

# TEST REPORT

**Application No.:** SHEM2003001808CR  
**FCC ID:** 2AVYF-M1  
**IC:** 25954-M1  
**Applicant:** Hangzhou Huacheng Network Technology Co.,Ltd.  
**Address of Applicant:** No.2930, Nanhuan Road, Binjiang District, Hangzhou, China.  
**Manufacturer:** Hangzhou Huacheng Network Technology Co.,Ltd.  
**Address of Manufacturer:** No.2930, Nanhuan Road, Binjiang District, Hangzhou, China.  
**Equipment Under Test (EUT):**  
**EUT Name:** Smart Home Center  
**Model No.:** M1, L1, M1S, L1S  
 ☐ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.  
**Standard(s) :** 47 CFR Part 15, Subpart E 15.407  
 RSS-247 Issue 2, February 2017  
 RSS-Gen Issue 5, March 2019 Amendment 1  
**Date of Receipt:** 2020-03-19  
**Date of Test:** 2020-03-23 to 2020-04-10  
**Date of Issue:** 2020-05-12

<b>Test Result:</b>	<b>Pass*</b>
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\* In the configuration tested, the EUT complied with the standards specified above.

*Parlam Zhan*

Parlam Zhan  
E&E Section Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.



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**Note:**

For FCC Mode No: M1, L1, M1S, L1S

For IC Mode No:M1



Revision Record			
Version	Description	Date	Remark
00	Original	2020-05-12	/

<b>Authorized for issue by:</b>			
		<i>Michael Niu</i>	
		<b>Micheal Niu / Project Engineer</b>	
		<i>Parlam zhan</i>	
		<b>Parlam Zhan / Reviewer</b>	

## 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	Pass
Transmission in the Absence of Data	47 CFR Part 15, Subpart C 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 & 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	KDB 789033 II D	Pass
26dB Emission bandwidth	47 CFR Part 15, Subpart C 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 C 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 C 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 C 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 & 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 C 15.407 (g)	RSS-Gen Section 8.11	ANSI C63.10 (2013) Section 6.8& RSS-Gen Section 6.11	Note1

Note1: Frequency stability requested in RSS GEN S8.11 has been complied since the result of band edge can demonstrate.

### Declaration of EUT Family Grouping:

Note2: There are series models mentioned in this report, and they are the identical in electrical and electronic characters. Only the model M1 was tested since their differences were the model number, trade name and appearance.



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## 4 General Information

### 4.1 Details of E.U.T.

Power supply: DC 12V by Adapter  
 Adapter1:  
 Model: ADS-26FSG-12 12024EPCU  
 INPUT: 100~240V 50/60Hz  
 OUTPUT: DC 12V/2.0A  
 Adapter2:  
 Model: ESUA+24120-2000  
 INPUT: 100~240V 50/60Hz  
 OUTPUT: DC 12V/2.0A  
 Test voltage: AC 120V/60Hz  
 Serial Number: 6D01EC0PAG00001  
 Firmware Version: 1.000.0000002.5

Operation Frequency:	Band	Mode	Frequency Range(MHz)	Number of channels
	Band 1	802.11a/n(HT20)/ac(HT20)	5180-5240	4
		802.11n(HT40)/ac(HT40)	5190-5230	2
		802.11ac(HT80)	5210	1
	Band 4	802.11a/n(HT20)/ac(HT20)	5745-5825	5
		802.11n(HT40)/ac(HT40)	5755-5795	2
		802.11ac(HT80)	5775	1
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11n: OFDM (BPSK, QPSK, 16QAM, 64QAM) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM)			
Channel Spacing:	802.11a/n(HT20)/ac(HT20): 20MHz 802.11n(HT40)/ac(HT40): 40MHz 802.11ac(HT80): 80MHz			
Data Rate:	802.11a: 6/9/12/18/24/36/48/54Mbps 802.11n: MCS0-7 802.11ac: MCS0-9			
Antenna Gain:	Antenna 1: 4.01dBi; Antenna 2: 3.26dBi MIMO: 6.65dBi			
Antenna Type:	Antenna 1: Dipole Antenna Antenna 2: Dipole Antenna			

### 4.2 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Laptop	Lenovo	ThinkPad X100e	/

### 4.3 Power level setting using in test:

Channel	802.11a	802.11n(HT20)	802.11ac(VHT20)
36	48	48	48
40	48	48	48
48	48	48	48
149	48	48	48
157	48	48	48
165	48	48	48
Channel	802.11n(HT40)	802.11ac(VHT40)	
38	50	50	
46	50	50	
151	50	50	
159	50	50	
Channel	802.11ac(VHT80)		
42	50		
155	50		

### 4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	$\pm 8.4 \times 10^{-8}$
2	Timeout	$\pm 2s$
3	Duty cycle	$\pm 0.37\%$
4	Occupied Bandwidth	$\pm 3\%$
5	RF conducted power	$\pm 0.6dB$
6	RF power density	$\pm 2.84dB$
7	Conducted Spurious emissions	$\pm 0.75dB$
8	RF Radiated power	$\pm 4.6dB$ (Below 1GHz)
		$\pm 4.1dB$ (Above 1GHz)
9	Radiated Spurious emission test	$\pm 4.2dB$ (Below 30MHz)
		$\pm 4.4dB$ (30MHz-1GHz)
		$\pm 4.8dB$ (1GHz-18GHz)
		$\pm 5.2dB$ (Above 18GHz)
10	Temperature test	$\pm 1^{\circ}C$
11	Humidity test	$\pm 3\%$
12	Supply voltages	$\pm 1.5\%$
13	Time	$\pm 3\%$

Note: The measurement uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

#### 4.5 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch  
588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China  
Tel: +86 21 6191 5666 Fax: +86 21 6191 5678

No tests were sub-contracted.

#### 4.6 Test Facility

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

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2017 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

- **NVLAP (LAB CODE: 201034-0)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP).

- **FCC (Designation Number: CN5033)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been recognized as an accredited testing laboratory.

- **ISED (CAB Identifier: CN0020)**

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. EMC Laboratory has been recognized by Innovation, Science and Economic Development Canada (ISED) as an accredited testing laboratory.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-13868, C-14336, T-12221, G-10830 respectively.

#### 4.7 Deviation from Standards

None

#### 4.8 Abnormalities from Standard Conditions

None



## 5 Equipment List

Equipment	Manufacturer	Model No	Inventory No	Cal Date	Cal Due Date
<b>Conducted Emission at Mains Terminals (150kHz-30MHz)</b>					
EMI test receiver	R&S	ESR7	SHEM162-1	2019-12-20	2020-12-19
LISN	Schwarzbeck	NSLK8127	SHEM061-1	2019-12-20	2020-12-19
LISN	EMCO	3816/2	SHEM019-1	2019-12-20	2020-12-19
Pulse limiter	R&S	ESH3-Z2	SHEM029-1	2019-12-20	2020-12-19
Shielding Room	ZHONGYU	8*4*3M	SHEM079-2	2019-12-20	2020-12-19
CE test Cable	/	CE01	/	2019-12-20	2020-12-19
<b>RF Conducted Test</b>					
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2019-12-20	2020-12-19
Spectrum Analyzer	Agilent	N9020A	SHEM181-1	2019-08-13	2020-08-12
Signal Generator	R&S	SMR20	SHEM006-1	2019-08-13	2020-08-12
Signal Generator	Agilent	N5182A	SHEM182-1	2019-08-13	2020-08-12
Communication Tester	R&S	CMW270	SHEM183-1	2019-08-13	2020-08-12
Switcher	Tonscend	JS0806	SHEM184-1	2019-08-13	2020-08-12
Power Sensor	Keysight	U2021XA * 4	SHEM184-1	2019-08-13	2020-08-12
Splitter	Anritsu	MA1612A	SHEM185-1	/	/
Coupler	e-meca	803-S-1	SHEM186-1	/	/
High-low Temp Cabinet	Suzhou Zhihe	TL-40	SHEM087-1	2017-09-25	2020-09-24
AC Power Stabilizer	APC	KDF-31020T-V0-F0	SHEM216-1	2019-12-20	2020-12-19
DC Power Supply	MCH	MCH-303A	SHEM210-1	2019-12-20	2020-12-19
Conducted test Cable	/	RF01-RF04	/	2019-12-20	2020-12-19
<b>RF Radiated Test</b>					
EMI test Receiver	R&S	ESU40	SHEM051-1	2019-12-20	2020-12-19
Spectrum Analyzer	R&S	FSP-30	SHEM002-1	2019-12-20	2020-12-19
Loop Antenna (9kHz-30MHz)	Schwarzbeck	FMZB1519	SHEM135-1	2019-12-20	2020-12-19
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM048-1	2019-10-14	2021-10-13
Antenna (25MHz-2GHz)	Schwarzbeck	VULB9168	SHEM202-1	2019-04-30	2021-04-29
Horn Antenna (1-18GHz)	Schwarzbeck	HF906	SHEM009-1	2017-10-24	2020-10-23
Horn Antenna (1-18GHz)	Schwarzbeck	BBHA9120D	SHEM050-1	2019-10-14	2021-10-13
Horn Antenna (14-40GHz)	Schwarzbeck	BBHA 9170	SHEM049-1	2017-10-31	2020-10-30
Pre-amplifier (9kHz-2GHz)	CLAVIIO	BDLNA-0001	SHEM164-1	2019-08-13	2020-08-12
Pre-amplifier (1-18GHz)	CLAVIIO	BDLNA-0118	SHEM050-2	2019-08-13	2020-08-12
High-amplifier (14-40GHz)	Schwarzbeck	10001	SHEM049-2	2018-12-20	2019-12-19
Signal Generator	R&S	SMR40	SHEM058-1	2019-08-13	2020-08-12
Band Filter	LORCH	9BRX-875/X150	SHEM156-1	/	/
Band Filter	LORCH	13BRX-1950/X500	SHEM083-2	/	/
Band Filter	LORCH	5BRX-2400/X200	SHEM155-1	/	/
Band Filter	LORCH	5BRX-5500/X1000	SHEM157-2	/	/
High pass Filter	Wainwright	WHK3.0/18G	SHEM157-1	/	/
High pass Filter	Wainwright	WHKS1700	SHEM157-3	/	/
Semi/Fully Anechoic	ST	11*6*6M	SHEM078-2	2017-07-22	2020-07-21
RE test Cable	/	RE01, RE02, RE06	/	2019-12-20	2020-12-19



## 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 1 is dipole antenna, antenna 2 is dipole antenna, and all on the main PCB and no consideration of replacement. The best case gain of the antenna is Antenna 1: 4.01dBi; Antenna 2: 3.26dBi

Antenna location: Refer to Appendix(External photo)



## **6.2 Transmission in the Absence of Data**

### **6.2.1 Test Requirement:**

47 CFR Part 15, Subpart C 15.407 (c)

### **6.2.2 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 module (RTL8822CU) 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 & 15.407 b(6)  
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: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1020 mbar

Pretest these mode to find the worst case:

e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.(Adapter 1)

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (Adapter 1)

g:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (Adapter 2)

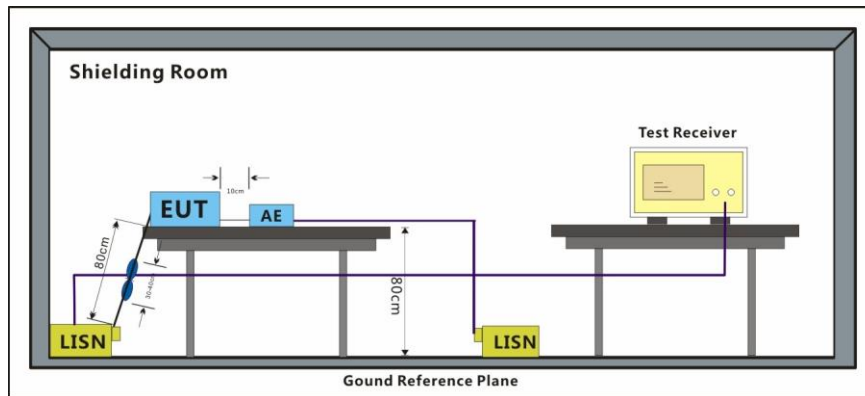
h:TX mode (Band 4)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (Adapter 2)

The worst e:TX mode (Band 1)\_Keep the EUT in continuously transmitting mode with all

case for final test:

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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (Adapter 1)

### 7.1.2 Test Setup Diagram

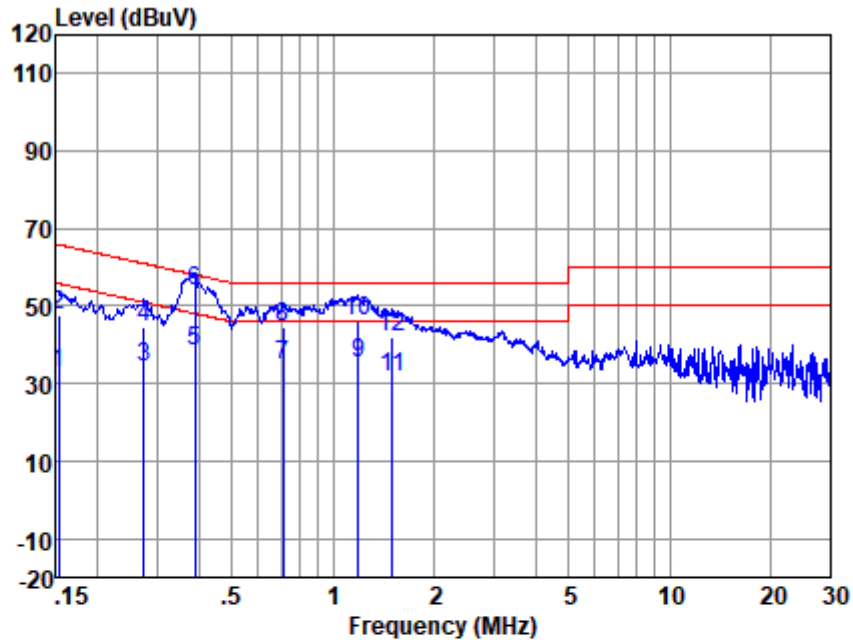


### 7.1.3 Measurement Procedure and Data

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

Mode:e; Line:Live Line

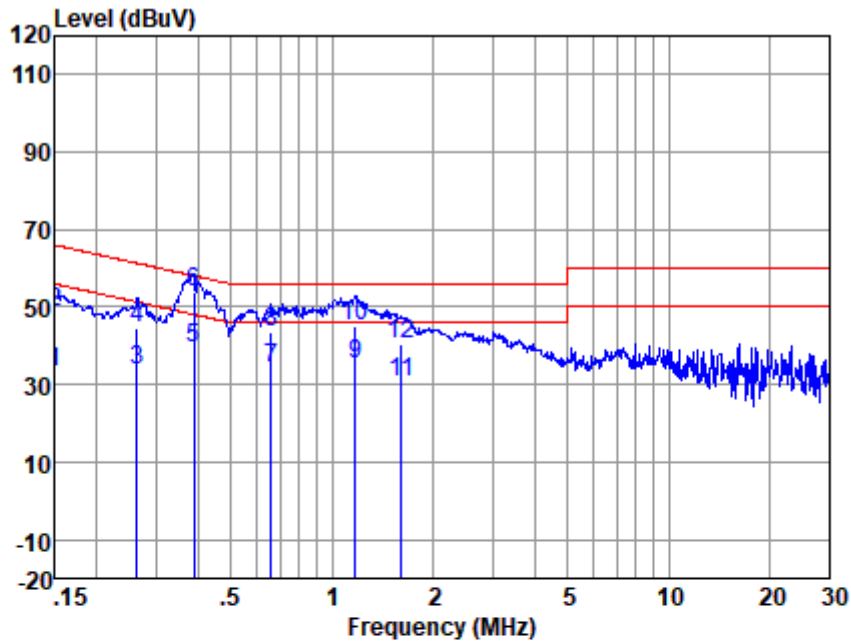


**LISN : LINE**

	Freq (MHz)	Read level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Emission Level (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1	0.15	22.63	0.09	9.97	32.69	55.87	-23.18	Average
2	0.15	37.55	0.09	9.97	47.61	65.87	-18.26	QP
3	0.27	24.29	0.07	10.02	34.38	50.98	-16.60	Average
4	0.27	34.55	0.07	10.02	44.64	60.98	-16.34	QP
5	0.39	28.32	0.08	10.04	38.44	48.12	-9.68	Average
6	0.39	43.68	0.08	10.04	53.80	58.12	-4.32	QP
7	0.71	24.38	0.09	10.08	34.55	46.00	-11.45	Average
8	0.71	34.44	0.09	10.08	44.61	56.00	-11.39	QP
9	1.18	24.92	0.10	10.11	35.13	46.00	-10.87	Average
10	1.18	36.00	0.10	10.11	46.21	56.00	-9.79	QP
11	1.50	21.47	0.12	10.13	31.72	46.00	-14.28	Average
12	1.50	31.71	0.12	10.13	41.96	56.00	-14.04	QP

Notes: Emission Level = Read Level + LISN Factor + Cable loss

Mode:e; Line:Neutral Line



**LISN : NEUTRAL**

	Freq (MHz)	Read level (dBuV)	LISN Factor (dB)	Cable Loss (dB)	Emission Level (dBuV)	Limit (dBuV)	Over Limit (dB)	Remark
1	0.15	22.97	0.07	9.97	33.01	56.00	-22.99	Average
2	0.15	38.52	0.07	9.97	48.56	66.00	-17.44	QP
3	0.26	23.58	0.06	10.01	33.65	51.34	-17.69	Average
4	0.26	34.25	0.06	10.01	44.32	61.34	-17.02	QP
5	0.39	29.54	0.06	10.04	39.64	48.12	-8.48	Average
6	0.39	43.54	0.06	10.04	53.64	58.12	-4.48	QP
7	0.66	24.27	0.07	10.07	34.41	46.00	-11.59	Average
8	0.66	33.40	0.07	10.07	43.54	56.00	-12.46	QP
9	1.17	24.83	0.08	10.11	35.02	46.00	-10.98	Average
10	1.17	35.05	0.08	10.11	45.24	56.00	-10.76	QP
11	1.61	20.65	0.09	10.13	30.87	46.00	-15.13	Average
12	1.61	30.41	0.09	10.13	40.63	56.00	-15.37	QP

Notes: Emission Level = Read Level + LISN Factor + Cable loss



**7.2 99% Bandwidth**

Test Requirement RSS-Gen Section 6.7  
Test Method: KDB 789033 II D

**7.2.1 E.U.T. Operation**

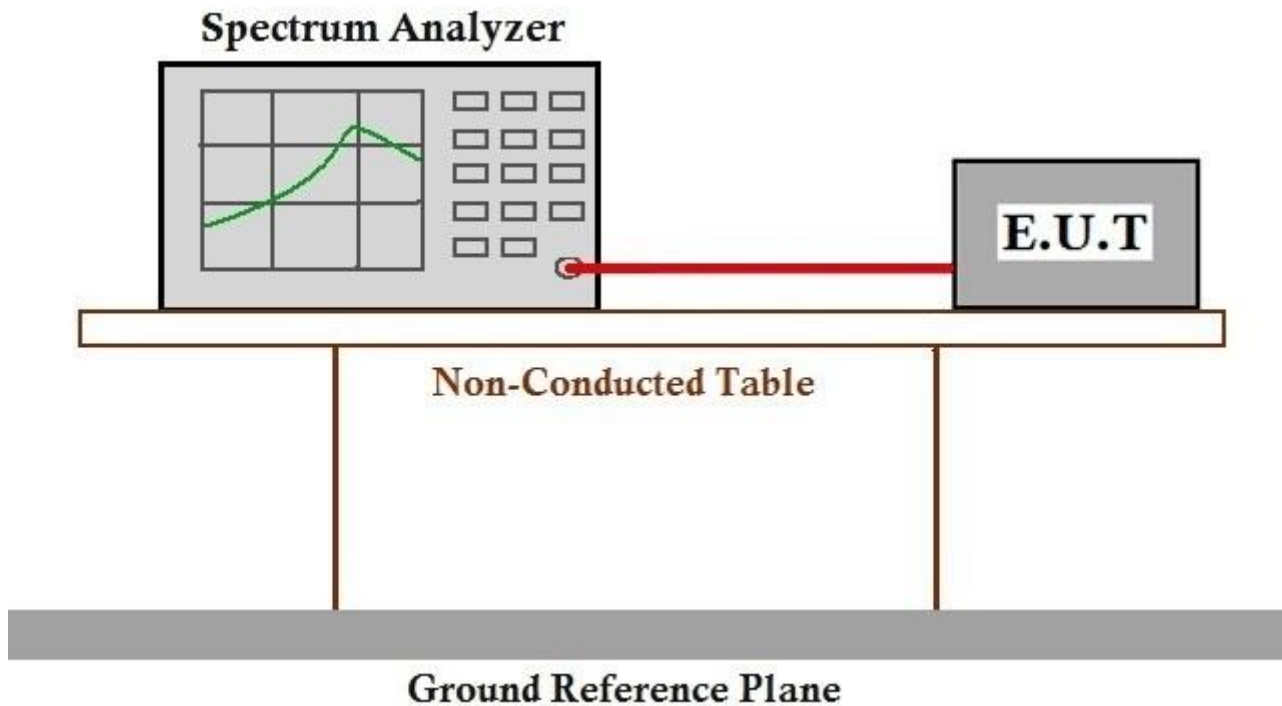
Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

**7.2.2 Test Setup Diagram**



**7.2.3 Measurement Procedure and Data**

The detailed test data see: Appendix D for SHEM200300180804



### 7.3 26dB Emission bandwidth

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

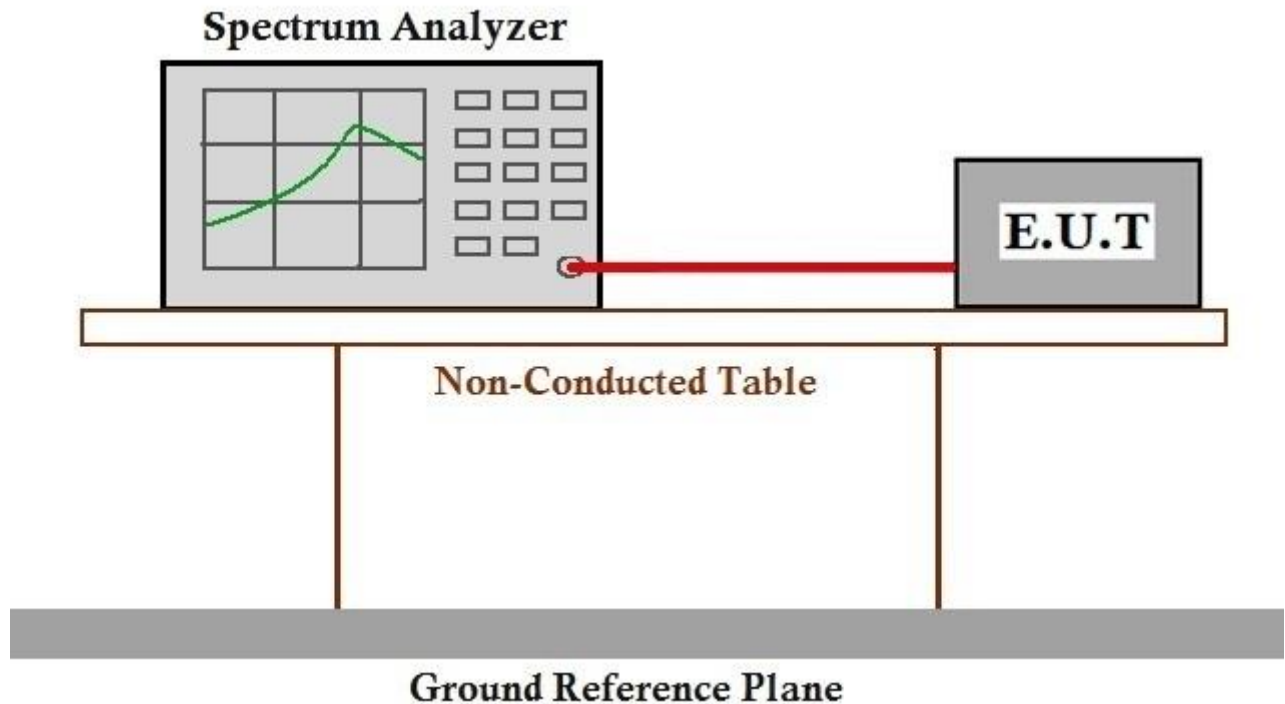
#### 7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

#### 7.3.2 Test Setup Diagram



#### 7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix D for SHEM200300180804

**7.4 Minimum 6 dB bandwidth (5.725-5.85 GHz band )**

Test Requirement 47 CFR Part 15, Subpart C 15.407 (e)  
Test Method: KDB 789033 D02 II C 2  
Limit:  $\geq 500$  kHz

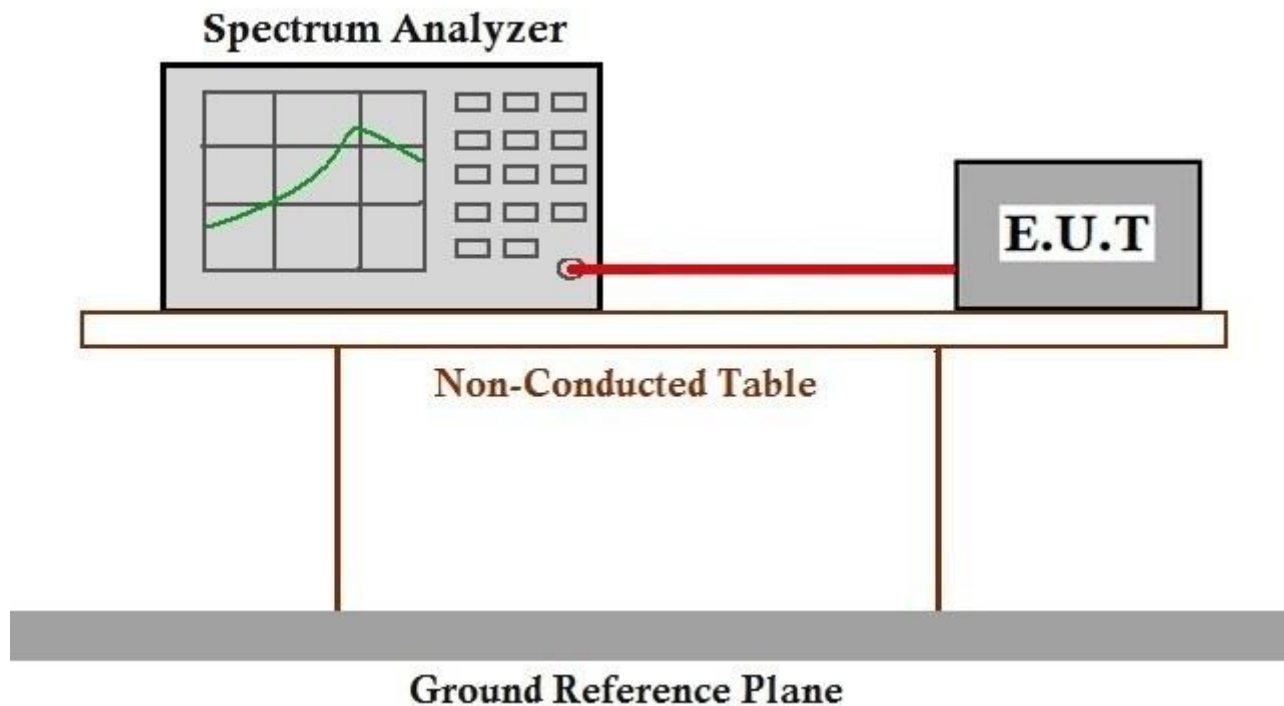
**7.4.1 E.U.T. Operation**

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

**7.4.2 Test Setup Diagram**



**7.4.3 Measurement Procedure and Data**

The detailed test data see: Appendix D for SHEM200300180804

### 7.5 Maximum Conducted output power

Test Requirement: 47 CFR Part 15, Subpart C 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) for client device or 11dBm+10logB*
5470-5725	≤250mW(24dBm) for client device or 11dBm+10logB*
5725-5850	≤1W(30dBm)
Remark:	<p>* Where B is the 26dB emission bandwidth in MHz.</p> <p>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage.</p> <p>For MIMO function, two antennas are correlated, the directly gain is 6.65dBi. So the limit for 5150-5250MHz is 23.35 dBm for client device. The limit for 5725-5850MHz is 29.35dBm.</p> <p>For IC 5150MHz to 5250MHz limit is EIRP ≤200mW(23dBm) Note:22.35dBm for MIMO function</p> <p>For IC 5725MHz to 5850MHz limit is EIRP ≤1W(30dBm) Note:29.35dBm for MIMO function</p>

#### 7.5.1 E.U.T. Operation

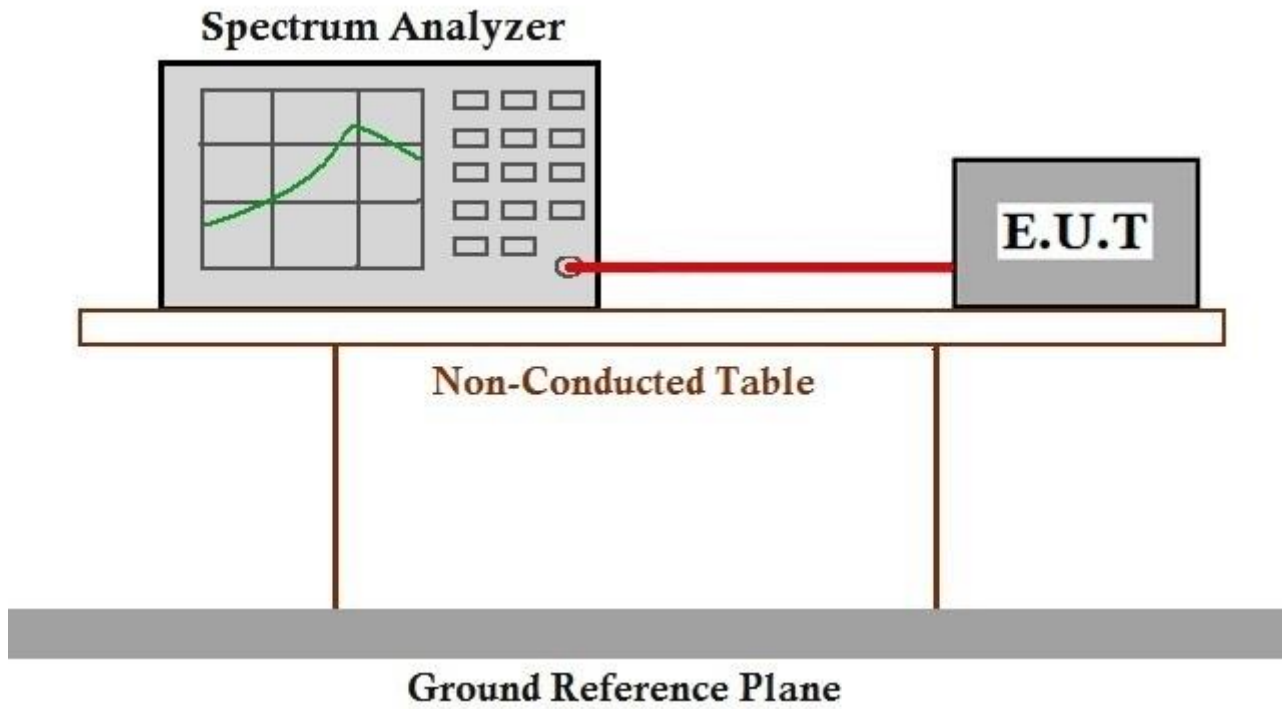
Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.5.2 Test Setup Diagram



### 7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix D for SHEM200300180804

### 7.6 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart C 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:	<p>The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.</p> <p>For MIMO function, two antennas are correlated, the directly gain is 6.65dBi. So the limit for 5150-5250MHz is 10.35dBm in 1MHz for client device.</p> <p>The limit for 5725-5850MHz is 29.35dBm in 500KHz</p> <p>For IC 5150MHz to 5250MHz limit is EIRP PSD ≤ 10dBm/MHz</p> <p>Note:9.35dBm/MHz for MIMO function</p> <p>For IC 5725MHz to 5850MHz limit is PSD ≤ 30dBm/500KHz</p> <p>Note:29.35dBm/500kHz for MIMO function</p>

#### 7.6.1 E.U.T. Operation

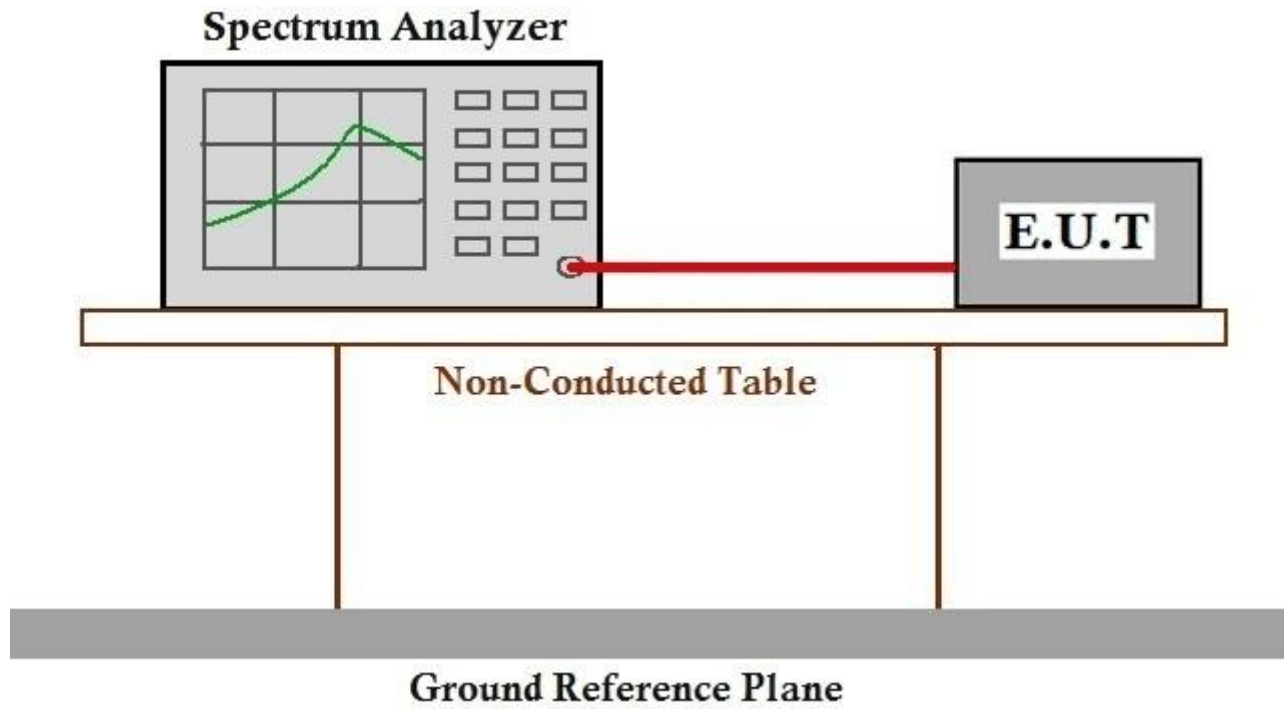
Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.6.2 Test Setup Diagram



### 7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix D for SHEM200300180804

## 7.7 Radiated Emissions

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

### 7.7.1 E.U.T. Operation

Operating Environment:

Temperature 20 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar  
:

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 1)

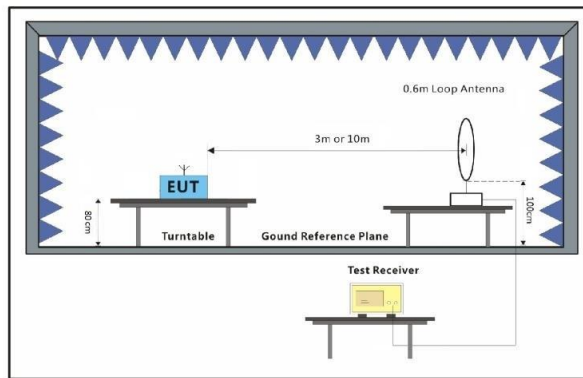
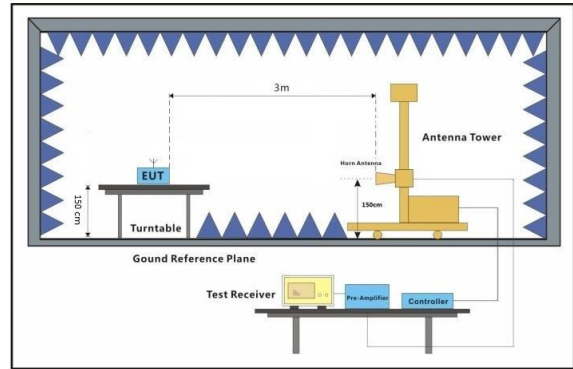
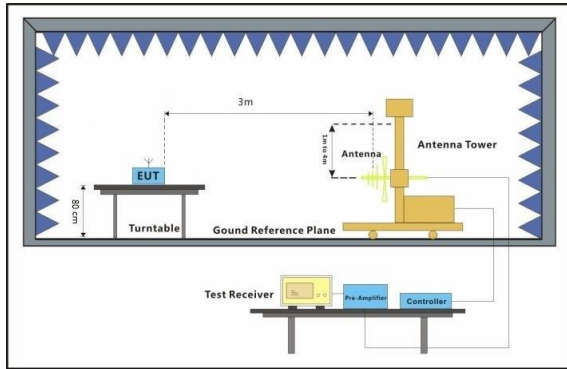
f:TX mode (Band 4)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 1)

g:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 2)

h:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 2)



### 7.7.2 Test Setup Diagram





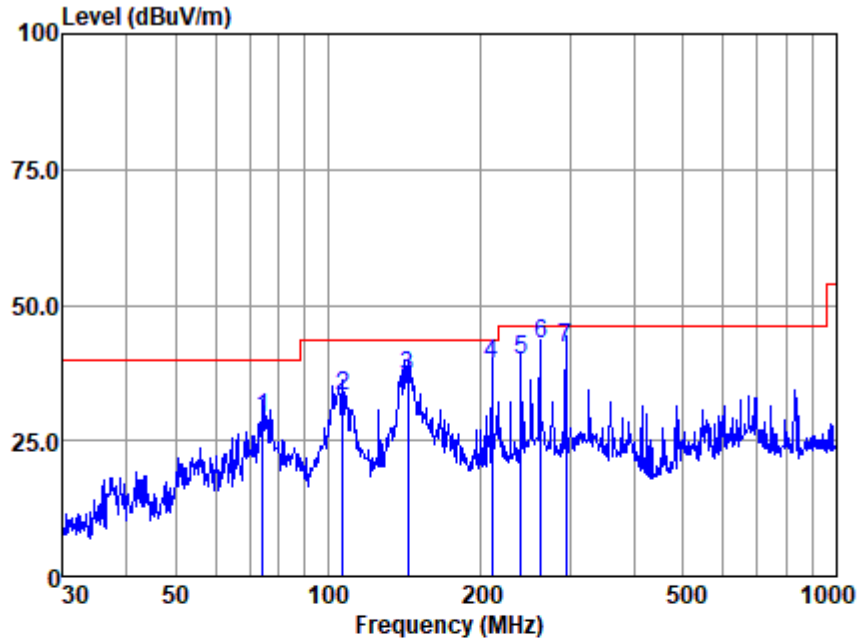
### 7.7.3 Measurement Procedure and Data

- 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
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 40GHz, the disturbance above 18GHz and 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. 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.
5. This test item was investigated while operating in SISO and MIMO mode, however, it was determined that SISO antenna 1 operation for a modulation and MIMO antenna operation for n /ac modulation produced the worst emissions. So the emissions produced from other operation are not recorded in report.
6. For frequencies below 1GHz, pre-test two adapters and only record the worst data of adapter 1 data in test report

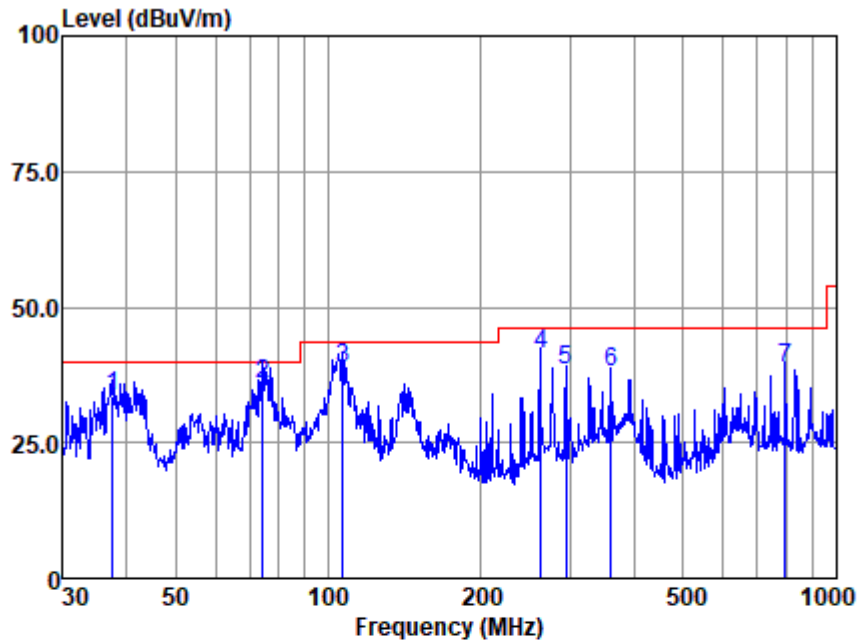
Adapter1  
Below 1GHz:



Antenna Polarity :HORIZONTAL  
EUT/Project :1807CR  
Test mode :e

	Read	Antenna	Cable	Preamp	Emission	Limit	Over	
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	74.396	59.80	10.58	1.20	42.26	29.32	40.00	-10.68 QP
2	106.759	64.36	9.65	1.38	42.31	33.08	43.50	-10.42 QP
3	143.326	64.85	12.64	1.67	42.24	36.92	43.50	-6.58 QP
4	210.048	69.51	9.78	2.04	42.16	39.17	43.50	-4.33 QP
5	239.987	69.04	10.86	2.16	42.12	39.94	46.00	-6.06 QP
6	261.975	70.33	12.18	2.25	42.11	42.65	46.00	-3.35 QP
7	294.114	68.74	13.16	2.37	42.12	42.15	46.00	-3.85 QP

Note:Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor



Antenna Polarity :VERTICAL  
EUT/Project :1807CR  
Test mode :e

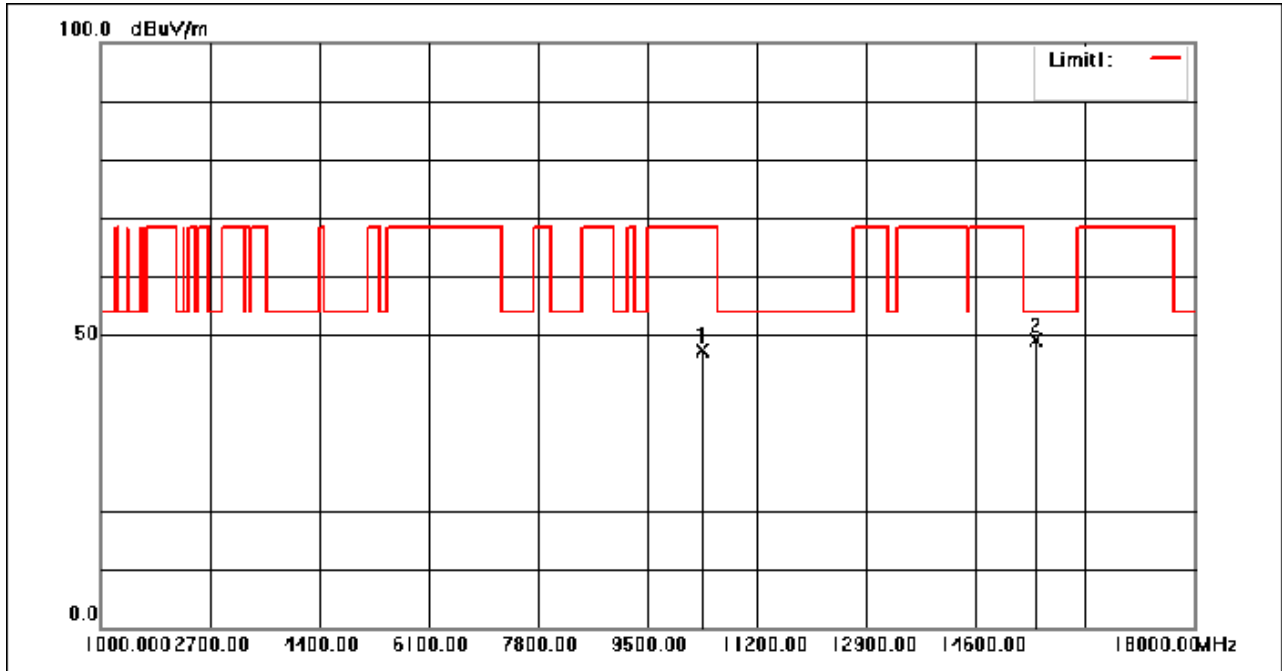
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Emission Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	37.548	62.01	12.82	0.94	42.34	33.43	40.00	-6.57	QP
2	74.396	66.43	10.58	1.20	42.26	35.95	40.00	-4.05	QP
3	106.759	69.88	9.65	1.38	42.31	38.60	43.50	-4.90	QP
4	261.975	69.11	12.18	2.25	42.11	41.43	46.00	-4.57	QP
5	294.114	64.87	13.16	2.37	42.12	38.28	46.00	-7.72	QP
6	360.448	62.67	14.59	2.57	41.94	37.89	46.00	-8.11	QP
7	793.396	54.86	22.28	3.69	41.99	38.84	46.00	-7.16	QP

Note: Emission Level=Read Level+Antenna Factor+Cable loss-Preamp Factor

Adapter1

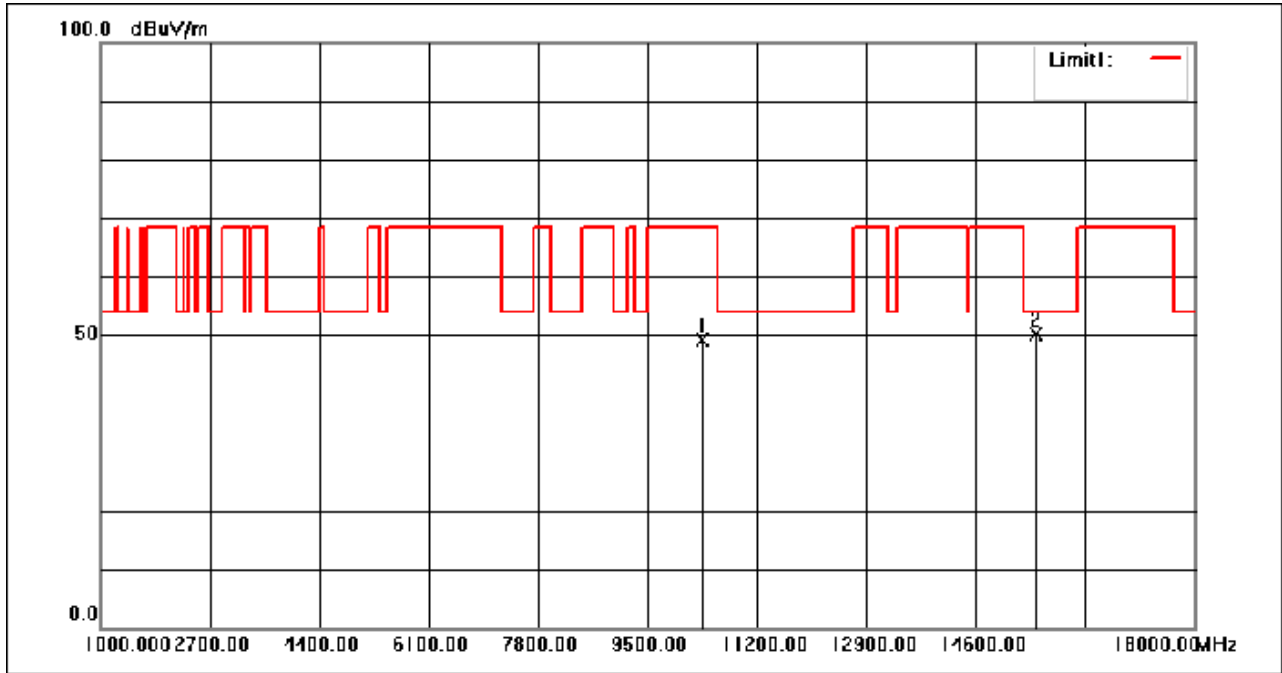
Above 1GHz:

Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



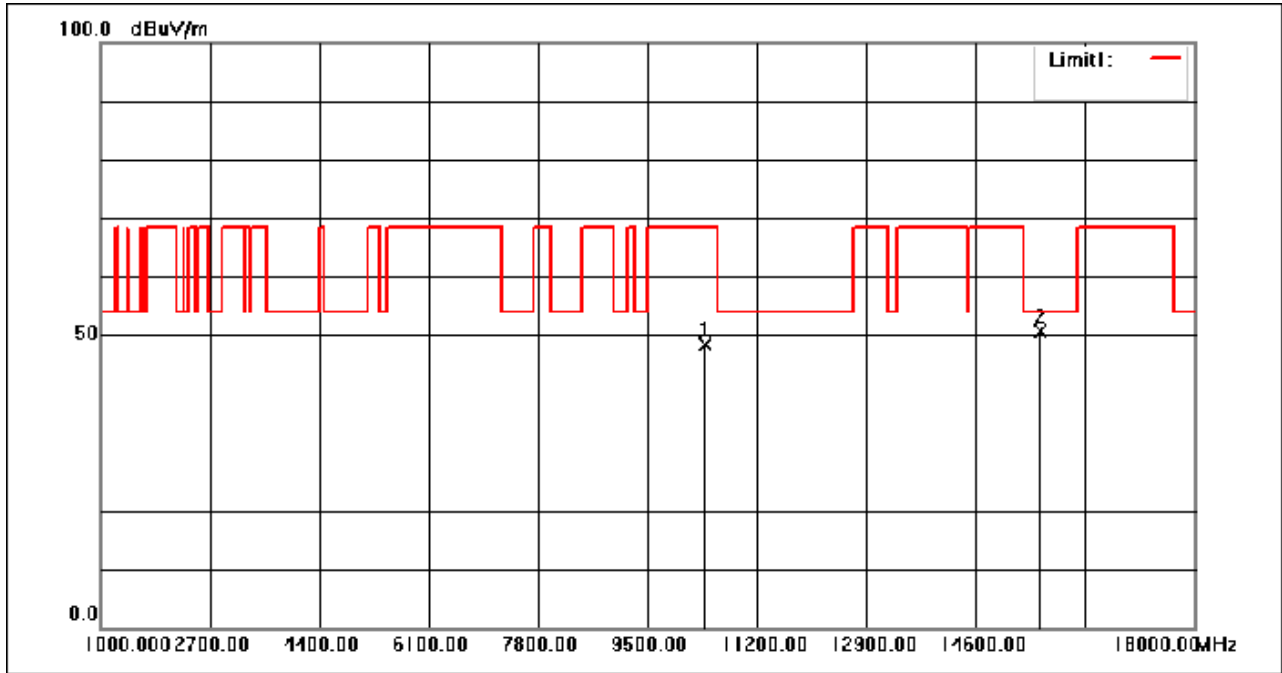
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.06	-2.59	47.47	68.30	-20.83	peak
2	15540.000	49.47	-0.30	49.17	54.00	-4.83	peak

Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



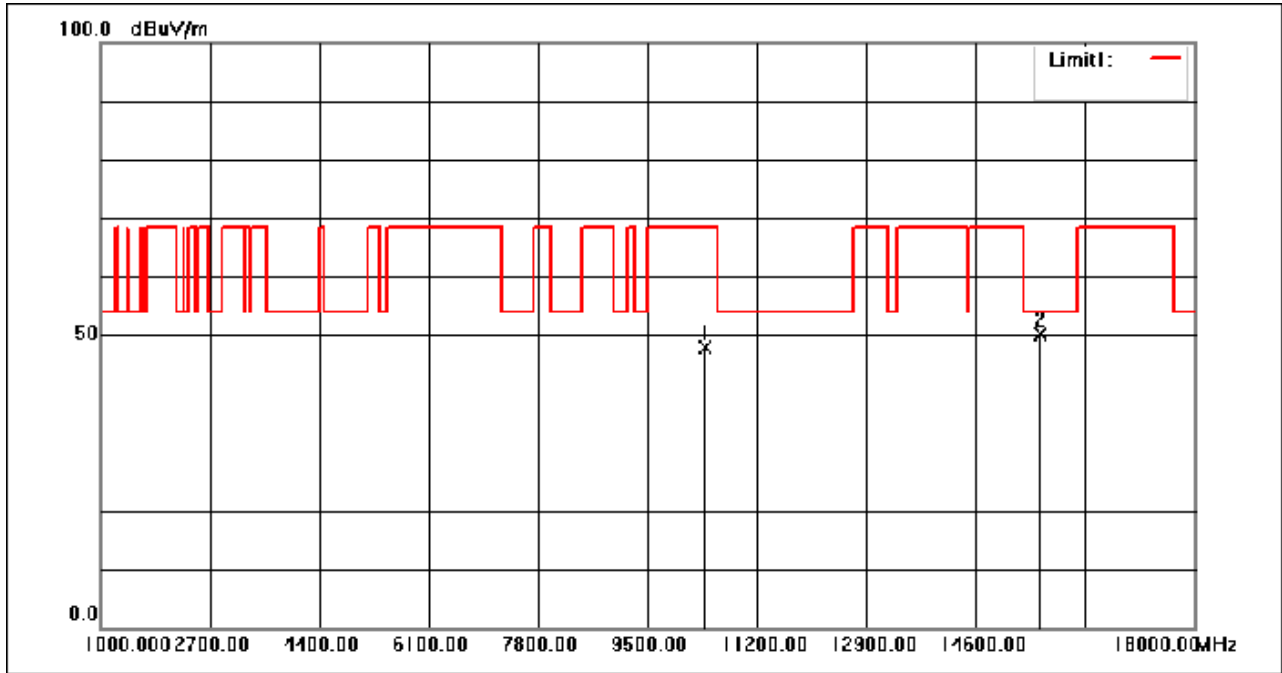
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	51.81	-2.59	49.22	68.30	-19.08	peak
2	15540.000	50.50	-0.30	50.20	54.00	-3.80	peak

Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



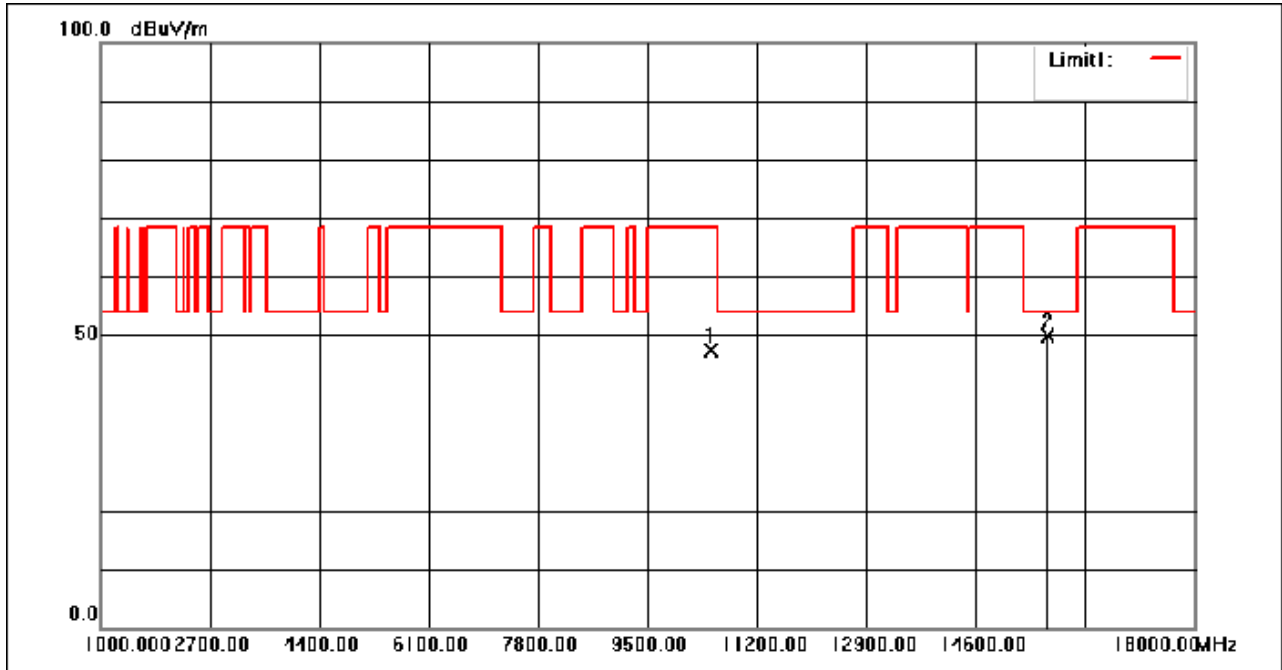
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.98	-2.53	48.45	68.30	-19.85	peak
2	15600.000	51.01	-0.35	50.66	54.00	-3.34	peak

Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.36	-2.53	47.83	68.30	-20.47	peak
2	15600.000	50.46	-0.35	50.11	54.00	-3.89	peak

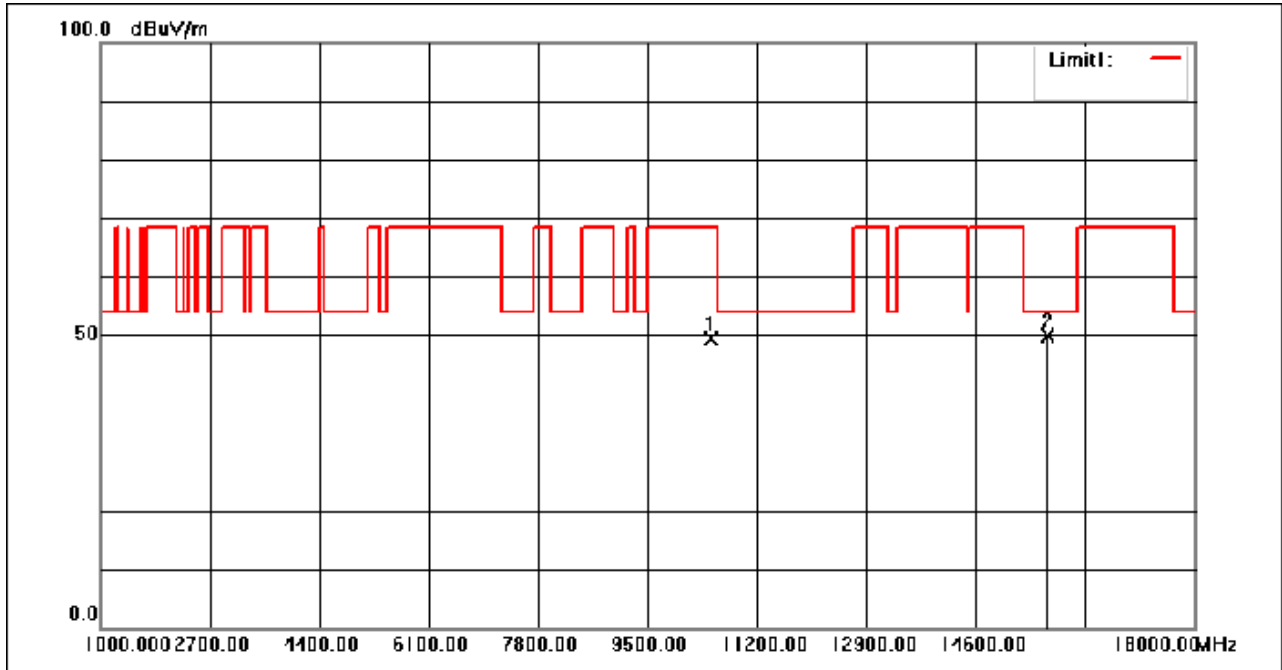
Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	49.83	-2.41	47.42	68.30	-20.88	peak
2	15720.000	50.25	-0.44	49.81	54.00	-4.19	peak

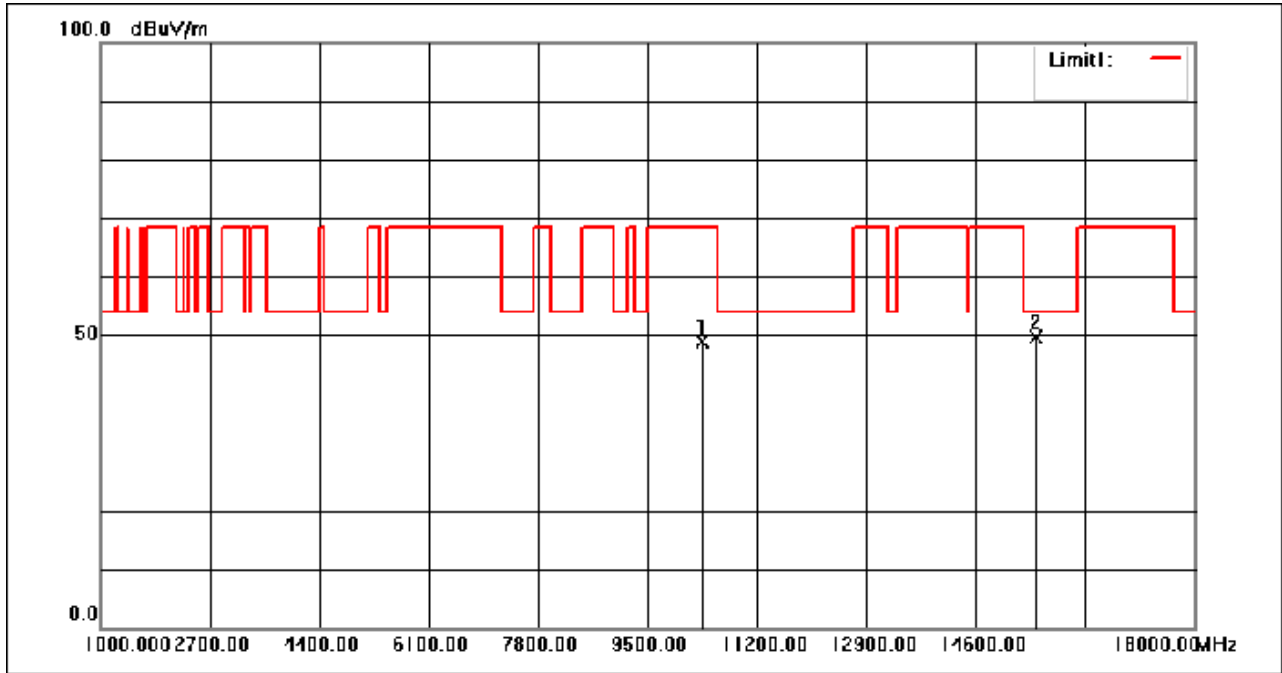


Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



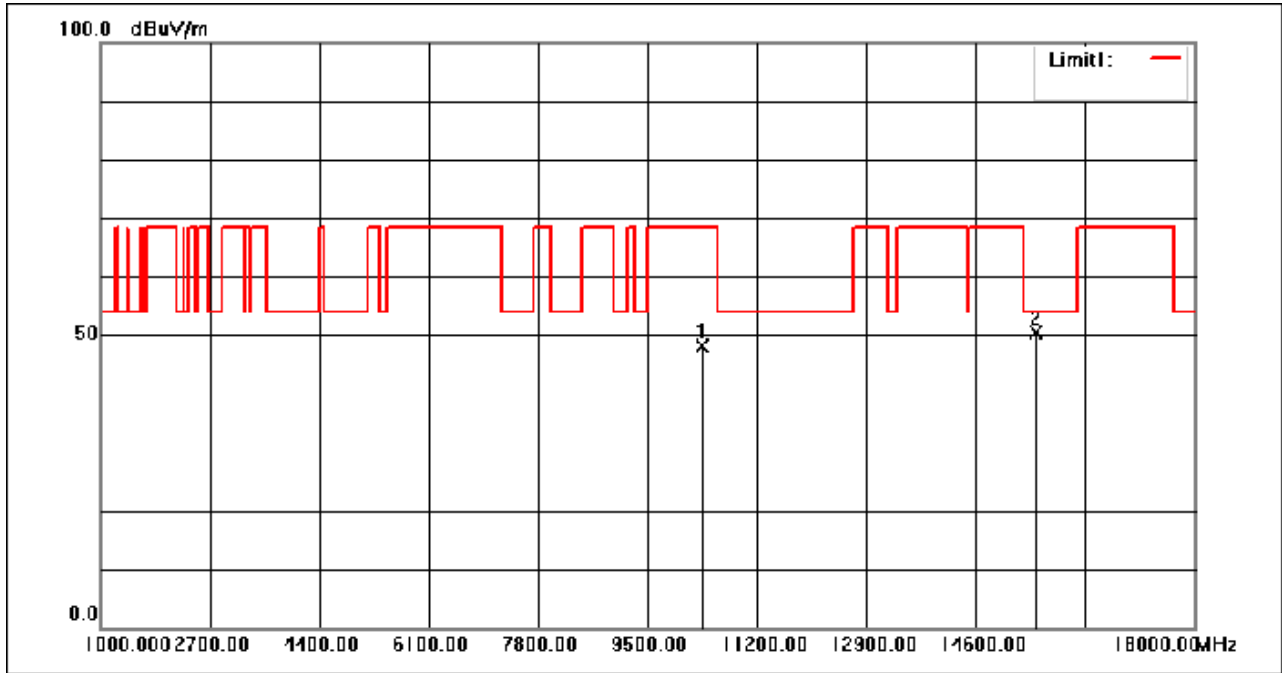
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.75	-2.41	49.34	68.30	-18.96	peak
2	15720.000	50.42	-0.44	49.98	54.00	-4.02	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



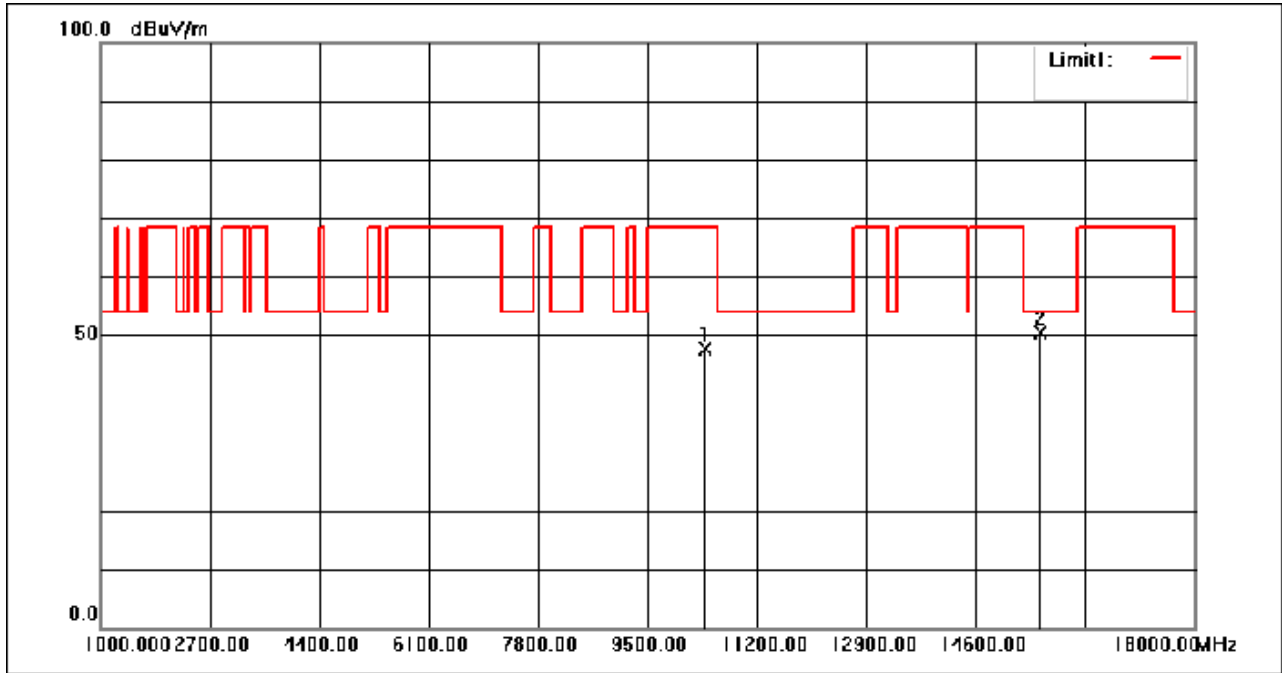
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	51.49	-2.59	48.90	68.30	-19.40	peak
2	15540.000	50.00	-0.30	49.70	54.00	-4.30	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



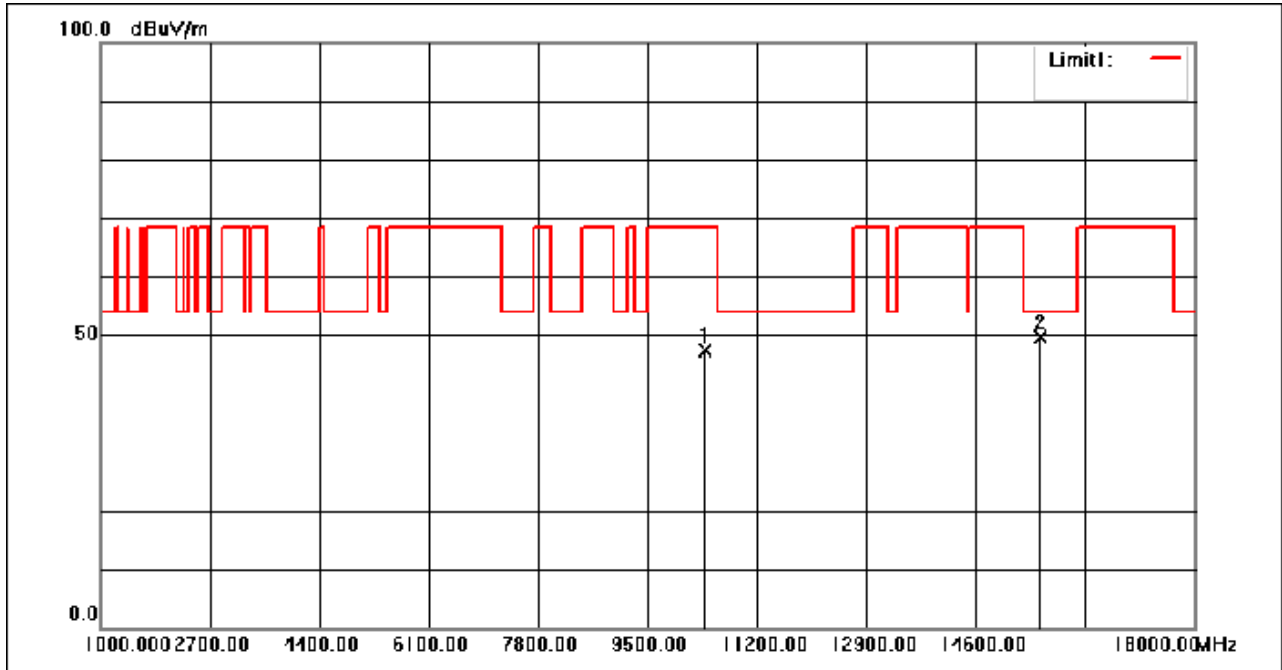
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.82	-2.59	48.23	68.30	-20.07	peak
2	15540.000	50.56	-0.30	50.26	54.00	-3.74	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



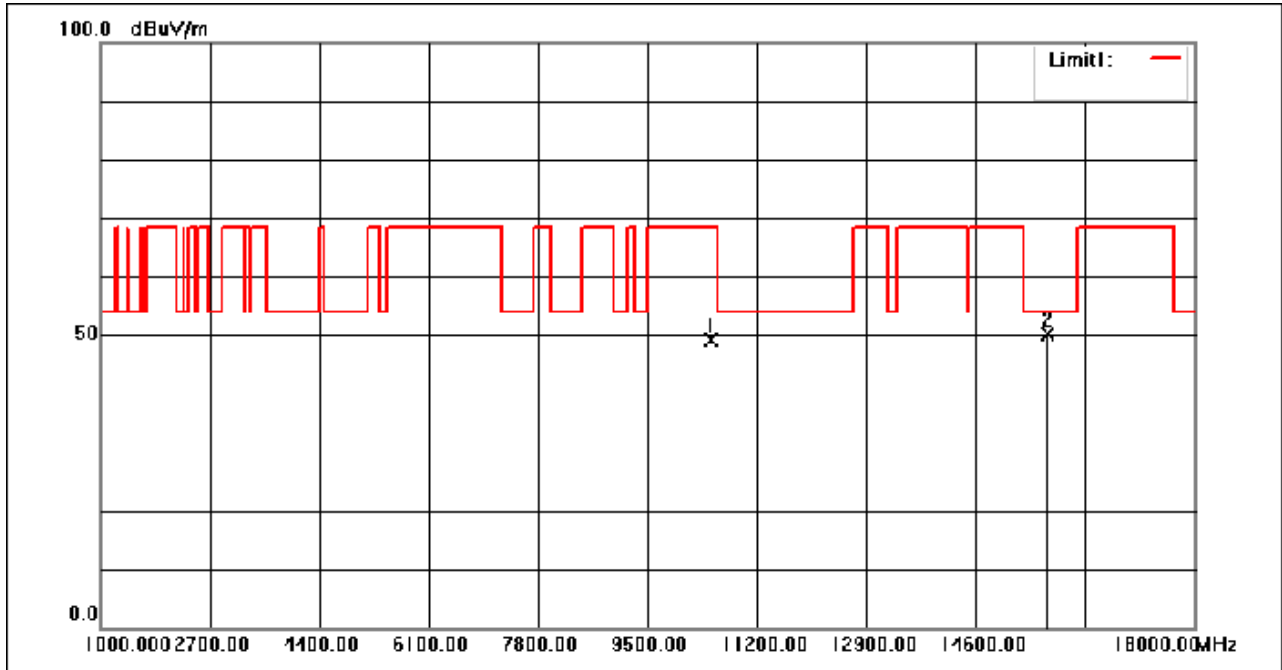
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.28	-2.53	47.75	68.30	-20.55	peak
2	15600.000	50.66	-0.35	50.31	54.00	-3.69	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



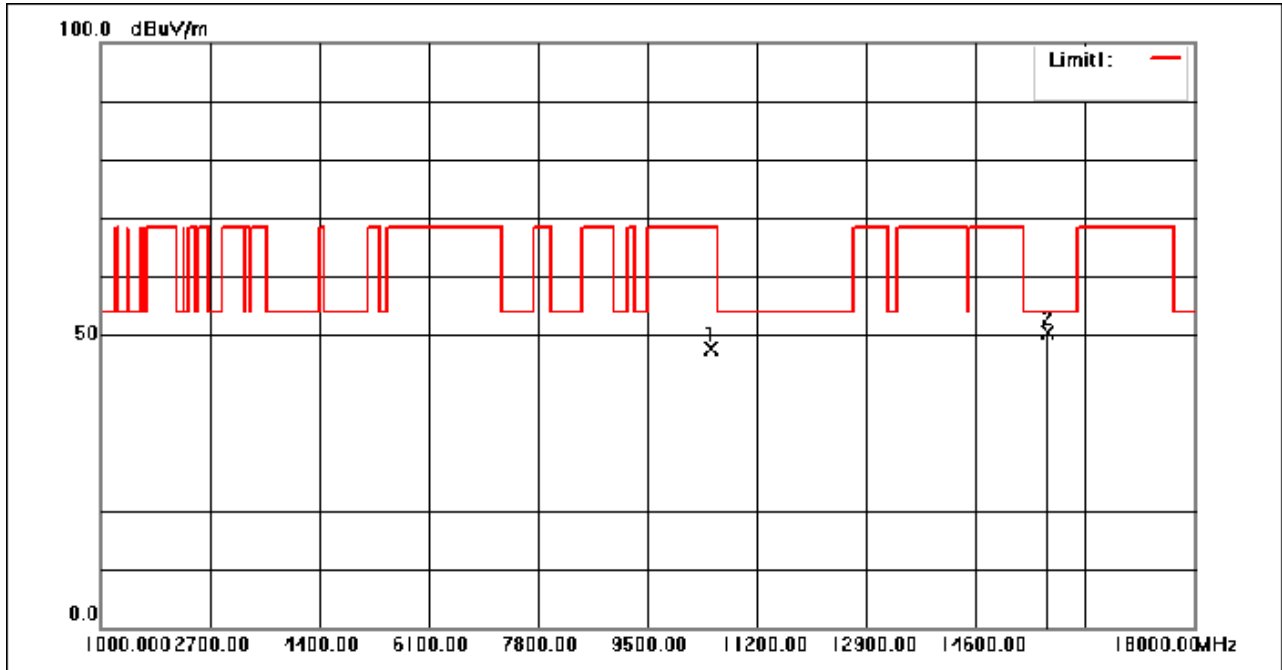
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	49.94	-2.53	47.41	68.30	-20.89	peak
2	15600.000	49.98	-0.35	49.63	54.00	-4.37	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



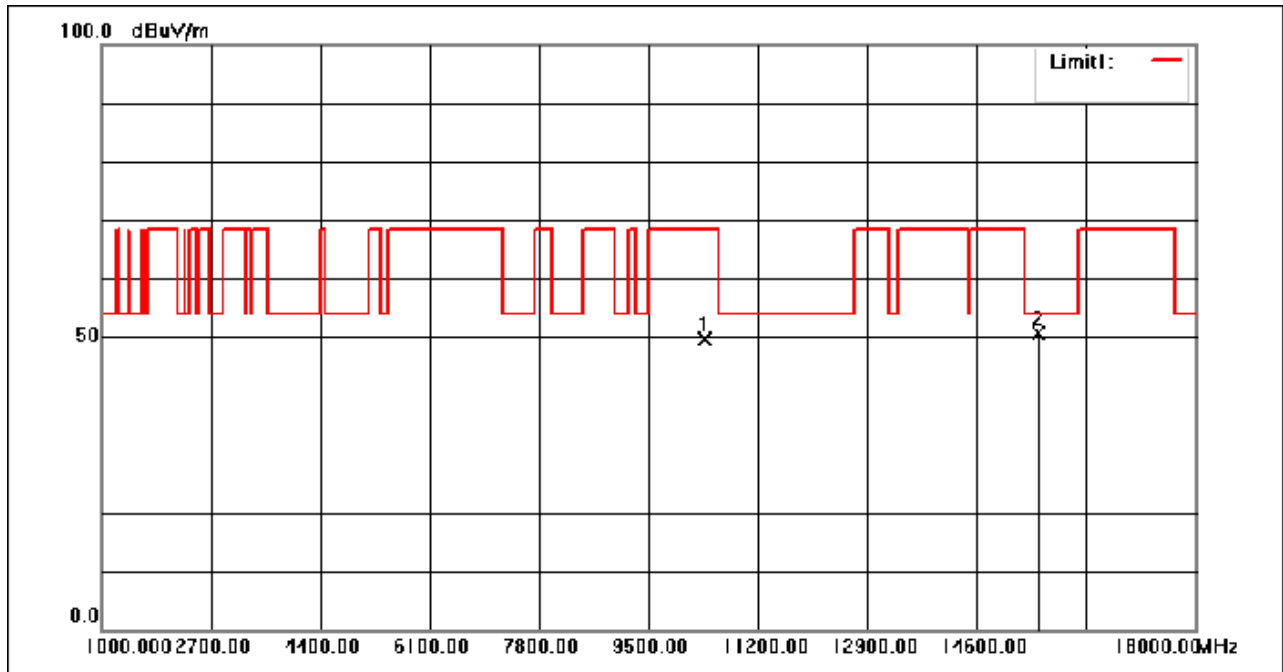
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.51	-2.41	49.10	68.30	-19.20	peak
2	15720.000	50.59	-0.44	50.15	54.00	-3.85	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.12	-2.41	47.71	68.30	-20.59	peak
2	15720.000	50.92	-0.44	50.48	54.00	-3.52	peak

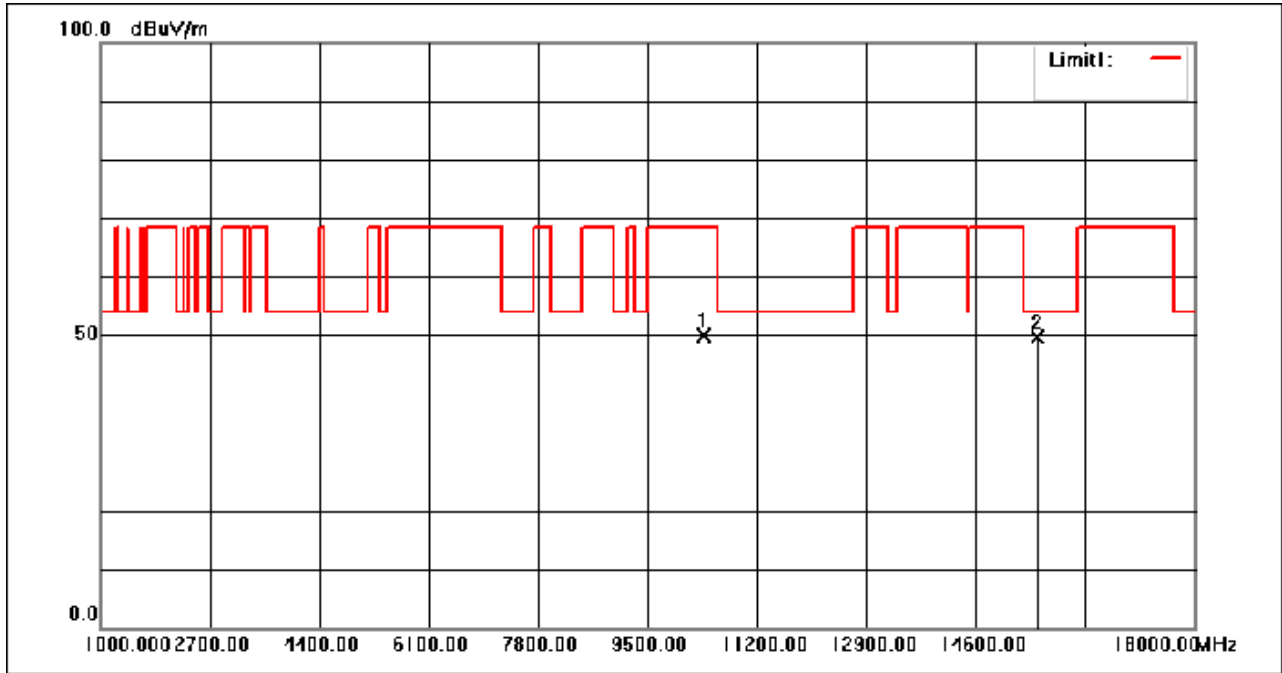
Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	52.07	-2.56	49.51	68.30	-18.79	peak
2	15570.000	50.99	-0.32	50.67	54.00	-3.33	peak

