

FCC Radio Test Report

FCC ID: XMR2020EM160RGL2

Report No. : BTL-FCCP-3-2311T077
Equipment : LTE-A Cat 16 M.2 Module
Model Name : EM160R-GL
Brand Name : Quectel
Applicant : Quectel Wireless Solutions Company Limited
Address : Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233

Radio Function : WCDMA Band IV & LTE Band 4, 7, 12, 13, 30, 38, 41, 66

FCC Rule Part(s) : FCC CFR Title 47, Part 27

Date of Receipt : 2023/12/5
Date of Test : 2023/12/21 ~ 2024/1/12
Issued Date : 2024/1/30

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

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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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2311T077	R00	Original Report.	2024/1/30	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	-----
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 test report is issued for the RF module (FCCID: XMR2020EM160RGL2) to be incorporated to the host device (Model number: TP00157A), Product name: Notebook Computer).
Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report.
- (4) After spot check, this revision does not change original radio parameters.

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 $y \pm U$, 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, 45 %	AC 120V	Jerry Chuang
Radiated Spurious Emissions	Refer to data	AC 120V	Kevin Zhen

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	LTE-A Cat 16 M.2 Module				
Model Name	EM160R-GL				
Brand Name	Quectel				
Model Difference	N/A				
Power Source	Supplied from host system.				
Power Rating	3.1 ~4.1Vdc, typical 3.7Vdc				
Host device information					
Equipment	Notebook Computer				
Model Name	TP00157A				
Brand Name	Lenovo				
Model Difference	N/A				
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADL135YSDC3A)				
Power Rating	I/P: 100-240V~ 2.5A 50-60Hz O/P: 20.0VDC 6.75A 135.0W / 19.95VDC 5.0A / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W				
WiFi+BT Module	Intel® Wi-Fi 6E AX211 / AX211D2W				
WWAN Module	Quectel / EM160R-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 30	2305 ~ 2315	2350 ~ 2360		
	LTE 38	2570 ~ 2620	-		
	LTE 41	2496 ~ 2690	-		
LTE 66	1710 ~ 1780	2110 ~ 2200			
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)	
	WCDMA IV	-	-	0.281	
	LTE 4/66	1.4	-	QPSK	0.289
				16QAM	0.261
				64QAM	0.184
		3	-	QPSK	0.294
				16QAM	0.264
				64QAM	0.186
		5	-	QPSK	0.297
				16QAM	0.269
				64QAM	0.188
		10	-	QPSK	0.301
				16QAM	0.274
				64QAM	0.190
		15	-	QPSK	0.306
				16QAM	0.277
				64QAM	0.194
20		-	QPSK	0.309	
	16QAM		0.280		
	64QAM		0.197		

Maximum EIRP	LTE 7	5	QPSK	0.366
			16QAM	0.347
			64QAM	0.221
		10	QPSK	0.371
			16QAM	0.353
			64QAM	0.224
		15	QPSK	0.376
			16QAM	0.357
			64QAM	0.226
		20	QPSK	0.381
			16QAM	0.361
			64QAM	0.230
	LTE 30	5	QPSK	0.121
			16QAM	0.104
			64QAM	0.100
		10	QPSK	0.122
			16QAM	0.106
			64QAM	0.101
	LTE 38/41	5	QPSK	0.380
			16QAM	0.345
			64QAM	0.324
		10	QPSK	0.385
			16QAM	0.348
			64QAM	0.308
15		QPSK	0.390	
		16QAM	0.352	
		64QAM	0.313	
20		QPSK	0.394	
		16QAM	0.358	
		64QAM	0.317	
Maximum ERP	LTE 12	1.4	QPSK	0.122
			16QAM	0.105
			64QAM	0.079
		3	QPSK	0.123
			16QAM	0.107
			64QAM	0.080
		5	QPSK	0.125
			16QAM	0.108
			64QAM	0.082
	10	QPSK	0.127	
		16QAM	0.109	
		64QAM	0.083	
	LTE 13	5	QPSK	0.170
			16QAM	0.156
			64QAM	0.119
		10	QPSK	0.172
			16QAM	0.158
			64QAM	0.120

Maximum EIRP	LTE 41 HPUE	5	QPSK	0.541
			16QAM	0.448
			64QAM	0.413
		10	QPSK	0.546
			16QAM	0.454
			64QAM	0.418
		15	QPSK	0.555
			16QAM	0.462
			64QAM	0.426
		20	QPSK	0.564
			16QAM	0.470
			64QAM	0.430
	LTE CA_41C	5+20	QPSK	0.303
			16QAM	0.284
			64QAM	0.230
		10+15	QPSK	0.308
			16QAM	0.288
			64QAM	0.234
		10+20	QPSK	0.313
			16QAM	0.291
			64QAM	0.237
		15+10	QPSK	0.317
			16QAM	0.295
			64QAM	0.242
		15+15	QPSK	0.323
			16QAM	0.299
			64QAM	0.244
		15+20	QPSK	0.329
			16QAM	0.303
			64QAM	0.246
		20+5	QPSK	0.334
			16QAM	0.308
			64QAM	0.251
		20+10	QPSK	0.340
			16QAM	0.310
			64QAM	0.254
20+15	QPSK	0.345		
	16QAM	0.315		
	64QAM	0.258		
20+20	QPSK	0.352		
	16QAM	0.318		
	64QAM	0.261		
Test Model		EM160R-GL		
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	DC330023020	PIFA	I-PEX	1.27	WCDMA Band IV LTE Band 4
					1.90	LTE Band 7
					-0.99	LTE Band 12
					-0.50	LTE Band 13
					0.96	LTE Band 30
					1.65	LTE Band 38
					1.87	LTE Band 41
					1.27	LTE Band 66
Aux	Luxshare-ICT	DC330023030	PIFA	I-PEX	-	RX only

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	SPEEDWIRE	DC330023120	PIFA	I-PEX	-0.3	WCDMA Band IV LTE Band 4
					-0.94	LTE Band 7
					-0.94	LTE Band 12
					0.67	LTE Band 13
					0.4	LTE Band 30
					-1.94	LTE Band 38
					-0.81	LTE Band 41
					-0.3	LTE Band 66
Aux	SPEEDWIRE	DC330023130	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

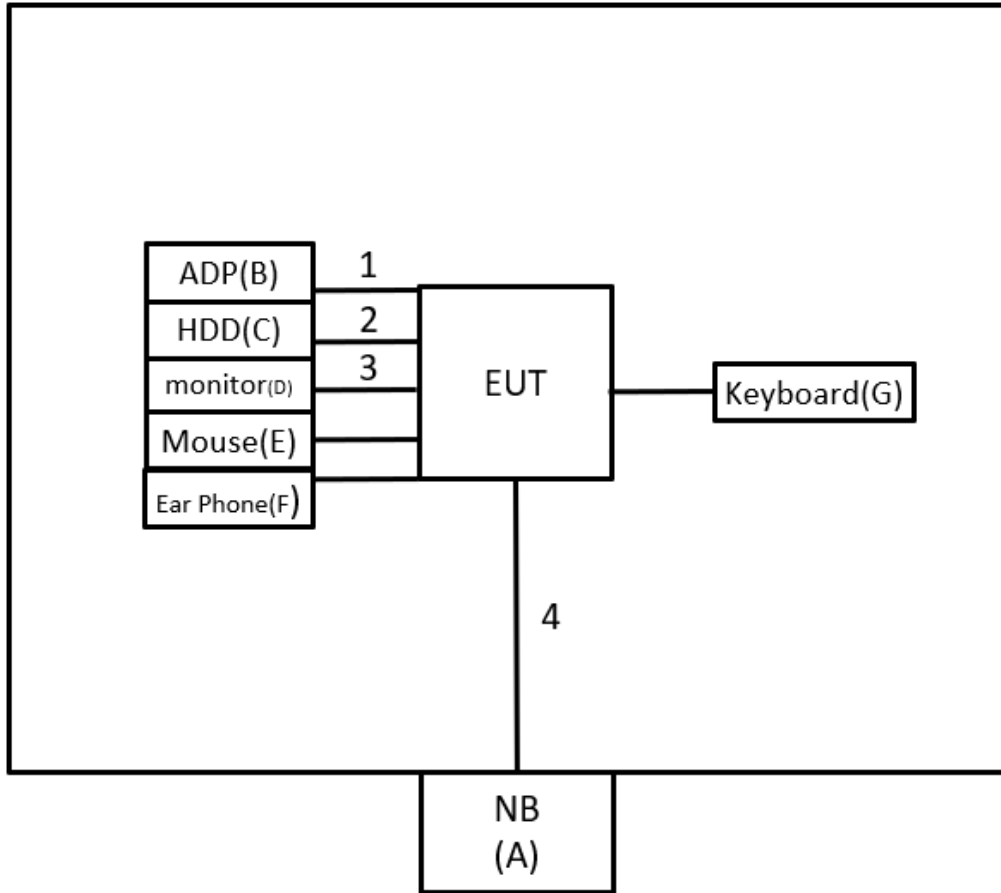
Test Items	Band	Test Mode	Note
Effective Radiated Power & Equivalent Isotropic Radiated Power	WCDMA Band IV	Refer to APPENDIX A	-
	LTE Band 4/66		
	LTE Band 7		
	LTE Band 12		
	LTE Band 13		
	LTE Band 30		
	LTE Band 38/41		
	LTE Band 66		
	LTE Band 41 HPUE		
	LTE Band CA_41C		
Radiated Spurious Emissions (Below 1G)	WCDMA Band IV	TX Mode (CH 1413)	-
	LTE Band 4	TX Mode (CH 20175)	-
	LTE Band 7	TX Mode (CH 21350)	-
	LTE Band 12	TX Mode (CH 23060)	-
	LTE Band 13	TX Mode (CH 23230)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 38150)	-
	LTE Band 41	TX Mode (CH 41490)	-
	LTE Band 66	TX Mode (CH 132572)	-
	LTE Band 38 HPUE	TX Mode (CH 38000)	-
	LTE Band 41 HPUE	TX Mode (CH 41490)	-
	LTE Band CA_41C	TX Mid. CH_20MHz+20MHz	-
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 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 38 HPUE	TX Mode (CH 37850/38000/38150)	-
	LTE Band 41 HPUE	TX Mode (CH 39750/40620/41490)	-
LTE Band CA_41C	TX Low/Mid./High CH_20MHz+20MHz	-	
Radiated Spurious Emissions (Above 18G)	LTE Band 7	TX Mode (CH 21350)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 38150)	-
	LTE Band 41	TX Mode (CH 41490)	-
	LTE Band 38 HPUE	TX Mode (CH 38000)	-
	LTE Band 41 HPUE	TX Mode (CH 41490)	-
	LTE Band CA_41C	TX Mid. CH_20MHz+20MHz	-

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, 16QAM and 64QAM are evaluated, but only the worst case (QPSK) is recorded.
- (3) LTE Band 66 (1710 ~ 1780 MHz) overlaps the entire frequency range of LTE Band 4 (1710 ~ 1755 MHz). Therefore, test data provided in this report covers Band 4 as well as Band 66.
- (4) LTE Band 41 (2496 ~ 2690 MHz) overlaps the entire frequency range of LTE Band 38 (2570 ~ 2620 MHz). Therefore, test data provided in this report covers Band 38 as well as Band 41.

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-1119	N/A	Furnished by test lab.
B	ADP	Lenovo	ADL135YSDC3 A	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-WSL0 0-0B7-332L	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:

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.

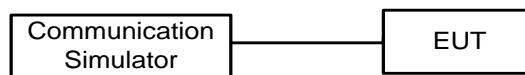
- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 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. $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- d. ERP can be calculated form EIRP by subtracting the gain of dipole, $ERP = EIPR - 2.15\text{dBi.}$
- 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

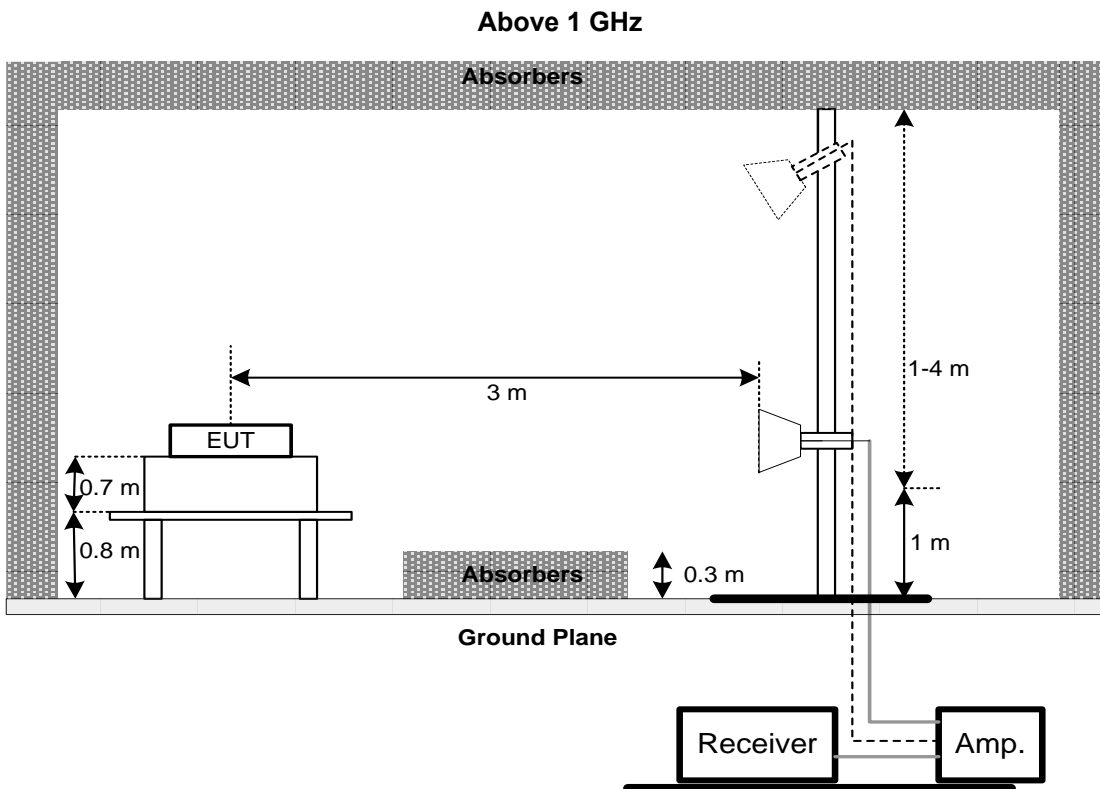
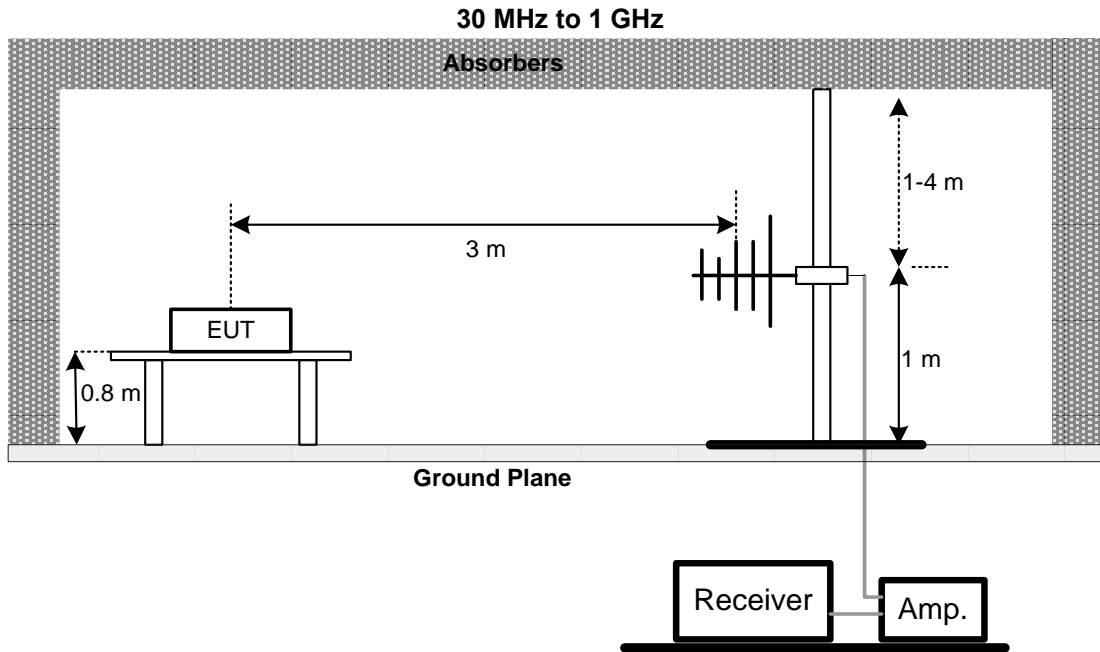
The testing follows FCC KDB 971168 v03r01 Section 6.2.

- a. 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 power can be calculated form EIRP power by subtracting the gain of dipole,
ERP power = EIRP power - 2.15 dBi.
- e. 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



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 Isotropic Radiated Power and Effective 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 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	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A
15	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2023/7/4	2024/7/3
16	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2023/11/22	2024/11/21

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-2311T077-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2311T077-1 (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	23.13	24.40	0.275
		1413/1638	1732.6	23.21	24.48	0.281
		1513/1738	1752.6	23.16	24.43	0.277

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	22.03	23.30	0.214
		1413/1638	1732.6	22.07	23.34	0.216
		1513/1738	1752.6	22.06	23.33	0.215
	2	1312/1537	1712.4	22.01	23.28	0.213
		1413/1638	1732.6	22.06	23.33	0.215
		1513/1738	1752.6	22.04	23.31	0.214
	3	1312/1537	1712.4	21.46	22.73	0.187
		1413/1638	1732.6	21.56	22.83	0.192
		1513/1738	1752.6	21.54	22.81	0.191
	4	1312/1537	1712.4	21.45	22.72	0.187
		1413/1638	1732.6	21.54	22.81	0.191
		1513/1738	1752.6	21.51	22.78	0.190

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	21.72	22.99	0.199
		1413/1638	1732.6	21.77	23.04	0.201
		1513/1738	1752.6	21.76	23.03	0.201
	2	1312/1537	1712.4	19.72	20.99	0.126
		1413/1638	1732.6	19.76	21.03	0.127
		1513/1738	1752.6	19.76	21.03	0.127
	3	1312/1537	1712.4	20.71	21.98	0.158
		1413/1638	1732.6	20.77	22.04	0.160
		1513/1738	1752.6	20.73	22.00	0.158
	4	1312/1537	1712.4	19.71	20.98	0.125
		1413/1638	1732.6	19.76	21.03	0.127
		1513/1738	1752.6	19.75	21.02	0.126
	5	1312/1537	1712.4	21.73	23.00	0.200
		1413/1638	1732.6	21.79	23.06	0.202
		1513/1738	1752.6	21.77	23.04	0.201

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 4/66 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4/66	1.4	131979	1710.7	QPSK	1	0	0	22.82	24.09	0.256
					1	2	0	22.71	23.98	0.250
					1	5	0	22.70	23.97	0.249
					6	0	1	22.38	23.65	0.232
				16QAM	1	0	1	22.05	23.32	0.215
					1	2	1	22.63	23.90	0.245
					1	5	1	21.84	23.11	0.205
				64QAM	6	0	2	21.19	22.46	0.176
					1	0	1	20.35	21.62	0.145
					1	2	1	21.16	22.43	0.175
					1	5	1	20.54	21.81	0.152
					6	0	2	19.72	20.99	0.126
		132322	1745.0	QPSK	1	0	0	22.73	24.00	0.251
					1	2	0	23.31	24.58	0.287
					1	5	0	22.71	23.98	0.250
					6	0	1	22.53	23.80	0.240
				16QAM	1	0	1	22.05	23.32	0.215
					1	2	1	22.44	23.71	0.235
					1	5	1	21.53	22.80	0.191
				64QAM	6	0	2	21.06	22.33	0.171
					1	0	1	20.90	22.17	0.165
					1	2	1	21.34	22.61	0.182
					1	5	1	20.67	21.94	0.156
					6	0	2	20.04	21.31	0.135
		132665	1779.3	QPSK	1	0	0	23.32	24.59	0.288
					1	2	0	23.34	24.61	0.289
					1	5	0	23.15	24.42	0.277
					6	0	1	22.60	23.87	0.244
				16QAM	1	0	1	22.89	24.16	0.261
					1	2	1	22.87	24.14	0.259
					1	5	1	22.90	24.17	0.261
				64QAM	6	0	2	21.11	22.38	0.173
					1	0	1	21.38	22.65	0.184
					1	2	1	20.91	22.18	0.165
					1	5	1	20.43	21.70	0.148
					6	0	2	20.01	21.28	0.134

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)
4/66	3	131987	1711.5	QPSK	1	0	0	22.90	24.17	0.261
					1	7	0	22.78	24.05	0.254
					1	14	0	22.78	24.05	0.254
					15	0	1	22.43	23.70	0.234
				16QAM	1	0	1	22.12	23.39	0.218
					1	7	1	22.70	23.97	0.249
					1	14	1	21.91	23.18	0.208
				64QAM	15	0	2	21.24	22.51	0.178
					1	0	1	20.43	21.70	0.148
					1	7	1	21.23	22.50	0.178
					1	14	1	20.58	21.85	0.153
					15	0	2	19.77	21.04	0.127
		132322	1745.0	QPSK	1	0	0	22.79	24.06	0.255
					1	7	0	23.37	24.64	0.291
					1	14	0	22.77	24.04	0.254
					15	0	1	22.61	23.88	0.244
				16QAM	1	0	1	22.11	23.38	0.218
					1	7	1	22.51	23.78	0.239
					1	14	1	21.60	22.87	0.194
				64QAM	15	0	2	21.12	22.39	0.173
					1	0	1	20.96	22.23	0.167
					1	7	1	21.38	22.65	0.184
					1	14	1	20.73	22.00	0.158
					15	0	2	20.10	21.37	0.137
		132657	1778.5	QPSK	1	0	0	23.38	24.65	0.292
					1	7	0	23.42	24.69	0.294
					1	14	0	23.21	24.48	0.281
					15	0	1	22.66	23.93	0.247
				16QAM	1	0	1	22.93	24.20	0.263
					1	7	1	22.95	24.22	0.264
					1	14	1	22.95	24.22	0.264
				64QAM	15	0	2	21.17	22.44	0.175
					1	0	1	21.42	22.69	0.186
					1	7	1	20.96	22.23	0.167
					1	14	1	20.49	21.76	0.150
					15	0	2	20.05	21.32	0.136

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

 (3) $P(W) = 1 W \cdot 10^{(P(dBm) / 10) / 1000}$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4/66	5	131997	1712.5	QPSK	1	0	0	22.95	24.22	0.264
					1	12	0	22.86	24.13	0.259
					1	24	0	22.85	24.12	0.258
					25	0	1	22.50	23.77	0.238
				16QAM	1	0	1	22.18	23.45	0.221
					1	12	1	22.78	24.05	0.254
					1	24	1	21.99	23.26	0.212
				64QAM	25	0	2	21.30	22.57	0.181
					1	0	1	20.50	21.77	0.150
					1	12	1	21.27	22.54	0.179
					1	24	1	20.66	21.93	0.156
					25	0	2	19.82	21.09	0.129
		132322	1745.0	QPSK	1	0	0	22.87	24.14	0.259
					1	12	0	23.43	24.70	0.295
					1	24	0	22.83	24.10	0.257
					25	0	1	22.66	23.93	0.247
				16QAM	1	0	1	22.18	23.45	0.221
					1	12	1	22.57	23.84	0.242
					1	24	1	21.67	22.94	0.197
				64QAM	25	0	2	21.18	22.45	0.176
					1	0	1	21.04	22.31	0.170
					1	12	1	21.42	22.69	0.186
					1	24	1	20.78	22.05	0.160
					25	0	2	20.15	21.42	0.139
		132647	1777.5	QPSK	1	0	0	23.43	24.70	0.295
					1	12	0	23.46	24.73	0.297
					1	24	0	23.26	24.53	0.284
					25	0	1	22.72	23.99	0.251
				16QAM	1	0	1	23.00	24.27	0.267
					1	12	1	23.03	24.30	0.269
					1	24	1	22.99	24.26	0.267
				64QAM	25	0	2	21.23	22.50	0.178
					1	0	1	21.47	22.74	0.188
					1	12	1	21.03	22.30	0.170
					1	24	1	20.56	21.83	0.152
					25	0	2	20.10	21.37	0.137

NOTE:

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4/66	10	132022	1715.0	QPSK	1	0	0	23.00	24.27	0.267
					1	24	0	22.93	24.20	0.263
					1	49	0	22.92	24.19	0.262
					50	0	1	22.56	23.83	0.242
				16QAM	1	0	1	22.24	23.51	0.224
					1	24	1	22.84	24.11	0.258
					1	49	1	22.04	23.31	0.214
					50	0	2	21.37	22.64	0.184
				64QAM	1	0	1	20.57	21.84	0.153
					1	24	1	21.33	22.60	0.182
					1	49	1	20.71	21.98	0.158
					50	0	2	19.90	21.17	0.131
		132322	1745.0	QPSK	1	0	0	22.92	24.19	0.262
					1	24	0	23.47	24.74	0.298
					1	49	0	22.90	24.17	0.261
					50	0	1	22.72	23.99	0.251
				16QAM	1	0	1	22.26	23.53	0.225
					1	24	1	22.61	23.88	0.244
					1	49	1	21.74	23.01	0.200
					50	0	2	21.25	22.52	0.179
				64QAM	1	0	1	21.09	22.36	0.172
					1	24	1	21.50	22.77	0.189
					1	49	1	20.85	22.12	0.163
					50	0	2	20.22	21.49	0.141
		132622	1775.0	QPSK	1	0	0	23.49	24.76	0.299
					1	24	0	23.51	24.78	0.301
					1	49	0	23.33	24.60	0.288
					50	0	1	22.79	24.06	0.255
				16QAM	1	0	1	23.06	24.33	0.271
					1	24	1	23.11	24.38	0.274
					1	49	1	23.04	24.31	0.270
					50	0	2	21.31	22.58	0.181
				64QAM	1	0	1	21.52	22.79	0.190
					1	24	1	21.10	22.37	0.173
					1	49	1	20.63	21.90	0.155
					50	0	2	20.15	21.42	0.139

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)
4/66	15	132047	1717.5	QPSK	1	0	0	23.06	24.33	0.271
					1	37	0	22.99	24.26	0.267
					1	74	0	22.99	24.26	0.267
					75	0	1	22.62	23.89	0.245
				16QAM	1	0	1	22.29	23.56	0.227
					1	37	1	22.92	24.19	0.262
					1	74	1	22.10	23.37	0.217
					75	0	2	21.43	22.70	0.186
				64QAM	1	0	1	20.64	21.91	0.155
					1	37	1	21.40	22.67	0.185
					1	74	1	20.79	22.06	0.161
					75	0	2	19.96	21.23	0.133
		132322	1745.0	QPSK	1	0	0	22.98	24.25	0.266
					1	37	0	23.54	24.81	0.303
					1	74	0	22.97	24.24	0.265
					75	0	1	22.79	24.06	0.255
				16QAM	1	0	1	22.31	23.58	0.228
					1	37	1	22.67	23.94	0.248
					1	74	1	21.80	23.07	0.203
					75	0	2	21.32	22.59	0.182
				64QAM	1	0	1	21.14	22.41	0.174
					1	37	1	21.55	22.82	0.191
					1	74	1	20.91	22.18	0.165
					75	0	2	20.27	21.54	0.143
		132597	1772.5	QPSK	1	0	0	23.55	24.82	0.303
					1	37	0	23.59	24.86	0.306
					1	74	0	23.39	24.66	0.292
					75	0	1	22.84	24.11	0.258
				16QAM	1	0	1	23.12	24.39	0.275
					1	37	1	23.16	24.43	0.277
					1	74	1	23.09	24.36	0.273
					75	0	2	21.39	22.66	0.185
				64QAM	1	0	1	21.60	22.87	0.194
					1	37	1	21.17	22.44	0.175
					1	74	1	20.67	21.94	0.156
					75	0	2	20.21	21.48	0.141

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)
4/66	20	132072	1720.0	QPSK	1	0	0	23.10	24.37	0.274
					1	49	0	23.05	24.32	0.270
					1	99	0	23.07	24.34	0.272
					100	0	1	22.66	23.93	0.247
				16QAM	1	0	1	22.35	23.62	0.230
					1	49	1	22.99	24.26	0.267
					1	99	1	22.17	23.44	0.221
					100	0	2	21.50	22.77	0.189
				64QAM	1	0	1	20.70	21.97	0.157
					1	49	1	21.46	22.73	0.187
					1	99	1	20.83	22.10	0.162
					100	0	2	20.02	21.29	0.135
		132322	1745.0	QPSK	1	0	0	23.04	24.31	0.270
					1	49	0	23.61	24.88	0.308
					1	99	0	23.03	24.30	0.269
					100	0	1	22.86	24.13	0.259
				16QAM	1	0	1	22.35	23.62	0.230
					1	49	1	22.72	23.99	0.251
					1	99	1	21.86	23.13	0.206
					100	0	2	21.37	22.64	0.184
				64QAM	1	0	1	21.20	22.47	0.177
					1	49	1	21.62	22.89	0.195
					1	99	1	20.96	22.23	0.167
					100	0	2	20.33	21.60	0.145
		132572	1770.0	QPSK	1	0	0	23.62	24.89	0.308
					1	49	0	23.63	24.90	0.309
					1	99	0	23.44	24.71	0.296
					100	0	1	22.91	24.18	0.262
				16QAM	1	0	1	23.16	24.43	0.277
					1	49	1	23.20	24.47	0.280
					1	99	1	23.15	24.42	0.277
					100	0	2	21.46	22.73	0.187
				64QAM	1	0	1	21.67	22.94	0.197
					1	49	1	21.24	22.51	0.178
					1	99	1	20.73	22.00	0.158
					100	0	2	20.29	21.56	0.143

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	5	20775	2502.5	QPSK	1	0	0	23.62	25.52	0.356
					1	12	0	23.59	25.49	0.354
					1	24	0	23.51	25.41	0.348
					25	0	1	23.00	24.90	0.309
				16QAM	1	0	1	22.75	24.65	0.292
					1	12	1	22.73	24.63	0.290
					1	24	1	22.95	24.85	0.305
					25	0	2	21.64	23.54	0.226
				64QAM	1	0	1	20.61	22.51	0.178
					1	12	1	20.51	22.41	0.174
					1	24	1	20.56	22.46	0.176
					25	0	2	20.89	22.79	0.190
		21100	2535.0	QPSK	1	0	0	23.74	25.64	0.366
					1	12	0	23.65	25.55	0.359
					1	24	0	23.64	25.54	0.358
					25	0	1	23.04	24.94	0.312
				16QAM	1	0	1	23.50	25.40	0.347
					1	12	1	23.19	25.09	0.323
					1	24	1	22.80	24.70	0.295
					25	0	2	22.09	23.99	0.251
				64QAM	1	0	1	21.55	23.45	0.221
					1	12	1	21.02	22.92	0.196
					1	24	1	21.04	22.94	0.197
					25	0	2	21.06	22.96	0.198
		21425	2567.5	QPSK	1	0	0	22.83	24.73	0.297
					1	12	0	22.84	24.74	0.298
					1	24	0	23.45	25.35	0.343
					25	0	1	22.85	24.75	0.299
				16QAM	1	0	1	22.29	24.19	0.262
					1	12	1	22.17	24.07	0.255
					1	24	1	23.02	24.92	0.310
					25	0	2	21.52	23.42	0.220
				64QAM	1	0	1	19.83	21.73	0.149
					1	12	1	20.45	22.35	0.172
					1	24	1	20.96	22.86	0.193
					25	0	2	19.66	21.56	0.143

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	10	20800	2505.0	QPSK	1	0	0	23.67	25.57	0.361
					1	24	0	23.66	25.56	0.360
					1	49	0	23.58	25.48	0.353
					50	0	1	23.06	24.96	0.313
				16QAM	1	0	1	22.81	24.71	0.296
					1	24	1	22.79	24.69	0.294
					1	49	1	23.00	24.90	0.309
					50	0	2	21.71	23.61	0.230
				64QAM	1	0	1	20.68	22.58	0.181
					1	24	1	20.57	22.47	0.177
					1	49	1	20.61	22.51	0.178
					50	0	2	20.97	22.87	0.194
		21100	2535.0	QPSK	1	0	0	23.79	25.69	0.371
					1	24	0	23.69	25.59	0.362
					1	49	0	23.71	25.61	0.364
					50	0	1	23.10	25.00	0.316
				16QAM	1	0	1	23.58	25.48	0.353
					1	24	1	23.23	25.13	0.326
					1	49	1	22.87	24.77	0.300
					50	0	2	22.16	24.06	0.255
				64QAM	1	0	1	21.60	23.50	0.224
					1	24	1	21.10	23.00	0.200
					1	49	1	21.11	23.01	0.200
					50	0	2	21.13	23.03	0.201
		21400	2565.0	QPSK	1	0	0	22.89	24.79	0.301
					1	24	0	22.89	24.79	0.301
					1	49	0	23.52	25.42	0.348
					50	0	1	22.92	24.82	0.303
				16QAM	1	0	1	22.35	24.25	0.266
					1	24	1	22.25	24.15	0.260
					1	49	1	23.07	24.97	0.314
					50	0	2	21.60	23.50	0.224
				64QAM	1	0	1	19.88	21.78	0.151
					1	24	1	20.52	22.42	0.175
					1	49	1	21.03	22.93	0.196
					50	0	2	19.71	21.61	0.145

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	15	20825	2507.5	QPSK	1	0	0	23.73	25.63	0.366
					1	37	0	23.72	25.62	0.365
					1	74	0	23.65	25.55	0.359
					75	0	1	23.12	25.02	0.318
				16QAM	1	0	1	22.86	24.76	0.299
					1	37	1	22.87	24.77	0.300
					1	74	1	23.06	24.96	0.313
					75	0	2	21.77	23.67	0.233
				64QAM	1	0	1	20.75	22.65	0.184
					1	37	1	20.64	22.54	0.179
					1	74	1	20.69	22.59	0.182
					75	0	2	21.03	22.93	0.196
		21100	2535.0	QPSK	1	0	0	23.85	25.75	0.376
					1	37	0	23.76	25.66	0.368
					1	74	0	23.78	25.68	0.370
					75	0	1	23.17	25.07	0.321
				16QAM	1	0	1	23.63	25.53	0.357
					1	37	1	23.29	25.19	0.330
					1	74	1	22.93	24.83	0.304
					75	0	2	22.23	24.13	0.259
				64QAM	1	0	1	21.65	23.55	0.226
					1	37	1	21.15	23.05	0.202
					1	74	1	21.17	23.07	0.203
					75	0	2	21.18	23.08	0.203
		21375	2562.5	QPSK	1	0	0	22.95	24.85	0.305
					1	37	0	22.97	24.87	0.307
					1	74	0	23.58	25.48	0.353
					75	0	1	22.97	24.87	0.307
				16QAM	1	0	1	22.41	24.31	0.270
					1	37	1	22.30	24.20	0.263
					1	74	1	23.12	25.02	0.318
					75	0	2	21.68	23.58	0.228
				64QAM	1	0	1	19.96	21.86	0.153
					1	37	1	20.59	22.49	0.177
					1	74	1	21.07	22.97	0.198
					75	0	2	19.77	21.67	0.147

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
7	20	20850	2510.0	QPSK	1	0	0	23.77	25.67	0.369
					1	49	0	23.78	25.68	0.370
					1	99	0	23.73	25.63	0.366
					100	0	1	23.16	25.06	0.321
				16QAM	1	0	1	22.92	24.82	0.303
					1	49	1	22.94	24.84	0.305
					1	99	1	23.13	25.03	0.318
					100	0	2	21.84	23.74	0.237
				64QAM	1	0	1	20.81	22.71	0.187
					1	49	1	20.70	22.60	0.182
					1	99	1	20.73	22.63	0.183
					100	0	2	21.09	22.99	0.199
		21100	2535.0	QPSK	1	0	0	23.91	25.81	0.381
					1	49	0	23.83	25.73	0.374
					1	99	0	23.84	25.74	0.375
					100	0	1	23.24	25.14	0.327
				16QAM	1	0	1	23.67	25.57	0.361
					1	49	1	23.34	25.24	0.334
					1	99	1	22.99	24.89	0.308
					100	0	2	22.28	24.18	0.262
				64QAM	1	0	1	21.71	23.61	0.230
					1	49	1	21.22	23.12	0.205
					1	99	1	21.22	23.12	0.205
					100	0	2	21.24	23.14	0.206
		21350	2560.0	QPSK	1	0	0	23.02	24.92	0.310
					1	49	0	23.01	24.91	0.310
					1	99	0	23.63	25.53	0.357
					100	0	1	23.04	24.94	0.312
				16QAM	1	0	1	22.45	24.35	0.272
					1	49	1	22.34	24.24	0.265
					1	99	1	23.18	25.08	0.322
					100	0	2	21.75	23.65	0.232
				64QAM	1	0	1	20.03	21.93	0.156
					1	49	1	20.66	22.56	0.180
					1	99	1	21.13	23.03	0.201
					100	0	2	19.85	21.75	0.150

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	23.86	20.77	0.119
					1	2	0	23.68	20.59	0.115
					1	5	0	23.84	20.75	0.119
					6	0	1	22.75	19.66	0.092
				16QAM	1	0	1	23.11	20.02	0.100
					1	2	1	22.52	19.43	0.088
					1	5	1	22.52	19.43	0.088
					6	0	2	21.71	18.62	0.073
				64QAM	1	0	1	21.27	18.18	0.066
					1	2	1	21.58	18.49	0.071
					1	5	1	21.60	18.51	0.071
					6	0	2	20.38	17.29	0.054
		23095	707.5	QPSK	1	0	0	23.93	20.84	0.121
					1	2	0	23.75	20.66	0.116
					1	5	0	23.85	20.76	0.119
					6	0	1	22.72	19.63	0.092
				16QAM	1	0	1	23.30	20.21	0.105
					1	2	1	23.13	20.04	0.101
					1	5	1	23.12	20.03	0.101
					6	0	2	21.76	18.67	0.074
				64QAM	1	0	1	21.80	18.71	0.074
					1	2	1	21.65	18.56	0.072
					1	5	1	21.73	18.64	0.073
					6	0	2	20.42	17.33	0.054
		23173	715.3	QPSK	1	0	0	23.94	20.85	0.122
					1	2	0	23.74	20.65	0.116
					1	5	0	23.84	20.75	0.119
					6	0	1	22.73	19.64	0.092
				16QAM	1	0	1	23.27	20.18	0.104
					1	2	1	22.91	19.82	0.096
					1	5	1	23.10	20.01	0.100
					6	0	2	20.70	17.61	0.058
				64QAM	1	0	1	22.09	19.00	0.079
					1	2	1	21.74	18.65	0.073
					1	5	1	21.99	18.90	0.078
					6	0	2	19.93	16.84	0.048

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	0	0	23.91	20.82	0.121
					1	7	0	23.75	20.66	0.116
					1	14	0	23.91	20.82	0.121
					15	0	1	22.81	19.72	0.094
				16QAM	1	0	1	23.17	20.08	0.102
					1	7	1	22.58	19.49	0.089
					1	14	1	22.57	19.48	0.089
					15	0	2	21.78	18.69	0.074
				64QAM	1	0	1	21.34	18.25	0.067
					1	7	1	21.64	18.55	0.072
					1	14	1	21.65	18.56	0.072
					15	0	2	20.46	17.37	0.055
		23095	707.5	QPSK	1	0	0	23.98	20.89	0.123
					1	7	0	23.79	20.70	0.117
					1	14	0	23.92	20.83	0.121
					15	0	1	22.78	19.69	0.093
				16QAM	r	0	1	23.38	20.29	0.107
					1	7	1	23.17	20.08	0.102
					1	14	1	23.19	20.10	0.102
					15	0	2	21.83	18.74	0.075
				64QAM	1	0	1	21.85	18.76	0.075
					1	7	1	21.73	18.64	0.073
					1	14	1	21.80	18.71	0.074
					15	0	2	20.49	17.40	0.055
		23165	714.5	QPSK	1	0	0	24.00	20.91	0.123
					1	7	0	23.79	20.70	0.117
					1	14	0	23.91	20.82	0.121
					15	0	1	22.80	19.71	0.094
				16QAM	1	0	1	23.33	20.24	0.106
					1	7	1	22.99	19.90	0.098
					1	14	1	23.15	20.06	0.101
					15	0	2	20.78	17.69	0.059
				64QAM	1	0	1	22.14	19.05	0.080
					1	7	1	21.81	18.72	0.074
					1	14	1	22.06	18.97	0.079
					15	0	2	19.98	16.89	0.049

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	23.97	20.88	0.122
					1	12	0	23.81	20.72	0.118
					1	24	0	23.98	20.89	0.123
					25	0	1	22.87	19.78	0.095
				16QAM	1	0	1	23.22	20.13	0.103
					1	12	1	22.66	19.57	0.091
					1	24	1	22.63	19.54	0.090
					25	0	2	21.84	18.75	0.075
				64QAM	1	0	1	21.41	18.32	0.068
					1	12	1	21.71	18.62	0.073
					1	24	1	21.73	18.64	0.073
					25	0	2	20.52	17.43	0.055
		23095	707.5	QPSK	1	0	0	24.04	20.95	0.124
					1	12	0	23.86	20.77	0.119
					1	24	0	23.99	20.90	0.123
					25	0	1	22.85	19.76	0.095
				16QAM	1	0	1	23.43	20.34	0.108
					1	12	1	23.23	20.14	0.103
					1	24	1	23.25	20.16	0.104
					25	0	2	21.90	18.81	0.076
				64QAM	1	0	1	21.90	18.81	0.076
					1	12	1	21.78	18.69	0.074
					1	24	1	21.86	18.77	0.075
					25	0	2	20.54	17.45	0.056
		23155	713.5	QPSK	1	0	0	24.06	20.97	0.125
					1	12	0	23.87	20.78	0.120
					1	24	0	23.97	20.88	0.122
					25	0	1	22.85	19.76	0.095
				16QAM	1	0	1	23.39	20.30	0.107
					1	12	1	23.04	19.95	0.099
					1	24	1	23.20	20.11	0.103
					25	0	2	20.86	17.77	0.060
				64QAM	1	0	1	22.22	19.13	0.082
					1	12	1	21.88	18.79	0.076
					1	24	1	22.10	19.01	0.080
					25	0	2	20.04	16.95	0.050

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	24.01	20.92	0.124
					1	24	0	23.87	20.78	0.120
					1	49	0	24.06	20.97	0.125
					50	0	1	22.91	19.82	0.096
				16QAM	1	0	1	23.28	20.19	0.104
					1	24	1	22.73	19.64	0.092
					1	49	1	22.70	19.61	0.091
					50	0	2	21.91	18.82	0.076
				64QAM	1	0	1	21.47	18.38	0.069
					1	24	1	21.77	18.68	0.074
					1	49	1	21.77	18.68	0.074
					50	0	2	20.58	17.49	0.056
		23095	707.5	QPSK	1	0	0	24.10	21.01	0.126
					1	24	0	23.93	20.84	0.121
					1	49	0	24.05	20.96	0.125
					50	0	1	22.92	19.83	0.096
				16QAM	1	0	1	23.47	20.38	0.109
					1	24	1	23.28	20.19	0.104
					1	49	1	23.31	20.22	0.105
					50	0	2	21.95	18.86	0.077
				64QAM	1	0	1	21.96	18.87	0.077
					1	24	1	21.85	18.76	0.075
					1	49	1	21.91	18.82	0.076
					50	0	2	20.60	17.51	0.056
		23130	711.0	QPSK	1	0	0	24.13	21.04	0.127
					1	24	0	23.91	20.82	0.121
					1	49	0	24.02	20.93	0.124
					50	0	1	22.92	19.83	0.096
				16QAM	1	0	1	23.43	20.34	0.108
					1	24	1	23.08	19.99	0.100
1	49				1	23.26	20.17	0.104		
50	0				2	20.93	17.84	0.061		
64QAM	1			0	1	22.29	19.20	0.083		
	1			24	1	21.95	18.86	0.077		
	1			49	1	22.16	19.07	0.081		
	50			0	2	20.12	17.03	0.050		

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	23205	779.5	QPSK	1	0	0	23.76	22.28	0.169
					1	12	0	23.70	22.22	0.167
					1	24	0	23.76	22.28	0.169
					25	0	1	22.63	21.15	0.130
				16QAM	1	0	1	23.10	21.62	0.145
					1	12	1	23.18	21.70	0.148
					1	24	1	23.40	21.92	0.156
					25	0	2	21.64	20.16	0.104
				64QAM	1	0	1	22.16	20.68	0.117
					1	12	1	22.09	20.61	0.115
					1	24	1	22.24	20.76	0.119
					25	0	2	20.84	19.36	0.086
		23230	782.0	QPSK	1	0	0	23.74	22.26	0.168
					1	12	0	23.69	22.21	0.166
					1	24	0	23.78	22.30	0.170
					25	0	1	22.60	21.12	0.129
				16QAM	1	0	1	23.12	21.64	0.146
					1	12	1	23.20	21.72	0.149
					1	24	1	23.41	21.93	0.156
					25	0	2	21.66	20.18	0.104
				64QAM	1	0	1	22.16	20.68	0.117
					1	12	1	22.08	20.60	0.115
					1	24	1	22.23	20.75	0.119
					25	0	2	20.84	19.36	0.086
		23255	784.5	QPSK	1	0	0	23.73	22.25	0.168
					1	12	0	23.72	22.24	0.167
					1	24	0	23.79	22.31	0.170
					25	0	1	22.60	21.12	0.129
				16QAM	1	0	1	23.12	21.64	0.146
					1	12	1	23.21	21.73	0.149
					1	24	1	23.41	21.93	0.156
					25	0	2	21.64	20.16	0.104
				64QAM	1	0	1	22.15	20.67	0.117
					1	12	1	22.08	20.60	0.115
					1	24	1	22.22	20.74	0.119
					25	0	2	20.82	19.34	0.086

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	23.80	22.32	0.171
					1	24	0	23.76	22.28	0.169
					1	49	0	23.84	22.36	0.172
					50	0	2	22.67	21.19	0.132
				16QAM	1	0	1	23.16	21.68	0.147
					1	24	1	23.25	21.77	0.150
					1	49	1	23.47	21.99	0.158
					50	0	2	21.71	20.23	0.105
				64QAM	1	0	1	22.22	20.74	0.119
					1	24	1	22.15	20.67	0.117
					1	49	1	22.28	20.80	0.120
					50	0	2	20.90	19.42	0.087

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	21.83	20.64	0.116
					1	12	0	21.95	20.76	0.119
					1	24	0	21.99	20.80	0.120
					25	0	1	21.09	19.90	0.098
				16QAM	1	0	1	21.12	19.93	0.098
					1	12	1	21.14	19.95	0.099
					1	24	1	21.36	20.17	0.104
					25	0	2	20.07	18.88	0.077
				64QAM	1	0	1	21.05	19.86	0.097
					1	12	1	21.08	19.89	0.097
					1	24	1	21.20	20.01	0.100
					25	0	2	17.81	16.62	0.046
		27710	2310.0	QPSK	1	0	0	21.81	20.62	0.115
					1	12	0	21.94	20.75	0.119
					1	24	0	22.01	20.82	0.121
					25	0	1	21.06	19.87	0.097
				16QAM	1	0	1	21.14	19.95	0.099
					1	12	1	21.16	19.97	0.099
					1	24	1	21.37	20.18	0.104
					25	0	2	20.09	18.90	0.078
				64QAM	1	0	1	21.05	19.86	0.097
					1	12	1	21.07	19.88	0.097
					1	24	1	21.19	20.00	0.100
					25	0	2	17.81	16.62	0.046
		27735	2312.5	QPSK	1	0	0	21.80	20.61	0.115
					1	12	0	21.97	20.78	0.120
					1	24	0	22.02	20.83	0.121
					25	0	1	21.06	19.87	0.097
				16QAM	1	0	1	21.14	19.95	0.099
					1	12	1	21.17	19.98	0.100
					1	24	1	21.37	20.18	0.104
					25	0	2	20.07	18.88	0.077
				64QAM	1	0	1	21.04	19.85	0.097
					1	12	1	21.07	19.88	0.097
					1	24	1	21.18	19.99	0.100
					25	0	2	17.79	16.60	0.046

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	21.87	20.68	0.117
					1	24	0	22.01	20.82	0.121
					1	49	0	22.07	20.88	0.122
					50	0	1	21.13	19.94	0.099
				16QAM	1	0	1	21.18	19.99	0.100
					1	24	1	21.21	20.02	0.100
					1	49	1	21.43	20.24	0.106
					50	0	2	20.14	18.95	0.079
				64QAM	1	0	1	21.11	19.92	0.098
					1	24	1	21.14	19.95	0.099
					1	49	1	21.24	20.05	0.101
					50	0	2	17.87	16.68	0.047

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 38/41 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
38/41	5	39675	2498.5	QPSK	1	0	0	23.93	25.80	0.380
					1	12	0	23.87	25.74	0.375
					1	24	0	23.75	25.62	0.365
					25	0	1	23.77	25.64	0.366
				16QAM	1	0	1	22.76	24.63	0.290
					1	12	1	23.03	24.90	0.309
					1	24	1	23.49	25.36	0.344
				64QAM	25	0	2	23.16	25.03	0.318
					1	0	1	21.97	23.84	0.242
					1	12	1	22.95	24.82	0.303
					1	24	1	22.64	24.51	0.282
					25	0	2	22.88	24.75	0.299
		40620	2593.0	QPSK	1	0	0	23.40	25.27	0.337
					1	12	0	23.31	25.18	0.330
					1	24	0	23.27	25.14	0.327
					25	0	1	23.63	25.50	0.355
				16QAM	1	0	1	23.30	25.17	0.329
					1	12	1	23.21	25.08	0.322
					1	24	1	22.73	24.60	0.288
				64QAM	25	0	2	22.73	24.60	0.288
					1	0	1	22.63	24.50	0.282
					1	12	1	22.49	24.36	0.273
					1	24	1	22.12	23.99	0.251
					25	0	2	22.61	24.48	0.281
		41565	2687.5	QPSK	1	0	0	23.27	25.14	0.327
					1	12	0	23.76	25.63	0.366
					1	24	0	23.14	25.01	0.317
					25	0	1	23.51	25.38	0.345
				16QAM	1	0	1	22.49	24.36	0.273
					1	12	1	23.24	25.11	0.324
					1	24	1	23.01	24.88	0.308
				64QAM	25	0	2	22.62	24.49	0.281
					1	0	1	22.57	24.44	0.278
					1	12	1	22.60	24.47	0.280
					1	24	1	22.39	24.26	0.267
					25	0	2	21.64	23.51	0.224

