FCC Radio Test Report

FCC ID: 2AX2URW350RGLL

Report No.	:	BTL-FCCP-6-2504T032
Equipment	:	5G module
Model Name	:	RW350R-GL
Brand Name	:	Rolling Wireless
Applicant	:	Rolling Wireless S.a r.l.
Address	:	8-10, rue Mathias Hardt 1717, Ville-Haute Luxembourg
Radio Function	:	LTE Band 42, 43, 48
FCC Rule Part(s)	:	FCC CFR Title 47, Part 96
Date of Receipt	:	2025/4/8
Date of Test	:	2025/4/28 ~ 2025/6/2
Issued Date	:	2025/6/18

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, Supervisor

Testing Laboratory
0659

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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** 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

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-6-2504T032	R00	Original Report.	2025/6/18	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	Effective 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: 2AX2URW350RGLL) to be incorporated to the host device (Model number: TP00167A), Product name: Notebook Computer).
Since the RF module has been certificated, after evaluation, above test items were criticized and reconfirmed in this report.
(4) After spot check, this revision does not change original radio parameters.

1.1 REFERENCE TEST GUIDANCE

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

1.2 TEST FACILITY

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

1.3 MEASUREMENT UNCERTAINTY

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

A. Radiated emissions test :

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

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

1.4 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
Effective Isotropic Radiated Power	23 °C, 58 %	AC 120V	Easton Tsai
Radiated Spurious Emissions	Refer to data	AC 120V	Mark Wang

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	5G module			
Model Name	RW350R-GL			
Brand Name	Rolling Wireless			
Model Difference	N/A			
Power Source	Supplied from host system.			
Power Rating	3.3 Vdc			
Host device information				
Equipment	Notebook Computer			
Model Name	TP00167A			
Brand Name	Lenovo			
Model Difference	N/A			
Power Source	DC voltage supplied from External Power Supply. (Lenovo / ADL180YGSLC3A, ADL180YGSAC3A, ADL180YGSHC3A)			
Power Rating	Model: ADL180YGSLC3A Input: 100-240V~ 3.0A 50-60Hz Output: 36.0VDC 5.0A 180W / 28.0VDC 5.0A / 20.0VDC 5.0A / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W Model: ADL180YGSAC3A Input: 100-240V~ 2.5A 50-60Hz Output: 36.0VDC 5.0A 180W / 28.0VDC 5.0A / 20.0VDC 5.0A / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W Model: ADL180YGSHC3A Input: 100-240V~ 2.5A 50-60Hz Output: 36.0VDC 5.0A 180W / 5.0VDC 3.0A 15.0W / 9.0VDC 3.0A 27.0W / 15.0VDC 3.0A 45.0W / 20.0VDC 5.0A 100.0W / 28.0VDC 5.0A 140.0W			
WIFI+BT Module	Intel® BE200NGW / BE200NGW			
WWAN Module	Rolling Wireless / RW350R-GL			
NFC Module	FOXCONN / T77H747			

Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)
	LTE 42	3550 ~ 3600	3550 ~ 3600
	LTE 43	3600 ~ 3700	3600 ~ 3700
	LTE 48	3550 ~ 3700	3550 ~ 3700

Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	LTE 42	5	QPSK	0.121
			16QAM	0.078
		10	QPSK	0.123
			16QAM	0.078
		15	QPSK	0.124
			16QAM	0.079
		20	QPSK	0.126
			16QAM	0.079
			64QAM	0.063
			256QAM	0.050
	LTE 43	5	QPSK	0.116
			16QAM	0.075
		10	QPSK	0.118
			16QAM	0.076
		15	QPSK	0.119
			16QAM	0.077

Maximum EIRP	LTE 43	20	QPSK	0.120
			16QAM	0.077
			64QAM	0.062
			256QAM	0.049
	LTE 48	5	QPSK	0.139
			16QAM	0.090
		10	QPSK	0.140
			16QAM	0.091
		15	QPSK	0.143
			16QAM	0.092
		20	QPSK	0.143
			16QAM	0.093
			64QAM	0.074
			256QAM	0.059
	LTE CA_42C	5+20	QPSK	0.112
			16QAM	0.091
		20+5	QPSK	0.114
			16QAM	0.096
		10+20	QPSK	0.112
			16QAM	0.092
		20+10	QPSK	0.118
			16QAM	0.090
		15+20	QPSK	0.124
			16QAM	0.094
		20+15	QPSK	0.110
			16QAM	0.105
		20+20	QPSK	0.118
			16QAM	0.096
			64QAM	0.058
			256QAM	0.039
	LTE CA_48C	5+20	QPSK	0.118
			16QAM	0.090
		20+5	QPSK	0.130
			16QAM	0.087
		10+20	QPSK	0.120
			16QAM	0.097
		20+10	QPSK	0.112
			16QAM	0.086
		15+20	QPSK	0.116
			16QAM	0.086
		20+15	QPSK	0.108
			16QAM	0.089
		20+20	QPSK	0.130
			16QAM	0.111
			64QAM	0.064
			256QAM	0.042
Test Model	RW350R-GL			
Sample Status	Engineering Sample			
EUT Modification(s)	N/A			

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

(2) Table for Filed Antenna:

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	Speedwire	DC330027Q10	PIFA	I-PEX	0.02	LTE Band 42
					0.02	LTE Band 43
					0.31	LTE Band 48
Aux	Speedwire	DC330027Q10	PIFA	I-PEX	-	RX only
MIMO1	Speedwire	DC330027Q10	PIFA	I-PEX	-	RX only
MIMO2	Speedwire	DC330027Q10	PIFA	I-PEX	-1.56	LTE Band 42
					-0.50	LTE Band 43
					-0.50	LTE Band 48

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

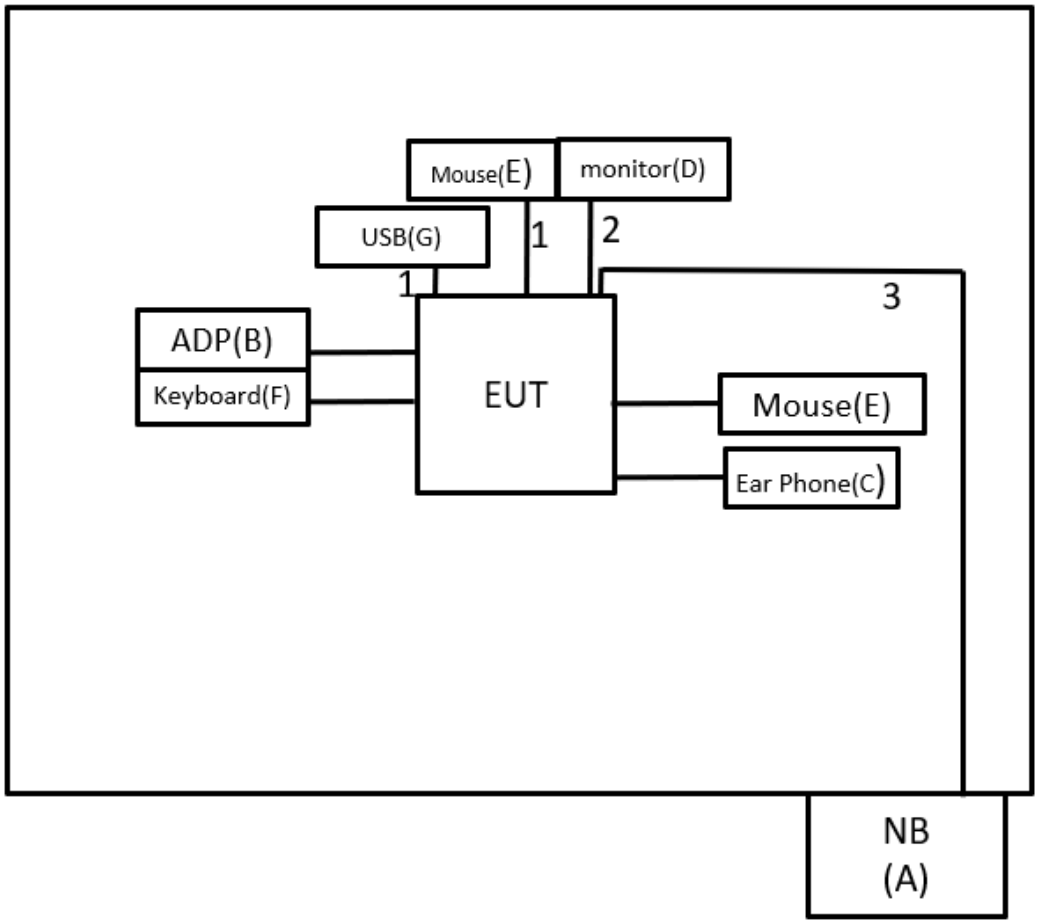
2.2 TEST MODES

Test Items	Band	Test Mode	Note
Effective Isotropic Radiated Power	LTE Band 42	Refer to APPENDIX A	-
	LTE Band 43		
	LTE Band 48		
	LTE Band CA_42C		
	LTE Band CA_48C		
Radiated Spurious Emissions (Below 1G)	LTE Band 43	Refer to APPENDIX B	-
	LTE Band 48		
	LTE Band CA_48A-66A		
	LTE Band CA_48C		
Radiated Spurious Emissions (Above 1G)	LTE Band 43	Refer to APPENDIX B	-
	LTE Band 48		
	LTE Band CA_48A-66A		
	LTE Band CA_48C		
Radiated Spurious Emissions (Above 18G)	LTE Band 43	Refer to APPENDIX B	-
	LTE Band 48		
	LTE Band CA_48A-66A		

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	NB	HP	TPN-I119	N/A	Furnished by test lab.
B	ADP	Lenovo	ADL180YGSHC 3A	N/A	Supplied by test requester.
C	Ear Phone	HTC	S260	N/A	Furnished by test lab.
D	27” 4K Monitor	DELL	P2415Q	N/A	Furnished by test lab.
E	Mouse	Lenovo	SM-8823	N/A	Furnished by test lab.
F	Keyboard	Bloody	KB-8	N/A	Furnished by test lab.
G	USB	ADATA	UV150	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.1m	USB-C to USB 3.0 CABLE	Furnished by test lab.
2	N/A	N/A	1.8m	HDMI	Furnished by test lab.
3	N/A	N/A	10m	RJ45 Cable	Furnished by test lab.

3 EFFECTIVE 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.

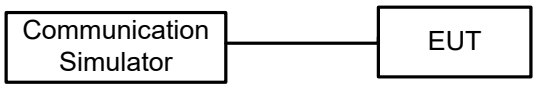
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP

Conducted Measurement:



3.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED SPURIOUS EMISSIONS MEASUREMENT

4.1 LIMIT

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

NOTE:
(1) The 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.

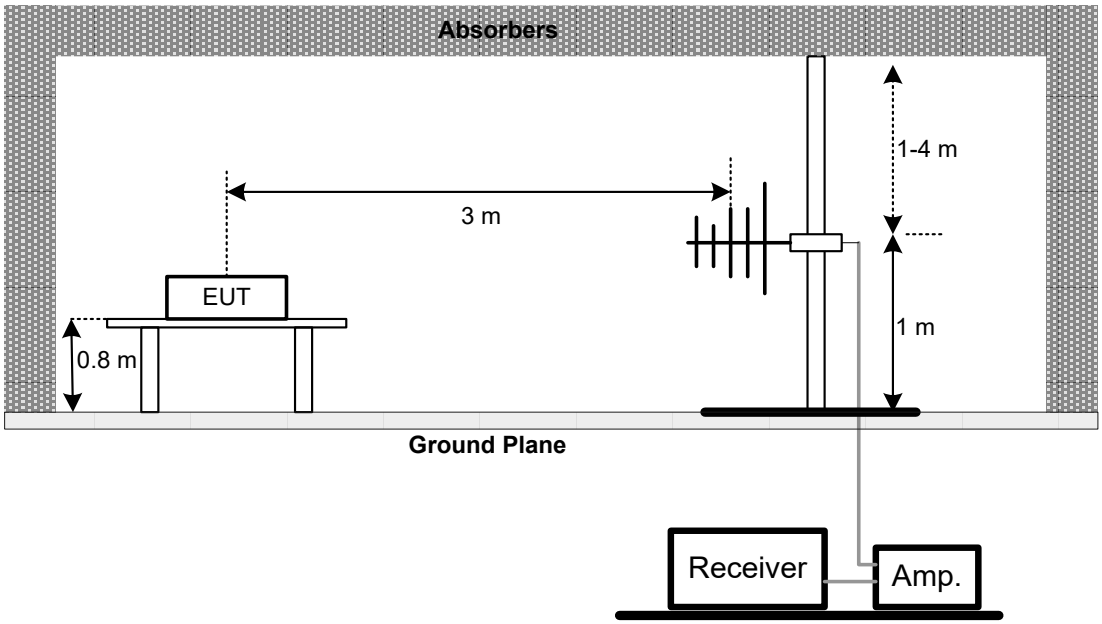
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from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

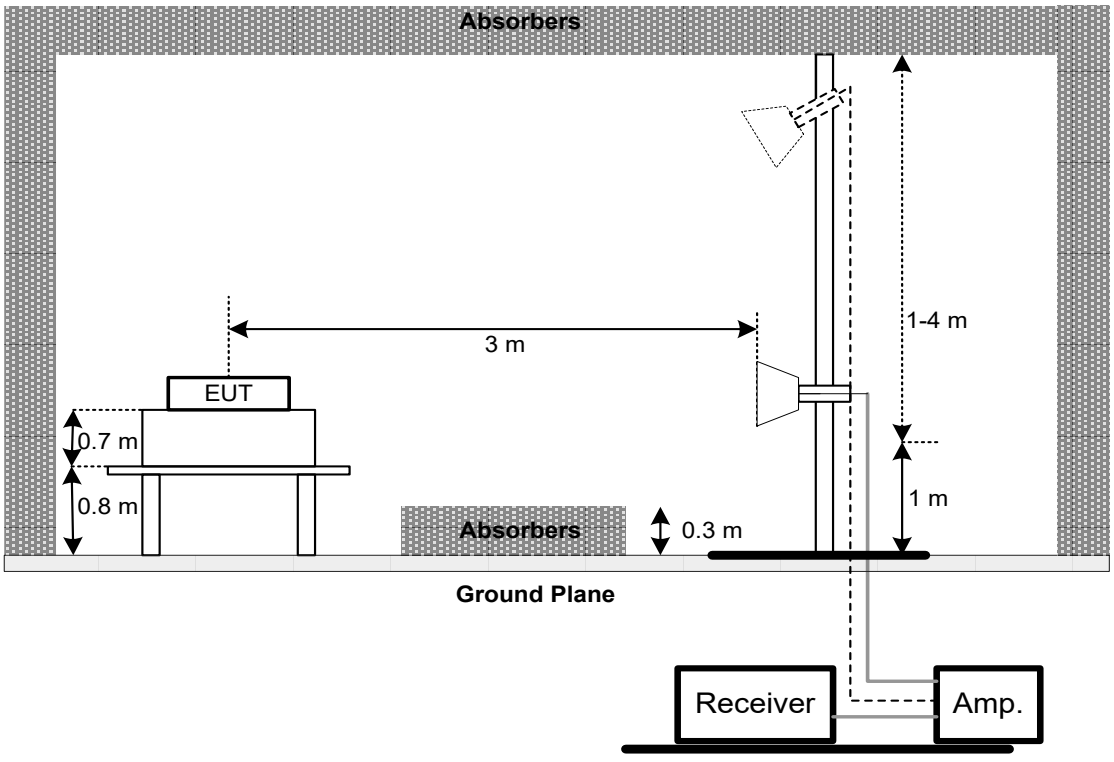
No deviation.

4.4 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX B.

5 LIST OF MEASURING EQUIPMENTS

Effective Isotropic Radiated Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	WIRELESS COMMUNICATIO N TEST SET	Agilent	E5515C	GB47390193	2024/7/7	2025/7/6
2	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2024/11/19	2025/11/18
3	Radio Communication Analyzer	ANRITSU	MT8000A	6262036844	2024/11/20	2025/11/19

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2024/9/5	2025/9/4
2	Preamplifier	EMCI	EMC118A45SE	980819	2025/3/5	2026/3/4
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2024/9/4	2025/9/3
4	Preamplifier	EMCI	EMC001340	980579	2024/9/4	2025/9/3
5	Test Cable	EMCI	EMC104-SM-100 0	180809	2025/3/5	2026/3/4
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2025/3/5	2026/3/4
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2025/3/5	2026/3/4
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2025/2/19	2026/2/18
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2024/9/9	2025/9/8
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
					2025/5/9	2026/5/8
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2024/5/17	2025/5/16
					2025/5/15	2026/5/14
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2024/6/14	2025/6/13
14	Test Cable	EMCI	EMC101G-KM-K M-3000	220329	2025/3/12	2026/3/11
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2025/3/12	2026/3/11
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A
17	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2024/11/19	2025/11/18

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-2504T032-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2504T032-1 (APPENDIX-EUT PHOTOS).