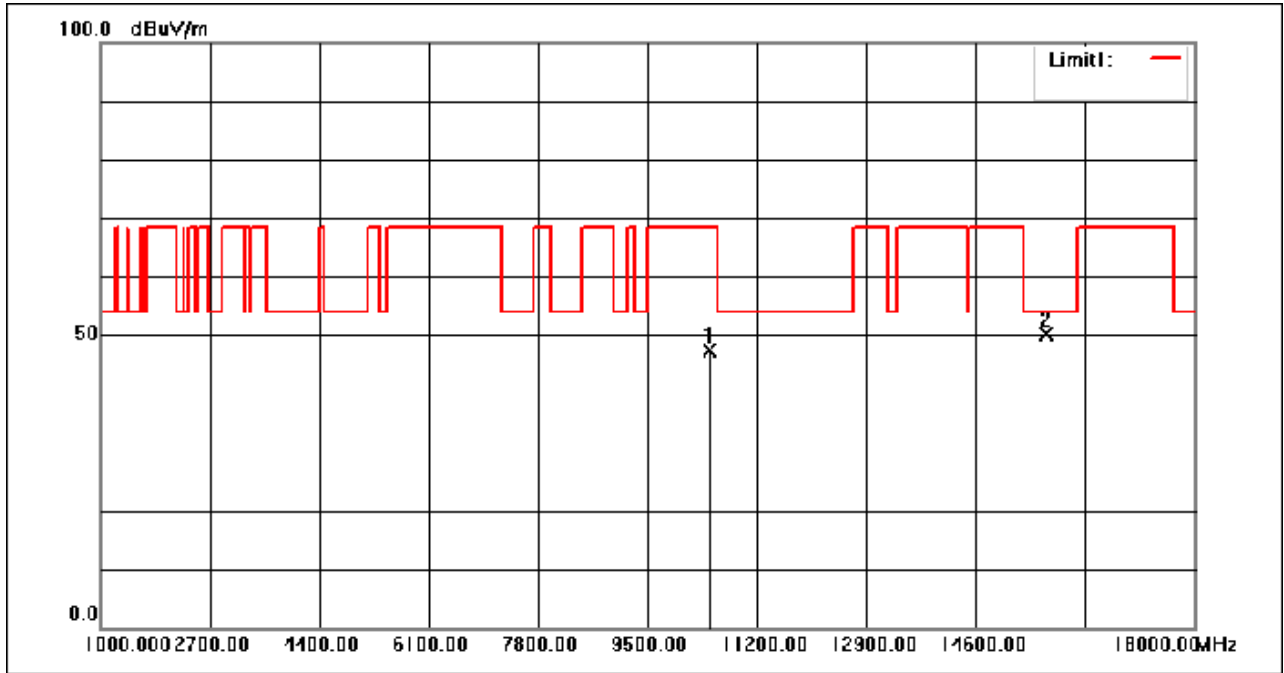


Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



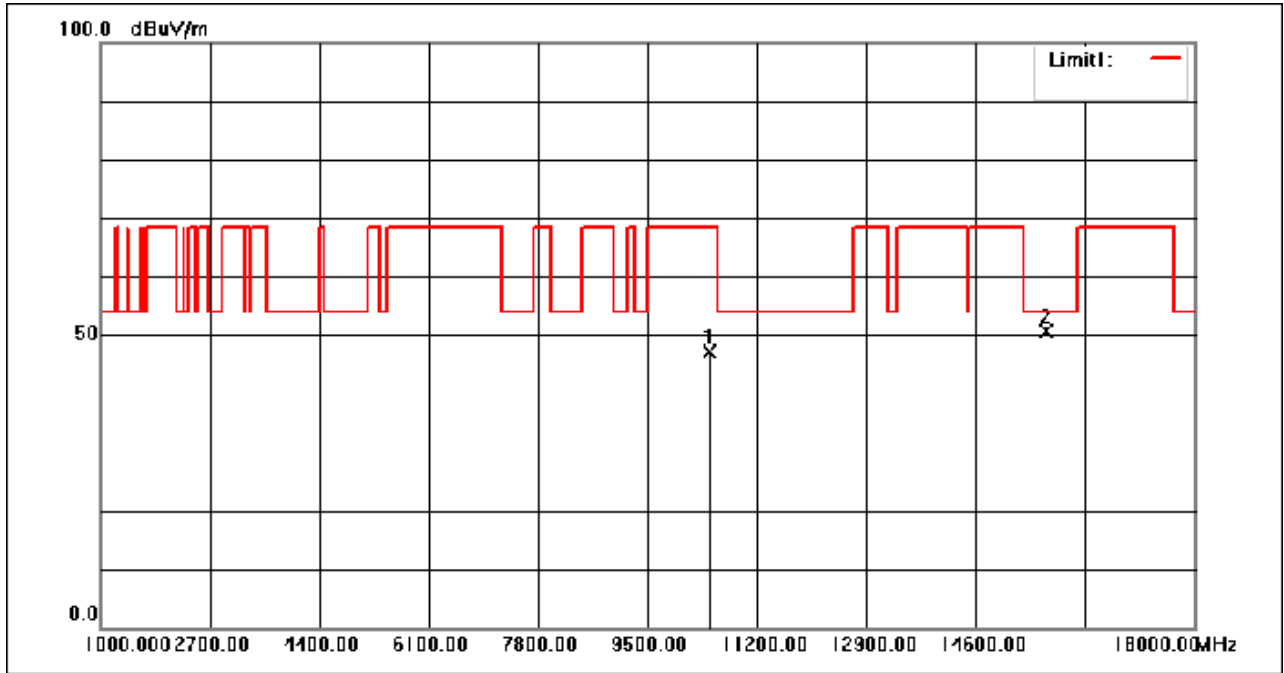
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	52.45	-2.56	49.89	68.30	-18.41	peak
2	15570.000	49.86	-0.32	49.54	54.00	-4.46	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



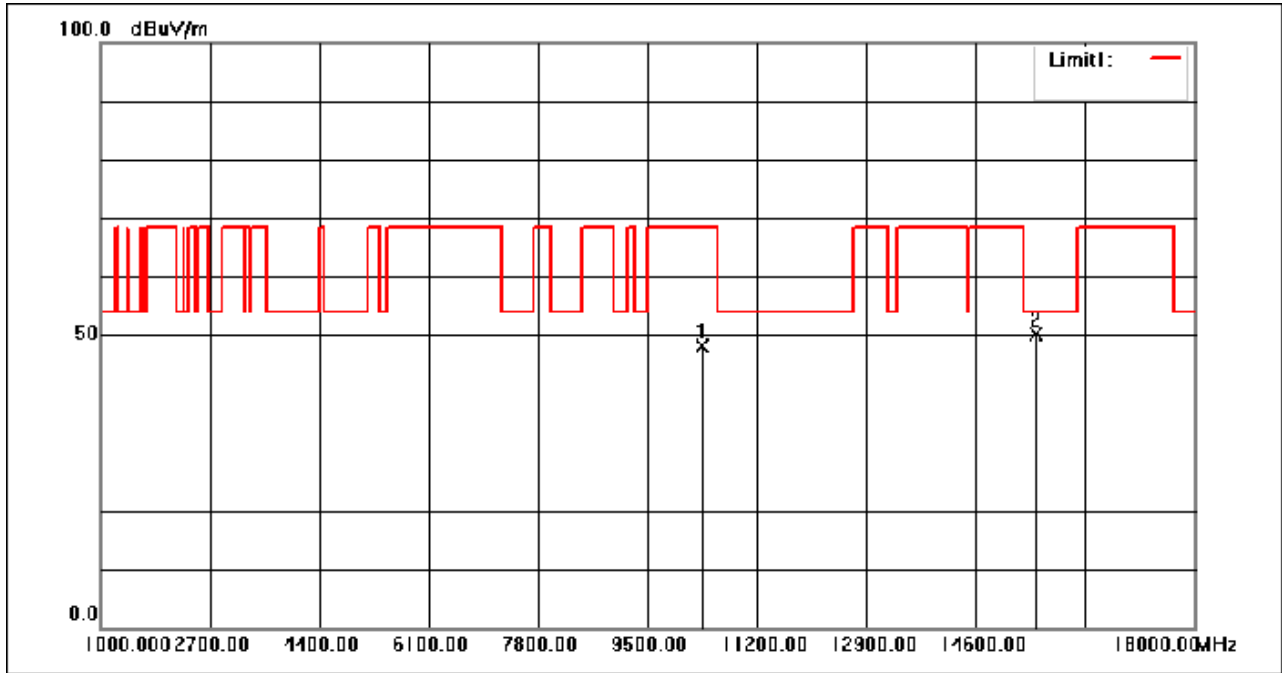
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	49.78	-2.44	47.34	68.30	-20.96	peak
2	15690.000	50.65	-0.42	50.23	54.00	-3.77	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



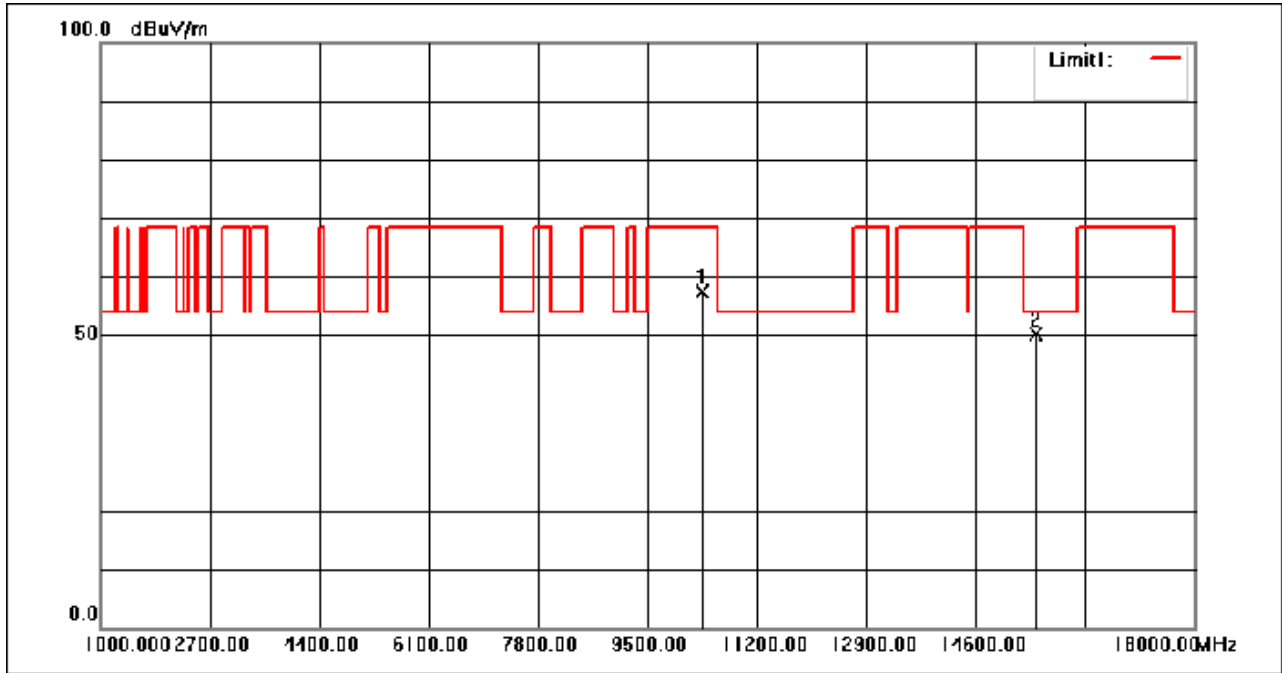
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	49.65	-2.44	47.21	68.30	-21.09	peak
2	15690.000	51.14	-0.42	50.72	54.00	-3.28	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



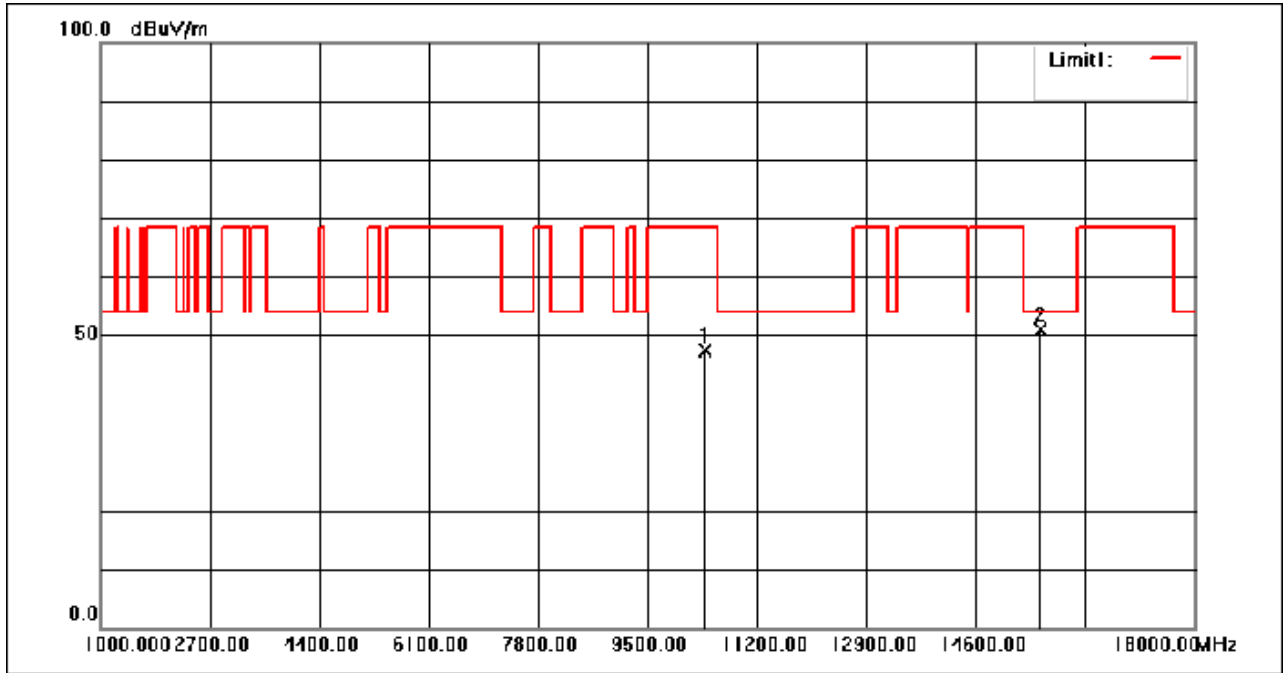
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.70	-2.59	48.11	68.30	-20.19	peak
2	15540.000	50.33	-0.30	50.03	54.00	-3.97	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



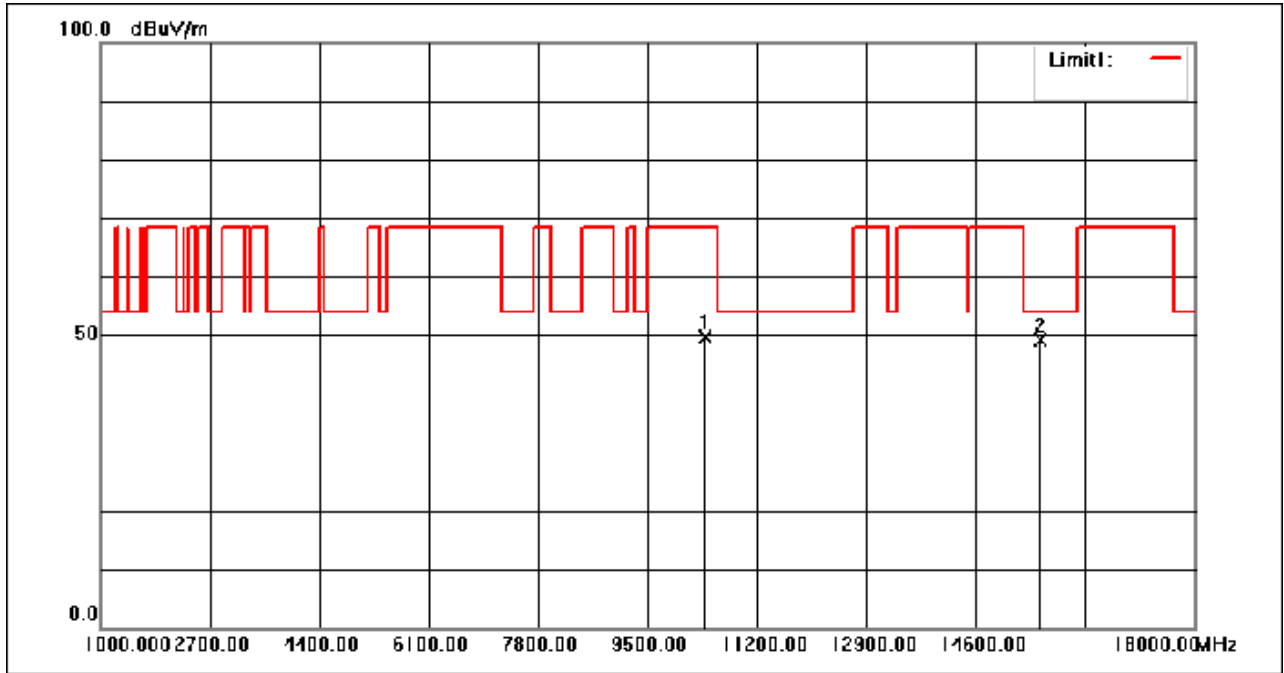
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	60.09	-2.59	57.50	68.30	-10.80	peak
2	15540.000	50.34	-0.30	50.04	54.00	-3.96	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:middle



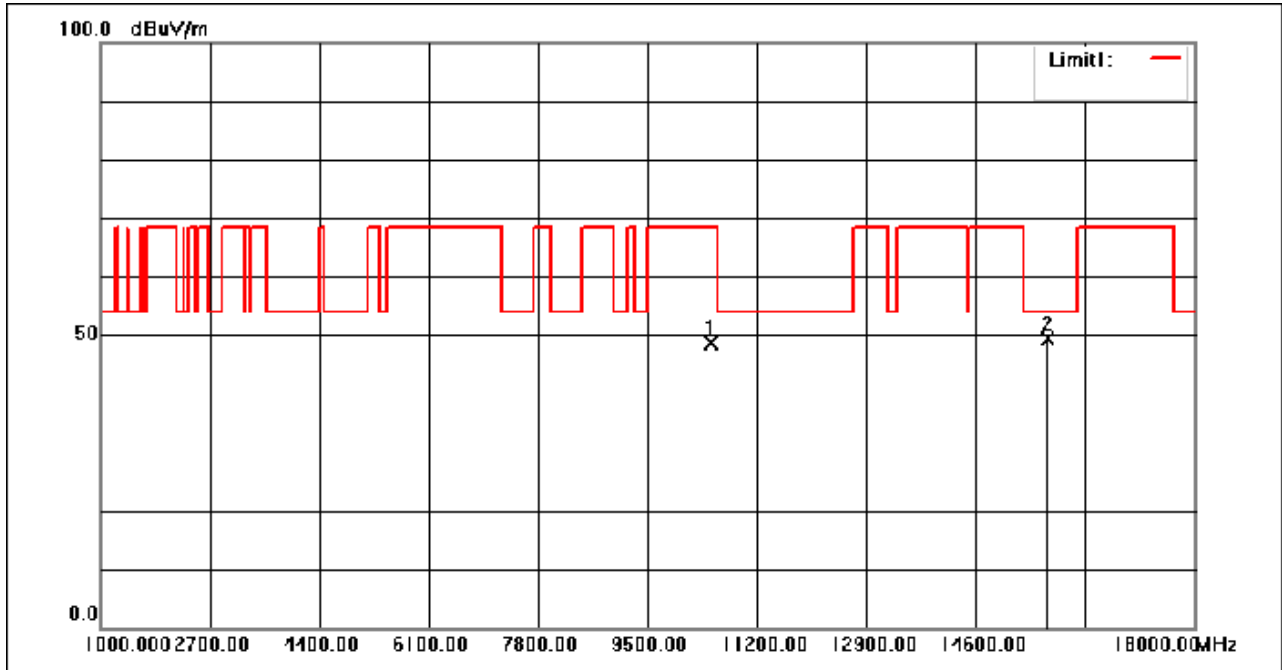
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	49.80	-2.53	47.27	68.30	-21.03	peak
2	15600.000	51.17	-0.35	50.82	54.00	-3.18	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	52.17	-2.53	49.64	68.30	-18.66	peak
2	15600.000	49.60	-0.35	49.25	54.00	-4.75	peak

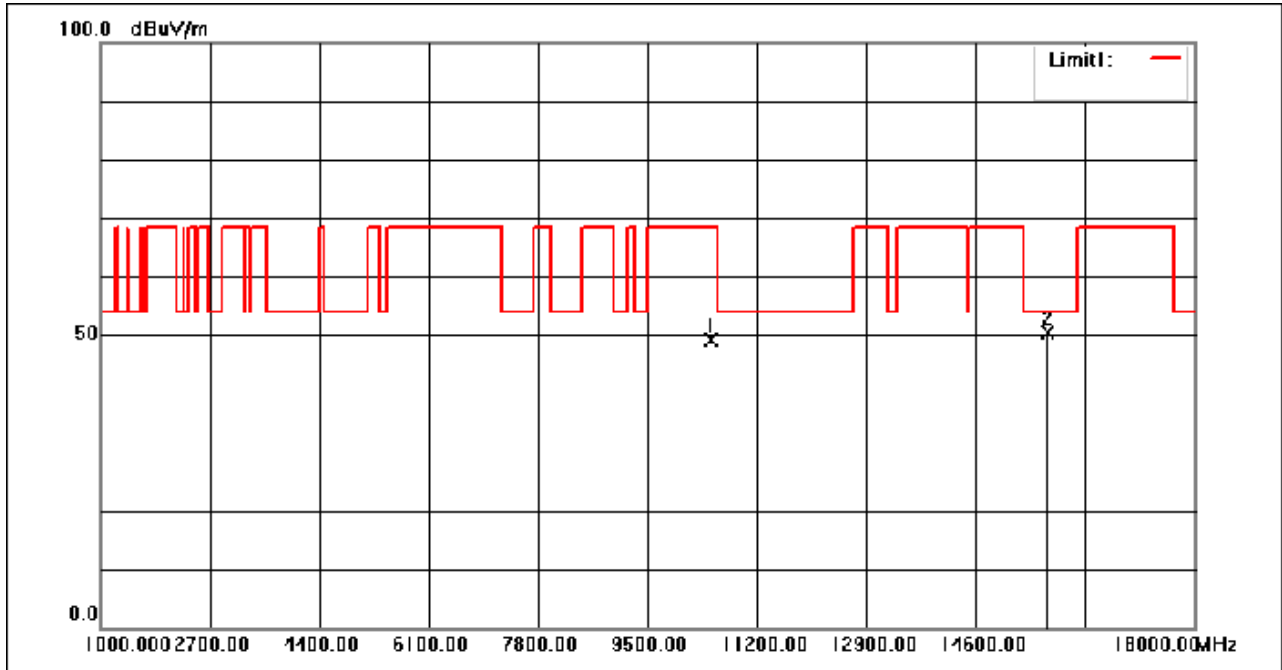
Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.09	-2.41	48.68	68.30	-19.62	peak
2	15720.000	49.80	-0.44	49.36	54.00	-4.64	peak

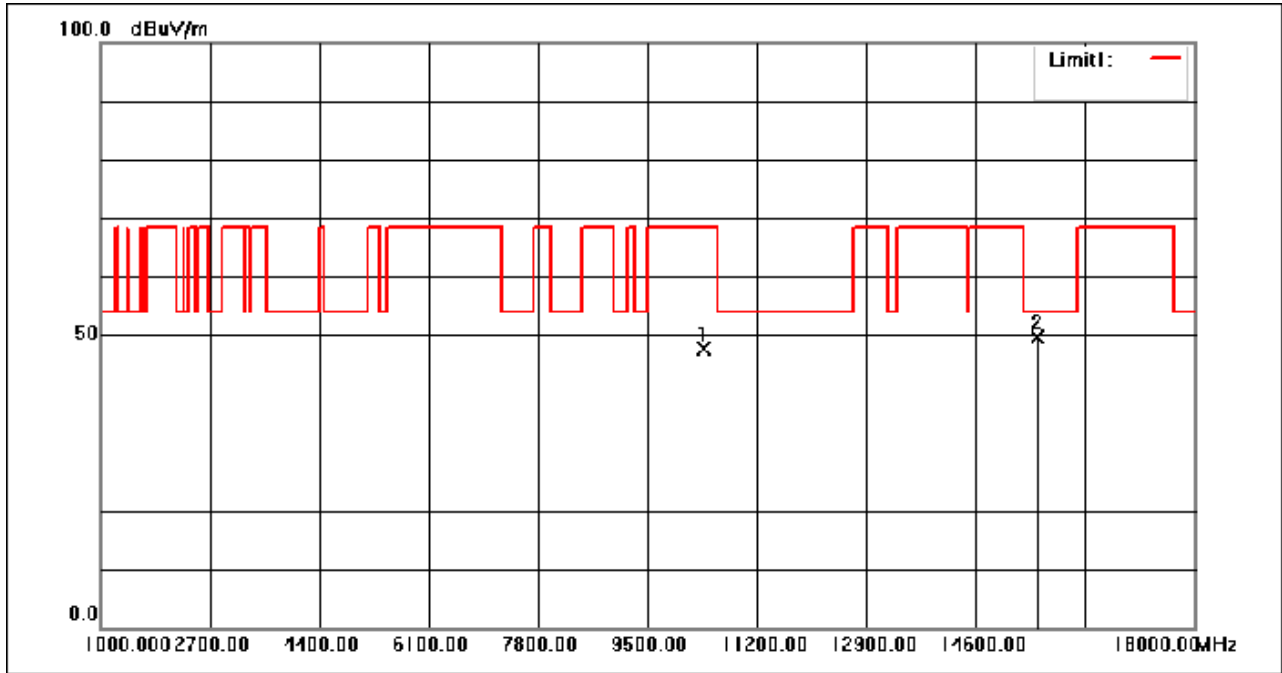


Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



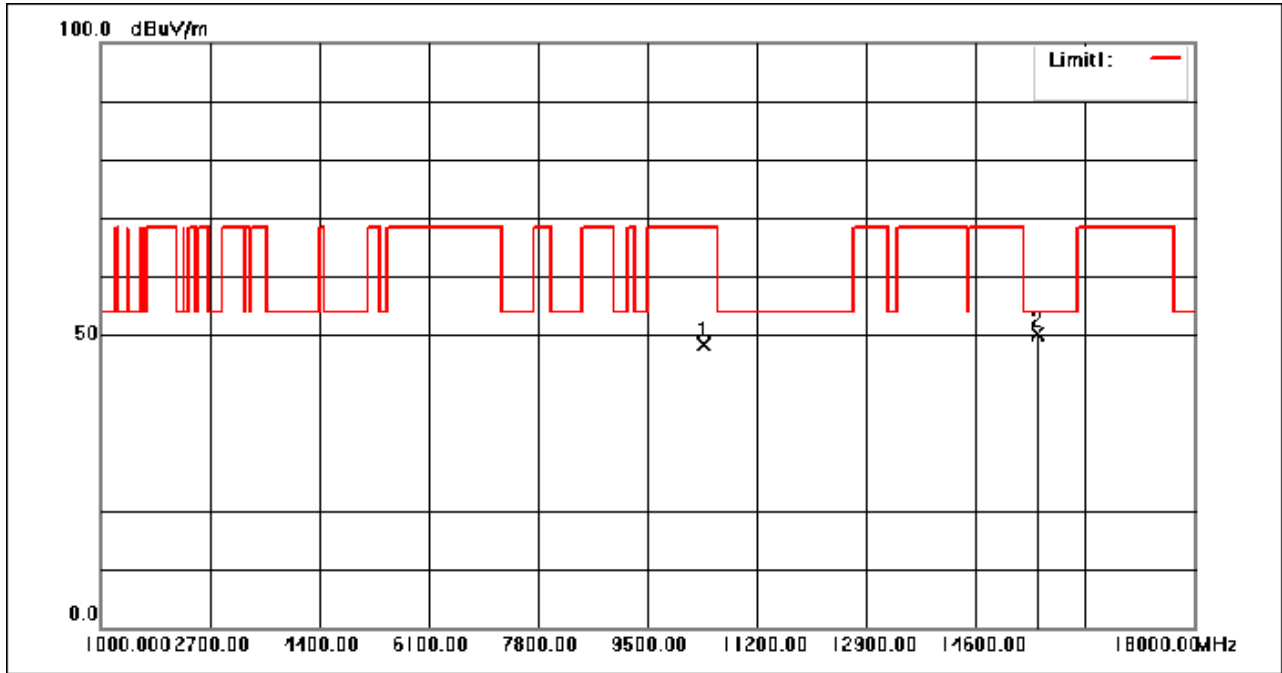
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.54	-2.41	49.13	68.30	-19.17	peak
2	15720.000	50.75	-0.44	50.31	54.00	-3.69	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



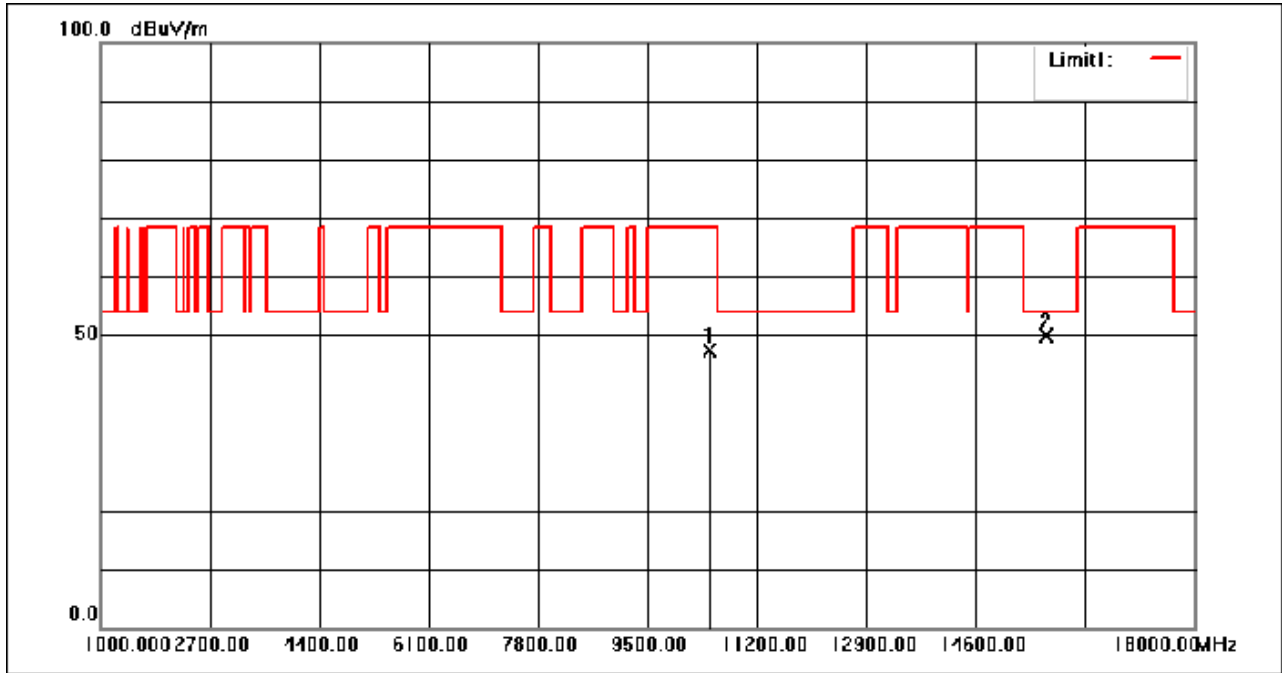
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.22	-2.56	47.66	68.30	-20.64	peak
2	15570.000	49.96	-0.32	49.64	54.00	-4.36	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



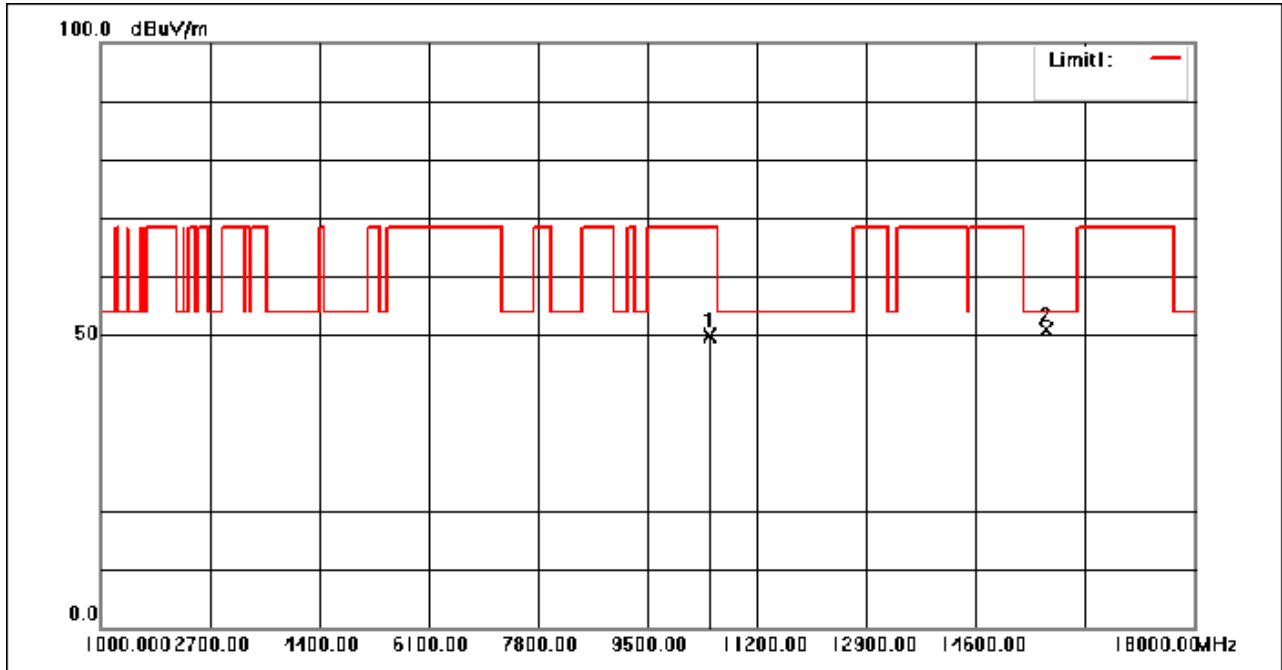
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.96	-2.56	48.40	68.30	-19.90	peak
2	15570.000	50.53	-0.32	50.21	54.00	-3.79	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



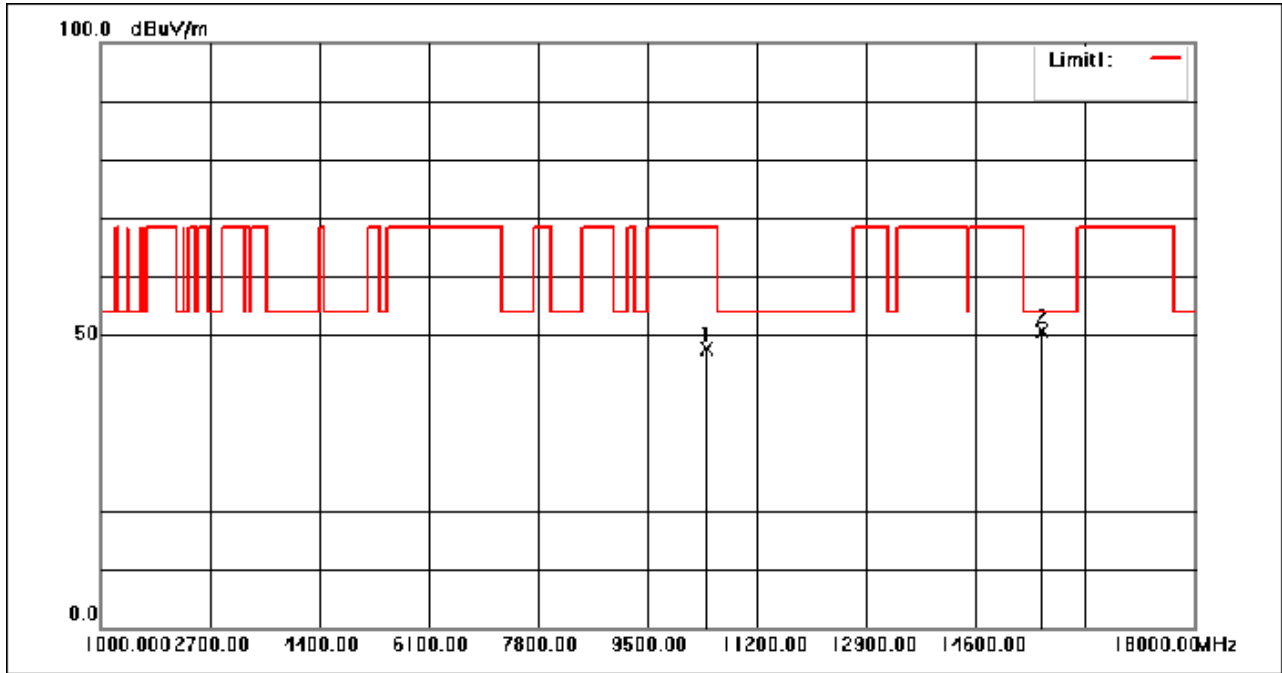
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	49.88	-2.44	47.44	68.30	-20.86	peak
2	15690.000	50.41	-0.42	49.99	54.00	-4.01	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



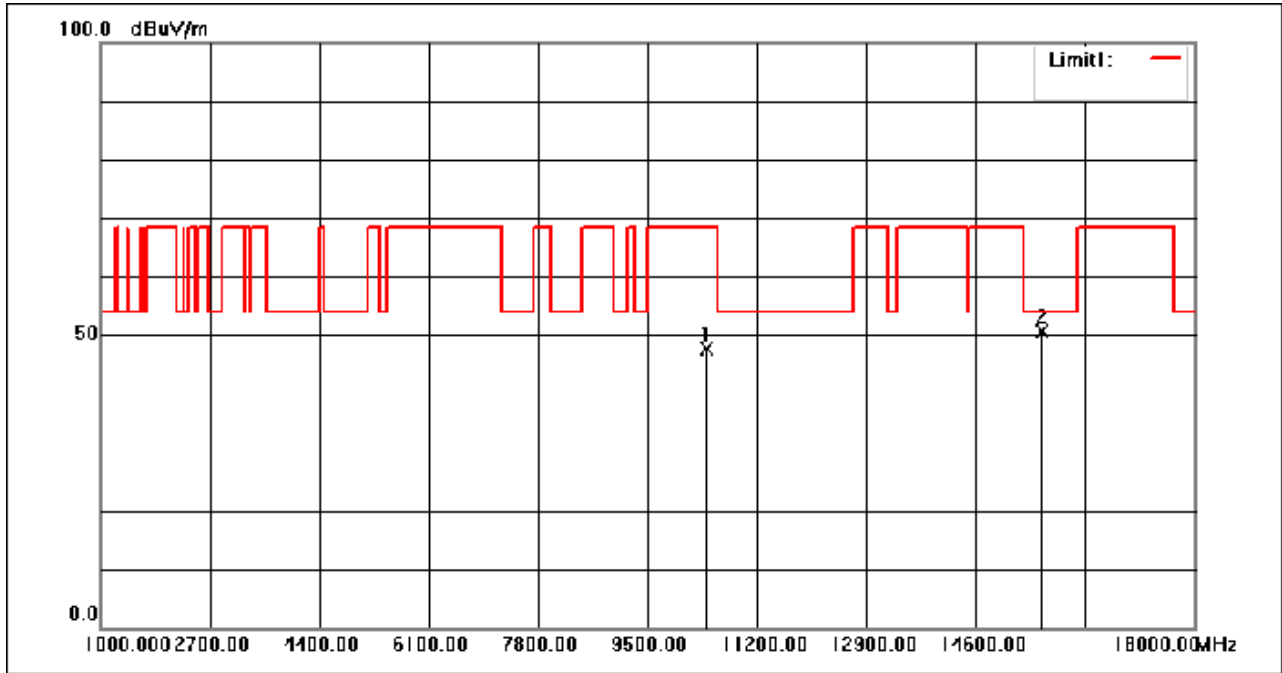
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	52.42	-2.44	49.98	68.30	-18.32	peak
2	15690.000	51.18	-0.42	50.76	54.00	-3.24	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



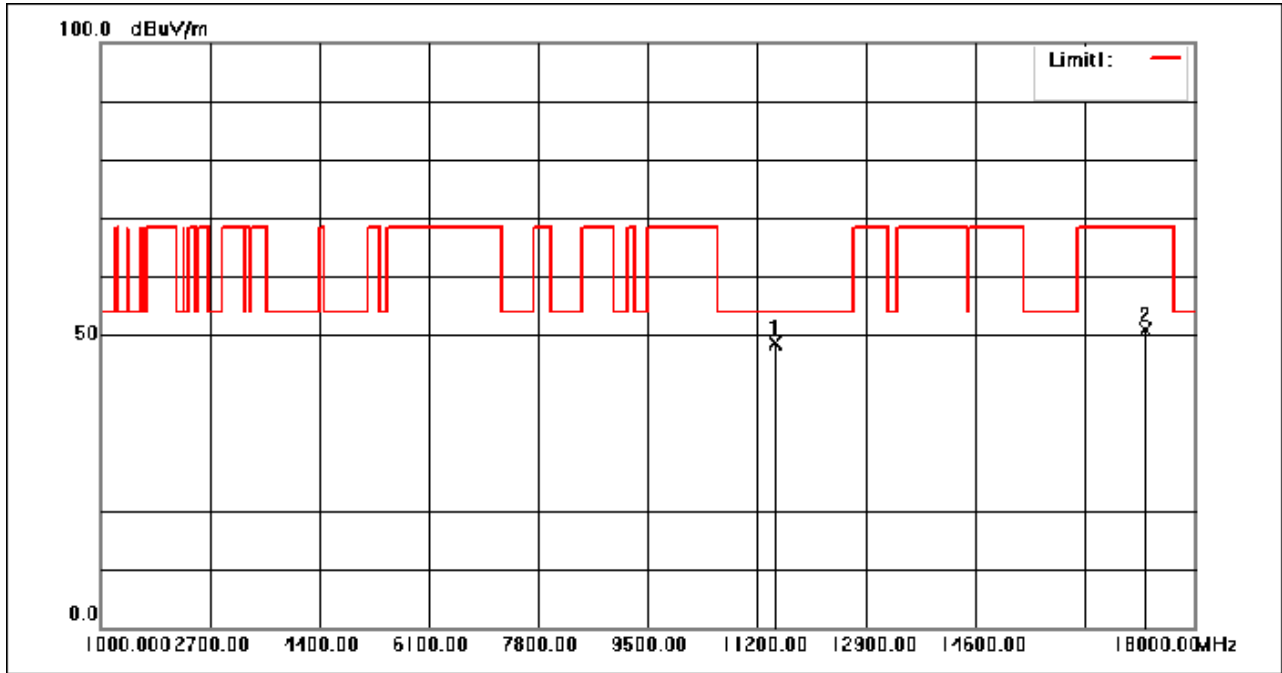
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	50.10	-2.50	47.60	68.30	-20.70	peak
2	15630.000	51.02	-0.37	50.65	54.00	-3.35	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	50.25	-2.50	47.75	68.30	-20.55	peak
2	15630.000	51.03	-0.37	50.66	54.00	-3.34	peak

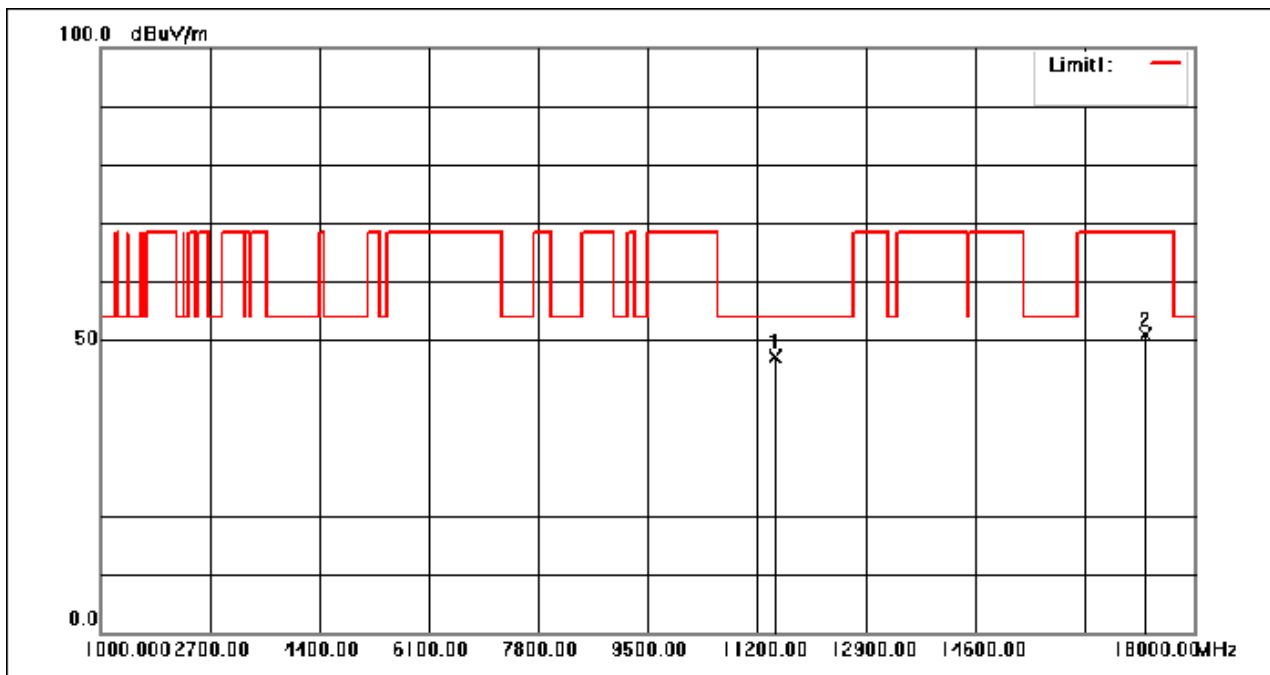
Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.98	-2.24	48.74	54.00	-5.26	peak
2	17235.000	50.98	-0.19	50.79	68.30	-17.51	peak

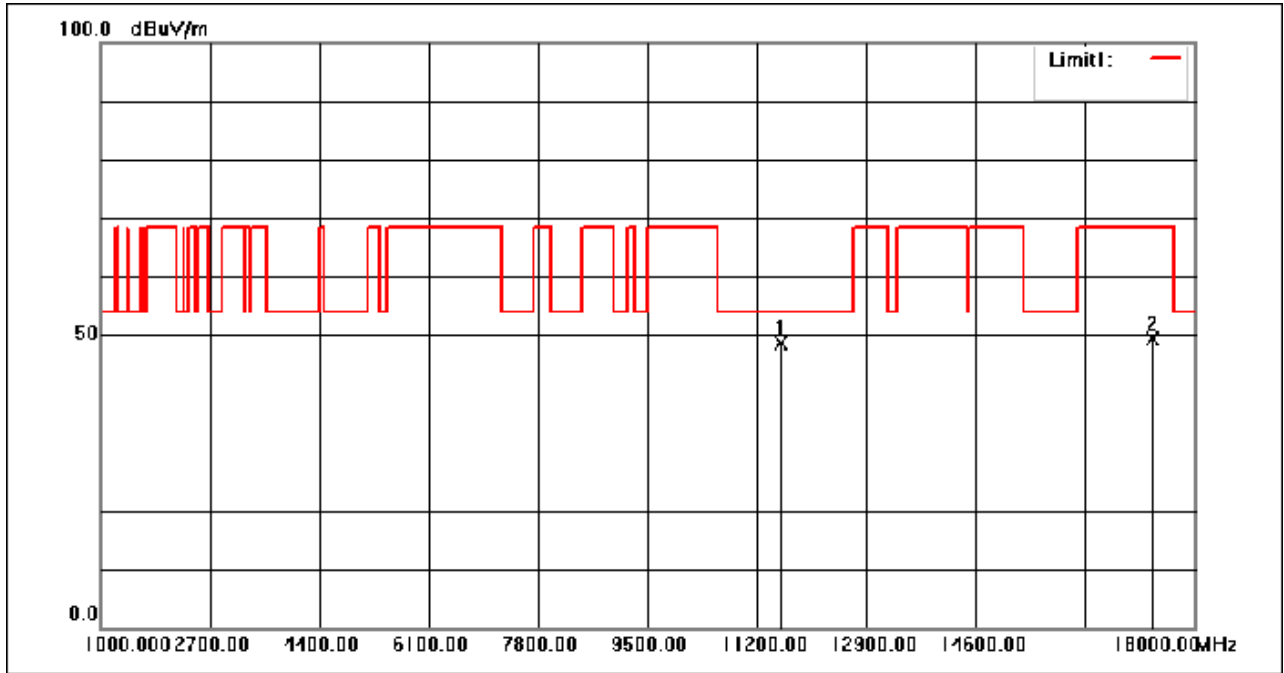


Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



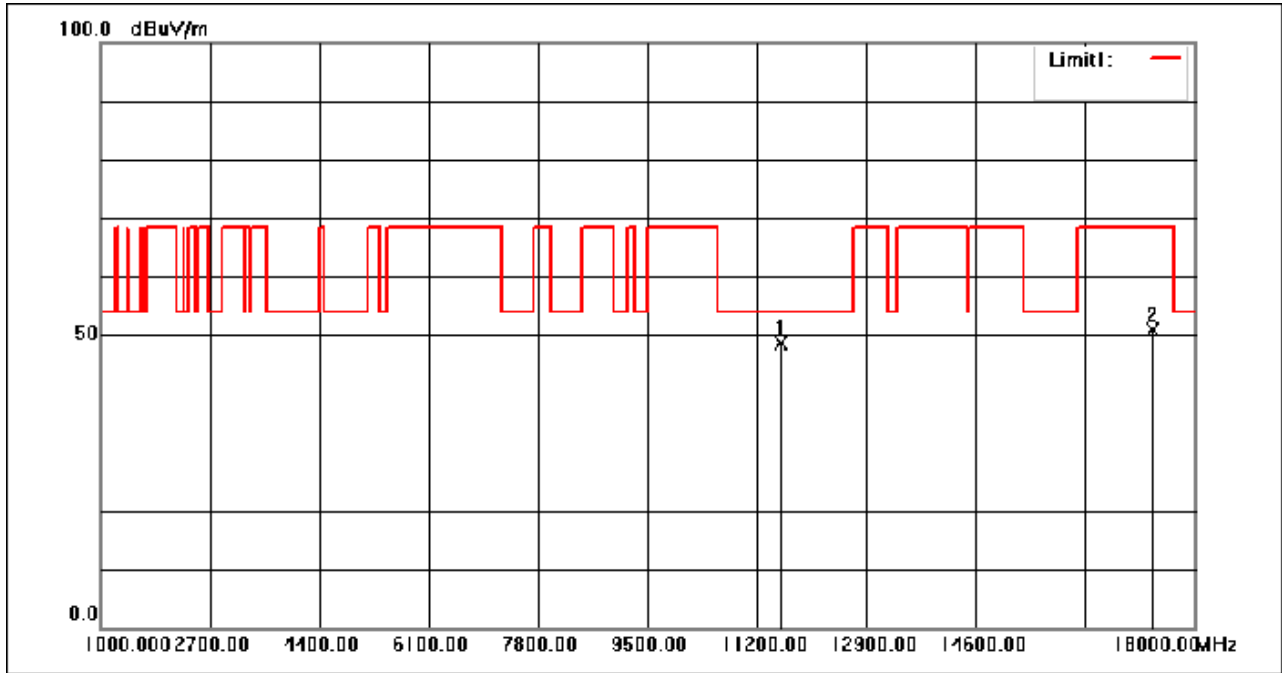
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.29	-2.24	47.05	54.00	-6.95	peak
2	17235.000	51.12	-0.19	50.93	68.30	-17.37	peak

Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



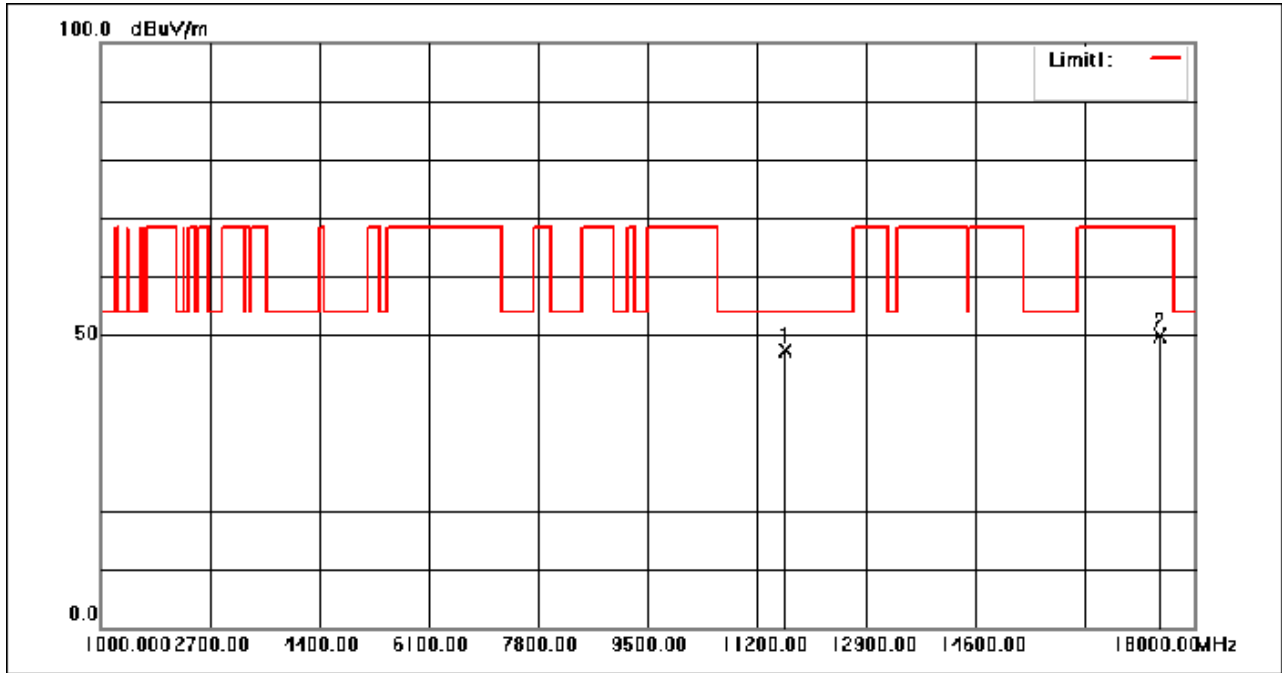
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.98	-2.33	48.65	54.00	-5.35	peak
2	17355.000	49.64	-0.29	49.35	68.30	-18.95	peak

Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



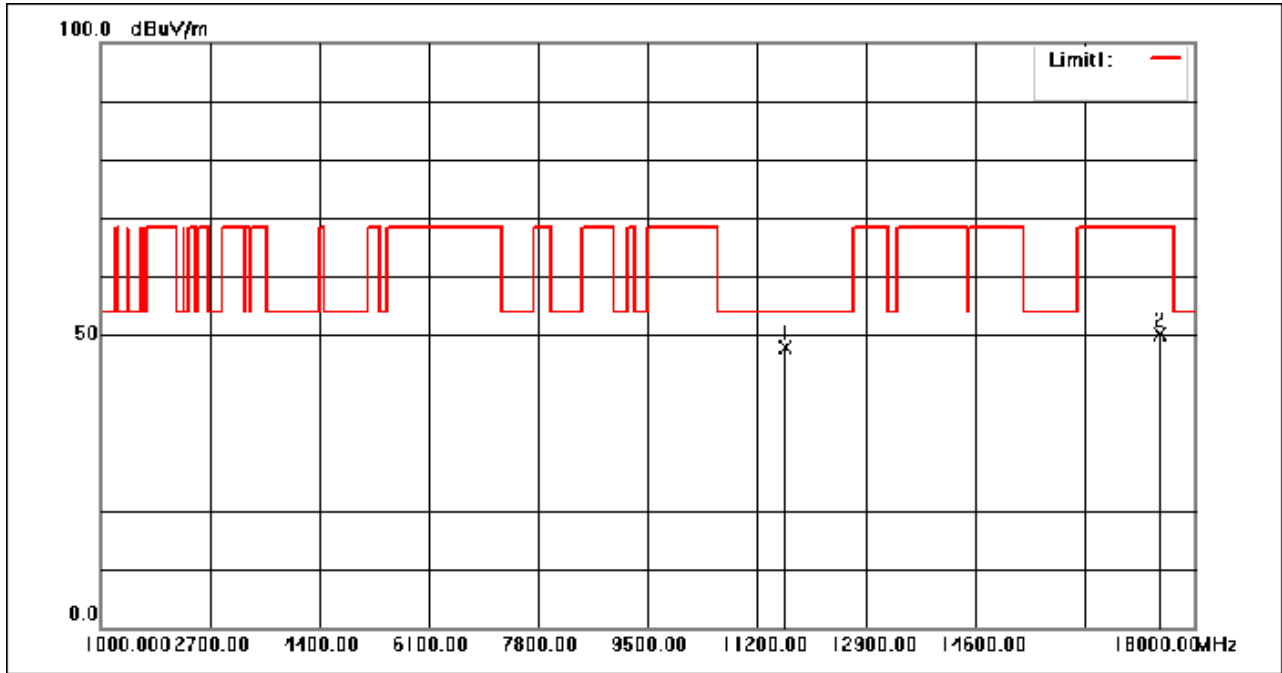
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.94	-2.33	48.61	54.00	-5.39	peak
2	17355.000	51.10	-0.29	50.81	68.30	-17.49	peak

Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



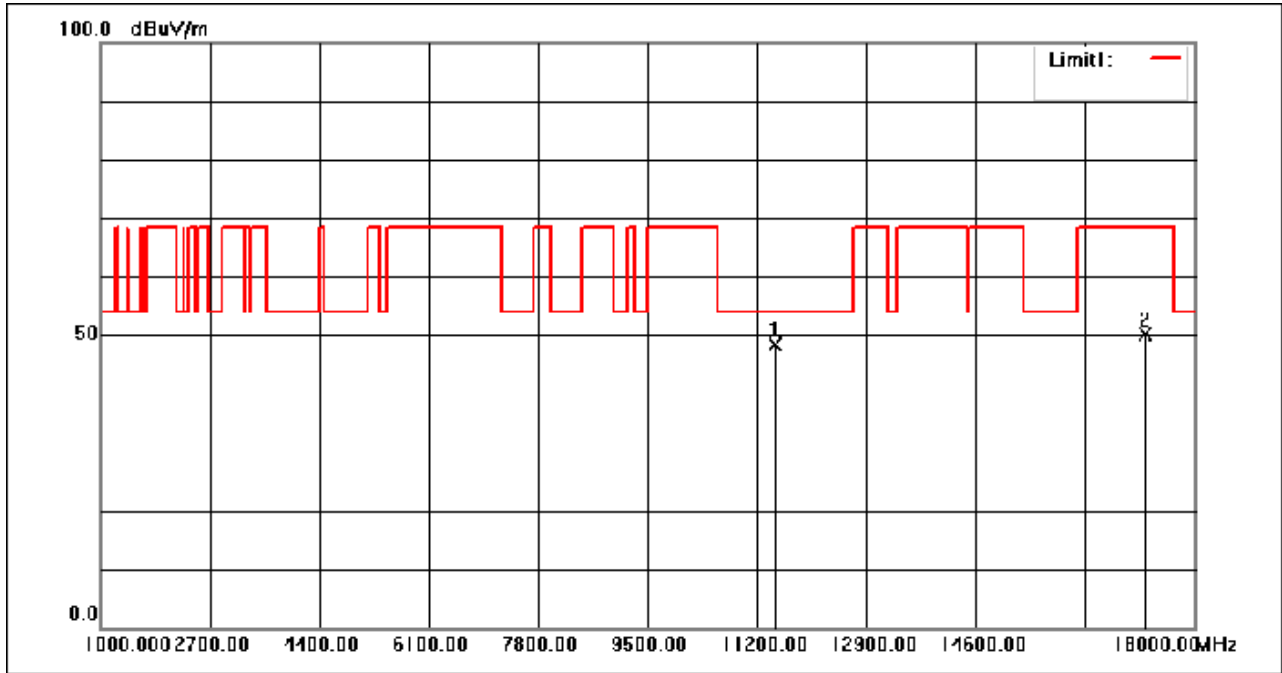
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	49.73	-2.40	47.33	54.00	-6.67	peak
2	17475.000	50.16	-0.39	49.77	68.30	-18.53	peak

Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



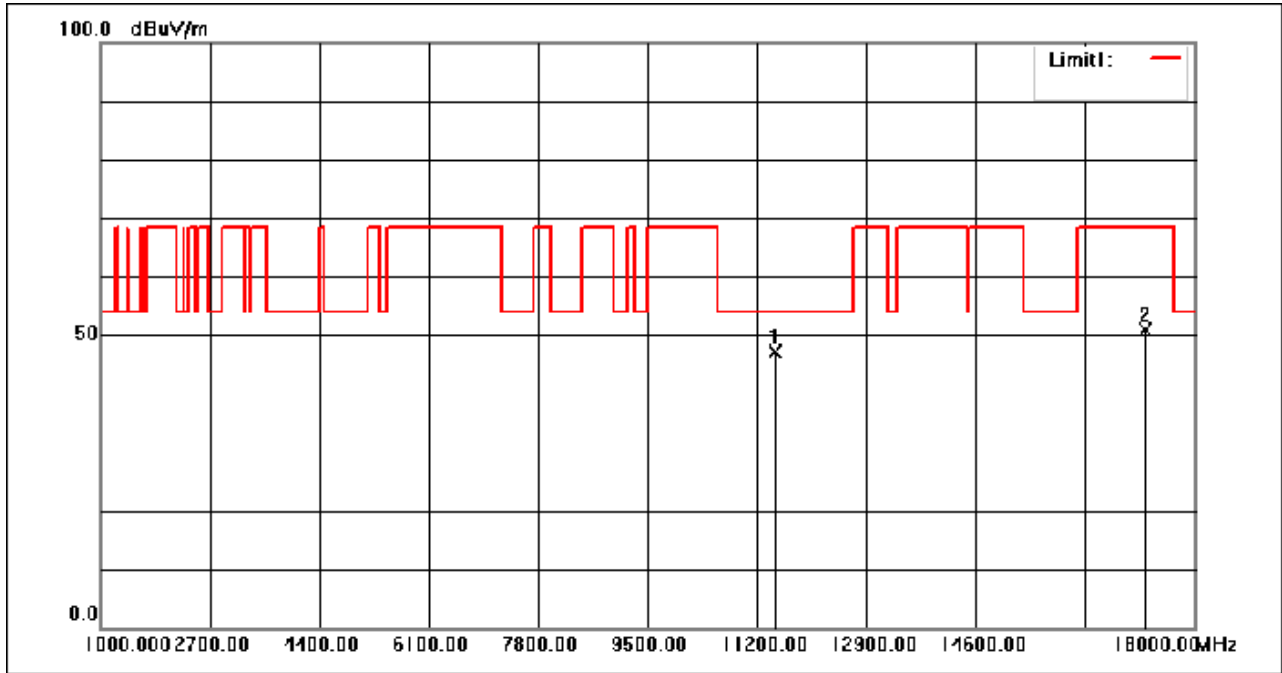
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.39	-2.40	47.99	54.00	-6.01	peak
2	17475.000	50.45	-0.39	50.06	68.30	-18.24	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



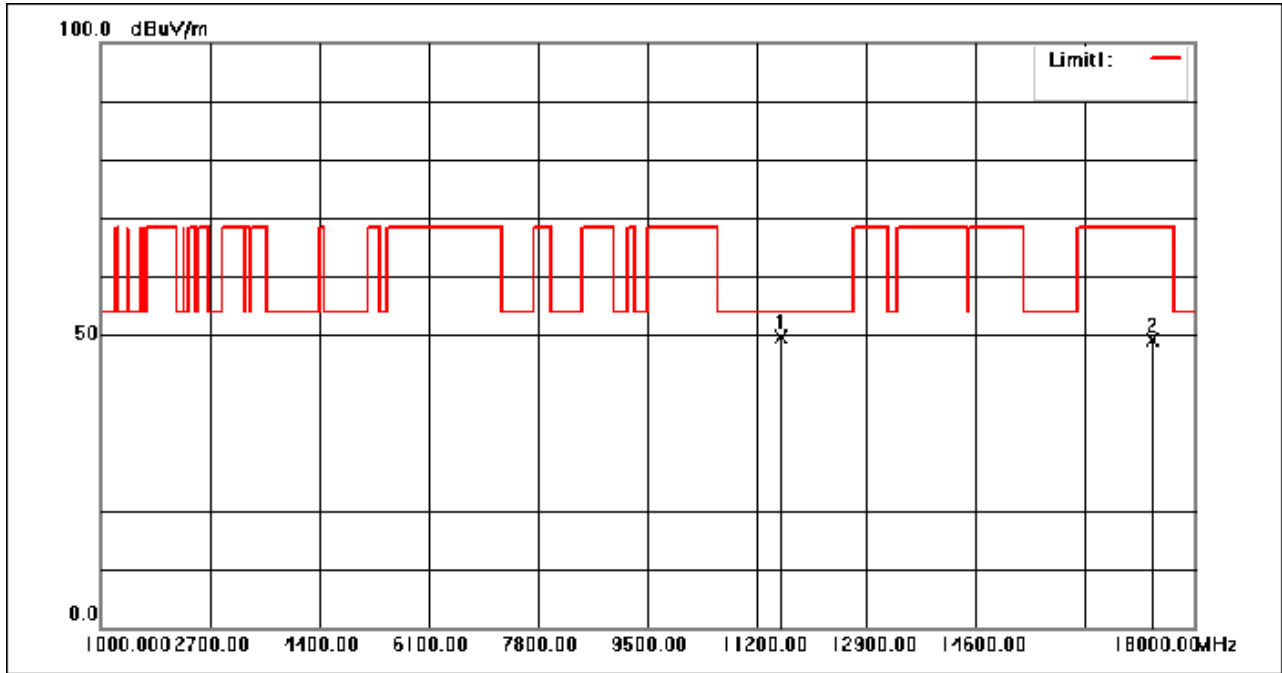
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.53	-2.24	48.29	54.00	-5.71	peak
2	17235.000	50.34	-0.19	50.15	68.30	-18.15	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.49	-2.24	47.25	54.00	-6.75	peak
2	17235.000	51.18	-0.19	50.99	68.30	-17.31	peak

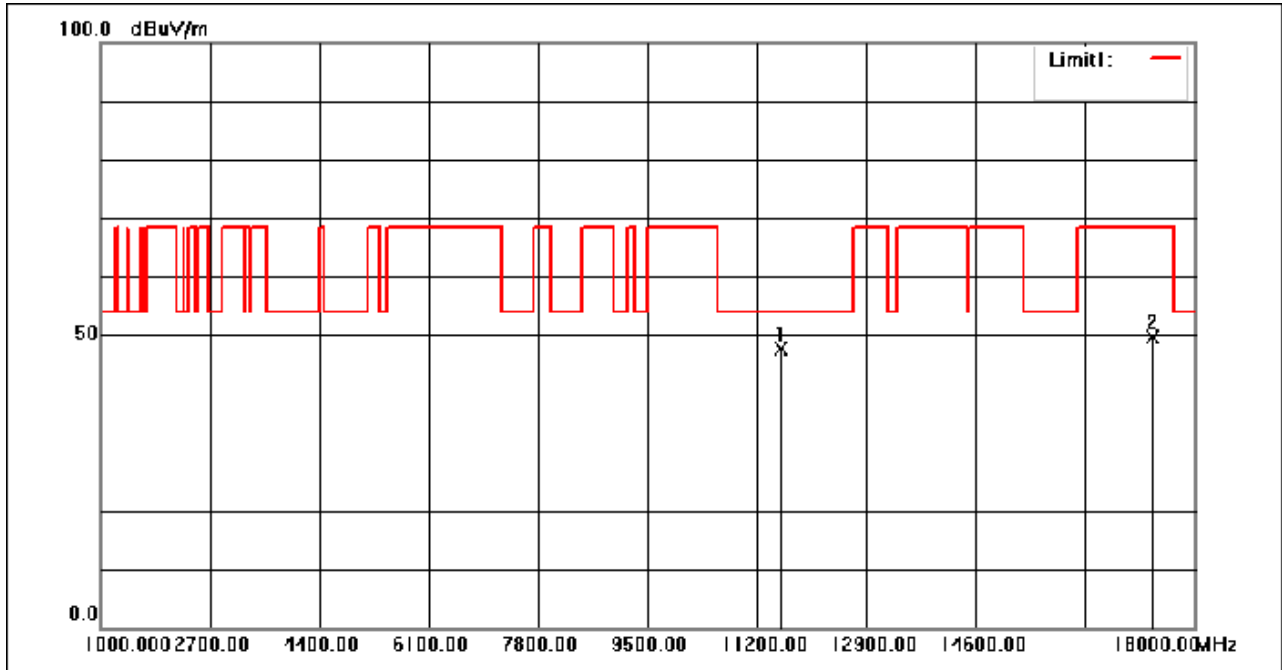
Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	51.84	-2.33	49.51	54.00	-4.49	peak
2	17355.000	49.44	-0.29	49.15	68.30	-19.15	peak

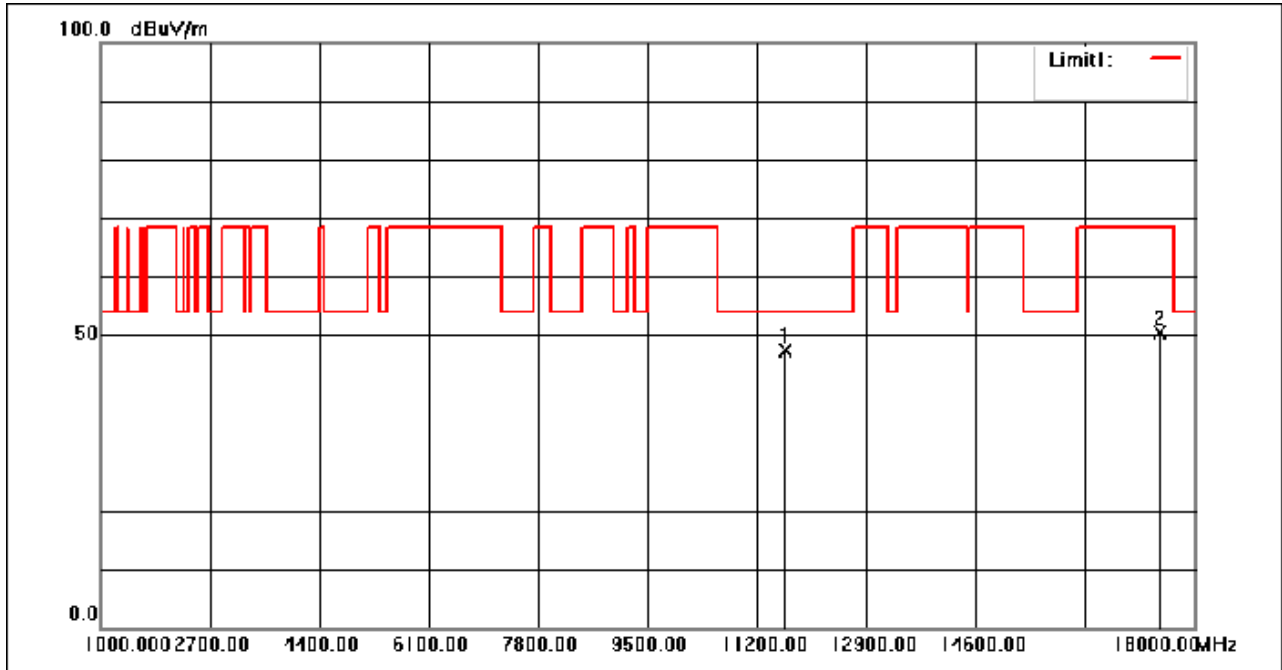


Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



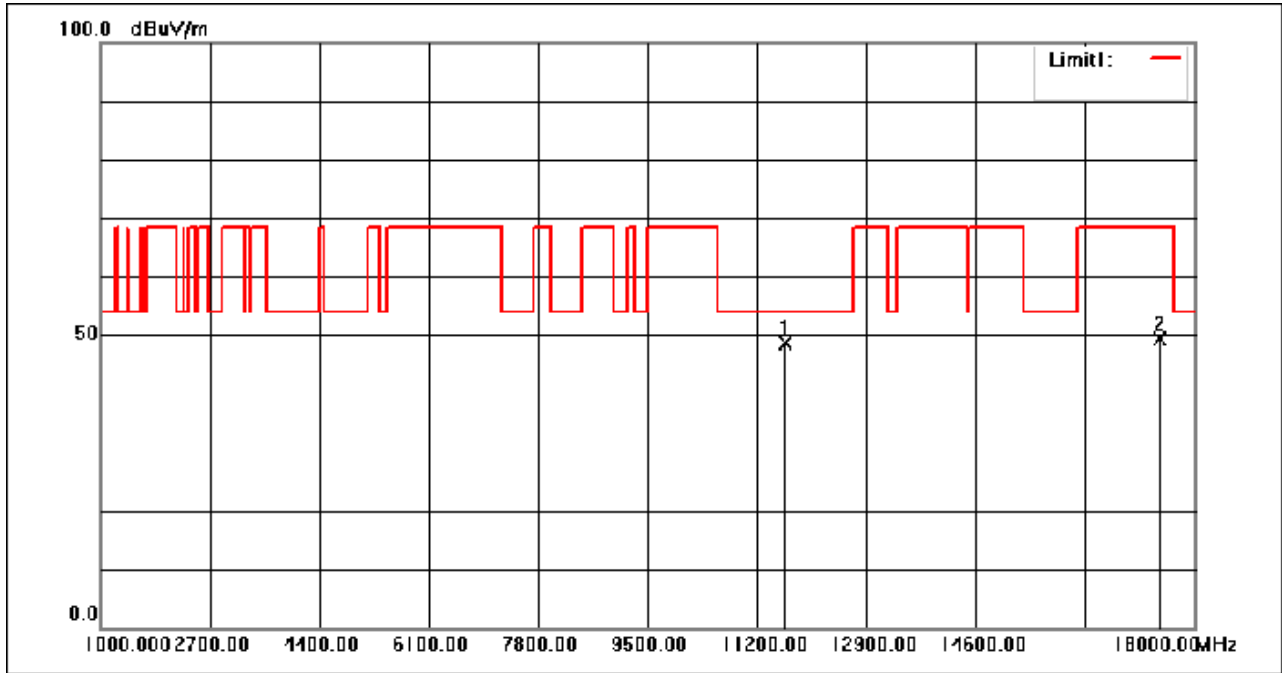
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.02	-2.33	47.69	54.00	-6.31	peak
2	17355.000	50.04	-0.29	49.75	68.30	-18.55	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



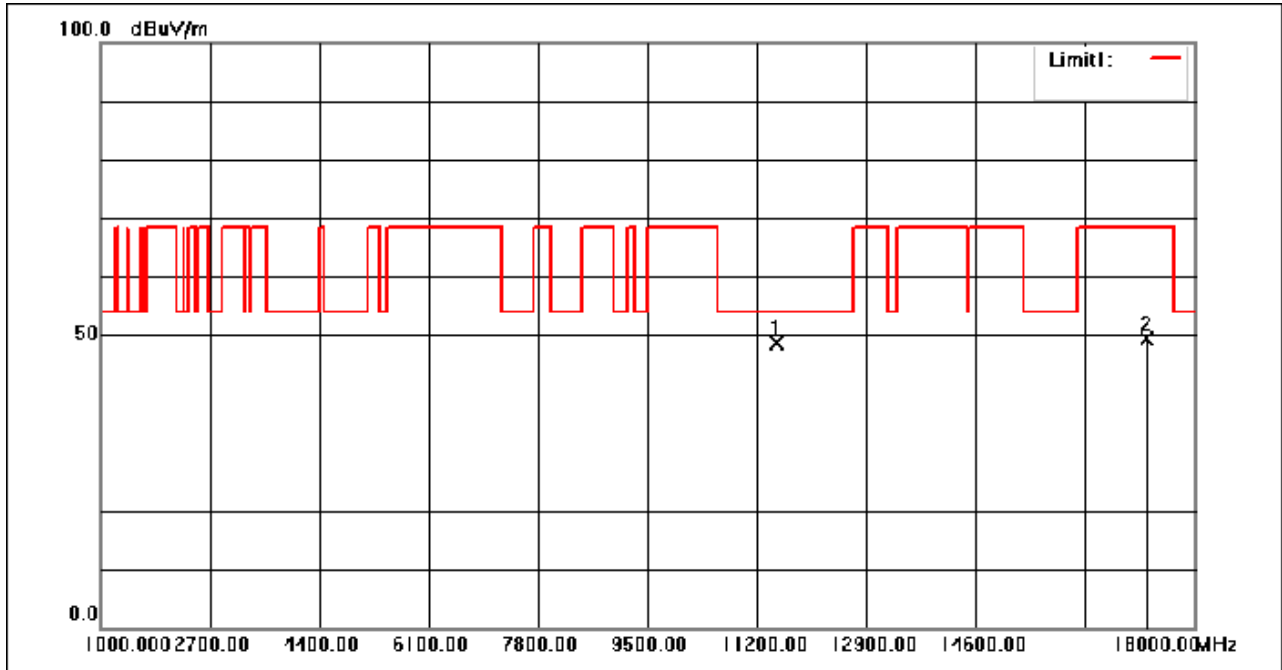
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	49.77	-2.40	47.37	54.00	-6.63	peak
2	17475.000	50.81	-0.39	50.42	68.30	-17.88	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



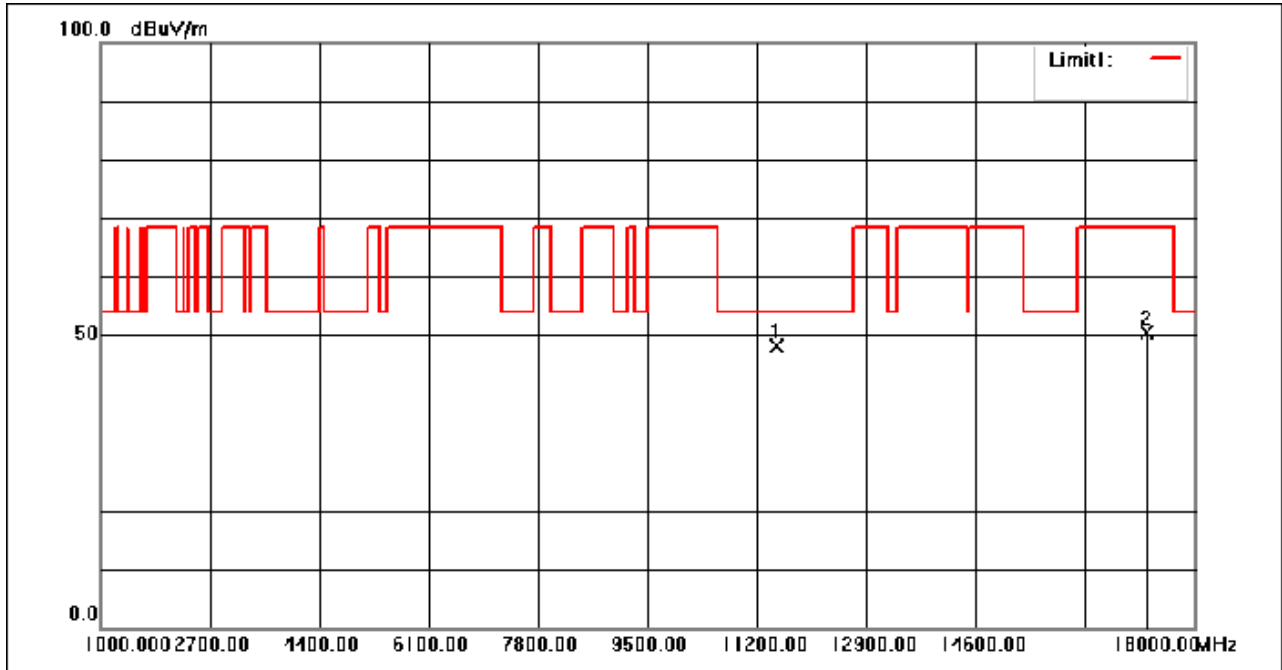
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	51.00	-2.40	48.60	54.00	-5.40	peak
2	17475.000	49.86	-0.39	49.47	68.30	-18.83	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



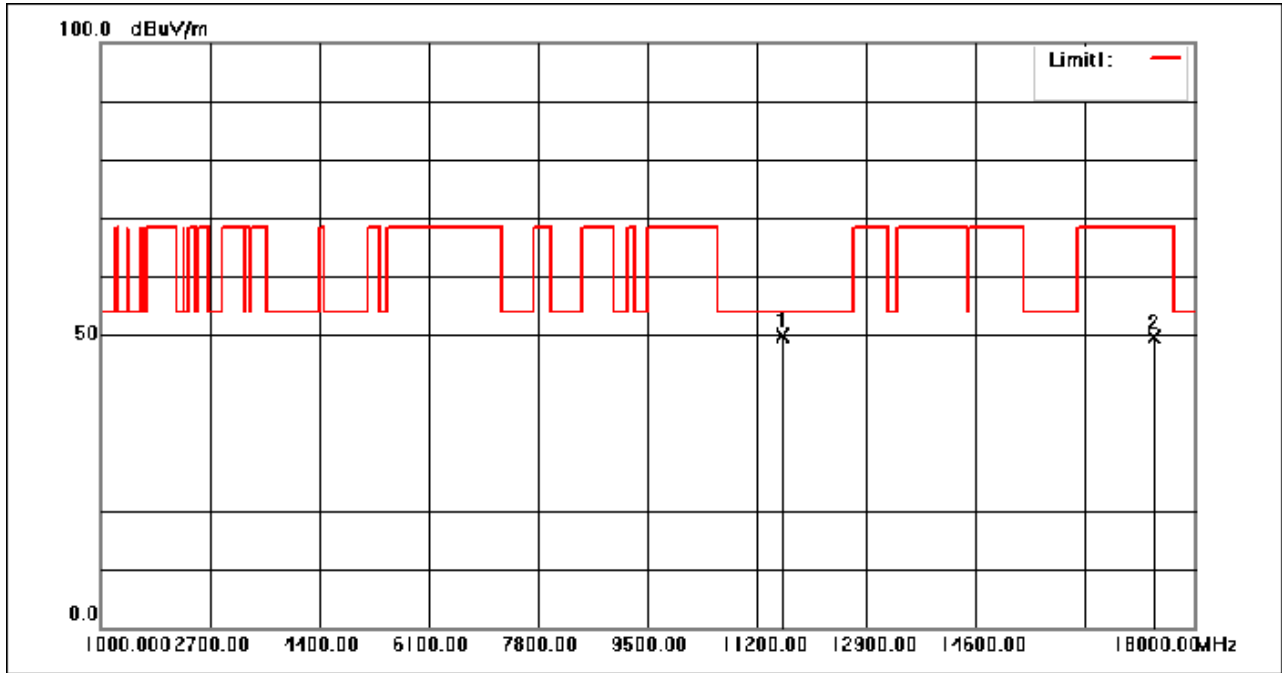
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	51.01	-2.27	48.74	54.00	-5.26	peak
2	17265.000	49.71	-0.22	49.49	68.30	-18.81	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



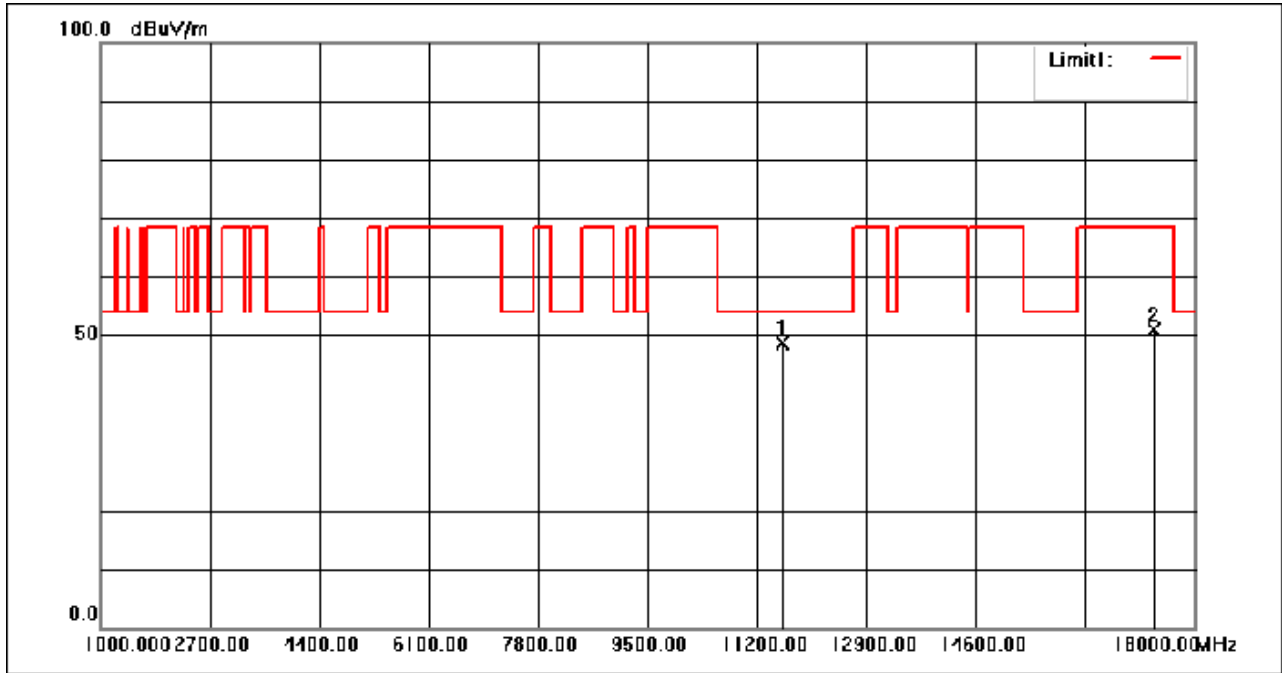
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	50.46	-2.27	48.19	54.00	-5.81	peak
2	17265.000	50.48	-0.22	50.26	68.30	-18.04	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