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)
38/41	10	39700	2501.0	QPSK	1	0	0	23.98	25.85	0.385
					1	24	0	23.94	25.81	0.381
					1	49	0	23.82	25.69	0.371
					50	0	1	23.83	25.70	0.372
				16QAM	1	0	1	22.82	24.69	0.294
					1	24	1	23.09	24.96	0.313
					1	49	1	23.54	25.41	0.348
					50	0	2	23.23	25.10	0.324
				64QAM	1	0	1	22.04	23.91	0.246
					1	24	1	23.01	24.88	0.308
					1	49	1	22.69	24.56	0.286
					50	0	2	22.96	24.83	0.304
		40620	2593.0	QPSK	1	0	0	23.45	25.32	0.340
					1	24	0	23.35	25.22	0.333
					1	49	0	23.34	25.21	0.332
					50	0	1	23.69	25.56	0.360
				16QAM	1	0	1	23.38	25.25	0.335
					1	24	1	23.25	25.12	0.325
					1	49	1	22.80	24.67	0.293
					50	0	2	22.80	24.67	0.293
				64QAM	1	0	1	22.68	24.55	0.285
					1	24	1	22.57	24.44	0.278
					1	49	1	22.19	24.06	0.255
					50	0	2	22.68	24.55	0.285
		41540	2685.0	QPSK	1	0	0	23.33	25.20	0.331
					1	24	0	23.81	25.68	0.370
					1	49	0	23.21	25.08	0.322
					50	0	1	23.58	25.45	0.351
				16QAM	1	0	1	22.55	24.42	0.277
					1	24	1	23.32	25.19	0.330
					1	49	1	23.06	24.93	0.311
					50	0	2	22.70	24.57	0.286
				64QAM	1	0	1	22.62	24.49	0.281
					1	24	1	22.67	24.54	0.284
					1	49	1	22.46	24.33	0.271
					50	0	2	21.69	23.56	0.227

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)
38/41	15	39725	2503.5	QPSK	1	0	0	24.04	25.91	0.390
					1	37	0	24.00	25.87	0.386
					1	74	0	23.89	25.76	0.377
					75	0	1	23.89	25.76	0.377
				16QAM	1	0	1	22.87	24.74	0.298
					1	37	1	23.17	25.04	0.319
					1	74	1	23.60	25.47	0.352
					75	0	2	23.29	25.16	0.328
				64QAM	1	0	1	22.11	23.98	0.250
					1	37	1	23.08	24.95	0.313
					1	74	1	22.77	24.64	0.291
					75	0	2	23.02	24.89	0.308
		40620	2593.0	QPSK	1	0	0	23.51	25.38	0.345
					1	37	0	23.42	25.29	0.338
					1	74	0	23.41	25.28	0.337
					75	0	1	23.76	25.63	0.366
				16QAM	1	0	1	23.43	25.30	0.339
					1	37	1	23.31	25.18	0.330
					1	74	1	22.86	24.73	0.297
					75	0	2	22.87	24.74	0.298
				64QAM	1	0	1	22.73	24.60	0.288
					1	37	1	22.62	24.49	0.281
					1	74	1	22.25	24.12	0.258
					75	0	2	22.73	24.60	0.288
		41515	2682.5	QPSK	1	0	0	23.39	25.26	0.336
					1	37	0	23.89	25.76	0.377
					1	74	0	23.27	25.14	0.327
					75	0	1	23.63	25.50	0.355
				16QAM	1	0	1	22.61	24.48	0.281
					1	37	1	23.37	25.24	0.334
					1	74	1	23.11	24.98	0.315
					75	0	2	22.78	24.65	0.292
				64QAM	1	0	1	22.70	24.57	0.286
					1	37	1	22.74	24.61	0.289
					1	74	1	22.50	24.37	0.274
					75	0	2	21.76	23.63	0.231

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)
38/41	20	39750	2506.0	QPSK	1	0	0	24.08	25.95	0.394
					1	49	0	24.06	25.93	0.392
					1	99	0	23.97	25.84	0.384
					100	0	1	23.93	25.80	0.380
				16QAM	1	0	1	22.93	24.80	0.302
					1	49	1	23.24	25.11	0.324
					1	99	1	23.67	25.54	0.358
					100	0	2	23.36	25.23	0.333
				64QAM	1	0	1	22.17	24.04	0.254
					1	49	1	23.14	25.01	0.317
					1	99	1	22.81	24.68	0.294
					100	0	2	23.08	24.95	0.313
		40620	2593.0	QPSK	1	0	0	23.57	25.44	0.350
					1	49	0	23.49	25.36	0.344
					1	99	0	23.47	25.34	0.342
					100	0	1	23.83	25.70	0.372
				16QAM	1	0	1	23.47	25.34	0.342
					1	49	1	23.36	25.23	0.333
					1	99	1	22.92	24.79	0.301
					100	0	2	22.92	24.79	0.301
				64QAM	1	0	1	22.79	24.66	0.292
					1	49	1	22.69	24.56	0.286
					1	99	1	22.30	24.17	0.261
					100	0	2	22.79	24.66	0.292
		41490	2680.0	QPSK	1	0	0	23.46	25.33	0.341
					1	49	0	23.93	25.80	0.380
					1	99	0	23.32	25.19	0.330
					100	0	1	23.70	25.57	0.361
				16QAM	1	0	1	22.65	24.52	0.283
					1	49	1	23.41	25.28	0.337
					1	99	1	23.17	25.04	0.319
					100	0	2	22.85	24.72	0.296
				64QAM	1	0	1	22.77	24.64	0.291
					1	49	1	22.81	24.68	0.294
					1	99	1	22.56	24.43	0.277
					100	0	2	21.84	23.71	0.235

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 HPUE 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	25.44	27.31	0.538
					1	12	0	25.35	27.22	0.527
					1	24	0	25.30	27.17	0.521
					25	0	1	24.32	26.19	0.416
				16QAM	1	0	1	24.58	26.45	0.442
					1	12	1	24.64	26.51	0.448
					1	24	1	24.61	26.48	0.445
					25	0	2	23.29	25.16	0.328
				64QAM	1	0	1	23.78	25.65	0.367
					1	12	1	23.76	25.63	0.366
					1	24	1	24.29	26.16	0.413
					25	0	2	22.68	24.55	0.285
		40620	2593.0	QPSK	1	0	0	25.01	26.88	0.488
					1	12	0	25.46	27.33	0.541
					1	24	0	24.79	26.66	0.463
					25	0	1	24.28	26.15	0.412
				16QAM	1	0	1	24.47	26.34	0.431
					1	12	1	24.38	26.25	0.422
					1	24	1	24.01	25.88	0.387
					25	0	2	23.39	25.26	0.336
				64QAM	1	0	1	23.61	25.48	0.353
					1	12	1	23.76	25.63	0.366
					1	24	1	23.41	25.28	0.337
					25	0	2	22.80	24.67	0.293
		40565	2687.5	QPSK	1	0	0	25.01	26.88	0.488
					1	12	0	24.60	26.47	0.444
					1	24	0	24.08	25.95	0.394
					25	0	1	23.91	25.78	0.378
				16QAM	1	0	1	24.09	25.96	0.394
					1	12	1	24.09	25.96	0.394
					1	24	1	24.05	25.92	0.391
					25	0	2	23.02	24.89	0.308
				64QAM	1	0	1	22.98	24.85	0.305
					1	12	1	22.53	24.40	0.275
					1	24	1	23.53	25.40	0.347
					25	0	2	22.55	24.42	0.277

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	25.49	27.36	0.545
					1	24	0	25.42	27.29	0.536
					1	49	0	25.37	27.24	0.530
					50	0	1	24.38	26.25	0.422
				16QAM	1	0	1	24.64	26.51	0.448
					1	24	1	24.70	26.57	0.454
					1	49	1	24.66	26.53	0.450
					50	0	2	23.36	25.23	0.333
				64QAM	1	0	1	23.85	25.72	0.373
					1	24	1	23.82	25.69	0.371
					1	49	1	24.34	26.21	0.418
					50	0	2	22.76	24.63	0.290
		40620	2593.0	QPSK	1	0	0	25.06	26.93	0.493
					1	24	0	25.50	27.37	0.546
					1	49	0	24.86	26.73	0.471
					50	0	1	24.34	26.21	0.418
				16QAM	1	0	1	24.55	26.42	0.439
					1	24	1	24.42	26.29	0.426
					1	49	1	24.08	25.95	0.394
					50	0	2	23.46	25.33	0.341
				64QAM	1	0	1	23.66	25.53	0.357
					1	24	1	23.84	25.71	0.372
					1	49	1	23.48	25.35	0.343
					50	0	2	22.87	24.74	0.298
		41540	2685.0	QPSK	1	0	0	25.07	26.94	0.494
					1	24	0	24.65	26.52	0.449
					1	49	0	24.15	26.02	0.400
					50	0	1	23.98	25.85	0.385
				16QAM	1	0	1	24.15	26.02	0.400
					1	24	1	24.17	26.04	0.402
					1	49	1	24.10	25.97	0.395
					50	0	2	23.10	24.97	0.314
				64QAM	1	0	1	23.03	24.90	0.309
					1	24	1	22.60	24.47	0.280
					1	49	1	23.60	25.47	0.352
					50	0	2	22.60	24.47	0.280

NOTE:

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

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	25.55	27.42	0.552
					1	37	0	25.48	27.35	0.543
					1	74	0	25.44	27.31	0.538
					75	0	1	24.44	26.31	0.428
				16QAM	1	0	1	24.69	26.56	0.453
					1	37	1	24.78	26.65	0.462
					1	74	1	24.72	26.59	0.456
					75	0	2	23.42	25.29	0.338
				64QAM	1	0	1	23.92	25.79	0.379
					1	37	1	23.89	25.76	0.377
					1	74	1	24.42	26.29	0.426
					75	0	2	22.82	24.69	0.294
		40620	2593.0	QPSK	1	0	0	25.12	26.99	0.500
					1	37	0	25.57	27.44	0.555
					1	74	0	24.93	26.80	0.479
					75	0	1	24.41	26.28	0.425
				16QAM	1	0	1	24.60	26.47	0.444
					1	37	1	24.48	26.35	0.432
					1	74	1	24.14	26.01	0.399
					75	0	2	23.53	25.40	0.347
				64QAM	1	0	1	23.71	25.58	0.361
					1	37	1	23.89	25.76	0.377
					1	74	1	23.54	25.41	0.348
					75	0	2	22.92	24.79	0.301
		41515	2682.5	QPSK	1	0	0	25.13	27.00	0.501
					1	37	0	24.73	26.60	0.457
					1	74	0	24.21	26.08	0.406
					75	0	1	24.03	25.90	0.389
				16QAM	1	0	1	24.21	26.08	0.406
					1	37	1	24.22	26.09	0.406
					1	74	1	24.15	26.02	0.400
					75	0	2	23.18	25.05	0.320
				64QAM	1	0	1	23.11	24.98	0.315
					1	37	1	22.67	24.54	0.284
					1	74	1	23.64	25.51	0.356
					75	0	2	22.67	24.54	0.284

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	25.59	27.46	0.557
					1	49	0	25.54	27.41	0.551
					1	99	0	25.52	27.39	0.548
					100	0	1	24.48	26.35	0.432
				16QAM	1	0	1	24.75	26.62	0.459
					1	49	1	24.85	26.72	0.470
					1	99	1	24.79	26.66	0.463
					100	0	2	23.49	25.36	0.344
				64QAM	1	0	1	23.98	25.85	0.385
					1	49	1	23.95	25.82	0.382
					1	99	1	24.46	26.33	0.430
					100	0	2	22.88	24.75	0.299
		40620	2593.0	QPSK	1	0	0	25.18	27.05	0.507
					1	49	0	25.64	27.51	0.564
					1	99	0	24.99	26.86	0.485
					100	0	1	24.48	26.35	0.432
				16QAM	1	0	1	24.64	26.51	0.448
					1	49	1	24.53	26.40	0.437
					1	99	1	24.20	26.07	0.405
					100	0	2	23.58	25.45	0.351
				64QAM	1	0	1	23.77	25.64	0.366
					1	49	1	23.96	25.83	0.383
					1	99	1	23.59	25.46	0.352
					100	0	2	22.98	24.85	0.305
		41490	2680.0	QPSK	1	0	0	25.20	27.07	0.509
					1	49	0	24.77	26.64	0.461
					1	99	0	24.26	26.13	0.410
					100	0	1	24.10	25.97	0.395
				16QAM	1	0	1	24.25	26.12	0.409
					1	49	1	24.26	26.13	0.410
					1	99	1	24.21	26.08	0.406
					100	0	2	23.25	25.12	0.325
				64QAM	1	0	1	23.18	25.05	0.320
					1	49	1	22.74	24.61	0.289
					1	99	1	23.70	25.57	0.361
					100	0	2	22.75	24.62	0.290

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 CA 41C Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)		
Band 41+41	5+20	39683 39800	2499.3 2511	QPSK	1	0	0	0	0	22.61	24.48	0.281		
					1	2	0	0	1	22.95	24.82	0.303		
					1	5	0	0	1	22.93	24.80	0.302		
					6	0	0	0	1	22.51	24.38	0.274		
				16QAM	1	0	0	0	1.5	21.86	23.73	0.236		
					1	2	0	0	2	21.64	23.51	0.224		
					1	5	0	0	2	21.82	23.69	0.234		
					6	0	0	0	2	21.89	23.76	0.238		
				64QAM	1	0	0	0	2	21.65	23.52	0.225		
					1	2	0	0	2	21.65	23.52	0.225		
					1	5	0	0	2	21.75	23.62	0.230		
					6	0	0	0	2	21.08	22.95	0.197		
		40528 40645	2583.8 2595.5			QPSK	1	0	0	0	0	22.25	24.12	0.258
							1	2	0	0	1	22.95	24.82	0.303
							1	5	0	0	1	22.02	23.89	0.245
							6	0	0	0	1	22.22	24.09	0.256
						16QAM	1	0	0	0	1.5	22.28	24.15	0.260
							1	2	0	0	2	22.67	24.54	0.284
							1	5	0	0	2	21.56	23.43	0.220
							6	0	0	0	2	21.73	23.60	0.229
						64QAM	1	0	0	0	2	21.71	23.58	0.228
							1	2	0	0	2	21.44	23.31	0.214
							1	5	0	0	2	21.50	23.37	0.217
							6	0	0	0	2	20.57	22.44	0.175
		41373 41490	2668.3 2680			QPSK	1	0	0	0	0	22.61	24.48	0.281
							1	2	0	0	1	22.56	24.43	0.277
							1	5	0	0	1	22.64	24.51	0.282
							6	0	0	0	1	22.34	24.21	0.264
						16QAM	1	0	0	0	1.5	22.05	23.92	0.247
							1	2	0	0	2	22.11	23.98	0.250
							1	5	0	0	2	21.29	23.16	0.207
							6	0	0	0	2	21.35	23.22	0.210
						64QAM	1	0	0	0	2	20.79	22.66	0.185
							1	2	0	0	2	21.39	23.26	0.212
							1	5	0	0	2	19.66	21.53	0.142
							6	0	0	0	2	19.84	21.71	0.148

NOTE:

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
Band 41+41	10+15	39703 39823	2501.3 2513.3	QPSK	1	0	0	0	0	22.67	24.54	0.284	
					1	2	0	0	1	23.01	24.88	0.308	
					1	5	0	0	1	23.00	24.87	0.307	
					6	0	0	0	1	22.57	24.44	0.278	
				16QAM	1	0	0	0	1.5	21.91	23.78	0.239	
					1	2	0	0	2	21.72	23.59	0.229	
					1	5	0	0	2	21.88	23.75	0.237	
					6	0	0	0	2	21.95	23.82	0.241	
				64QAM	1	0	0	0	2	21.72	23.59	0.229	
					1	2	0	0	2	21.72	23.59	0.229	
					1	5	0	0	2	21.83	23.70	0.234	
					6	0	0	0	2	21.14	23.01	0.200	
		40549 40669	2585.9 2597.9	QPSK	2585.9 2597.9	1	0	0	0	0	22.31	24.18	0.262
						1	2	0	0	1	23.02	24.89	0.308
						1	5	0	0	1	22.09	23.96	0.249
						6	0	0	0	1	22.29	24.16	0.261
				16QAM	1	0	0	0	1.5	22.33	24.20	0.263	
					1	2	0	0	2	22.73	24.60	0.288	
					1	5	0	0	2	21.62	23.49	0.223	
					6	0	0	0	2	21.80	23.67	0.233	
				64QAM	1	0	0	0	2	21.76	23.63	0.231	
					1	2	0	0	2	21.49	23.36	0.217	
					1	5	0	0	2	21.56	23.43	0.220	
					6	0	0	0	2	20.62	22.49	0.177	
		41395 41515	2670.5 2682.5	QPSK	2670.5 2682.5	1	0	0	0	0	22.67	24.54	0.284
						1	2	0	0	1	22.64	24.51	0.282
						1	5	0	0	1	22.70	24.57	0.286
						6	0	0	0	1	22.39	24.26	0.267
				16QAM	1	0	0	0	1.5	22.11	23.98	0.250	
					1	2	0	0	2	22.16	24.03	0.253	
					1	5	0	0	2	21.34	23.21	0.209	
					6	0	0	0	2	21.43	23.30	0.214	
				64QAM	1	0	0	0	2	20.87	22.74	0.188	
					1	2	0	0	2	21.46	23.33	0.215	
					1	5	0	0	2	19.70	21.57	0.144	
					6	0	0	0	2	19.90	21.77	0.150	

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)		
Band 41+41	10+20	39705 39849	2501.5 2515.9	QPSK	1	0	0	0	0	22.72	24.59	0.288		
					1	7	0	0	1	23.08	24.95	0.313		
					1	14	0	0	1	23.07	24.94	0.312		
					15	0	0	0	1	22.63	24.50	0.282		
				16QAM	1	0	0	0	1.5	21.97	23.84	0.242		
					1	7	0	0	2	21.78	23.65	0.232		
					1	14	0	0	2	21.93	23.80	0.240		
					15	0	0	0	2	22.02	23.89	0.245		
					1	0	0	0	2	21.79	23.66	0.232		
				64QAM	1	7	0	0	2	21.78	23.65	0.232		
					1	14	0	0	2	21.88	23.75	0.237		
					15	0	0	0	2	21.22	23.09	0.204		
					1	0	0	0	0	22.36	24.23	0.265		
					QPSK	1	7	0	0	1	23.06	24.93	0.311	
						1	14	0	0	1	22.16	24.03	0.253	
		15	0	0		0	1	22.35	24.22	0.264				
		1	0	0		0	1.5	22.41	24.28	0.268				
		16QAM	1	7	0	0	2	22.77	24.64	0.291				
			1	14	0	0	2	21.69	23.56	0.227				
			15	0	0	0	2	21.87	23.74	0.237				
			1	0	0	0	2	21.81	23.68	0.233				
			64QAM	1	7	0	0	2	21.57	23.44	0.221			
		1		14	0	0	2	21.63	23.50	0.224				
		15		0	0	0	2	20.69	22.56	0.180				
		41346 41490	2665.6 2680			QPSK	1	0	0	0	0	22.73	24.60	0.288
							1	7	0	0	1	22.69	24.56	0.286
							1	14	0	0	1	22.77	24.64	0.291
							15	0	0	0	1	22.46	24.33	0.271
						16QAM	1	0	0	0	1.5	22.17	24.04	0.254
							1	7	0	0	2	22.24	24.11	0.258
							1	14	0	0	2	21.39	23.26	0.212
							15	0	0	0	2	21.51	23.38	0.218
							1	0	0	0	2	20.92	22.79	0.190
						64QAM	1	7	0	0	2	21.53	23.40	0.219
							1	14	0	0	2	19.77	21.64	0.146
							15	0	0	0	2	19.95	21.82	0.152

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 41+41	15+10	39725 39845	2503.5 2515.5	QPSK	1	0	0	0	0	22.78	24.65	0.292
					1	12	0	0	1	23.14	25.01	0.317
					1	24	0	0	1	23.14	25.01	0.317
					25	0	0	0	1	22.69	24.56	0.286
				16QAM	1	0	0	0	1.5	22.02	23.89	0.245
					1	12	0	0	2	21.86	23.73	0.236
					1	24	0	0	2	21.99	23.86	0.243
					25	0	0	0	2	22.08	23.95	0.248
				64QAM	1	0	0	0	2	21.86	23.73	0.236
					1	12	0	0	2	21.85	23.72	0.236
					1	24	0	0	2	21.96	23.83	0.242
					25	0	0	0	2	21.28	23.15	0.207
		40571 40691	2588.1 2600.1	QPSK	1	0	0	0	0	22.42	24.29	0.269
					1	12	0	0	1	23.13	25.00	0.316
					1	24	0	0	1	22.23	24.10	0.257
					25	0	0	0	1	22.42	24.29	0.269
				16QAM	1	0	0	0	1.5	22.46	24.33	0.271
					1	12	0	0	2	22.83	24.70	0.295
					1	24	0	0	2	21.75	23.62	0.230
					25	0	0	0	2	21.94	23.81	0.240
				64QAM	1	0	0	0	2	21.86	23.73	0.236
					1	12	0	0	2	21.62	23.49	0.223
					1	24	0	0	2	21.69	23.56	0.227
					25	0	0	0	2	20.74	22.61	0.182
		41417 41537	2672.7 2684.7	QPSK	1	0	0	0	0	22.79	24.66	0.292
					1	12	0	0	1	22.77	24.64	0.291
					1	24	0	0	1	22.83	24.70	0.295
					25	0	0	0	1	22.51	24.38	0.274
				16QAM	1	0	0	0	1.5	22.23	24.10	0.257
					1	12	0	0	2	22.29	24.16	0.261
					1	24	0	0	2	21.44	23.31	0.214
					25	0	0	0	2	21.59	23.46	0.222
				64QAM	1	0	0	0	2	21.00	22.87	0.194
					1	12	0	0	2	21.60	23.47	0.222
					1	24	0	0	2	19.81	21.68	0.147
					25	0	0	0	2	20.01	21.88	0.154

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
Band 41+41	15+15	39725 39875	2503.5 2518.5	QPSK	1	0	0	0	0	22.82	24.69	0.294	
					1	24	0	0	1	23.20	25.07	0.321	
					1	49	0	0	1	23.22	25.09	0.323	
					50	0	0	0	1	22.73	24.60	0.288	
				16QAM	1	0	0	0	1.5	22.08	23.95	0.248	
					1	24	0	0	2	21.93	23.80	0.240	
					1	49	0	0	2	22.06	23.93	0.247	
					50	0	0	0	2	22.15	24.02	0.252	
				64QAM	1	0	0	0	2	21.92	23.79	0.239	
					1	24	0	0	2	21.91	23.78	0.239	
					1	49	0	0	2	22.00	23.87	0.244	
					50	0	0	0	2	21.34	23.21	0.209	
		40545 40695	2585.5 2600.5	QPSK	1	0	0	0	0	0	22.48	24.35	0.272
					1	24	0	0	1	23.20	25.07	0.321	
					1	49	0	0	1	22.29	24.16	0.261	
					50	0	0	0	1	22.49	24.36	0.273	
				16QAM	1	0	0	0	1.5	22.50	24.37	0.274	
					1	24	0	0	2	22.88	24.75	0.299	
					1	49	0	0	2	21.81	23.68	0.233	
					50	0	0	0	2	21.99	23.86	0.243	
				64QAM	1	0	0	0	2	21.92	23.79	0.239	
					1	24	0	0	2	21.69	23.56	0.227	
					1	49	0	0	2	21.74	23.61	0.230	
					50	0	0	0	2	20.80	22.67	0.185	
		41365 41515	2667.5 2682.5	QPSK	1	0	0	0	0	0	22.86	24.73	0.297
					1	24	0	0	1	22.81	24.68	0.294	
					1	49	0	0	1	22.88	24.75	0.299	
					50	0	0	0	1	22.58	24.45	0.279	
				16QAM	1	0	0	0	1.5	22.27	24.14	0.259	
					1	24	0	0	2	22.33	24.20	0.263	
					1	49	0	0	2	21.50	23.37	0.217	
					50	0	0	0	2	21.66	23.53	0.225	
				64QAM	1	0	0	0	2	21.07	22.94	0.197	
					1	24	0	0	2	21.67	23.54	0.226	
					1	49	0	0	2	19.87	21.74	0.149	
					50	0	0	0	2	20.09	21.96	0.157	

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
Band 41+41	15+20	39728 39899	2503.8 2525.9	QPSK	1	0	0	0	0	22.90	24.77	0.300	
					1	37	0	0	1	23.27	25.14	0.327	
					1	74	0	0	1	23.30	25.17	0.329	
					75	0	0	0	1	22.78	24.65	0.292	
				16QAM	1	0	0	0	1.5	22.15	24.02	0.252	
					1	37	0	0	2	22.00	23.87	0.244	
					1	74	0	0	2	22.13	24.00	0.251	
					75	0	0	0	2	22.20	24.07	0.255	
				64QAM	1	0	0	0	2	22.00	23.87	0.244	
					1	37	0	0	2	21.98	23.85	0.243	
					1	74	0	0	2	22.04	23.91	0.246	
					75	0	0	0	2	21.39	23.26	0.212	
		40623 40694	2593.3 2600.4	QPSK	1	0	0	0	0	0	22.54	24.41	0.276
					1	37	0	0	1	23.26	25.13	0.326	
					1	74	0	0	1	22.35	24.22	0.264	
					75	0	0	0	1	22.57	24.44	0.278	
				16QAM	1	0	0	0	1.5	22.56	24.43	0.277	
					1	37	0	0	2	22.95	24.82	0.303	
					1	74	0	0	2	21.88	23.75	0.237	
					75	0	0	0	2	22.05	23.92	0.247	
				64QAM	1	0	0	0	2	21.98	23.85	0.243	
					1	37	0	0	2	21.73	23.60	0.229	
					1	74	0	0	2	21.80	23.67	0.233	
					75	0	0	0	2	20.86	22.73	0.187	
		41319 41490	2662.9 2680	QPSK	1	0	0	0	0	0	22.92	24.79	0.301
					1	37	0	0	1	22.89	24.76	0.299	
					1	74	0	0	1	22.94	24.81	0.303	
					75	0	0	0	1	22.64	24.51	0.282	
				16QAM	1	0	0	0	1.5	22.31	24.18	0.262	
					1	37	0	0	2	22.41	24.28	0.268	
					1	74	0	0	2	21.55	23.42	0.220	
					75	0	0	0	2	21.72	23.59	0.229	
				64QAM	1	0	0	0	2	21.11	22.98	0.199	
					1	37	0	0	2	21.72	23.59	0.229	
					1	74	0	0	2	19.93	21.80	0.151	
					75	0	0	0	2	20.13	22.00	0.158	

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 41+41	20+5	39750 39867	2506 2517.7	QPSK	1	0	0	0	0	22.95	24.82	0.303
					1	49	0	0	1	23.35	25.22	0.333
					1	99	0	0	1	23.37	25.24	0.334
					100	0	0	0	1	22.85	24.72	0.296
				16QAM	1	0	0	0	1.5	22.21	24.08	0.256
					1	49	0	0	2	22.08	23.95	0.248
					1	99	0	0	2	22.21	24.08	0.256
					100	0	0	0	2	22.26	24.13	0.259
				64QAM	1	0	0	0	2	22.07	23.94	0.248
					1	49	0	0	2	22.02	23.89	0.245
					1	99	0	0	2	22.12	23.99	0.251
					100	0	0	0	2	21.44	23.31	0.214
		40595 40712	2590.5 2602.2	QPSK	1	0	0	0	0	22.62	24.49	0.281
					1	49	0	0	1	23.32	25.19	0.330
					1	99	0	0	1	22.41	24.28	0.268
					100	0	0	0	1	22.62	24.49	0.281
				16QAM	1	0	0	0	1.5	22.63	24.50	0.282
					1	49	0	0	2	23.01	24.88	0.308
					1	99	0	0	2	21.95	23.82	0.241
					100	0	0	0	2	22.11	23.98	0.250
				64QAM	1	0	0	0	2	22.06	23.93	0.247
					1	49	0	0	2	21.77	23.64	0.231
					1	99	0	0	2	21.85	23.72	0.236
					100	0	0	0	2	20.91	22.78	0.190
		41440 41557	2675 2686.7	QPSK	1	0	0	0	0	22.97	24.84	0.305
					1	49	0	0	1	22.93	24.80	0.302
					1	99	0	0	1	22.99	24.86	0.306
					100	0	0	0	1	22.70	24.57	0.286
				16QAM	1	0	0	0	1.5	22.38	24.25	0.266
					1	49	0	0	2	22.49	24.36	0.273
					1	99	0	0	2	21.59	23.46	0.222
					100	0	0	0	2	21.78	23.65	0.232
				64QAM	1	0	0	0	2	21.16	23.03	0.201
					1	49	0	0	2	21.79	23.66	0.232
					1	99	0	0	2	20.00	21.87	0.154
					100	0	0	0	2	20.18	22.05	0.160

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 41+41	20+10	29750 39894	2506 2520.4	QPSK	1	0	0	0	0	23.00	24.87	0.307
					1	49	0	0	1	23.42	25.29	0.338
					1	99	0	0	1	23.44	25.31	0.340
					100	0	0	0	1	22.91	24.78	0.301
				16QAM	1	0	0	0	1.5	22.27	24.14	0.259
					1	49	0	0	2	22.14	24.01	0.252
					1	99	0	0	2	22.26	24.13	0.259
					100	0	0	0	2	22.33	24.20	0.263
				64QAM	1	0	0	0	2	22.14	24.01	0.252
					1	49	0	0	2	22.08	23.95	0.248
					1	99	0	0	2	22.17	24.04	0.254
					100	0	0	0	2	21.52	23.39	0.218
		40570 40715	2588 2602.5	QPSK	1	0	0	0	0	22.67	24.54	0.284
					1	49	0	0	1	23.36	25.23	0.333
					1	99	0	0	1	22.48	24.35	0.272
					100	0	0	0	1	22.68	24.55	0.285
				16QAM	1	0	0	0	1.5	22.71	24.58	0.287
					1	49	0	0	2	23.05	24.92	0.310
					1	99	0	0	2	22.02	23.89	0.245
					100	0	0	0	2	22.18	24.05	0.254
				64QAM	1	0	0	0	2	22.11	23.98	0.250
					1	49	0	0	2	21.85	23.72	0.236
					1	99	0	0	2	21.92	23.79	0.239
					100	0	0	0	2	20.98	22.85	0.193
		47397 41535	2670.1 2684.5	QPSK	1	0	0	0	0	23.03	24.90	0.309
					1	49	0	0	1	22.98	24.85	0.305
					1	99	0	0	1	23.06	24.93	0.311
					100	0	0	0	1	22.77	24.64	0.291
				16QAM	1	0	0	0	1.5	22.44	24.31	0.270
					1	49	0	0	2	22.57	24.44	0.278
					1	99	0	0	2	21.64	23.51	0.224
					100	0	0	0	2	21.86	23.73	0.236
				64QAM	1	0	0	0	2	21.21	23.08	0.203
					1	49	0	0	2	21.86	23.73	0.236
					1	99	0	0	2	20.07	21.94	0.156
					100	0	0	0	2	20.23	22.10	0.162

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	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 41+41	20+15	39750 39921	2506 2523.8	QPSK	1	0	0	0	0	23.06	24.93	0.311
					1	49	0	0	1	23.48	25.35	0.343
					1	99	0	0	1	23.51	25.38	0.345
					100	0	0	0	1	22.97	24.84	0.305
				16QAM	1	0	0	0	1.5	22.32	24.19	0.262
					1	49	0	0	2	22.22	24.09	0.256
					1	99	0	0	2	22.32	24.19	0.262
					100	0	0	0	2	22.39	24.26	0.267
				64QAM	1	0	0	0	2	22.21	24.08	0.256
					1	49	0	0	2	22.15	24.02	0.252
					1	99	0	0	2	22.25	24.12	0.258
					100	0	0	0	2	21.58	23.45	0.221
		40546 40717	2585.6 2602.7	QPSK	1	0	0	0	0	22.73	24.60	0.288
					1	49	0	0	1	23.43	25.30	0.339
					1	99	0	0	1	22.55	24.42	0.277
					100	0	0	0	1	22.75	24.62	0.290
				16QAM	1	0	0	0	1.5	22.76	24.63	0.290
					1	49	0	0	2	23.11	24.98	0.315
					1	99	0	0	2	22.08	23.95	0.248
					100	0	0	0	2	22.25	24.12	0.258
				64QAM	1	0	0	0	2	22.16	24.03	0.253
					1	49	0	0	2	21.90	23.77	0.238
					1	99	0	0	2	21.98	23.85	0.243
					100	0	0	0	2	21.03	22.90	0.195
		41341 41512	2665.1 2682.2	QPSK	1	0	0	0	0	23.09	24.96	0.313
					1	49	0	0	1	23.06	24.93	0.311
					1	99	0	0	1	23.12	24.99	0.316
					100	0	0	0	1	22.82	24.69	0.294
				16QAM	1	0	0	0	1.5	22.50	24.37	0.274
					1	49	0	0	2	22.62	24.49	0.281
					1	99	0	0	2	21.69	23.56	0.227
					100	0	0	0	2	21.94	23.81	0.240
				64QAM	1	0	0	0	2	21.29	23.16	0.207
					1	49	0	0	2	21.93	23.80	0.240
					1	99	0	0	2	20.11	21.98	0.158
					100	0	0	0	2	20.29	22.16	0.164

NOTE:

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

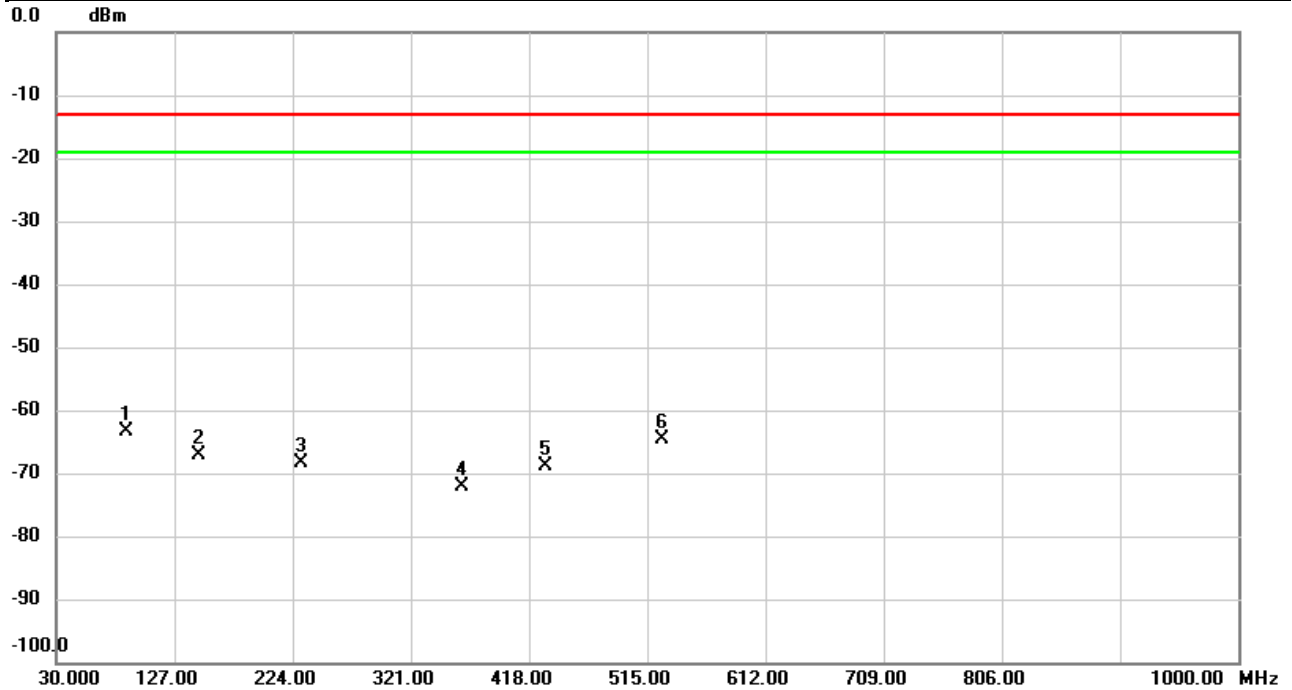
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 41+41	20+20	39750 39948	2605 2525.8	QPSK	1	0	0	0	0	23.10	24.97	0.314
					1	49	0	0	1	23.54	25.41	0.348
					1	99	0	0	1	23.59	25.46	0.352
					100	0	0	0	1	23.01	24.88	0.308
				16QAM	1	0	0	0	1.5	22.38	24.25	0.266
					1	49	0	0	2	22.29	24.16	0.261
					1	99	0	0	2	22.39	24.26	0.267
					100	0	0	0	2	22.46	24.33	0.271
				64QAM	1	0	0	0	2	22.27	24.14	0.259
					1	49	0	0	2	22.21	24.08	0.256
					1	99	0	0	2	22.29	24.16	0.261
					100	0	0	0	2	21.64	23.51	0.224
		40521 40719	2583.1 2602.9	QPSK	1	0	0	0	0	22.79	24.66	0.292
					1	49	0	0	1	23.50	25.37	0.344
					1	99	0	0	1	22.61	24.48	0.281
					100	0	0	0	1	22.82	24.69	0.294
				16QAM	1	0	0	0	1.5	22.80	24.67	0.293
					1	49	0	0	2	23.16	25.03	0.318
					1	99	0	0	2	22.14	24.01	0.252
					100	0	0	0	2	22.30	24.17	0.261
				64QAM	1	0	0	0	2	22.22	24.09	0.256
					1	49	0	0	2	21.97	23.84	0.242
					1	99	0	0	2	22.03	23.90	0.245
					100	0	0	0	2	21.09	22.96	0.198
		41292 41490	2660.2 2680	QPSK	1	0	0	0	0	23.16	25.03	0.318
					1	49	0	0	1	23.10	24.97	0.314
					1	99	0	0	1	23.17	25.04	0.319
					100	0	0	0	1	22.89	24.76	0.299
				16QAM	1	0	0	0	1.5	22.54	24.41	0.276
					1	49	0	0	2	22.66	24.53	0.284
					1	99	0	0	2	21.75	23.62	0.230
					100	0	0	0	2	22.01	23.88	0.244
				64QAM	1	0	0	0	2	21.36	23.23	0.210
					1	49	0	0	2	22.00	23.87	0.244
					1	99	0	0	2	20.17	22.04	0.160
					100	0	0	0	2	20.37	22.24	0.167

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	2023/12/26
Test Channel	CH1413	Polarization	Vertical
Temp	21°C	Hum.	59%

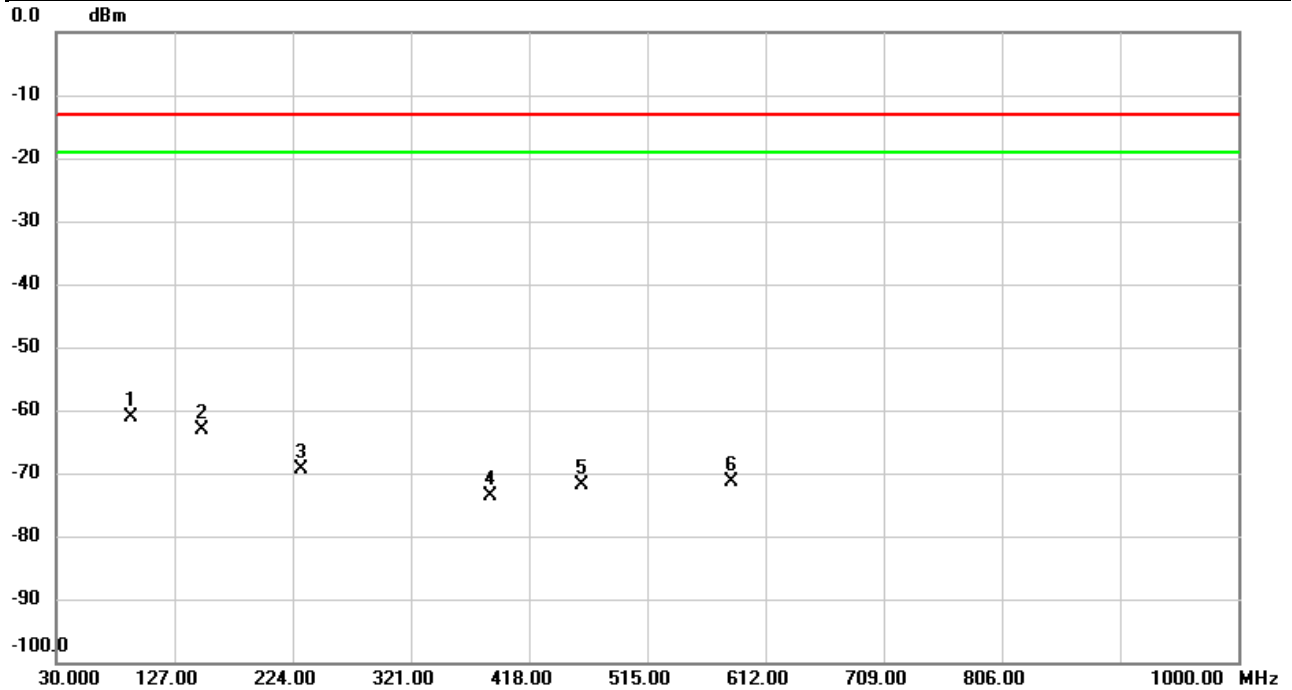


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	87.0037	-59.89	-3.57	-63.46	-13.00	-50.46	peak	
2		146.7557	-66.40	-0.78	-67.18	-13.00	-54.18	peak	
3		230.5313	-67.83	-0.60	-68.43	-13.00	-55.43	peak	
4		362.5483	-71.58	-0.51	-72.09	-13.00	-59.09	peak	
5		431.5800	-69.20	0.45	-68.75	-13.00	-55.75	peak	
6		527.6747	-68.21	3.69	-64.52	-13.00	-51.52	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1413	Polarization	Horizontal
Temp	21°C	Hum.	59%

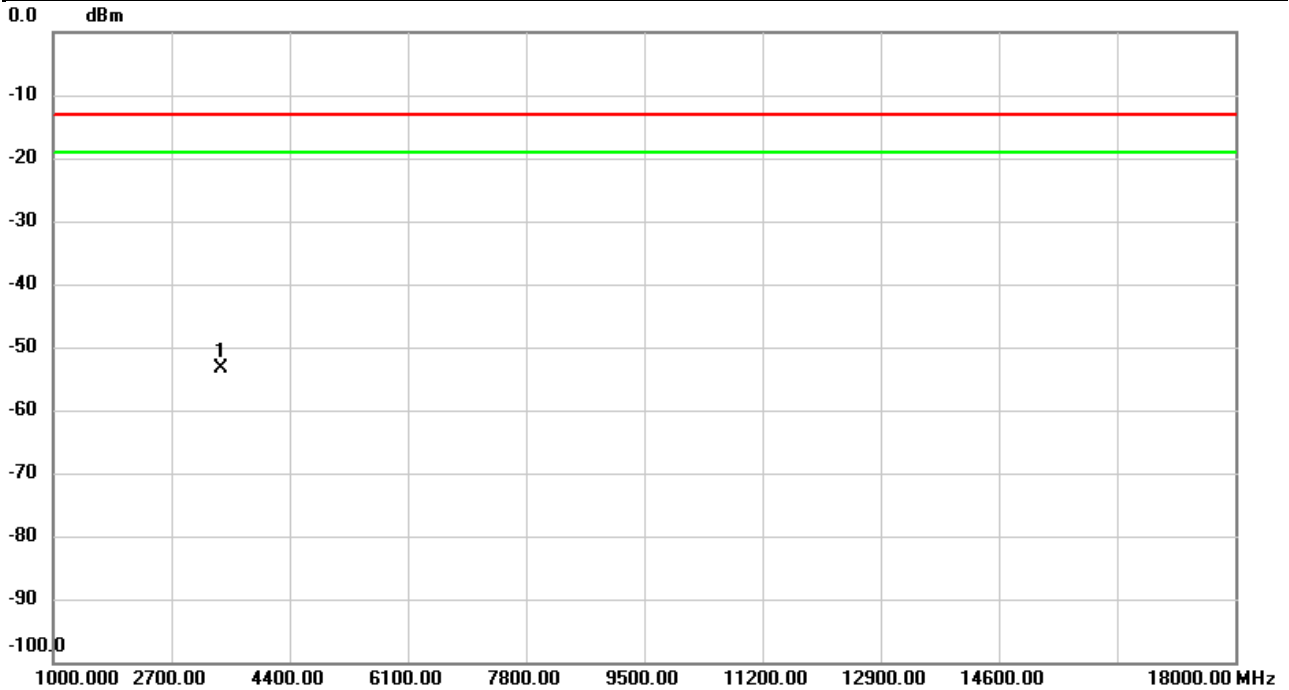


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.1100	-54.88	-6.13	-61.01	-13.00	-48.01	peak	
2		149.0190	-59.70	-3.48	-63.18	-13.00	-50.18	peak	
3		230.4990	-63.61	-5.74	-69.35	-13.00	-56.35	peak	
4		386.1840	-73.35	-0.34	-73.69	-13.00	-60.69	peak	
5		461.1003	-72.11	0.23	-71.88	-13.00	-58.88	peak	
6		584.7753	-73.31	2.02	-71.29	-13.00	-58.29	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1312	Polarization	Vertical
Temp	21°C	Hum.	59%

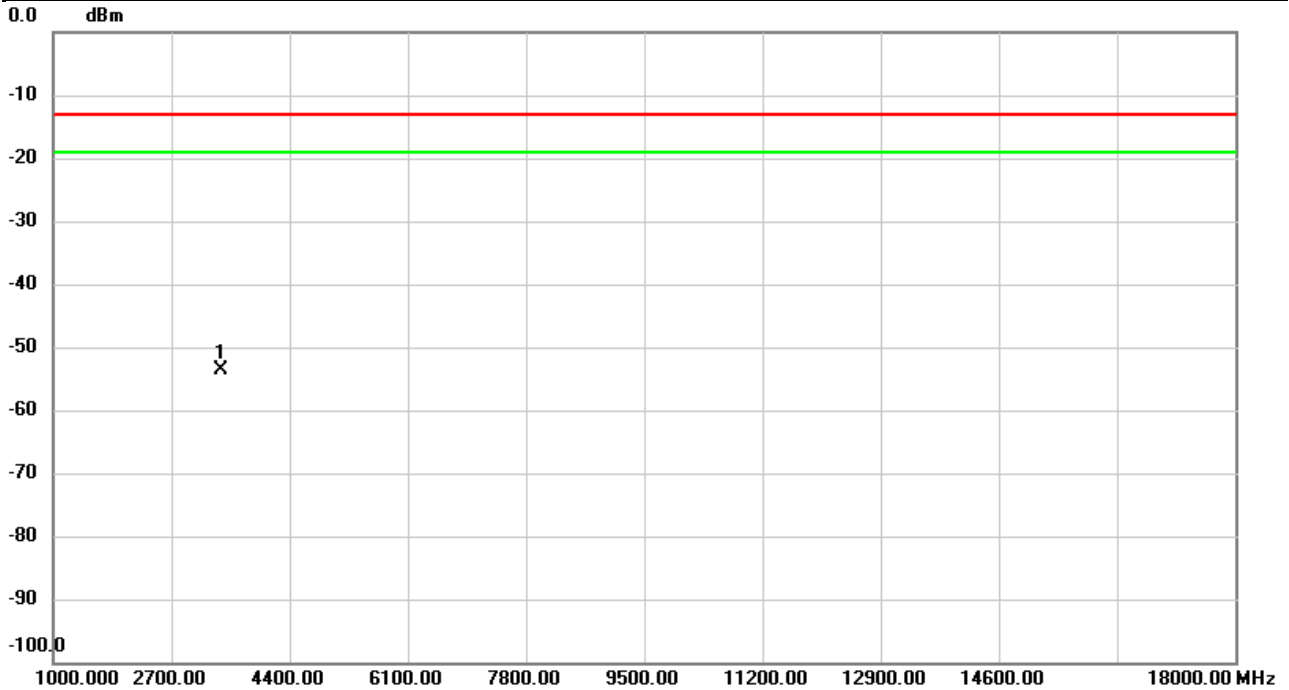


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3424.800	-63.44	9.98	-53.46	-13.00	-40.46	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1312	Polarization	Horizontal
Temp	21°C	Hum.	59%

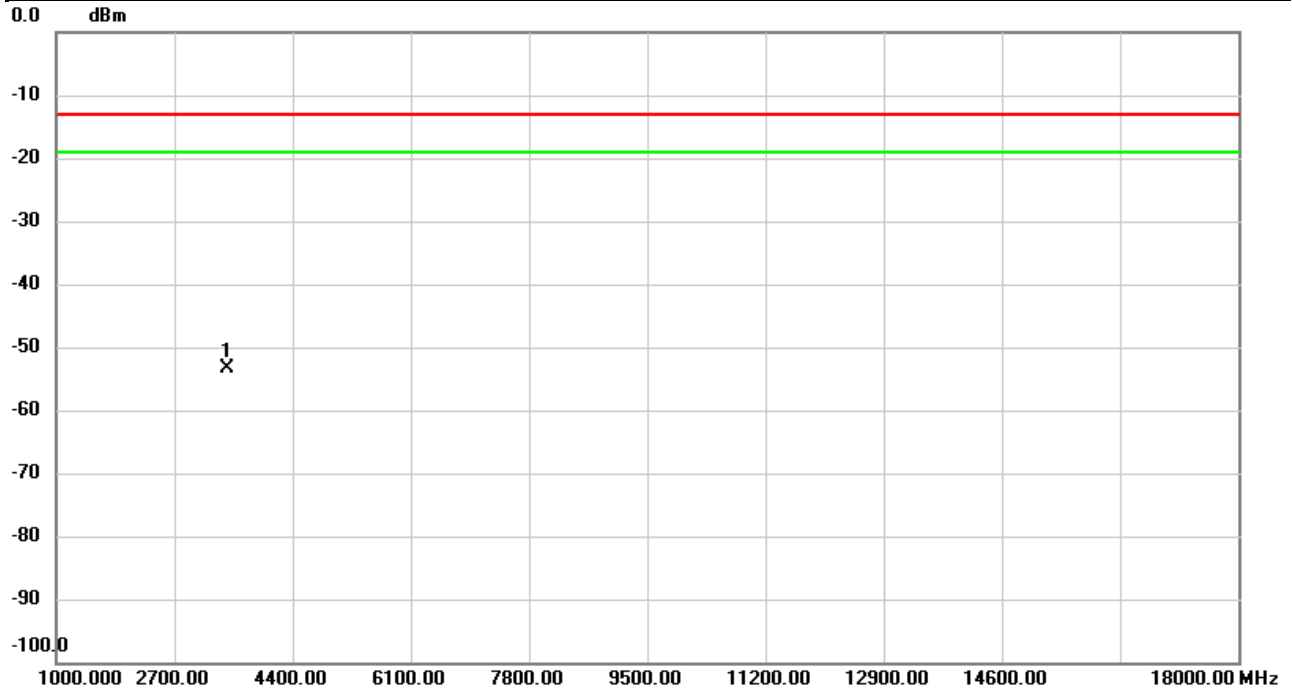


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3424.800	-63.52	9.84	-53.68	-13.00	-40.68	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1413	Polarization	Vertical
Temp	21°C	Hum.	59%