APPENDIX A EQUIVALENT ISOTROPIC RADIATED POWER

LTE Band 42 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
42	5	43115	3552.5	QPSK	1	0	0	20.77	20.79	0.120
				16QAM	1	0	2	18.80	18.82	0.076
		43340	3575	QPSK	1	0	0	20.80	20.82	0.121
				16QAM	1	0	2	18.88	18.90	0.078
		43565	3597.5	QPSK	1	0	0	20.61	20.63	0.115
				16QAM	1	0	2	18.70	18.72	0.074
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42	10	43140	3555	QPSK	1	0	0	20.81	20.83	0.121
				16QAM	1	0	2	18.85	18.87	0.077
		43340	3575	QPSK	1	0	0	20.88	20.90	0.123
				16QAM	1	0	2	18.90	18.92	0.078
		43540	3595	QPSK	1	0	0	20.64	20.66	0.116
				16QAM	1	0	2	18.74	18.76	0.075
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42	15	43165	3557.5	QPSK	1	0	0	20.90	20.92	0.124
				16QAM	1	0	2	18.90	18.92	0.078
		43340	3575	QPSK	1	0	0	20.90	20.92	0.124
				16QAM	1	0	2	18.94	18.96	0.079
		43515	3592.5	QPSK	1	0	0	20.70	20.72	0.118
				16QAM	1	0	2	18.77	18.79	0.076
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42	20	43190	3560	QPSK	1	0	0	20.94	20.96	0.125
					1	49	0	20.83	20.85	0.122
					1	99	0	20.86	20.88	0.122
					50	0	1	19.94	19.96	0.099
					50	24	1	19.92	19.94	0.099
					50	50	1	19.91	19.93	0.098
					100	0	1	19.99	20.01	0.100
				16QAM	1	0	2	18.96	18.98	0.079
				64QAM	1	0	3	17.98	18.00	0.063
				256QAM	1	0	4	16.96	16.98	0.050
		43340	3575	QPSK	1	0	0	20.99	21.01	0.126
					1	49	0	20.87	20.89	0.123
					1	99	0	20.85	20.87	0.122
					50	0	1	19.95	19.97	0.099
					50	24	1	19.81	19.83	0.096
					50	50	1	19.65	19.67	0.093
					100	0	1	19.94	19.96	0.099
				16QAM	1	0	2	18.97	18.99	0.079
				64QAM	1	0	3	17.96	17.98	0.063
				256QAM	1	0	4	16.92	16.94	0.049
		43490	3590	QPSK	1	0	0	20.79	20.81	0.121
					1	49	0	20.77	20.79	0.120
					1	99	0	20.62	20.64	0.116
					50	0	1	19.93	19.95	0.099
					50	24	1	19.79	19.81	0.096
					50	50	1	19.69	19.71	0.094
					100	0	1	19.85	19.87	0.097
				16QAM	1	0	2	18.85	18.87	0.077
				64QAM	1	0	3	17.91	17.93	0.062
				256QAM	1	0	4	16.93	16.95	0.050

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

LTE Band 43 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
43	5	43615	3602.5	QPSK	1	0	0	20.44	20.46	0.111
				16QAM	1	0	2	18.63	18.65	0.073
		44090	3650	QPSK	1	0	0	20.63	20.65	0.116
				16QAM	1	0	2	18.73	18.75	0.075
		44565	3697.5	QPSK	1	0	0	20.52	20.54	0.113
				16QAM	1	0	2	18.60	18.62	0.073
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
43	10	43640	3605	QPSK	1	0	0	20.51	20.53	0.113
				16QAM	1	0	2	18.69	18.71	0.074
		44090	3650	QPSK	1	0	0	20.69	20.71	0.118
				16QAM	1	0	2	18.80	18.82	0.076
		44540	3695	QPSK	1	0	0	20.54	20.56	0.114
				16QAM	1	0	2	18.67	18.69	0.074
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
43	15	43665	3607.5	QPSK	1	0	0	20.58	20.60	0.115
				16QAM	1	0	2	18.75	18.77	0.075
		44090	3650	QPSK	1	0	0	20.73	20.75	0.119
				16QAM	1	0	2	18.83	18.85	0.077
		44515	3692.5	QPSK	1	0	0	20.62	20.64	0.116
				16QAM	1	0	2	18.72	18.74	0.075
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
43	20	43690	3610	QPSK	1	0	0	20.71	20.73	0.118
					1	49	0	20.65	20.67	0.117
					1	99	0	20.68	20.70	0.117
					50	0	1	19.74	19.76	0.095
					50	24	1	19.73	19.75	0.094
					50	50	1	19.73	19.75	0.094
					100	0	1	19.76	19.78	0.095
				16QAM	1	0	2	18.82	18.84	0.077
				64QAM	1	0	3	17.76	17.78	0.060
				256QAM	1	0	4	16.85	16.87	0.049
		44090	3650	QPSK	1	0	0	20.76	20.78	0.120
					1	49	0	20.73	20.75	0.119
					1	99	0	20.74	20.76	0.119
					50	0	1	19.86	19.88	0.097
					50	24	1	19.80	19.82	0.096
					50	50	1	19.85	19.87	0.097
					100	0	1	19.83	19.85	0.097
				16QAM	1	0	2	18.86	18.88	0.077
				64QAM	1	0	3	17.90	17.92	0.062
				256QAM	1	0	4	16.81	16.83	0.048
		44490	3690	QPSK	1	0	0	20.66	20.68	0.117
					1	49	0	20.61	20.63	0.116
					1	99	0	20.53	20.55	0.114
					50	0	1	19.81	19.83	0.096
					50	24	1	19.73	19.75	0.094
					50	50	1	19.62	19.64	0.092
					100	0	1	19.78	19.80	0.096
				16QAM	1	0	2	18.81	18.83	0.076
				64QAM	1	0	3	17.77	17.79	0.060
				256QAM	1	0	4	16.79	16.81	0.048

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

LTE Band 48 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
48	5	55265	3552.5	QPSK	1	0	0	20.97	21.28	0.134
				16QAM	1	0	2	19.16	19.47	0.089
		55990	3625	QPSK	1	0	0	21.13	21.44	0.139
				16QAM	1	0	2	19.23	19.54	0.090
		56715	3697.5	QPSK	1	0	0	20.76	21.07	0.128
				16QAM	1	0	2	18.77	19.08	0.081
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	10	55290	3555	QPSK	1	0	0	21.05	21.36	0.137
				16QAM	1	0	2	19.18	19.49	0.089
		55990	3625	QPSK	1	0	0	21.17	21.48	0.140
				16QAM	1	0	2	19.26	19.57	0.091
		56690	3695	QPSK	1	0	0	20.80	21.11	0.129
				16QAM	1	0	2	18.86	19.17	0.083
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	15	55315	3557.5	QPSK	1	0	0	21.12	21.43	0.139
				16QAM	1	0	2	19.21	19.52	0.090
		55990	3625	QPSK	1	0	0	21.24	21.55	0.143
				16QAM	1	0	2	19.32	19.63	0.092
		56665	3692.5	QPSK	1	0	0	20.83	21.14	0.130
				16QAM	1	0	2	18.87	19.18	0.083
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48	20	55340	3560	QPSK	1	0	0	21.23	21.54	0.143
					1	49	0	21.14	21.45	0.140
					1	99	0	21.09	21.40	0.138
					50	0	1	20.26	20.57	0.114
					50	24	1	20.22	20.53	0.113
					50	50	1	20.14	20.45	0.111
					100	0	1	20.28	20.59	0.114
				16QAM	1	0	2	19.34	19.65	0.092
				64QAM	1	0	3	18.28	18.59	0.072
				256QAM	1	0	4	17.37	17.68	0.059
		55990	3625	QPSK	1	0	0	21.25	21.56	0.143
					1	49	0	21.08	21.39	0.138
					1	99	0	20.93	21.24	0.133
					50	0	1	20.35	20.66	0.117
					50	24	1	20.36	20.67	0.117
					50	50	1	20.05	20.36	0.109
					100	0	1	20.32	20.63	0.116
				16QAM	1	0	2	19.35	19.66	0.093
				64QAM	1	0	3	18.39	18.70	0.074
				256QAM	1	0	4	17.30	17.61	0.058
		56640	3690	QPSK	1	0	0	20.93	21.24	0.133
					1	49	0	20.90	21.21	0.132
					1	99	0	20.79	21.10	0.129
					50	0	1	20.33	20.64	0.116
					50	24	1	20.17	20.48	0.112
					50	50	1	20.21	20.52	0.113
					100	0	1	20.05	20.36	0.109
				16QAM	1	0	2	18.98	19.29	0.085
				64QAM	1	0	3	18.02	18.33	0.068
				256QAM	1	0	4	17.01	17.32	0.054

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

LTE Band CA_42C Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	5 + 20	43115 43232	3552.5 3564.2	QPSK	1	24	1	0	1	20.49	20.51	0.112
		43373 43490	3578.3 3590.0	16QAM	1	24	1	0	2	19.57	19.59	0.091
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	20 + 5	43190 43307	3560.0 3571.7	QPSK	1	99	1	0	1	20.55	20.57	0.114
		43448 43565	3585.8 3597.5	16QAM	1	99	1	0	2	19.82	19.84	0.096
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	10 + 20	43140 43284	3555.0 3569.4	QPSK	1	49	1	0	1	20.49	20.51	0.112
		43346 43490	3575.6 3590.0	16QAM	1	49	1	0	2	19.60	19.62	0.092
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	20 + 10	43190 43334	3560.0 3574.4	QPSK	1	99	1	0	1	20.71	20.73	0.118
		43396 43540	3580.6 3595.0	16QAM	1	99	1	0	2	19.51	19.53	0.090
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	15 + 20	43165 43336	3557.5 3574.6	QPSK	1	74	1	0	1	20.91	20.93	0.124
		43319 43490	3572.9 3590.0	16QAM	1	74	1	0	2	19.73	19.75	0.094
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	20 + 15	43190 43361	3560.0 3577.1	QPSK	1	99	1	0	1	20.39	20.41	0.110
		43344 43515	3575.4 3592.5	16QAM	1	99	1	0	2	20.19	20.21	0.105
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
42C	20 + 20	43190 43388	3560.0 3579.8	QPSK	1	99	1	0	1	20.70	20.72	0.118
				16QAM	1	99	1	0	2	19.27	19.29	0.085
				64QAM	1	99	1	0	3	17.36	17.38	0.055
				256QAM	1	99	1	0	4	15.39	15.41	0.035
		43292 43490	3570.2 3590.0	QPSK	1	99	1	0	1	20.37	20.39	0.109
				16QAM	1	99	1	0	2	19.81	19.83	0.096
				64QAM	1	99	1	0	3	17.60	17.62	0.058
				256QAM	1	99	1	0	4	15.47	15.49	0.035
		43340 43538	3575.0 3594.8	QPSK	1	99	1	0	1	20.55	20.57	0.114
				16QAM	1	99	1	0	2	19.22	19.24	0.084
				64QAM	1	99	1	0	3	17.47	17.49	0.056
				256QAM	1	99	1	0	4	15.91	15.93	0.039

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

LTE Band CA_48C Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	5 + 20	55273 55390	3553.3 3565	QPSK	1	24	1	0	1	20.41	20.72	0.118
				16QAM	1	24	1	0	2	19.24	19.55	0.090
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	20 + 5	55340 55457	3560 3571.7	QPSK	1	99	1	0	1	20.84	21.15	0.130
				16QAM	1	99	1	0	2	19.07	19.38	0.087
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	10 + 20	55295 55439	3555.5 3569.9	QPSK	1	49	1	0	1	20.47	20.78	0.120
				16QAM	1	49	1	0	2	19.58	19.89	0.097
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	20 + 10	55340 55484	3560 3574.4	QPSK	1	99	1	0	1	20.19	20.50	0.112
				16QAM	1	99	1	0	2	19.05	19.36	0.086
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	15 + 20	55318 55489	3557.8 3574.9	QPSK	1	74	1	0	1	20.35	20.66	0.116
				16QAM	1	74	1	0	2	19.02	19.33	0.086
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	20 + 15	55340 55511	3560 3577.1	QPSK	1	99	1	0	1	20.03	20.34	0.108
				16QAM	1	99	1	0	2	19.18	19.49	0.089
Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Offset	SCC UL RB Allocation	SCC UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
48C	20 + 20	55340 55538	3560 3579.8	QPSK	1	99	1	0	1	20.84	21.15	0.130
				16QAM	1	99	1	0	2	20.16	20.47	0.111
				64QAM	1	99	1	0	3	17.72	18.03	0.064
				256QAM	1	99	1	0	4	15.88	16.19	0.042
		55891 56089	3615.1 3634.9	QPSK	1	99	1	0	1	20.15	20.46	0.111
				16QAM	1	99	1	0	2	19.62	19.93	0.098
				64QAM	1	99	1	0	3	17.17	17.48	0.056
				256QAM	1	99	1	0	4	15.02	15.33	0.034
		56442 56640	3670.2 3690.0	QPSK	1	99	1	0	1	20.23	20.54	0.113
				16QAM	1	99	1	0	2	19.13	19.44	0.088
				64QAM	1	99	1	0	3	17.39	17.70	0.059
				256QAM	1	99	1	0	4	15.18	15.49	0.035

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

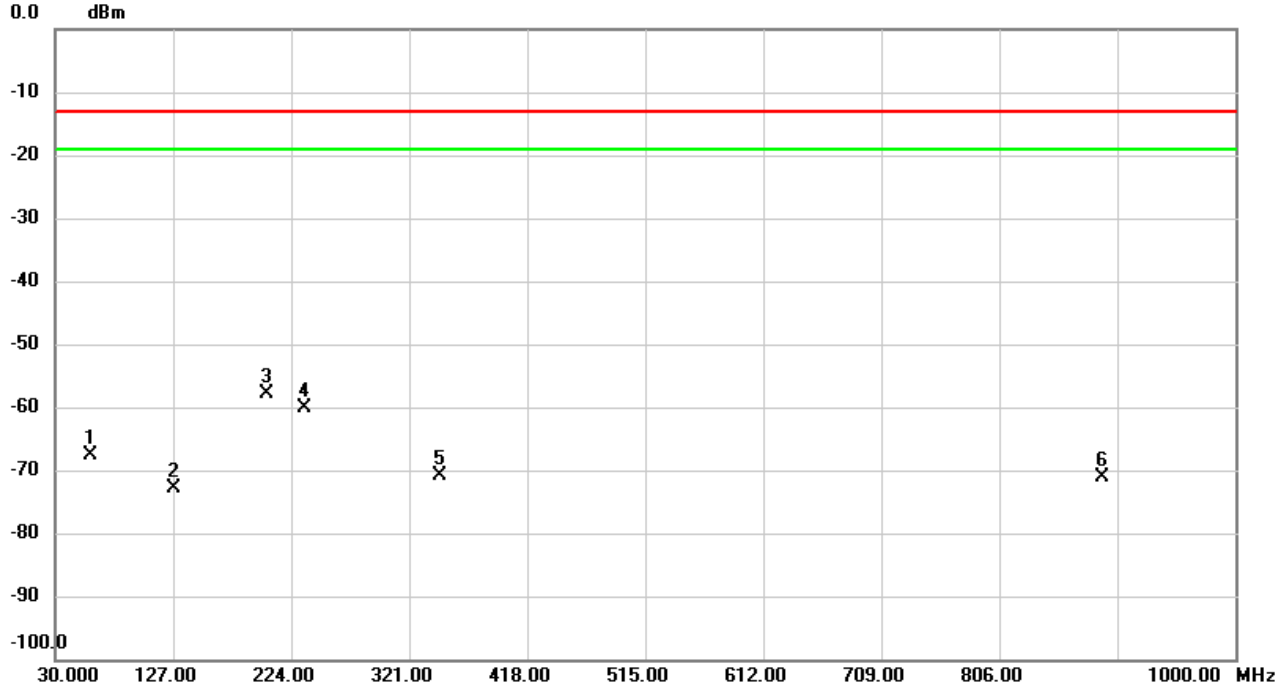
APPENDIX B RADIATED SPURIOUS EMISSIONS

Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Vertical
Temp	27°C	Hum.	61%

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		59.8760	-60.81	-7.75	-68.56	-13.00	-55.56	peak	
2	*	200.0410	-51.78	-3.38	-55.16	-13.00	-42.16	peak	
3		244.5963	-53.84	-2.64	-56.48	-13.00	-43.48	peak	
4		349.2593	-69.67	-2.90	-72.57	-13.00	-59.57	peak	
5		581.9300	-74.56	3.11	-71.45	-13.00	-58.45	peak	
6		899.4110	-76.59	6.65	-69.94	-13.00	-56.94	peak	

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

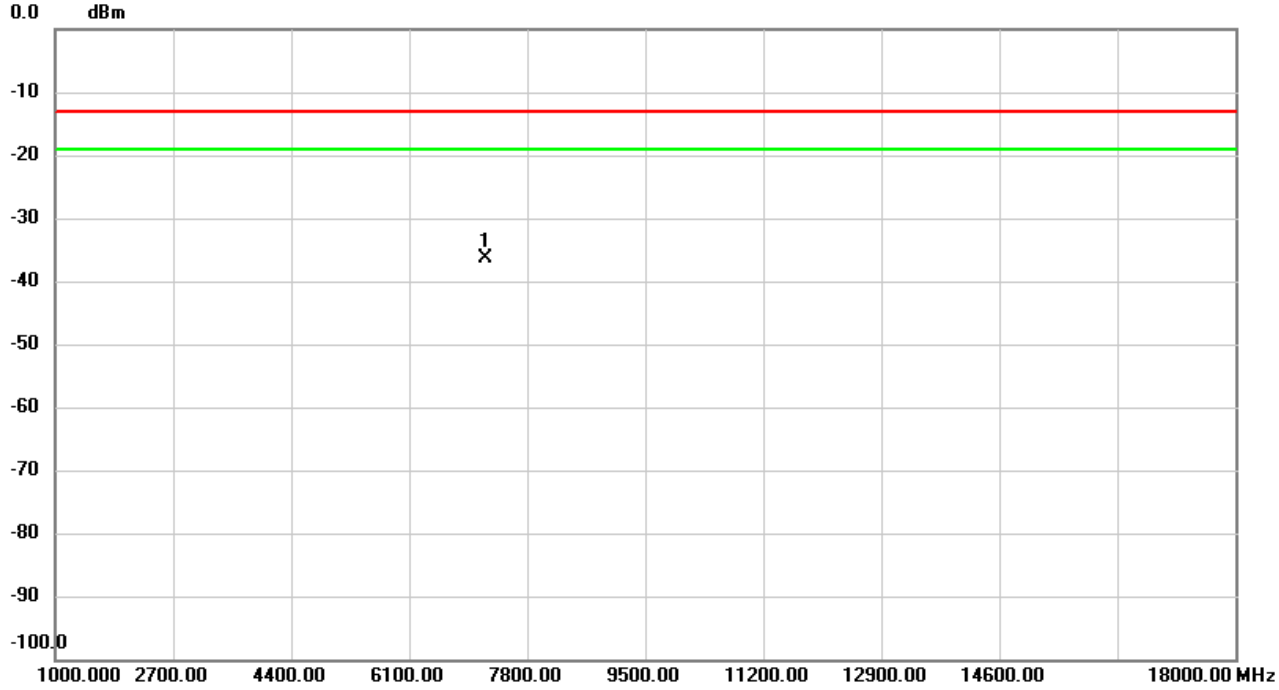
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		59.3587	-63.77	-3.87	-67.64	-13.00	-54.64	peak	
2		127.8730	-66.18	-6.75	-72.93	-13.00	-59.93	peak	
3	*	203.5330	-48.39	-9.57	-57.96	-13.00	-44.96	peak	
4		234.4113	-52.00	-8.08	-60.08	-13.00	-47.08	peak	
5		346.2523	-68.15	-2.82	-70.97	-13.00	-57.97	peak	
6		890.1637	-75.93	4.72	-71.21	-13.00	-58.21	peak	

