FCC Radio Test Report

FCC ID: 2AJN7-TP00160AL

Report No.	:	BTL-FCCP-3-2311T076
Equipment	:	Notebook Computer
Model Name	:	TP00160AL
Brand Name	:	Lenovo
Applicant	:	LC Future Center
Address	:	7F., No. 780, Beian Rd., Zhongshan Dist., Taipei City 104, Taiwan
Manufacturer	:	Lenovo PC HK Limited
Address	:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R. China
Radio Function	:	WCDMA Band IV, LTE Band 4, 7, 12, 13, 17, 30, 38, 41, 66, 71
FCC Rule Part(s)	:	FCC CFR Title 47, Part 27
Date of Receipt	:	2023/11/16
Date of Test	:	2023/11/28 ~ 2023/12/7
Issued Date	:	2024/1/15

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

Prepared by : Jerry Chuang, Supervisor

Approved by : Peter Chen, Manager

Testing Laboratory 0659

BTL Inc.

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the **ISO/IEC 17025** requirements, and accredited by the conformity assessment authorities listed in this test report.

BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2311T076	R00	Original Report.	2024/1/15	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
2.1046 27.50(a)(3) 27.50(b)(10) 27.50(c)(10) 27.50(d)(4) 27.50(h)(2)	Effective Radiated Power & Equivalent Isotropic Radiated Power	APPENDIX A	Pass	------
---	Peak To Average Ratio	NOTE (3)	Pass	------
2.1049	Occupied Bandwidth	NOTE (3)	Pass	------
2.1051 27.53(a)(4) 27.53(c) 27.53(g) 27.53(h) 27.53(m)(4)	Band Edge Measurements	NOTE (3)	Pass	------
2.1051 27.53(a)(4) 27.53(c) 27.53(f) 27.53(g) 27.53(h) 27.53(m)	Conducted Spurious Emissions	NOTE (3)	Pass	------
2.1055 27.54	Frequency Stability	NOTE (3)	Pass	------
2.1053 27.53(a)(4) 27.53(c) 27.53(f) 27.53(g) 27.53(h) 27.53(m)	Radiated Spurious Emissions	APPENDIX B	Pass	------

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) This item is demonstrated to full compliance referring to the test report number SEWM2304000133RG01 of the integrated module (model name: EM061K-GL, FCC ID: XMR2023EM061KGL), according to KDB 996369 D02 Q1 a) 2).
(4) The ac power lines conducted emissions and radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.

1.1 REFERENCE TEST GUIDANCE

ANSI C63.26-2015
ANSI/TIA-603-E-2016
FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

1.2 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C05 ☒ SR10 ☒ SR11
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C06 ☒ CB21 ☐ CB22

1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y ± U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

NOTE:
Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.4 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
Effective Radiated Power & Equivalent Isotropic Radiated Power	23.2 °C, 42 %	AC 120V	Jerry Chuang
Radiated Spurious Emissions	Refer to data	AC 120V	Mark Wang Kevin Zhen

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer			
Model Name	TP00160AL			
Brand Name	Lenovo			
Model Difference	N/A			
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADLX65YSDC2A)			
Power Rating	I/P: 100-240V~ 1.8A 50-60Hz O/P: 20.0VDC 3.25A 65.0W / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W			
WWAN Module	Quectel / EM061K-GL			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	WCDMA IV	1710 ~ 1755	2110 ~ 2155	
	LTE 4	1710 ~ 1755	2110 ~ 2155	
	LTE 7	2500 ~ 2570	2620 ~ 2690	
	LTE 12	699 ~ 716	729 ~ 746	
	LTE 13	777 ~ 787	746 ~ 756	
	LTE 17	704 ~ 716	734 ~ 746	
	LTE 30	2305 ~ 2315	2350 ~ 2360	
	LTE 38	2570 ~ 2620	-	
	LTE 41	2496 ~ 2690	-	
	LTE 66	1710 ~ 1780	2110 ~ 2200	
	LTE 71	663 ~ 698	617 ~ 652	
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	WCDMA IV	-	-	0.204
	LTE 4	1.4	QPSK	0.192
			16QAM	0.166
		3	QPSK	0.194
			16QAM	0.167
		5	QPSK	0.196
			16QAM	0.170
		10	QPSK	0.198
			16QAM	0.172
		15	QPSK	0.201
			16QAM	0.174
		20	QPSK	0.204
			16QAM	0.175
	LTE 7	5	QPSK	0.097
			16QAM	0.082
		10	QPSK	0.099
			16QAM	0.083
		15	QPSK	0.100
			16QAM	0.084
		20	QPSK	0.101
			16QAM	0.085
	LTE 30	5	QPSK	0.130
			16QAM	0.107
		10	QPSK	0.132
			16QAM	0.108

Maximum EIRP	LTE 38	5	QPSK	0.066
			16QAM	0.055
		10	QPSK	0.067
			16QAM	0.056
		15	QPSK	0.068
			16QAM	0.057
		20	QPSK	0.068
			16QAM	0.058
	LTE 41	5	QPSK	0.121
			16QAM	0.102
		10	QPSK	0.122
			16QAM	0.103
		15	QPSK	0.124
			16QAM	0.104
		20	QPSK	0.125
			16QAM	0.105
	LTE 66	1.4	QPSK	0.204
			16QAM	0.175
		3	QPSK	0.207
			16QAM	0.176
		5	QPSK	0.209
			16QAM	0.179
		10	QPSK	0.211
			16QAM	0.182
		15	QPSK	0.214
			16QAM	0.185
		20	QPSK	0.218
			16QAM	0.187
Maximum ERP	LTE 12	1.4	QPSK	0.087
			16QAM	0.074
		3	QPSK	0.089
			16QAM	0.075
		5	QPSK	0.090
			16QAM	0.076
		10	QPSK	0.091
			16QAM	0.077
	LTE 13	5	QPSK	0.058
			16QAM	0.048
		10	QPSK	0.058
			16QAM	0.049
	LTE 17	5	QPSK	0.086
			16QAM	0.073
		10	QPSK	0.087
			16QAM	0.074
	LTE 71	5	QPSK	0.110
			16QAM	0.107
		10	QPSK	0.111
			16QAM	0.108
		15	QPSK	0.113
			16QAM	0.110
		20	QPSK	0.114
			16QAM	0.111

Test Model	TP00160AL
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:
(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Table for Filed Antenna:

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	Luxshare-ICT	DC33022F20	PIFA	I-PEX	-0.06	WCDMA Band IV
						LTE Band 4
					-2.97	LTE Band 7
					-1.00	LTE Band 12
					-3.31	LTE Band 13
					-1.23	LTE Band 17
					0.73	LTE Band 30
					-3.39	LTE Band 38
					-0.82	LTE Band 41
					-0.06	LTE Band 66
					-0.41	LTE Band 71
Aux	Luxshare-ICT	DC33022F20	PIFA	I-PEX	-	RX only

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	SPEEDWIRE	DC33022J60	PIFA	I-PEX	-0.06	WCDMA Band IV
						LTE Band 4
					-2.97	LTE Band 7
					-1.00	LTE Band 12
					-3.31	LTE Band 13
					-1.23	LTE Band 17
					0.73	LTE Band 30
					-3.39	LTE Band 38
					-0.82	LTE Band 41
					-0.06	LTE Band 66
					-0.41	LTE Band 71
Aux	SPEEDWIRE	DC33022J60	PIFA	I-PEX	-	RX only

(3) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

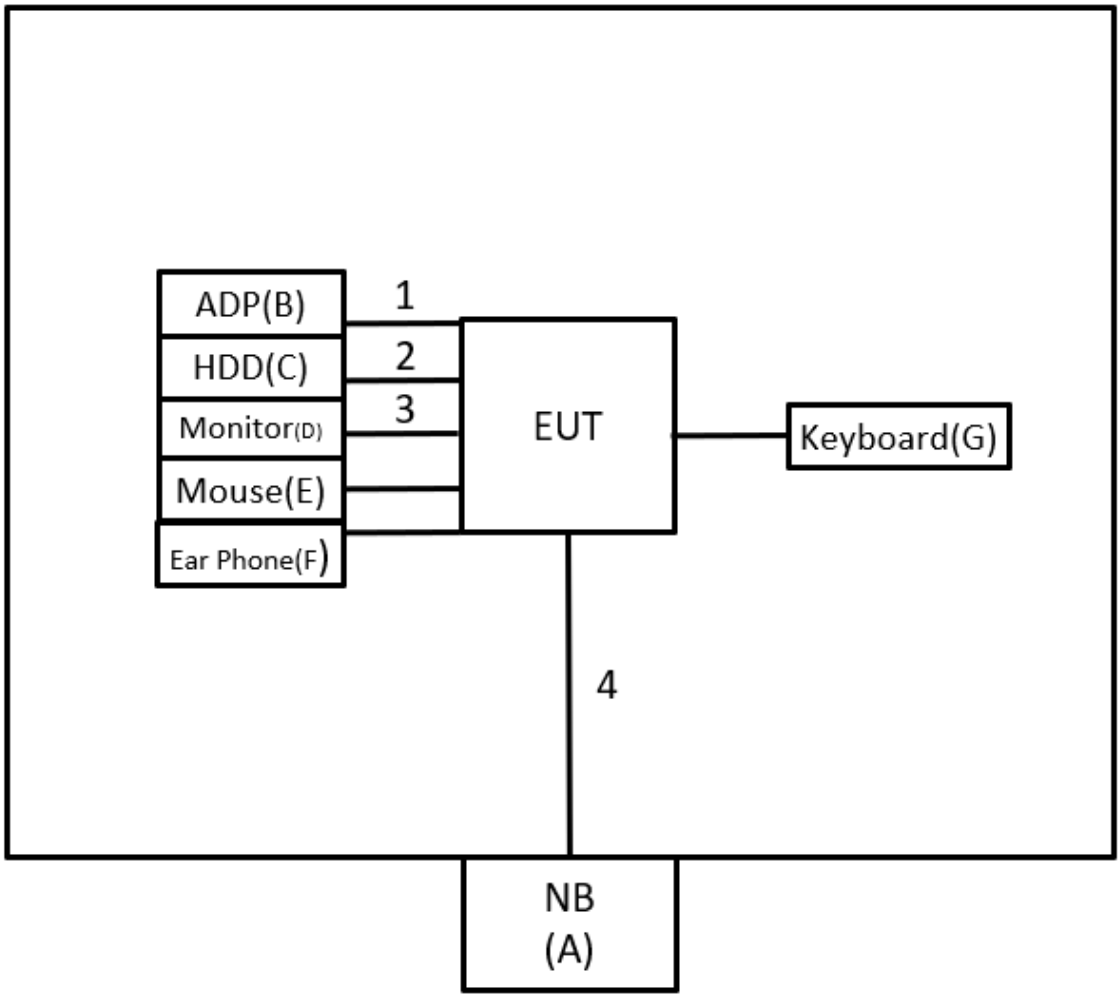
2.2 TEST MODES

Test Items	Band	Test Mode	Note
Effective Radiated Power & Equivalent Isotropic Radiated Power	WCDMA Band IV	Refer to APPENDIX B	-
	LTE Band 4		
	LTE Band 7		
	LTE Band 12		
	LTE Band 13		
	LTE Band 17		
	LTE Band 30		
	LTE Band 38		
	LTE Band 41		
	LTE Band 66		
	LTE Band 71		
Radiated Spurious Emissions (Below 1G)	WCDMA Band IV	TX Mode (CH 1413)	-
	LTE Band 4	TX Mode (CH 20050)	-
	LTE Band 7	TX Mode (CH 21350)	-
	LTE Band 12	TX Mode (CH 23130)	-
	LTE Band 13	TX Mode (CH 23230)	-
	LTE Band 17	TX Mode (CH 23800)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 38150)	-
	LTE Band 41	TX Mode (CH 40620)	-
	LTE Band 66	TX Mode (CH 132322)	-
	LTE Band 71	TX Mode (CH 133222)	-
Radiated Spurious Emissions (Above 1G)	WCDMA Band IV	TX Mode (CH 1312/1413/1513)	-
	LTE Band 4	TX Mode (CH 20050/20175/20300)	-
	LTE Band 7	TX Mode (CH 20850/21100/21350)	-
	LTE Band 12	TX Mode (CH 23060/23095/23130)	-
	LTE Band 13	TX Mode (CH 23230)	-
	LTE Band 17	TX Mode (CH 23780/23790/23800)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 37850/38000/38150)	-
	LTE Band 41	TX Mode (CH 39750/40620/41490)	-
	LTE Band 66	TX Mode (CH 132072/132322/132572)	-
	LTE Band 71	TX Mode (CH 133222/133297/133372)	-
Radiated Spurious Emissions (Above 18G)	LTE Band 7	TX Mode (CH 21350)	-
	LTE Band 30	TX Mode (CH 27710)	-

NOTE:
(1) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
(2) For Radiated Spurious Emissions both QPSK and 16QAM are evaluated, but only the worst case (QPSK) is recorded.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	HP	TPN-I119	N/A	Furnished by test lab.
B	ADP	Lenovo	ADLX65YSDC2A	N/A	Supplied by test requester.
C	USB 2.5" HDD	TOSIBA	XS700	483B60M9KQSS	Furnished by test lab.
D	27” 4K Monitor	DELL	U2720Q	CN-083VF-WSL00-0B7-332L	Furnished by test lab.
E	Mouse	Lenovo	SM-8823	N/A	Furnished by test lab.
F	Ear Phone	HTC	N/A	N/A	Furnished by test lab.
G	Keyboard	Bloody	KB-8	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.9m	Power Cord	Supplied by test requester.
2	N/A	N/A	1m	Type C to USB Cable	Furnished by test lab.
3	N/A	N/A	1.8m	HDMI	Furnished by test lab.
4	N/A	N/A	10m	RJ45 Cable	Furnished by test lab.

3 EFFECTIVE RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER MEASUREMENT

3.1 LIMIT

WCDMA IV, LTE Band 4 and 66:
27.50(d)(4) Fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

LTE Band 7, 38 and 41:
27.50(h)(2) BRS and EBS: Mobile and other user stations. Mobile stations are limited to 2.0 watts EIRP. All user stations are limited to 2.0 watts transmitter output power.

LTE Band 12, 17 and 71:
27.50(c)(10) Portable stations (hand-held devices) in the 600 MHz uplink band and the 698-746 MHz band, and fixed and mobile stations in the 600 MHz uplink band are limited to 3 watts ERP.

LTE Band 13:
27.50(b)(10) Portable stations (hand-held devices) transmitting in the 746-757 MHz, 776-788 MHz, and 805-806 MHz bands are limited to 3 watts ERP.

LTE Band 30:
27.50(a)(3) Mobile and portable stations. (i) For mobile and portable stations transmitting in the 2305-2315 MHz band or the 2350-2360 MHz band, the average EIRP must not exceed 50 milliwatts within any 1 megahertz of authorized bandwidth, except that for mobile and portable stations compliant with 3GPP LTE standards or another advanced mobile broadband protocol that avoids concentrating energy at the edge of the operating band the average EIRP must not exceed 250 milliwatts within any 5 megahertz of authorized bandwidth but may exceed 50 milliwatts within any 1 megahertz of authorized bandwidth.

3.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5.8.

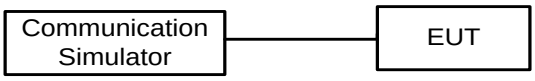
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR - 2.15dBi..
e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP

Conducted Measurement:



3.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.1 LIMIT

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The emission limit equal to -13dBm.

NOTE:
(1) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

Reading Level (dBm)		Correct Factor (dB/m)		Measurement Value (dBm)
-50.43	+	-2.11	=	-52.54

Measurement Value (dBm)		Limit Value (dBm)		Margin Level (dB)
-52.54	-	-13	=	-39.54

4.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 6.2.

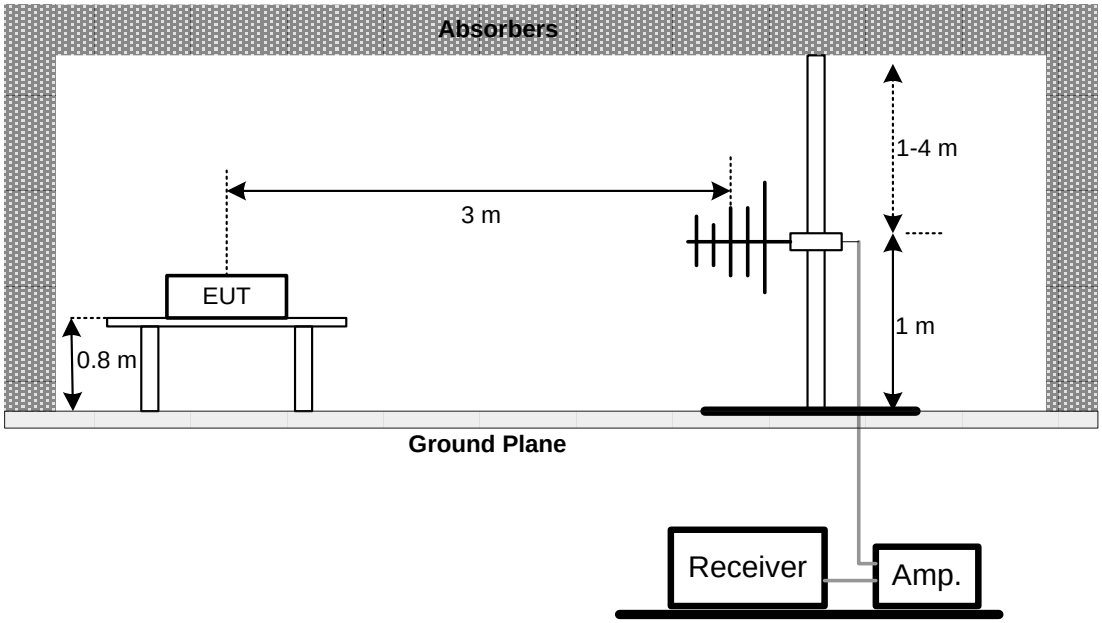
f. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
g. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
h. EIRP = Output power level of S.G - TX cable loss + Antenna gain of substitution horn.
i. ERP power can be calculated form EIRP power by subtracting the gain of dipole,
ERP power = EIRP power - 2.15 dBi.
j. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz / 3 MHz.

4.3 DEVIATION FROM TEST STANDARD

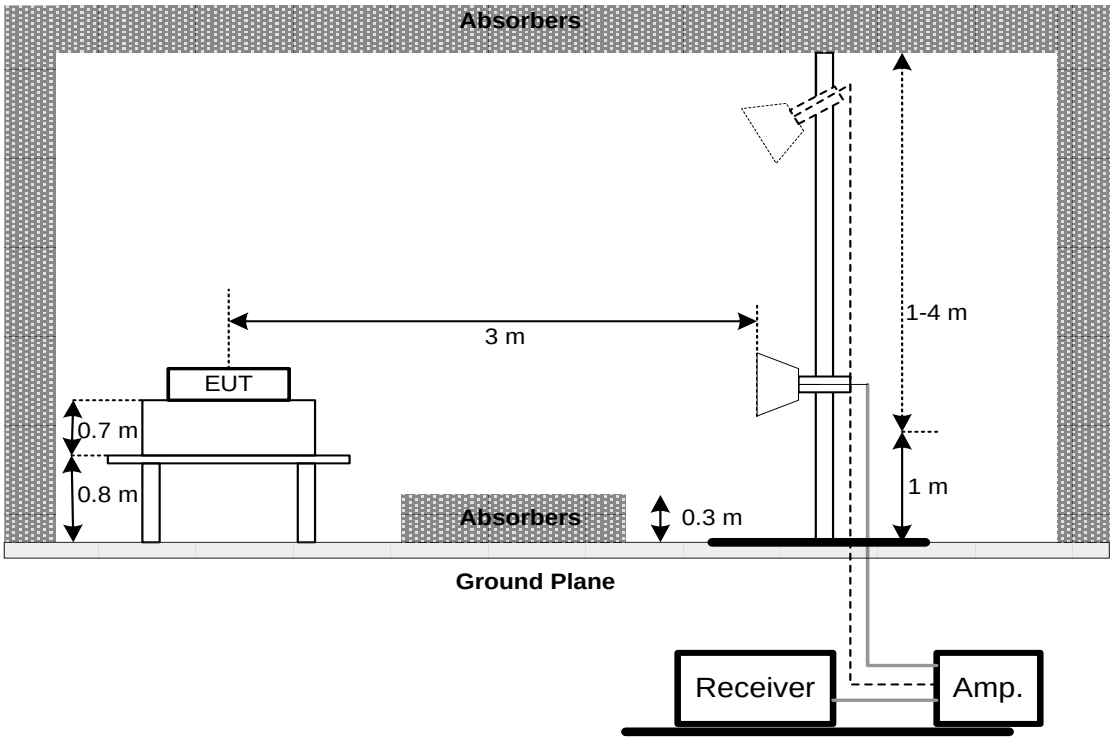
No deviation.

4.4 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX B

5 LIST OF MEASURING EQUIPMENTS

Effective Radiated Power and Effective Isotropic Radiated Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2023/7/4	2024/7/3
2	Radio Communication Analyzer	ANRITSU	MT8820C	6201381608	2022/12/22	2023/12/21
3	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2023/11/22	2024/11/21

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Test Cable	EMCI	EMC104-SM-1000	180809	2023/7/10	2024/7/9
5	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
6	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
7	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
8	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
9	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
10	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
11	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
12	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
13	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
14	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2023/7/4	2024/7/3
15	Radio Communication Analyzer	ANRITSU	MT8820C	6201381608	2022/12/22	2023/12/21
16	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2023/11/22	2024/11/21
17	Wideband Radio Communication Tester	R&S	CMW500	154121	2023/1/12	2024/1/11
18	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Remark: “N/A” denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

6 EUT TEST PHOTO

Please refer to document Appendix No.: TP-2311T076-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2311T076-1 (APPENDIX-EUT PHOTOS).

APPENDIX A EFFECTIVE RADIATED POWER & EQUIVALENT ISOTROPIC RADIATED POWER

WCDMA Band IV Power:

Band	Mode	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
WCDMA Band IV	Rel 99	1312/1537	1712.4	23.11	23.05	0.202
		1413/1638	1732.6	23.15	23.09	0.204
		1513/1738	1752.6	23.02	22.96	0.198

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSDPA IV	1	1312/1537	1712.4	22.90	22.84	0.192
		1413/1638	1732.6	22.94	22.88	0.194
		1513/1738	1752.6	22.81	22.75	0.188
	2	1312/1537	1712.4	22.40	22.34	0.171
		1413/1638	1732.6	22.44	22.38	0.173
		1513/1738	1752.6	22.31	22.25	0.168
	3	1312/1537	1712.4	21.90	21.84	0.153
		1413/1638	1732.6	21.94	21.88	0.154
		1513/1738	1752.6	21.81	21.75	0.150
	4	1312/1537	1712.4	21.90	21.84	0.153
		1413/1638	1732.6	21.94	21.88	0.154
		1513/1738	1752.6	21.81	21.75	0.150

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSUPA IV	1	1312/1537	1712.4	23.02	22.96	0.198
		1413/1638	1732.6	23.08	23.02	0.200
		1513/1738	1752.6	23.00	22.94	0.197
	2	1312/1537	1712.4	21.02	20.96	0.125
		1413/1638	1732.6	21.08	21.02	0.126
		1513/1738	1752.6	21.00	20.94	0.124
	3	1312/1537	1712.4	22.02	21.96	0.157
		1413/1638	1732.6	22.08	22.02	0.159
		1513/1738	1752.6	22.00	21.94	0.156
	4	1312/1537	1712.4	21.02	20.96	0.125
		1413/1638	1732.6	21.08	21.02	0.126
		1513/1738	1752.6	21.00	20.94	0.124
	5	1312/1537	1712.4	23.02	22.96	0.198
		1413/1638	1732.6	23.08	23.02	0.200
		1513/1738	1752.6	23.00	22.94	0.197

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 4 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
4	1.4	19957	1710.7	QPSK	1	0	0	22.78	22.72	0.187
					1	2	0	22.84	22.78	0.190
					1	5	0	22.83	22.77	0.189
					6	0	1	21.99	21.93	0.156
				16QAM	1	0	1	21.96	21.90	0.155
					1	2	1	22.12	22.06	0.161
					1	5	1	21.97	21.91	0.155
					6	0	2	20.90	20.84	0.121
		20175	1732.5	QPSK	1	0	0	22.89	22.83	0.192
					1	2	0	22.82	22.76	0.189
					1	5	0	22.75	22.69	0.186
					6	0	1	21.96	21.90	0.155
				16QAM	1	0	1	22.25	22.19	0.166
					1	2	1	22.06	22.00	0.158
					1	5	1	21.85	21.79	0.151
					6	0	2	20.90	20.84	0.121
		20393	1754.3	QPSK	1	0	0	22.81	22.75	0.188
					1	2	0	22.88	22.82	0.191
					1	5	0	22.71	22.65	0.184
					6	0	1	21.92	21.86	0.153
				16QAM	1	0	1	22.17	22.11	0.163
					1	2	1	22.09	22.03	0.160
					1	5	1	21.87	21.81	0.152
					6	0	2	20.82	20.76	0.119

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	3	19965	1711.5	QPSK	1	8	0	22.82	22.76	0.189
					1	14	0	22.89	22.83	0.192
					1	15	0	22.90	22.84	0.192
					15	6	1	22.03	21.97	0.157
				16QAM	1	8	1	22.01	21.95	0.157
					1	14	1	22.18	22.12	0.163
					1	15	1	22.03	21.97	0.157
					15	6	2	20.96	20.90	0.123
		20175	1732.5	QPSK	1	8	0	22.93	22.87	0.194
					1	14	0	22.87	22.81	0.191
					1	15	0	22.80	22.74	0.188
					15	6	1	22.02	21.96	0.157
				16QAM	1	8	1	22.30	22.24	0.167
					1	14	1	22.12	22.06	0.161
					1	15	1	21.91	21.85	0.153
					15	6	2	20.95	20.89	0.123
		20385	1753.5	QPSK	1	8	0	22.88	22.82	0.191
					1	14	0	22.92	22.86	0.193
					1	15	0	22.78	22.72	0.187
					15	6	1	22.00	21.94	0.156
				16QAM	1	8	1	22.23	22.17	0.165
					1	14	1	22.13	22.07	0.161
					1	15	1	21.91	21.85	0.153
					15	6	2	20.88	20.82	0.121

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	5	19975	1712.5	QPSK	1	0	0	22.89	22.83	0.192
					1	12	0	22.95	22.89	0.195
					1	24	0	22.96	22.90	0.195
					25	0	1	22.08	22.02	0.159
				16QAM	1	0	1	22.08	22.02	0.159
					1	12	1	22.24	22.18	0.165
					1	24	1	22.11	22.05	0.160
					25	0	2	21.03	20.97	0.125
		20175	1732.5	QPSK	1	0	0	22.99	22.93	0.196
					1	12	0	22.94	22.88	0.194
					1	24	0	22.86	22.80	0.191
					25	0	1	22.06	22.00	0.158
				16QAM	1	0	1	22.36	22.30	0.170
					1	12	1	22.16	22.10	0.162
					1	24	1	21.97	21.91	0.155
					25	0	2	21.01	20.95	0.124
		20375	1752.5	QPSK	1	0	0	22.94	22.88	0.194
					1	12	0	22.96	22.90	0.195
					1	24	0	22.85	22.79	0.190
					25	0	1	22.05	21.99	0.158
				16QAM	1	0	1	22.28	22.22	0.167
					1	12	1	22.19	22.13	0.163
					1	24	1	21.99	21.93	0.156
					25	0	2	20.96	20.90	0.123

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	10	20000	1715.0	QPSK	1	0	0	22.95	22.89	0.195
					1	24	0	22.99	22.93	0.196
					1	49	0	23.02	22.96	0.198
					50	0	1	22.13	22.07	0.161
				16QAM	1	0	1	22.15	22.09	0.162
					1	24	1	22.29	22.23	0.167
					1	49	1	22.18	22.12	0.163
					50	0	2	21.10	21.04	0.127
		20175	1732.5	QPSK	1	0	0	22.62	22.56	0.180
					1	24	0	22.99	22.93	0.196
					1	49	0	22.93	22.87	0.194
					50	0	1	22.11	22.05	0.160
				16QAM	1	0	1	22.42	22.36	0.172
					1	24	1	22.24	22.18	0.165
					1	49	1	22.02	21.96	0.157
					50	0	2	21.05	20.99	0.126
		20350	1750.0	QPSK	1	0	0	23.01	22.95	0.197
					1	24	0	23.02	22.96	0.198
					1	49	0	22.91	22.85	0.193
					50	0	1	22.10	22.04	0.160
				16QAM	1	0	1	22.33	22.27	0.169
					1	24	1	22.27	22.21	0.166
					1	49	1	22.04	21.98	0.158
					50	0	2	21.04	20.98	0.125

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	15	20025	1717.5	QPSK	1	0	0	22.99	22.93	0.196
					1	38	0	23.05	22.99	0.199
					1	74	0	23.09	23.03	0.201
					75	0	1	22.18	22.12	0.163
				16QAM	1	0	1	22.21	22.15	0.164
					1	38	1	22.34	22.28	0.169
					1	74	1	22.26	22.20	0.166
					75	0	2	21.17	21.11	0.129
		20175	1732.5	QPSK	1	0	0	22.80	22.74	0.188
					1	38	0	23.05	22.99	0.199
					1	74	0	23.00	22.94	0.197
					75	0	1	22.16	22.10	0.162
				16QAM	1	0	1	22.46	22.40	0.174
					1	38	1	22.31	22.25	0.168
					1	74	1	22.09	22.03	0.160
					100	0	2	21.11	21.05	0.127
		20325	1747.5	QPSK	1	0	0	23.08	23.02	0.200
					1	38	0	23.07	23.01	0.200
					1	74	0	22.99	22.93	0.196
					75	0	1	22.16	22.10	0.162
				16QAM	1	0	1	22.39	22.33	0.171
					1	38	1	22.33	22.27	0.169
					1	74	1	22.12	22.06	0.161
					75	0	2	21.10	21.04	0.127

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	20	20050	1720.0	QPSK	1	0	0	23.05	22.99	0.199
					1	49	0	23.12	23.06	0.202
					1	99	0	23.16	23.10	0.204
					100	0	1	22.24	22.18	0.165
				16QAM	1	0	1	22.26	22.20	0.166
					1	49	1	22.40	22.34	0.171
					1	99	1	22.34	22.28	0.169
					100	0	2	21.22	21.16	0.131
		20175	1732.5	QPSK	1	0	0	22.88	22.82	0.191
					1	49	0	23.12	23.06	0.202
					1	99	0	23.07	23.01	0.200
					100	0	1	22.22	22.16	0.164
				16QAM	1	0	1	22.50	22.44	0.175
					1	49	1	22.35	22.29	0.169
					1	99	1	22.17	22.11	0.163
					100	0	2	21.17	21.11	0.129
		20300	1745.0	QPSK	1	0	0	23.15	23.09	0.204
					1	49	0	23.14	23.08	0.203
					1	99	0	23.03	22.97	0.198
					100	0	1	22.24	22.18	0.165
				16QAM	1	0	1	22.44	22.38	0.173
					1	49	1	22.38	22.32	0.171
					1	99	1	22.17	22.11	0.163
					100	0	2	21.15	21.09	0.129

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 7 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
7	5	20775	2502.5	QPSK	1	0	0	22.85	19.88	0.097
					1	12	0	22.72	19.75	0.094
					1	24	0	22.59	19.62	0.092
					25	0	1	21.85	18.88	0.077
				16QAM	1	0	1	22.09	19.12	0.082
					1	12	1	22.02	19.05	0.080
					1	24	1	21.87	18.90	0.078
					25	0	2	20.69	17.72	0.059
		21100	2535.0	QPSK	1	0	0	22.50	19.53	0.090
					1	12	0	22.24	19.27	0.085
					1	24	0	22.22	19.25	0.084
					25	0	1	21.83	18.86	0.077
				16QAM	1	0	1	21.87	18.90	0.078
					1	12	1	21.59	18.62	0.073
					1	24	1	21.56	18.59	0.072
					25	0	2	20.72	17.75	0.060
		21425	2567.5	QPSK	1	0	0	20.71	17.74	0.059
					1	12	0	21.86	18.89	0.077
					1	24	0	21.87	18.90	0.078
					25	0	1	21.57	18.60	0.072
				16QAM	1	0	1	21.69	18.72	0.074
					1	12	1	21.47	18.50	0.071
					1	24	1	20.87	17.90	0.062
					25	0	2	20.34	17.37	0.055

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	10	20800	2505.0	QPSK	1	0	0	22.91	19.94	0.099
					1	24	0	22.76	19.79	0.095
					1	49	0	22.65	19.68	0.093
					50	0	1	21.90	18.93	0.078
				16QAM	1	0	1	22.16	19.19	0.083
					1	24	1	22.07	19.10	0.081
					1	49	1	21.94	18.97	0.079
					50	0	2	20.76	17.79	0.060
		21100	2535.0	QPSK	1	0	0	22.57	19.60	0.091
					1	24	0	22.29	19.32	0.086
					1	49	0	22.29	19.32	0.086
					50	0	1	21.88	18.91	0.078
				16QAM	1	0	1	21.93	18.96	0.079
					1	24	1	21.67	18.70	0.074
					1	49	1	21.61	18.64	0.073
					50	0	2	20.76	17.79	0.060
		21400	2565.0	QPSK	1	0	0	20.78	17.81	0.060
					1	24	0	21.92	18.95	0.079
					1	49	0	21.93	18.96	0.079
					50	0	1	21.62	18.65	0.073
				16QAM	1	0	1	21.74	18.77	0.075
					1	24	1	21.55	18.58	0.072
					1	49	1	20.92	17.95	0.062
					50	0	2	20.42	17.45	0.056

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	15	20825	2507.5	QPSK	1	0	0	22.95	19.98	0.100
					1	38	0	22.82	19.85	0.097
					1	74	0	22.72	19.75	0.094
					75	0	1	21.95	18.98	0.079
				16QAM	1	0	1	22.22	19.25	0.084
					1	38	1	22.12	19.15	0.082
					1	74	1	22.02	19.05	0.080
					75	0	2	20.83	17.86	0.061
		21100	2535.0	QPSK	1	0	0	22.64	19.67	0.093
					1	38	0	22.35	19.38	0.087
					1	74	0	22.36	19.39	0.087
					75	0	1	21.93	18.96	0.079
				16QAM	1	0	1	21.97	19.00	0.079
					1	38	1	21.74	18.77	0.075
					1	74	1	21.68	18.71	0.074
					100	0	2	20.82	17.85	0.061
		21375	2562.5	QPSK	1	0	0	22.47	19.50	0.089
					1	38	0	21.97	19.00	0.079
					1	74	0	22.01	19.04	0.080
					75	0	1	21.68	18.71	0.074
				16QAM	1	0	1	21.80	18.83	0.076
					1	38	1	21.61	18.64	0.073
					1	74	1	21.00	18.03	0.064
					75	0	2	20.48	17.51	0.056

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	20	20850	2510.0	QPSK	1	0	0	23.01	20.04	0.101
					1	49	0	22.89	19.92	0.098
					1	99	0	22.79	19.82	0.096
					100	0	1	22.01	19.04	0.080
				16QAM	1	0	1	22.27	19.30	0.085
					1	49	1	22.18	19.21	0.083
					1	99	1	22.10	19.13	0.082
					100	0	2	20.88	17.91	0.062
		21100	2535.0	QPSK	1	0	0	22.68	19.71	0.094
					1	49	0	22.42	19.45	0.088
					1	99	0	22.43	19.46	0.088
					100	0	1	21.99	19.02	0.080
				16QAM	1	0	1	22.01	19.04	0.080
					1	49	1	21.78	18.81	0.076
					1	99	1	21.76	18.79	0.076
					100	0	2	20.88	17.91	0.062
		21350	2560.0	QPSK	1	0	0	22.54	19.57	0.091
					1	49	0	22.04	19.07	0.081
					1	99	0	22.05	19.08	0.081
					100	0	1	21.76	18.79	0.076
				16QAM	1	0	1	21.85	18.88	0.077
					1	49	1	21.66	18.69	0.074
					1	99	1	21.05	18.08	0.064
					100	0	2	20.53	17.56	0.057

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 12 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
12	1.4	23017	699.7	QPSK	1	0	0	22.39	19.24	0.084
					1	2	0	22.52	19.37	0.086
					1	5	0	22.55	19.40	0.087
					6	0	1	21.63	18.48	0.070
				16QAM	1	0	1	21.55	18.40	0.069
					1	2	1	21.69	18.54	0.071
					1	5	1	21.76	18.61	0.073
					6	0	2	20.57	17.42	0.055
		23095	707.5	QPSK	1	0	0	22.36	19.21	0.083
					1	2	0	22.47	19.32	0.086
					1	5	0	22.50	19.35	0.086
					6	0	1	21.56	18.41	0.069
				16QAM	1	0	1	21.60	18.45	0.070
					1	2	1	21.73	18.58	0.072
					1	5	1	21.83	18.68	0.074
					6	0	2	20.62	17.47	0.056
		23173	715.3	QPSK	1	0	0	22.31	19.16	0.082
					1	2	0	22.41	19.26	0.084
					1	5	0	22.33	19.18	0.083
					6	0	1	21.41	18.26	0.067
				16QAM	1	0	1	21.56	18.41	0.069
					1	2	1	21.74	18.59	0.072
					1	5	1	21.61	18.46	0.070
					6	0	2	20.39	17.24	0.053

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
12	3	23025	700.5	QPSK	1	8	0	22.43	19.28	0.085
					1	14	0	22.57	19.42	0.087
					1	15	0	22.62	19.47	0.089
					15	6	1	21.67	18.52	0.071
				16QAM	1	8	1	21.60	18.45	0.070
					1	14	1	21.75	18.60	0.072
					1	15	1	21.82	18.67	0.074
					15	6	2	20.63	17.48	0.056
		23095	707.5	QPSK	1	8	0	22.40	19.25	0.084
					1	14	0	22.52	19.37	0.086
					1	15	0	22.55	19.40	0.087
					15	6	1	21.62	18.47	0.070
				16QAM	1	8	1	21.65	18.50	0.071
					1	14	1	21.79	18.64	0.073
					1	15	1	21.89	18.74	0.075
					15	6	2	20.67	17.52	0.056
		23165	714.5	QPSK	1	8	0	22.38	19.23	0.084
					1	14	0	22.45	19.30	0.085
					1	15	0	22.40	19.25	0.084
					15	6	1	21.49	18.34	0.068
				16QAM	1	8	1	21.62	18.47	0.070
					1	14	1	21.78	18.63	0.073
					1	15	1	21.65	18.50	0.071
					15	6	2	20.45	17.30	0.054

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
12	5	23035	701.5	QPSK	1	0	0	22.50	19.35	0.086
					1	12	0	22.63	19.48	0.089
					1	24	0	22.68	19.53	0.090
					25	0	1	21.72	18.57	0.072
				16QAM	1	0	1	21.67	18.52	0.071
					1	12	1	21.81	18.66	0.073
					1	24	1	21.90	18.75	0.075
					25	0	2	20.70	17.55	0.057
		23095	707.5	QPSK	1	0	0	22.46	19.31	0.085
					1	12	0	22.59	19.44	0.088
					1	24	0	22.61	19.46	0.088
					25	0	1	21.66	18.51	0.071
				16QAM	1	0	1	21.71	18.56	0.072
					1	12	1	21.83	18.68	0.074
					1	24	1	21.95	18.80	0.076
					25	0	2	20.73	17.58	0.057
		23155	713.5	QPSK	1	0	0	22.44	19.29	0.085
					1	12	0	22.49	19.34	0.086
					1	24	0	22.47	19.32	0.086
					25	0	1	21.54	18.39	0.069
				16QAM	1	0	1	21.67	18.52	0.071
					1	12	1	21.84	18.69	0.074
					1	24	1	21.73	18.58	0.072
					25	0	2	20.53	17.38	0.055

