

FCC Radio Test Report

FCC ID: 2AJN7-TP00143AL

Report No. : BTL-FCCP-13-2112T127
Equipment : Notebook Computer
Model Name : TP00143AL
Brand Name : Lenovo
Applicant : LC Future Center
Address : 7F., No. 780, Beian Rd., Zhongshan Dist., Taipei City 104, Taiwan
Manufacturer : Lenovo PC HK Limited
Address : 23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R. China

Radio Function : WCDMA Band IV, LTE Band 4, 7, 12, 13, 17, 30, 38, 41, 66, 71

FCC Rule Part(s) : FCC CFR Title 47, Part 27, Subpart D
 FCC CFR Title 47, Part 27, Subpart F
 FCC CFR Title 47, Part 27, Subpart H
 FCC CFR Title 47, Part 27, Subpart L
 FCC CFR Title 47, Part 27, Subpart M
 FCC CFR Title 47, Part 27, Subpart N

Measurement Procedure(s) : ANSI C63.26-2015
 ANSI/TIA-603-E-2016
 FCC KDB 971168 D01 Power Meas License Digital Systems v03r01

Date of Receipt : 2022/1/13
Date of Test : 2022/1/13 ~ 2022/3/30
Issued Date : 2022/3/31

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-13-2112T127	R00	Original Report.	2022/3/31	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This item is demonstrated to full compliance referring to the test report number FG003022A, FG003022B, FG003022C, FG003022E, FG003022-02 of the integrated module (model name: L860-GL-16, FCC ID: ZMOL860GL16), according to KDB 996369 D02 Q1 a) 2).
- (4) The ac power lines conducted emissions and radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

The test sites and facilities are covered under FCC RN: 355421 and DN: TW1099.

- C05 CB08 CB11 CB15 CB16
 SR05

1.2 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. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	CISPR	150 kHz ~ 30MHz	3.44

B. Effective Radiated Power & Equivalent Isotropic Radiated Power and Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB15	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.

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	23 °C, 60 %	AC 120V	Angela Wang
Conducted Output Power	23.5 °C, 58.5 %	AC 120V	William Wei
Effective Radiated Power & Equivalent Isotropic Radiated Power	Refer to data	AC 120V	Vincent Lee Eddie Lee
Radiated Spurious Emissions	Refer to data	AC 120V	Vincent Lee Eddie Lee

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer			
Model Name	TP00143AL			
Brand Name	Lenovo			
Model Difference	N/A			
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADL135SLC3A, ADL135SCC2A)			
Power Rating	I/P: 100-240V~ 2.5A 50-60Hz O/P: DC20.0V 6.75A 135.0W			
WWAN Module	Fibocom / L860-GL-16			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	WCDMA IV	1710 ~ 1755	2110 ~ 2155	
	LTE 4	1710 ~ 1755	2110 ~ 2155	
	LTE 7	2500 ~ 2570	2620 ~ 2690	
	LTE 12	699 ~ 716	729 ~ 746	
	LTE 13	777 ~ 787	746 ~ 756	
	LTE 17	704 ~ 716	734 ~ 746	
	LTE 30	2305 ~ 2315	2350 ~ 2360	
	LTE 38	2570 ~ 2620	-	
	LTE 41	2496 ~ 2690	-	
	LTE 66	1710 ~ 1780	2110 ~ 2200	
LTE 71	663 ~ 698	617 ~ 652		
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	WCDMA IV	-	-	0.407
	LTE 4	1.4	QPSK	0.327
			16QAM	0.264
		3	QPSK	0.333
			16QAM	0.269
		5	QPSK	0.337
			16QAM	0.272
		10	QPSK	0.340
			16QAM	0.274
		15	QPSK	0.347
			16QAM	0.280
	LTE 30	5	QPSK	0.042
			16QAM	0.034
		10	QPSK	0.043
			16QAM	0.035
	LTE 7	5	QPSK	0.329
			16QAM	0.269
		10	QPSK	0.334
			16QAM	0.270
		15	QPSK	0.338
16QAM			0.273	
20	QPSK	0.348		
	16QAM	0.281		

Maximum EIRP	LTE 38	5	QPSK	0.325
			16QAM	0.262
		10	QPSK	0.330
			16QAM	0.267
		15	QPSK	0.334
			16QAM	0.270
	20	QPSK	0.334	
		16QAM	0.278	
	LTE 41	5	QPSK	0.290
			16QAM	0.234
		10	QPSK	0.296
			16QAM	0.239
		15	QPSK	0.305
			16QAM	0.247
		20	QPSK	0.311
			16QAM	0.251
	LTE 41 HPUE	5	QPSK	0.528
			16QAM	0.438
		10	QPSK	0.535
			16QAM	0.443
		15	QPSK	0.541
			16QAM	0.448
		20	QPSK	0.547
			16QAM	0.453
LTE 66	1.4	QPSK	0.189	
		16QAM	0.153	
	3	QPSK	0.191	
		16QAM	0.155	
	5	QPSK	0.195	
		16QAM	0.157	
	10	QPSK	0.198	
		16QAM	0.160	
	15	QPSK	0.201	
		16QAM	0.162	
	20	QPSK	0.205	
		16QAM	0.165	
Maximum ERP	LTE 12	1.4	QPSK	0.143
			16QAM	0.115
		3	QPSK	0.146
			16QAM	0.118
		5	QPSK	0.149
			16QAM	0.120
	10	QPSK	0.151	
		16QAM	0.122	
	LTE 13	5	QPSK	0.091
			16QAM	0.071
		10	QPSK	0.092
			16QAM	0.072
	LTE 17	5	QPSK	0.184
			16QAM	0.149
		10	QPSK	0.189
			16QAM	0.153

Maximum ERP	LTE 71	5	QPSK	0.177
			16QAM	0.143
		10	QPSK	0.179
			16QAM	0.145
		15	QPSK	0.182
			16QAM	0.147
20	QPSK	0.185		
	16QAM	0.150		
Test Model	TP00143AL			
Sample Status	Engineering Sample			
EUT Modification(s)	N/A			

NOTE:

(1) For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

(2) Table for Filed Antenna:

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	AWAN	DC33001WF00	PIFA	I-PEX	1.68	WCDMA Band IV LTE Band 4
					1.51	LTE Band 7
					-0.91	LTE Band 12
					-3.12	LTE Band 13
					-1.1	LTE Band 17
					-1.08	LTE Band 30
					1.51	LTE Band 38
					1.11	LTE Band 41
					1.75	LTE Band 66
					-0.04	LTE Band 71
Aux	AWAN	DC33001WF10	PIFA	I-PEX	-	RX only
MIMO1	AWAN	DC33001WF30	PIFA	I-PEX	-	Rx only
MIMO2	AWAN	DC33001WF20	PIFA	I-PEX	1.23	LTE Band 38

2.2 TEST MODES

Test Items	Band	Test Mode	Note
AC Power Line Conducted Emissions	-	Normal/Idle	-
Conducted Output Power	WCDMA Band IV	Refer to APPENDIX B	-
	LTE Band 4		
	LTE Band 7		
	LTE Band 12		
	LTE Band 13		
	LTE Band 17		
	LTE Band 30		
	LTE Band 38		
	LTE Band 41		
	LTE Band 66		
Effective Radiated Power & Equivalent Isotropic Radiated Power	WCDMA Band IV	TX Mode (CH 1312/1413/1513)	-
	LTE Band 4	TX Mode (CH 20050/20175/20300)	-
	LTE Band 7	TX Mode (CH 20850/21100/21350)	-
	LTE Band 12	TX Mode (CH 23060/23095/23130)	-
	LTE Band 13	TX Mode (CH 23230)	-
	LTE Band 17	TX Mode (CH 23780/23790/23800)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 37852/37997/38142)	-
	LTE Band 41	TX Mode (CH 39750/40620/41490)	-
	LTE Band 66	TX Mode (CH 132072/132322/132572)	-
	LTE Band 71	TX Mode (CH 133222/133297/133372)	-
Radiated Spurious Emissions	WCDMA Band IV	TX Mode (CH 1413)	-
	LTE Band 4	TX Mode (CH 20175)	-
	LTE Band 7	TX Mode (CH 21100)	-
	LTE Band 12	TX Mode (CH 23095)	-
	LTE Band 13	TX Mode (CH 23230)	-
	LTE Band 17	TX Mode (CH 23790)	-
	LTE Band 30	TX Mode (CH 27710)	-
	LTE Band 38	TX Mode (CH 37997)	-
	LTE Band 41	TX Mode (CH 40620)	-
	LTE Band 66	TX Mode (CH 132322)	-
	LTE Band 71	TX Mode (CH 133297)	-

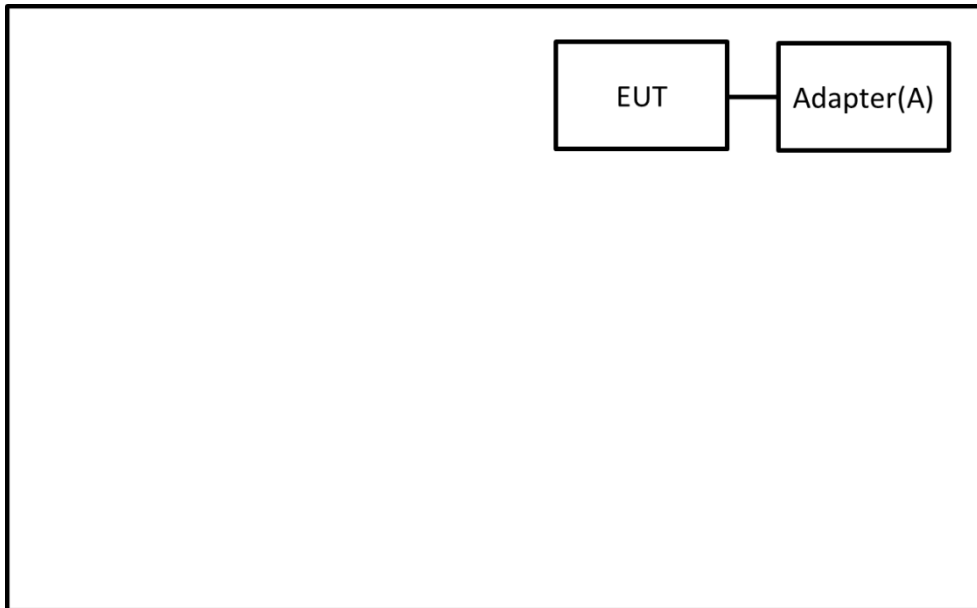
NOTE:

- (1) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.
- (2) For Radiated Spurious Emissions both QPSK and 16QAM are evaluated, but only the worst case (QPSK) is recorded.
- (3) LTE Band 41 support HPUE.

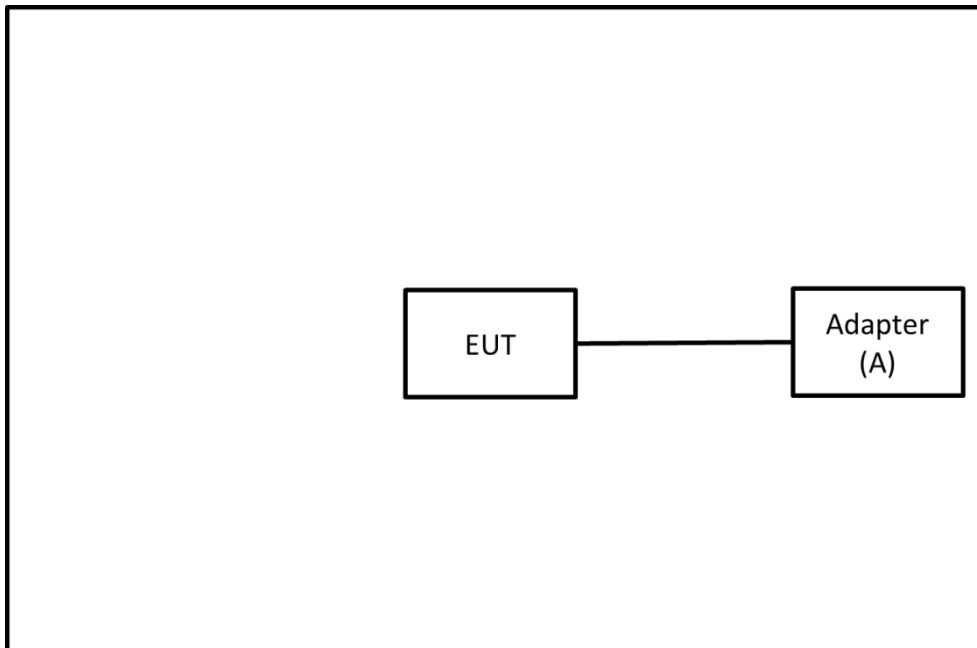
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Adapter	Lenovo	ADL135SLC3A	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
-	-	-	-	-	-

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item - EUT TEST PHOTO.

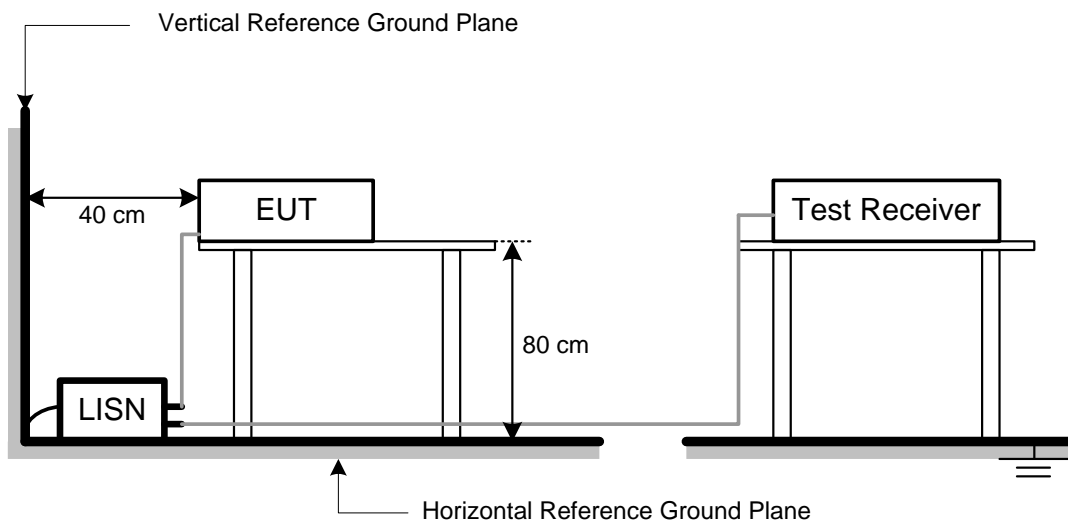
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 EFFECTIVE RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER MEASUREMENT

4.1 LIMIT

WCDMA IV, LTE Band 4 and 66:

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

LTE Band 7, 38 and 41:

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

LTE Band 12, 17 and 71:

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

LTE Band 13:

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

LTE Band 30:

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

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		Correct Factor		Measurement Value
-29.66	+	34.26	=	4.60

Measurement Value		Limit Value		Margin Level
4.60	-	38.45	=	-33.85

4.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5.8.

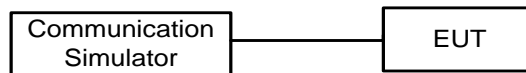
- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 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.

4.3 DEVIATION FROM TEST STANDARD

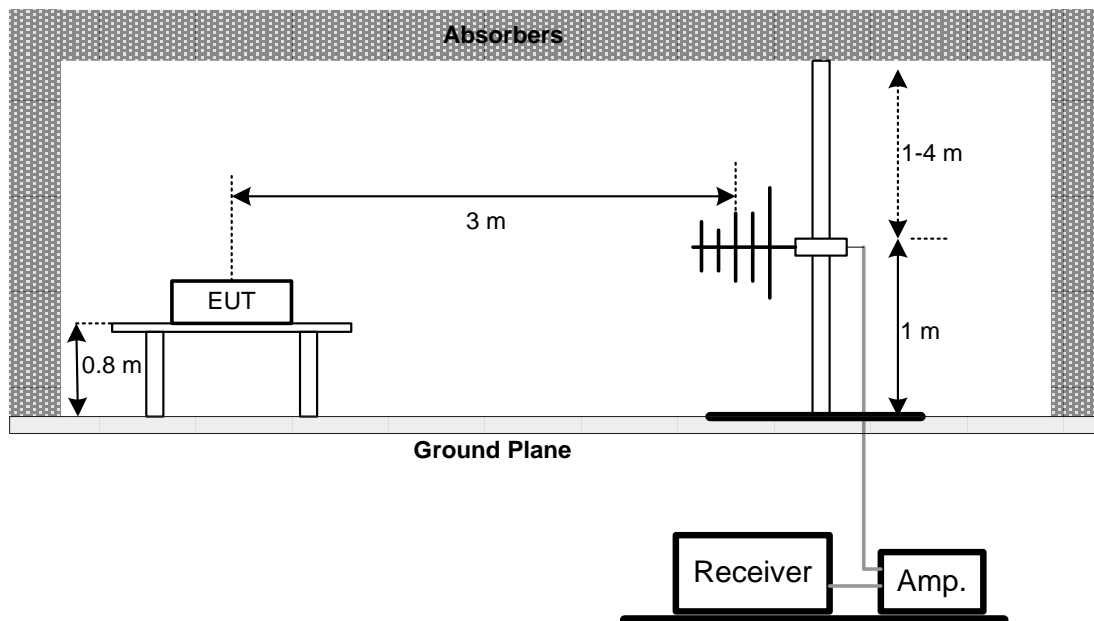
No deviation.

4.4 TEST SETUP

Conducted Measurement:



Radiated Measurement:



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 RADIATED SPURIOUS EMISSIONS MEASUREMENT

5.1 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:

(2) 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		Correct Factor		Measurement Value
-50.43	+	-2.11	=	-52.54

Measurement Value		Limit Value		Margin Level
-52.54	-	-13	=	-39.54

5.2 TEST PROCEDURE

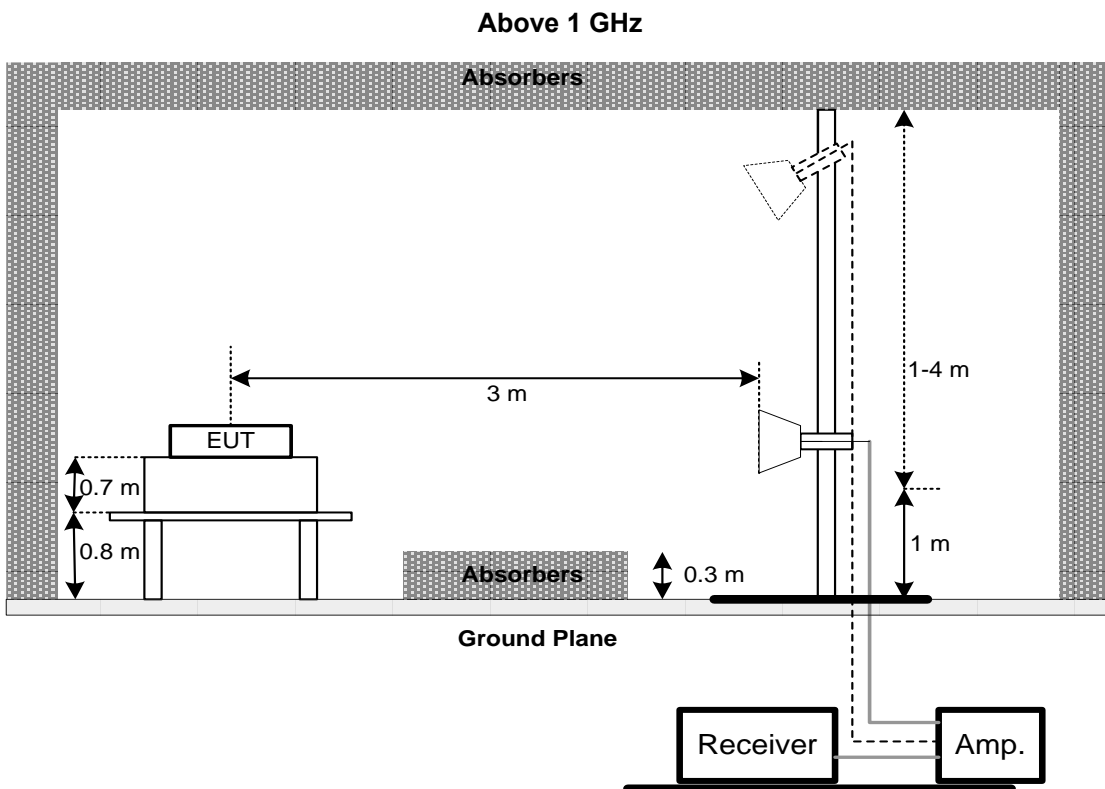
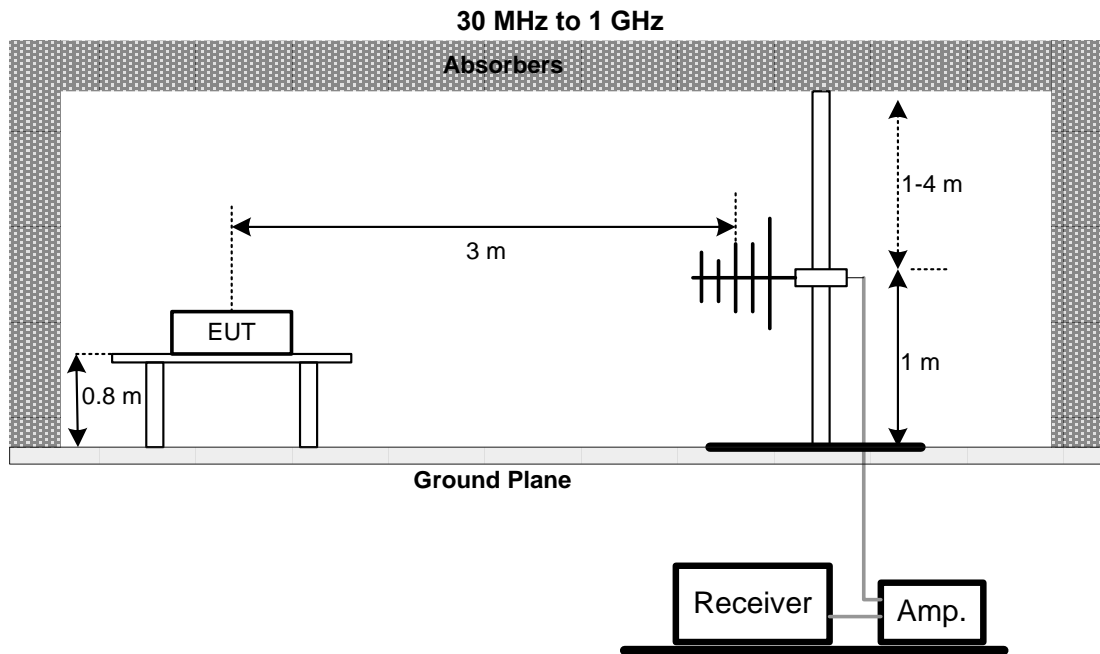
The testing follows FCC KDB 971168 v03r01 Section 6.2.

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX C

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101339	2021/3/10	2022/3/9
2	Test Cable	EMCI	EMCCFD300-BM-BMR-6000	170714	2021/6/7	2022/6/6
3	EMI Test Receiver	R&S	ESR 7	101433	2021/11/24	2022/11/23
4	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Conducted Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	8960 Series 10 Wireless Com Test Set	Agilent	E5515C	GB47390193	2021/7/23	2022/7/22
2	Radio Communication Analyzer	Anritsu	MT8820C	6201381608	2021/12/15	2022/12/14

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC02325	980217	2021/4/8	2022/4/7
2	Preamplifier	EMCI	EMC012645B	980222	2021/4/8	2022/4/7
3	Test Cable	EMCI	EMC104-SM-1000	180809	2021/4/8	2022/4/7
4	Test Cable	EMCI	EMC104-SM-SM-3000	151205	2021/4/8	2022/4/7
5	Test Cable	EMCI	EMC-SM-SM-7000	180408	2021/4/8	2022/4/7
6	MXE EMI Receiver	Agilent	N9038A	MY56400087	2021/5/27	2022/5/26
7	Signal Analyzer	Agilent	N9010A	MY56480554	2021/8/25	2022/8/24
8	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2021/6/2	2022/6/1
9	Horn Ant	Schwarzbeck	BBHA 9170	340	2021/7/9	2022/7/8
10	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-352	2021/8/11	2022/8/10
11	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2021/8/11	2022/8/10
12	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A
13	8960 Series 10 Wireless Com Test Set	Agilent	E5515C	GB47390193	2021/7/23	2022/7/22
14	Radio Communication Analyzer (LTE)	Anritsu	MT8821C	6262044728	2021/11/28	2022/11/27

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

7 EUT TEST PHOTO

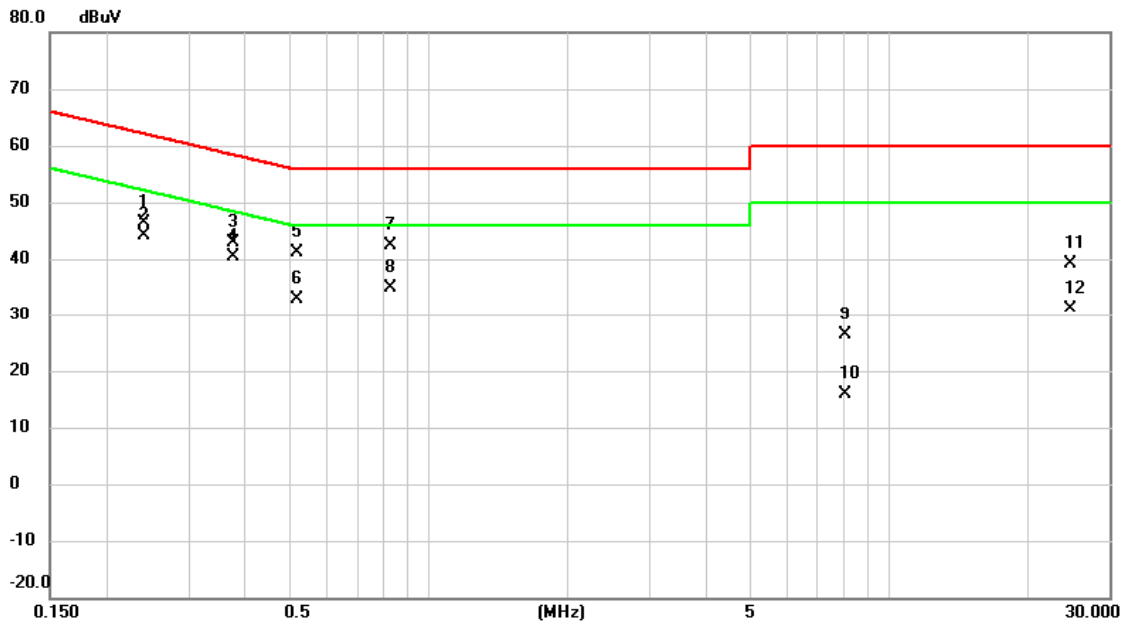
Please refer to document Appendix No.: TP-2112T127-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2112T127-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2022/2/16
Test Frequency	-	Phase	Line

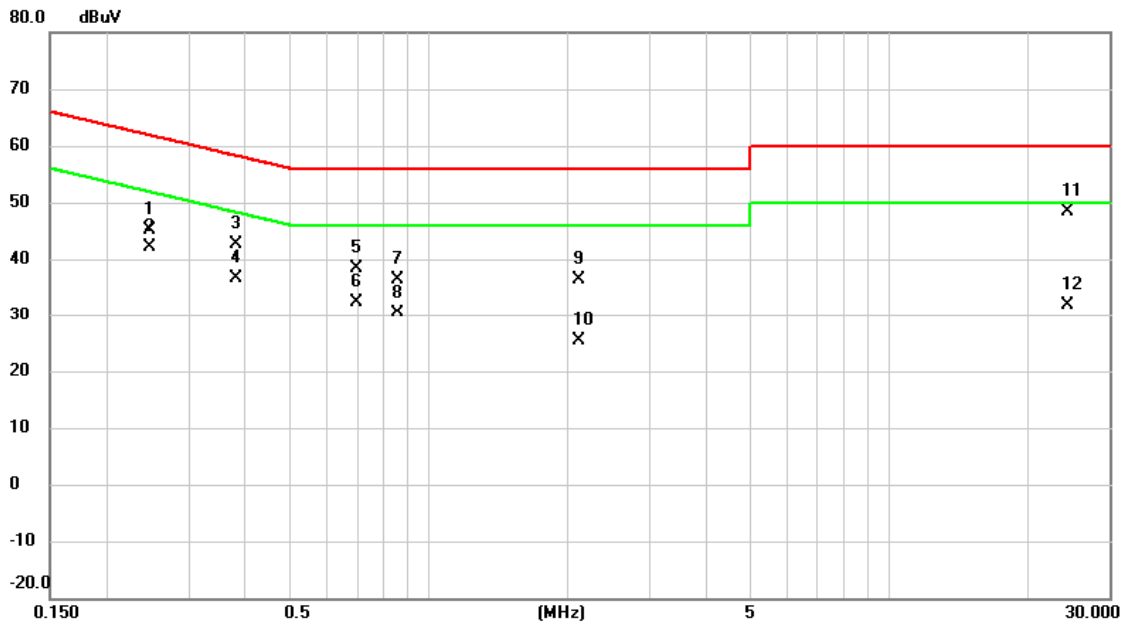


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2400	36.70	9.72	46.42	62.10	-15.68	QP	
2		0.2400	34.34	9.72	44.06	52.10	-8.04	AVG	
3		0.3772	33.21	9.72	42.93	58.34	-15.41	QP	
4	*	0.3772	30.69	9.72	40.41	48.34	-7.93	AVG	
5		0.5190	31.49	9.73	41.22	56.00	-14.78	QP	
6		0.5190	23.23	9.73	32.96	46.00	-13.04	AVG	
7		0.8272	32.56	9.74	42.30	56.00	-13.70	QP	
8		0.8272	25.06	9.74	34.80	46.00	-11.20	AVG	
9		8.0520	16.43	10.06	26.49	60.00	-33.51	QP	
10		8.0520	5.78	10.06	15.84	50.00	-34.16	AVG	
11		24.6525	28.97	10.24	39.21	60.00	-20.79	QP	
12		24.6525	20.84	10.24	31.08	50.00	-18.92	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2022/2/16
Test Frequency	-	Phase	Neutral

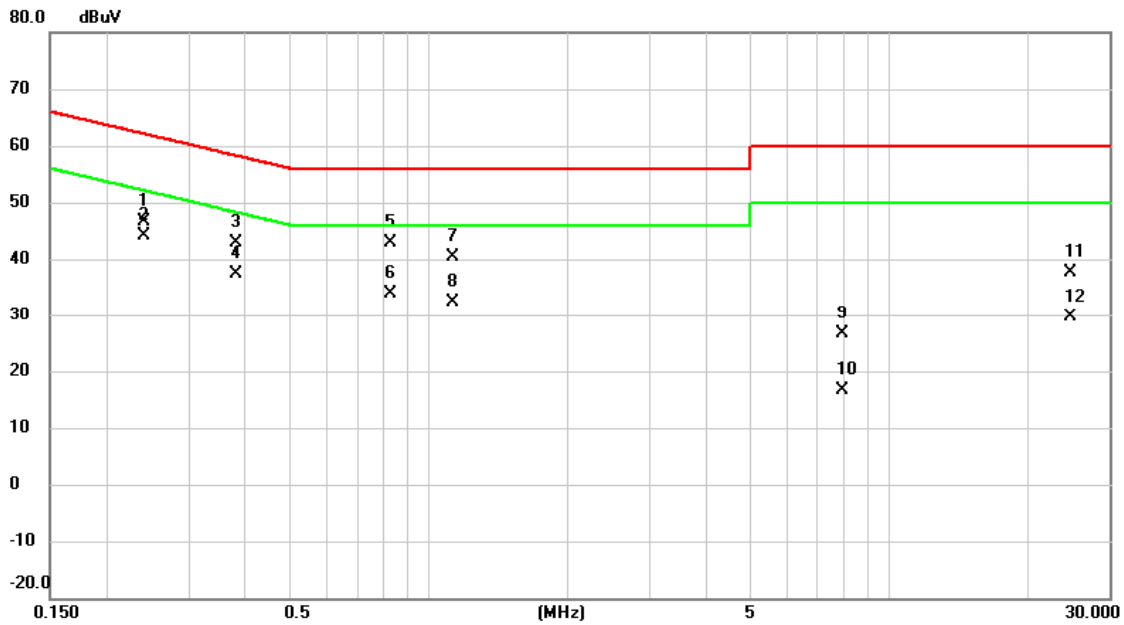


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2468	35.34	9.72	45.06	61.86	-16.80	QP	
2	*	0.2468	32.44	9.72	42.16	51.86	-9.70	AVG	
3		0.3817	32.96	9.73	42.69	58.24	-15.55	QP	
4		0.3817	26.99	9.73	36.72	48.24	-11.52	AVG	
5		0.6990	28.70	9.74	38.44	56.00	-17.56	QP	
6		0.6990	22.76	9.74	32.50	46.00	-13.50	AVG	
7		0.8587	26.55	9.75	36.30	56.00	-19.70	QP	
8		0.8587	20.65	9.75	30.40	46.00	-15.60	AVG	
9		2.1188	26.67	9.78	36.45	56.00	-19.55	QP	
10		2.1188	15.59	9.78	25.37	46.00	-20.63	AVG	
11		24.4298	38.03	10.41	48.44	60.00	-11.56	QP	
12		24.4298	21.56	10.41	31.97	50.00	-18.03	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2022/2/16
Test Frequency	-	Phase	Line

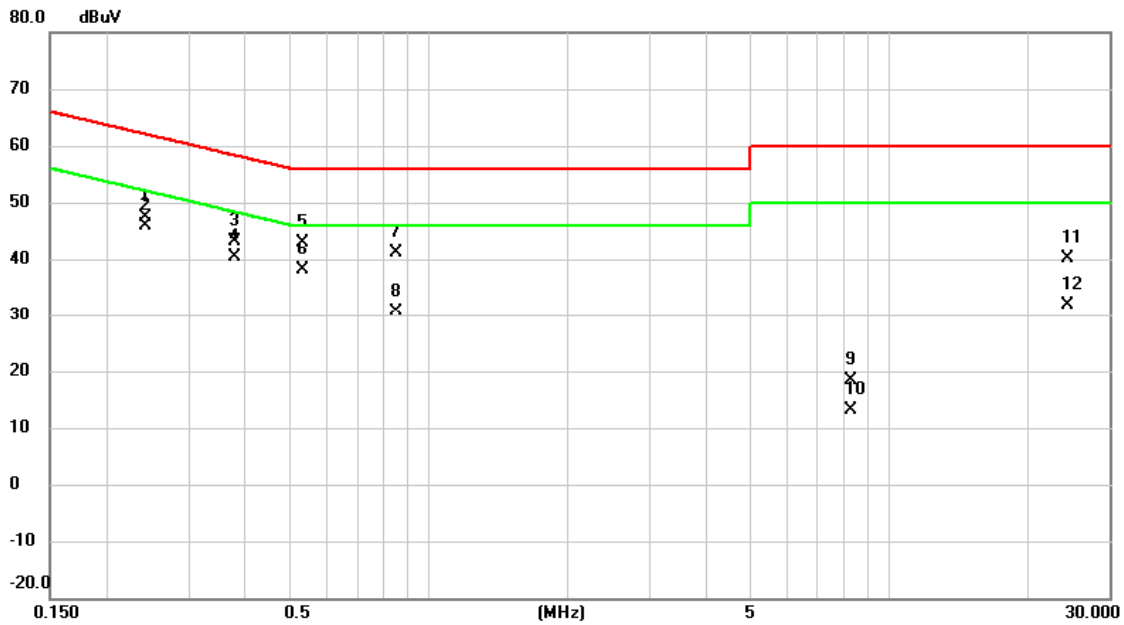


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2400	36.86	9.72	46.58	62.10	-15.52	QP	
2	*	0.2400	34.53	9.72	44.25	52.10	-7.85	AVG	
3		0.3817	33.21	9.72	42.93	58.24	-15.31	QP	
4		0.3817	27.63	9.72	37.35	48.24	-10.89	AVG	
5		0.8250	33.19	9.74	42.93	56.00	-13.07	QP	
6		0.8250	24.12	9.74	33.86	46.00	-12.14	AVG	
7		1.1242	30.66	9.74	40.40	56.00	-15.60	QP	
8		1.1242	22.63	9.74	32.37	46.00	-13.63	AVG	
9		7.9148	16.47	10.05	26.52	60.00	-33.48	QP	
10		7.9148	6.52	10.05	16.57	50.00	-33.43	AVG	
11		24.6480	27.37	10.24	37.61	60.00	-22.39	QP	
12		24.6480	19.51	10.24	29.75	50.00	-20.25	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2022/2/16
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.2423	37.60	9.72	47.32	62.02	-14.70	QP	
2	*	0.2423	36.16	9.72	45.88	52.02	-6.14	AVG	
3		0.3795	33.46	9.73	43.19	58.29	-15.10	QP	
4		0.3795	30.71	9.73	40.44	48.29	-7.85	AVG	
5		0.5347	33.14	9.74	42.88	56.00	-13.12	QP	
6		0.5347	28.43	9.74	38.17	46.00	-7.83	AVG	
7		0.8475	31.31	9.75	41.06	56.00	-14.94	QP	
8		0.8475	20.86	9.75	30.61	46.00	-15.39	AVG	
9		8.2703	8.38	10.10	18.48	60.00	-41.52	QP	
10		8.2703	2.96	10.10	13.06	50.00	-36.94	AVG	
11		24.4410	29.74	10.41	40.15	60.00	-19.85	QP	
12		24.4410	21.53	10.41	31.94	50.00	-18.06	AVG	

REMARKS:

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

**APPENDIX B EFFECTIVE RADIATED POWER & EQUIVALENT
ISOTROPIC RADIATED POWER**

Conducted Output Power and calculated ERP/EIRP:
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	24.36	26.04	0.402
		1413/1638	1732.6	24.42	26.10	0.407
		1513/1738	1752.6	24.37	26.05	0.403

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSDPA Band IV	1	1312/1537	1712.4	24.25	25.93	0.392
		1413/1638	1732.6	24.33	26.01	0.399
		1513/1738	1752.6	24.30	25.98	0.396
	2	1312/1537	1712.4	23.75	25.43	0.349
		1413/1638	1732.6	23.85	25.53	0.357
		1513/1738	1752.6	23.80	25.48	0.353
	3	1312/1537	1712.4	23.26	24.94	0.312
		1413/1638	1732.6	23.36	25.04	0.319
		1513/1738	1752.6	23.35	25.03	0.318
	4	1312/1537	1712.4	23.30	24.98	0.315
		1413/1638	1732.6	23.40	25.08	0.322
		1513/1738	1752.6	23.32	25.00	0.316

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSUPA Band IV	1	1312/1537	1712.4	24.12	25.80	0.380
		1413/1638	1732.6	24.25	25.93	0.392
		1513/1738	1752.6	24.21	25.89	0.388
	2	1312/1537	1712.4	22.14	23.82	0.241
		1413/1638	1732.6	22.30	23.98	0.250
		1513/1738	1752.6	22.22	23.90	0.245
	3	1312/1537	1712.4	23.17	24.85	0.305
		1413/1638	1732.6	23.29	24.97	0.314
		1513/1738	1752.6	23.22	24.90	0.309
	4	1312/1537	1712.4	22.17	23.85	0.243
		1413/1638	1732.6	22.26	23.94	0.248
		1513/1738	1752.6	22.24	23.92	0.247
	5	1312/1537	1712.4	24.07	25.75	0.376
		1413/1638	1732.6	24.18	25.86	0.385
		1513/1738	1752.6	24.12	25.80	0.380

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 4 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
4	1.4	19957	1710.7	QPSK	1	0	0	23.4	25.1	0.324	
					1	2	0	23.3	25.0	0.315	
					1	5	0	23.2	24.9	0.310	
					3	0	0	22.5	24.2	0.263	
					3	1	0	22.4	24.0	0.253	
					3	2	0	22.3	24.0	0.250	
				16QAM	6	0	1	22.5	24.2	0.260	
					1	0	1	22.5	24.2	0.262	
					1	2	1	22.4	24.1	0.255	
					1	5	1	22.3	24.0	0.252	
					3	0	1	21.4	23.1	0.203	
					3	1	1	21.2	22.9	0.196	
				16QAM	3	2	1	21.2	22.8	0.192	
					6	0	2	21.3	23.0	0.200	
					QPSK	1	0	0	23.5	25.1	0.327
						1	2	0	23.4	25.0	0.318
						1	5	0	23.3	25.0	0.314
						3	0	0	22.5	24.2	0.262
		3	1	0		22.4	24.1	0.257			
		3	2	0		22.4	24.0	0.254			
		16QAM	6	0	1	22.5	24.2	0.262			
			1	0	1	22.5	24.2	0.264			
			1	2	1	22.4	24.1	0.258			
			1	5	1	22.4	24.1	0.255			
			3	0	1	21.5	23.1	0.206			
			3	1	1	21.3	23.0	0.200			
		16QAM	3	2	1	21.3	22.9	0.196			
			6	0	2	21.4	23.1	0.203			
			QPSK	1	0	0	23.4	25.1	0.325		
				1	2	0	23.3	25.0	0.316		
				1	5	0	23.3	24.9	0.312		
				3	0	0	22.5	24.2	0.264		
		3		1	0	22.4	24.1	0.254			
		3		2	0	22.3	24.0	0.252			
		16QAM	6	0	1	22.5	24.2	0.261			
			1	0	1	22.5	24.2	0.262			
			1	2	1	22.4	24.1	0.256			
			1	5	1	22.4	24.0	0.254			
			3	0	1	21.6	23.3	0.211			
			3	1	1	21.4	23.1	0.203			
		16QAM	3	2	1	21.4	23.0	0.201			
			6	0	2	21.5	23.2	0.208			

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
4	3	19965	1711.5	QPSK	1	0	0	23.5	25.2	0.330	
					1	7	0	23.4	25.1	0.321	
					1	14	0	23.3	25.0	0.316	
					8	0	1	22.6	24.3	0.268	
					8	4	1	22.4	24.1	0.258	
					8	7	1	22.4	24.1	0.255	
				15	0	1	22.6	24.2	0.265		
				16QAM	1	0	1	22.6	24.3	0.267	
					1	7	1	22.5	24.1	0.259	
					1	14	1	22.4	24.1	0.256	
					8	0	2	21.5	23.2	0.207	
					8	4	2	21.3	23.0	0.200	
		8	7		2	21.2	22.9	0.195			
		20175	1732.5	QPSK	1732.5	15	0	2	21.4	23.1	0.204
						1	0	0	23.5	25.2	0.333
						1	7	0	23.4	25.1	0.324
						1	14	0	23.4	25.1	0.320
						8	0	1	22.6	24.3	0.267
						8	4	1	22.5	24.2	0.262
				16QAM	8	7	1	22.4	24.1	0.258	
					15	0	1	22.6	24.3	0.267	
					1	0	1	22.6	24.3	0.269	
					1	7	1	22.5	24.2	0.262	
					1	14	1	22.5	24.2	0.260	
					8	0	2	21.5	23.2	0.210	
		20384	1753.4	QPSK	1753.4	8	4	2	21.4	23.1	0.204
						8	7	2	21.3	23.0	0.200
						15	0	2	21.5	23.2	0.207
						1	0	0	23.5	25.2	0.331
						1	7	0	23.4	25.1	0.322
						1	14	0	23.3	25.0	0.318
				16QAM	8	0	1	22.6	24.3	0.269	
					8	4	1	22.5	24.1	0.259	
					8	7	1	22.4	24.1	0.256	
					15	0	1	22.6	24.2	0.265	
					1	0	1	22.6	24.3	0.267	
1	7				1	22.5	24.2	0.261			
16QAM	1	14	1	22.4	24.1	0.258					
	8	0	2	21.7	23.3	0.215					
	8	4	2	21.5	23.2	0.207					
	8	7	2	21.4	23.1	0.205					
	15	0	2	21.6	23.3	0.212					

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	5	19975	1712.5	QPSK	1	0	0	23.6	25.2	0.334
					1	12	0	23.4	25.1	0.324
					1	24	0	23.4	25.0	0.319
					12	0	1	22.7	24.3	0.271
					12	6	1	22.5	24.2	0.261
					12	11	1	22.4	24.1	0.258
				25	0	1	22.6	24.3	0.268	
				16QAM	1	0	1	22.6	24.3	0.270
					1	12	1	22.5	24.2	0.262
					1	24	1	22.5	24.1	0.259
					12	0	2	21.5	23.2	0.209
					12	6	2	21.4	23.1	0.202
		12	11		2	21.3	23.0	0.198		
		25	0	2	21.5	23.1	0.206			
		20175	1732.5	QPSK	1	0	0	23.6	25.3	0.337
					1	12	0	23.5	25.2	0.328
					1	24	0	23.4	25.1	0.324
					12	0	1	22.6	24.3	0.270
					12	6	1	22.6	24.2	0.265
					12	11	1	22.5	24.2	0.261
				25	0	1	22.6	24.3	0.270	
				16QAM	1	0	1	22.7	24.3	0.272
					1	12	1	22.6	24.2	0.265
					1	24	1	22.5	24.2	0.263
					12	0	2	21.6	23.3	0.212
					12	6	2	21.5	23.1	0.206
		12	11		2	21.4	23.1	0.202		
		25	0	2	21.5	23.2	0.209			
		20375	1752.5	QPSK	1	0	0	23.6	25.3	0.335
					1	12	0	23.5	25.1	0.326
					1	24	0	23.4	25.1	0.321
					12	0	1	22.7	24.3	0.272
					12	6	1	22.5	24.2	0.262
					12	11	1	22.5	24.1	0.259
				25	0	1	22.6	24.3	0.269	
				16QAM	1	0	1	22.6	24.3	0.270
1	12				1	22.5	24.2	0.264		
1	24				1	22.5	24.2	0.261		
12	0				2	21.7	23.4	0.218		
12	6				2	21.5	23.2	0.209		
12	11	2	21.5		23.2	0.207				
25	0	2	21.6	23.3	0.215					

NOTE:

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
4	10	20000	1715.0	QPSK	1	0	0	23.6	25.3	0.337	
					1	24	0	23.5	25.2	0.327	
					1	49	0	23.4	25.1	0.322	
					25	0	1	22.7	24.4	0.274	
					25	12	1	22.5	24.2	0.263	
					25	24	1	22.5	24.2	0.260	
				50	0	1	22.6	24.3	0.270		
				16QAM	1	0	1	22.7	24.4	0.272	
					1	24	1	22.6	24.2	0.265	
					1	49	1	22.5	24.2	0.262	
					25	0	2	21.6	23.3	0.211	
					25	12	2	21.4	23.1	0.204	
		25	24		2	21.3	23.0	0.200			
		20175	1732.5	QPSK	1732.5	1	0	0	23.6	25.3	0.340
						1	24	0	23.5	25.2	0.331
						1	49	0	23.5	25.1	0.327
						25	0	1	22.7	24.4	0.272
						25	12	1	22.6	24.3	0.267
						25	24	1	22.5	24.2	0.264
				50	0	1	22.7	24.4	0.272		
				16QAM	1	0	1	22.7	24.4	0.274	
					1	24	1	22.6	24.3	0.268	
					1	49	1	22.6	24.2	0.265	
					25	0	2	21.6	23.3	0.214	
					25	12	2	21.5	23.2	0.208	
		25	24		2	21.4	23.1	0.204			
		20350	1750.0	QPSK	1750.0	1	0	0	23.6	25.3	0.338
						1	24	0	23.5	25.2	0.329
						1	49	0	23.4	25.1	0.324
						25	0	1	22.7	24.4	0.274
25	12					1	22.5	24.2	0.264		
25	24					1	22.5	24.2	0.262		
50	0			1	22.7	24.3	0.271				
16QAM	1			0	1	22.7	24.4	0.273			
	1			24	1	22.6	24.3	0.266			
	1			49	1	22.5	24.2	0.264			
	25			0	2	21.7	23.4	0.220			
	25			12	2	21.6	23.3	0.211			
	25	24	2	21.5	23.2	0.209					
50	0	2	21.7	23.4	0.217						

NOTE:

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
4	15	20025	1717.5	QPSK	1	0	0	23.7	25.4	0.344
					1	37	0	23.6	25.2	0.334
					1	74	0	23.5	25.2	0.329
					36	0	1	22.8	24.5	0.279
					36	18	1	22.6	24.3	0.269
					36	35	1	22.6	24.2	0.265
				75	0	1	22.7	24.4	0.276	
				1	0	1	22.8	24.4	0.278	
				1	37	1	22.6	24.3	0.270	
				1	74	1	22.6	24.3	0.267	
				36	0	2	21.7	23.3	0.216	
				36	18	2	21.5	23.2	0.208	
		36	35	2	21.4	23.1	0.204			
		75	0	2	21.6	23.3	0.212			
		1	0	0	23.7	25.4	0.347			
		1	37	0	23.6	25.3	0.338			
		1	74	0	23.6	25.2	0.333			
		36	0	1	22.8	24.4	0.278			
		36	18	1	22.7	24.4	0.273			
		36	35	1	22.6	24.3	0.269			
		75	0	1	22.8	24.4	0.278			
		1	0	1	22.8	24.5	0.280			
		1	37	1	22.7	24.4	0.274			
		1	74	1	22.7	24.3	0.271			
		36	0	2	21.7	23.4	0.219			
		36	18	2	21.6	23.3	0.212			
		36	35	2	21.5	23.2	0.208			
		75	0	2	21.7	23.3	0.215			
		1	0	0	23.7	25.4	0.345			
		1	37	0	23.6	25.3	0.336			
		1	74	0	23.5	25.2	0.331			
		36	0	1	22.8	24.5	0.280			
		36	18	1	22.6	24.3	0.270			
		36	35	1	22.6	24.3	0.267			
		75	0	1	22.7	24.4	0.277			
		1	0	1	22.8	24.5	0.279			
1	37	1	22.7	24.3	0.272					
1	74	1	22.6	24.3	0.269					
36	0	2	21.8	23.5	0.224					
36	18	2	21.7	23.3	0.216					
36	35	2	21.6	23.3	0.214					
75	0	2	21.8	23.5	0.221					

NOTE:

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)		
4	20	20050	1720.0	QPSK	1	0	0	23.8	25.5	0.355		
					1	49	0	23.7	25.4	0.344		
					1	99	0	23.6	25.3	0.339		
					50	0	1	22.9	24.6	0.288		
					50	24	1	22.7	24.4	0.277		
					50	49	1	22.7	24.4	0.274		
				100	0	1	22.9	24.5	0.284			
				16QAM	1	0	1	22.9	24.6	0.286		
					1	49	1	22.8	24.5	0.279		
					1	99	1	22.7	24.4	0.275		
					50	0	2	21.8	23.5	0.222		
					50	24	2	21.6	23.3	0.214		
		50	49		2	21.5	23.2	0.210				
		20175	1732.5	QPSK	1732.5	QPSK	100	0	2	21.7	23.4	0.219
							1	0	0	23.9	25.5	0.357
							1	49	0	23.7	25.4	0.348
							1	99	0	23.7	25.4	0.344
							50	0	1	22.9	24.6	0.286
							50	24	1	22.8	24.5	0.281
				16QAM	50	49	1	22.8	24.4	0.277		
					50	0	1	22.9	24.6	0.286		
					1	0	1	22.9	24.6	0.288		
					1	49	1	22.8	24.5	0.282		
					1	99	1	22.8	24.5	0.279		
					50	0	2	21.9	23.5	0.225		
		20300	1745.0	QPSK	1745.0	QPSK	50	24	2	21.7	23.4	0.219
							50	49	2	21.6	23.3	0.215
							100	0	2	21.8	23.5	0.222
							1	0	0	23.8	25.5	0.356
							1	49	0	23.7	25.4	0.346
1	99						0	23.7	25.3	0.341		
16QAM	50			0	1	22.9	24.6	0.288				
	50			24	1	22.8	24.4	0.278				
	50			49	1	22.7	24.4	0.275				
	100			0	1	22.9	24.6	0.285				
	1			0	1	22.9	24.6	0.287				
	1			49	1	22.8	24.5	0.280				
16QAM	1	99	1	22.8	24.4	0.277						
	50	0	2	22.0	23.6	0.231						
	50	24	2	21.8	23.5	0.222						
	50	49	2	21.8	23.4	0.220						
	100	0	2	21.9	23.6	0.228						

NOTE:

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

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)	
Band 7	5M	20775	2502.5	QPSK	1	0	0	23.6	25.1	0.326	
					1	12	0	23.5	25.0	0.318	
					1	24	0	23.5	25.0	0.314	
					12	0	1	22.7	24.2	0.264	
					12	6	1	22.6	24.1	0.255	
					12	11	1	22.5	24.0	0.254	
				25	0	1	22.7	24.2	0.261		
				16QAM	1	0	1	22.7	24.2	0.263	
					1	12	1	22.6	24.1	0.257	
					1	24	1	22.6	24.1	0.255	
					12	0	2	21.6	23.1	0.205	
					12	6	2	21.5	23.0	0.199	
					12	11	2	21.4	22.9	0.196	
					25	0	2	21.6	23.1	0.204	
					21100	2535.0	QPSK	1	0	0	23.7
		1	12					0	23.6	25.1	0.322
		1	24	0				23.5	25.0	0.315	
		12	0	1				22.8	24.3	0.267	
		12	6	1				22.6	24.1	0.259	
		12	11	1				22.5	24.1	0.254	
		25	0	1			22.7	24.2	0.264		
		16QAM	1	0			1	22.7	24.2	0.265	
			1	12			1	22.7	24.2	0.261	
			1	24			1	22.6	24.1	0.256	
			12	0			2	21.6	23.1	0.206	
			12	6			2	21.5	23.0	0.200	
			12	11			2	21.4	22.9	0.194	
			25	0			2	21.5	23.0	0.201	
			21425	2567.5			QPSK	1	0	0	23.6
					1	12		0	23.5	25.0	0.317
		1			24	0		23.4	25.0	0.313	
		12			0	1		22.7	24.2	0.265	
		12			6	1		22.6	24.1	0.255	
		12			11	1		22.5	24.0	0.252	
		25			0	1	22.7	24.2	0.262		
		16QAM			1	0	1	22.7	24.2	0.264	
					1	12	1	22.6	24.1	0.256	
					1	24	1	22.5	24.1	0.254	
					12	0	2	21.6	23.1	0.203	
					12	6	2	21.4	22.9	0.195	
					12	11	2	21.5	23.1	0.202	
					25	0	2	21.5	23.0	0.200	

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)
Band 7	10M	20800	2505.0	QPSK	1	0	0	23.7	25.2	0.331
					1	24	0	23.6	25.1	0.323
					1	49	0	23.5	25.0	0.319
					25	0	1	22.8	24.3	0.269
					25	12	1	22.6	24.1	0.259
					25	24	1	22.6	24.1	0.258
				50	0	1	22.7	24.2	0.265	
				16QAM	1	0	1	22.8	24.3	0.267
					1	24	1	22.7	24.2	0.261
					1	49	1	22.6	24.1	0.259
					25	0	2	21.7	23.2	0.208
					25	12	2	21.6	23.1	0.202
					25	24	2	21.5	23.0	0.199
					50	0	2	21.7	23.2	0.207
					21100	QPSK	1	0	0	23.7
		1	24				0	23.6	25.2	0.327
		1	49	0			23.5	25.1	0.320	
		25	0	1			22.8	24.3	0.271	
		25	12	1			22.7	24.2	0.263	
		25	24	1			22.6	24.1	0.258	
		50	0	1		22.8	24.3	0.268		
		16QAM	1	0		1	22.8	24.3	0.270	
			1	24		1	22.7	24.2	0.265	
			1	49		1	22.6	24.2	0.260	
			25	0		2	21.7	23.2	0.209	
			25	12		2	21.6	23.1	0.203	
			25	24		2	21.4	23.0	0.197	
			50	0		2	21.6	23.1	0.204	
			21400	QPSK		1	0	0	23.7	25.2
					1	24	0	23.6	25.1	0.322
		1			49	0	23.5	25.0	0.318	
		25			0	1	22.8	24.3	0.269	
		25			12	1	22.6	24.1	0.259	
		25			24	1	22.6	24.1	0.256	
		50		0	1	22.7	24.3	0.266		
		16QAM		1	0	1	22.8	24.3	0.268	
				1	24	1	22.7	24.2	0.261	
				1	49	1	22.6	24.1	0.258	
				25	0	2	21.6	23.1	0.206	
				25	12	2	21.5	23.0	0.199	
				25	24	2	21.6	23.1	0.205	
				50	0	2	21.6	23.1	0.204	

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
Band 7	15M	20825	2507.5	QPSK	1	0	0	23.7	25.3	0.335	
					1	37	0	23.6	25.1	0.327	
					1	74	0	23.6	25.1	0.323	
					36	0	1	22.8	24.3	0.272	
					36	18	1	22.7	24.2	0.262	
					36	35	1	22.7	24.2	0.261	
				75	0	1	22.8	24.3	0.269		
				16QAM	1	0	1	22.8	24.3	0.270	
					1	37	1	22.7	24.2	0.264	
					1	74	1	22.7	24.2	0.262	
					36	0	2	21.7	23.2	0.211	
					36	18	2	21.6	23.1	0.205	
					36	35	2	21.5	23.0	0.201	
					75	0	2	21.7	23.2	0.209	
					21100	2535.0	QPSK	1	0	0	23.8
		1	37					0	23.7	25.2	0.331
		1	74	0				23.6	25.1	0.324	
		36	0	1				22.9	24.4	0.274	
		36	18	1				22.7	24.3	0.266	
		36	35	1				22.7	24.2	0.261	
		75	0	1			22.8	24.3	0.271		
		16QAM	1	0			1	22.9	24.4	0.273	
			1	37			1	22.8	24.3	0.268	
			1	74			1	22.7	24.2	0.263	
			36	0			2	21.7	23.3	0.211	
			36	18			2	21.6	23.1	0.205	
			36	35			2	21.5	23.0	0.200	
			75	0			2	21.6	23.2	0.207	
			21375	2562.5			QPSK	1	0	0	23.8
					1	37		0	23.6	25.1	0.326
		1			74	0		23.6	25.1	0.321	
		36			0	1		22.8	24.4	0.272	
		36			18	1		22.7	24.2	0.262	
		36			35	1		22.6	24.1	0.259	
		75			0	1	22.8	24.3	0.269		
		16QAM			1	0	1	22.8	24.3	0.271	
					1	37	1	22.7	24.2	0.264	
					1	74	1	22.7	24.2	0.261	
					36	0	2	21.7	23.2	0.208	
					36	18	2	21.5	23.0	0.201	
					36	35	2	21.7	23.2	0.207	
					75	0	2	21.6	23.1	0.206	

