

FCC Radio Test Report

FCC ID: QYLRC7611B41

Report No. : BTL-FCCP-3-2202T096
Equipment : Body Worn Camera
Model Name : BC-4K
Brand Name : Getac
Applicant : Getac Technology Corporation
Address : 5F., Building A, No.209, Sec.1, Nangang., Rd., Nangang Dist., Taipei City 11568, Taiwan, R.O.C.

Radio Function : LTE Band 4, 12, 13, 66, 71

FCC Rule Part(s) : 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 N
FCC CFR Title 47, Part 2

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 : 2022/3/23
Date of Test : 2022/8/2 ~ 2022/9/5
Issued Date : 2022/10/26

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.

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

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

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

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

Limitation

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

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

CONTENTS

1	SUMMARY OF TEST RESULTS	5
1.1	TEST FACILITY	6
1.2	MEASUREMENT UNCERTAINTY	6
1.3	TEST ENVIRONMENT CONDITIONS	6
2	GENERAL INFORMATION	7
2.1	DESCRIPTION OF EUT	7
2.2	TEST MODES	9
2.3	BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	10
2.4	SUPPORT UNITS	11
3	AC POWER LINE CONDUCTED EMISSIONS TEST	12
3.1	LIMIT	12
3.2	TEST PROCEDURE	12
3.3	DEVIATION FROM TEST STANDARD	12
3.4	TEST SETUP	13
3.5	TEST RESULT	13
4	EFFECTIVE RADIATED POWER AND EFFECTIVE ISOTROPIC RADIATED POWER MEASUREMENT	14
4.1	LIMIT	14
4.2	TEST PROCEDURE	14
4.3	DEVIATION FROM TEST STANDARD	14
4.4	TEST SETUP	15
4.5	EUT OPERATING CONDITIONS	15
4.6	TEST RESULT	15
5	RADIATED SPURIOUS EMISSIONS MEASUREMENT	16
5.1	LIMIT	16
5.2	TEST PROCEDURE	16
5.3	DEVIATION FROM TEST STANDARD	16
5.4	TEST SETUP	17
5.5	EUT OPERATING CONDITIONS	17
5.6	TEST RESULT	17
6	LIST OF MEASURING EQUIPMENTS	18
7	EUT TEST PHOTO	19
8	EUT PHOTOS	19
APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS	20
APPENDIX B	EFFECTIVE RADIATED POWER & EQUIVALENT ISOTROPIC RADIATED POWER	25
APPENDIX C	RADIATED SPURIOUS EMISSIONS	78

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2202T096	R00	Original Report.	2022/10/3	Invalid
BTL-FCCP-3-2202T096	R01	Revised Typo.	2022/10/26	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(b)(10) 27.50(c)(10) 27.50(d)(4)	Conducted Output Power Effective Radiated Power & Equivalent Isotropic Radiated Power	APPENDIX B	Pass	NOTE (5)
-	Peak To Average Ratio	NOTE (3)	Pass	-----
2.1049	Occupied Bandwidth	NOTE (3)	Pass	-----
2.1051 27.53(c)(2)(4) 27.53(g) 27.53(h)	Band Edge Measurements	NOTE (3)	Pass	-----
2.1051 27.53(c)(2) 27.53(g) 27.53(h)	Conducted Spurious Emissions	NOTE (3)	Pass	-----
2.1055 27.54	Frequency Stability Temperature & Voltage	NOTE (3)	Pass	-----
2.1053 27.53(c)(2) 27.53(f) 27.53(g) 27.53(h)	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 is to request a Class II permissive change for FCC ID: QYLRC7611B41 (This FCC ID is change ID based on Sierra Wireless Inc., the original application information follow as model: RC7611, FCC ID: N7NRC76B, approved on 02/05/2020)
Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report, for other test data can be refer report No.: 19B0422R-HPUSP50V00.
- (4) The ac power lines conducted emissions, output power and radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.
- (5) Due to the slight difference between each measurement, some of the new measured power values are larger than the original Module Report, but still within the tolerance range.

1.1 TEST FACILITY

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

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.

C06 CB21 CB22

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: 674415 and DN: TW0659.

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)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

NOTE:

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	22 °C, 50 %	AC 120V	Jay Tien
Conducted Output Power	24.3 °C, 61 %	AC 120V	Angela Wang
Effective Radiated Power & Equivalent Isotropic Radiated Power	Refer to data	AC 120V	Mark Wang
Radiated Spurious Emissions	Refer to data	AC 120V	Mark Wang

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Body Worn Camera			
Model Name	BC-4K			
Brand Name	Getac			
Model Difference	N/A			
Power Source	(1) From host system or power adapter. (2) Battery supplied.			
Power Rating	(1)			
	BC-4K	Cable type	Input Voltage	
	Pogo pins	Magnetic USB type A to pogo Cable	5V /1.5A	
	USB type C	Type C To C cable	5V/3A and 9V/2.2A	
	(2) Getac / BP1S1P5000P: Rated Voltage: 3.63 Vdc Rated capacity: 4750 mAh, 17.24 Wh Typical capacity: 5000 mAh, 18.15 Wh			
Products Covered	1 * Adjustable Pocket Mount 1 * Clip Mount 1 * Magnetic Mount 1 * Molle Mount 1 * Dual Magnetic Mount			
WWAN Module	AirPrime / RC7611			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	LTE 4	1710 ~ 1755	2110 ~ 2155	
	LTE 12	699 ~ 716	729 ~ 746	
	LTE 13	777 ~ 787	746 ~ 756	
	LTE 66	1710 ~ 1780	2110 ~ 2200	
	LTE 71	663 ~ 698	617 ~ 652	
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	LTE 4	1.4	QPSK	0.329
			16QAM	0.267
		3	QPSK	0.333
			16QAM	0.270
		5	QPSK	0.337
			16QAM	0.274
		10	QPSK	0.340
			16QAM	0.277
		15	QPSK	0.344
			16QAM	0.280
		20	QPSK	0.348
			16QAM	0.283
	LTE 66	1.4	QPSK	0.335
			16QAM	0.272
		3	QPSK	0.339
			16QAM	0.275
		5	QPSK	0.343
			16QAM	0.279
		10	QPSK	0.347
			16QAM	0.282
		15	QPSK	0.351
			16QAM	0.285
		20	QPSK	0.355
16QAM			0.288	

Maximum ERP	LTE 12	1.4	QPSK	0.052
			16QAM	0.042
		3	QPSK	0.052
			16QAM	0.043
		5	QPSK	0.053
			16QAM	0.043
	10	QPSK	0.054	
		16QAM	0.044	
	LTE 13	5	QPSK	0.114
			16QAM	0.093
		10	QPSK	0.115
			16QAM	0.093
	LTE 71	5	QPSK	0.047
			16QAM	0.038
		10	QPSK	0.047
			16QAM	0.038
		15	QPSK	0.048
			16QAM	0.039
20		QPSK	0.048	
		16QAM	0.039	
Test Model		BC-4K		
Sample Status		Engineering Sample		
EUT Modification(s)		N/A		

NOTE:

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

(2) Table for Filed Antenna:

Antenna	Brand Name	Model Name	Type	Connector	Gain (dBi)	Note
Main	Getac	BC-4K	Loop	N/A	1.80	LTE Band 4
					-3.79	LTE Band 12
					-0.60	LTE Band 13
					1.98	LTE Band 66
					-4.94	LTE Band 71
Aux	Getac	BC-4K	Loop	N/A	-	RX only

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

2.2 TEST MODES

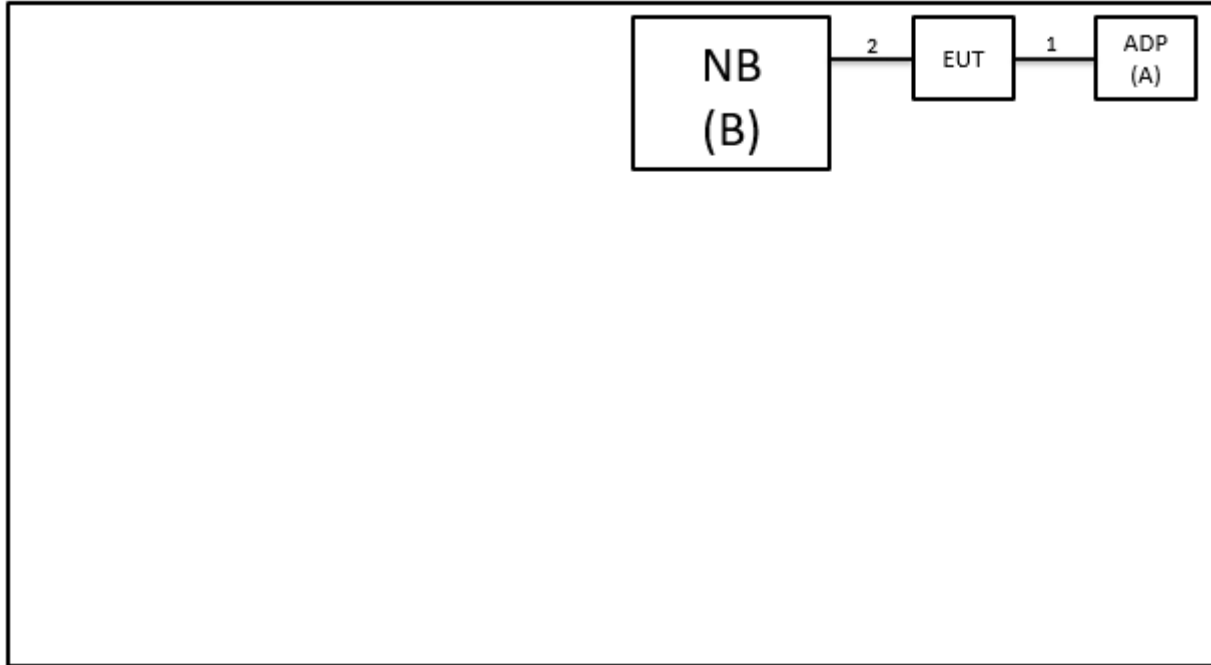
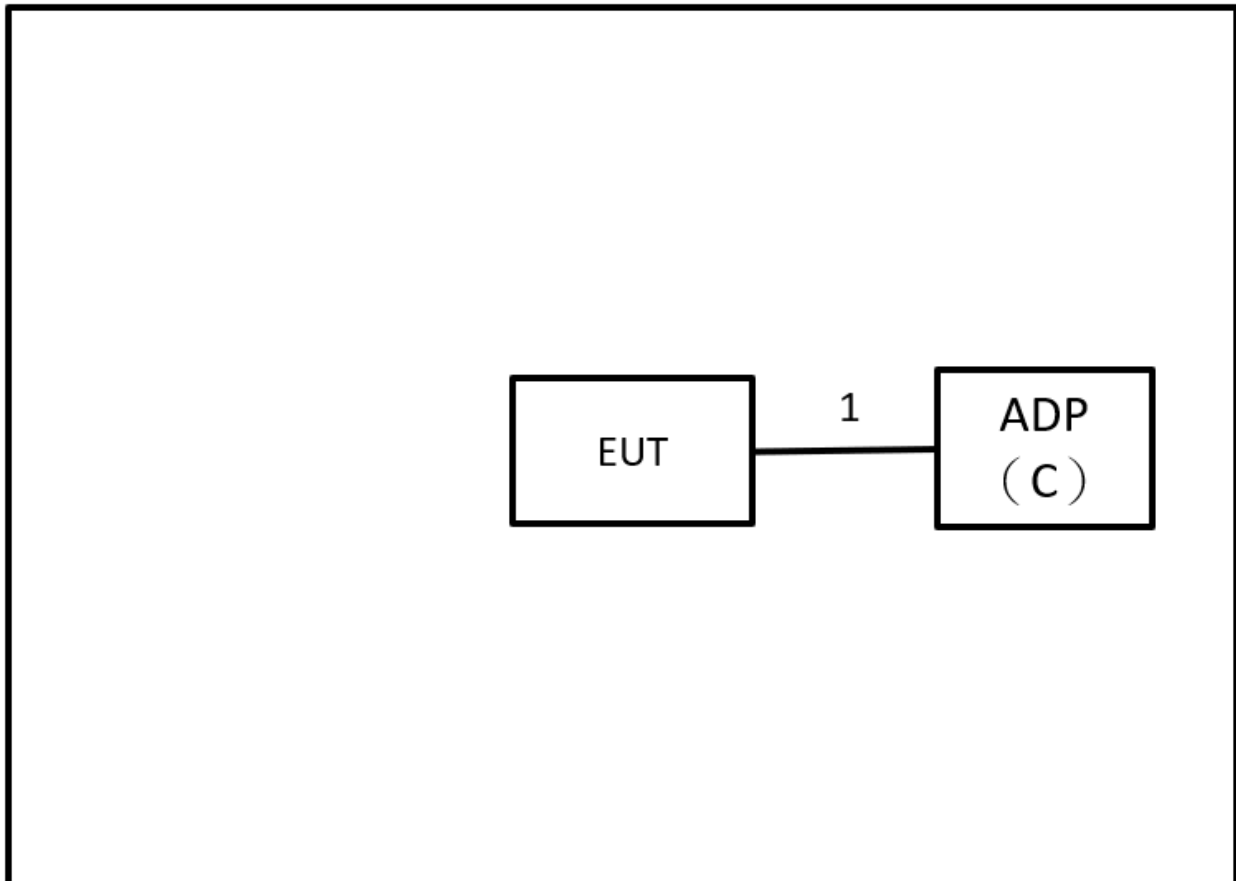
Test Items	Band	Test Mode	Note
AC Power Line Conducted Emissions	-	Normal/Idle	-
Conducted Output Power	LTE Band 4	Refer to APPENDIX B	-
	LTE Band 12		
	LTE Band 13		
	LTE Band 66		
	LTE Band 71		
Effective Radiated Power & Equivalent Isotropic Radiated Power	LTE Band 4	TX Mode (CH 20050/20175/20300)	-
	LTE Band 12	TX Mode (CH 23060/23095/23130)	-
	LTE Band 13	TX Mode (CH 23205/23230/23255)	-
	LTE Band 66	TX Mode (CH 132072/132322/132572)	-
	LTE Band 71	TX Mode (CH 133222/133297/133372)	-
Radiated Spurious Emissions	LTE Band 4	TX Mode (CH 20175)	-
	LTE Band 12	TX Mode (CH 23095)	-
	LTE Band 13	TX Mode (CH 23230)	-
	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.

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	SONY	AC-0051-TW	4017W29100317	Furnished by test lab.
B	NB	ASUS	X555LN-0021B4 210U	N/A	Furnished by test lab.
C	Adapter	SAMSUNG	EP-TA12JWS	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	Magnetic USB typeA to pogo Cable	Supplied by test requester.
2	N/A	N/A	1.2m	USB Cable	Furnished by test lab.

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.

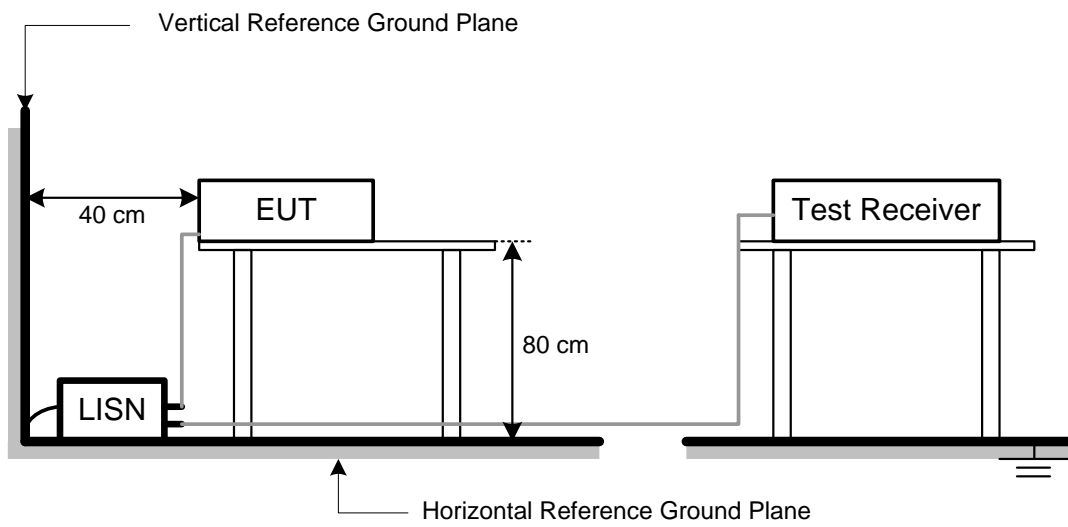
NOTE:

- (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 12 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.

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.

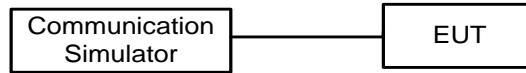
- a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 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 = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
- d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR - 2.15dBi..
- e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.3 DEVIATION FROM TEST STANDARD

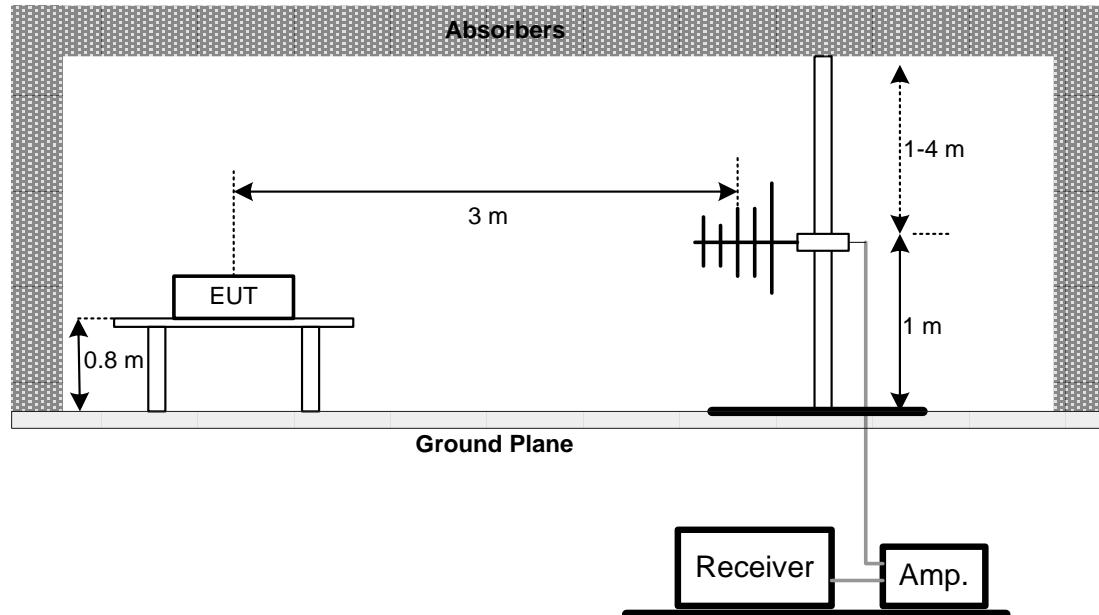
No deviation.

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

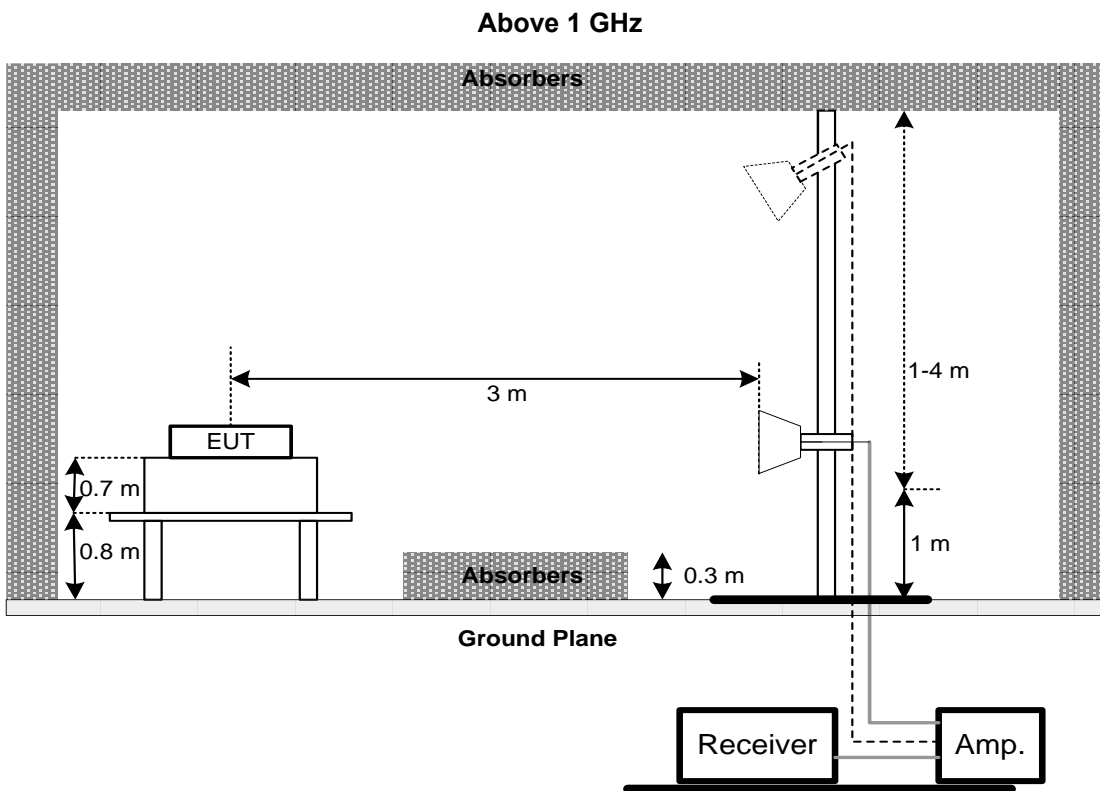
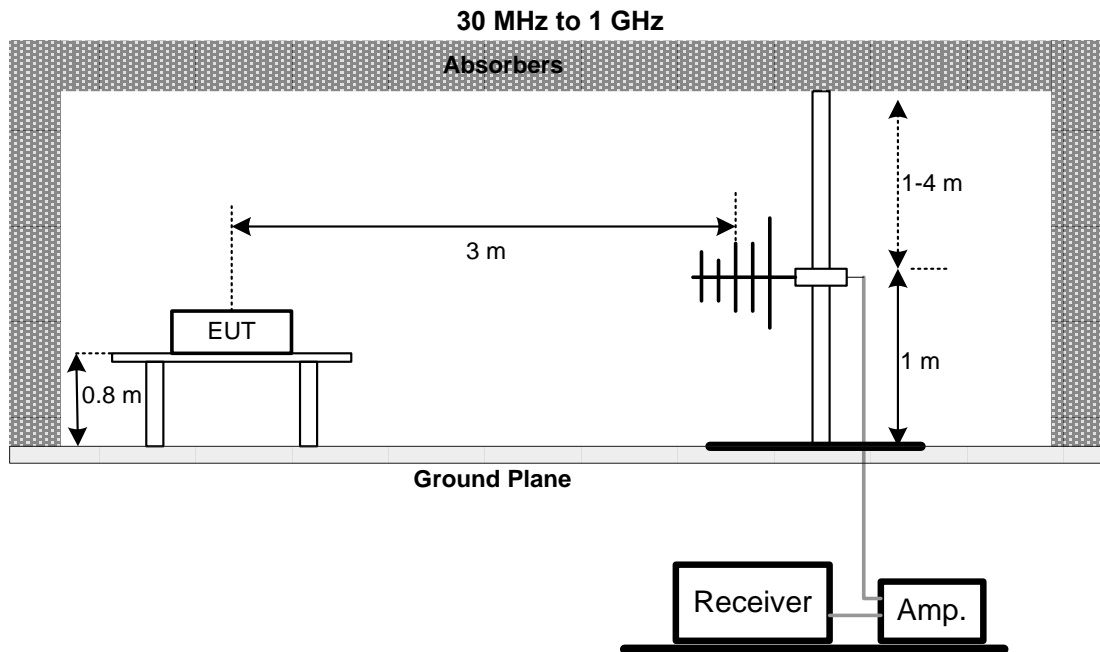
The testing follows FCC KDB 971168 v03r01 Section 6.2.

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

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	101051	2022/6/15	2023/6/14
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2022/5/2	2023/5/1
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	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	EMC330N	980850	2021/9/23	2022/9/22
2	Preamplifier	EMCI	EMC118A45SE	980819	2022/3/8	2023/3/7
3	Preamplifier	EMCI	EMC001340	980555	2022/4/6	2023/4/5
4	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2022/3/15	2023/3/14
5	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2022/3/15	2023/3/14
6	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2022/3/15	2023/3/14
7	EXA Signal Analyzer	keysight	N9020A	MY57120120	2022/3/7	2023/3/6
8	Loop Ant	Electro-Metrics	EMCI-LPA600	274	2022/6/28	2023/6/27
9	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2022/5/18	2023/5/17
10	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2022/5/18	2023/5/17
11	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2022/5/20	2023/5/19
12	6dB Attenuator	EMCI	EMCI-N-6-06	AT-N0625	2022/5/20	2023/5/19
13	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A
14	Radio Communication Analyzer (LTE)	Anritsu	MT8820C	6201381608	2021/12/15	2022/12/14

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

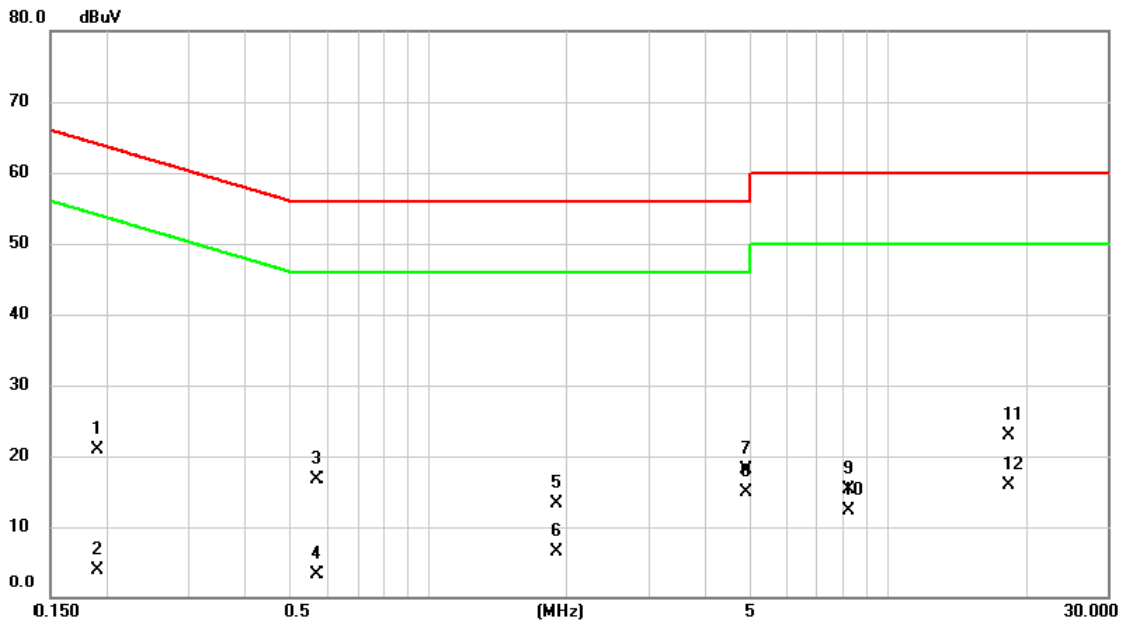
Please refer to document Appendix No.: TP-2202T096-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2202T096-2 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2022/8/5
Test Frequency	-	Phase	Line



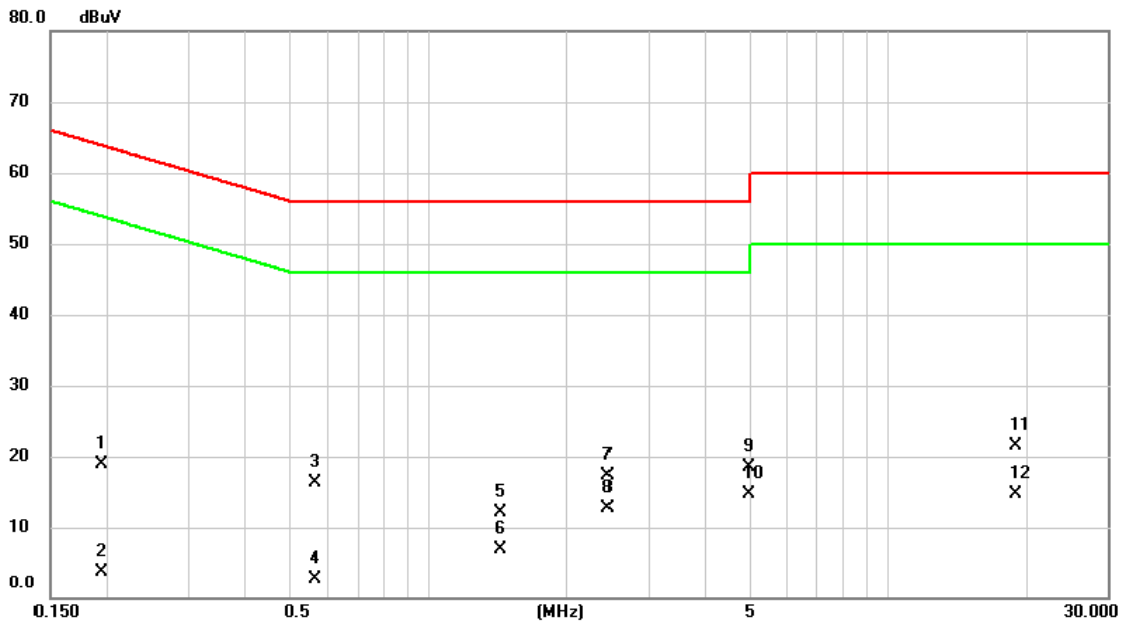
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1905	11.25	9.63	20.88	64.01	-43.13	QP	
2		0.1905	-5.65	9.63	3.98	54.01	-50.03	AVG	
3		0.5714	7.15	9.62	16.77	56.00	-39.23	QP	
4		0.5714	-6.23	9.62	3.39	46.00	-42.61	AVG	
5		1.8957	3.54	9.69	13.23	56.00	-42.77	QP	
6		1.8957	-3.12	9.69	6.57	46.00	-39.43	AVG	
7		4.8945	8.41	9.75	18.16	56.00	-37.84	QP	
8	*	4.8945	5.21	9.75	14.96	46.00	-31.04	AVG	
9		8.2165	5.44	9.82	15.26	60.00	-44.74	QP	
10		8.2165	2.53	9.82	12.35	50.00	-37.65	AVG	
11		18.1755	13.08	9.82	22.90	60.00	-37.10	QP	
12		18.1755	6.12	9.82	15.94	50.00	-34.06	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	Normal	Tested Date	2022/8/5
Test Frequency	-	Phase	Neutral