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
12	10	23060	704.0	QPSK	1	0	0	22.56	19.41	0.087
					1	24	0	22.67	19.52	0.090
					1	49	0	22.74	19.59	0.091
					50	0	1	21.77	18.62	0.073
				16QAM	1	0	1	21.74	18.59	0.072
					1	24	1	21.86	18.71	0.074
					1	49	1	21.97	18.82	0.076
					50	0	2	20.77	17.62	0.058
		23095	707.5	QPSK	1	0	0	22.53	19.38	0.087
					1	24	0	22.64	19.49	0.089
					1	49	0	22.68	19.53	0.090
					50	0	1	21.71	18.56	0.072
				16QAM	1	0	1	21.77	18.62	0.073
					1	24	1	21.91	18.76	0.075
					1	49	1	22.00	18.85	0.077
					50	0	2	20.77	17.62	0.058
		23130	711.0	QPSK	1	0	0	22.51	19.36	0.086
					1	24	0	22.55	19.40	0.087
					1	49	0	22.53	19.38	0.087
					50	0	1	21.59	18.44	0.070
				16QAM	1	0	1	21.72	18.57	0.072
					1	24	1	21.92	18.77	0.075
					1	49	1	21.78	18.63	0.073
					50	0	2	20.61	17.46	0.056

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 13 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
13	5	23025	779.5	QPSK	1	0	0	22.83	17.37	0.055
					1	12	0	23.08	17.62	0.058
					1	24	0	22.99	17.53	0.057
					25	0	1	22.16	16.70	0.047
				16QAM	1	0	1	22.05	16.59	0.046
					1	12	1	22.30	16.84	0.048
					1	24	1	22.26	16.80	0.048
					25	0	2	21.12	15.66	0.037
		23230	782.0	QPSK	1	0	0	22.82	17.36	0.054
					1	12	0	23.07	17.61	0.058
					1	24	0	22.98	17.52	0.056
					25	0	1	22.16	16.70	0.047
				16QAM	1	0	1	22.06	16.60	0.046
					1	12	1	22.27	16.81	0.048
					1	24	1	22.28	16.82	0.048
					25	0	2	21.15	15.69	0.037
		23255	784.5	QPSK	1	0	0	22.82	17.36	0.054
					1	12	0	23.06	17.60	0.058
					1	24	0	22.99	17.53	0.057
					25	0	1	22.16	16.70	0.047
				16QAM	1	0	1	22.07	16.61	0.046
					1	12	1	22.27	16.81	0.048
					1	24	1	22.28	16.82	0.048
					25	0	2	21.11	15.65	0.037

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
13	10	23230	782.0	QPSK	1	0	0	22.89	17.43	0.055
					1	24	0	23.12	17.66	0.058
					1	49	0	23.05	17.59	0.057
					50	0	1	22.21	16.75	0.047
				16QAM	1	0	1	22.12	16.66	0.046
					1	24	1	22.35	16.89	0.049
					1	49	1	22.33	16.87	0.049
					50	0	2	21.19	15.73	0.037

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 17 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
17	5	23755	706.5	QPSK	1	0	0	22.64	19.26	0.084
					1	12	0	22.65	19.27	0.085
					1	24	0	22.74	19.36	0.086
					25	0	1	21.70	18.32	0.068
				16QAM	1	0	1	21.79	18.41	0.069
					1	12	1	21.97	18.59	0.072
					1	24	1	21.99	18.61	0.073
					25	0	2	21.68	18.30	0.068
		23790	710.0	QPSK	1	0	0	22.40	19.02	0.080
					1	12	0	22.53	19.15	0.082
					1	24	0	22.57	19.19	0.083
					25	0	1	21.57	18.19	0.066
				16QAM	1	0	1	21.59	18.21	0.066
					1	12	1	21.80	18.42	0.070
					1	24	1	21.77	18.39	0.069
					25	0	2	20.50	17.12	0.052
		23825	713.5	QPSK	1	0	0	22.26	18.88	0.077
					1	12	0	22.43	19.05	0.080
					1	24	0	22.44	19.06	0.081
					25	0	1	21.48	18.10	0.065
				16QAM	1	0	1	21.55	18.17	0.066
					1	12	1	21.78	18.40	0.069
					1	24	1	21.73	18.35	0.068
					25	0	2	20.45	17.07	0.051

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
17	10	23780	709.0	QPSK	1	0	0	22.70	19.32	0.086
					1	24	0	22.69	19.31	0.085
					1	49	0	22.80	19.42	0.087
					50	0	1	21.75	18.37	0.069
				16QAM	1	0	1	21.86	18.48	0.070
					1	24	1	22.02	18.64	0.073
					1	49	1	22.06	18.68	0.074
					50	0	2	21.75	18.37	0.069
		23790	710.0	QPSK	1	0	0	22.47	19.09	0.081
					1	24	0	22.58	19.20	0.083
					1	49	0	22.64	19.26	0.084
					50	0	1	21.62	18.24	0.067
				16QAM	1	0	1	21.65	18.27	0.067
					1	24	1	21.88	18.50	0.071
					1	49	1	21.82	18.44	0.070
					50	0	2	20.54	17.16	0.052
		23800	711.0	QPSK	1	0	0	22.33	18.95	0.079
					1	24	0	22.49	19.11	0.081
					1	49	0	22.50	19.12	0.082
					50	0	1	21.53	18.15	0.065
				16QAM	1	0	1	21.60	18.22	0.066
					1	24	1	21.86	18.48	0.070
					1	49	1	21.78	18.40	0.069
					50	0	2	20.53	17.15	0.052

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 30 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
30	5	27685	2307.5	QPSK	1	0	0	20.42	21.15	0.130
					1	12	0	20.38	21.11	0.129
					1	24	0	20.25	20.98	0.125
					25	0	1	19.41	20.14	0.103
				16QAM	1	0	1	19.41	20.14	0.103
					1	12	1	19.55	20.28	0.107
					1	24	1	19.35	20.08	0.102
					25	0	2	18.25	18.98	0.079
		27710	2310.0	QPSK	1	0	0	20.41	21.14	0.130
					1	12	0	20.37	21.10	0.129
					1	24	0	20.24	20.97	0.125
					25	0	1	19.41	20.14	0.103
				16QAM	1	0	1	19.42	20.15	0.104
					1	12	1	19.52	20.25	0.106
					1	24	1	19.37	20.10	0.102
					25	0	2	18.28	19.01	0.080
		27735	2312.5	QPSK	1	0	0	20.41	21.14	0.130
					1	12	0	20.36	21.09	0.129
					1	24	0	20.25	20.98	0.125
					25	0	1	19.41	20.14	0.103
				16QAM	1	0	1	19.43	20.16	0.104
					1	12	1	19.52	20.25	0.106
					1	24	1	19.37	20.10	0.102
					25	0	2	18.24	18.97	0.079

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
30	10	27710	2310.0	QPSK	1	0	0	20.48	21.21	0.132
					1	24	0	20.42	21.15	0.130
					1	49	0	20.31	21.04	0.127
					50	0	1	19.46	20.19	0.104
				16QAM	1	0	1	19.48	20.21	0.105
					1	24	1	19.60	20.33	0.108
					1	49	1	19.42	20.15	0.104
					50	0	2	18.32	19.05	0.080

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 38 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
38	5	37775	2572.5	QPSK	1	0	0	21.33	17.94	0.062
					1	12	0	21.33	17.94	0.062
					1	24	0	21.41	18.02	0.063
					25	0	1	20.52	17.13	0.052
				16QAM	1	0	1	20.48	17.09	0.051
					1	12	1	20.52	17.13	0.052
					1	24	1	20.57	17.18	0.052
					25	0	2	19.47	16.08	0.041
		38000	2595.0	QPSK	1	0	0	21.52	18.13	0.065
					1	12	0	21.46	18.07	0.064
					1	24	0	21.45	18.06	0.064
					25	0	1	20.60	17.21	0.053
				16QAM	1	0	1	20.72	17.33	0.054
					1	12	1	20.72	17.33	0.054
					1	24	1	20.63	17.24	0.053
					25	0	2	19.64	16.25	0.042
		38225	2617.5	QPSK	1	0	0	21.52	18.13	0.065
					1	12	0	21.53	18.14	0.065
					1	24	0	21.56	18.17	0.066
					25	0	1	20.67	17.28	0.053
				16QAM	1	0	1	20.81	17.42	0.055
					1	12	1	20.80	17.41	0.055
					1	24	1	20.80	17.41	0.055
					25	0	2	19.69	16.30	0.043

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
38	10	37800	2575.0	QPSK	1	0	0	21.39	18.00	0.063
					1	24	0	21.37	17.98	0.063
					1	49	0	21.47	18.08	0.064
					50	0	1	20.57	17.18	0.052
				16QAM	1	0	1	20.55	17.16	0.052
					1	24	1	20.57	17.18	0.052
					1	49	1	20.64	17.25	0.053
					50	0	2	19.54	16.15	0.041
		38000	2595.0	QPSK	1	0	0	21.59	18.20	0.066
					1	24	0	21.51	18.12	0.065
					1	49	0	21.52	18.13	0.065
					50	0	1	20.65	17.26	0.053
				16QAM	1	0	1	20.78	17.39	0.055
					1	24	1	20.80	17.41	0.055
					1	49	1	20.68	17.29	0.054
					50	0	2	19.68	16.29	0.043
		38200	2615.0	QPSK	1	0	0	21.59	18.20	0.066
					1	24	0	21.59	18.20	0.066
					1	49	0	21.62	18.23	0.067
					50	0	1	20.72	17.33	0.054
				16QAM	1	0	1	20.86	17.47	0.056
					1	24	1	20.88	17.49	0.056
					1	49	1	20.85	17.46	0.056
					50	0	2	19.77	16.38	0.043

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
38	15	37825	2577.5	QPSK	1	0	0	21.43	18.04	0.064
					1	38	0	21.43	18.04	0.064
					1	74	0	21.54	18.15	0.065
					75	0	1	20.62	17.23	0.053
				16QAM	1	0	1	20.61	17.22	0.053
					1	38	1	20.62	17.23	0.053
					1	74	1	20.72	17.33	0.054
					75	0	2	19.61	16.22	0.042
		38000	2595.0	QPSK	1	0	0	21.66	18.27	0.067
					1	38	0	21.57	18.18	0.066
					1	74	0	21.59	18.20	0.066
					75	0	1	20.70	17.31	0.054
				16QAM	1	0	1	20.82	17.43	0.055
					1	38	1	20.87	17.48	0.056
					1	74	1	20.75	17.36	0.054
					100	0	2	19.74	16.35	0.043
		38175	2612.5	QPSK	1	0	0	21.66	18.27	0.067
					1	38	0	21.64	18.25	0.067
					1	74	0	21.70	18.31	0.068
					75	0	1	20.78	17.39	0.055
				16QAM	1	0	1	20.92	17.53	0.057
					1	38	1	20.94	17.55	0.057
					1	74	1	20.93	17.54	0.057
					75	0	2	19.83	16.44	0.044

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
38	20	37850	2580.0	QPSK	1	0	0	21.49	18.10	0.065
					1	49	0	21.50	18.11	0.065
					1	99	0	21.61	18.22	0.066
					100	0	1	20.68	17.29	0.054
				16QAM	1	0	1	20.66	17.27	0.053
					1	49	1	20.68	17.29	0.054
					1	99	1	20.80	17.41	0.055
					100	0	2	19.66	16.27	0.042
		38000	2595.0	QPSK	1	0	0	21.70	18.31	0.068
					1	49	0	21.64	18.25	0.067
					1	99	0	21.66	18.27	0.067
					100	0	1	20.76	17.37	0.055
				16QAM	1	0	1	20.86	17.47	0.056
					1	49	1	20.91	17.52	0.056
					1	99	1	20.83	17.44	0.055
					100	0	2	19.80	16.41	0.044
		38150	2610.0	QPSK	1	0	0	21.73	18.34	0.068
					1	49	0	21.71	18.32	0.068
					1	99	0	21.74	18.35	0.068
					100	0	1	20.86	17.47	0.056
				16QAM	1	0	1	20.97	17.58	0.057
					1	49	1	20.99	17.60	0.058
					1	99	1	20.98	17.59	0.057
					100	0	2	19.88	16.49	0.045

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 41 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
41	5	39675	2498.5	QPSK	1	0	0	21.61	20.79	0.120
					1	12	0	21.63	20.81	0.121
					1	24	0	21.54	20.72	0.118
					25	0	1	20.63	19.81	0.096
				16QAM	1	0	1	20.73	19.91	0.098
					1	12	1	20.76	19.94	0.099
					1	24	1	20.65	19.83	0.096
					25	0	2	19.59	18.77	0.075
		40620	2593.0	QPSK	1	0	0	21.62	20.80	0.120
					1	12	0	21.47	20.65	0.116
					1	24	0	21.48	20.66	0.116
					25	0	1	20.57	19.75	0.094
				16QAM	1	0	1	20.90	20.08	0.102
					1	12	1	20.76	19.94	0.099
					1	24	1	20.65	19.83	0.096
					25	0	2	19.63	18.81	0.076
		41565	2687.5	QPSK	1	0	0	21.43	20.61	0.115
					1	12	0	21.39	20.57	0.114
					1	24	0	21.32	20.50	0.112
					25	0	1	20.51	19.69	0.093
				16QAM	1	0	1	20.69	19.87	0.097
					1	12	1	20.64	19.82	0.096
					1	24	1	20.63	19.81	0.096
					25	0	2	19.55	18.73	0.075

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
41	10	39700	2501.0	QPSK	1	0	0	21.67	20.85	0.122
					1	24	0	21.67	20.85	0.122
					1	49	0	21.60	20.78	0.120
					50	0	1	20.68	19.86	0.097
				16QAM	1	0	1	20.80	19.98	0.100
					1	24	1	20.81	19.99	0.100
					1	49	1	20.72	19.90	0.098
					50	0	2	19.66	18.84	0.077
		40620	2593.0	QPSK	1	0	0	21.69	20.87	0.122
					1	24	0	21.52	20.70	0.117
					1	49	0	21.55	20.73	0.118
					50	0	1	20.62	19.80	0.095
				16QAM	1	0	1	20.96	20.14	0.103
					1	24	1	20.84	20.02	0.100
					1	49	1	20.70	19.88	0.097
					50	0	2	19.67	18.85	0.077
		41540	2685.0	QPSK	1	0	0	21.50	20.68	0.117
					1	24	0	21.45	20.63	0.116
					1	49	0	21.38	20.56	0.114
					50	0	1	20.56	19.74	0.094
				16QAM	1	0	1	20.74	19.92	0.098
					1	24	1	20.72	19.90	0.098
					1	49	1	20.68	19.86	0.097
					50	0	2	19.63	18.81	0.076

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
41	15	39725	2503.5	QPSK	1	0	0	21.71	20.89	0.123
					1	38	0	21.73	20.91	0.123
					1	74	0	21.67	20.85	0.122
					75	0	1	20.73	19.91	0.098
				16QAM	1	0	1	20.86	20.04	0.101
					1	38	1	20.86	20.04	0.101
					1	74	1	20.80	19.98	0.100
					75	0	2	19.73	18.91	0.078
		40620	2593.0	QPSK	1	0	0	21.76	20.94	0.124
					1	38	0	21.58	20.76	0.119
					1	74	0	21.62	20.80	0.120
					75	0	1	20.67	19.85	0.097
				16QAM	1	0	1	21.00	20.18	0.104
					1	38	1	20.91	20.09	0.102
					1	74	1	20.77	19.95	0.099
					100	0	2	19.73	18.91	0.078
		41515	2682.5	QPSK	1	0	0	21.57	20.75	0.119
					1	38	0	21.50	20.68	0.117
					1	74	0	21.46	20.64	0.116
					75	0	1	20.62	19.80	0.095
				16QAM	1	0	1	20.80	19.98	0.100
					1	38	1	20.78	19.96	0.099
					1	74	1	20.76	19.94	0.099
					75	0	2	19.69	18.87	0.077

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
41	20	39750	2506.0	QPSK	1	0	0	21.77	20.95	0.124
					1	49	0	21.80	20.98	0.125
					1	99	0	21.74	20.92	0.124
					100	0	1	20.79	19.97	0.099
				16QAM	1	0	1	20.91	20.09	0.102
					1	49	1	20.92	20.10	0.102
					1	99	1	20.88	20.06	0.101
					100	0	2	19.78	18.96	0.079
		40620	2593.0	QPSK	1	0	0	21.80	20.98	0.125
					1	49	0	21.65	20.83	0.121
					1	99	0	21.69	20.87	0.122
					100	0	1	20.73	19.91	0.098
				16QAM	1	0	1	21.04	20.22	0.105
					1	49	1	20.95	20.13	0.103
					1	99	1	20.85	20.03	0.101
					100	0	2	19.79	18.97	0.079
		41490	2680.0	QPSK	1	0	0	21.64	20.82	0.121
					1	49	0	21.57	20.75	0.119
					1	99	0	21.50	20.68	0.117
					100	0	1	20.70	19.88	0.097
				16QAM	1	0	1	20.85	20.03	0.101
					1	49	1	20.83	20.01	0.100
					1	99	1	20.81	19.99	0.100
					100	0	2	19.74	18.92	0.078

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 66 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
66	1.4	131979	1710.7	QPSK	1	0	0	22.91	22.85	0.193
					1	2	0	23.16	23.10	0.204
					1	5	0	22.97	22.91	0.195
					6	0	1	22.35	22.29	0.169
				16QAM	1	0	1	22.35	22.29	0.169
					1	2	1	22.11	22.05	0.160
					1	5	1	21.72	21.66	0.147
					6	0	2	20.75	20.69	0.117
		132322	1745.0	QPSK	1	0	0	22.19	22.13	0.163
					1	2	0	22.05	21.99	0.158
					1	5	0	22.00	21.94	0.156
					6	0	1	21.74	21.68	0.147
				16QAM	1	0	1	22.25	22.19	0.166
					1	2	1	21.98	21.92	0.156
					1	5	1	21.83	21.77	0.150
					6	0	2	20.87	20.81	0.121
		132665	1779.3	QPSK	1	0	0	21.90	21.84	0.153
					1	2	0	21.85	21.79	0.151
					1	5	0	22.68	22.62	0.183
					6	0	1	22.21	22.15	0.164
				16QAM	1	0	1	22.03	21.97	0.157
					1	2	1	22.25	22.19	0.166
					1	5	1	22.48	22.42	0.175
					6	0	2	21.07	21.01	0.126

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	3	131987	1711.5	QPSK	1	8	0	22.95	22.89	0.195
					1	14	0	23.21	23.15	0.207
					1	15	0	23.04	22.98	0.199
					15	6	1	22.39	22.33	0.171
				16QAM	1	8	1	22.40	22.34	0.171
					1	14	1	22.17	22.11	0.163
					1	15	1	21.78	21.72	0.149
					15	6	2	20.81	20.75	0.119
		132322	1745.0	QPSK	1	8	0	22.23	22.17	0.165
					1	14	0	22.10	22.04	0.160
					1	15	0	22.05	21.99	0.158
					15	6	1	21.80	21.74	0.149
				16QAM	1	8	1	22.30	22.24	0.167
					1	14	1	22.04	21.98	0.158
					1	15	1	21.89	21.83	0.152
					15	6	2	20.92	20.86	0.122
		132657	1778.5	QPSK	1	8	0	21.97	21.91	0.155
					1	14	0	21.89	21.83	0.152
					1	15	0	22.75	22.69	0.186
					15	6	1	22.29	22.23	0.167
				16QAM	1	8	1	22.09	22.03	0.160
					1	14	1	22.29	22.23	0.167
					1	15	1	22.52	22.46	0.176
					15	6	2	21.13	21.07	0.128

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	5	131997	1712.5	QPSK	1	0	0	23.02	22.96	0.198
					1	12	0	23.27	23.21	0.209
					1	24	0	23.10	23.04	0.201
					25	0	1	22.44	22.38	0.173
				16QAM	1	0	1	22.47	22.41	0.174
					1	12	1	22.23	22.17	0.165
					1	24	1	21.86	21.80	0.151
					25	0	2	20.88	20.82	0.121
		132322	1745.0	QPSK	1	0	0	22.29	22.23	0.167
					1	12	0	22.17	22.11	0.163
					1	24	0	22.11	22.05	0.160
					25	0	1	21.84	21.78	0.151
				16QAM	1	0	1	22.36	22.30	0.170
					1	12	1	22.08	22.02	0.159
					1	24	1	21.95	21.89	0.155
					25	0	2	20.98	20.92	0.124
		132647	1777.5	QPSK	1	0	0	22.03	21.97	0.157
					1	12	0	21.93	21.87	0.154
					1	24	0	22.82	22.76	0.189
					25	0	1	22.34	22.28	0.169
				16QAM	1	0	1	22.14	22.08	0.161
					1	12	1	22.35	22.29	0.169
					1	24	1	22.60	22.54	0.179
					25	0	2	21.21	21.15	0.130

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	10	132022	1715.0	QPSK	1	0	0	23.08	23.02	0.200
					1	24	0	23.31	23.25	0.211
					1	49	0	23.16	23.10	0.204
					50	0	1	22.49	22.43	0.175
				16QAM	1	0	1	22.54	22.48	0.177
					1	24	1	22.28	22.22	0.167
					1	49	1	21.93	21.87	0.154
					50	0	2	20.88	20.82	0.121
		132322	1745.0	QPSK	1	0	0	22.36	22.30	0.170
					1	24	0	22.22	22.16	0.164
					1	49	0	22.18	22.12	0.163
					50	0	1	21.89	21.83	0.152
				16QAM	1	0	1	22.42	22.36	0.172
					1	24	1	22.16	22.10	0.162
					1	49	1	22.00	21.94	0.156
					50	0	2	21.02	20.96	0.125
		132622	1775.0	QPSK	1	0	0	22.96	22.90	0.195
					1	24	0	21.99	21.93	0.156
					1	49	0	22.88	22.82	0.191
					50	0	1	22.39	22.33	0.171
				16QAM	1	0	1	22.19	22.13	0.163
					1	24	1	22.43	22.37	0.173
					1	49	1	22.65	22.59	0.182
					50	0	2	21.29	21.23	0.133

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	15	132047	2117.5	QPSK	1	0	0	23.12	23.06	0.202
					1	38	0	23.37	23.31	0.214
					1	74	0	23.23	23.17	0.207
					75	0	1	22.54	22.48	0.177
				16QAM	1	0	1	22.60	22.54	0.179
					1	38	1	22.33	22.27	0.169
					1	74	1	22.01	21.95	0.157
					75	0	2	20.95	20.89	0.123
		132322	2145.0	QPSK	1	0	0	22.43	22.37	0.173
					1	38	0	22.28	22.22	0.167
					1	74	0	22.25	22.19	0.166
					75	0	1	21.94	21.88	0.154
				16QAM	1	0	1	22.46	22.40	0.174
					1	38	1	22.23	22.17	0.165
					1	74	1	22.07	22.01	0.159
					100	0	2	21.08	21.02	0.126
		132597	2192.5	QPSK	1	0	0	23.03	22.97	0.198
					1	38	0	22.04	21.98	0.158
					1	74	0	22.96	22.90	0.195
					75	0	1	22.45	22.39	0.173
				16QAM	1	0	1	22.25	22.19	0.166
					1	38	1	22.49	22.43	0.175
					1	74	1	22.73	22.67	0.185
					75	0	2	21.35	21.29	0.135

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	20	132072	1720.0	QPSK	1	0	0	23.18	23.12	0.205
					1	49	0	23.44	23.38	0.218
					1	99	0	23.30	23.24	0.211
					100	0	1	22.60	22.54	0.179
				16QAM	1	0	1	22.65	22.59	0.182
					1	49	1	22.39	22.33	0.171
					1	99	1	22.09	22.03	0.160
					100	0	2	21.00	20.94	0.124
		132322	1745.0	QPSK	1	0	0	22.47	22.41	0.174
					1	49	0	22.35	22.29	0.169
					1	99	0	22.32	22.26	0.168
					100	0	1	22.00	21.94	0.156
				16QAM	1	0	1	22.50	22.44	0.175
					1	49	1	22.27	22.21	0.166
					1	99	1	22.15	22.09	0.162
					100	0	2	21.14	21.08	0.128
		132572	1770.0	QPSK	1	0	0	23.10	23.04	0.201
					1	49	0	22.11	22.05	0.160
					1	99	0	23.00	22.94	0.197
					100	0	1	22.53	22.47	0.177
				16QAM	1	0	1	22.30	22.24	0.167
					1	49	1	22.54	22.48	0.177
					1	99	1	22.78	22.72	0.187
					100	0	2	21.40	21.34	0.136

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

LTE Band 71 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
71	5	133147	665.5	QPSK	1	0	0	21.89	19.33	0.086
					1	12	0	22.33	19.77	0.095
					1	24	0	22.12	19.56	0.090
					25	0	1	21.43	18.87	0.077
				16QAM	1	0	1	22.48	19.92	0.098
					1	12	1	22.27	19.71	0.094
					1	24	1	21.89	19.33	0.086
					25	0	2	21.48	18.92	0.078
		133297	680.5	QPSK	1	0	0	22.96	20.40	0.110
					1	12	0	22.80	20.24	0.106
					1	24	0	22.83	20.27	0.106
					25	0	1	22.55	19.99	0.100
				16QAM	1	0	1	22.42	19.86	0.097
					1	12	1	22.27	19.71	0.094
					1	24	1	21.93	19.37	0.086
					25	0	2	21.23	18.67	0.074
		133447	695.5	QPSK	1	0	0	22.90	20.34	0.108
					1	12	0	22.83	20.27	0.106
					1	24	0	22.70	20.14	0.103
					25	0	1	22.13	19.57	0.091
				16QAM	1	0	1	22.85	20.29	0.107
					1	12	1	22.69	20.13	0.103
					1	24	1	22.38	19.82	0.096
					25	0	2	20.80	18.24	0.067

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
71	10	133172	668.0	QPSK	1	0	0	21.95	19.39	0.087
					1	24	0	22.37	19.81	0.096
					1	49	0	22.18	19.62	0.092
					50	0	1	21.48	18.92	0.078
				16QAM	1	0	1	22.55	19.99	0.100
					1	24	1	22.32	19.76	0.095
					1	49	1	21.96	19.40	0.087
					50	0	2	21.48	18.92	0.078
		133297	680.5	QPSK	1	0	0	23.03	20.47	0.111
					1	24	0	22.85	20.29	0.107
					1	49	0	22.90	20.34	0.108
					50	0	1	22.60	20.04	0.101
				16QAM	1	0	1	22.48	19.92	0.098
					1	24	1	22.35	19.79	0.095
					1	49	1	21.98	19.42	0.087
					50	0	2	21.27	18.71	0.074
		133422	693.0	QPSK	1	0	0	22.97	20.41	0.110
					1	24	0	22.89	20.33	0.108
					1	49	0	22.76	20.20	0.105
					50	0	1	22.18	19.62	0.092
				16QAM	1	0	1	22.90	20.34	0.108
					1	24	1	22.77	20.21	0.105
					1	49	1	22.43	19.87	0.097
					50	0	2	20.88	18.32	0.068

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
71	15	133197	670.5	QPSK	1	0	0	21.99	19.43	0.088
					1	38	0	22.43	19.87	0.097
					1	74	0	22.25	19.69	0.093
					75	0	1	21.53	18.97	0.079
				16QAM	1	0	1	22.61	20.05	0.101
					1	38	1	22.37	19.81	0.096
					1	74	1	22.04	19.48	0.089
					75	0	2	21.55	18.99	0.079
		133297	680.5	QPSK	1	0	0	23.10	20.54	0.113
					1	38	0	22.91	20.35	0.108
					1	74	0	22.97	20.41	0.110
					75	0	1	22.65	20.09	0.102
				16QAM	1	0	1	22.52	19.96	0.099
					1	38	1	22.42	19.86	0.097
					1	74	1	22.05	19.49	0.089
					100	0	2	21.33	18.77	0.075
		133397	690.5	QPSK	1	0	0	23.04	20.48	0.112
					1	38	0	22.94	20.38	0.109
					1	74	0	22.84	20.28	0.107
					75	0	1	22.24	19.68	0.093
				16QAM	1	0	1	22.96	20.40	0.110
					1	38	1	22.83	20.27	0.106
					1	74	1	22.51	19.95	0.099
					75	0	2	20.94	18.38	0.069

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
71	20	133222	673.0	QPSK	1	0	0	22.05	19.49	0.089
					1	49	0	22.50	19.94	0.099
					1	99	0	22.32	19.76	0.095
					100	0	1	21.59	19.03	0.080
				16QAM	1	0	1	22.66	20.10	0.102
					1	49	1	22.43	19.87	0.097
					1	99	1	22.12	19.56	0.090
					100	0	2	21.60	19.04	0.080
		133297	680.5	QPSK	1	0	0	23.14	20.58	0.114
					1	49	0	22.98	20.42	0.110
					1	99	0	23.04	20.48	0.112
					100	0	1	22.71	20.15	0.104
				16QAM	1	0	1	22.56	20.00	0.100
					1	49	1	22.46	19.90	0.098
					1	99	1	22.13	19.57	0.091
					100	0	2	21.39	18.83	0.076
		133372	688.0	QPSK	1	0	0	23.11	20.55	0.114
					1	49	0	23.01	20.45	0.111
					1	99	0	22.88	20.32	0.108
					100	0	1	22.32	19.76	0.095
				16QAM	1	0	1	23.01	20.45	0.111
					1	49	1	22.88	20.32	0.108
					1	99	1	22.56	20.00	0.100
					100	0	2	20.99	18.43	0.070

NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

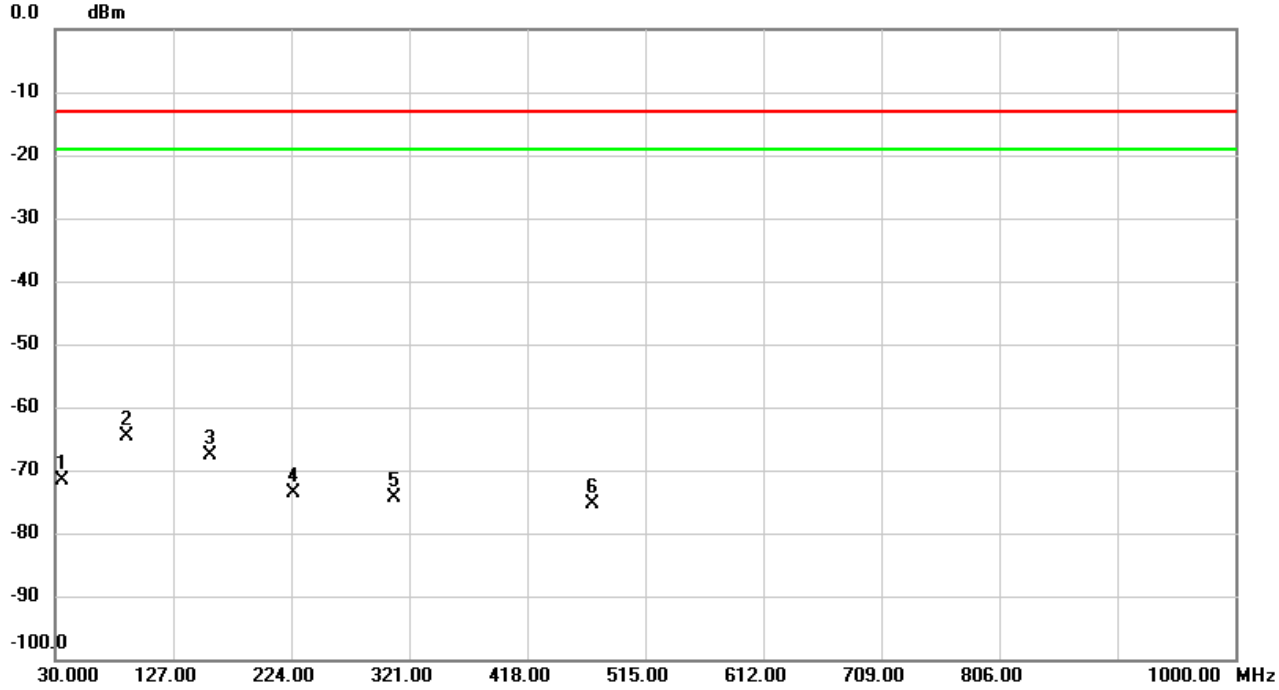
APPENDIX B RADIATED SPURIOUS EMISSIONS

Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1413	Polarization	Vertical
Temp	23°C	Hum.	56%

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		50.7257	-59.22	-7.54	-66.76	-13.00	-53.76	peak	
2	*	88.2000	-59.89	-5.66	-65.55	-13.00	-52.55	peak	
3		159.1717	-67.31	-2.18	-69.49	-13.00	-56.49	peak	
4		234.6377	-72.63	-2.57	-75.20	-13.00	-62.20	peak	
5		409.8197	-73.01	-2.07	-75.08	-13.00	-62.08	peak	
6		657.9780	-75.20	3.29	-71.91	-13.00	-58.91	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

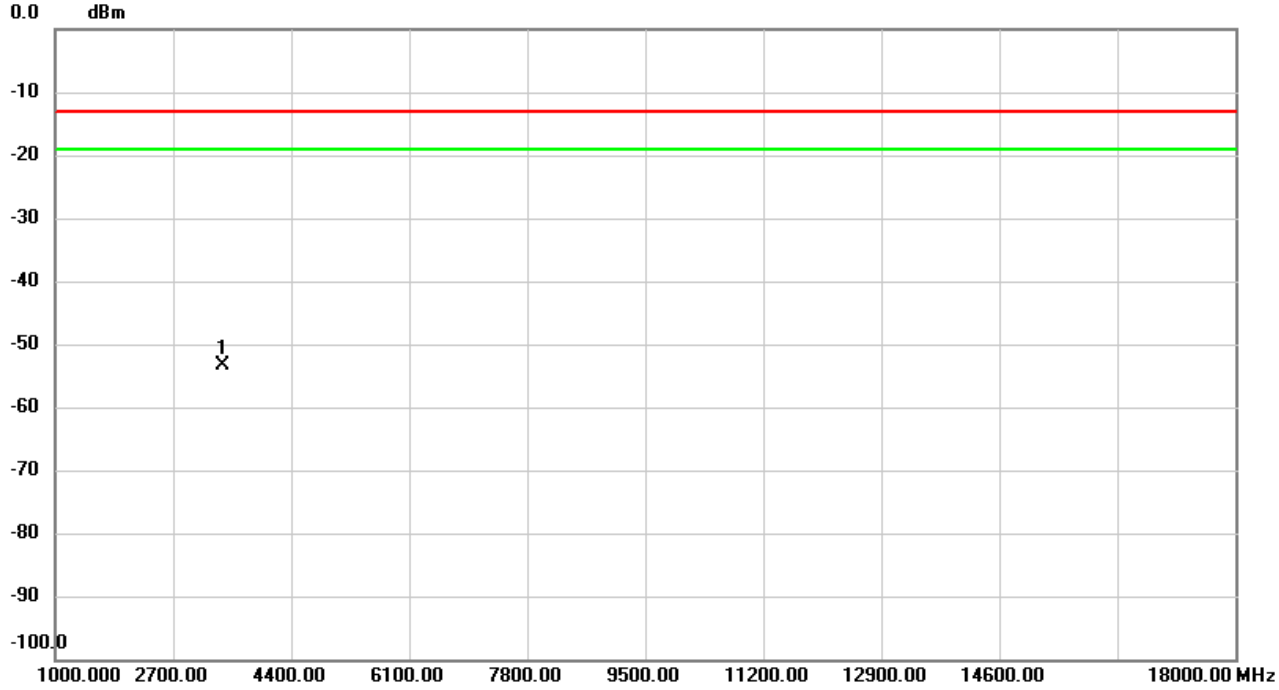
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1413	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		35.2380	-73.86	2.30	-71.56	-13.00	-58.56	peak	
2	*	88.8790	-56.34	-8.29	-64.63	-13.00	-51.63	peak	
3		156.8112	-61.59	-5.92	-67.51	-13.00	-54.51	peak	
4		226.3603	-65.21	-8.32	-73.53	-13.00	-60.53	peak	
5		309.1337	-68.88	-5.47	-74.35	-13.00	-61.35	peak	
6		471.6410	-73.43	-1.82	-75.25	-13.00	-62.25	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

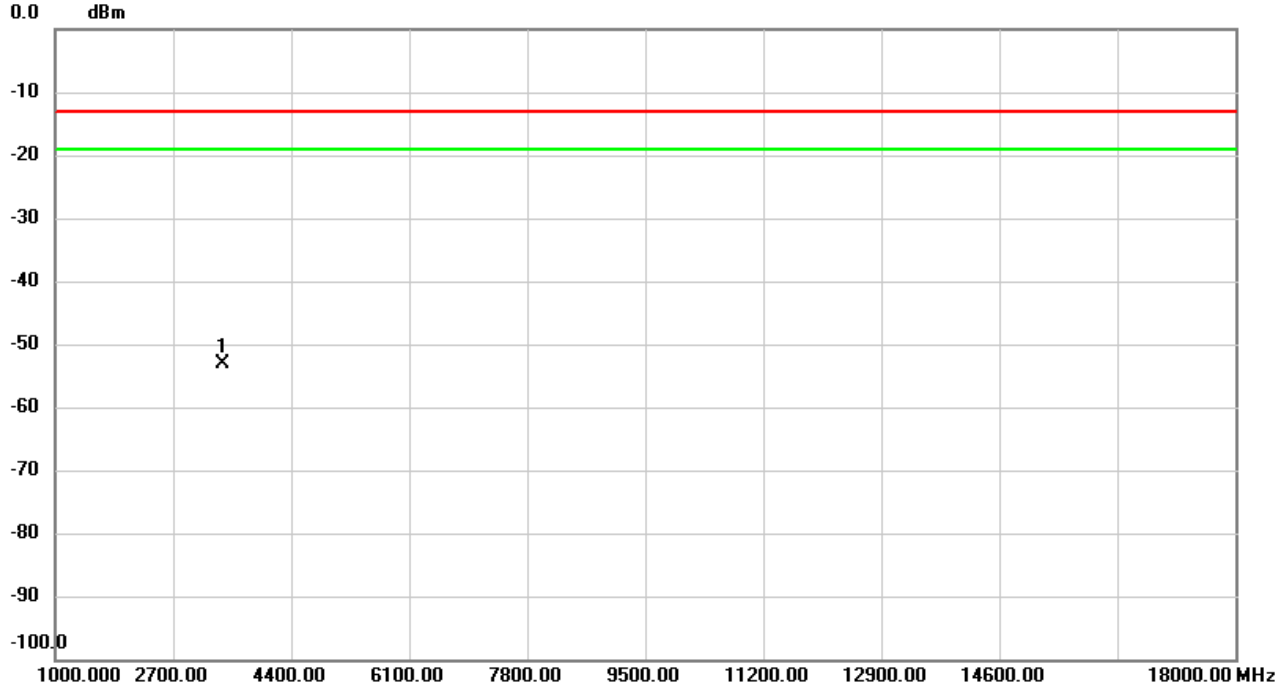
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1312	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3424.800	-63.31	9.98	-53.33	-13.00	-40.33	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

