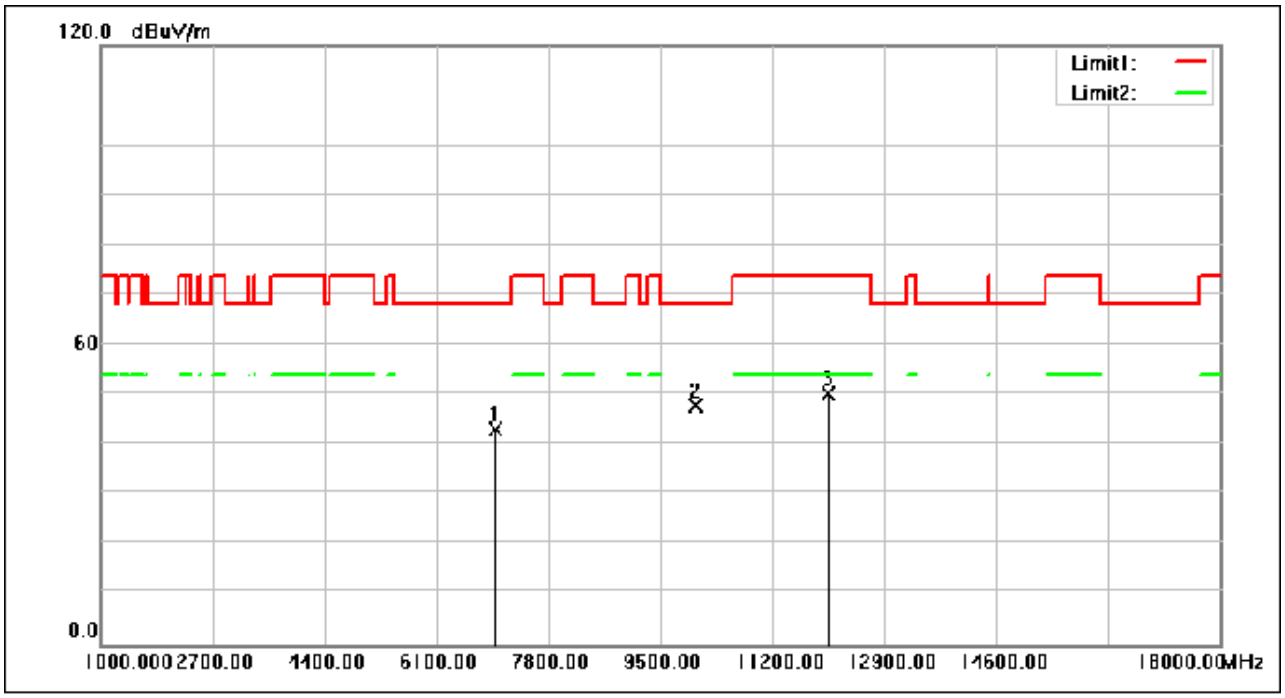
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6546.080	54.09	-12.98	41.11	68.30	-27.19	peak
2	9494.560	55.63	-7.96	47.67	74.00	-26.33	peak
3	10968.800	54.85	-6.78	48.07	74.00	-25.93	peak

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



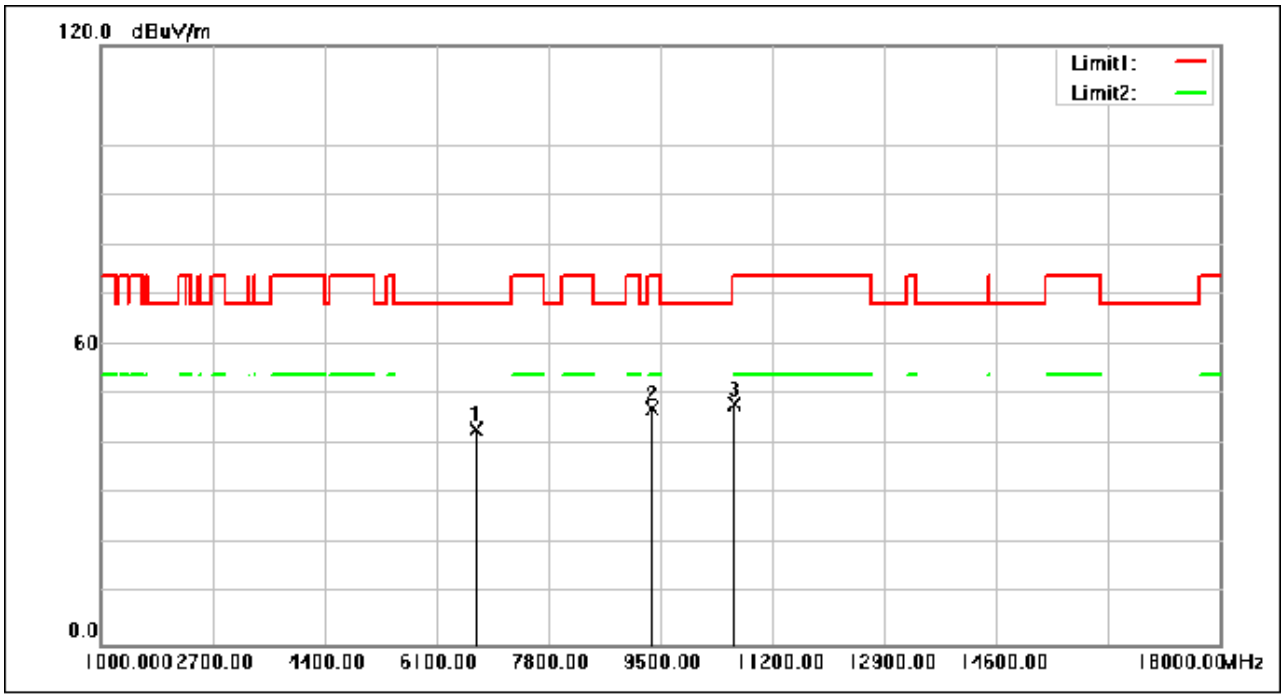
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6703.160	53.73	-12.17	41.56	68.30	-26.74	peak
2	8469.120	56.59	-9.81	46.78	74.00	-27.22	peak
3	11382.240	56.53	-6.46	50.07	74.00	-23.93	peak

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



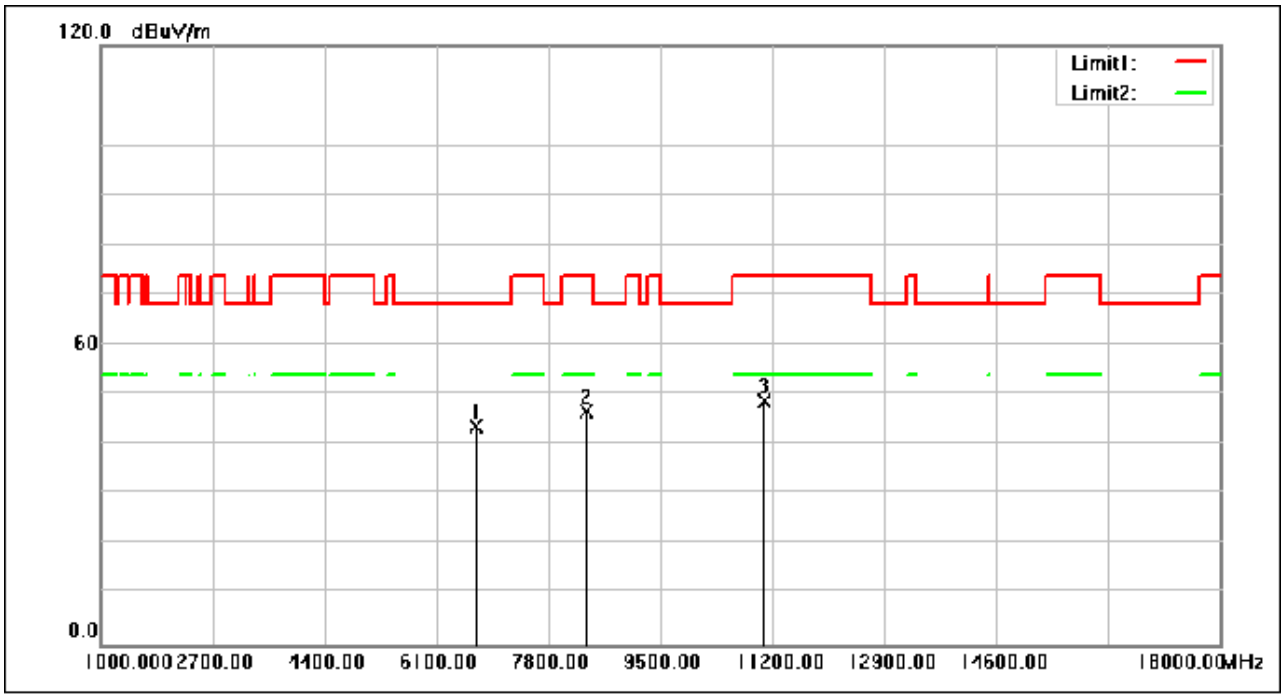
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7000.320	54.70	-11.57	43.13	68.30	-25.17	peak
2	10034.480	55.11	-7.31	47.80	68.30	-20.50	peak
3	12065.640	56.04	-5.91	50.13	74.00	-23.87	peak

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



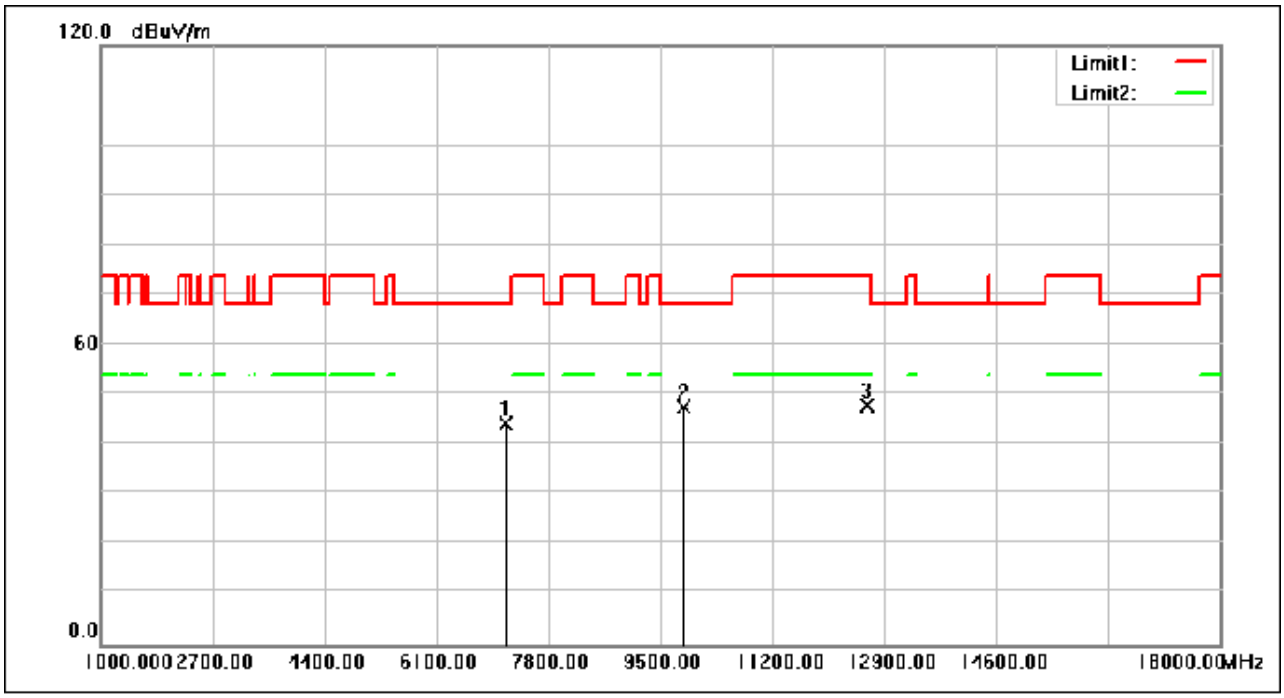
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6703.160	55.22	-12.17	43.05	68.30	-25.25	peak
2	9364.000	55.58	-8.21	47.37	74.00	-26.63	peak
3	10623.360	55.23	-6.96	48.27	74.00	-25.73	peak

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



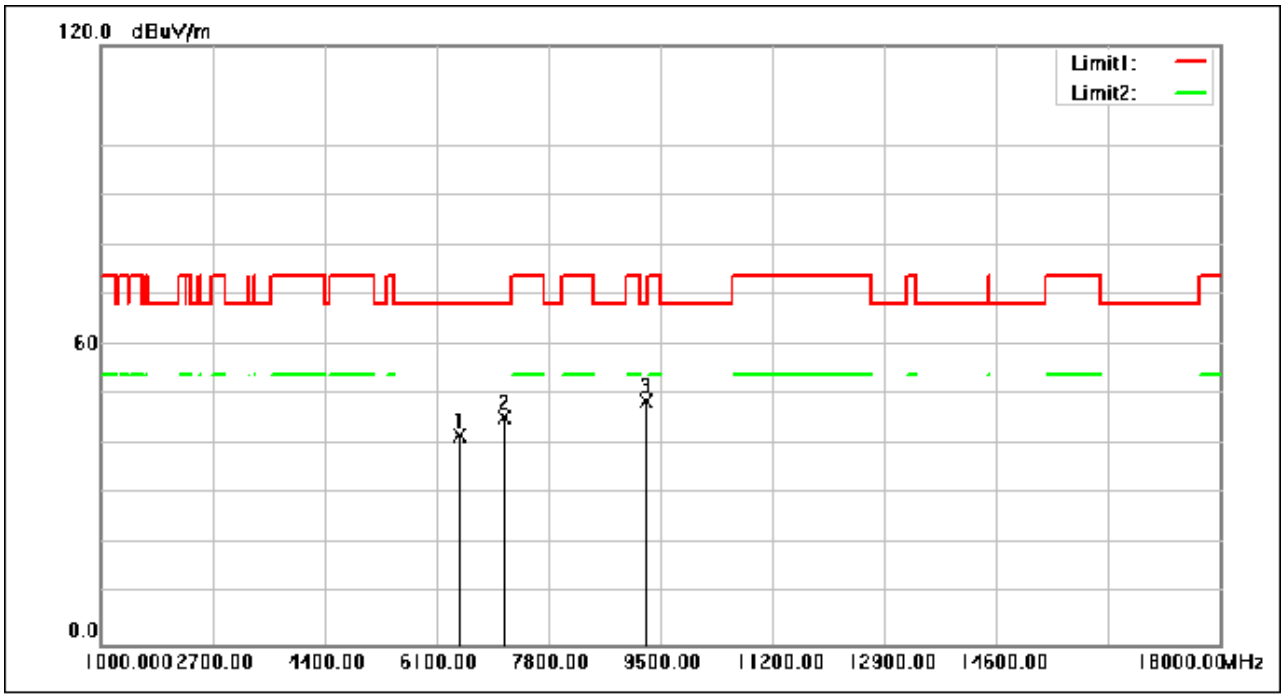
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6697.040	55.71	-12.19	43.52	68.30	-24.78	peak
2	8381.400	56.64	-9.95	46.69	74.00	-27.31	peak
3	11064.000	55.34	-6.71	48.63	74.00	-25.37	peak

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



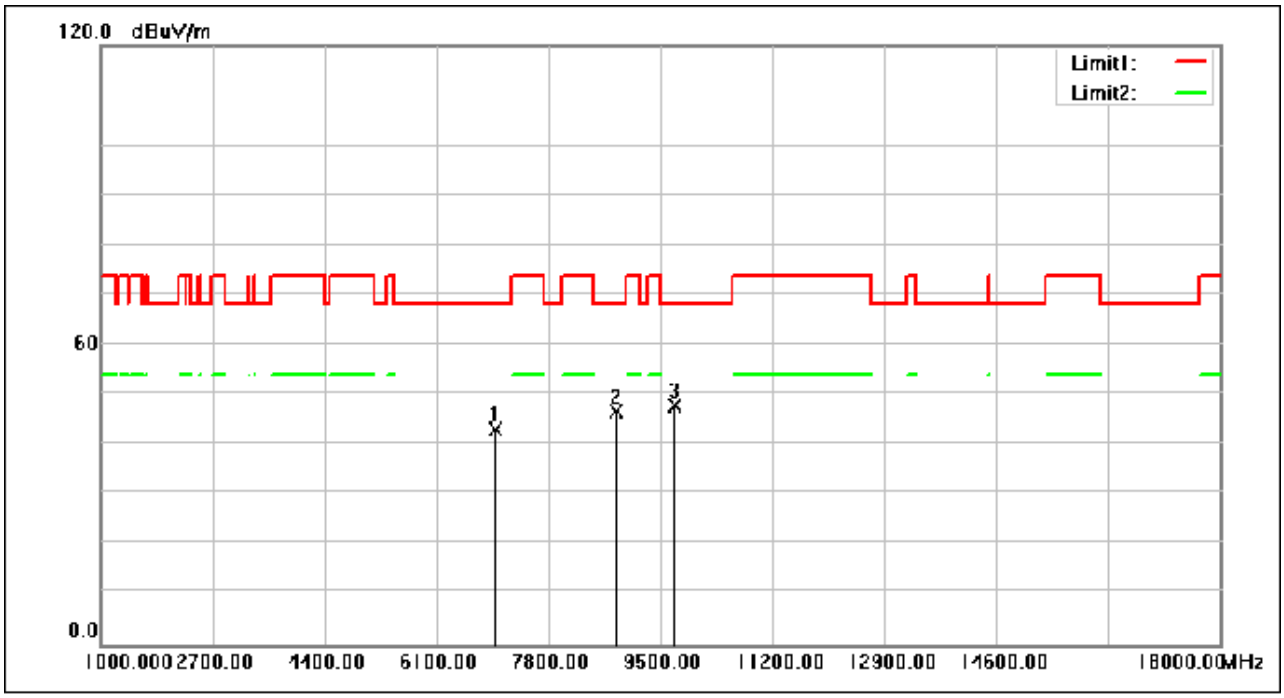
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7154.000	55.78	-11.50	44.28	68.30	-24.02	peak
2	9848.840	54.89	-7.29	47.60	68.30	-20.70	peak
3	12642.280	53.99	-6.18	47.81	74.00	-26.19	peak

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



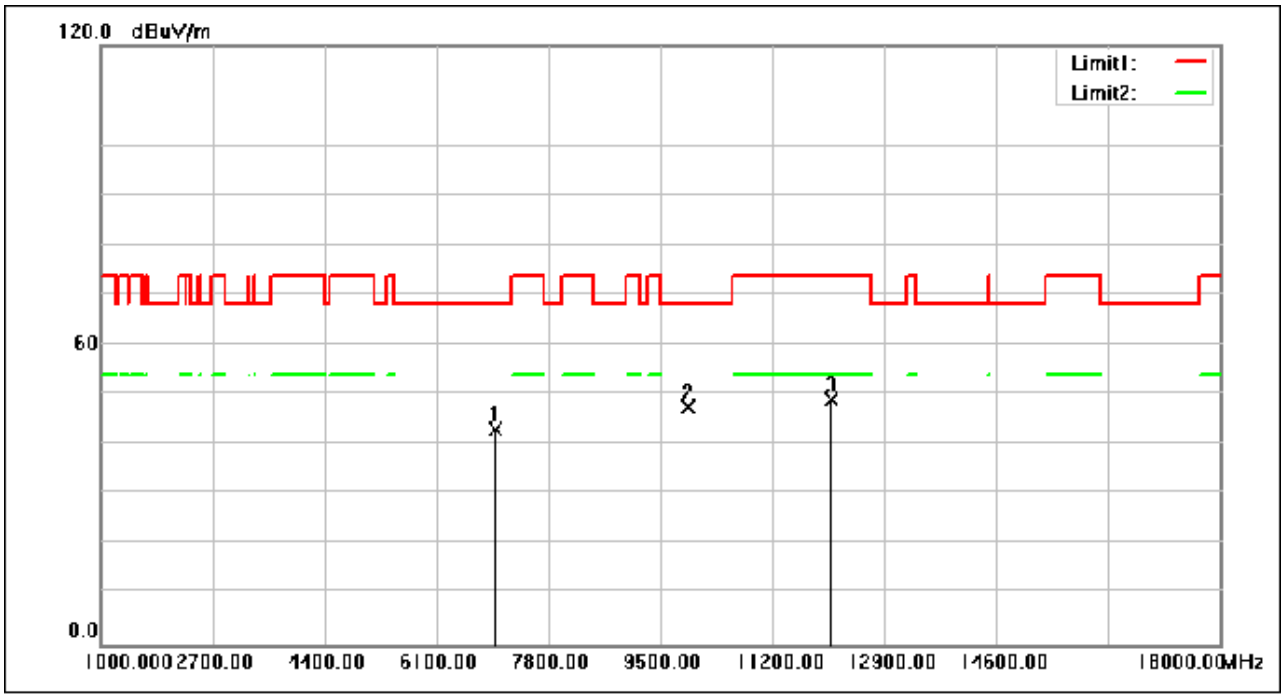
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6468.560	55.28	-13.38	41.90	68.30	-26.40	peak
2	7147.200	56.84	-11.50	45.34	68.30	-22.96	peak
3	9293.280	57.03	-8.35	48.68	68.30	-19.62	peak

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



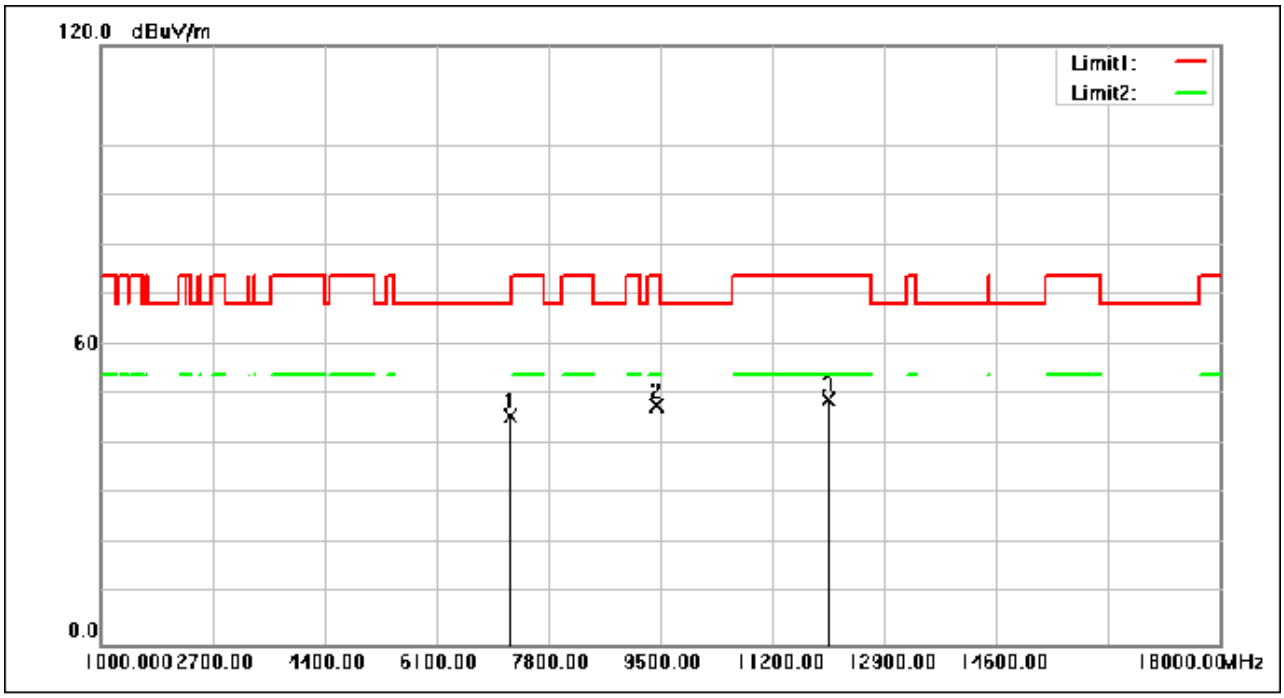
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7003.040	54.58	-11.56	43.02	68.30	-25.28	peak
2	8852.640	55.87	-9.17	46.70	68.30	-21.60	peak
3	9733.240	55.26	-7.51	47.75	68.30	-20.55	peak

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



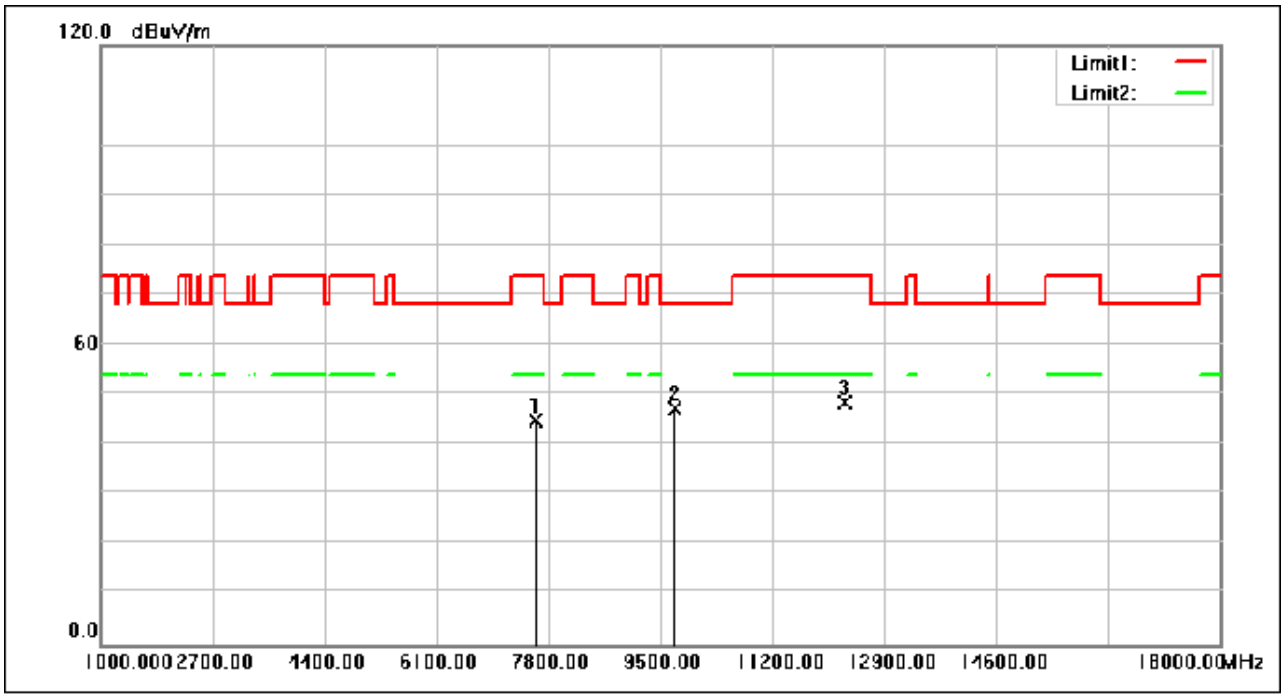
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7005.760	54.51	-11.56	42.95	68.30	-25.35	peak
2	9931.800	54.80	-7.31	47.49	68.30	-20.81	peak
3	12107.800	54.98	-5.94	49.04	74.00	-24.96	peak

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



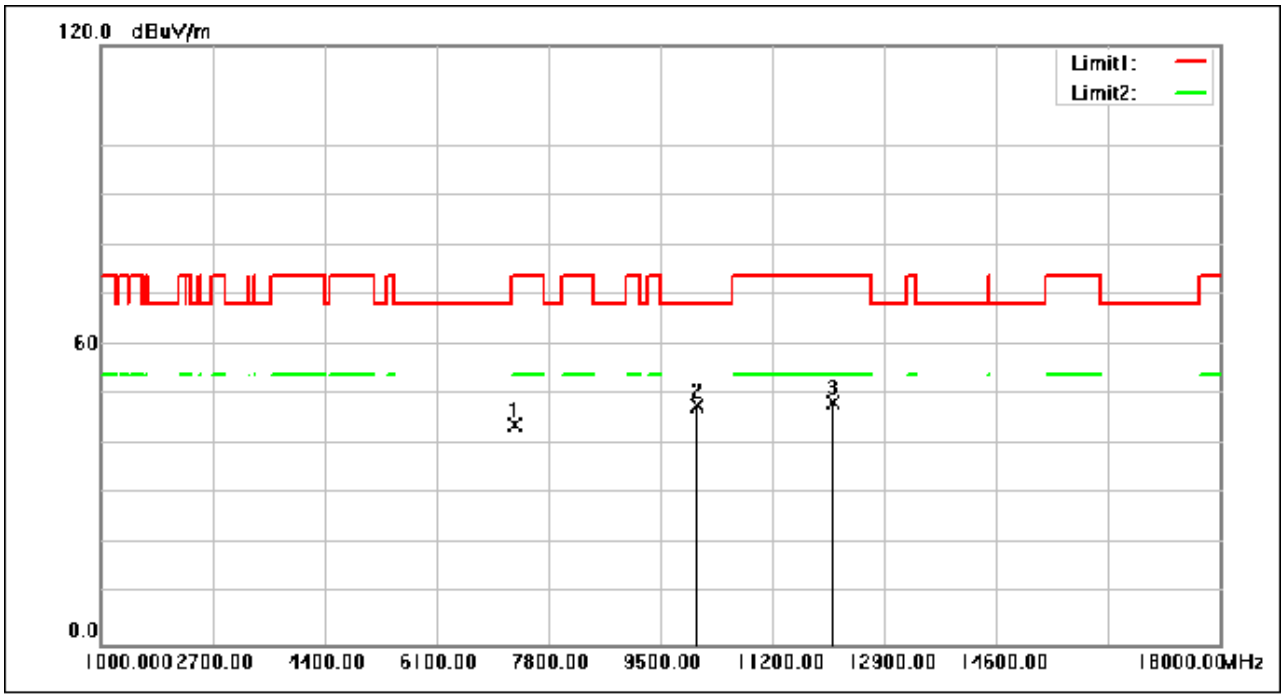
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7227.440	57.32	-11.47	45.85	68.30	-22.45	peak
2	9461.240	55.75	-8.03	47.72	74.00	-26.28	peak
3	12051.360	54.93	-5.91	49.02	74.00	-24.98	peak

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



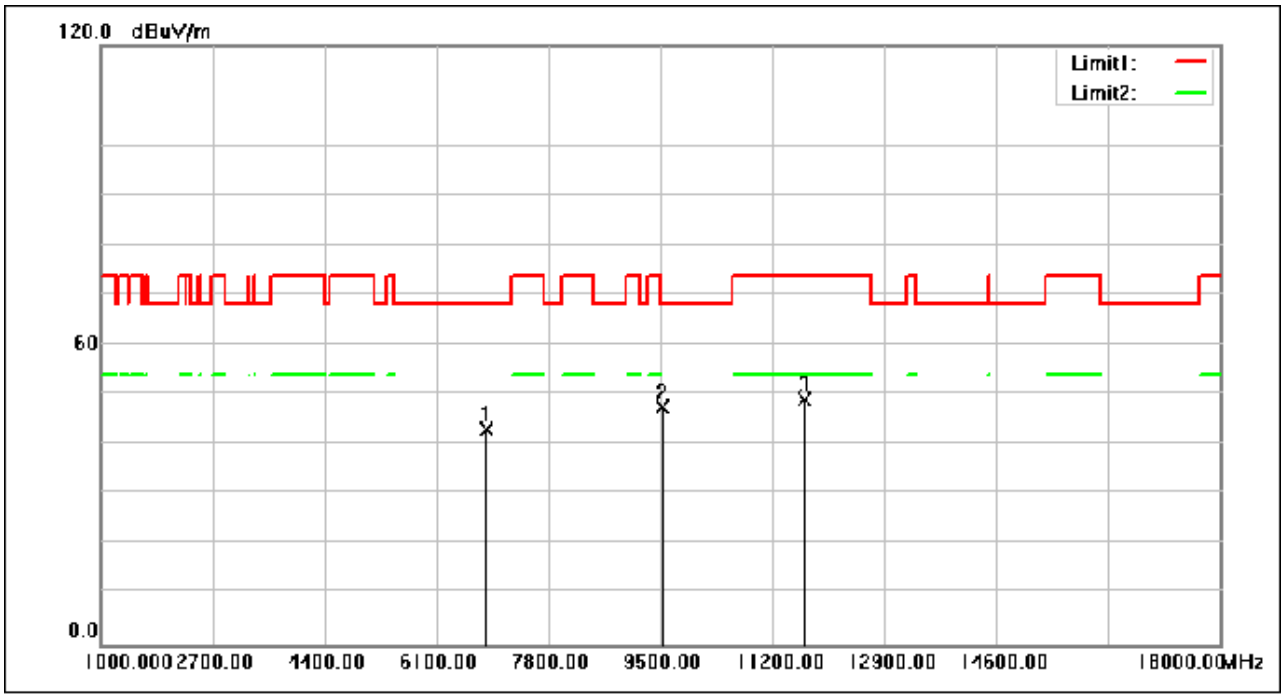
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7625.920	56.07	-11.10	44.97	74.00	-29.03	peak
2	9704.680	54.85	-7.57	47.28	68.30	-21.02	peak
3	12292.760	54.62	-6.02	48.60	74.00	-25.40	peak

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



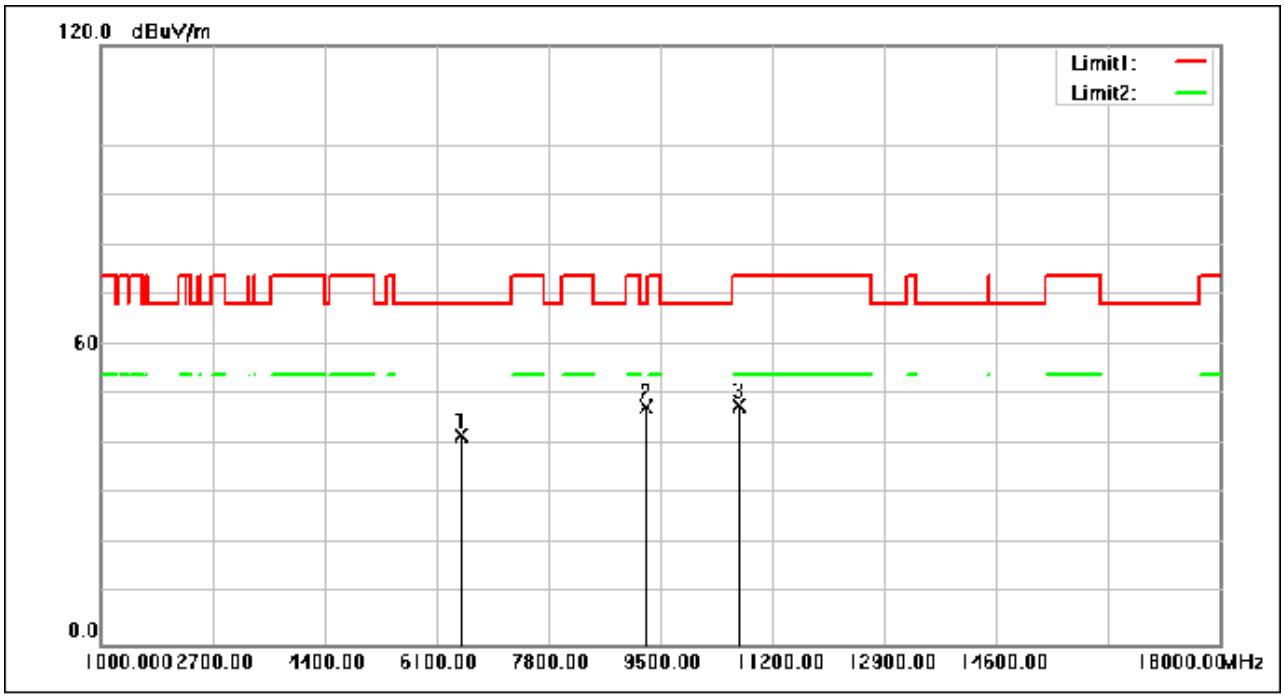
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7290.680	55.46	-11.44	44.02	74.00	-29.98	peak
2	10069.160	55.11	-7.29	47.82	68.30	-20.48	peak
3	12119.360	54.44	-5.94	48.50	74.00	-25.50	peak

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



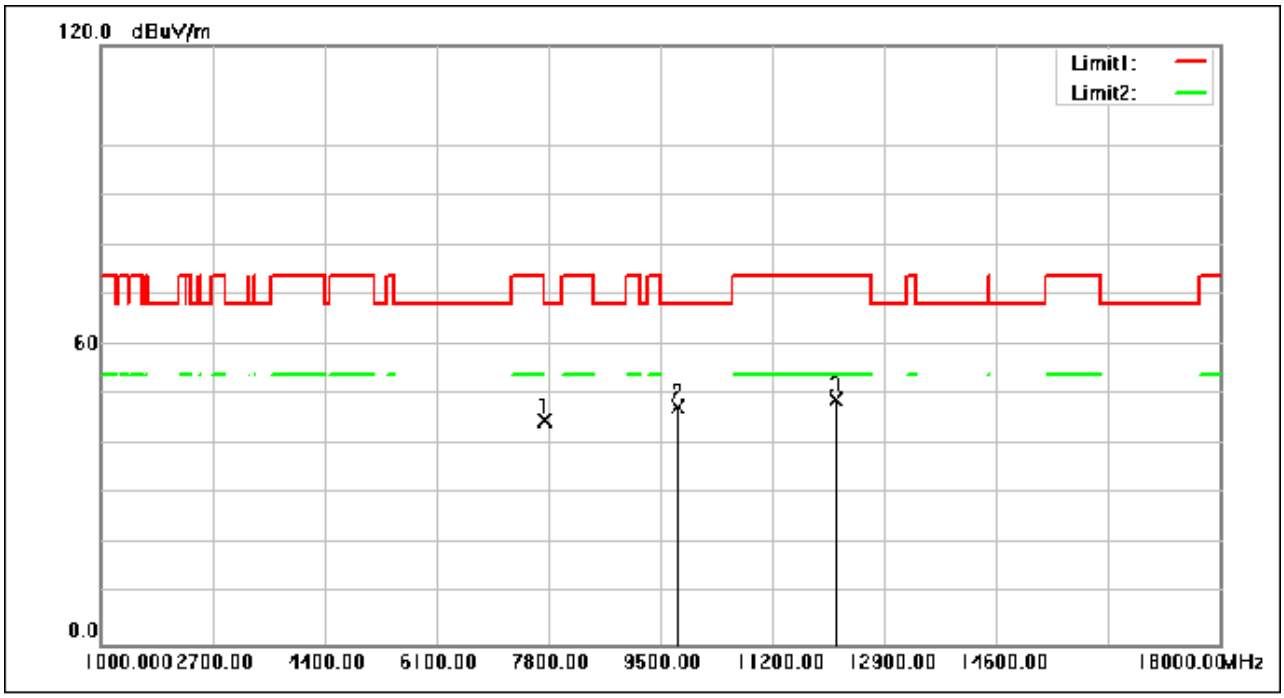
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6848.000	54.79	-11.83	42.96	68.30	-25.34	peak
2	9538.760	55.30	-7.88	47.42	68.30	-20.88	peak
3	11680.080	55.18	-6.21	48.97	74.00	-25.03	peak

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



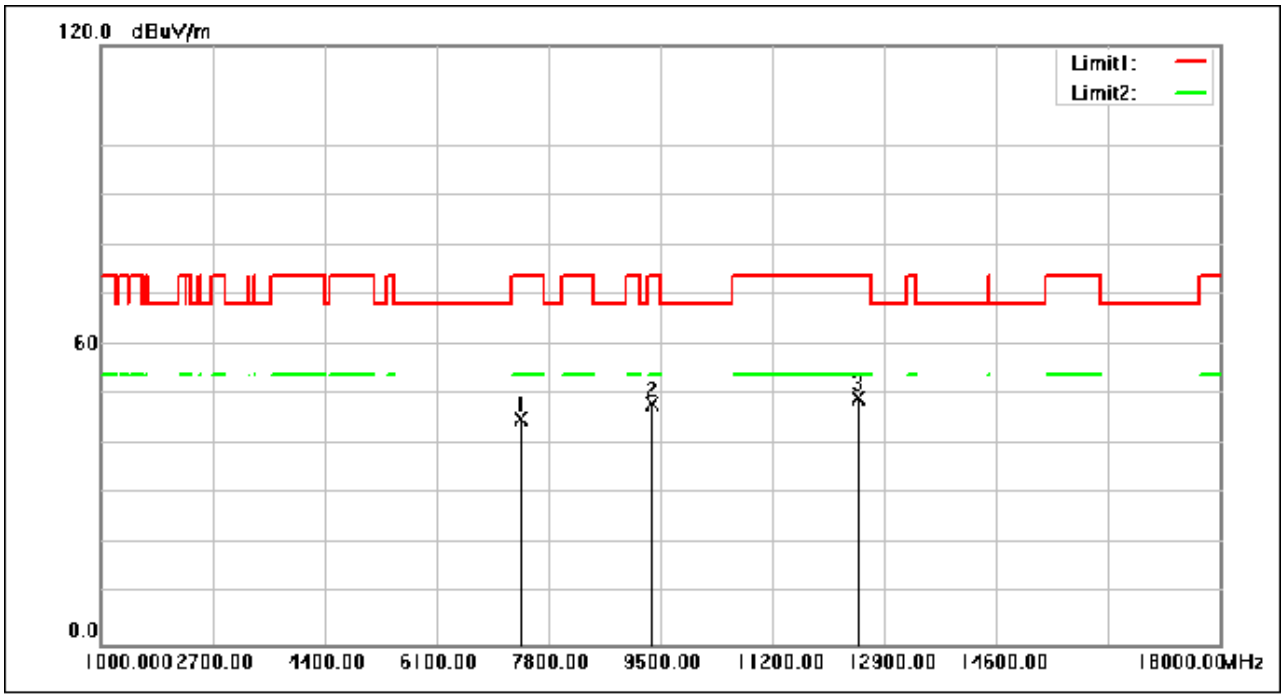
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6478.760	55.08	-13.33	41.75	68.30	-26.55	peak
2	9288.520	55.78	-8.35	47.43	68.30	-20.87	peak
3	10690.680	54.92	-6.93	47.99	74.00	-26.01	peak

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



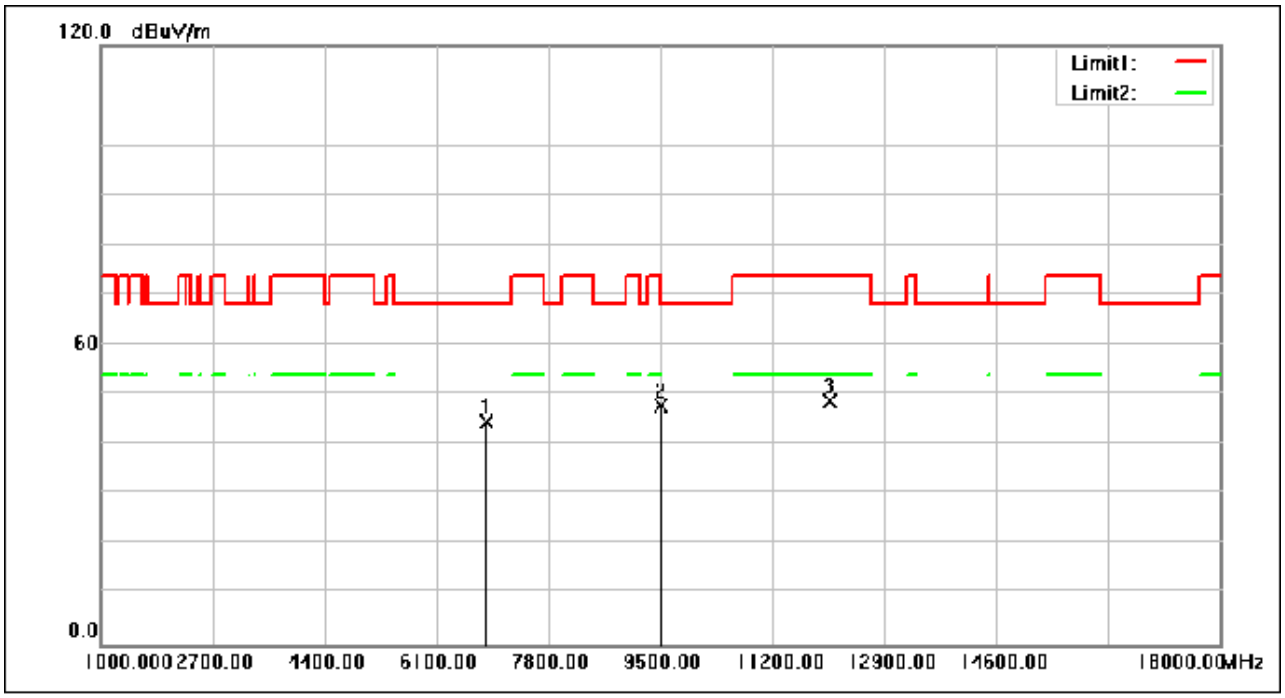
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7755.800	55.90	-10.92	44.98	68.30	-23.32	peak
2	9769.960	55.06	-7.45	47.61	68.30	-20.69	peak
3	12179.880	55.12	-5.97	49.15	74.00	-24.85	peak