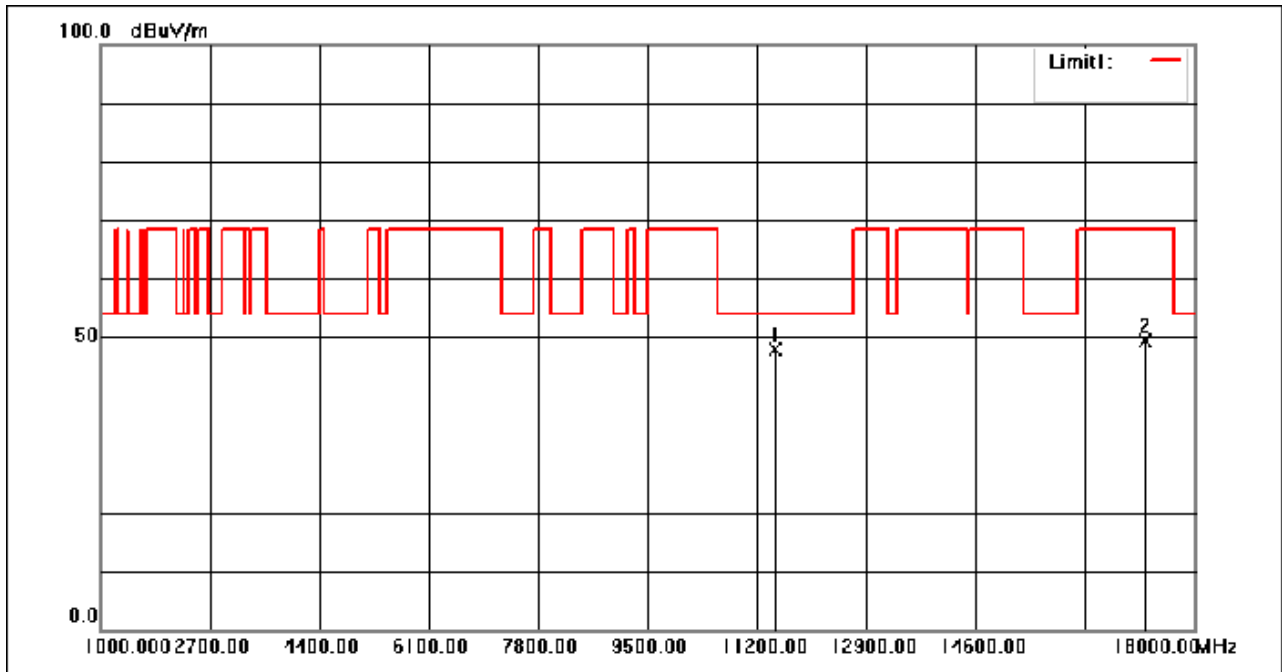
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	52.18	-2.34	49.84	54.00	-4.16	peak
2	17385.000	49.88	-0.32	49.56	68.30	-18.74	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	51.03	-2.34	48.69	54.00	-5.31	peak
2	17385.000	51.09	-0.32	50.77	68.30	-17.53	peak

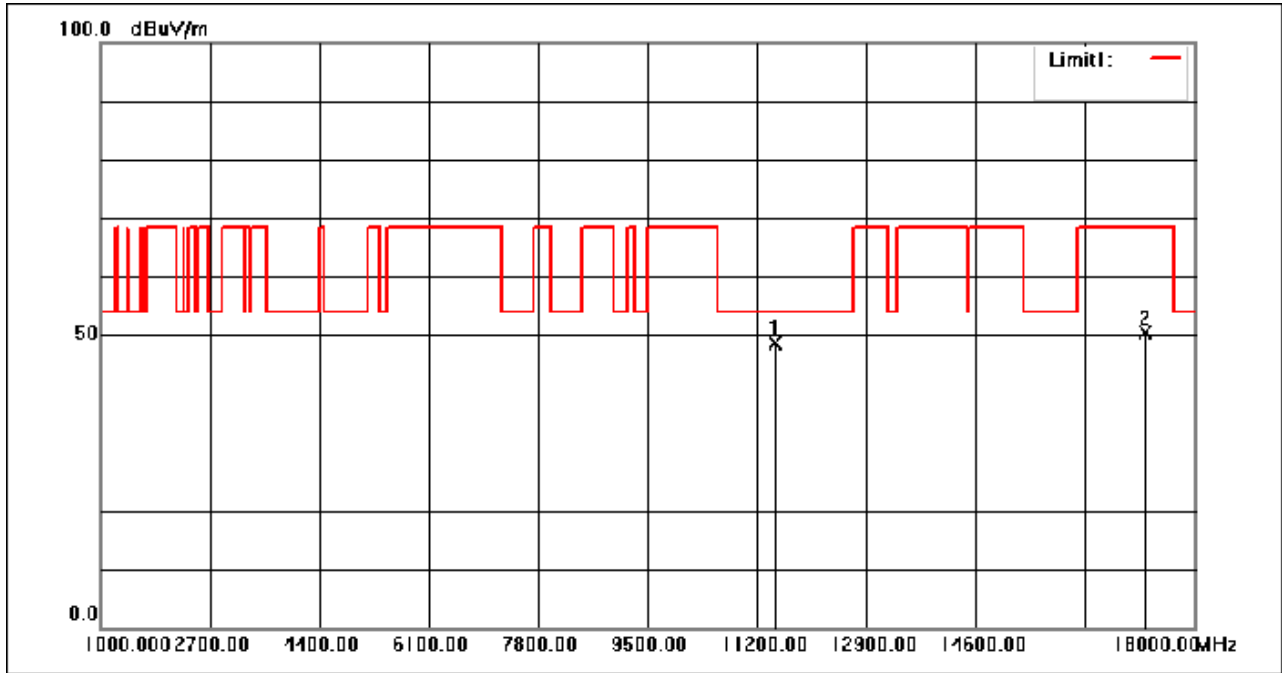
Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.03	-2.24	47.79	54.00	-6.21	peak
2	17235.000	49.58	-0.19	49.39	68.30	-18.91	peak

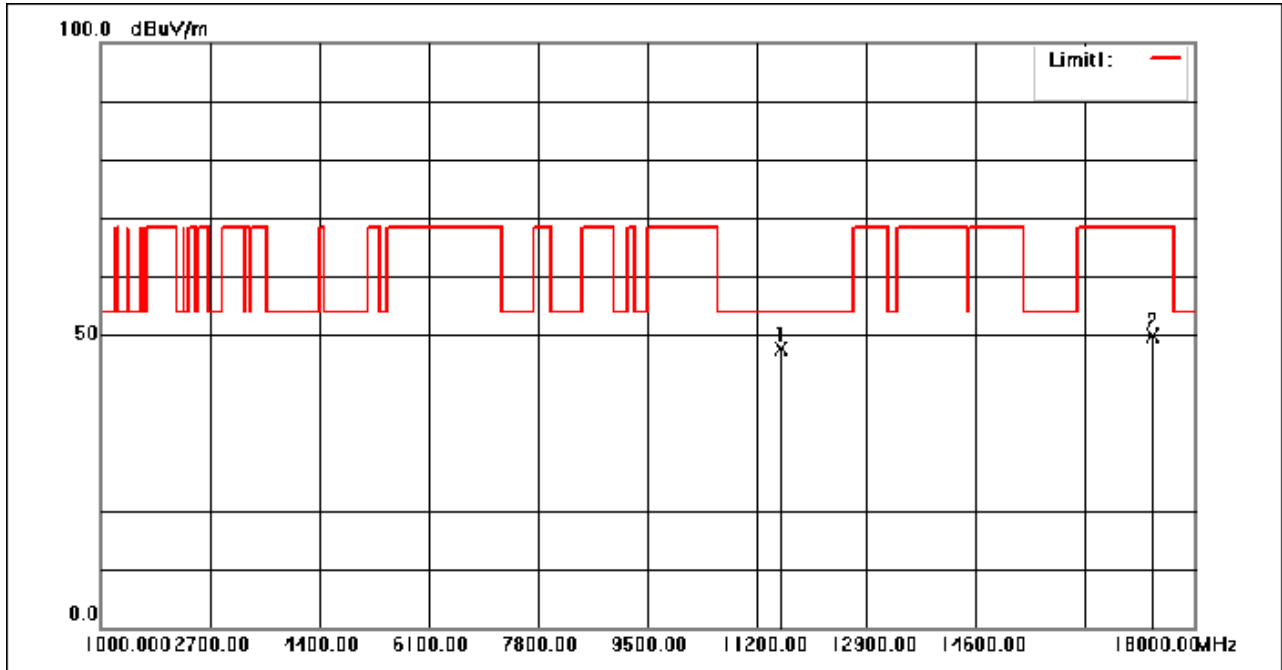


Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



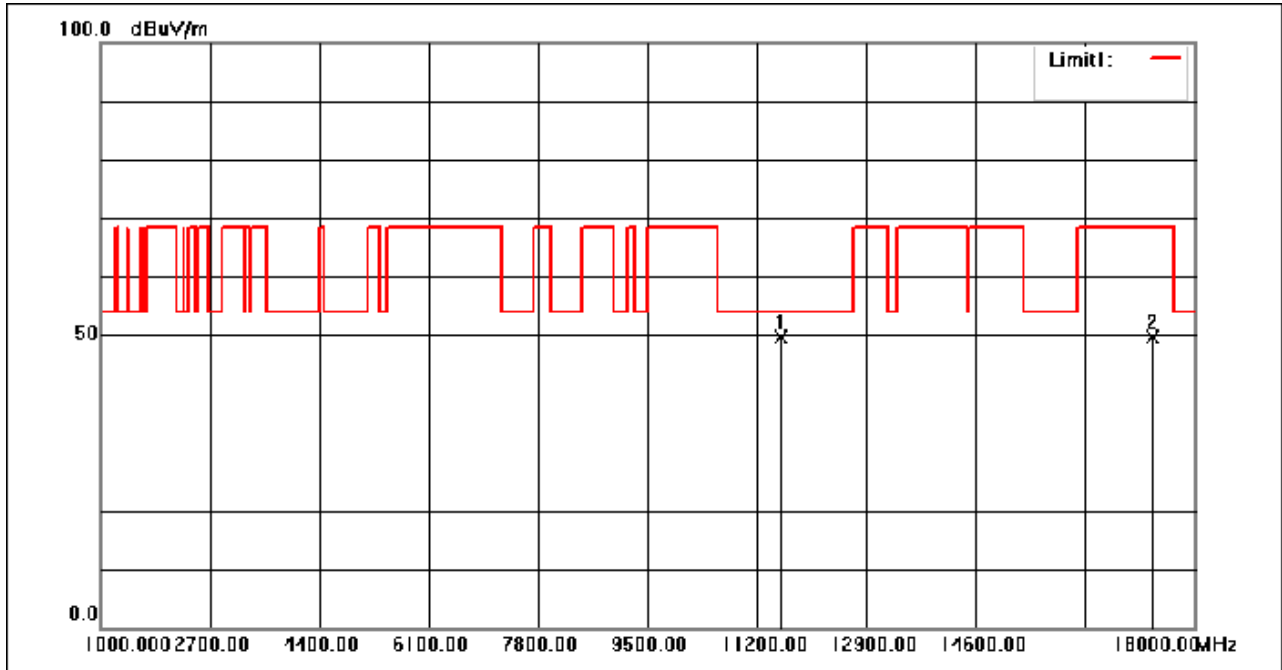
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.99	-2.24	48.75	54.00	-5.25	peak
2	17235.000	50.54	-0.19	50.35	68.30	-17.95	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:middle



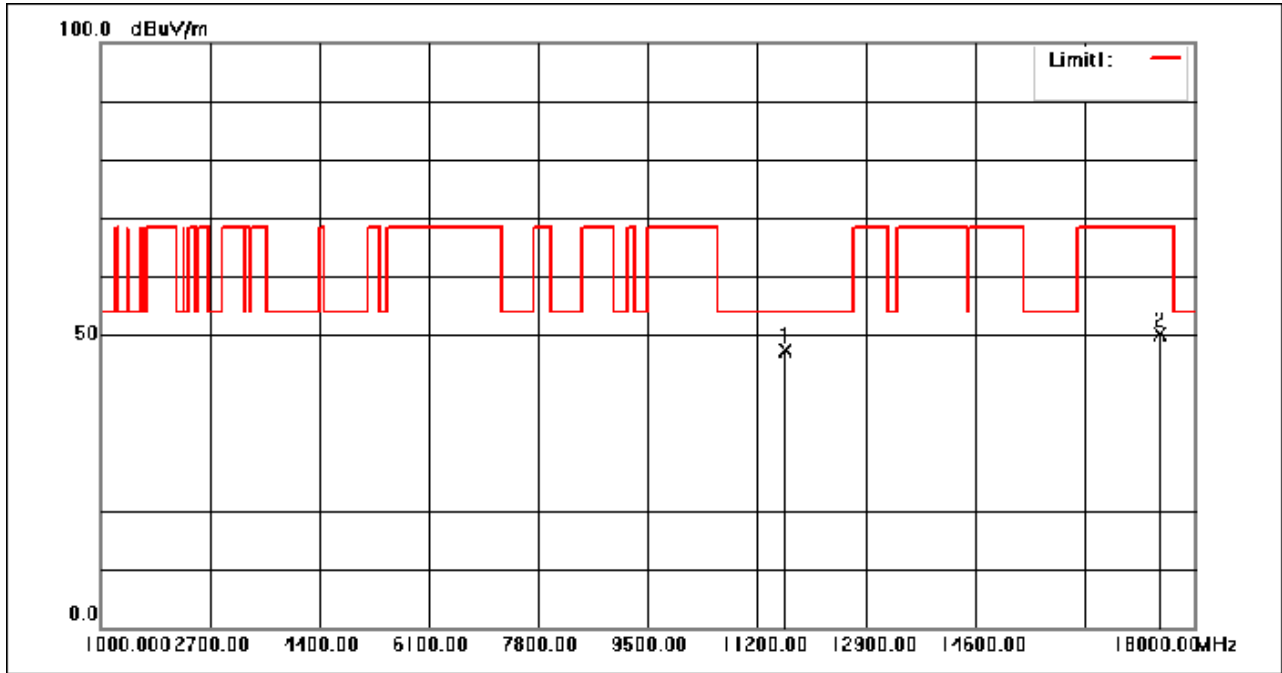
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	49.94	-2.33	47.61	54.00	-6.39	peak
2	17355.000	50.14	-0.29	49.85	68.30	-18.45	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



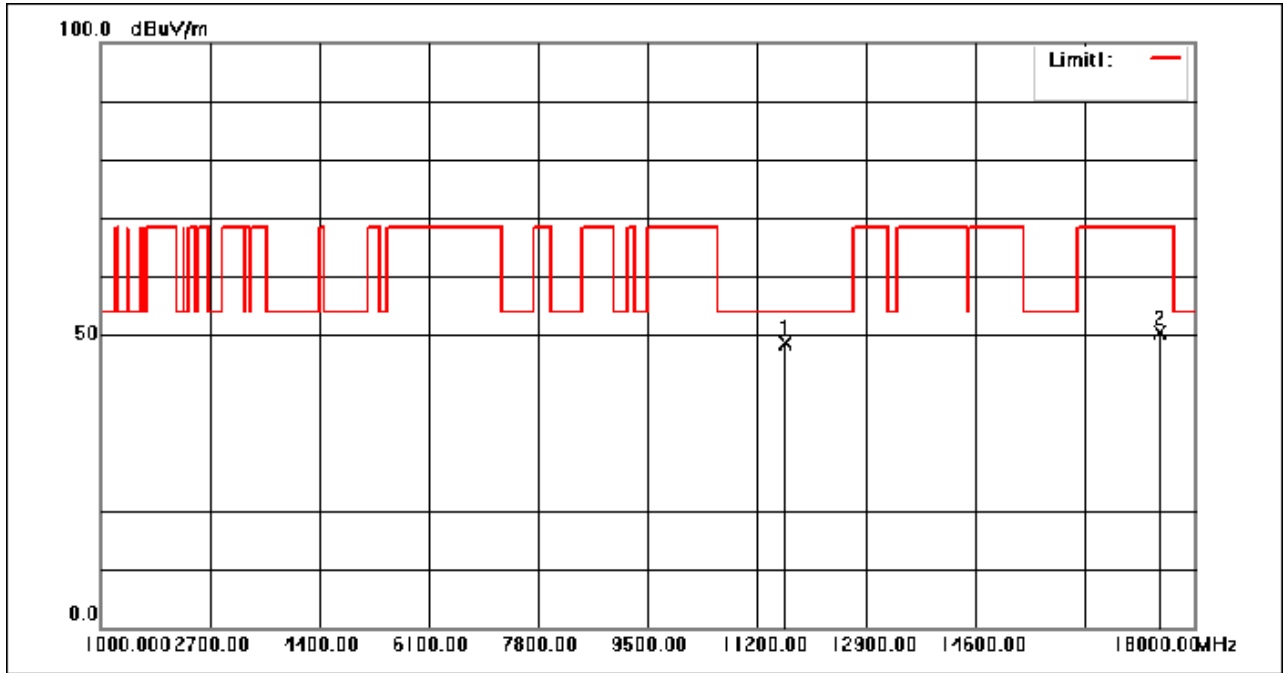
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	51.86	-2.33	49.53	54.00	-4.47	peak
2	17355.000	49.89	-0.29	49.60	68.30	-18.70	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



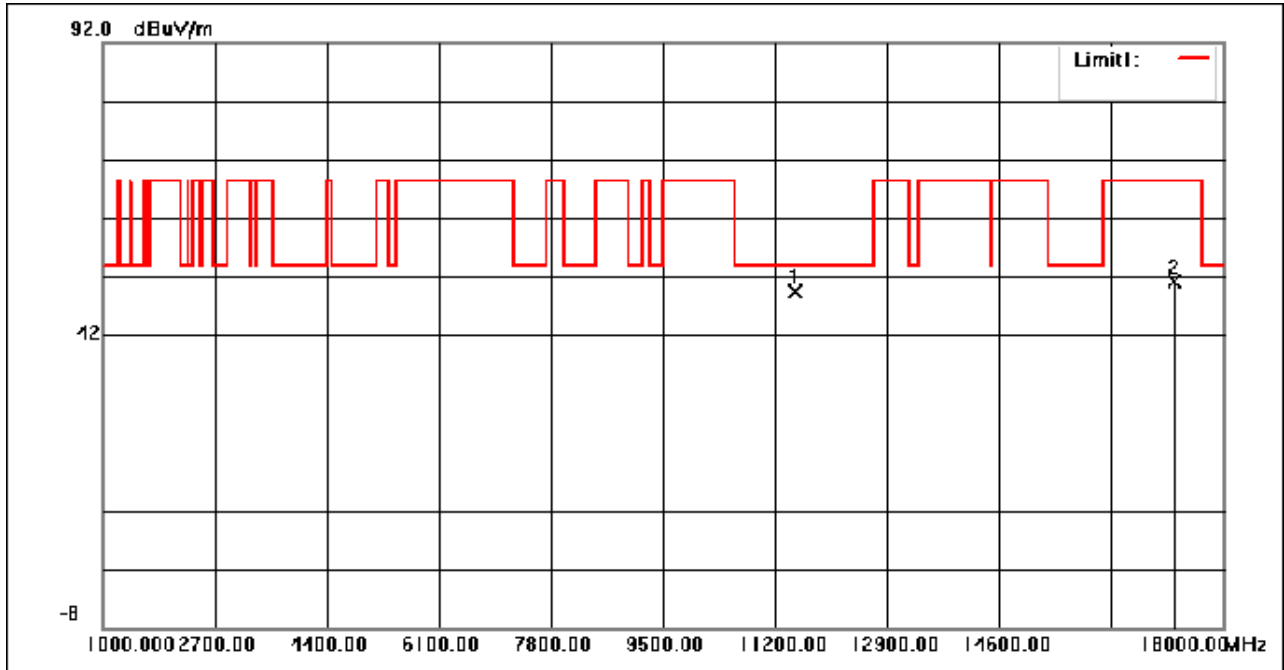
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	49.89	-2.40	47.49	54.00	-6.51	peak
2	17475.000	50.62	-0.39	50.23	68.30	-18.07	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



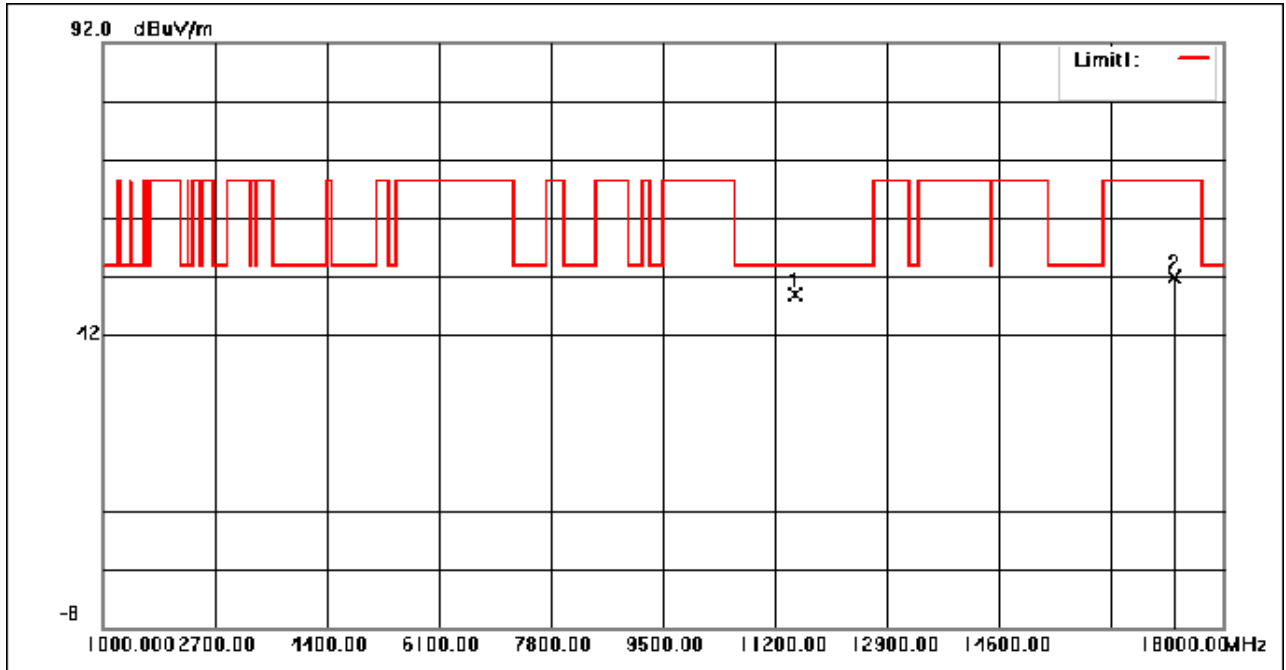
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	51.10	-2.40	48.70	54.00	-5.30	peak
2	17475.000	50.68	-0.39	50.29	68.30	-18.01	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



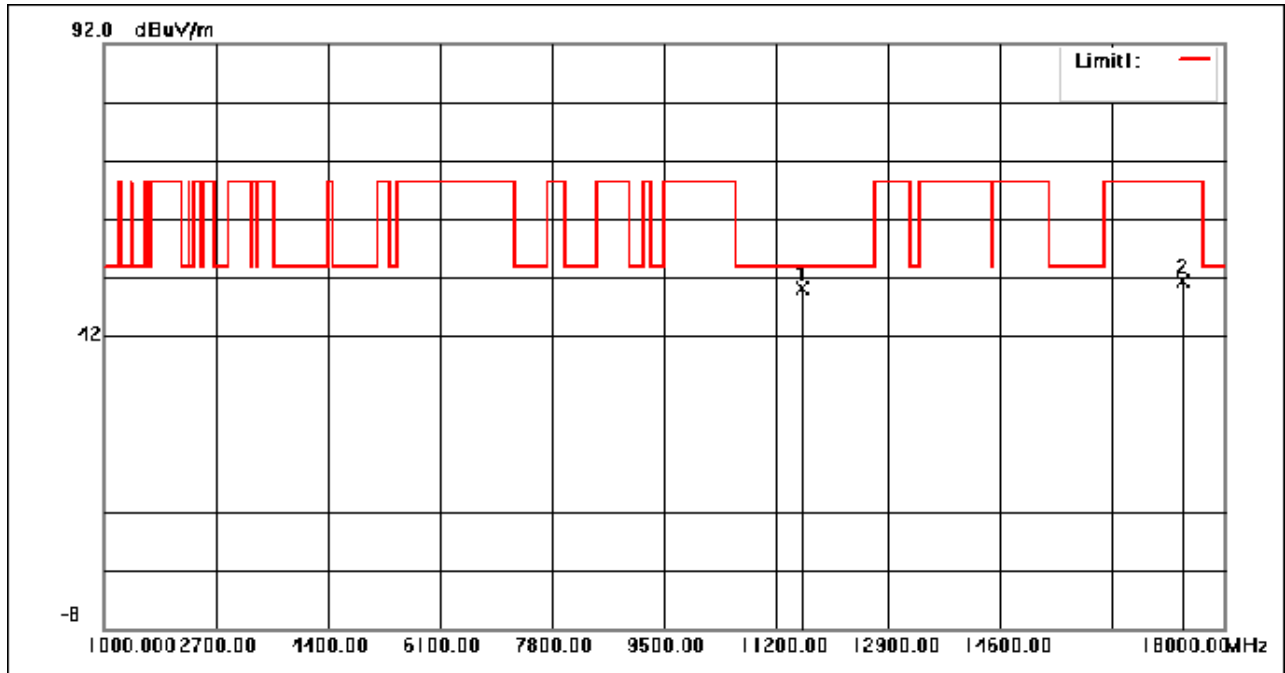
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	51.63	-2.27	49.36	54.00	-4.64	peak
2	17265.000	51.44	-0.22	51.22	68.30	-17.08	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	51.14	-2.27	48.87	54.00	-5.13	peak
2	17265.000	51.98	-0.22	51.76	68.30	-16.54	peak

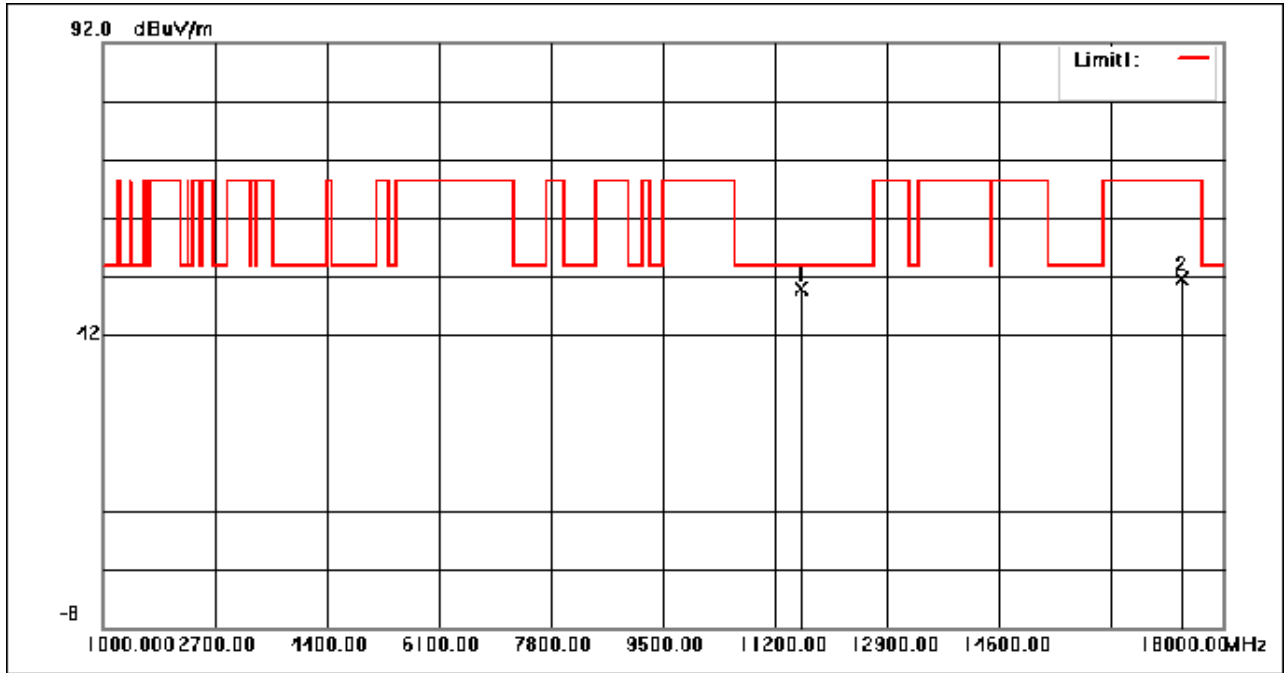
Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	52.37	-2.34	50.03	54.00	-3.97	peak
2	17385.000	51.77	-0.32	51.45	68.30	-16.85	peak

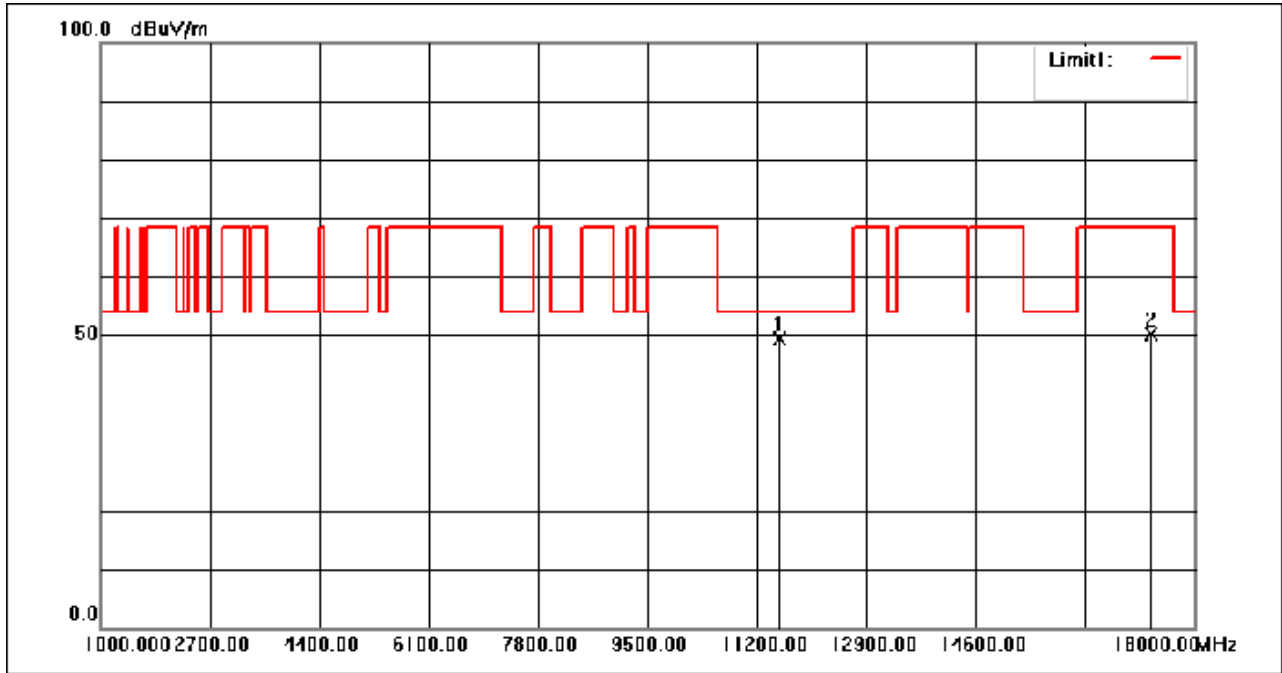


Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



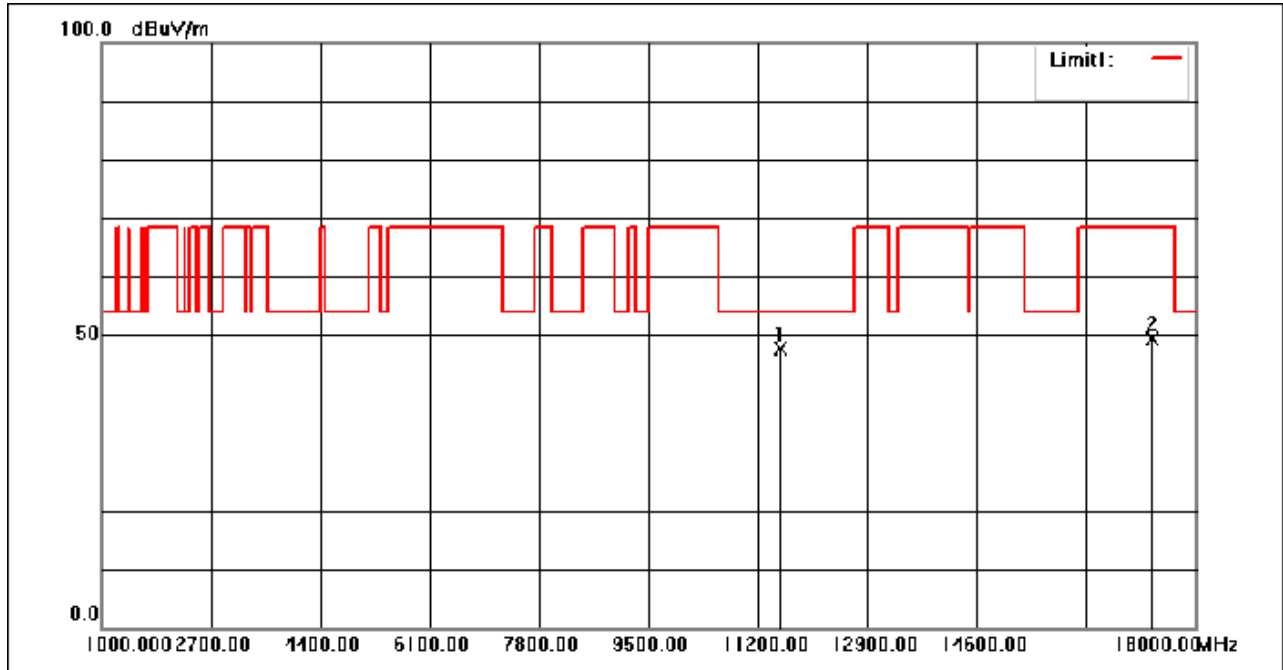
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	52.27	-2.34	49.93	54.00	-4.07	peak
2	17385.000	52.07	-0.32	51.75	68.30	-16.55	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	51.73	-2.31	49.42	54.00	-4.58	peak
2	17325.000	50.39	-0.27	50.12	68.30	-18.18	peak

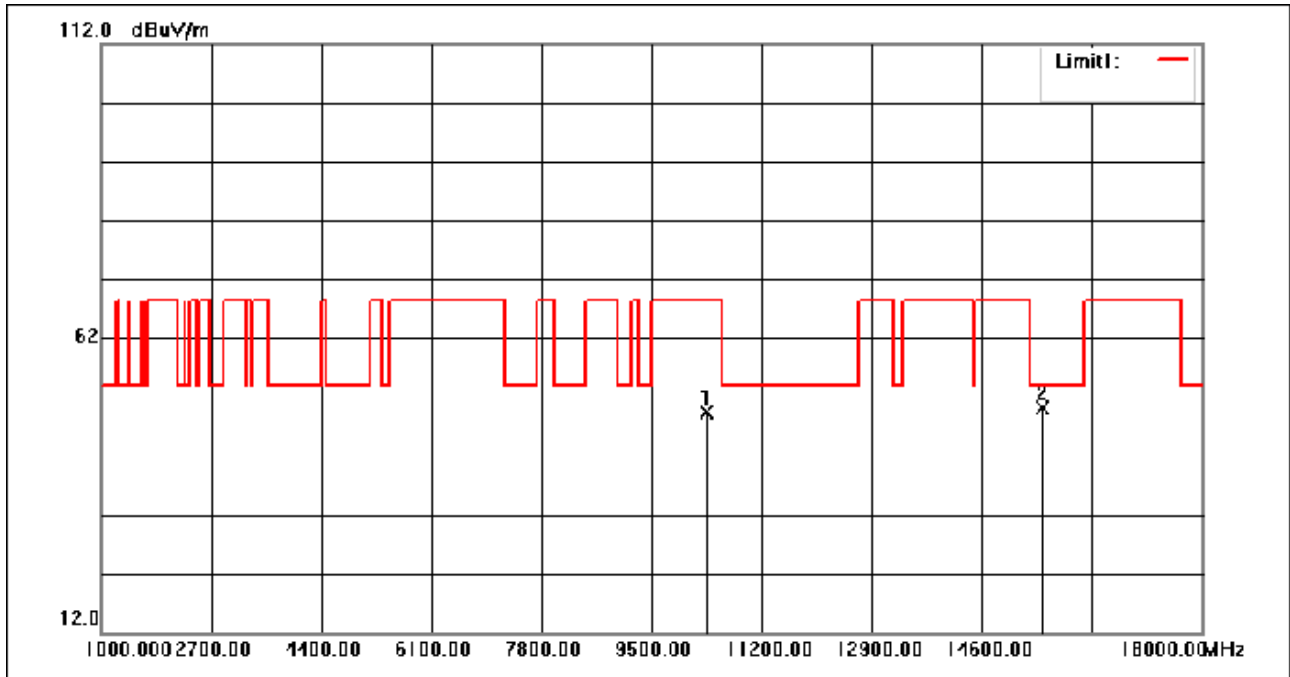
Mode:f; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	49.90	-2.31	47.59	54.00	-6.41	peak
2	17325.000	49.58	-0.27	49.31	68.30	-18.99	peak

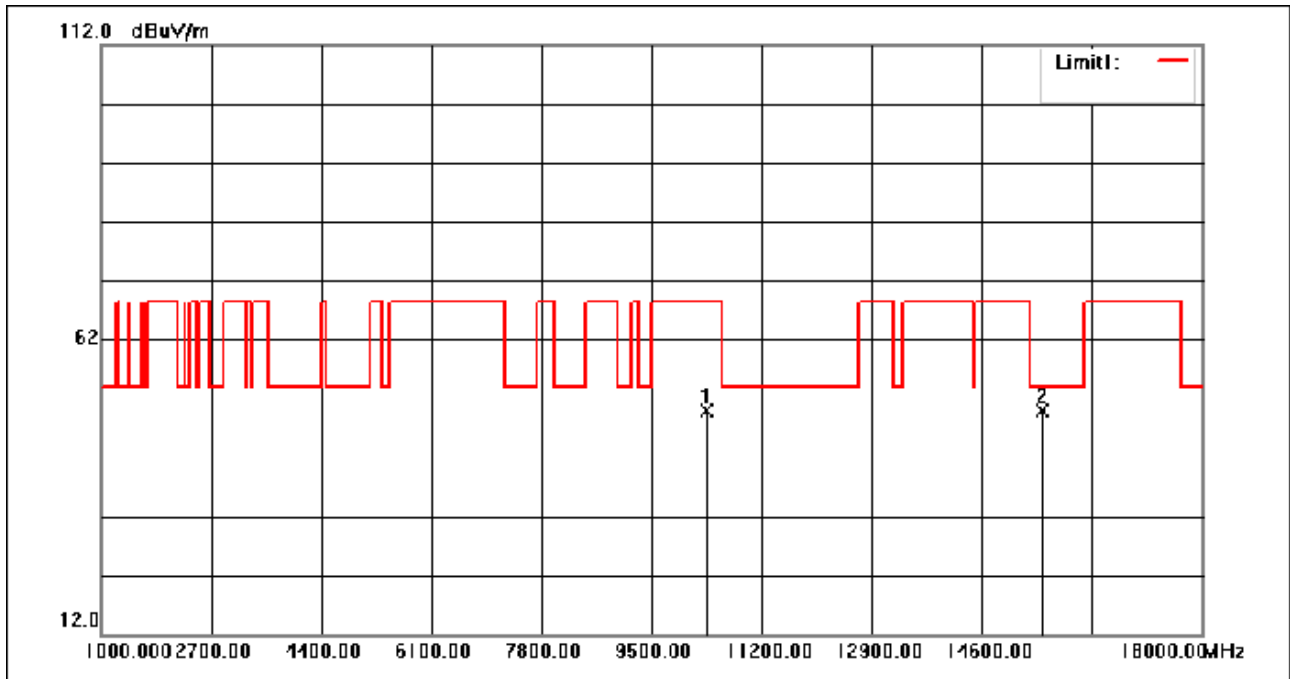
Adapter2

Mode:g; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



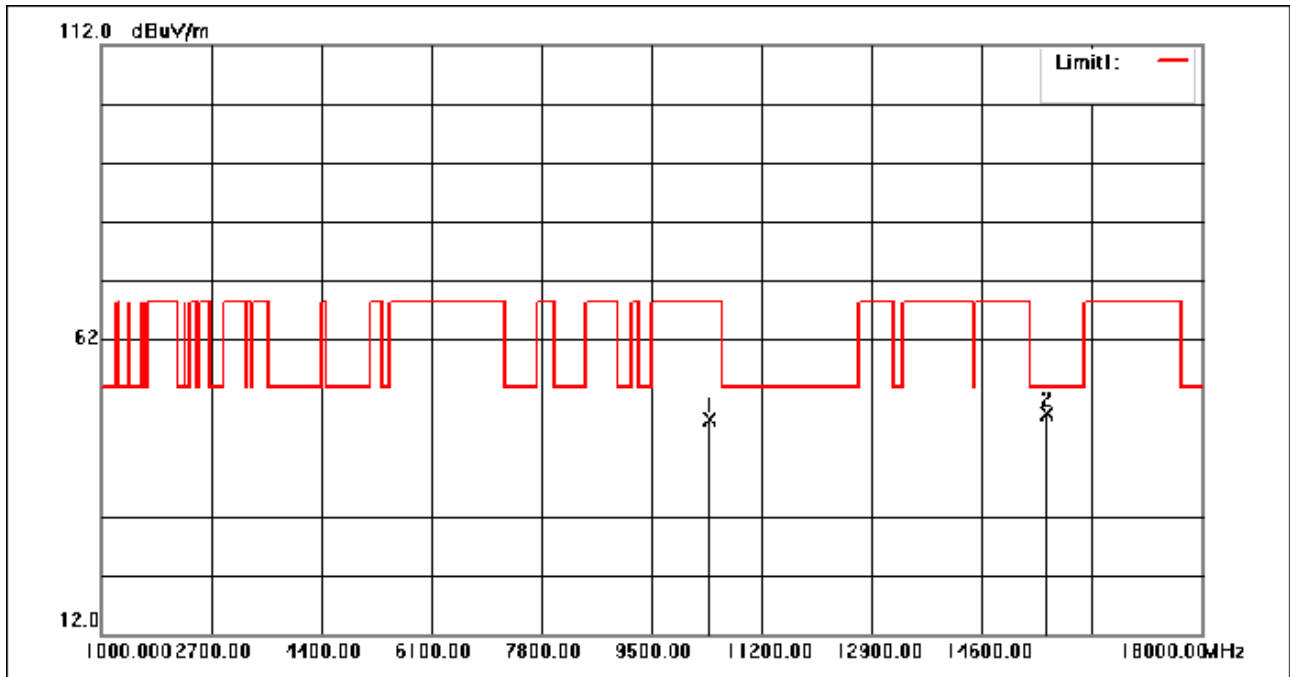
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	51.99	-2.59	49.40	68.30	-18.90	peak
2	15540.000	50.36	-0.30	50.06	54.00	-3.94	peak

Mode:g; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



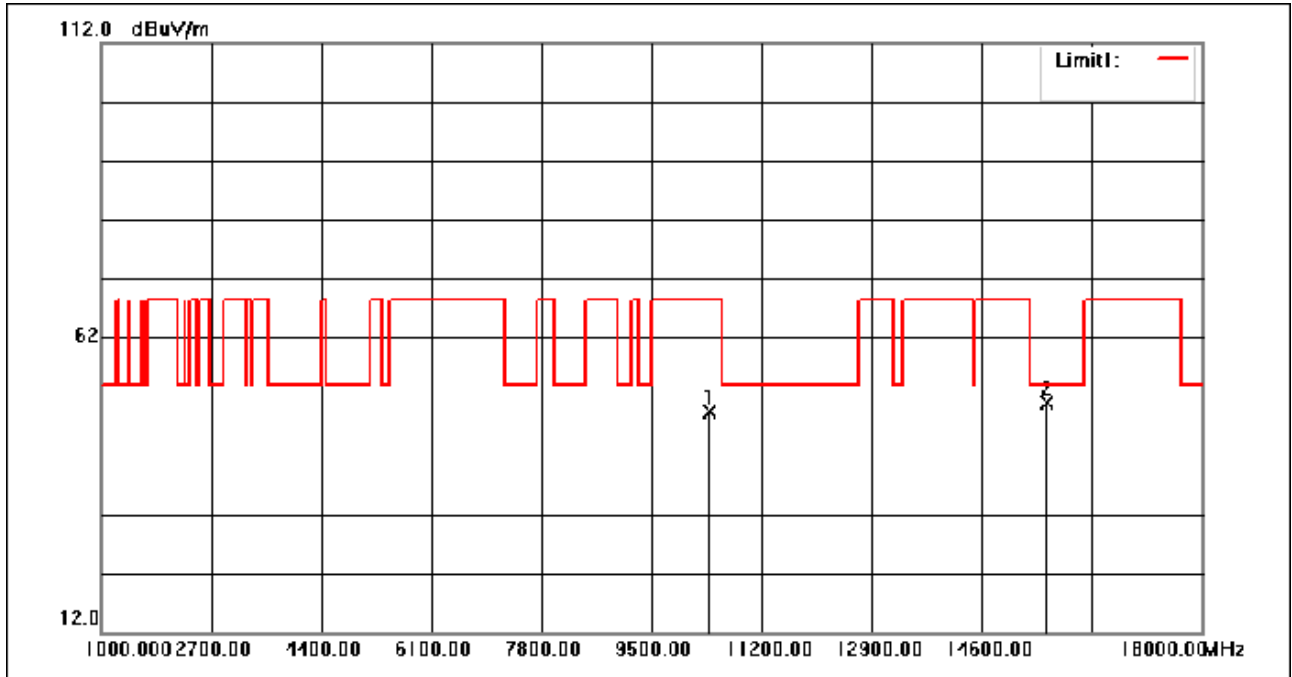
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	52.48	-2.59	49.89	68.30	-18.41	peak
2	15540.000	50.11	-0.30	49.81	54.00	-4.19	peak

Mode:g; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



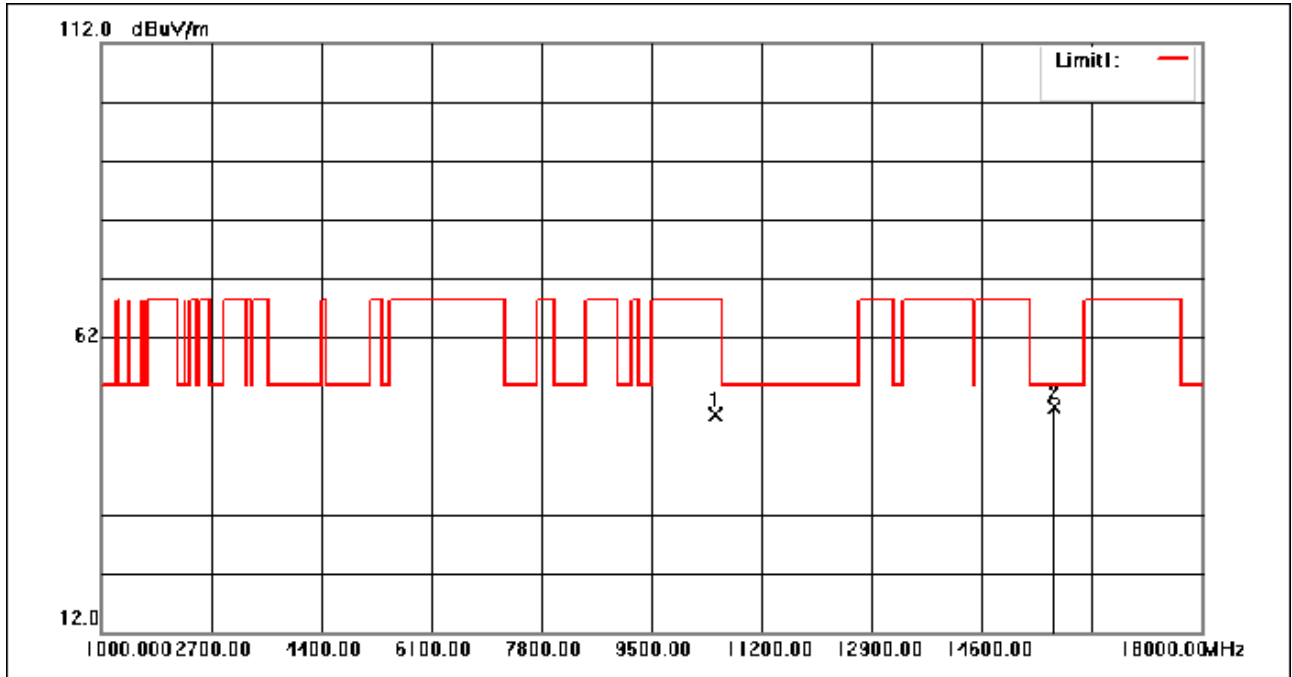
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.90	-2.53	48.37	68.30	-19.93	peak
2	15600.000	49.78	-0.35	49.43	54.00	-4.57	peak

Mode:g; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	51.83	-2.53	49.30	68.30	-19.00	peak
2	15600.000	51.17	-0.35	50.82	54.00	-3.18	peak

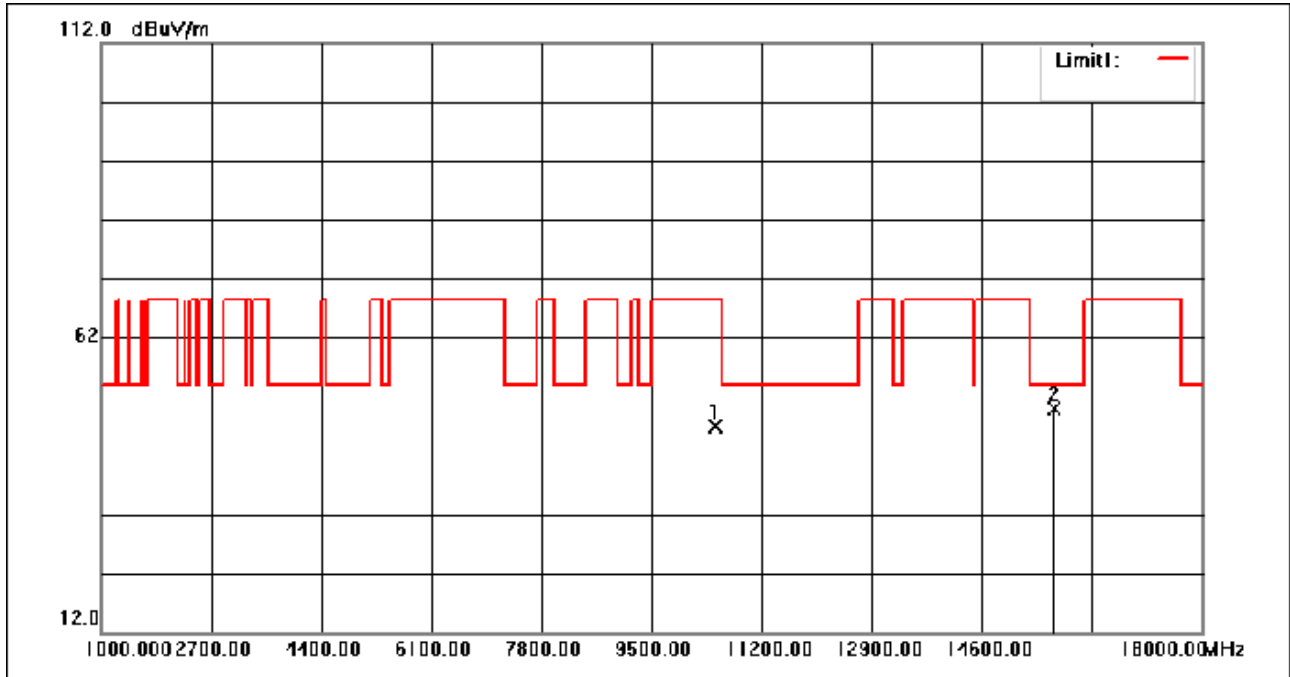
Mode:g; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.19	-2.41	48.78	68.30	-19.52	peak
2	15720.000	50.48	-0.44	50.04	54.00	-3.96	peak

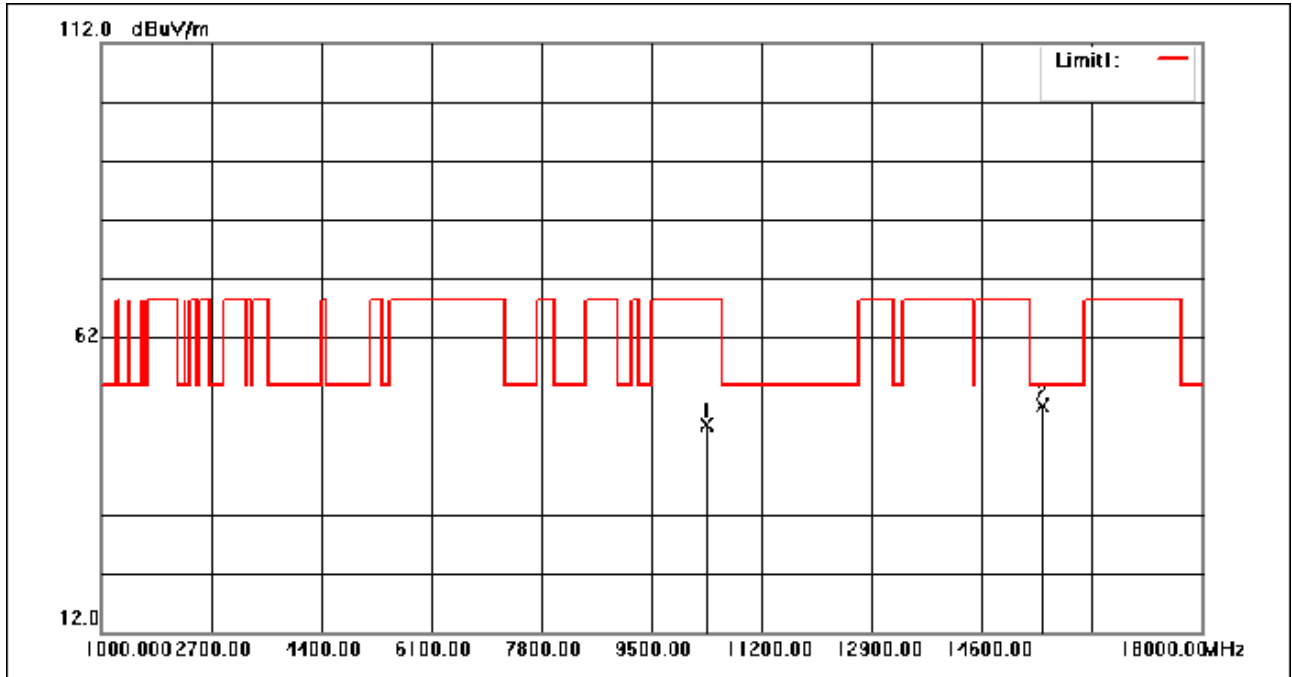


Mode:g; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



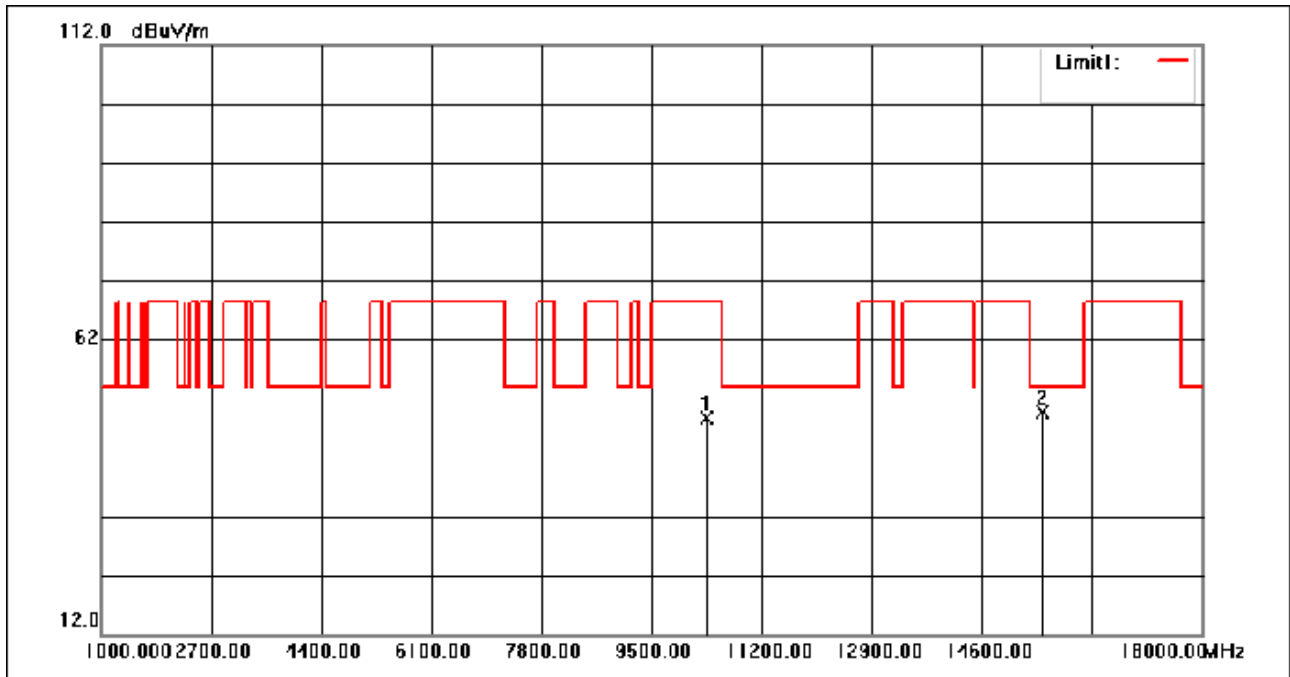
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	49.41	-2.41	47.00	68.30	-21.30	peak
2	15720.000	50.41	-0.44	49.97	54.00	-4.03	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



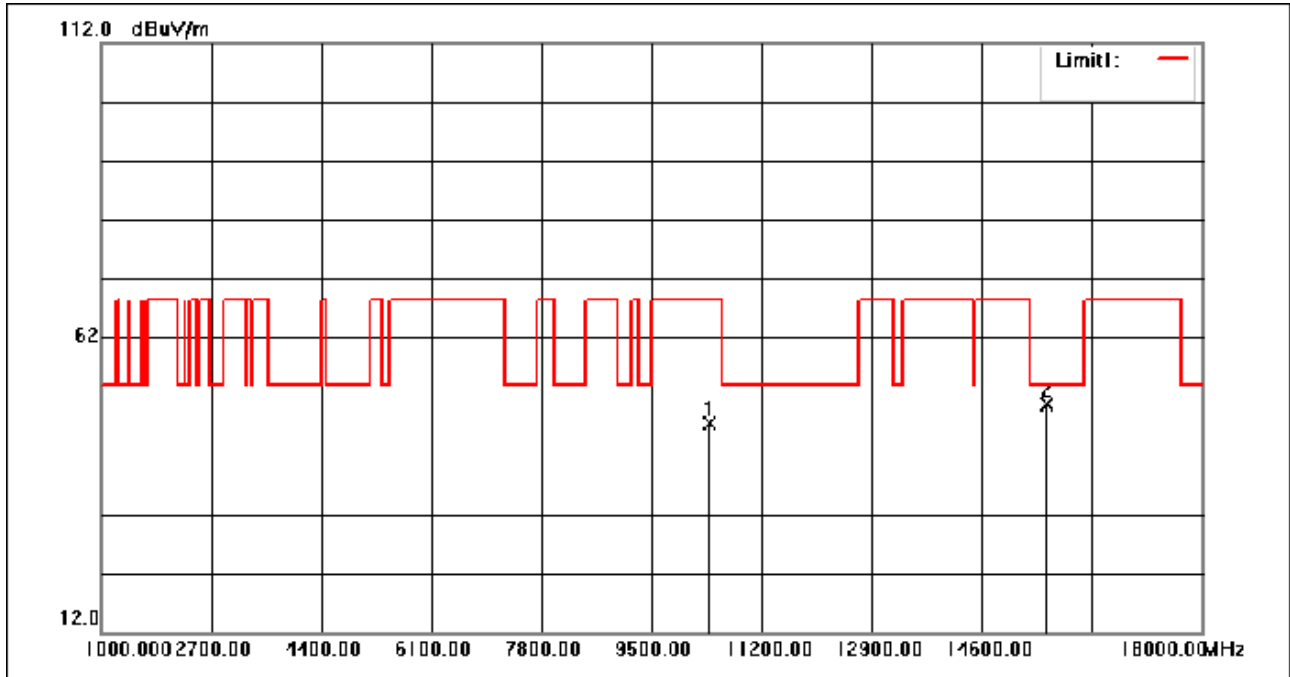
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	49.80	-2.59	47.21	68.30	-21.09	peak
2	15540.000	50.56	-0.30	50.26	54.00	-3.74	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



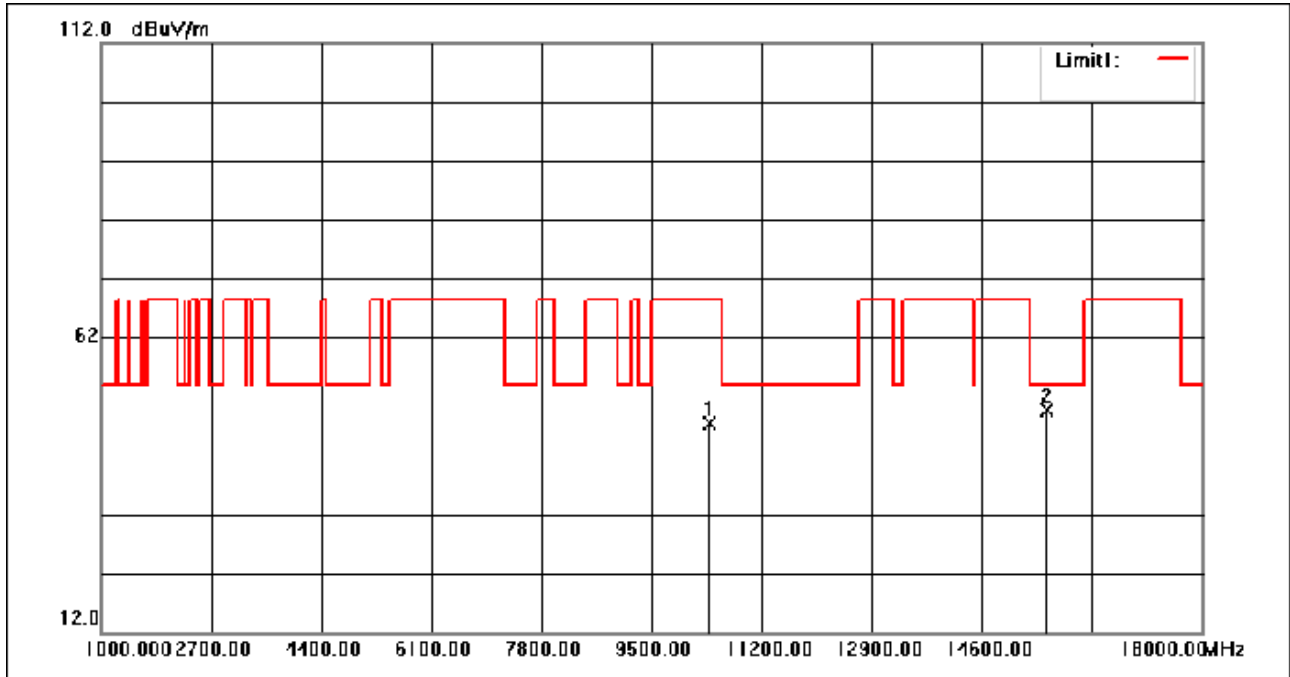
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	51.28	-2.59	48.69	68.30	-19.61	peak
2	15540.000	50.00	-0.30	49.70	54.00	-4.30	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



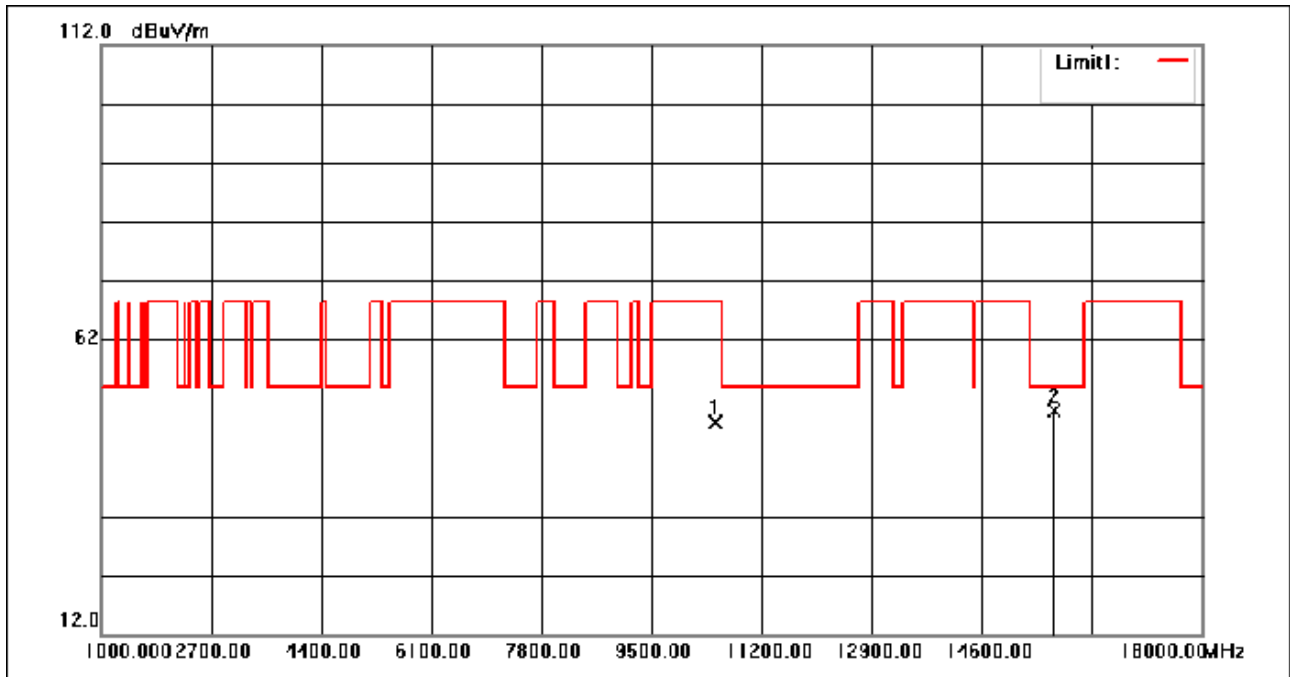
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	49.88	-2.53	47.35	68.30	-20.95	peak
2	15600.000	51.09	-0.35	50.74	54.00	-3.26	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



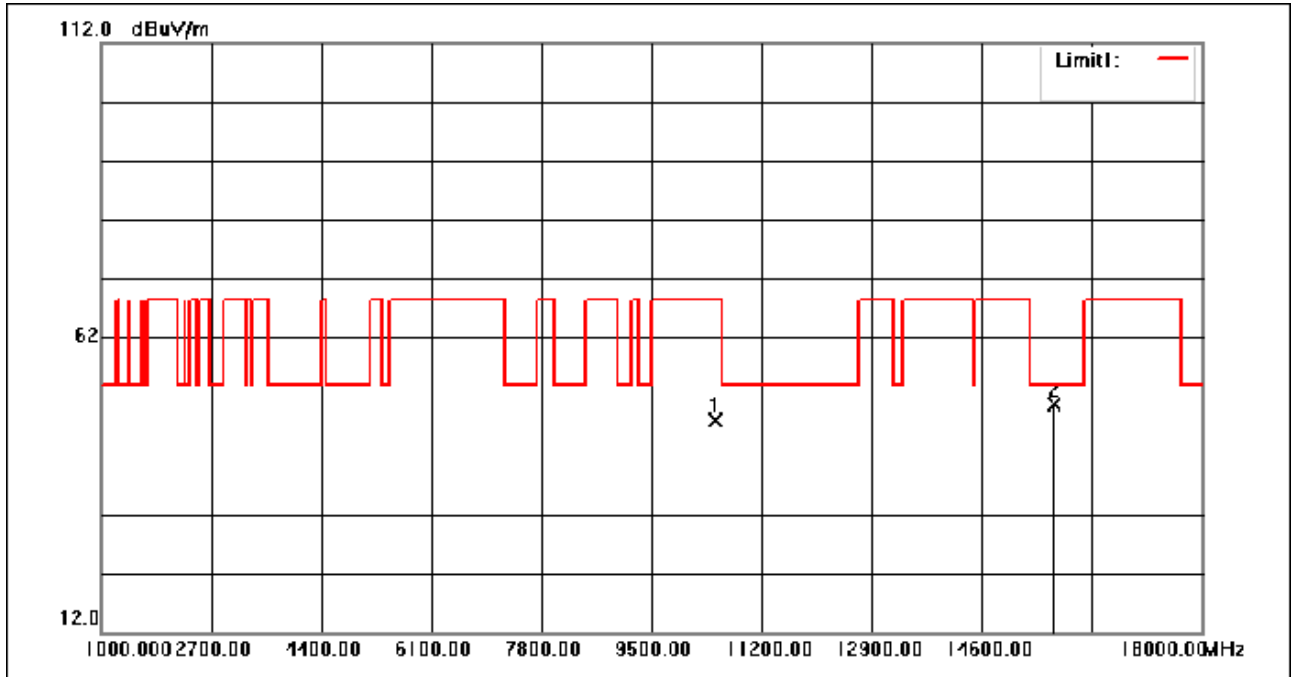
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	49.93	-2.53	47.40	68.30	-20.90	peak
2	15600.000	49.99	-0.35	49.64	54.00	-4.36	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



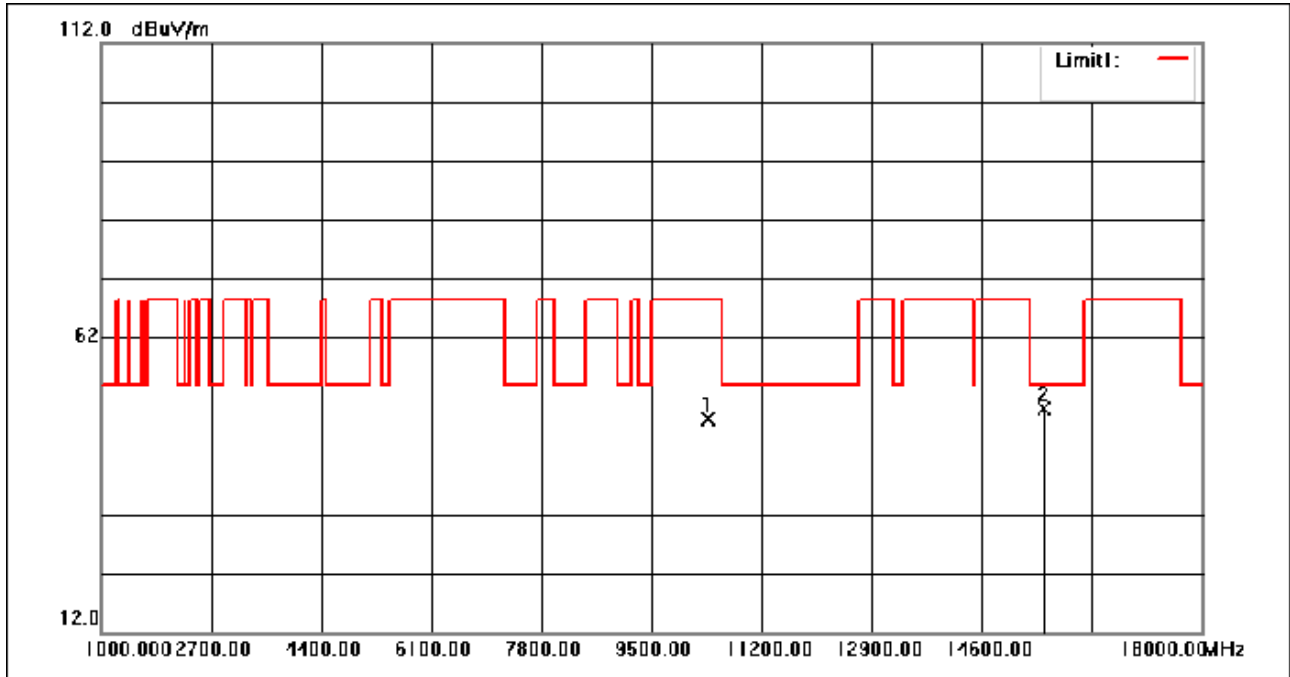
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.22	-2.41	47.81	68.30	-20.49	peak
2	15720.000	50.22	-0.44	49.78	54.00	-4.22	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.19	-2.41	47.78	68.30	-20.52	peak
2	15720.000	51.18	-0.44	50.74	54.00	-3.26	peak

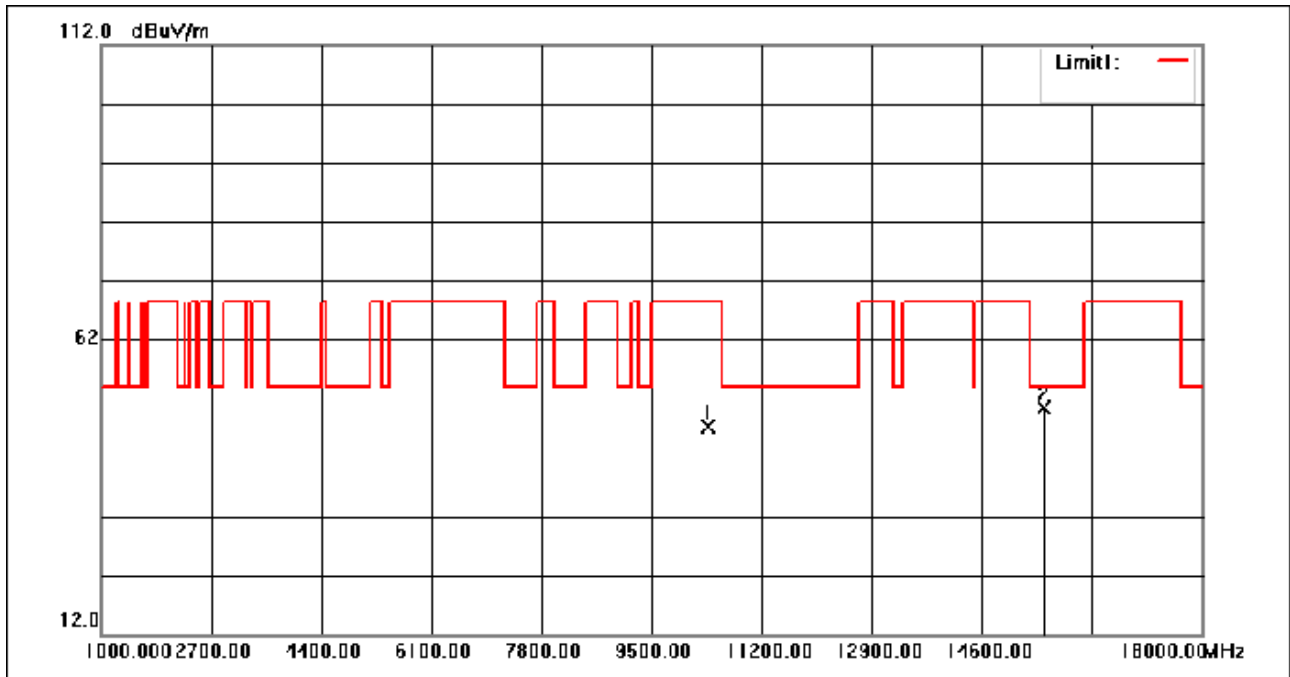
Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.66	-2.56	48.10	68.30	-20.20	peak
2	15570.000	50.17	-0.32	49.85	54.00	-4.15	peak

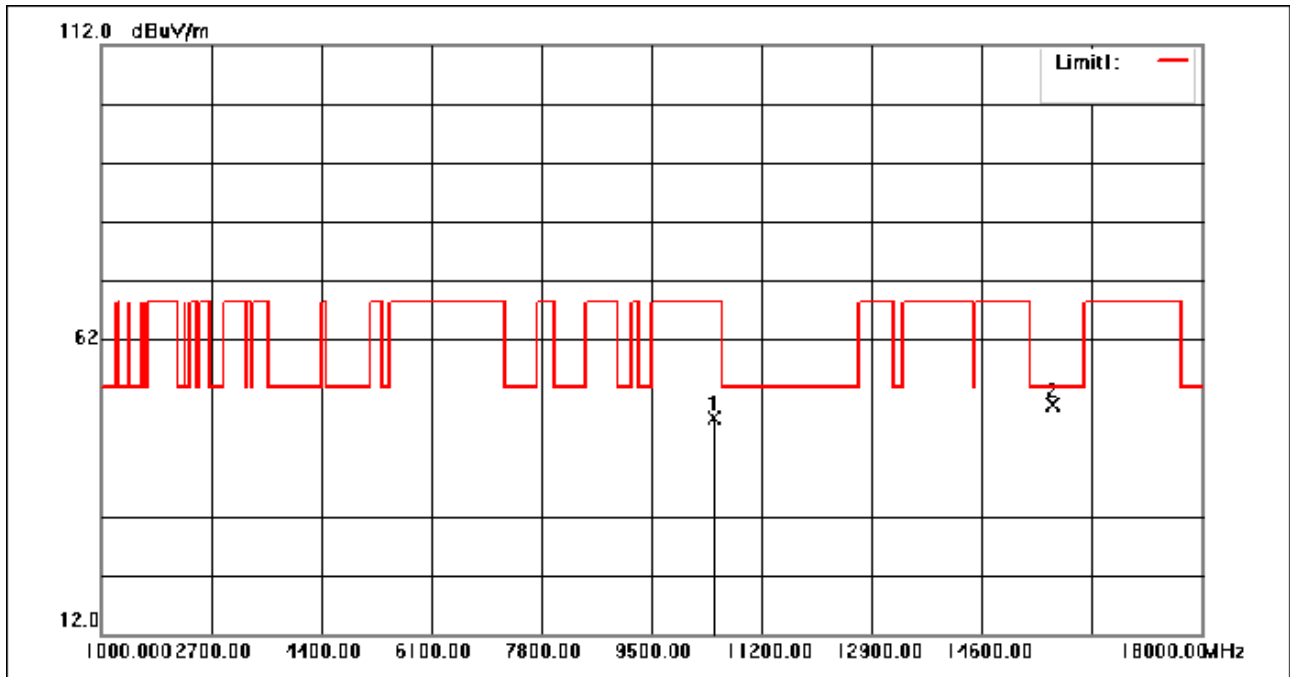


Mode:g; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



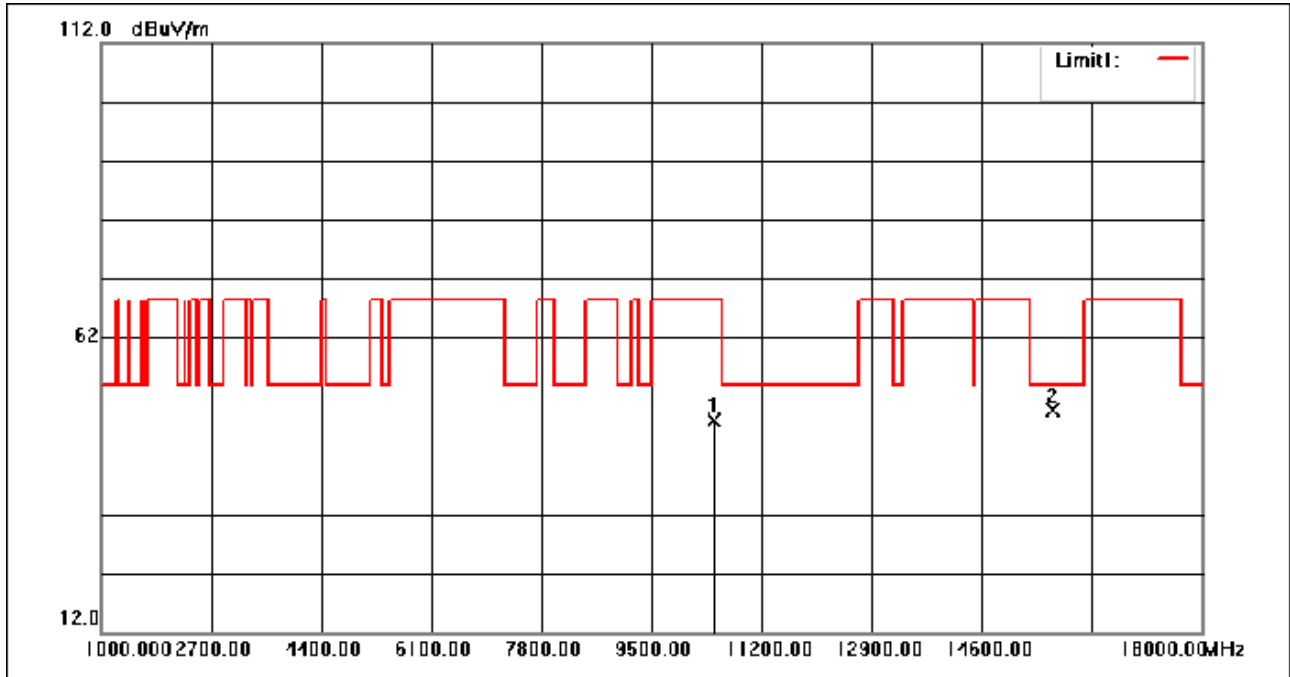
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	49.70	-2.56	47.14	68.30	-21.16	peak
2	15570.000	50.65	-0.32	50.33	54.00	-3.67	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



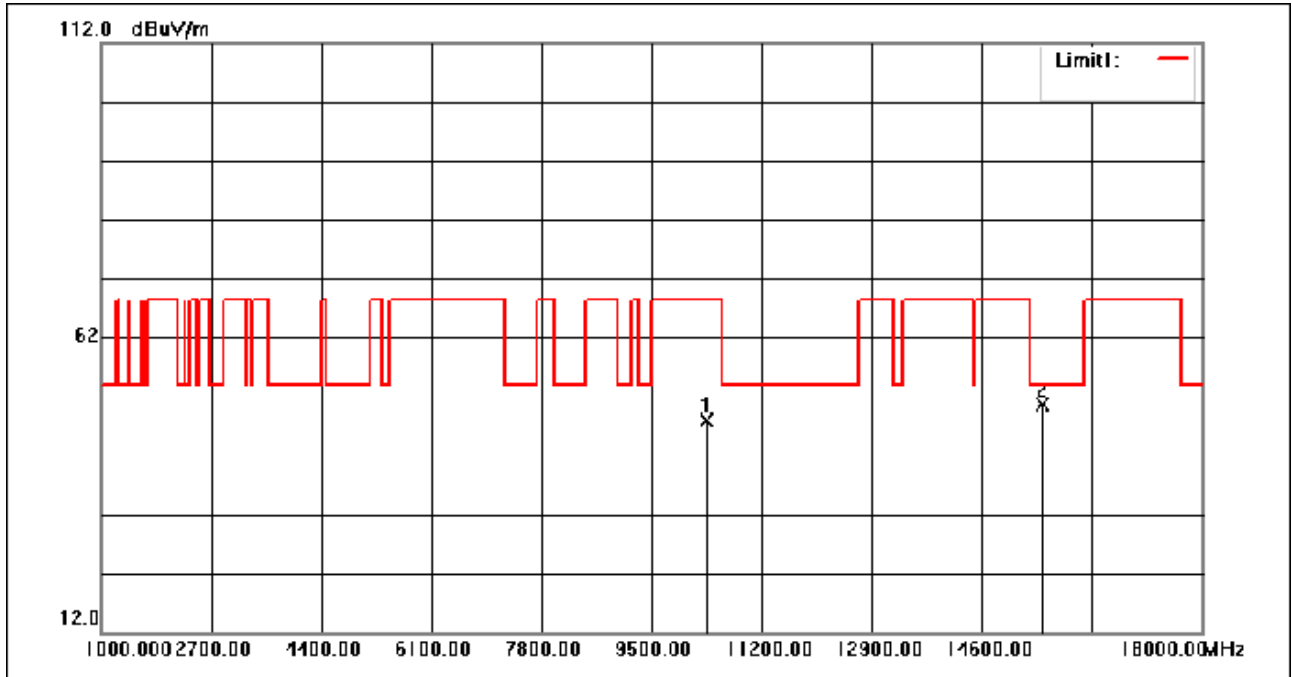
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	51.08	-2.44	48.64	68.30	-19.66	peak
2	15690.000	51.25	-0.42	50.83	54.00	-3.17	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



