

TEST REPORT

Application No.: KSEM2107001129CR
FCC ID: 2AH25T5F01
Applicant: Shanghai Sunmi Technology Co.,Ltd.
Address of Applicant: Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Manufacturer: Shanghai Sunmi Technology Co.,Ltd.
Address of Manufacturer: Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Factory: Shanghai Sunmi Technology Co.,Ltd.
Address of Factory: Room 505, KIC Plaza, No.388 Song Hu Road, Yang Pu District, Shanghai, China
Equipment Under Test (EUT):
EUT Name: Wireless data POS System
Model No.: T5F01
Trade mark: SUNMI
Standard(s) : 47 CFR Part 15, Subpart E 15.407
Date of Receipt: 2021-02-07
Date of Test: 2021-05-18 to 2021-07-02
Date of Issue: 2021-07-05

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

Eric Lin
Laboratory 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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Revision Record			
Version	Description	Date	Remark
00	Original	2021-07-05	/

Authorized for issue by:			
		<i>Damon Zhou</i>	
		Damon Zhou / Project Engineer	
		<i>Eric Lin</i>	
		Eric Lin / Reviewer	



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2 Test Summary

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

N/A: Not applicable

Radio Spectrum Matter Part			
Item	FCC Requirement	Method	Result
Conducted Emissions at AC Power Line (150kHz-30MHz)	47 CFR Part 15, Subpart C 15.207 & 15.407 b(6)	ANSI C63.10 (2013) Section 6.2	Pass
99% Bandwidth	N/A	KDB 789033 II D	Pass
26dB Emission bandwidth	47 CFR Part 15, Subpart C 15.407 (a)	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)	KDB 789033 D02 II C 2	Pass
Maximum Conducted output power	47 CFR Part 15, Subpart C 15.407 (a)	KDB 789033 D02 II E	Pass
Peak Power spectrum density	47 CFR Part 15, Subpart C 15.407 (a)	KDB 789033 D02 II F	Pass
Radiated Emissions	47 CFR Part 15, Subpart C 15.209 & 15.407(b)	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)	KDB 789033 D02 II G	Pass



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EMC Laboratory

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4 General Information

4.1 Details of E.U.T.

Power supply:	DC 7.7V by Rechargeable Li-Polymer Battery charged by Adapter Battery Model: JKPJ 2ICP5/62/70 Nominal voltage:7.7V Limited charge voltage:8.8V Rated capacity:3500mAh/26.95Wh Typical capacity:3600mAh/27.22Wh Adapter Model: CK18W02U INPUT:100-240V,50/60Hz,0.5A OUTPUT:5V,3A;9V,2A;12V,1.5A
Test voltage:	DC 7.7V Remark: (Only AC 120V 60Hz by AC adapter for Conducted Emission test)
Antenna Gain:	1.9dBi(Provided by the manufacturer)
Antenna Type:	PIFA Antenna
DFS Function:	Slave without Radar detection
TPC Function:	Not Support
Data Rate:	802.11:6/9/12/18/24/36/48/54Mbps 802.11n:MCS0-MCS7;802.11ac:VHT MCS0-MCS7
Operation Frequency:	Band 1: 802.11a/n(HT20)/ac(VHT20): 5180-5240MHz 802.11n(HT40)/ac(VHT40): 5190-5230MHz 802.11ac(VHT80): 5210MHz Band 2A: 802.11a/n(HT20)/ac(VHT20): 5260-5320MHz 802.11n(HT40)/ac(VHT40): 5270-5310MHz 802.11a/n(HT20)/ac(VHT20):5290MHz Band 2C: 802.11a/n(HT20)/ac(VHT20): 5500-5700MHz 802.11n(HT40)/ac(VHT40): 5510-5670MHz 802.11ac(VHT80):5530-5690MHz Band 3: 802.11a/n(HT20): 5745-5825MHz 802.11a/n(HT40)/ac(VHT40): 5755-5795MHz 802.11ac(VHT80):5775MHz
Modulation Type:	802.11a: OFDM (64QAM, 16QAM, QPSK, BPSK) 802.11ac: OFDM (BPSK, QPSK, 16QAM, 64QAM)
Channel Spacing:	802.11a/n(HT20)/ac(VHT20): 20MHz 802.11n(HT40)/ac(VHT40): 40MHz 802.11ac(VHT80): 80MHz



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4.2 Power level setting using in test:

Channel	802.11a	802.11n20	802.11ac20	Channel	802.11n40	802.11ac40	Channel	802.11n80
	Ant 1	Ant 1	Ant 1		Ant 1	Ant 1		Ant 1
36	18	18	18	38	18	17	42	17
40	18	18	18	46	18	17	58	17.5
48	18	18	18	54	18	17.5	106	18.5
52	18	18	18	62	18	17.5	122	18.5
60	18	18	18	102	19	18.5	155	18.5
64	18	18	18	110	19	18.5		
100	19	19	18	118	19	18.5		
116	19	19	18	134	19	18.5		
120	19	19	18	151	20	18.5		
140	19	19	18	159	20	18.5		
149	19	19	18					
157	19	19	18					
165	19	19	18					

4.3 Description of Support Units

The EUT has been tested as an independent unit.



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4.4 Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Radio Frequency	8.4 x 10 ⁻⁸
2	Timeout	2s
3	Duty Cycle	0.37%
4	Occupied Bandwidth	3%
5	RF Conducted Power	0.6dB
6	RF Power Density	2.9dB
7	Conducted Spurious Emissions	0.75dB
8	RF Radiated Power	5.2dB (Below 1GHz)
		5.9dB (Above 1GHz)
9	Radiated Spurious Emission Test	4.2dB (Below 30MHz)
		4.5dB (30MHz-1GHz)
		5.1dB (1GHz-18GHz)
		5.4dB (Above 18GHz)
10	Temperature Test	1°C
11	Humidity Test	3%
12	Supply Voltages	1.5%
13	Time	3%

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



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4.5 Test Location

All tests were performed at:

Compliance Certification Services (Kunshan) Inc.

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

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

No tests were sub-contracted.

4.6 Test Facility

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

- **CNAS (No. CNAS L4354)**

CNAS has accredited Compliance Certification Services (Kunshan) Inc. 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.

- **A2LA (Certificate No. 2541.01)**

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

- **FCC (Designation Number: CN1172)**

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

- **ISED (CAB identifier: CN0072)**

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

Company Number: 2324E

- **VCCI (Member No.: 1938)**

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

4.7 Deviation from Standards

None

4.8 Abnormalities from Standard Conditions

None



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5 Equipment List

Item	Equipment	Manufacturer	Model	Serial Number	Cal Date	Cal. Due Date
Conducted Emission at Mains Terminals (150kHz-30MHz)						
1	EMI Test Receive	R&S	ESCI	100781	02/01/2021	01/31/2022
2	LISN	R&S	ENV216	101604	10/19/2020	10/18/2021
3	LISN	Schwarzbeck	NNLK 8129	8129-143	10/19/2020	10/18/2021
4	Pulse Limiter	R&S	ESH3-Z2	100609	02/01/2021	01/31/2022
5	CE test Cable	Thermax	/	14	10/17/2020	10/16/2021
6	Test Software	Farad	EZ-EMC	CCS-03A1	N.C.R	N.C.R
RF Conducted Test						
1	Spectrum Analyzer	Agilent	E4446A	MY44020154	04/16/2021	04/15/2022
2	Spectrum Analyzer	Keysight	N9020A	MY55370209	12/02/2020	12/01/2021
3	Spectrum Analyzer	Keysight	N9010A	MY56480443	02/01/2021	01/31/2022
4	Signal Generator	Agilent	N5182A	MY50142015	09/25/2020	09/24/2021
5	Radio Communication Test Station	Anritsu	MT8000A	6262012849	N/A	N/A
6	Radio Communication Analyzer	Anritsu	MT8821C	6201692222	N/A	N/A
7	Universal Radio Communication Tester	R&S	CMW500	159275	10/19/2020	10/18/2021
8	Universal Radio Communication Tester	R&S	CMW500	167239	04/16/2021	04/15/2022
9	Power Meter	Anritsu	ML2495A	1445010	04/15/2021	04/14/2022
10	Switcher	CCSRF	FY562	KUS2001M001-3	10/19/2020	10/18/2021
11	AC Power Source	EXTECH	6605	1570106	N.C.R	N.C.R
12	DC Power Supply	Aglient	E3632A	MY50340053	N.C.R	N.C.R
13	6dB Attenuator	Mini-Circuits	NAT-6-2W	15542-1	N.C.R	N.C.R
14	Power Divider	AISI	IOWOPE2068	PE2068	N.C.R	N.C.R
15	Filter	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
16	Conducted test cable	/	RF01-RF04	/	04/15/2021	04/14/2022
17	Software	BST	TST-PASS	N/A	N/A	N/A
18	Temp. / Humidity Chamber	TERCHY	MHK-120AK	X30109	04/15/2021	04/14/2022
19	Thermometer	Anymetre	TH603	CCS007	10/16/2020	10/15/2021
RF Radiated Test						
1	Spectrum Analyzer	R&S	FSV40	101493	10/19/2020	10/18/2021
2	Signal Generator	Agilent	E8257C	MY43321570	10/19/2020	10/18/2021
3	Loop Antenna	Schwarzbeck	HXYZ9170	9170-108	02/22/2021	02/21/2022
4	Bilog Antenna	TESEQ	CBL 6112D	35403	06/21/2019	06/20/2021
5	Bilog Antenna	TESEQ	CBL 6112D	35403	06/21/2021	06/20/2023
6	Bilog Antenna	SCHWARZBECK	VULB9160	9160-3342	04/13/2021	04/12/2023
7	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	267	10/26/2020	10/25/2022
8	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	00143290	02/22/2021	02/21/2023
9	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	BBHA9170171	02/22/2021	02/21/2022
10	Pre-Amplifier(30MHz~18GHz)	LNA	/	/	04/15/2021	04/14/2022
11	Amplifier(18~40GHz)	COM-POWER	PAM-840A	461332	10/23/2020	10/22/2021
12	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
13	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
14	Filter (5450MHz~5770 MHz)	MICRO-TRONICS	BRC50704-01	2	N.C.R	N.C.R



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15	Filter (5690 MHz~5930 MHz)	MICRO-TRONICS	BRC50705-01	4	N.C.R	N.C.R
16	Filter (5150 MHz~5350 MHz)	MICRO-TRONICS	BRC50703-01	2	N.C.R	N.C.R
17	Filter (885 MHz~915 MHz)	MICRO-TRONICS	BRM14698	1	N.C.R	N.C.R
18	Filter (815 MHz~860 MHz)	MICRO-TRONICS	BRM14697	1	N.C.R	N.C.R
19	Filter (1745 MHz~1910 MHz)	MICRO-TRONICS	BRM14700	1	N.C.R	N.C.R
20	Filter (1922 MHz~1977 MHz)	MICRO-TRONICS	BRM50715	1	N.C.R	N.C.R
21	Filter (2550 MHz)	MICRO-TRONICS	HPM13362	5	N.C.R	N.C.R
22	Filter (1532 MHz~1845 MHz)	MICRO-TRONICS	BRM50713	1	N.C.R	N.C.R
23	Filter (2.4GHz)	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
24	RE test cable	/	RE01-RE04	/	04/15/2021	04/14/2022
25	Software	Faratronic	EZ EMC-v 3A1	N/A	N/A	N/A



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6 Radio Spectrum Technical Requirement

6.1 Antenna Requirement

6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

6.1.2 Conclusion

Standard Requirement:

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

EUT Antenna:

The antenna is integrated on the main PIFA and no consideration of replacement. The best case gain of the antenna is 1.9dBi.

Antenna location: Refer to Appendix (Internal Photos)



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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 chip (MT6631) 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.



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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.



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7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 45 % RH Atmospheric Pressure: 1001 mbar

PresTest 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

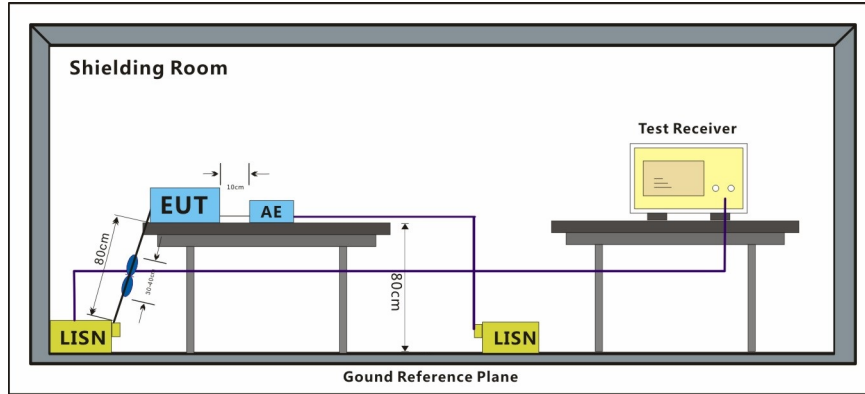
h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst 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.

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.



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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



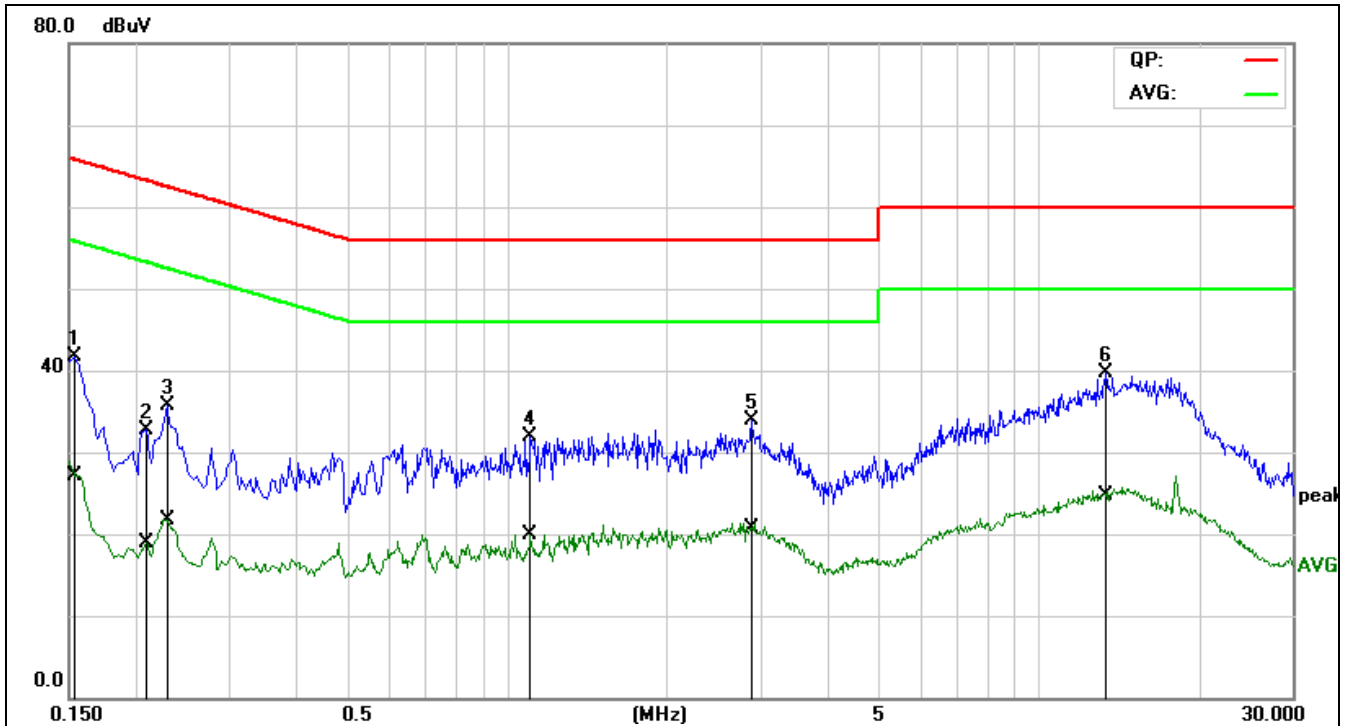
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Line: Live Line



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1539	22.17	7.73	19.46	41.63	27.19	65.78	55.79	-24.15	-28.60	Pass
2	0.2100	13.28	-0.56	19.46	32.74	18.90	63.20	53.21	-30.46	-34.31	Pass
3	0.2300	16.23	2.18	19.47	35.70	21.65	62.45	52.45	-26.75	-30.80	Pass
4	1.1060	12.28	0.39	19.55	31.83	19.94	56.00	46.00	-24.17	-26.06	Pass
5	2.8900	14.18	1.09	19.64	33.82	20.73	56.00	46.00	-22.18	-25.27	Pass
6*	13.3420	19.65	4.71	20.09	39.74	24.80	60.00	50.00	-20.26	-25.20	Pass



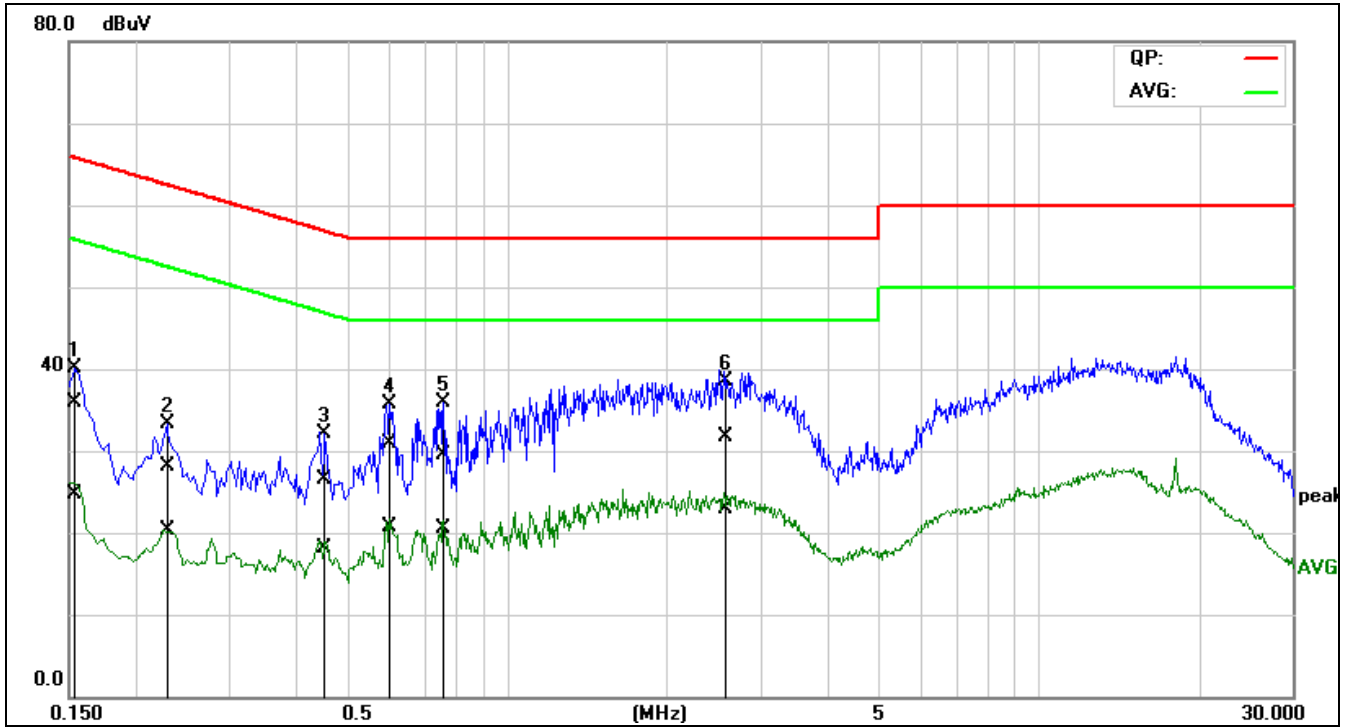
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Line: Neutral Line



No.	Frequency (MHz)	QuasiPeak reading (dBuV)	Average reading (dBuV)	Correction factor (dB)	QuasiPeak result (dBuV)	Average result (dBuV)	QuasiPeak limit (dBuV)	Average limit (dBuV)	QuasiPeak margin (dB)	Average margin (dB)	Remark
1	0.1539	16.51	5.19	19.42	35.93	24.61	65.78	55.79	-29.85	-31.18	Pass
2	0.2309	8.69	0.78	19.44	28.13	20.22	62.41	52.42	-34.28	-32.20	Pass
3	0.4500	7.03	-1.47	19.49	26.52	18.02	56.87	46.88	-30.35	-28.86	Pass
4	0.6025	11.43	1.14	19.52	30.95	20.66	56.00	46.00	-25.05	-25.34	Pass
5	0.7576	9.95	1.02	19.52	29.47	20.54	56.00	46.00	-26.53	-25.46	Pass
6*	2.5853	12.18	3.32	19.60	31.78	22.92	56.00	46.00	-24.22	-23.08	Pass



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7.2 99% Bandwidth

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

7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1006 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

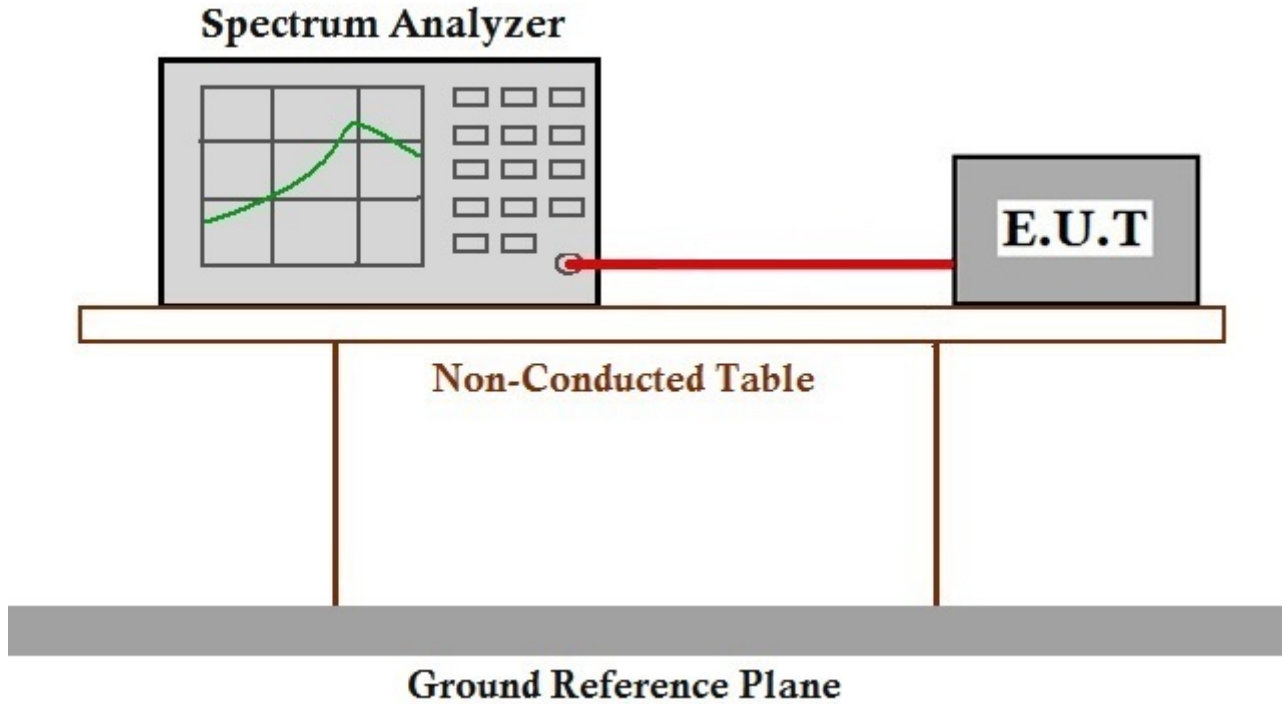
g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst 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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.



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7.2.2 Test Setup Diagram



7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix D for KSEM210700112904



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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: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

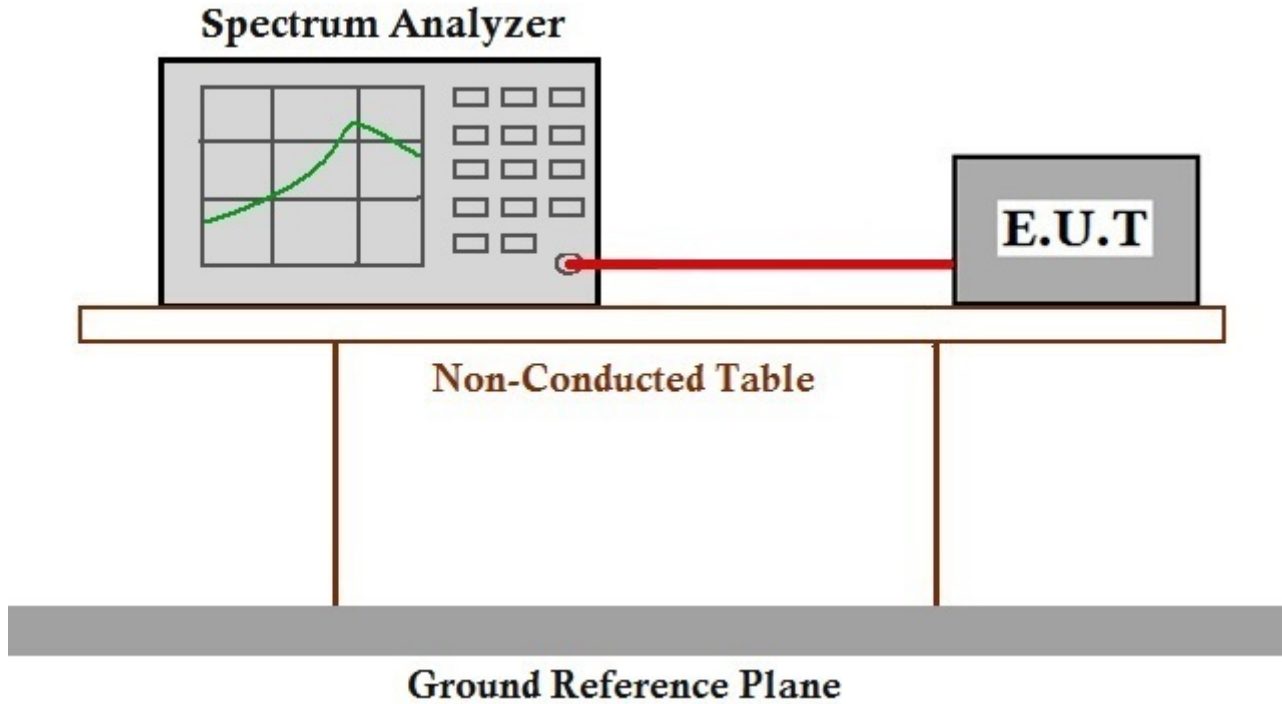


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7.3.2 Test Setup Diagram



7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix D for KSEM210700112904



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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: ≥ 500 kHz

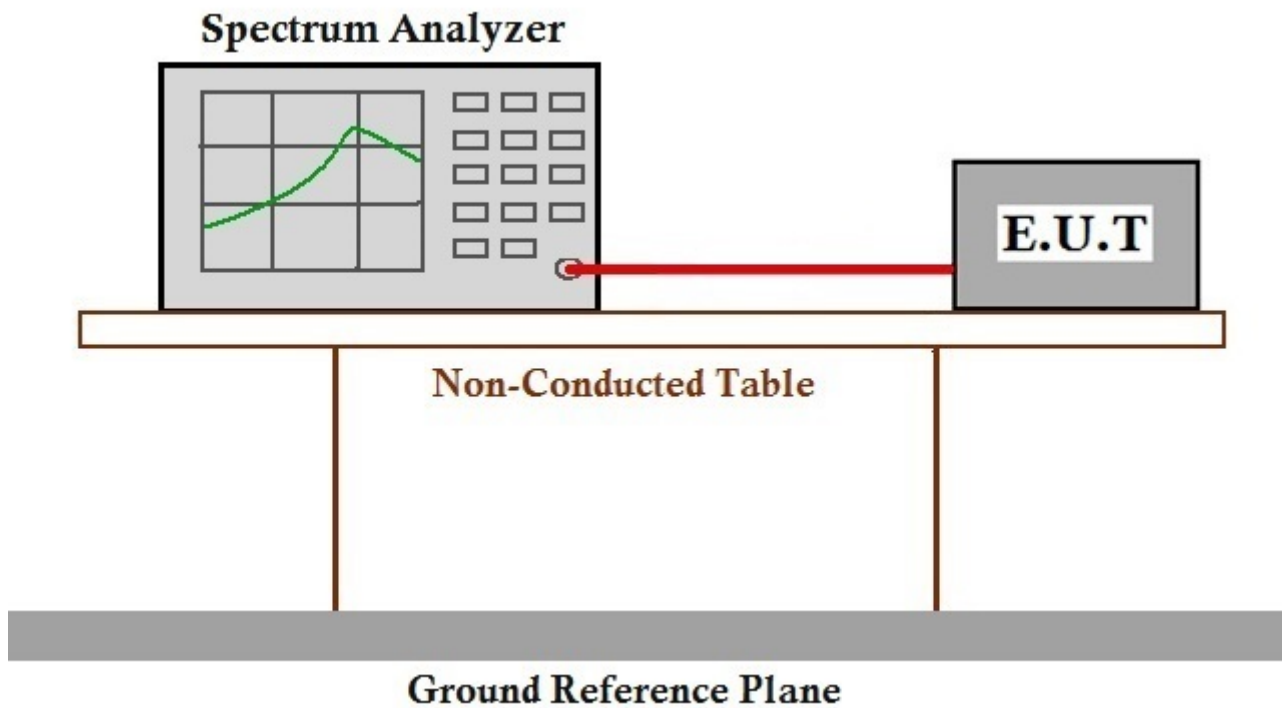
7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 mbar

Test mode h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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 KSEM210700112904



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



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7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.



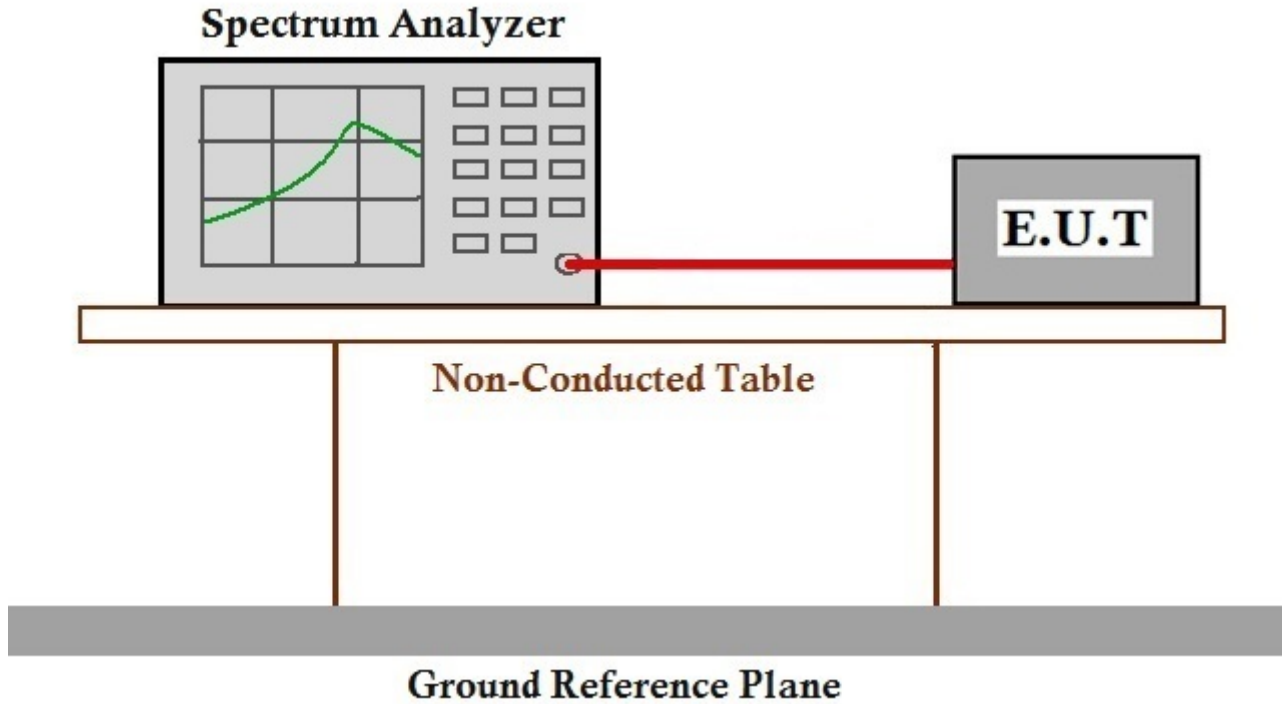
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7.5.2 Test Setup Diagram



7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix D for KSEM210700112904



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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:	The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test.



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7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.



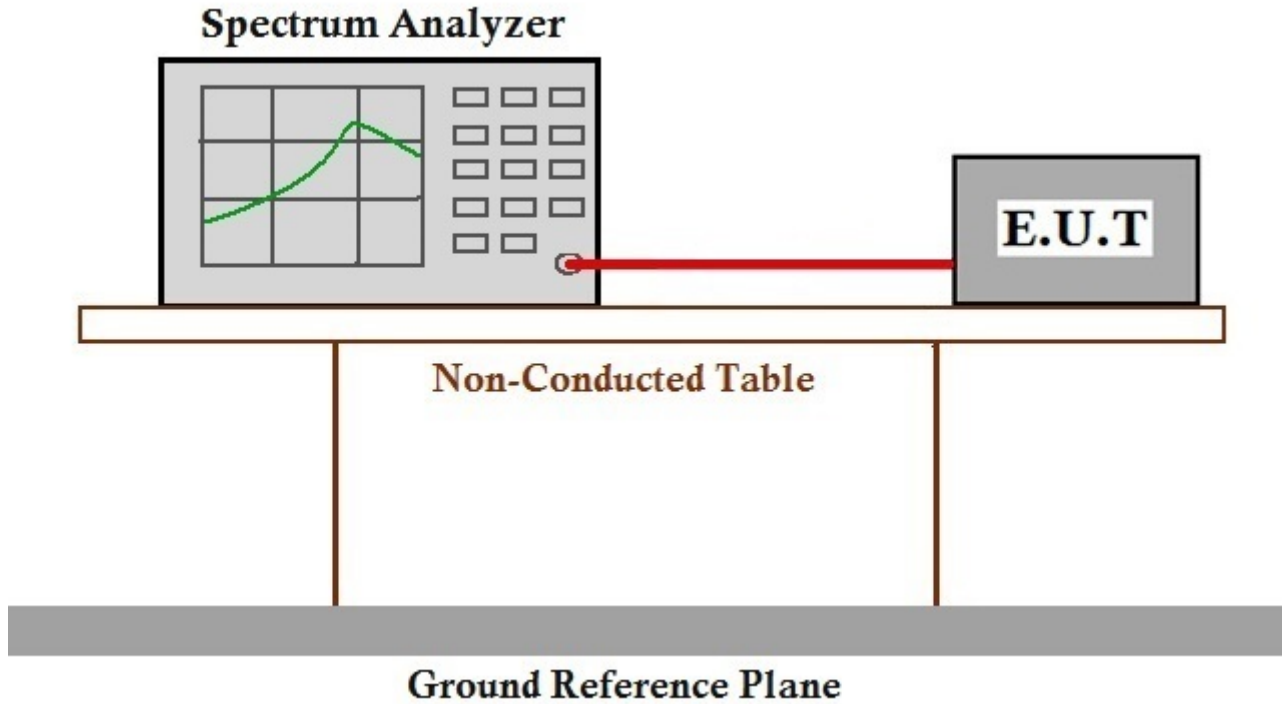
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7.6.2 Test Setup Diagram



7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix D for KSEM210700112904



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7.7 Radiated Emissions

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

Test Method: KDB 789033 D02 II G

Limit:

Limit:

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).

For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).

For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz (68.2dBuV/m).

For transmitters operating in the 5.725-5.85 GHz band: (i) All emissions shall be limited to a level of -27 dBm/MHz (68.2dBuV/m) at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz (105.2dBuV/m) at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz (110.8dBuV/m) at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz (122.2dBuV/m) at the band edge.



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7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.



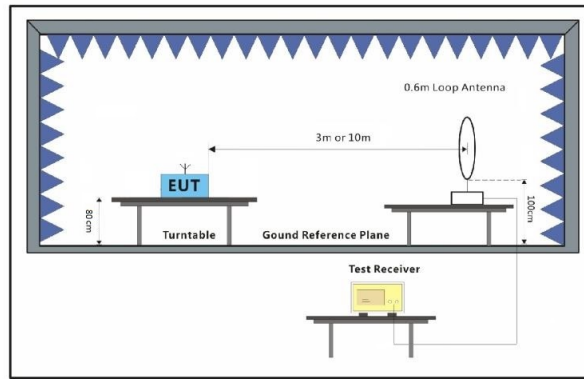
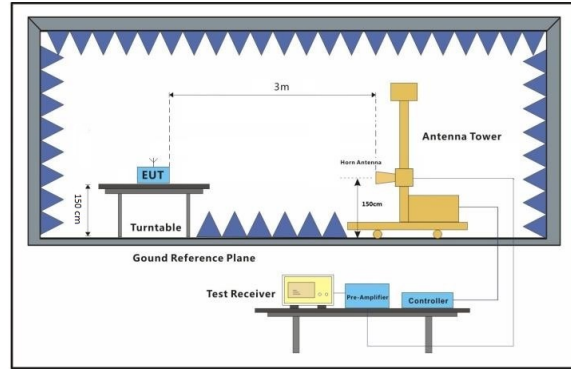
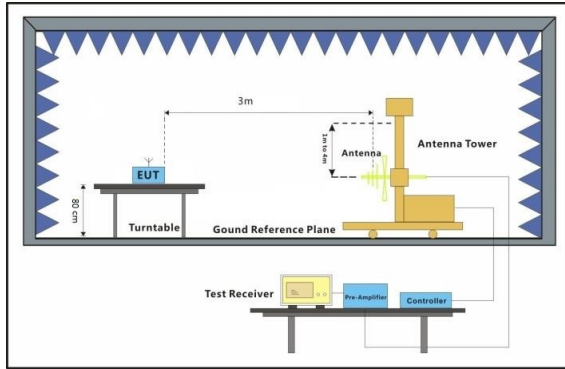
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7.7.2 Test Setup Diagram



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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.



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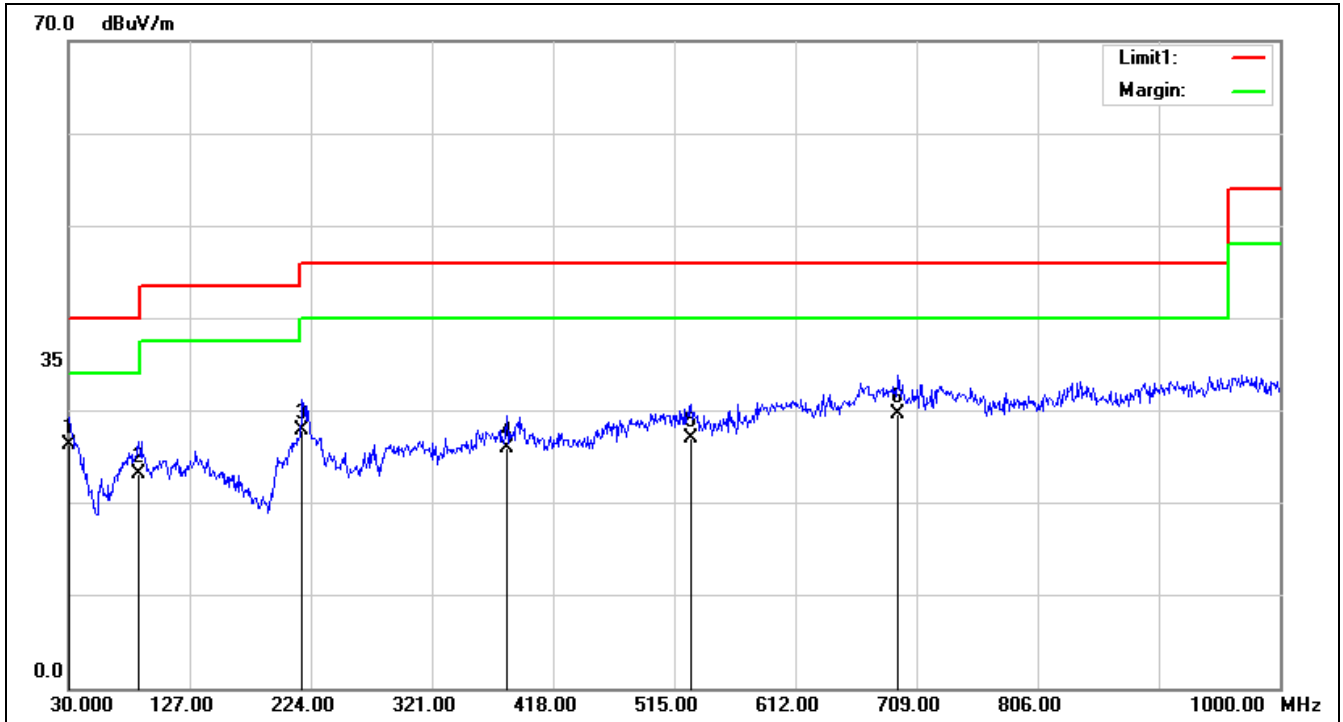
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Below 1GHz

Mode:e; Polarization:Horizontal;



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.0000	0.43	25.93	26.36	40.00	-13.64	300	308	QP
2	86.2600	7.03	16.22	23.25	40.00	-16.75	200	217	QP
3	217.2100	10.54	17.31	27.85	46.00	-18.15	100	45	QP
4	381.1400	2.92	23.13	26.05	46.00	-19.95	100	89	QP
5	528.5800	1.43	25.58	27.01	46.00	-18.99	100	261	QP
6	694.4500	2.17	27.46	29.63	46.00	-16.37	200	119	QP



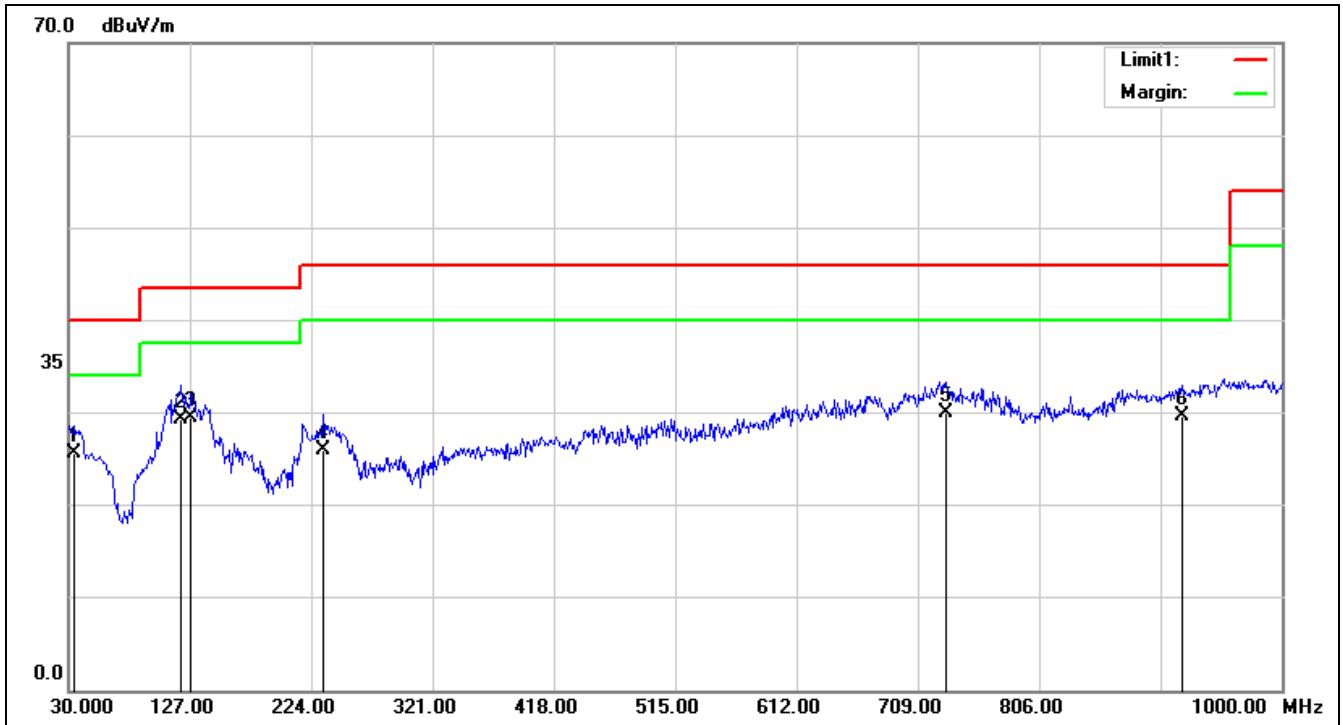
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Mode:e; Polarization:Vertical



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	34.8500	2.46	23.17	25.63	40.00	-14.37	100	152	QP
2	120.2100	10.19	19.17	29.36	43.50	-14.14	100	168	QP
3	127.9700	10.05	19.42	29.47	43.50	-14.03	300	229	QP
4	233.7000	7.73	18.32	26.05	46.00	-19.95	300	263	QP
5	731.3100	2.53	27.49	30.02	46.00	-15.98	200	302	QP
6	920.4600	0.74	28.93	29.67	46.00	-16.33	100	185	QP



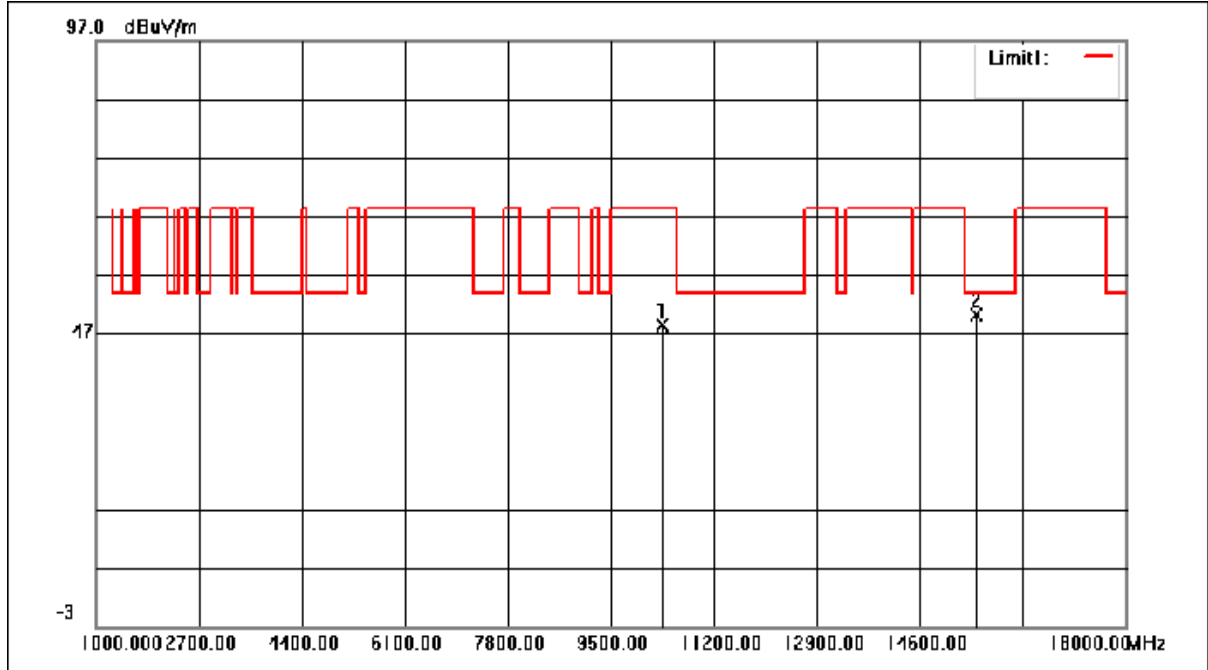
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Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.88	-2.59	48.29	68.30	-20.01	peak
2	15540.000	50.47	-0.30	50.17	54.00	-3.83	peak



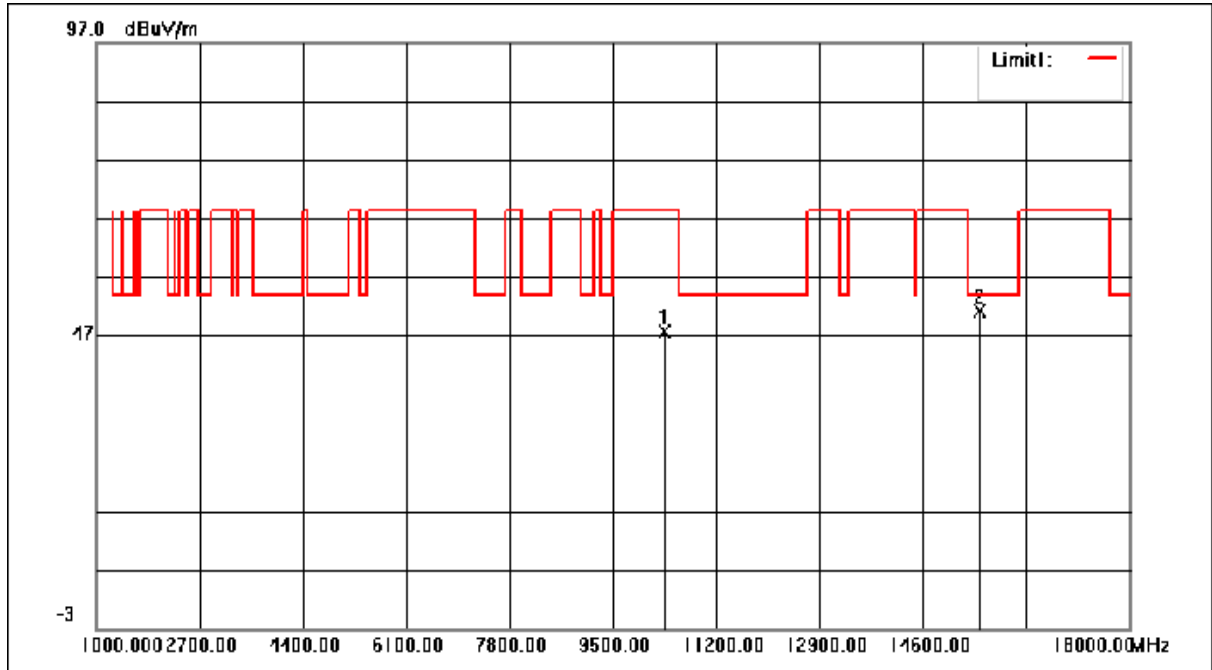
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Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.17	-2.59	47.58	68.30	-20.72	peak
2	15540.000	51.37	-0.30	51.07	54.00	-2.93	peak

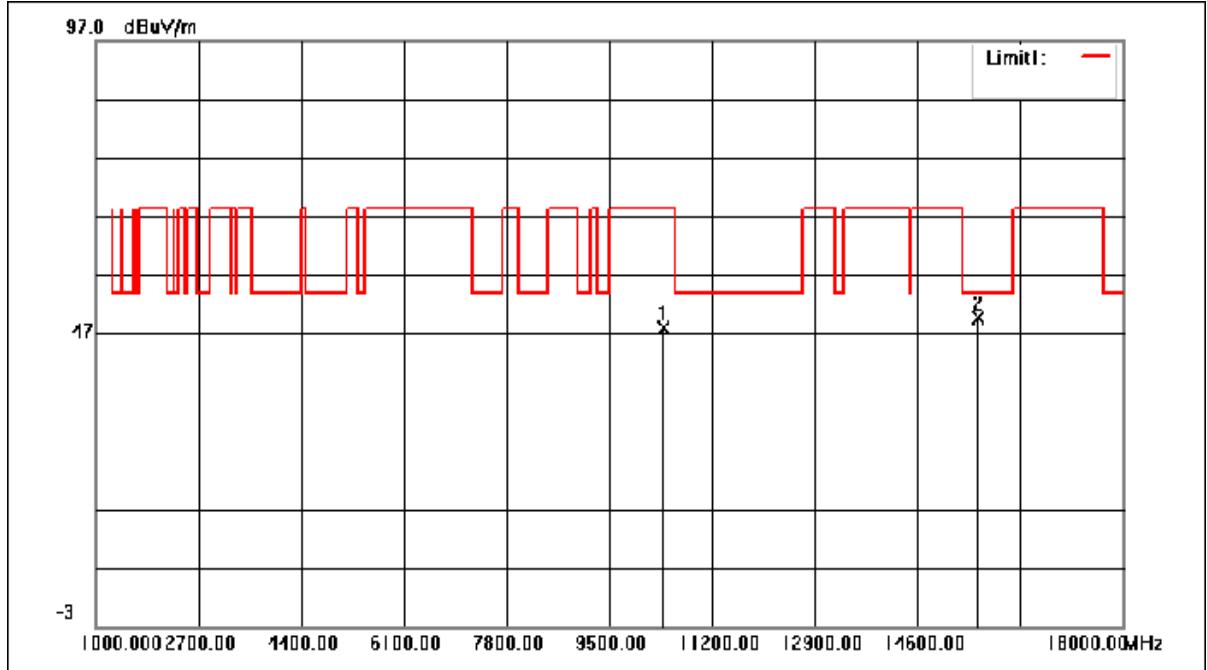


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Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.39	-2.53	47.86	68.30	-20.44	peak
2	15600.000	49.92	-0.35	49.57	54.00	-4.43	peak



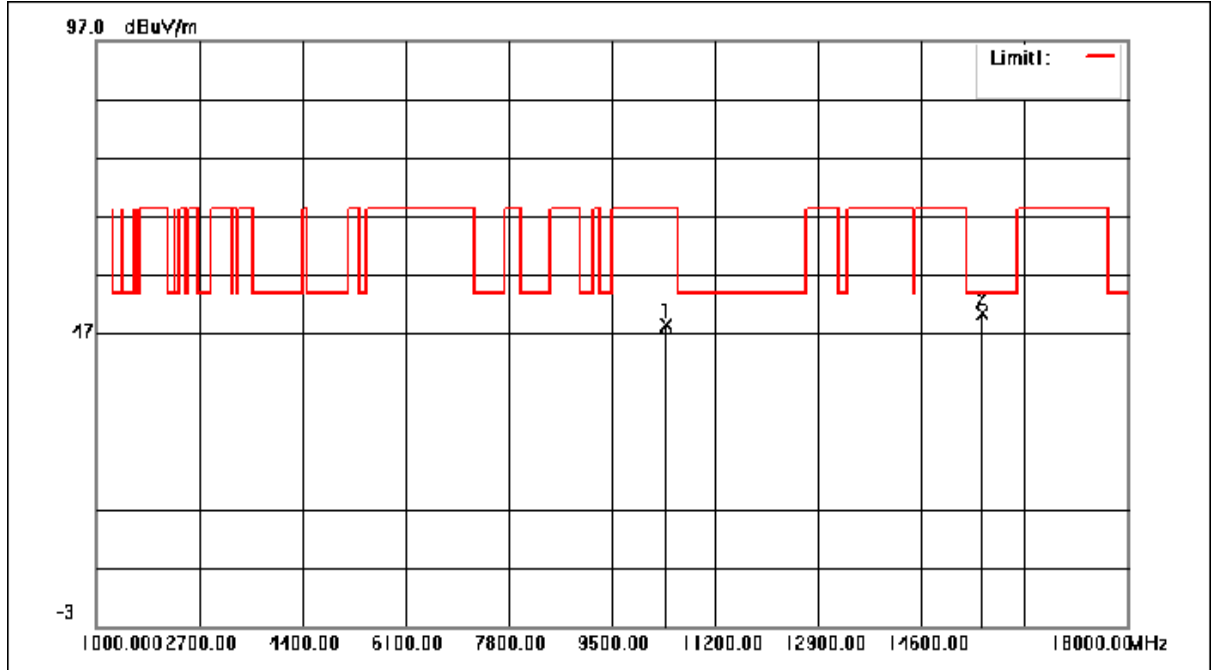
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Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	51.00	-2.53	48.47	68.30	-19.83	peak
2	15600.000	50.81	-0.35	50.46	54.00	-3.54	peak



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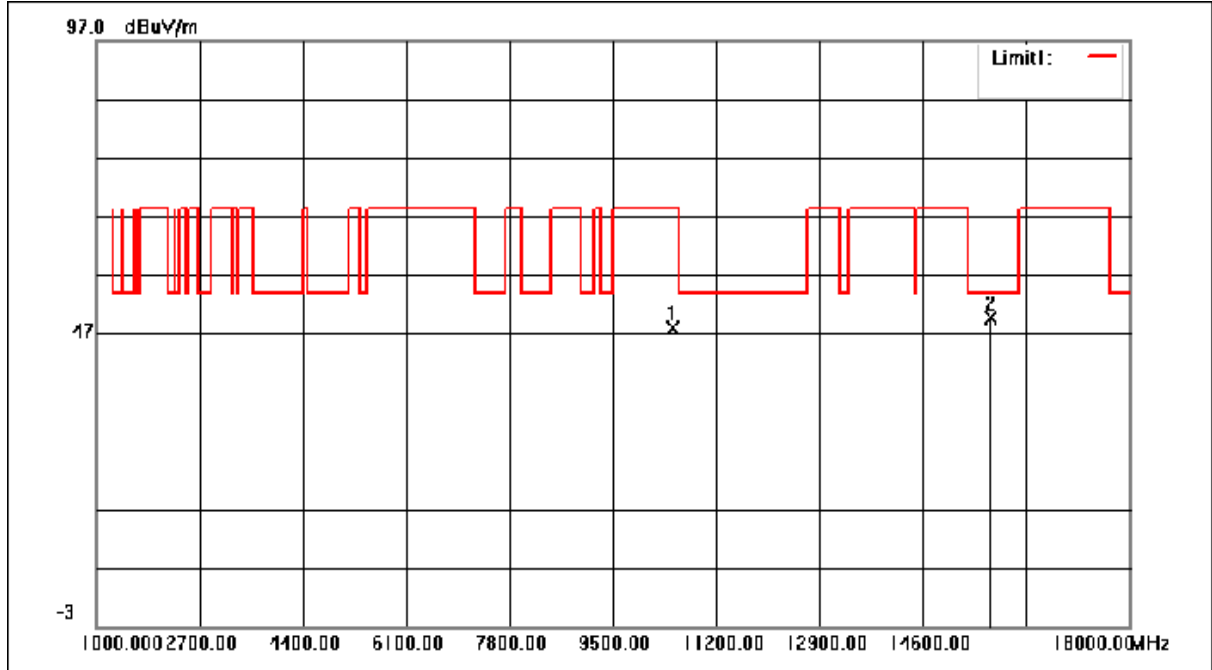
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t(86-512)57355888 f(86-512)57370818 sgs.china@sgs.com

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	50.27	-2.41	47.86	68.30	-20.44	peak
2	15720.000	50.16	-0.44	49.72	54.00	-4.28	peak



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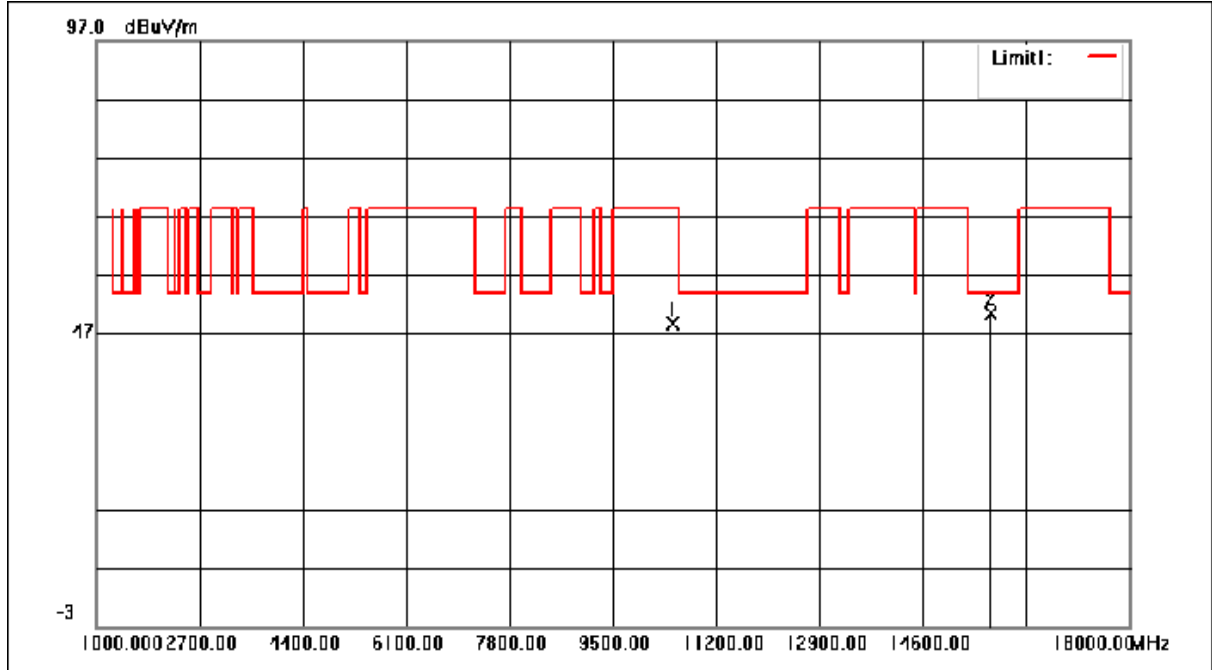
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Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.16	-2.41	48.75	68.30	-19.55	peak
2	15720.000	50.91	-0.44	50.47	54.00	-3.53	peak



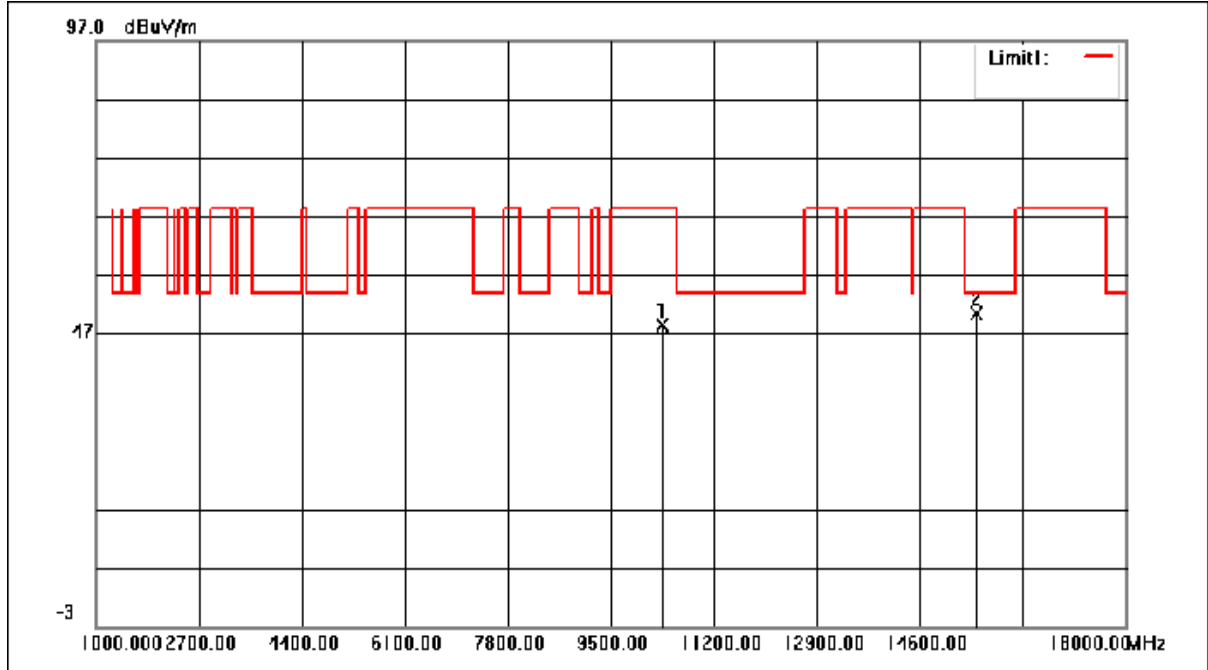
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.86	-2.59	48.27	68.30	-20.03	peak
2	15540.000	50.59	-0.30	50.29	54.00	-3.71	peak