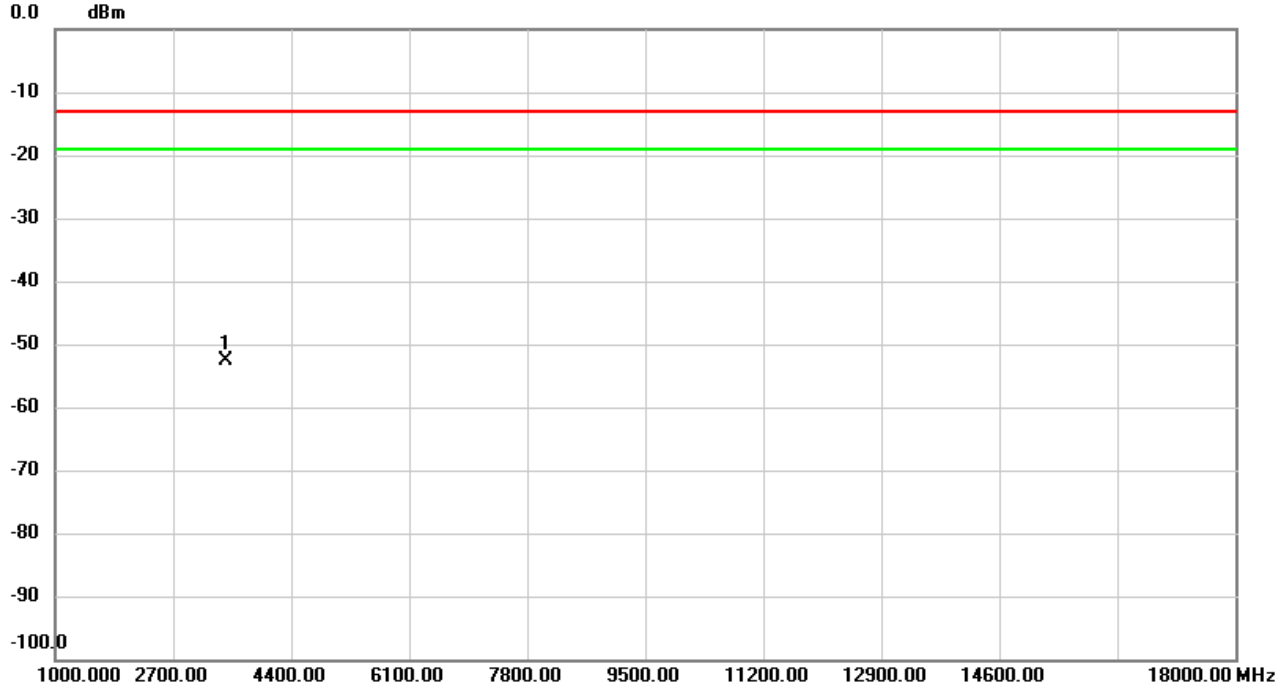
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1312	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3424.800	-62.94	9.84	-53.10	-13.00	-40.10	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

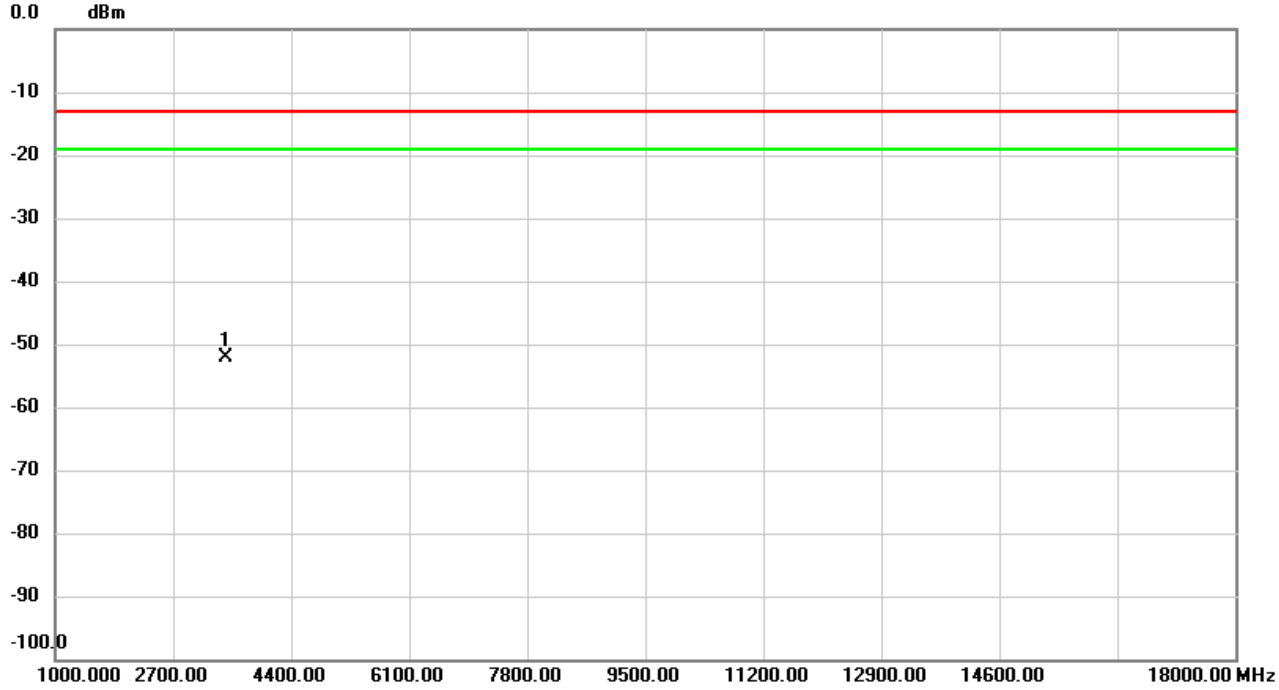
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1413	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3465.200	-62.84	10.17	-52.67	-13.00	-39.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

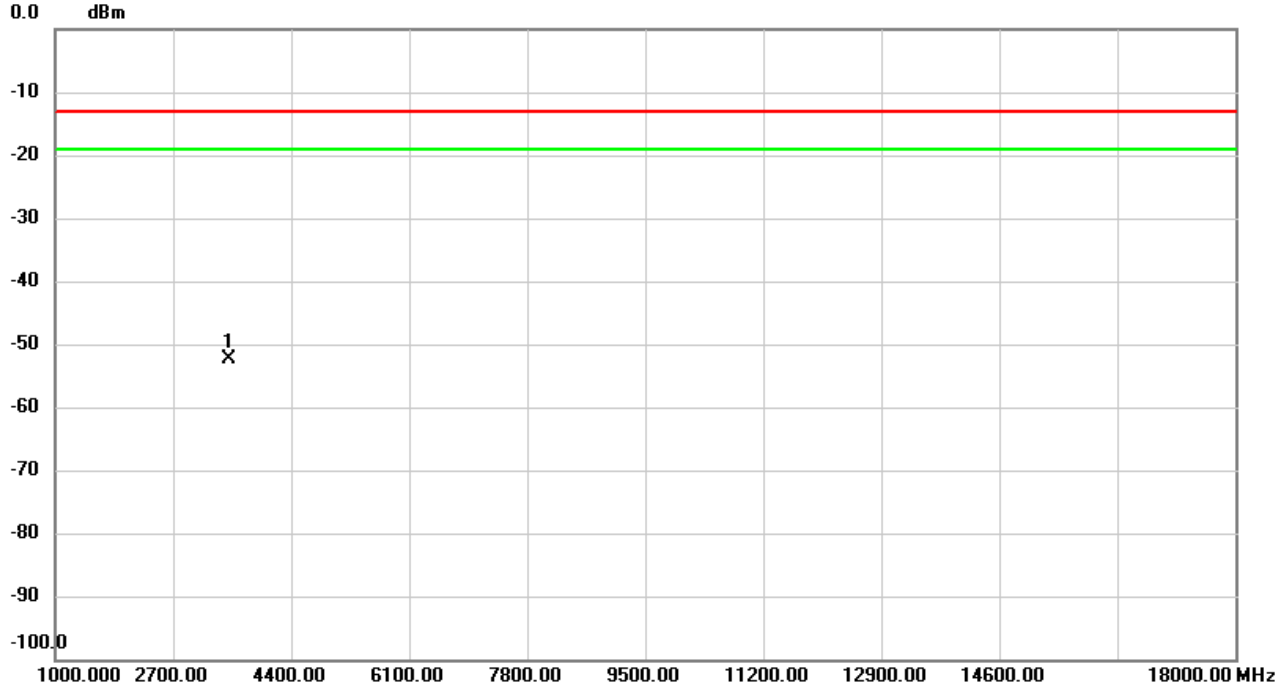
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1413	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3465.200	-62.17	10.13	-52.04	-13.00	-39.04	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

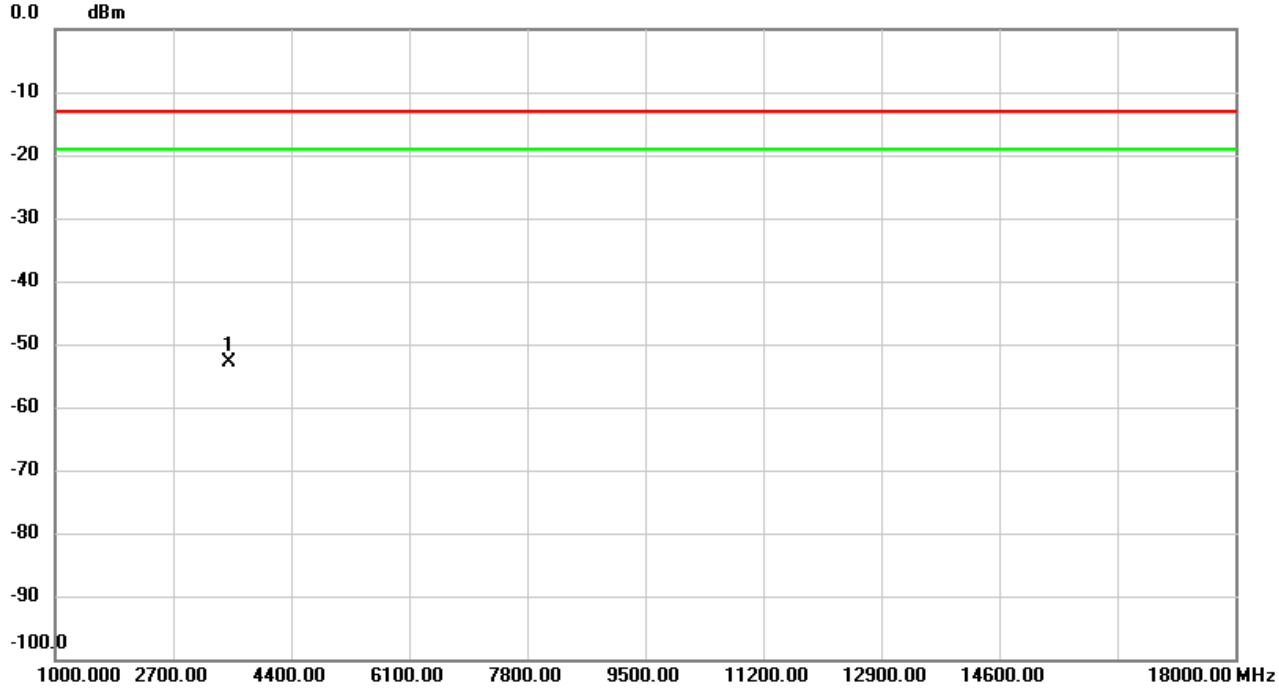
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1513	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3505.200	-62.43	10.06	-52.37	-13.00	-39.37	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

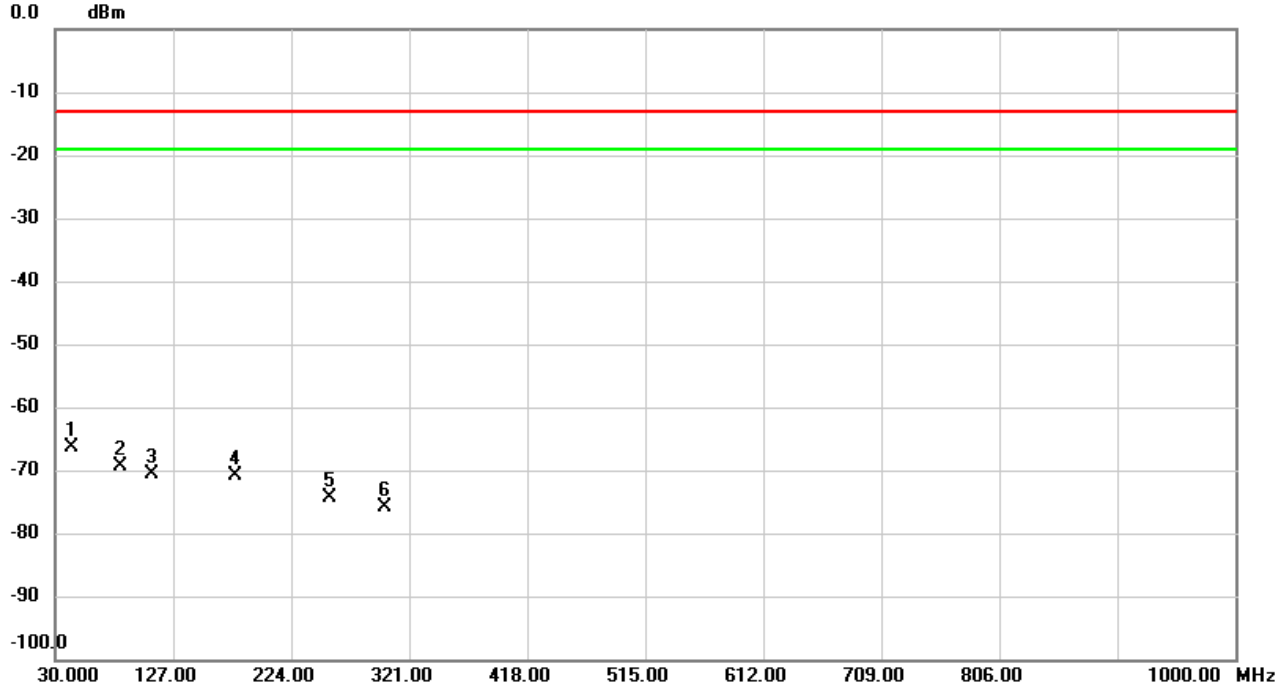
Test Mode	WCDMA Band IV	Test Date	2023/11/29
Test Channel	CH1513	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3505.200	-63.03	10.04	-52.99	-13.00	-39.99	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

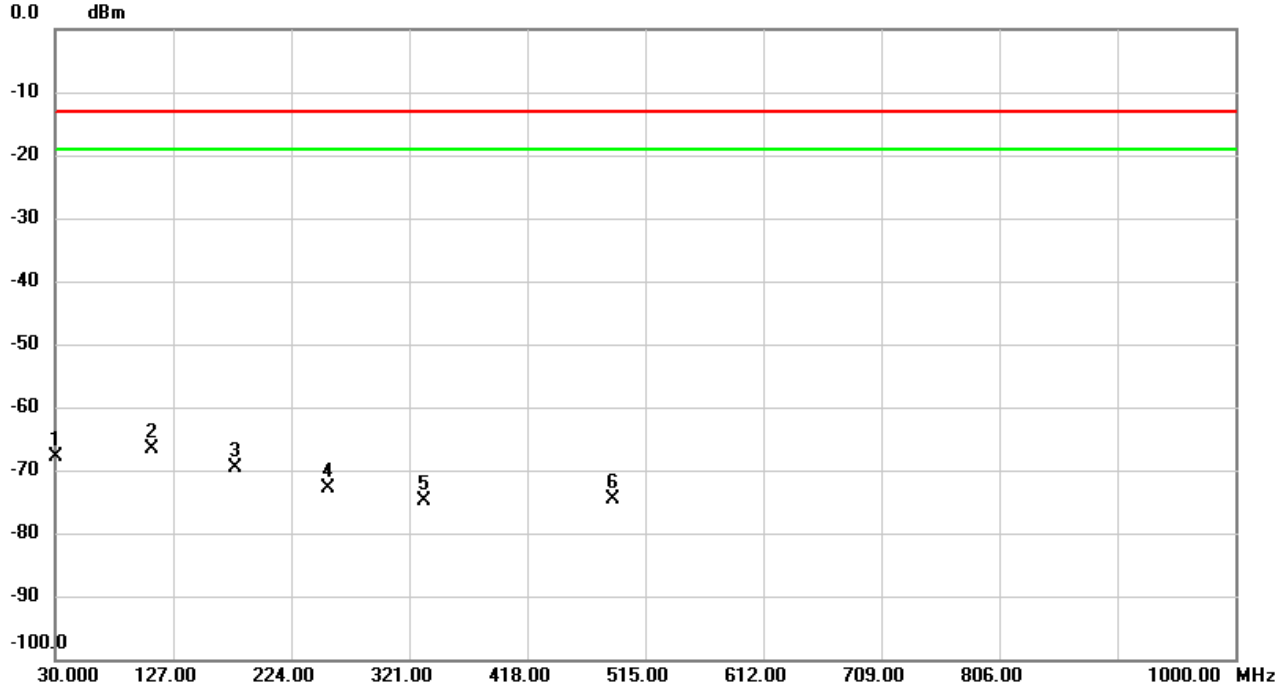
Test Mode	LTE Band 4	Test Date	2023/11/29
Test Channel	CH20050	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	43.2890	-57.88	-8.48	-66.36	-13.00	-53.36	peak	
2		83.8350	-63.58	-5.88	-69.46	-13.00	-56.46	peak	
3		110.0573	-65.06	-5.56	-70.62	-13.00	-57.62	peak	
4		178.2160	-68.36	-2.56	-70.92	-13.00	-57.92	peak	
5		255.1370	-71.34	-3.00	-74.34	-13.00	-61.34	peak	
6		300.7916	-72.52	-3.29	-75.81	-13.00	-62.81	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

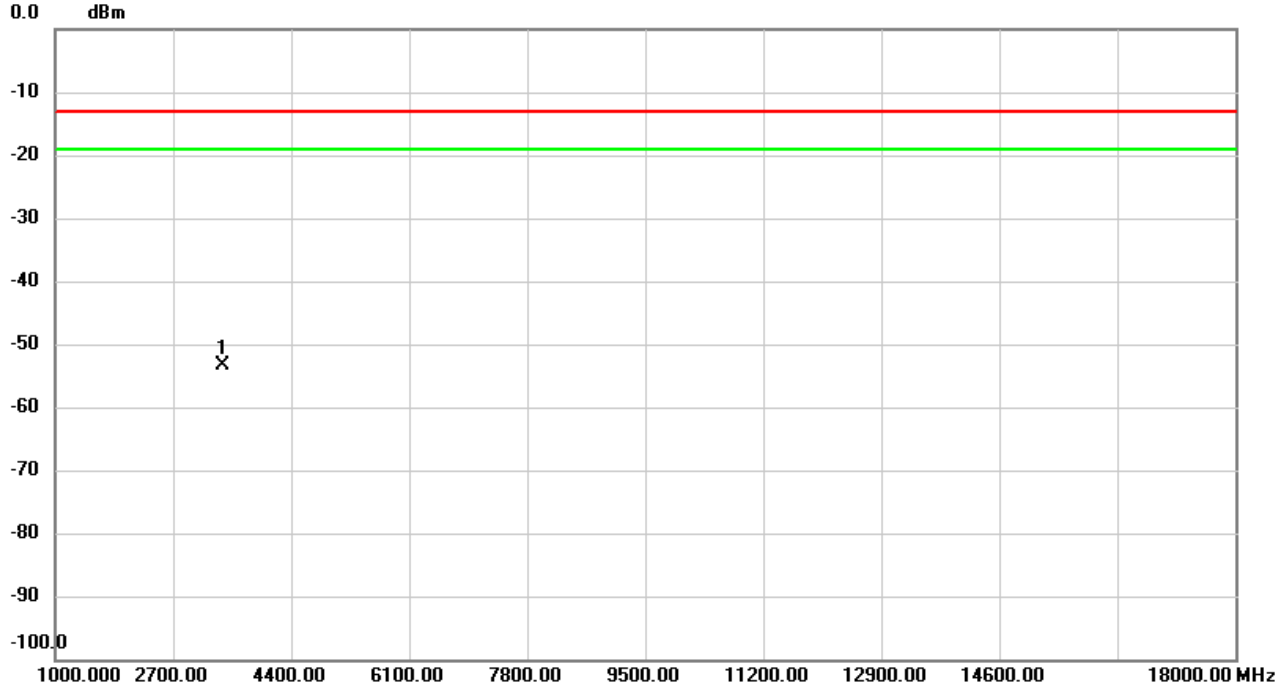
Test Mode	LTE Band 4	Test Date	2023/11/29
Test Channel	CH20050	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		31.0670	-70.63	2.75	-67.88	-13.00	-54.88	peak	
2	*	110.1543	-58.56	-8.12	-66.68	-13.00	-53.68	peak	
3		178.6363	-63.07	-6.45	-69.52	-13.00	-56.52	peak	
4		254.6520	-64.96	-7.82	-72.78	-13.00	-59.78	peak	
5		332.7370	-71.02	-3.83	-74.85	-13.00	-61.85	peak	
6		488.1633	-73.02	-1.67	-74.69	-13.00	-61.69	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

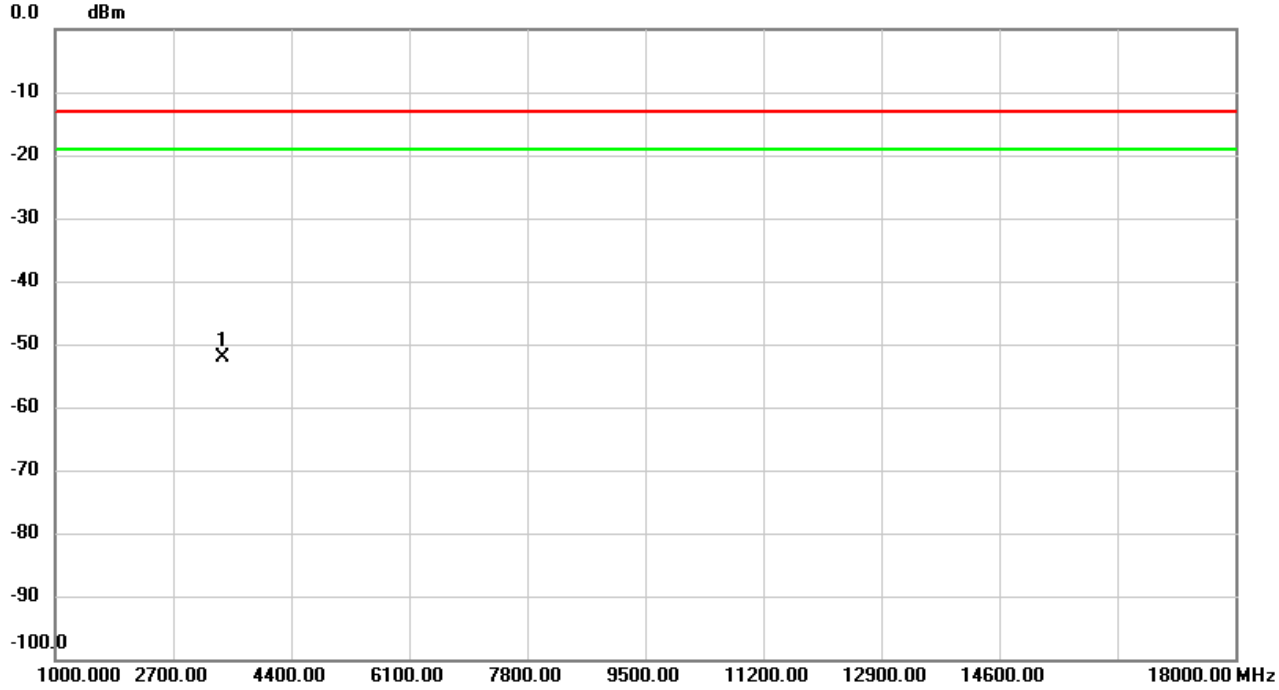
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20050	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3420.000	-63.20	9.93	-53.27	-13.00	-40.27	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

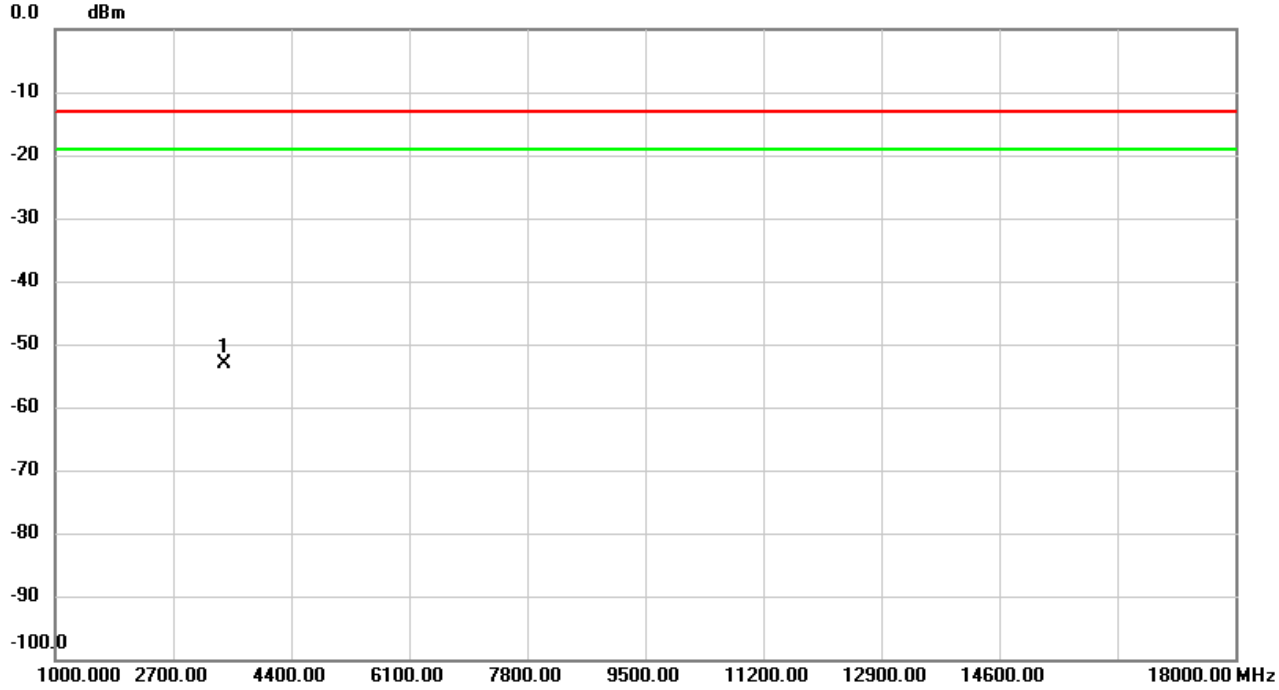
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20050	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3420.000	-61.79	9.77	-52.02	-13.00	-39.02	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

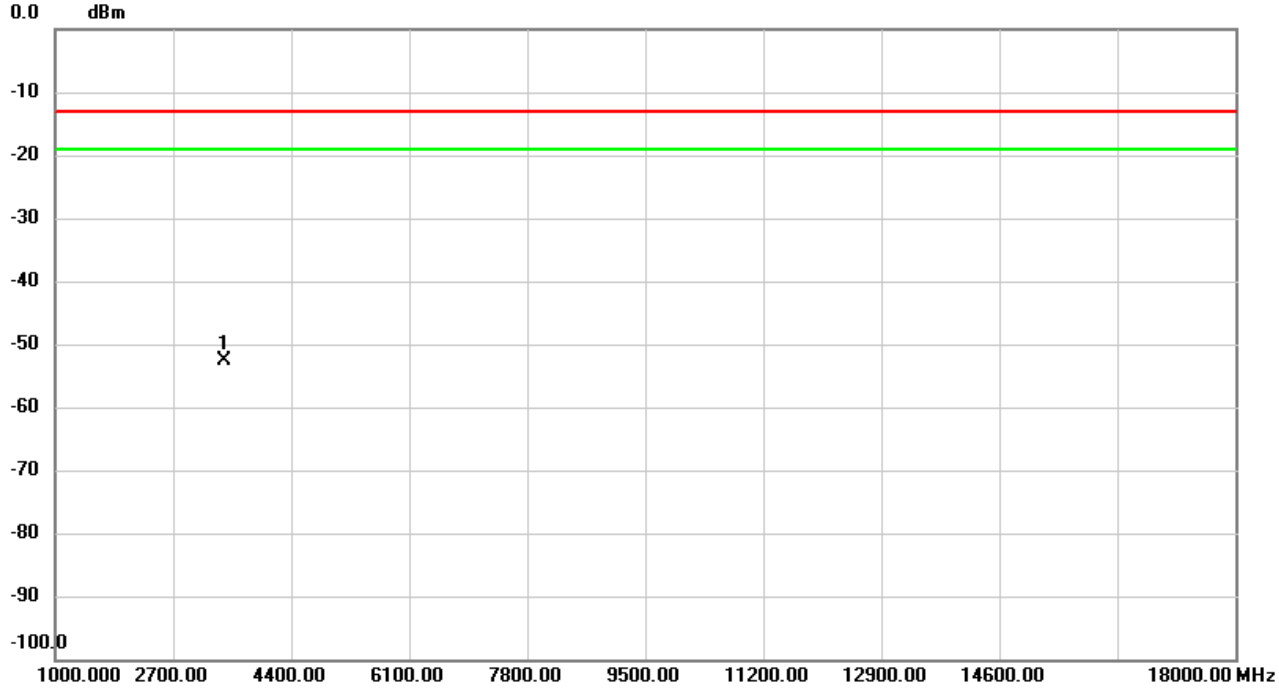
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20175	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3445.000	-63.37	10.17	-53.20	-13.00	-40.20	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

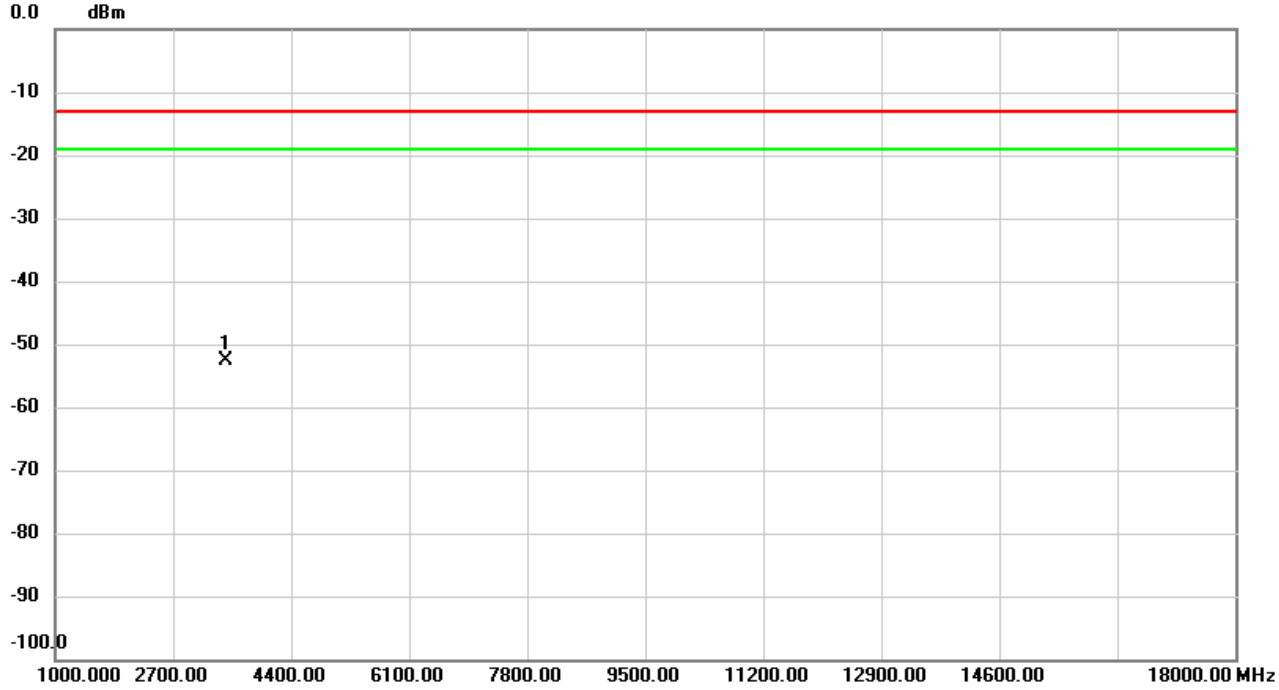
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20175	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3445.000	-62.67	10.11	-52.56	-13.00	-39.56	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

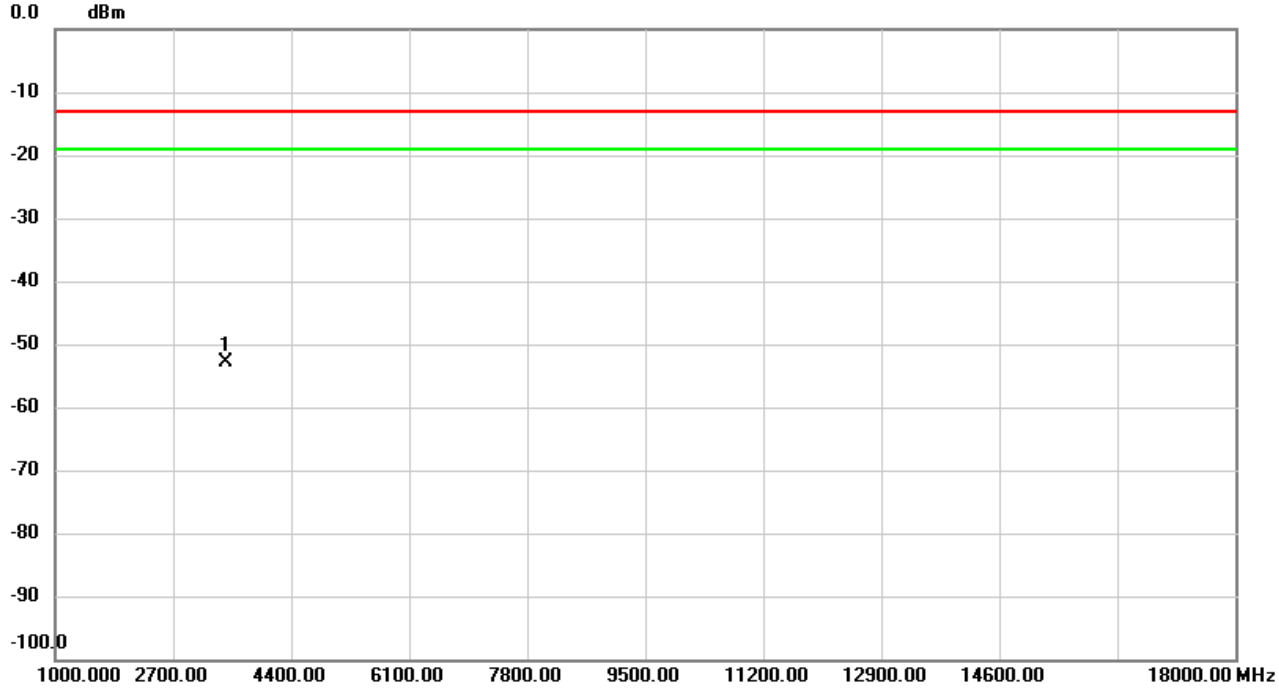
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20300	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3470.000	-62.87	10.15	-52.72	-13.00	-39.72	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

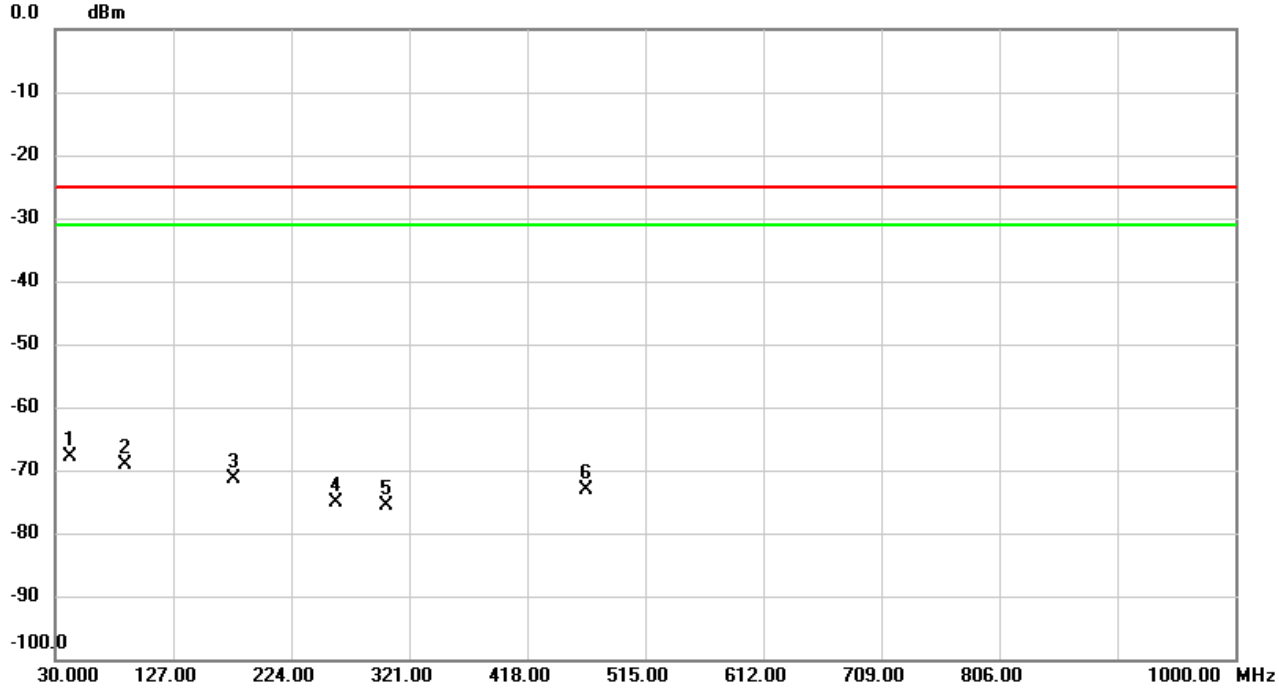
Test Mode	LTE Band 4	Test Date	2023/11/28
Test Channel	CH20300	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3470.000	-62.90	10.12	-52.78	-13.00	-39.78	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

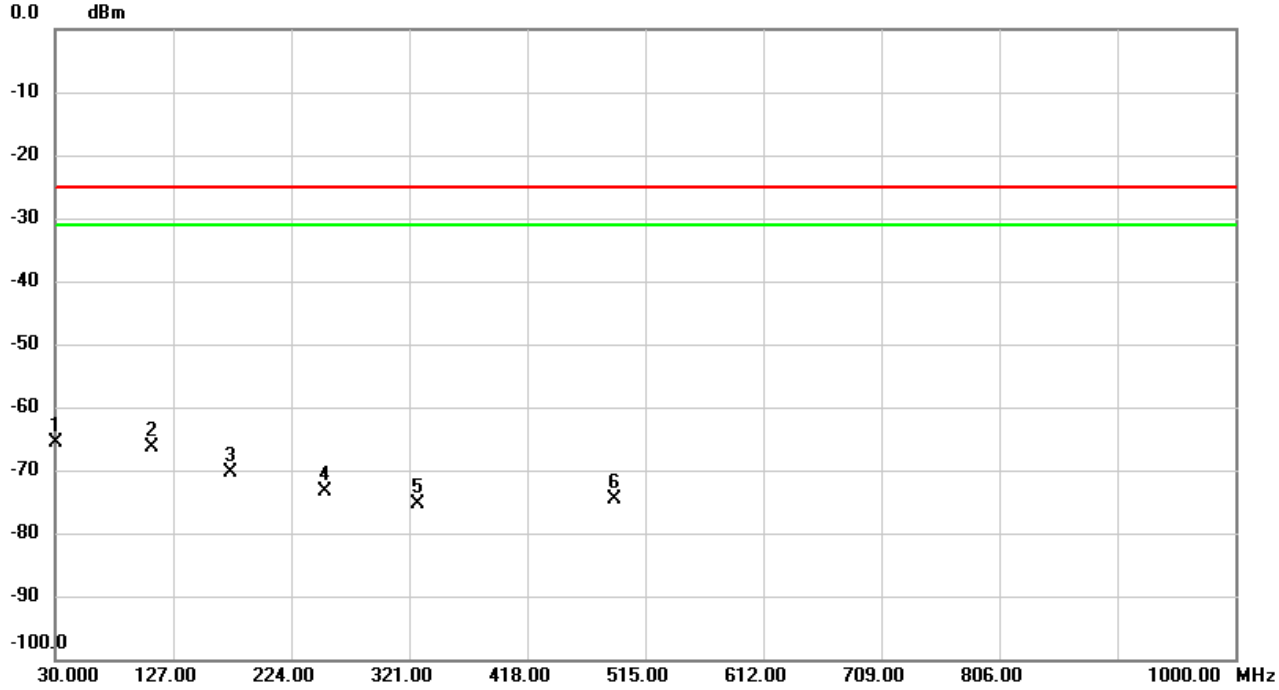
Test Mode	LTE Band 7	Test Date	2023/11/29
Test Channel	CH21350	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	42.9333	-59.34	-8.47	-67.81	-25.00	-42.81	peak	
2		87.2946	-63.39	-5.71	-69.10	-25.00	-44.10	peak	
3		177.3430	-68.88	-2.49	-71.37	-25.00	-46.37	peak	
4		261.2803	-71.98	-3.04	-75.02	-25.00	-50.02	peak	
5		301.9233	-72.29	-3.28	-75.57	-25.00	-50.57	peak	
6		466.6617	-72.30	-0.92	-73.22	-25.00	-48.22	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

