

FCC Radio Test Report

FCC ID: 2AQ68W696S6

Report No. : BTL-FCCP-6-2512T053
Equipment : 5G WWAN Module
Model Name : T99W696
Brand Name : Foxconn
Applicant : Hon Lin Technology Co., Ltd
Address : 11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan R.O.C.

Radio Function : LTE

FCC Rule Part(s) : FCC CFR Title 47, Part 96

Date of Receipt : 2025/12/11
Date of Test : 2026/1/16 ~ 2026/3/13
 2026/5/13 ~ 2026/5/14
Issued Date : 2026/5/28

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

Prepared by : Brett Shen
Brett Shen, Engineer

Approved by : Jerry Chuang
Jerry Chuang, Vice Manager



BTL Inc.

No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan

Tel: +886-2-2657-3299 Fax: +886-2-2657-3331 Web: www.newbtl.com Service mail: btl_qa@newbtl.com



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** assumes no responsibility for the data provided by the Customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by **BTL**.

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	REFERENCE TEST GUIDANCE	6
1.2	TEST FACILITY	6
1.3	MEASUREMENT UNCERTAINTY	6
1.4	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	10
3	EQUIVALENT ISOTROPIC RADIATED POWER MEASUREMENT	11
3.1	LIMIT	11
3.2	TEST PROCEDURE	11
3.3	DEVIATION FROM TEST STANDARD	11
3.4	TEST SETUP	11
3.5	EUT OPERATING CONDITIONS	11
3.6	TEST RESULT	11
4	RADIATED SPURIOUS EMISSIONS MEASUREMENT	12
4.1	LIMIT	12
4.2	TEST PROCEDURE	12
4.3	DEVIATION FROM TEST STANDARD	12
4.4	TEST SETUP	13
4.5	EUT OPERATING CONDITIONS	13
4.6	TEST RESULT	13
5	LIST OF MEASURING EQUIPMENTS	14
6	EUT TEST PHOTO	15
7	EUT PHOTOS	15
APPENDIX A	EQUIVALENT ISOTROPIC RADIATED POWER	16
APPENDIX B	RADIATED SPURIOUS EMISSIONS	32

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-6-2512T053	R00	Original Report.	2026/3/31	Invalid
BTL-FCCP-6-2512T053	R01	Revised Typo.	2026/4/15	Invalid
BTL-FCCP-6-2512T053	R02	Revised report to address TCB's comments.	2026/5/15	Invalid
BTL-FCCP-6-2512T053	R03	Revised report to address TCB's comments.	2026/5/19	Invalid
BTL-FCCP-6-2512T053	R04	Revised report to address TCB's comments.	2026/5/28	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
2.1046 96.41	Equivalent Isotropic Radiated Power	APPENDIX A	Pass	-----
2.1051 96.41	Radiated Spurious Emissions	APPENDIX B	Pass	-----

Statement of Conformity

The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This test report is issued for the RF module (FCC ID: 2AQ68W696S6) to be incorporated to the host device (Model number: TP00174A, TP00174B), Product name: Notebook Computer).
Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report.
- (4) After spot check, this revision does not change original radio parameters.
- (5) The only difference between TP00174A and TP00174B is the CPU. All other specifications, test methods, test conditions, and equipment configurations applicable to the current project are identical between the two host models.
Full testing was performed on TP00174A, while spot-check testing was performed on TP00174B. LTE Band 30 and 5G NR Band 30 were identified as the worst-case configurations and were therefore selected for spot-check evaluation.
The corresponding spot-check test data are documented in test reports BTL-FCCP-3-2512T053 and BTL-FCCP-9-2512T053.

1.1 REFERENCE TEST GUIDANCE

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

1.2 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC RN: 674415) (FCC DN: TW0659)

☐ C05 ☒ SR10 ☐ SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC RN: 674415) (FCC DN: TW0659)

☐ C06 ☒ CB21 ☐ CB22

1.3 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**.

A. Radiated emissions test :

Test Site	Measurement Frequency Range (GHz)	U (dB)
CB21 (3m)	0.03~0.2	4.35
	0.2~1	4.78
	1 ~ 6	5.45
	6 ~ 18	5.04
	18 ~ 26	4.03
	26 ~ 40	4.33

NOTE:

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

1.4 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
Equivalent Isotropic Radiated Power	24.5 °C, 55 %	AC 120V	Dolly Lin
Radiated Spurious Emissions	Refer to data	AC 120V	Emily Chang

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	5G WWAN Module			
Model Name	T99W696			
Brand Name	Foxconn			
Model Difference	N/A			
Power Source	Supplied from host system.			
Power Rating	3.3 Vdc			
Host device information				
Equipment	Notebook Computer			
Model Name	TP00174A, TP00174B			
Brand Name	Lenovo			
Model Difference	Different CPUs.			
Power Source	DC voltage supplied from External Power Supply. (Lenovo / ADL140YGSHC3A)			
Power Rating	I/P: 100-240V~, 2.5A, 50-60Hz O/P: 28.0VDC, 5.0A, 140.0W / 5.0VDC 3.0A 15.0W / 9.0VDC 3.0A 27.0W / 15.0VDC 3.0A 45.0W / 20.0VDC 5.0A 100.0W			
WIFI+BT Module	Intel® / BE211D2W			
WWAN Module	Foxconn / T99W696			
Operation Frequency	Band	UL Frequency (MHz)		DL Frequency (MHz)
	LTE 48	3550 ~ 3700		-
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	LTE 48	5	QPSK	0.076
			16QAM	0.065
			64QAM	0.052
			256QAM	0.027
		10	QPSK	0.077
			16QAM	0.065
			64QAM	0.052
			256QAM	0.027
		15	QPSK	0.077
			16QAM	0.066
			64QAM	0.053
			256QAM	0.027
		20	QPSK	0.079
			16QAM	0.067
			64QAM	0.054
			256QAM	0.028
	LTE CA_48C	5+20	QPSK	0.076
			16QAM	0.067
			64QAM	0.056
			256QAM	0.026
		10+20	QPSK	0.077
			16QAM	0.068
			64QAM	0.055
			256QAM	0.026
		15+20	QPSK	0.077
			16QAM	0.068
			64QAM	0.055
			256QAM	0.026

Maximum EIRP	LTE CA_48C	20+5	QPSK	0.077
			16QAM	0.068
			64QAM	0.055
			256QAM	0.026
		20+10	QPSK	0.076
			16QAM	0.068
			64QAM	0.055
			256QAM	0.026
		20+15	QPSK	0.077
			16QAM	0.069
			64QAM	0.055
			256QAM	0.026
		20+20	QPSK	0.077
			16QAM	0.069
			64QAM	0.055
			256QAM	0.026
Test Model		T99W696		
Sample Status		Engineering Sample		
EUT Modification(s)		N/A		

NOTE:

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

(2) Table for Filed Antenna:

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main (TX)	AWAN	DC33002C800	PIFA	I-PEX	-2.86	LTE Band 48
Aux (RX)	AWAN	DC33002C900	PIFA	I-PEX	-	RX only
MIMO1 (RX)	AWAN	DC33002C800	PIFA	I-PEX	-	RX only
MIMO2 (TX/RX)	AWAN	DC33002C900	PIFA	I-PEX	-3.54	LTE Band 48

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main (TX)	Luxshare-ICT	DC33002C500	PIFA	I-PEX	-2.86	LTE Band 48
Aux (RX)	Luxshare-ICT	DC33002C600	PIFA	I-PEX	-	RX only
MIMO1 (RX)	Luxshare-ICT	DC33002C500	PIFA	I-PEX	-	RX only
MIMO2 (TX/RX)	Luxshare-ICT	DC33002C600	PIFA	I-PEX	-3.54	LTE Band 48

SISO/NSA/SRS are evaluated based on the maximum gain of the corresponding antenna for the applicable band. For the MIMO mode, is completely uncorrelated, the directional gain is determined by selecting the maximum gain among all antennas.

(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.

(4) Antenna Configuration

Band	Main Ant. #	ENDC Ant. #
B48	Main	MIMO2

2.2 TEST MODES

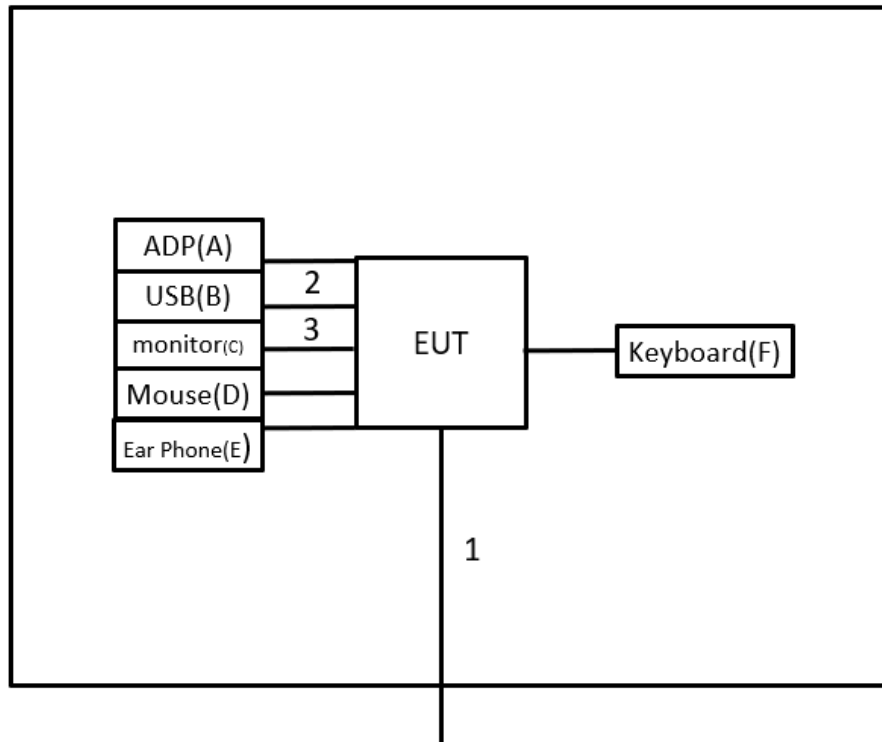
Test Items	Band	Test Mode	Note
Equivalent Isotropic Radiated Power	LTE Band 48	Refer to APPENDIX A	-
	LTE Band CA_48C		
Radiated Spurious Emissions (Below 1G)	LTE Band 48	Refer to APPENDIX B	-
	LTE Band CA_48C		
Radiated Spurious Emissions (Above 1G)	LTE Band 48	Refer to APPENDIX B	-
	LTE Band CA_48C		
Radiated Spurious Emissions (Above 18G)	LTE Band 48	Refer to APPENDIX B	-
	LTE Band CA_48C		

NOTE:

- (1) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (2) For Radiated Spurious Emissions both QPSK, 16QAM, 64QAM and 256QAM are evaluated, but only the worst case (QPSK) is recorded.

2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	Lenovo	ADL140YGSHC3A	N/A	Supplied by test requester.
B	USB	ADATA	UV150	N/A	Furnished by test lab.
C	27" 4K Monitor	DELL	P2415Q	N/A	Furnished by test lab.
D	Mouse	Lenovo	SM-8823	N/A	Furnished by test lab.
E	Ear Phone	HTC	S260	N/A	Furnished by test lab.
F	Keyboard	Bloody	KB-8	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	20m	RJ45 Cable	Furnished by test lab.
2	N/A	N/A	0.1m	USB-C to USB 3.0 CABLE	Furnished by test lab.
3	N/A	N/A	1.8m	HDMI	Furnished by test lab.

3 EQUIVALENT ISOTROPIC RADIATED POWER MEASUREMENT

3.1 LIMIT

EIRP for CBRS equipment as below table:

Device	Maximum EIRP (dBm/10 MHz)
End User Device	23
Category A CBSD	30
Category B CBSD	47

3.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5.8.

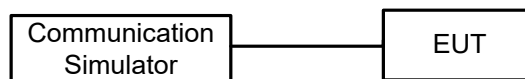
- Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The "Read Value" is the spectrum reading the maximum power value.
- 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
- $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn}.$
- ERP can be calculated form EIRP by subtracting the gain of dipole, $ERP = EIPR - 2.15\text{dBi}.$
- The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP

Conducted Measurement:



3.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.1 LIMIT

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

NOTE:

(1) The measurements of emission power can be expressed in peak or average values, provided they are expressed in the same parameters as the transmitter power.