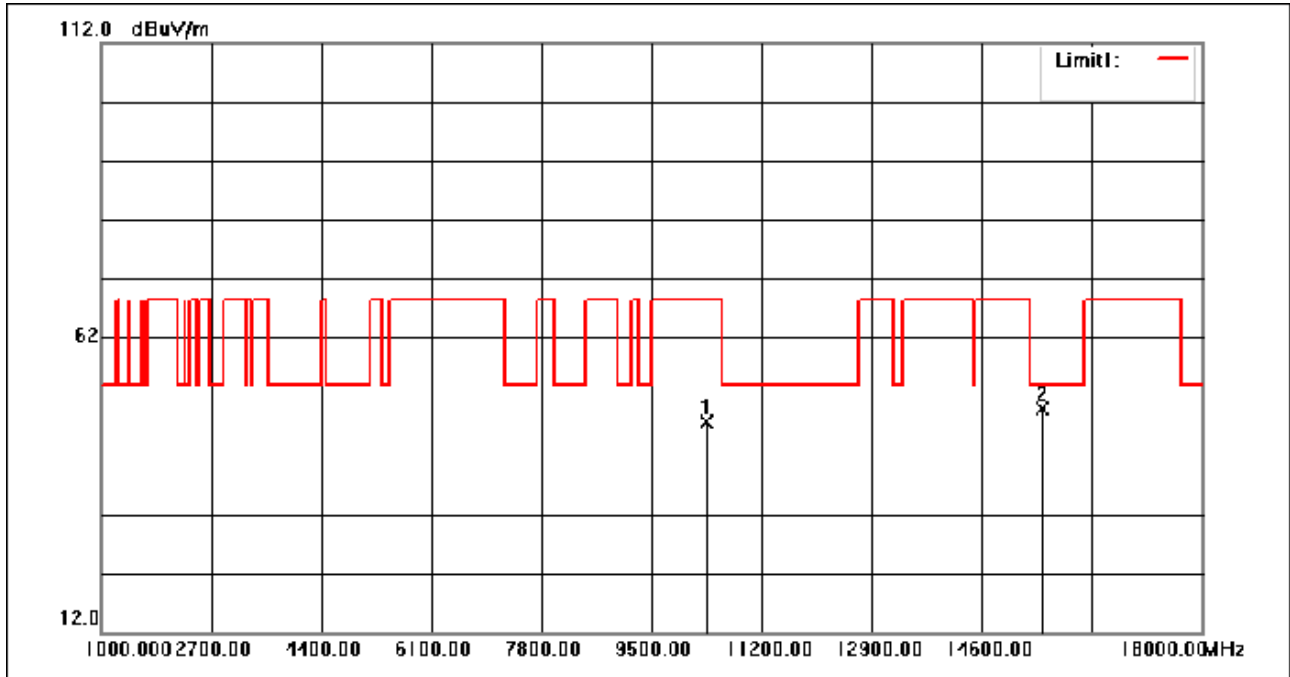
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.28	-2.44	47.84	68.30	-20.46	peak
2	15690.000	50.13	-0.42	49.71	54.00	-4.29	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



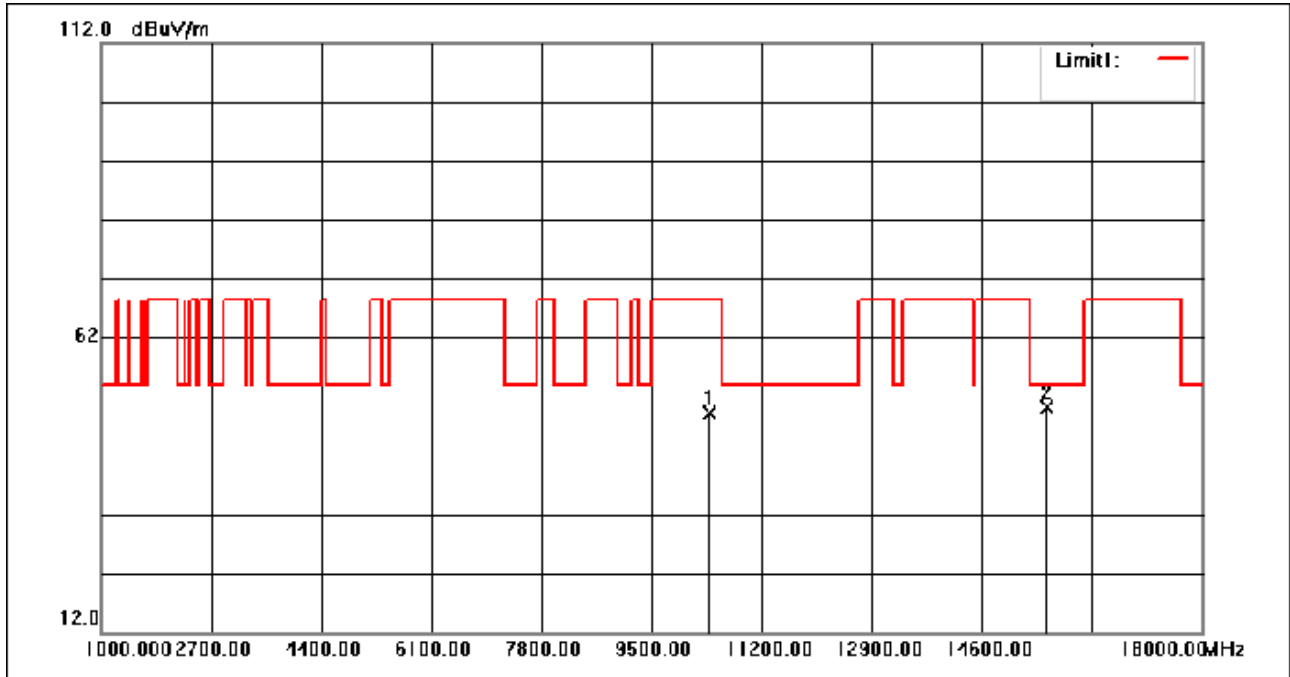
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.51	-2.59	47.92	68.30	-20.38	peak
2	15540.000	50.92	-0.30	50.62	54.00	-3.38	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



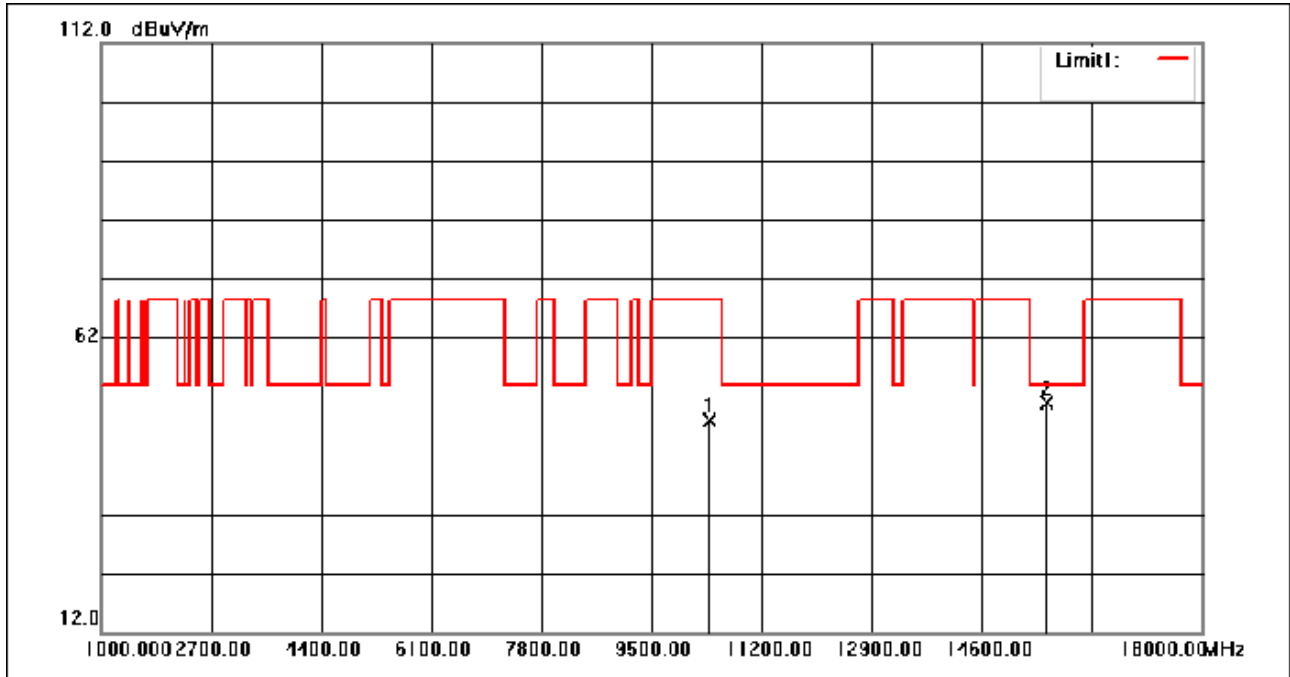
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.17	-2.59	47.58	68.30	-20.72	peak
2	15540.000	50.23	-0.30	49.93	54.00	-4.07	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:middle



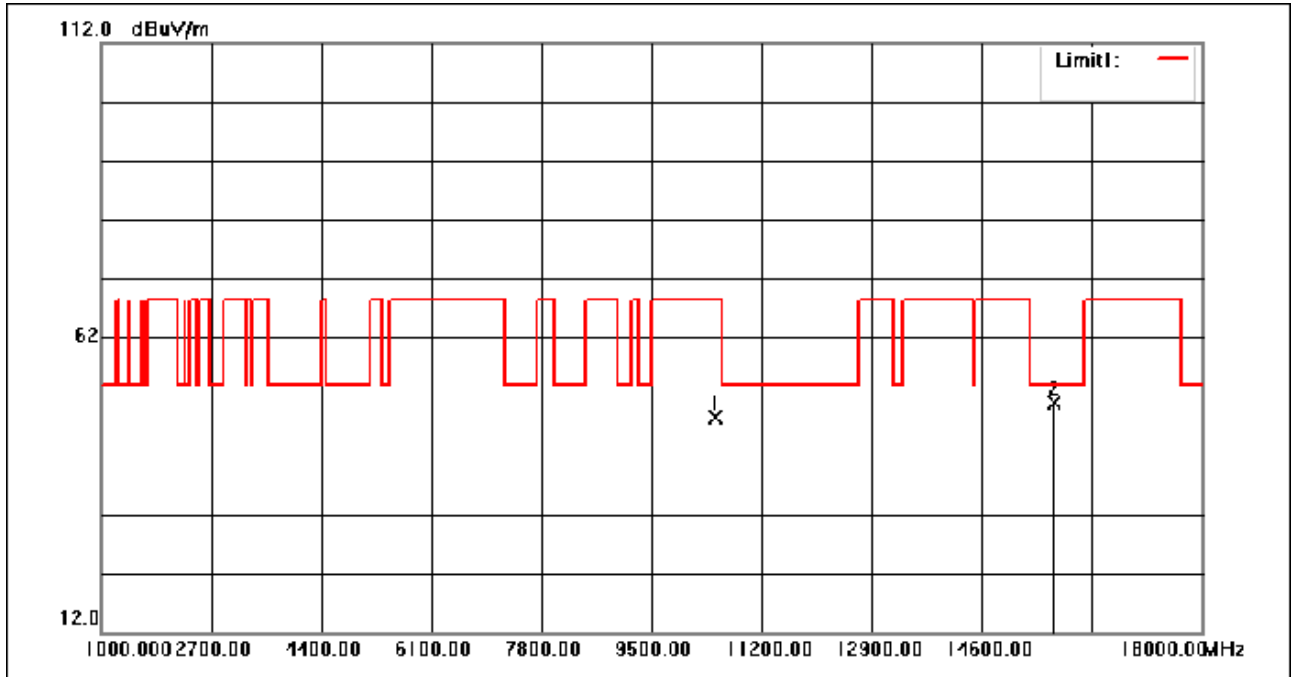
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	51.69	-2.53	49.16	68.30	-19.14	peak
2	15600.000	50.39	-0.35	50.04	54.00	-3.96	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.42	-2.53	47.89	68.30	-20.41	peak
2	15600.000	51.33	-0.35	50.98	54.00	-3.02	peak

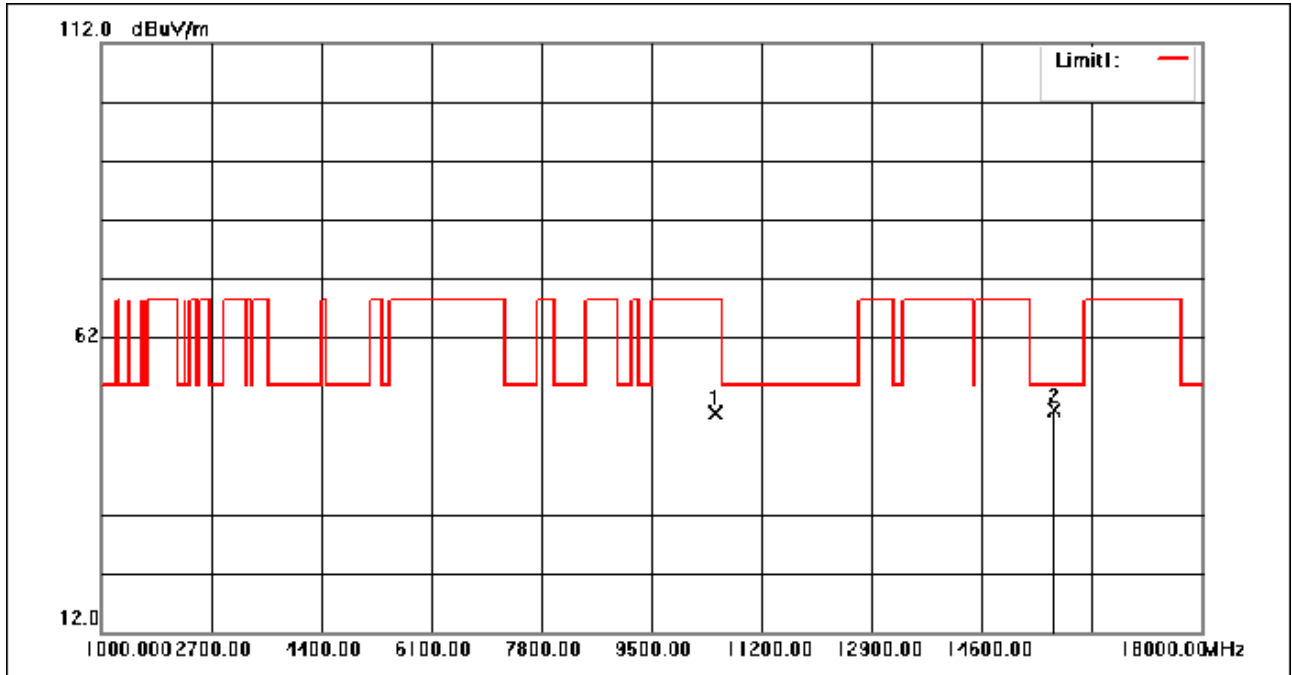
Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.83	-2.41	48.42	68.30	-19.88	peak
2	15720.000	51.25	-0.44	50.81	54.00	-3.19	peak

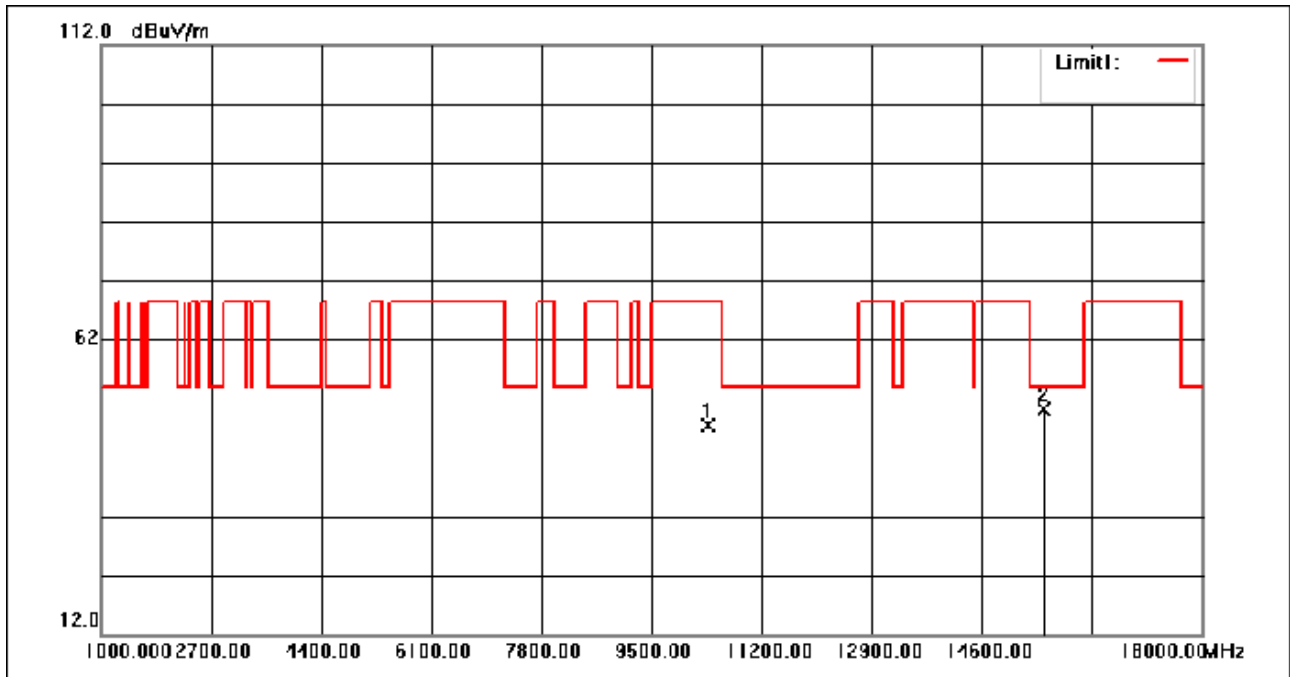


Mode:g; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



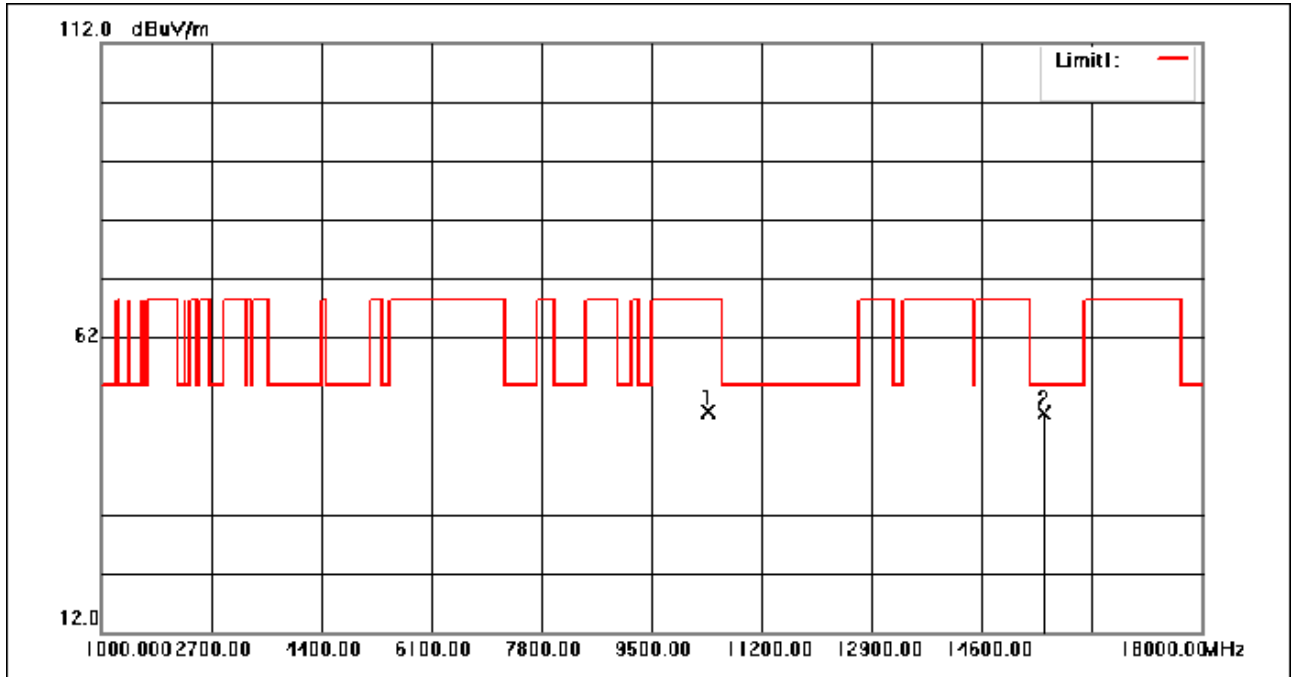
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.61	-2.41	49.20	68.30	-19.10	peak
2	15720.000	50.10	-0.44	49.66	54.00	-4.34	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



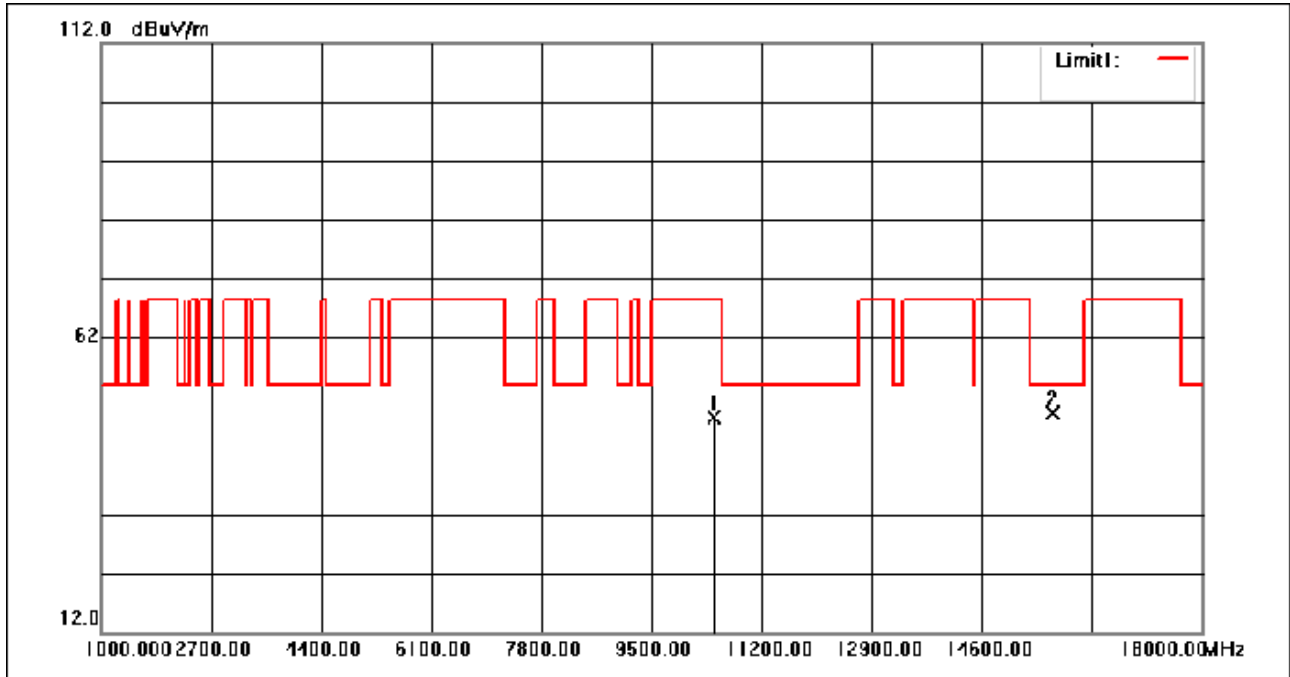
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.03	-2.56	47.47	68.30	-20.83	peak
2	15570.000	50.33	-0.32	50.01	54.00	-3.99	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



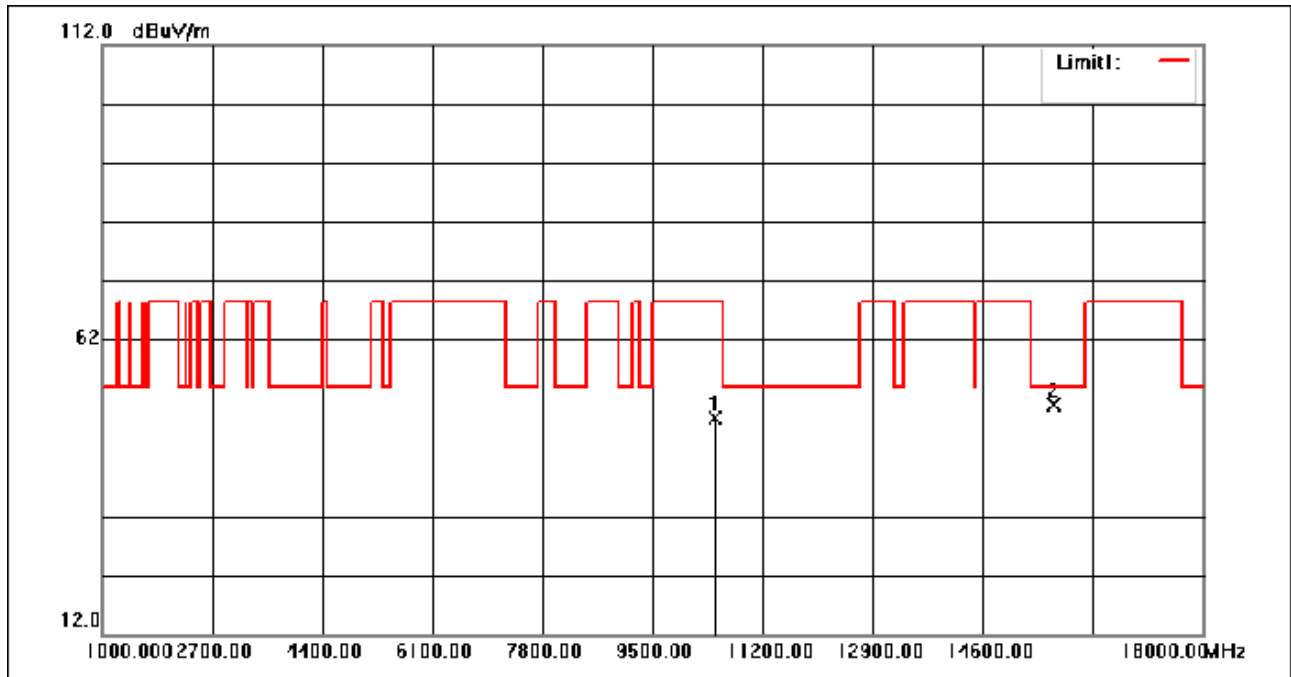
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	51.96	-2.56	49.40	68.30	-18.90	peak
2	15570.000	49.41	-0.32	49.09	54.00	-4.91	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



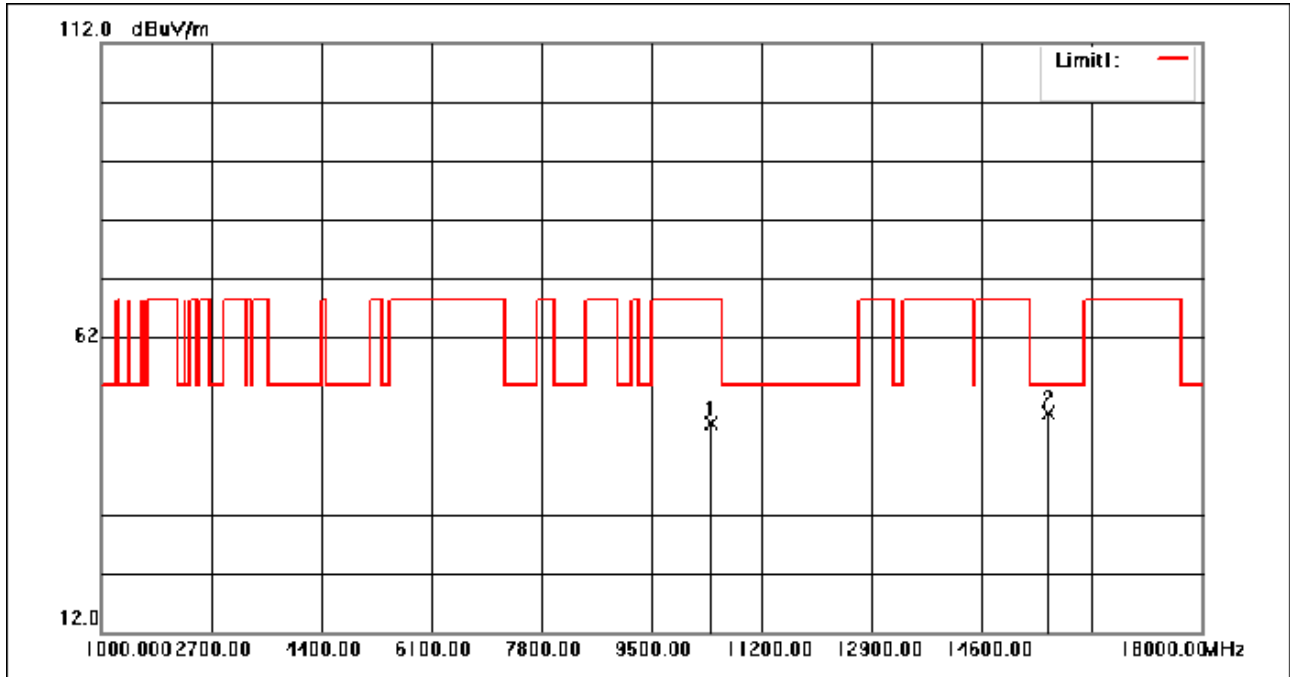
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.87	-2.44	48.43	68.30	-19.87	peak
2	15690.000	49.53	-0.42	49.11	54.00	-4.89	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



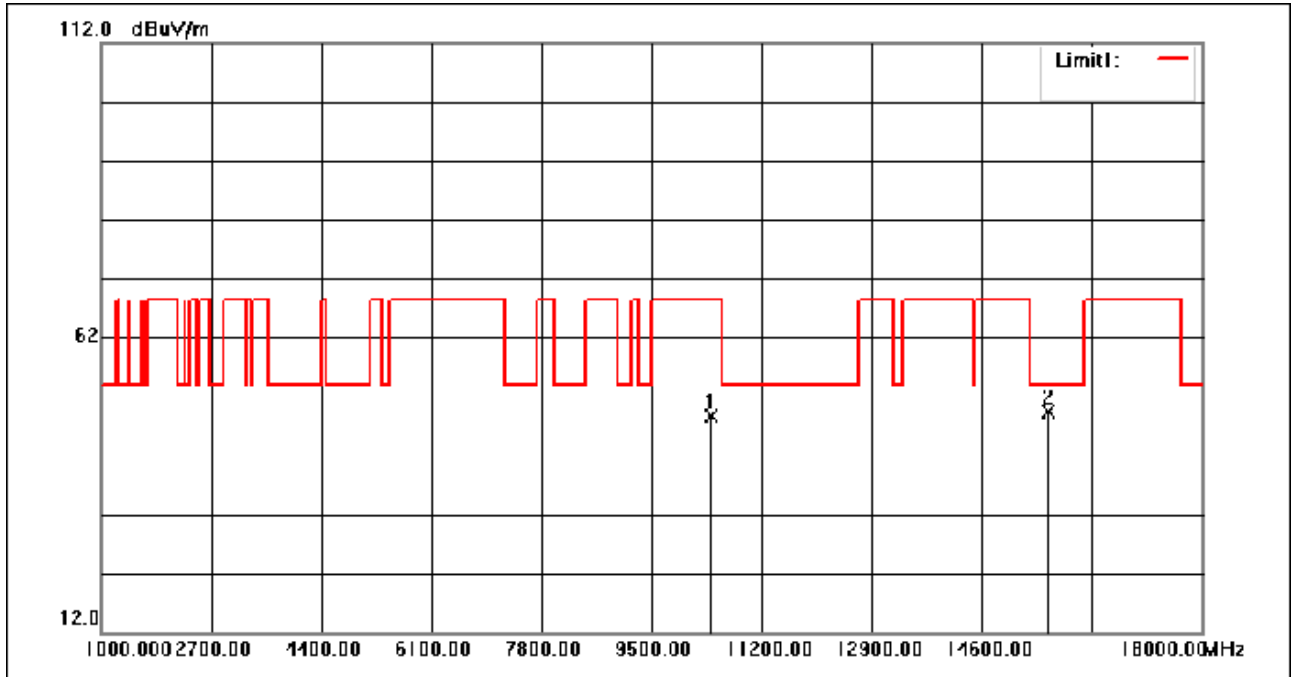
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	51.07	-2.44	48.63	68.30	-19.67	peak
2	15690.000	51.33	-0.42	50.91	54.00	-3.09	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



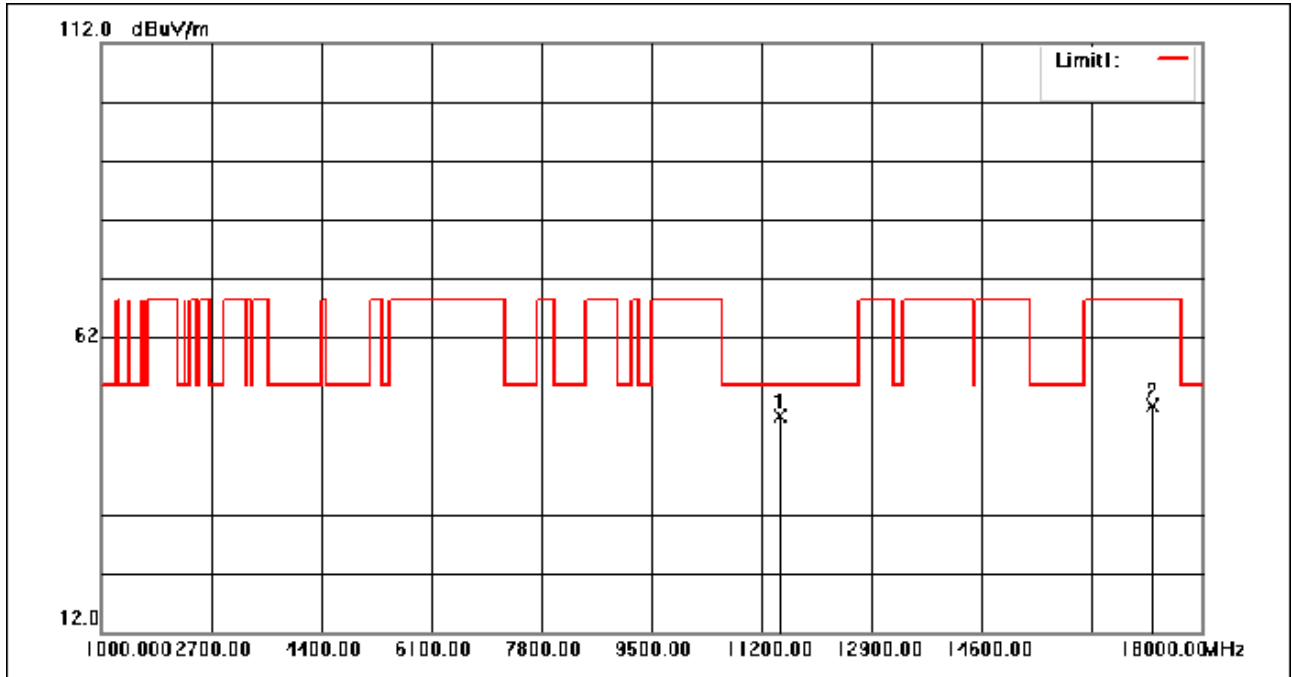
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	49.79	-2.50	47.29	68.30	-21.01	peak
2	15630.000	49.54	-0.37	49.17	54.00	-4.83	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	51.24	-2.50	48.74	68.30	-19.56	peak
2	15630.000	49.71	-0.37	49.34	54.00	-4.66	peak

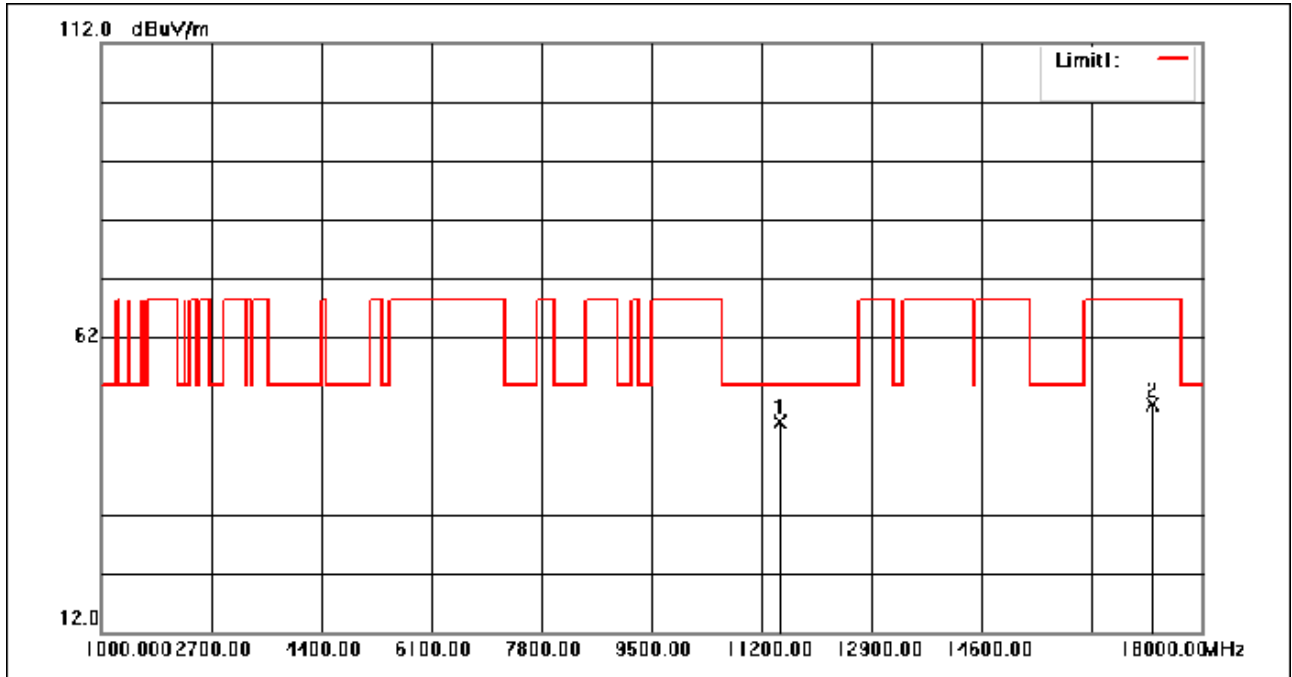
Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.81	-2.24	48.57	54.00	-5.43	peak
2	17235.000	50.63	-0.19	50.44	68.30	-17.86	peak

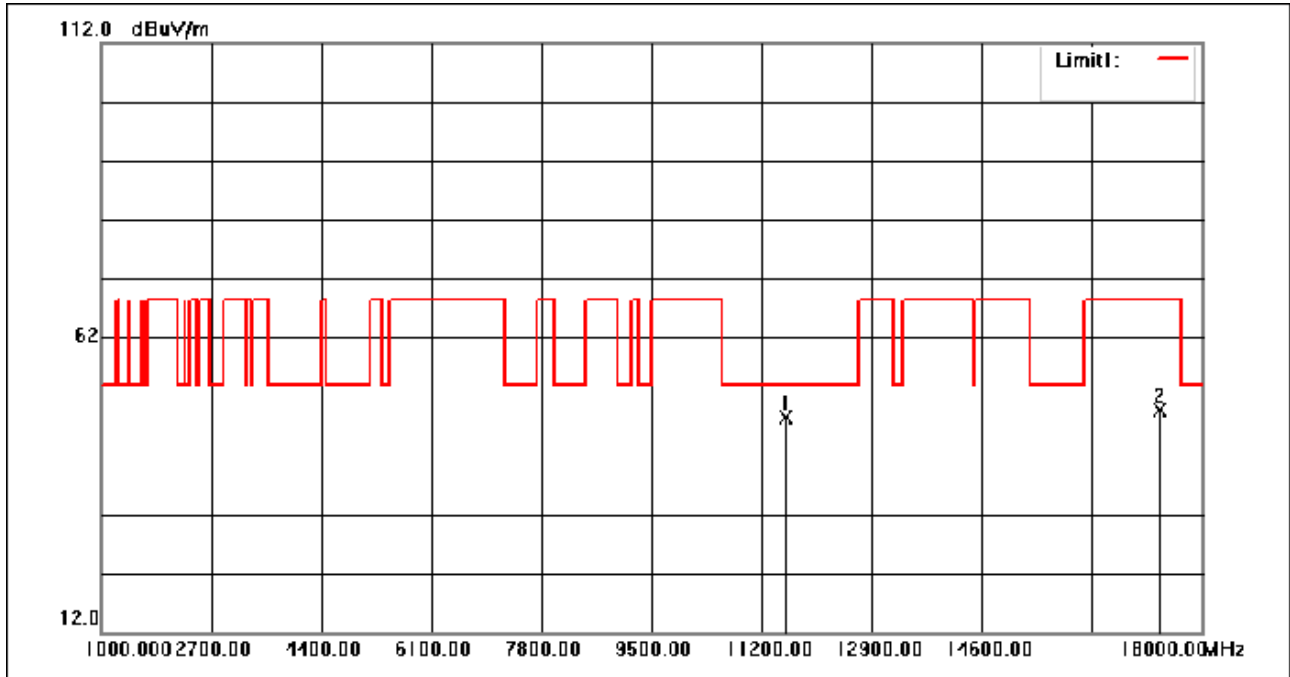


Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



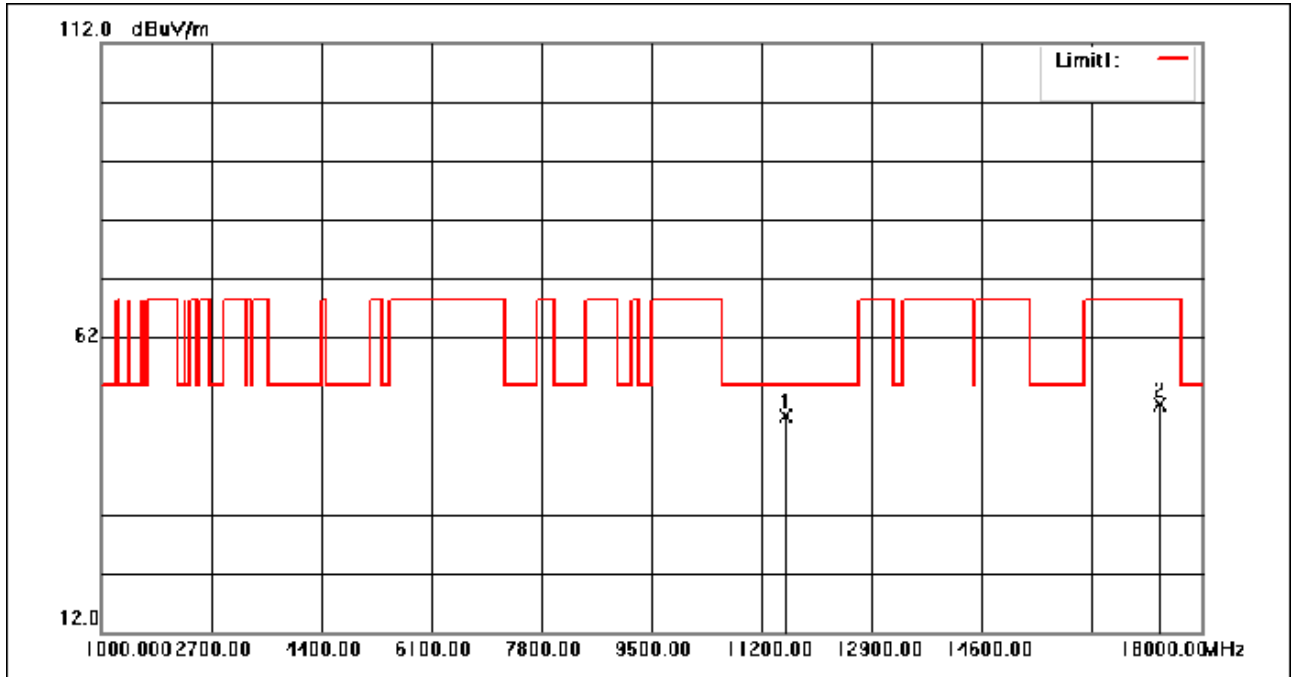
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.96	-2.24	47.72	54.00	-6.28	peak
2	17235.000	50.89	-0.19	50.70	68.30	-17.60	peak

Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



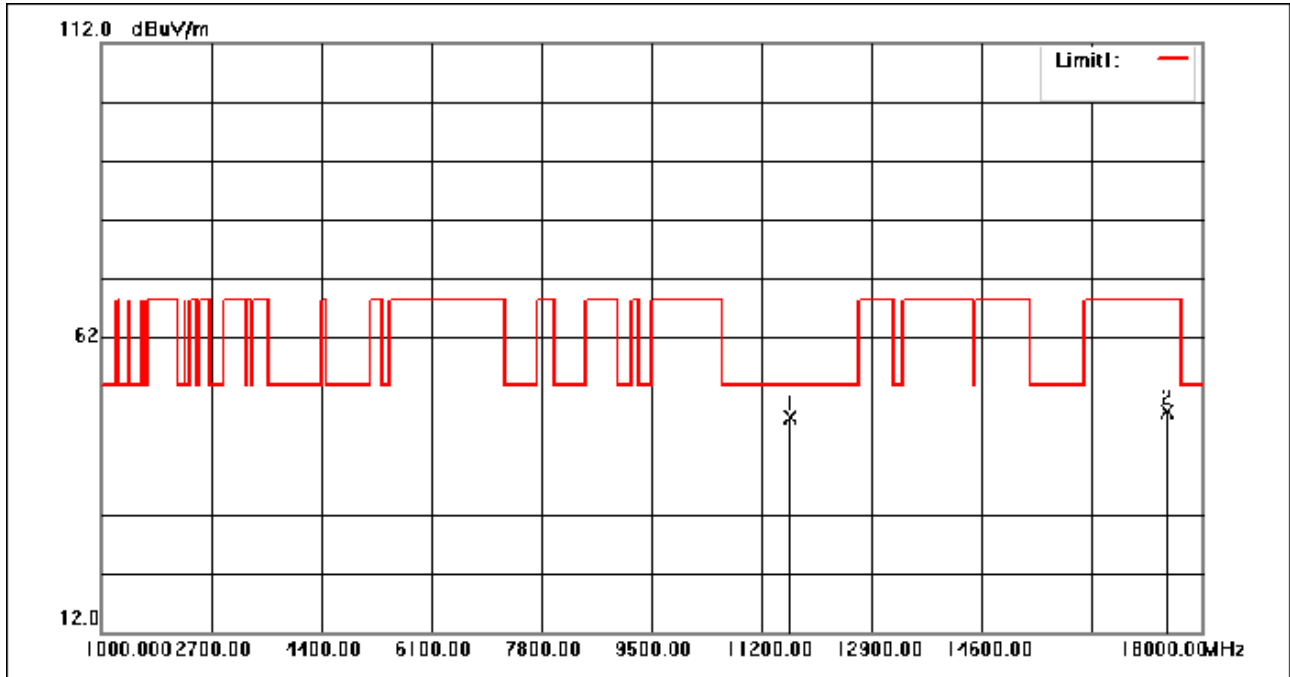
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.66	-2.33	48.33	54.00	-5.67	peak
2	17355.000	49.85	-0.29	49.56	68.30	-18.74	peak

Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



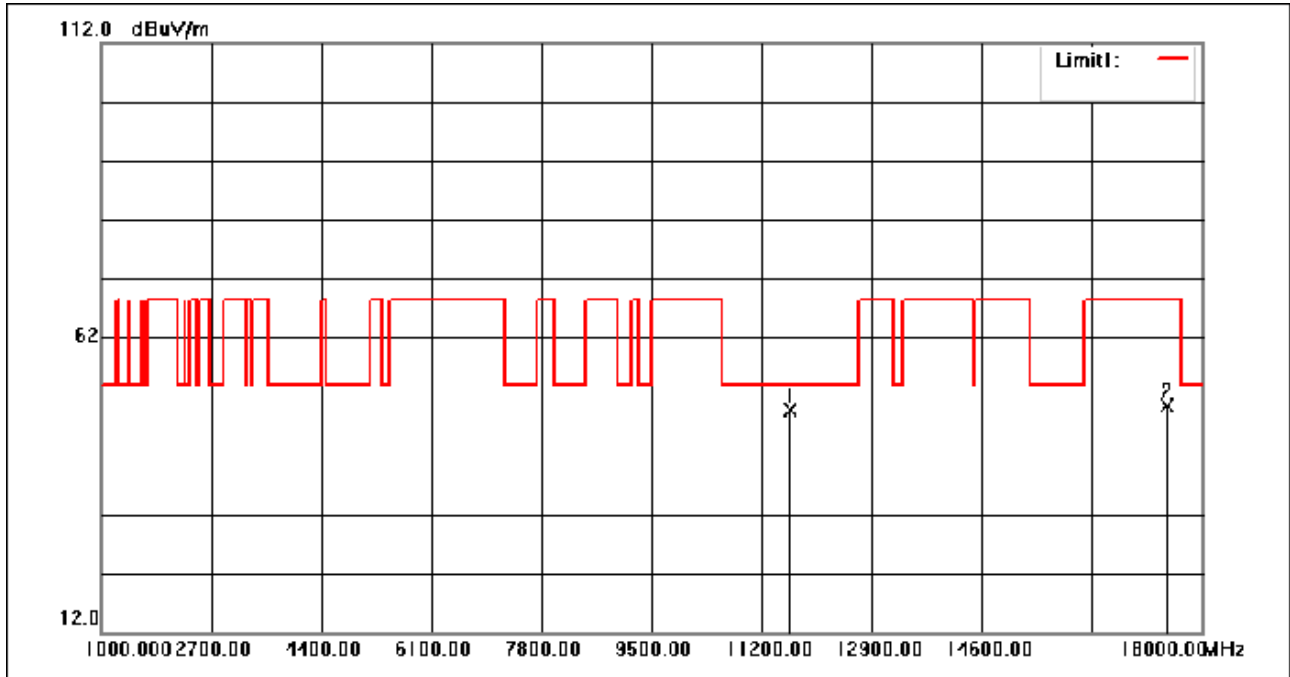
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.92	-2.33	48.59	54.00	-5.41	peak
2	17355.000	51.02	-0.29	50.73	68.30	-17.57	peak

Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



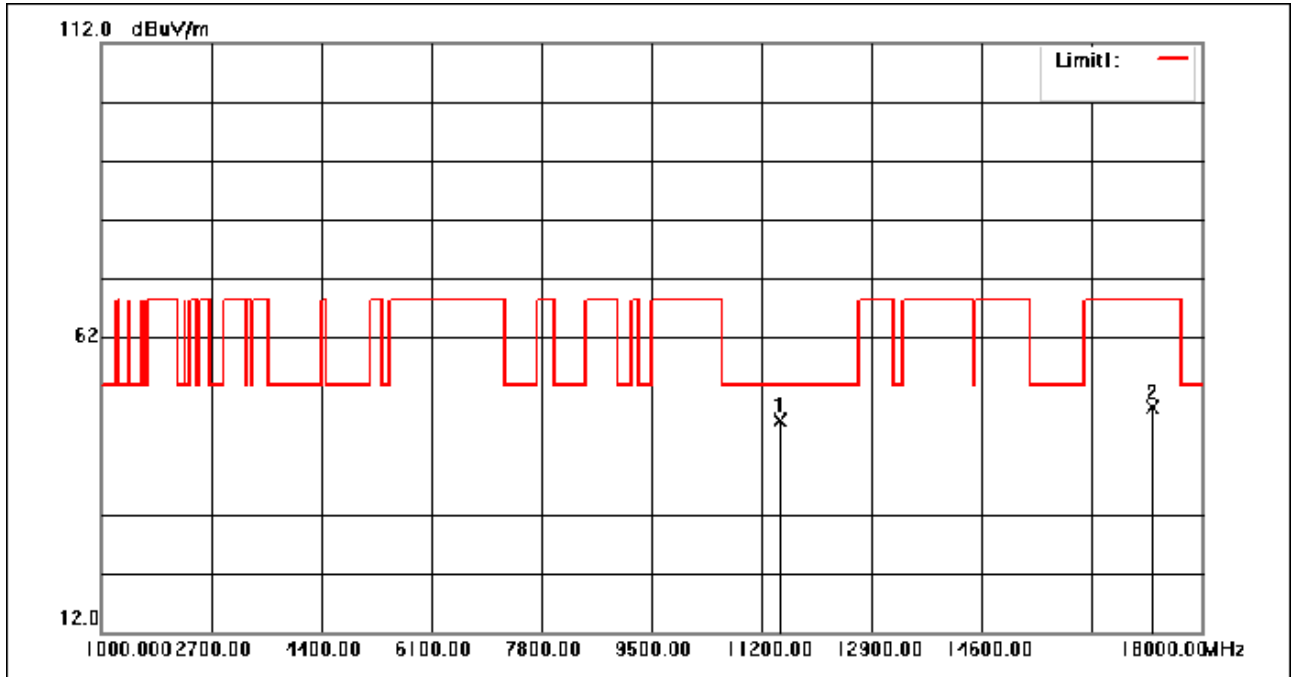
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.78	-2.40	48.38	54.00	-5.62	peak
2	17475.000	49.85	-0.39	49.46	68.30	-18.84	peak

Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



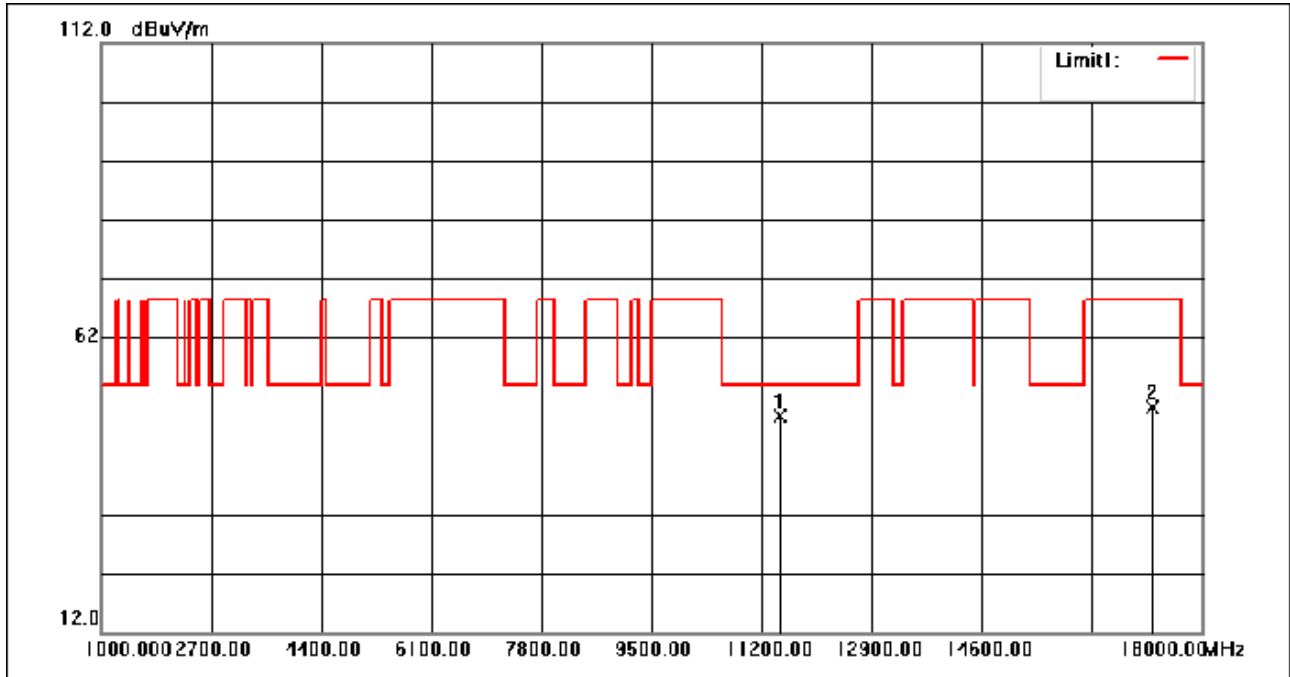
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	51.92	-2.40	49.52	54.00	-4.48	peak
2	17475.000	50.85	-0.39	50.46	68.30	-17.84	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



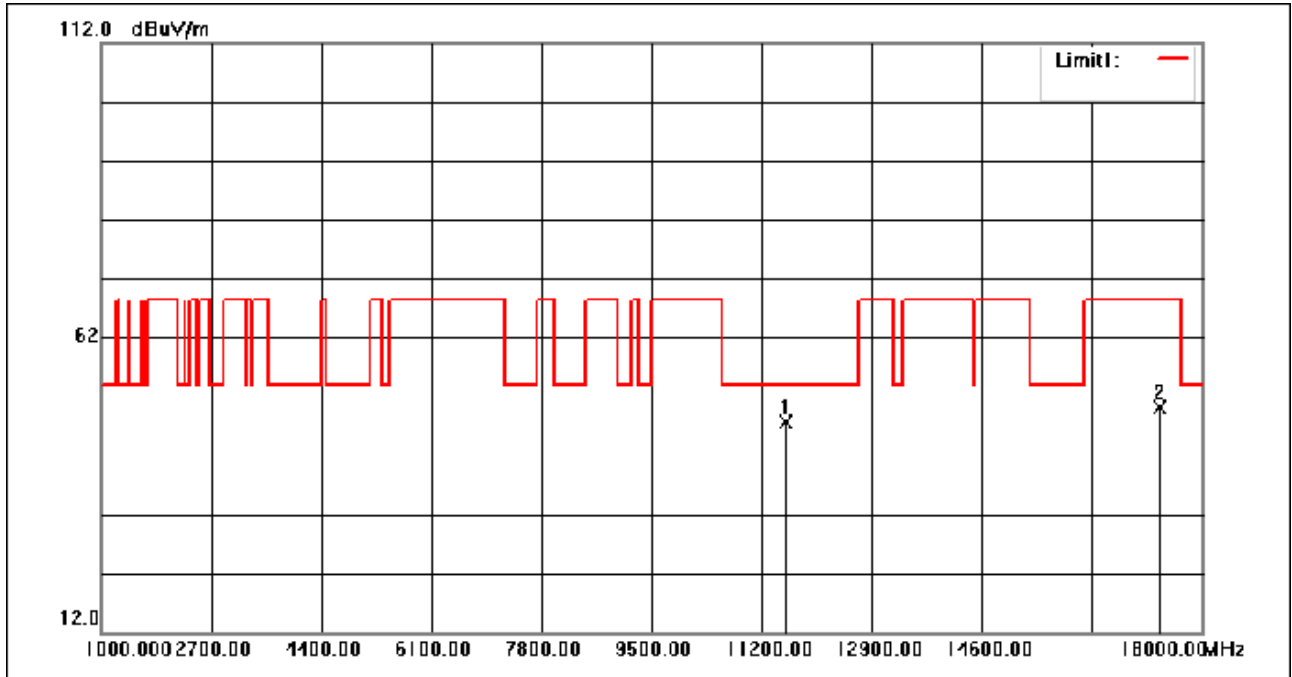
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.17	-2.24	47.93	54.00	-6.07	peak
2	17235.000	50.33	-0.19	50.14	68.30	-18.16	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.89	-2.24	48.65	54.00	-5.35	peak
2	17235.000	50.40	-0.19	50.21	68.30	-18.09	peak

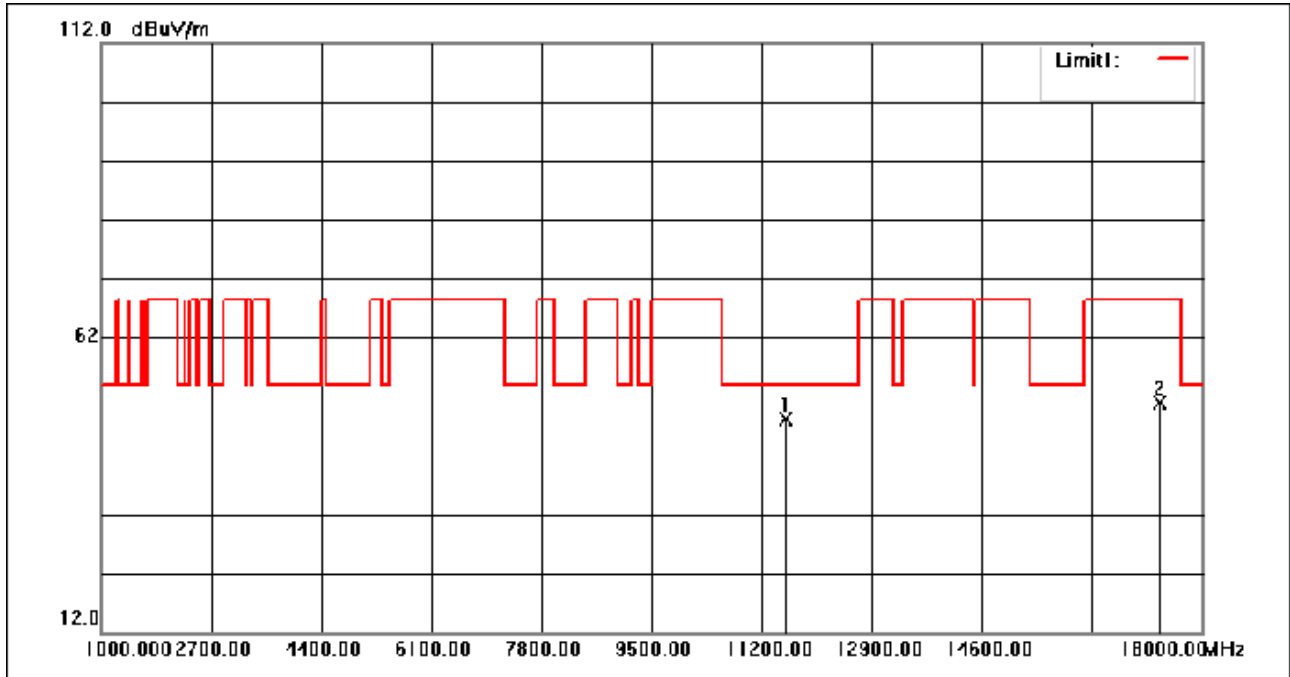
Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.06	-2.33	47.73	54.00	-6.27	peak
2	17355.000	50.33	-0.29	50.04	68.30	-18.26	peak

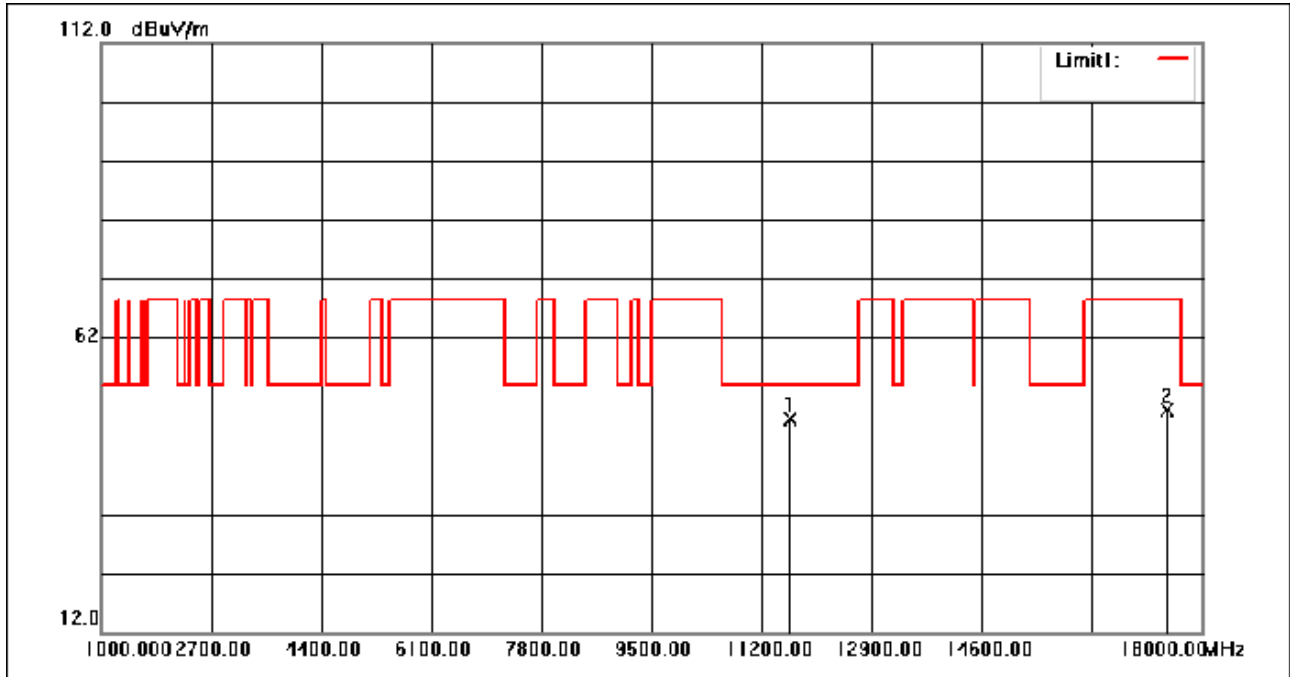


Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



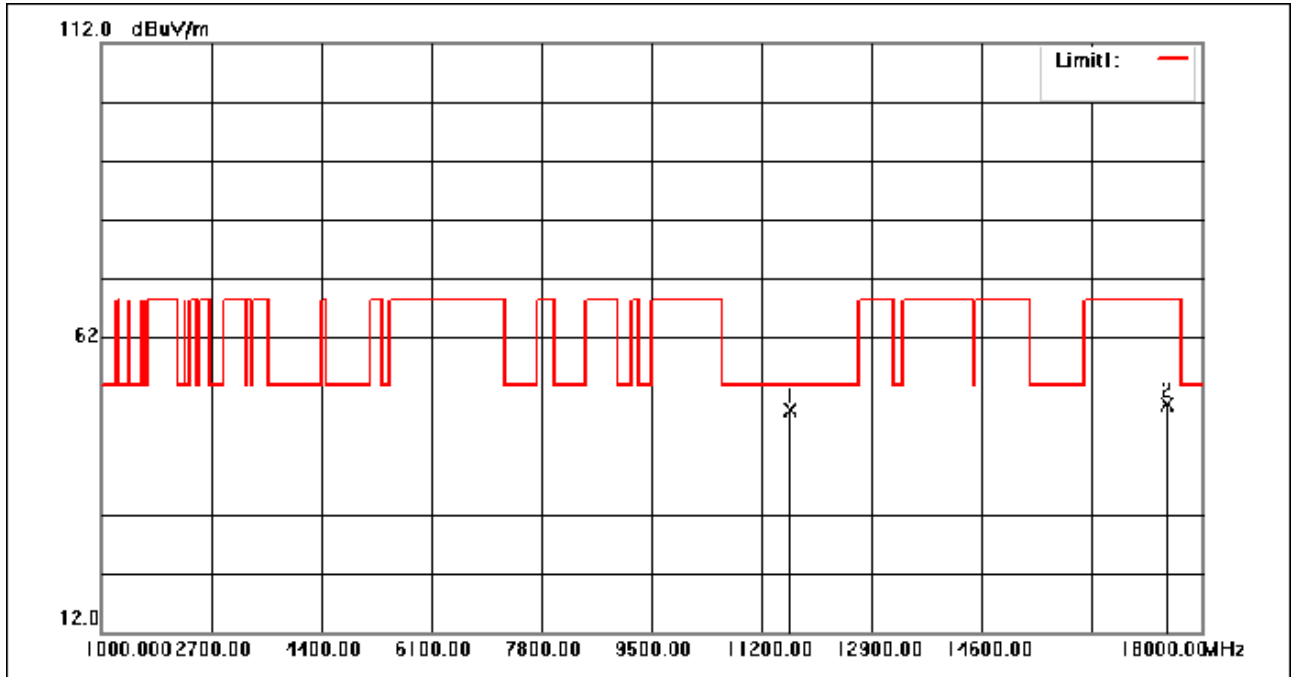
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.52	-2.33	48.19	54.00	-5.81	peak
2	17355.000	51.25	-0.29	50.96	68.30	-17.34	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



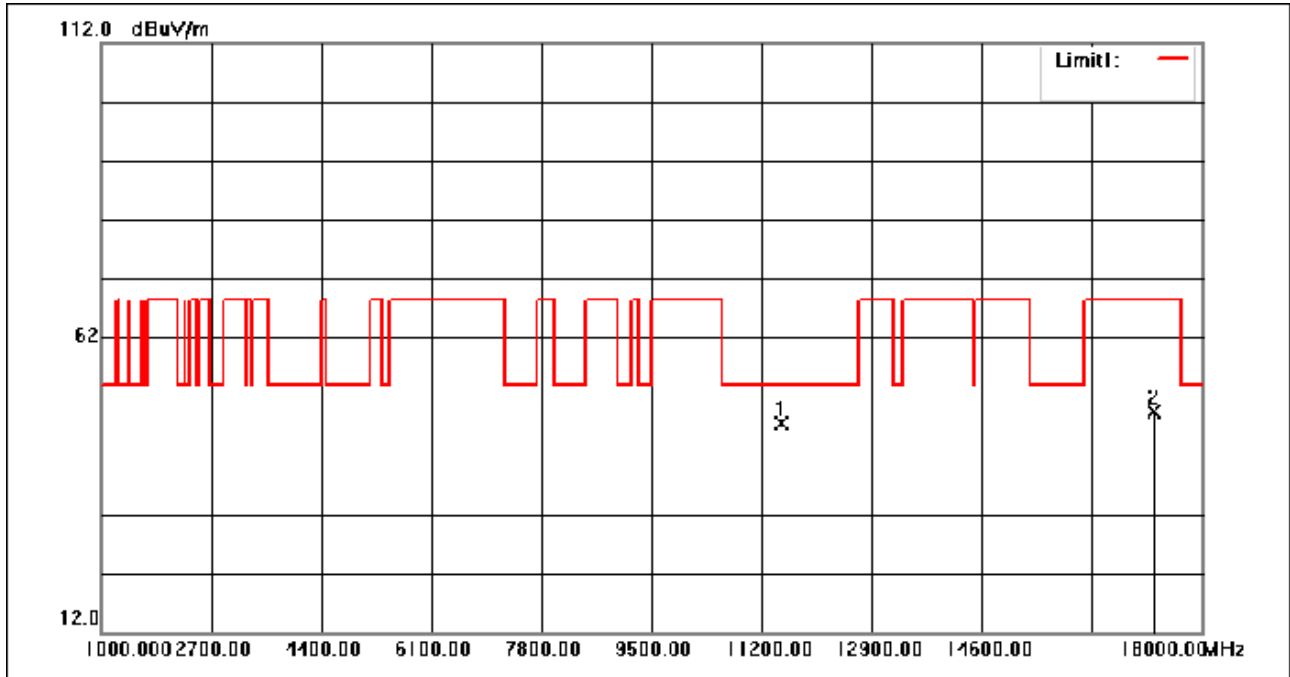
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.53	-2.40	48.13	54.00	-5.87	peak
2	17475.000	50.03	-0.39	49.64	68.30	-18.66	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



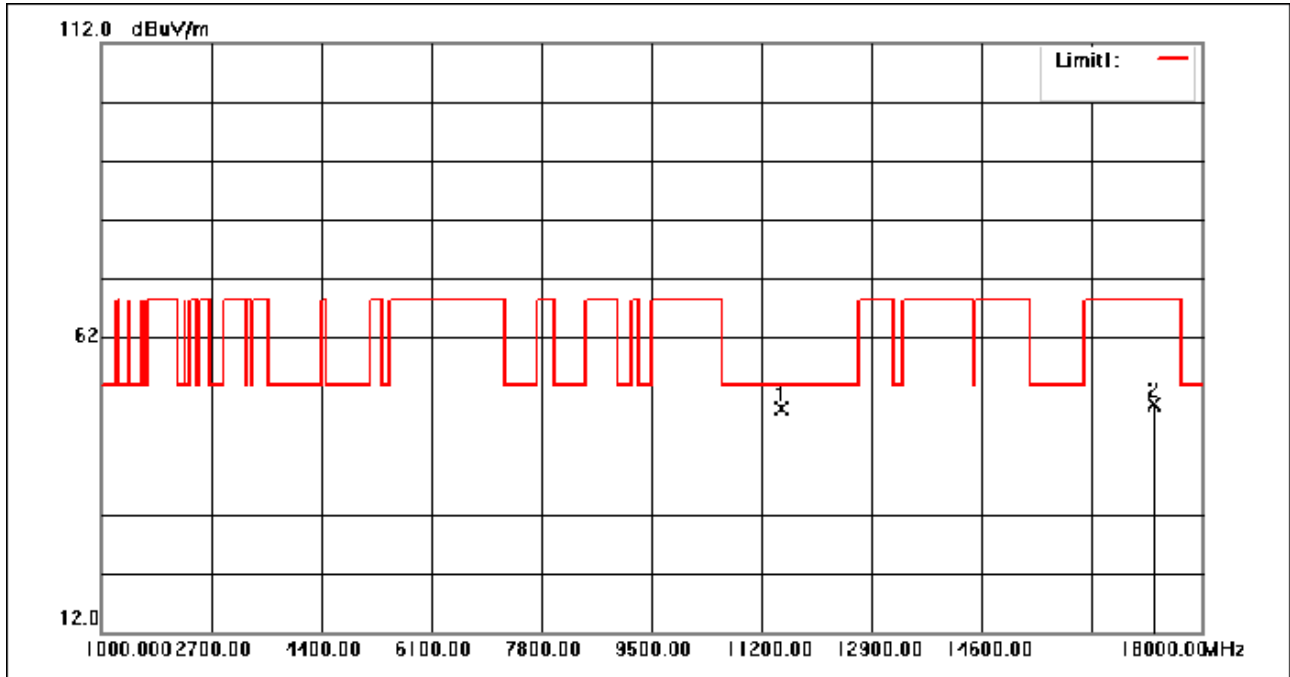
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	52.14	-2.40	49.74	54.00	-4.26	peak
2	17475.000	50.97	-0.39	50.58	68.30	-17.72	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



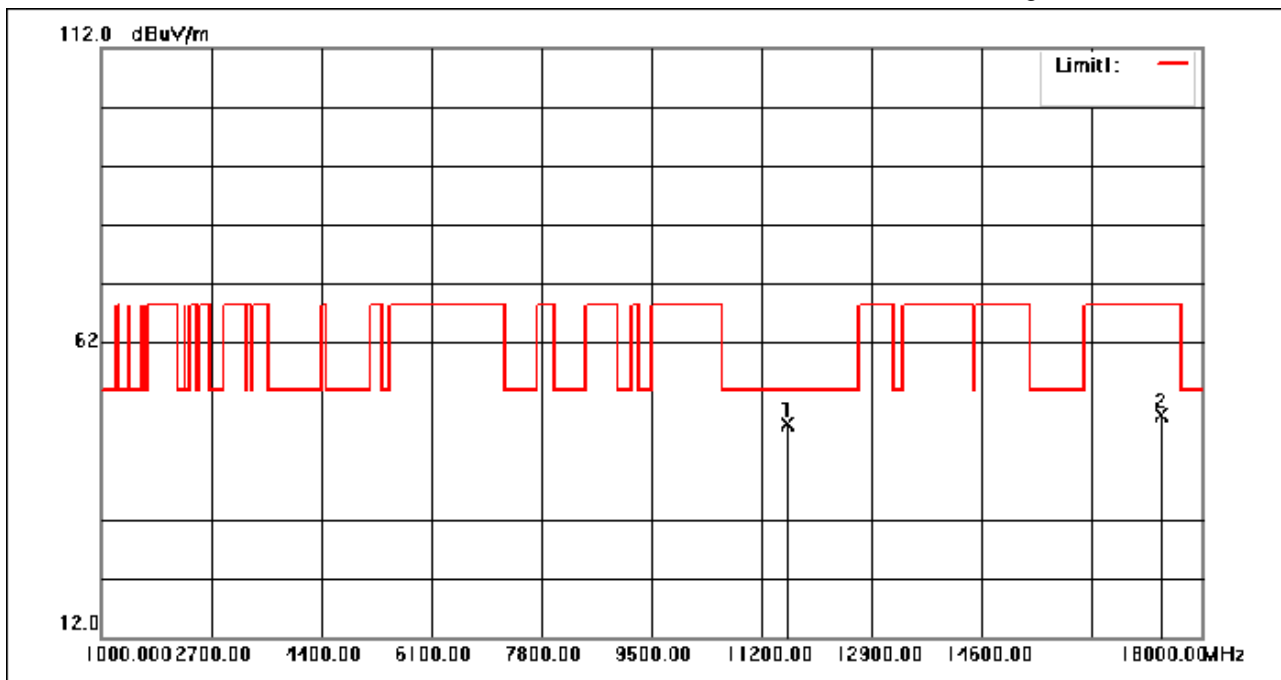
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	49.67	-2.27	47.40	54.00	-6.60	peak
2	17265.000	49.72	-0.22	49.50	68.30	-18.80	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



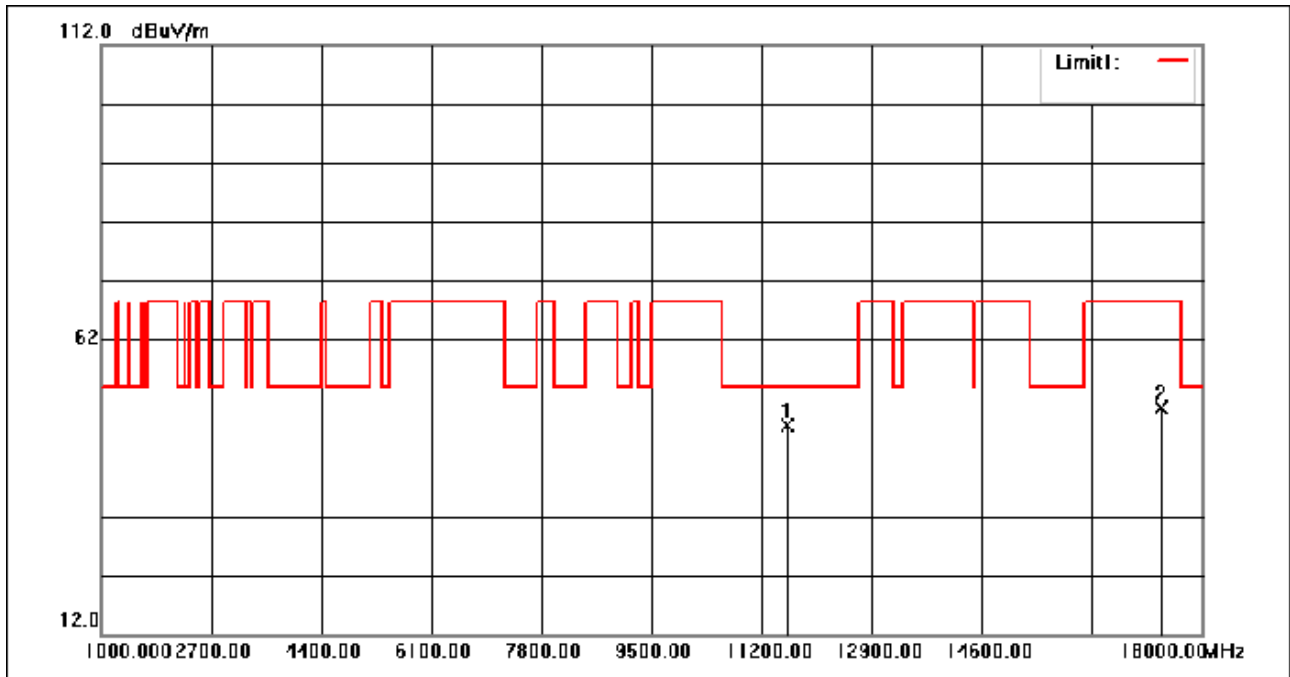
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	52.16	-2.27	49.89	54.00	-4.11	peak
2	17265.000	50.79	-0.22	50.57	68.30	-17.73	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



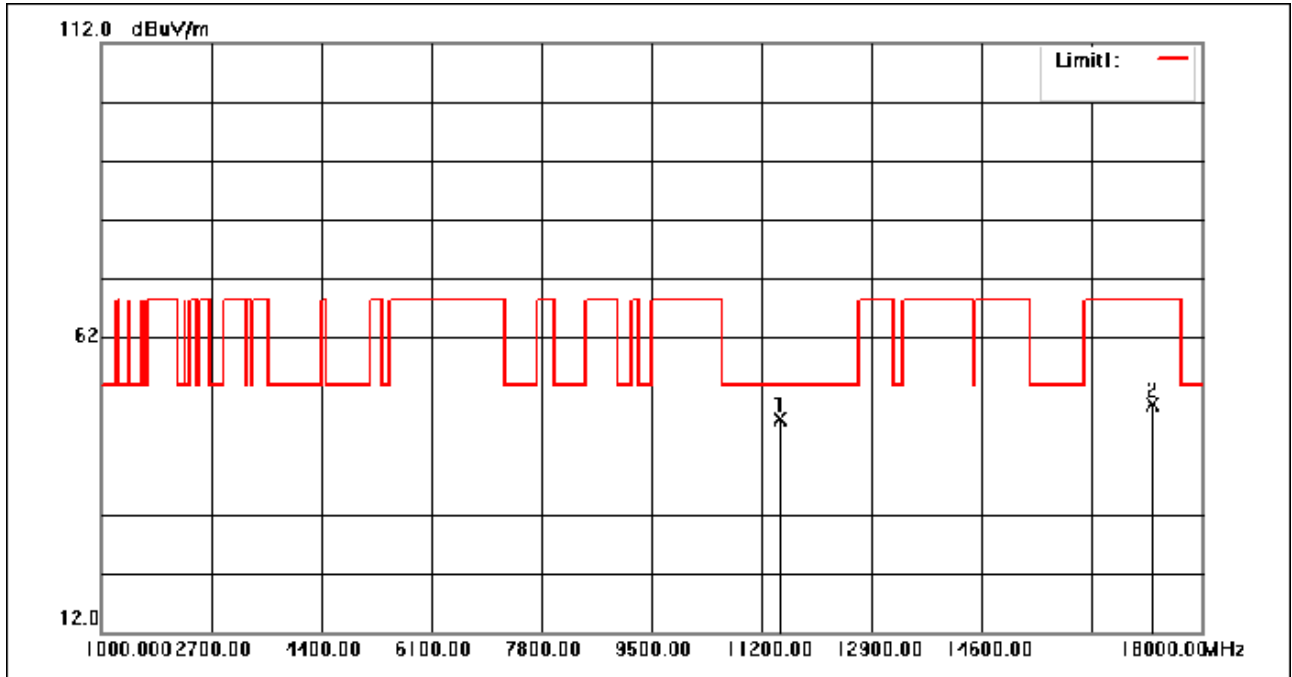
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	50.35	-2.34	48.01	54.00	-5.99	peak
2	17385.000	49.96	-0.32	49.64	68.30	-18.66	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	49.61	-2.34	47.27	54.00	-6.73	peak
2	17385.000	50.73	-0.32	50.41	68.30	-17.89	peak