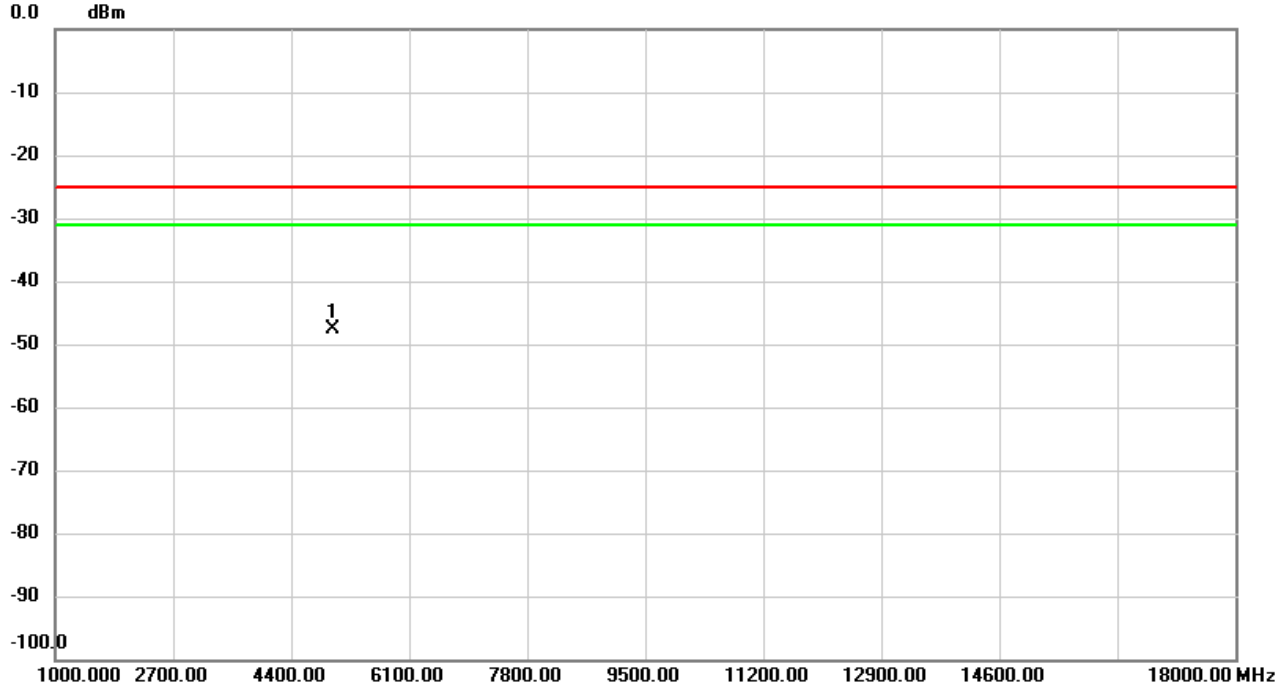
Test Mode	LTE Band 7	Test Date	2023/11/29
Test Channel	CH21350	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.9700	-68.41	2.76	-65.65	-25.00	-40.65	peak	
2		109.5077	-58.35	-8.11	-66.46	-25.00	-41.46	peak	
3		174.6917	-64.21	-6.06	-70.27	-25.00	-45.27	peak	
4		252.2917	-65.51	-7.91	-73.42	-25.00	-48.42	peak	
5		327.6607	-71.30	-4.19	-75.49	-25.00	-50.49	peak	
6		489.2627	-73.01	-1.66	-74.67	-25.00	-49.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

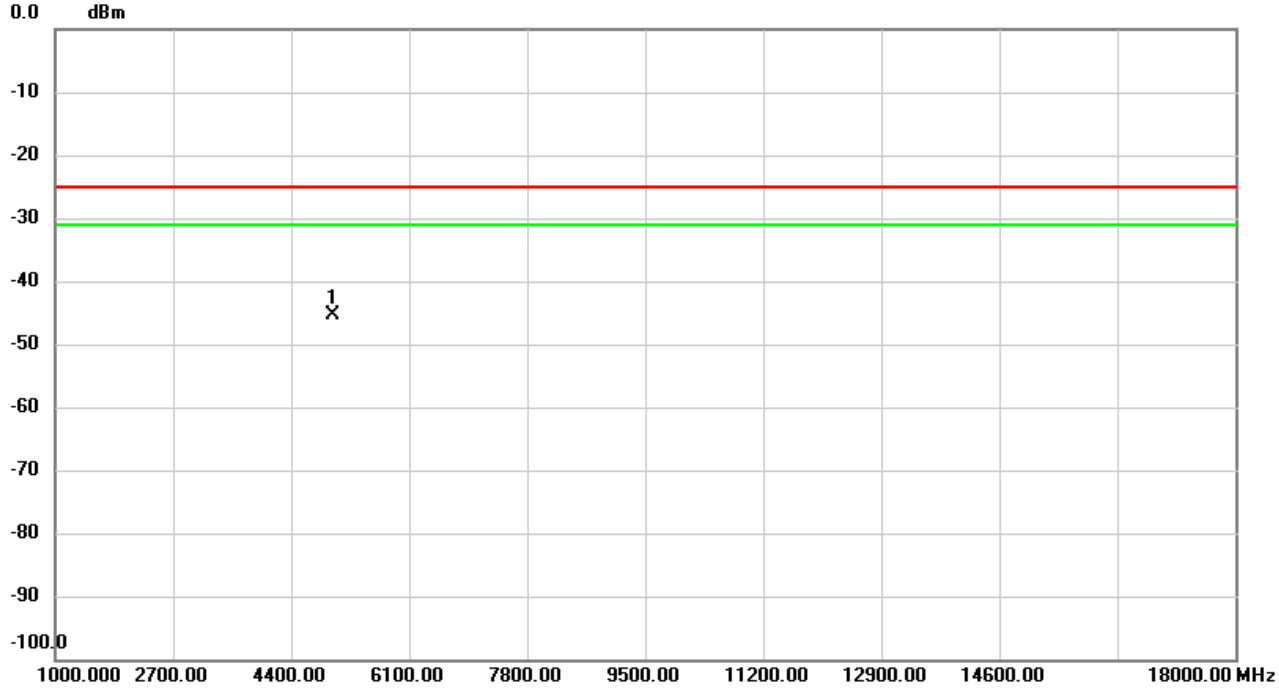
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH20850	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5002.367	-61.14	13.46	-47.68	-25.00	-22.68	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

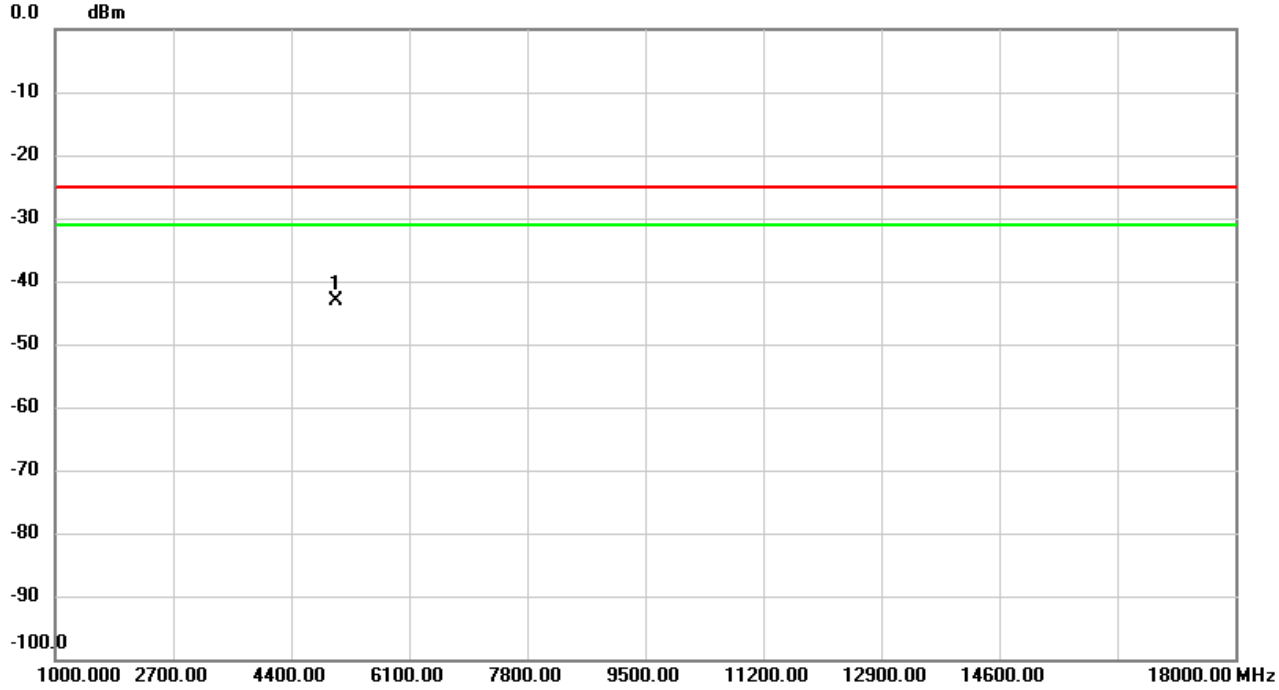
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH20850	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5002.367	-58.66	13.41	-45.25	-25.00	-20.25	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

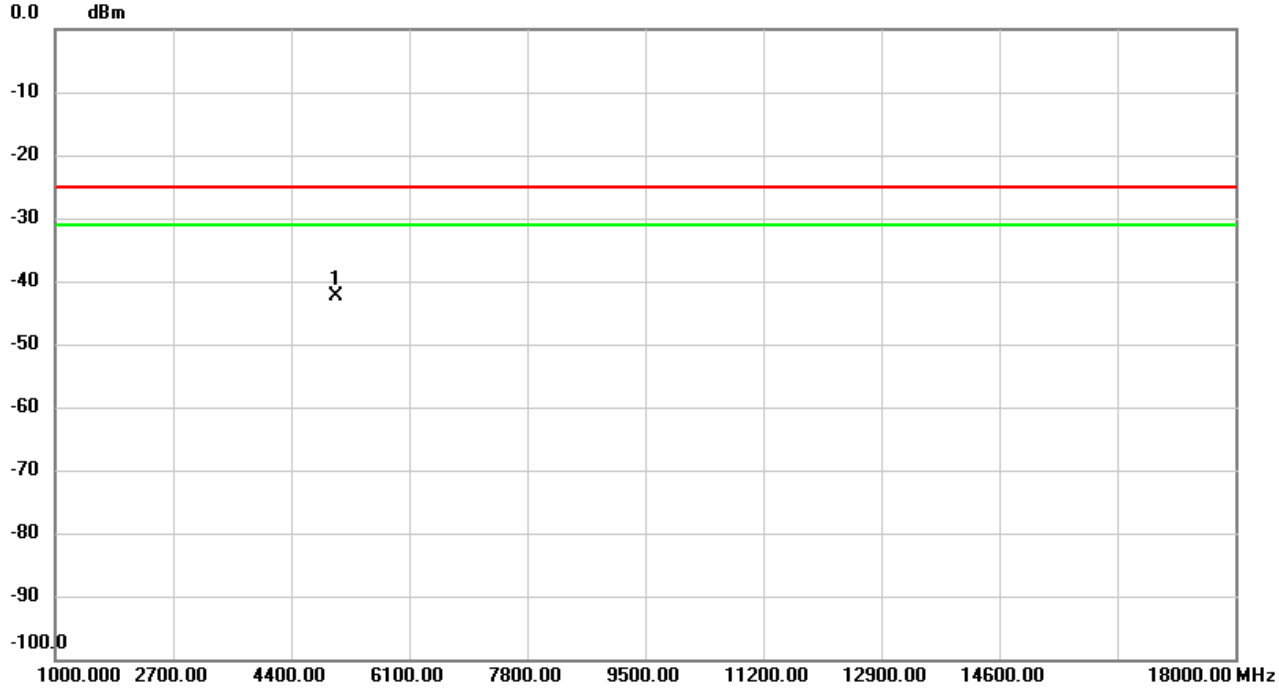
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH21100	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5052.233	-57.29	14.08	-43.21	-25.00	-18.21	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

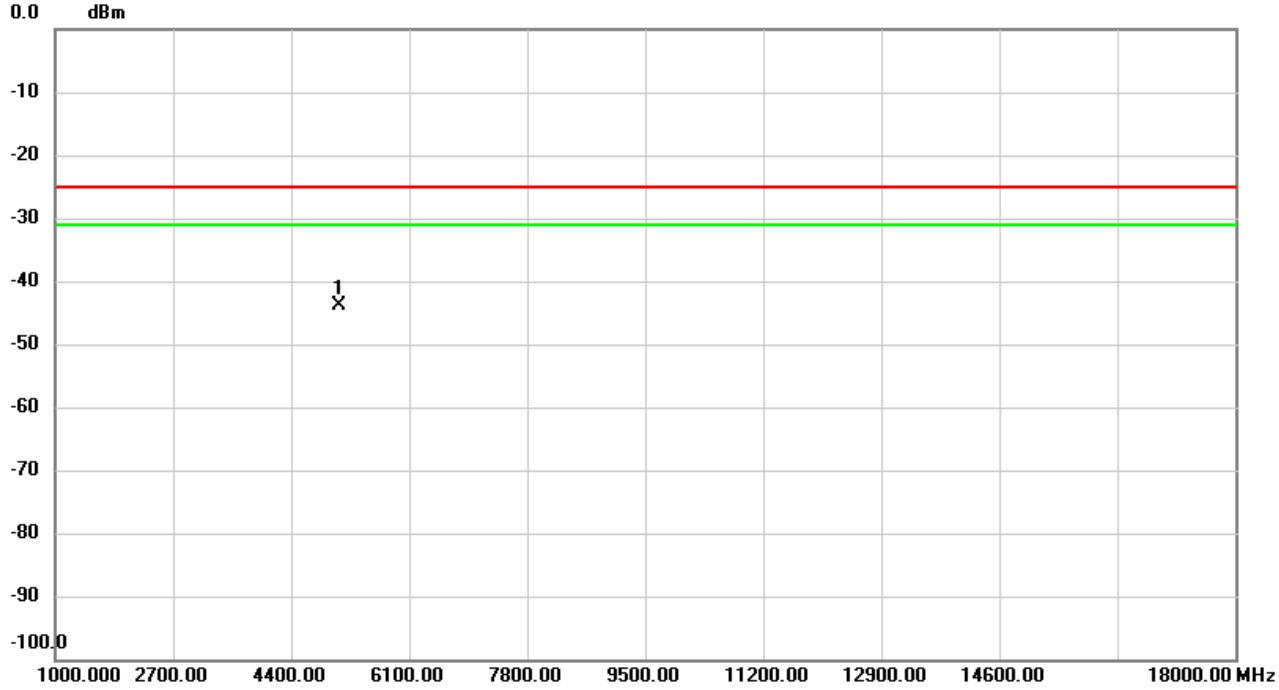
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH21100	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5052.233	-56.51	14.14	-42.37	-25.00	-17.37	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

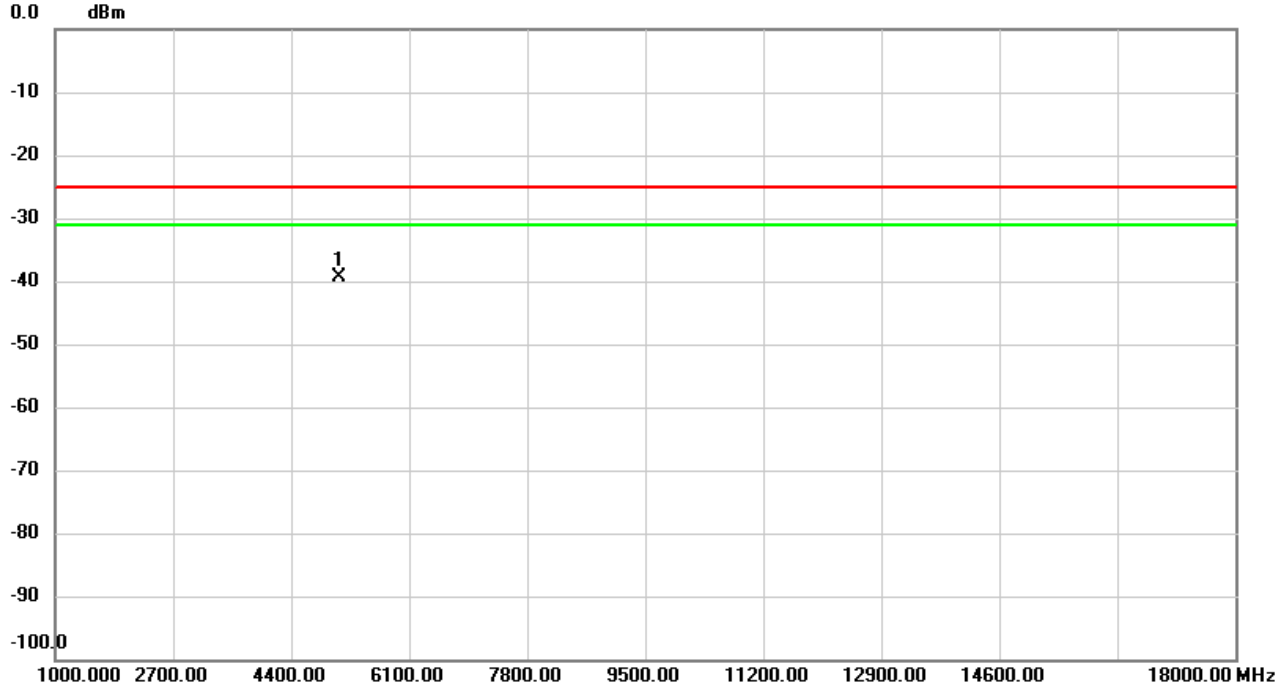
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH21350	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5102.100	-57.70	13.86	-43.84	-25.00	-18.84	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

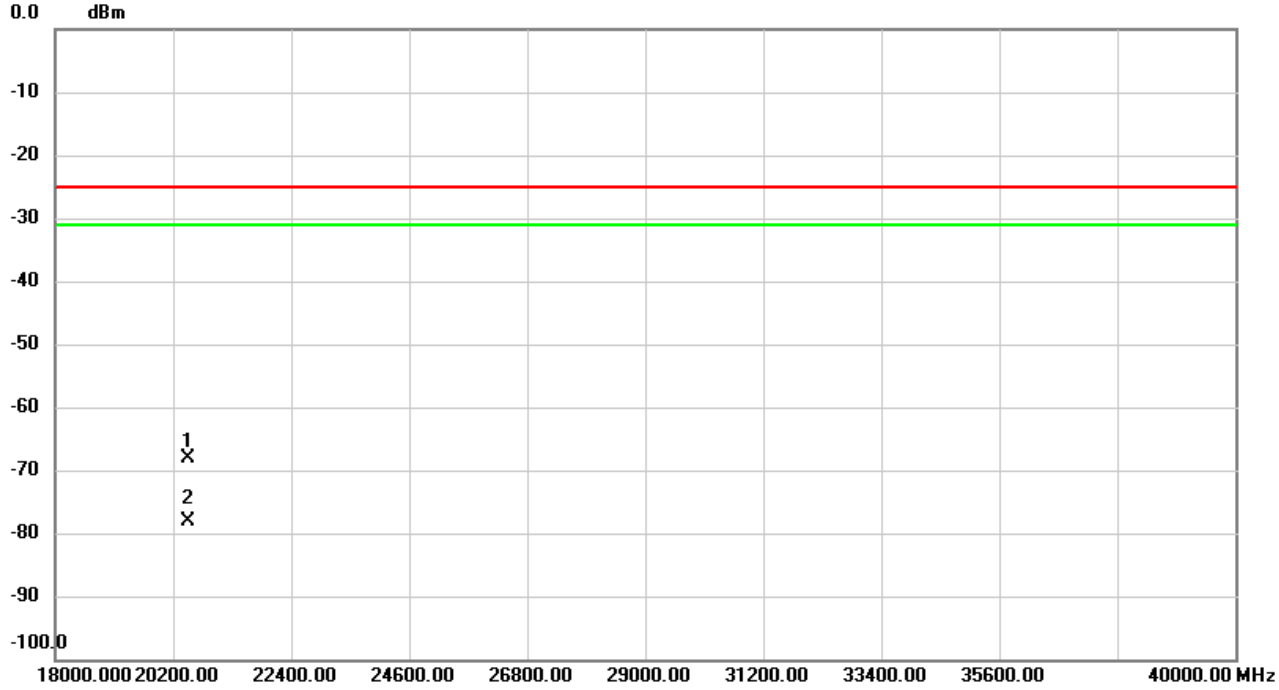
Test Mode	LTE Band 7	Test Date	2023/11/28
Test Channel	CH21350	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5102.100	-53.16	13.88	-39.28	-25.00	-14.28	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

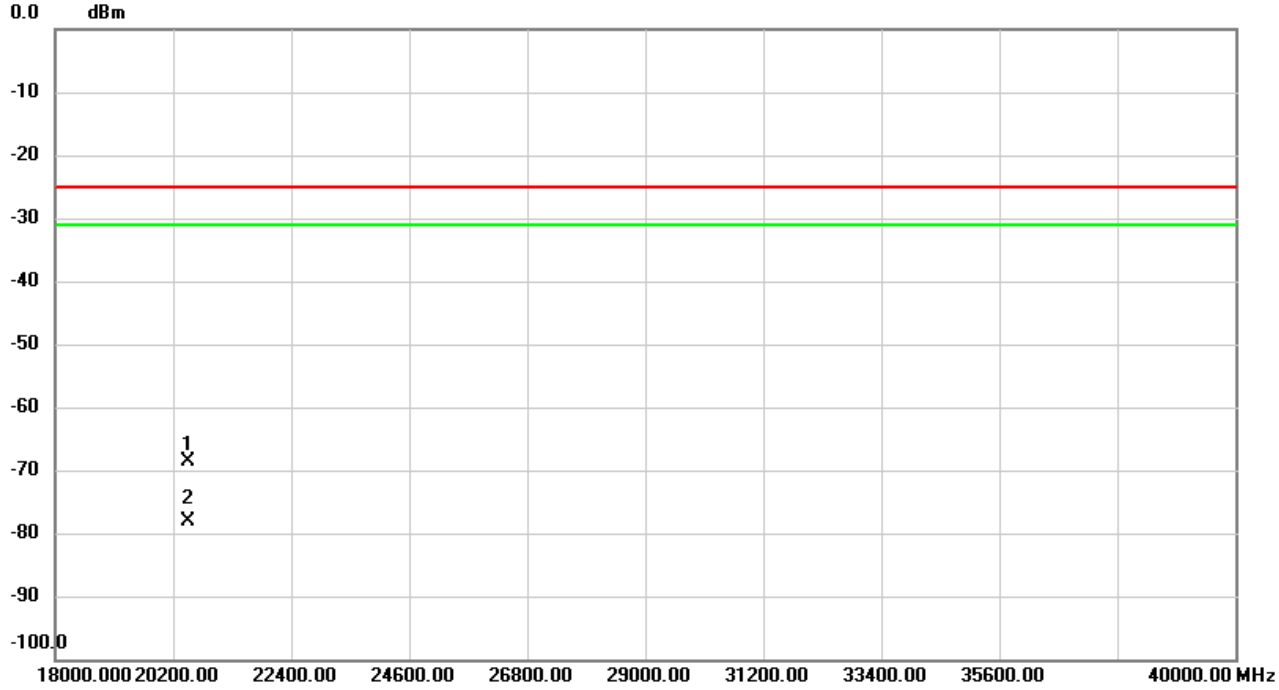
Test Mode	LTE Band 7	Test Date	2023/11/30
Test Channel	CH21350	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	20480.00	-61.20	-6.91	-68.11	-25.00	-43.11	peak	
2		20480.00	-71.15	-6.91	-78.06	-25.00	-53.06	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

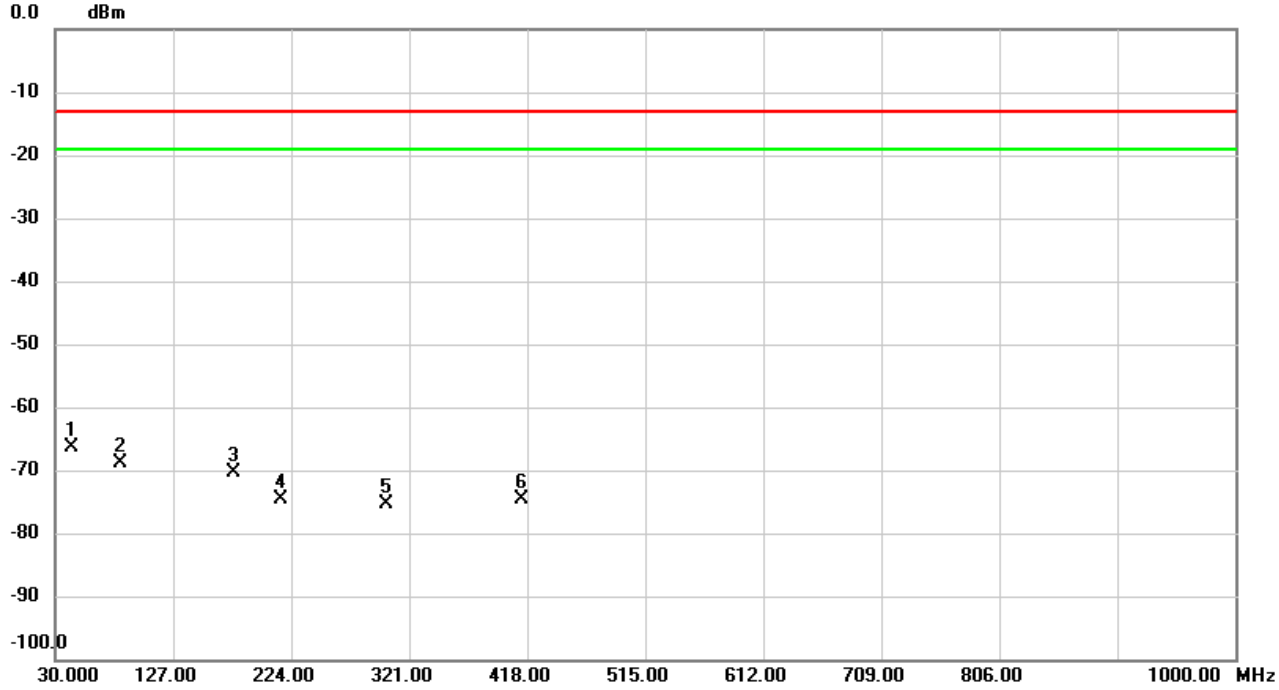
Test Mode	LTE Band 7	Test Date	2023/11/30
Test Channel	CH21350	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	20480.00	-61.76	-6.91	-68.67	-25.00	-43.67	peak	
2		20480.00	-71.32	-6.91	-78.23	-25.00	-53.23	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

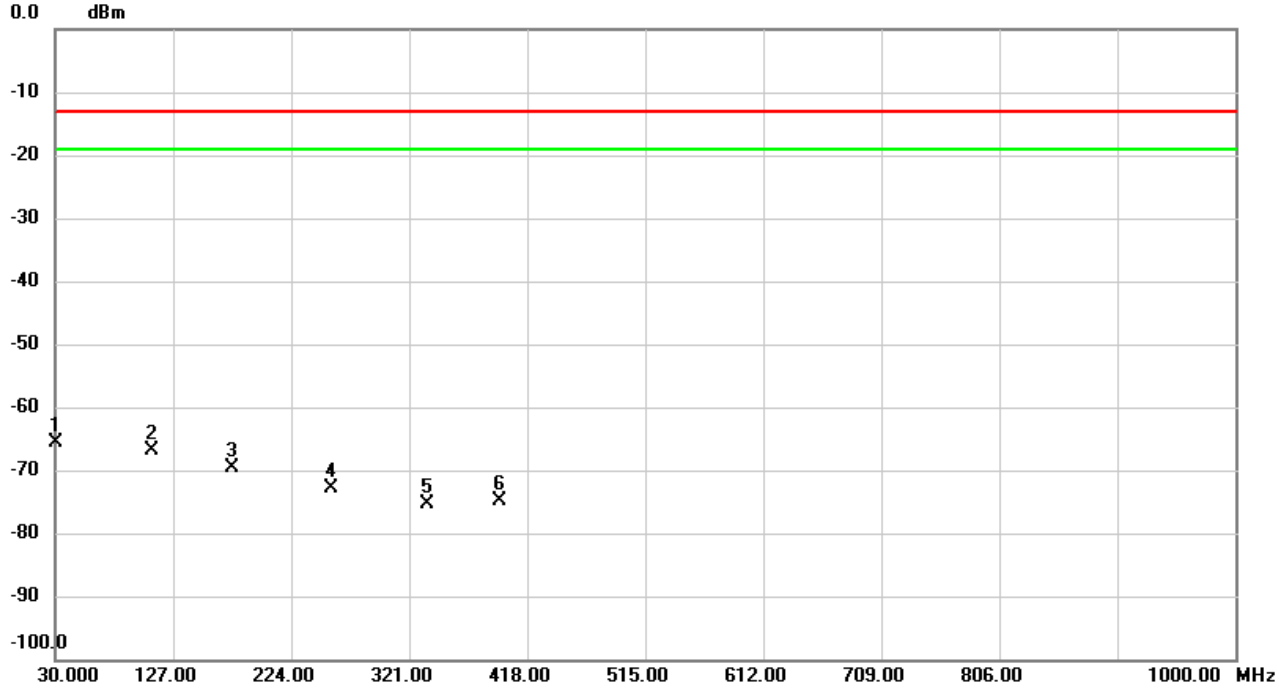
Test Mode	LTE Band 12	Test Date	2023/11/29
Test Channel	CH23130	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	43.5477	-57.86	-8.49	-66.35	-13.00	-53.35	peak	
2		83.7057	-63.11	-5.88	-68.99	-13.00	-55.99	peak	
3		176.3730	-67.94	-2.41	-70.35	-13.00	-57.35	peak	
4		216.0137	-70.82	-3.75	-74.57	-13.00	-61.57	peak	
5		301.9233	-72.03	-3.28	-75.31	-13.00	-62.31	peak	
6		412.9560	-72.64	-2.02	-74.66	-13.00	-61.66	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

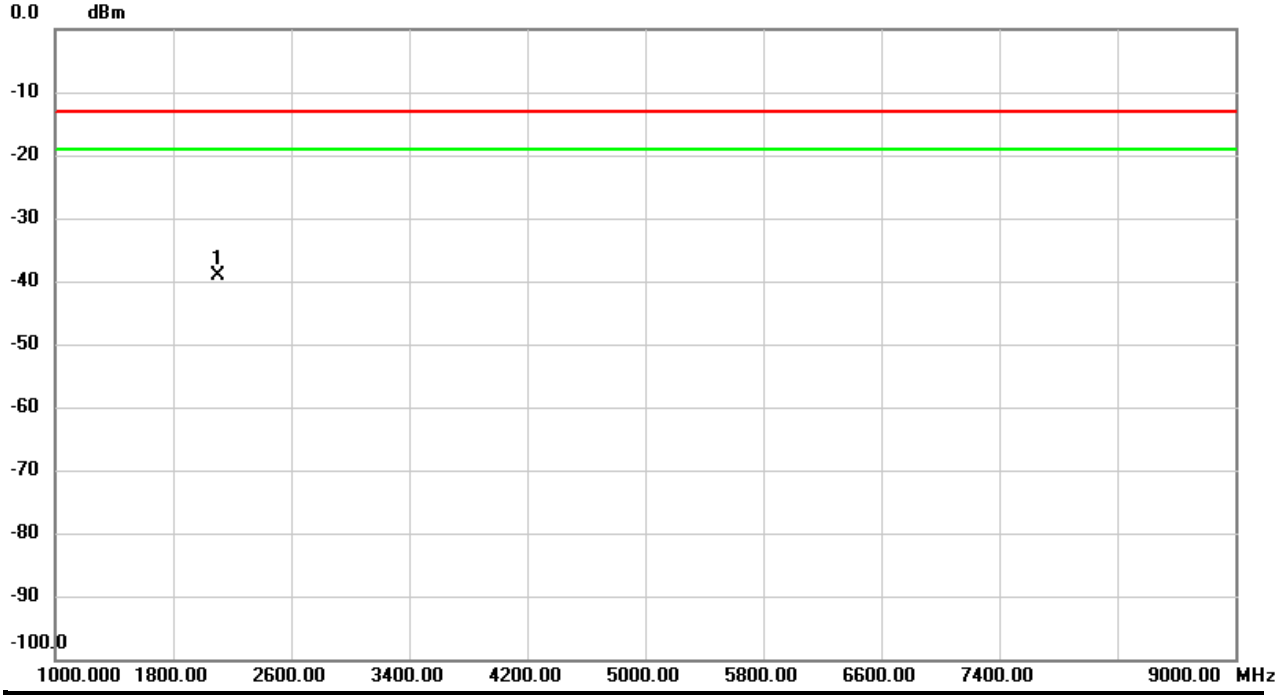
Test Mode	LTE Band 12	Test Date	2023/11/29
Test Channel	CH23130	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	31.0993	-68.28	2.75	-65.53	-13.00	-52.53	peak	
2		109.8957	-58.71	-8.13	-66.84	-13.00	-53.84	peak	
3		175.8557	-63.38	-6.18	-69.56	-13.00	-56.56	peak	
4		256.7537	-65.10	-7.74	-72.84	-13.00	-59.84	peak	
5		335.3236	-71.74	-3.66	-75.40	-13.00	-62.40	peak	
6		394.8493	-72.50	-2.45	-74.95	-13.00	-61.95	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

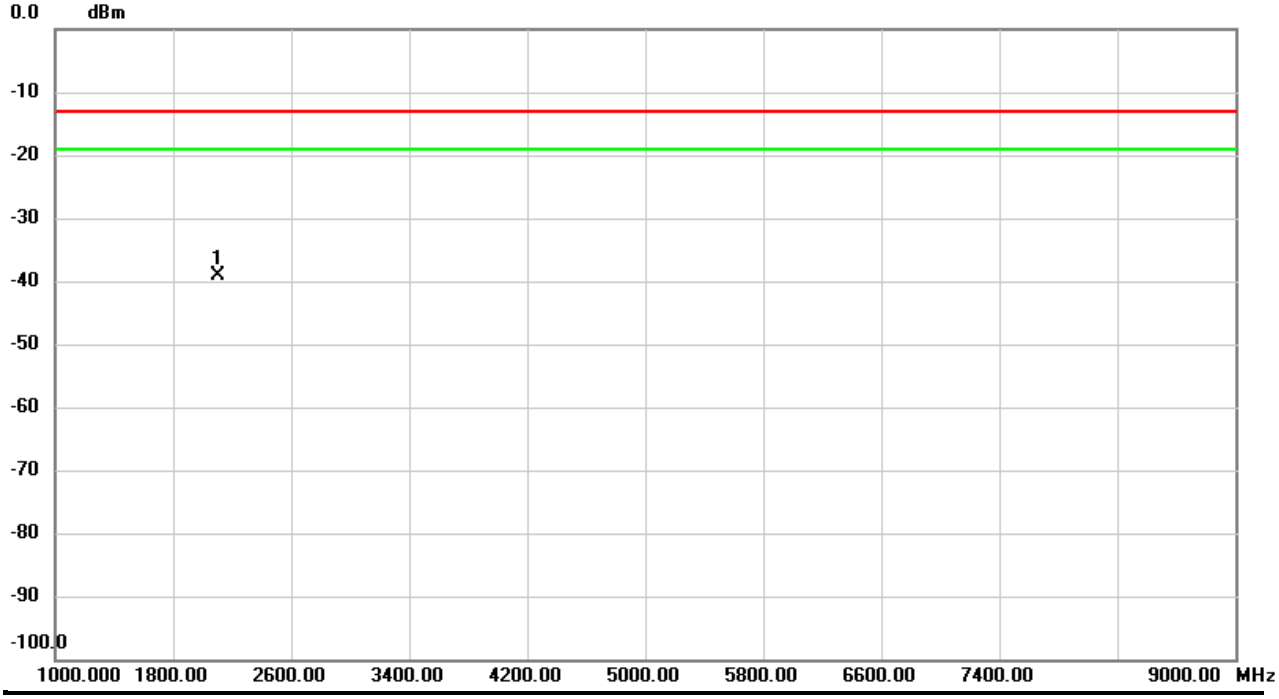
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23060	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2098.933	-46.10	6.86	-39.24	-13.00	-26.24	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

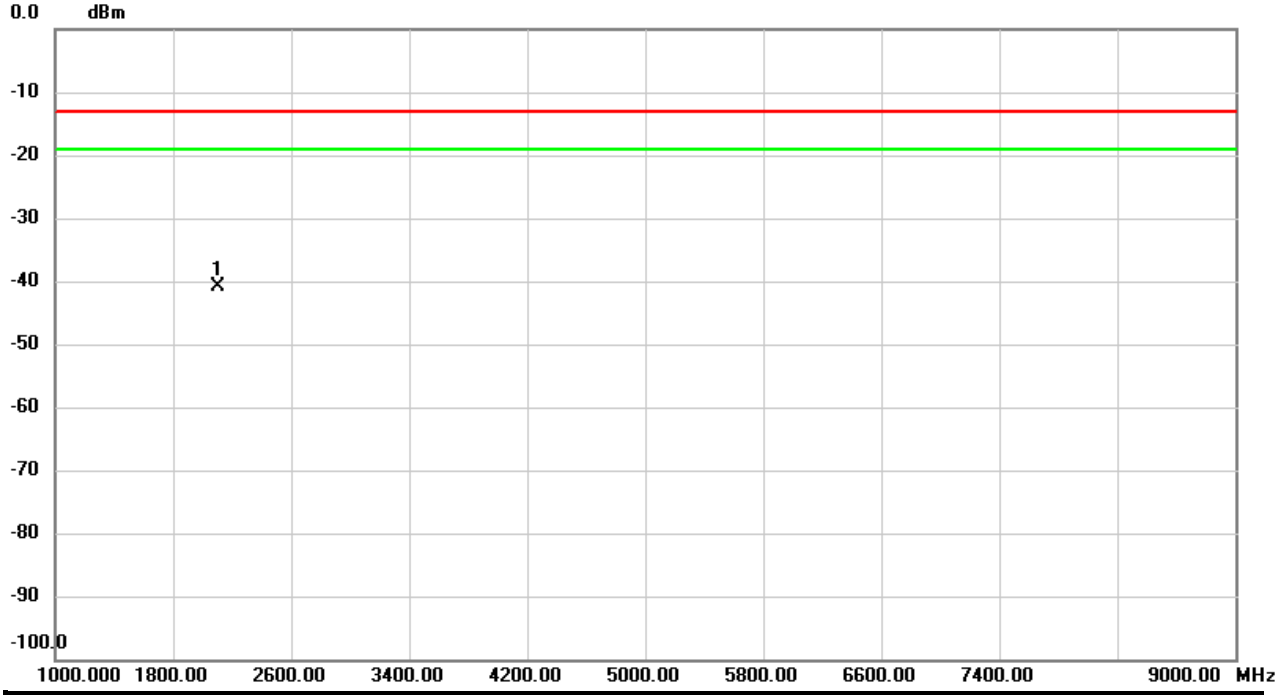
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23060	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2099.200	-45.51	6.49	-39.02	-13.00	-26.02	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