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



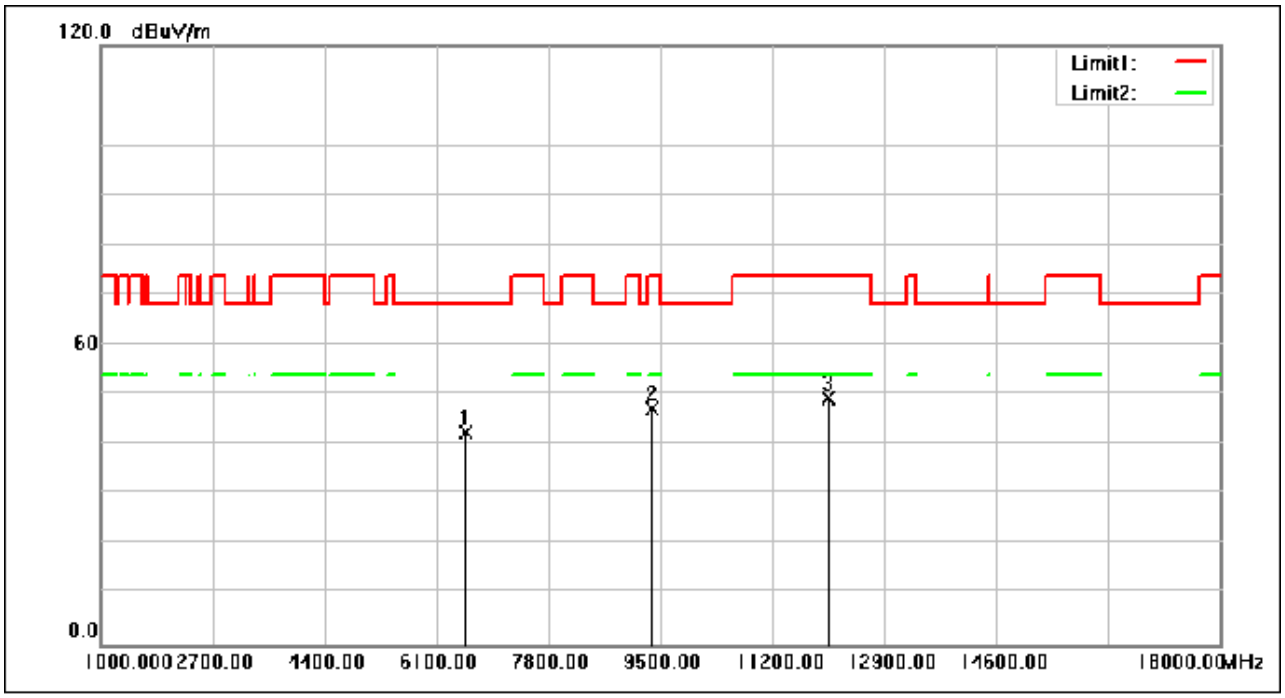
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	7375.680	56.58	-11.41	45.17	74.00	-28.83	peak
2	9387.800	56.30	-8.17	48.13	74.00	-25.87	peak
3	12502.200	55.35	-6.11	49.24	74.00	-24.76	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6854.120	56.27	-11.82	44.45	68.30	-23.85	peak
2	9523.800	55.78	-7.91	47.87	68.30	-20.43	peak
3	12069.040	54.68	-5.92	48.76	74.00	-25.24	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	6548.800	55.47	-12.97	42.50	68.30	-25.80	peak
2	9395.960	55.49	-8.15	47.34	74.00	-26.66	peak
3	12054.080	55.17	-5.91	49.26	74.00	-24.74	peak

7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: KDB 789033 D02 II G

Limit:

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

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

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

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

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

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

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

7.5.1 E.U.T. Operation

Operating Environment:

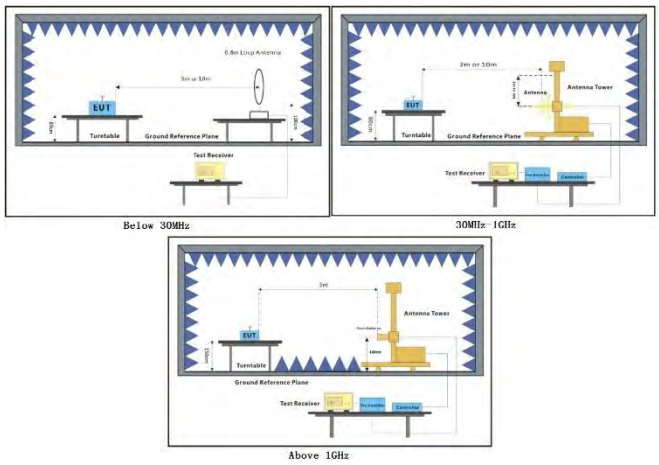
Temperature: 22.3 °C Humidity: 57.3 % RH Atmospheric Pressure: 1010 mbar

7.5.2 Test Mode Description

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

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

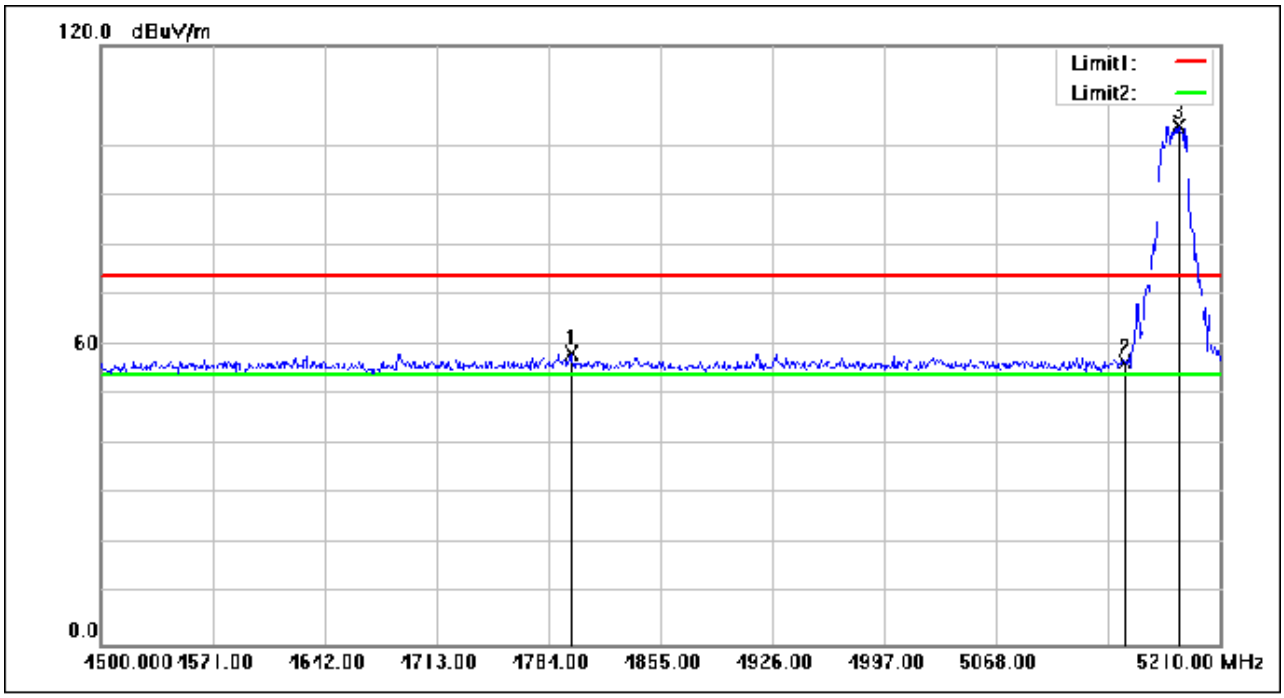
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor.

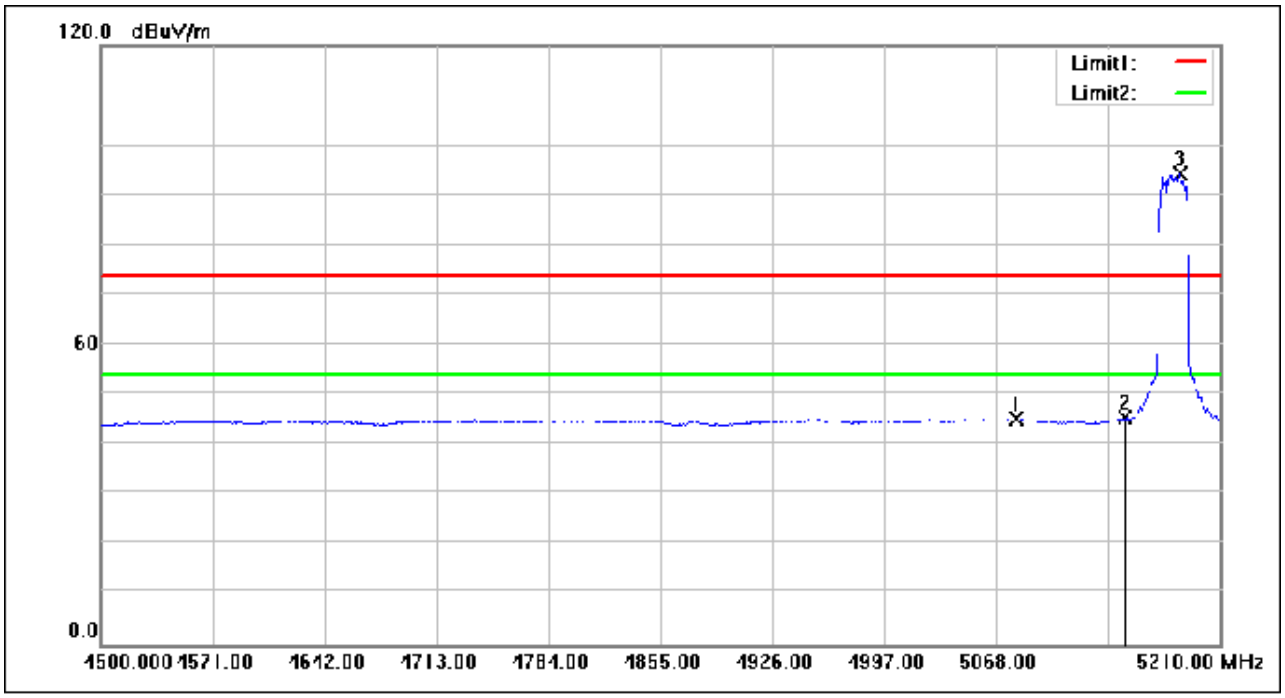
Remark 2: The EUT has two different types of adapters: the Power Adapter1 (S010-1A050150VUU) and the Power Adapter2 (TPA-141A050150UU01), both of which were pre-tested. Power Adapter1 is identified as the worst case, and only the worst results are reflected in the report.

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



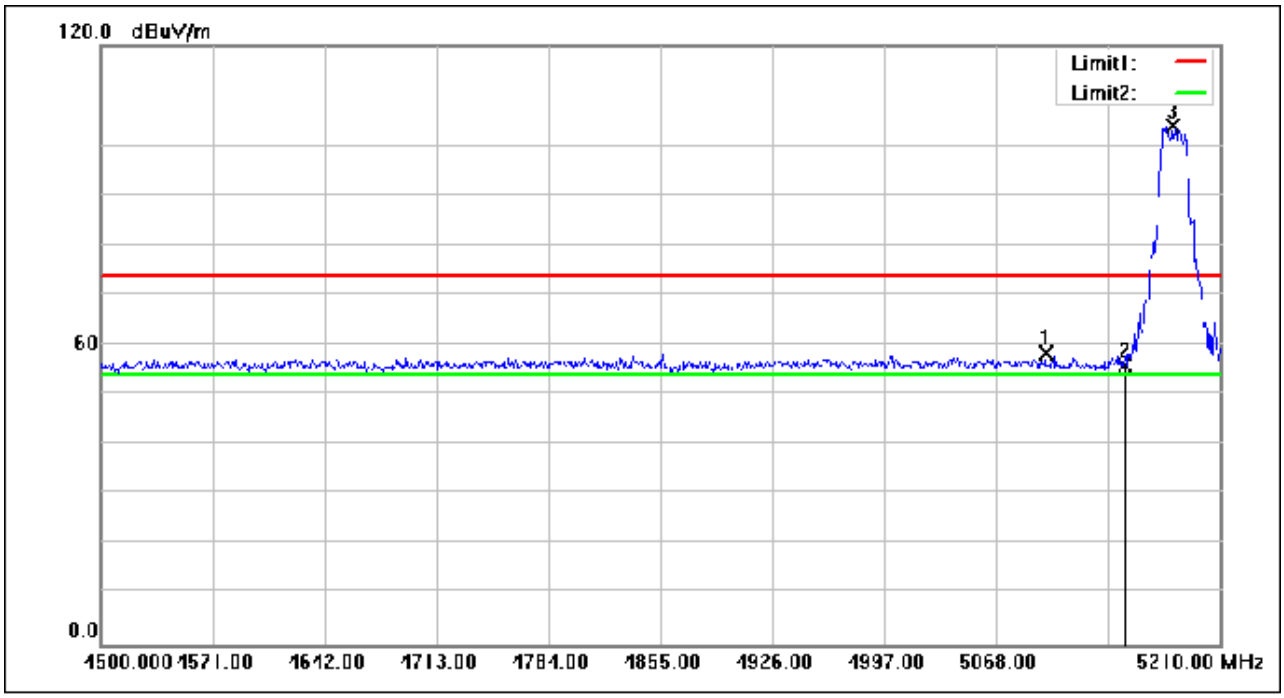
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4798.200	76.84	-18.57	58.27	74.00	-15.73	peak
2	5150.000	74.84	-18.21	56.63	74.00	-17.37	peak
3	5183.730	122.23	-18.16	104.07	74.00	30.07	peak

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



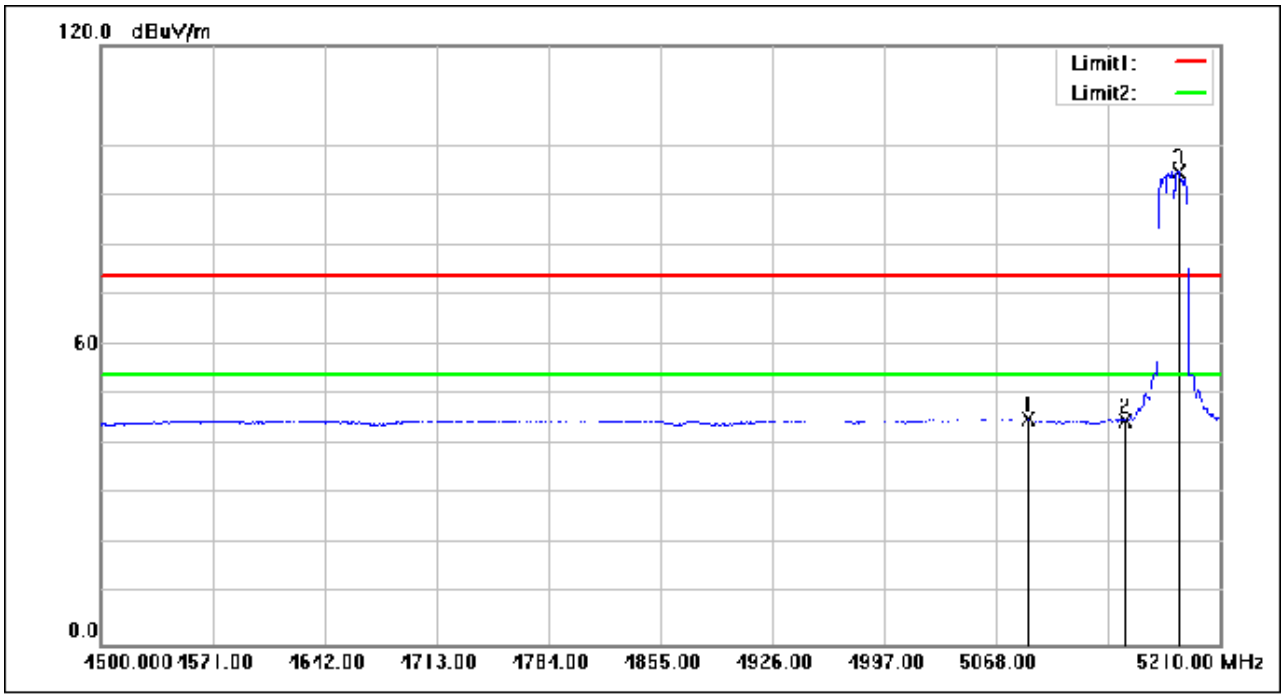
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5080.780	63.45	-18.31	45.14	54.00	-8.86	AVG
2	5150.000	63.52	-18.21	45.31	54.00	-8.69	AVG
3	5184.440	112.50	-18.16	94.34	54.00	40.34	AVG

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



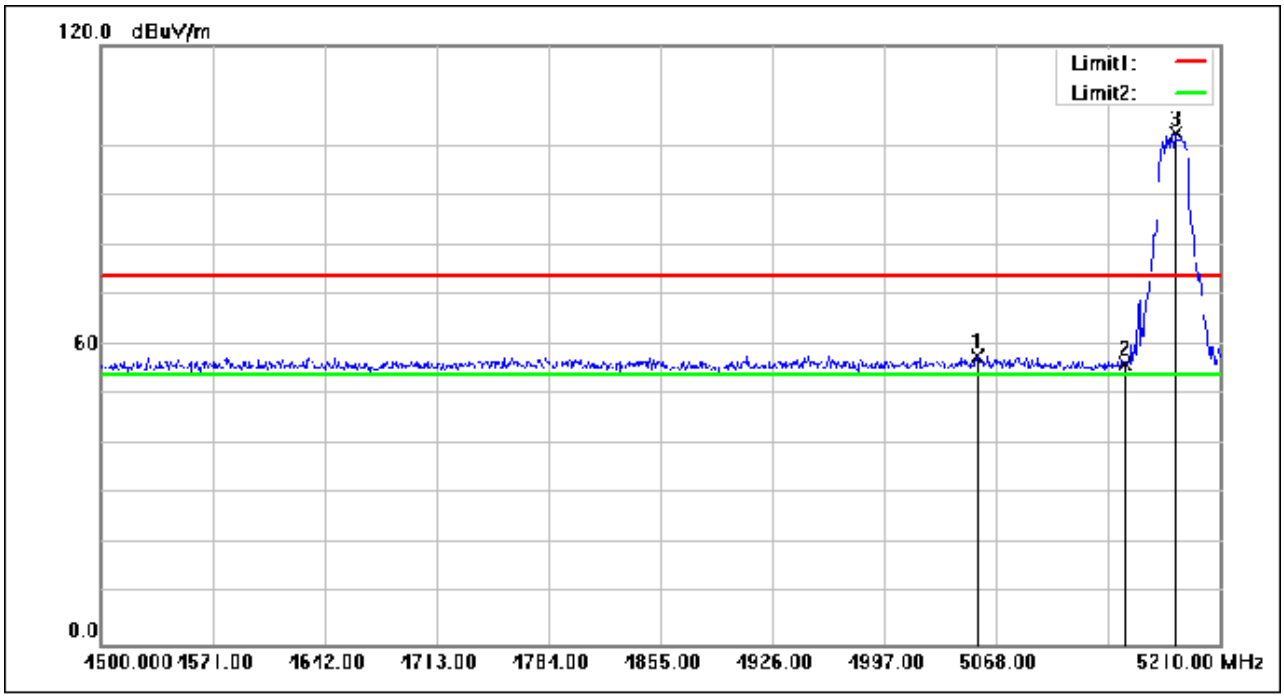
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5099.240	76.58	-18.29	58.29	74.00	-15.71	peak
2	5150.000	74.09	-18.21	55.88	74.00	-18.12	peak
3	5180.180	122.19	-18.17	104.02	74.00	30.02	peak

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



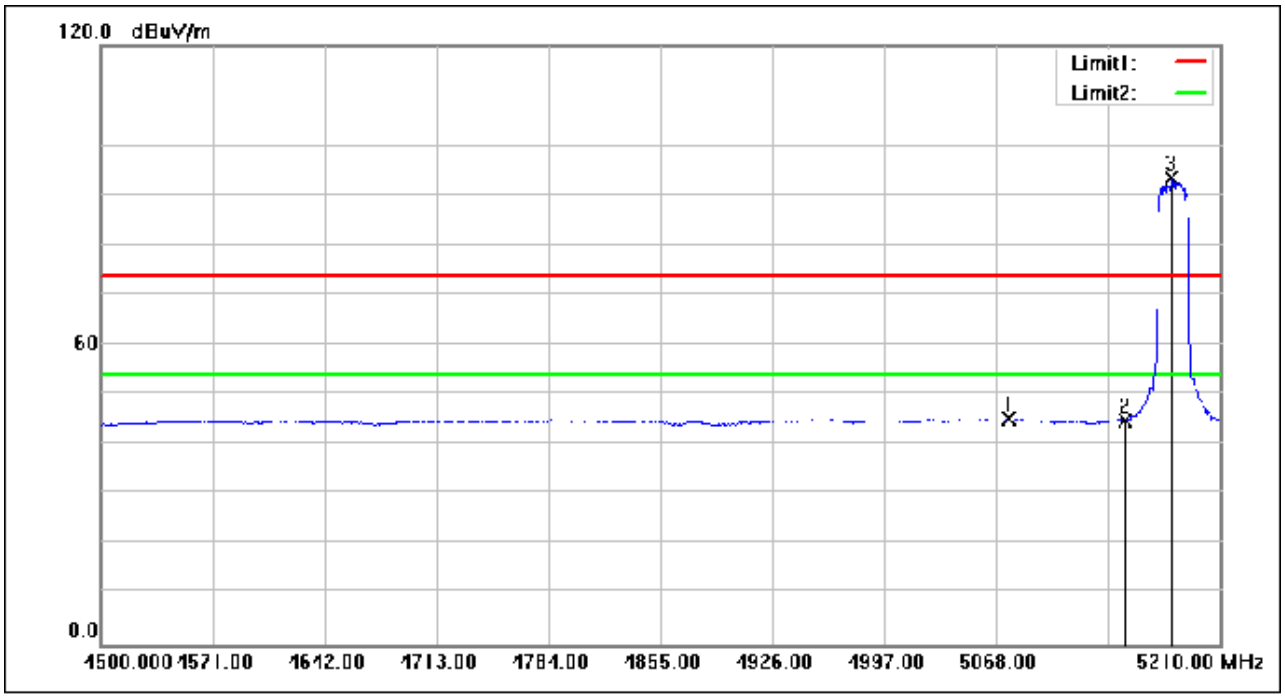
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5088.590	63.32	-18.31	45.01	54.00	-8.99	AVG
2	5150.000	62.99	-18.21	44.78	54.00	-9.22	AVG
3	5183.730	112.90	-18.16	94.74	54.00	40.74	AVG

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



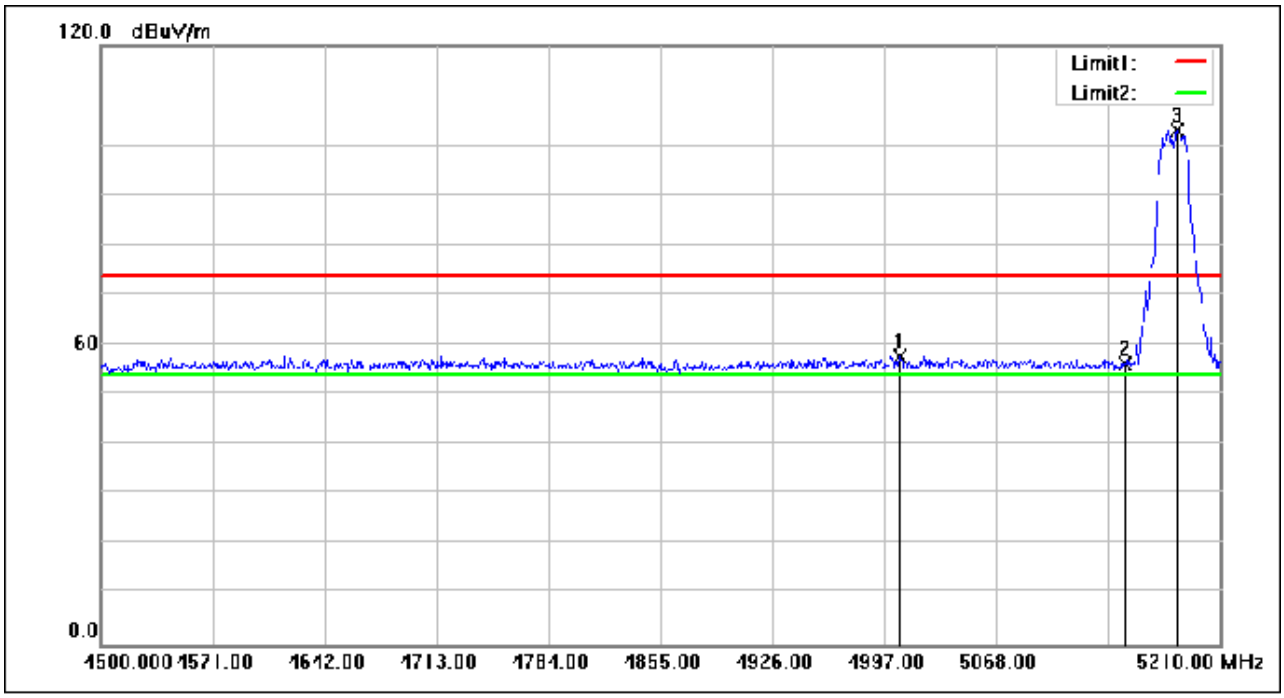
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5055.930	76.19	-18.35	57.84	74.00	-16.16	peak
2	5150.000	74.37	-18.21	56.16	74.00	-17.84	peak
3	5181.600	120.62	-18.17	102.45	74.00	28.45	peak

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



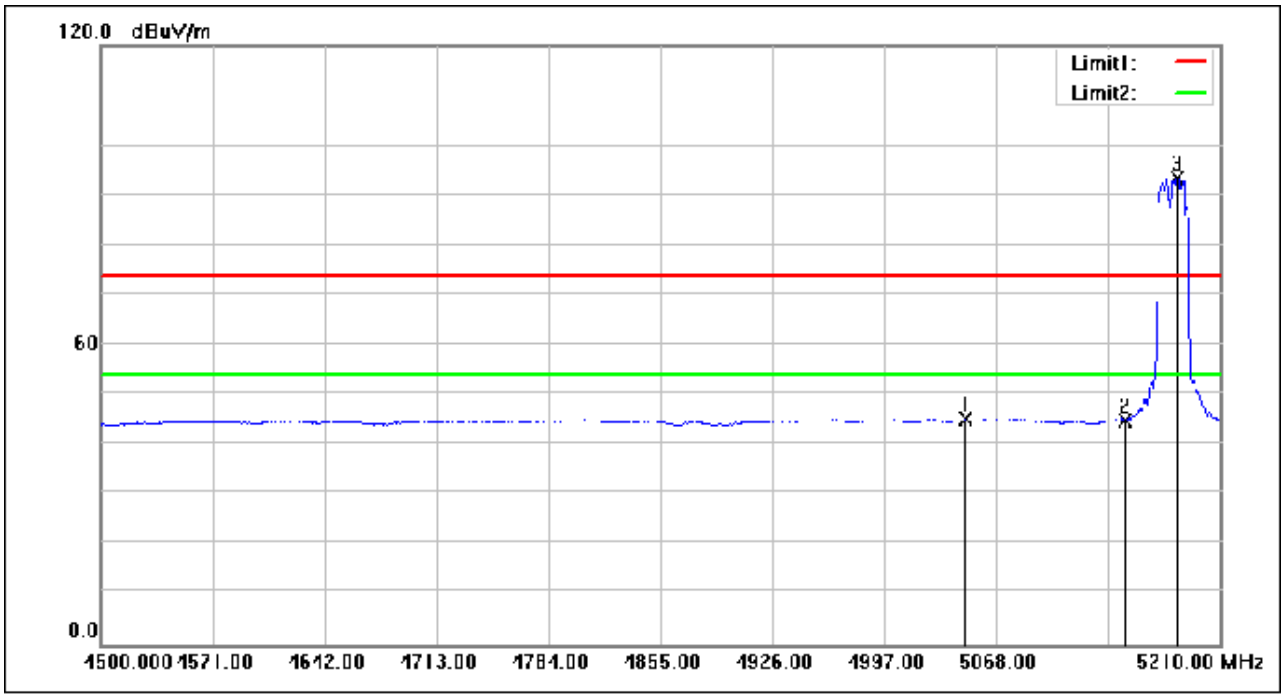
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5075.810	63.37	-18.32	45.05	54.00	-8.95	AVG
2	5150.000	63.21	-18.21	45.00	54.00	-9.00	AVG
3	5179.470	111.69	-18.17	93.52	54.00	39.52	AVG

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



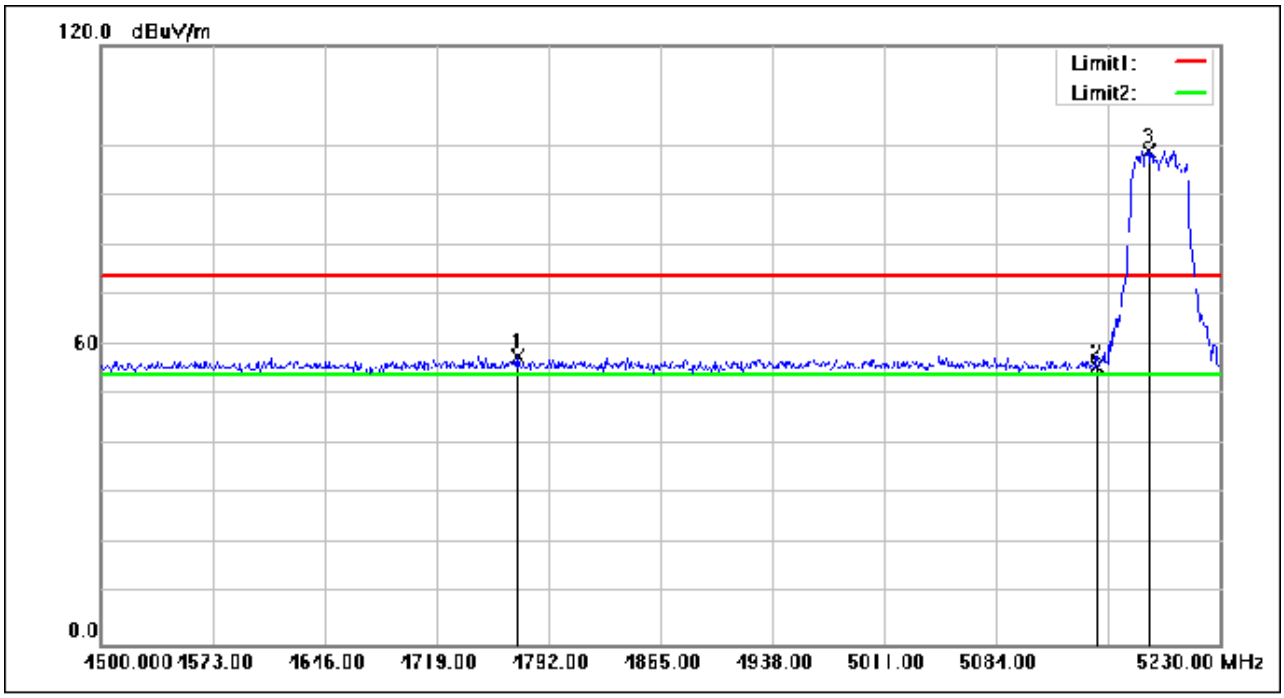
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5006.940	76.25	-18.44	57.81	74.00	-16.19	peak
2	5150.000	74.44	-18.21	56.23	74.00	-17.77	peak
3	5183.020	121.35	-18.16	103.19	74.00	29.19	peak

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



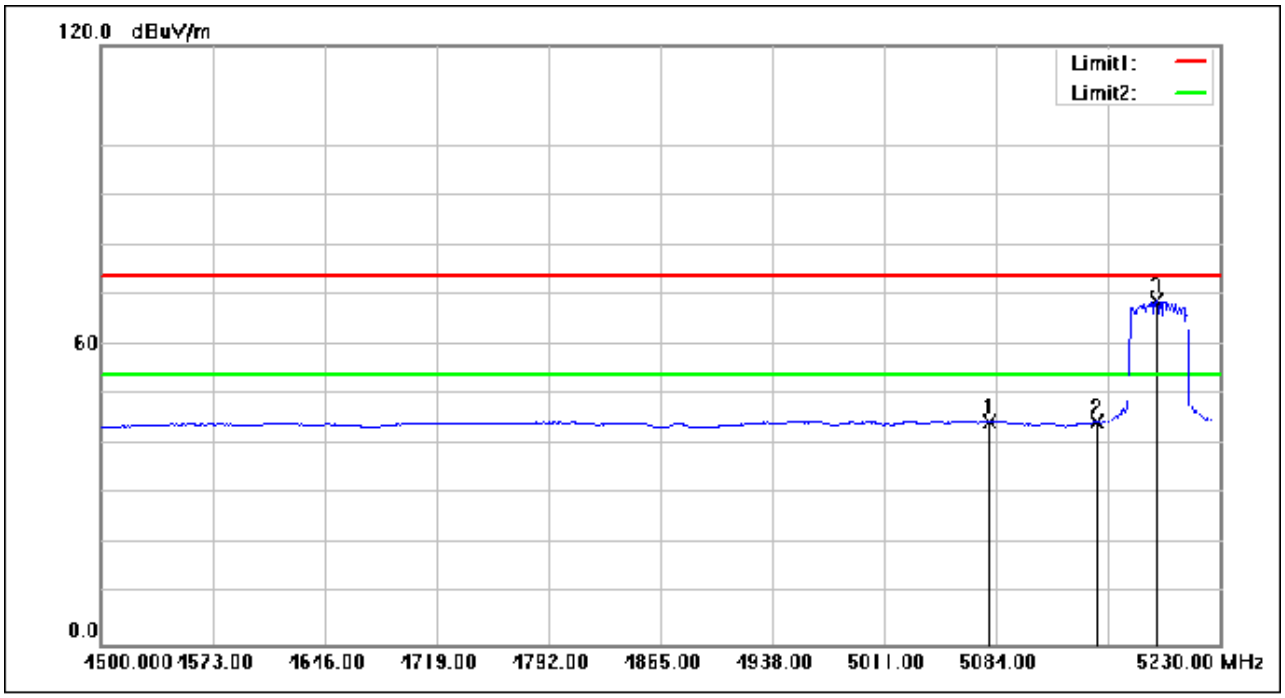
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5048.120	63.51	-18.37	45.14	54.00	-8.86	AVG
2	5150.000	63.18	-18.21	44.97	54.00	-9.03	AVG
3	5183.020	111.51	-18.16	93.35	54.00	39.35	AVG

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



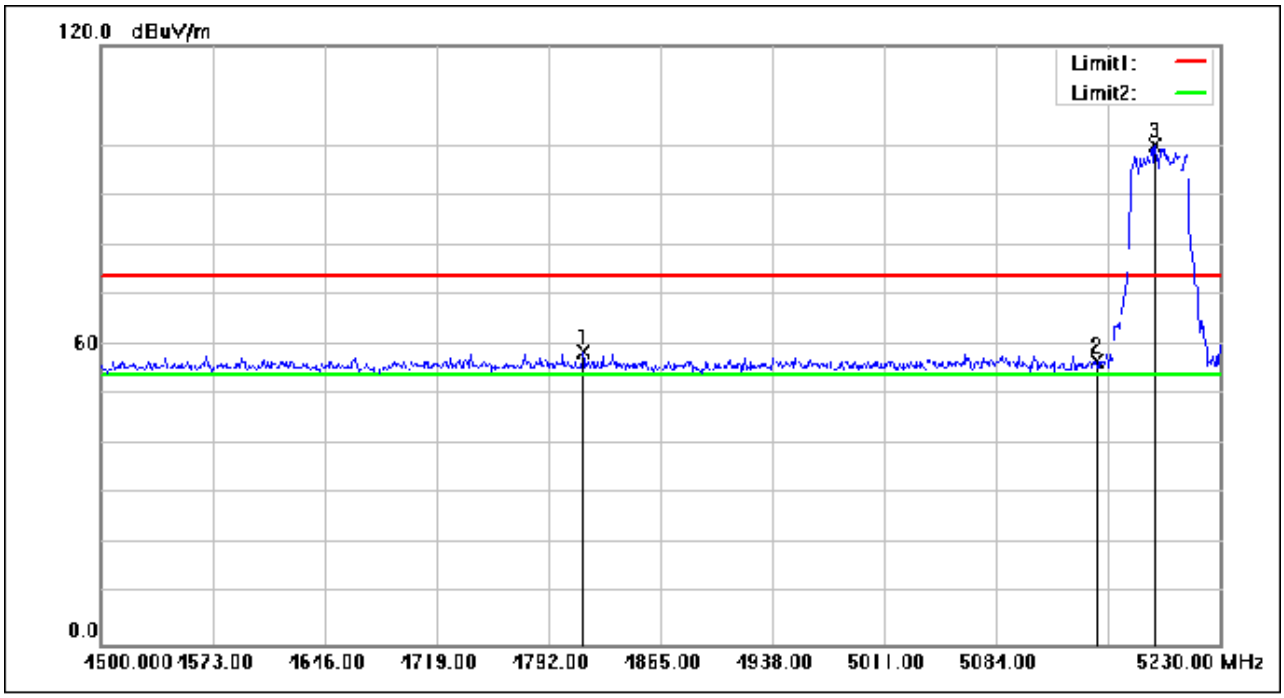
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4772.290	76.36	-18.58	57.78	74.00	-16.22	peak
2	5150.000	73.89	-18.21	55.68	74.00	-18.32	peak
3	5183.280	117.03	-18.16	98.87	74.00	24.87	peak

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



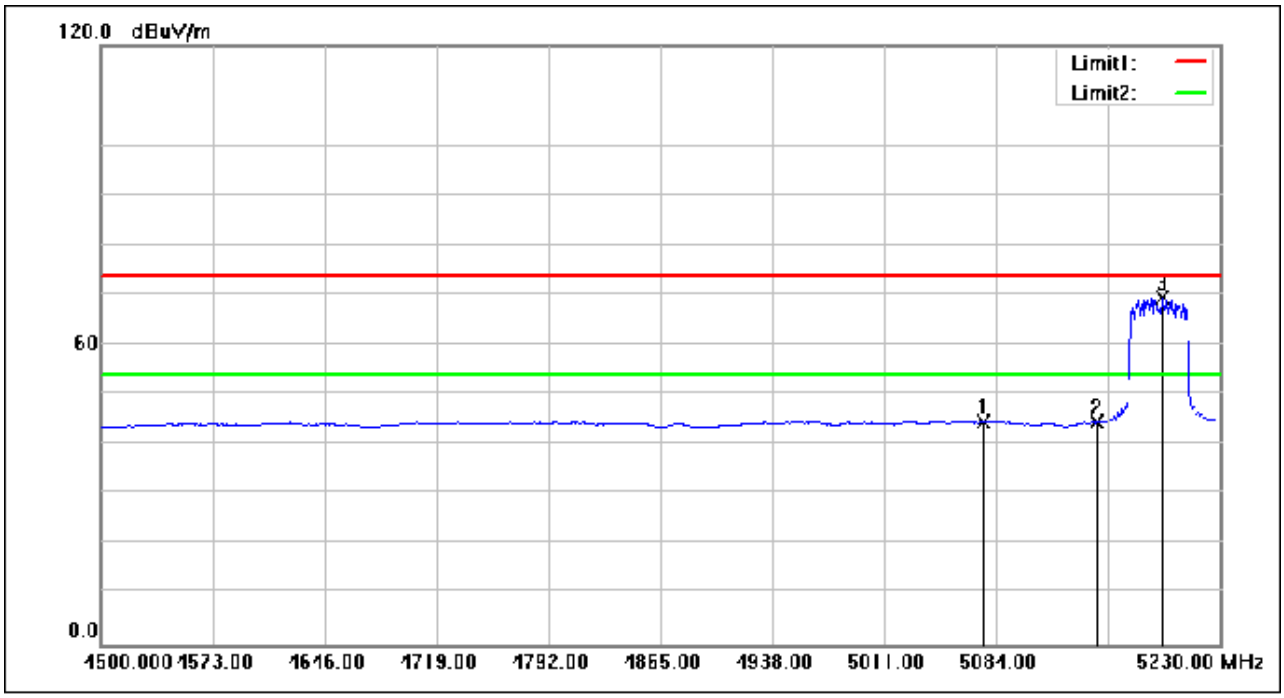
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5079.620	62.91	-18.32	44.59	54.00	-9.41	AVG
2	5150.000	62.70	-18.21	44.49	54.00	-9.51	AVG
3	5188.390	86.90	-18.16	68.74	54.00	14.74	AVG

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



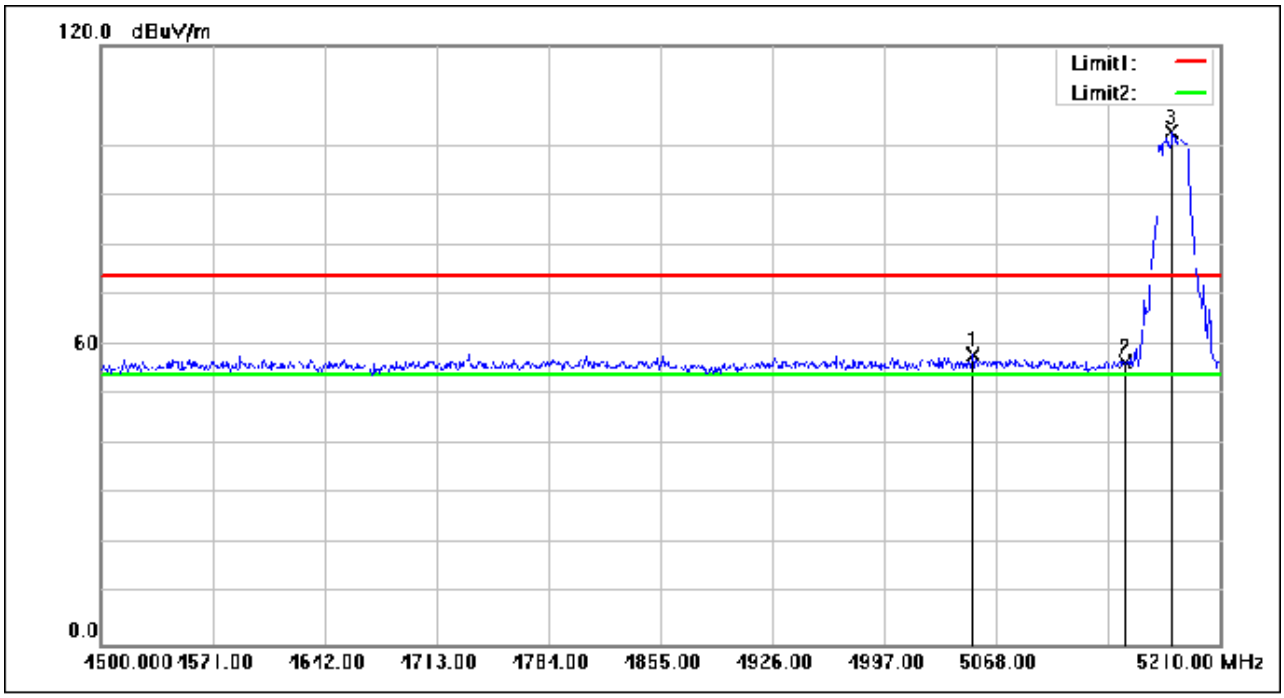
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4814.630	77.30	-18.56	58.74	74.00	-15.26	peak
2	5150.000	74.91	-18.21	56.70	74.00	-17.30	peak
3	5187.660	118.17	-18.16	100.01	74.00	26.01	peak