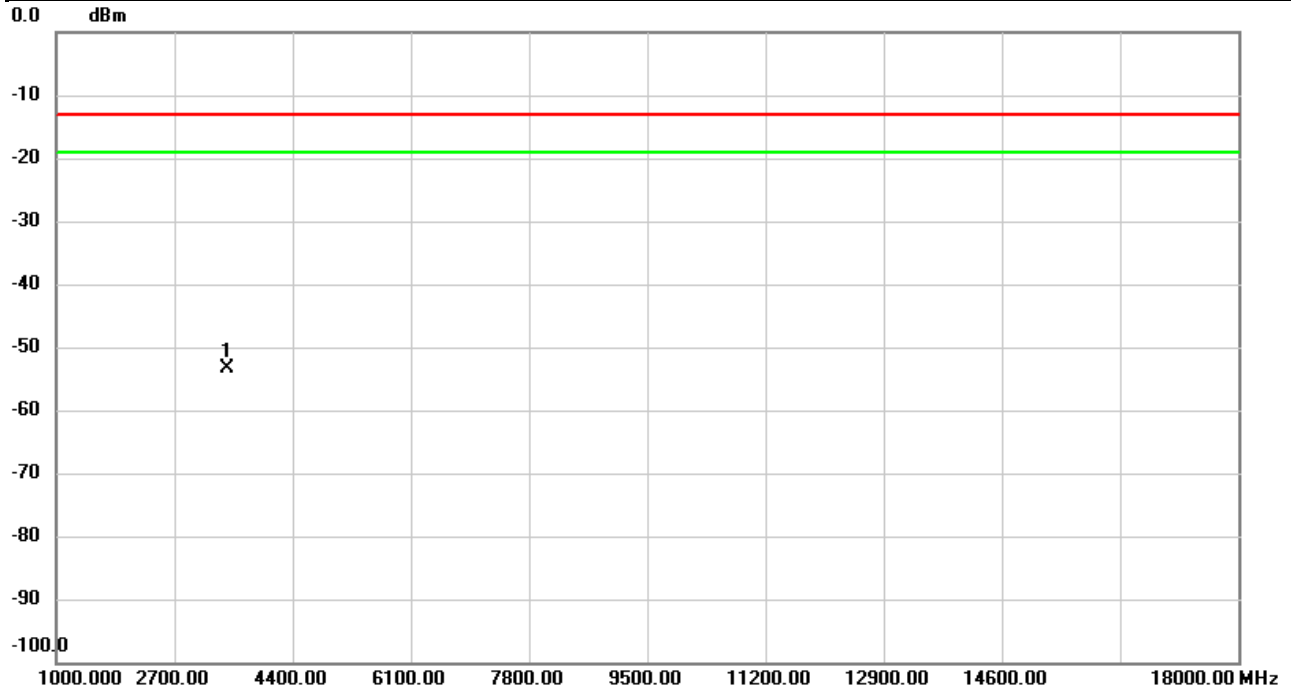


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3465.200	-63.48	10.17	-53.31	-13.00	-40.31	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1413	Polarization	Horizontal
Temp	21°C	Hum.	59%

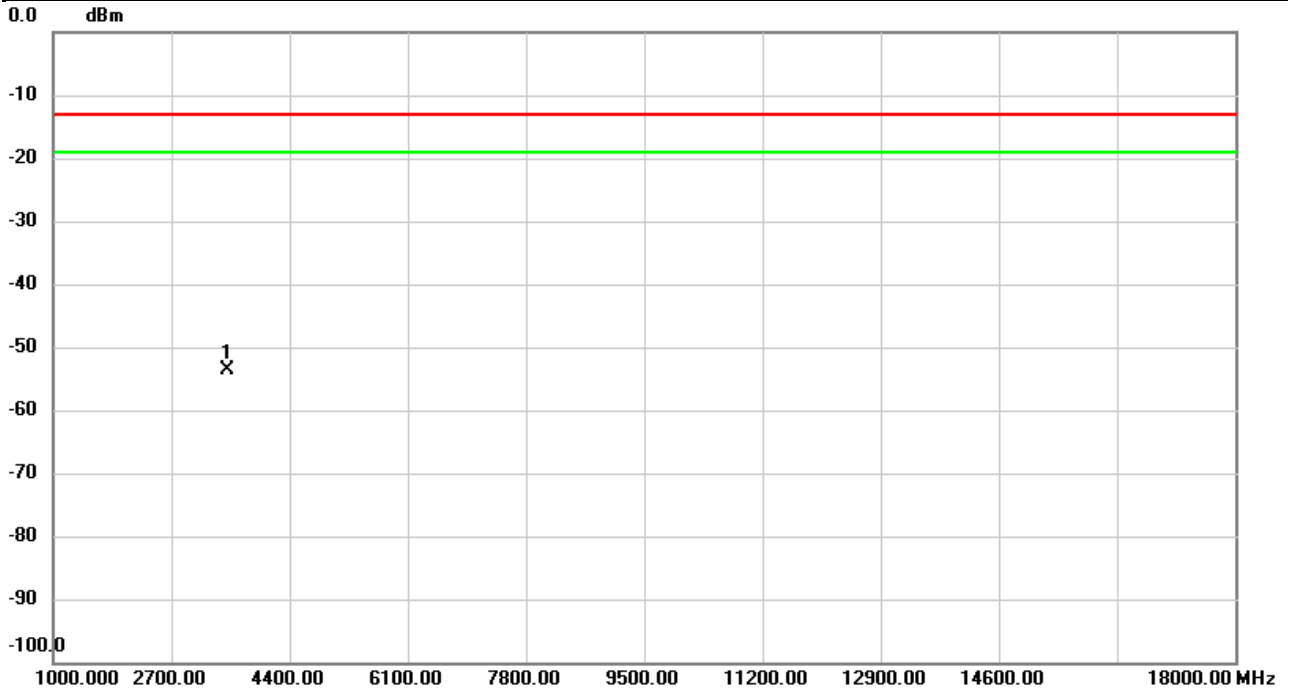


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3465.200	-63.40	10.13	-53.27	-13.00	-40.27	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1513	Polarization	Vertical
Temp	21°C	Hum.	59%

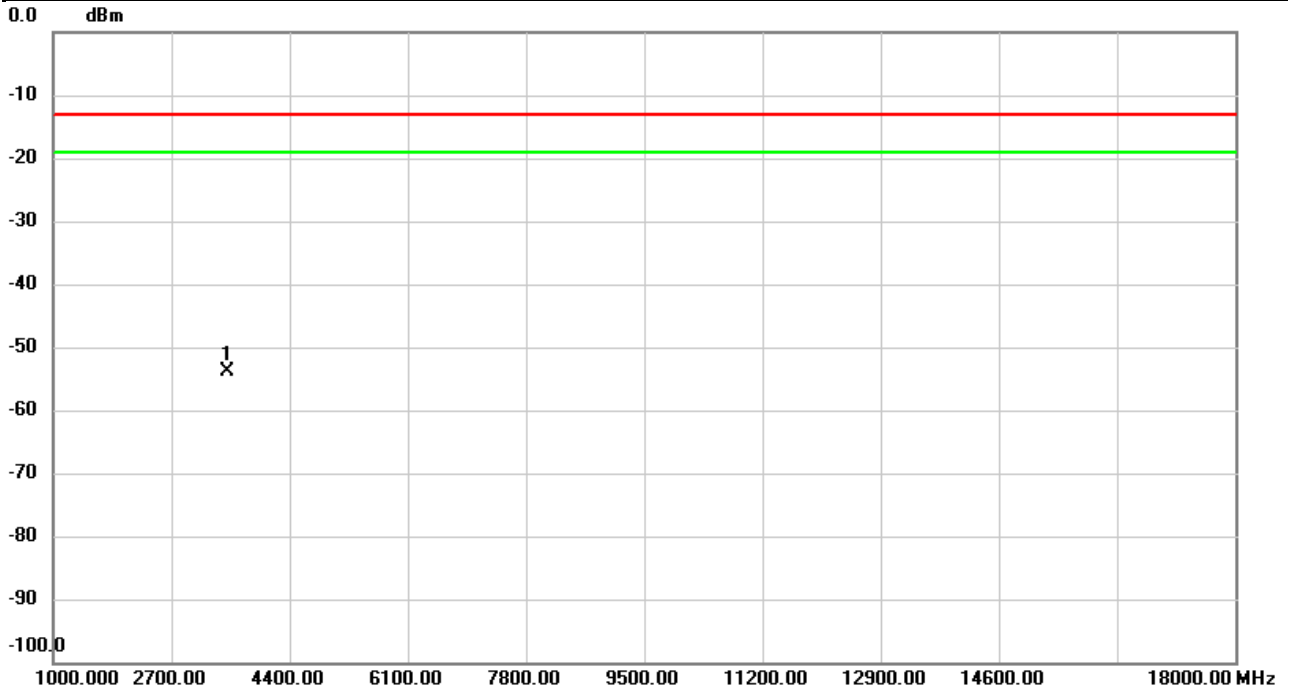


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3505.200	-63.74	10.06	-53.68	-13.00	-40.68	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2023/12/26
Test Channel	CH1513	Polarization	Horizontal
Temp	21°C	Hum.	59%

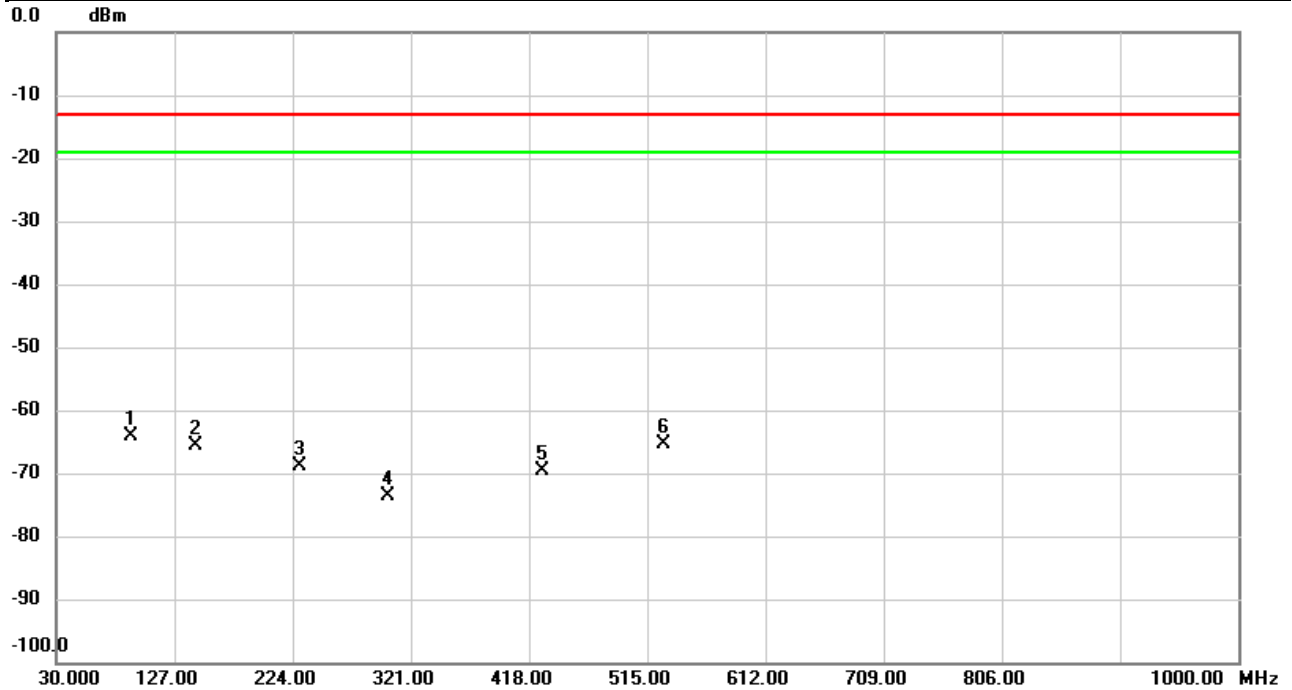


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3505.200	-63.84	10.04	-53.80	-13.00	-40.80	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/26
Test Channel	CH20175	Polarization	Vertical
Temp	21°C	Hum.	59%

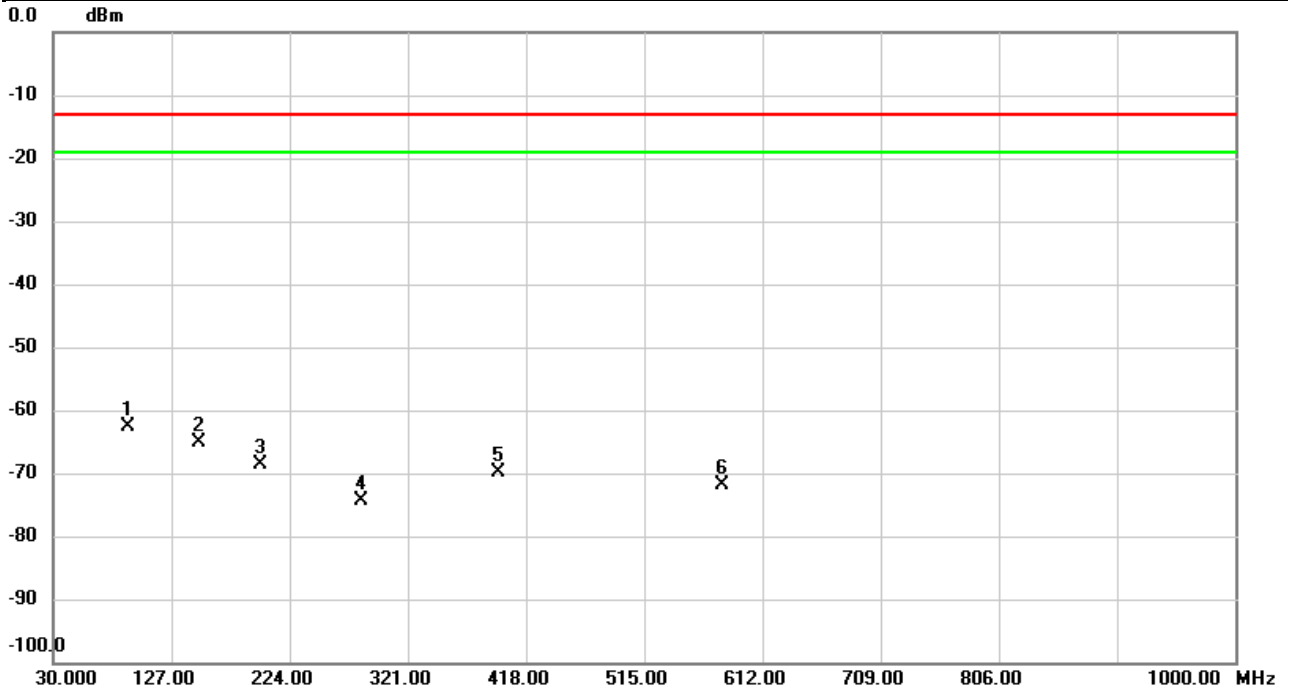


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	90.8190	-60.65	-3.48	-64.13	-13.00	-51.13	peak	
2		144.3306	-64.78	-0.90	-65.68	-13.00	-52.68	peak	
3		229.9170	-68.14	-0.63	-68.77	-13.00	-55.77	peak	
4		301.8587	-72.55	-1.13	-73.68	-13.00	-60.68	peak	
5		429.2197	-69.98	0.41	-69.57	-13.00	-56.57	peak	
6		529.1942	-69.10	3.77	-65.33	-13.00	-52.33	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/26
Test Channel	CH20175	Polarization	Horizontal
Temp	21°C	Hum.	59%

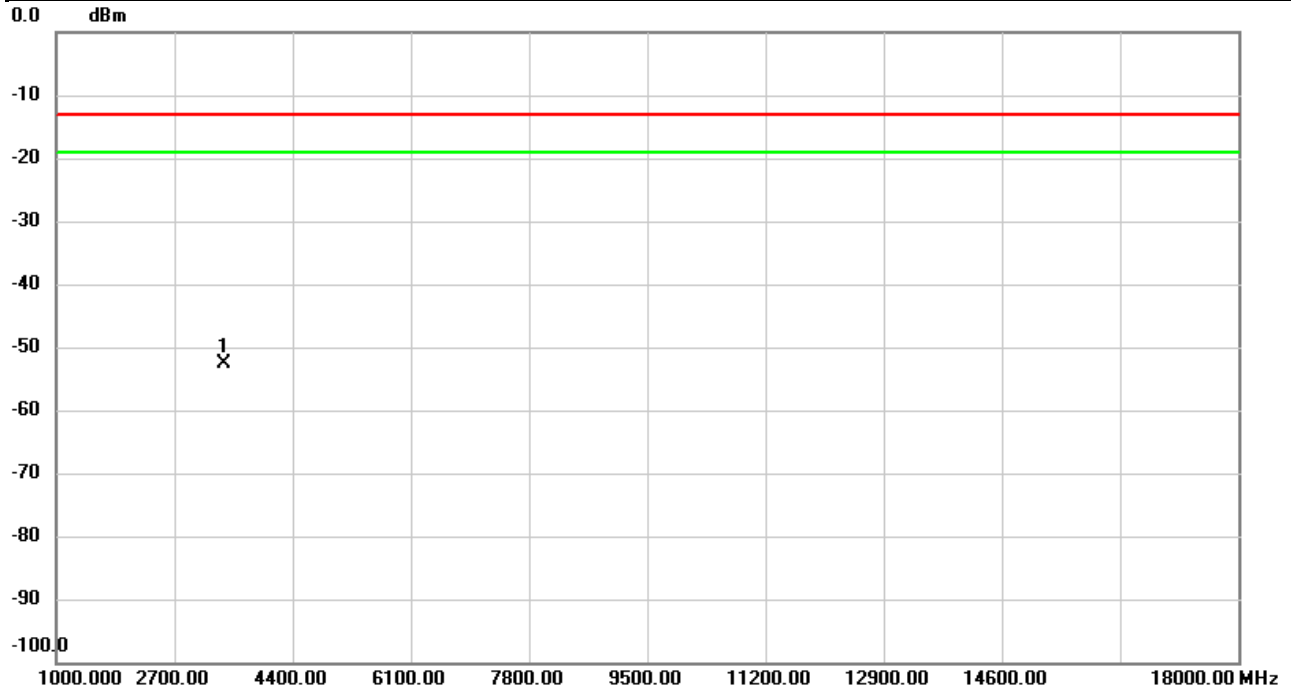


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.1100	-56.45	-6.13	-62.58	-13.00	-49.58	peak	
2		149.1807	-61.54	-3.48	-65.02	-13.00	-52.02	peak	
3		200.1057	-61.26	-7.37	-68.63	-13.00	-55.63	peak	
4		282.5557	-69.72	-4.61	-74.33	-13.00	-61.33	peak	
5		395.8840	-69.57	-0.30	-69.87	-13.00	-56.87	peak	
6		578.8583	-73.81	1.92	-71.89	-13.00	-58.89	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20050	Polarization	Vertical
Temp	22°C	Hum.	57%

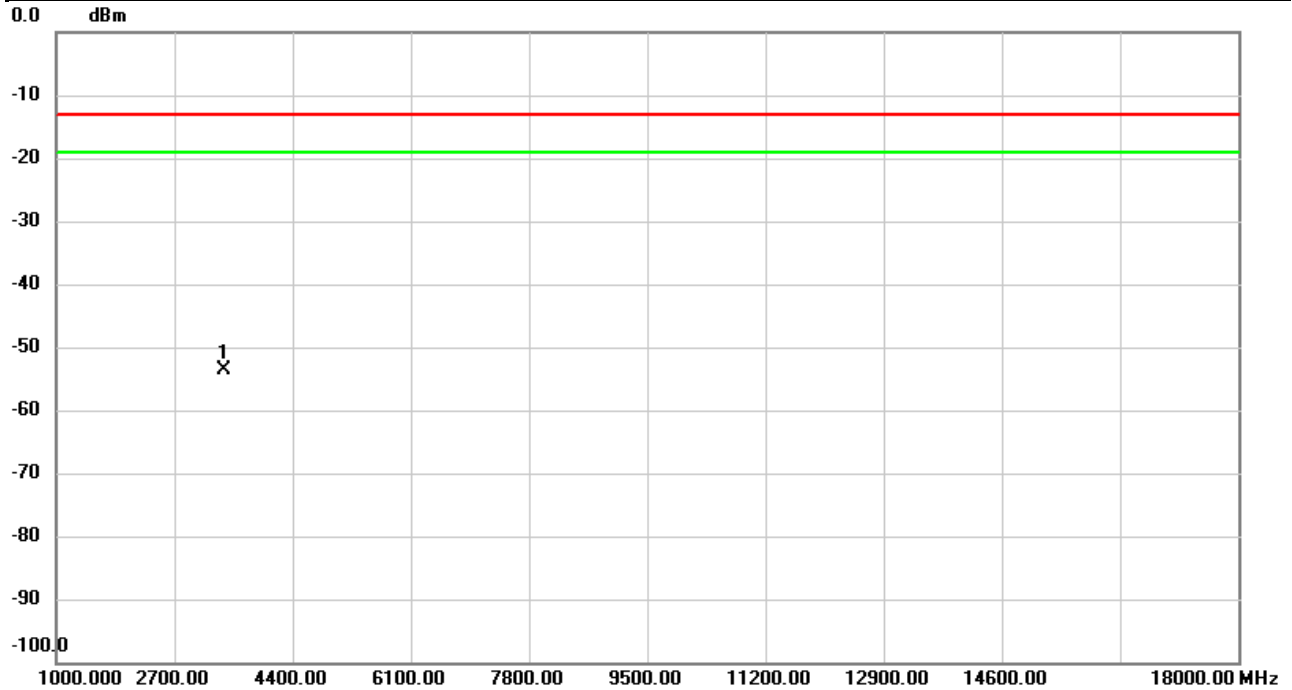


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3420.000	-62.51	9.93	-52.58	-13.00	-39.58	peak	

REMARKS:

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

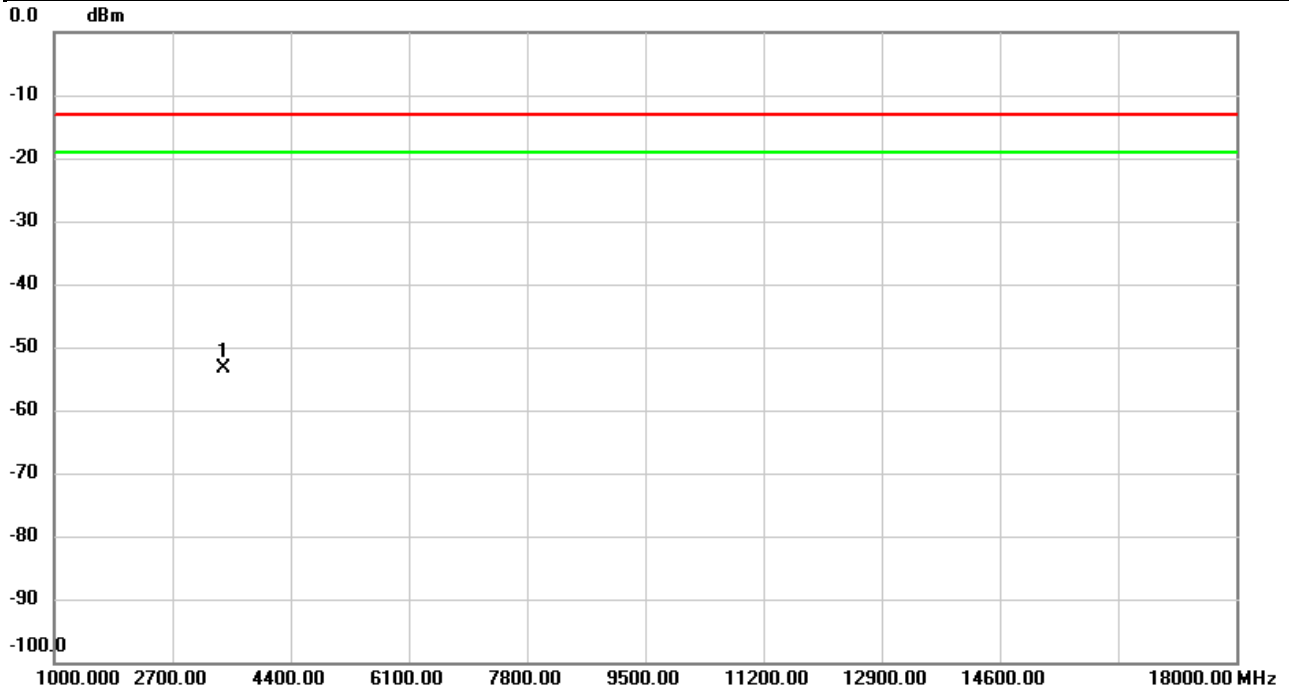
Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20050	Polarization	Horizontal
Temp	22°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3420.000	-63.48	9.77	-53.71	-13.00	-40.71	peak	

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

Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20175	Polarization	Vertical
Temp	22°C	Hum.	57%

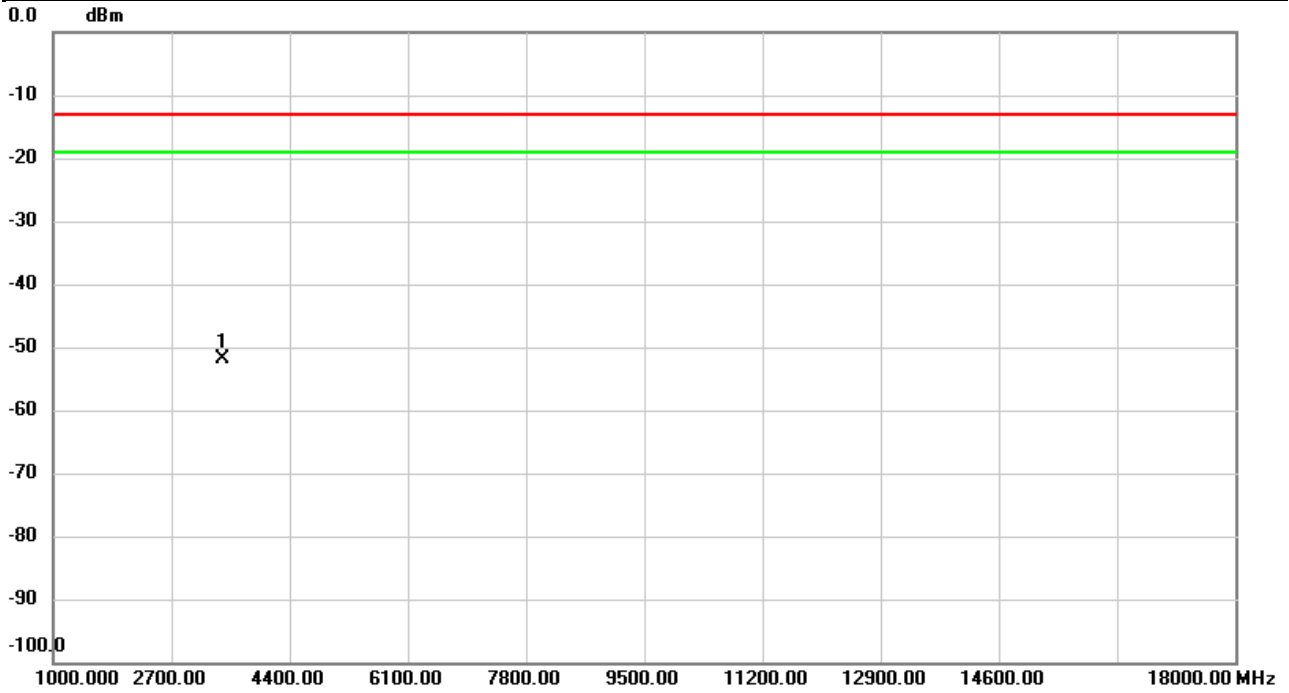


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3445.000	-63.42	10.17	-53.25	-13.00	-40.25	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20175	Polarization	Horizontal
Temp	22°C	Hum.	57%

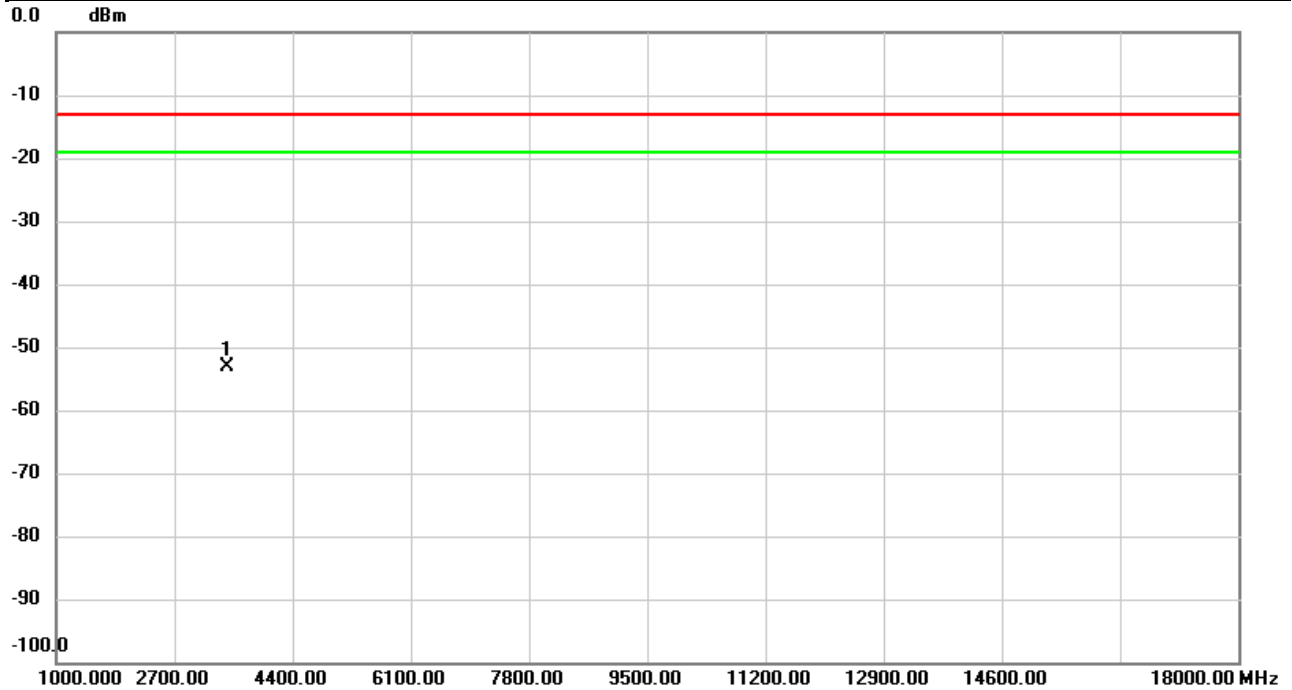


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3445.000	-62.01	10.11	-51.90	-13.00	-38.90	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20300	Polarization	Vertical
Temp	22°C	Hum.	57%

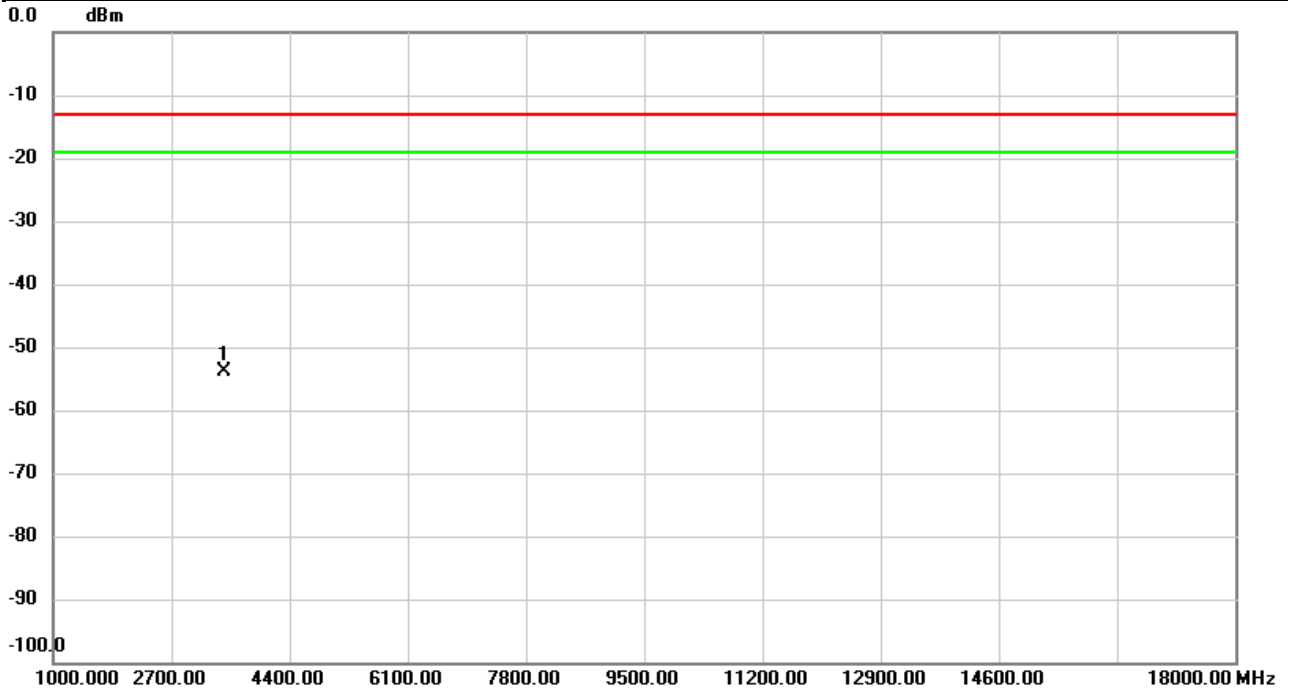


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3470.000	-63.27	10.15	-53.12	-13.00	-40.12	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2023/12/21
Test Channel	CH20300	Polarization	Horizontal
Temp	22°C	Hum.	57%

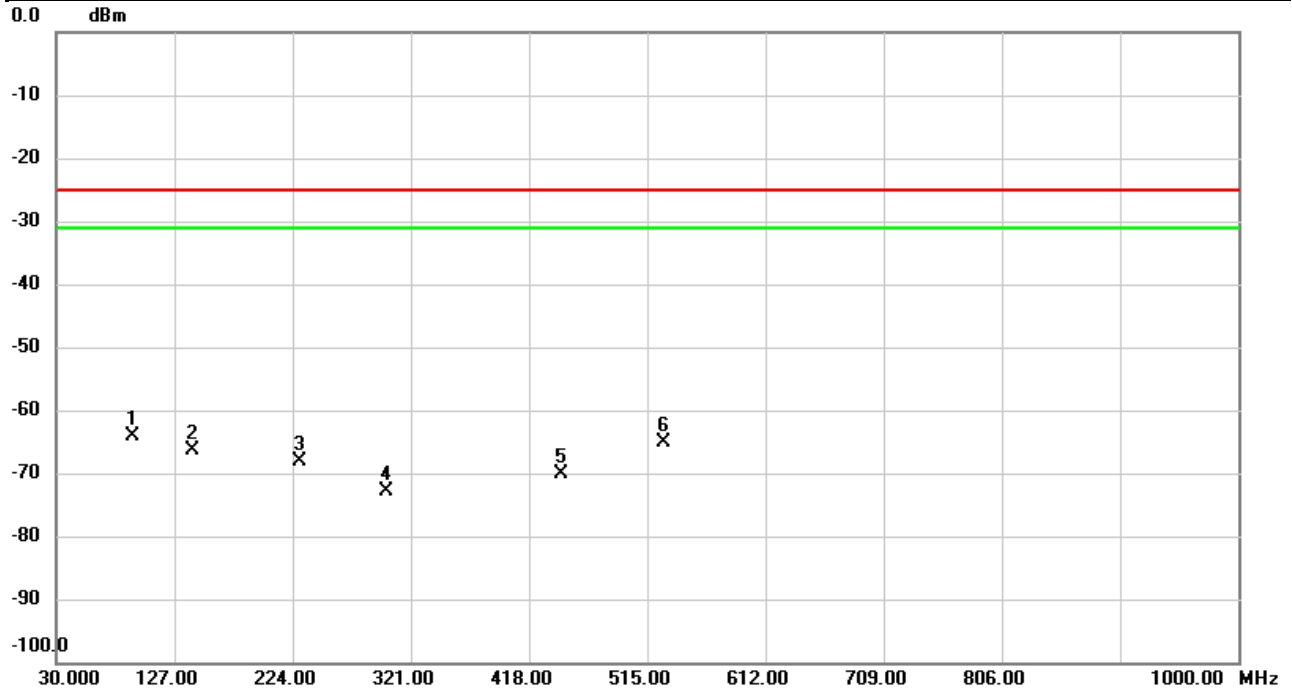


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3470.000	-63.94	10.12	-53.82	-13.00	-40.82	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/26
Test Channel	CH21350	Polarization	Vertical
Temp	21°C	Hum.	59%

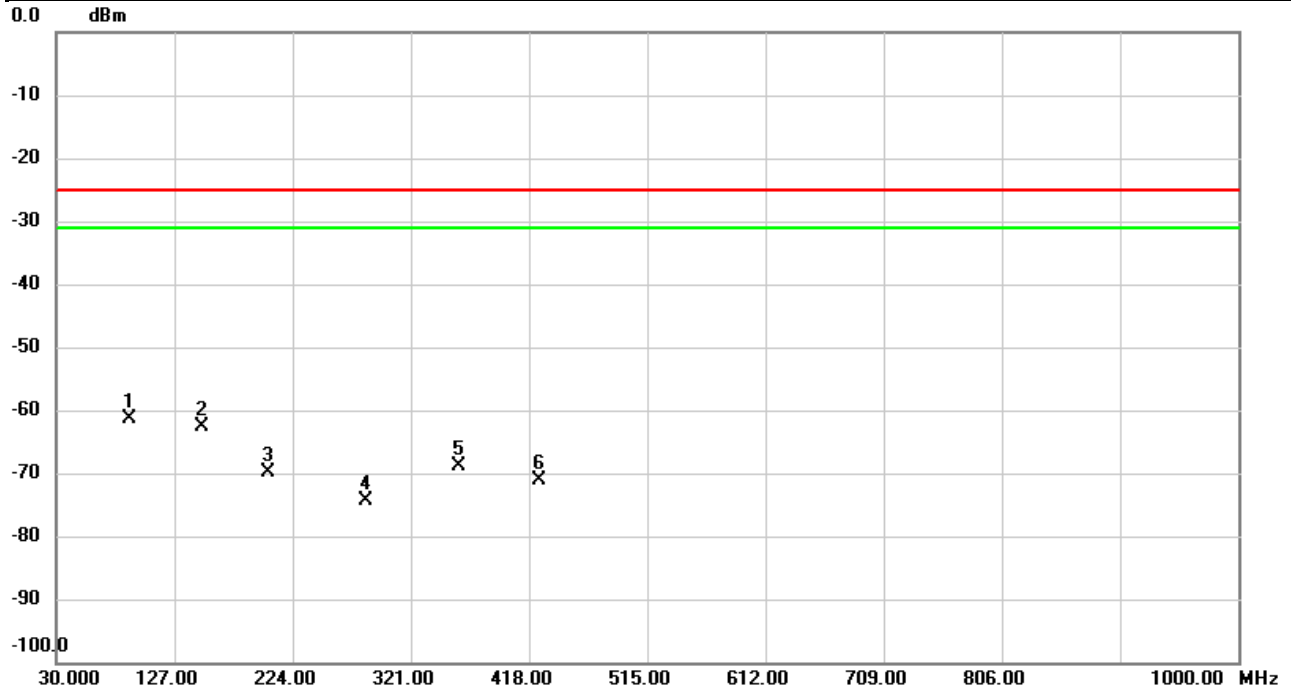


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	92.1447	-60.63	-3.58	-64.21	-25.00	-39.21	peak	
2		142.0997	-65.47	-1.02	-66.49	-25.00	-41.49	peak	
3		229.8200	-67.57	-0.64	-68.21	-25.00	-43.21	peak	
4		300.7916	-71.66	-1.14	-72.80	-25.00	-47.80	peak	
5		444.7397	-70.90	0.68	-70.22	-25.00	-45.22	peak	
6		528.1597	-68.90	3.72	-65.18	-25.00	-40.18	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/26
Test Channel	CH21350	Polarization	Horizontal
Temp	21°C	Hum.	59%

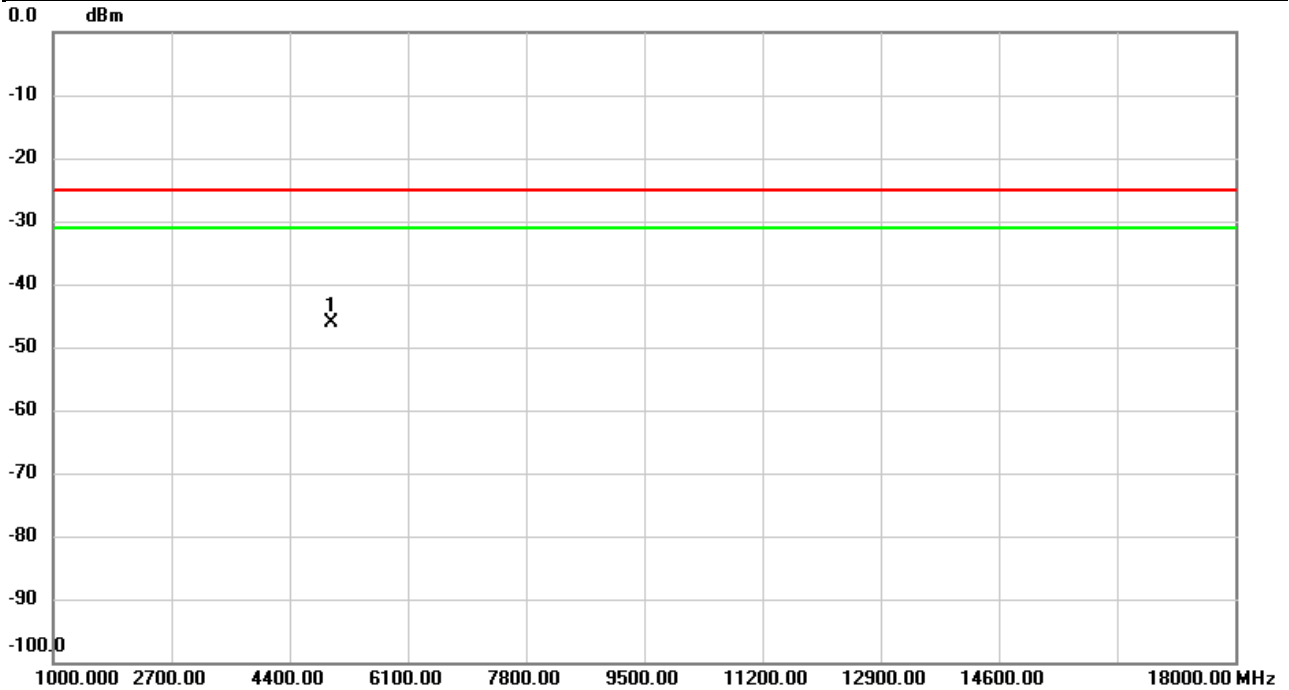


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	90.1400	-55.27	-6.18	-61.45	-25.00	-36.45	peak	
2		150.0213	-59.18	-3.48	-62.66	-25.00	-37.66	peak	
3		203.9857	-62.60	-7.33	-69.93	-25.00	-44.93	peak	
4		284.3662	-69.82	-4.54	-74.36	-25.00	-49.36	peak	
5		360.1557	-68.34	-0.45	-68.79	-25.00	-43.79	peak	
6		426.7623	-70.99	-0.06	-71.05	-25.00	-46.05	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH20850	Polarization	Vertical
Temp	22°C	Hum.	57%

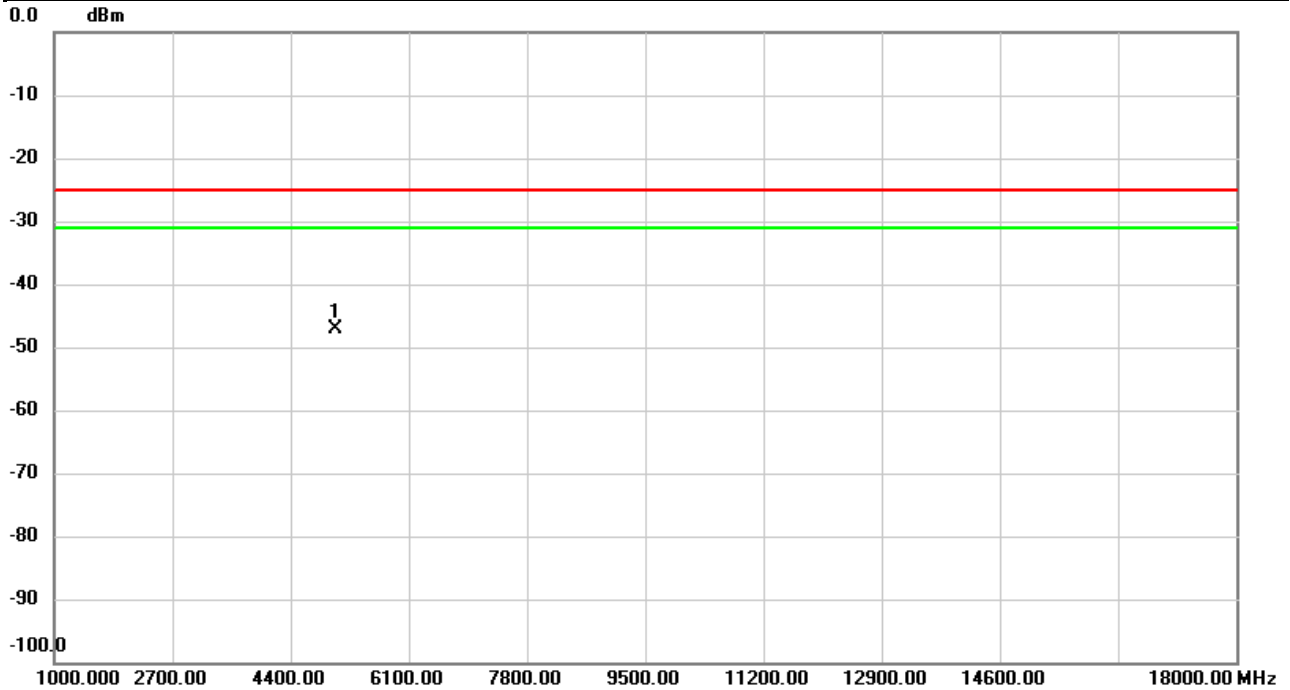


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5004.067	-59.72	13.48	-46.24	-25.00	-21.24	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH20850	Polarization	Horizontal
Temp	22°C	Hum.	57%

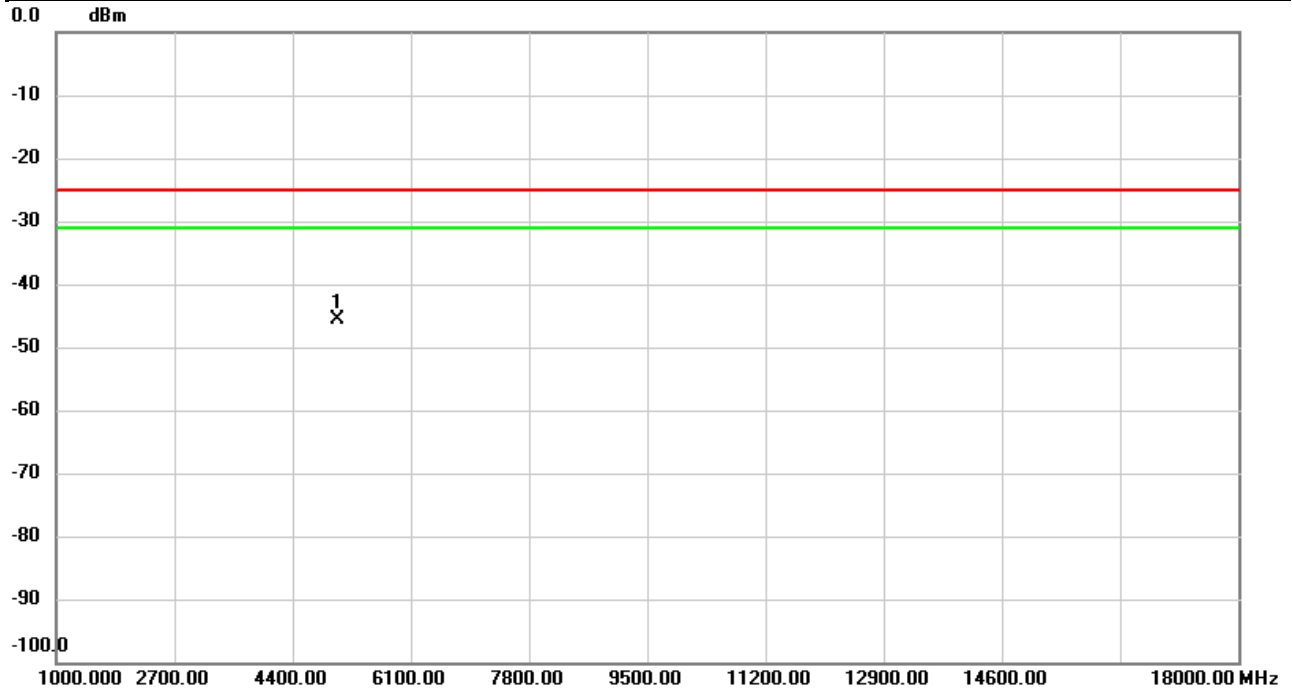


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5036.367	-61.15	13.94	-47.21	-25.00	-22.21	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH21100	Polarization	Vertical
Temp	22°C	Hum.	57%