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

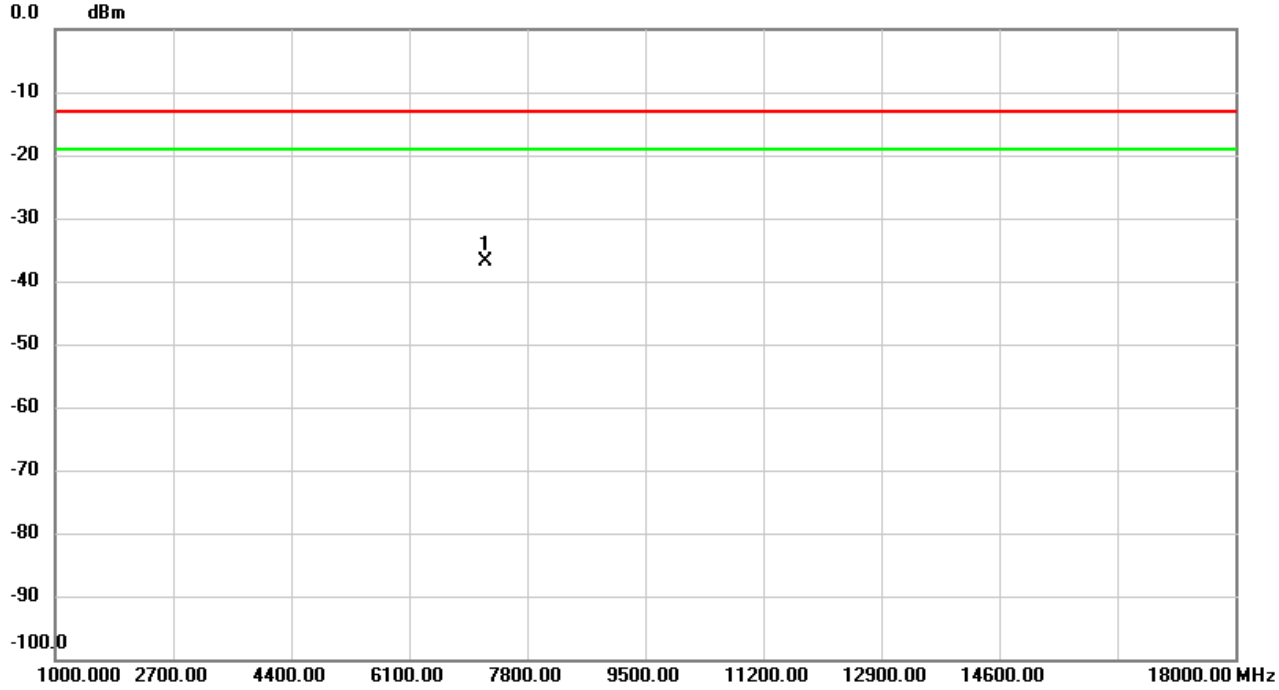
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH43690	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7202.167	-54.45	18.02	-36.43	-13.00	-23.43	peak	

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

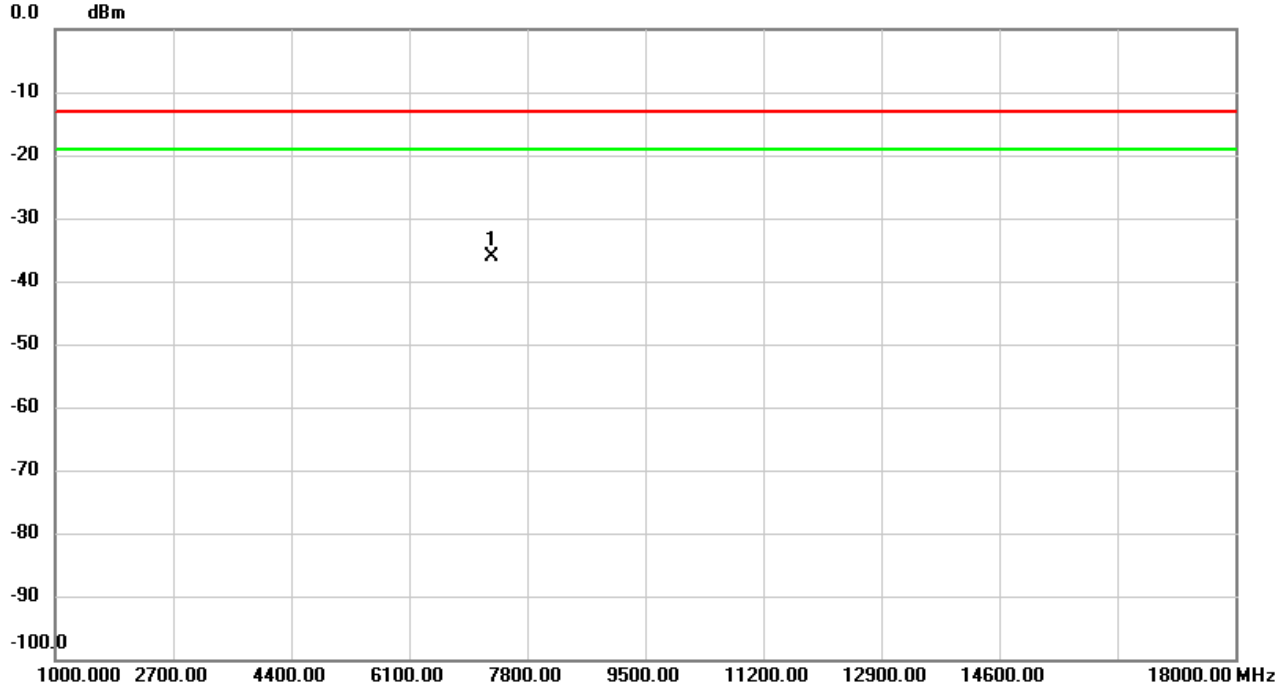
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH43690	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7202.167	-54.83	17.85	-36.98	-13.00	-23.98	peak	

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

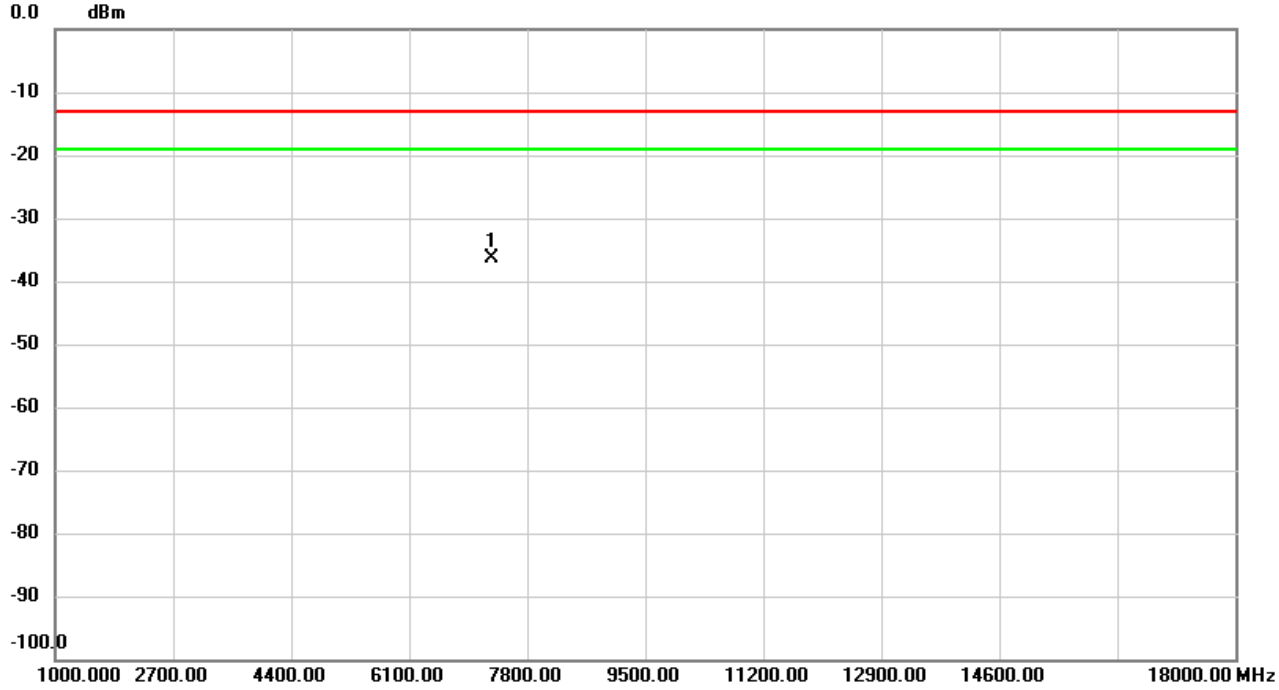
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7282.067	-54.05	17.85	-36.20	-13.00	-23.20	peak	

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

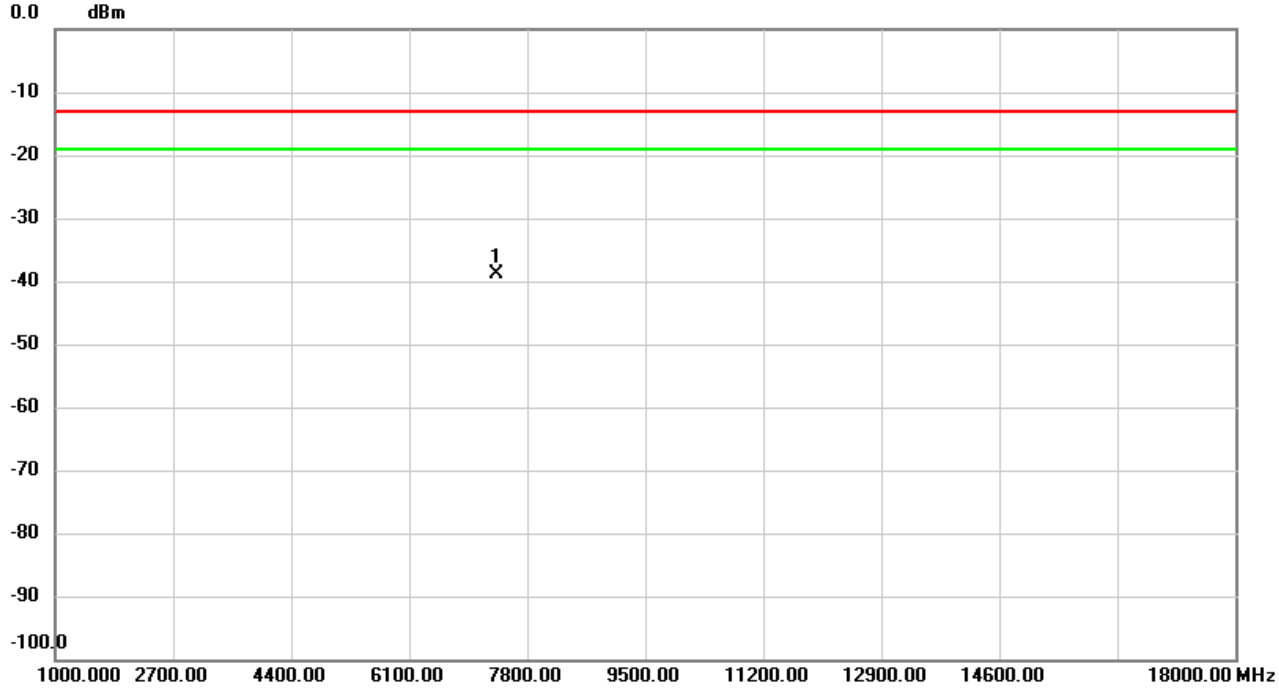
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7282.067	-54.25	17.79	-36.46	-13.00	-23.46	peak	

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

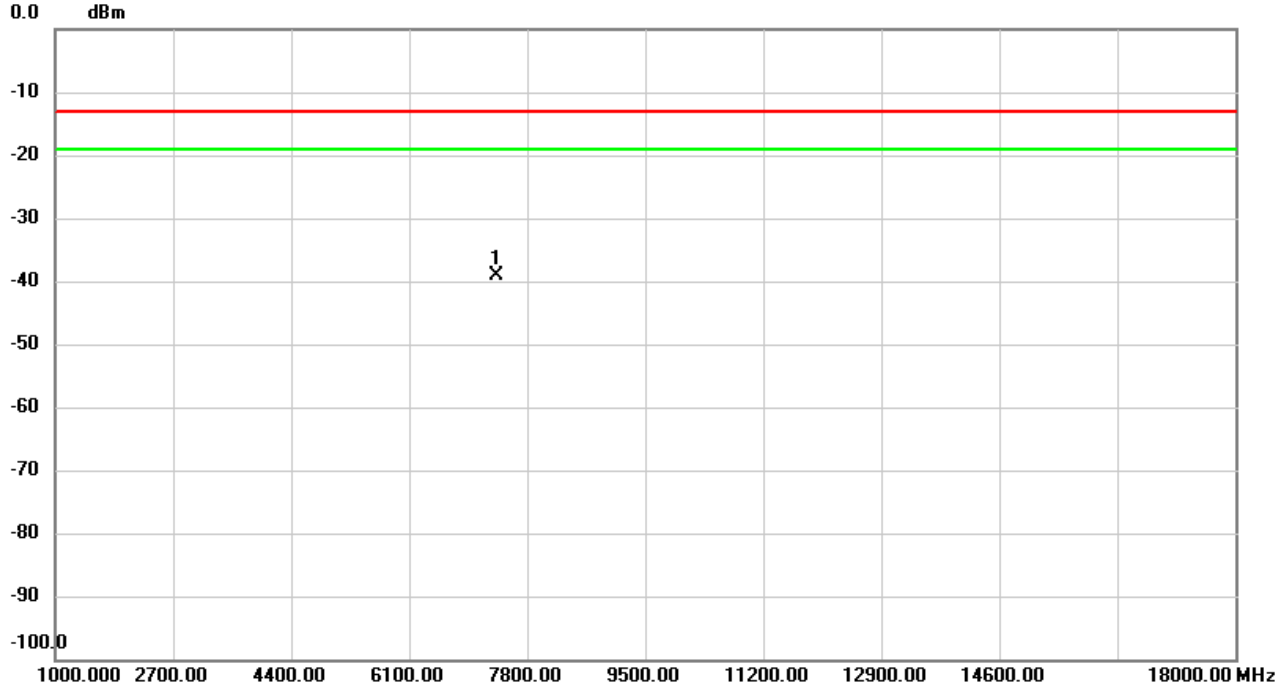
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44490	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7362.533	-56.51	17.72	-38.79	-13.00	-25.79	peak	

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

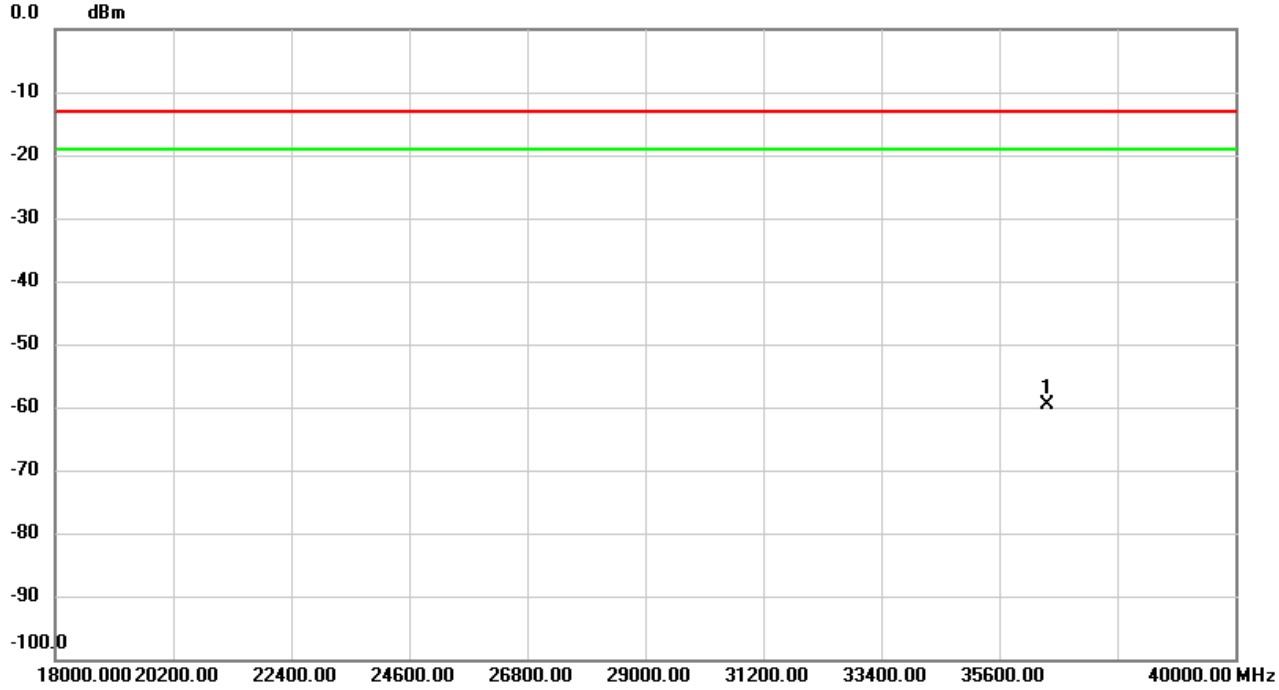
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44490	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7362.533	-56.67	17.51	-39.16	-13.00	-26.16	peak	