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 Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)	
Band 7	20M	20850	2510.0	QPSK	1	0	0	23.9	25.4	0.345	
					1	49	0	23.8	25.3	0.337	
					1	99	0	23.7	25.2	0.333	
					50	0	1	23.0	24.5	0.280	
					50	24	1	22.8	24.3	0.270	
					50	49	1	22.8	24.3	0.269	
				100	0	1	22.9	24.4	0.277		
				16QAM	1	0	1	22.9	24.5	0.279	
					1	49	1	22.8	24.4	0.272	
					1	99	1	22.8	24.3	0.270	
					50	0	2	21.9	23.4	0.217	
					50	24	2	21.7	23.2	0.211	
		50	49		2	21.7	23.2	0.207			
		100	0	2	21.8	23.3	0.216				
		21100	2535.0	QPSK	2535.0	1	0	0	23.9	25.4	0.348
						1	49	0	23.8	25.3	0.341
						1	99	0	23.7	25.2	0.333
						50	0	1	22.9	24.5	0.279
						50	24	1	22.9	24.4	0.274
						50	49	1	22.8	24.3	0.269
				100	0	1	23.0	24.5	0.279		
				16QAM	1	0	1	23.0	24.5	0.281	
					1	49	1	22.9	24.4	0.276	
					1	99	1	22.8	24.3	0.271	
					50	0	2	21.9	23.4	0.218	
					50	24	2	21.7	23.3	0.211	
		50	49		2	21.6	23.1	0.206			
		100	0	2	21.8	23.3	0.213				
		21350	2560.0	QPSK	2560.0	1	0	0	23.9	25.4	0.346
						1	49	0	23.8	25.3	0.336
						1	99	0	23.7	25.2	0.331
						50	0	1	23.0	24.5	0.281
						50	24	1	22.8	24.3	0.270
						50	49	1	22.8	24.3	0.267
				100	0	1	22.9	24.4	0.277		
				16QAM	1	0	1	23.0	24.5	0.279	
1	49				1	22.8	24.3	0.272			
1	99				1	22.8	24.3	0.269			
50	0				2	21.8	23.3	0.215			
50	24				2	21.7	23.2	0.207			
50	49	2	21.8		23.3	0.214					
100	0	2	21.8	23.3	0.212						

NOTE:

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

LTE Band 12 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	ERP power (dBm)	ERP power (W)				
12	1.4	23017	699.7	QPSK	1	0	0	24.6	21.5	0.141				
					1	2	0	24.5	21.4	0.138				
					1	5	0	24.4	21.3	0.135				
					3	0	0	23.7	20.6	0.115				
					3	1	0	23.5	20.5	0.111				
					3	2	0	23.4	20.4	0.109				
				16QAM	6	0	1	23.6	20.5	0.113				
					1	0	1	23.6	20.6	0.114				
					1	2	1	23.5	20.5	0.112				
					1	5	1	23.5	20.4	0.110				
					3	0	1	22.7	19.7	0.092				
					3	1	1	22.5	19.5	0.089				
		23095	707.5	QPSK	707.5	QPSK	3	2	1	22.5	19.4	0.087		
							6	0	2	22.6	19.6	0.091		
							1	0	0	24.6	21.5	0.143		
							1	2	0	24.5	21.4	0.139		
							1	5	0	24.4	21.4	0.136		
							3	0	0	23.7	20.6	0.116		
				16QAM	16QAM	16QAM	16QAM	16QAM	3	1	0	23.5	20.5	0.112
									3	2	0	23.5	20.4	0.110
									6	0	1	23.6	20.6	0.114
									1	0	1	23.7	20.6	0.115
									1	2	1	23.6	20.5	0.112
									1	5	1	23.5	20.5	0.111
				23173	715.3	QPSK	715.3	QPSK	3	0	1	22.8	19.7	0.093
									3	1	1	22.6	19.5	0.089
									3	2	1	22.5	19.5	0.088
									6	0	2	22.7	19.6	0.091
									1	0	0	24.6	21.5	0.142
									1	2	0	24.4	21.4	0.137
		16QAM	16QAM			16QAM	16QAM	16QAM	1	5	0	24.4	21.3	0.135
									3	0	0	23.7	20.6	0.115
									3	1	0	23.5	20.4	0.110
									3	2	0	23.4	20.4	0.109
									6	0	1	23.6	20.6	0.114
									1	0	1	23.6	20.6	0.114
		16QAM	16QAM	16QAM	16QAM	16QAM	1	2	1	23.5	20.4	0.111		
							1	5	1	23.5	20.4	0.110		
							3	0	1	22.7	19.7	0.092		
							3	1	1	22.5	19.4	0.088		
							3	2	1	22.5	19.4	0.087		
							6	0	2	22.6	19.6	0.091		

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	ERP power (dBm)	ERP power (W)
12	3	23025	700.5	QPSK	1	0	0	24.7	21.6	0.145
					1	7	0	24.6	21.5	0.142
					1	14	0	24.5	21.4	0.139
					8	0	1	23.8	20.7	0.117
					8	4	1	23.6	20.6	0.114
					8	7	1	23.6	20.5	0.112
				15	0	1	23.7	20.7	0.116	
				16QAM	1	0	1	23.7	20.7	0.117
					1	7	1	23.7	20.6	0.115
					1	14	1	23.6	20.5	0.113
					8	0	2	22.8	19.8	0.095
					8	4	2	22.7	19.6	0.091
					8	7	2	22.6	19.5	0.090
				15	0	2	22.6	19.7	0.093	
				23095	707.5	QPSK	1	0	0	24.7
		1	7				0	24.6	21.5	0.143
		1	14				0	24.5	21.5	0.140
		8	0				1	23.8	20.7	0.119
		8	4				1	23.7	20.6	0.115
		8	7				1	23.6	20.5	0.113
		15	0			1	23.8	20.7	0.117	
		16QAM	1			0	1	23.8	20.7	0.118
			1			7	1	23.7	20.6	0.115
			1			14	1	23.6	20.6	0.114
			8			0	2	22.9	19.8	0.095
			8			4	2	22.7	19.6	0.092
			8			7	2	22.6	19.6	0.090
		15	0			2	22.8	19.7	0.094	
		23165	714.5			QPSK	1	0	0	24.7
				1	7		0	24.5	21.5	0.140
				1	14		0	24.5	21.4	0.138
				8	0		1	23.8	20.7	0.118
				8	4		1	23.6	20.5	0.113
				8	7		1	23.5	20.5	0.112
				15	0	1	23.7	20.7	0.116	
				16QAM	1	0	1	23.8	20.7	0.117
					1	7	1	23.6	20.6	0.114
					1	14	1	23.6	20.5	0.112
					8	0	2	22.8	19.8	0.095
					8	4	2	22.6	19.6	0.090
					8	7	2	22.6	19.5	0.089
				15	0	2	22.8	19.7	0.093	

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	ERP power (dBm)	ERP power (W)	
12	5	23035	701.5	QPSK	1	0	0	24.7	21.7	0.147	
					1	12	0	24.6	21.6	0.144	
					1	24	0	24.6	21.5	0.141	
					12	0	1	23.8	20.8	0.119	
					12	6	1	23.7	20.6	0.116	
					12	11	1	23.6	20.6	0.114	
				25	0	1	23.8	20.7	0.118		
				16QAM	1	0	1	23.8	20.8	0.119	
					1	12	1	23.7	20.7	0.116	
					1	24	1	23.7	20.6	0.115	
					12	0	2	22.9	19.8	0.096	
					12	6	2	22.7	19.7	0.092	
		12	11		2	22.7	19.6	0.091			
		23095	707.5	QPSK	707.5	1	0	0	24.8	21.7	0.149
						1	12	0	24.7	21.6	0.145
						1	24	0	24.6	21.5	0.142
						12	0	1	23.9	20.8	0.121
						12	6	1	23.7	20.7	0.116
						12	11	1	23.7	20.6	0.115
				25	0	1	23.8	20.8	0.119		
				16QAM	1	0	1	23.9	20.8	0.120	
					1	12	1	23.8	20.7	0.117	
					1	24	1	23.7	20.6	0.116	
					12	0	2	22.9	19.9	0.097	
					12	6	2	22.8	19.7	0.093	
		12	11		2	22.7	19.6	0.092			
		23155	713.5	QPSK	713.5	25	0	2	22.9	19.8	0.095
						1	0	0	24.8	21.7	0.148
						1	12	0	24.6	21.5	0.143
						1	24	0	24.5	21.5	0.141
						12	0	1	23.8	20.8	0.120
						12	6	1	23.7	20.6	0.115
				12	11	1	23.6	20.6	0.114		
				25	0	1	23.8	20.7	0.118		
				16QAM	1	0	1	23.8	20.8	0.119	
					1	12	1	23.7	20.6	0.115	
1	24				1	23.6	20.6	0.114			
12	0				2	22.9	19.8	0.096			
12	6	2	22.7		19.6	0.092					
12	11	2	22.6		19.6	0.091					
25	0	2	22.8	19.8	0.095						

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	ERP power (dBm)	ERP power (W)
12	10	23060	704.0	QPSK	1	0	0	24.8	21.8	0.150
					1	24	0	24.7	21.7	0.147
					1	49	0	24.6	21.6	0.144
					25	0	1	23.9	20.9	0.122
					25	12	1	23.8	20.7	0.118
				25	24	1	23.7	20.6	0.116	
				50	0	1	23.9	20.8	0.120	
				16QAM	1	0	1	23.9	20.8	0.121
					1	24	1	23.8	20.7	0.119
					1	49	1	23.7	20.7	0.117
					25	0	2	23.0	19.9	0.098
					25	12	2	22.8	19.7	0.094
				25	24	2	22.7	19.7	0.093	
				50	0	2	22.9	19.8	0.096	
				23095	707.5	QPSK	1	0	0	24.9
		1	24				0	24.8	21.7	0.148
		1	49				0	24.7	21.6	0.145
		25	0				1	24.0	20.9	0.123
		25	12				1	23.8	20.7	0.119
		25	24			1	23.7	20.7	0.117	
		50	0			1	23.9	20.8	0.121	
		16QAM	1			0	1	23.9	20.9	0.122
			1			24	1	23.8	20.8	0.119
			1			49	1	23.8	20.7	0.118
			25			0	2	23.0	20.0	0.099
			25			12	2	22.8	19.8	0.095
		25	24			2	22.8	19.7	0.094	
		50	0			2	22.9	19.9	0.097	
		23130	711.0			QPSK	1	0	0	24.8
				1	24		0	24.7	21.6	0.145
				1	49		0	24.6	21.6	0.143
				25	0		1	23.9	20.9	0.122
				25	12		1	23.7	20.7	0.117
				25	24	1	23.7	20.6	0.116	
				50	0	1	23.9	20.8	0.121	
				16QAM	1	0	1	23.9	20.8	0.121
					1	24	1	23.8	20.7	0.117
					1	49	1	23.7	20.7	0.116
					25	0	2	23.0	19.9	0.098
					25	12	2	22.8	19.7	0.093
				25	24	2	22.7	19.7	0.092	
				50	0	2	22.9	19.8	0.096	

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 13 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	ERP power (dBm)	ERP power (W)
13	5	23205	779.5	QPSK	1	0	0	24.76	19.49	0.089
					1	12	0	24.60	19.33	0.086
					1	24	0	24.56	19.29	0.085
					12	0	1	23.77	18.50	0.071
					12	6	1	23.59	18.32	0.068
				12	11	1	23.52	18.25	0.067	
				25	0	1	23.71	18.44	0.070	
				16QAM	1	0	1	23.69	18.42	0.070
					1	12	1	23.50	18.23	0.067
					1	24	1	23.44	18.17	0.066
		12	0		2	22.76	17.49	0.056		
		12	6		2	22.60	17.33	0.054		
		12	11	2	22.56	17.29	0.054			
		25	0	2	21.77	16.50	0.045			
		23230	752.0	QPSK	1	0	0	24.84	19.57	0.091
					1	12	0	24.68	19.41	0.087
					1	24	0	24.64	19.37	0.086
					12	0	1	23.85	18.58	0.072
					12	6	1	23.67	18.40	0.069
				12	11	1	23.60	18.33	0.068	
				25	0	1	23.79	18.52	0.071	
				16QAM	1	0	1	23.77	18.50	0.071
					1	12	1	23.58	18.31	0.068
					1	24	1	23.52	18.25	0.067
		12	0		2	22.84	17.57	0.057		
		12	6		2	22.68	17.41	0.055		
		12	11	2	22.64	17.37	0.055			
		25	0	2	21.85	16.58	0.045			
		23255	784.5	QPSK	1	0	0	24.81	19.54	0.090
					1	12	0	24.65	19.38	0.087
1	24				0	24.61	19.34	0.086		
12	0				1	23.82	18.55	0.072		
12	6				1	23.64	18.37	0.069		
12	11			1	23.57	18.30	0.068			
25	0			1	23.76	18.49	0.071			
16QAM	1			0	1	23.74	18.47	0.070		
	1			12	1	23.55	18.28	0.067		
	1			24	1	23.49	18.22	0.066		
	12	0	2	22.81	17.54	0.057				
	12	6	2	22.65	17.38	0.055				
12	11	2	22.61	17.34	0.054					
25	0	2	21.82	16.55	0.045					

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	ERP power (dBm)	ERP power (W)
13	10	23230	782.0	QPSK	1	0	0	24.92	19.65	0.092
					1	24	0	24.76	19.49	0.089
					1	49	0	24.72	19.45	0.088
					25	0	1	23.93	18.66	0.073
					25	12	1	23.75	18.48	0.070
					25	24	1	23.68	18.41	0.069
				16QAM	50	0	1	23.87	18.60	0.072
					1	0	1	23.85	18.58	0.072
					1	24	1	23.66	18.39	0.069
					1	49	1	23.60	18.33	0.068
					25	0	2	22.92	17.65	0.058
					25	12	2	22.76	17.49	0.056
					25	24	2	22.72	17.45	0.056
					50	0	2	21.93	16.66	0.046

NOTE:

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

LTE Band 17 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	ERP power (dBm)	ERP power (W)
Band 17	5M	23780	706.5	QPSK	1	0	0	24.76	22.61	0.182
					1	12	0	24.66	22.51	0.178
					1	24	0	24.61	22.46	0.176
					12	0	1	23.85	21.70	0.148
					12	6	1	23.71	21.56	0.143
					12	11	1	23.68	21.53	0.142
				16QAM	25	0	1	23.80	21.65	0.146
					1	0	1	23.83	21.68	0.147
					1	12	1	23.74	21.59	0.144
					1	24	1	23.71	21.56	0.143
					12	0	2	22.91	20.76	0.119
					12	6	2	22.74	20.59	0.115
					12	11	2	22.71	20.56	0.114
					25	0	2	22.83	20.68	0.117
					23790	710.0	QPSK	1	0	0
		1	12	0				24.69	22.54	0.179
		1	24	0				22.61	20.46	0.111
		12	0	1				23.89	21.74	0.149
		12	6	1				23.74	21.59	0.144
		12	11	1				21.68	19.53	0.090
		16QAM	25	0			1	23.84	21.69	0.148
			1	0			1	23.87	21.72	0.149
			1	12			1	23.77	21.62	0.145
			1	24			1	21.71	19.56	0.090
			12	0			2	22.95	20.80	0.120
			12	6			2	22.77	20.62	0.115
			12	11			2	20.71	18.56	0.072
			25	0			2	22.87	20.72	0.118
			23800	713.5			QPSK	1	0	0
		1			12	0		22.62	20.47	0.111
		1			24	0		22.55	20.40	0.110
		12			0	1		21.82	19.67	0.093
		12			6	1		21.67	19.52	0.090
		12			11	1		21.62	19.47	0.089
		16QAM			25	0	1	21.77	19.62	0.092
					1	0	1	21.80	19.65	0.092
					1	12	1	21.70	19.55	0.090
					1	24	1	21.65	19.50	0.089
					12	0	2	20.88	18.73	0.075
					12	6	2	20.70	18.55	0.072
					12	11	2	20.65	18.50	0.071
					25	0	2	20.80	18.65	0.073

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	ERP power (dBm)	ERP power (W)
Band 17	10M	23780	709.0	QPSK	1	0	0	24.88	22.73	0.187
					1	24	0	24.78	22.63	0.183
					1	49	0	24.73	22.58	0.181
					25	0	1	23.97	21.82	0.152
					25	12	1	23.83	21.68	0.147
				25	24	1	23.80	21.65	0.146	
				50	0	1	23.92	21.77	0.150	
				16QAM	1	0	1	23.95	21.80	0.151
					1	24	1	23.86	21.71	0.148
					1	49	1	23.83	21.68	0.147
		25	0		2	23.03	20.88	0.122		
		25	12		2	22.86	20.71	0.118		
		23790	710.0	QPSK	25	24	2	22.83	20.68	0.117
					50	0	2	22.95	20.80	0.120
					1	0	0	24.92	22.77	0.189
					1	24	0	24.81	22.66	0.185
					1	49	0	22.73	20.58	0.114
				25	0	1	23.91	21.76	0.150	
				25	12	1	23.86	21.71	0.148	
				25	24	1	21.80	19.65	0.092	
				50	0	1	23.96	21.81	0.152	
				16QAM	1	0	1	23.99	21.84	0.153
		1	24		1	23.89	21.74	0.149		
		1	49		1	21.83	19.68	0.093		
		25	0		2	23.07	20.92	0.124		
		25	12		2	22.89	20.74	0.119		
		23800	711.0	QPSK	25	24	2	20.83	18.68	0.074
					50	0	2	22.99	20.84	0.121
					1	0	0	22.85	20.70	0.117
					1	24	0	22.74	20.59	0.115
					1	49	0	22.67	20.52	0.113
				25	0	1	21.94	19.79	0.095	
				25	12	1	21.79	19.64	0.092	
				25	24	1	21.74	19.59	0.091	
				50	0	1	21.89	19.74	0.094	
				16QAM	1	0	1	21.92	19.77	0.095
1	24	1	21.82		19.67	0.093				
1	49	1	21.77		19.62	0.092				
25	0	2	21.00		18.85	0.077				
25	12	2	20.82		18.67	0.074				
25	24	2	20.77	18.62	0.073					
50	0	2	20.92	18.77	0.075					

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 30 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	EIRP power (dBm)	EIRP power (W)
30	5	27685	2307.5	QPSK	1	0	0	17.31	16.23	0.042
					1	12	0	17.19	16.11	0.041
					1	24	0	17.11	16.03	0.040
					12	0	1	16.32	15.24	0.033
					12	6	1	16.24	15.16	0.033
					12	11	1	16.18	15.10	0.032
				25	0	1	16.35	15.27	0.034	
				16QAM	1	0	1	16.38	15.30	0.034
					1	12	1	16.27	15.19	0.033
		1	24		1	16.21	15.13	0.033		
		12	0		2	15.46	14.38	0.027		
		12	6		2	15.27	14.19	0.026		
		12	11		2	15.21	14.13	0.026		
		27710	2310.0	QPSK	1	0	0	17.28	16.20	0.042
					1	12	0	17.16	16.08	0.041
					1	24	0	17.08	16.00	0.040
					12	0	1	16.29	15.21	0.033
					12	6	1	16.21	15.13	0.033
	12				11	1	16.15	15.07	0.032	
	25			0	1	16.32	15.24	0.033		
	16QAM			1	0	1	16.35	15.27	0.034	
				1	12	1	16.24	15.16	0.033	
		1	24	1	16.18	15.10	0.032			
		12	0	2	15.43	14.35	0.027			
		12	6	2	15.24	14.16	0.026			
		12	11	2	15.18	14.10	0.026			
	27735	2312.5	QPSK	25	0	2	15.35	14.27	0.027	
				1	0	0	17.32	16.24	0.042	
				1	12	0	17.20	16.12	0.041	
				1	24	0	17.12	16.04	0.040	
				12	0	1	16.33	15.25	0.033	
				12	6	1	16.25	15.17	0.033	
			12	11	1	16.19	15.11	0.032		
			25	0	1	16.36	15.28	0.034		
			16QAM	1	0	1	16.39	15.31	0.034	
	1	12		1	16.28	15.20	0.033			
1	24	1		16.22	15.14	0.033				
12	0	2		15.47	14.39	0.027				
12	6	2		15.28	14.20	0.026				
12	11	2		15.22	14.14	0.026				
25	0	2	15.39	14.31	0.027					

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	EIRP power (dBm)	EIRP power (W)
30	10	27710	2310.0	QPSK	1	0	0	17.39	16.31	0.043
					1	24	0	17.27	16.19	0.042
					1	49	0	17.19	16.11	0.041
					25	0	1	16.40	15.32	0.034
					25	12	1	16.32	15.24	0.033
					25	24	1	16.26	15.18	0.033
				16QAM	50	0	1	16.43	15.35	0.034
					1	0	1	16.46	15.38	0.035
					1	24	1	16.35	15.27	0.034
					1	49	1	16.29	15.21	0.033
					25	0	2	15.43	14.35	0.027
					25	12	2	15.35	14.27	0.027
					25	24	2	15.29	14.21	0.026
					50	0	2	15.46	14.38	0.027

NOTE:

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

LTE Band 38 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)		
Band 38	5M	37775	2572.5	QPSK	1	0	0	23.58	25.09	0.323		
					1	12	0	23.49	25.00	0.316		
					1	24	0	23.43	24.94	0.312		
					12	0	1	22.67	24.18	0.262		
					12	6	1	22.54	24.05	0.254		
					12	11	1	22.50	24.01	0.252		
		16QAM	25	0	1	22.62	24.13	0.259				
			1	0	1	22.65	24.16	0.261				
			1	12	1	22.57	24.08	0.256				
			1	24	1	22.53	24.04	0.254				
			12	0	2	21.57	23.08	0.203				
			12	6	2	21.46	22.97	0.198				
		38000	2595.0	QPSK	2595.0	QPSK	12	11	2	21.38	22.89	0.195
							25	0	2	21.54	23.05	0.202
							1	0	0	23.61	25.12	0.325
							1	12	0	23.51	25.02	0.318
							1	24	0	23.40	24.91	0.310
							12	0	1	22.70	24.21	0.264
	16QAM		12	6	1	22.56	24.07	0.255				
			12	11	1	22.47	23.98	0.250				
			25	0	1	22.65	24.16	0.261				
			1	0	1	22.68	24.19	0.262				
			1	12	1	22.59	24.10	0.257				
			1	24	1	22.50	24.01	0.252				
	38225		2617.5	QPSK	2617.5	QPSK	12	0	2	21.57	23.08	0.203
							12	6	2	21.43	22.94	0.197
							12	11	2	21.30	22.81	0.191
							25	0	2	21.47	22.98	0.199
							1	0	0	23.56	25.07	0.321
							1	12	0	23.47	24.98	0.315
		16QAM	1	24	0	23.34	24.85	0.305				
			12	0	1	22.65	24.16	0.261				
			12	6	1	22.52	24.03	0.253				
			12	11	1	22.41	23.92	0.247				
			25	0	1	22.60	24.11	0.258				
			1	0	1	22.63	24.14	0.259				
16QAM		1	12	1	22.55	24.06	0.255					
		1	24	1	22.44	23.95	0.248					
		12	0	2	21.49	23.00	0.200					
		12	6	2	21.37	22.88	0.194					
		12	11	2	21.44	22.95	0.197					
		25	0	2	21.44	22.95	0.197					

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 Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
Band 38	10M	37800	2575.0	QPSK	1	0	0	23.65	25.16	0.328
					1	24	0	23.56	25.07	0.321
					1	49	0	23.50	25.01	0.317
					25	0	1	22.74	24.25	0.266
					25	12	1	22.61	24.12	0.258
				25	24	1	22.57	24.08	0.256	
				50	0	1	22.69	24.20	0.263	
				16QAM	1	0	1	22.72	24.23	0.265
					1	24	1	22.64	24.15	0.260
					1	49	1	22.60	24.11	0.258
		25	0		2	21.64	23.15	0.207		
		25	12		2	21.53	23.04	0.201		
		25	24	2	21.45	22.96	0.198			
		50	0	2	21.61	23.12	0.205			
		38000	2595.0	QPSK	1	0	0	23.68	25.19	0.330
					1	24	0	23.58	25.09	0.323
					1	49	0	23.47	24.98	0.315
					25	0	1	22.77	24.28	0.268
					25	12	1	22.63	24.14	0.259
				25	24	1	22.54	24.05	0.254	
				50	0	1	22.72	24.23	0.265	
				16QAM	1	0	1	22.75	24.26	0.267
					1	24	1	22.66	24.17	0.261
					1	49	1	22.57	24.08	0.256
		25	0		2	21.64	23.15	0.207		
		25	12		2	21.50	23.01	0.200		
		25	24	2	21.37	22.88	0.194			
		50	0	2	21.54	23.05	0.202			
		38200	2615.0	QPSK	1	0	0	23.63	25.14	0.327
					1	24	0	23.54	25.05	0.320
1	49				0	23.41	24.92	0.310		
25	0				1	22.72	24.23	0.265		
25	12				1	22.59	24.10	0.257		
25	24			1	22.48	23.99	0.251			
50	0			1	22.67	24.18	0.262			
16QAM	1			0	1	22.70	24.21	0.264		
	1			24	1	22.62	24.13	0.259		
	1			49	1	22.51	24.02	0.252		
	25	0	2	21.56	23.07	0.203				
	25	12	2	21.44	22.95	0.197				
25	24	2	21.51	23.02	0.200					
50	0	2	21.51	23.02	0.200					

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	EIRP power (dBm)	EIRP power (W)
Band 38	15M	37825	2577.5	QPSK	1	0	0	23.70	25.21	0.332
					1	37	0	23.61	25.12	0.325
					1	74	0	23.55	25.06	0.321
					36	0	1	22.79	24.30	0.269
					36	18	1	22.66	24.17	0.261
					36	35	1	22.62	24.13	0.259
				75	0	1	22.74	24.25	0.266	
				16QAM	1	0	1	22.77	24.28	0.268
					1	37	1	22.69	24.20	0.263
		1	74		1	22.65	24.16	0.261		
		36	0		2	21.69	23.20	0.209		
		36	18		2	21.58	23.09	0.204		
		36	35		2	21.50	23.01	0.200		
		38000	2595.0	QPSK	75	0	2	21.66	23.17	0.207
					1	0	0	23.73	25.24	0.334
					1	37	0	23.63	25.14	0.327
					1	74	0	23.52	25.03	0.318
					36	0	1	22.82	24.33	0.271
	36				18	1	22.68	24.19	0.262	
	36			35	1	22.59	24.10	0.257		
	75			0	1	22.77	24.28	0.268		
	16QAM			1	0	1	22.80	24.31	0.270	
		1	37	1	22.71	24.22	0.264			
		1	74	1	22.62	24.13	0.259			
		36	0	2	21.69	23.20	0.209			
		36	18	2	21.55	23.06	0.202			
		36	35	2	21.42	22.93	0.196			
	38175	2612.5	QPSK	75	0	2	21.59	23.10	0.204	
				1	0	0	23.68	25.19	0.330	
				1	37	0	23.59	25.10	0.324	
				1	74	0	23.46	24.97	0.314	
				36	0	1	22.77	24.28	0.268	
				36	18	1	22.64	24.15	0.260	
			36	35	1	22.53	24.04	0.254		
			75	0	1	22.72	24.23	0.265		
			16QAM	1	0	1	22.75	24.26	0.267	
1	37	1		22.67	24.18	0.262				
1	74	1		22.56	24.07	0.255				
36	0	2		21.61	23.12	0.205				
36	18	2		21.49	23.00	0.200				
36	35	2		21.56	23.07	0.203				
75	0	2	21.56	23.07	0.203					

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	EIRP power (dBm)	EIRP power (W)		
Band 38	20M	37850	2580.0	QPSK	1	0	0	23.83	25.34	0.342		
					1	49	0	23.74	25.25	0.335		
					1	99	0	23.68	25.19	0.330		
					50	0	1	22.92	24.43	0.277		
					50	24	1	22.79	24.30	0.269		
					50	49	1	22.75	24.26	0.267		
				100	0	1	22.87	24.38	0.274			
				16QAM	1	0	1	22.90	24.41	0.276		
					1	49	1	22.82	24.33	0.271		
					1	99	1	22.78	24.29	0.269		
					50	0	2	21.82	23.33	0.215		
					50	24	2	21.71	23.22	0.210		
					50	49	2	21.63	23.14	0.206		
				100	0	2	21.79	23.30	0.214			
				38000	2595.0	QPSK	1	0	0	23.86	25.37	0.344
							1	49	0	23.76	25.27	0.337
							1	99	0	23.65	25.16	0.328
							50	0	1	22.95	24.46	0.279
		50	24				1	22.81	24.32	0.270		
		50	49				1	22.72	24.23	0.265		
		100	0			1	22.90	24.41	0.276			
		16QAM	1			0	1	22.93	24.44	0.278		
			1			49	1	22.84	24.35	0.272		
			1			99	1	22.75	24.26	0.267		
			50			0	2	21.82	23.33	0.215		
			50			24	2	21.68	23.19	0.208		
			50			49	2	21.55	23.06	0.202		
		100	0			2	21.72	23.23	0.210			
		38150	2610.0			QPSK	1	0	0	23.81	25.32	0.340
							1	49	0	23.72	25.23	0.333
							1	99	0	23.59	25.10	0.324
							50	0	1	22.90	24.41	0.276
				50	24		1	22.77	24.28	0.268		
				50	49		1	22.66	24.17	0.261		
				100	0	1	22.85	24.36	0.273			
				16QAM	1	0	1	22.88	24.39	0.275		
					1	49	1	22.80	24.31	0.270		
					1	99	1	22.69	24.20	0.263		
					50	0	2	21.74	23.25	0.211		
					50	24	2	21.62	23.13	0.206		
					50	49	2	21.69	23.20	0.209		
				100	0	2	21.69	23.20	0.209			

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 41 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
Band 41	5M	39675	2498.5	QPSK	1	0	0	23.51	24.62	0.290
					1	12	0	23.43	24.54	0.284
					1	24	0	23.35	24.46	0.279
					12	0	1	22.60	23.71	0.235
					12	6	1	22.48	23.59	0.229
					12	11	1	22.42	23.53	0.225
				16QAM	25	0	1	22.55	23.66	0.232
					1	0	1	22.58	23.69	0.234
					1	12	1	22.51	23.62	0.230
					1	24	1	22.45	23.56	0.227
					12	0	2	21.66	22.77	0.189
					12	6	2	21.51	22.62	0.183
					12	11	2	21.45	22.56	0.180
					25	0	2	21.58	22.69	0.186
					40620	2593.0	QPSK	1	0	0
	1	12	0	23.45				24.56	0.286	
	1	24	0	23.41				24.52	0.283	
	12	0	1	22.61				23.72	0.236	
	12	6	1	22.50				23.61	0.230	
	12	11	1	22.48				23.59	0.229	
	16QAM	25	0	1			22.56	23.67	0.233	
		1	0	1			22.59	23.70	0.234	
		1	12	1			22.53	23.64	0.231	
		1	24	1			22.51	23.62	0.230	
		12	0	2			21.67	22.78	0.190	
		12	6	2			21.53	22.64	0.184	
		12	11	2			21.51	22.62	0.183	
		25	0	2			21.59	22.70	0.186	
		41565	2687.5	QPSK			1	0	0	23.50
	1				12	0	23.38	24.49	0.281	
	1				24	0	23.32	24.43	0.277	
	12				0	1	22.59	23.70	0.234	
	12				6	1	22.43	23.54	0.226	
	12				11	1	22.39	23.50	0.224	
	16QAM			25	0	1	22.54	23.65	0.232	
				1	0	1	22.57	23.68	0.233	
				1	12	1	22.46	23.57	0.228	
				1	24	1	22.42	23.53	0.225	
				12	0	2	21.65	22.76	0.189	
				12	6	2	21.46	22.57	0.181	
				12	11	2	21.42	22.53	0.179	
				25	0	2	21.57	22.68	0.185	

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	EIRP power (dBm)	EIRP power (W)
Band 41	10M	39700	2501.0	QPSK	1	0	0	23.60	24.71	0.296
					1	24	0	23.52	24.63	0.290
					1	49	0	23.44	24.55	0.285
					25	0	1	22.69	23.80	0.240
					25	12	1	22.57	23.68	0.233
				25	24	1	22.51	23.62	0.230	
				50	0	1	22.64	23.75	0.237	
				16QAM	1	0	1	22.67	23.78	0.239
					1	24	1	22.60	23.71	0.235
					1	49	1	22.54	23.65	0.232
		25	0		2	21.75	22.86	0.193		
		25	12		2	21.60	22.71	0.187		
		25	24	2	21.54	22.65	0.184			
		50	0	2	21.67	22.78	0.190			
		40620	2593.0	QPSK	1	0	0	23.61	24.72	0.296
					1	24	0	23.54	24.65	0.292
					1	49	0	23.50	24.61	0.289
					25	0	1	22.70	23.81	0.240
					25	12	1	22.59	23.70	0.234
				25	24	1	22.57	23.68	0.233	
				50	0	1	22.65	23.76	0.238	
				16QAM	1	0	1	22.68	23.79	0.239
					1	24	1	22.62	23.73	0.236
					1	49	1	22.60	23.71	0.235
		25	0		2	21.76	22.87	0.194		
		25	12		2	21.62	22.73	0.187		
		25	24	2	21.60	22.71	0.187			
		50	0	2	21.68	22.79	0.190			
		41540	2685.0	QPSK	1	0	0	23.59	24.70	0.295
					1	24	0	23.47	24.58	0.287
1	49				0	23.41	24.52	0.283		
25	0				1	22.68	23.79	0.239		
25	12				1	22.52	23.63	0.231		
25	24			1	22.48	23.59	0.229			
50	0			1	22.63	23.74	0.237			
16QAM	1			0	1	22.66	23.77	0.238		
	1			24	1	22.55	23.66	0.232		
	1			49	1	22.51	23.62	0.230		
	25	0	2	21.74	22.85	0.193				
	25	12	2	21.55	22.66	0.185				
25	24	2	21.51	22.62	0.183					
50	0	2	21.66	22.77	0.189					

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	EIRP power (dBm)	EIRP power (W)
Band 41	15M	39725	2503.5	QPSK	1	0	0	23.73	24.84	0.305
					1	37	0	23.65	24.76	0.299
					1	74	0	23.57	24.68	0.294
					36	0	1	22.82	23.93	0.247
					36	18	1	22.70	23.81	0.240
				36	35	1	22.64	23.75	0.237	
				75	0	1	22.77	23.88	0.244	
				16QAM	1	0	1	22.80	23.91	0.246
					1	37	1	22.73	23.84	0.242
					1	74	1	22.67	23.78	0.239
					36	0	2	21.88	22.99	0.199
					36	18	2	21.73	22.84	0.192
				36	35	2	21.67	22.78	0.190	
				75	0	2	21.80	22.91	0.195	
				40620	2593.0	QPSK	1	0	0	23.74
		1	37				0	23.67	24.78	0.301
		1	74				0	23.63	24.74	0.298
		36	0				1	22.83	23.94	0.248
		36	18				1	22.72	23.83	0.242
		36	35			1	22.70	23.81	0.240	
		75	0			1	22.78	23.89	0.245	
		16QAM	1			0	1	22.81	23.92	0.247
			1			37	1	22.75	23.86	0.243
			1			74	1	22.73	23.84	0.242
			36			0	2	21.89	23.00	0.200
			36			18	2	21.75	22.86	0.193
		36	35			2	21.73	22.84	0.192	
		75	0			2	21.81	22.92	0.196	
		41515	2682.5			QPSK	1	0	0	23.72
				1	37		0	23.60	24.71	0.296
				1	74		0	23.54	24.65	0.292
				36	0		1	22.81	23.92	0.247
				36	18		1	22.65	23.76	0.238
				36	35	1	22.61	23.72	0.236	
				75	0	1	22.76	23.87	0.244	
				16QAM	1	0	1	22.79	23.90	0.245
					1	37	1	22.68	23.79	0.239
					1	74	1	22.64	23.75	0.237
					36	0	2	21.87	22.98	0.199
					36	18	2	21.68	22.79	0.190
				36	35	2	21.64	22.75	0.188	
				75	0	2	21.79	22.90	0.195	

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 Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)				
Band 41	20M	39750	2506.0	QPSK	1	0	0	23.81	24.92	0.310				
					1	49	0	23.73	24.84	0.305				
					1	99	0	23.65	24.76	0.299				
					50	0	1	22.90	24.01	0.252				
					50	24	1	22.78	23.89	0.245				
					50	49	1	22.72	23.83	0.242				
				16QAM	100	0	1	22.85	23.96	0.249				
					1	0	1	22.88	23.99	0.251				
					1	49	1	22.81	23.92	0.247				
					1	99	1	22.75	23.86	0.243				
					50	0	2	21.96	23.07	0.203				
					50	24	2	21.81	22.92	0.196				
				40620	2593.0	QPSK	2593.0	50	49	2	21.75	22.86	0.193	
								100	0	2	21.88	22.99	0.199	
								1	0	0	23.82	24.93	0.311	
								1	49	0	23.75	24.86	0.306	
								1	99	0	23.71	24.82	0.303	
								50	0	1	22.91	24.02	0.252	
		16QAM	50			24	1	22.80	23.91	0.246				
			50			49	1	22.78	23.89	0.245				
			100			0	1	22.86	23.97	0.249				
			1			0	1	22.89	24.00	0.251				
			1			49	1	22.83	23.94	0.248				
			1			99	1	22.81	23.92	0.247				
		41490	2680.0			QPSK	2680.0	50	0	2	21.97	23.08	0.203	
								50	24	2	21.83	22.94	0.197	
								50	49	2	21.81	22.92	0.196	
								100	0	2	21.89	23.00	0.200	
								1	0	0	23.80	24.91	0.310	
								1	49	0	23.68	24.79	0.301	
				16QAM	1	99	0	23.62	24.73	0.297				
					50	0	1	22.89	24.00	0.251				
					50	24	1	22.73	23.84	0.242				
					50	49	1	22.69	23.80	0.240				
					100	0	1	22.84	23.95	0.248				
					1	0	1	22.87	23.98	0.250				
								QPSK	1	49	1	22.76	23.87	0.244
									1	99	1	22.72	23.83	0.242
									50	0	2	21.95	23.06	0.202
									50	24	2	21.76	22.87	0.194
									50	49	2	21.72	22.83	0.192
									100	0	2	21.87	22.98	0.199

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:

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
5M	39675	2498.5	QPSK	1	0	0	25.69	26.80	0.479
				1	12	0	26.03	27.14	0.518
				1	24	0	26.08	27.19	0.524
				12	0	1	25.69	26.80	0.479
				12	6	1	26.03	27.14	0.518
				12	11	1	26.08	27.19	0.524
			16QAM	25	0	1	24.75	25.86	0.385
				1	0	1	24.87	25.98	0.396
				1	12	1	24.83	25.94	0.393
				1	24	1	25.15	26.26	0.423
				12	0	2	24.87	25.98	0.396
				12	6	2	24.83	25.94	0.393
				12	11	2	25.15	26.26	0.423
				25	0	2	23.84	24.95	0.313
				40620	2593.0	QPSK	1	0	0
	1	12	0				26.06	27.17	0.521
	1	24	0				25.83	26.94	0.494
	12	0	1				26.12	27.23	0.528
	12	6	1				26.06	27.17	0.521
	12	11	1				25.83	26.94	0.494
	16QAM	25	0			1	25.18	26.29	0.426
		1	0			1	25.30	26.41	0.438
		1	12			1	25.26	26.37	0.434
		1	24			1	24.90	26.01	0.399
		12	0			2	25.30	26.41	0.438
		12	6			2	25.26	26.37	0.434
		12	11			2	24.90	26.01	0.399
		25	0			2	25.30	26.41	0.438
		41565	2687.5			QPSK	1	0	0
	1			12	0		25.39	26.50	0.447
1	24			0	24.98		26.09	0.406	
12	0			1	25.73		26.84	0.483	
12	6			1	25.39		26.50	0.447	
12	11			1	24.98		26.09	0.406	
16QAM	25			0	1	24.79	25.90	0.389	
	1			0	1	24.91	26.02	0.400	
	1			12	1	24.87	25.98	0.396	
	1			24	1	24.05	25.16	0.328	
	12			0	2	24.91	26.02	0.400	
	12			6	2	24.87	25.98	0.396	
	12			11	2	24.05	25.16	0.328	
	25			0	2	24.91	26.02	0.400	

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
10M	39700	2501.0	QPSK	1	0	0	25.74	26.85	0.484
				1	24	0	26.08	27.19	0.524
				1	49	0	26.13	27.24	0.530
				25	0	1	25.74	26.85	0.484
				25	12	1	26.08	27.19	0.524
				25	24	1	26.13	27.24	0.530
			16QAM	50	0	1	24.80	25.91	0.390
				1	0	1	24.92	26.03	0.401
				1	24	1	24.88	25.99	0.397
				1	49	1	25.20	26.31	0.428
				25	0	2	24.92	26.03	0.401
				25	12	2	24.88	25.99	0.397
	40620	2593.0	QPSK	25	24	2	25.20	26.31	0.428
				25	0	2	24.92	26.03	0.401
				25	12	2	24.88	25.99	0.397
				25	24	2	25.20	26.31	0.428
				50	0	2	23.89	25.00	0.316
				1	0	0	26.17	27.28	0.535
			16QAM	1	24	0	26.11	27.22	0.527
				1	49	0	25.88	26.99	0.500
				25	0	1	26.17	27.28	0.535
				25	12	1	26.11	27.22	0.527
				25	24	1	25.88	26.99	0.500
				50	0	1	25.23	26.34	0.431
	41540	2685.0	QPSK	1	0	1	25.35	26.46	0.443
				1	24	1	25.31	26.42	0.439
				1	49	1	24.95	26.06	0.404
				25	0	2	25.35	26.46	0.443
				25	12	2	25.31	26.42	0.439
				25	24	2	24.95	26.06	0.404
			16QAM	50	0	2	25.35	26.46	0.443
				1	0	0	25.78	26.89	0.489
				1	24	0	25.44	26.55	0.452
				1	49	0	25.03	26.14	0.411
				25	0	1	25.78	26.89	0.489
				25	12	1	25.44	26.55	0.452
41540	2685.0	QPSK	25	24	1	25.03	26.14	0.411	
			25	0	1	24.84	25.95	0.394	
			50	0	1	24.84	25.95	0.394	
			1	0	1	24.96	26.07	0.405	
			1	24	1	24.92	26.03	0.401	
			1	49	1	24.10	25.21	0.332	
		16QAM	25	0	2	24.96	26.07	0.405	
			25	12	2	24.92	26.03	0.401	
			25	24	2	24.10	25.21	0.332	
			25	0	2	24.96	26.07	0.405	
			50	0	2	24.96	26.07	0.405	

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
15M	39725	2503.5	QPSK	1	0	0	25.79	26.90	0.490
				1	37	0	26.13	27.24	0.530
				1	74	0	26.18	27.29	0.536
				36	0	1	25.79	26.90	0.490
				36	18	1	26.13	27.24	0.530
				36	35	1	26.18	27.29	0.536
			16QAM	75	0	1	24.85	25.96	0.394
				1	0	1	24.97	26.08	0.406
				1	37	1	24.93	26.04	0.402
				1	74	1	25.25	26.36	0.433
				36	0	2	24.97	26.08	0.406
				36	18	2	24.93	26.04	0.402
	40620	2593.0	QPSK	36	35	2	25.25	26.36	0.433
				36	0	2	23.94	25.05	0.320
				75	0	2	23.94	25.05	0.320
				1	0	0	26.22	27.33	0.541
				1	37	0	26.16	27.27	0.533
				1	74	0	25.93	27.04	0.506
		16QAM	36	0	1	26.22	27.33	0.541	
			36	18	1	26.16	27.27	0.533	
			36	35	1	25.93	27.04	0.506	
			75	0	1	25.28	26.39	0.436	
			1	0	1	25.40	26.51	0.448	
			1	37	1	25.36	26.47	0.444	
	41515	2682.5	QPSK	1	74	1	25.00	26.11	0.408
				36	0	2	25.40	26.51	0.448
				36	18	2	25.36	26.47	0.444
				36	35	2	25.00	26.11	0.408
				75	0	2	24.23	25.34	0.342
				75	0	2	24.23	25.34	0.342
		16QAM	1	0	0	25.83	26.94	0.494	
			1	37	0	25.49	26.60	0.457	
			1	74	0	25.08	26.19	0.416	
			36	0	1	25.83	26.94	0.494	
			36	18	1	25.49	26.60	0.457	
			36	35	1	25.08	26.19	0.416	
41515	2682.5	QPSK	75	0	1	24.89	26.00	0.398	
			1	0	1	25.01	26.12	0.409	
			1	37	1	24.97	26.08	0.406	
			1	74	1	24.15	25.26	0.336	
			36	0	2	25.01	26.12	0.409	
			36	18	2	24.97	26.08	0.406	
	16QAM	36	35	2	24.15	25.26	0.336		
		75	0	2	23.84	24.95	0.313		
		75	0	2	23.84	24.95	0.313		
		75	0	2	23.84	24.95	0.313		
		75	0	2	23.84	24.95	0.313		
		75	0	2	23.84	24.95	0.313		

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power	EIRP power (dBm)	EIRP power (W)
20M	39750	2506.0	QPSK	1	0	0	25.84	26.95	0.495
				1	49	0	26.18	27.29	0.536
				1	99	0	26.23	27.34	0.542
				50	0	1	24.95	26.06	0.404
				50	24	1	25.22	26.33	0.430
				50	49	1	25.41	26.52	0.449
			16QAM	100	0	1	24.90	26.01	0.399
				1	0	1	25.02	26.13	0.410
				1	49	1	24.98	26.09	0.406
				1	99	1	25.30	26.41	0.438
				50	0	2	23.85	24.96	0.313
				50	24	2	24.32	25.43	0.349
	40620	2593.0	QPSK	50	49	2	24.26	25.37	0.344
				100	0	2	23.99	25.10	0.324
				1	0	0	26.27	27.38	0.547
				1	49	0	26.21	27.32	0.540
				1	99	0	25.98	27.09	0.512
				50	0	1	25.38	26.49	0.446
			16QAM	50	24	1	25.25	26.36	0.433
				50	49	1	25.16	26.27	0.424
				100	0	1	25.33	26.44	0.441
				1	0	1	25.45	26.56	0.453
				1	49	1	25.41	26.52	0.449
				1	99	1	25.05	26.16	0.413
	41490	2680.0	QPSK	50	0	2	24.28	25.39	0.346
				50	24	2	24.35	25.46	0.352
				50	49	2	24.01	25.12	0.325
				100	0	2	24.42	25.53	0.357
				1	0	0	25.88	26.99	0.500
				1	49	0	25.54	26.65	0.462
			16QAM	1	99	0	25.13	26.24	0.421
				50	0	1	24.99	26.10	0.407
				50	24	1	24.58	25.69	0.371
				50	49	1	24.31	25.42	0.348
				100	0	1	24.94	26.05	0.403
				1	0	1	25.06	26.17	0.414
16QAM	1	49	1	25.02	26.13	0.410			
	1	99	1	24.20	25.31	0.340			
	50	0	2	23.89	25.00	0.316			
	50	24	2	23.68	24.79	0.301			
	50	49	2	23.16	24.27	0.267			
	100	0	2	24.03	25.14	0.327			

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 66 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	EIRP power (dBm)	EIRP power (W)
Band 66	1.4	131979	1710.7	QPSK	1	0	0	21.00	22.75	0.188
					1	2	0	20.94	22.69	0.186
					1	5	0	20.89	22.64	0.184
					3	0	0	20.09	21.84	0.153
					3	1	0	19.99	21.74	0.149
					3	2	0	19.96	21.71	0.148
		6	0	1	20.04	21.79	0.151			
		1	0	1	20.07	21.82	0.152			
		1	2	1	20.02	21.77	0.150			
		1	5	1	19.99	21.74	0.149			
		3	0	1	19.15	20.90	0.123			
		3	1	1	19.02	20.77	0.119			
		3	2	1	18.99	20.74	0.119			
		6	0	2	19.07	20.82	0.121			
		1	0	0	21.02	22.77	0.189			
		1	2	0	20.90	22.65	0.184			
		1	5	0	20.83	22.58	0.181			
		3	0	0	20.11	21.86	0.153			
		3	1	0	19.95	21.70	0.148			
		3	2	0	19.90	21.65	0.146			
		6	0	1	20.06	21.81	0.152			
	1	0	1	20.09	21.84	0.153				
	1	2	1	19.98	21.73	0.149				
	1	5	1	19.93	21.68	0.147				
	3	0	1	19.17	20.92	0.124				
	3	1	1	18.98	20.73	0.118				
	3	2	1	18.93	20.68	0.117				
	6	0	2	19.09	20.84	0.121				
	1	0	0	20.98	22.73	0.187				
	1	2	0	20.91	22.66	0.185				
	1	5	0	20.84	22.59	0.182				
	3	0	0	20.07	21.82	0.152				
	3	1	0	19.96	21.71	0.148				
	3	2	0	19.91	21.66	0.147				
	6	0	1	20.02	21.77	0.150				
	1	0	1	20.05	21.80	0.151				
	1	2	1	19.99	21.74	0.149				
	1	5	1	19.94	21.69	0.148				
	3	0	1	19.13	20.88	0.122				
	3	1	1	18.99	20.74	0.119				
	3	2	1	18.94	20.69	0.117				
	6	0	2	19.05	20.80	0.120				

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	EIRP power (dBm)	EIRP power (W)				
Band 66	3	131987	1711.5	QPSK	1	0	0	21.05	22.80	0.191				
					1	7	0	20.99	22.74	0.188				
					1	14	0	20.94	22.69	0.186				
					8	0	1	20.14	21.89	0.155				
					8	4	1	20.04	21.79	0.151				
					8	7	1	20.01	21.76	0.150				
				15	0	1	20.09	21.84	0.153					
				16QAM	1	0	1	20.12	21.87	0.154				
					1	7	1	20.07	21.82	0.152				
					1	14	1	20.04	21.79	0.151				
					8	0	2	19.20	20.95	0.124				
					8	4	2	19.07	20.82	0.121				
					8	7	2	19.04	20.79	0.120				
				132322	1745.0	QPSK	15	0	2	19.12	20.87	0.122		
							1	0	0	21.07	22.82	0.191		
		1	7				0	20.95	22.70	0.186				
		1	14				0	20.88	22.63	0.183				
		8	0				1	20.16	21.91	0.155				
		8	4				1	20.00	21.75	0.150				
		16QAM	8			7	1	19.95	21.70	0.148				
			15			0	1	20.11	21.86	0.153				
			1			0	1	20.14	21.89	0.155				
			1			7	1	20.03	21.78	0.151				
			1			14	1	19.98	21.73	0.149				
			8			0	2	19.22	20.97	0.125				
		132656	1778.4			QPSK	8	4	2	19.03	20.78	0.120		
							8	7	2	18.98	20.73	0.118		
							15	0	2	19.14	20.89	0.123		
				1	0		0	21.03	22.78	0.190				
				1	7		0	20.96	22.71	0.187				
				1	14		0	20.89	22.64	0.184				
				16QAM	8	0	1	20.12	21.87	0.154				
					8	4	1	20.01	21.76	0.150				
					8	7	1	19.96	21.71	0.148				
					15	0	1	20.07	21.82	0.152				
					1	0	1	20.10	21.85	0.153				
					1	7	1	20.04	21.79	0.151				
									1	14	1	19.99	21.74	0.149
									8	0	2	19.18	20.93	0.124
									8	4	2	19.04	20.79	0.120
		8	7						2	18.99	20.74	0.119		
		15	0						2	19.10	20.85	0.122		

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	EIRP power (dBm)	EIRP power (W)
Band 66	5	131997	1712.5	QPSK	1	0	0	21.13	22.88	0.194
					1	12	0	21.07	22.82	0.191
					1	24	0	21.02	22.77	0.189
					12	0	1	20.22	21.97	0.157
					12	6	1	20.12	21.87	0.154
				12	11	1	20.09	21.84	0.153	
				25	0	1	20.17	21.92	0.156	
				16QAM	1	0	1	20.20	21.95	0.157
					1	12	1	20.15	21.90	0.155
					1	24	1	20.12	21.87	0.154
					12	0	2	19.28	21.03	0.127
					12	6	2	19.15	20.90	0.123
				12	11	2	19.12	20.87	0.122	
				25	0	2	19.20	20.95	0.124	
				132322	1745.0	QPSK	1	0	0	21.15
		1	12				0	21.03	22.78	0.190
		1	24				0	20.96	22.71	0.187
		12	0				1	20.24	21.99	0.158
		12	6				1	20.08	21.83	0.152
		12	11			1	20.03	21.78	0.151	
		25	0			1	20.19	21.94	0.156	
		16QAM	1			0	1	20.22	21.97	0.157
			1			12	1	20.11	21.86	0.153
			1			24	1	20.06	21.81	0.152
			12			0	2	19.30	21.05	0.127
			12			6	2	19.11	20.86	0.122
		12	11			2	19.06	20.81	0.121	
		25	0			2	19.22	20.97	0.125	
		132647	1777.5			QPSK	1	0	0	21.11
				1	12		0	21.04	22.79	0.190
				1	24		0	20.97	22.72	0.187
				12	0		1	20.20	21.95	0.157
				12	6		1	20.09	21.84	0.153
				12	11	1	20.04	21.79	0.151	
				25	0	1	20.15	21.90	0.155	
				16QAM	1	0	1	20.18	21.93	0.156
					1	12	1	20.12	21.87	0.154
					1	24	1	20.07	21.82	0.152
					12	0	2	19.26	21.01	0.126
					12	6	2	19.12	20.87	0.122
				12	11	2	19.07	20.82	0.121	
				25	0	2	19.18	20.93	0.124	

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	EIRP power (dBm)	EIRP power (W)
Band 66	10	132022	1715.0	QPSK	1	0	0	21.19	22.94	0.197
					1	24	0	21.13	22.88	0.194
					1	49	0	21.08	22.83	0.192
					25	0	1	20.28	22.03	0.160
					25	12	1	20.18	21.93	0.156
				25	24	1	20.15	21.90	0.155	
				50	0	1	20.23	21.98	0.158	
				16QAM	1	0	1	20.26	22.01	0.159
					1	24	1	20.21	21.96	0.157
					1	49	1	20.18	21.93	0.156
		25	0		2	19.34	21.09	0.129		
		25	12		2	19.21	20.96	0.125		
		25	24	2	19.18	20.93	0.124			
		50	0	2	19.26	21.01	0.126			
		132322	1745.0	QPSK	1	0	0	21.21	22.96	0.198
					1	24	0	21.09	22.84	0.192
					1	49	0	21.02	22.77	0.189
					25	0	1	20.30	22.05	0.160
					25	12	1	20.14	21.89	0.155
				25	24	1	20.09	21.84	0.153	
				50	0	1	20.25	22.00	0.158	
				16QAM	1	0	1	20.28	22.03	0.160
					1	24	1	20.17	21.92	0.156
					1	49	1	20.12	21.87	0.154
		25	0		2	19.36	21.11	0.129		
		25	12		2	19.17	20.92	0.124		
		25	24	2	19.12	20.87	0.122			
		50	0	2	19.28	21.03	0.127			
		132621	1775.0	QPSK	1	0	0	21.17	22.92	0.196
					1	24	0	21.10	22.85	0.193
1	49				0	21.03	22.78	0.190		
25	0				1	20.26	22.01	0.159		
25	12				1	20.15	21.90	0.155		
25	24			1	20.10	21.85	0.153			
50	0			1	20.21	21.96	0.157			
16QAM	1			0	1	20.24	21.99	0.158		
	1			24	1	20.18	21.93	0.156		
	1			49	1	20.13	21.88	0.154		
	25	0	2	19.32	21.07	0.128				
	25	12	2	19.18	20.93	0.124				
25	24	2	19.13	20.88	0.122					
50	0	2	19.24	20.99	0.126					

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	EIRP power (dBm)	EIRP power (W)
Band 66	15	132047	1717.5	QPSK	1	0	0	21.26	23.01	0.200
					1	37	0	21.20	22.95	0.197
					1	74	0	21.15	22.90	0.195
					36	0	1	20.35	22.10	0.162
					36	18	1	20.25	22.00	0.158
				36	35	1	20.22	21.97	0.157	
				75	0	1	20.30	22.05	0.160	
				16QAM	1	0	1	20.33	22.08	0.161
					1	37	1	20.28	22.03	0.160
					1	74	1	20.25	22.00	0.158
					36	0	2	19.41	21.16	0.131
					36	18	2	19.28	21.03	0.127
				36	35	2	19.25	21.00	0.126	
				75	0	2	19.33	21.08	0.128	
				132322	1745.0	QPSK	1	0	0	21.28
		1	37				0	21.16	22.91	0.195
		1	74				0	21.09	22.84	0.192
		36	0				1	20.37	22.12	0.163
		36	18				1	20.21	21.96	0.157
		36	35			1	20.16	21.91	0.155	
		75	0			1	20.32	22.07	0.161	
		16QAM	1			0	1	20.35	22.10	0.162
			1			37	1	20.24	21.99	0.158
			1			74	1	20.19	21.94	0.156
			36			0	2	19.43	21.18	0.131
			36			18	2	19.24	20.99	0.126
		36	35			2	19.19	20.94	0.124	
		75	0			2	19.35	21.10	0.129	
		132597	1772.5			QPSK	1	0	0	21.24
				1	37		0	21.17	22.92	0.196
				1	74		0	21.10	22.85	0.193
				36	0		1	20.33	22.08	0.161
				36	18		1	20.22	21.97	0.157
				36	35	1	20.17	21.92	0.156	
				75	0	1	20.28	22.03	0.160	
				16QAM	1	0	1	20.31	22.06	0.161
					1	37	1	20.25	22.00	0.158
					1	74	1	20.20	21.95	0.157
					36	0	2	19.39	21.14	0.130
					36	18	2	19.25	21.00	0.126
				36	35	2	19.20	20.95	0.124	
				75	0	2	19.31	21.06	0.128	