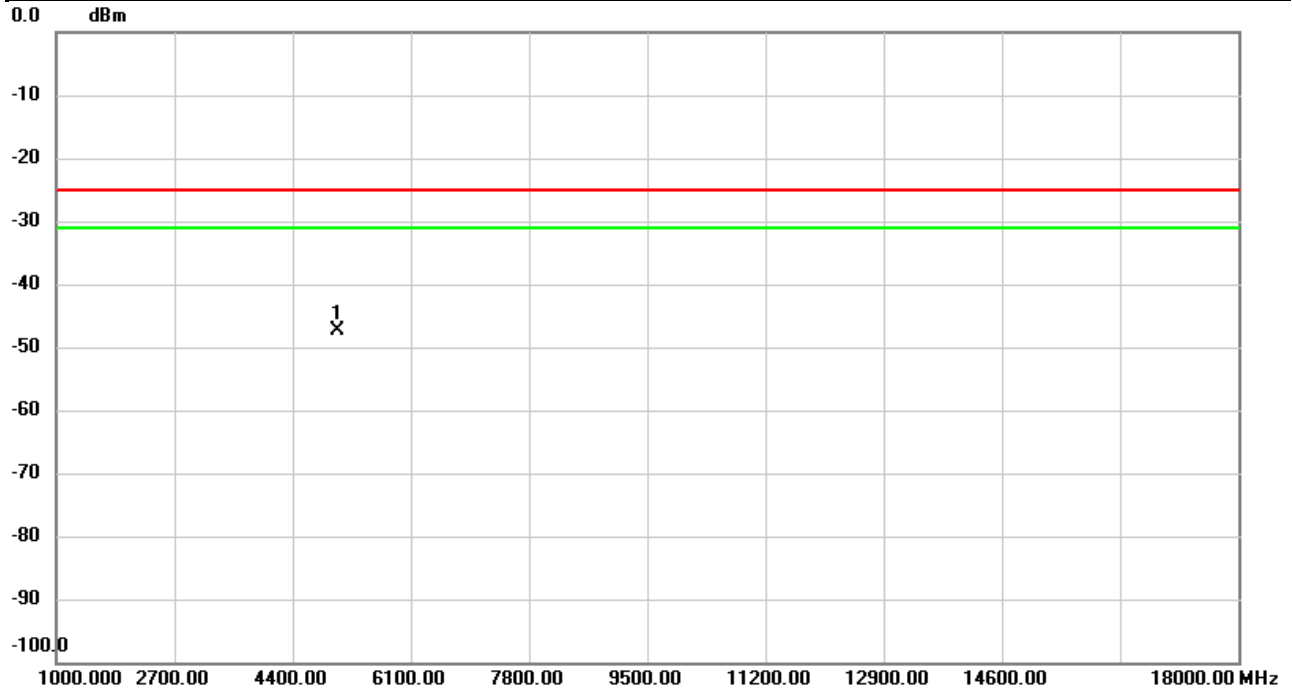


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5053.933	-59.69	14.07	-45.62	-25.00	-20.62	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH21100	Polarization	Horizontal
Temp	22°C	Hum.	57%

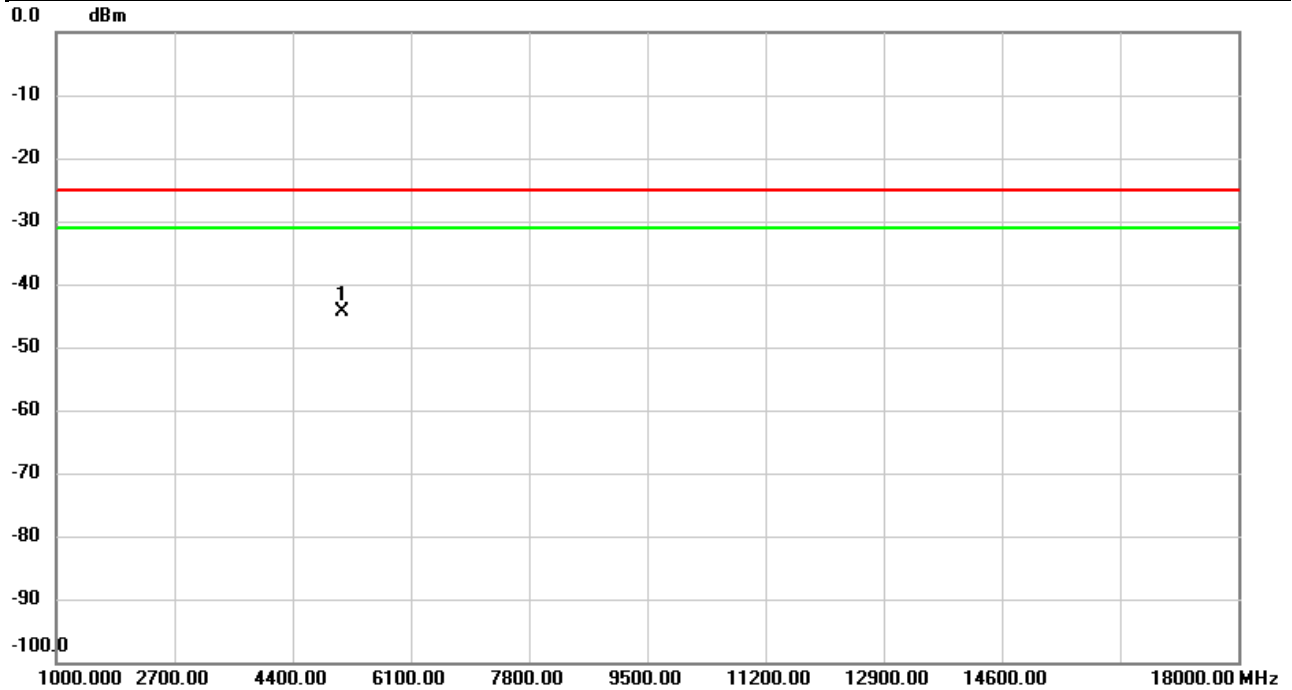


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5053.933	-61.48	14.13	-47.35	-25.00	-22.35	peak	

REMARKS:

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

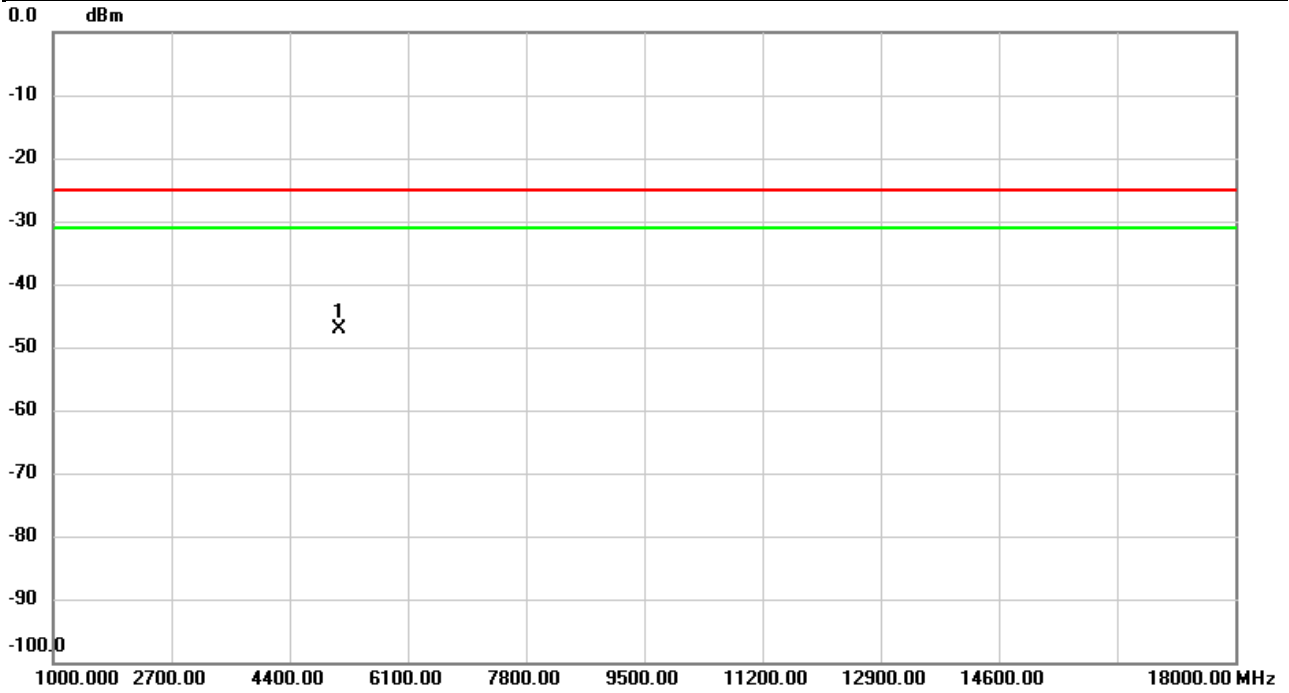
Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH21350	Polarization	Vertical
Temp	22°C	Hum.	57%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5103.800	-58.15	13.86	-44.29	-25.00	-19.29	peak	

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

Test Mode	LTE Band 7	Test Date	2023/12/21
Test Channel	CH21350	Polarization	Horizontal
Temp	22°C	Hum.	57%

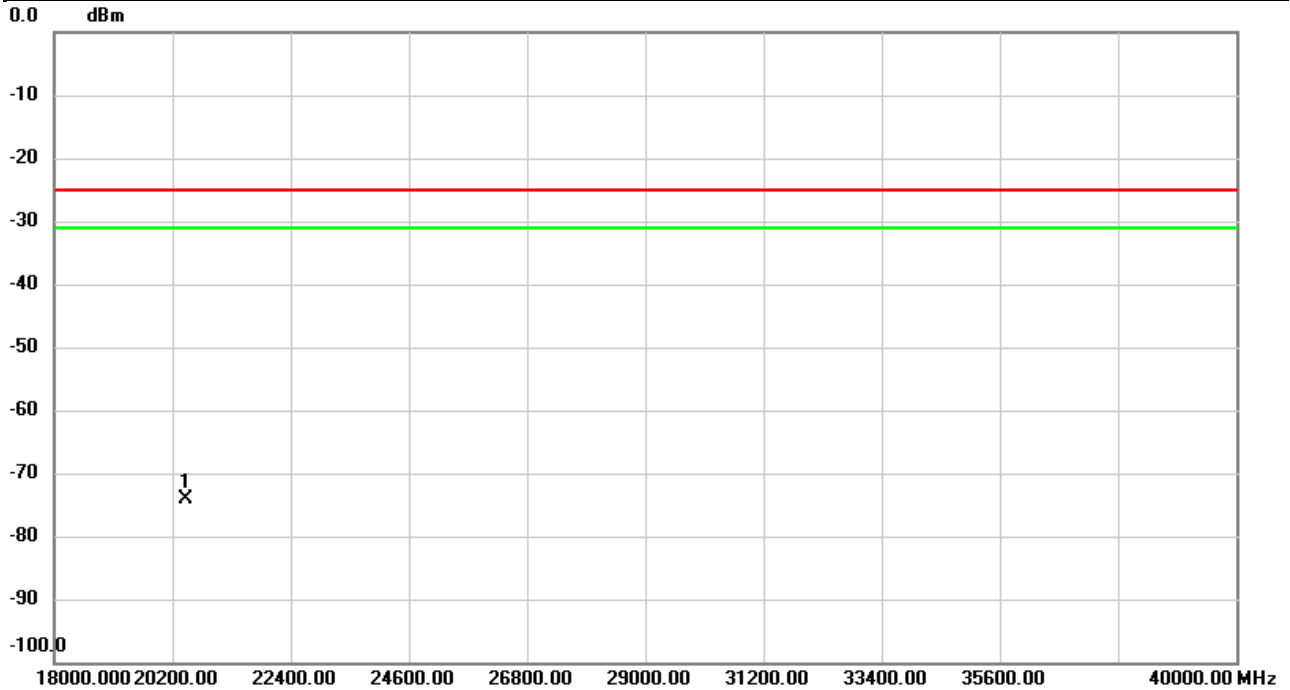


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5103.800	-61.00	13.88	-47.12	-25.00	-22.12	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/27
Test Channel	CH21350	Polarization	Horizontal
Temp	23°C	Hum.	58%

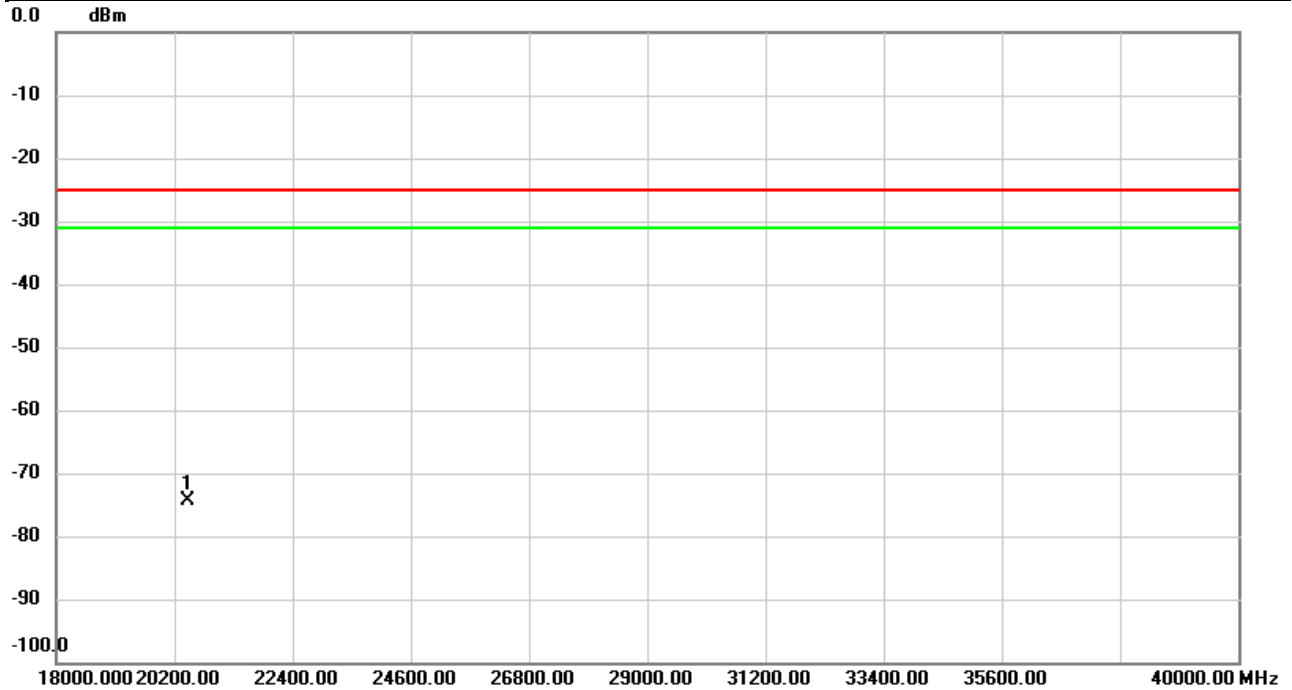


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20460.00	-67.22	-6.92	-74.14	-25.00	-49.14	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2023/12/27
Test Channel	CH21350	Polarization	Horizontal
Temp	23°C	Hum.	58%

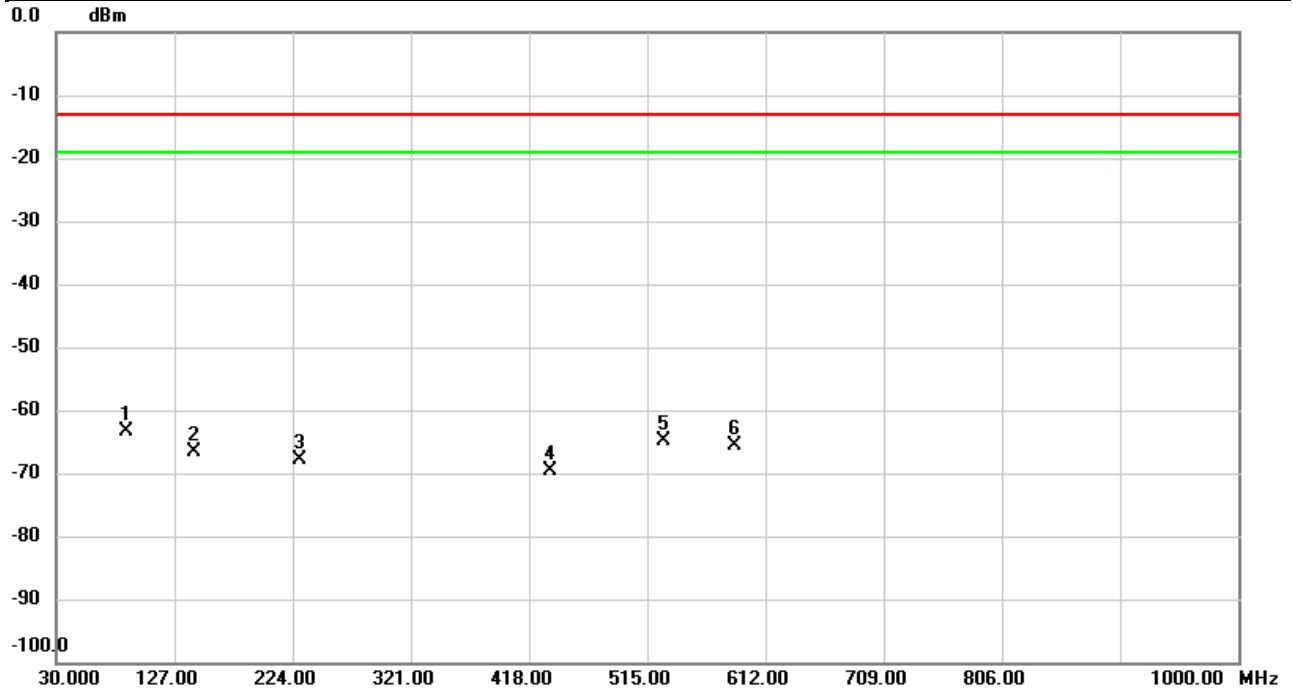


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20460.00	-67.36	-6.92	-74.28	-25.00	-49.28	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/26
Test Channel	CH23060	Polarization	Vertical
Temp	21°C	Hum.	59%

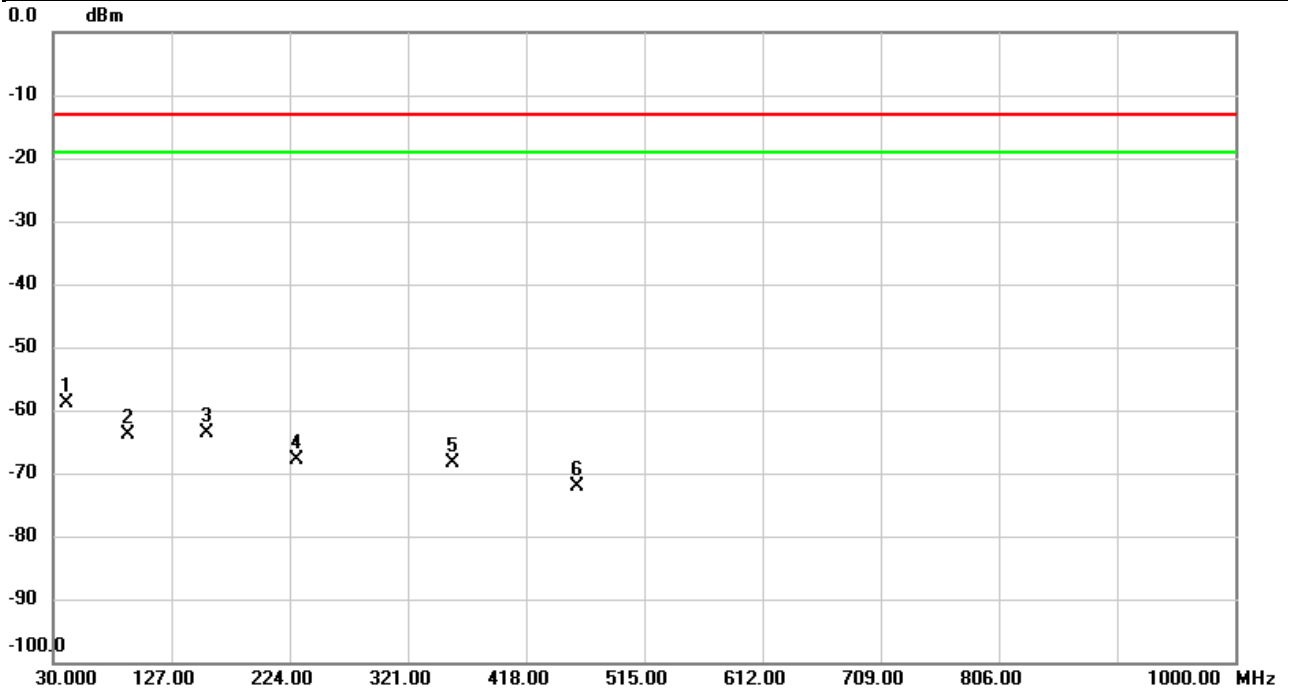


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	87.6503	-59.71	-3.54	-63.25	-13.00	-50.25	peak	
2		142.7463	-65.57	-0.99	-66.56	-13.00	-53.56	peak	
3		229.8523	-67.15	-0.64	-67.79	-13.00	-54.79	peak	
4		435.2013	-70.08	0.52	-69.56	-13.00	-56.56	peak	
5		529.1620	-68.72	3.77	-64.95	-13.00	-51.95	peak	
6		586.6183	-70.95	5.24	-65.71	-13.00	-52.71	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/26
Test Channel	CH23060	Polarization	Horizontal
Temp	21°C	Hum.	59%

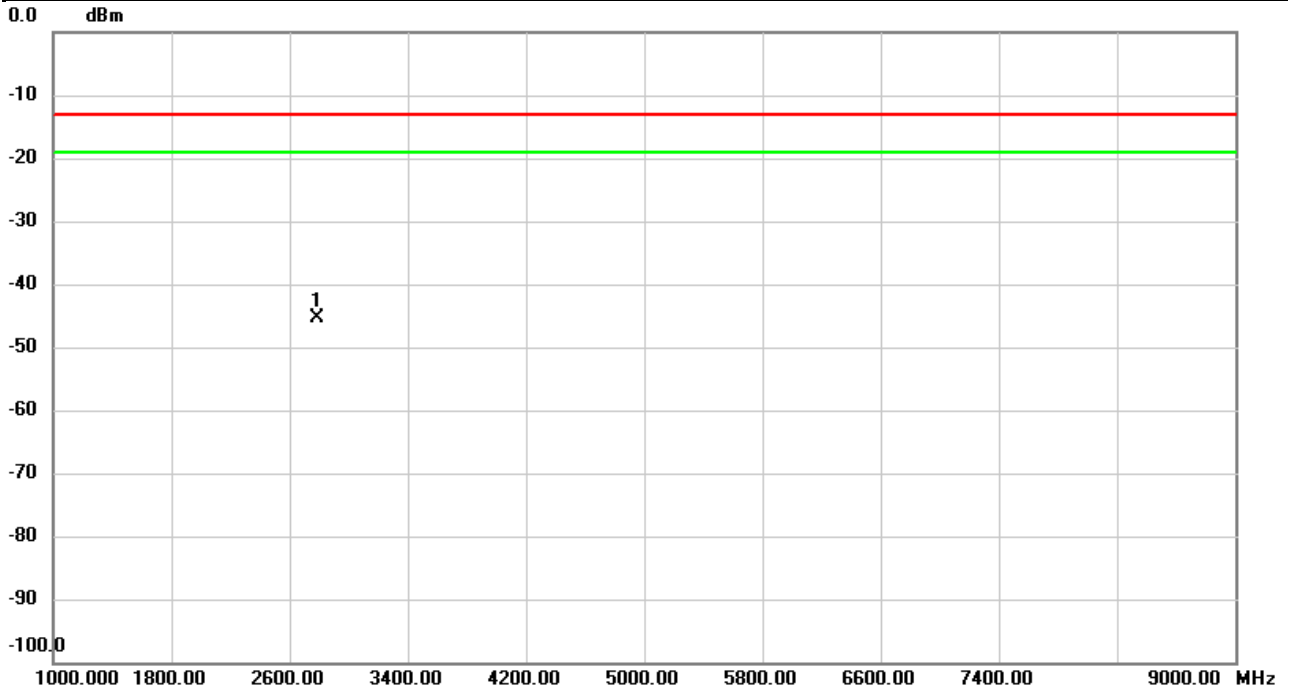


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	41.0902	-62.70	3.89	-58.81	-13.00	-45.81	peak	
2		91.0453	-57.74	-6.14	-63.88	-13.00	-50.88	peak	
3		155.8737	-59.79	-3.73	-63.52	-13.00	-50.52	peak	
4		229.8523	-62.19	-5.75	-67.94	-13.00	-54.94	peak	
5		358.3450	-67.99	-0.45	-68.44	-13.00	-55.44	peak	
6		459.5807	-72.34	0.22	-72.12	-13.00	-59.12	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23060	Polarization	Vertical
Temp	21°C	Hum.	58%

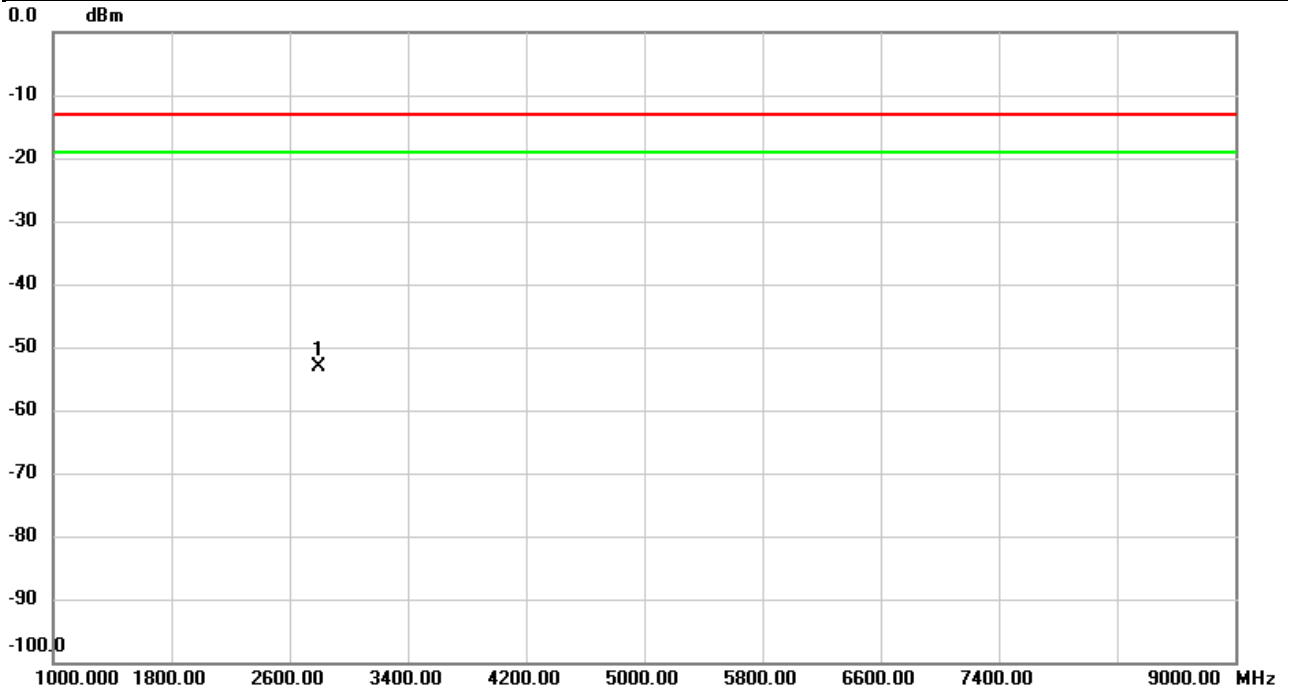


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2788.267	-54.40	8.91	-45.49	-13.00	-32.49	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23060	Polarization	Horizontal
Temp	21°C	Hum.	58%

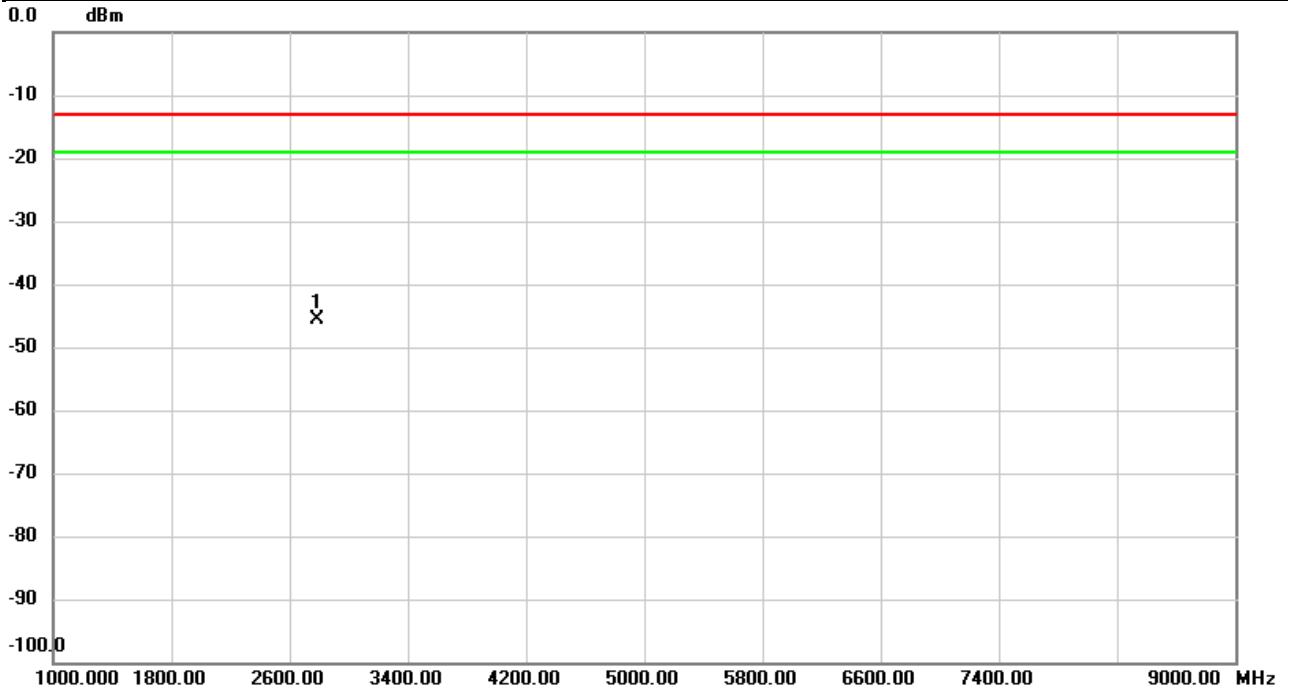


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2796.000	-61.83	8.69	-53.14	-13.00	-40.14	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23095	Polarization	Vertical
Temp	21°C	Hum.	58%

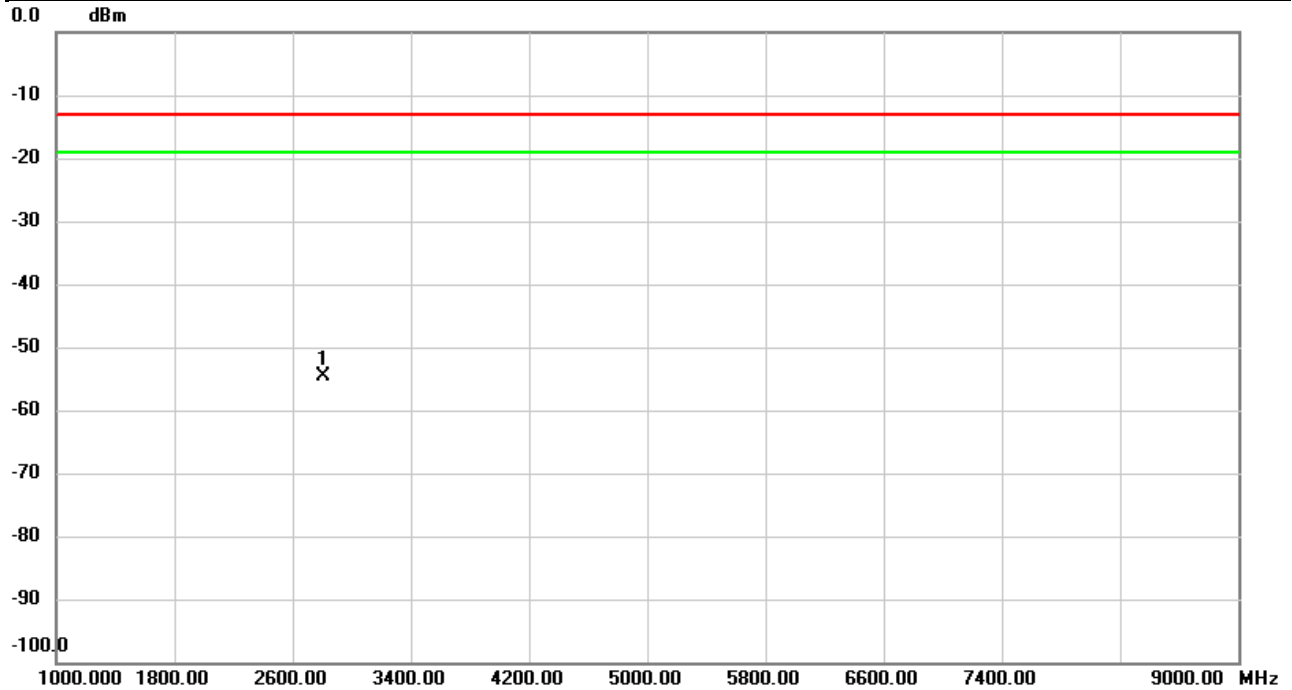


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2789.067	-54.61	8.91	-45.70	-13.00	-32.70	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23095	Polarization	Horizontal
Temp	21°C	Hum.	58%

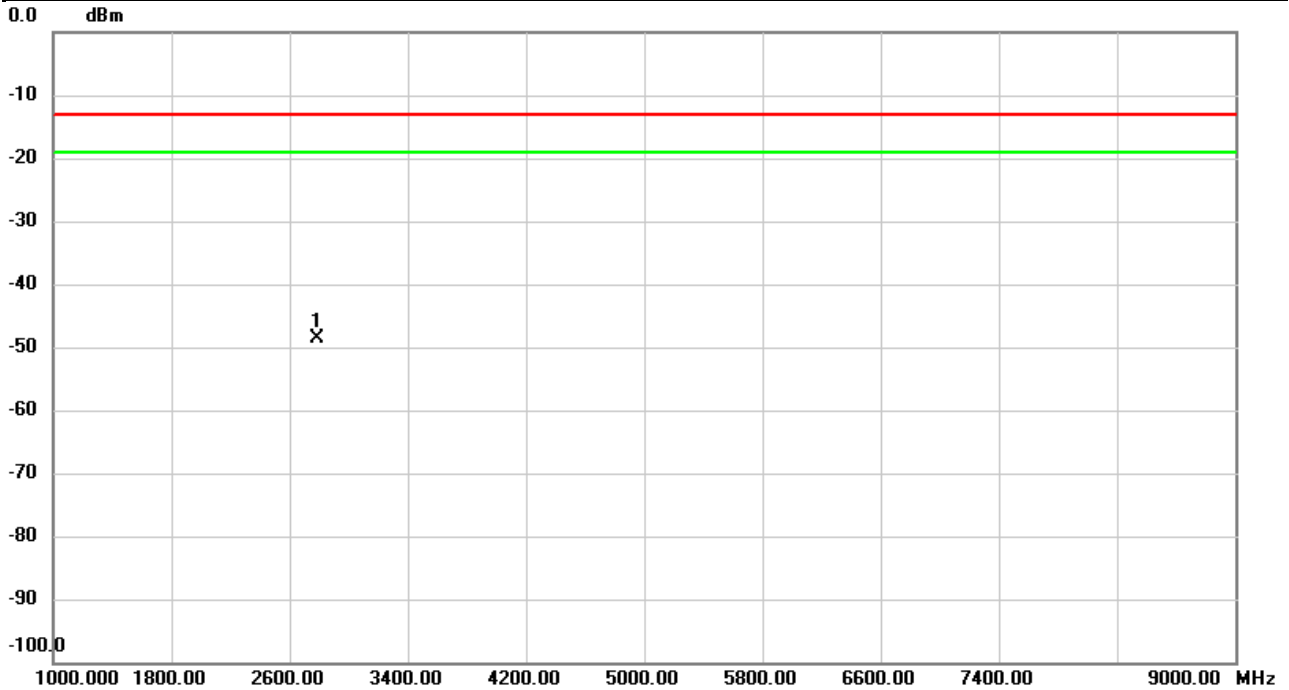


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2810.000	-63.48	8.76	-54.72	-13.00	-41.72	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23130	Polarization	Vertical
Temp	21°C	Hum.	58%

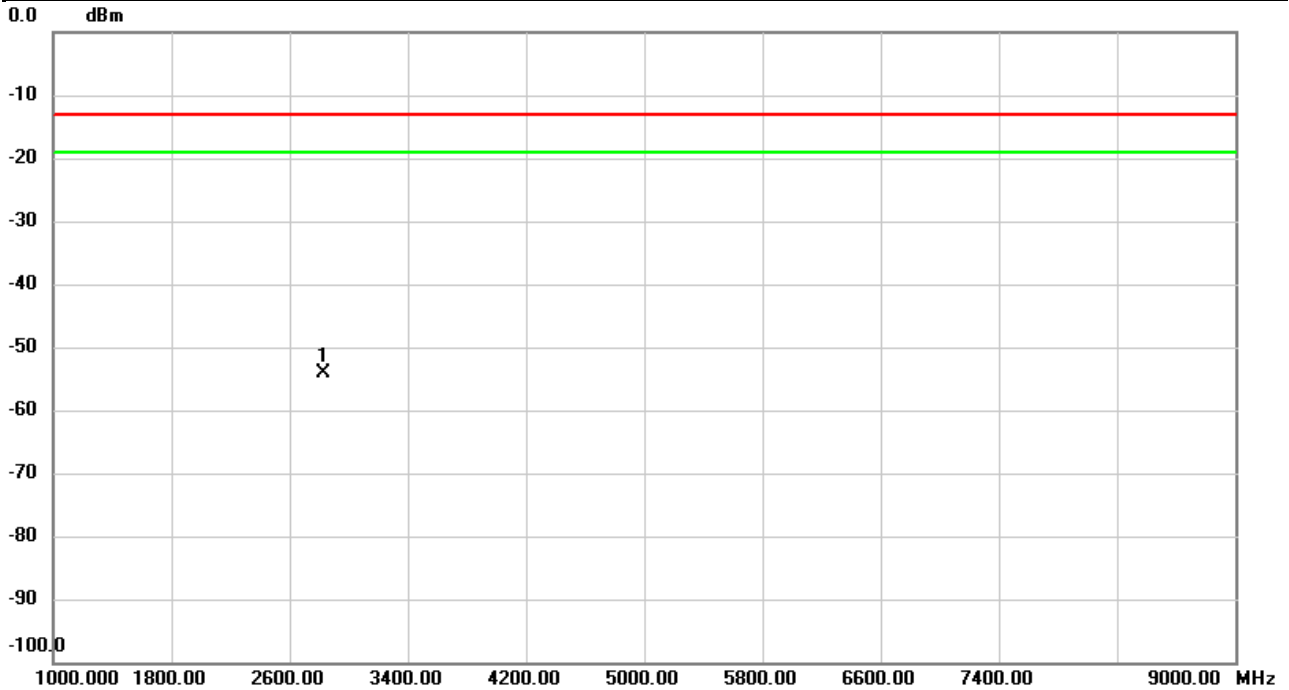


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2789.067	-57.46	8.91	-48.55	-13.00	-35.55	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2023/12/25
Test Channel	CH23130	Polarization	Horizontal
Temp	21°C	Hum.	58%

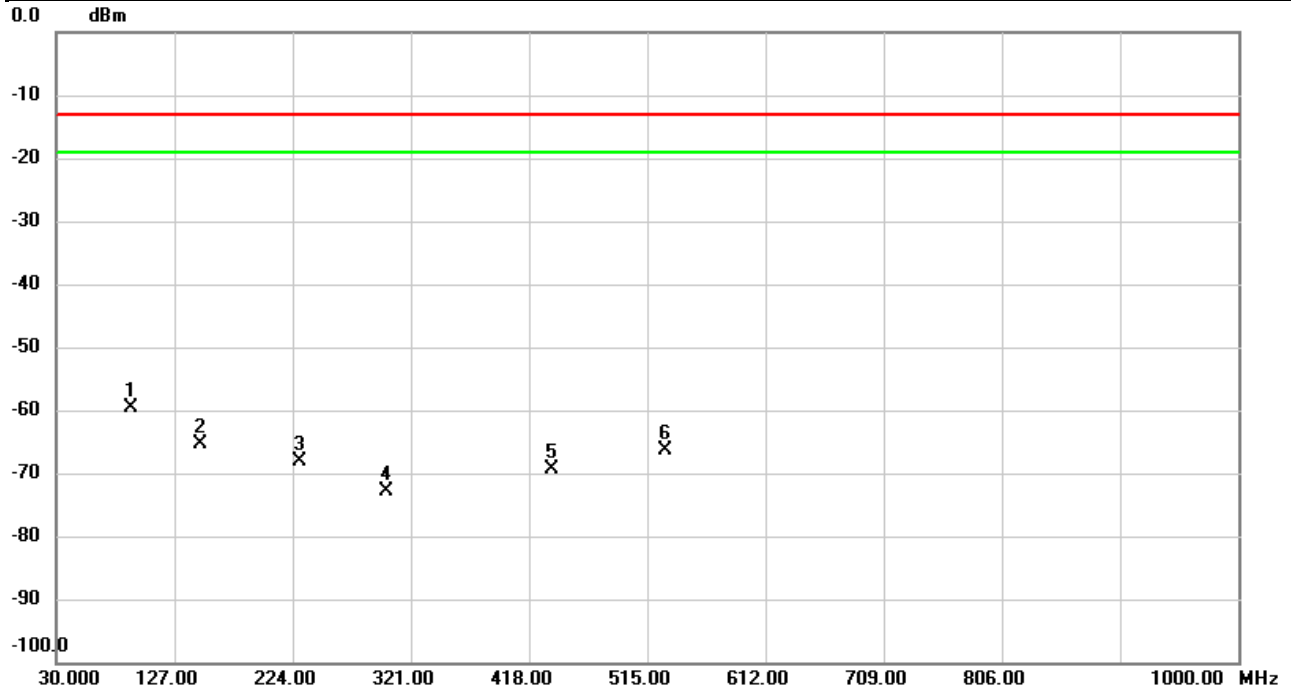


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2824.000	-63.07	8.84	-54.23	-13.00	-41.23	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2023/12/26
Test Channel	CH23230	Polarization	Vertical
Temp	21°C	Hum.	59%

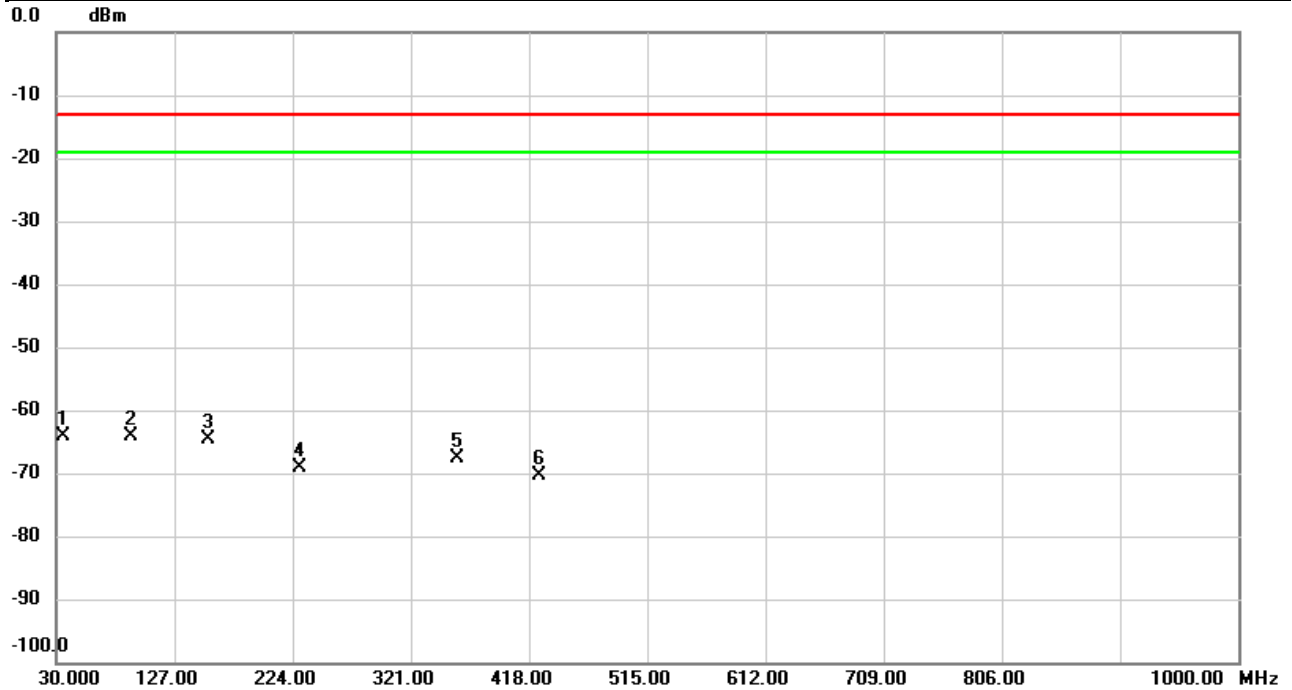


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.3040	-56.08	-3.52	-59.60	-13.00	-46.60	peak	
2		148.0813	-64.75	-0.71	-65.46	-13.00	-52.46	peak	
3		229.7553	-67.41	-0.65	-68.06	-13.00	-55.06	peak	
4		300.7916	-71.65	-1.14	-72.79	-13.00	-59.79	peak	
5		436.3977	-69.79	0.54	-69.25	-13.00	-56.25	peak	
6		529.3883	-70.22	3.79	-66.43	-13.00	-53.43	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2023/12/26
Test Channel	CH23230	Polarization	Horizontal
Temp	21°C	Hum.	59%

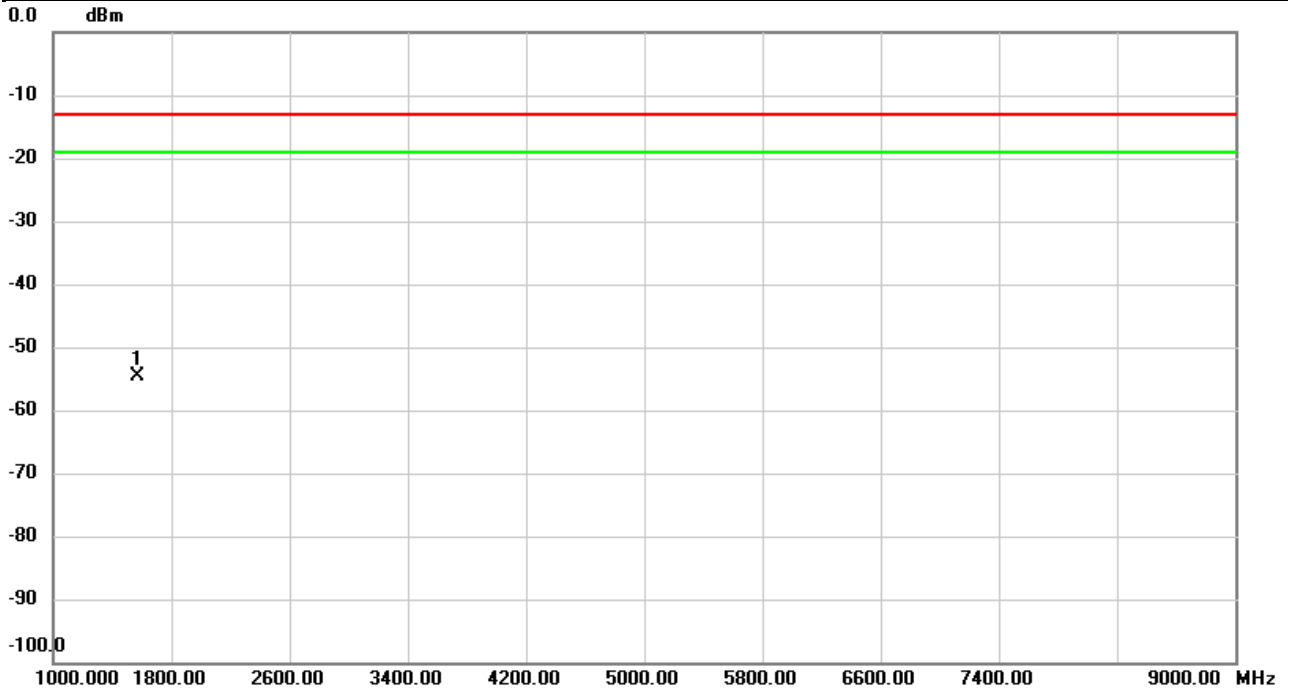


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		36.0463	-68.44	4.38	-64.06	-13.00	-51.06	peak	
2	*	91.4333	-57.88	-6.12	-64.00	-13.00	-51.00	peak	
3		154.6450	-60.98	-3.68	-64.66	-13.00	-51.66	peak	
4		229.7877	-63.33	-5.76	-69.09	-13.00	-56.09	peak	
5		358.6036	-67.29	-0.45	-67.74	-13.00	-54.74	peak	
6		426.5360	-70.26	-0.06	-70.32	-13.00	-57.32	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2023/12/25
Test Channel	CH23230	Polarization	Vertical
Temp	21°C	Hum.	58%