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

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

4.2 TEST PROCEDURE

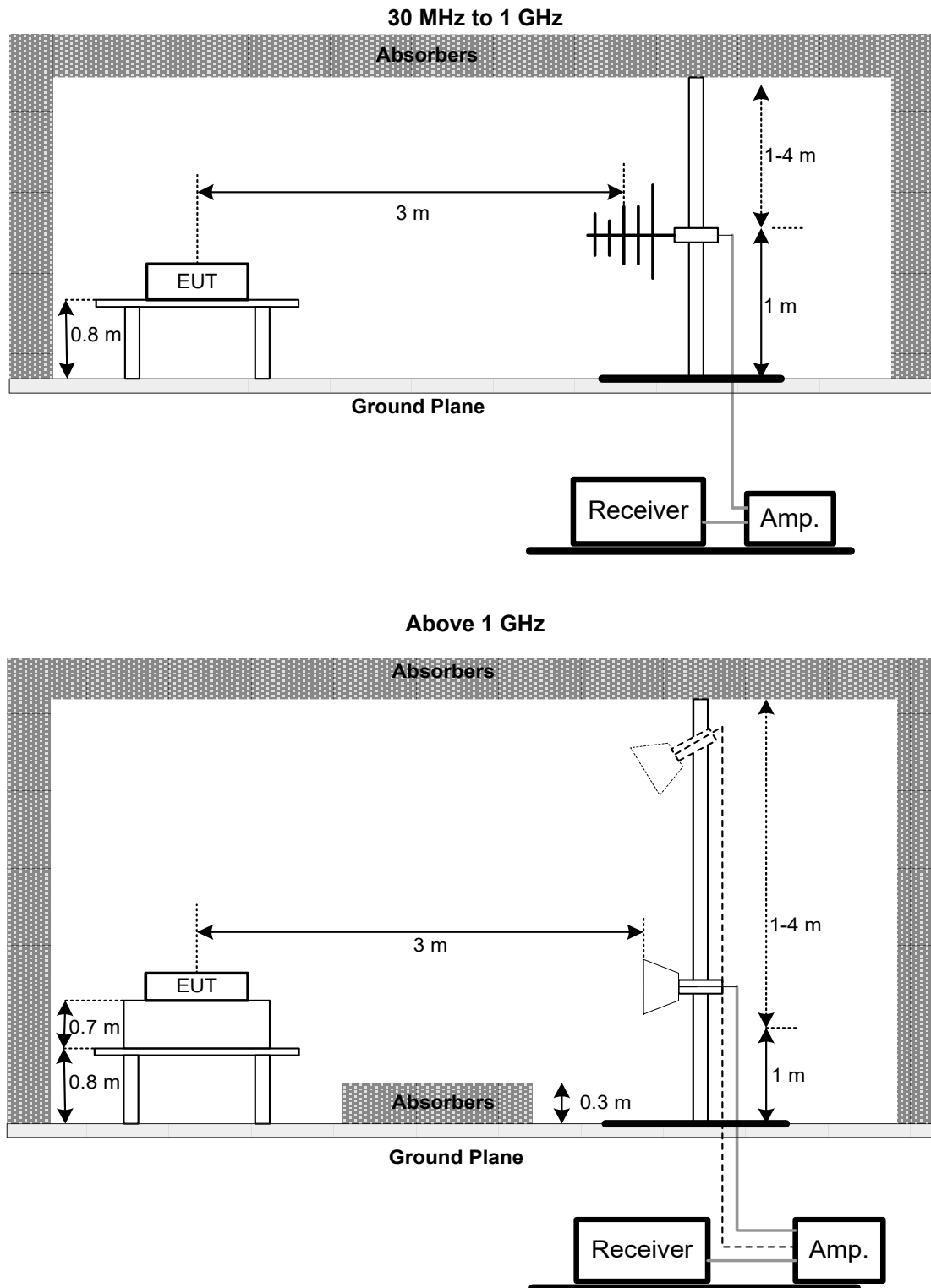
The testing follows FCC KDB 971168 v03r01 Section 6.2.

- 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.
- 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
- $EIRP = \text{Output power level of S.G} - \text{TX cable loss} + \text{Antenna gain of substitution horn.}$
- ERP can be calculated form EIRP by subtracting the gain of dipole, $ERP = EIPR - 2.15\text{dBi.}$
- 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



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX B.

5 LIST OF MEASURING EQUIPMENTS

Equivalent Isotropic Radiated Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2025/7/2	2026/7/1
2	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2025/11/21	2026/11/20
3	Radio Communication Analyzer	ANRITSU	MT8000A	6262036844	2025/11/25	2026/11/24

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2025/9/3	2026/9/2
2	Preamplifier	EMCI	EMC118A45SE	980819	2025/3/5 2026/3/4	2026/3/4 2027/3/3
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2025/9/3	2026/9/2
4	Preamplifier	EMCI	EMC001340	980579	2025/9/3	2026/9/2
5	Test Cable	EMCI	EMC104-SM-1000	180809	2025/3/5 2026/3/4	2026/3/4 2027/3/3
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2025/3/5 2026/3/4	2026/3/4 2027/3/3
7	Test Cable	EMCI	EMC105-SM-SM-8000	220422	2025/10/15	2026/10/14
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2025/2/19 2026/2/12	2026/2/18 2027/2/11
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2025/9/1	2026/8/31
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2025/5/9 2026/5/7	2026/5/8 2027/5/6
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2025/5/15	2026/5/14
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2025/7/4	2026/7/3
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2025/7/4	2026/7/3
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2025/3/12 2026/3/11	2026/3/11 2027/3/10
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2025/3/12 2026/3/11	2026/3/11 2027/3/10
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A
17	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2025/11/21	2026/11/20
18	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2025/7/2	2026/7/1

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

6 EUT TEST PHOTO

Please refer to document Appendix No.: TP-2512T053-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2512T053-1 (APPENDIX-EUT PHOTOS).

APPENDIX A EQUIVALENT ISOTROPIC RADIATED POWER

LTE Band 48 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	5	55265	3552.5	QPSK	1	0	21.56	18.70	0.074
					1	12	21.68	18.82	0.076
					1	24	21.51	18.65	0.073
					12	0	20.93	18.07	0.064
					12	7	21.03	18.17	0.066
					12	13	20.76	17.90	0.062
					25	0	20.90	18.04	0.064
				16QAM	1	0	20.97	18.11	0.065
					1	12	20.89	18.03	0.064
					1	24	21.00	18.14	0.065
					12	0	19.97	17.11	0.051
					12	7	20.06	17.20	0.052
					12	13	20.04	17.18	0.052
					25	0	19.87	17.01	0.050
				64QAM	1	0	20.03	17.17	0.052
					1	12	19.97	17.11	0.051
					1	24	19.89	17.03	0.050
					12	0	19.04	16.18	0.041
					12	7	19.08	16.22	0.042
					12	13	18.89	16.03	0.040
					25	0	18.93	16.07	0.040
				256QAM	1	0	17.08	14.22	0.026
					1	12	17.07	14.21	0.026
					1	24	17.02	14.16	0.026
					12	0	17.04	14.18	0.026
					12	7	17.12	14.26	0.027
					12	13	17.07	14.21	0.026
					25	0	17.02	14.16	0.026
		55990	3625.0	QPSK	1	0	21.03	18.17	0.066
					1	12	21.26	18.40	0.069
					1	24	21.13	18.27	0.067
					12	0	20.37	17.51	0.056
					12	7	20.53	17.67	0.058
					12	13	20.50	17.64	0.058
					25	0	20.36	17.50	0.056
				16QAM	1	0	20.31	17.45	0.056
					1	12	20.48	17.62	0.058
					1	24	20.47	17.61	0.058
					12	0	19.60	16.74	0.047
					12	7	19.63	16.77	0.048
					12	13	19.53	16.67	0.046
					25	0	19.55	16.69	0.047
				64QAM	1	0	19.41	16.55	0.045
					1	12	19.71	16.85	0.048
					1	24	19.56	16.70	0.047
					12	0	18.54	15.68	0.037
					12	7	18.53	15.67	0.037
					12	13	18.56	15.70	0.037
					25	0	18.38	15.52	0.036
				256QAM	1	0	16.54	13.68	0.023
					1	12	16.64	13.78	0.024
					1	24	16.44	13.58	0.023
					12	0	16.71	13.85	0.024
					12	7	16.60	13.74	0.024
					12	13	16.58	13.72	0.024
					25	0	16.43	13.57	0.023

		56715	3697.5	QPSK	1	0	21.46	18.60	0.072
					1	12	21.53	18.67	0.074
					1	24	21.42	18.56	0.072
					12	0	20.66	17.80	0.060
					12	7	20.73	17.87	0.061
					12	13	20.71	17.85	0.061
					25	0	20.87	18.01	0.063
				16QAM	1	0	20.76	17.90	0.062
					1	12	20.79	17.93	0.062
					1	24	20.70	17.84	0.061
					12	0	19.86	17.00	0.050
					12	7	19.95	17.09	0.051
					12	13	19.84	16.98	0.050
					25	0	19.89	17.03	0.050
				64QAM	1	0	19.83	16.97	0.050
					1	12	19.89	17.03	0.050
					1	24	19.92	17.06	0.051
					12	0	18.80	15.94	0.039
					12	7	18.92	16.06	0.040
					12	13	18.82	15.96	0.039
					25	0	18.82	15.96	0.039
				256QAM	1	0	16.98	14.12	0.026
					1	12	16.89	14.03	0.025
					1	24	16.88	14.02	0.025
					12	0	16.91	14.05	0.025
					12	7	17.04	14.18	0.026
					12	13	16.89	14.03	0.025
					25	0	16.94	14.08	0.026

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)	3602.5	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	10	55290	3555.0	QPSK	1	0	21.63	18.77	0.075
					1	24	21.73	18.87	0.077
					1	49	21.59	18.73	0.075
					25	0	20.96	18.10	0.065
					25	12	21.04	18.18	0.066
					25	25	20.84	17.98	0.063
					50	0	20.98	18.12	0.065
				16QAM	1	0	21.00	18.14	0.065
					1	24	20.92	18.06	0.064
					1	49	21.02	18.16	0.065
					25	0	20.03	17.17	0.052
					25	12	20.07	17.21	0.053
					25	25	20.08	17.22	0.053
					50	0	19.95	17.09	0.051
				64QAM	1	0	20.06	17.20	0.052
					1	24	20.03	17.17	0.052
					1	49	19.98	17.12	0.052
					25	0	19.11	16.25	0.042
					25	12	19.14	16.28	0.042
					25	25	18.97	16.11	0.041
					50	0	19.01	16.15	0.041
				256QAM	1	0	17.12	14.26	0.027
					1	24	17.14	14.28	0.027
					1	49	17.04	14.18	0.026
					25	0	17.12	14.26	0.027
					25	12	17.14	14.28	0.027
					25	25	17.10	14.24	0.027
					50	0	17.06	14.20	0.026
		55990	3625.0	QPSK	1	0	21.10	18.24	0.067
					1	24	21.30	18.44	0.070
					1	49	21.22	18.36	0.069
					25	0	20.41	17.55	0.057
					25	12	20.61	17.75	0.060
					25	25	20.52	17.66	0.058
					50	0	20.42	17.56	0.057
				16QAM	1	0	20.40	17.54	0.057
					1	24	20.54	17.68	0.059
					1	49	20.53	17.67	0.058
					25	0	19.62	16.76	0.047
					25	12	19.68	16.82	0.048
					25	25	19.56	16.70	0.047
					50	0	19.57	16.71	0.047
				64QAM	1	0	19.49	16.63	0.046
					1	24	19.74	16.88	0.049
					1	49	19.61	16.75	0.047
					25	0	18.58	15.72	0.037
					25	12	18.60	15.74	0.037
					25	25	18.58	15.72	0.037
					50	0	18.40	15.54	0.036
				256QAM	1	0	16.61	13.75	0.024
					1	24	16.72	13.86	0.024
					1	49	16.53	13.67	0.023
					25	0	16.74	13.88	0.024
					25	12	16.63	13.77	0.024
					25	25	16.61	13.75	0.024
					50	0	16.50	13.64	0.023

		56690	3695.0	QPSK	1	0	21.54	18.68	0.074
					1	24	21.55	18.69	0.074
					1	49	21.46	18.60	0.072
					25	0	20.73	17.87	0.061
					25	12	20.79	17.93	0.062
					25	25	20.79	17.93	0.062
				16QAM	50	0	20.95	18.09	0.064
					1	0	20.79	17.93	0.062
					1	24	20.82	17.96	0.063
					1	49	20.74	17.88	0.061
					25	0	19.93	17.07	0.051
					25	12	20.03	17.17	0.052
					25	25	19.89	17.03	0.050
				64QAM	50	0	19.97	17.11	0.051
					1	0	19.91	17.05	0.051
					1	24	19.92	17.06	0.051
					1	49	19.93	17.07	0.051
					25	0	18.88	16.02	0.040
					25	12	18.96	16.10	0.041
					25	25	18.85	15.99	0.040
				256QAM	50	0	18.86	16.00	0.040
					1	0	16.99	14.13	0.026
					1	24	16.97	14.11	0.026
					1	49	16.94	14.08	0.026
					25	0	16.95	14.09	0.026
					25	12	17.06	14.20	0.026
					25	25	16.98	14.12	0.026
					50	0	17.02	14.16	0.026