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

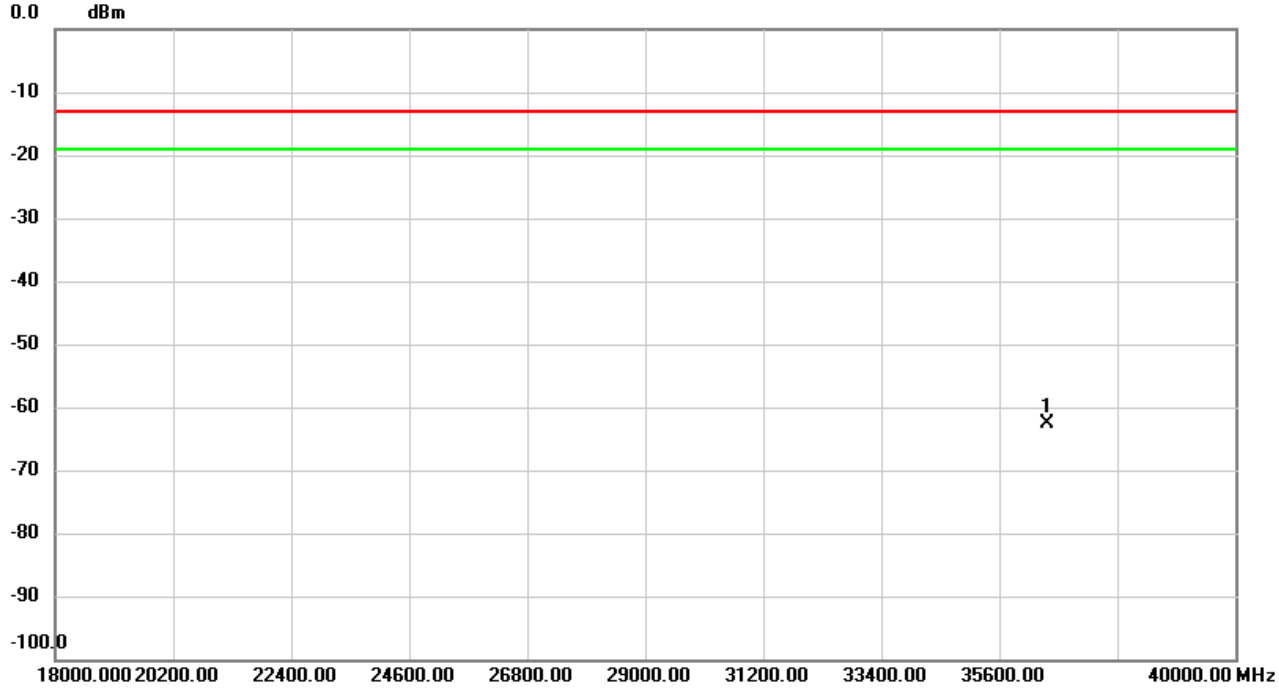
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36500.00	-54.21	-5.38	-59.59	-13.00	-46.59	peak	

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

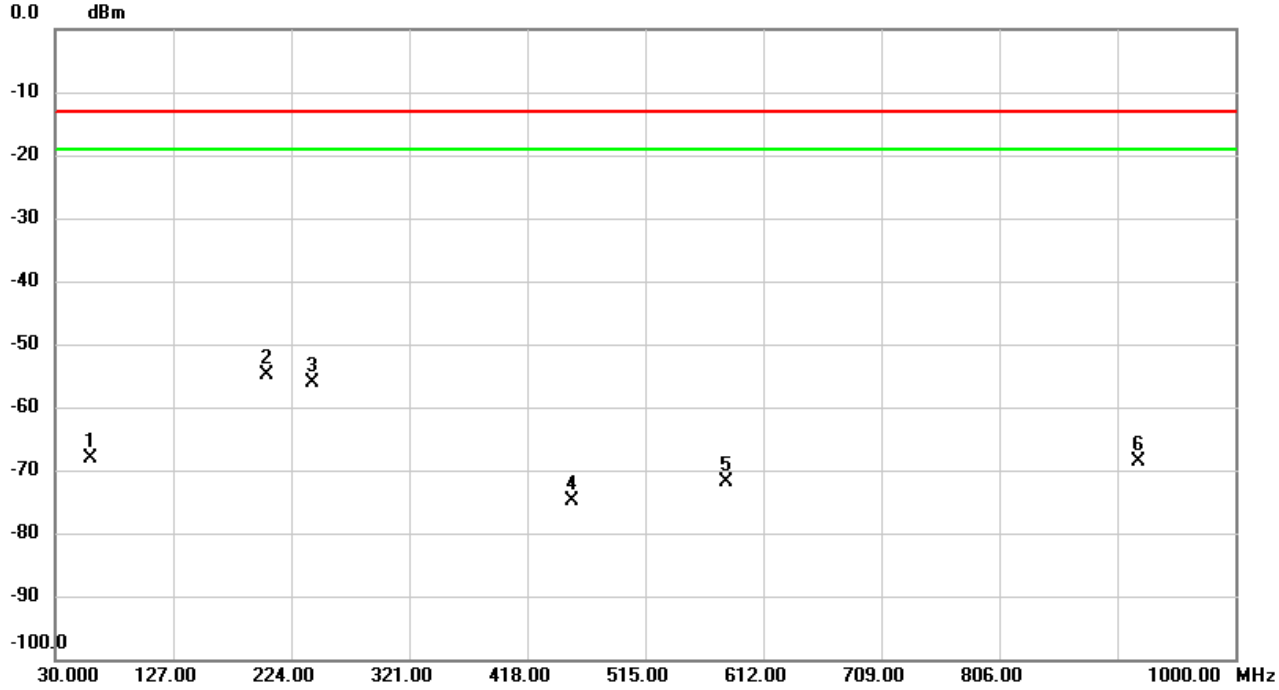
Test Mode	LTE Band 43	Test Date	2025/5/2
Test Channel	CH44090	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36500.00	-55.73	-6.88	-62.61	-13.00	-49.61	peak	

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

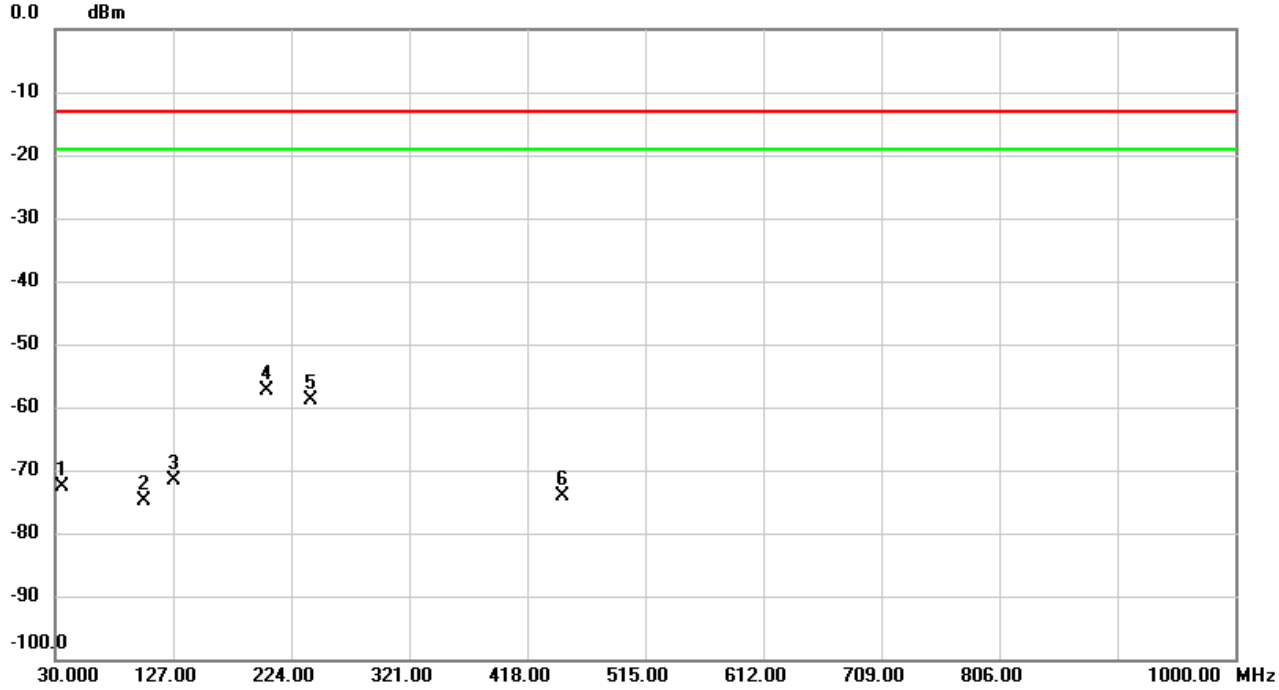
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		59.3263	-60.43	-7.67	-68.10	-13.00	-55.10	peak	
2	*	203.8887	-51.39	-3.39	-54.78	-13.00	-41.78	peak	
3		240.8457	-53.70	-2.44	-56.14	-13.00	-43.14	peak	
4		454.7630	-73.59	-1.16	-74.75	-13.00	-61.75	peak	
5		581.9300	-75.06	3.11	-71.95	-13.00	-58.95	peak	
6		920.3630	-75.39	6.76	-68.63	-13.00	-55.63	peak	

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

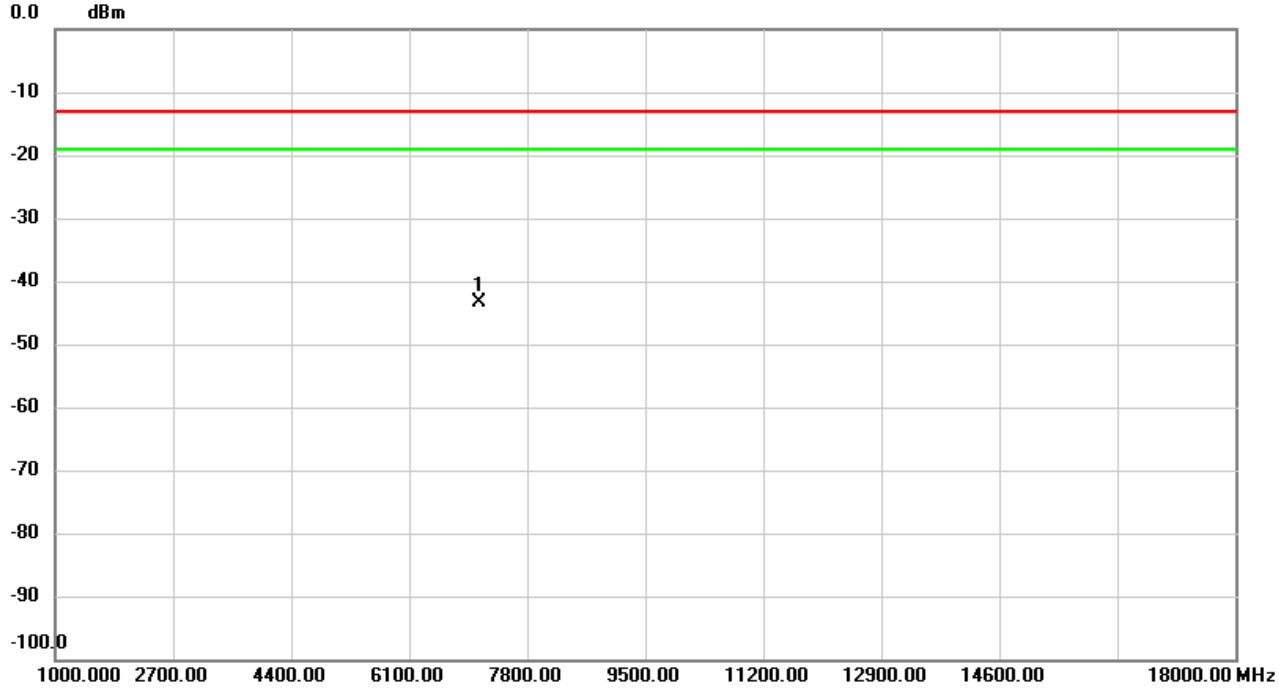
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		35.2380	-75.10	2.36	-72.74	-13.00	-59.74	peak	
2		103.6877	-66.84	-8.05	-74.89	-13.00	-61.89	peak	
3		128.0993	-64.91	-6.74	-71.65	-13.00	-58.65	peak	
4	*	203.7270	-47.78	-9.57	-57.35	-13.00	-44.35	peak	
5		239.8433	-50.75	-8.23	-58.98	-13.00	-45.98	peak	
6		447.1323	-72.18	-1.94	-74.12	-13.00	-61.12	peak	

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

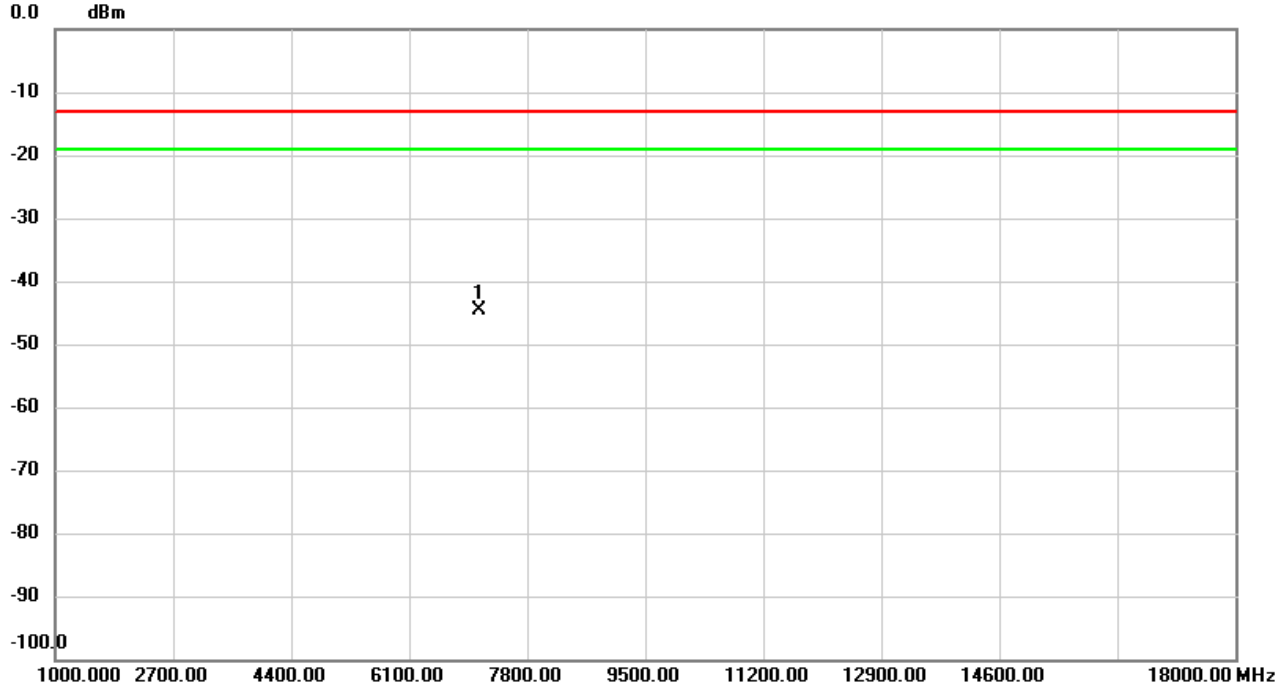
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55340	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7100.000	-61.97	18.49	-43.48	-13.00	-30.48	peak	

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

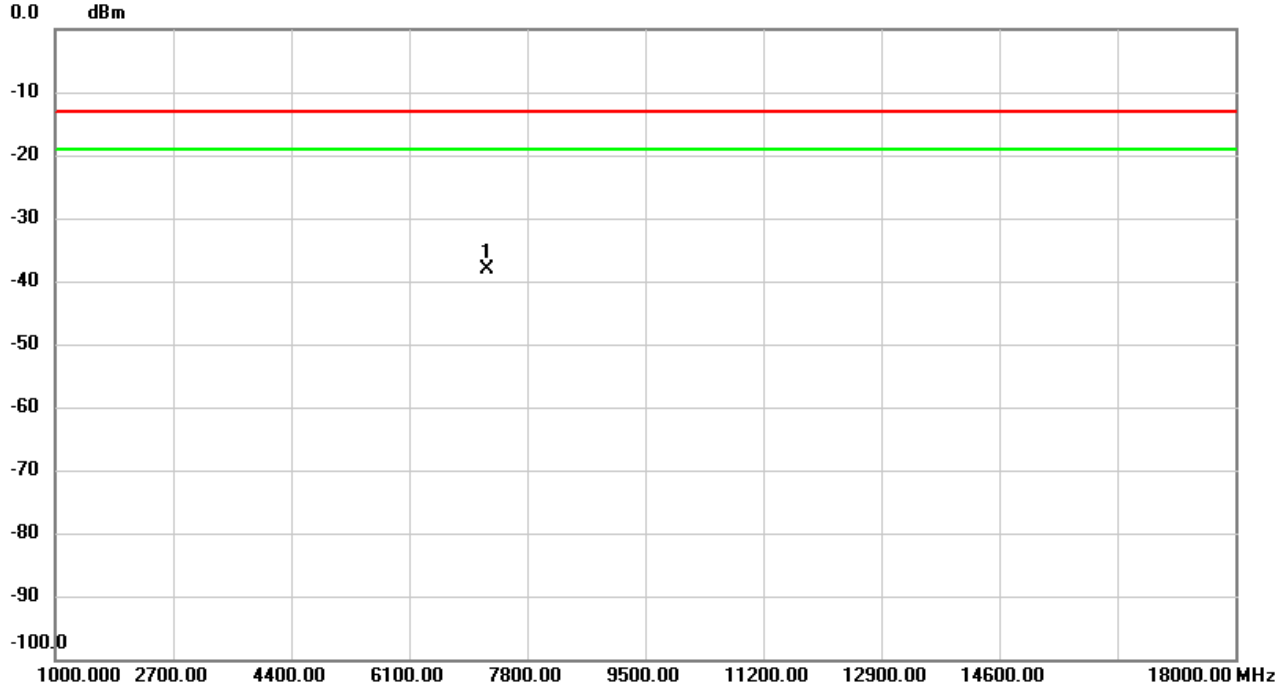
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55340	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7100.000	-63.00	18.45	-44.55	-13.00	-31.55	peak	