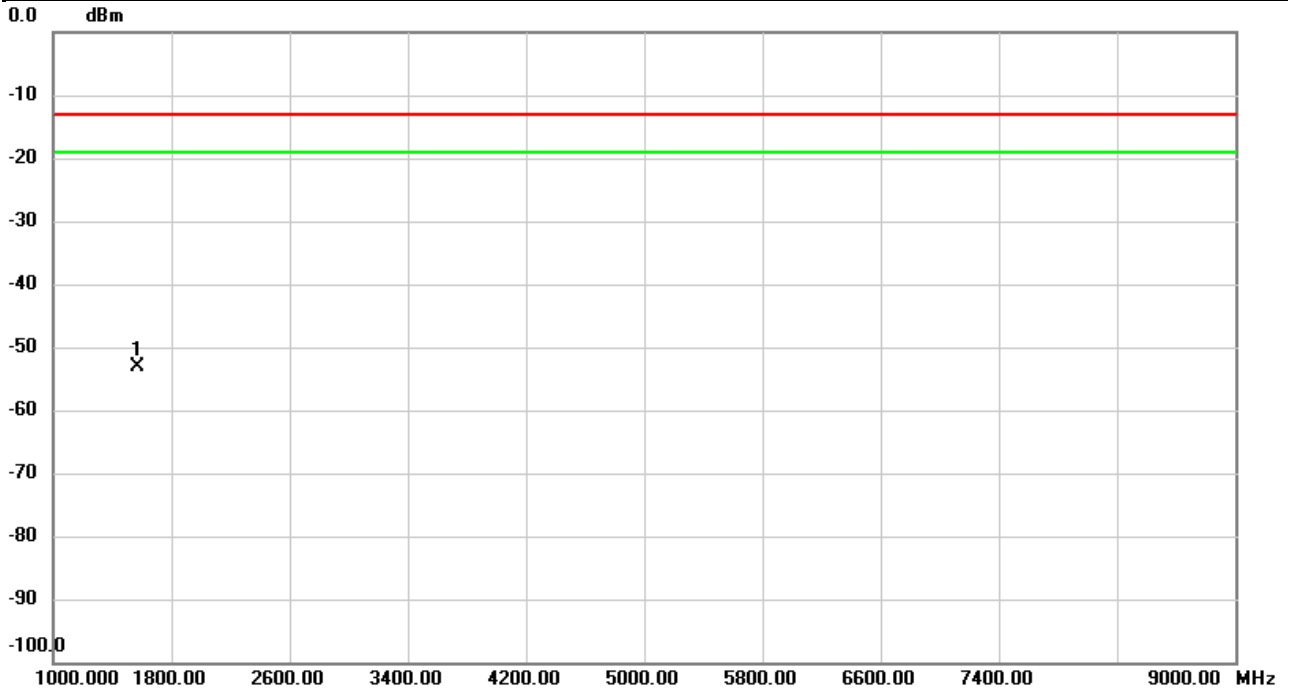


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1572.267	-59.12	4.58	-54.54	-13.00	-41.54	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2023/12/25
Test Channel	CH23230	Polarization	Horizontal
Temp	21°C	Hum.	58%

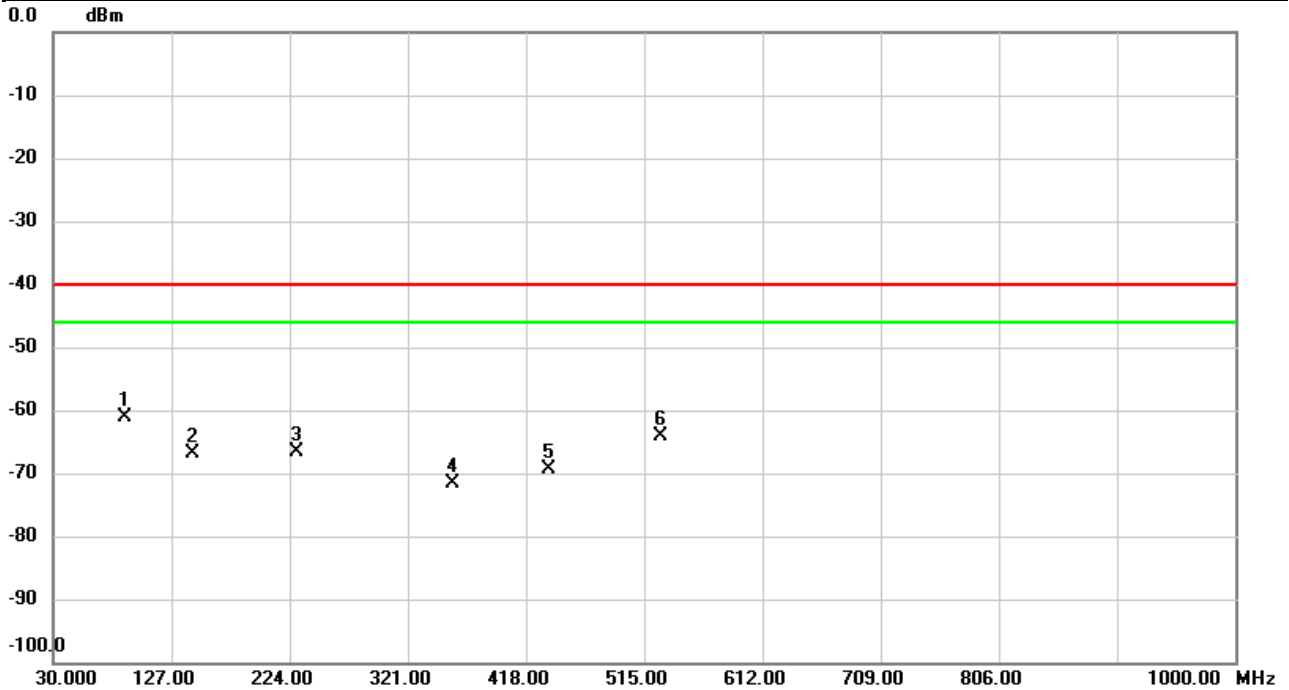


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1572.800	-57.73	4.67	-53.06	-13.00	-40.06	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/26
Test Channel	CH27710	Polarization	Vertical
Temp	21°C	Hum.	59%

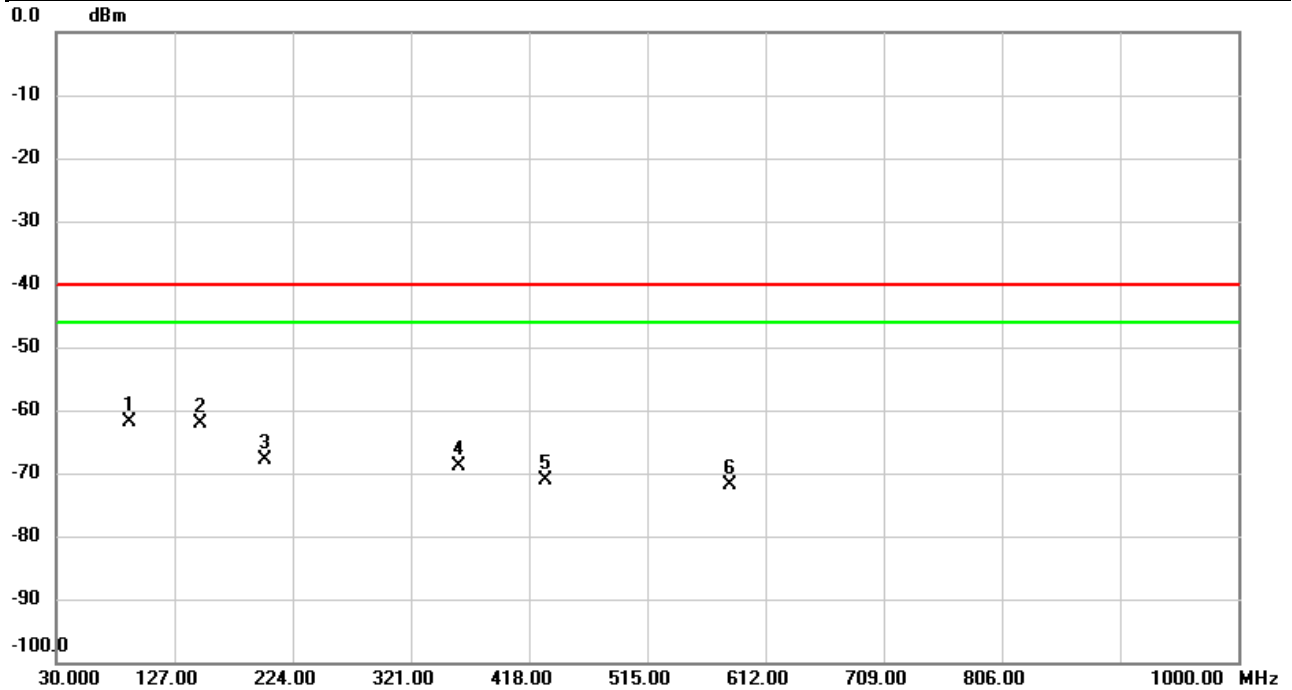


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	88.2970	-57.69	-3.51	-61.20	-40.00	-21.20	peak	
2		144.5247	-66.06	-0.89	-66.95	-40.00	-26.95	peak	
3		229.6583	-65.84	-0.66	-66.50	-40.00	-26.50	peak	
4		358.0540	-71.13	-0.56	-71.69	-40.00	-31.69	peak	
5		436.2037	-69.87	0.53	-69.34	-40.00	-29.34	peak	
6		528.3537	-67.79	3.73	-64.06	-40.00	-24.06	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/26
Test Channel	CH27710	Polarization	Horizontal
Temp	21°C	Hum.	59%

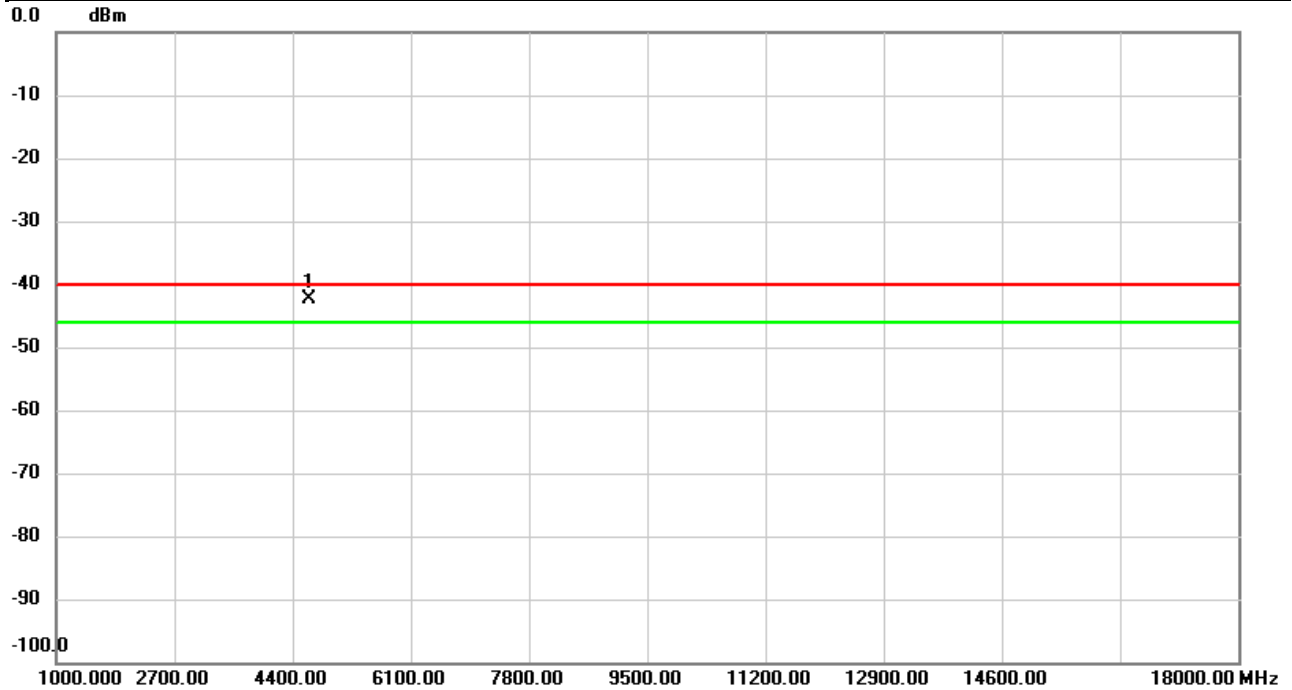


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	90.0430	-55.75	-6.19	-61.94	-40.00	-21.94	peak	
2		147.8227	-58.71	-3.47	-62.18	-40.00	-22.18	peak	
3		201.7547	-60.44	-7.35	-67.79	-40.00	-27.79	peak	
4		360.6407	-68.37	-0.45	-68.82	-40.00	-28.82	peak	
5		432.0973	-71.02	-0.02	-71.04	-40.00	-31.04	peak	
6		582.4150	-73.80	1.98	-71.82	-40.00	-31.82	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/21
Test Channel	CH27710	Polarization	Vertical
Temp	22°C	Hum.	57%

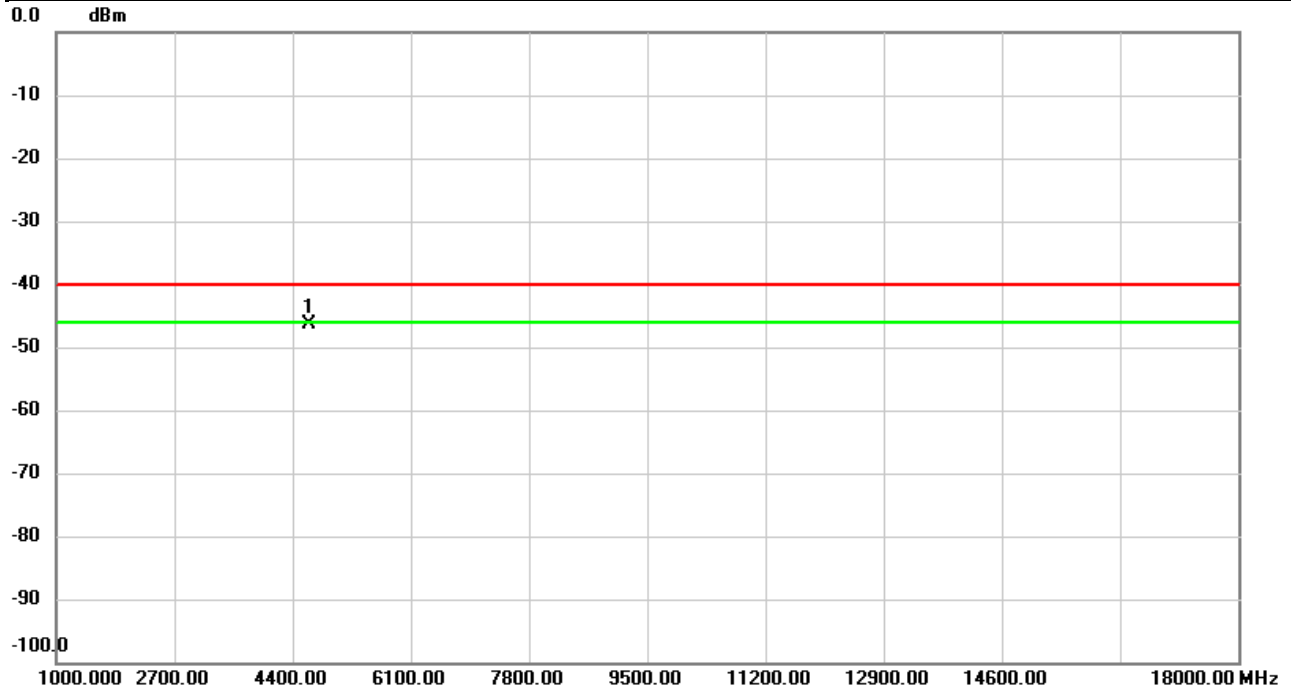


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	4628.367	-55.32	12.87	-42.45	-40.00	-2.45	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/21
Test Channel	CH27710	Polarization	Horizontal
Temp	22°C	Hum.	57%

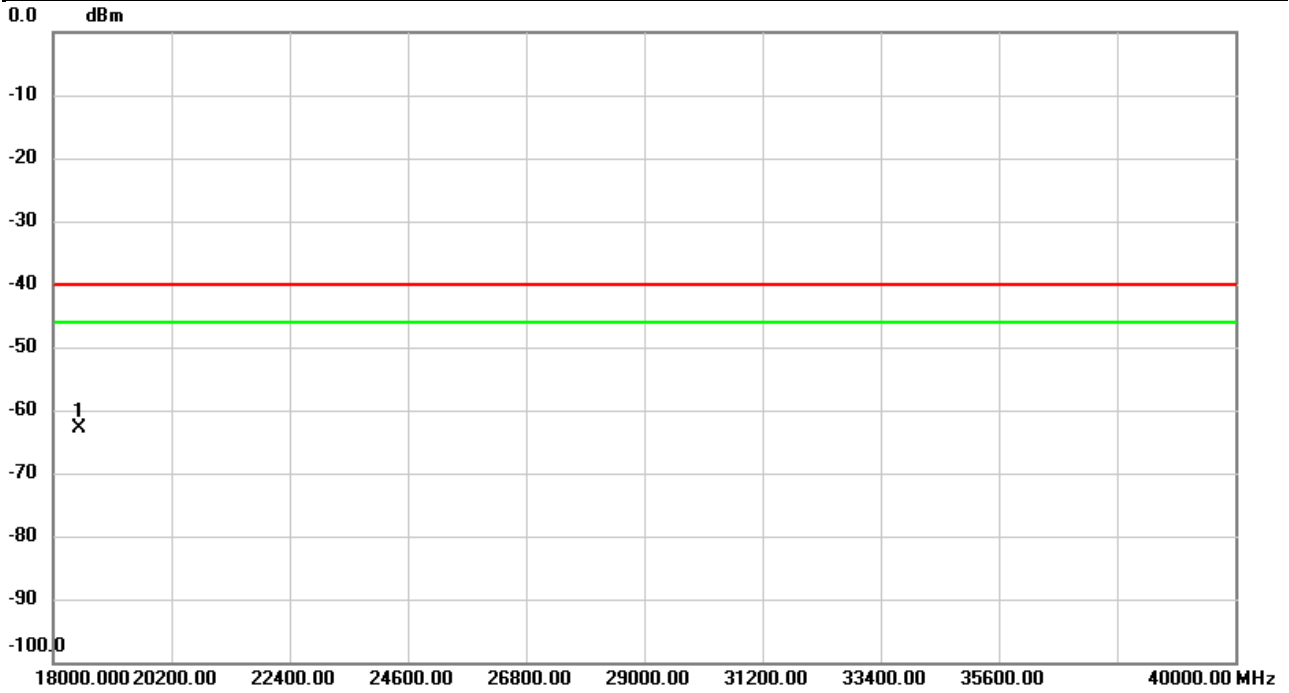


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	4628.367	-59.27	12.85	-46.42	-40.00	-6.42	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/27
Test Channel	CH27710	Polarization	Vertical
Temp	23°C	Hum.	58%

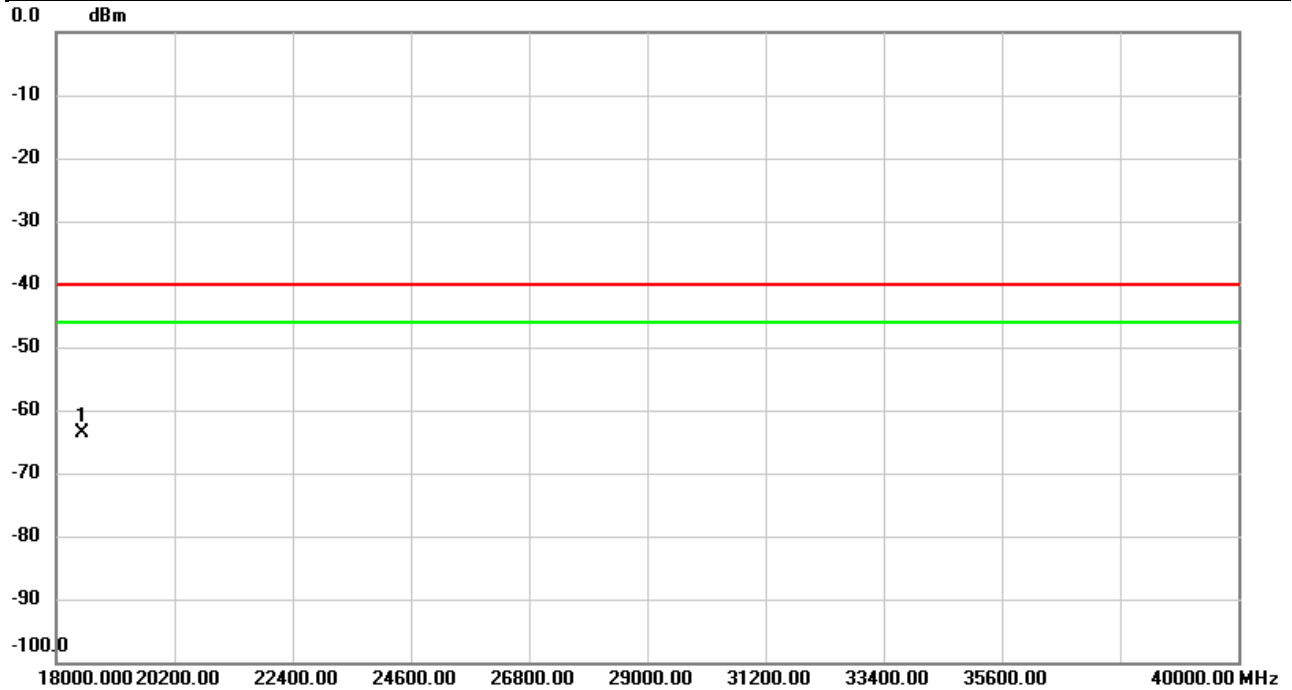


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18480.00	-57.01	-5.79	-62.80	-40.00	-22.80	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2023/12/27
Test Channel	CH27710	Polarization	Horizontal
Temp	23°C	Hum.	58%

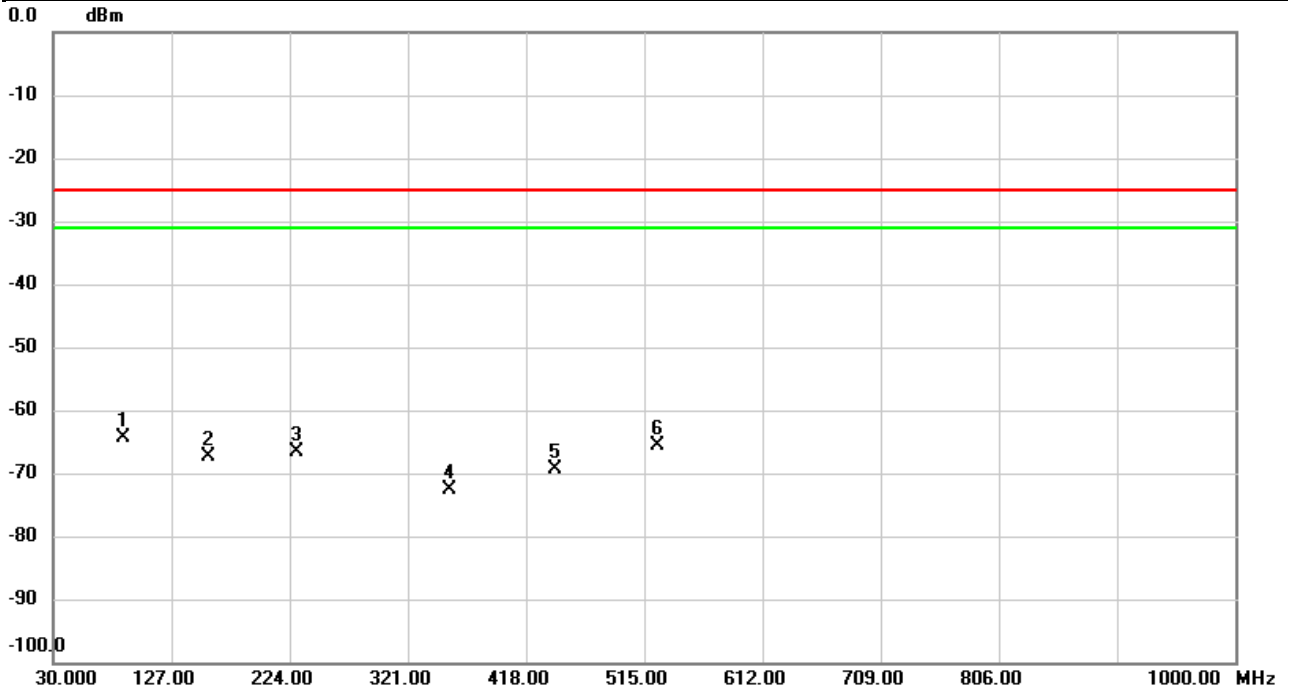


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18480.00	-57.75	-5.79	-63.54	-40.00	-23.54	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/26
Test Channel	CH38150	Polarization	Vertical
Temp	21°C	Hum.	59%

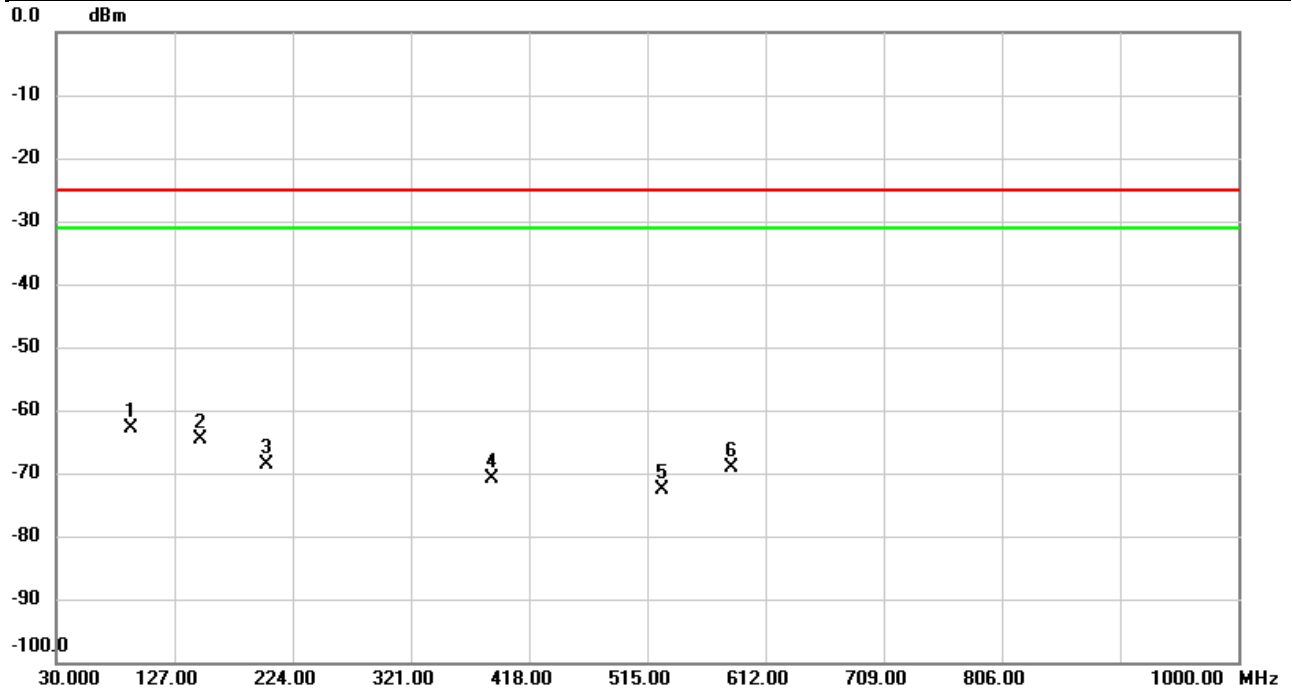


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	87.5857	-60.72	-3.54	-64.26	-25.00	-39.26	peak	
2		157.1023	-67.19	-0.16	-67.35	-25.00	-42.35	peak	
3		229.5937	-65.98	-0.67	-66.65	-25.00	-41.65	peak	
4		355.3703	-72.03	-0.59	-72.62	-25.00	-47.62	peak	
5		442.2500	-69.94	0.64	-69.30	-25.00	-44.30	peak	
6		525.8640	-69.30	3.59	-65.71	-25.00	-40.71	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/26
Test Channel	CH38150	Polarization	Horizontal
Temp	21°C	Hum.	59%

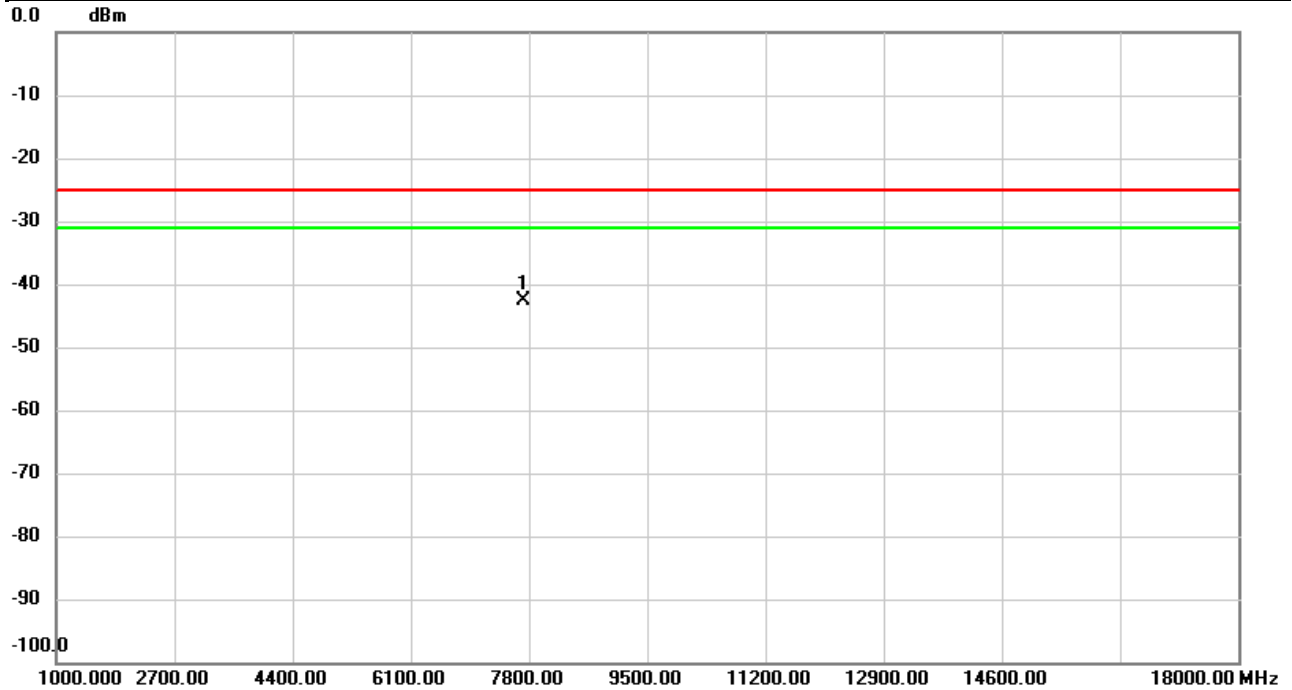


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	92.0477	-56.83	-6.08	-62.91	-25.00	-37.91	peak	
2		148.1783	-61.24	-3.47	-64.71	-25.00	-39.71	peak	
3		202.5953	-61.16	-7.35	-68.51	-25.00	-43.51	peak	
4		387.2833	-70.61	-0.33	-70.94	-25.00	-45.94	peak	
5		527.2543	-73.61	1.08	-72.53	-25.00	-47.53	peak	
6		583.9023	-71.09	2.00	-69.09	-25.00	-44.09	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH37850	Polarization	Vertical
Temp	22°C	Hum.	57%

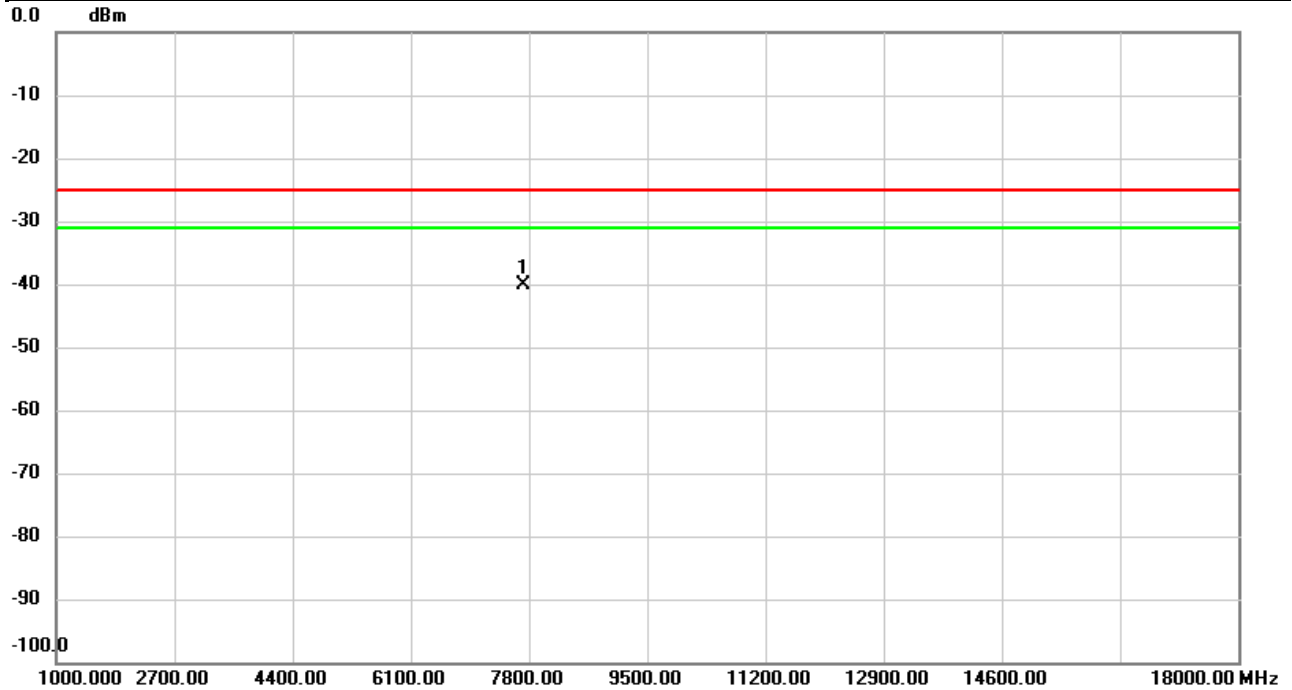


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7715.567	-59.93	17.29	-42.64	-25.00	-17.64	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH37850	Polarization	Horizontal
Temp	22°C	Hum.	57%

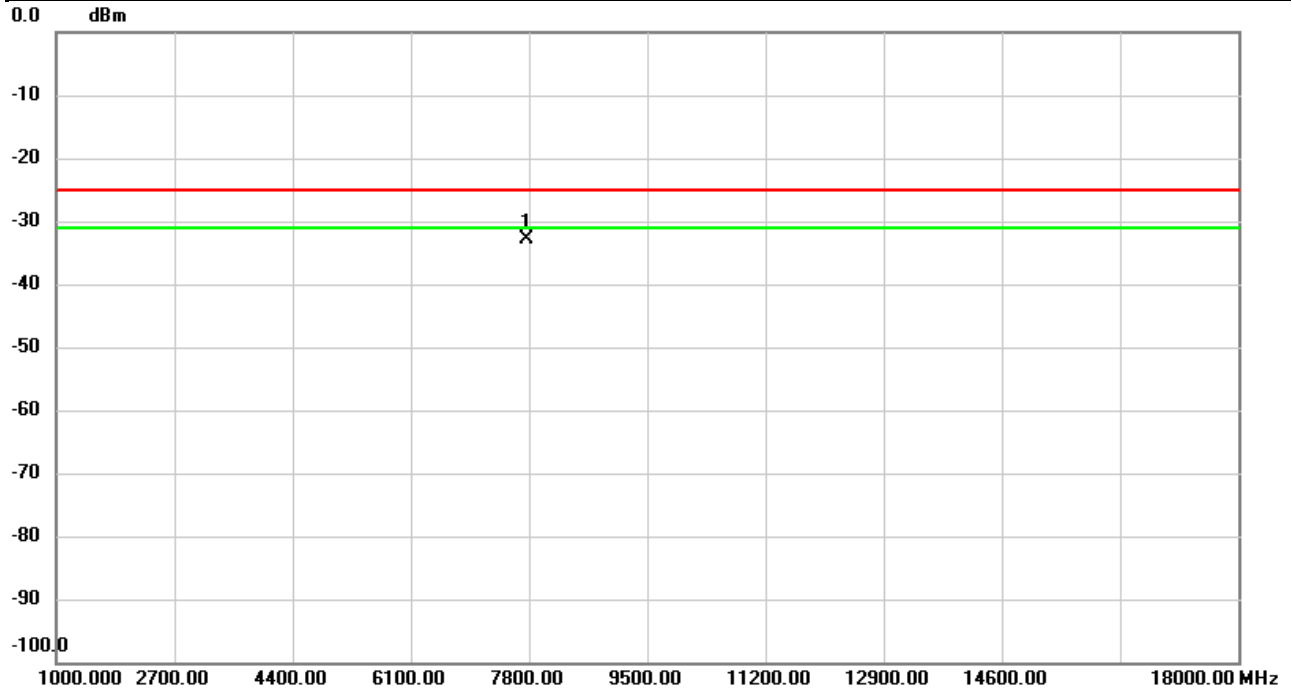


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7715.567	-57.54	17.43	-40.11	-25.00	-15.11	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH38000	Polarization	Vertical
Temp	22°C	Hum.	57%

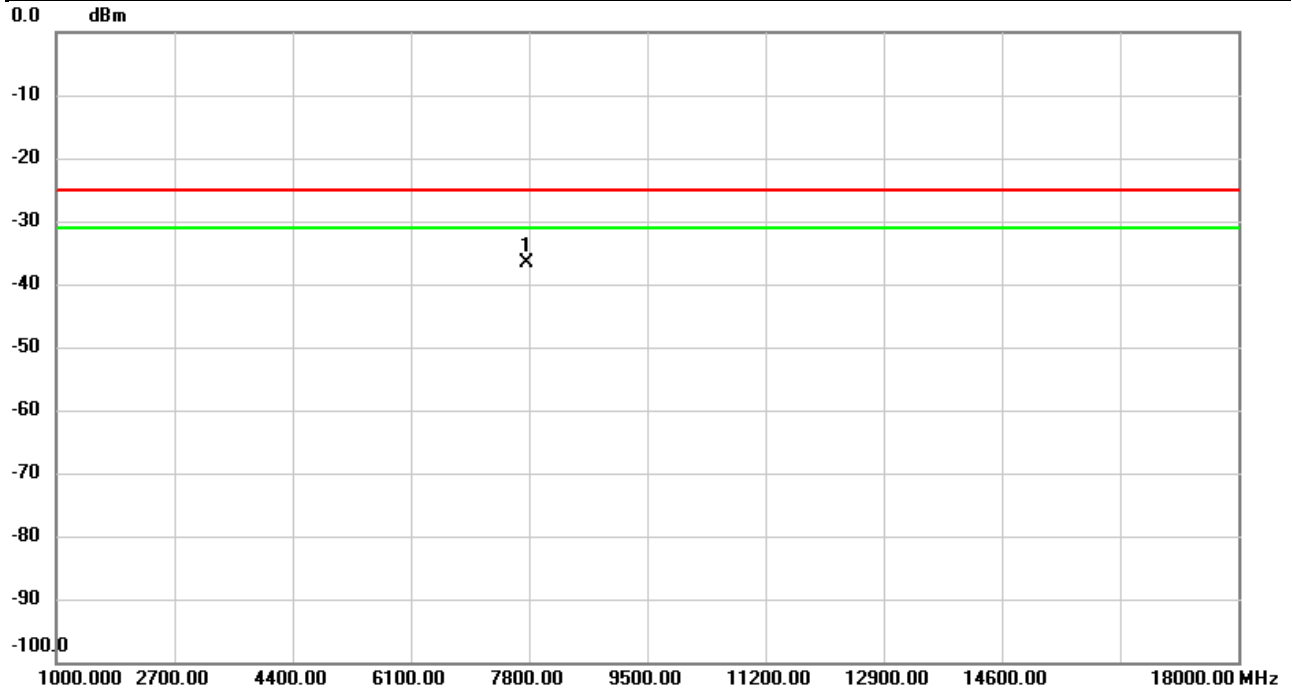


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7760.900	-50.22	17.41	-32.81	-25.00	-7.81	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH38000	Polarization	Horizontal
Temp	22°C	Hum.	57%

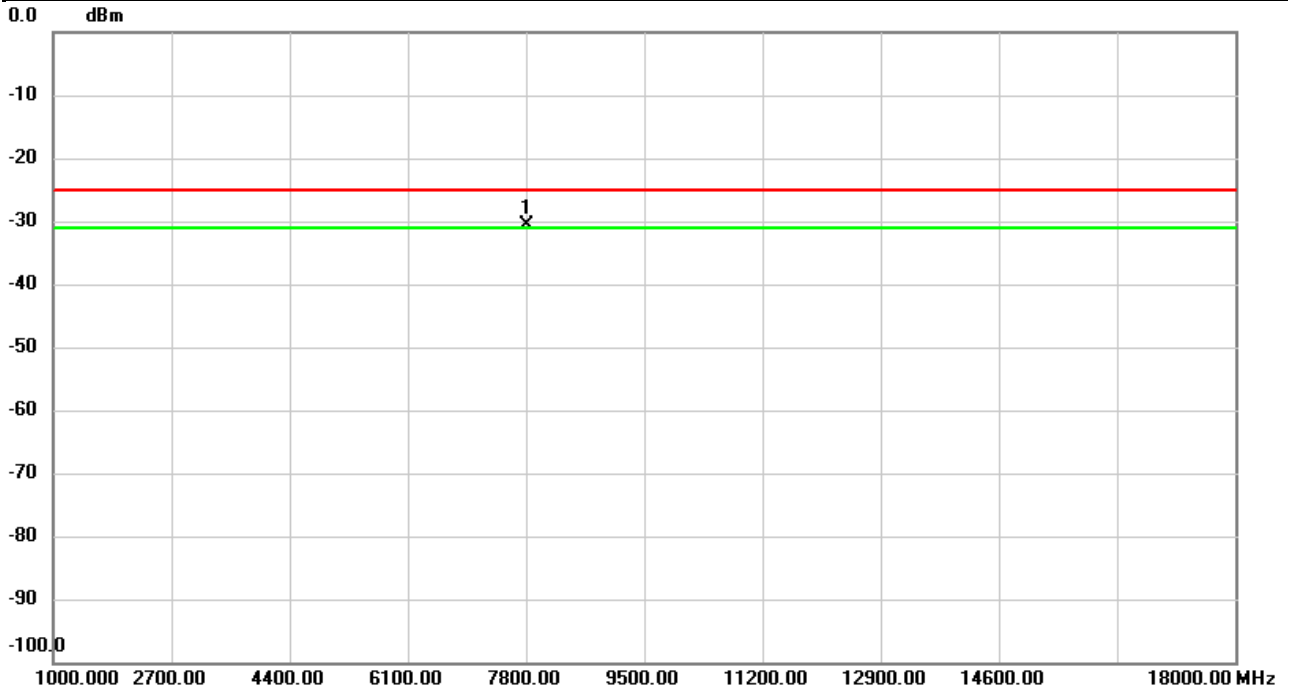


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7760.900	-53.89	17.38	-36.51	-25.00	-11.51	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH38150	Polarization	Vertical
Temp	22°C	Hum.	57%

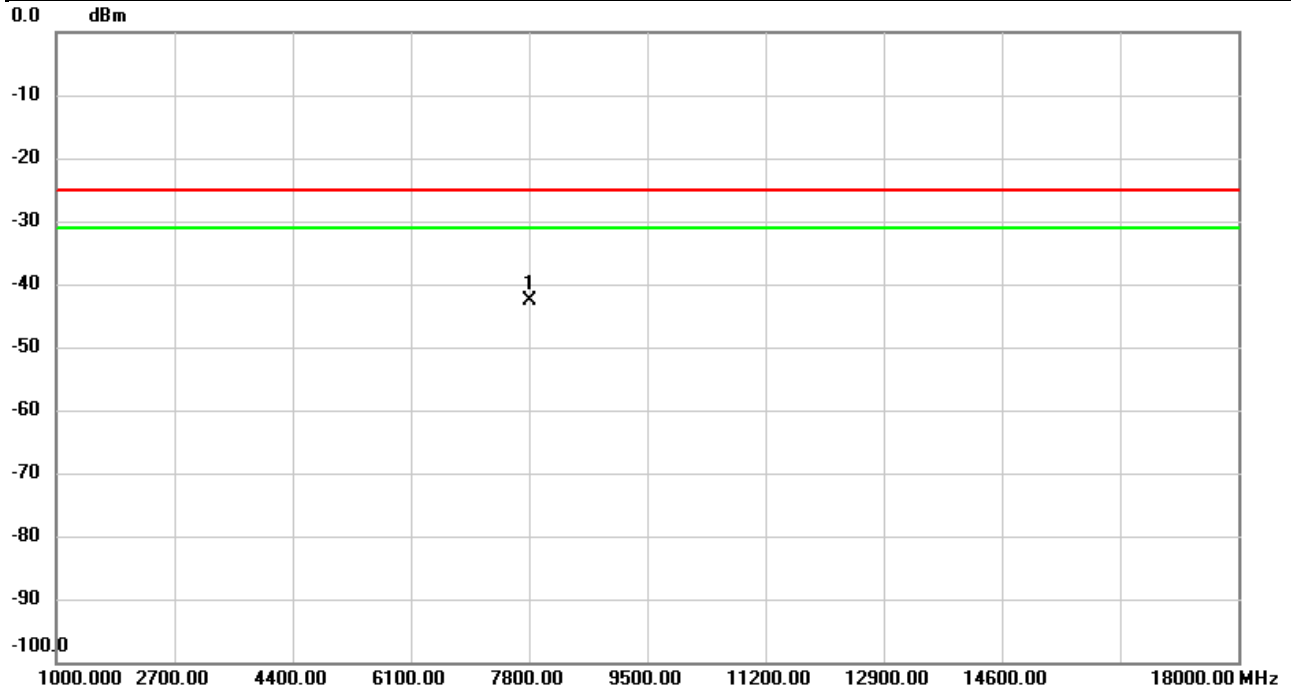


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7805.667	-48.25	17.58	-30.67	-25.00	-5.67	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/21
Test Channel	CH38150	Polarization	Horizontal
Temp	22°C	Hum.	57%

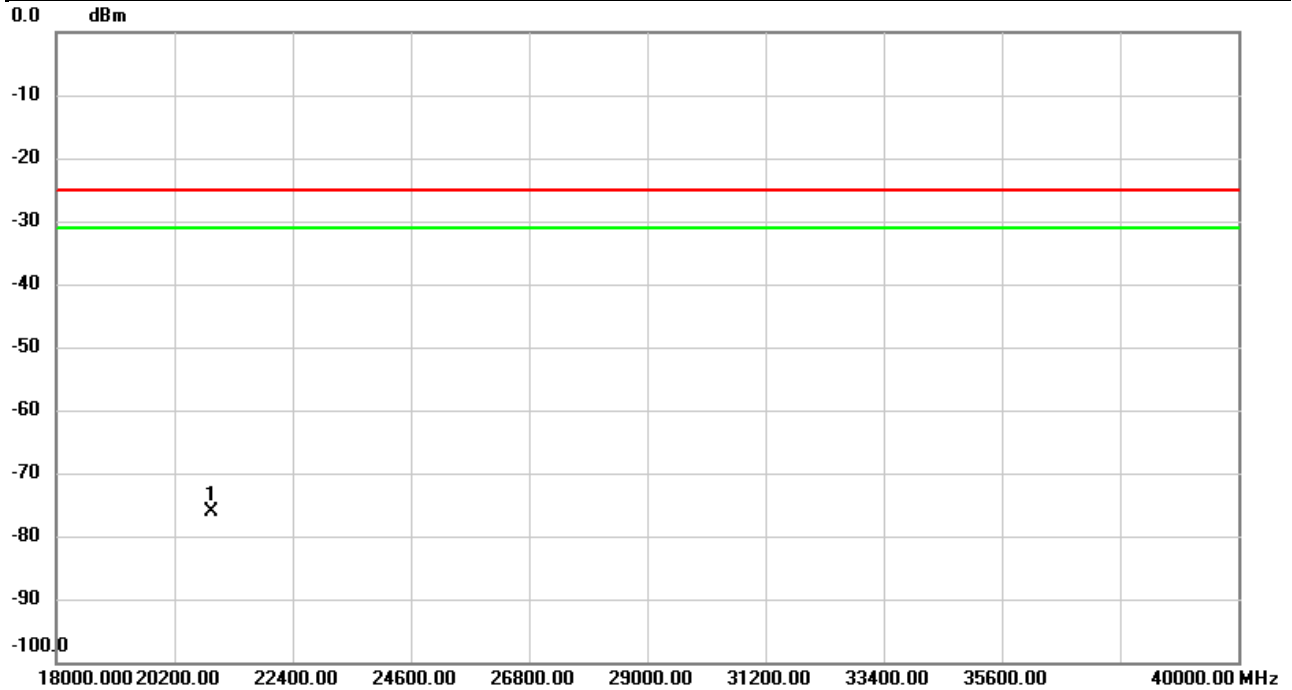


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7805.667	-60.12	17.62	-42.50	-25.00	-17.50	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/27
Test Channel	CH38150	Polarization	Vertical
Temp	23°C	Hum.	58%