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	EIRP power (dBm)	EIRP power (W)		
Band 66	20	132072	1720.0	QPSK	1	0	0	21.34	23.09	0.204		
					1	49	0	21.28	23.03	0.201		
					1	99	0	21.23	22.98	0.199		
					50	0	1	20.43	22.18	0.165		
					50	24	1	20.33	22.08	0.161		
					50	49	1	20.30	22.05	0.160		
				100	0	1	20.38	22.13	0.163			
				16QAM	1	0	1	20.41	22.16	0.164		
					1	49	1	20.36	22.11	0.163		
					1	99	1	20.33	22.08	0.161		
					50	0	2	19.49	21.24	0.133		
					50	24	2	19.36	21.11	0.129		
					50	49	2	19.33	21.08	0.128		
				100	0	2	19.41	21.16	0.131			
				132322	1745.0	QPSK	1	0	0	21.36	23.11	0.205
							1	49	0	21.24	22.99	0.199
							1	99	0	21.17	22.92	0.196
							50	0	1	20.45	22.20	0.166
		50	24				1	20.29	22.04	0.160		
		50	49				1	20.24	21.99	0.158		
		100	0			1	20.40	22.15	0.164			
		16QAM	1			0	1	20.43	22.18	0.165		
			1			49	1	20.32	22.07	0.161		
			1			99	1	20.27	22.02	0.159		
			50			0	2	19.45	21.20	0.132		
			50			24	2	19.32	21.07	0.128		
			50			49	2	19.27	21.02	0.126		
		100	0			2	19.43	21.18	0.131			
		132572	1770.0			QPSK	1	0	0	21.32	23.07	0.203
							1	49	0	21.25	23.00	0.200
							1	99	0	21.18	22.93	0.196
							50	0	1	20.41	22.16	0.164
				50	24		1	20.30	22.05	0.160		
				50	49		1	20.25	22.00	0.158		
				100	0	1	20.36	22.11	0.163			
				16QAM	1	0	1	20.39	22.14	0.164		
					1	49	1	20.33	22.08	0.161		
					1	99	1	20.28	22.03	0.160		
					50	0	2	19.47	21.22	0.132		
					50	24	2	19.33	21.08	0.128		
					50	49	2	19.28	21.03	0.127		
				100	0	2	19.39	21.14	0.130			

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 71 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
Band 71	5M	133147	665.5	QPSK	1	0	0	24.62	22.43	0.175
					1	12	0	24.53	22.34	0.171
					1	24	0	24.45	22.26	0.168
					12	0	1	23.71	21.52	0.142
					12	6	1	23.58	21.39	0.138
					12	11	1	23.52	21.33	0.136
				16QAM	25	0	1	23.66	21.47	0.140
					1	0	1	23.69	21.50	0.141
					1	12	1	23.61	21.42	0.139
					1	24	1	23.55	21.36	0.137
					12	0	2	22.77	20.58	0.114
					12	6	2	22.61	20.42	0.110
					12	11	2	22.55	20.36	0.109
					25	0	2	22.69	20.50	0.112
					133297	680.5	QPSK	1	0	0
		1	12	0				24.56	22.37	0.173
		1	24	0				24.48	22.29	0.169
		12	0	1				23.75	21.56	0.143
		12	6	1				23.61	21.42	0.139
		12	11	1				23.55	21.36	0.137
		16QAM	25	0			1	23.70	21.51	0.142
			1	0			1	23.73	21.54	0.143
			1	12			1	23.64	21.45	0.140
			1	24			1	23.58	21.39	0.138
			12	0			2	22.81	20.62	0.115
			12	6			2	22.64	20.45	0.111
			12	11			2	22.58	20.39	0.109
			25	0			2	22.73	20.54	0.113
			133447	695.5			QPSK	1	0	0
		1			12	0		24.51	22.32	0.171
		1			24	0		24.44	22.25	0.168
		12			0	1		23.73	21.54	0.143
		12			6	1		23.56	21.37	0.137
		12			11	1		23.51	21.32	0.136
		16QAM			25	0	1	23.68	21.49	0.141
					1	0	1	23.71	21.52	0.142
					1	12	1	23.59	21.40	0.138
					1	24	1	23.54	21.35	0.136
					12	0	2	22.79	20.60	0.115
					12	6	2	22.59	20.40	0.110
					12	11	2	22.54	20.35	0.108
					25	0	2	22.71	20.52	0.113

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)	ERP power (dBm)	ERP power (W)
Band 71	10M	133172	668.0	QPSK	1	0	0	24.68	22.49	0.177
					1	24	0	24.59	22.40	0.174
					1	49	0	24.51	22.32	0.171
					25	0	1	23.77	21.58	0.144
					25	12	1	23.64	21.45	0.140
					25	24	1	23.58	21.39	0.138
				16QAM	50	0	1	23.72	21.53	0.142
					1	0	1	23.75	21.56	0.143
					1	24	1	23.67	21.48	0.141
					1	49	1	23.61	21.42	0.139
					25	0	2	22.83	20.64	0.116
					25	12	2	22.67	20.48	0.112
					25	24	2	22.61	20.42	0.110
					50	0	2	22.75	20.56	0.114
					133297	680.0	QPSK	1	0	0
		1	24	0				24.62	22.43	0.175
		1	49	0				24.54	22.35	0.172
		25	0	1				23.81	21.62	0.145
		25	12	1				23.67	21.48	0.141
		25	24	1				23.61	21.42	0.139
		16QAM	50	0			1	23.76	21.57	0.144
			1	0			1	23.79	21.60	0.145
			1	24			1	23.70	21.51	0.142
			1	49			1	23.64	21.45	0.140
			25	0			2	22.87	20.68	0.117
			25	12			2	22.70	20.51	0.112
			25	24			2	22.64	20.45	0.111
			50	0			2	22.79	20.60	0.115
			133422	693.0			QPSK	1	0	0
		1			24	0		24.57	22.38	0.173
		1			49	0		24.50	22.31	0.170
		25			0	1		23.79	21.60	0.145
		25			12	1		23.62	21.43	0.139
		25			24	1		23.57	21.38	0.137
		16QAM			50	0	1	23.74	21.55	0.143
					1	0	1	23.77	21.58	0.144
					1	24	1	23.65	21.46	0.140
					1	49	1	23.60	21.41	0.138
					25	0	2	22.85	20.66	0.116
					25	12	2	22.65	20.46	0.111
					25	24	2	22.60	20.41	0.110
					50	0	2	22.77	20.58	0.114

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)	ERP power (dBm)	ERP power (W)			
Band 71	15M	133197	670.5	QPSK	1	0	0	24.75	22.56	0.180			
					1	37	0	24.66	22.47	0.177			
					1	74	0	24.58	22.39	0.173			
					36	0	1	23.84	21.65	0.146			
					36	18	1	23.71	21.52	0.142			
					36	35	1	23.65	21.46	0.140			
				16QAM	75	0	1	23.79	21.60	0.145			
					1	0	1	23.82	21.63	0.146			
					1	37	1	23.74	21.55	0.143			
					1	74	1	23.68	21.49	0.141			
					36	0	2	22.90	20.71	0.118			
					36	18	2	22.74	20.55	0.114			
		133297	680.5	QPSK	680.5	QPSK	36	35	2	22.68	20.49	0.112	
							75	0	2	22.82	20.63	0.116	
							1	0	0	24.79	22.60	0.182	
							1	37	0	24.69	22.50	0.178	
							1	74	0	24.61	22.42	0.175	
							36	0	1	23.88	21.69	0.148	
				16QAM	16QAM	16QAM	16QAM	36	18	1	23.74	21.55	0.143
								36	35	1	23.68	21.49	0.141
								75	0	1	23.83	21.64	0.146
								1	0	1	23.86	21.67	0.147
								1	37	1	23.77	21.58	0.144
								1	74	1	23.71	21.52	0.142
		133397	690.5	QPSK	690.5	QPSK	36	0	2	22.94	20.75	0.119	
							36	18	2	22.77	20.58	0.114	
							36	35	2	22.71	20.52	0.113	
							75	0	2	22.86	20.67	0.117	
							1	0	0	24.77	22.58	0.181	
							1	37	0	24.64	22.45	0.176	
				16QAM	16QAM	16QAM	16QAM	1	74	0	24.57	22.38	0.173
								36	0	1	23.86	21.67	0.147
								36	18	1	23.69	21.50	0.141
								36	35	1	23.64	21.45	0.140
								75	0	1	23.81	21.62	0.145
								1	0	1	23.84	21.65	0.146
16QAM	16QAM	16QAM	16QAM	1	37	1	23.72	21.53	0.142				
				1	74	1	23.67	21.48	0.141				
				36	0	2	22.92	20.73	0.118				
				36	18	2	22.72	20.53	0.113				
				36	35	2	22.67	20.48	0.112				
				75	0	2	22.84	20.65	0.116				

NOTE:

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

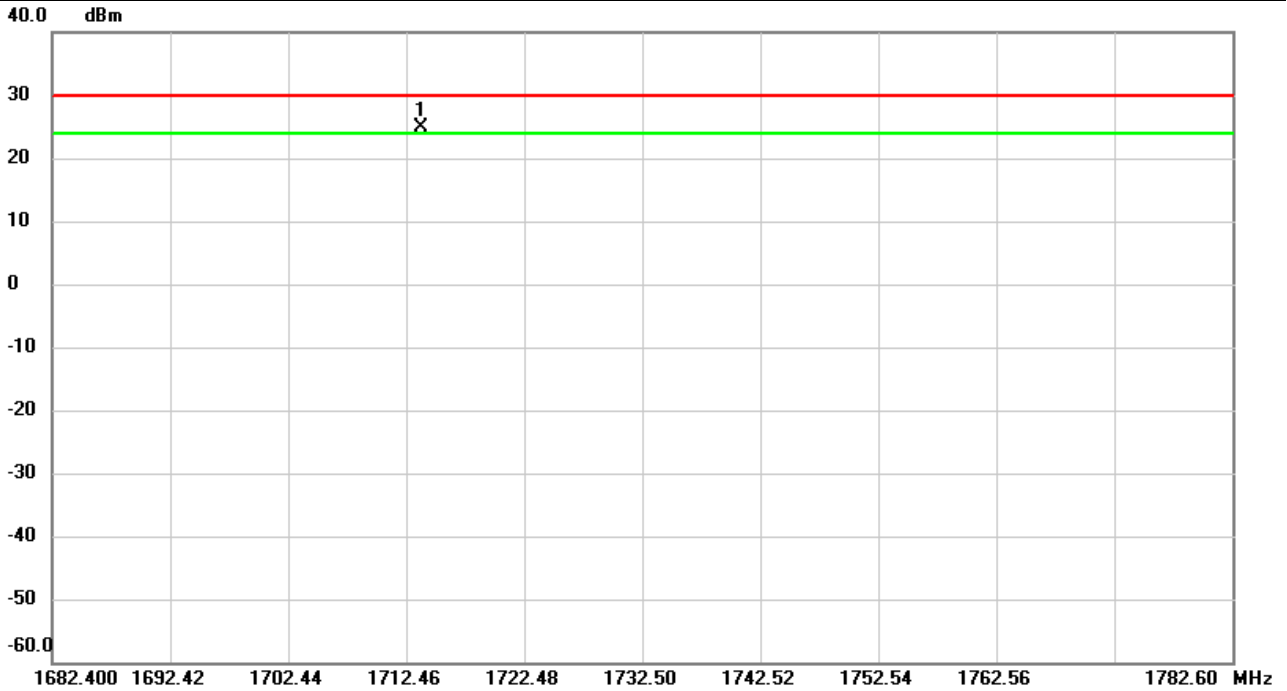
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
Band 71	20M	133222	673.0	QPSK	1	0	0	24.83	22.64	0.184
					1	49	0	24.74	22.55	0.180
					1	99	0	24.66	22.47	0.177
					50	0	1	23.92	21.73	0.149
					50	24	1	23.79	21.60	0.145
					50	49	1	23.73	21.54	0.143
				100	0	1	23.87	21.68	0.147	
				16QAM	1	0	1	23.90	21.71	0.148
					1	49	1	23.82	21.63	0.146
					1	99	1	23.76	21.57	0.144
					50	0	2	22.98	20.79	0.120
					50	24	2	22.82	20.63	0.116
		50	49		2	22.76	20.57	0.114		
		100	0	2	22.90	20.71	0.118			
		133297	680.5	QPSK	1	0	0	24.87	22.68	0.185
					1	49	0	24.77	22.58	0.181
					1	99	0	24.69	22.50	0.178
					50	0	1	23.96	21.77	0.150
					50	24	1	23.82	21.63	0.146
					50	49	1	23.76	21.57	0.144
				100	0	1	23.91	21.72	0.149	
				16QAM	1	0	1	23.94	21.75	0.150
					1	49	1	23.85	21.66	0.147
					1	99	1	23.79	21.60	0.145
					50	0	2	22.96	20.77	0.119
					50	24	2	22.85	20.66	0.116
		50	49		2	22.79	20.60	0.115		
		100	0	2	22.94	20.75	0.119			
		133372	688.0	QPSK	1	0	0	24.85	22.66	0.185
					1	49	0	24.72	22.53	0.179
					1	99	0	24.65	22.46	0.176
					50	0	1	23.94	21.75	0.150
					50	24	1	23.77	21.58	0.144
					50	49	1	23.72	21.53	0.142
				100	0	1	23.89	21.70	0.148	
				16QAM	1	0	1	23.92	21.73	0.149
1	49				1	23.80	21.61	0.145		
1	99				1	23.75	21.56	0.143		
50	0				2	22.94	20.75	0.119		
50	24				2	22.80	20.61	0.115		
50	49	2	22.75		20.56	0.114				
100	0	2	22.92	20.73	0.118					

NOTE:

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

Radiated EIRP Power:

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1312	Polarization	Vertical
Temp	21°C	Hum.	64%

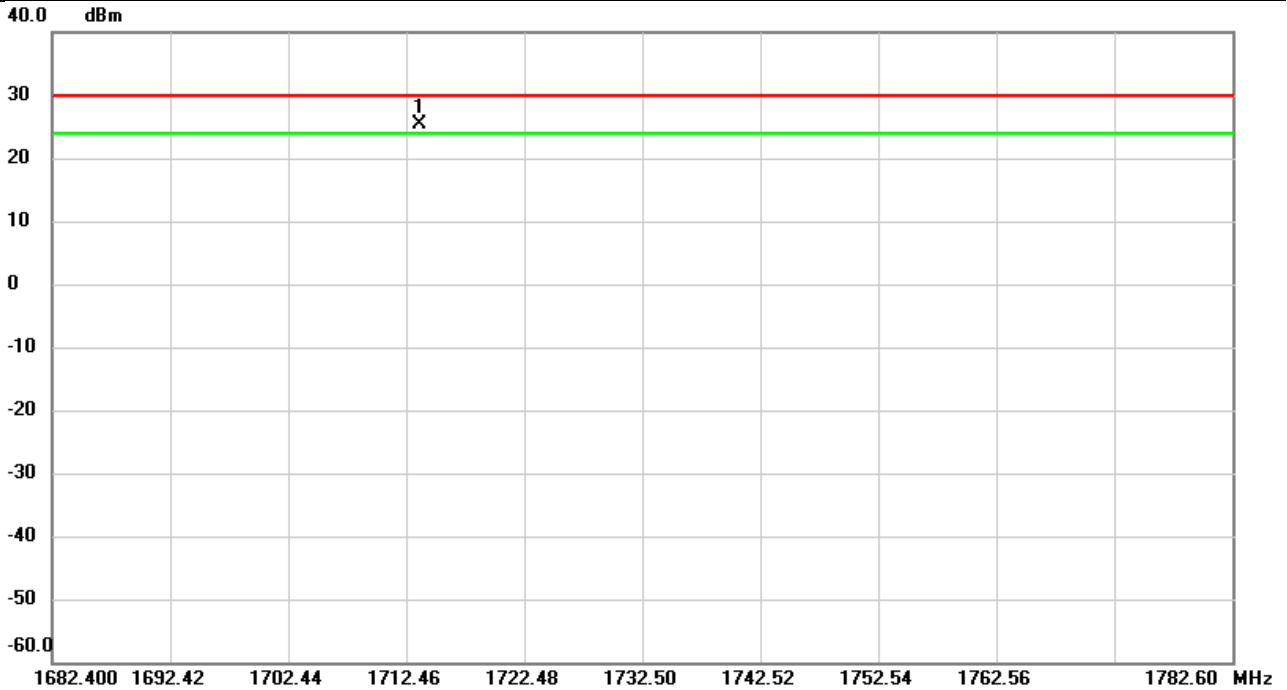


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1713.726	-14.19	39.13	24.94	30.00	-5.06	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1312	Polarization	Horizontal
Temp	21°C	Hum.	64%

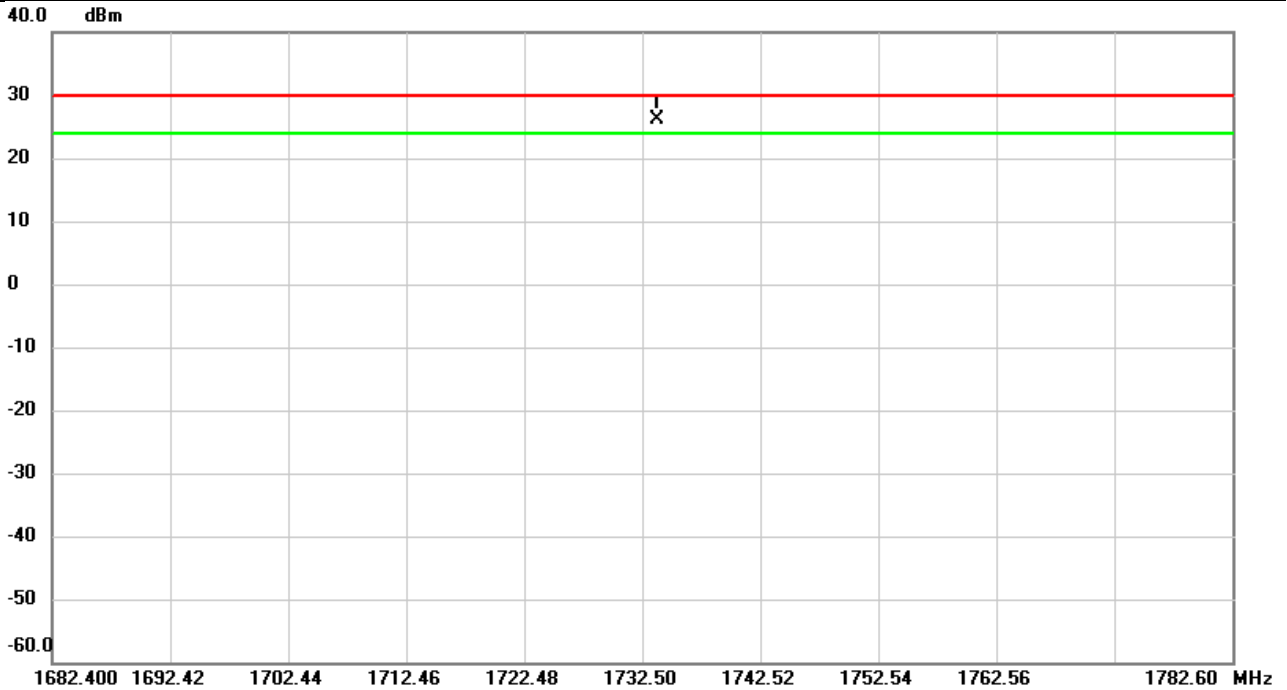


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1713.532	-14.61	39.87	25.26	30.00	-4.74	peak	

REMARKS:

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

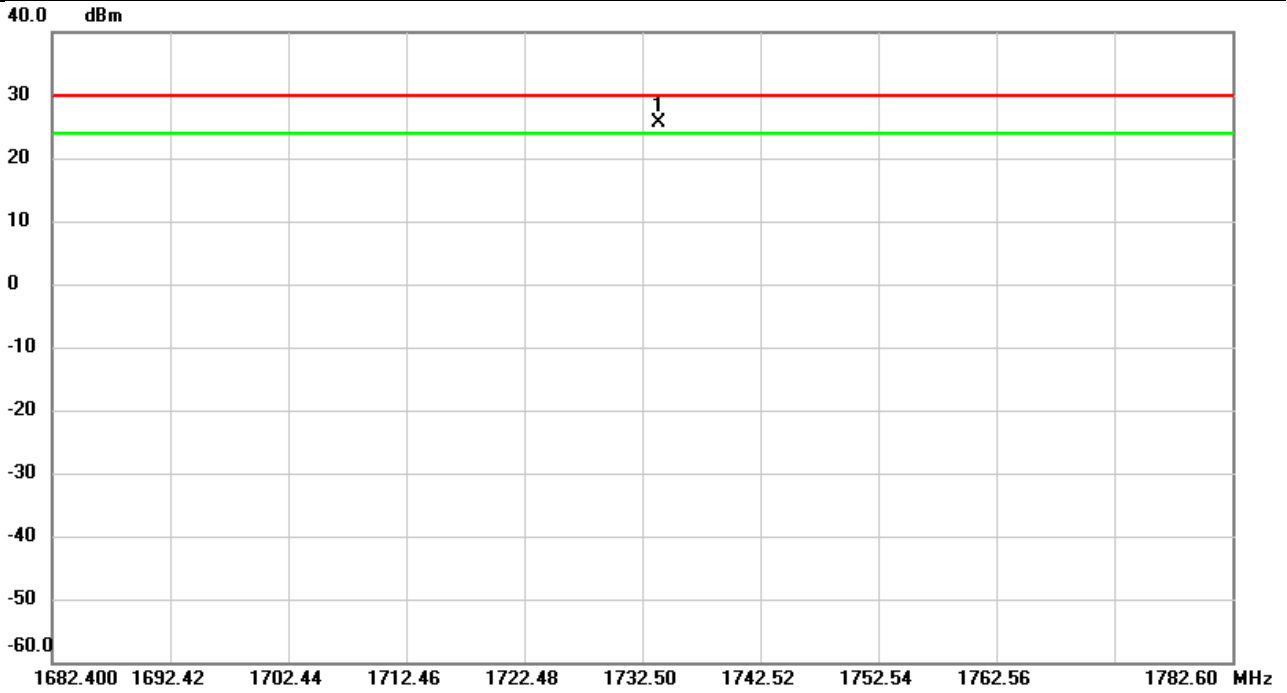
Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1733.726	-13.18	39.21	26.03	30.00	-3.97	peak	

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Horizontal
Temp	21°C	Hum.	64%

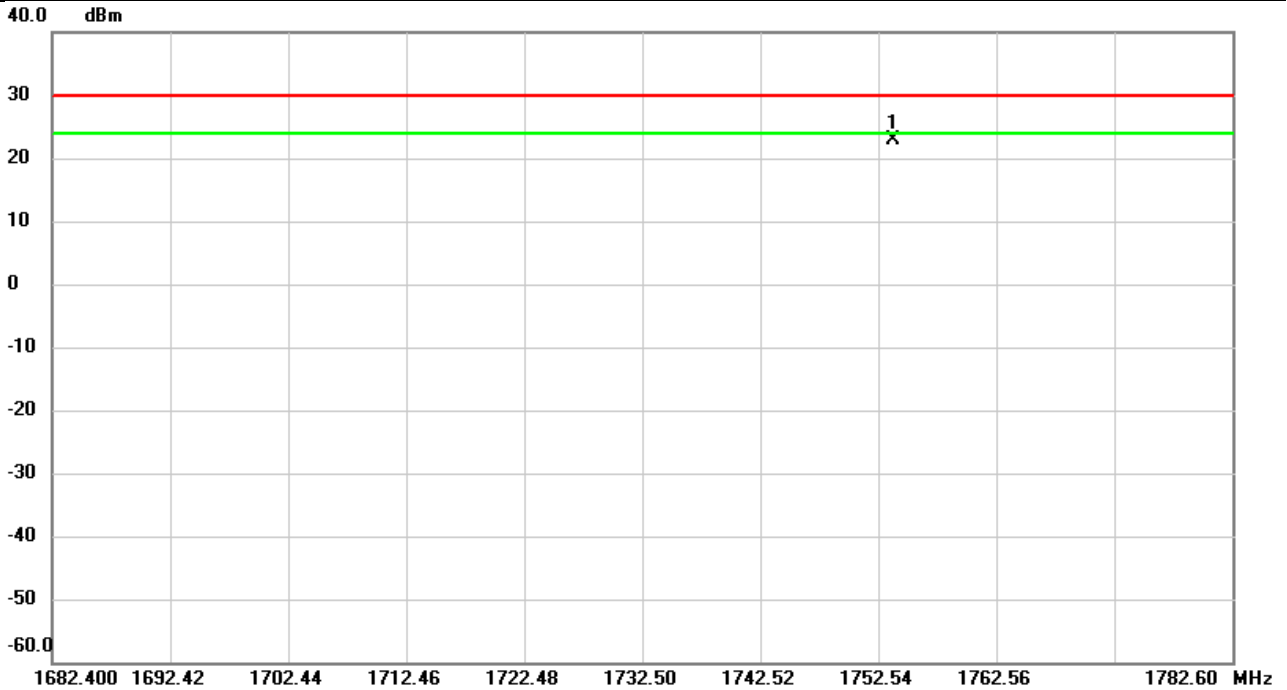


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1733.919	-14.36	39.98	25.62	30.00	-4.38	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1513	Polarization	Vertical
Temp	21°C	Hum.	64%

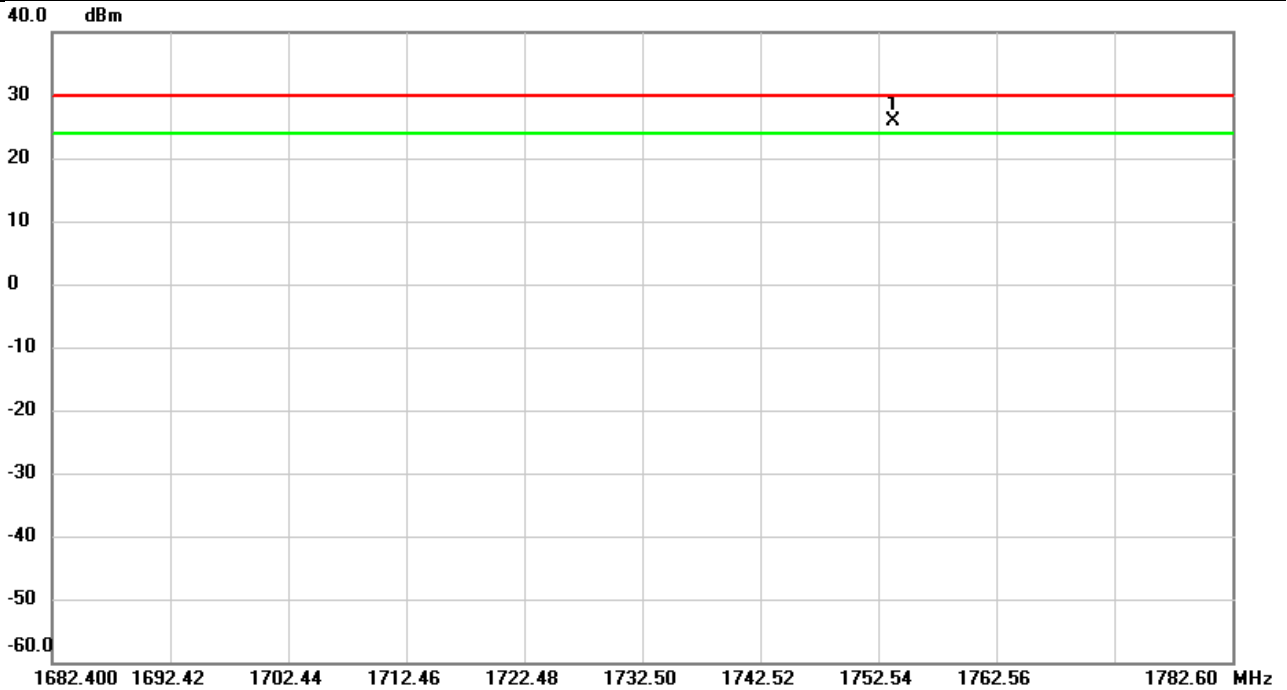


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1753.813	-16.45	39.29	22.84	30.00	-7.16	peak	

REMARKS:

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

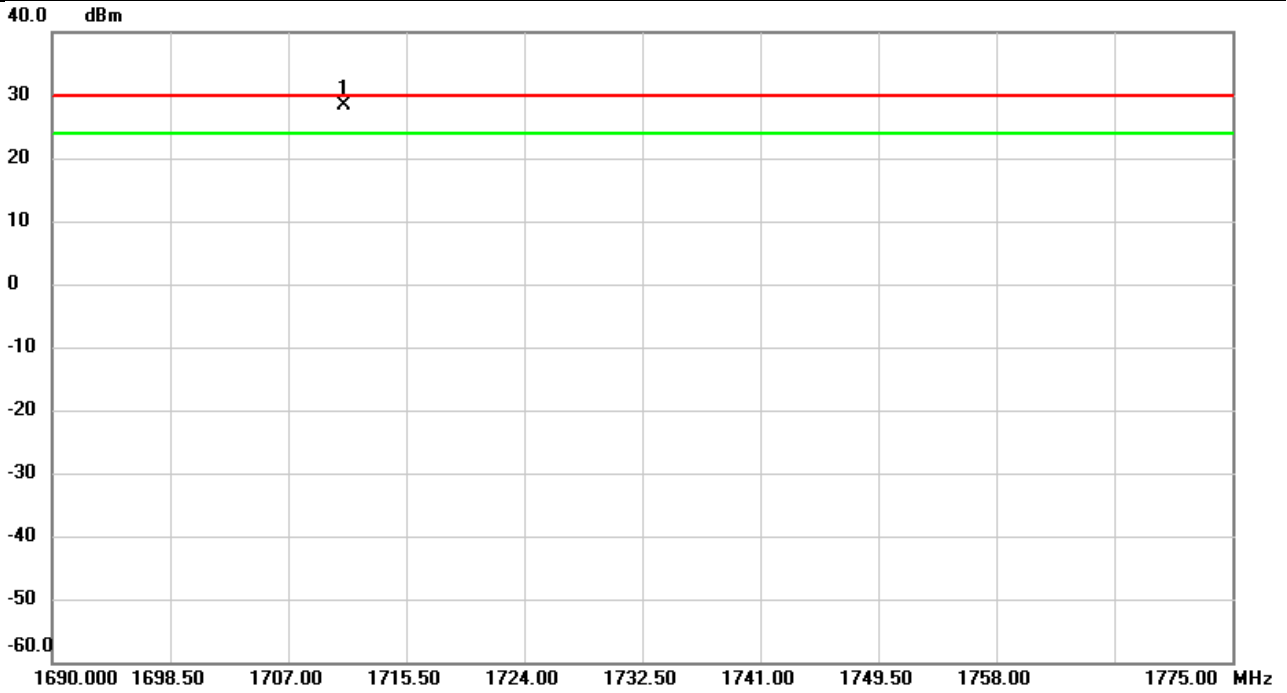
Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1513	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1753.776	-14.14	40.08	25.94	30.00	-4.06	peak	

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20050	Polarization	Vertical
Temp	21°C	Hum.	64%

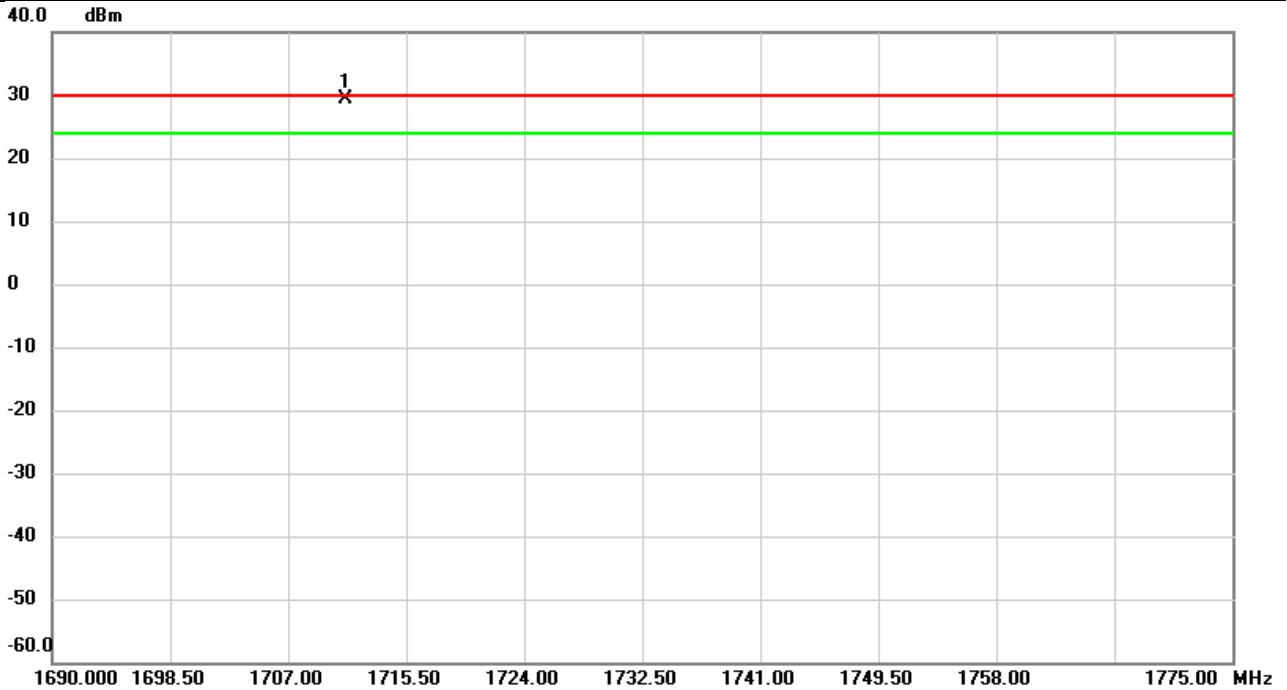


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1711.063	-10.86	39.12	28.26	30.00	-1.74	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20050	Polarization	Horizontal
Temp	21°C	Hum.	64%

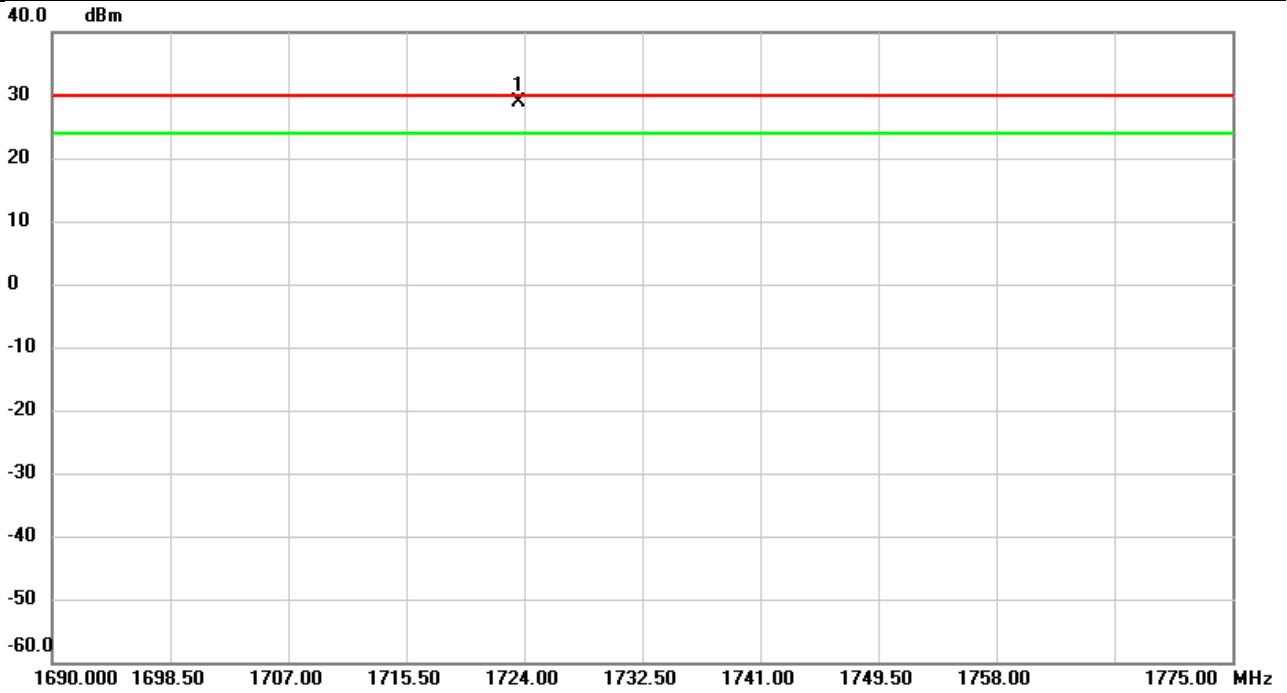


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1711.157	-10.53	39.86	29.33	30.00	-0.67	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20175	Polarization	Vertical
Temp	21°C	Hum.	64%

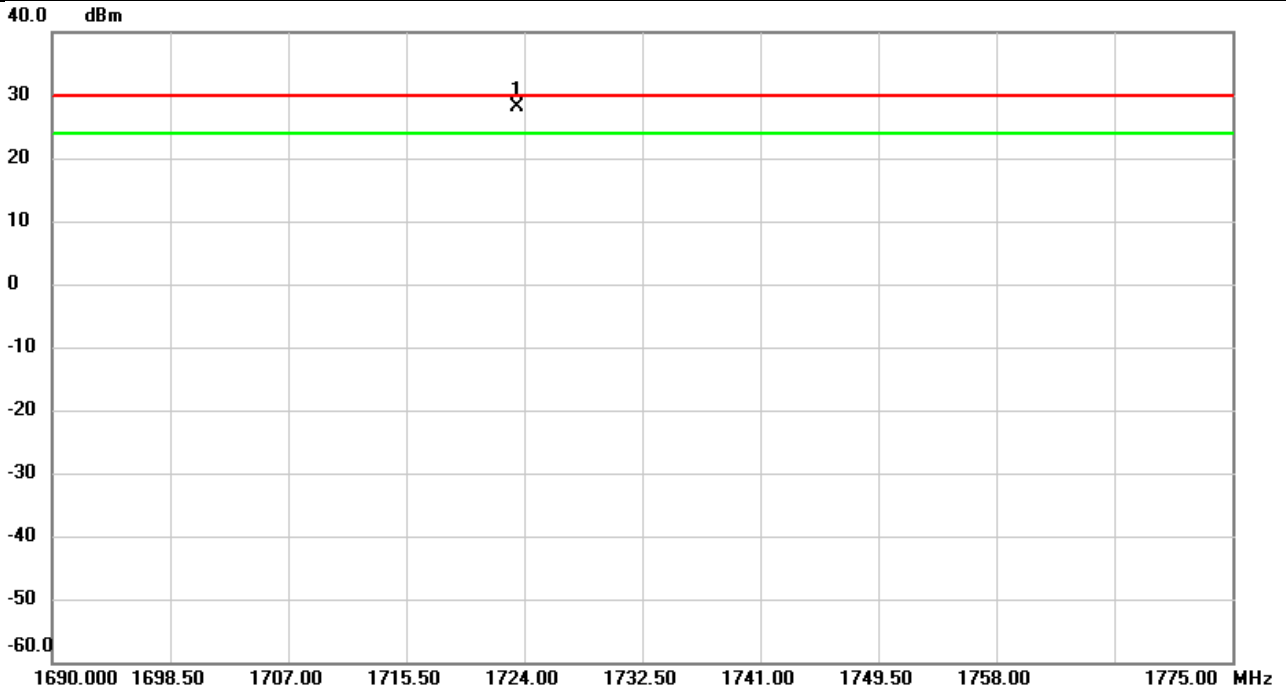


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1723.620	-10.18	39.17	28.99	30.00	-1.01	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20175	Polarization	Horizontal
Temp	21°C	Hum.	64%

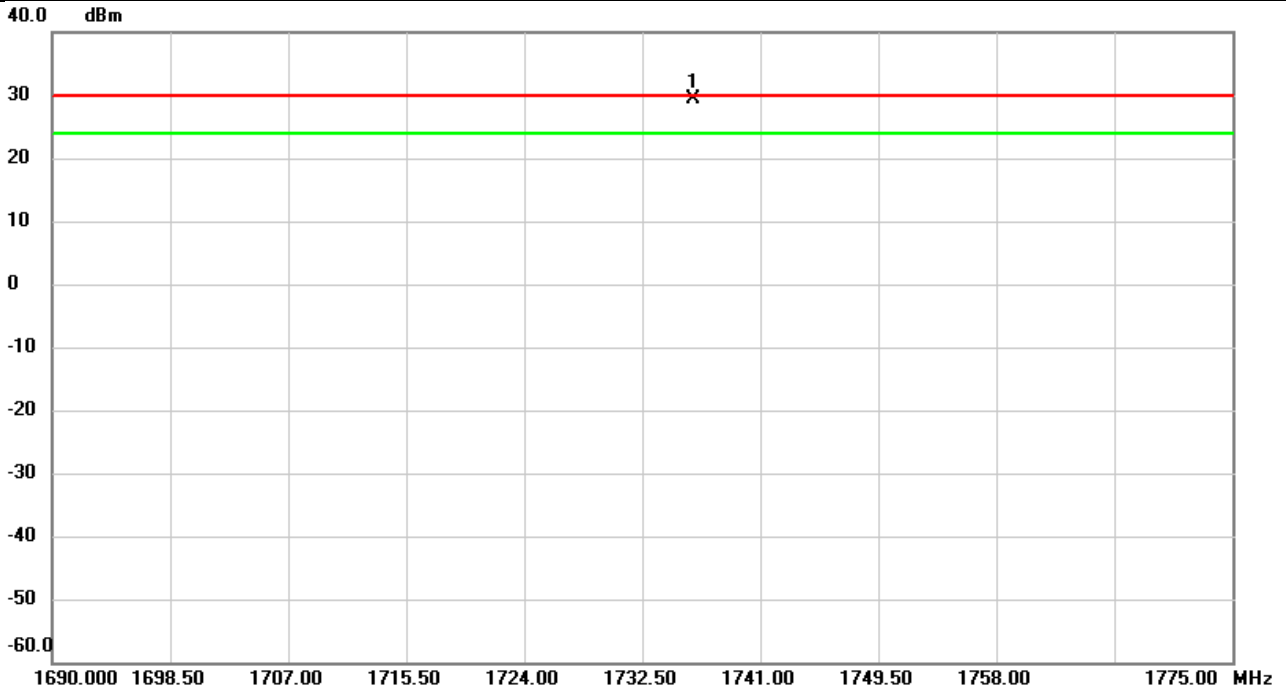


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1723.513	-11.78	39.92	28.14	30.00	-1.86	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20300	Polarization	Vertical
Temp	21°C	Hum.	64%

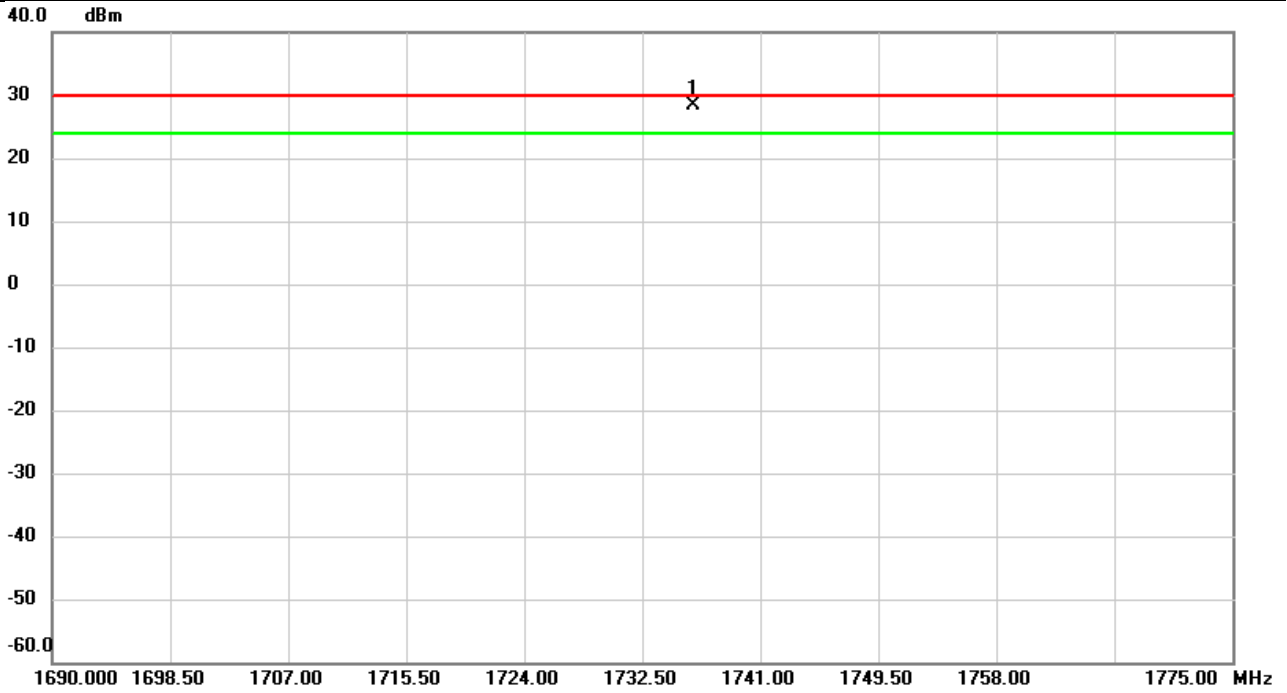


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1736.149	-9.79	39.22	29.43	30.00	-0.57	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20300	Polarization	Horizontal
Temp	21°C	Hum.	64%

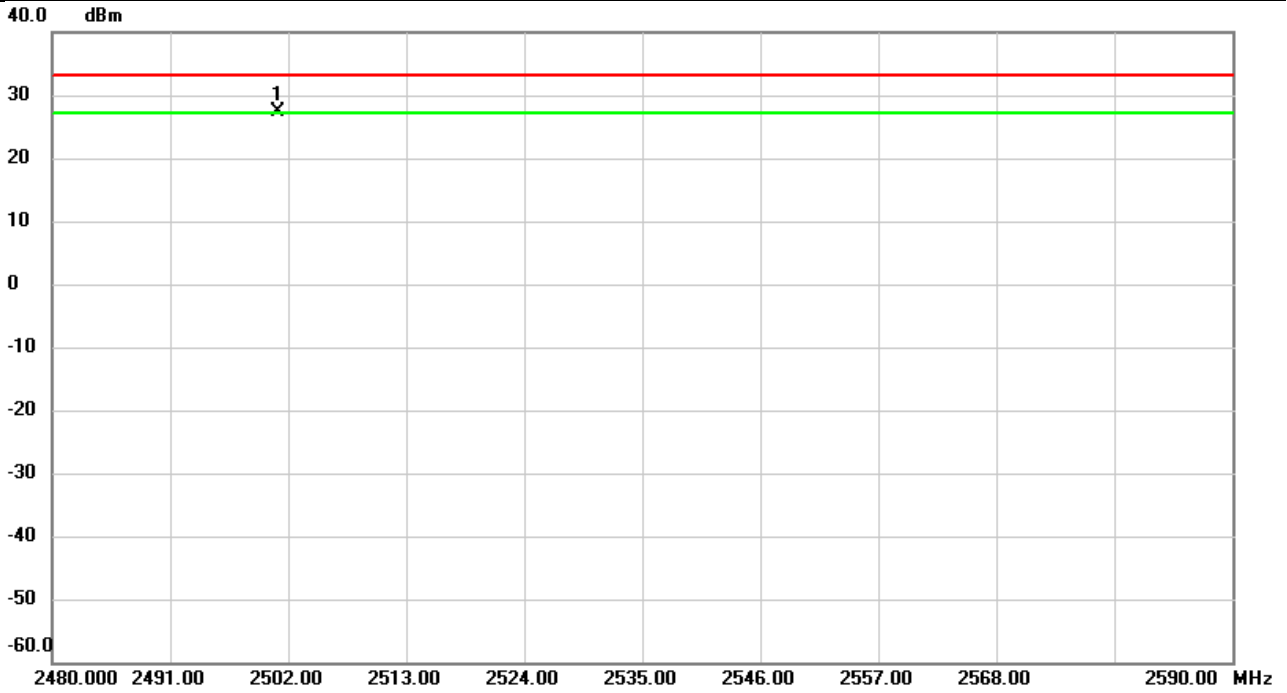


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1736.195	-11.71	39.99	28.28	30.00	-1.72	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH20850	Polarization	Vertical
Temp	21°C	Hum.	64%

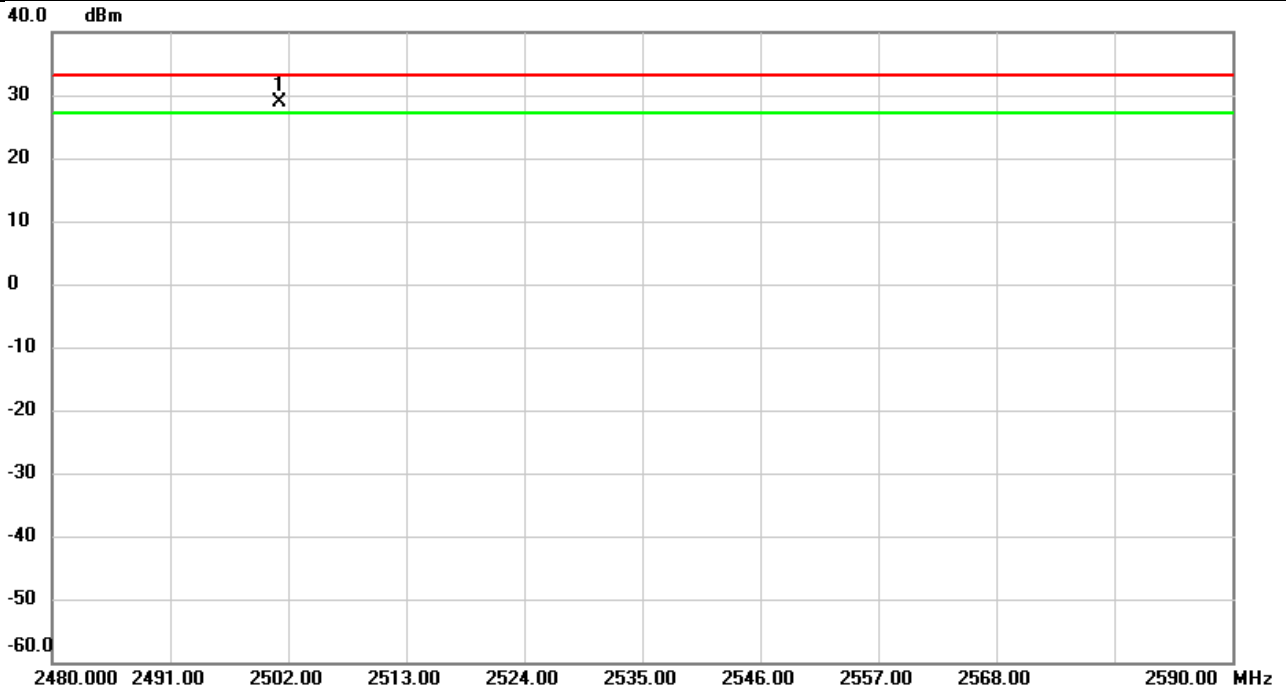


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2501.025	-14.29	41.62	27.33	33.01	-5.68	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH20850	Polarization	Horizontal
Temp	21°C	Hum.	64%

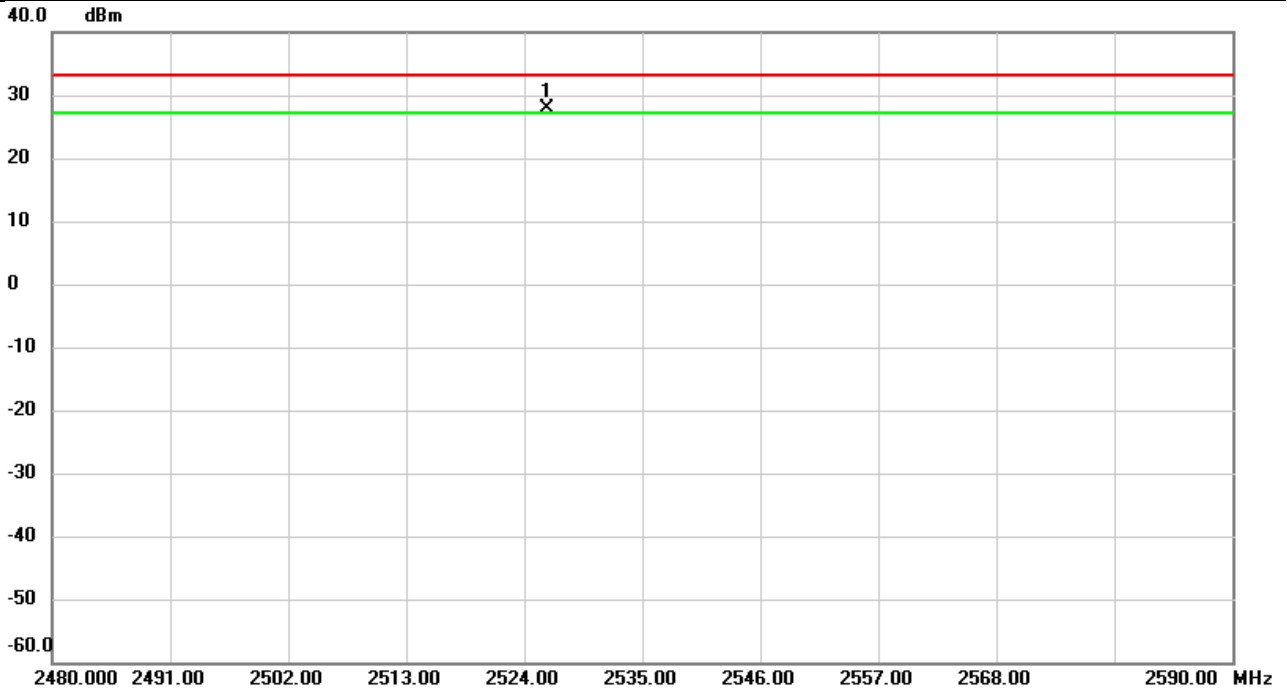


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2501.142	-13.23	42.12	28.89	33.01	-4.12	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH21100	Polarization	Vertical
Temp	21°C	Hum.	64%

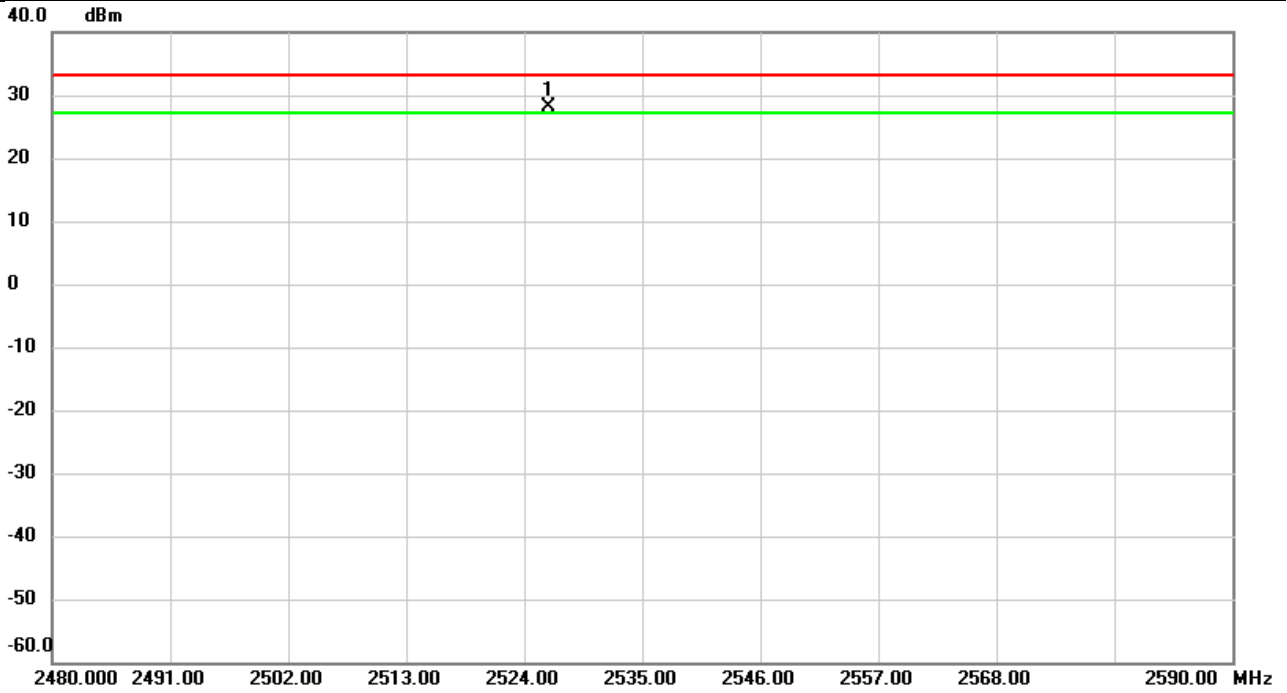


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2526.145	-13.83	41.66	27.83	33.01	-5.18	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH21100	Polarization	Horizontal
Temp	21°C	Hum.	64%