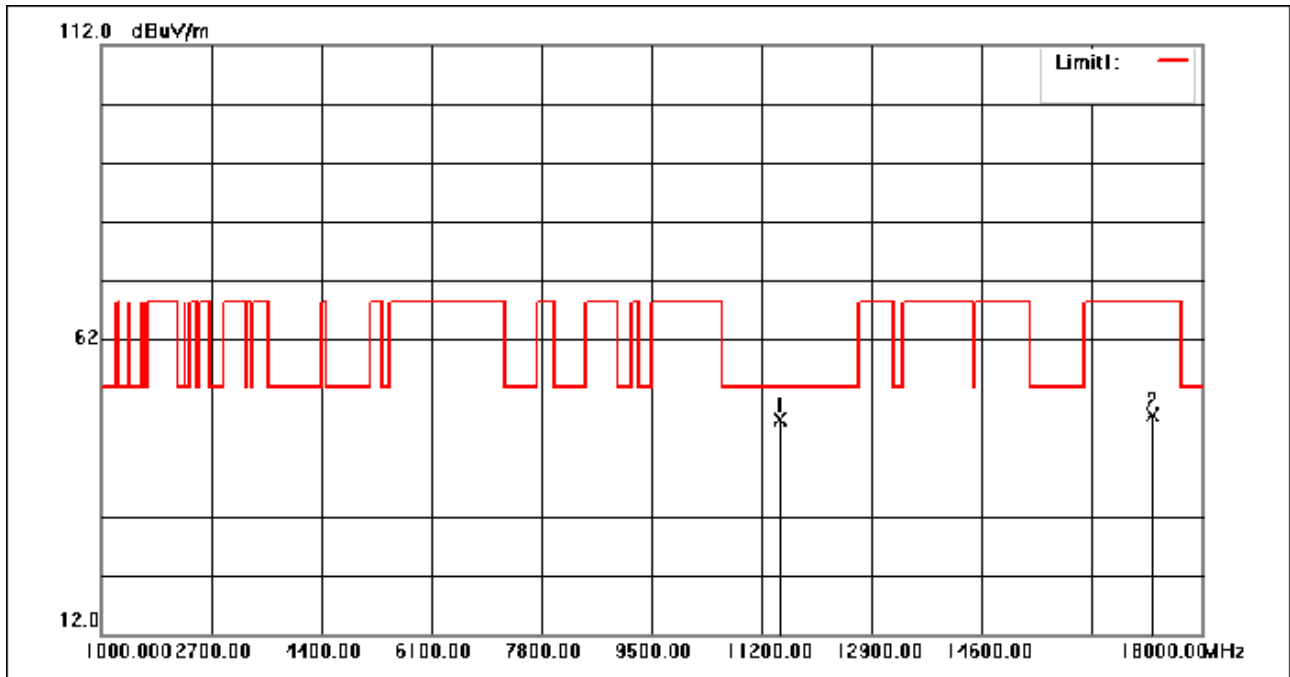
Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.39	-2.24	48.15	54.00	-5.85	peak
2	17235.000	50.72	-0.19	50.53	68.30	-17.77	peak

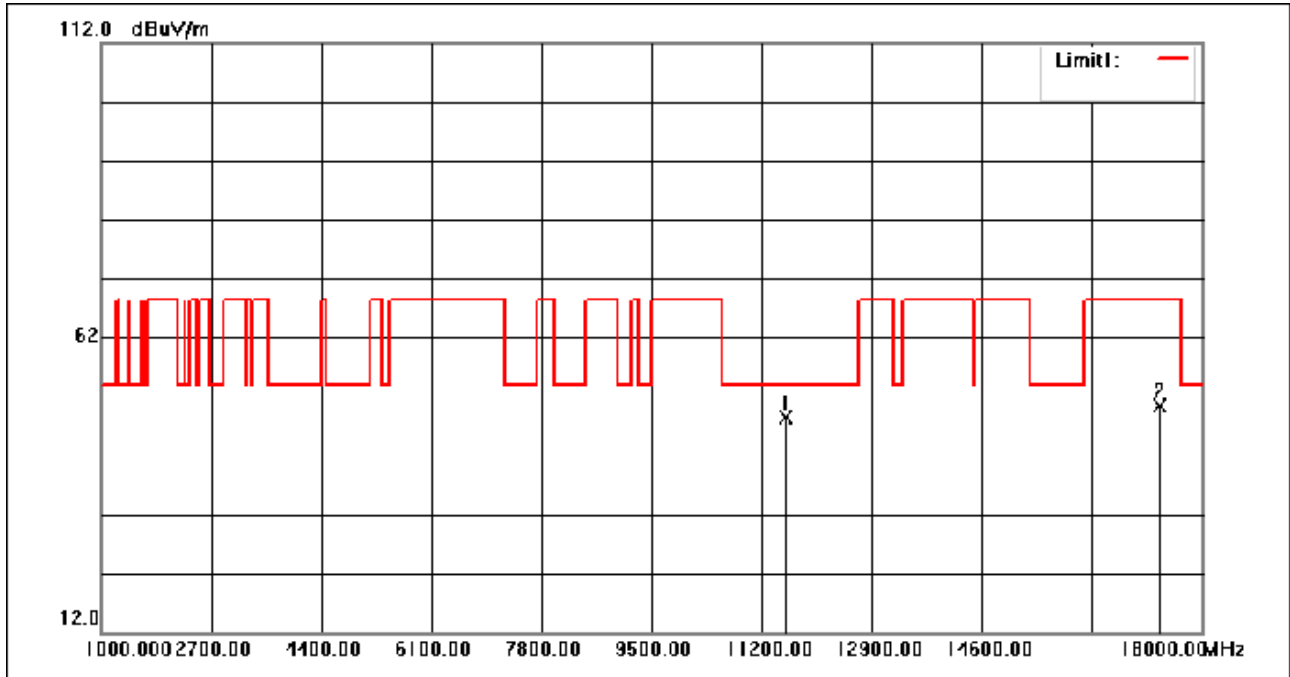


Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



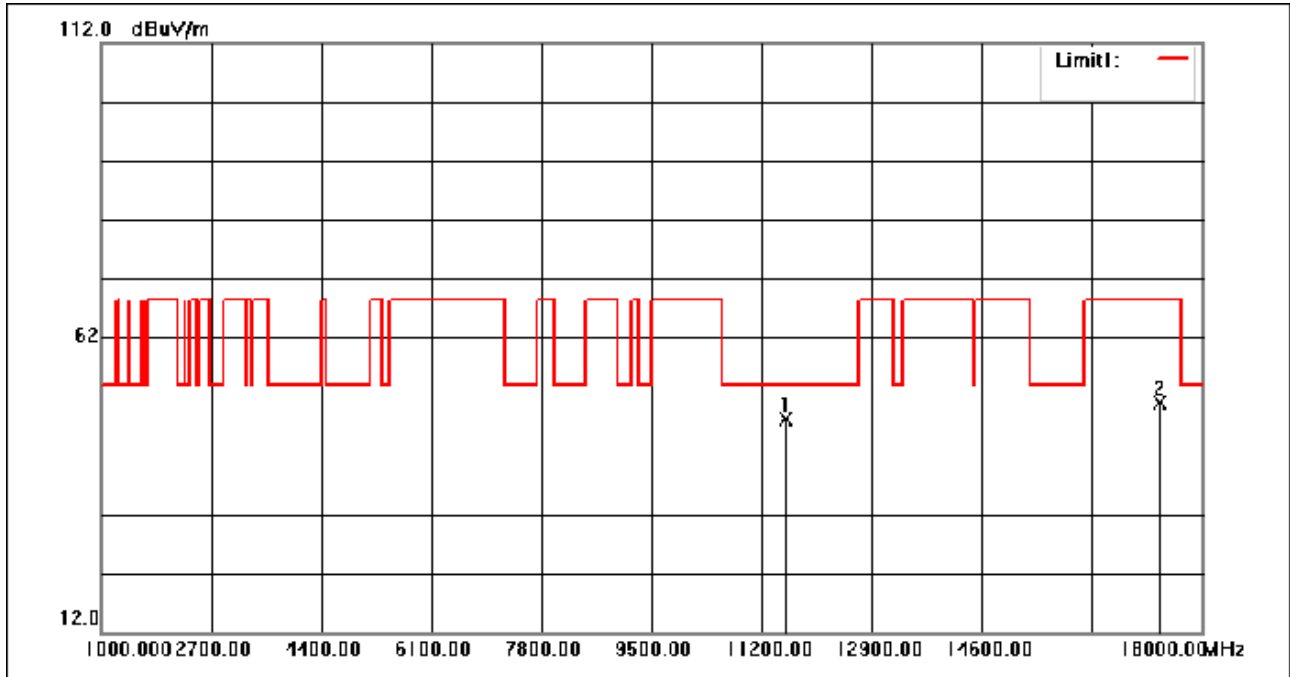
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.73	-2.24	48.49	54.00	-5.51	peak
2	17235.000	49.41	-0.19	49.22	68.30	-19.08	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:middle



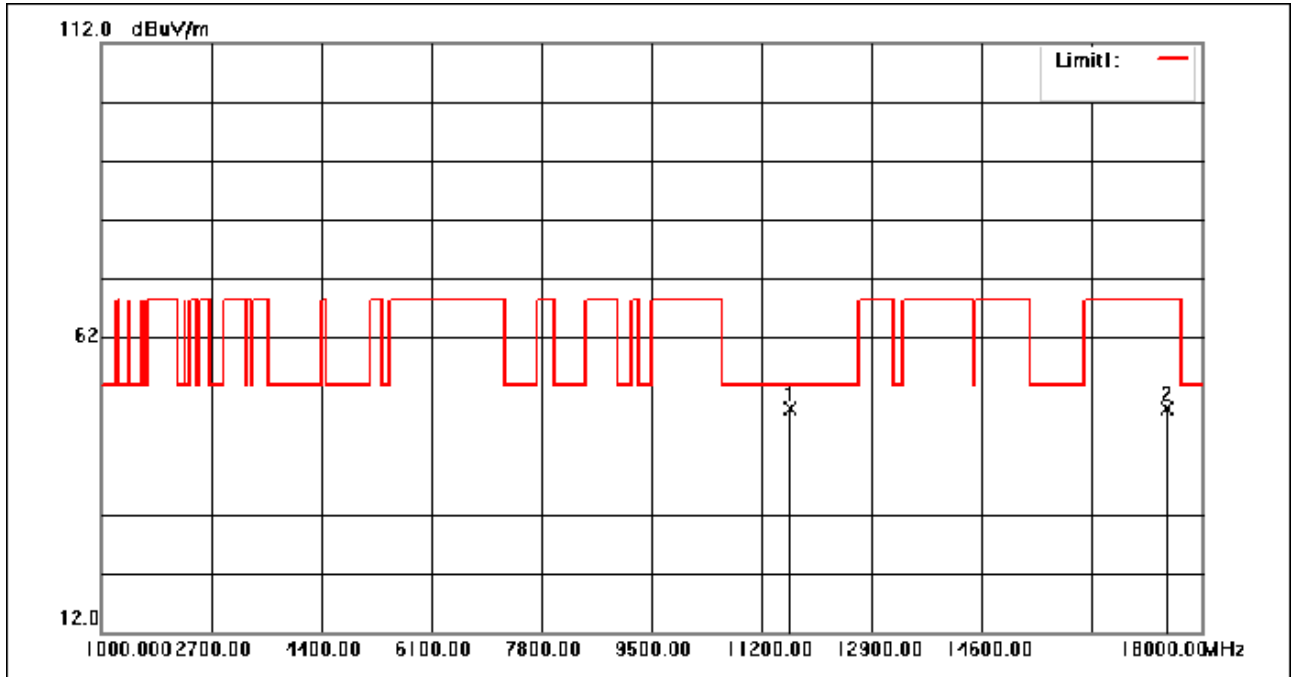
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.62	-2.33	48.29	54.00	-5.71	peak
2	17355.000	50.78	-0.29	50.49	68.30	-17.81	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



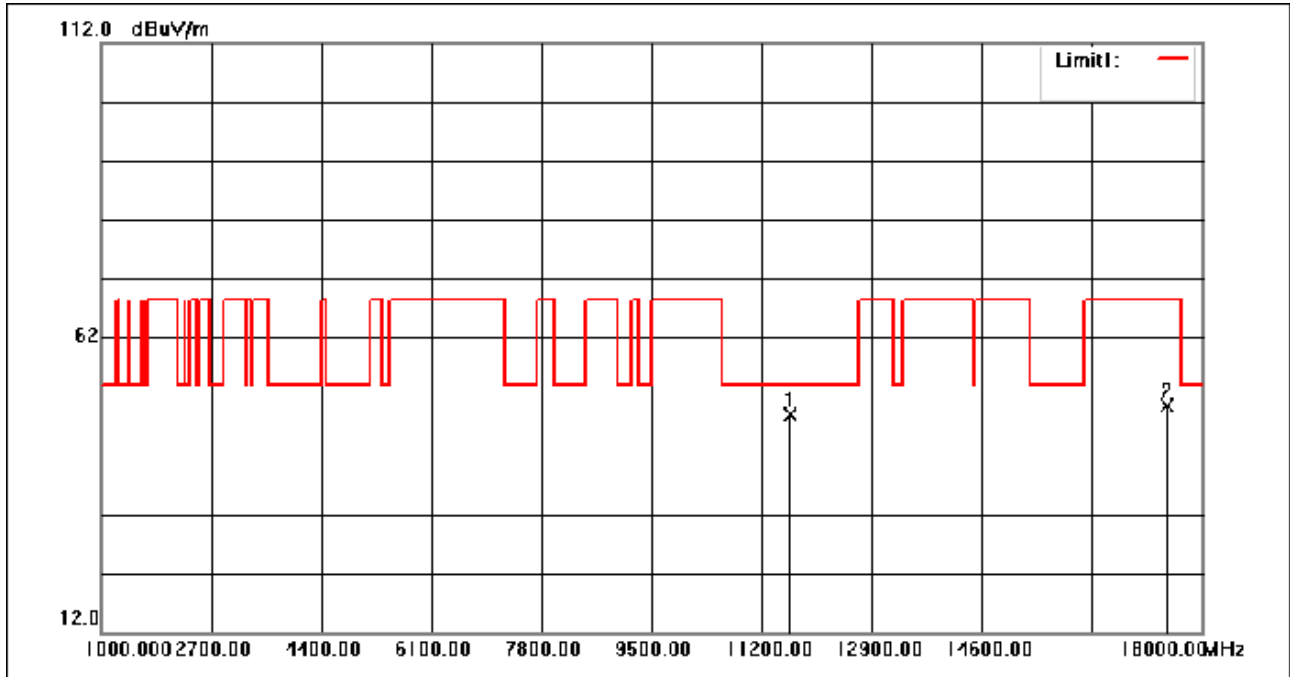
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.52	-2.33	48.19	54.00	-5.81	peak
2	17355.000	51.25	-0.29	50.96	68.30	-17.34	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



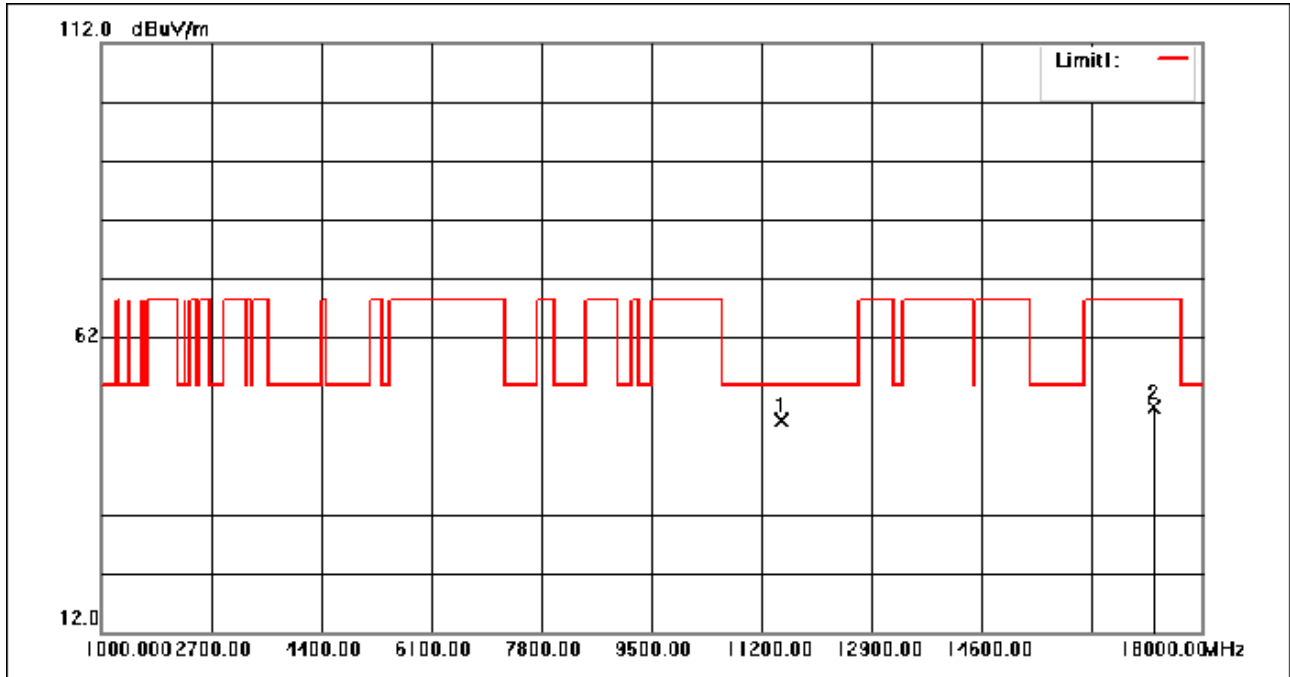
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	52.30	-2.40	49.90	54.00	-4.10	peak
2	17475.000	50.30	-0.39	49.91	68.30	-18.39	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



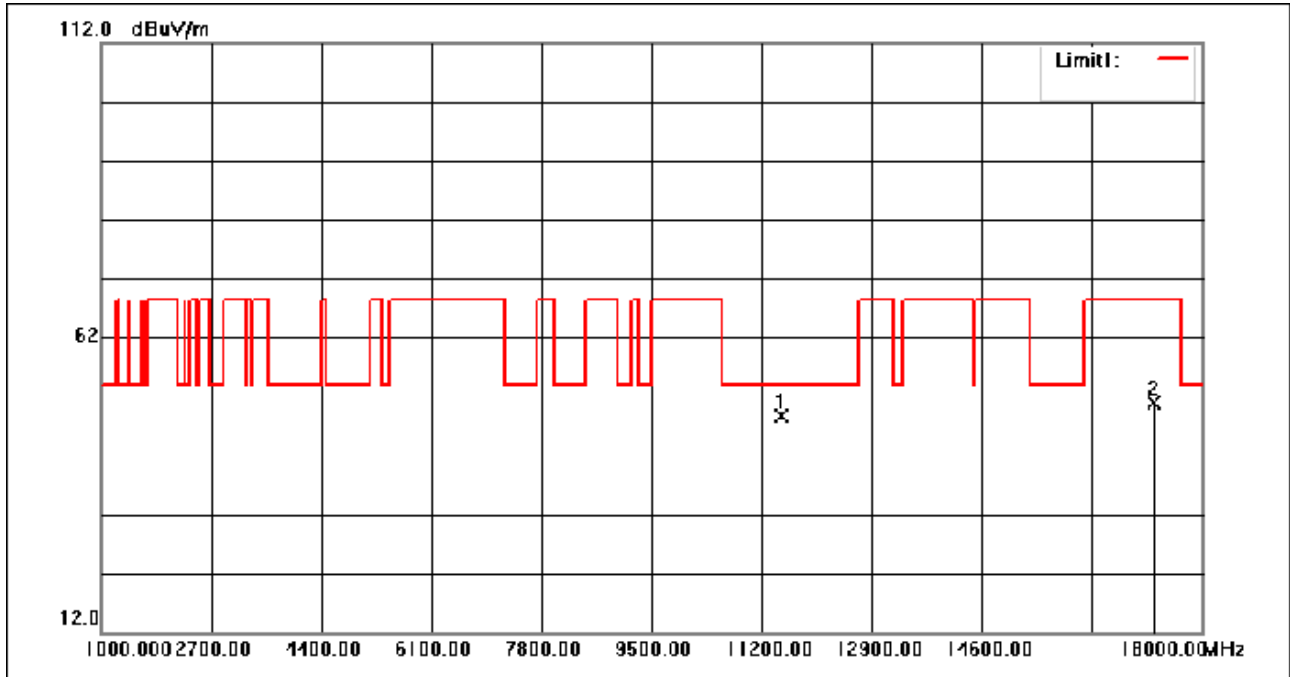
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	51.30	-2.40	48.90	54.00	-5.10	peak
2	17475.000	50.84	-0.39	50.45	68.30	-17.85	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



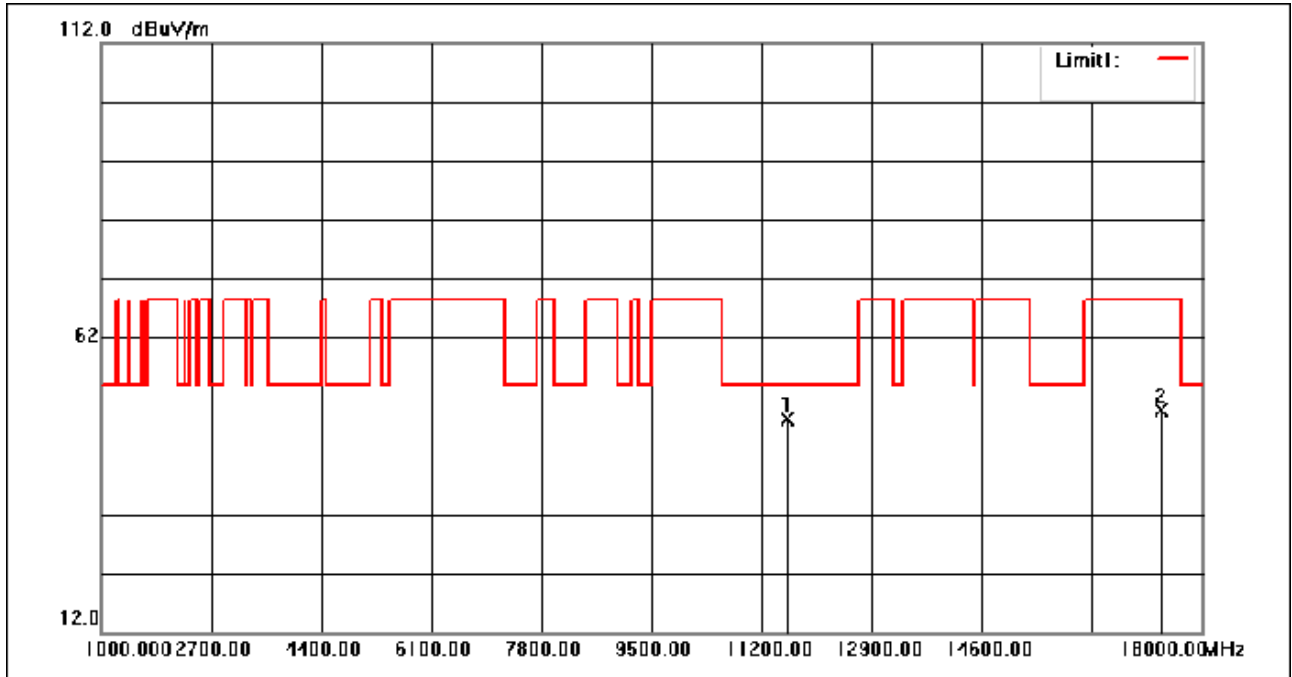
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	50.25	-2.27	47.98	54.00	-6.02	peak
2	17265.000	50.28	-0.22	50.06	68.30	-18.24	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	50.88	-2.27	48.61	54.00	-5.39	peak
2	17265.000	51.21	-0.22	50.99	68.30	-17.31	peak

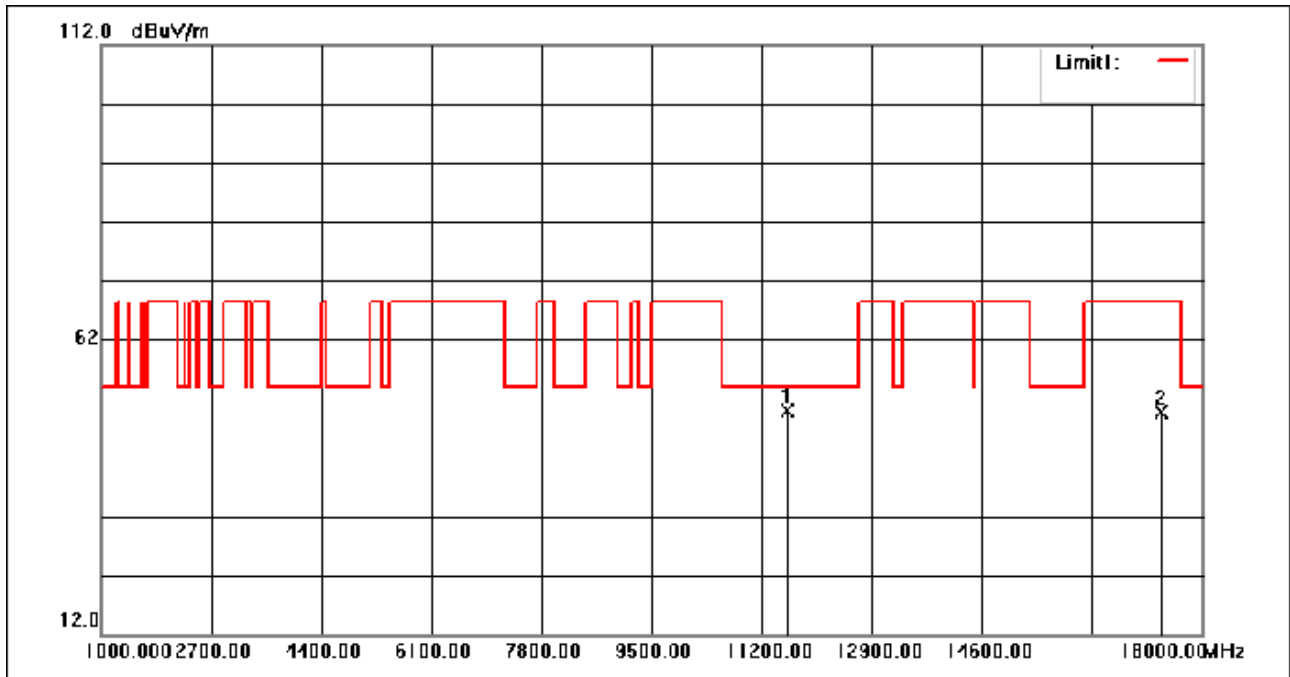
Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	50.35	-2.34	48.01	54.00	-5.99	peak
2	17385.000	49.96	-0.32	49.64	68.30	-18.66	peak

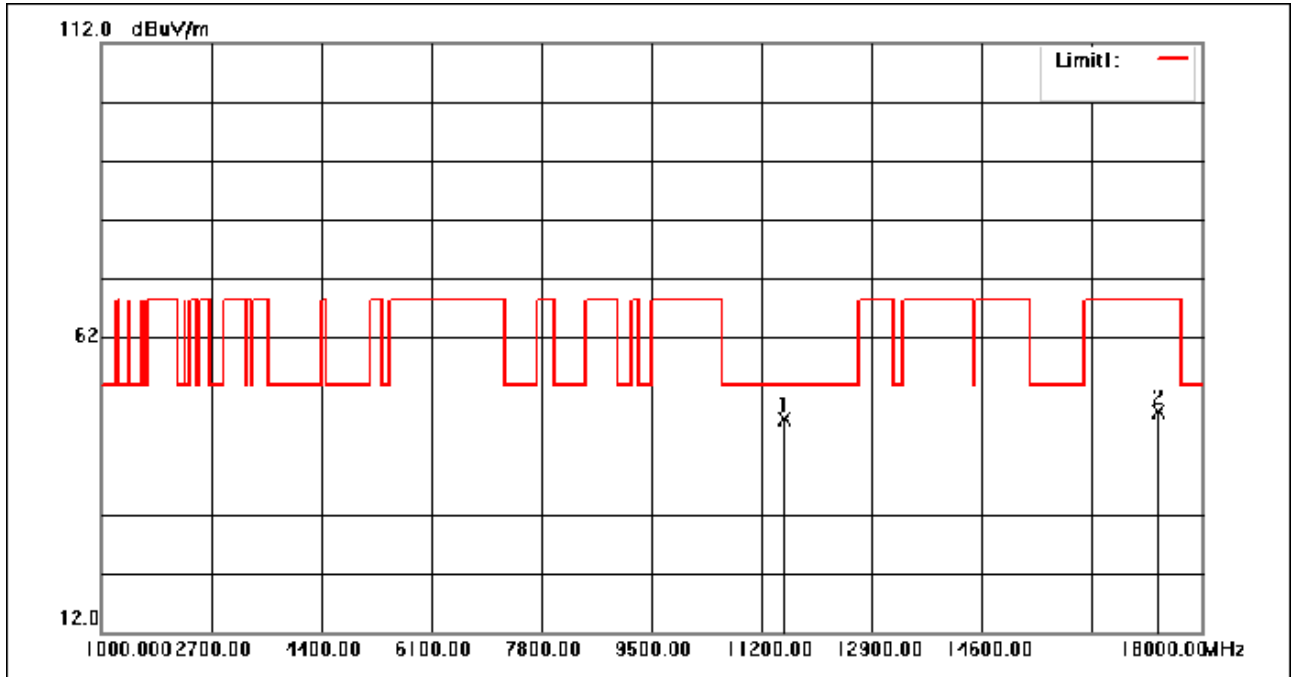


Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



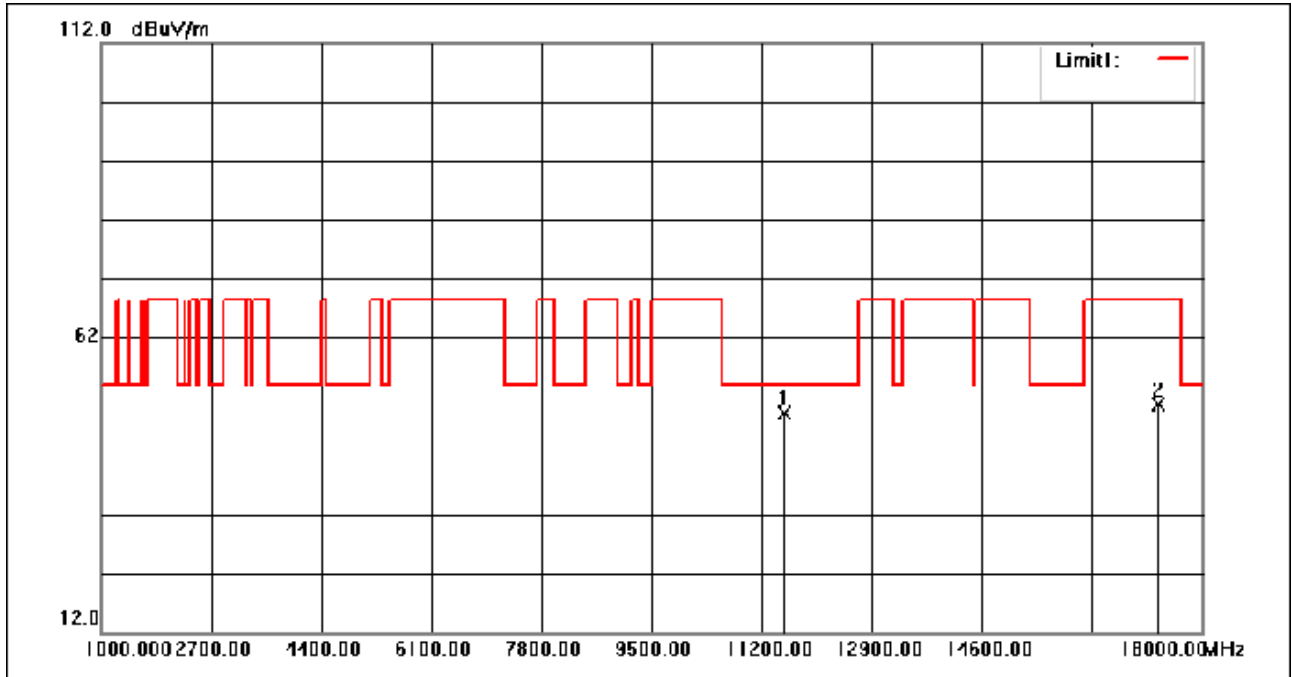
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	52.18	-2.34	49.84	54.00	-4.16	peak
2	17385.000	49.83	-0.32	49.51	68.30	-18.79	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	50.46	-2.31	48.15	54.00	-5.85	peak
2	17325.000	49.68	-0.27	49.41	68.30	-18.89	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	51.41	-2.31	49.10	54.00	-4.90	peak
2	17325.000	50.83	-0.27	50.56	68.30	-17.74	peak

**7.8 Radiated Emissions which fall in the restricted bands**

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 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

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.

### 7.8.1 E.U.T. Operation

Operating Environment:

Temperature : 20 °C Humidity: 50 % RH Atmospheric Pressure: 1010 mbar

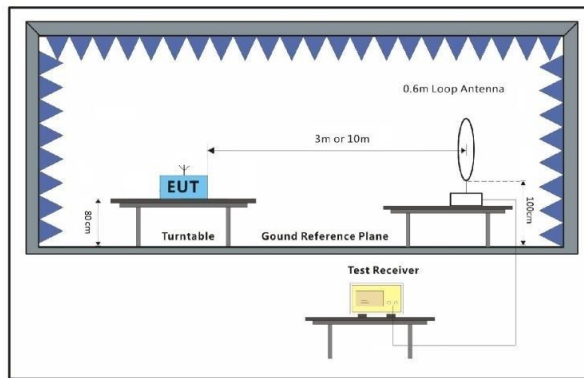
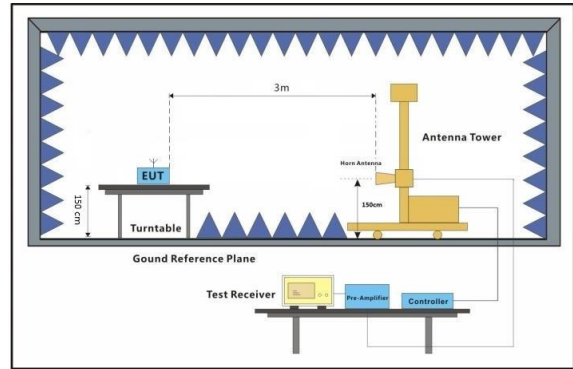
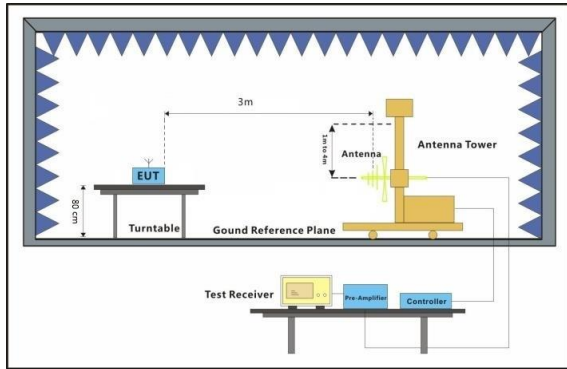
Test mode: e:TX mode (Band 1)\_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 1)

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 1)

g:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 2)

h:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. (adapter 2)

**7.8.2 Test Setup Diagram**



### 7.8.3 Measurement Procedure and Data

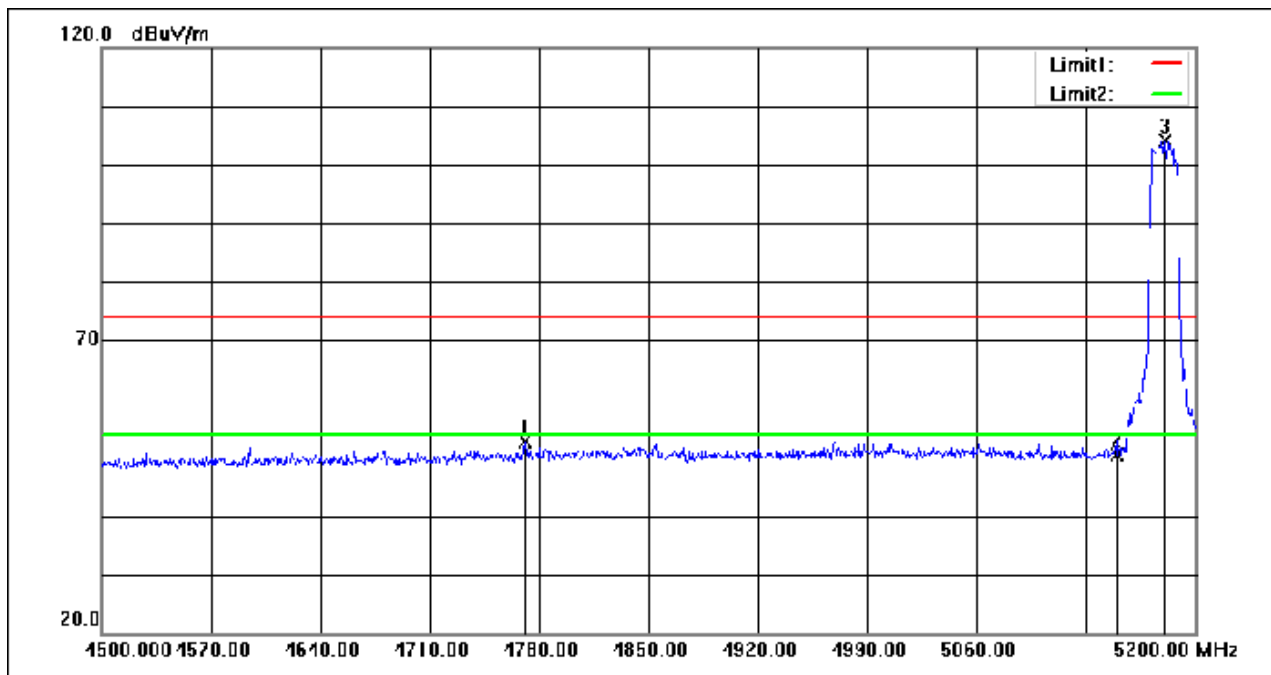
- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5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

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

This test item was investigated while operating in SISO and MIMO mode, however, it was determined that SISO antenna 1 operation for a modulation and MIMO antenna operation for n/ac modulation produced the worst emissions. So the emissions produced from other operation are not recorded in report.

Adapter1

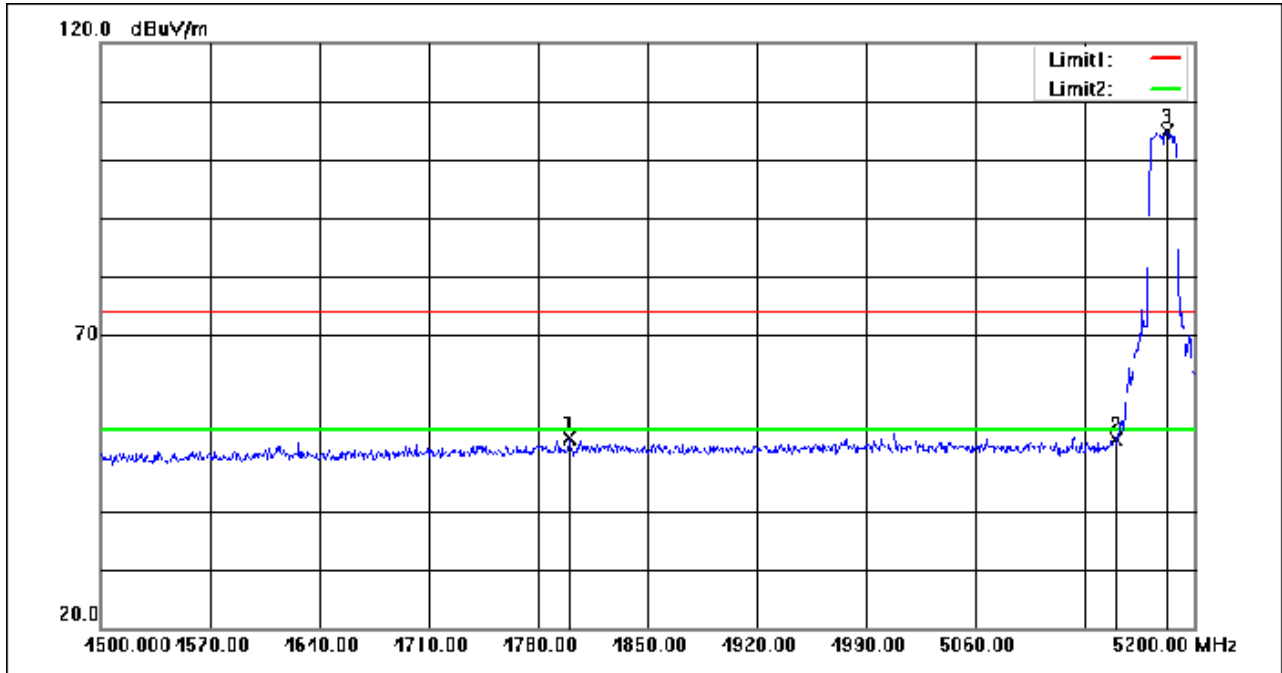
Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4770.900	52.21	0.44	52.65	74.00	-21.35	peak
2	5150.000	49.28	1.05	50.33	74.00	-23.67	peak
3	5180.750	103.07	1.07	104.14	74.00	30.14	peak

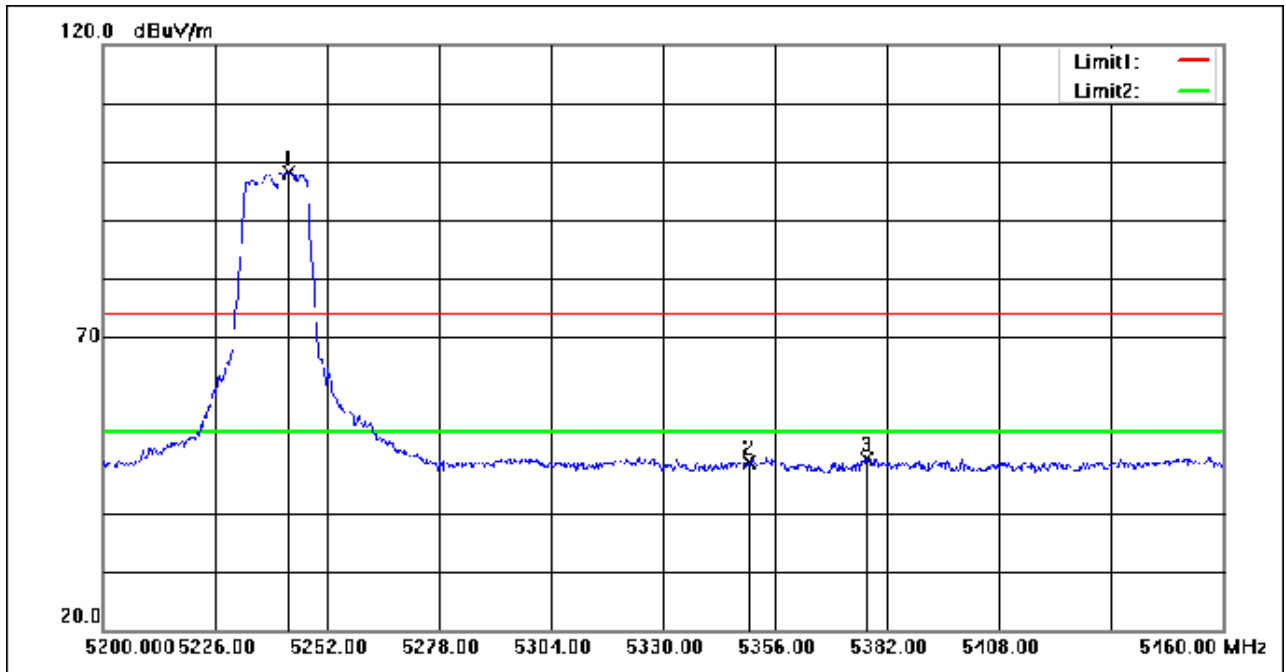


Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



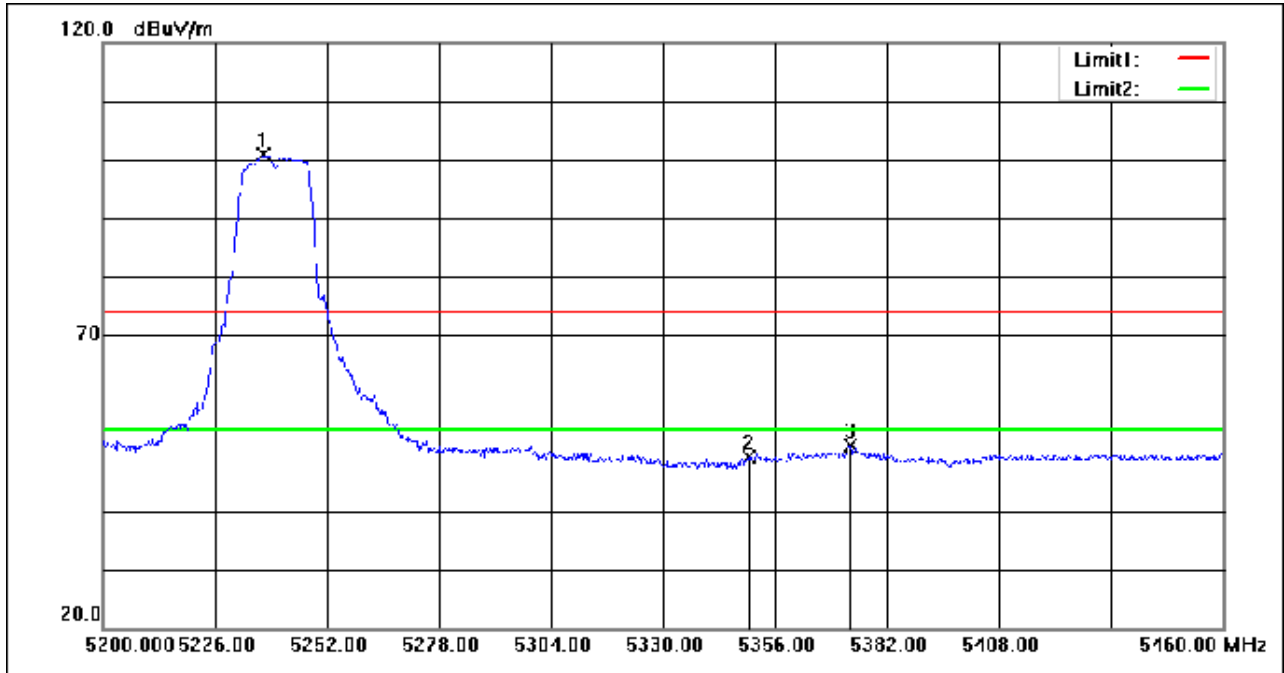
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4800.300	51.85	0.51	52.36	74.00	-21.64	peak
2	5150.000	51.05	1.05	52.10	74.00	-21.90	peak
3	5182.850	103.88	1.07	104.95	74.00	30.95	peak

Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



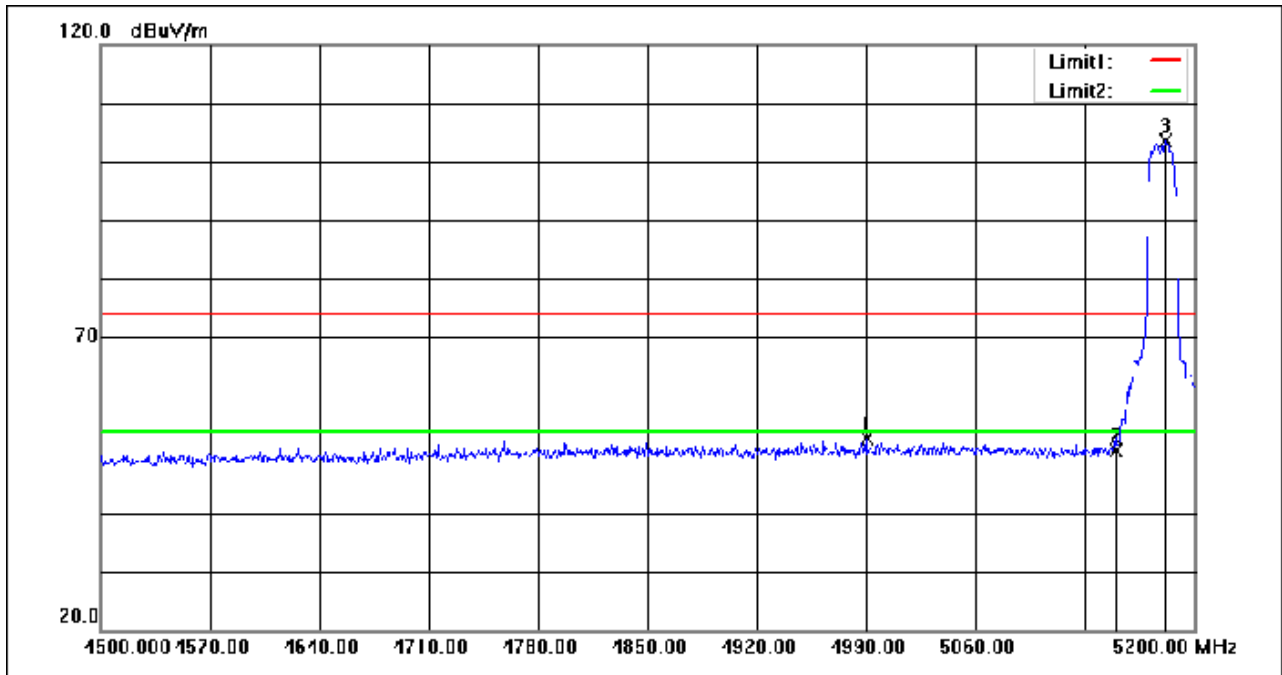
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5243.160	97.09	1.11	98.20	74.00	24.20	peak
2	5350.000	47.51	1.18	48.69	74.00	-25.31	peak
3	5377.320	48.00	1.19	49.19	74.00	-24.81	peak

Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



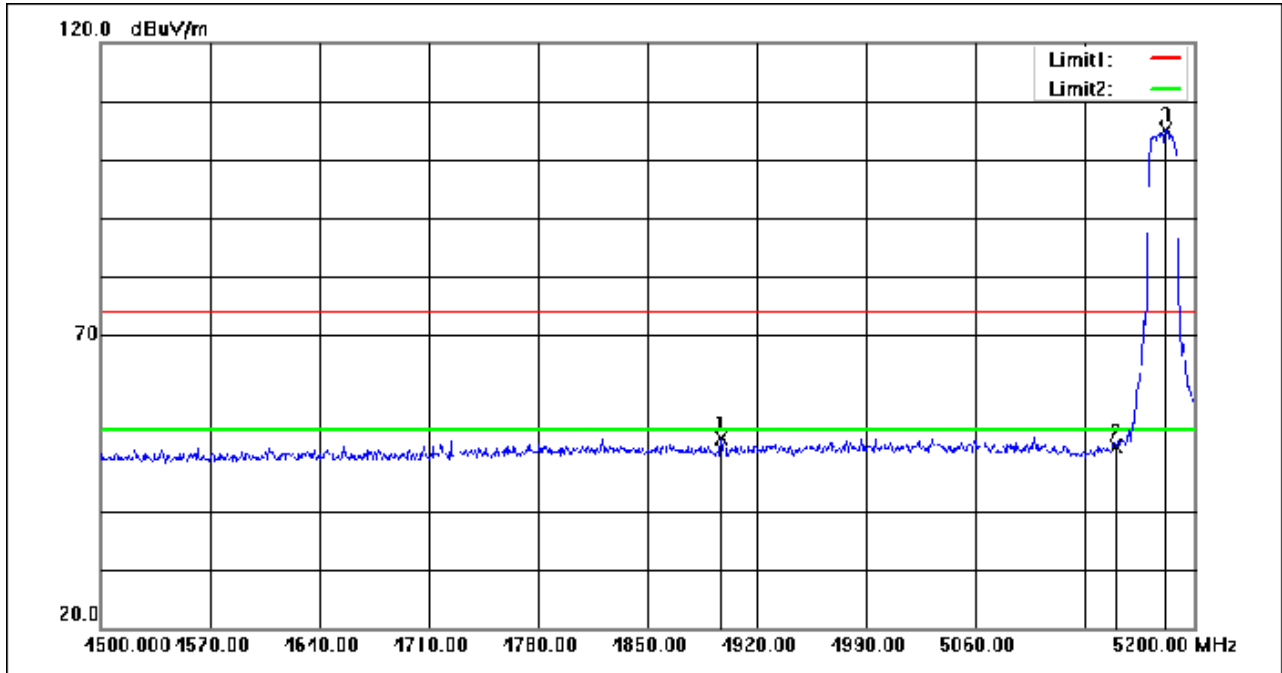
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5237.180	99.70	1.11	100.81	74.00	26.81	peak
2	5350.000	48.05	1.18	49.23	74.00	-24.77	peak
3	5373.420	49.85	1.19	51.04	74.00	-22.96	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



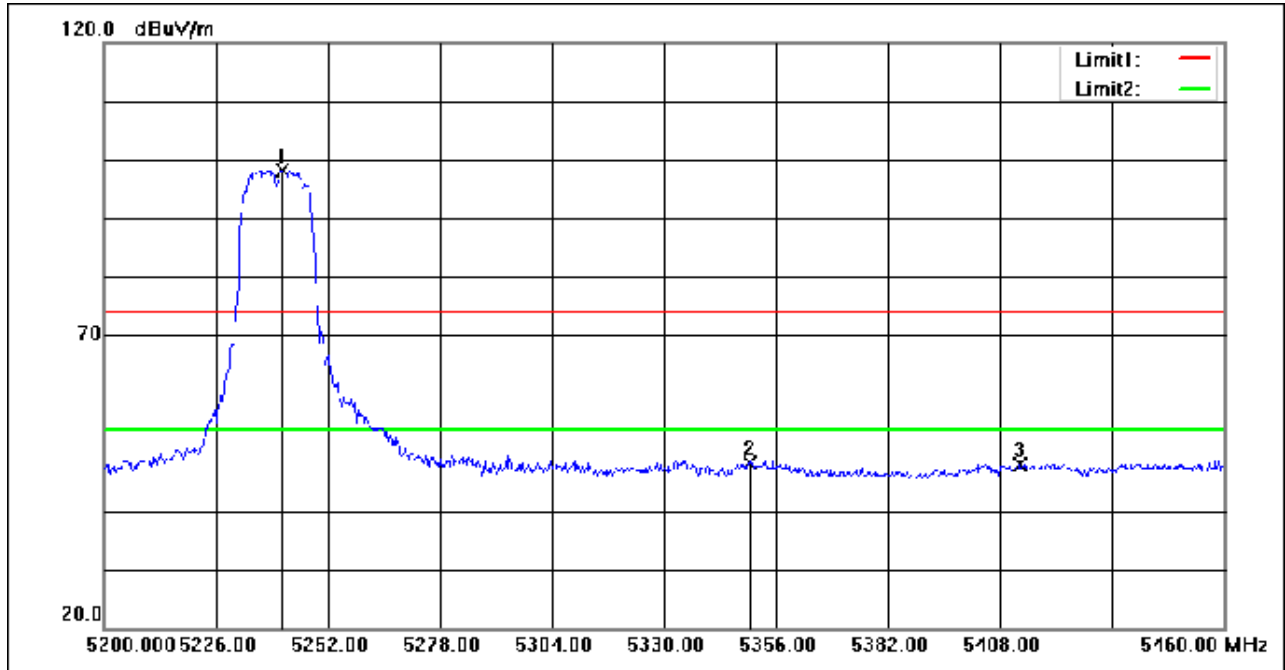
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4990.000	51.70	0.94	52.64	74.00	-21.36	peak
2	5150.000	49.48	1.05	50.53	74.00	-23.47	peak
3	5181.800	102.53	1.07	103.60	74.00	29.60	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



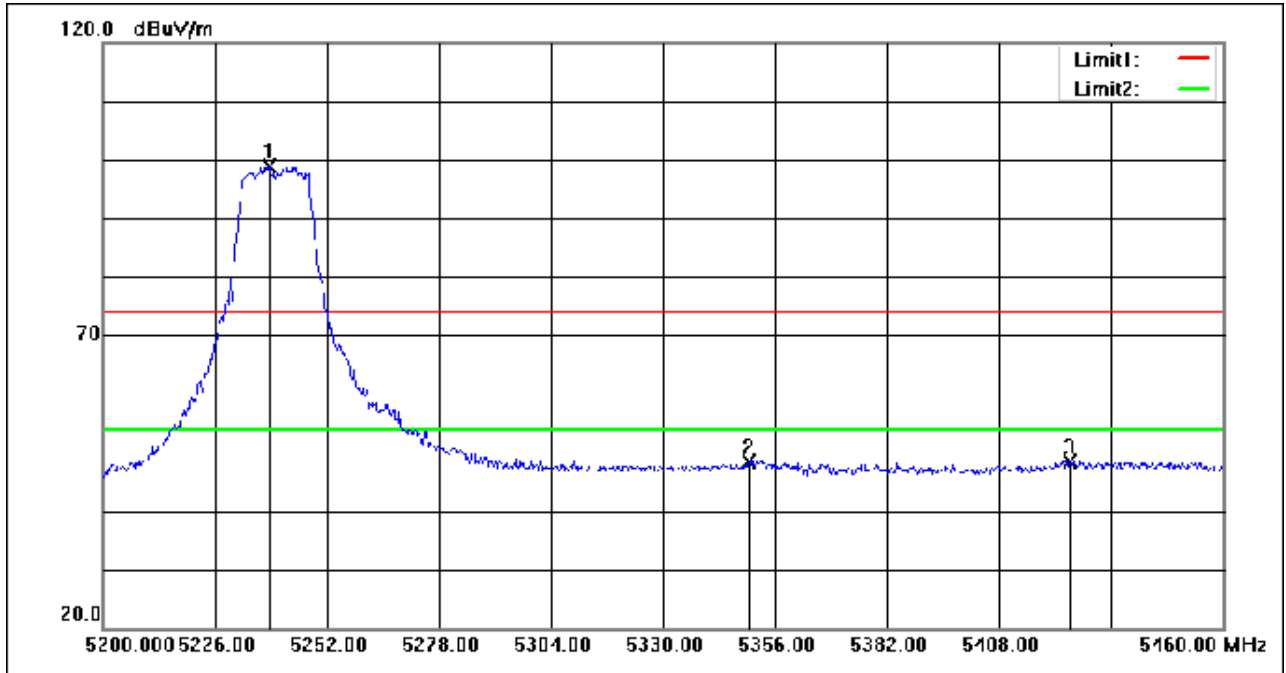
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4897.250	51.58	0.73	52.31	74.00	-21.69	peak
2	5150.000	49.89	1.05	50.94	74.00	-23.06	peak
3	5181.800	104.01	1.07	105.08	74.00	31.08	peak

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



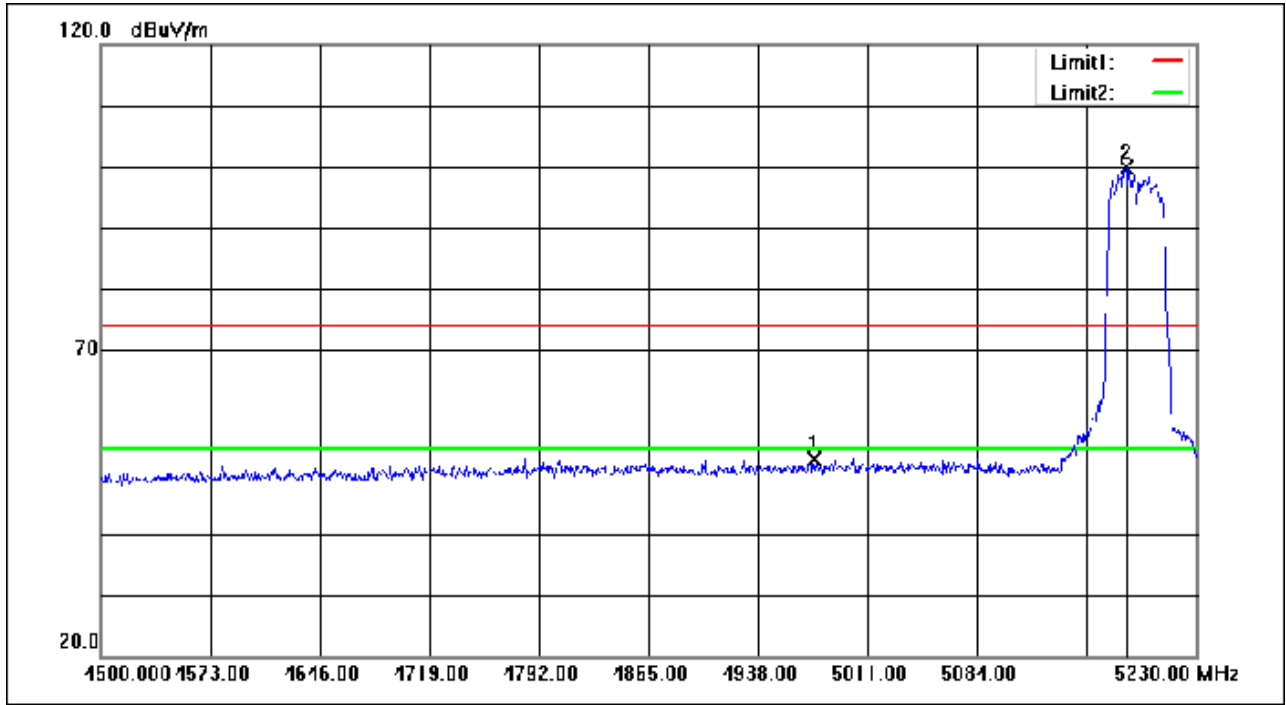
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5241.340	97.12	1.11	98.23	74.00	24.23	peak
2	5350.000	47.04	1.18	48.22	74.00	-25.78	peak
3	5412.680	46.75	1.22	47.97	74.00	-26.03	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5238.480	97.83	1.11	98.94	74.00	24.94	peak
2	5350.000	47.15	1.18	48.33	74.00	-25.67	peak
3	5424.380	47.28	1.22	48.50	74.00	-25.50	peak

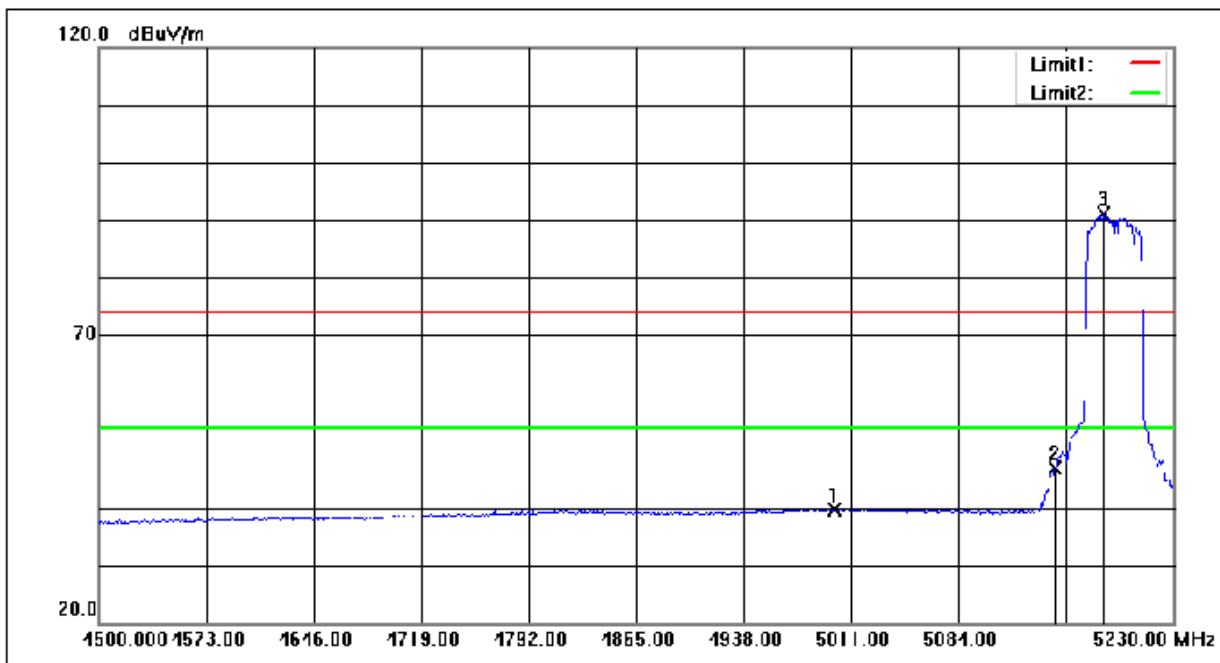
Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4975.230	51.32	0.90	52.22	74.00	-21.78	peak
2	5183.645	98.75	1.07	99.82	74.00	25.82	peak

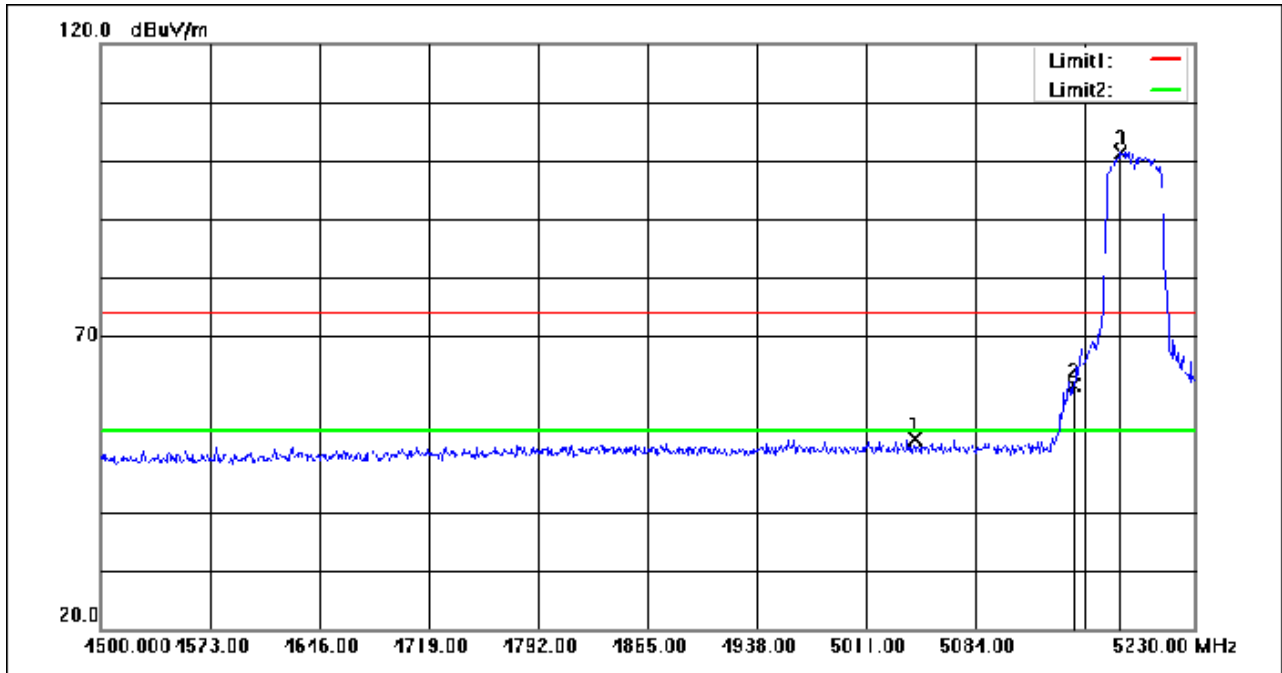


Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



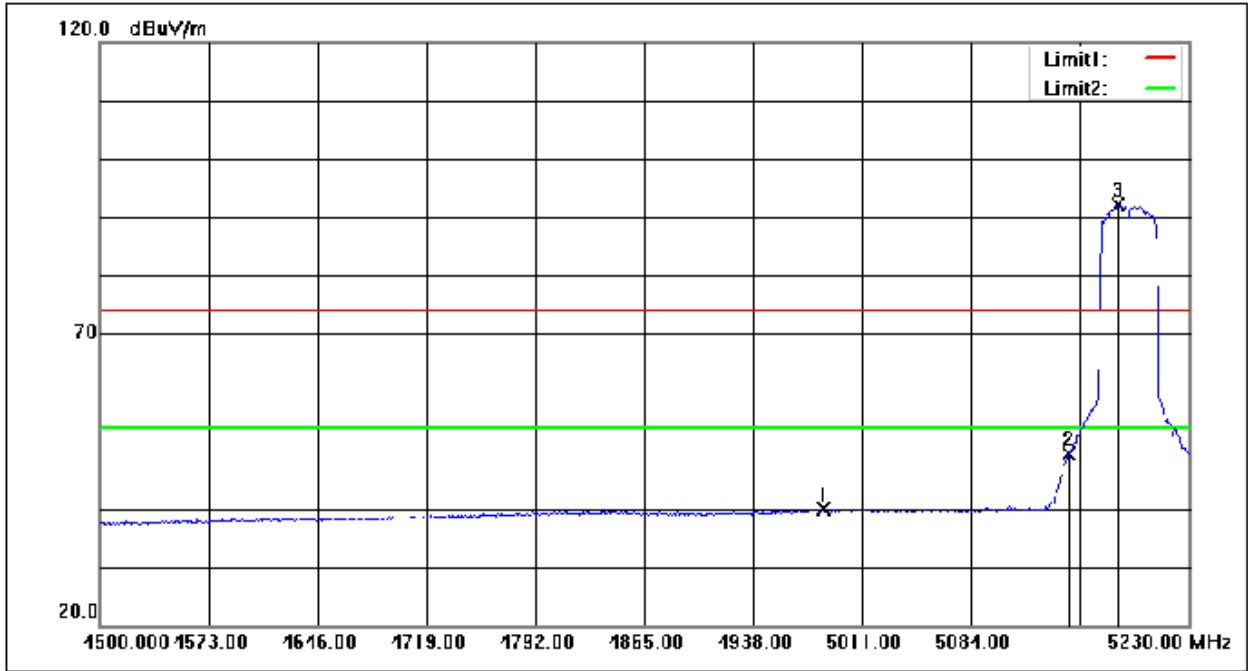
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.415	38.73	0.96	39.69	54.00	-14.31	AVG
2	5150.000	45.90	1.05	46.95	54.00	-7.05	AVG
3	5182.915	89.98	1.07	91.05	74.00	17.05	AVG

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



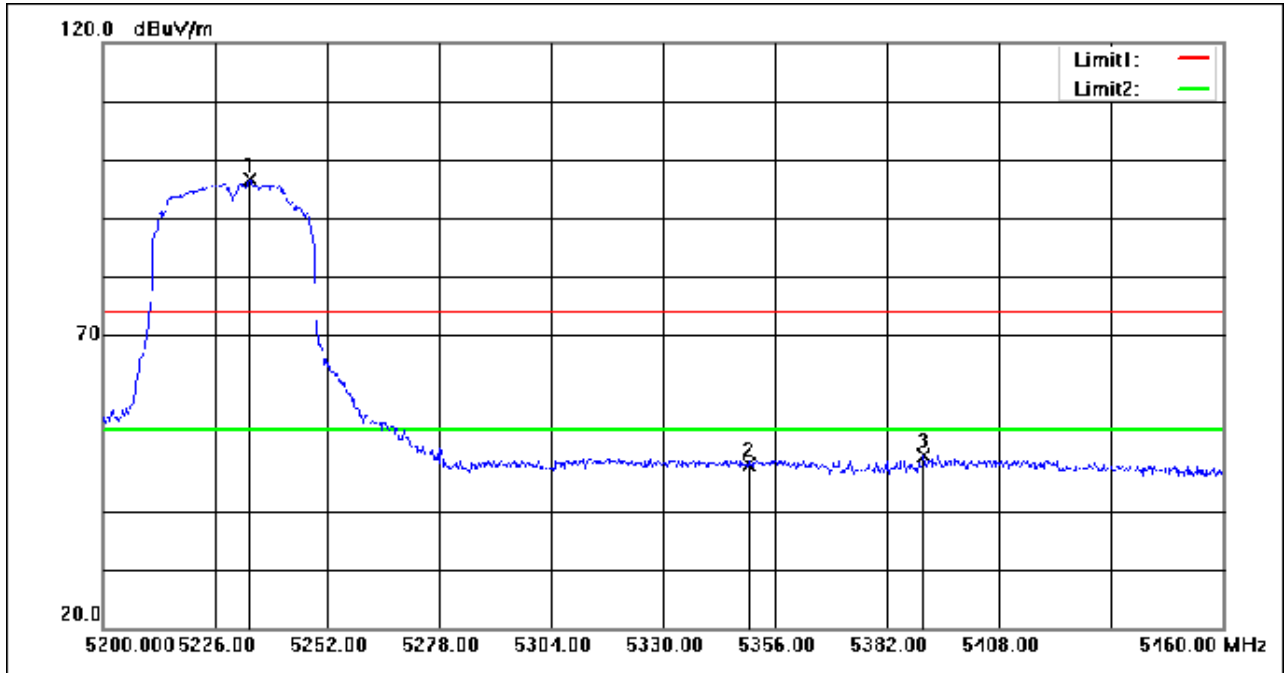
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5044.215	51.46	0.99	52.45	74.00	-21.55	peak
2	5150.000	60.69	1.05	61.74	74.00	-12.26	peak
3	5181.455	100.23	1.07	101.30	74.00	27.30	peak

Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



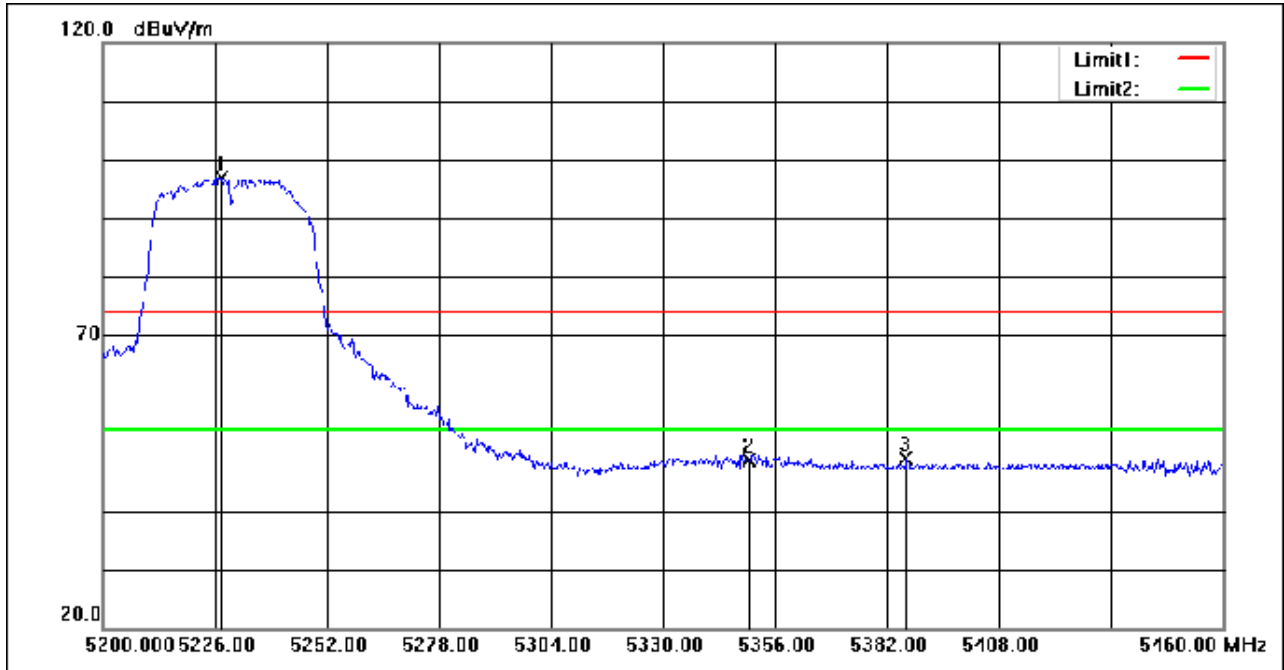
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4985.085	39.05	0.93	39.98	54.00	-14.02	AVG
2	5150.000	48.38	1.05	49.43	54.00	-4.57	AVG
3	5182.915	91.13	1.07	92.20	74.00	18.20	AVG

Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



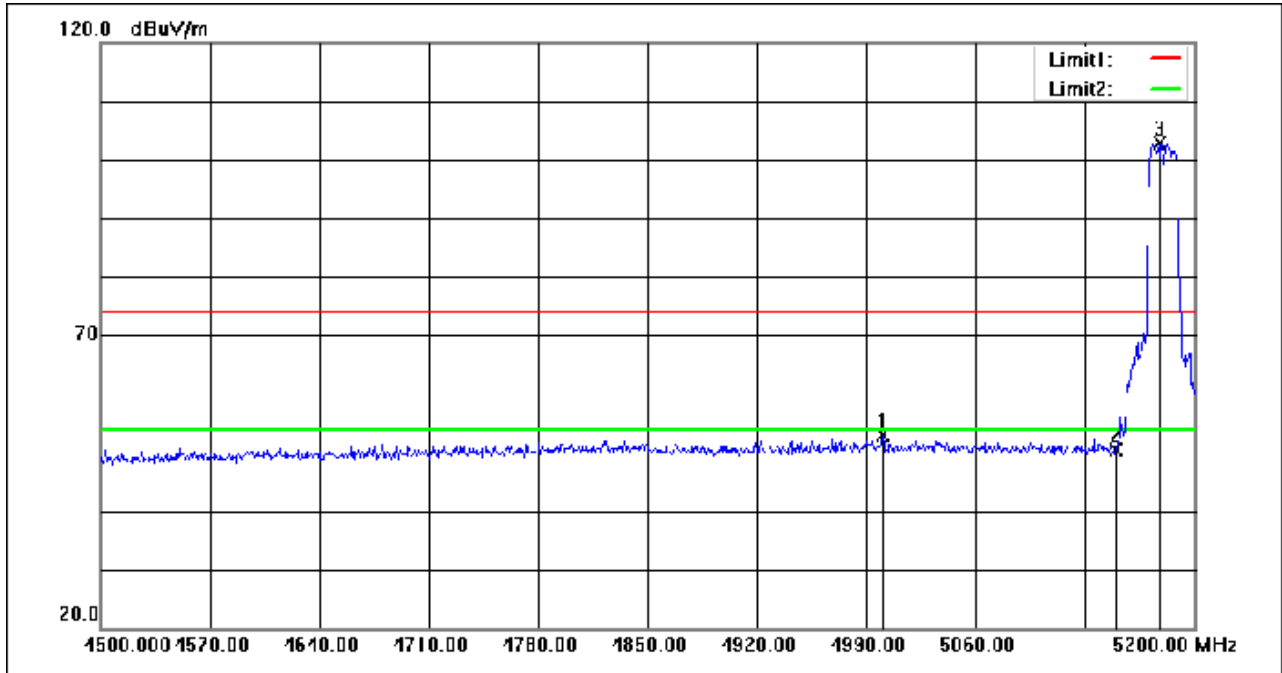
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5234.060	95.56	1.11	96.67	74.00	22.67	peak
2	5350.000	46.58	1.18	47.76	74.00	-26.24	peak
3	5390.580	48.29	1.20	49.49	74.00	-24.51	peak

Mode:e; Polarization: Vertical; Modulation:n; bandwidth:40MHz; Channel:High



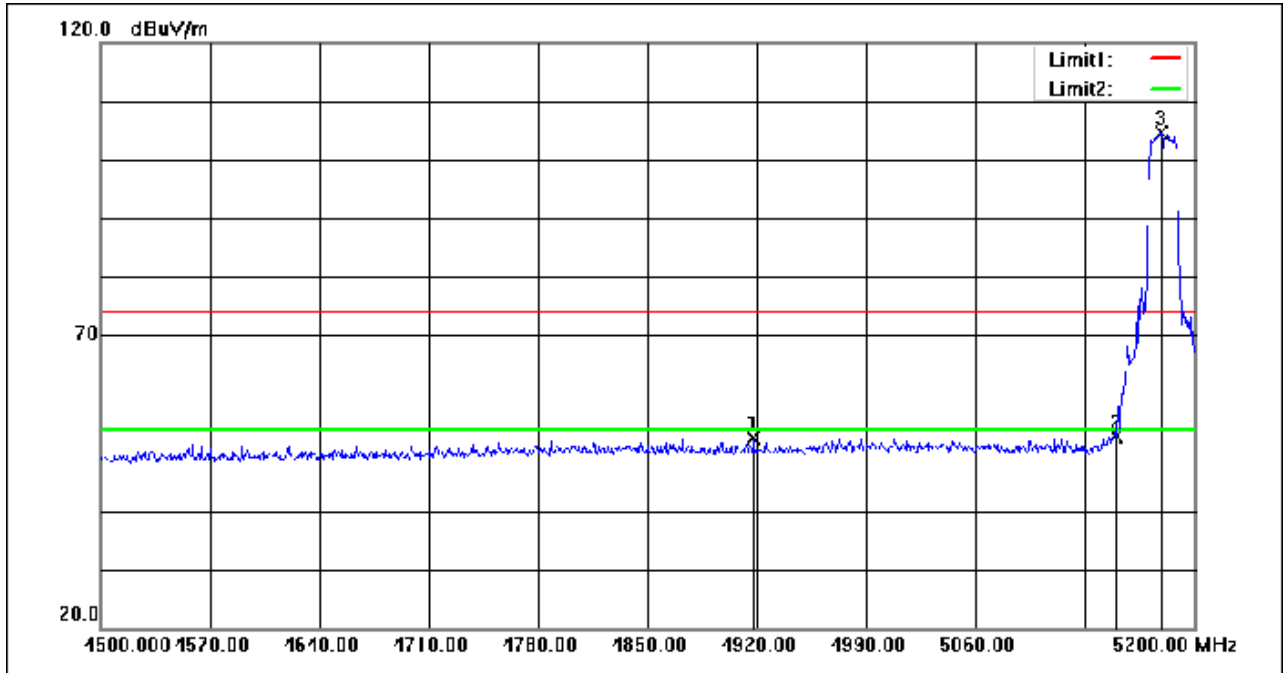
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5227.560	95.85	1.10	96.95	74.00	22.95	peak
2	5350.000	47.40	1.18	48.58	74.00	-25.42	peak
3	5386.420	47.76	1.20	48.96	74.00	-25.04	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



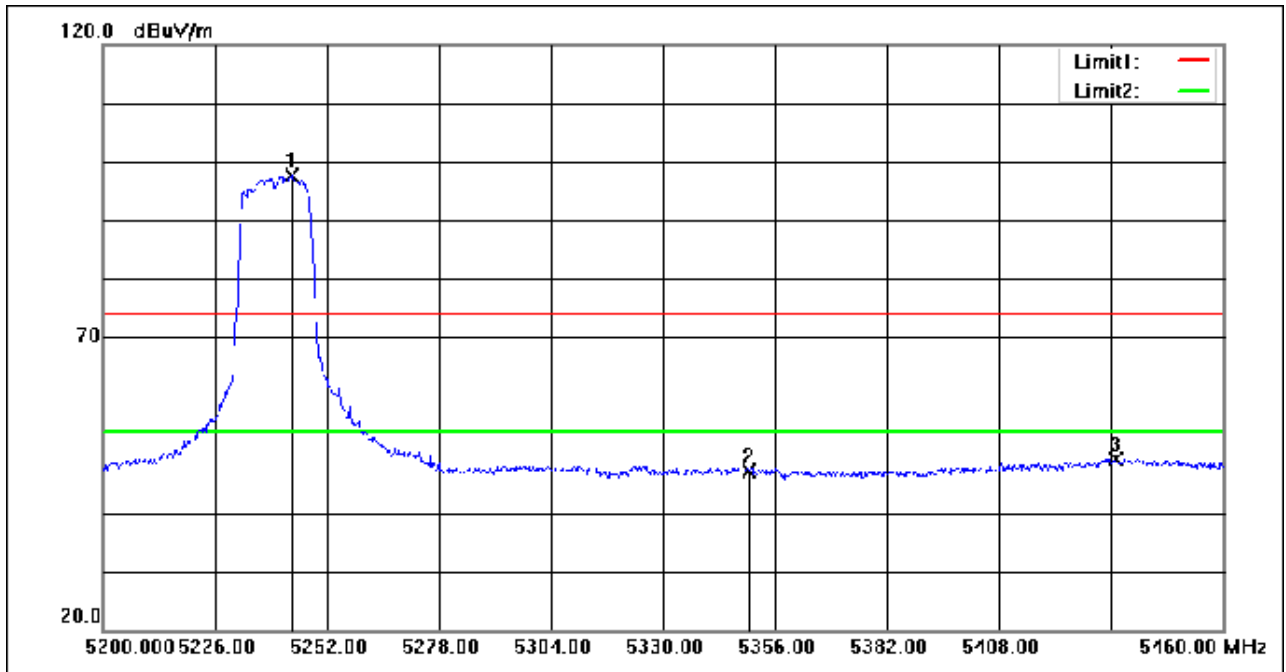
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5000.500	52.02	0.96	52.98	74.00	-21.02	peak
2	5150.000	49.24	1.05	50.29	74.00	-23.71	peak
3	5177.600	101.81	1.07	102.88	74.00	28.88	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4918.250	51.65	0.78	52.43	74.00	-21.57	peak
2	5150.000	51.64	1.05	52.69	74.00	-21.31	peak
3	5179.000	103.56	1.07	104.63	74.00	30.63	peak