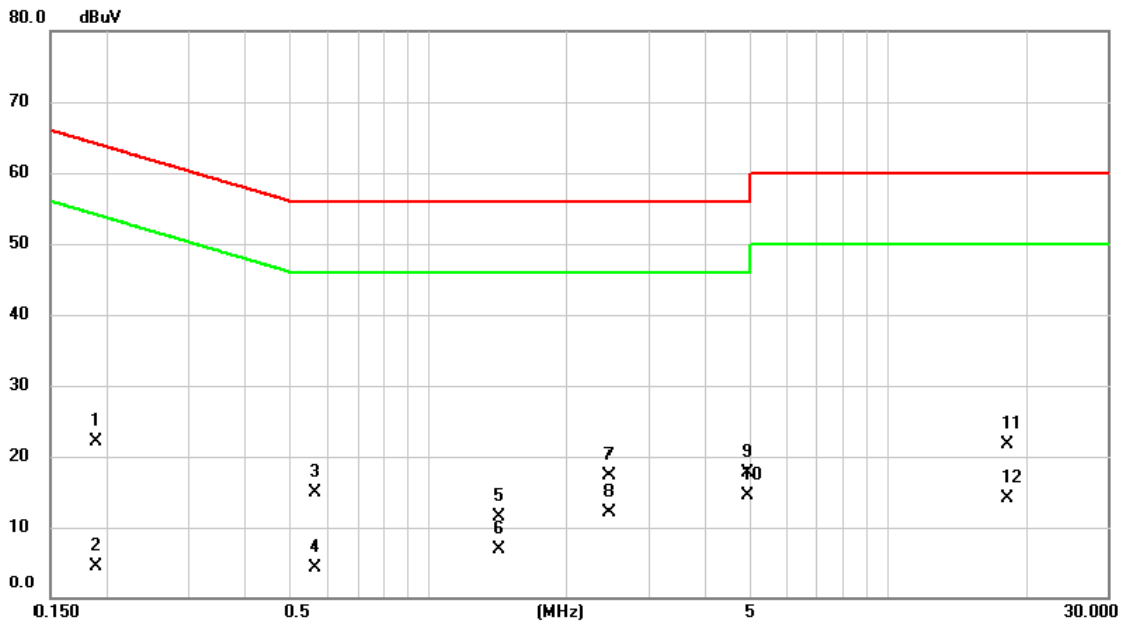


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1945	9.35	9.62	18.97	63.84	-44.87	QP	
2		0.1945	-5.84	9.62	3.78	53.84	-50.06	AVG	
3		0.5670	6.77	9.62	16.39	56.00	-39.61	QP	
4		0.5670	-6.98	9.62	2.64	46.00	-43.36	AVG	
5		1.4380	2.35	9.67	12.02	56.00	-43.98	QP	
6		1.4380	-2.84	9.67	6.83	46.00	-39.17	AVG	
7		2.4438	7.54	9.70	17.24	56.00	-38.76	QP	
8		2.4438	3.02	9.70	12.72	46.00	-33.28	AVG	
9		4.9537	8.65	9.76	18.41	56.00	-37.59	QP	
10	*	4.9537	4.88	9.76	14.64	46.00	-31.36	AVG	
11		18.9453	11.63	9.94	21.57	60.00	-38.43	QP	
12		18.9453	4.72	9.94	14.66	50.00	-35.34	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2022/8/5
Test Frequency	-	Phase	Line

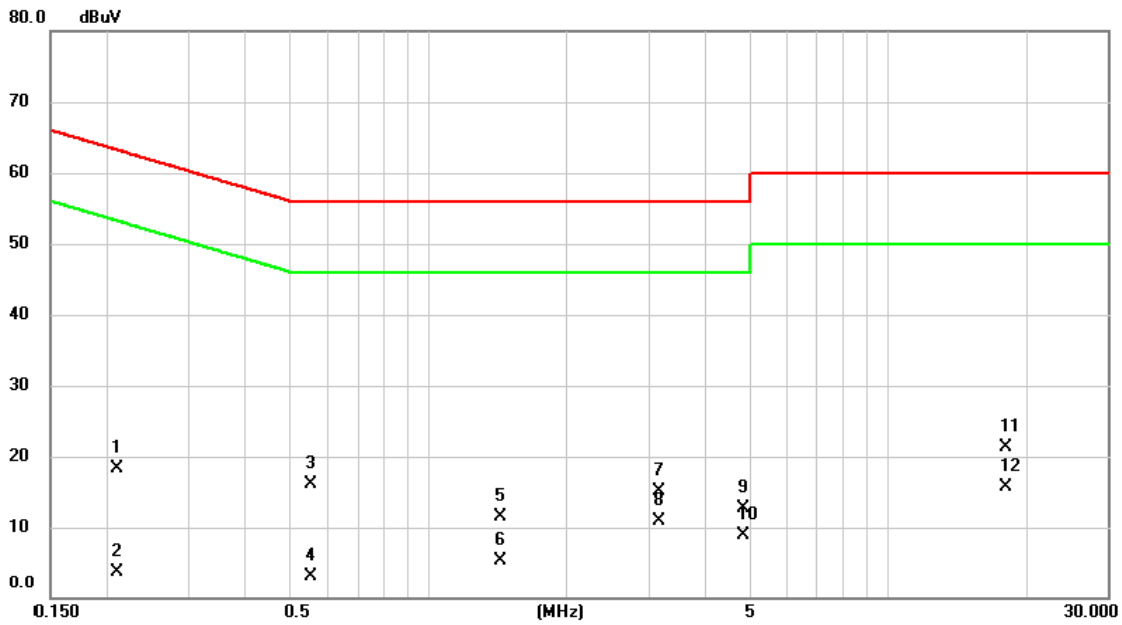


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measurement dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1883	12.44	9.63	22.07	64.11	-42.04	QP	
2	0.1883	-5.12	9.63	4.51	54.11	-49.60	AVG	
3	0.5662	5.26	9.62	14.88	56.00	-41.12	QP	
4	0.5662	-5.34	9.62	4.28	46.00	-41.72	AVG	
5	1.4235	1.84	9.67	11.51	56.00	-44.49	QP	
6	1.4235	-2.84	9.67	6.83	46.00	-39.17	AVG	
7	2.4653	7.52	9.70	17.22	56.00	-38.78	QP	
8	2.4653	2.45	9.70	12.15	46.00	-33.85	AVG	
9	4.9290	7.98	9.75	17.73	56.00	-38.27	QP	
10 *	4.9290	4.84	9.75	14.59	46.00	-31.41	AVG	
11	18.1613	11.89	9.82	21.71	60.00	-38.29	QP	
12	18.1613	4.23	9.82	14.05	50.00	-35.95	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2022/8/5
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2100	8.75	9.62	18.37	63.21	-44.84	QP	
2		0.2100	-5.84	9.62	3.78	53.21	-49.43	AVG	
3		0.5571	6.54	9.62	16.16	56.00	-39.84	QP	
4		0.5571	-6.52	9.62	3.10	46.00	-42.90	AVG	
5		1.4351	1.84	9.67	11.51	56.00	-44.49	QP	
6		1.4351	-4.33	9.67	5.34	46.00	-40.66	AVG	
7		3.1540	5.41	9.73	15.14	56.00	-40.86	QP	
8		3.1540	1.23	9.73	10.96	46.00	-35.04	AVG	
9		4.8432	2.99	9.76	12.75	56.00	-43.25	QP	
10		4.8432	-0.95	9.76	8.81	46.00	-37.19	AVG	
11		18.0244	11.32	9.92	21.24	60.00	-38.76	QP	
12	*	18.0244	5.88	9.92	15.80	50.00	-34.20	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:
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	23.12	24.92	0.310		
					1	2	0	23.37	25.17	0.329		
					1	5	0	22.95	24.75	0.299		
					3	0	0	23.12	24.92	0.310		
					3	1	0	23.37	25.17	0.329		
					3	2	0	22.95	24.75	0.299		
				16QAM	6	0	1	22.23	24.03	0.253		
					1	0	1	22.21	24.01	0.252		
					1	2	1	22.47	24.27	0.267		
					1	5	1	22.06	23.86	0.243		
					3	0	1	22.21	24.01	0.252		
					3	1	1	22.47	24.27	0.267		
		20175	1732.5	QPSK	1732.5	QPSK	1	0	0	22.97	24.77	0.300
							1	2	0	23.17	24.97	0.314
							1	5	0	22.87	24.67	0.293
							3	0	0	22.97	24.77	0.300
							3	1	0	23.17	24.97	0.314
							3	2	0	22.87	24.67	0.293
				16QAM	6	0	1	22.08	23.88	0.244		
					1	0	1	22.06	23.86	0.243		
					1	2	1	22.27	24.07	0.255		
					1	5	1	21.98	23.78	0.239		
					3	0	1	22.06	23.86	0.243		
					3	1	1	22.27	24.07	0.255		
		20392	1754.3	QPSK	1754.3	QPSK	3	2	1	21.98	23.78	0.239
							6	0	2	20.92	22.72	0.187
							1	0	0	23.15	24.95	0.313
							1	2	0	23.34	25.14	0.327
							1	5	0	23.24	25.04	0.319
							3	0	0	23.15	24.95	0.313
				16QAM	3	1	0	23.34	25.14	0.327		
					3	2	0	23.24	25.04	0.319		
					6	0	1	22.26	24.06	0.255		
					1	0	1	22.24	24.04	0.254		
					1	2	1	22.44	24.24	0.265		
					1	5	1	22.35	24.15	0.260		
16QAM	3	0	1	22.24	24.04	0.254						
	3	1	1	22.44	24.24	0.265						
	3	2	1	22.35	24.15	0.260						
	6	0	2	21.29	23.09	0.204						

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	23.17	24.97	0.314
					1	7	0	23.42	25.22	0.333
					1	14	0	23.00	24.80	0.302
					8	0	1	22.28	24.08	0.256
					8	4	1	22.58	24.38	0.274
					8	7	1	22.14	23.94	0.248
				16QAM	15	0	1	22.28	24.08	0.256
					1	0	1	22.26	24.06	0.255
					1	7	1	22.52	24.32	0.270
					1	14	1	22.11	23.91	0.246
					8	0	2	21.05	22.85	0.193
					8	4	2	21.53	23.33	0.215
					8	7	2	21.48	23.28	0.213
					15	0	2	21.45	23.25	0.211
					20175	1732.5	QPSK	1	0	0
		1	7	0				23.22	25.02	0.318
		1	14	0				22.92	24.72	0.296
		8	0	1				22.13	23.93	0.247
		8	4	1				22.38	24.18	0.262
		8	7	1				22.06	23.86	0.243
		16QAM	15	0			1	22.13	23.93	0.247
			1	0			1	22.11	23.91	0.246
			1	7			1	22.32	24.12	0.258
			1	14			1	22.03	23.83	0.242
			8	0			2	20.97	22.77	0.189
			8	4			2	21.33	23.13	0.206
			8	7			2	21.28	23.08	0.203
			15	0			2	21.25	23.05	0.202
			20384	1753.5			QPSK	1	0	0
		1			7	0		23.39	25.19	0.330
		1			14	0		23.29	25.09	0.323
		8			0	1		22.31	24.11	0.258
		8			4	1		22.55	24.35	0.272
		8			7	1		22.43	24.23	0.265
		16QAM			15	0	1	22.31	24.11	0.258
					1	0	1	22.29	24.09	0.256
					1	7	1	22.49	24.29	0.269
					1	14	1	22.40	24.20	0.263
					8	0	2	21.34	23.14	0.206
					8	4	2	21.50	23.30	0.214
					8	7	2	21.45	23.25	0.211
					15	0	2	21.42	23.22	0.210

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)		
4	5	19975	1712.5	QPSK	1	0	0	23.22	25.02	0.318		
					1	12	0	23.47	25.27	0.337		
					1	24	0	23.05	24.85	0.305		
					12	0	1	22.33	24.13	0.259		
					12	6	1	22.63	24.43	0.277		
					12	11	1	22.19	23.99	0.251		
				16QAM	25	0	1	22.33	24.13	0.259		
					1	0	1	22.31	24.11	0.258		
					1	12	1	22.57	24.37	0.274		
					1	24	1	22.16	23.96	0.249		
					12	0	2	21.10	22.90	0.195		
					12	6	2	21.58	23.38	0.218		
		20175	1732.5	QPSK	1732.5	QPSK	12	11	2	21.53	23.33	0.215
							25	0	2	21.50	23.30	0.214
							1	0	0	23.07	24.87	0.307
							1	12	0	23.27	25.07	0.321
							1	24	0	22.97	24.77	0.300
							12	0	1	22.18	23.98	0.250
				16QAM	12	6	1	22.43	24.23	0.265		
					12	11	1	22.11	23.91	0.246		
					25	0	1	22.18	23.98	0.250		
					1	0	1	22.16	23.96	0.249		
					1	12	1	22.37	24.17	0.261		
					1	24	1	22.08	23.88	0.244		
		20375	1752.5	QPSK	1752.5	QPSK	12	0	2	21.02	22.82	0.191
							12	6	2	21.38	23.18	0.208
							12	11	2	21.33	23.13	0.206
							25	0	2	21.30	23.10	0.204
							1	0	0	23.25	25.05	0.320
							1	12	0	23.44	25.24	0.334
				16QAM	1	24	0	23.34	25.14	0.327		
					12	0	1	22.36	24.16	0.261		
					12	6	1	22.60	24.40	0.275		
					12	11	1	22.48	24.28	0.268		
					25	0	1	22.36	24.16	0.261		
					1	0	1	22.34	24.14	0.259		
16QAM	1	12	1	22.54	24.34	0.272						
	1	24	1	22.45	24.25	0.266						
	12	0	2	21.39	23.19	0.208						
	12	6	2	21.55	23.35	0.216						
	12	11	2	21.50	23.30	0.214						
	25	0	2	21.47	23.27	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	10	20000	1715.0	QPSK	1	0	0	23.27	25.07	0.321		
					1	24	0	23.52	25.32	0.340		
					1	49	0	23.10	24.90	0.309		
					25	0	1	22.38	24.18	0.262		
					25	12	1	22.68	24.48	0.281		
					25	24	1	22.24	24.04	0.254		
				16QAM	50	0	1	22.38	24.18	0.262		
					1	0	1	22.36	24.16	0.261		
					1	24	1	22.62	24.42	0.277		
					1	49	1	22.21	24.01	0.252		
					25	0	2	21.15	22.95	0.197		
					25	12	2	21.63	23.43	0.220		
		20175	1732.5	QPSK	1732.5	QPSK	1	0	0	23.12	24.92	0.310
							1	24	0	23.32	25.12	0.325
							1	49	0	23.02	24.82	0.303
							25	0	1	22.23	24.03	0.253
							25	12	1	22.48	24.28	0.268
							25	24	1	22.16	23.96	0.249
				16QAM	50	0	1	22.23	24.03	0.253		
					1	0	1	22.21	24.01	0.252		
					1	24	1	22.42	24.22	0.264		
					1	49	1	22.13	23.93	0.247		
					25	0	2	21.07	22.87	0.194		
					25	12	2	21.43	23.23	0.210		
		20350	1750.0	QPSK	1750.0	QPSK	1	0	0	23.30	25.10	0.324
							1	24	0	23.49	25.29	0.338
							1	49	0	23.39	25.19	0.330
							25	0	1	22.41	24.21	0.264
							25	12	1	22.65	24.45	0.279
							25	24	1	22.53	24.33	0.271
16QAM	50			0	1	22.41	24.21	0.264				
	1			0	1	22.39	24.19	0.262				
	1			24	1	22.59	24.39	0.275				
	1			49	1	22.50	24.30	0.269				
	25			0	2	21.44	23.24	0.211				
	25			12	2	21.60	23.40	0.219				
					25	24	2	21.55	23.35	0.216		
					50	0	2	21.52	23.32	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	15	20025	1717.5	QPSK	1	0	0	23.32	25.12	0.325		
					1	37	0	23.57	25.37	0.344		
					1	74	0	23.15	24.95	0.313		
					36	0	1	22.43	24.23	0.265		
					36	18	1	22.73	24.53	0.284		
					36	35	1	22.29	24.09	0.256		
				16QAM	75	0	1	22.43	24.23	0.265		
					1	0	1	22.41	24.21	0.264		
					1	37	1	22.67	24.47	0.280		
					1	74	1	22.26	24.06	0.255		
					36	0	2	21.20	23.00	0.200		
					36	18	2	21.68	23.48	0.223		
		20175	1732.5	QPSK	1732.5	QPSK	36	35	2	21.63	23.43	0.220
							75	0	2	21.60	23.40	0.219
							1	0	0	23.17	24.97	0.314
							1	37	0	23.37	25.17	0.329
							1	74	0	23.07	24.87	0.307
							36	0	1	22.28	24.08	0.256
				16QAM	36	18	1	22.53	24.33	0.271		
					36	35	1	22.21	24.01	0.252		
					75	0	1	22.28	24.08	0.256		
					1	0	1	22.26	24.06	0.255		
					1	37	1	22.47	24.27	0.267		
					1	74	1	22.18	23.98	0.250		
		20325	1747.5	QPSK	1747.5	QPSK	36	0	2	21.12	22.92	0.196
							36	18	2	21.48	23.28	0.213
							36	35	2	21.43	23.23	0.210
							75	0	2	21.40	23.20	0.209
							1	0	0	23.35	25.15	0.327
							1	37	0	23.54	25.34	0.342
				16QAM	1	74	0	23.44	25.24	0.334		
					36	0	1	22.46	24.26	0.267		
					36	18	1	22.70	24.50	0.282		
					36	35	1	22.58	24.38	0.274		
					75	0	1	22.46	24.26	0.267		
					1	0	1	22.44	24.24	0.265		
16QAM	1	37	1	22.64	24.44	0.278						
	1	74	1	22.55	24.35	0.272						
	36	0	2	21.49	23.29	0.213						
	36	18	2	21.65	23.45	0.221						
	36	35	2	21.60	23.40	0.219						
	75	0	2	21.57	23.37	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	20	20050	1720.0	QPSK	1	0	0	23.37	25.17	0.329		
					1	49	0	23.62	25.42	0.348		
					1	99	0	23.20	25.00	0.316		
					50	0	1	22.48	24.28	0.268		
					50	24	1	22.78	24.58	0.287		
					50	49	1	22.34	24.14	0.259		
				16QAM	100	0	1	22.48	24.28	0.268		
					1	0	1	22.46	24.26	0.267		
					1	49	1	22.72	24.52	0.283		
					1	99	1	22.31	24.11	0.258		
					50	0	2	21.25	23.05	0.202		
					50	24	2	21.73	23.53	0.225		
		20175	1732.5	QPSK	1732.5	QPSK	50	49	2	21.68	23.48	0.223
							100	0	2	21.65	23.45	0.221
							1	0	0	23.22	25.02	0.318
							1	49	0	23.42	25.22	0.333
							1	99	0	23.12	24.92	0.310
							50	0	1	22.33	24.13	0.259
				16QAM	50	24	1	22.58	24.38	0.274		
					50	49	1	22.26	24.06	0.255		
					100	0	1	22.33	24.13	0.259		
					1	0	1	22.31	24.11	0.258		
					1	49	1	22.52	24.32	0.270		
					1	99	1	22.23	24.03	0.253		
		20300	1745.0	QPSK	1745.0	QPSK	50	0	2	21.17	22.97	0.198
							50	24	2	21.53	23.33	0.215
							50	49	2	21.48	23.28	0.213
							100	0	2	21.45	23.25	0.211
							1	0	0	23.40	25.20	0.331
							1	49	0	23.59	25.39	0.346
				16QAM	1	99	0	23.49	25.29	0.338		
					50	0	1	22.51	24.31	0.270		
					50	24	1	22.75	24.55	0.285		
					50	49	1	22.63	24.43	0.277		
					100	0	1	22.51	24.31	0.270		
					1	0	1	22.49	24.29	0.269		
16QAM	1	49	1	22.69	24.49	0.281						
	1	99	1	22.60	24.40	0.275						
	50	0	2	21.54	23.34	0.216						
	50	24	2	21.70	23.50	0.224						
	50	49	2	21.65	23.45	0.221						
	100	0	2	21.62	23.42	0.220						

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 12 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)		
12	1.4	23017	699.7	QPSK	1	0	0	22.82	16.88	0.049		
					1	2	0	22.97	17.03	0.050		
					1	5	0	23.05	17.11	0.051		
					3	0	0	22.82	16.88	0.049		
					3	1	0	22.97	17.03	0.050		
					3	2	0	23.05	17.11	0.051		
				16QAM	6	0	1	21.93	15.99	0.040		
					1	0	1	21.91	15.97	0.040		
					1	2	1	22.07	16.13	0.041		
					1	5	1	22.16	16.22	0.042		
					3	0	1	21.91	15.97	0.040		
					3	1	1	22.07	16.13	0.041		
		23095	707.5	QPSK	707.5	QPSK	3	2	1	22.16	16.22	0.042
							6	0	2	21.00	15.06	0.032
							1	0	0	22.57	16.63	0.046
							1	2	0	23.07	17.13	0.052
							1	5	0	22.89	16.95	0.050
							3	0	0	22.57	16.63	0.046
				16QAM	3	1	0	23.07	17.13	0.052		
					3	2	0	22.89	16.95	0.050		
					6	0	1	21.68	15.74	0.037		
					1	0	1	21.66	15.72	0.037		
					1	2	1	22.17	16.23	0.042		
					1	5	1	22.00	16.06	0.040		
		23173	715.3	QPSK	715.3	QPSK	3	0	1	21.66	15.72	0.037
							3	1	1	22.17	16.23	0.042
							3	2	1	22.00	16.06	0.040
							6	0	2	20.94	15.00	0.032
							1	0	0	22.90	16.96	0.050
							1	2	0	22.94	17.00	0.050
				16QAM	1	5	0	23.09	17.15	0.052		
					3	0	0	22.90	16.96	0.050		
					3	1	0	22.94	17.00	0.050		
					3	2	0	23.09	17.15	0.052		
					6	0	1	22.01	16.07	0.040		
					1	0	1	21.99	16.05	0.040		
		16QAM	1	2	1	22.04	16.10	0.041				
			1	5	1	22.20	16.26	0.042				
			3	0	1	21.99	16.05	0.040				
			3	1	1	22.04	16.10	0.041				
			3	2	1	22.20	16.26	0.042				
			6	0	2	21.14	15.20	0.033				

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
12	3	23025	700.5	QPSK	1	0	0	22.87	16.93	0.049
					1	7	0	23.02	17.08	0.051
					1	14	0	23.10	17.16	0.052
					8	0	1	21.98	16.04	0.040
					8	4	1	22.18	16.24	0.042
					8	7	1	22.24	16.30	0.043
				16QAM	15	0	1	21.98	16.04	0.040
					1	0	1	21.96	16.02	0.040
					1	7	1	22.12	16.18	0.041
					1	14	1	22.21	16.27	0.042
					8	0	2	21.15	15.21	0.033
					8	4	2	21.13	15.19	0.033
					8	7	2	21.08	15.14	0.033
					15	0	2	21.05	15.11	0.032
					23095	707.5	QPSK	1	0	0
		1	7	0				23.12	17.18	0.052
		1	14	0				22.94	17.00	0.050
		8	0	1				21.73	15.79	0.038
		8	4	1				22.28	16.34	0.043
		8	7	1				22.08	16.14	0.041
		16QAM	15	0			1	21.73	15.79	0.038
			1	0			1	21.71	15.77	0.038
			1	7			1	22.22	16.28	0.042
			1	14			1	22.05	16.11	0.041
			8	0			2	20.99	15.05	0.032
			8	4			2	21.23	15.29	0.034
			8	7			2	21.18	15.24	0.033
			15	0			2	21.15	15.21	0.033
			23165	714.5			QPSK	1	0	0
		1			7	0		22.99	17.05	0.051
		1			14	0		23.14	17.20	0.052
		8			0	1		22.06	16.12	0.041
		8			4	1		22.15	16.21	0.042
		8			7	1		22.28	16.34	0.043
		16QAM			15	0	1	22.06	16.12	0.041
					1	0	1	22.04	16.10	0.041
					1	7	1	22.09	16.15	0.041
					1	14	1	22.25	16.31	0.043
					8	0	2	21.19	15.25	0.033
					8	4	2	21.10	15.16	0.033
					8	7	2	21.05	15.11	0.032
					15	0	2	21.02	15.08	0.032

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)	ERP power (dBm)	ERP power (W)		
12	5	23035	701.5	QPSK	1	0	0	22.92	16.98	0.050		
					1	12	0	23.07	17.13	0.052		
					1	24	0	23.15	17.21	0.053		
					12	0	1	22.03	16.09	0.041		
					12	6	1	22.23	16.29	0.043		
					12	11	1	22.29	16.35	0.043		
				16QAM	25	0	1	22.03	16.09	0.041		
					1	0	1	22.01	16.07	0.040		
					1	12	1	22.17	16.23	0.042		
					1	24	1	22.26	16.32	0.043		
					12	0	2	21.20	15.26	0.034		
					12	6	2	21.18	15.24	0.033		
		23095	707.5	QPSK	707.5	QPSK	12	11	2	21.13	15.19	0.033
							25	0	2	21.10	15.16	0.033
							1	0	0	22.67	16.73	0.047
							1	12	0	23.17	17.23	0.053
							1	24	0	22.99	17.05	0.051
							12	0	1	21.78	15.84	0.038
				16QAM	12	6	1	22.33	16.39	0.044		
					12	11	1	22.13	16.19	0.042		
					25	0	1	21.78	15.84	0.038		
					1	0	1	21.76	15.82	0.038		
					1	12	1	22.27	16.33	0.043		
					1	24	1	22.10	16.16	0.041		
		23155	713.5	QPSK	713.5	QPSK	12	0	2	21.04	15.10	0.032
							12	6	2	21.28	15.34	0.034
							12	11	2	21.23	15.29	0.034
							25	0	2	21.20	15.26	0.034
							1	0	0	23.00	17.06	0.051
							1	12	0	23.04	17.10	0.051
				16QAM	1	24	0	23.19	17.25	0.053		
					12	0	1	22.11	16.17	0.041		
					12	6	1	22.20	16.26	0.042		
					12	11	1	22.33	16.39	0.044		
					25	0	1	22.11	16.17	0.041		
					1	0	1	22.09	16.15	0.041		
				16QAM	1	12	1	22.14	16.20	0.042		
					1	24	1	22.30	16.36	0.043		
					12	0	2	21.24	15.30	0.034		
					12	6	2	21.15	15.21	0.033		
					12	11	2	21.10	15.16	0.033		
					25	0	2	21.07	15.13	0.033		

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)	ERP power (dBm)	ERP power (W)
12	10	23060	704.0	QPSK	1	0	0	22.97	17.03	0.050
					1	24	0	23.12	17.18	0.052
					1	49	0	23.20	17.26	0.053
					25	0	1	22.08	16.14	0.041
					25	12	1	22.28	16.34	0.043
				25	24	1	22.34	16.40	0.044	
				50	0	1	22.08	16.14	0.041	
				16QAM	1	0	1	22.06	16.12	0.041
					1	24	1	22.22	16.28	0.042
					1	49	1	22.31	16.37	0.043
		25	0		2	21.25	15.31	0.034		
		25	12		2	21.23	15.29	0.034		
		23095	707.5	QPSK	25	24	2	21.18	15.24	0.033
					50	0	2	21.15	15.21	0.033
					1	0	0	22.72	16.78	0.048
					1	24	0	23.22	17.28	0.053
					1	49	0	23.04	17.10	0.051
				25	0	1	21.83	15.89	0.039	
				25	12	1	22.38	16.44	0.044	
				25	24	1	22.18	16.24	0.042	
				50	0	1	21.83	15.89	0.039	
				16QAM	1	0	1	21.81	15.87	0.039
		1	24		1	22.32	16.38	0.043		
		1	49		1	22.15	16.21	0.042		
		25	0		2	21.09	15.15	0.033		
		25	12		2	21.33	15.39	0.035		
		23130	711.0	QPSK	25	24	2	21.28	15.34	0.034
					50	0	2	21.25	15.31	0.034
					1	0	0	23.05	17.11	0.051
					1	24	0	23.09	17.15	0.052
1	49				0	23.24	17.30	0.054		
25	0			1	22.16	16.22	0.042			
25	12			1	22.25	16.31	0.043			
25	24			1	22.38	16.44	0.044			
50	0			1	22.16	16.22	0.042			
16QAM	1			0	1	22.14	16.20	0.042		
	1	24	1	22.19	16.25	0.042				
	1	49	1	22.35	16.41	0.044				
	25	0	2	21.29	15.35	0.034				
	25	12	2	21.20	15.26	0.034				
25	24	2	21.15	15.21	0.033					
50	0	2	21.12	15.18	0.033					