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

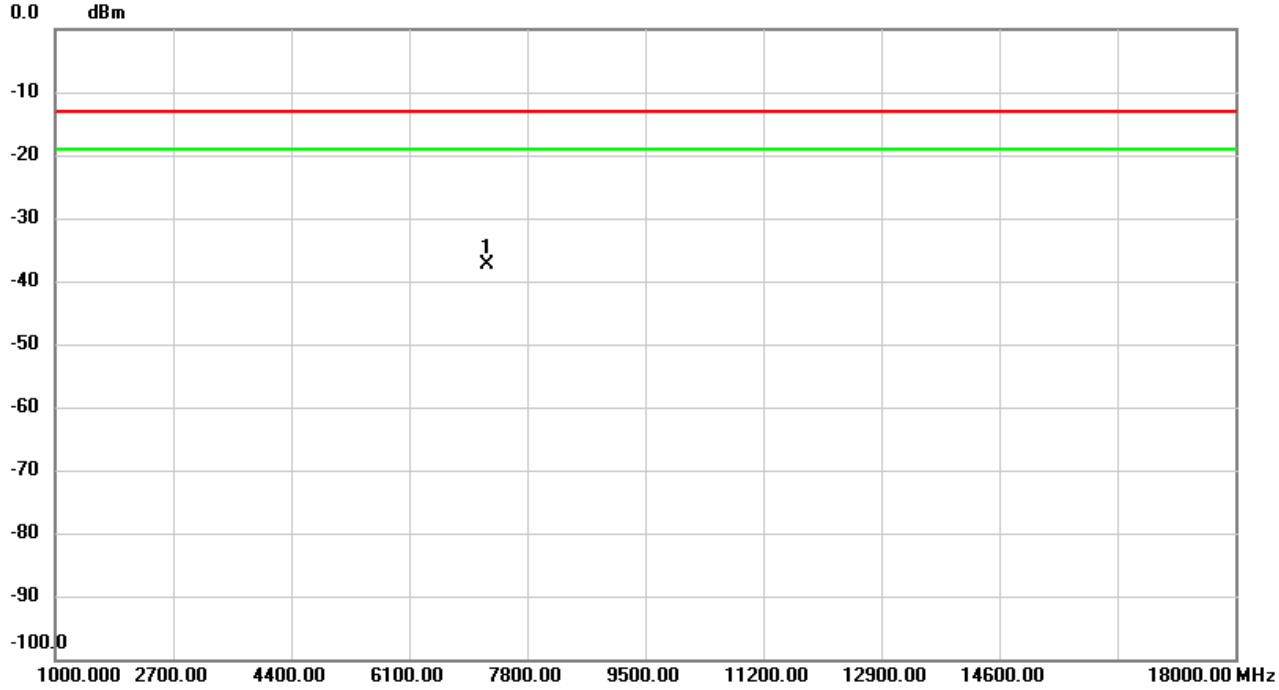
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7232.200	-56.02	17.85	-38.17	-13.00	-25.17	peak	

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

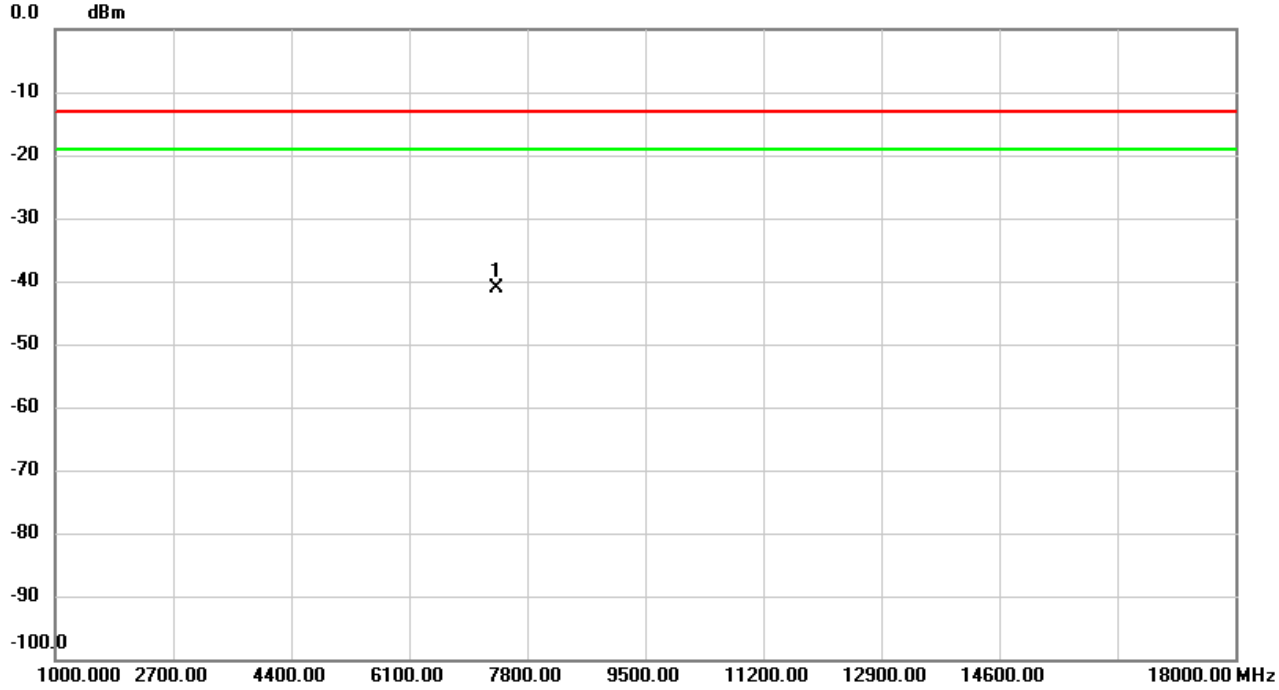
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7232.200	-54.77	17.52	-37.25	-13.00	-24.25	peak	

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

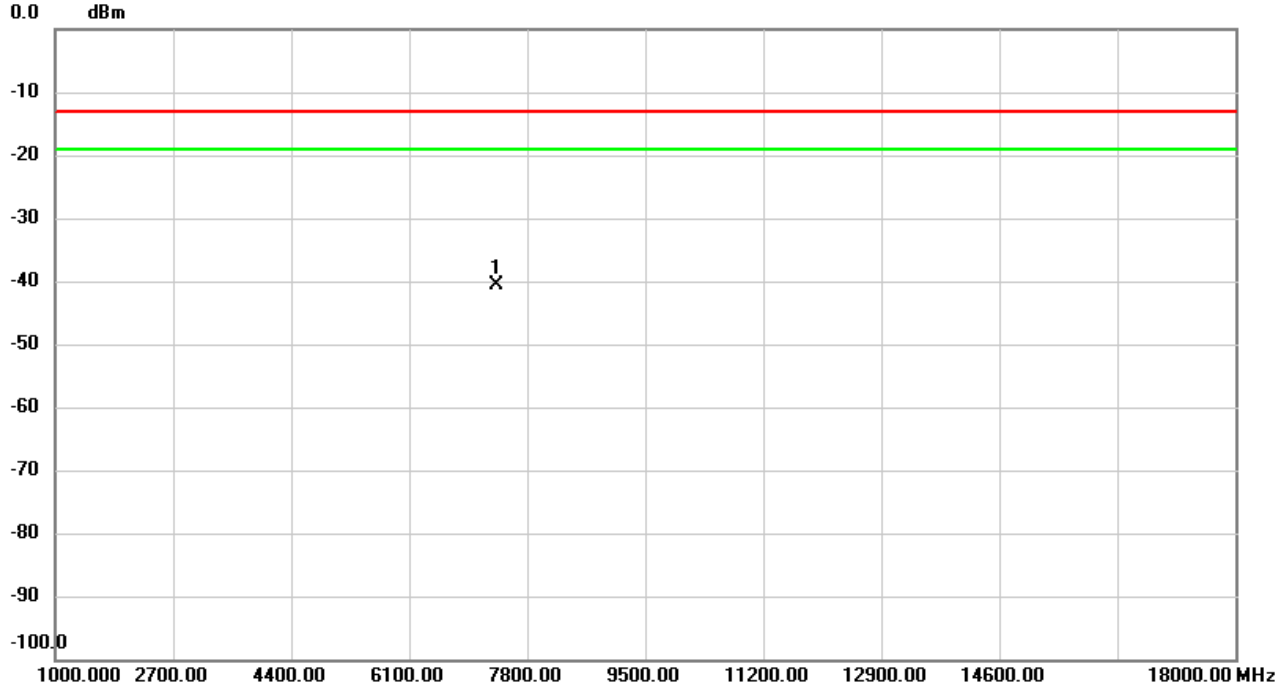
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH56640	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7362.533	-58.84	17.72	-41.12	-13.00	-28.12	peak	

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

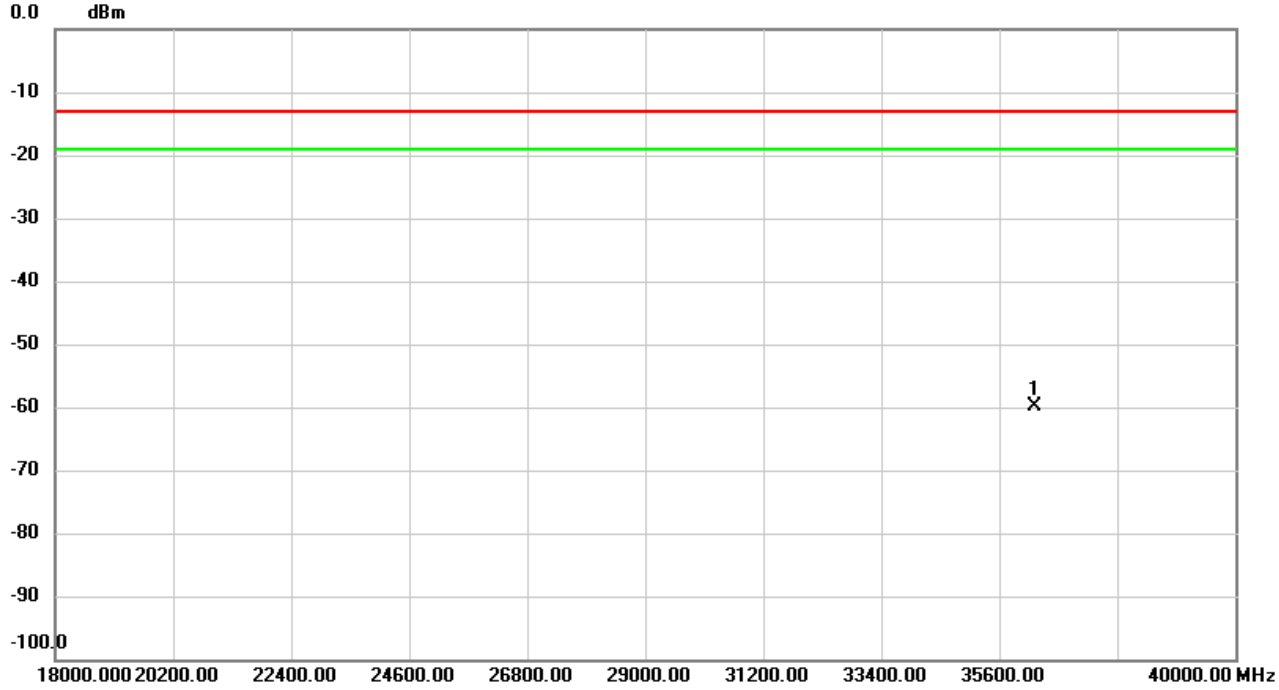
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH56640	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7361.967	-58.07	17.50	-40.57	-13.00	-27.57	peak	

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

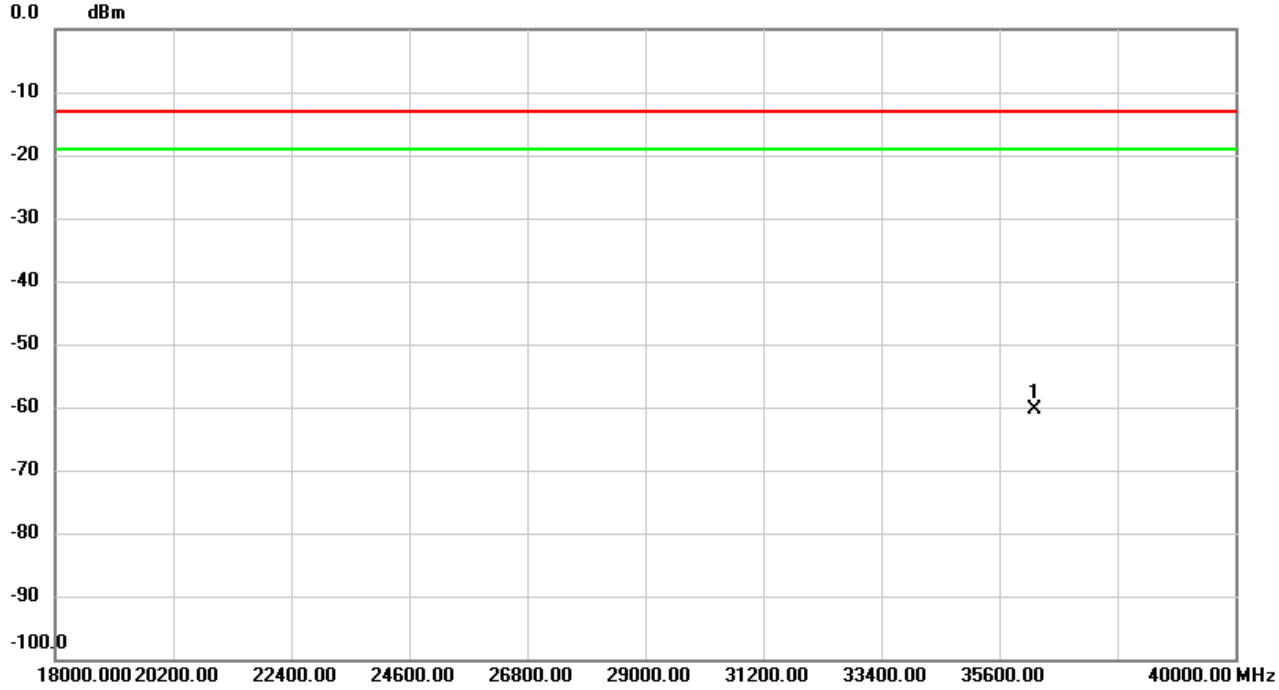
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Vertical
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36250.00	-54.73	-5.07	-59.80	-13.00	-46.80	peak	

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

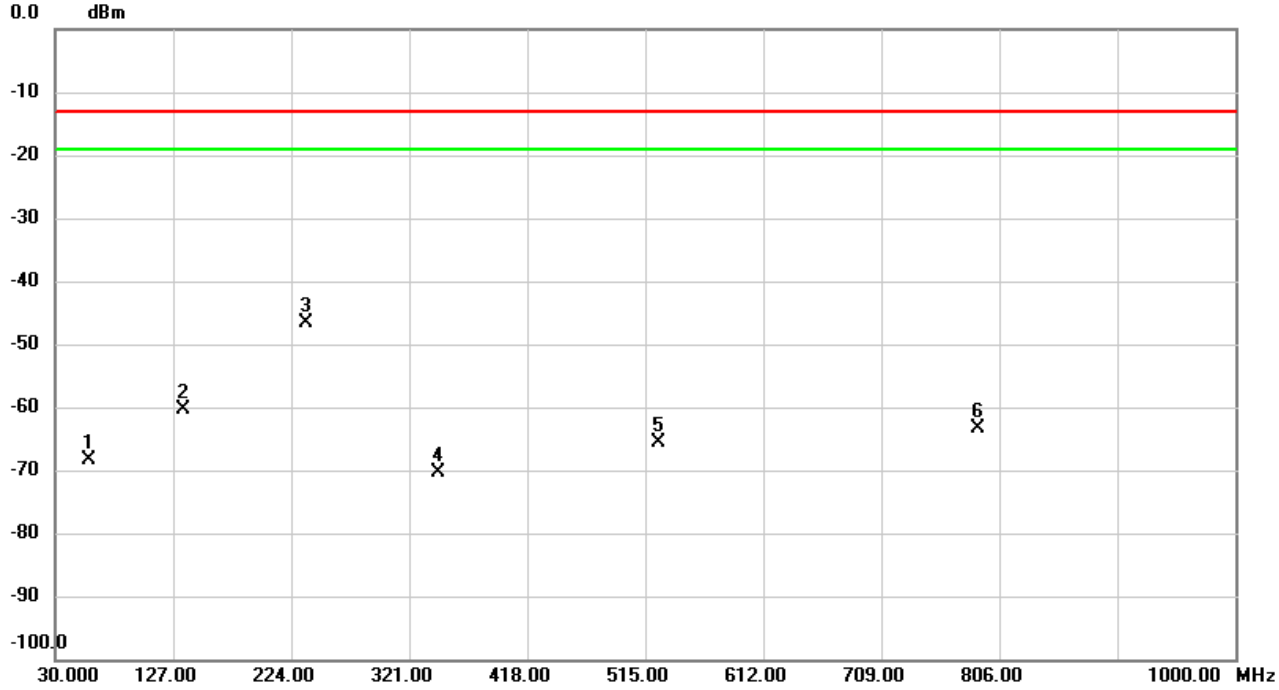
Test Mode	LTE Band 48	Test Date	2025/5/2
Test Channel	CH55990	Polarization	Horizontal
Temp	27°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36250.00	-53.99	-6.48	-60.47	-13.00	-47.47	peak	

