



TEST REPORT

Application No.: SHCR2108000027AT
FCC ID: UCZ-AY41TR-Z
IC: 8575A-AY41TRZ
Applicant: Lorex Technology Inc.
Address of Applicant: 250 Royal crest Court Markham, ON L3R 3S1 Canada
Manufacturer: Lorex Technology Inc.
Address of Manufacturer: 250 Royal crest Court Markham, ON L3R 3S1 Canada
Equipment Under Test (EUT):
EUT Name: Sensor Hub
Model No.: AY41TR-Z
Trade mark: LOREX
Standard(s) : 47 CFR Part 15, Subpart C 15.247
RSS-247 Issue 2, February 2017
RSS-GEN Issue 5 Amendment 2 (February 2, 2021)
Date of Receipt: 2021-09-25
Date of Test: 2021-09-26 to 2021-09-27
Date of Issue: 2021-09-28

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

Parlam Zhan

Parlam Zhan
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	2021-09-28	/

Authorized for issue by:			
			
		Micheal Niu / Project Engineer	
			
		Parlam Zhan / Reviewer	



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2 Test Summary

Radio Spectrum Matter Part					
Item	Standard	Method	FCC Requirement	IC Requirement	Result
Conducted Peak Output Power	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 11.9.1	47 CFR Part 15, Subpart C 15.247(b)(3)	RSS-247 Clause 5.4(d)	Pass
Radiated Emissions which fall in the restricted bands	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.10.5	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	RSS-247 Section 3.3 & RSS-Gen Section 8.9	Pass
Radiated Spurious Emissions	47 CFR Part 15, Subpart C 15.247	ANSI C63.10 (2013) Section 6.4,6.5,6.6	47 CFR Part 15, Subpart C 15.209 & 15.247(d)	RSS-247 Section 3.3 & RSS-Gen Section 8.9	Pass

Declaration of EUT Family Grouping:

Note: The EUT which has been certified (FCC ID:UCZ-AY41TR-Z;IC:8575A-AY41TRZ) only changed the motherboard chip's Manufacturer and added components. We test items for Radiated Emissions which fall in the restricted bands and Radiated Spurious Emissions in this report.



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4 General Information

4.1 Details of E.U.T.

Power supply: DC 5V By Adapter
Adapter:
MODEL:NBS05B05100VUU
INPUT 100V-240V,50/60Hz,0.2A
OUTPUT 5V,1A

Test voltage: AC120V/60Hz

Serial Number: ND012005043381

Firmware Version: V1.000.0000000.4.R.20200511

Cable: USB cable 50cm

Antenna Gain: 3 dBi

Antenna Type: FPC Antenna

Channel Spacing: 5MHz

Modulation Type: 802.11b: DSSS (CCK, DQPSK, DBPSK)
802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)

Number of Channels: 802.11b/g/n(HT20):11
802.11n(HT40):7

Operation Frequency: 802.11b/g/n(HT20): 2412MHz to 2462MHz
802.11n(HT40): 2422MHz to 2452MHz

Description The BLE and the WIFI can simultaneous transmitting at frequency 2.4GHz band.

4.2 Power level setting using in test:

Channel	802.11b	802.11g	802.11n(HT20)
1	48	50	50
6	48	50	50
11	48	50	50
Channel	802.11n(HT40)		
3	50		
6	50		
9	50		

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Note Book	Acer	ZQT	NXM0QCN01031403EE876
Serial port adapter plate	/	Test Plate 3	/



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4.4 Measurement Uncertainty

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

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



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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.

CAB Identifier: CN0072.

- **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-1600, C-1707, T-1499, 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
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	06/21/2021	06/20/2023
5	Bilog Antenna	SCHWARZBECK	VULB9160	9160-3342	04/13/2021	04/12/2023
6	Horn-antenna(1-18GHz)	Schwarzbeck	BBHA9120D	267	10/26/2020	10/25/2022
7	Horn-antenna(1-18GHz)	ETS-LINDGREN	3117	00143290	02/22/2021	02/21/2023
8	Horn Antenna(18-40GHz)	Schwarzbeck	BBHA9170	BBHA9170171	02/22/2021	02/21/2022
9	Pre-Amplifier(30MHz~18GHz)	LNA	/	/	04/15/2021	04/14/2022
10	Amplifier(18~40GHz)	COM-POWER	PAM-840A	461332	10/23/2020	10/22/2021
11	Low Pass Filter	MICRO-TRONICS	VLFX-950	RV142900829	N.C.R	N.C.R
12	High Pass Filter	Mini-Circuits	VHF-1200	15542	N.C.R	N.C.R
13	Filter (5450MHz~5770 MHz)	MICRO-TRONICS	BRC50704-01	2	N.C.R	N.C.R
14	Filter (5690 MHz~5930 MHz)	MICRO-TRONICS	BRC50705-01	4	N.C.R	N.C.R
15	Filter (5150 MHz~5350 MHz)	MICRO-TRONICS	BRC50703-01	2	N.C.R	N.C.R
16	Filter (885 MHz~915 MHz)	MICRO-TRONICS	BRM14698	1	N.C.R	N.C.R
17	Filter (815 MHz~860 MHz)	MICRO-TRONICS	BRM14697	1	N.C.R	N.C.R
18	Filter (1745 MHz~1910 MHz)	MICRO-TRONICS	BRM14700	1	N.C.R	N.C.R
19	Filter (1922 MHz~1977 MHz)	MICRO-TRONICS	BRM50715	1	N.C.R	N.C.R
20	Filter (2550 MHz)	MICRO-TRONICS	HPM13362	5	N.C.R	N.C.R
21	Filter (1532 MHz~1845 MHz)	MICRO-TRONICS	BRM50713	1	N.C.R	N.C.R
22	Filter (2.4GHz)	MICRO-TRONICS	BRM50701	5	N.C.R	N.C.R
23	RE test cable	/	RE01-RE04	/	04/15/2021	04/14/2022



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6 Radio Spectrum Matter Test Results

6.1 Conducted Peak Output Power

Test Requirement 47 CFR Part 15, Subpart C 15.247(b)(3)

RSS-247 Clause 5.4(d)

Test Method: ANSI C63.10 (2013) Section 11.9.1

Limit:

Frequency range(MHz)	Output power of the intentional radiator(watt)
902-928	1 for ≥ 50 hopping channels
	0.25 for $25 \leq$ hopping channels < 50
	1 for digital modulation
2400-2483.5	1 for ≥ 75 non-overlapping hopping channels
	0.125 for all other frequency hopping systems
	1 for digital modulation
5725-5850	1 for frequency hopping systems and digital modulation



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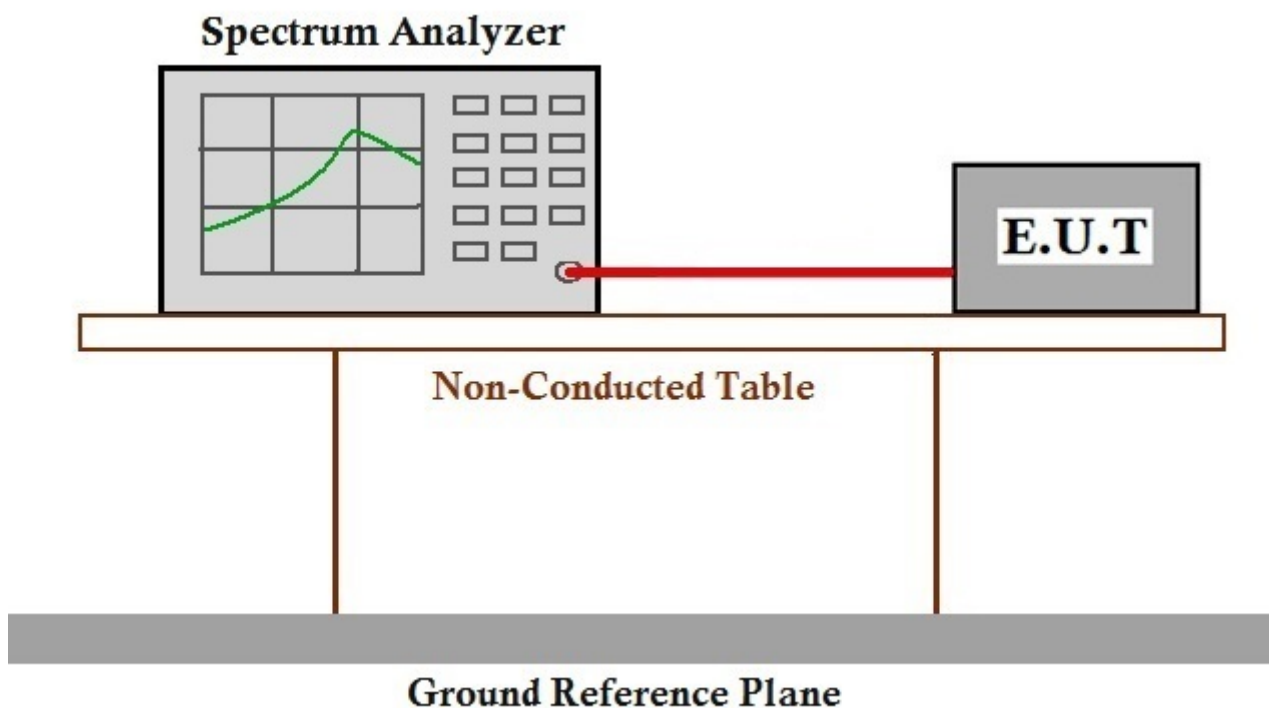
6.1.1 E.U.T. Operation

Operating Environment:

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

Test mode a:TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

6.1.2 Test Setup Diagram



6.1.3 Measurement Procedure and Data

Test Mode	Frequency (MHz)	Tx Type	Measured Peak Output Power (dBm)	Limits (dBm)	Verdict
			Ant 1		
802.11b	2412	SISO	16.15	30	PASS
	2437	SISO	16.02	30	PASS
	2462	SISO	15.59	30	PASS
802.11g	2412	SISO	18.69	30	PASS
	2437	SISO	19.06	30	PASS
	2462	SISO	18.33	30	PASS
802.11n(HT20)	2412	SISO	18.78	30	PASS
	2437	SISO	19.09	30	PASS
	2462	SISO	18.22	30	PASS



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802.11n(HT40)	2422	SISO	19.14	30	PASS
	2437	SISO	19.50	30	PASS
	2452	SISO	19.41	30	PASS



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6.2 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.247(d)

RSS-247 Section 3.3 & RSS-Gen Section 8.9

Test Method: ANSI C63.10 (2013) Section 6.10.5

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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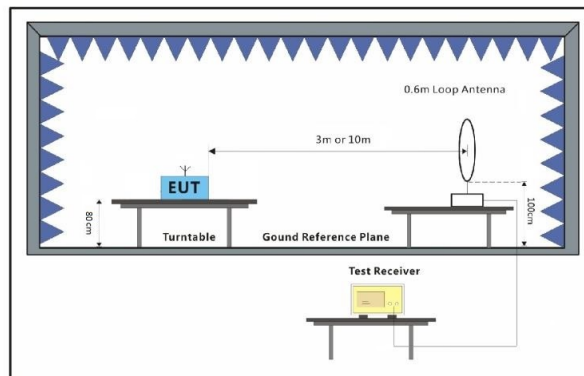
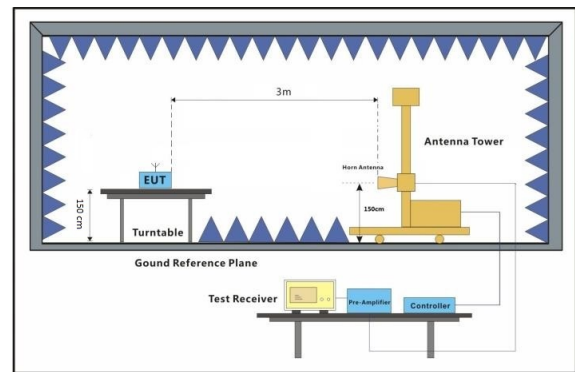
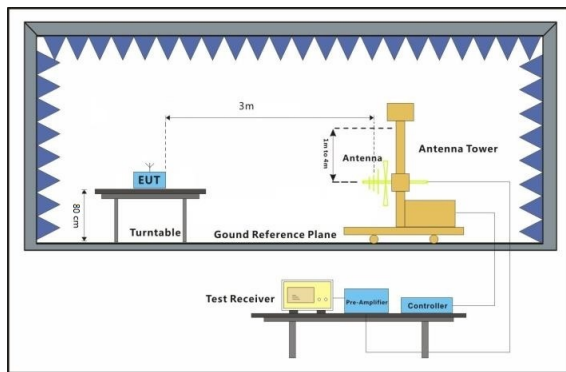
6.2.1 E.U.T. Operation

Operating Environment:

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

Test mode a:TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

6.2.2 Test Setup Diagram



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6.2.3 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

Remark 2: 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.

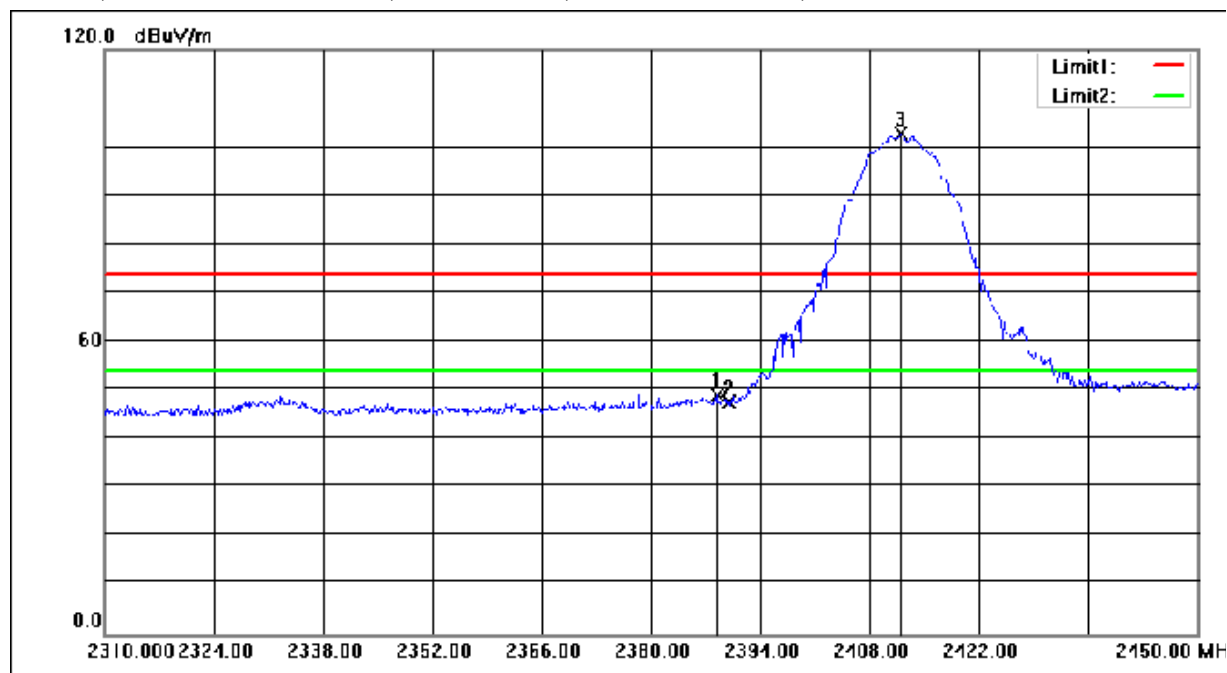


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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.400	63.04	-14.01	49.03	74.00	-24.97	peak
2	2390.000	61.54	-14.01	47.53	74.00	-26.47	peak
3	2412.060	116.60	-13.94	102.66	74.00	28.66	peak



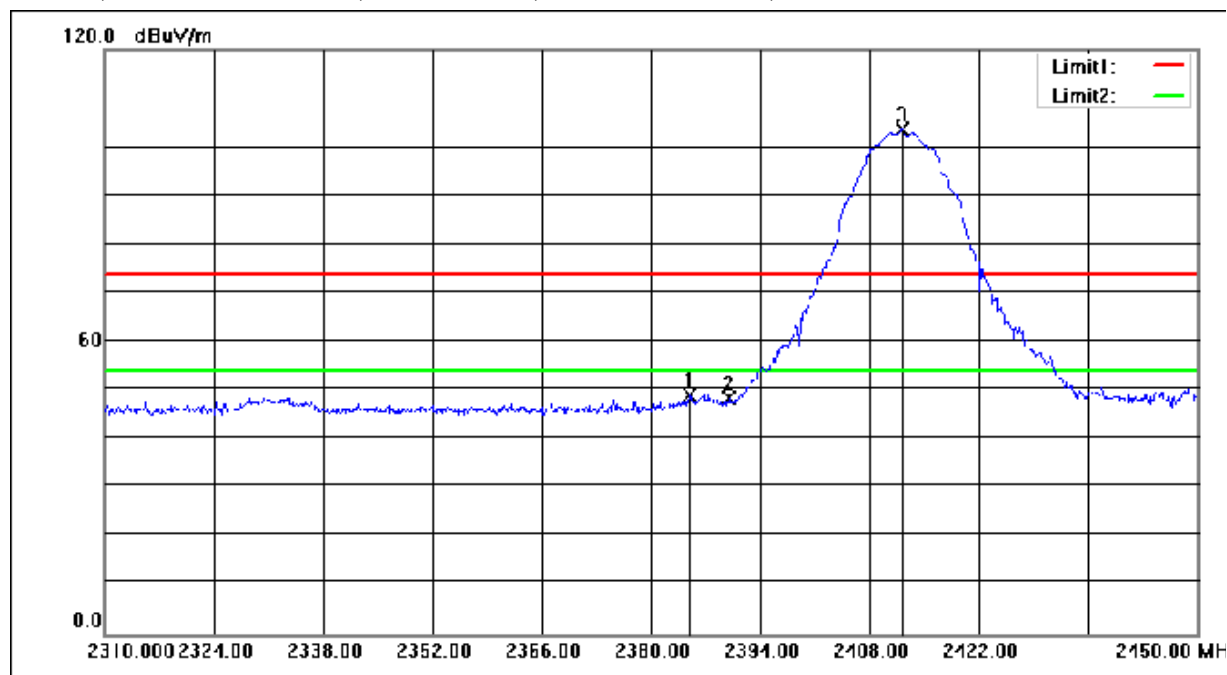
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2384.900	63.08	-14.03	49.05	74.00	-24.95	peak
2	2390.000	62.59	-14.01	48.58	74.00	-25.42	peak
3	2412.200	117.53	-13.94	103.59	74.00	29.59	peak



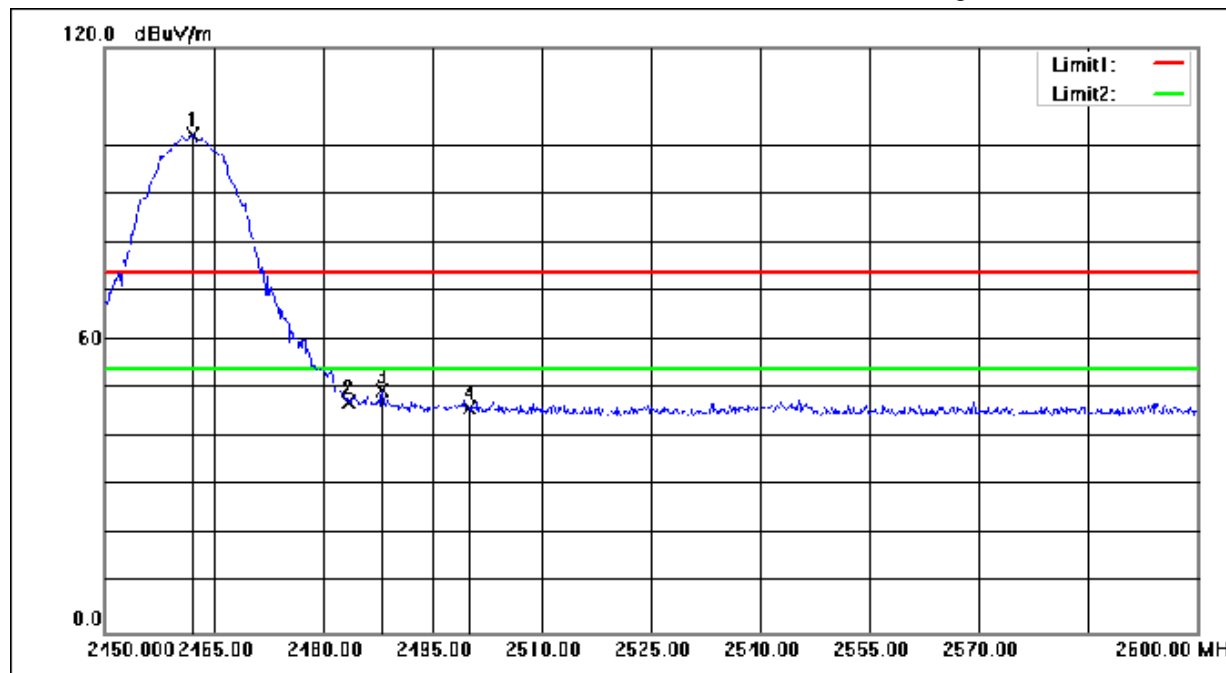
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	115.91	-13.78	102.13	74.00	28.13	peak
2	2483.500	60.99	-13.71	47.28	74.00	-26.72	peak
3	2488.100	63.49	-13.69	49.80	74.00	-24.20	peak
4	2500.000	59.63	-13.64	45.99	74.00	-28.01	peak