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 13 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)
13	5	23205	779.5	QPSK	1	0	0	22.96	20.21	0.105
					1	12	0	23.29	20.54	0.113
					1	24	0	22.97	20.22	0.105
					12	0	1	22.07	19.32	0.086
					12	6	1	22.45	19.70	0.093
					12	11	1	22.12	19.37	0.086
				25	0	1	22.10	19.35	0.086	
				1	0	1	22.06	19.31	0.085	
				1	12	1	22.39	19.64	0.092	
				1	24	1	22.08	19.33	0.086	
				12	0	2	21.01	18.26	0.067	
				12	6	2	21.39	18.64	0.073	
				12	11	2	21.35	18.60	0.072	
				25	0	2	21.32	18.57	0.072	
				1	0	0	22.99	20.24	0.106	
		1	12	0	23.32	20.57	0.114			
		1	24	0	23.01	20.26	0.106			
		12	0	1	22.11	19.36	0.086			
		12	6	1	22.48	19.73	0.094			
		12	11	1	22.15	19.40	0.087			
		25	0	1	22.11	19.36	0.086			
		1	0	1	22.09	19.34	0.086			
		1	12	1	22.42	19.67	0.093			
		1	24	1	22.12	19.37	0.086			
		12	0	2	21.06	18.31	0.068			
		12	6	2	21.43	18.68	0.074			
		12	11	2	21.38	18.63	0.073			
		25	0	2	21.35	18.60	0.072			
		1	0	0	22.98	20.23	0.106			
		1	12	0	23.30	20.55	0.114			
		1	24	0	22.99	20.24	0.106			
		12	0	1	22.09	19.34	0.086			
		12	6	1	22.46	19.71	0.094			
		12	11	1	22.13	19.38	0.087			
		25	0	1	22.09	19.34	0.086			
		1	0	1	22.07	19.32	0.086			
		1	12	1	22.40	19.65	0.092			
		1	24	1	22.10	19.35	0.086			
		12	0	2	21.04	18.29	0.067			
		12	6	2	21.41	18.66	0.074			
		12	11	2	21.36	18.61	0.073			
		25	0	2	21.33	18.58	0.072			

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)	ERP power (dBm)	ERP power (W)
13	10	23230	782.0	QPSK	1	0	0	23.03	20.28	0.107
					1	24	0	23.35	20.60	0.115
					1	49	0	23.04	20.29	0.107
					25	0	1	22.14	19.39	0.087
					25	12	1	22.51	19.76	0.095
					25	24	1	22.18	19.43	0.088
				16QAM	50	0	1	22.14	19.39	0.087
					1	0	1	22.12	19.37	0.086
					1	24	1	22.45	19.70	0.093
					1	49	1	22.15	19.40	0.087
					25	0	2	21.09	18.34	0.068
					25	12	2	21.46	18.71	0.074
					25	24	2	21.41	18.66	0.073
					50	0	2	21.38	18.63	0.073

NOTE:

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

LTE Band 66 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)		
66	1.4	131979	1710.7	QPSK	1	0	0	23.07	25.05	0.320		
					1	2	0	23.27	25.25	0.335		
					1	5	0	23.18	25.16	0.328		
					3	0	0	23.07	25.05	0.320		
					3	1	0	23.27	25.25	0.335		
					3	2	0	23.18	25.16	0.328		
				16QAM	6	0	1	22.18	24.16	0.261		
					1	0	1	22.16	24.14	0.259		
					1	2	1	22.37	24.35	0.272		
					1	5	1	22.29	24.27	0.267		
					3	0	1	22.16	24.14	0.259		
					3	1	1	22.37	24.35	0.272		
		132322	1745.0	QPSK	1745.0	QPSK	3	2	1	22.29	24.27	0.267
							6	0	2	21.30	23.28	0.213
							1	0	0	22.87	24.85	0.305
							1	2	0	23.12	25.10	0.324
							1	5	0	22.73	24.71	0.296
							3	0	0	22.87	24.85	0.305
				16QAM	3	1	0	23.12	25.10	0.324		
					3	2	0	22.73	24.71	0.296		
					6	0	1	21.98	23.96	0.249		
					1	0	1	21.96	23.94	0.248		
					1	2	1	22.22	24.20	0.263		
					1	5	1	21.84	23.82	0.241		
		132665	1779.3	QPSK	1779.3	QPSK	3	0	1	21.96	23.94	0.248
							3	1	1	22.22	24.20	0.263
							3	2	1	21.84	23.82	0.241
							6	0	2	20.78	22.76	0.189
							1	0	0	22.64	24.62	0.290
							1	2	0	23.27	25.25	0.335
				16QAM	1	5	0	22.97	24.95	0.313		
					3	0	0	22.64	24.62	0.290		
					3	1	0	23.27	25.25	0.335		
					3	2	0	22.97	24.95	0.313		
					6	0	1	21.75	23.73	0.236		
					1	0	1	21.73	23.71	0.235		
16QAM	1	2	1	22.37	24.35	0.272						
	1	5	1	22.08	24.06	0.255						
	3	0	1	21.73	23.71	0.235						
	3	1	1	22.37	24.35	0.272						
	3	2	1	22.08	24.06	0.255						
	6	0	2	21.02	23.00	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 Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	3	131987	1711.5	QPSK	1	0	0	23.12	25.10	0.324
					1	7	0	23.32	25.30	0.339
					1	14	0	23.23	25.21	0.332
					8	0	1	22.23	24.21	0.264
					8	4	1	22.48	24.46	0.279
					8	7	1	22.37	24.35	0.272
				16QAM	15	0	1	22.23	24.21	0.264
					1	0	1	22.21	24.19	0.262
					1	7	1	22.42	24.40	0.275
					1	14	1	22.34	24.32	0.270
					8	0	2	21.28	23.26	0.212
					8	4	2	21.43	23.41	0.219
					8	7	2	21.38	23.36	0.217
					15	0	2	21.35	23.33	0.215
					132322	1745.0	QPSK	1	0	0
		1	7	0				23.17	25.15	0.327
		1	14	0				22.78	24.76	0.299
		8	0	1				22.03	24.01	0.252
		8	4	1				22.33	24.31	0.270
		8	7	1				21.92	23.90	0.245
		16QAM	15	0			1	22.03	24.01	0.252
			1	0			1	22.01	23.99	0.251
			1	7			1	22.27	24.25	0.266
			1	14			1	21.89	23.87	0.244
			8	0			2	20.83	22.81	0.191
			8	4			2	21.28	23.26	0.212
			8	7			2	21.23	23.21	0.209
			15	0			2	21.20	23.18	0.208
			132657	1778.5			QPSK	1	0	0
		1			7	0		23.32	25.30	0.339
		1			14	0		23.02	25.00	0.316
		8			0	1		21.80	23.78	0.239
		8			4	1		22.48	24.46	0.279
		8			7	1		22.16	24.14	0.259
		16QAM			15	0	1	21.80	23.78	0.239
					1	0	1	21.78	23.76	0.238
					1	7	1	22.42	24.40	0.275
					1	14	1	22.13	24.11	0.258
					8	0	2	21.07	23.05	0.202
					8	4	2	21.43	23.41	0.219
					8	7	2	21.38	23.36	0.217
					15	0	2	21.35	23.33	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)
66	5	131997	1712.5	QPSK	1	0	0	23.17	25.15	0.327
					1	12	0	23.37	25.35	0.343
					1	24	0	23.28	25.26	0.336
					12	0	1	22.28	24.26	0.267
					12	6	1	22.53	24.51	0.282
					12	11	1	22.42	24.40	0.275
				16QAM	25	0	1	22.28	24.26	0.267
					1	0	1	22.26	24.24	0.265
					1	12	1	22.47	24.45	0.279
					1	24	1	22.39	24.37	0.274
					12	0	2	21.33	23.31	0.214
					12	6	2	21.48	23.46	0.222
		132322	1745.0	QPSK	12	11	2	21.43	23.41	0.219
					25	0	2	21.40	23.38	0.218
					1	0	0	22.97	24.95	0.313
					1	12	0	23.22	25.20	0.331
					1	24	0	22.83	24.81	0.303
					12	0	1	22.08	24.06	0.255
				16QAM	12	6	1	22.38	24.36	0.273
					12	11	1	21.97	23.95	0.248
					25	0	1	22.08	24.06	0.255
					1	0	1	22.06	24.04	0.254
					1	12	1	22.32	24.30	0.269
					1	24	1	21.94	23.92	0.247
		132647	1777.5	QPSK	12	0	2	20.88	22.86	0.193
					12	6	2	21.33	23.31	0.214
					12	11	2	21.28	23.26	0.212
					25	0	2	21.25	23.23	0.210
					1	0	0	22.74	24.72	0.296
					1	12	0	23.37	25.35	0.343
				16QAM	1	24	0	23.07	25.05	0.320
					12	0	1	21.85	23.83	0.242
					12	6	1	22.53	24.51	0.282
					12	11	1	22.21	24.19	0.262
					25	0	1	21.85	23.83	0.242
					1	0	1	21.83	23.81	0.240
16QAM	1	12	1	22.47	24.45	0.279				
	1	24	1	22.18	24.16	0.261				
	12	0	2	21.12	23.10	0.204				
	12	6	2	21.48	23.46	0.222				
	12	11	2	21.43	23.41	0.219				
	25	0	2	21.40	23.38	0.218				

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
66	10	132022	1715.0	QPSK	1	0	0	23.22	25.20	0.331
					1	24	0	23.42	25.40	0.347
					1	49	0	23.33	25.31	0.340
					25	0	1	22.33	24.31	0.270
					25	12	1	22.58	24.56	0.286
					25	24	1	22.47	24.45	0.279
				50	0	1	22.33	24.31	0.270	
				16QAM	1	0	1	22.31	24.29	0.269
					1	24	1	22.52	24.50	0.282
					1	49	1	22.44	24.42	0.277
					25	0	2	21.38	23.36	0.217
					25	12	2	21.53	23.51	0.224
		25	24		2	21.48	23.46	0.222		
		50	0	2	21.45	23.43	0.220			
		132322	1745.0	QPSK	1	0	0	23.02	25.00	0.316
					1	24	0	23.27	25.25	0.335
					1	49	0	22.88	24.86	0.306
					25	0	1	22.13	24.11	0.258
					25	12	1	22.43	24.41	0.276
					25	24	1	22.02	24.00	0.251
				50	0	1	22.13	24.11	0.258	
				16QAM	1	0	1	22.11	24.09	0.256
					1	24	1	22.37	24.35	0.272
					1	49	1	21.99	23.97	0.249
					25	0	2	20.93	22.91	0.195
					25	12	2	21.38	23.36	0.217
		25	24		2	21.33	23.31	0.214		
		50	0	2	21.30	23.28	0.213			
		132622	1775.0	QPSK	1	0	0	22.79	24.77	0.300
					1	24	0	23.42	25.40	0.347
					1	49	0	23.12	25.10	0.324
					25	0	1	21.90	23.88	0.244
					25	12	1	22.58	24.56	0.286
					25	24	1	22.26	24.24	0.265
				50	0	1	21.90	23.88	0.244	
				16QAM	1	0	1	21.88	23.86	0.243
1	24				1	22.52	24.50	0.282		
1	49				1	22.23	24.21	0.264		
25	0				2	21.17	23.15	0.207		
25	12				2	21.53	23.51	0.224		
25	24	2	21.48		23.46	0.222				
50	0	2	21.45	23.43	0.220					

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)		
66	15	132047	1717.5	QPSK	1	0	0	23.27	25.25	0.335		
					1	37	0	23.47	25.45	0.351		
					1	74	0	23.38	25.36	0.344		
					36	0	1	22.38	24.36	0.273		
					36	18	1	22.63	24.61	0.289		
					36	35	1	22.52	24.50	0.282		
				16QAM	75	0	1	22.38	24.36	0.273		
					1	0	1	22.36	24.34	0.272		
					1	37	1	22.57	24.55	0.285		
					1	74	1	22.49	24.47	0.280		
					36	0	2	21.43	23.41	0.219		
					36	18	2	21.58	23.56	0.227		
		132322	1745.0	QPSK	1745.0	QPSK	36	35	2	21.53	23.51	0.224
							75	0	2	21.50	23.48	0.223
							1	0	0	23.07	25.05	0.320
							1	37	0	23.32	25.30	0.339
							1	74	0	22.93	24.91	0.310
							36	0	1	22.18	24.16	0.261
				16QAM	36	18	1	22.48	24.46	0.279		
					36	35	1	22.07	24.05	0.254		
					75	0	1	22.18	24.16	0.261		
					1	0	1	22.16	24.14	0.259		
					1	37	1	22.42	24.40	0.275		
					1	74	1	22.04	24.02	0.252		
		132597	1772.5	QPSK	1772.5	QPSK	36	0	2	20.98	22.96	0.198
							36	18	2	21.43	23.41	0.219
							36	35	2	21.38	23.36	0.217
							75	0	2	21.35	23.33	0.215
							1	0	0	22.84	24.82	0.303
							1	37	0	23.47	25.45	0.351
				16QAM	1	74	0	23.17	25.15	0.327		
					36	0	1	21.95	23.93	0.247		
					36	18	1	22.63	24.61	0.289		
					36	35	1	22.31	24.29	0.269		
					75	0	1	21.95	23.93	0.247		
					1	0	1	21.93	23.91	0.246		
16QAM	1	37	1	22.57	24.55	0.285						
	1	74	1	22.28	24.26	0.267						
	36	0	2	21.22	23.20	0.209						
	36	18	2	21.58	23.56	0.227						
	36	35	2	21.53	23.51	0.224						
	75	0	2	21.50	23.48	0.223						

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)		
66	20	132072	1720.0	QPSK	1	0	0	23.32	25.30	0.339		
					1	49	0	23.52	25.50	0.355		
					1	99	0	23.43	25.41	0.348		
					50	0	1	22.43	24.41	0.276		
					50	24	1	22.68	24.66	0.292		
					50	49	1	22.57	24.55	0.285		
				16QAM	100	0	1	22.43	24.41	0.276		
					1	0	1	22.41	24.39	0.275		
					1	49	1	22.62	24.60	0.288		
					1	99	1	22.54	24.52	0.283		
					50	0	2	21.48	23.46	0.222		
					50	24	2	21.63	23.61	0.230		
		132322	1745.0	QPSK	1745.0	QPSK	50	49	2	21.58	23.56	0.227
							100	0	2	21.55	23.53	0.225
							1	0	0	23.12	25.10	0.324
							1	49	0	23.37	25.35	0.343
							1	99	0	22.98	24.96	0.313
							50	0	1	22.23	24.21	0.264
				16QAM	50	24	1	22.53	24.51	0.282		
					50	49	1	22.12	24.10	0.257		
					100	0	1	22.23	24.21	0.264		
					1	0	1	22.21	24.19	0.262		
					1	49	1	22.47	24.45	0.279		
					1	99	1	22.09	24.07	0.255		
		132572	1770.0	QPSK	1770.0	QPSK	50	0	2	21.03	23.01	0.200
							50	24	2	21.48	23.46	0.222
							50	49	2	21.43	23.41	0.219
							100	0	2	21.40	23.38	0.218
							1	0	0	22.89	24.87	0.307
							1	49	0	23.52	25.50	0.355
				16QAM	1	99	0	23.22	25.20	0.331		
					50	0	1	22.00	23.98	0.250		
					50	24	1	22.68	24.66	0.292		
					50	49	1	22.36	24.34	0.272		
					100	0	1	22.00	23.98	0.250		
					1	0	1	21.98	23.96	0.249		
16QAM	1	49	1	22.62	24.60	0.288						
	1	99	1	22.33	24.31	0.270						
	50	0	2	21.27	23.25	0.211						
	50	24	2	21.63	23.61	0.230						
	50	49	2	21.58	23.56	0.227						
	100	0	2	21.55	23.53	0.225						

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band 71 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Start	MPR	Average power (dBm)	ERP power (dBm)	ERP power (W)		
71	5	133147	665.5	QPSK	1	0	0	23.77	16.68	0.047		
					1	12	0	23.27	16.18	0.041		
					1	24	0	23.22	16.13	0.041		
					12	0	1	22.88	15.79	0.038		
					12	6	1	22.43	15.34	0.034		
					12	11	1	22.36	15.27	0.034		
				16QAM	25	0	1	22.88	15.79	0.038		
					1	0	1	22.86	15.77	0.038		
					1	12	1	22.37	15.28	0.034		
					1	24	1	22.33	15.24	0.033		
					12	0	2	21.27	14.18	0.026		
					12	6	2	21.38	14.29	0.027		
		133297	680.5	QPSK	680.5	QPSK	1	0	0	23.33	16.24	0.042
							1	12	0	23.42	16.33	0.043
							1	24	0	23.29	16.20	0.042
							12	0	1	22.44	15.35	0.034
							12	6	1	22.58	15.49	0.035
							12	11	1	22.43	15.34	0.034
				16QAM	25	0	1	22.44	15.35	0.034		
					1	0	1	22.42	15.33	0.034		
					1	12	1	22.52	15.43	0.035		
					1	24	1	22.40	15.31	0.034		
					12	0	2	21.34	14.25	0.027		
					12	6	2	21.53	14.44	0.028		
		133447	695.5	QPSK	695.5	QPSK	1	11	1	22.43	15.34	0.034
							25	0	1	22.44	15.35	0.034
							1	0	1	22.42	15.33	0.034
							1	12	1	22.52	15.43	0.035
							1	24	1	22.40	15.31	0.034
							12	0	2	21.34	14.25	0.027
				16QAM	12	6	2	21.53	14.44	0.028		
					12	11	2	21.48	14.39	0.027		
					25	0	2	21.45	14.36	0.027		
					1	0	0	23.17	16.08	0.041		
					1	12	0	23.34	16.25	0.042		
					1	24	0	22.97	15.88	0.039		
133447	695.5	QPSK	695.5	QPSK	12	0	1	22.28	15.19	0.033		
					12	6	1	22.50	15.41	0.035		
					12	11	1	22.11	15.02	0.032		
					25	0	1	22.28	15.19	0.033		
					1	0	1	22.26	15.17	0.033		
					1	12	1	22.44	15.35	0.034		
		16QAM	1	24	1	22.08	14.99	0.032				
			12	0	2	21.02	13.93	0.025				
			12	6	2	21.45	14.36	0.027				
			12	11	2	21.40	14.31	0.027				
			25	0	2	21.37	14.28	0.027				

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)
71	10	133172	668.0	QPSK	1	0	0	23.82	16.73	0.047
					1	24	0	23.32	16.23	0.042
					1	49	0	23.27	16.18	0.041
					25	0	1	22.93	15.84	0.038
					25	12	1	22.48	15.39	0.035
					25	24	1	22.41	15.32	0.034
				16QAM	50	0	1	22.93	15.84	0.038
					1	0	1	22.91	15.82	0.038
					1	24	1	22.42	15.33	0.034
					1	49	1	22.38	15.29	0.034
					25	0	2	21.32	14.23	0.026
					25	12	2	21.43	14.34	0.027
		133297	680.5	QPSK	25	24	2	21.38	14.29	0.027
					50	0	2	21.35	14.26	0.027
					1	0	0	23.38	16.29	0.043
					1	24	0	23.47	16.38	0.043
					1	49	0	23.34	16.25	0.042
					25	0	1	22.49	15.40	0.035
				16QAM	25	12	1	22.63	15.54	0.036
					25	24	1	22.48	15.39	0.035
					50	0	1	22.49	15.40	0.035
					1	0	1	22.47	15.38	0.035
					1	24	1	22.57	15.48	0.035
					1	49	1	22.45	15.36	0.034
		133421	693.0	QPSK	25	0	2	21.39	14.30	0.027
					25	12	2	21.58	14.49	0.028
					25	24	2	21.53	14.44	0.028
					50	0	2	21.50	14.41	0.028
					1	0	0	23.22	16.13	0.041
					1	24	0	23.39	16.30	0.043
				16QAM	1	49	0	23.02	15.93	0.039
					25	0	1	22.33	15.24	0.033
					25	12	1	22.55	15.46	0.035
					25	24	1	22.16	15.07	0.032
					50	0	1	22.33	15.24	0.033
					1	0	1	22.31	15.22	0.033
16QAM	1	24	1	22.49	15.40	0.035				
	1	49	1	22.13	15.04	0.032				
	25	0	2	21.07	13.98	0.025				
	25	12	2	21.50	14.41	0.028				
	25	24	2	21.45	14.36	0.027				
	50	0	2	21.42	14.33	0.027				

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)
71	15	133197	670.5	QPSK	1	0	0	23.87	16.78	0.048
					1	37	0	23.37	16.28	0.042
					1	74	0	23.32	16.23	0.042
					36	0	1	22.98	15.89	0.039
					36	18	1	22.53	15.44	0.035
					36	35	1	22.46	15.37	0.034
				16QAM	75	0	1	22.98	15.89	0.039
					1	0	1	22.96	15.87	0.039
					1	37	1	22.47	15.38	0.035
					1	74	1	22.43	15.34	0.034
					36	0	2	21.37	14.28	0.027
					36	18	2	21.48	14.39	0.027
		133297	680.5	QPSK	36	35	2	21.43	14.34	0.027
					75	0	2	21.40	14.31	0.027
					1	0	0	23.43	16.34	0.043
					1	37	0	23.52	16.43	0.044
					1	74	0	23.39	16.30	0.043
					36	0	1	22.54	15.45	0.035
				16QAM	36	18	1	22.68	15.59	0.036
					36	35	1	22.53	15.44	0.035
					75	0	1	22.54	15.45	0.035
					1	0	1	22.52	15.43	0.035
					1	37	1	22.62	15.53	0.036
					1	74	1	22.50	15.41	0.035
		133397	690.5	QPSK	36	0	2	21.44	14.35	0.027
					36	18	2	21.63	14.54	0.028
					36	35	2	21.58	14.49	0.028
					75	0	2	21.55	14.46	0.028
					1	0	0	23.27	16.18	0.041
					1	37	0	23.44	16.35	0.043
				16QAM	1	74	0	23.07	15.98	0.040
					36	0	1	22.38	15.29	0.034
					36	18	1	22.60	15.51	0.036
					36	35	1	22.21	15.12	0.033
					75	0	1	22.38	15.29	0.034
					1	0	1	22.36	15.27	0.034
16QAM	1	37	1	22.54	15.45	0.035				
	1	74	1	22.18	15.09	0.032				
	36	0	2	21.12	14.03	0.025				
	36	18	2	21.55	14.46	0.028				
	36	35	2	21.50	14.41	0.028				
	75	0	2	21.47	14.38	0.027				

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)
71	20	133222	673.0	QPSK	1	0	0	23.92	16.83	0.048
					1	49	0	23.42	16.33	0.043
					1	99	0	23.37	16.28	0.042
					50	0	1	23.03	15.94	0.039
					50	24	1	22.58	15.49	0.035
					50	49	1	22.51	15.42	0.035
				16QAM	100	0	1	23.03	15.94	0.039
					1	0	1	23.01	15.92	0.039
					1	49	1	22.52	15.43	0.035
					1	99	1	22.48	15.39	0.035
					50	0	2	21.42	14.33	0.027
					50	24	2	21.53	14.44	0.028
		133297	680.5	QPSK	50	49	2	21.48	14.39	0.027
					100	0	2	21.45	14.36	0.027
					1	0	0	23.48	16.39	0.044
					1	49	0	23.57	16.48	0.044
					1	99	0	23.44	16.35	0.043
					50	0	1	22.59	15.50	0.035
				16QAM	50	24	1	22.73	15.64	0.037
					50	49	1	22.58	15.49	0.035
					100	0	1	22.59	15.50	0.035
					1	0	1	22.57	15.48	0.035
					1	49	1	22.67	15.58	0.036
					1	99	1	22.55	15.46	0.035
		133371	688.0	QPSK	50	0	2	21.49	14.40	0.028
					50	24	2	21.68	14.59	0.029
					50	49	2	21.63	14.54	0.028
					100	0	2	21.60	14.51	0.028
					1	0	0	23.32	16.23	0.042
					1	49	0	23.49	16.40	0.044
				16QAM	1	99	0	23.12	16.03	0.040
					50	0	1	22.43	15.34	0.034
					50	24	1	22.65	15.56	0.036
					50	49	1	22.26	15.17	0.033
					100	0	1	22.43	15.34	0.034
					1	0	1	22.41	15.32	0.034
16QAM	1	49	1	22.59	15.50	0.035				
	1	99	1	22.23	15.14	0.033				
	50	0	2	21.17	14.08	0.026				
	50	24	2	21.60	14.51	0.028				
	50	49	2	21.55	14.46	0.028				
	100	0	2	21.52	14.43	0.028				

NOTE:

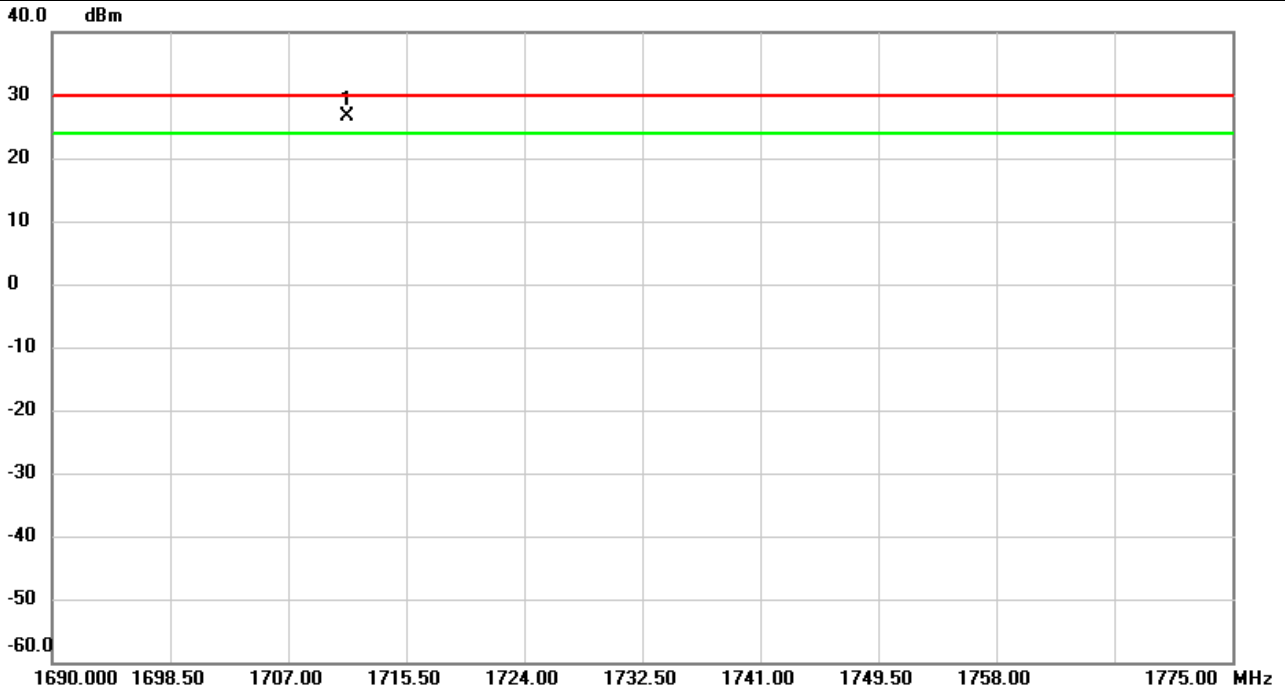
(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Radiated EIRP Power:

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20050	Polarization	Vertical
Temp	26°C	Hum.	60%

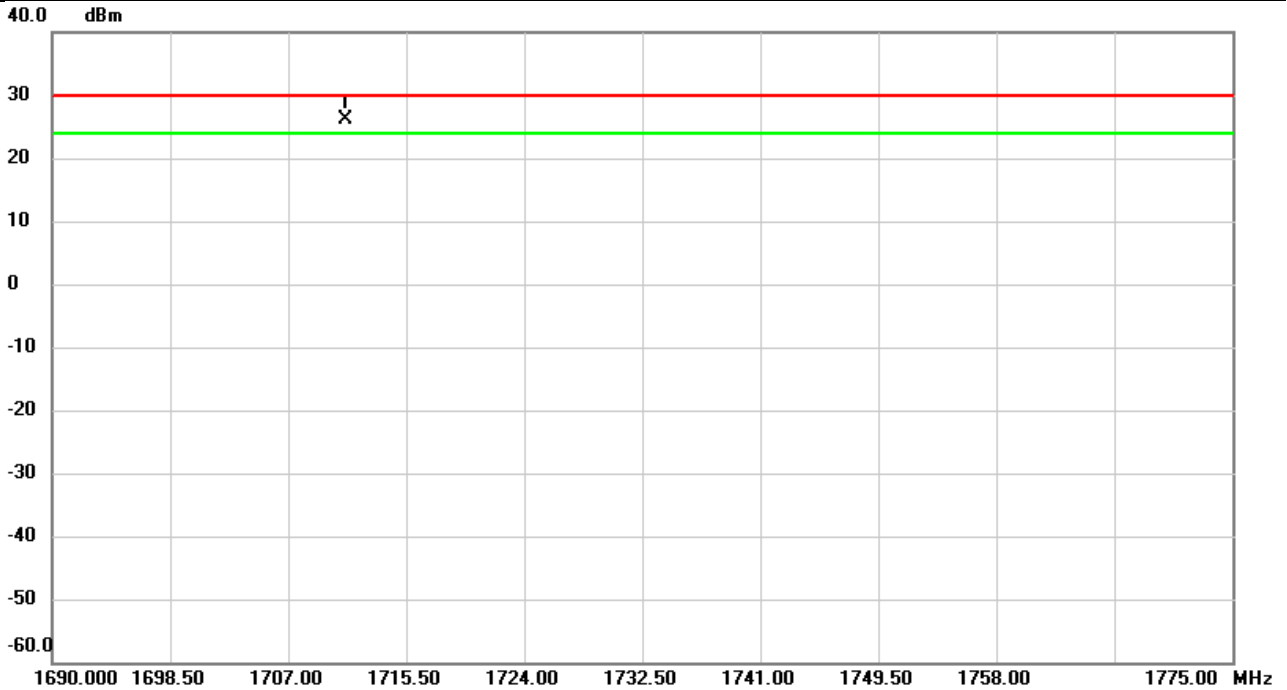


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1711.196	22.27	4.46	26.73	30.00	-3.27	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20050	Polarization	Horizontal
Temp	26°C	Hum.	60%