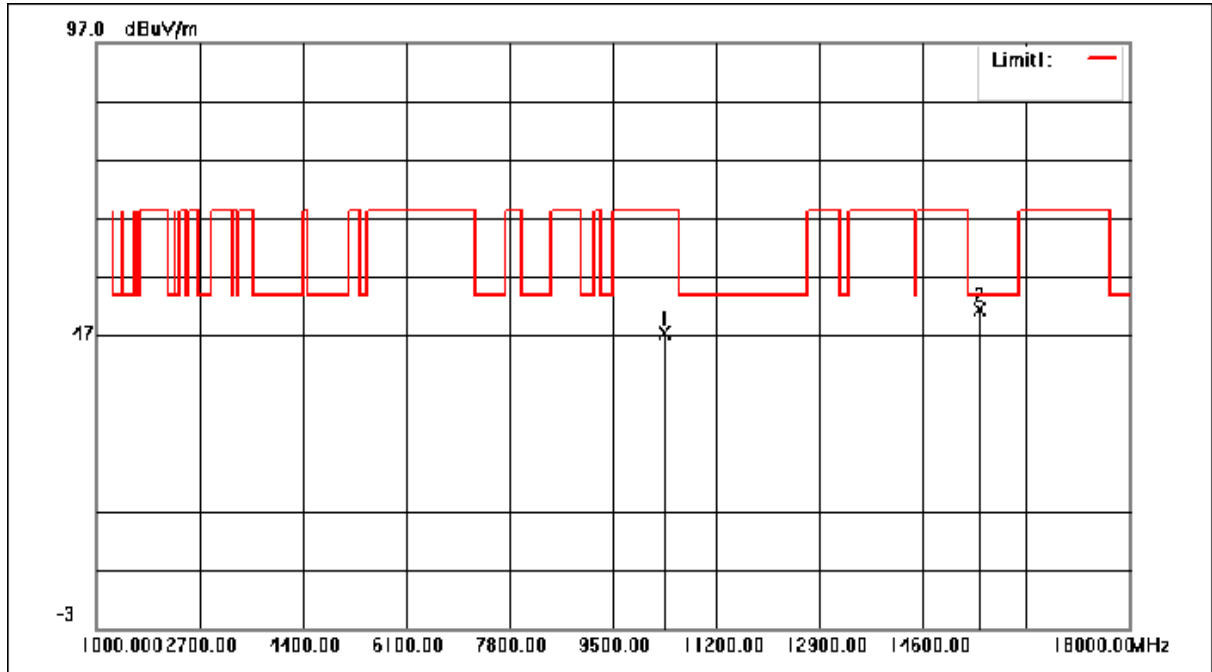
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	49.87	-2.59	47.28	68.30	-21.02	peak
2	15540.000	51.57	-0.30	51.27	54.00	-2.73	peak



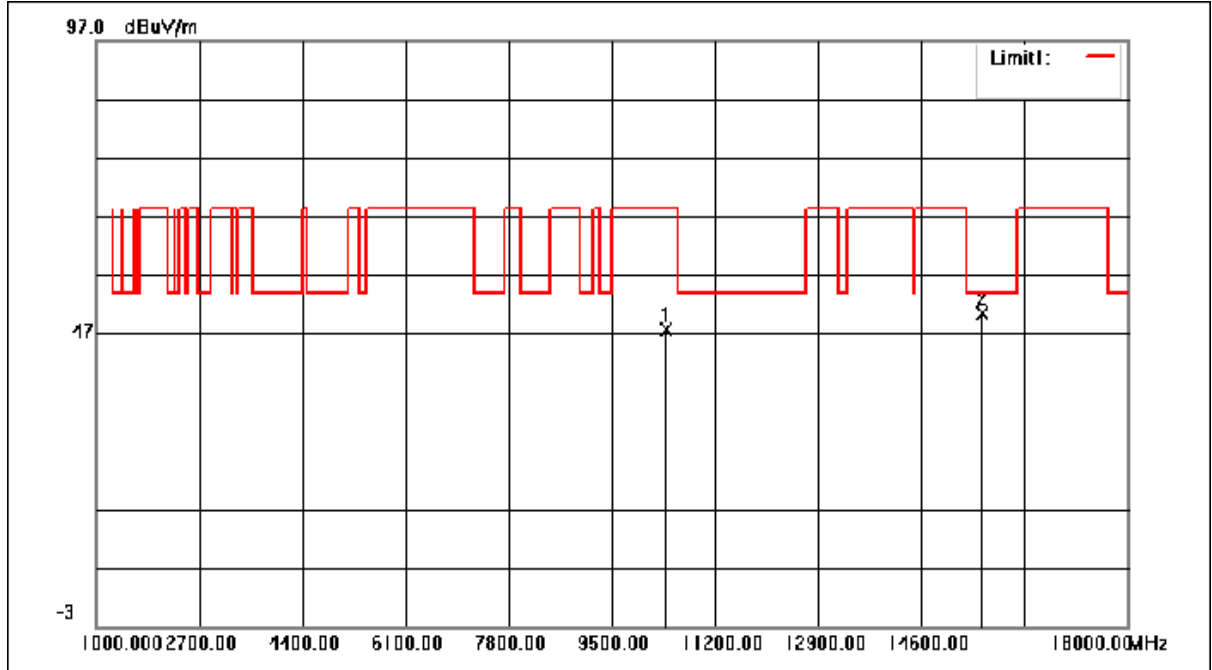
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.21	-2.53	47.68	68.30	-20.62	peak
2	15600.000	50.82	-0.35	50.47	54.00	-3.53	peak



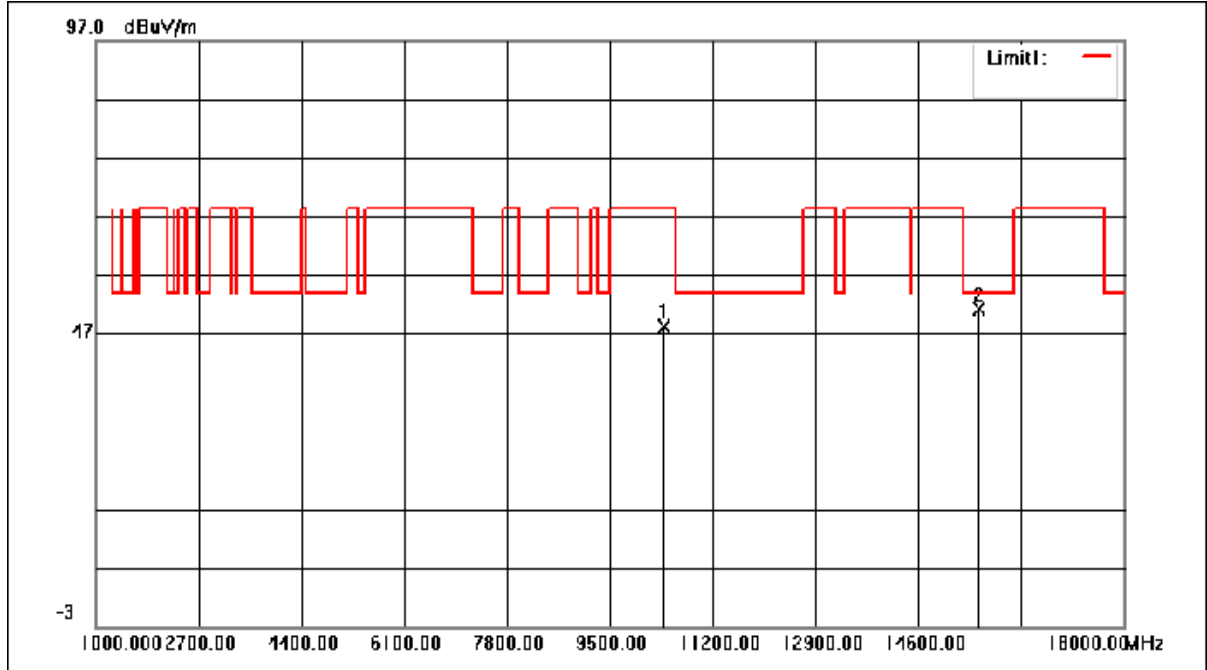
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.60	-2.53	48.07	68.30	-20.23	peak
2	15600.000	51.43	-0.35	51.08	54.00	-2.92	peak



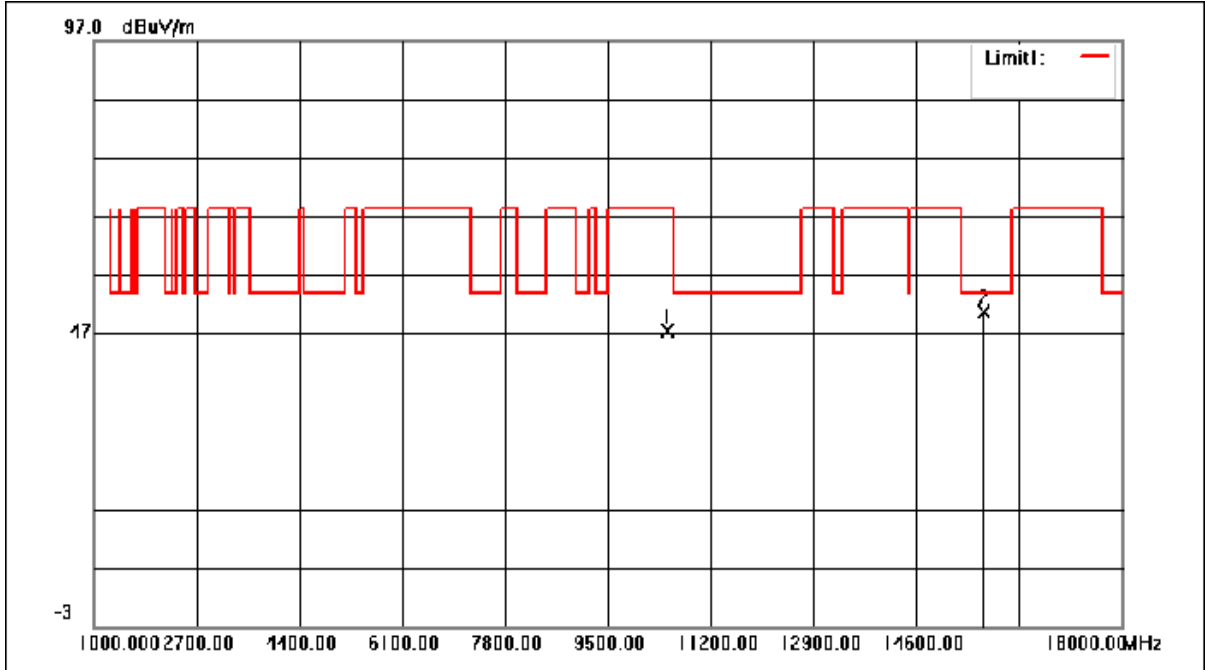
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	49.69	-2.41	47.28	68.30	-21.02	peak
2	15720.000	51.11	-0.44	50.67	54.00	-3.33	peak



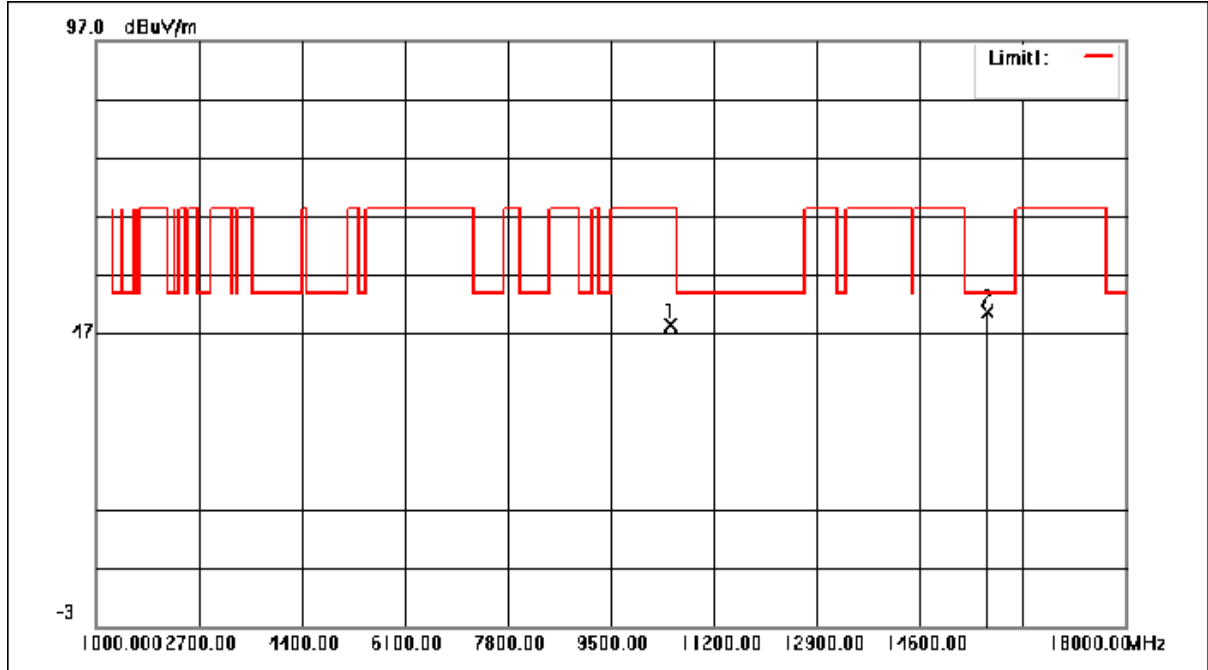
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.68	-2.41	48.27	68.30	-20.03	peak
2	15720.000	51.17	-0.44	50.73	54.00	-3.27	peak



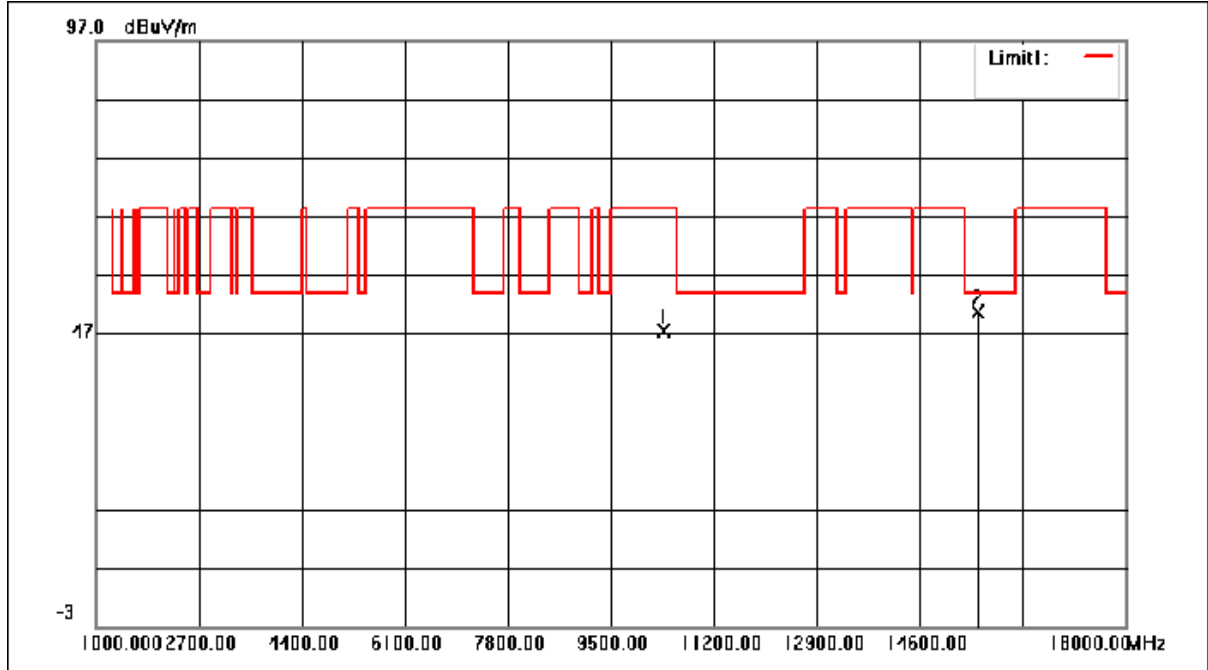
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	49.94	-2.56	47.38	68.30	-20.92	peak
2	15570.000	51.04	-0.32	50.72	54.00	-3.28	peak



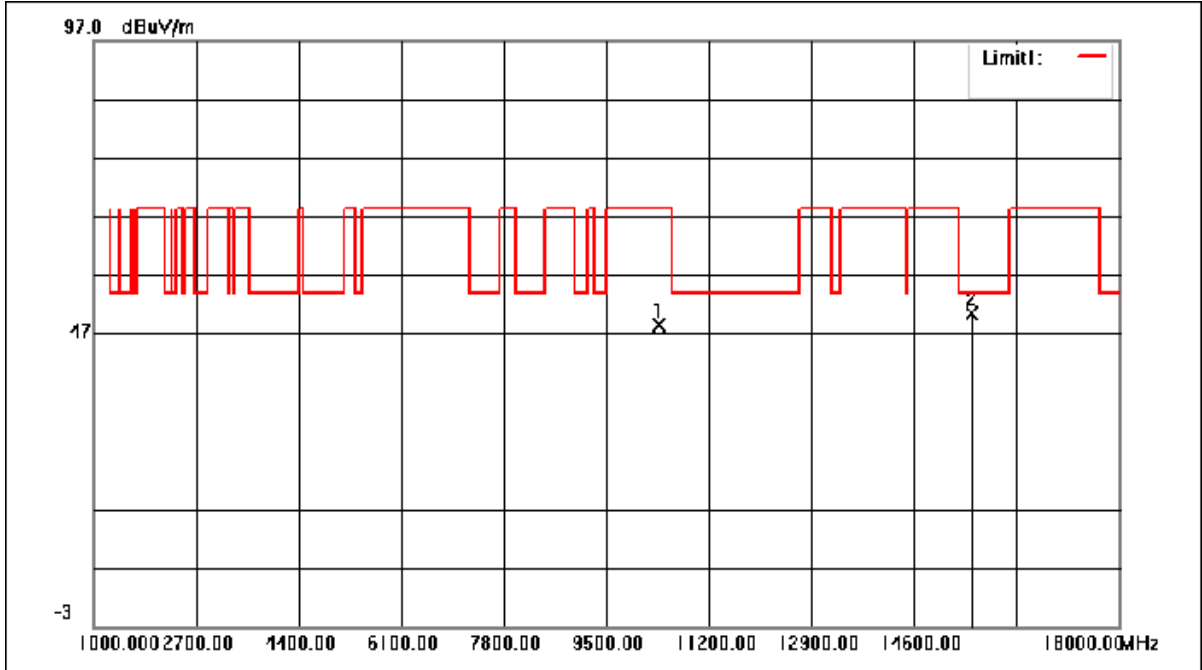
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.93	-2.56	48.37	68.30	-19.93	peak
2	15570.000	50.81	-0.32	50.49	54.00	-3.51	peak



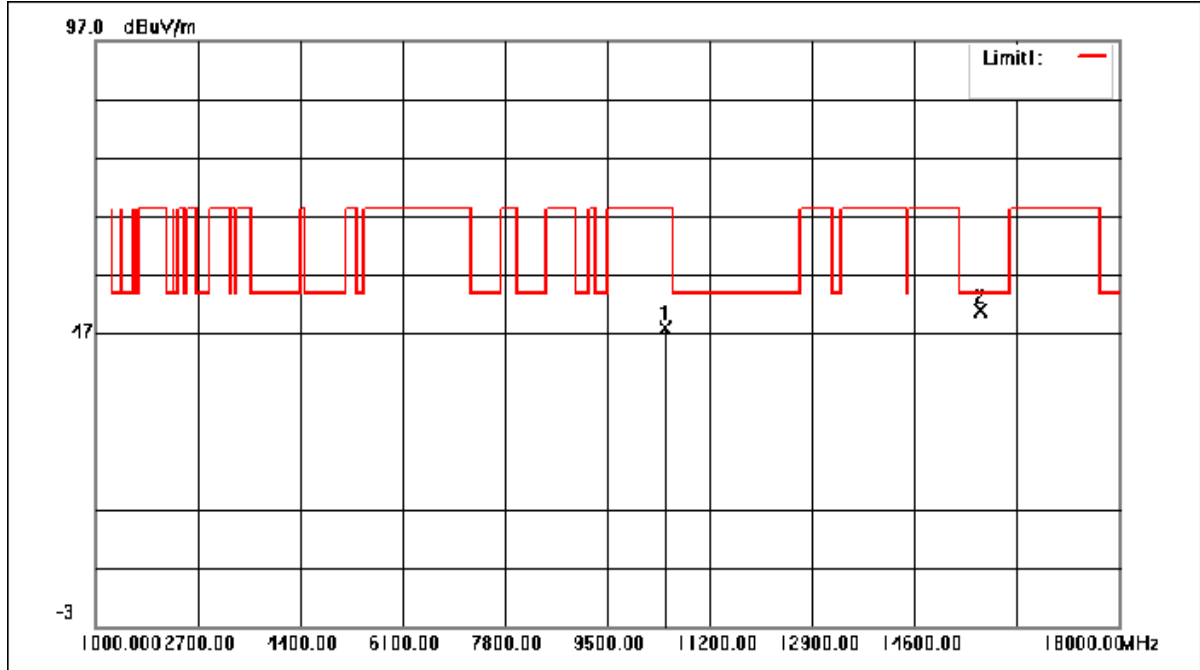
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.27	-2.44	47.83	68.30	-20.47	peak
2	15690.000	51.35	-0.42	50.93	54.00	-3.07	peak



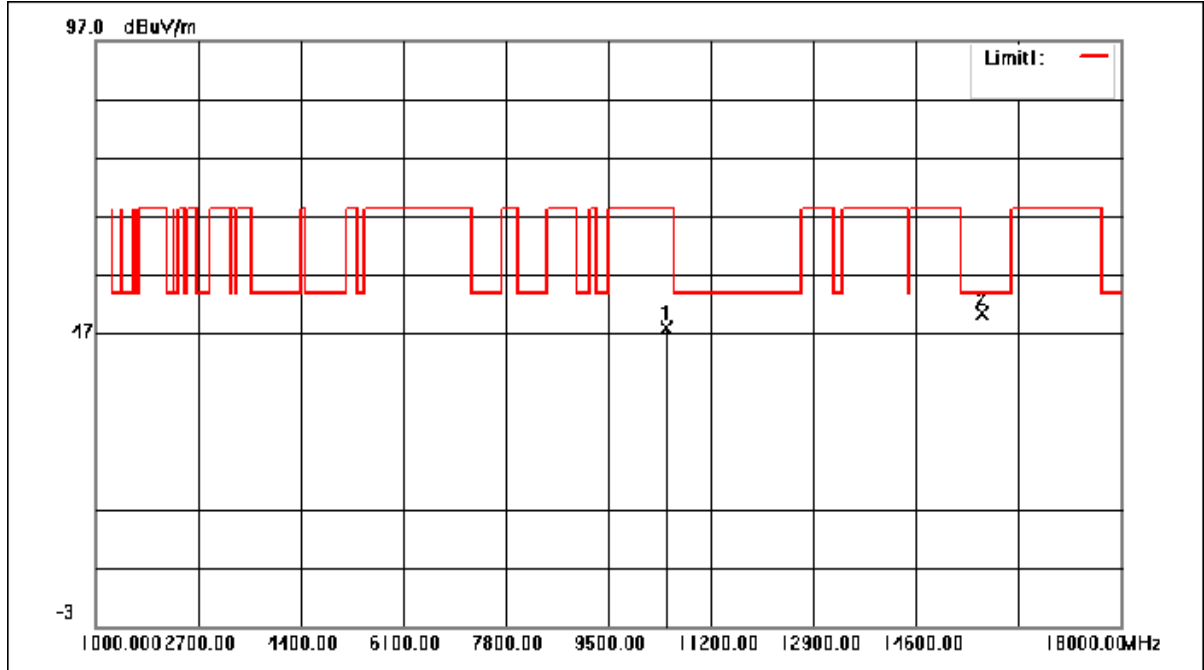
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.30	-2.44	47.86	68.30	-20.44	peak
2	15690.000	50.91	-0.42	50.49	54.00	-3.51	peak



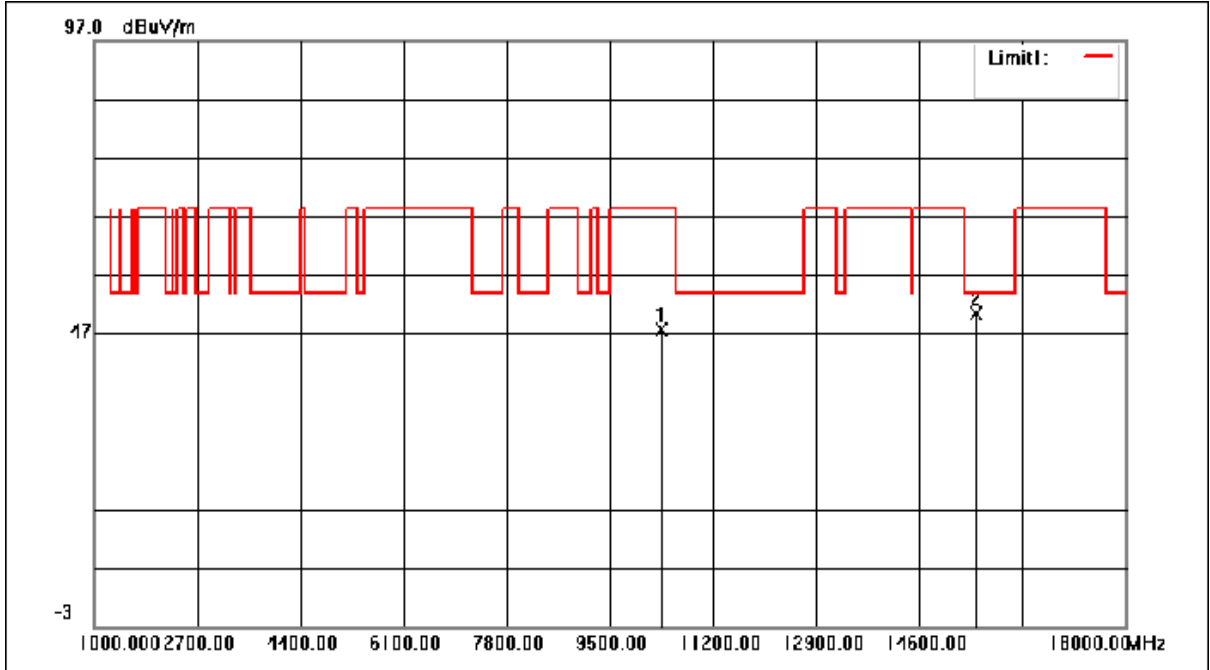
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	50.27	-2.59	47.68	68.30	-20.62	peak
2	15540.000	50.67	-0.30	50.37	54.00	-3.63	peak



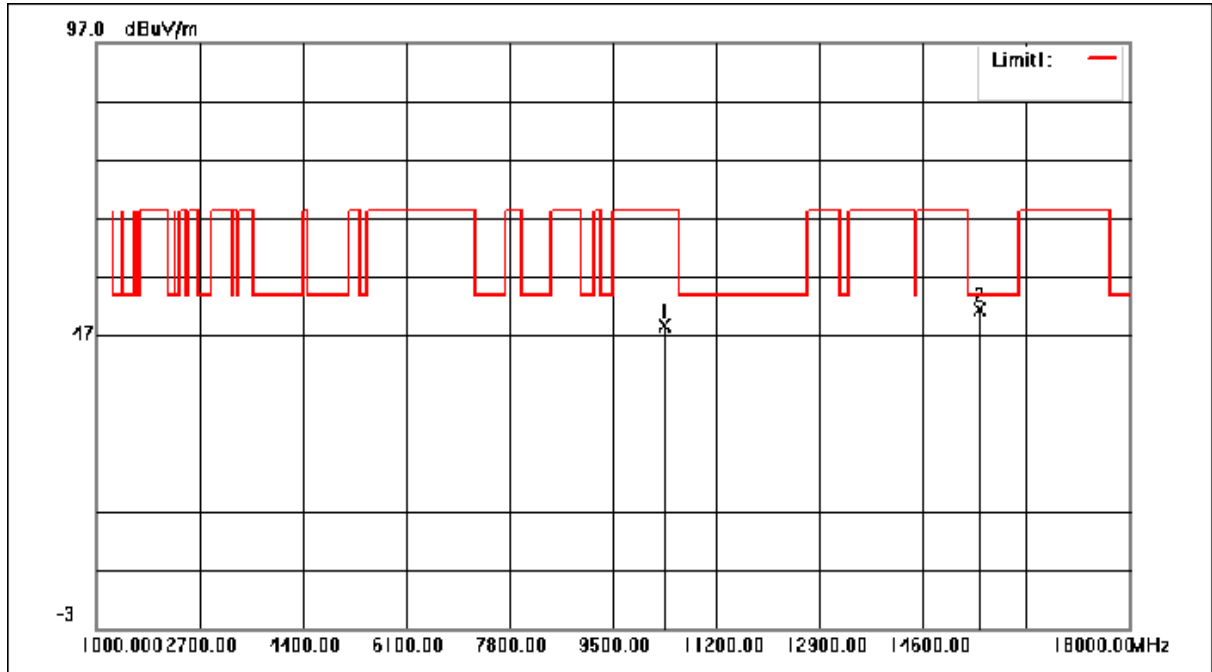
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



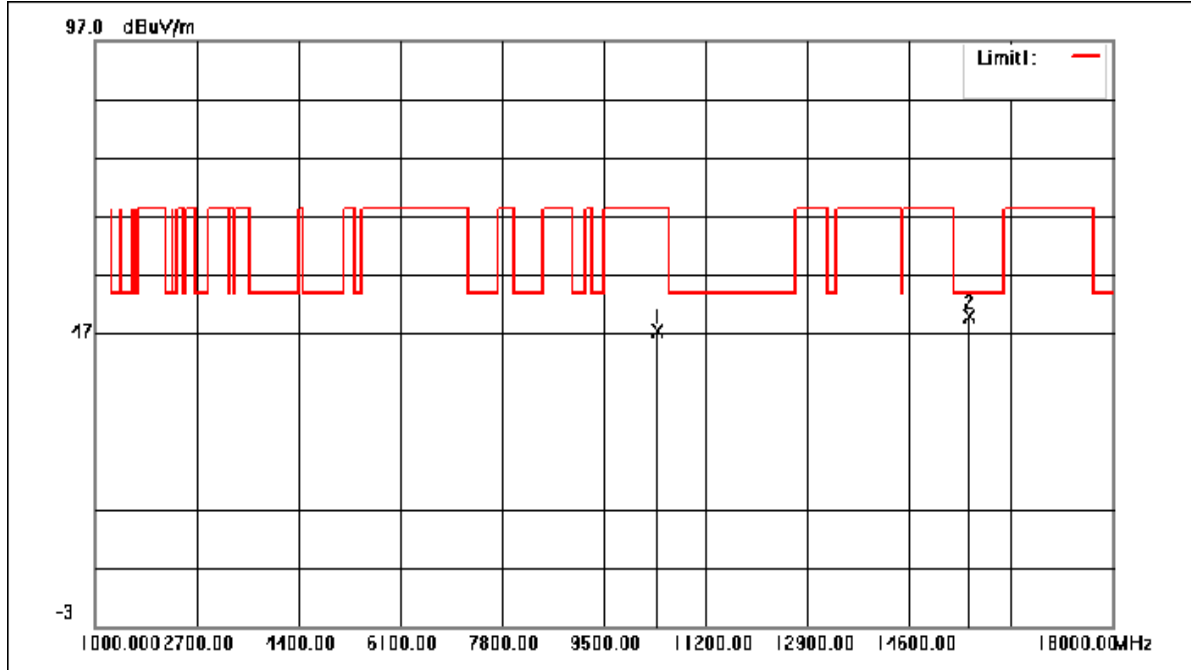
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10360.000	51.26	-2.59	48.67	68.30	-19.63	peak
2	15540.000	51.67	-0.30	51.37	54.00	-2.63	peak



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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	49.91	-2.53	47.38	68.30	-20.92	peak
2	15600.000	50.32	-0.35	49.97	54.00	-4.03	peak



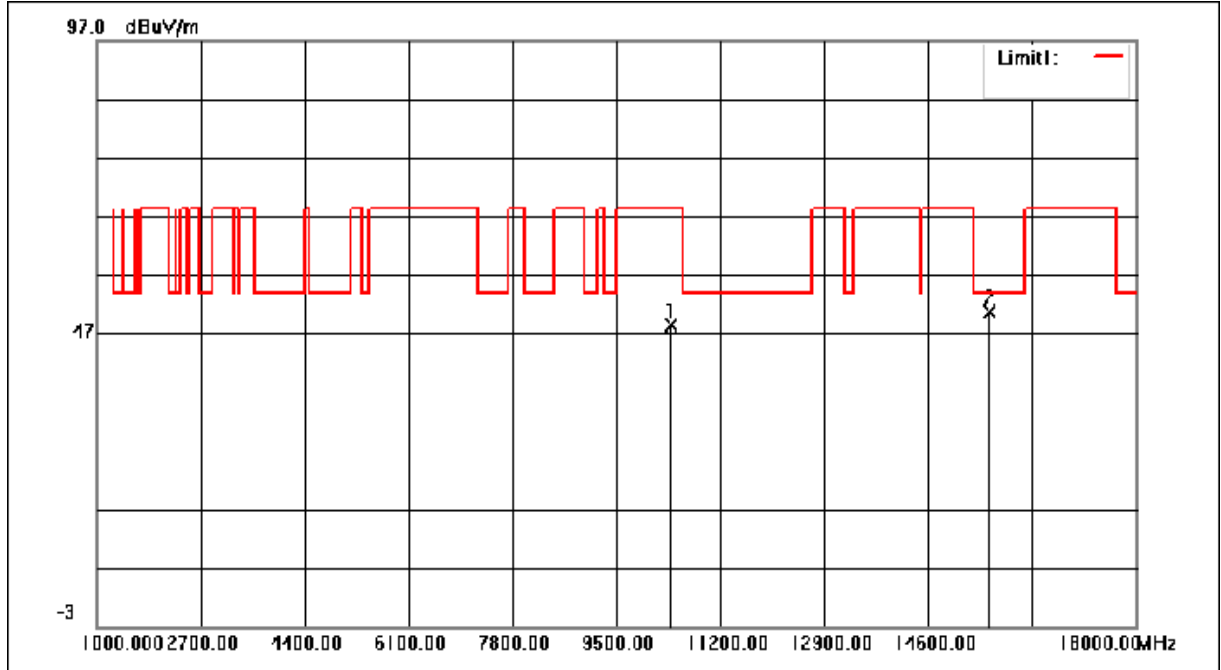
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10400.000	50.97	-2.53	48.44	68.30	-19.86	peak
2	15600.000	51.08	-0.35	50.73	54.00	-3.27	peak



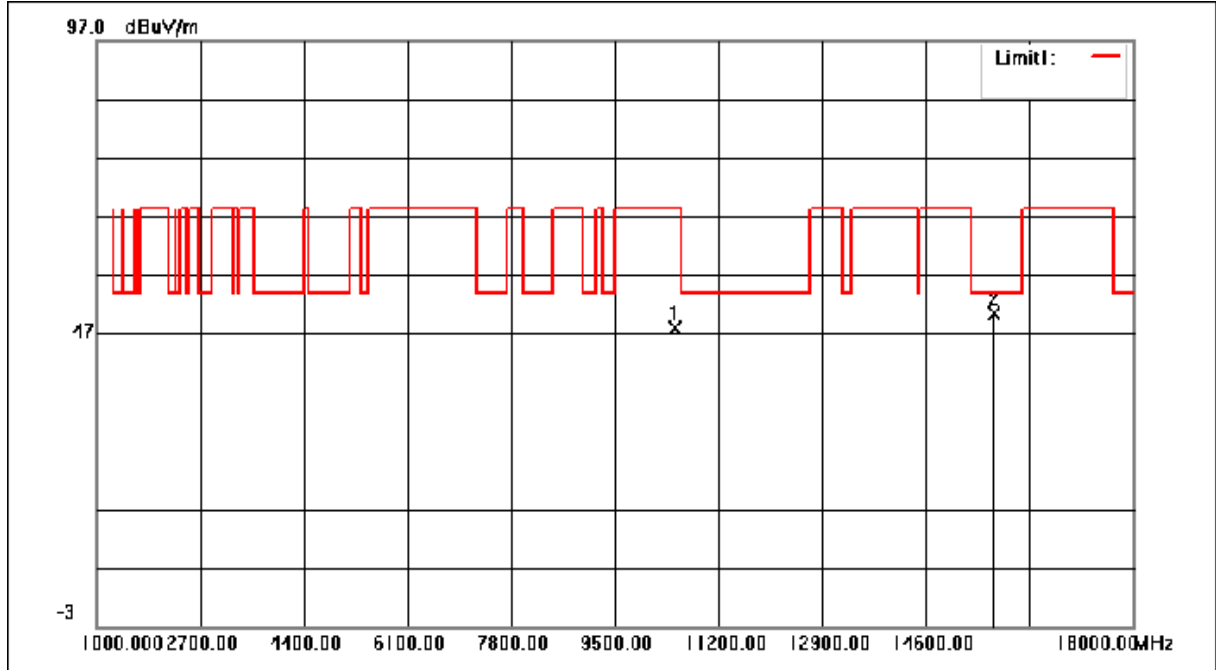
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	50.27	-2.41	47.86	68.30	-20.44	peak
2	15720.000	50.81	-0.44	50.37	54.00	-3.63	peak



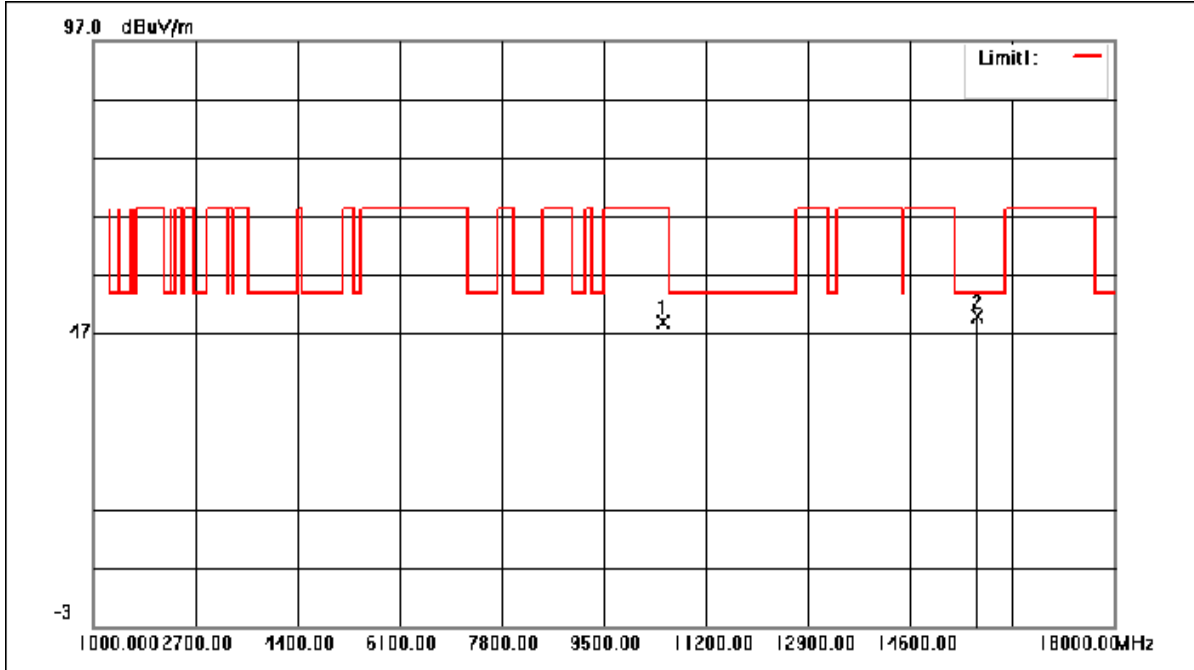
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10480.000	51.17	-2.41	48.76	68.30	-19.54	peak
2	15720.000	50.40	-0.44	49.96	54.00	-4.04	peak



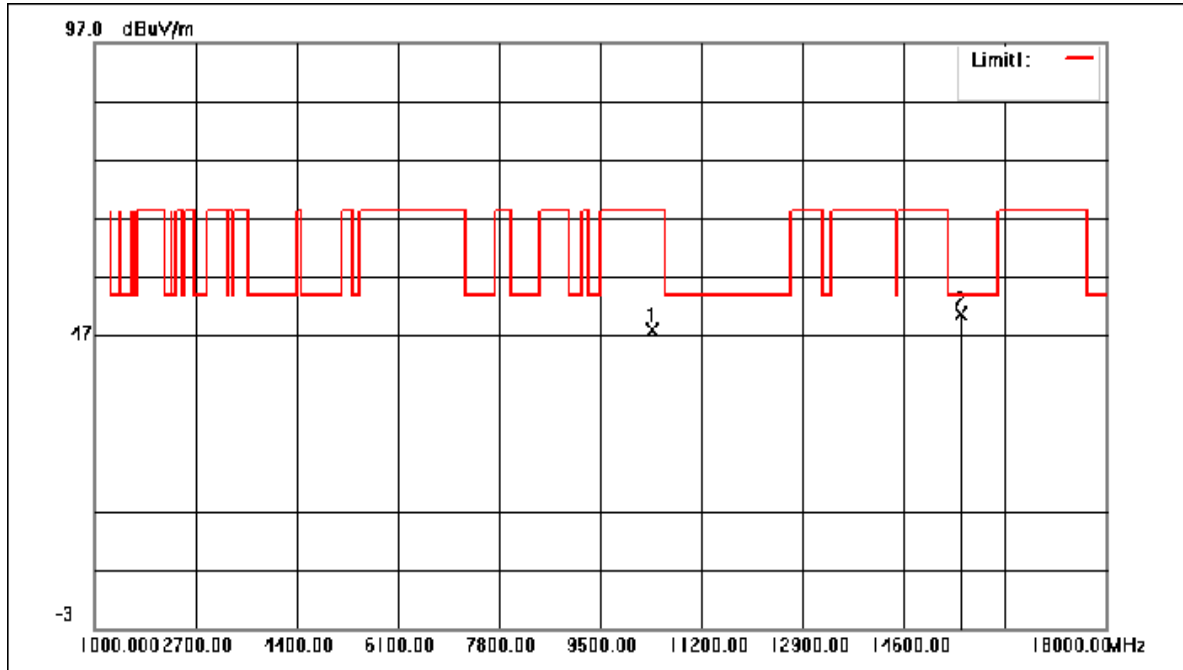
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.39	-2.56	47.83	68.30	-20.47	peak
2	15570.000	51.05	-0.32	50.73	54.00	-3.27	peak



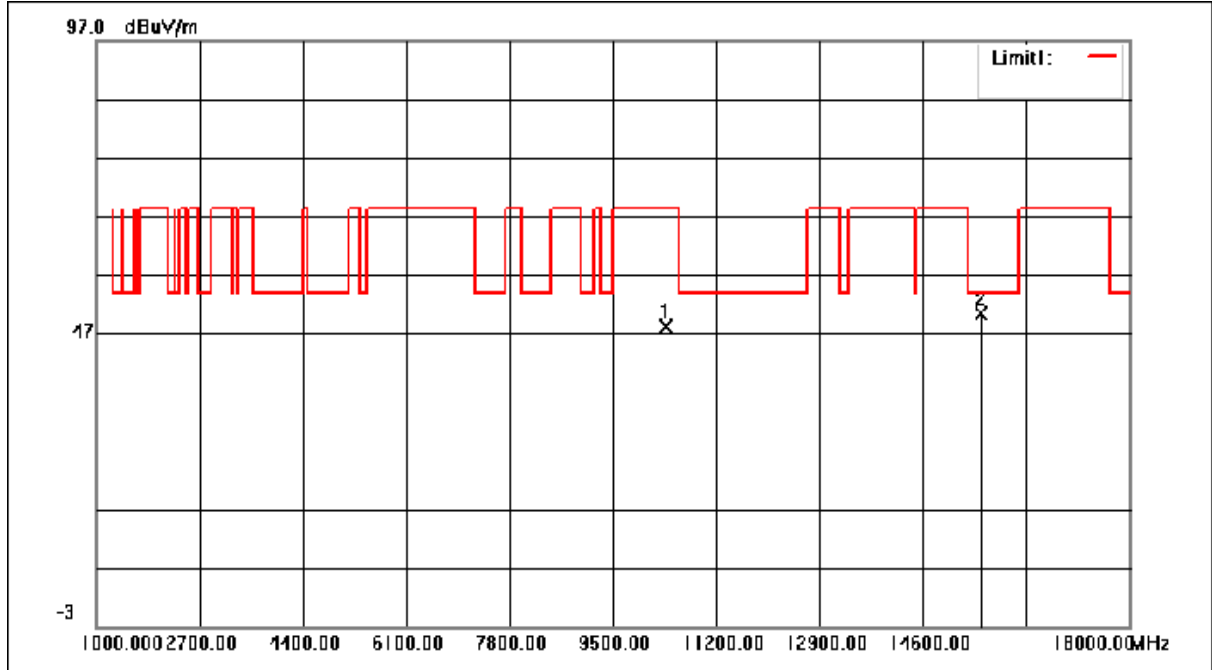
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10380.000	50.63	-2.56	48.07	68.30	-20.23	peak
2	15570.000	50.61	-0.32	50.29	54.00	-3.71	peak



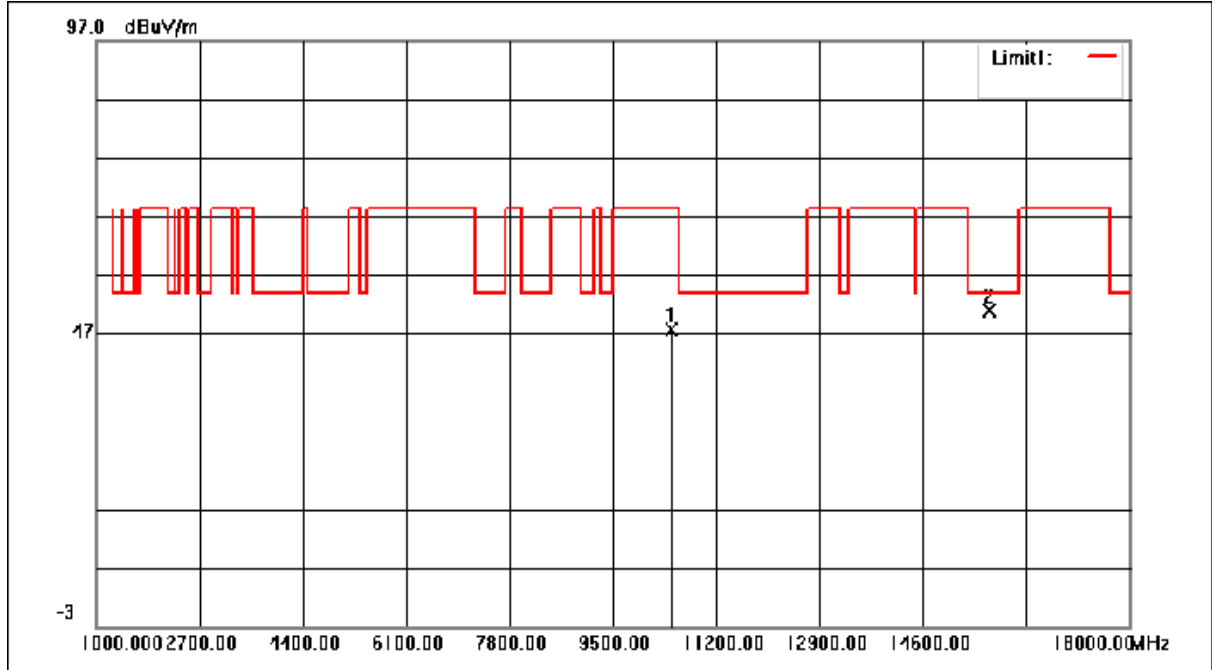
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.13	-2.44	47.69	68.30	-20.61	peak
2	15690.000	51.36	-0.42	50.94	54.00	-3.06	peak



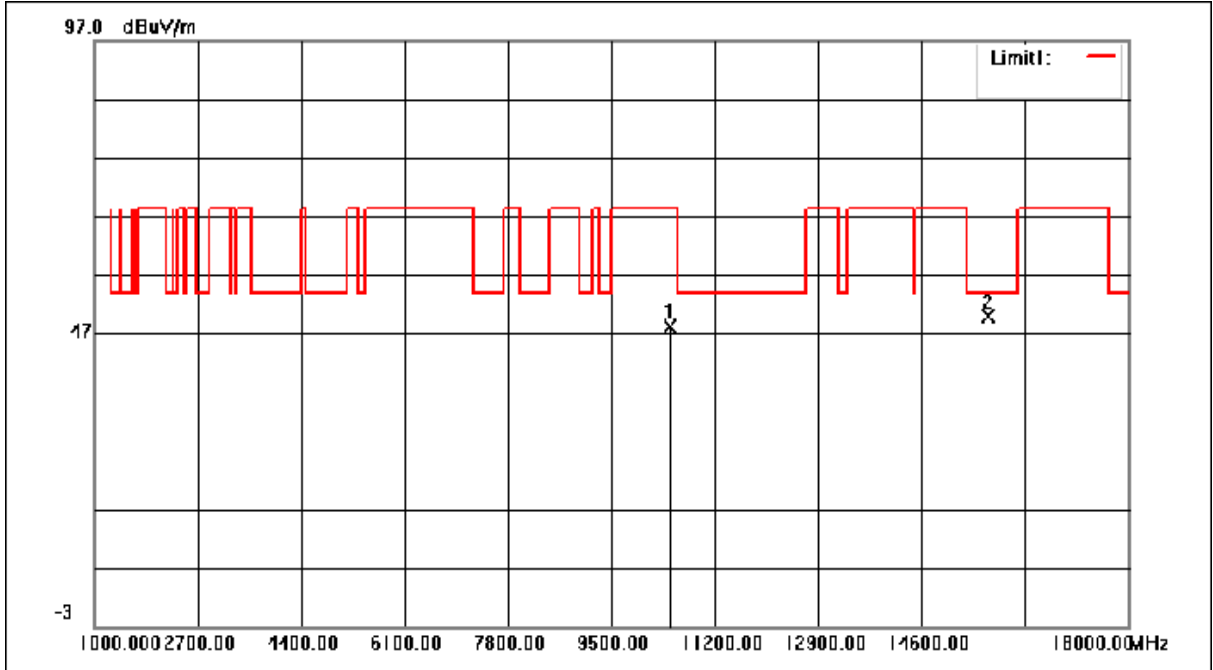
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10460.000	50.45	-2.44	48.01	68.30	-20.29	peak
2	15690.000	50.39	-0.42	49.97	54.00	-4.03	peak



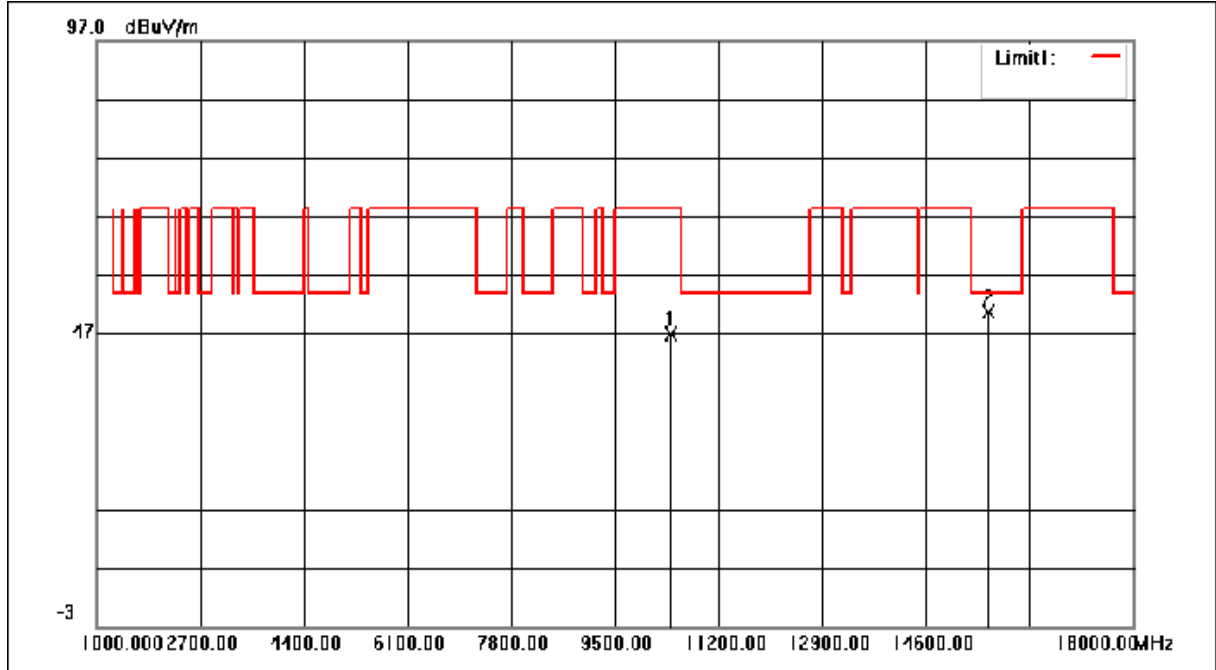
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	49.47	-2.50	46.97	68.30	-21.33	peak
2	15630.000	51.10	-0.37	50.73	54.00	-3.27	peak



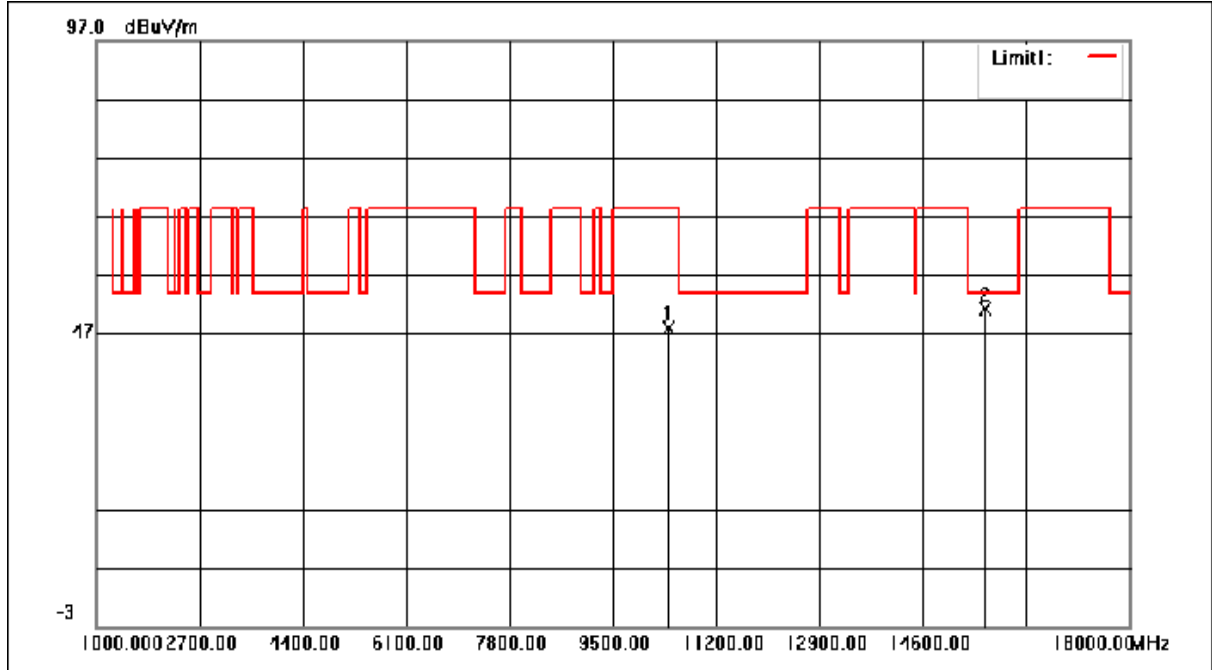
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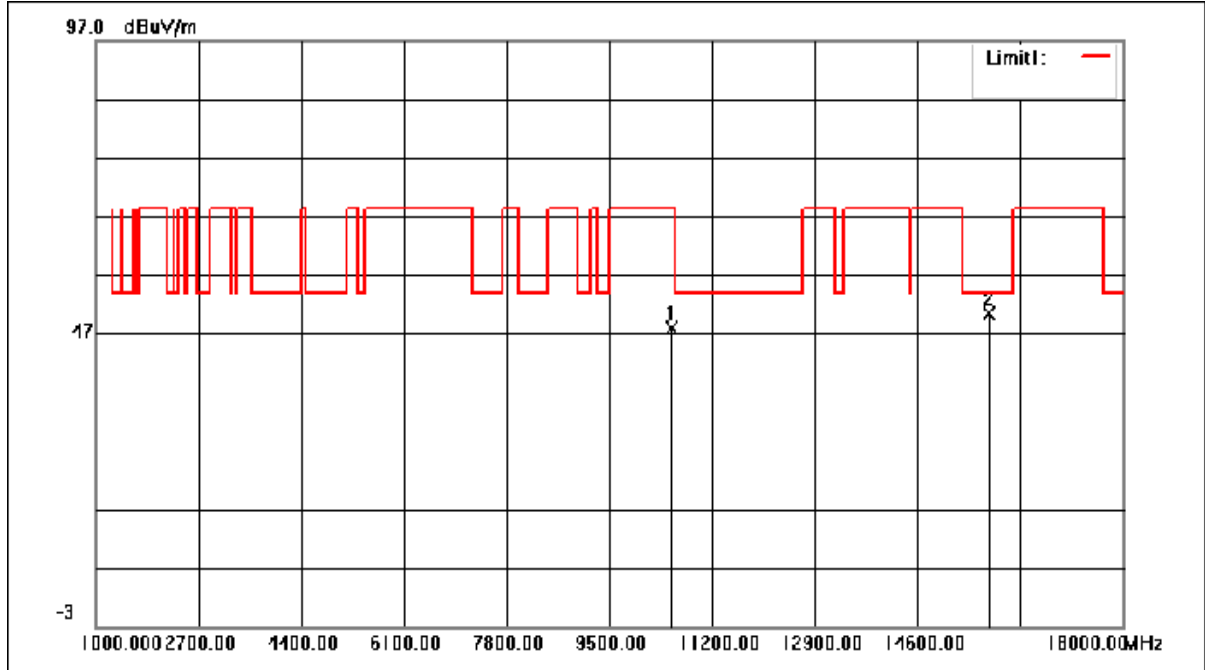
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10420.000	50.33	-2.50	47.83	68.30	-20.47	peak
2	15630.000	51.43	-0.37	51.06	54.00	-2.94	peak



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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	10520.000	50.18	-2.33	47.85	68.30	-20.45	peak
2	15780.000	50.85	-0.49	50.36	54.00	-3.64	peak



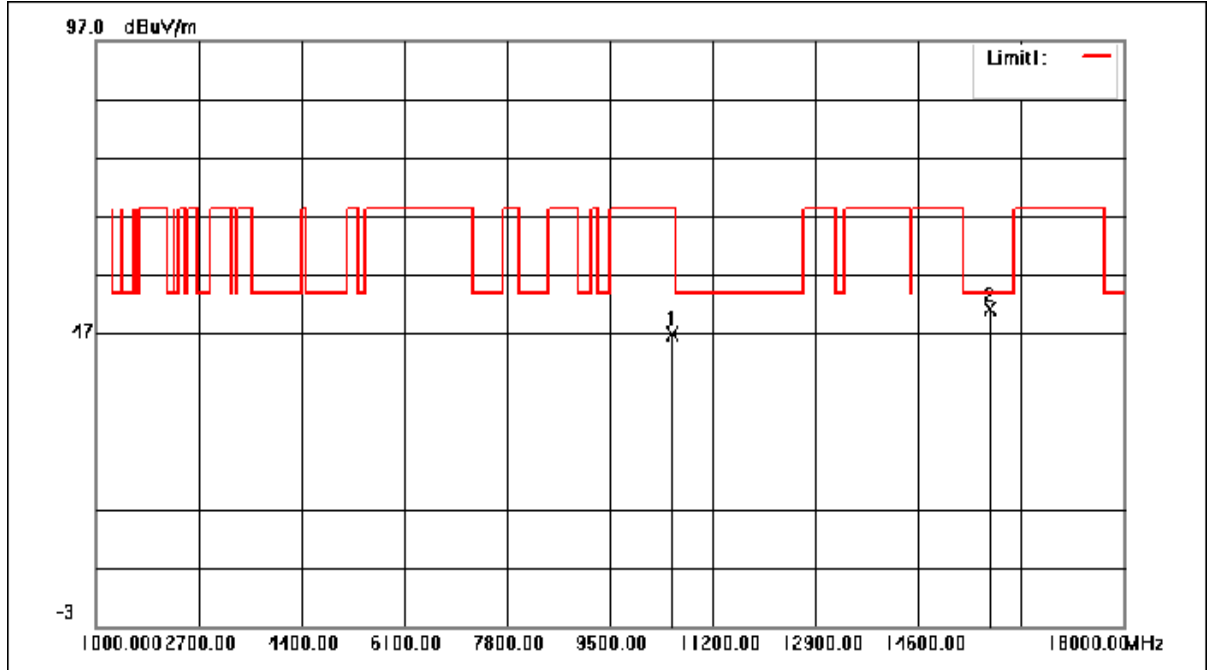
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Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	49.19	-2.33	46.86	68.30	-21.44	peak
2	15780.000	51.51	-0.49	51.02	54.00	-2.98	peak



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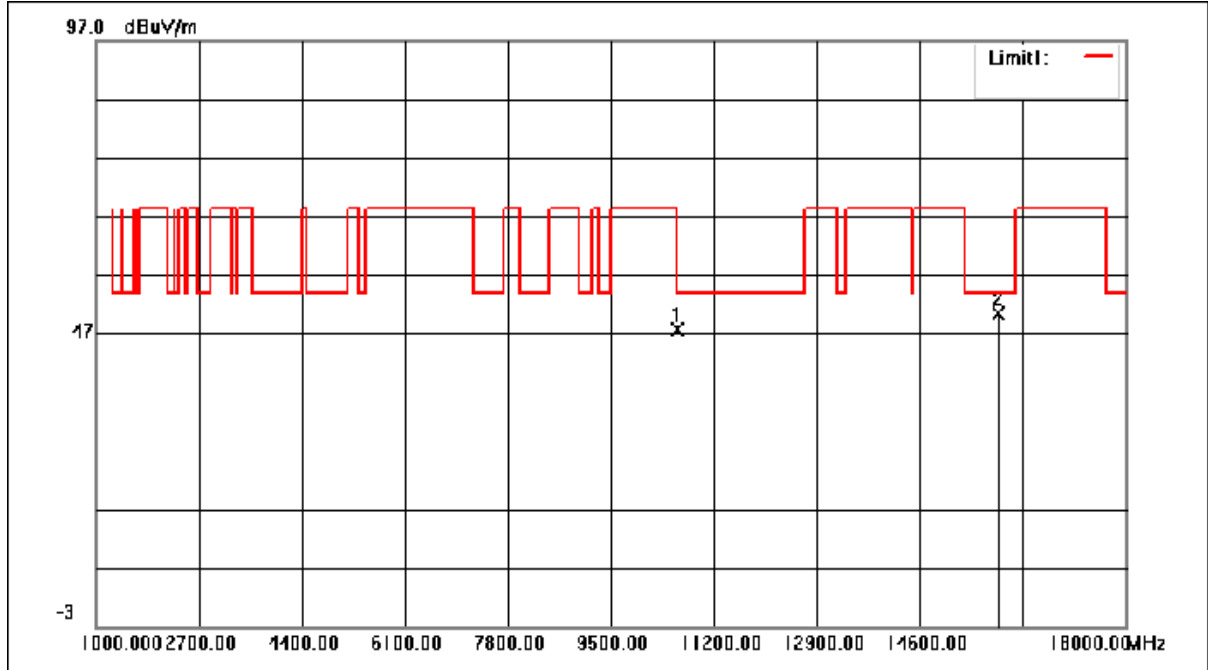
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Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	49.70	-2.12	47.58	54.00	-6.42	peak
2	15900.000	50.85	-0.58	50.27	54.00	-3.73	peak



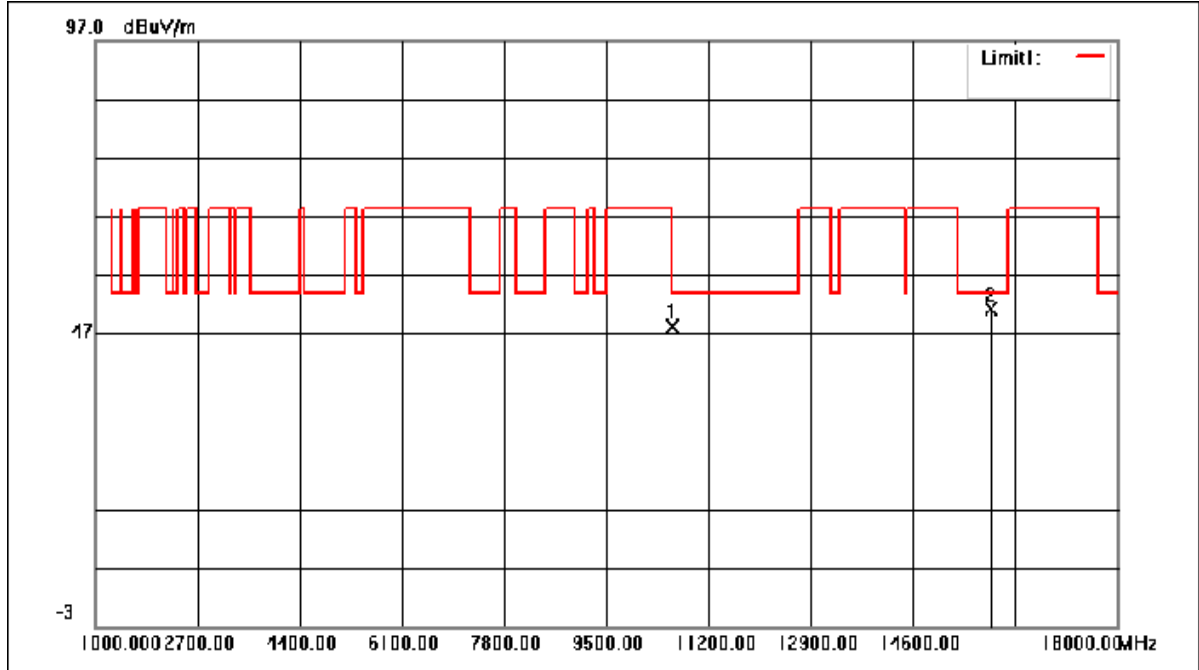
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Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	50.37	-2.12	48.25	54.00	-5.75	peak
2	15900.000	51.65	-0.58	51.07	54.00	-2.93	peak