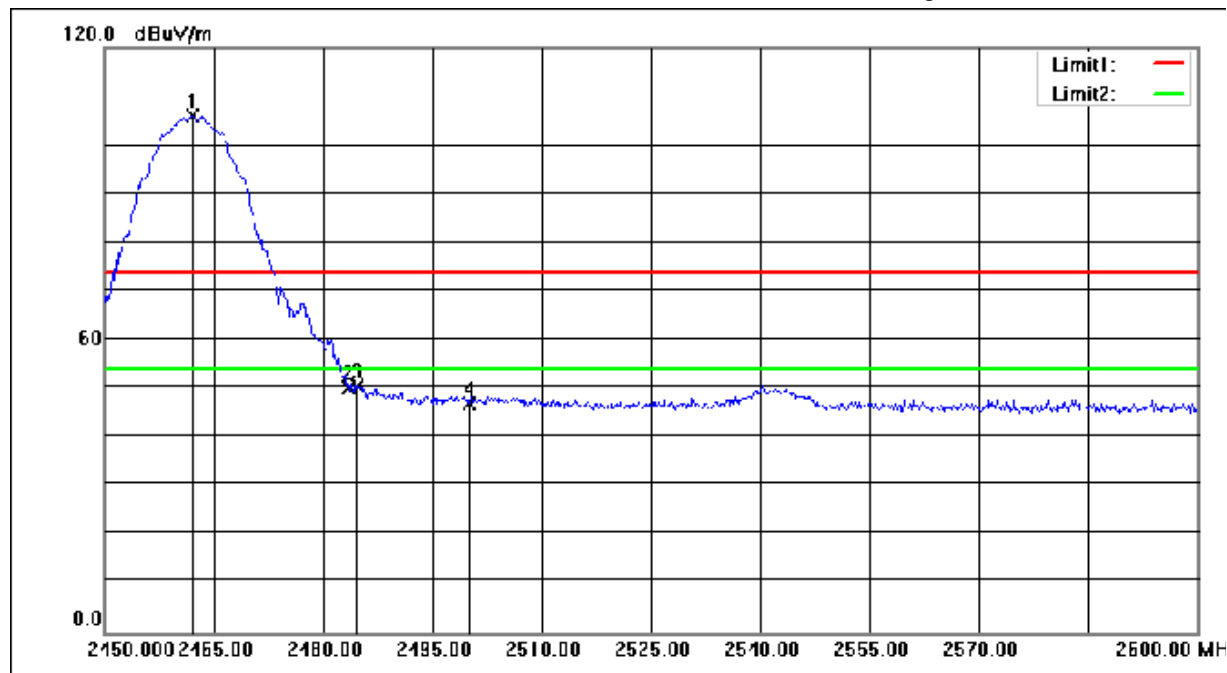
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2462.000	119.88	-13.78	106.10	74.00	32.10	peak
2	2483.500	64.09	-13.71	50.38	74.00	-23.62	peak
3	2484.650	64.28	-13.70	50.58	74.00	-23.42	peak
4	2500.000	60.54	-13.64	46.90	74.00	-27.10	peak



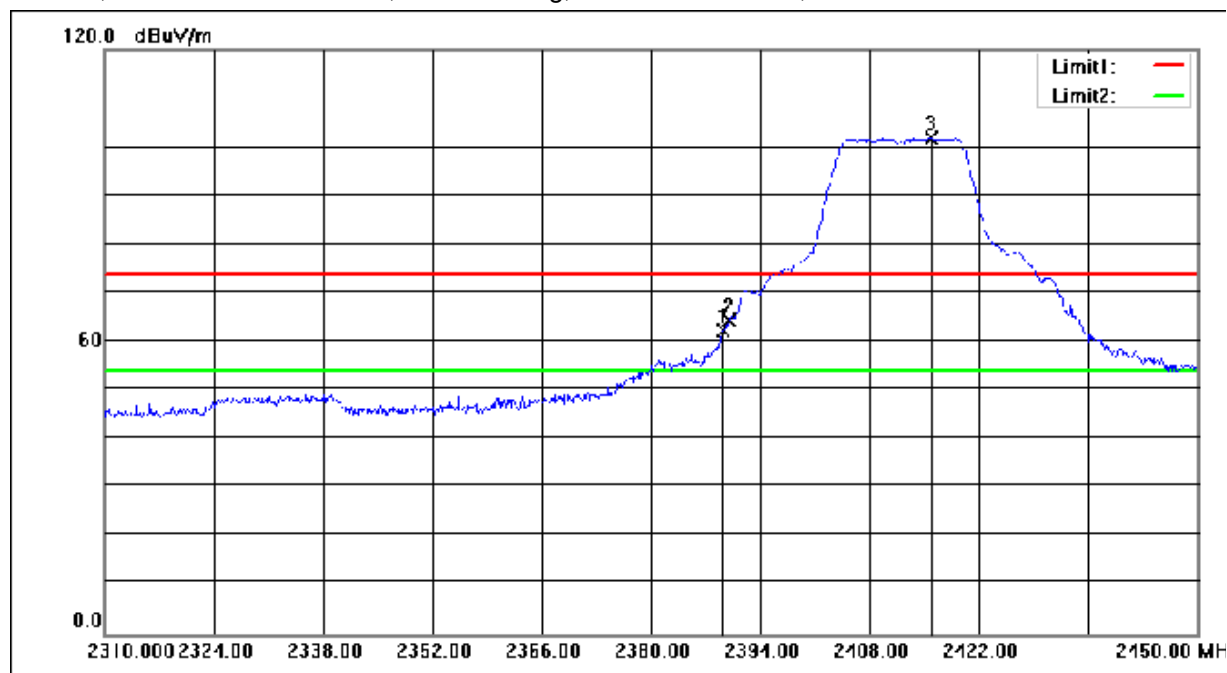
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.240	76.29	-14.01	62.28	74.00	-11.72	peak
2	2390.000	78.39	-14.01	64.38	74.00	-9.62	peak
3	2415.840	115.70	-13.93	101.77	74.00	27.77	peak



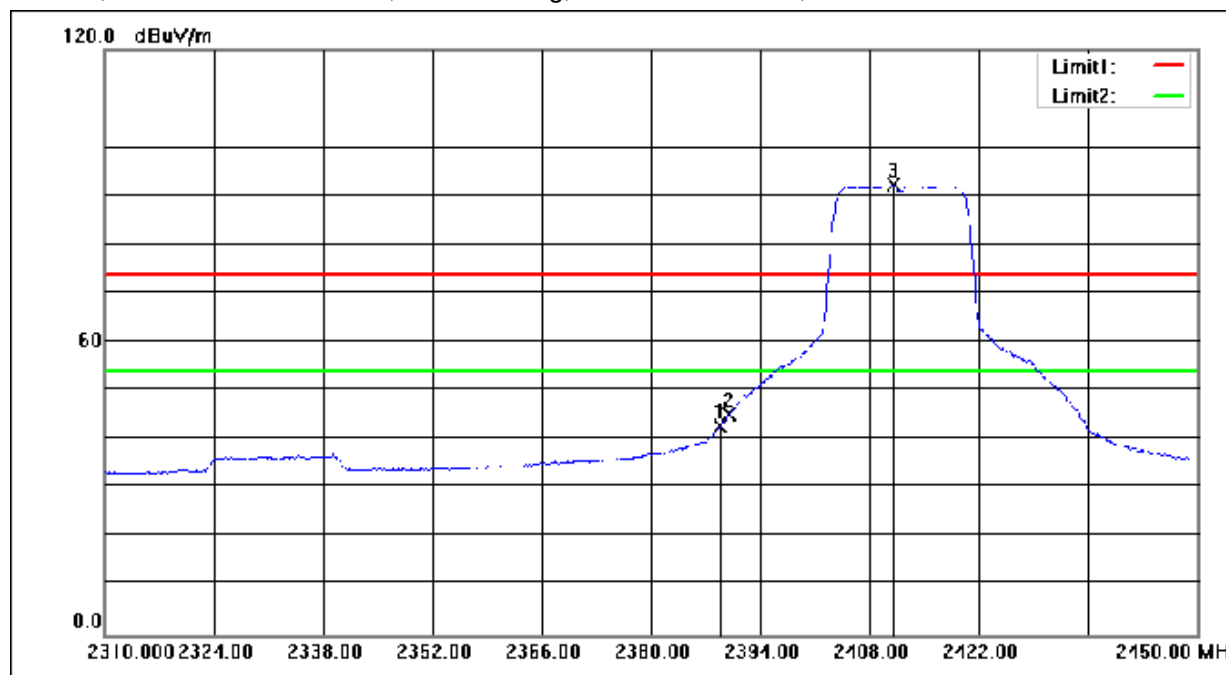
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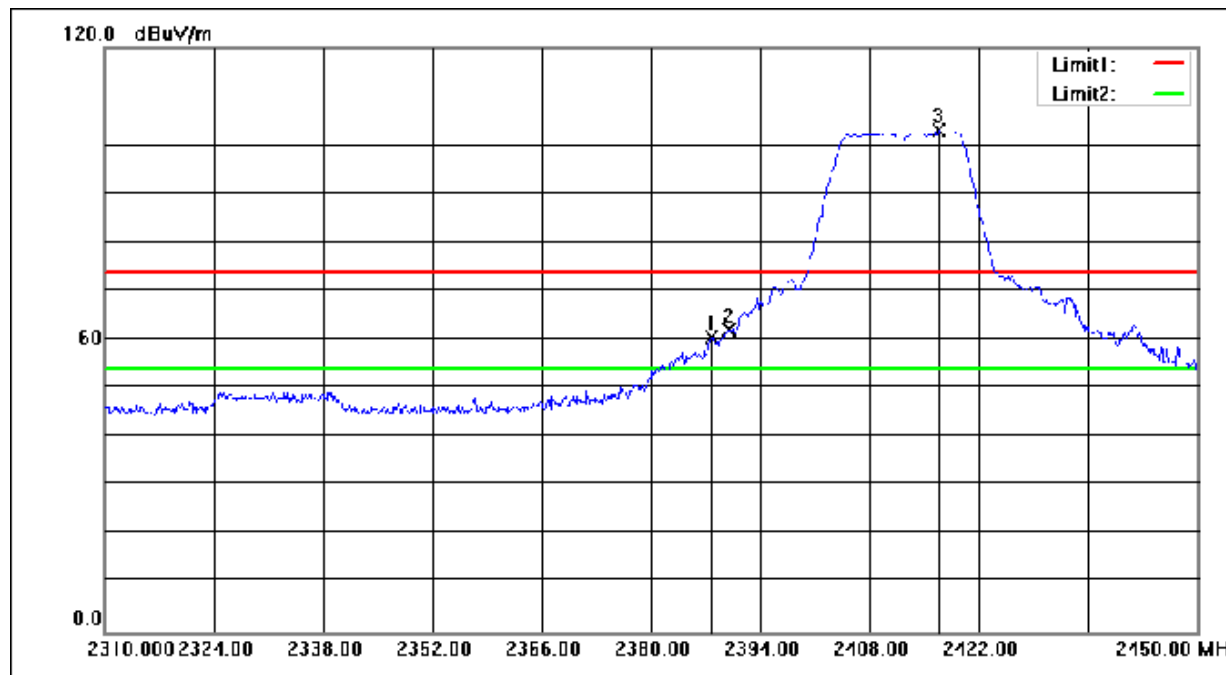
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1	2388.820	56.70	-14.01	42.69	54.00	-11.31	AVG
2	2390.000	59.27	-14.01	45.26	54.00	-8.74	AVG
3	2411.080	106.30	-13.94	92.36	54.00	38.36	AVG

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.700	74.41	-14.02	60.39	74.00	-13.61	peak
2	2390.000	75.94	-14.01	61.93	74.00	-12.07	peak
3	2416.820	116.89	-13.93	102.96	74.00	28.96	peak



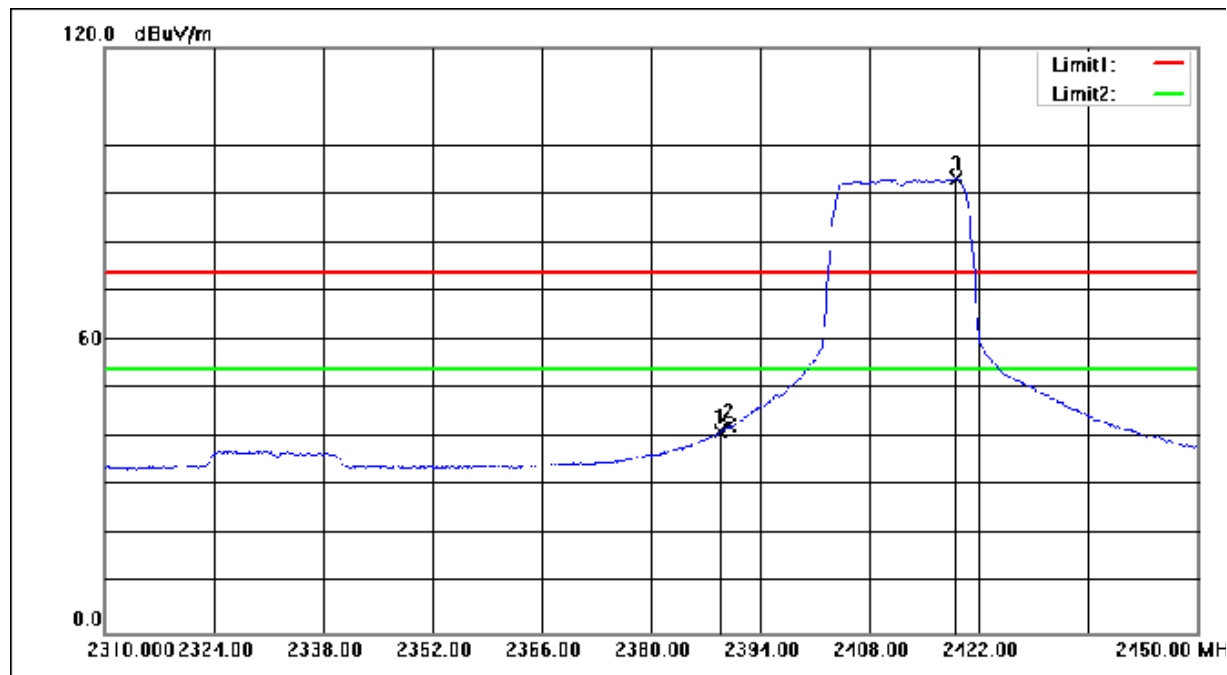
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1	2388.820	55.27	-14.01	41.26	54.00	-12.74	AVG
2	2390.000	56.35	-14.01	42.34	54.00	-11.66	AVG
3	2419.060	106.99	-13.91	93.08	54.00	39.08	AVG



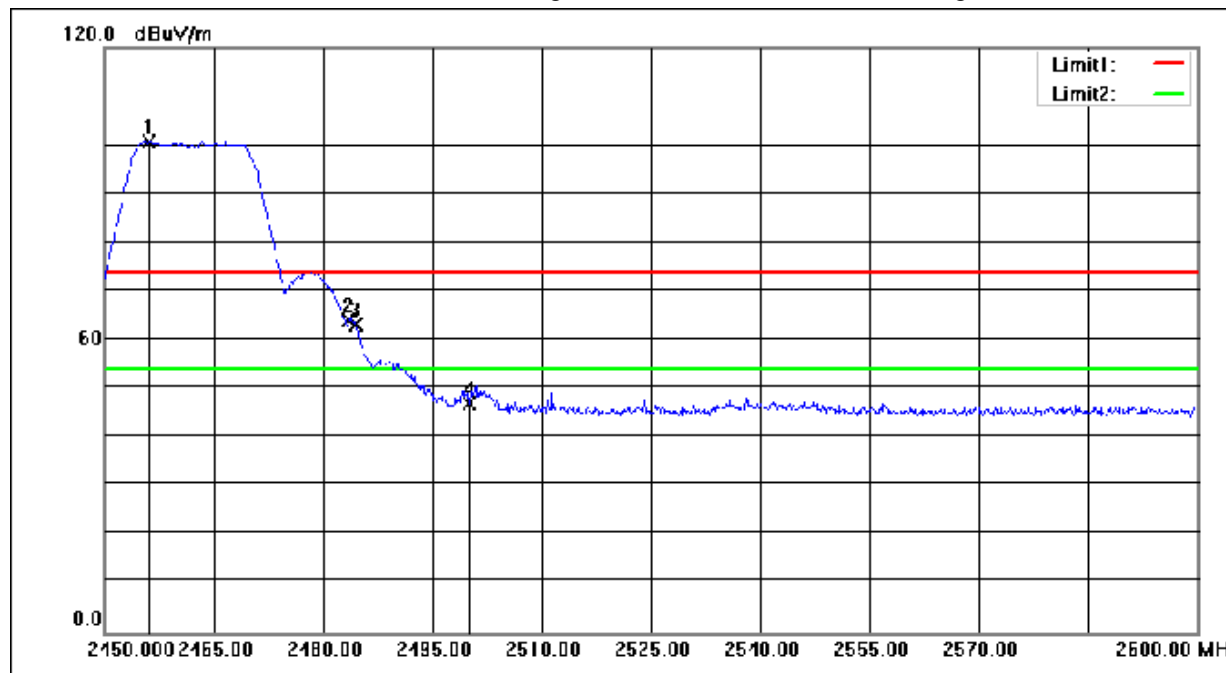
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Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2456.150	114.56	-13.79	100.77	74.00	26.77	peak
2	2483.500	77.80	-13.71	64.09	74.00	-9.91	peak
3	2484.500	76.86	-13.70	63.16	74.00	-10.84	peak
4	2500.000	60.62	-13.64	46.98	74.00	-27.02	peak



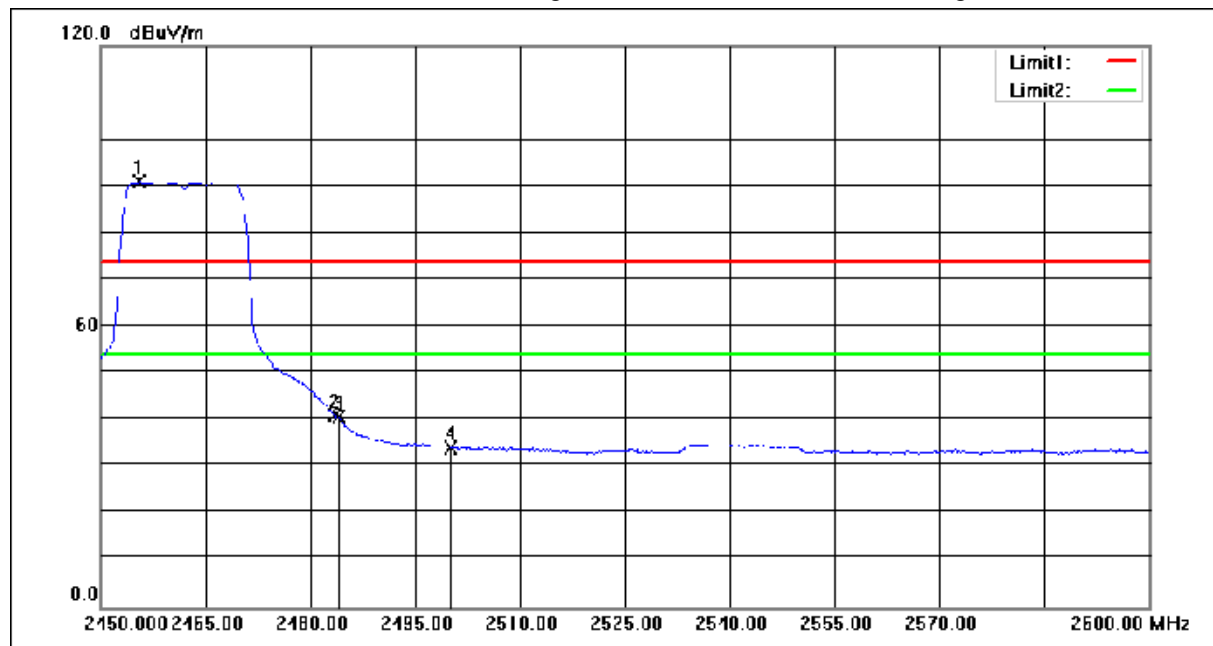
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Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2455.550	104.76	-13.79	90.97	54.00	36.97	AVG
2	2483.500	54.58	-13.71	40.87	54.00	-13.13	AVG
3	2484.050	54.27	-13.70	40.57	54.00	-13.43	AVG
4	2500.000	47.79	-13.64	34.15	54.00	-19.85	AVG



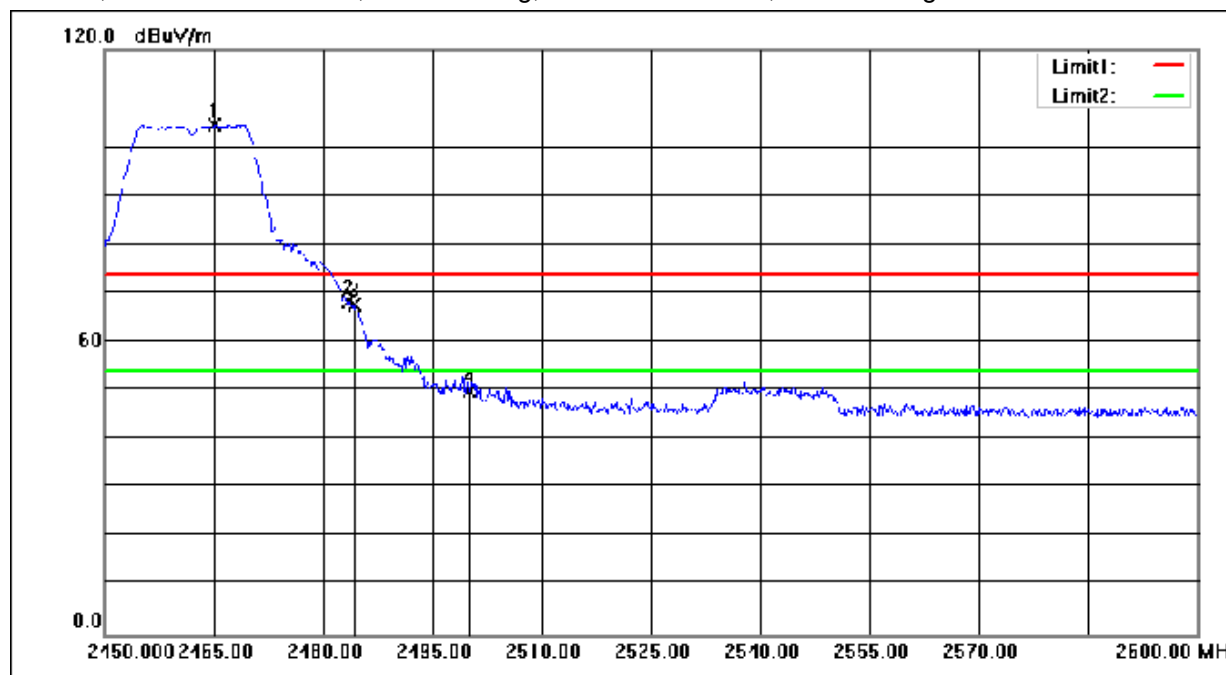
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Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2465.150	118.37	-13.76	104.61	74.00	30.61	peak
2	2483.500	81.91	-13.71	68.20	74.00	-5.80	peak
3	2484.200	81.22	-13.70	67.52	74.00	-6.48	peak
4	2500.000	63.67	-13.64	50.03	74.00	-23.97	peak