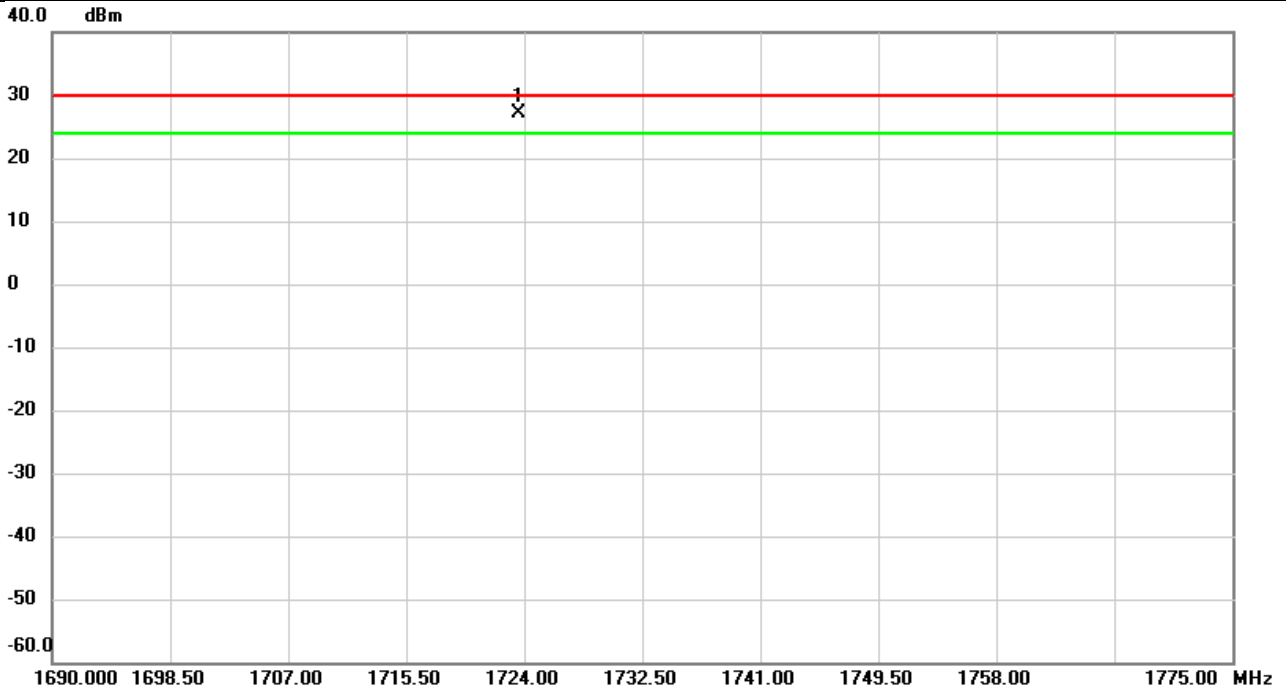


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1711.120	21.53	4.54	26.07	30.00	-3.93	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20175	Polarization	Vertical
Temp	26°C	Hum.	60%

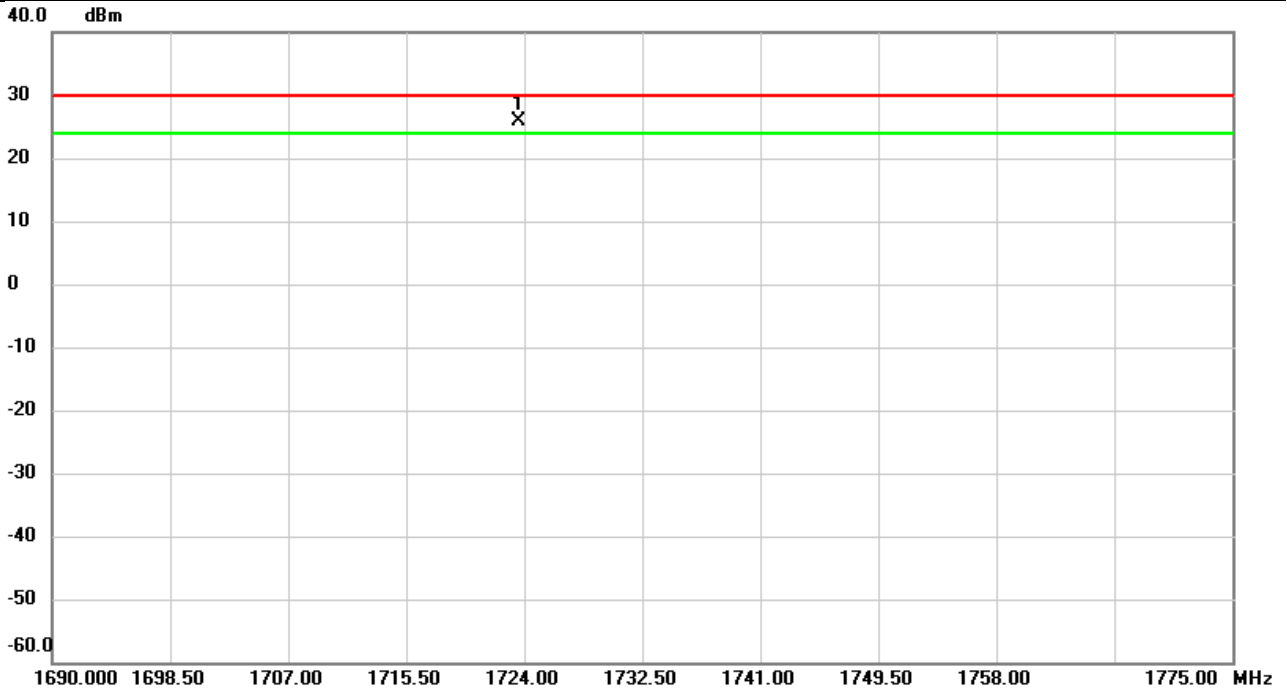


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1723.578	22.82	4.40	27.22	30.00	-2.78	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20175	Polarization	Horizontal
Temp	26°C	Hum.	60%

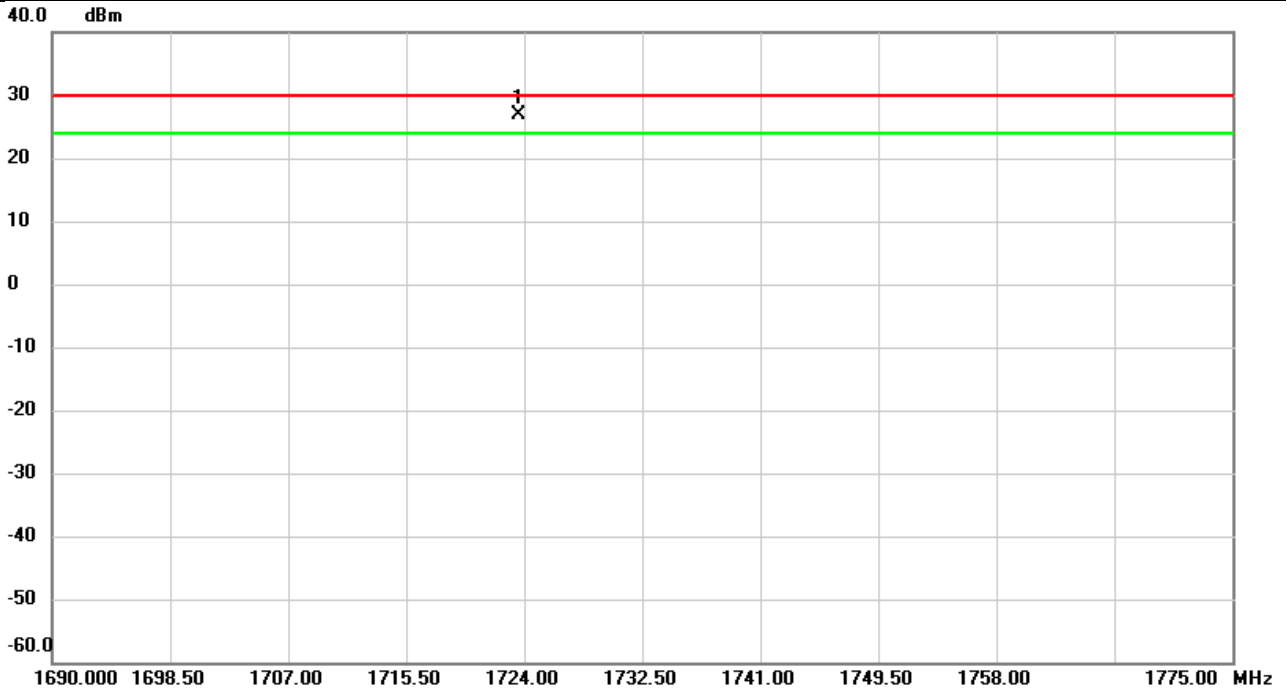


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1723.569	21.40	4.39	25.79	30.00	-4.21	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20300	Polarization	Vertical
Temp	26°C	Hum.	60%

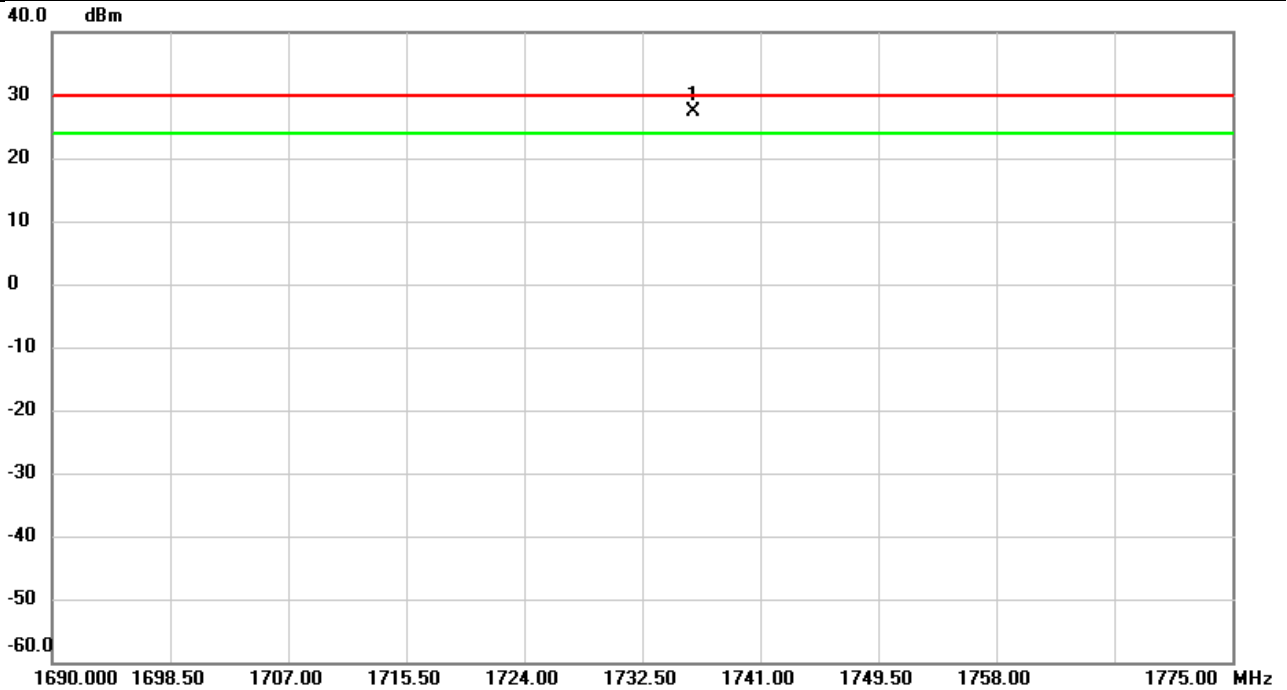


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1723.640	22.55	4.40	26.95	30.00	-3.05	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20300	Polarization	Horizontal
Temp	26°C	Hum.	60%

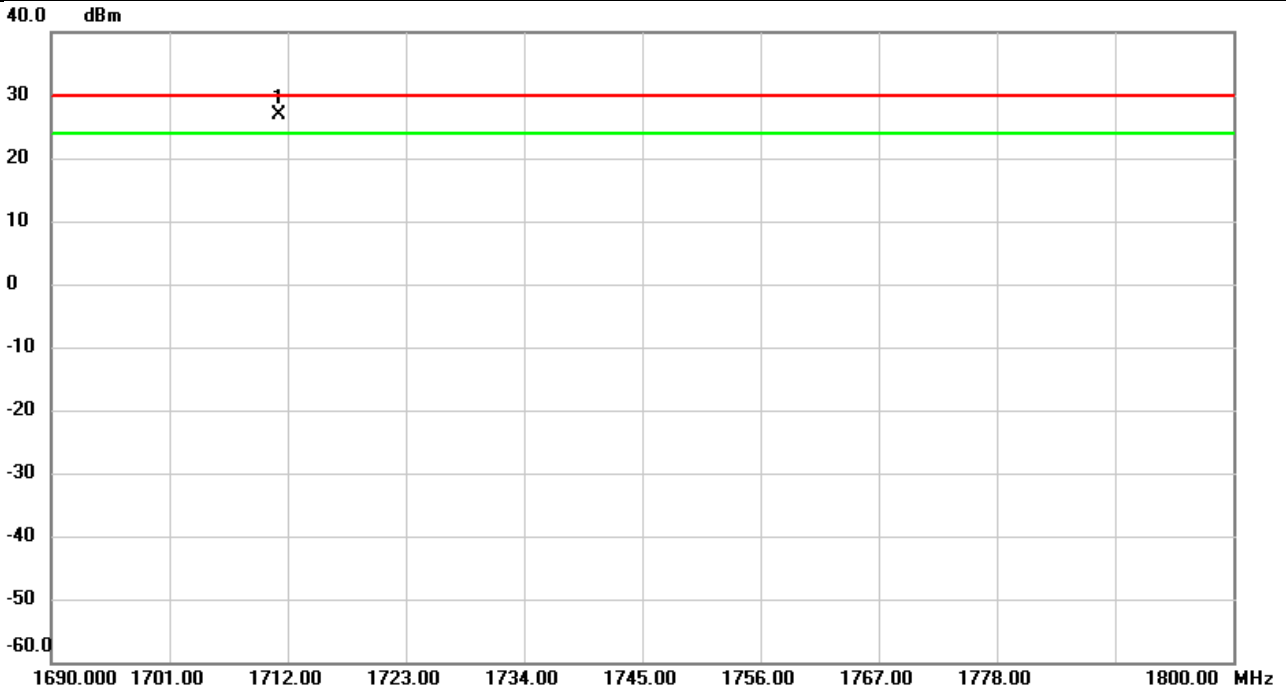


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1736.135	23.07	4.24	27.31	30.00	-2.69	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132072	Polarization	Vertical
Temp	26°C	Hum.	60%

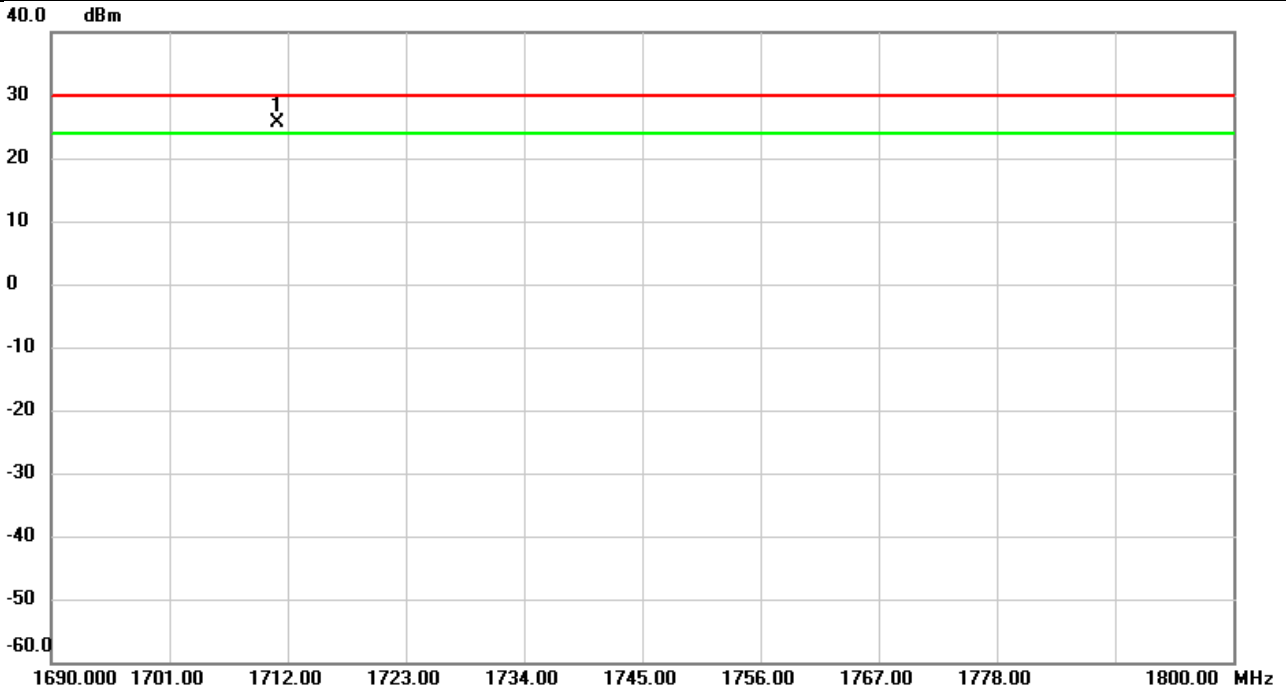


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1711.146	22.43	4.46	26.89	30.00	-3.11	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132072	Polarization	Horizontal
Temp	26°C	Hum.	60%

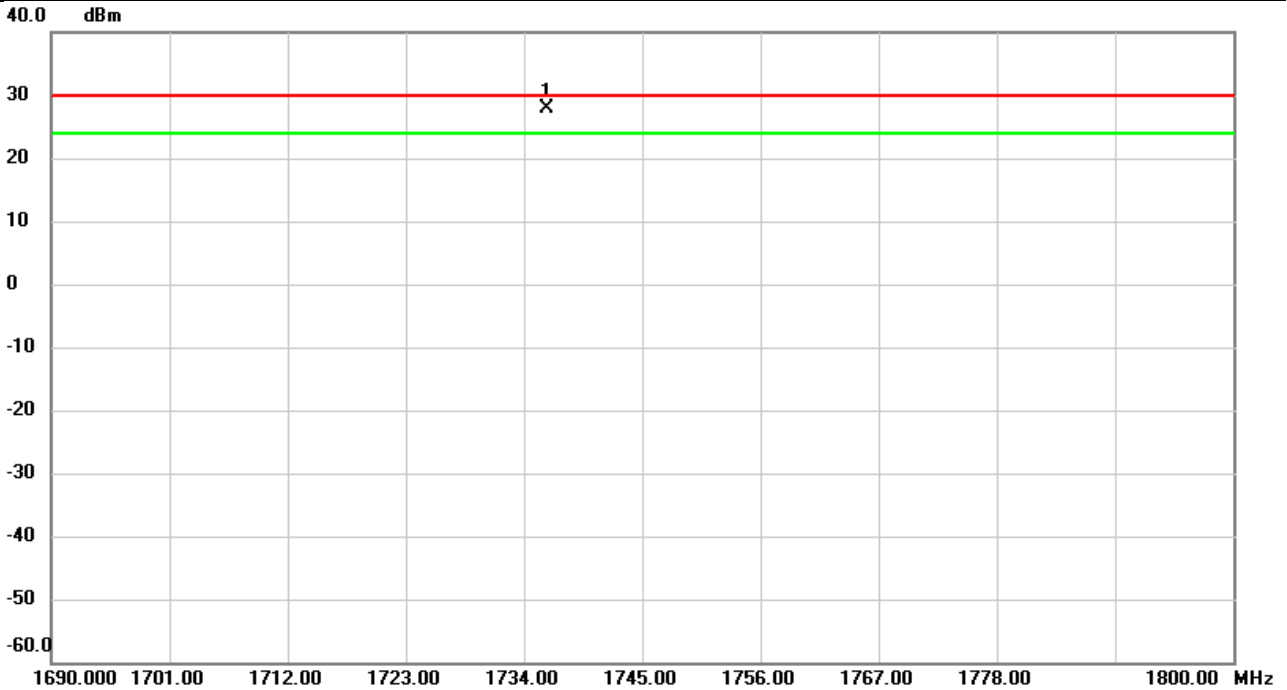


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1711.083	21.15	4.54	25.69	30.00	-4.31	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132322	Polarization	Vertical
Temp	26°C	Hum.	60%

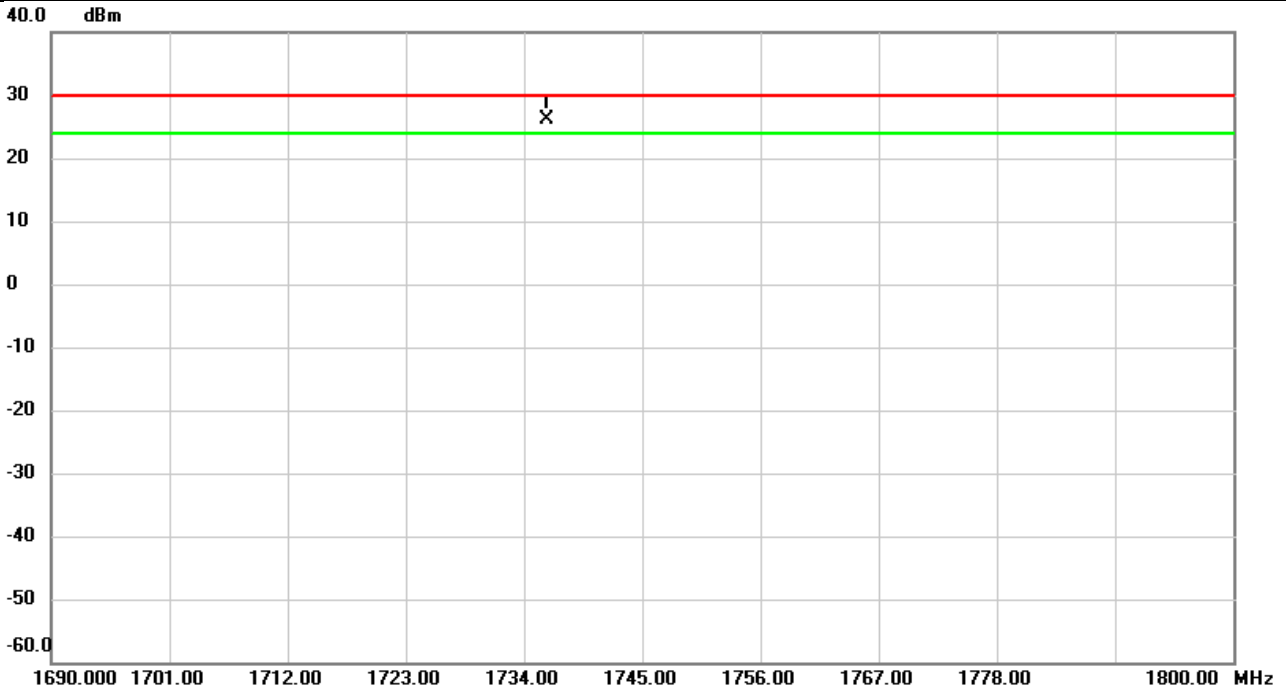


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	1736.123	23.49	4.34	27.83	30.00	-2.17	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132322	Polarization	Horizontal
Temp	26°C	Hum.	60%

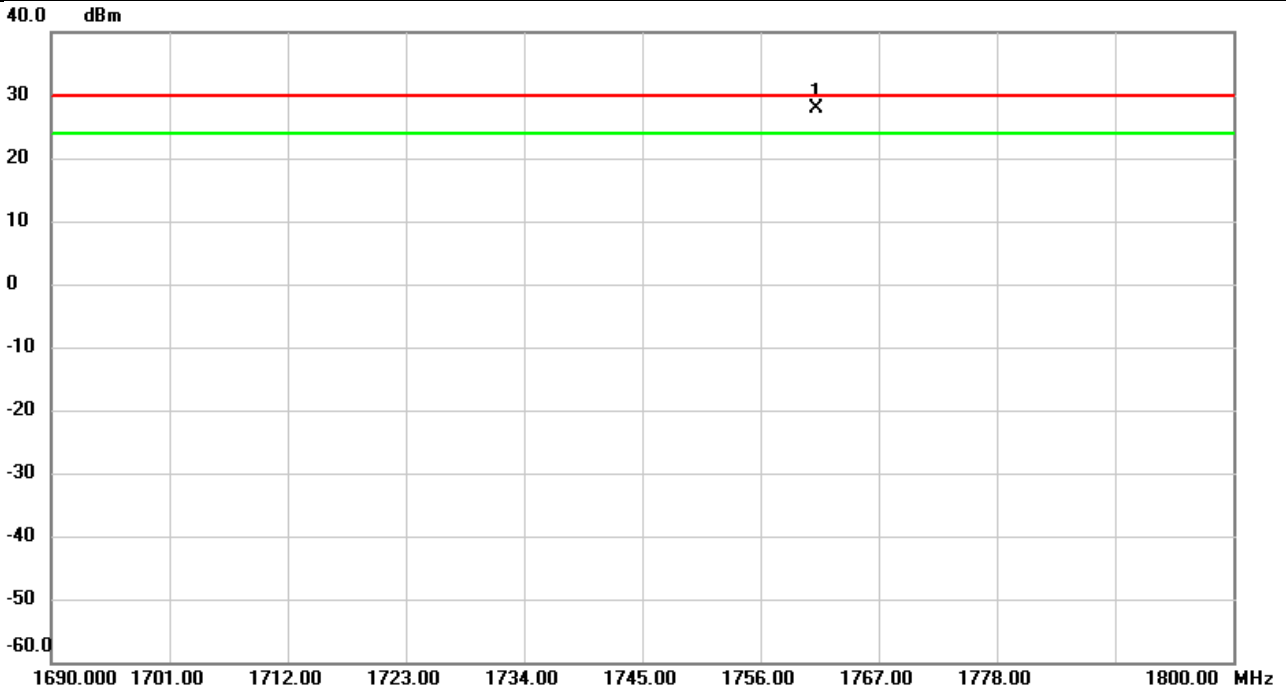


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1736.090	21.81	4.24	26.05	30.00	-3.95	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132572	Polarization	Vertical
Temp	26°C	Hum.	60%

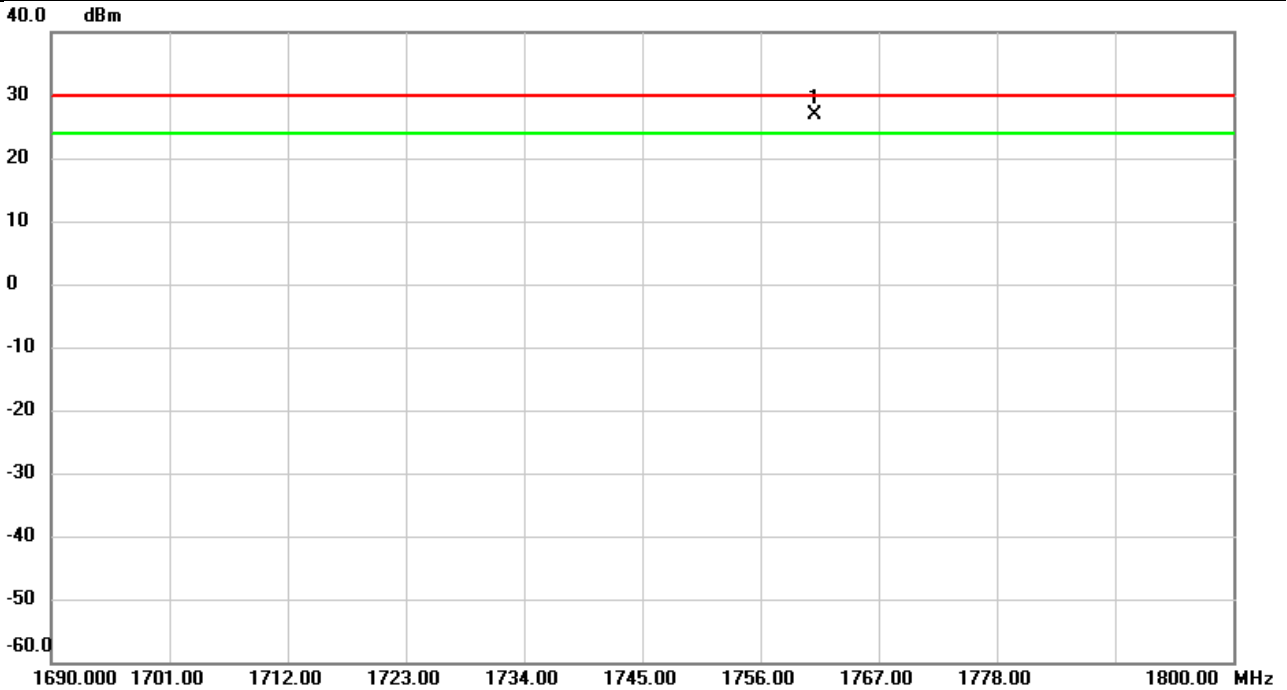


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1761.210	23.43	4.39	27.82	30.00	-2.18	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132572	Polarization	Horizontal
Temp	26°C	Hum.	60%