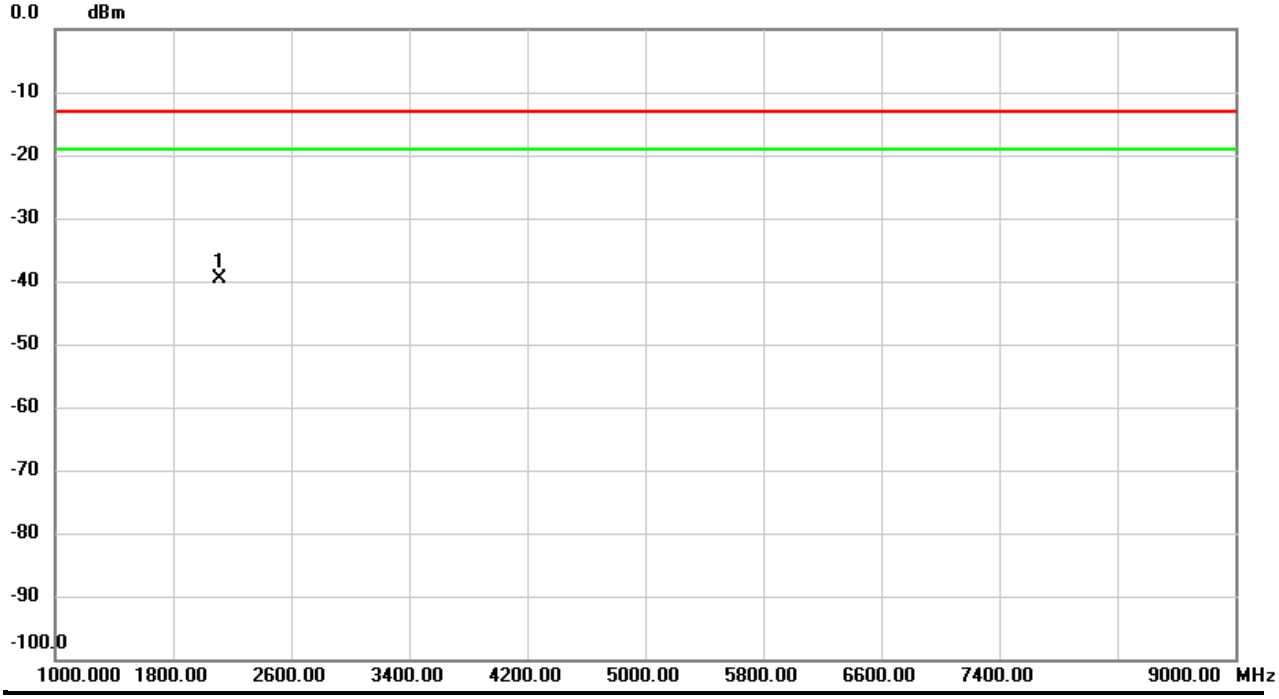
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23095	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2109.333	-47.84	6.99	-40.85	-13.00	-27.85	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

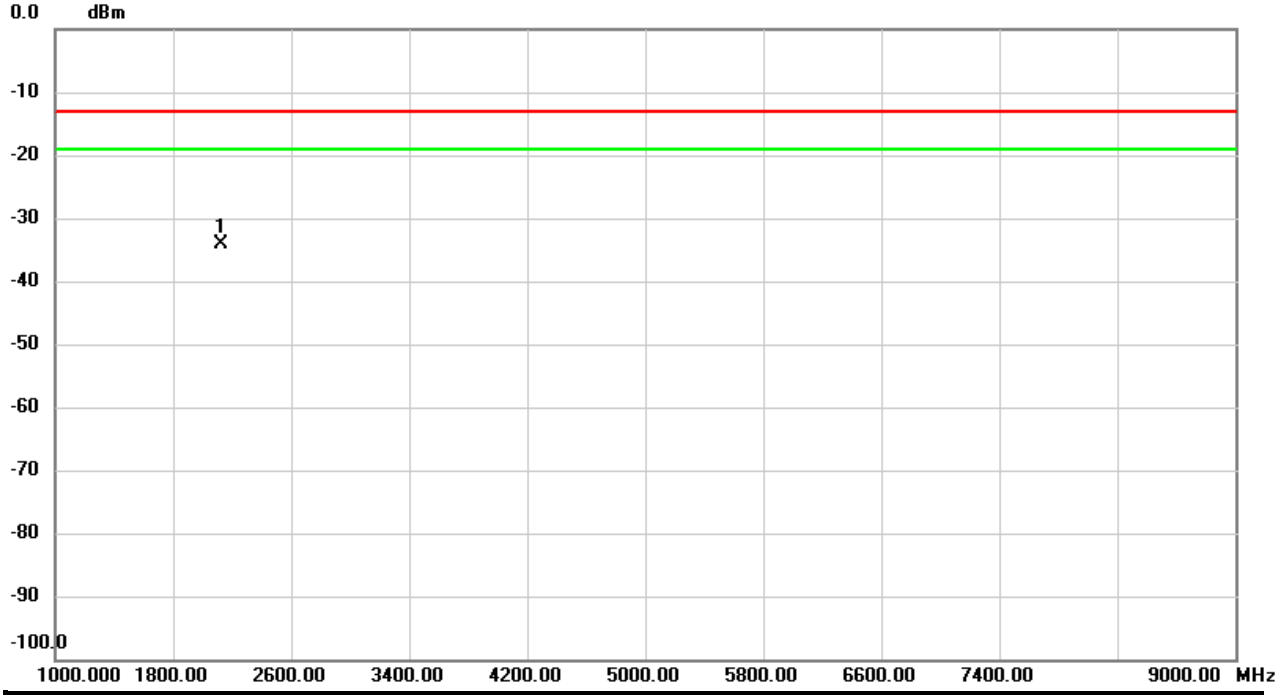
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23095	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2109.600	-46.22	6.67	-39.55	-13.00	-26.55	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

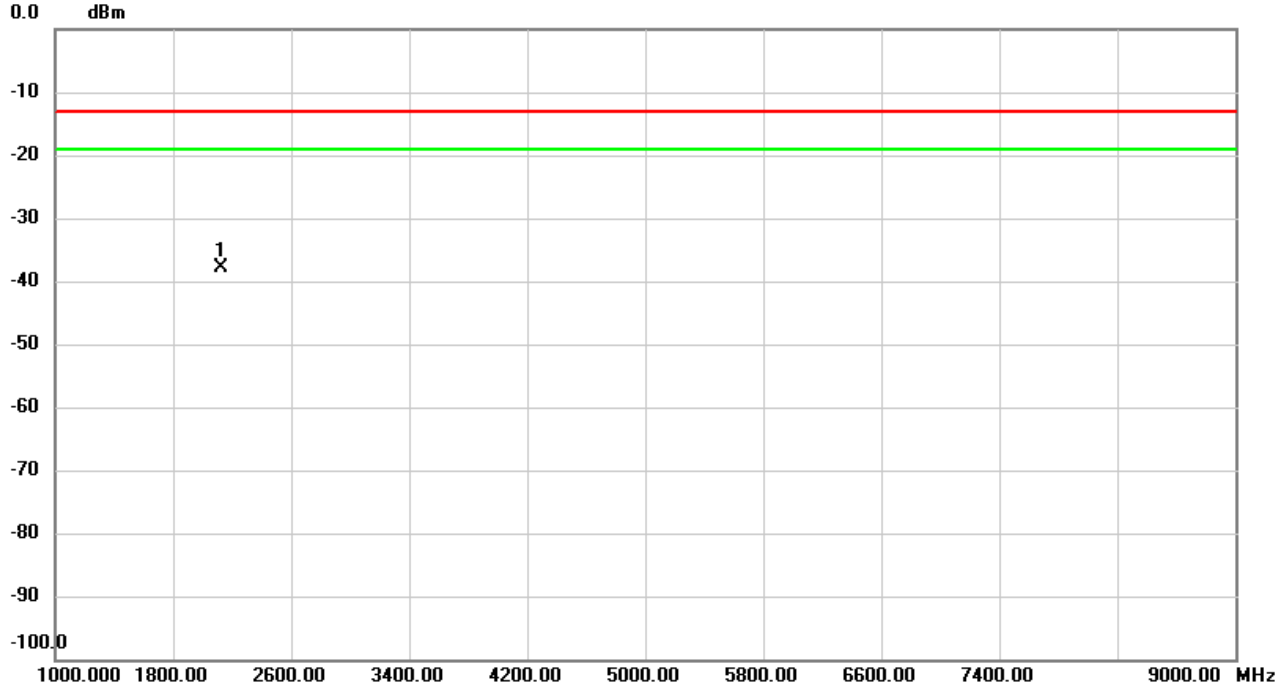
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23130	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2120.000	-41.37	7.14	-34.23	-13.00	-21.23	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

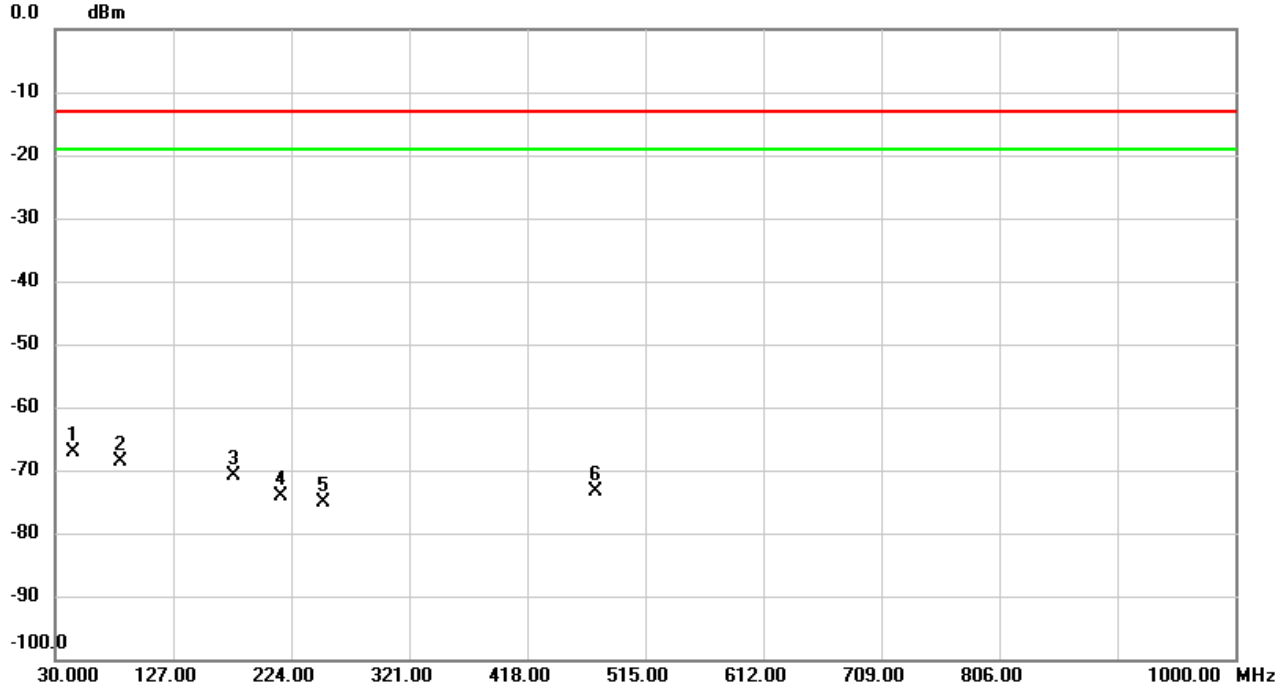
Test Mode	LTE Band 12	Test Date	2023/11/28
Test Channel	CH23130	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2120.000	-44.62	6.87	-37.75	-13.00	-24.75	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

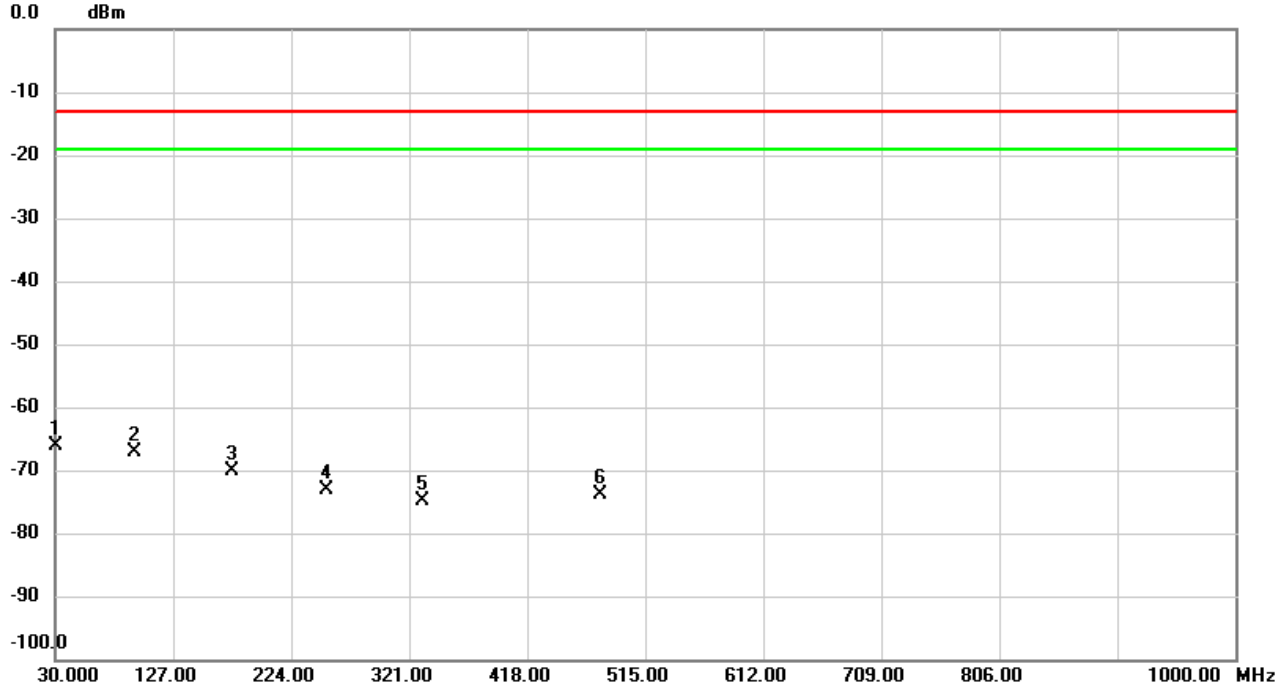
Test Mode	LTE Band 13	Test Date	2023/11/29
Test Channel	CH23230	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	45.4230	-58.64	-8.46	-67.10	-13.00	-54.10	peak	
2		83.8997	-62.66	-5.87	-68.53	-13.00	-55.53	peak	
3		177.0843	-68.51	-2.47	-70.98	-13.00	-57.98	peak	
4		215.9813	-70.33	-3.75	-74.08	-13.00	-61.08	peak	
5		250.2223	-72.05	-2.97	-75.02	-13.00	-62.02	peak	
6		473.8073	-72.74	-0.73	-73.47	-13.00	-60.47	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

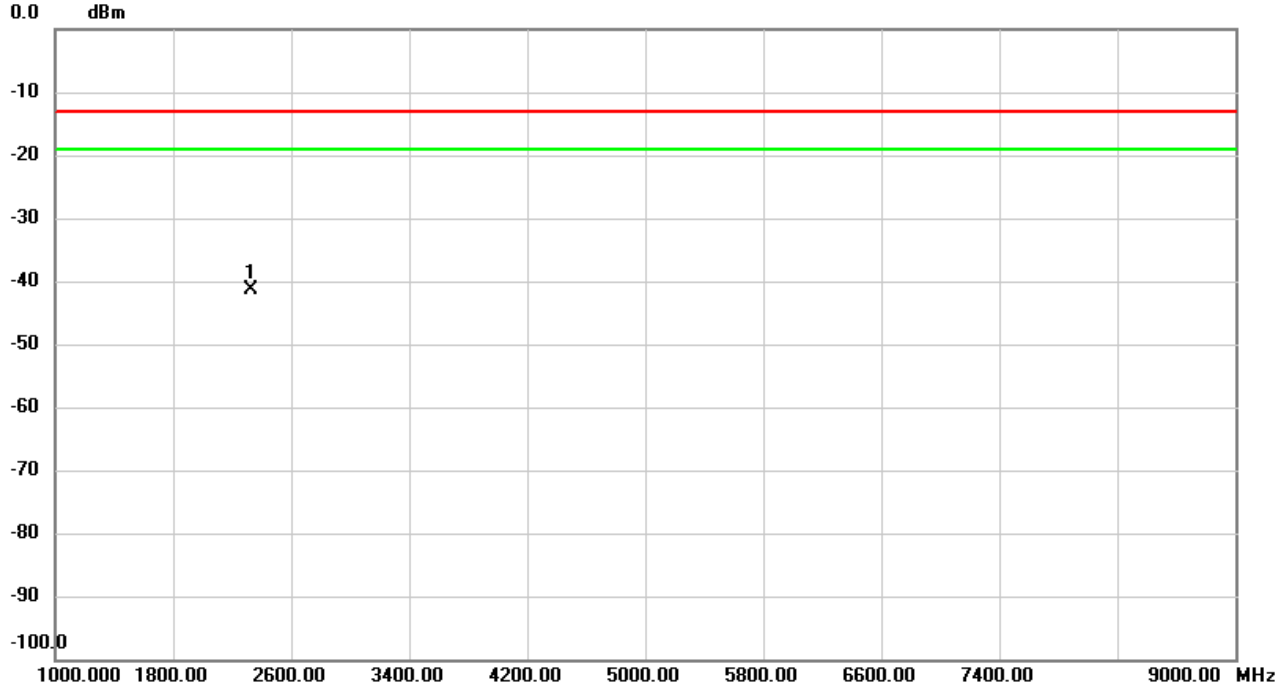
Test Mode	LTE Band 13	Test Date	2023/11/29
Test Channel	CH23230	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	31.0993	-68.96	2.75	-66.21	-13.00	-53.21	peak	
2		95.1840	-59.12	-8.07	-67.19	-13.00	-54.19	peak	
3		175.2737	-64.04	-6.12	-70.16	-13.00	-57.16	peak	
4		253.6173	-65.31	-7.86	-73.17	-13.00	-60.17	peak	
5		331.7023	-71.01	-3.91	-74.92	-13.00	-61.92	peak	
6		478.4957	-72.22	-1.76	-73.98	-13.00	-60.98	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

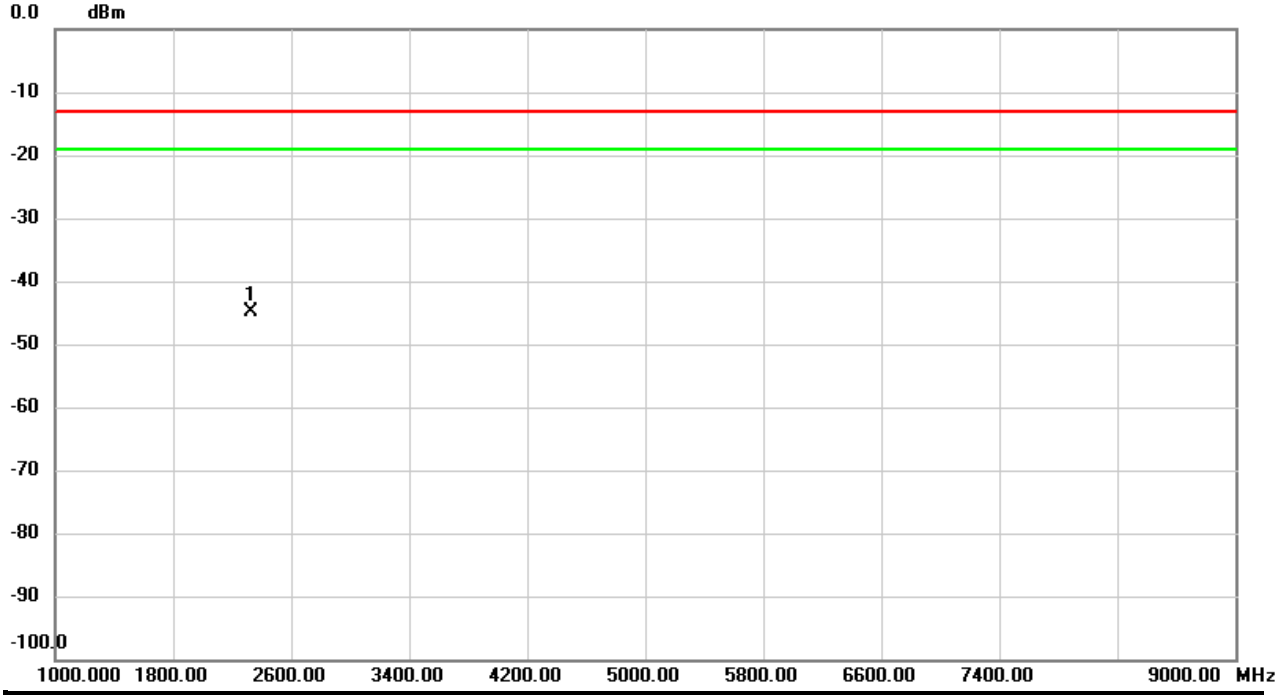
Test Mode	LTE Band 13	Test Date	2023/11/28
Test Channel	CH23230	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2333.067	-48.90	7.59	-41.31	-13.00	-28.31	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

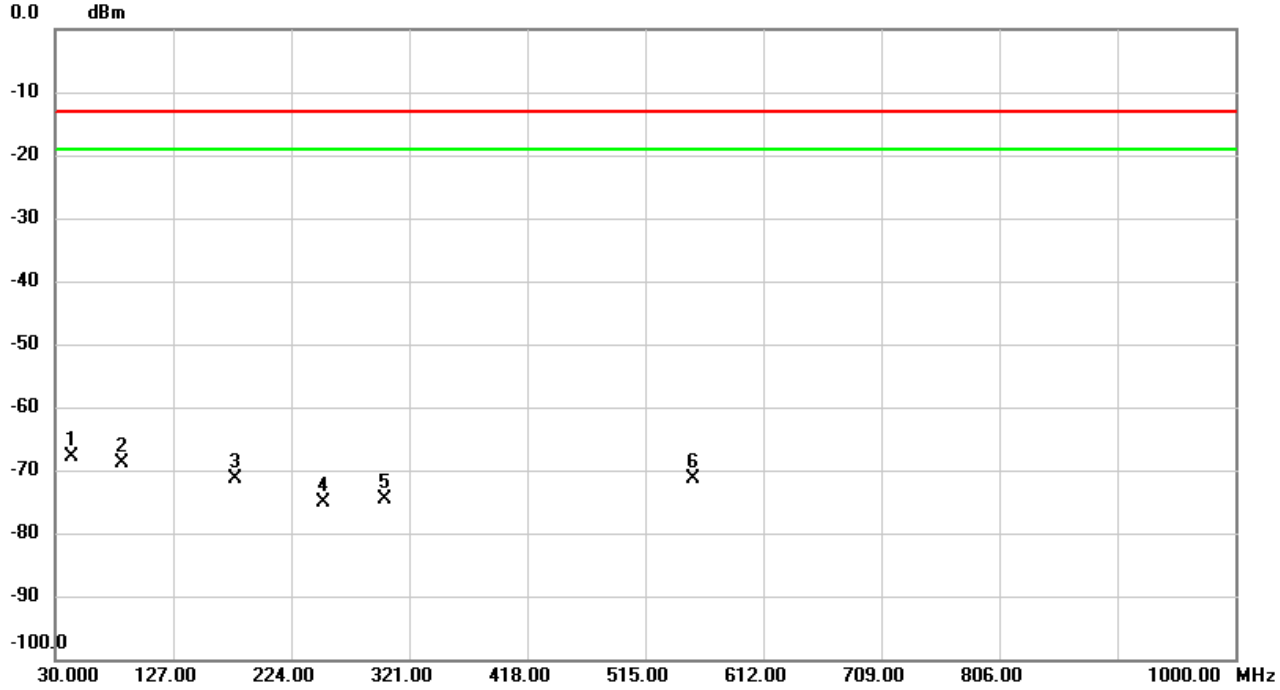
Test Mode	LTE Band 13	Test Date	2023/11/28
Test Channel	CH23230	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2333.067	-52.43	7.60	-44.83	-13.00	-31.83	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

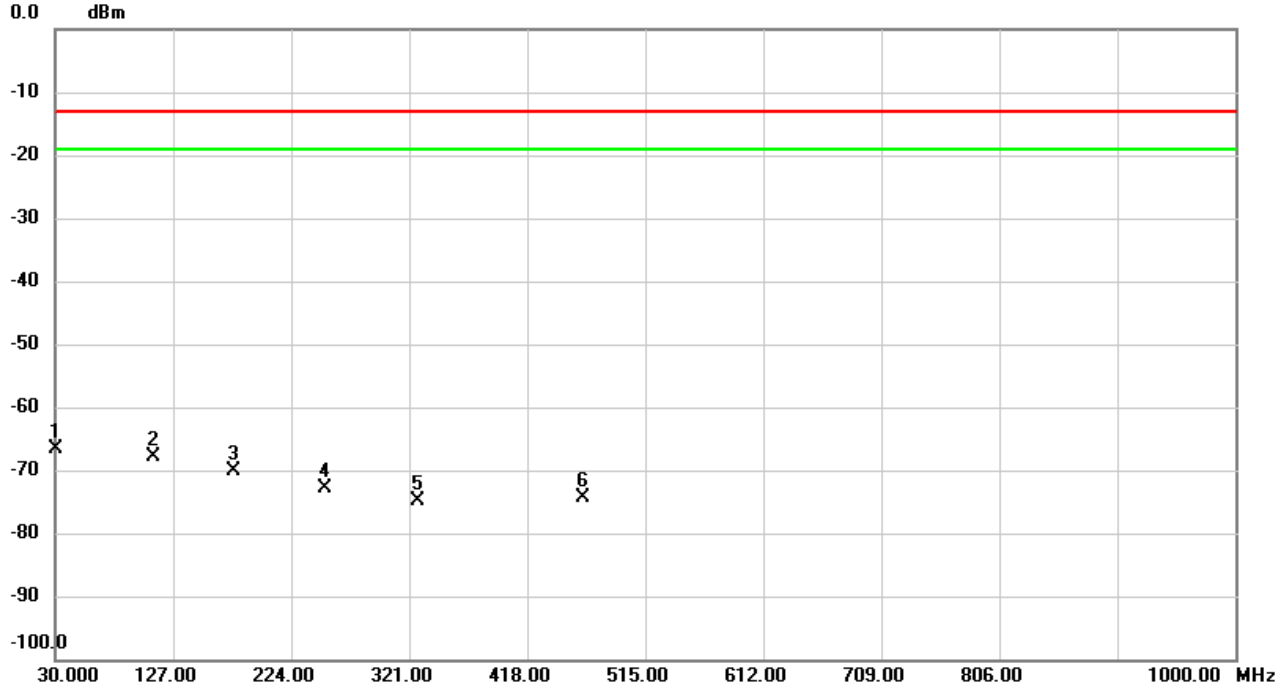
Test Mode	LTE Band 17	Test Date	2023/11/29
Test Channel	CH23800	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	44.0973	-59.33	-8.51	-67.84	-13.00	-54.84	peak	
2		85.2900	-63.11	-5.81	-68.92	-13.00	-55.92	peak	
3		177.5370	-68.95	-2.50	-71.45	-13.00	-58.45	peak	
4		249.9313	-72.08	-2.97	-75.05	-13.00	-62.05	peak	
5		301.0827	-71.43	-3.29	-74.72	-13.00	-61.72	peak	
6		553.8970	-74.28	2.82	-71.46	-13.00	-58.46	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

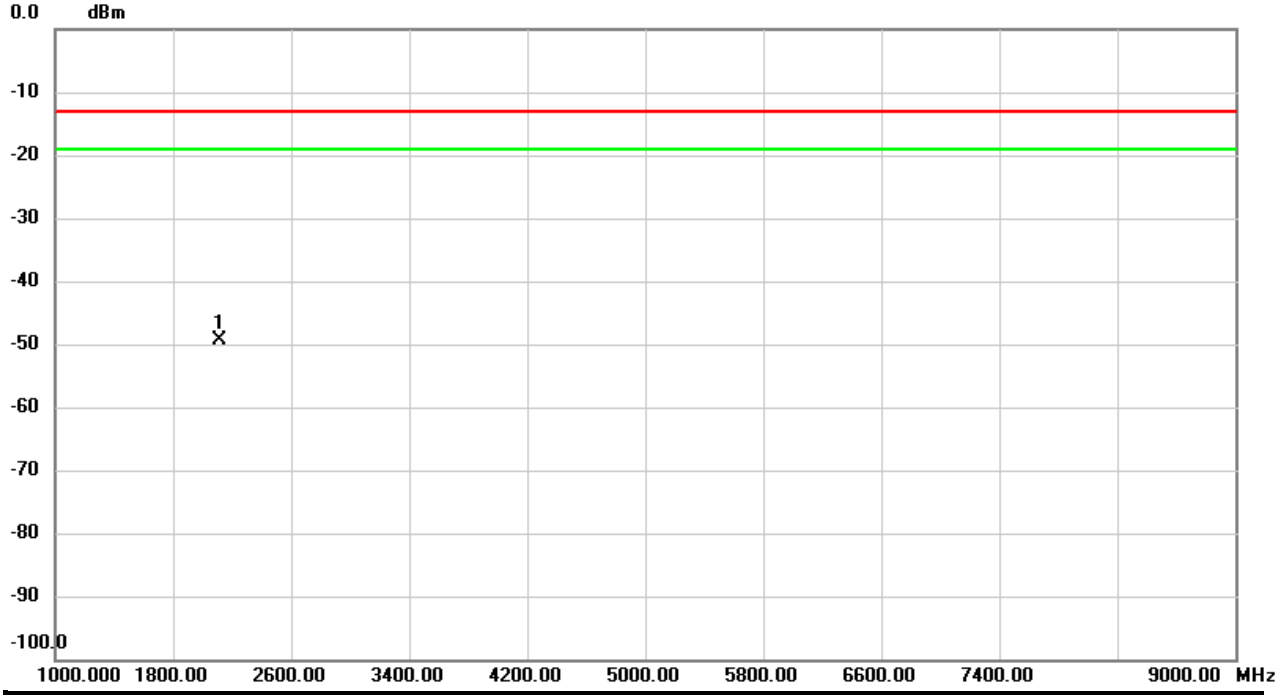
Test Mode	LTE Band 17	Test Date	2023/11/29
Test Channel	CH23800	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	31.0670	-69.29	2.75	-66.54	-13.00	-53.54	peak	
2		111.3183	-59.87	-8.02	-67.89	-13.00	-54.89	peak	
3		176.9227	-63.87	-6.29	-70.16	-13.00	-57.16	peak	
4		251.4187	-64.95	-7.95	-72.90	-13.00	-59.90	peak	
5		327.8546	-70.58	-4.17	-74.75	-13.00	-61.75	peak	
6		464.1720	-72.49	-1.89	-74.38	-13.00	-61.38	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

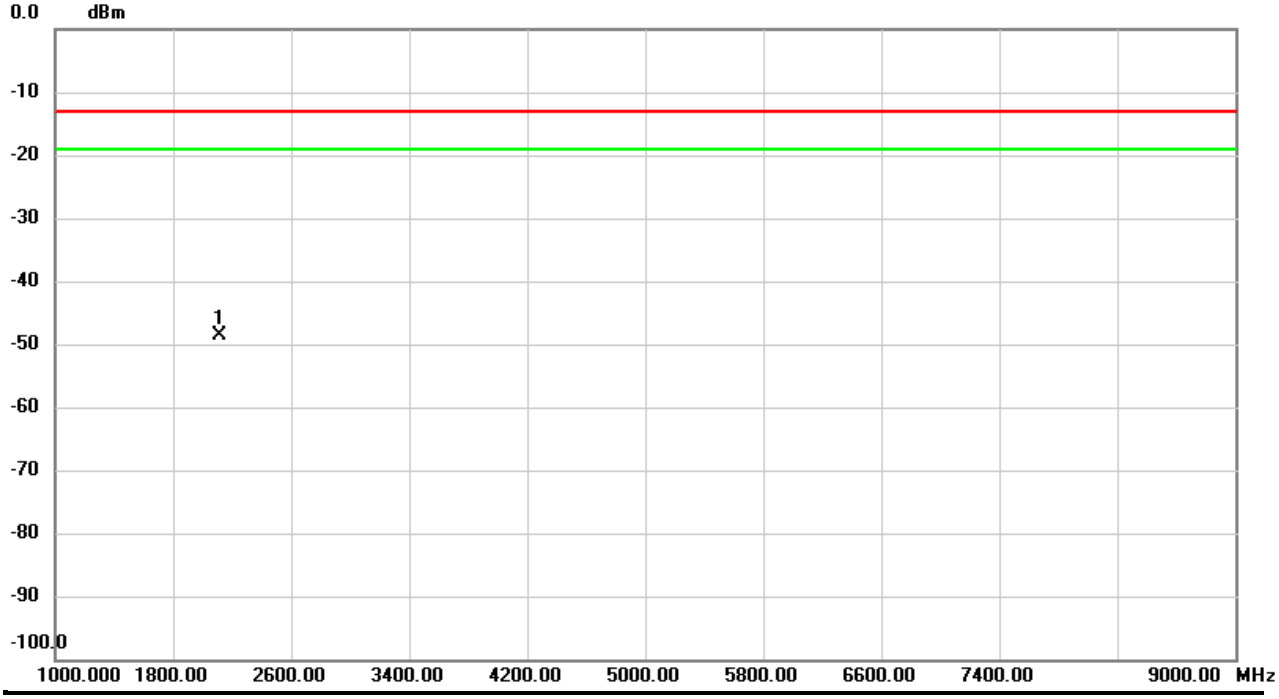
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23780	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2113.867	-56.48	7.06	-49.42	-13.00	-36.42	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

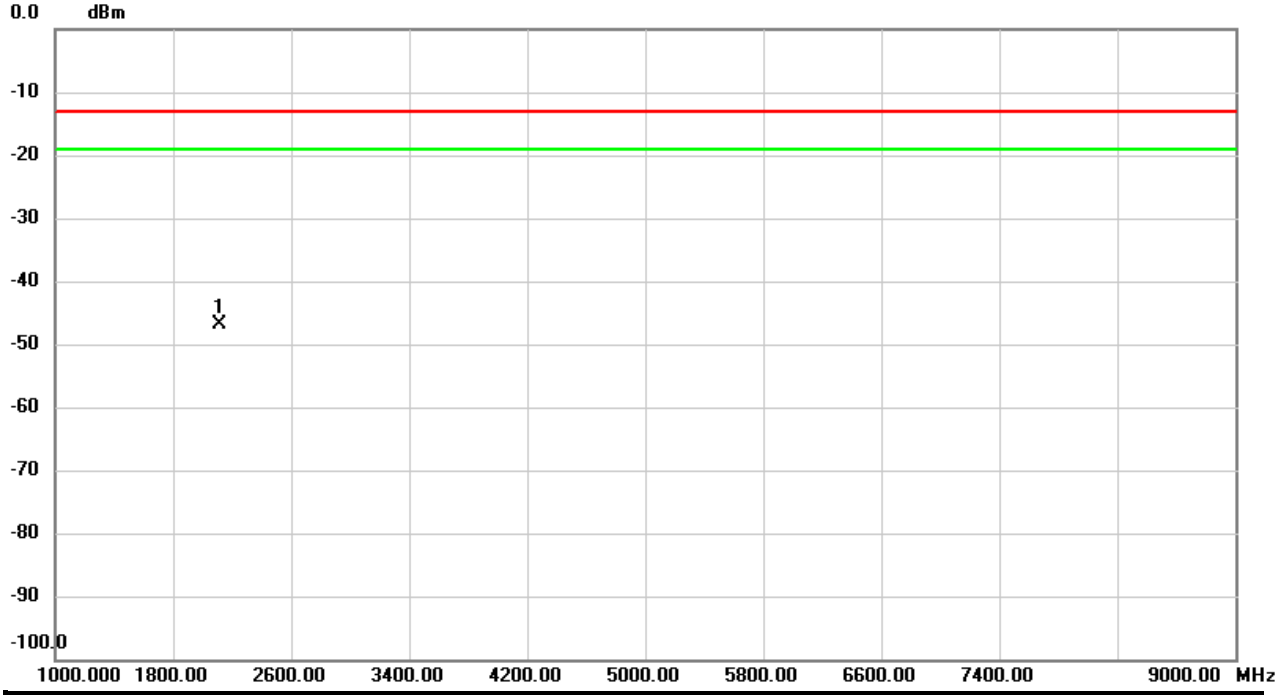
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23780	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2114.133	-55.43	6.76	-48.67	-13.00	-35.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

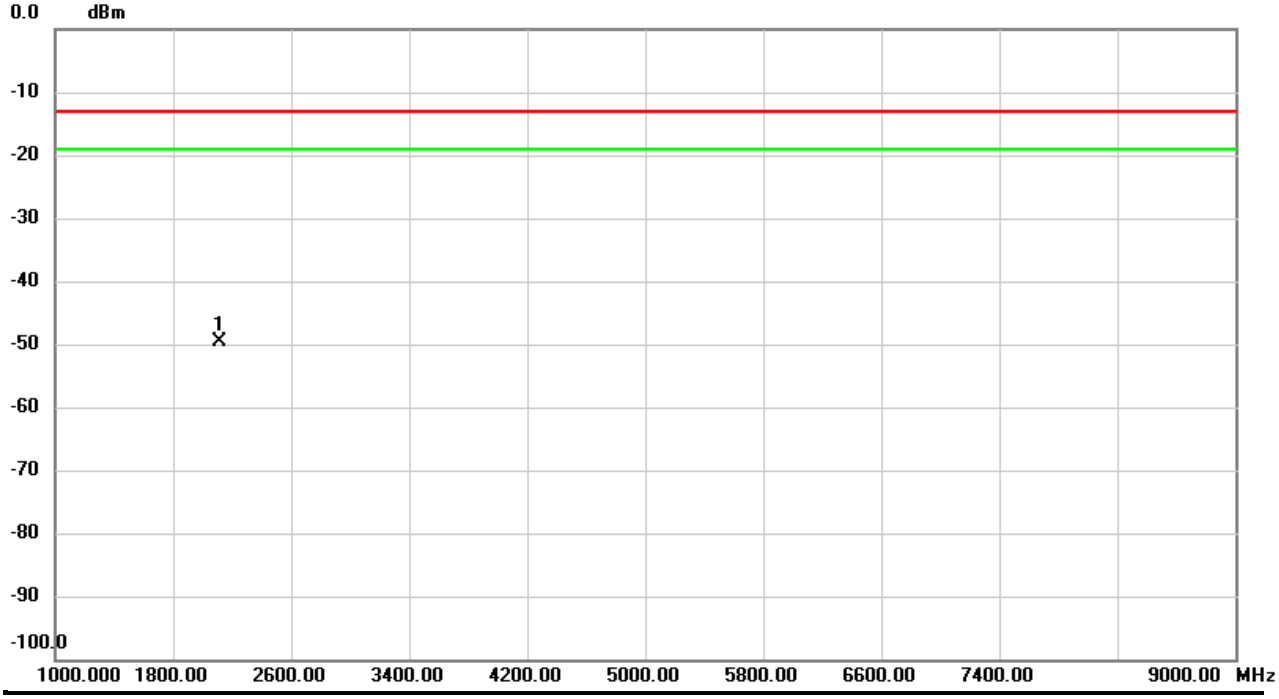
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23790	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2117.067	-54.00	7.10	-46.90	-13.00	-33.90	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