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	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	15	55315	3557.5	QPSK	1	0	21.68	18.82	0.076
					1	38	21.75	18.89	0.077
					1	74	21.67	18.81	0.076
					36	0	20.99	18.13	0.065
					36	20	21.09	18.23	0.067
					36	39	20.88	18.02	0.063
					75	0	21.06	18.20	0.066
				16QAM	1	0	21.03	18.17	0.066
					1	38	20.99	18.13	0.065
					1	74	21.06	18.20	0.066
					36	0	20.05	17.19	0.052
					36	20	20.13	17.27	0.053
					36	39	20.10	17.24	0.053
					75	0	19.99	17.13	0.052
				64QAM	1	0	20.10	17.24	0.053
					1	38	20.11	17.25	0.053
					1	74	20.05	17.19	0.052
					36	0	19.17	16.31	0.043
					36	20	19.17	16.31	0.043
					36	39	18.99	16.13	0.041
					75	0	19.06	16.20	0.042
				256QAM	1	0	17.14	14.28	0.027
					1	38	17.16	14.30	0.027
					1	74	17.08	14.22	0.026
					36	0	17.21	14.35	0.027
					36	20	17.18	14.32	0.027
					36	39	17.18	14.32	0.027
					75	0	17.14	14.28	0.027
		55990	3625.0	QPSK	1	0	21.15	18.29	0.067
					1	38	21.32	18.46	0.070
					1	74	21.23	18.37	0.069
					36	0	20.45	17.59	0.057
					36	20	20.64	17.78	0.060
					36	39	20.54	17.68	0.059
					75	0	20.44	17.58	0.057
				16QAM	1	0	20.45	17.59	0.057
					1	38	20.60	17.74	0.059
					1	74	20.56	17.70	0.059
					36	0	19.69	16.83	0.048
					36	20	19.74	16.88	0.049
					36	39	19.61	16.75	0.047
					75	0	19.64	16.78	0.048
				64QAM	1	0	19.55	16.69	0.047
					1	38	19.75	16.89	0.049
					1	74	19.63	16.77	0.048
					36	0	18.65	15.79	0.038
					36	20	18.61	15.75	0.038
					36	39	18.67	15.81	0.038
					75	0	18.45	15.59	0.036
				256QAM	1	0	16.66	13.80	0.024
					1	38	16.80	13.94	0.025
					1	74	16.62	13.76	0.024
					36	0	16.77	13.91	0.025
					36	20	16.69	13.83	0.024
					36	39	16.63	13.77	0.024
					75	0	16.57	13.71	0.023

		56665	3692.5	QPSK	1	0	21.61	18.75	0.075
					1	38	21.63	18.77	0.075
					1	74	21.52	18.66	0.073
					36	0	20.80	17.94	0.062
					36	20	20.86	18.00	0.063
					36	39	20.83	17.97	0.063
				16QAM	75	0	20.97	18.11	0.065
					1	0	20.88	18.02	0.063
					1	38	20.86	18.00	0.063
					1	74	20.83	17.97	0.063
					36	0	20.00	17.14	0.052
					36	20	20.05	17.19	0.052
				64QAM	36	39	19.94	17.08	0.051
					75	0	20.02	17.16	0.052
					1	0	20.00	17.14	0.052
					1	38	19.99	17.13	0.052
					1	74	19.95	17.09	0.051
					36	0	18.93	16.07	0.040
				256QAM	36	20	18.98	16.12	0.041
					36	39	18.91	16.05	0.040
					75	0	18.92	16.06	0.040
					1	0	17.07	14.21	0.026
					1	38	17.06	14.20	0.026
					1	74	17.01	14.15	0.026
					36	0	16.99	14.13	0.026
					36	20	17.12	14.26	0.027
					36	39	17.07	14.21	0.026
					75	0	17.04	14.18	0.026

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	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	20	55340	3560.0	QPSK	1	0	21.75	18.89	0.077
					1	49	21.81	18.95	0.079
					1	99	21.73	18.87	0.077
					50	0	21.03	18.17	0.066
					50	24	21.16	18.30	0.068
					50	50	20.95	18.09	0.064
				100	0	21.07	18.21	0.066	
				16QAM	1	0	21.08	18.22	0.066
					1	49	21.04	18.18	0.066
					1	99	21.10	18.24	0.067
					50	0	20.14	17.28	0.053
					50	24	20.15	17.29	0.054
					50	50	20.18	17.32	0.054
				100	0	20.06	17.20	0.052	
				64QAM	1	0	20.12	17.26	0.053
					1	49	20.20	17.34	0.054
					1	99	20.13	17.27	0.053
					50	0	19.19	16.33	0.043
					50	24	19.21	16.35	0.043
					50	50	19.06	16.20	0.042
				100	0	19.13	16.27	0.042	
				256QAM	1	0	17.22	14.36	0.027
					1	49	17.21	14.35	0.027
					1	99	17.13	14.27	0.027
					50	0	17.29	14.43	0.028
					50	24	17.23	14.37	0.027
					50	50	17.26	14.40	0.028
				100	0	17.20	14.34	0.027	
		55990	3625.0	QPSK	1	0	21.23	18.37	0.069
					1	49	21.34	18.48	0.070
					1	99	21.29	18.43	0.070
					50	0	20.50	17.64	0.058
					50	24	20.70	17.84	0.061
					50	50	20.58	17.72	0.059
				100	0	20.50	17.64	0.058	
				16QAM	1	0	20.49	17.63	0.058
					1	49	20.68	17.82	0.061
					1	99	20.60	17.74	0.059
					50	0	19.71	16.85	0.048
					50	24	19.79	16.93	0.049
					50	50	19.63	16.77	0.048
				100	0	19.67	16.81	0.048	
				64QAM	1	0	19.60	16.74	0.047
					1	49	19.77	16.91	0.049
					1	99	19.69	16.83	0.048
					50	0	18.67	15.81	0.038
					50	24	18.68	15.82	0.038
					50	50	18.68	15.82	0.038
				100	0	18.53	15.67	0.037	
				256QAM	1	0	16.71	13.85	0.024
					1	49	16.81	13.95	0.025
					1	99	16.71	13.85	0.024
					50	0	16.81	13.95	0.025
					50	24	16.75	13.89	0.024
					50	50	16.70	13.84	0.024
				100	0	16.65	13.79	0.024	

		56640	3690.0	QPSK	1	0	21.62	18.76	0.075
					1	49	21.65	18.79	0.076
					1	99	21.54	18.68	0.074
					50	0	20.85	17.99	0.063
					50	24	20.93	18.07	0.064
					50	50	20.92	18.06	0.064
					100	0	21.00	18.14	0.065
				16QAM	1	0	20.92	18.06	0.064
					1	49	20.90	18.04	0.064
					1	99	20.91	18.05	0.064
					50	0	20.05	17.19	0.052
					50	24	20.10	17.24	0.053
					50	50	19.99	17.13	0.052
					100	0	20.06	17.20	0.052
				64QAM	1	0	20.04	17.18	0.052
					1	49	20.08	17.22	0.053
					1	99	20.00	17.14	0.052
					50	0	19.01	16.15	0.041
					50	24	19.06	16.20	0.042
					50	50	18.93	16.07	0.040
					100	0	18.96	16.10	0.041
				256QAM	1	0	17.08	14.22	0.026
					1	49	17.10	14.24	0.027
					1	99	17.04	14.18	0.026
					50	0	17.04	14.18	0.026
					50	24	17.19	14.33	0.027
					50	50	17.09	14.23	0.026
					100	0	17.09	14.23	0.026

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

LTE Band CA_48C Power:

Band	BW (MHz)	PCC/SCC Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	5+20	55273 55390	3553.3 3565.0	QPSK	1	0	1	99	13.08	10.22	0.011
					1	24	1	0	21.32	18.46	0.070
					25	0	100	0	19.72	16.86	0.049
				16QAM	1	0	1	99	13.52	10.66	0.012
					1	24	1	0	21.10	18.24	0.067
					25	0	100	0	18.45	15.59	0.036
				64QAM	1	0	1	99	13.10	10.24	0.011
					1	24	1	0	19.93	17.07	0.051
					25	0	100	0	18.49	15.63	0.037
				256QAM	1	0	1	99	13.61	10.75	0.012
					1	24	1	0	16.83	13.97	0.025
					25	0	100	0	16.83	13.97	0.025
		55896 56015	3615.6 3627.5	QPSK	1	0	1	99	13.20	10.34	0.011
					1	24	1	0	21.66	18.80	0.076
					25	0	100	0	19.80	16.94	0.049
				16QAM	1	0	1	99	13.62	10.76	0.012
					1	24	1	0	21.14	18.28	0.067
					25	0	100	0	18.80	15.94	0.039
				64QAM	1	0	1	99	13.26	10.40	0.011
					1	24	1	0	20.16	17.30	0.054
					25	0	100	0	18.68	15.82	0.038
				256QAM	1	0	1	99	13.69	10.83	0.012
					1	24	1	0	17.00	14.14	0.026
					25	0	100	0	17.04	14.18	0.026
		56523 56640	3678.3 3690.0	QPSK	1	0	1	99	12.98	10.12	0.010
					1	24	1	0	21.40	18.54	0.071
					25	0	100	0	19.68	16.82	0.048
				16QAM	1	0	1	99	13.50	10.64	0.012
					1	24	1	0	20.88	18.02	0.063
					25	0	100	0	18.49	15.63	0.037
				64QAM	1	0	1	99	12.92	10.06	0.010
					1	24	1	0	20.31	17.45	0.056
					25	0	100	0	18.60	15.74	0.037
				256QAM	1	0	1	99	13.72	10.86	0.012
					1	24	1	0	16.80	13.94	0.025
					25	0	100	0	16.83	13.97	0.025

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	10+20	55295 55439	3555.5 3569.9	QPSK	1	0	1	99	13.12	10.26	0.011
					1	49	1	0	21.37	18.51	0.071
					50	0	100	0	19.72	16.86	0.049
				16QAM	1	0	1	99	13.50	10.64	0.012
					1	49	1	0	21.10	18.24	0.067
					50	0	100	0	18.47	15.61	0.036
				64QAM	1	0	1	99	13.08	10.22	0.011
					1	49	1	0	19.92	17.06	0.051
					50	0	100	0	18.55	15.69	0.037
				256QAM	1	0	1	99	13.66	10.80	0.012
					1	49	1	0	16.88	14.02	0.025
					50	0	100	0	16.86	14.00	0.025
		55896 56040	3615.6 3630.0	QPSK	1	0	1	99	13.24	10.38	0.011
					1	49	1	0	21.70	18.84	0.077
					50	0	100	0	19.82	16.96	0.050
				16QAM	1	0	1	99	13.68	10.82	0.012
					1	49	1	0	21.18	18.32	0.068
					50	0	100	0	18.79	15.93	0.039
				64QAM	1	0	1	99	13.26	10.40	0.011
					1	49	1	0	20.15	17.29	0.054
					50	0	100	0	18.66	15.80	0.038
				256QAM	1	0	1	99	13.75	10.89	0.012
					1	49	1	0	16.99	14.13	0.026
					50	0	100	0	17.03	14.17	0.026
		56496 56640	3675.6 3690.0	QPSK	1	0	1	99	12.99	10.13	0.010
					1	49	1	0	21.46	18.60	0.072
					50	0	100	0	19.68	16.82	0.048
				16QAM	1	0	1	99	13.54	10.68	0.012
					1	49	1	0	20.94	18.08	0.064
					50	0	100	0	18.53	15.67	0.037
				64QAM	1	0	1	99	12.95	10.09	0.010
					1	49	1	0	20.29	17.43	0.055
					50	0	100	0	18.60	15.74	0.037
				256QAM	1	0	1	99	13.71	10.85	0.012
					1	49	1	0	16.86	14.00	0.025
					50	0	100	0	16.81	13.95	0.025