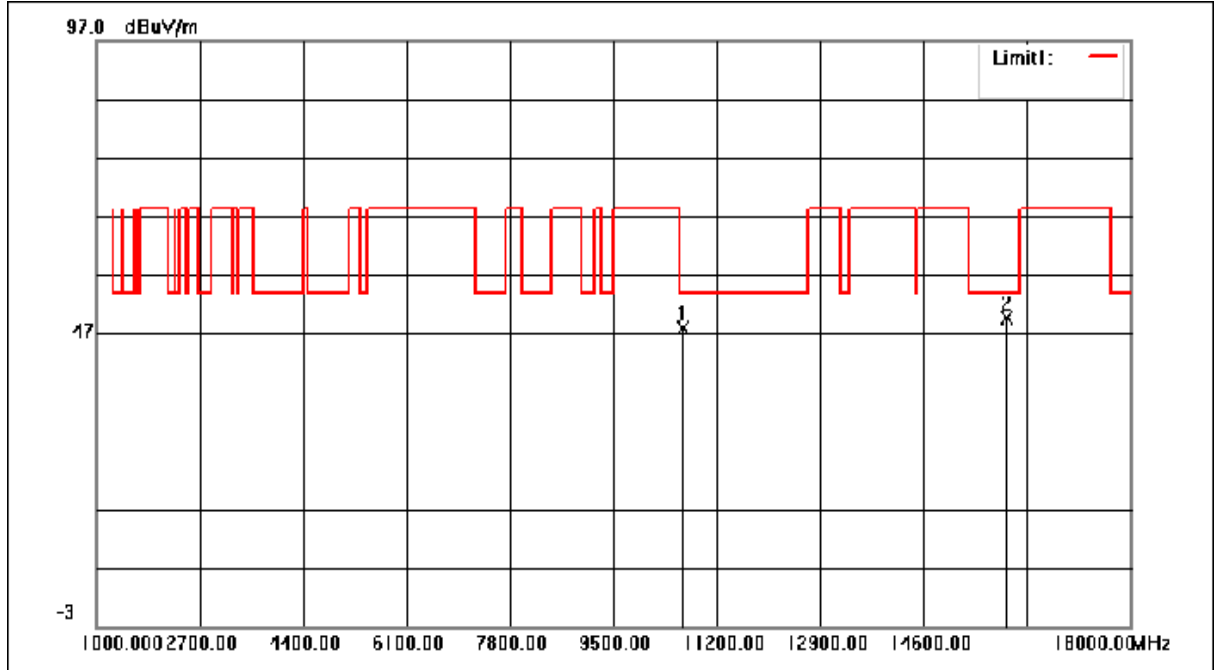
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Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	49.87	-2.01	47.86	54.00	-6.14	peak
2	15960.000	50.31	-0.63	49.68	54.00	-4.32	peak



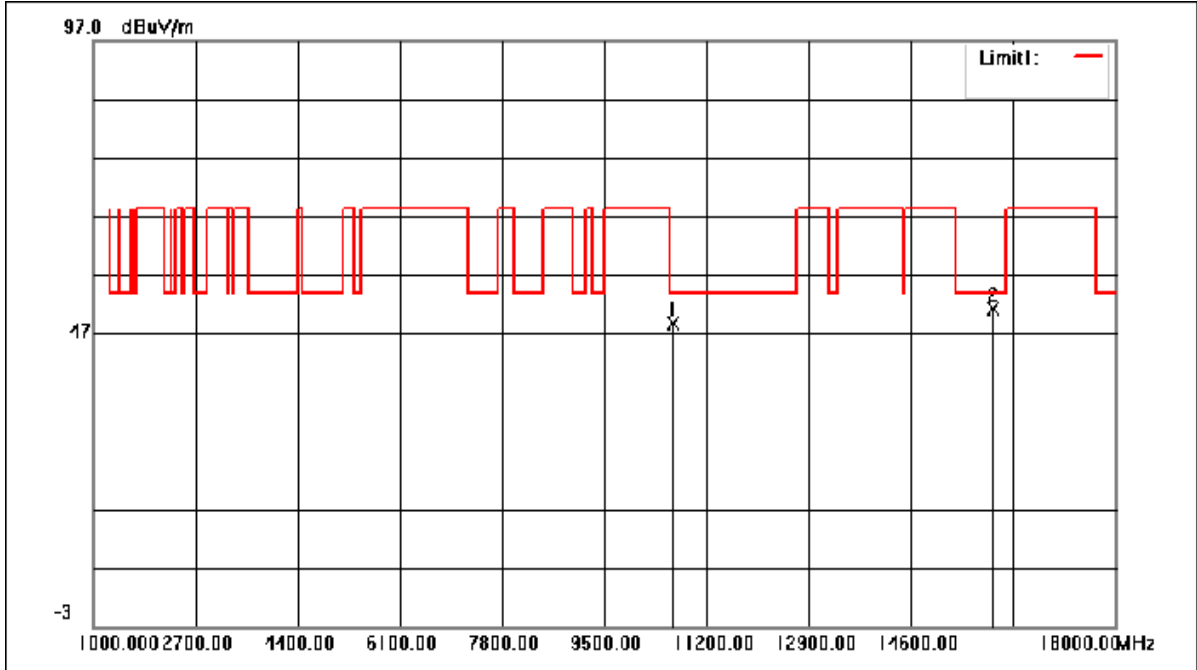
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Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	50.58	-2.01	48.57	54.00	-5.43	peak
2	15960.000	51.71	-0.63	51.08	54.00	-2.92	peak



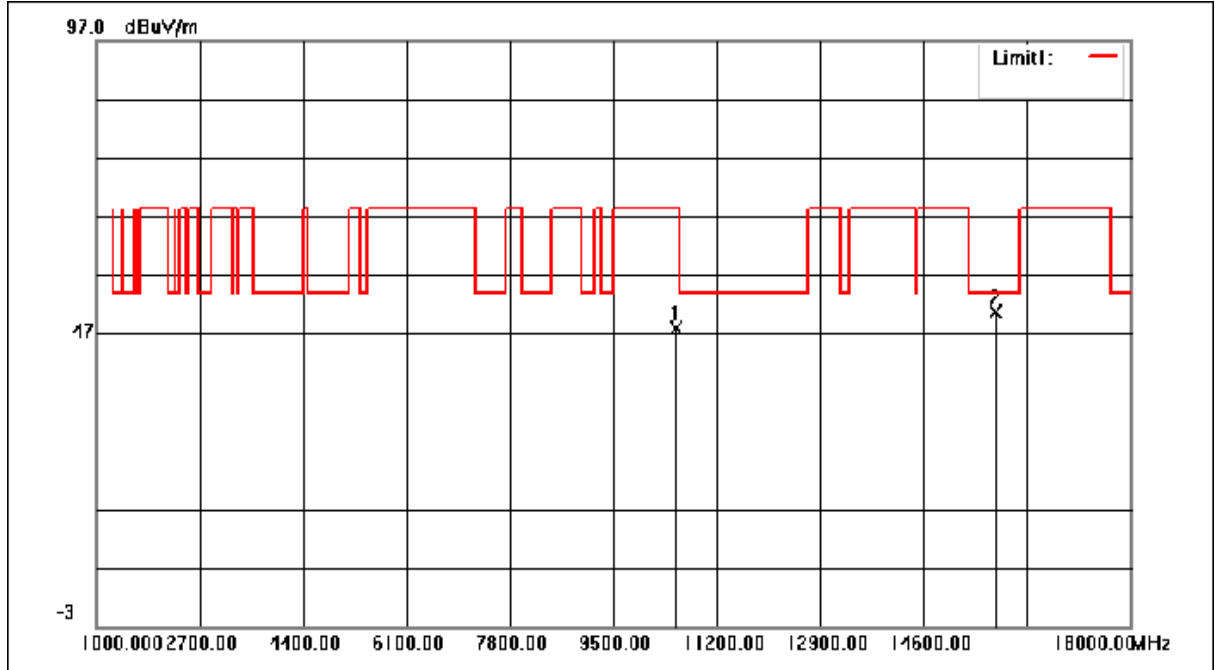
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	50.18	-2.33	47.85	68.30	-20.45	peak
2	15780.000	51.13	-0.49	50.64	54.00	-3.36	peak



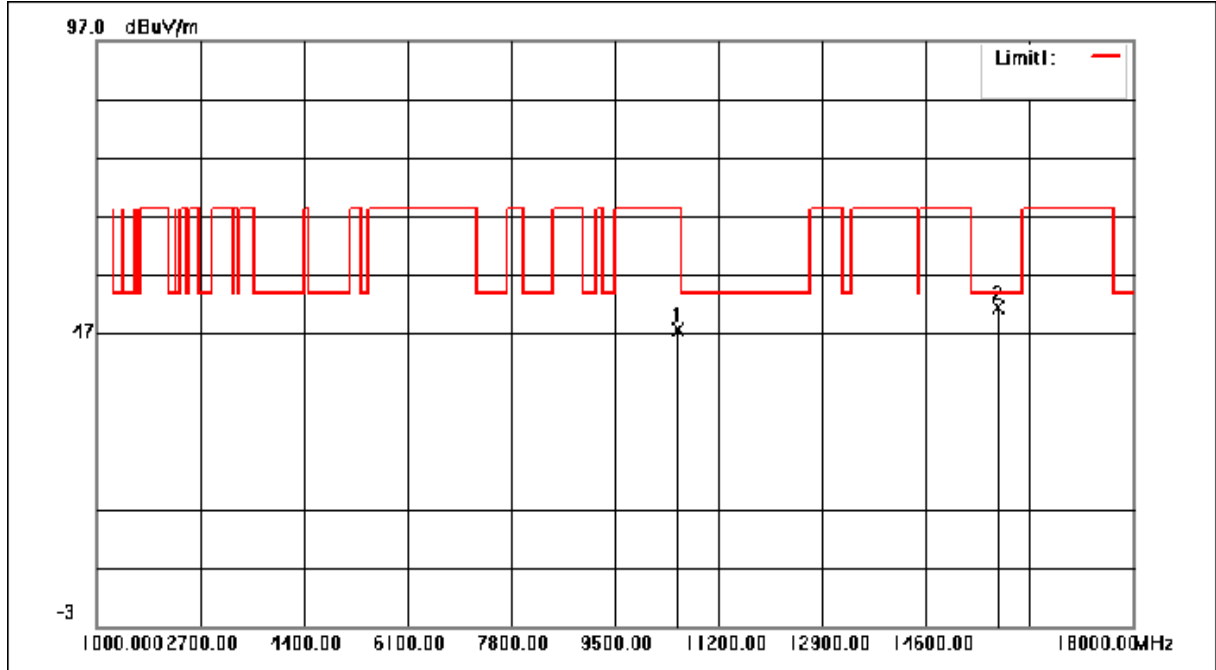
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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	50.01	-2.33	47.68	68.30	-20.62	peak
2	15780.000	51.94	-0.49	51.45	54.00	-2.55	peak



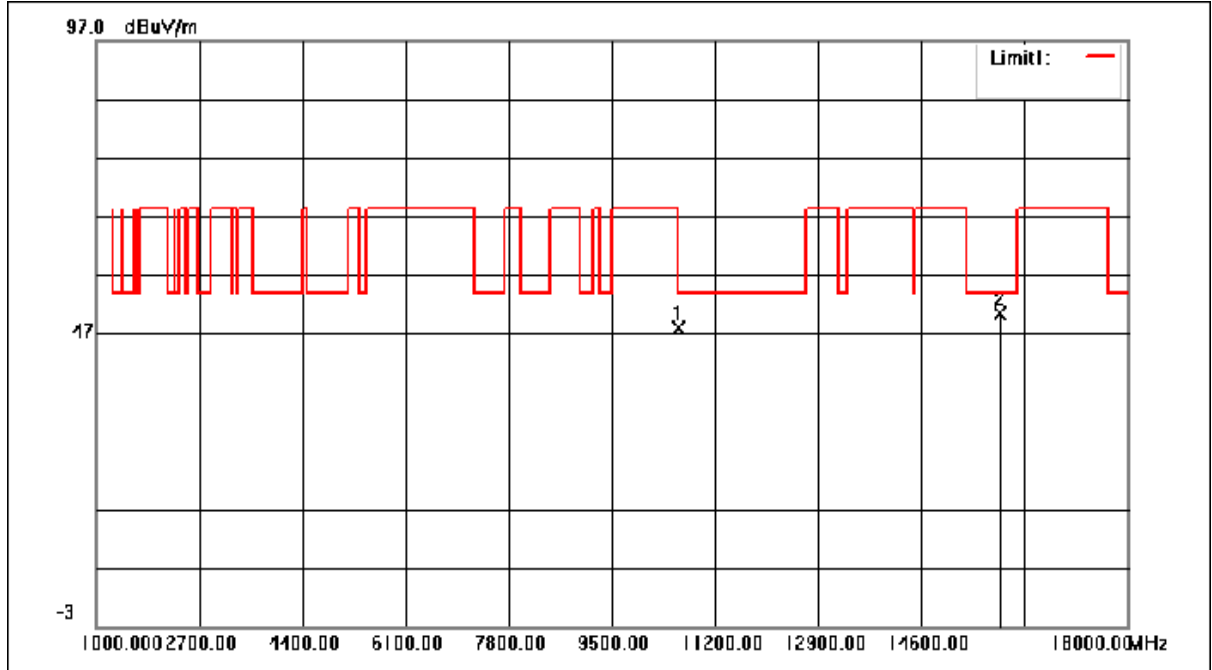
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	49.98	-2.12	47.86	54.00	-6.14	peak
2	15900.000	51.00	-0.58	50.42	54.00	-3.58	peak



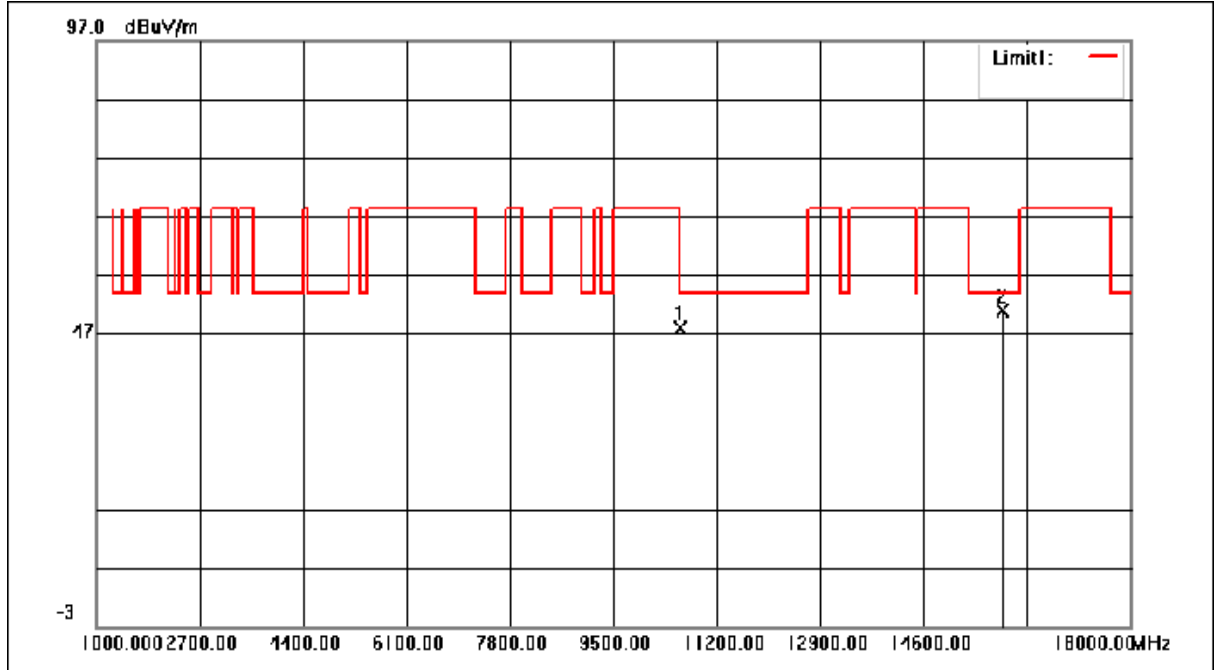
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	49.98	-2.12	47.86	54.00	-6.14	peak
2	15900.000	51.37	-0.58	50.79	54.00	-3.21	peak



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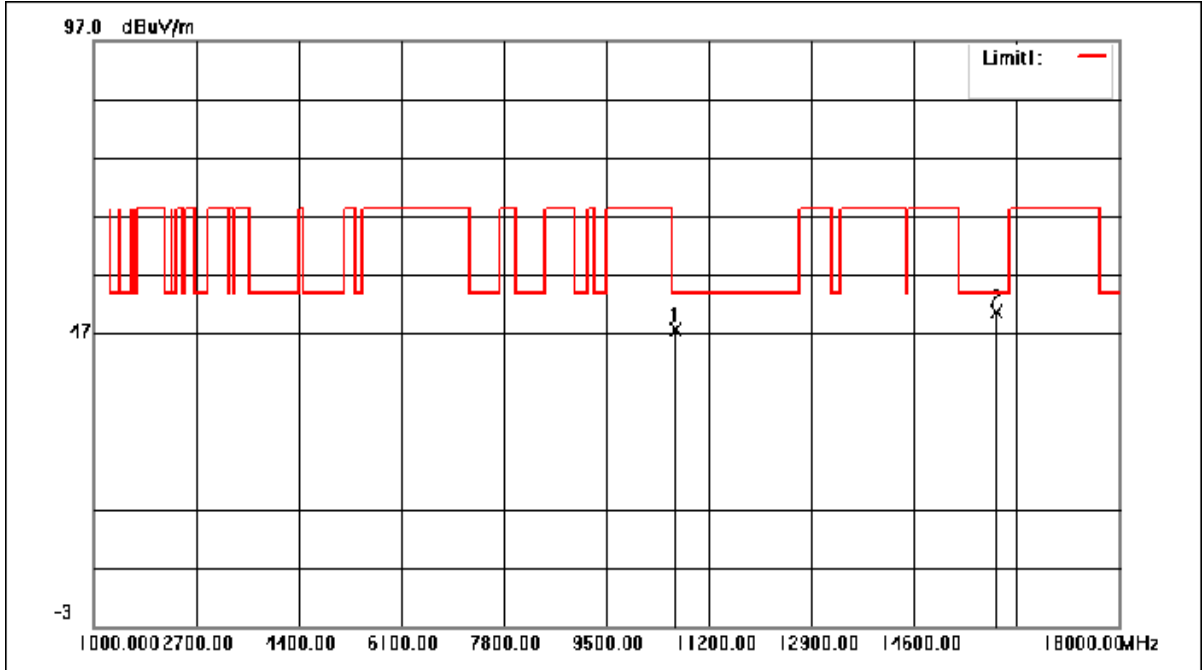
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	49.70	-2.01	47.69	54.00	-6.31	peak
2	15960.000	51.36	-0.63	50.73	54.00	-3.27	peak

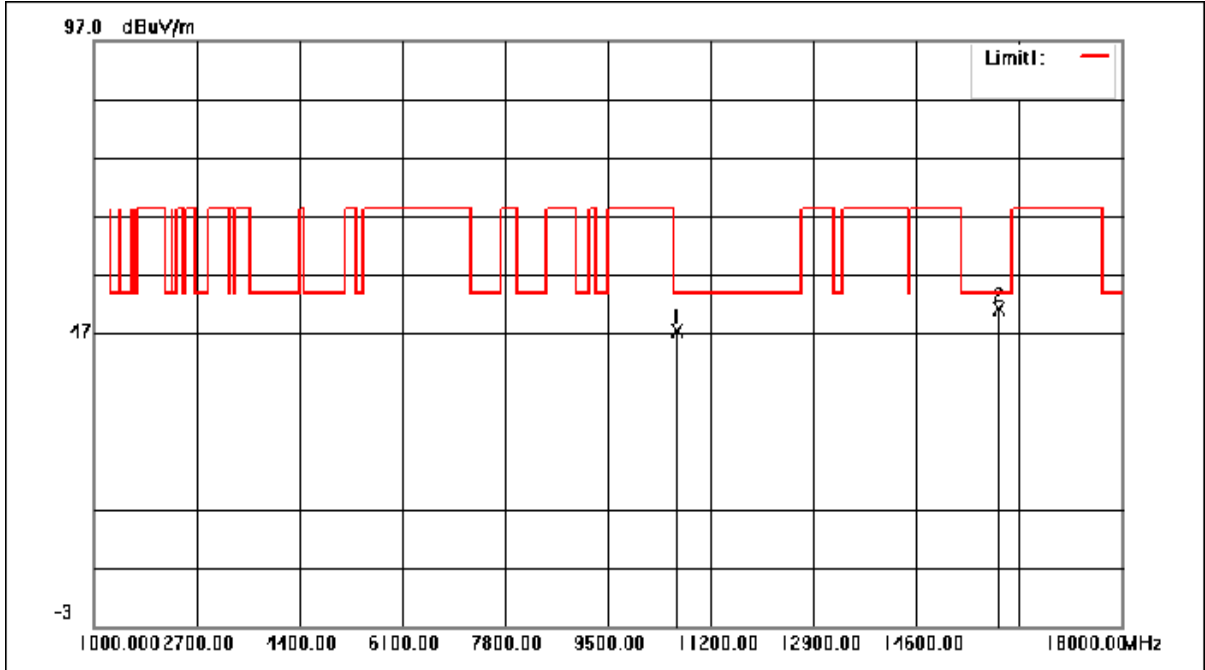


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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	49.29	-2.01	47.28	54.00	-6.72	peak
2	15960.000	51.69	-0.63	51.06	54.00	-2.94	peak



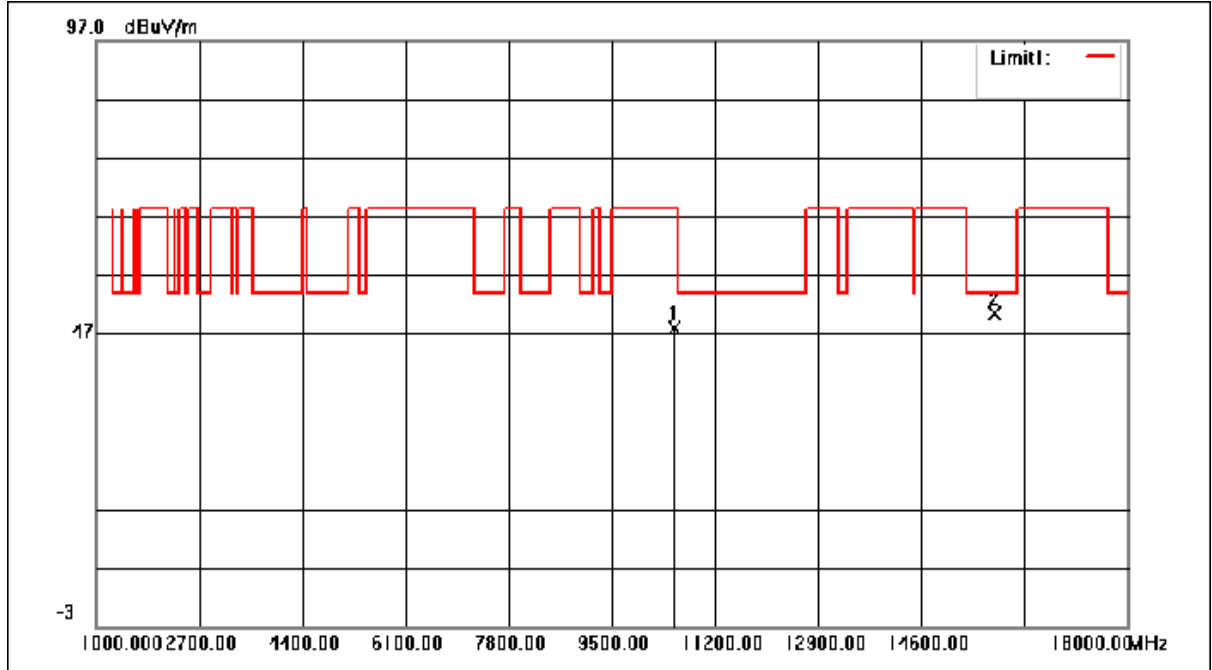
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	50.11	-2.28	47.83	68.30	-20.47	peak
2	15810.000	50.93	-0.51	50.42	54.00	-3.58	peak



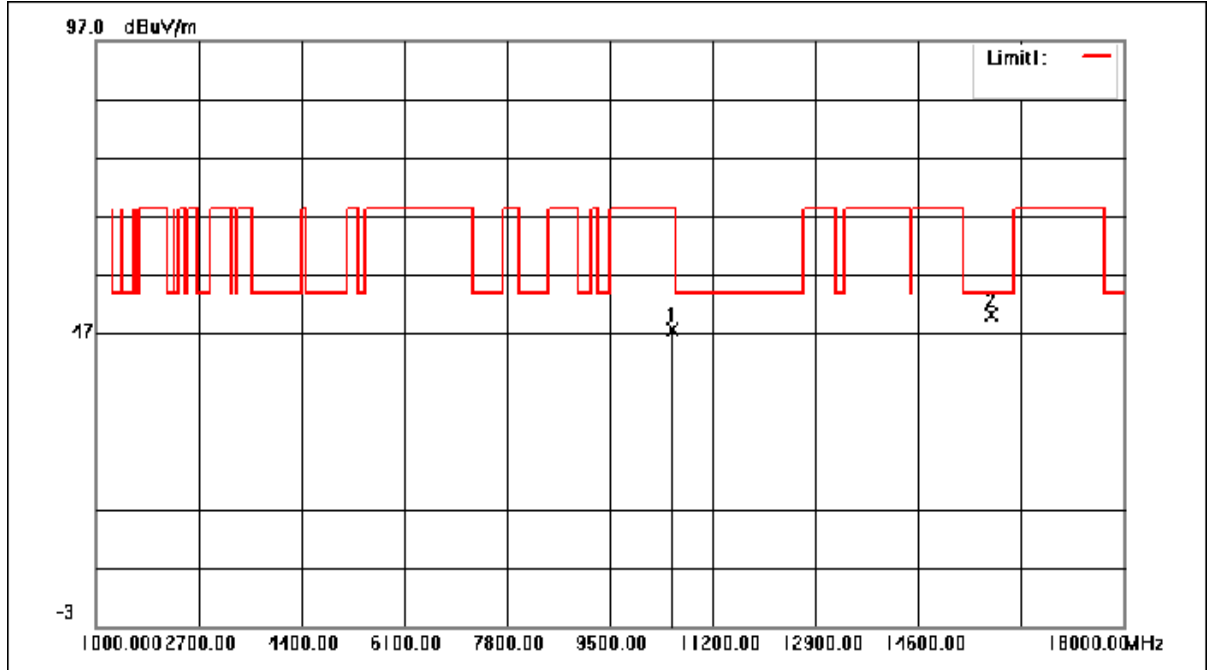
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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	50.00	-2.28	47.72	68.30	-20.58	peak
2	15810.000	50.70	-0.51	50.19	54.00	-3.81	peak



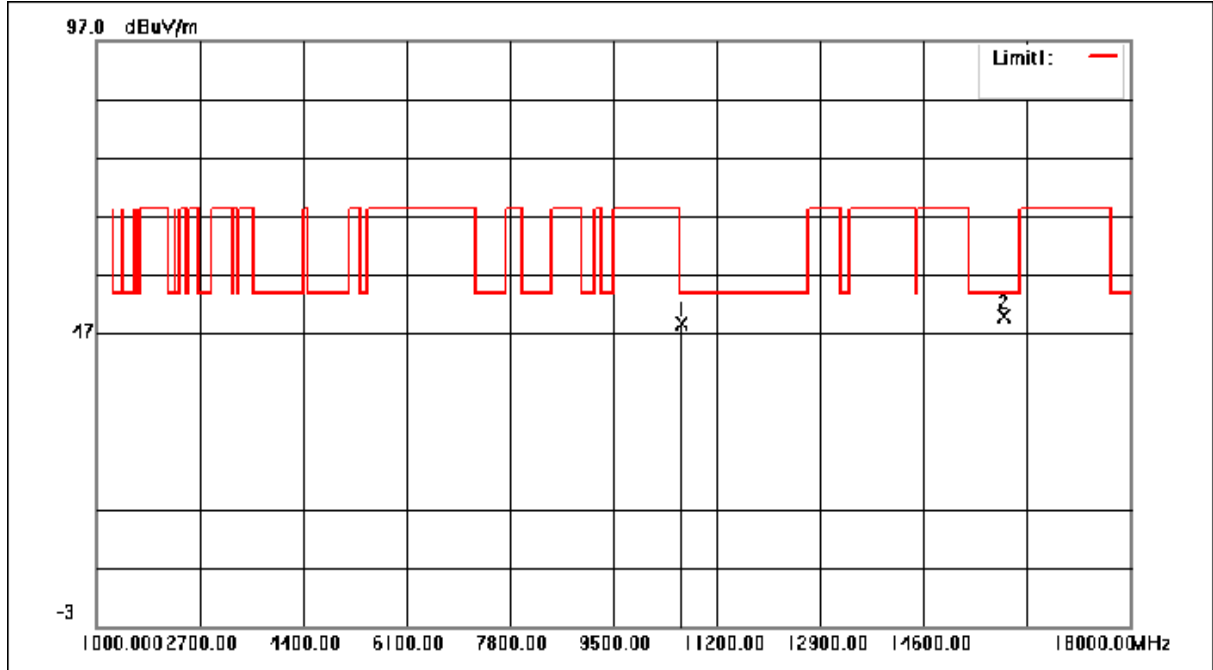
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	50.64	-2.07	48.57	54.00	-5.43	peak
2	15930.000	50.57	-0.61	49.96	54.00	-4.04	peak



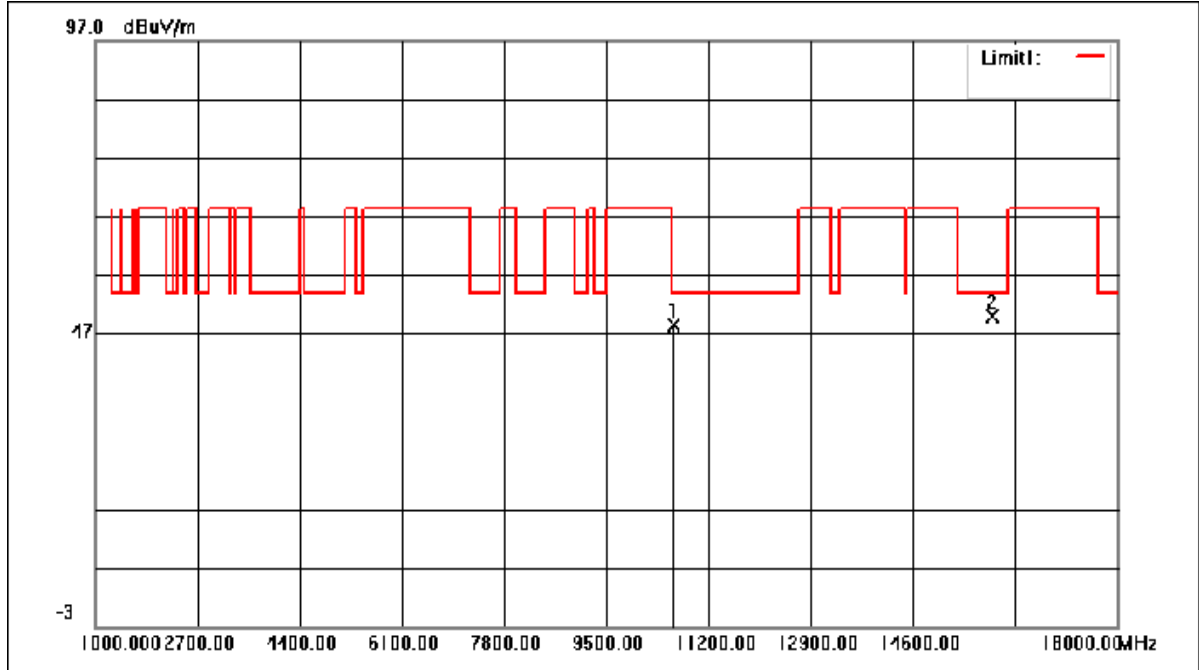
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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	50.44	-2.07	48.37	54.00	-5.63	peak
2	15930.000	50.39	-0.61	49.78	54.00	-4.22	peak



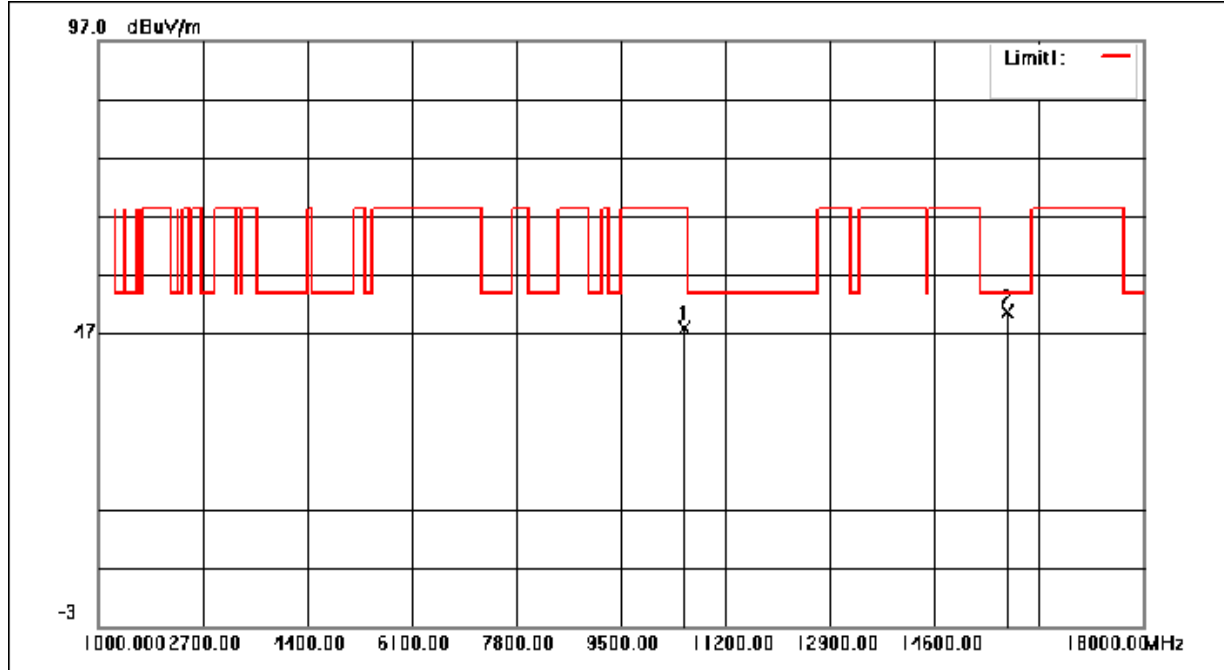
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	50.16	-2.33	47.83	68.30	-20.47	peak
2	15780.000	51.17	-0.49	50.68	54.00	-3.32	peak



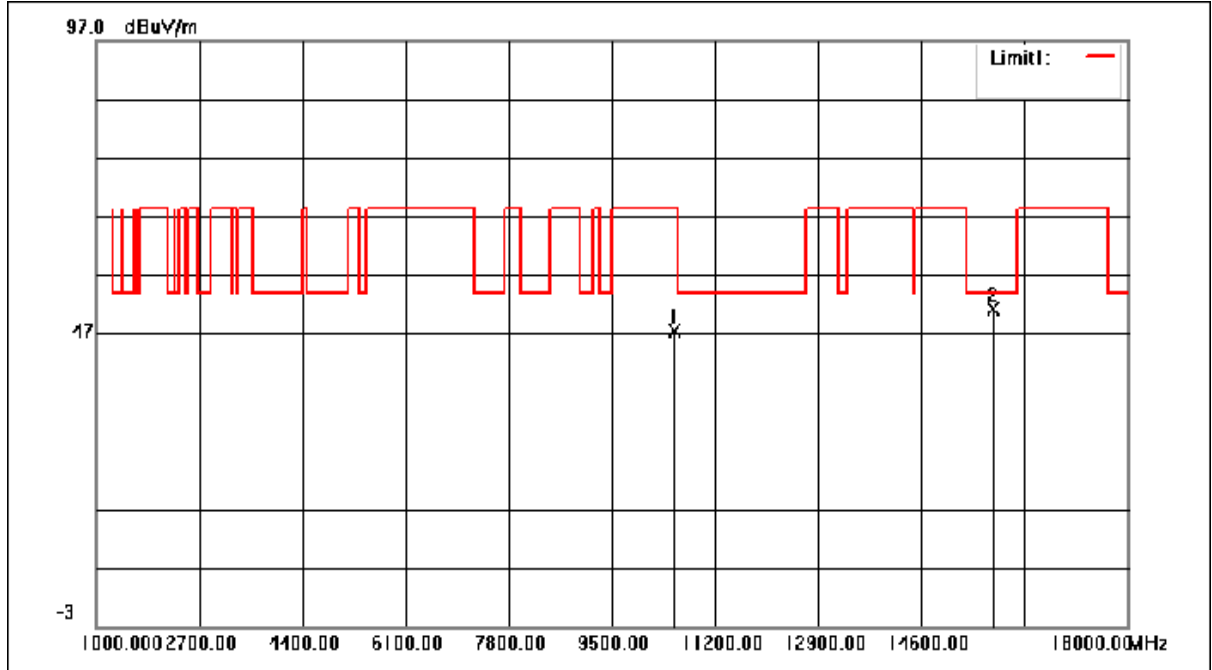
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10520.000	49.61	-2.33	47.28	68.30	-21.02	peak
2	15780.000	51.56	-0.49	51.07	54.00	-2.93	peak



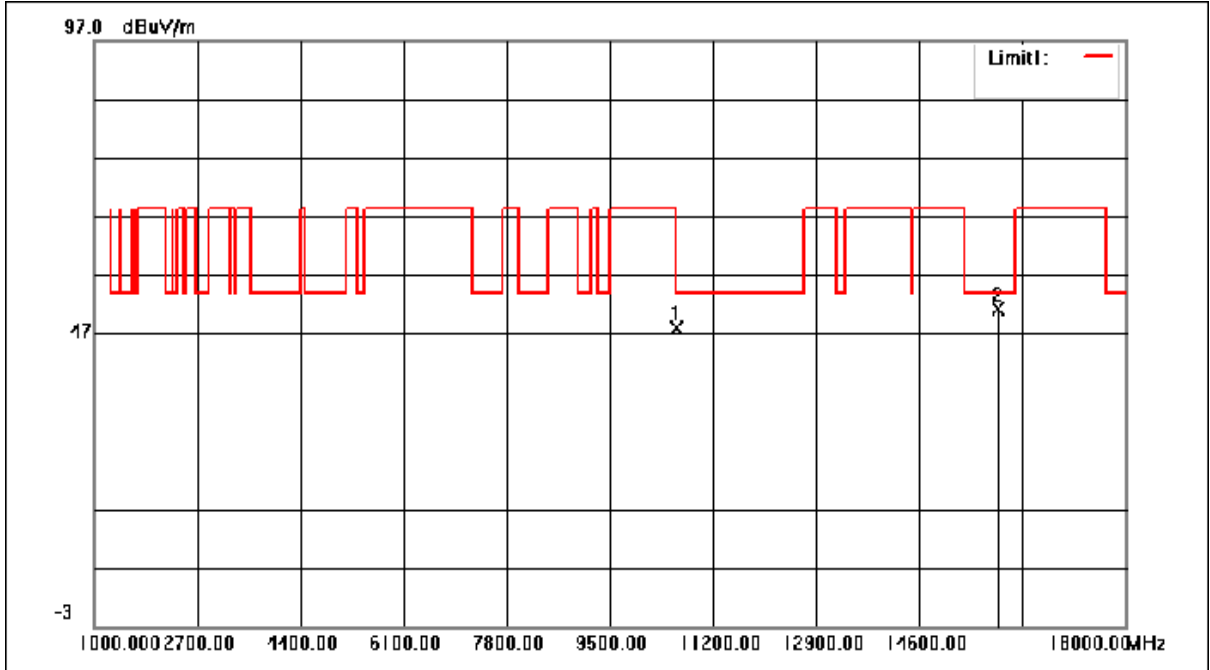
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	49.98	-2.12	47.86	54.00	-6.14	peak
2	15900.000	51.67	-0.58	51.09	54.00	-2.91	peak



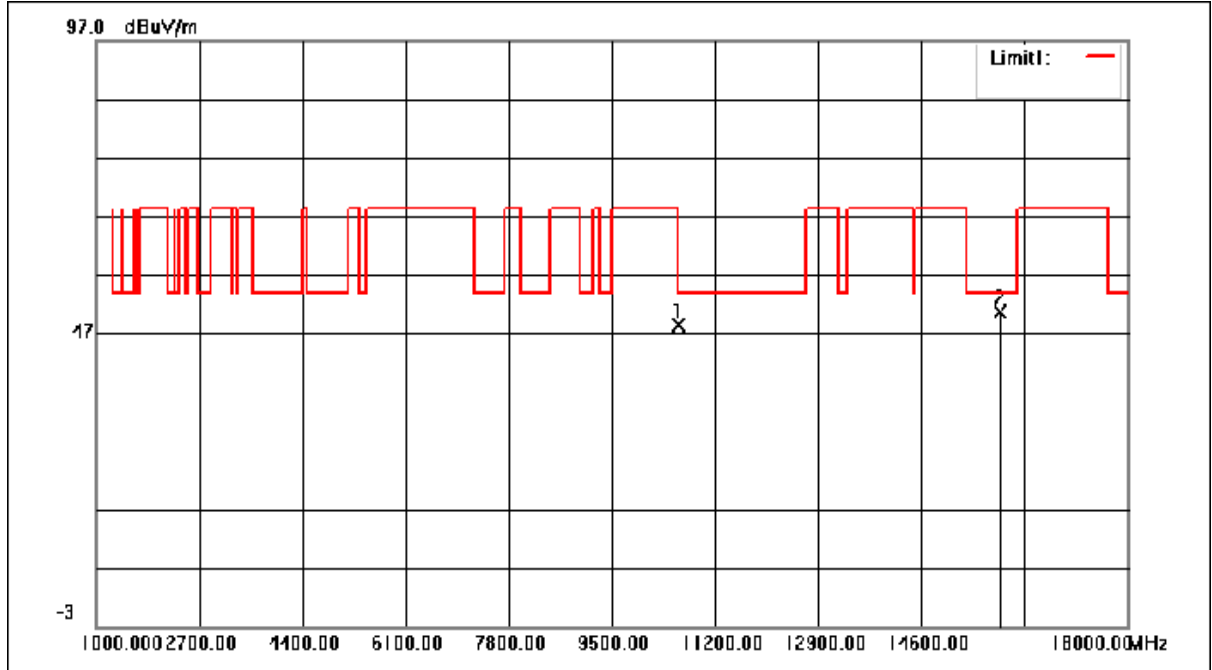
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10600.000	50.39	-2.12	48.27	54.00	-5.73	peak
2	15900.000	51.31	-0.58	50.73	54.00	-3.27	peak



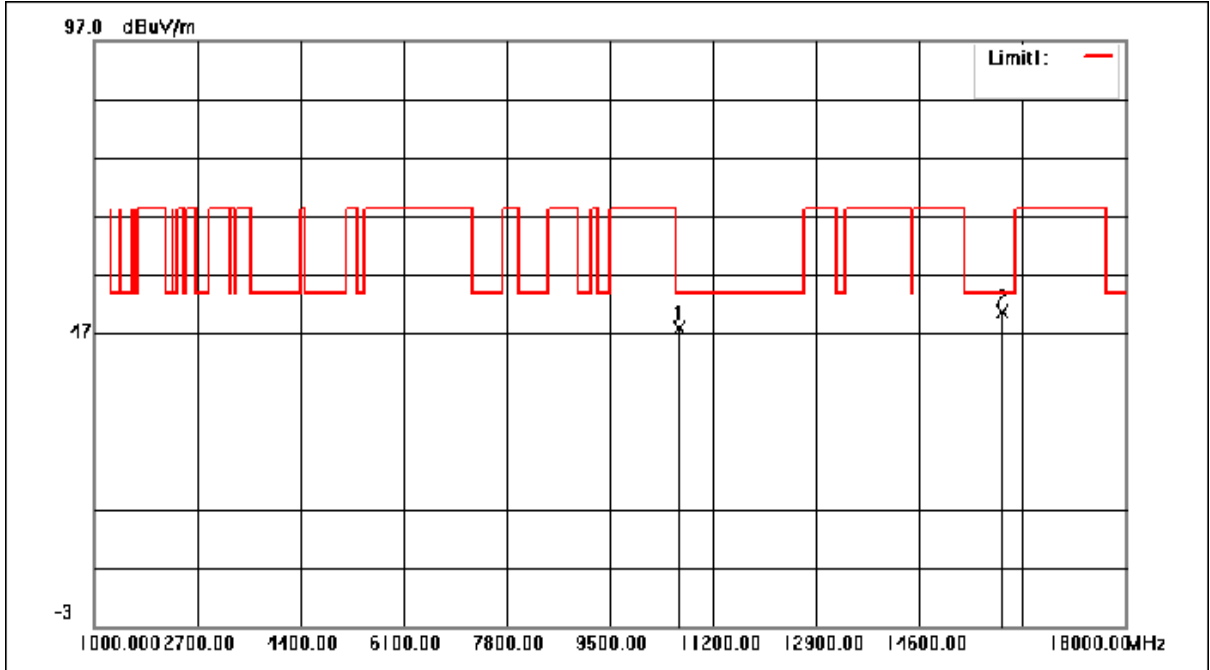
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	49.87	-2.01	47.86	54.00	-6.14	peak
2	15960.000	51.31	-0.63	50.68	54.00	-3.32	peak



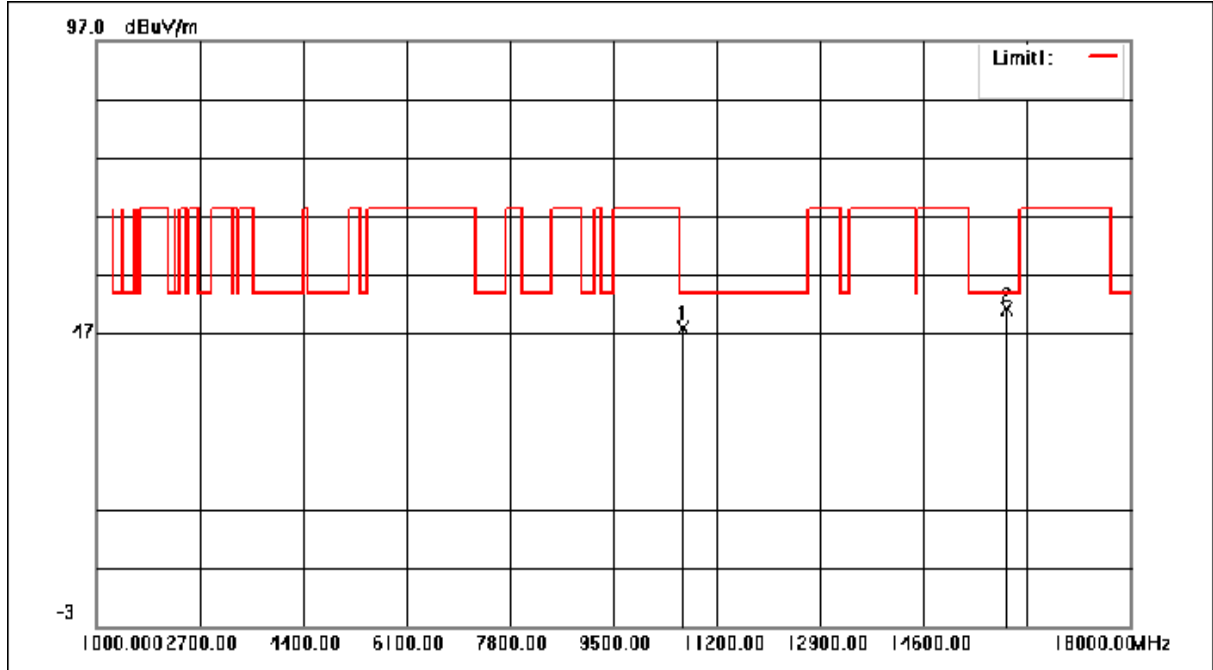
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10640.000	49.84	-2.01	47.83	54.00	-6.17	peak
2	15960.000	51.70	-0.63	51.07	54.00	-2.93	peak



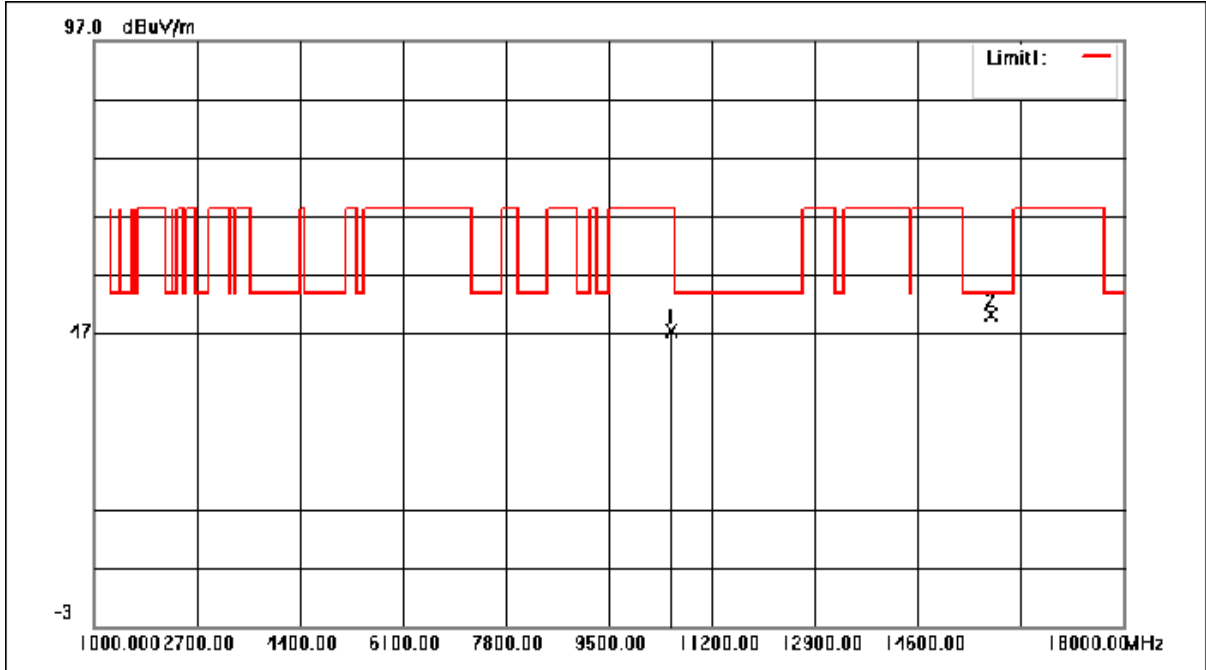
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	49.66	-2.28	47.38	68.30	-20.92	peak
2	15810.000	50.65	-0.51	50.14	54.00	-3.86	peak



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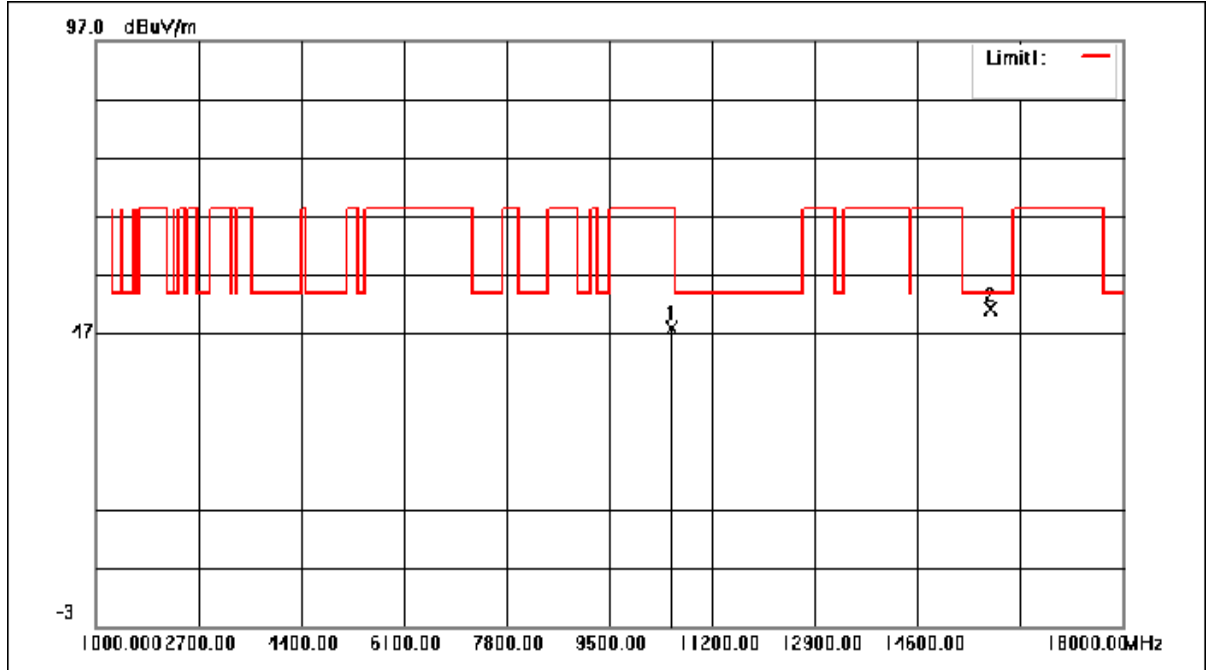
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10540.000	50.24	-2.28	47.96	68.30	-20.34	peak
2	15810.000	51.57	-0.51	51.06	54.00	-2.94	peak



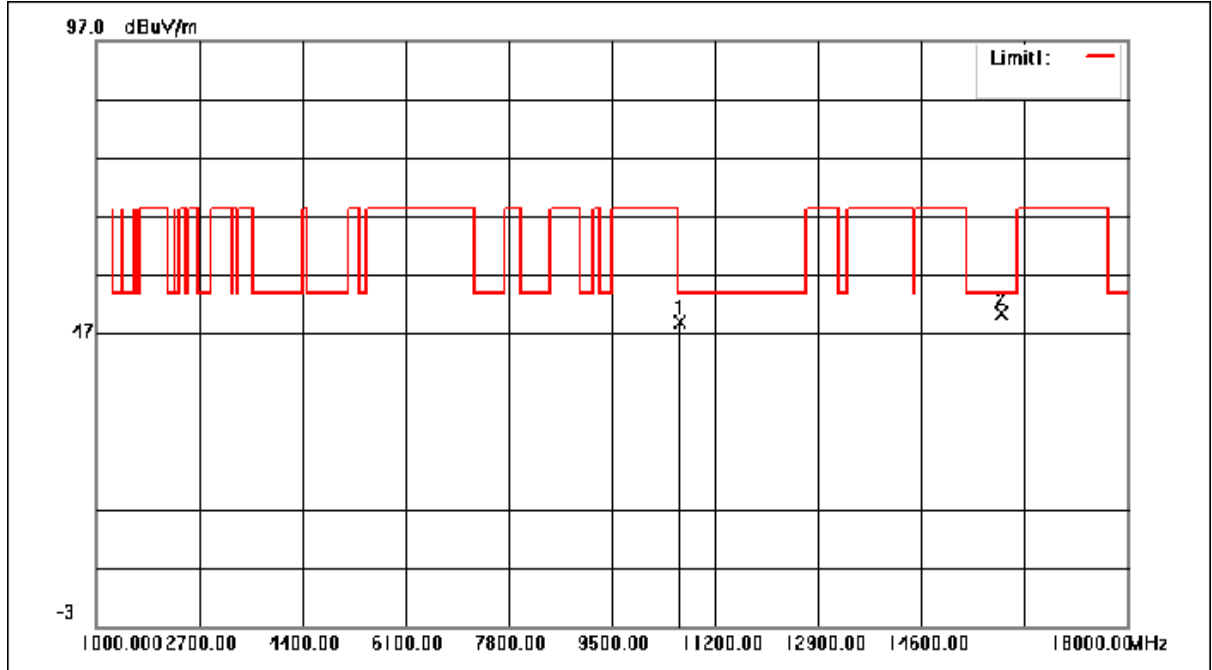
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	51.03	-2.07	48.96	54.00	-5.04	peak
2	15930.000	51.08	-0.61	50.47	54.00	-3.53	peak



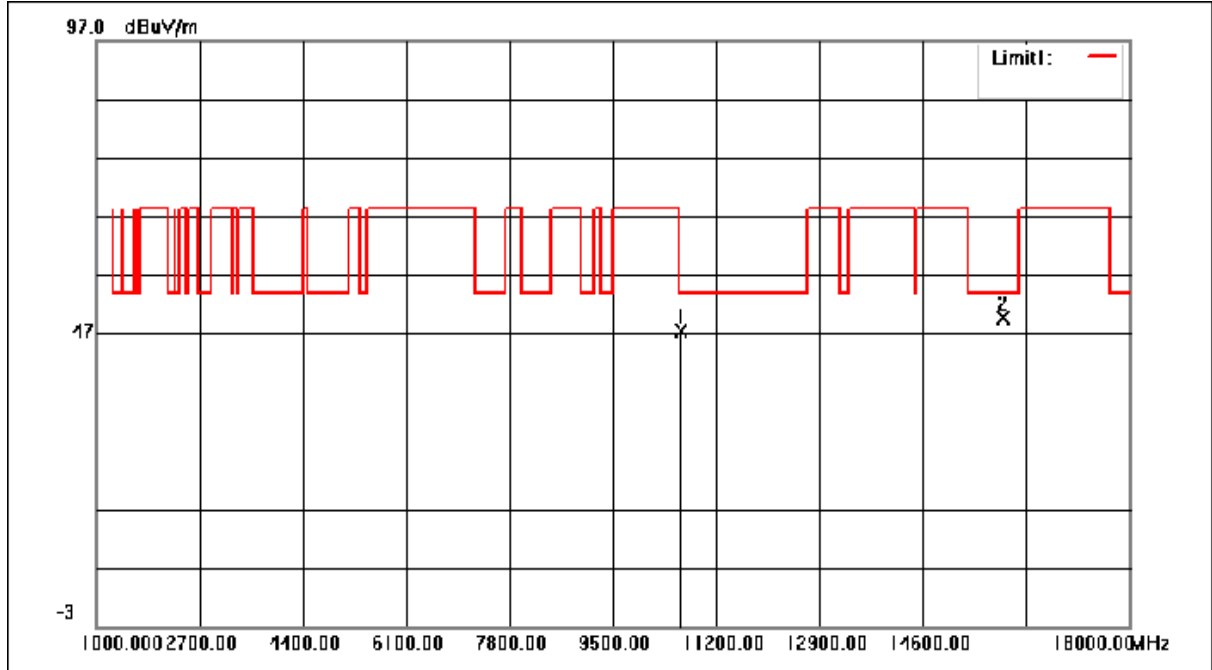
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10620.000	49.45	-2.07	47.38	54.00	-6.62	peak
2	15930.000	50.29	-0.61	49.68	54.00	-4.32	peak



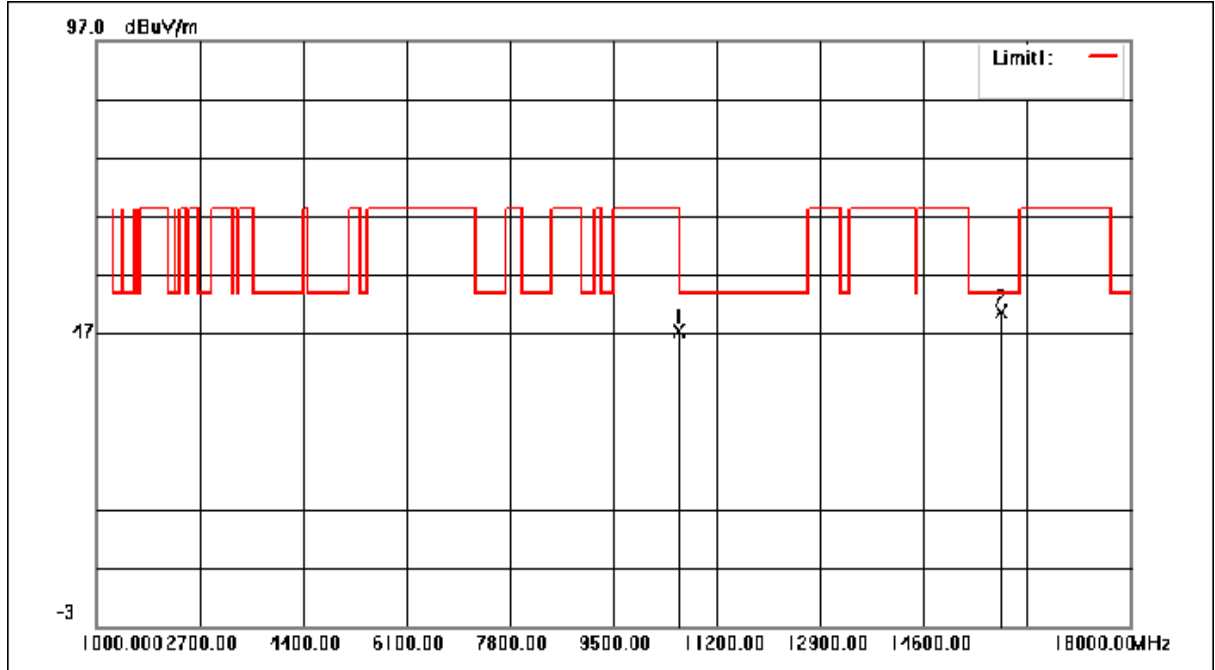
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	49.66	-2.17	47.49	68.30	-20.81	peak
2	15870.000	51.28	-0.56	50.72	54.00	-3.28	peak



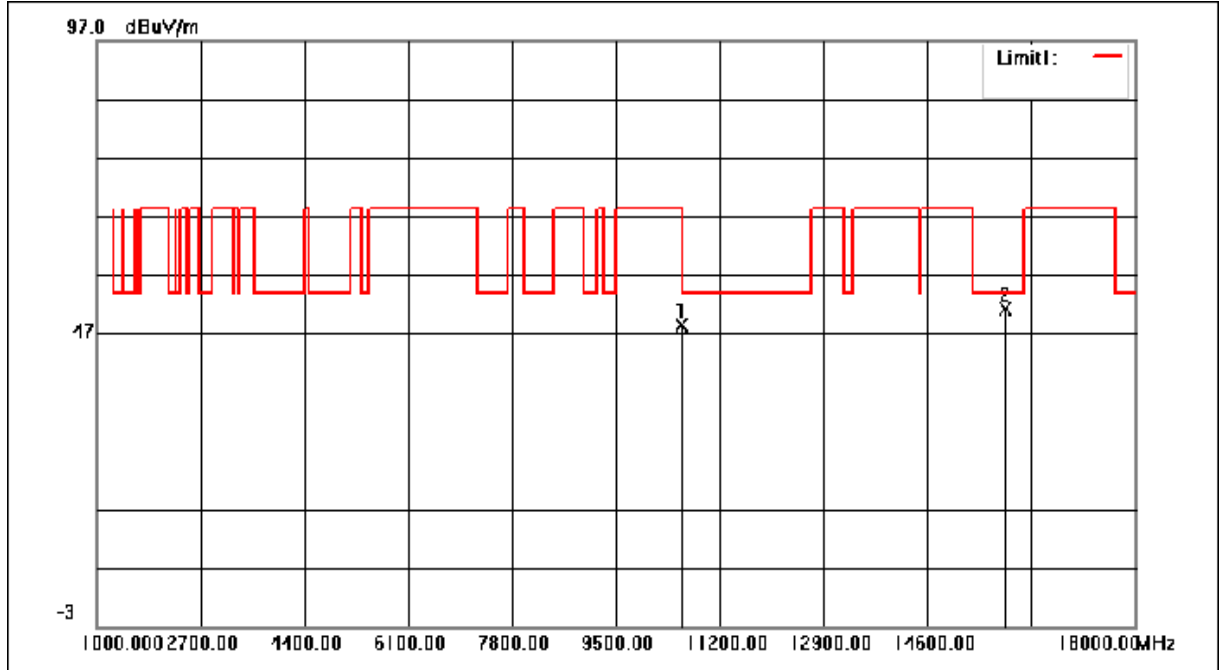
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	10580.000	50.44	-2.17	48.27	68.30	-20.03	peak
2	15870.000	51.78	-0.56	51.22	54.00	-2.78	peak