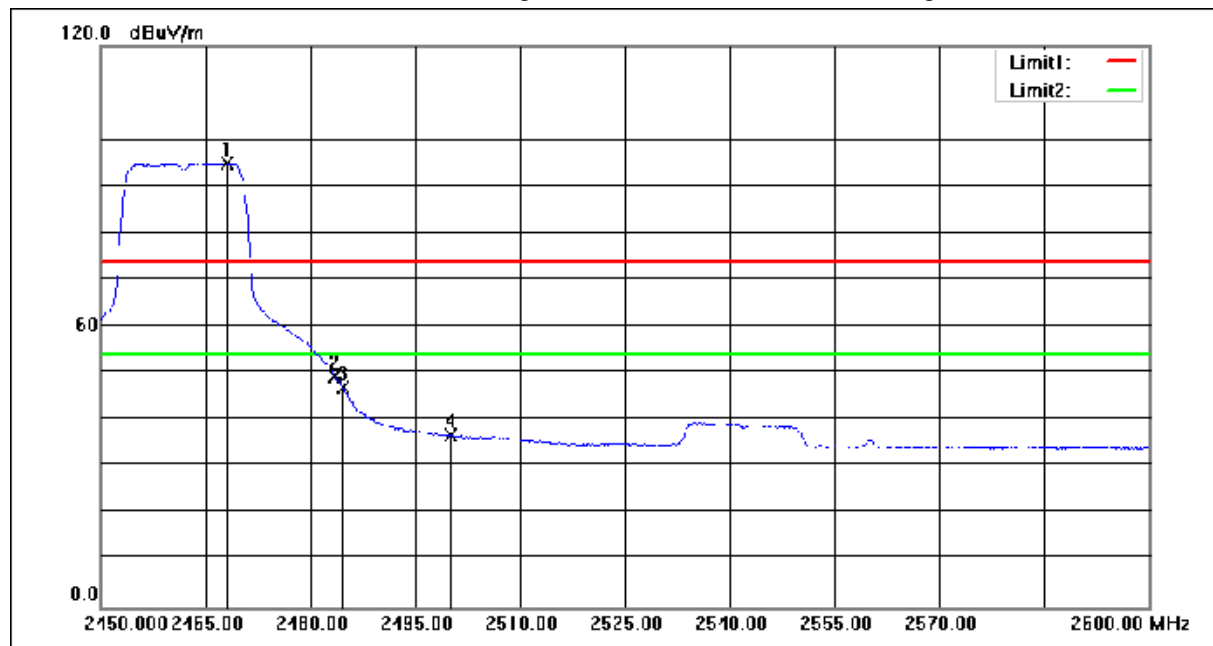
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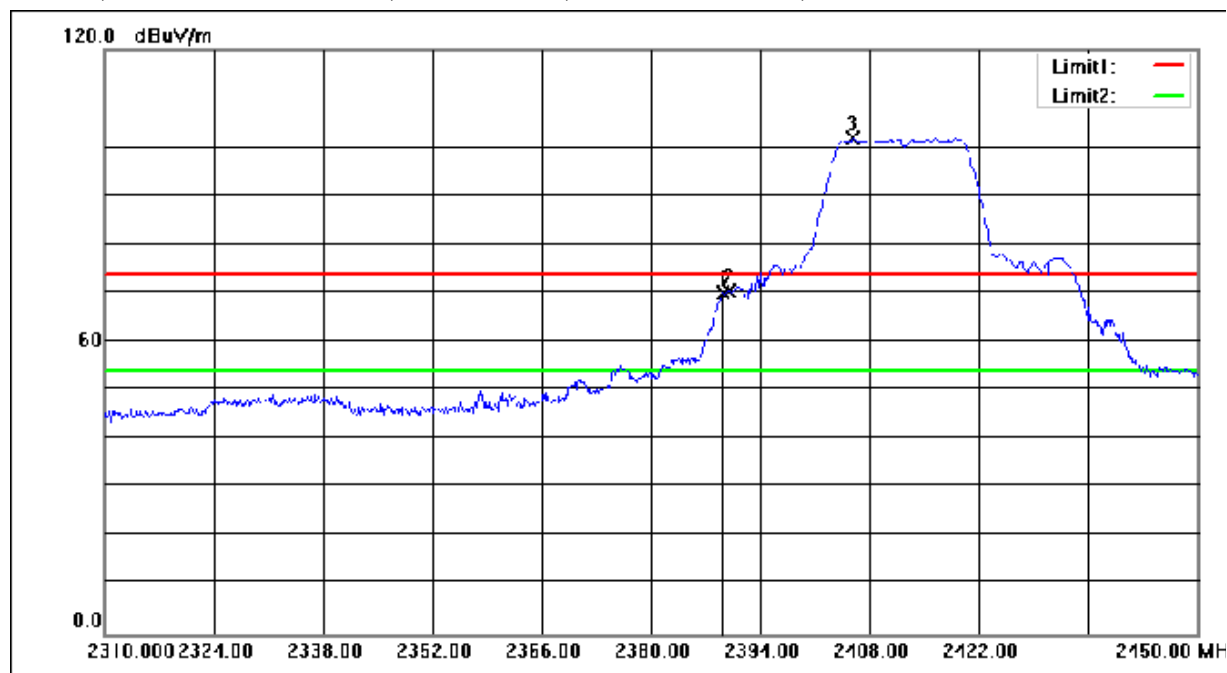
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Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2468.000	108.69	-13.75	94.94	54.00	40.94	AVG
2	2483.500	63.06	-13.71	49.35	54.00	-4.65	AVG
3	2484.650	60.74	-13.70	47.04	54.00	-6.96	AVG
4	2500.000	50.36	-13.64	36.72	54.00	-17.28	AVG

Mode:a; 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	2389.240	83.93	-14.01	69.92	74.00	-4.08	peak
2	2390.000	84.50	-14.01	70.49	74.00	-3.51	peak
3	2405.760	115.81	-13.97	101.84	74.00	27.84	peak



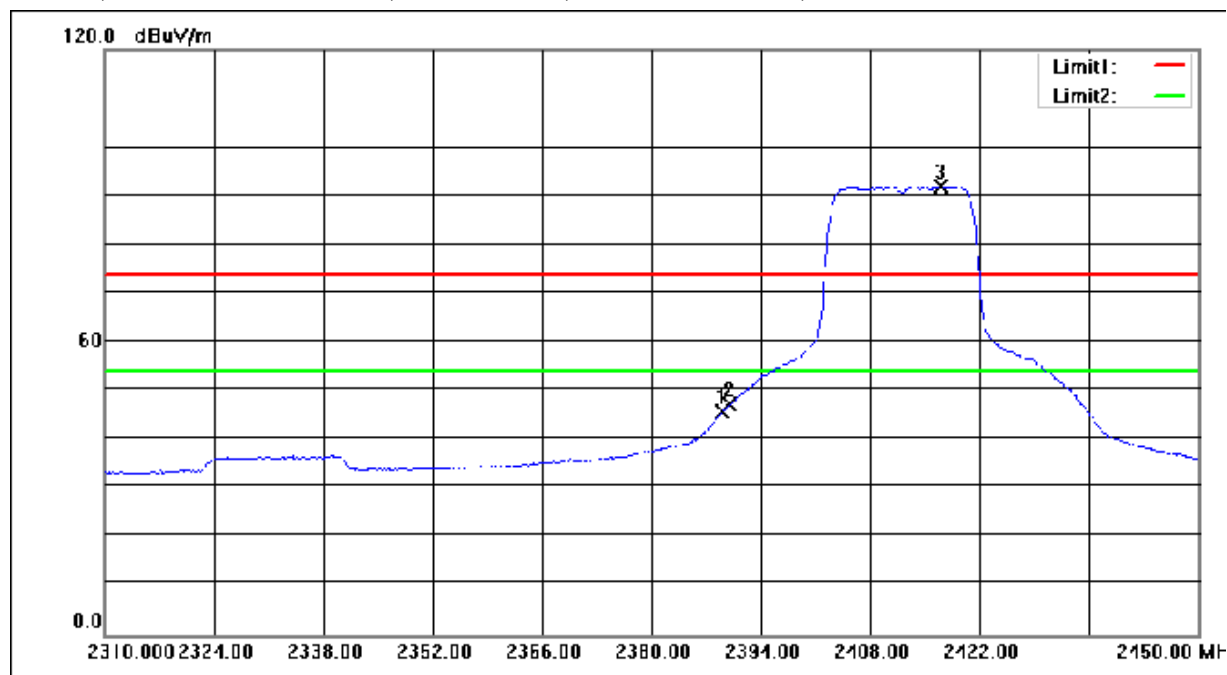
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.100	59.77	-14.01	45.76	54.00	-8.24	AVG
2	2390.000	61.24	-14.01	47.23	54.00	-6.77	AVG
3	2416.960	105.80	-13.93	91.87	54.00	37.87	AVG



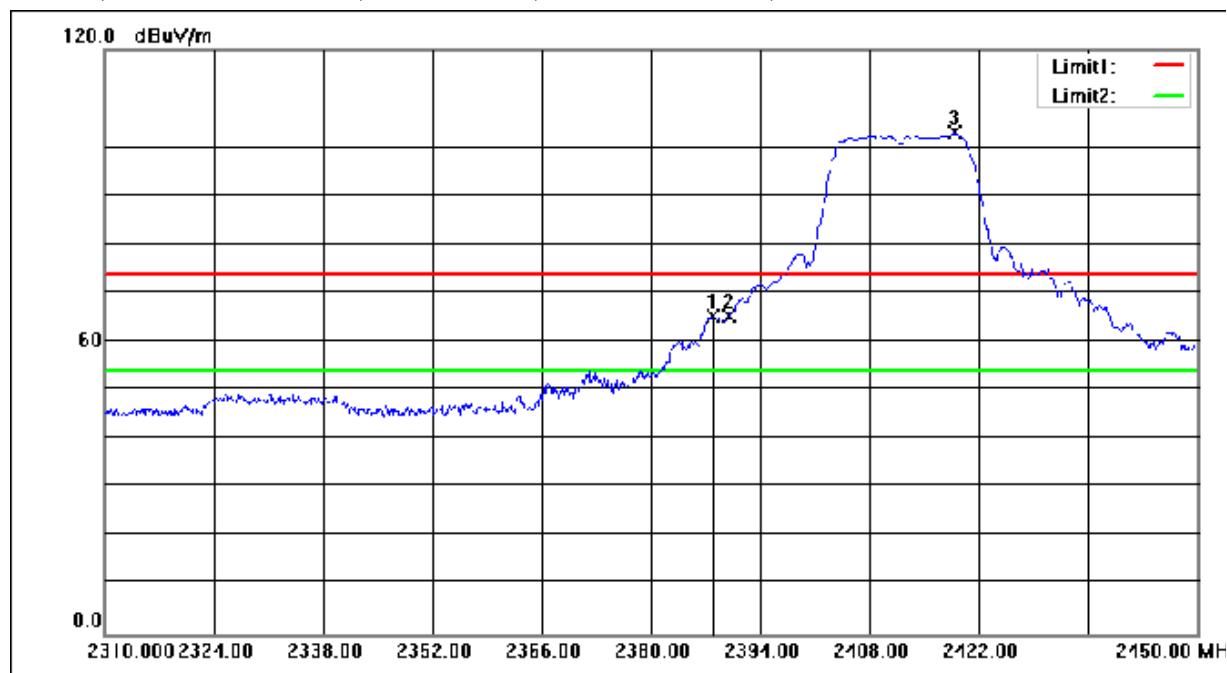
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Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2387.840	79.24	-14.02	65.22	74.00	-8.78	peak
2	2390.000	79.12	-14.01	65.11	74.00	-8.89	peak
3	2418.920	117.08	-13.91	103.17	74.00	29.17	peak



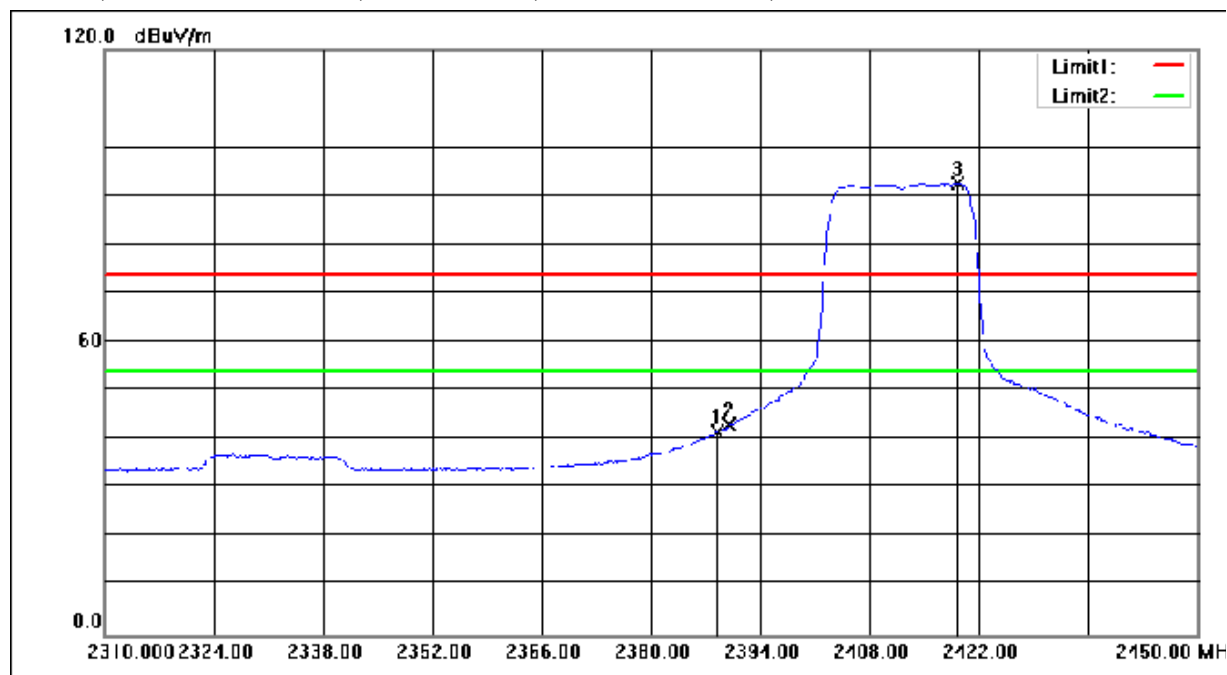
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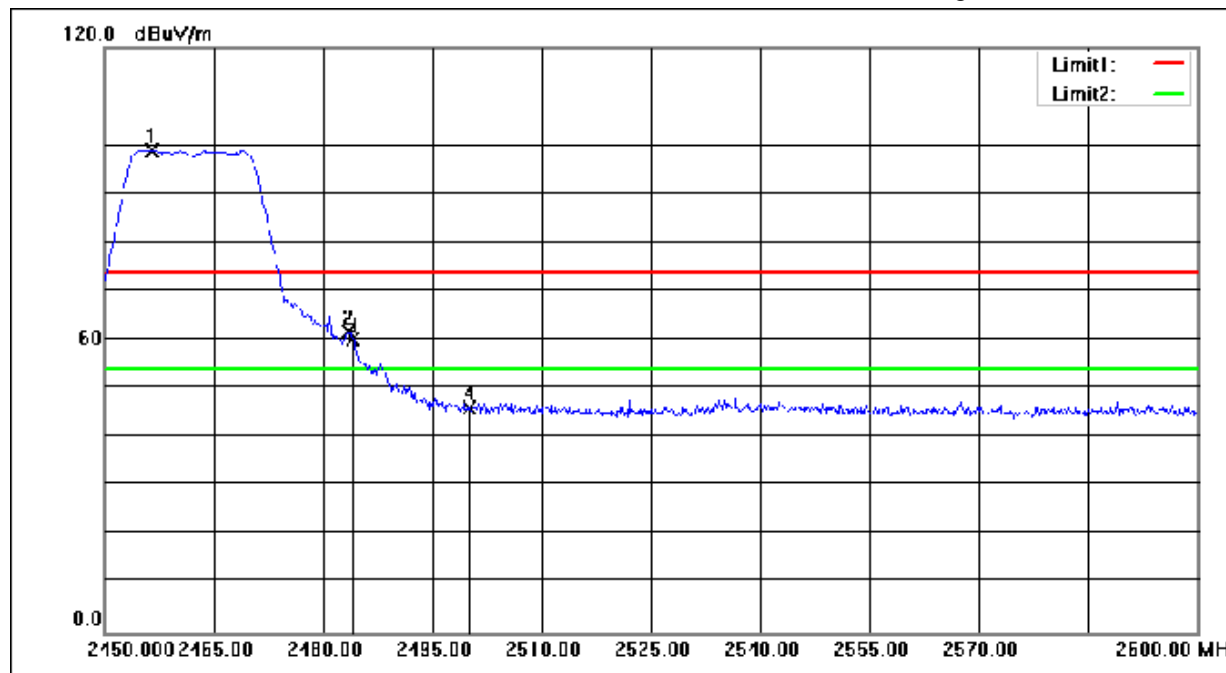
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Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.540	55.59	-14.01	41.58	54.00	-12.42	AVG
2	2390.000	56.92	-14.01	42.91	54.00	-11.09	AVG
3	2419.200	106.57	-13.91	92.66	54.00	38.66	AVG

Mode:a; 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	2456.450	112.74	-13.79	98.95	74.00	24.95	peak
2	2483.500	75.24	-13.71	61.53	74.00	-12.47	peak
3	2484.050	73.72	-13.70	60.02	74.00	-13.98	peak
4	2500.000	59.74	-13.64	46.10	74.00	-27.90	peak



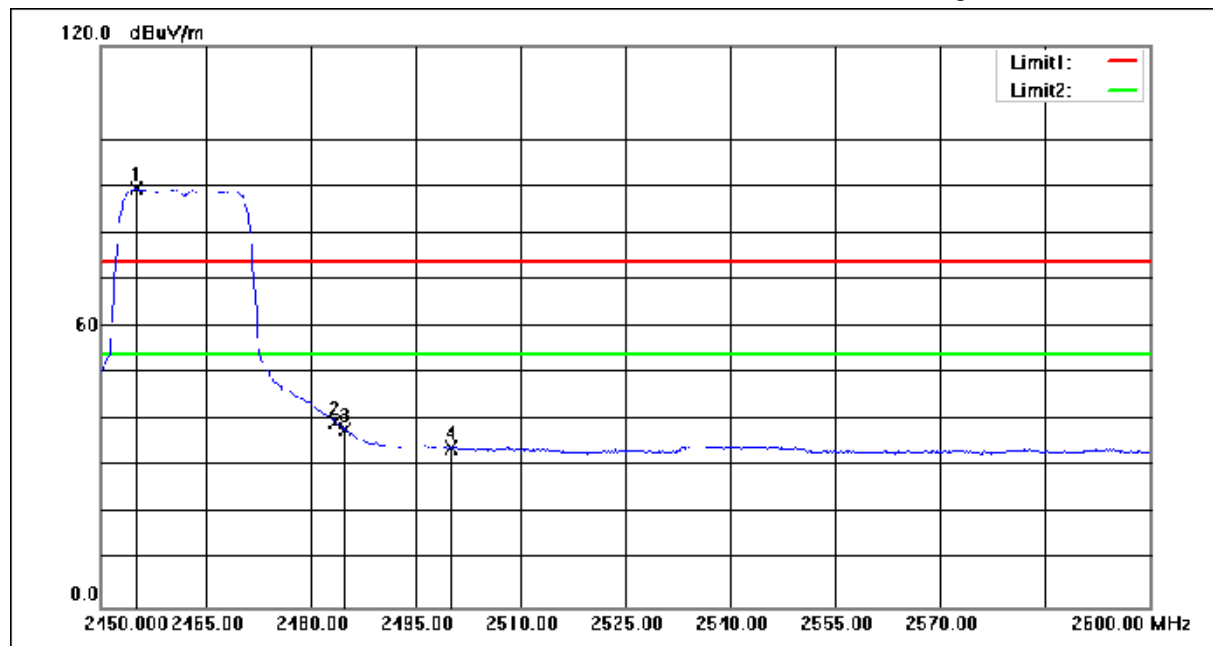
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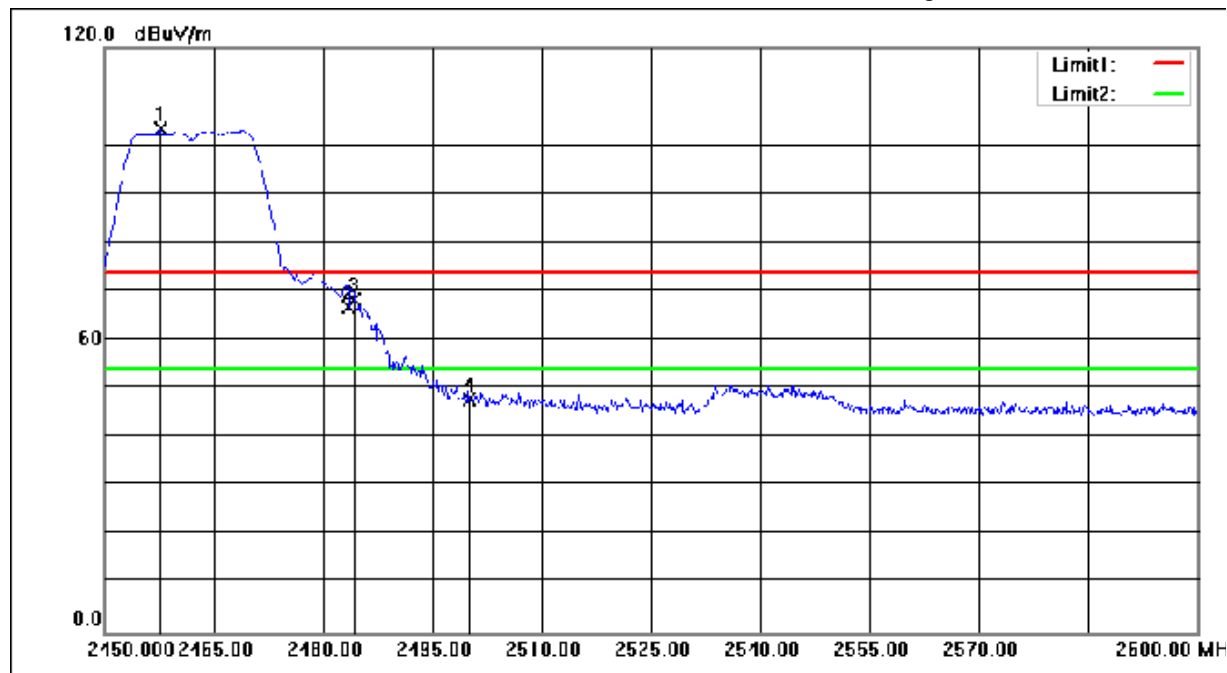
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2455.100	103.25	-13.80	89.45	54.00	35.45	AVG
2	2483.500	53.22	-13.71	39.51	54.00	-14.49	AVG
3	2484.950	51.71	-13.70	38.01	54.00	-15.99	AVG
4	2500.000	47.58	-13.64	33.94	54.00	-20.06	AVG