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	15+20	55318 55489	3557.8 3574.9	QPSK	1	0	1	99	13.16	10.30	0.011
					1	74	1	0	21.37	18.51	0.071
					75	0	100	0	19.73	16.87	0.049
				16QAM	1	0	1	99	13.56	10.70	0.012
					1	74	1	0	21.11	18.25	0.067
					75	0	100	0	18.51	15.65	0.037
				64QAM	1	0	1	99	13.11	10.25	0.011
					1	74	1	0	19.96	17.10	0.051
					75	0	100	0	18.61	15.75	0.038
				256QAM	1	0	1	99	13.65	10.79	0.012
					1	74	1	0	16.89	14.03	0.025
					75	0	100	0	16.88	14.02	0.025
		55893 56064	3615.3 3632.4	QPSK	1	0	1	99	13.27	10.41	0.011
					1	74	1	0	21.70	18.84	0.077
					75	0	100	0	19.81	16.95	0.050
				16QAM	1	0	1	99	13.73	10.87	0.012
					1	74	1	0	21.20	18.34	0.068
					75	0	100	0	18.84	15.98	0.040
				64QAM	1	0	1	99	13.28	10.42	0.011
					1	74	1	0	20.21	17.35	0.054
					75	0	100	0	18.70	15.84	0.038
				256QAM	1	0	1	99	13.79	10.93	0.012
					1	74	1	0	17.01	14.15	0.026
					75	0	100	0	17.08	14.22	0.026
		56469 56640	3672.9 3690.0	QPSK	1	0	1	99	13.00	10.14	0.010
					1	74	1	0	21.45	18.59	0.072
					75	0	100	0	19.70	16.84	0.048
				16QAM	1	0	1	99	13.60	10.74	0.012
					1	74	1	0	20.94	18.08	0.064
					75	0	100	0	18.54	15.68	0.037
				64QAM	1	0	1	99	12.97	10.11	0.010
					1	74	1	0	20.28	17.42	0.055
					75	0	100	0	18.60	15.74	0.037
				256QAM	1	0	1	99	13.69	10.83	0.012
					1	74	1	0	16.89	14.03	0.025
					75	0	100	0	16.80	13.94	0.025

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	20+5	55340 55457	3560.0 3571.7	QPSK	1	0	1	24	13.17	10.31	0.011
					1	99	1	0	21.41	18.55	0.072
					100	0	25	0	19.71	16.85	0.048
				16QAM	1	0	1	24	13.57	10.71	0.012
					1	99	1	0	21.10	18.24	0.067
					100	0	25	0	18.55	15.69	0.037
				64QAM	1	0	1	24	13.11	10.25	0.011
					1	99	1	0	20.00	17.14	0.052
					100	0	25	0	18.60	15.74	0.037
				256QAM	1	0	1	24	13.63	10.77	0.012
					1	99	1	0	16.87	14.01	0.025
					100	0	25	0	16.89	14.03	0.025
		55965 56082	3622.5 3634.2	QPSK	1	0	1	24	13.31	10.45	0.011
					1	99	1	0	21.71	18.85	0.077
					100	0	25	0	19.81	16.95	0.050
				16QAM	1	0	1	24	13.71	10.85	0.012
					1	99	1	0	21.18	18.32	0.068
					100	0	25	0	18.86	16.00	0.040
				64QAM	1	0	1	24	13.30	10.44	0.011
					1	99	1	0	20.19	17.33	0.054
					100	0	25	0	18.76	15.90	0.039
				256QAM	1	0	1	24	13.84	10.98	0.013
					1	99	1	0	16.99	14.13	0.026
					100	0	25	0	17.08	14.22	0.026
		56590 56707	3685.0 3696.7	QPSK	1	0	1	24	13.05	10.19	0.010
					1	99	1	0	21.47	18.61	0.073
					100	0	25	0	19.75	16.89	0.049
				16QAM	1	0	1	24	13.66	10.80	0.012
					1	99	1	0	21.00	18.14	0.065
					100	0	25	0	18.59	15.73	0.037
				64QAM	1	0	1	24	12.95	10.09	0.010
					1	99	1	0	20.27	17.41	0.055
					100	0	25	0	18.59	15.73	0.037
				256QAM	1	0	1	24	13.68	10.82	0.012
					1	99	1	0	16.92	14.06	0.025
					100	0	25	0	16.80	13.94	0.025

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	20+10	55340 55484	3560.0 3574.4	QPSK	1	0	1	49	13.21	10.35	0.011
					1	99	1	0	21.47	18.61	0.073
					100	0	50	0	19.70	16.84	0.048
				16QAM	1	0	1	49	13.57	10.71	0.012
					1	99	1	0	21.12	18.26	0.067
					100	0	50	0	18.57	15.71	0.037
				64QAM	1	0	1	49	13.16	10.30	0.011
					1	99	1	0	20.05	17.19	0.052
					100	0	50	0	18.66	15.80	0.038
				256QAM	1	0	1	49	13.64	10.78	0.012
					1	99	1	0	16.93	14.07	0.026
					100	0	50	0	16.87	14.01	0.025
		55941 56085	3620.1 3634.5	QPSK	1	0	1	49	13.32	10.46	0.011
					1	99	1	0	21.69	18.83	0.076
					100	0	50	0	19.79	16.93	0.049
				16QAM	1	0	1	49	13.70	10.84	0.012
					1	99	1	0	21.19	18.33	0.068
					100	0	50	0	18.84	15.98	0.040
				64QAM	1	0	1	49	13.33	10.47	0.011
					1	99	1	0	20.24	17.38	0.055
					100	0	50	0	18.74	15.88	0.039
				256QAM	1	0	1	49	13.84	10.98	0.013
					1	99	1	0	16.98	14.12	0.026
					100	0	50	0	17.09	14.23	0.026
		56541 56685	3680.1 3694.5	QPSK	1	0	1	49	13.04	10.18	0.010
					1	99	1	0	21.50	18.64	0.073
					100	0	50	0	19.77	16.91	0.049
				16QAM	1	0	1	49	13.71	10.85	0.012
					1	99	1	0	21.04	18.18	0.066
					100	0	50	0	18.62	15.76	0.038
				64QAM	1	0	1	49	12.98	10.12	0.010
					1	99	1	0	20.26	17.40	0.055
					100	0	50	0	18.60	15.74	0.037
				256QAM	1	0	1	49	13.71	10.85	0.012
					1	99	1	0	16.90	14.04	0.025
					100	0	50	0	16.81	13.95	0.025

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	20+15	55340 55511	3560.0 3577.1	QPSK	1	0	1	74	13.19	10.33	0.011
					1	99	1	0	21.48	18.62	0.073
					100	0	75	0	19.74	16.88	0.049
				16QAM	1	0	1	74	13.55	10.69	0.012
					1	99	1	0	21.15	18.29	0.067
					100	0	75	0	18.55	15.69	0.037
				64QAM	1	0	1	74	13.16	10.30	0.011
					1	99	1	0	20.07	17.21	0.053
					100	0	75	0	18.69	15.83	0.038
				256QAM	1	0	1	74	13.70	10.84	0.012
					1	99	1	0	16.95	14.09	0.026
					100	0	75	0	16.89	14.03	0.025
		55916 56087	3617.6 3634.7	QPSK	1	0	1	74	13.34	10.48	0.011
					1	99	1	0	21.72	18.86	0.077
					100	0	75	0	19.82	16.96	0.050
				16QAM	1	0	1	74	13.76	10.90	0.012
					1	99	1	0	21.25	18.39	0.069
					100	0	75	0	18.82	15.96	0.039
				64QAM	1	0	1	74	13.34	10.48	0.011
					1	99	1	0	20.24	17.38	0.055
					100	0	75	0	18.80	15.94	0.039
				256QAM	1	0	1	74	13.86	11.00	0.013
					1	99	1	0	16.97	14.11	0.026
					100	0	75	0	17.09	14.23	0.026
		56491 56662	3675.1 3692.2	QPSK	1	0	1	74	13.10	10.24	0.011
					1	99	1	0	21.54	18.68	0.074
					100	0	75	0	19.80	16.94	0.049
				16QAM	1	0	1	74	13.77	10.91	0.012
					1	99	1	0	21.05	18.19	0.066
					100	0	75	0	18.67	15.81	0.038
				64QAM	1	0	1	74	13.04	10.18	0.010
					1	99	1	0	20.29	17.43	0.055
					100	0	75	0	18.66	15.80	0.038
				256QAM	1	0	1	74	13.72	10.86	0.012
					1	99	1	0	16.95	14.09	0.026
					100	0	75	0	16.87		

NOTE:

(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 48+48	20+20	55340 55538	3560.0 3579.8	QPSK	1	0	1	99	13.23	10.37	0.011
					1	99	1	0	21.53	18.67	0.074
					100	0	100	0	19.72	16.86	0.049
				16QAM	1	0	1	99	13.54	10.68	0.012
					1	99	1	0	21.21	18.35	0.068
					100	0	100	0	18.57	15.71	0.037
				64QAM	1	0	1	99	13.17	10.31	0.011
					1	99	1	0	20.13	17.27	0.053
					100	0	100	0	18.69	15.83	0.038
				256QAM	1	0	1	99	13.69	10.83	0.012
					1	99	1	0	16.93	14.07	0.026
					100	0	100	0	16.92	14.06	0.025
		55891 56089	3615.1 3634.9	QPSK	1	0	1	99	13.38	10.52	0.011
					1	99	1	0	21.73	18.87	0.077
					100	0	100	0	19.84	16.98	0.050
				16QAM	1	0	1	99	13.78	10.92	0.012
					1	99	1	0	21.23	18.37	0.069
					100	0	100	0	18.84	15.98	0.040
				64QAM	1	0	1	99	13.37	10.51	0.011
					1	99	1	0	20.24	17.38	0.055
					100	0	100	0	18.79	15.93	0.039
				256QAM	1	0	1	99	13.89	11.03	0.013
					1	99	1	0	17.03	14.17	0.026
					100	0	100	0	17.07	14.21	0.026
		56442 56640	3670.2 3690.0	QPSK	1	0	1	99	13.16	10.30	0.011
					1	99	1	0	21.59	18.73	0.075
					100	0	100	0	19.83	16.97	0.050
				16QAM	1	0	1	99	13.76	10.90	0.012
					1	99	1	0	21.09	18.23	0.067
					100	0	100	0	18.67	15.81	0.038
				64QAM	1	0	1	99	13.10	10.24	0.011
					1	99	1	0	20.29	17.43	0.055
					100	0	100	0	18.67	15.81	0.038
				256QAM	1	0	1	99	13.72	10.86	0.012
					1	99	1	0	16.94	14.08	0.026
					100	0	100	0	16.87	14.01	0.025

NOTE:

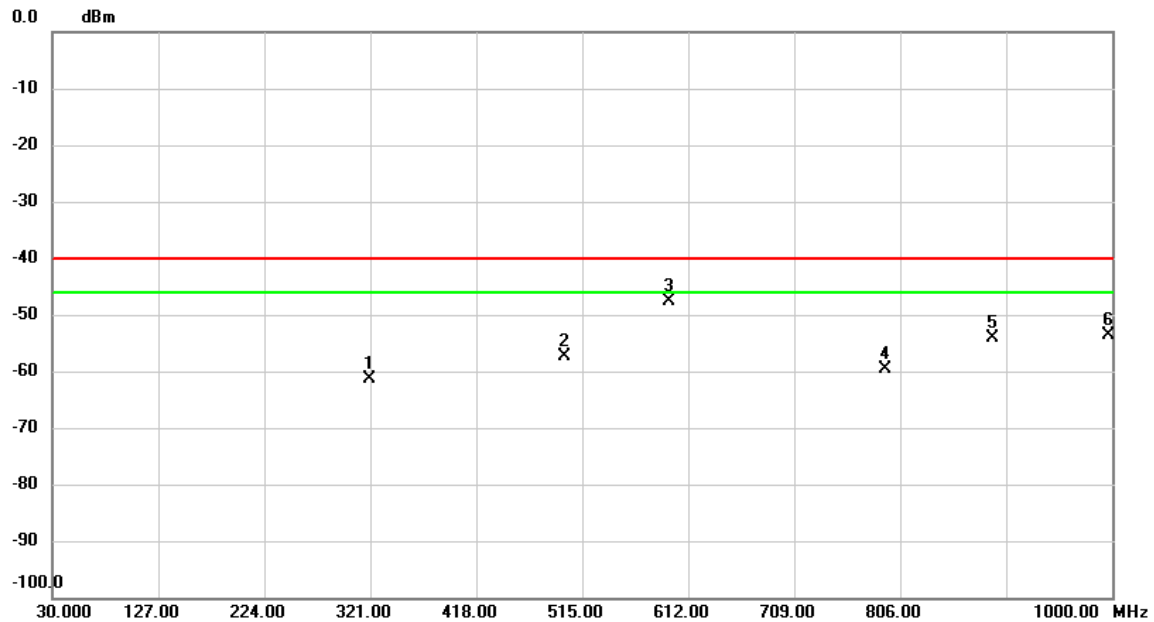
(1) EIRP = Average power + Antenna gain.

(2) ERP = EIRP - 2.15.