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



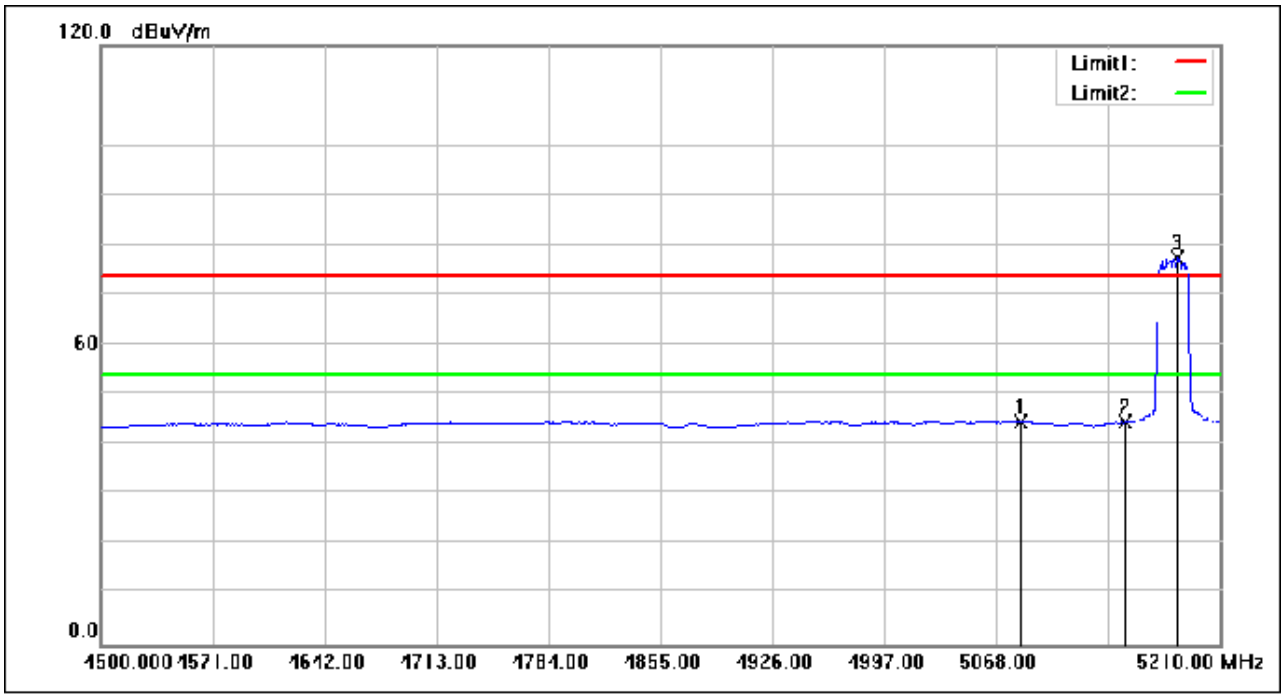
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5075.970	62.95	-18.32	44.63	54.00	-9.37	AVG
2	5150.000	62.77	-18.21	44.56	54.00	-9.44	AVG
3	5192.770	87.52	-18.15	69.37	54.00	15.37	AVG

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



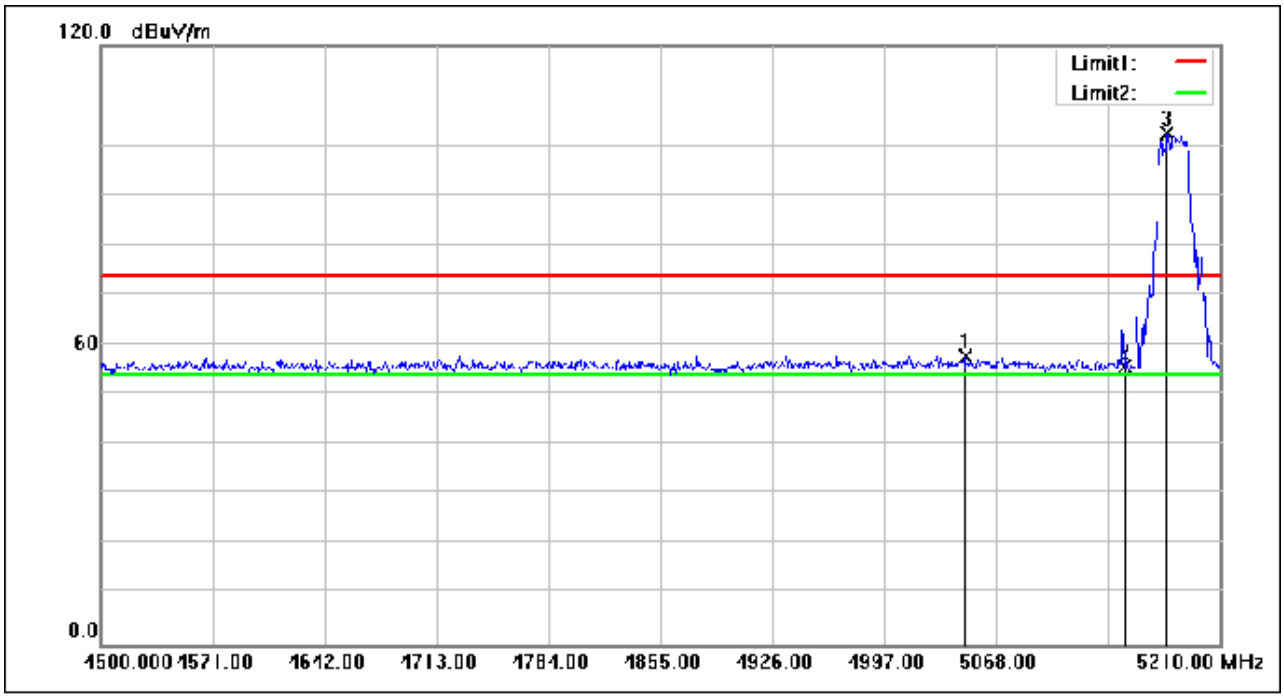
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5053.090	76.26	-18.35	57.91	74.00	-16.09	peak
2	5150.000	74.78	-18.21	56.57	74.00	-17.43	peak
3	5179.470	120.91	-18.17	102.74	74.00	28.74	peak

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



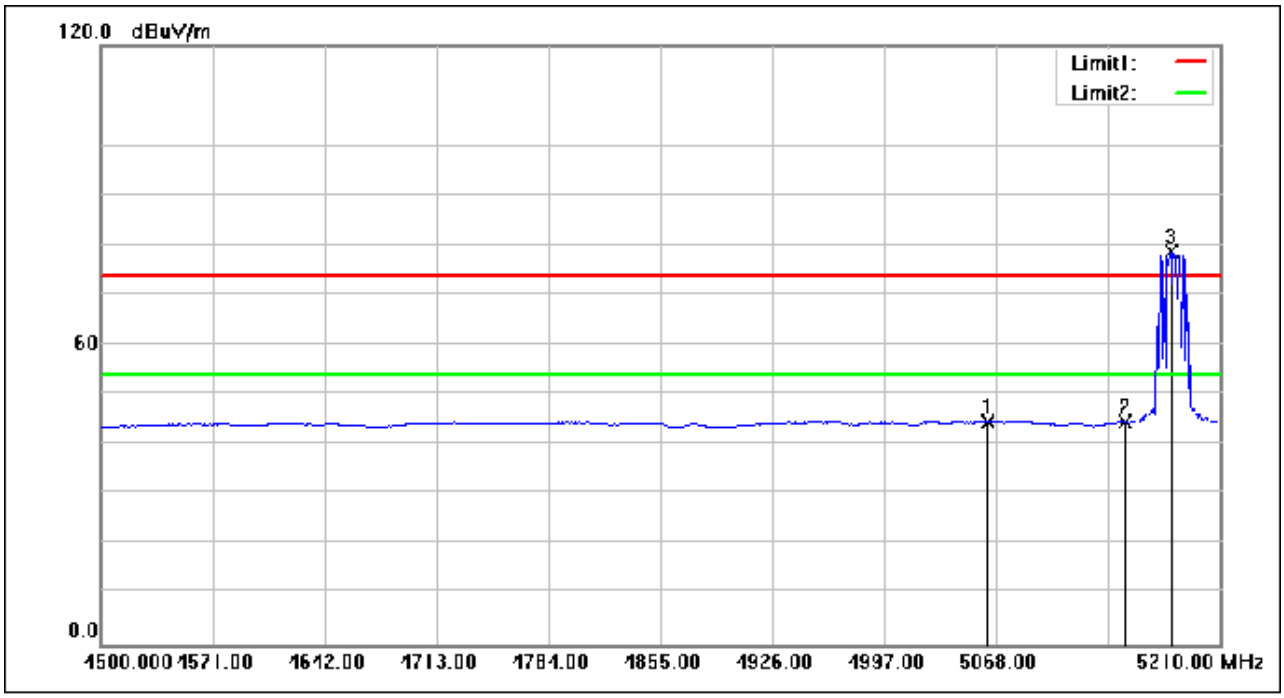
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5083.620	62.94	-18.31	44.63	54.00	-9.37	AVG
2	5150.000	62.65	-18.21	44.44	54.00	-9.56	AVG
3	5183.020	95.68	-18.16	77.52	54.00	23.52	AVG

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



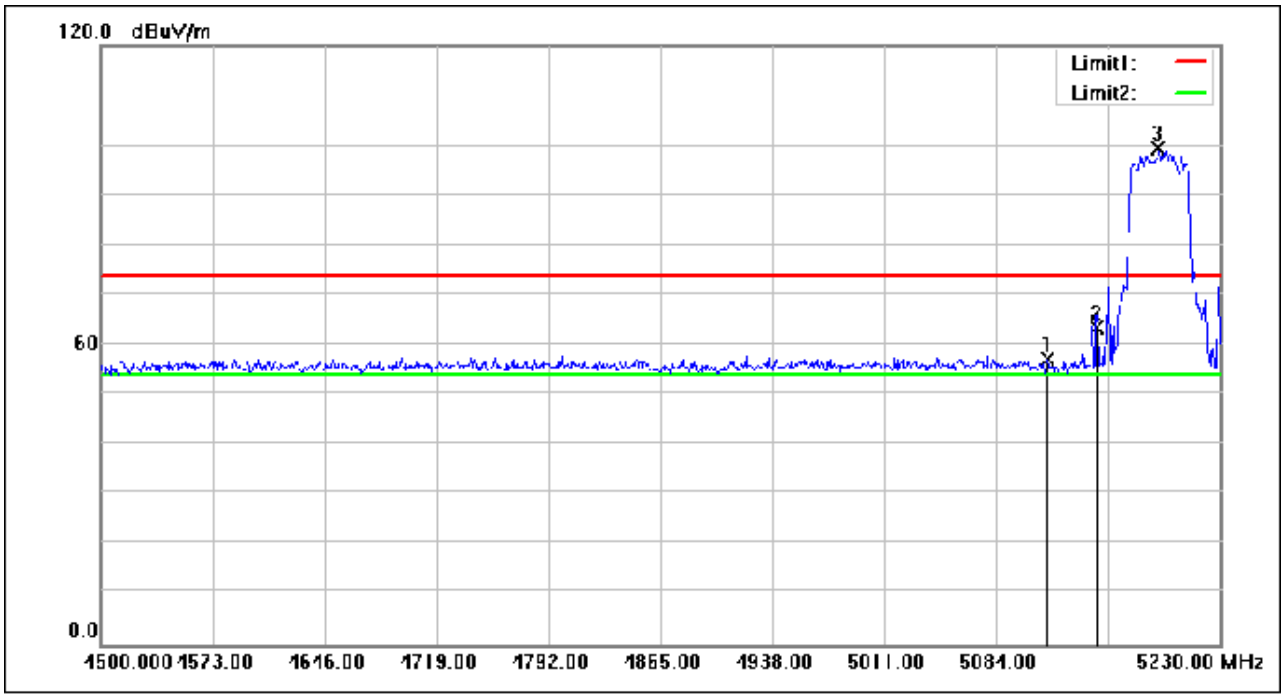
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5048.120	76.13	-18.37	57.76	74.00	-16.24	peak
2	5150.000	73.83	-18.21	55.62	74.00	-18.38	peak
3	5176.630	120.50	-18.17	102.33	74.00	28.33	peak

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



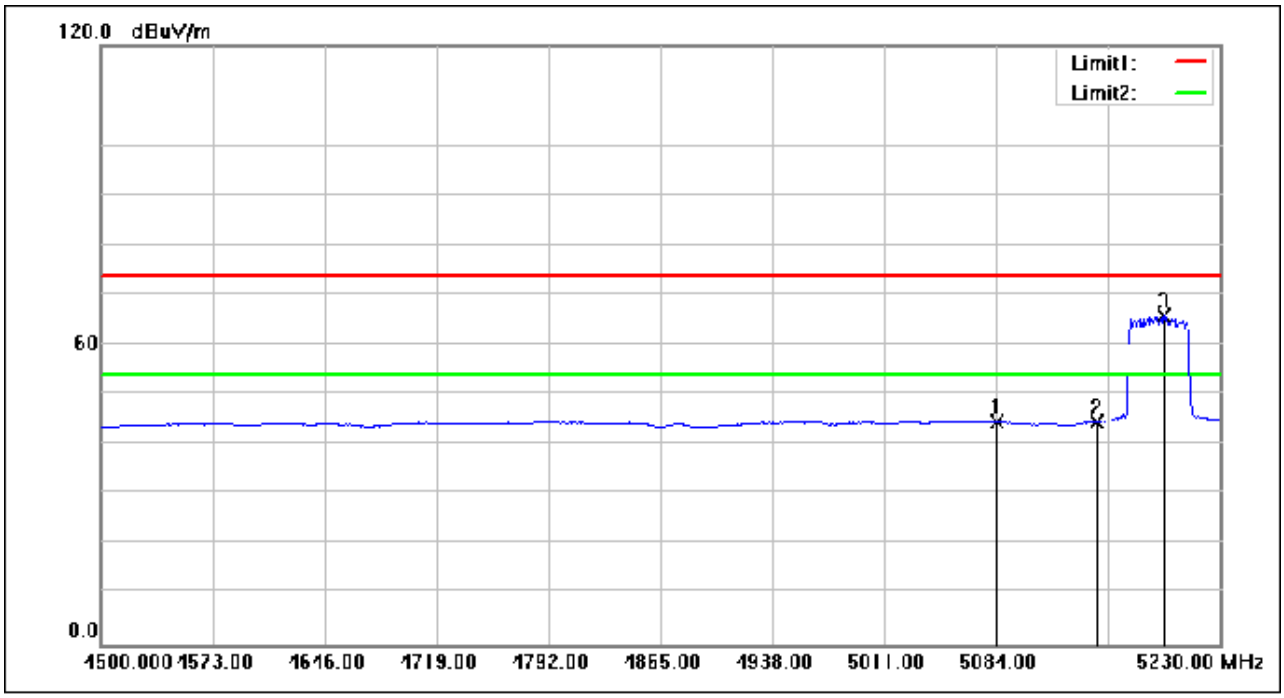
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5063.030	62.96	-18.34	44.62	54.00	-9.38	AVG
2	5150.000	62.76	-18.21	44.55	54.00	-9.45	AVG
3	5178.760	96.82	-18.17	78.65	54.00	24.65	AVG

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



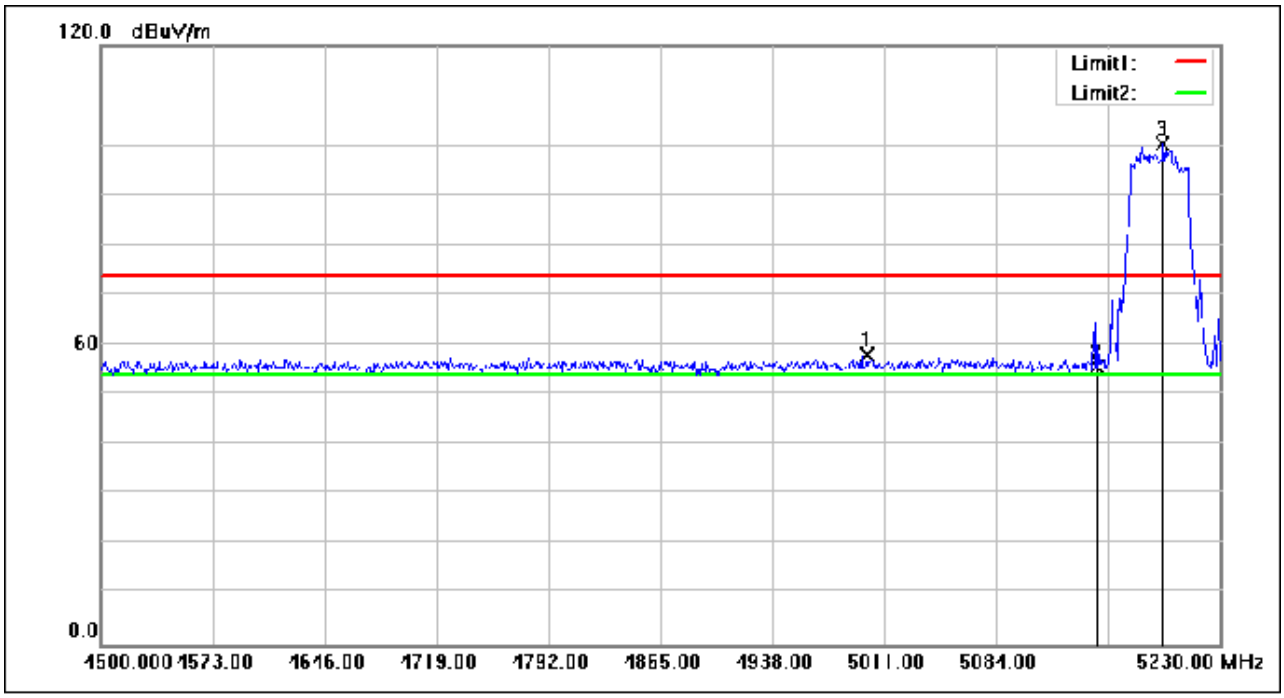
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5117.580	75.38	-18.26	57.12	74.00	-16.88	peak
2	5150.000	81.81	-18.21	63.60	74.00	-10.40	peak
3	5189.850	117.67	-18.16	99.51	74.00	25.51	peak

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



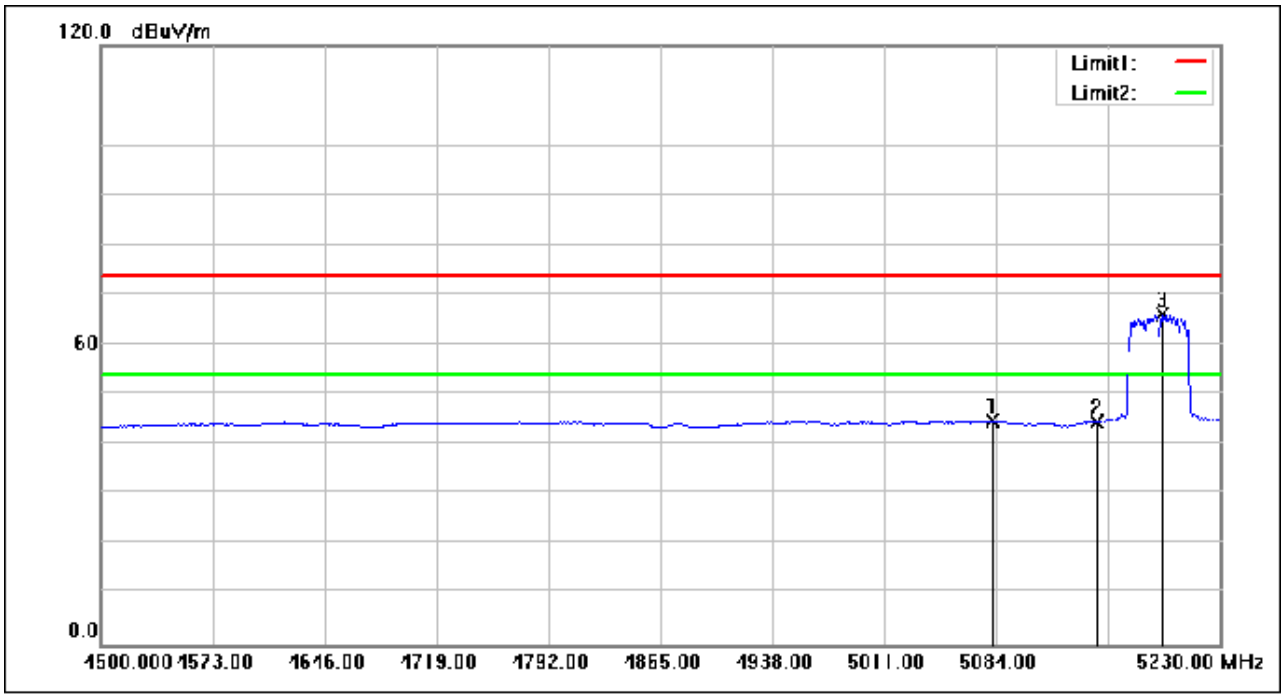
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5084.730	62.98	-18.31	44.67	54.00	-9.33	AVG
2	5150.000	62.78	-18.21	44.57	54.00	-9.43	AVG
3	5193.500	83.89	-18.14	65.75	54.00	11.75	AVG

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



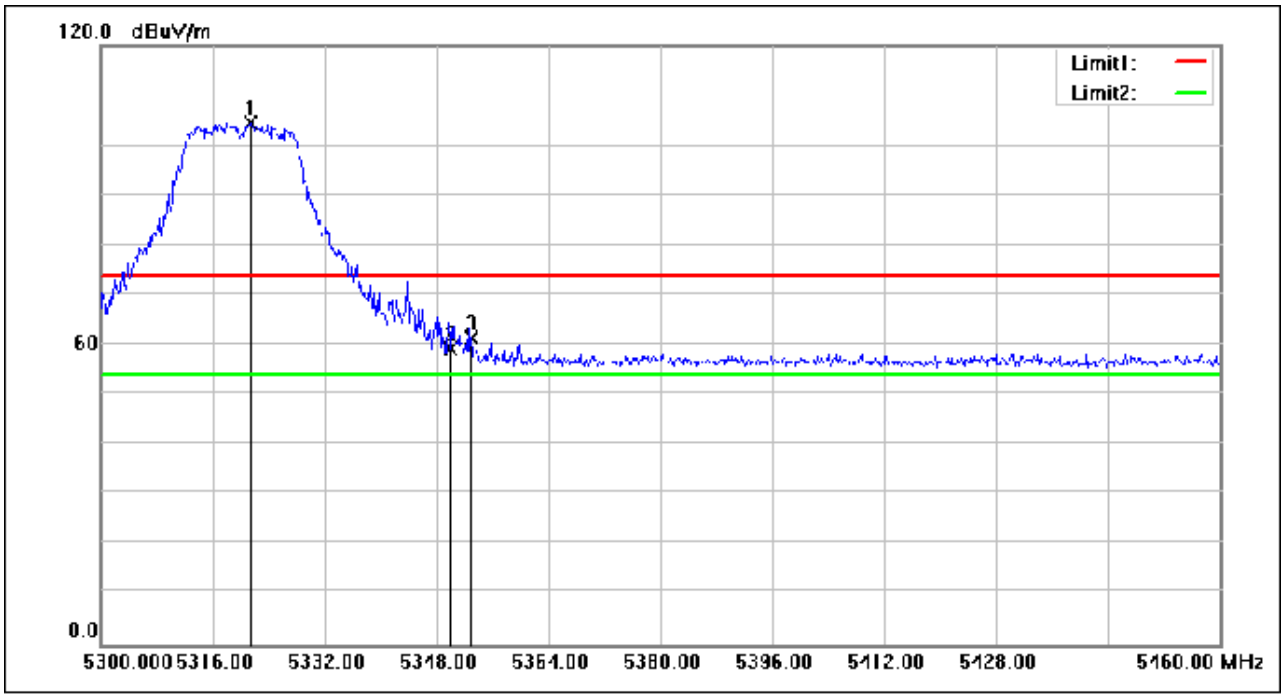
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4999.320	76.46	-18.45	58.01	74.00	-15.99	peak
2	5150.000	73.86	-18.21	55.65	74.00	-18.35	peak
3	5192.770	118.59	-18.15	100.44	74.00	26.44	peak

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



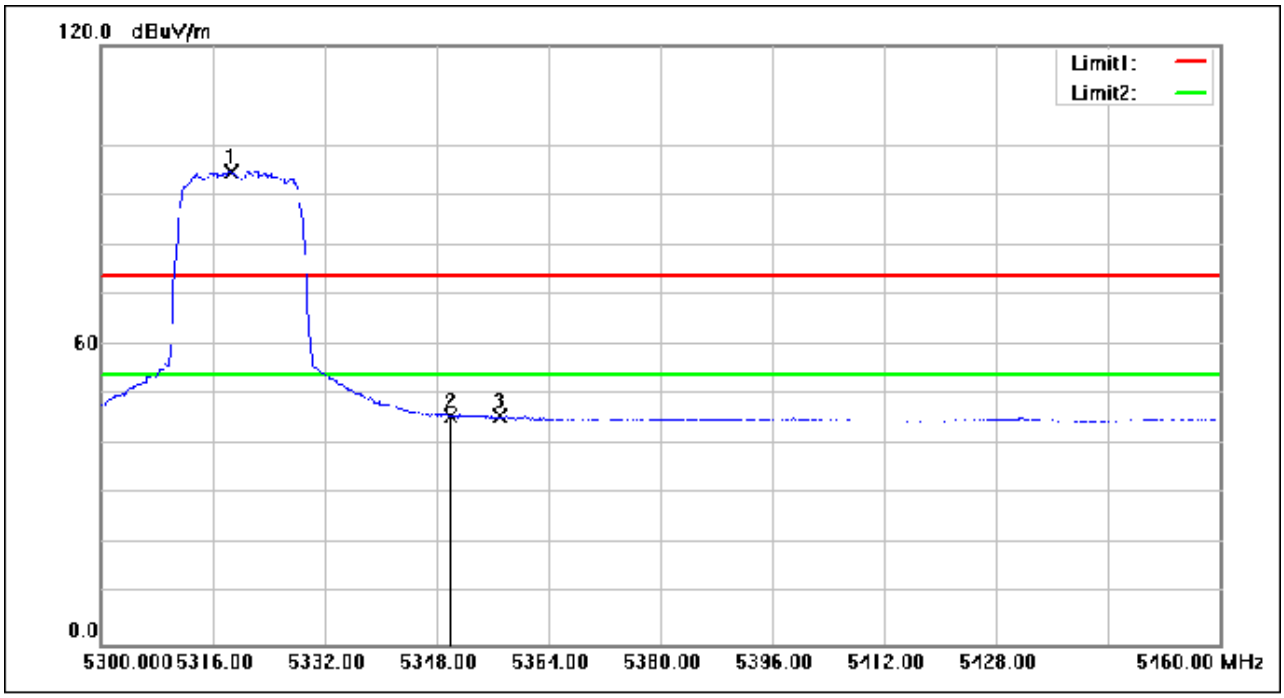
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5081.080	63.02	-18.31	44.71	54.00	-9.29	AVG
2	5150.000	62.72	-18.21	44.51	54.00	-9.49	AVG
3	5192.770	84.28	-18.15	66.13	54.00	12.13	AVG

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



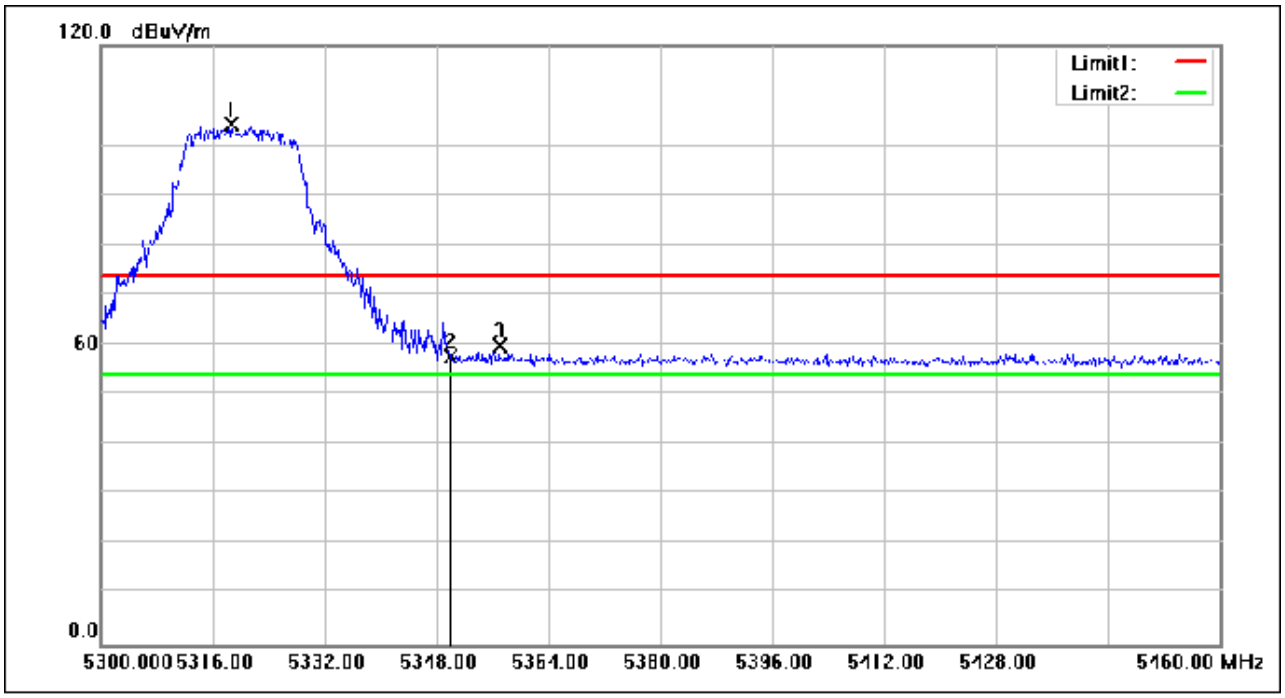
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.440	122.52	-17.96	104.56	74.00	30.56	peak
2	5350.000	77.24	-17.92	59.32	74.00	-14.68	peak
3	5352.960	79.23	-17.91	61.32	74.00	-12.68	peak

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



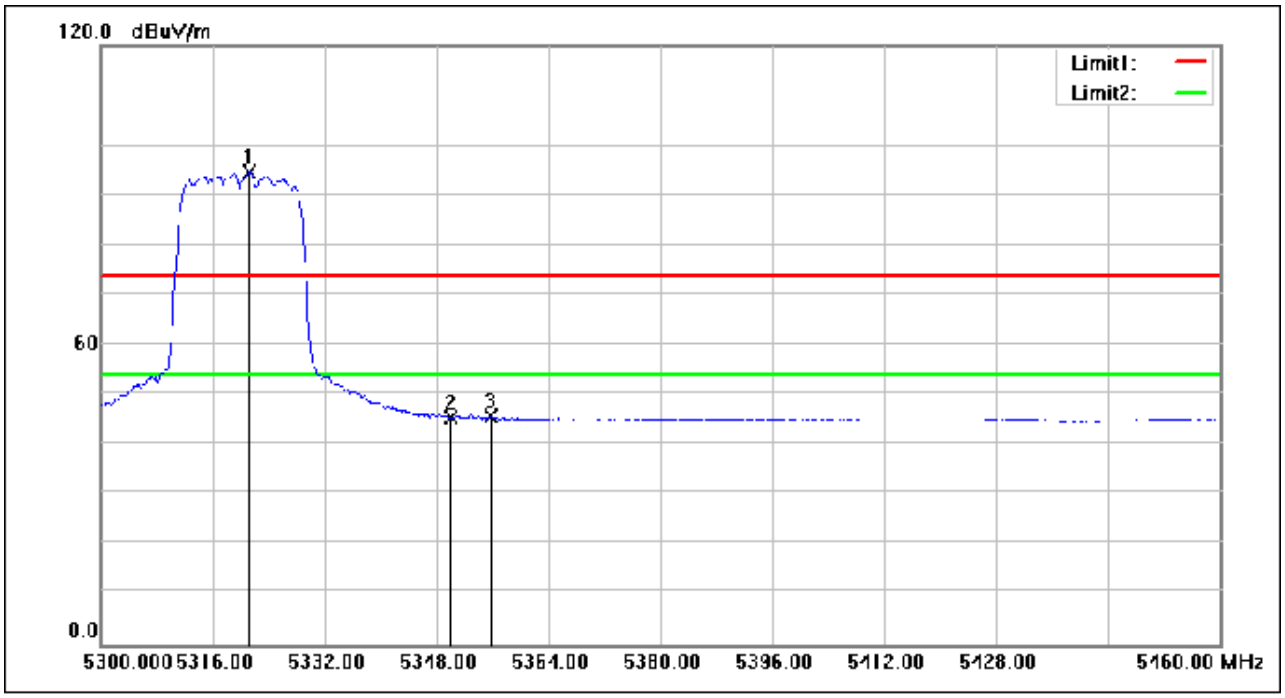
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	112.72	-17.96	94.76	54.00	40.76	AVG
2	5350.000	63.63	-17.92	45.71	54.00	-8.29	AVG
3	5357.120	63.67	-17.91	45.76	54.00	-8.24	AVG

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



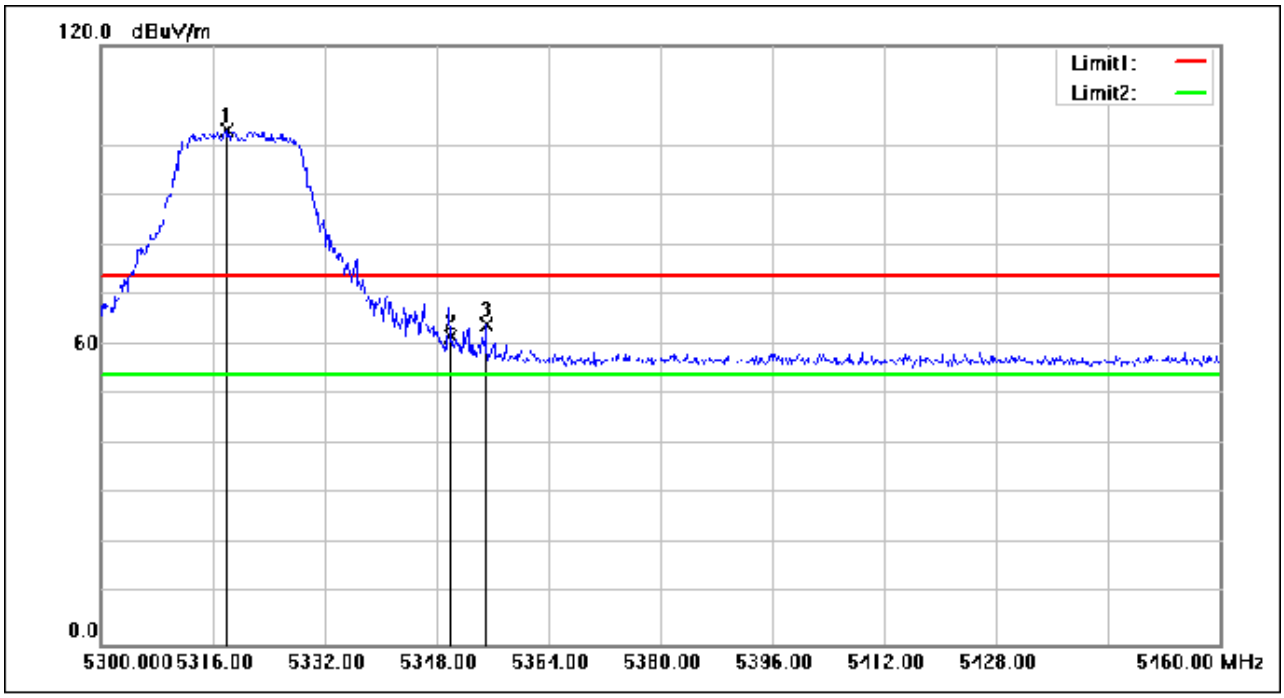
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	122.17	-17.96	104.21	74.00	30.21	peak
2	5350.000	75.67	-17.92	57.75	74.00	-16.25	peak
3	5356.960	77.72	-17.91	59.81	74.00	-14.19	peak

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



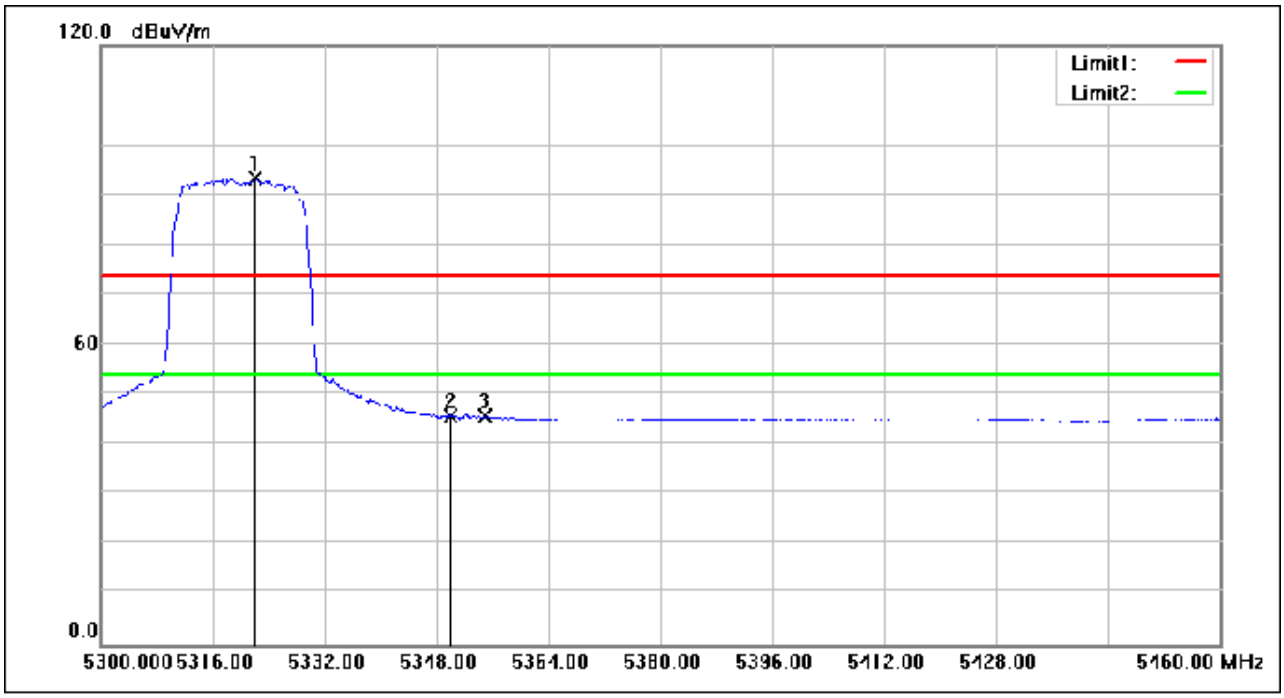
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.280	112.48	-17.96	94.52	54.00	40.52	AVG
2	5350.000	63.29	-17.92	45.37	54.00	-8.63	AVG
3	5355.680	63.70	-17.91	45.79	54.00	-8.21	AVG

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



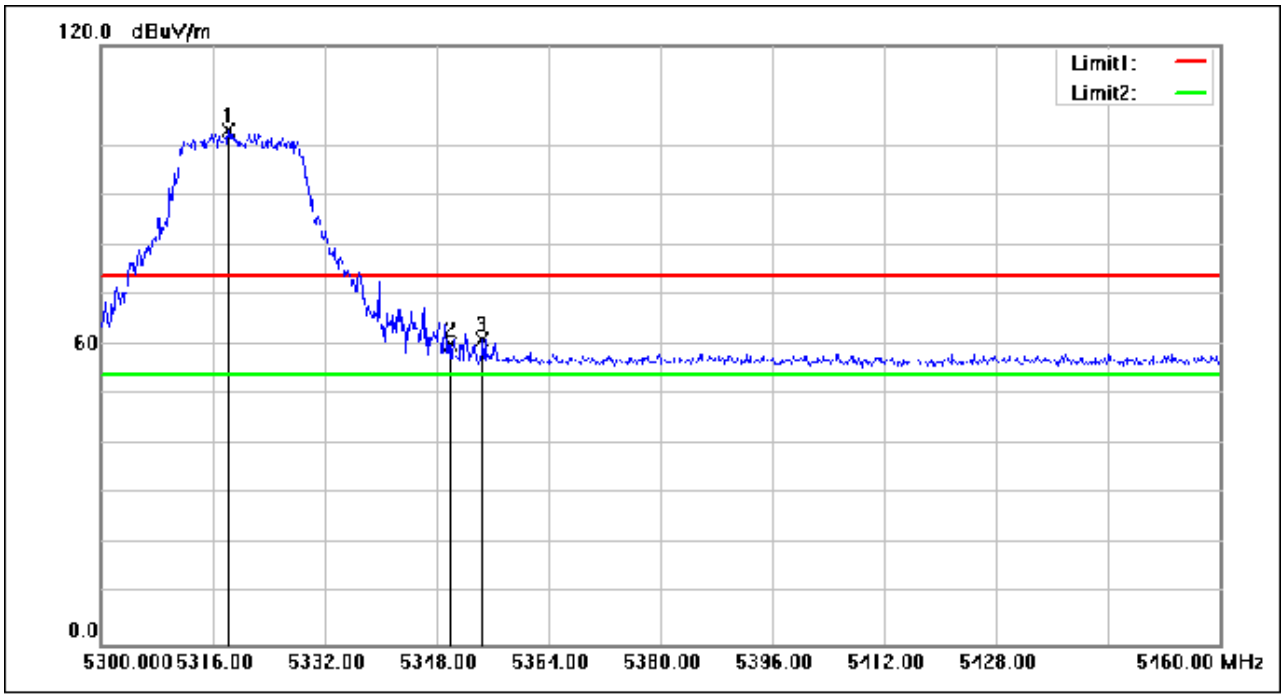
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.920	120.97	-17.96	103.01	74.00	29.01	peak
2	5350.000	79.63	-17.92	61.71	74.00	-12.29	peak
3	5355.040	82.06	-17.91	64.15	74.00	-9.85	peak