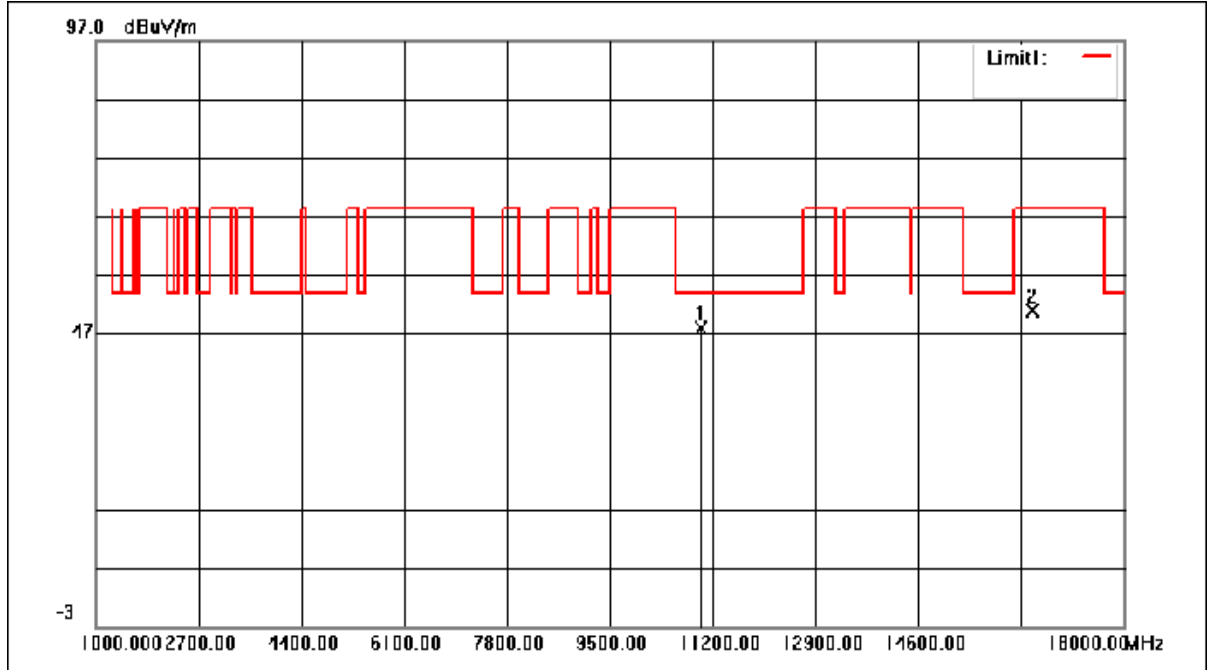
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Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	48.92	-1.07	47.85	54.00	-6.15	peak
2	16500.000	50.66	0.28	50.94	68.30	-17.36	peak



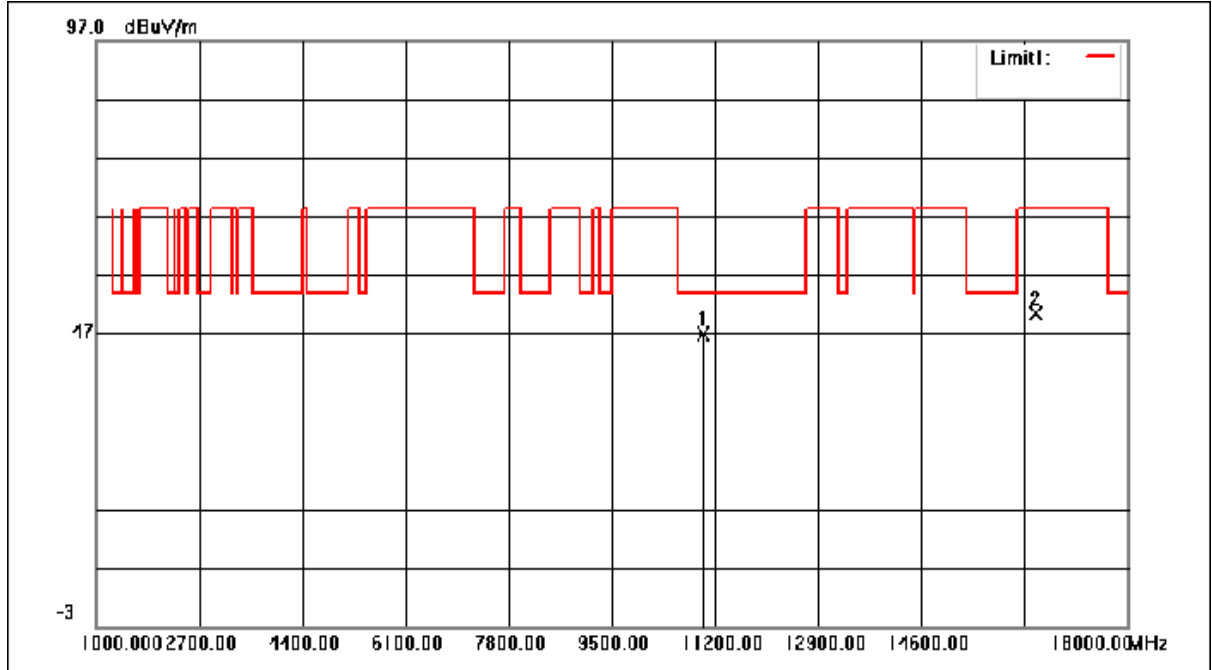
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Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	47.96	-1.07	46.89	54.00	-7.11	peak
2	16500.000	50.19	0.28	50.47	68.30	-17.83	peak



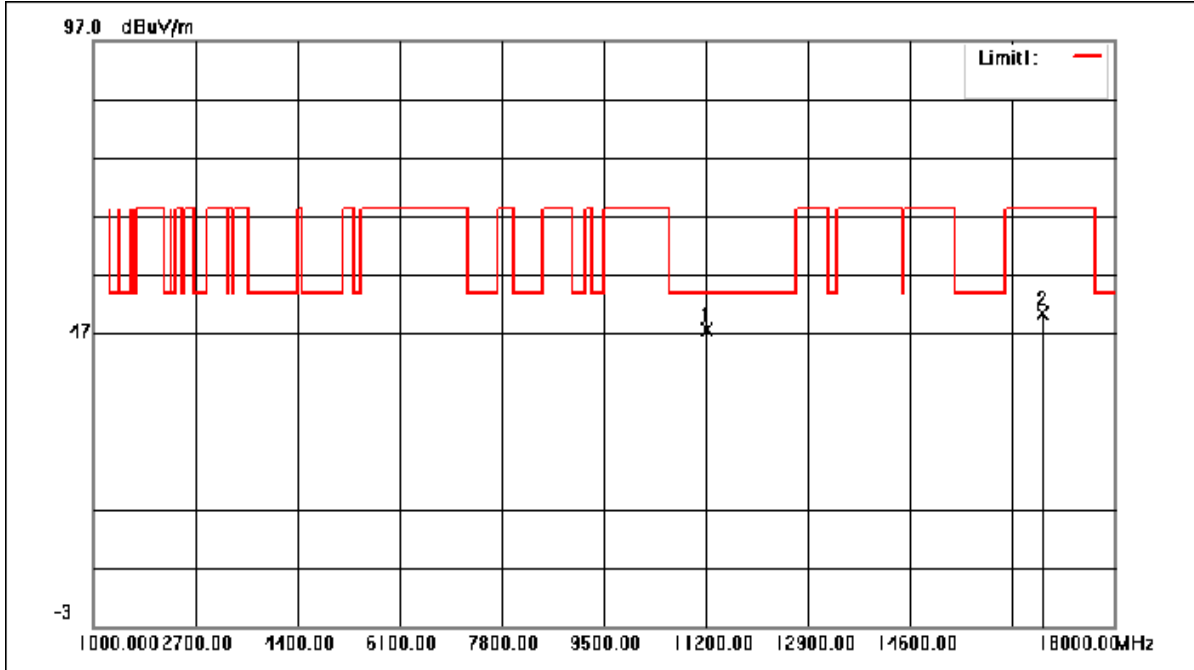
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Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	49.15	-1.55	47.60	54.00	-6.40	peak
2	16800.000	50.37	0.11	50.48	68.30	-17.82	peak



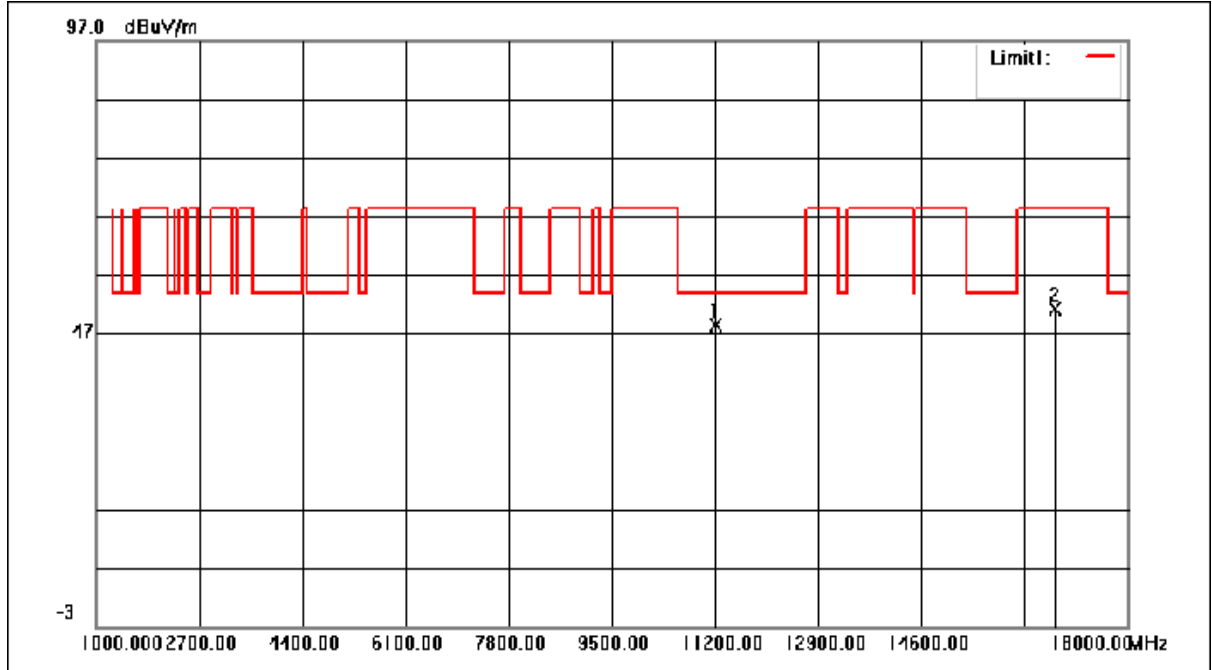
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Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	49.82	-1.55	48.27	54.00	-5.73	peak
2	16800.000	50.96	0.11	51.07	68.30	-17.23	peak



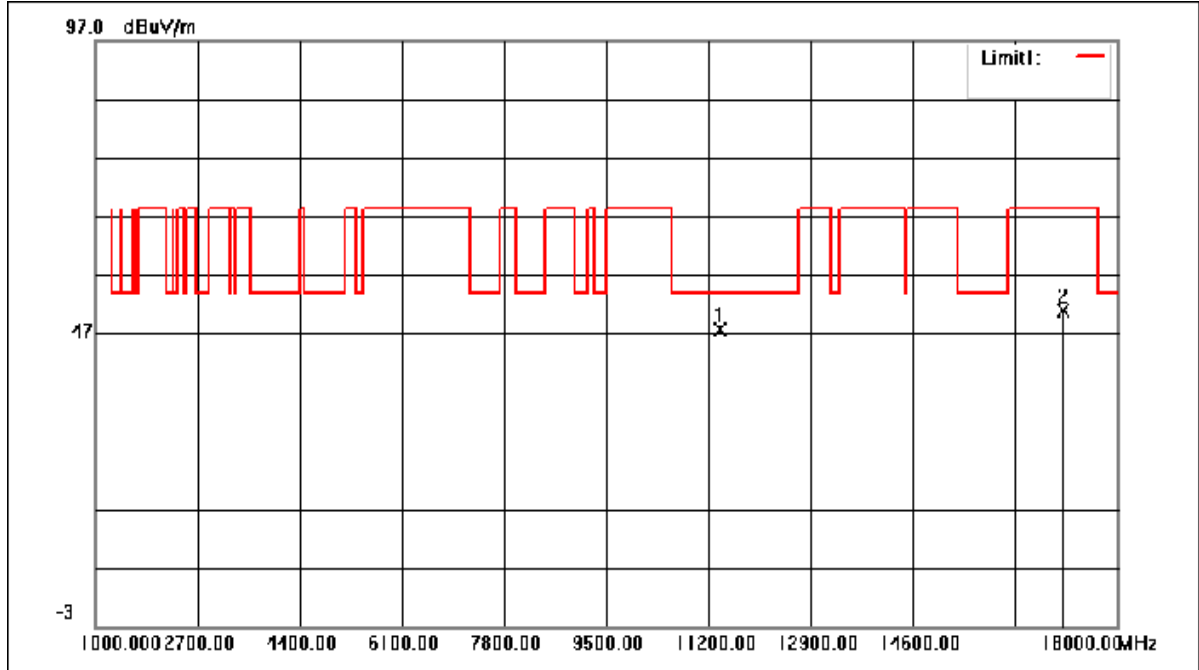
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Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	49.70	-2.02	47.68	54.00	-6.32	peak
2	17100.000	51.05	-0.08	50.97	68.30	-17.33	peak



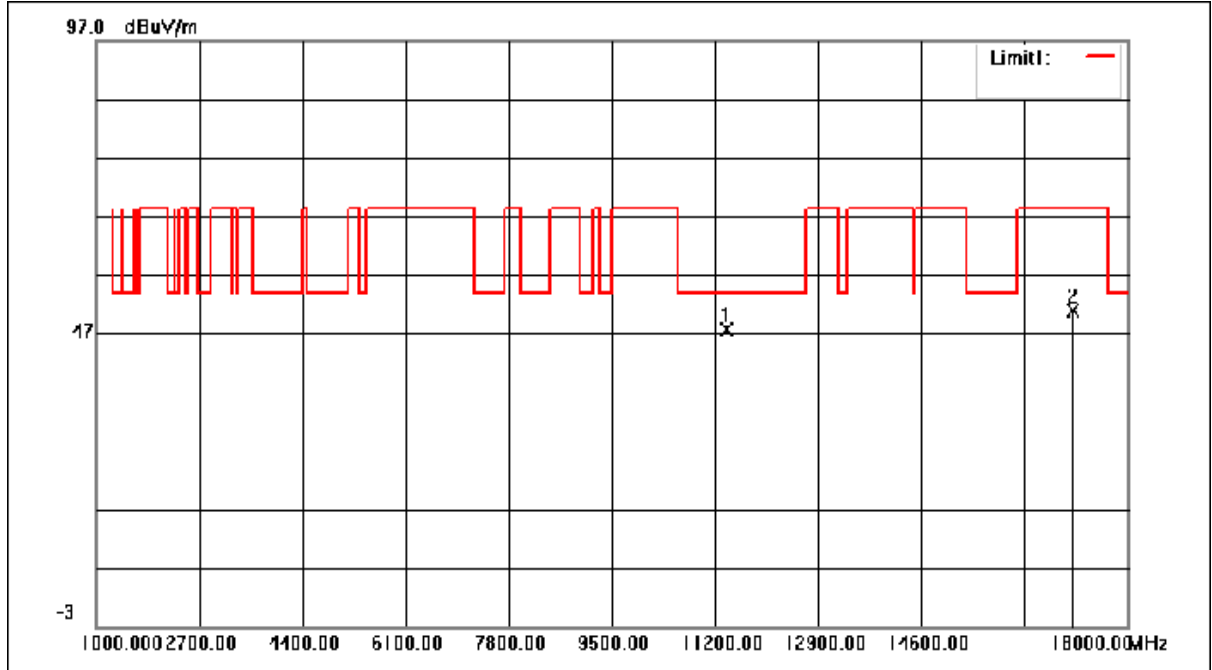
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Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	49.70	-2.02	47.68	54.00	-6.32	peak
2	17100.000	51.06	-0.08	50.98	68.30	-17.32	peak



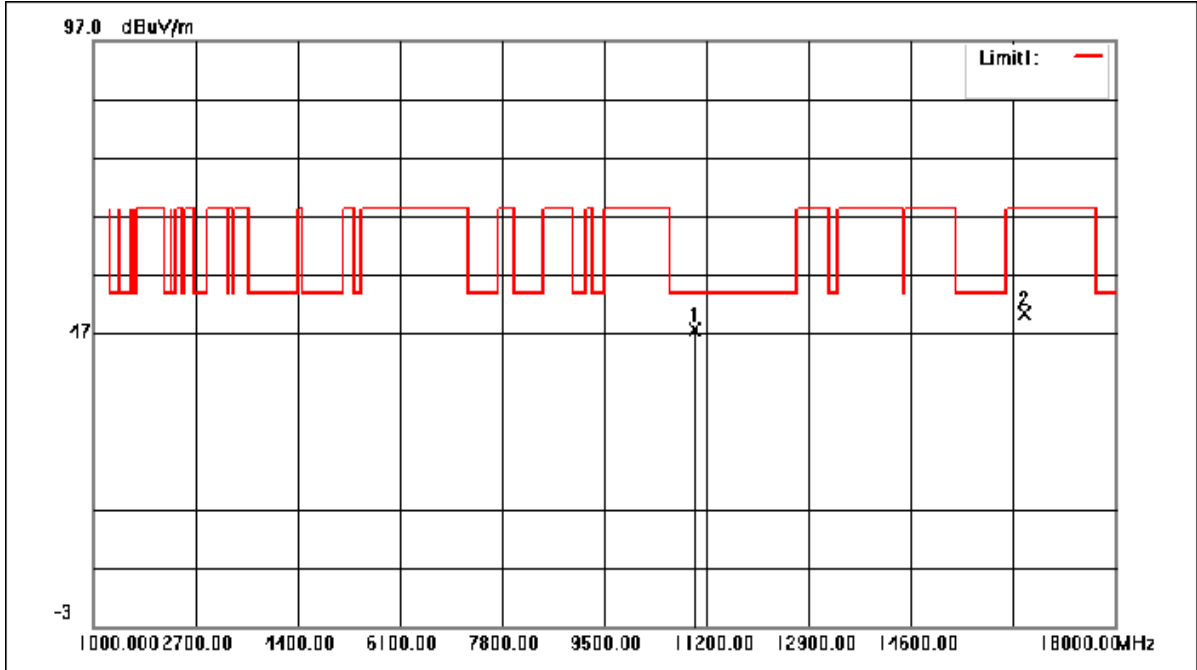
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	48.65	-1.07	47.58	54.00	-6.42	peak
2	16500.000	50.15	0.28	50.43	68.30	-17.87	peak



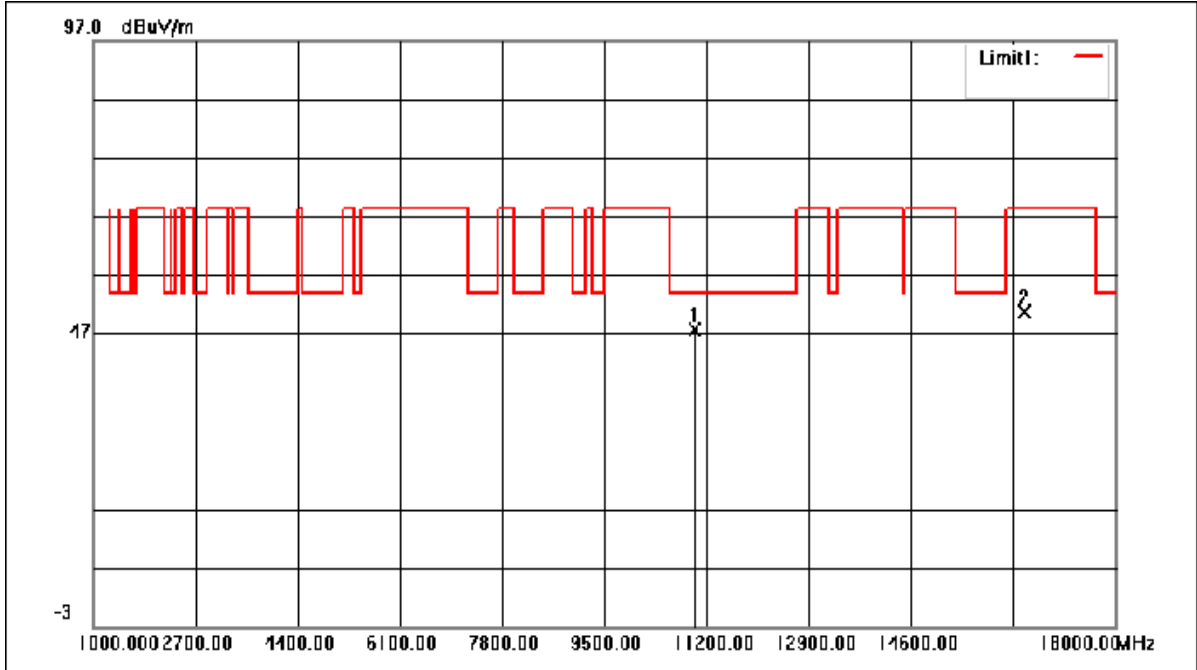
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	48.75	-1.07	47.68	54.00	-6.32	peak
2	16500.000	50.44	0.28	50.72	68.30	-17.58	peak



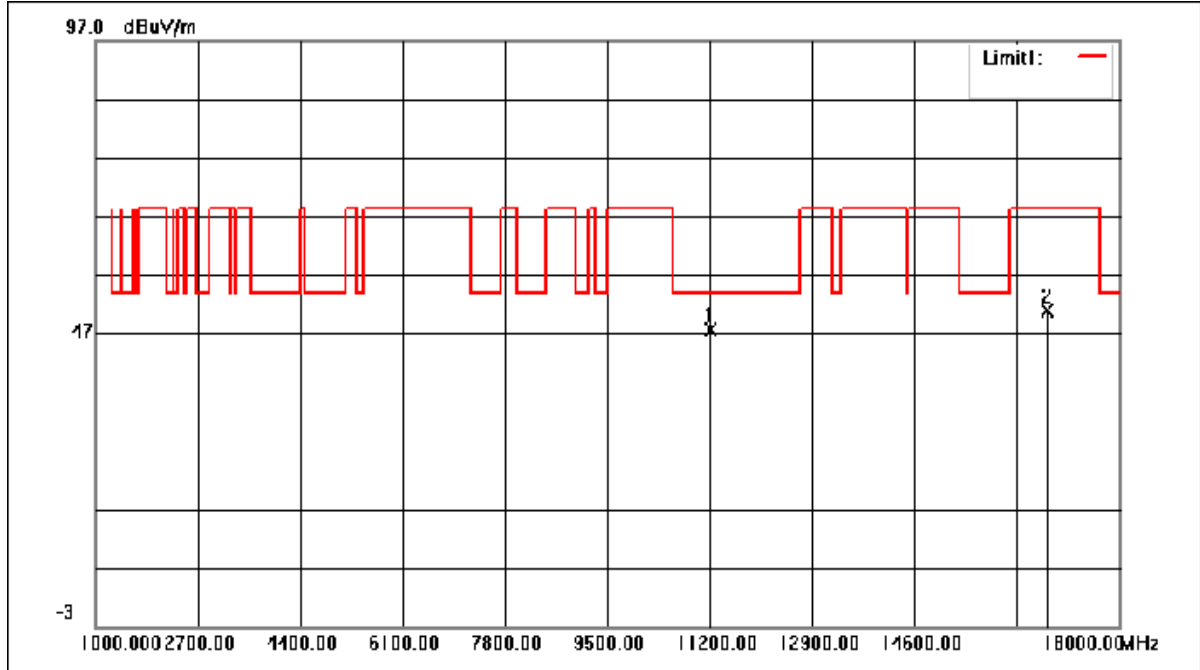
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	49.23	-1.55	47.68	54.00	-6.32	peak
2	16800.000	50.73	0.11	50.84	68.30	-17.46	peak



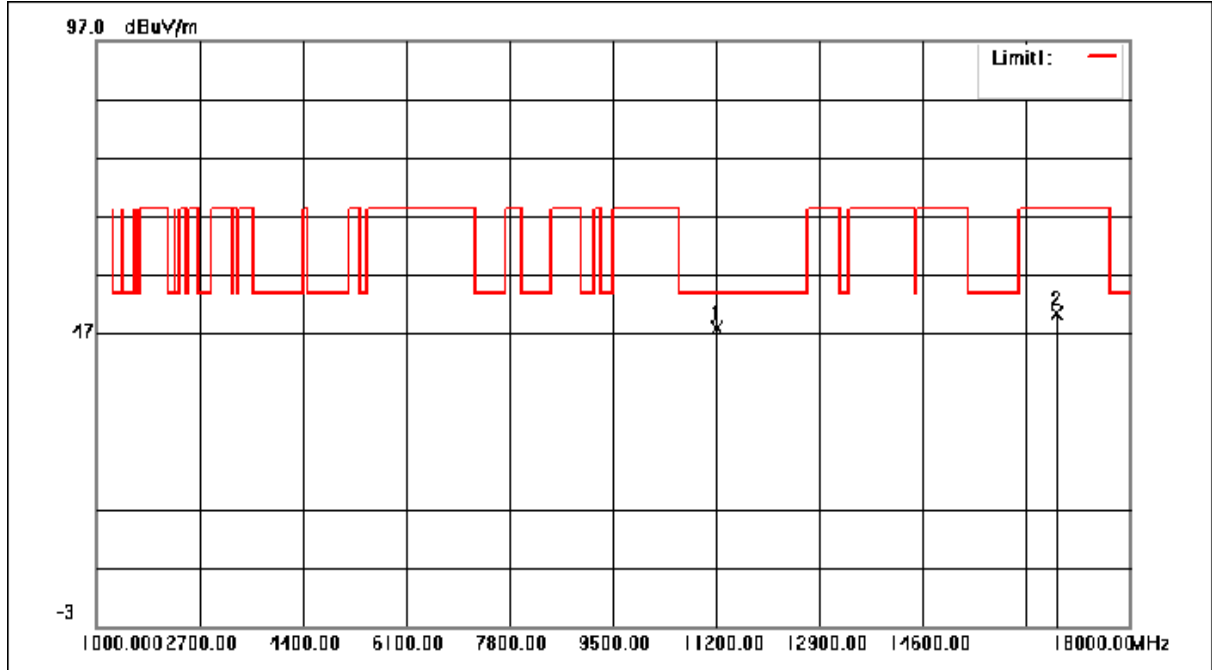
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	49.51	-1.55	47.96	54.00	-6.04	peak
2	16800.000	50.23	0.11	50.34	68.30	-17.96	peak



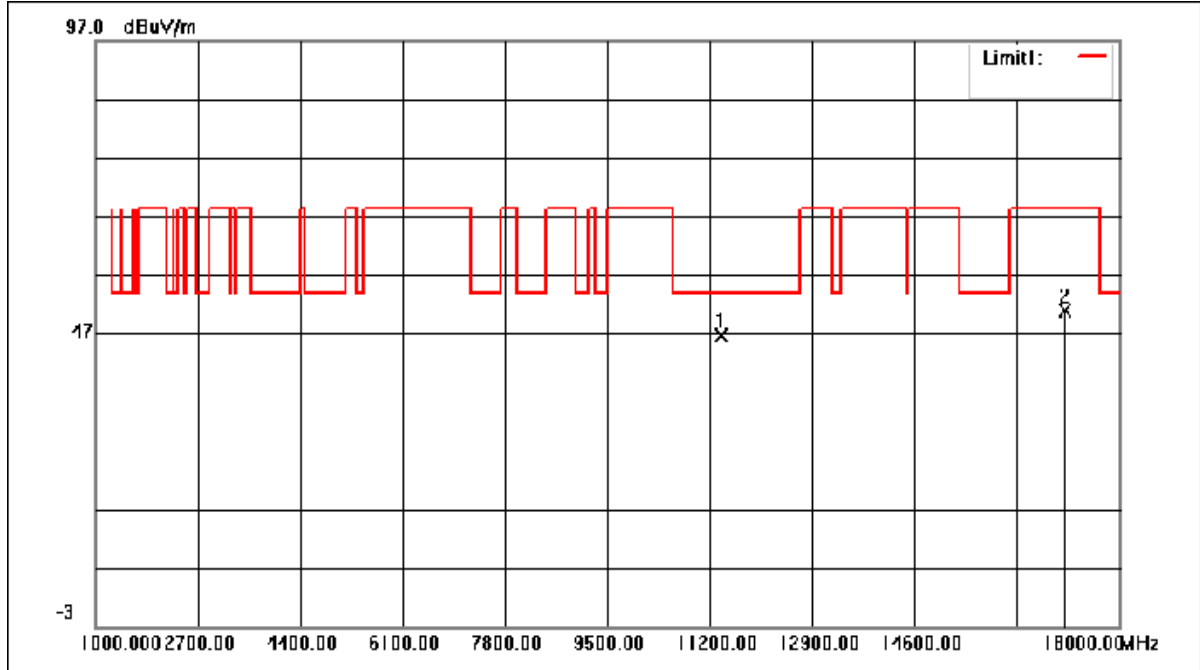
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	48.77	-2.02	46.75	54.00	-7.25	peak
2	17100.000	51.01	-0.08	50.93	68.30	-17.37	peak



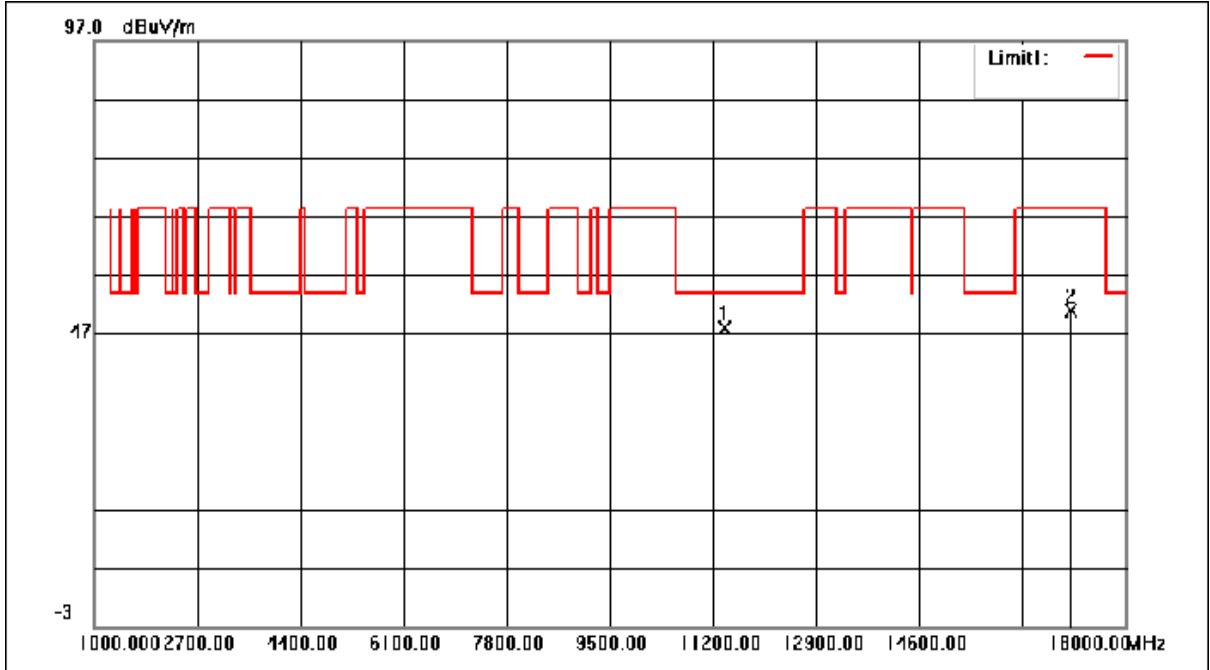
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	49.88	-2.02	47.86	54.00	-6.14	peak
2	17100.000	50.87	-0.08	50.79	68.30	-17.51	peak



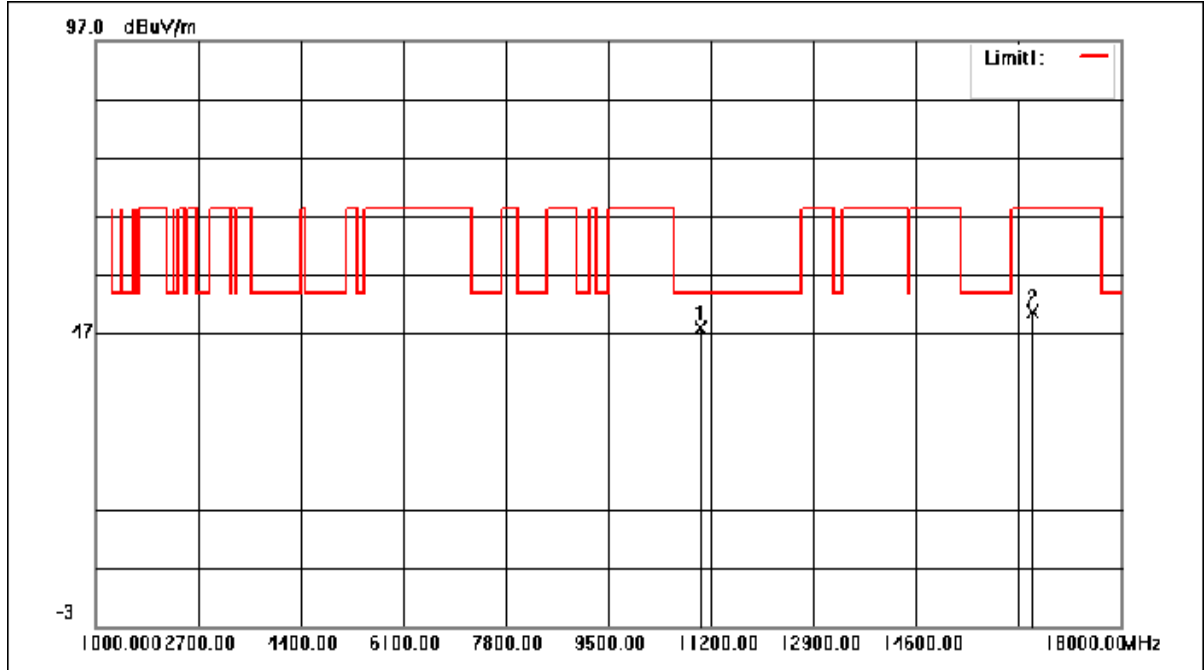
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	49.08	-1.12	47.96	54.00	-6.04	peak
2	16530.000	50.47	0.26	50.73	68.30	-17.57	peak

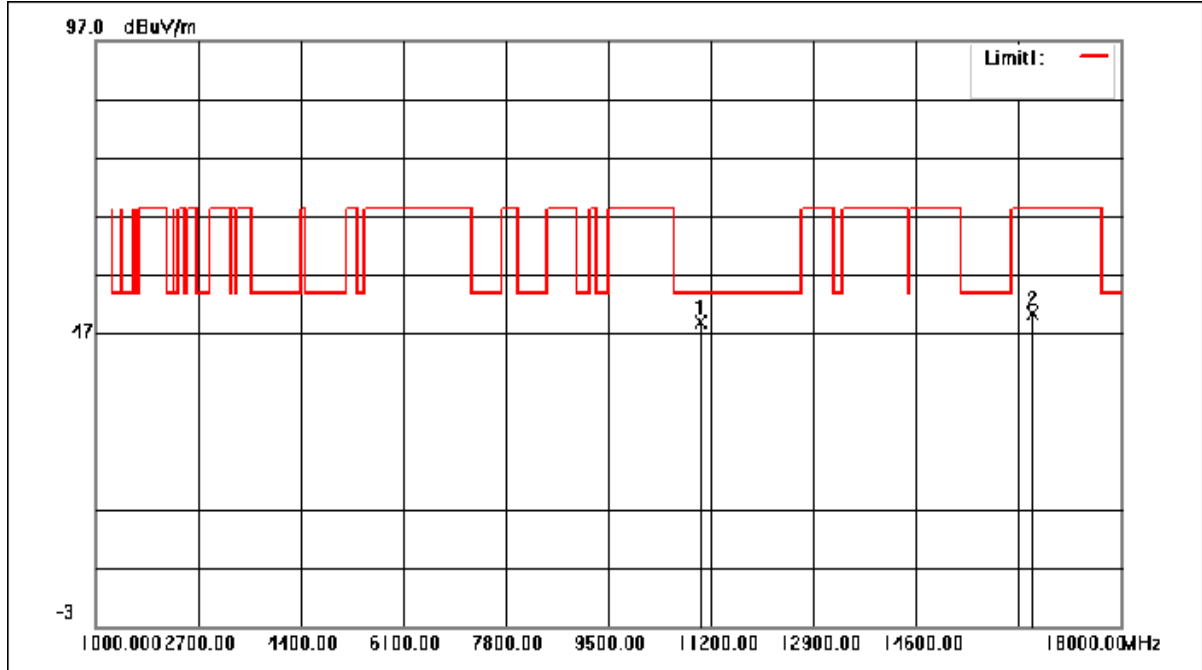


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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	49.93	-1.12	48.81	54.00	-5.19	peak
2	16530.000	50.23	0.26	50.49	68.30	-17.81	peak



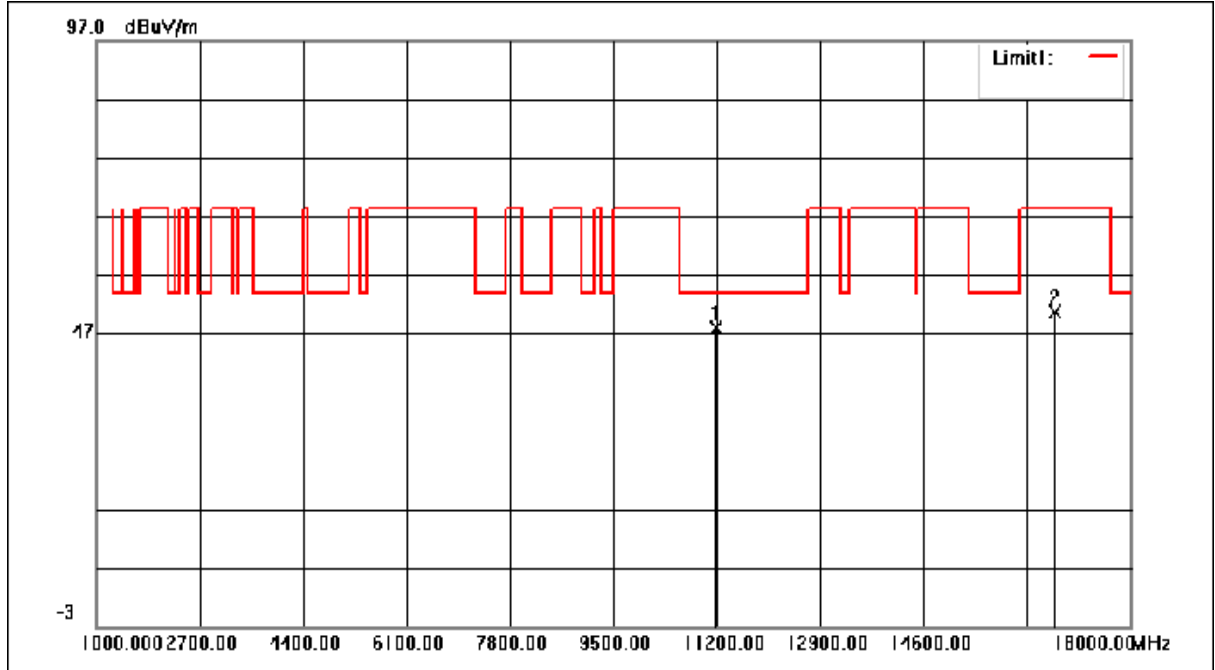
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	49.33	-1.50	47.83	54.00	-6.17	peak
2	16770.000	50.60	0.13	50.73	68.30	-17.57	peak



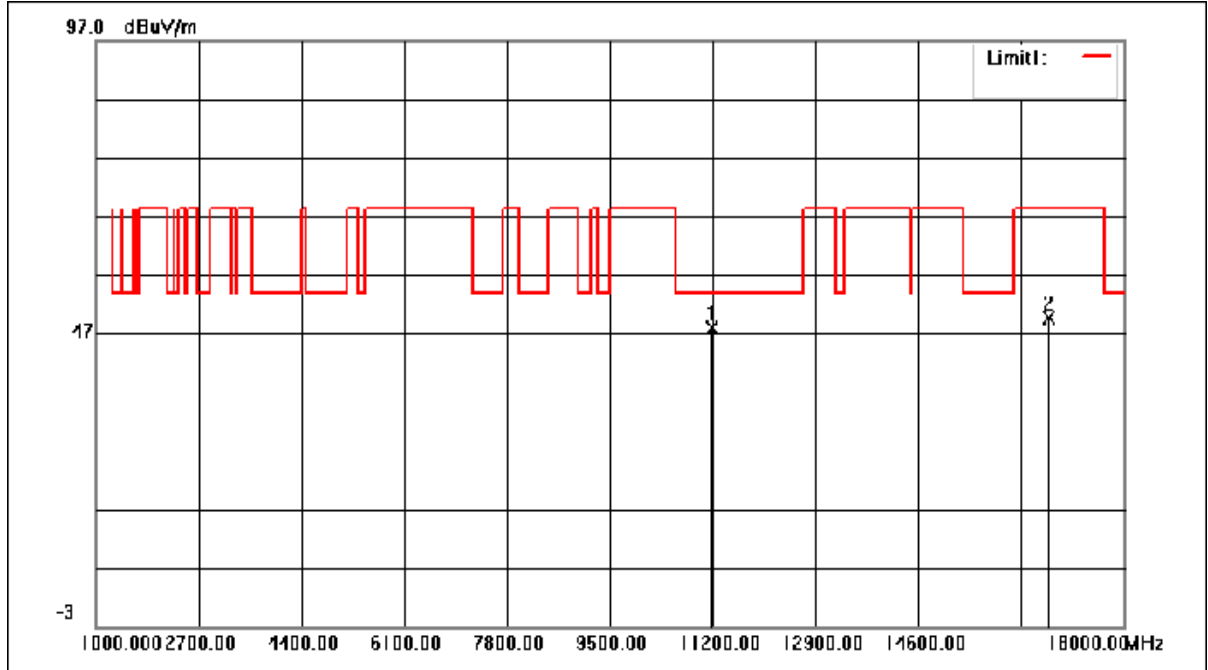
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	49.31	-1.50	47.81	54.00	-6.19	peak
2	16770.000	49.55	0.13	49.68	68.30	-18.62	peak



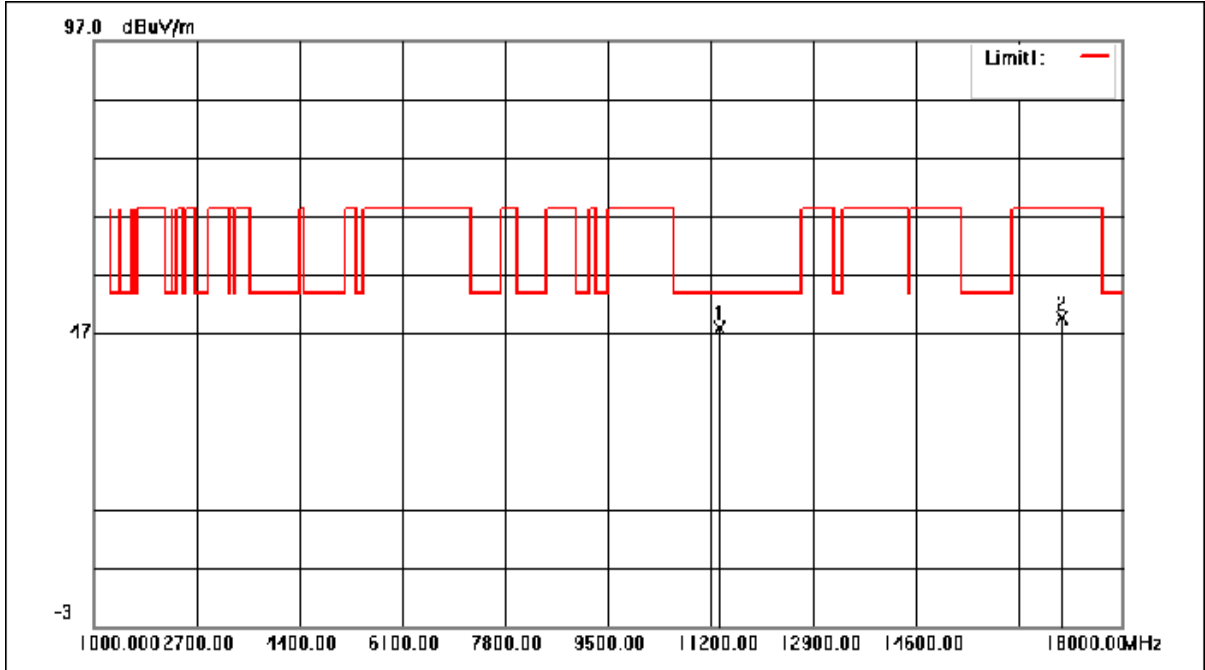
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	49.71	-1.88	47.83	54.00	-6.17	peak
2	17010.000	49.64	-0.01	49.63	68.30	-18.67	peak



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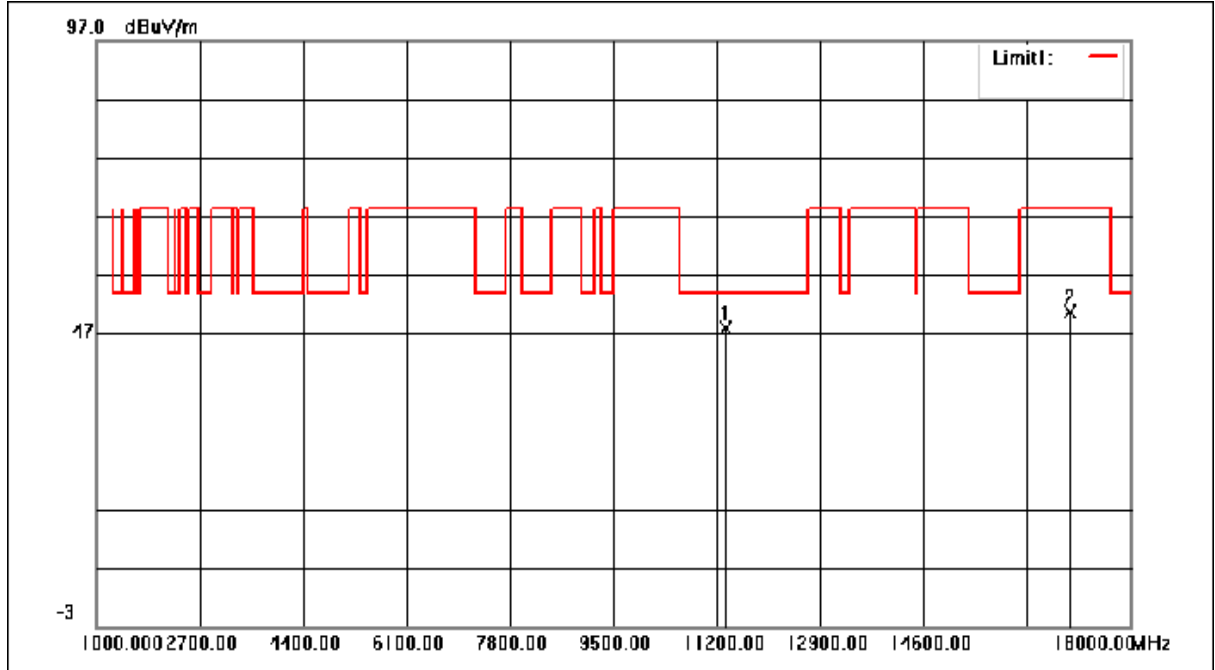
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	49.74	-1.88	47.86	54.00	-6.14	peak
2	17010.000	50.74	-0.01	50.73	68.30	-17.57	peak



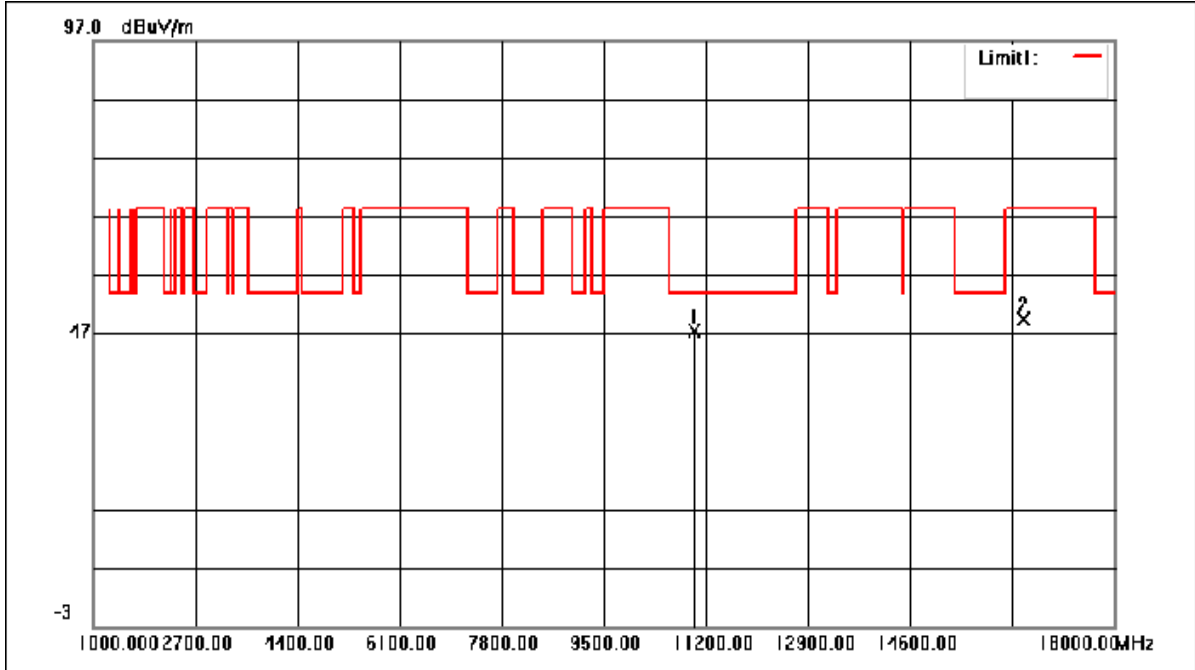
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	48.55	-1.07	47.48	54.00	-6.52	peak
2	16500.000	49.10	0.28	49.38	68.30	-18.92	peak



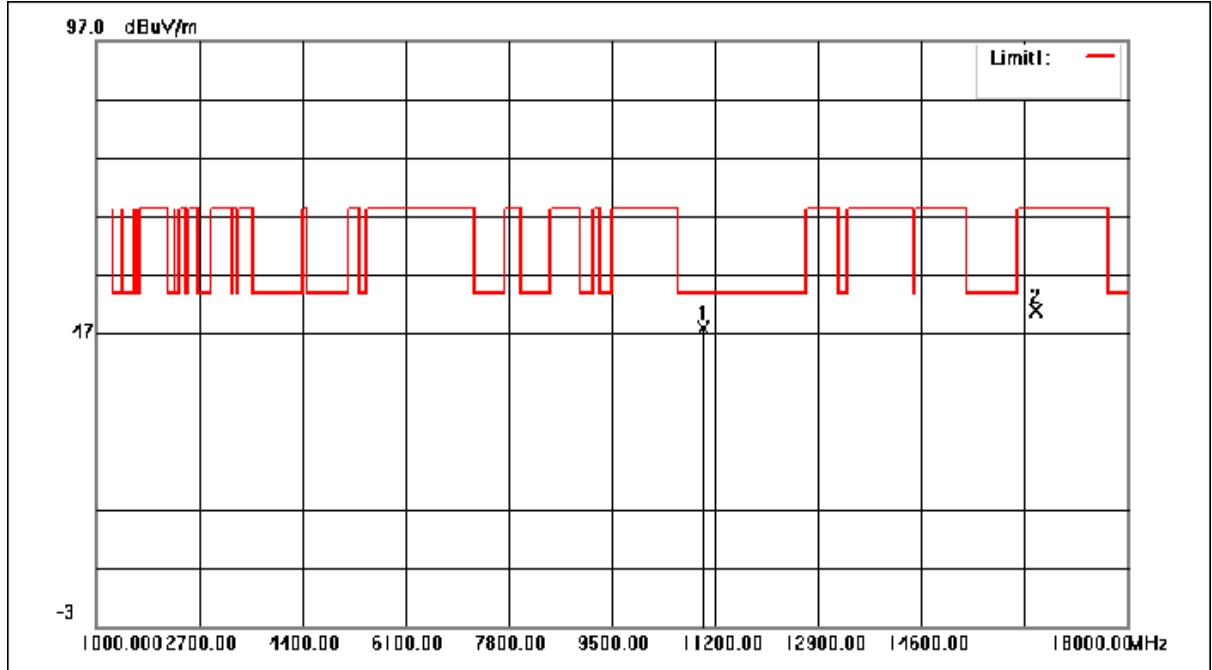
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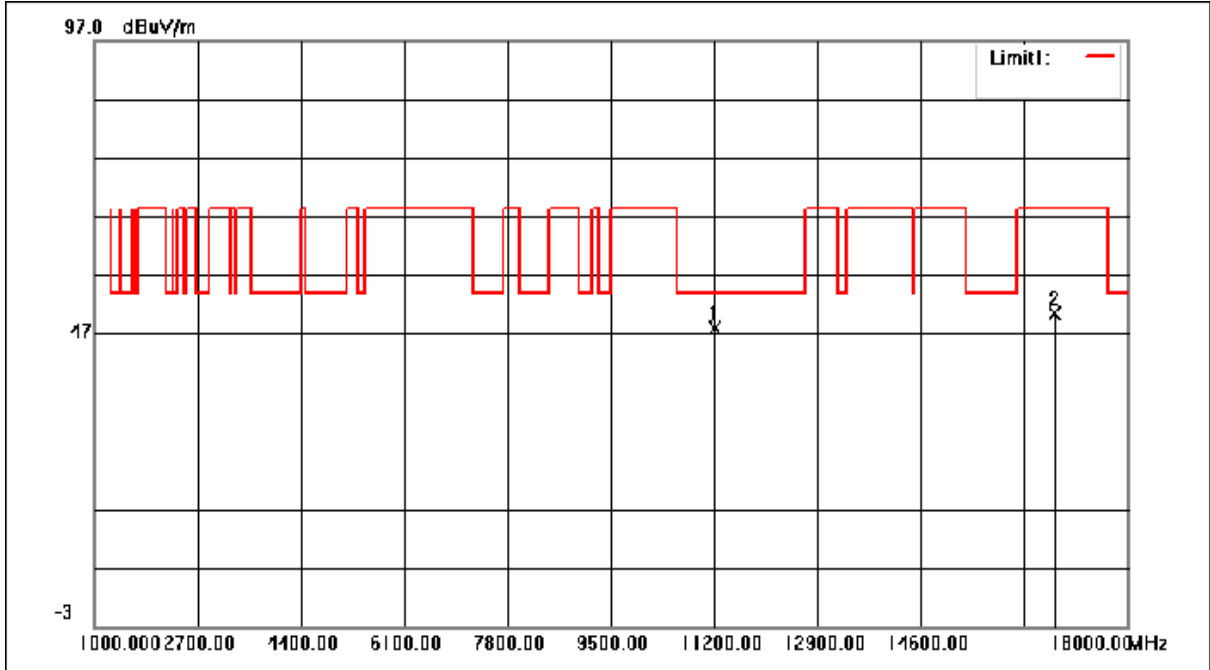
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11000.000	48.90	-1.07	47.83	54.00	-6.17	peak
2	16500.000	50.69	0.28	50.97	68.30	-17.33	peak



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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	11200.000	49.38	-1.55	47.83	54.00	-6.17	peak
2	16800.000	50.38	0.11	50.49	68.30	-17.81	peak



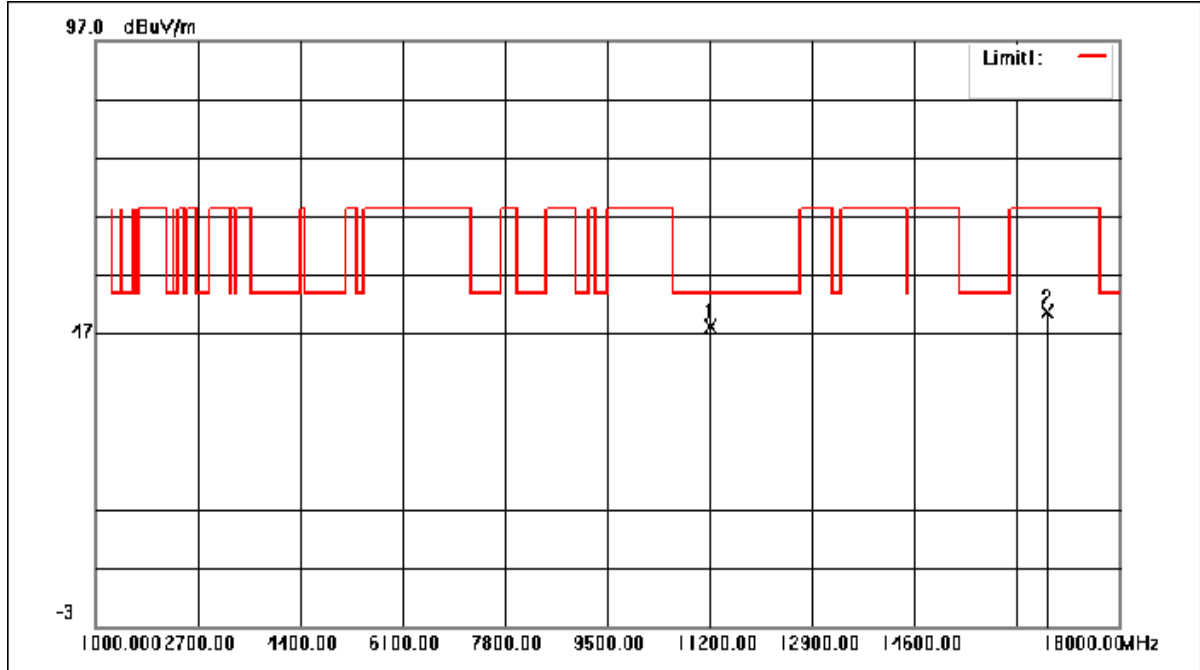
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11200.000	49.61	-1.55	48.06	54.00	-5.94	peak
2	16800.000	50.62	0.11	50.73	68.30	-17.57	peak



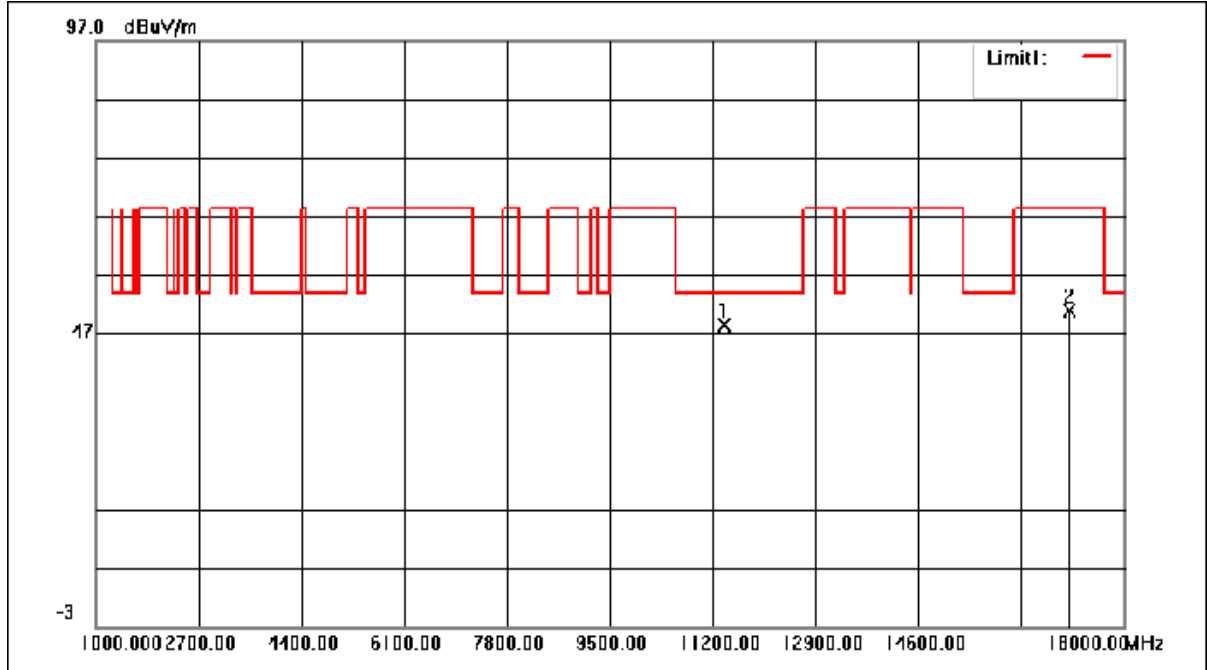
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	50.39	-2.02	48.37	54.00	-5.63	peak
2	17100.000	50.97	-0.08	50.89	68.30	-17.41	peak



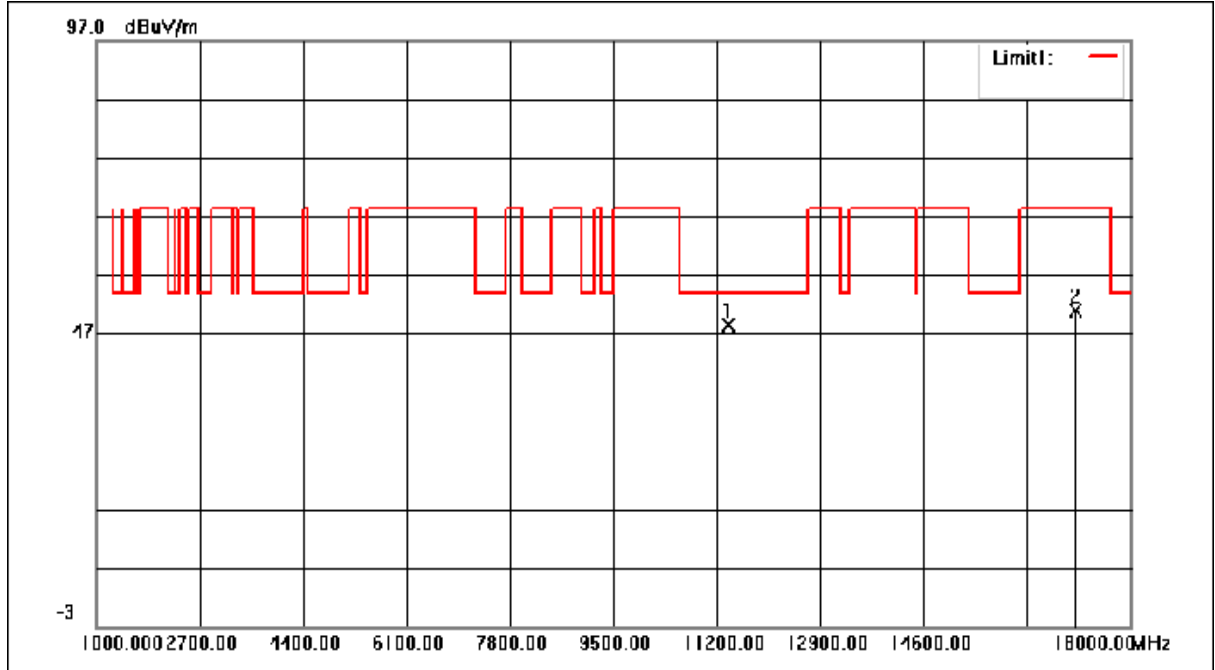
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11400.000	50.32	-2.02	48.30	54.00	-5.70	peak
2	17100.000	51.04	-0.08	50.96	68.30	-17.34	peak