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

APPENDIX B RADIATED SPURIOUS EMISSIONS

Test Mode	LTE Band 48	Test Date	2026/1/30
Test Channel	CH55990	Polarization	Vertical
Temp	25°C	Hum.	58 %



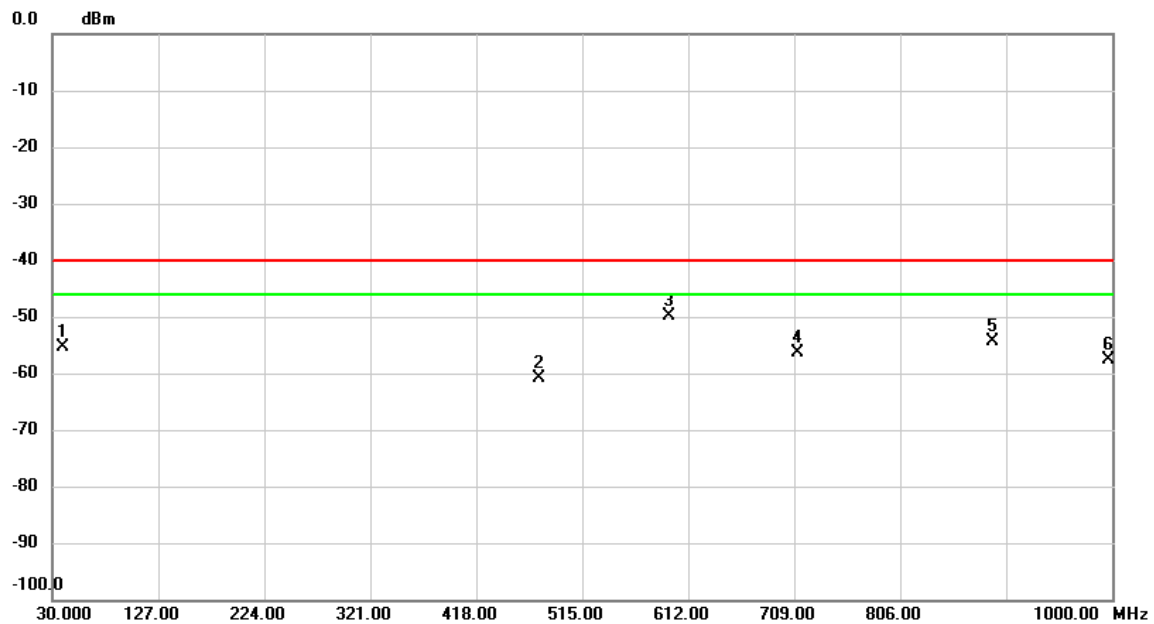
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		320.4503	-58.19	-3.18	-61.37	-40.00	-21.37	peak	
2		498.3483	-57.43	0.03	-57.40	-40.00	-17.40	peak	
3	*	593.9257	-50.83	3.22	-47.61	-40.00	-7.61	peak	
4		792.0320	-63.47	3.84	-59.63	-40.00	-19.63	peak	
5		891.0043	-60.48	6.39	-54.09	-40.00	-14.09	peak	
6		997.1223	-61.09	7.38	-53.71	-40.00	-13.71	peak	

REMARKS:

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

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

Test Mode	LTE Band 48	Test Date	2026/1/30
Test Channel	CH55990	Polarization	Horizontal
Temp	25°C	Hum.	58 %



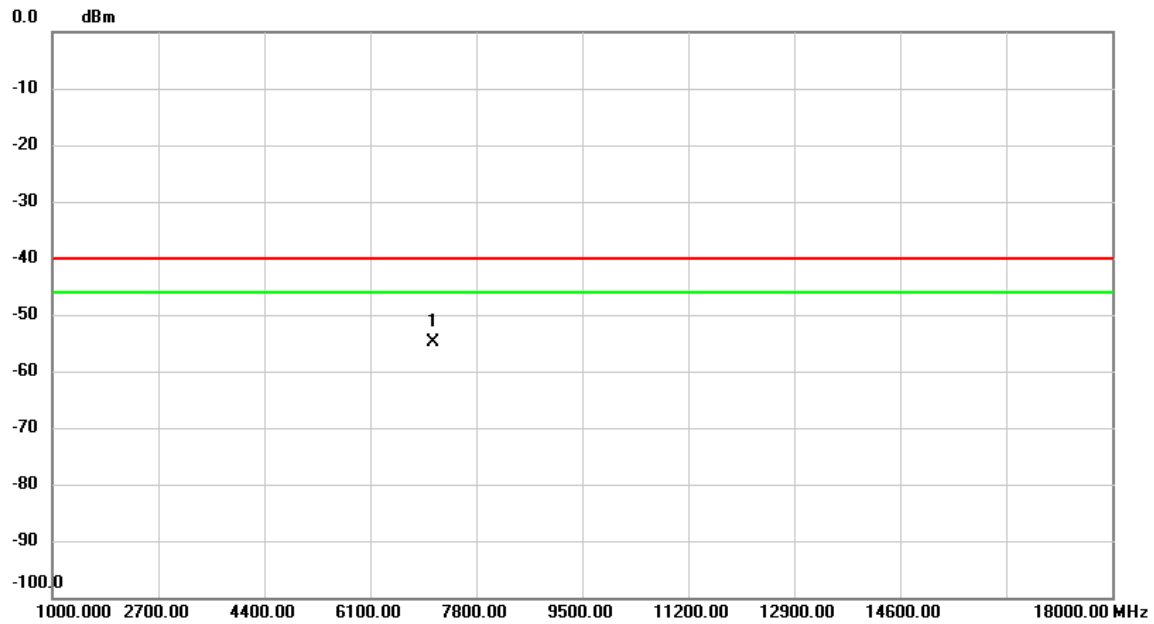
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		39.1180	-57.27	2.02	-55.25	-40.00	-15.25	peak	
2		475.2300	-59.22	-1.69	-60.91	-40.00	-20.91	peak	
3	*	593.9903	-49.87	0.12	-49.75	-40.00	-9.75	peak	
4		712.8153	-59.21	2.82	-56.39	-40.00	-16.39	peak	
5		891.0043	-59.20	4.74	-54.46	-40.00	-14.46	peak	
6		997.4133	-63.67	6.15	-57.52	-40.00	-17.52	peak	

REMARKS:

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

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

Test Mode	LTE Band 48	Test Date	2026/1/30
Test Channel	CH55340	Polarization	Vertical
Temp	25°C	Hum.	58 %

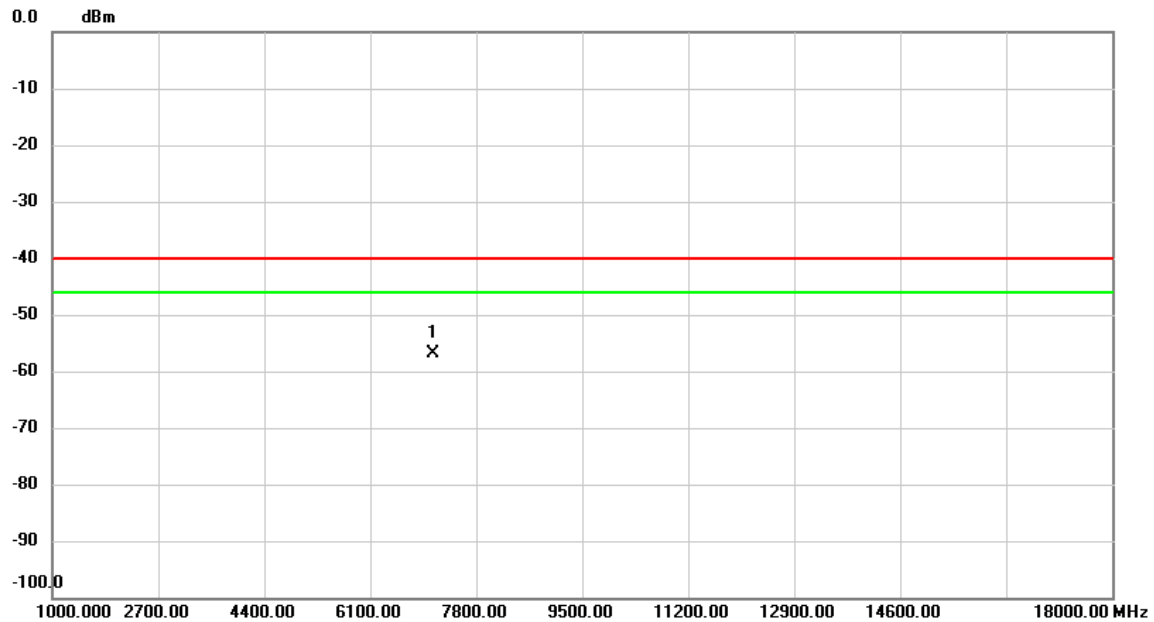


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7100.000	-73.37	18.49	-54.88	-40.00	-14.88	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/1/30
Test Channel	CH55340	Polarization	Horizontal
Temp	25°C	Hum.	58 %

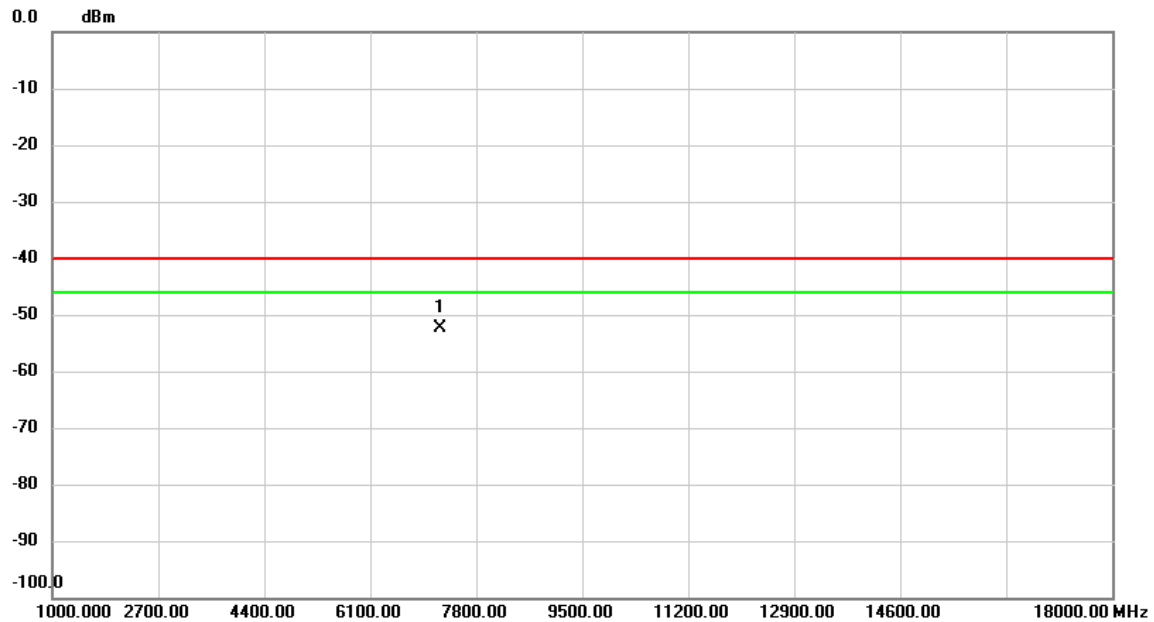


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7100.000	-75.38	18.45	-56.93	-40.00	-16.93	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/5
Test Channel	CH55990	Polarization	Vertical
Temp	24°C	Hum.	58 %

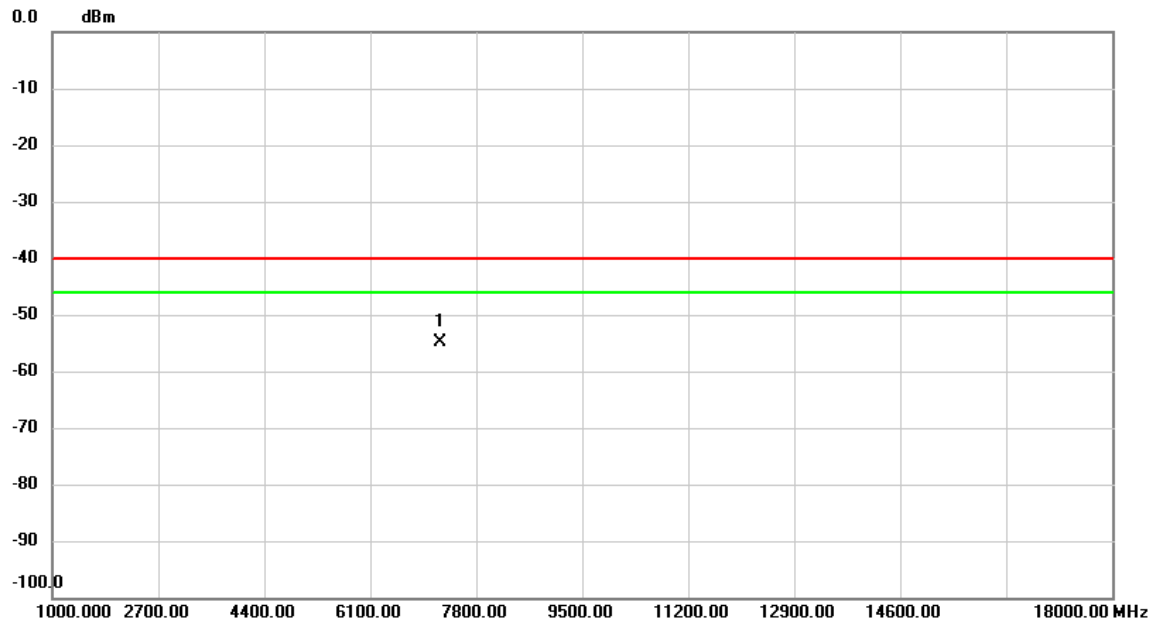


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7232.200	-70.18	17.85	-52.33	-40.00	-12.33	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/5
Test Channel	CH55990	Polarization	Horizontal
Temp	24°C	Hum.	58 %