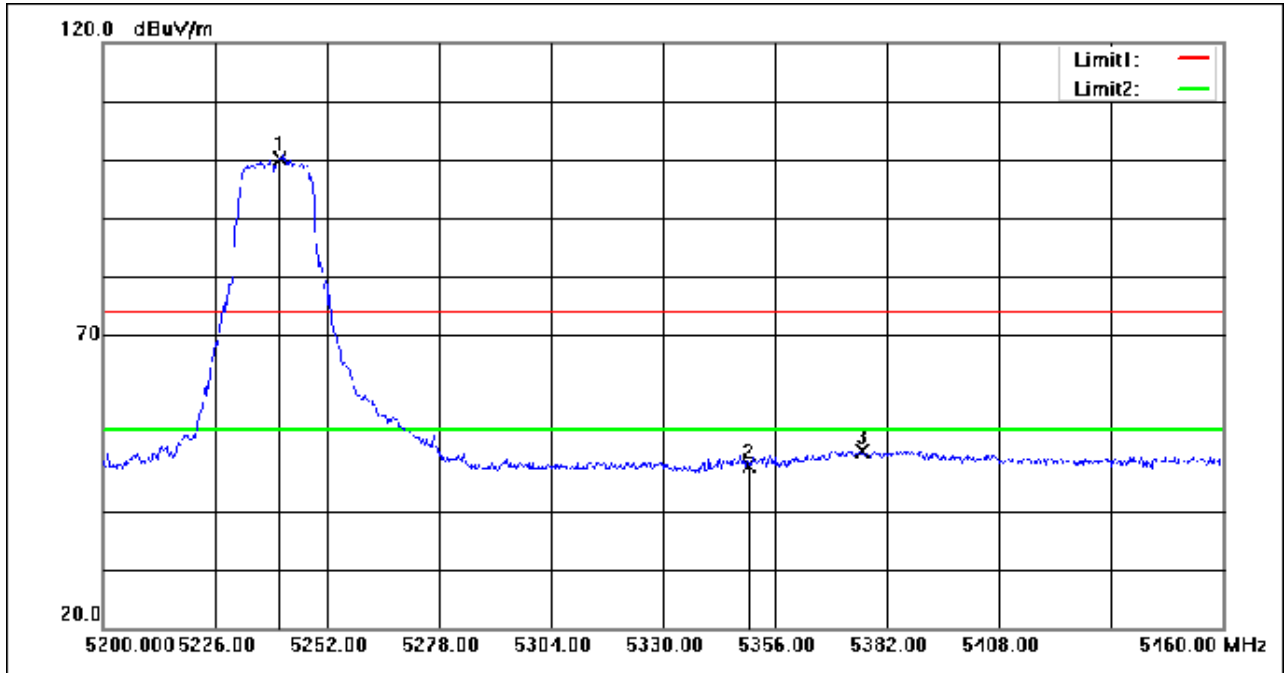
Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5243.940	96.49	1.11	97.60	74.00	23.60	peak
2	5350.000	45.90	1.18	47.08	74.00	-26.92	peak
3	5435.300	47.90	1.23	49.13	74.00	-24.87	peak

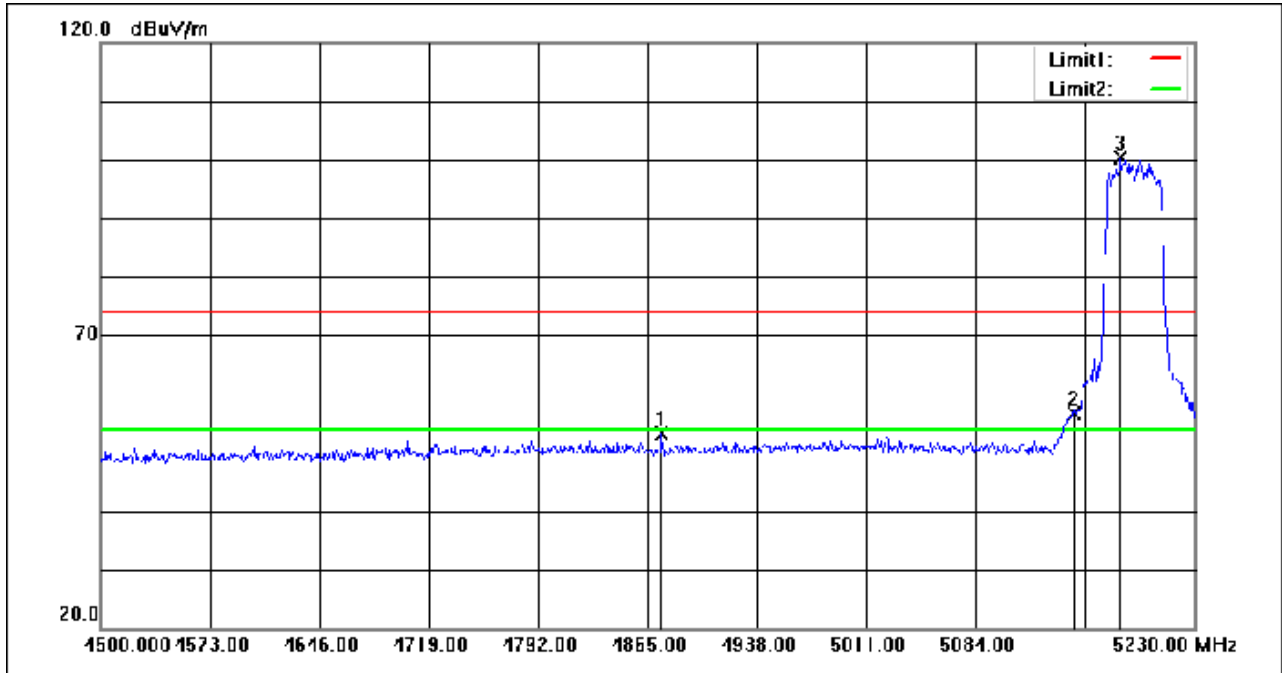


Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



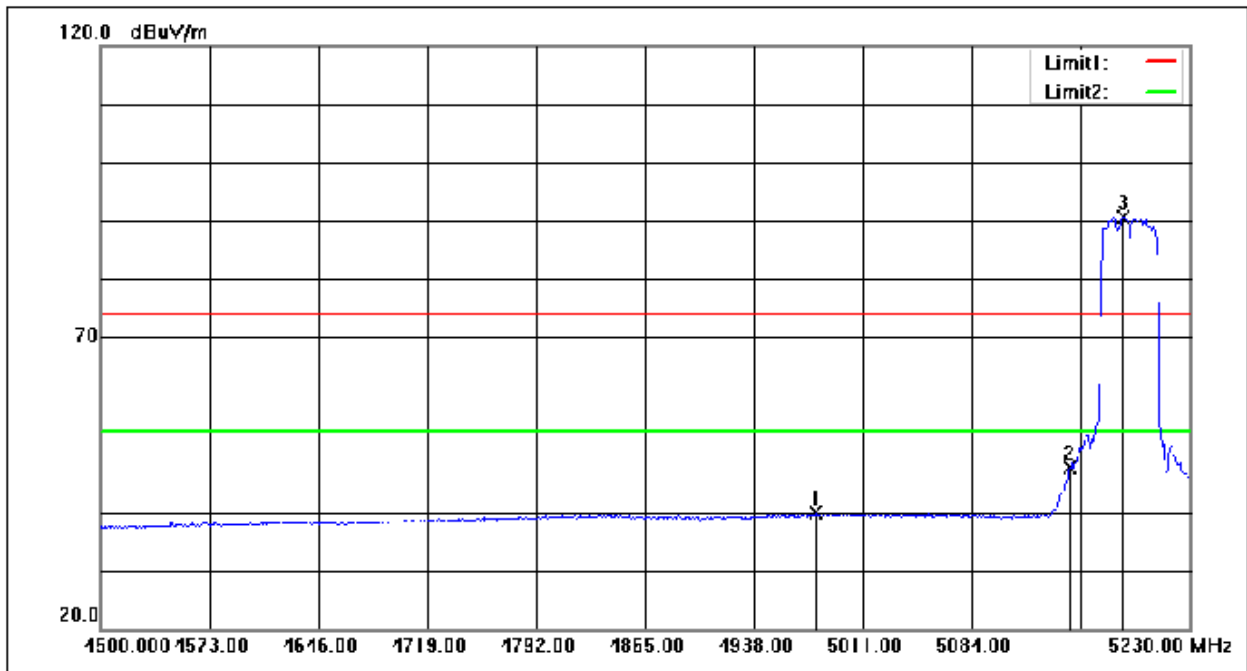
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5241.080	99.01	1.11	100.12	74.00	26.12	peak
2	5350.000	46.57	1.18	47.75	74.00	-26.25	peak
3	5376.280	49.03	1.19	50.22	74.00	-23.78	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



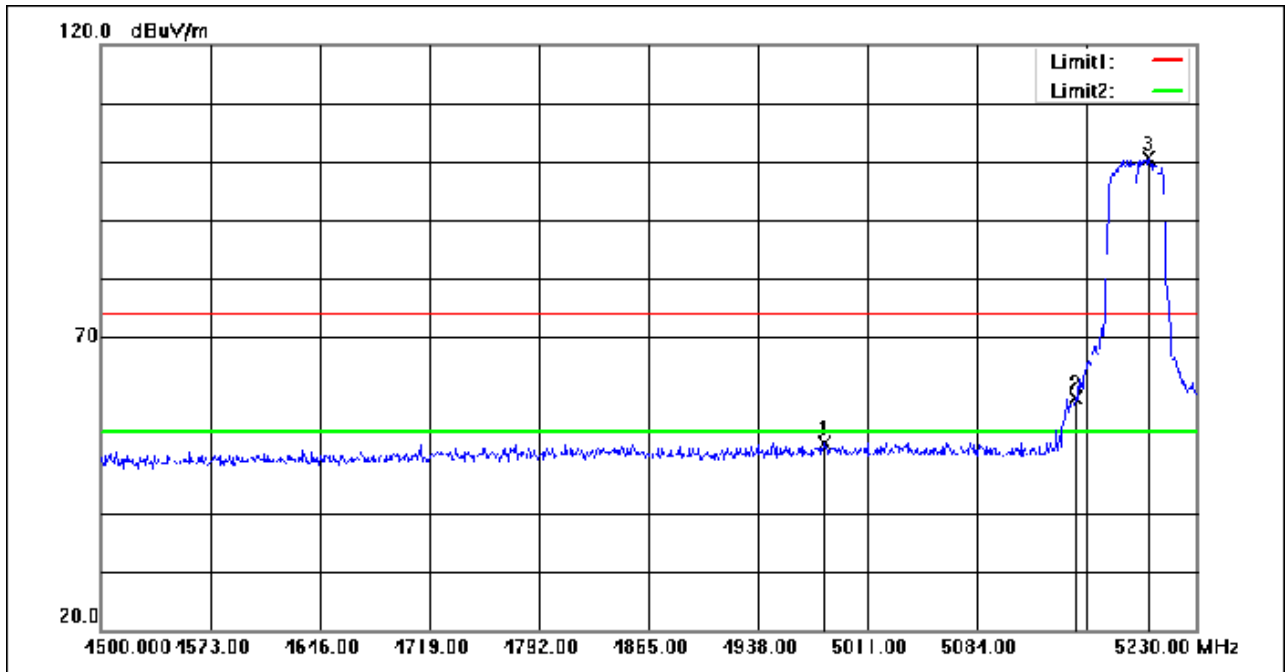
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.125	52.39	0.68	53.07	74.00	-20.93	peak
2	5150.000	55.62	1.05	56.67	74.00	-17.33	peak
3	5180.725	99.33	1.07	100.40	74.00	26.40	peak

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



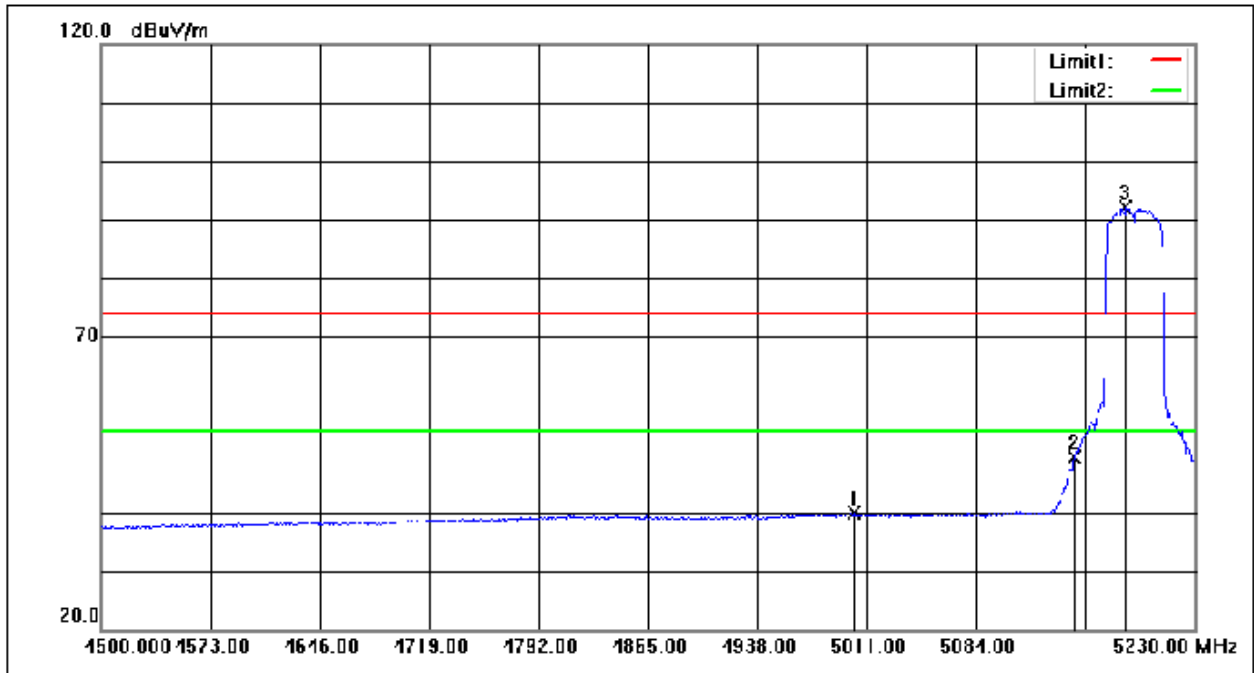
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4979.975	38.88	0.91	39.79	54.00	-14.21	AVG
2	5150.000	46.67	1.05	47.72	54.00	-6.28	AVG
3	5185.470	89.54	1.07	90.61	74.00	16.61	AVG

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



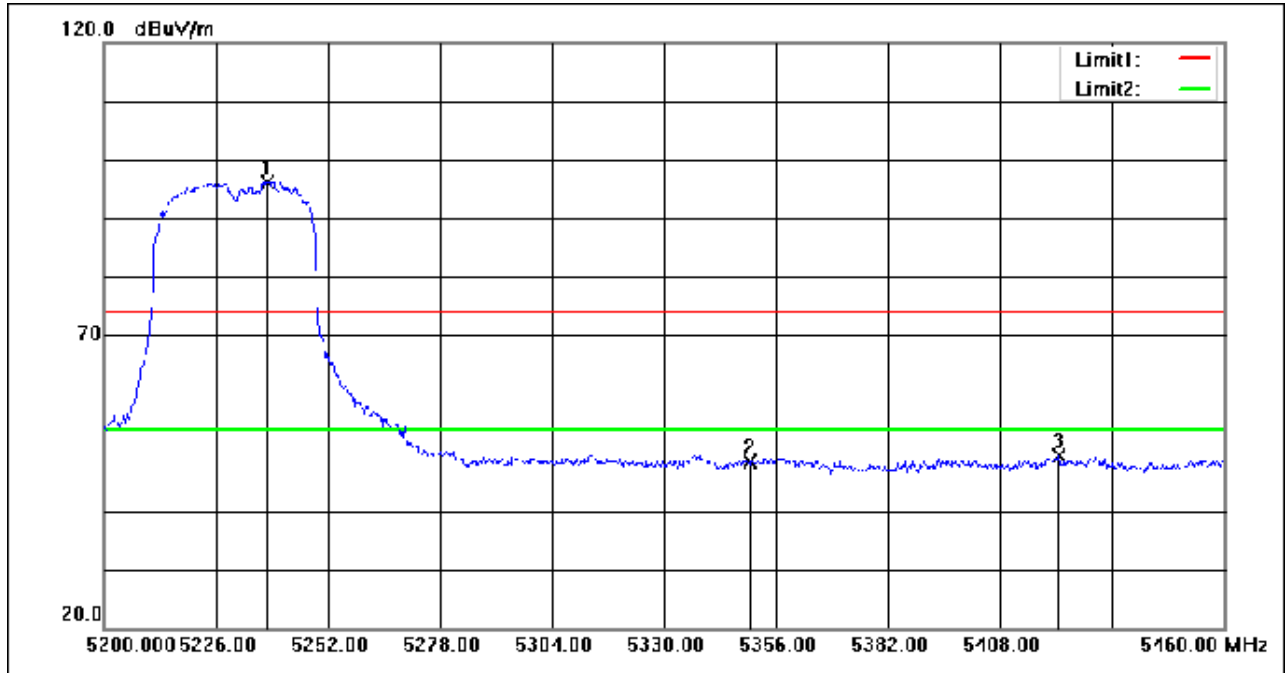
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4982.165	51.04	0.92	51.96	74.00	-22.04	peak
2	5150.000	58.49	1.05	59.54	74.00	-14.46	peak
3	5197.880	99.57	1.08	100.65	74.00	26.65	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



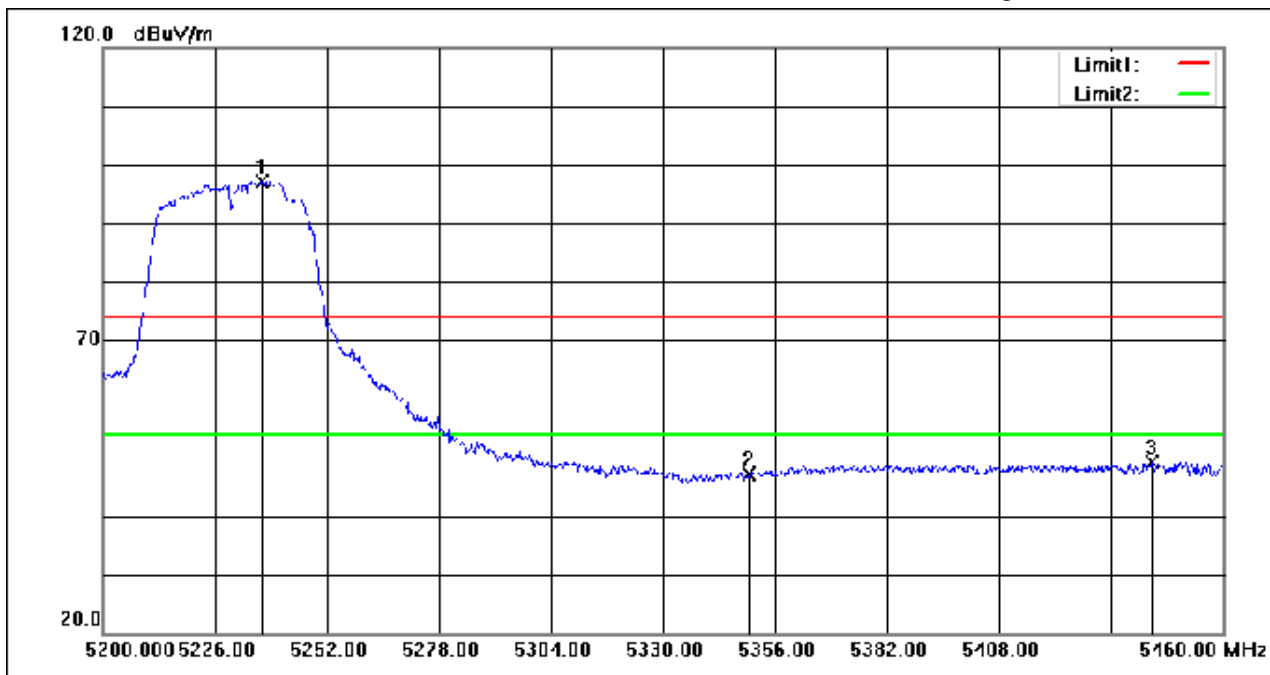
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5003.335	38.81	0.96	39.77	54.00	-14.23	AVG
2	5150.000	48.41	1.05	49.46	54.00	-4.54	AVG
3	5184.375	91.12	1.07	92.19	74.00	18.19	AVG

Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



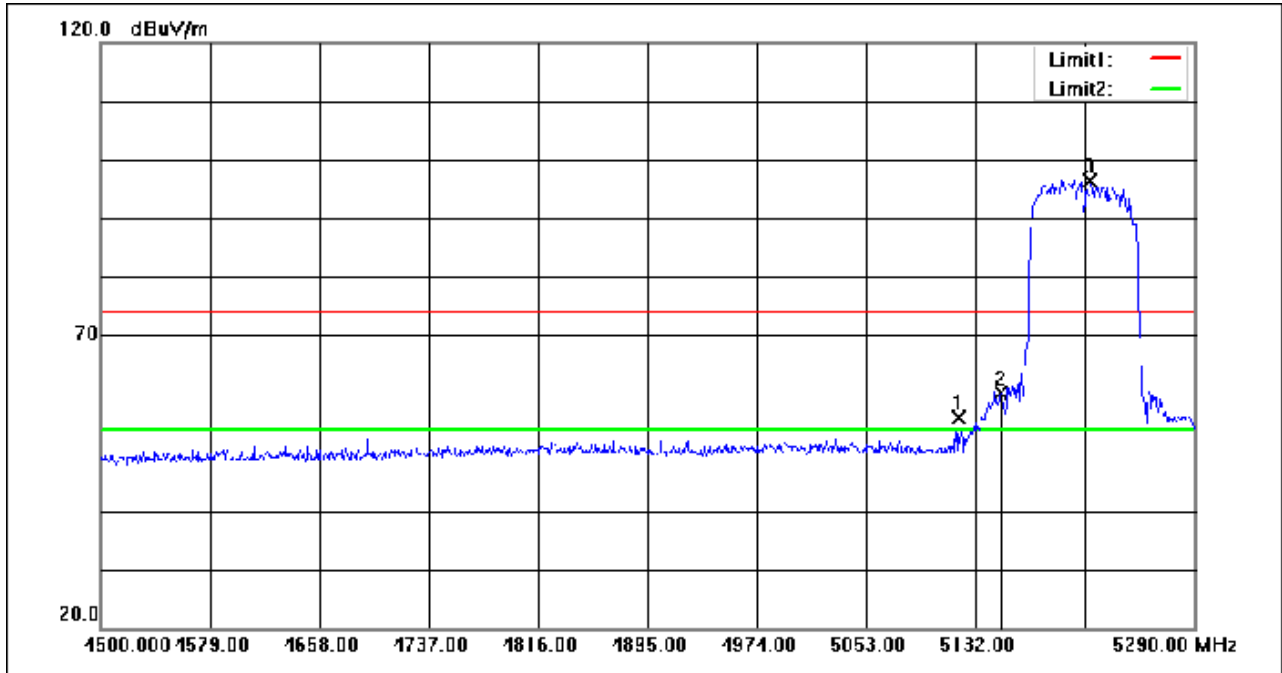
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5237.960	95.13	1.11	96.24	74.00	22.24	peak
2	5350.000	47.08	1.18	48.26	74.00	-25.74	peak
3	5421.780	48.04	1.22	49.26	74.00	-24.74	peak

Mode:e; Polarization: Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5236.920	96.07	1.11	97.18	74.00	23.18	peak
2	5350.000	45.90	1.18	47.08	74.00	-26.92	peak
3	5443.360	47.85	1.23	49.08	74.00	-24.92	peak

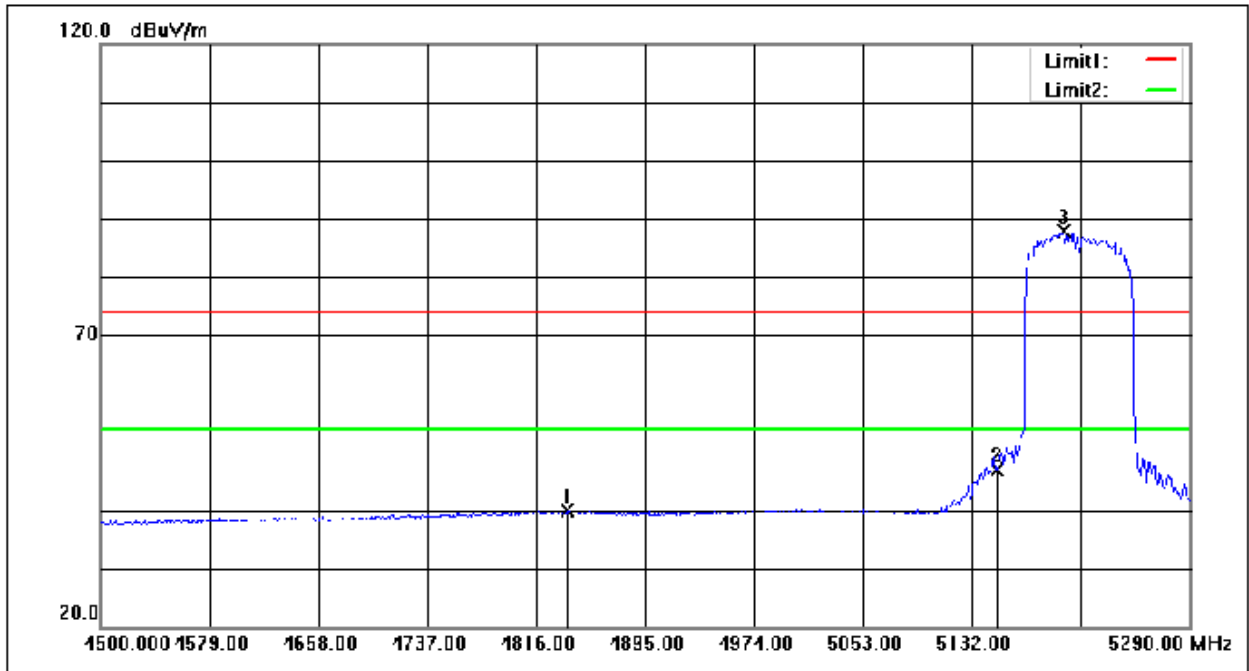
Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5119.755	54.73	1.03	55.76	74.00	-18.24	peak
2	5150.000	59.10	1.05	60.15	74.00	-13.85	peak
3	5215.345	95.40	1.09	96.49	74.00	22.49	peak

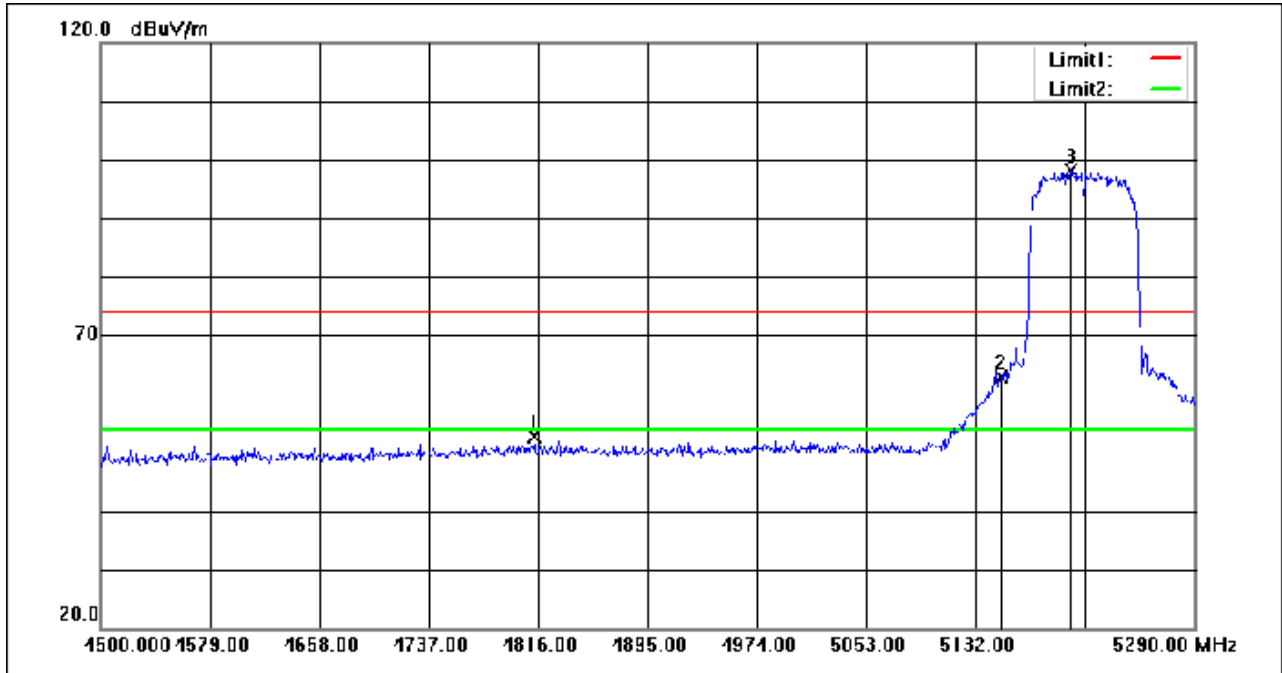


Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



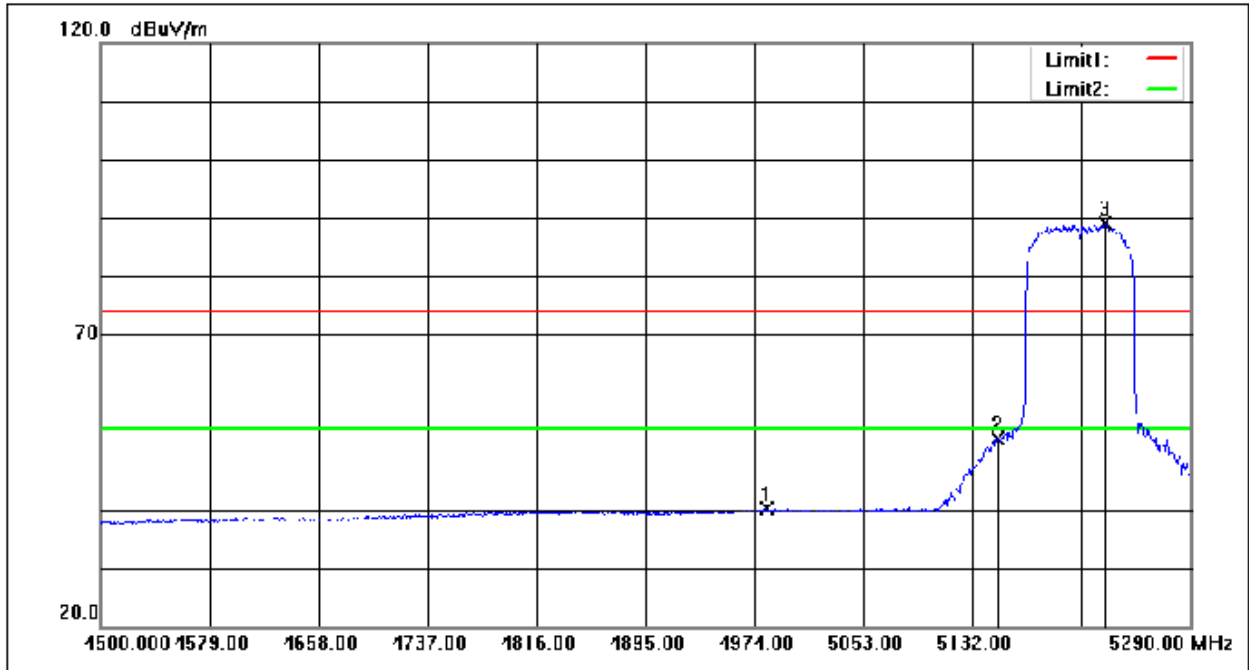
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4838.120	39.38	0.59	39.97	54.00	-14.03	AVG
2	5150.000	45.80	1.05	46.85	54.00	-7.15	AVG
3	5198.755	86.70	1.08	87.78	74.00	13.78	AVG

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



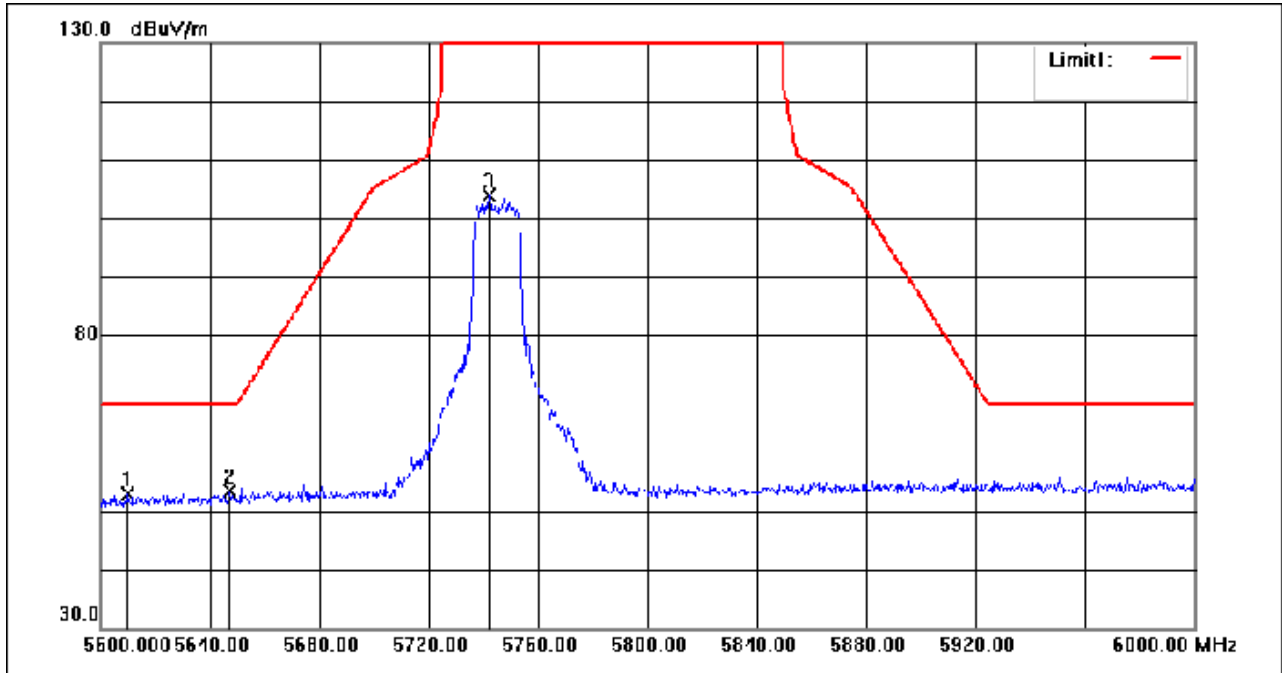
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4814.025	51.98	0.54	52.52	74.00	-21.48	peak
2	5150.000	61.80	1.05	62.85	74.00	-11.15	peak
3	5201.125	97.06	1.08	98.14	74.00	24.14	peak

Mode:e; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



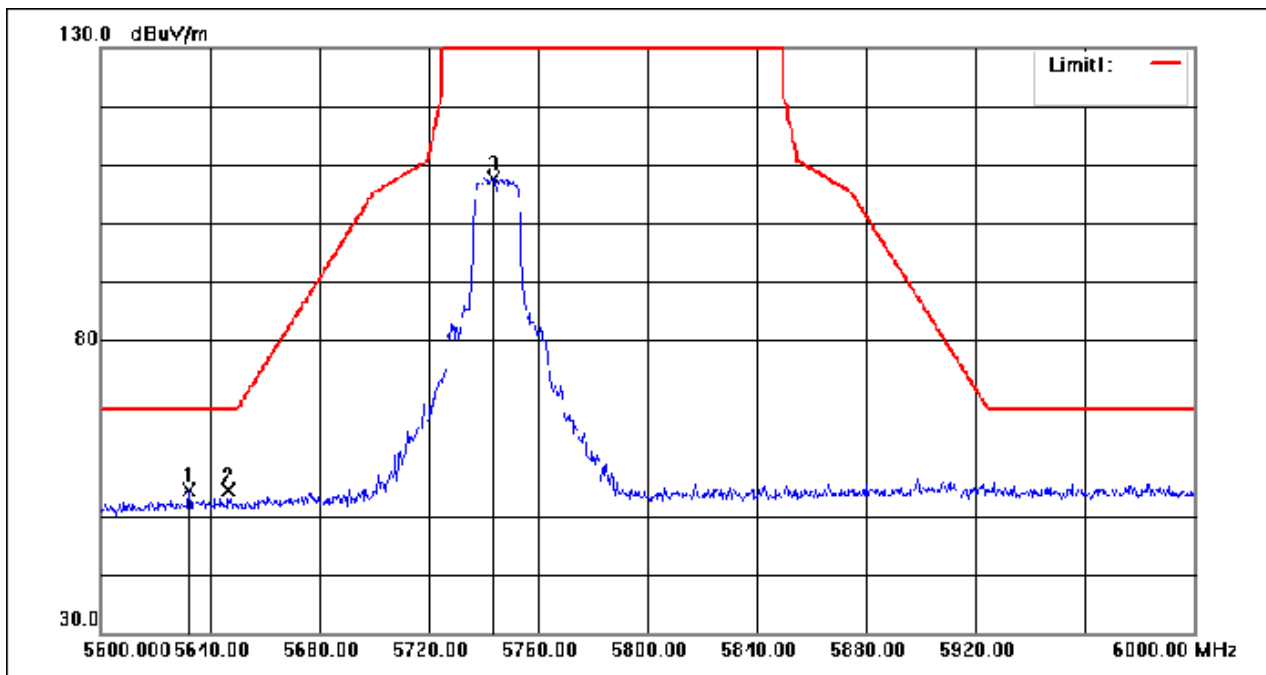
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4982.690	39.19	0.92	40.11	54.00	-13.89	AVG
2	5150.000	50.96	1.05	52.01	54.00	-1.99	AVG
3	5228.775	87.94	1.10	89.04	74.00	15.04	AVG

Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



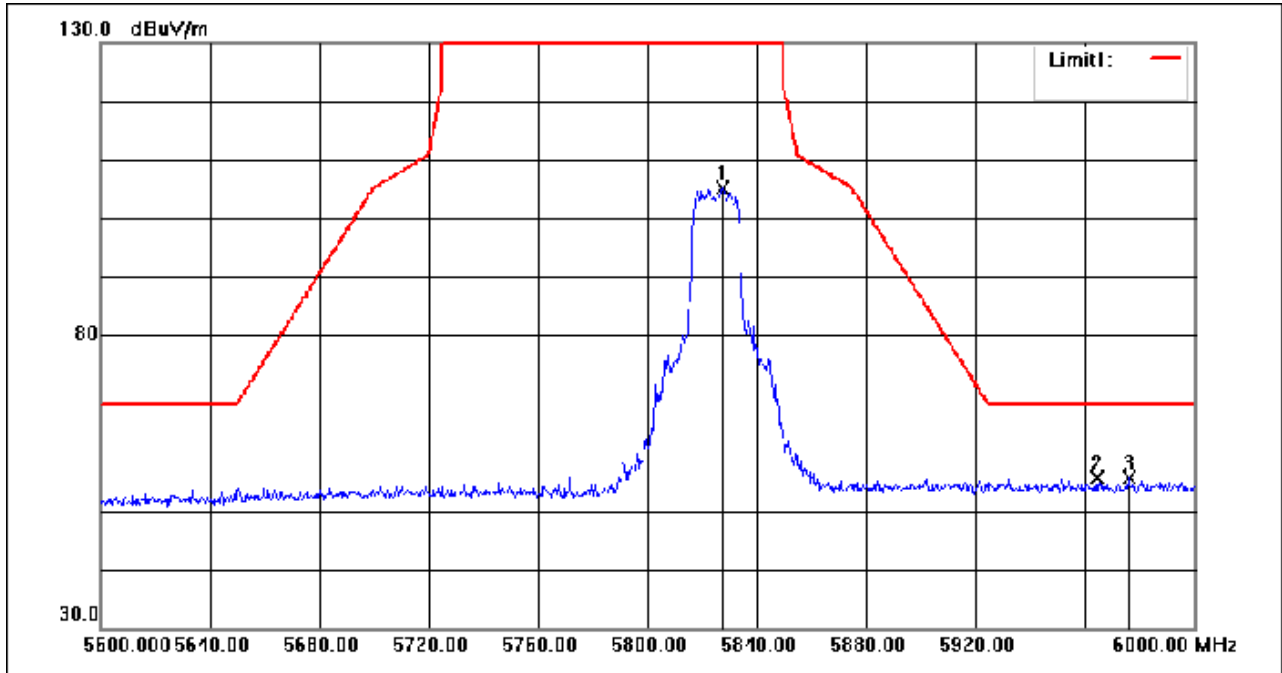
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.200	50.87	1.97	52.84	68.20	-15.36	peak
2	5647.400	51.07	2.20	53.27	68.20	-14.93	peak
3	5742.200	100.98	2.80	103.78	135.00	-31.22	peak

Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



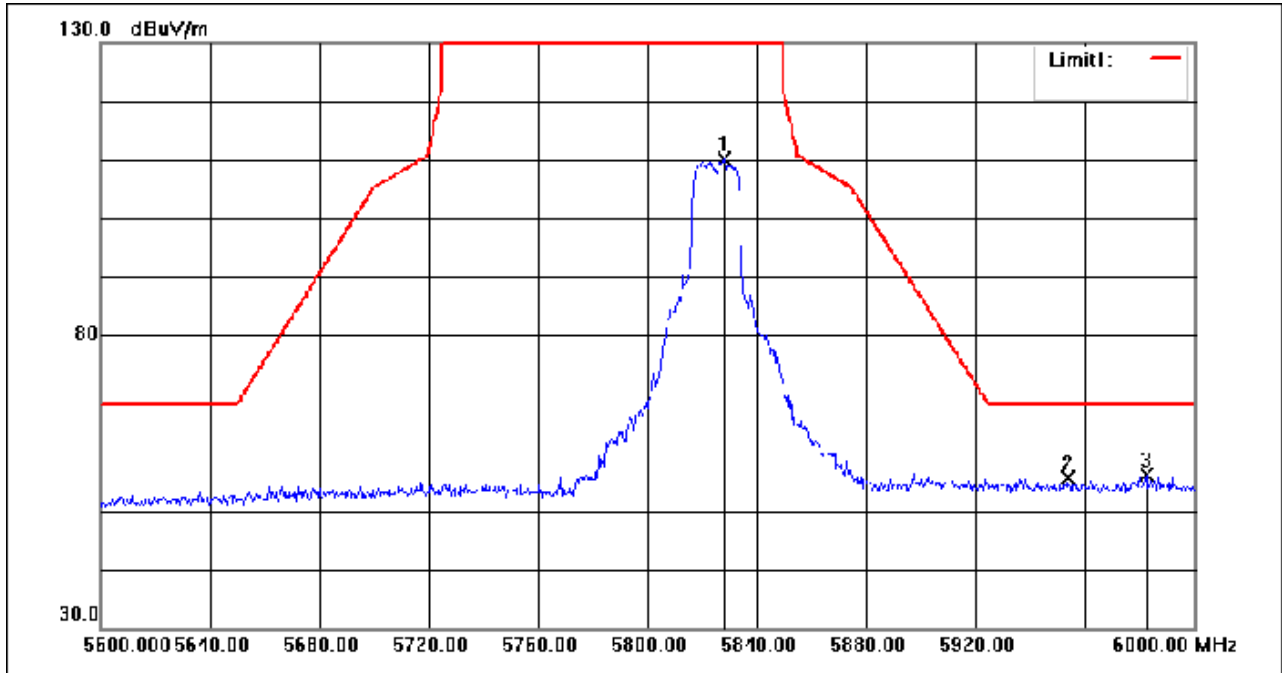
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5632.200	52.33	2.11	54.44	68.20	-13.76	peak
2	5646.600	52.10	2.20	54.30	68.20	-13.90	peak
3	5743.600	104.88	2.81	107.69	135.00	-27.31	peak

Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



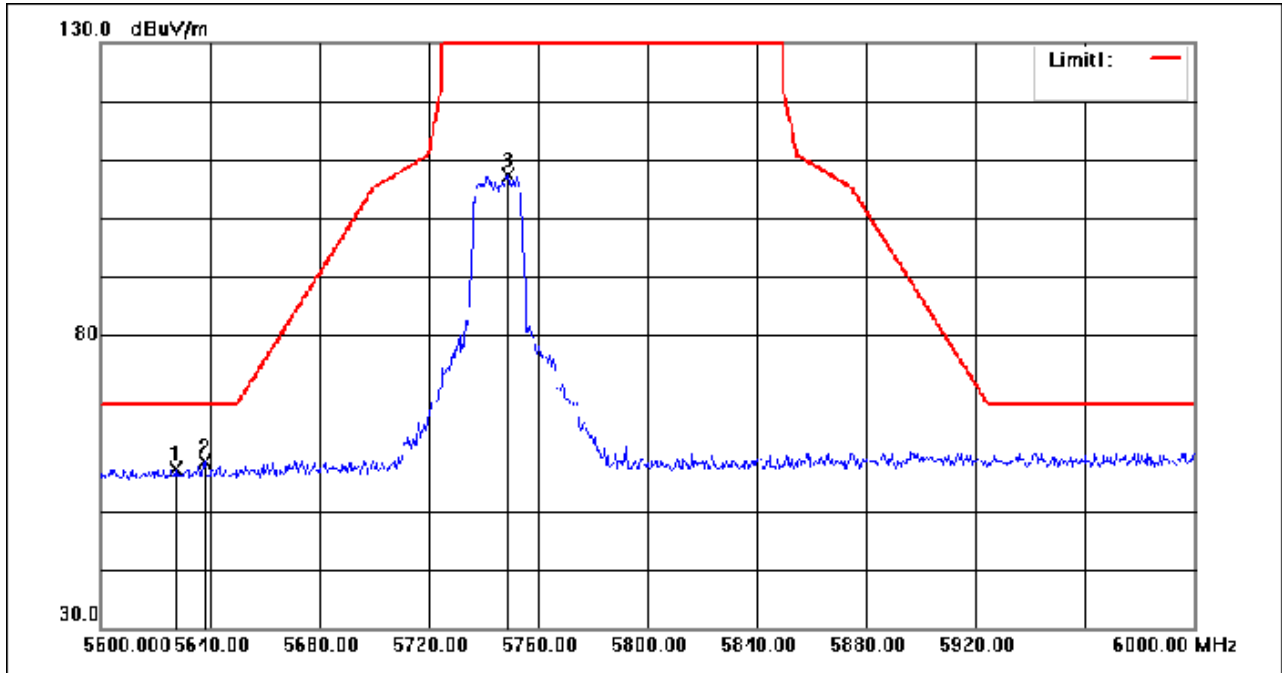
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.400	101.76	3.34	105.10	135.00	-29.90	peak
2	5964.400	51.32	4.21	55.53	68.20	-12.67	peak
3	5976.200	51.45	4.28	55.73	68.20	-12.47	peak

Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.000	106.71	3.34	110.05	135.00	-24.95	peak
2	5953.800	51.43	4.14	55.57	68.20	-12.63	peak
3	5982.600	51.91	4.32	56.23	68.20	-11.97	peak

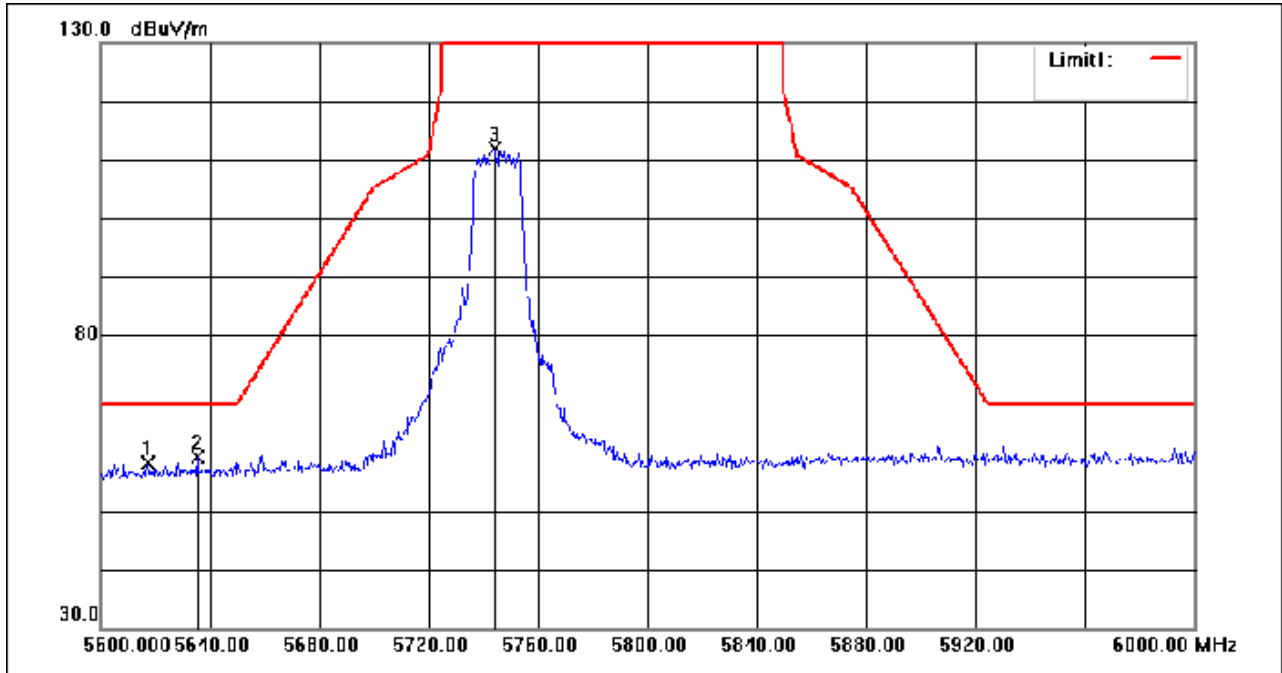
Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5627.600	55.06	2.08	57.14	68.20	-11.06	peak
2	5638.000	56.13	2.14	58.27	68.20	-9.93	peak
3	5748.800	104.48	2.84	107.32	135.00	-27.68	peak

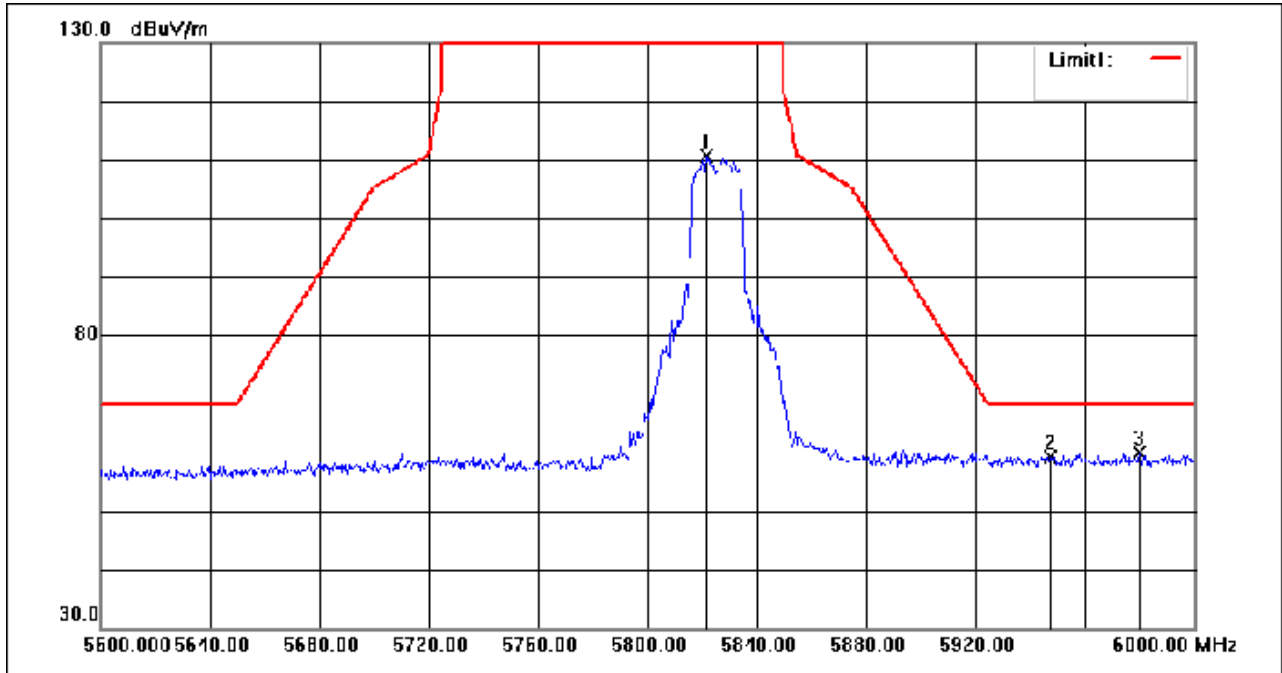


Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



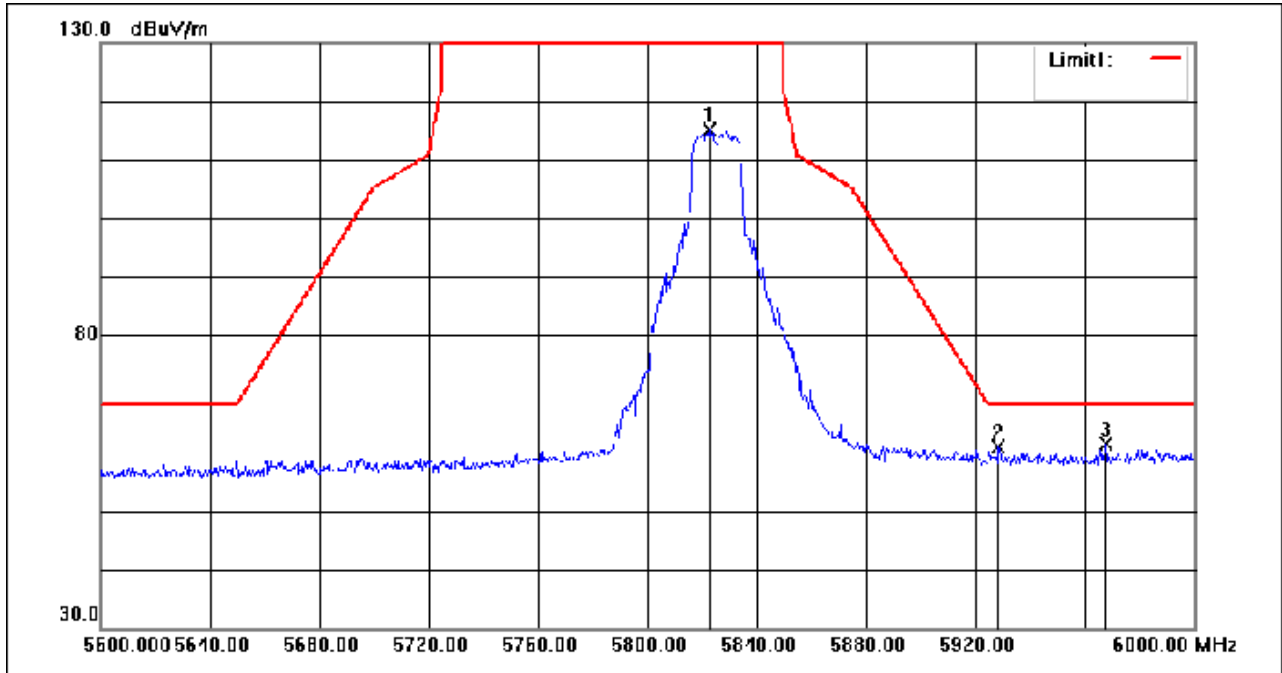
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5617.200	56.02	2.01	58.03	68.20	-10.17	peak
2	5635.200	57.06	2.12	59.18	68.20	-9.02	peak
3	5744.000	108.97	2.81	111.78	135.00	-23.22	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



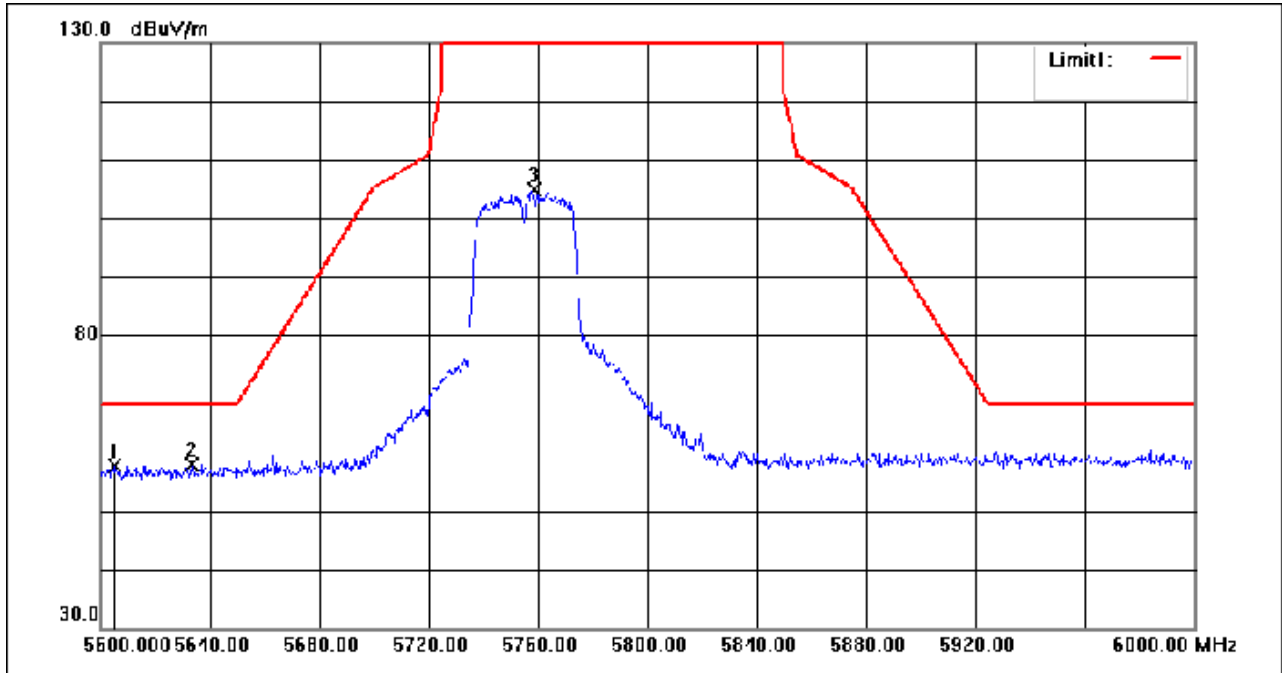
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.600	107.37	3.30	110.67	135.00	-24.33	peak
2	5947.200	55.11	4.10	59.21	68.20	-8.99	peak
3	5980.000	55.55	4.30	59.85	68.20	-8.35	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



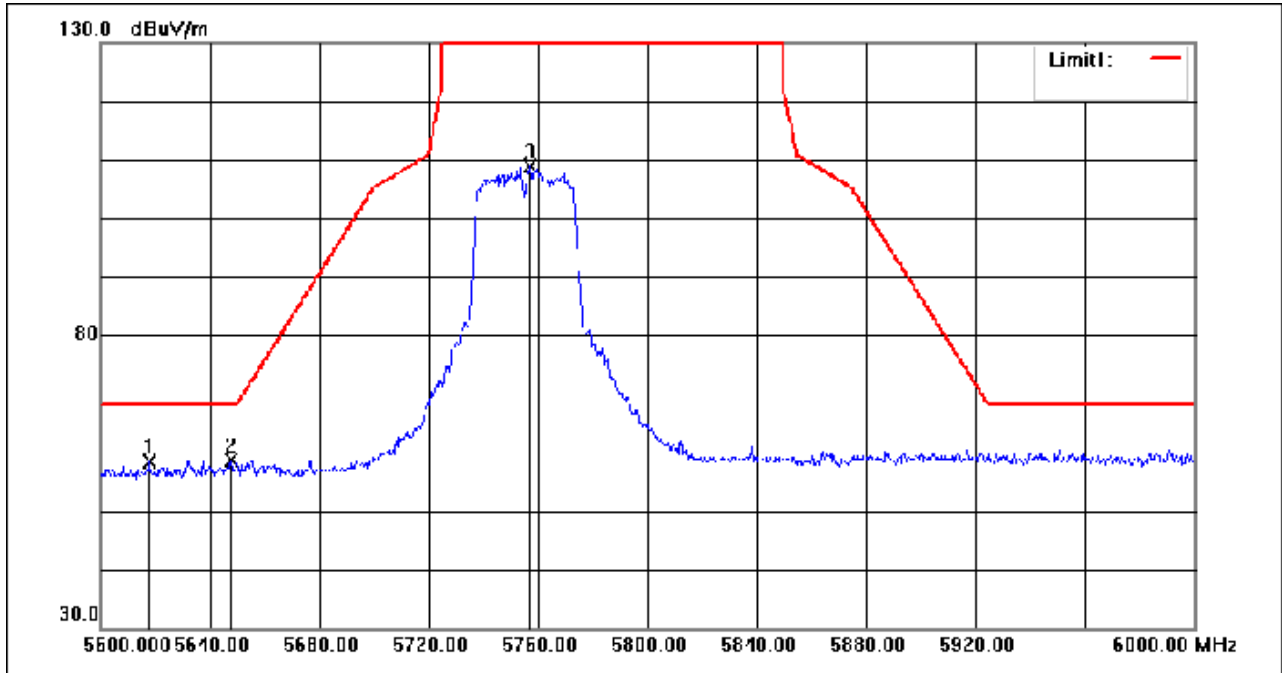
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5822.400	111.70	3.31	115.01	135.00	-19.99	peak
2	5928.400	56.83	3.98	60.81	68.20	-7.39	peak
3	5967.600	57.10	4.23	61.33	68.20	-6.87	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



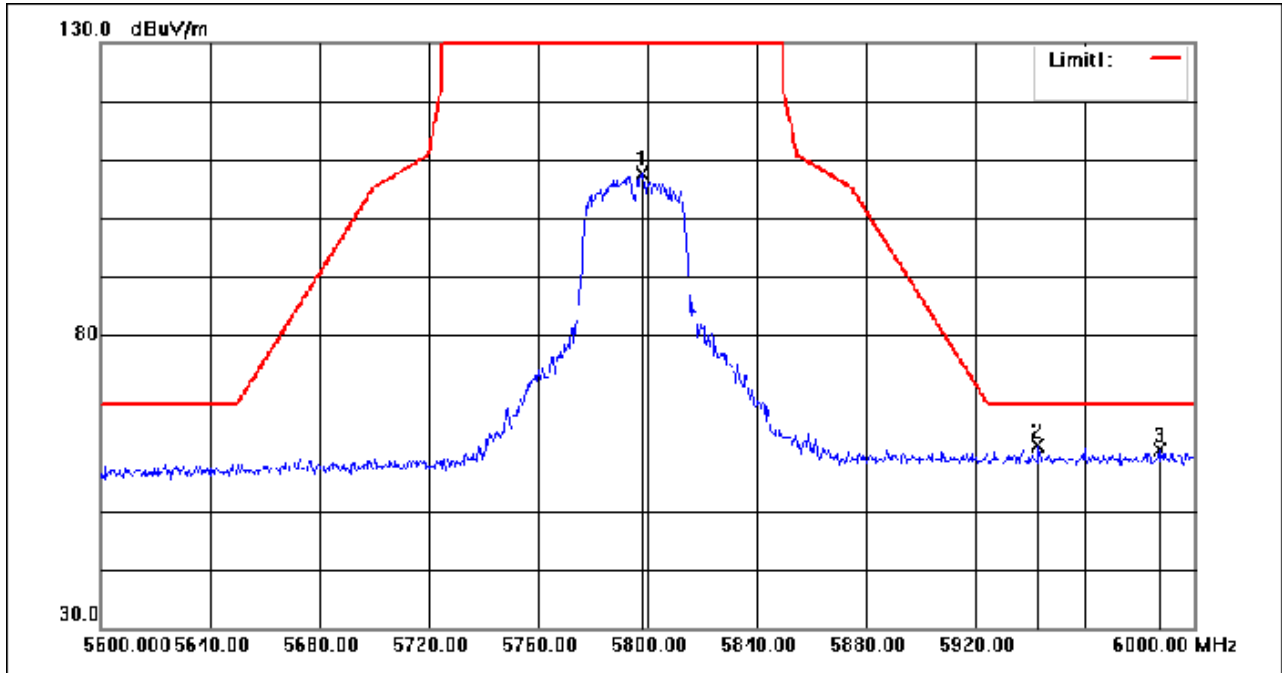
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5605.200	55.74	1.93	57.67	68.20	-10.53	peak
2	5633.200	55.79	2.11	57.90	68.20	-10.30	peak
3	5758.400	101.87	2.90	104.77	135.00	-30.23	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



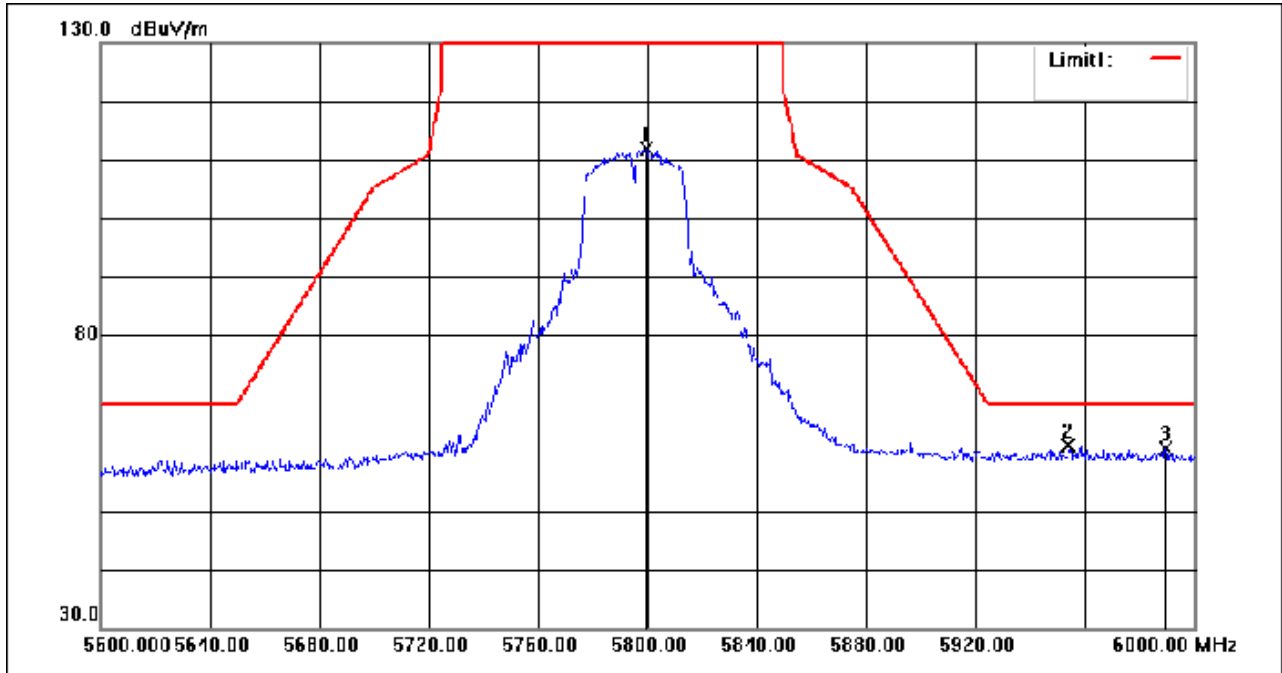
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5617.600	56.25	2.01	58.26	68.20	-9.94	peak
2	5647.600	56.42	2.20	58.62	68.20	-9.58	peak
3	5757.200	106.02	2.90	108.92	135.00	-26.08	peak

Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



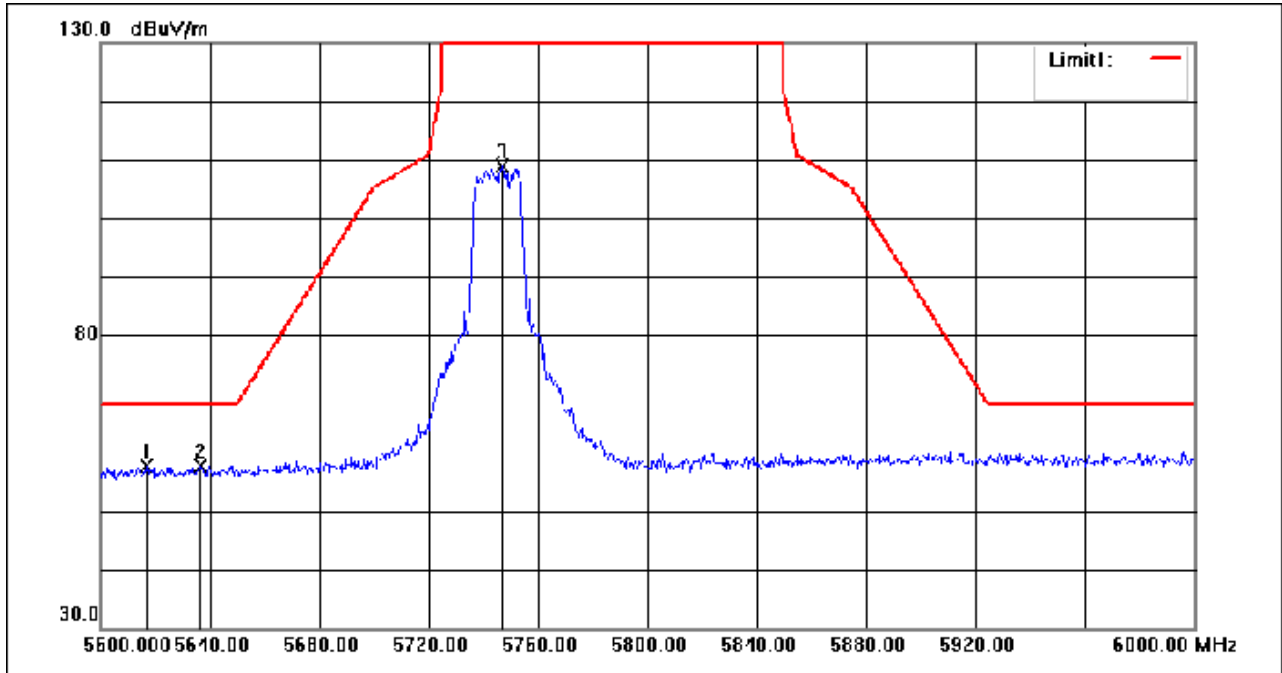
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5798.000	104.38	3.15	107.53	135.00	-27.47	peak
2	5942.800	57.00	4.07	61.07	68.20	-7.13	peak
3	5987.200	56.10	4.35	60.45	68.20	-7.75	peak

Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5799.600	108.60	3.16	111.76	135.00	-23.24	peak
2	5954.000	57.05	4.14	61.19	68.20	-7.01	peak
3	5989.600	56.24	4.36	60.60	68.20	-7.60	peak

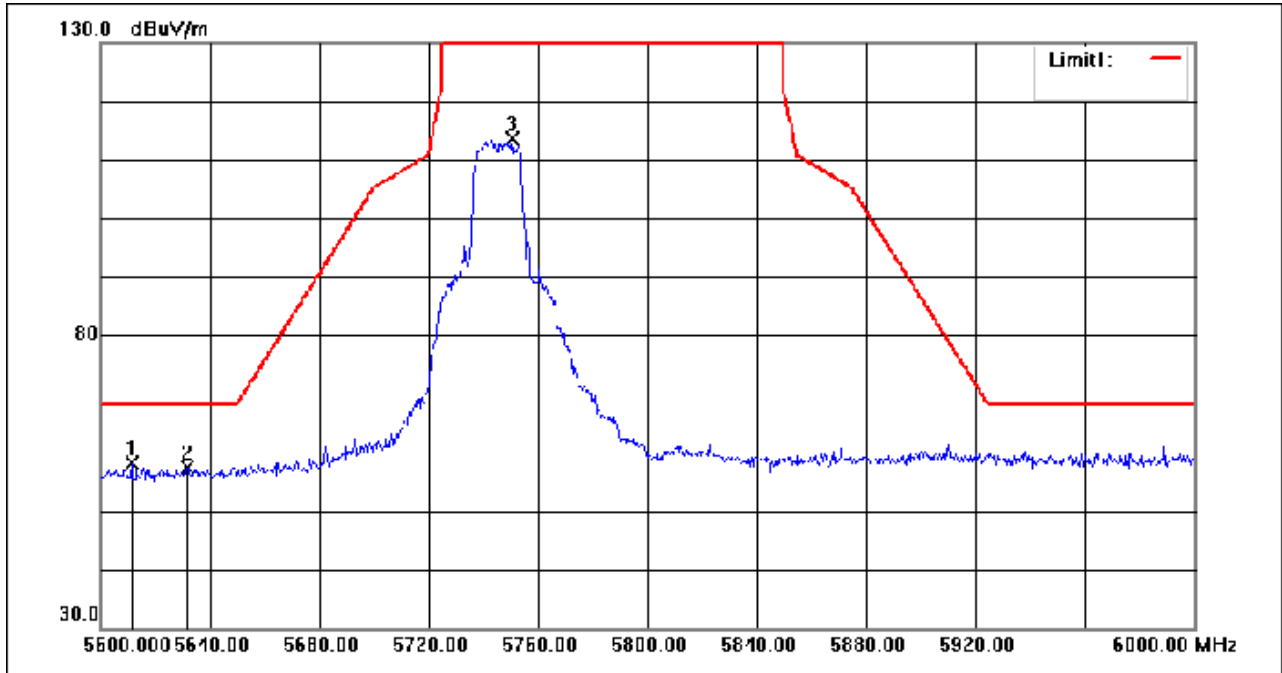
Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.800	55.63	2.01	57.64	68.20	-10.56	peak
2	5636.400	55.42	2.13	57.55	68.20	-10.65	peak
3	5746.800	106.08	2.83	108.91	135.00	-26.09	peak

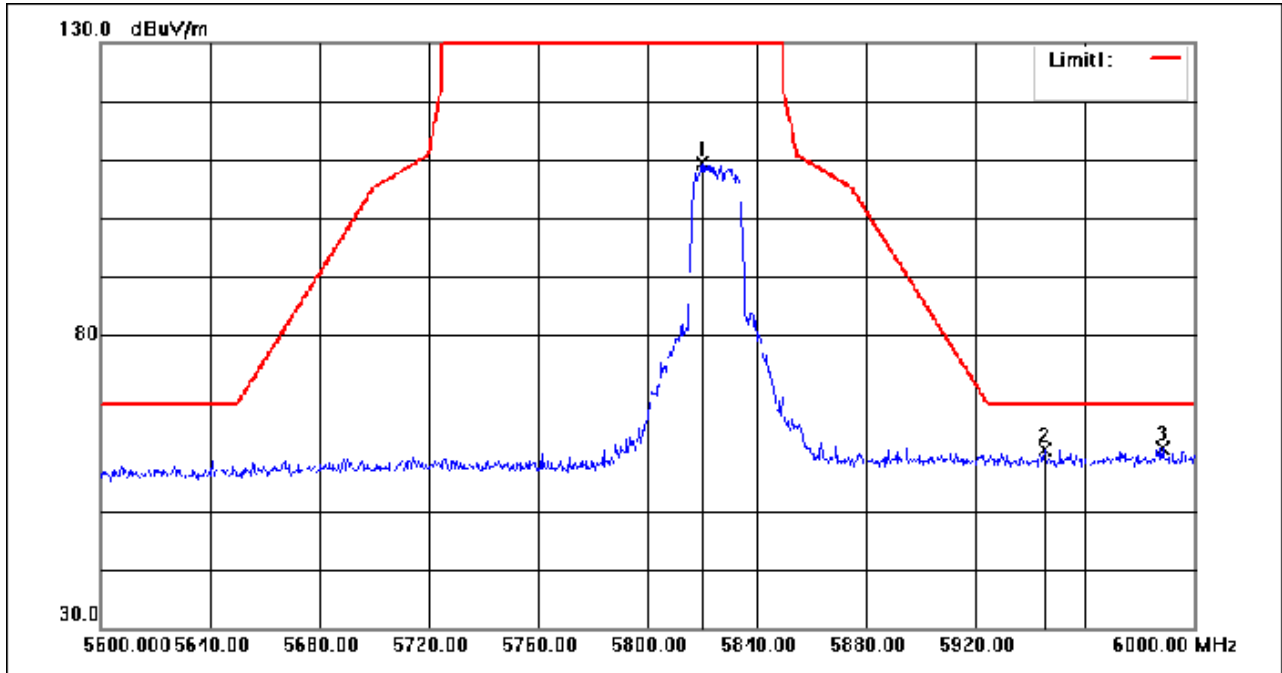


Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



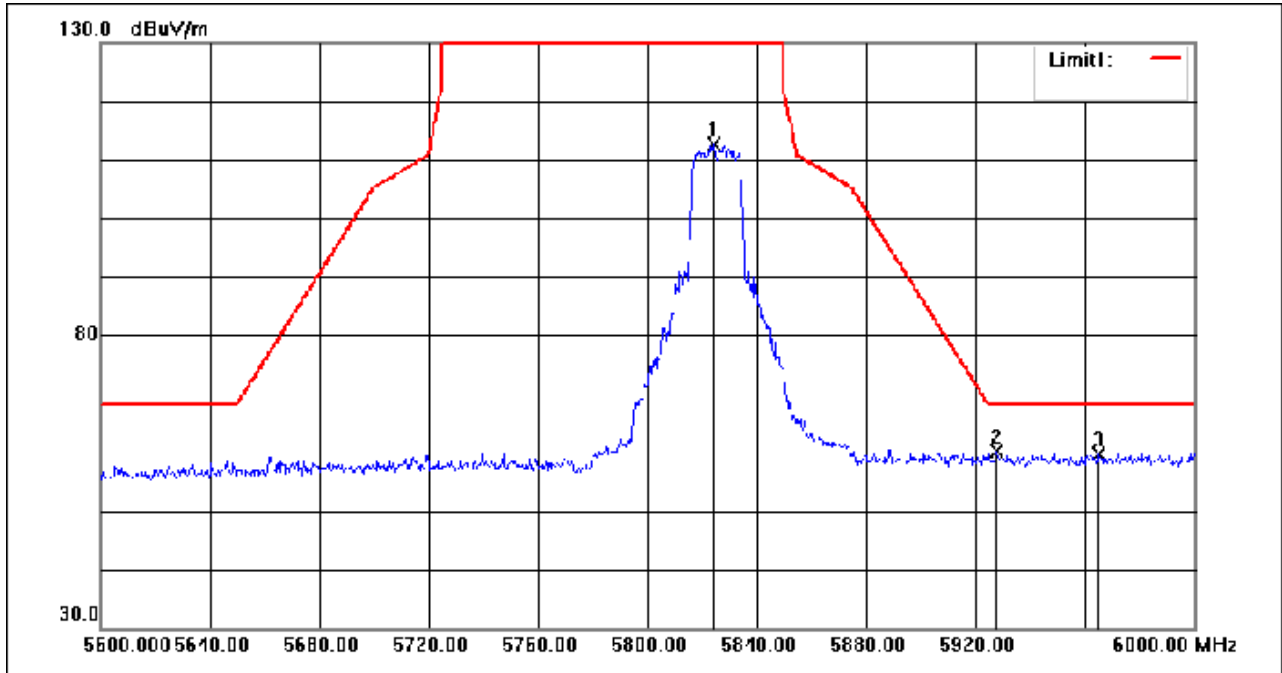
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5611.200	56.06	1.97	58.03	68.20	-10.17	peak
2	5631.600	55.20	2.10	57.30	68.20	-10.90	peak
3	5750.400	110.67	2.85	113.52	135.00	-21.48	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



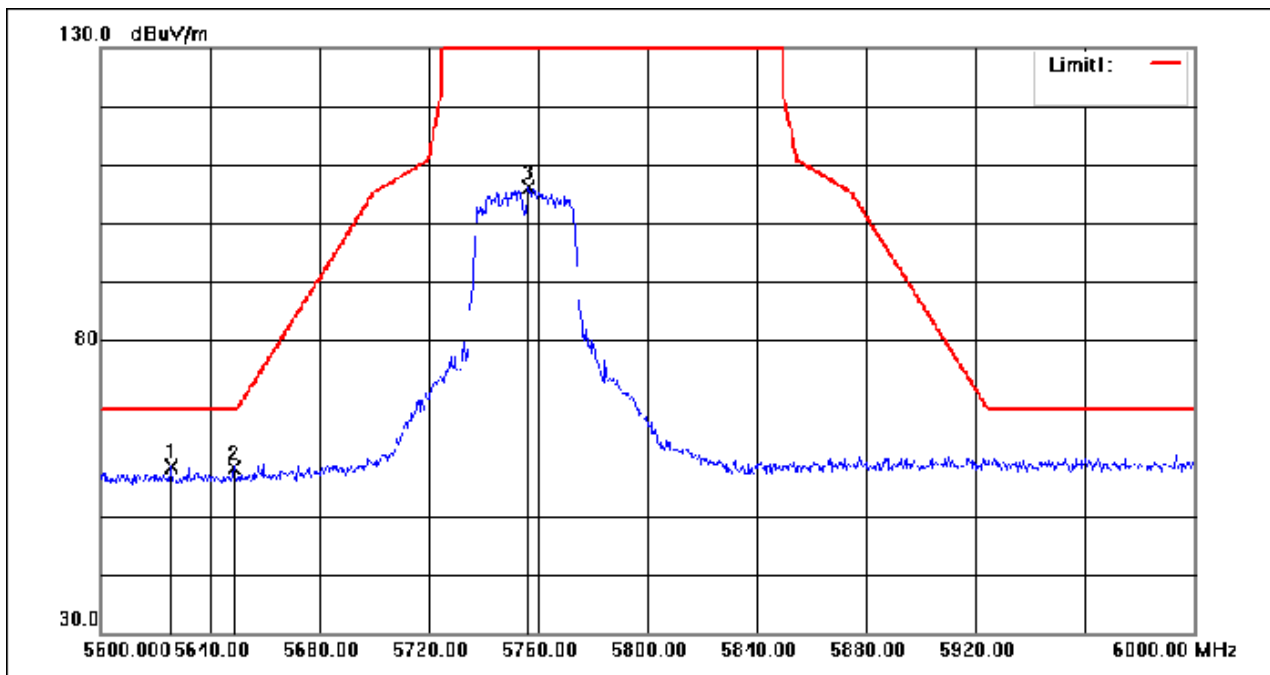
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.000	106.05	3.29	109.34	135.00	-25.66	peak
2	5945.200	56.26	4.08	60.34	68.20	-7.86	peak
3	5988.400	56.29	4.36	60.65	68.20	-7.55	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



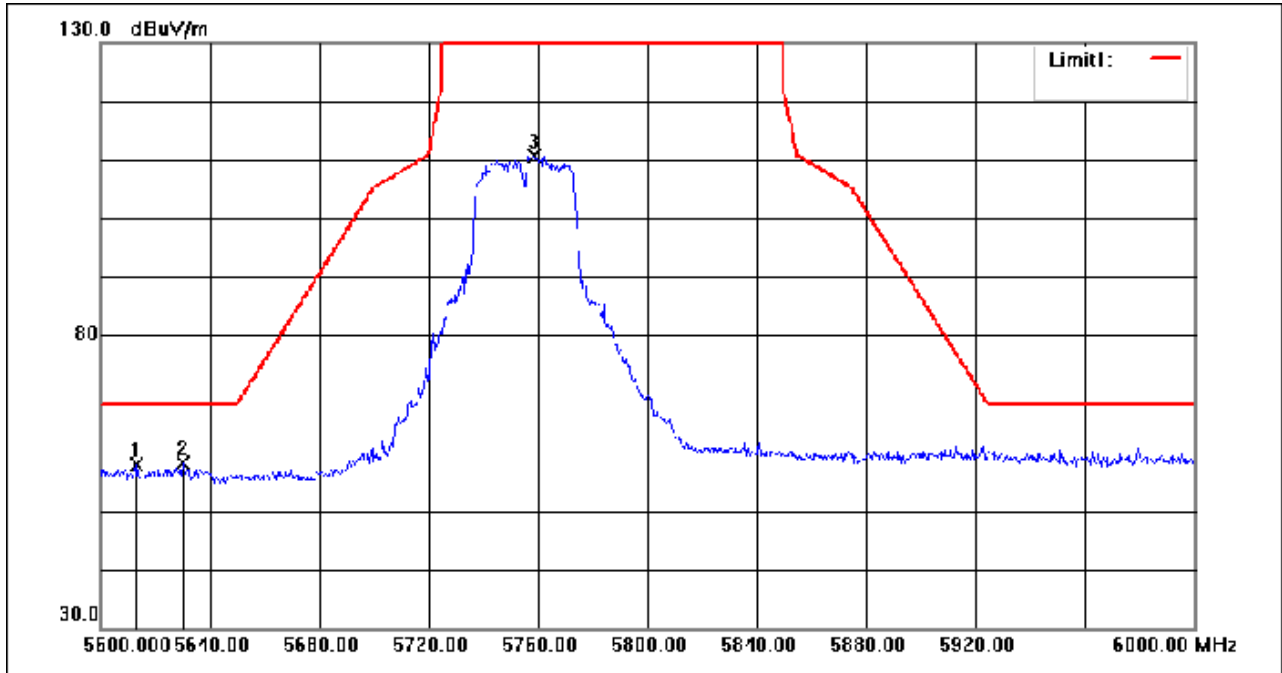
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5824.400	109.24	3.32	112.56	135.00	-22.44	peak
2	5927.600	56.12	3.97	60.09	68.20	-8.11	peak
3	5965.200	55.41	4.21	59.62	68.20	-8.58	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