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

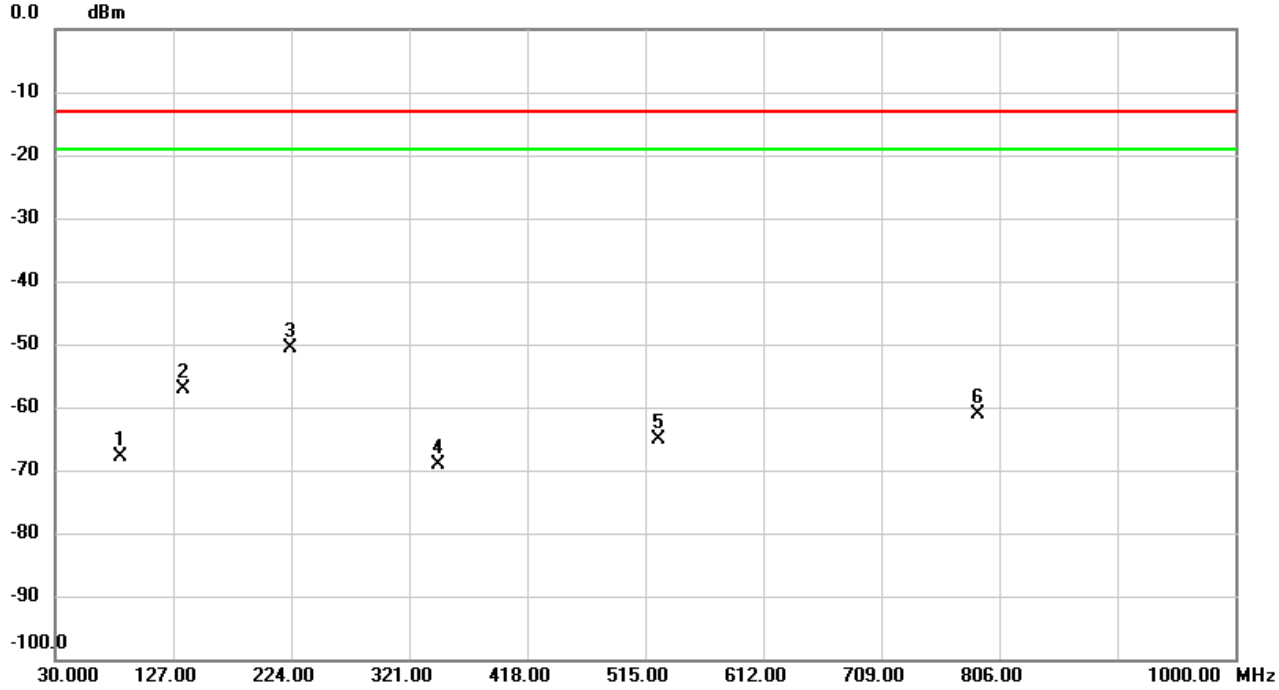
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/26
Test Channel	TX Low CH	Polarization	Vertical
Temp	22°C	Hum.	54%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		57.4833	-63.14	-5.24	-68.38	-13.00	-55.38	peak	
2		135.0510	-58.11	-2.30	-60.41	-13.00	-47.41	peak	
3	*	235.8340	-46.31	-0.42	-46.73	-13.00	-33.73	peak	
4		345.3793	-69.55	-0.79	-70.34	-13.00	-57.34	peak	
5		525.5407	-69.24	3.63	-65.61	-13.00	-52.61	peak	
6		788.2490	-69.48	5.99	-63.49	-13.00	-50.49	peak	

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

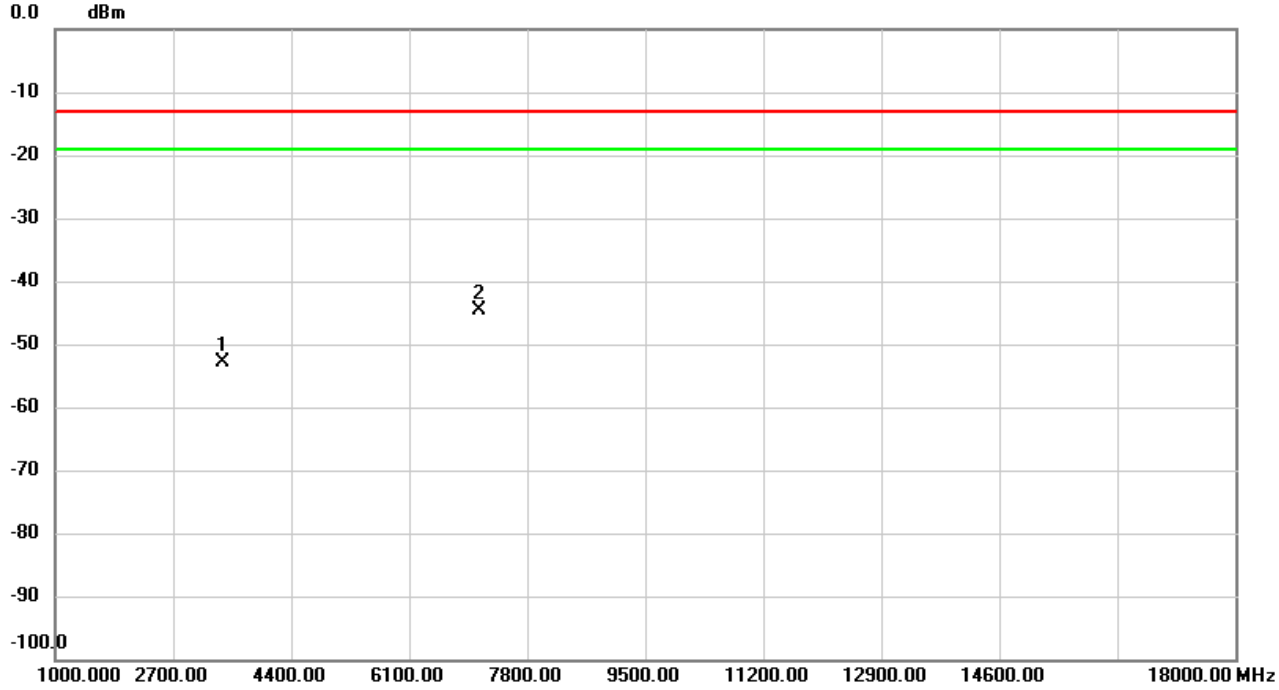
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/26
Test Channel	TX Low CH	Polarization	Horizontal
Temp	22°C	Hum.	54%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		84.0290	-61.89	-6.01	-67.90	-13.00	-54.90	peak	
2		135.3742	-53.20	-3.94	-57.14	-13.00	-44.14	peak	
3	*	223.9030	-44.20	-6.53	-50.73	-13.00	-37.73	peak	
4		345.2500	-68.40	-0.75	-69.15	-13.00	-56.15	peak	
5		525.5082	-66.20	1.13	-65.07	-13.00	-52.07	peak	
6		788.2490	-67.08	6.06	-61.02	-13.00	-48.02	peak	

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

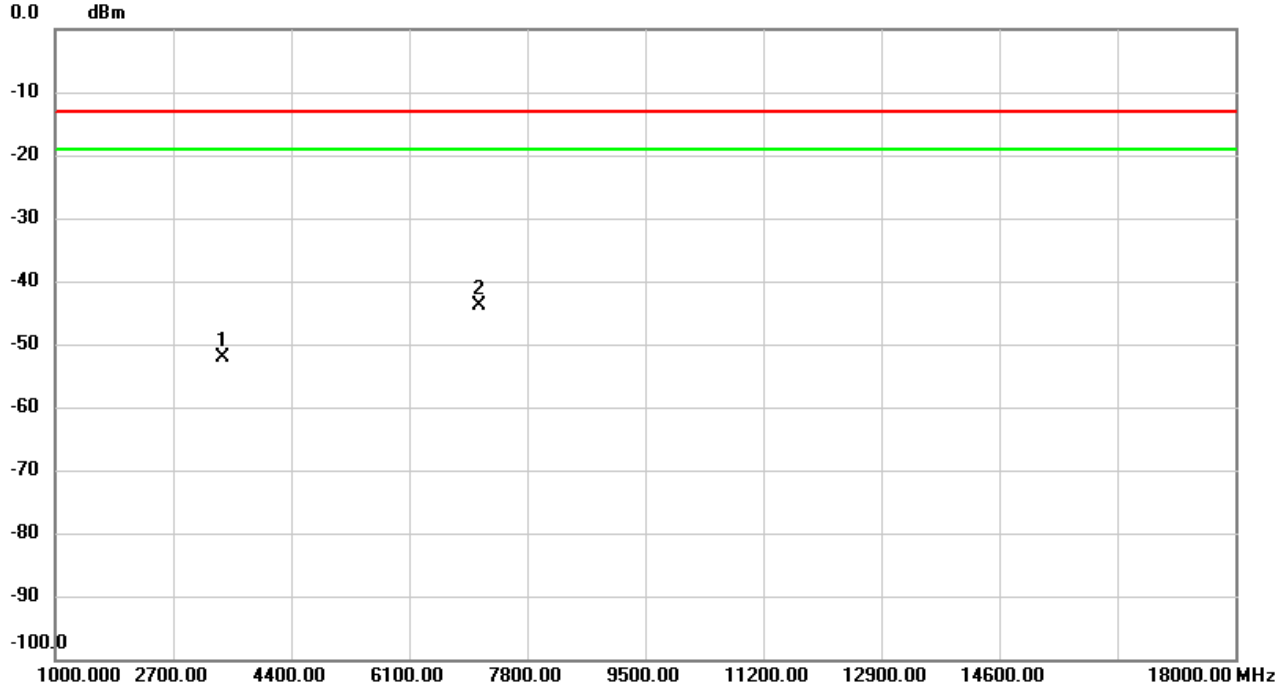
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX Low CH	Polarization	Vertical
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3422.000	-62.83	10.07	-52.76	-13.00	-39.76	peak	
2	*	7102.000	-63.17	18.46	-44.71	-13.00	-31.71	peak	

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

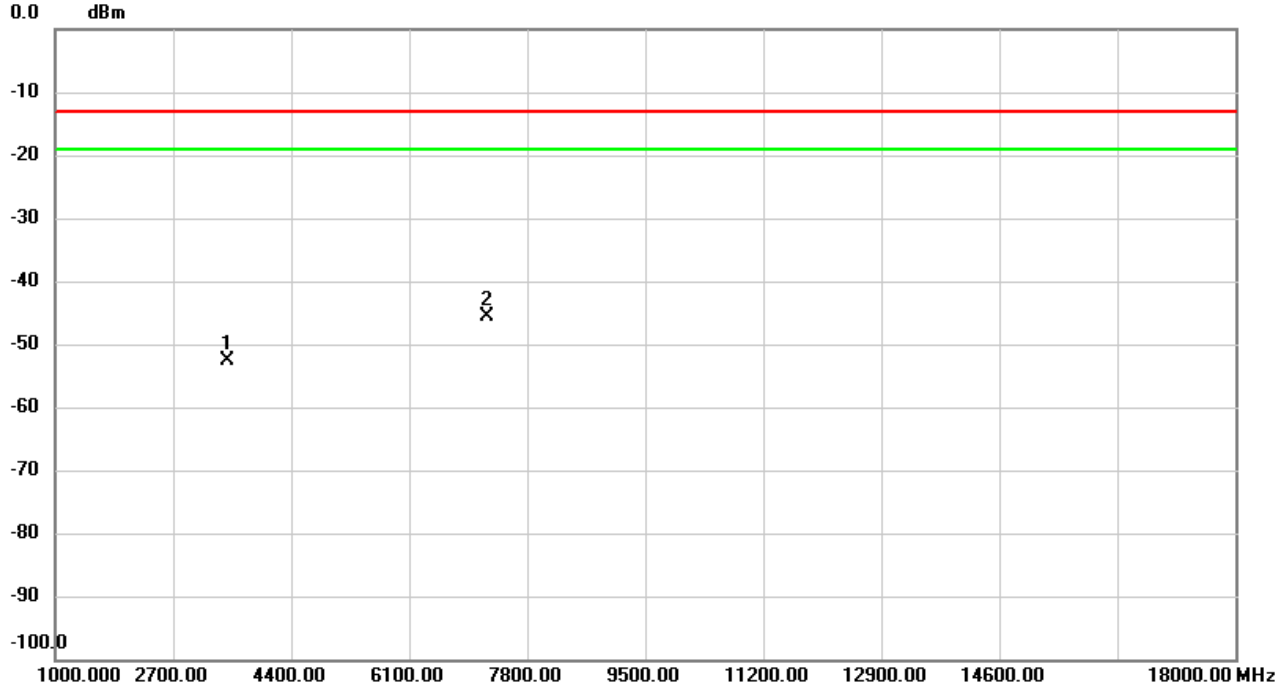
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX Low CH	Polarization	Horizontal
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3422.000	-61.80	9.71	-52.09	-13.00	-39.09	peak	
2	*	7102.000	-62.39	18.42	-43.97	-13.00	-30.97	peak	

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

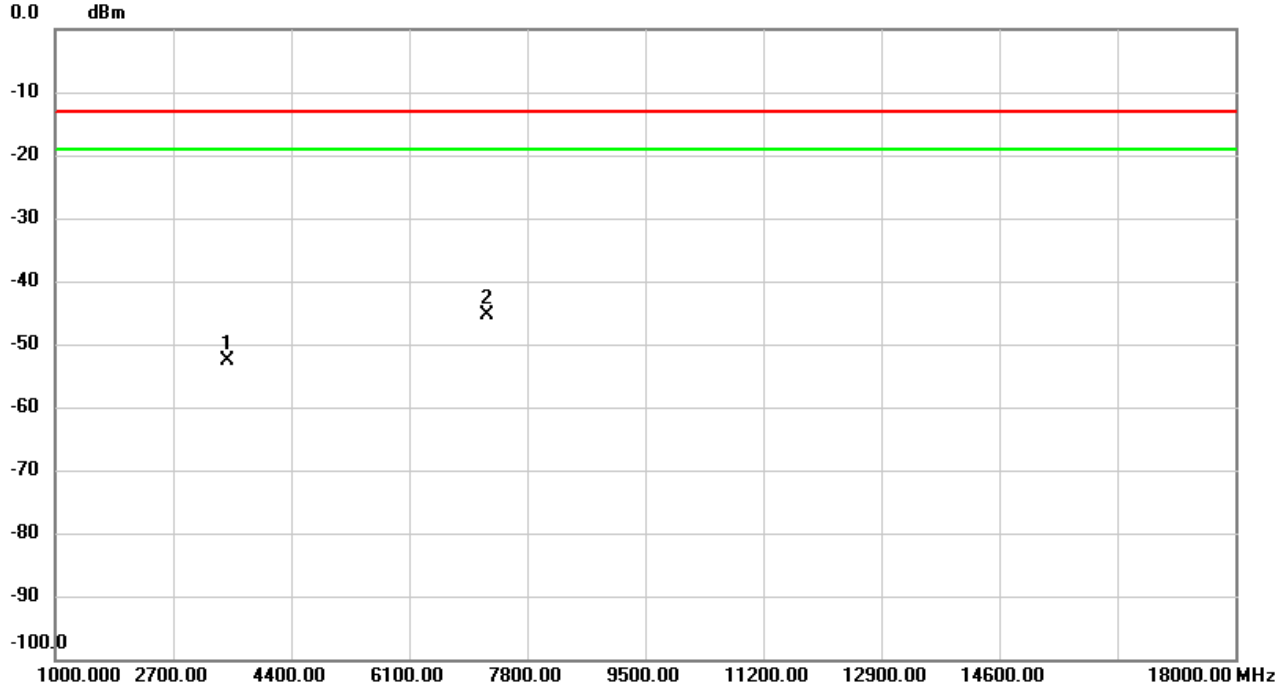
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX Mid CH	Polarization	Vertical
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3472.000	-62.87	10.26	-52.61	-13.00	-39.61	peak	
2	*	7232.000	-63.51	17.85	-45.66	-13.00	-32.66	peak	