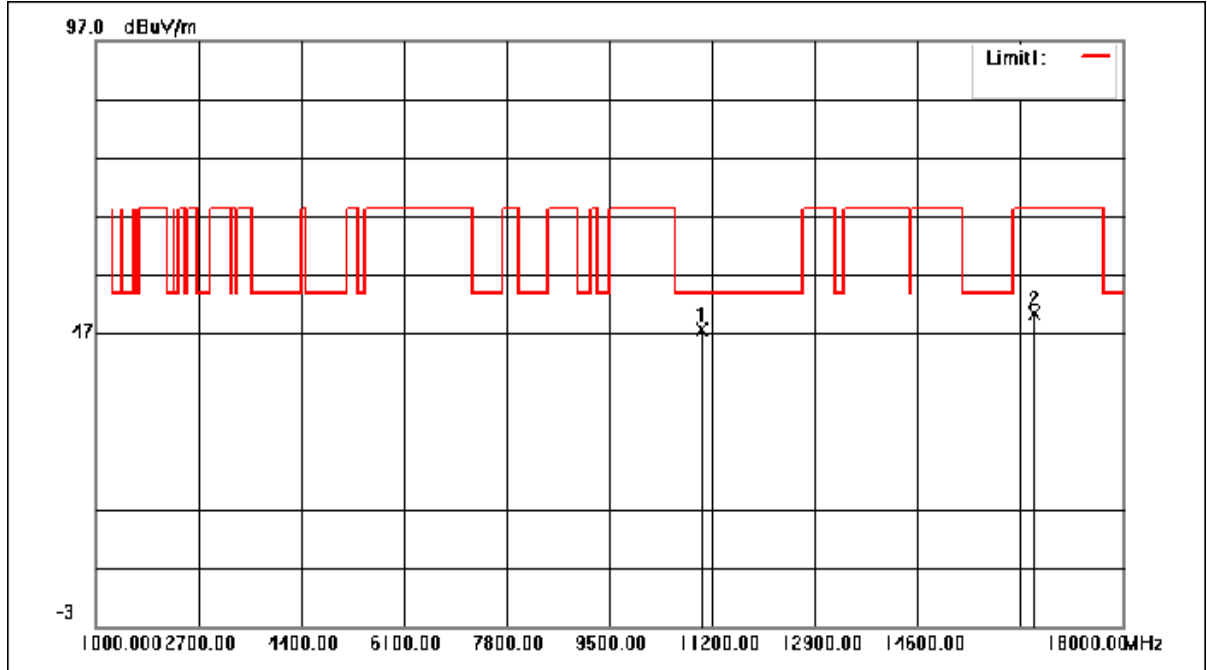
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	48.74	-1.12	47.62	54.00	-6.38	peak
2	16530.000	50.23	0.26	50.49	68.30	-17.81	peak



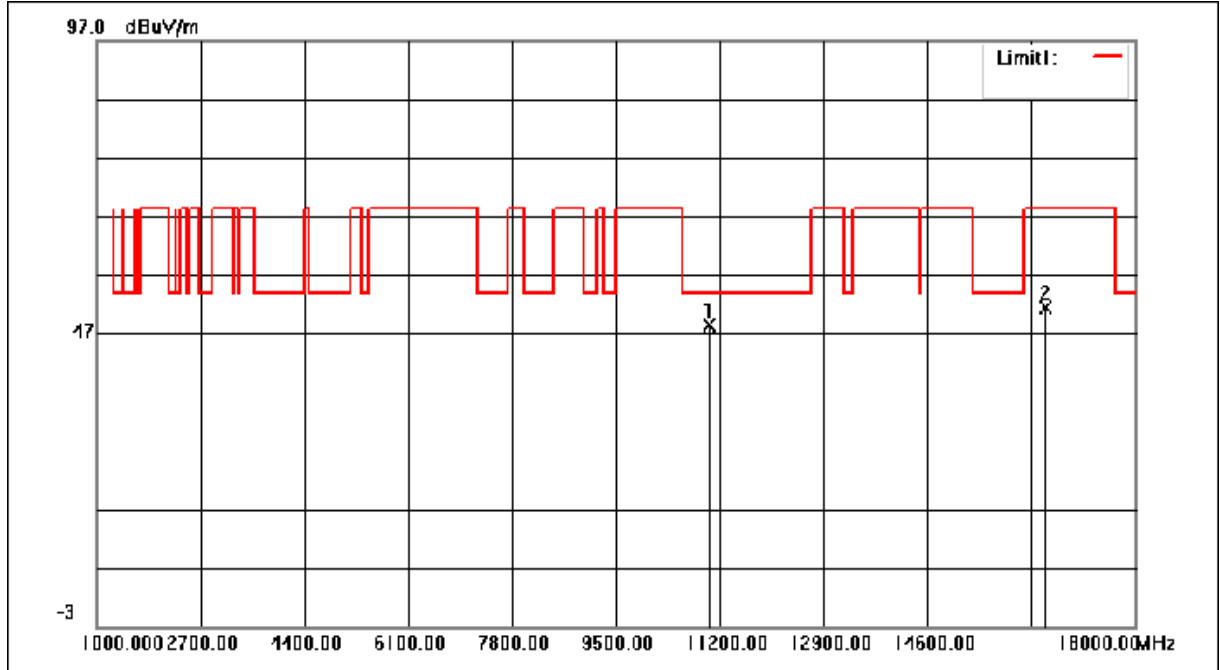
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11020.000	49.39	-1.12	48.27	54.00	-5.73	peak
2	16530.000	51.23	0.26	51.49	68.30	-16.81	peak



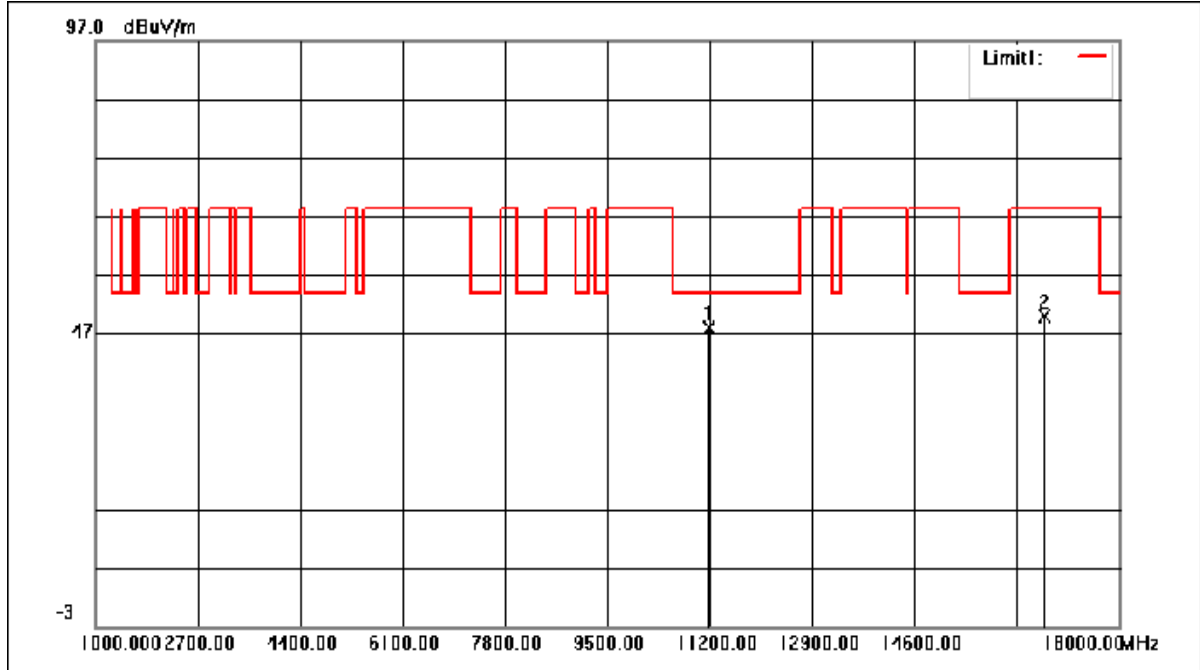
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	49.33	-1.50	47.83	54.00	-6.17	peak
2	16770.000	49.73	0.13	49.86	68.30	-18.44	peak



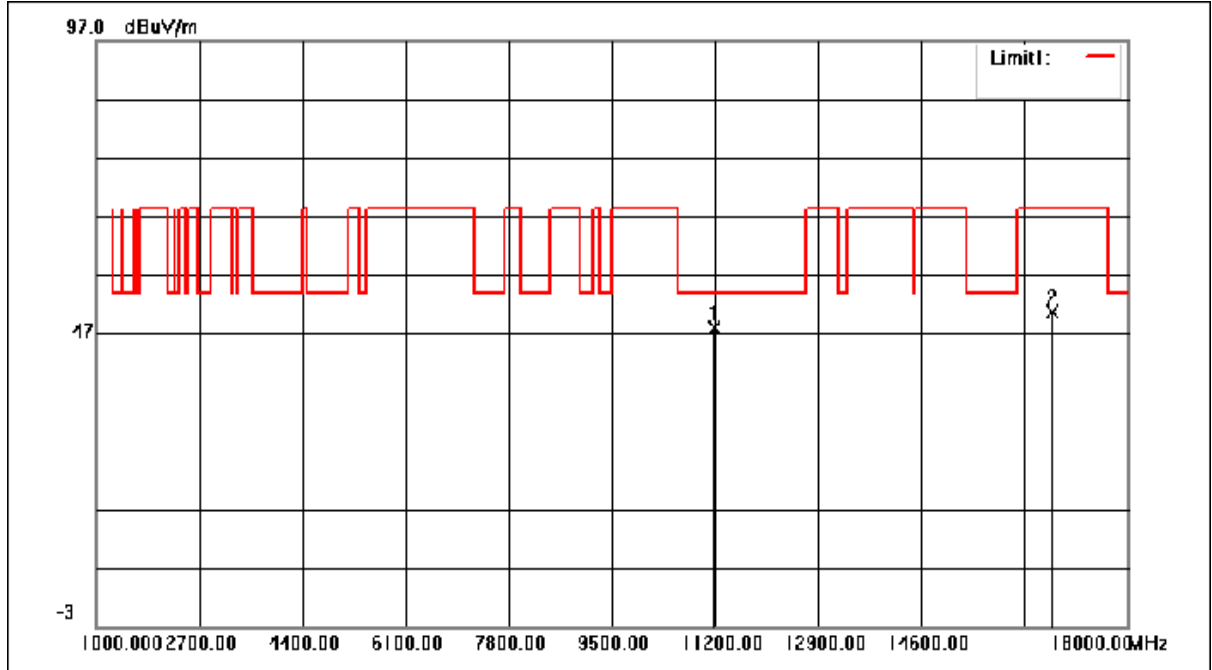
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11180.000	49.30	-1.50	47.80	54.00	-6.20	peak
2	16770.000	50.60	0.13	50.73	68.30	-17.57	peak



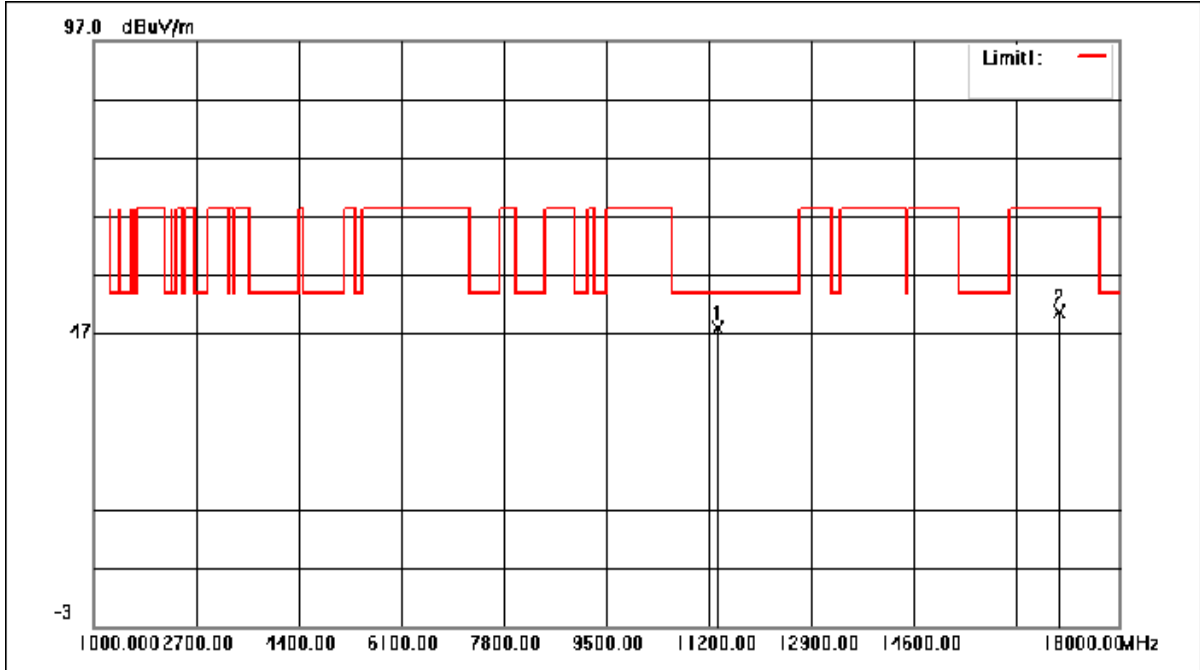
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	49.71	-1.88	47.83	54.00	-6.17	peak
2	17010.000	50.72	-0.01	50.71	68.30	-17.59	peak



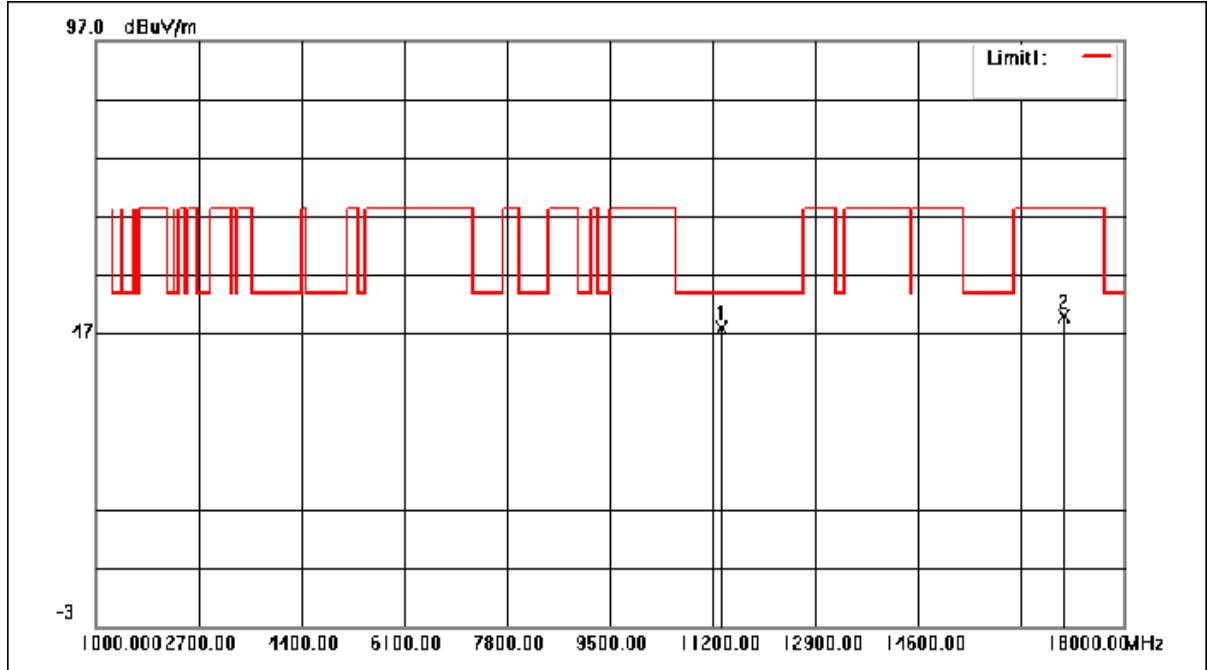
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11340.000	49.70	-1.88	47.82	54.00	-6.18	peak
2	17010.000	49.98	-0.01	49.97	68.30	-18.33	peak



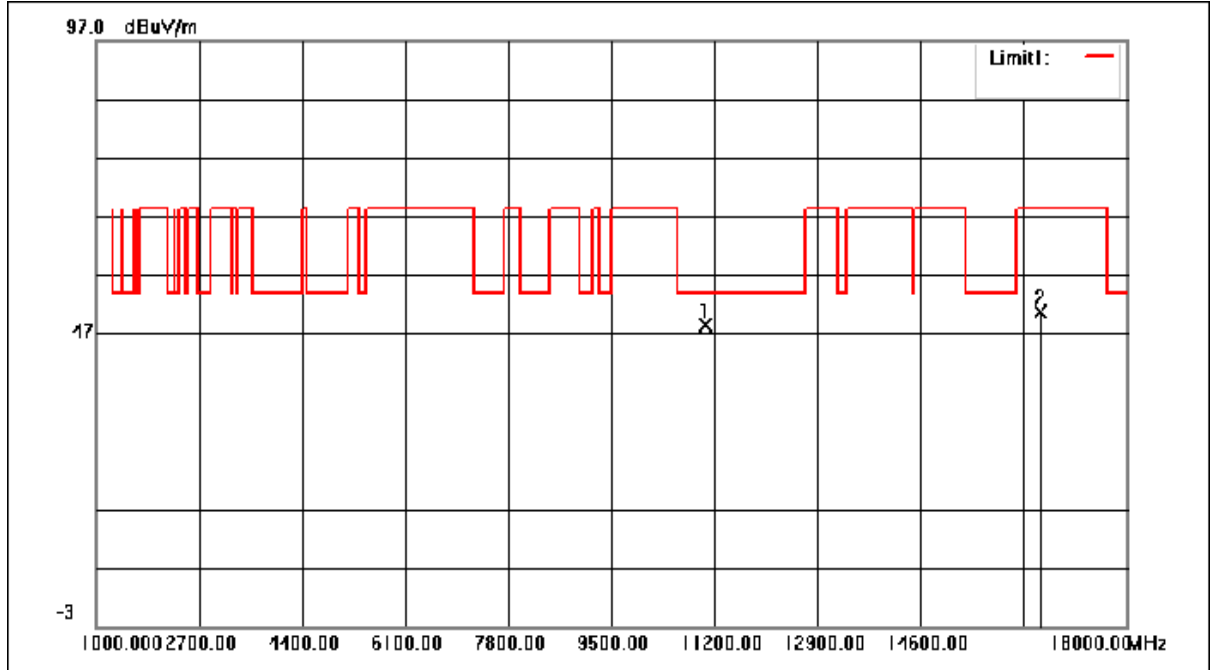
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	49.48	-1.21	48.27	54.00	-5.73	peak
2	16590.000	50.50	0.23	50.73	68.30	-17.57	peak



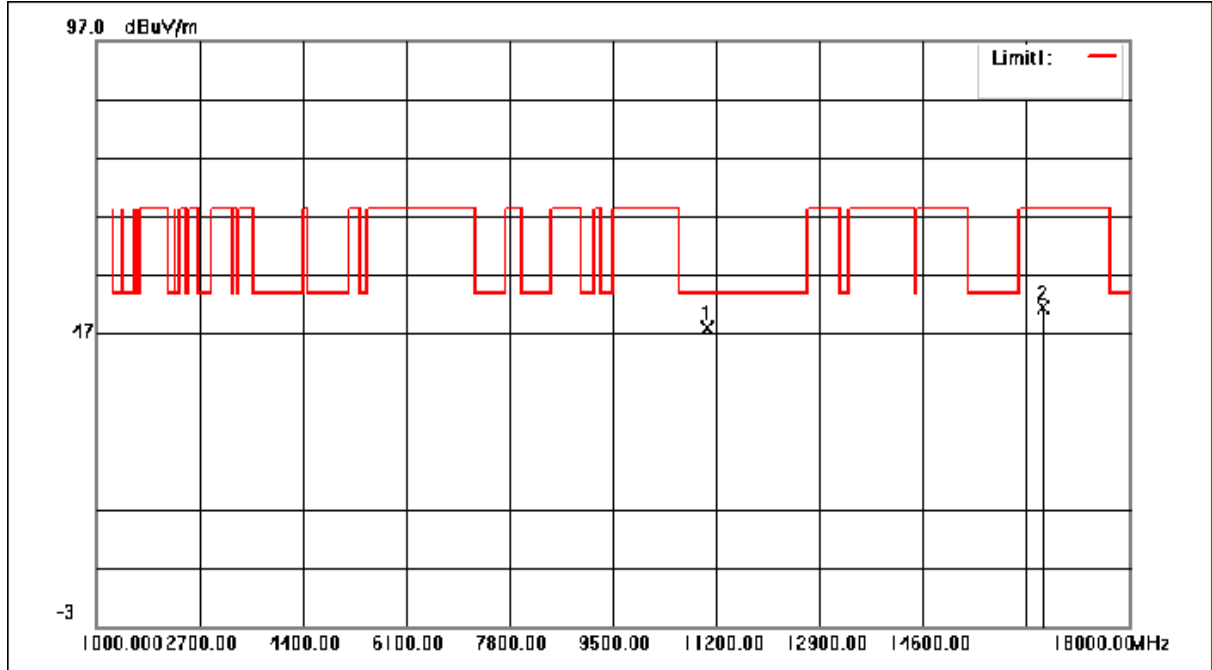
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11060.000	49.04	-1.21	47.83	54.00	-6.17	peak
2	16590.000	51.20	0.23	51.43	68.30	-16.87	peak



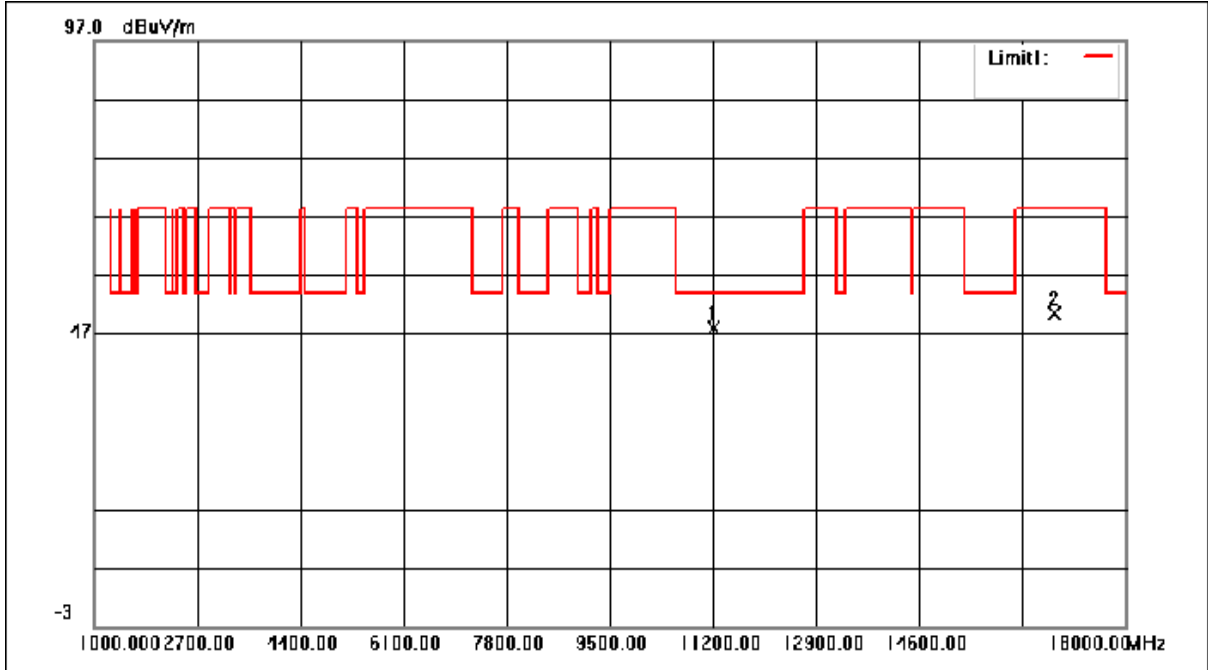
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	49.42	-1.59	47.83	54.00	-6.17	peak
2	16830.000	50.39	0.10	50.49	68.30	-17.81	peak



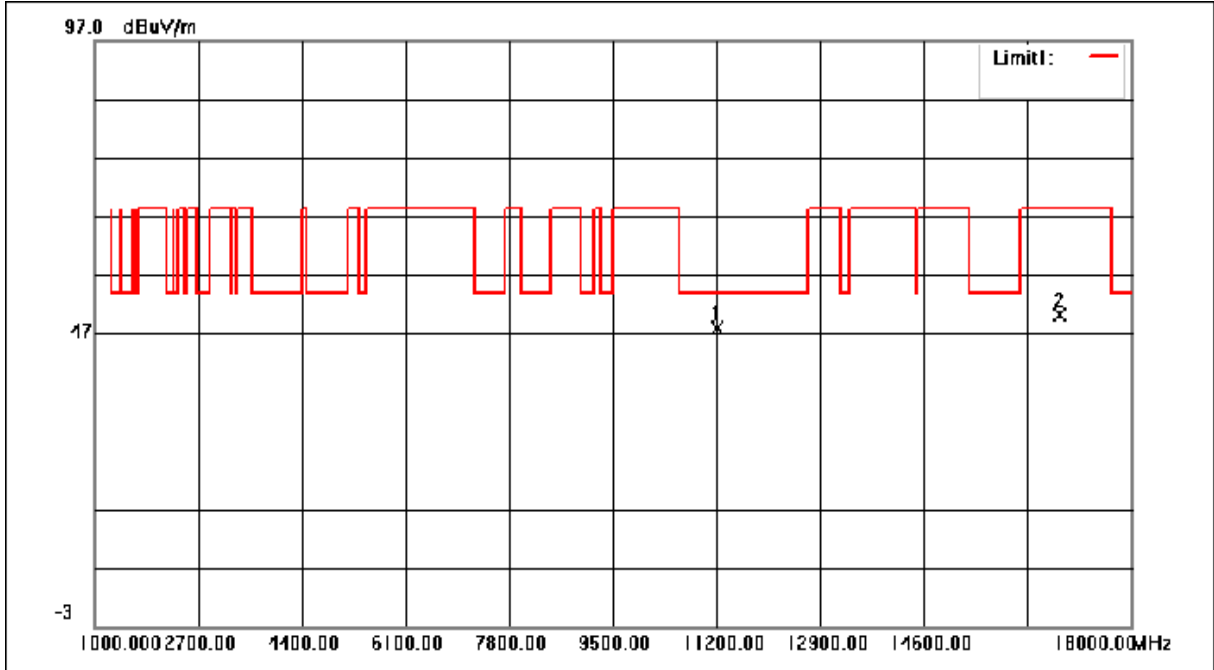
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11220.000	49.42	-1.59	47.83	54.00	-6.17	peak
2	16830.000	50.09	0.10	50.19	68.30	-18.11	peak



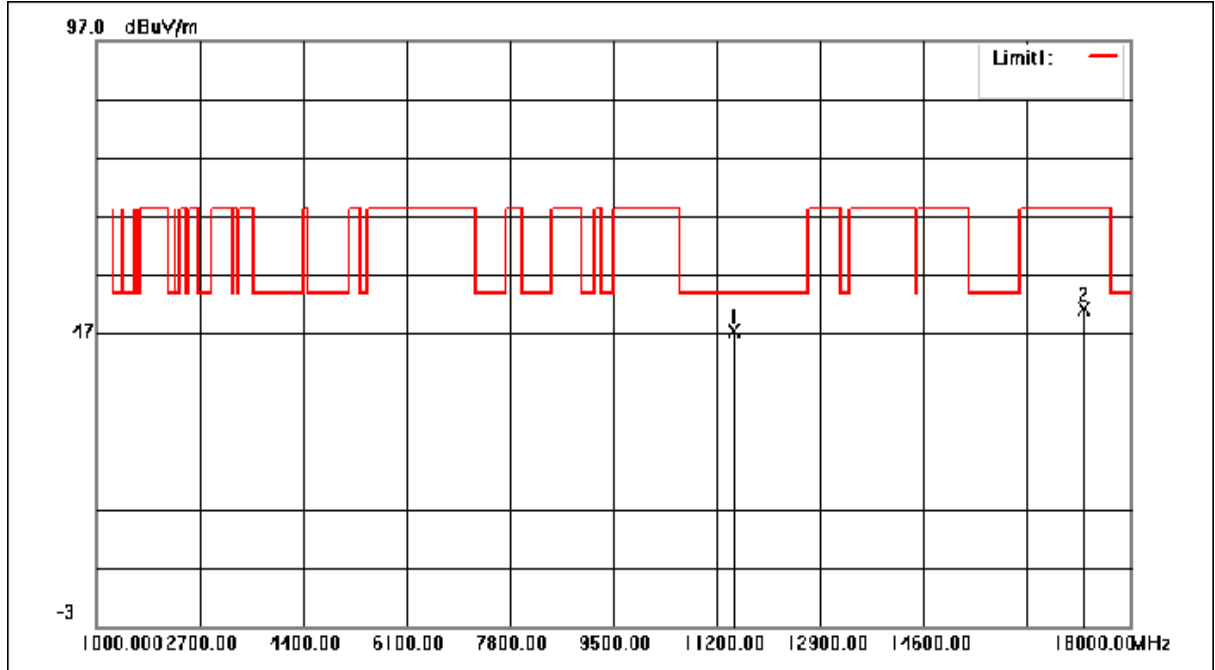
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Mode:i; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.52	-2.24	47.28	54.00	-6.72	peak
2	17235.000	51.27	-0.19	51.08	68.30	-17.22	peak



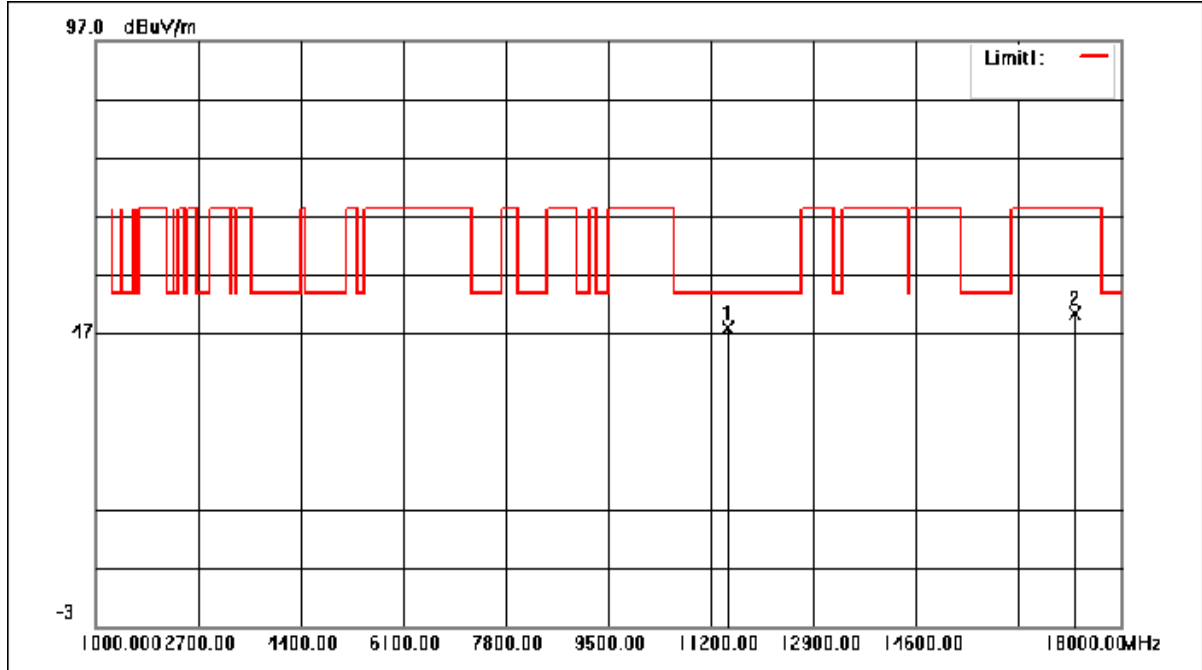
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Mode:i; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.20	-2.24	47.96	54.00	-6.04	peak
2	17235.000	50.68	-0.19	50.49	68.30	-17.81	peak



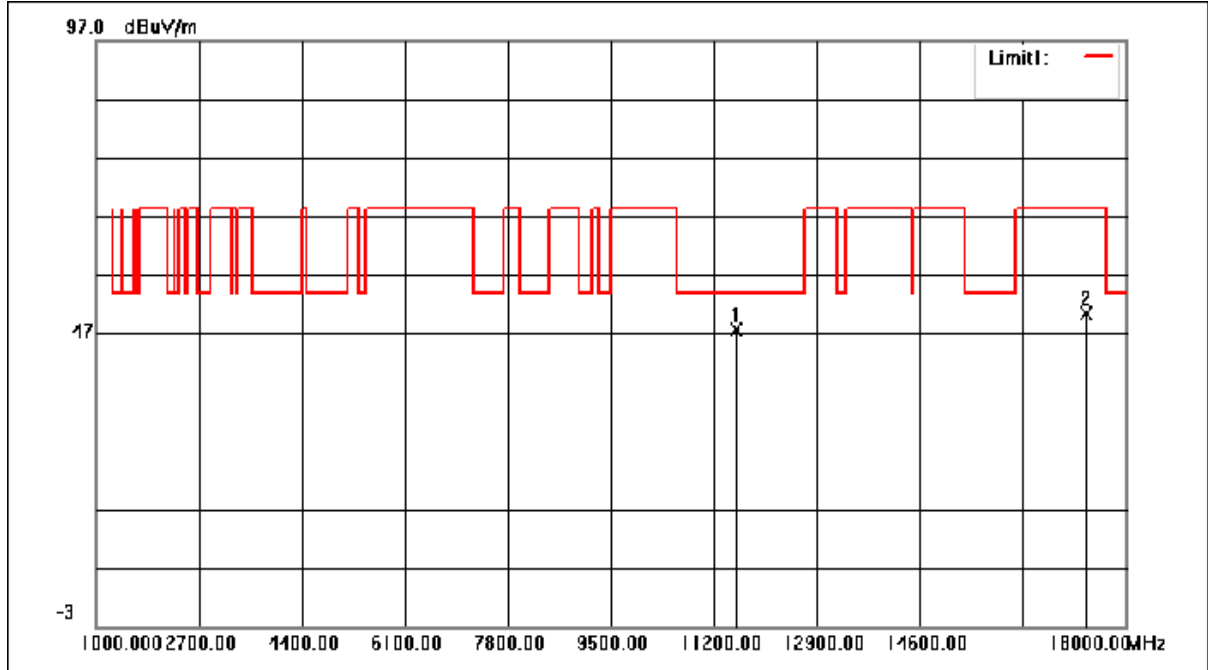
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Mode:i; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	49.91	-2.33	47.58	54.00	-6.42	peak
2	17355.000	50.57	-0.29	50.28	68.30	-18.02	peak



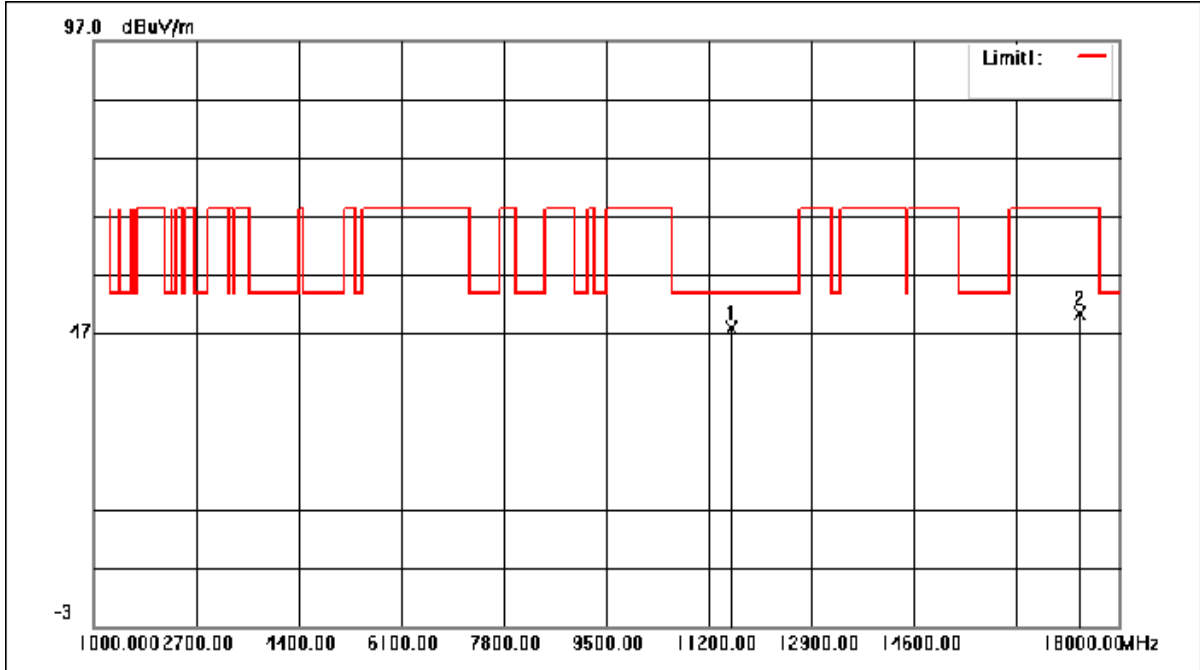
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Mode:i; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.19	-2.33	47.86	54.00	-6.14	peak
2	17355.000	50.66	-0.29	50.37	68.30	-17.93	peak



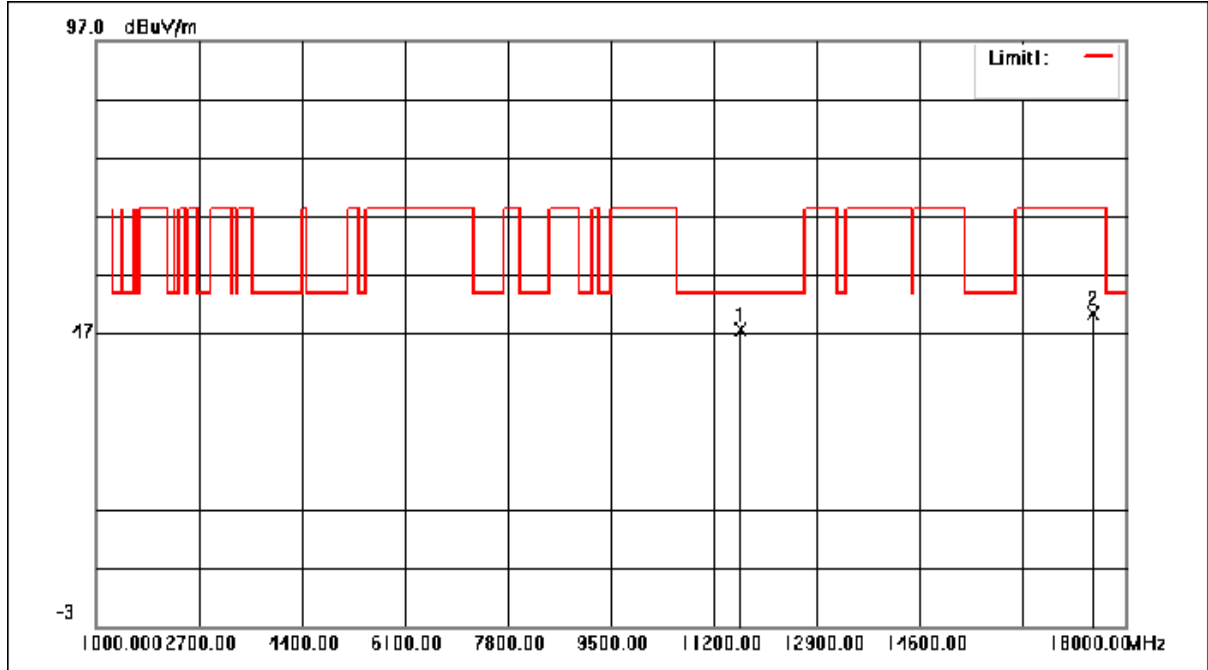
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Mode:i; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



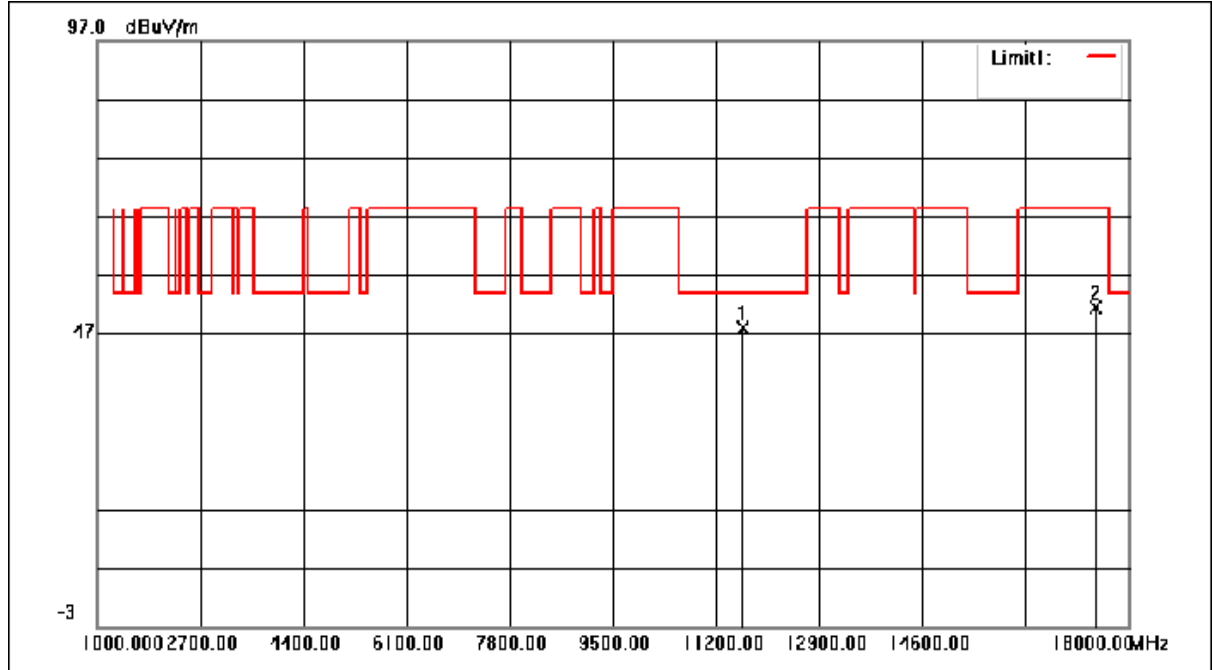
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.08	-2.40	47.68	54.00	-6.32	peak
2	17475.000	50.76	-0.39	50.37	68.30	-17.93	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.26	-2.40	47.86	54.00	-6.14	peak
2	17475.000	51.66	-0.39	51.27	68.30	-17.03	peak



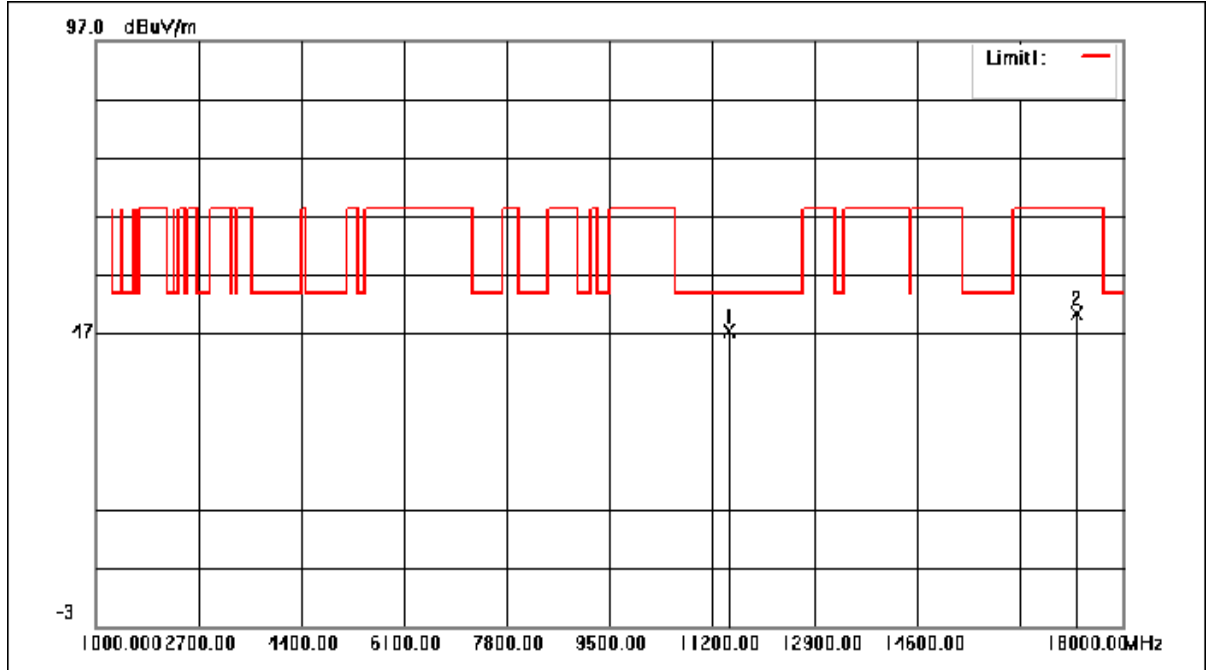
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Mode:i; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.62	-2.24	47.38	54.00	-6.62	peak
2	17235.000	50.68	-0.19	50.49	68.30	-17.81	peak



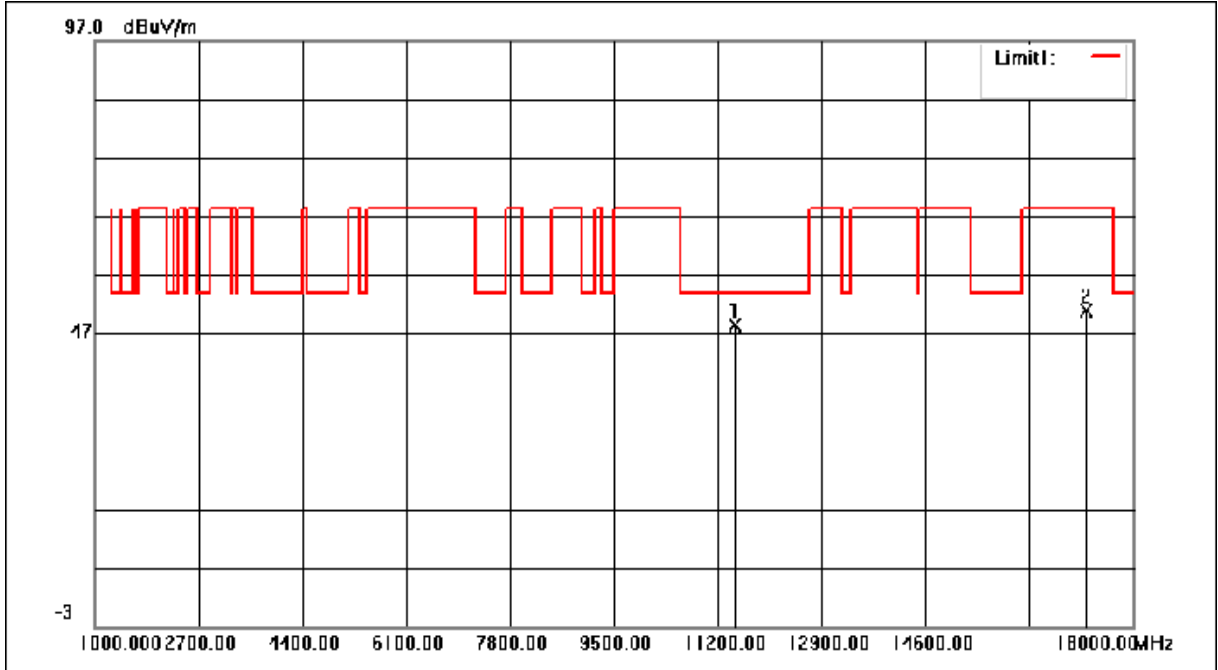
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	50.51	-2.24	48.27	54.00	-5.73	peak
2	17235.000	51.16	-0.19	50.97	68.30	-17.33	peak



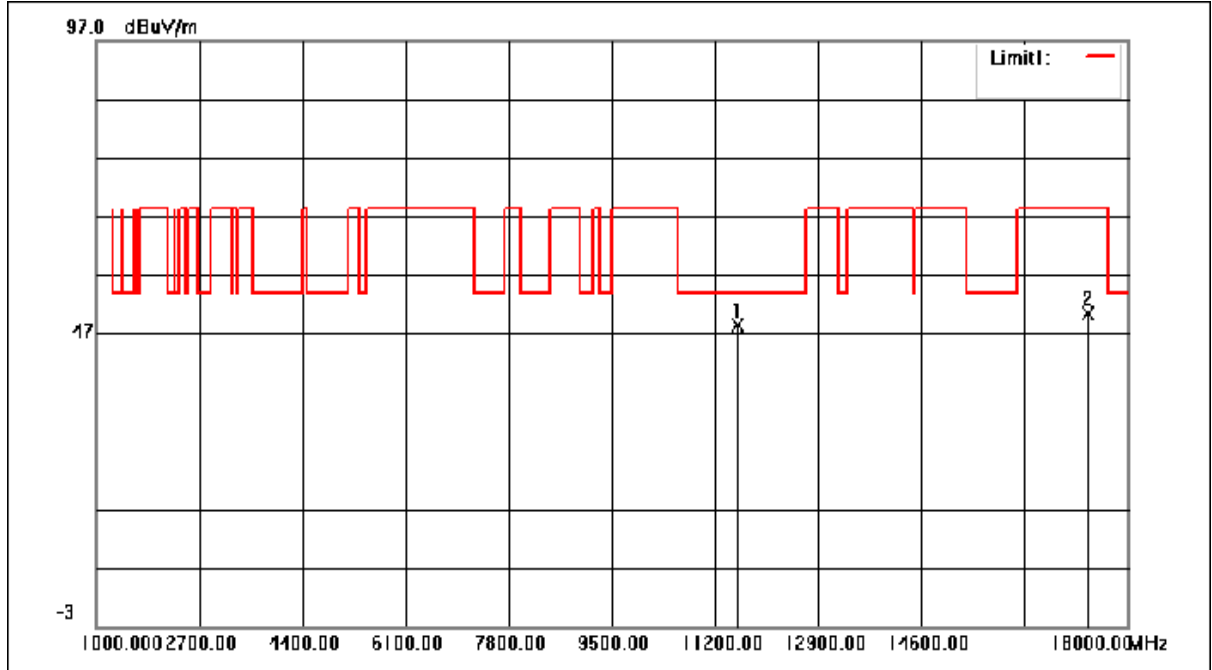
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Mode:i; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.70	-2.33	48.37	54.00	-5.63	peak
2	17355.000	50.57	-0.29	50.28	68.30	-18.02	peak



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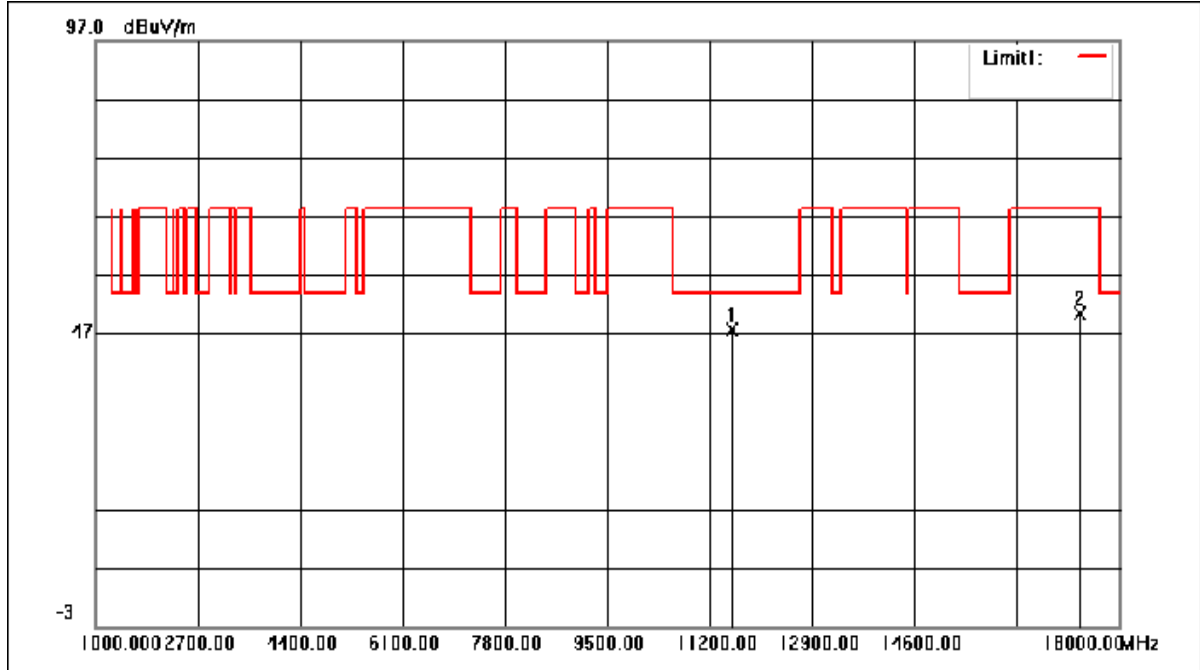
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	50.01	-2.33	47.68	54.00	-6.32	peak
2	17355.000	50.68	-0.29	50.39	68.30	-17.91	peak



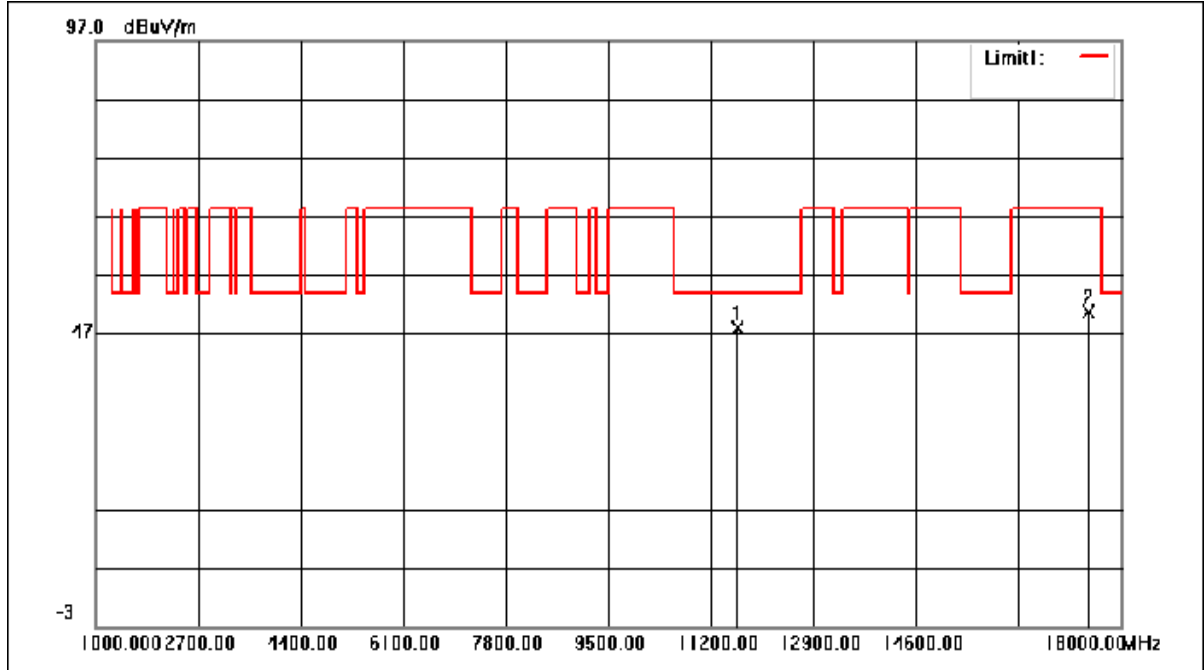
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Mode:i; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.26	-2.40	47.86	54.00	-6.14	peak
2	17475.000	51.12	-0.39	50.73	68.30	-17.57	peak



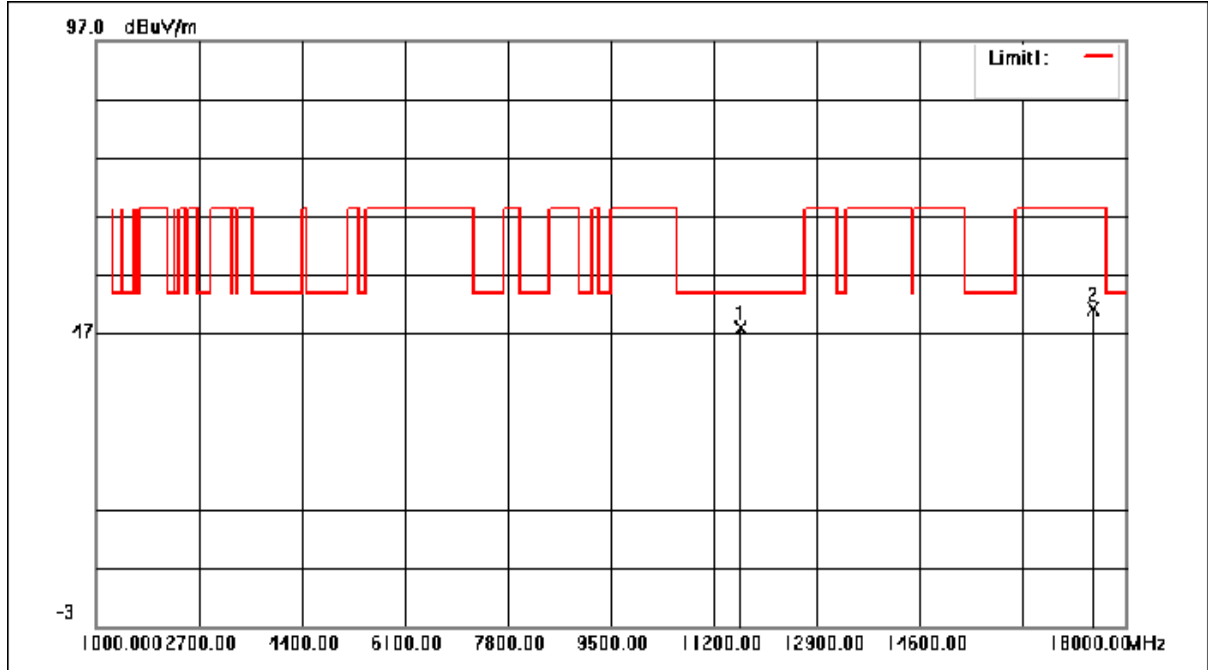
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



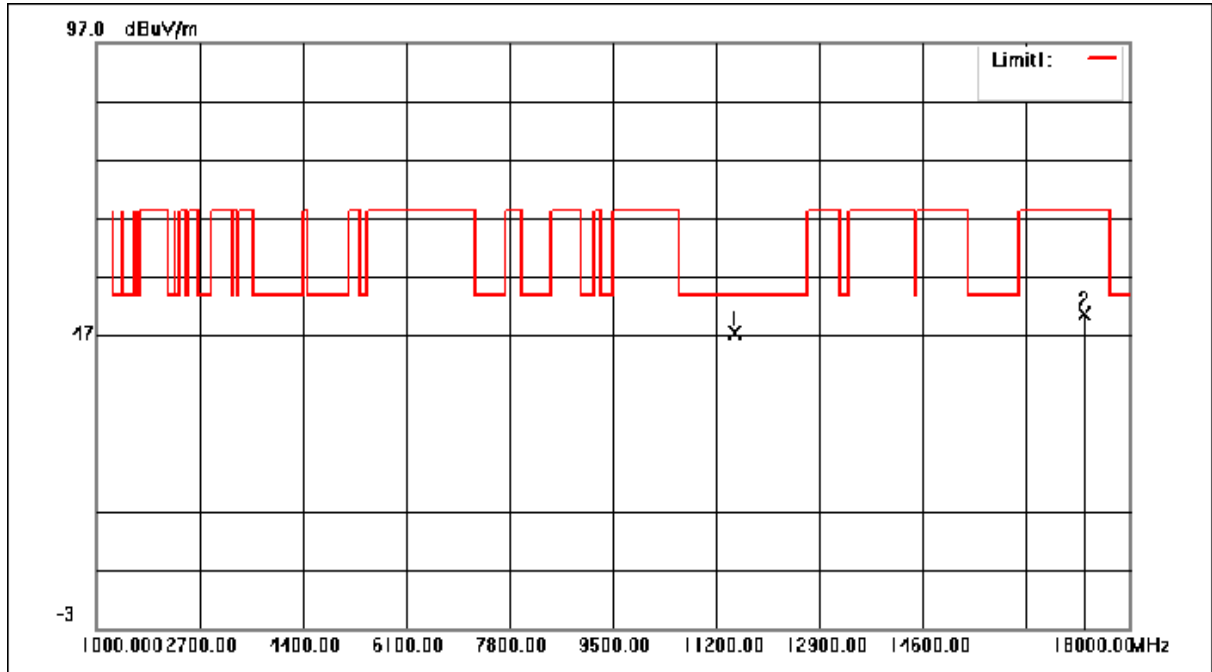
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.23	-2.40	47.83	54.00	-6.17	peak
2	17475.000	51.46	-0.39	51.07	68.30	-17.23	peak



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



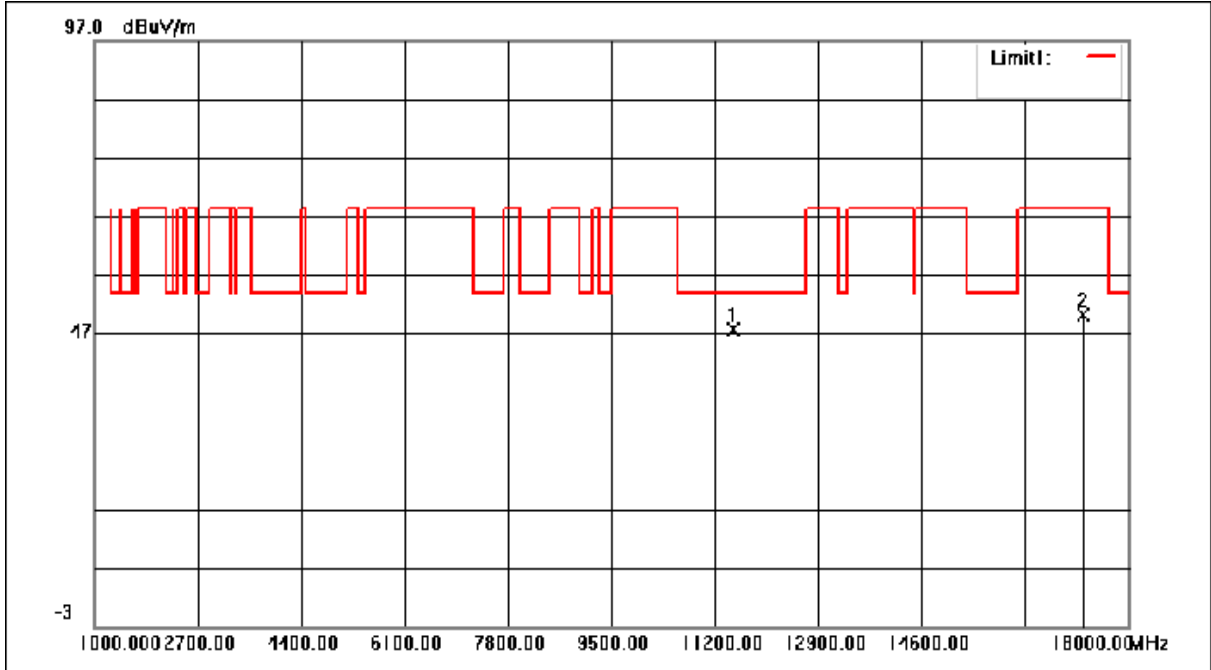
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	49.56	-2.27	47.29	54.00	-6.71	peak
2	17265.000	50.75	-0.22	50.53	68.30	-17.77	peak



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



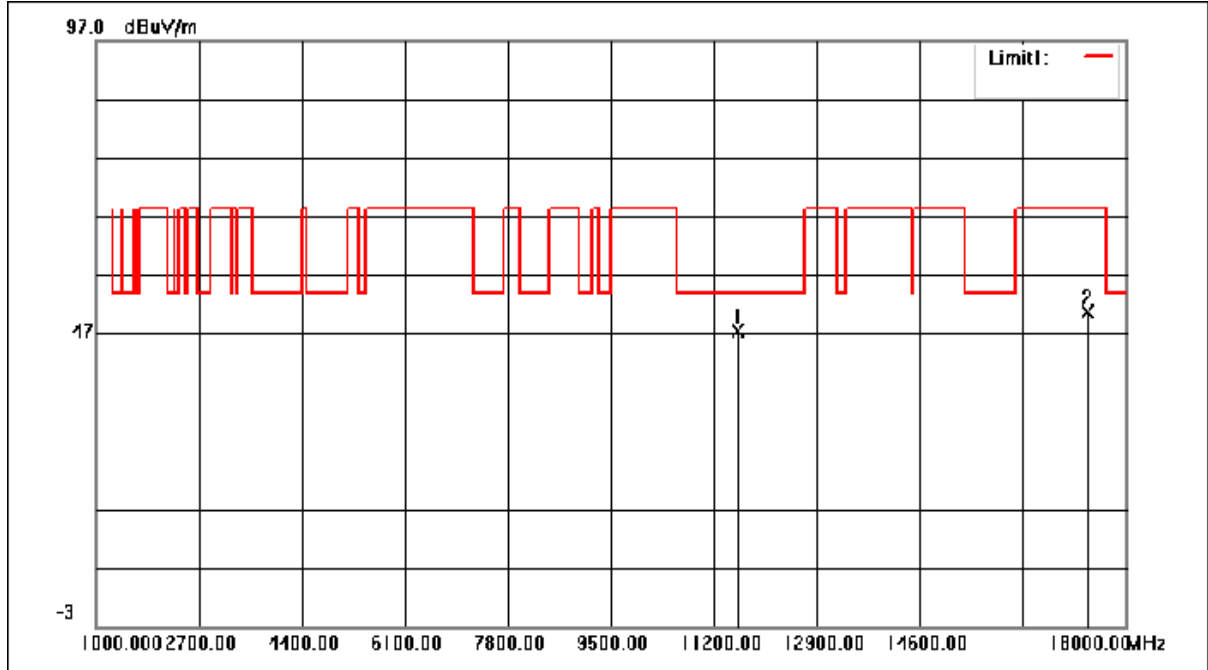
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	50.00	-2.27	47.73	54.00	-6.27	peak
2	17265.000	50.27	-0.22	50.05	68.30	-18.25	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	49.72	-2.34	47.38	54.00	-6.62	peak
2	17385.000	51.05	-0.32	50.73	68.30	-17.57	peak