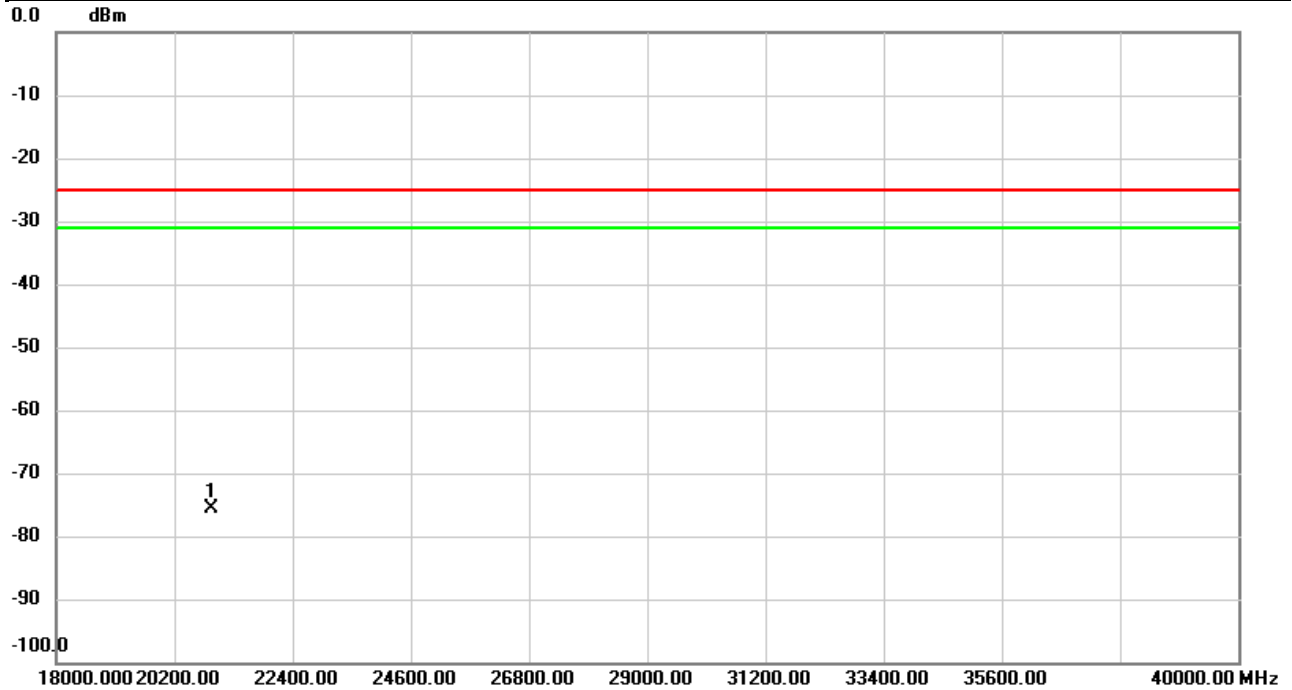


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	20880.00	-69.76	-6.42	-76.18	-25.00	-51.18	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2023/12/27
Test Channel	CH38150	Polarization	Horizontal
Temp	23°C	Hum.	58%

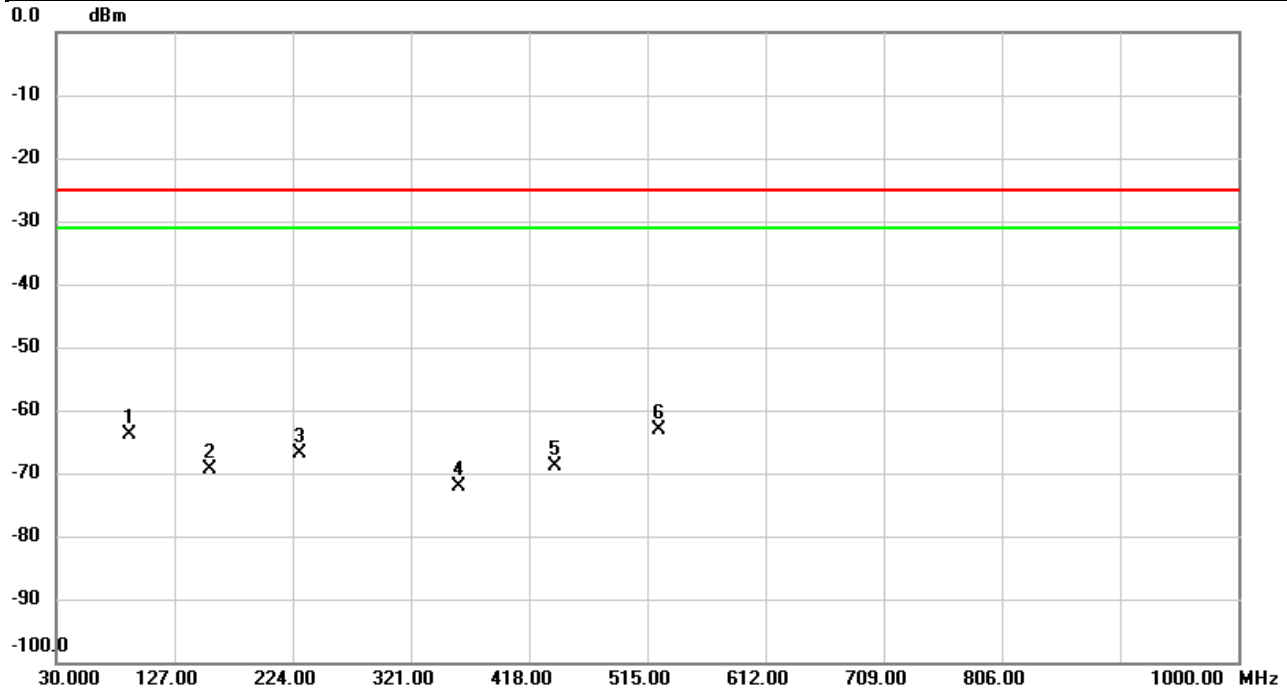


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20880.00	-69.26	-6.42	-75.68	-25.00	-50.68	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/26
Test Channel	CH41490	Polarization	Vertical
Temp	21°C	Hum.	59%

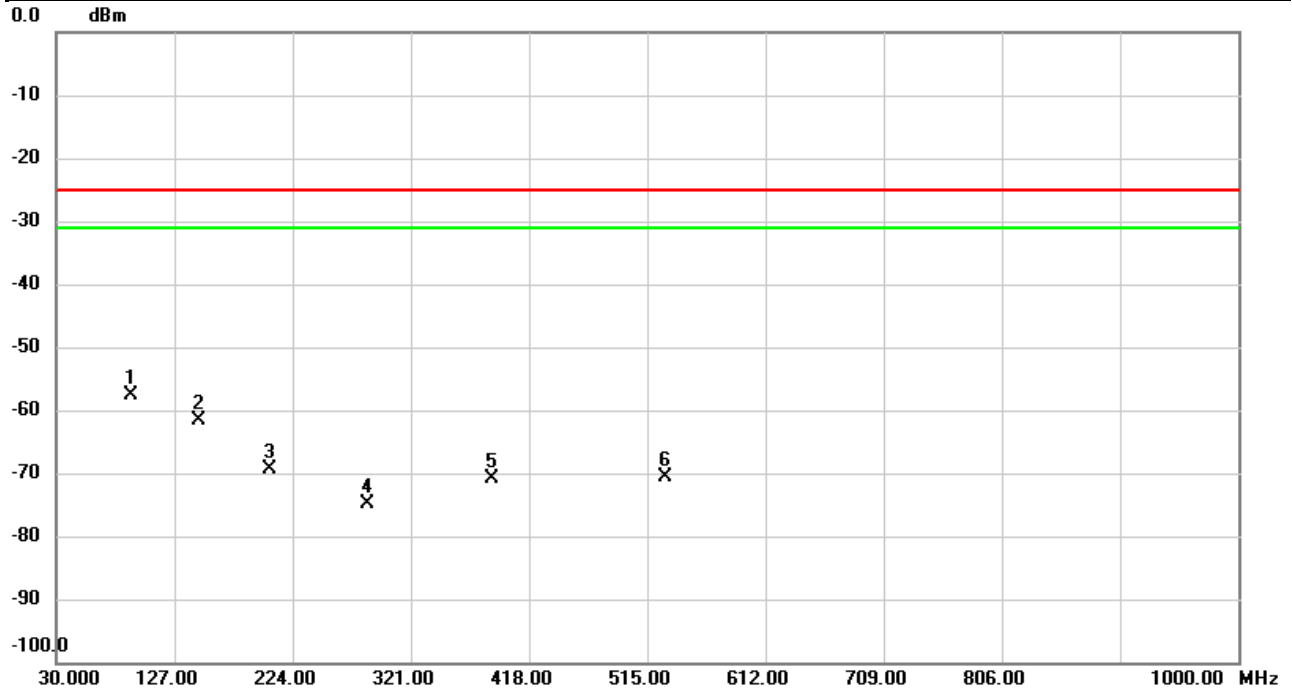


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		90.1400	-60.49	-3.43	-63.92	-25.00	-38.92	peak	
2		155.4857	-69.13	-0.26	-69.39	-25.00	-44.39	peak	
3		229.6260	-66.09	-0.66	-66.75	-25.00	-41.75	peak	
4		360.0587	-71.70	-0.54	-72.24	-25.00	-47.24	peak	
5		439.7280	-69.44	0.59	-68.85	-25.00	-43.85	peak	
6	*	524.5383	-66.62	3.51	-63.11	-25.00	-38.11	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/26
Test Channel	CH41490	Polarization	Horizontal
Temp	21°C	Hum.	59%

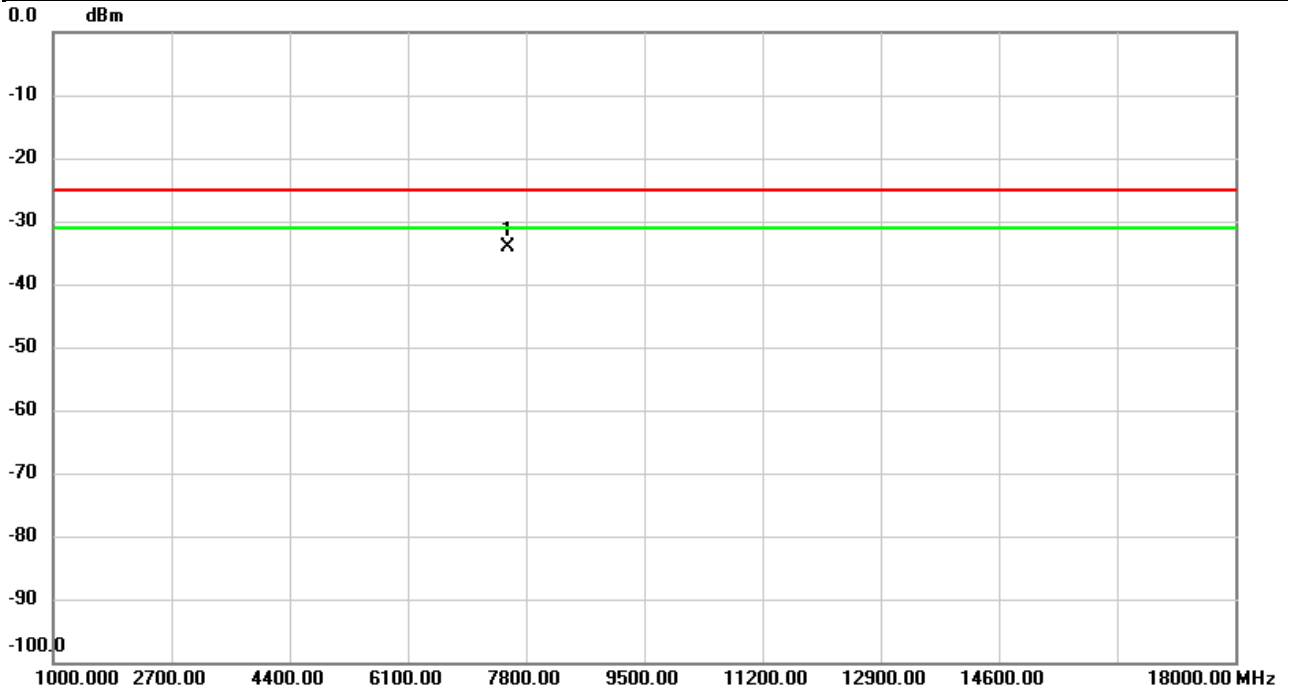


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.4657	-51.53	-6.11	-57.64	-25.00	-32.64	peak	
2		147.2407	-58.15	-3.47	-61.62	-25.00	-36.62	peak	
3		205.2790	-62.08	-7.32	-69.40	-25.00	-44.40	peak	
4		285.9830	-70.36	-4.48	-74.84	-25.00	-49.84	peak	
5		387.2187	-70.65	-0.33	-70.98	-25.00	-45.98	peak	
6		529.5177	-71.78	1.12	-70.66	-25.00	-45.66	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH39750	Polarization	Vertical
Temp	21°C	Hum.	58%

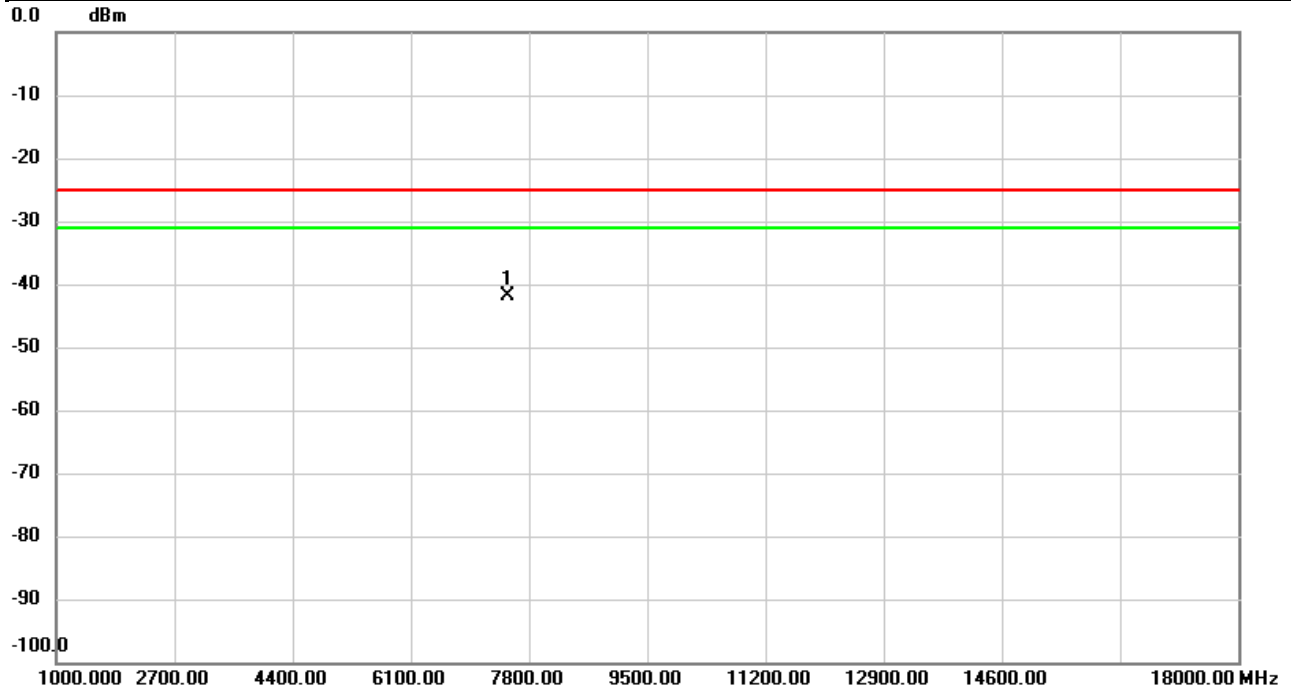


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7542.733	-51.57	17.36	-34.21	-25.00	-9.21	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH39750	Polarization	Horizontal
Temp	21°C	Hum.	58%

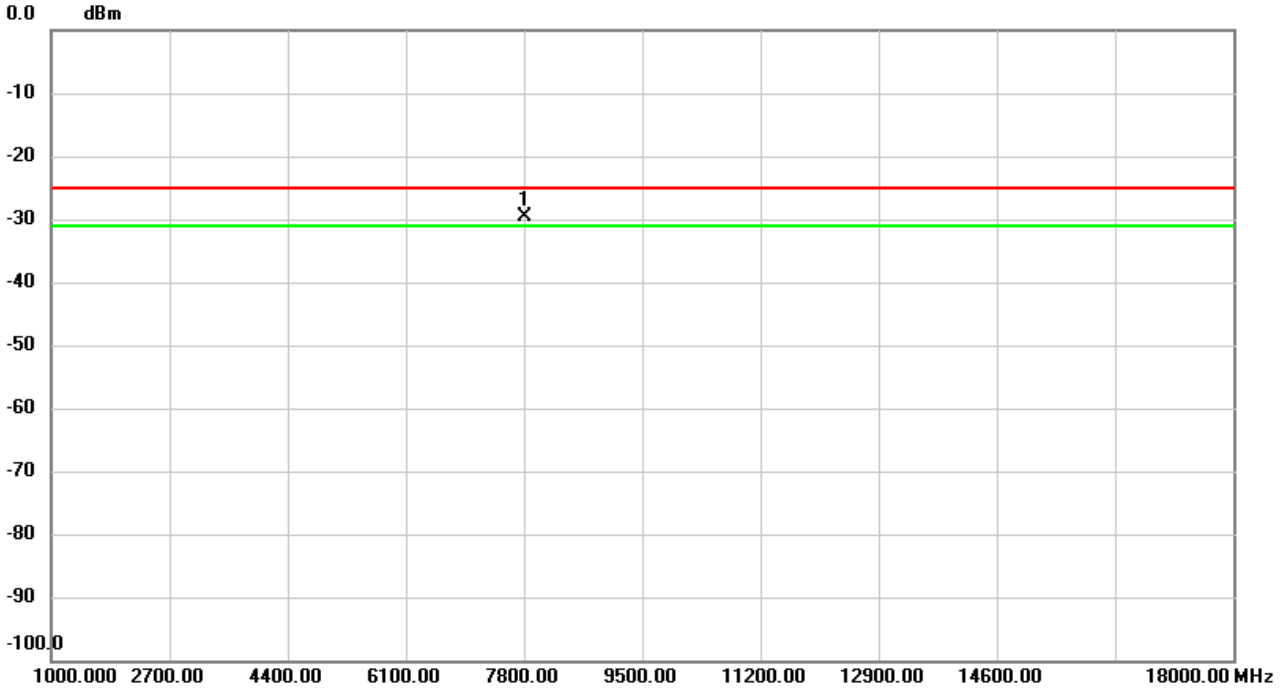


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7494.000	-59.81	17.84	-41.97	-25.00	-16.97	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	58%

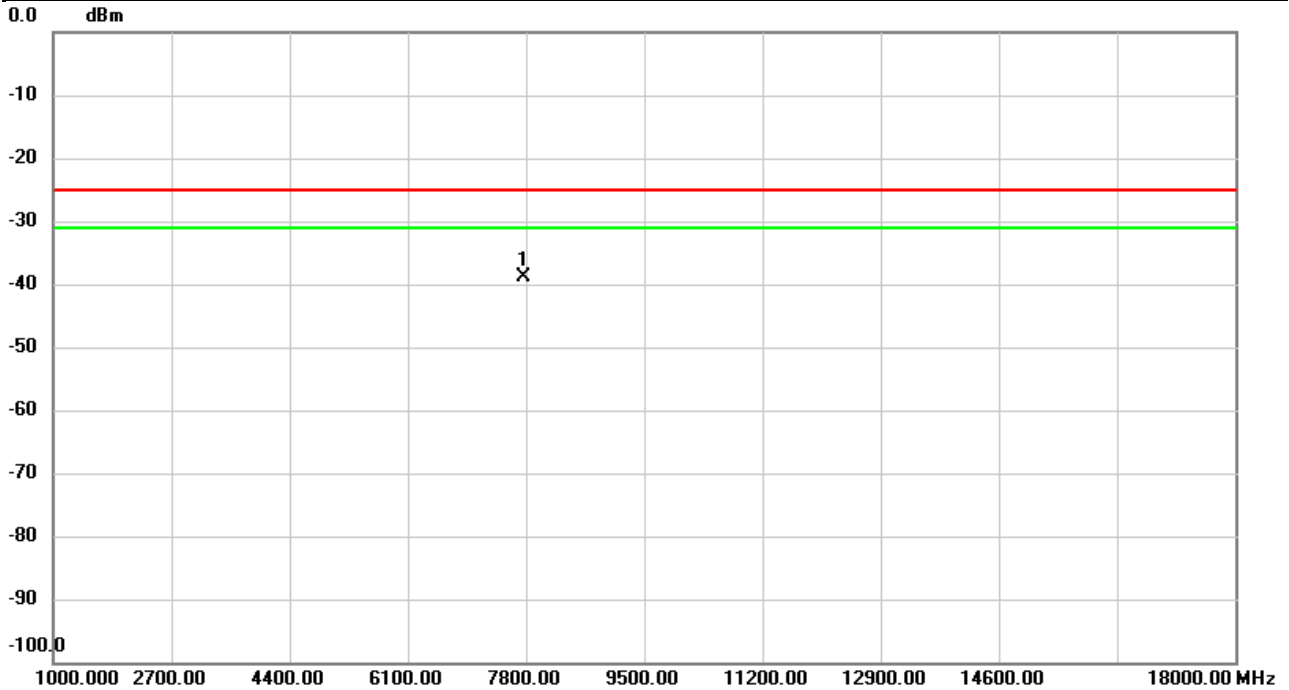


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7803.400	-47.29	17.59	-29.70	-25.00	-4.70	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	58%

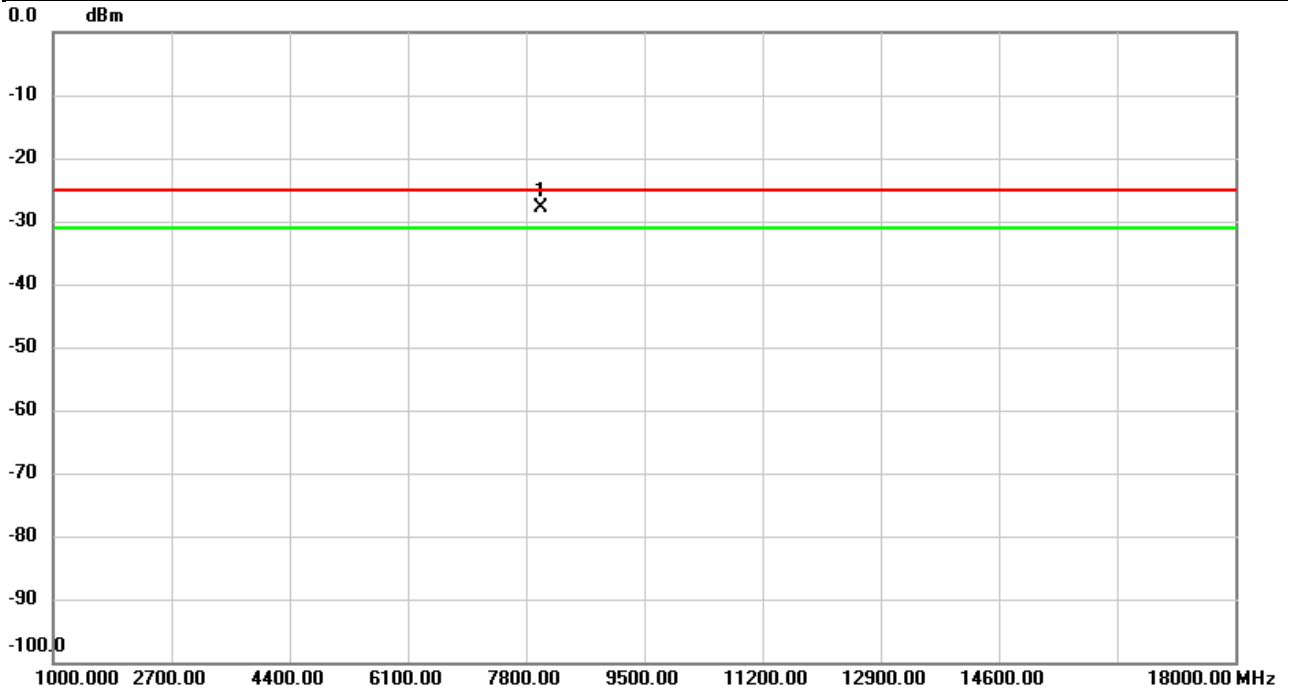


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7754.667	-56.14	17.34	-38.80	-25.00	-13.80	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH41490	Polarization	Vertical
Temp	21°C	Hum.	58%

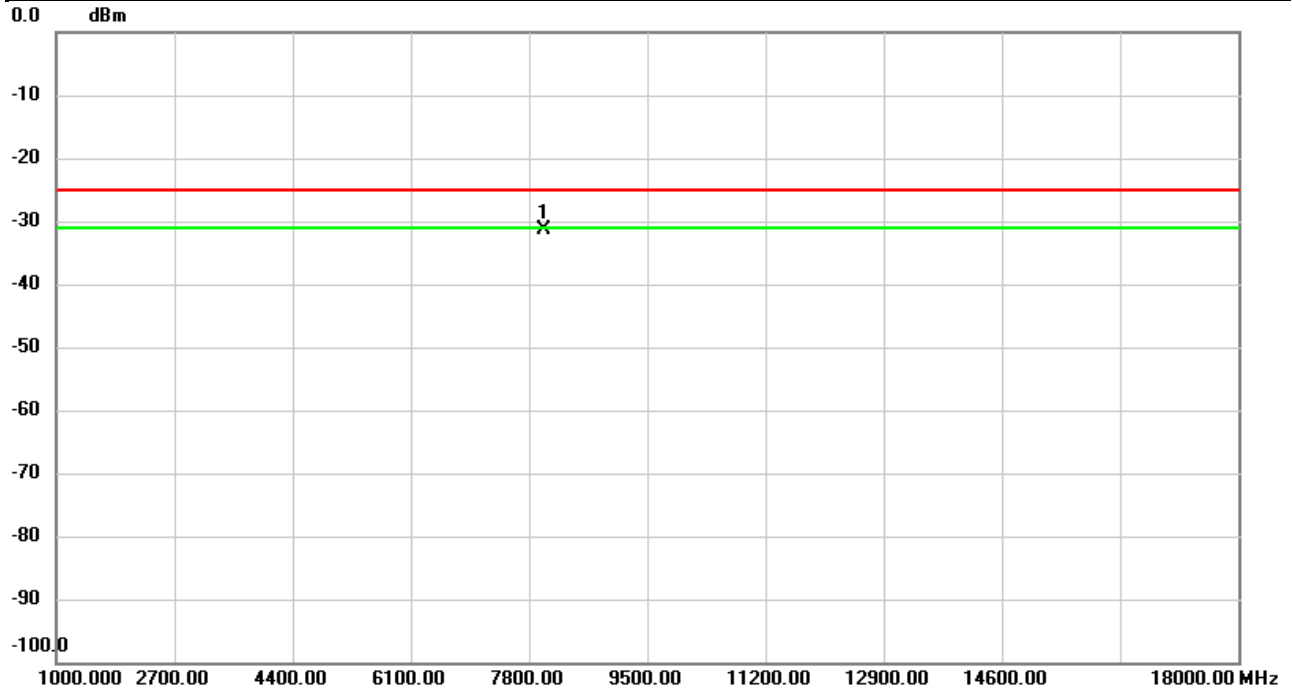


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	8015.333	-45.74	17.75	-27.99	-25.00	-2.99	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/25
Test Channel	CH41490	Polarization	Horizontal
Temp	21°C	Hum.	58%

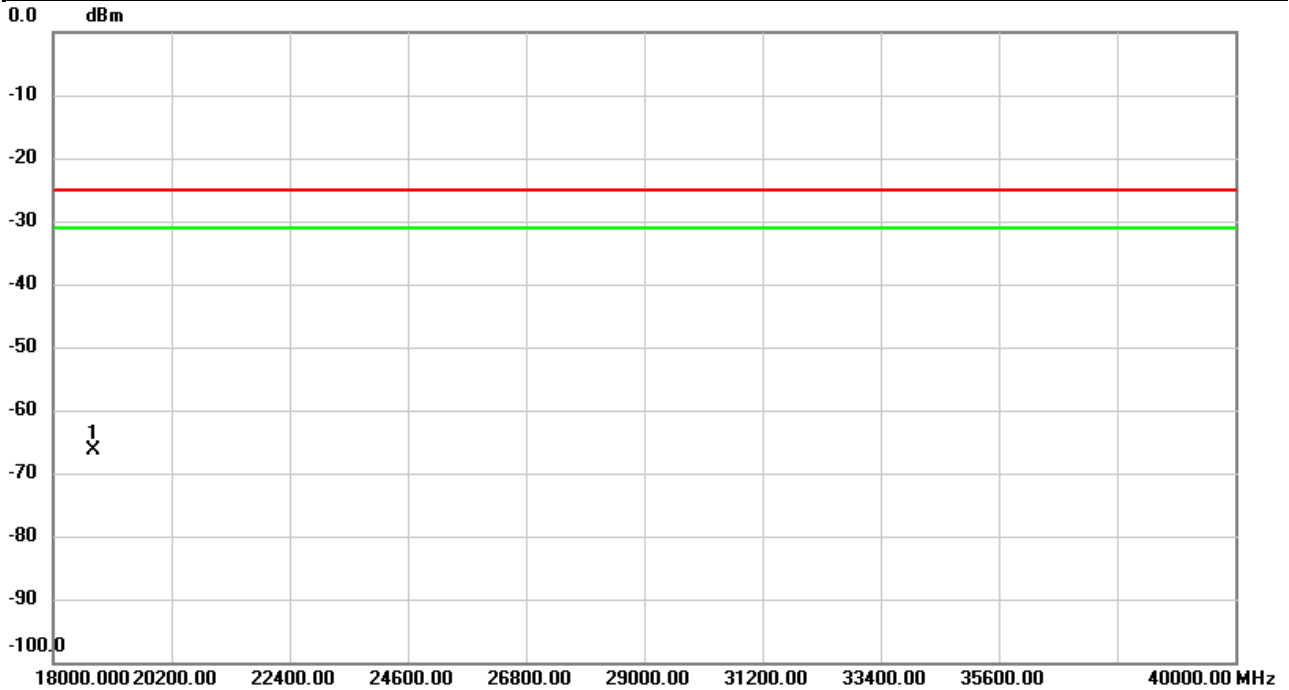


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	8015.333	-49.66	18.23	-31.43	-25.00	-6.43	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/27
Test Channel	CH41490	Polarization	Vertical
Temp	23°C	Hum.	58%

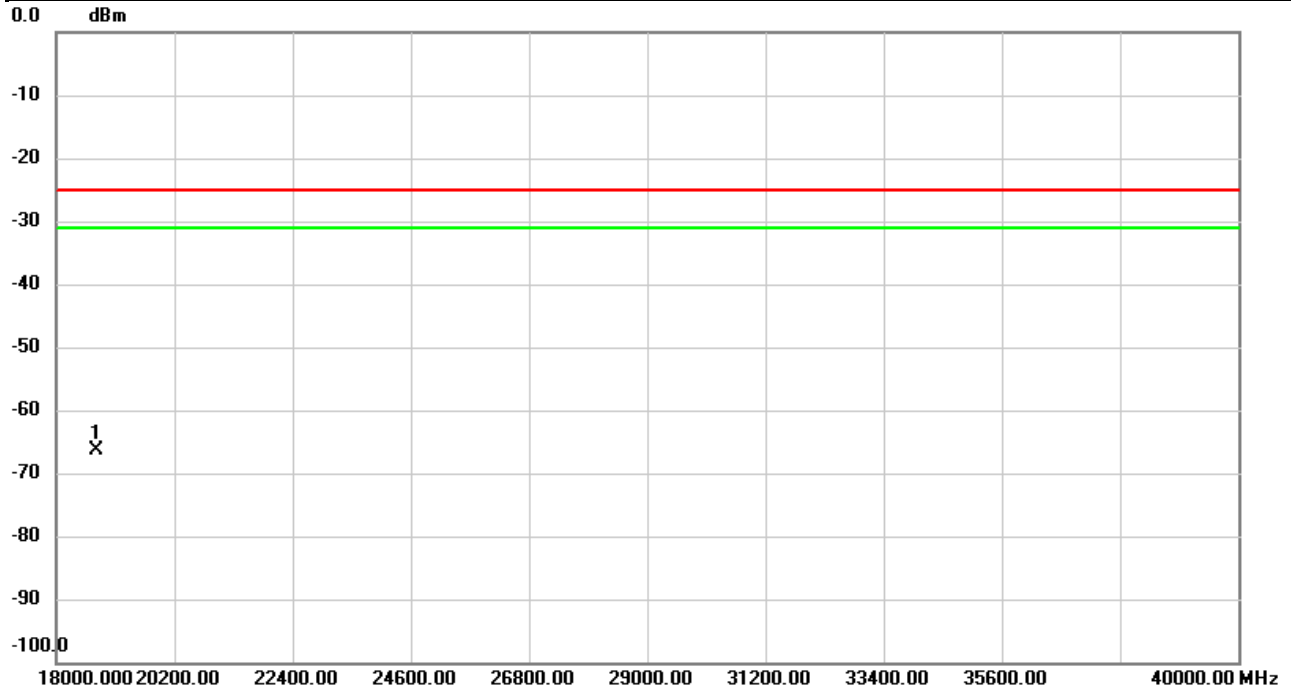


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18760.00	-59.94	-6.35	-66.29	-25.00	-41.29	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2023/12/27
Test Channel	CH41490	Polarization	Horizontal
Temp	23°C	Hum.	58%

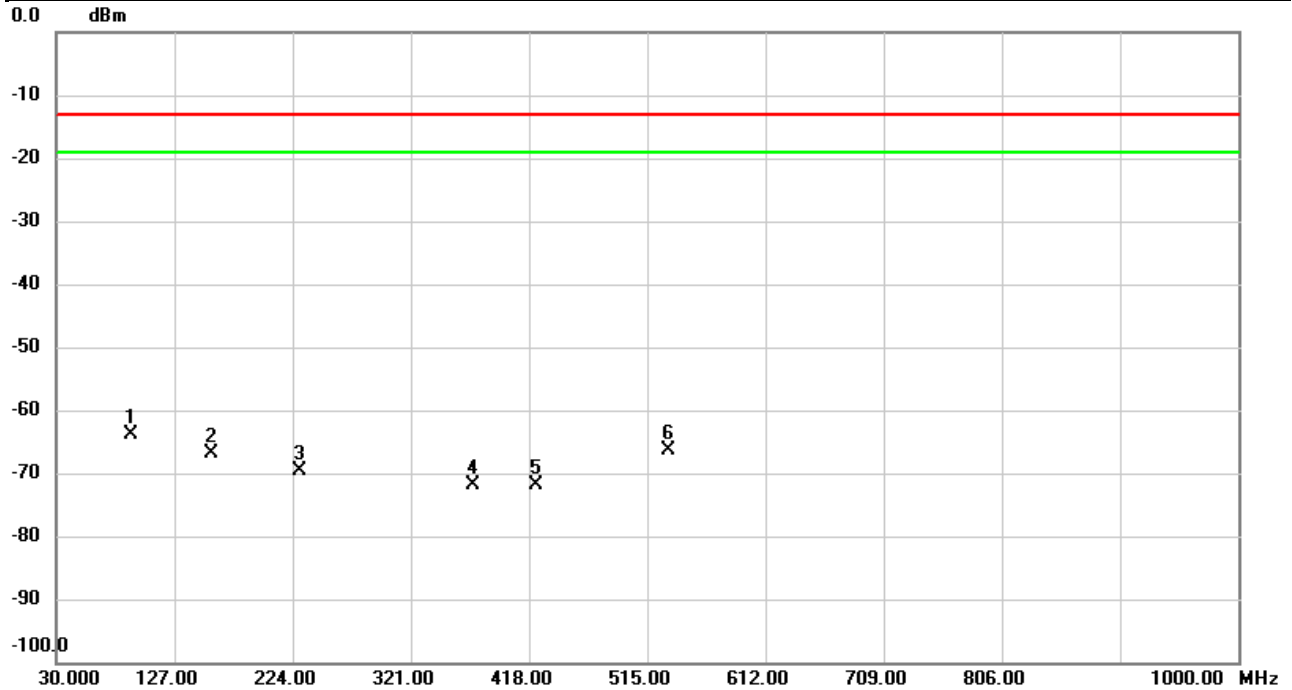


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18760.00	-59.97	-6.35	-66.32	-25.00	-41.32	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/26
Test Channel	CH132572	Polarization	Vertical
Temp	21°C	Hum.	59%

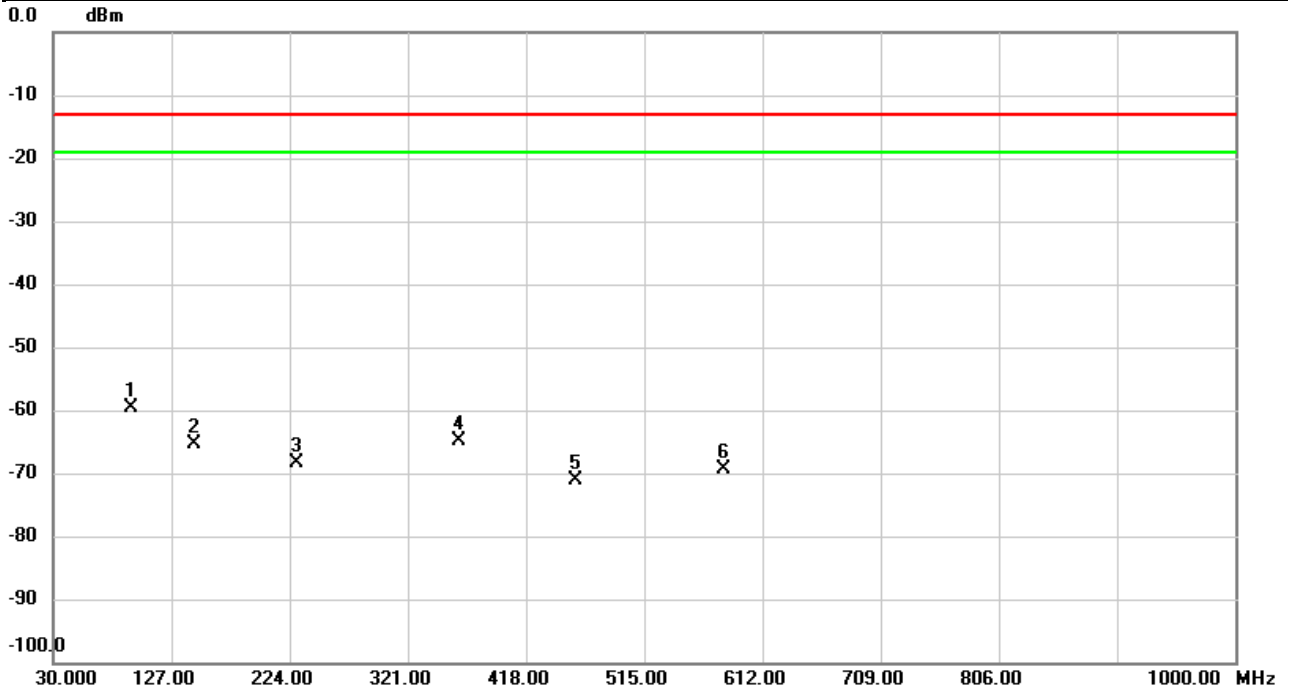


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.6273	-60.35	-3.54	-63.89	-13.00	-50.89	peak	
2		158.0077	-66.83	-0.11	-66.94	-13.00	-53.94	peak	
3		229.6583	-69.00	-0.66	-69.66	-13.00	-56.66	peak	
4		372.3777	-71.50	-0.40	-71.90	-13.00	-58.90	peak	
5		423.7553	-72.22	0.32	-71.90	-13.00	-58.90	peak	
6		532.0072	-70.22	3.93	-66.29	-13.00	-53.29	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/26
Test Channel	CH132572	Polarization	Horizontal
Temp	21°C	Hum.	59%

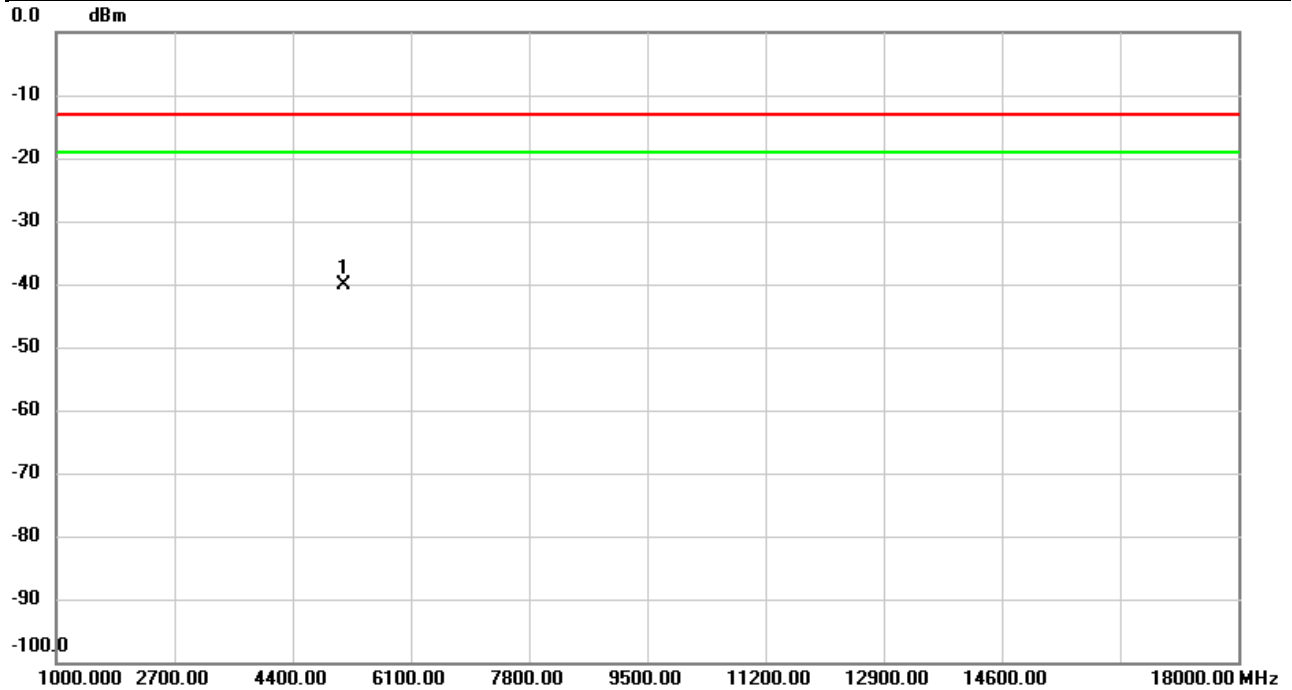


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	93.5673	-53.62	-6.00	-59.62	-13.00	-46.62	peak	
2		145.4300	-61.91	-3.46	-65.37	-13.00	-52.37	peak	
3		229.5613	-62.59	-5.78	-68.37	-13.00	-55.37	peak	
4		363.3567	-64.48	-0.43	-64.91	-13.00	-51.91	peak	
5		459.3543	-71.33	0.22	-71.11	-13.00	-58.11	peak	
6		580.3457	-71.42	1.95	-69.47	-13.00	-56.47	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132072	Polarization	Vertical
Temp	21°C	Hum.	58%

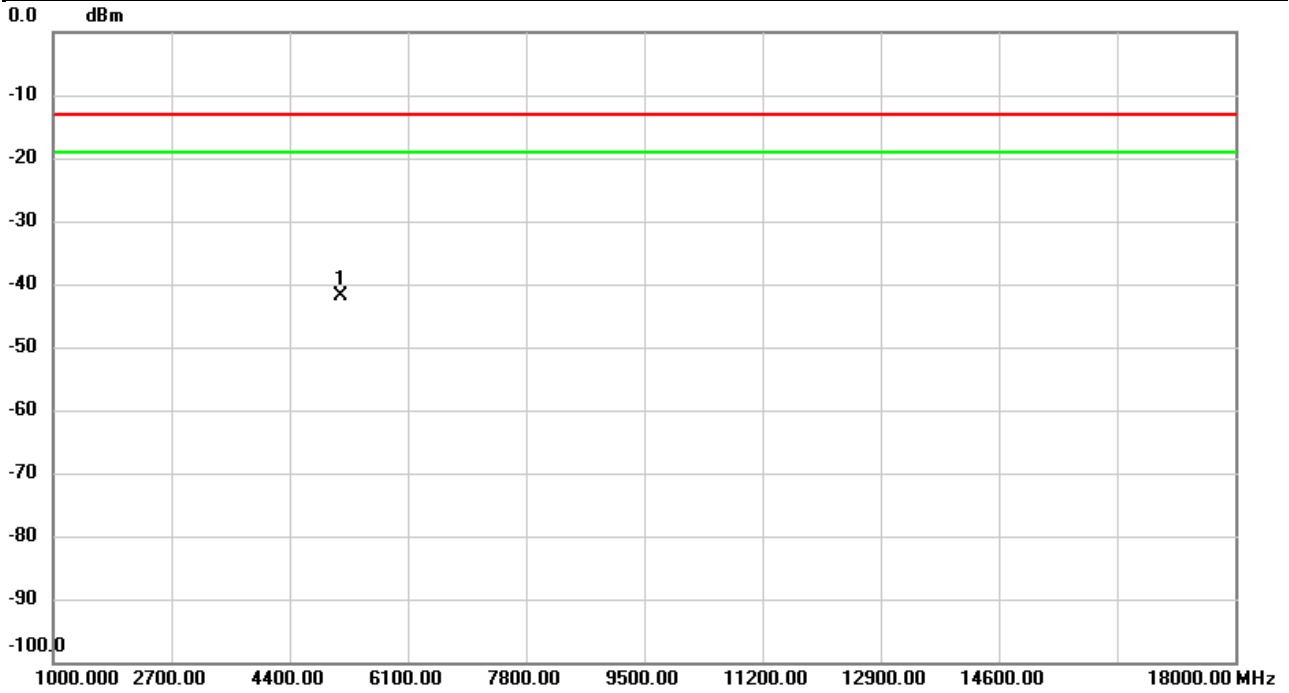


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5135.533	-53.94	13.78	-40.16	-13.00	-27.16	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132072	Polarization	Horizontal
Temp	21°C	Hum.	58%

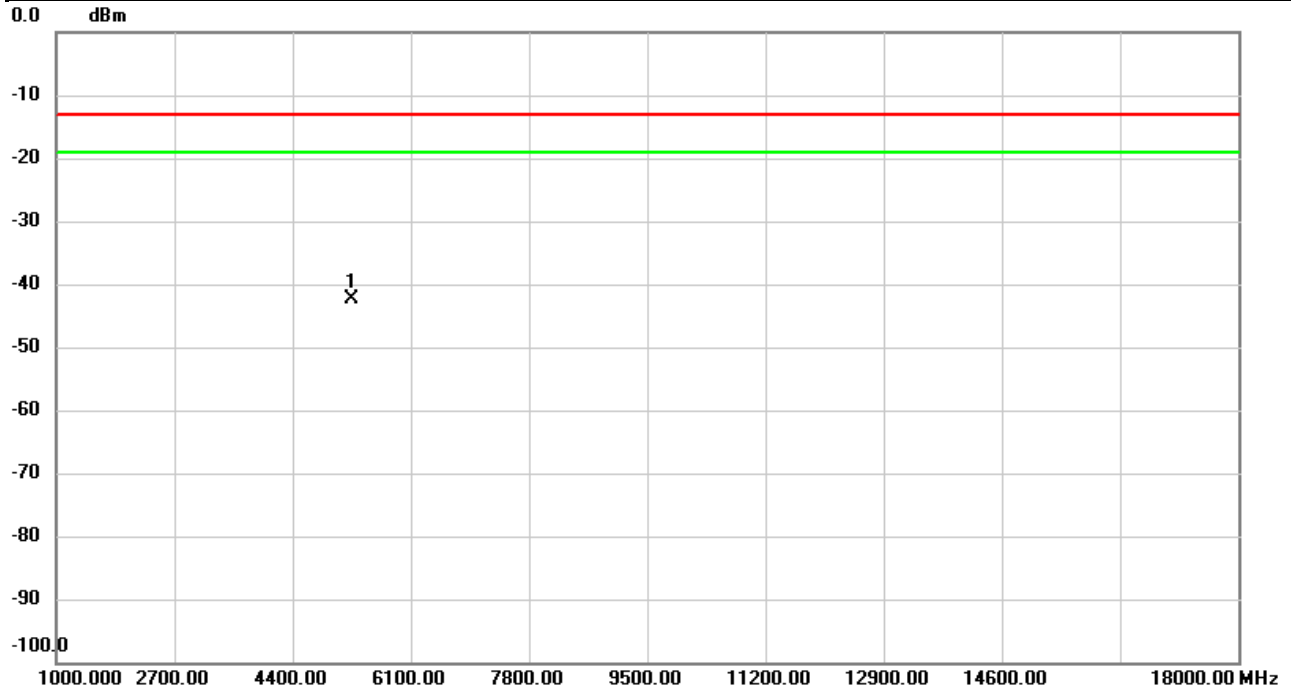


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5136.100	-55.82	13.96	-41.86	-13.00	-28.86	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132322	Polarization	Vertical
Temp	21°C	Hum.	58%