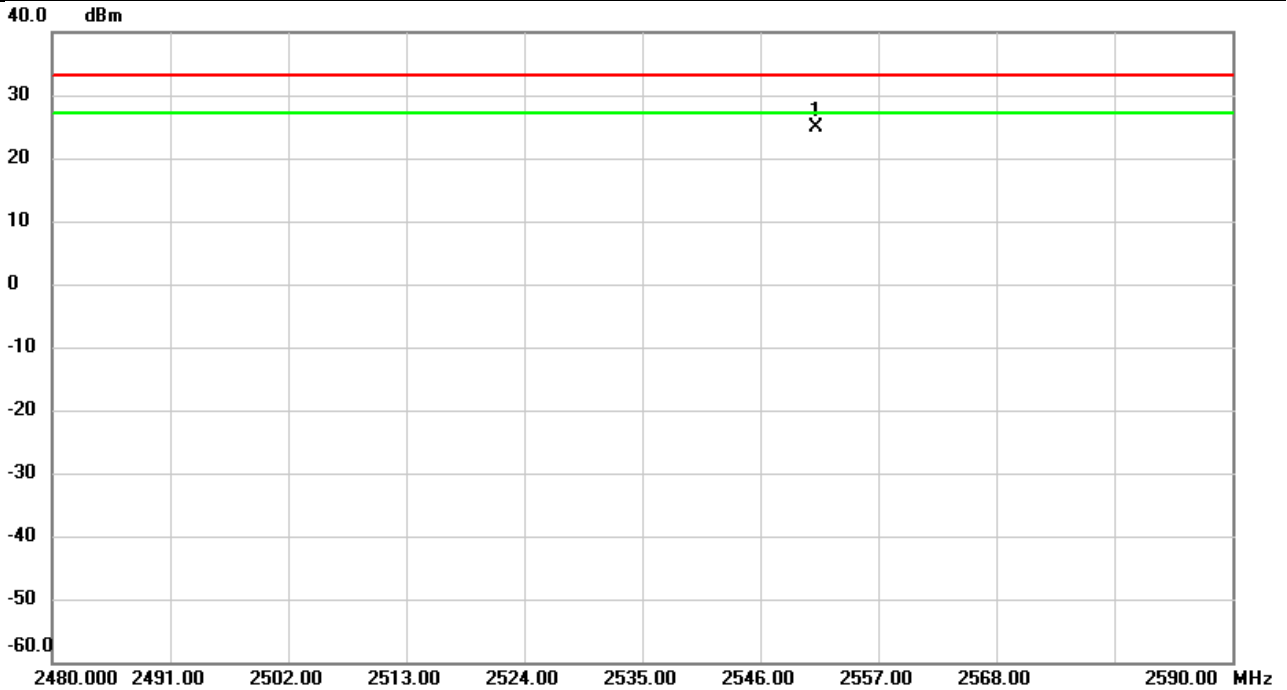


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2526.211	-14.06	42.25	28.19	33.01	-4.82	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH21350	Polarization	Vertical
Temp	21°C	Hum.	64%

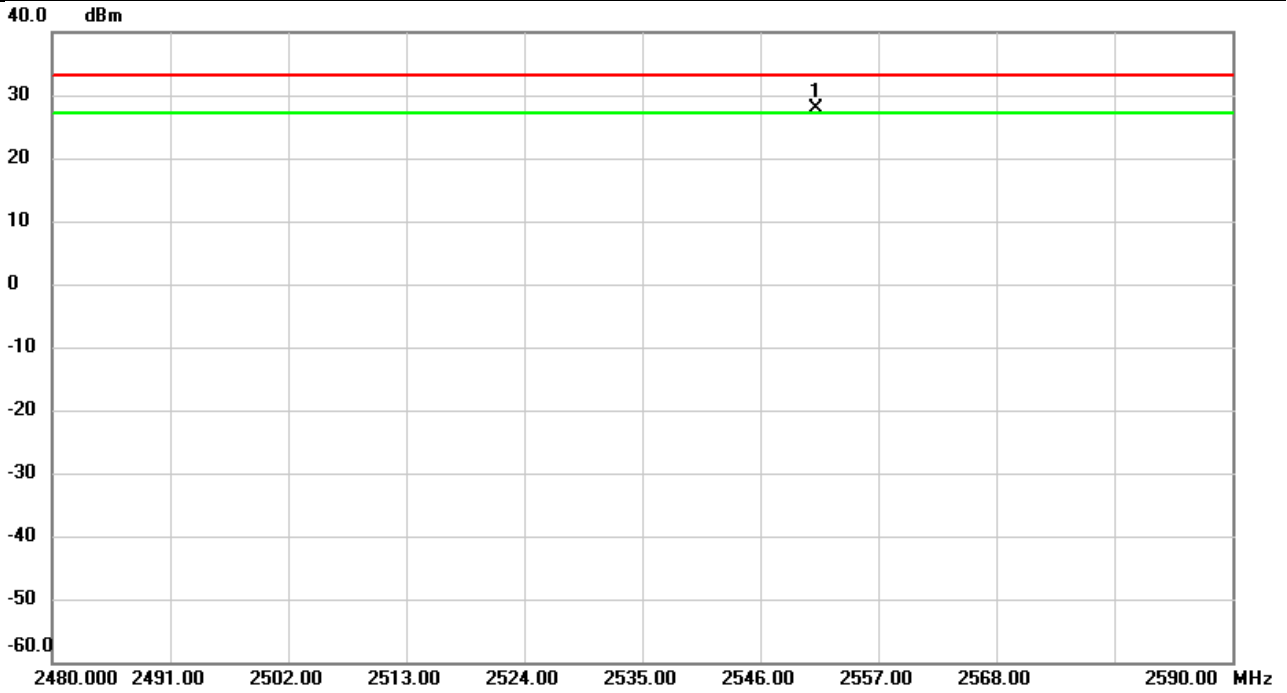


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2551.141	-16.91	41.70	24.79	33.01	-8.22	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/3
Test Channel	CH21350	Polarization	Horizontal
Temp	21°C	Hum.	64%

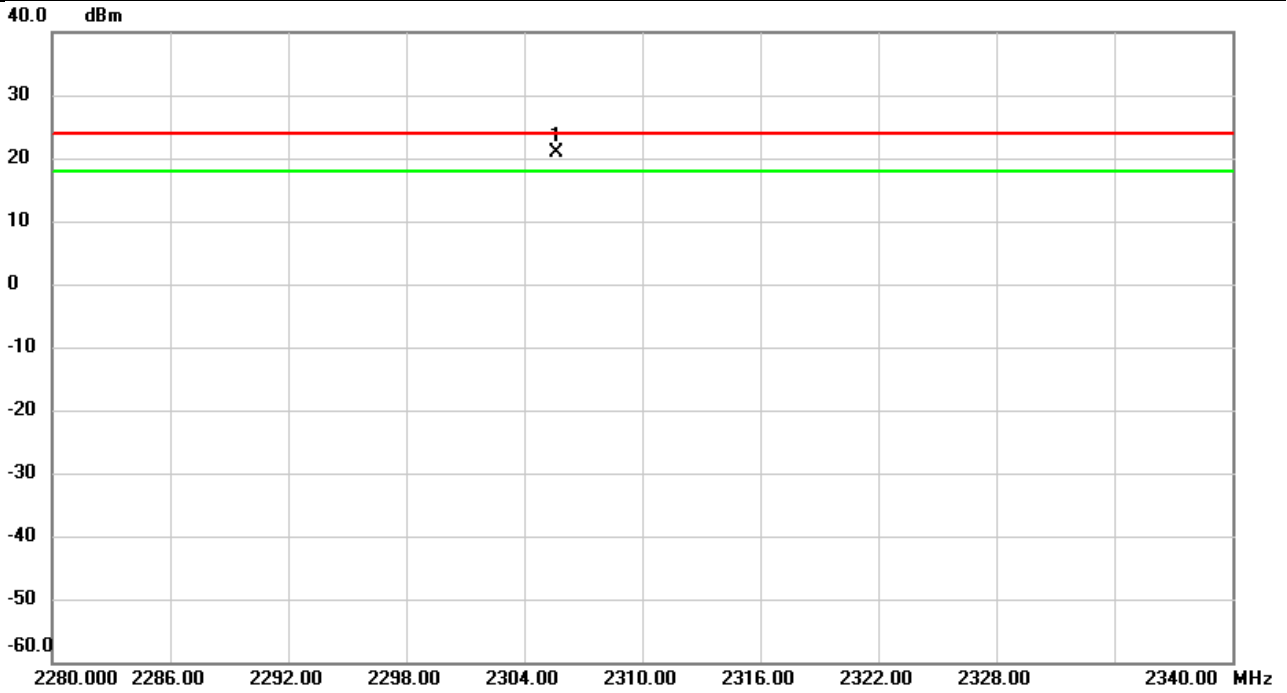


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2551.170	-14.52	42.38	27.86	33.01	-5.15	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/4
Test Channel	CH27710	Polarization	Vertical
Temp	21°C	Hum.	64%

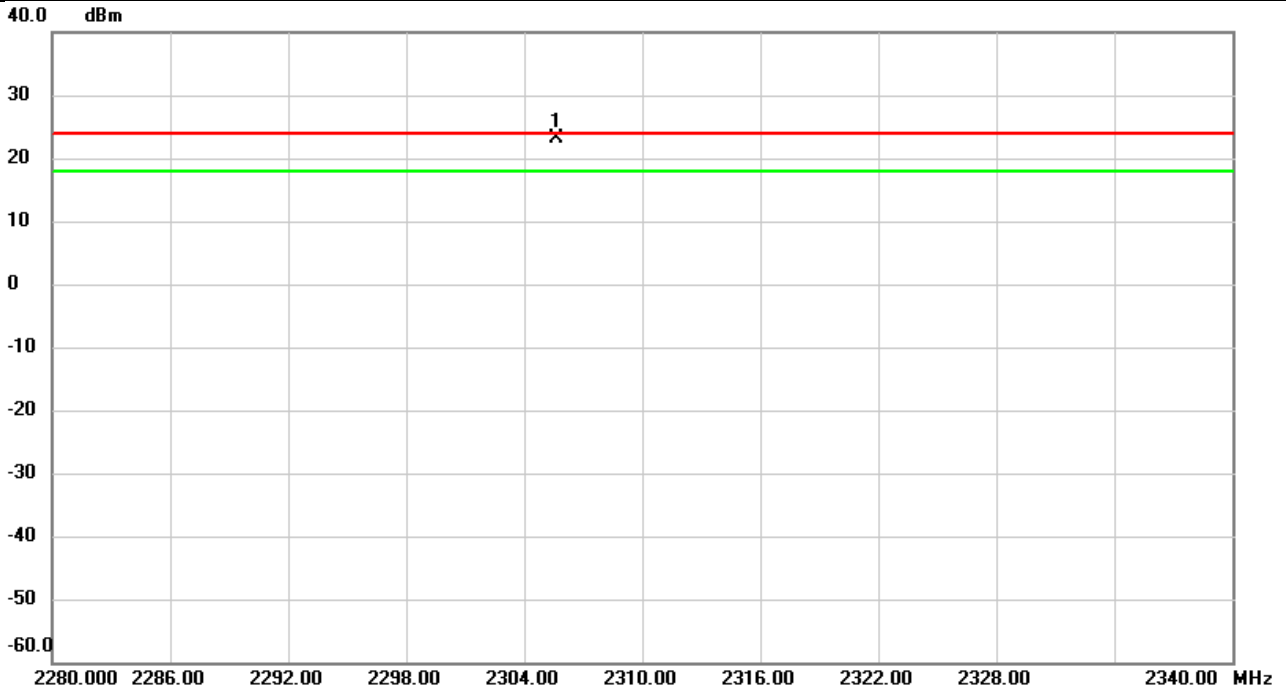


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2305.658	-20.26	41.09	20.83	23.98	-3.15	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/4
Test Channel	CH27710	Polarization	Horizontal
Temp	21°C	Hum.	64%

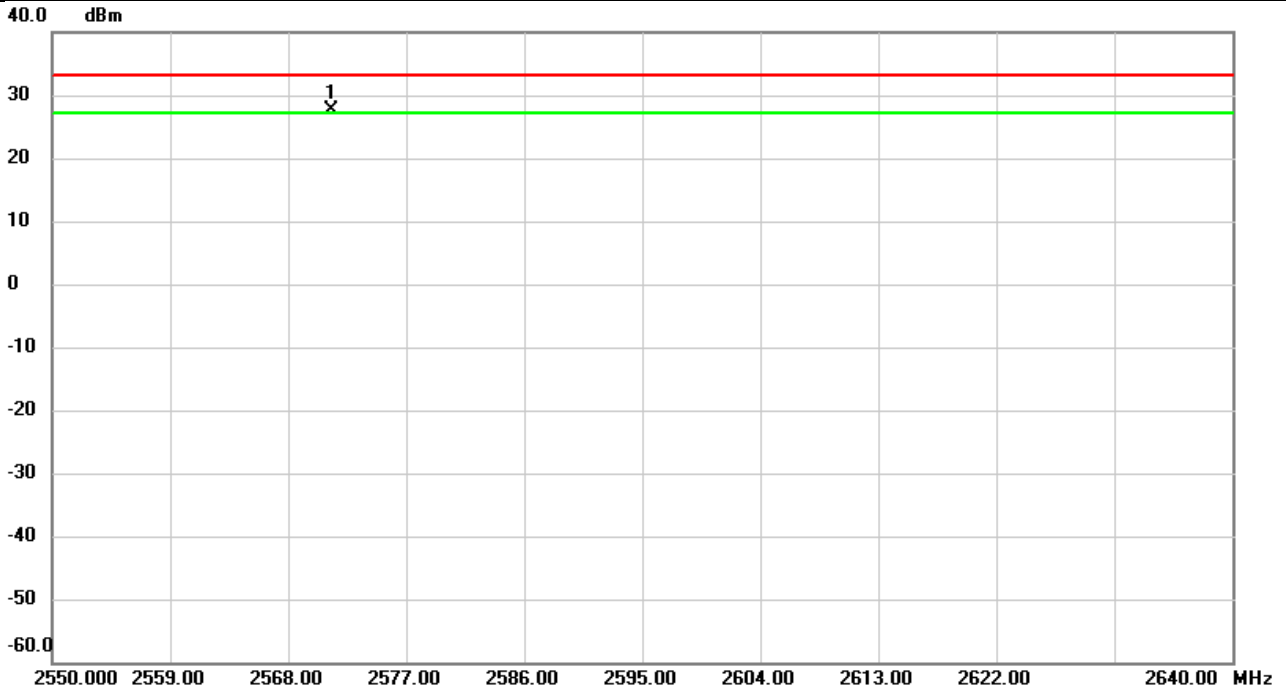


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2305.628	-18.61	41.82	23.21	23.98	-0.77	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37852	Polarization	Vertical
Temp	21°C	Hum.	64%

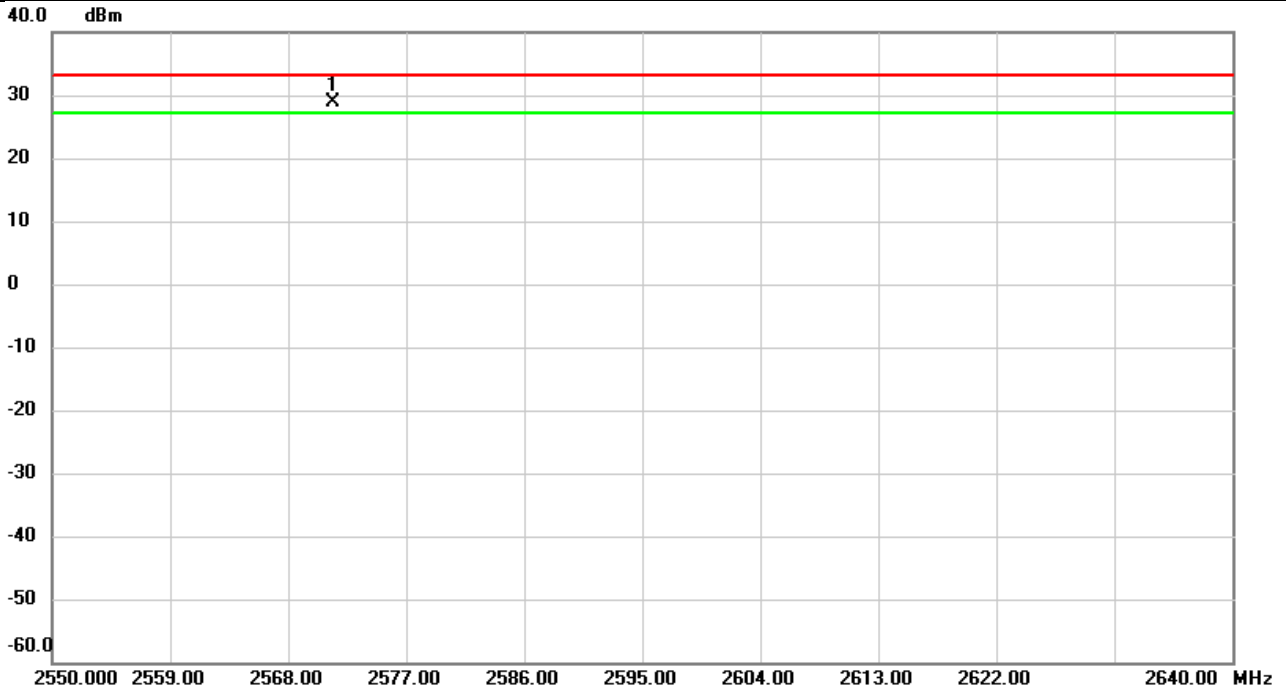


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2571.270	-14.09	41.73	27.64	33.01	-5.37	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37852	Polarization	Horizontal
Temp	21°C	Hum.	64%

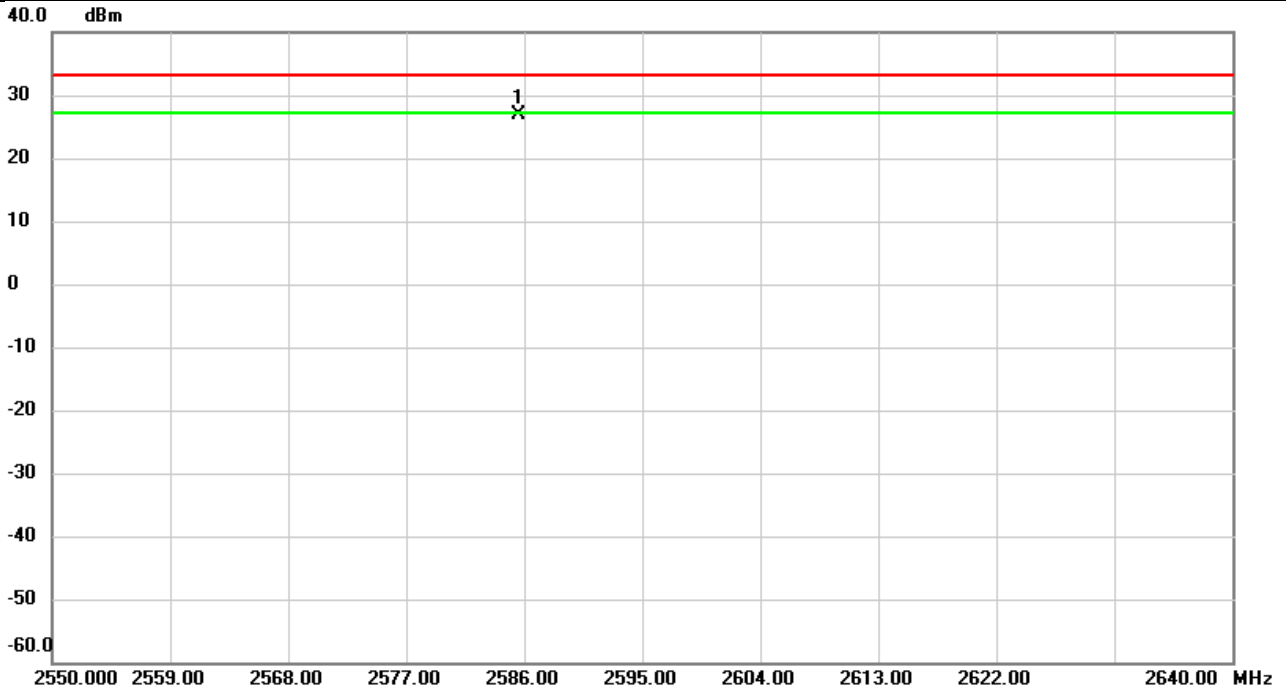


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2571.363	-13.69	42.48	28.79	33.01	-4.22	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37997	Polarization	Vertical
Temp	21°C	Hum.	64%

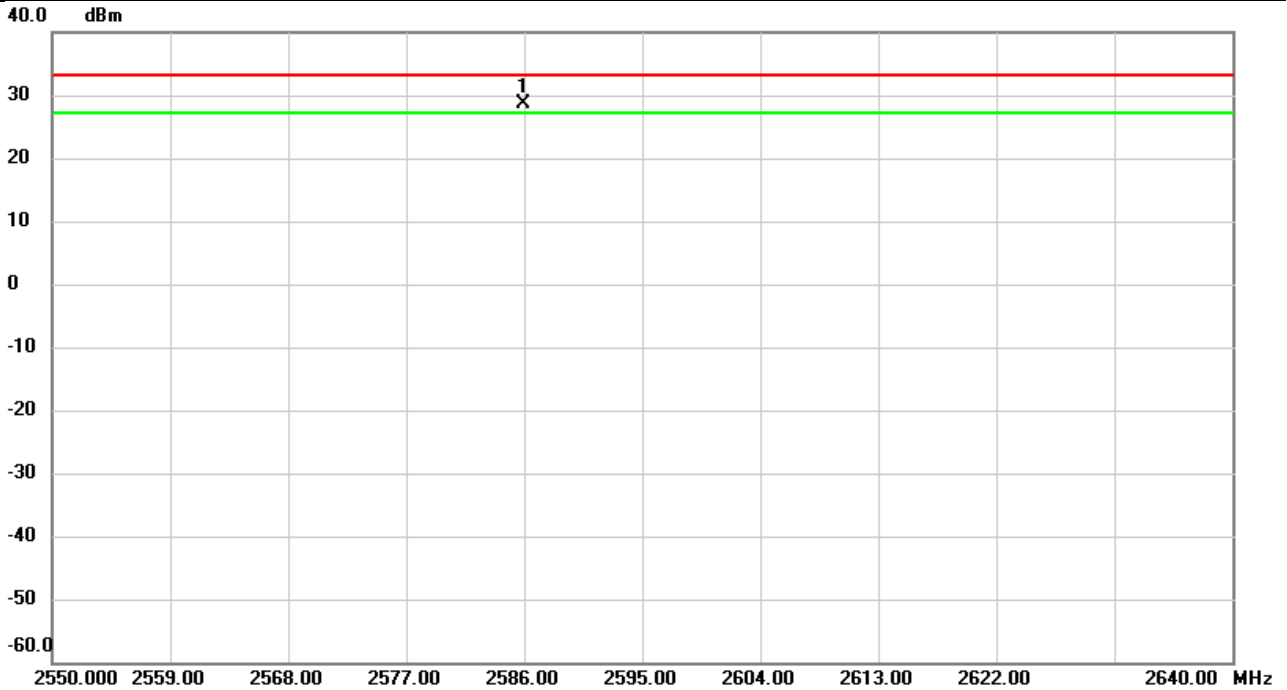


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2585.628	-14.93	41.75	26.82	33.01	-6.19	peak	

REMARKS:

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

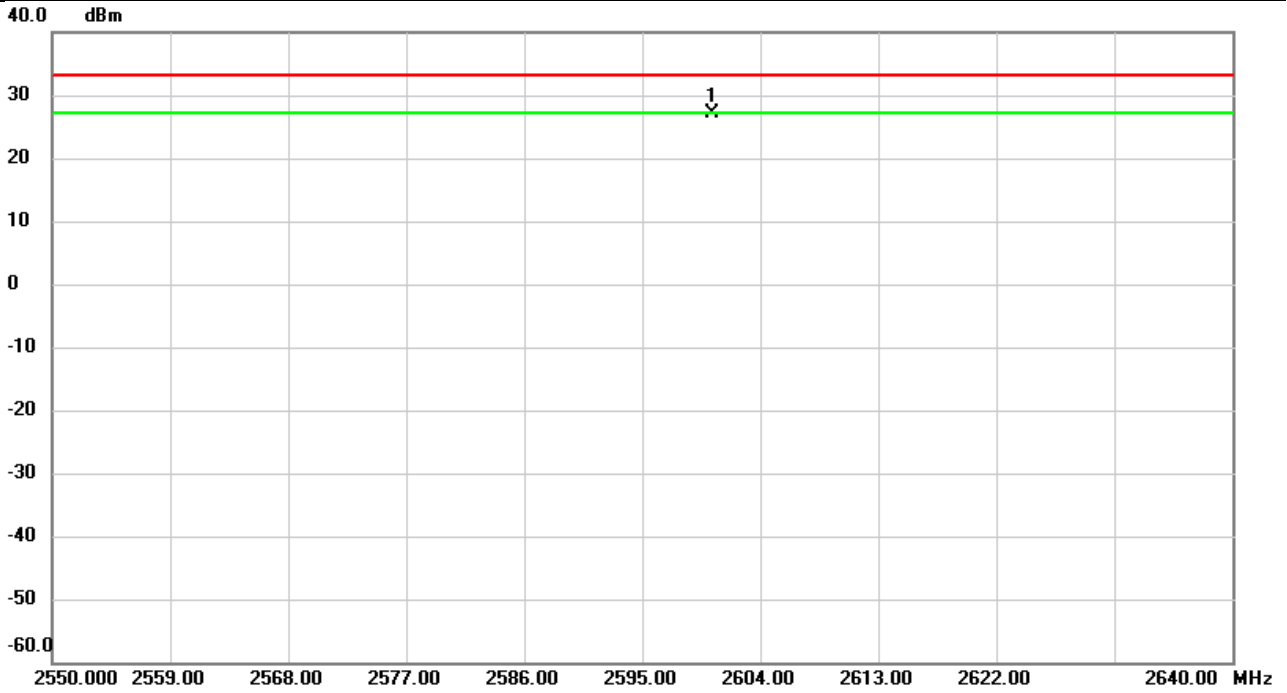
Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37997	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	2585.910	-13.92	42.56	28.64	33.01	-4.37	peak	

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH38142	Polarization	Vertical
Temp	21°C	Hum.	64%

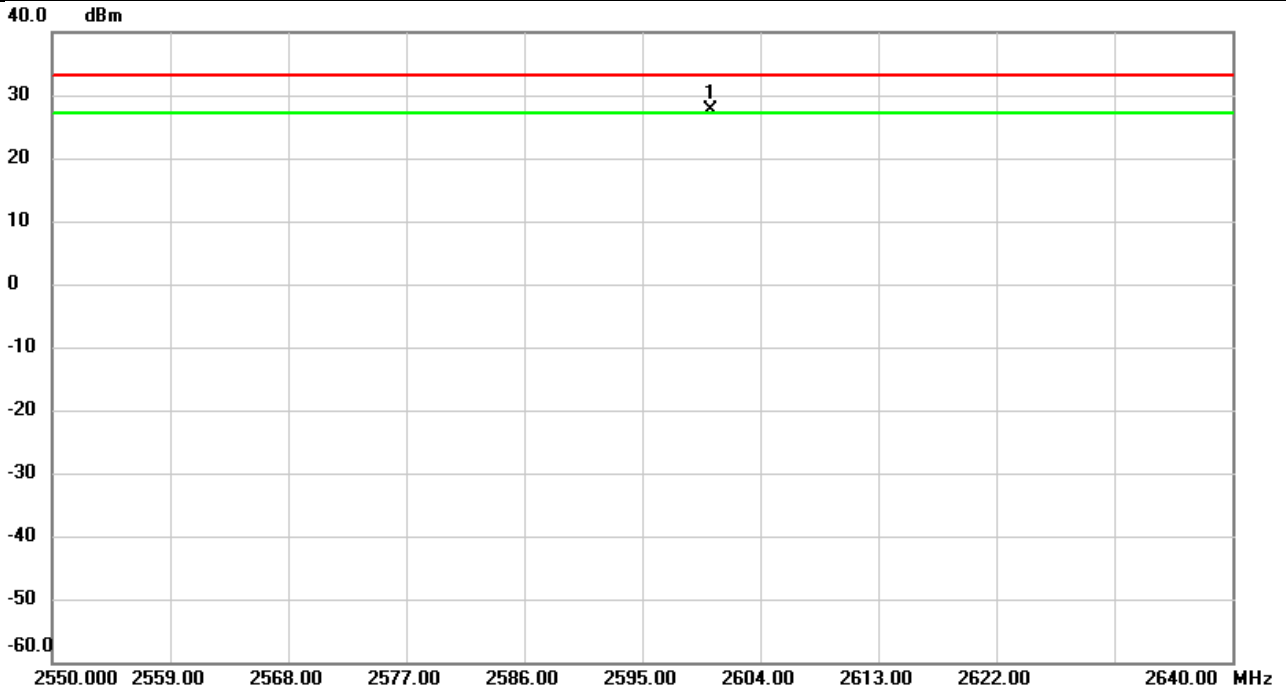


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2600.331	-14.73	41.77	27.04	33.01	-5.97	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH38142	Polarization	Horizontal
Temp	21°C	Hum.	64%

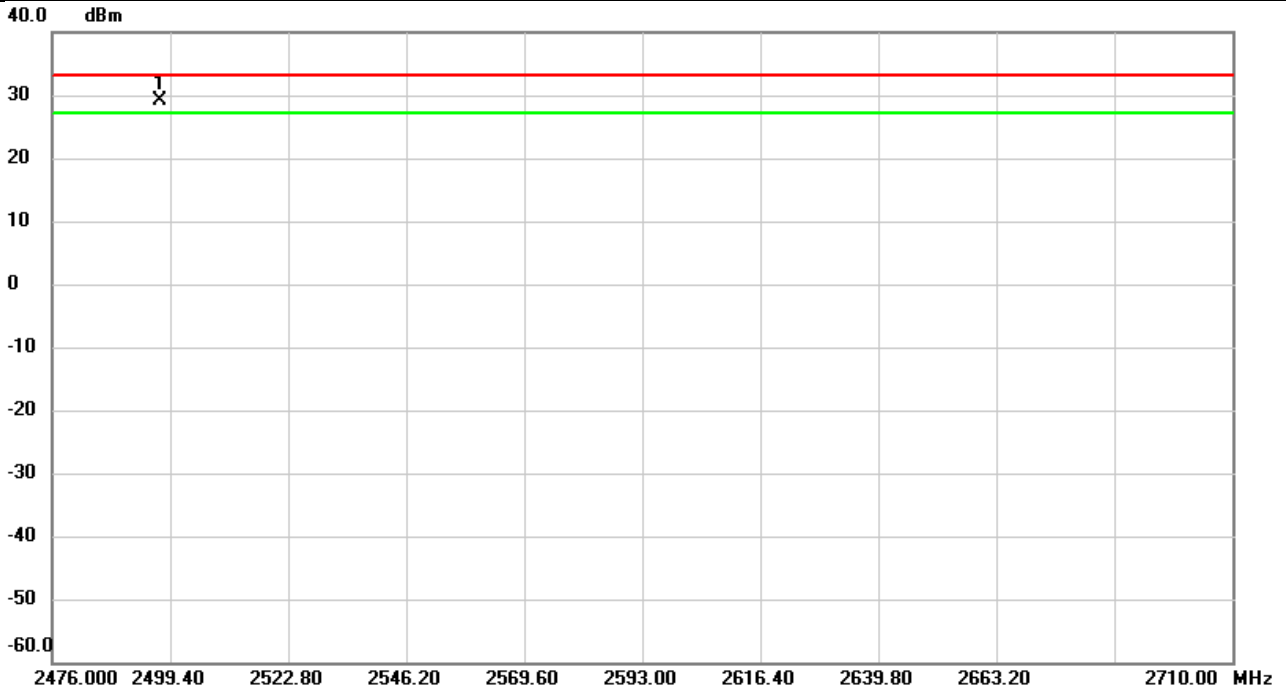


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2600.187	-15.03	42.63	27.60	33.01	-5.41	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH39750	Polarization	Vertical
Temp	21°C	Hum.	64%

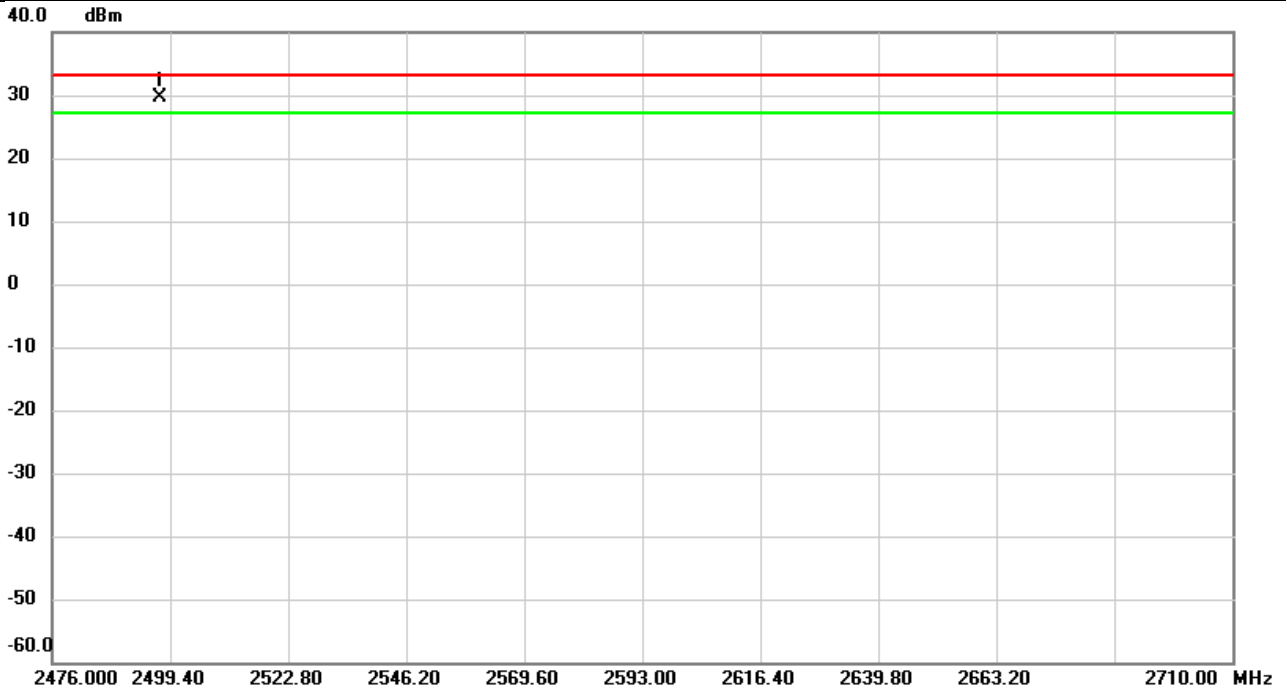


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2497.247	-12.40	41.61	29.21	33.01	-3.80	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH39750	Polarization	Horizontal
Temp	21°C	Hum.	64%

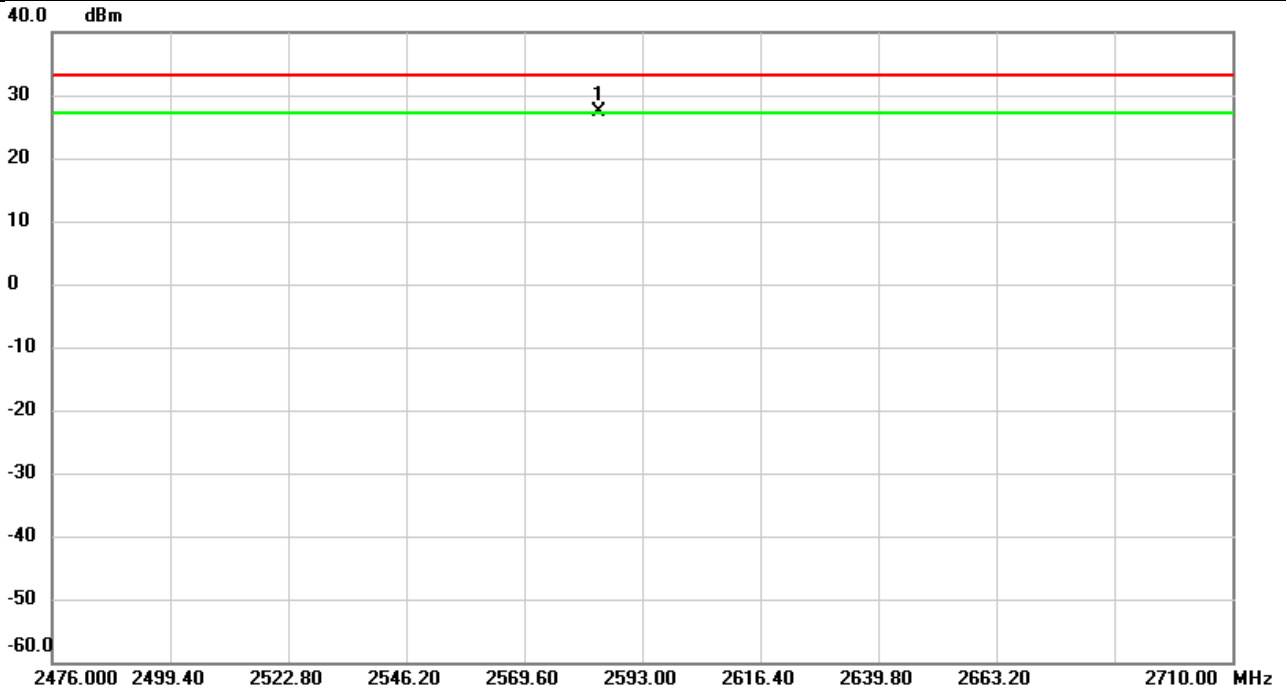


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	2497.271	-12.37	42.11	29.74	33.01	-3.27	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	64%

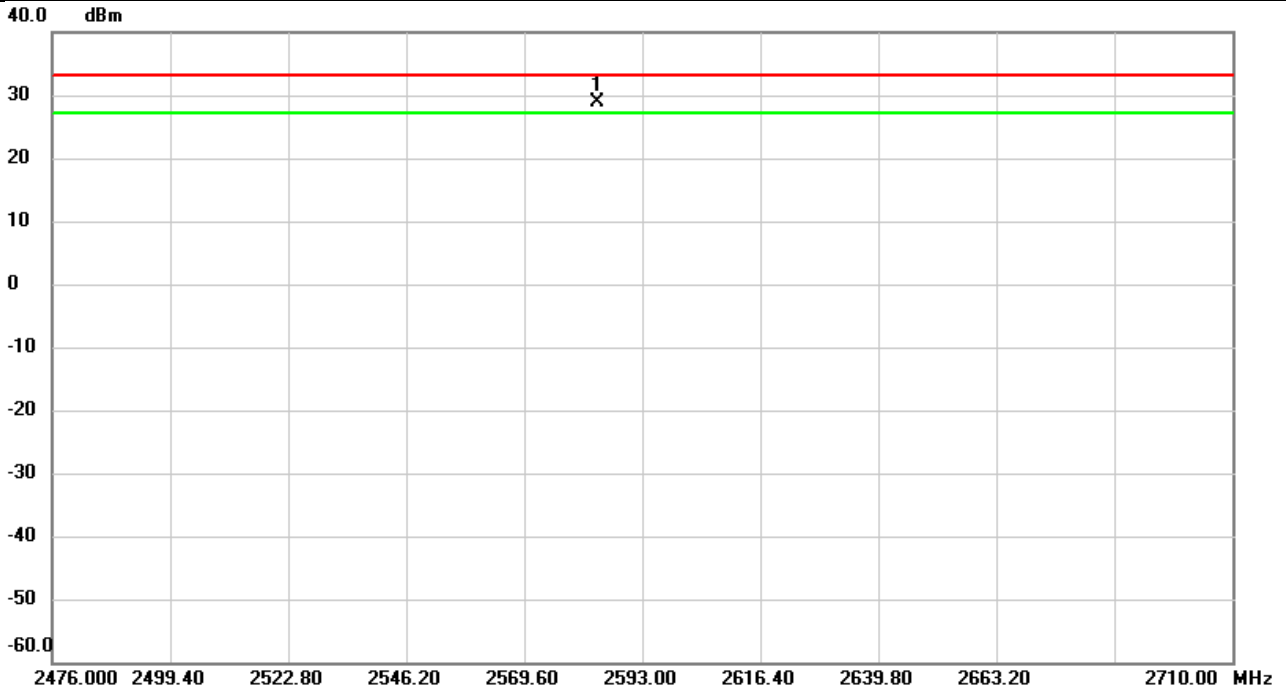


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2584.381	-14.48	41.75	27.27	33.01	-5.74	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	64%

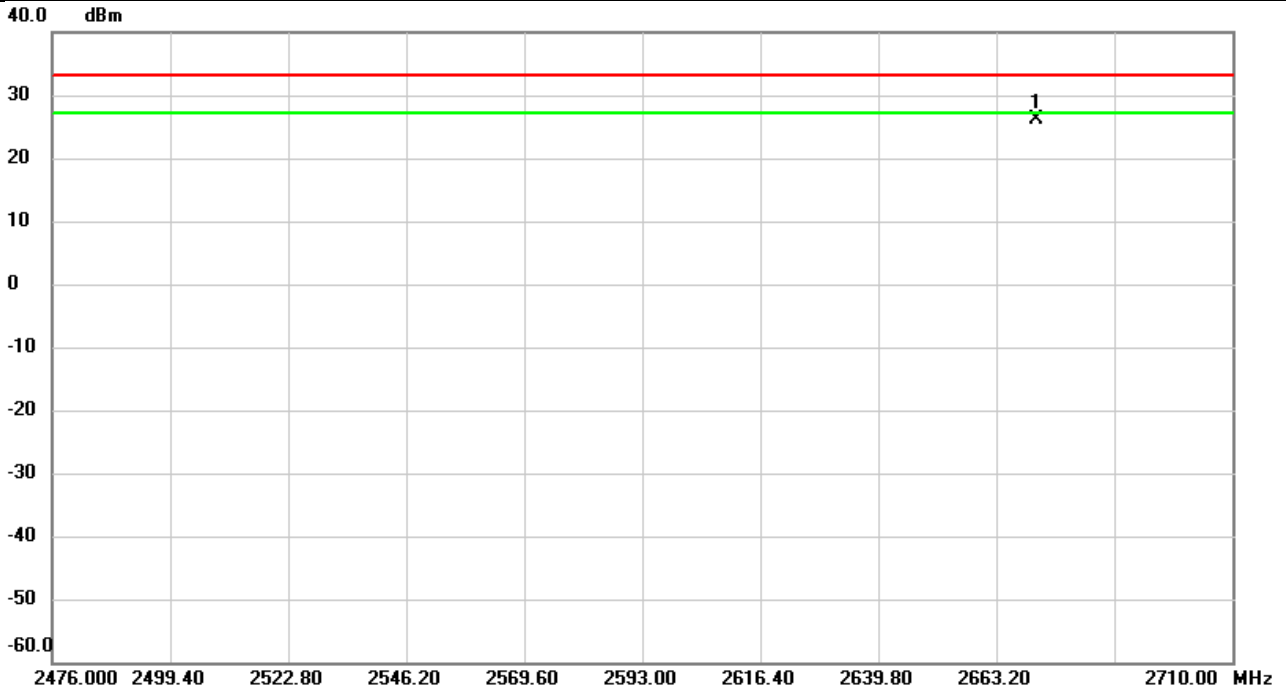


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2584.124	-13.72	42.55	28.83	33.01	-4.18	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH41490	Polarization	Vertical
Temp	21°C	Hum.	64%

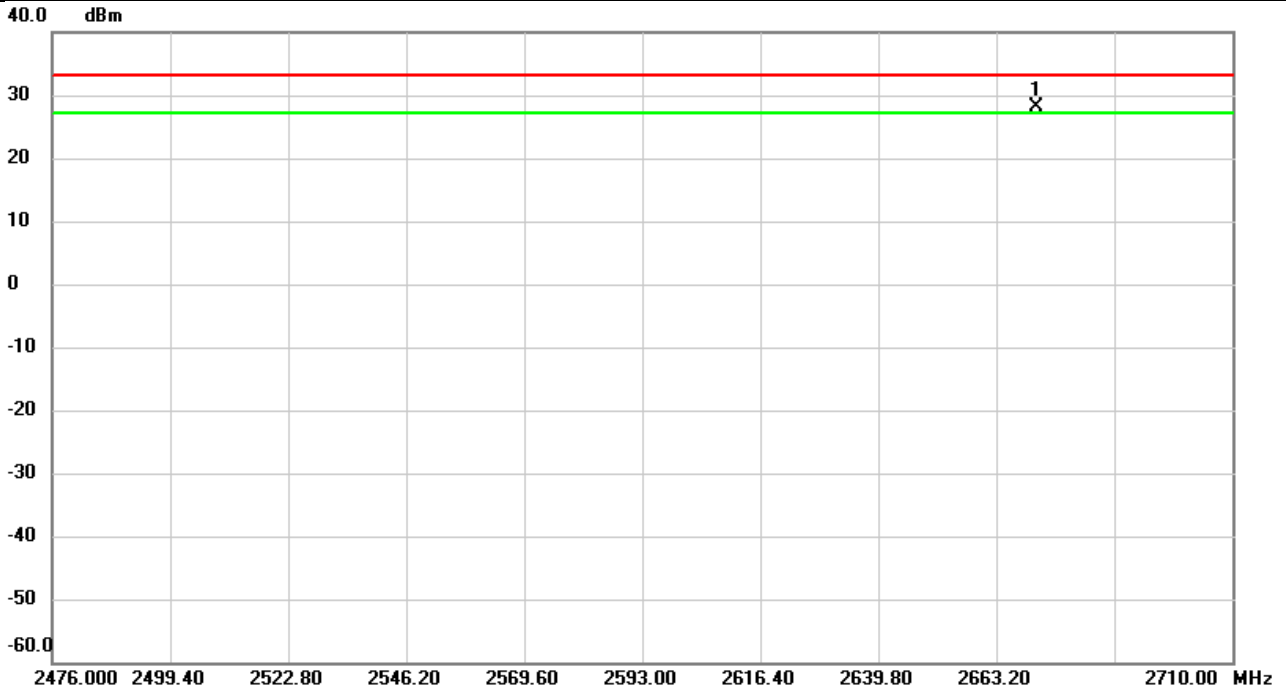


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	2671.094	-15.85	41.88	26.03	33.01	-6.98	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH41490	Polarization	Horizontal
Temp	21°C	Hum.	64%

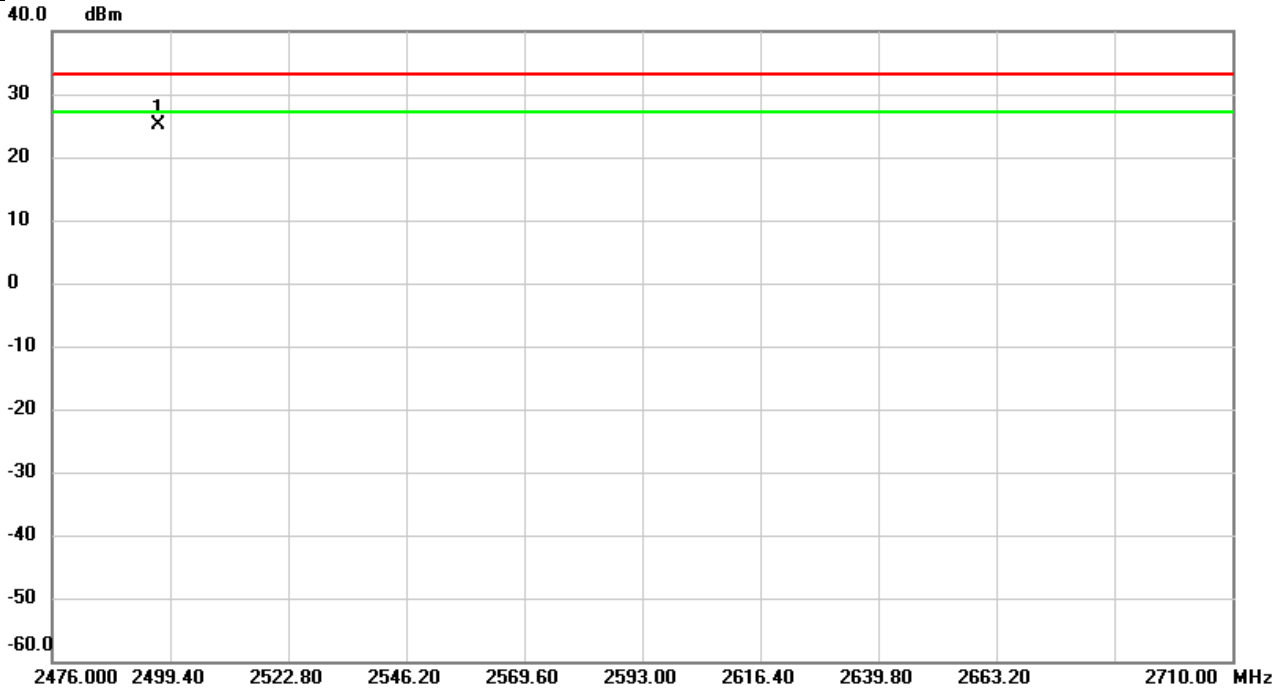


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	2671.195	-14.96	43.00	28.04	33.01	-4.97	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH39750	Polarization	Vertical
Temp	22°C	Hum.	65%

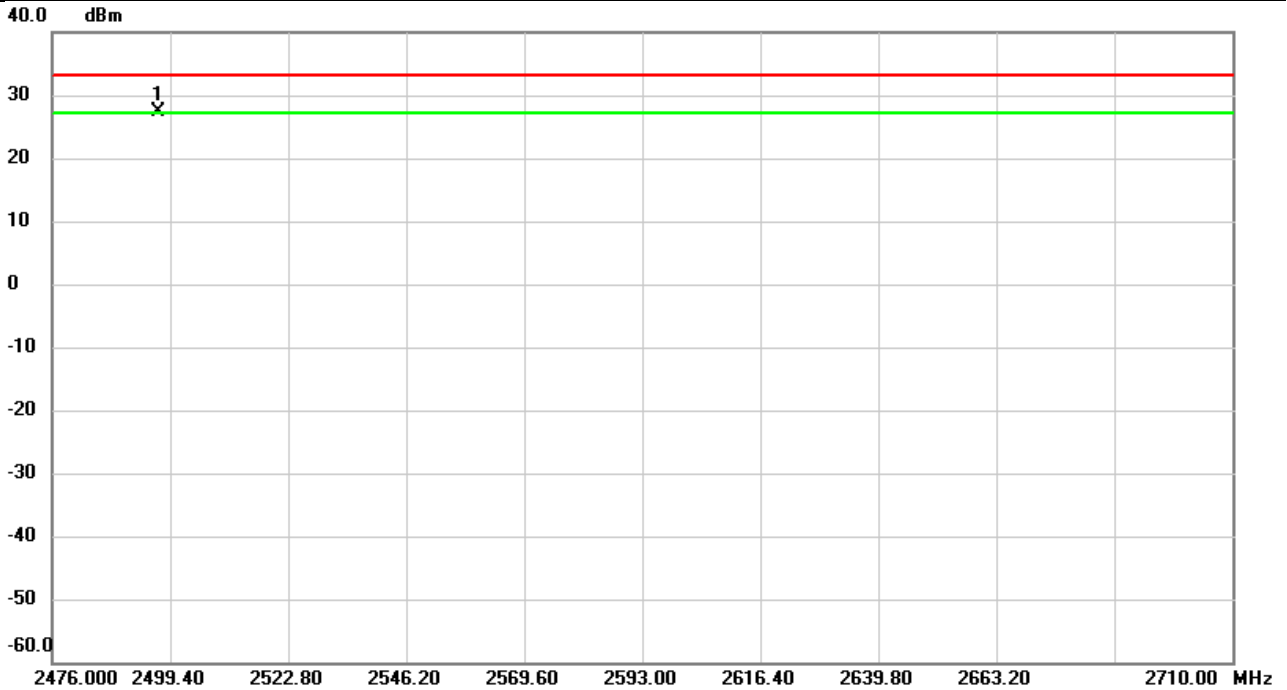


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2497.115	-16.49	41.61	25.12	33.01	-7.89	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH39750	Polarization	Horizontal
Temp	22°C	Hum.	65%

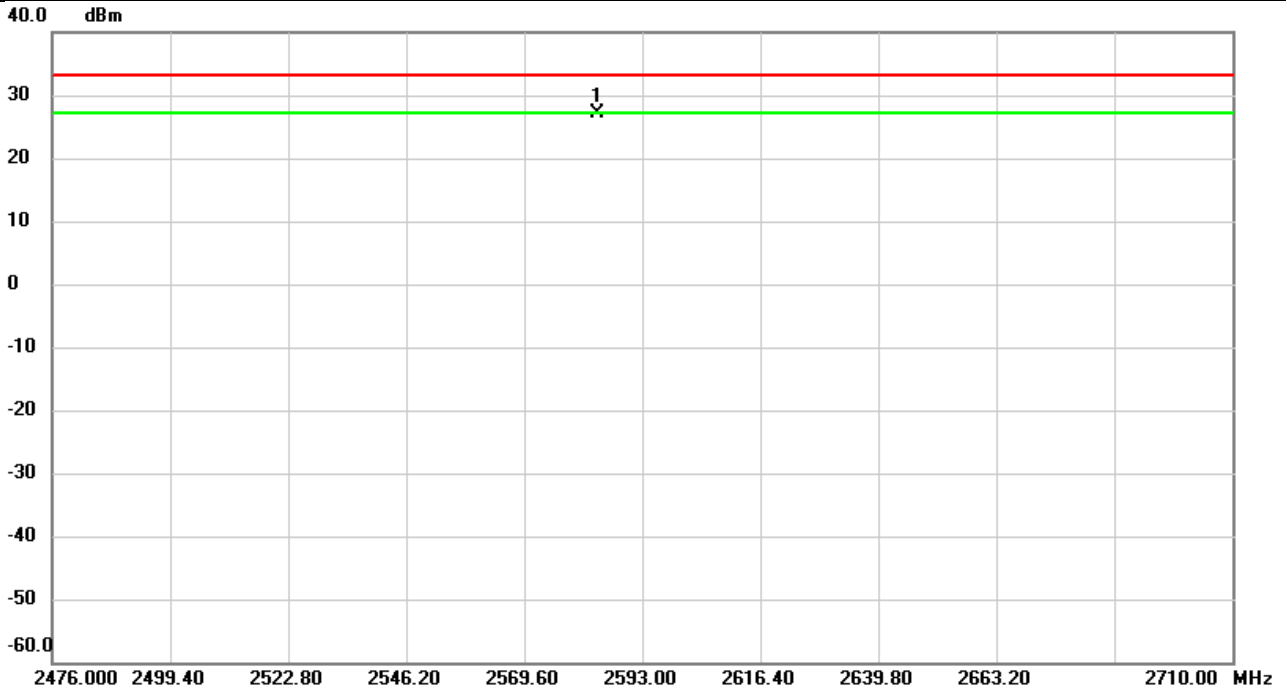


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2497.099	-14.62	42.11	27.49	33.01	-5.52	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Vertical
Temp	22°C	Hum.	65%

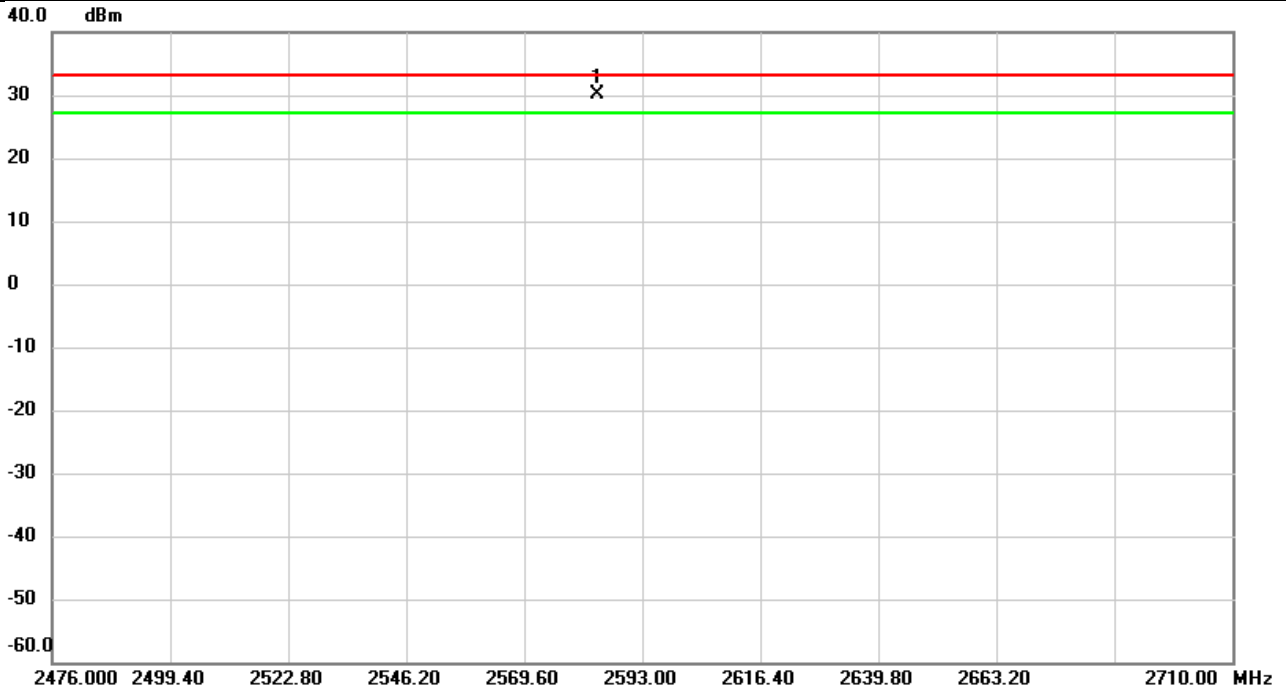


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2584.139	-14.67	41.75	27.08	33.01	-5.93	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Horizontal
Temp	22°C	Hum.	65%