Mode:a; 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	2457.650	117.07	-13.79	103.28	74.00	29.28	peak
2	2483.500	80.57	-13.71	66.86	74.00	-7.14	peak
3	2484.350	81.95	-13.70	68.25	74.00	-5.75	peak
4	2500.000	61.54	-13.64	47.90	74.00	-26.10	peak



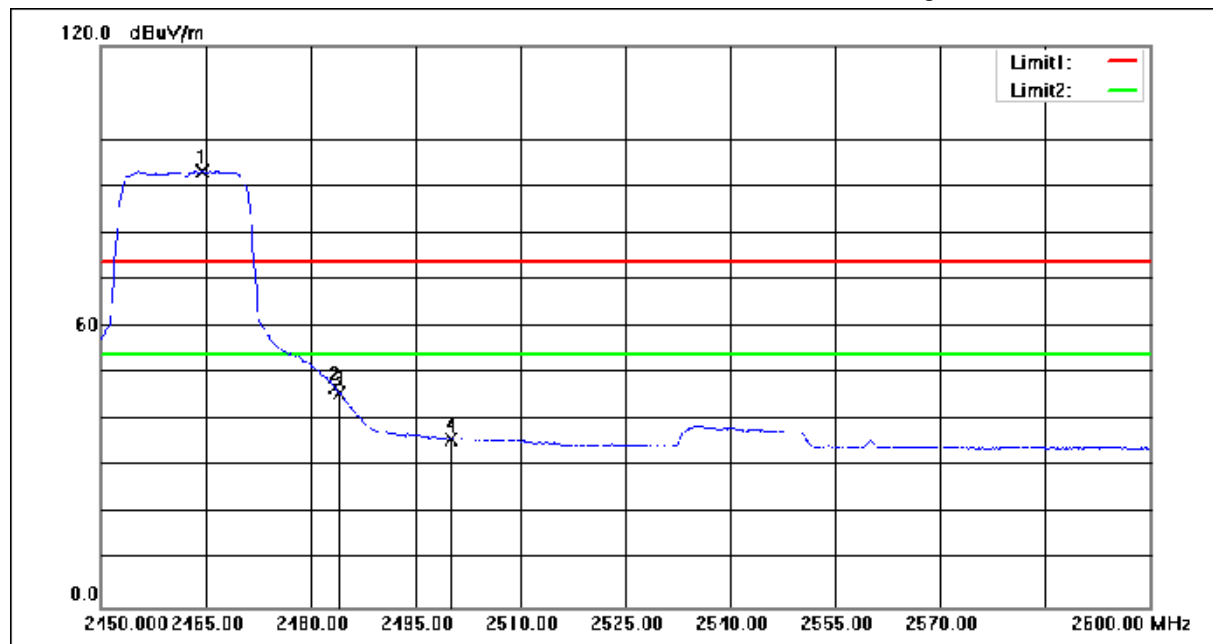
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2464.400	106.92	-13.77	93.15	54.00	39.15	AVG
2	2483.500	60.54	-13.71	46.83	54.00	-7.17	AVG
3	2484.050	59.42	-13.70	45.72	54.00	-8.28	AVG
4	2500.000	49.57	-13.64	35.93	54.00	-18.07	AVG



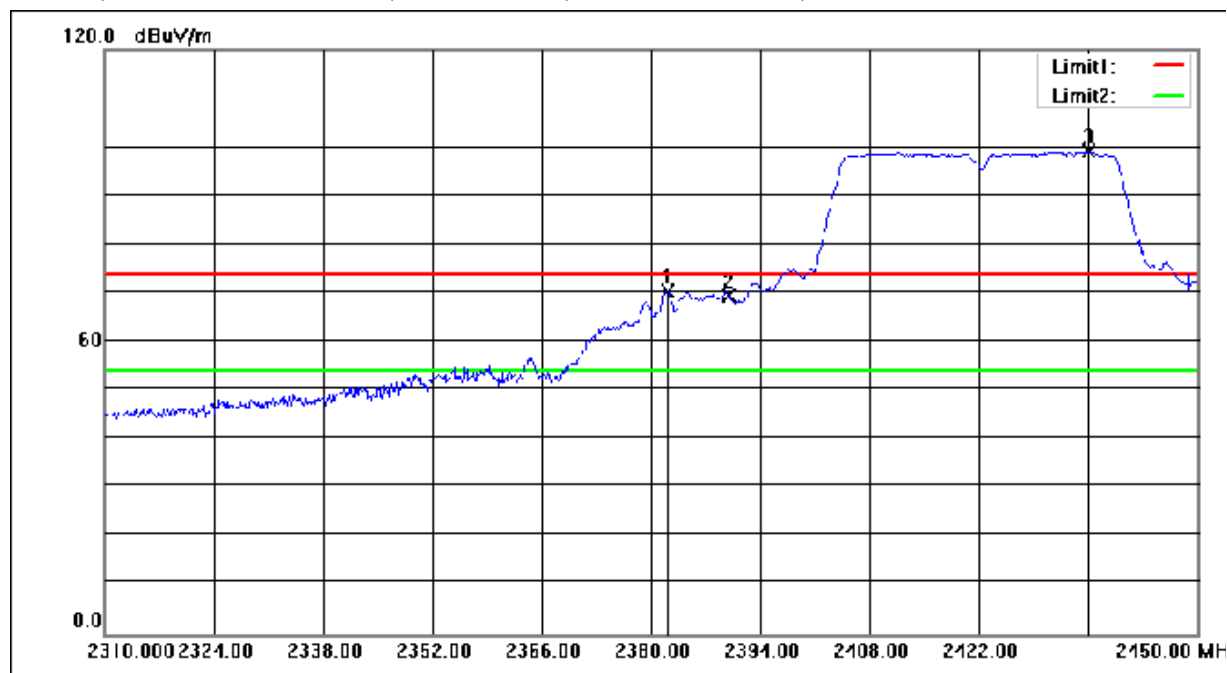
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No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2382.100	84.29	-14.03	70.26	74.00	-3.74	peak
2	2390.000	83.55	-14.01	69.54	74.00	-4.46	peak
3	2436.140	112.96	-13.86	99.10	74.00	25.10	peak



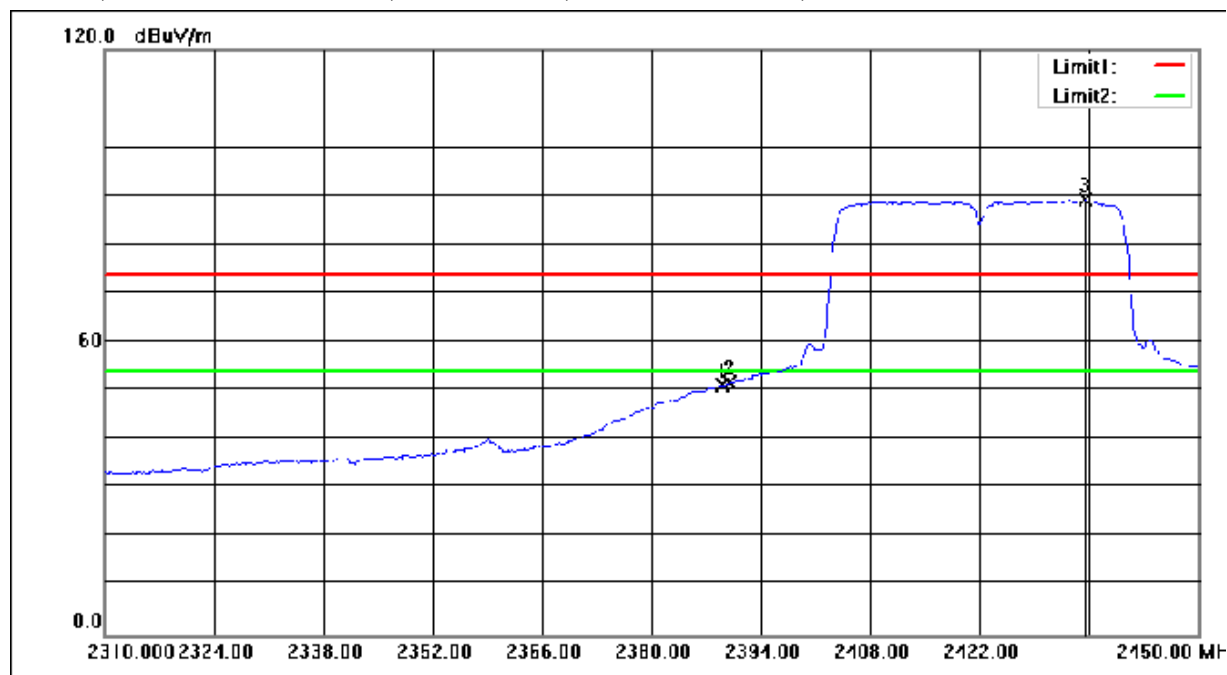
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.960	65.31	-14.01	51.30	54.00	-2.70	AVG
2	2390.000	65.77	-14.01	51.76	54.00	-2.24	AVG
3	2435.580	103.03	-13.86	89.17	54.00	35.17	AVG

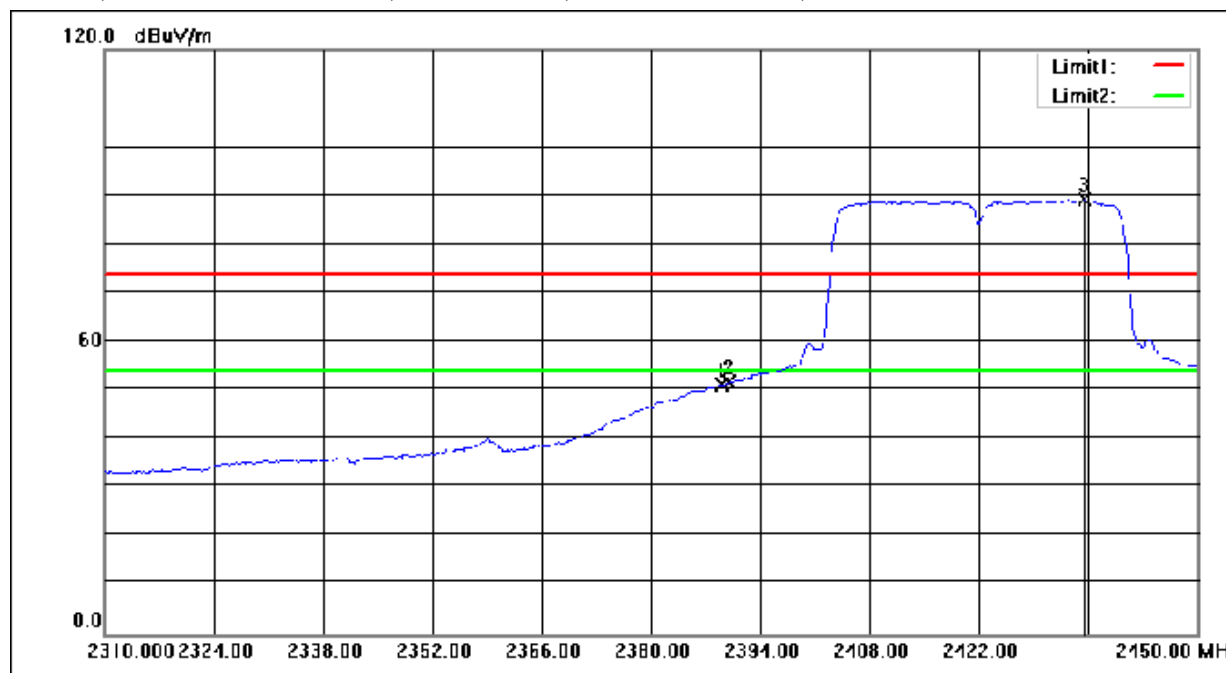


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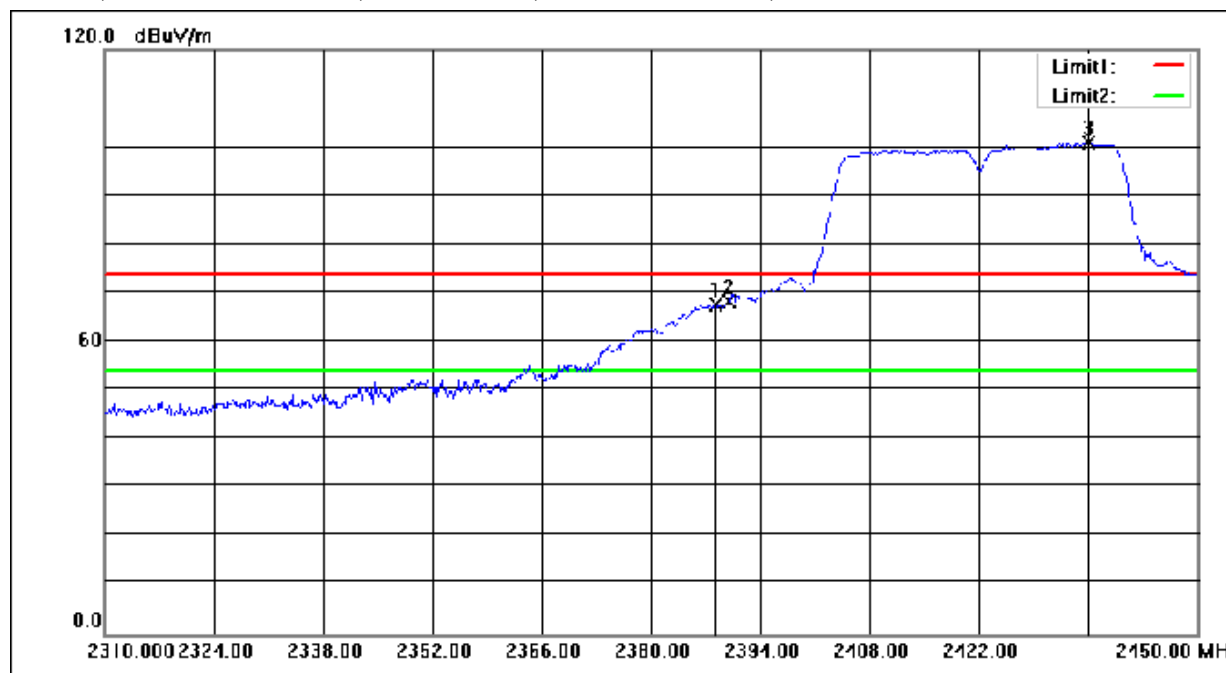
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2388.960	65.31	-14.01	51.30	54.00	-2.70	AVG
2	2390.000	65.77	-14.01	51.76	54.00	-2.24	AVG
3	2435.580	103.03	-13.86	89.17	54.00	35.17	AVG

Mode:a; 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	2388.260	81.55	-14.01	67.54	74.00	-6.46	peak
2	2390.000	82.37	-14.01	68.36	74.00	-5.64	peak
3	2436.000	114.94	-13.86	101.08	74.00	27.08	peak



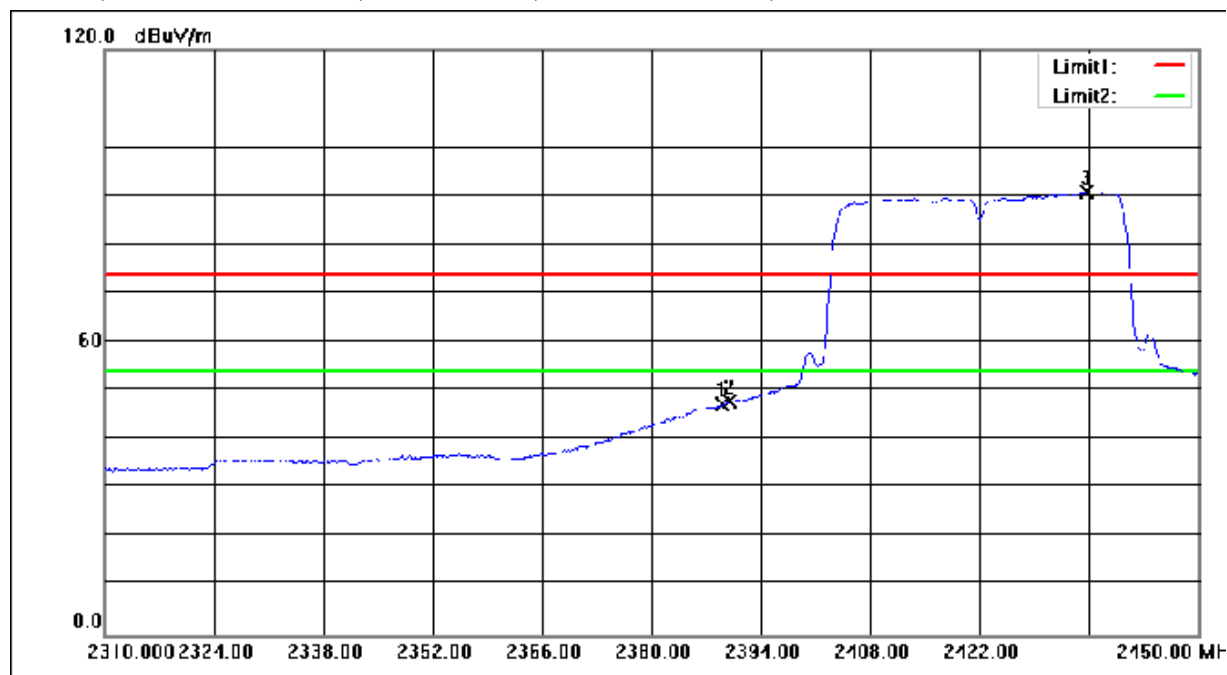
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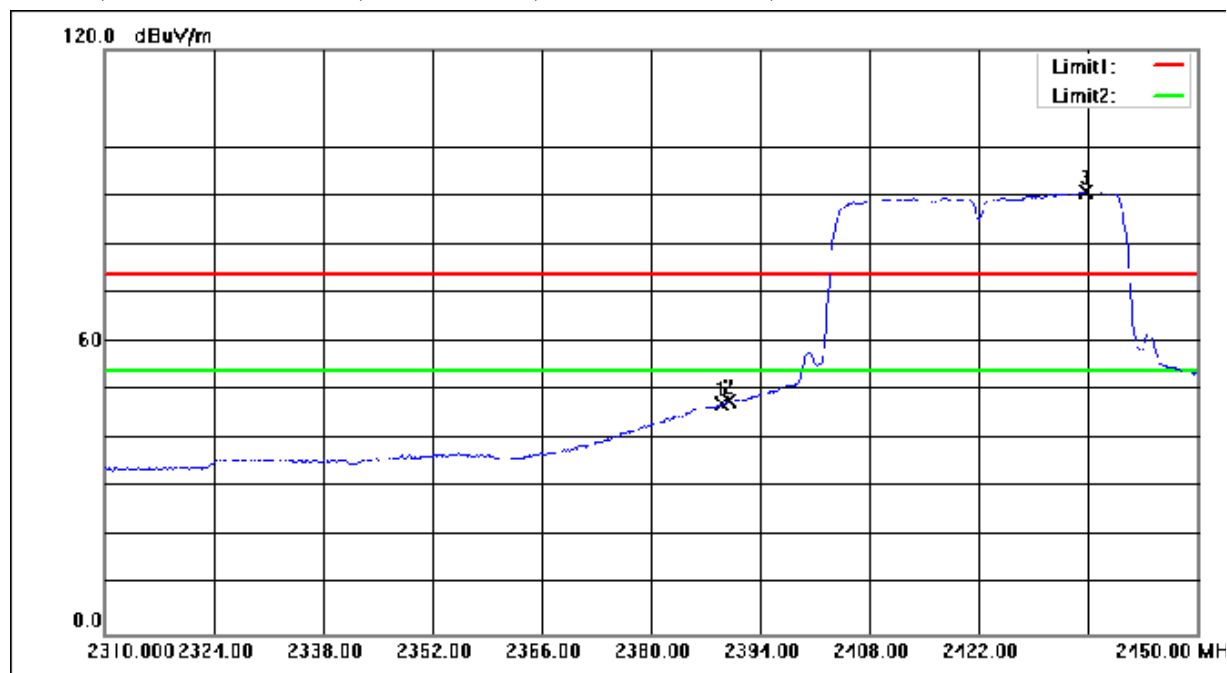
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.100	61.32	-14.01	47.31	54.00	-6.69	AVG
2	2390.000	61.88	-14.01	47.87	54.00	-6.13	AVG
3	2435.720	104.59	-13.86	90.73	54.00	36.73	AVG



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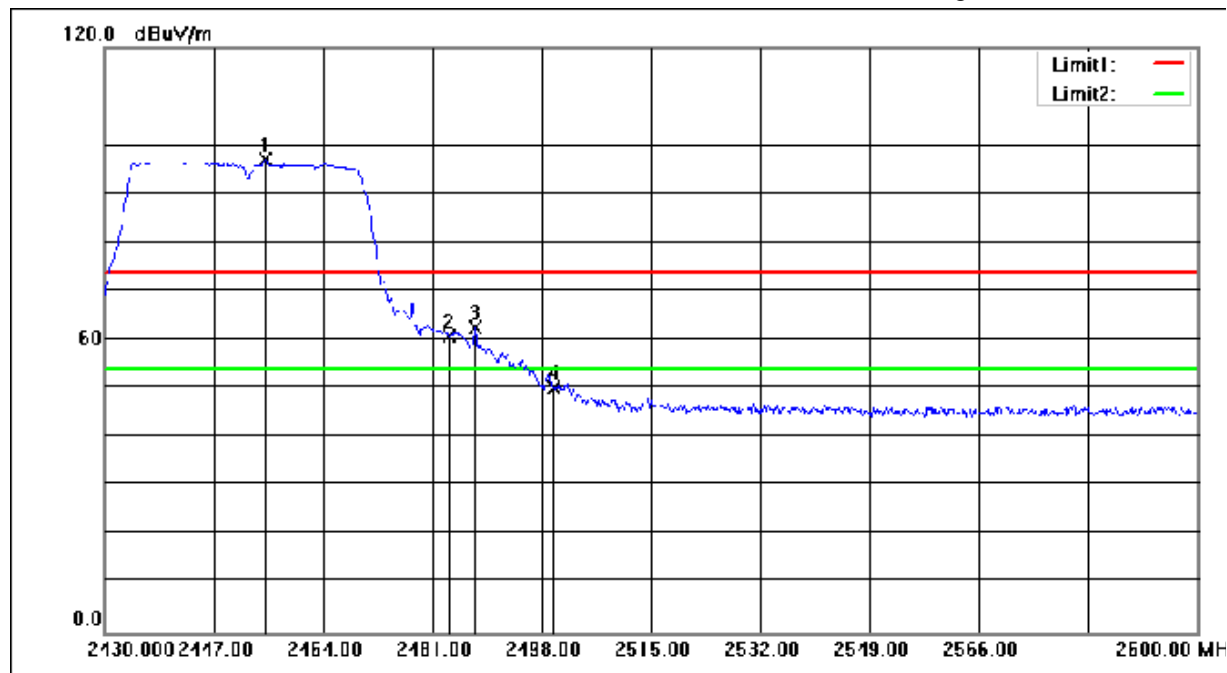
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2389.100	61.32	-14.01	47.31	54.00	-6.69	AVG
2	2390.000	61.88	-14.01	47.87	54.00	-6.13	AVG
3	2435.720	104.59	-13.86	90.73	54.00	36.73	AVG