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



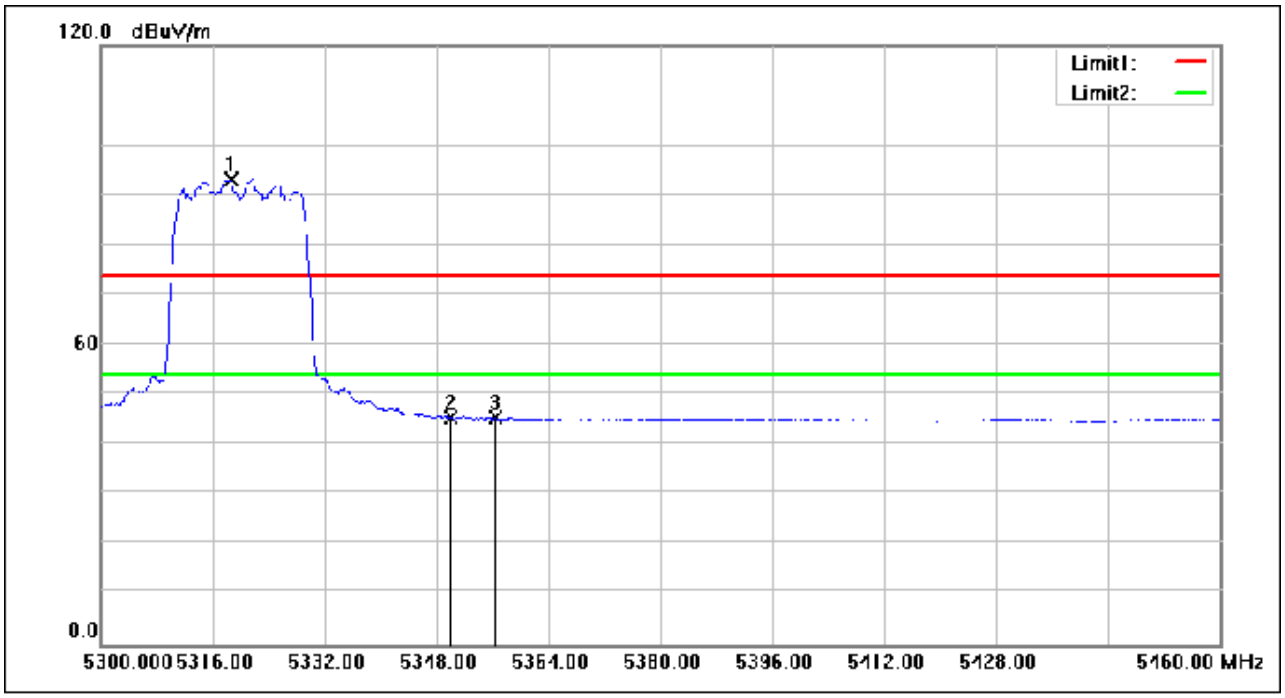
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.080	111.30	-17.96	93.34	54.00	39.34	AVG
2	5350.000	63.82	-17.92	45.90	54.00	-8.10	AVG
3	5354.880	63.63	-17.91	45.72	54.00	-8.28	AVG

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



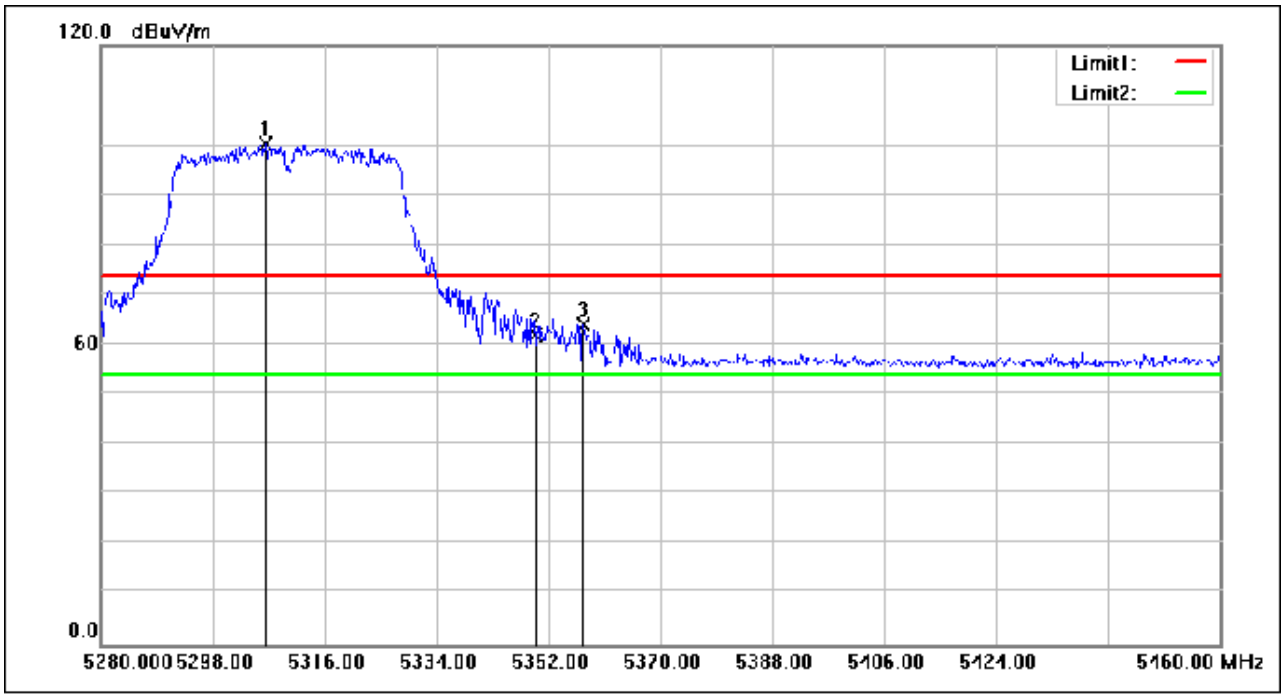
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.240	120.88	-17.96	102.92	74.00	28.92	peak
2	5350.000	78.13	-17.92	60.21	74.00	-13.79	peak
3	5354.560	79.02	-17.91	61.11	74.00	-12.89	peak

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



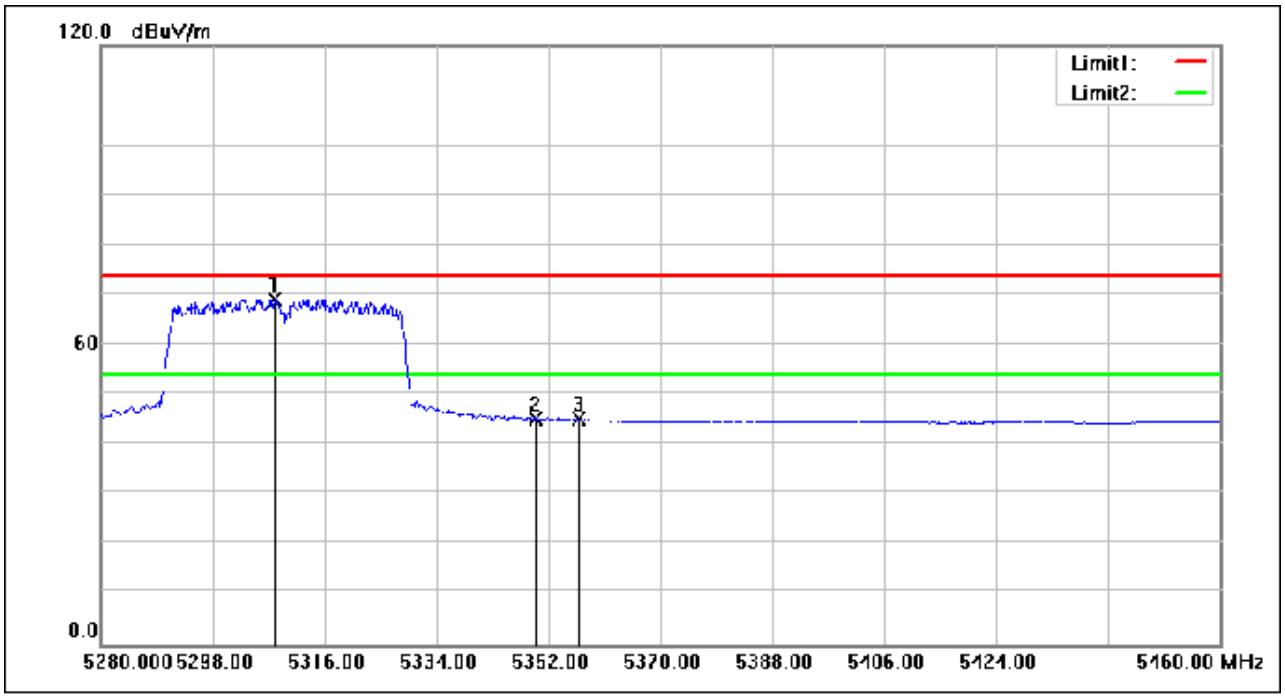
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	110.99	-17.96	93.03	54.00	39.03	AVG
2	5350.000	63.35	-17.92	45.43	54.00	-8.57	AVG
3	5356.480	63.47	-17.91	45.56	54.00	-8.44	AVG

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



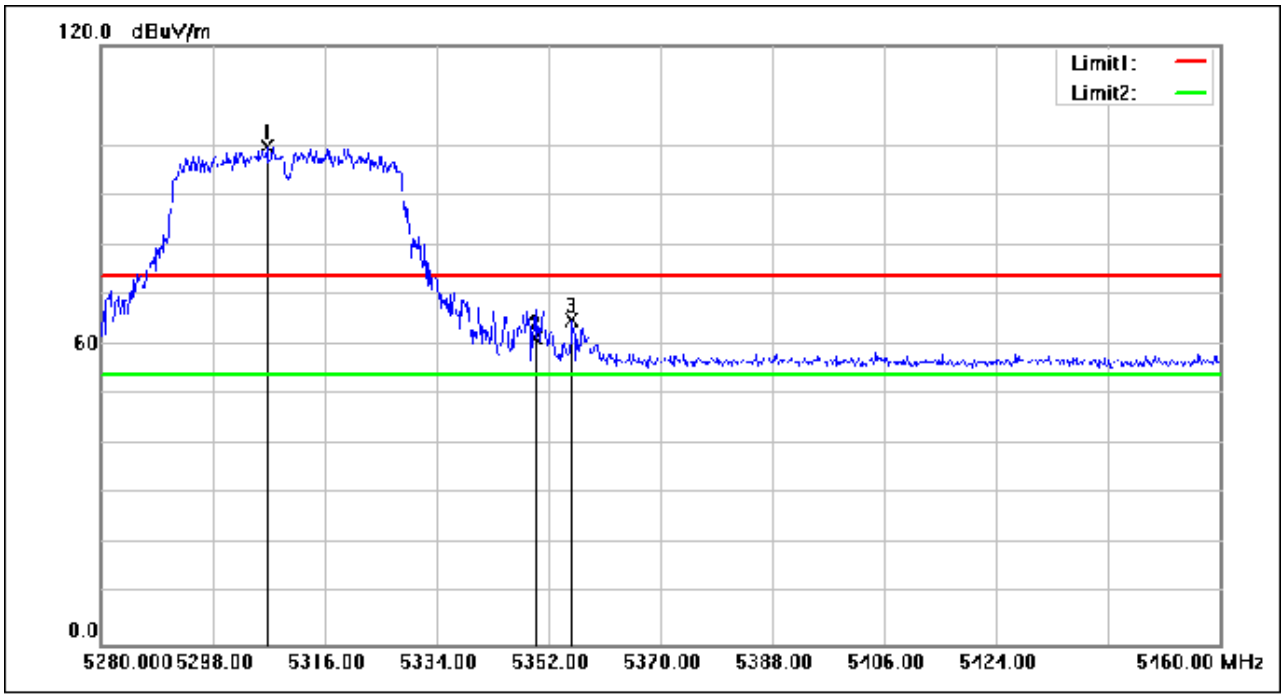
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5306.460	118.35	-17.99	100.36	74.00	26.36	peak
2	5350.000	79.85	-17.92	61.93	74.00	-12.07	peak
3	5357.580	81.94	-17.91	64.03	74.00	-9.97	peak

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



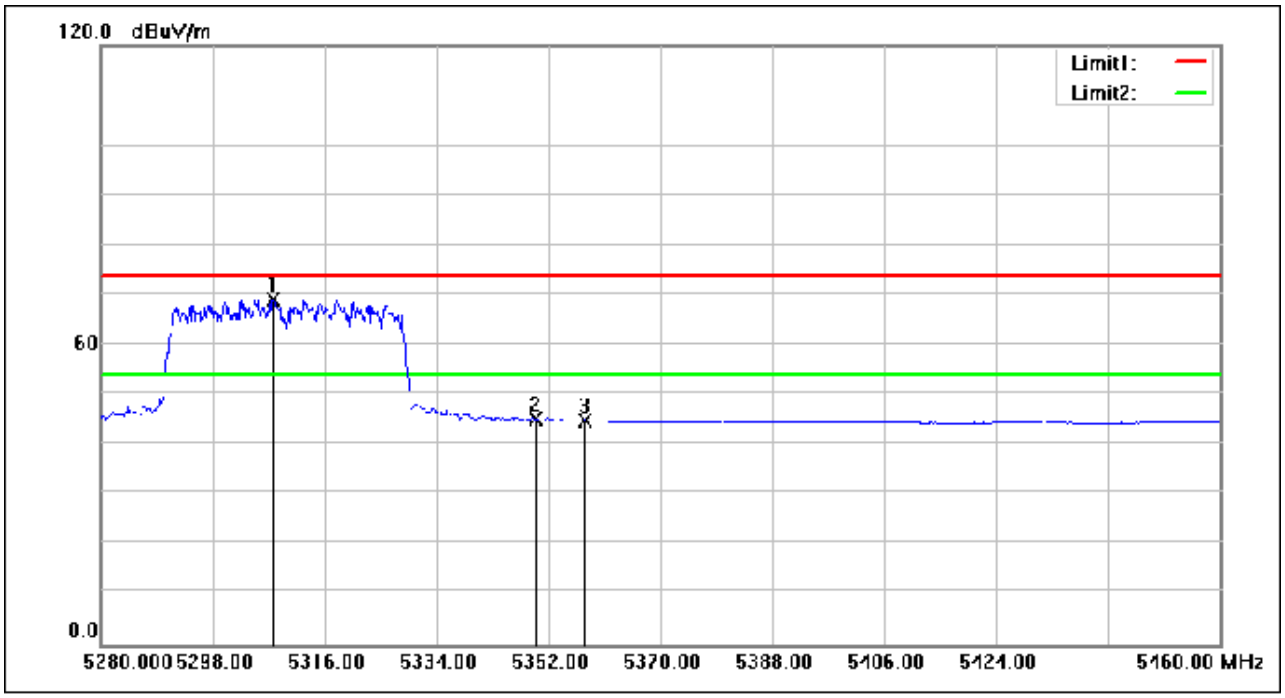
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5307.900	87.26	-17.98	69.28	54.00	15.28	AVG
2	5350.000	63.12	-17.92	45.20	54.00	-8.80	AVG
3	5356.860	63.16	-17.91	45.25	54.00	-8.75	AVG

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



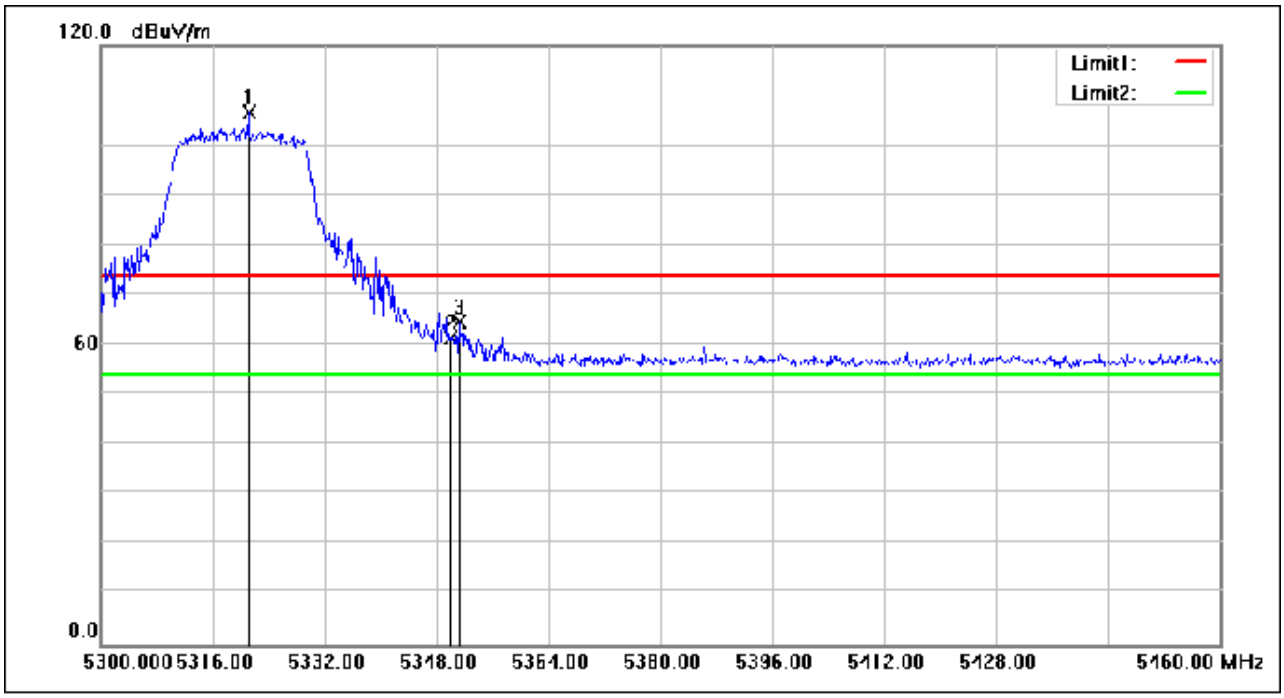
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5306.640	117.84	-17.98	99.86	74.00	25.86	peak
2	5350.000	79.26	-17.92	61.34	74.00	-12.66	peak
3	5355.780	82.89	-17.91	64.98	74.00	-9.02	peak

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



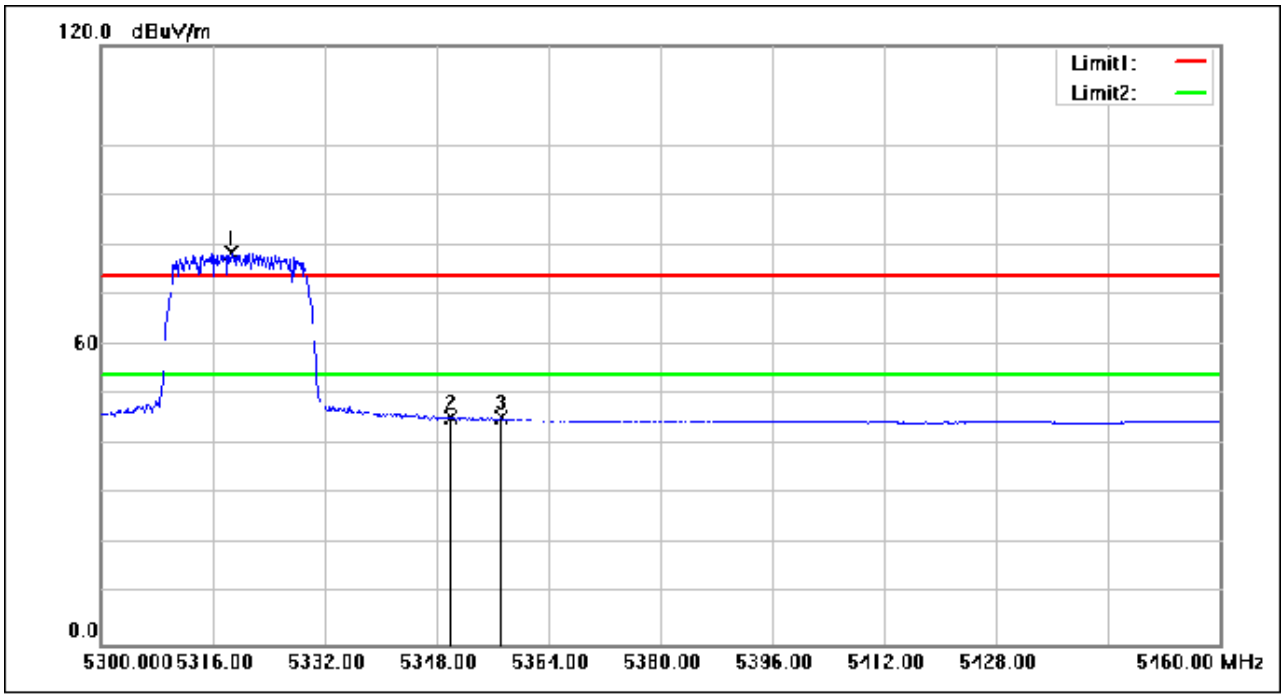
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5307.720	87.25	-17.98	69.27	54.00	15.27	AVG
2	5350.000	62.94	-17.92	45.02	54.00	-8.98	AVG
3	5357.940	62.91	-17.91	45.00	54.00	-9.00	AVG

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



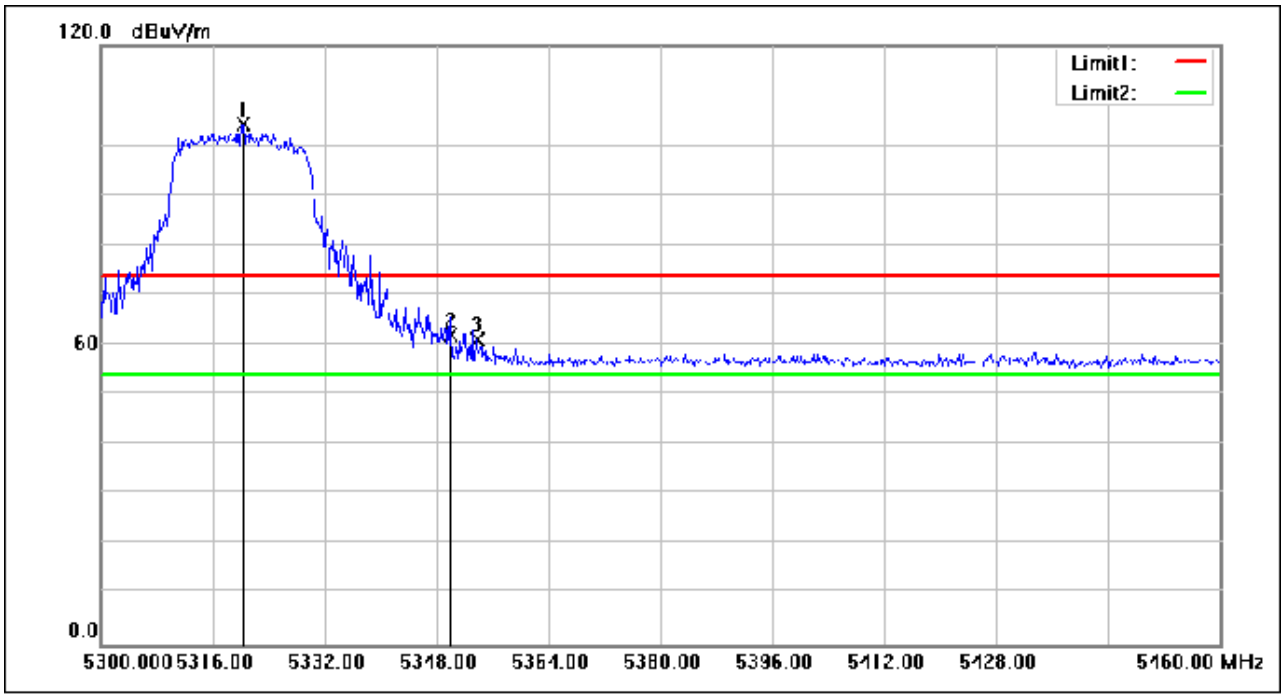
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.120	124.51	-17.96	106.55	74.00	32.55	peak
2	5350.000	79.12	-17.92	61.20	74.00	-12.80	peak
3	5351.200	82.61	-17.91	64.70	74.00	-9.30	peak

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



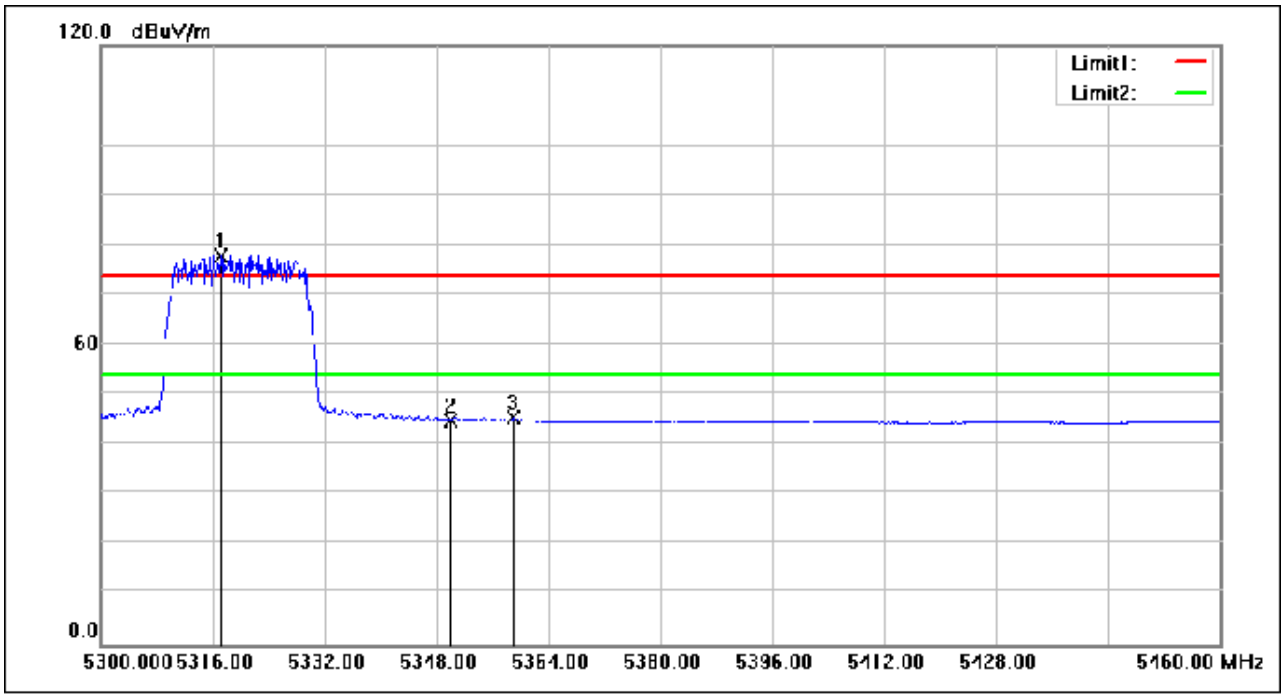
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.560	96.53	-17.96	78.57	54.00	24.57	AVG
2	5350.000	63.35	-17.92	45.43	54.00	-8.57	AVG
3	5357.280	63.35	-17.91	45.44	54.00	-8.56	AVG

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



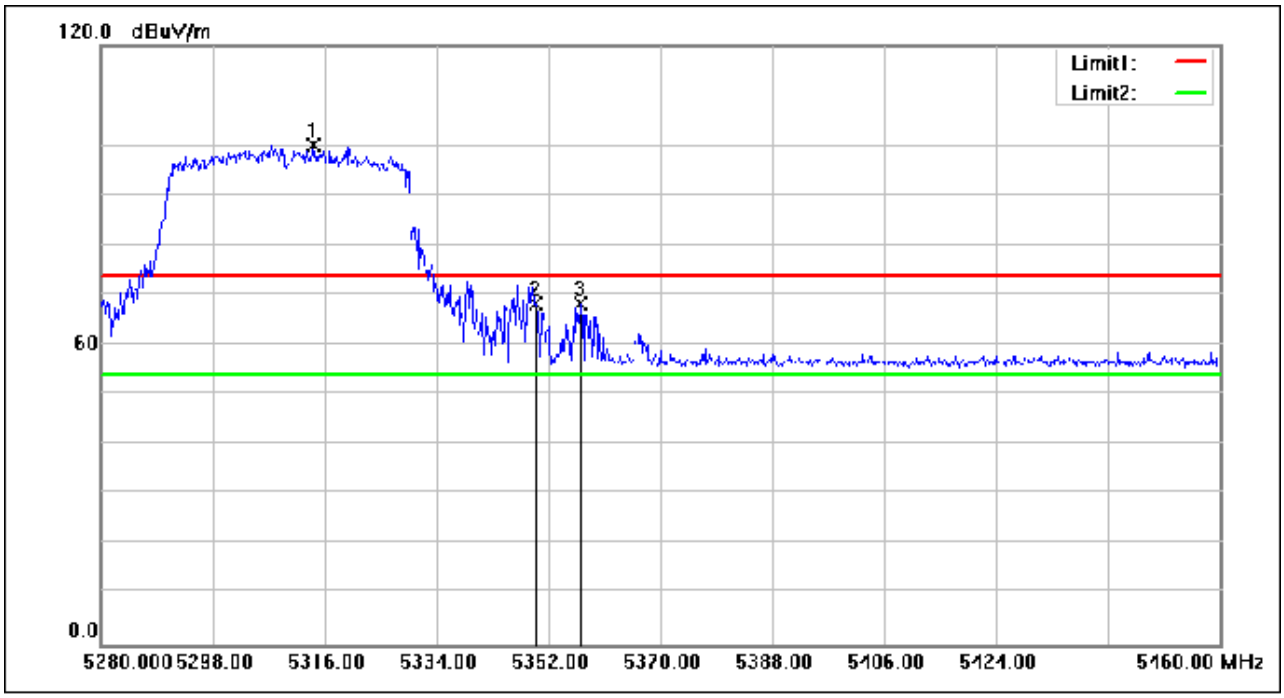
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5320.320	122.31	-17.96	104.35	74.00	30.35	peak
2	5350.000	79.76	-17.92	61.84	74.00	-12.16	peak
3	5353.760	78.98	-17.91	61.07	74.00	-12.93	peak

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



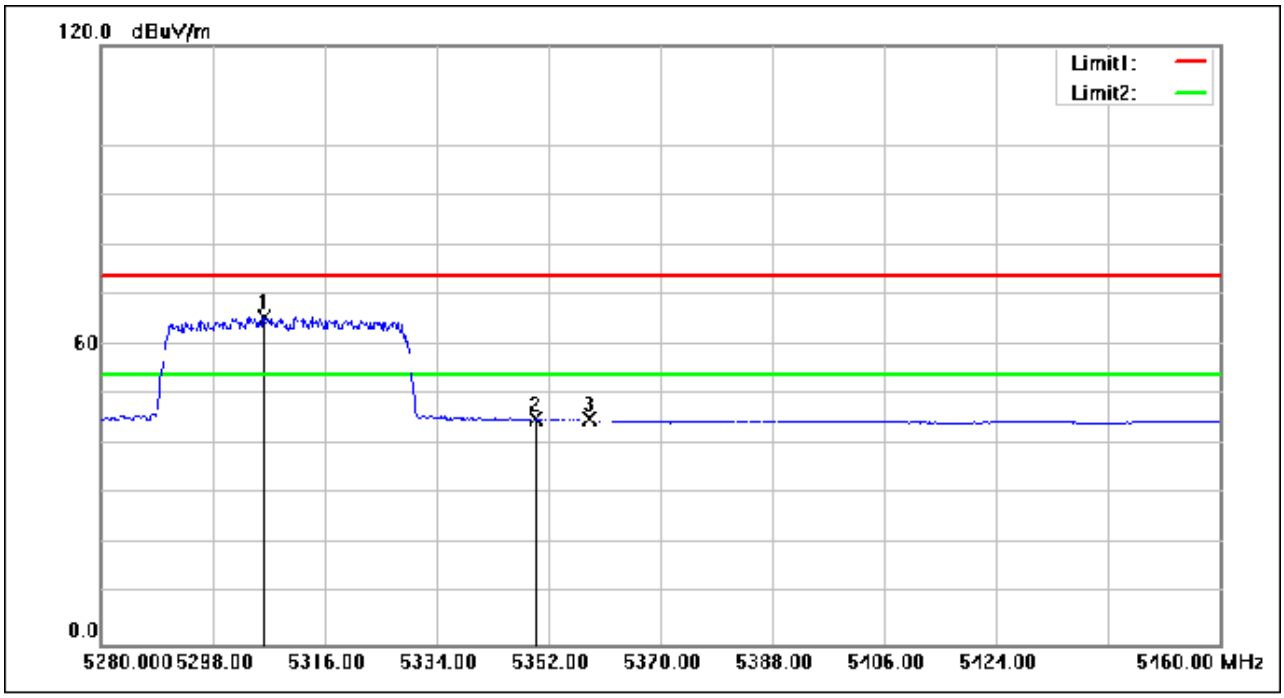
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5317.120	95.95	-17.96	77.99	54.00	23.99	AVG
2	5350.000	62.86	-17.92	44.94	54.00	-9.06	AVG
3	5358.880	63.21	-17.90	45.31	54.00	-8.69	AVG

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5314.200	118.11	-17.97	100.14	74.00	26.14	peak
2	5350.000	86.06	-17.92	68.14	74.00	-5.86	peak
3	5357.040	86.18	-17.91	68.27	74.00	-5.73	peak

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

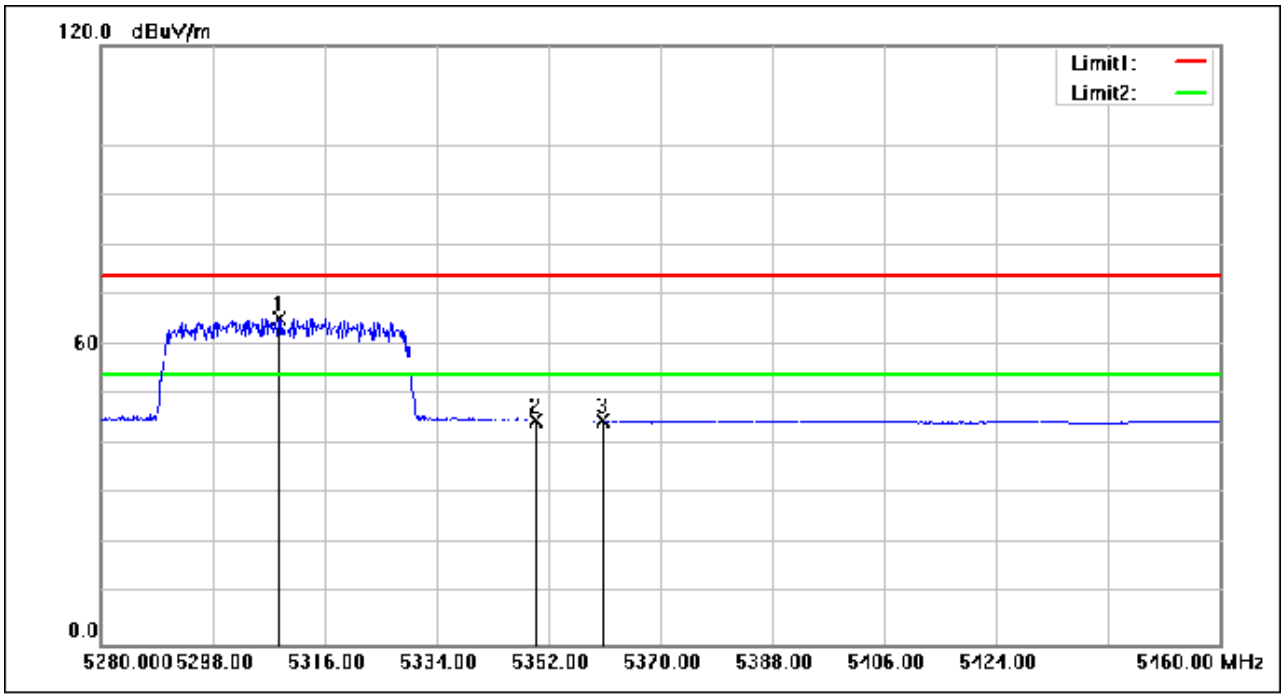


No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5306.280	83.63	-17.99	65.64	54.00	11.64	AVG
2	5350.000	62.95	-17.92	45.03	54.00	-8.97	AVG
3	5358.660	63.02	-17.90	45.12	54.00	-8.88	AVG

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

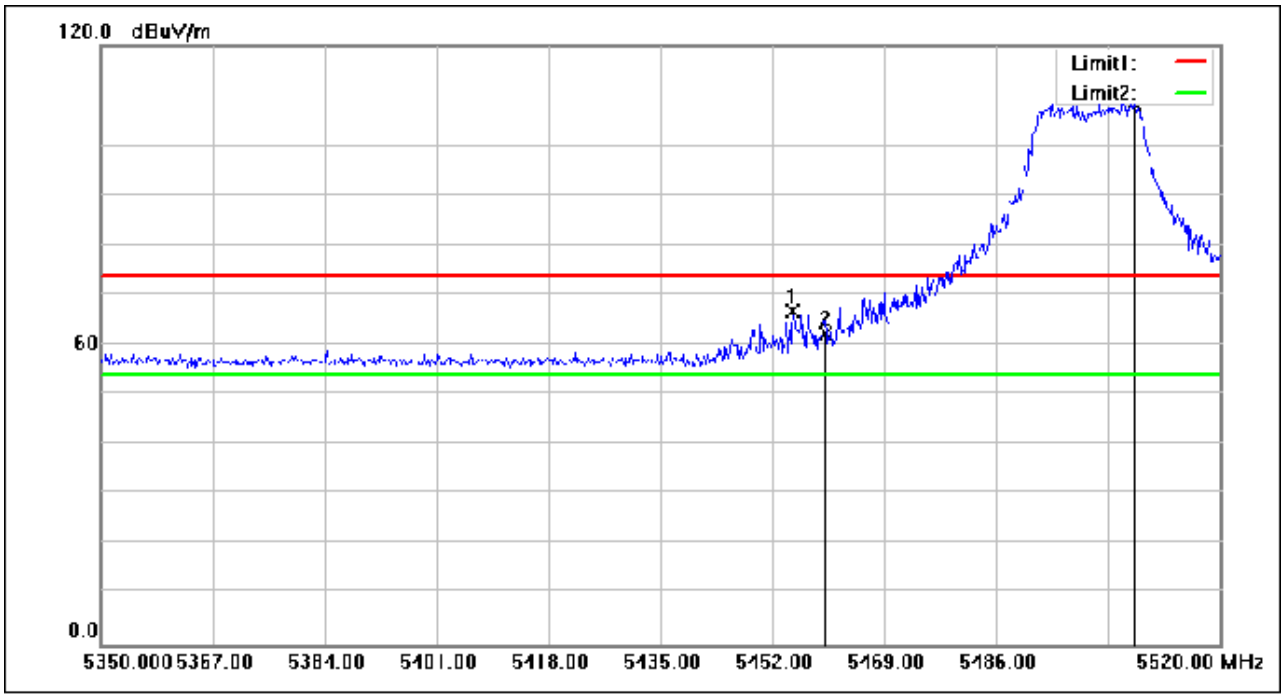
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.080	117.59	-17.98	99.61	74.00	25.61	peak
2	5350.000	81.87	-17.92	63.95	74.00	-10.05	peak
3	5357.580	86.32	-17.91	68.41	74.00	-5.59	peak

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



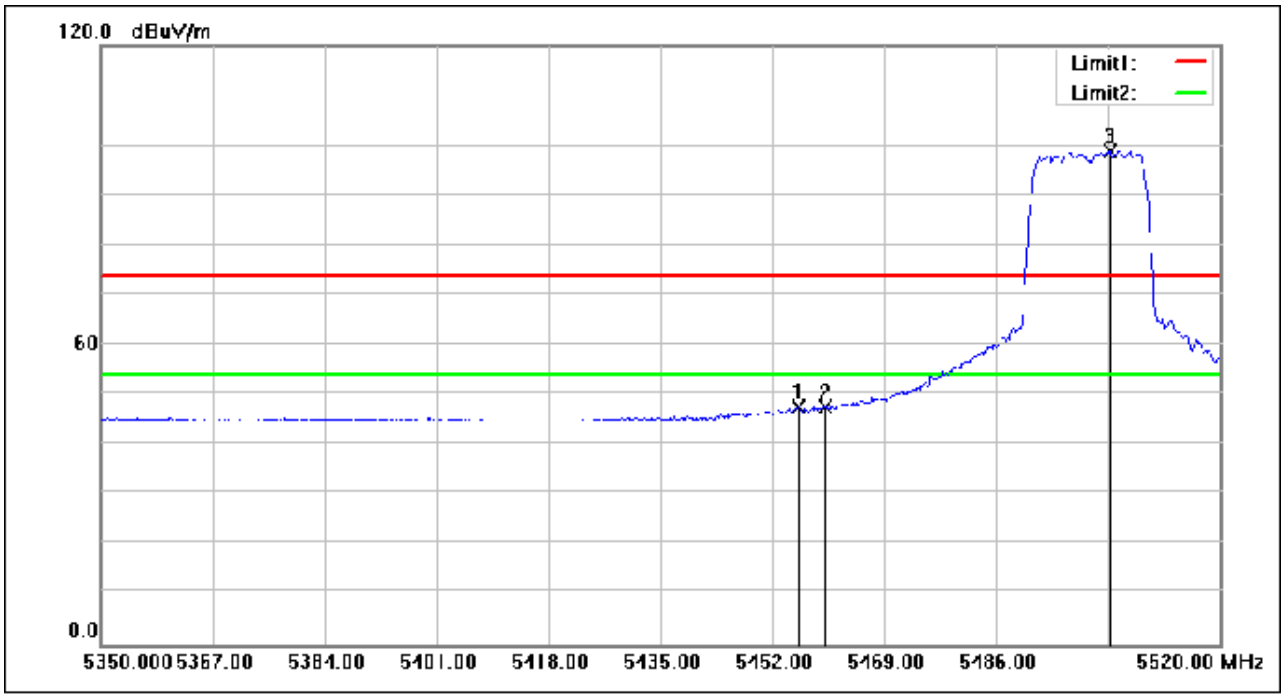
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.620	83.26	-17.98	65.28	54.00	11.28	AVG
2	5350.000	62.86	-17.92	44.94	54.00	-9.06	AVG
3	5360.640	62.80	-17.90	44.90	54.00	-9.10	AVG

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



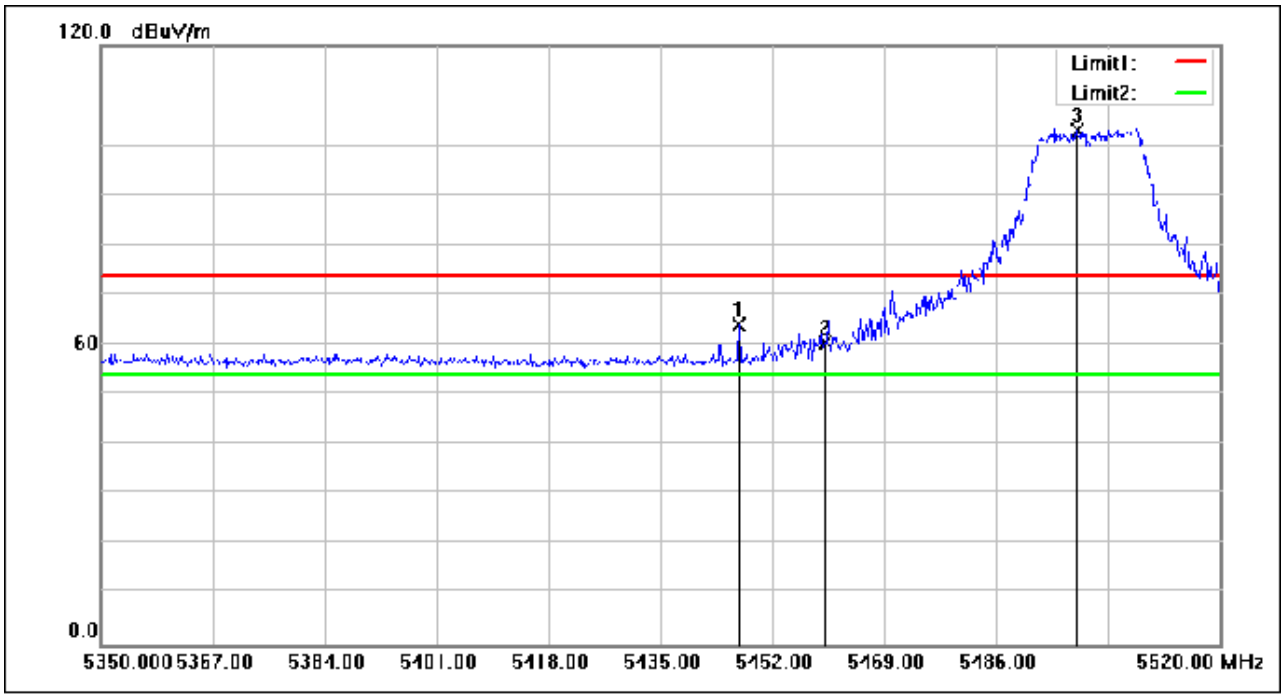
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.060	84.48	-17.76	66.72	74.00	-7.28	peak
2	5460.000	79.94	-17.76	62.18	74.00	-11.82	peak
3	5506.910	126.20	-17.69	108.51	74.00	34.51	peak