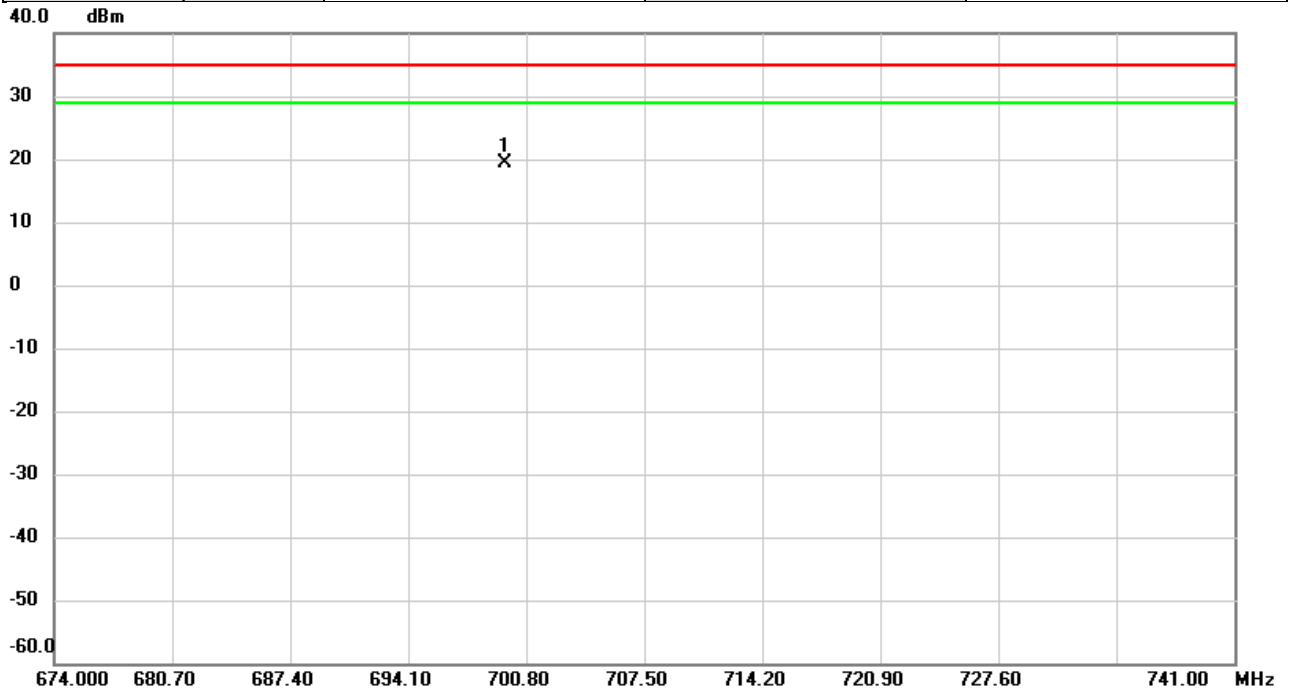
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	1761.093	22.78	4.16	26.94	30.00	-3.06	peak	

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	2022/8/30
Test Channel	CH23060	Polarization	Vertical
Temp	25°C	Hum.	60%

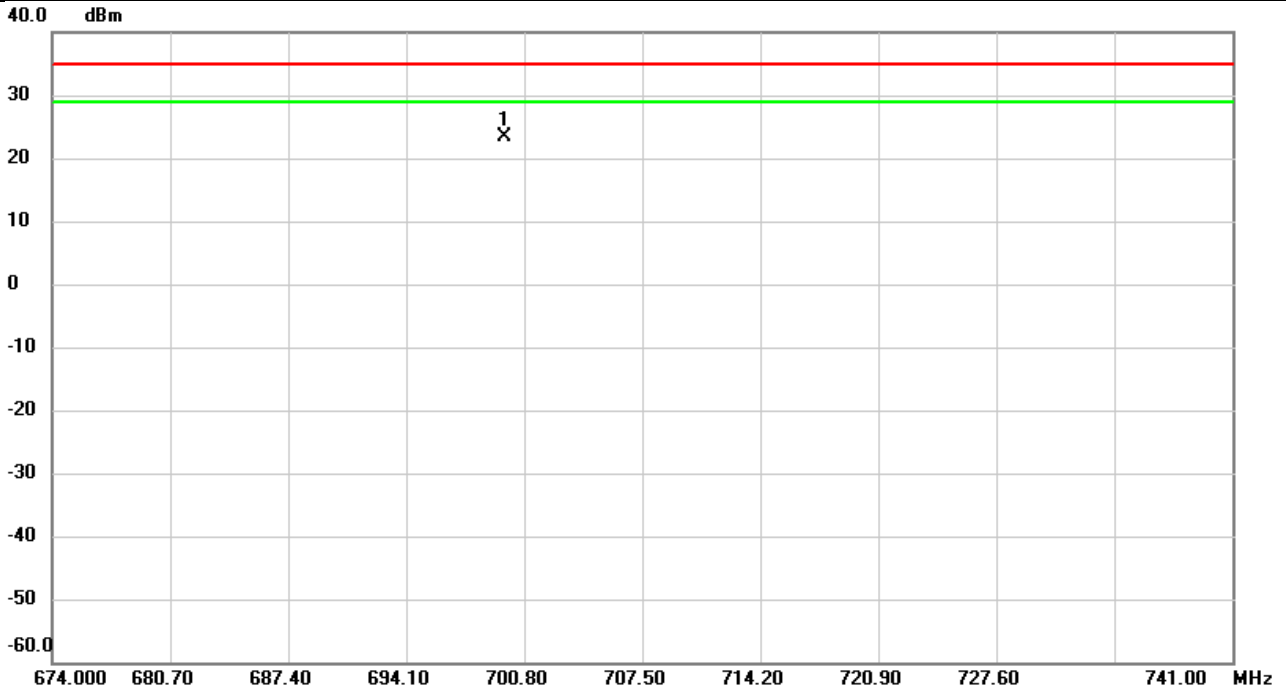


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	699.5672	8.88	10.54	19.42	34.77	-15.35	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/30
Test Channel	CH23060	Polarization	Horizontal
Temp	25°C	Hum.	60%

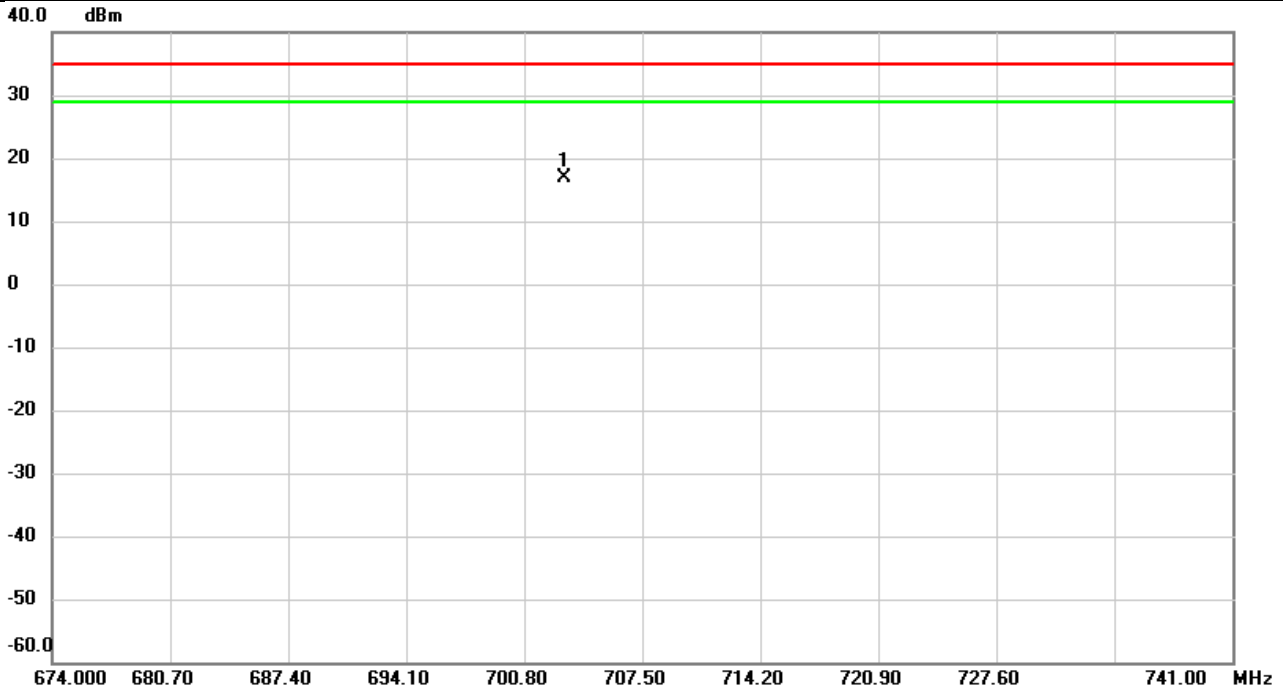


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	699.6453	14.47	8.92	23.39	34.77	-11.38	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/30
Test Channel	CH23095	Polarization	Vertical
Temp	25°C	Hum.	60%

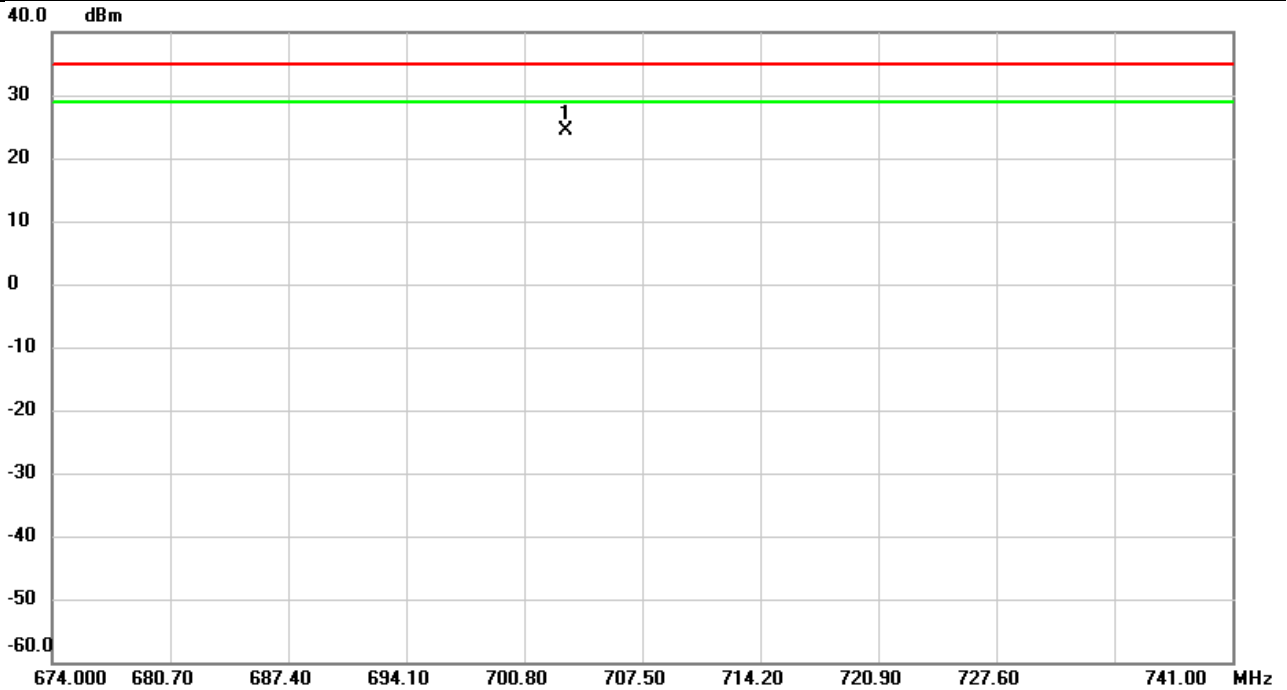


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	703.1182	6.31	10.51	16.82	34.77	-17.95	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/30
Test Channel	CH23095	Polarization	Horizontal
Temp	25°C	Hum.	60%

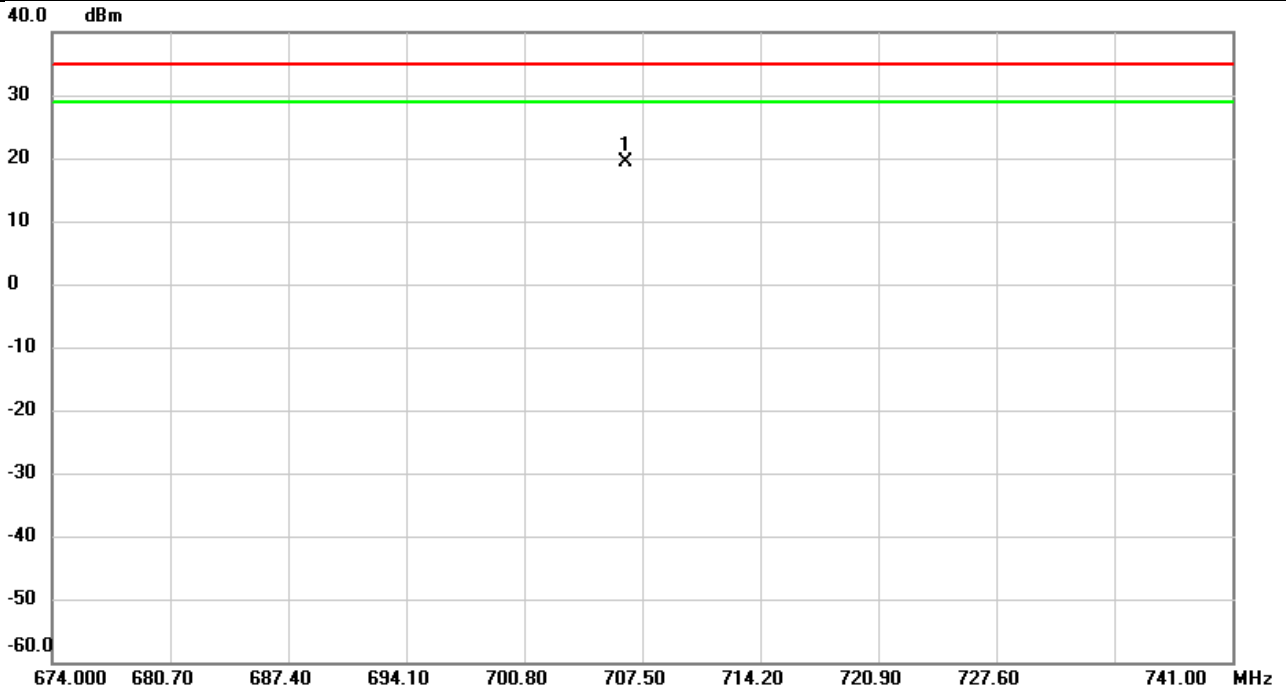


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	703.1271	15.53	8.95	24.48	34.77	-10.29	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/30
Test Channel	CH23130	Polarization	Vertical
Temp	25°C	Hum.	60%

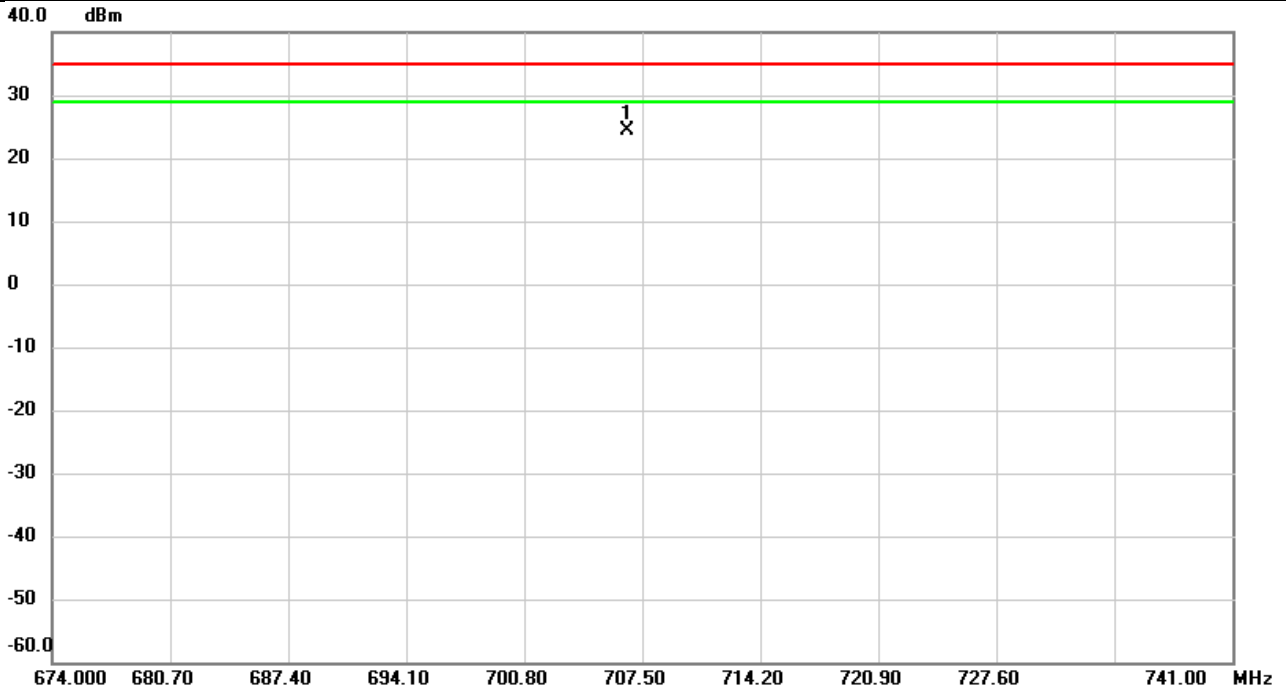


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.5464	8.92	10.46	19.38	34.77	-15.39	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/30
Test Channel	CH23130	Polarization	Horizontal
Temp	25°C	Hum.	60%

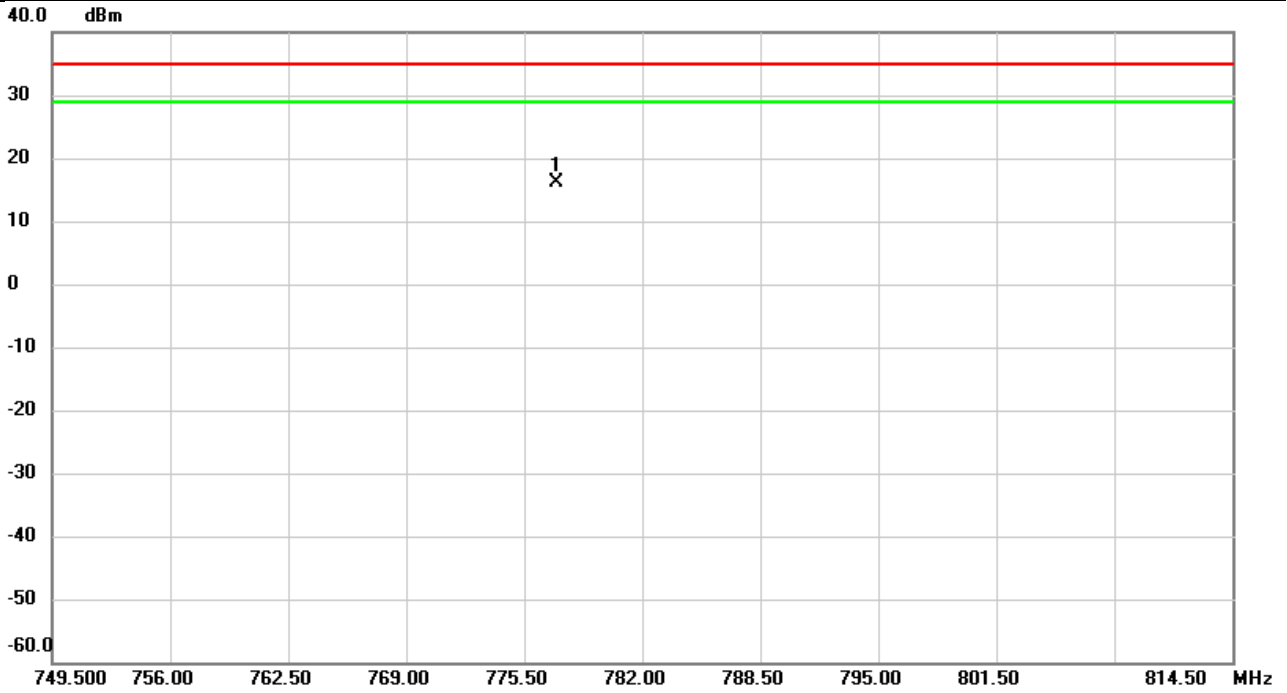


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	706.6110	15.45	8.97	24.42	34.77	-10.35	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23205	Polarization	Vertical
Temp	25°C	Hum.	60%

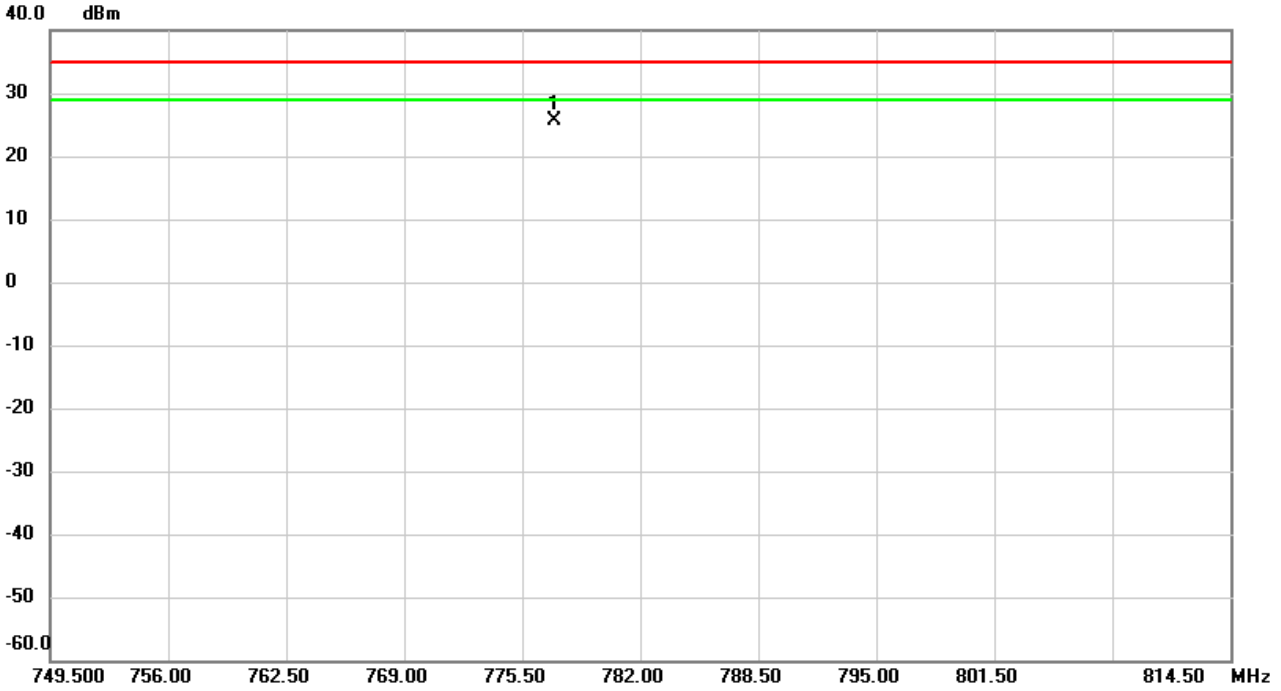


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	777.3027	6.48	9.73	16.21	34.77	-18.56	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23205	Polarization	Horizontal
Temp	25°C	Hum.	60%

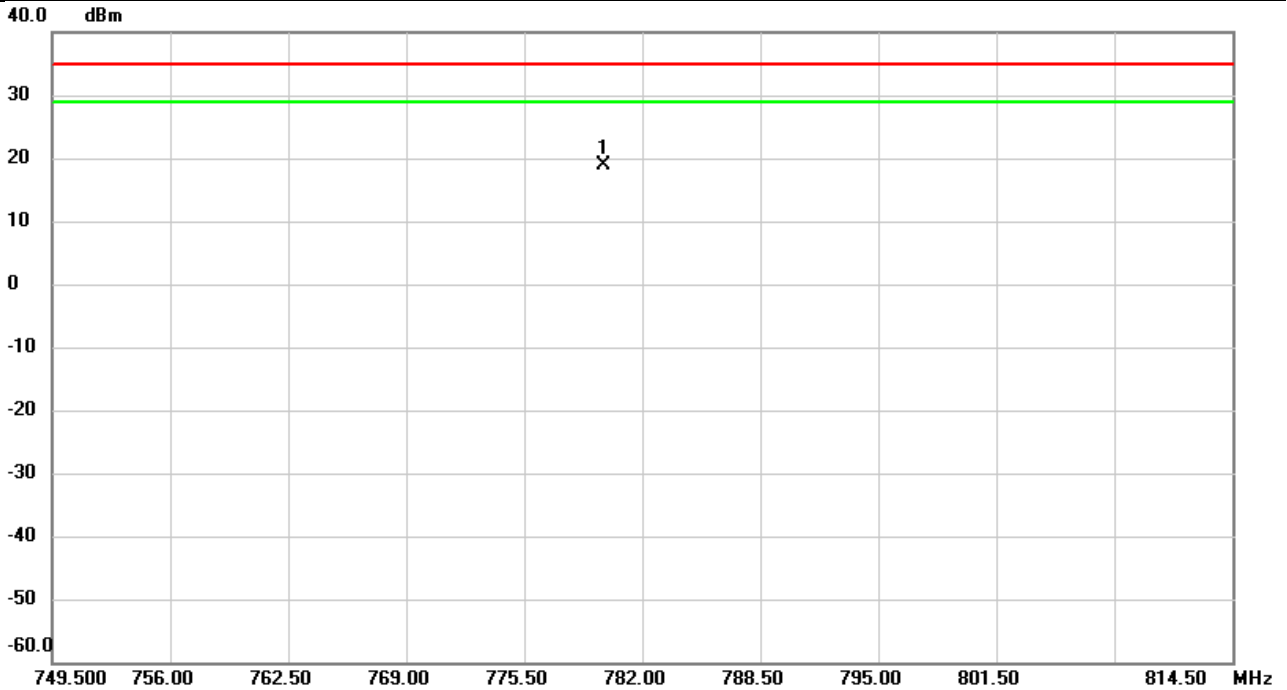


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	777.2918	15.58	9.95	25.53	34.77	-9.24	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23230	Polarization	Vertical
Temp	25°C	Hum.	60%

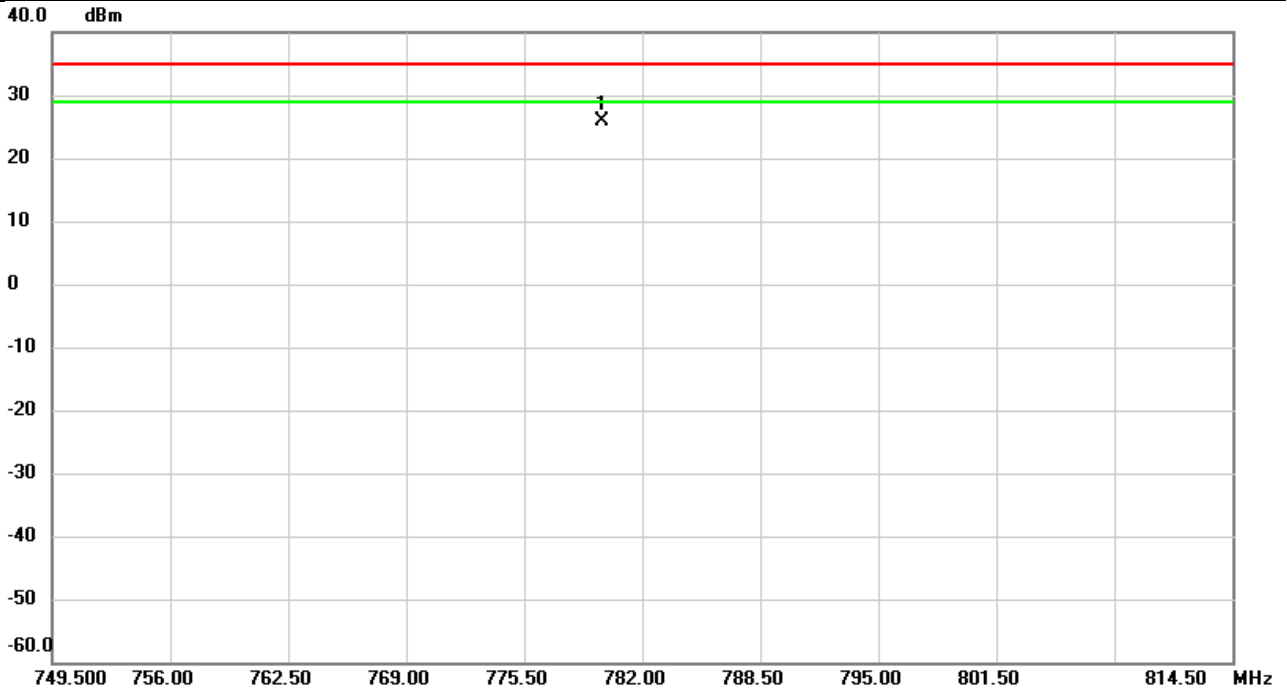


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	779.8832	9.27	9.72	18.99	34.77	-15.78	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23230	Polarization	Horizontal
Temp	25°C	Hum.	60%