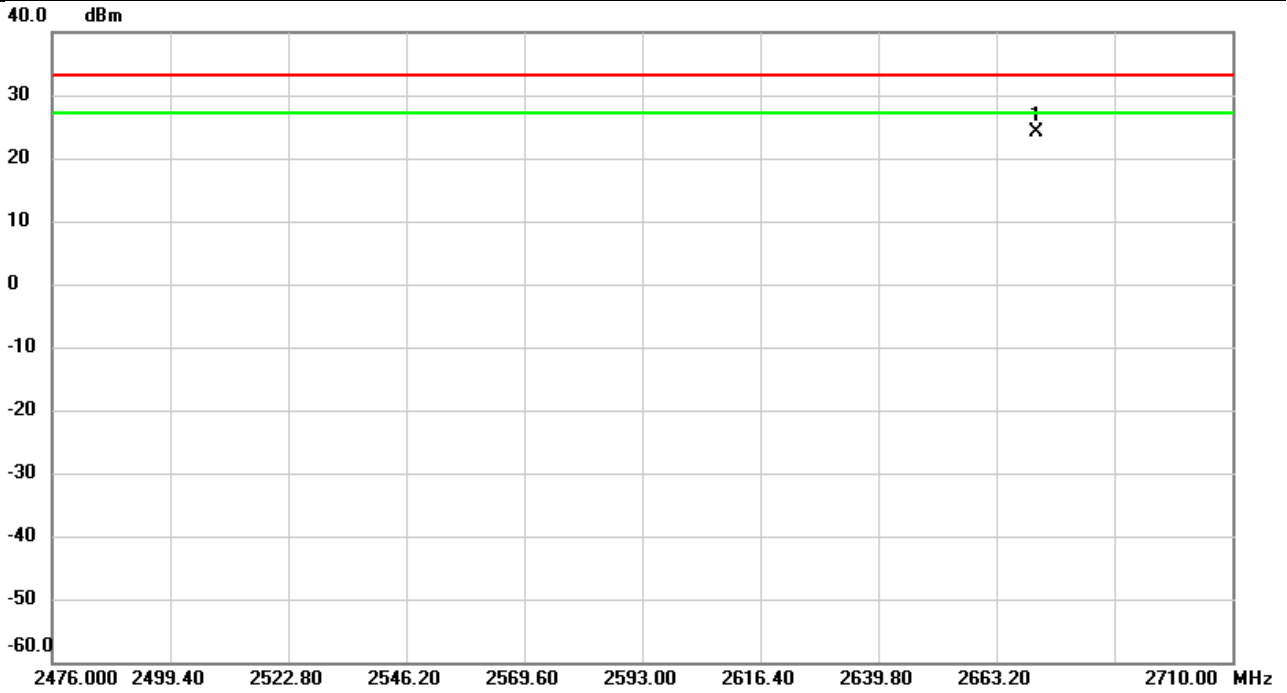


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	2584.108	-12.36	42.55	30.19	33.01	-2.82	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH41490	Polarization	Vertical
Temp	22°C	Hum.	65%

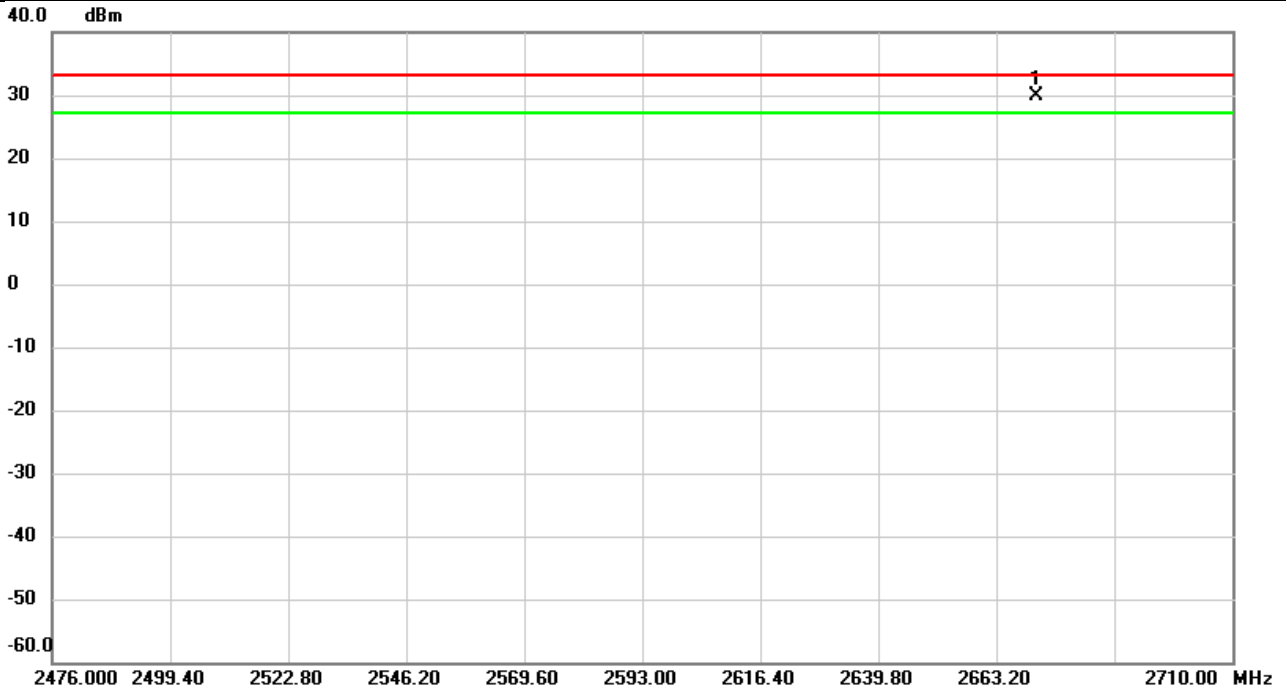


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2671.070	-17.66	41.88	24.22	33.01	-8.79	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH41490	Polarization	Horizontal
Temp	22°C	Hum.	65%

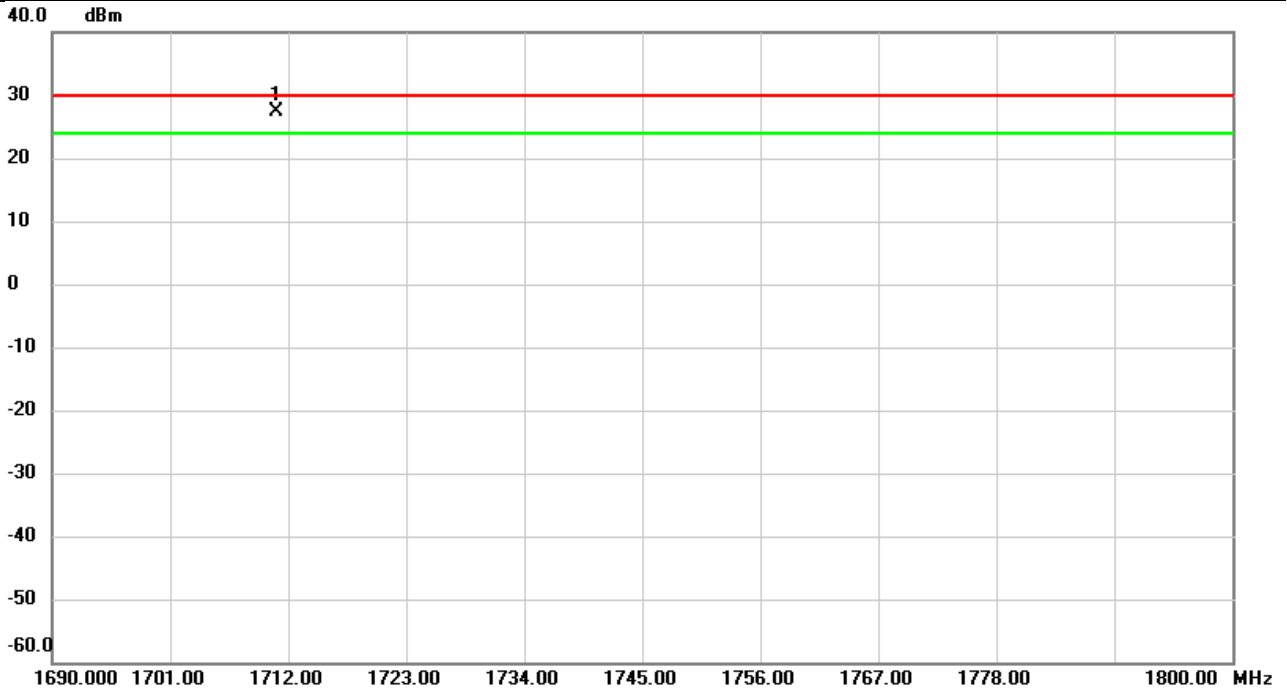


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2671.101	-13.15	43.00	29.85	33.01	-3.16	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132072	Polarization	Vertical
Temp	21°C	Hum.	64%

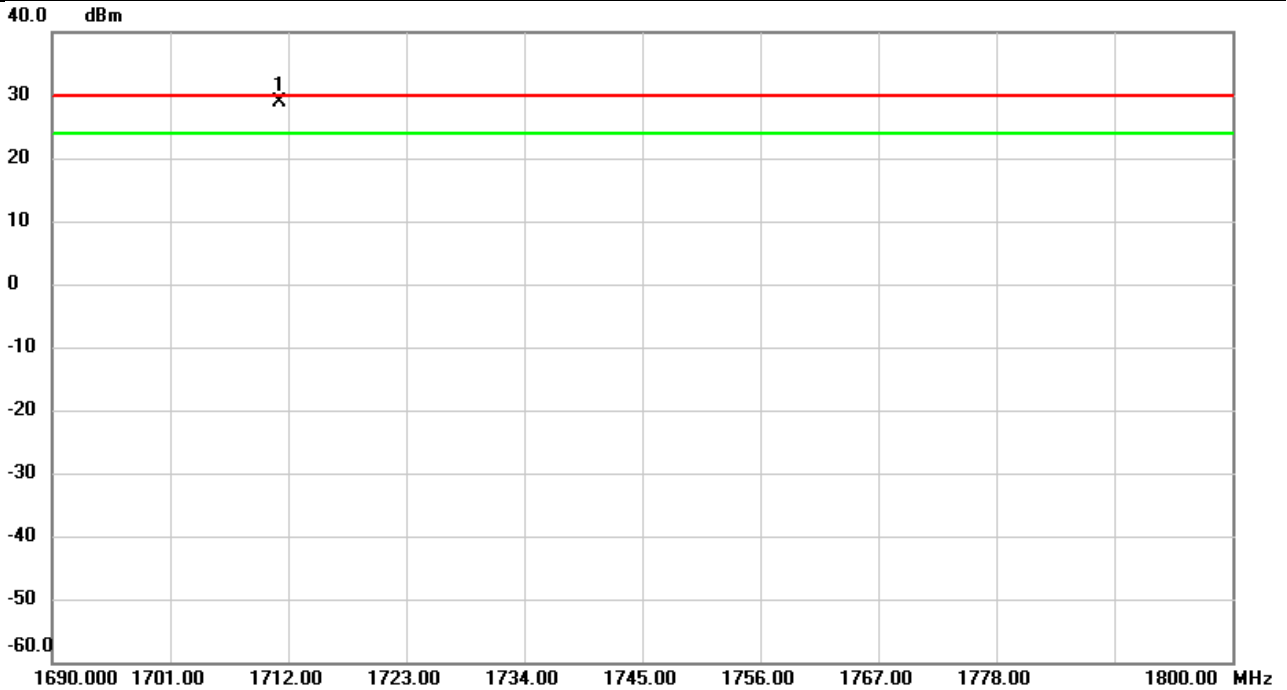


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1710.970	-11.63	39.12	27.49	30.00	-2.51	peak	

REMARKS:

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

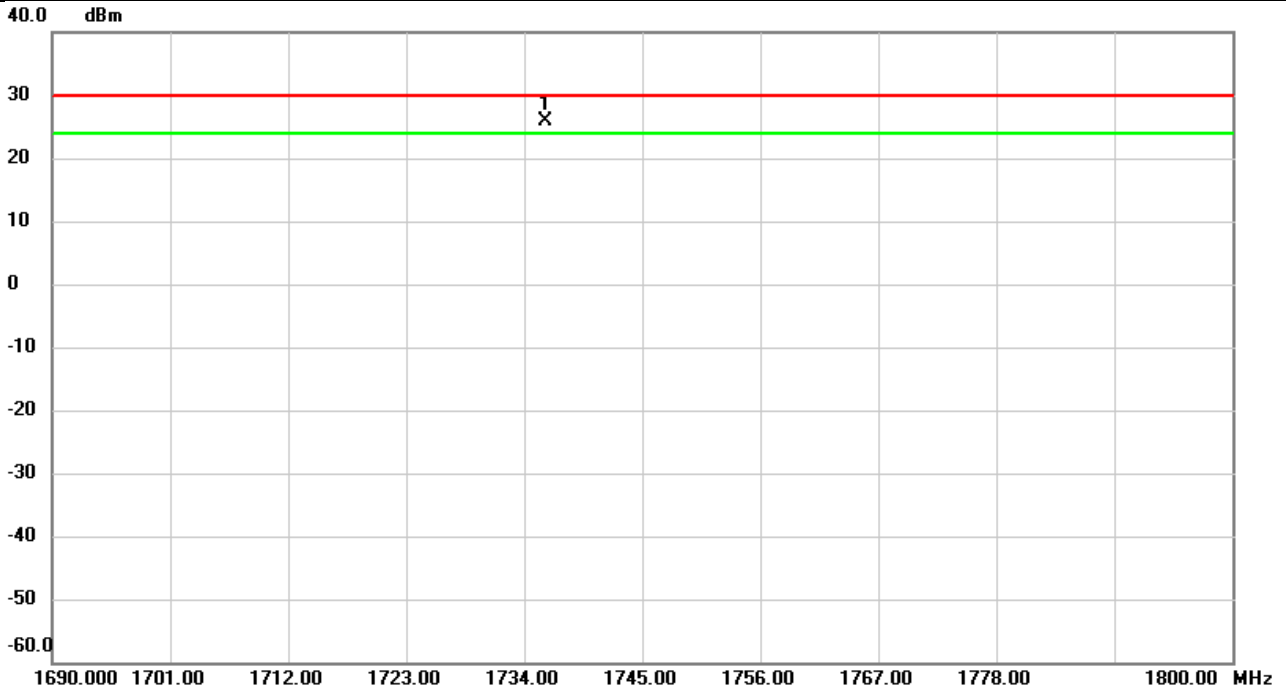
Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132072	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1711.124	-10.98	39.86	28.88	30.00	-1.12	peak	

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132322	Polarization	Vertical
Temp	21°C	Hum.	64%

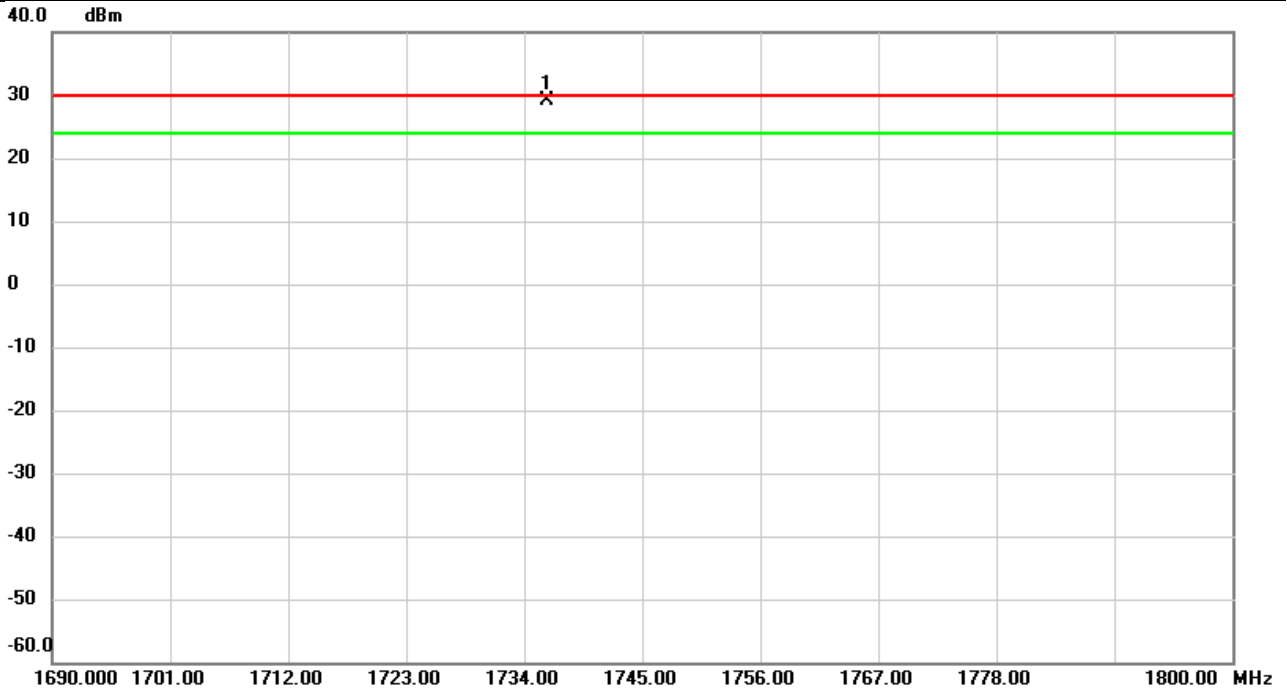


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1735.932	-13.40	39.22	25.82	30.00	-4.18	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132322	Polarization	Horizontal
Temp	21°C	Hum.	64%

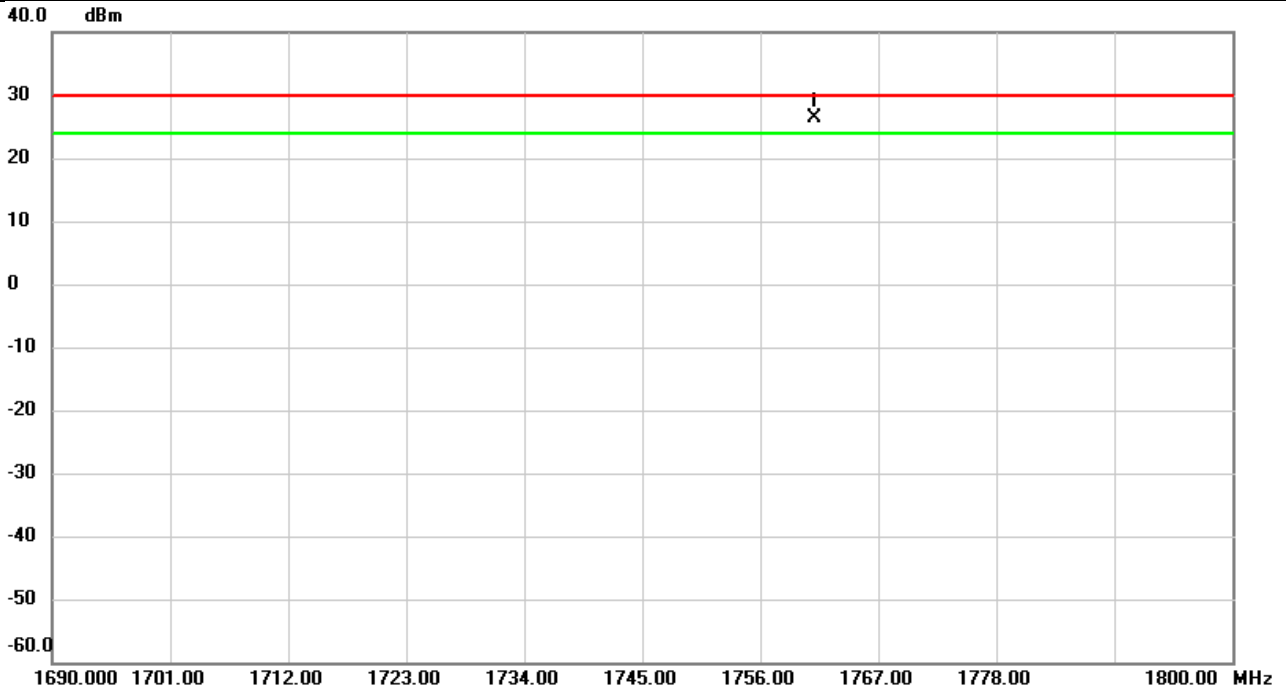


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1736.196	-10.76	39.99	29.23	30.00	-0.77	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132572	Polarization	Vertical
Temp	21°C	Hum.	64%

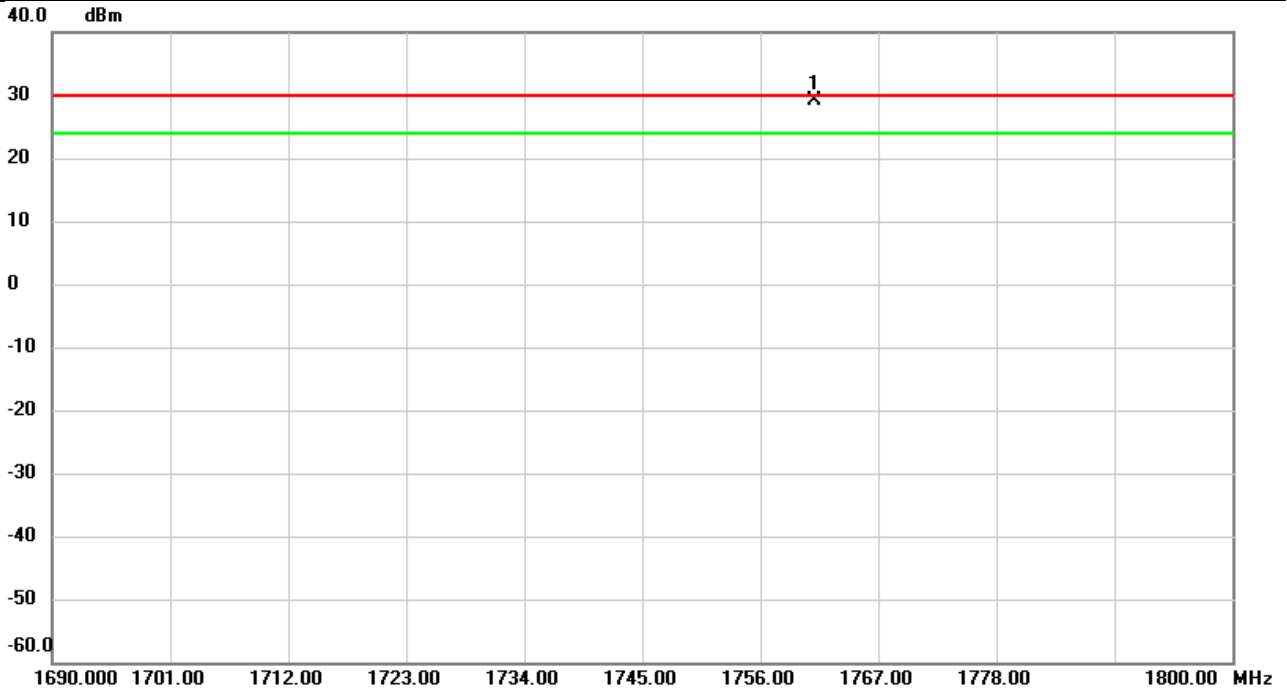


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1761.005	-12.91	39.32	26.41	30.00	-3.59	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132572	Polarization	Horizontal
Temp	21°C	Hum.	64%



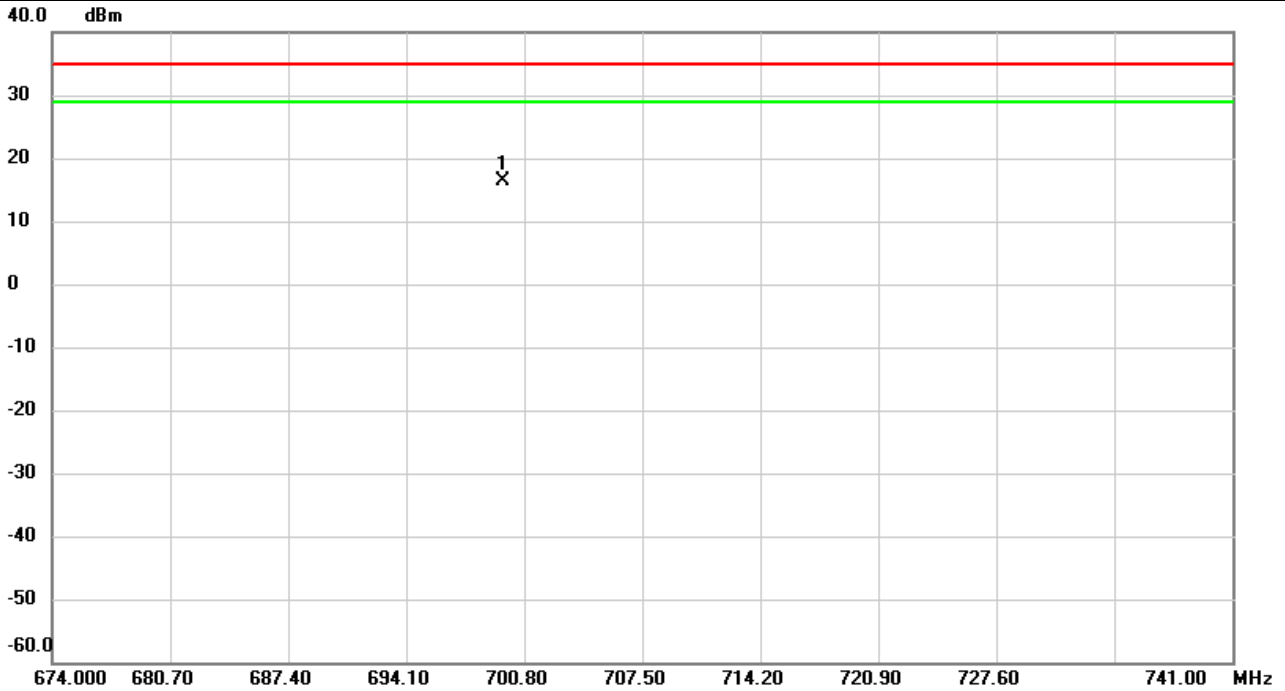
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1761.111	-10.98	40.12	29.14	30.00	-0.86	peak	

REMARKS:

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

Radiated ERP Power:

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23060	Polarization	Vertical
Temp	21°C	Hum.	64%

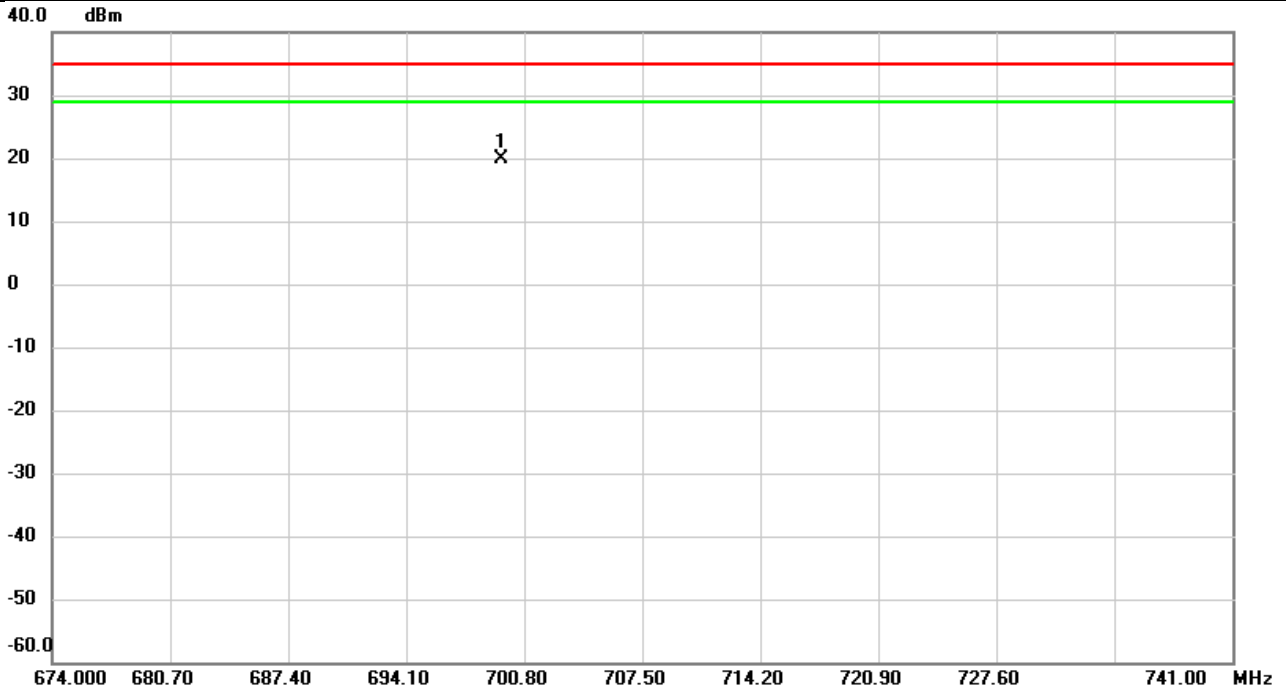


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	699.6052	-16.08	32.55	16.47	34.77	-18.30	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23060	Polarization	Horizontal
Temp	21°C	Hum.	64%

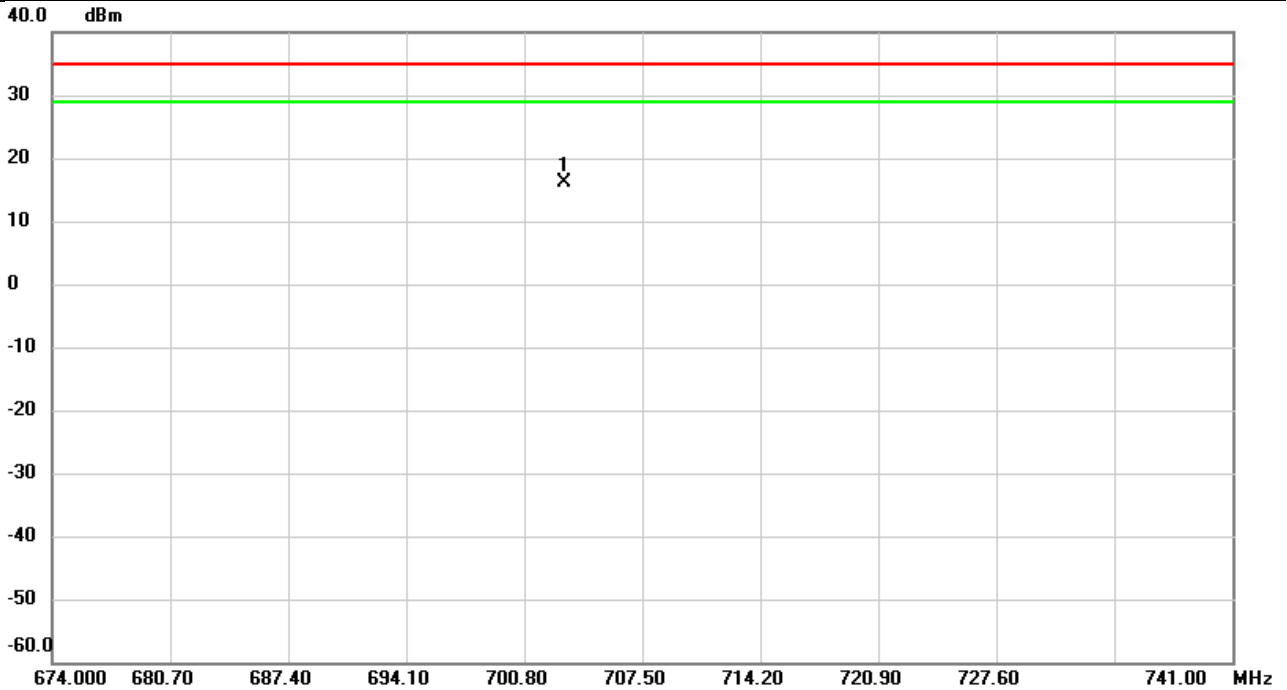


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	699.5470	-10.14	30.10	19.96	34.77	-14.81	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23095	Polarization	Vertical
Temp	21°C	Hum.	64%

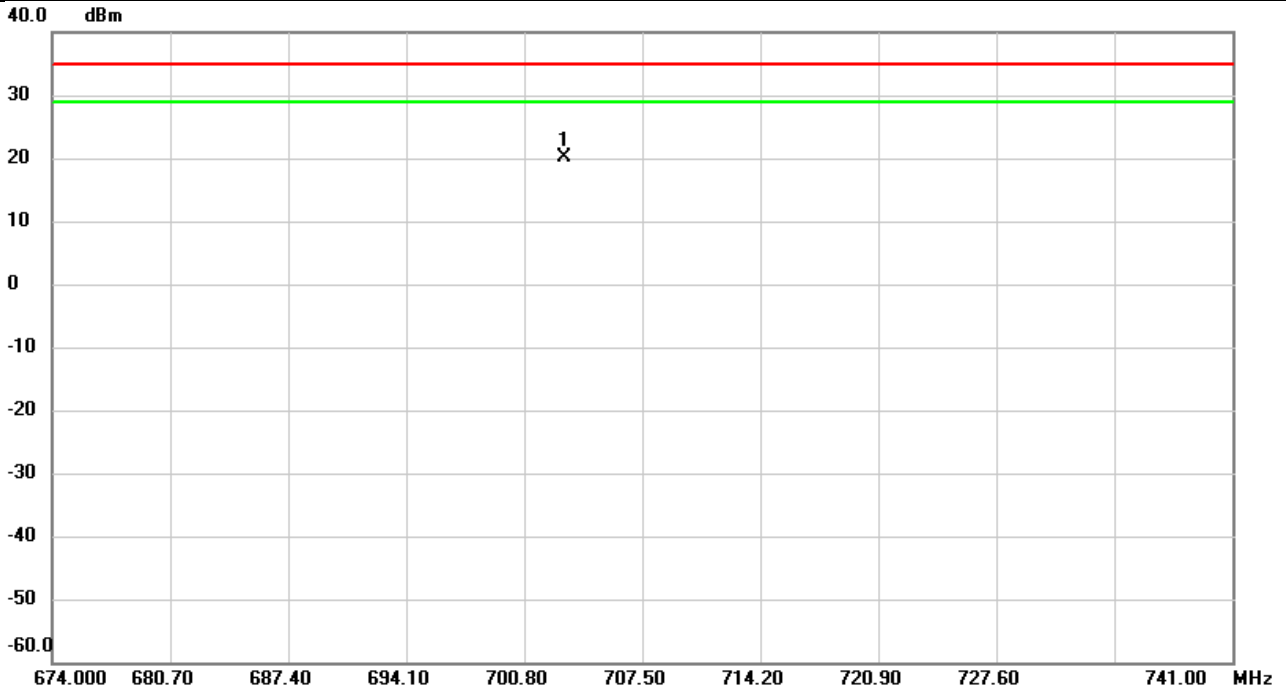


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	703.0467	-16.49	32.61	16.12	34.77	-18.65	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23095	Polarization	Horizontal
Temp	21°C	Hum.	64%

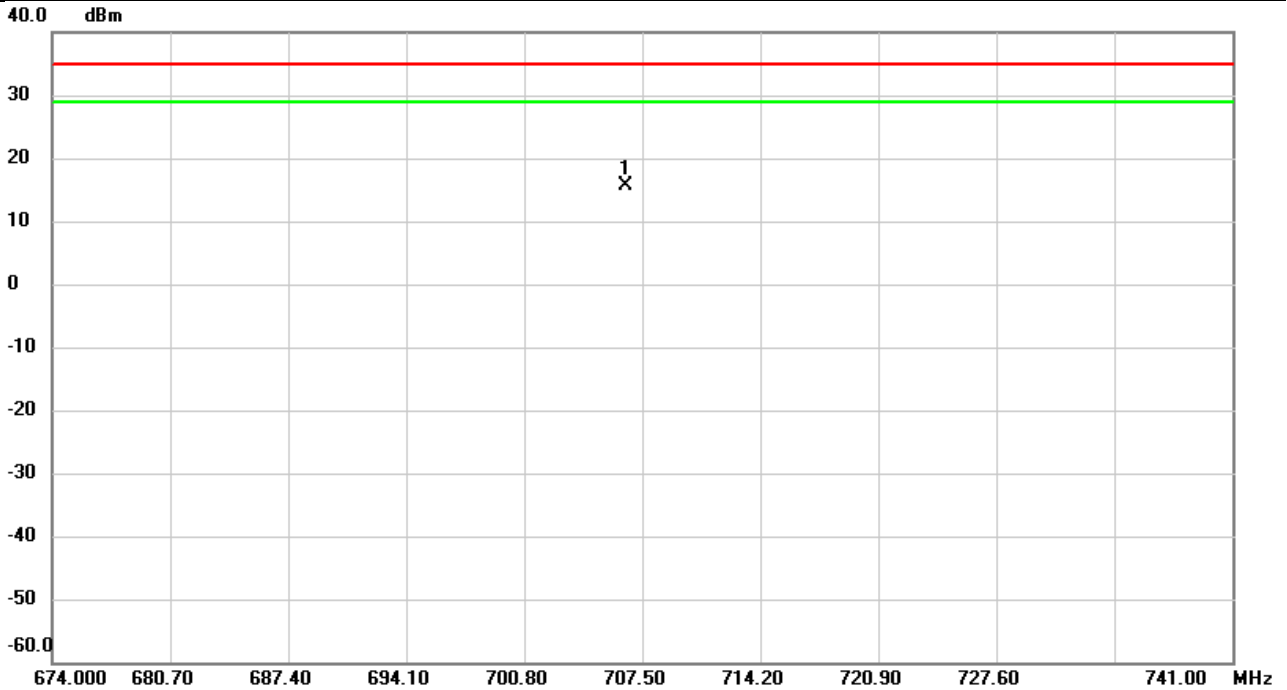


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	703.1226	-10.17	30.22	20.05	34.77	-14.72	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23130	Polarization	Vertical
Temp	21°C	Hum.	64%

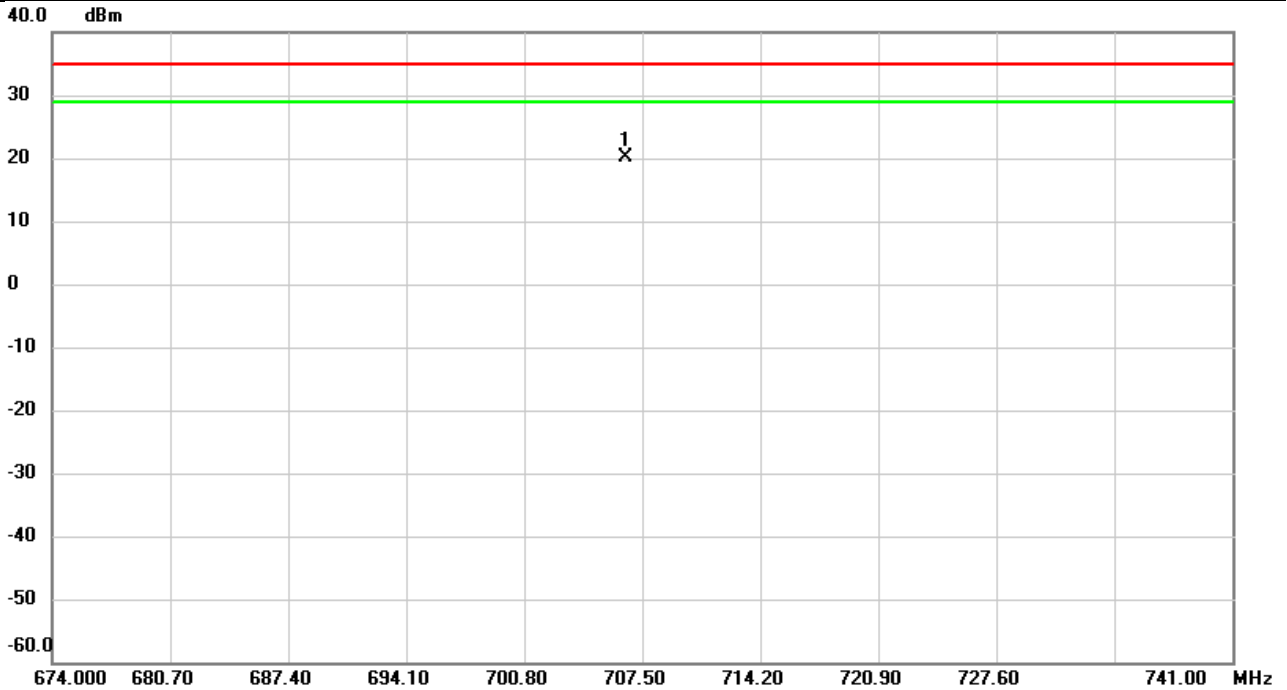


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.5440	-17.10	32.69	15.59	34.77	-19.18	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23130	Polarization	Horizontal
Temp	21°C	Hum.	64%

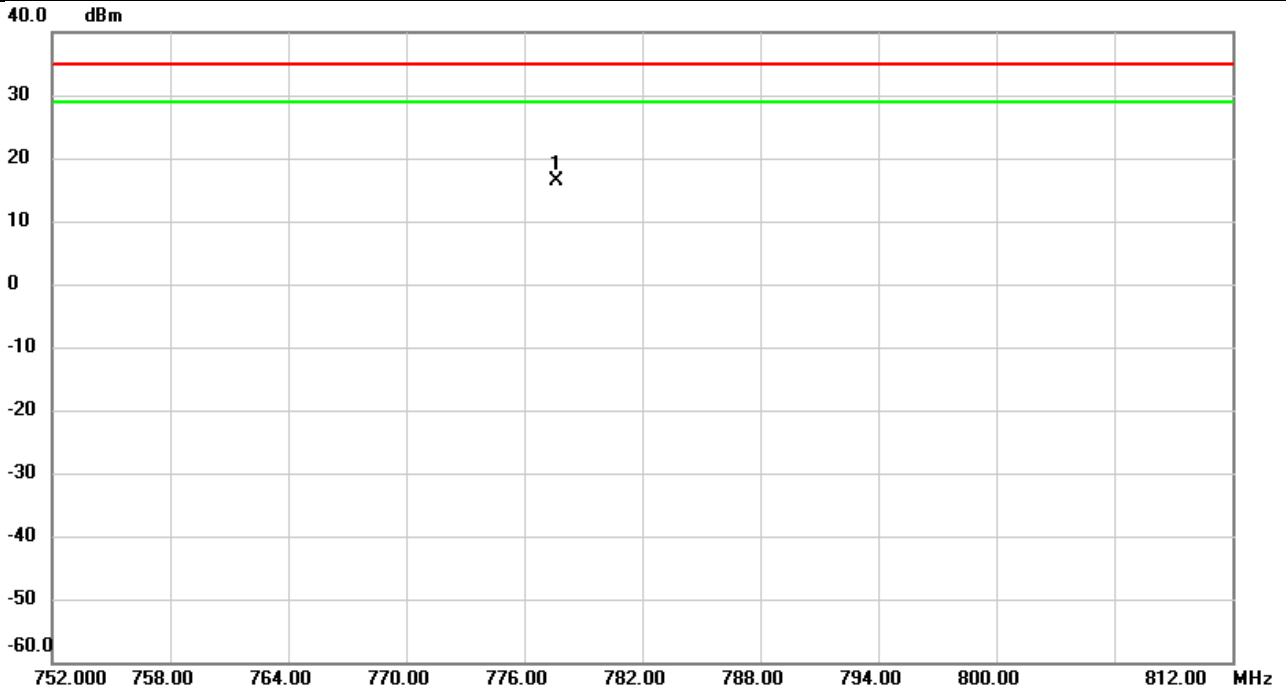


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.5420	-10.12	30.36	20.24	34.77	-14.53	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/3
Test Channel	CH23230	Polarization	Vertical
Temp	21°C	Hum.	64%

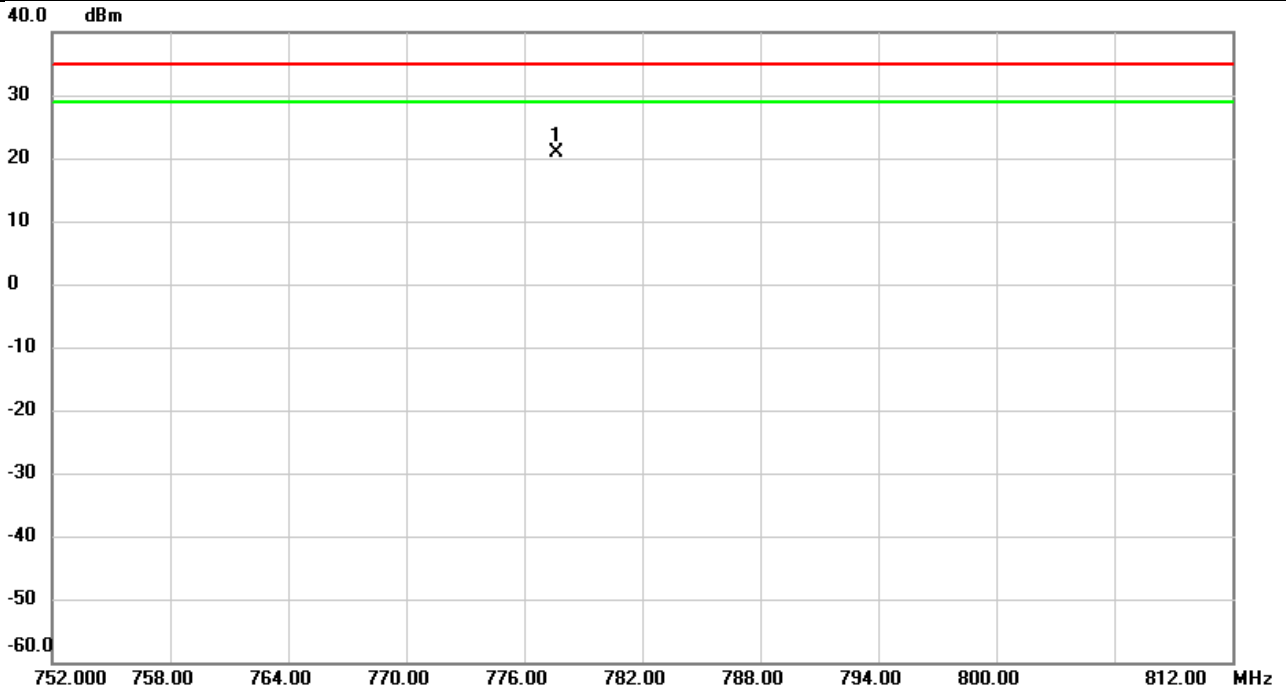


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	777.6520	-17.63	34.03	16.40	34.77	-18.37	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/3
Test Channel	CH23230	Polarization	Horizontal
Temp	21°C	Hum.	64%

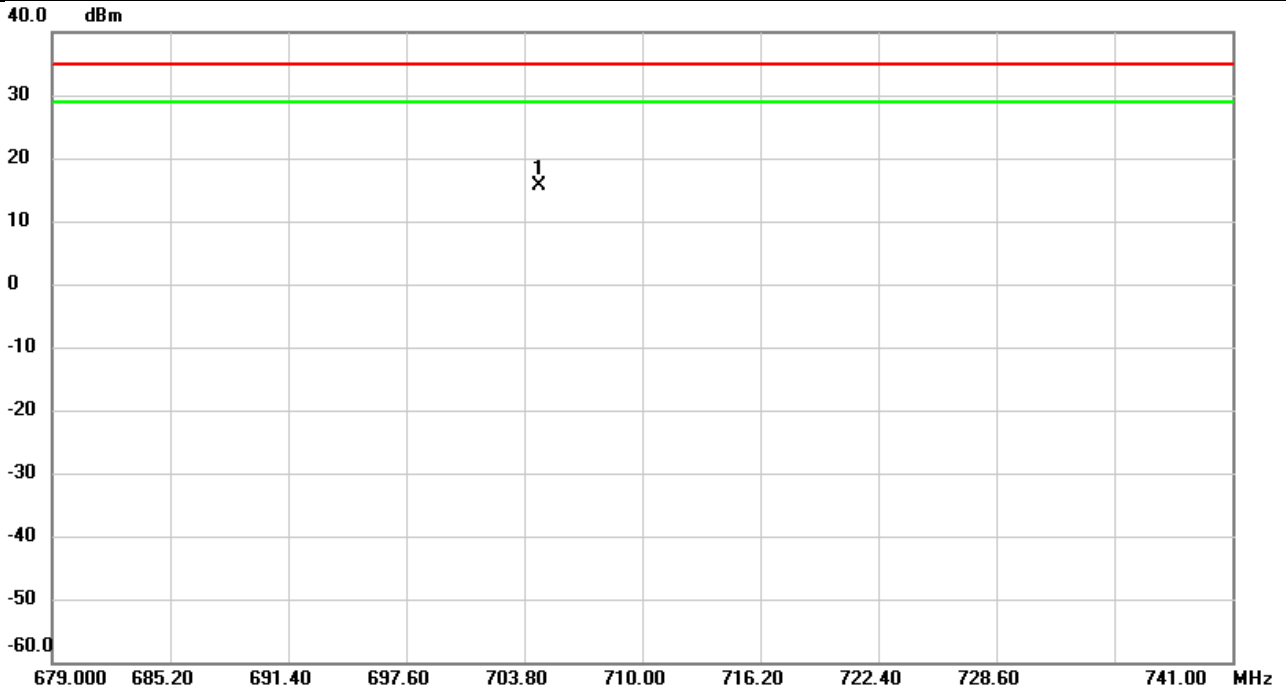


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	777.6020	-12.40	33.23	20.83	34.77	-13.94	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23780	Polarization	Vertical
Temp	21°C	Hum.	64%

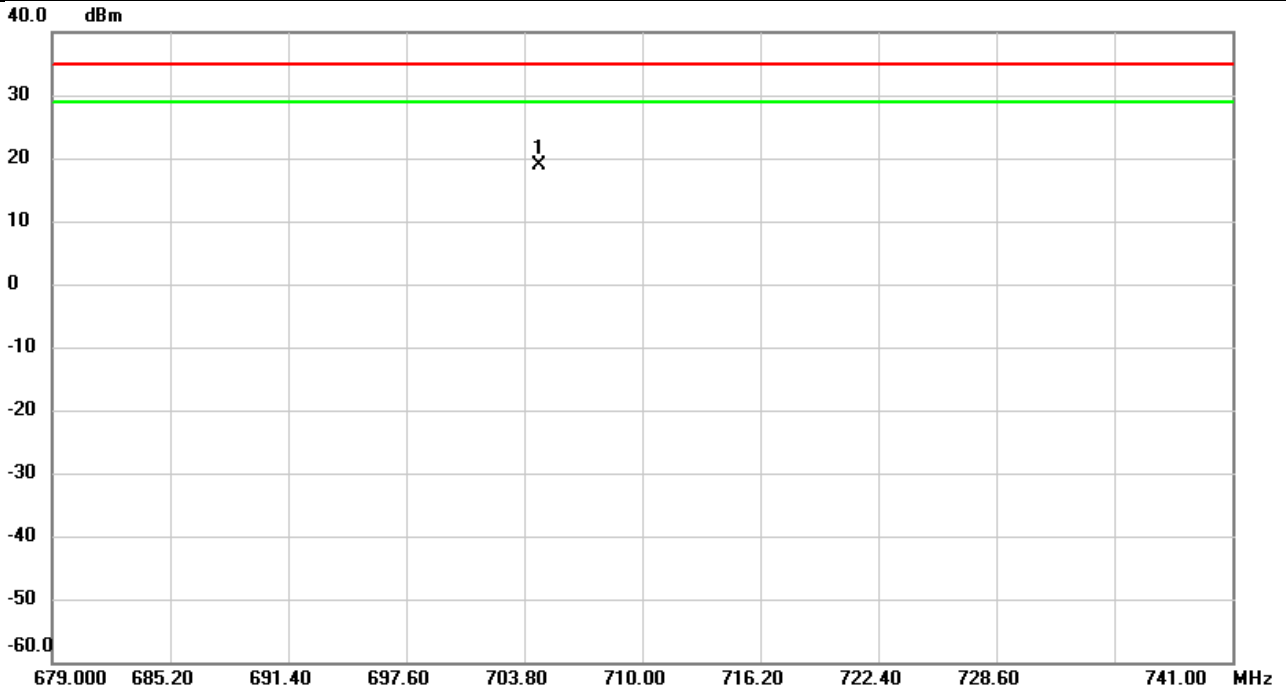


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	704.5833	-17.10	32.64	15.54	34.77	-19.23	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23780	Polarization	Horizontal
Temp	21°C	Hum.	64%

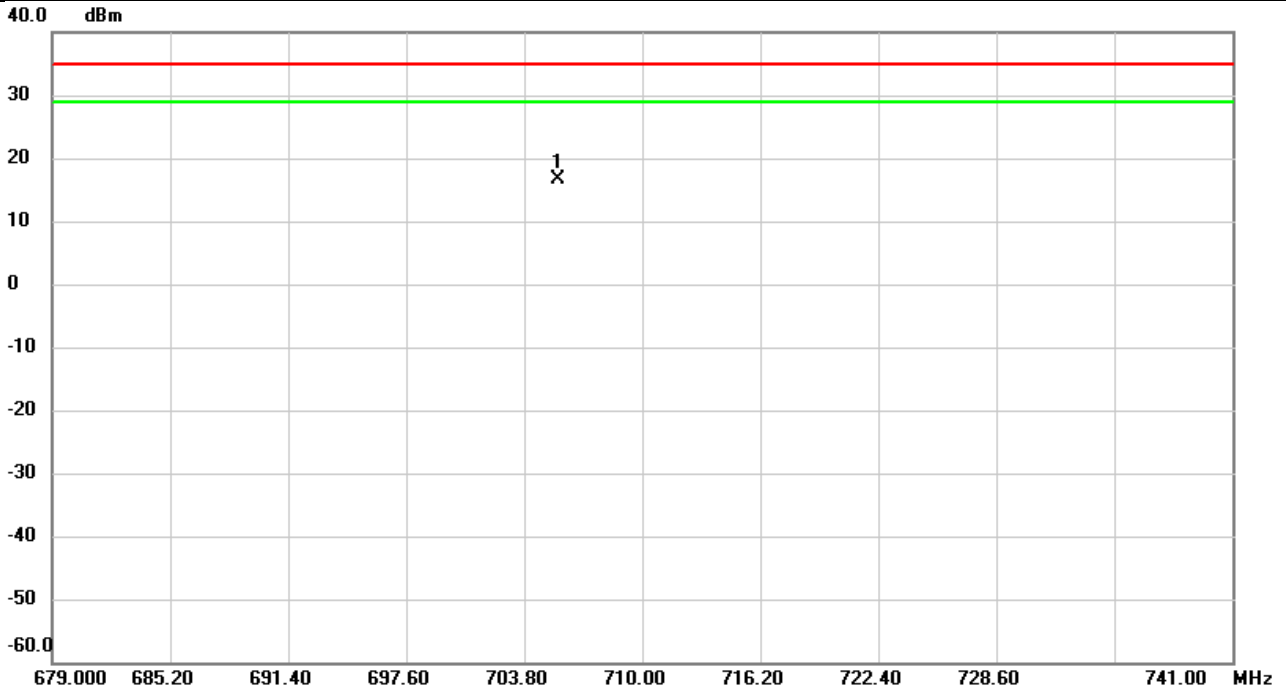


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	704.5480	-11.40	30.28	18.88	34.77	-15.89	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23790	Polarization	Vertical
Temp	21°C	Hum.	64%

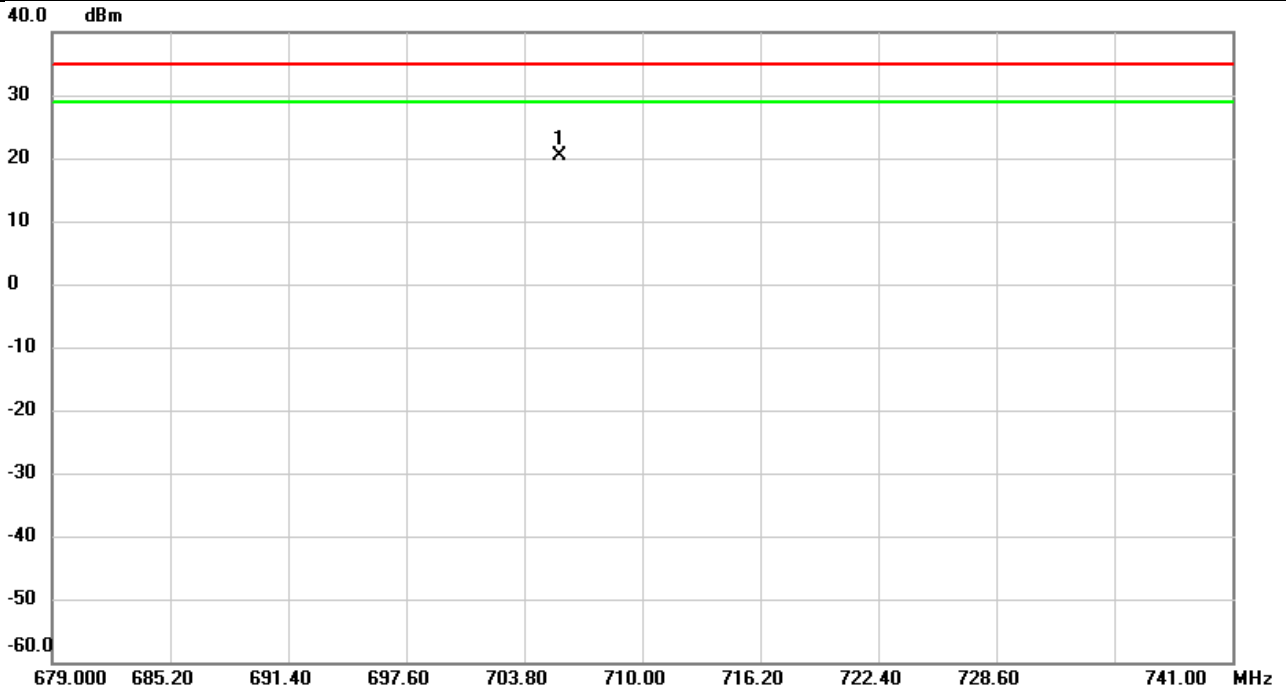


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	705.5980	-16.01	32.67	16.66	34.77	-18.11	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23790	Polarization	Horizontal
Temp	21°C	Hum.	64%