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



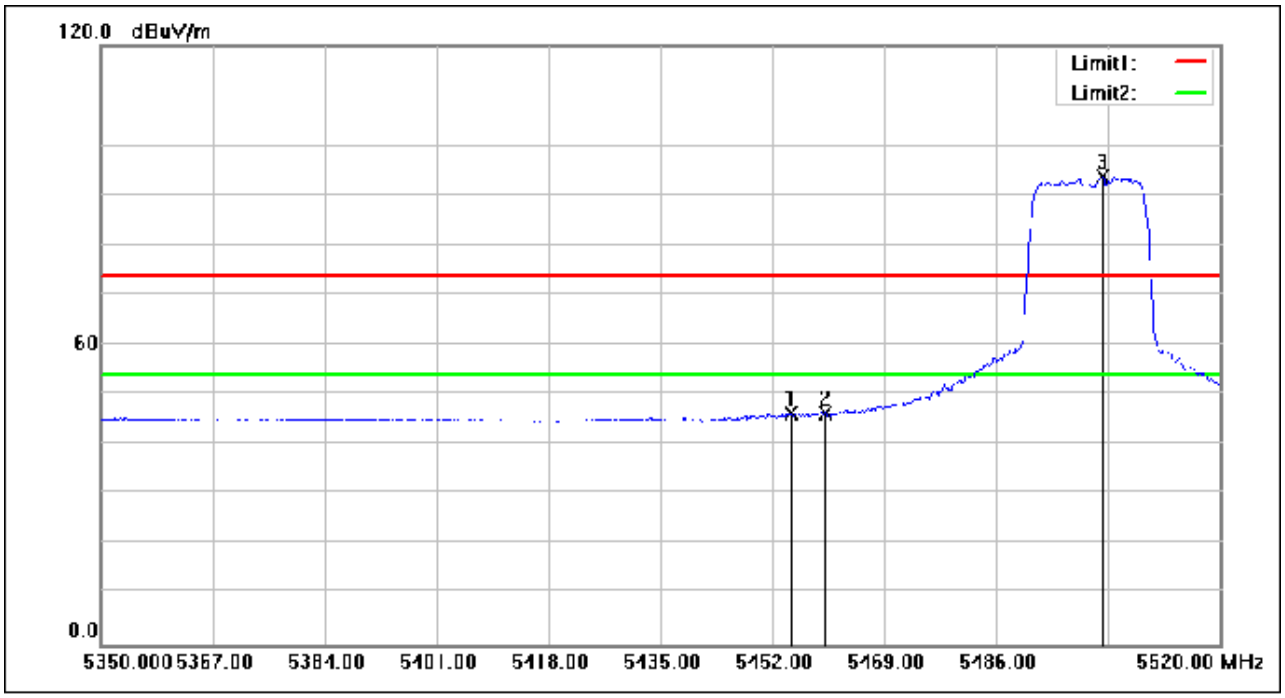
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.910	65.22	-17.76	47.46	54.00	-6.54	AVG
2	5460.000	65.22	-17.76	47.46	54.00	-6.54	AVG
3	5503.340	116.65	-17.69	98.96	54.00	44.96	AVG

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



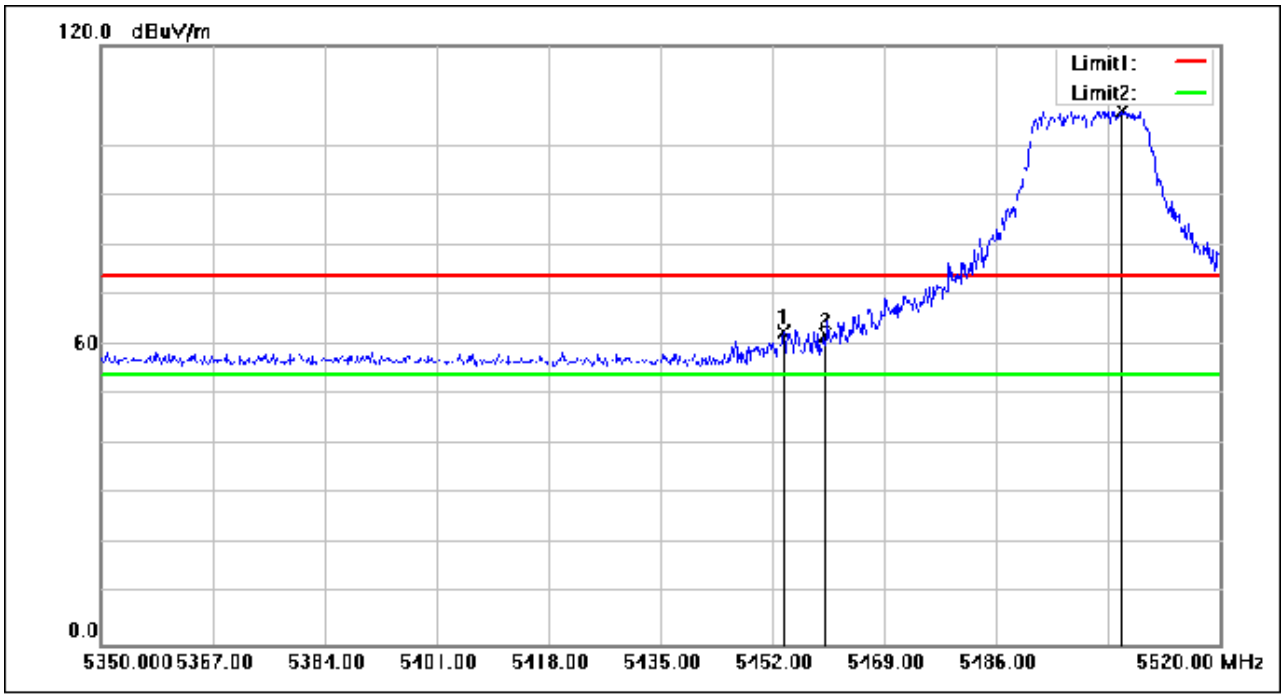
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5446.900	81.86	-17.78	64.08	74.00	-9.92	peak
2	5460.000	78.11	-17.76	60.35	74.00	-13.65	peak
3	5498.240	120.85	-17.70	103.15	74.00	29.15	peak

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



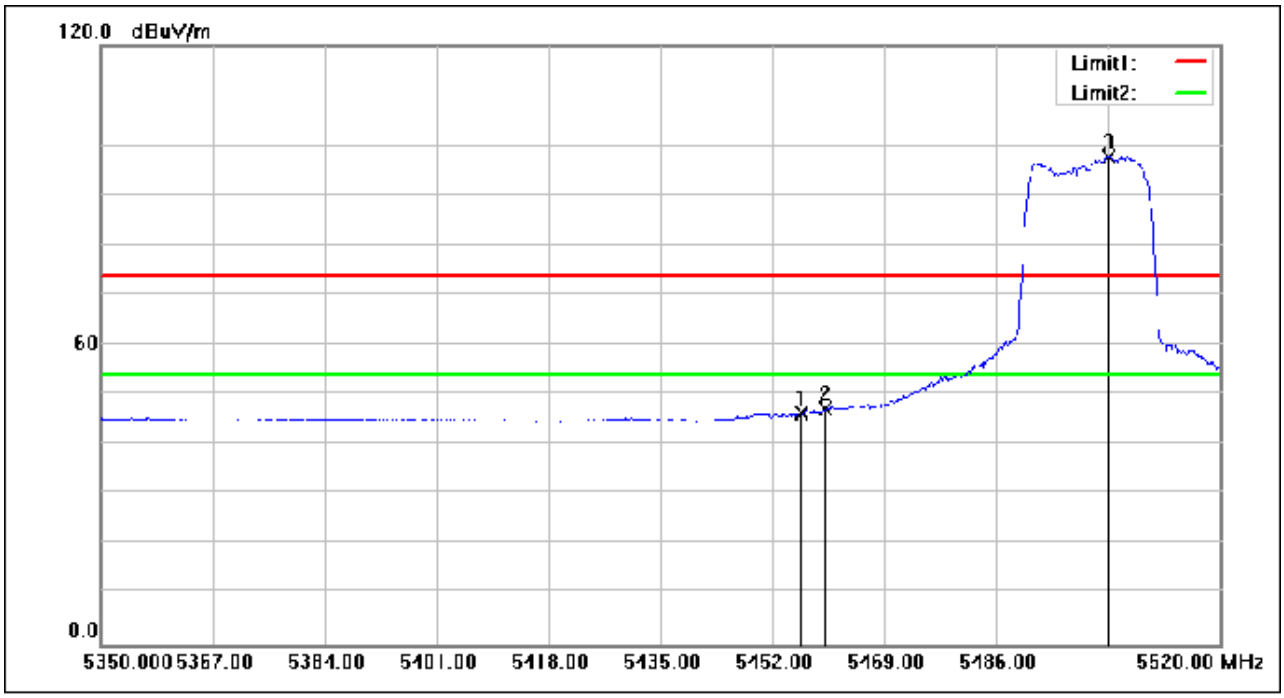
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.720	64.11	-17.76	46.35	54.00	-7.65	AVG
2	5460.000	64.06	-17.76	46.30	54.00	-7.70	AVG
3	5502.150	111.34	-17.70	93.64	54.00	39.64	AVG

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



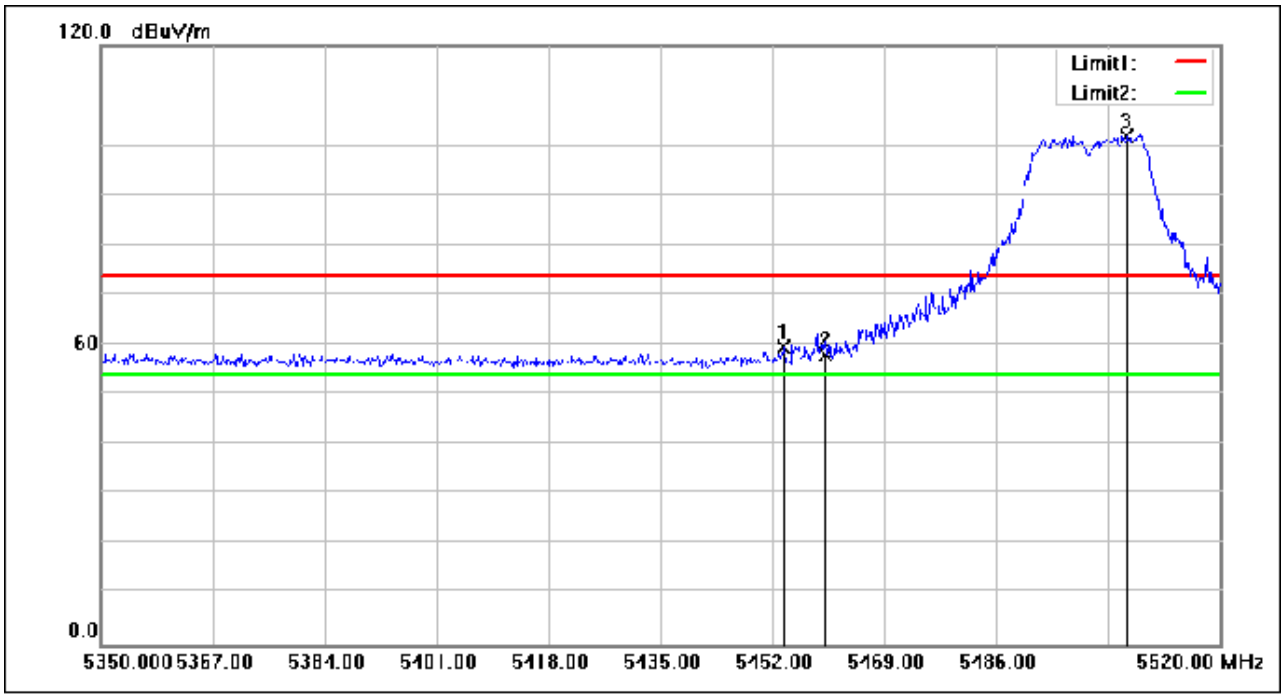
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.700	80.33	-17.76	62.57	74.00	-11.43	peak
2	5460.000	79.86	-17.76	62.10	74.00	-11.90	peak
3	5505.040	124.76	-17.69	107.07	74.00	33.07	peak

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



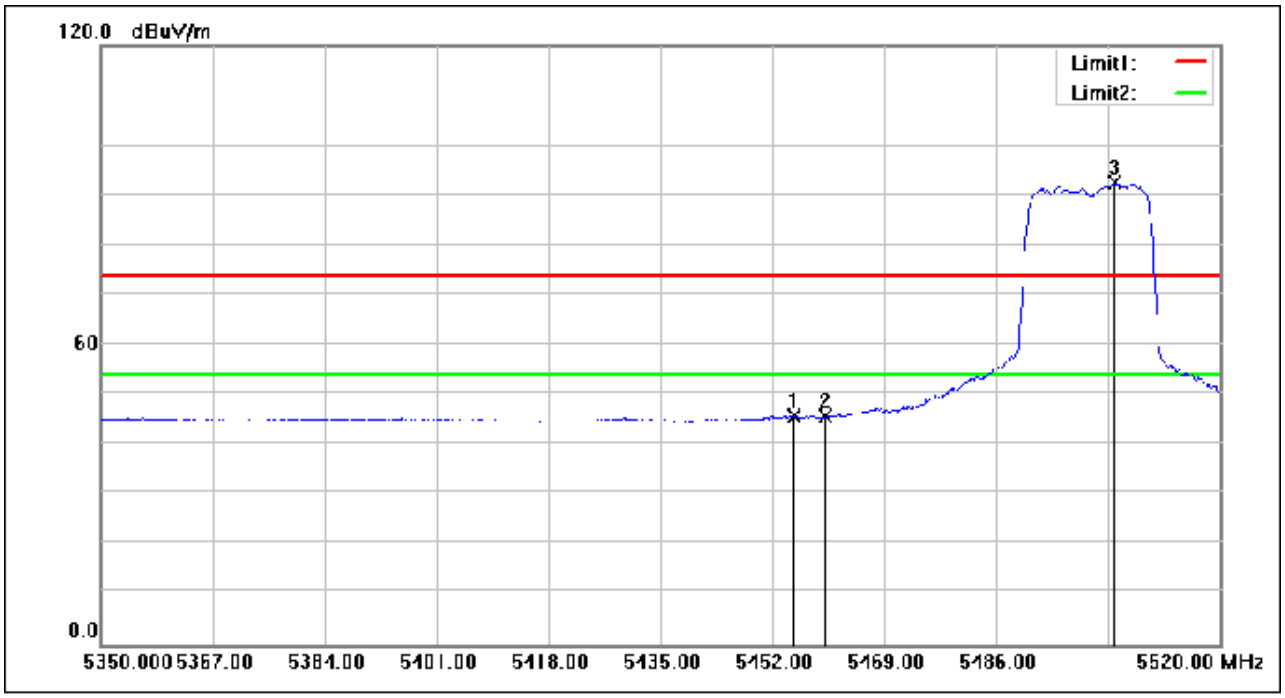
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.420	64.19	-17.76	46.43	54.00	-7.57	AVG
2	5460.000	64.92	-17.76	47.16	54.00	-6.84	AVG
3	5503.170	115.41	-17.69	97.72	54.00	43.72	AVG

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



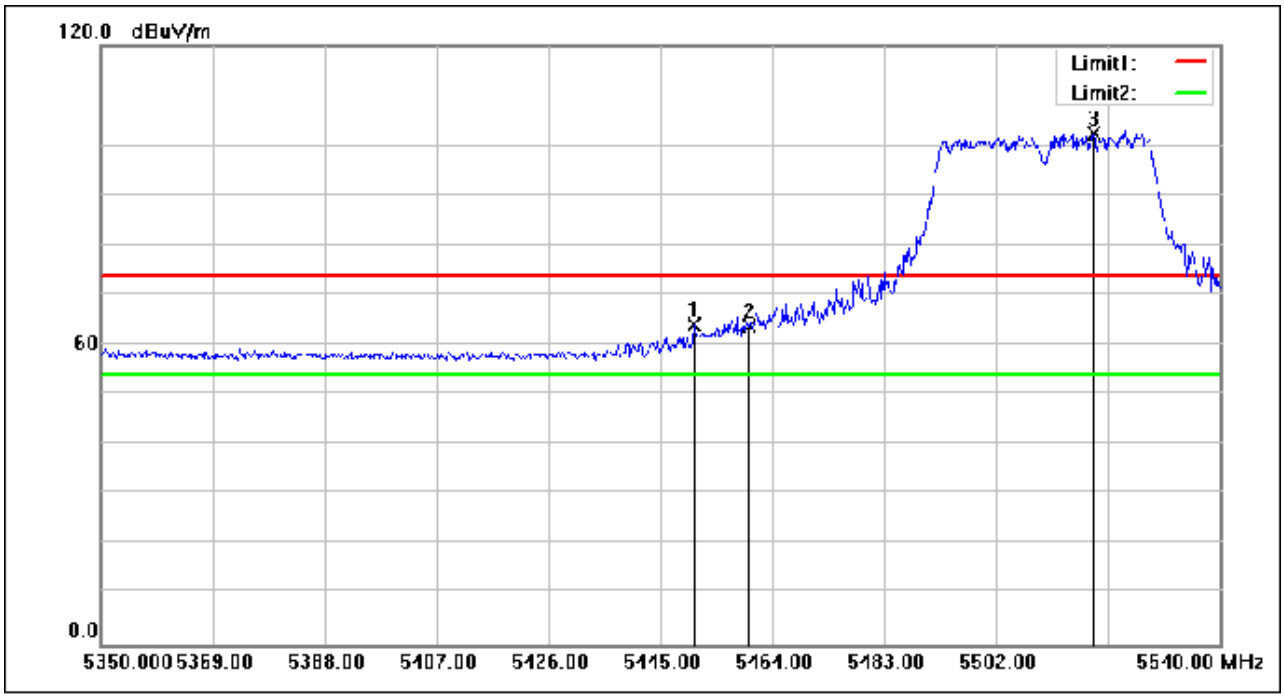
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.700	77.45	-17.76	59.69	74.00	-14.31	peak
2	5460.000	75.93	-17.76	58.17	74.00	-15.83	peak
3	5505.890	119.52	-17.69	101.83	74.00	27.83	peak

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



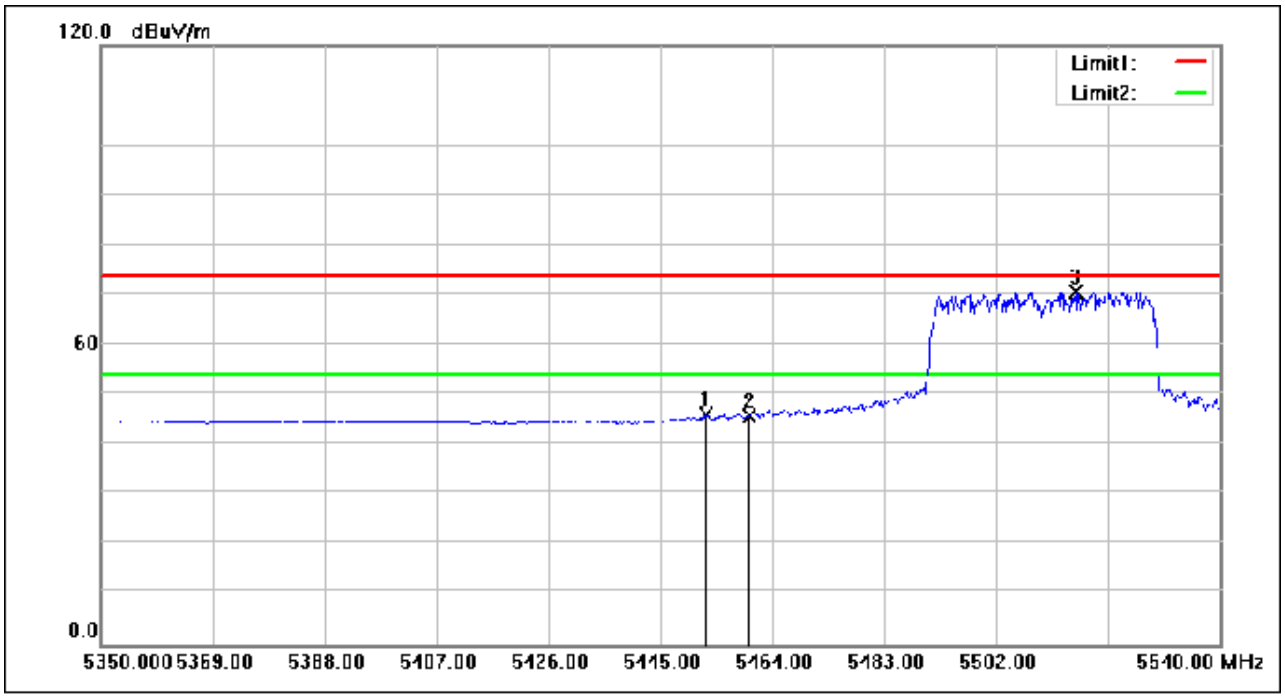
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.230	63.61	-17.76	45.85	54.00	-8.15	AVG
2	5460.000	63.48	-17.76	45.72	54.00	-8.28	AVG
3	5504.020	110.17	-17.69	92.48	54.00	38.48	AVG

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



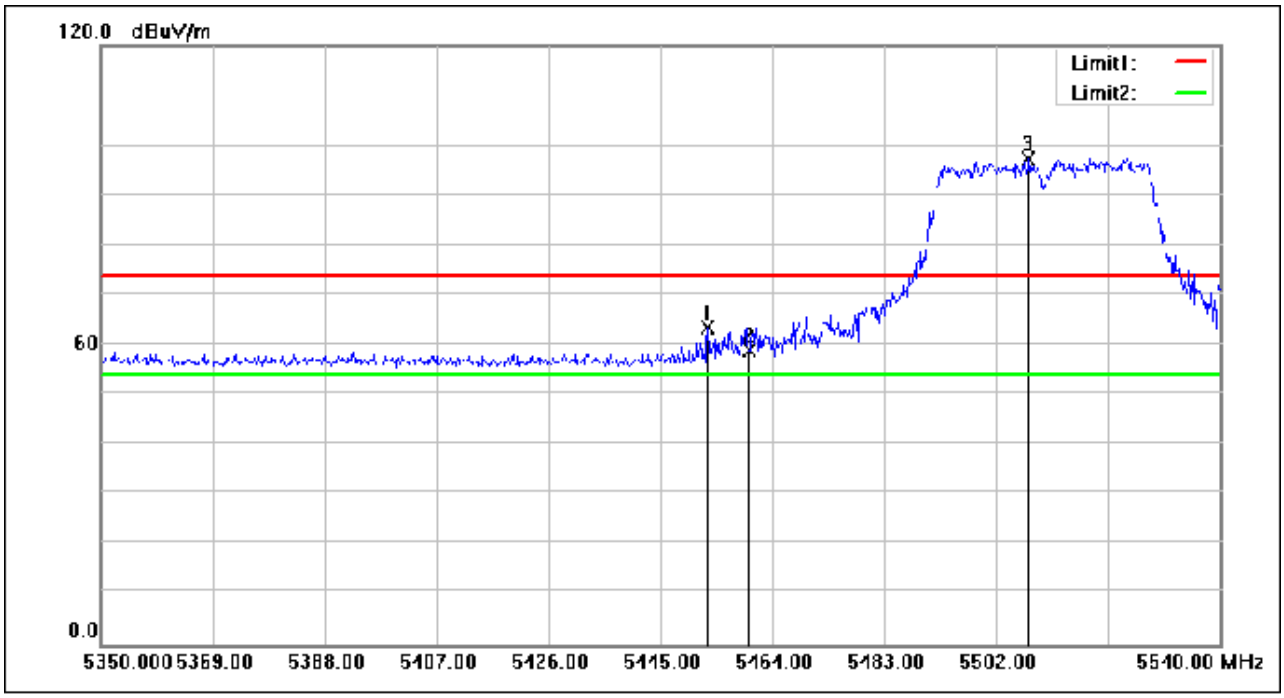
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.700	81.95	-17.77	64.18	74.00	-9.82	peak
2	5460.000	81.42	-17.76	63.66	74.00	-10.34	peak
3	5518.530	120.03	-17.67	102.36	74.00	28.36	peak

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



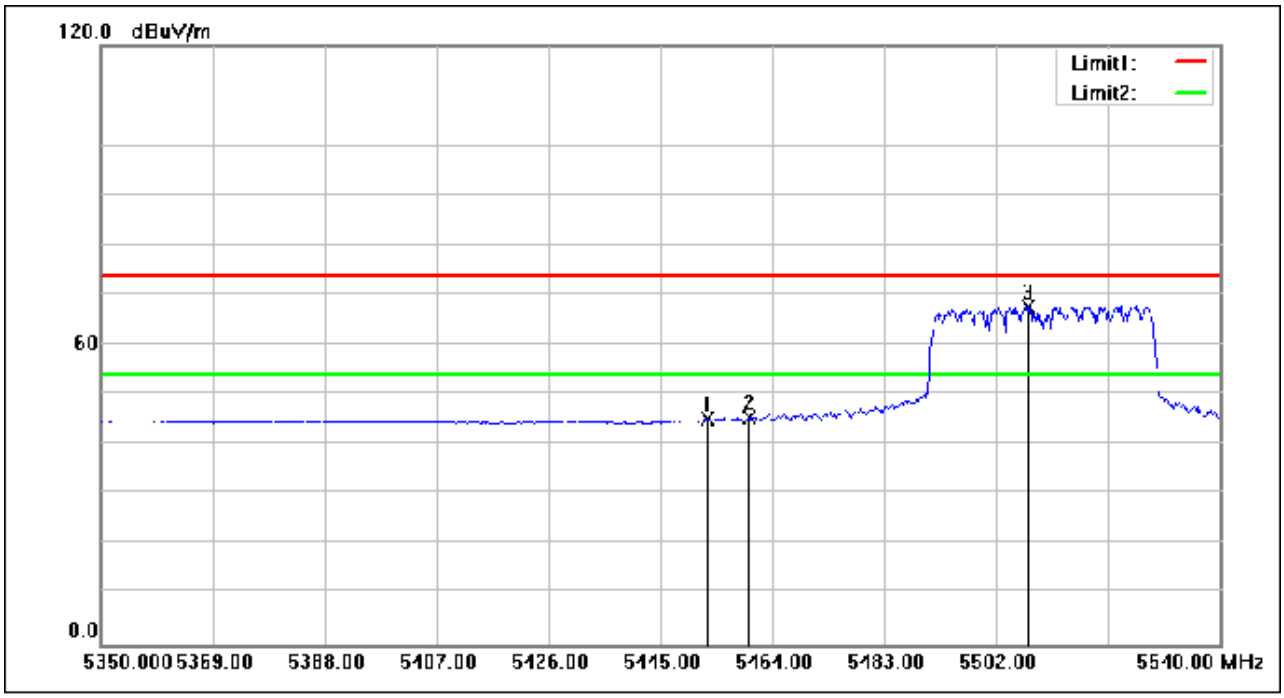
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.600	63.67	-17.76	45.91	54.00	-8.09	AVG
2	5460.000	63.46	-17.76	45.70	54.00	-8.30	AVG
3	5515.490	88.23	-17.67	70.56	54.00	16.56	AVG

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



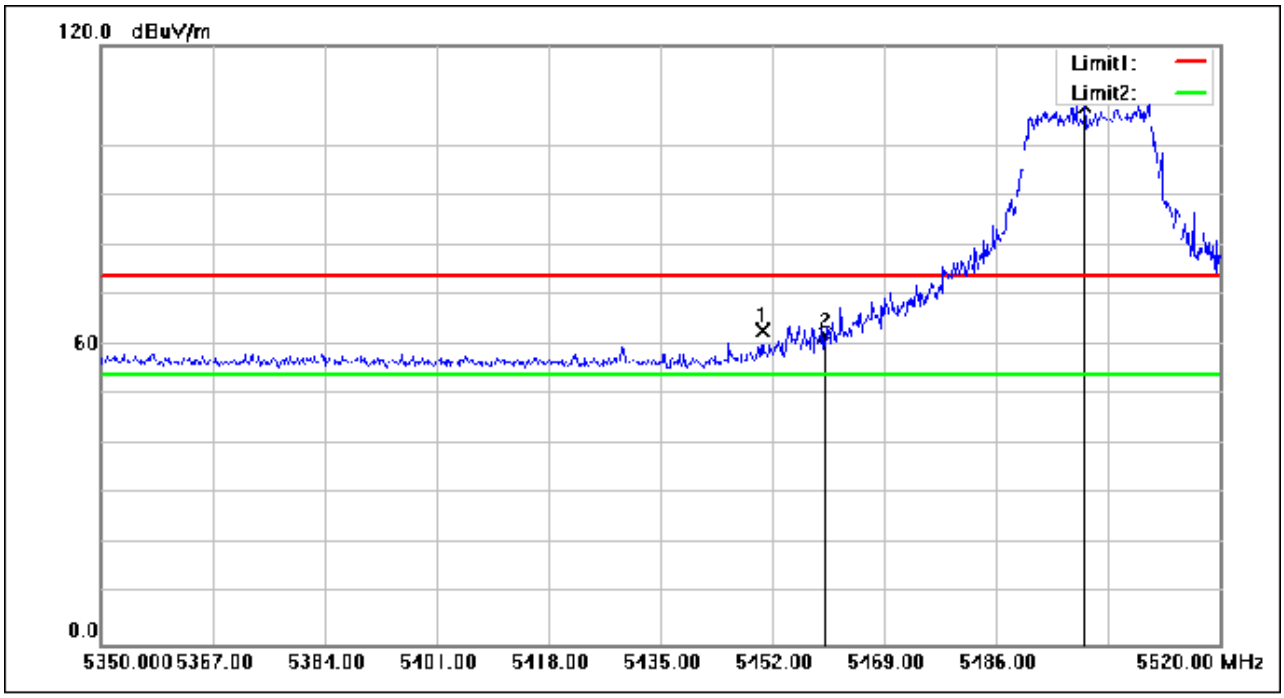
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.980	81.28	-17.76	63.52	74.00	-10.48	peak
2	5460.000	76.70	-17.76	58.94	74.00	-15.06	peak
3	5507.510	115.03	-17.69	97.34	74.00	23.34	peak

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



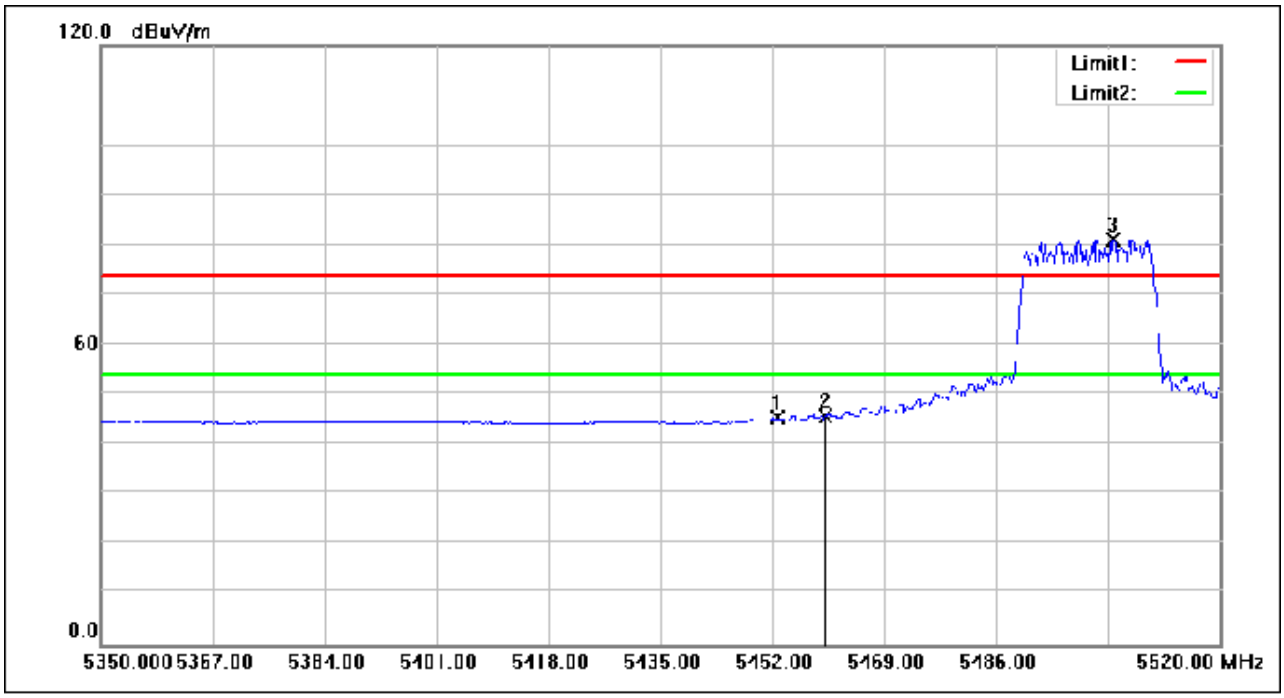
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.980	62.90	-17.76	45.14	54.00	-8.86	AVG
2	5460.000	63.20	-17.76	45.44	54.00	-8.56	AVG
3	5507.510	85.49	-17.69	67.80	54.00	13.80	AVG

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



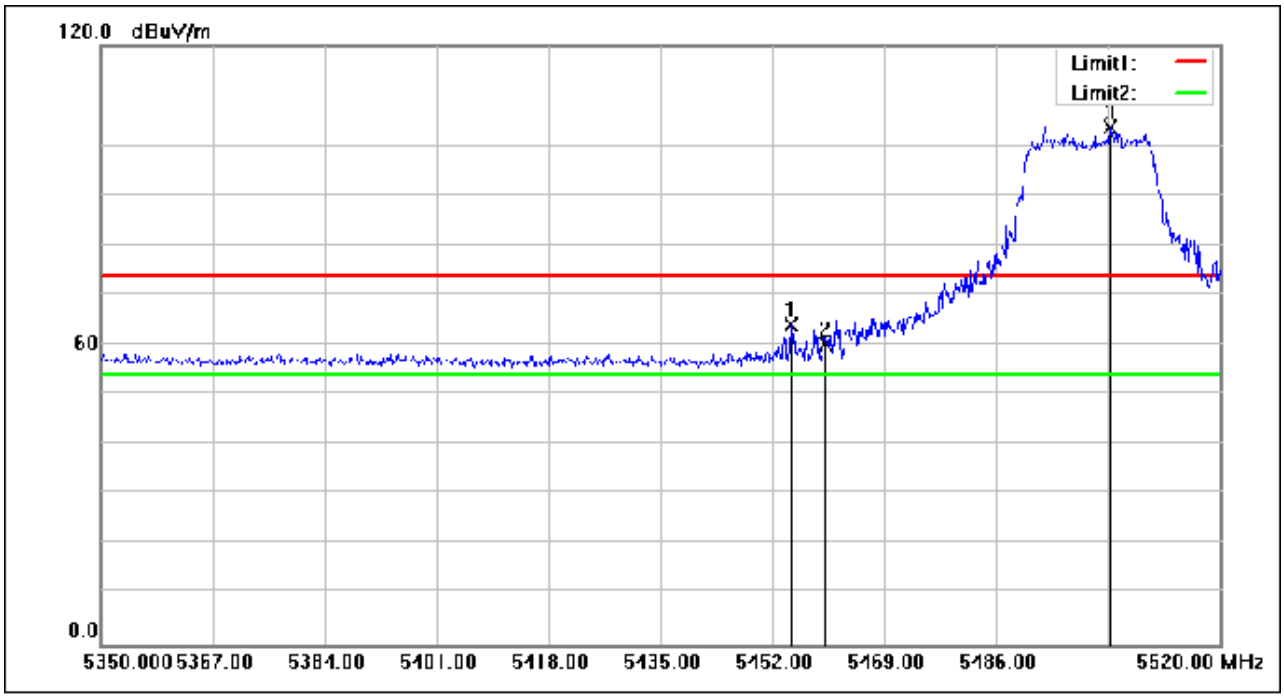
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5450.470	80.47	-17.77	62.70	74.00	-11.30	peak
2	5460.000	79.64	-17.76	61.88	74.00	-12.12	peak
3	5499.430	125.62	-17.70	107.92	74.00	33.92	peak

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



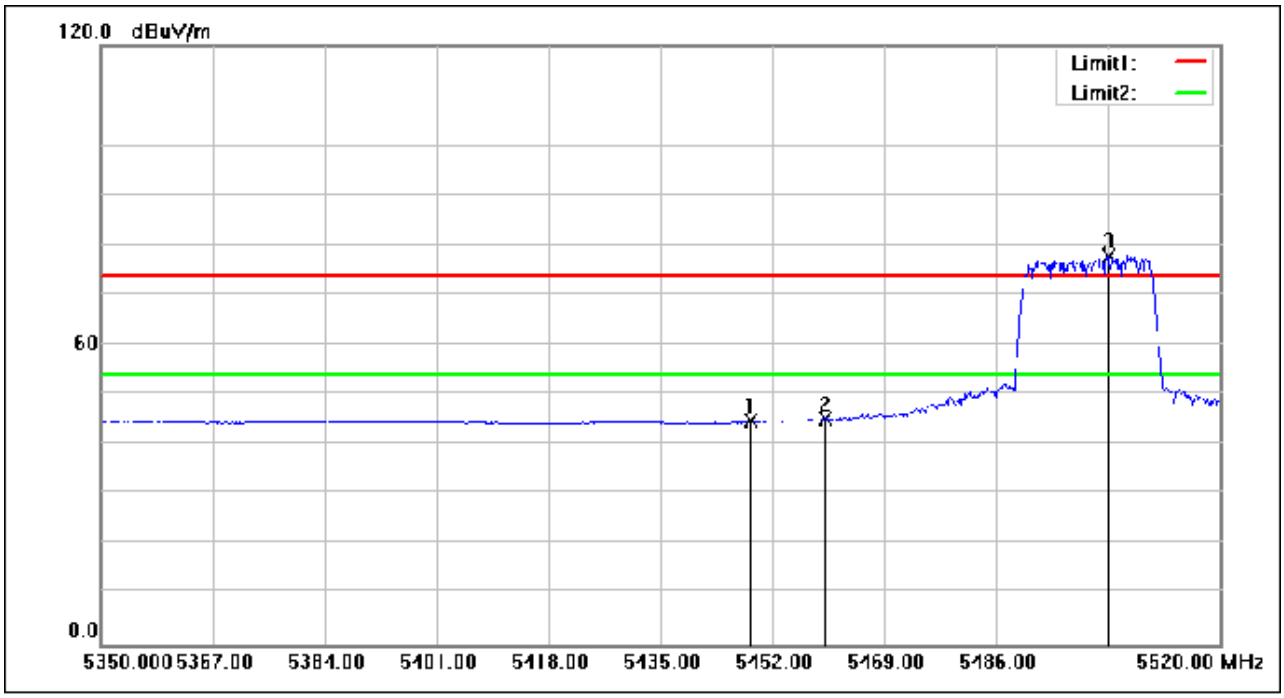
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.680	63.25	-17.76	45.49	54.00	-8.51	AVG
2	5460.000	63.62	-17.76	45.86	54.00	-8.14	AVG
3	5503.850	98.73	-17.69	81.04	54.00	27.04	AVG

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



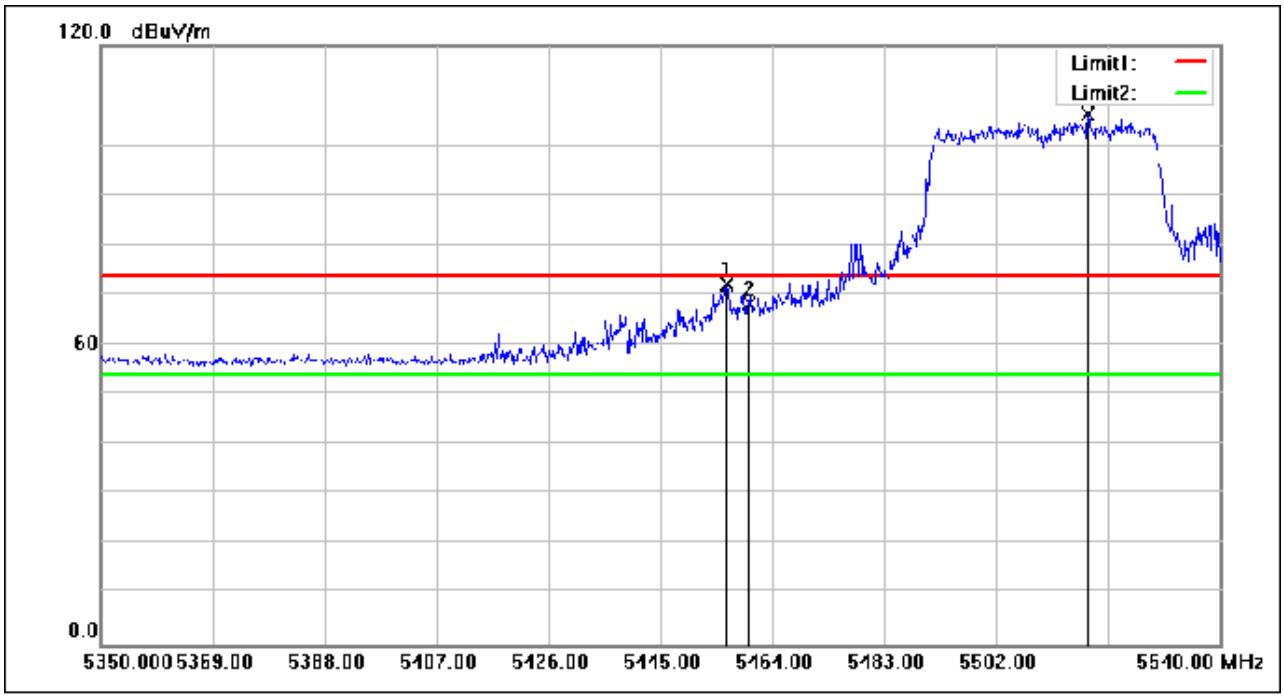
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.720	81.87	-17.76	64.11	74.00	-9.89	peak
2	5460.000	77.95	-17.76	60.19	74.00	-13.81	peak
3	5503.340	121.38	-17.69	103.69	74.00	29.69	peak

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



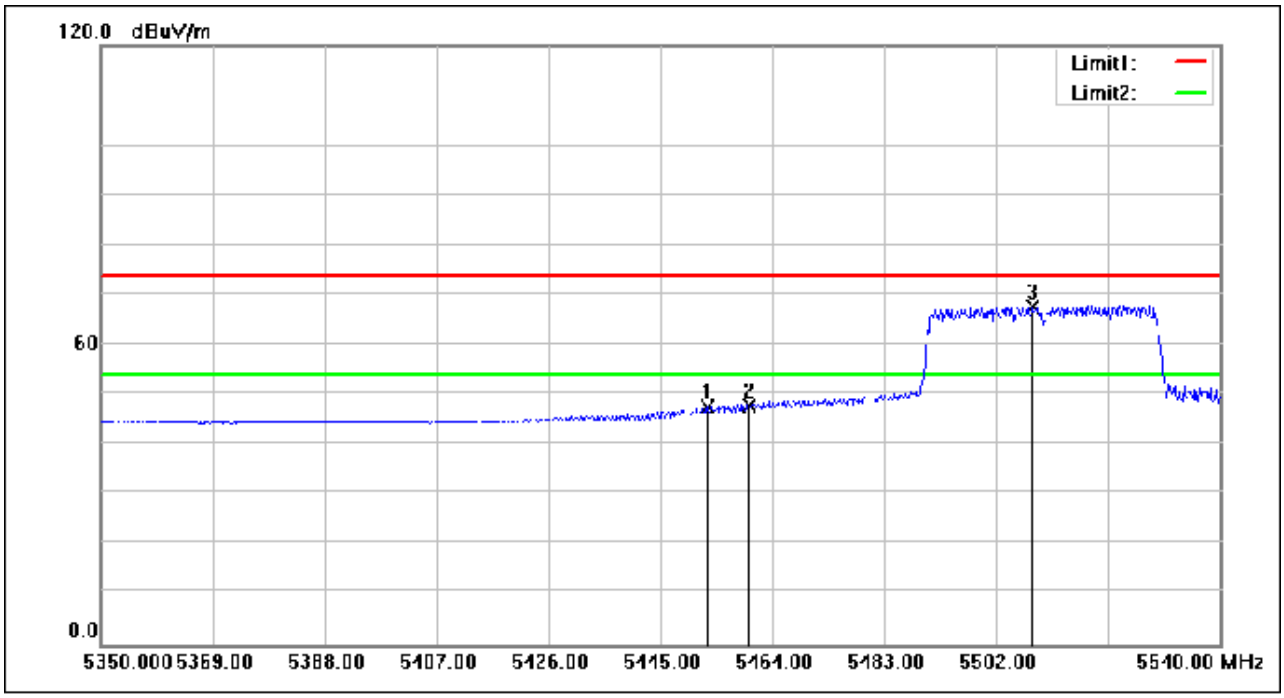
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5448.600	62.77	-17.78	44.99	54.00	-9.01	AVG
2	5460.000	63.05	-17.76	45.29	54.00	-8.71	AVG
3	5503.000	95.47	-17.69	77.78	54.00	23.78	AVG