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Mode:a; 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	2454.990	110.81	-13.80	97.01	74.00	23.01	peak
2	2483.500	74.53	-13.71	60.82	74.00	-13.18	peak
3	2487.630	76.17	-13.70	62.47	74.00	-11.53	peak
4	2500.000	63.92	-13.64	50.28	74.00	-23.72	peak



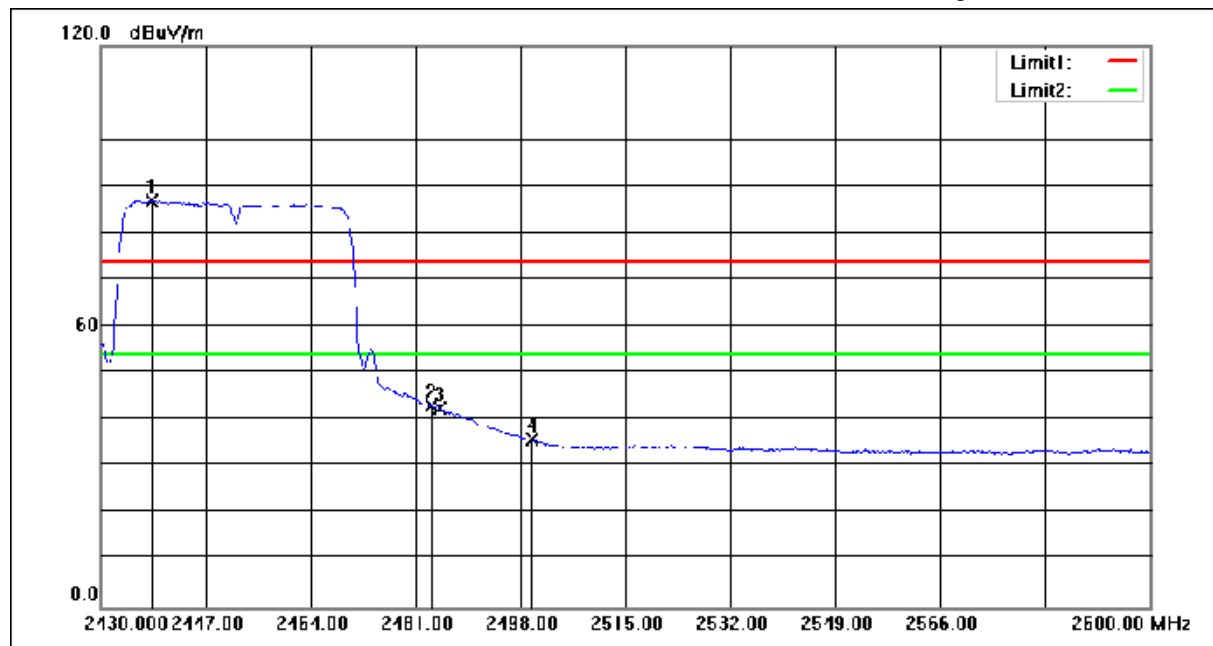
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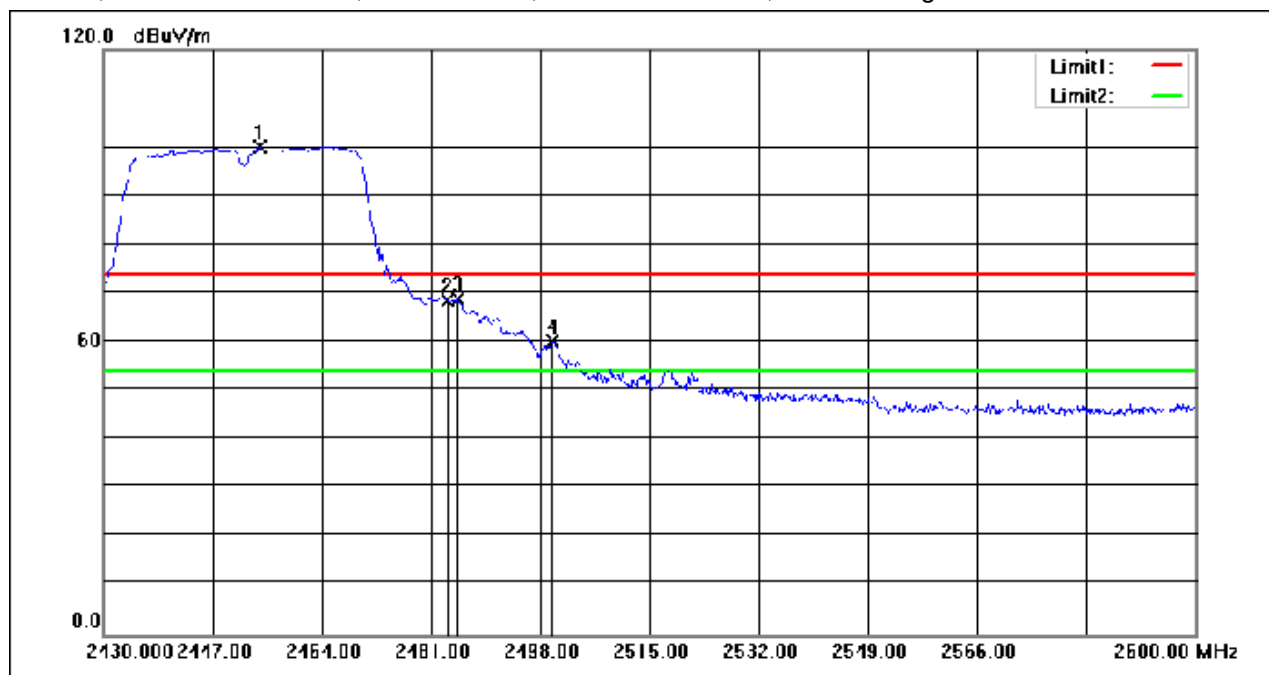
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2438.330	100.81	-13.86	86.95	54.00	32.95	AVG
2	2483.500	56.74	-13.71	43.03	54.00	-10.97	AVG
3	2484.910	56.24	-13.70	42.54	54.00	-11.46	AVG
4	2500.000	49.35	-13.64	35.71	54.00	-18.29	AVG

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



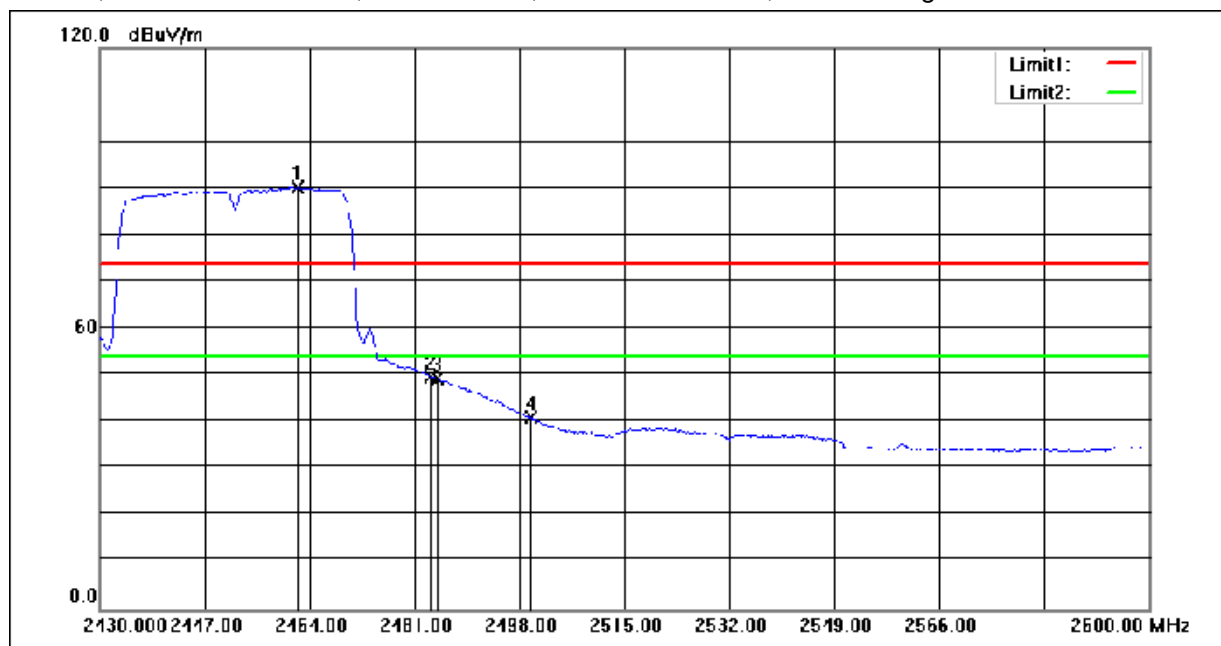
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	2454.310	113.98	-13.80	100.18	74.00	26.18	peak
2	2483.500	82.13	-13.71	68.42	74.00	-5.58	peak
3	2485.080	82.41	-13.70	68.71	74.00	-5.29	peak
4	2500.000	73.87	-13.64	60.23	74.00	-13.77	peak



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Mode:a; 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	2462.130	103.95	-13.78	90.17	54.00	36.17	AVG
2	2483.500	63.47	-13.71	49.76	54.00	-4.24	AVG
3	2484.740	62.97	-13.70	49.27	54.00	-4.73	AVG
4	2500.000	54.47	-13.64	40.83	54.00	-13.17	AVG



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6.3 Radiated Spurious Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.247(d)
RSS-247 Section 3.3 & RSS-Gen Section 8.9
Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6
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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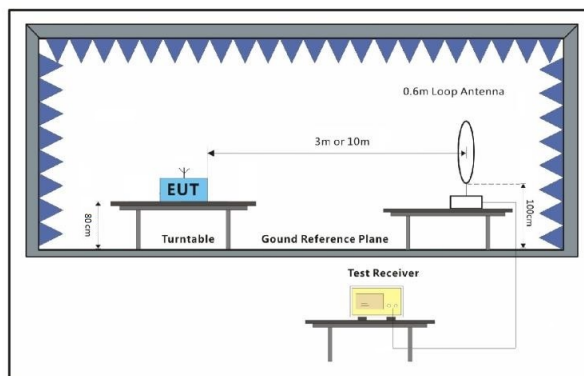
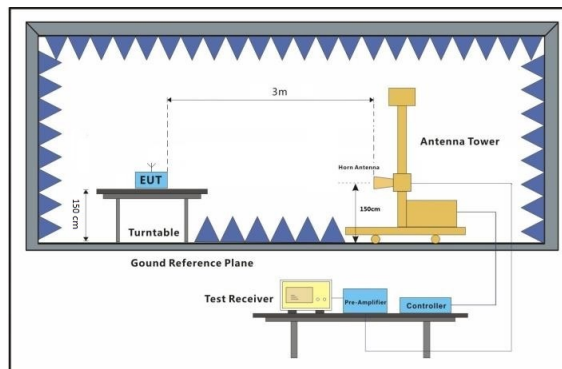
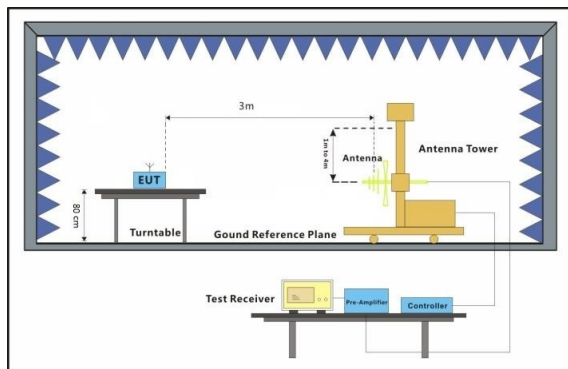
6.3.1 E.U.T. Operation

Operating Environment:

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

Test mode a:TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ 6.5Mbps is the worst case of IEEE 802.11n(HT20); data rate @ 13.5Mbps is the worst case of IEEE 802.11n(HT40). Only the data of worst case is recorded in the report.

6.3.2 Test Setup Diagram



6.3.3 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) For emission below 1GHz, through pre-scan found the worst case is the lowest channel. Only the worst case is recorded in the report.

2) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

3) Scan from 9kHz to 25GHz, 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) 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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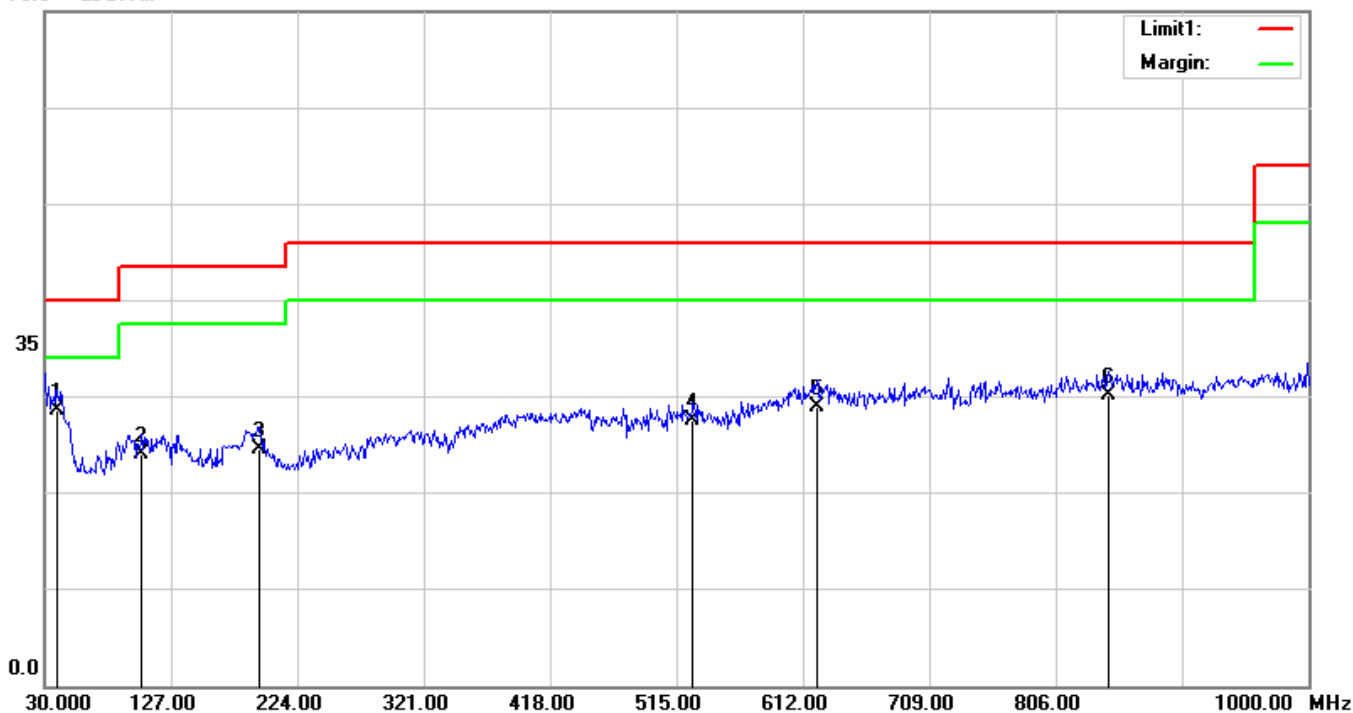
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Below 1GHz:

Polarization:Horizontal

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	39.7000	8.18	20.40	28.58	40.00	-11.42	200	225	QP
2	104.6900	5.36	18.66	24.02	43.50	-19.48	100	156	QP
3	194.9000	7.87	16.65	24.52	43.50	-18.98	200	236	QP
4	527.6100	1.99	25.57	27.56	46.00	-18.44	100	39	QP
5	622.6700	2.24	26.78	29.02	46.00	-16.98	300	54	QP
6	846.7400	2.06	28.06	30.12	46.00	-15.88	200	185	QP



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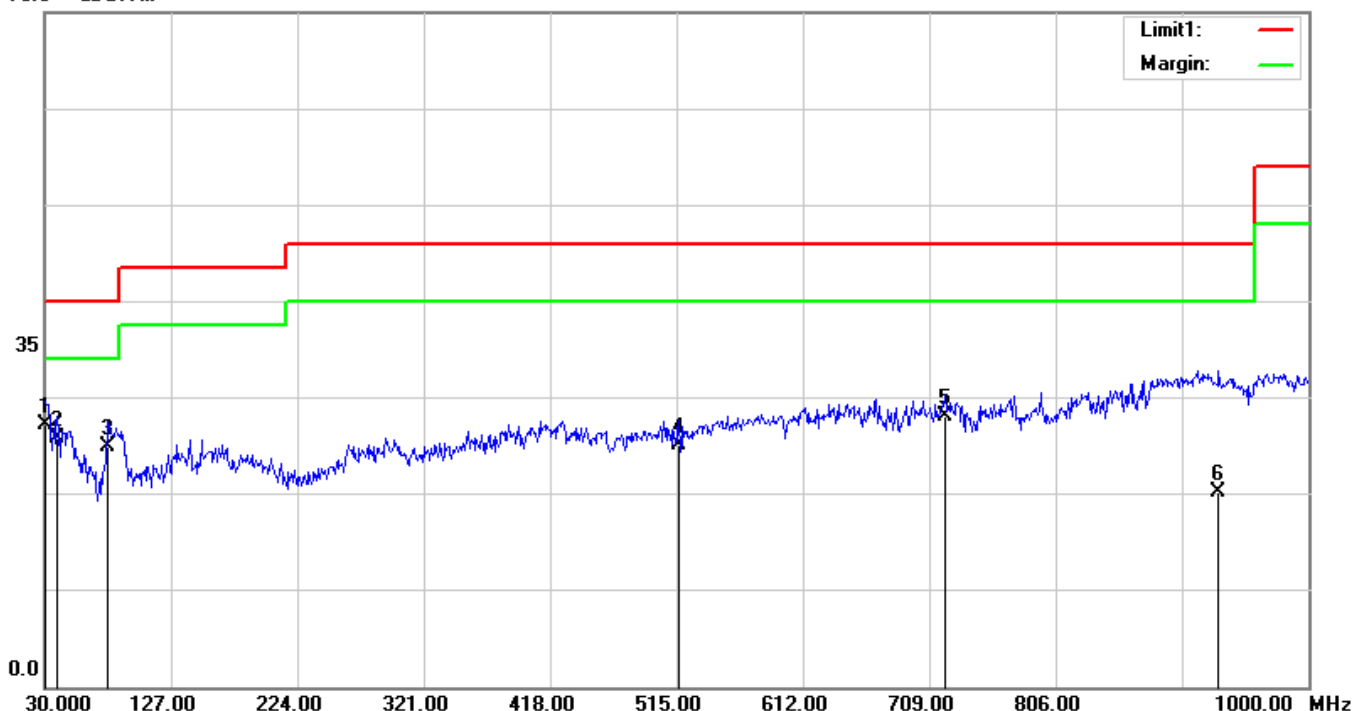
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Polarization: Vertical

70.0 dBuV/m



No.	Frequency (MHz)	Reading (dBuV)	Correct Factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Degree (deg.)	Remark
1	30.0000	1.20	25.93	27.13	40.00	-12.87	300	36	QP
2	39.7000	5.45	20.40	25.85	40.00	-14.15	100	184	QP
3	78.5000	9.73	15.29	25.02	40.00	-14.98	100	156	QP
4	516.9400	-0.31	25.44	25.13	46.00	-20.87	200	239	QP
5	720.6400	0.52	27.49	28.01	46.00	-17.99	200	74	QP
6	931.1300	-8.92	29.06	20.14	46.00	-25.86	100	360	QP



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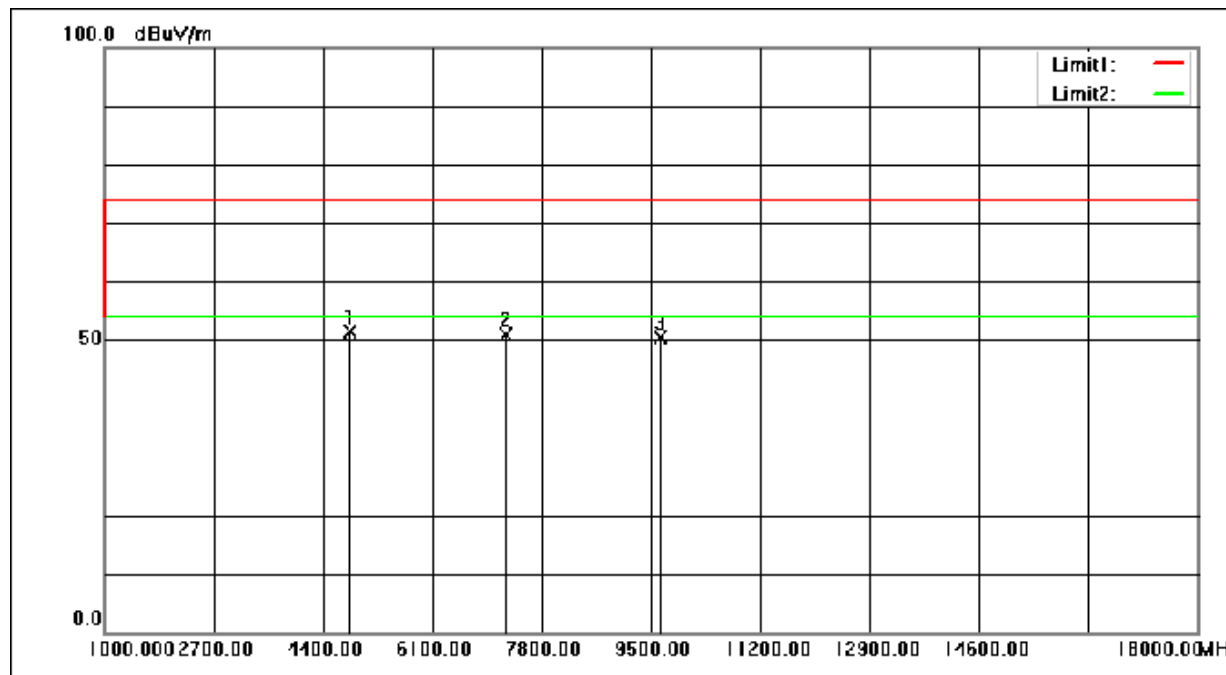
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Above 1GHz:

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	60.15	-8.78	51.37	74.00	-22.63	peak
2	7236.000	56.75	-5.86	50.89	74.00	-23.11	peak
3	9648.000	51.63	-1.31	50.32	74.00	-23.68	peak



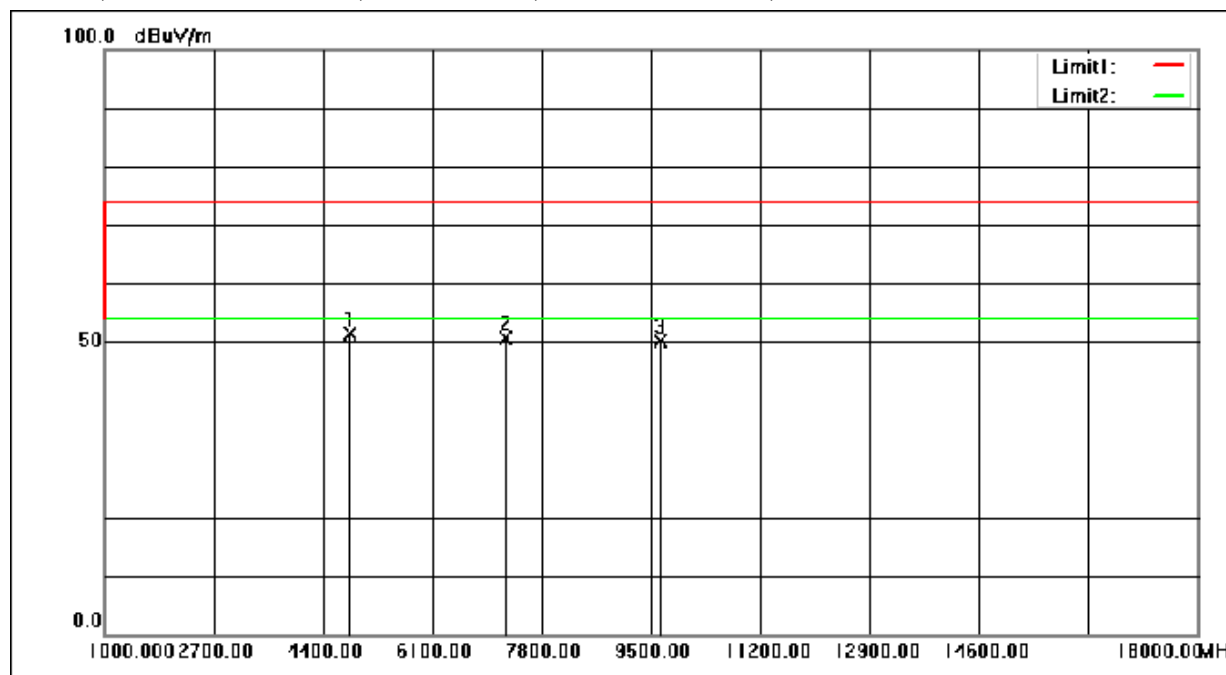
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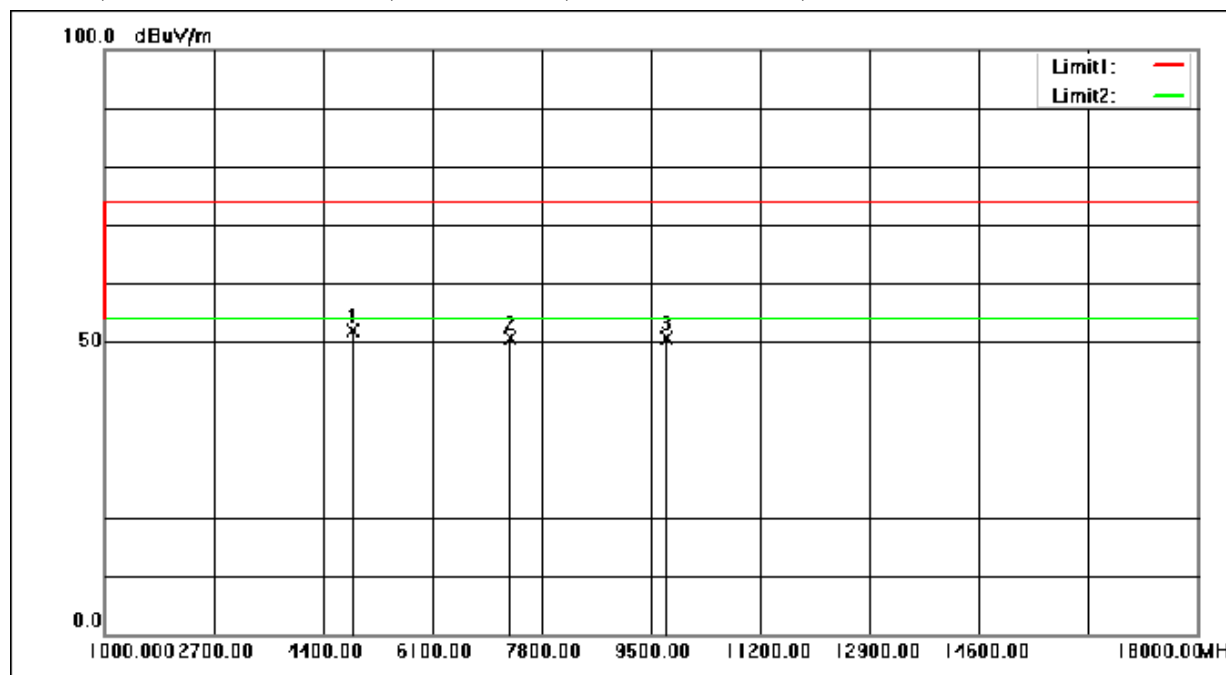
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Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	60.24	-8.78	51.46	74.00	-22.54	peak
2	7236.000	56.46	-5.86	50.60	74.00	-23.40	peak
3	9648.000	51.52	-1.31	50.21	74.00	-23.79	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	60.51	-8.61	51.90	74.00	-22.10	peak
2	7311.000	56.51	-5.78	50.73	74.00	-23.27	peak
3	9748.000	52.04	-1.43	50.61	74.00	-23.39	peak



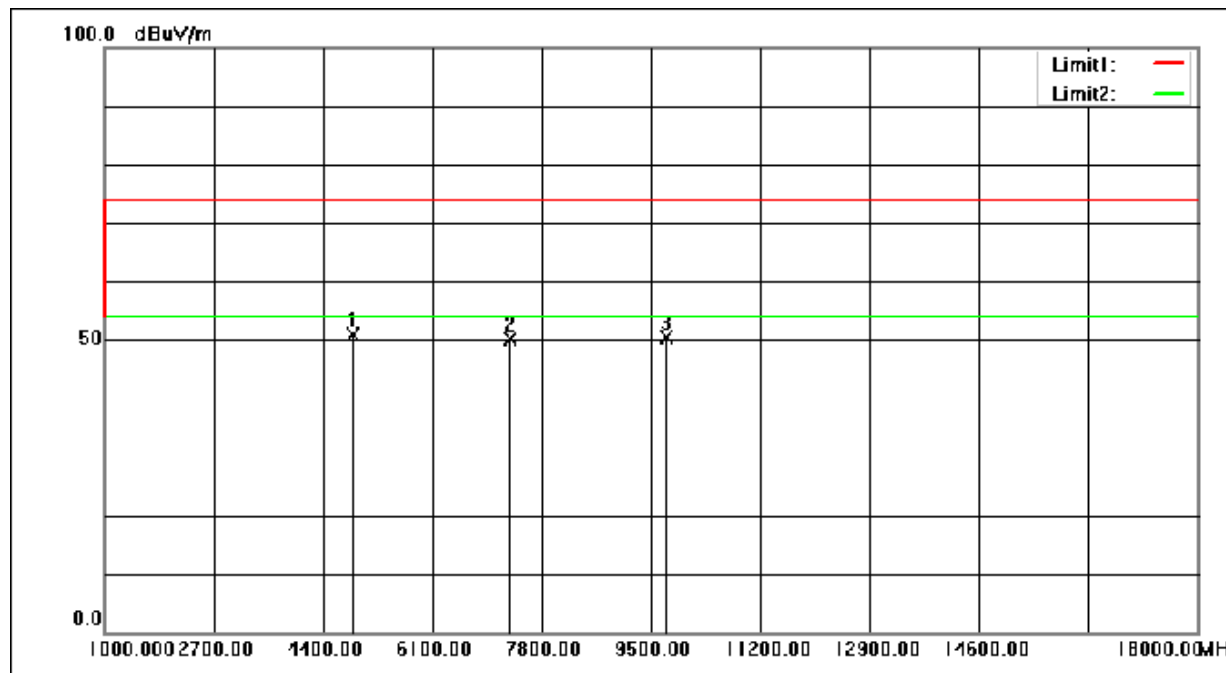
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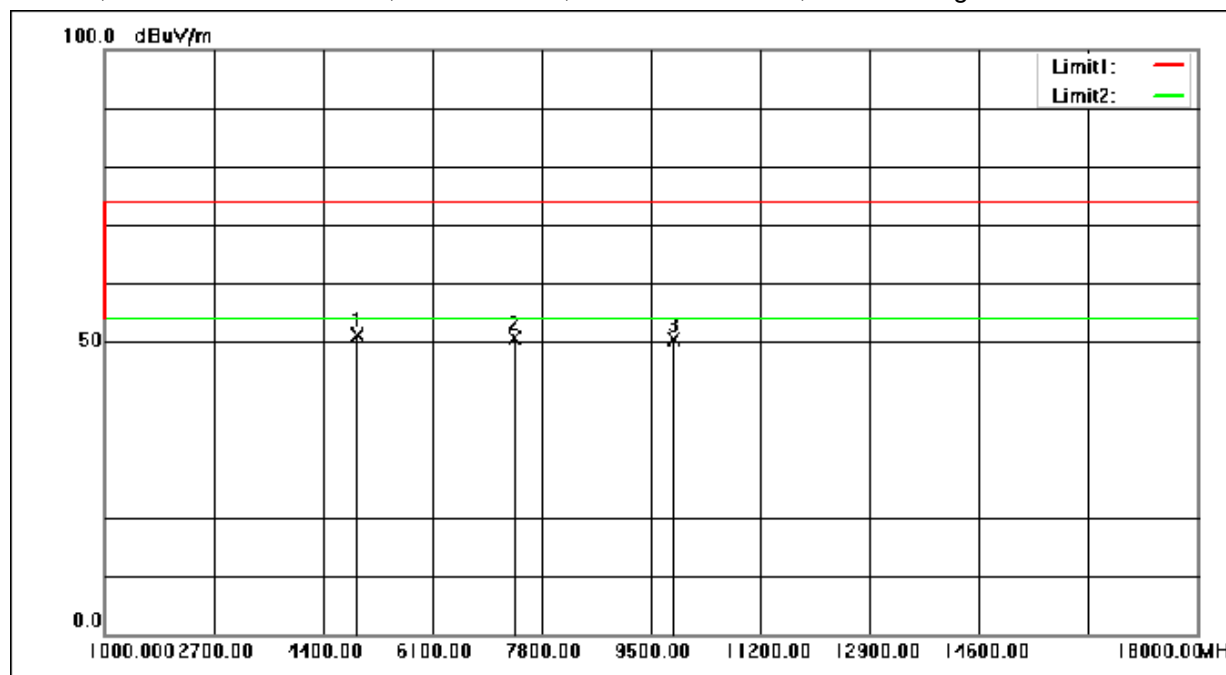
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Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.48	-8.61	50.87	74.00	-23.13	peak
2	7311.000	56.03	-5.78	50.25	74.00	-23.75	peak
3	9748.000	51.91	-1.43	50.48	74.00	-23.52	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.59	-8.44	51.15	74.00	-22.85	peak
2	7386.000	56.36	-5.69	50.67	74.00	-23.33	peak
3	9848.000	51.69	-1.27	50.42	74.00	-23.58	peak



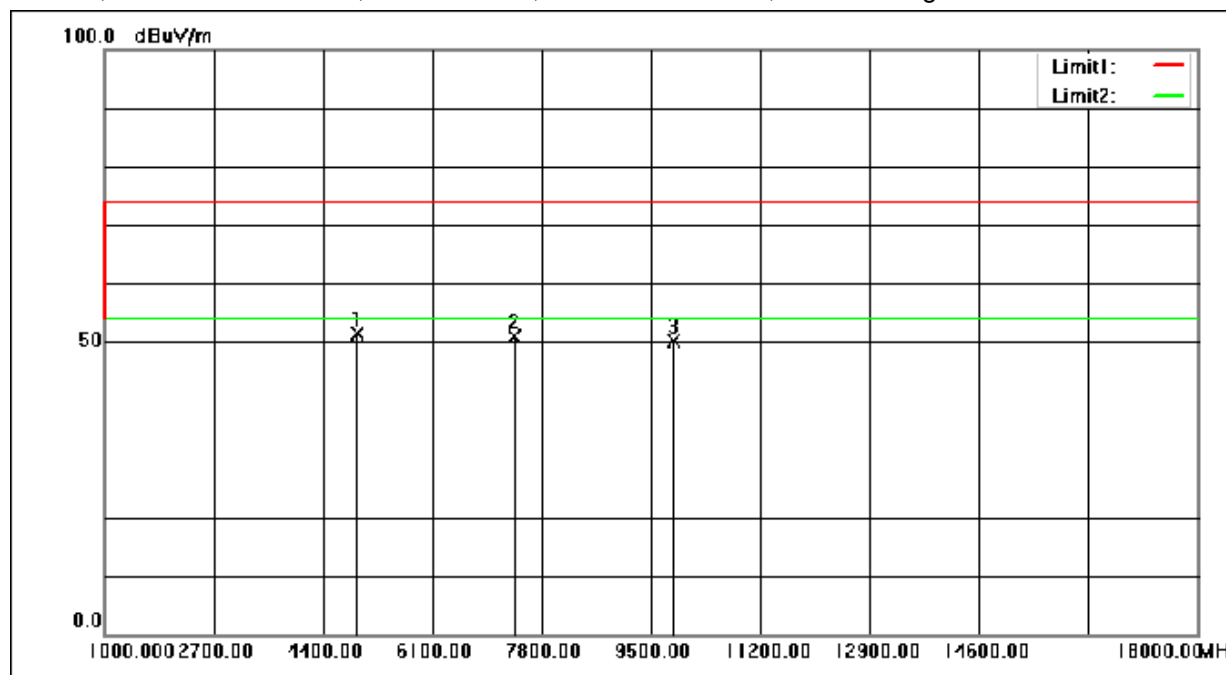
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Mode:a; Polarization:Vertical; Modulation:b; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.80	-8.44	51.36	74.00	-22.64	peak
2	7386.000	56.63	-5.69	50.94	74.00	-23.06	peak
3	9848.000	51.48	-1.27	50.21	74.00	-23.79	peak



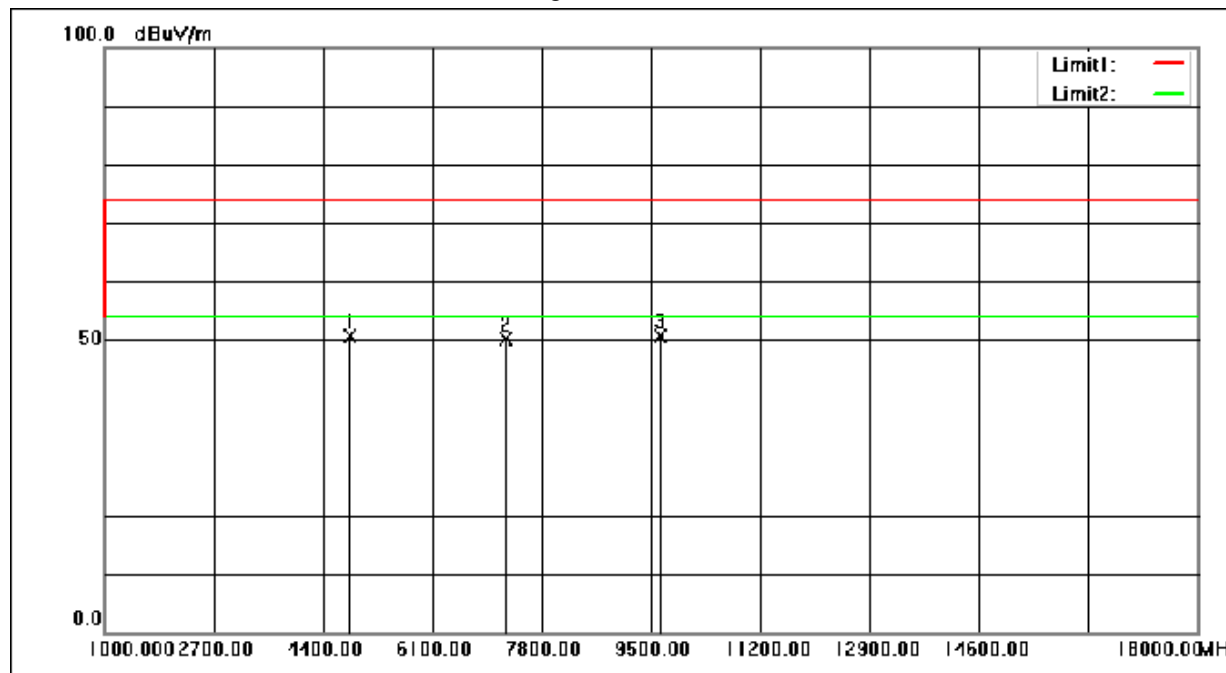
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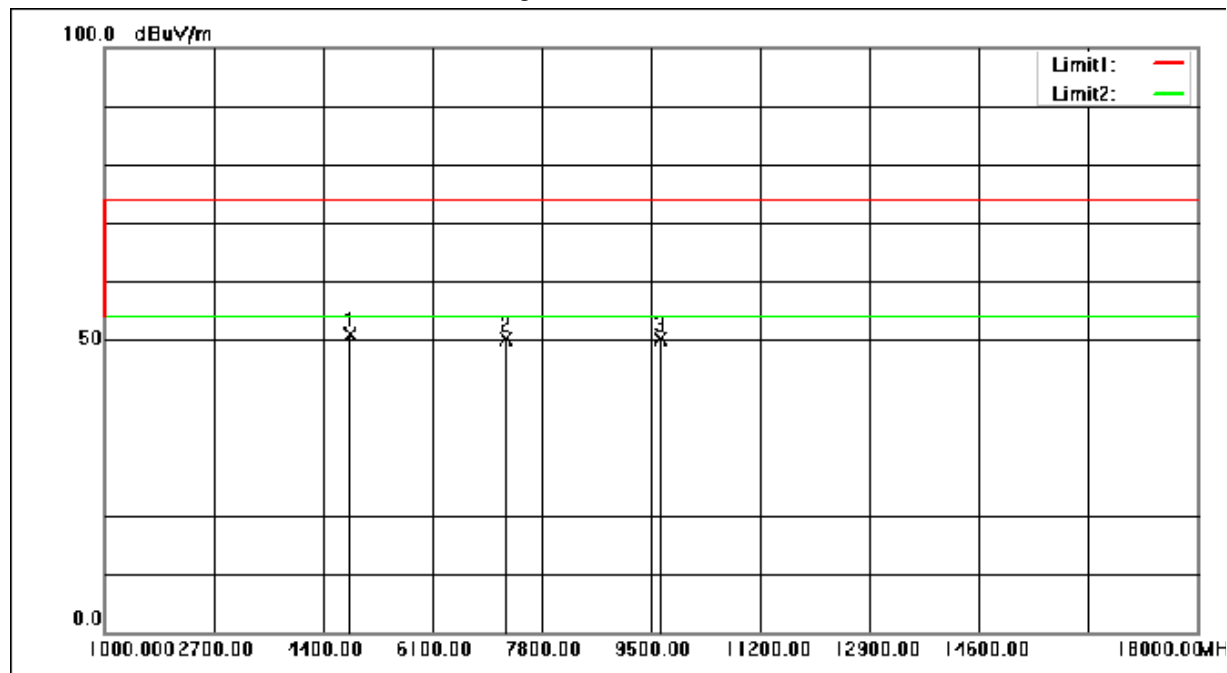
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Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:Low



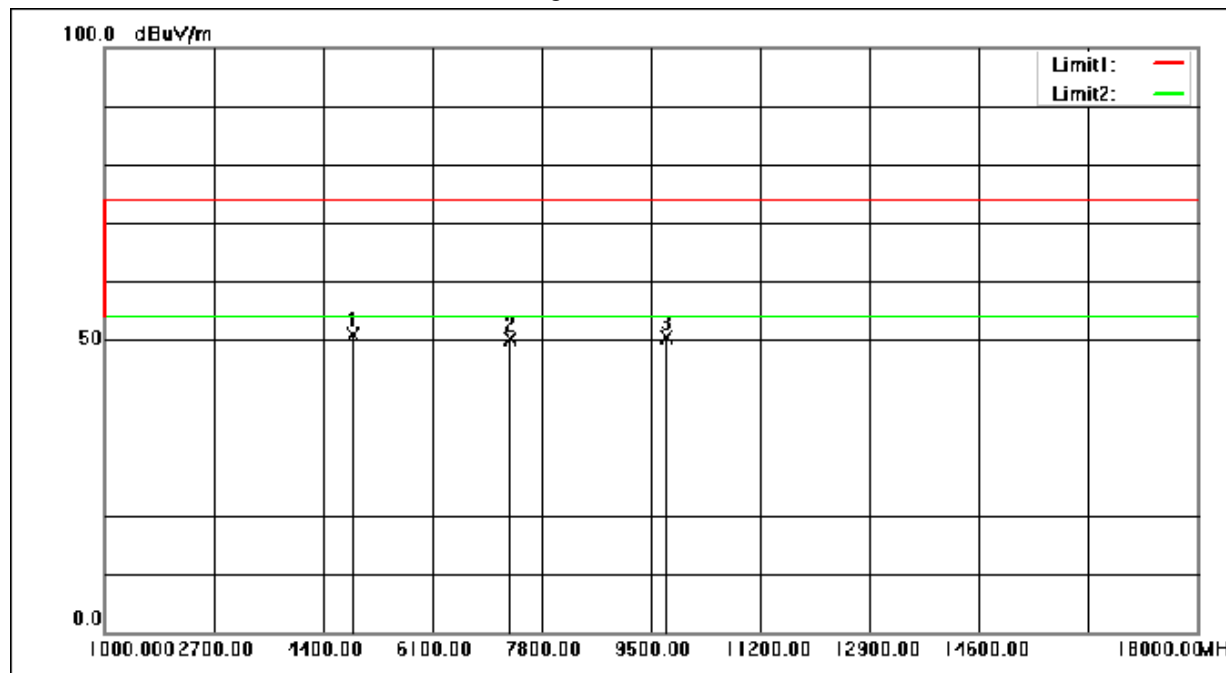
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	59.53	-8.78	50.75	74.00	-23.25	peak
2	7236.000	56.09	-5.86	50.23	74.00	-23.77	peak
3	9648.000	51.82	-1.31	50.51	74.00	-23.49	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4824.000	59.64	-8.78	50.86	74.00	-23.14	peak
2	7236.000	55.88	-5.86	50.02	74.00	-23.98	peak
3	9648.000	51.42	-1.31	50.11	74.00	-23.89	peak