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

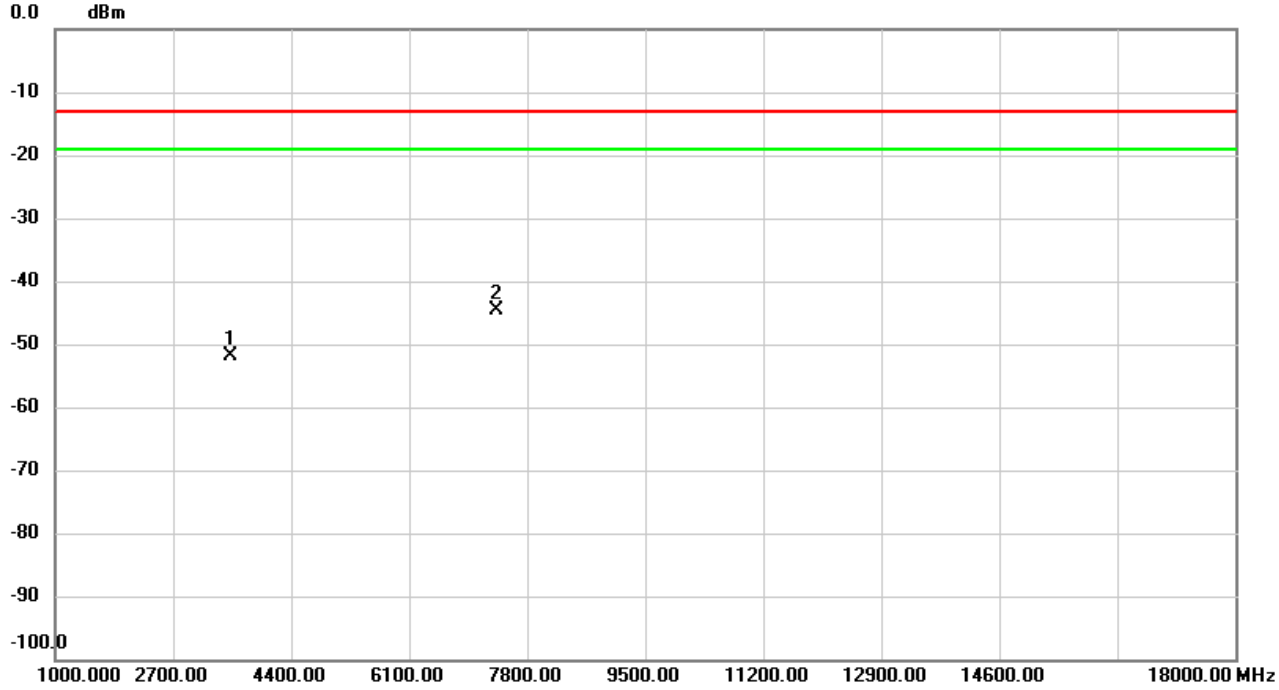
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX Mid CH	Polarization	Horizontal
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3472.000	-62.67	10.02	-52.65	-13.00	-39.65	peak	
2	*	7232.000	-62.96	17.52	-45.44	-13.00	-32.44	peak	

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

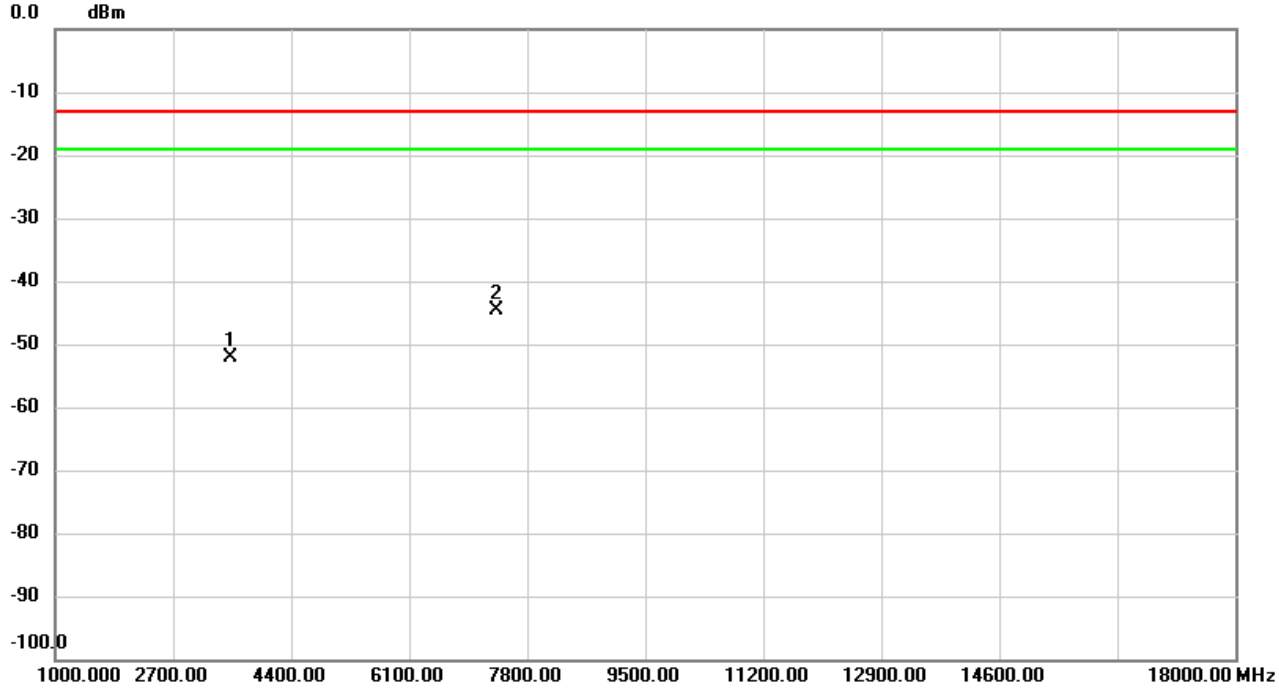
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX High CH	Polarization	Vertical
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3522.000	-62.02	10.26	-51.76	-13.00	-38.76	peak	
2	*	7362.000	-62.42	17.71	-44.71	-13.00	-31.71	peak	

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

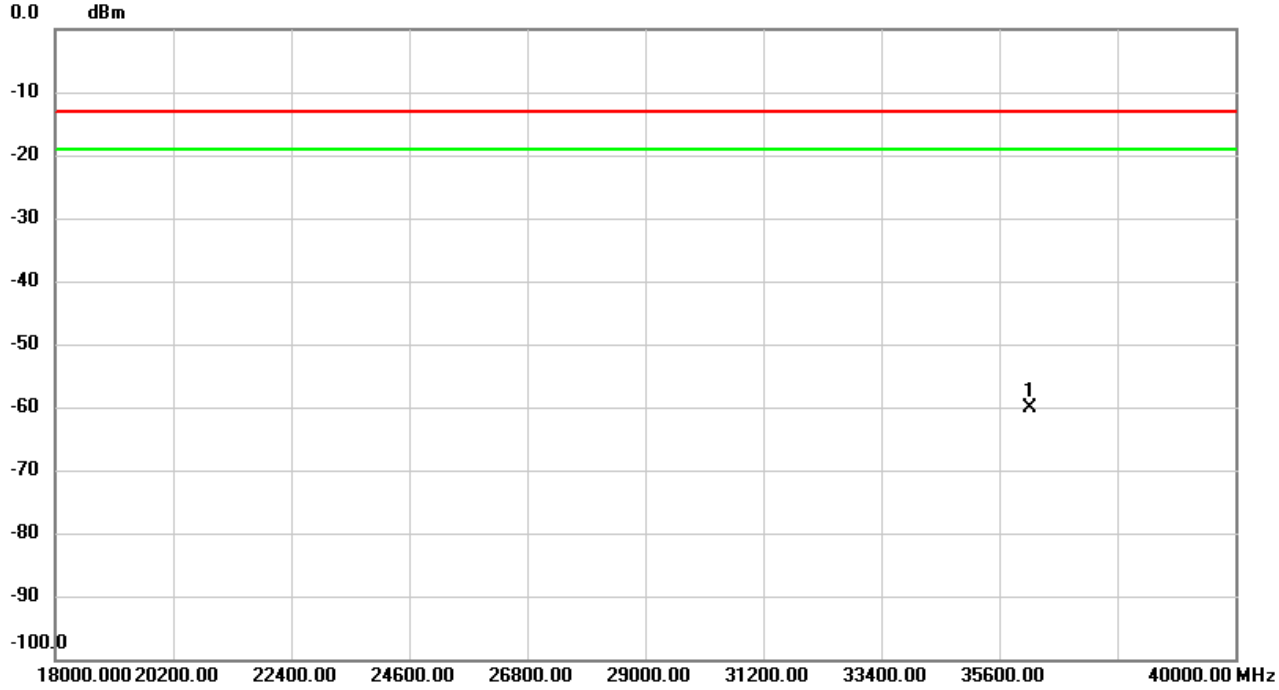
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/7
Test Channel	TX High CH	Polarization	Horizontal
Temp	23°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		3522.000	-62.23	10.00	-52.23	-13.00	-39.23	peak	
2	*	7362.000	-62.23	17.50	-44.73	-13.00	-31.73	peak	

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

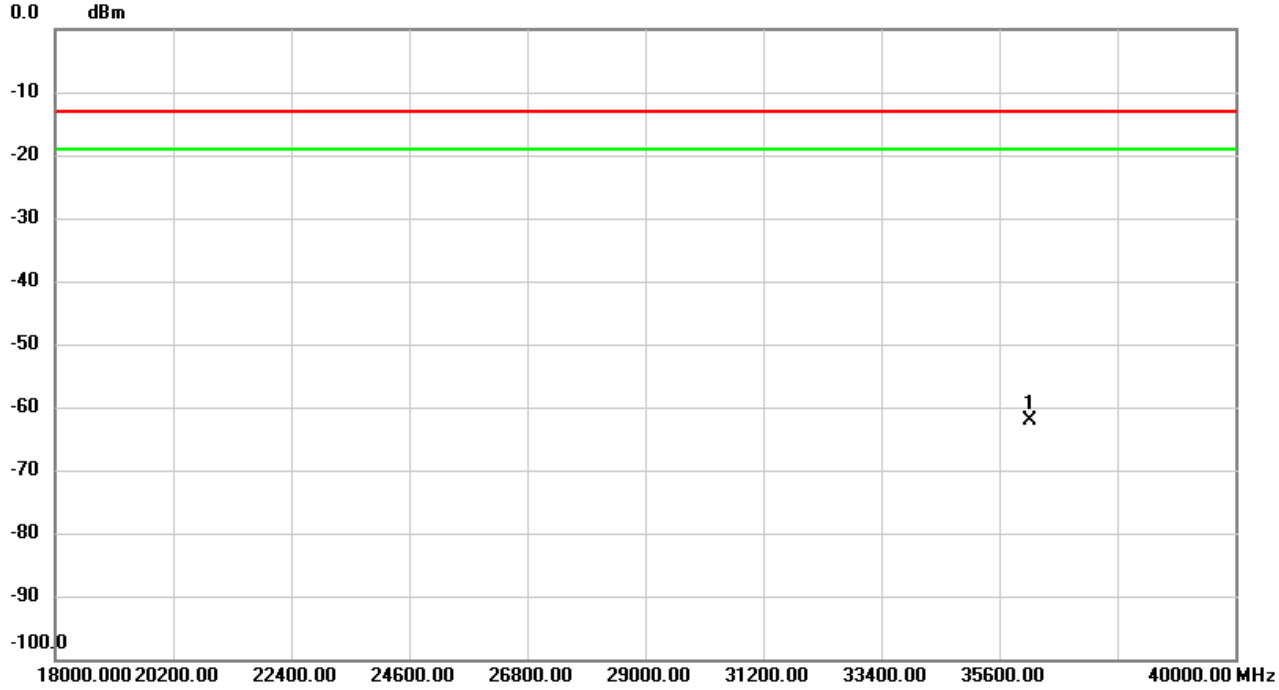
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/8
Test Channel	TX Low CH	Polarization	Vertical
Temp	27°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36160.00	-55.12	-4.96	-60.08	-13.00	-47.08	peak	

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

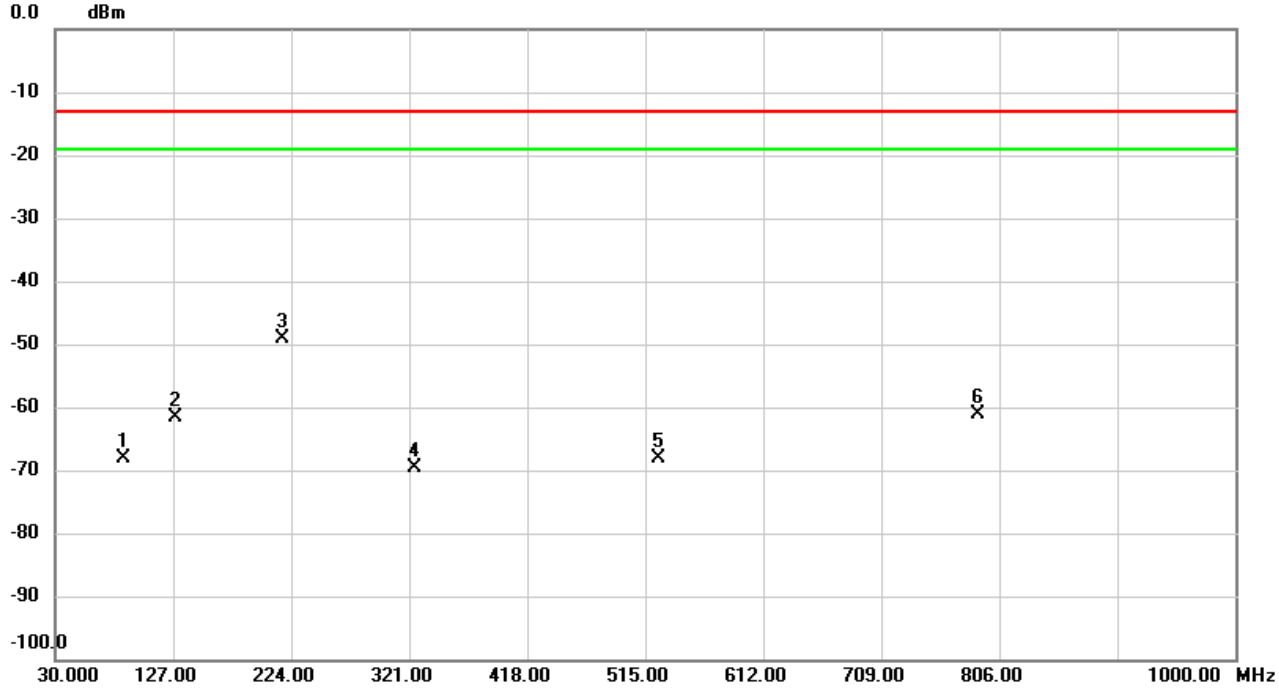
Test Mode	LTE Band CA_48A-66A	Test Date	2025/5/8
Test Channel	TX Low CH	Polarization	Horizontal
Temp	27°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	36160.00	-55.67	-6.34	-62.01	-13.00	-49.01	peak	

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

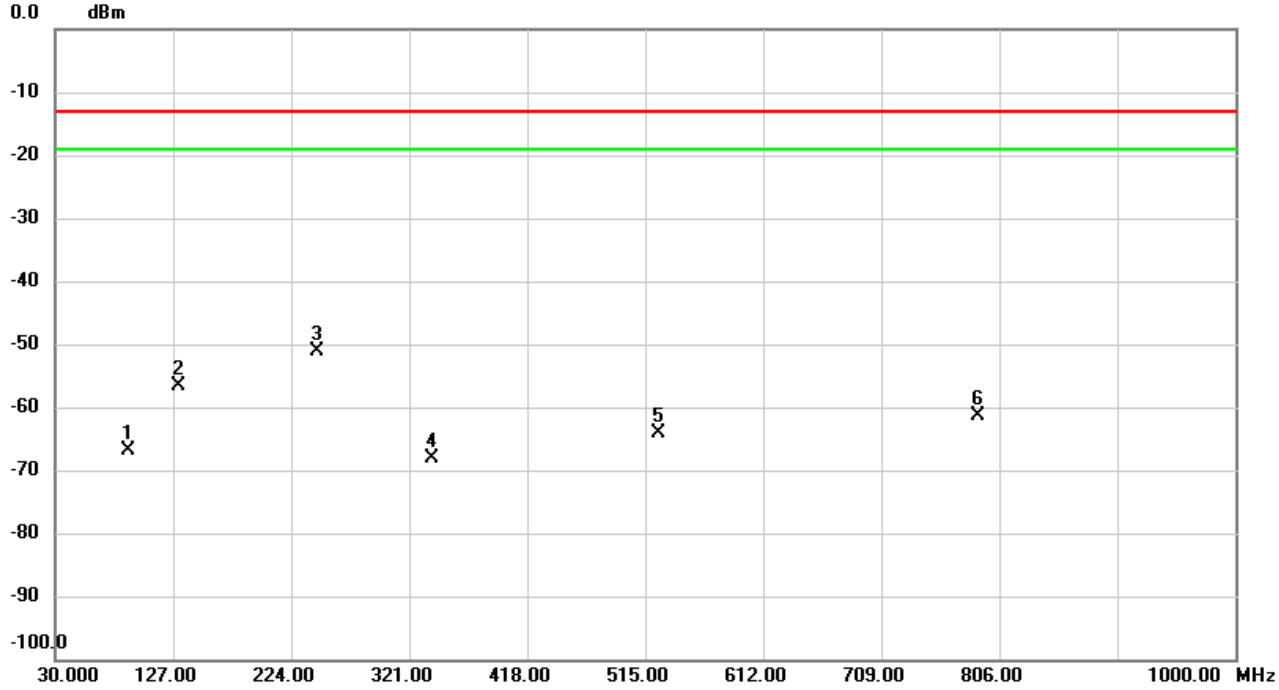
Test Mode	LTE Band CA_48C	Test Date	2025/5/26
Test Channel	TX Mid CH	Polarization	Vertical
Temp	22°C	Hum.	54%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		86.5187	-64.46	-3.57	-68.03	-13.00	-55.03	peak	
2		128.7783	-57.97	-3.62	-61.59	-13.00	-48.59	peak	
3	*	216.9513	-47.49	-1.58	-49.07	-13.00	-36.07	peak	
4		325.3327	-68.70	-0.98	-69.68	-13.00	-56.68	peak	
5		525.5082	-71.67	3.63	-68.04	-13.00	-55.04	peak	
6		788.2490	-67.11	5.99	-61.12	-13.00	-48.12	peak	