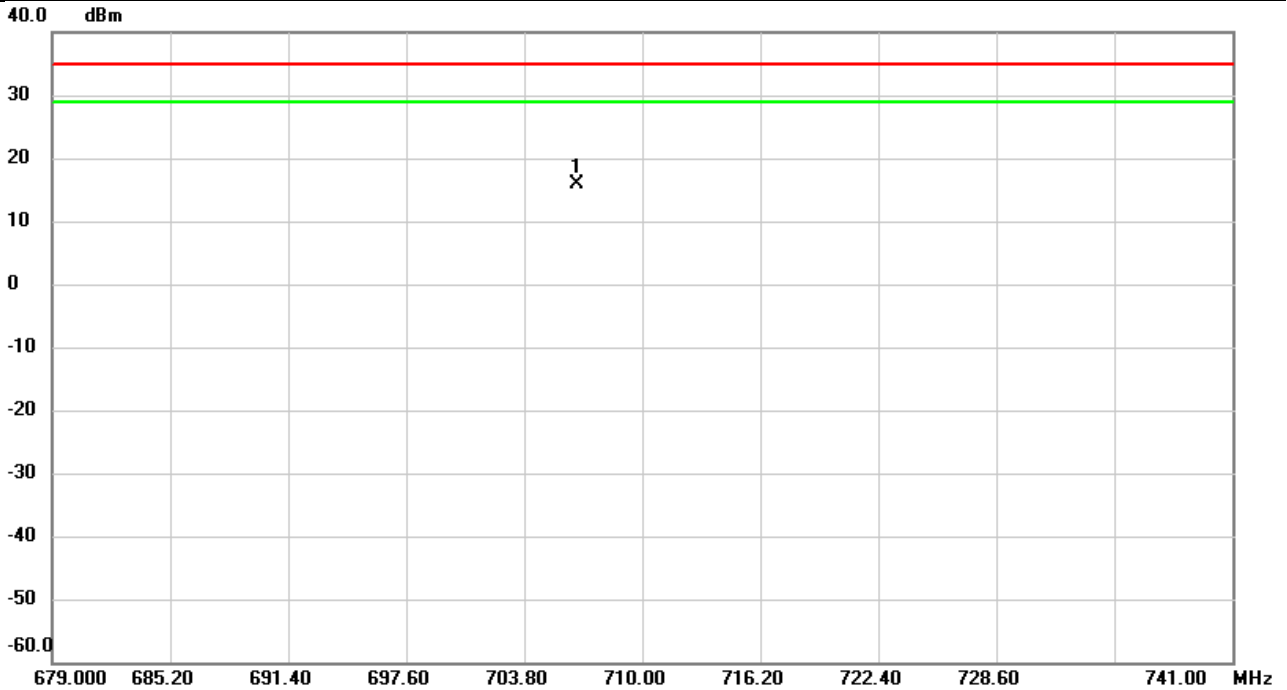


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	705.6228	-9.98	30.32	20.34	34.77	-14.43	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23800	Polarization	Vertical
Temp	21°C	Hum.	64%

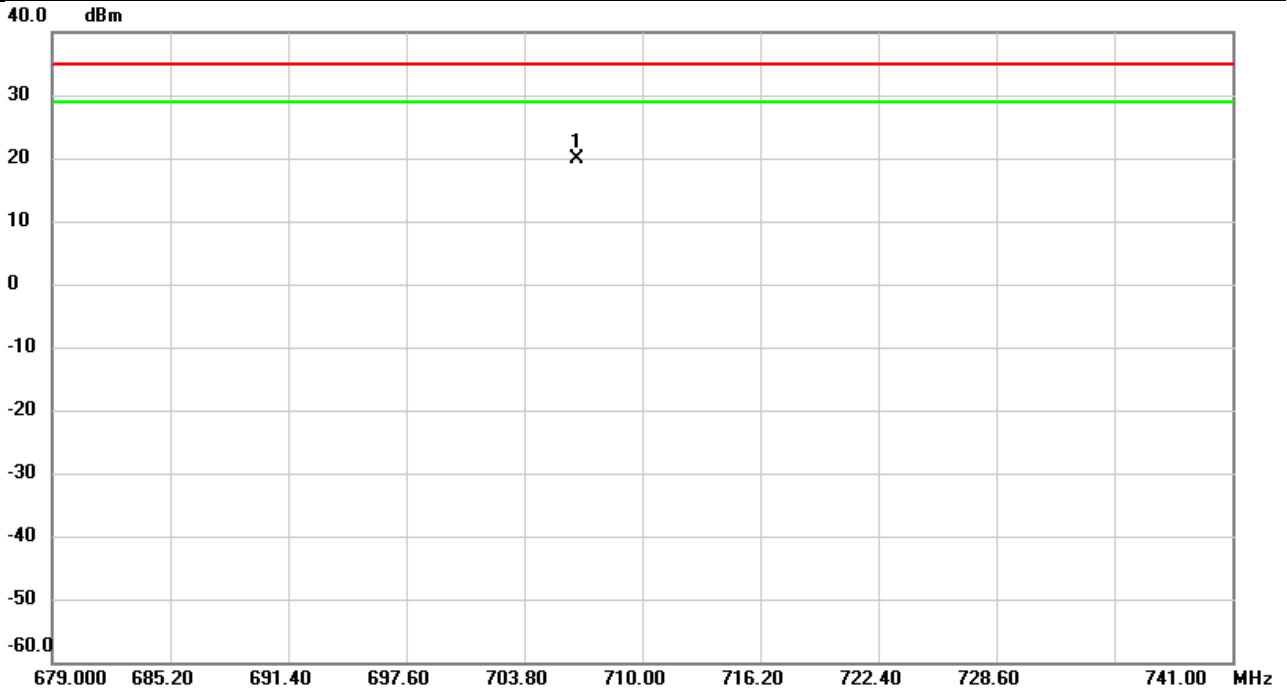


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.5465	-16.70	32.69	15.99	34.77	-18.78	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23800	Polarization	Horizontal
Temp	21°C	Hum.	64%

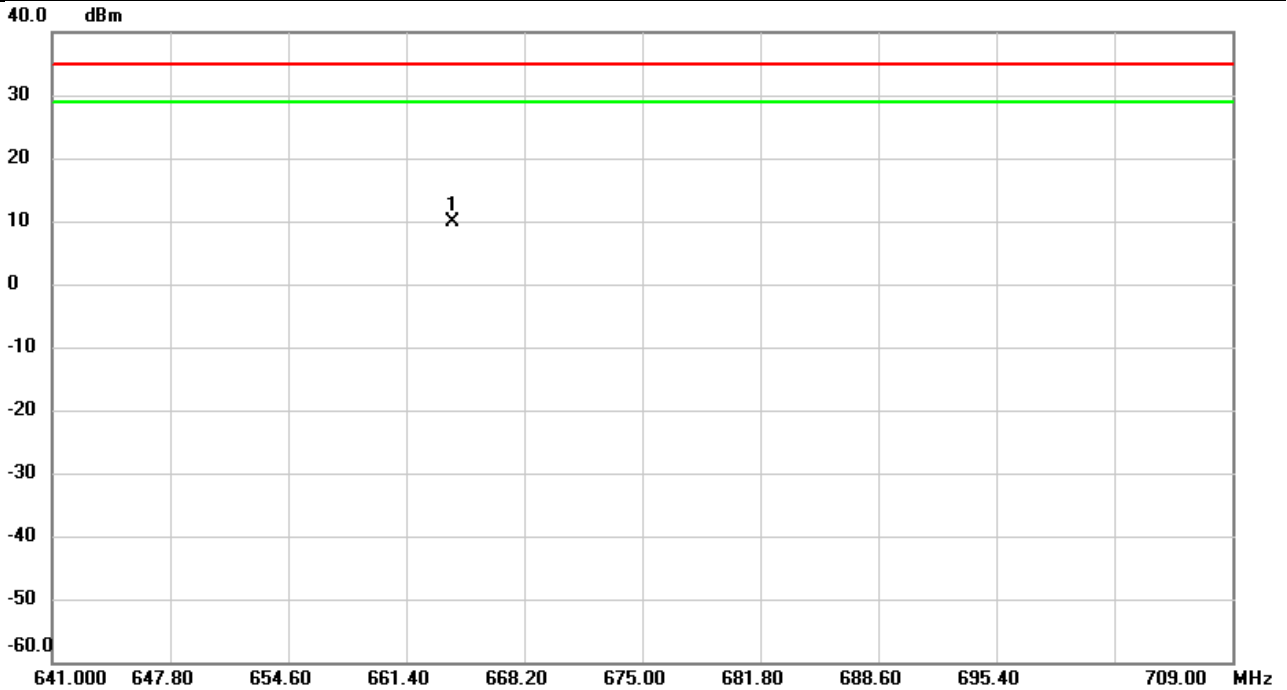


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.5590	-10.46	30.36	19.90	34.77	-14.87	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133222	Polarization	Vertical
Temp	21°C	Hum.	64%

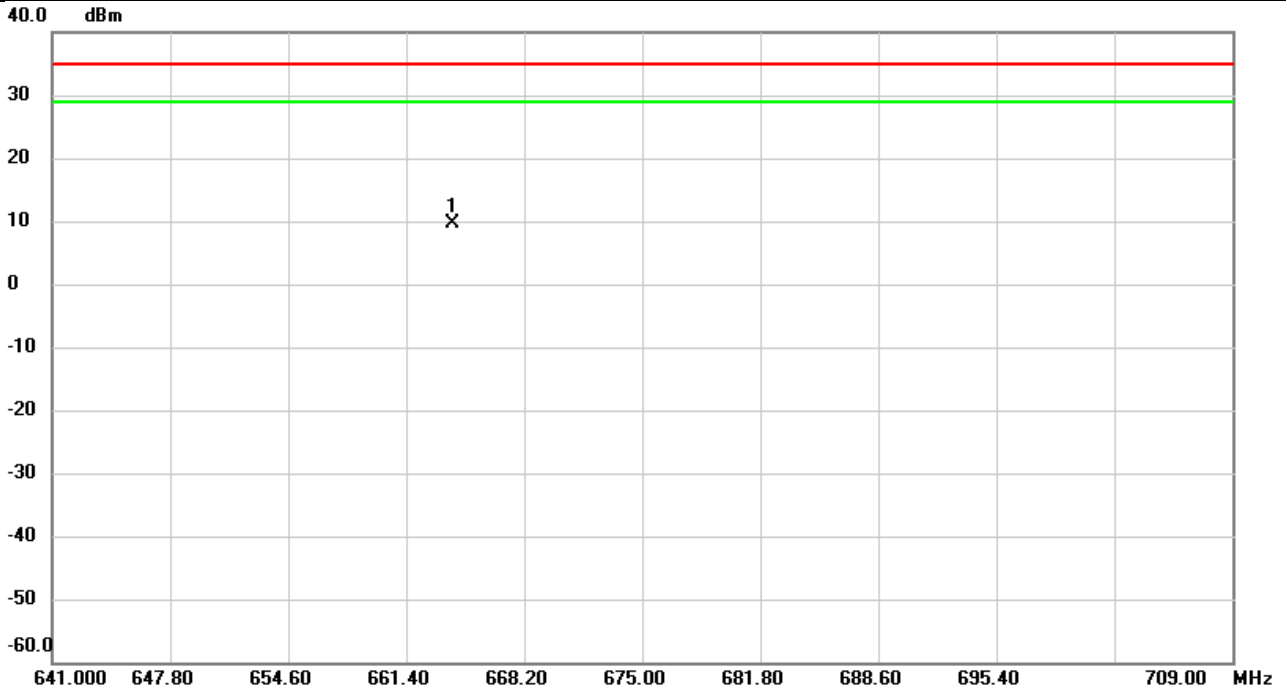


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	664.0430	-25.46	35.37	9.91	34.77	-24.86	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133222	Polarization	Horizontal
Temp	21°C	Hum.	64%

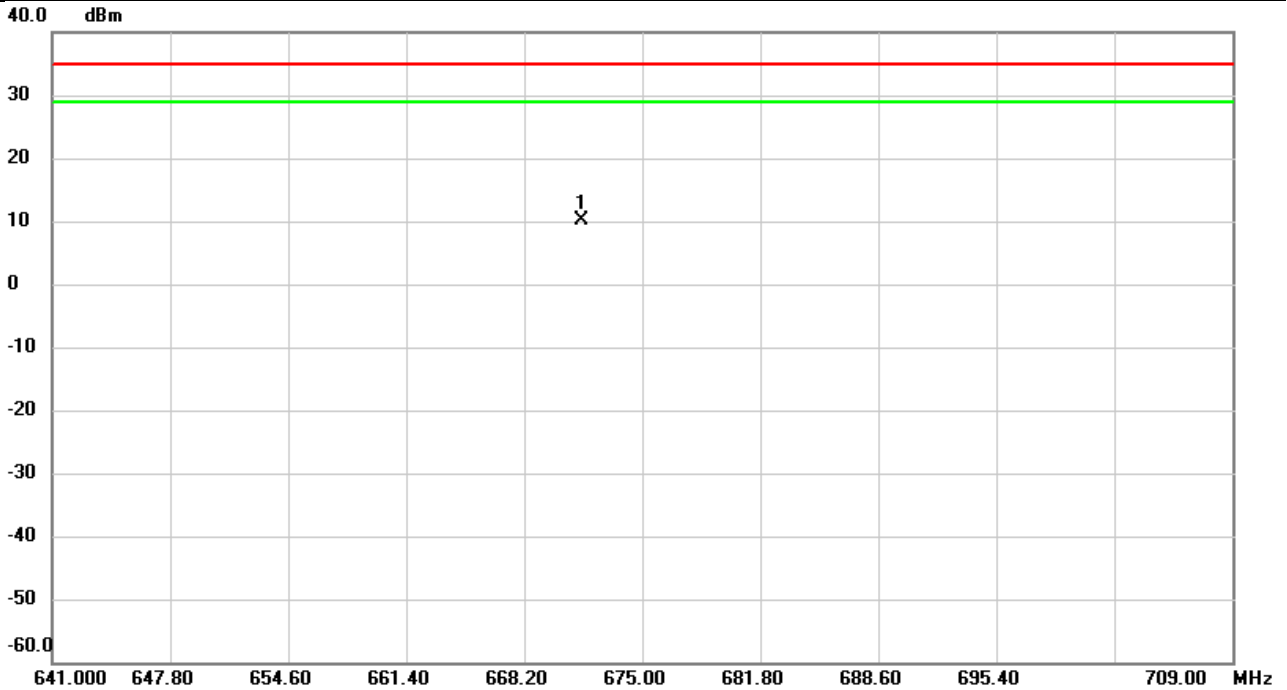


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	664.0384	-22.33	32.08	9.75	34.77	-25.02	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133297	Polarization	Vertical
Temp	21°C	Hum.	64%

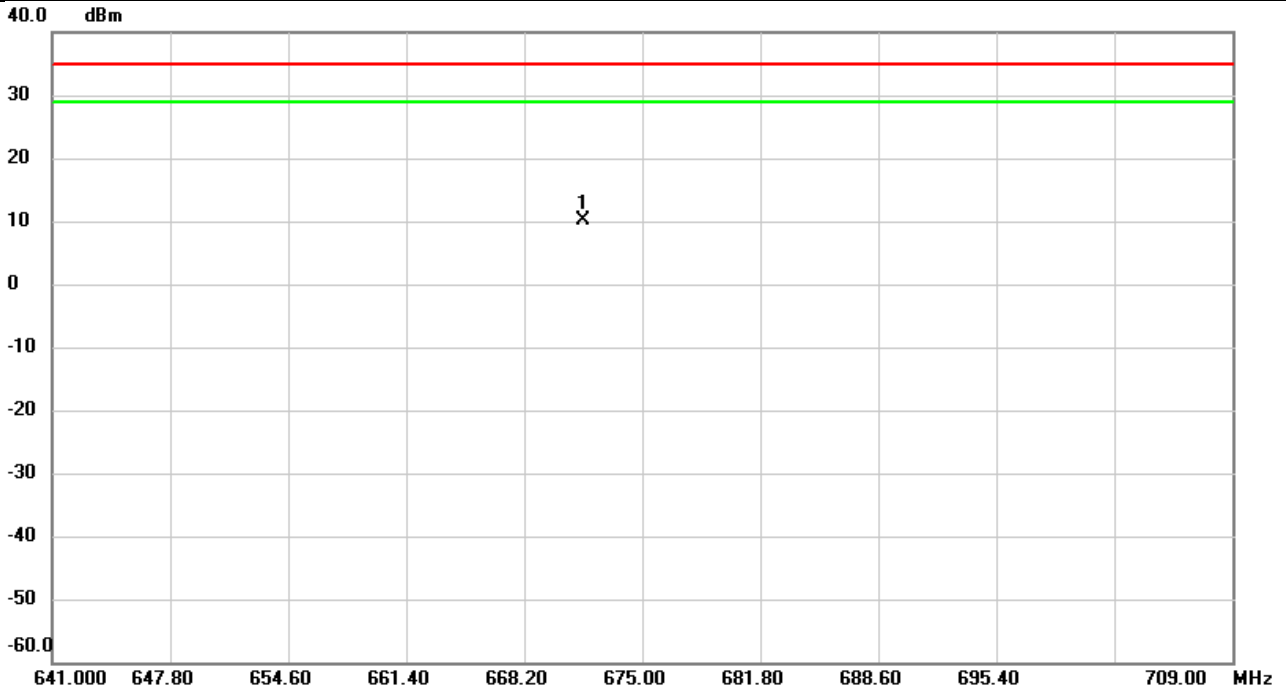


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	671.5343	-25.02	35.23	10.21	34.77	-24.56	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133297	Polarization	Horizontal
Temp	21°C	Hum.	64%

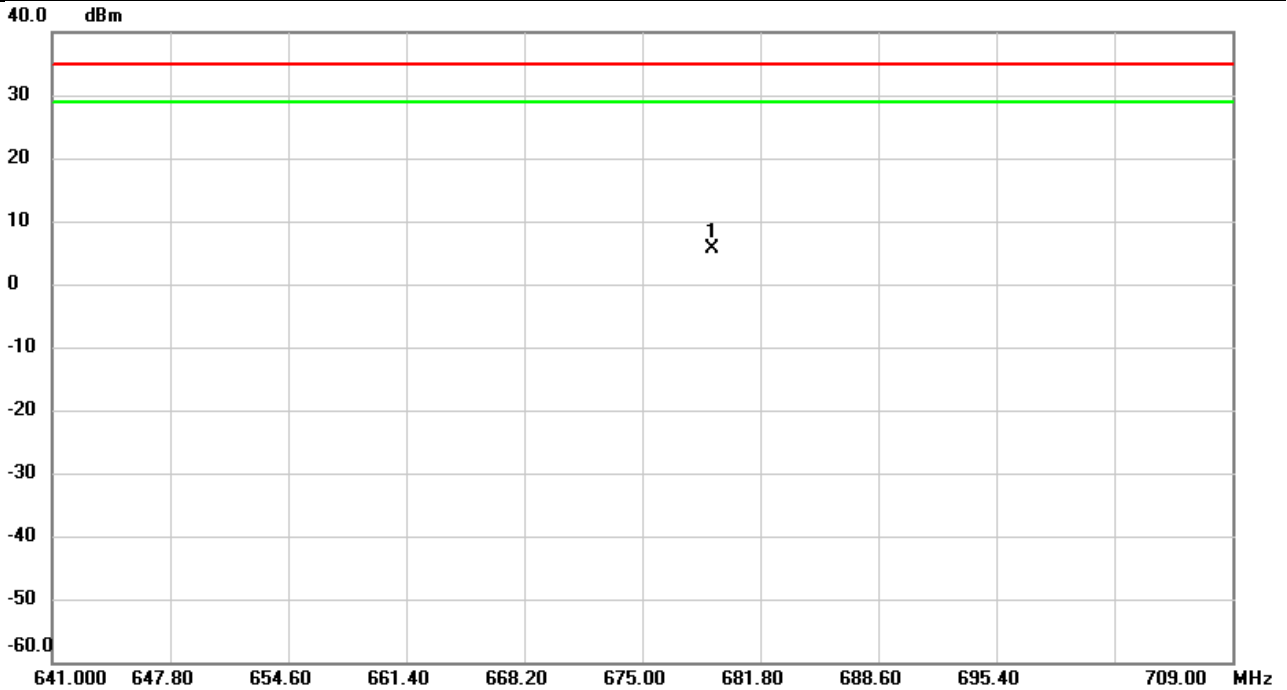


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	671.6204	-22.11	32.12	10.01	34.77	-24.76	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133372	Polarization	Vertical
Temp	21°C	Hum.	64%

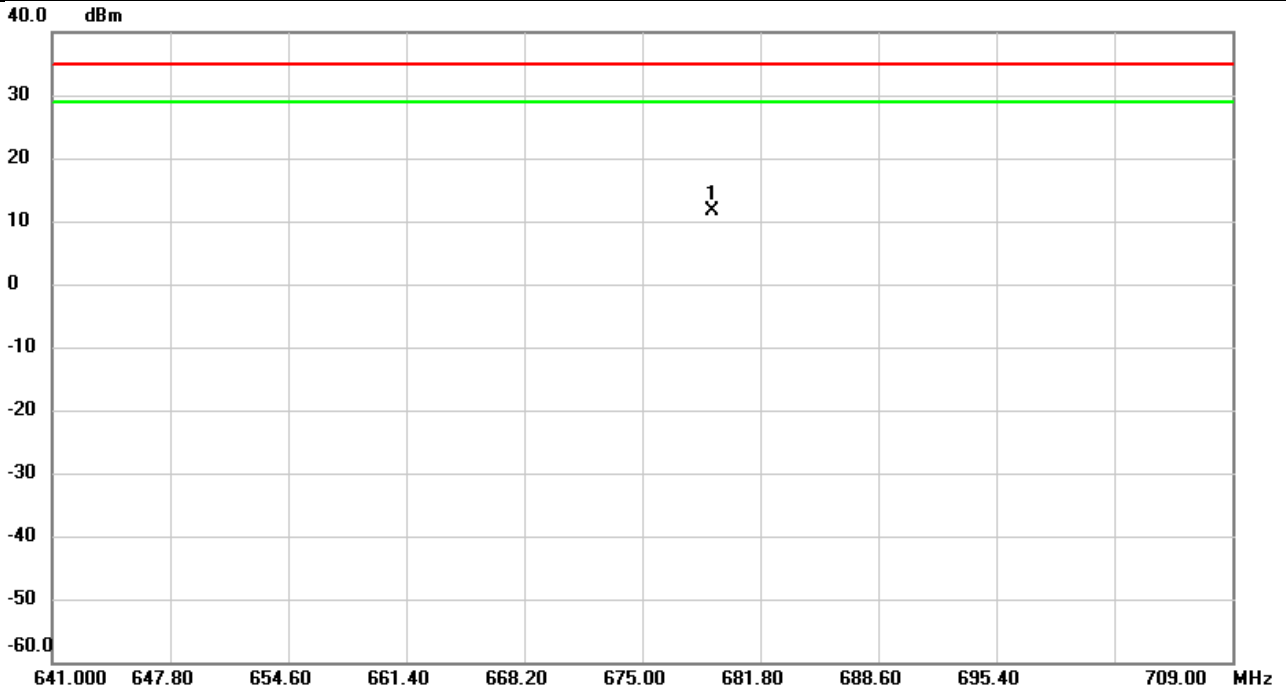


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	679.0415	-29.48	35.08	5.60	34.77	-29.17	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133372	Polarization	Horizontal
Temp	21°C	Hum.	64%



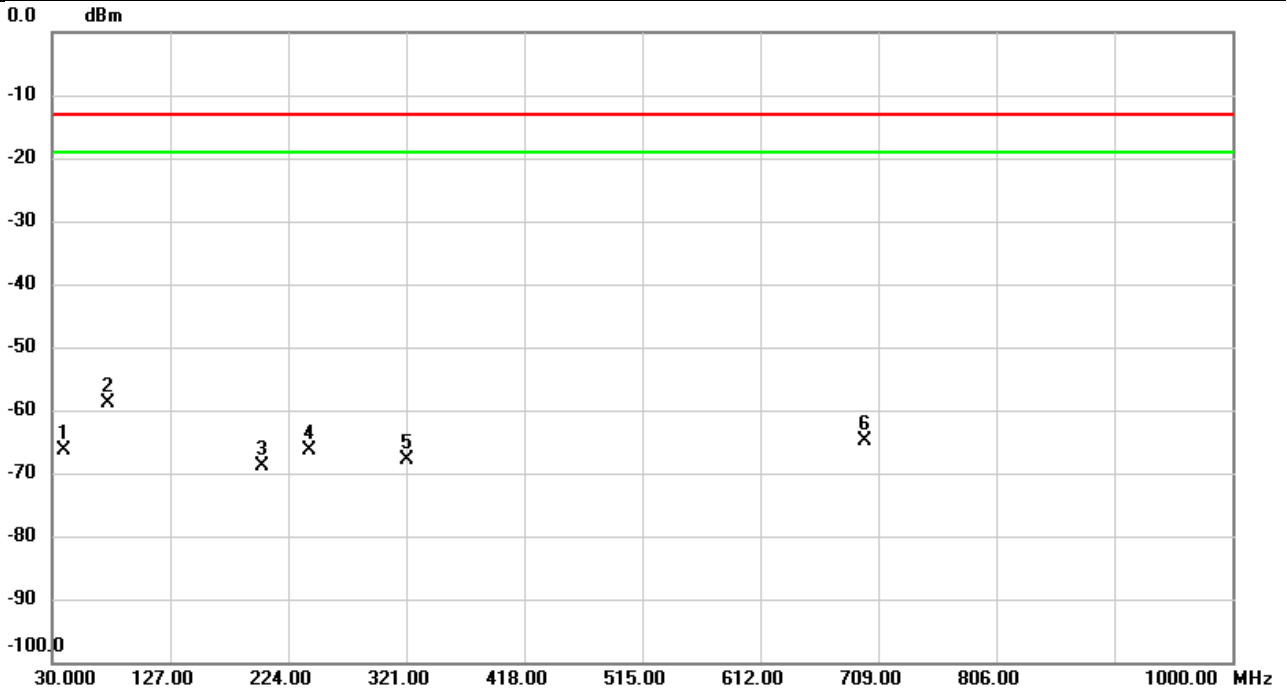
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	679.0664	-20.61	32.15	11.54	34.77	-23.23	peak	

REMARKS:

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

APPENDIX C RADIATED SPURIOUS EMISSIONS

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Vertical
Temp	21°C	Hum.	64%

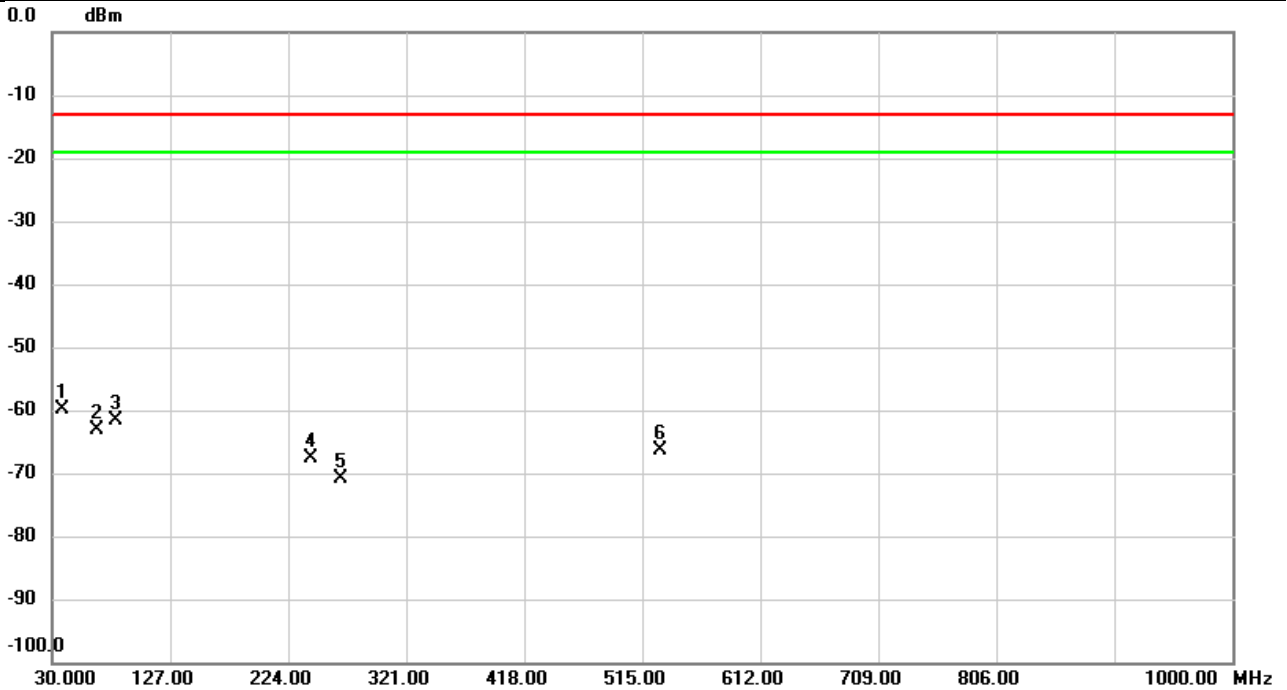


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		39.8940	-65.58	-0.91	-66.49	-13.00	-53.49	peak	
2	*	76.5277	-56.70	-2.21	-58.91	-13.00	-45.91	peak	
3		202.5307	-71.68	2.74	-68.94	-13.00	-55.94	peak	
4		241.2013	-74.09	7.73	-66.36	-13.00	-53.36	peak	
5		321.4203	-75.28	7.40	-67.88	-13.00	-54.88	peak	
6		697.7803	-77.96	13.06	-64.90	-13.00	-51.90	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Horizontal
Temp	21°C	Hum.	64%

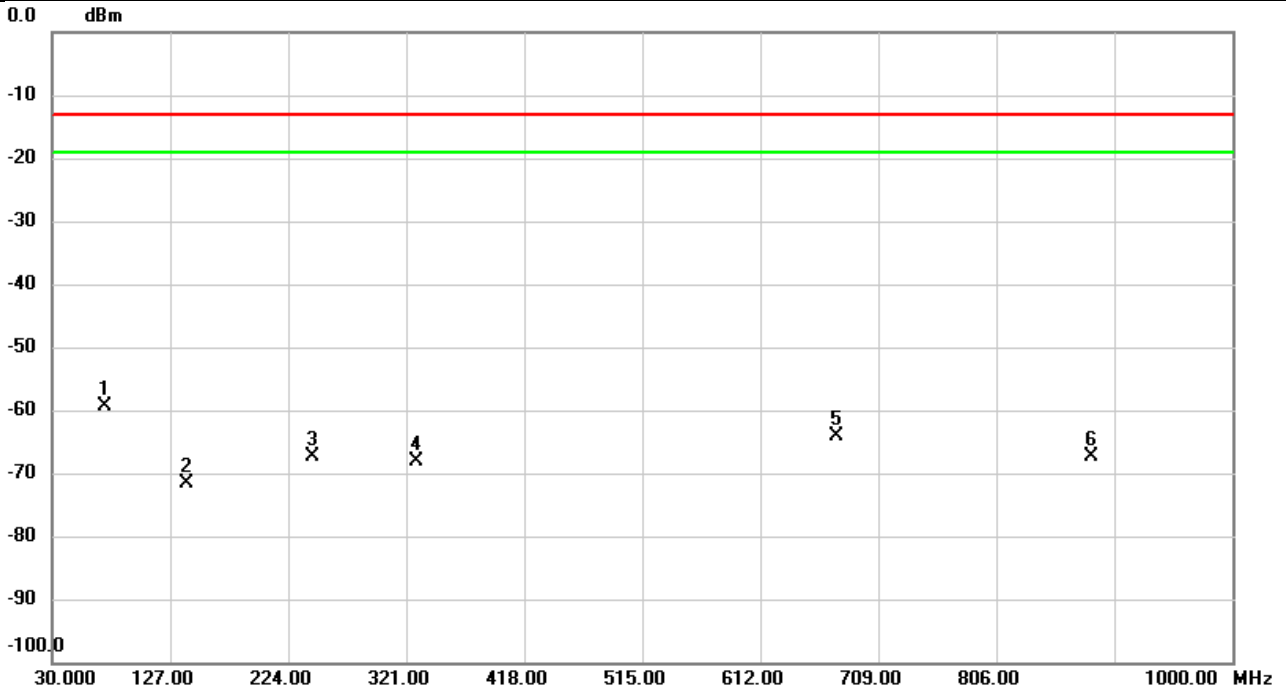


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	38.2127	-76.22	16.30	-59.92	-13.00	-46.92	peak	
2		66.8600	-68.25	5.08	-63.17	-13.00	-50.17	peak	
3		82.7680	-66.81	5.17	-61.64	-13.00	-48.64	peak	
4		242.7857	-67.09	-0.53	-67.62	-13.00	-54.62	peak	
5		267.2943	-70.74	-0.16	-70.90	-13.00	-57.90	peak	
6		529.8410	-76.08	9.59	-66.49	-13.00	-53.49	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20175	Polarization	Vertical
Temp	21°C	Hum.	64%

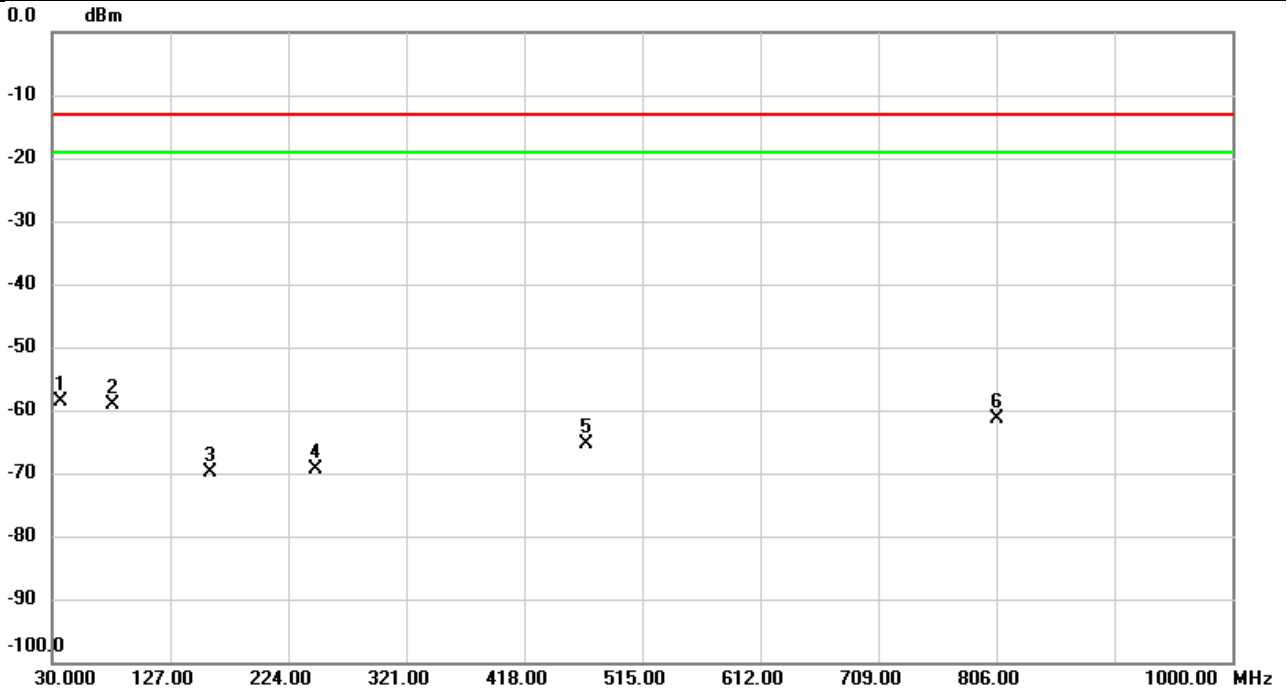


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	72.6800	-57.01	-2.38	-59.39	-13.00	-46.39	peak	
2		140.1273	-74.80	3.10	-71.70	-13.00	-58.70	peak	
3		244.2730	-75.06	7.71	-67.35	-13.00	-54.35	peak	
4		329.4067	-75.54	7.30	-68.24	-13.00	-55.24	peak	
5		674.5973	-77.24	13.16	-64.08	-13.00	-51.08	peak	
6		884.6023	-77.89	10.51	-67.38	-13.00	-54.38	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/3
Test Channel	CH20175	Polarization	Horizontal
Temp	21°C	Hum.	64%

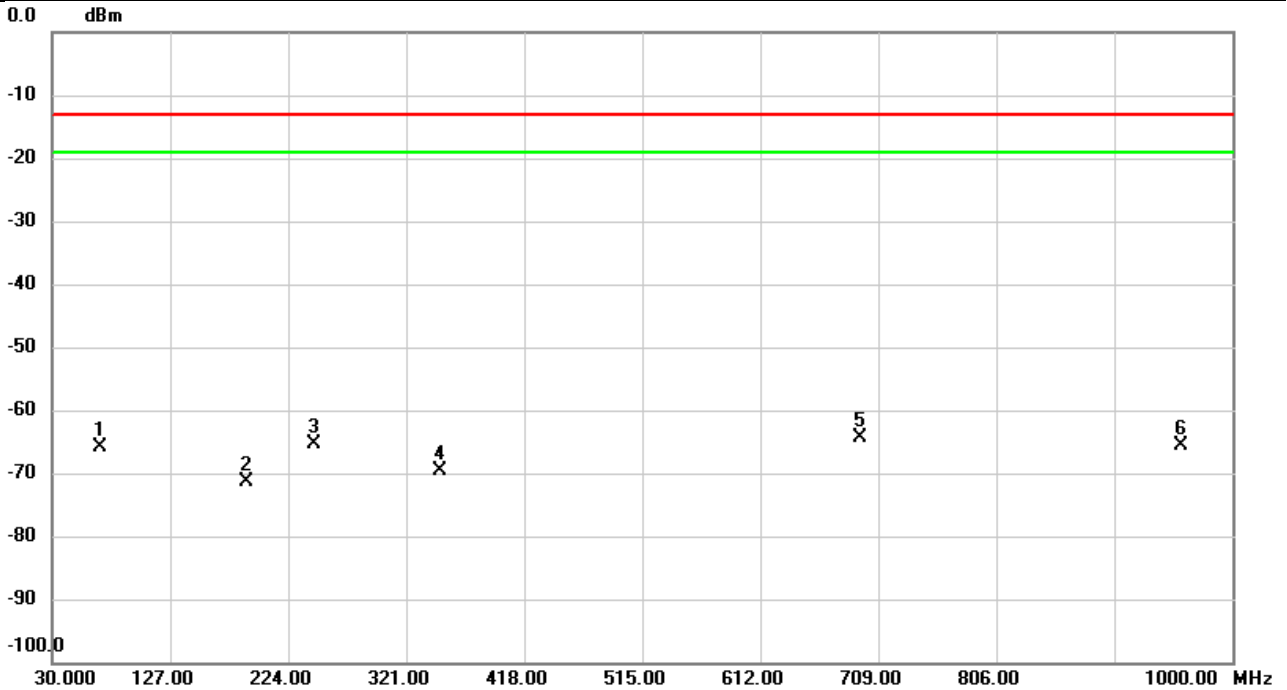


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	37.4367	-74.49	15.95	-58.54	-13.00	-45.54	peak	
2		80.2460	-64.94	5.70	-59.24	-13.00	-46.24	peak	
3		160.5297	-72.46	2.61	-69.85	-13.00	-56.85	peak	
4		246.7627	-68.62	-0.63	-69.25	-13.00	-56.25	peak	
5		469.1513	-77.51	12.17	-65.34	-13.00	-52.34	peak	
6		806.6467	-76.80	15.35	-61.45	-13.00	-48.45	peak	

REMARKS:

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

Test Mode	LTE Band7	Test Date	2022/3/3
Test Channel	CH21100	Polarization	Vertical
Temp	21°C	Hum.	64%

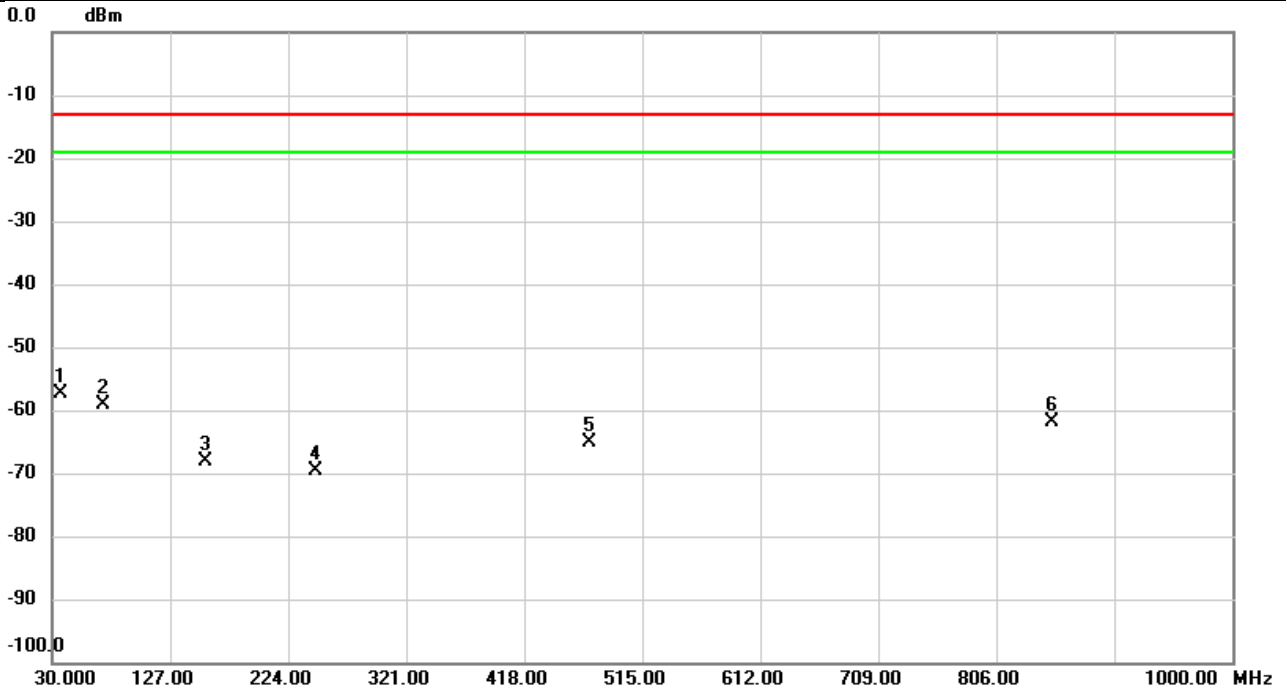


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		70.0610	-63.37	-2.50	-65.87	-13.00	-52.87	peak	
2		189.7590	-75.58	4.28	-71.30	-13.00	-58.30	peak	
3		244.9197	-73.13	7.71	-65.42	-13.00	-52.42	peak	
4		349.2916	-76.65	7.06	-69.59	-13.00	-56.59	peak	
5	*	694.5470	-77.44	13.07	-64.37	-13.00	-51.37	peak	
6		957.7727	-78.38	12.85	-65.53	-13.00	-52.53	peak	

REMARKS:

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

Test Mode	LTE Band7	Test Date	2022/3/3
Test Channel	CH21100	Polarization	Horizontal
Temp	21°C	Hum.	64%

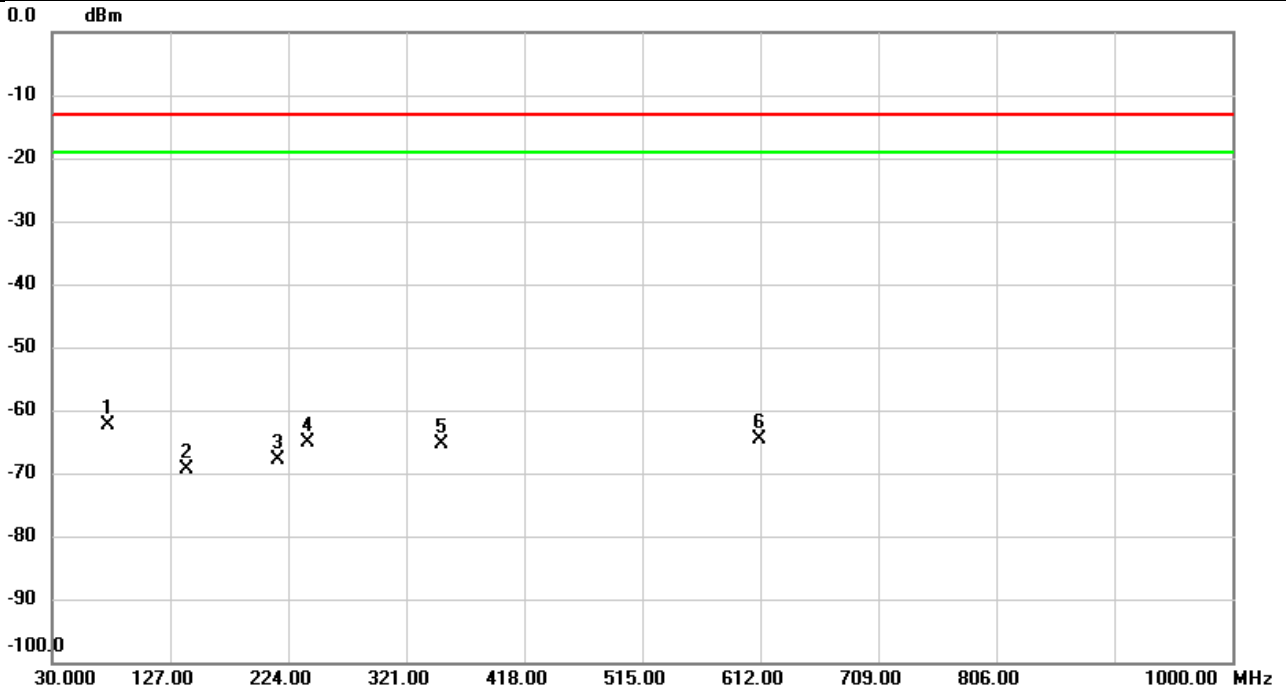


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	37.4690	-73.41	15.96	-57.45	-13.00	-44.45	peak	
2		72.2920	-63.74	4.56	-59.18	-13.00	-46.18	peak	
3		156.5203	-70.97	2.73	-68.24	-13.00	-55.24	peak	
4		246.8920	-69.03	-0.63	-69.66	-13.00	-56.66	peak	
5		471.0267	-77.13	12.09	-65.04	-13.00	-52.04	peak	
6		852.1397	-78.17	16.39	-61.78	-13.00	-48.78	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23095	Polarization	Vertical
Temp	21°C	Hum.	64%

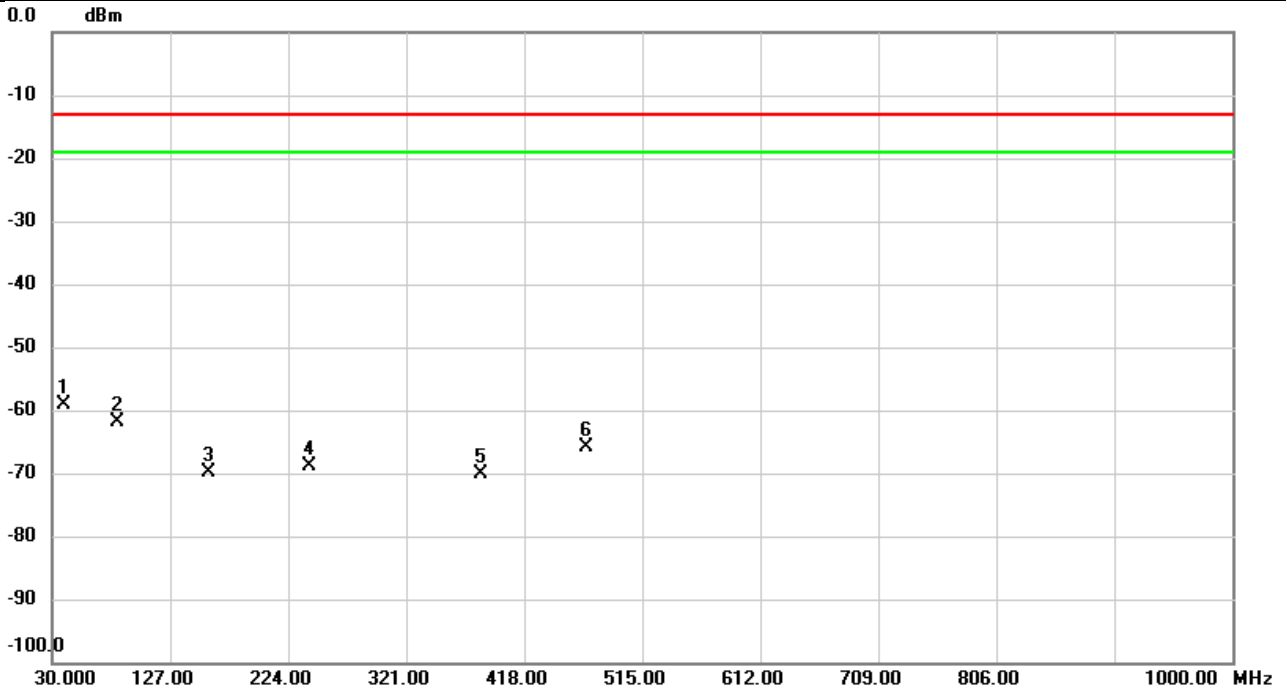


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	76.3660	-60.03	-2.22	-62.25	-13.00	-49.25	peak	
2		140.1920	-72.50	3.11	-69.39	-13.00	-56.39	peak	
3		216.0137	-70.71	2.73	-67.98	-13.00	-54.98	peak	
4		240.3930	-72.95	7.74	-65.21	-13.00	-52.21	peak	
5		350.5203	-72.27	7.01	-65.26	-13.00	-52.26	peak	
6		611.3857	-77.49	12.84	-64.65	-13.00	-51.65	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/3
Test Channel	CH23095	Polarization	Horizontal
Temp	21°C	Hum.	64%

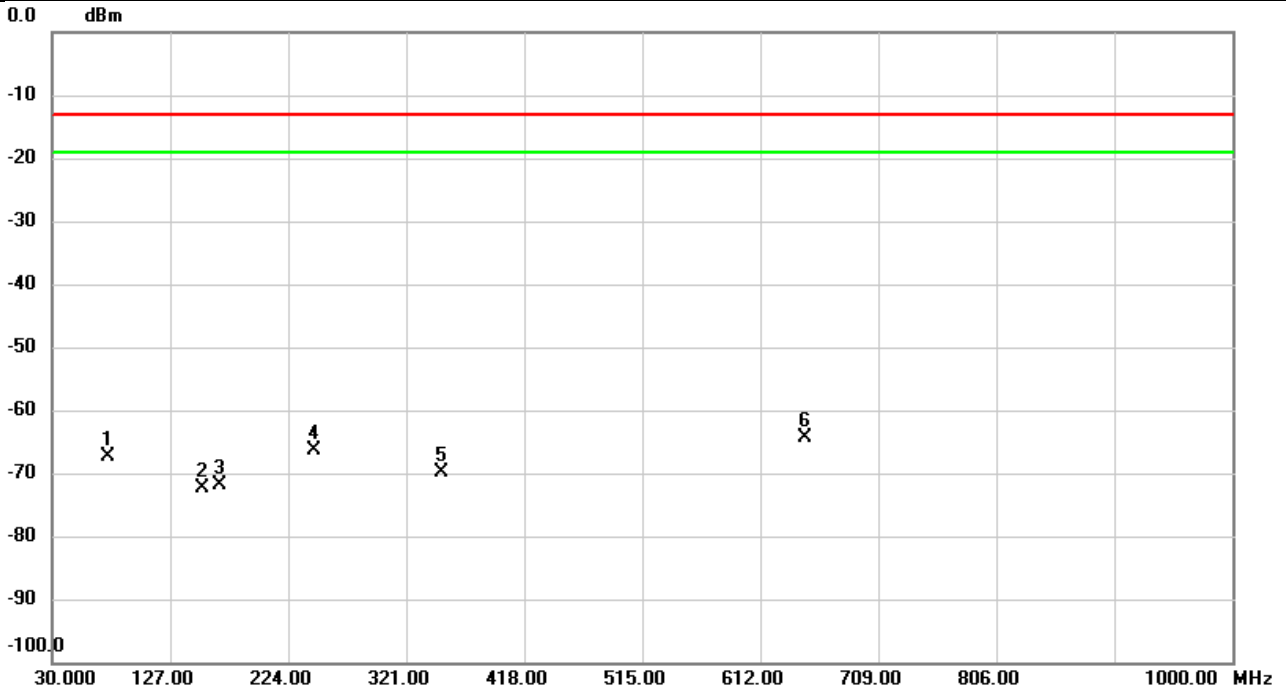


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	39.3120	-75.99	16.79	-59.20	-13.00	-46.20	peak	
2		83.0590	-67.09	5.11	-61.98	-13.00	-48.98	peak	
3		158.2663	-72.53	2.69	-69.84	-13.00	-56.84	peak	
4		242.0420	-68.26	-0.52	-68.78	-13.00	-55.78	peak	
5		382.1100	-75.64	5.43	-70.21	-13.00	-57.21	peak	
6		468.8603	-78.00	12.18	-65.82	-13.00	-52.82	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/3
Test Channel	CH23230	Polarization	Vertical
Temp	21°C	Hum.	64%

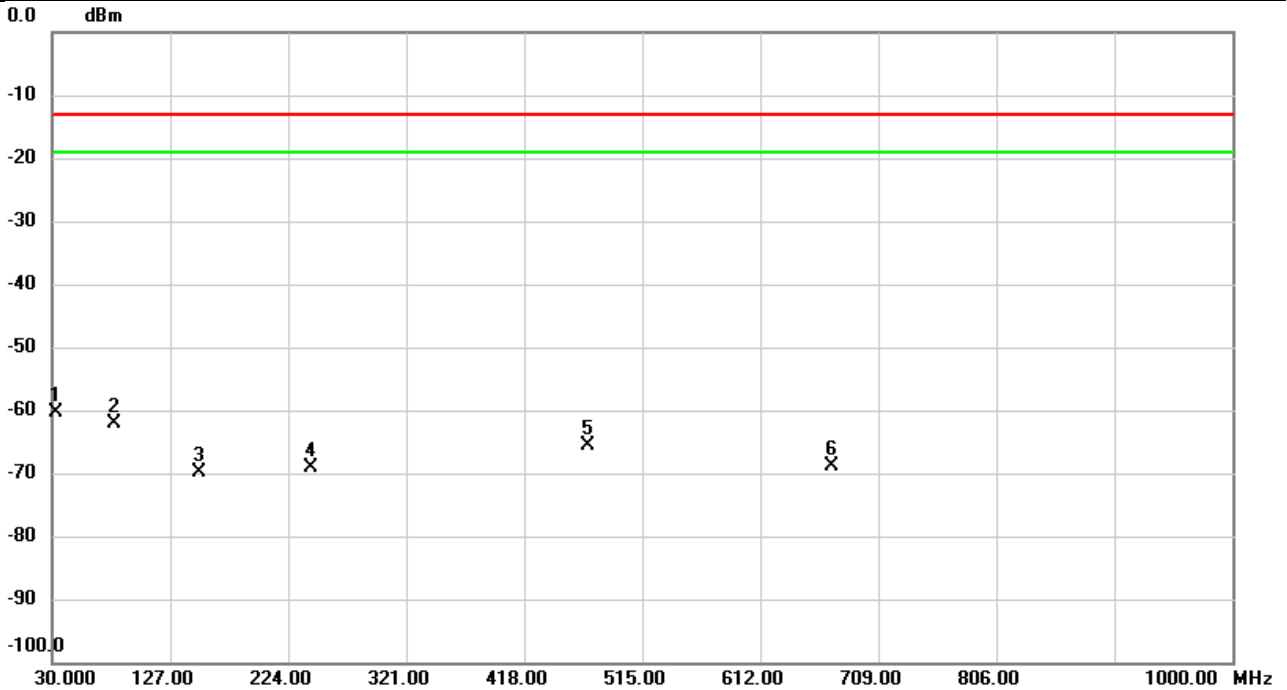


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		75.5253	-65.17	-2.26	-67.43	-13.00	-54.43	peak	
2		153.3517	-76.02	3.59	-72.43	-13.00	-59.43	peak	
3		167.1257	-74.98	3.10	-71.88	-13.00	-58.88	peak	
4		245.5987	-74.05	7.71	-66.34	-13.00	-53.34	peak	
5		349.7120	-76.80	7.05	-69.75	-13.00	-56.75	peak	
6	*	649.2157	-77.64	13.26	-64.38	-13.00	-51.38	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/3
Test Channel	CH23230	Polarization	Horizontal
Temp	21°C	Hum.	64%

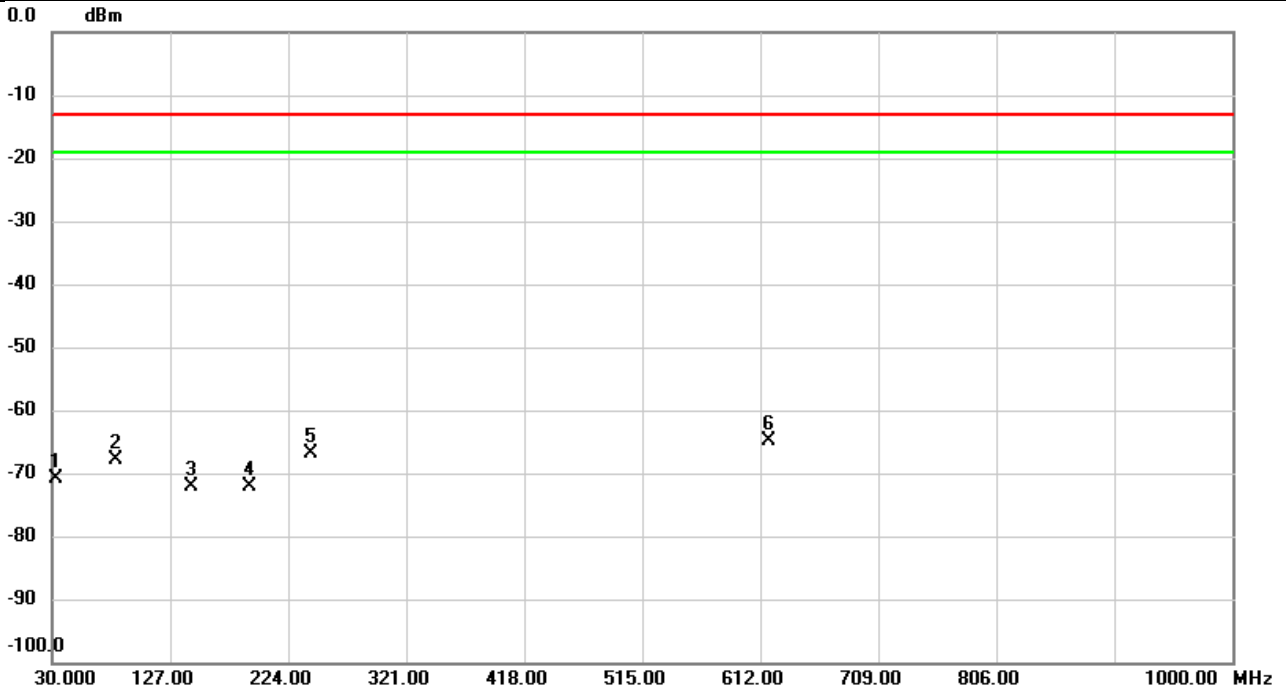


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	33.2333	-75.23	14.90	-60.33	-13.00	-47.33	peak	
2		80.6663	-67.67	5.61	-62.06	-13.00	-49.06	peak	
3		150.3122	-72.73	2.89	-69.84	-13.00	-56.84	peak	
4		243.0120	-68.69	-0.54	-69.23	-13.00	-56.23	peak	
5		469.9273	-77.78	12.13	-65.65	-13.00	-52.65	peak	
6		670.4587	-76.93	8.06	-68.87	-13.00	-55.87	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23790	Polarization	Vertical
Temp	21°C	Hum.	64%