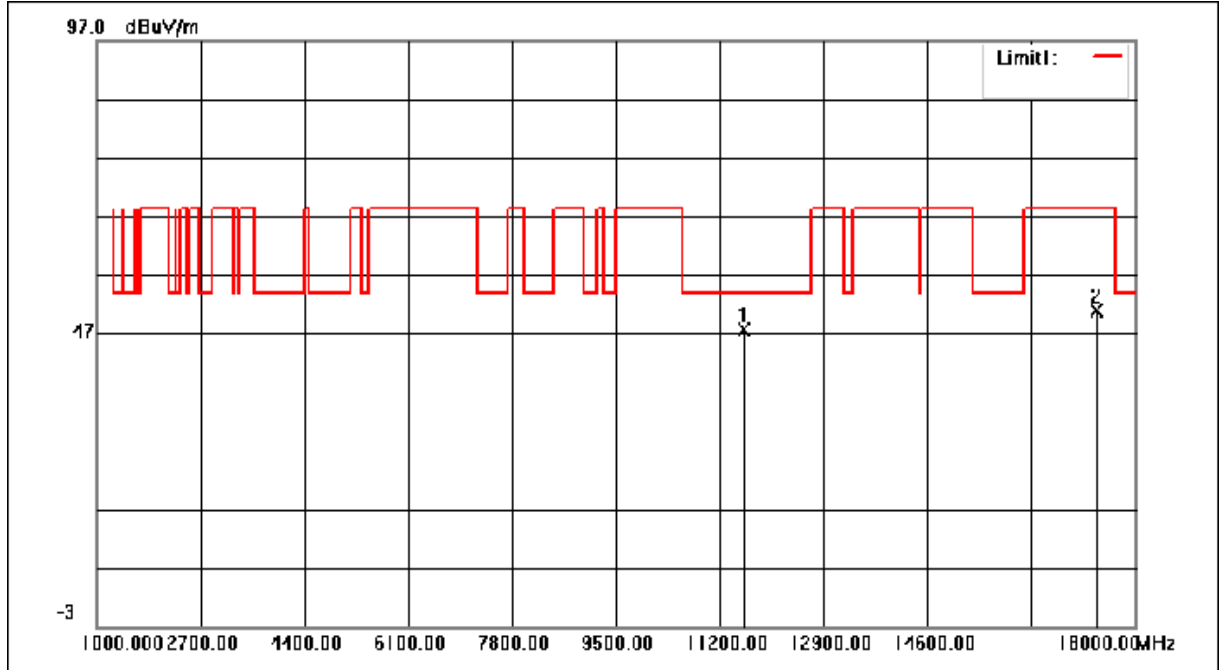
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	49.92	-2.34	47.58	54.00	-6.42	peak
2	17385.000	51.26	-0.32	50.94	68.30	-17.36	peak



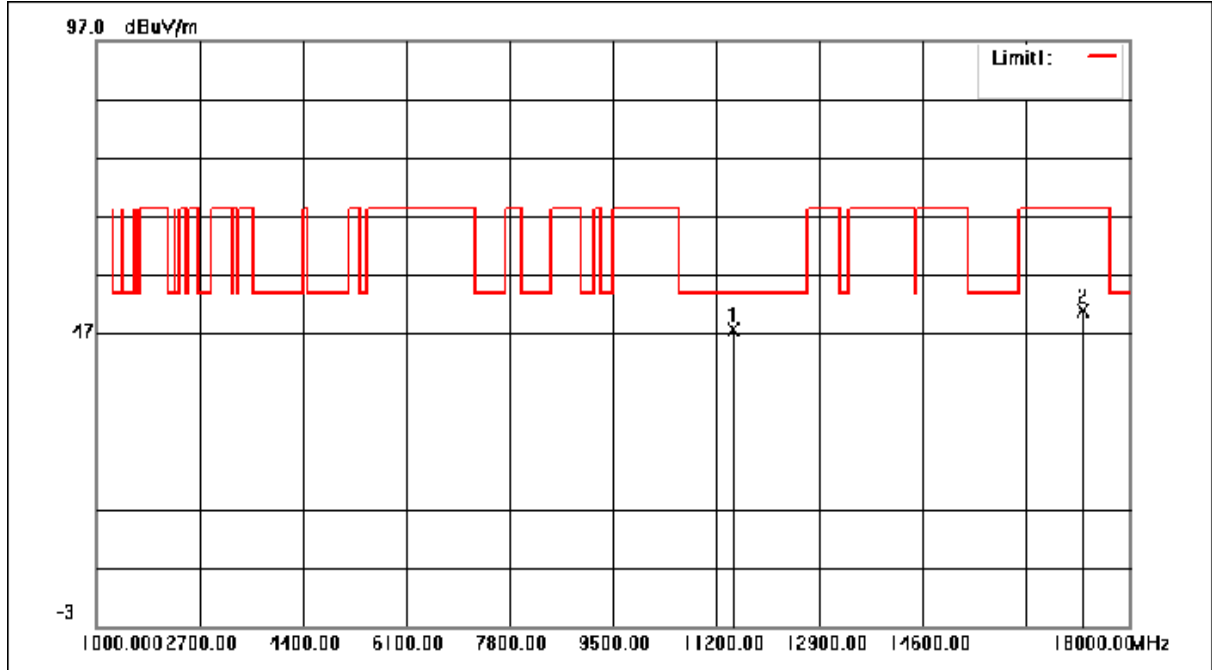
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.92	-2.24	47.68	54.00	-6.32	peak
2	17235.000	50.98	-0.19	50.79	68.30	-17.51	peak



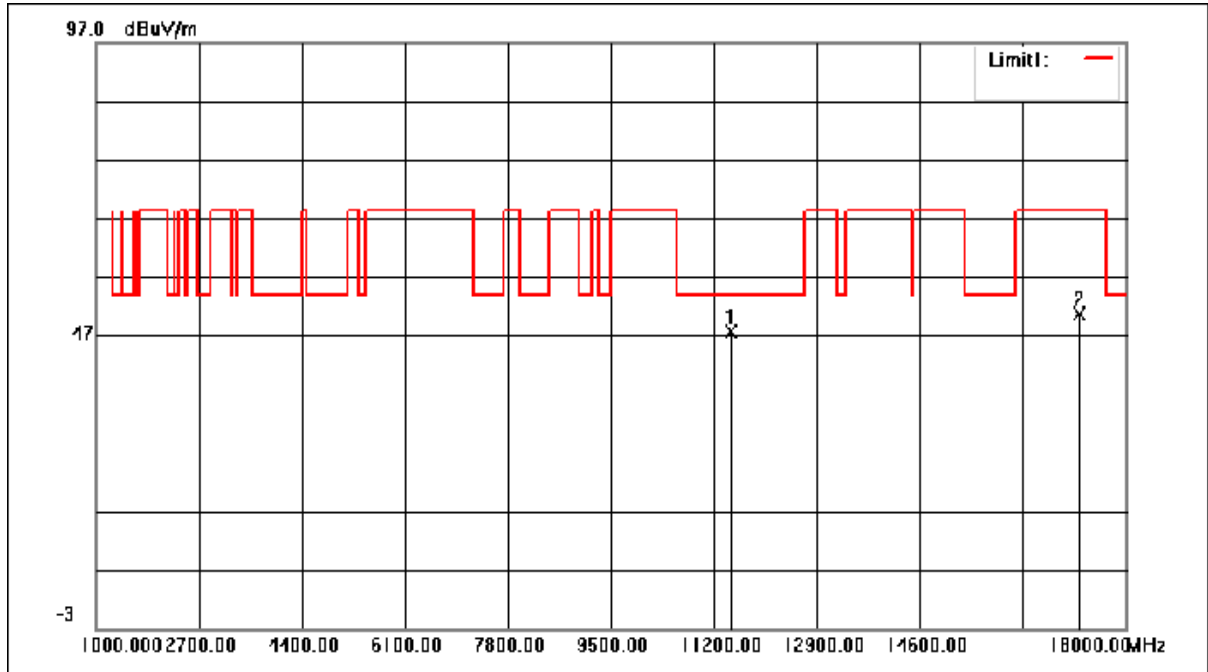
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11490.000	49.92	-2.24	47.68	54.00	-6.32	peak
2	17235.000	50.86	-0.19	50.67	68.30	-17.63	peak



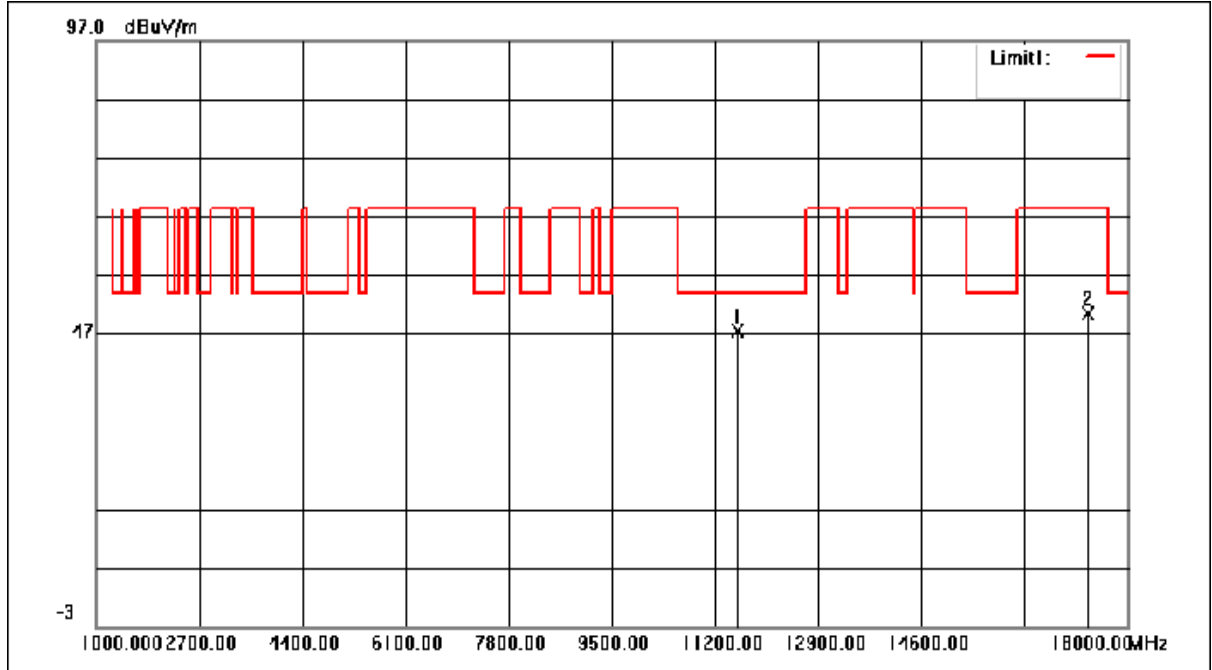
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:middle



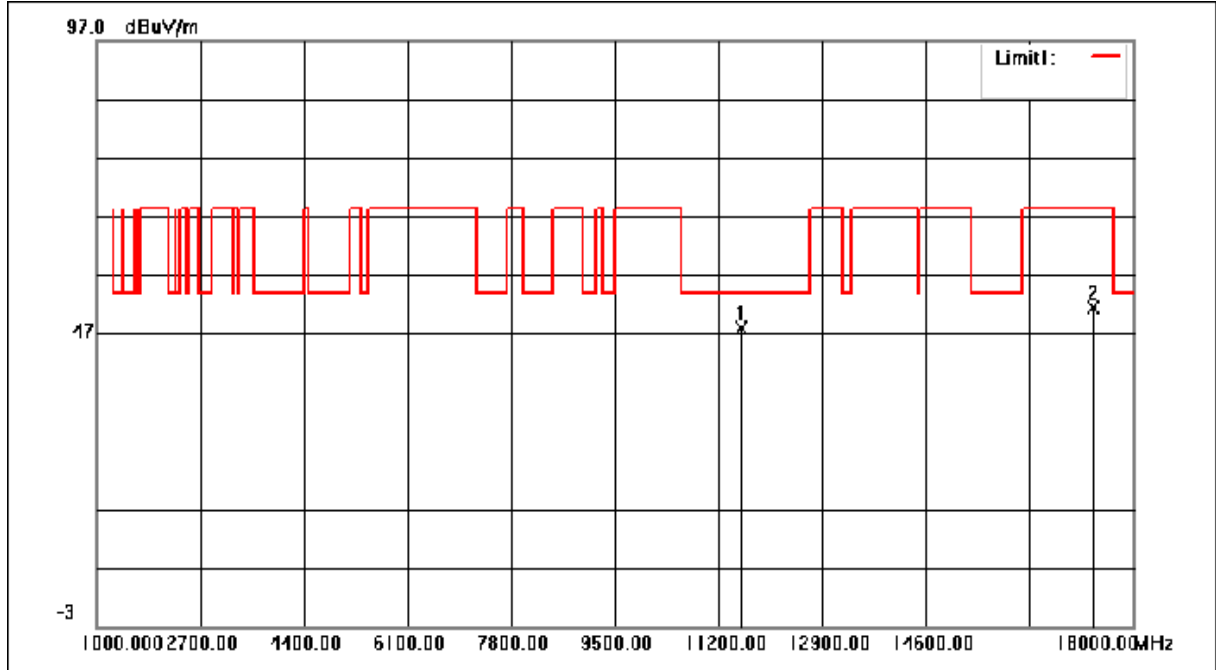
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11570.000	49.71	-2.33	47.38	54.00	-6.62	peak
2	17355.000	50.72	-0.29	50.43	68.30	-17.87	peak



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Mode:i; 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	50.16	-2.33	47.83	54.00	-6.17	peak
2	17355.000	51.78	-0.29	51.49	68.30	-16.81	peak



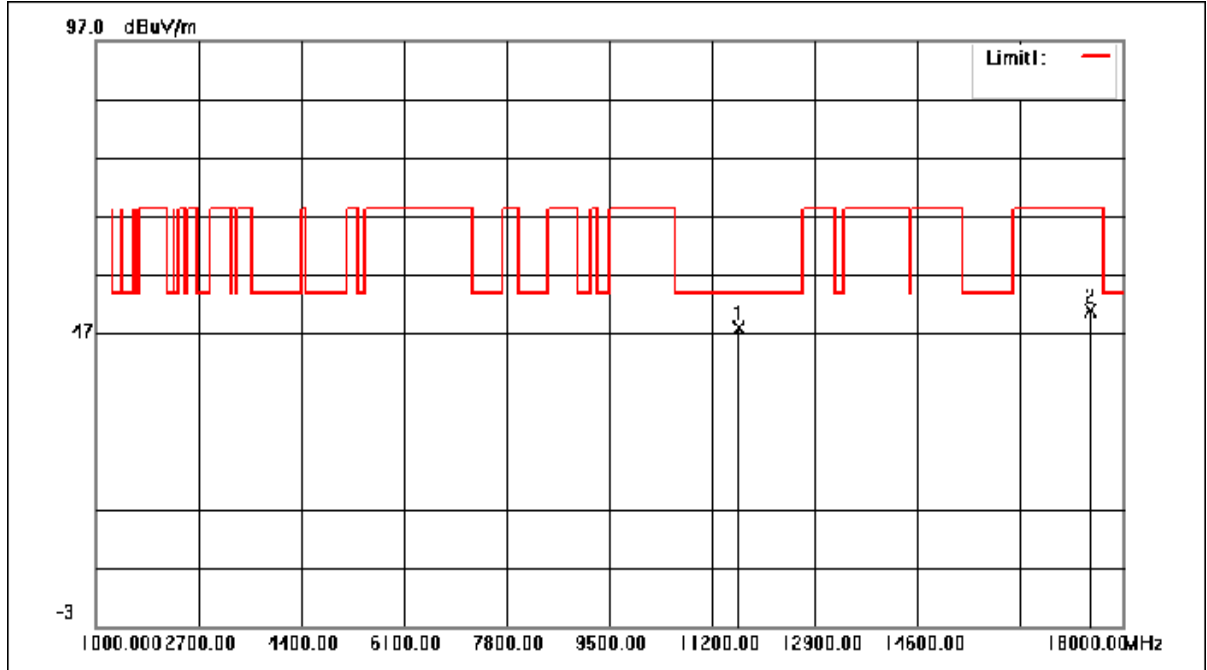
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.23	-2.40	47.83	54.00	-6.17	peak
2	17475.000	51.15	-0.39	50.76	68.30	-17.54	peak



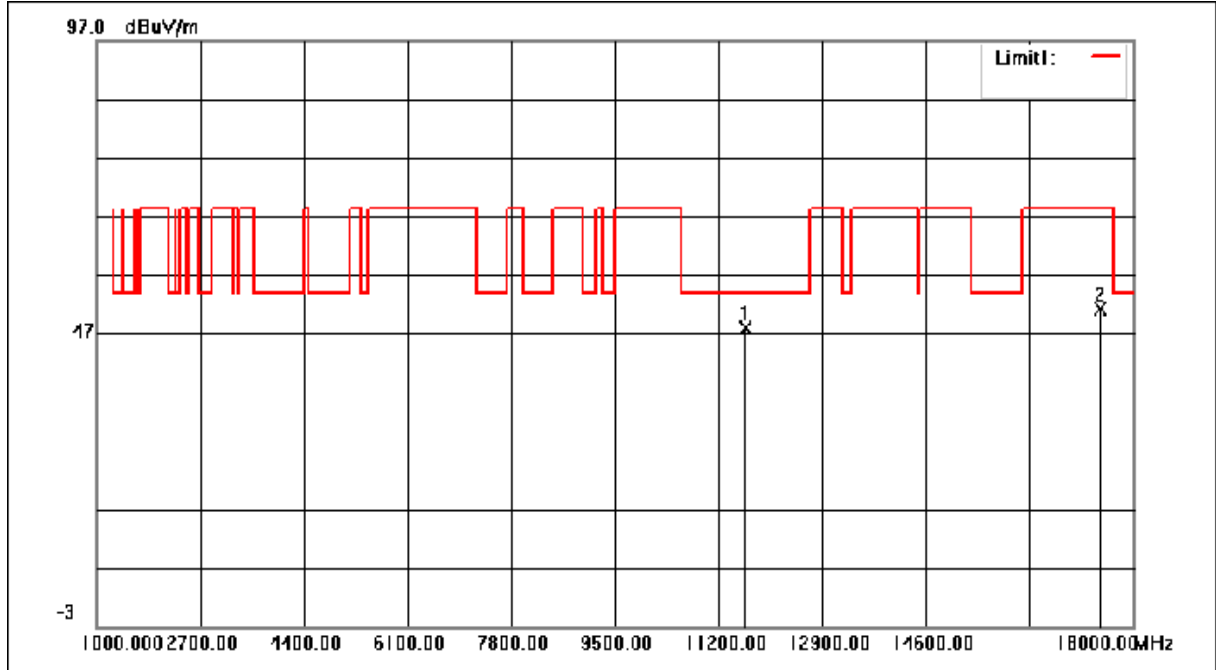
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11650.000	50.23	-2.40	47.83	54.00	-6.17	peak
2	17475.000	51.46	-0.39	51.07	68.30	-17.23	peak



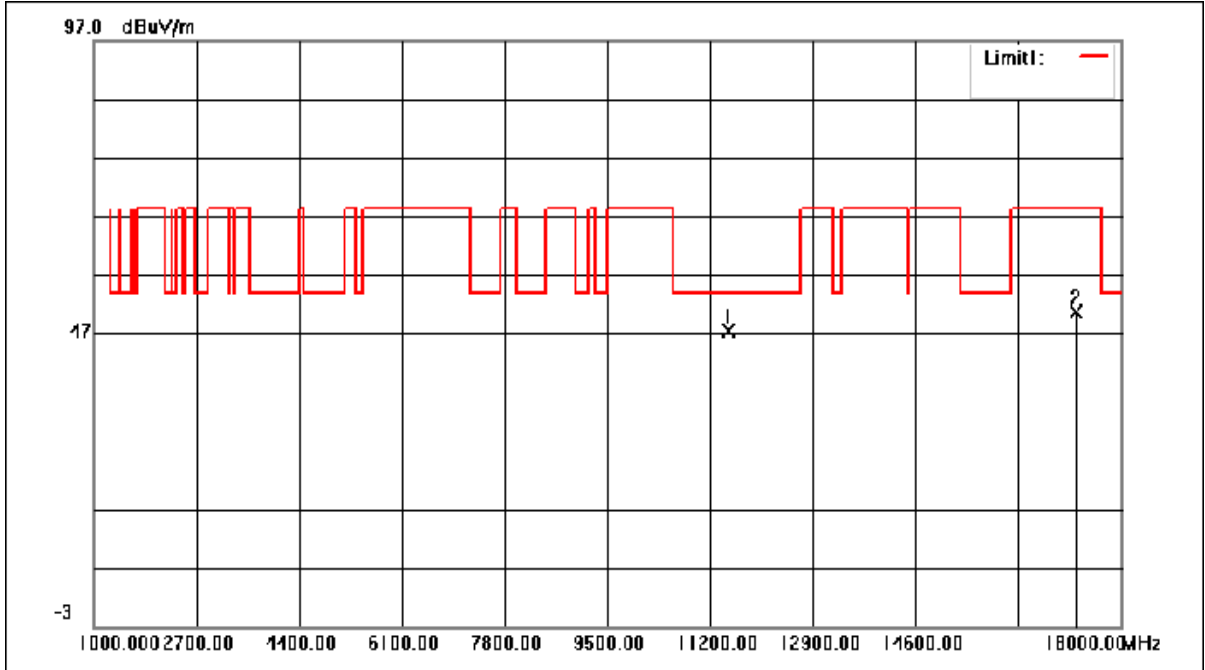
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	49.56	-2.27	47.29	54.00	-6.71	peak
2	17265.000	50.79	-0.22	50.57	68.30	-17.73	peak



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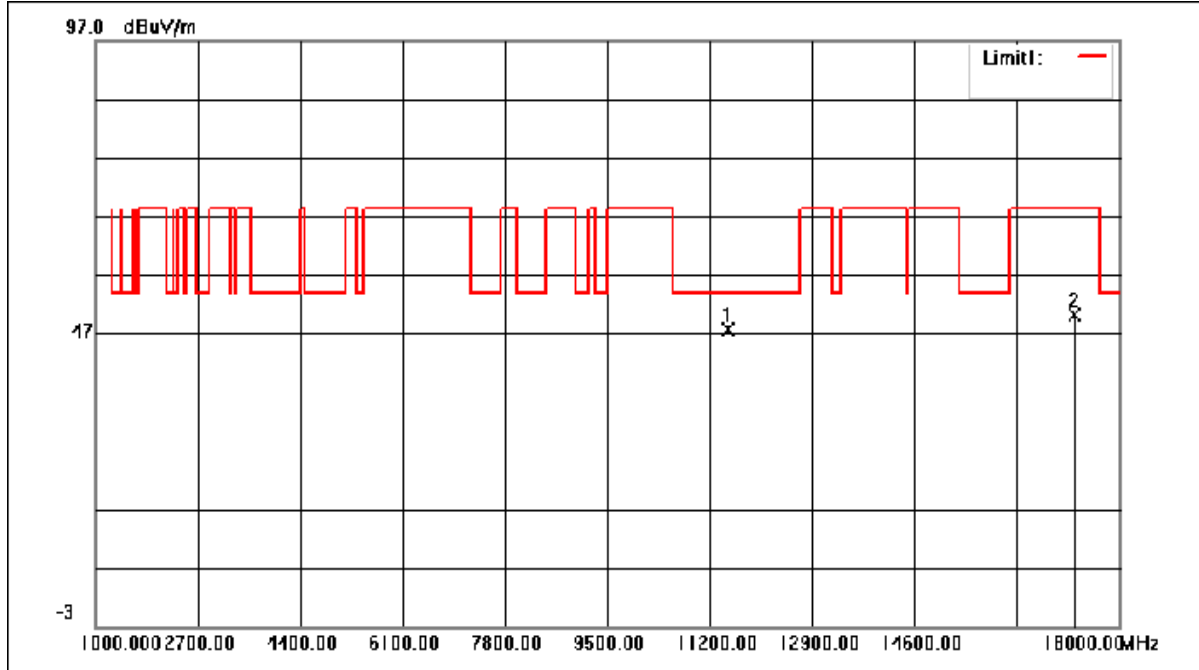
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11510.000	49.85	-2.27	47.58	54.00	-6.42	peak
2	17265.000	50.29	-0.22	50.07	68.30	-18.23	peak



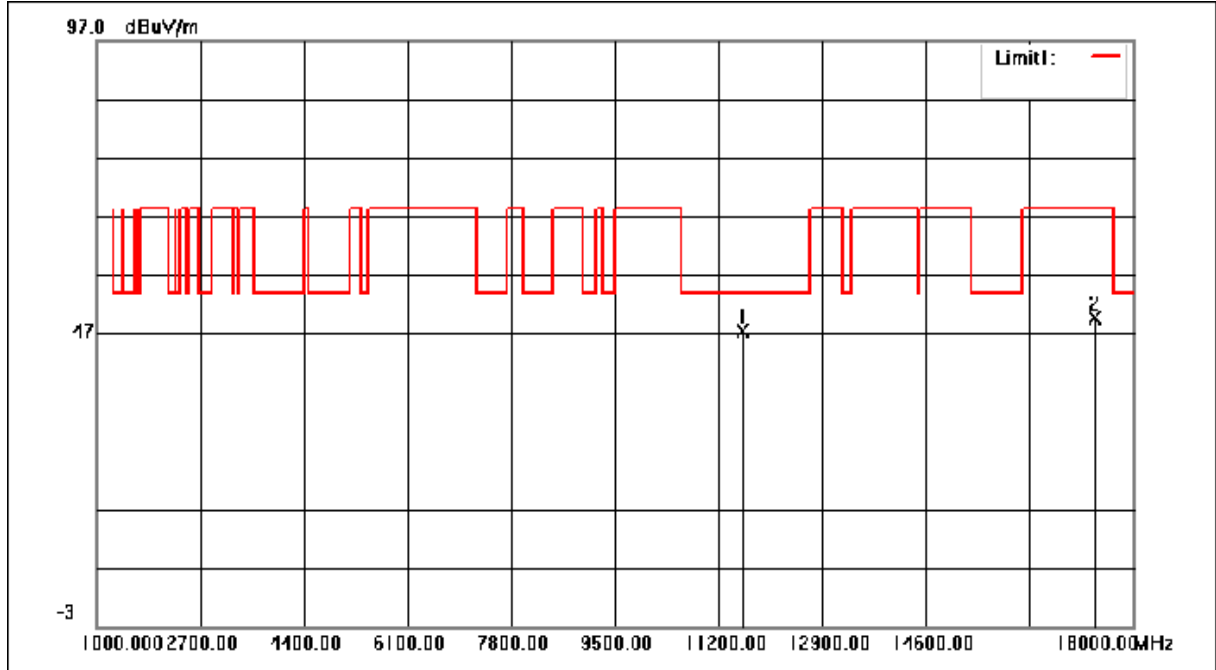
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	49.72	-2.34	47.38	54.00	-6.62	peak
2	17385.000	50.00	-0.32	49.68	68.30	-18.62	peak



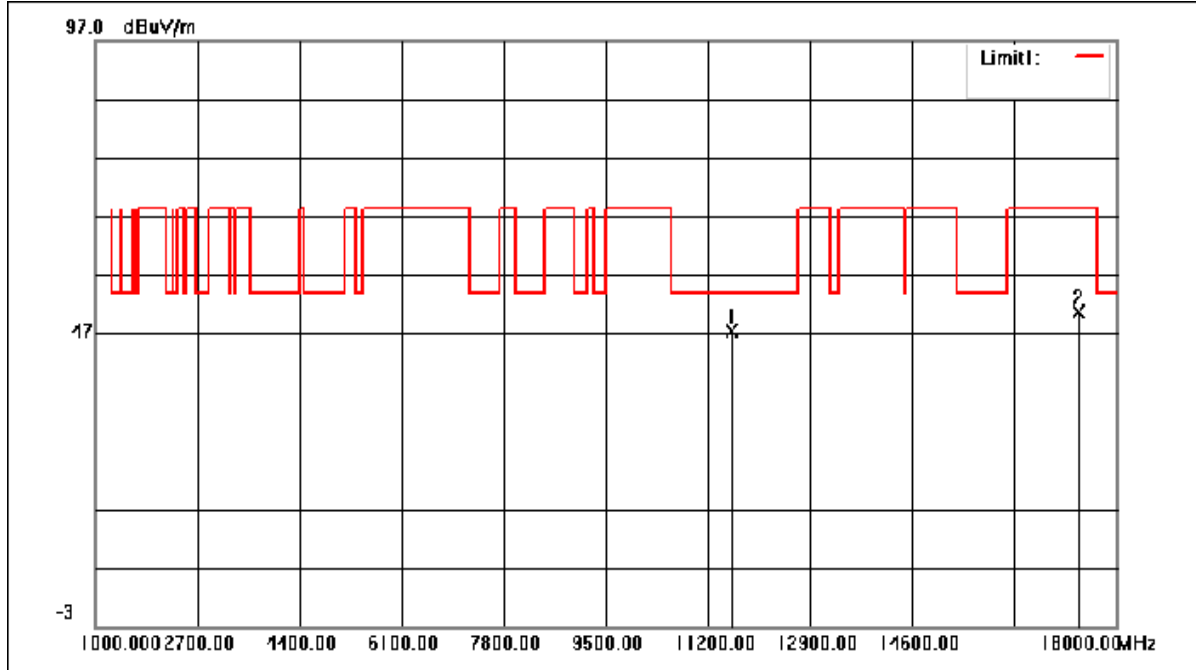
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11590.000	49.62	-2.34	47.28	54.00	-6.72	peak
2	17385.000	51.05	-0.32	50.73	68.30	-17.57	peak



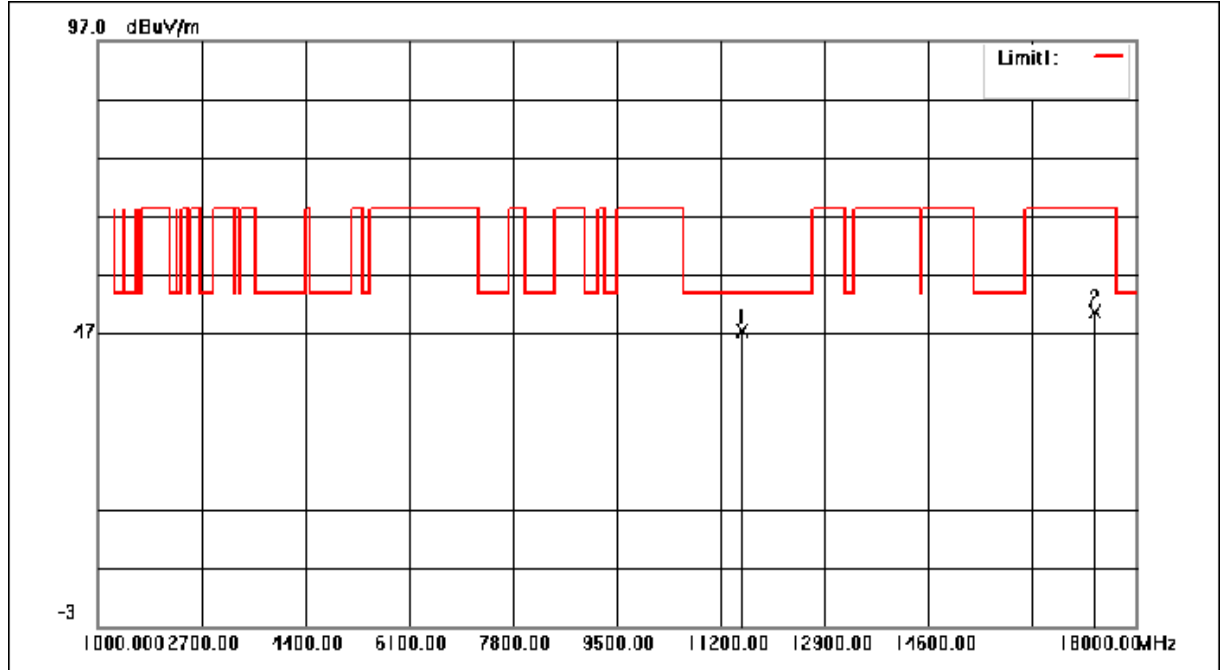
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	49.69	-2.31	47.38	54.00	-6.62	peak
2	17325.000	51.00	-0.27	50.73	68.30	-17.57	peak



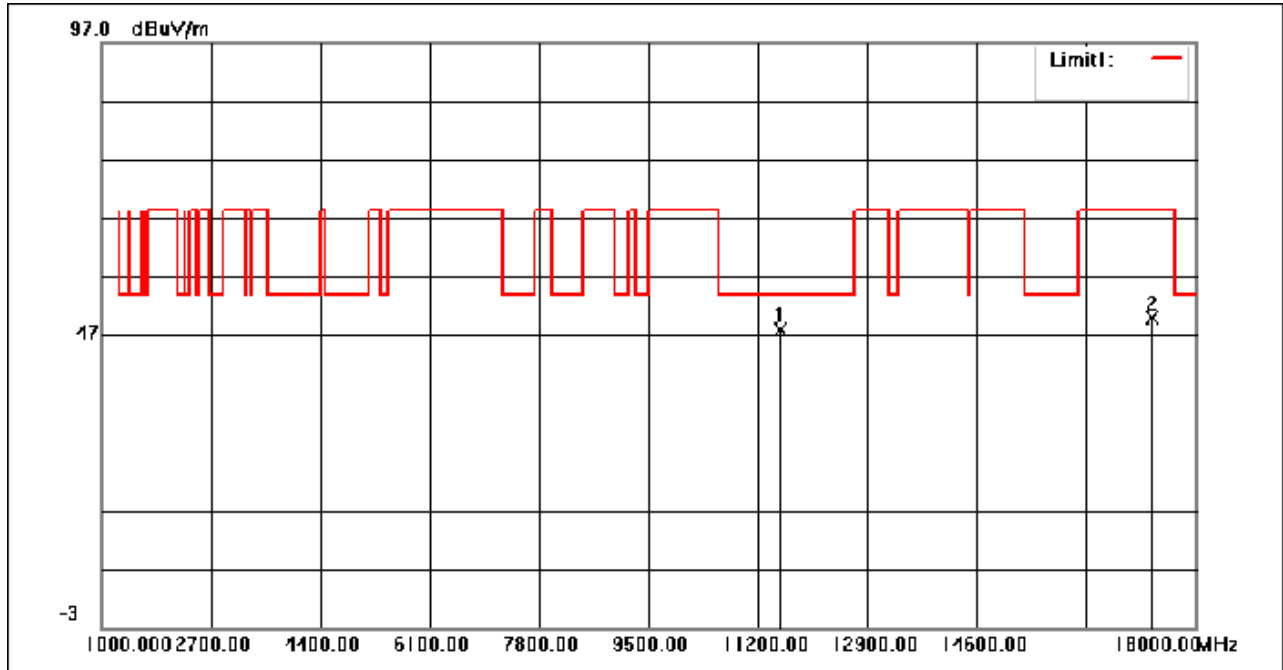
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	11550.000	50.14	-2.31	47.83	54.00	-6.17	peak
2	17325.000	50.23	-0.27	49.96	68.30	-18.34	peak



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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.



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7.8.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 49 % RH Atmospheric Pressure: 1008 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 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

g:TX mode (Band 2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.

h:TX mode (Band 3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(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.



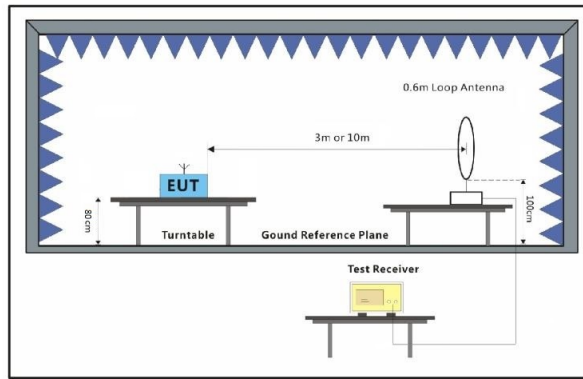
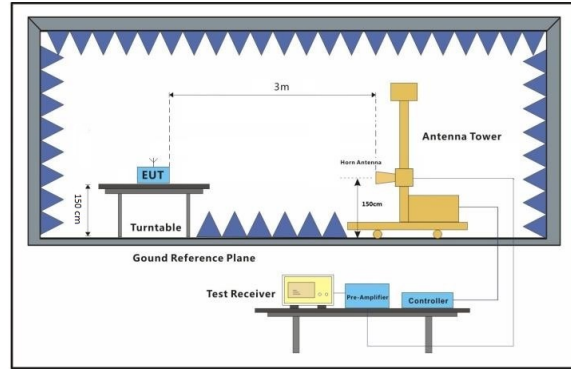
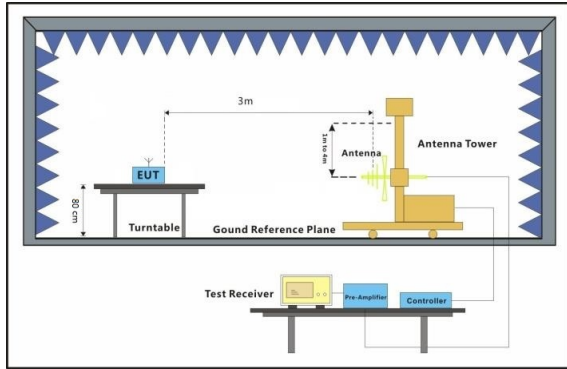
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7.8.2 Test Setup Diagram



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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: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor



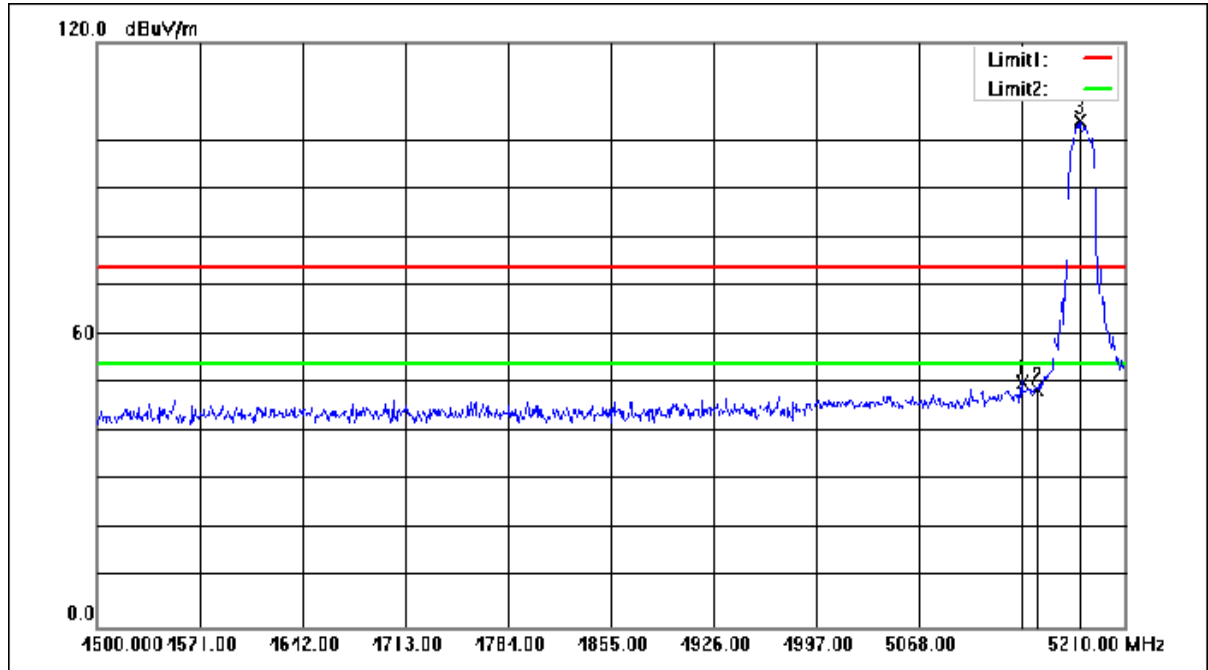
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Mode:e; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5139.000	52.17	-1.77	50.40	74.00	-23.60	peak
2	5150.000	50.41	-1.73	48.68	74.00	-25.32	peak
3	5179.470	105.64	-1.65	103.99	74.00	29.99	peak



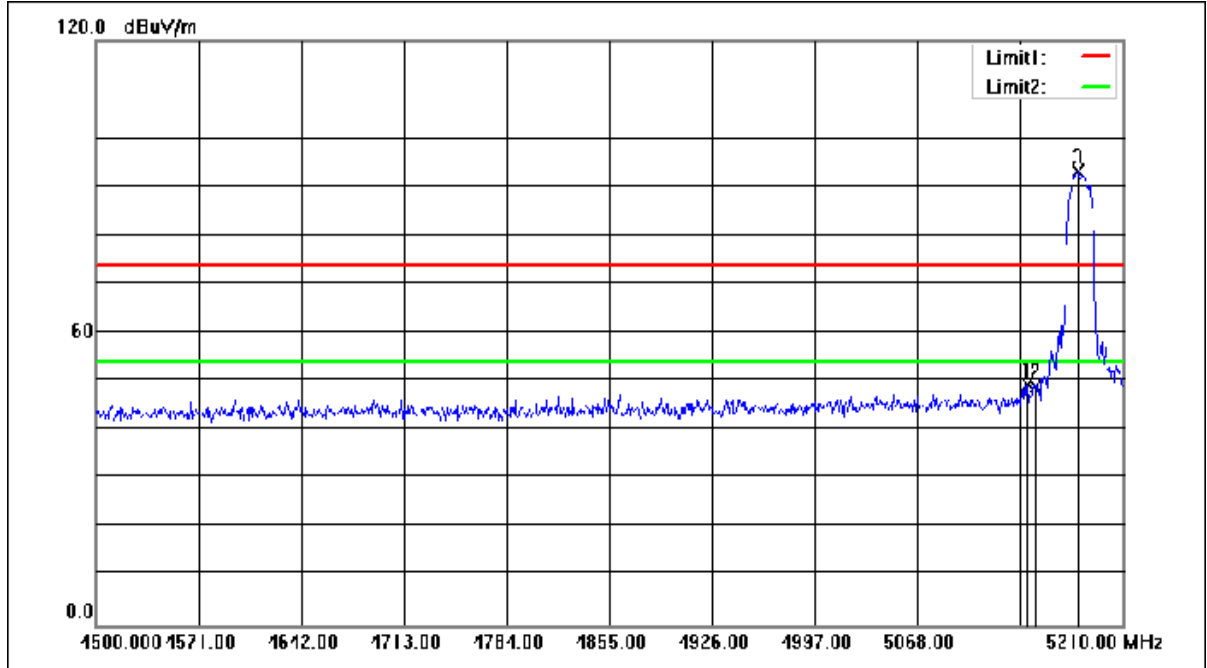
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Mode:e; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.970	51.15	-1.76	49.39	74.00	-24.61	peak
2	5150.000	50.80	-1.73	49.07	74.00	-24.93	peak
3	5179.470	94.71	-1.65	93.06	74.00	19.06	peak



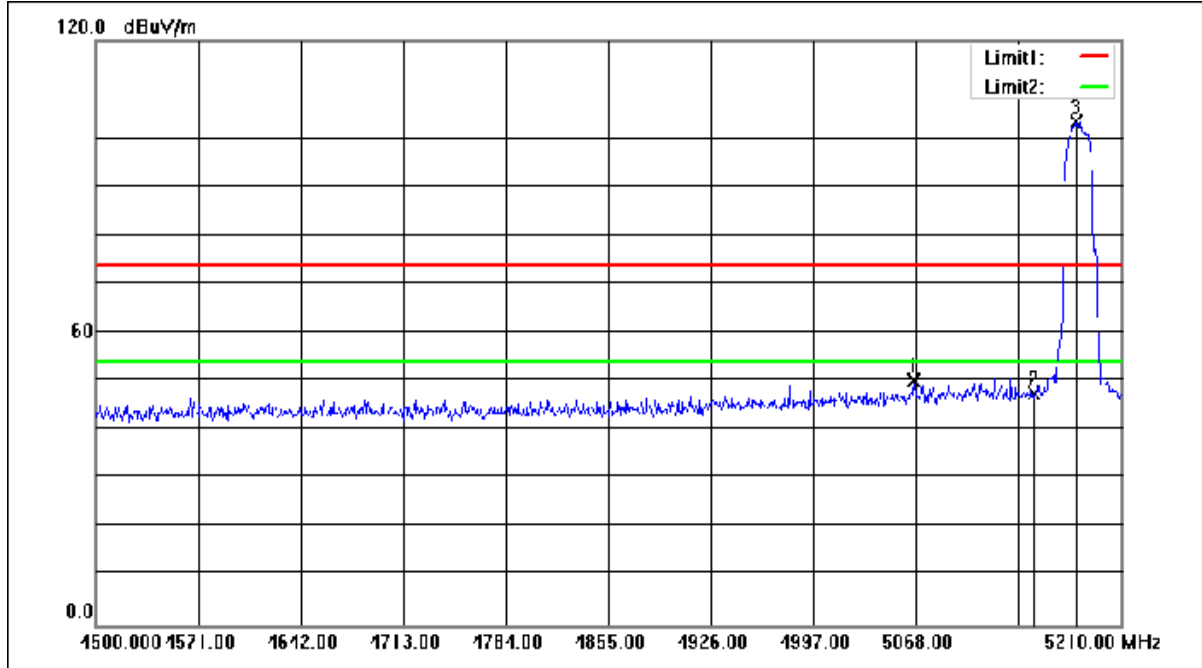
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5066.580	52.31	-1.96	50.35	74.00	-23.65	peak
2	5150.000	49.30	-1.73	47.57	74.00	-26.43	peak
3	5178.760	105.14	-1.66	103.48	74.00	29.48	peak



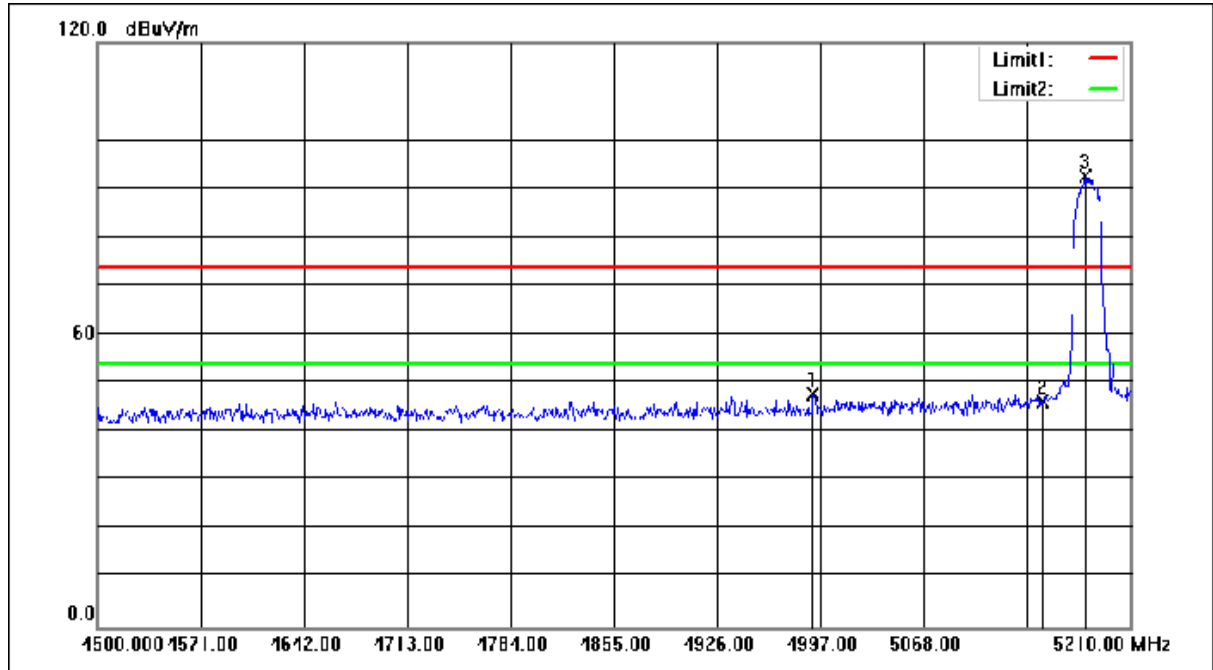
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4992.030	50.01	-2.16	47.85	74.00	-26.15	peak
2	5150.000	48.06	-1.73	46.33	74.00	-27.67	peak
3	5178.760	94.10	-1.66	92.44	74.00	18.44	peak



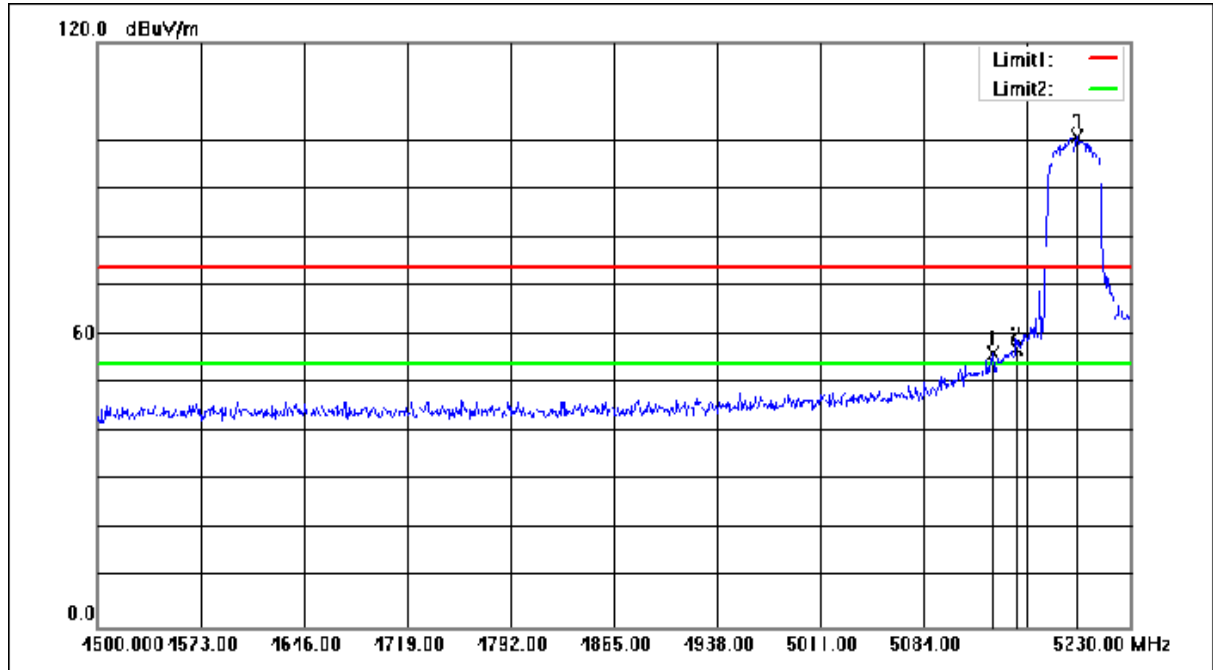
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5132.910	57.96	-1.78	56.18	74.00	-17.82	peak
2	5150.000	58.93	-1.73	57.20	74.00	-16.80	peak
3	5192.040	102.18	-1.62	100.56	74.00	26.56	peak



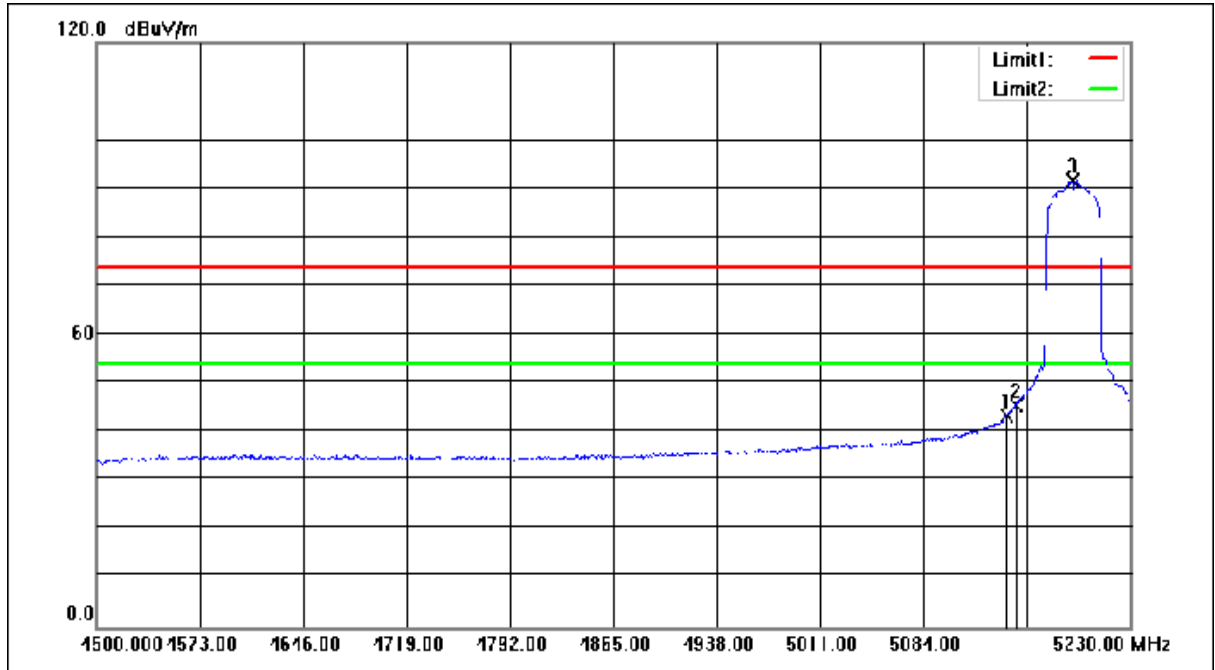
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Mode:e; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5143.130	45.25	-1.76	43.49	54.00	-10.51	AVG
2	5150.000	47.31	-1.73	45.58	54.00	-8.42	AVG
3	5189.120	93.21	-1.63	91.58	54.00	37.58	AVG



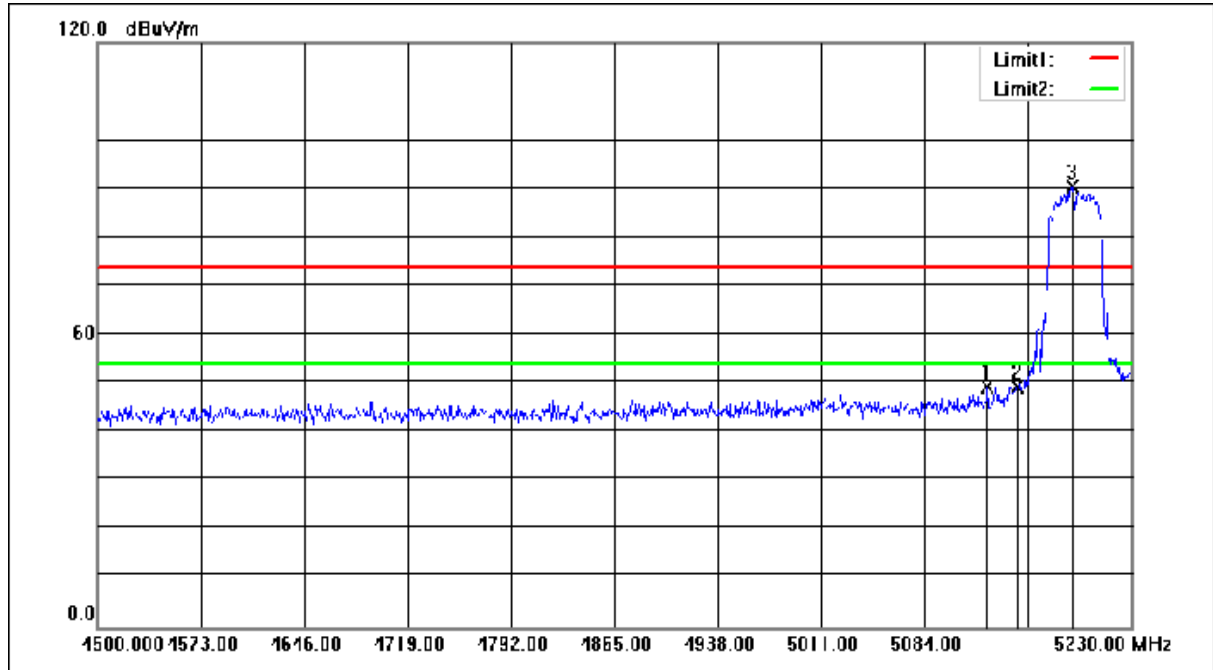
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Mode:e; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5128.530	51.23	-1.80	49.43	74.00	-24.57	peak
2	5150.000	50.97	-1.73	49.24	74.00	-24.76	peak
3	5188.390	92.08	-1.63	90.45	74.00	16.45	peak



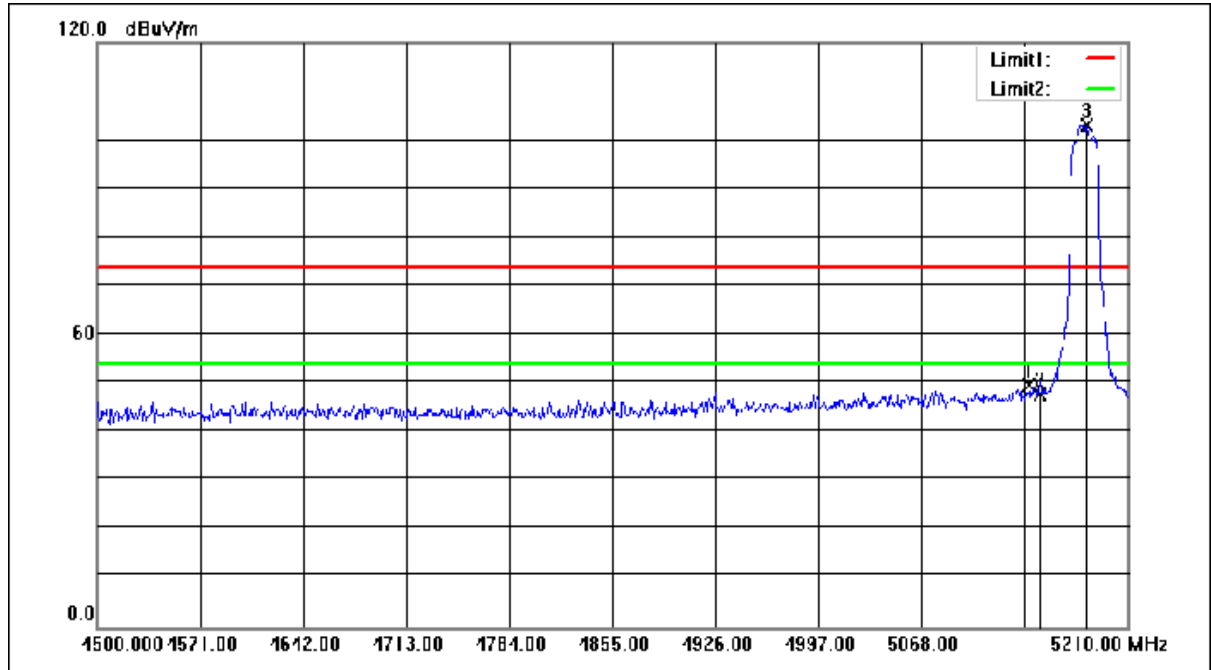
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



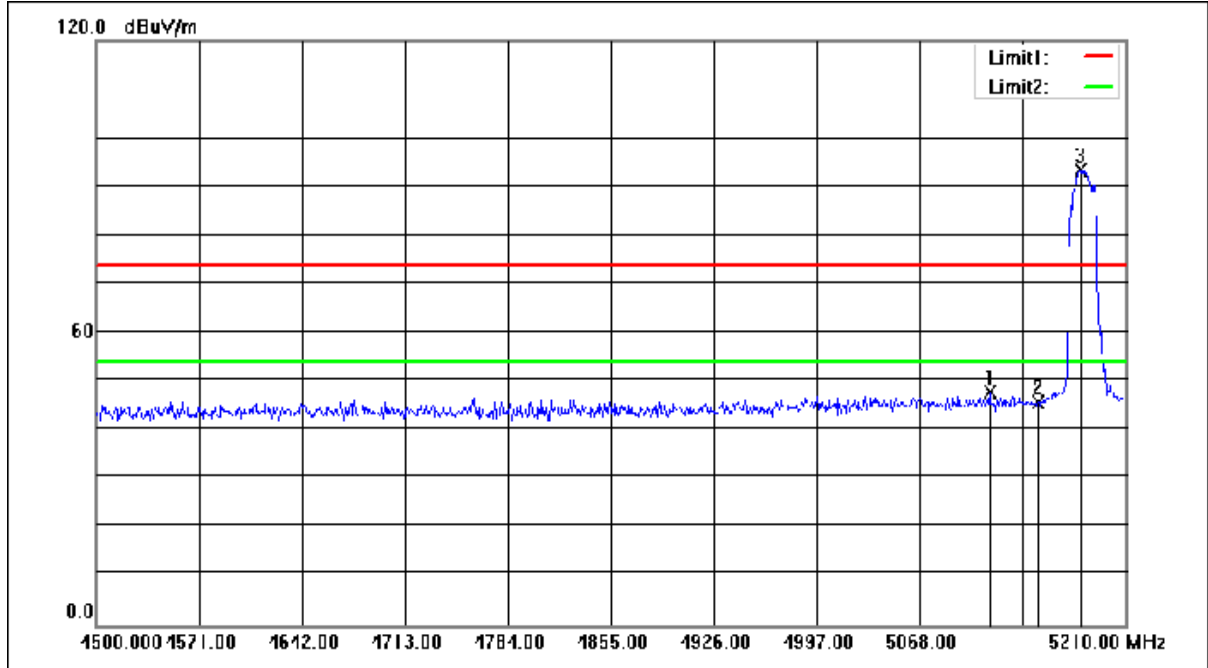
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5142.550	51.56	-1.76	49.80	74.00	-24.20	peak
2	5150.000	49.48	-1.73	47.75	74.00	-26.25	peak
3	5181.600	104.78	-1.65	103.13	74.00	29.13	peak



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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	5116.280	49.54	-1.83	47.71	74.00	-26.29	peak
2	5150.000	47.58	-1.73	45.85	74.00	-28.15	peak
3	5179.470	95.25	-1.65	93.60	74.00	19.60	peak



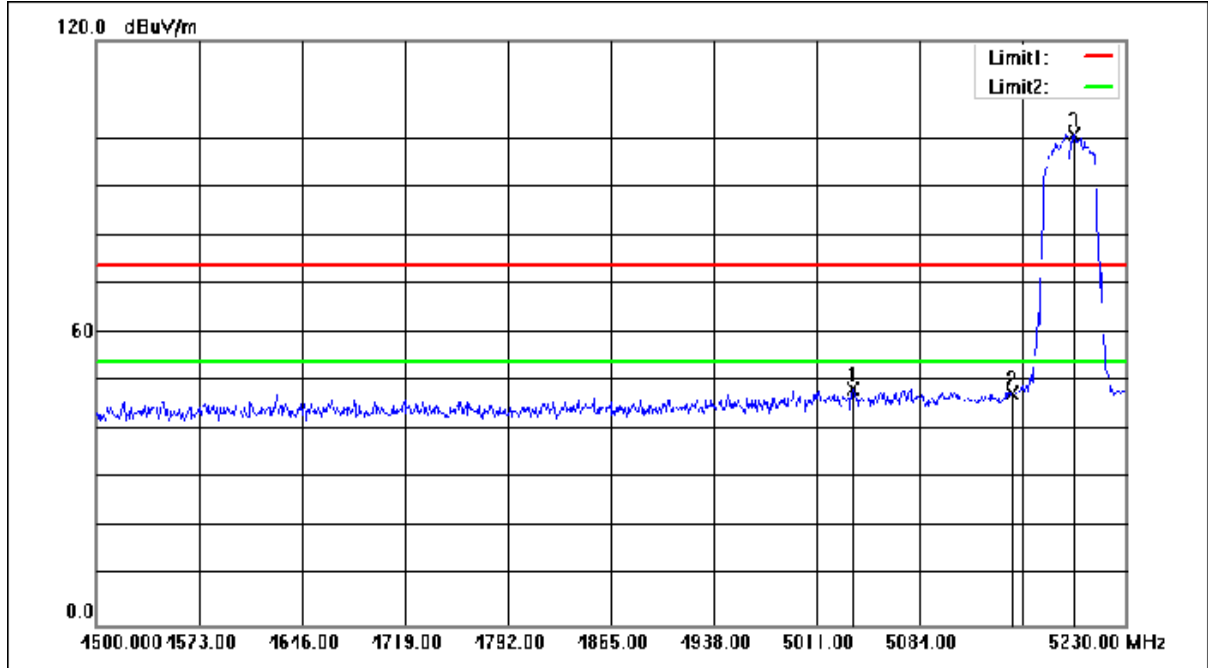
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5036.550	50.43	-2.04	48.39	74.00	-25.61	peak
2	5150.000	49.21	-1.73	47.48	74.00	-26.52	peak
3	5193.500	102.25	-1.62	100.63	74.00	26.63	peak