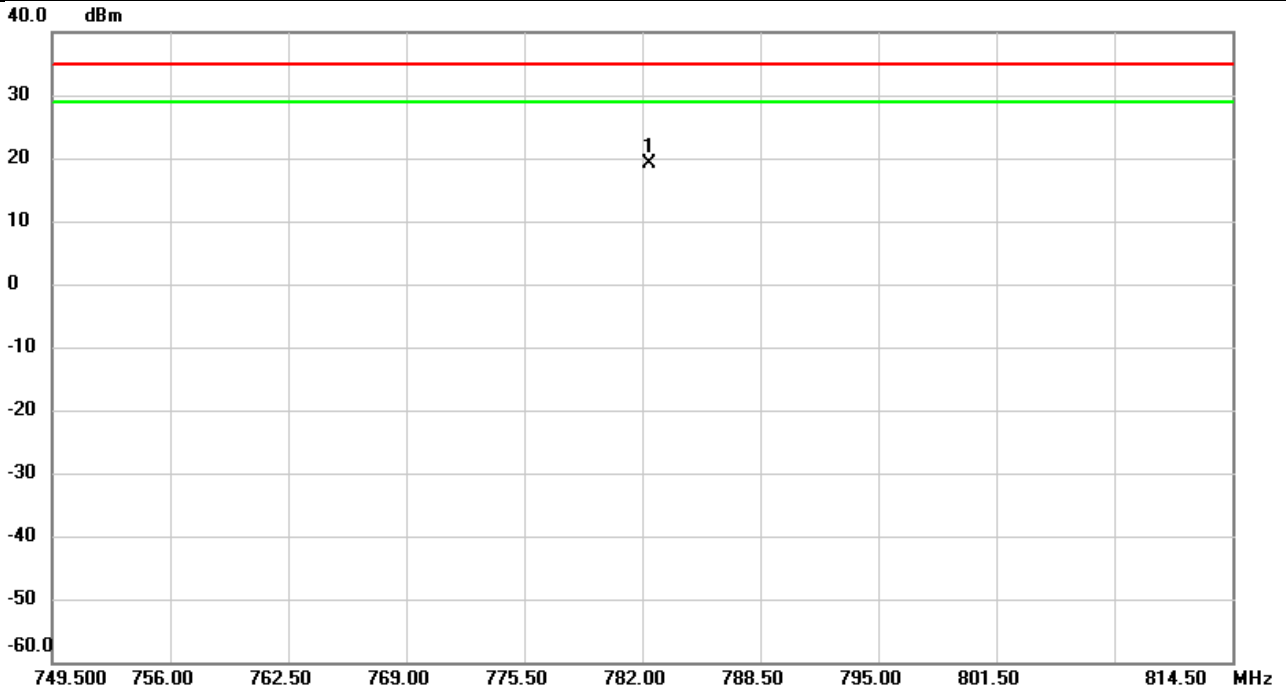


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	779.7987	15.76	10.01	25.77	34.77	-9.00	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23255	Polarization	Vertical
Temp	25°C	Hum.	60%

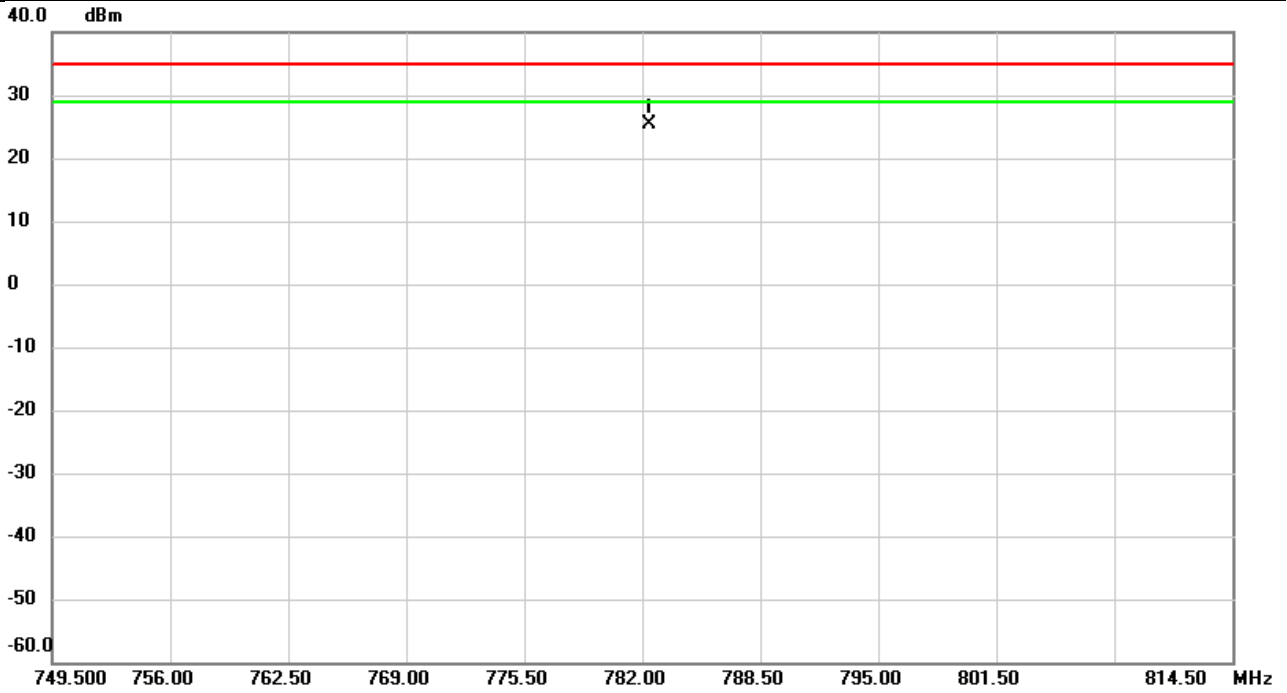


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	782.3662	9.53	9.71	19.24	34.77	-15.53	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/30
Test Channel	CH23255	Polarization	Horizontal
Temp	25°C	Hum.	60%

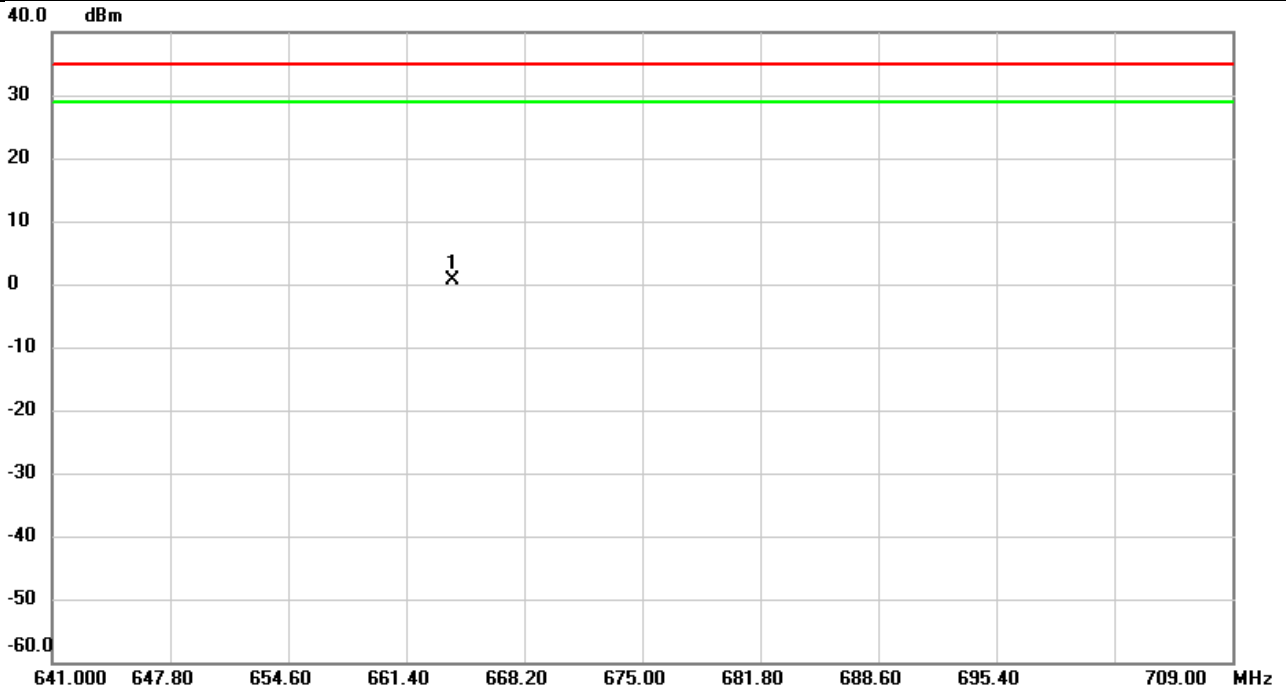


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	782.3922	15.41	10.08	25.49	34.77	-9.28	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133222	Polarization	Vertical
Temp	26°C	Hum.	60%

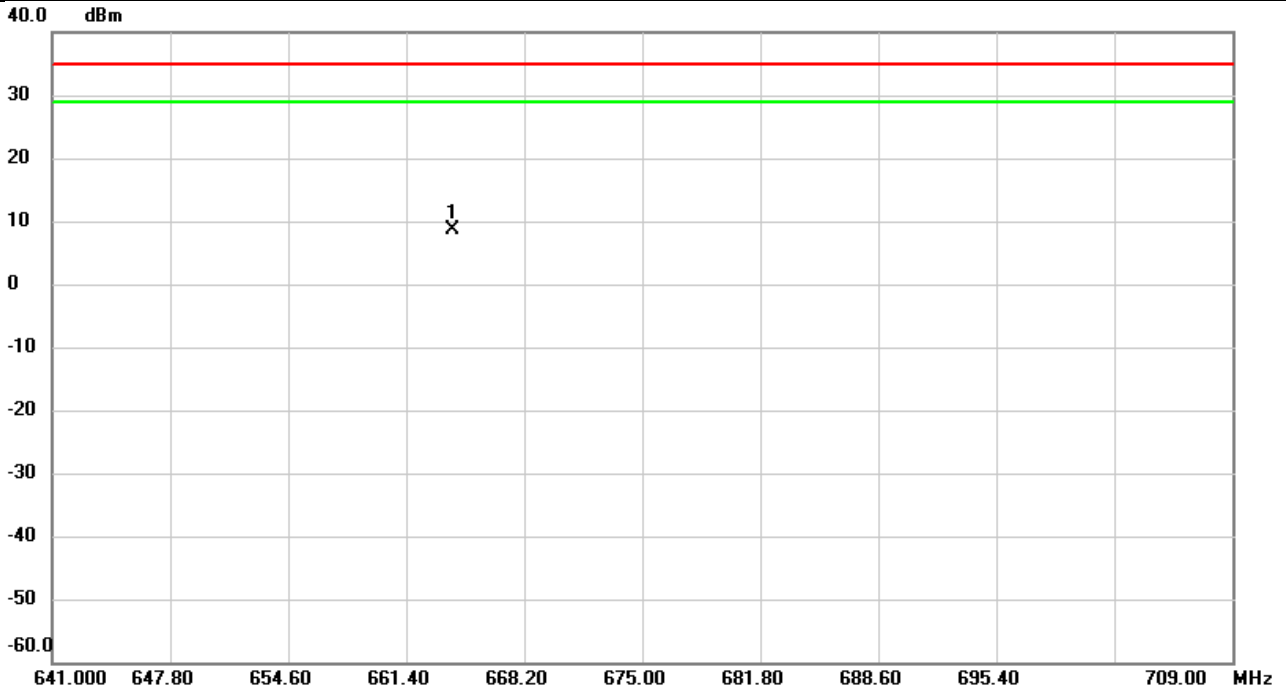


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	664.1041	0.73	0.00	0.73	34.77	-34.04	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133222	Polarization	Horizontal
Temp	26°C	Hum.	60%

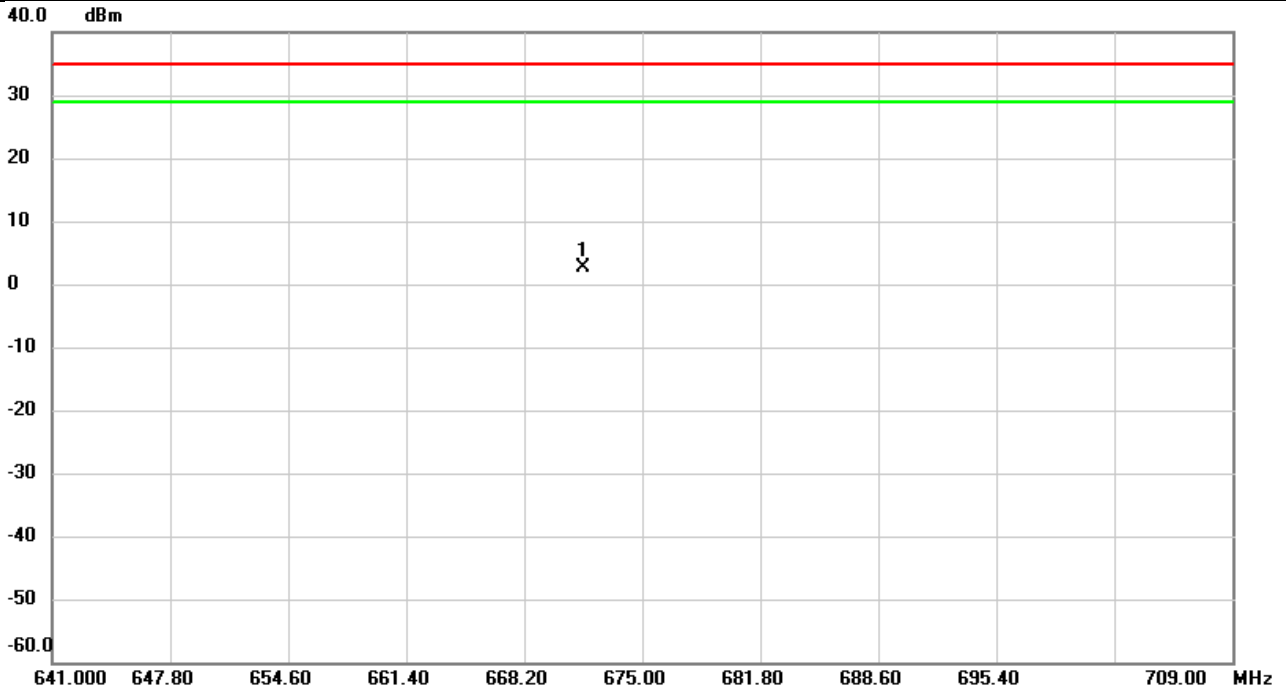


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	664.0973	8.59	0.00	8.59	34.77	-26.18	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133297	Polarization	Vertical
Temp	26°C	Hum.	60%

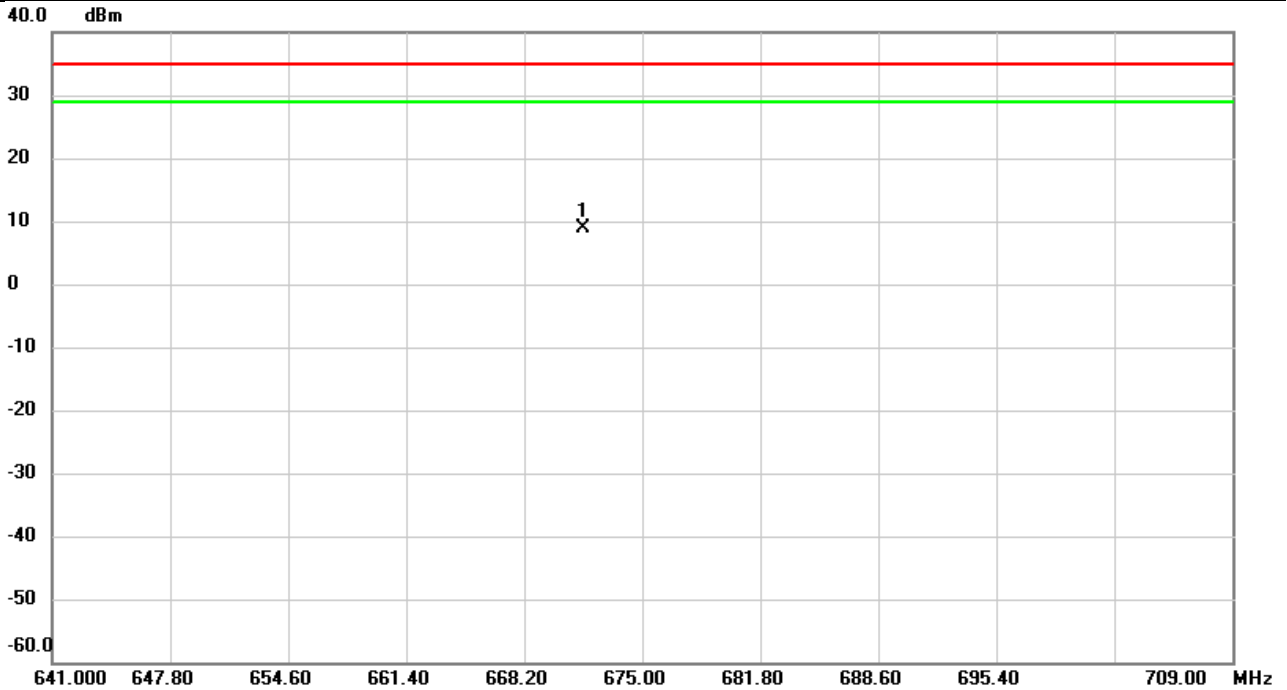


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	671.5910	2.75	0.00	2.75	34.77	-32.02	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133297	Polarization	Horizontal
Temp	26°C	Hum.	60%

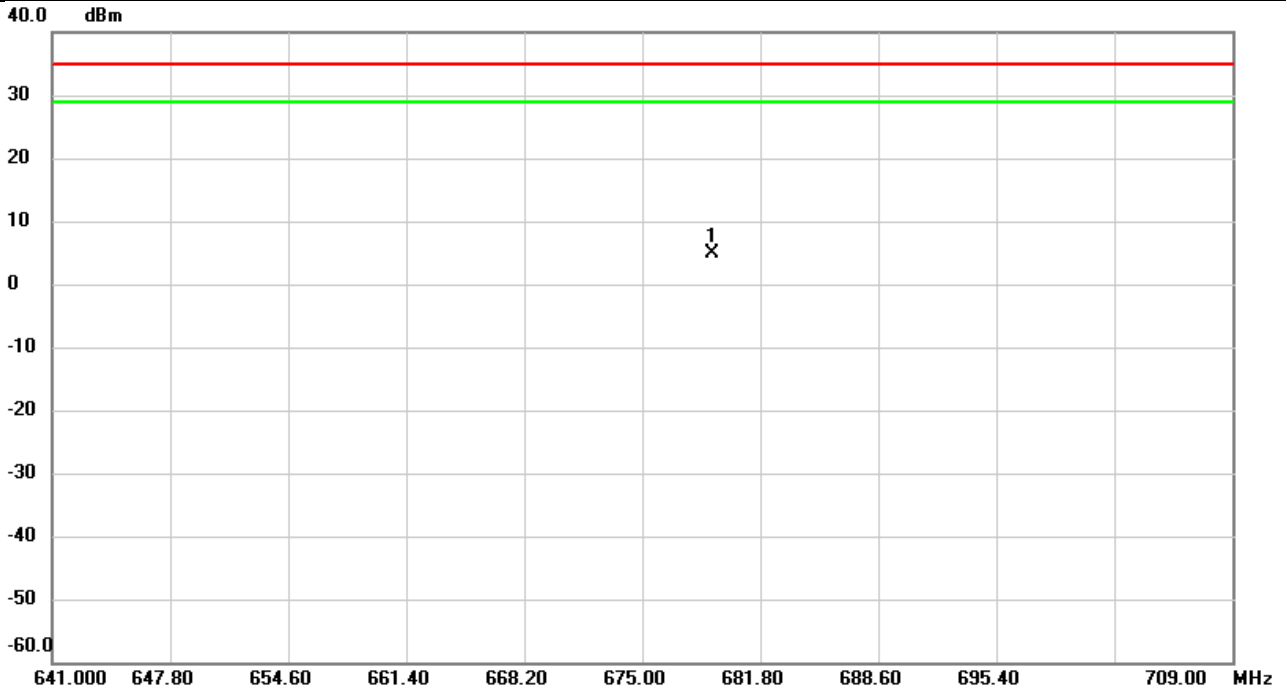


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	671.6226	8.85	0.00	8.85	34.77	-25.92	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133372	Polarization	Vertical
Temp	26°C	Hum.	60%

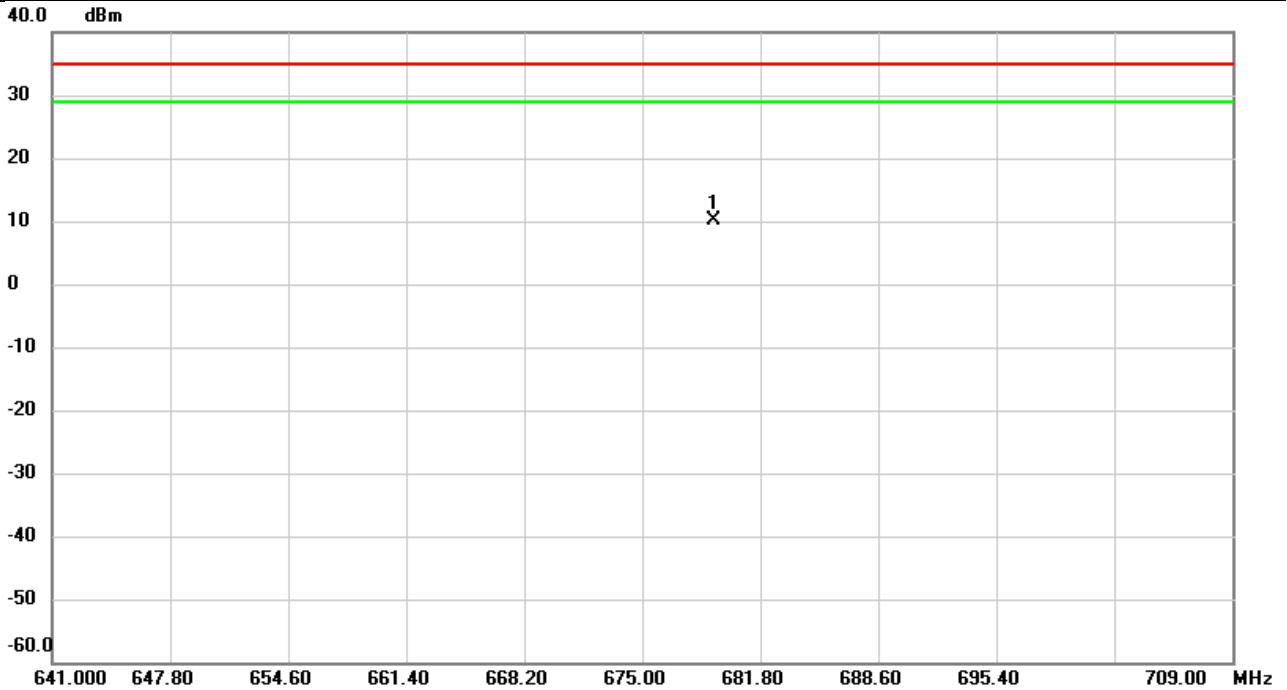


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	679.0437	4.83	0.00	4.83	34.77	-29.94	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133372	Polarization	Horizontal
Temp	26°C	Hum.	60%



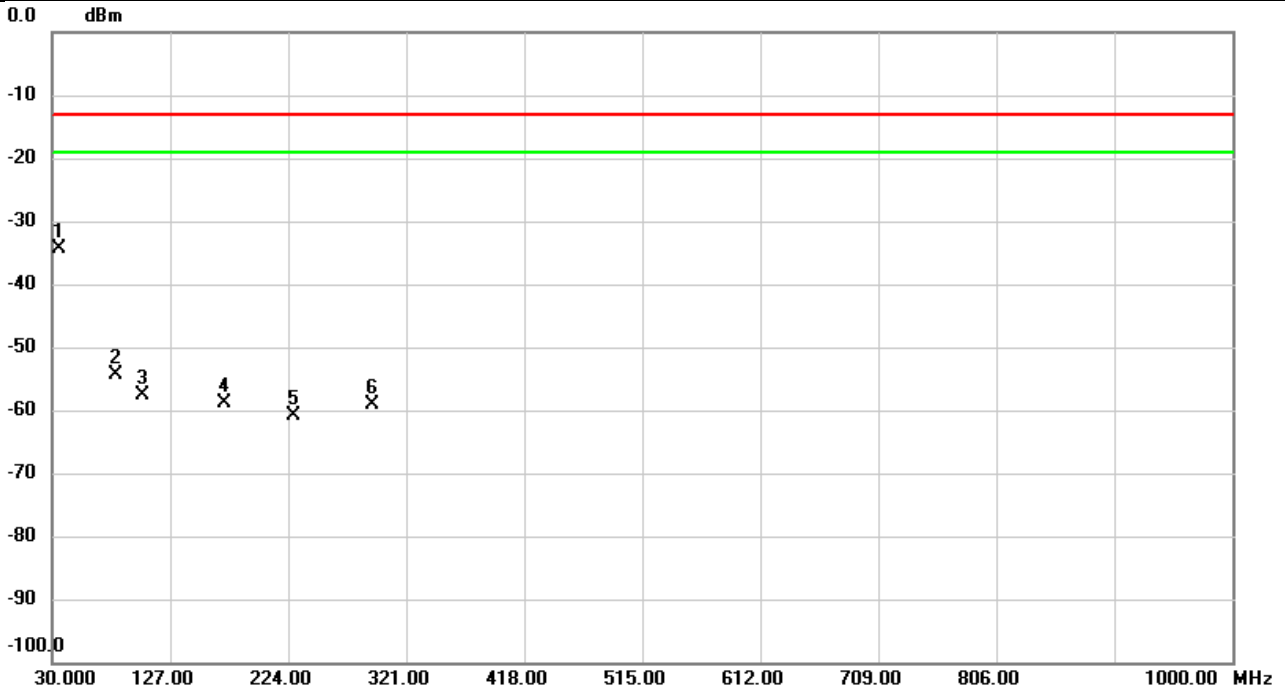
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	679.1276	10.09	0.00	10.09	34.77	-24.68	peak	

REMARKS:

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

APPENDIX C RADIATED SPURIOUS EMISSIONS

Test Mode	LTE Band 4	Test Date	2022/8/30
Test Channel	CH20175	Polarization	Vertical
Temp	25°C	Hum.	60%

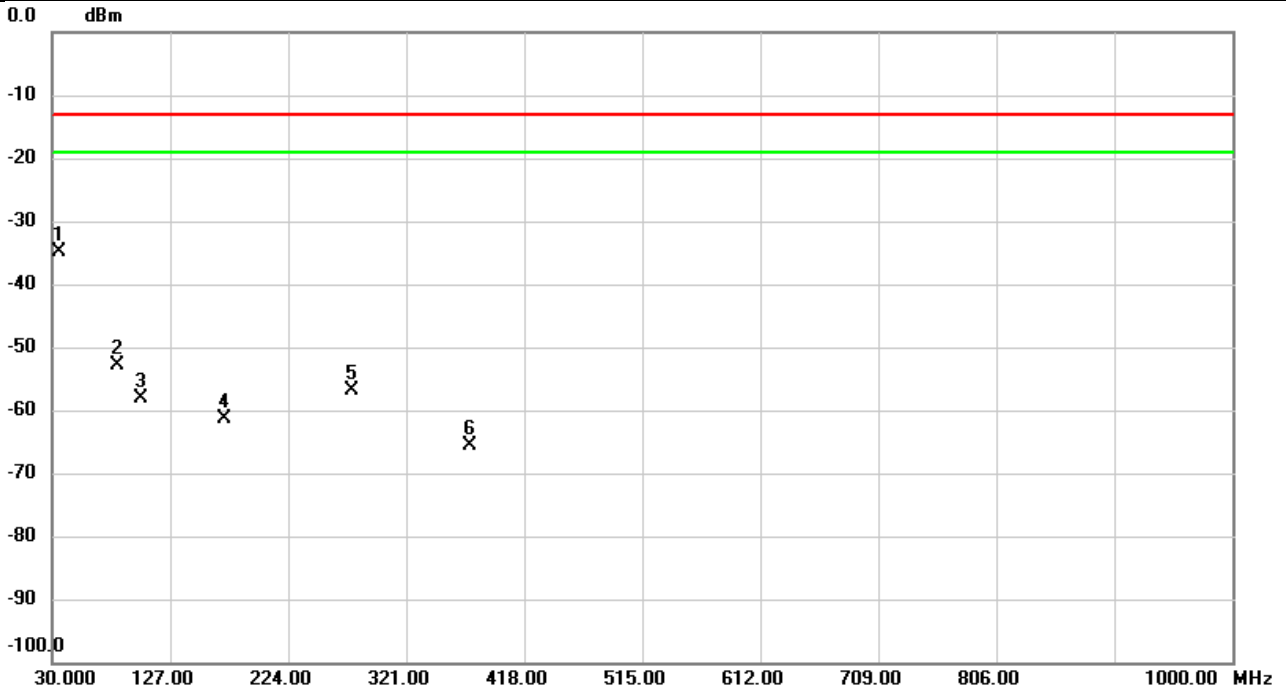


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	36.2403	-56.83	22.52	-34.31	-13.00	-21.31	peak	
2		82.8327	-71.71	17.23	-54.48	-13.00	-41.48	peak	
3		104.9163	-73.47	15.80	-57.67	-13.00	-44.67	peak	
4		171.3290	-75.27	16.43	-58.84	-13.00	-45.84	peak	
5		228.9793	-73.54	12.77	-60.77	-13.00	-47.77	peak	
6		292.8052	-68.71	9.71	-59.00	-13.00	-46.00	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/30
Test Channel	CH20175	Polarization	Horizontal
Temp	25°C	Hum.	60%