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



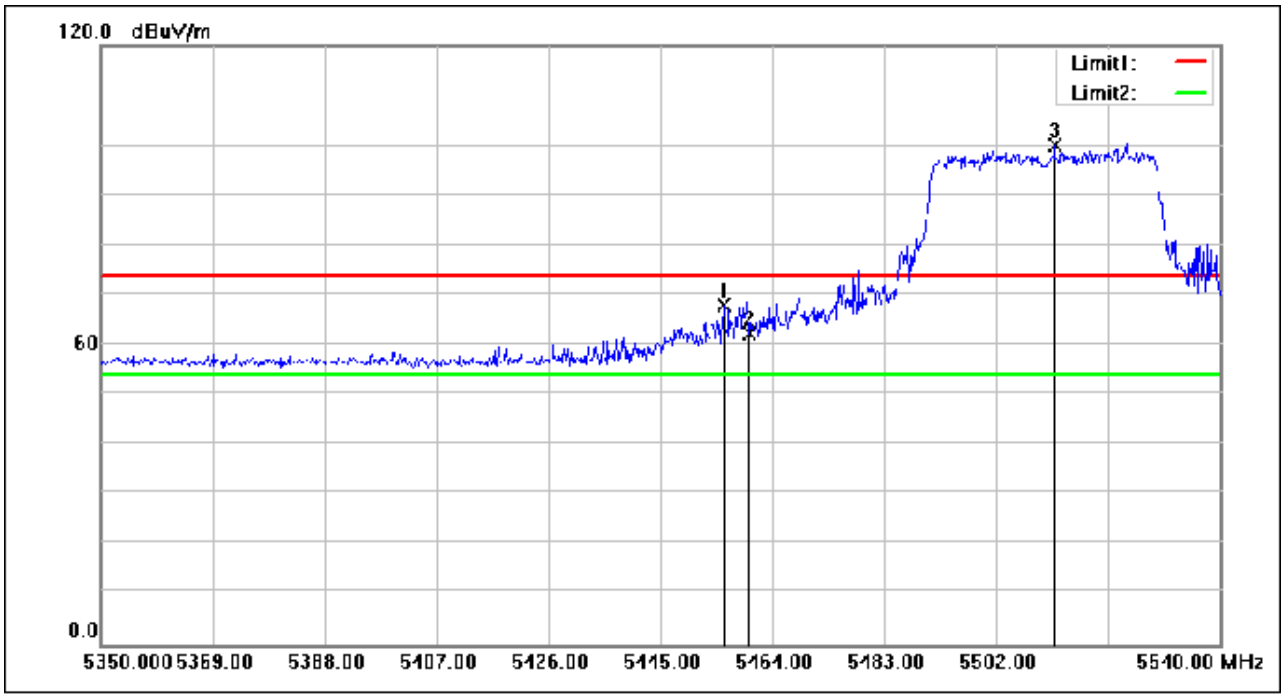
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.210	90.02	-17.76	72.26	74.00	-1.74	peak
2	5460.000	85.90	-17.76	68.14	74.00	-5.86	peak
3	5517.580	123.98	-17.67	106.31	74.00	32.31	peak

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



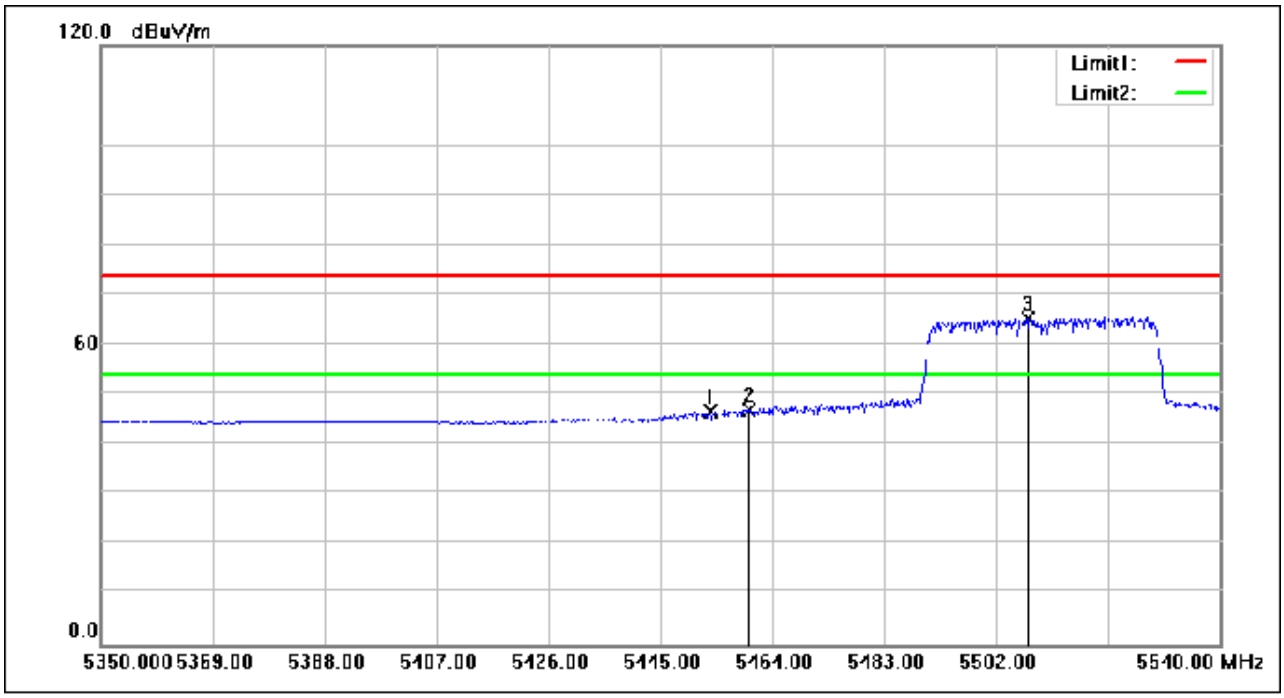
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5452.980	65.31	-17.76	47.55	54.00	-6.45	AVG
2	5460.000	65.71	-17.76	47.95	54.00	-6.05	AVG
3	5508.080	85.49	-17.69	67.80	54.00	13.80	AVG

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



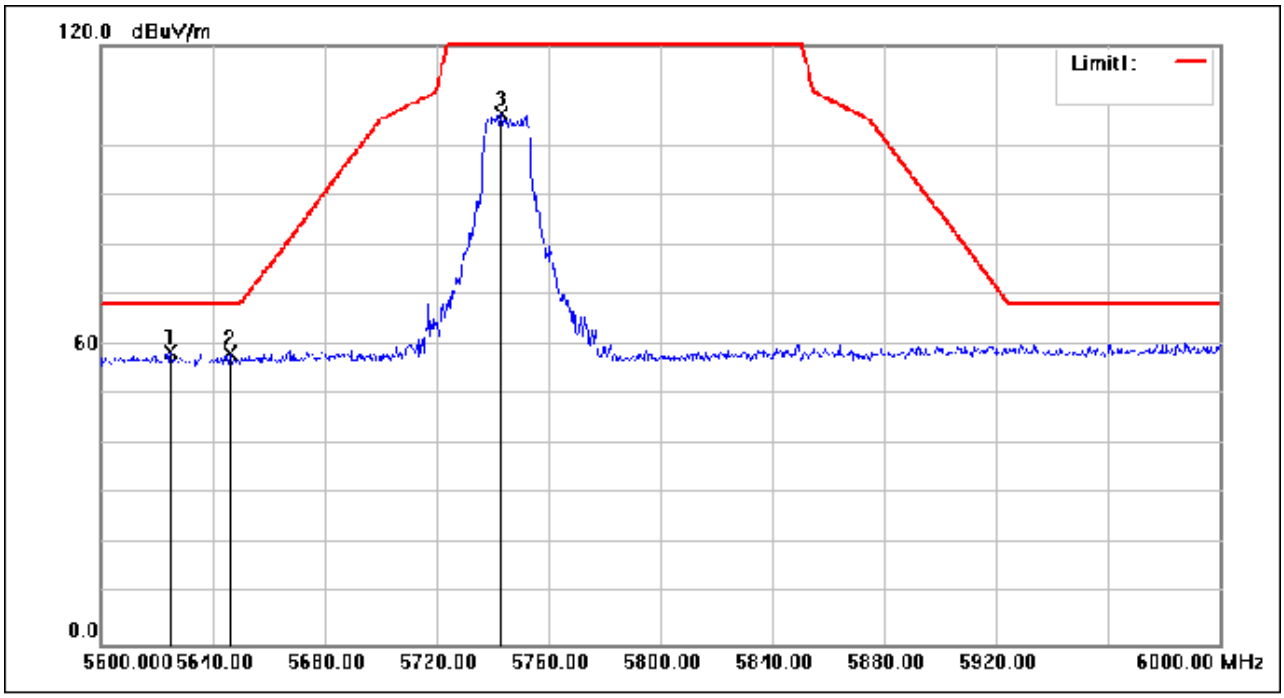
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5455.830	85.70	-17.76	67.94	74.00	-6.06	peak
2	5460.000	80.15	-17.76	62.39	74.00	-11.61	peak
3	5511.880	117.64	-17.68	99.96	74.00	25.96	peak

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



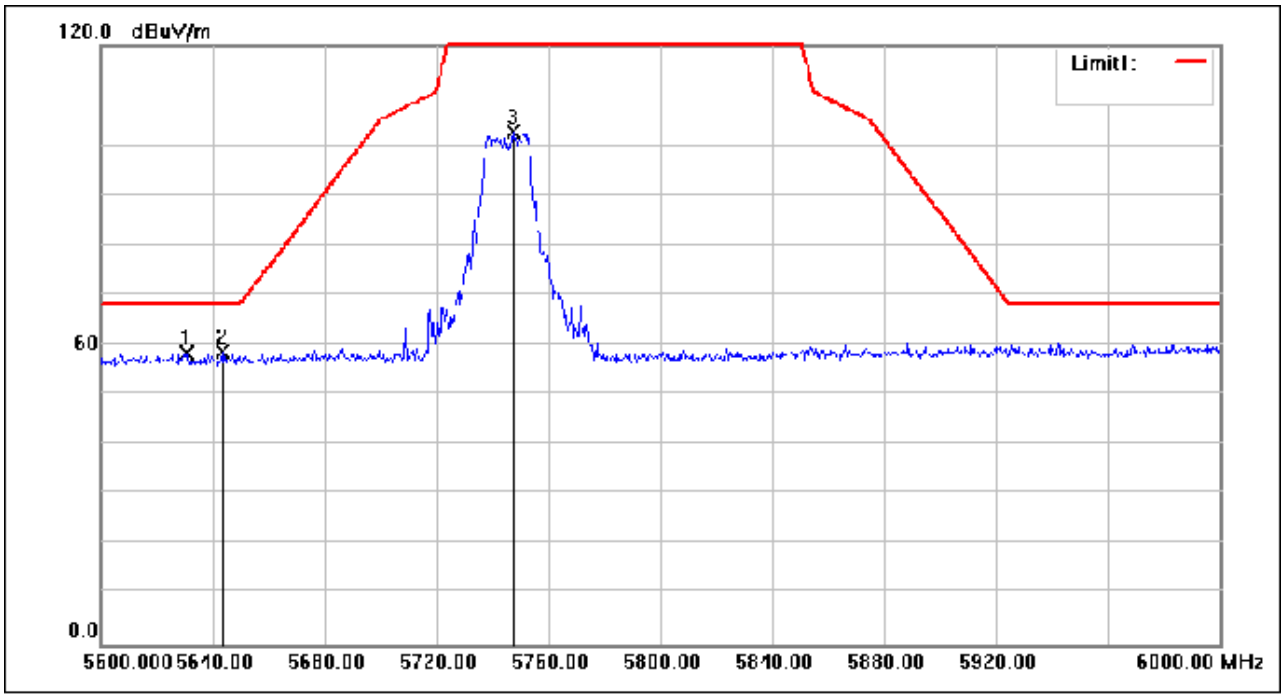
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5453.360	64.46	-17.76	46.70	74.00	-27.30	RMS
2	5460.000	64.62	-17.76	46.86	54.00	-7.14	AVG
3	5507.510	82.97	-17.69	65.28	54.00	11.28	AVG

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



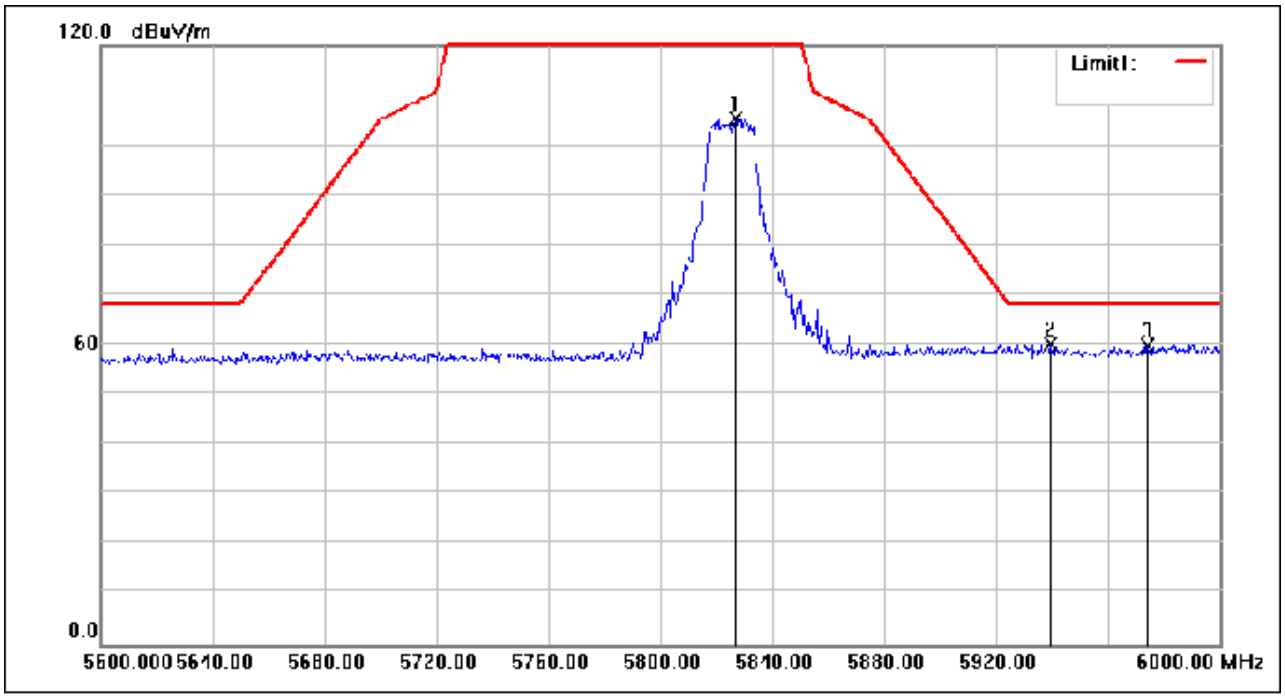
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.800	75.89	-17.34	58.55	68.20	-9.65	peak
2	5646.000	75.74	-17.25	58.49	68.20	-9.71	peak
3	5743.200	123.17	-16.85	106.32	135.00	-28.68	peak

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



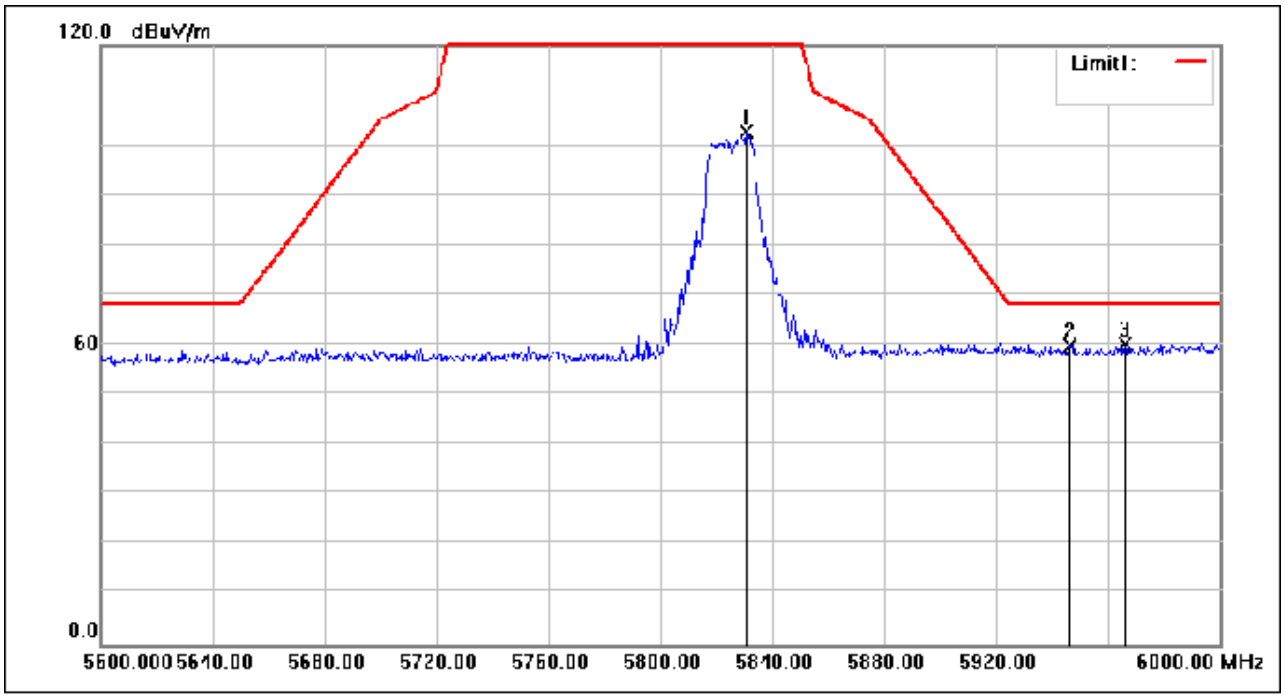
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.400	75.61	-17.31	58.30	68.20	-9.90	peak
2	5643.200	75.87	-17.26	58.61	68.20	-9.59	peak
3	5747.200	119.52	-16.83	102.69	135.00	-32.31	peak

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



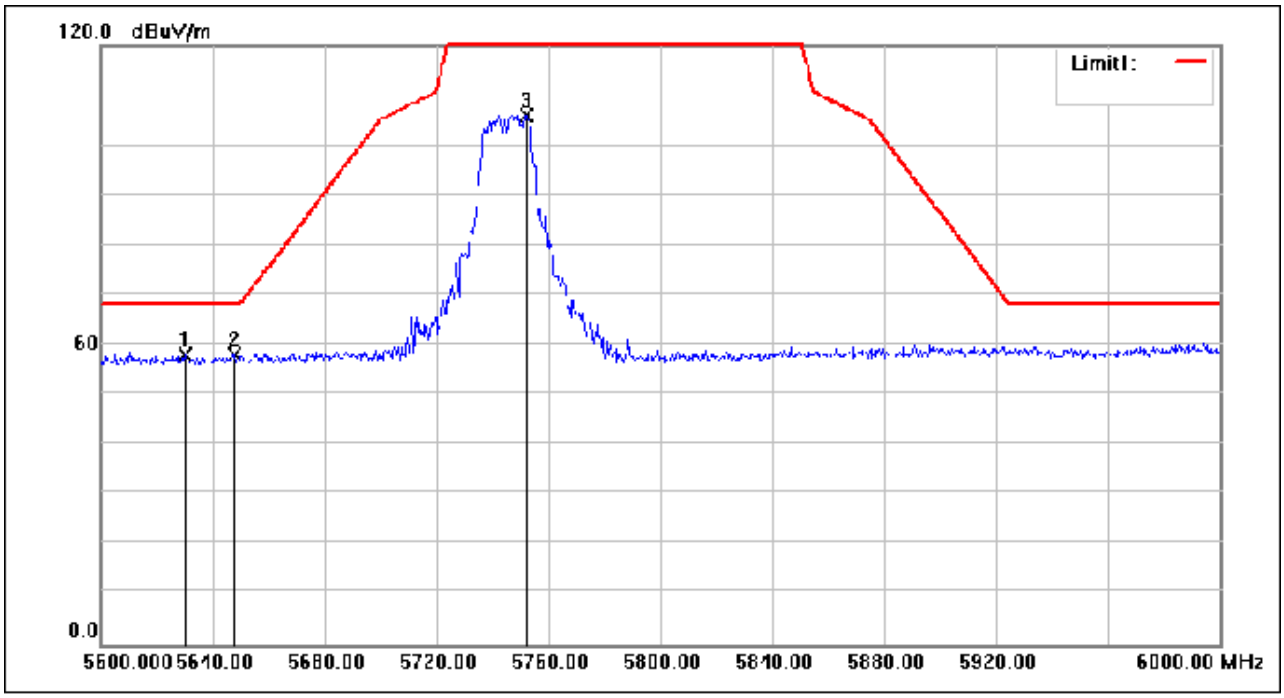
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.800	122.07	-16.50	105.57	135.00	-29.43	peak
2	5939.200	76.11	-16.03	60.08	68.20	-8.12	peak
3	5974.000	75.64	-15.88	59.76	68.20	-8.44	peak

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



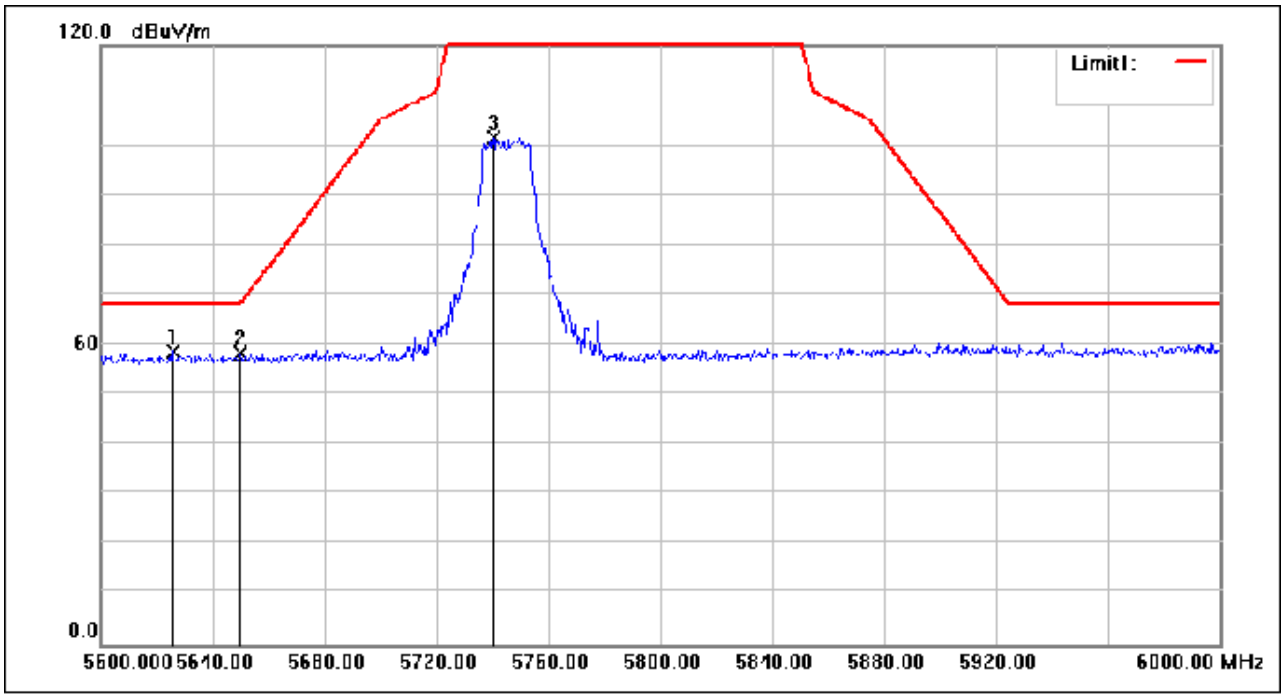
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.400	119.11	-16.48	102.63	135.00	-32.37	peak
2	5946.400	75.84	-16.01	59.83	68.20	-8.37	peak
3	5966.000	75.98	-15.92	60.06	68.20	-8.14	peak

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



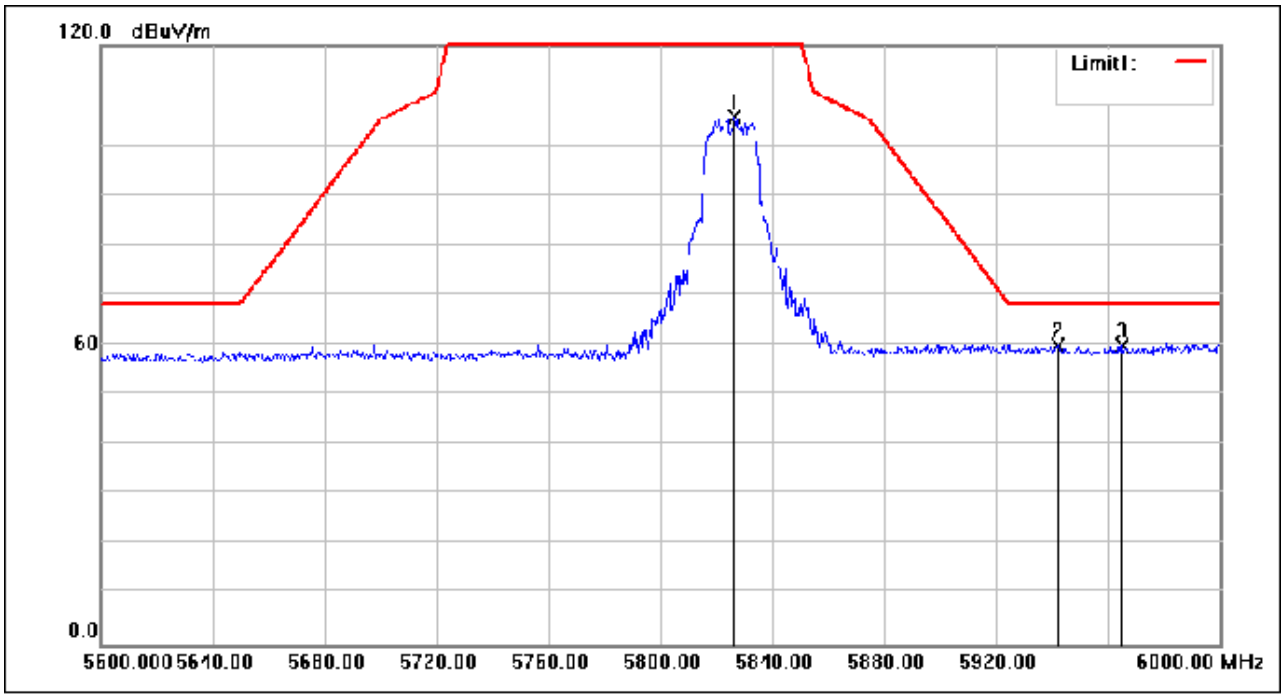
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5630.000	75.25	-17.32	57.93	68.20	-10.27	peak
2	5647.600	75.39	-17.25	58.14	68.20	-10.06	peak
3	5752.000	122.84	-16.81	106.03	135.00	-28.97	peak

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



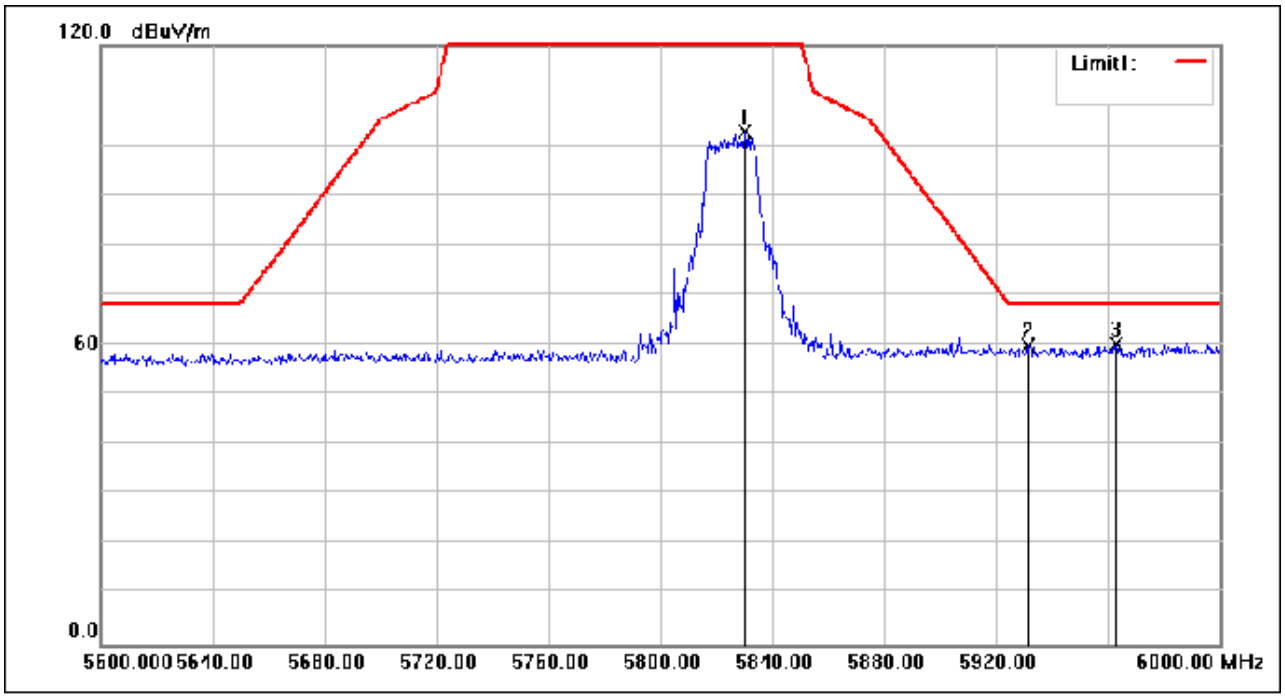
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.600	76.14	-17.34	58.80	68.20	-9.40	peak
2	5650.000	75.69	-17.23	58.46	68.20	-9.74	peak
3	5740.400	118.41	-16.86	101.55	135.00	-33.45	peak

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



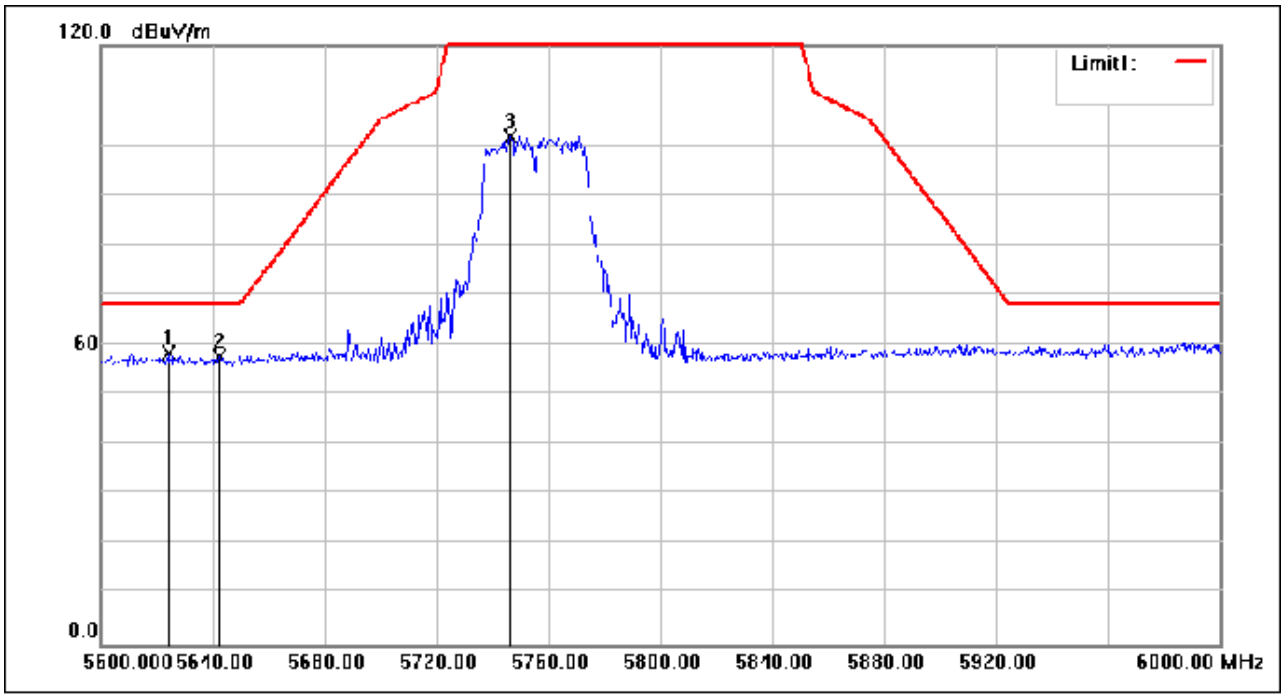
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.400	122.27	-16.50	105.77	135.00	-29.23	peak
2	5942.000	75.96	-16.02	59.94	68.20	-8.26	peak
3	5964.800	75.82	-15.93	59.89	68.20	-8.31	peak

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



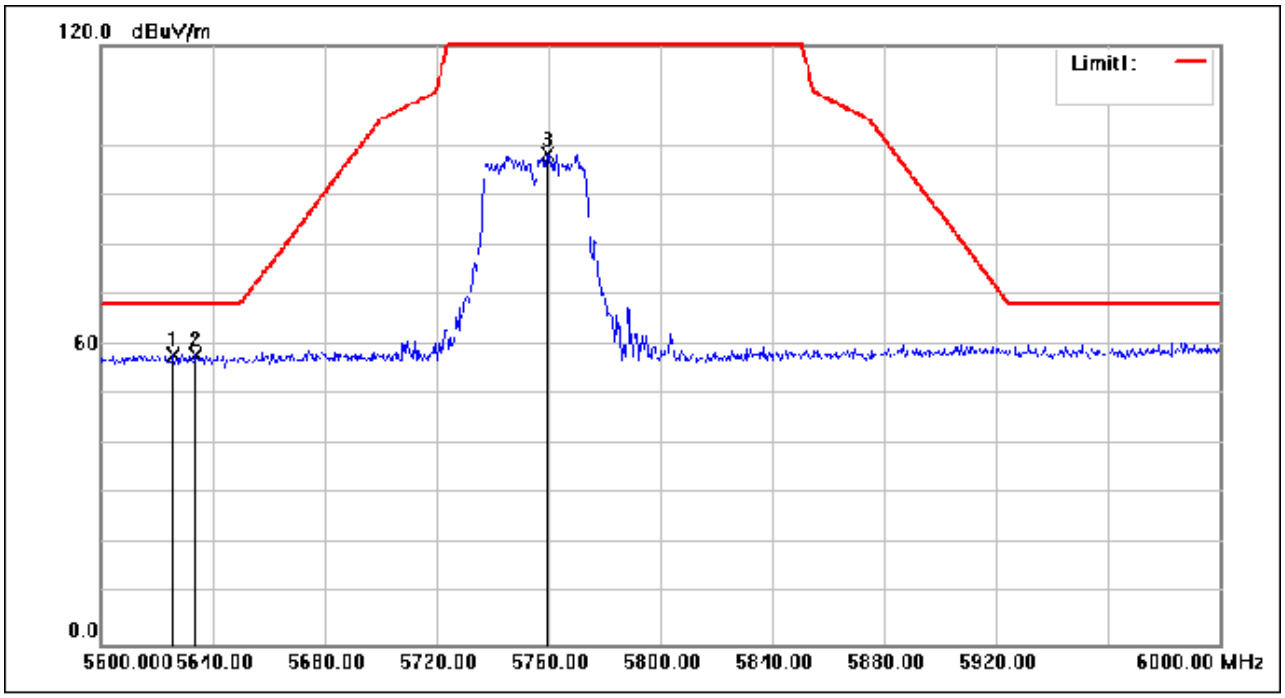
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.000	119.24	-16.49	102.75	135.00	-32.25	peak
2	5931.200	75.83	-16.06	59.77	68.20	-8.43	peak
3	5962.800	75.98	-15.94	60.04	68.20	-8.16	peak

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



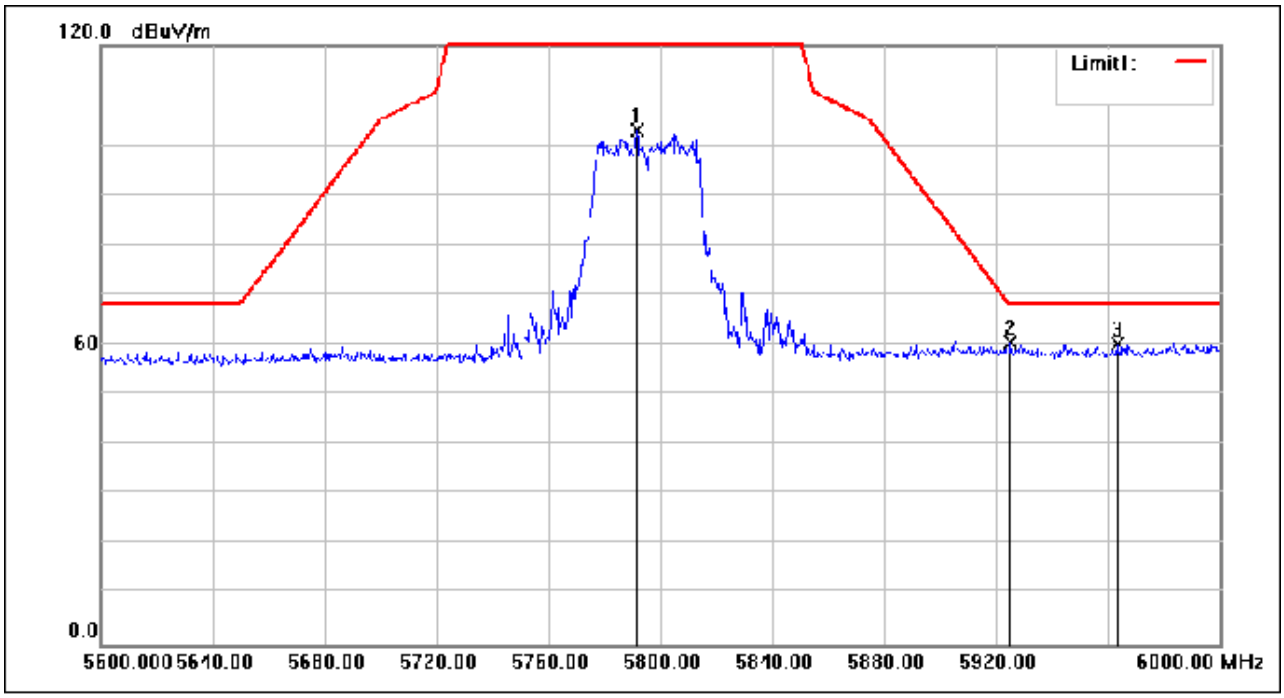
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5624.000	75.58	-17.34	58.24	68.20	-9.96	peak
2	5642.400	75.14	-17.27	57.87	68.20	-10.33	peak
3	5746.400	118.76	-16.84	101.92	135.00	-33.08	peak

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



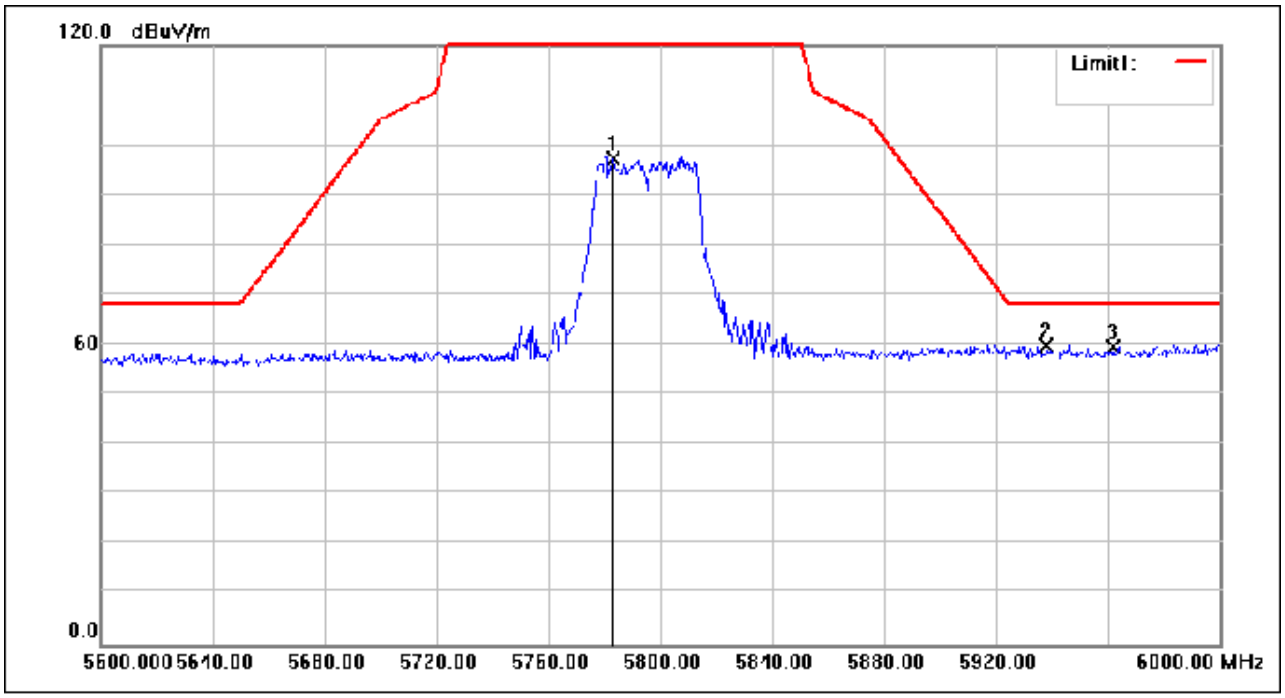
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.600	75.32	-17.34	57.98	68.20	-10.22	peak
2	5634.000	75.36	-17.30	58.06	68.20	-10.14	peak
3	5759.600	115.06	-16.78	98.28	135.00	-36.72	peak