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



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.57	-8.61	50.96	74.00	-23.04	peak
2	7311.000	55.87	-5.78	50.09	74.00	-23.91	peak
3	9748.000	51.73	-1.43	50.30	74.00	-23.70	peak



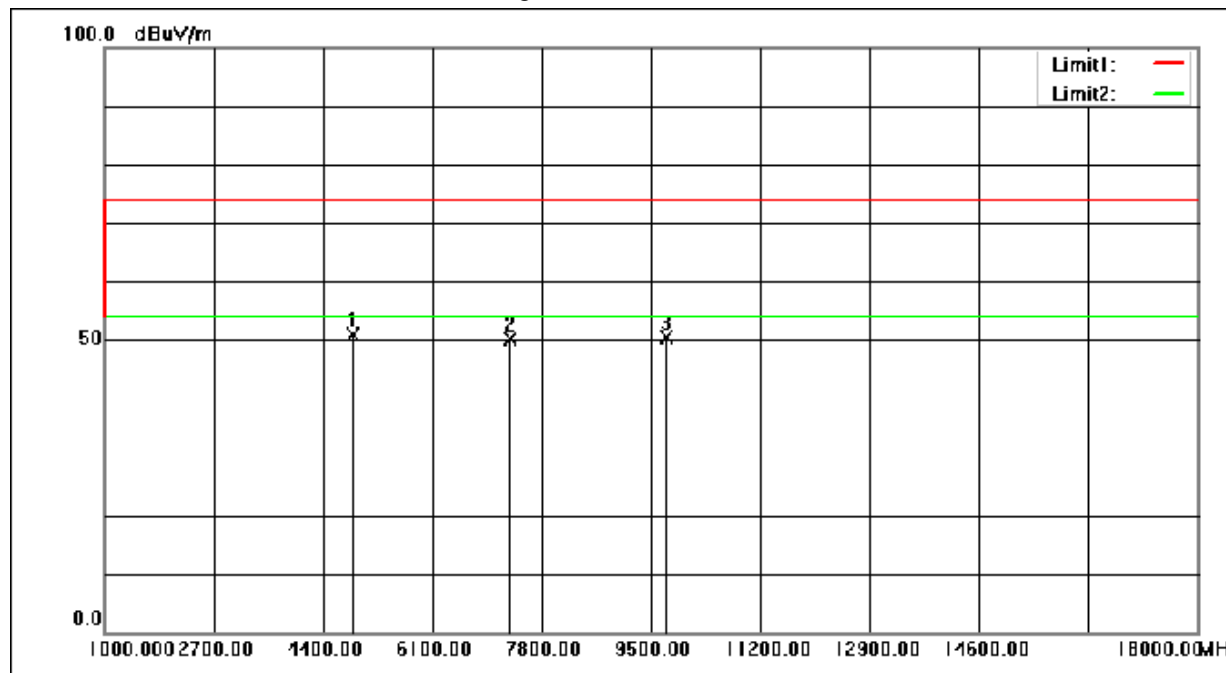
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Mode:a; Polarization:Vertical; Modulation:g; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.48	-8.61	50.87	74.00	-23.13	peak
2	7311.000	56.03	-5.78	50.25	74.00	-23.75	peak
3	9748.000	51.91	-1.43	50.48	74.00	-23.52	peak



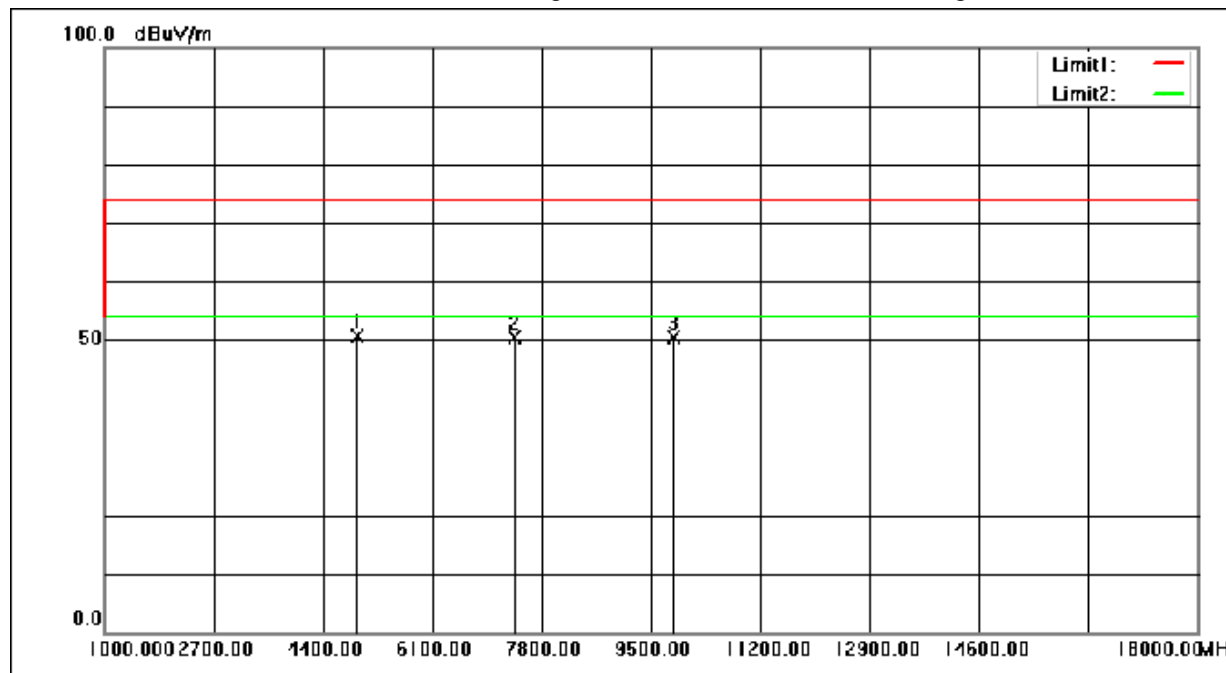
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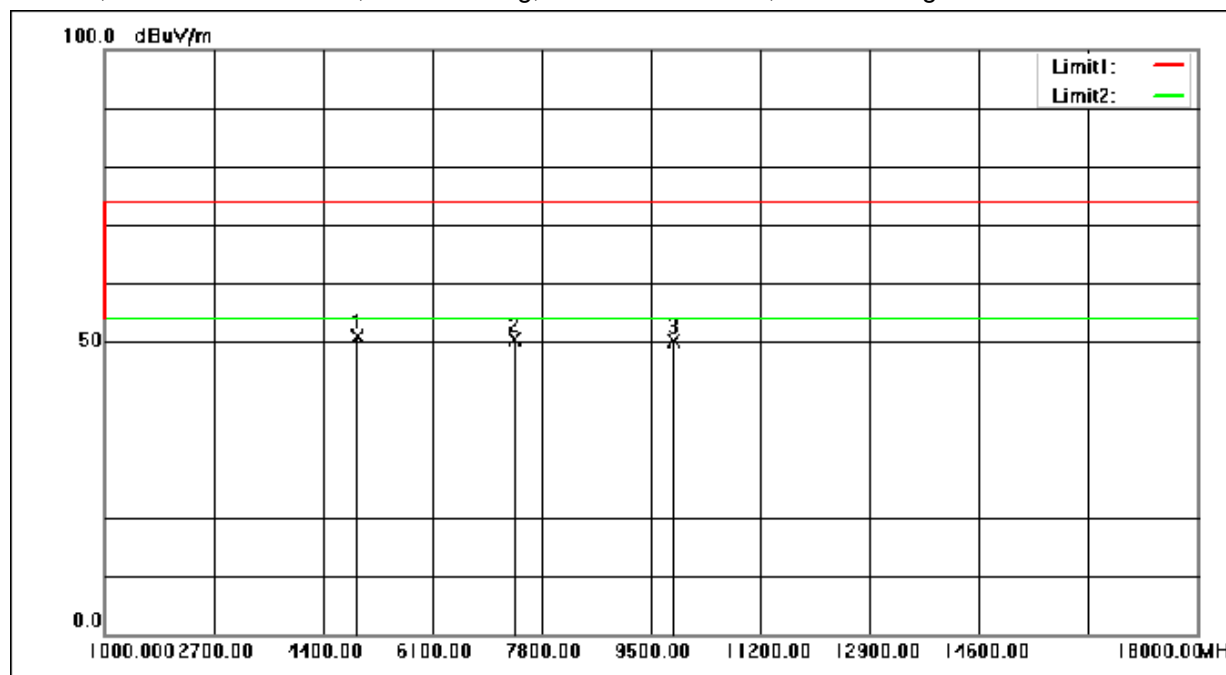
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Mode:a; Polarization:Horizontal; Modulation:g; bandwidth:20MHz; Channel:High



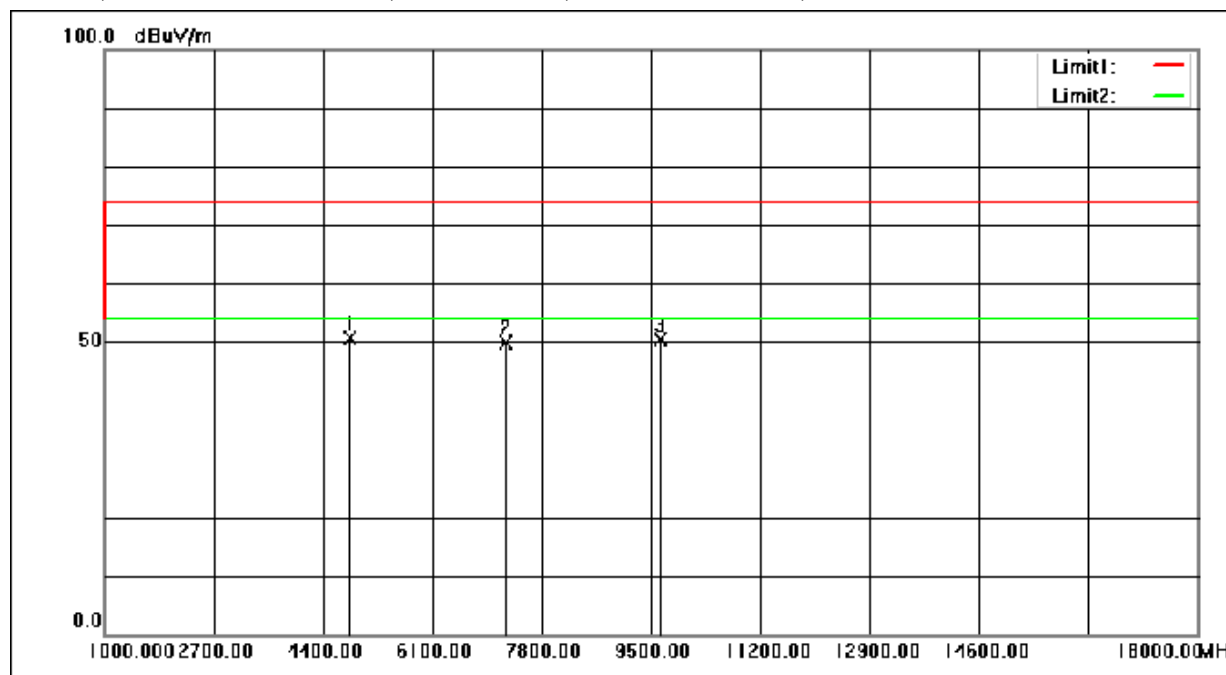
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.00	-8.44	50.56	74.00	-23.44	peak
2	7386.000	56.02	-5.69	50.33	74.00	-23.67	peak
3	9848.000	51.74	-1.27	50.47	74.00	-23.53	peak

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



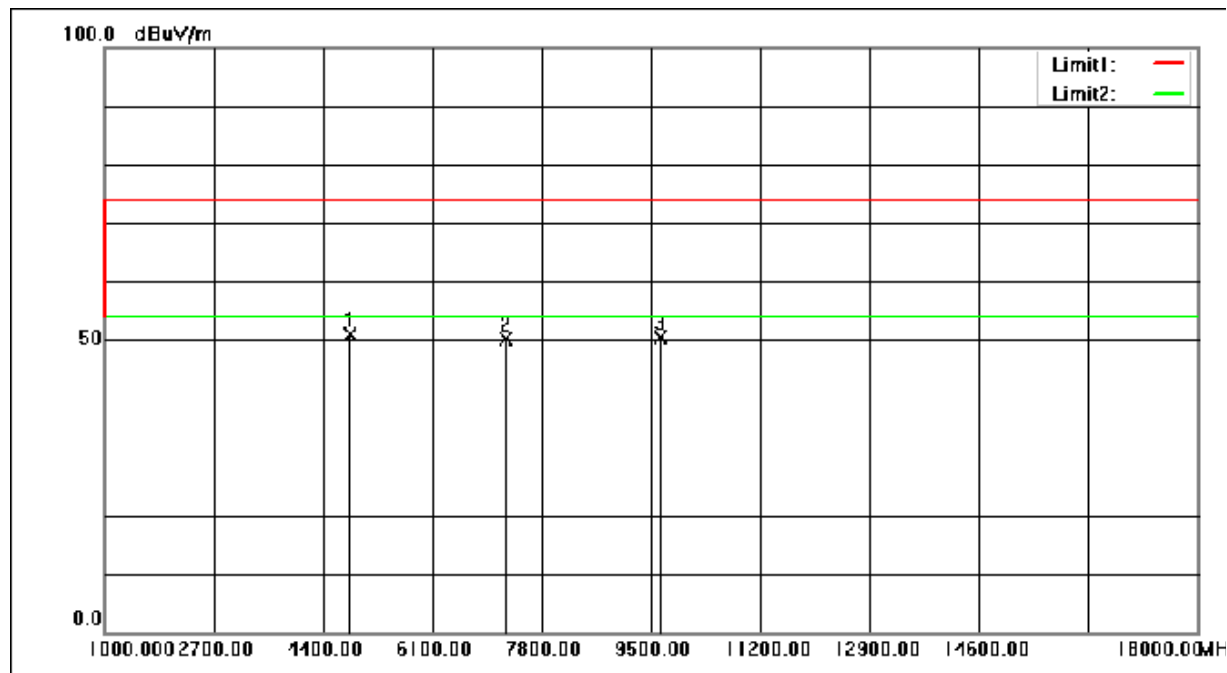
No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.30	-8.44	50.86	74.00	-23.14	peak
2	7386.000	56.18	-5.69	50.49	74.00	-23.51	peak
3	9848.000	51.47	-1.27	50.20	74.00	-23.80	peak

Mode:a; 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	4824.000	59.46	-8.78	50.68	74.00	-23.32	peak
2	7236.000	55.78	-5.86	49.92	74.00	-24.08	peak
3	9648.000	51.70	-1.31	50.39	74.00	-23.61	peak

Mode:a; 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	4824.000	59.60	-8.78	50.82	74.00	-23.18	peak
2	7236.000	56.03	-5.86	50.17	74.00	-23.83	peak
3	9648.000	51.78	-1.31	50.47	74.00	-23.53	peak

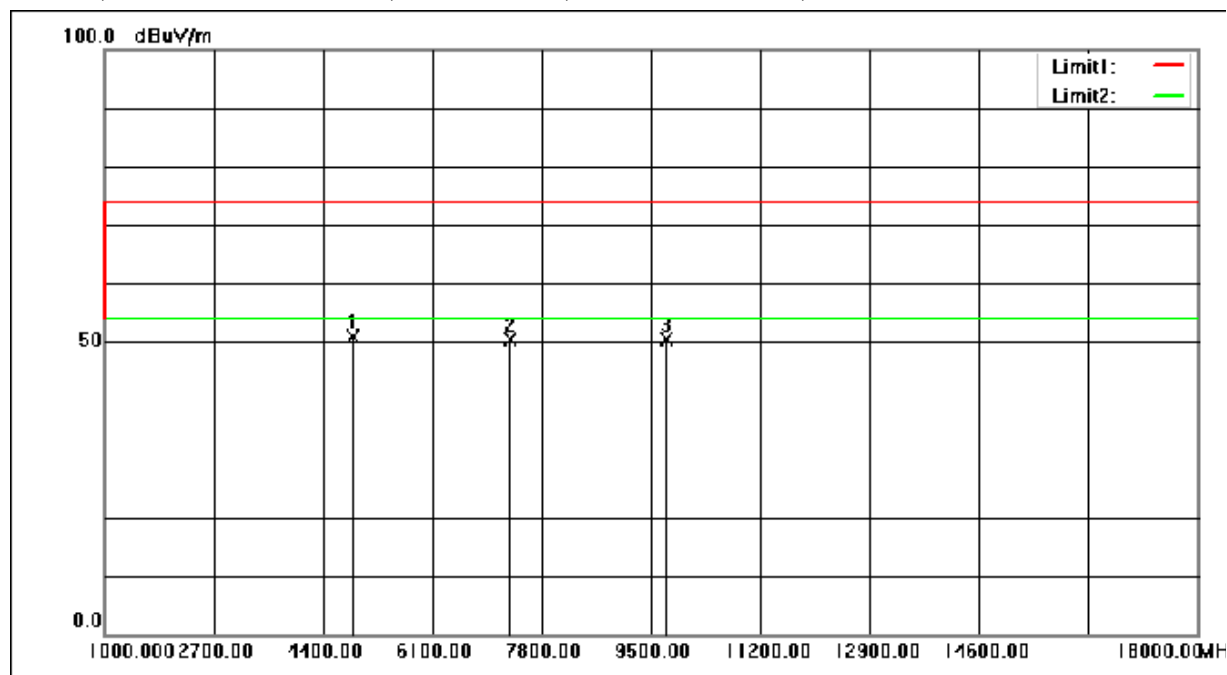


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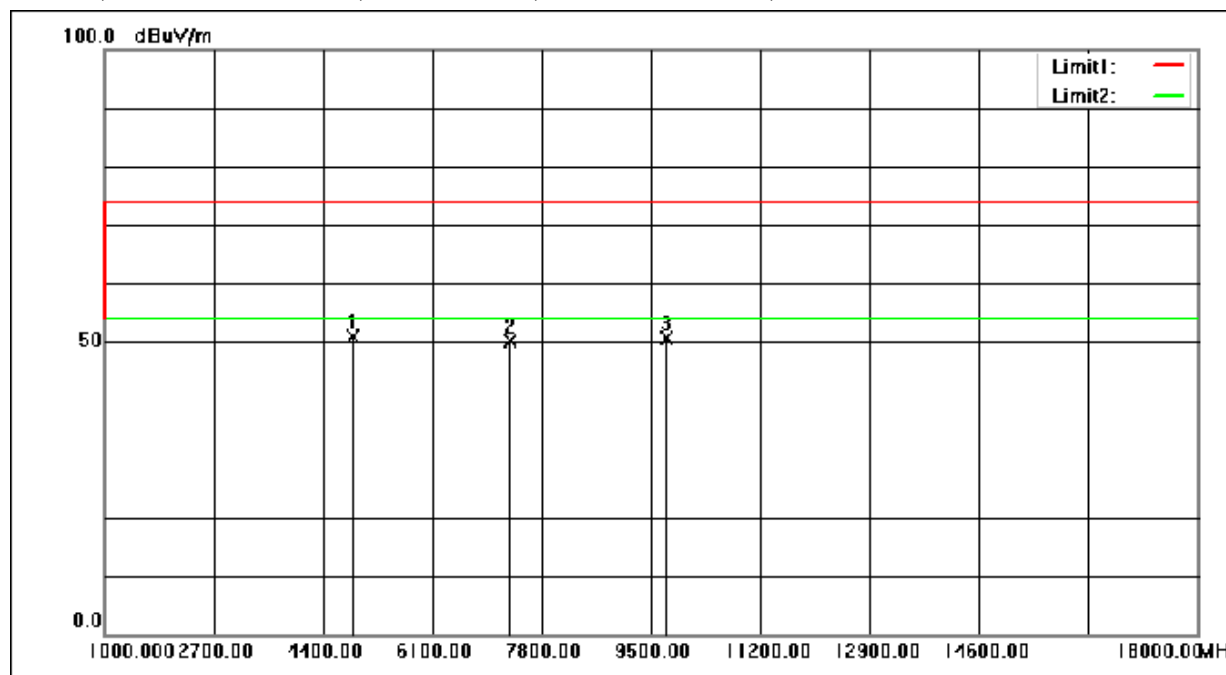
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.60	-8.61	50.99	74.00	-23.01	peak
2	7311.000	56.06	-5.78	50.28	74.00	-23.72	peak
3	9748.000	51.88	-1.43	50.45	74.00	-23.55	peak

Mode:a; 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	4874.000	59.46	-8.61	50.85	74.00	-23.15	peak
2	7311.000	56.02	-5.78	50.24	74.00	-23.76	peak
3	9748.000	52.07	-1.43	50.64	74.00	-23.36	peak