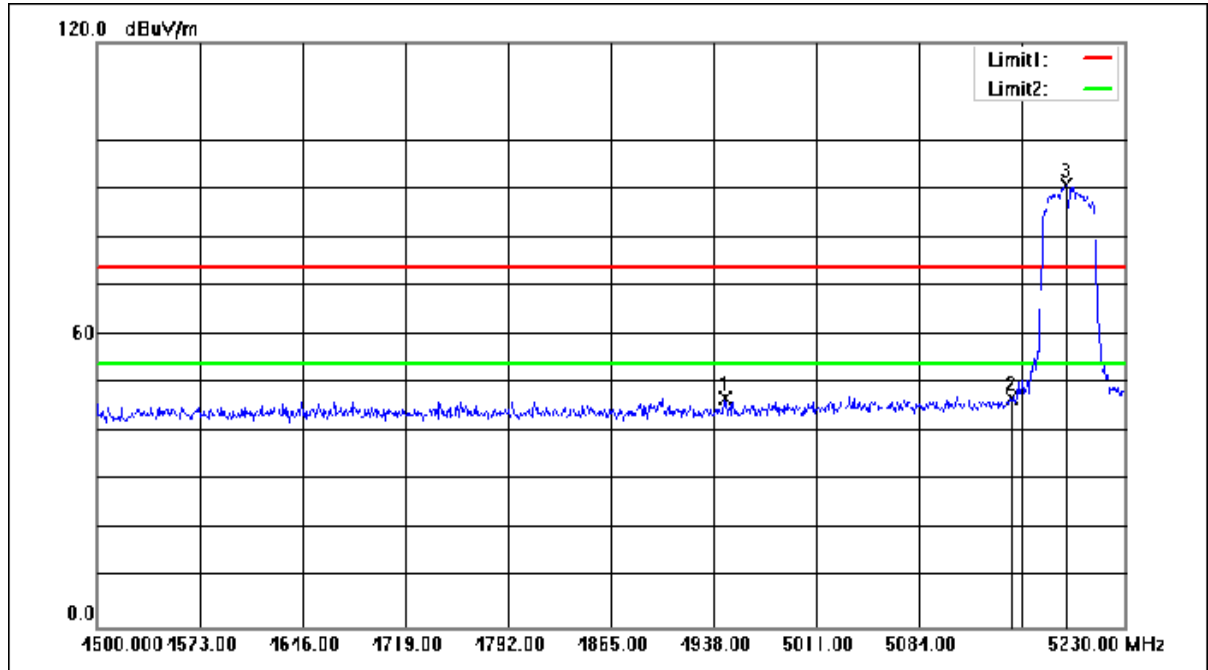
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4946.030	49.25	-2.29	46.96	74.00	-27.04	peak
2	5150.000	48.64	-1.73	46.91	74.00	-27.09	peak
3	5188.390	92.38	-1.63	90.75	74.00	16.75	peak



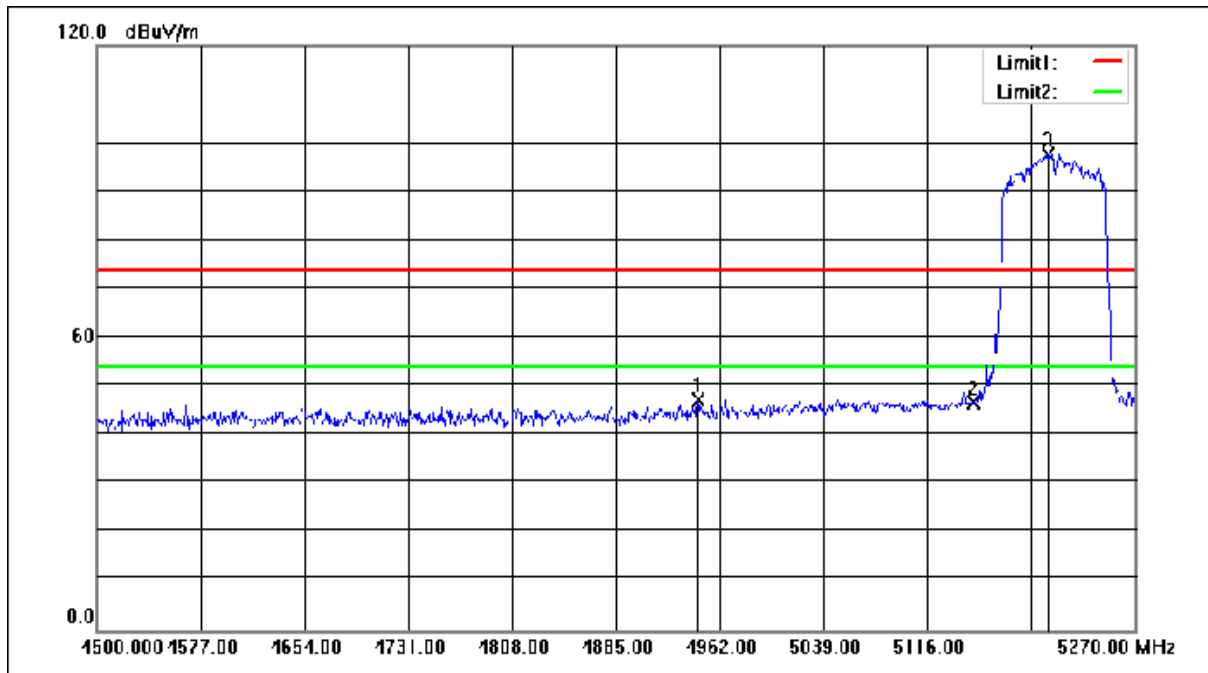
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Mode:e; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4945.830	49.67	-2.29	47.38	74.00	-26.62	peak
2	5150.000	48.25	-1.73	46.52	74.00	-27.48	peak
3	5206.090	99.28	-1.59	97.69	74.00	23.69	peak



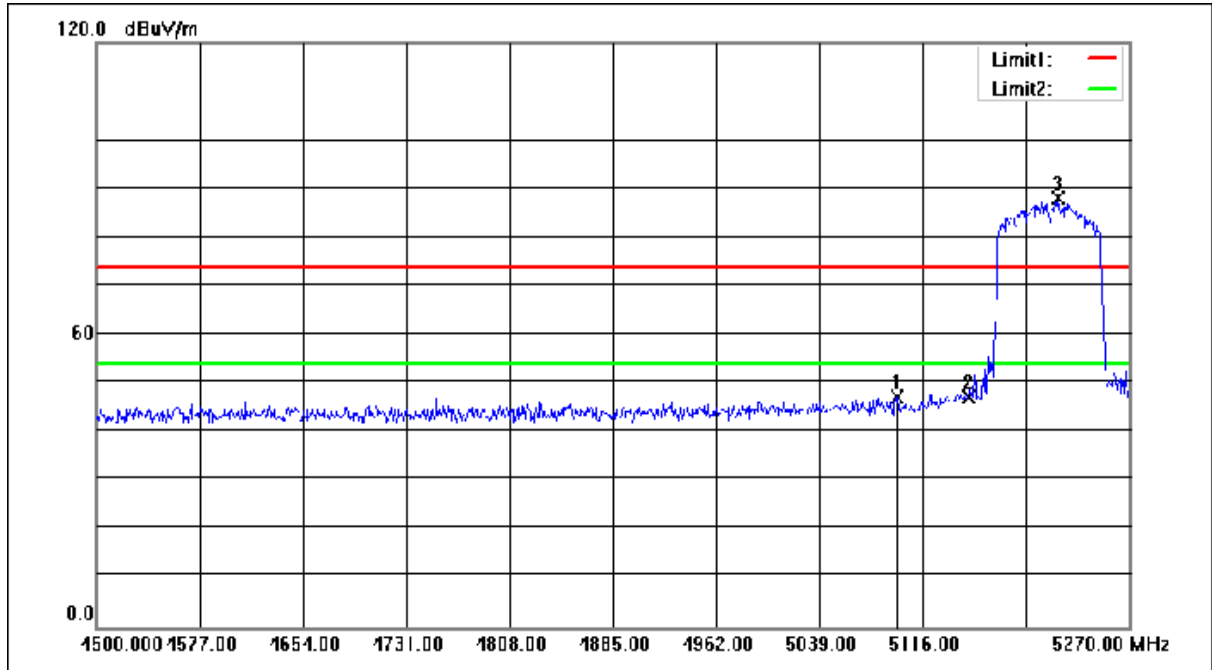
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Mode:e; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5096.750	49.06	-1.88	47.18	74.00	-26.82	peak
2	5150.000	49.08	-1.73	47.35	74.00	-26.65	peak
3	5216.870	89.49	-1.57	87.92	74.00	13.92	peak



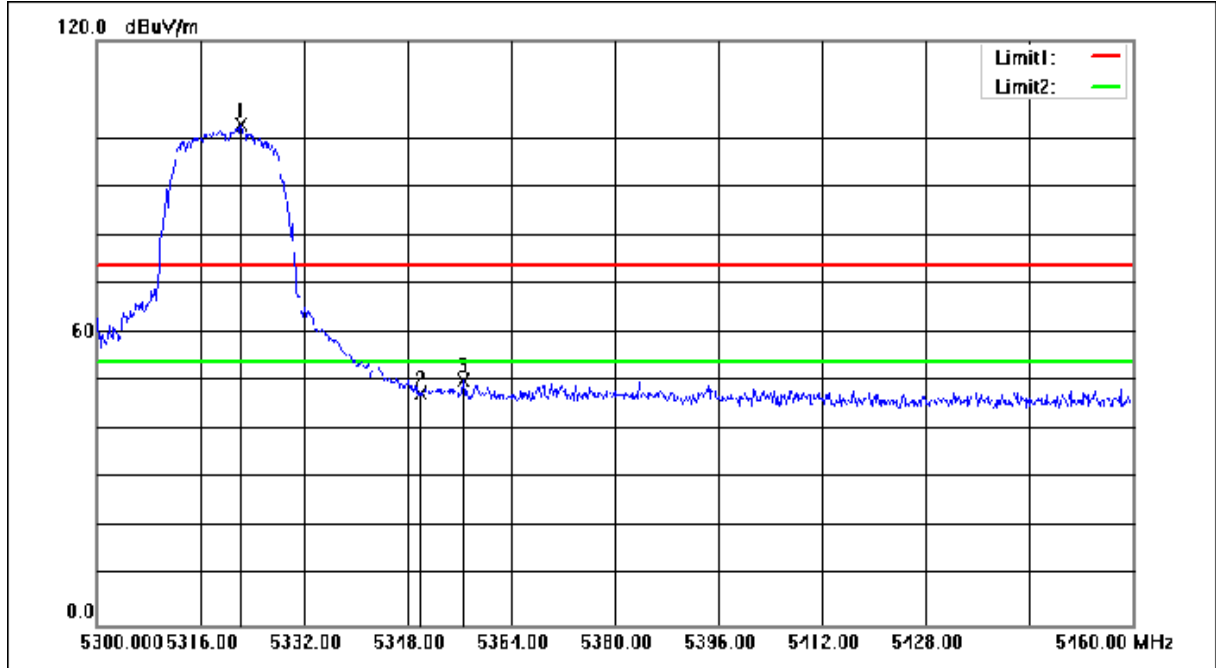
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Mode:f; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5322.240	104.03	-1.39	102.64	74.00	28.64	peak
2	5350.000	48.81	-1.34	47.47	74.00	-26.53	peak
3	5356.640	51.52	-1.33	50.19	74.00	-23.81	peak



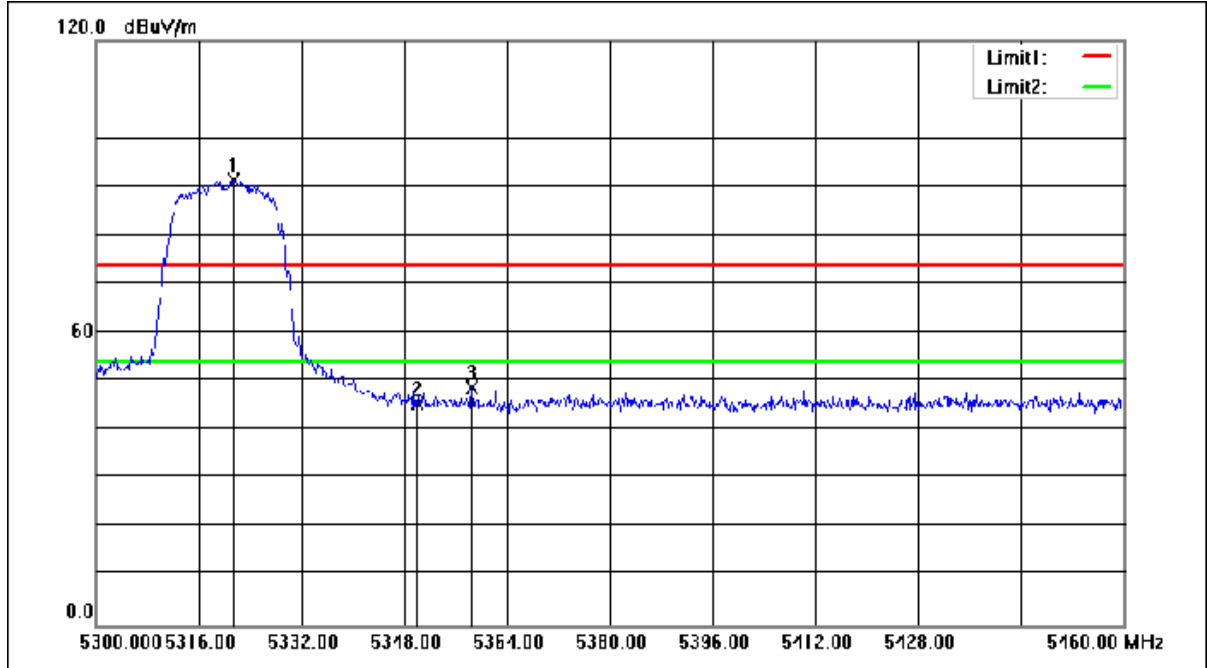
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Mode:f; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.440	92.76	-1.40	91.36	74.00	17.36	peak
2	5350.000	46.69	-1.34	45.35	74.00	-28.65	peak
3	5358.560	50.02	-1.33	48.69	74.00	-25.31	peak



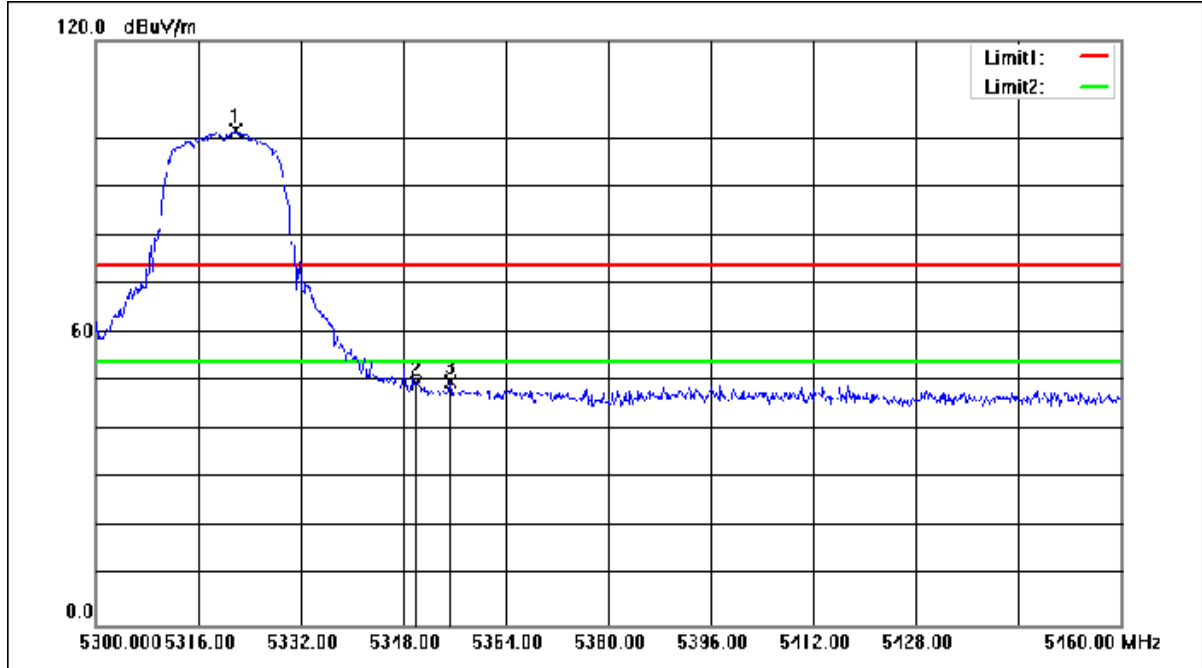
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.920	102.85	-1.39	101.46	74.00	27.46	peak
2	5350.000	50.92	-1.34	49.58	74.00	-24.42	peak
3	5355.360	51.16	-1.33	49.83	74.00	-24.17	peak



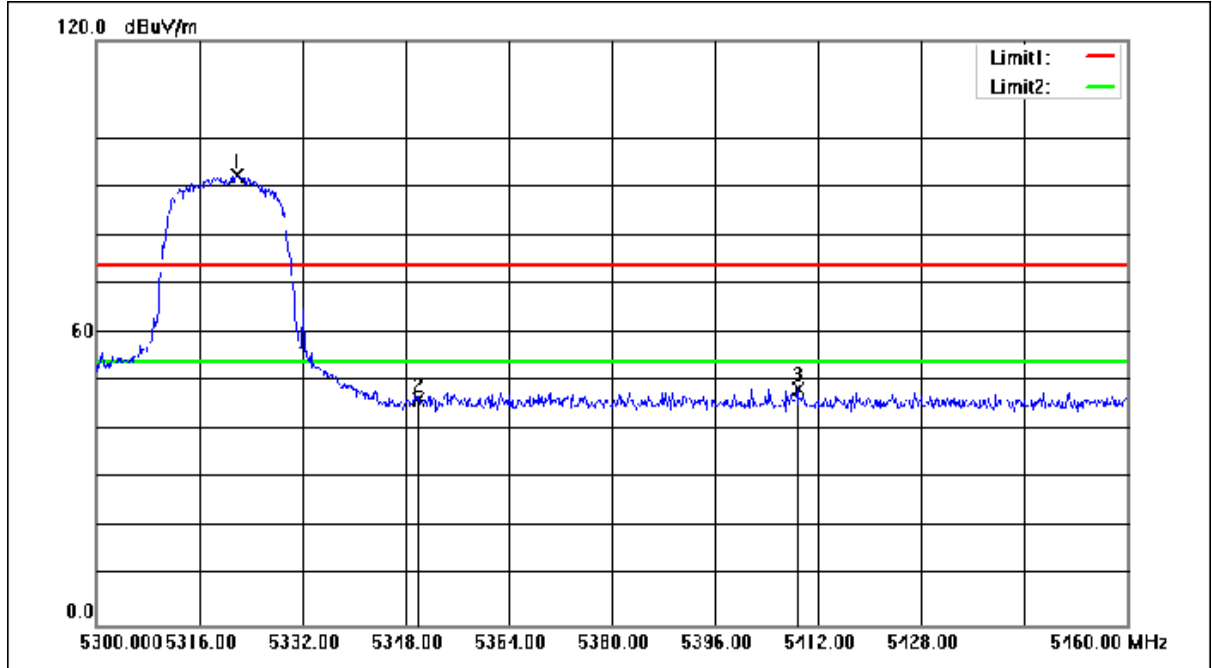
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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.760	93.59	-1.40	92.19	74.00	18.19	peak
2	5350.000	47.56	-1.34	46.22	74.00	-27.78	peak
3	5408.800	49.77	-1.26	48.51	74.00	-25.49	peak



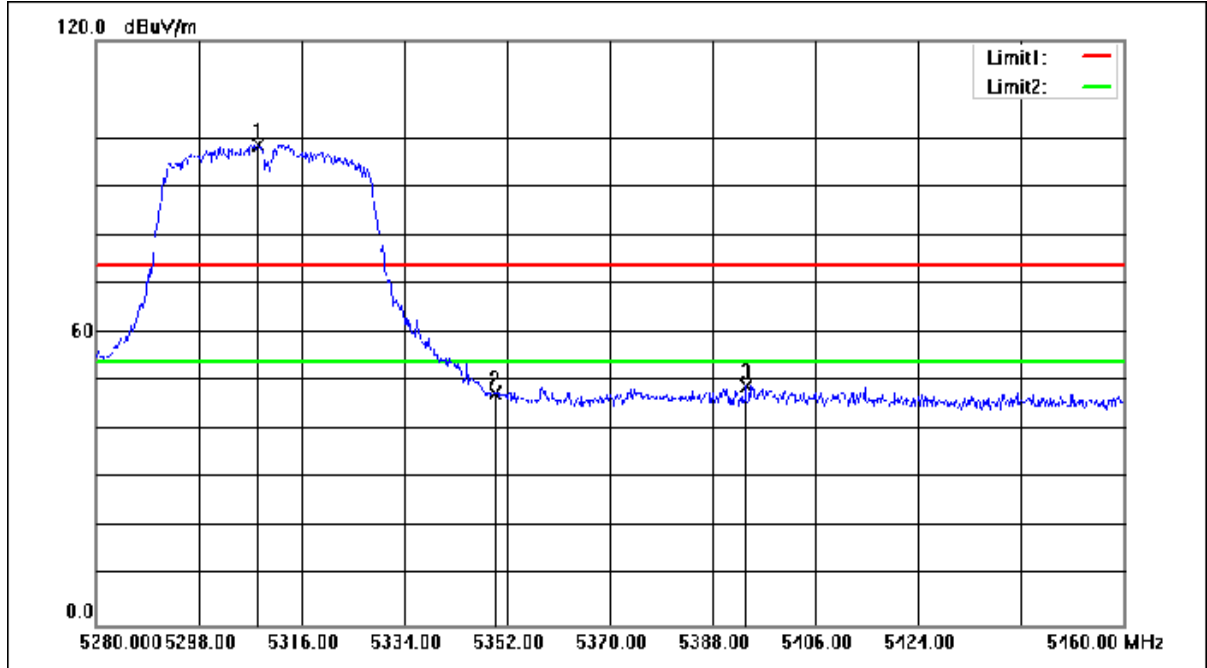
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Mode:f; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.440	100.12	-1.42	98.70	74.00	24.70	peak
2	5350.000	48.85	-1.34	47.51	74.00	-26.49	peak
3	5393.760	50.35	-1.27	49.08	74.00	-24.92	peak



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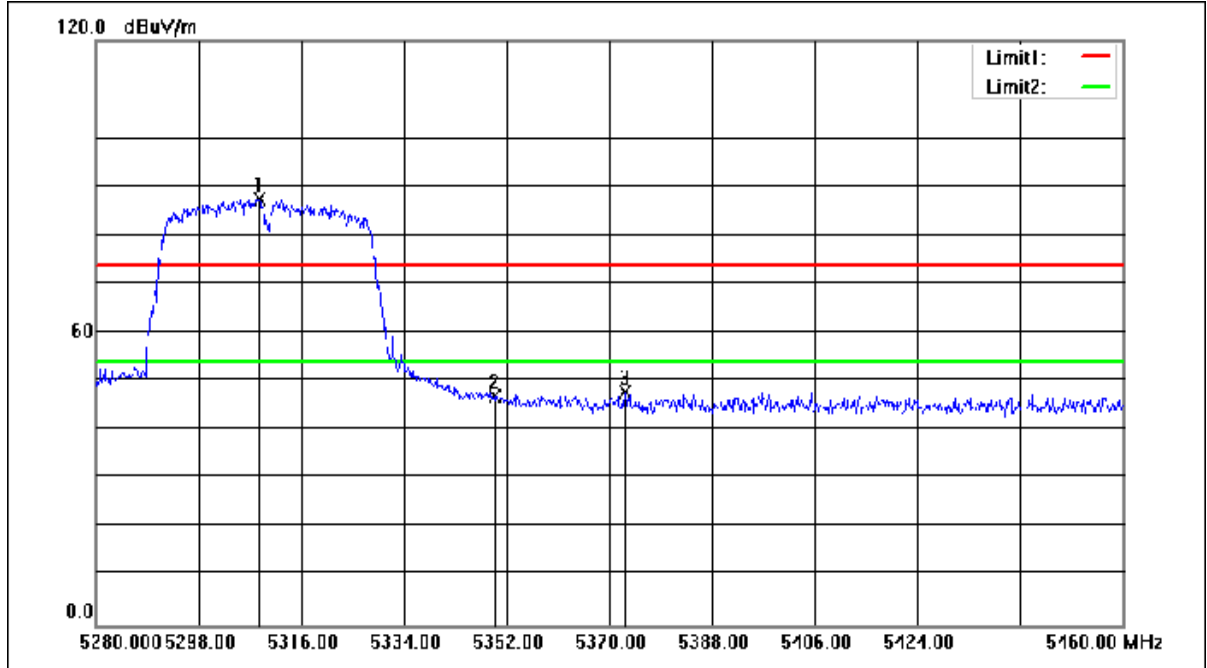
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Mode:f; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5308.620	88.95	-1.42	87.53	74.00	13.53	peak
2	5350.000	48.26	-1.34	46.92	74.00	-27.08	peak
3	5372.700	49.14	-1.30	47.84	74.00	-26.16	peak



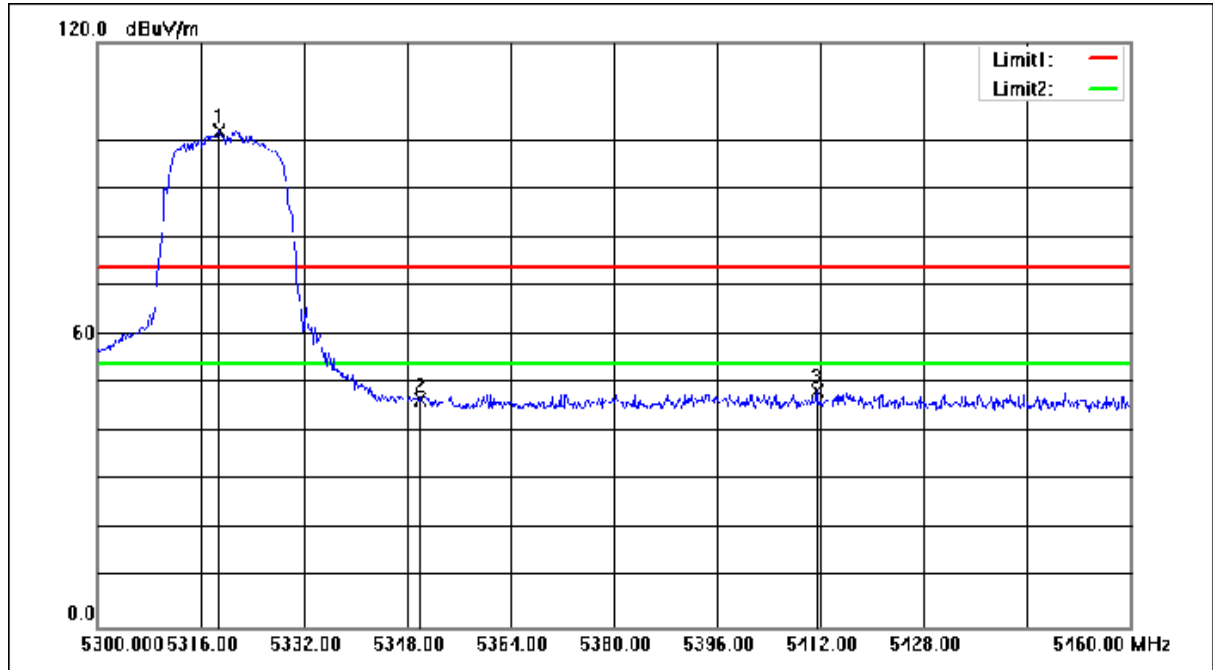
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5318.880	103.16	-1.40	101.76	74.00	27.76	peak
2	5350.000	47.95	-1.34	46.61	74.00	-27.39	peak
3	5411.360	49.78	-1.26	48.52	74.00	-25.48	peak



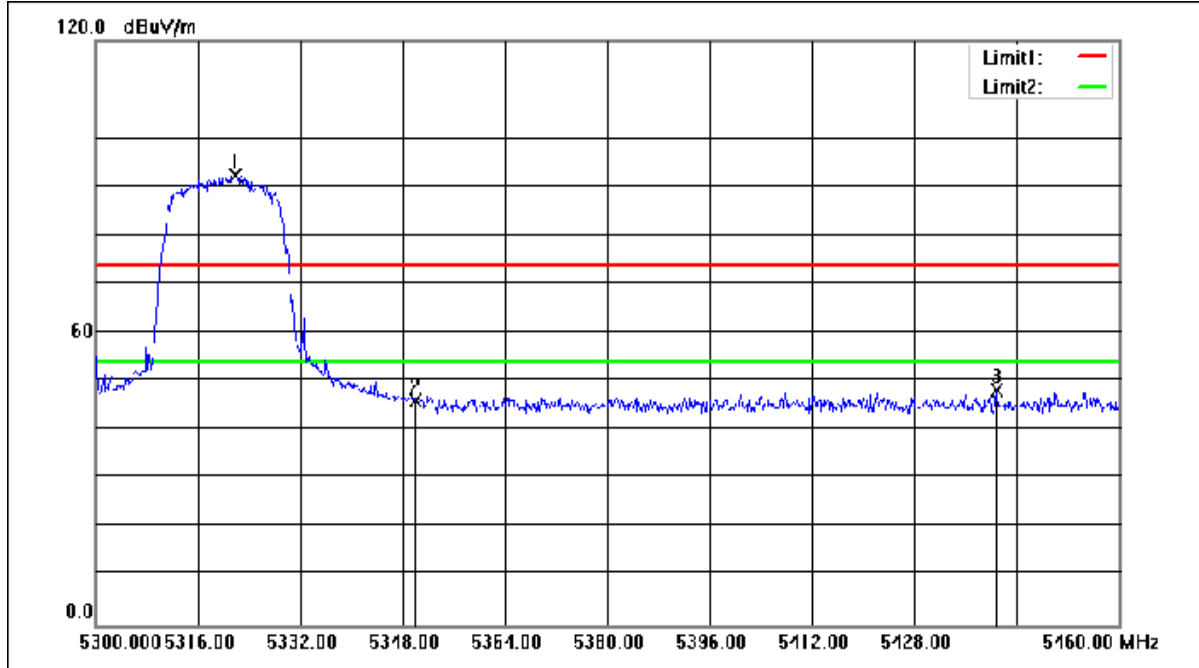
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:High



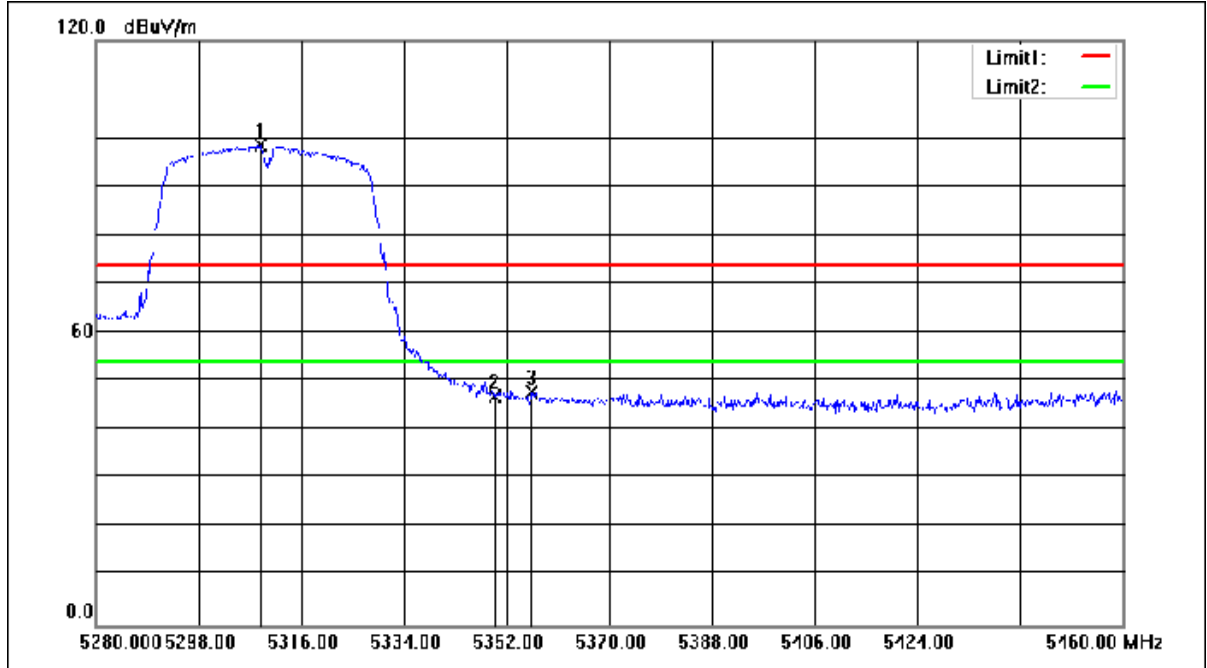
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5321.760	93.73	-1.40	92.33	74.00	18.33	peak
2	5350.000	47.41	-1.34	46.07	74.00	-27.93	peak
3	5440.800	49.43	-1.25	48.18	74.00	-25.82	peak



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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	5308.800	100.02	-1.42	98.60	74.00	24.60	peak
2	5350.000	48.32	-1.34	46.98	74.00	-27.02	peak
3	5356.500	49.09	-1.33	47.76	74.00	-26.24	peak



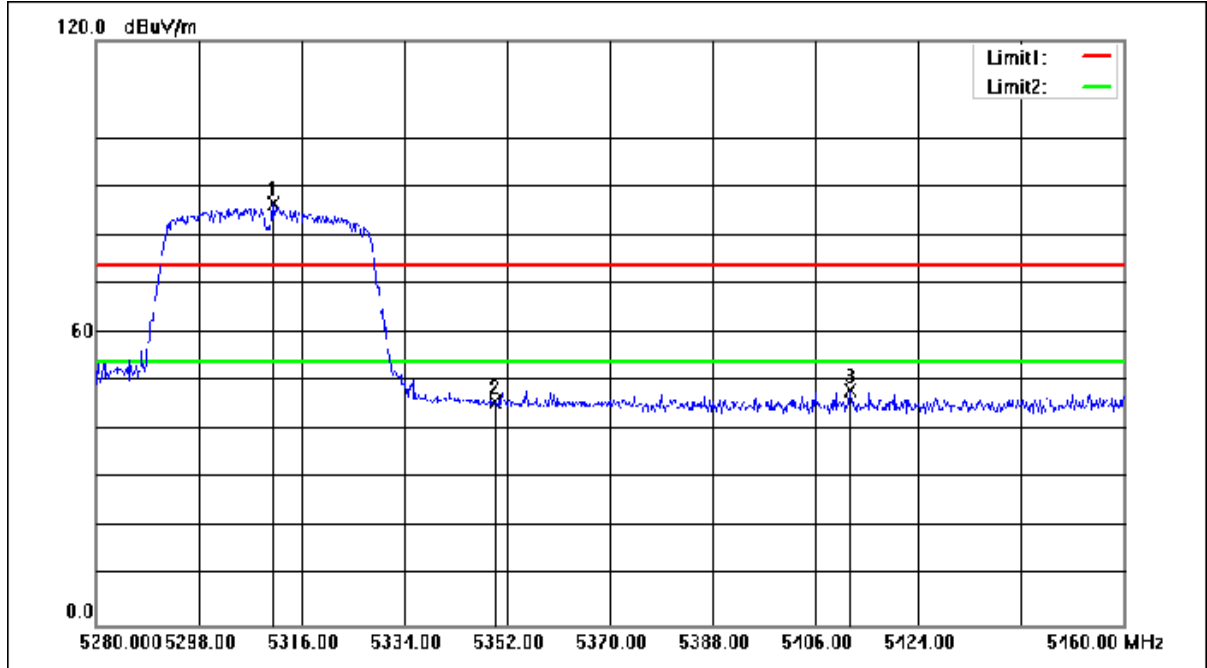
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5311.140	87.81	-1.41	86.40	74.00	12.40	peak
2	5350.000	46.95	-1.34	45.61	74.00	-28.39	peak
3	5412.120	49.53	-1.26	48.27	74.00	-25.73	peak



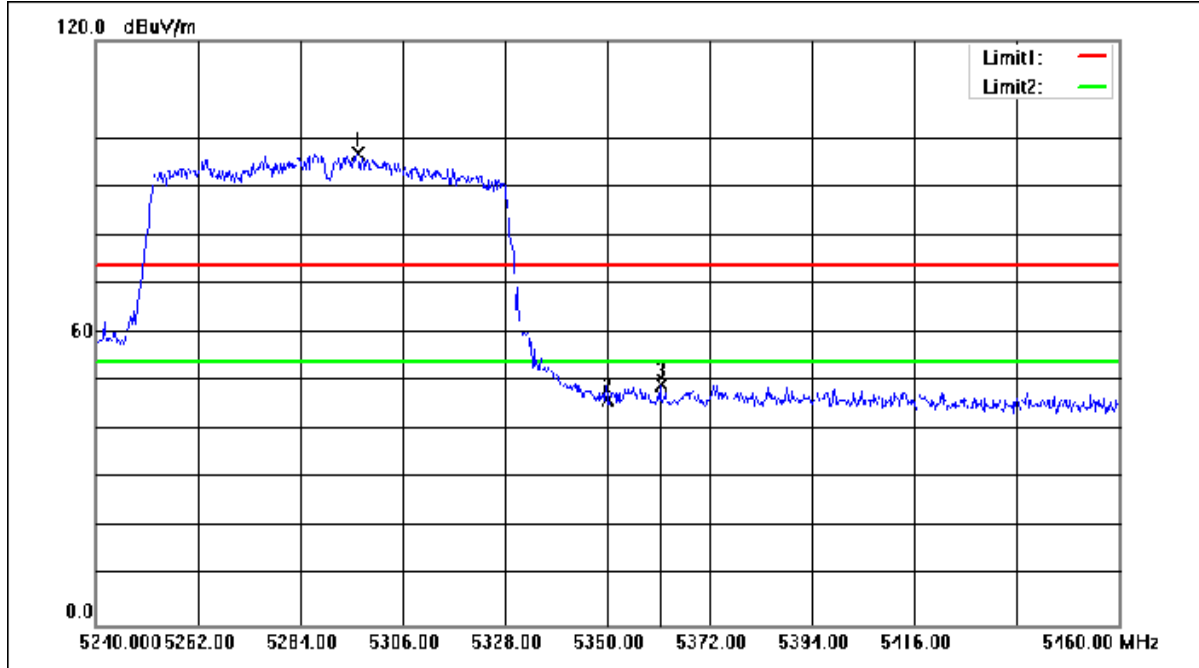
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Mode:f; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5296.540	98.19	-1.44	96.75	74.00	22.75	peak
2	5350.000	47.68	-1.34	46.34	74.00	-27.66	peak
3	5361.440	50.62	-1.32	49.30	74.00	-24.70	peak



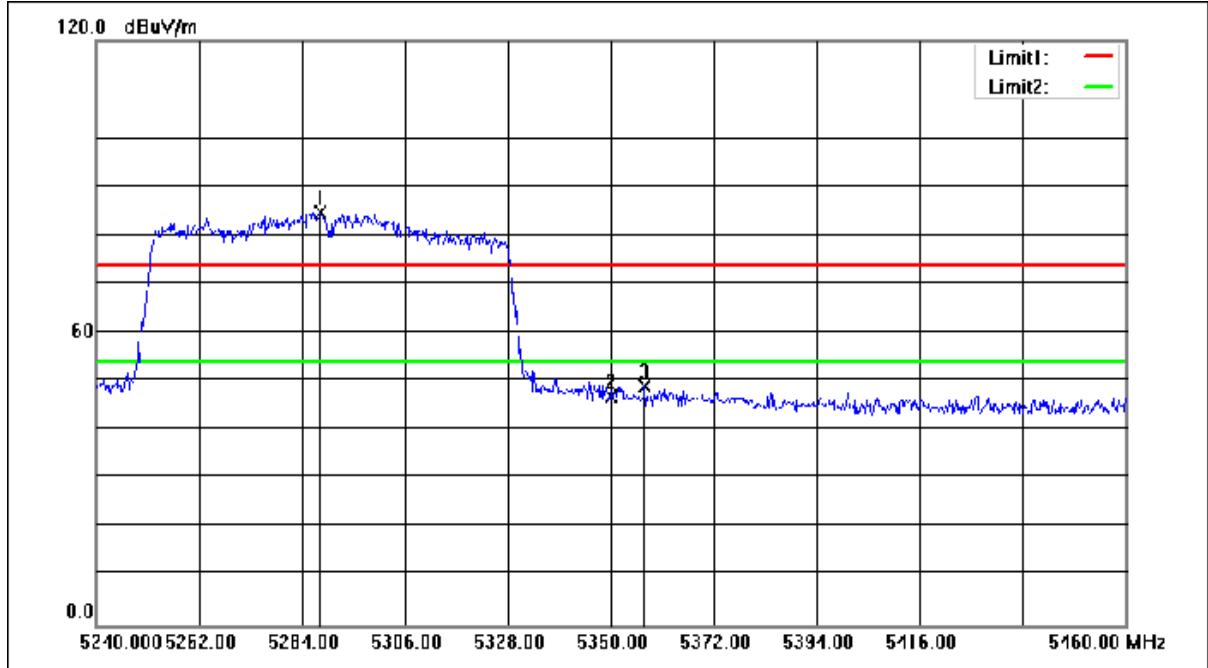
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Mode:f; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5287.960	86.21	-1.45	84.76	74.00	10.76	peak
2	5350.000	48.34	-1.34	47.00	74.00	-27.00	peak
3	5357.260	50.51	-1.33	49.18	74.00	-24.82	peak



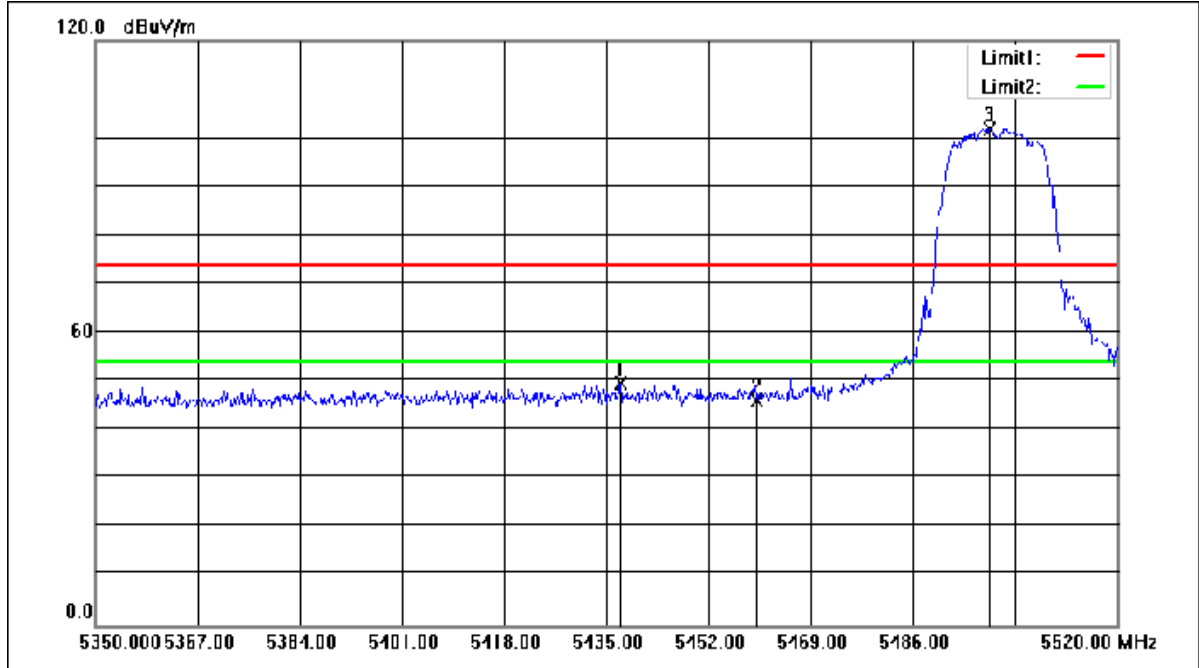
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Mode:h; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5437.380	50.80	-1.25	49.55	74.00	-24.45	peak
2	5460.000	47.19	-1.23	45.96	74.00	-28.04	peak
3	5498.750	103.19	-1.23	101.96	74.00	27.96	peak



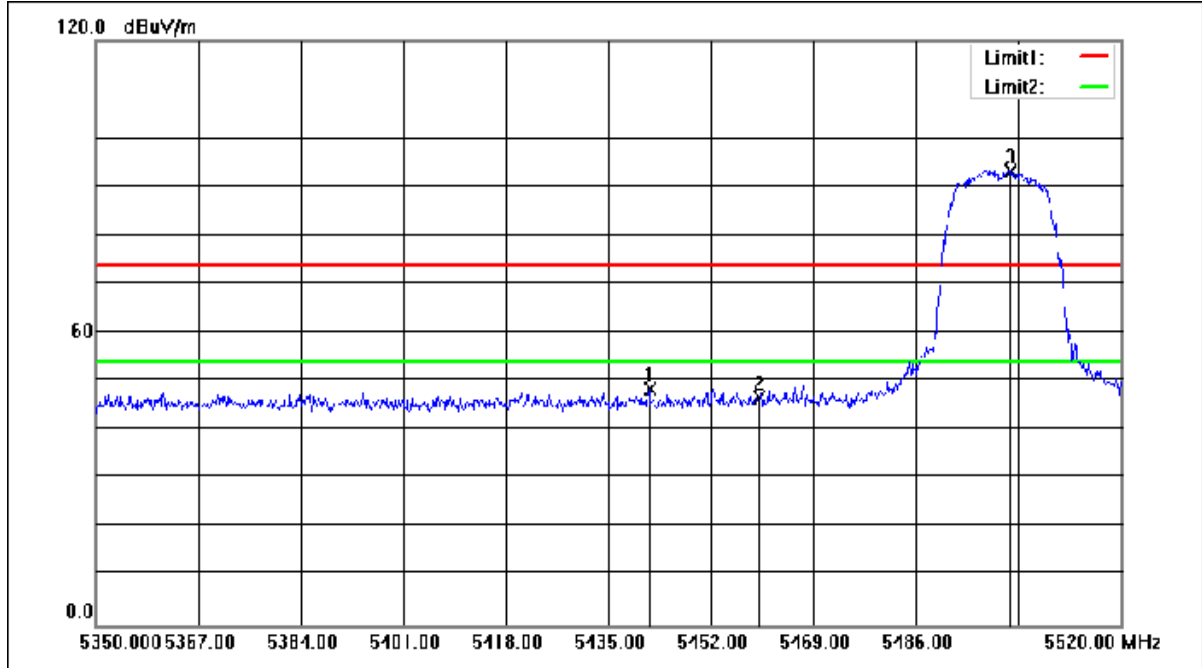
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Mode:h; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5441.800	49.61	-1.25	48.36	74.00	-25.64	peak
2	5460.000	48.02	-1.23	46.79	74.00	-27.21	peak
3	5501.640	94.51	-1.22	93.29	74.00	19.29	peak



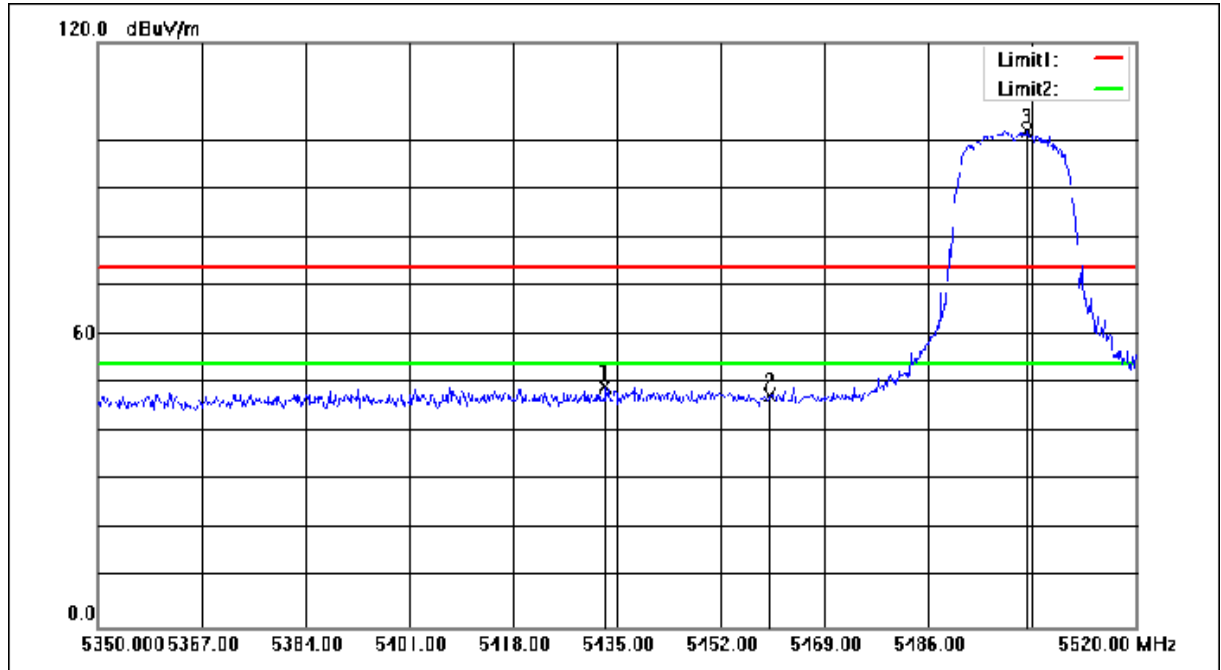
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5433.130	50.63	-1.25	49.38	74.00	-24.62	peak
2	5460.000	48.83	-1.23	47.60	74.00	-26.40	peak
3	5502.150	103.05	-1.22	101.83	74.00	27.83	peak

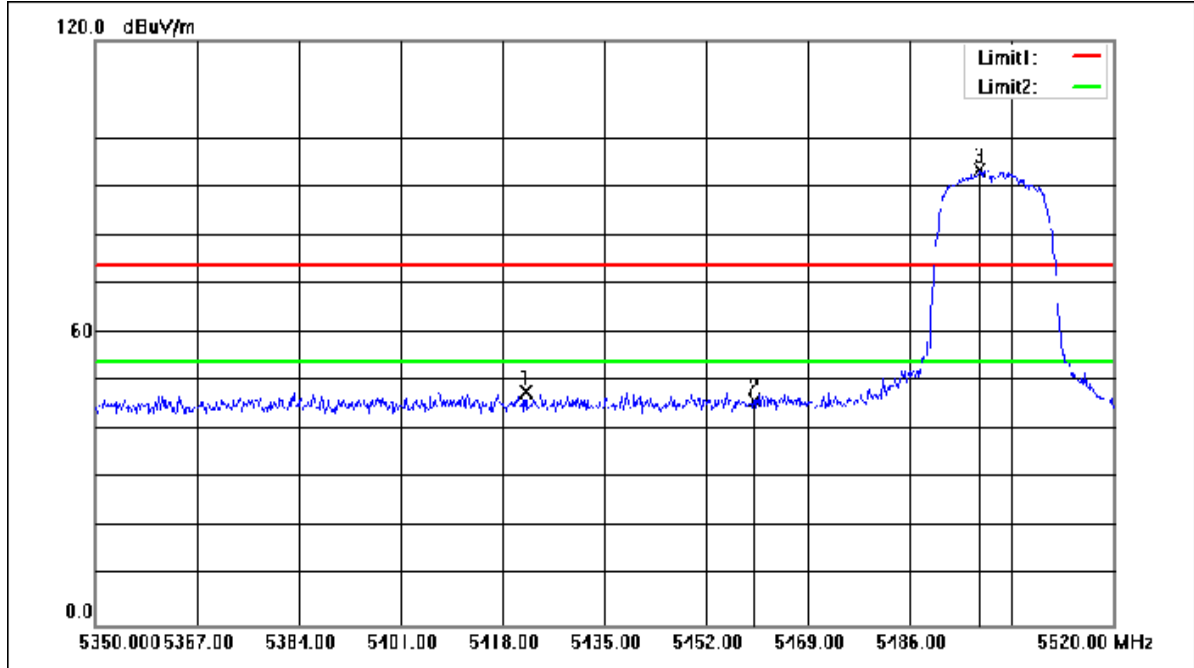


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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5421.910	49.10	-1.25	47.85	74.00	-26.15	peak
2	5460.000	47.25	-1.23	46.02	74.00	-27.98	peak
3	5497.730	94.73	-1.23	93.50	74.00	19.50	peak



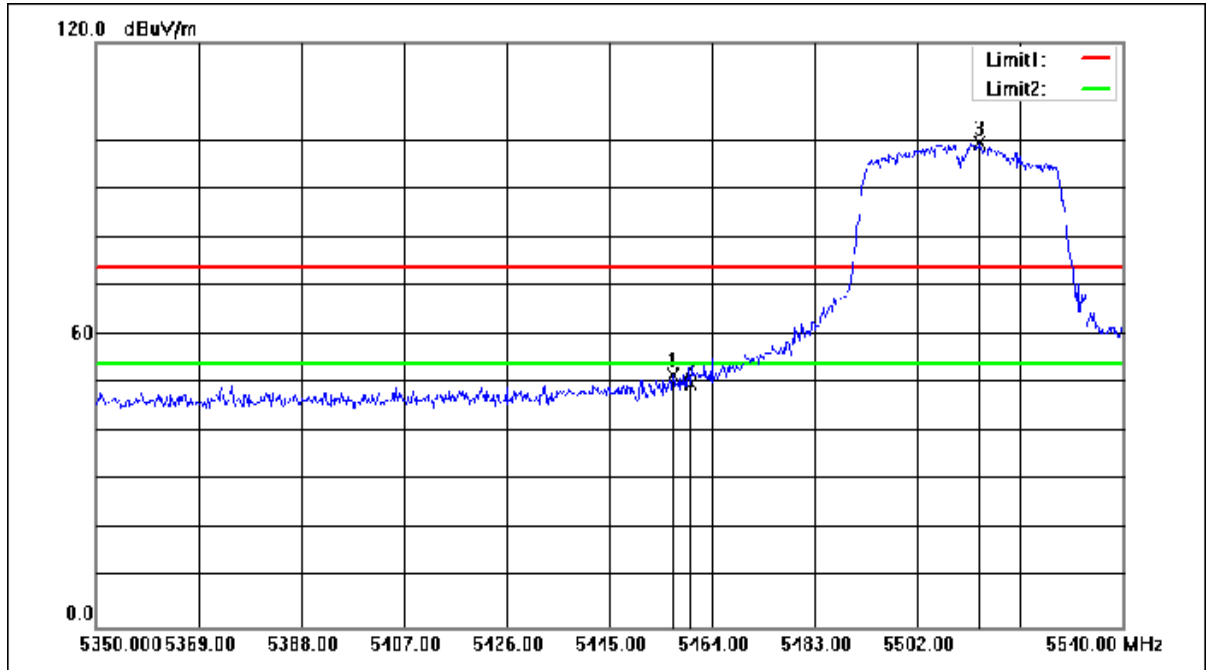
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Mode:h; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.780	52.90	-1.24	51.66	74.00	-22.34	peak
2	5460.000	51.07	-1.23	49.84	74.00	-24.16	peak
3	5513.590	100.75	-1.22	99.53	74.00	25.53	peak



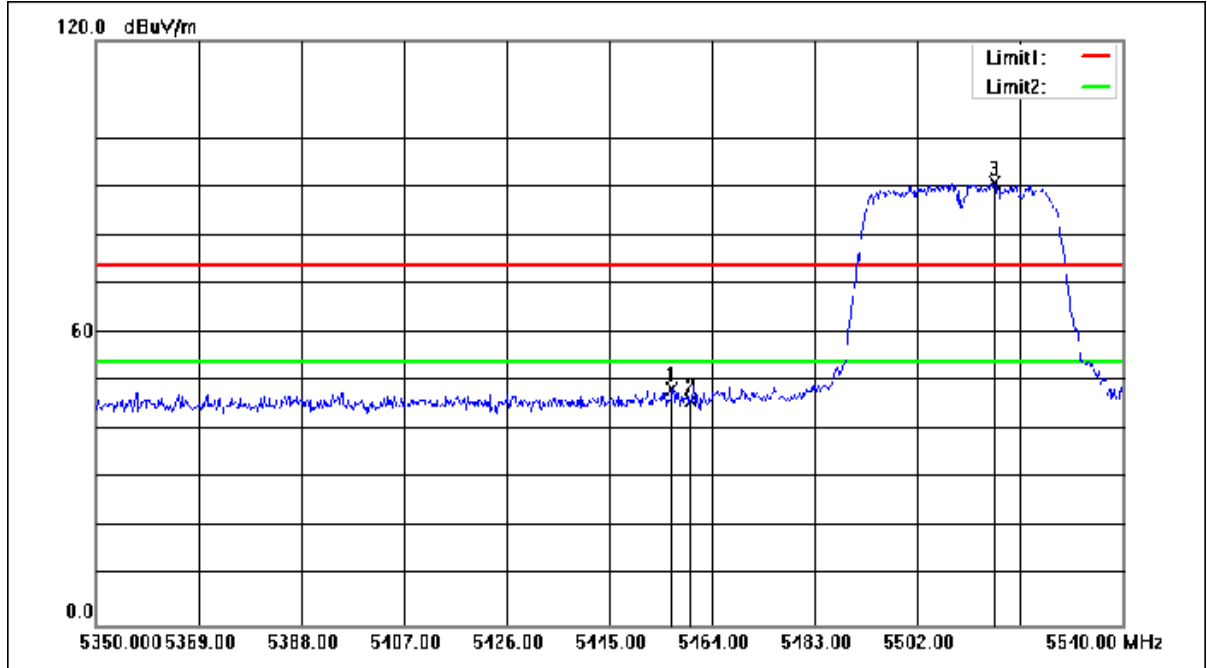
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Mode:h; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5456.590	49.70	-1.24	48.46	74.00	-25.54	peak
2	5460.000	47.31	-1.23	46.08	74.00	-27.92	peak
3	5516.250	91.94	-1.22	90.72	74.00	16.72	peak



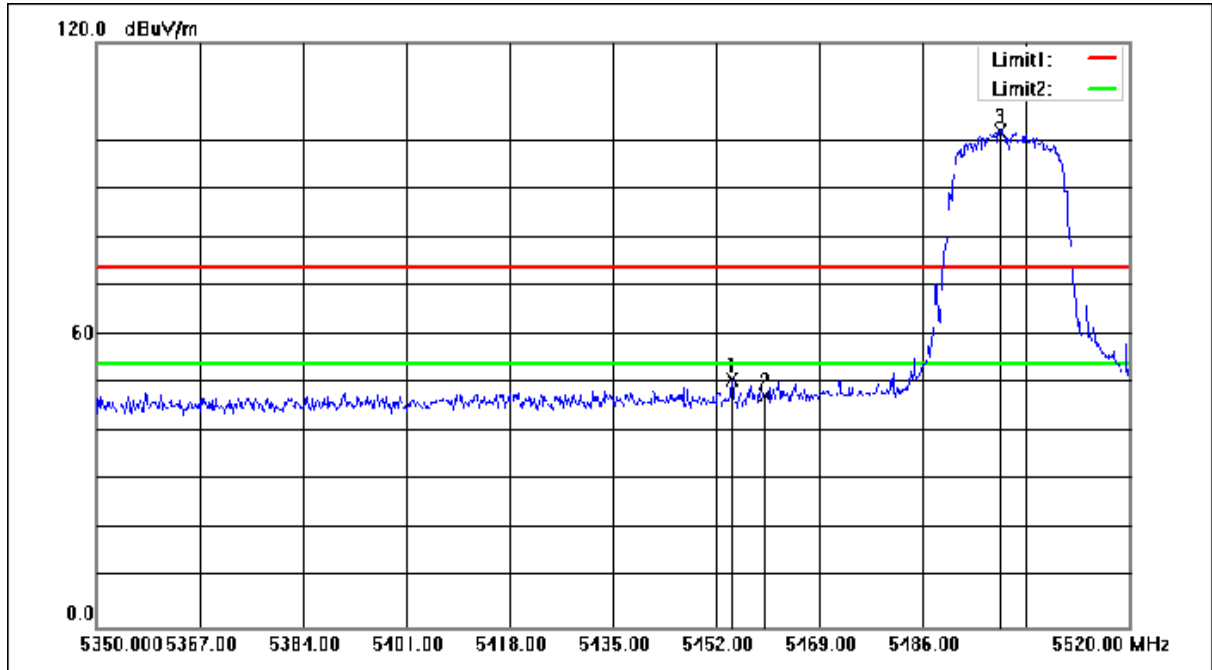
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.550	52.01	-1.24	50.77	74.00	-23.23	peak
2	5460.000	48.76	-1.23	47.53	74.00	-26.47	peak
3	5498.750	103.23	-1.23	102.00	74.00	28.00	peak



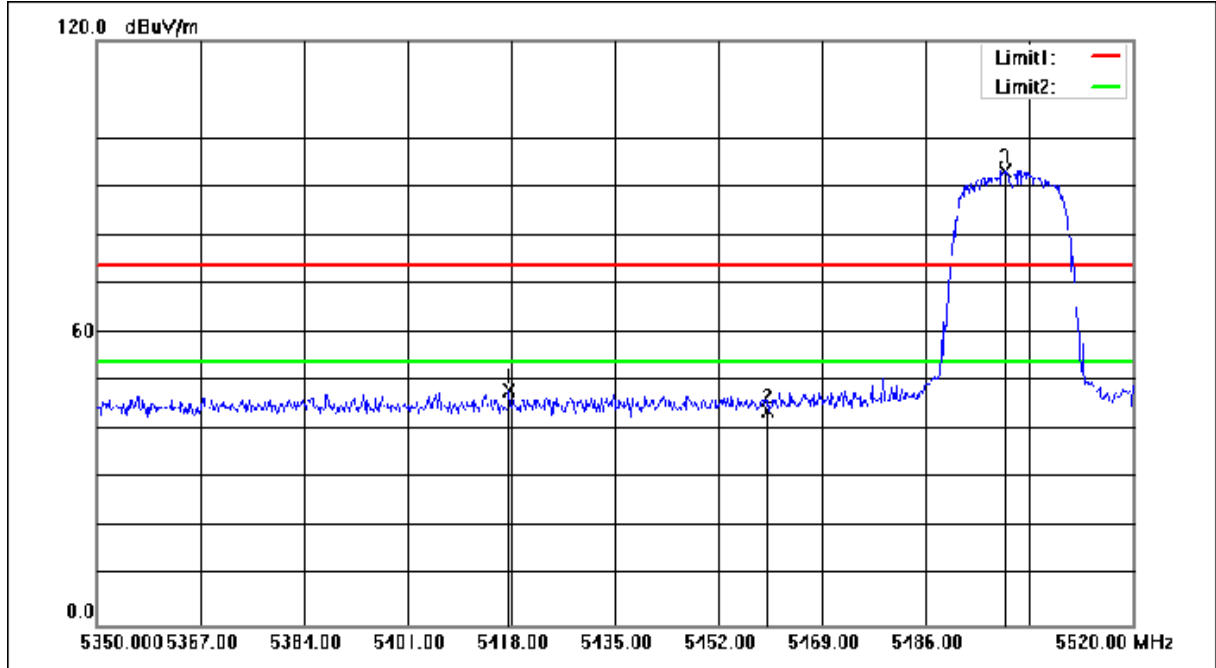
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5417.660	49.45	-1.26	48.19	74.00	-25.81	peak
2	5460.000	45.16	-1.23	43.93	74.00	-30.07	peak
3	5499.090	94.46	-1.23	93.23	74.00	19.23	peak