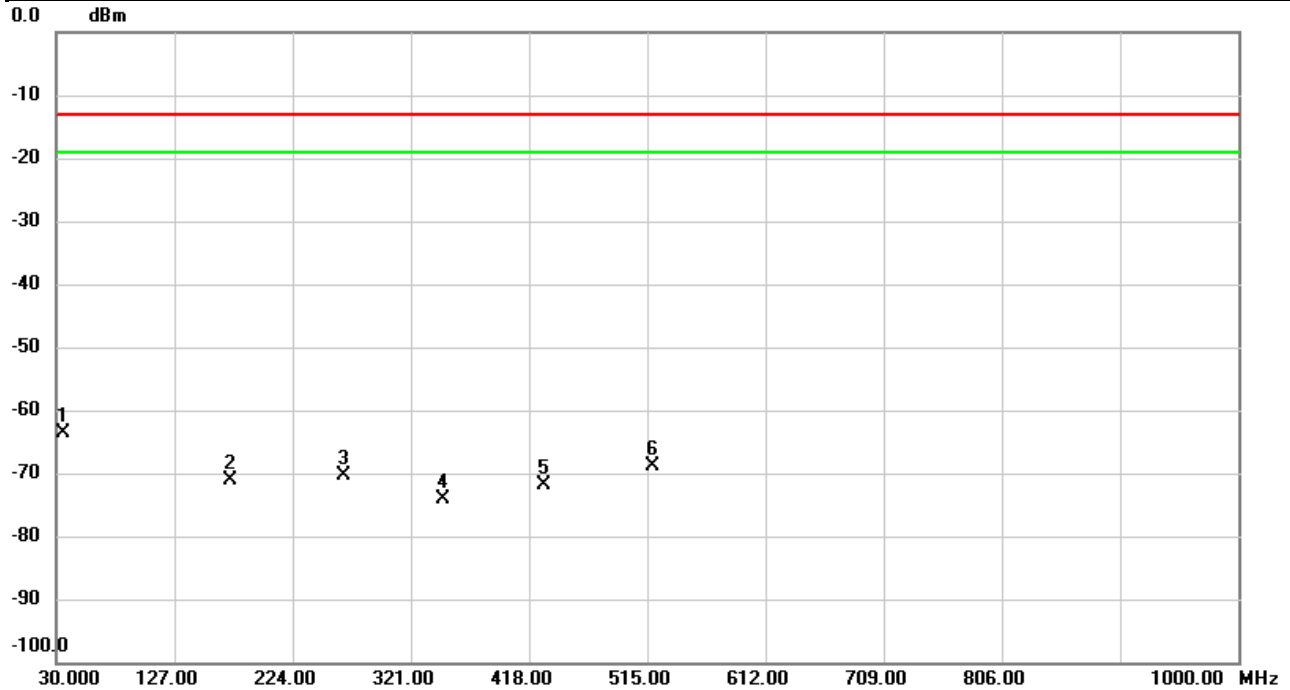


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	36.1756	-67.97	33.12	-34.85	-13.00	-21.85	peak	
2		83.1883	-69.02	16.13	-52.89	-13.00	-39.89	peak	
3		102.6853	-72.18	14.02	-58.16	-13.00	-45.16	peak	
4		171.5877	-74.19	12.75	-61.44	-13.00	-48.44	peak	
5		276.0242	-63.62	6.72	-56.90	-13.00	-43.90	peak	
6		373.8972	-74.36	8.66	-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 12	Test Date	2022/9/1
Test Channel	CH23095	Polarization	Vertical
Temp	26°C	Hum.	60%

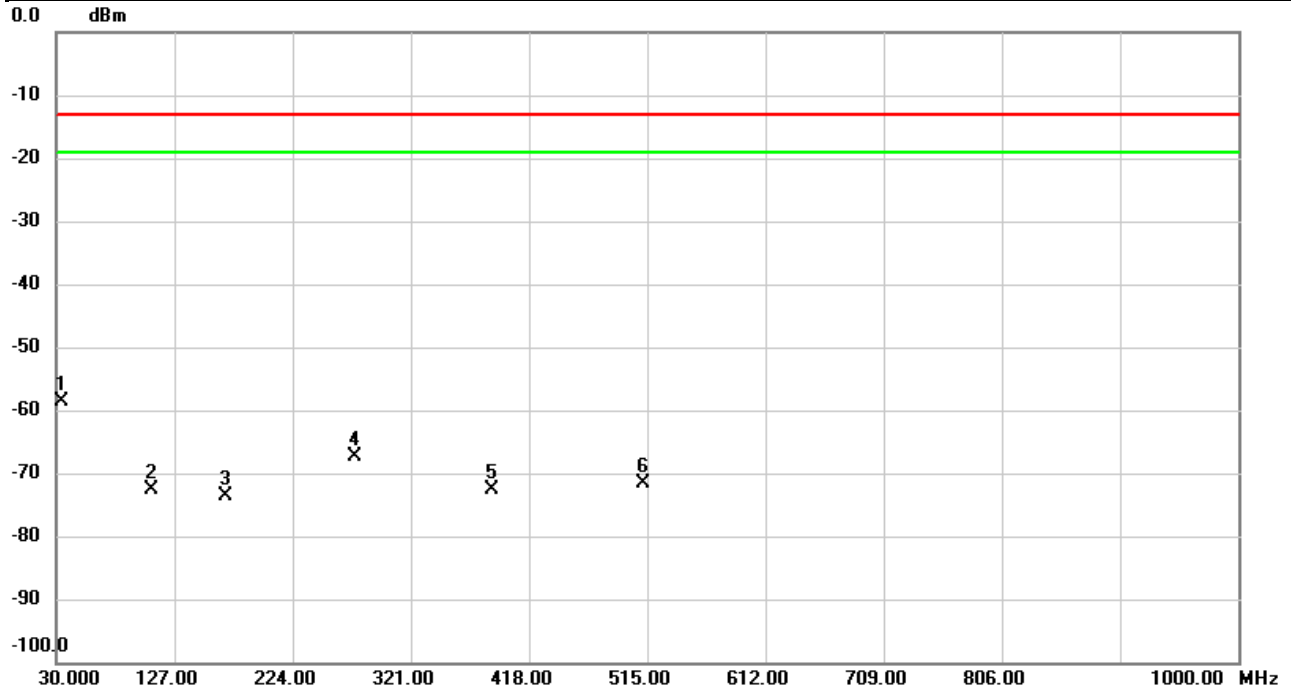


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	36.0787	-88.23	24.64	-63.59	-13.00	-50.59	peak	
2		173.5277	-89.12	18.09	-71.03	-13.00	-58.03	peak	
3		266.3890	-83.73	13.36	-70.37	-13.00	-57.37	peak	
4		347.7073	-85.13	11.05	-74.08	-13.00	-61.08	peak	
5		430.8363	-82.43	10.57	-71.86	-13.00	-58.86	peak	
6		519.9470	-80.21	11.46	-68.75	-13.00	-55.75	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/9/1
Test Channel	CH23095	Polarization	Horizontal
Temp	26°C	Hum.	60%

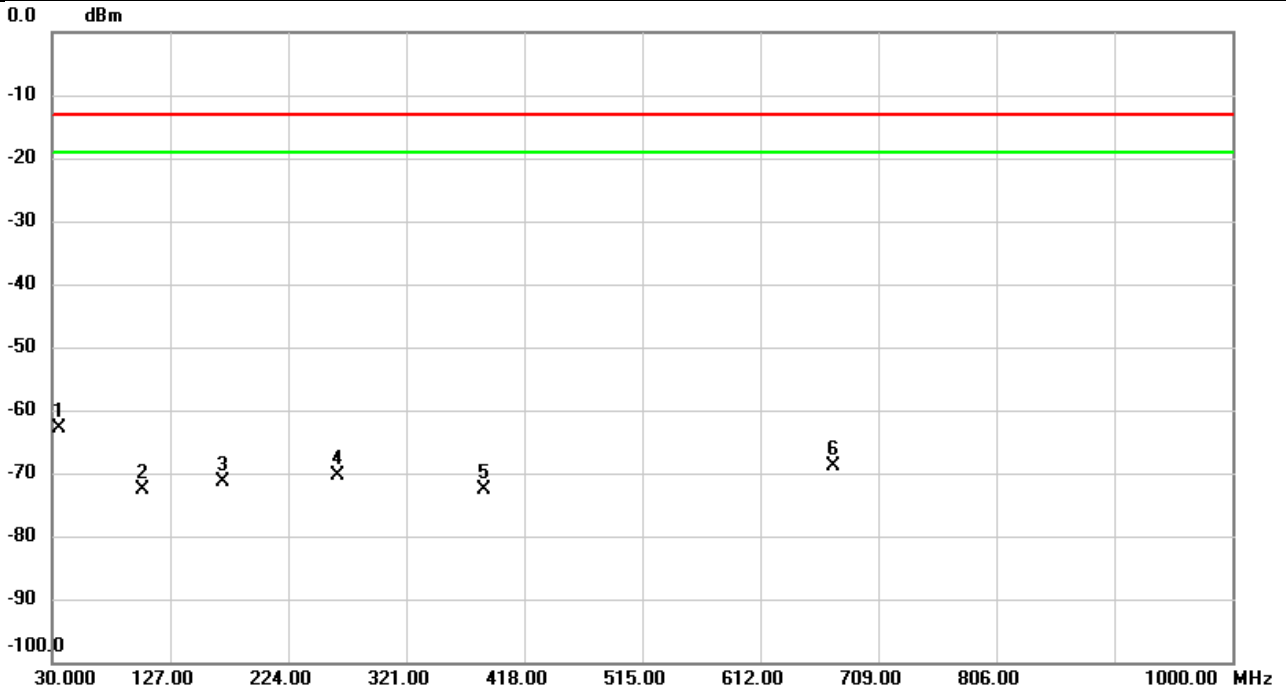


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	33.9770	-93.66	34.94	-58.72	-13.00	-45.72	peak	
2		108.5377	-87.51	14.90	-72.61	-13.00	-59.61	peak	
3		168.7423	-88.73	15.20	-73.53	-13.00	-60.53	peak	
4		275.4100	-76.19	8.88	-67.31	-13.00	-54.31	peak	
5		387.7037	-83.31	10.66	-72.65	-13.00	-59.65	peak	
6		511.7990	-81.11	9.46	-71.65	-13.00	-58.65	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/9/1
Test Channel	CH23230	Polarization	Vertical
Temp	26°C	Hum.	60%

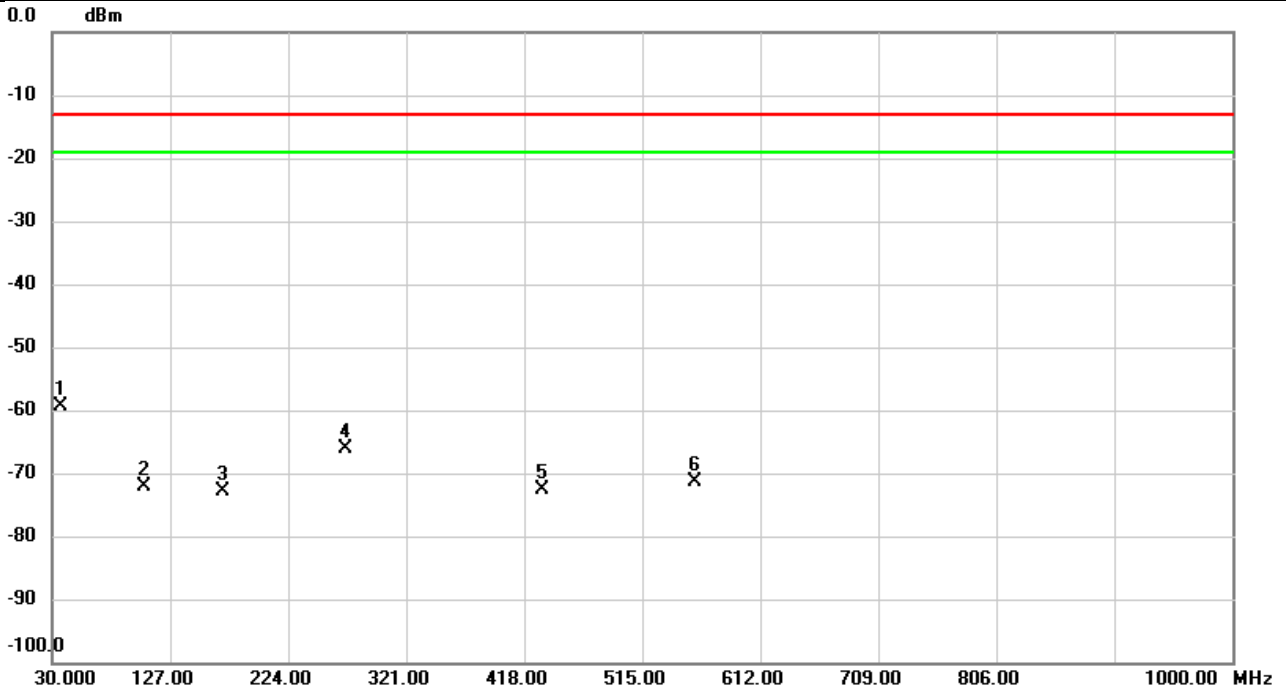


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	36.3373	-87.59	24.69	-62.90	-13.00	-49.90	peak	
2		103.8170	-90.72	18.20	-72.52	-13.00	-59.52	peak	
3		170.2943	-90.13	18.81	-71.32	-13.00	-58.32	peak	
4		265.1603	-83.79	13.43	-70.36	-13.00	-57.36	peak	
5		385.2140	-83.44	10.81	-72.63	-13.00	-59.63	peak	
6		671.8812	-81.28	12.33	-68.95	-13.00	-55.95	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/9/1
Test Channel	CH23230	Polarization	Horizontal
Temp	26°C	Hum.	60%

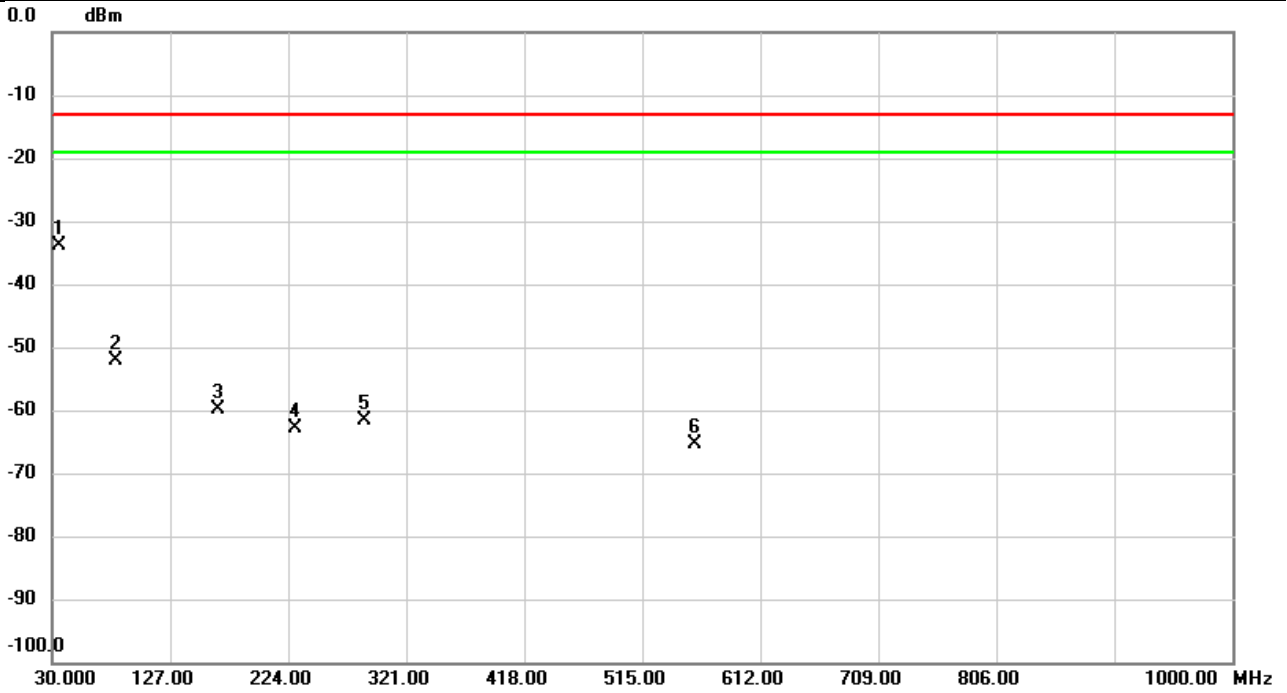


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	36.7900	-94.74	35.37	-59.37	-13.00	-46.37	peak	
2		105.9833	-87.69	15.46	-72.23	-13.00	-59.23	peak	
3		170.7470	-88.09	15.11	-72.98	-13.00	-59.98	peak	
4		270.6247	-75.14	8.96	-66.18	-13.00	-53.18	peak	
5		432.8733	-82.71	10.11	-72.60	-13.00	-59.60	peak	
6		558.2297	-80.94	9.67	-71.27	-13.00	-58.27	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/8/30
Test Channel	CH132322	Polarization	Vertical
Temp	25°C	Hum.	60%

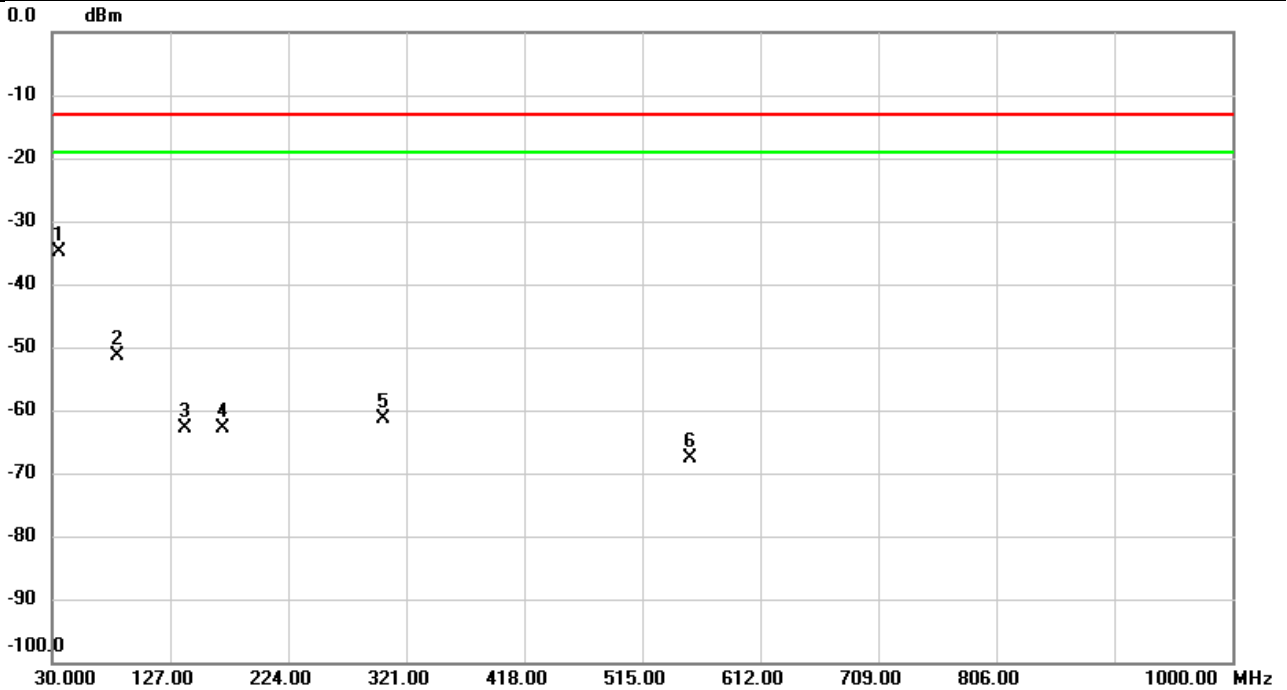


No.	Mk.	Freq. (MHz)	Reading Level (dBm)	Correct Factor (dB)	Measurement (dBm)	Limit (dBm)	Over (dB)	Detector	Comment
1	*	35.8522	-56.36	22.44	-33.92	-13.00	-20.92	peak	
2		82.0567	-69.38	17.21	-52.17	-13.00	-39.17	peak	
3		166.8347	-76.27	16.47	-59.80	-13.00	-46.80	peak	
4		229.5613	-75.83	12.90	-62.93	-13.00	-49.93	peak	
5		286.5973	-71.78	10.06	-61.72	-13.00	-48.72	peak	
6		558.7793	-75.90	10.52	-65.38	-13.00	-52.38	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/8/30
Test Channel	CH132322	Polarization	Horizontal
Temp	25°C	Hum.	60%

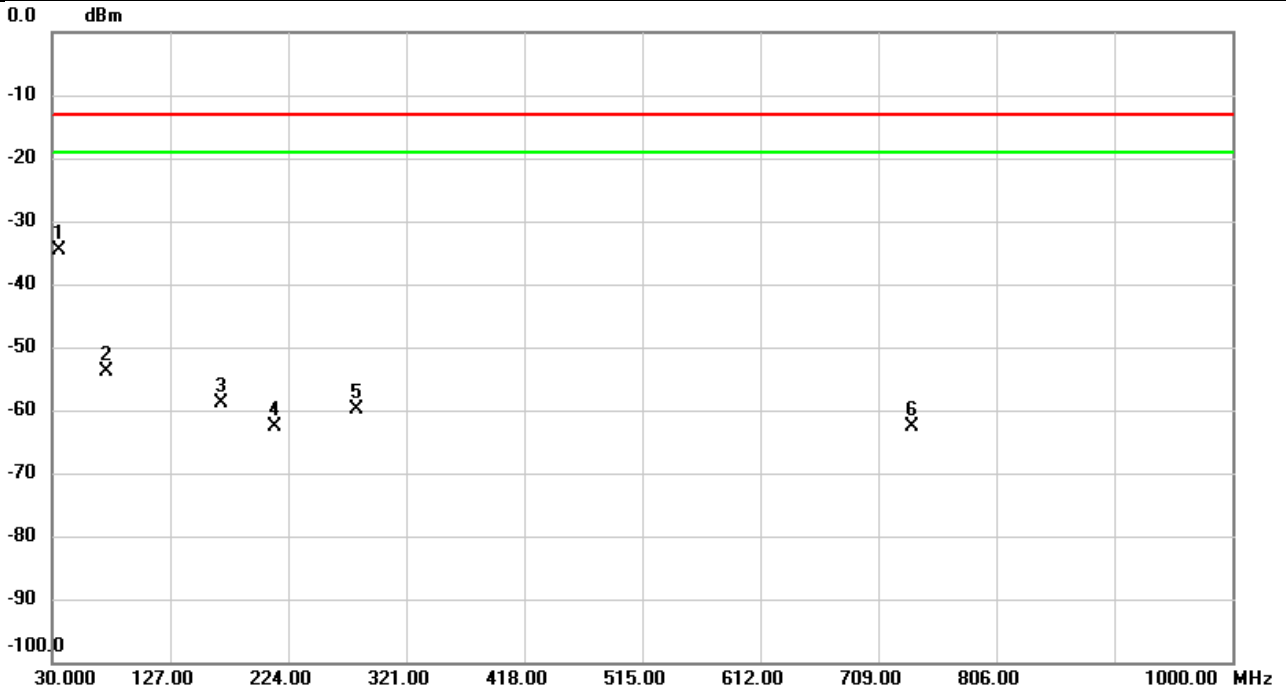


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	35.9817	-68.07	33.09	-34.98	-13.00	-21.98	peak	
2		83.3500	-67.38	16.10	-51.28	-13.00	-38.28	peak	
3		139.5453	-76.75	13.99	-62.76	-13.00	-49.76	peak	
4		170.0357	-75.92	13.13	-62.79	-13.00	-49.79	peak	
5		301.8263	-67.78	6.45	-61.33	-13.00	-48.33	peak	
6		554.1557	-75.12	7.52	-67.60	-13.00	-54.60	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/8/30
Test Channel	CH133297	Polarization	Vertical
Temp	25°C	Hum.	60%

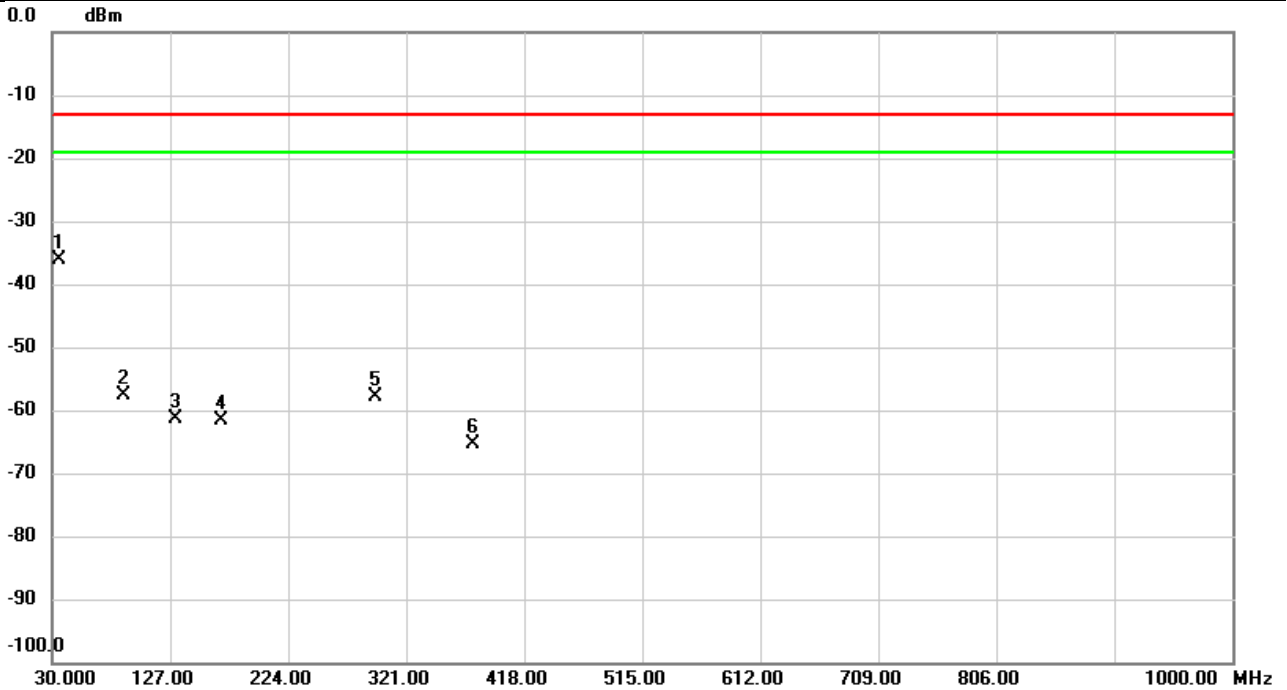


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	35.9817	-57.14	22.47	-34.67	-13.00	-21.67	peak	
2		75.0727	-70.83	16.84	-53.99	-13.00	-40.99	peak	
3		169.5507	-75.67	16.68	-58.99	-13.00	-45.99	peak	
4		213.6210	-74.20	11.56	-62.64	-13.00	-49.64	peak	
5		279.6457	-70.43	10.46	-59.97	-13.00	-46.97	peak	
6		736.8713	-72.74	10.03	-62.71	-13.00	-49.71	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/8/30
Test Channel	CH133297	Polarization	Horizontal
Temp	25°C	Hum.	60%