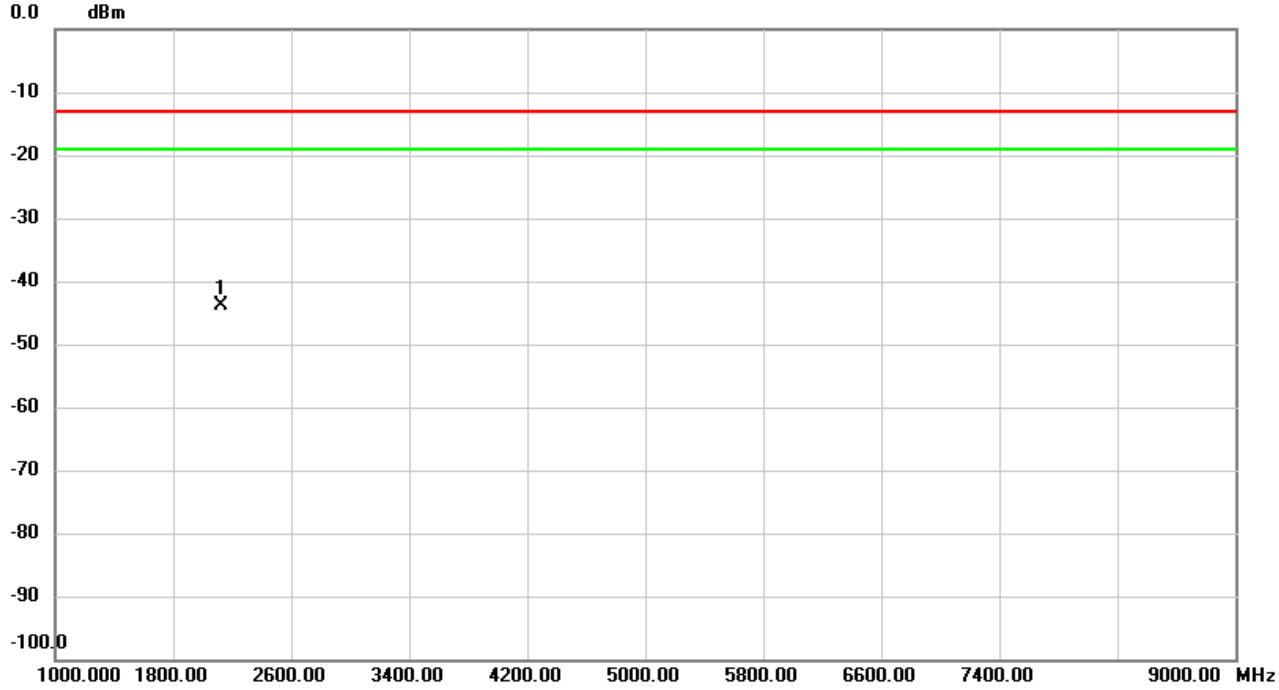
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23790	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2116.800	-56.32	6.81	-49.51	-13.00	-36.51	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

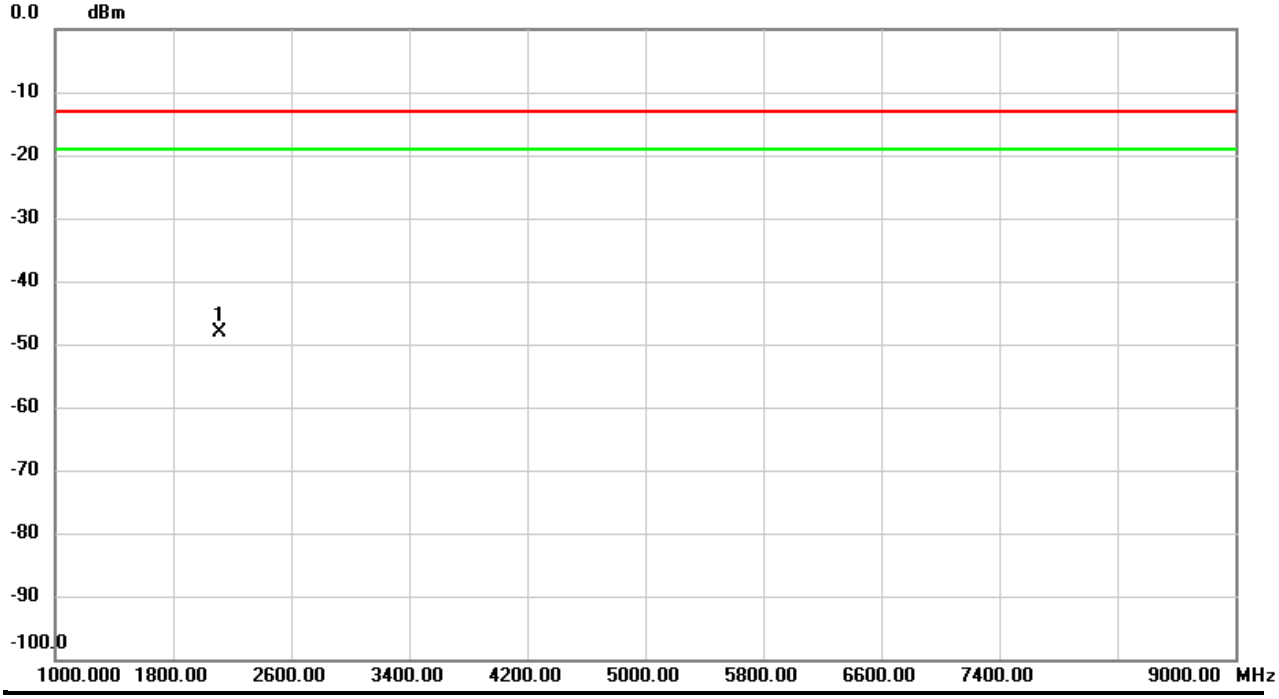
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23800	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2120.000	-51.05	7.14	-43.91	-13.00	-30.91	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

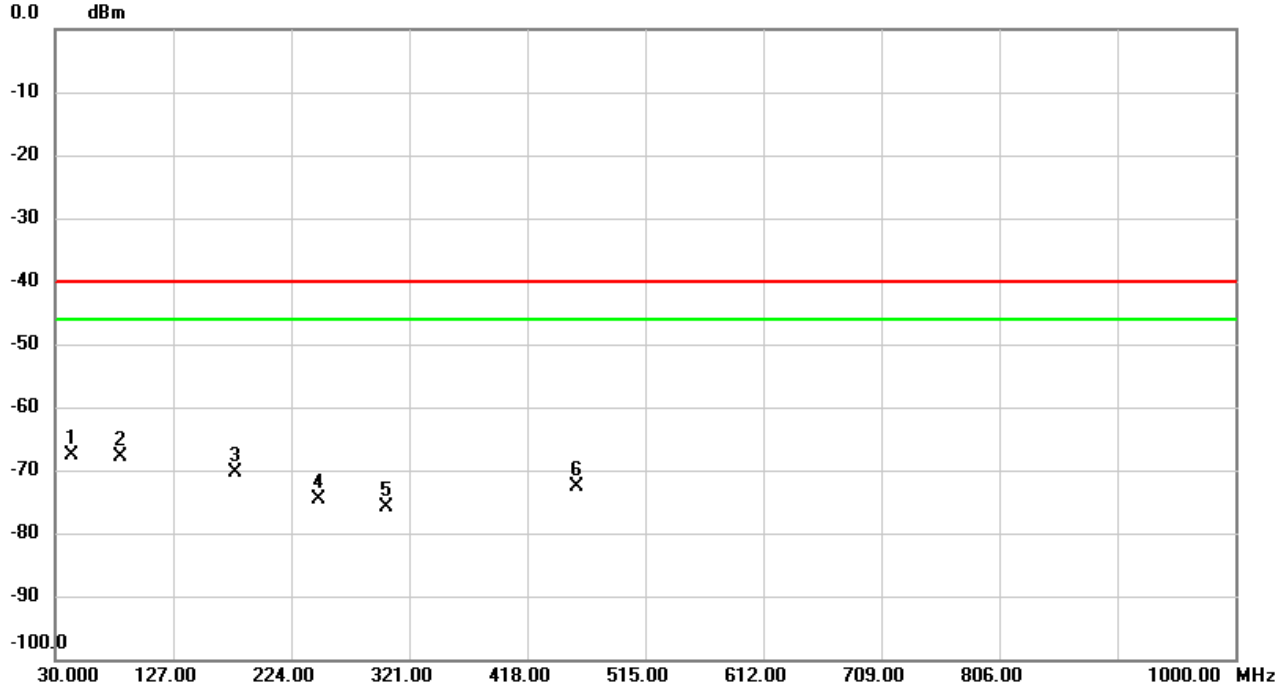
Test Mode	LTE Band 17	Test Date	2023/11/28
Test Channel	CH23800	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2119.733	-54.94	6.86	-48.08	-13.00	-35.08	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

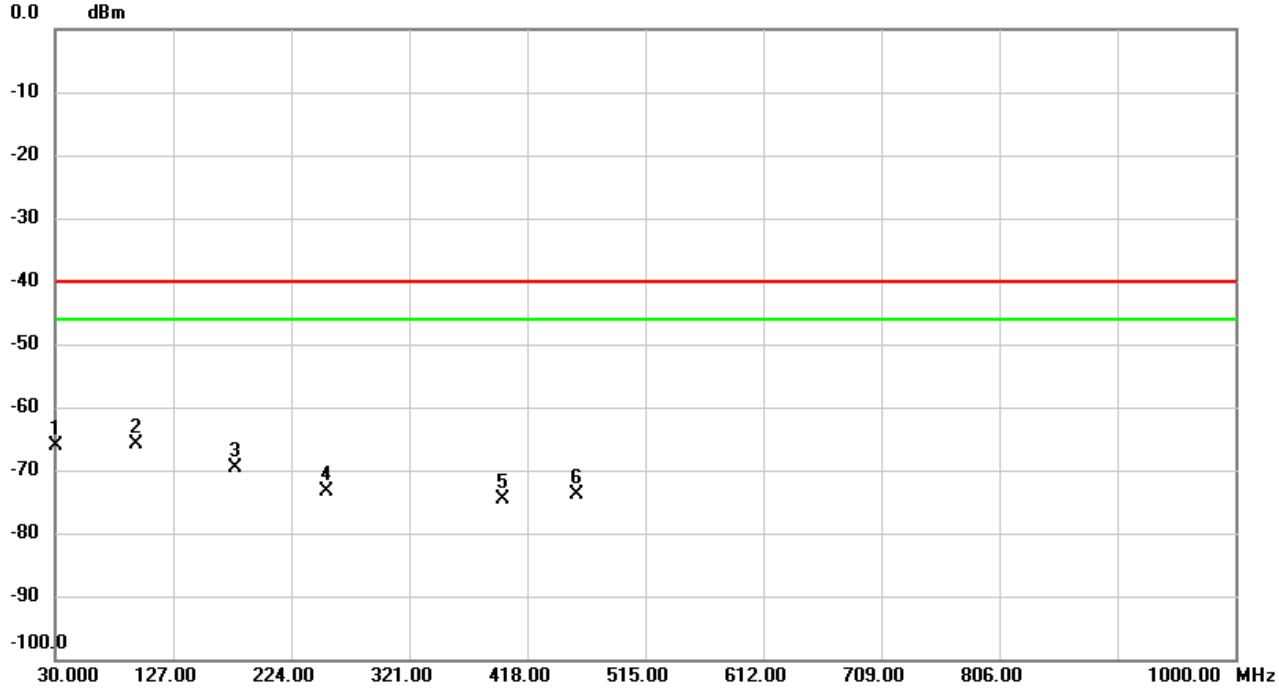
Test Mode	LTE Band 30	Test Date	2023/11/29
Test Channel	CH27710	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	43.0303	-59.06	-8.47	-67.53	-40.00	-27.53	peak	
2		84.0937	-61.97	-5.87	-67.84	-40.00	-27.84	peak	
3		178.4423	-67.71	-2.58	-70.29	-40.00	-30.29	peak	
4		246.6980	-71.78	-2.76	-74.54	-40.00	-34.54	peak	
5		301.8587	-72.56	-3.28	-75.84	-40.00	-35.84	peak	
6		458.7723	-71.60	-1.14	-72.74	-40.00	-32.74	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

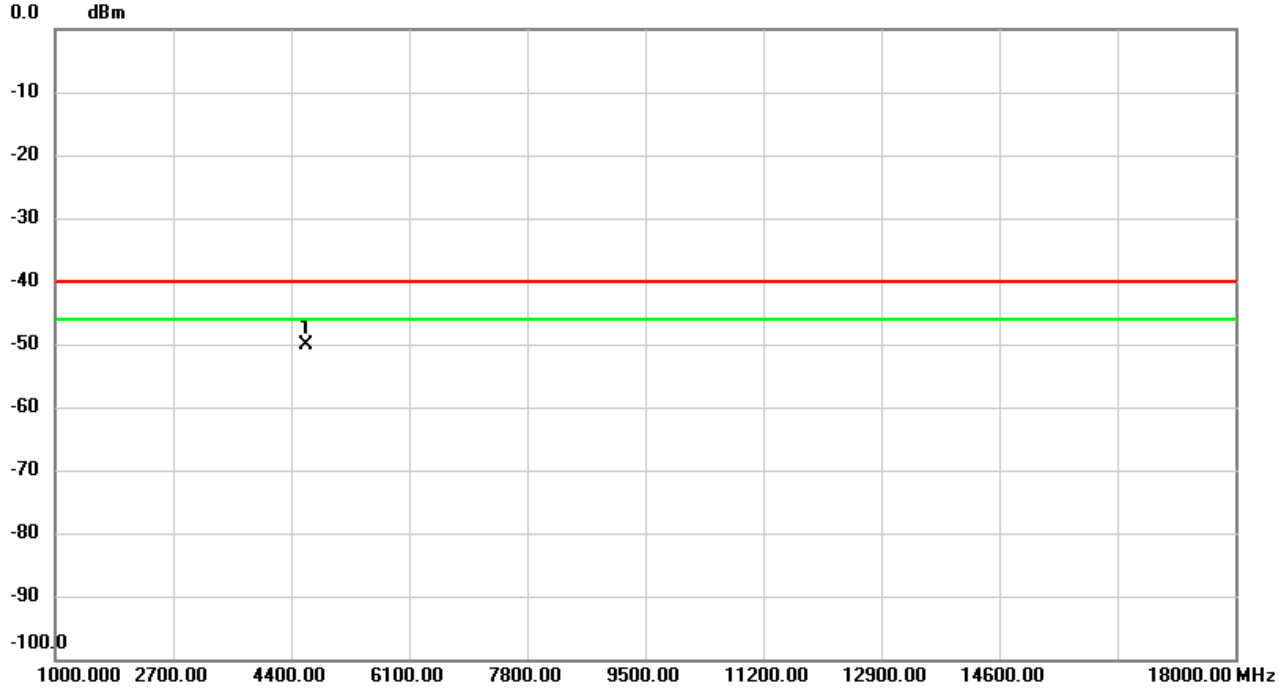
Test Mode	LTE Band 30	Test Date	2023/11/29
Test Channel	CH27710	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		30.9700	-68.85	2.76	-66.09	-40.00	-26.09	peak	
2	*	96.6713	-57.92	-7.99	-65.91	-40.00	-25.91	peak	
3		178.4100	-63.08	-6.43	-69.51	-40.00	-29.51	peak	
4		252.8737	-65.56	-7.89	-73.45	-40.00	-33.45	peak	
5		397.3713	-72.16	-2.44	-74.60	-40.00	-34.60	peak	
6		458.4490	-72.01	-1.94	-73.95	-40.00	-33.95	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

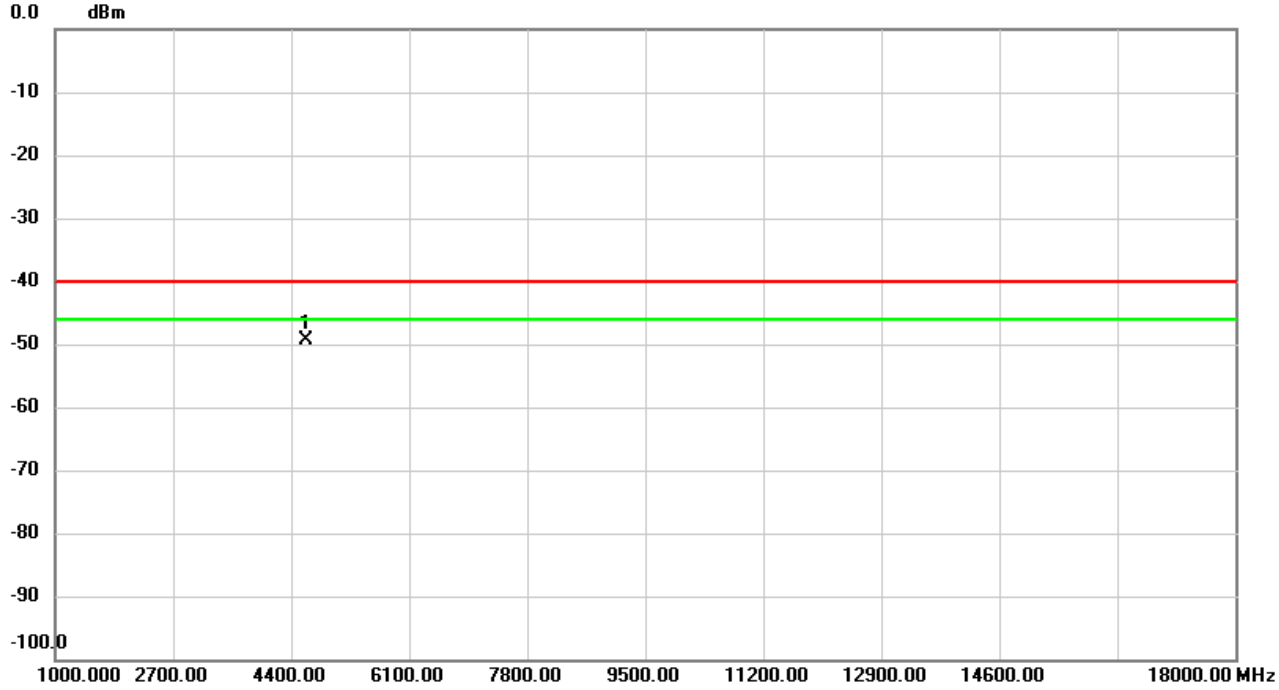
Test Mode	LTE Band 30	Test Date	2023/11/28
Test Channel	CH27710	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	4610.000	-63.26	13.12	-50.14	-40.00	-10.14	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

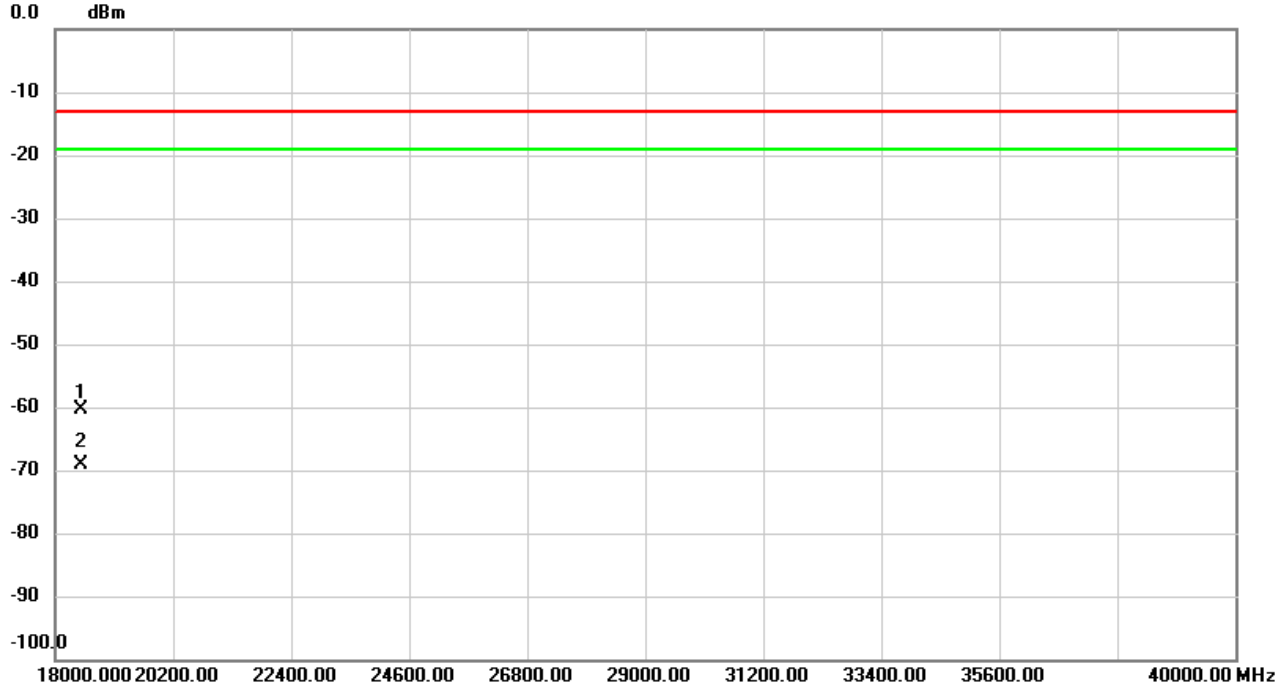
Test Mode	LTE Band 30	Test Date	2023/11/28
Test Channel	CH27710	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	4610.000	-62.45	13.11	-49.34	-40.00	-9.34	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

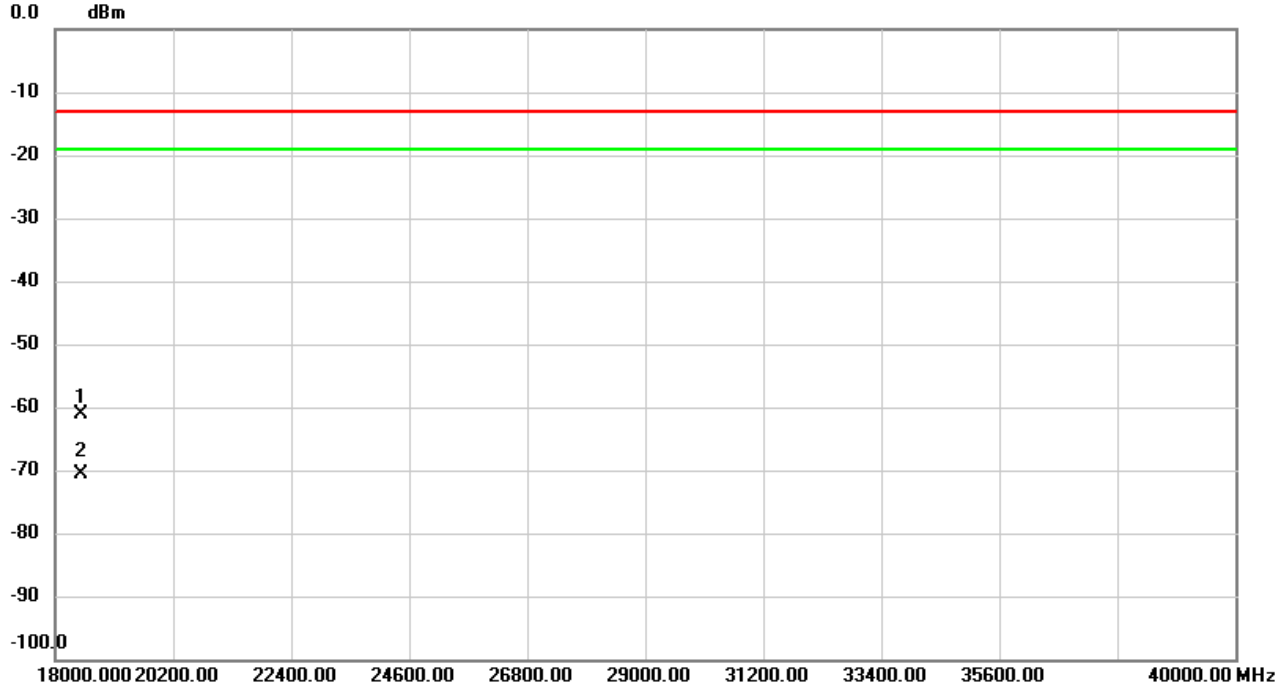
Test Mode	LTE Band 30	Test Date	2023/11/30
Test Channel	CH27710	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18480.00	-54.63	-5.79	-60.42	-13.00	-47.42	peak	
2		18480.00	-63.38	-5.79	-69.17	-13.00	-56.17	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

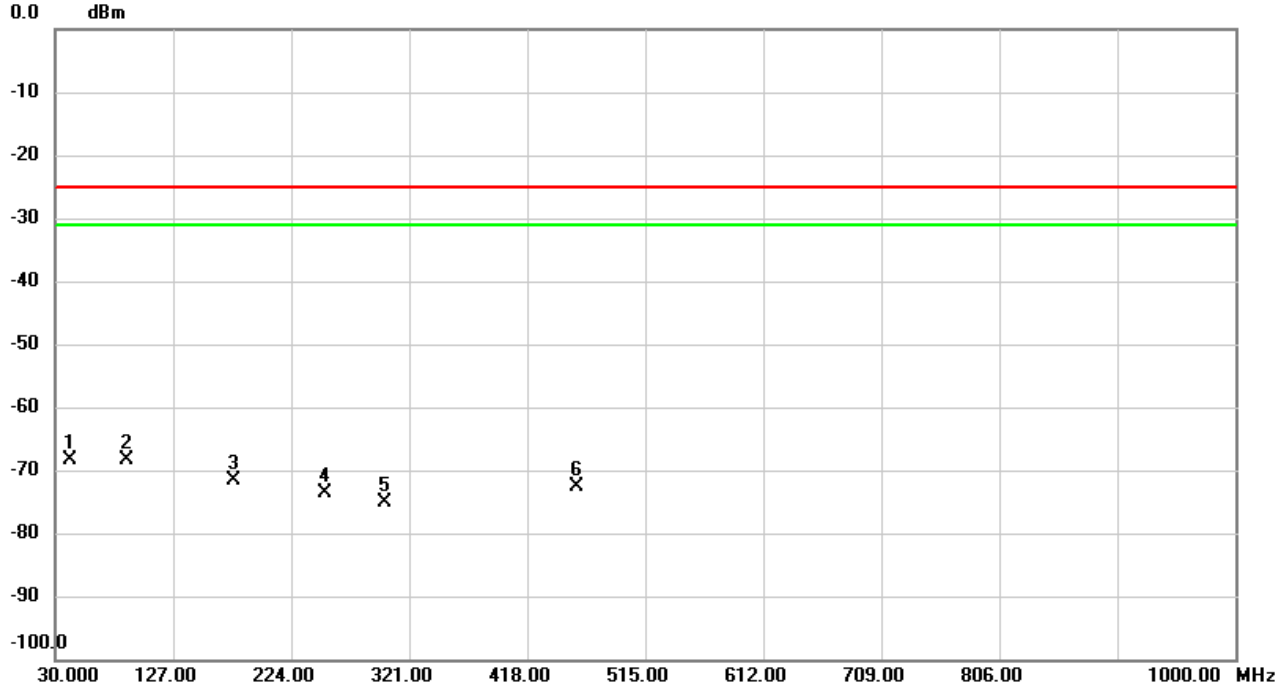
Test Mode	LTE Band 30	Test Date	2023/11/30
Test Channel	CH27710	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18480.00	-55.38	-5.79	-61.17	-13.00	-48.17	peak	
2		18480.00	-64.83	-5.79	-70.62	-13.00	-57.62	AVG	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

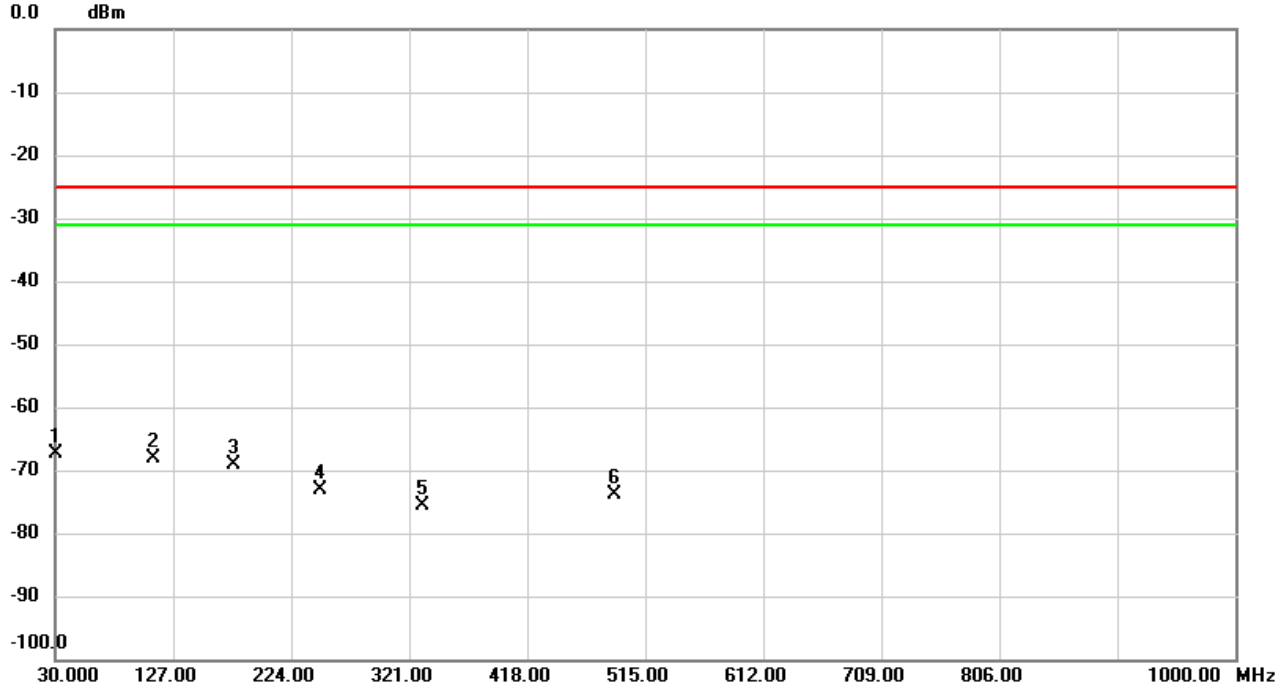
Test Mode	LTE Band 38	Test Date	2023/11/29
Test Channel	CH38150	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	41.6722	-59.86	-8.43	-68.29	-25.00	-43.29	peak	
2		89.0083	-62.78	-5.62	-68.40	-25.00	-43.40	peak	
3		177.0843	-69.08	-2.47	-71.55	-25.00	-46.55	peak	
4		251.1600	-70.56	-2.98	-73.54	-25.00	-48.54	peak	
5		300.8563	-71.94	-3.29	-75.23	-25.00	-50.23	peak	
6		458.2873	-71.49	-1.15	-72.64	-25.00	-47.64	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

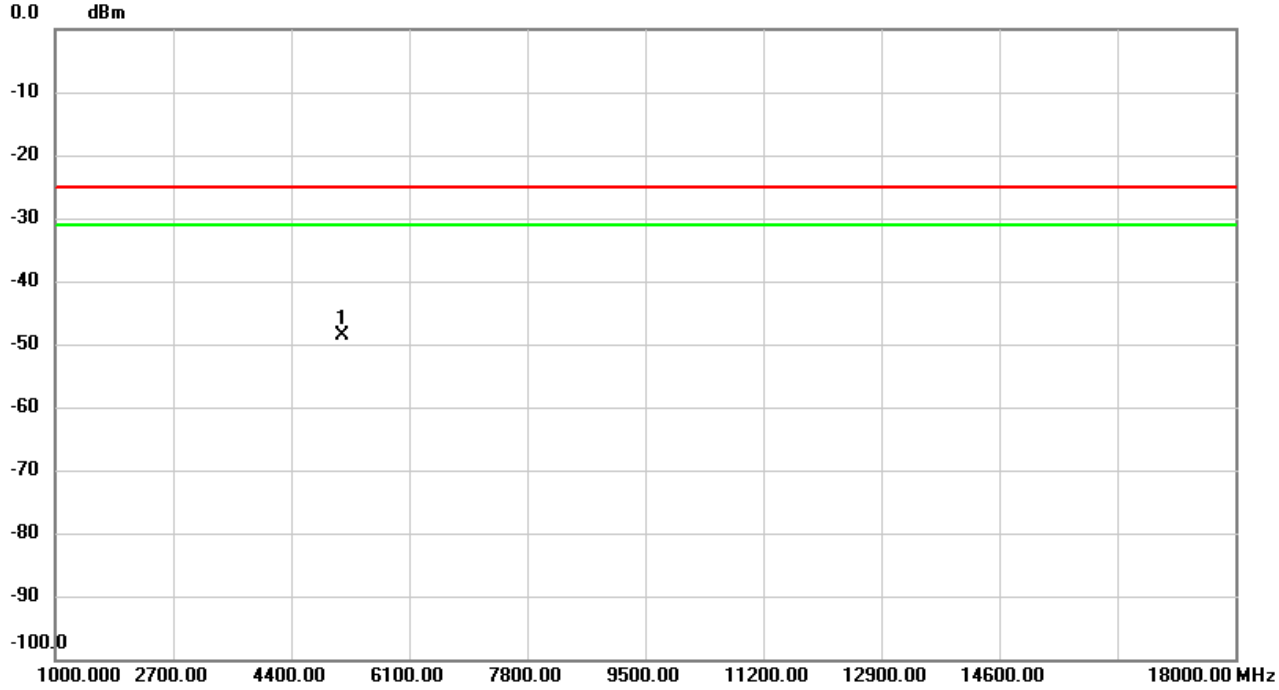
Test Mode	LTE Band 38	Test Date	2023/11/29
Test Channel	CH38150	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	31.0993	-70.17	2.75	-67.42	-25.00	-42.42	peak	
2		110.8333	-60.12	-8.06	-68.18	-25.00	-43.18	peak	
3		177.4077	-62.78	-6.33	-69.11	-25.00	-44.11	peak	
4		247.8943	-65.16	-8.03	-73.19	-25.00	-48.19	peak	
5		332.1873	-71.83	-3.87	-75.70	-25.00	-50.70	peak	
6		489.2303	-72.27	-1.66	-73.93	-25.00	-48.93	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

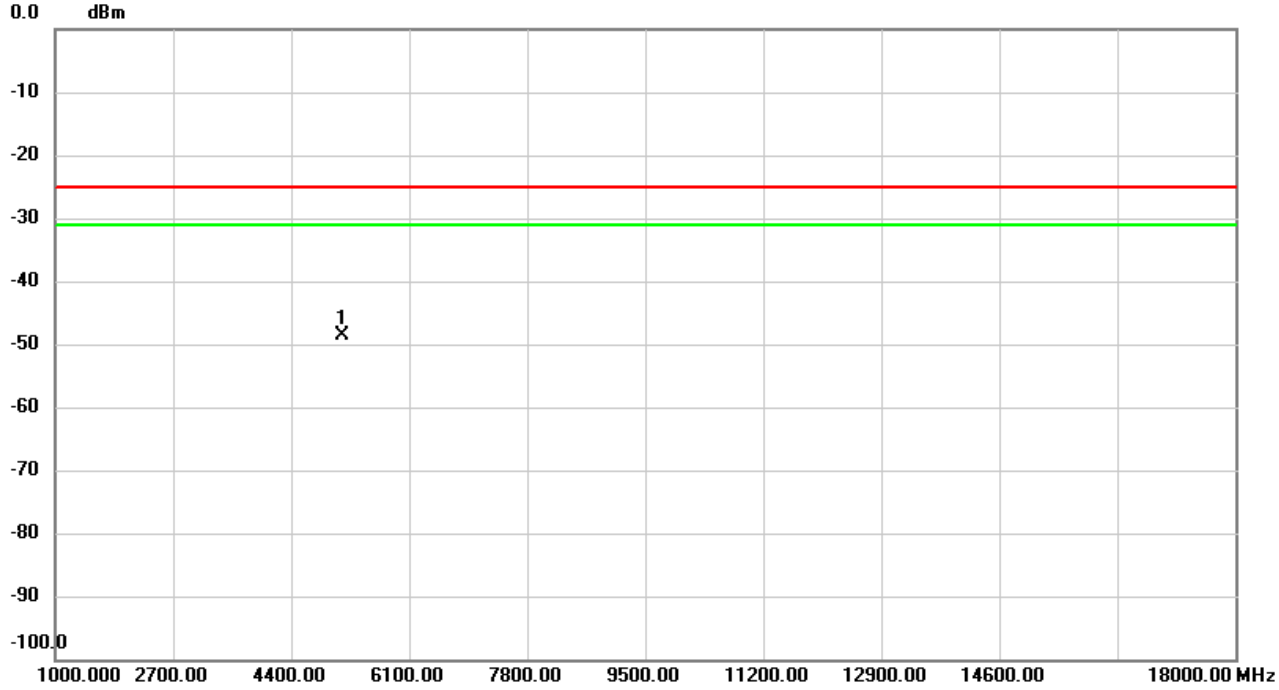
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH37850	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5140.000	-62.44	13.77	-48.67	-25.00	-23.67	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

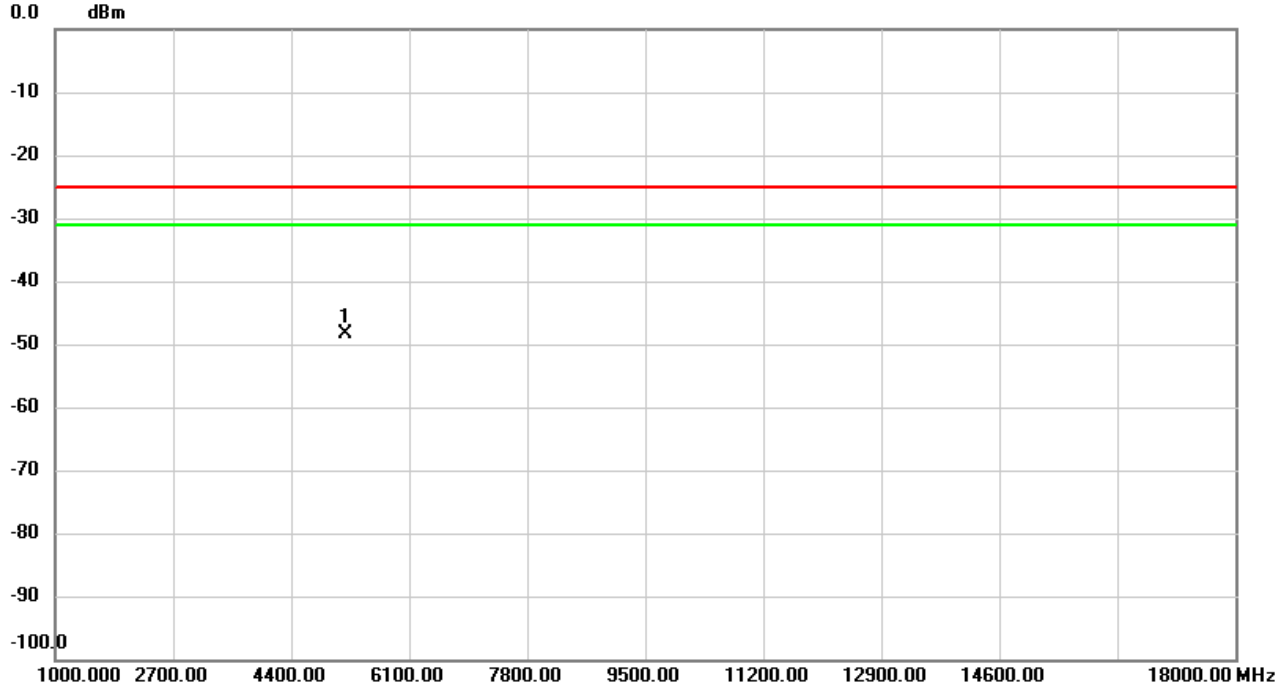
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH37850	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5140.000	-62.66	13.97	-48.69	-25.00	-23.69	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