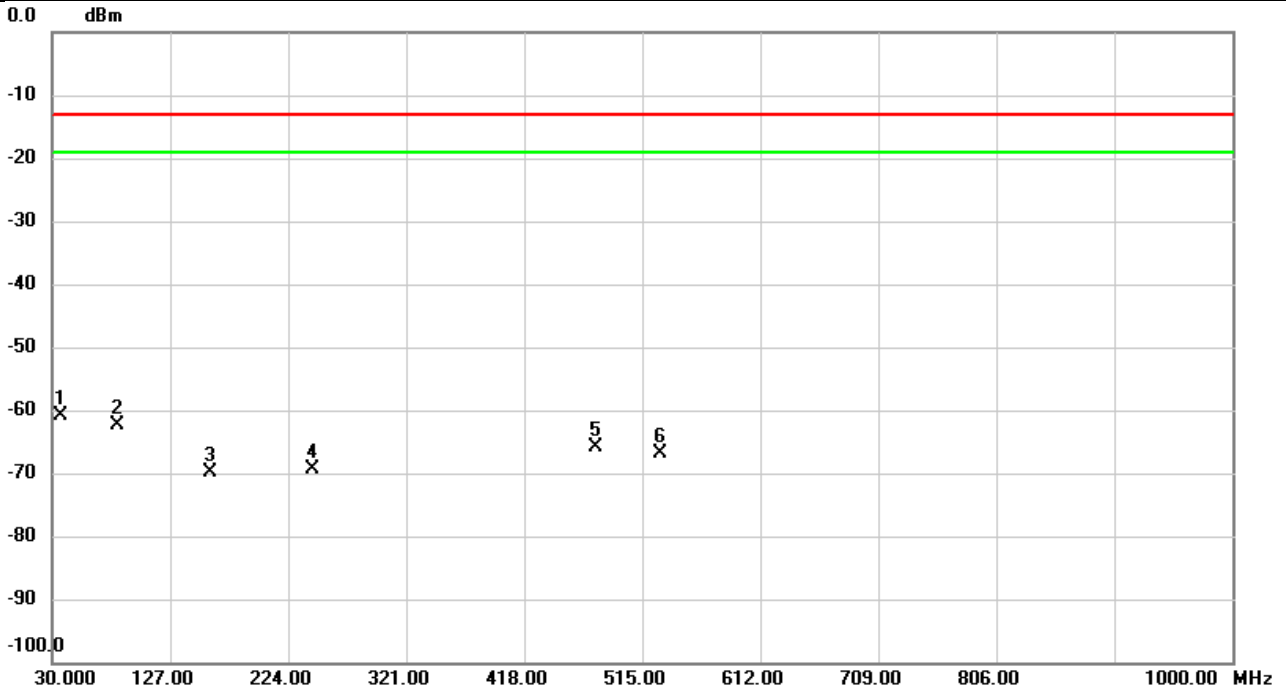


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		33.1363	-67.16	-3.69	-70.85	-13.00	-57.85	peak	
2		82.9620	-65.90	-1.99	-67.89	-13.00	-54.89	peak	
3		144.4600	-75.48	3.26	-72.22	-13.00	-59.22	peak	
4		192.5397	-76.16	3.95	-72.21	-13.00	-59.21	peak	
5		242.3653	-74.64	7.73	-66.91	-13.00	-53.91	peak	
6	*	618.6607	-77.81	12.92	-64.89	-13.00	-51.89	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/3
Test Channel	CH23790	Polarization	Horizontal
Temp	21°C	Hum.	64%

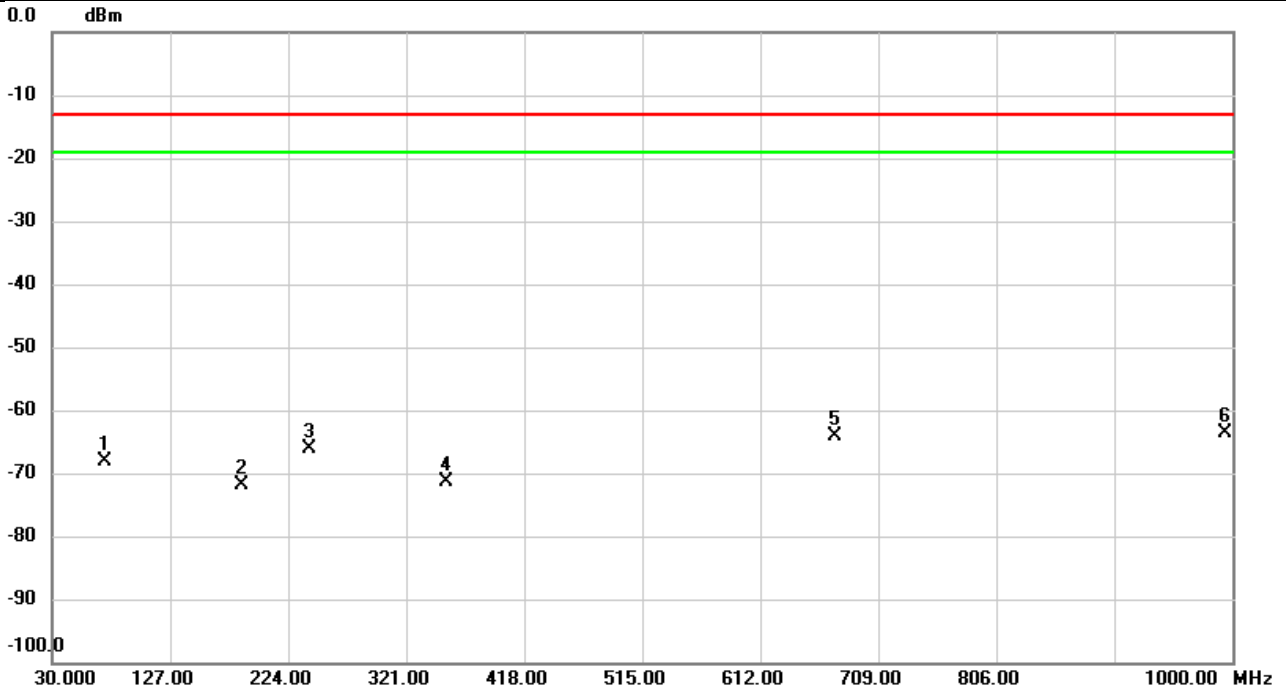


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	37.0162	-76.56	15.76	-60.80	-13.00	-47.80	peak	
2		83.5763	-67.47	5.00	-62.47	-13.00	-49.47	peak	
3		160.6266	-72.41	2.61	-69.80	-13.00	-56.80	peak	
4		244.3053	-68.74	-0.57	-69.31	-13.00	-56.31	peak	
5		477.0407	-77.73	11.83	-65.90	-13.00	-52.90	peak	
6		529.8410	-76.36	9.59	-66.77	-13.00	-53.77	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/3
Test Channel	CH27710	Polarization	Vertical
Temp	21°C	Hum.	64%

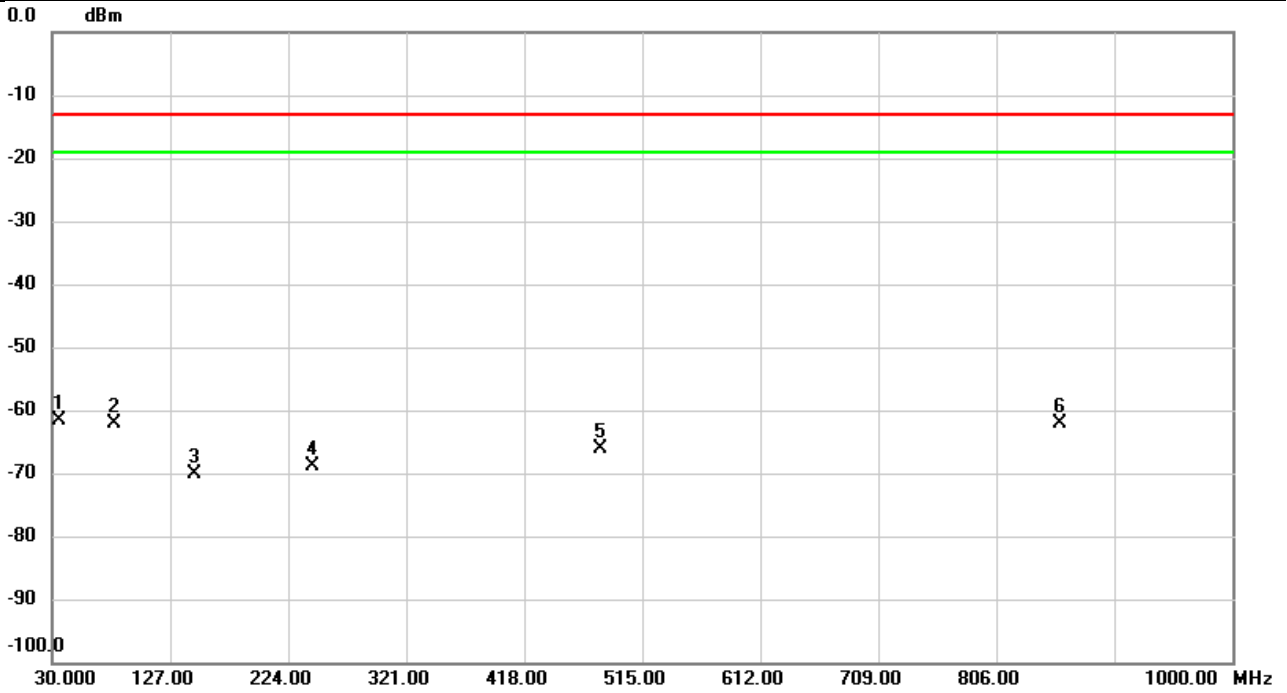


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		73.6822	-65.79	-2.34	-68.13	-13.00	-55.13	peak	
2		185.4910	-75.87	4.12	-71.75	-13.00	-58.75	peak	
3		241.4277	-73.81	7.73	-66.08	-13.00	-53.08	peak	
4		354.2710	-78.10	6.70	-71.40	-13.00	-58.40	peak	
5		673.4333	-77.23	13.17	-64.06	-13.00	-51.06	peak	
6	*	994.4387	-78.50	14.94	-63.56	-13.00	-50.56	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/3
Test Channel	CH27710	Polarization	Horizontal
Temp	21°C	Hum.	64%

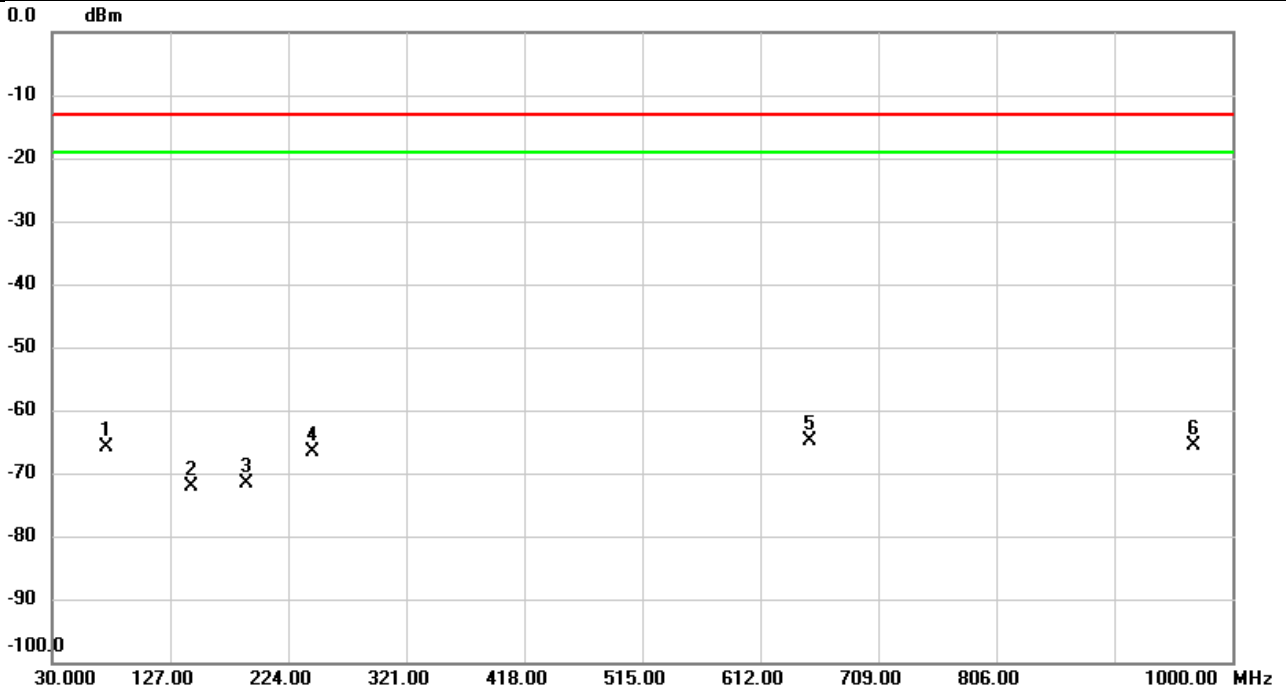


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	35.9493	-76.96	15.28	-61.68	-13.00	-48.68	peak	
2		81.5393	-67.67	5.43	-62.24	-13.00	-49.24	peak	
3		146.7233	-72.95	2.83	-70.12	-13.00	-57.12	peak	
4		244.6933	-68.29	-0.58	-68.87	-13.00	-55.87	peak	
5		480.8237	-77.73	11.67	-66.06	-13.00	-53.06	peak	
6		858.2830	-78.43	16.30	-62.13	-13.00	-49.13	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/3
Test Channel	CH37997	Polarization	Vertical
Temp	21°C	Hum.	64%

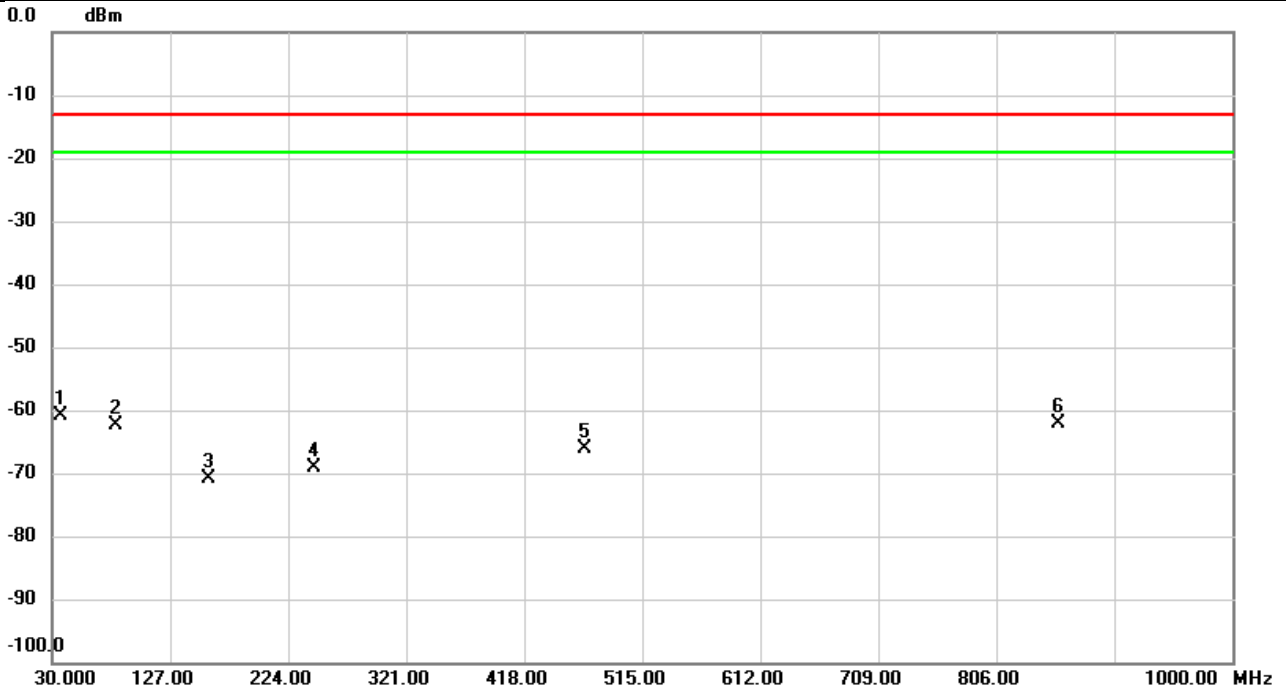


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		74.0380	-63.59	-2.32	-65.91	-13.00	-52.91	peak	
2		144.8803	-75.52	3.28	-72.24	-13.00	-59.24	peak	
3		189.4680	-75.84	4.27	-71.57	-13.00	-58.57	peak	
4		244.2730	-74.28	7.71	-66.57	-13.00	-53.57	peak	
5	*	652.7400	-78.07	13.26	-64.81	-13.00	-51.81	peak	
6		968.5073	-79.16	13.46	-65.70	-13.00	-52.70	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/3
Test Channel	CH37997	Polarization	Horizontal
Temp	21°C	Hum.	64%

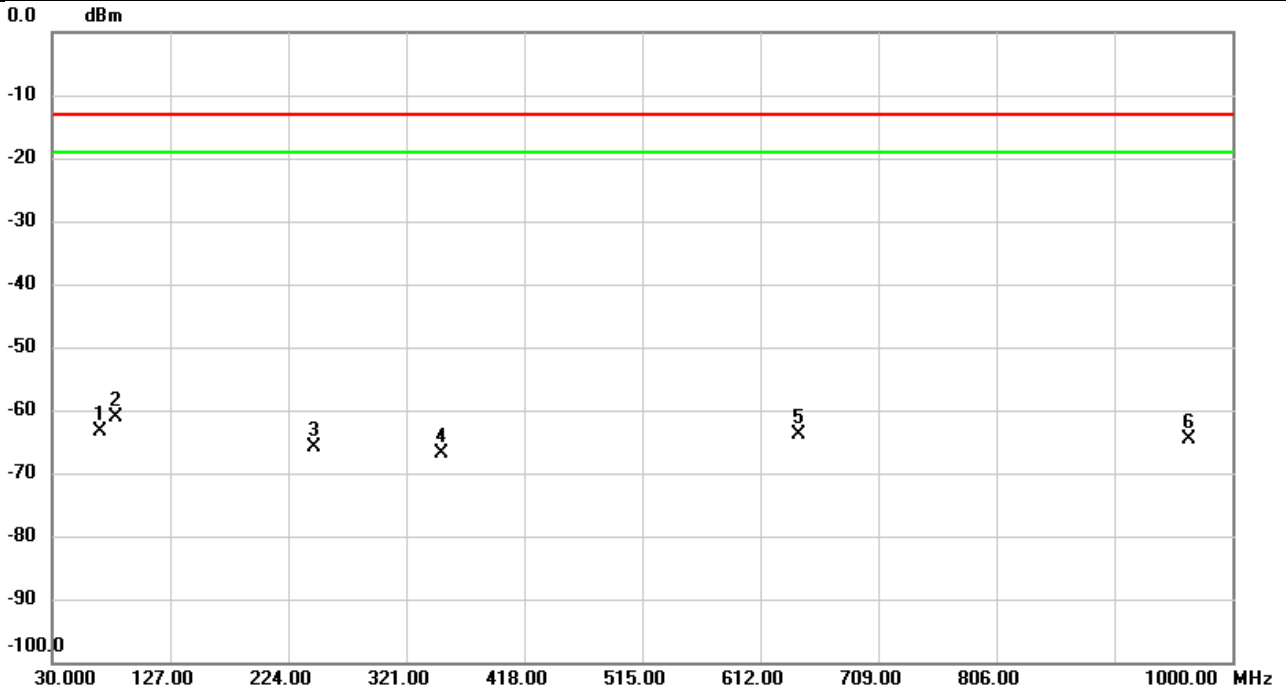


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	37.1780	-76.72	15.83	-60.89	-13.00	-47.89	peak	
2		82.6063	-67.70	5.21	-62.49	-13.00	-49.49	peak	
3		158.1693	-73.55	2.69	-70.86	-13.00	-57.86	peak	
4		245.2753	-68.65	-0.59	-69.24	-13.00	-56.24	peak	
5		467.1790	-78.28	12.25	-66.03	-13.00	-53.03	peak	
6		856.9573	-78.50	16.32	-62.18	-13.00	-49.18	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/3
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	64%

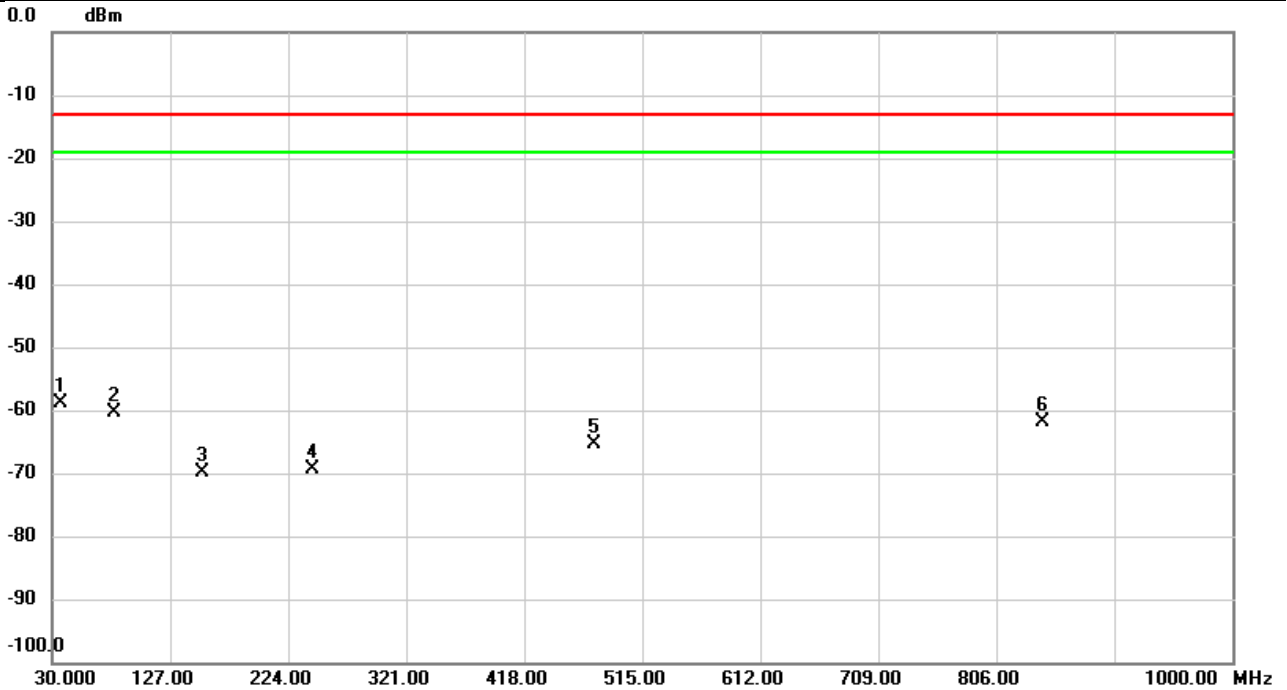


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		69.0262	-61.03	-2.43	-63.46	-13.00	-50.46	peak	
2	*	82.5740	-59.16	-2.00	-61.16	-13.00	-48.16	peak	
3		245.3077	-73.57	7.71	-65.86	-13.00	-52.86	peak	
4		350.4233	-73.78	7.02	-66.76	-13.00	-53.76	peak	
5		643.2987	-77.17	13.19	-63.98	-13.00	-50.98	peak	
6		964.2717	-77.84	13.22	-64.62	-13.00	-51.62	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/3
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	64%

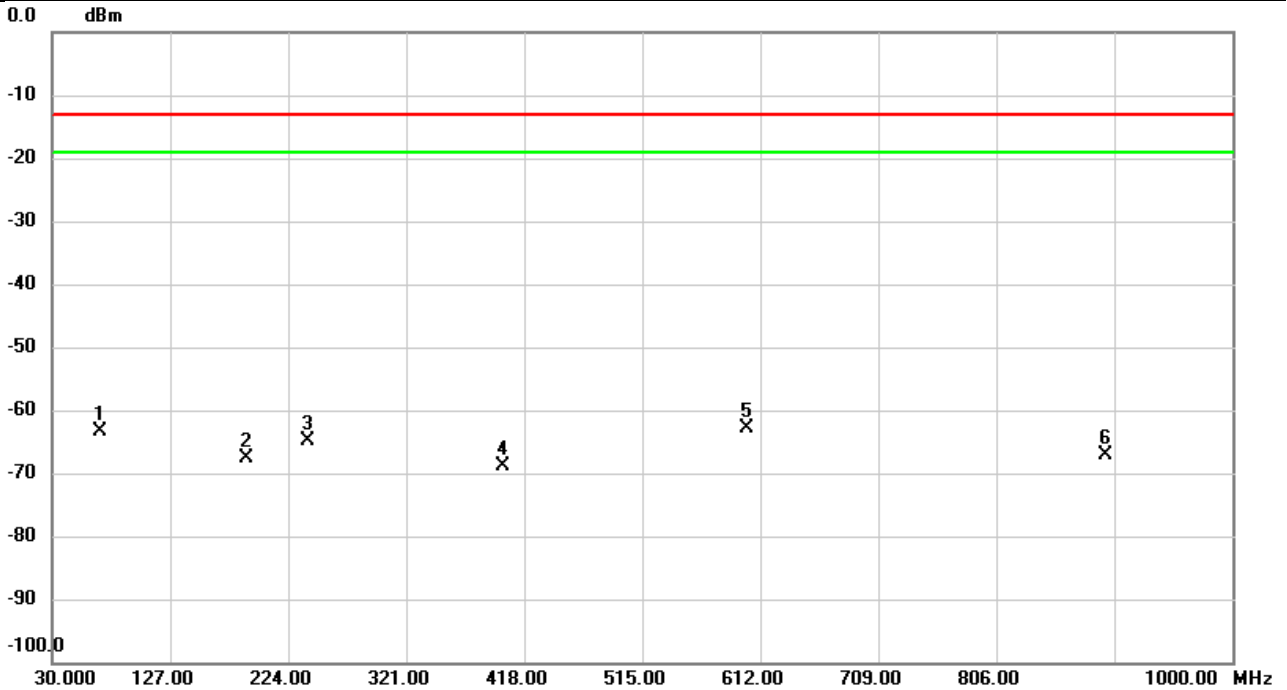


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	36.6930	-74.44	15.61	-58.83	-13.00	-45.83	peak	
2		81.6040	-65.79	5.41	-60.38	-13.00	-47.38	peak	
3		153.2870	-72.67	2.81	-69.86	-13.00	-56.86	peak	
4		244.3377	-68.70	-0.57	-69.27	-13.00	-56.27	peak	
5		475.6180	-77.27	11.89	-65.38	-13.00	-52.38	peak	
6		843.7653	-78.25	16.27	-61.98	-13.00	-48.98	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	64%

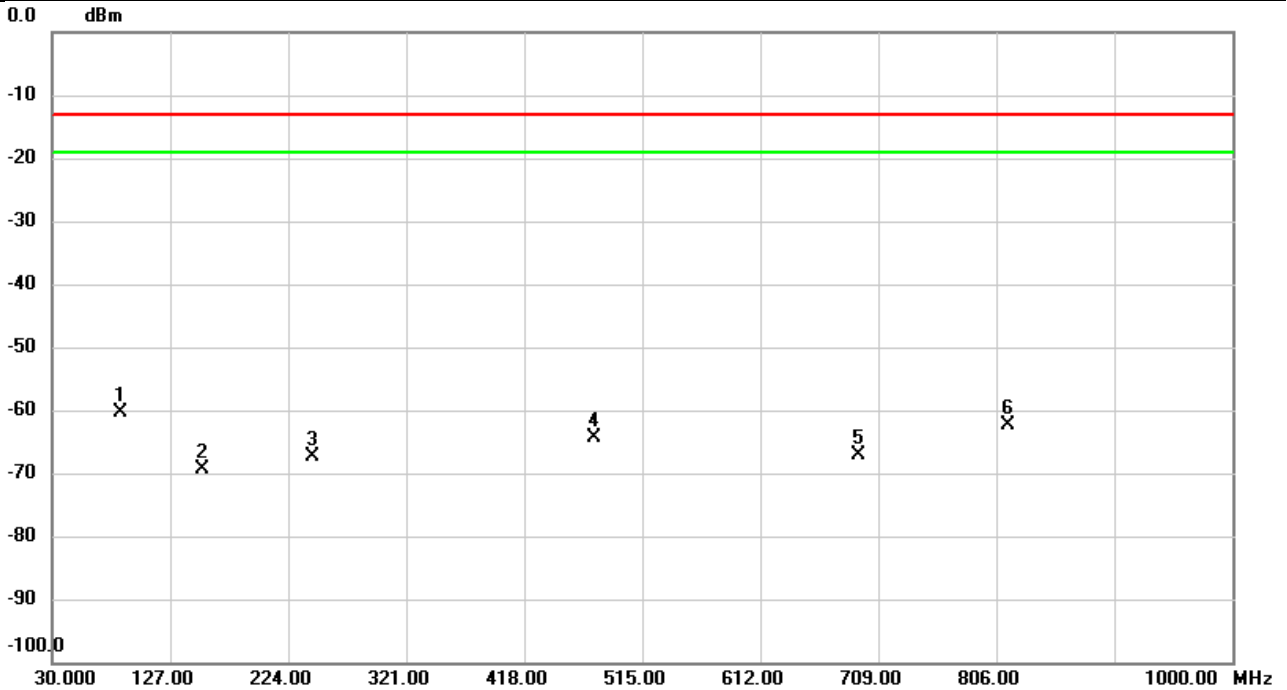


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1		69.0262	-61.03	-2.43	-63.46	-13.00	-50.46	peak	
2		189.6296	-71.92	4.28	-67.64	-13.00	-54.64	peak	
3		240.2313	-72.52	7.74	-64.78	-13.00	-51.78	peak	
4		399.9580	-71.89	2.92	-68.97	-13.00	-55.97	peak	
5	*	600.8450	-75.52	12.72	-62.80	-13.00	-49.80	peak	
6		895.9836	-77.99	10.92	-67.07	-13.00	-54.07	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	64%

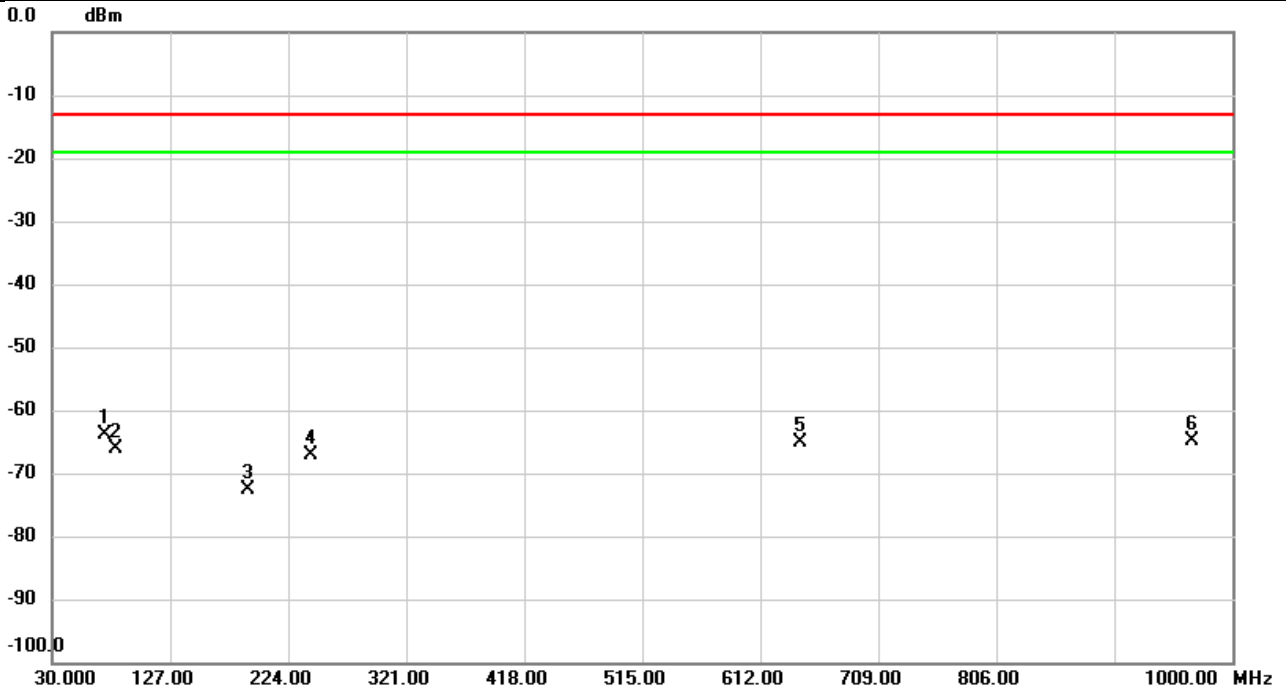


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	85.8071	-64.92	4.54	-60.38	-13.00	-47.38	peak	
2		153.2870	-72.17	2.81	-69.36	-13.00	-56.36	peak	
3		244.3376	-66.70	-0.57	-67.27	-13.00	-54.27	peak	
4		475.6180	-76.27	11.89	-64.38	-13.00	-51.38	peak	
5		692.8010	-76.11	9.06	-67.05	-13.00	-54.05	peak	
6		815.2471	-77.95	15.57	-62.38	-13.00	-49.38	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/3
Test Channel	CH132322	Polarization	Vertical
Temp	21°C	Hum.	64%

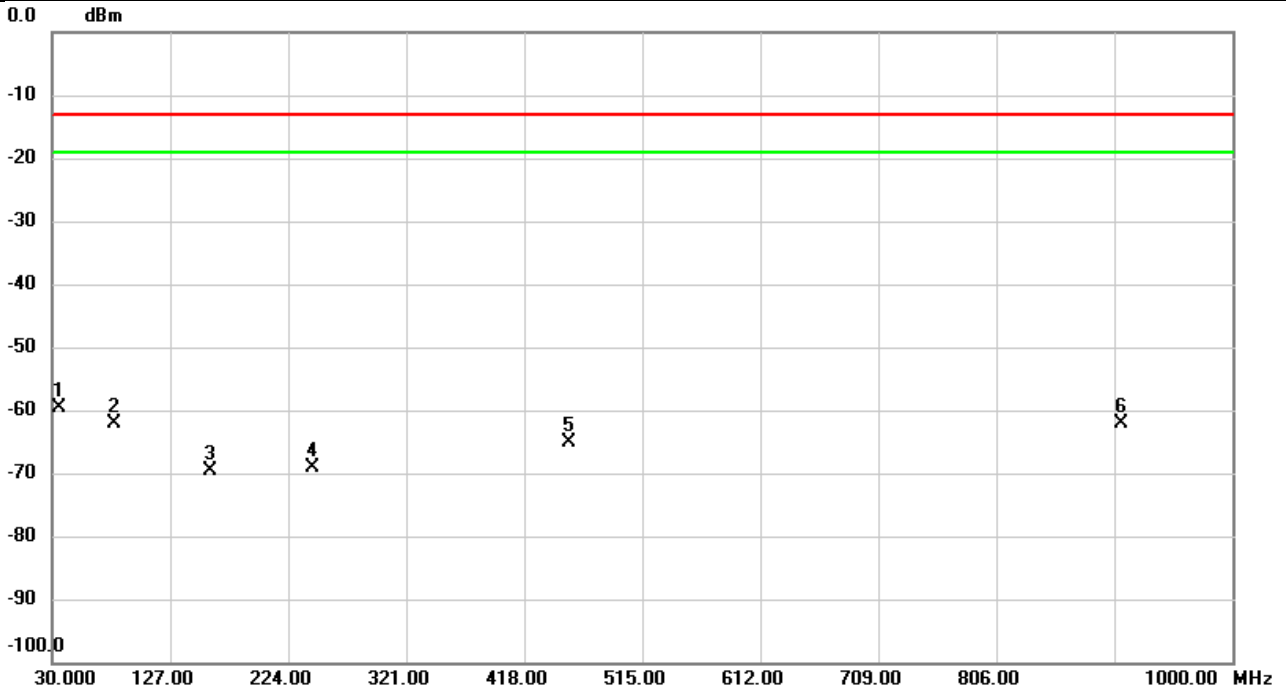


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	73.2943	-61.52	-2.35	-63.87	-13.00	-50.87	peak	
2		82.8327	-64.20	-1.99	-66.19	-13.00	-53.19	peak	
3		191.1817	-76.70	4.13	-72.57	-13.00	-59.57	peak	
4		243.0120	-74.85	7.72	-67.13	-13.00	-54.13	peak	
5		645.0447	-78.22	13.21	-65.01	-13.00	-52.01	peak	
6		967.3433	-78.34	13.40	-64.94	-13.00	-51.94	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/3
Test Channel	CH132322	Polarization	Horizontal
Temp	21°C	Hum.	64%

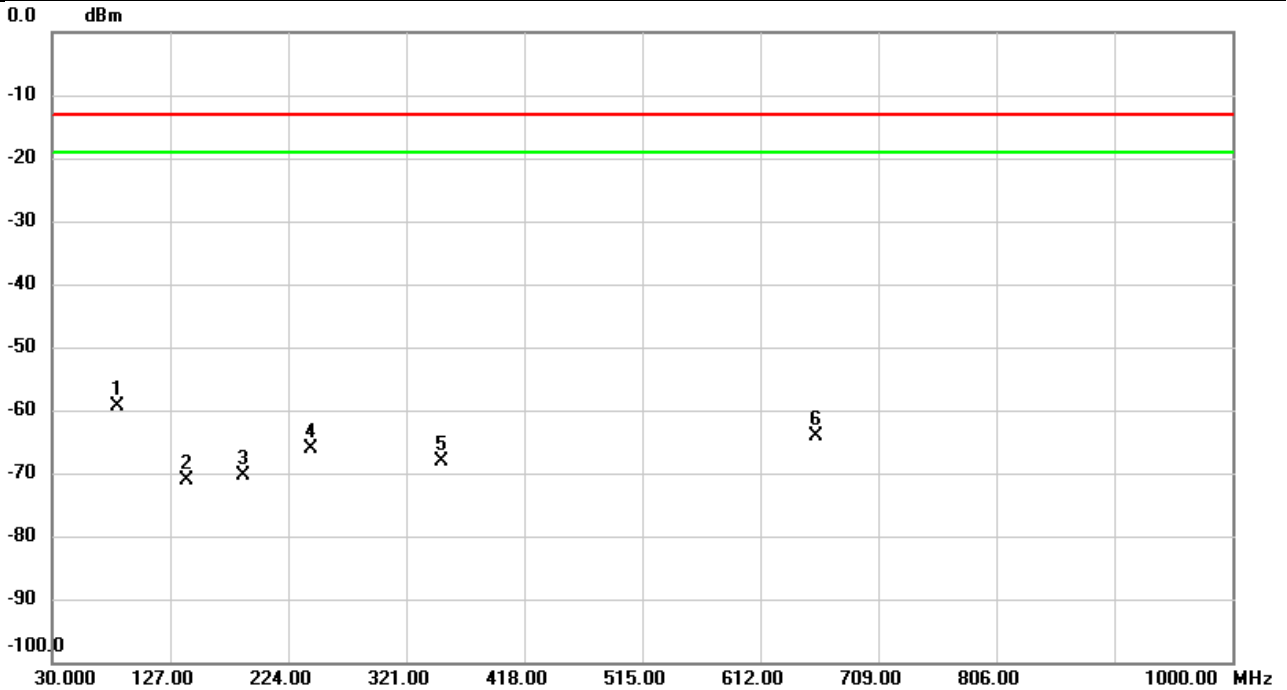


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	35.2703	-74.54	14.97	-59.57	-13.00	-46.57	peak	
2		80.6987	-67.61	5.60	-62.01	-13.00	-49.01	peak	
3		160.4973	-72.14	2.62	-69.52	-13.00	-56.52	peak	
4		244.1437	-68.60	-0.57	-69.17	-13.00	-56.17	peak	
5		455.2157	-77.56	12.39	-65.17	-13.00	-52.17	peak	
6		908.7230	-77.33	15.22	-62.11	-13.00	-49.11	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/3
Test Channel	CH133297	Polarization	Vertical
Temp	21°C	Hum.	64%

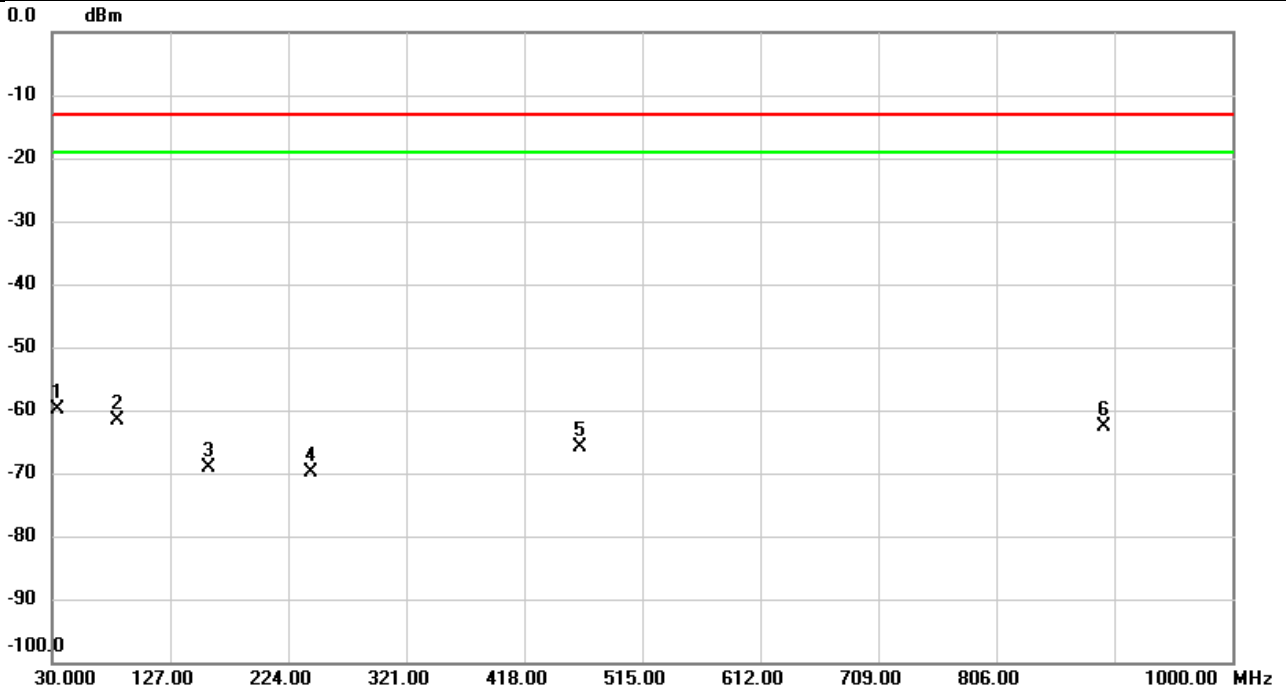


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	83.8350	-57.51	-1.97	-59.48	-13.00	-46.48	peak	
2		140.0950	-74.16	3.10	-71.06	-13.00	-58.06	peak	
3		187.2693	-74.57	4.19	-70.38	-13.00	-57.38	peak	
4		243.3677	-73.89	7.72	-66.17	-13.00	-53.17	peak	
5		350.2293	-75.25	7.03	-68.22	-13.00	-55.22	peak	
6		657.5253	-77.32	13.24	-64.08	-13.00	-51.08	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/3
Test Channel	CH133297	Polarization	Horizontal
Temp	21°C	Hum.	64%

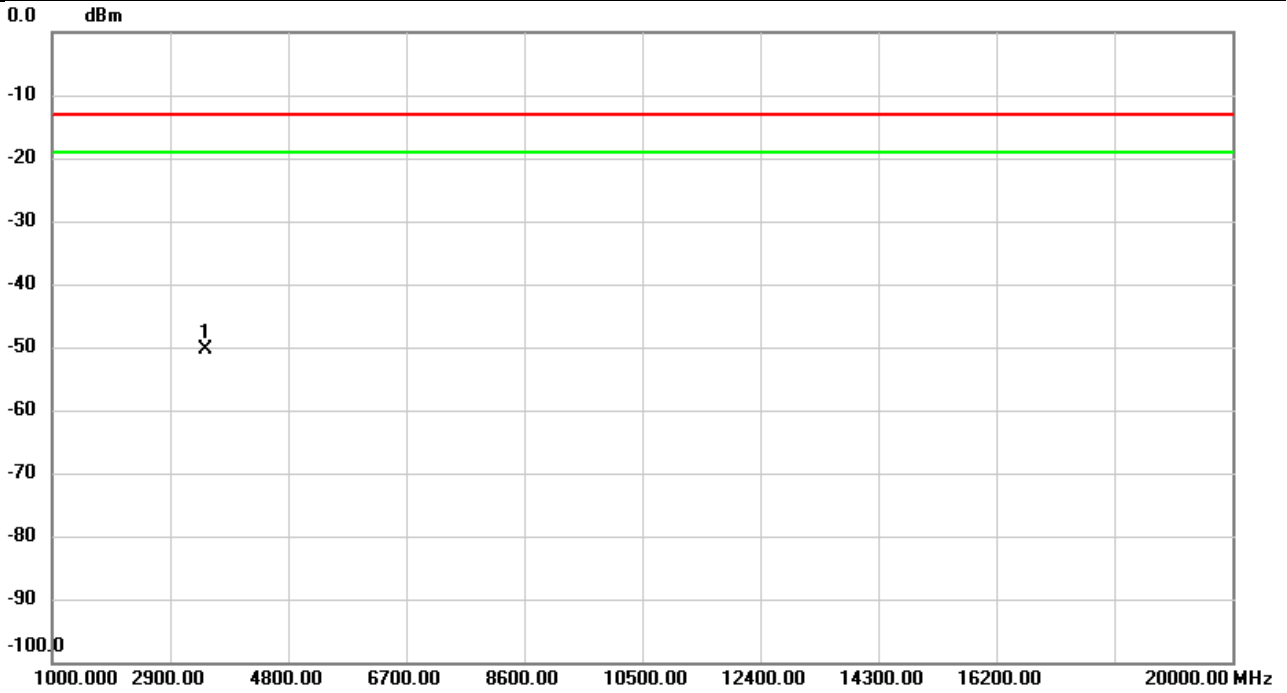


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	34.0417	-74.87	14.88	-59.99	-13.00	-46.99	peak	
2		83.5440	-66.74	5.01	-61.73	-13.00	-48.73	peak	
3		158.3310	-71.71	2.68	-69.03	-13.00	-56.03	peak	
4		242.2360	-69.25	-0.52	-69.77	-13.00	-56.77	peak	
5		464.0750	-78.28	12.38	-65.90	-13.00	-52.90	peak	
6		895.1430	-78.40	15.79	-62.61	-13.00	-49.61	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Vertical
Temp	21°C	Hum.	64%

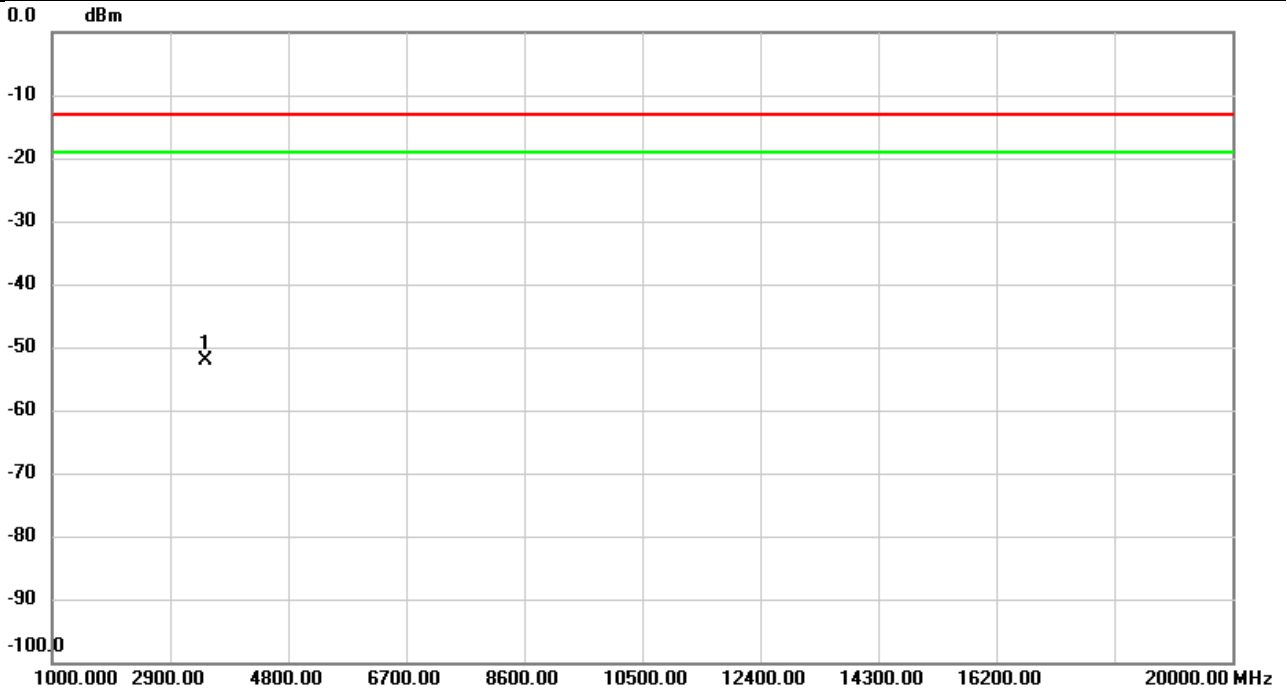


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3462.400	-48.53	-1.91	-50.44	-13.00	-37.44	peak	

REMARKS:

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

Test Mode	WCDMA Band IV	Test Date	2022/3/3
Test Channel	CH1413	Polarization	Horizontal
Temp	21°C	Hum.	64%

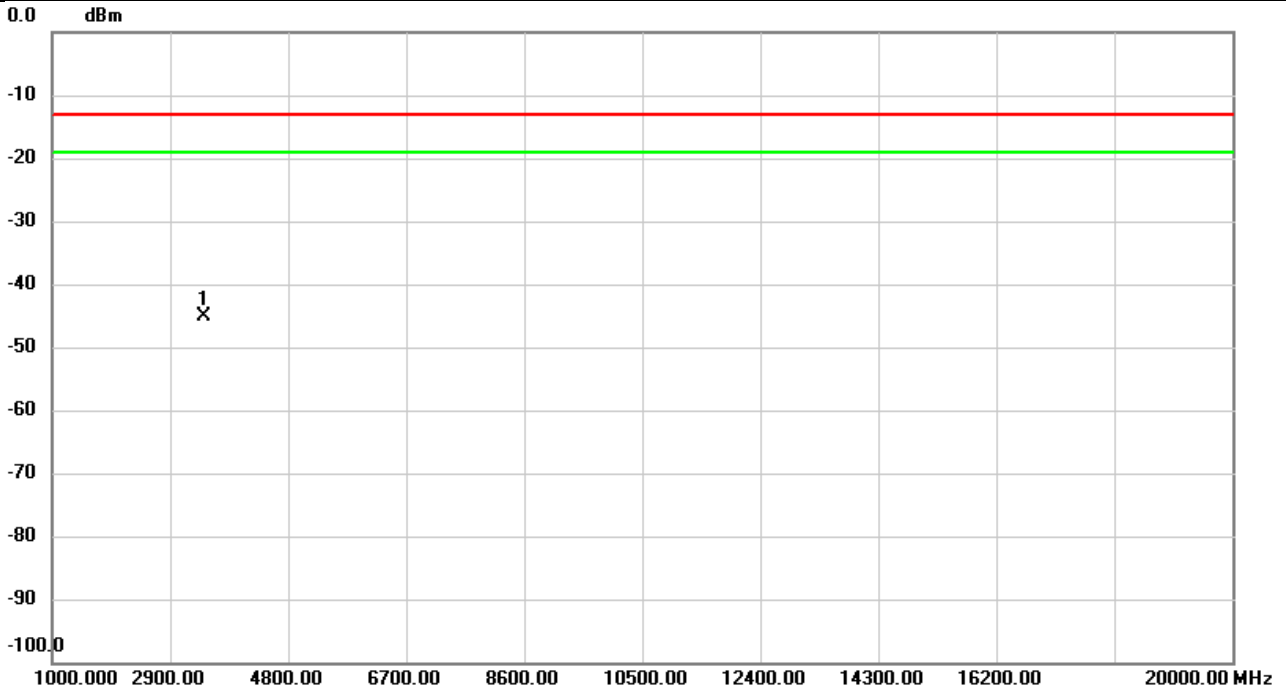


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3463.667	-50.09	-2.05	-52.14	-13.00	-39.14	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/4
Test Channel	CH20175	Polarization	Vertical
Temp	21°C	Hum.	64%

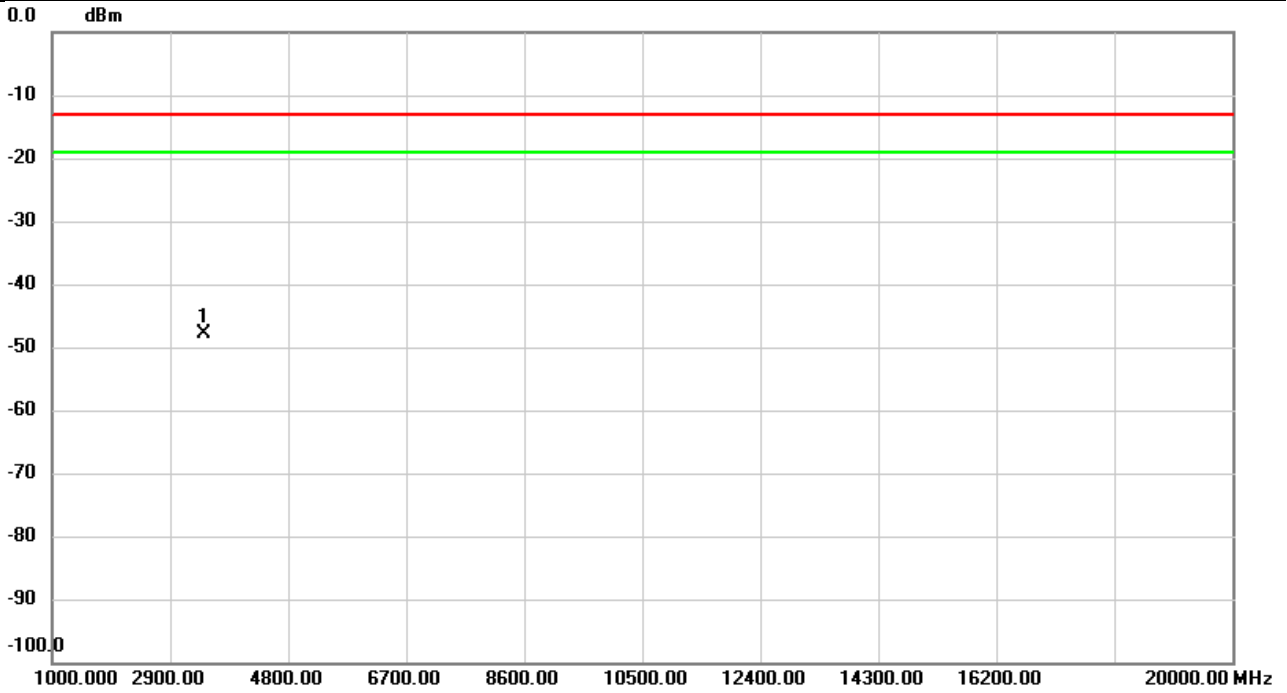


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3447.200	-43.19	-1.88	-45.07	-13.00	-32.07	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/3/4
Test Channel	CH20175	Polarization	Horizontal
Temp	21°C	Hum.	64%