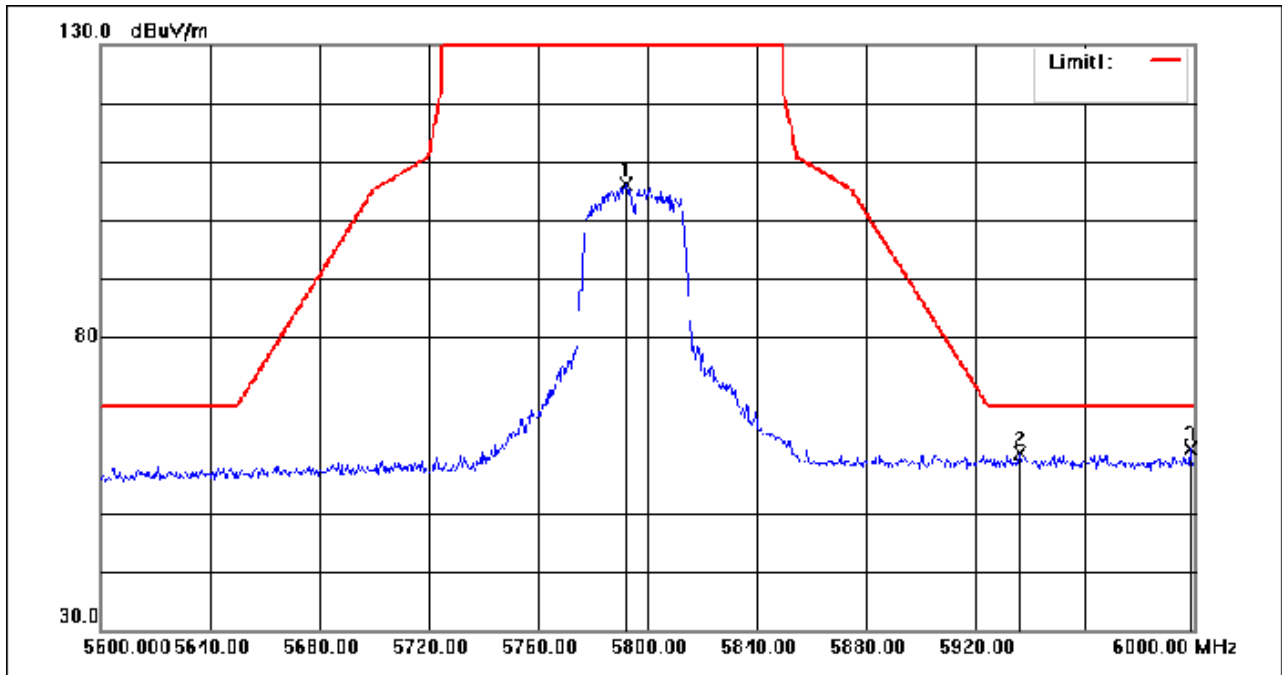
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5625.600	56.42	2.06	58.48	68.20	-9.72	peak
2	5648.800	56.04	2.21	58.25	68.20	-9.95	peak
3	5756.400	103.30	2.89	106.19	135.00	-28.81	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



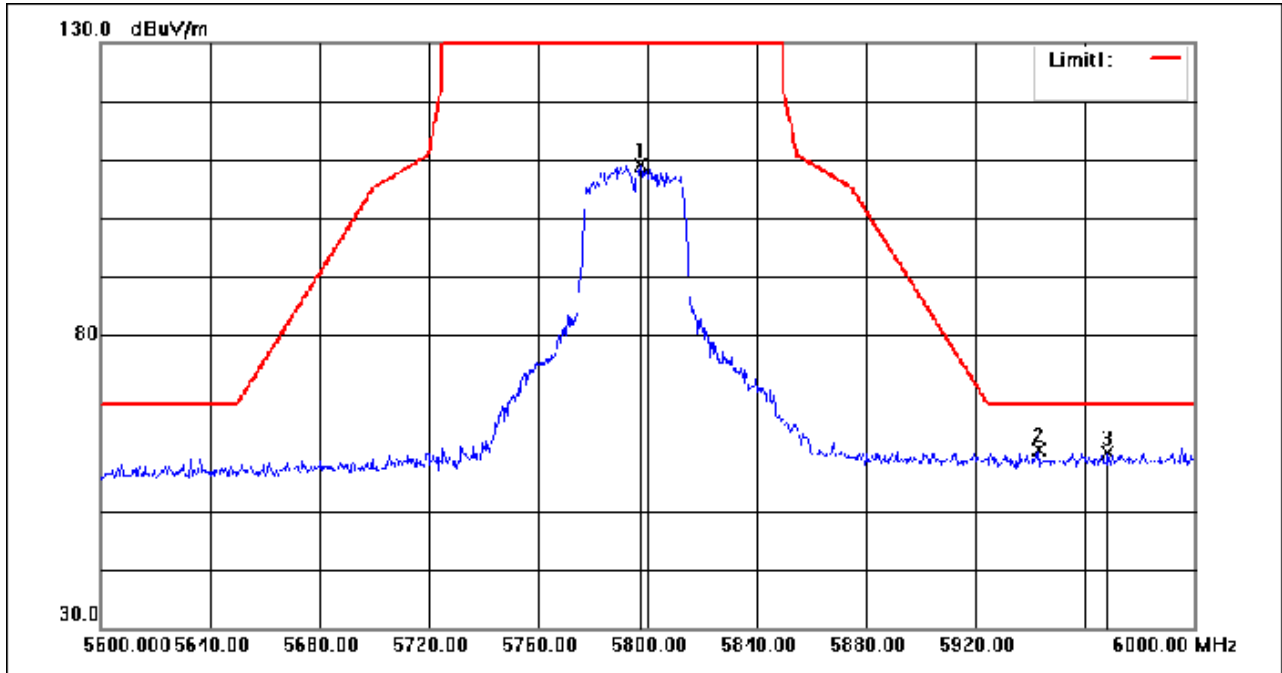
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5613.200	55.90	1.99	57.89	68.20	-10.31	peak
2	5630.000	56.07	2.09	58.16	68.20	-10.04	peak
3	5758.400	107.83	2.90	110.73	135.00	-24.27	peak

Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



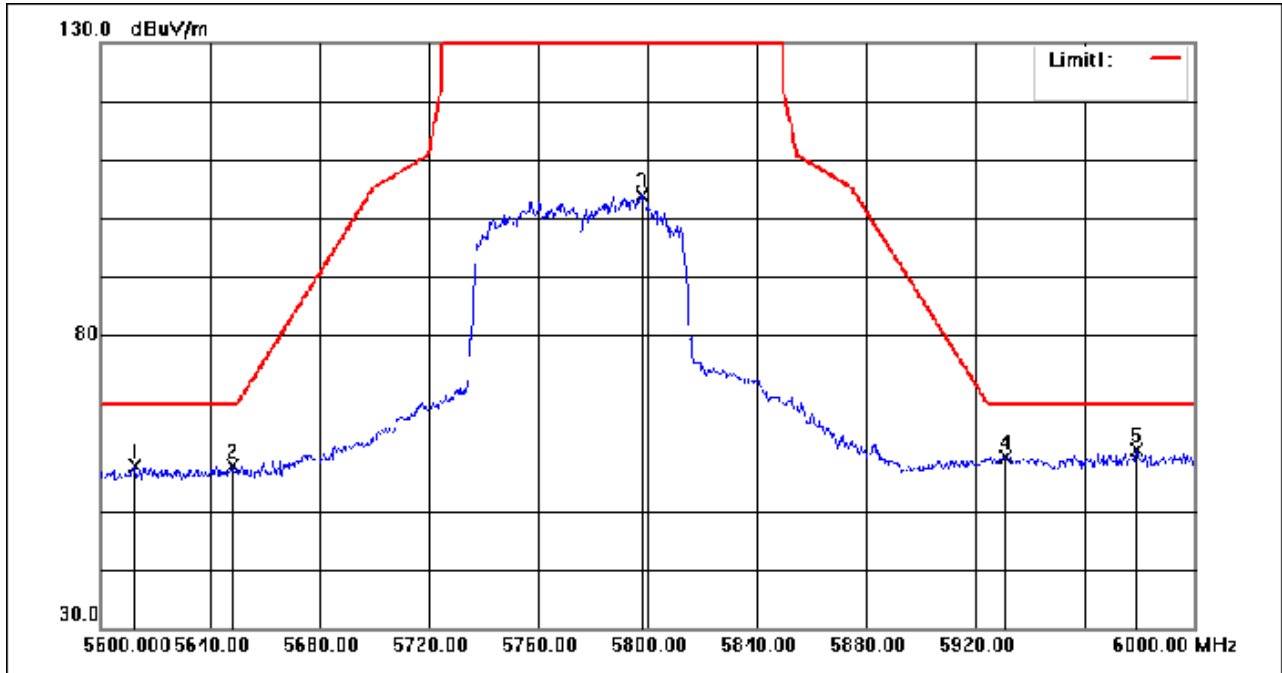
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5792.400	102.95	3.12	106.07	135.00	-28.93	peak
2	5936.000	55.99	4.03	60.02	68.20	-8.18	peak
3	5998.400	56.36	4.42	60.78	68.20	-7.42	peak

Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5797.600	106.05	3.15	109.20	135.00	-25.80	peak
2	5943.200	56.25	4.07	60.32	68.20	-7.88	peak
3	5968.400	55.70	4.23	59.93	68.20	-8.27	peak

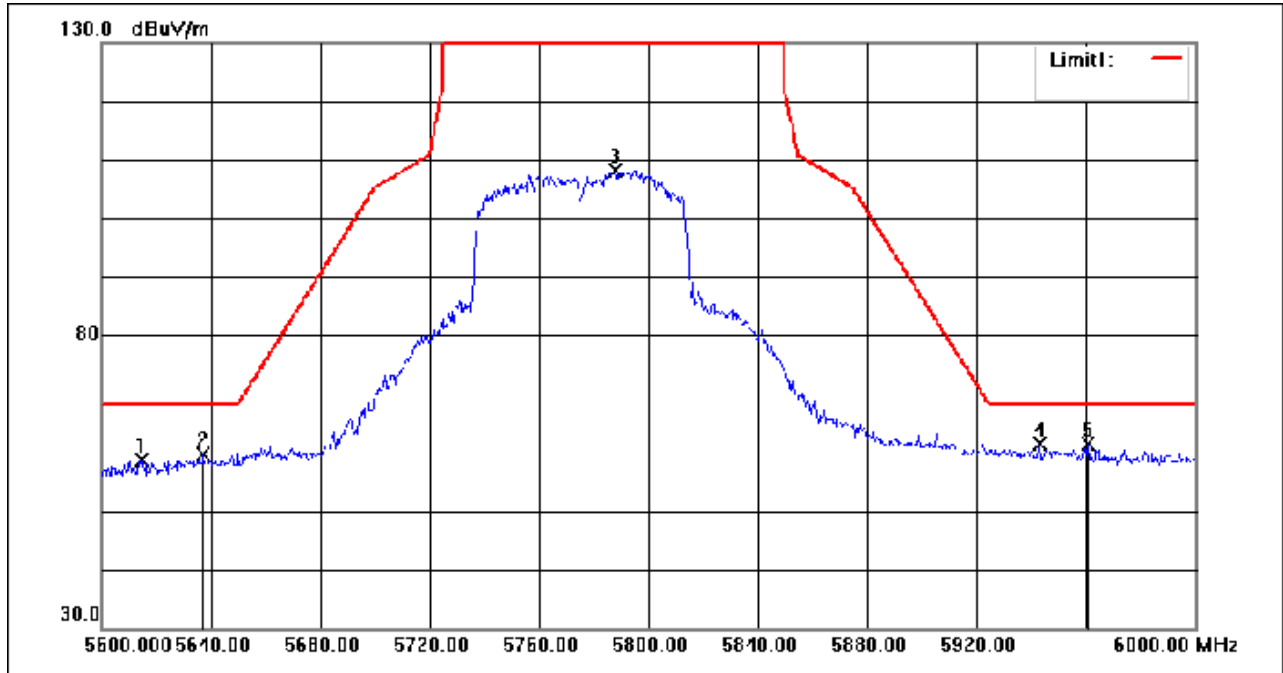
Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5612.400	55.54	1.98	57.52	68.20	-10.68	peak
2	5648.000	55.51	2.21	57.72	68.20	-10.48	peak
3	5798.000	100.79	3.15	103.94	135.00	-31.06	peak
4	5930.800	55.24	3.99	59.23	68.20	-8.97	peak
5	5978.800	56.03	4.30	60.33	68.20	-7.87	peak



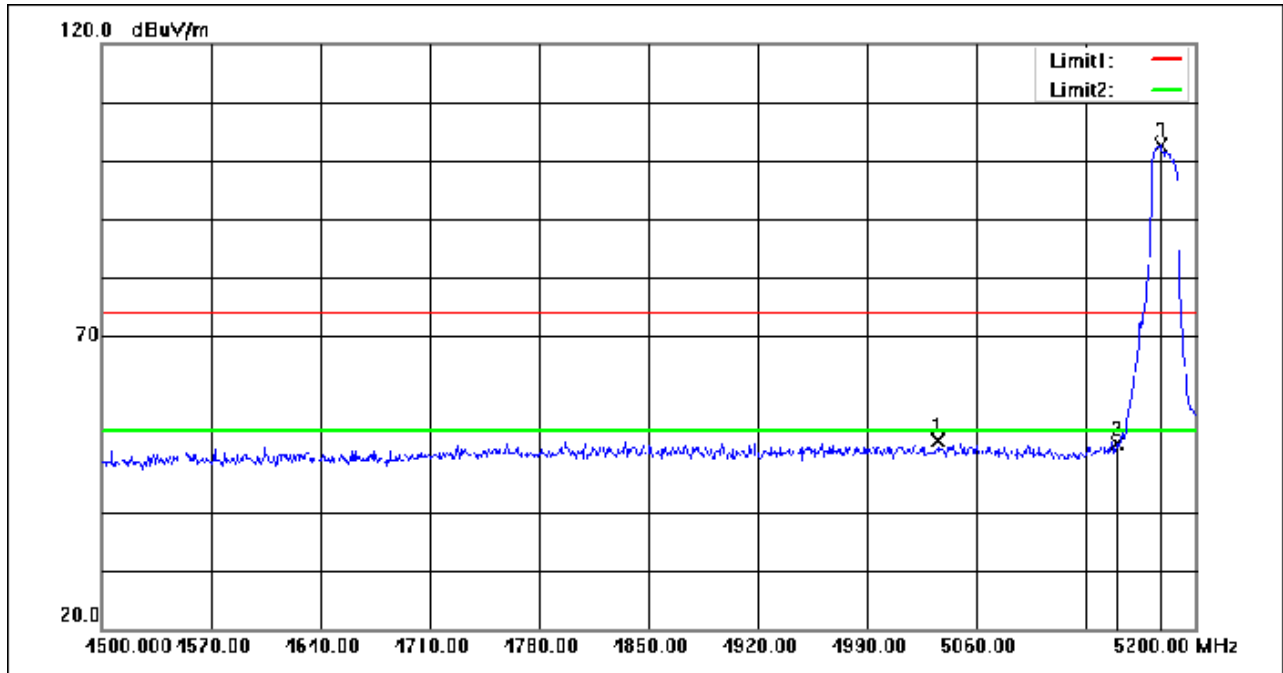
Mode:f; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.400	56.70	1.99	58.69	68.20	-9.51	peak
2	5637.200	57.42	2.14	59.56	68.20	-8.64	peak
3	5788.000	105.00	3.09	108.09	135.00	-26.91	peak
4	5943.200	57.24	4.07	61.31	68.20	-6.89	peak
5	5960.800	57.10	4.18	61.28	68.20	-6.92	peak

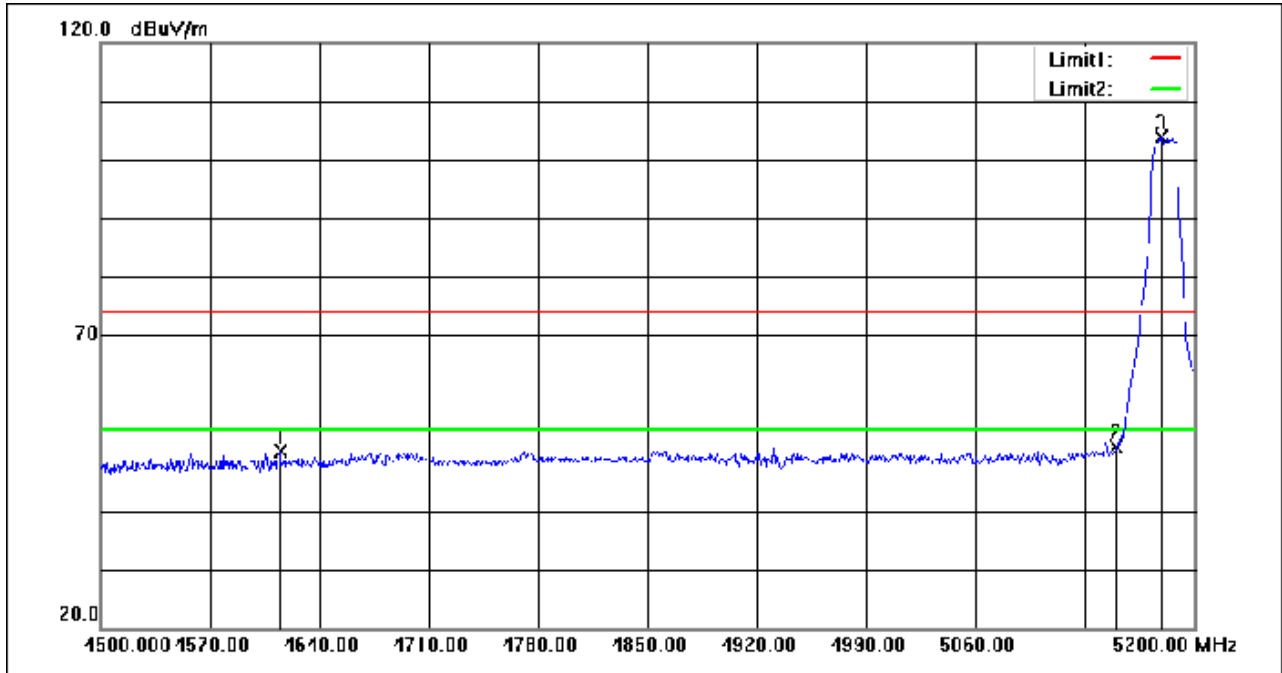
Adapter2

Mode:g; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



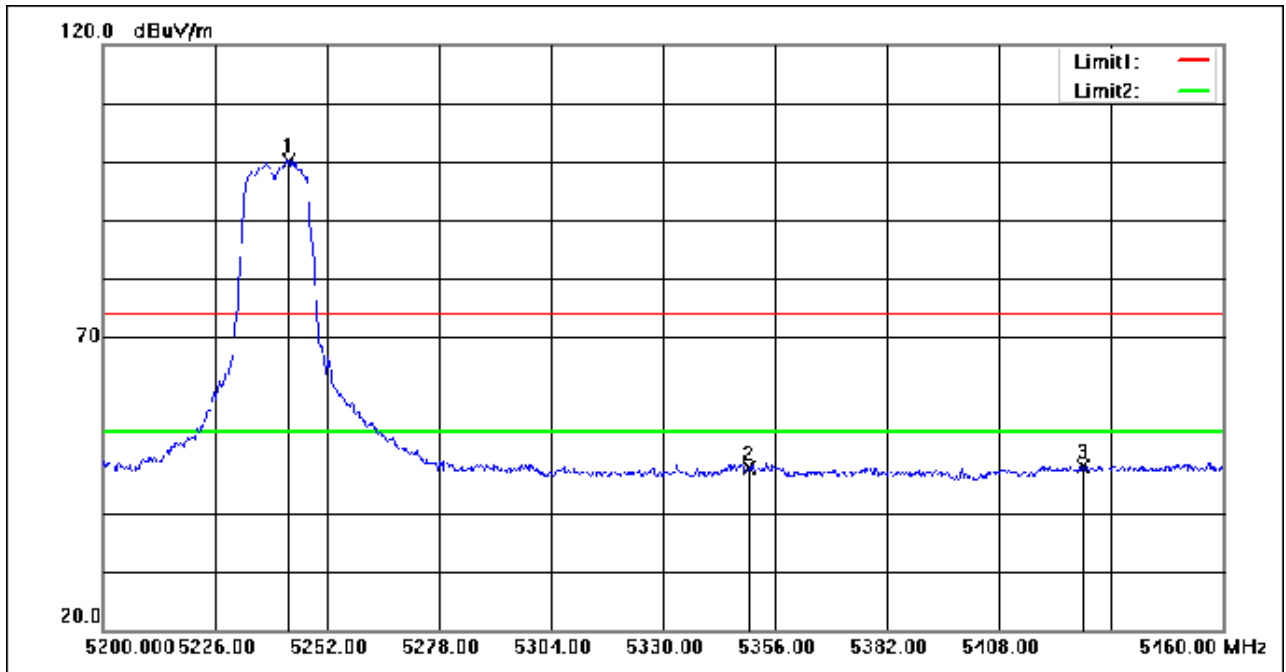
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5035.500	51.06	0.98	52.04	74.00	-21.96	peak
2	5150.000	50.65	1.05	51.70	74.00	-22.30	peak
3	5177.600	101.53	1.07	102.60	74.00	28.60	peak

Mode:g; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



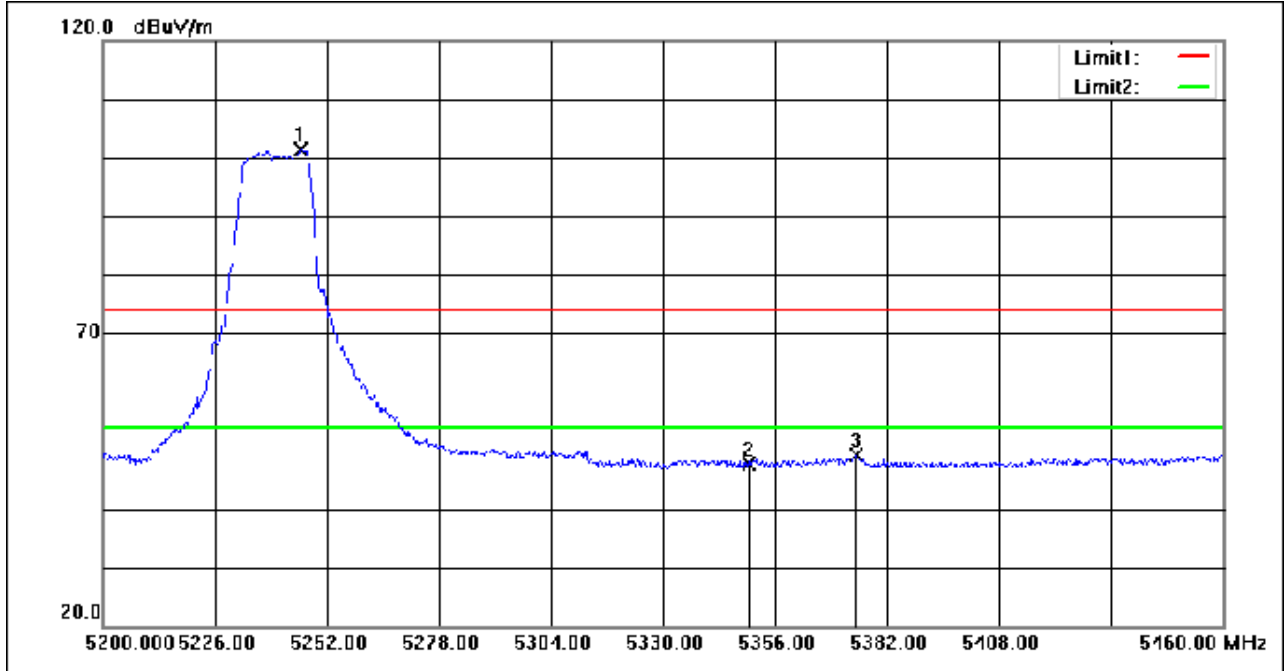
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4614.800	50.08	0.09	50.17	74.00	-23.83	peak
2	5150.000	49.94	1.05	50.99	74.00	-23.01	peak
3	5179.000	102.84	1.07	103.91	74.00	29.91	peak

Mode:g; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



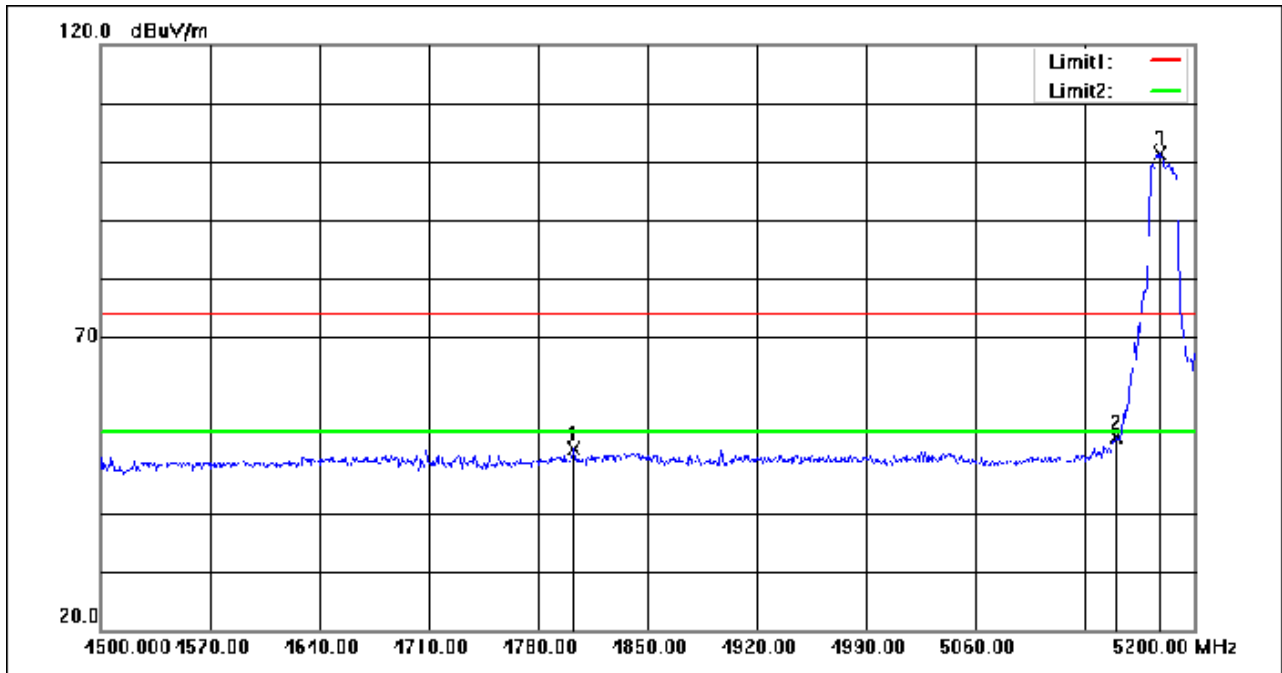
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5243.160	99.09	1.11	100.20	74.00	26.20	peak
2	5350.000	46.51	1.18	47.69	74.00	-26.31	peak
3	5427.500	46.76	1.23	47.99	74.00	-26.01	peak

Mode:g; Polarization: Vertical; Modulation:a; bandwidth:20MHz; Channel:High



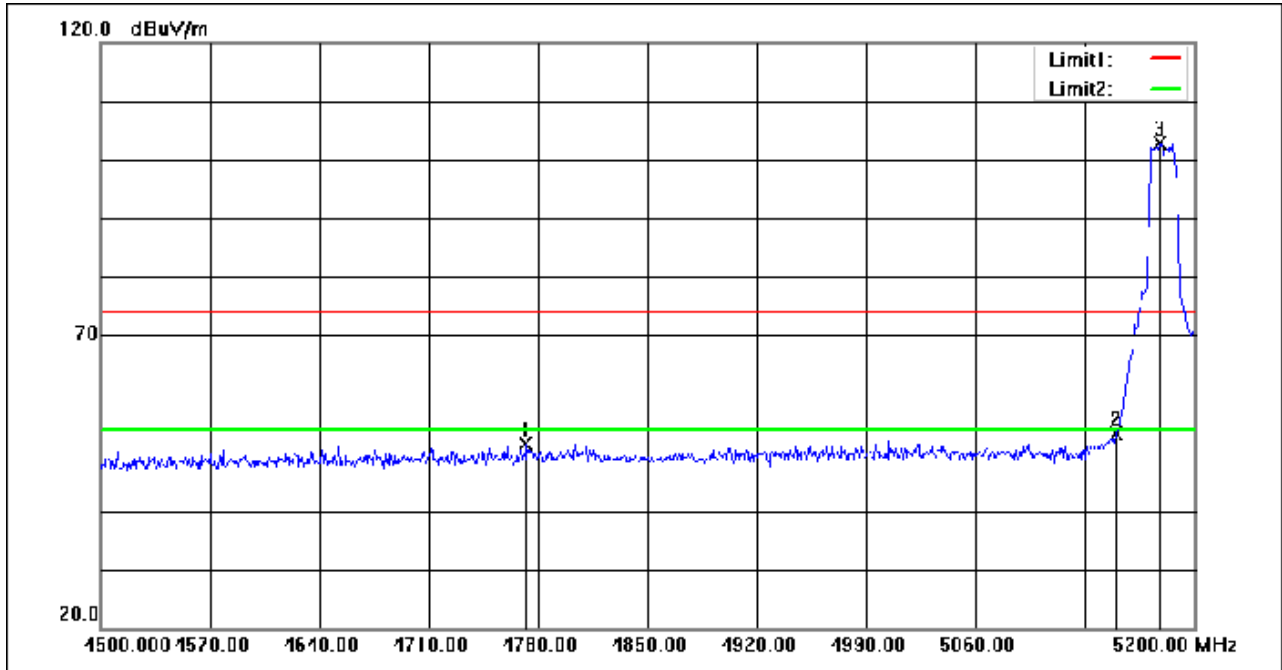
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5246.020	100.31	1.11	101.42	74.00	27.42	peak
2	5350.000	46.55	1.18	47.73	74.00	-26.27	peak
3	5374.720	47.94	1.19	49.13	74.00	-24.87	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



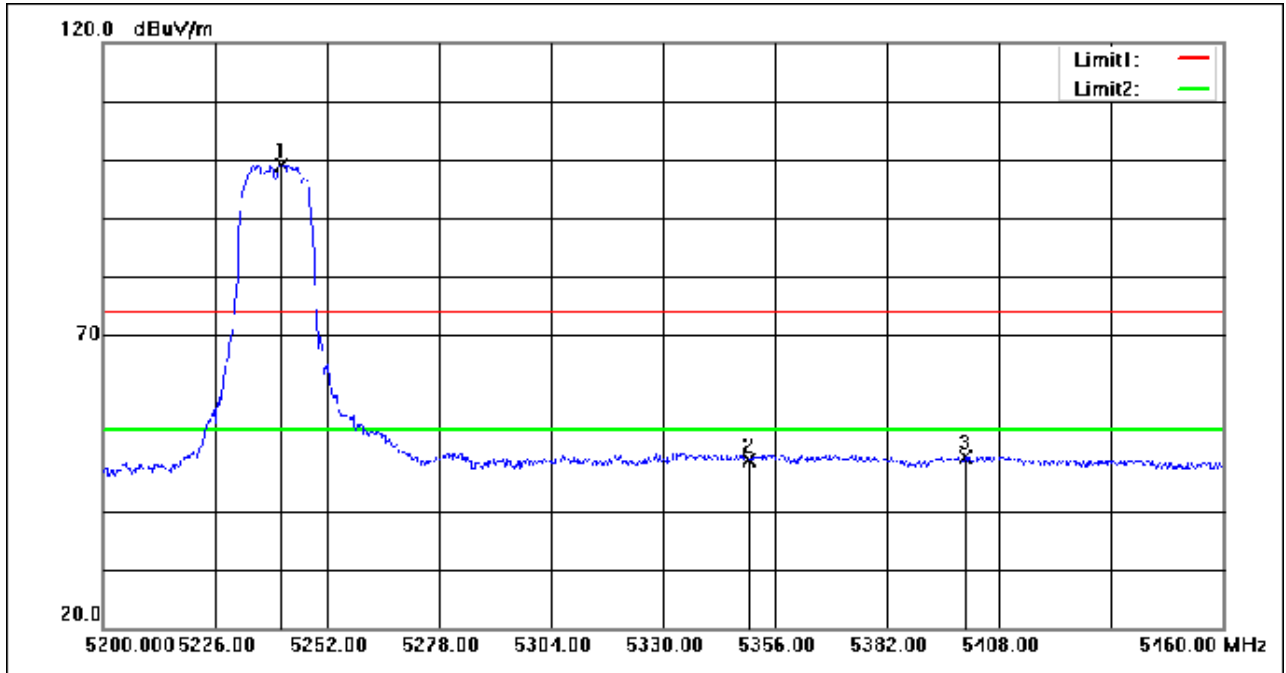
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4803.100	50.38	0.52	50.90	74.00	-23.10	peak
2	5150.000	51.78	1.05	52.83	74.00	-21.17	peak
3	5177.600	100.35	1.07	101.42	74.00	27.42	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4772.300	50.95	0.45	51.40	74.00	-22.60	peak
2	5150.000	52.08	1.05	53.13	74.00	-20.87	peak
3	5178.300	101.93	1.07	103.00	74.00	29.00	peak

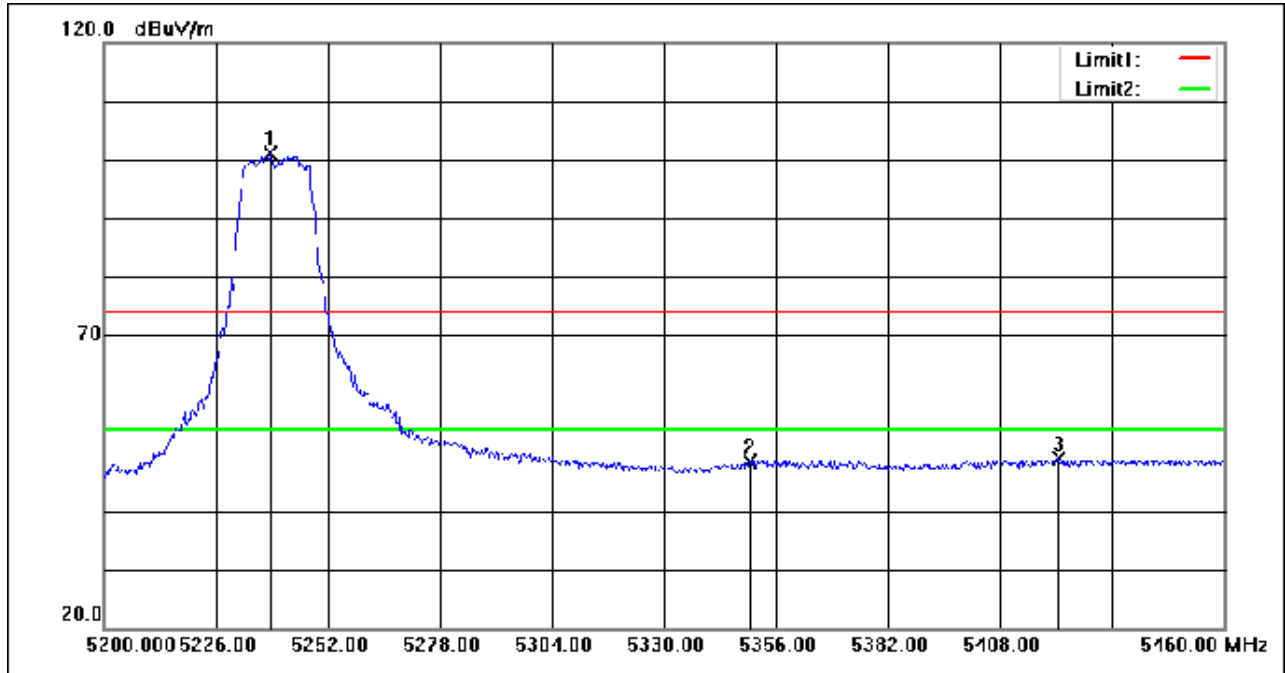
Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5241.340	98.12	1.11	99.23	74.00	25.23	peak
2	5350.000	47.54	1.18	48.72	74.00	-25.28	peak
3	5400.200	48.02	1.21	49.23	74.00	-24.77	peak

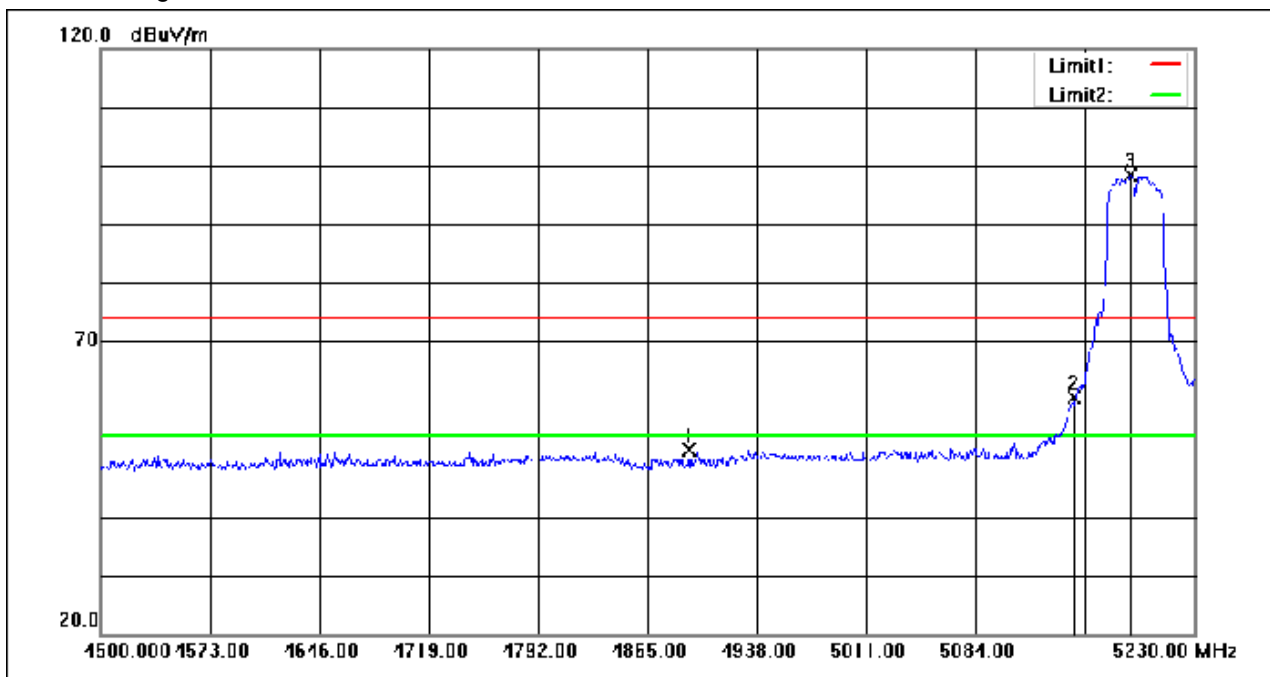


Mode:g; Polarization: Vertical; Modulation:n; bandwidth:20MHz; Channel:High



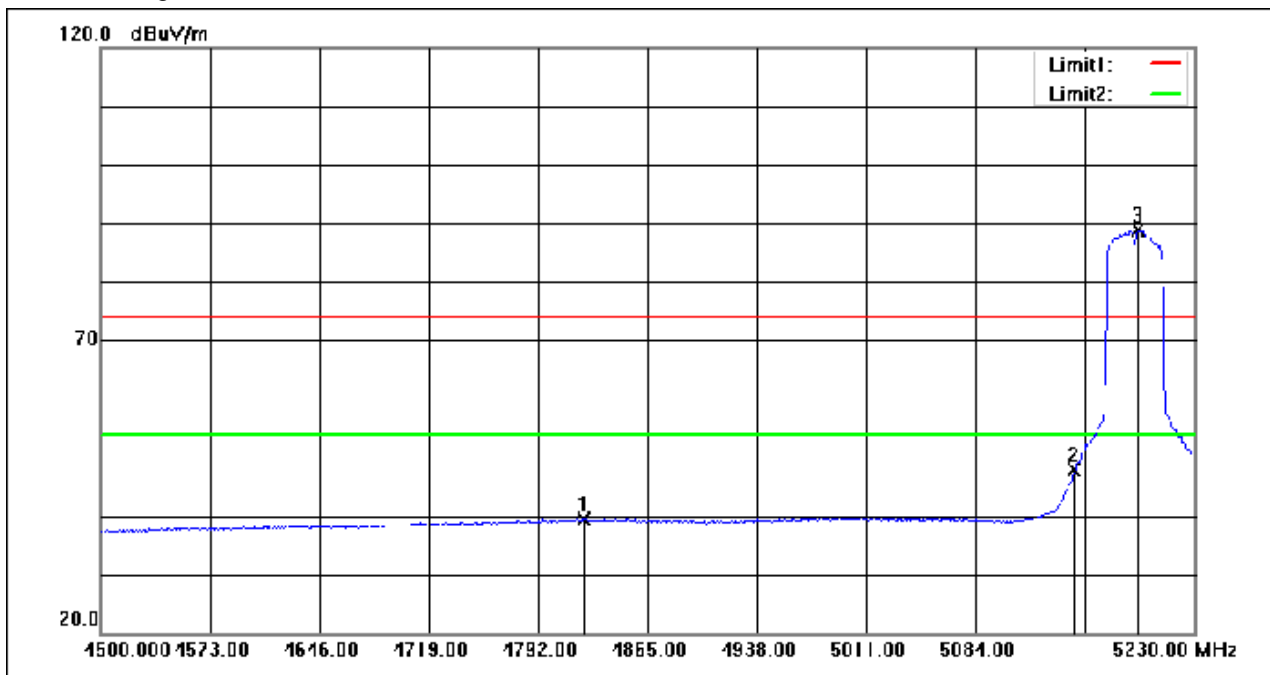
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5238.740	99.92	1.11	101.03	74.00	27.03	peak
2	5350.000	47.15	1.18	48.33	74.00	-25.67	peak
3	5421.520	47.68	1.22	48.90	74.00	-25.10	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



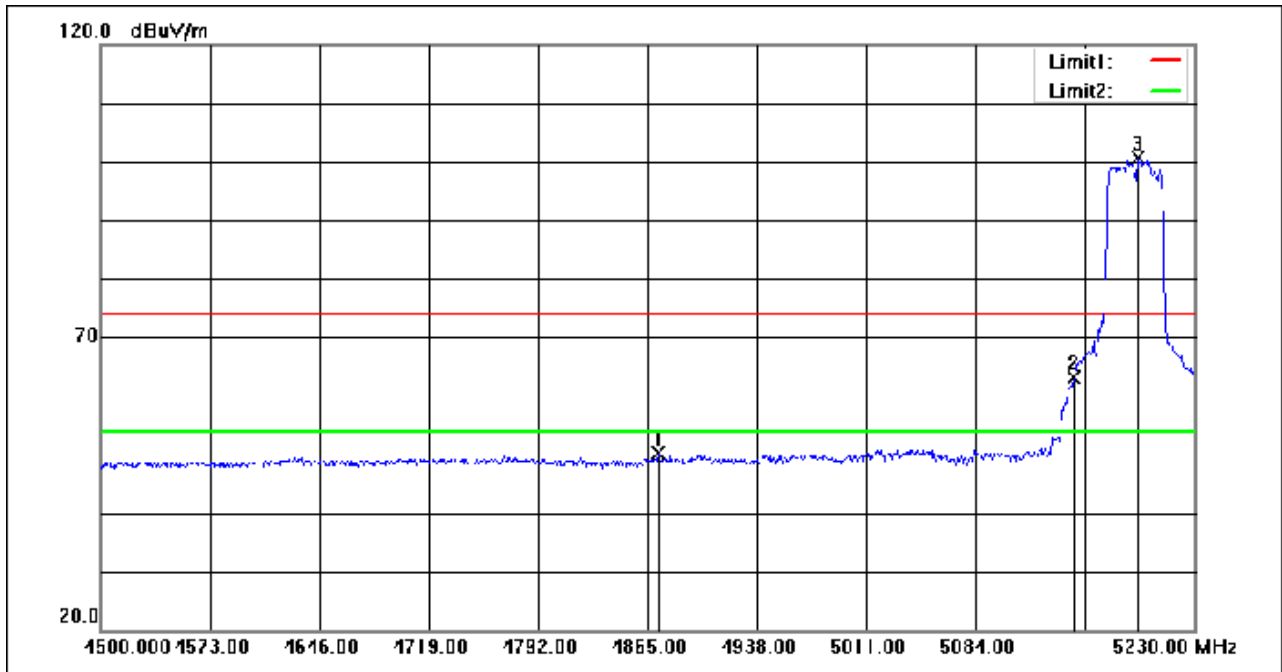
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4892.740	50.67	0.72	51.39	74.00	-22.61	peak
2	5150.000	59.45	1.05	60.50	74.00	-13.50	peak
3	5187.660	97.25	1.08	98.33	74.00	24.33	peak

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



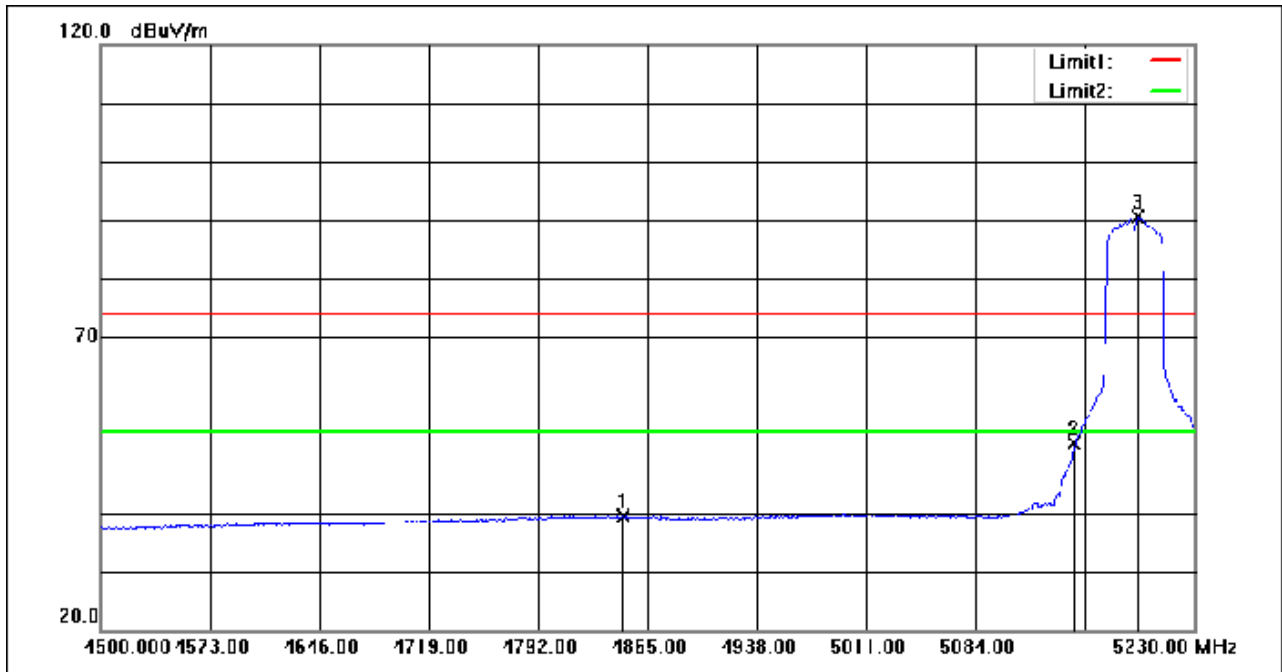
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4822.660	38.84	0.56	39.40	54.00	-14.60	AVG
2	5150.000	46.85	1.05	47.90	54.00	-6.10	AVG
3	5192.770	87.73	1.08	88.81	54.00	34.81	AVG

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



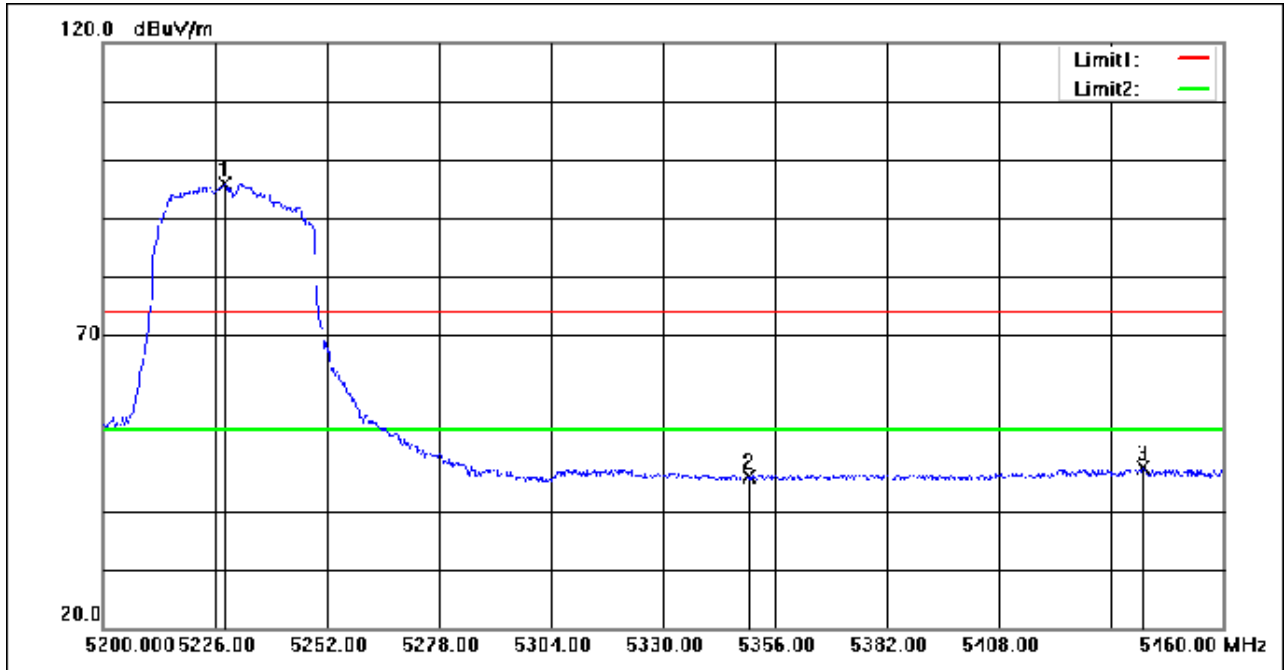
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4872.300	49.41	0.67	50.08	74.00	-23.92	peak
2	5150.000	62.03	1.05	63.08	74.00	-10.92	peak
3	5192.040	99.63	1.08	100.71	74.00	26.71	peak

Mode:g; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



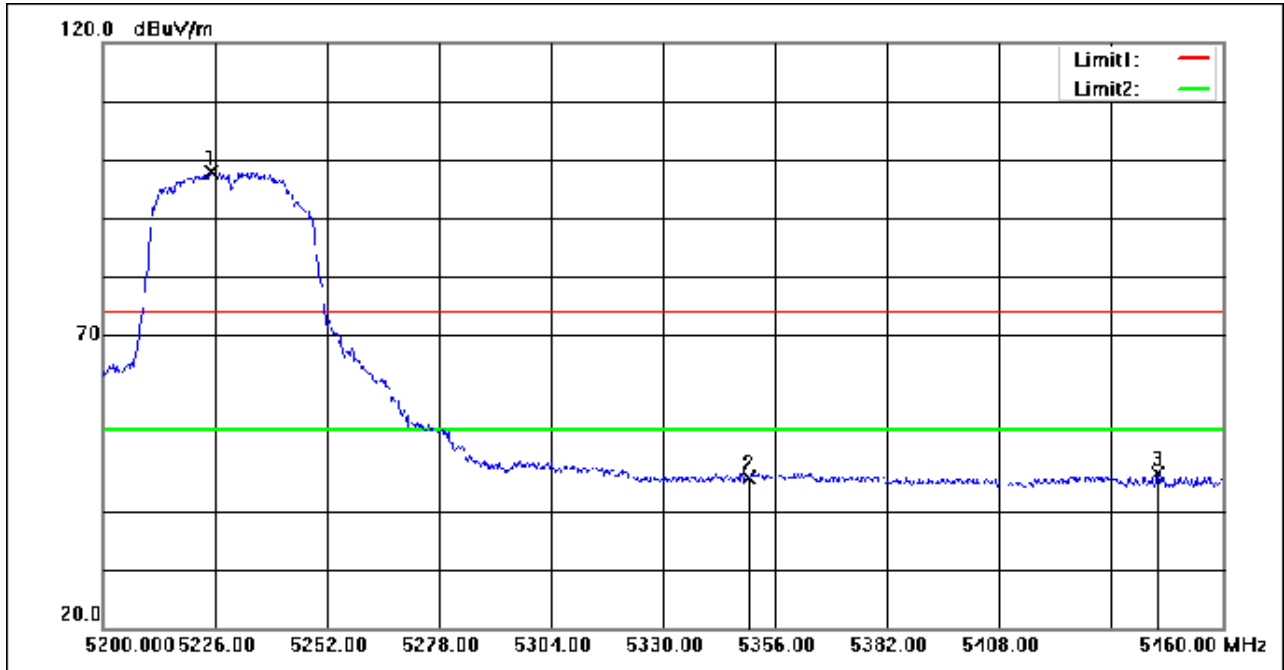
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4848.940	38.84	0.62	39.46	54.00	-14.54	AVG
2	5150.000	50.82	1.05	51.87	54.00	-2.13	AVG
3	5192.770	89.53	1.08	90.61	54.00	36.61	AVG

Mode:g; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



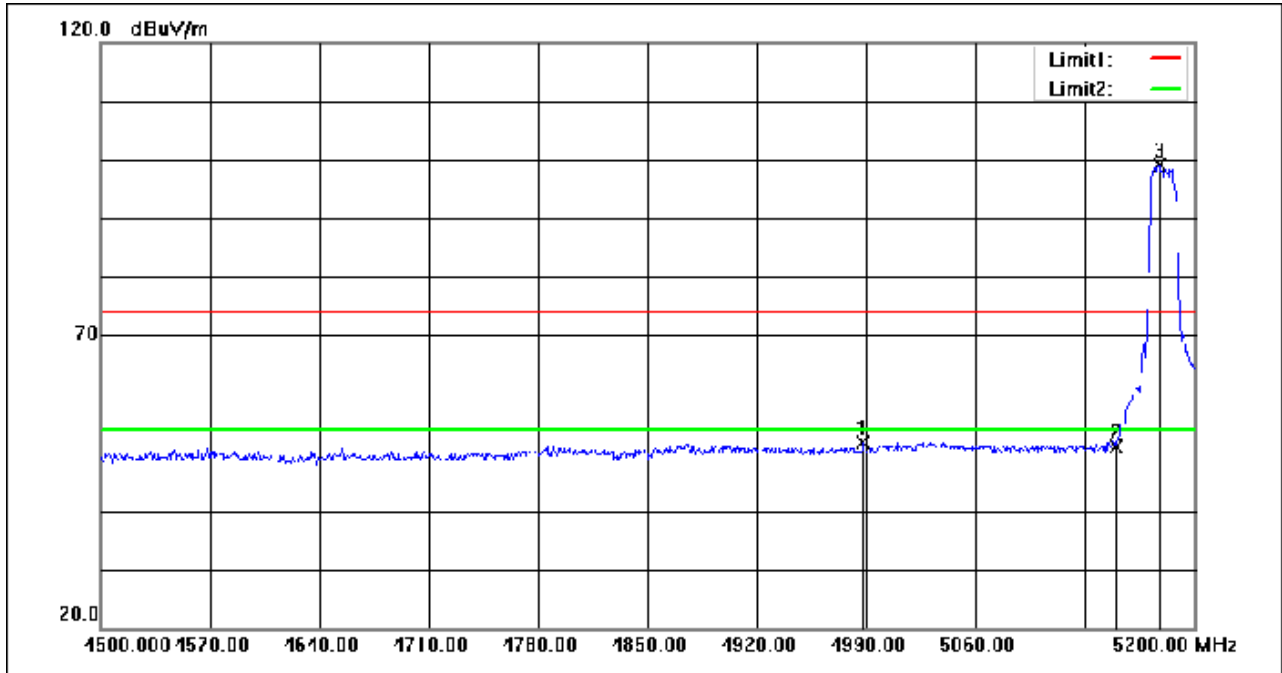
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5228.080	94.85	1.10	95.95	74.00	21.95	peak
2	5350.000	44.58	1.18	45.76	74.00	-28.24	peak
3	5441.280	46.12	1.23	47.35	74.00	-26.65	peak

Mode:g; Polarization: Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5225.220	96.89	1.10	97.99	74.00	23.99	peak
2	5350.000	44.40	1.18	45.58	74.00	-28.42	peak
3	5444.920	45.09	1.24	46.33	74.00	-27.67	peak

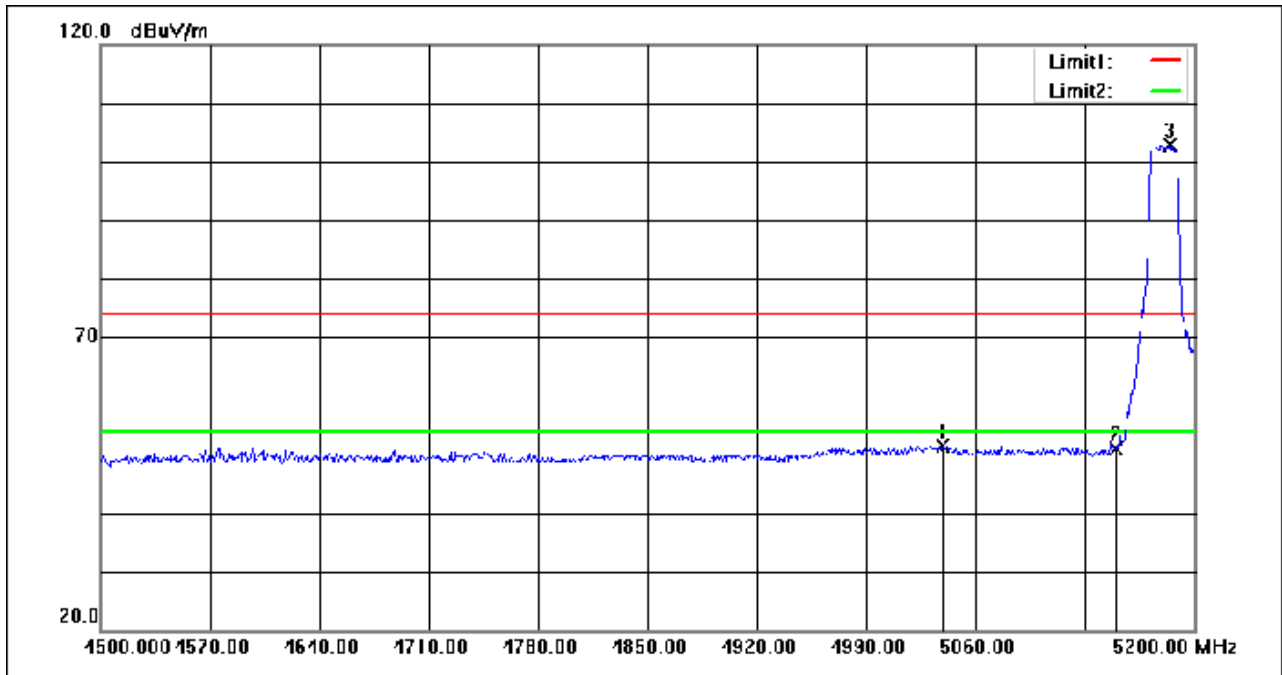
Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4987.900	50.80	0.93	51.73	74.00	-22.27	peak
2	5150.000	49.90	1.05	50.95	74.00	-23.05	peak
3	5177.600	98.02	1.07	99.09	74.00	25.09	peak

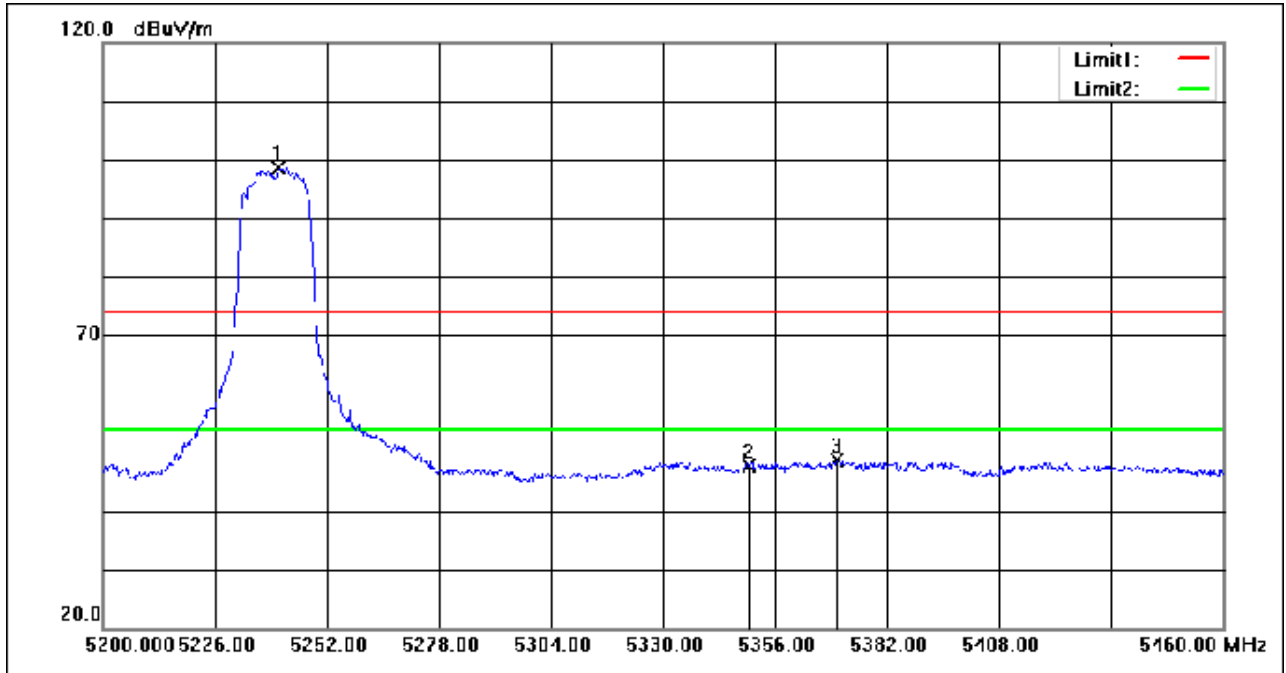


Mode:g; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



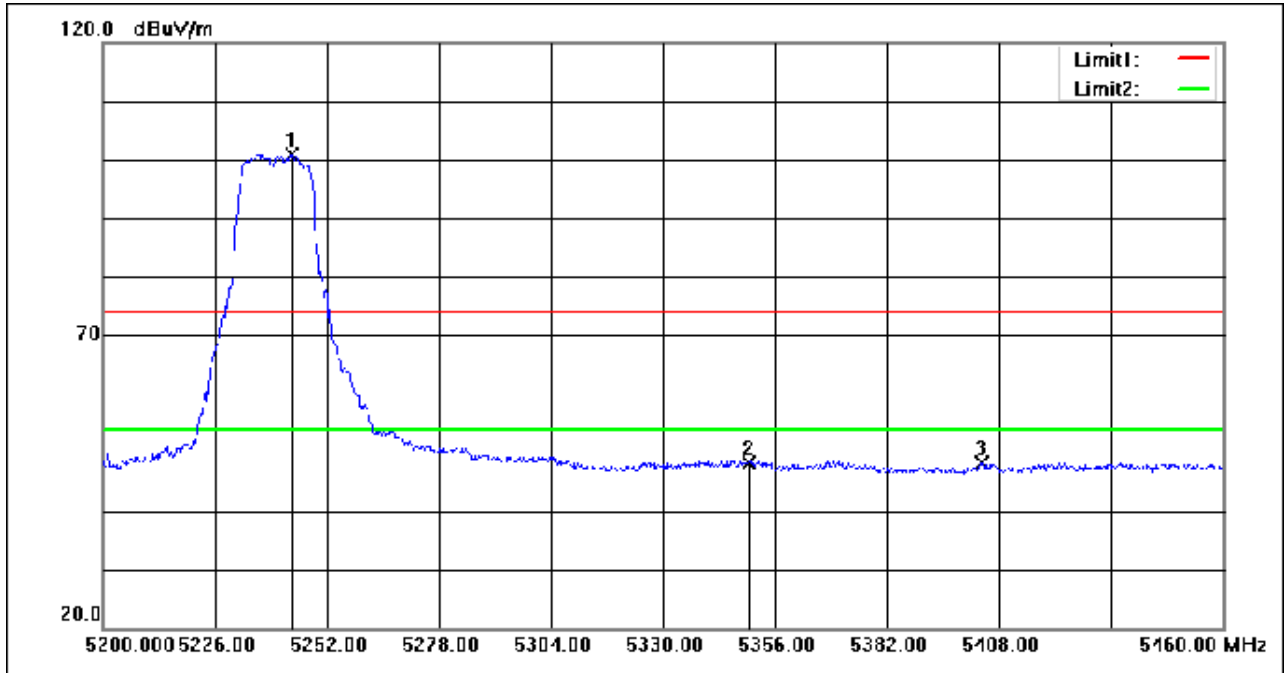
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5039.000	50.46	0.98	51.44	74.00	-22.56	peak
2	5150.000	49.89	1.05	50.94	74.00	-23.06	peak
3	5184.600	101.87	1.07	102.94	74.00	28.94	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



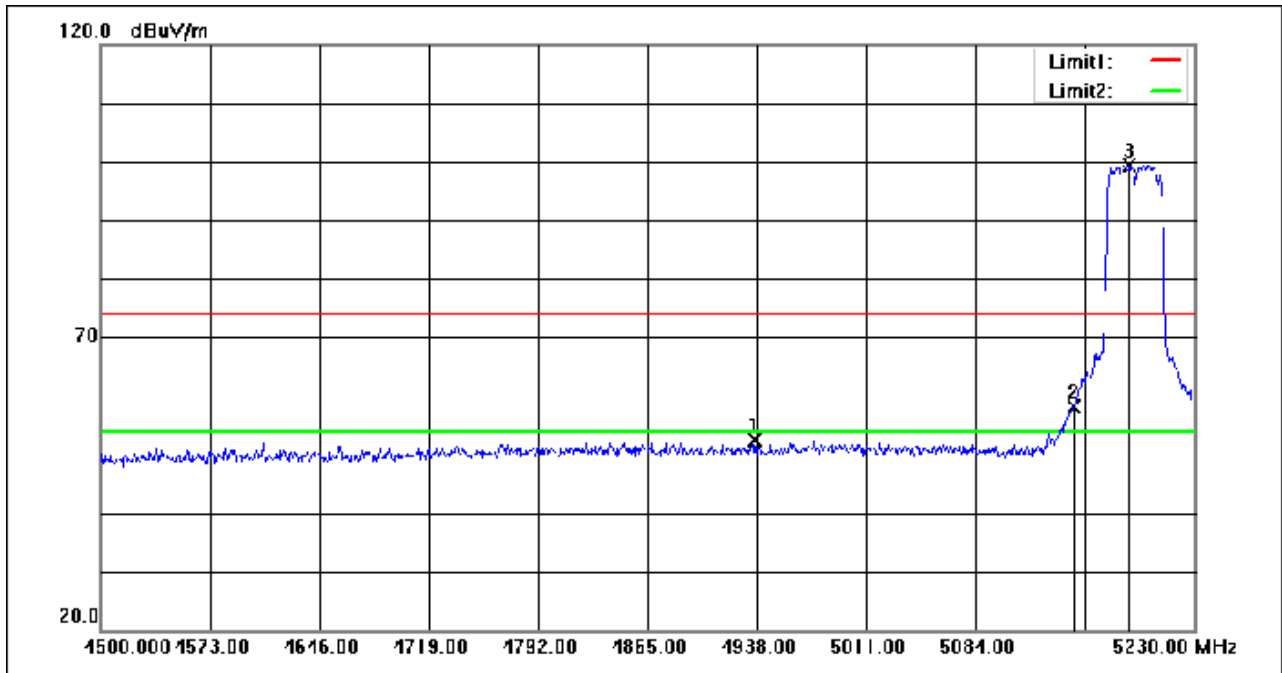
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5240.820	97.59	1.11	98.70	74.00	24.70	peak
2	5350.000	46.40	1.18	47.58	74.00	-26.42	peak
3	5370.300	47.55	1.19	48.74	74.00	-25.26	peak

Mode:g; Polarization: Vertical; Modulation:c; bandwidth:20MHz; Channel:High



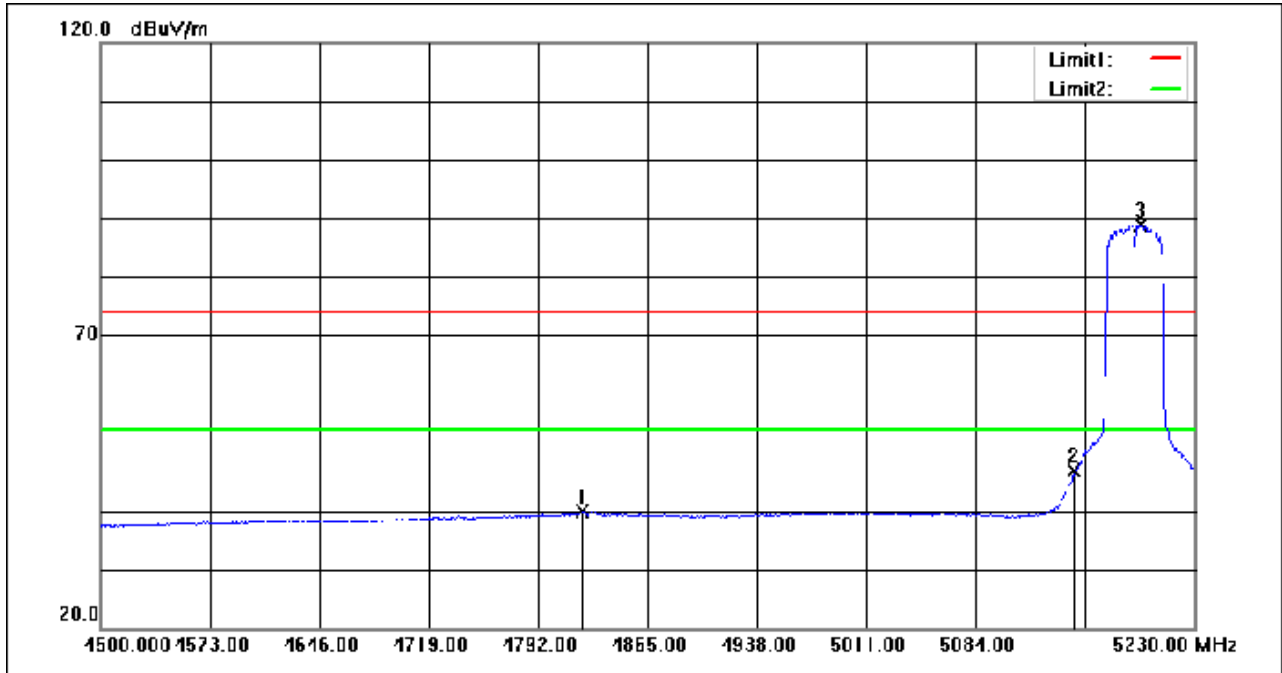
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5243.940	99.89	1.11	101.00	74.00	27.00	peak
2	5350.000	47.07	1.18	48.25	74.00	-25.75	peak
3	5404.100	47.01	1.21	48.22	74.00	-25.78	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



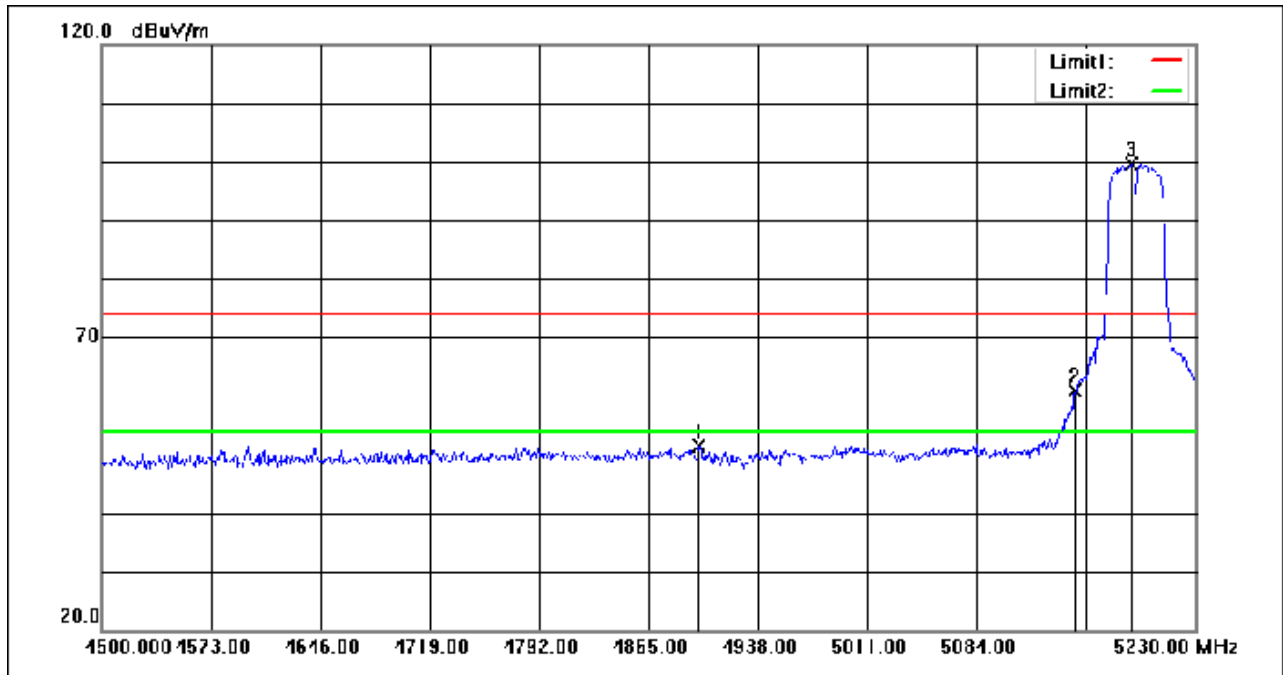
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4936.540	51.47	0.82	52.29	74.00	-21.71	peak
2	5150.000	57.14	1.05	58.19	74.00	-15.81	peak
3	5186.930	98.38	1.08	99.46	74.00	25.46	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



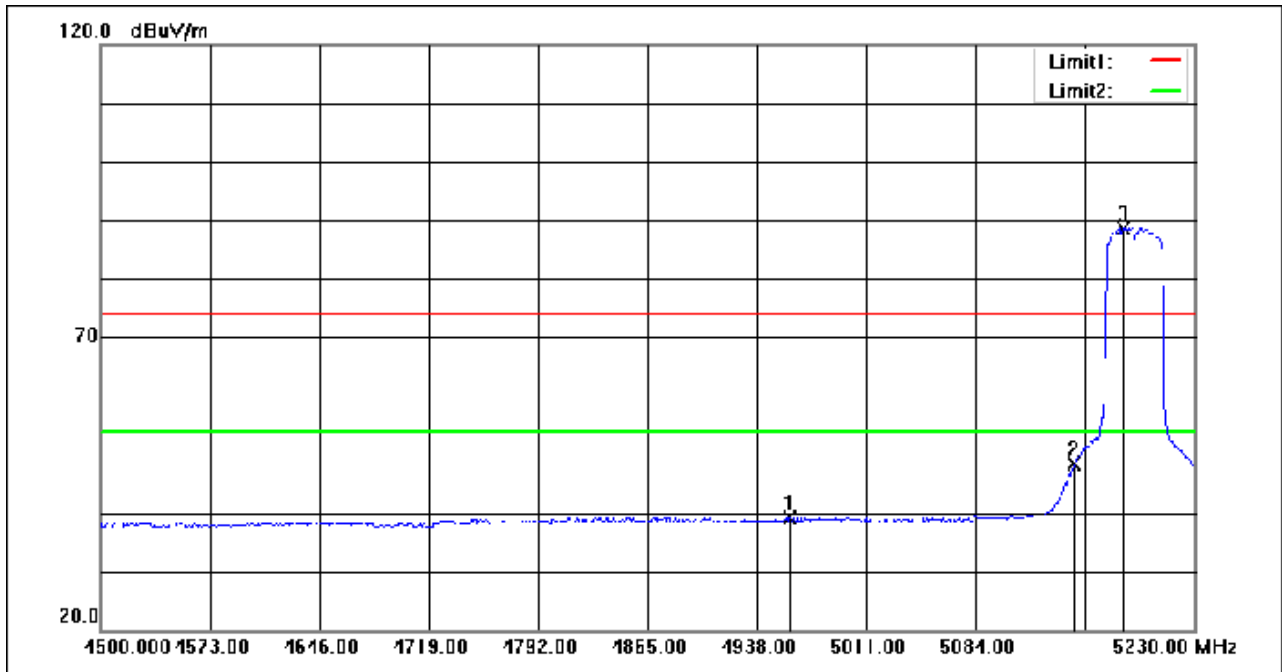
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4821.200	39.37	0.56	39.93	54.00	-14.07	AVG
2	5150.000	45.75	1.05	46.80	54.00	-7.20	AVG
3	5194.230	87.87	1.08	88.95	54.00	34.95	AVG

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



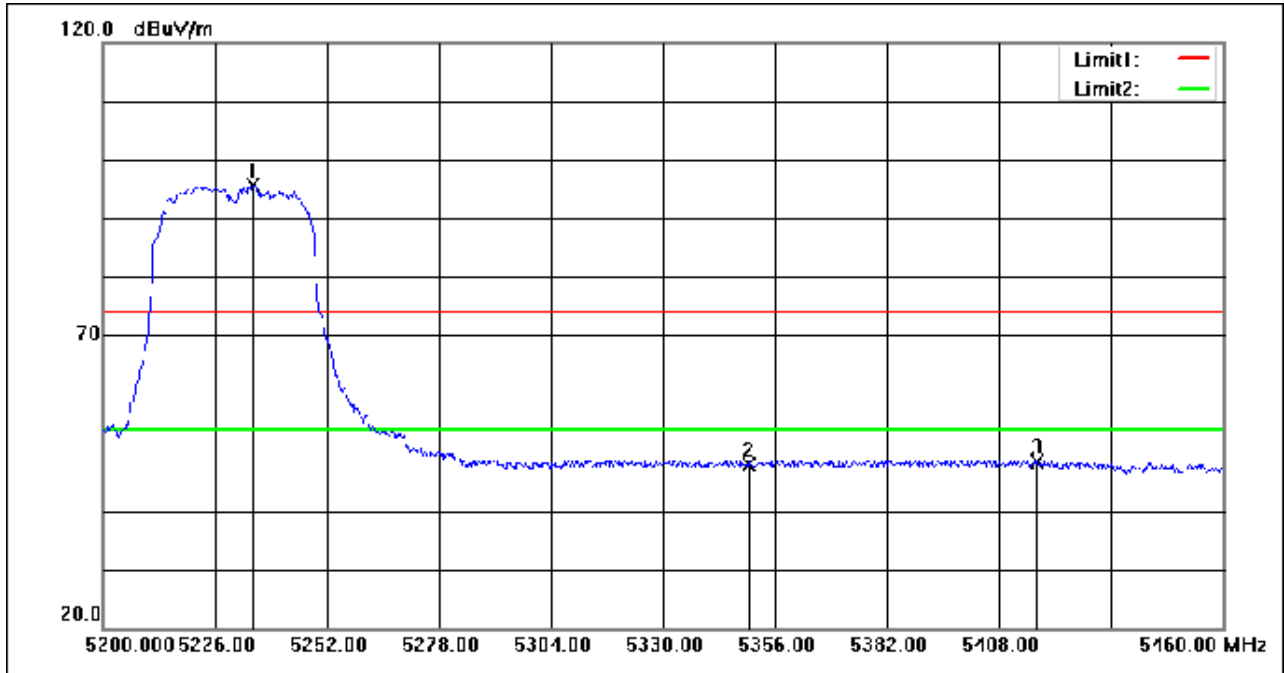
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4898.580	50.74	0.73	51.47	74.00	-22.53	peak
2	5150.000	59.74	1.05	60.79	74.00	-13.21	peak
3	5187.660	98.51	1.08	99.59	74.00	25.59	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4959.900	38.37	0.87	39.24	54.00	-14.76	AVG
2	5150.000	47.30	1.05	48.35	54.00	-5.65	AVG
3	5182.550	87.65	1.07	88.72	54.00	34.72	AVG

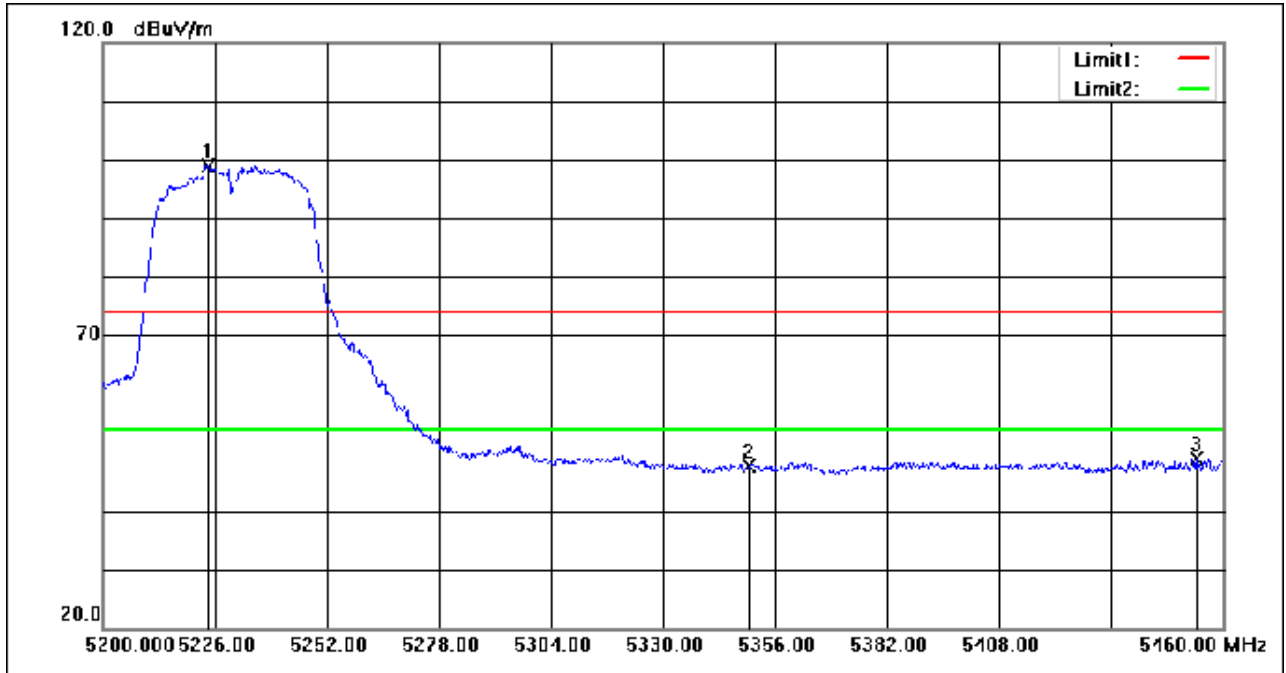
Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5234.840	94.42	1.11	95.53	74.00	21.53	peak
2	5350.000	46.58	1.18	47.76	74.00	-26.24	peak
3	5416.840	47.28	1.22	48.50	74.00	-25.50	peak