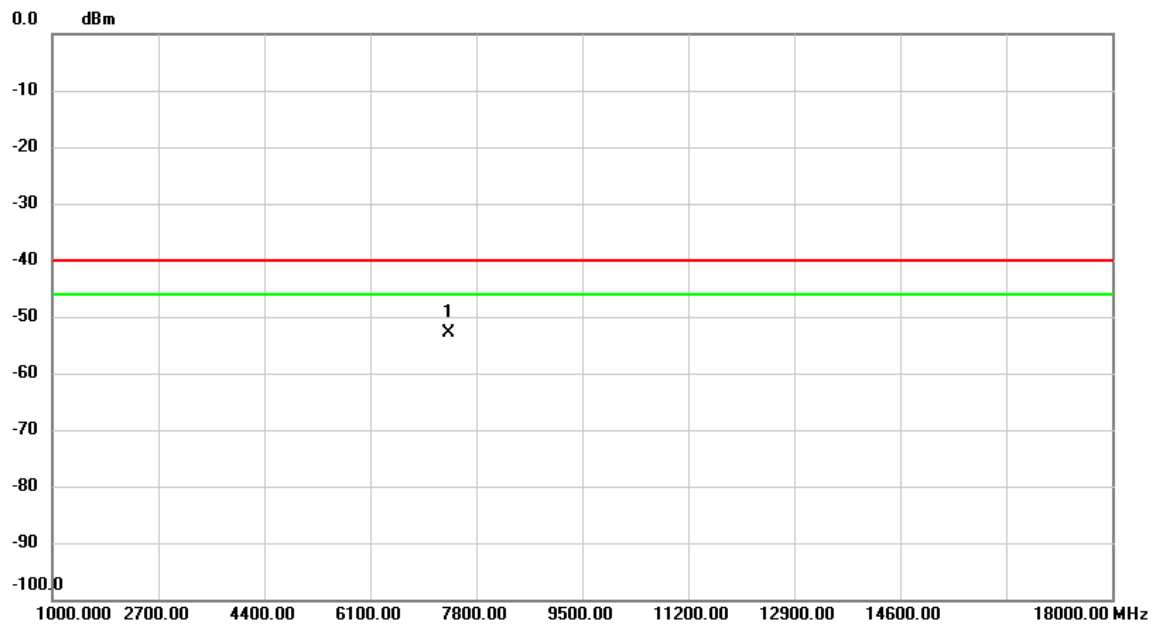


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7232.000	-72.41	17.52	-54.89	-40.00	-14.89	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/5
Test Channel	CH55990	Polarization	Vertical
Temp	24°C	Hum.	58 %

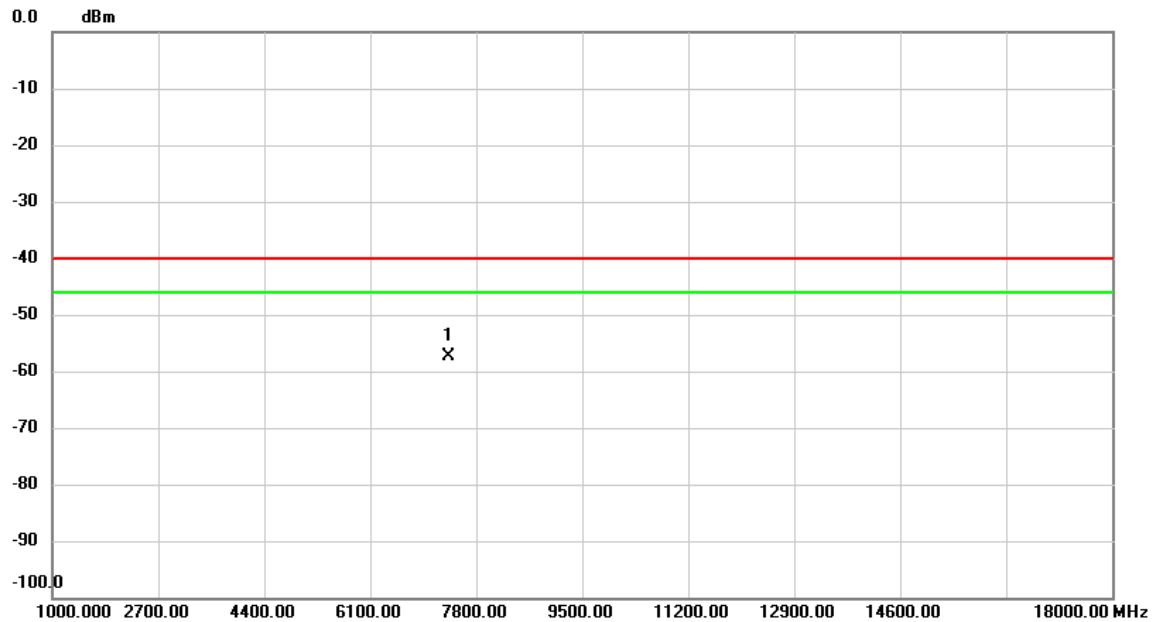


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7361.967	-70.61	17.71	-52.90	-40.00	-12.90	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/5
Test Channel	CH55990	Polarization	Horizontal
Temp	24°C	Hum.	58 %

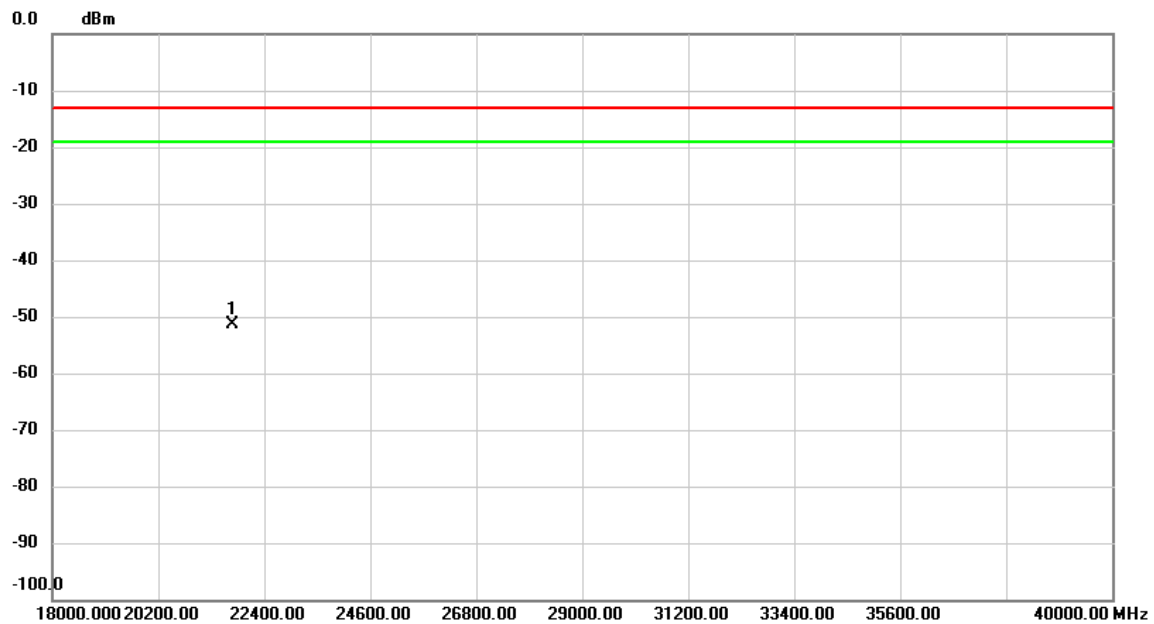


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7360.000	-74.71	17.46	-57.25	-40.00	-17.25	RMS	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/4
Test Channel	CH55990	Polarization	Vertical
Temp	22°C	Hum.	56 %

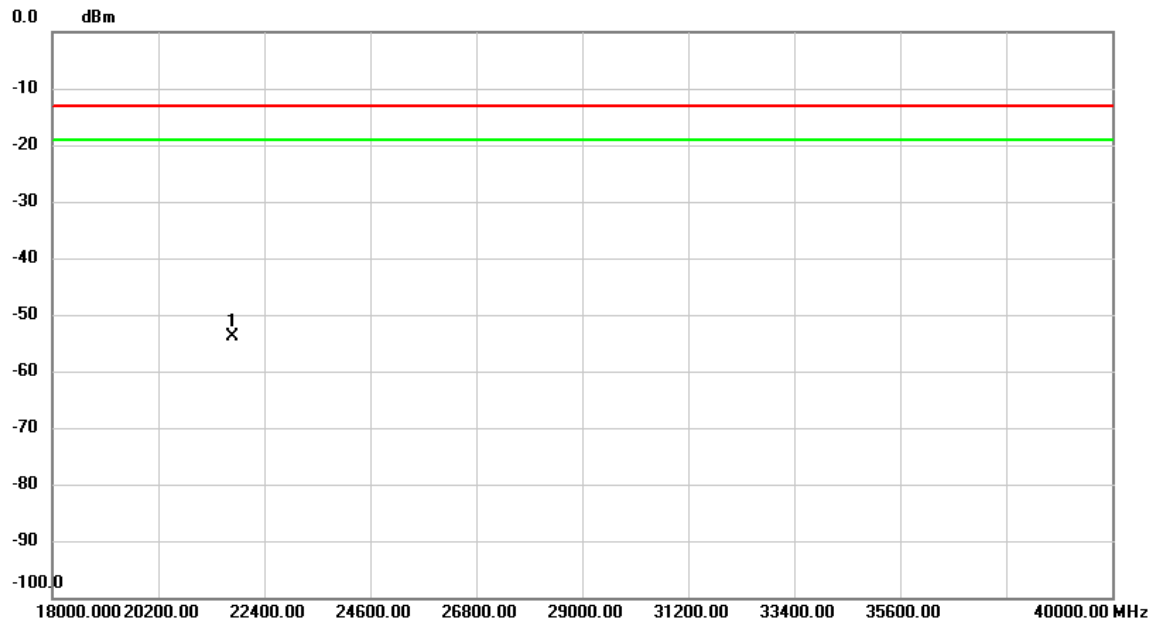


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	21750.00	-55.02	3.61	-51.41	-13.00	-38.41	peak	

REMARKS:

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

Test Mode	LTE Band 48	Test Date	2026/2/4
Test Channel	CH55990	Polarization	Horizontal
Temp	22°C	Hum.	56 %