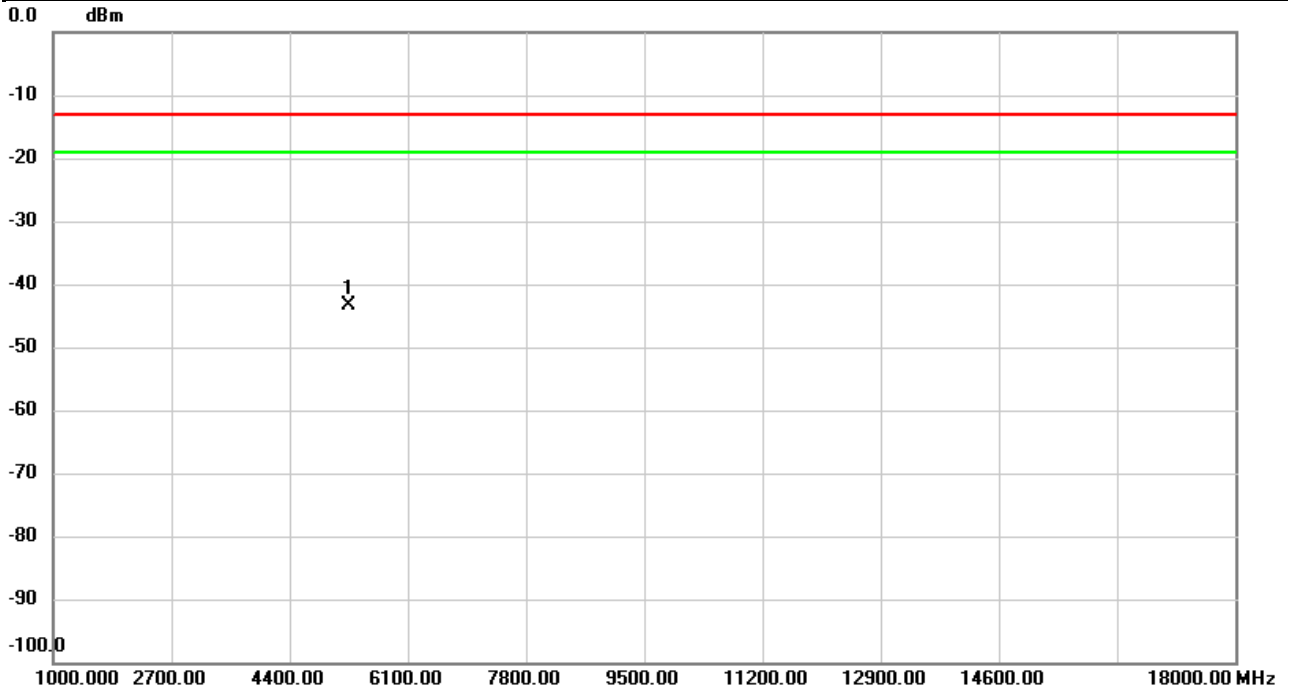


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5259.633	-55.84	13.56	-42.28	-13.00	-29.28	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132322	Polarization	Horizontal
Temp	21°C	Hum.	58%

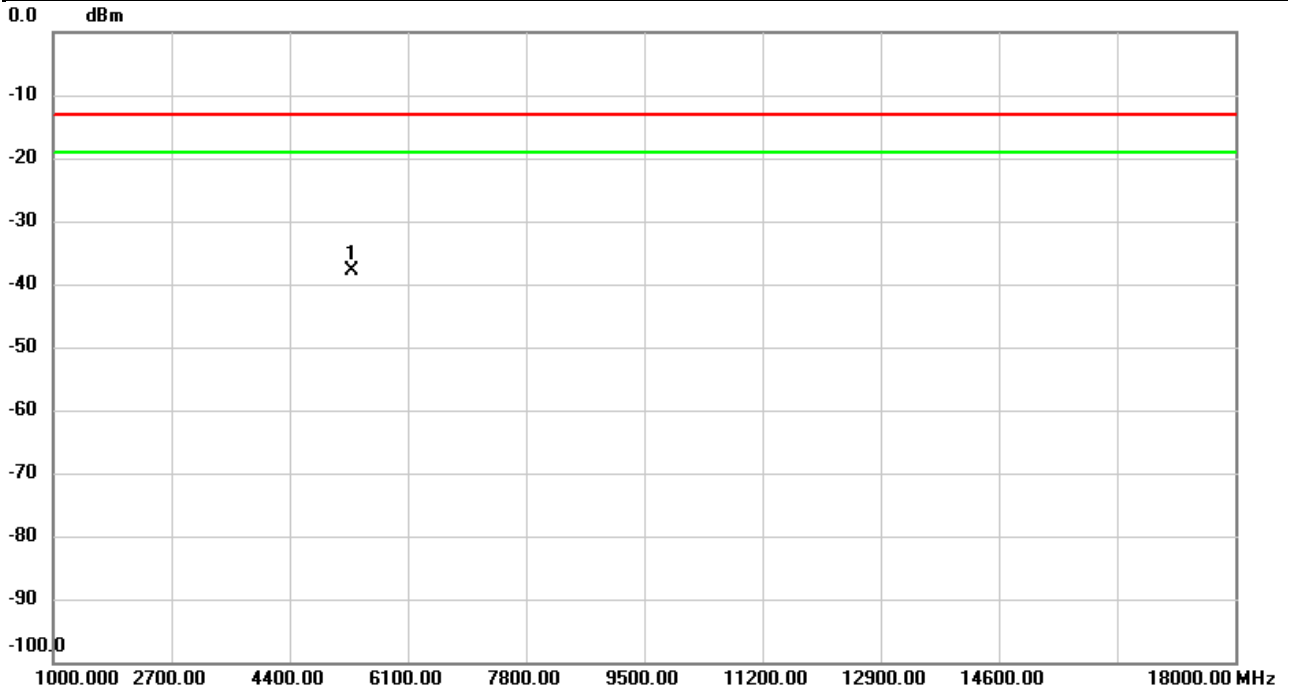


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5259.633	-56.95	13.57	-43.38	-13.00	-30.38	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132572	Polarization	Vertical
Temp	21°C	Hum.	58%

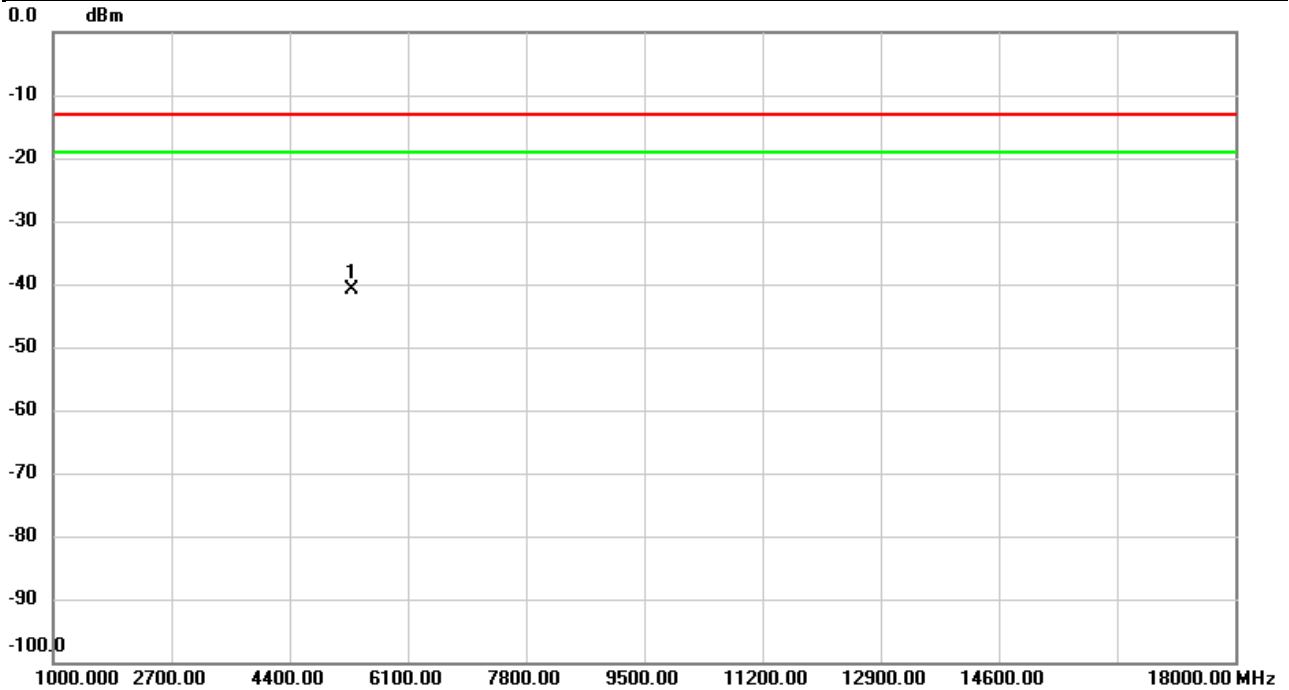


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5285.700	-51.50	13.52	-37.98	-13.00	-24.98	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2023/12/25
Test Channel	CH132572	Polarization	Horizontal
Temp	21°C	Hum.	58%

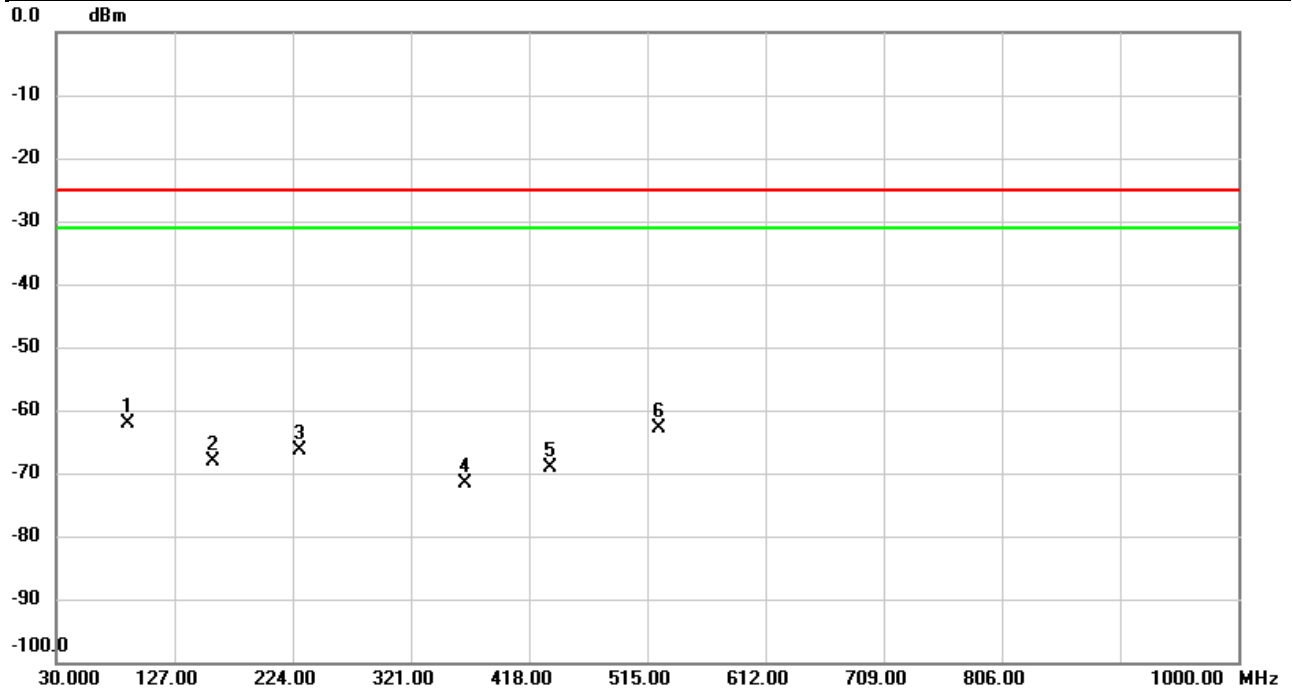


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5285.700	-54.49	13.58	-40.91	-13.00	-27.91	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/26
Test Channel	CH38000	Polarization	Vertical
Temp	21°C	Hum.	59%

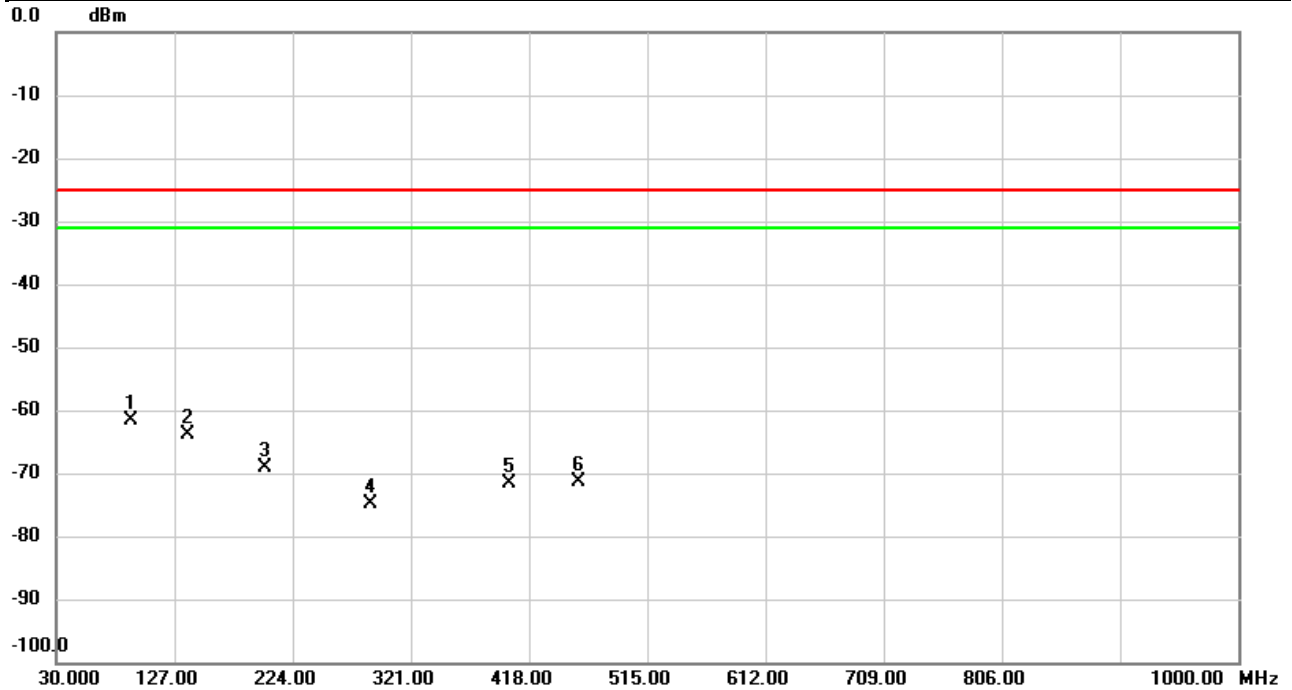


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	89.2023	-58.70	-3.46	-62.16	-25.00	-37.16	peak	
2		158.0400	-68.05	-0.10	-68.15	-25.00	-43.15	peak	
3		229.6583	-65.81	-0.66	-66.47	-25.00	-41.47	peak	
4		365.4260	-71.23	-0.48	-71.71	-25.00	-46.71	peak	
5		435.9450	-69.60	0.53	-69.07	-25.00	-44.07	peak	
6		524.7323	-66.52	3.53	-62.99	-25.00	-37.99	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/26
Test Channel	CH38000	Polarization	Horizontal
Temp	21°C	Hum.	59%

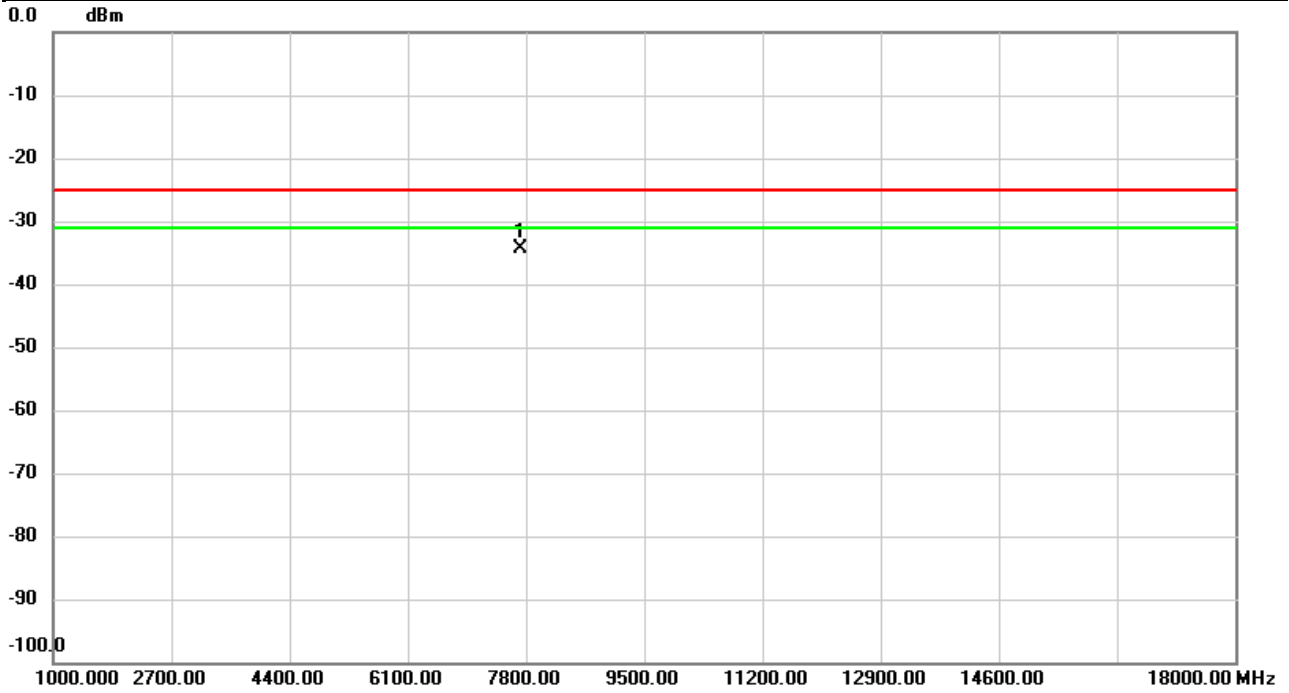


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	90.7867	-55.54	-6.15	-61.69	-25.00	-36.69	peak	
2		138.1872	-60.30	-3.59	-63.89	-25.00	-38.89	peak	
3		201.4960	-61.66	-7.36	-69.02	-25.00	-44.02	peak	
4		288.4080	-70.43	-4.39	-74.82	-25.00	-49.82	peak	
5		402.1243	-71.43	-0.26	-71.69	-25.00	-46.69	peak	
6		459.1280	-71.59	0.21	-71.38	-25.00	-46.38	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH37850	Polarization	Vertical
Temp	21°C	Hum.	58%

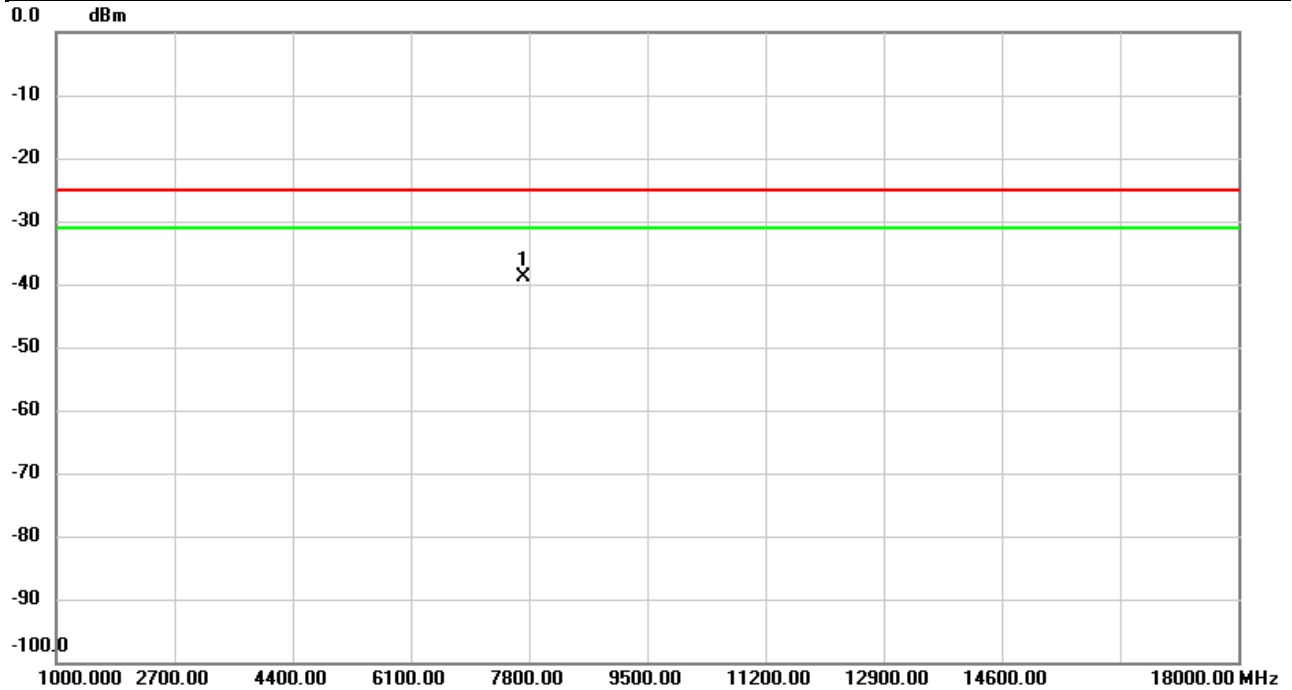


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7715.567	-51.72	17.29	-34.43	-25.00	-9.43	peak	

REMARKS:

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

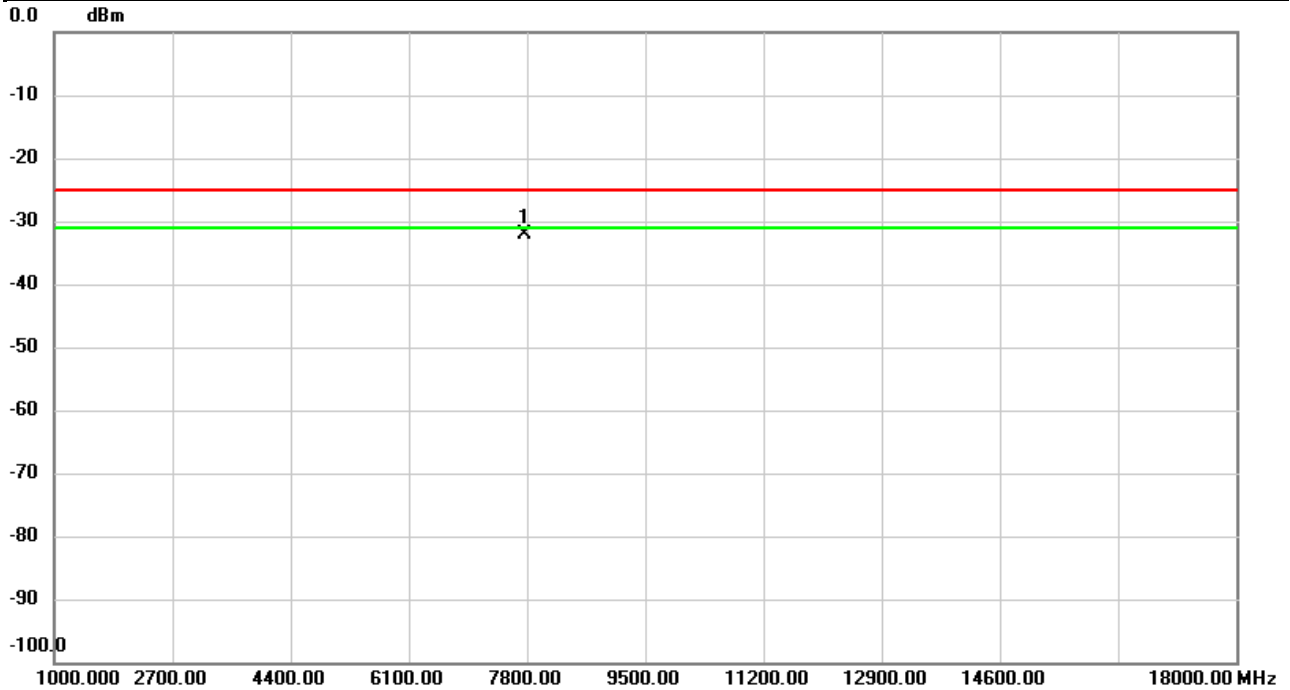
Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH37850	Polarization	Horizontal
Temp	21°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7715.567	-56.30	17.43	-38.87	-25.00	-13.87	peak	

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH38000	Polarization	Vertical
Temp	21°C	Hum.	58%

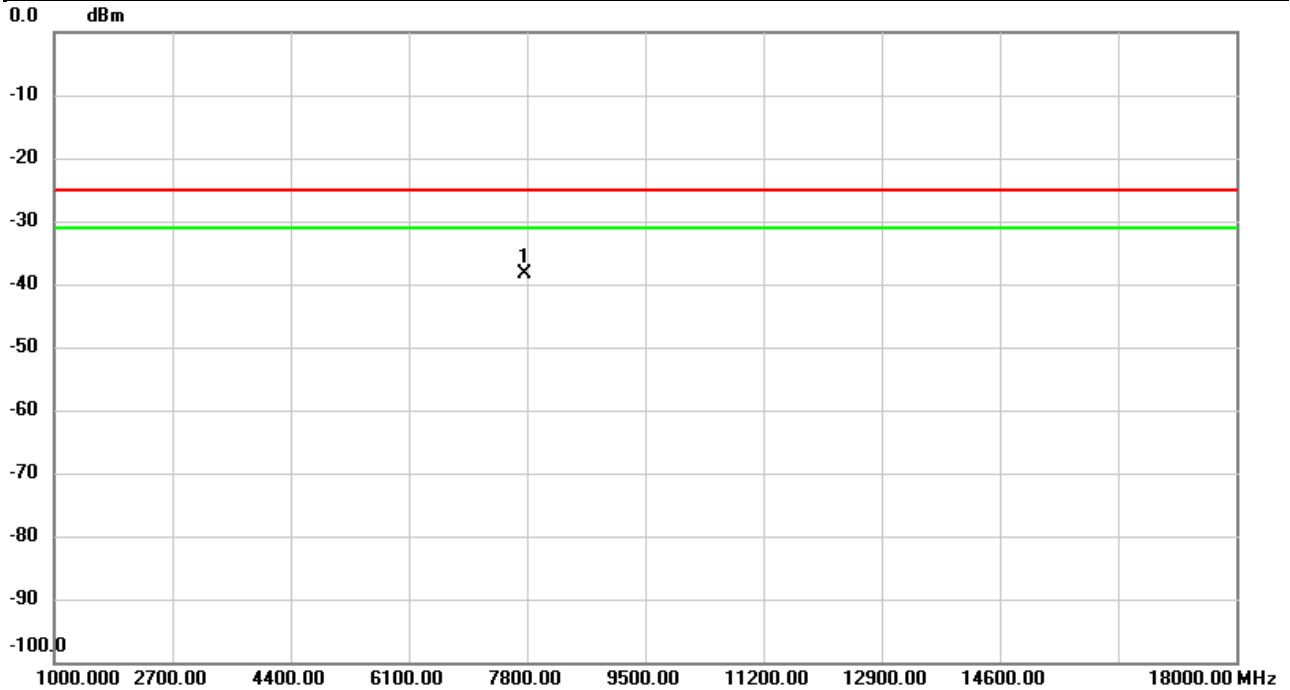


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7760.900	-49.42	17.41	-32.01	-25.00	-7.01	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH38000	Polarization	Horizontal
Temp	21°C	Hum.	58%

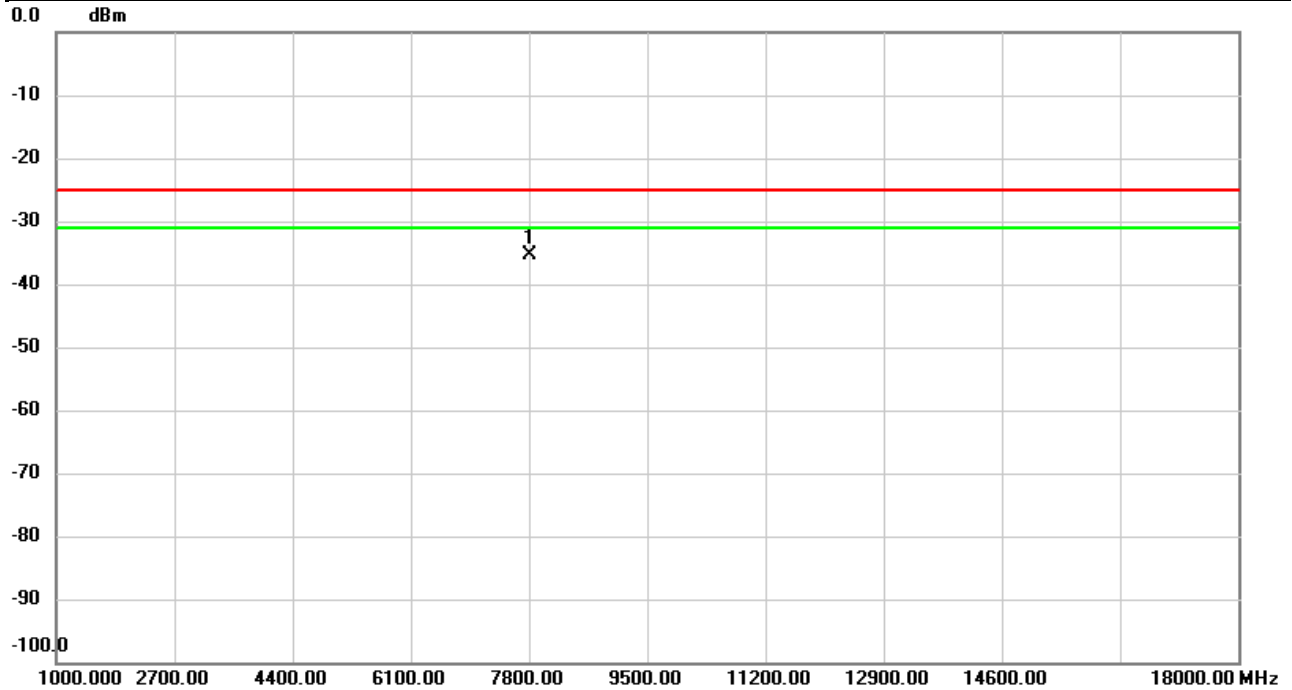


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7760.333	-55.80	17.37	-38.43	-25.00	-13.43	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH38150	Polarization	Vertical
Temp	21°C	Hum.	58%

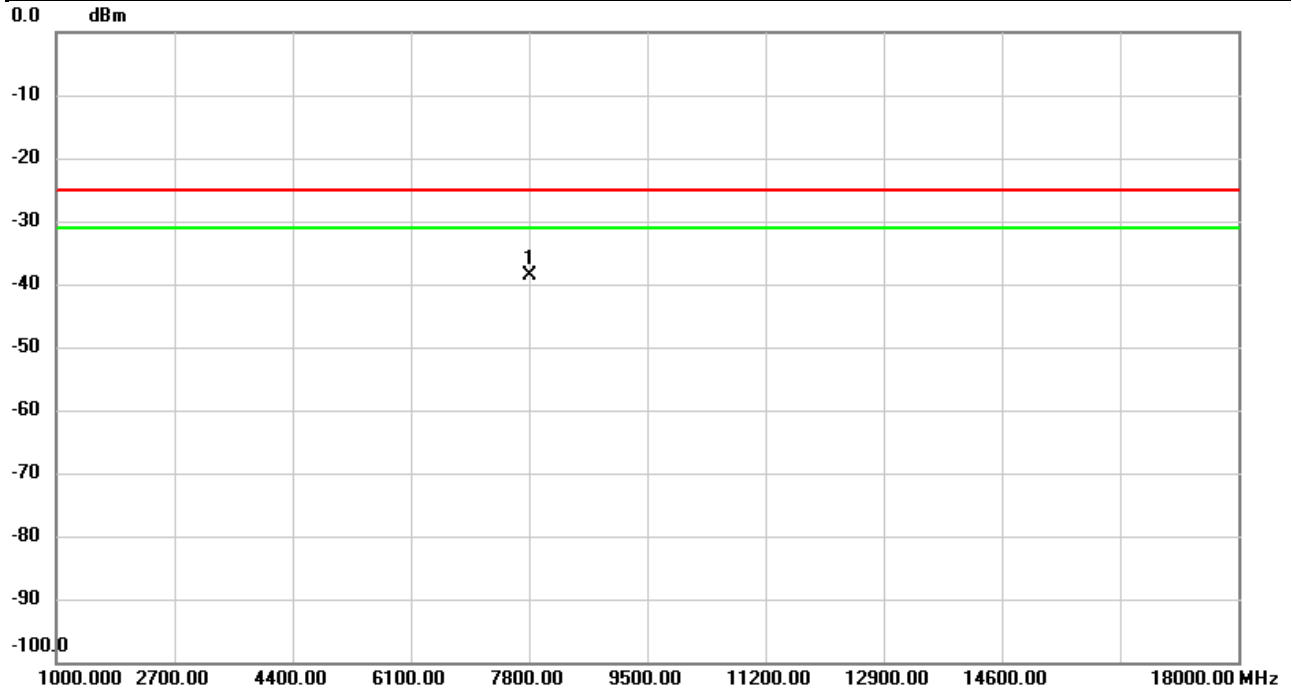


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7805.667	-53.03	17.58	-35.45	-25.00	-10.45	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/25
Test Channel	CH38150	Polarization	Horizontal
Temp	21°C	Hum.	58%

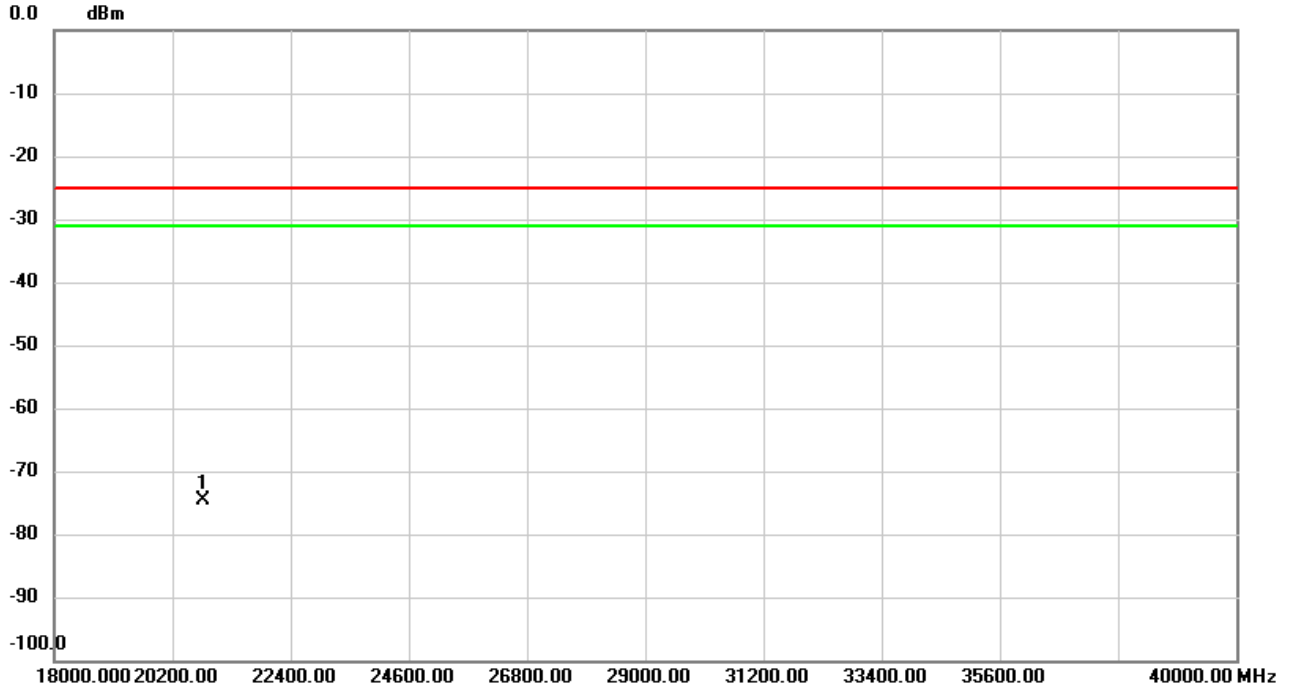


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7805.667	-56.26	17.62	-38.64	-25.00	-13.64	peak	

REMARKS:

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

Test Mode	LTE Band 38 HPUE	Test Date	2023/12/27
Test Channel	CH38000	Polarization	Vertical
Temp	23°C	Hum.	58%

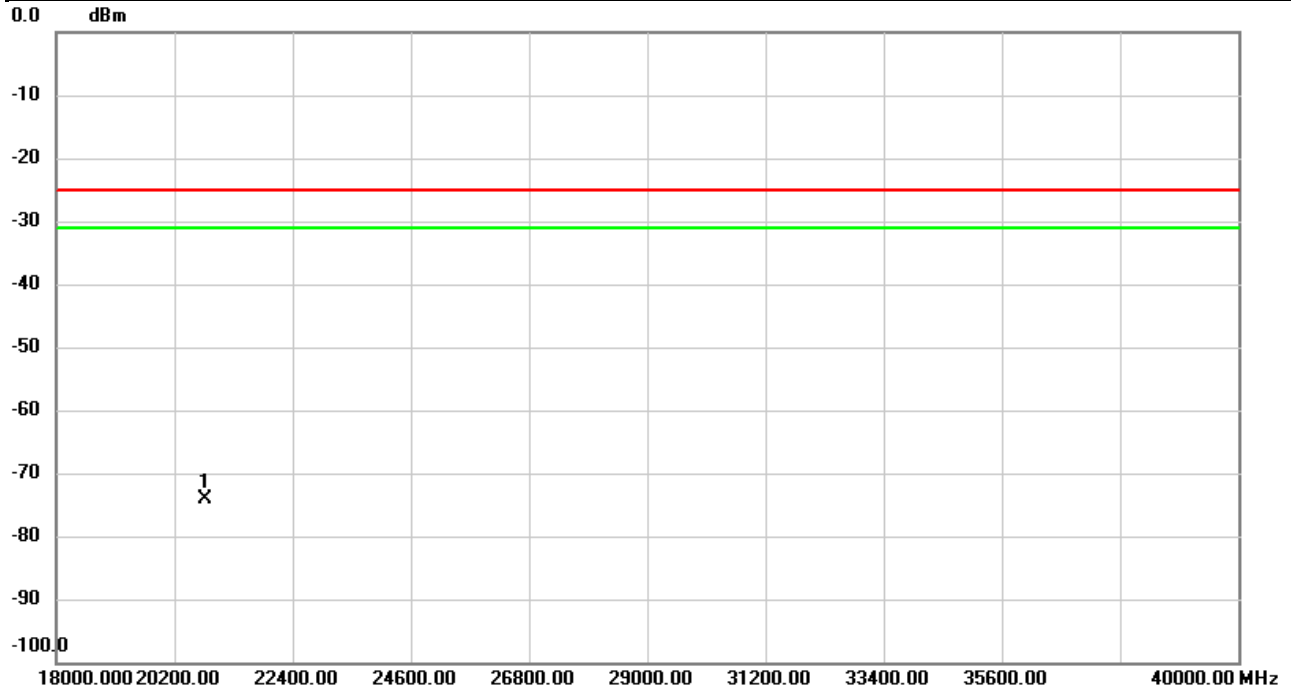


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20760.00	-68.00	-6.56	-74.56	-25.00	-49.56	peak	

REMARKS:

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

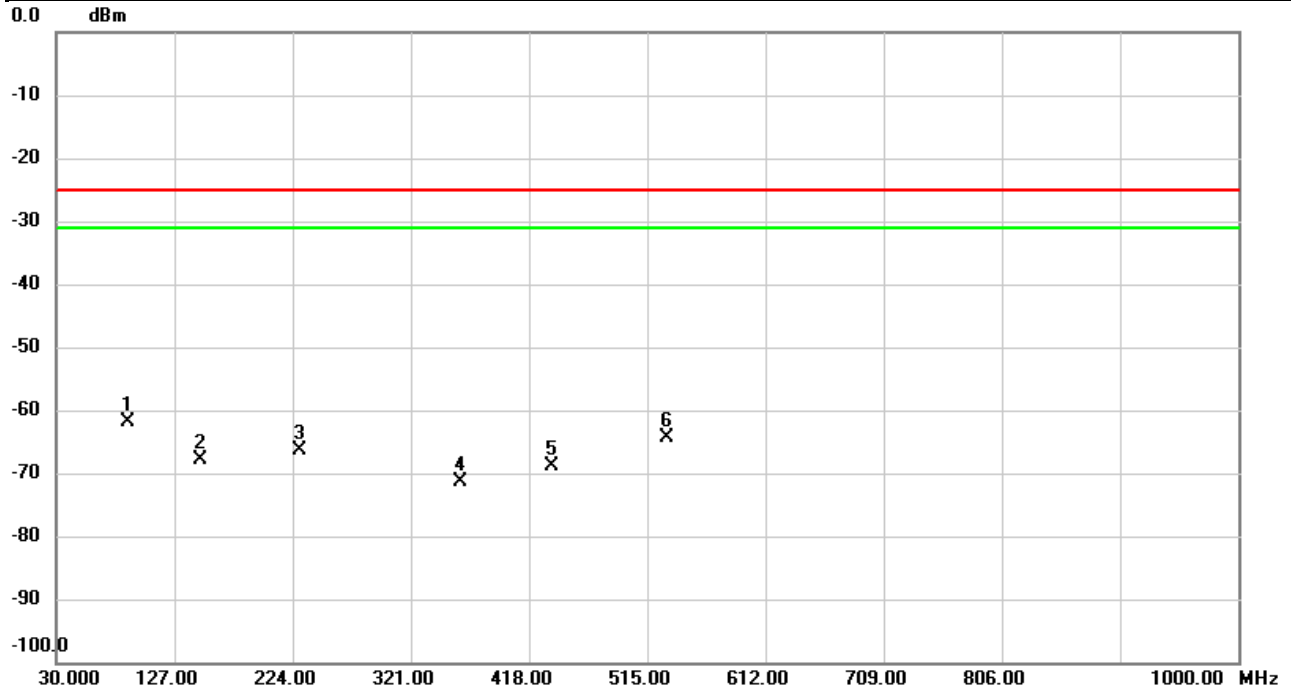
Test Mode	LTE Band 38 HPUE	Test Date	2023/12/27
Test Channel	CH38000	Polarization	Horizontal
Temp	23°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20760.00	-67.64	-6.56	-74.20	-25.00	-49.20	peak	

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/26
Test Channel	CH41490	Polarization	Vertical
Temp	21°C	Hum.	59%

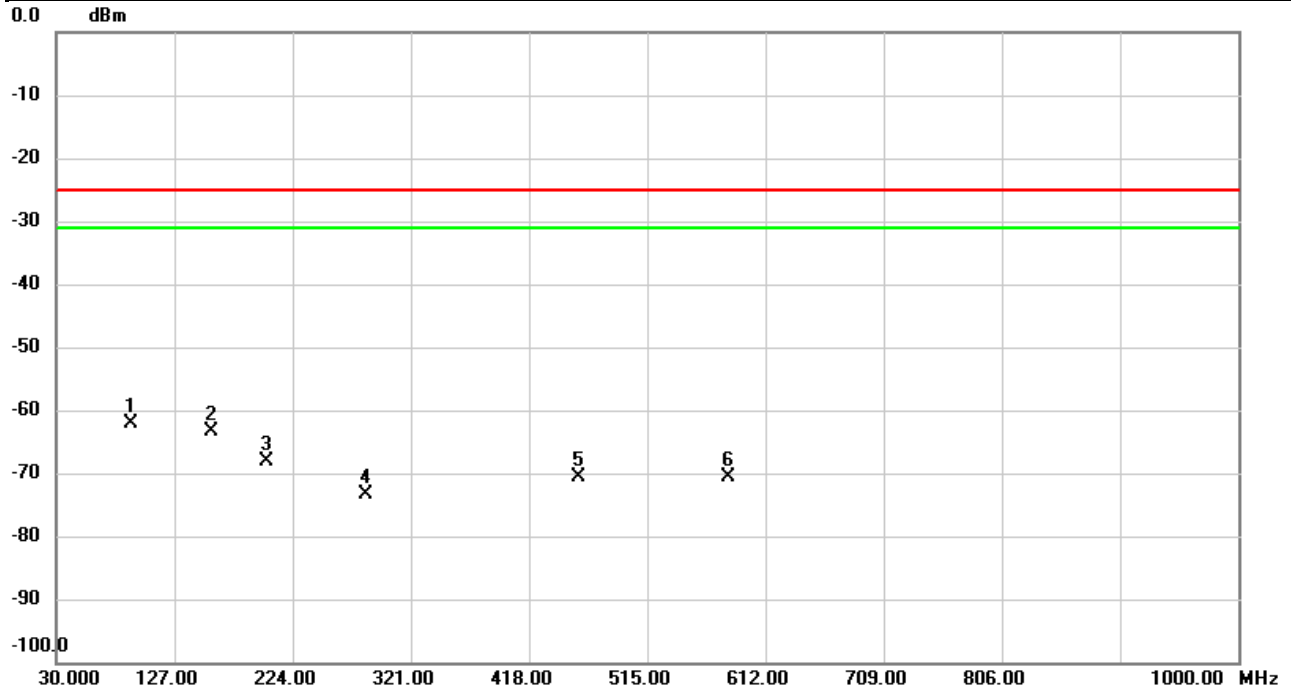


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	89.0083	-58.28	-3.47	-61.75	-25.00	-36.75	peak	
2		148.8250	-67.22	-0.67	-67.89	-25.00	-42.89	peak	
3		229.6260	-65.66	-0.66	-66.32	-25.00	-41.32	peak	
4		361.5460	-70.78	-0.52	-71.30	-25.00	-46.30	peak	
5		436.3977	-69.32	0.54	-68.78	-25.00	-43.78	peak	
6		531.1342	-68.35	3.88	-64.47	-25.00	-39.47	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/26
Test Channel	CH41490	Polarization	Horizontal
Temp	21°C	Hum.	59%

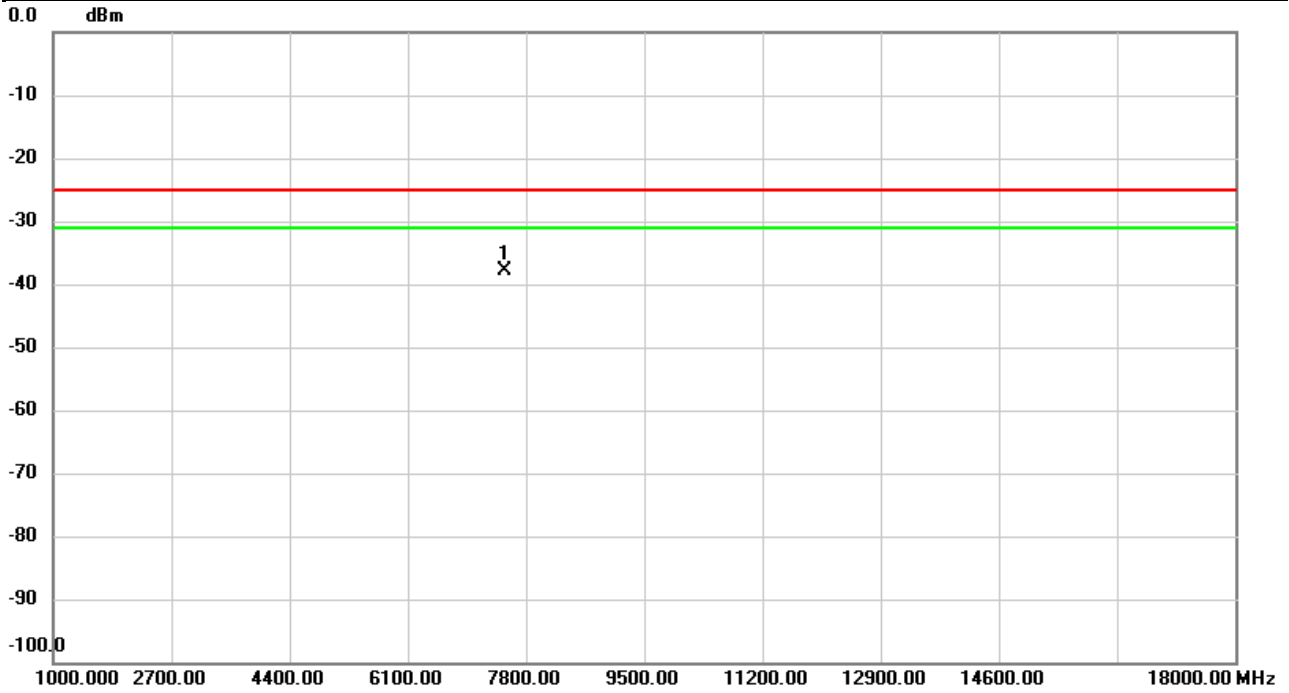


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	91.5627	-55.98	-6.11	-62.09	-25.00	-37.09	peak	
2		157.1347	-59.50	-3.79	-63.29	-25.00	-38.29	peak	
3		202.8217	-60.68	-7.34	-68.02	-25.00	-43.02	peak	
4		284.3662	-68.93	-4.54	-73.47	-25.00	-48.47	peak	
5		459.2573	-70.79	0.22	-70.57	-25.00	-45.57	peak	
6		582.1887	-72.72	1.98	-70.74	-25.00	-45.74	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH39750	Polarization	Vertical
Temp	22°C	Hum.	57%

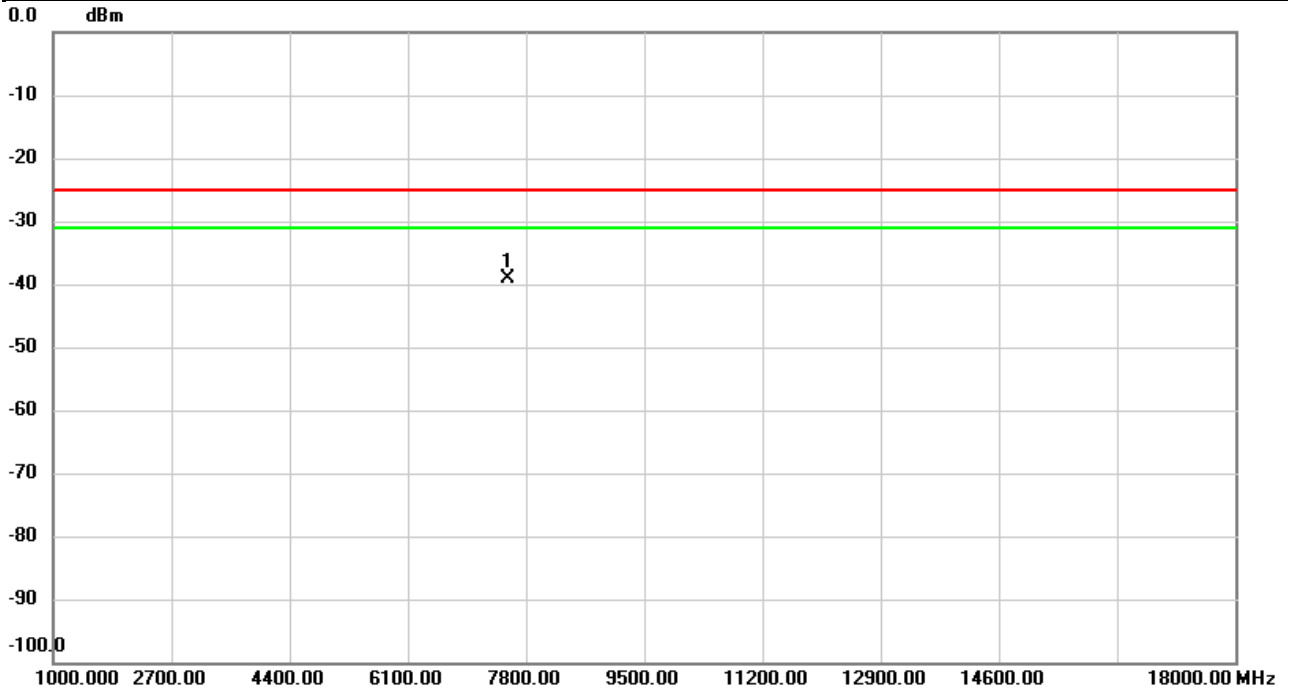


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7493.433	-55.82	17.97	-37.85	-25.00	-12.85	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH39750	Polarization	Horizontal
Temp	22°C	Hum.	57%