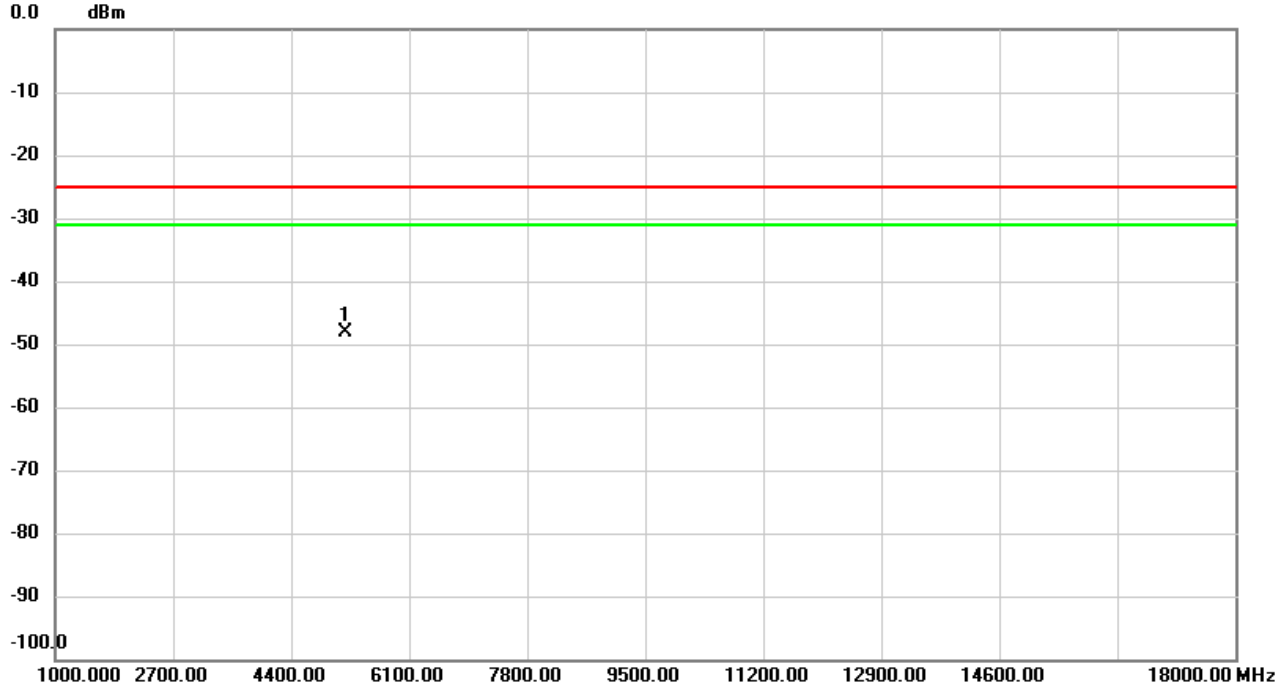
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH38000	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5190.000	-61.77	13.41	-48.36	-25.00	-23.36	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

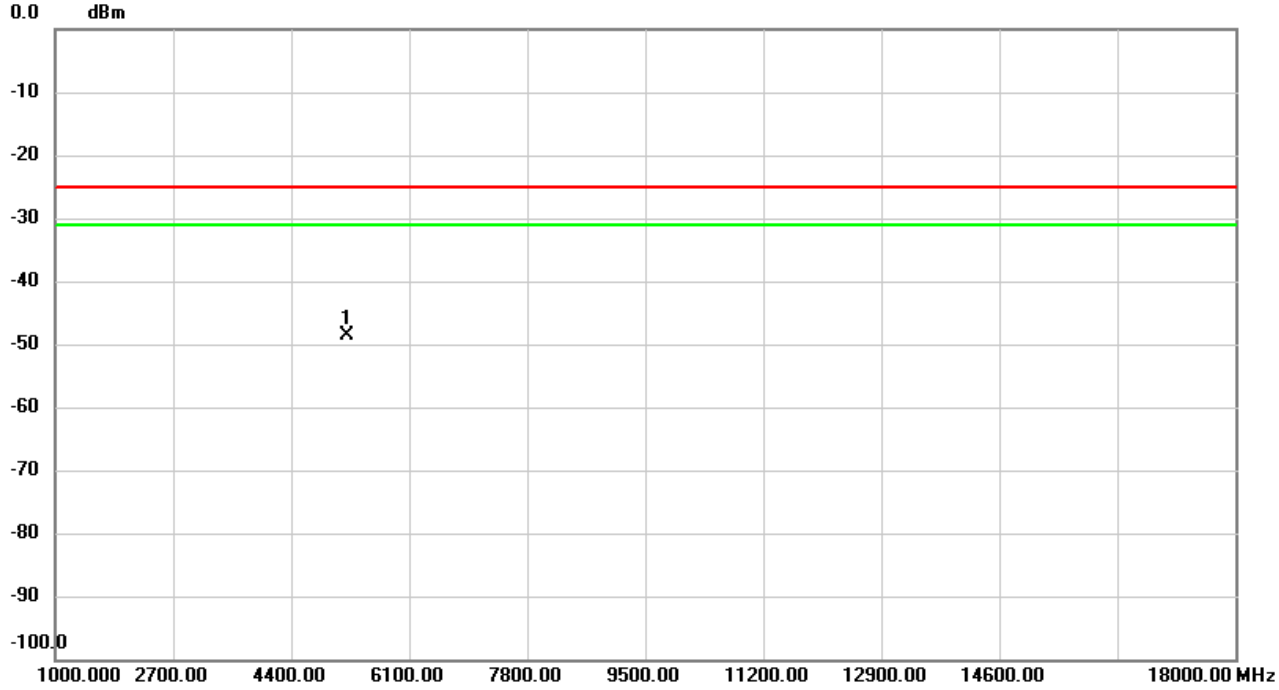
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH38000	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5190.000	-61.71	13.59	-48.12	-25.00	-23.12	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

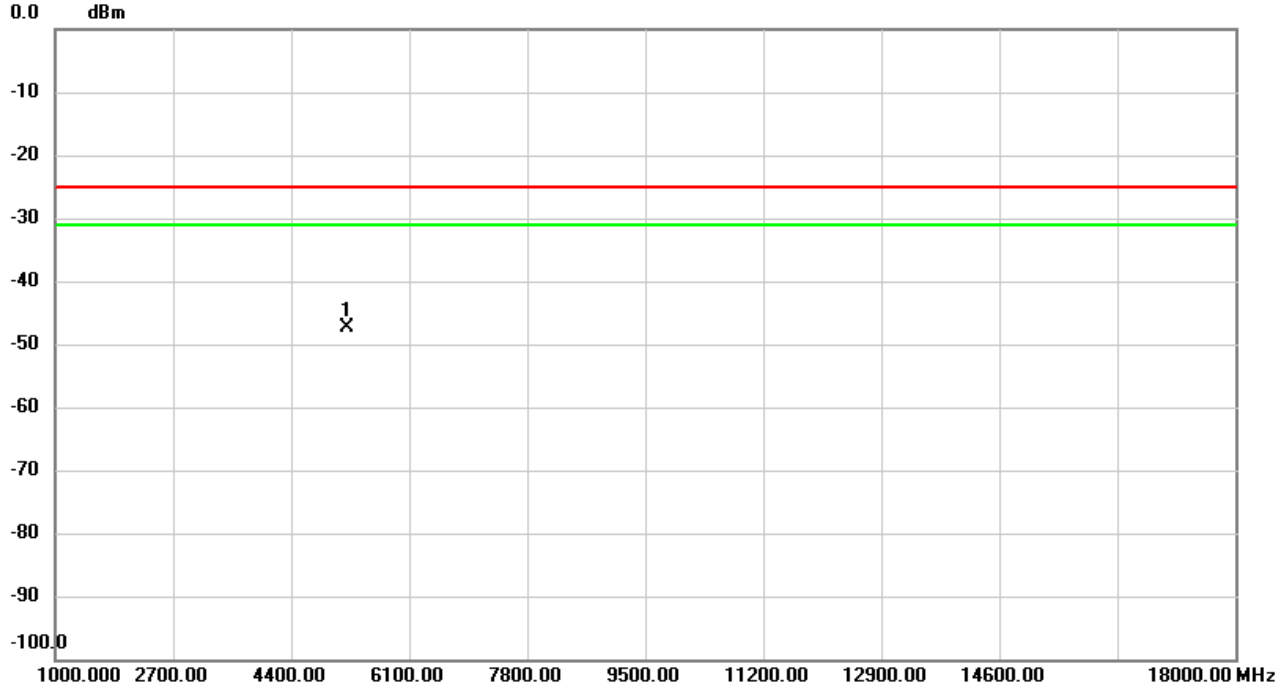
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH38150	Polarization	Vertical
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5200.000	-61.94	13.32	-48.62	-25.00	-23.62	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

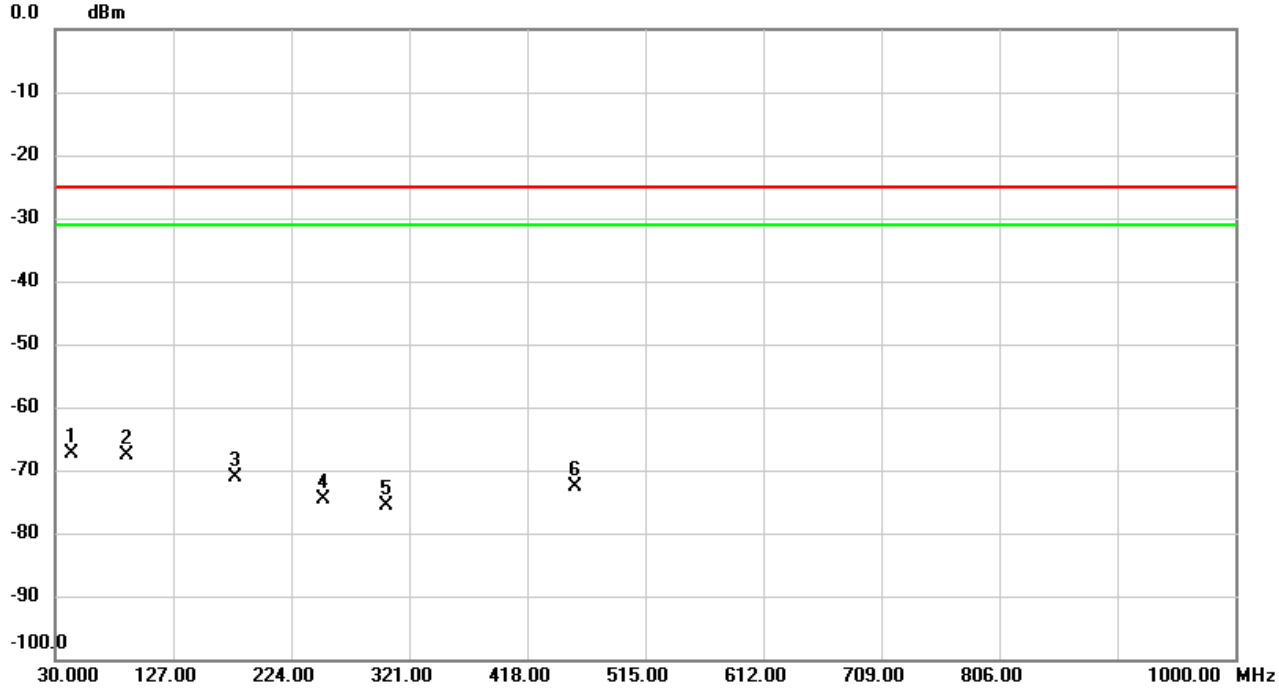
Test Mode	LTE Band 38	Test Date	2023/11/28
Test Channel	CH38150	Polarization	Horizontal
Temp	22°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5200.000	-60.82	13.49	-47.33	-25.00	-22.33	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

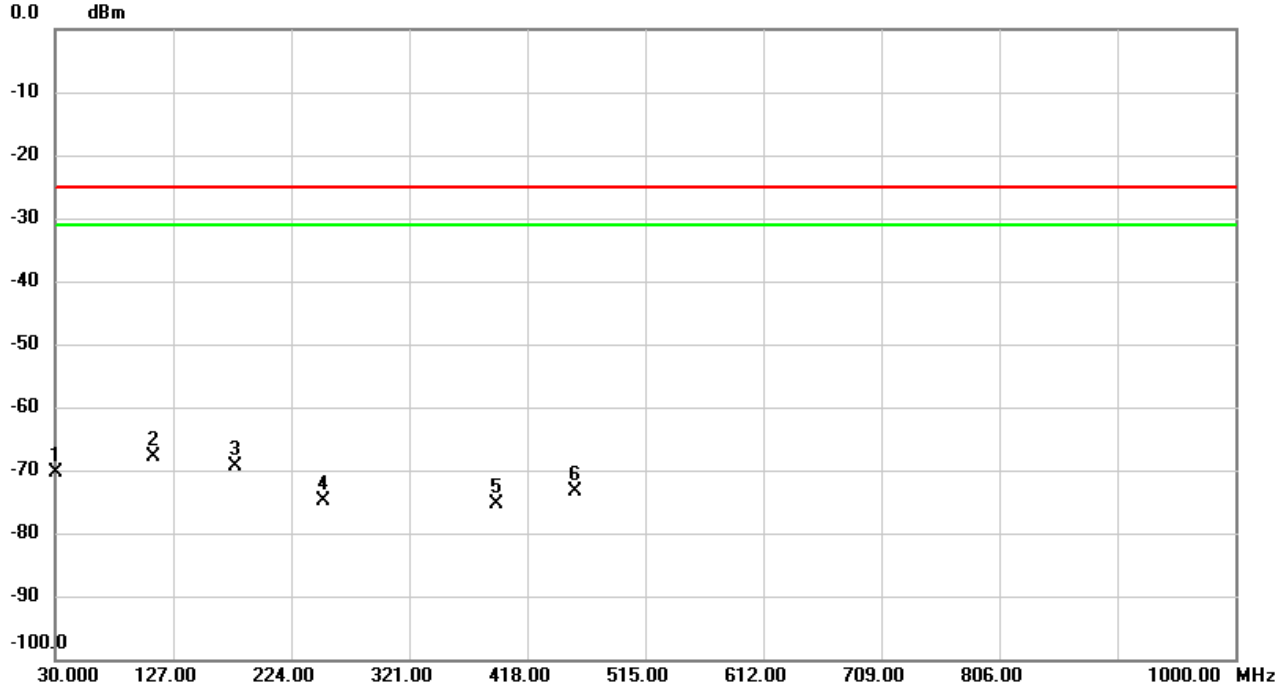
Test Mode	LTE Band 41	Test Date	2023/11/29
Test Channel	CH40620	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	43.6447	-58.82	-8.49	-67.31	-25.00	-42.31	peak	
2		89.1700	-61.96	-5.61	-67.57	-25.00	-42.57	peak	
3		177.8603	-68.60	-2.53	-71.13	-25.00	-46.13	peak	
4		249.9637	-71.64	-2.97	-74.61	-25.00	-49.61	peak	
5		301.8910	-72.37	-3.28	-75.65	-25.00	-50.65	peak	
6		457.9640	-71.56	-1.16	-72.72	-25.00	-47.72	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

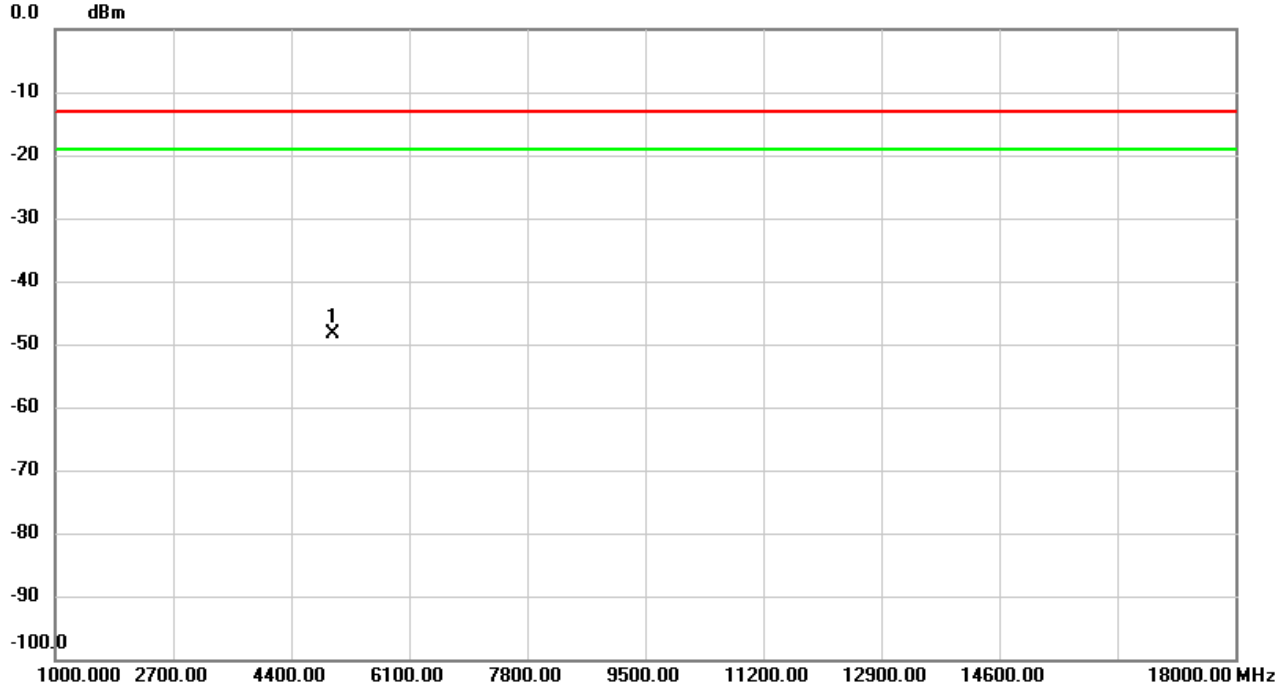
Test Mode	LTE Band 41	Test Date	2023/11/29
Test Channel	CH40620	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		31.0670	-73.22	2.75	-70.47	-25.00	-45.47	peak	
2	*	110.2837	-59.75	-8.11	-67.86	-25.00	-42.86	peak	
3		177.8926	-62.97	-6.38	-69.35	-25.00	-44.35	peak	
4		249.9637	-66.97	-8.00	-74.97	-25.00	-49.97	peak	
5		392.2303	-72.79	-2.46	-75.25	-25.00	-50.25	peak	
6		457.9963	-71.52	-1.95	-73.47	-25.00	-48.47	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

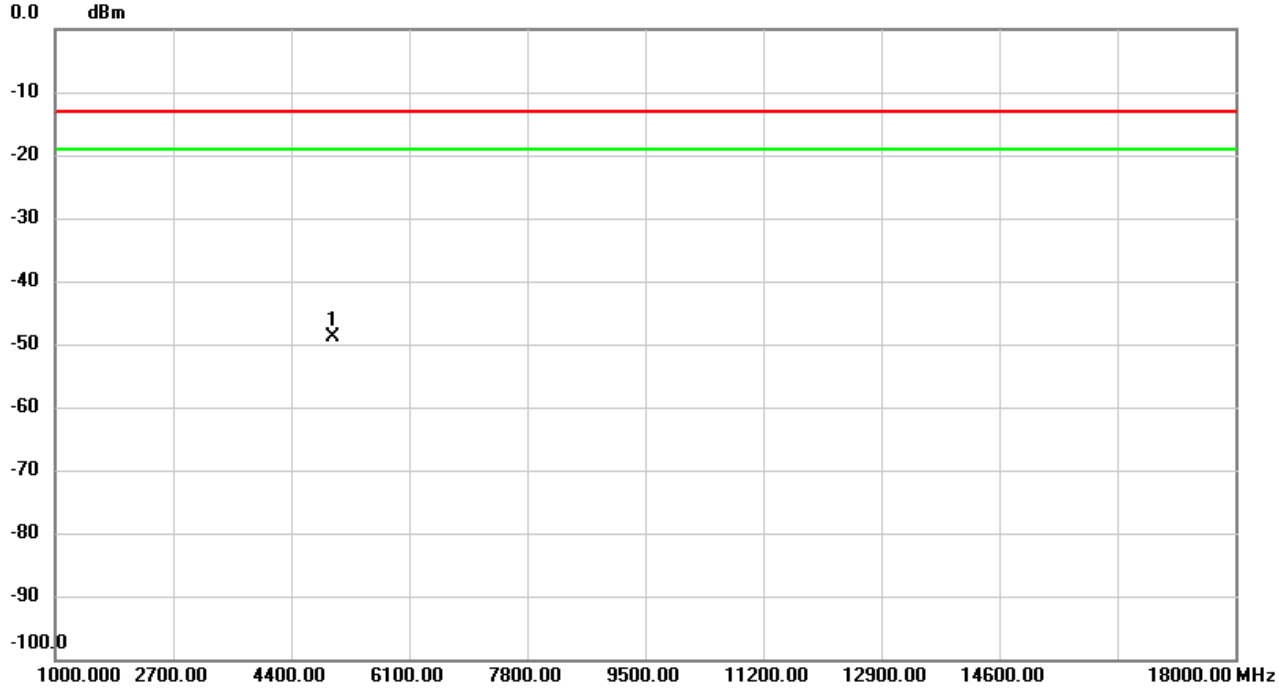
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH39750	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	4992.000	-61.73	13.43	-48.30	-13.00	-35.30	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

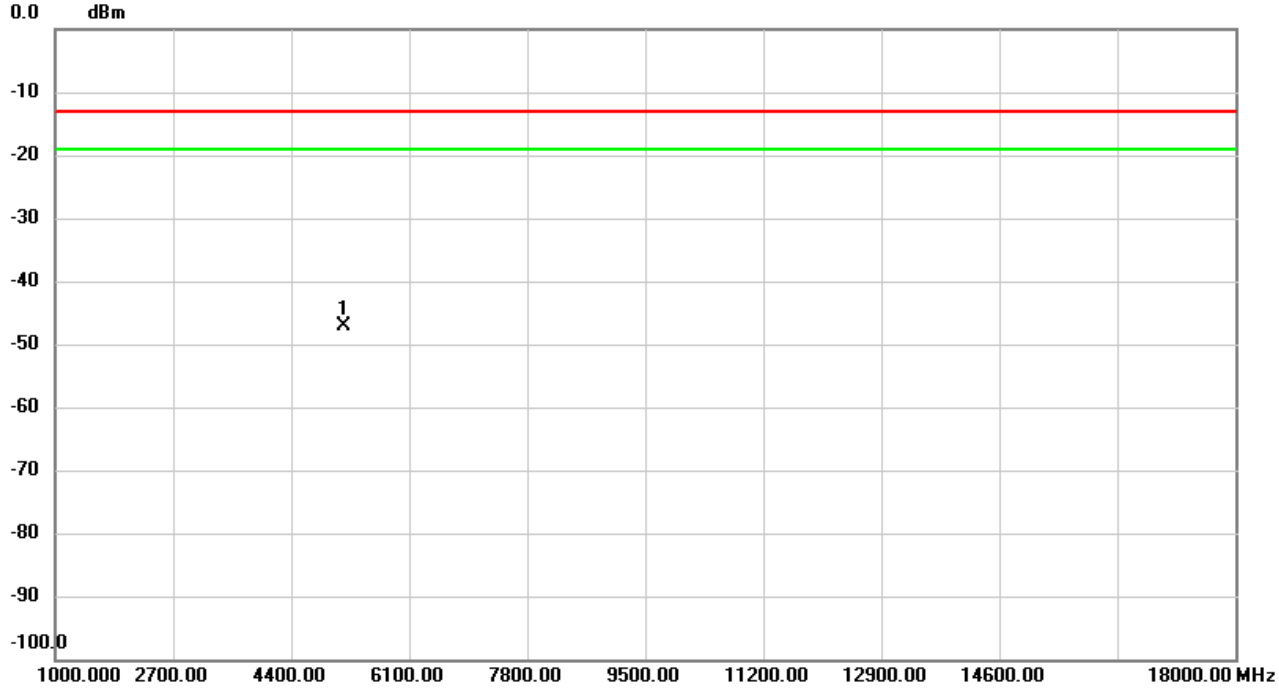
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH39750	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	4992.000	-62.37	13.39	-48.98	-13.00	-35.98	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

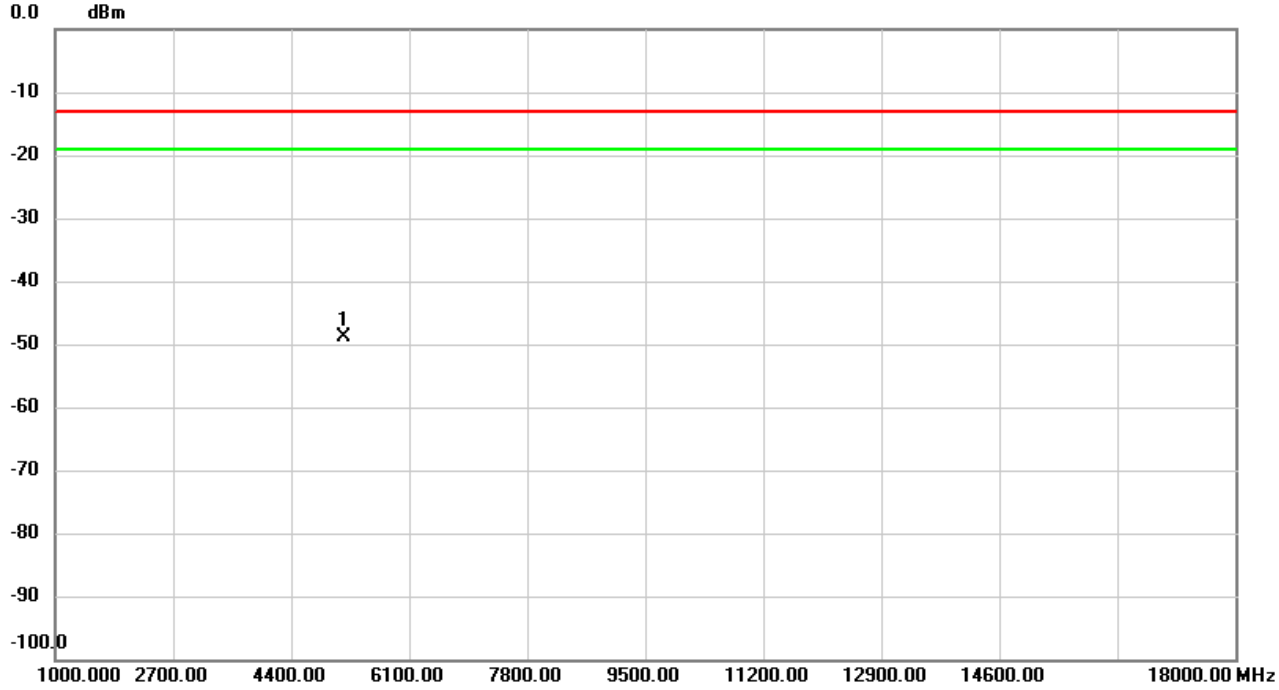
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5166.000	-60.71	13.61	-47.10	-13.00	-34.10	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

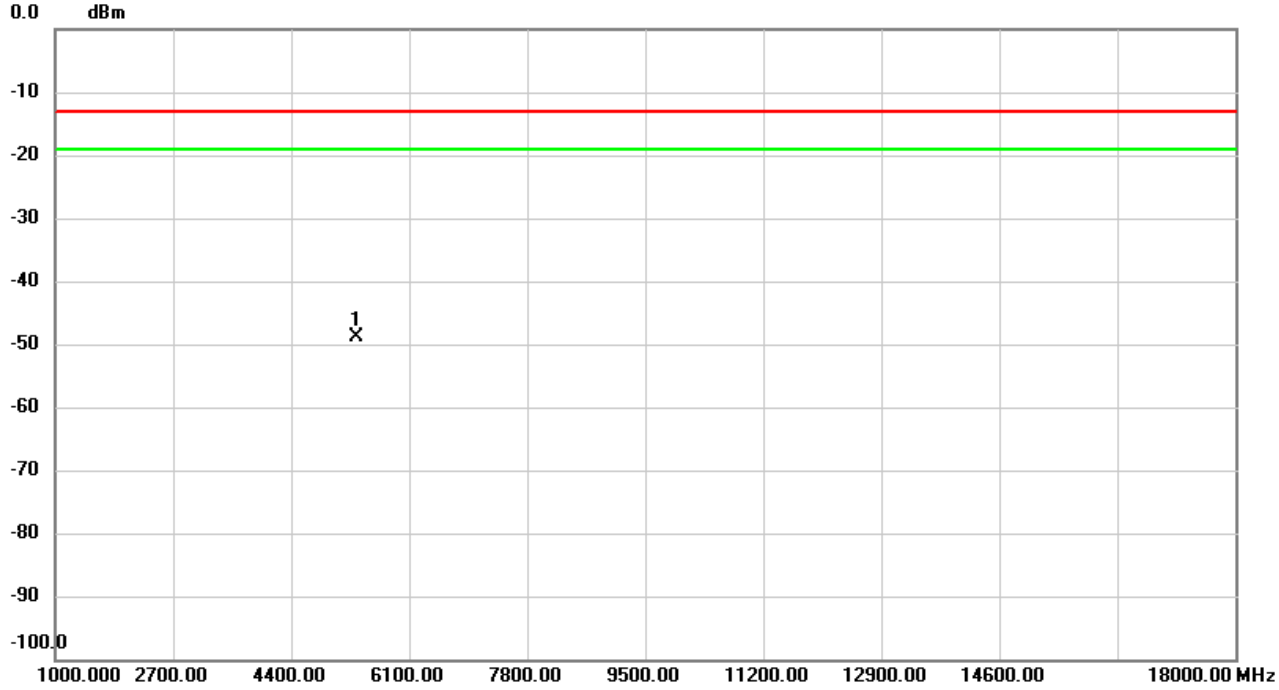
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5166.000	-62.70	13.84	-48.86	-13.00	-35.86	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

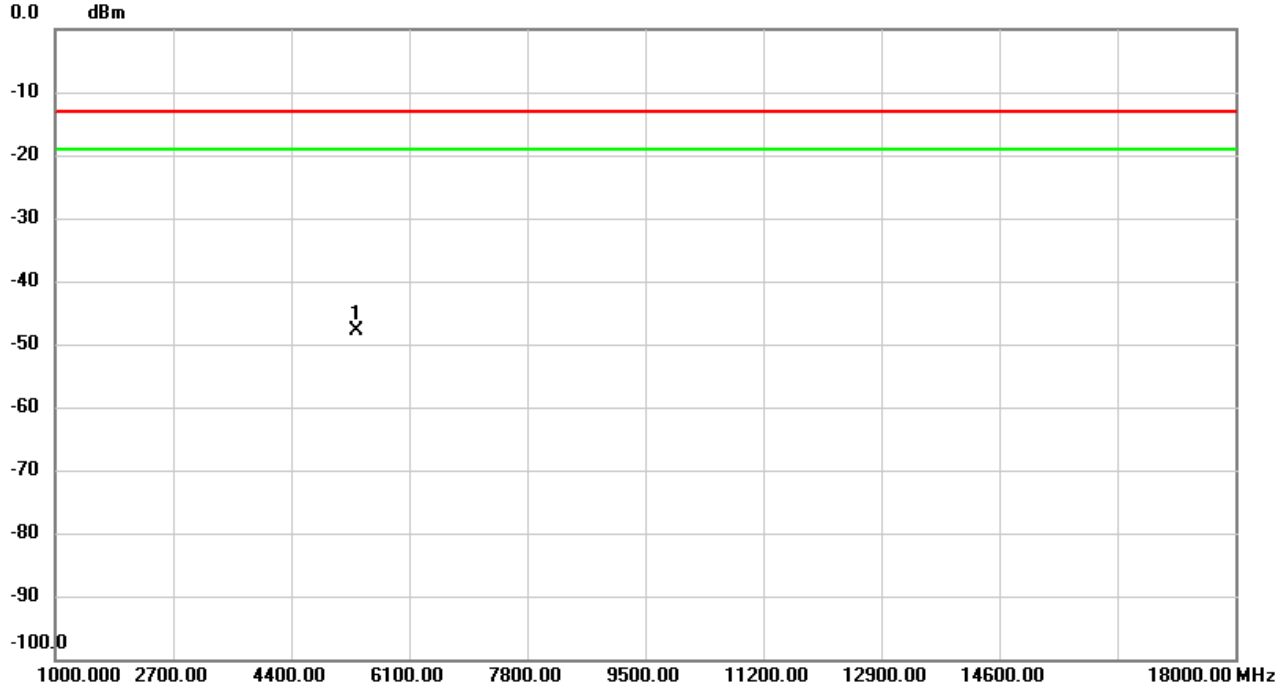
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH41490	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5340.000	-62.89	13.95	-48.94	-13.00	-35.94	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

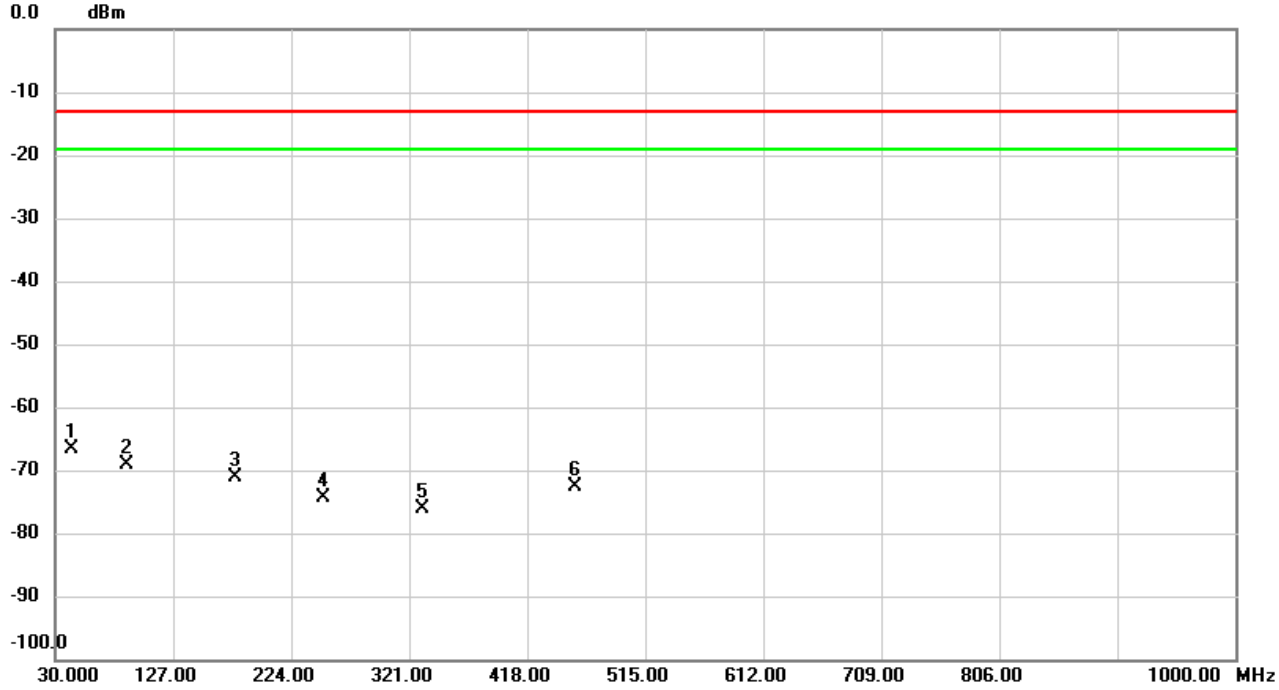
Test Mode	LTE Band 41	Test Date	2023/11/27
Test Channel	CH41490	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5340.000	-61.61	13.85	-47.76	-13.00	-34.76	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

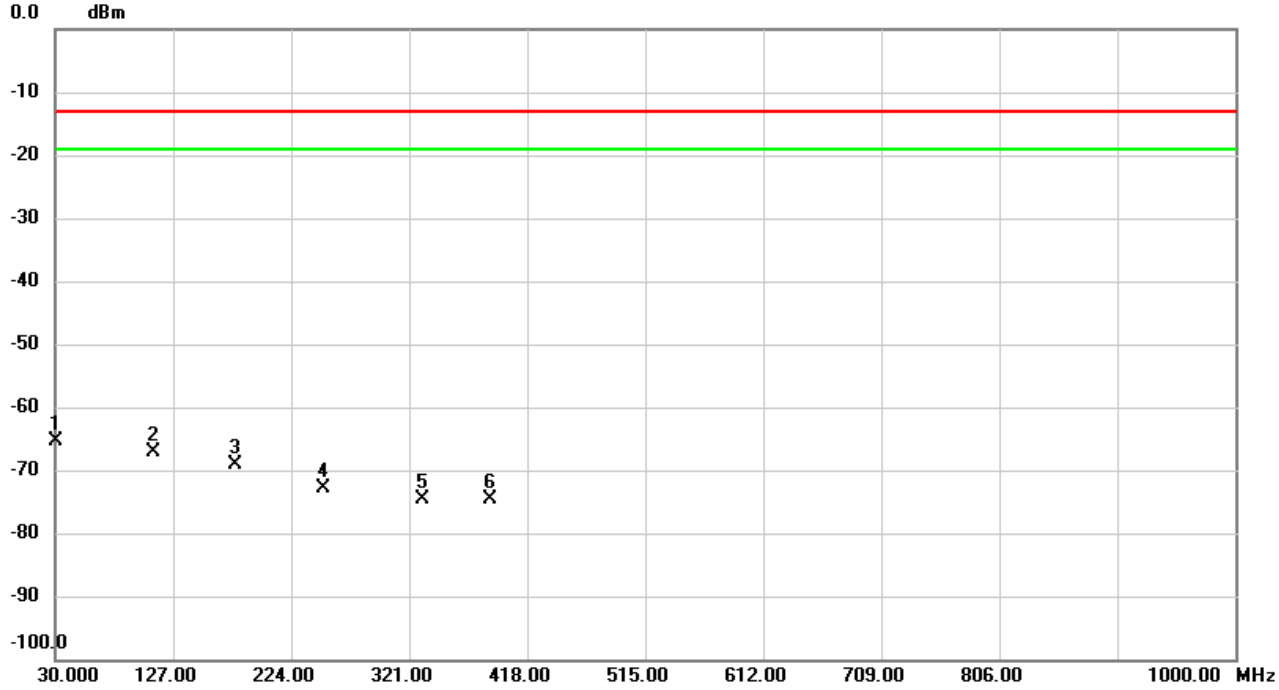
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132322	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	43.6447	-58.07	-8.49	-66.56	-13.00	-53.56	peak	
2		88.4910	-63.52	-5.65	-69.17	-13.00	-56.17	peak	
3		177.7633	-68.55	-2.52	-71.07	-13.00	-58.07	peak	
4		249.9960	-71.43	-2.97	-74.40	-13.00	-61.40	peak	
5		332.3813	-73.25	-2.98	-76.23	-13.00	-63.23	peak	
6		457.7700	-71.48	-1.17	-72.65	-13.00	-59.65	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

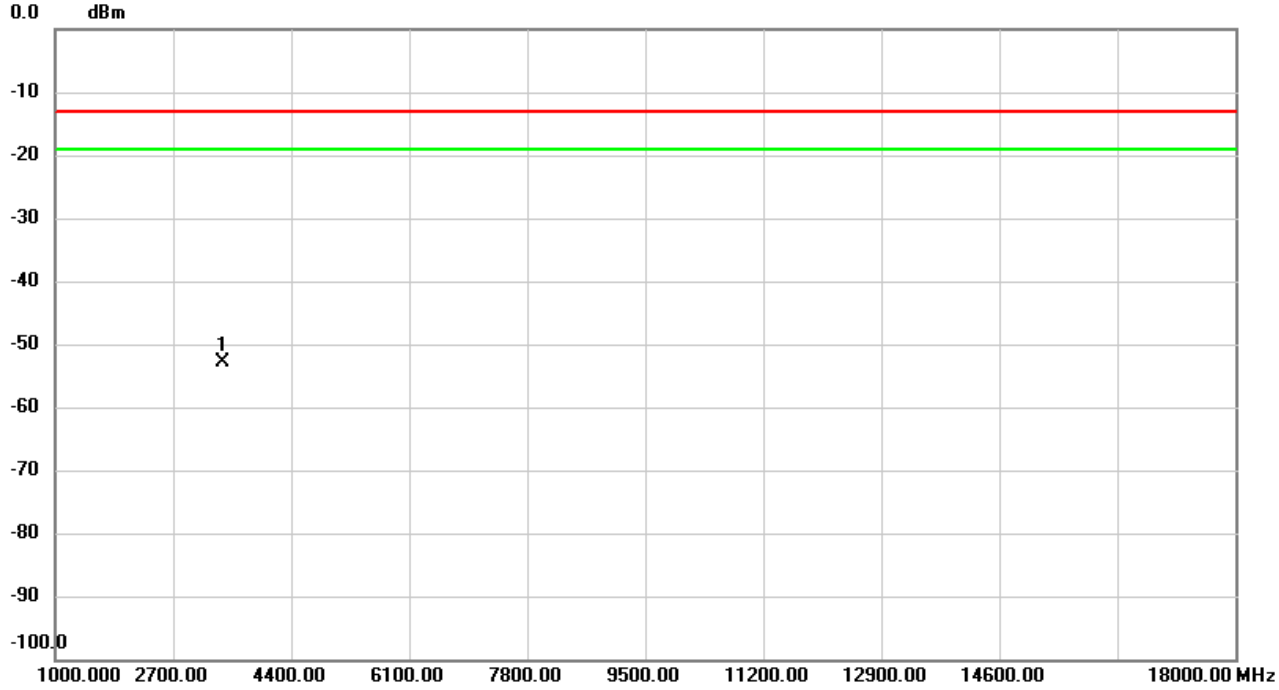
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132322	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.9700	-68.03	2.76	-65.27	-13.00	-52.27	peak	
2		110.2190	-58.92	-8.11	-67.03	-13.00	-54.03	peak	
3		178.3776	-62.63	-6.43	-69.06	-13.00	-56.06	peak	
4		250.0283	-64.90	-8.00	-72.90	-13.00	-59.90	peak	
5		331.9932	-70.62	-3.89	-74.51	-13.00	-61.51	peak	
6		387.8330	-72.16	-2.48	-74.64	-13.00	-61.64	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