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



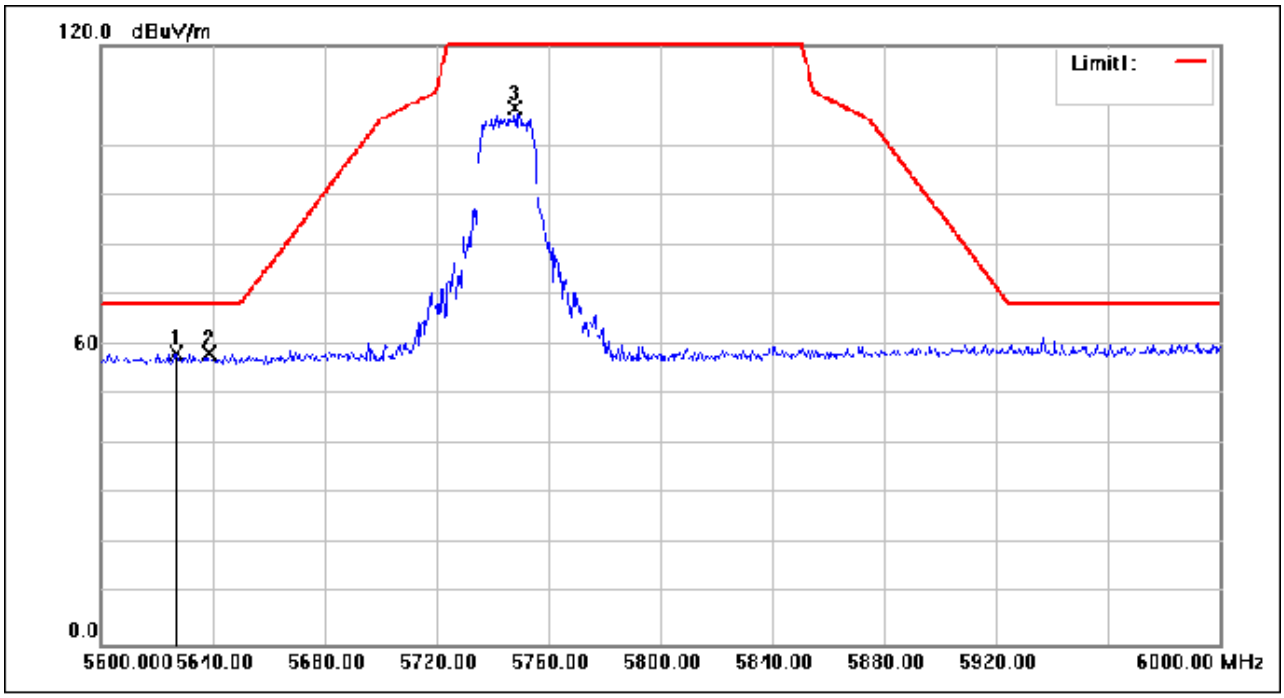
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5791.600	119.77	-16.64	103.13	135.00	-31.87	peak
2	5925.200	76.48	-16.09	60.39	68.20	-7.81	peak
3	5963.200	76.17	-15.93	60.24	68.20	-7.96	peak

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



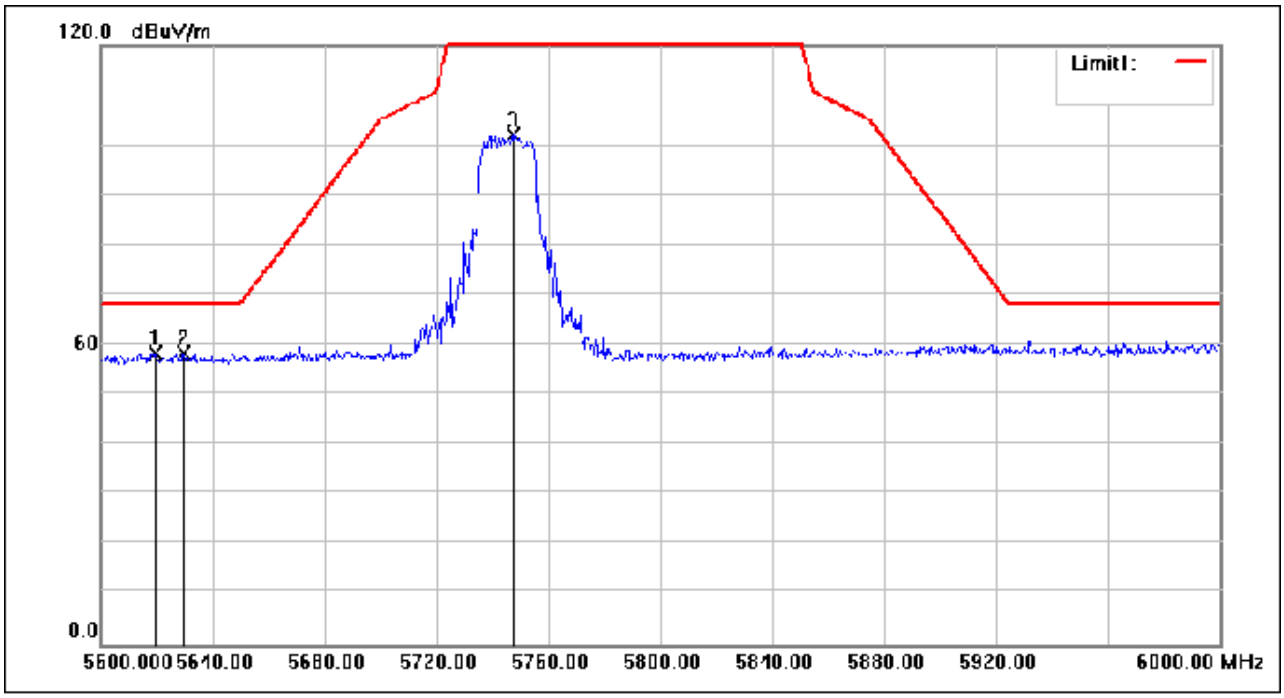
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5783.200	114.16	-16.68	97.48	135.00	-37.52	peak
2	5938.000	75.98	-16.04	59.94	68.20	-8.26	peak
3	5961.600	75.61	-15.94	59.67	68.20	-8.53	peak

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



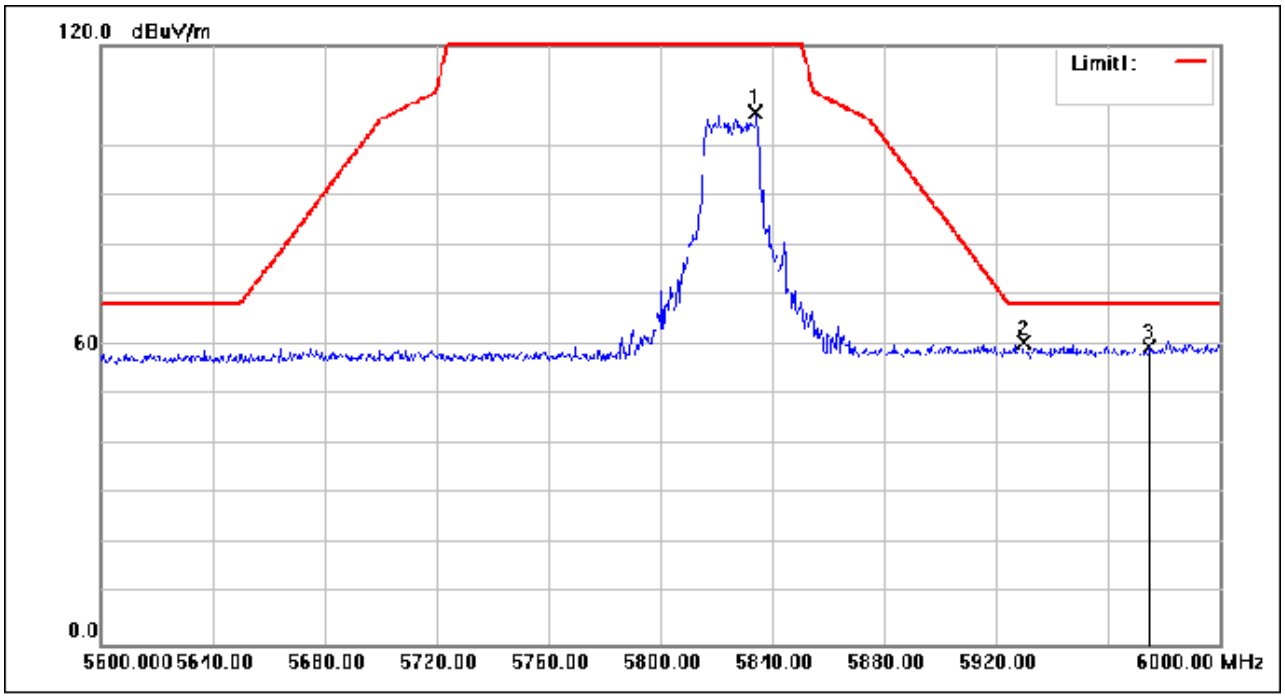
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.800	75.57	-17.33	58.24	68.20	-9.96	peak
2	5638.400	75.62	-17.28	58.34	68.20	-9.86	peak
3	5748.000	124.23	-16.83	107.40	135.00	-27.60	peak

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



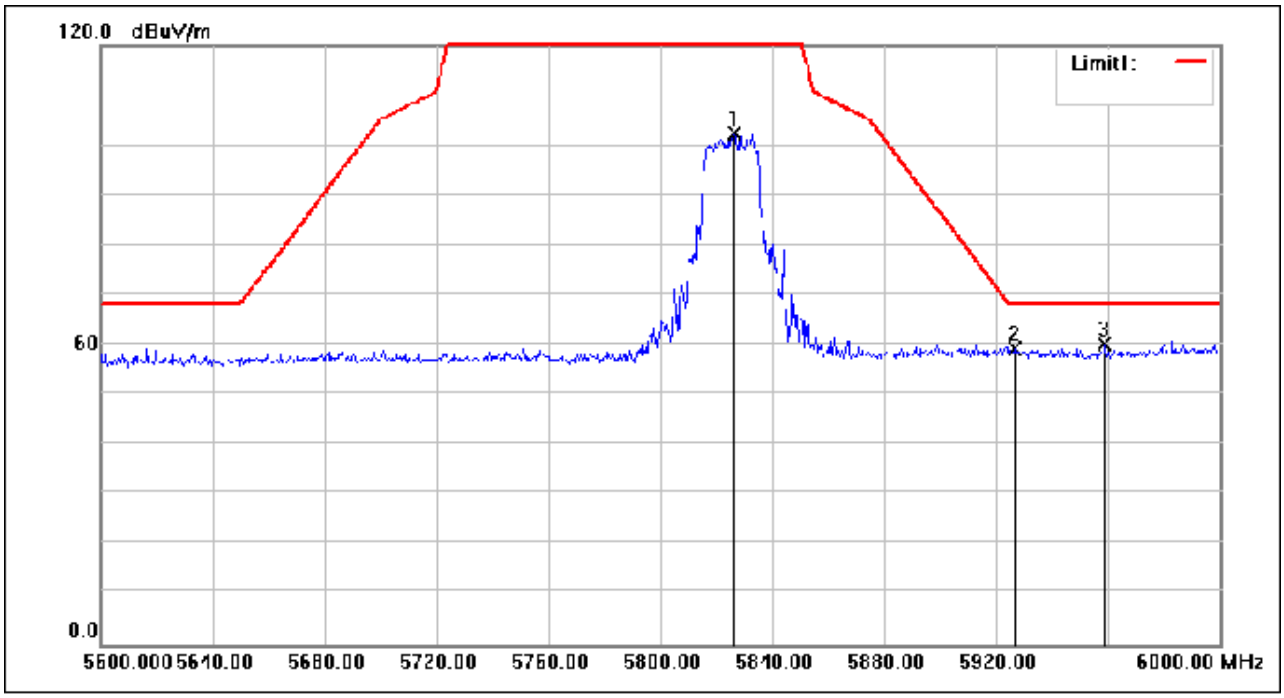
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5619.200	75.70	-17.36	58.34	68.20	-9.86	peak
2	5629.600	75.62	-17.32	58.30	68.20	-9.90	peak
3	5747.200	118.84	-16.83	102.01	135.00	-32.99	peak

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



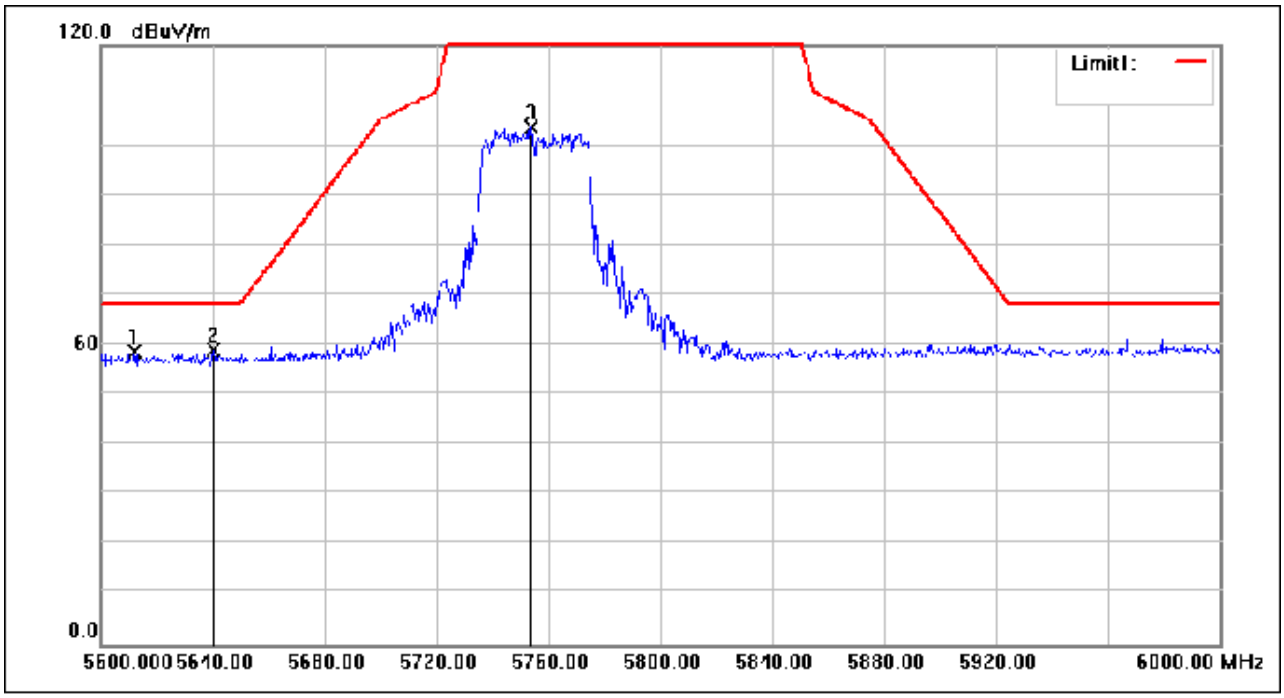
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5834.000	123.12	-16.47	106.65	135.00	-28.35	peak
2	5929.600	76.66	-16.08	60.58	68.20	-7.62	peak
3	5974.800	75.50	-15.88	59.62	68.20	-8.58	peak

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



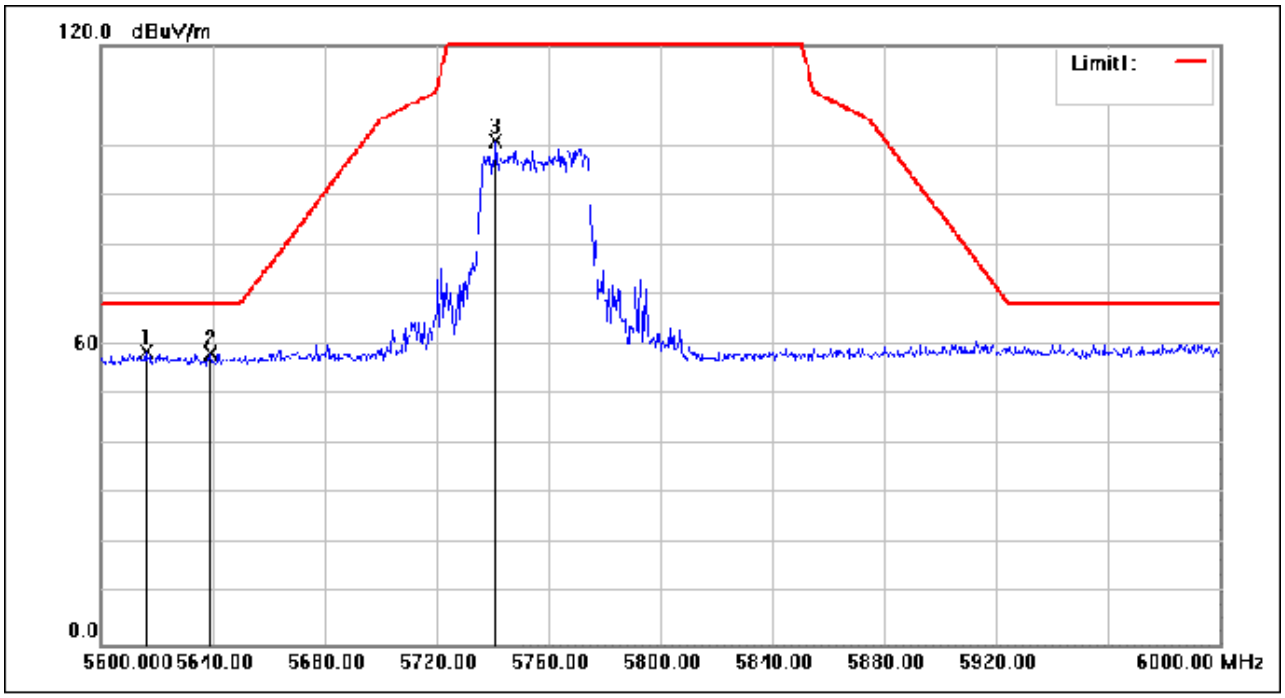
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5826.400	118.88	-16.50	102.38	135.00	-32.62	peak
2	5926.400	75.43	-16.09	59.34	68.20	-8.86	peak
3	5958.800	76.05	-15.95	60.10	68.20	-8.10	peak

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



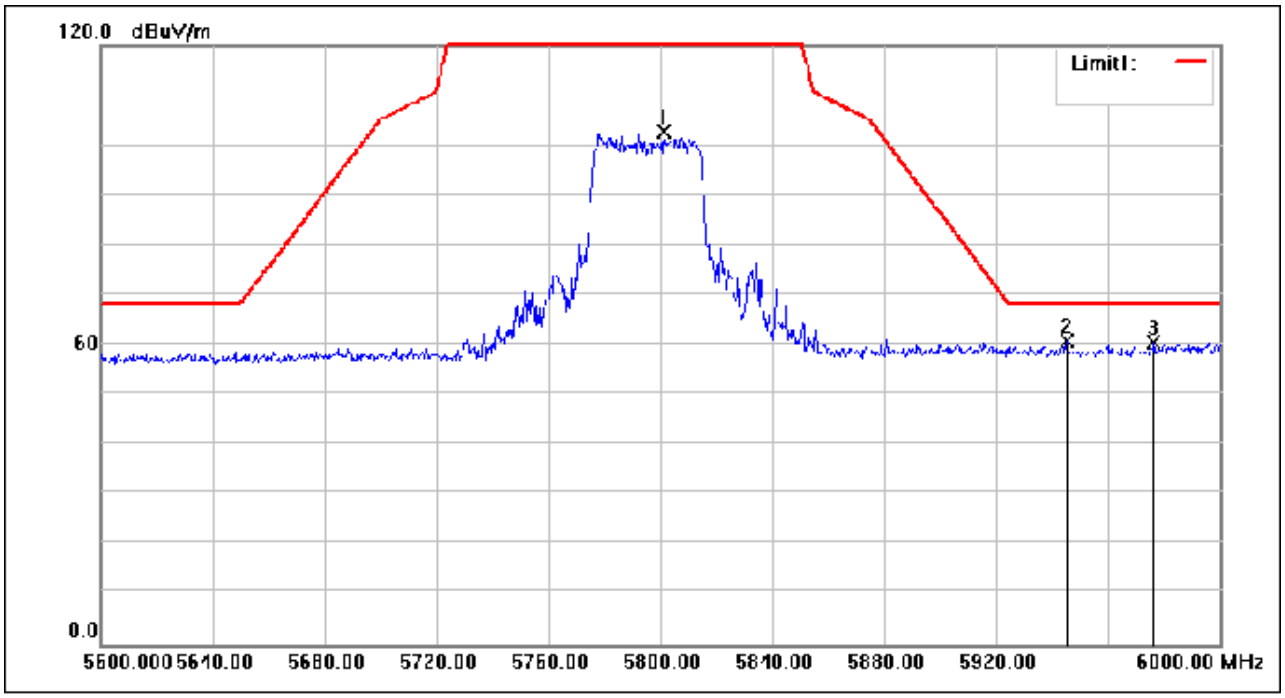
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5612.000	76.01	-17.39	58.62	68.20	-9.58	peak
2	5640.000	76.12	-17.27	58.85	68.20	-9.35	peak
3	5753.600	120.55	-16.80	103.75	135.00	-31.25	peak

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



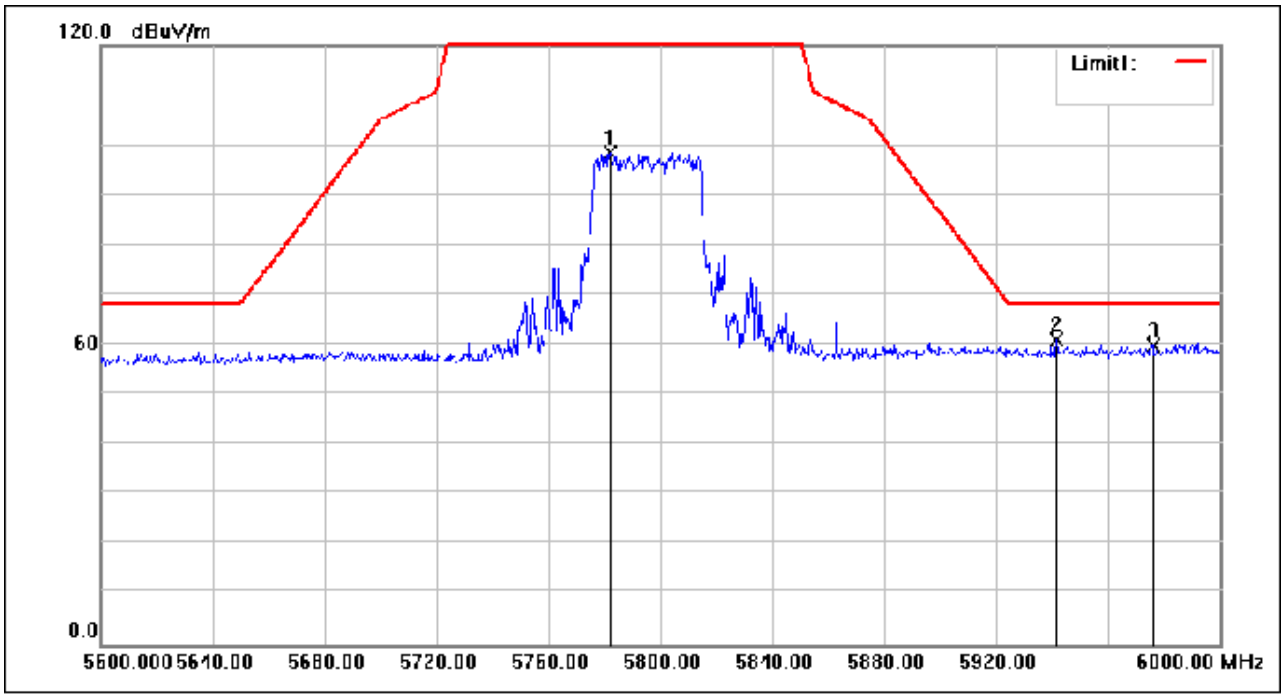
No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.000	75.94	-17.37	58.57	68.20	-9.63	peak
2	5639.200	75.65	-17.28	58.37	68.20	-9.83	peak
3	5741.200	117.79	-16.85	100.94	135.00	-34.06	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5801.200	119.42	-16.61	102.81	135.00	-32.19	peak
2	5945.200	76.89	-16.01	60.88	68.20	-7.32	peak
3	5976.400	76.34	-15.88	60.46	68.20	-7.74	peak

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



No.	Frequency (MHz)	Reading (dBuV/m)	Correction factor(dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5782.000	115.17	-16.69	98.48	135.00	-36.52	peak
2	5941.600	76.93	-16.02	60.91	68.20	-7.29	peak
3	5976.000	75.77	-15.88	59.89	68.20	-8.31	peak

7.6 Duty Cycle

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

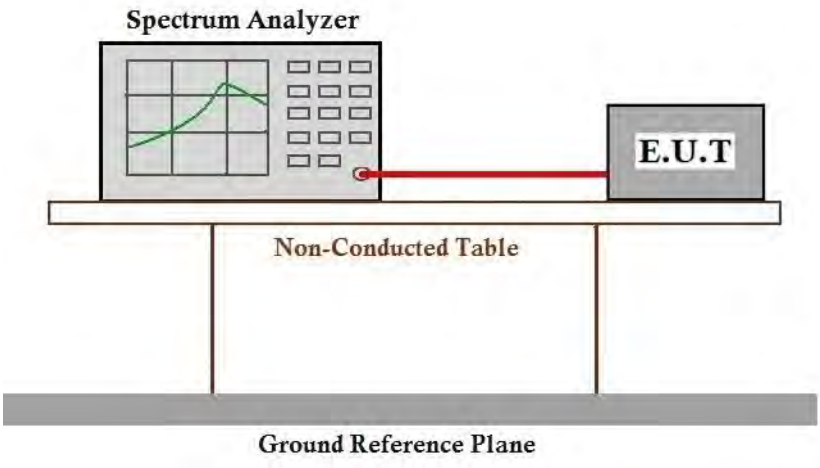
7.6.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.3 % RH Atmospheric Pressure: 1010 mbar

7.6.2 Test Mode Description

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

7.6.3 Test Setup Diagram



7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.7 99% Bandwidth

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

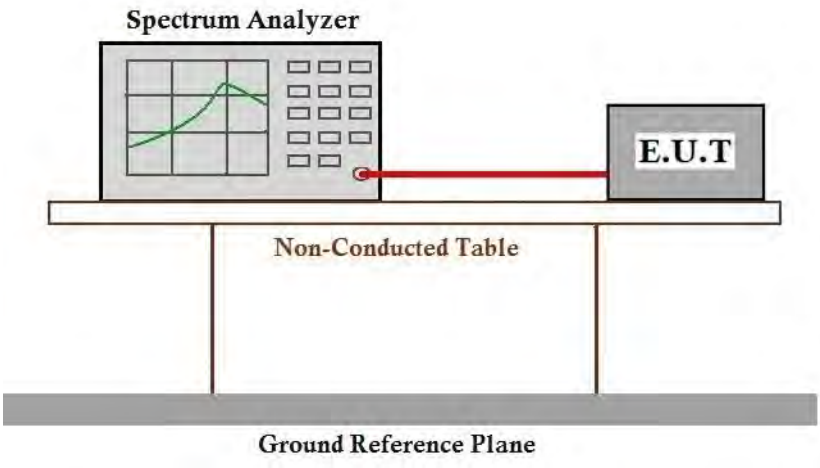
7.7.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.3 % RH Atmospheric Pressure: 1010 mbar

7.7.2 Test Mode Description

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

7.7.3 Test Setup Diagram



7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.8 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: KDB 789033 D02 II C 1

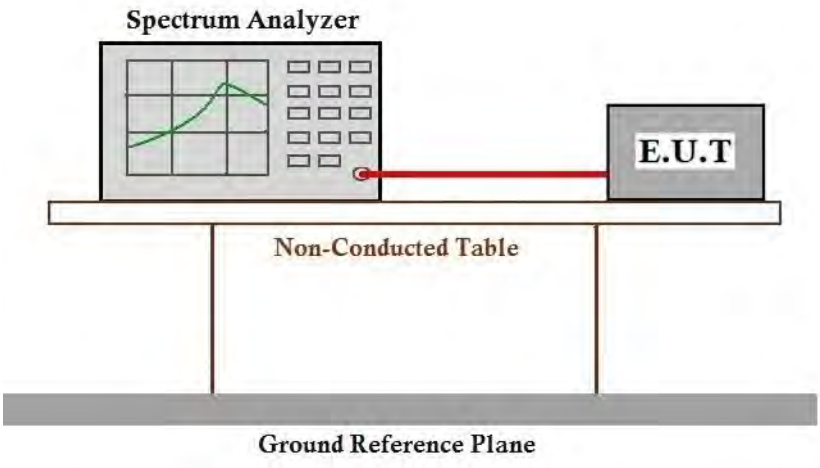
7.8.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.2 % RH Atmospheric Pressure: 1010 mbar

7.8.2 Test Mode Description

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

7.8.3 Test Setup Diagram



7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)
Test Method: KDB 789033 D02 II C 2

Limit:

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

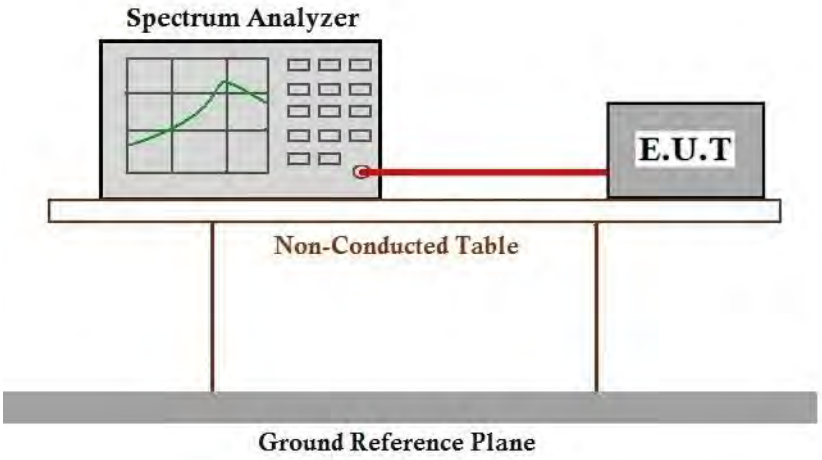
7.9.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.3 % RH Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

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

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.10 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: KDB 789033 D02 II F

Limit:

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

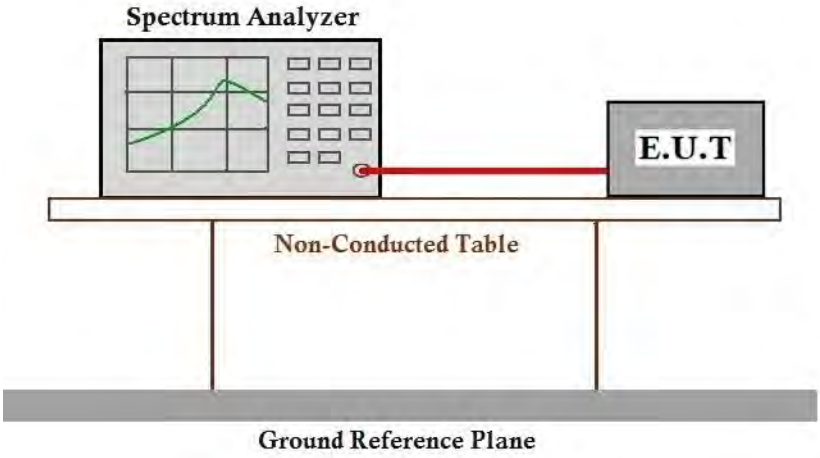
7.10.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.2 % RH Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

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

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
Test Method: ANSI C63.10 (2013) Section 6.8

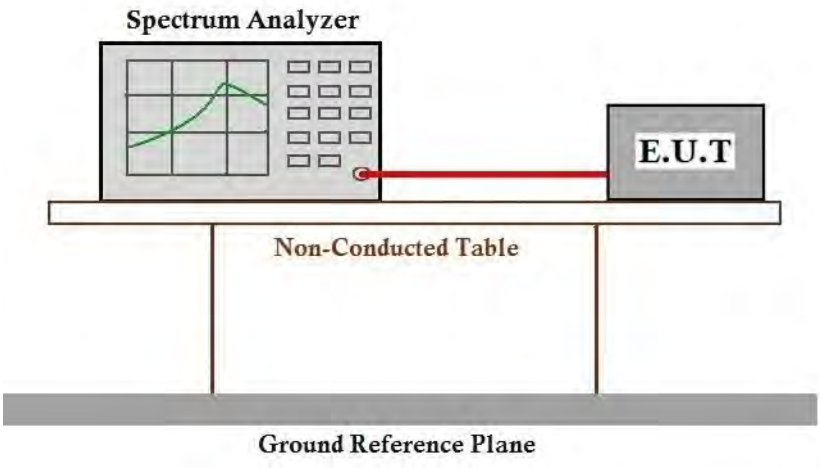
7.11.1 E.U.T. Operation

Operating Environment:
Temperature: 20.3 °C Humidity: 45.3 % RH Atmospheric Pressure: 1010 mbar

7.11.2 Test Mode Description

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

7.11.3 Test Setup Diagram



7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.12 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.

7.12.1 E.U.T. Operation

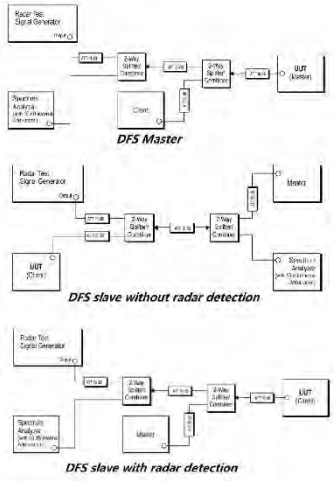
Operating Environment:

Temperature: 20.3 °C Humidity: 45.4 % RH Atmospheric Pressure: 1010 mbar

7.12.2 Test Mode Description

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

7.12.3 Test Setup Diagram



7.12.4 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 X 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

7.13 Channel Closing Transmission Time

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

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required

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.

7.13.1 E.U.T. Operation

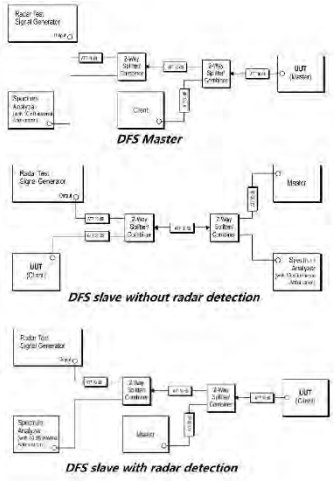
Operating Environment:

Temperature: 20.3 °C Humidity: 45.3 % RH Atmospheric Pressure: 1010 mbar

7.13.2 Test Mode Description

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

7.13.3 Test Setup Diagram



7.13.4 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 X 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

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for KSCR2407001230AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix - Photographs of EUT Constructional Details for KSCR2407001230AT

10 Appendix

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

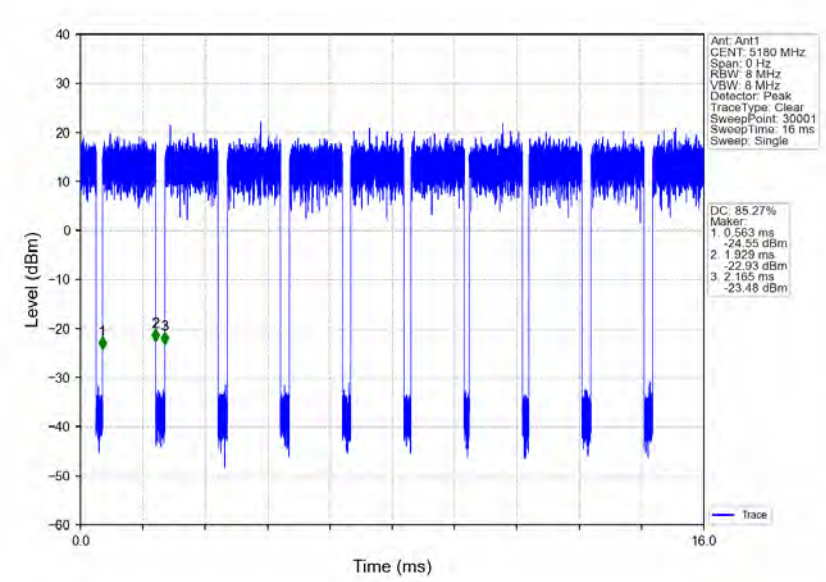
Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	/	/	1.366	1.602	85.27	0.69	6.18
		5200	/	/	1.367	1.829	74.74	1.26	4.26
		5240	/	/	1.366	1.602	85.27	0.69	6.71
		5260	/	/	1.366	1.593	85.75	0.67	6.22
		5300	/	/	1.367	1.602	85.33	0.69	6.74
		5320	/	/	1.366	1.593	85.75	0.67	4.60
		5500	/	/	1.365	1.585	86.12	0.65	5.75
		5580	/	/	1.366	1.575	86.73	0.62	5.27
		5700	/	/	1.366	1.680	81.31	0.90	10.70
		5745	/	/	1.366	1.603	85.22	0.69	6.74
		5785	/	/	1.365	1.601	85.26	0.69	6.91
		5825	/	/	1.366	1.602	85.27	0.69	5.05
802.11ac (VHT20)	SISO	5180	/	/	1.286	1.504	85.51	0.68	5.48
		5200	/	/	1.286	1.468	87.60	0.57	3.97
		5240	/	/	1.287	1.456	88.39	0.54	3.39
		5260	/	/	1.286	1.419	90.63	0.43	1.21
		5300	/	/	1.287	1.767	72.84	1.38	3.50
		5320	/	/	1.287	1.505	85.51	0.68	6.02
		5500	/	/	1.287	1.767	72.84	1.38	18.77
		5580	/	/	1.287	1.522	84.56	0.73	7.04
		5700	/	/	1.287	1.514	85.01	0.71	6.57
		5745	/	/	1.286	1.573	81.75	0.87	9.79
		5785	/	/	1.286	1.454	88.45	0.53	3.44
		5825	/	/	1.286	1.455	88.38	0.54	3.44
802.11ac (VHT40)	SISO	5190	/	/	0.642	0.793	80.96	0.92	3.88
		5230	/	/	0.642	0.860	74.65	1.27	9.76
		5270	/	/	0.641	1.113	57.59	2.40	5.06
		5310	/	/	0.641	0.859	74.62	1.27	6.84
		5510	/	/	0.641	0.868	73.85	1.32	9.51
		5550	/	/	0.642	0.833	77.07	1.13	7.43
		5670	/	/	0.642	1.113	57.68	2.39	5.08
		5755	/	/	0.641	0.877	73.09	1.36	11.27
		5795	/	/	0.642	0.942	68.15	1.67	16.72
802.11ax (HEW20)	SISO	5180	RU242	Left	0.997	1.234	80.79	0.93	8.53
		5200	RU242	Left	0.997	1.234	80.79	0.93	8.49
		5240	RU242	Left	0.999	1.225	81.55	0.89	7.87
		5260	RU242	Left	0.998	1.167	85.52	0.68	4.14

		5300	RU242	Left	0.998	1.488	67.07	1.73	6.23
		5320	RU242	Left	0.999	1.234	80.96	0.92	4.99
		5500	RU242	Left	0.999	1.208	82.70	0.83	6.67
		5580	RU242	Left	0.999	1.207	82.77	0.82	6.70
		5700	RU242	Left	0.998	1.216	82.07	0.86	7.30
		5745	RU242	Left	0.999	1.158	86.27	0.64	3.51
		5785	RU242	Left	0.999	1.208	82.70	0.83	6.70
		5825	RU242	Left	0.998	1.337	74.64	1.27	14.74
802.11ax (HEW40)	SISO	5190	RU484	Left	0.530	1.019	52.01	2.84	3.96
		5230	RU484	Left	0.530	0.698	75.93	1.20	6.38
		5270	RU484	Left	0.530	1.011	52.42	2.80	6.87
		5310	RU484	Left	0.530	0.757	70.01	1.55	10.55
		5510	RU484	Left	0.529	0.956	55.33	2.57	3.93
		5550	RU484	Left	0.530	0.675	78.52	1.05	3.24
		5670	RU484	Left	0.530	0.739	71.72	1.44	9.97
		5755	RU484	Left	0.530	0.720	73.61	1.33	8.18
		5795	RU484	Left	0.530	0.690	76.81	1.15	5.41