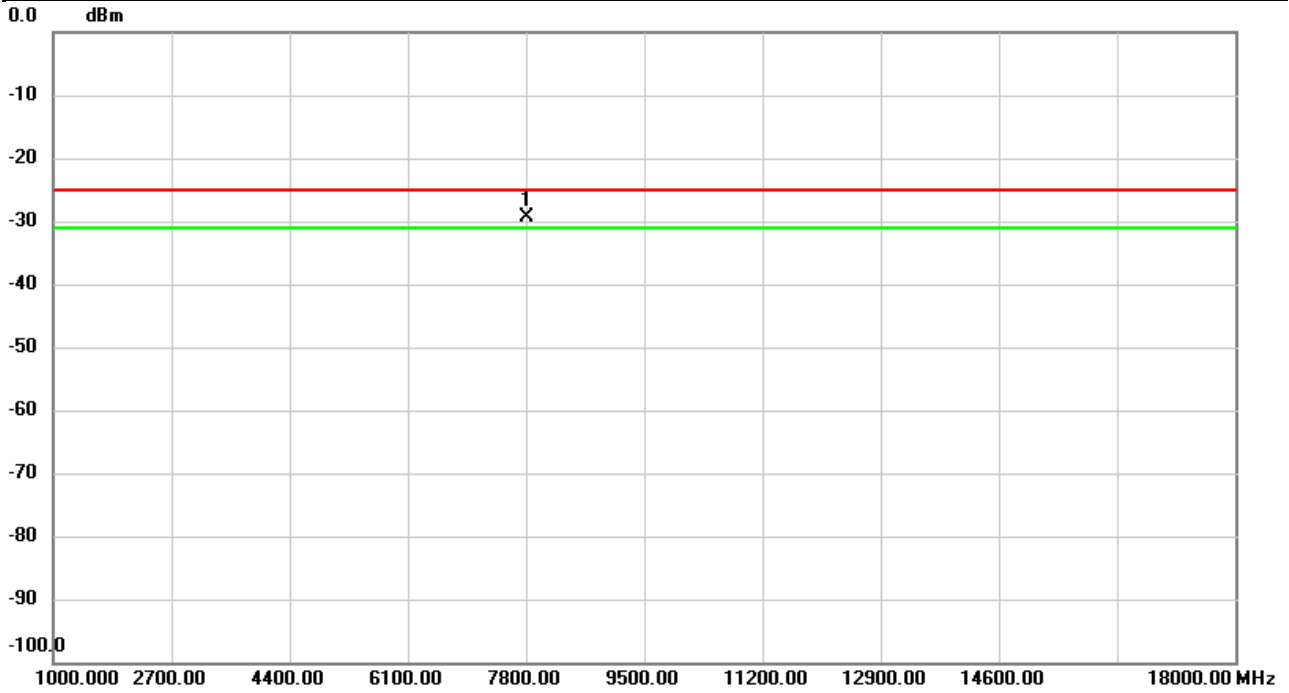


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7542.733	-56.45	17.22	-39.23	-25.00	-14.23	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH40620	Polarization	Vertical
Temp	22°C	Hum.	57%

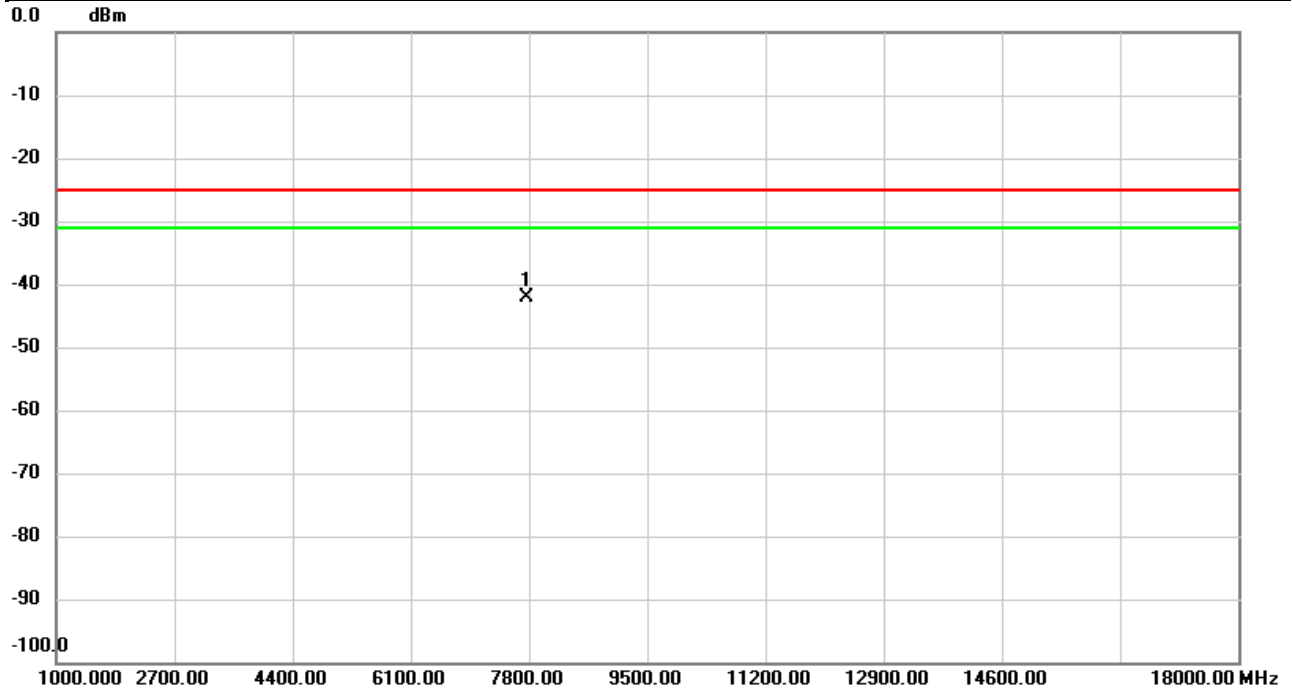


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	7803.400	-47.07	17.59	-29.48	-25.00	-4.48	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH40620	Polarization	Horizontal
Temp	22°C	Hum.	57%

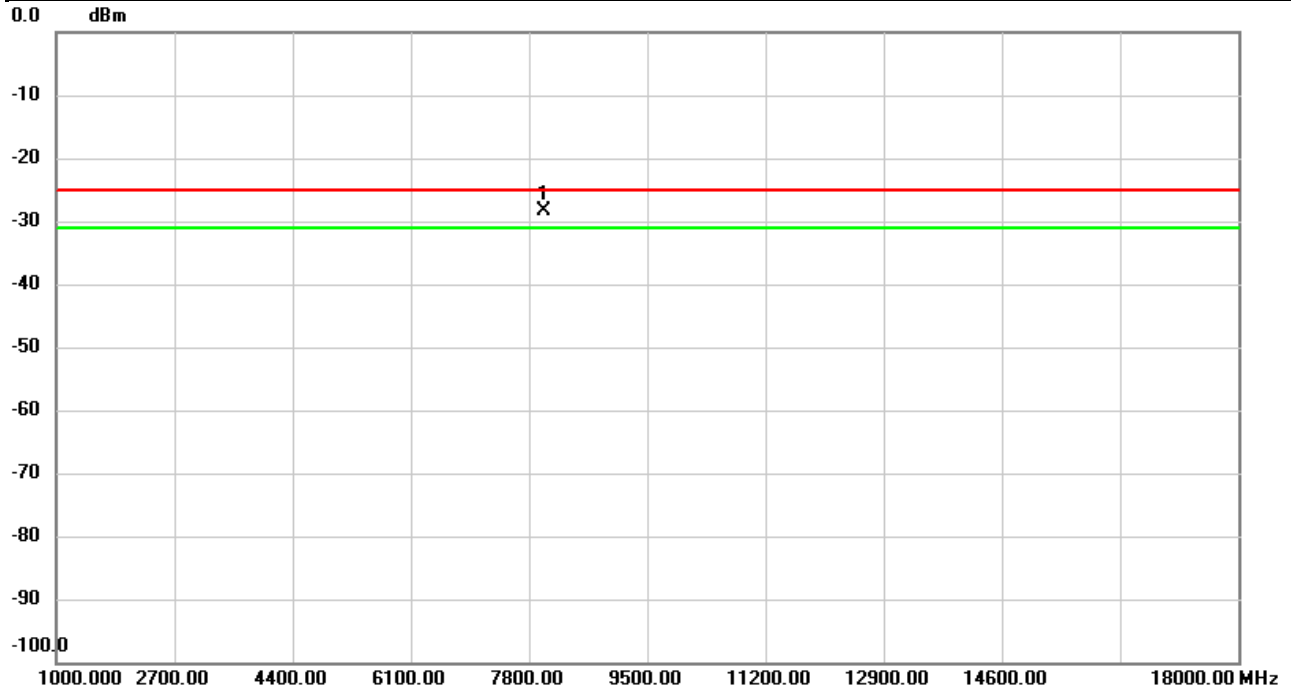


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7754.667	-59.36	17.34	-42.02	-25.00	-17.02	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH41490	Polarization	Vertical
Temp	22°C	Hum.	57%

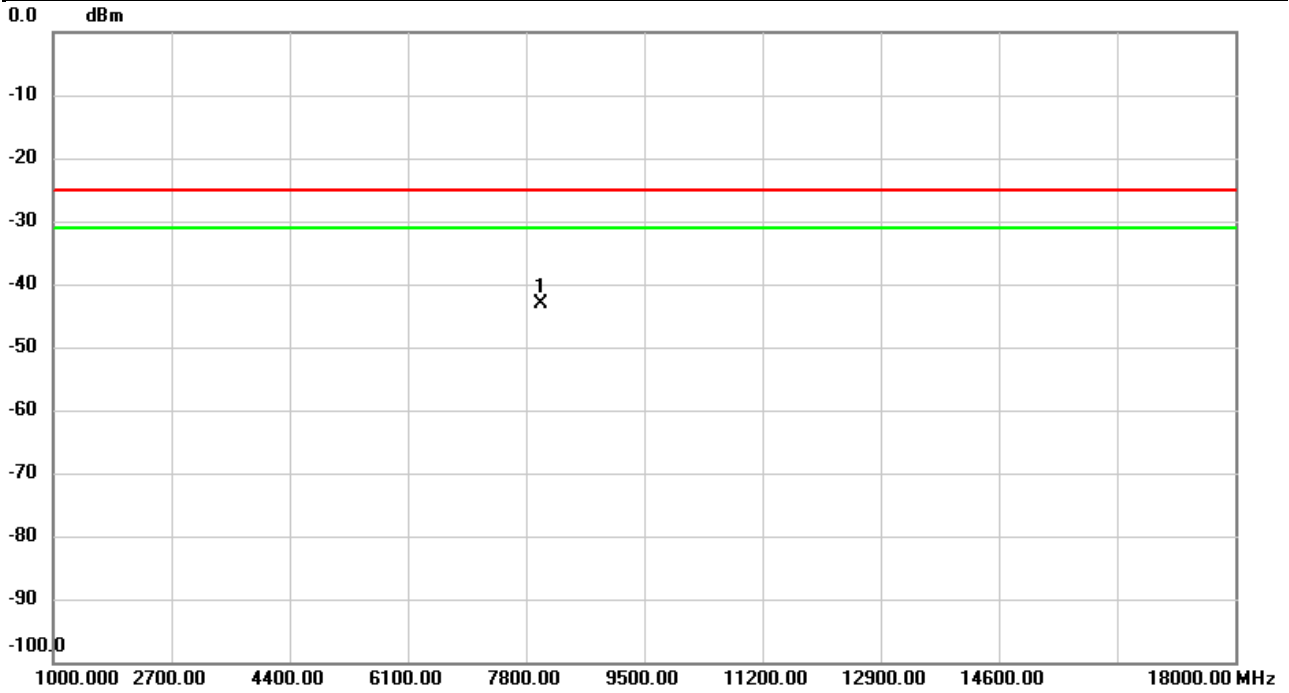


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	8015.333	-46.19	17.75	-28.44	-25.00	-3.44	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/21
Test Channel	CH41490	Polarization	Horizontal
Temp	22°C	Hum.	57%

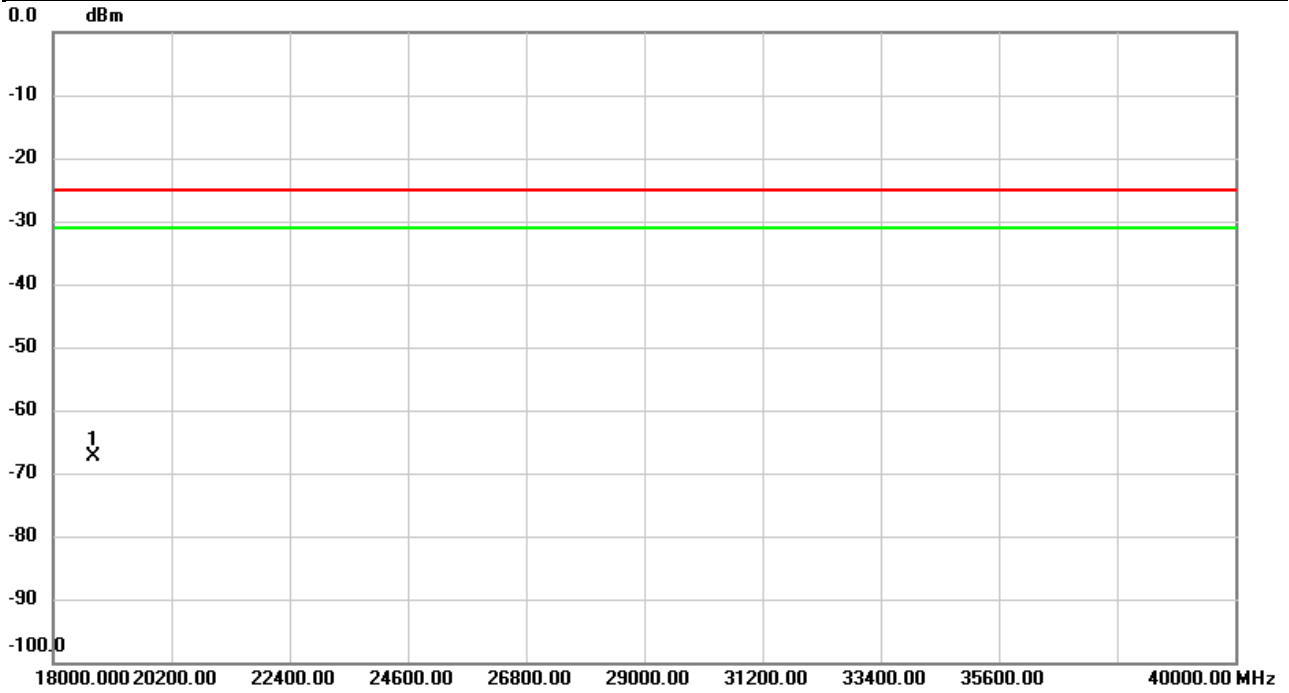


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	8015.333	-61.25	18.23	-43.02	-25.00	-18.02	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/27
Test Channel	CH41490	Polarization	Vertical
Temp	23°C	Hum.	58%

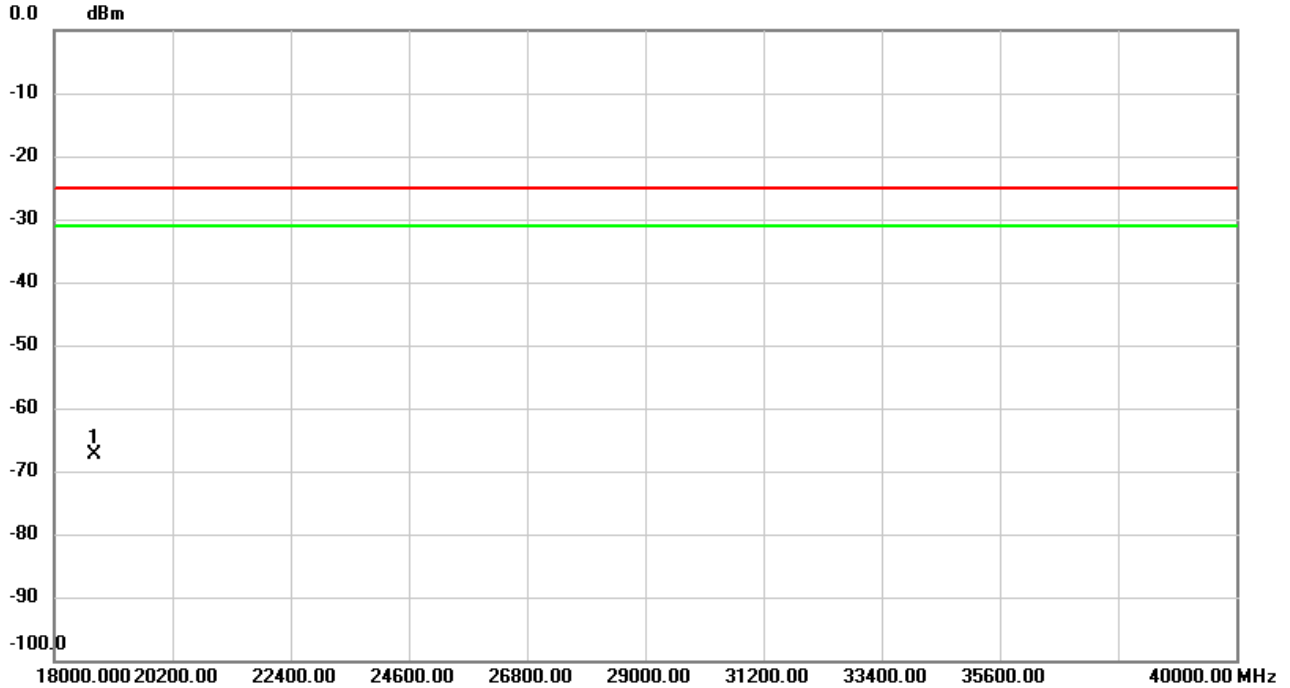


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18760.00	-61.04	-6.35	-67.39	-25.00	-42.39	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2023/12/27
Test Channel	CH41490	Polarization	Horizontal
Temp	23°C	Hum.	58%

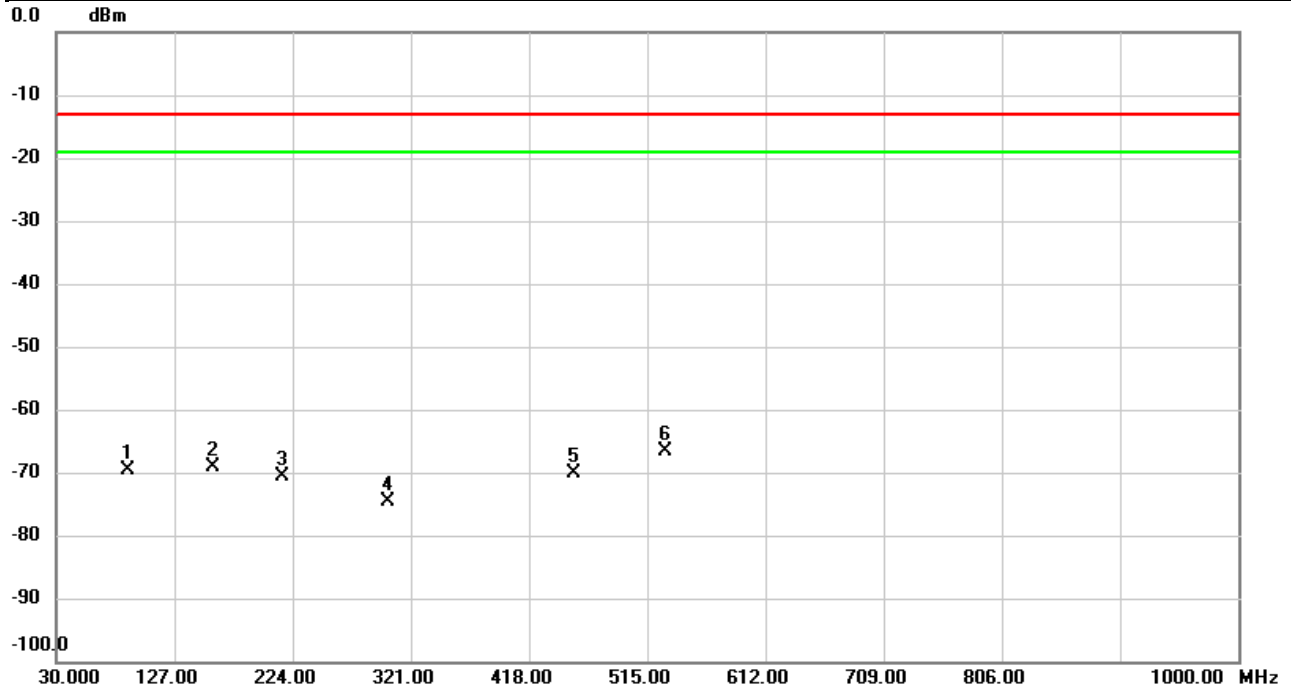


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	18760.00	-61.08	-6.35	-67.43	-25.00	-42.43	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Vertical
Temp	22°C	Hum.	59%

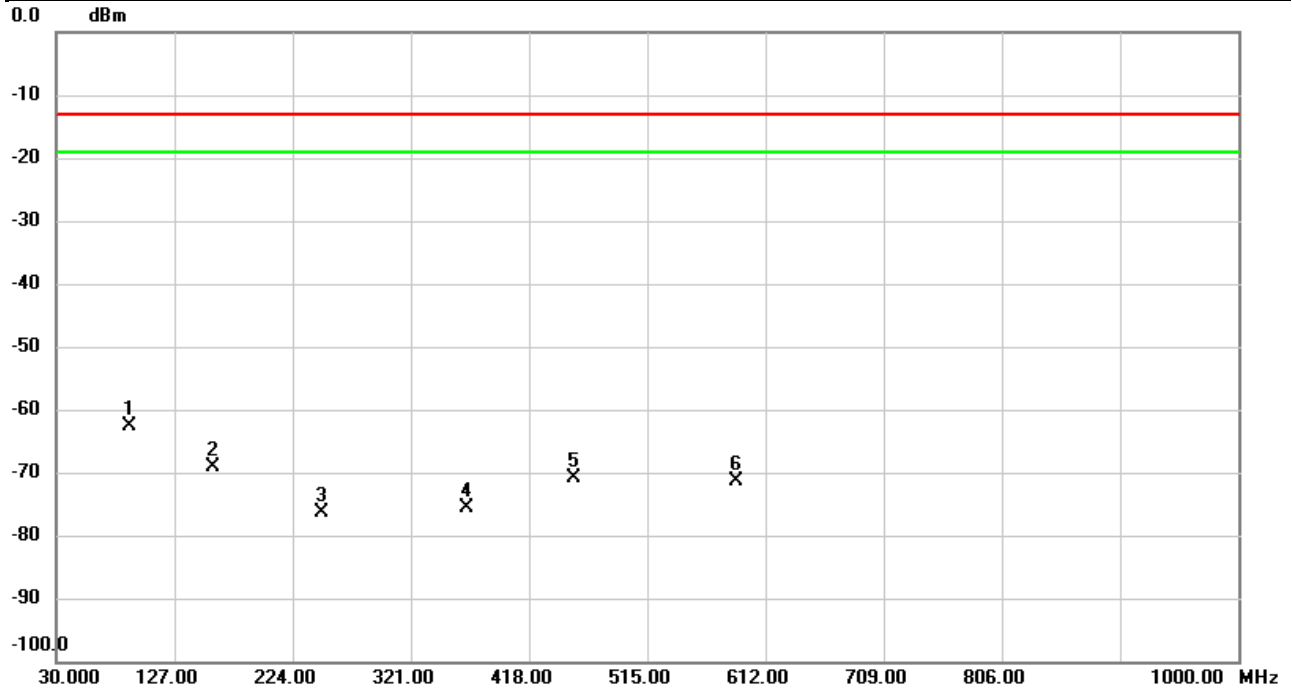


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		88.9113	-63.94	-5.62	-69.56	-13.00	-56.56	peak	
2		158.2986	-66.82	-2.24	-69.06	-13.00	-56.06	peak	
3		215.9813	-66.94	-3.75	-70.69	-13.00	-57.69	peak	
4		301.6646	-71.26	-3.28	-74.54	-13.00	-61.54	peak	
5		455.1510	-68.98	-1.24	-70.22	-13.00	-57.22	peak	
6	*	529.8733	-68.29	1.66	-66.63	-13.00	-53.63	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Horizontal
Temp	22°C	Hum.	59%

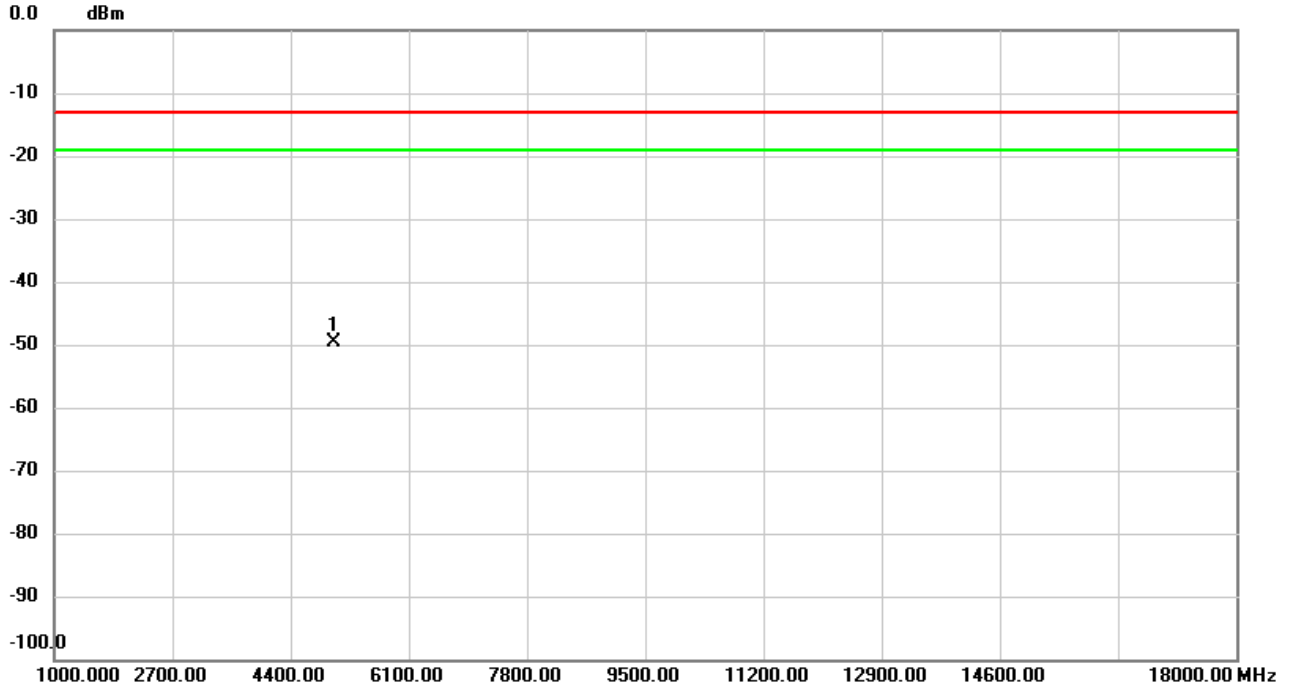


No.	Mk.	Freq. (MHz)	Reading Level (dBm)	Correct Factor (dB)	Measurement (dBm)	Limit (dBm)	Over (dB)	Detector	Comment
1	*	89.6550	-54.30	-8.33	-62.63	-13.00	-49.63	peak	
2		158.5897	-63.16	-6.00	-69.16	-13.00	-56.16	peak	
3		247.6033	-68.32	-8.03	-76.35	-13.00	-63.35	peak	
4		366.6870	-73.04	-2.57	-75.61	-13.00	-62.61	peak	
5		455.1833	-68.81	-1.97	-70.78	-13.00	-57.78	peak	
6		587.7823	-71.31	-0.09	-71.40	-13.00	-58.40	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Low CH	Polarization	Vertical
Temp	22°C	Hum.	59%

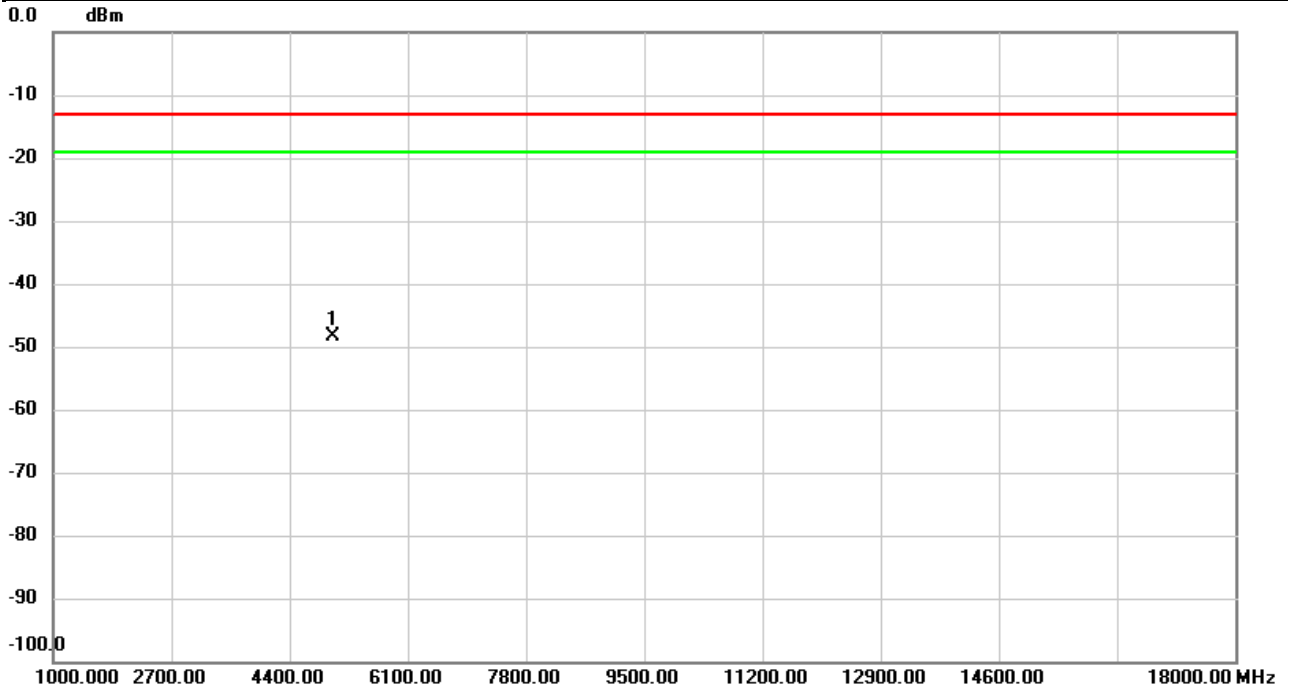


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5012.000	-63.24	13.59	-49.65	-13.00	-36.65	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Low CH	Polarization	Horizontal
Temp	22°C	Hum.	59%

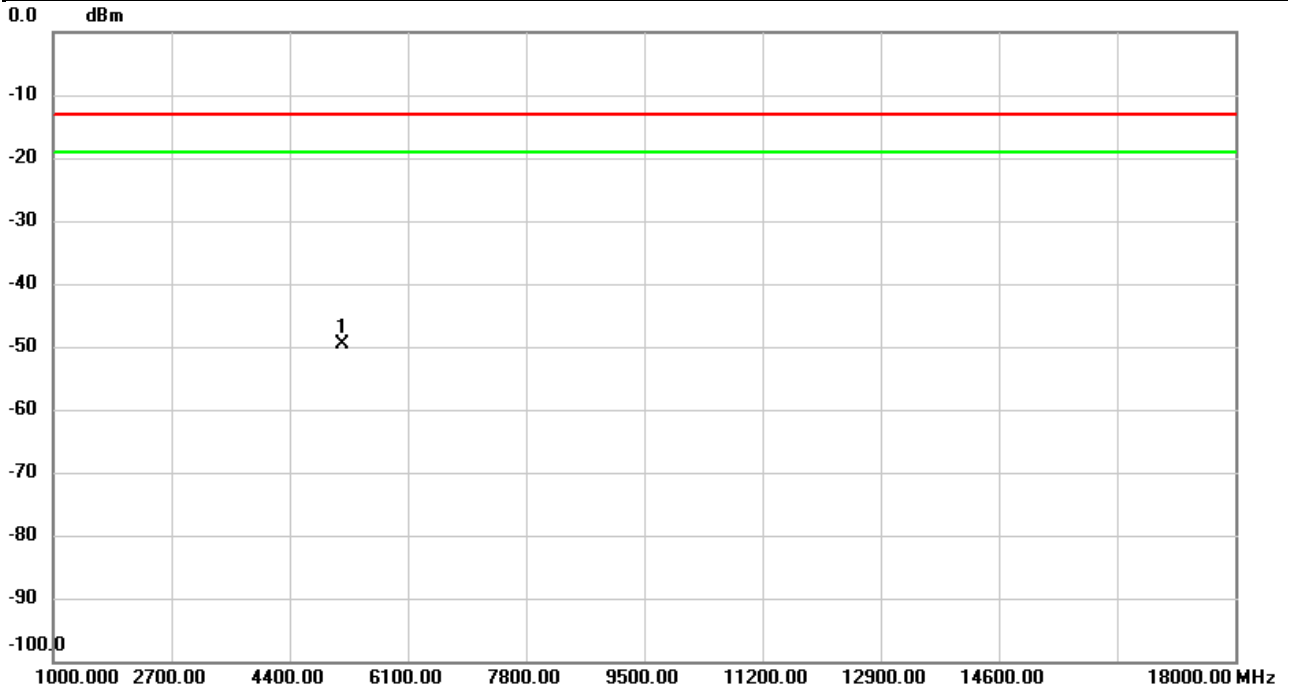


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5012.000	-62.00	13.56	-48.44	-13.00	-35.44	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Vertical
Temp	22°C	Hum.	59%

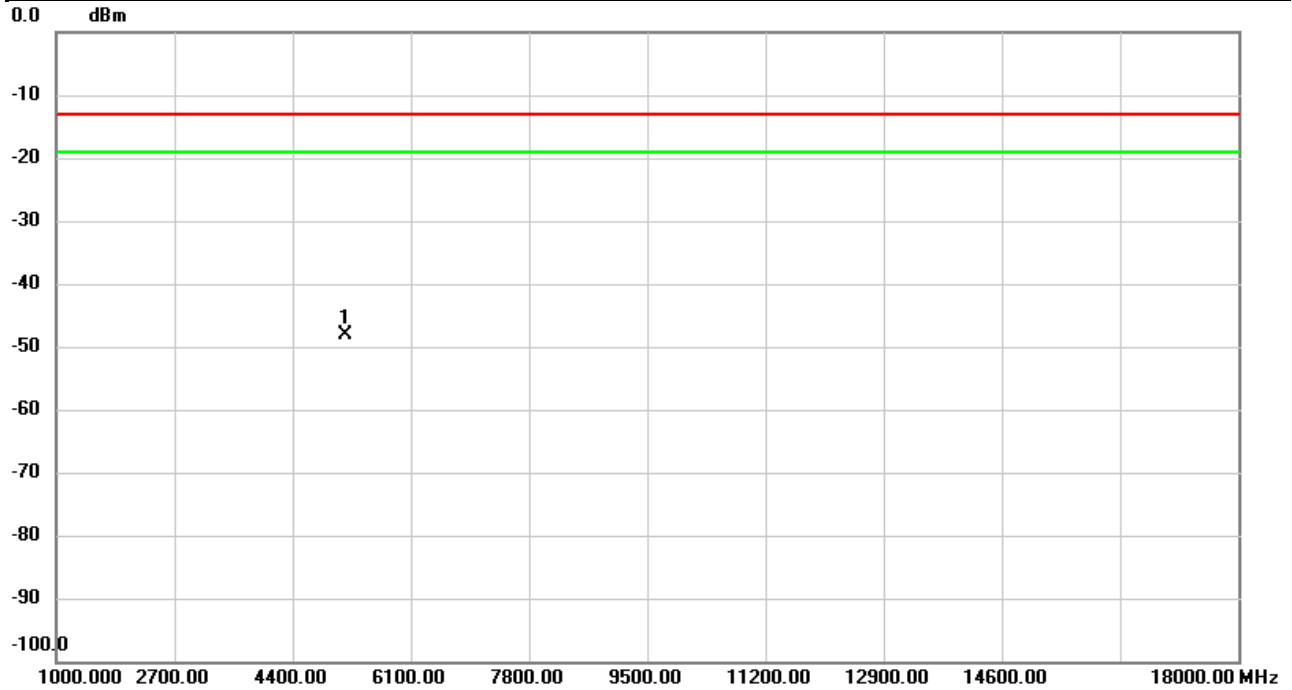


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5166.000	-63.22	13.61	-49.61	-13.00	-36.61	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Horizontal
Temp	22°C	Hum.	59%

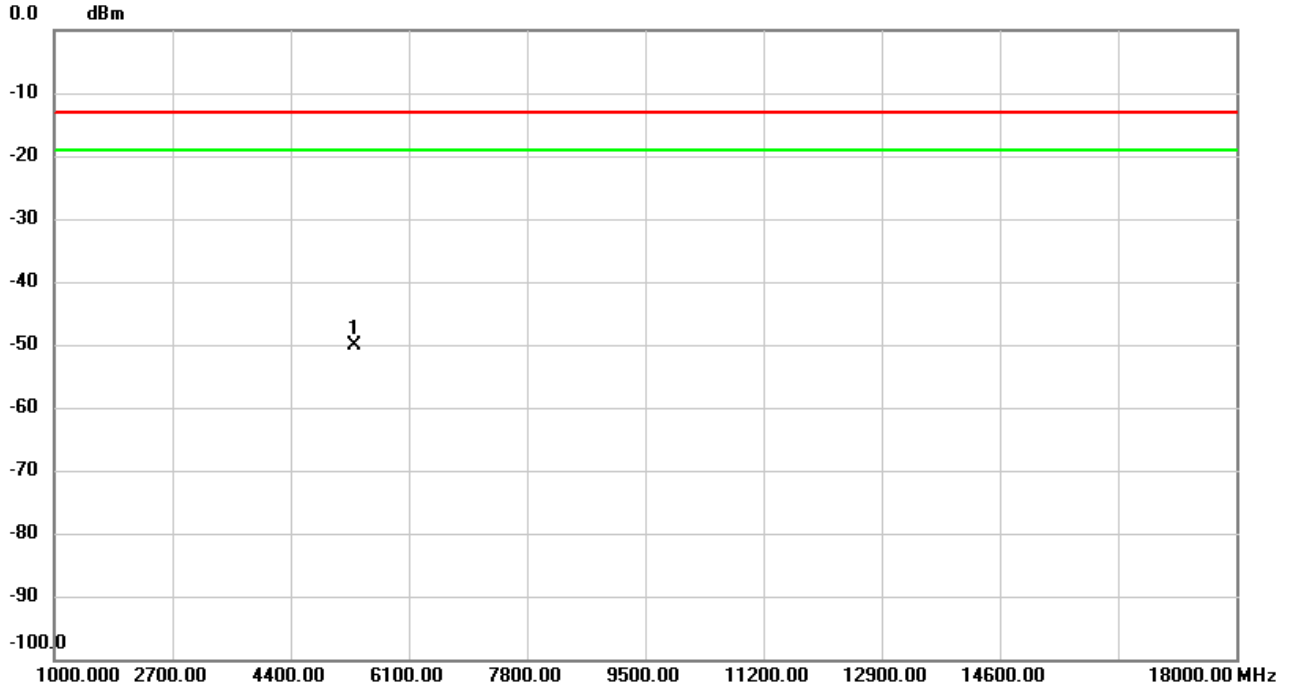


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5166.000	-61.93	13.84	-48.09	-13.00	-35.09	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	High CH	Polarization	Vertical
Temp	22°C	Hum.	59%

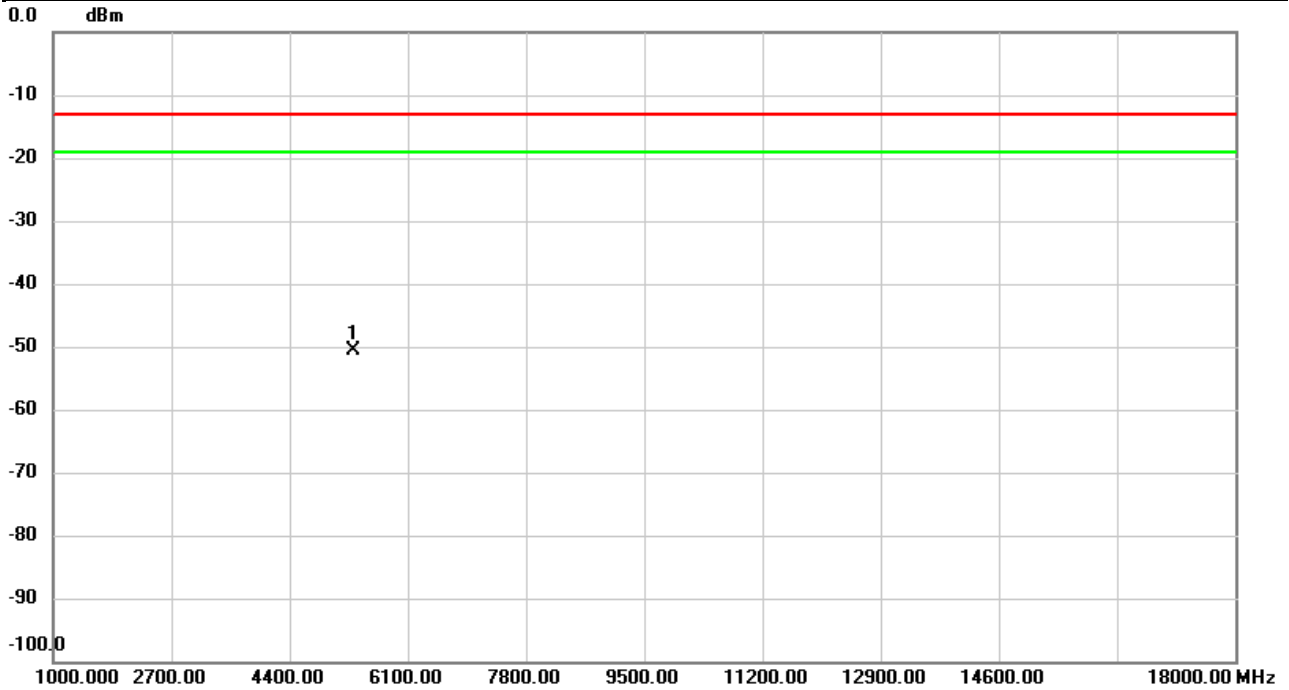


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5320.000	-63.78	13.72	-50.06	-13.00	-37.06	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	High CH	Polarization	Horizontal
Temp	22°C	Hum.	59%

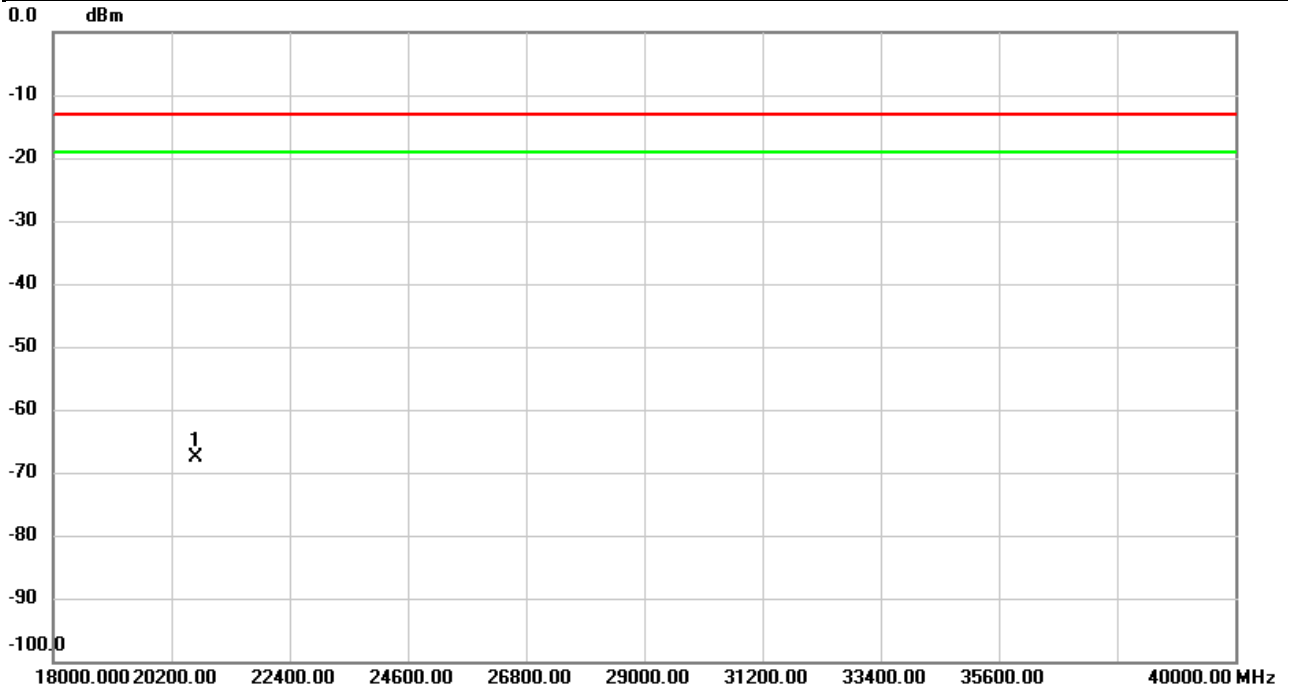


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5320.000	-64.24	13.72	-50.52	-13.00	-37.52	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Vertical
Temp	22°C	Hum.	59%

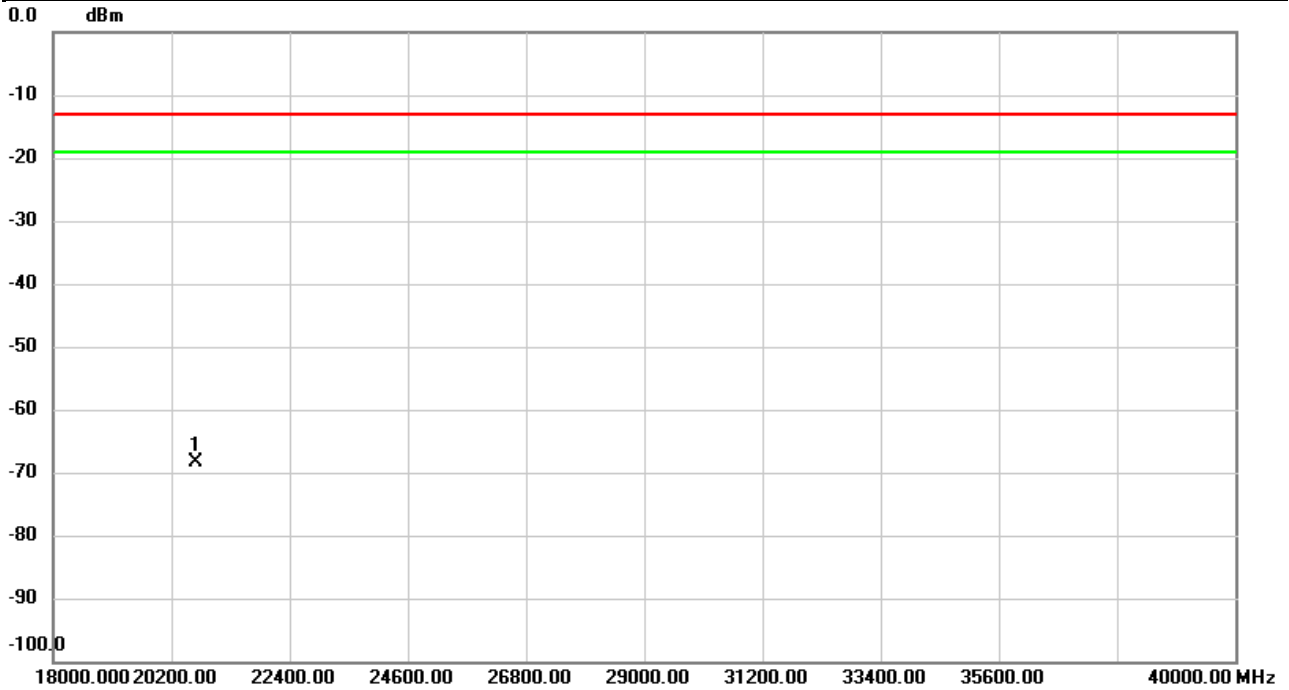


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	20664.00	-61.03	-6.69	-67.72	-13.00	-54.72	peak	

REMARKS:

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

Test Mode	LTE Band CA_41C	Test Date	2024/1/12
Test Channel	Mid. CH	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	20664.00	-61.67	-6.69	-68.36	-13.00	-55.36	peak	

REMARKS:

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

End of Test Report