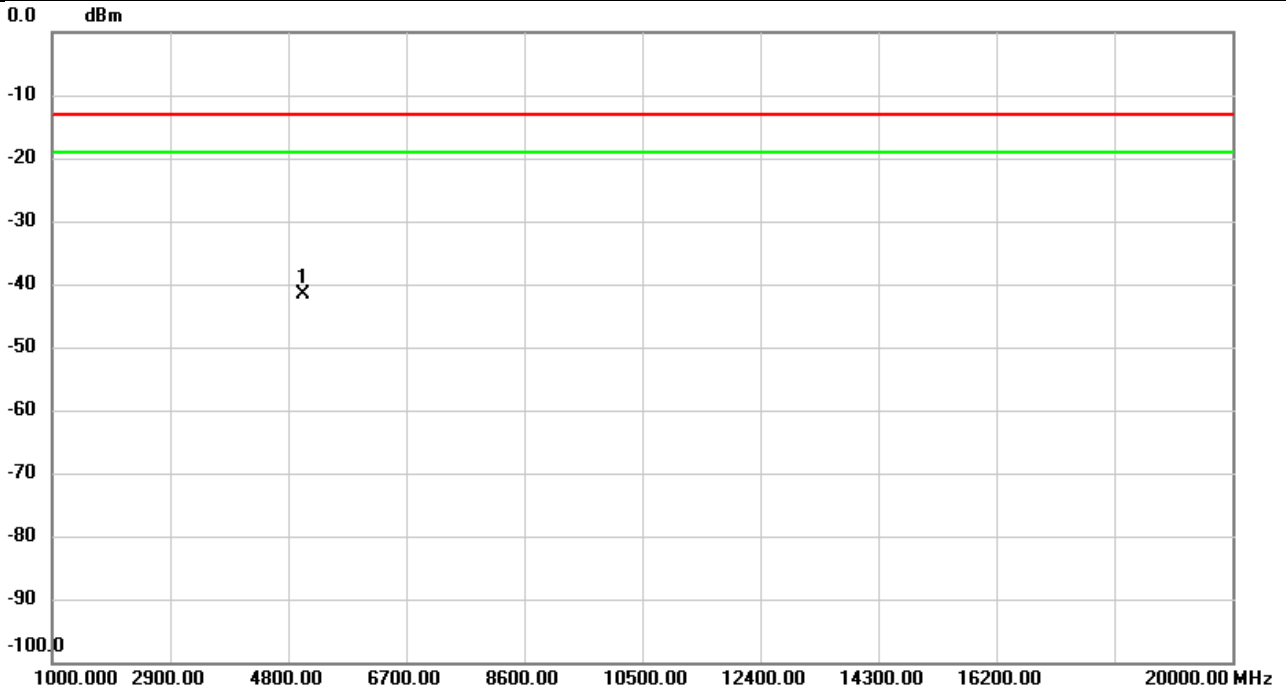


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3447.833	-45.55	-2.37	-47.92	-13.00	-34.92	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/4
Test Channel	CH21100	Polarization	Vertical
Temp	21°C	Hum.	64%

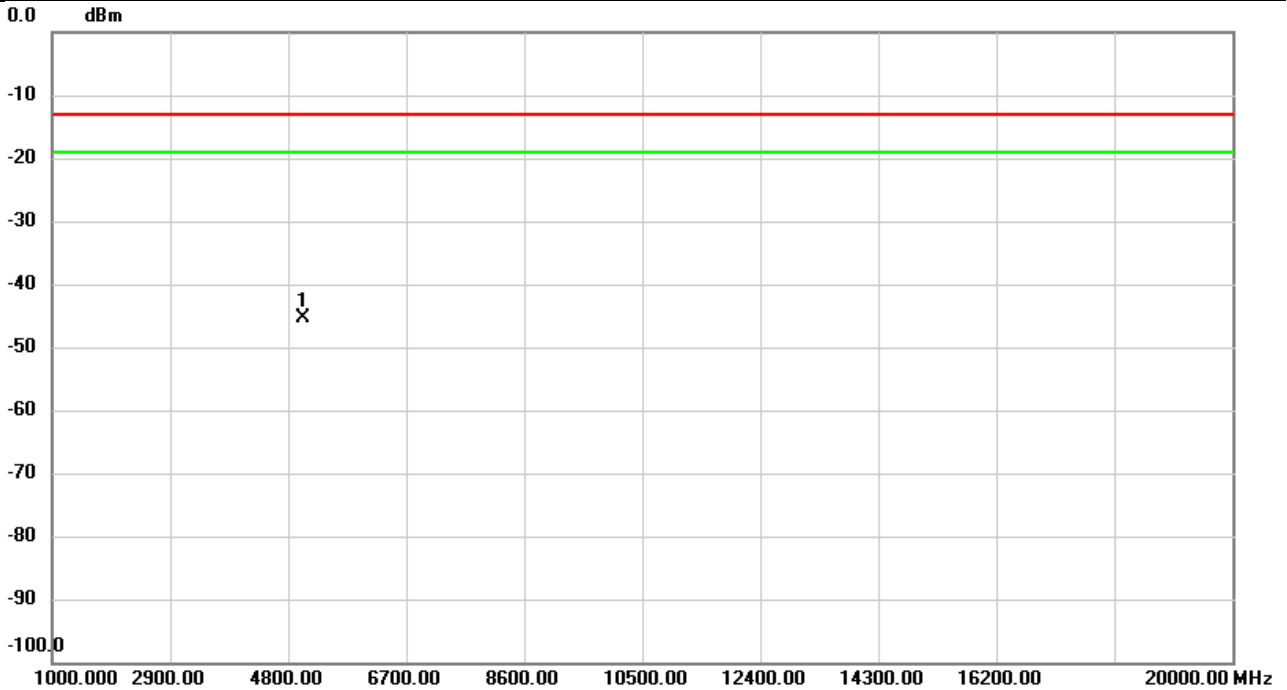


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5052.067	-43.86	2.14	-41.72	-13.00	-28.72	peak	

REMARKS:

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

Test Mode	LTE Band 7	Test Date	2022/3/4
Test Channel	CH21100	Polarization	Horizontal
Temp	21°C	Hum.	64%

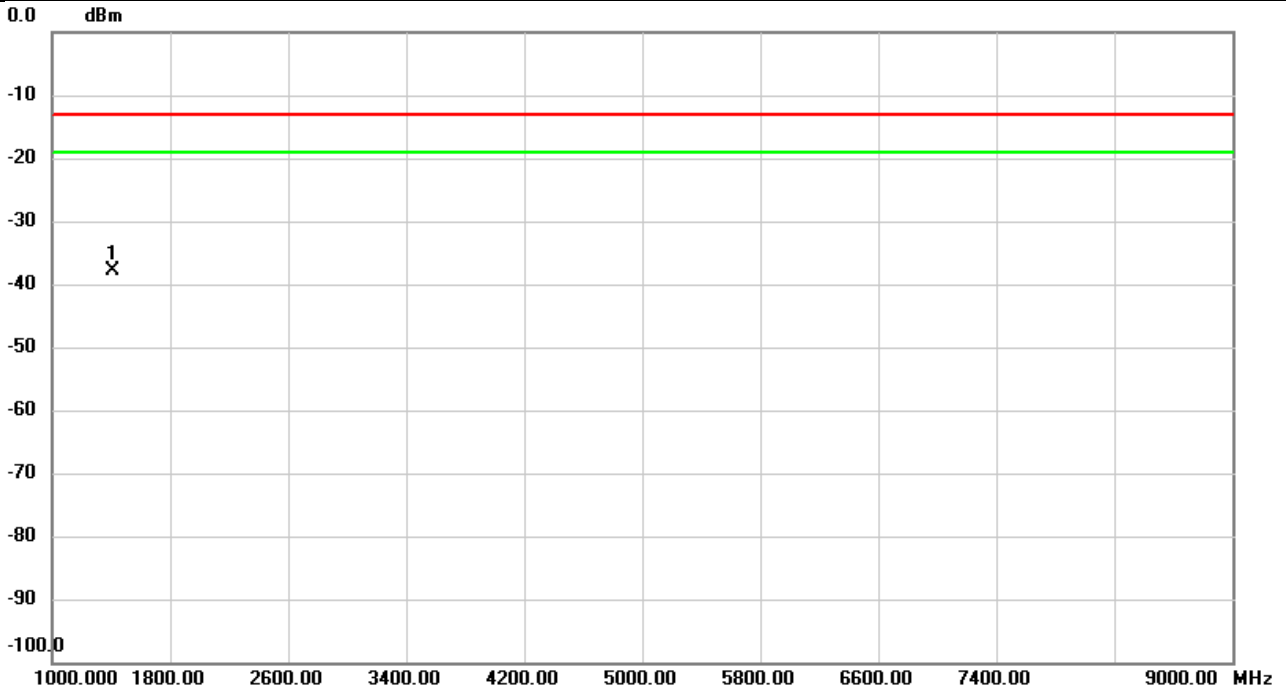


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5052.067	-48.48	3.11	-45.37	-13.00	-32.37	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/4
Test Channel	CH23095	Polarization	Vertical
Temp	21°C	Hum.	64%

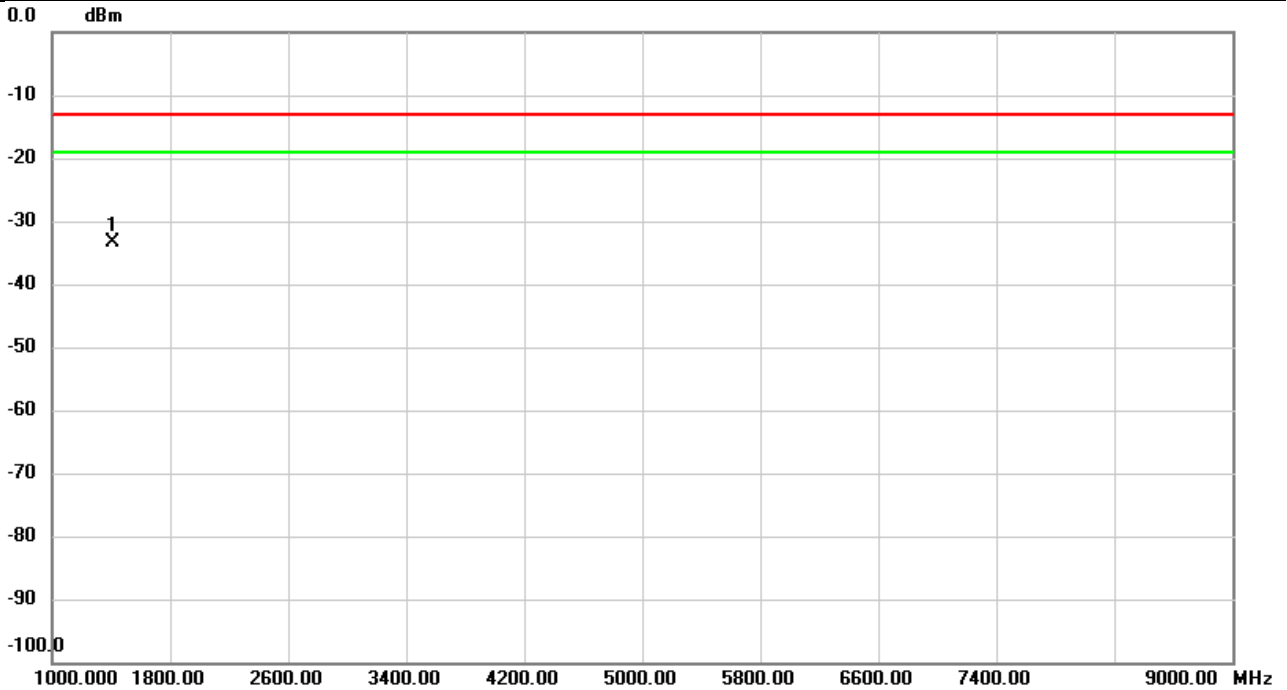


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1406.400	-29.79	-8.20	-37.99	-13.00	-24.99	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/3/4
Test Channel	CH23095	Polarization	Horizontal
Temp	21°C	Hum.	64%

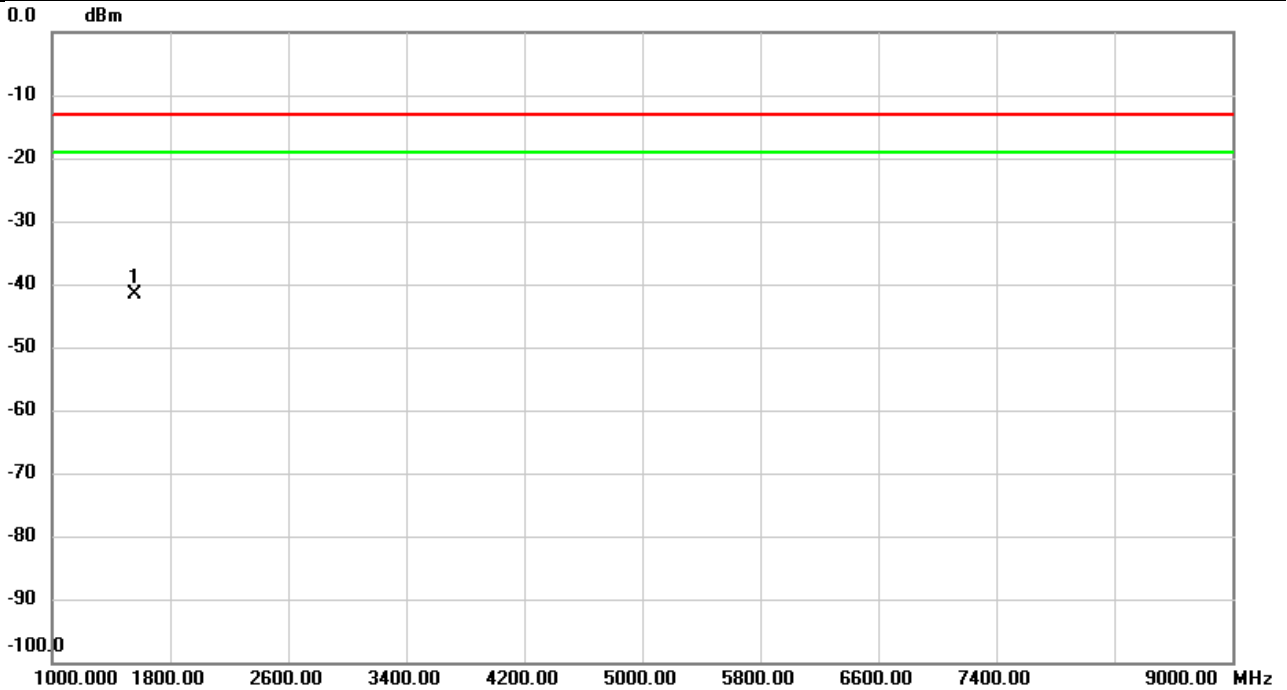


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1406.400	-26.01	-7.38	-33.39	-13.00	-20.39	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/4
Test Channel	CH23230	Polarization	Vertical
Temp	21°C	Hum.	64%

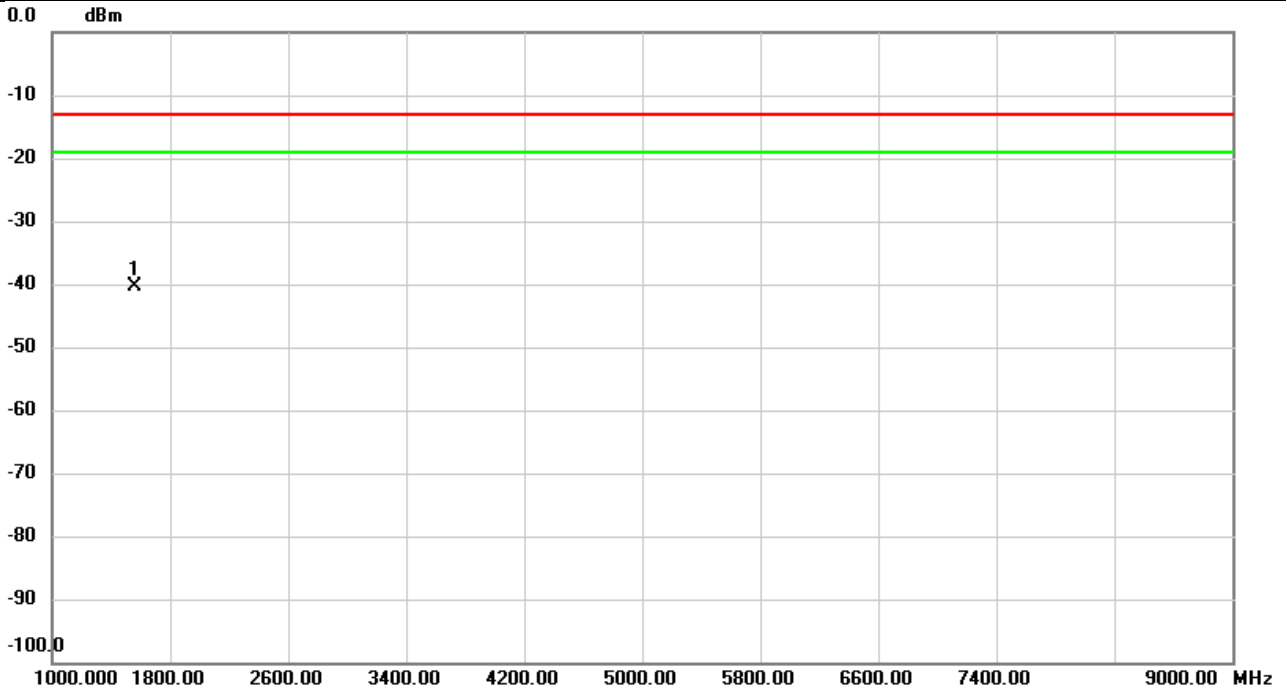


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1555.467	-33.11	-8.53	-41.64	-13.00	-28.64	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/3/4
Test Channel	CH23230	Polarization	Horizontal
Temp	21°C	Hum.	64%

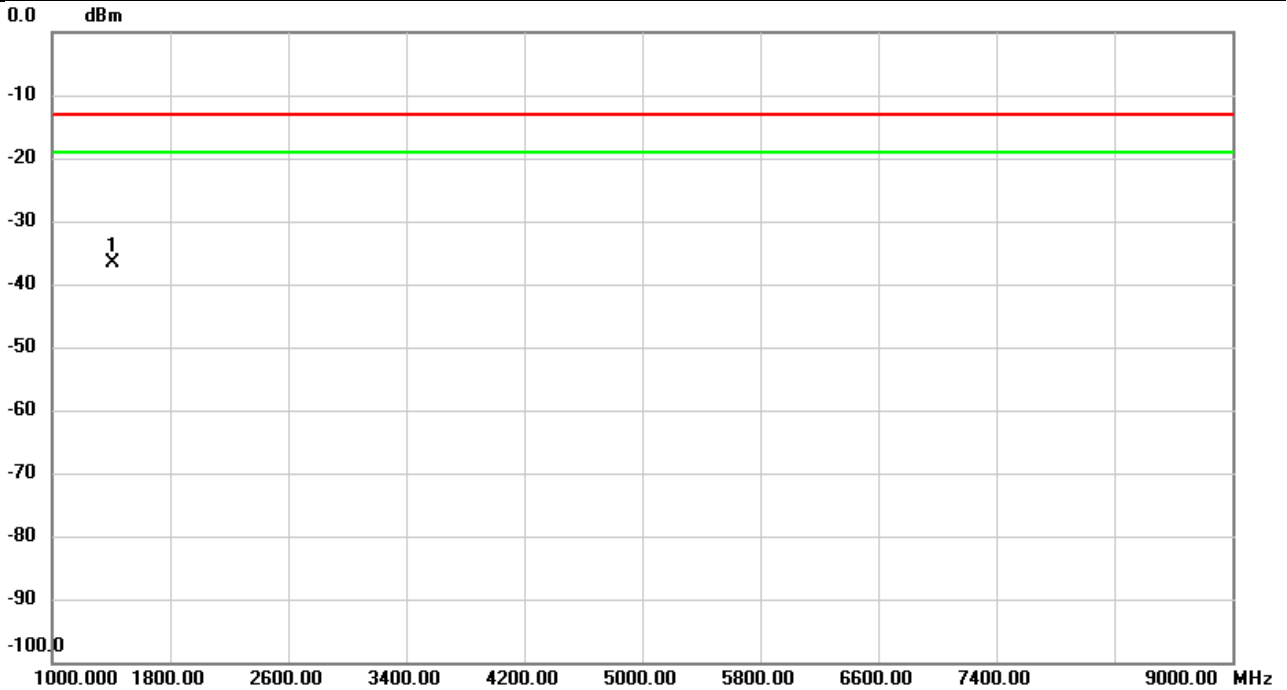


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1555.200	-32.85	-7.61	-40.46	-13.00	-27.46	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/4
Test Channel	CH23790	Polarization	Vertical
Temp	21°C	Hum.	64%

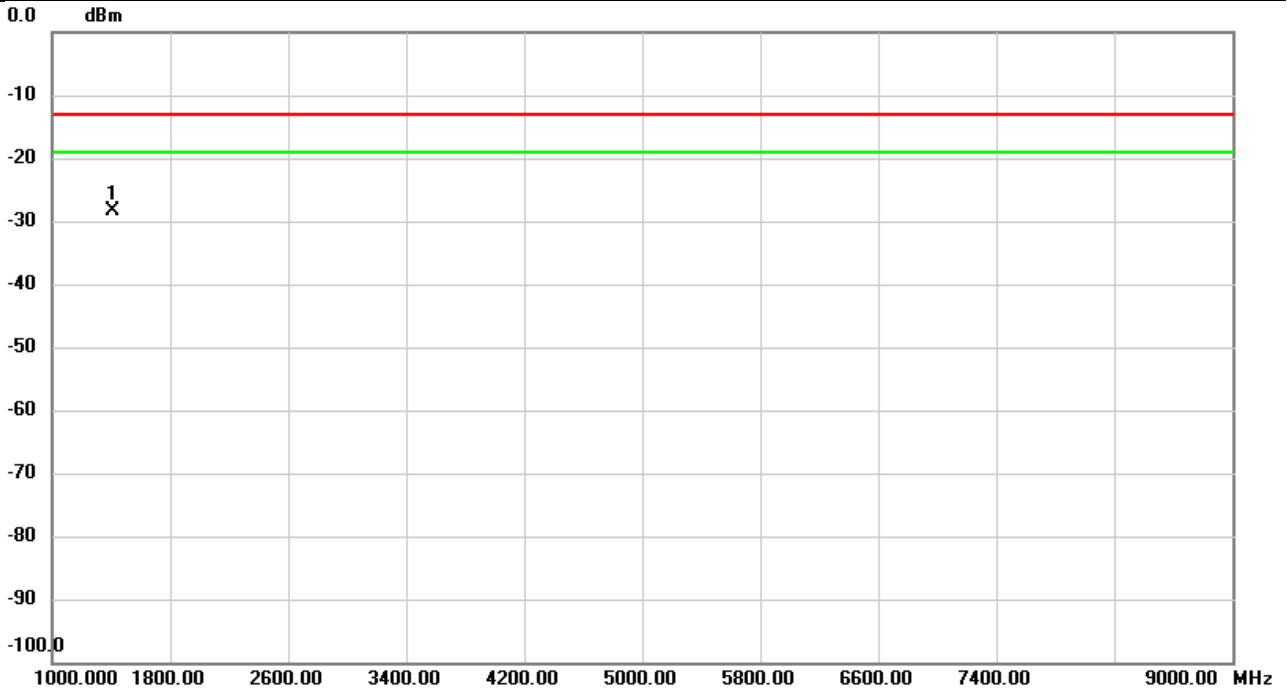


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1411.467	-28.43	-8.25	-36.68	-13.00	-23.68	peak	

REMARKS:

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

Test Mode	LTE Band 17	Test Date	2022/3/4
Test Channel	CH23790	Polarization	Horizontal
Temp	21°C	Hum.	64%

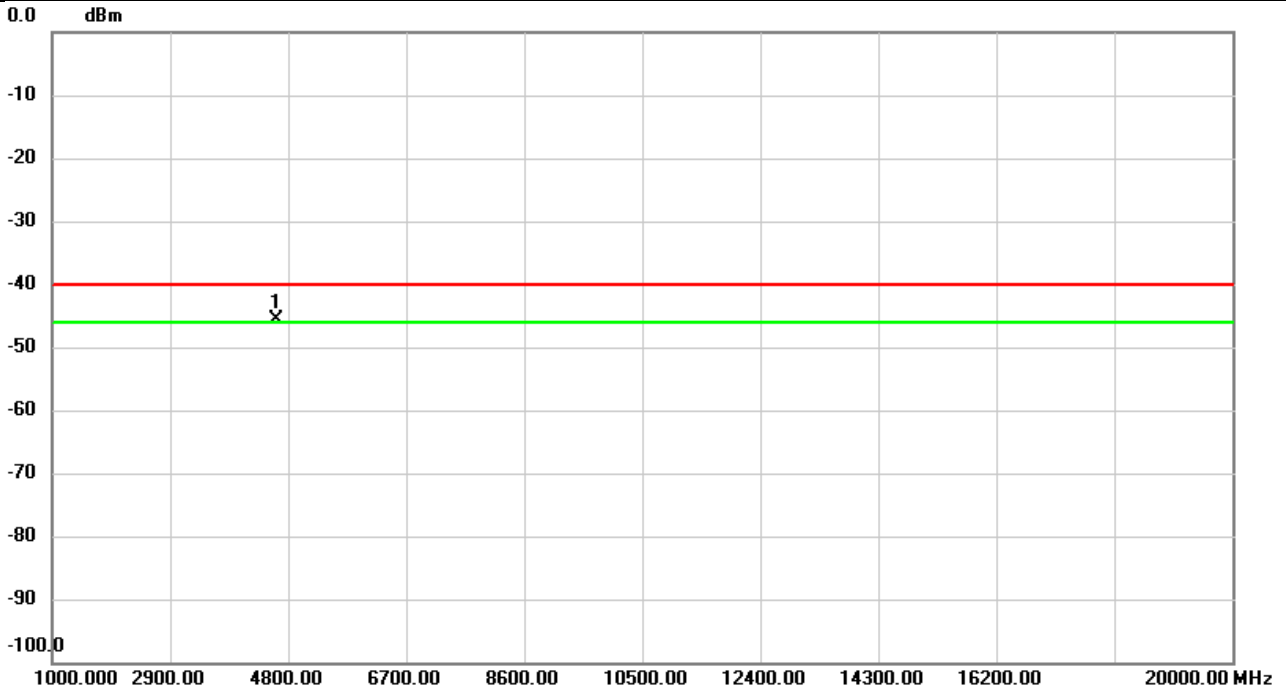


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1411.200	-20.88	-7.40	-28.28	-13.00	-15.28	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/4
Test Channel	CH27710	Polarization	Vertical
Temp	21°C	Hum.	64%

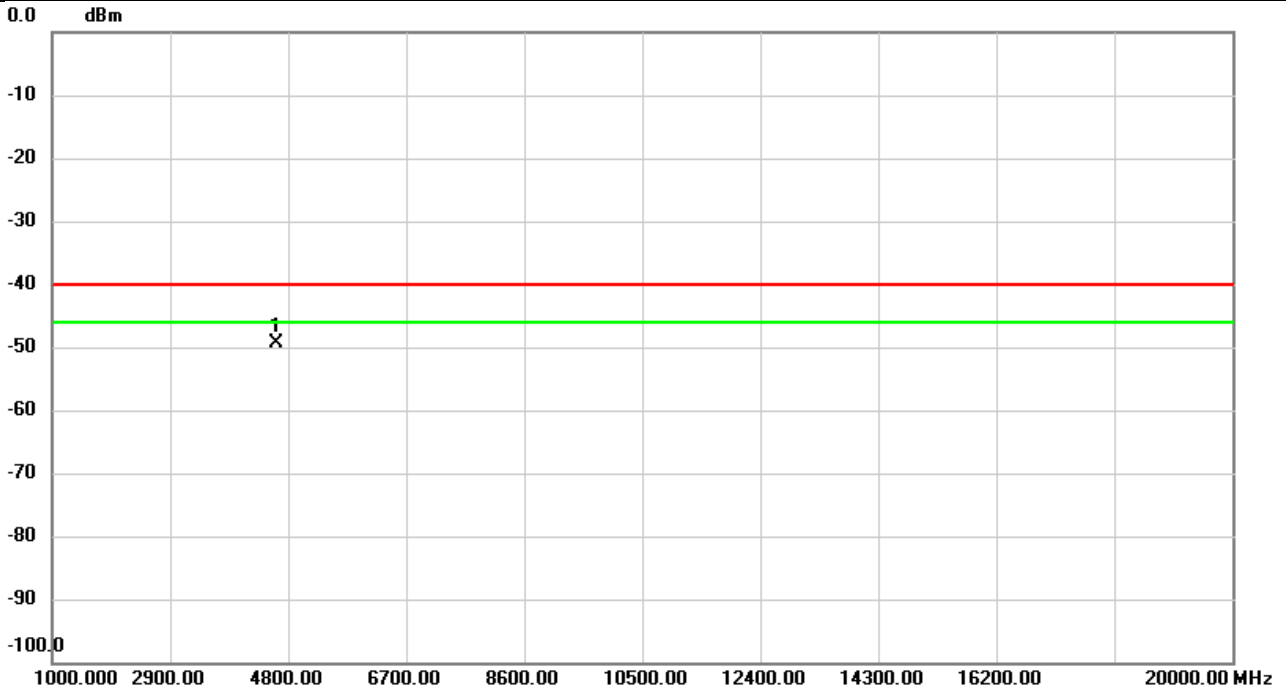


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	4611.267	-46.43	0.91	-45.52	-40.00	-5.52	peak	

REMARKS:

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

Test Mode	LTE Band 30	Test Date	2022/3/4
Test Channel	CH27710	Polarization	Horizontal
Temp	21°C	Hum.	64%

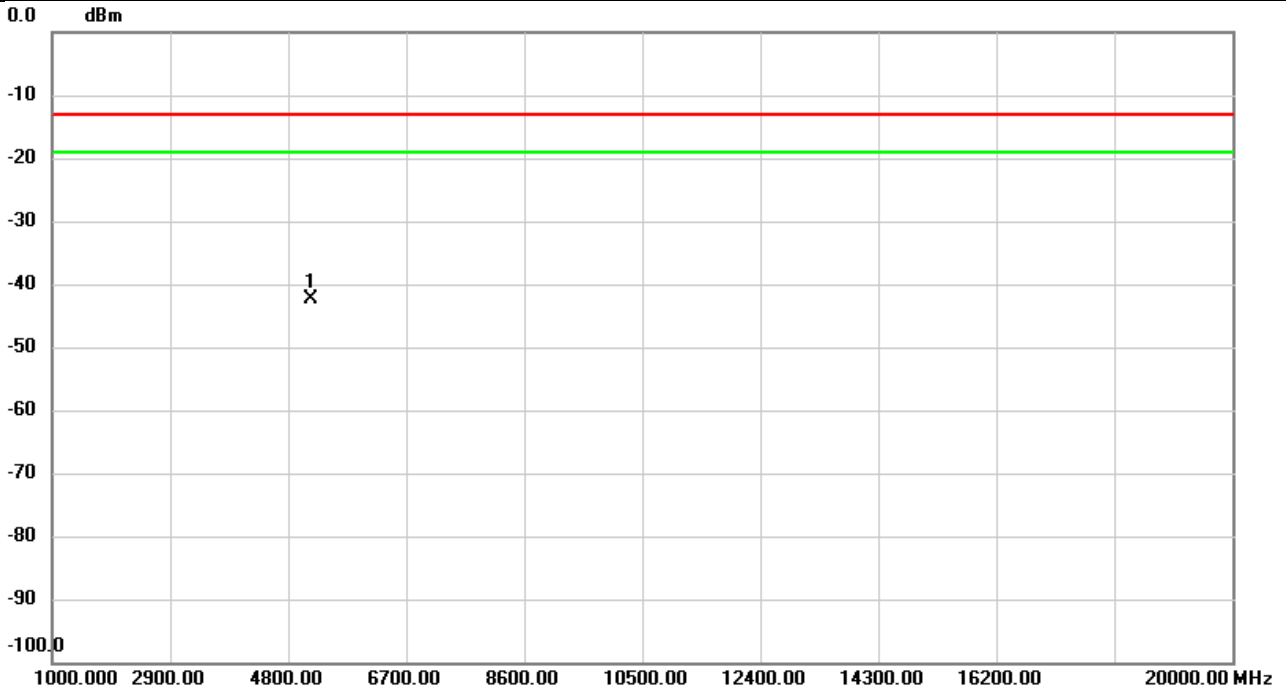


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	4611.267	-50.96	1.51	-49.45	-40.00	-9.45	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37997	Polarization	Vertical
Temp	21°C	Hum.	64%

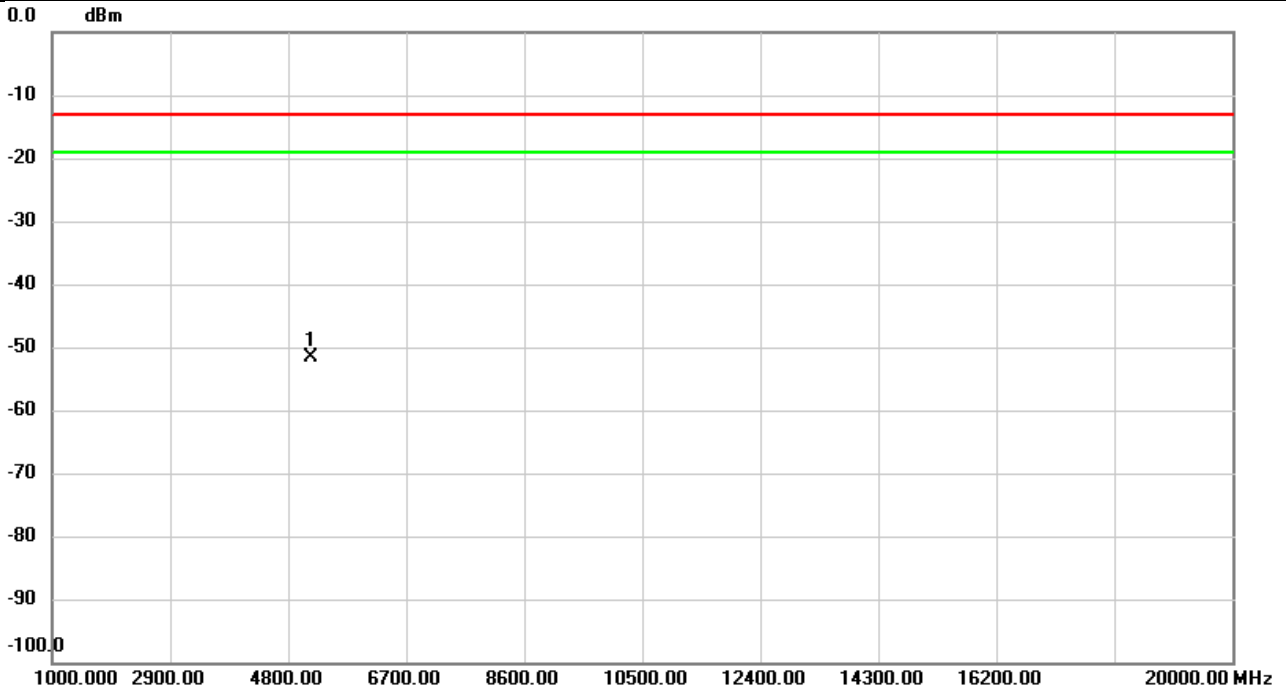


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5171.767	-44.15	1.69	-42.46	-13.00	-29.46	peak	

REMARKS:

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

Test Mode	LTE Band 38	Test Date	2022/3/4
Test Channel	CH37997	Polarization	Horizontal
Temp	21°C	Hum.	64%

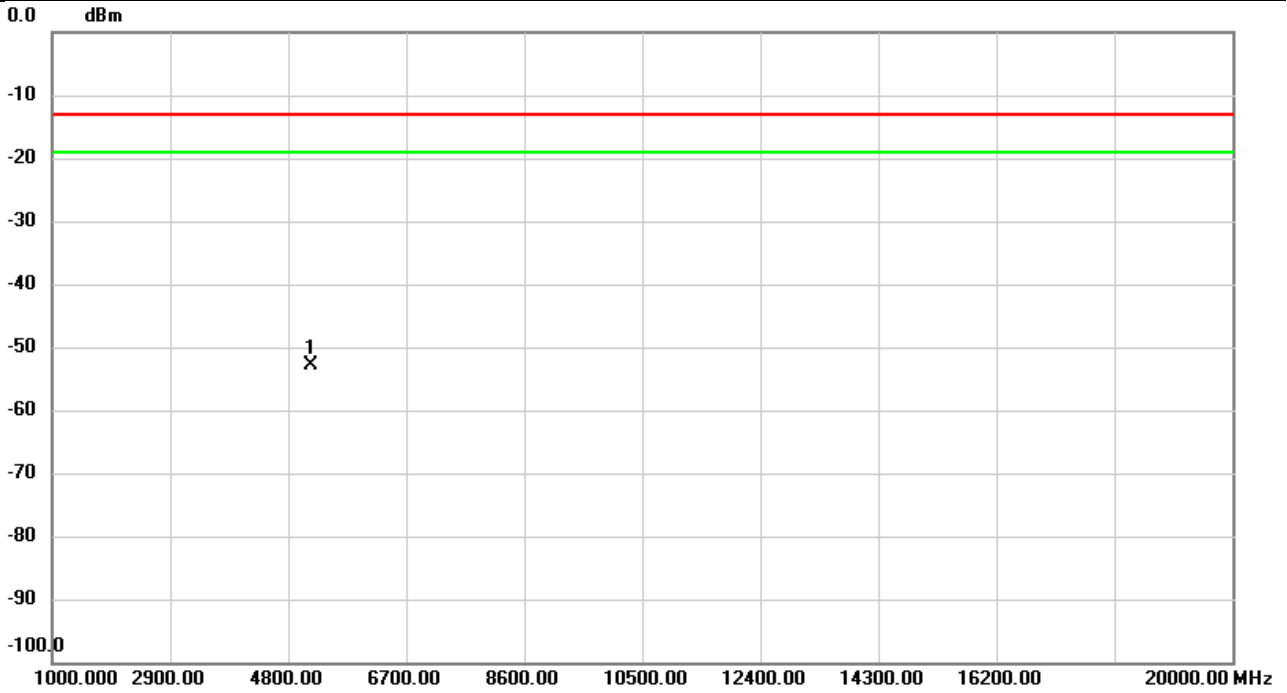


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5171.800	-54.19	2.63	-51.56	-13.00	-38.56	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH40620	Polarization	Vertical
Temp	21°C	Hum.	64%

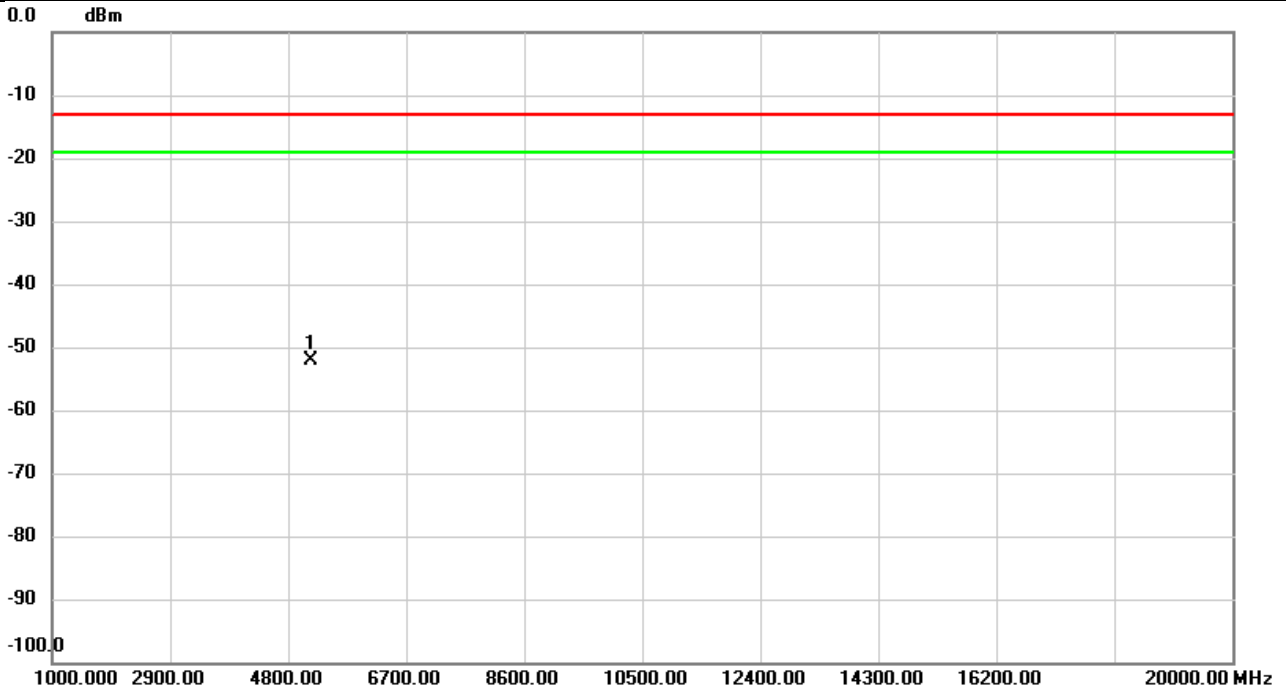


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5168.000	-54.54	1.66	-52.88	-13.00	-39.88	peak	

REMARKS:

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

Test Mode	LTE Band 41	Test Date	2022/3/4
Test Channel	CH40620	Polarization	Horizontal
Temp	21°C	Hum.	64%

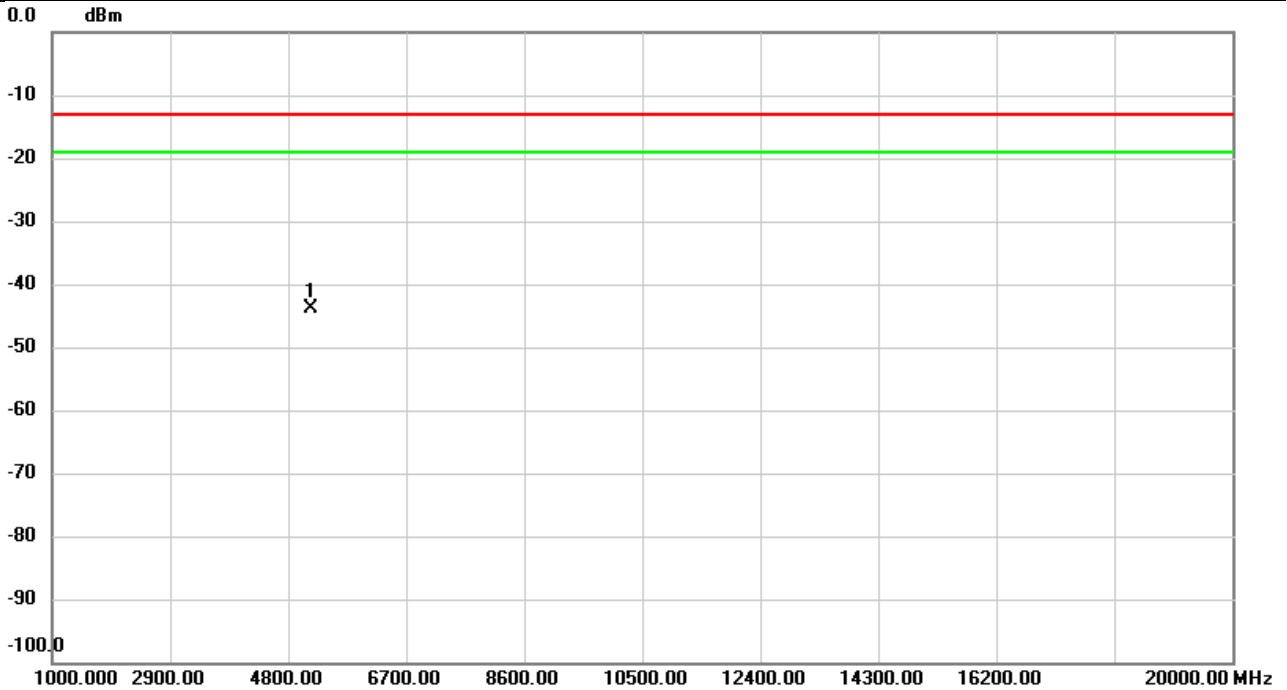


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5168.000	-54.71	2.64	-52.07	-13.00	-39.07	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Vertical
Temp	22°C	Hum.	65%

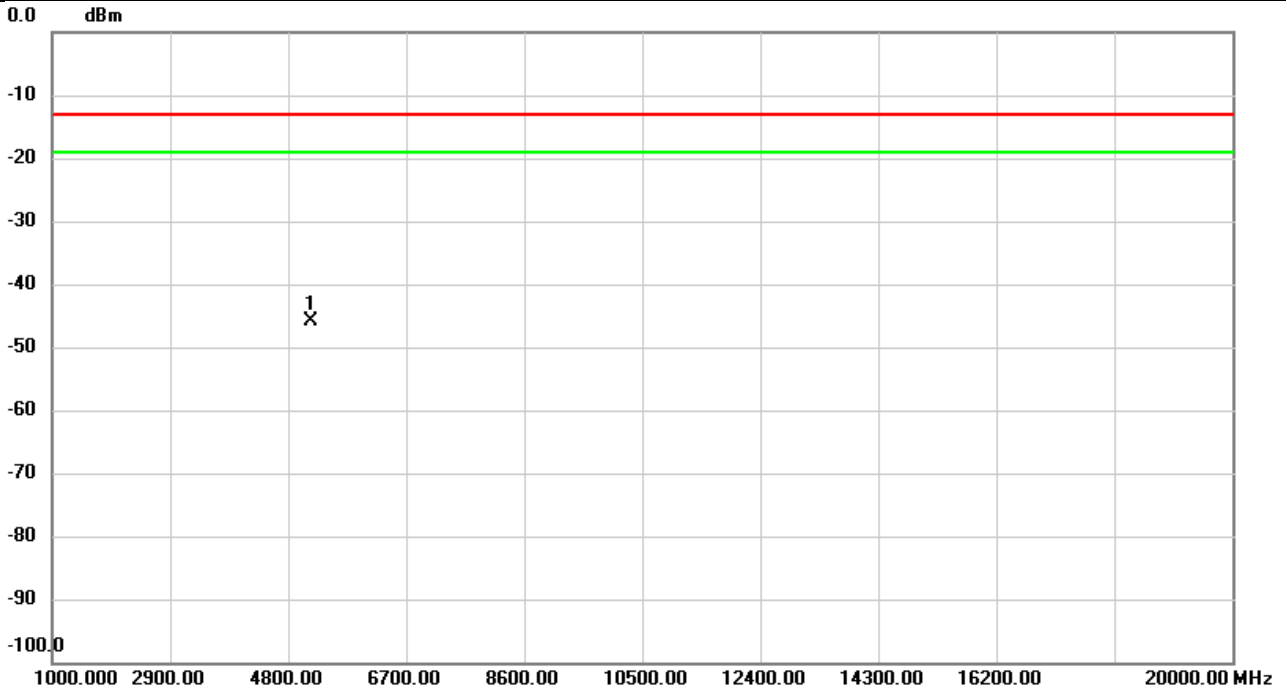


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5168.600	-45.55	1.66	-43.89	-13.00	-30.89	peak	

REMARKS:

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

Test Mode	LTE Band 41 HPUE	Test Date	2022/3/25
Test Channel	CH40620	Polarization	Horizontal
Temp	22°C	Hum.	65%

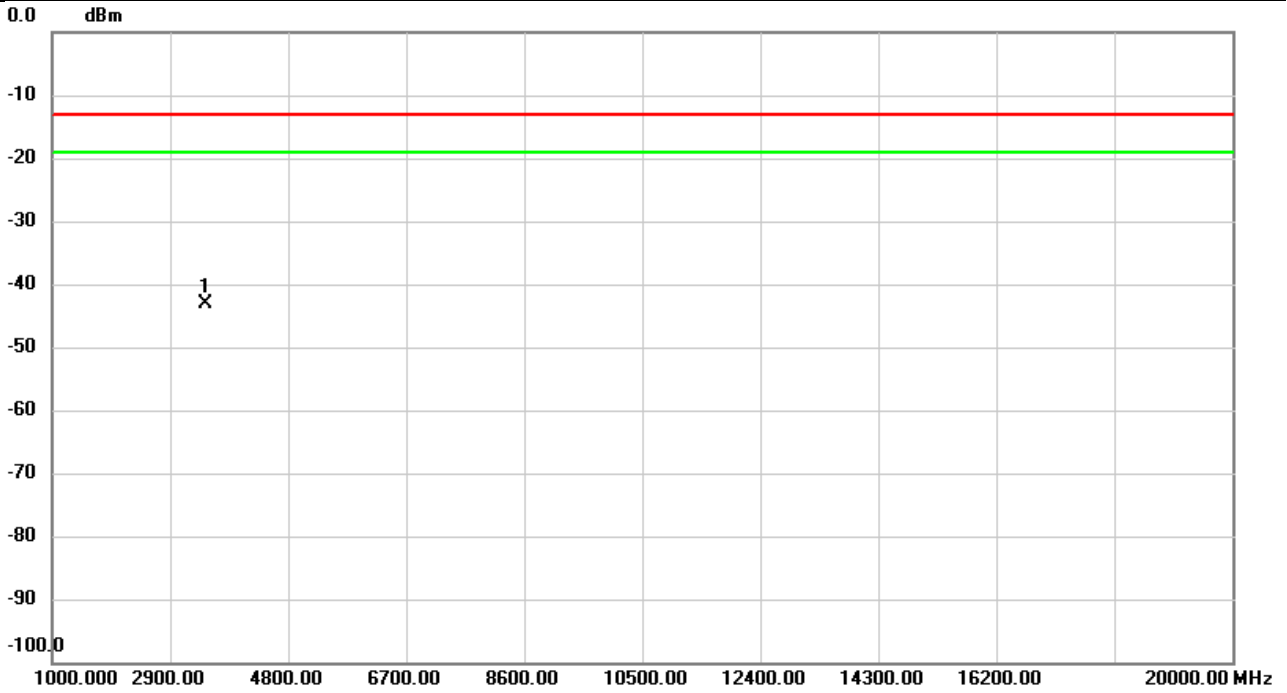


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5167.967	-48.44	2.64	-45.80	-13.00	-32.80	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132322	Polarization	Vertical
Temp	21°C	Hum.	64%

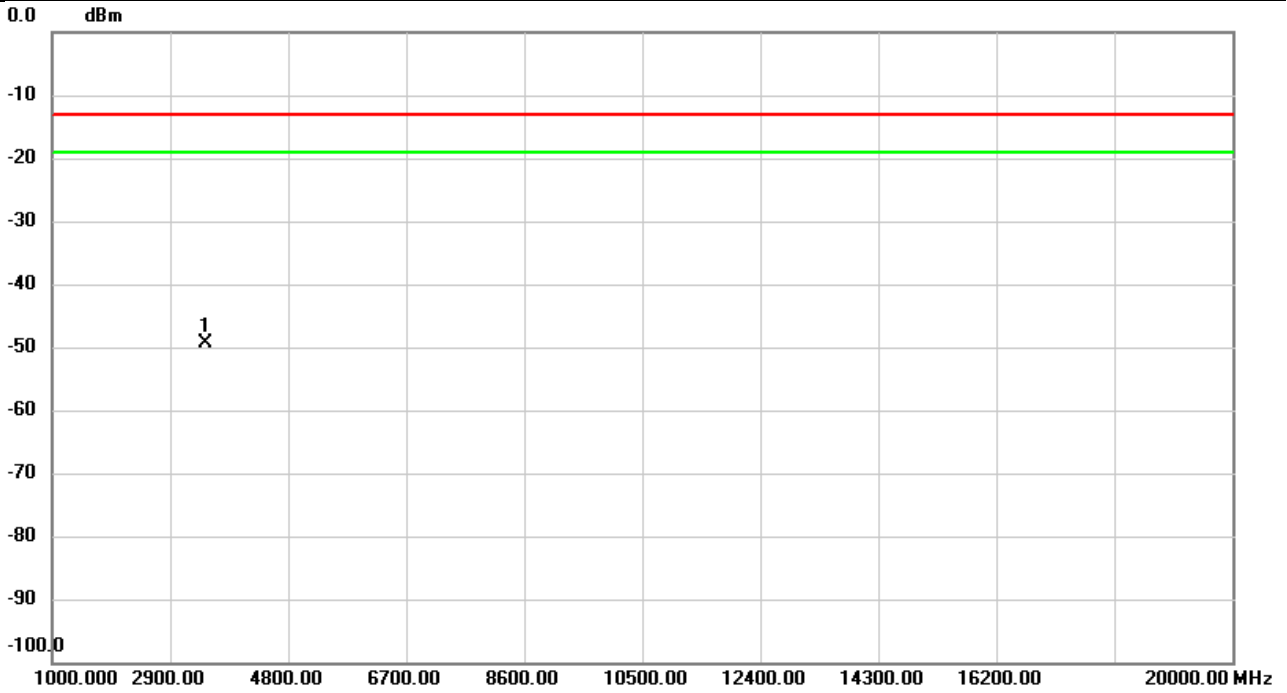


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3472.533	-41.21	-1.99	-43.20	-13.00	-30.20	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/3/4
Test Channel	CH132322	Polarization	Horizontal
Temp	21°C	Hum.	64%

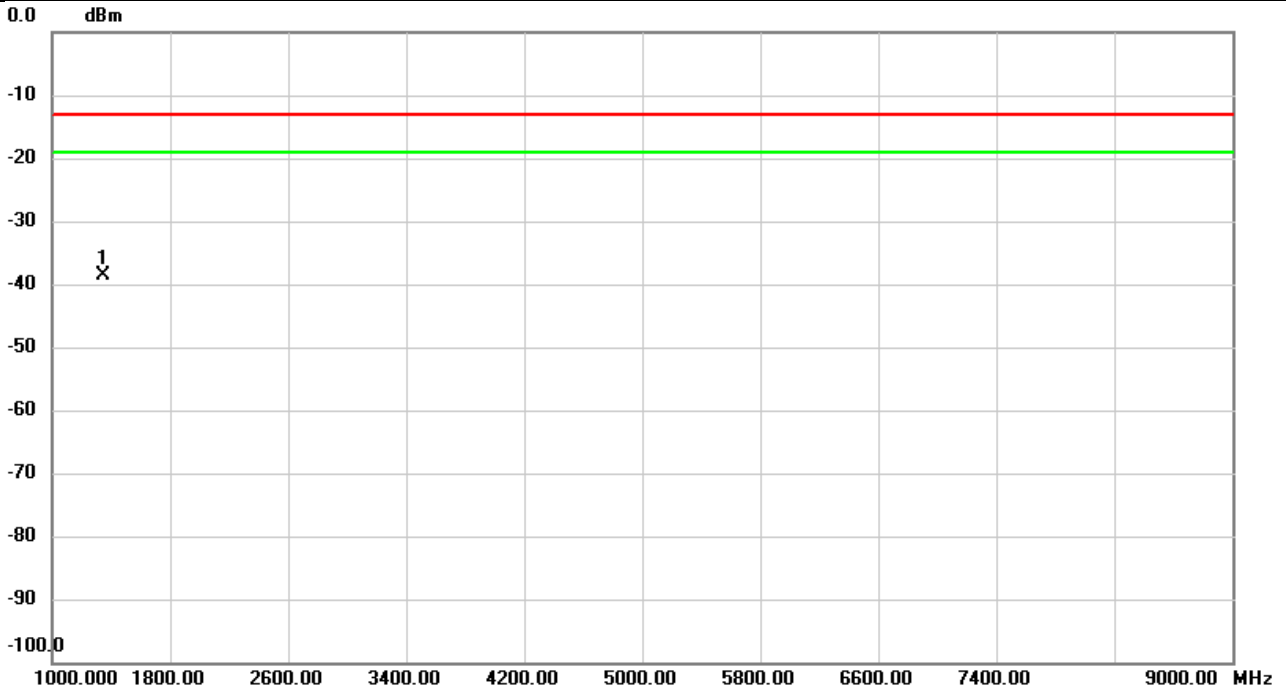


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3472.533	-47.63	-1.85	-49.48	-13.00	-36.48	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133297	Polarization	Vertical
Temp	21°C	Hum.	64%

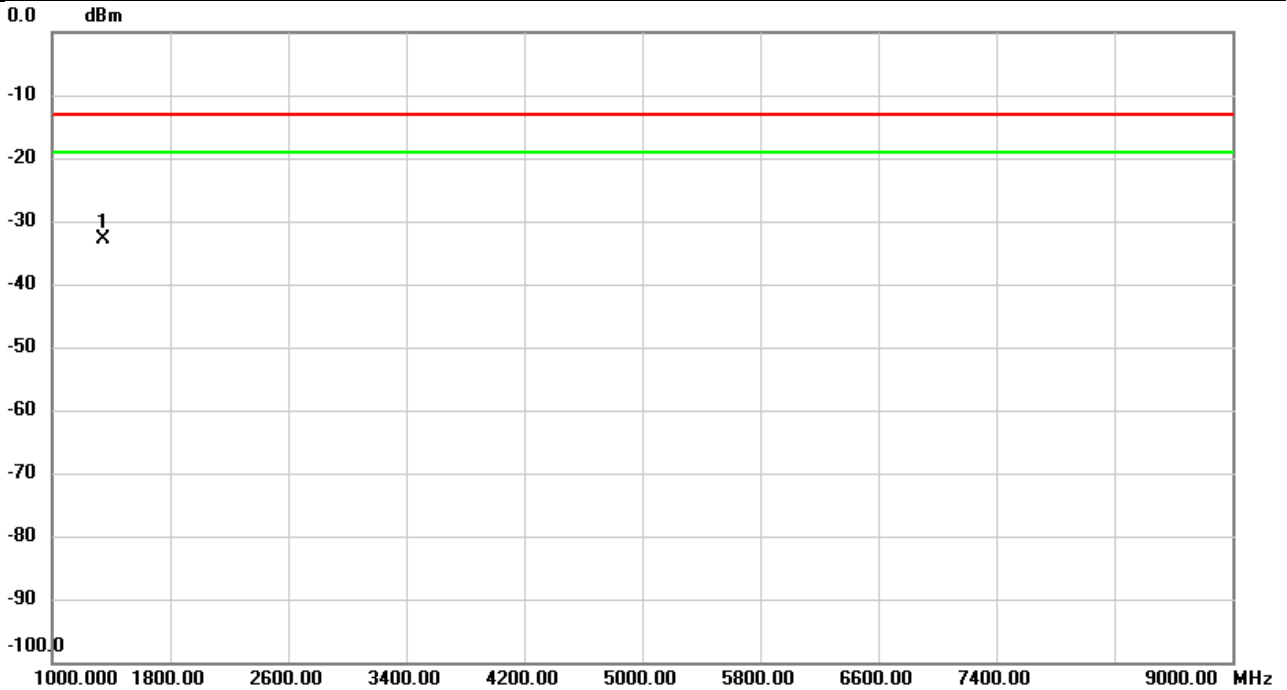


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1348.267	-28.99	-9.53	-38.52	-13.00	-25.52	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/3/4
Test Channel	CH133297	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1348.267	-24.33	-8.55	-32.88	-13.00	-19.88	peak	

REMARKS:

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

End of Test Report