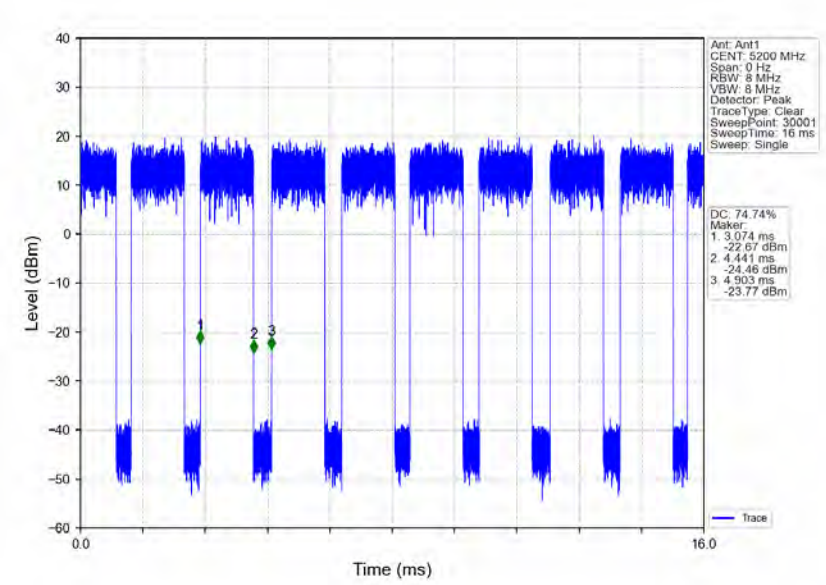
1.2 Test Graph

1.2.1 Ant1

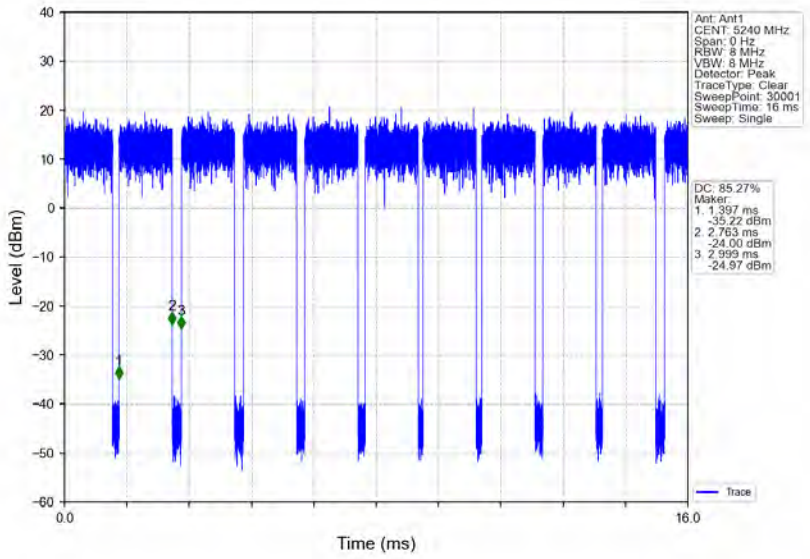
802.11a_LCH_5180MHz_Ant1_NTNV



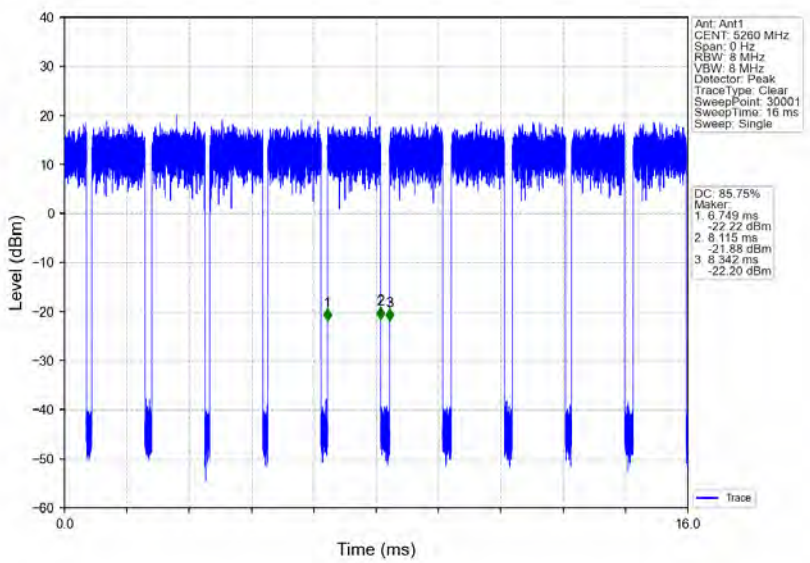
802.11a_MCH_5200MHz_Ant1_NTNV



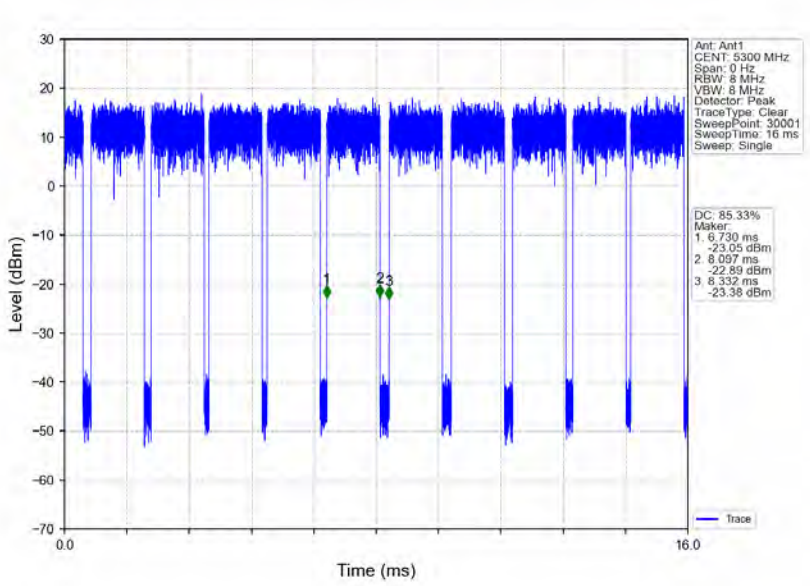
802.11a_HCH_5240MHz_Ant1_NTNV



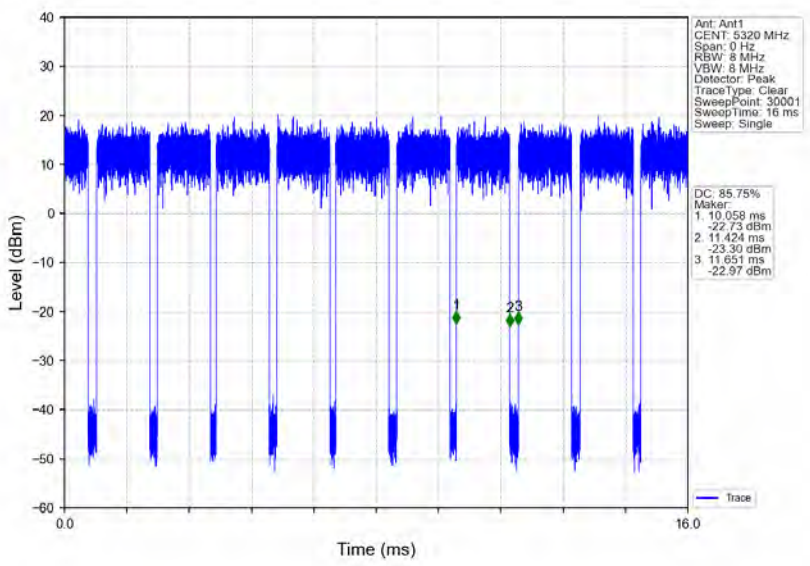
802.11a_LCH_5260MHz_Ant1_NTNV



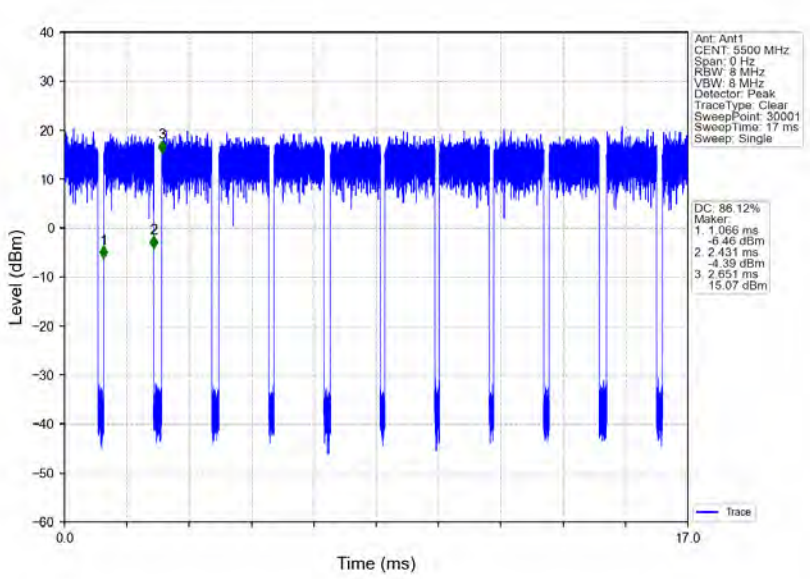
802.11a_MCH_5300MHz_Ant1_NTNV



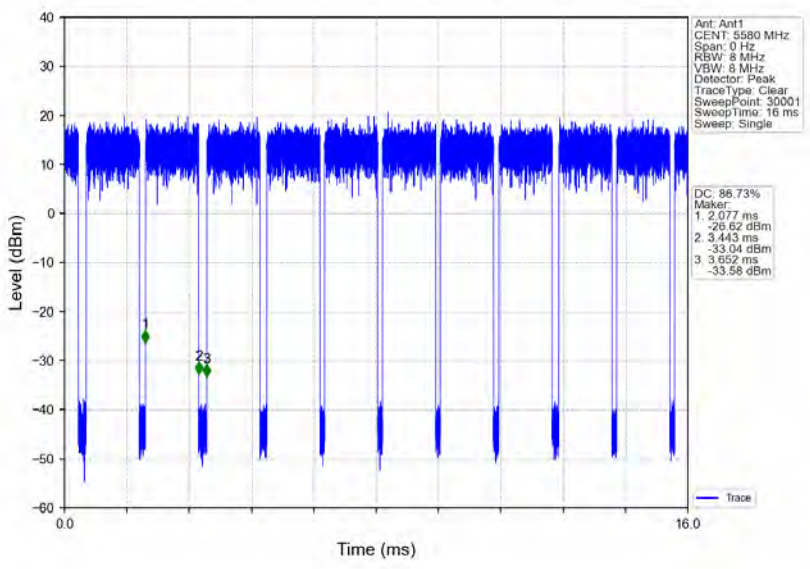
802.11a_HCH_5320MHz_Ant1_NTNV

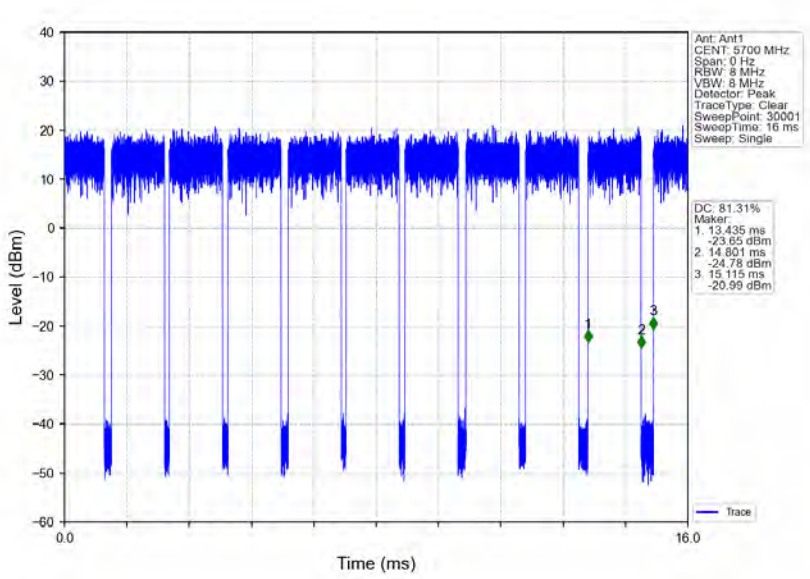
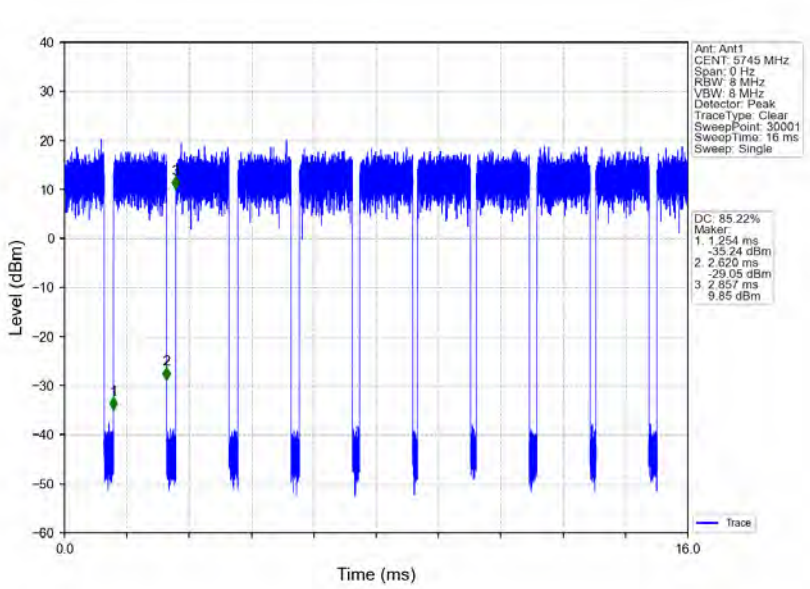


802.11a_LCH_5500MHz_Ant1_NTNV

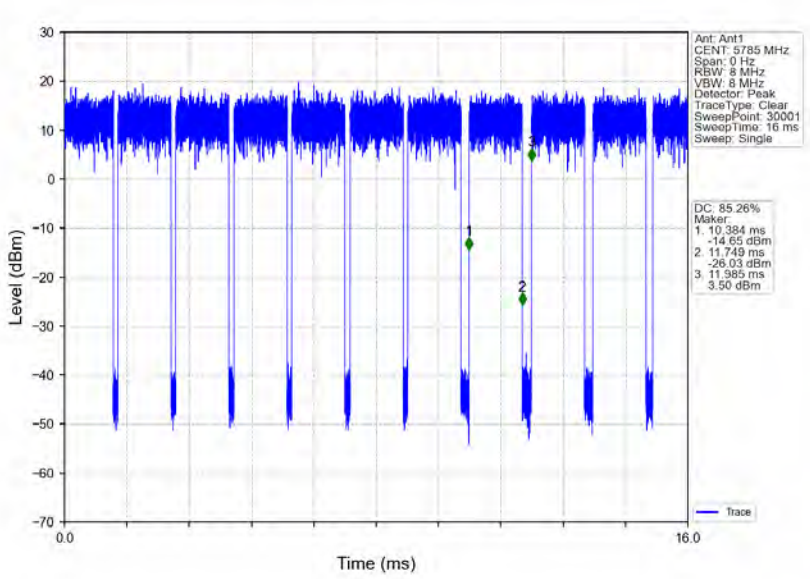


802.11a_MCH_5580MHz_Ant1_NTNV

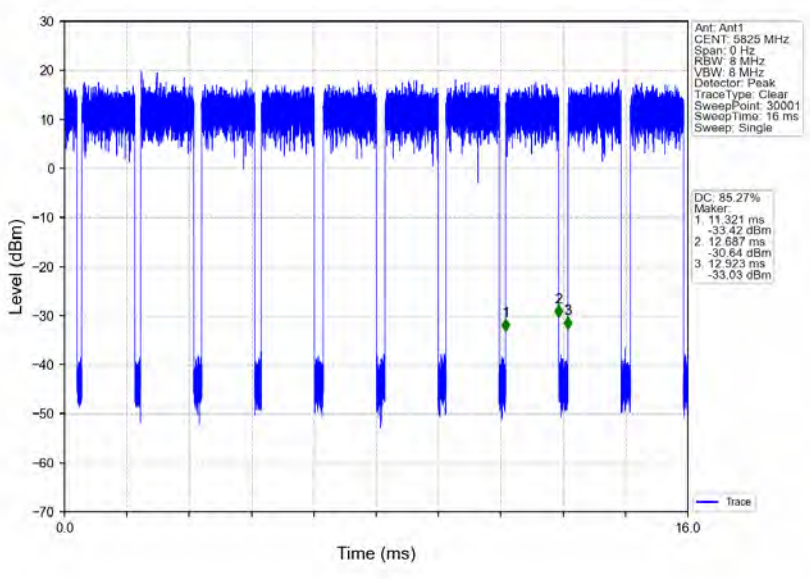


802.11a_HCH_5700MHz_Ant1_NTNV

802.11a_LCH_5745MHz_Ant1_NTNV


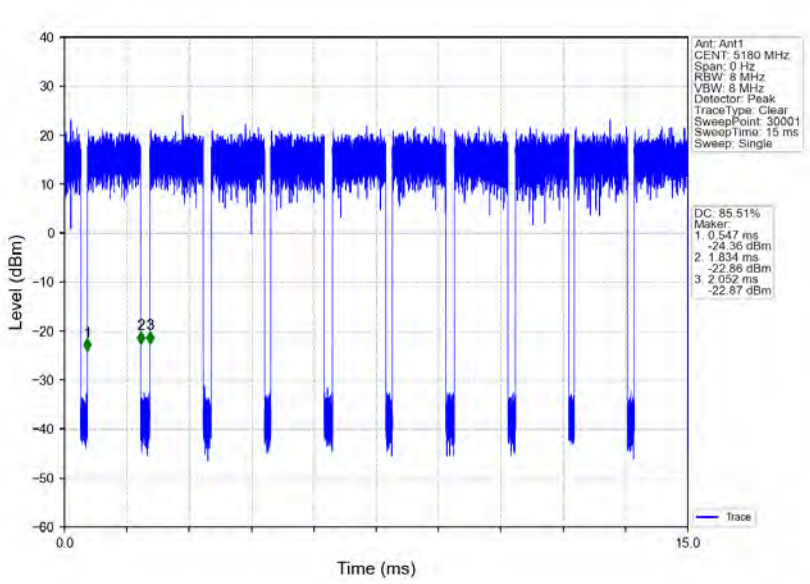
802.11a_MCH_5785MHz_Ant1_NTNV



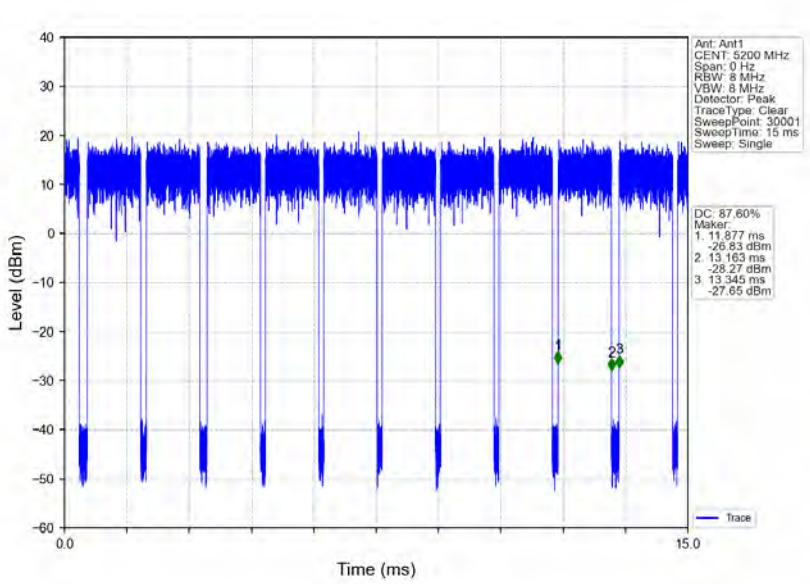
802.11a_HCH_5825MHz_Ant1_NTNV



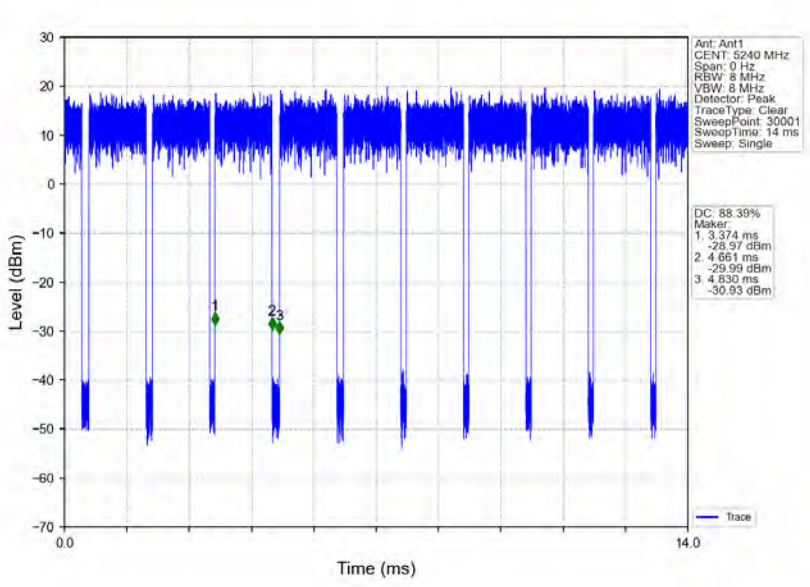
802.11ac(VHT20)_LCH_5180MHz_Ant1_NTNV



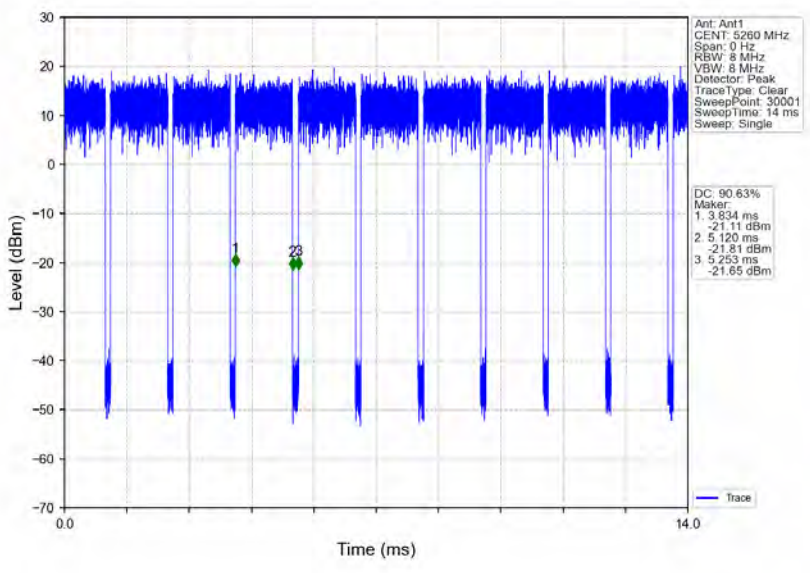
802.11ac(VHT20)_MCH_5200MHz_Ant1_NTNV



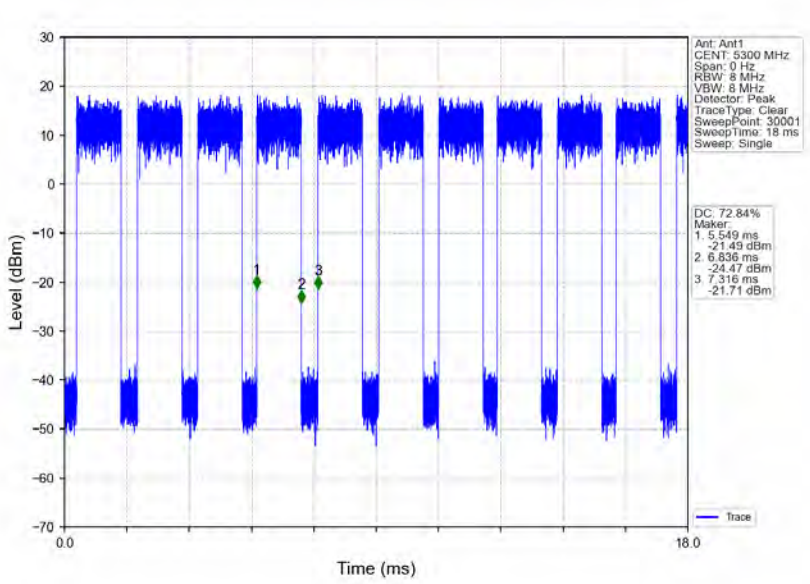
802.11ac(VHT20)_HCH_5240MHz_Ant1_NTNV



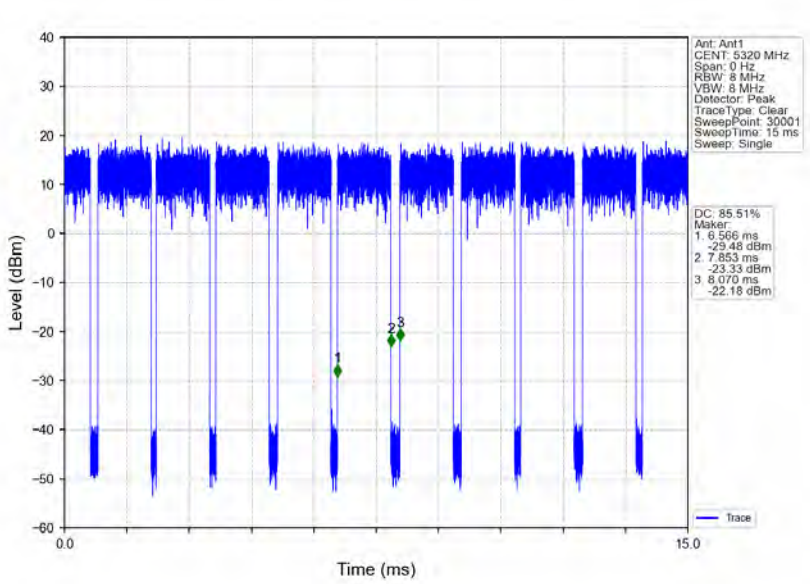
802.11ac(VHT20)_LCH_5260MHz_Ant1_NTNV



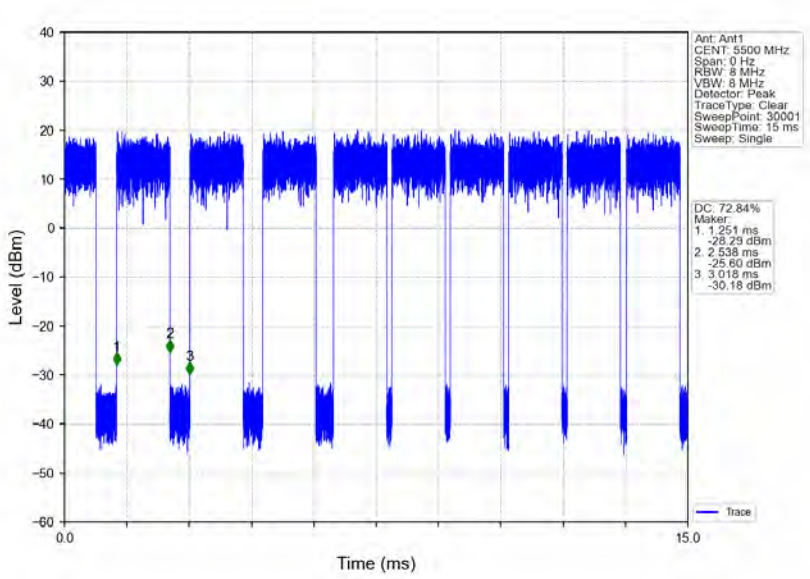
802.11ac(VHT20)_MCH_5300MHz_Ant1_NTNV



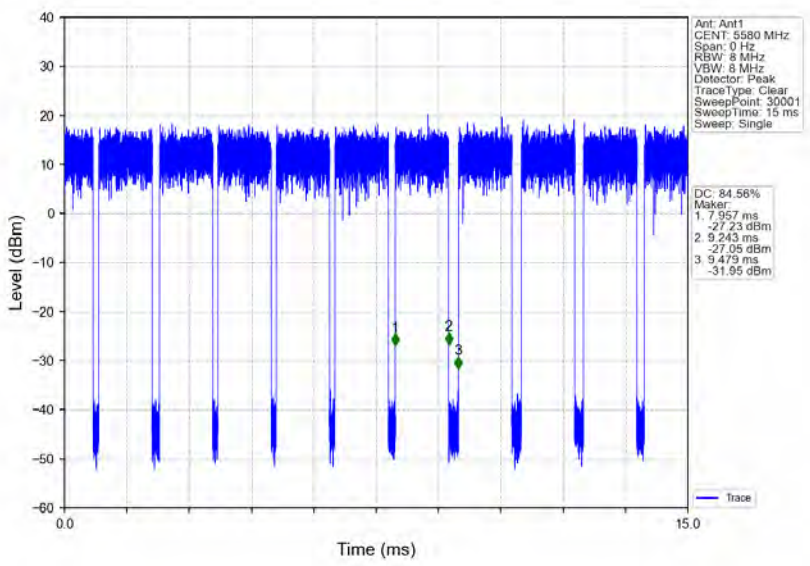
802.11ac(VHT20)_HCH_5320MHz_Ant1_NTNV



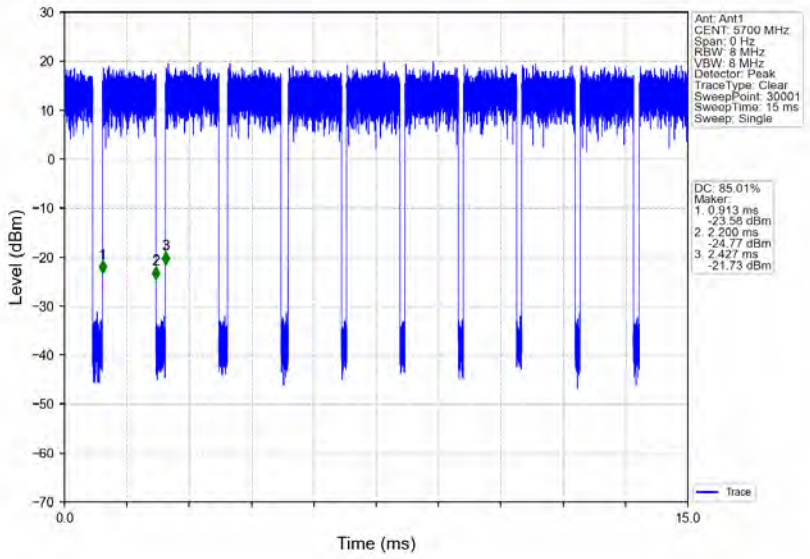
802.11ac(VHT20)_LCH_5500MHz_Ant1_NTNV



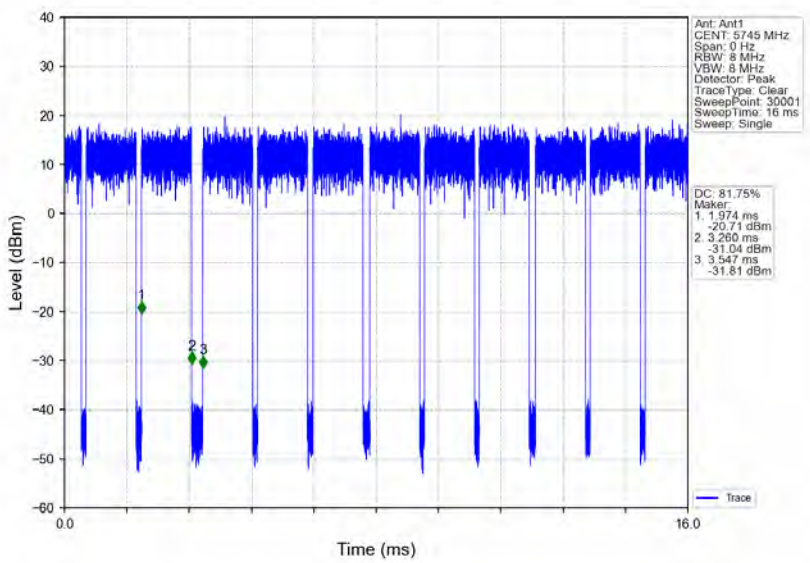
802.11ac(VHT20)_MCH_5580MHz_Ant1_NTNV



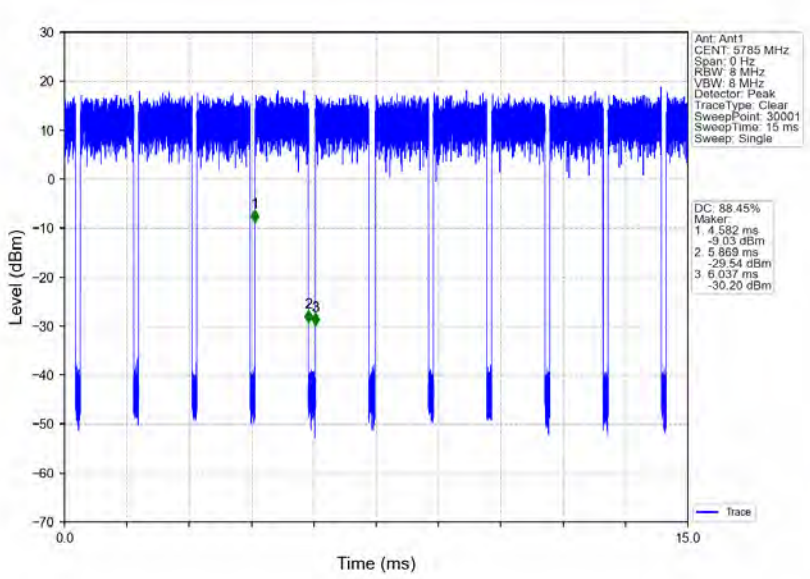
802.11ac(VHT20)_HCH_5700MHz_Ant1_NTNV



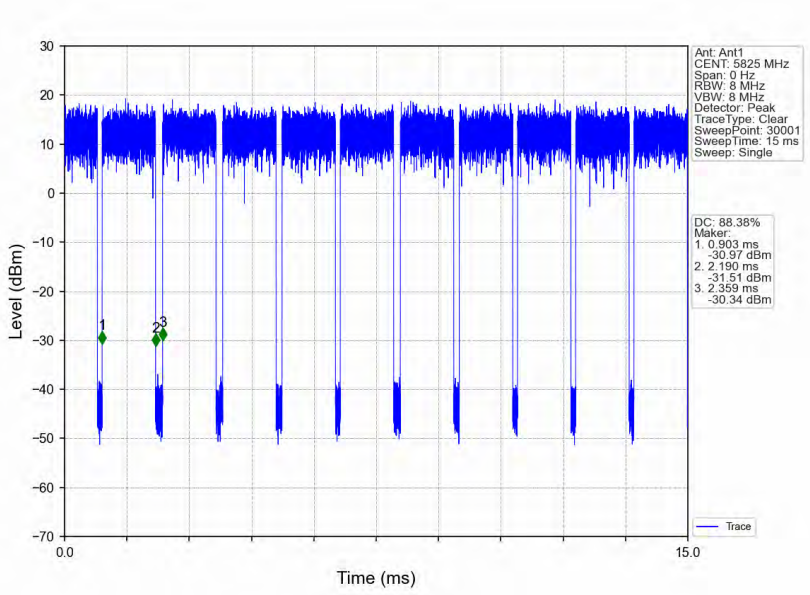
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



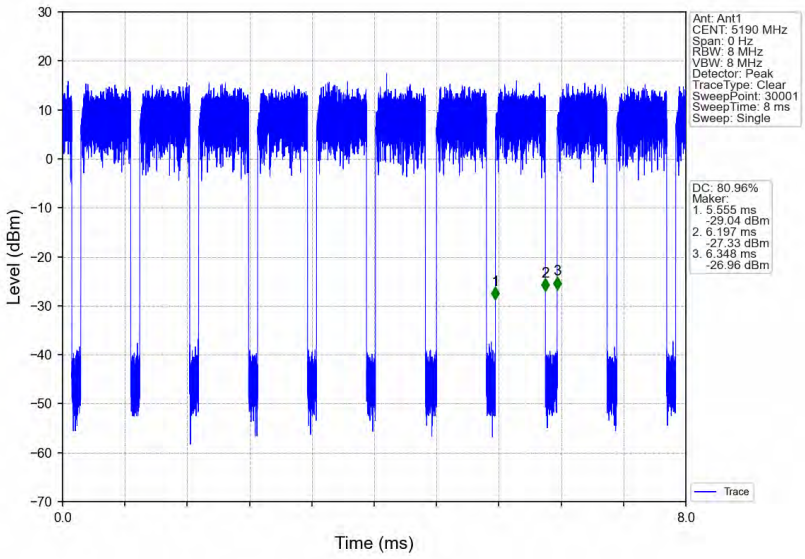
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



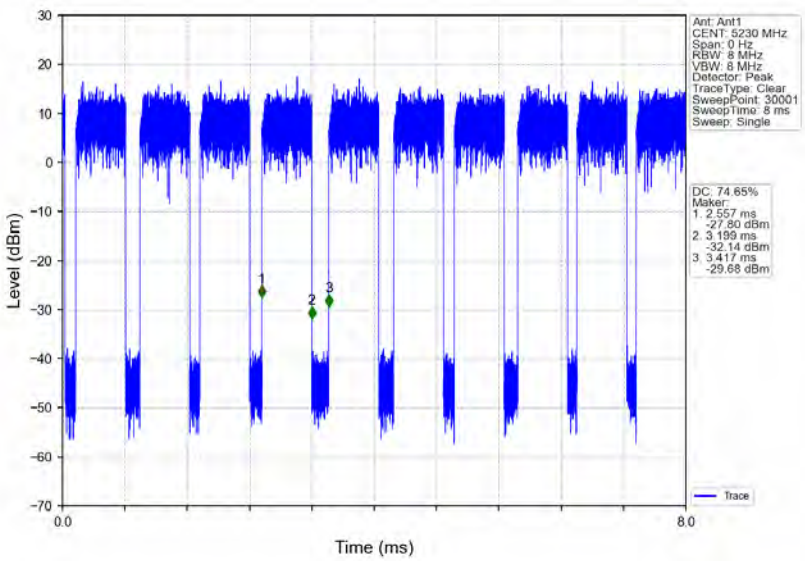
802.11ac(VHT20)_HCH_5825MHz_Ant1_NTNV



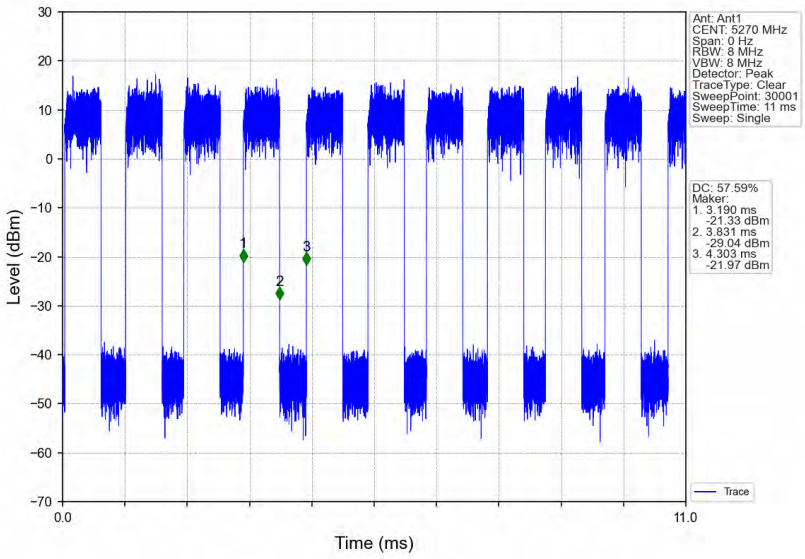
802.11ac(VHT40)_LCH_5190MHz_Ant1_NTNV



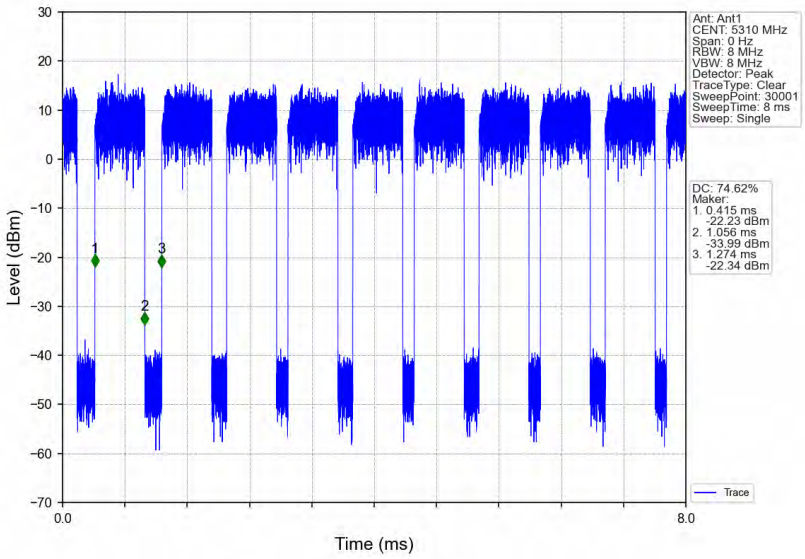
802.11ac(VHT40)_HCH_5230MHz_Ant1_NTNV



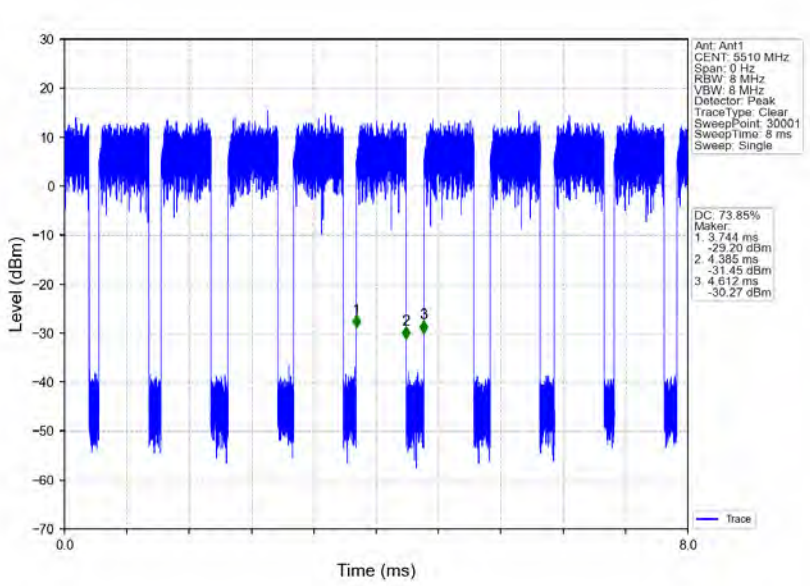
802.11ac(VHT40)_LCH_5270MHz_Ant1_NTNV



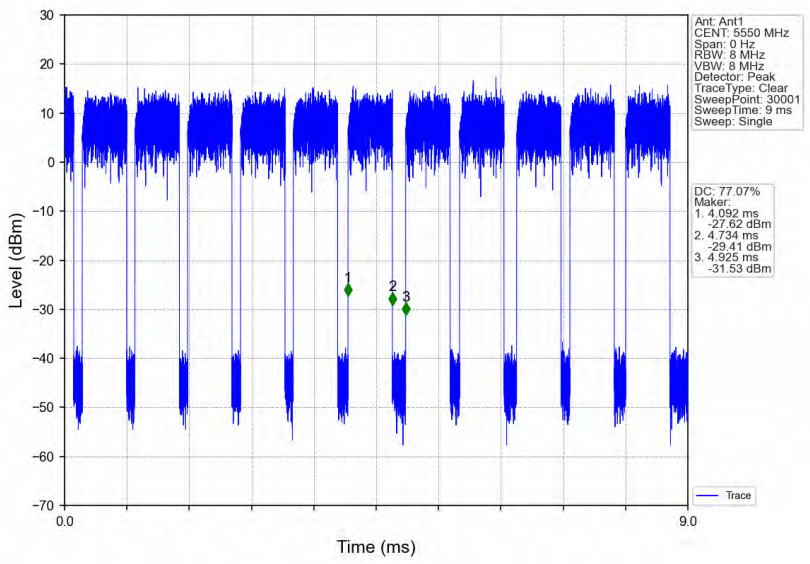
802.11ac(VHT40)_HCH_5310MHz_Ant1_NTNV



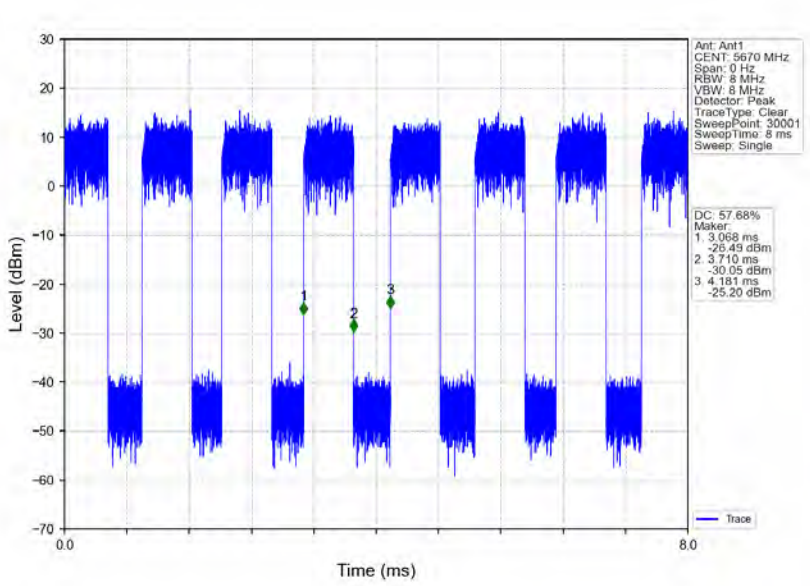
802.11ac(VHT40)_LCH_5510MHz_Ant1_NTNV



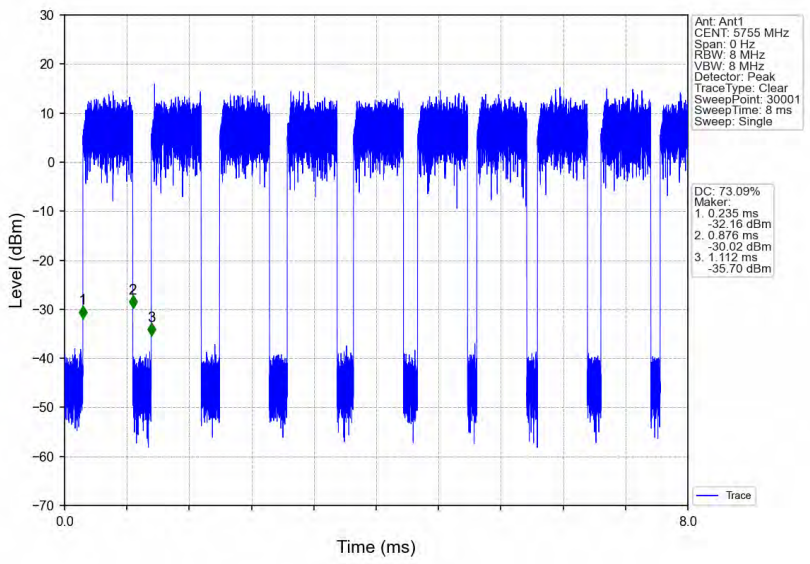
802.11ac(VHT40)_MCH_5550MHz_Ant1_NTNV



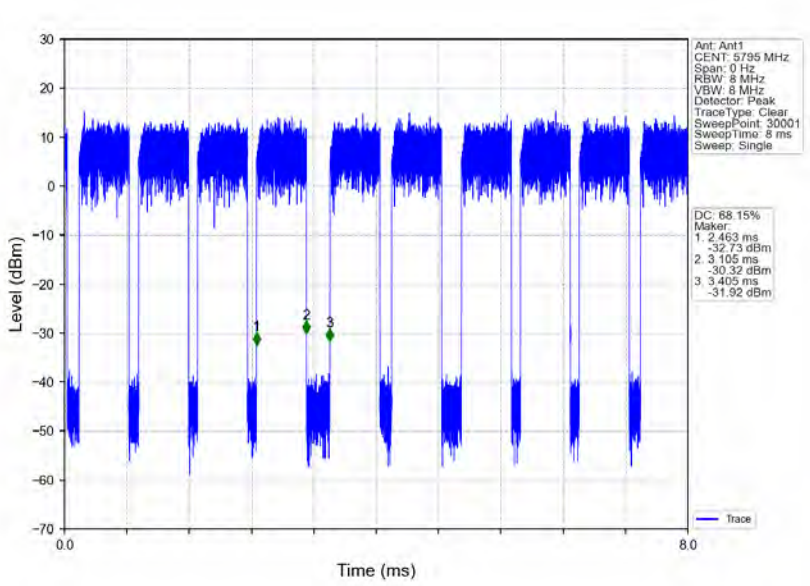
802.11ac(VHT40)_HCH_5670MHz_Ant1_NTNV



802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



802.11ac(VHT40)_HCH_5795MHz_Ant1_NTNV



802.11ax(HEW20)_LCH_5180MHz_RU242_Left_Ant1_NTNV