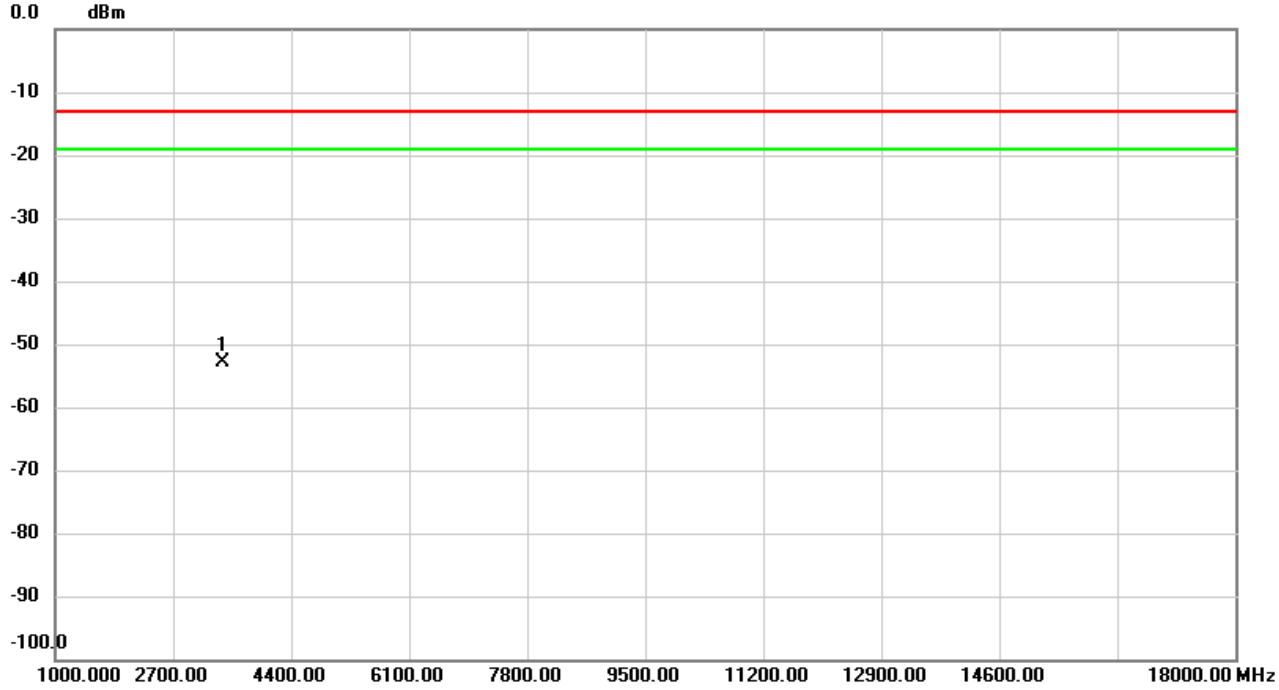
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132072	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3420.000	-62.88	9.93	-52.95	-13.00	-39.95	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

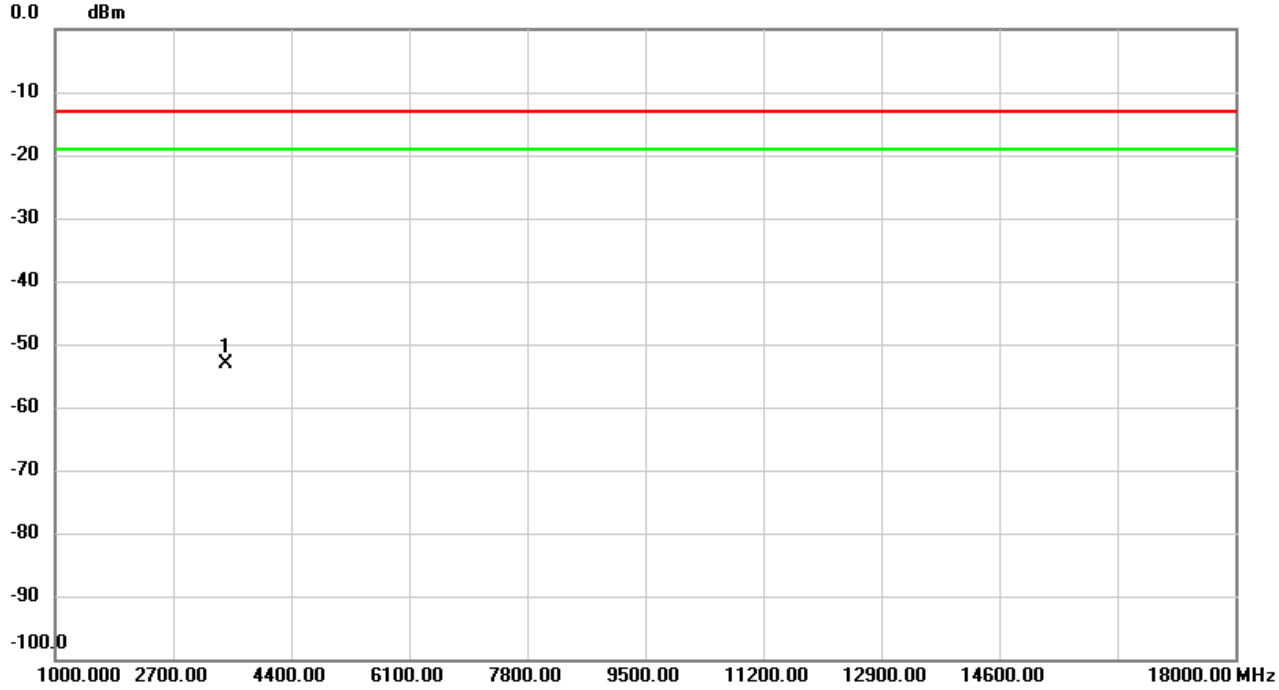
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132072	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3420.000	-62.59	9.77	-52.82	-13.00	-39.82	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

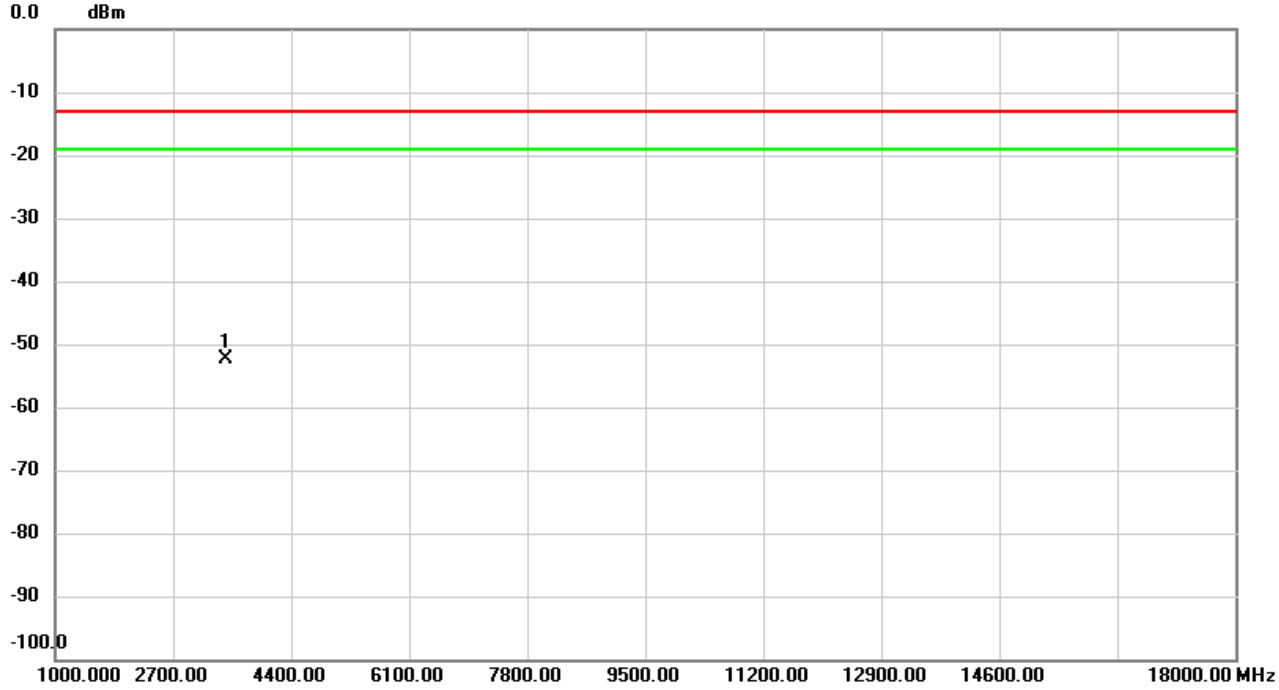
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132322	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3470.000	-63.24	10.15	-53.09	-13.00	-40.09	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

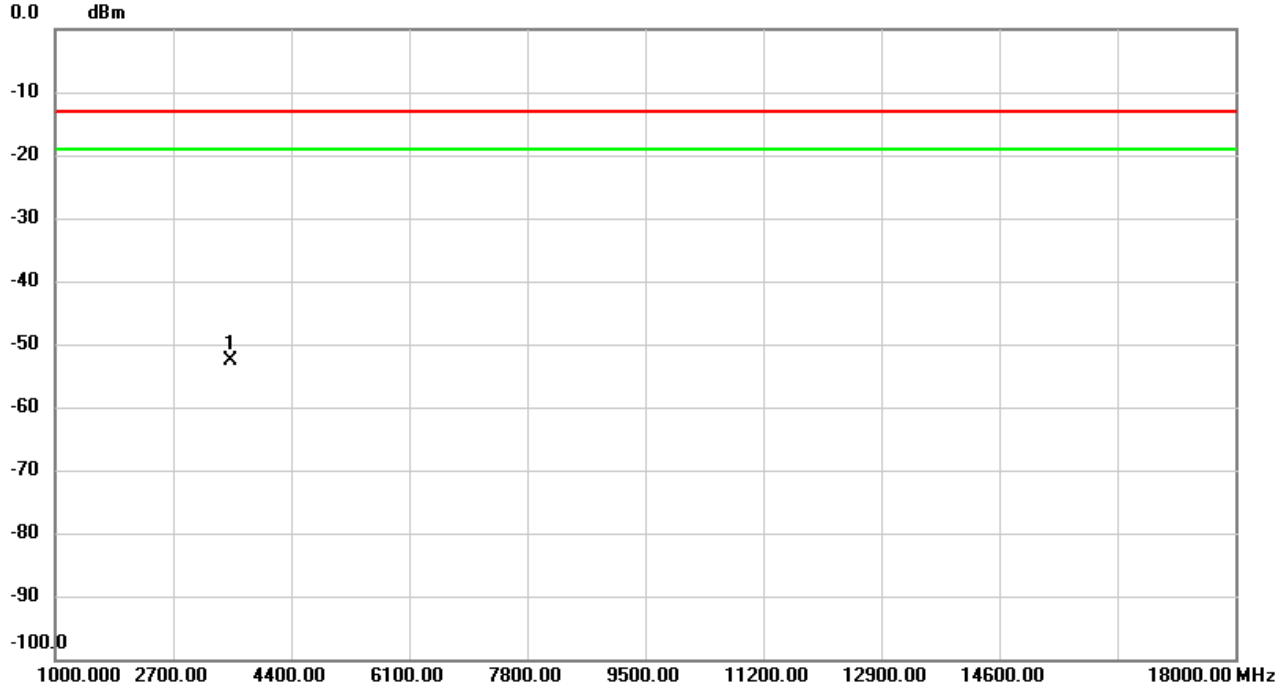
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132322	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3470.000	-62.40	10.12	-52.28	-13.00	-39.28	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

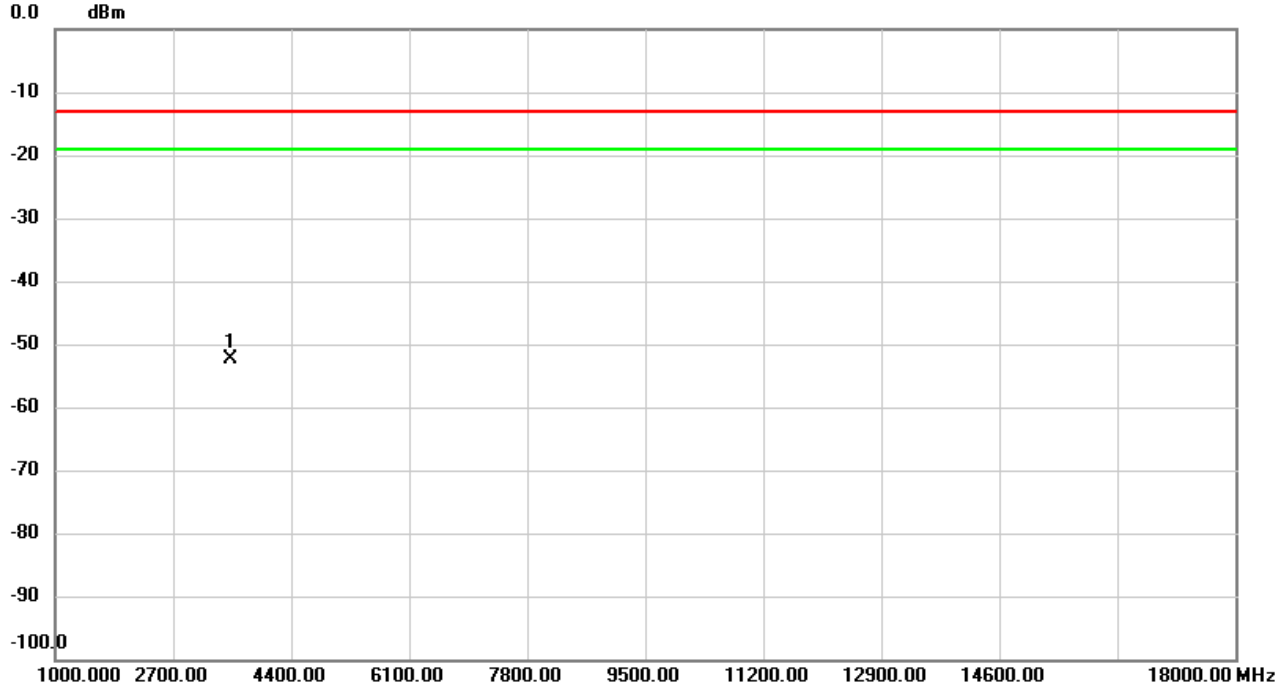
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132572	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3520.000	-62.72	10.13	-52.59	-13.00	-39.59	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

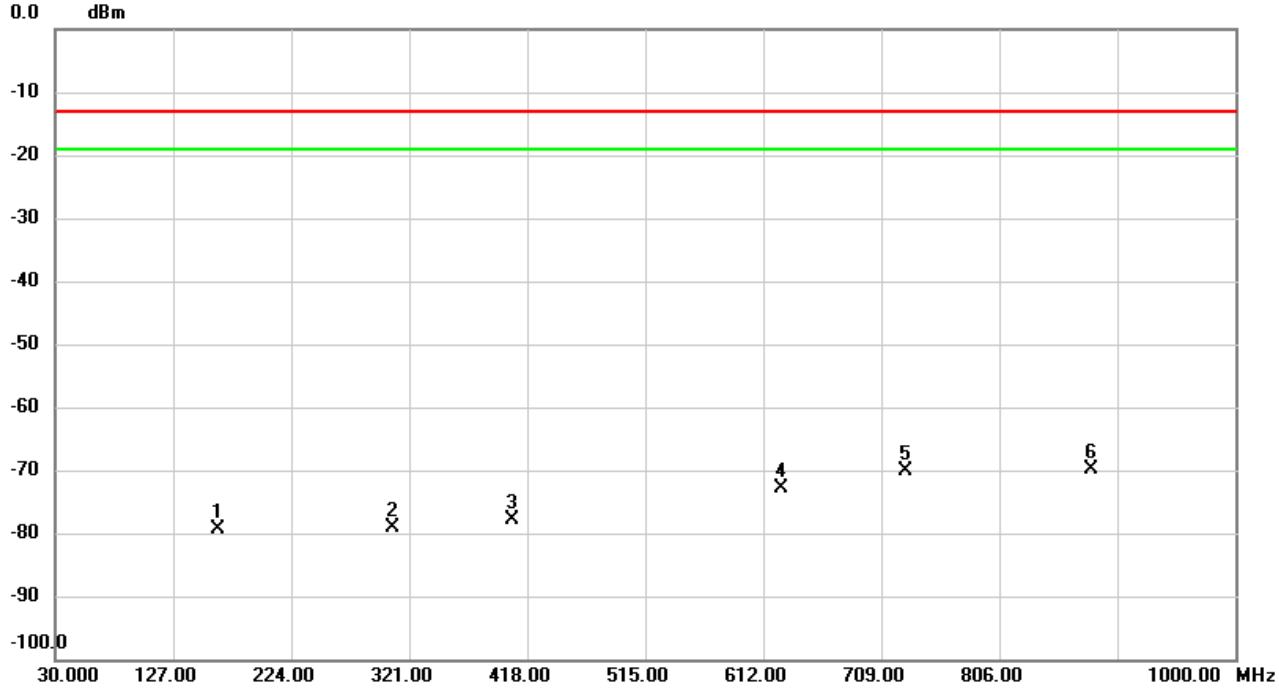
Test Mode	LTE Band 66	Test Date	2023/11/29
Test Channel	CH132572	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3520.000	-62.36	10.08	-52.28	-13.00	-39.28	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

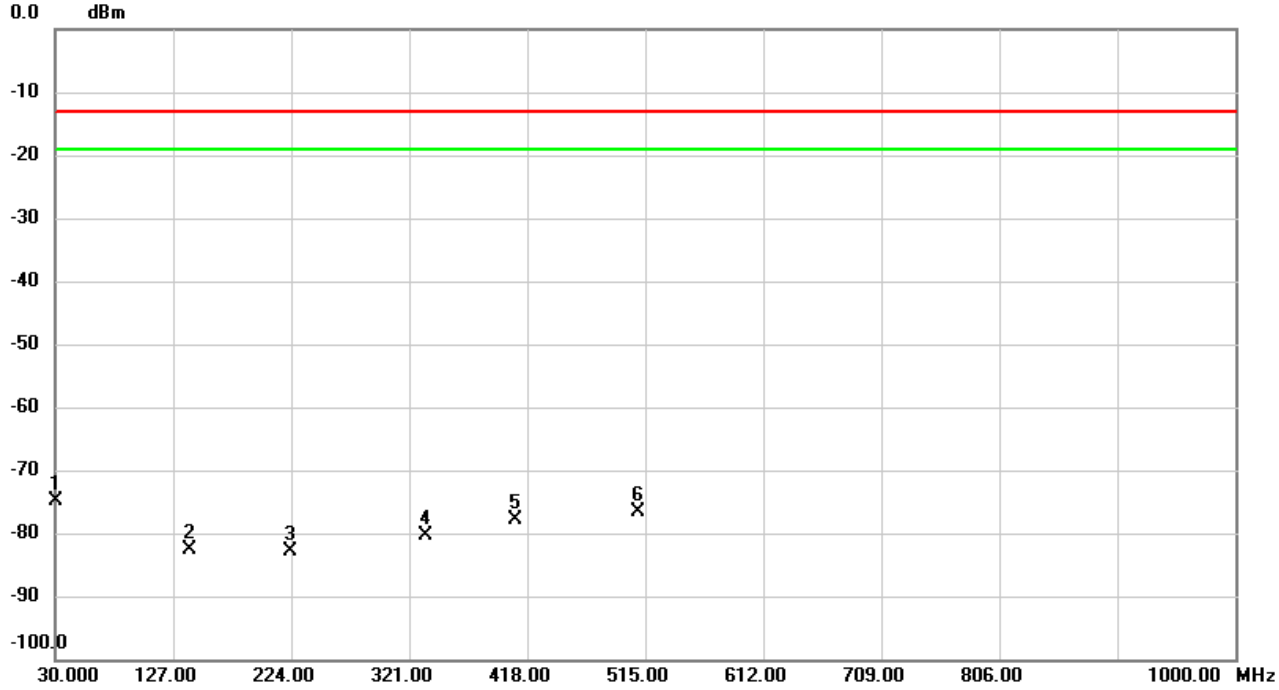
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133222	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		163.5043	-77.37	-2.04	-79.41	-13.00	-66.41	peak	
2		307.3230	-75.83	-3.23	-79.06	-13.00	-66.06	peak	
3		406.3276	-75.81	-2.13	-77.94	-13.00	-64.94	peak	
4		626.9056	-76.02	3.21	-72.81	-13.00	-59.81	peak	
5		729.2730	-73.94	3.73	-70.21	-13.00	-57.21	peak	
6	*	881.7893	-76.10	6.11	-69.99	-13.00	-56.99	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

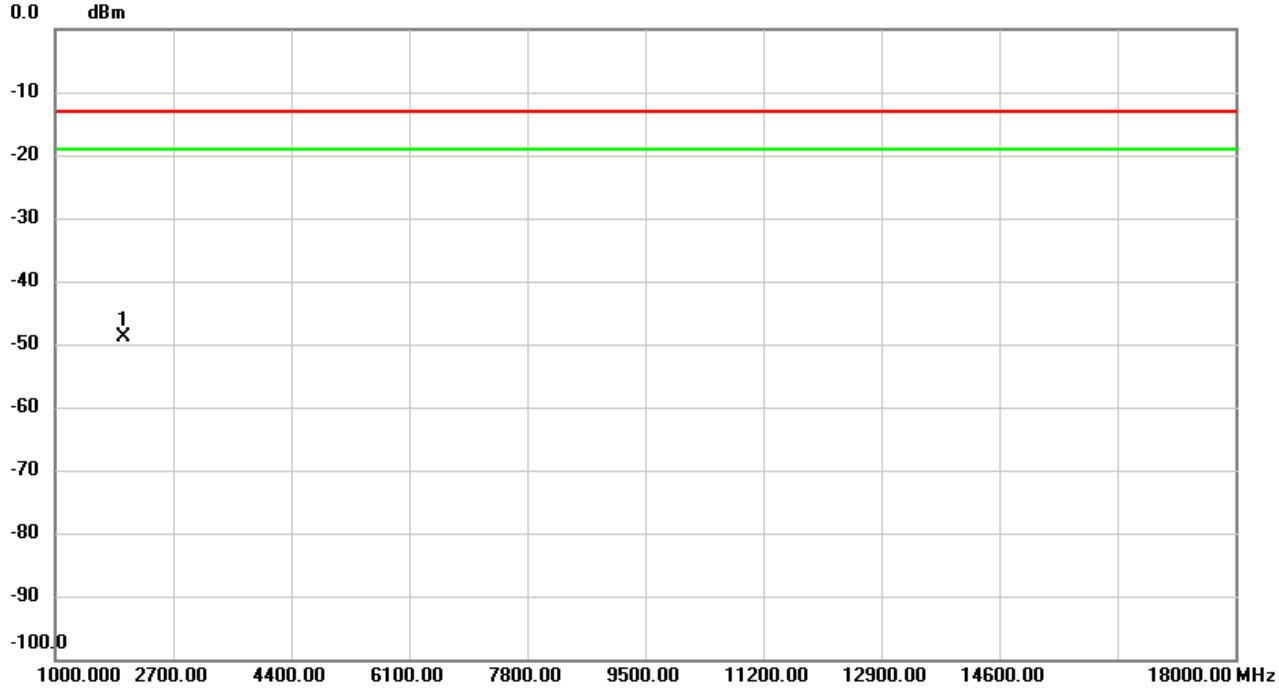
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133222	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	30.0000	-77.67	2.87	-74.80	-13.00	-61.80	peak	
2		140.9680	-77.00	-5.58	-82.58	-13.00	-69.58	peak	
3		222.8360	-74.19	-8.74	-82.93	-13.00	-69.93	peak	
4		334.2567	-76.54	-3.73	-80.27	-13.00	-67.27	peak	
5		407.7503	-75.52	-2.37	-77.89	-13.00	-64.89	peak	
6		509.3093	-75.23	-1.39	-76.62	-13.00	-63.62	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

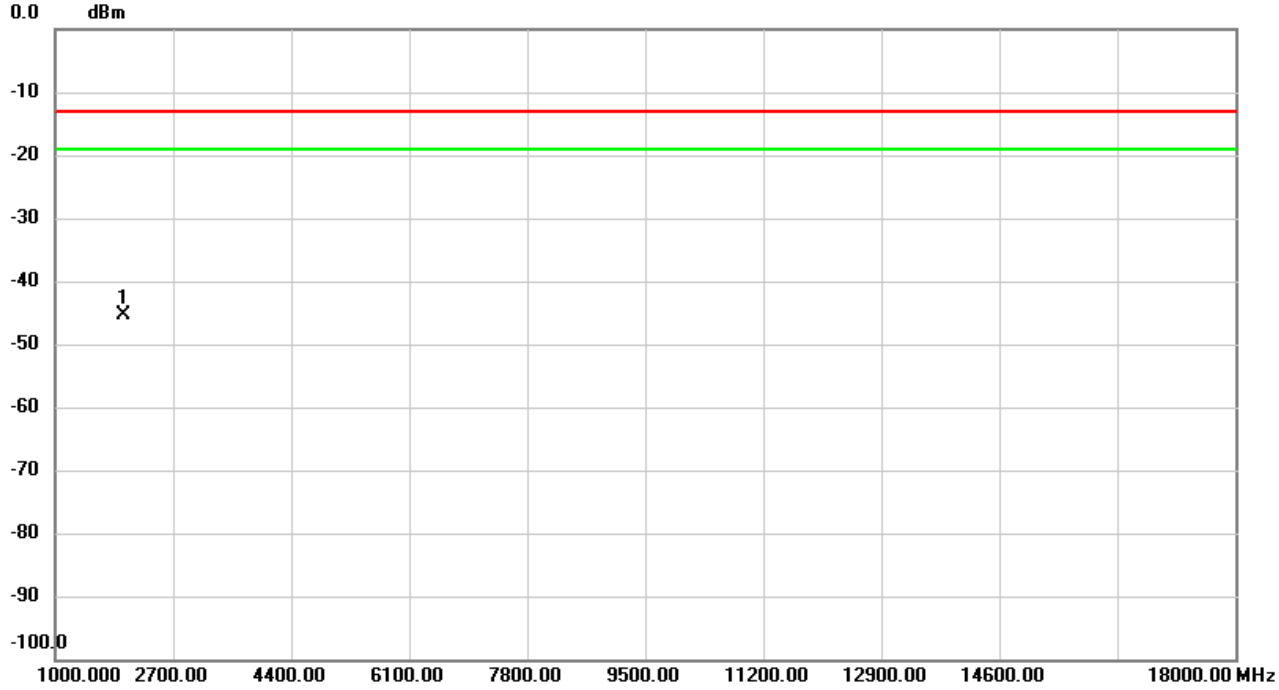
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133222	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1995.067	-54.45	5.69	-48.76	-13.00	-35.76	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

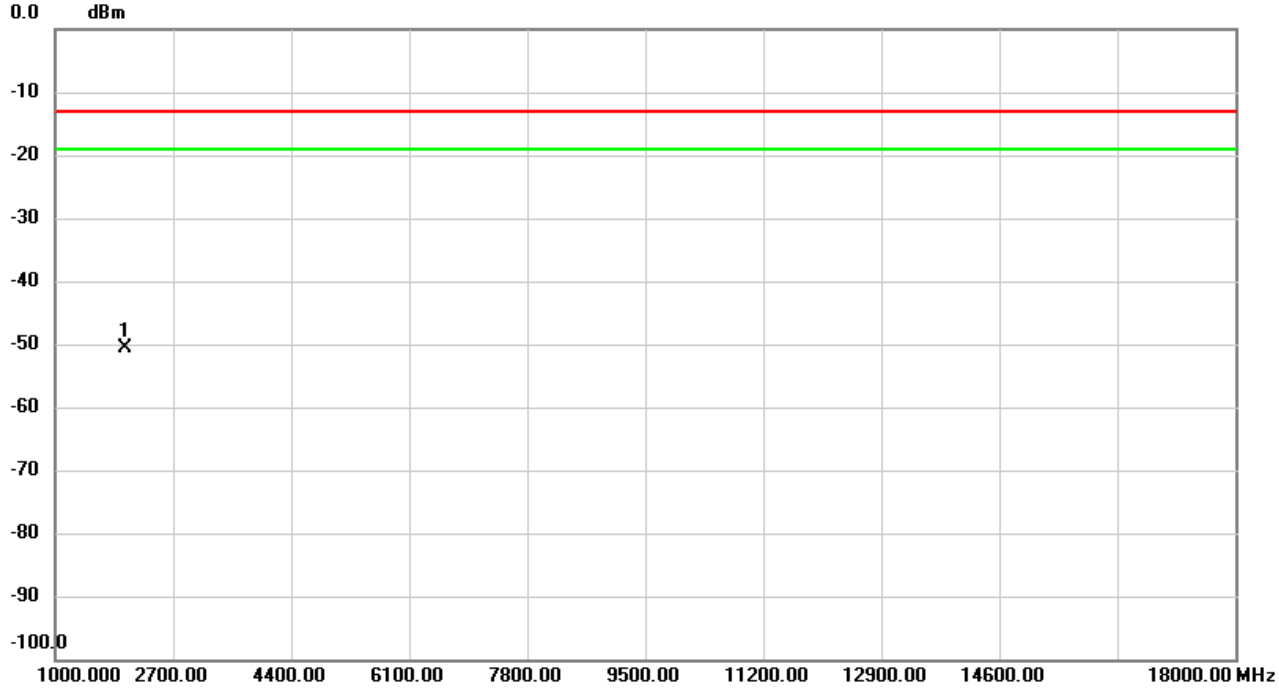
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133222	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1994.500	-51.19	5.79	-45.40	-13.00	-32.40	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

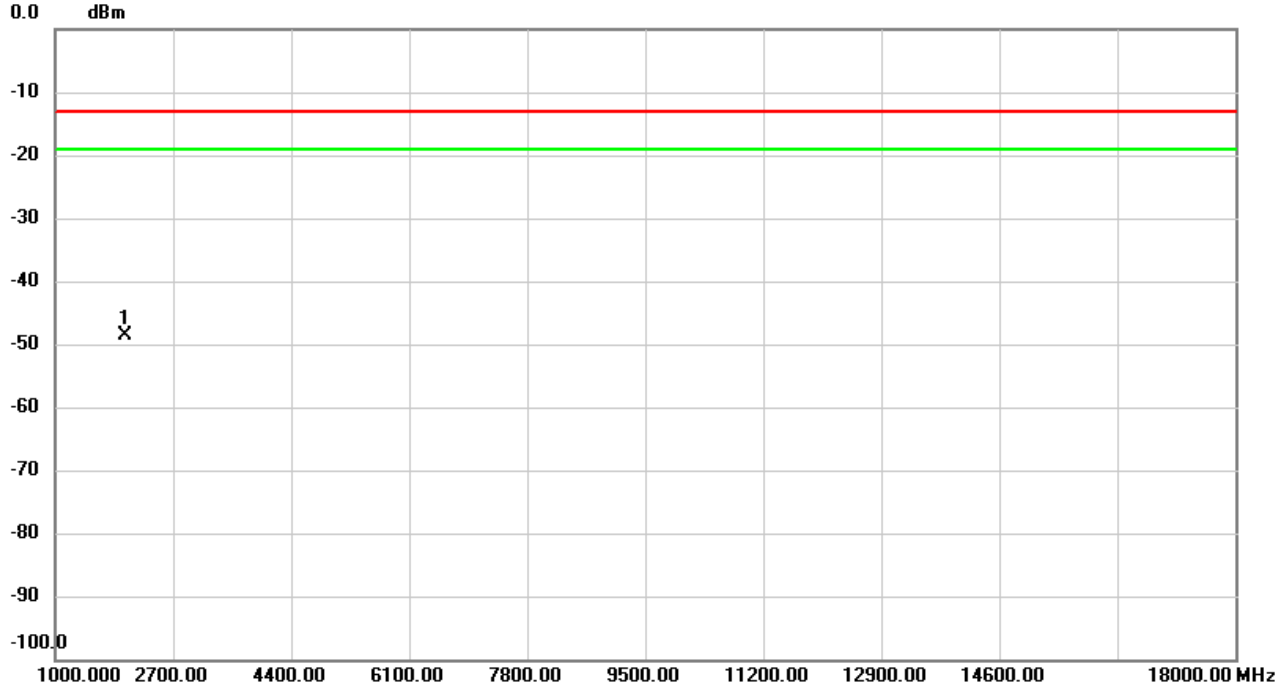
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133297	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2016.600	-56.60	6.00	-50.60	-13.00	-37.60	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

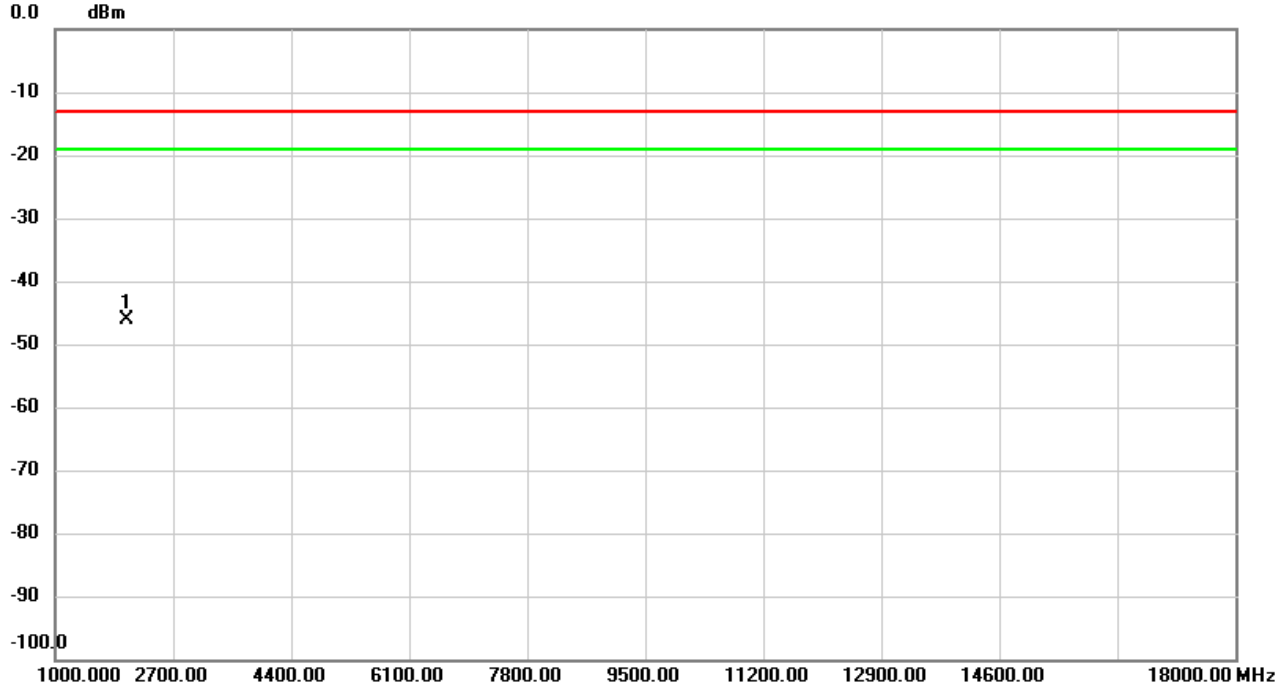
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133297	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2017.167	-54.65	5.99	-48.66	-13.00	-35.66	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

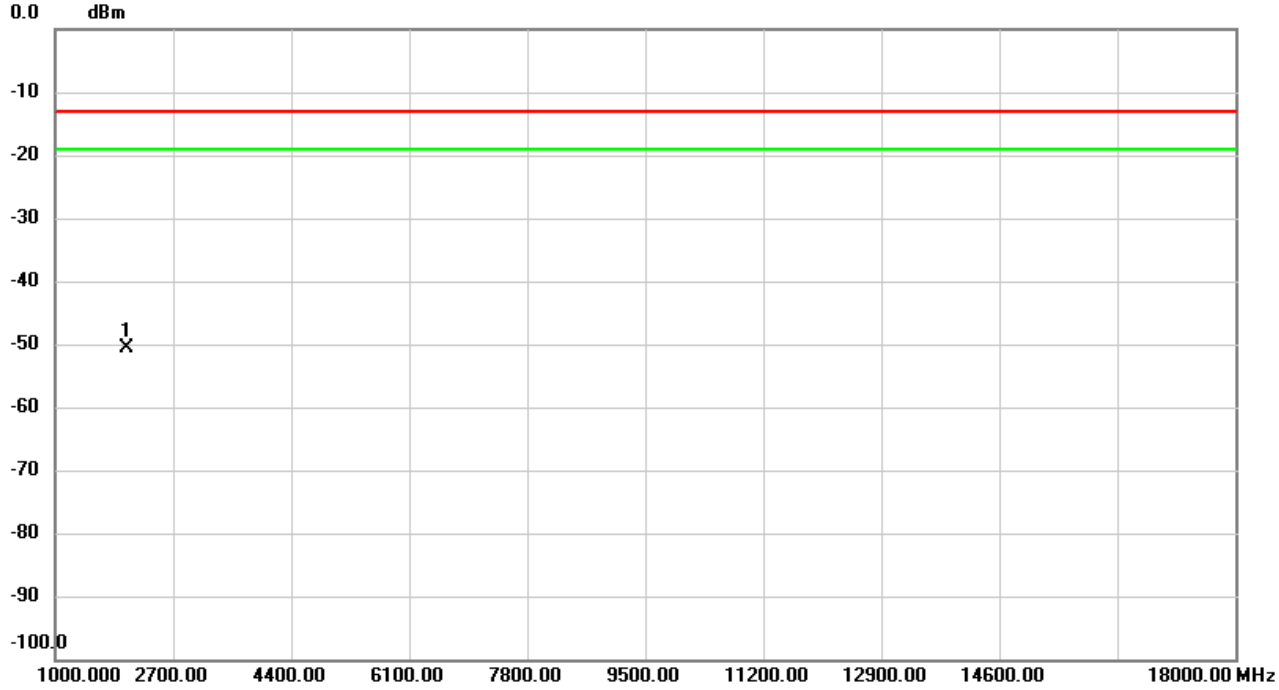
Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133372	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2039.833	-52.63	6.52	-46.11	-13.00	-33.11	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 71	Test Date	2023/11/29
Test Channel	CH133372	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2039.833	-56.82	6.28	-50.54	-13.00	-37.54	peak	

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

End of Test Report