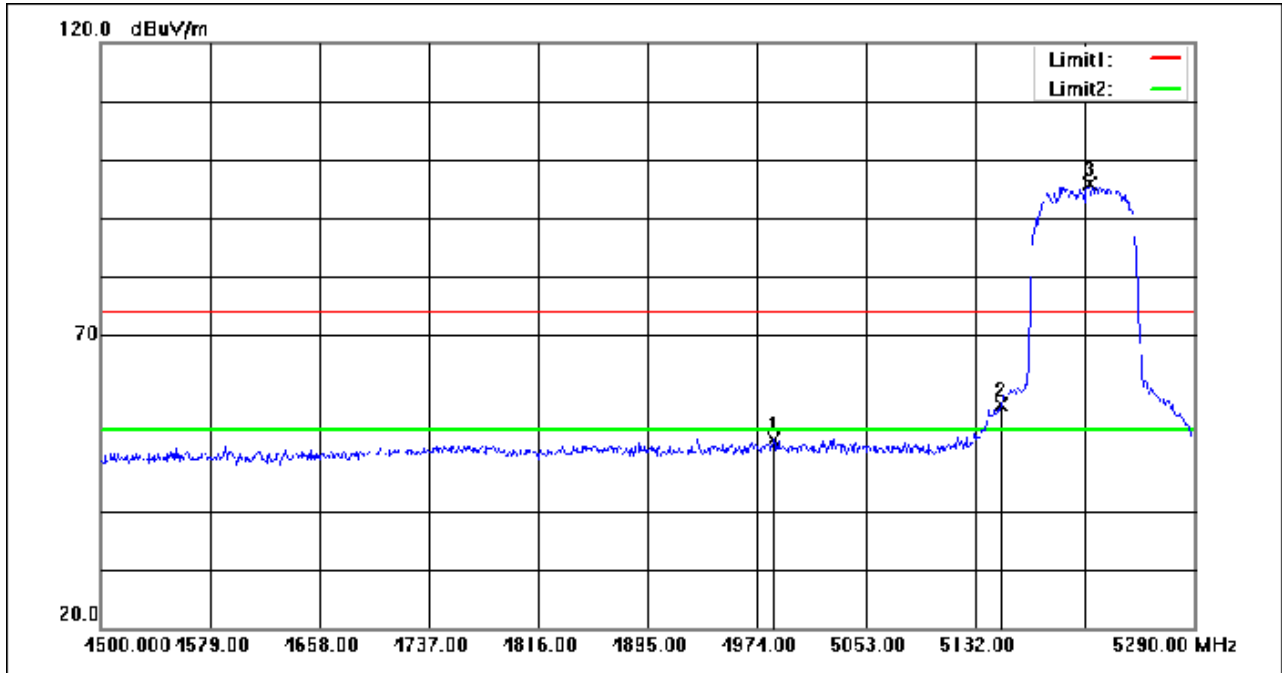


Mode:g; Polarization: Vertical; Modulation:c; bandwidth:40MHz; Channel:High



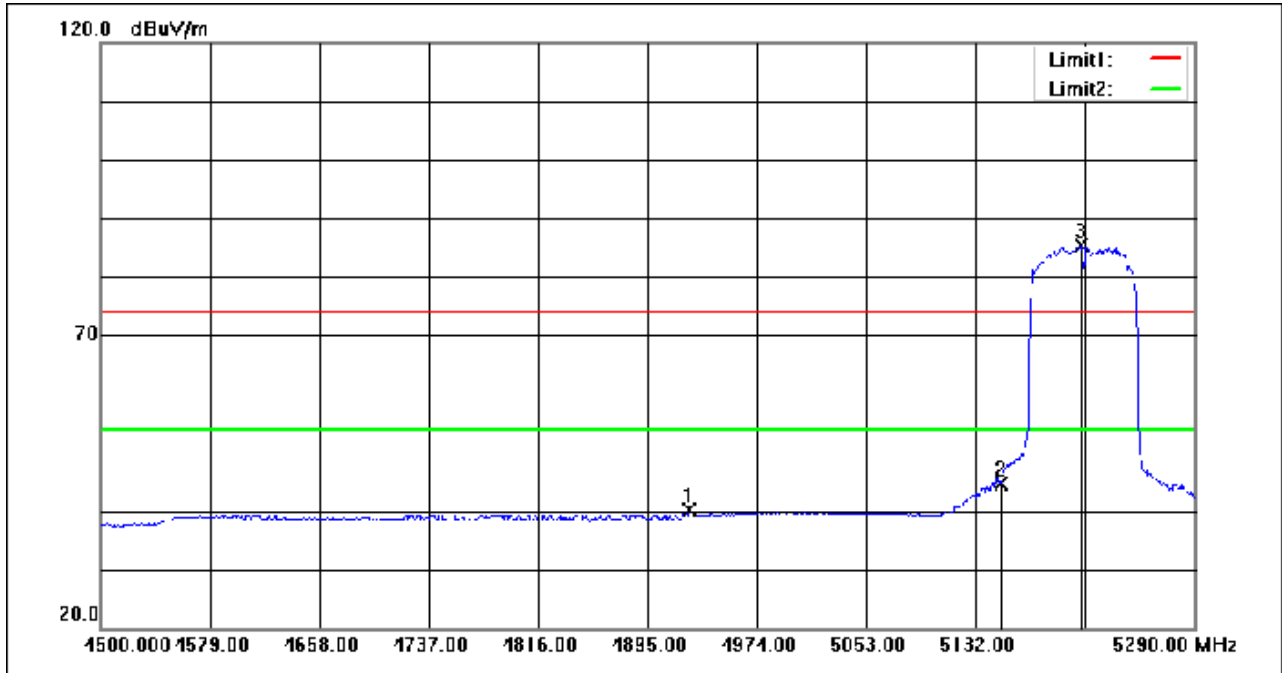
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5224.440	97.86	1.10	98.96	74.00	24.96	peak
2	5350.000	46.40	1.18	47.58	74.00	-26.42	peak
3	5453.760	47.65	1.24	48.89	74.00	-25.11	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



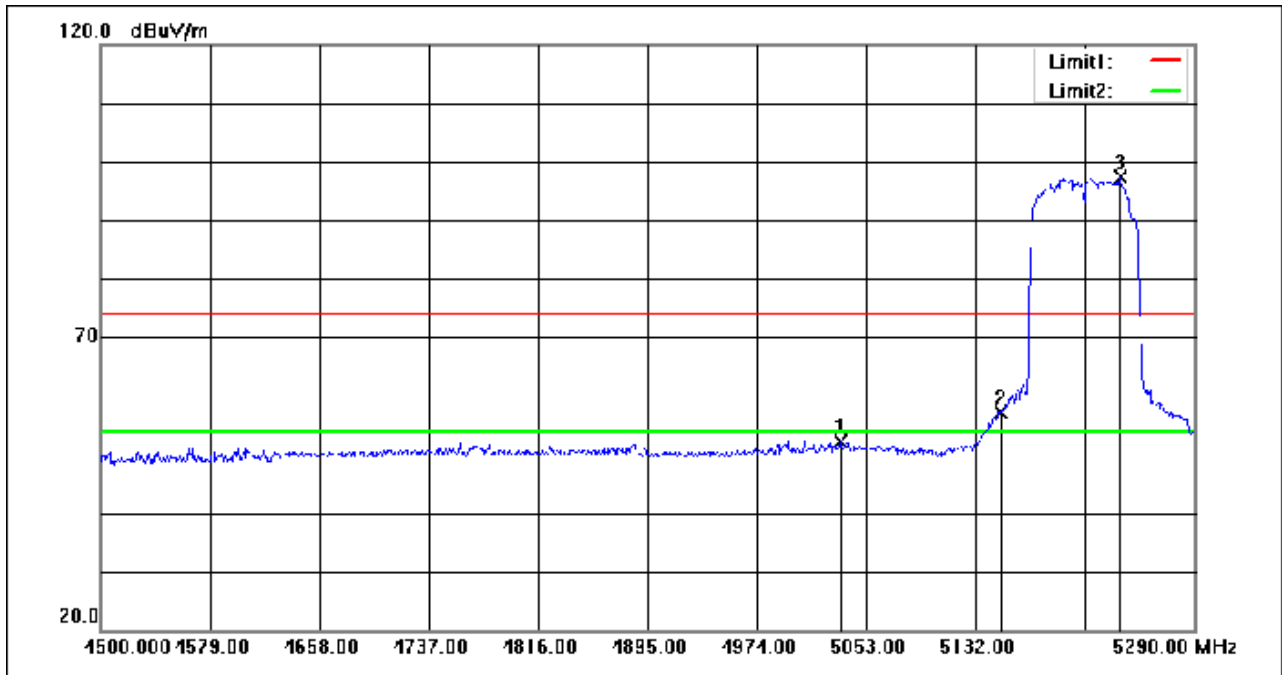
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4985.850	51.18	0.93	52.11	74.00	-21.89	peak
2	5150.000	56.98	1.05	58.03	74.00	-15.97	peak
3	5214.160	94.74	1.09	95.83	74.00	21.83	peak

Mode:g; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



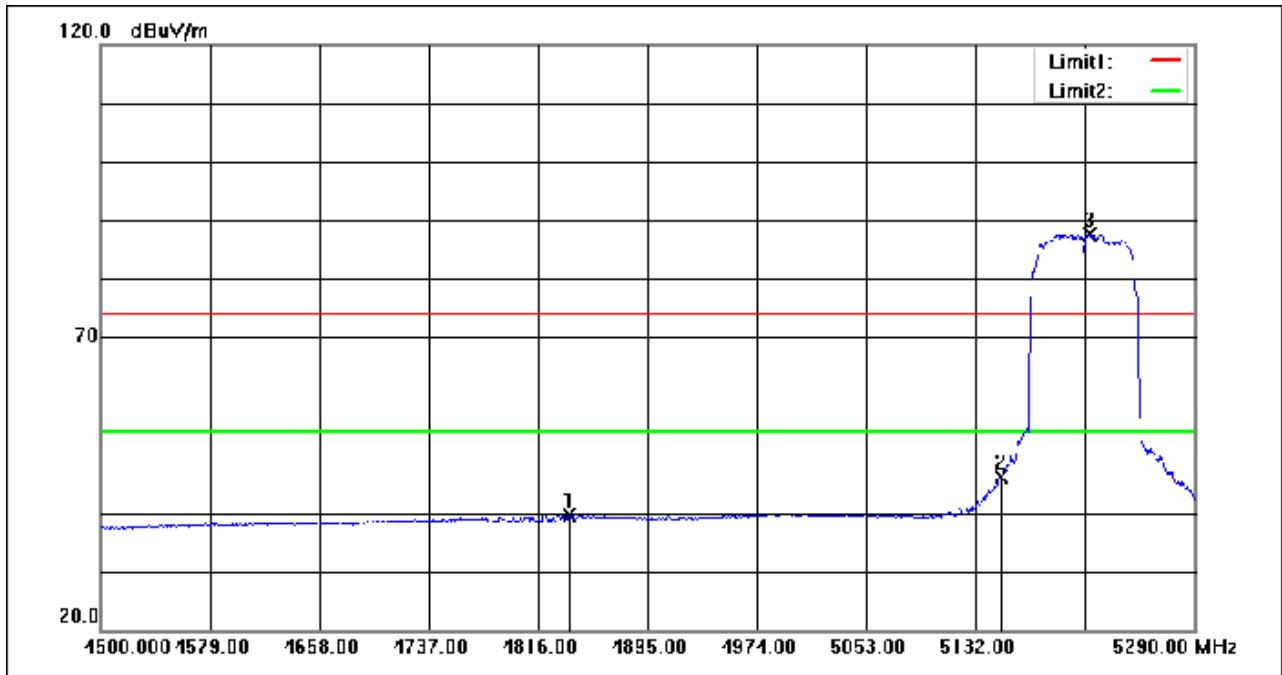
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4925.020	39.38	0.79	40.17	54.00	-13.83	AVG
2	5150.000	43.48	1.05	44.53	54.00	-9.47	AVG
3	5207.840	84.24	1.09	85.33	54.00	31.33	AVG

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



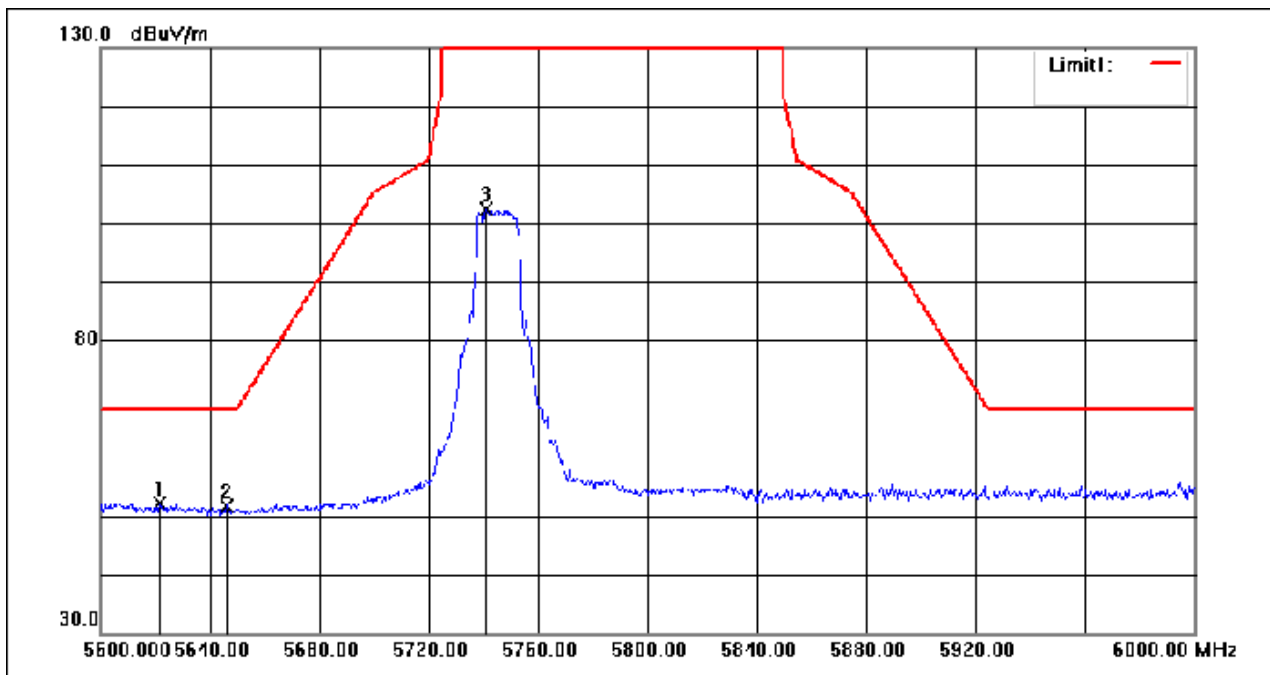
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5034.040	51.24	0.98	52.22	74.00	-21.78	peak
2	5150.000	56.20	1.05	57.25	74.00	-16.75	peak
3	5236.280	96.35	1.11	97.46	74.00	23.46	peak

Mode:g; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



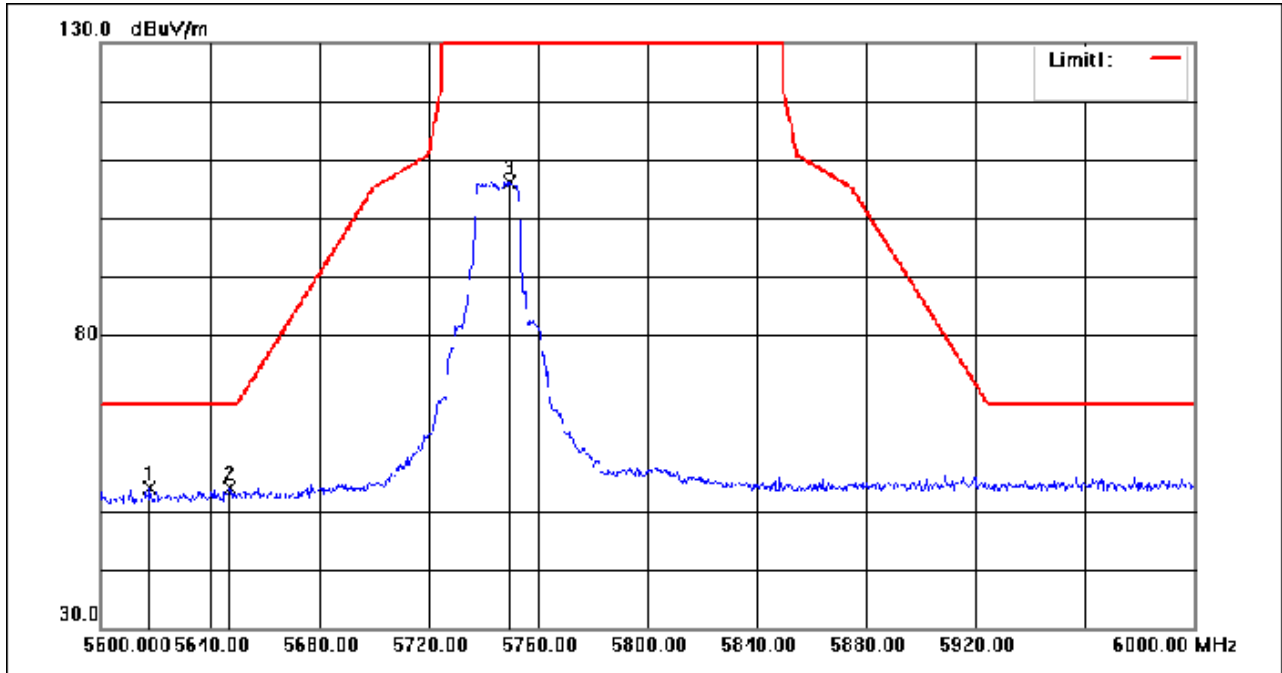
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4838.910	39.15	0.60	39.75	54.00	-14.25	AVG
2	5150.000	45.11	1.05	46.16	54.00	-7.84	AVG
3	5214.160	86.66	1.09	87.75	54.00	33.75	AVG

Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



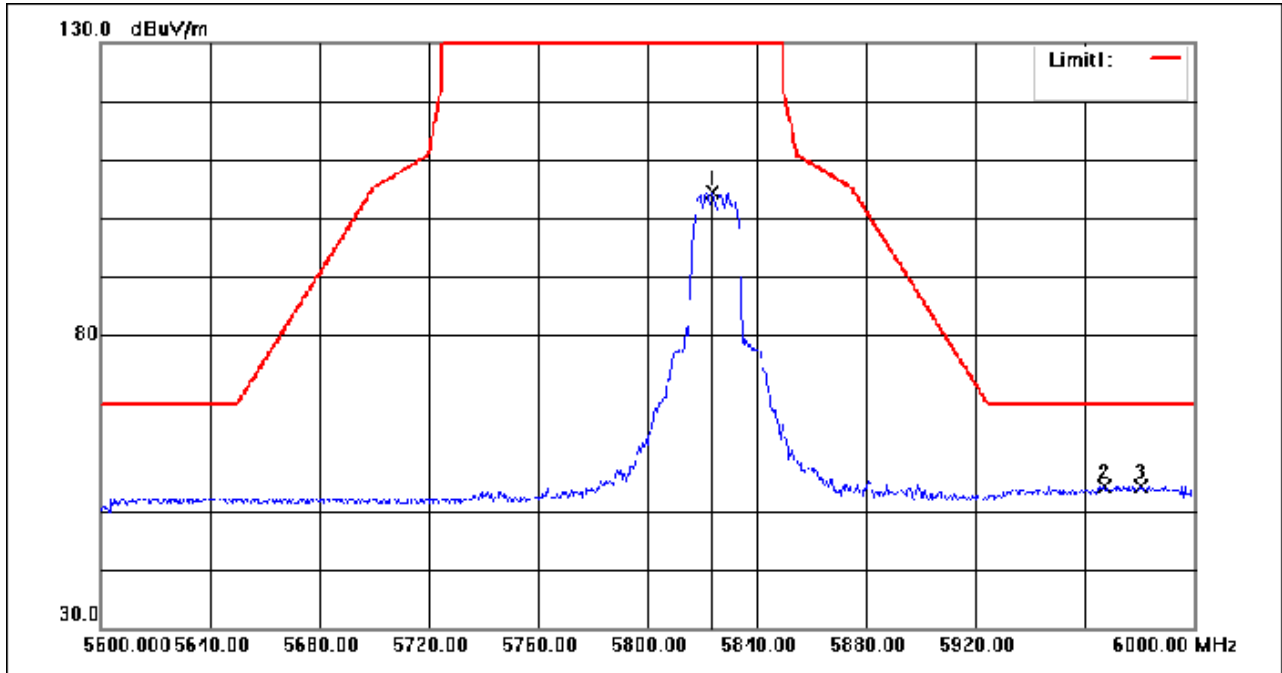
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.600	50.15	2.04	52.19	68.20	-16.01	peak
2	5646.000	49.56	2.19	51.75	68.20	-16.45	peak
3	5740.800	99.69	2.79	102.48	135.00	-32.52	peak

Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.000	51.75	2.02	53.77	68.20	-14.43	peak
2	5647.200	51.60	2.20	53.80	68.20	-14.40	peak
3	5749.600	103.39	2.85	106.24	135.00	-28.76	peak

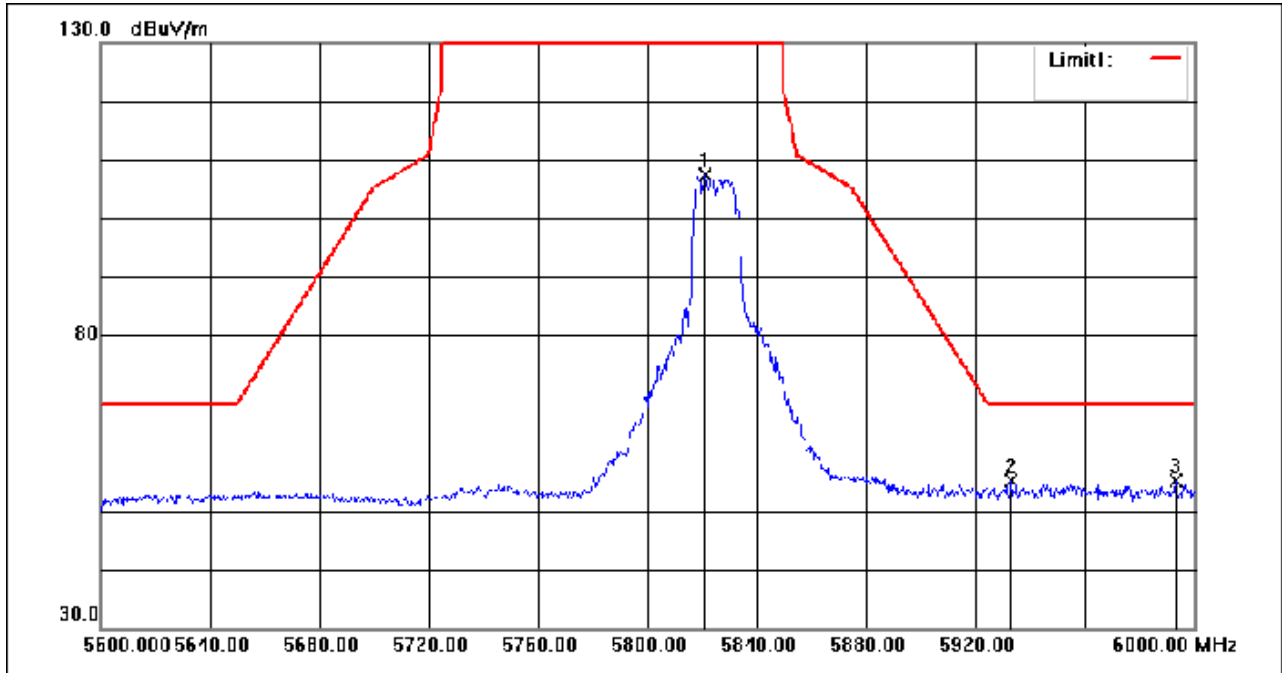
Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5823.600	101.10	3.32	104.42	135.00	-30.58	peak
2	5967.200	49.98	4.22	54.20	68.20	-14.00	peak
3	5980.400	49.93	4.31	54.24	68.20	-13.96	peak

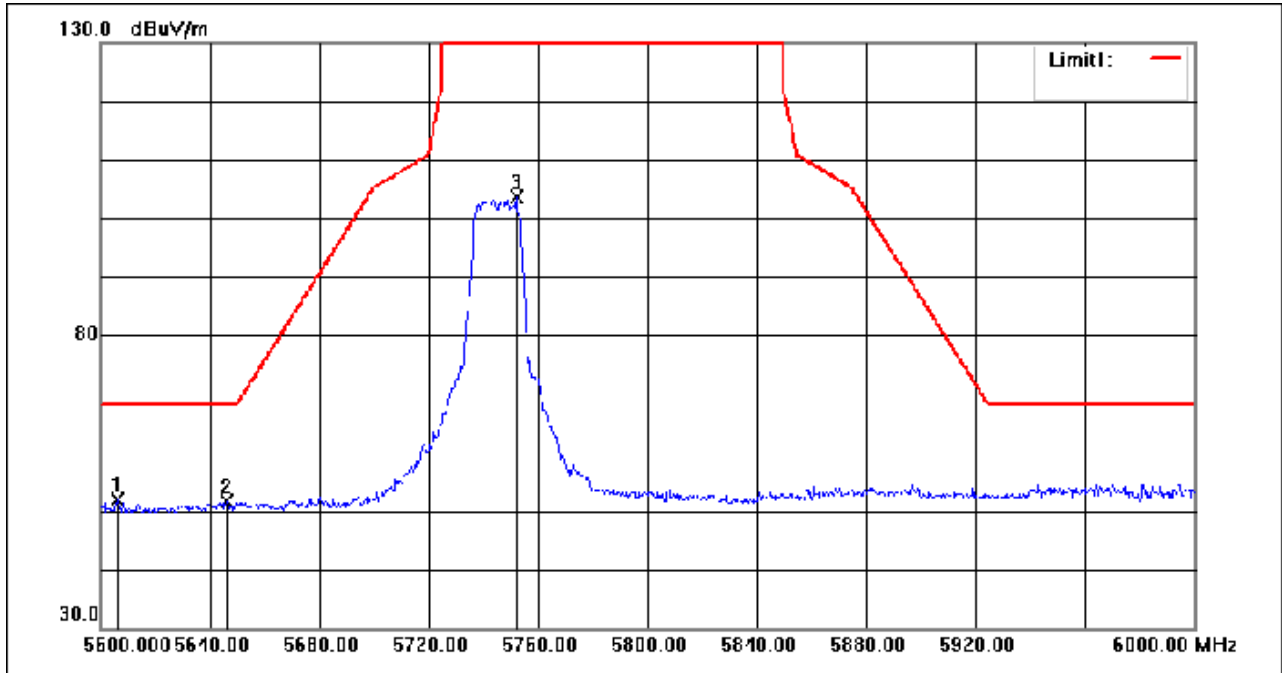


Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



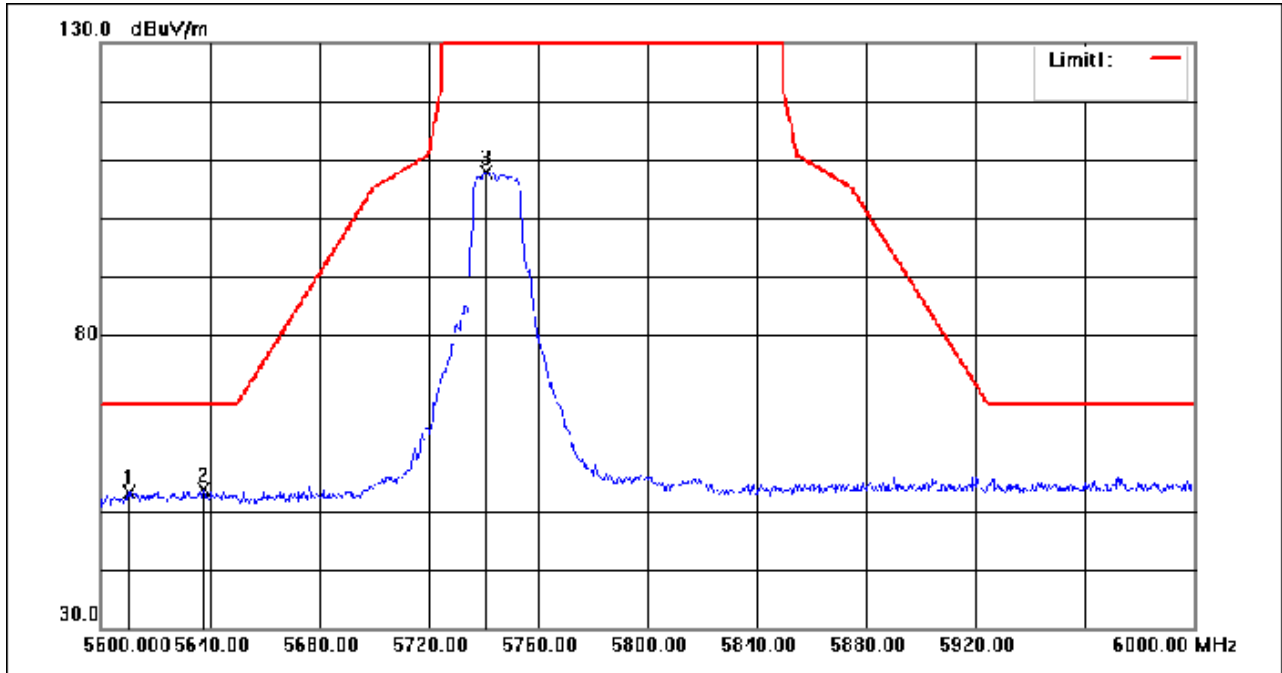
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5821.200	104.09	3.30	107.39	135.00	-27.61	peak
2	5933.200	51.23	4.01	55.24	68.20	-12.96	peak
3	5993.200	50.84	4.39	55.23	68.20	-12.97	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



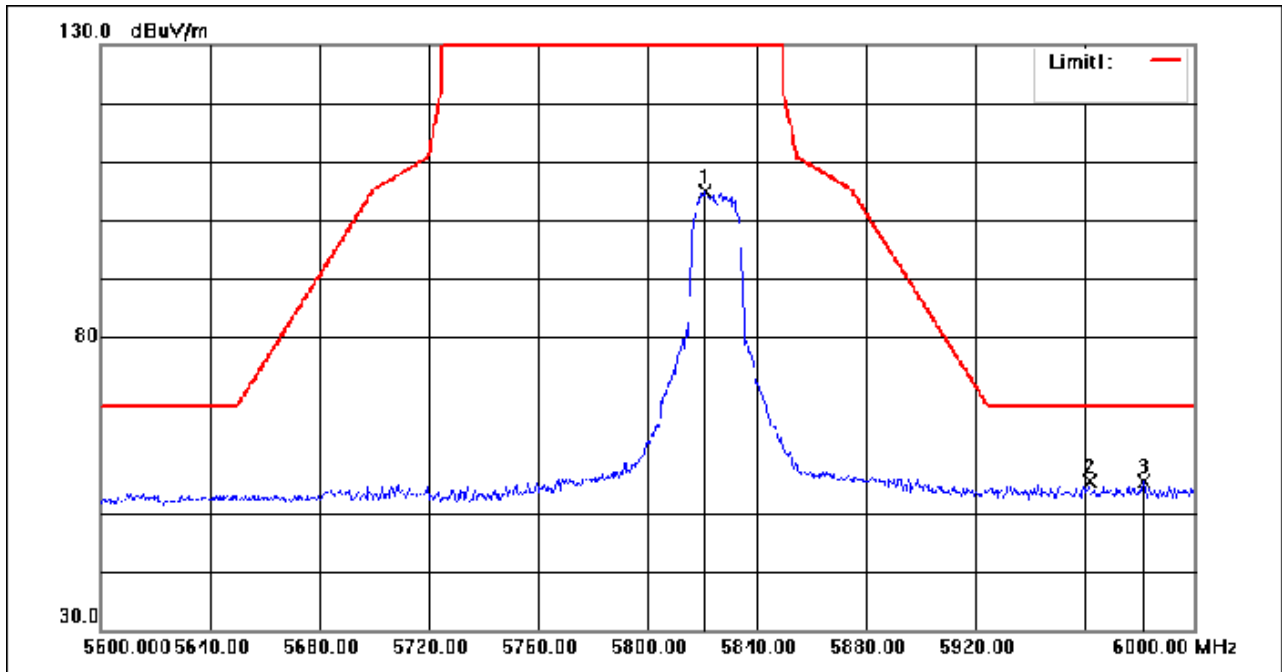
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5606.000	49.88	1.94	51.82	68.20	-16.38	peak
2	5646.000	49.33	2.19	51.52	68.20	-16.68	peak
3	5752.000	100.82	2.86	103.68	135.00	-31.32	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



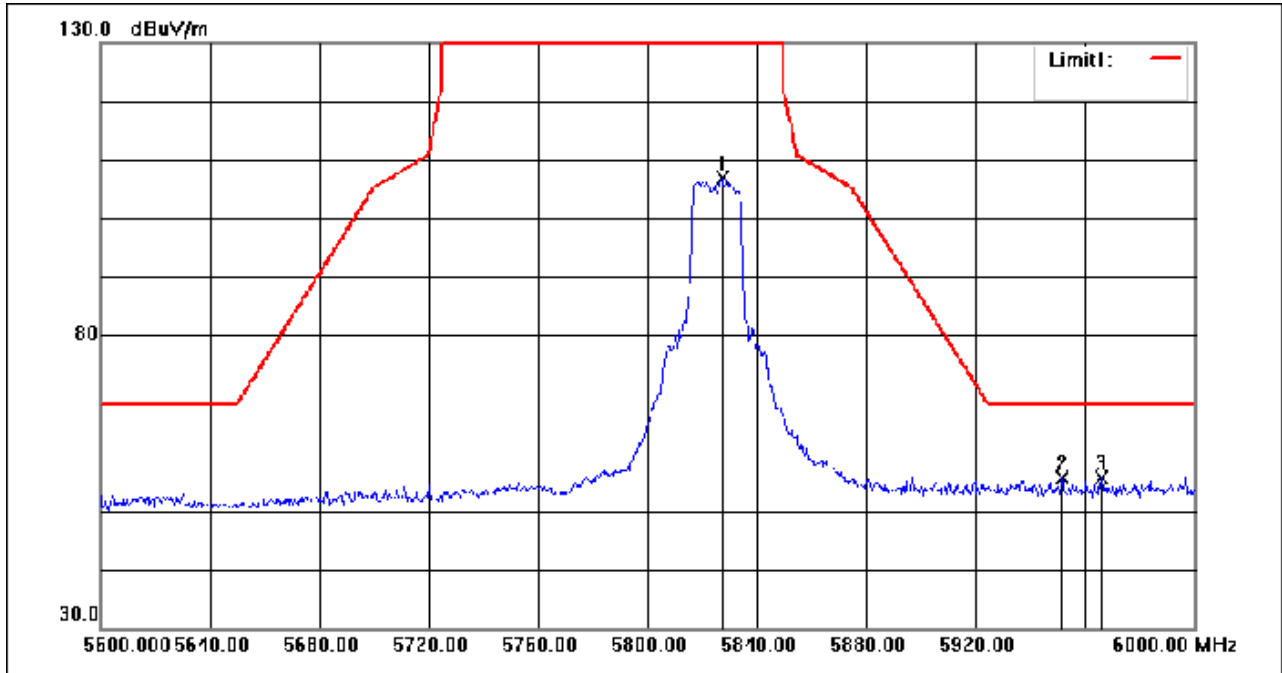
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5610.400	51.22	1.97	53.19	68.20	-15.01	peak
2	5637.600	51.51	2.14	53.65	68.20	-14.55	peak
3	5741.200	105.13	2.79	107.92	135.00	-27.08	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



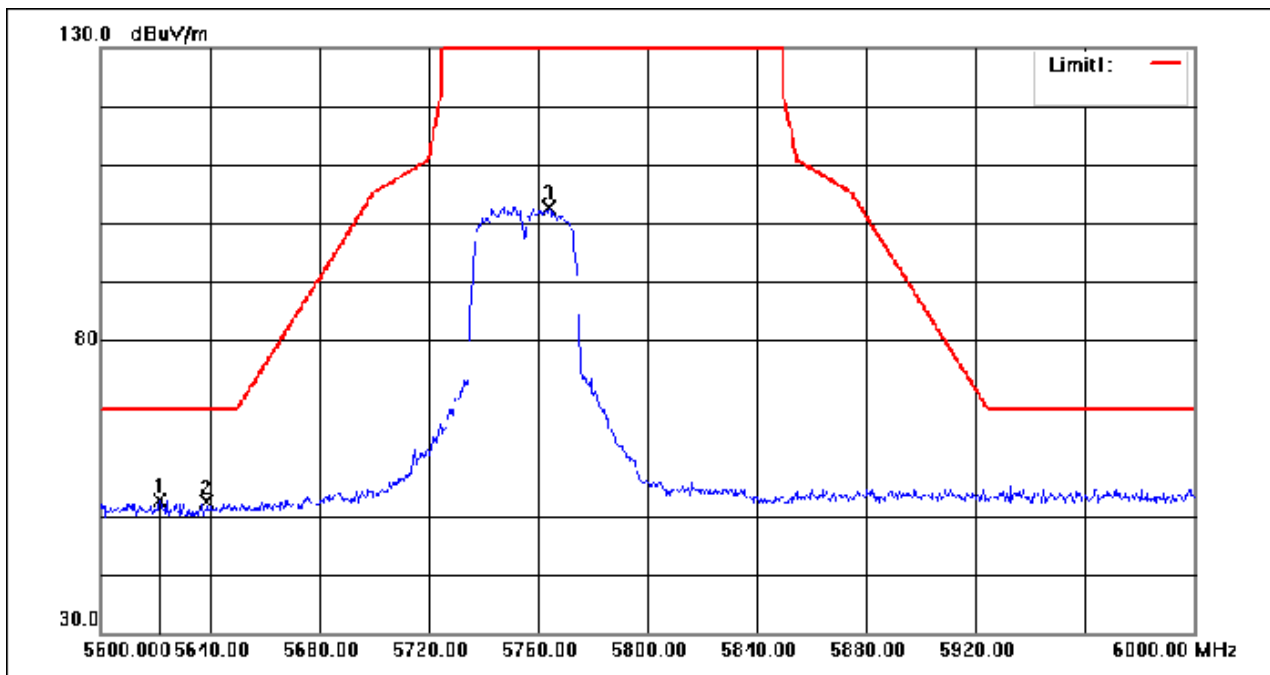
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5820.800	101.50	3.30	104.80	135.00	-30.20	peak
2	5961.600	51.16	4.19	55.35	68.20	-12.85	peak
3	5981.600	51.07	4.31	55.38	68.20	-12.82	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



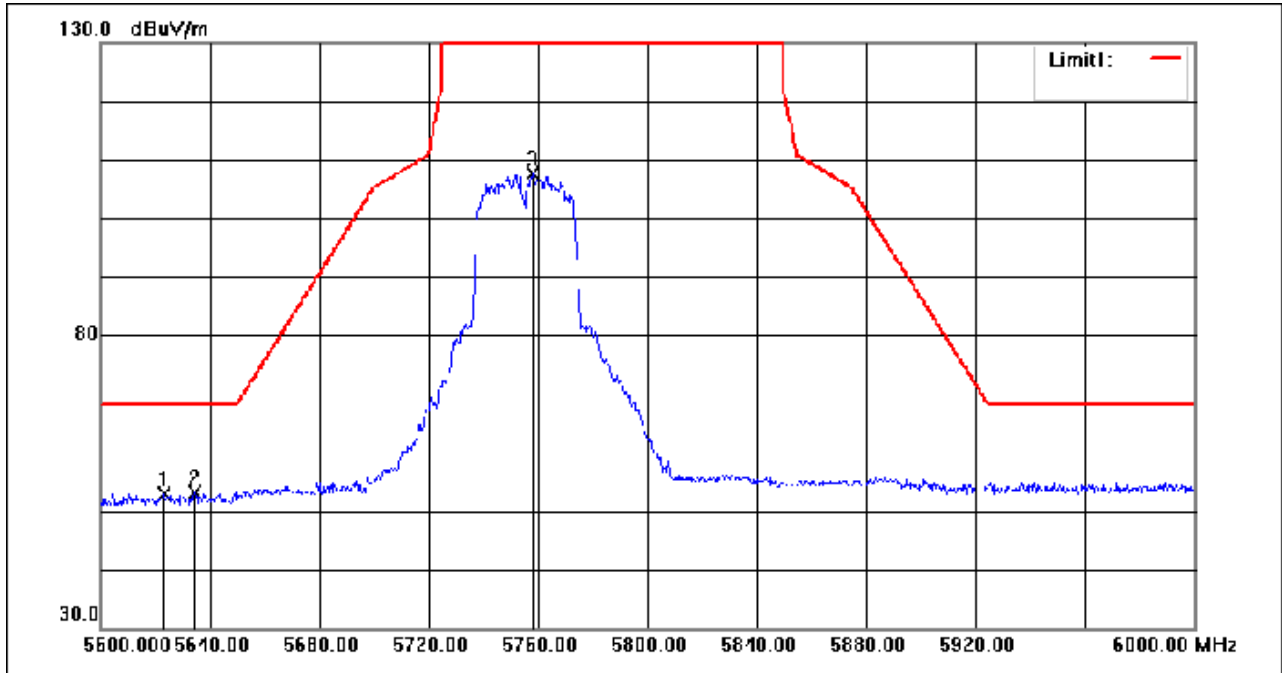
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5827.200	103.52	3.34	106.86	135.00	-28.14	peak
2	5951.600	51.39	4.12	55.51	68.20	-12.69	peak
3	5966.000	51.45	4.22	55.67	68.20	-12.53	peak

Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



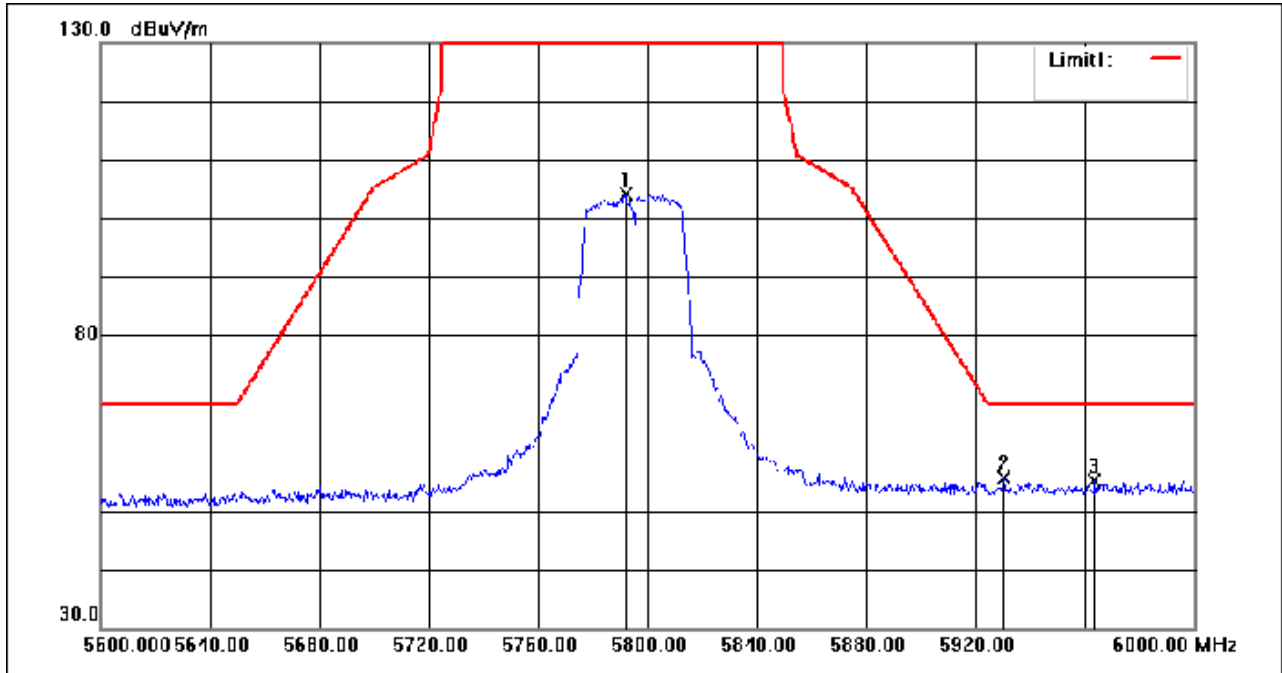
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.600	50.61	2.04	52.65	68.20	-15.55	peak
2	5638.800	50.32	2.15	52.47	68.20	-15.73	peak
3	5764.000	99.81	2.94	102.75	135.00	-32.25	peak

Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5623.200	50.93	2.05	52.98	68.20	-15.22	peak
2	5634.400	51.06	2.12	53.18	68.20	-15.02	peak
3	5758.000	104.68	2.90	107.58	135.00	-27.42	peak

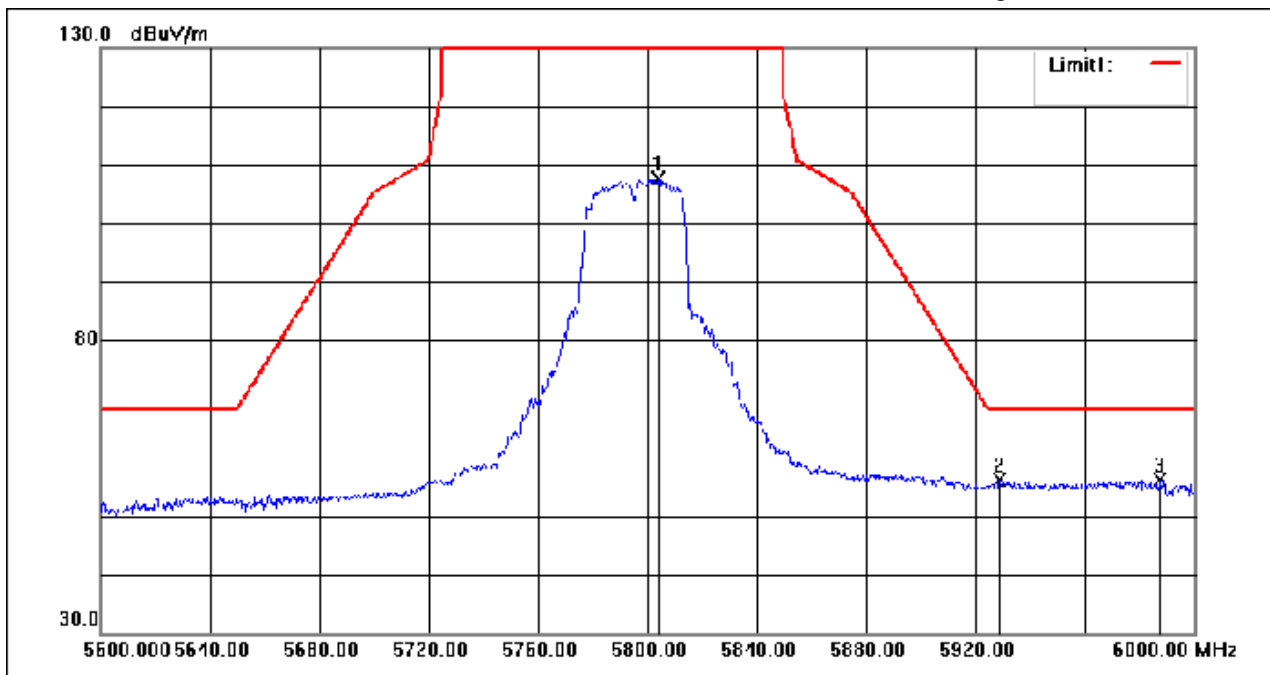
Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5792.000	100.95	3.12	104.07	135.00	-30.93	peak
2	5930.400	51.52	3.99	55.51	68.20	-12.69	peak
3	5963.600	50.91	4.20	55.11	68.20	-13.09	peak

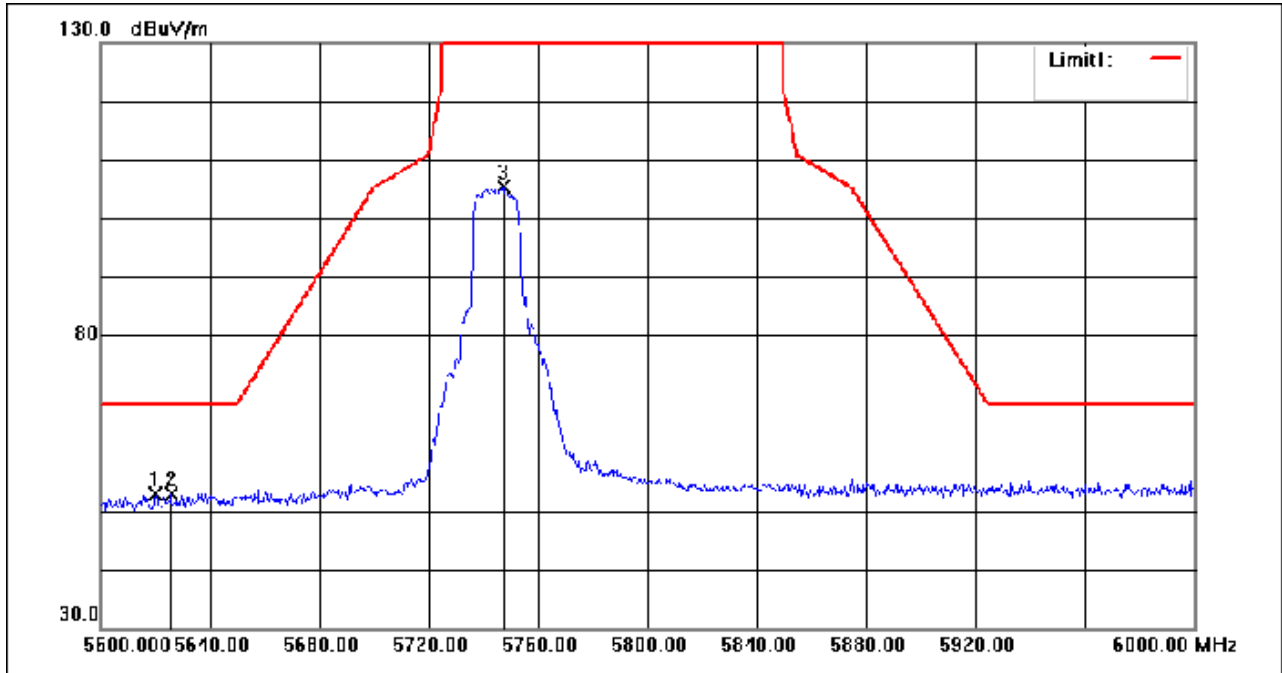


Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



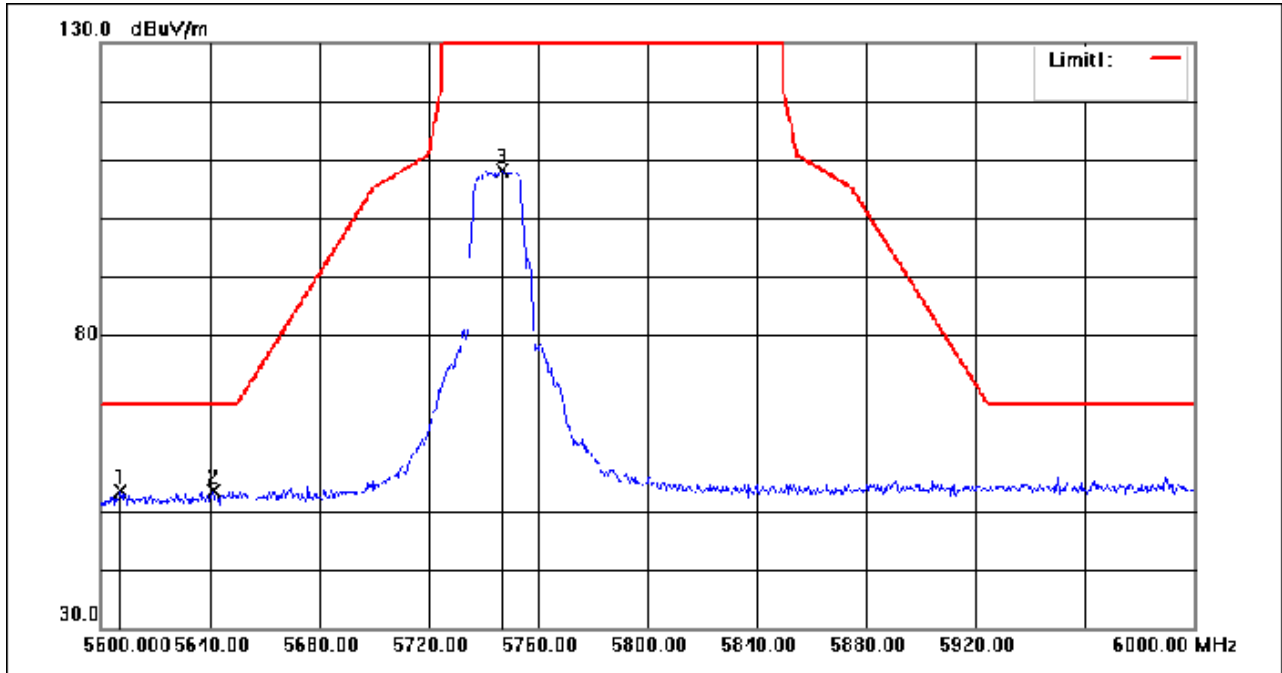
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5804.000	104.45	3.19	107.64	135.00	-27.36	peak
2	5928.800	52.25	3.98	56.23	68.20	-11.97	peak
3	5987.600	51.81	4.35	56.16	68.20	-12.04	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



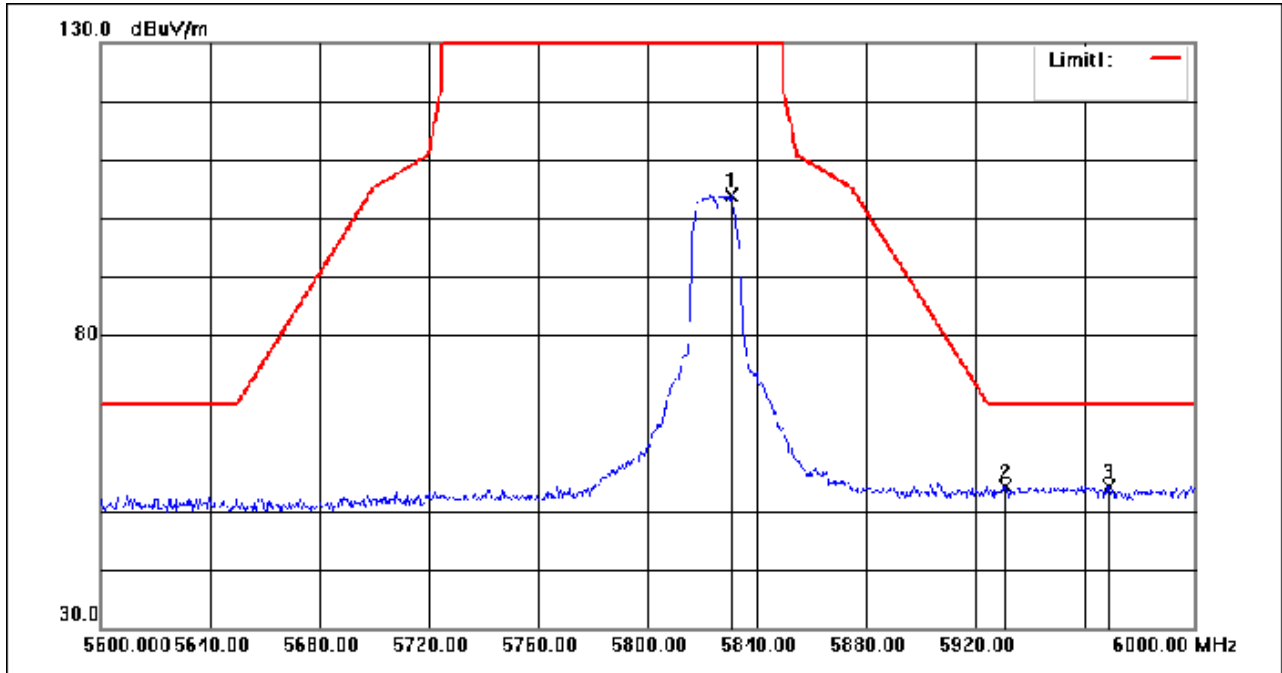
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5620.000	50.80	2.03	52.83	68.20	-15.37	peak
2	5625.600	50.93	2.06	52.99	68.20	-15.21	peak
3	5747.200	102.43	2.83	105.26	135.00	-29.74	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



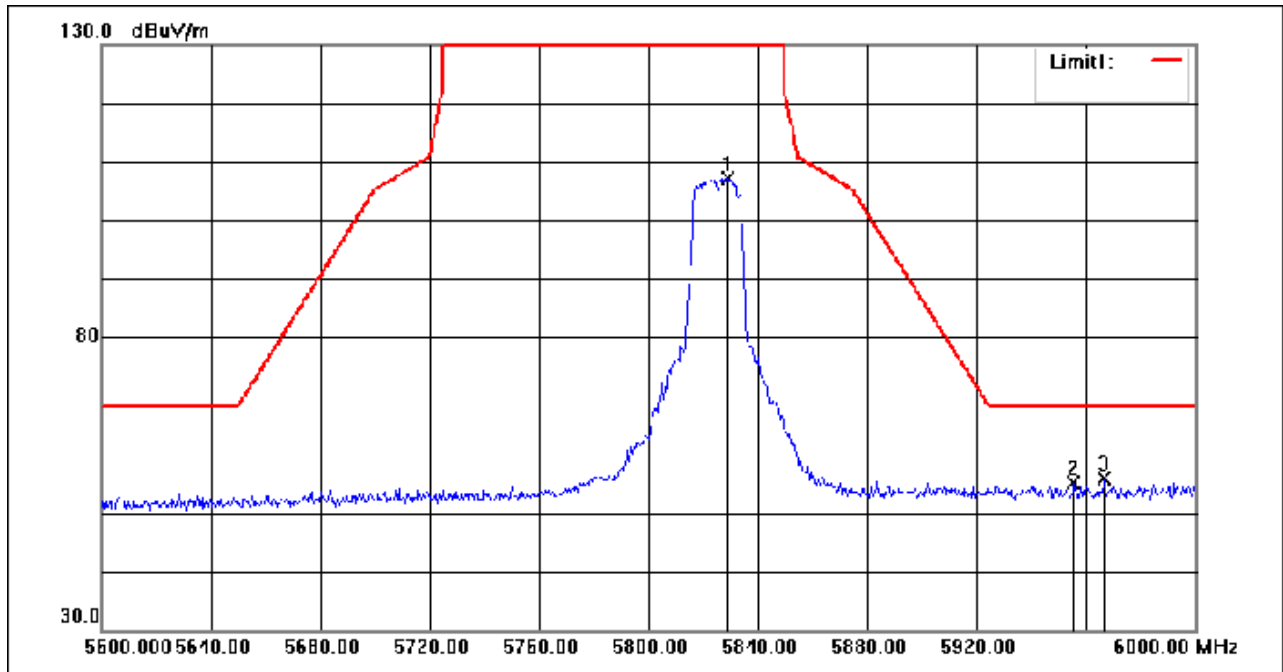
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5607.200	51.31	1.95	53.26	68.20	-14.94	peak
2	5641.200	51.29	2.16	53.45	68.20	-14.75	peak
3	5746.800	105.35	2.83	108.18	135.00	-26.82	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



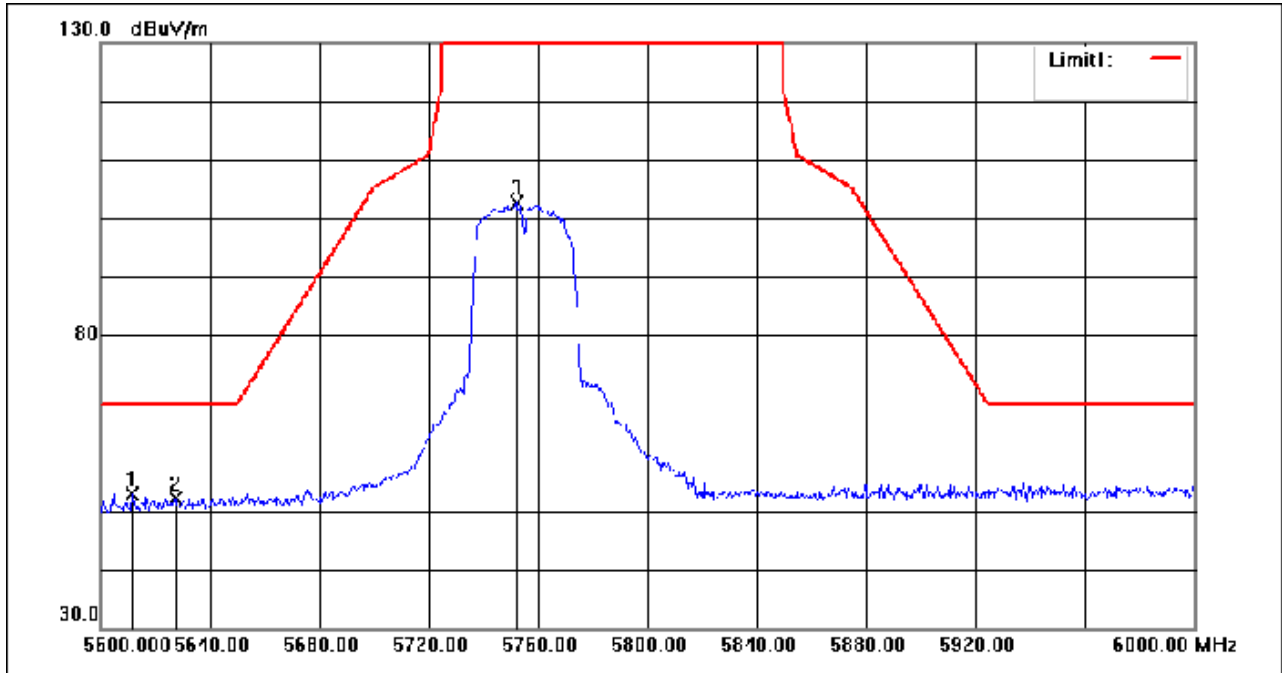
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5830.400	100.59	3.36	103.95	135.00	-31.05	peak
2	5930.800	50.12	3.99	54.11	68.20	-14.09	peak
3	5968.800	49.96	4.23	54.19	68.20	-14.01	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



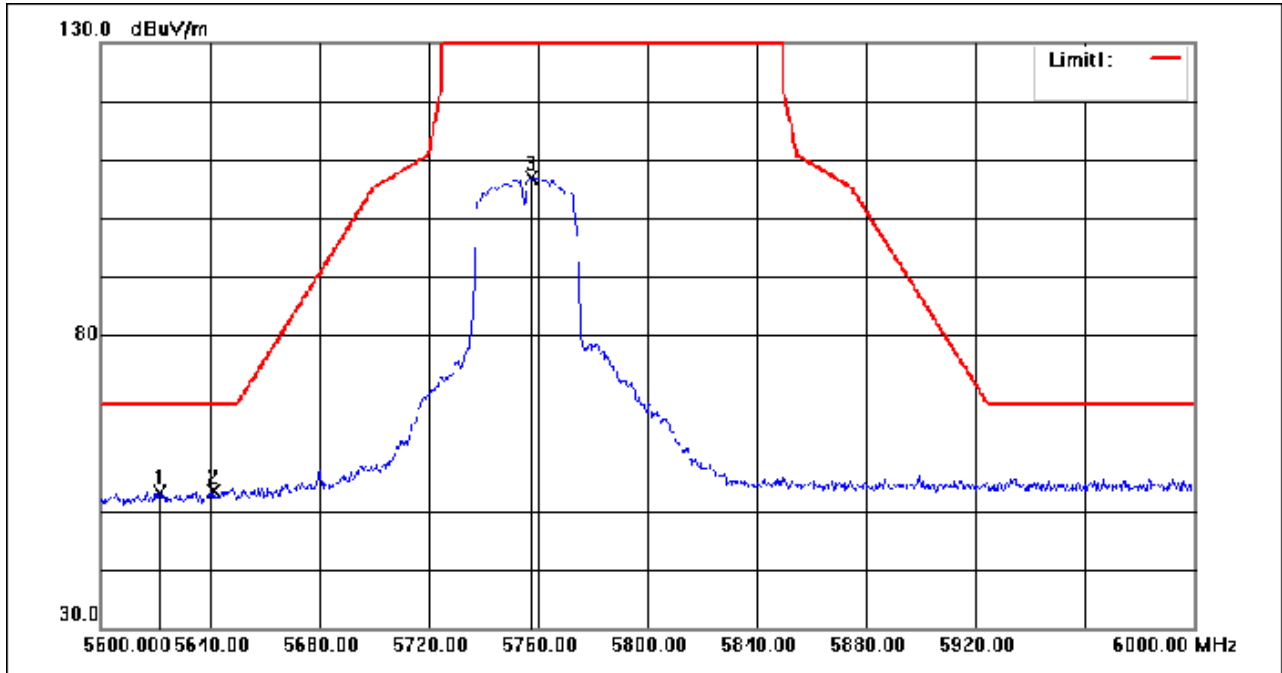
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5828.800	103.73	3.35	107.08	135.00	-27.92	peak
2	5955.600	50.98	4.15	55.13	68.20	-13.07	peak
3	5966.800	51.55	4.22	55.77	68.20	-12.43	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



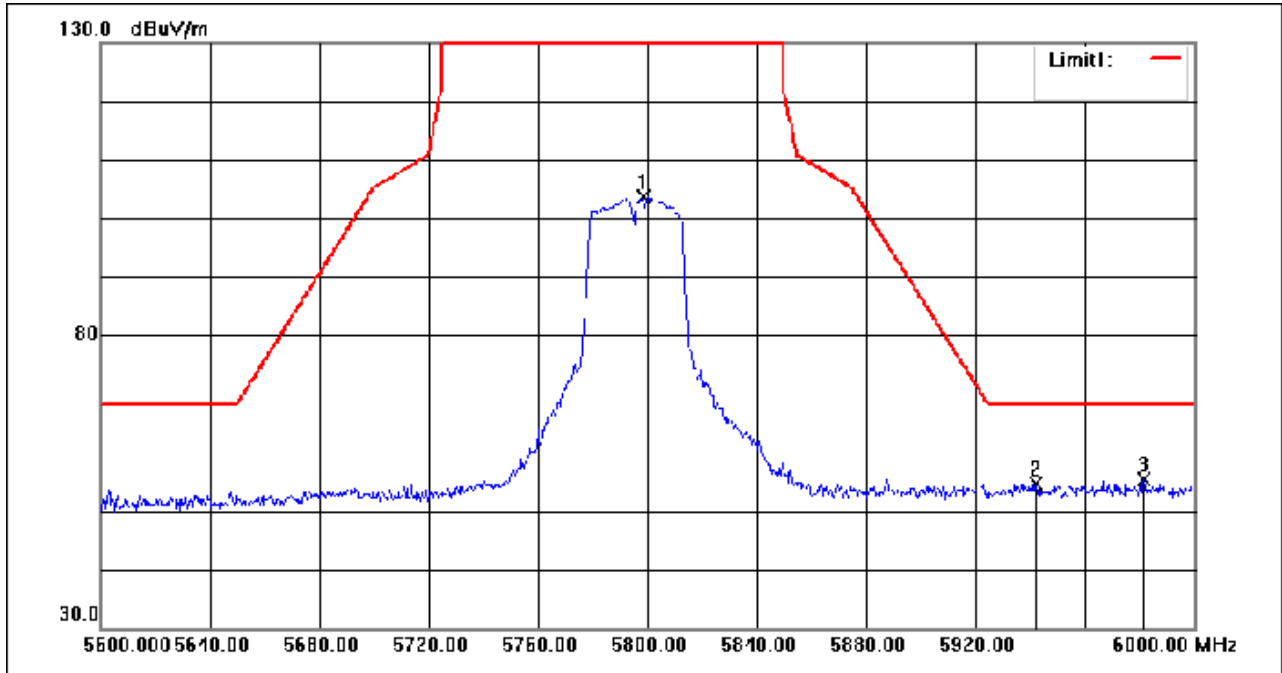
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5611.600	50.79	1.98	52.77	68.20	-15.43	peak
2	5627.200	50.15	2.07	52.22	68.20	-15.98	peak
3	5752.000	99.74	2.86	102.60	135.00	-32.40	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.600	51.04	2.04	53.08	68.20	-15.12	peak
2	5641.200	51.29	2.16	53.45	68.20	-14.75	peak
3	5757.600	104.06	2.90	106.96	135.00	-28.04	peak

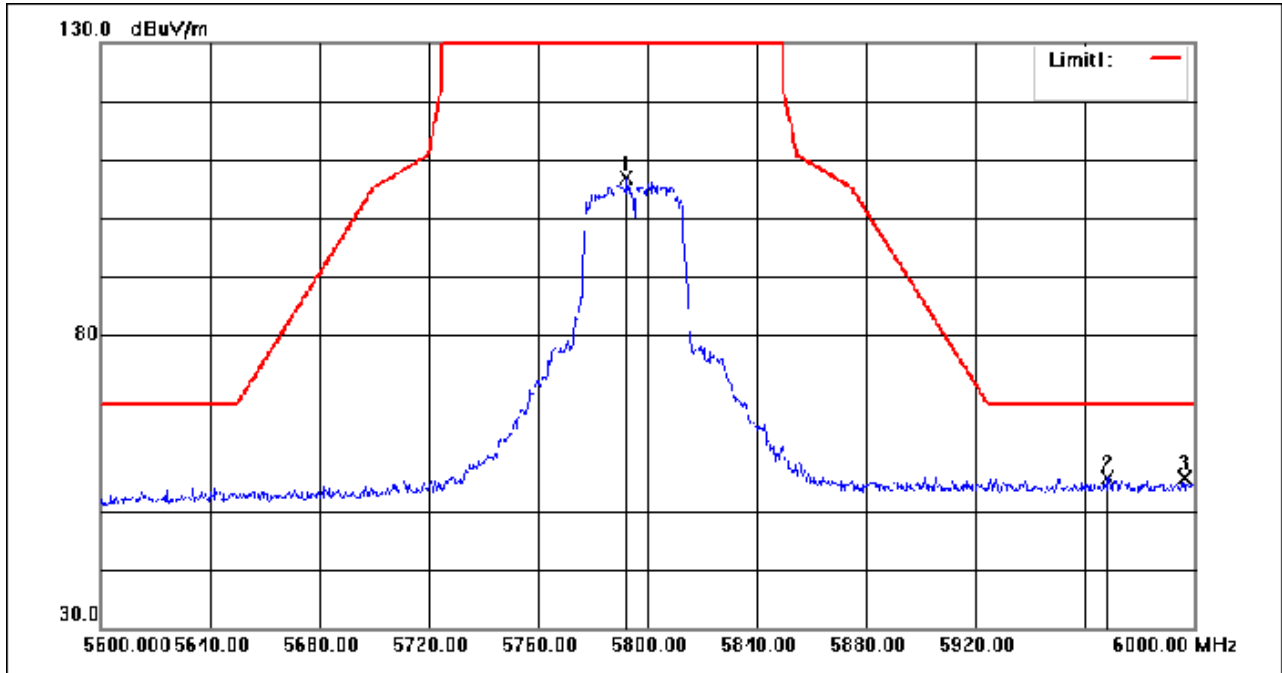
Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5798.400	100.48	3.16	103.64	135.00	-31.36	peak
2	5942.000	50.61	4.06	54.67	68.20	-13.53	peak
3	5981.600	51.00	4.31	55.31	68.20	-12.89	peak

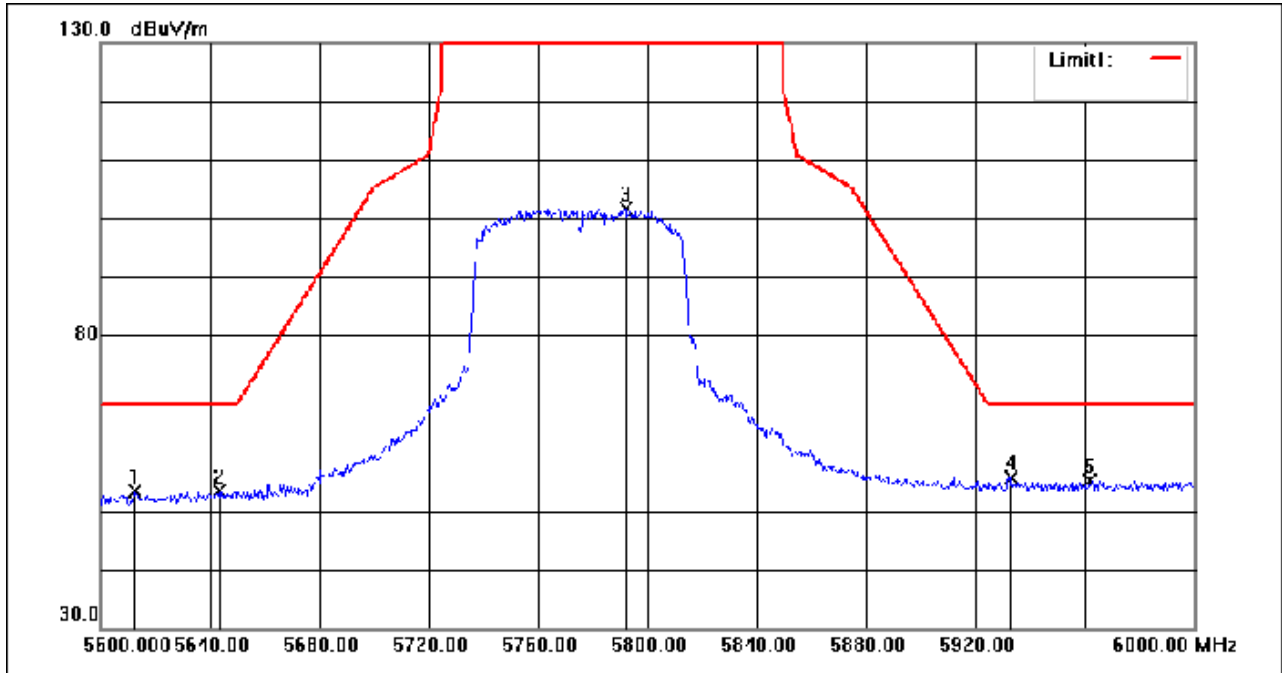


Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



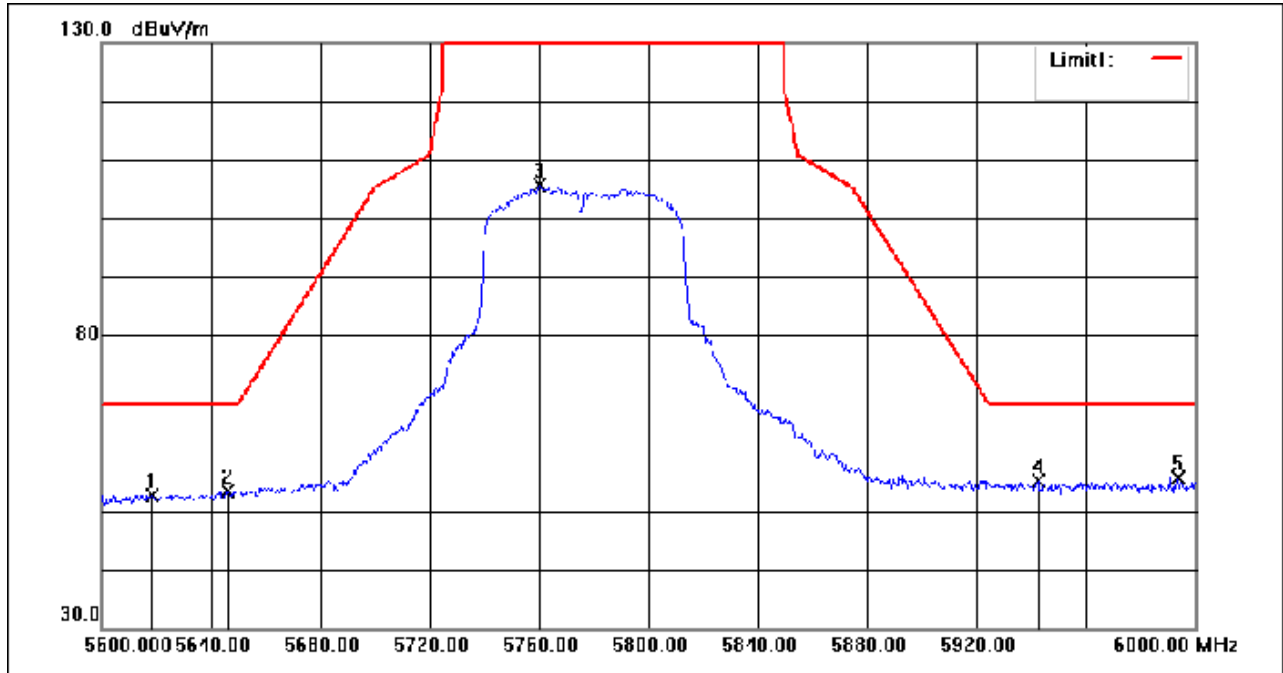
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5792.400	103.65	3.12	106.77	135.00	-28.23	peak
2	5968.400	51.42	4.23	55.65	68.20	-12.55	peak
3	5996.400	51.26	4.41	55.67	68.20	-12.53	peak

Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5612.400	51.32	1.98	53.30	68.20	-14.90	peak
2	5643.200	51.23	2.18	53.41	68.20	-14.79	peak
3	5792.000	98.62	3.12	101.74	135.00	-33.26	peak
4	5933.200	51.61	4.01	55.62	68.20	-12.58	peak
5	5961.600	51.06	4.19	55.25	68.20	-12.95	peak

Mode:h; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5618.400	50.72	2.02	52.74	68.20	-15.46	peak
2	5646.000	51.13	2.19	53.32	68.20	-14.88	peak
3	5760.000	102.66	2.91	105.57	135.00	-29.43	peak
4	5942.400	51.13	4.07	55.20	68.20	-13.00	peak
5	5993.600	51.27	4.39	55.66	68.20	-12.54	peak

## 7.9 Frequency Stability

Test Requirement: 47 CFR Part 15, Subpart C 15.407 (g)  
 Test Method: ANSI C63.10 (2013) Section 6.8  
 Limit: The frequency tolerance shall be maintained within the band of operation frequency over a temperature variation of 0 degrees to 35 degrees C at normal supply voltage, and for a variation in the primary supply voltage from 85% to 115% of the rated supply voltage at a temperature of 20 degrees C.

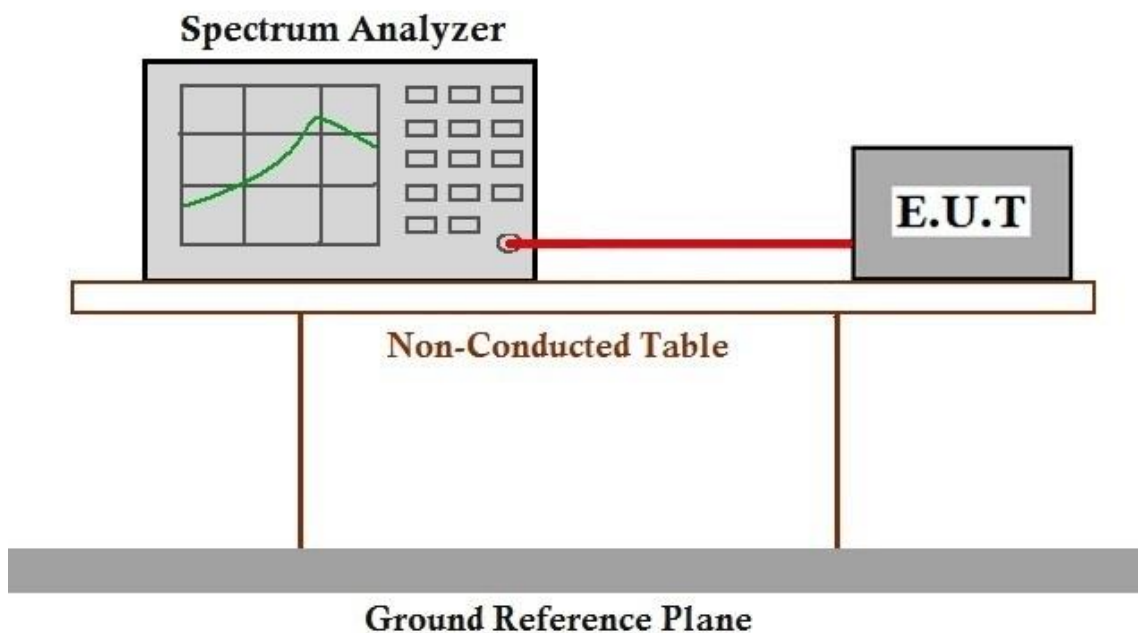
### 7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 22 °C Humidity: 50 % RH Atmospheric Pressure: 1002 mbar

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.  
 f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.9.2 Test Setup Diagram



### 7.9.3 Measurement Procedure and Data

The detailed test data see: Appendix D for SHEM200300180804

**7.10 99% Bandwidth**

Test Requirement      RSS-Gen Section 6.7  
Test Method:            ANSI C63.10 Section 6.9.3

**7.10.1 E.U.T. Operation**

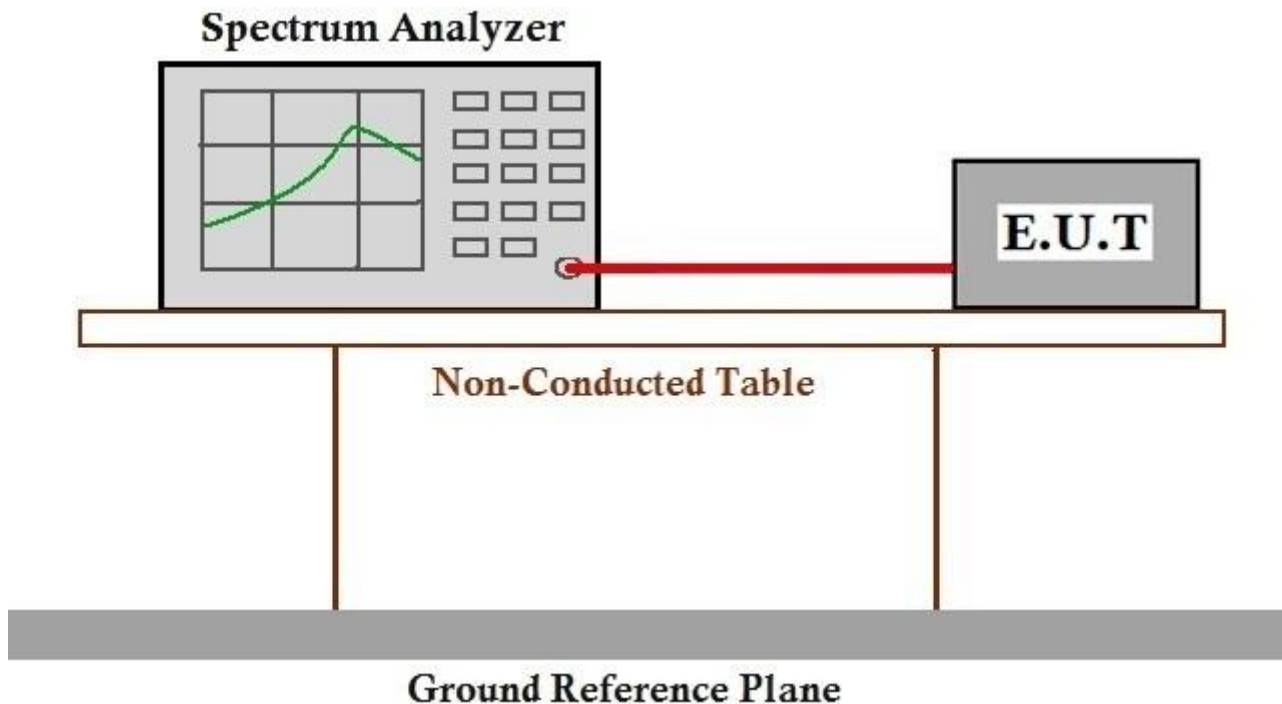
Operating Environment:

Temperature: 22 °C      Humidity: 50 % RH      Atmospheric Pressure: 1002 mbar

Test mode: e:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

f:TX mode (Band 4)\_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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

**7.10.2 Test Setup Diagram**



**7.10.3 Measurement Procedure and Data**

The detailed test data see: Appendix D for SHEM200300180804



## **8 Test Setup Photographs**

Refer to the < Test Setup photos-FCC>.

## **9 EUT Constructional Details**

Refer to the < External Photos > & < Internal Photos >.

**- End of the Report -**