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

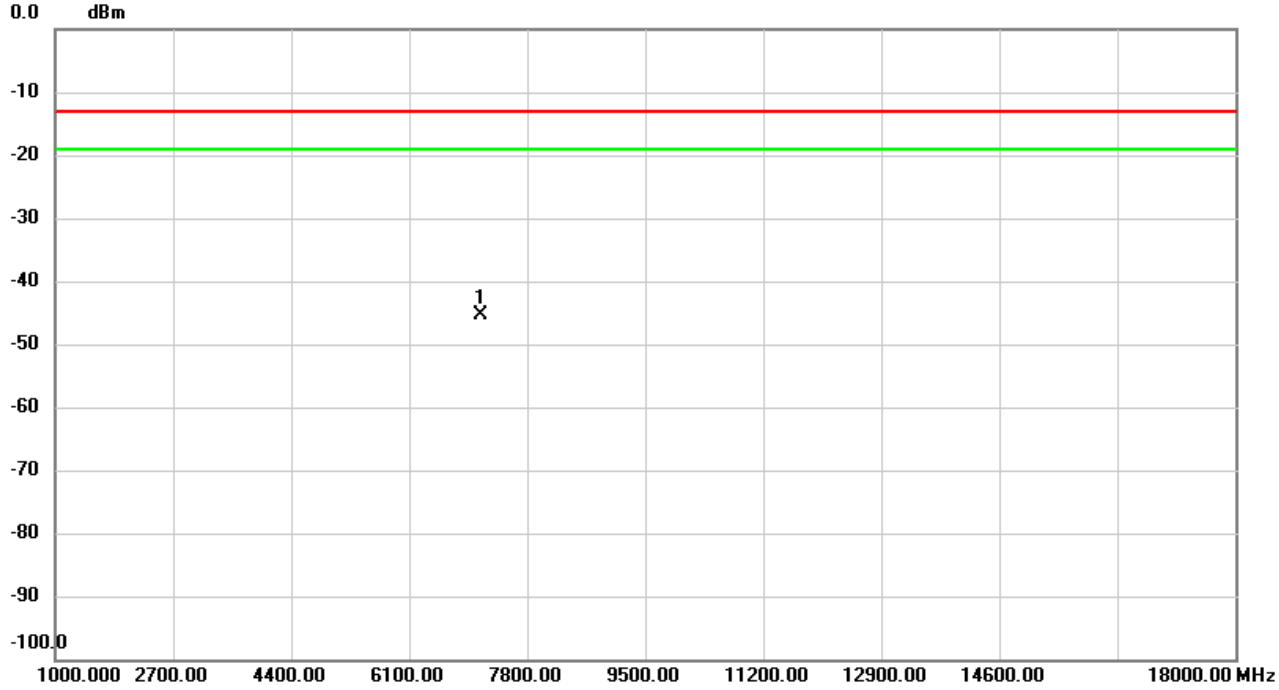
Test Mode	LTE Band CA_48C	Test Date	2025/5/26
Test Channel	TX Mid CH	Polarization	Horizontal
Temp	22°C	Hum.	54%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		90.7866	-60.70	-6.20	-66.90	-13.00	-53.90	peak	
2		131.3973	-52.38	-4.29	-56.67	-13.00	-43.67	peak	
3	*	244.9843	-45.02	-6.00	-51.02	-13.00	-38.02	peak	
4		339.6240	-66.92	-1.16	-68.08	-13.00	-55.08	peak	
5		525.5082	-65.23	1.13	-64.10	-13.00	-51.10	peak	
6		788.2490	-67.47	6.06	-61.41	-13.00	-48.41	peak	

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

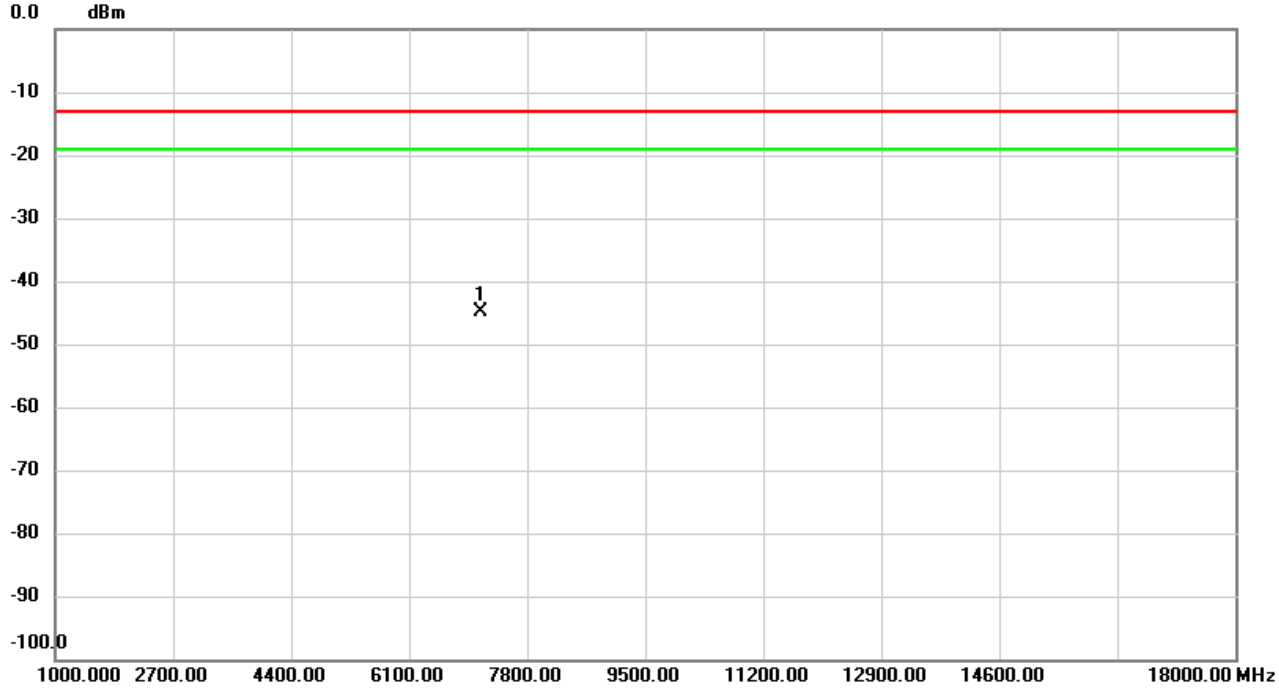
Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX Low CH	Polarization	Vertical
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7120.000	-63.63	18.24	-45.39	-13.00	-32.39	peak	

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

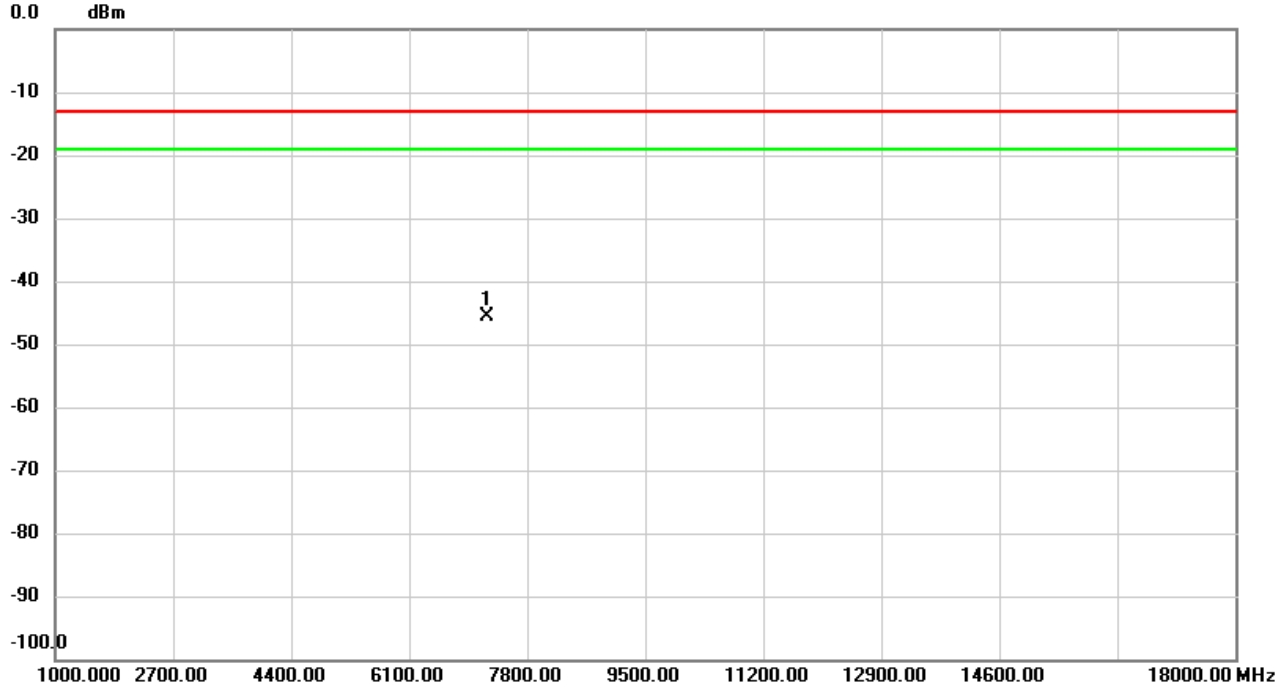
Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX Low CH	Polarization	Horizontal
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7120.000	-63.03	18.15	-44.88	-13.00	-31.88	peak	

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

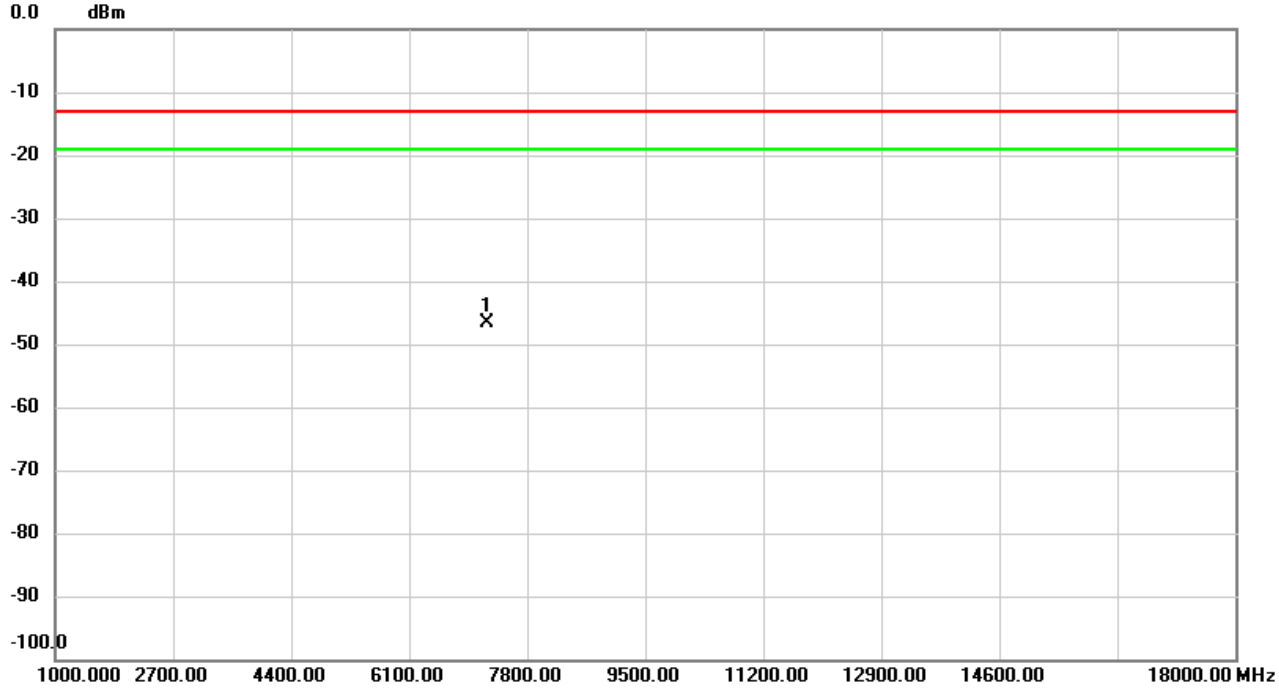
Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX Mid CH	Polarization	Vertical
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7230.000	-63.46	17.86	-45.60	-13.00	-32.60	peak	

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

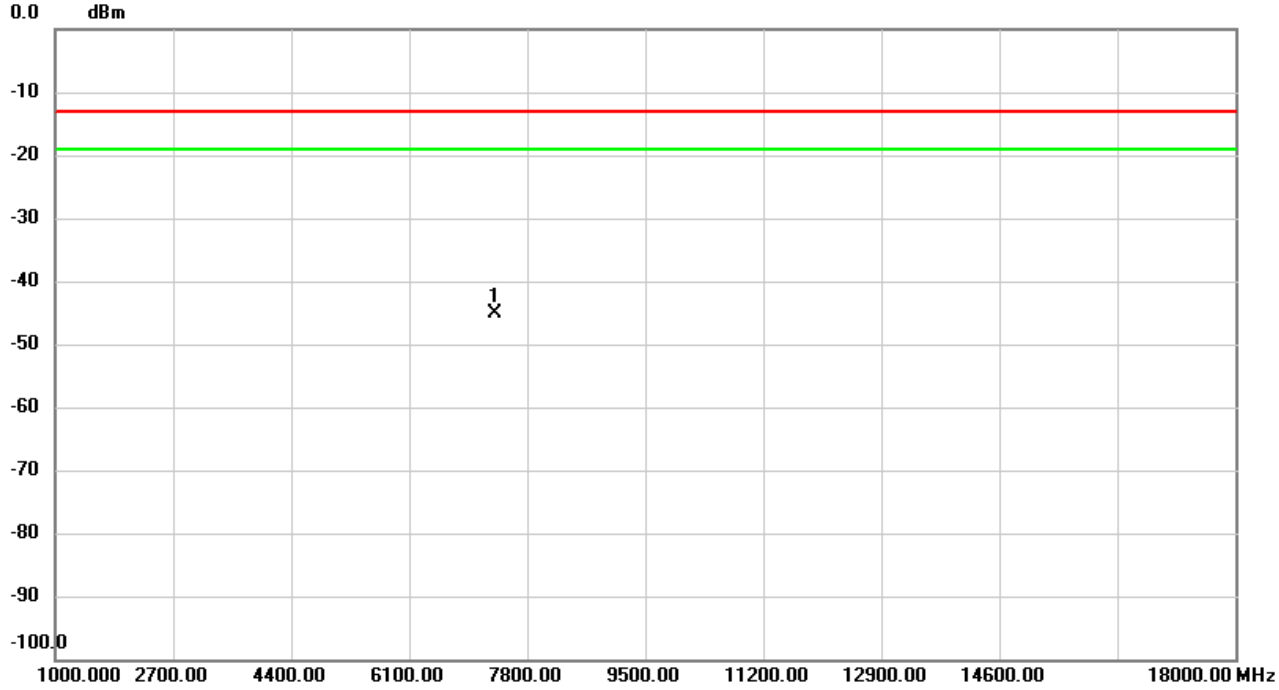
Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX Mid CH	Polarization	Horizontal
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7230.000	-64.08	17.55	-46.53	-13.00	-33.53	peak	

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

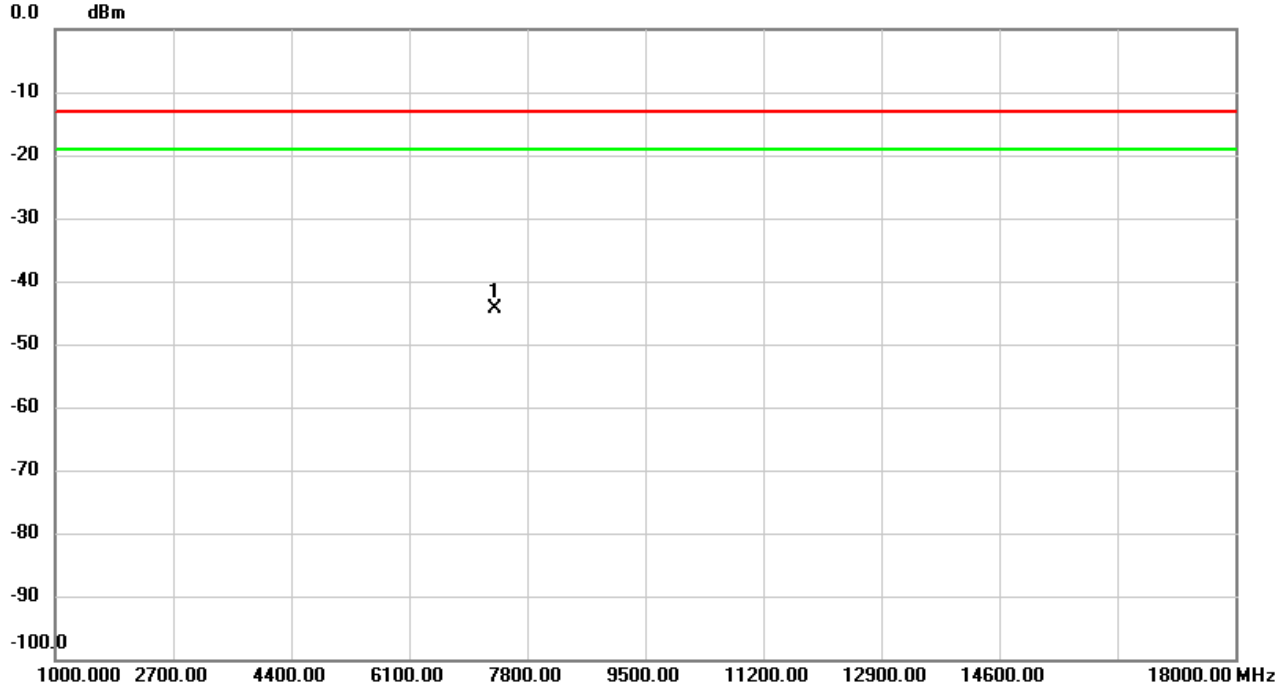
Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX High CH	Polarization	Vertical
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7340.000	-62.80	17.66	-45.14	-13.00	-32.14	peak	

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

Test Mode	LTE Band CA_48C	Test Date	2025/5/6
Test Channel	TX High CH	Polarization	Horizontal
Temp	25°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	7340.000	-61.75	17.45	-44.30	-13.00	-31.30	peak	

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

End of Test Report