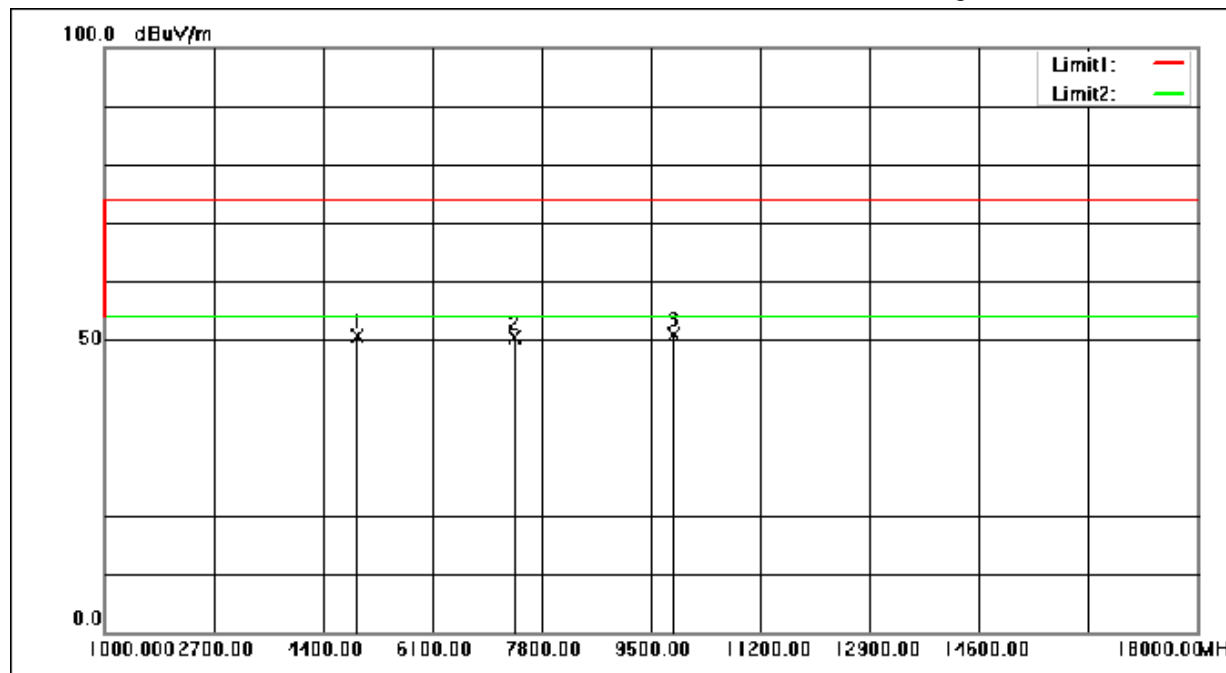
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.14	-8.44	50.70	74.00	-23.30	peak
2	7386.000	55.97	-5.69	50.28	74.00	-23.72	peak
3	9848.000	52.06	-1.27	50.79	74.00	-23.21	peak



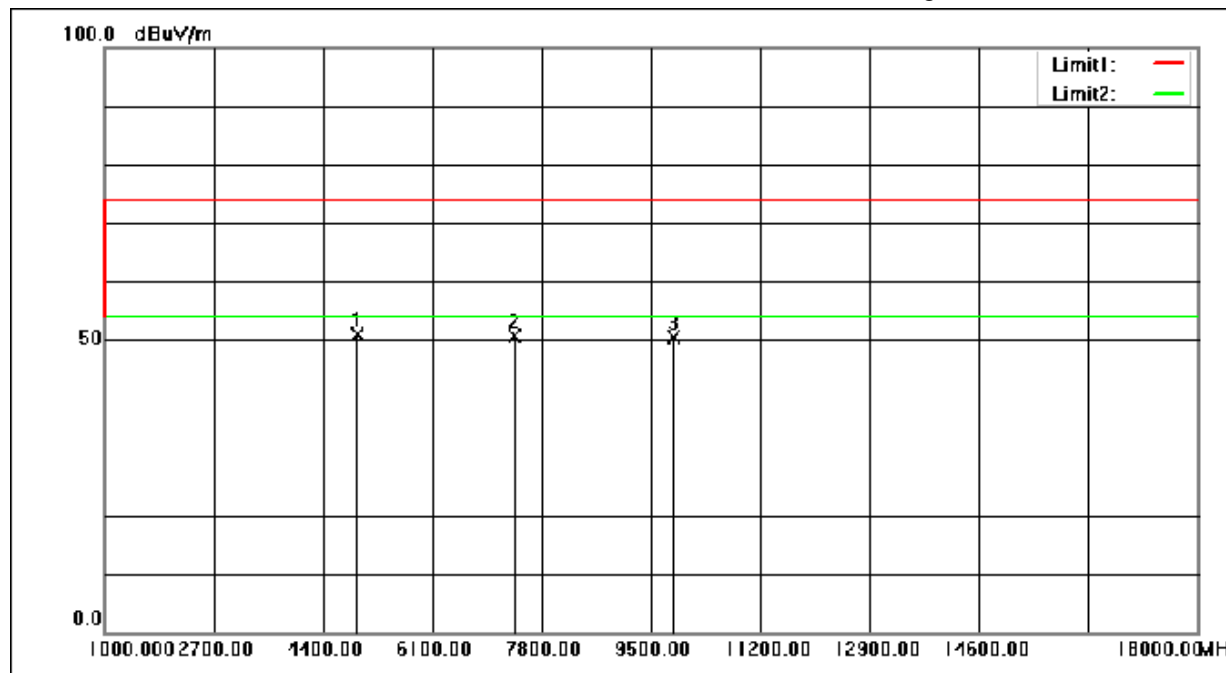
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Mode:a; Polarization:Vertical; Modulation:n; bandwidth:20MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4924.000	59.37	-8.44	50.93	74.00	-23.07	peak
2	7386.000	56.22	-5.69	50.53	74.00	-23.47	peak
3	9848.000	51.56	-1.27	50.29	74.00	-23.71	peak



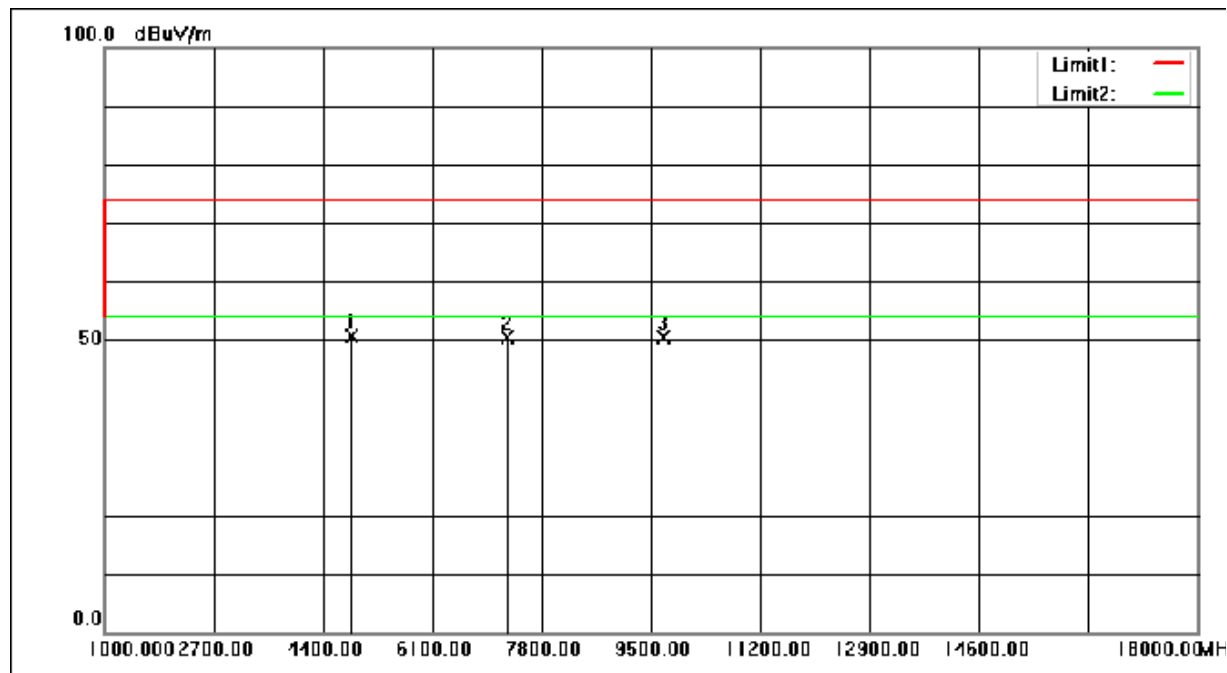
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	59.28	-8.71	50.57	74.00	-23.43	peak
2	7266.000	56.23	-5.83	50.40	74.00	-23.60	peak
3	9688.000	51.73	-1.36	50.37	74.00	-23.63	peak



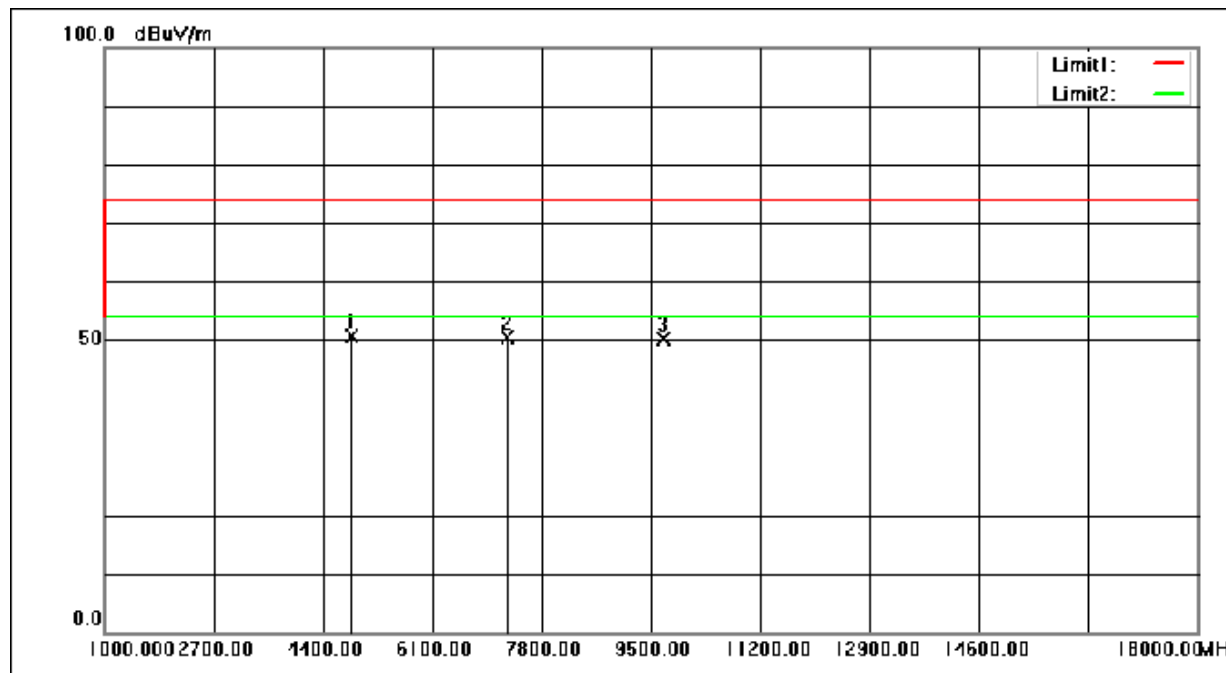
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Mode:a; Polarization:Vertical; Modulation:n; bandwidth:40MHz; Channel:Low



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4844.000	59.36	-8.71	50.65	74.00	-23.35	peak
2	7266.000	56.16	-5.83	50.33	74.00	-23.67	peak
3	9688.000	51.44	-1.36	50.08	74.00	-23.92	peak



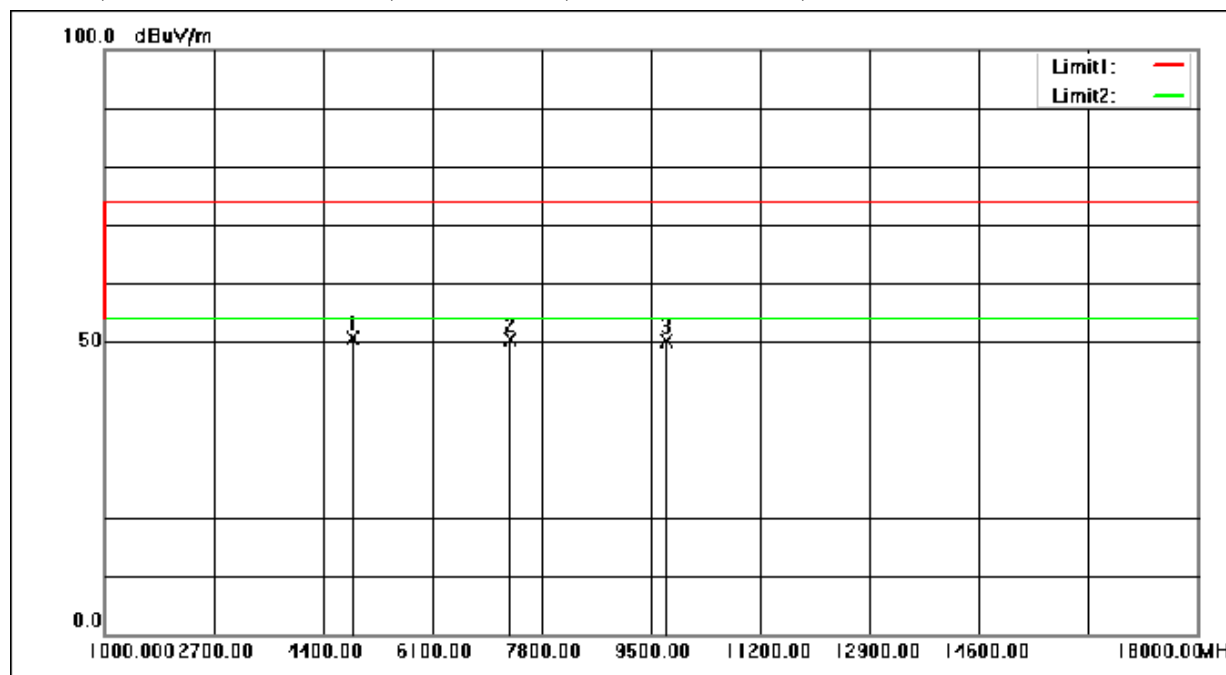
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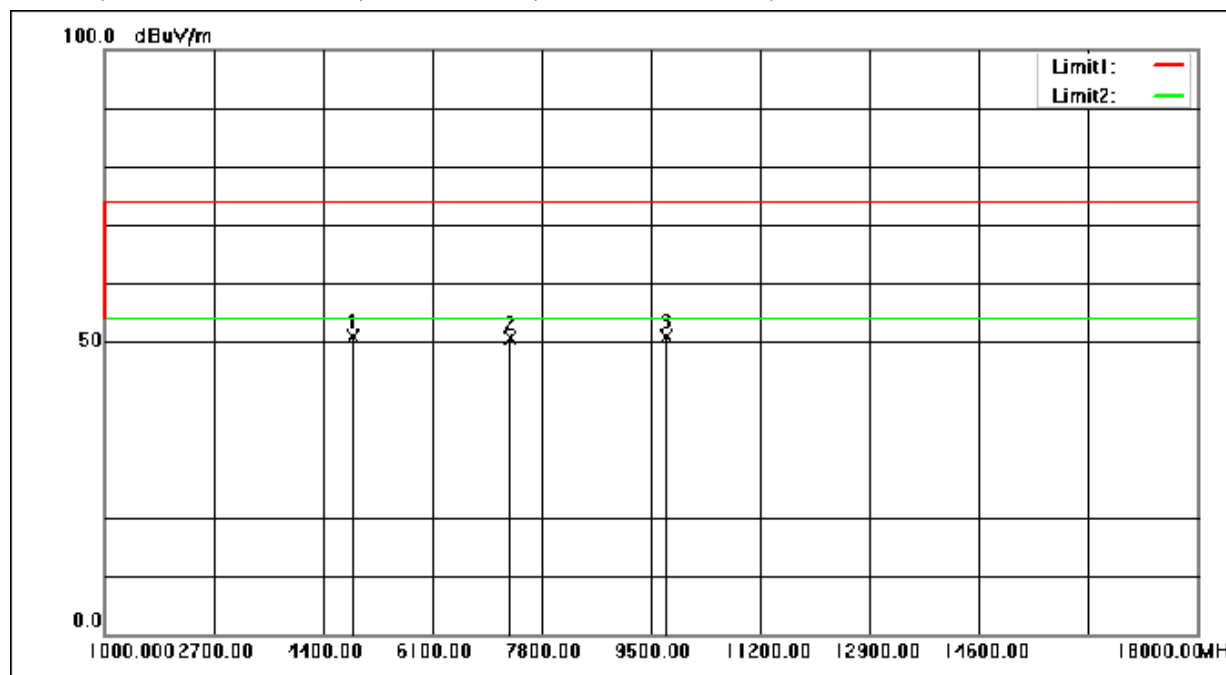
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:middle



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4874.000	59.35	-8.61	50.74	74.00	-23.26	peak
2	7311.000	56.09	-5.78	50.31	74.00	-23.69	peak
3	9748.000	51.67	-1.43	50.24	74.00	-23.76	peak

Mode:a; 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	4874.000	59.51	-8.61	50.90	74.00	-23.10	peak
2	7311.000	56.37	-5.78	50.59	74.00	-23.41	peak
3	9748.000	52.21	-1.43	50.78	74.00	-23.22	peak



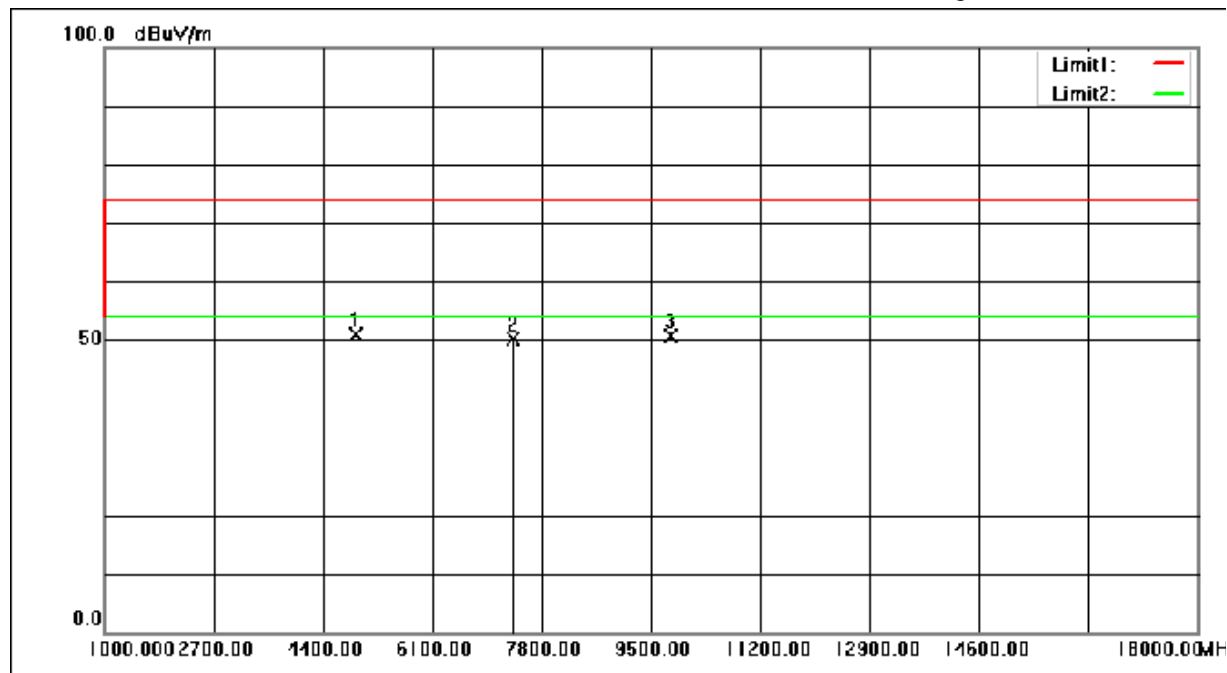
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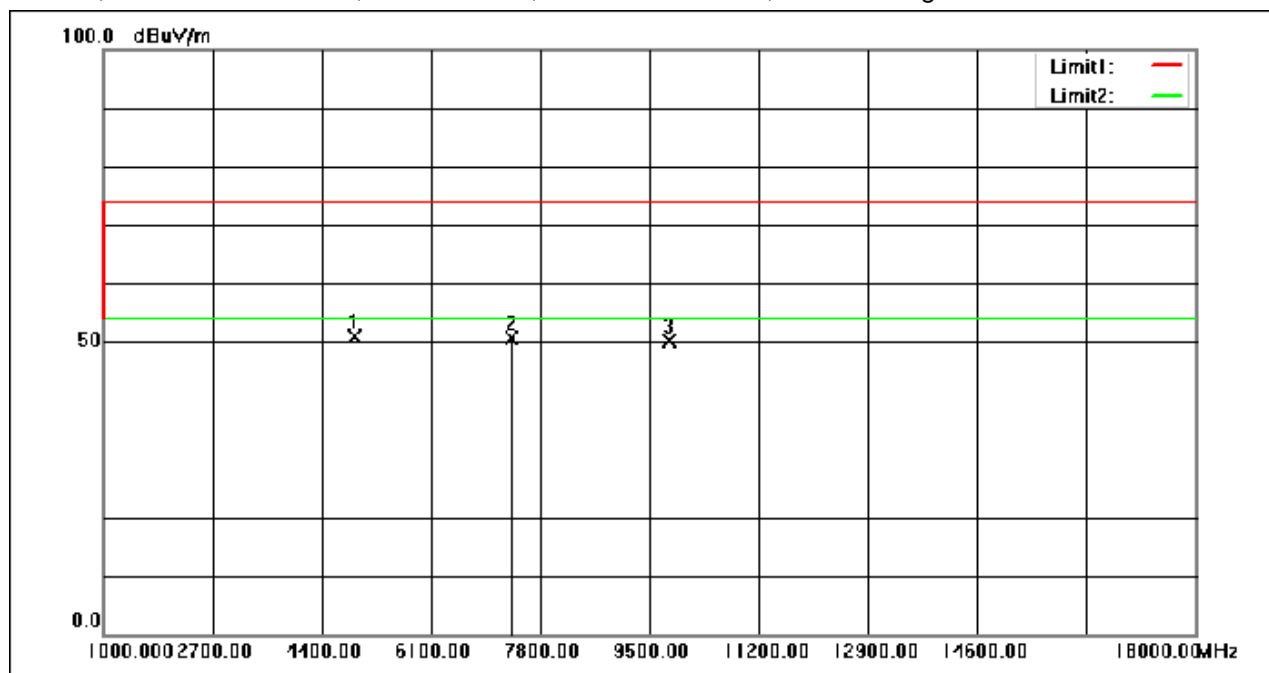
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Mode:a; Polarization:Horizontal; Modulation:n; bandwidth:40MHz; Channel:High



No.	Frequency (MHz)	Reading (dBuV)	Correction factor(dB/m)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Remark
1	4904.000	59.46	-8.51	50.95	74.00	-23.05	peak
2	7356.000	55.96	-5.73	50.23	74.00	-23.77	peak
3	9808.000	52.19	-1.47	50.72	74.00	-23.28	peak

Mode:a; 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	4904.000	59.39	-8.51	50.88	74.00	-23.12	peak
2	7356.000	56.48	-5.73	50.75	74.00	-23.25	peak
3	9808.000	51.63	-1.47	50.16	74.00	-23.84	peak



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7 Test Setup Photographs

Refer to the < Test Setup photos>.

8 EUT Constructional Details

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

- End of the Report -