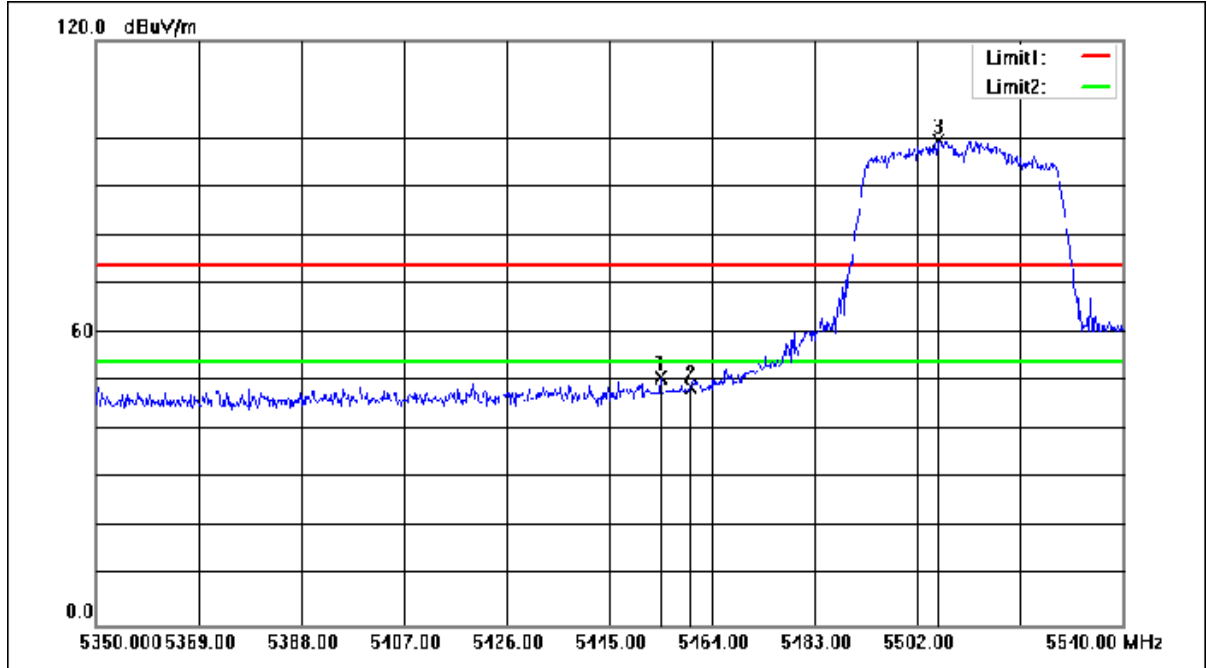
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.500	51.99	-1.24	50.75	74.00	-23.25	peak
2	5460.000	49.91	-1.23	48.68	74.00	-25.32	peak
3	5505.990	100.59	-1.22	99.37	74.00	25.37	peak



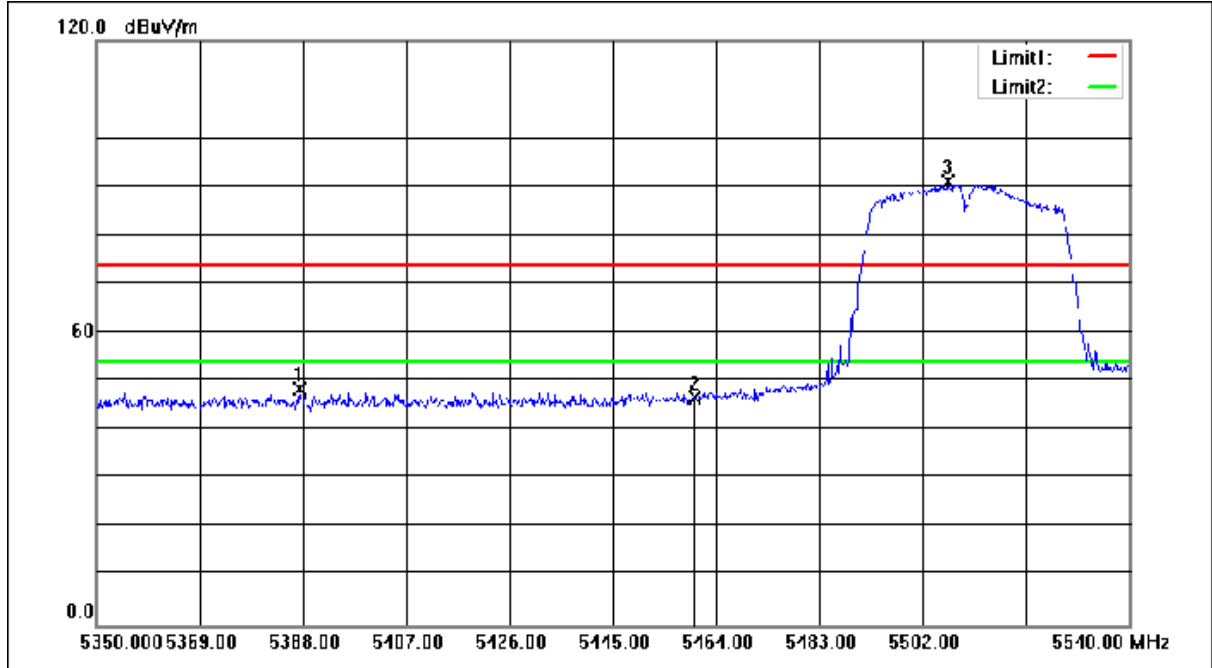
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5387.240	49.78	-1.28	48.50	74.00	-25.50	peak
2	5460.000	47.88	-1.23	46.65	74.00	-27.35	peak
3	5506.750	92.34	-1.22	91.12	74.00	17.12	peak



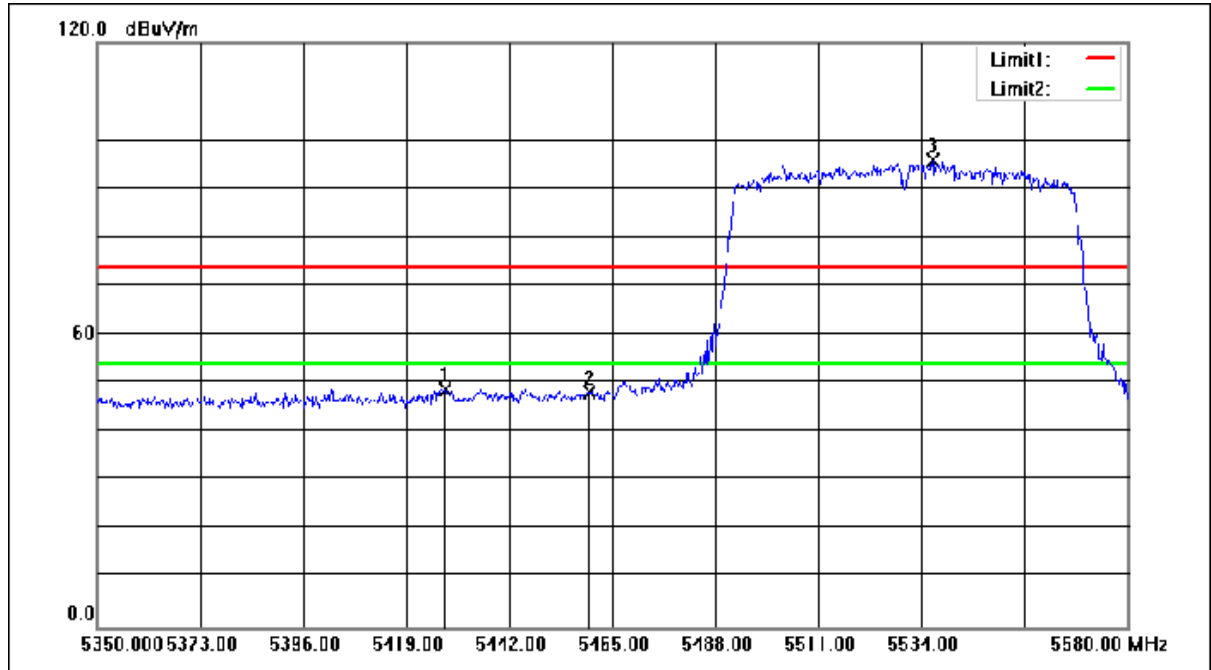
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Mode:h; Polarization:Horizontal; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5427.740	50.01	-1.25	48.76	74.00	-25.24	peak
2	5460.000	49.31	-1.23	48.08	74.00	-25.92	peak
3	5536.530	97.19	-1.22	95.97	74.00	21.97	peak



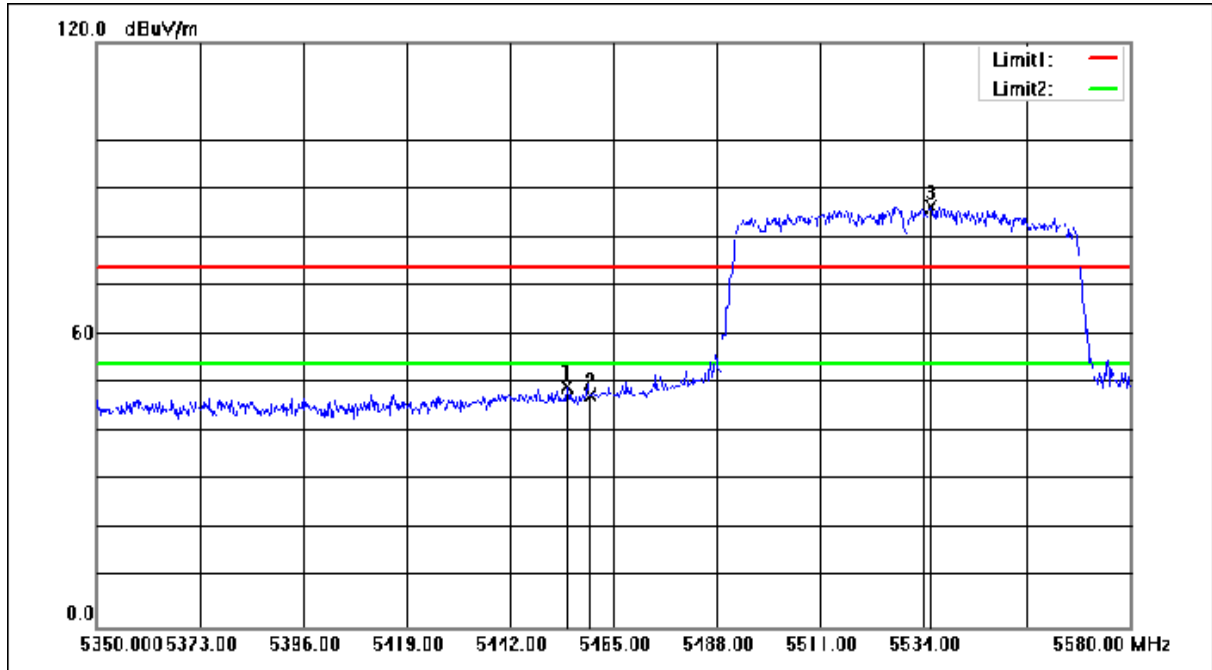
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Mode:h; Polarization:Vertical; Modulation:c; bandwidth:80MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5454.650	50.72	-1.24	49.48	74.00	-24.52	peak
2	5460.000	48.72	-1.23	47.49	74.00	-26.51	peak
3	5535.610	87.51	-1.22	86.29	74.00	12.29	peak



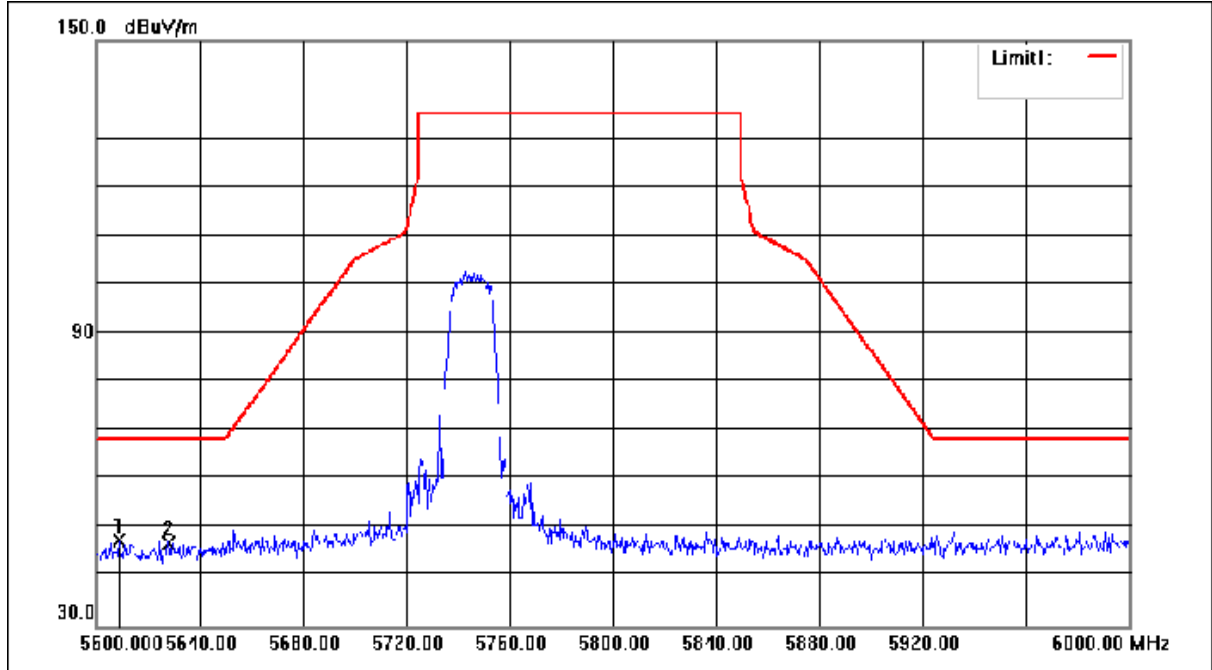
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Mode:i; Polarization:Horizontal; Modulation:a; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.800	48.65	-1.18	47.47	68.20	-20.73	peak
2	5628.000	47.97	-1.15	46.82	68.20	-21.38	peak



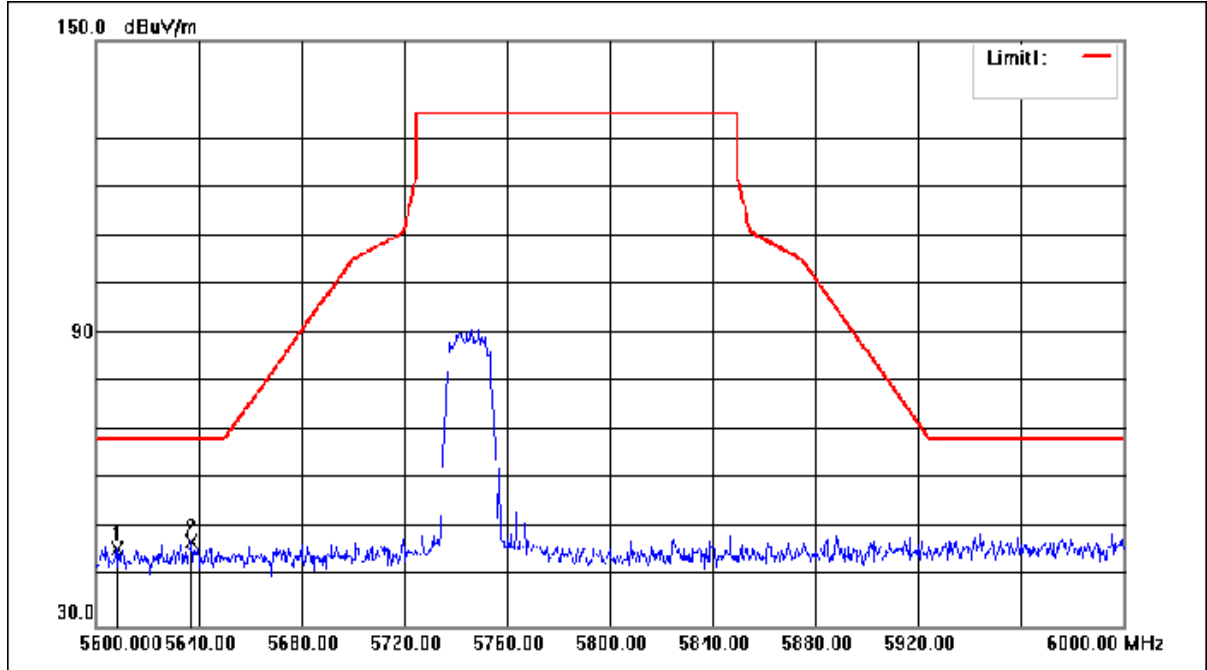
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Mode:i; Polarization:Vertical; Modulation:a; bandwidth:20MHz; Channel:Low



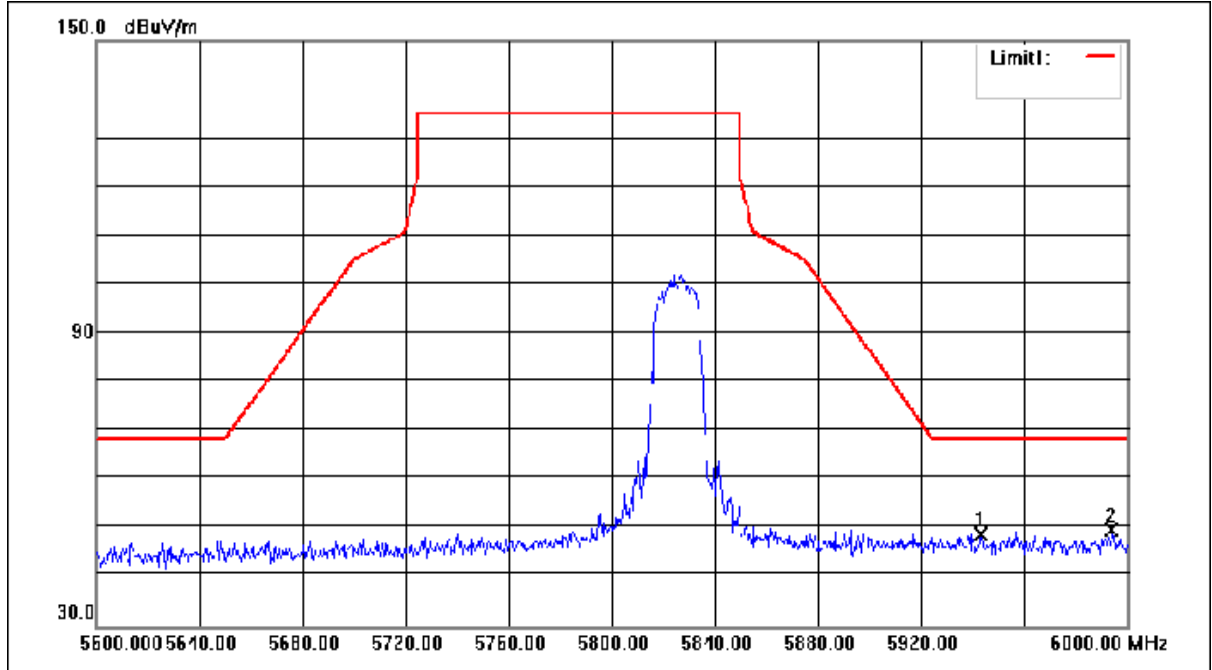
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.000	46.98	-1.18	45.80	68.20	-22.40	peak
2	5637.200	48.26	-1.13	47.13	68.20	-21.07	peak



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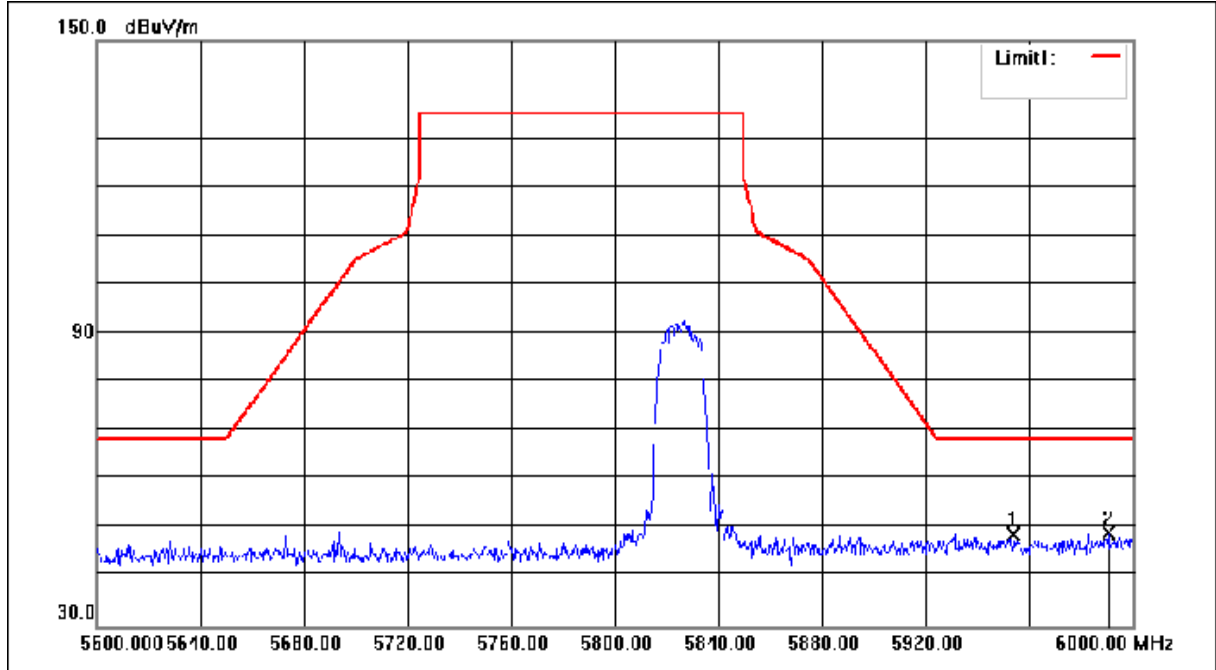
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5943.200	48.51	0.19	48.70	68.20	-19.50	peak
2	5994.000	49.09	0.58	49.67	68.20	-18.53	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5954.000	48.49	0.28	48.77	68.20	-19.43	peak
2	5990.400	48.47	0.55	49.02	68.20	-19.18	peak



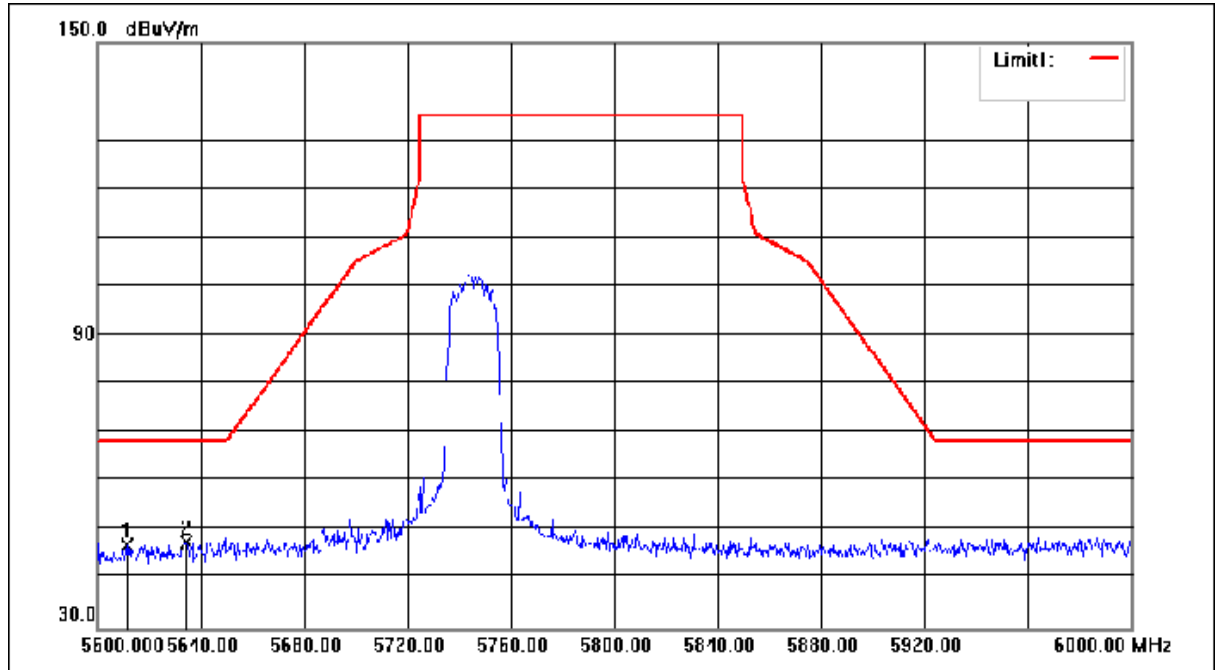
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Mode:i; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5611.600	48.05	-1.17	46.88	68.20	-21.32	peak
2	5634.400	48.81	-1.14	47.67	68.20	-20.53	peak



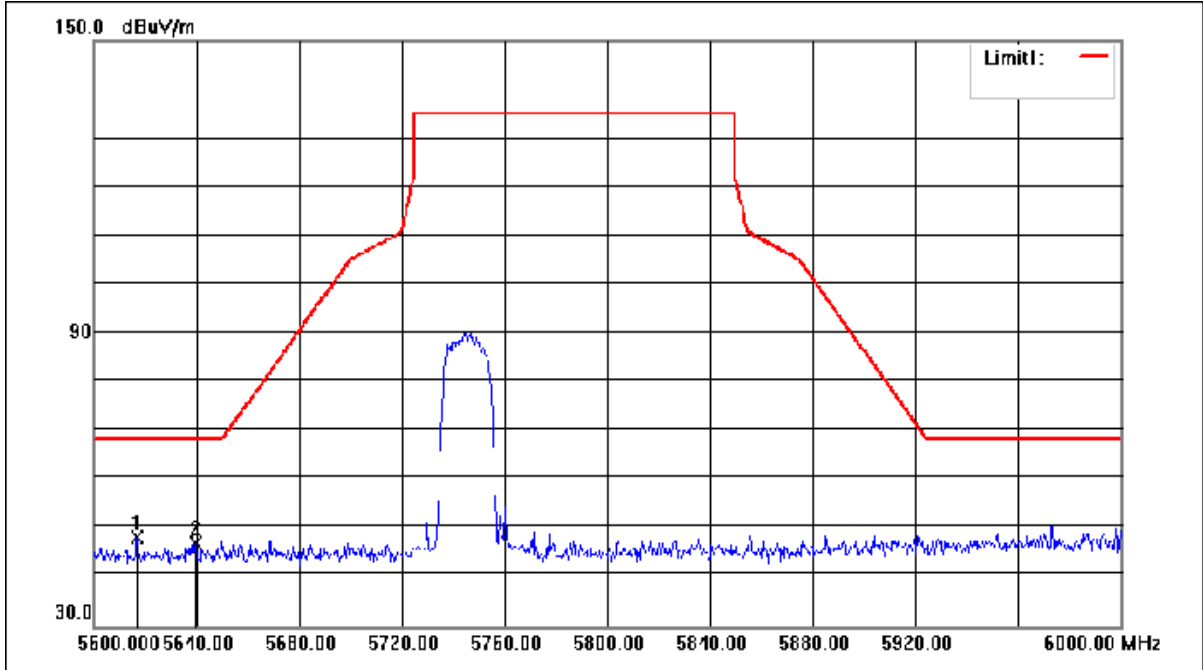
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



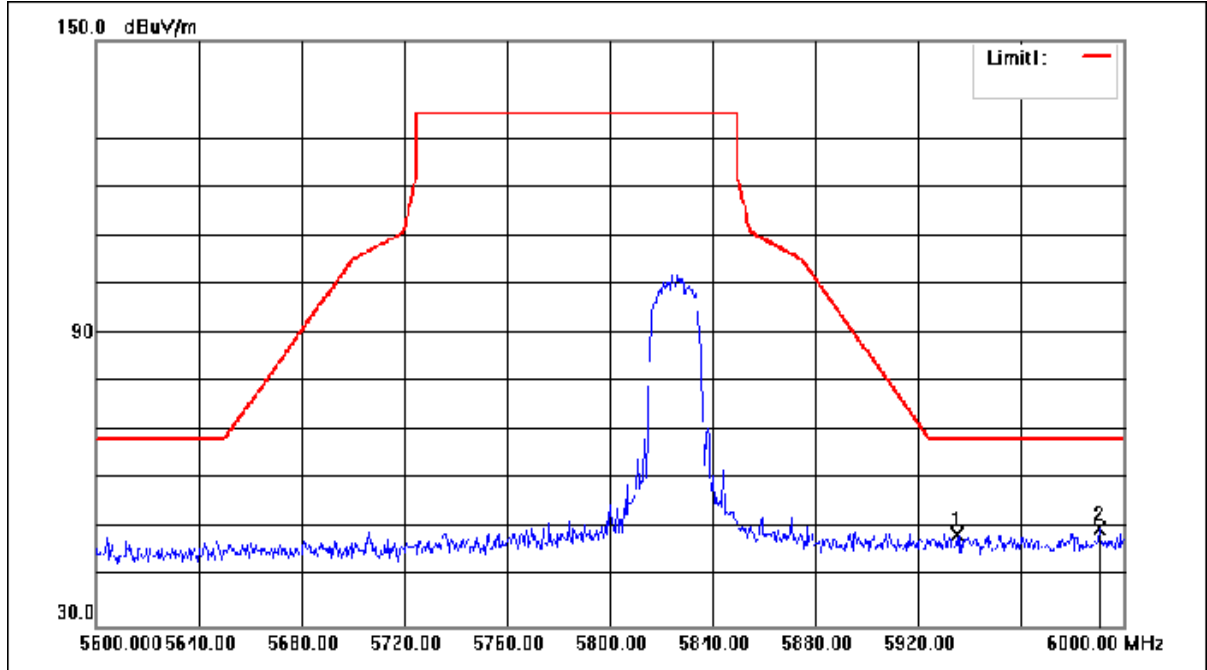
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5616.800	49.39	-1.16	48.23	68.20	-19.97	peak
2	5639.600	48.11	-1.13	46.98	68.20	-21.22	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5935.200	48.64	0.13	48.77	68.20	-19.43	peak
2	5990.400	49.48	0.55	50.03	68.20	-18.17	peak



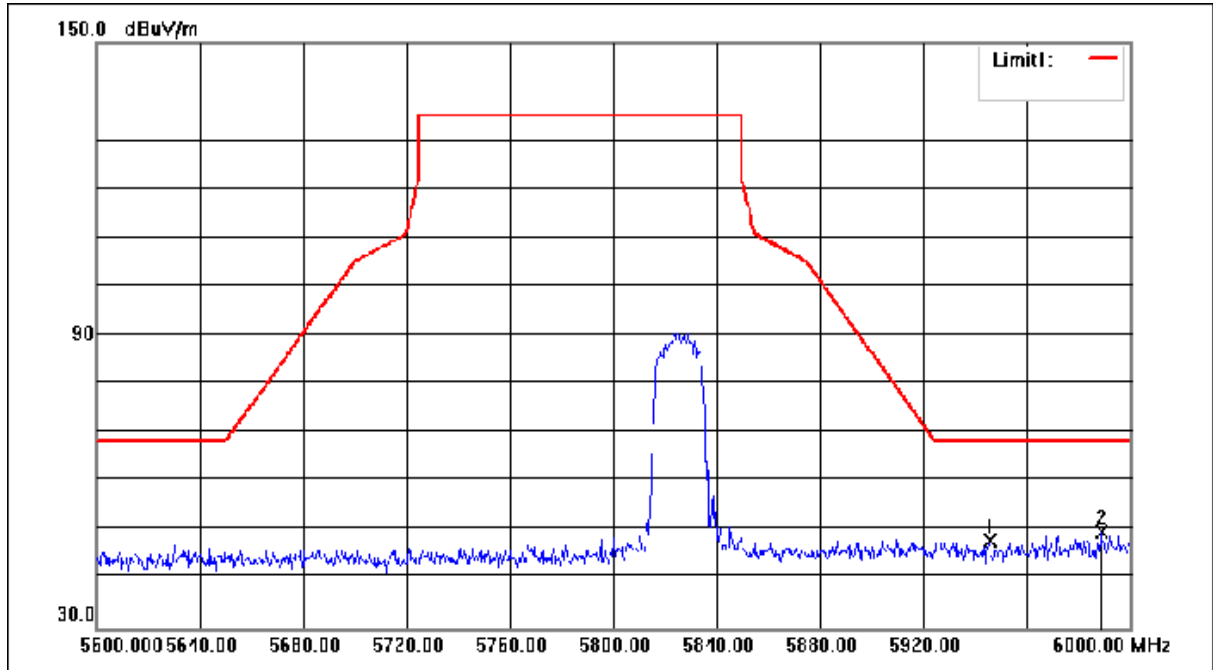
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5945.600	47.79	0.21	48.00	68.20	-20.20	peak
2	5988.800	48.98	0.54	49.52	68.20	-18.68	peak



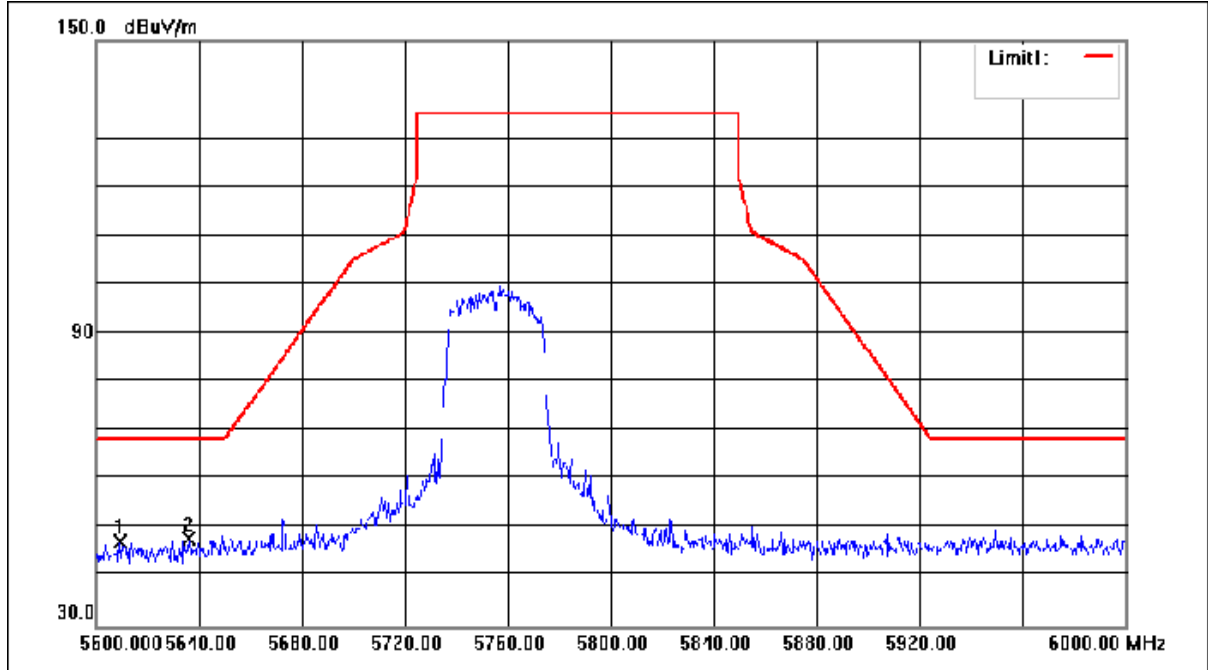
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Mode:i; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



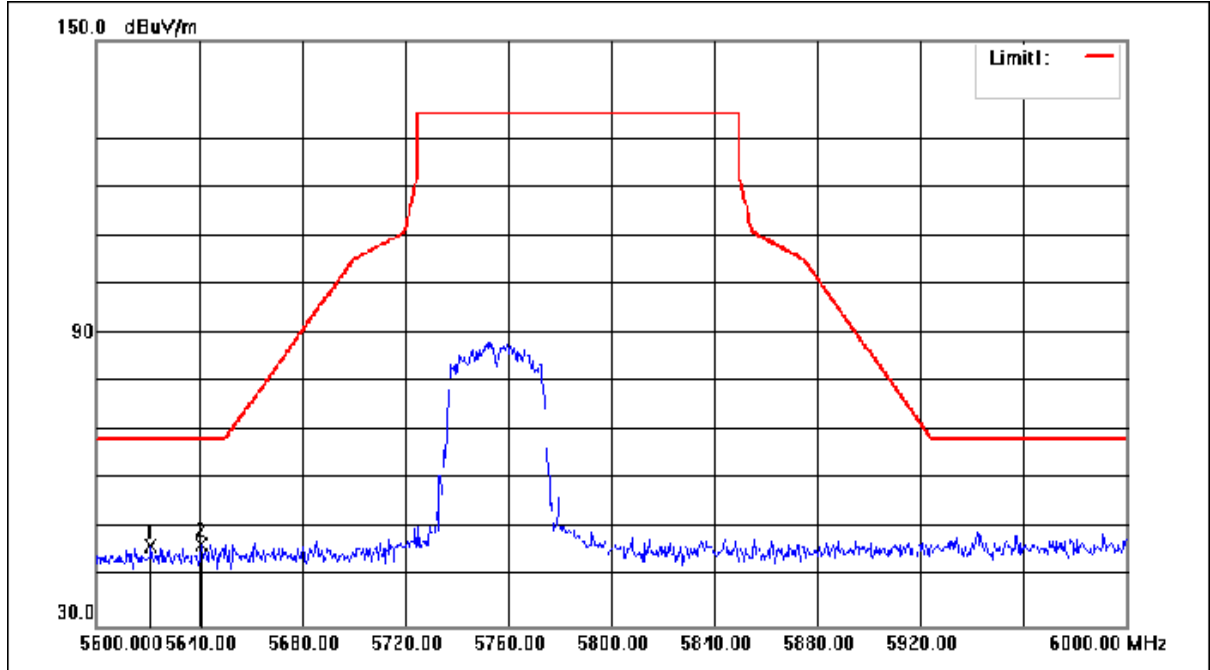
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5609.200	48.53	-1.18	47.35	68.20	-20.85	peak
2	5636.000	49.12	-1.14	47.98	68.20	-20.22	peak



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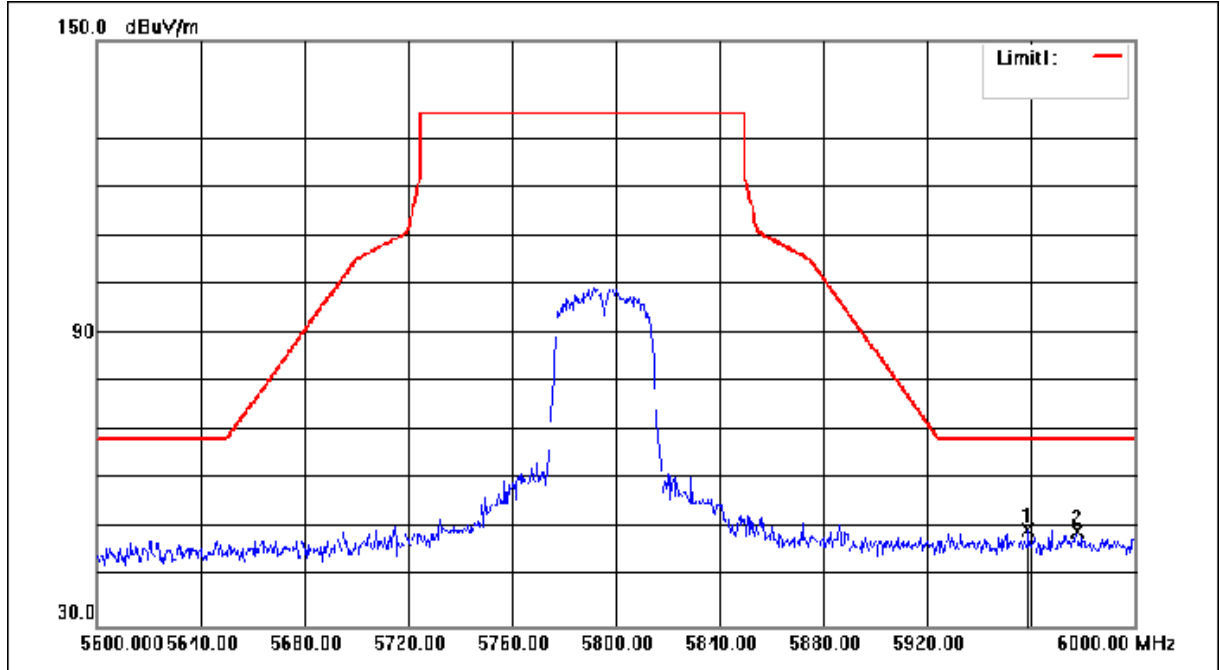
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5621.200	47.40	-1.16	46.24	68.20	-21.96	peak
2	5640.800	47.75	-1.13	46.62	68.20	-21.58	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5958.800	49.41	0.32	49.73	68.20	-18.47	peak
2	5977.600	48.88	0.46	49.34	68.20	-18.86	peak



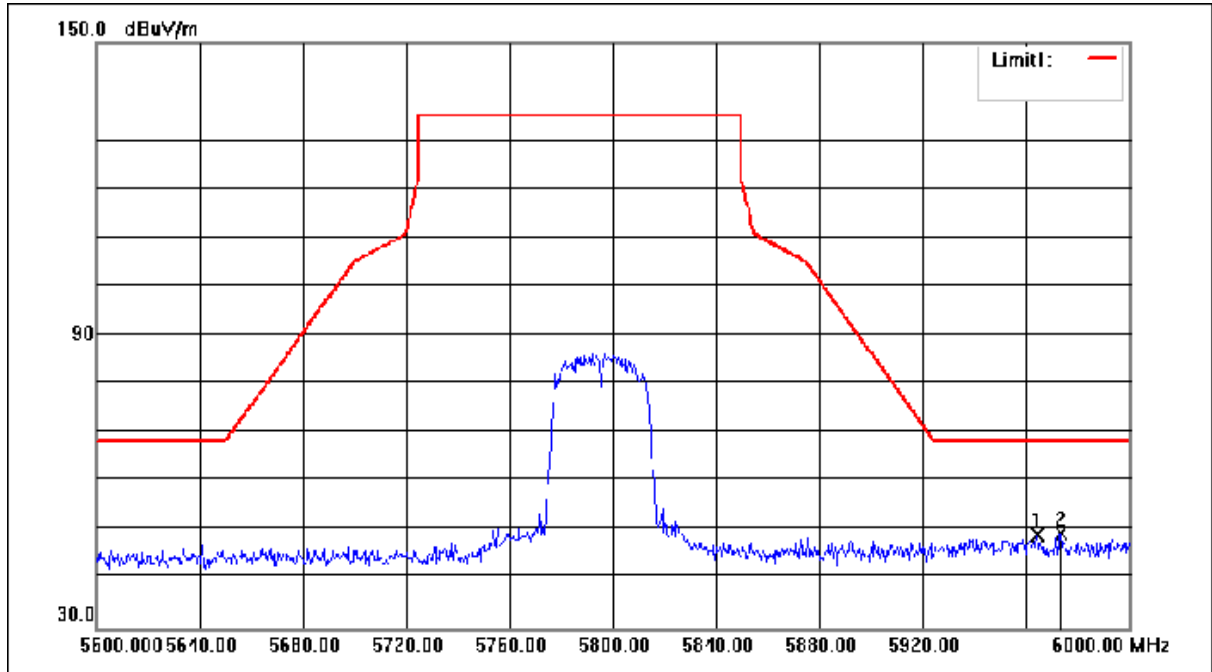
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Mode:i; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5964.400	48.76	0.36	49.12	68.20	-19.08	peak
2	5973.600	49.07	0.43	49.50	68.20	-18.70	peak



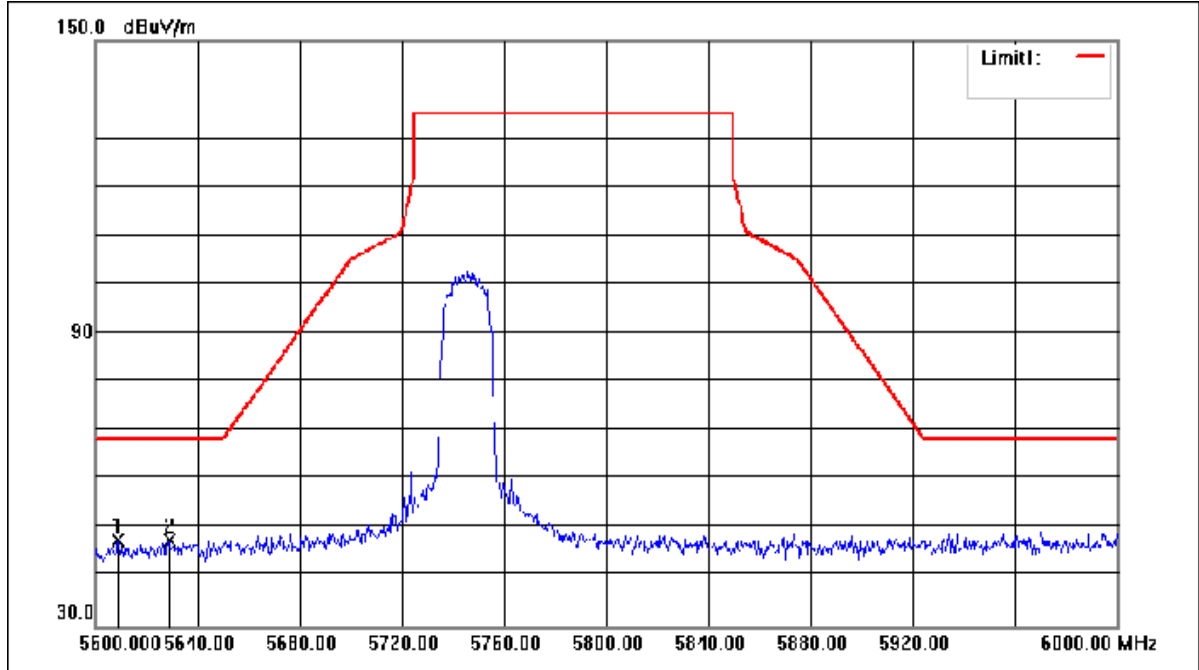
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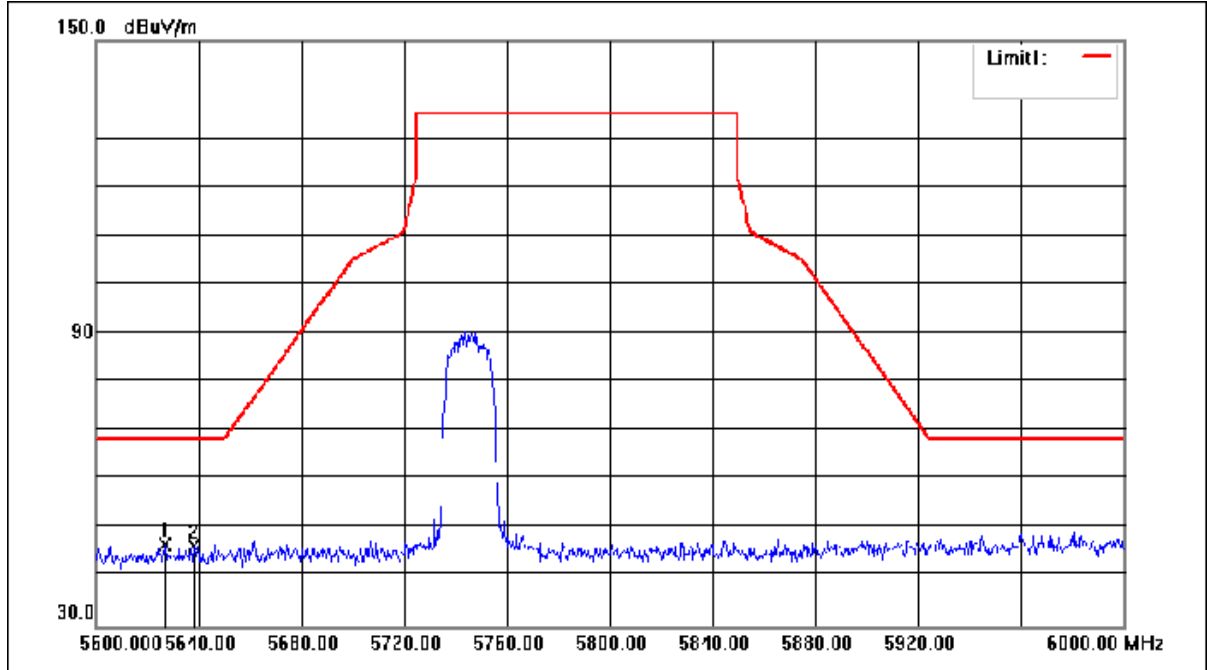
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5608.800	48.75	-1.18	47.57	68.20	-20.63	peak
2	5628.800	48.71	-1.15	47.56	68.20	-20.64	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5626.800	47.66	-1.15	46.51	68.20	-21.69	peak
2	5638.000	47.55	-1.13	46.42	68.20	-21.78	peak



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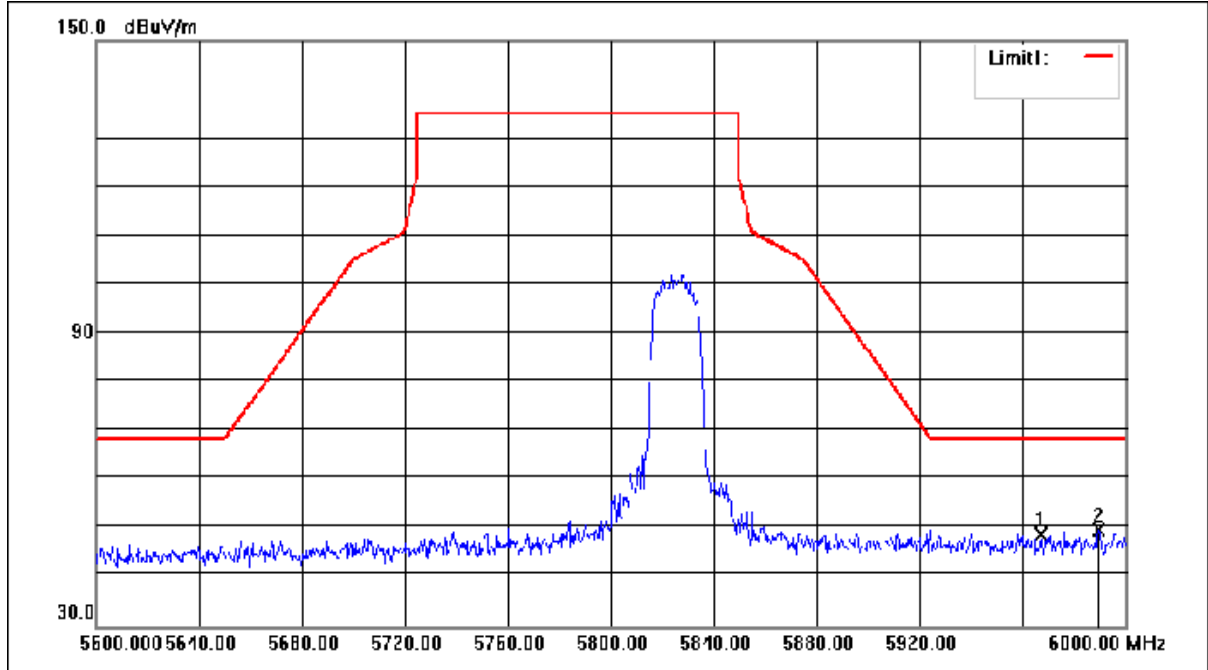
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:20MHz; Channel:High



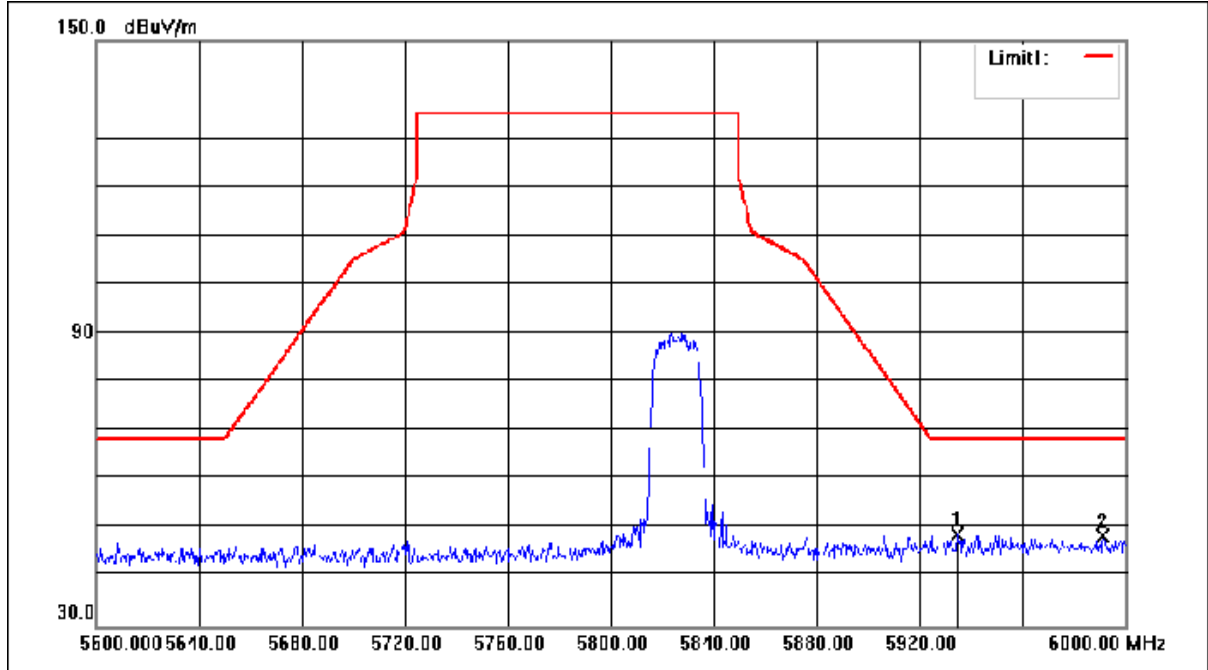
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5967.200	48.47	0.38	48.85	68.20	-19.35	peak
2	5989.600	49.12	0.54	49.66	68.20	-18.54	peak



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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5934.800	48.54	0.13	48.67	68.20	-19.53	peak
2	5991.200	48.03	0.56	48.59	68.20	-19.61	peak



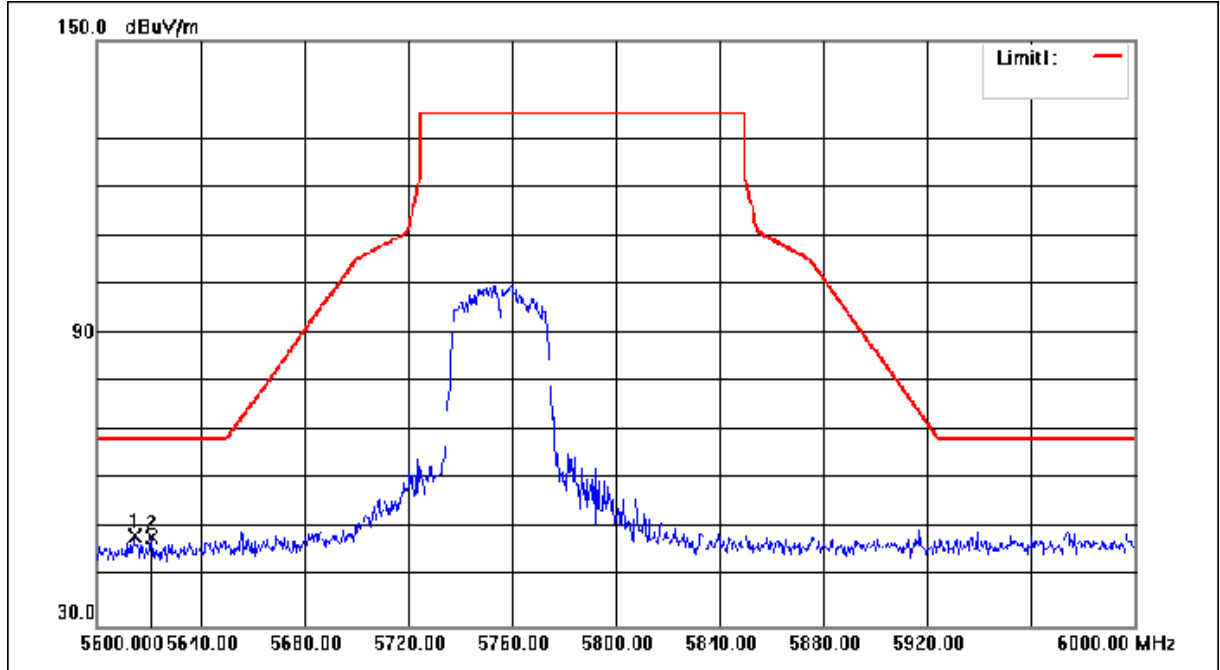
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Mode:i; Polarization:Horizontal; Modulation:c; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.400	49.57	-1.17	48.40	68.20	-19.80	peak
2	5620.800	49.41	-1.16	48.25	68.20	-19.95	peak



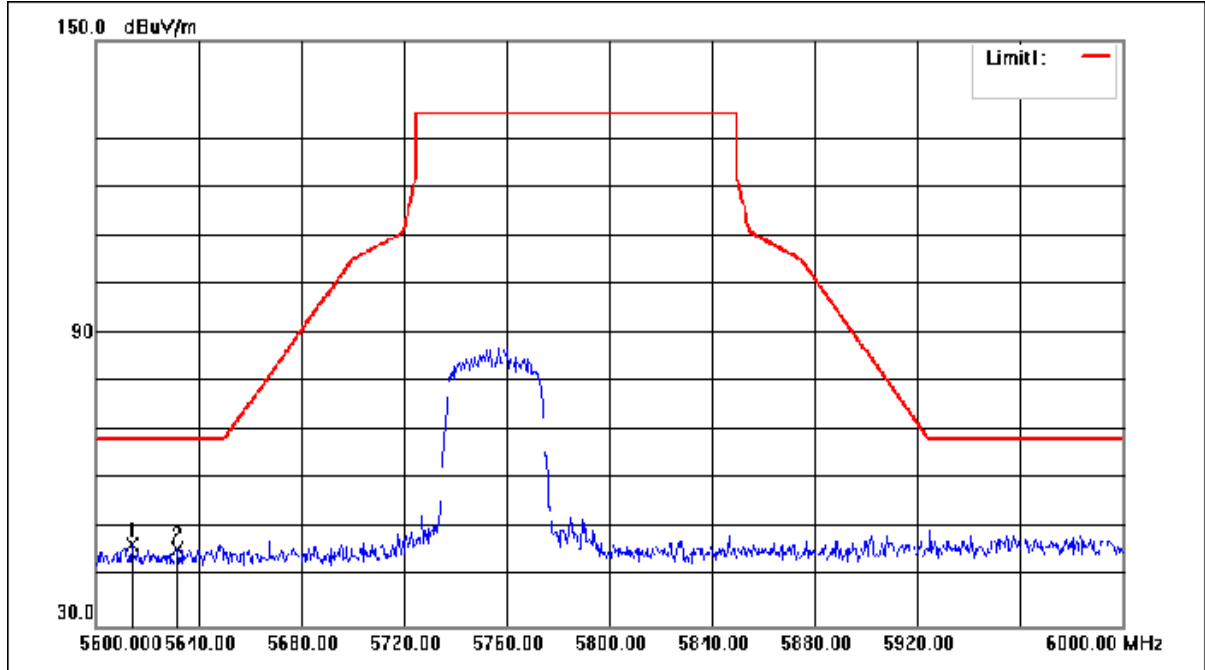
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5614.000	47.79	-1.17	46.62	68.20	-21.58	peak
2	5631.600	46.86	-1.14	45.72	68.20	-22.48	peak



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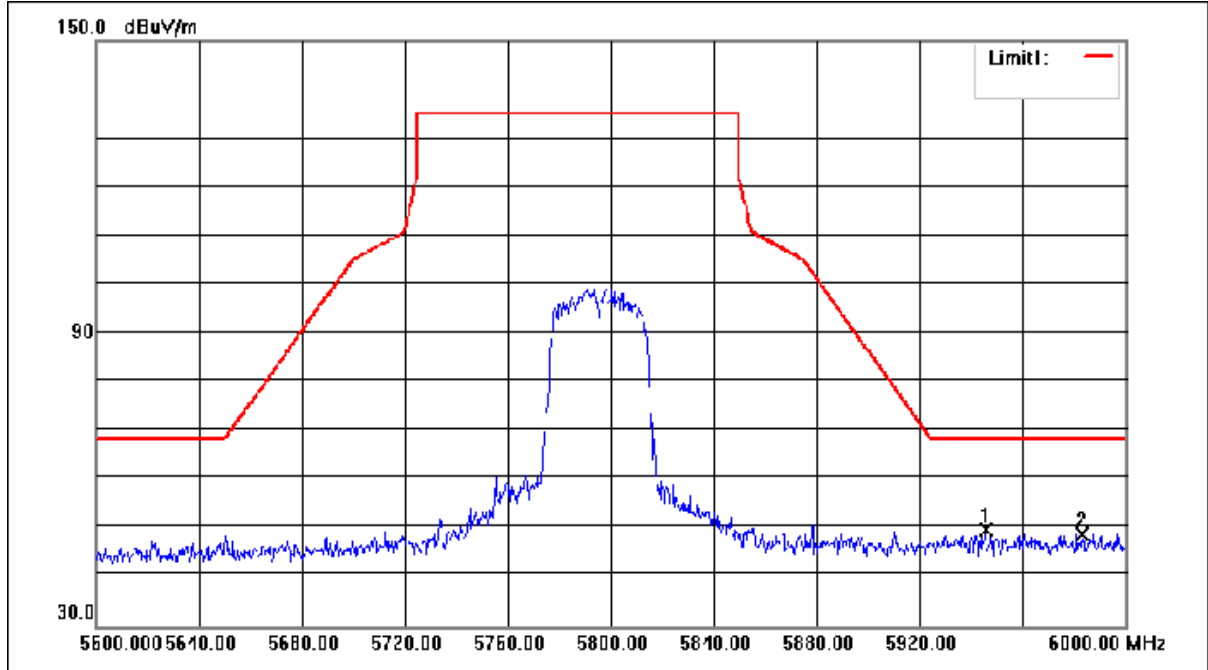
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5945.600	49.36	0.21	49.57	68.20	-18.63	peak
2	5983.200	48.39	0.50	48.89	68.20	-19.31	peak



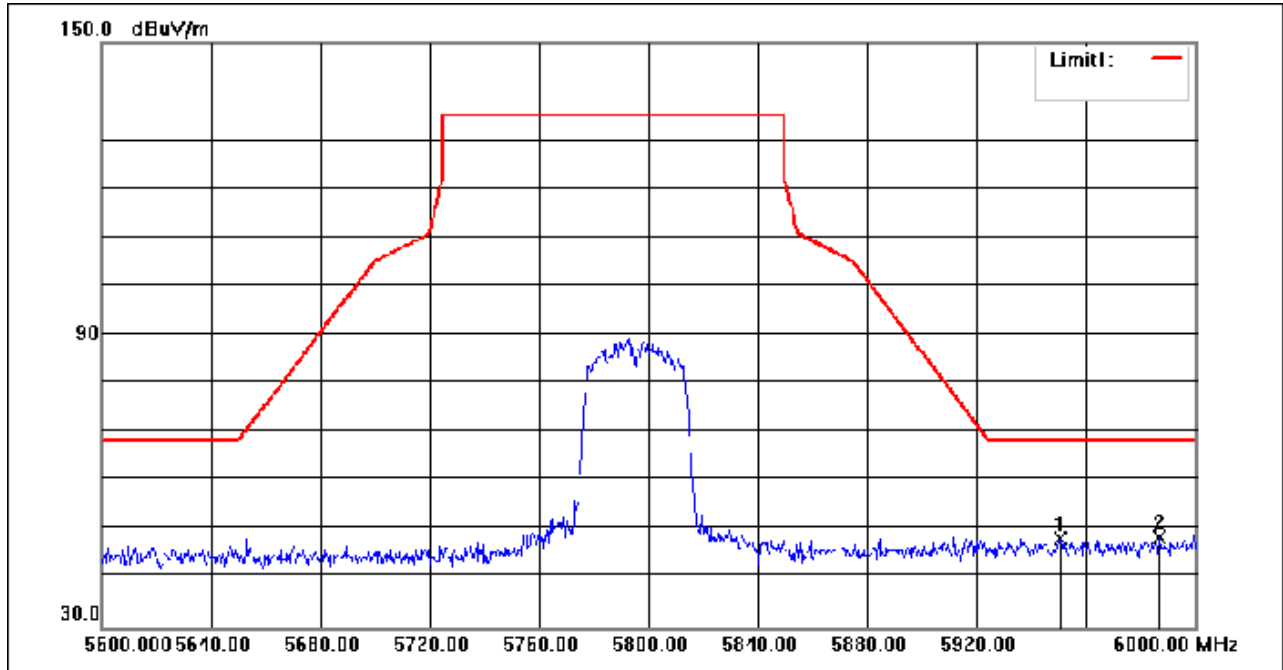
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Mode:i; Polarization:Vertical; Modulation:c; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	5950.400	47.83	0.26	48.09	68.20	-20.11	peak
2	5986.800	47.96	0.52	48.48	68.20	-19.72	peak



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8 Photographs

Refer to the < Photographs >

- End of the Report -



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