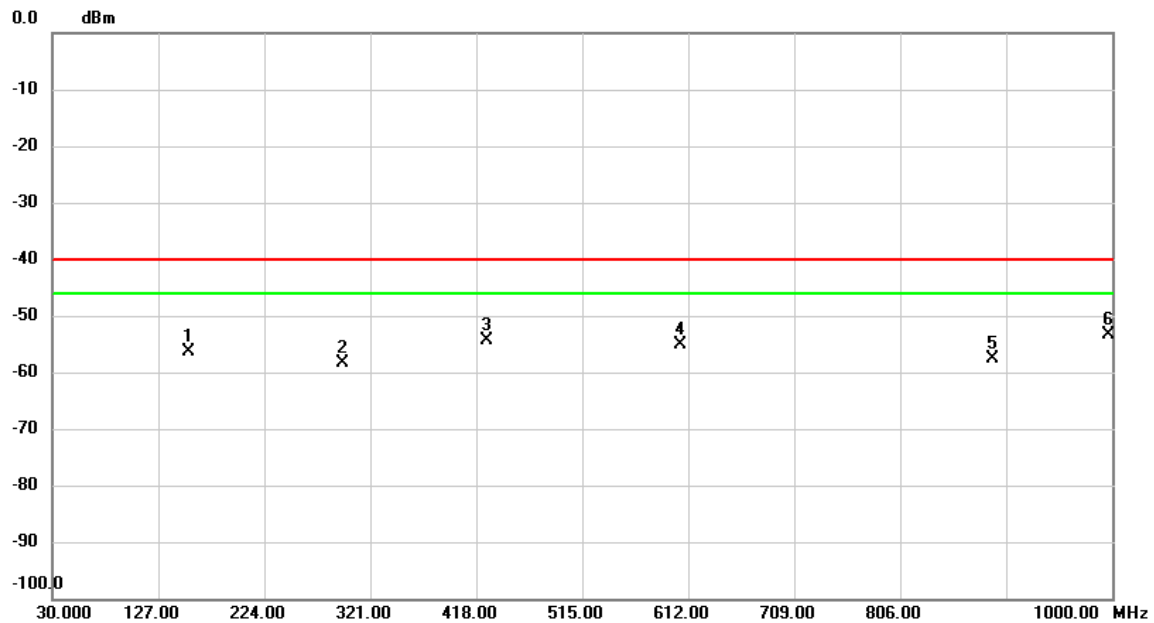


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	21750.00	-56.09	2.15	-53.94	-13.00	-40.94	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Vertical
Temp	25°C	Hum.	56 %



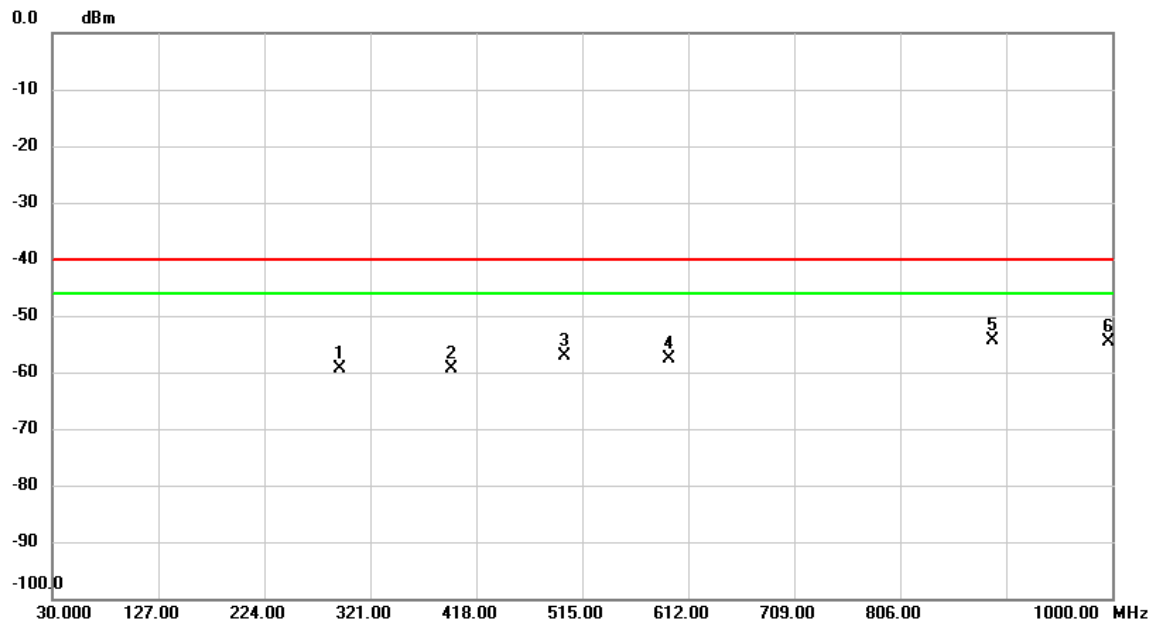
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1		154.4832	-53.94	-2.47	-56.41	-40.00	-16.41	peak	
2		295.2626	-55.10	-3.34	-58.44	-40.00	-18.44	peak	
3		427.3443	-52.57	-1.75	-54.32	-40.00	-14.32	peak	
4		605.1130	-58.28	3.27	-55.01	-40.00	-15.01	peak	
5		890.9396	-64.09	6.38	-57.71	-40.00	-17.71	peak	
6	*	997.2193	-60.81	7.38	-53.43	-40.00	-13.43	peak	

REMARKS:

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

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Horizontal
Temp	25°C	Hum.	56 %



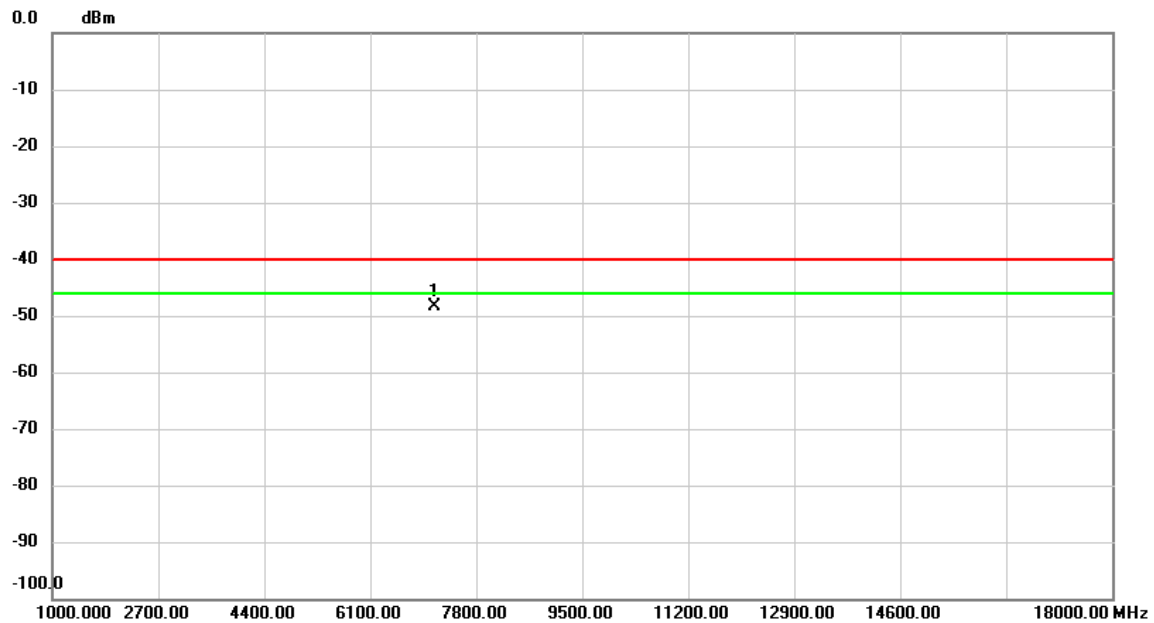
No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measurement dBm	Limit dBm	Margin dB	Detector	Comment
1		293.1933	-52.99	-6.45	-59.44	-40.00	-19.44	peak	
2		395.9486	-56.81	-2.50	-59.31	-40.00	-19.31	peak	
3		498.3160	-55.69	-1.49	-57.18	-40.00	-17.18	peak	
4		594.0227	-57.65	0.12	-57.53	-40.00	-17.53	peak	
5	*	890.9720	-59.10	4.73	-54.37	-40.00	-14.37	peak	
6		997.1870	-60.85	6.15	-54.70	-40.00	-14.70	peak	

REMARKS:

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

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Low CH	Polarization	Vertical
Temp	25°C	Hum.	56 %

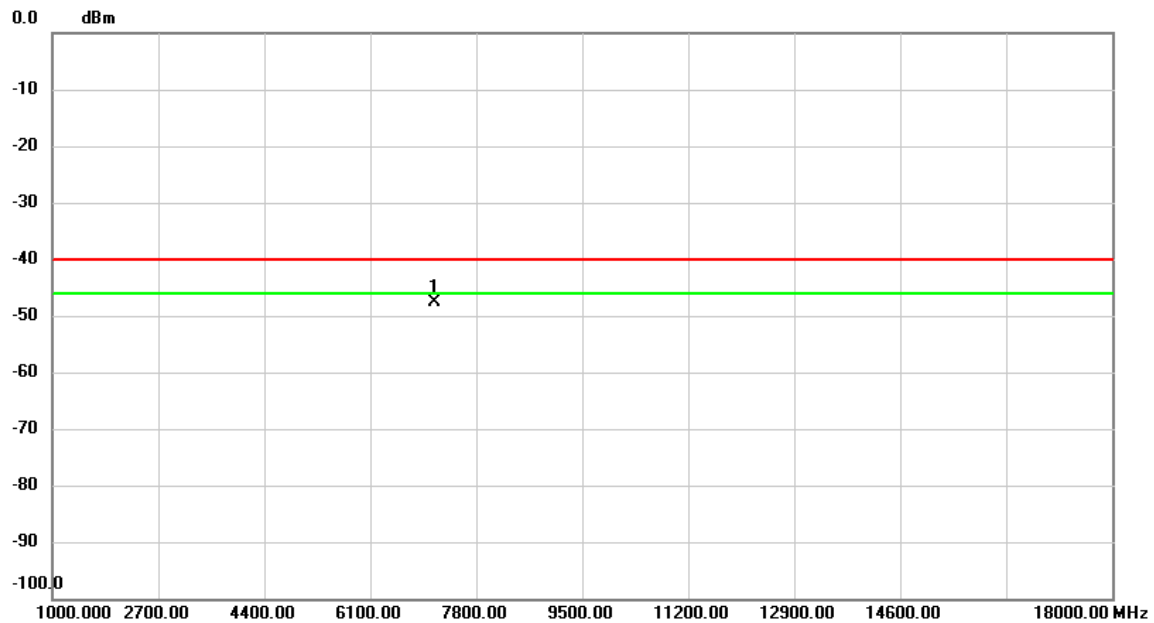


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7120.000	-66.58	18.24	-48.34	-40.00	-8.34	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Low CH	Polarization	Horizontal
Temp	25°C	Hum.	56 %

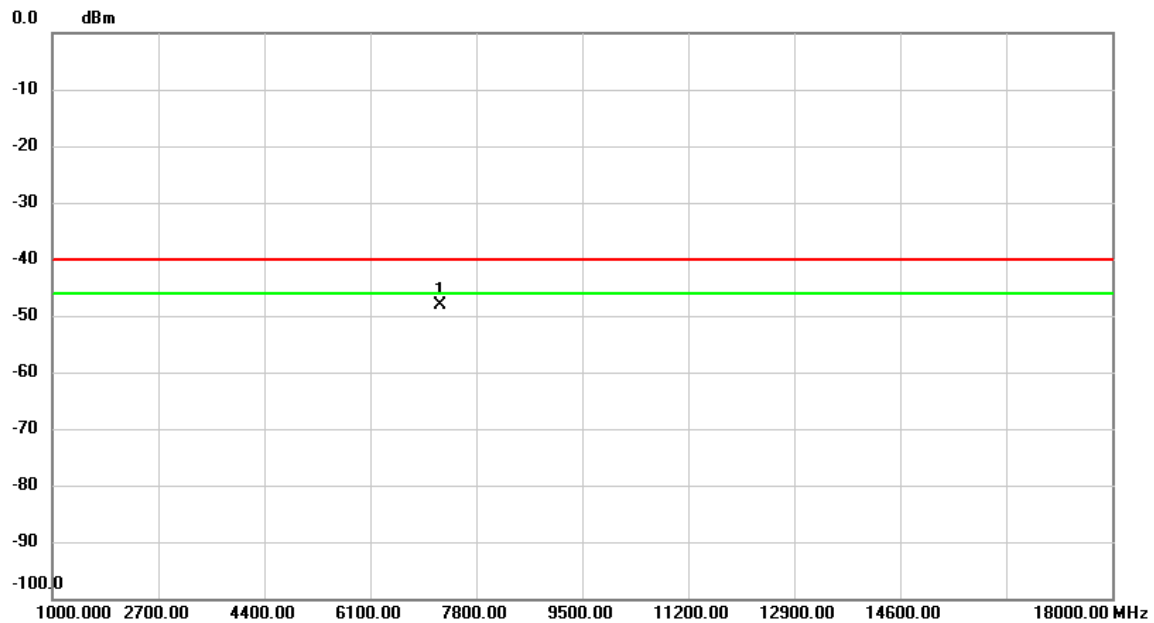


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7120.000	-65.66	18.15	-47.51	-40.00	-7.51	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Vertical
Temp	25°C	Hum.	56 %