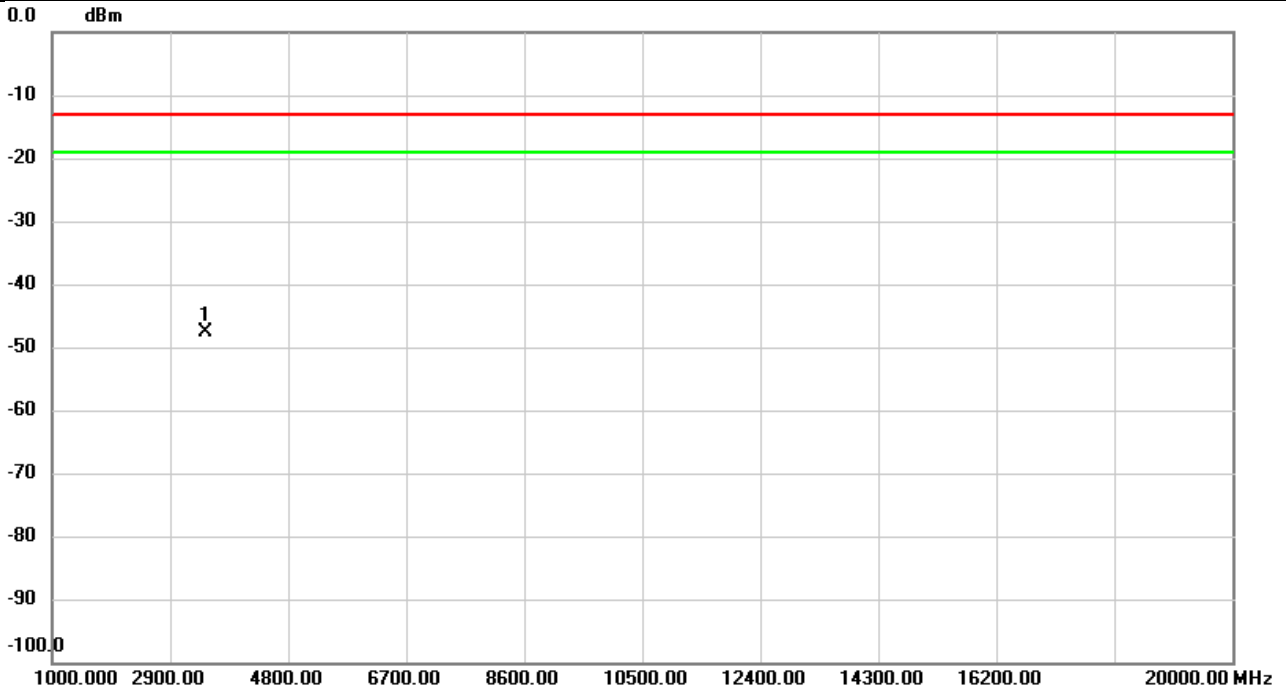


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	35.9493	-69.18	33.09	-36.09	-13.00	-23.09	peak	
2		88.9113	-72.95	15.33	-57.62	-13.00	-44.62	peak	
3		131.4620	-75.62	14.31	-61.31	-13.00	-48.31	peak	
4		168.5806	-74.77	13.04	-61.73	-13.00	-48.73	peak	
5		295.1980	-64.36	6.43	-57.93	-13.00	-44.93	peak	
6		375.5463	-73.93	8.64	-65.29	-13.00	-52.29	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20175	Polarization	Vertical
Temp	26°C	Hum.	60%

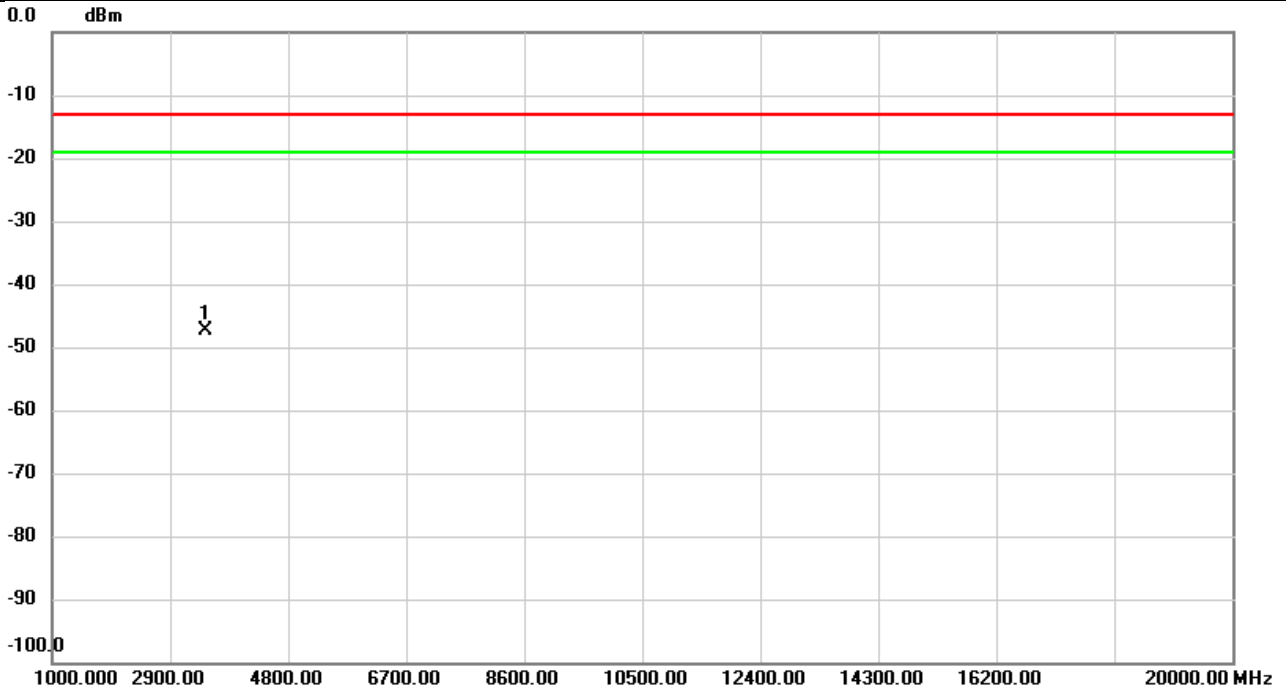


No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	3465.000	-56.49	8.95	-47.54	-13.00	-34.54	peak	

REMARKS:

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

Test Mode	LTE Band 4	Test Date	2022/8/31
Test Channel	CH20175	Polarization	Horizontal
Temp	26°C	Hum.	60%

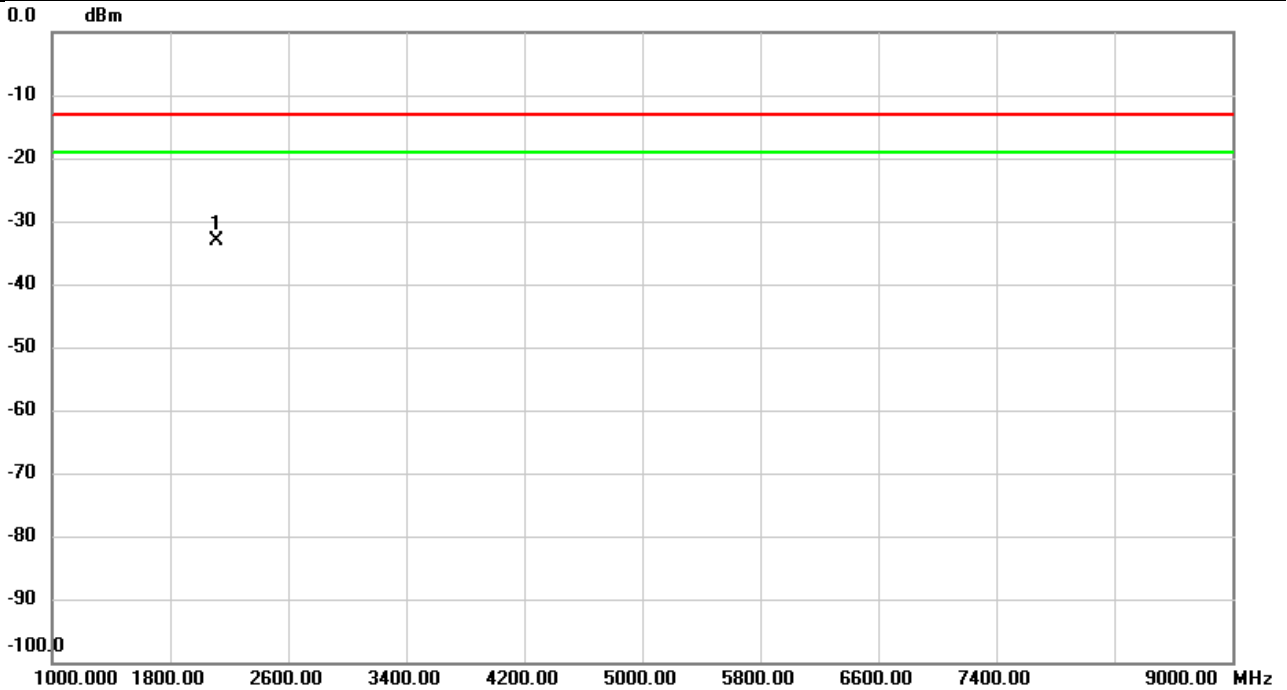


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3465.000	-56.38	9.08	-47.30	-13.00	-34.30	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/31
Test Channel	CH23095	Polarization	Vertical
Temp	26°C	Hum.	60%

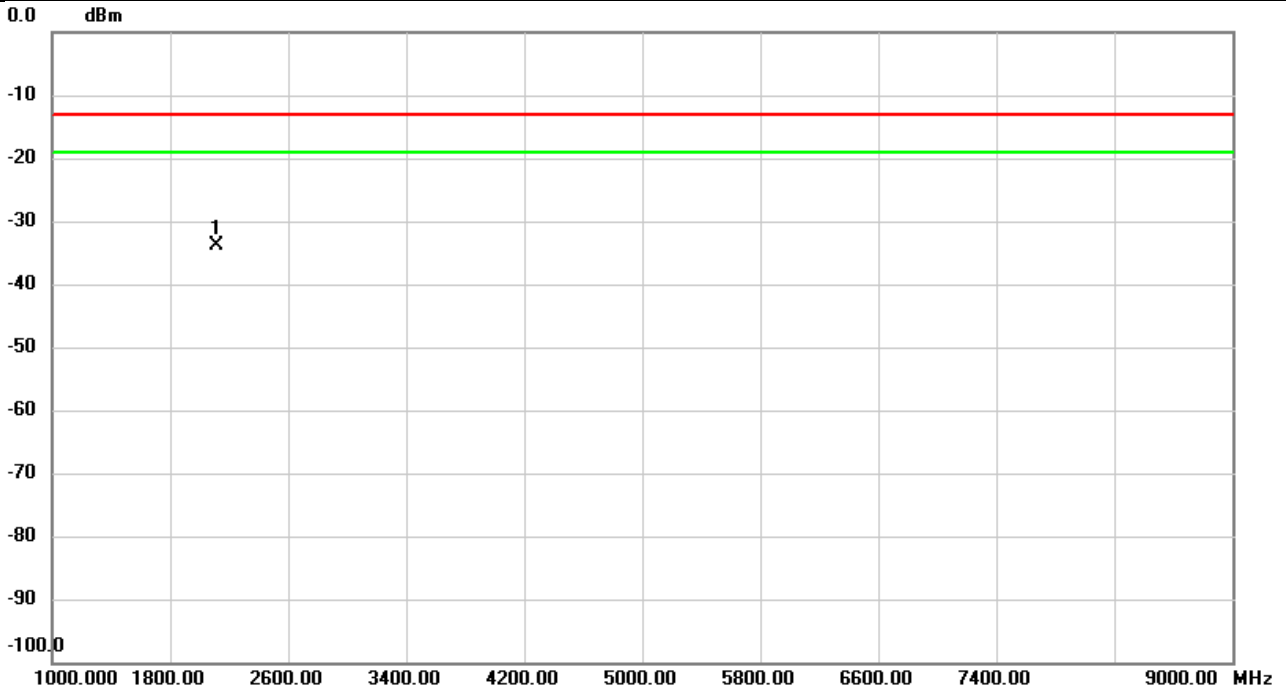


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2110.800	-39.01	5.93	-33.08	-13.00	-20.08	peak	

REMARKS:

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

Test Mode	LTE Band 12	Test Date	2022/8/31
Test Channel	CH23095	Polarization	Horizontal
Temp	26°C	Hum.	60%

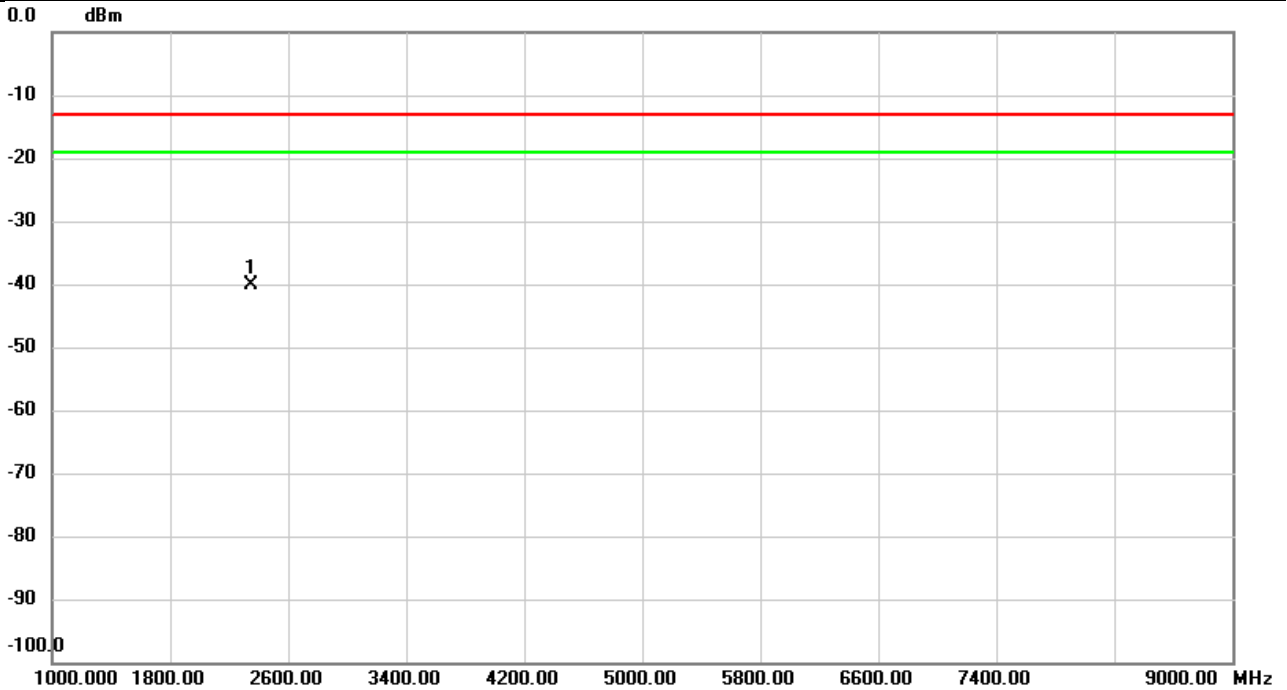


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2110.267	-39.87	6.00	-33.87	-13.00	-20.87	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/31
Test Channel	CH23230	Polarization	Vertical
Temp	26°C	Hum.	60%

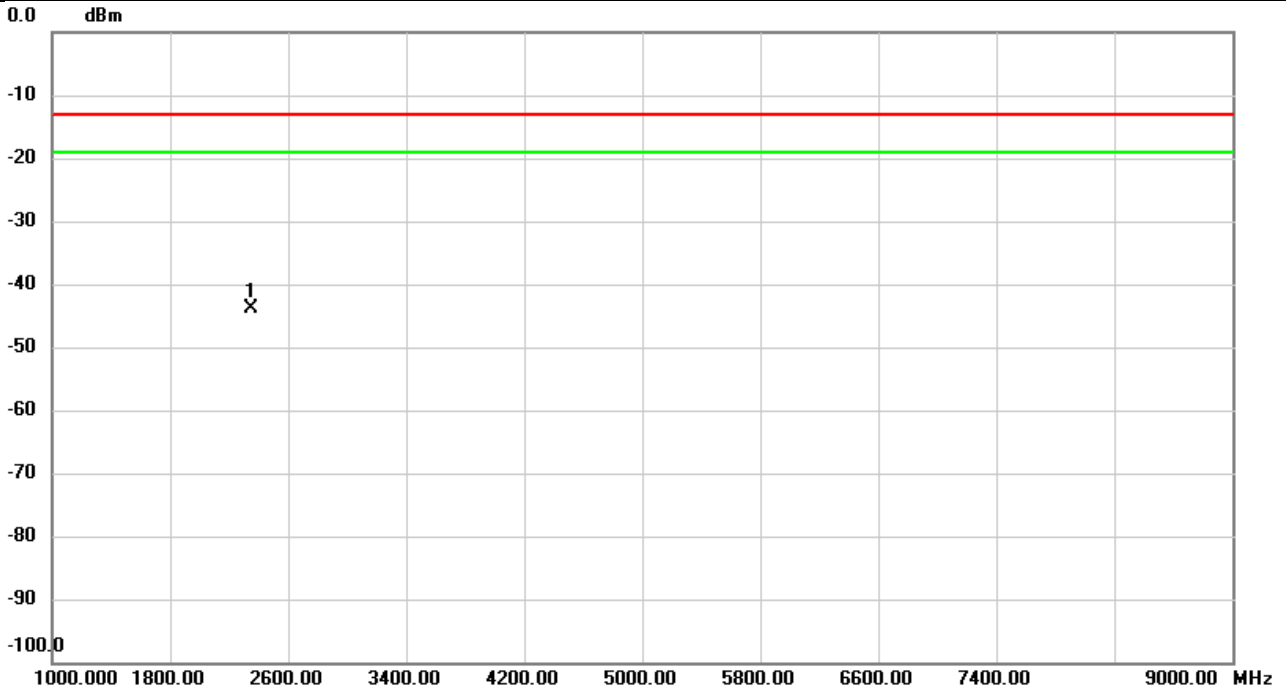


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2348.000	-46.83	6.78	-40.05	-13.00	-27.05	peak	

REMARKS:

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

Test Mode	LTE Band 13	Test Date	2022/8/31
Test Channel	CH23230	Polarization	Horizontal
Temp	26°C	Hum.	60%

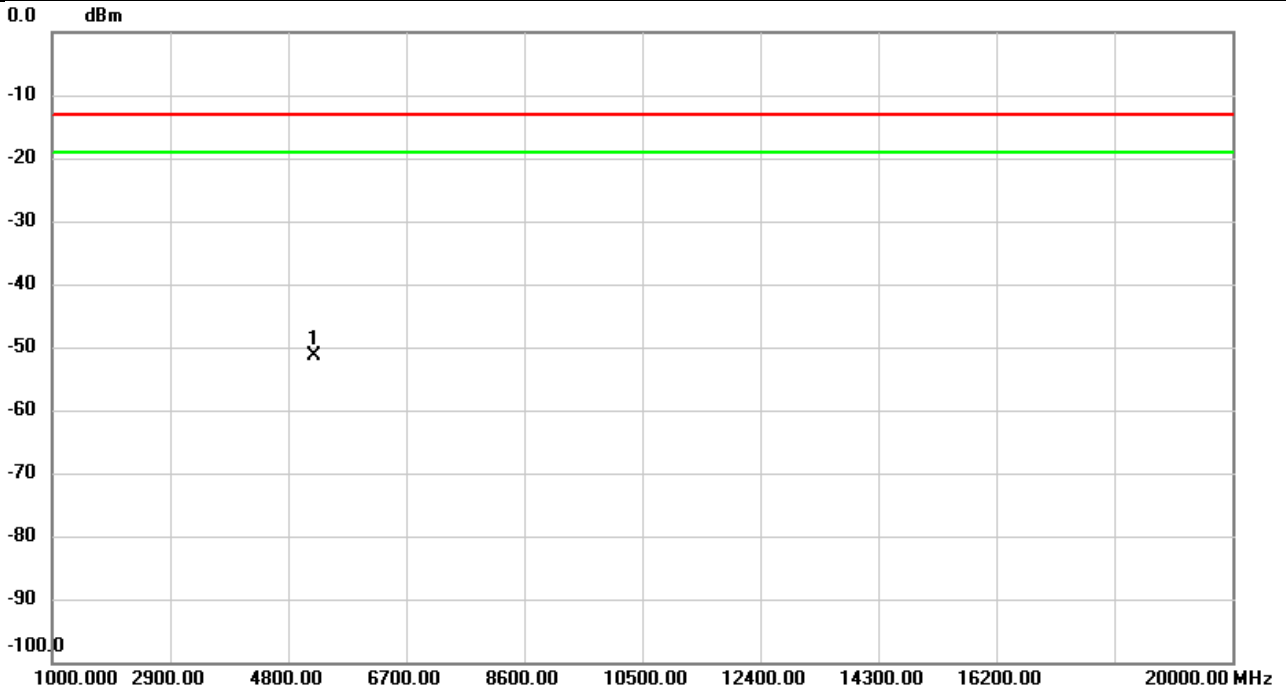


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2349.867	-50.48	6.51	-43.97	-13.00	-30.97	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132322	Polarization	Vertical
Temp	26°C	Hum.	60%

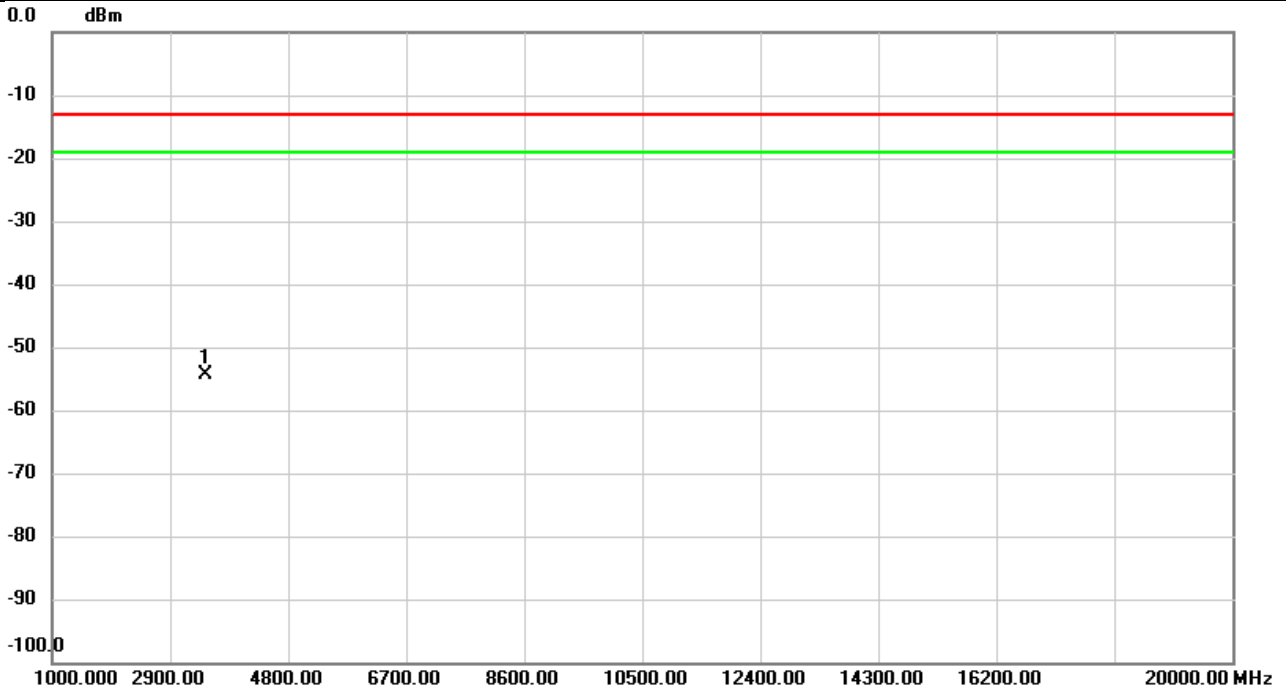


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	5208.500	-64.03	12.62	-51.41	-13.00	-38.41	peak	

REMARKS:

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

Test Mode	LTE Band 66	Test Date	2022/9/1
Test Channel	CH132322	Polarization	Horizontal
Temp	26°C	Hum.	60%

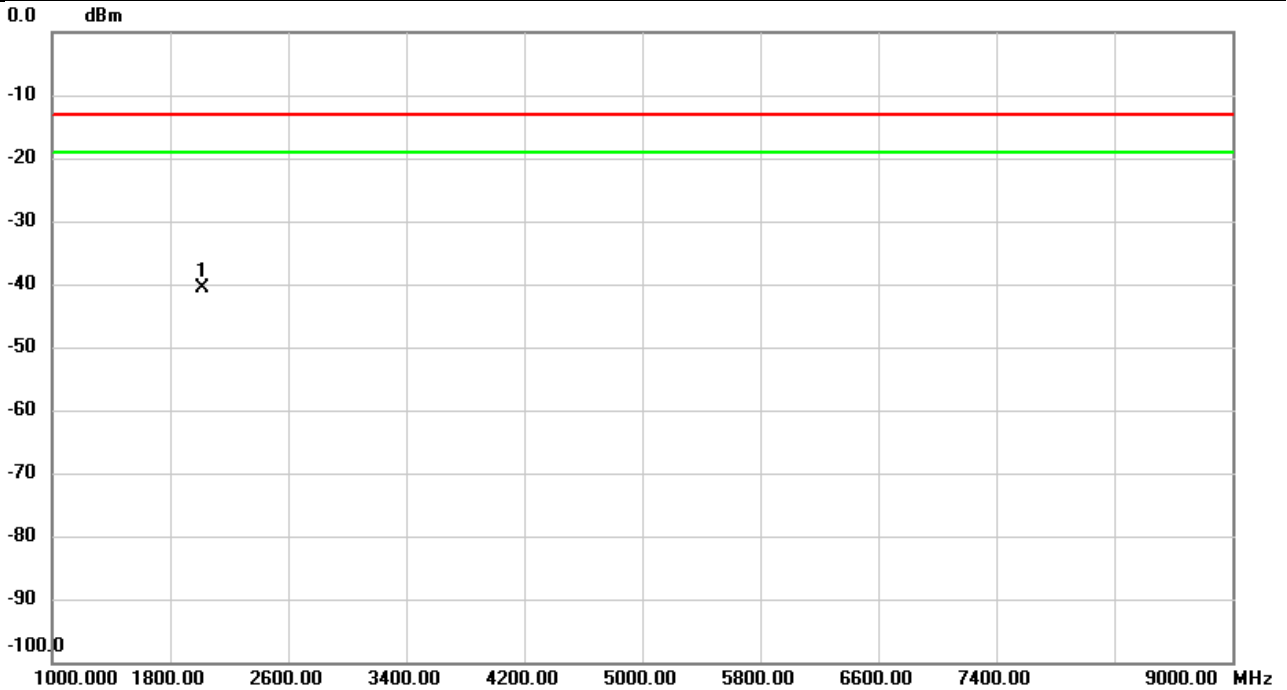


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	3471.900	-63.40	9.04	-54.36	-13.00	-41.36	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133297	Polarization	Vertical
Temp	26°C	Hum.	60%

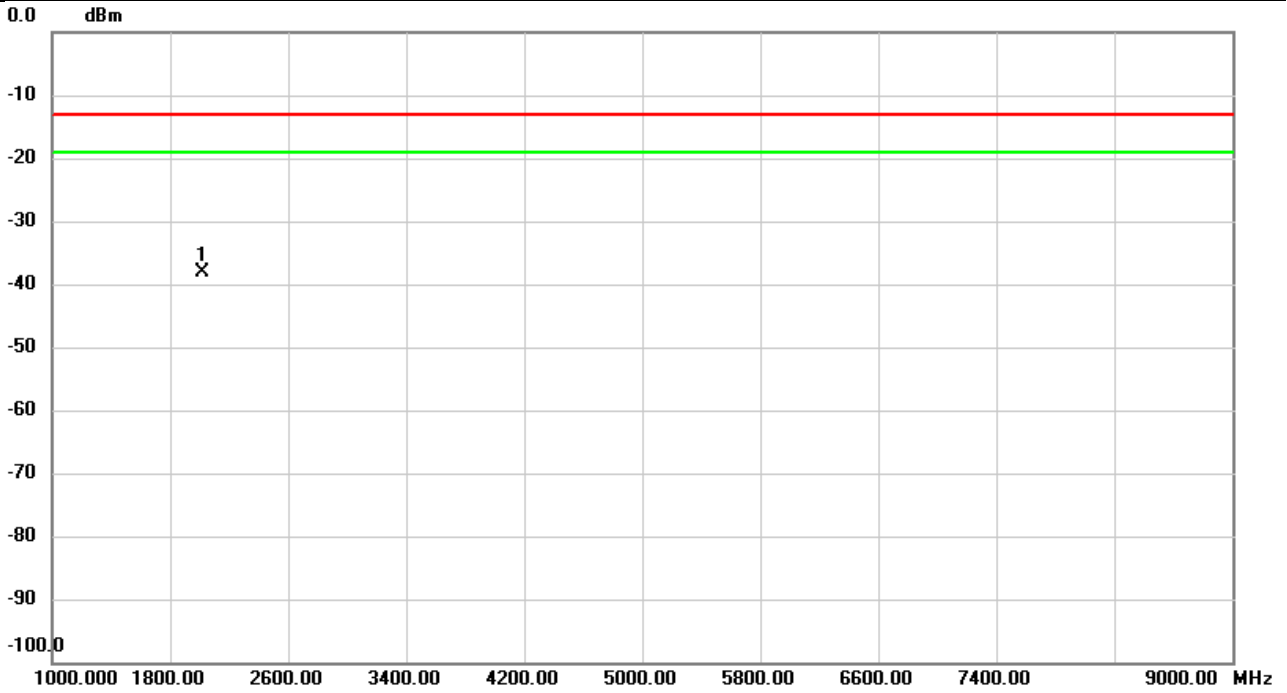


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2014.933	-46.06	5.32	-40.74	-13.00	-27.74	peak	

REMARKS:

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

Test Mode	LTE Band 71	Test Date	2022/9/1
Test Channel	CH133297	Polarization	Horizontal
Temp	26°C	Hum.	60%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	2014.933	-43.40	5.34	-38.06	-13.00	-25.06	peak	

REMARKS:

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

End of Test Report