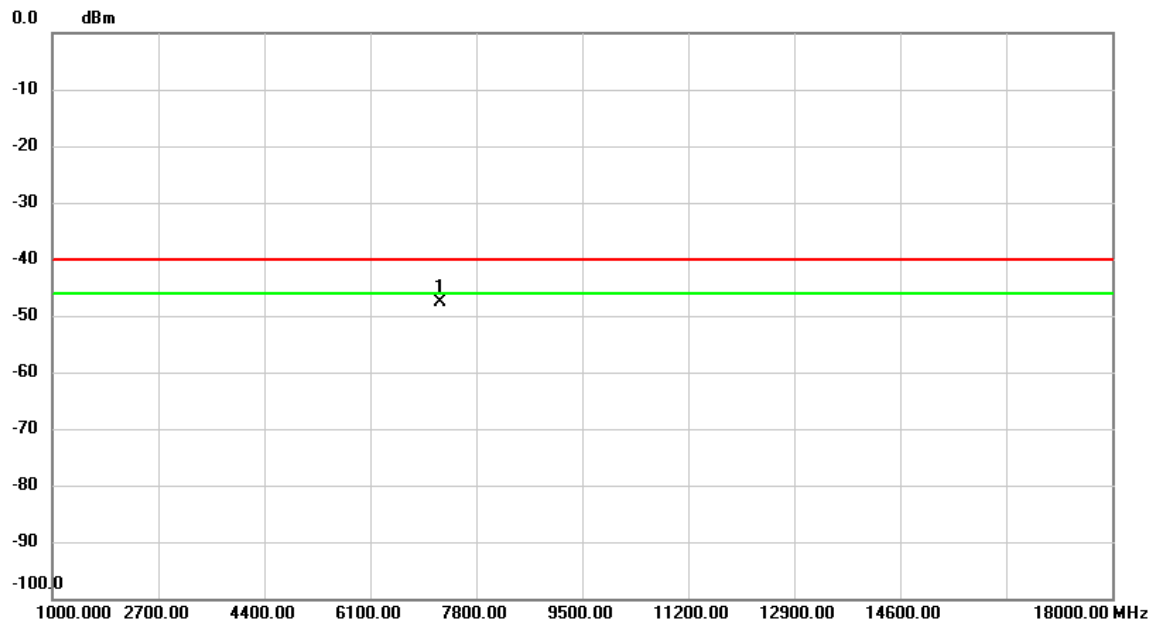


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7230.000	-66.06	17.86	-48.20	-40.00	-8.20	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Horizontal
Temp	25°C	Hum.	56 %

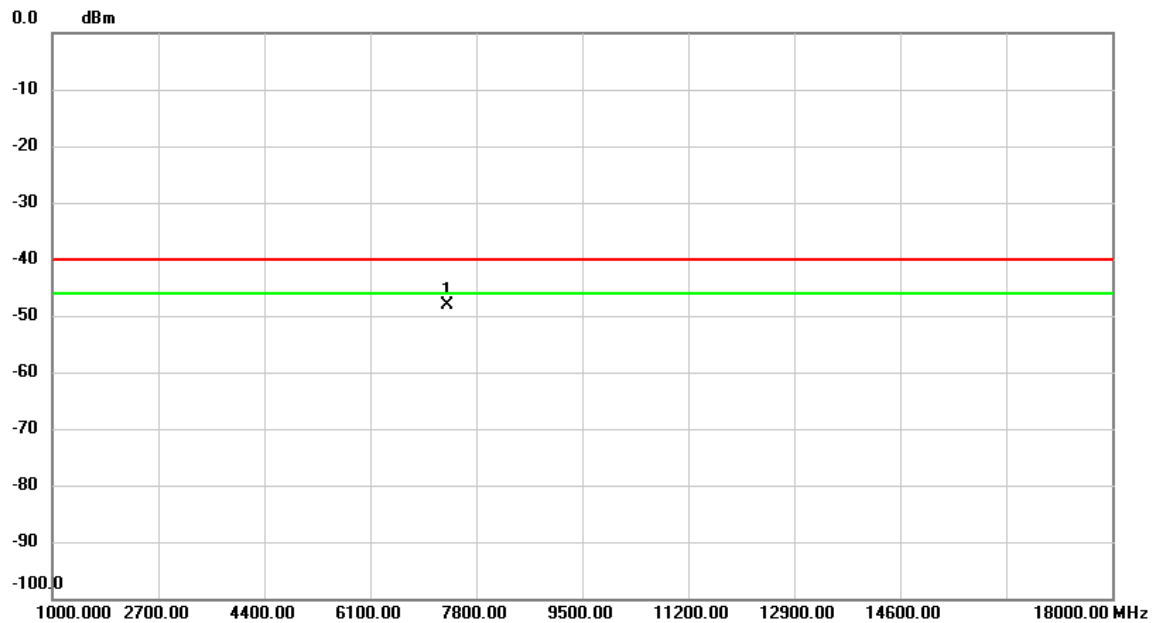


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7230.000	-65.05	17.55	-47.50	-40.00	-7.50	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	High CH	Polarization	Vertical
Temp	25°C	Hum.	56 %

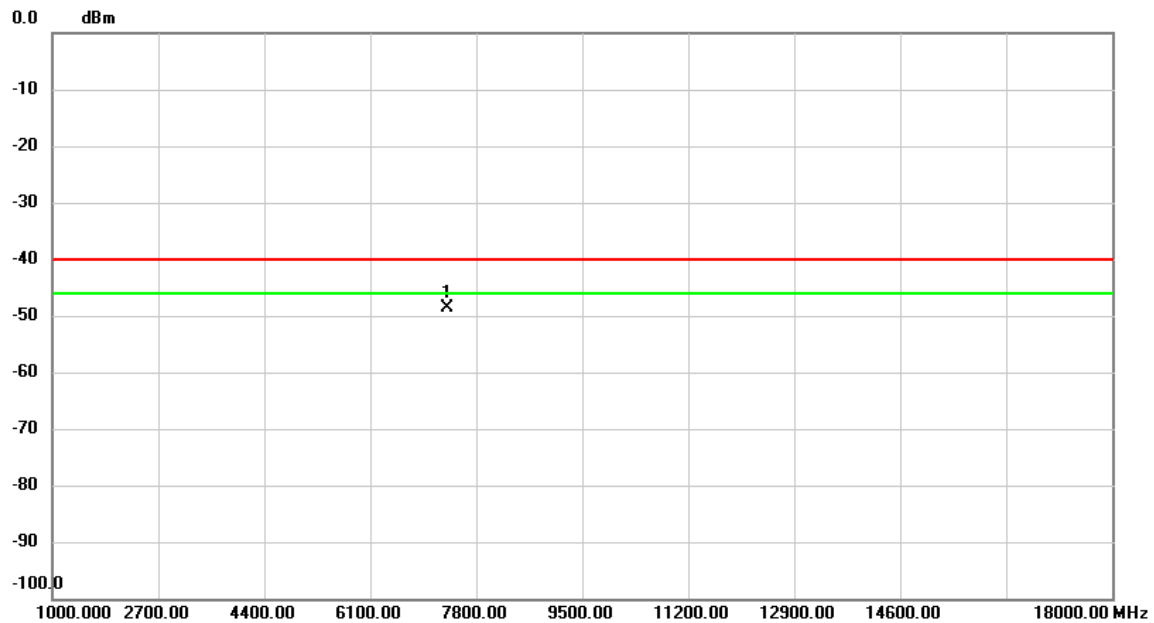


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7340.000	-65.68	17.66	-48.02	-40.00	-8.02	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	High CH	Polarization	Horizontal
Temp	25°C	Hum.	56 %

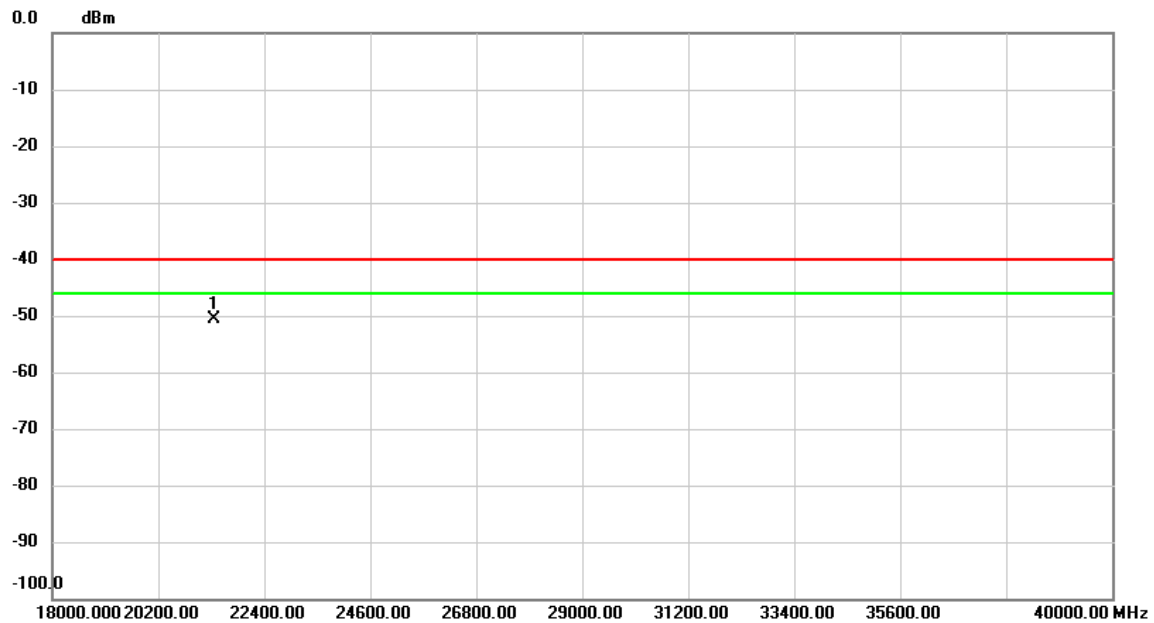


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	7340.000	-66.07	17.45	-48.62	-40.00	-8.62	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Vertical
Temp	25°C	Hum.	63 %

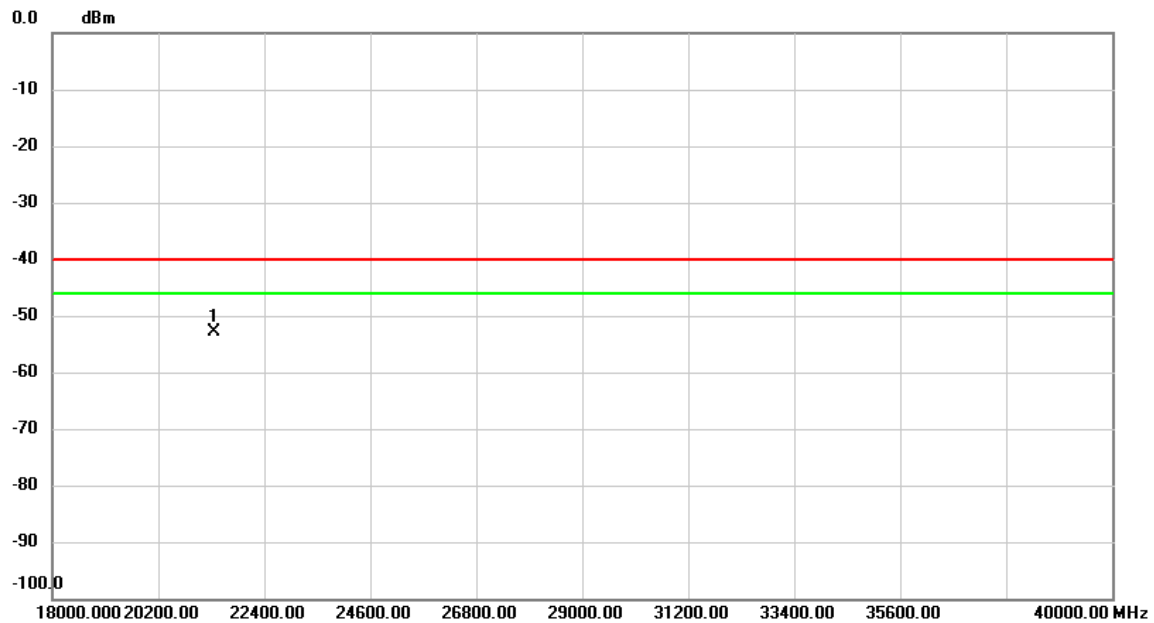


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	21360.00	-53.72	3.12	-50.60	-40.00	-10.60	peak	

REMARKS:

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

Test Mode	LTE Band CA_48C	Test Date	2026/5/13
Test Channel	Mid CH	Polarization	Horizontal
Temp	25°C	Hum.	63 %



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBm	dB	dBm	dBm	dB		
1	*	21360.00	-54.79	1.88	-52.91	-40.00	-12.91	peak	

REMARKS:

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

End of Test Report