FCC Radio Test Report

FCC ID: XMR2023RM520NGLM

Report No.	:	BTL-FCCP-8-2311T076
Equipment	:	5G Sub-6 GHz M.2 Module
Model Name	:	RM520N-GL
Brand Name	:	Quectel
Applicant	:	Quectel Wireless Solutions Co., Ltd.
Address	:	Building 5, Shanghai Business Park Phase III (Area B), No.1016 Tianlin Road, Minhang District, Shanghai, China 200233
Radio Function	:	WCDMA Band II & LTE Band 2, 25
FCC Rule Part(s)	:	FCC CFR Title 47, Part 24, Subpart E
Date of Receipt	:	2023/11/16
Date of Test	:	2023/11/27 ~ 2024/1/12
Issued Date	:	2024/1/31

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

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-8-2311T076	R00	Original Report.	2024/1/31	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
2.1046 24.232(c)	Effective Isotropic Radiated Power	APPENDIX A	Pass	------
2.1053 24.238(a)	Radiated Spurious Emissions	APPENDIX B	Pass	------

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) This test report is issued for the RF module (FCCID: XMR2023RM520NGLM) to be incorporated to the host device (Model number: TP00160AL), 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	22.5 °C, 51 %	AC 120V	Cora Lin
Radiated Spurious Emissions	Refer to data	AC 120V	Kevin Zhen

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	5G Sub-6 GHz M.2 Module			
Model Name	RM520N-GL			
Brand Name	Quectel			
Model Difference	N/A			
Power Source	Supplied from host system.			
Power Rating	3.3 Vdc			
Host device information				
Equipment	Notebook Computer			
Model Name	TP00160AL			
Brand Name	Lenovo			
Model Difference	N/A			
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADLX65YSDC2A)			
Power Rating	I/P: 100-240V~ 1.8A 50-60Hz O/P: 20.0VDC 3.25A 65.0W / 15.0VDC 3.0A / 9.0VDC 3.0A / 5.0VDC 3.0A 15.0W			
WIFI+BT Module	Intel® Wi-Fi 6E AX211 / AX211D2W Intel® BE200D2W / BE200D2W			
WWAN Module	Quectel / RM520N-GL Quectel / EM061K-GL			
NFC Module	FOXCONN / T77H747			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	WCDMA II	1850 ~ 1910	1930 ~ 1990	
	LTE 2	1850 ~ 1910	1930 ~ 1990	
	LTE 25	1850 ~ 1915	1930 ~ 1995	
Maximum EIRP	Band	BW (MHz)	Mode	Power (W)
	WCDMA II	-	-	0.097
	LTE 2	1.4	QPSK	0.101
			16QAM	0.087
			64QAM	0.085
			256QAM	0.039
		3	QPSK	0.102
			16QAM	0.086
			64QAM	0.066
			256QAM	0.102
		5	QPSK	0.104
			16QAM	0.090
			64QAM	0.087
			256QAM	0.040
		10	QPSK	0.105
			16QAM	0.091
			64QAM	0.089
			256QAM	0.066
		15	QPSK	0.107
			16QAM	0.092
			64QAM	0.090
			256QAM	0.042
		20	QPSK	0.108
			16QAM	0.094
			64QAM	0.091
			256QAM	0.042

Maximum EIRP	LTE 25	1.4	QPSK	0.107
			16QAM	0.090
			64QAM	0.087
			256QAM	0.040
		3	QPSK	0.109
			16QAM	0.089
			64QAM	0.068
			256QAM	0.109
		5	QPSK	0.110
			16QAM	0.093
			64QAM	0.090
			256QAM	0.041
		10	QPSK	0.111
			16QAM	0.094
			64QAM	0.091
			256QAM	0.069
		15	QPSK	0.112
			16QAM	0.096
			64QAM	0.092
			256QAM	0.042
		20	QPSK	0.114
			16QAM	0.097
			64QAM	0.093
			256QAM	0.042
	LTE CA_2C	5+20	QPSK	0.143
			16QAM	0.097
			64QAM	0.073
			256QAM	0.037
		10+15	QPSK	0.143
			16QAM	0.098
			64QAM	0.131
			256QAM	0.038
		10+20	QPSK	0.144
			16QAM	0.099
			64QAM	0.075
			256QAM	0.038
		15+10	QPSK	0.146
			16QAM	0.099
			64QAM	0.076
			256QAM	0.039
		15+15	QPSK	0.148
			16QAM	0.100
			64QAM	0.077
			256QAM	0.039
		15+20	QPSK	0.149
			16QAM	0.101
			64QAM	0.079
			256QAM	0.040

Maximum EIRP	LTE CA_2C	20+5	QPSK	0.140
			16QAM	0.103
			64QAM	0.080
			256QAM	0.041
		20+10	QPSK	0.142
			16QAM	0.105
			64QAM	0.080
			256QAM	0.041
		20+15	QPSK	0.142
			16QAM	0.105
			64QAM	0.081
			256QAM	0.042
		20+20	QPSK	0.144
			16QAM	0.107
			64QAM	0.082
			256QAM	0.043
Test Model	RM520N-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:

(3) Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	Luxshare-ICT	DC33022F20	PIFA	I-PEX	-2.96	WCDMA Band II
						LTE Band 2
					-2.88	LTE Band 25
Aux	Luxshare-ICT	DC33022F20	PIFA	I-PEX	-	RX only

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	SPEEDWIRE	DC33022J60	PIFA	I-PEX	-2.96	WCDMA Band II
						LTE Band 2
					-2.88	LTE Band 25
Aux	SPEEDWIRE	DC33022J60	PIFA	I-PEX	-	RX only

(4) 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.

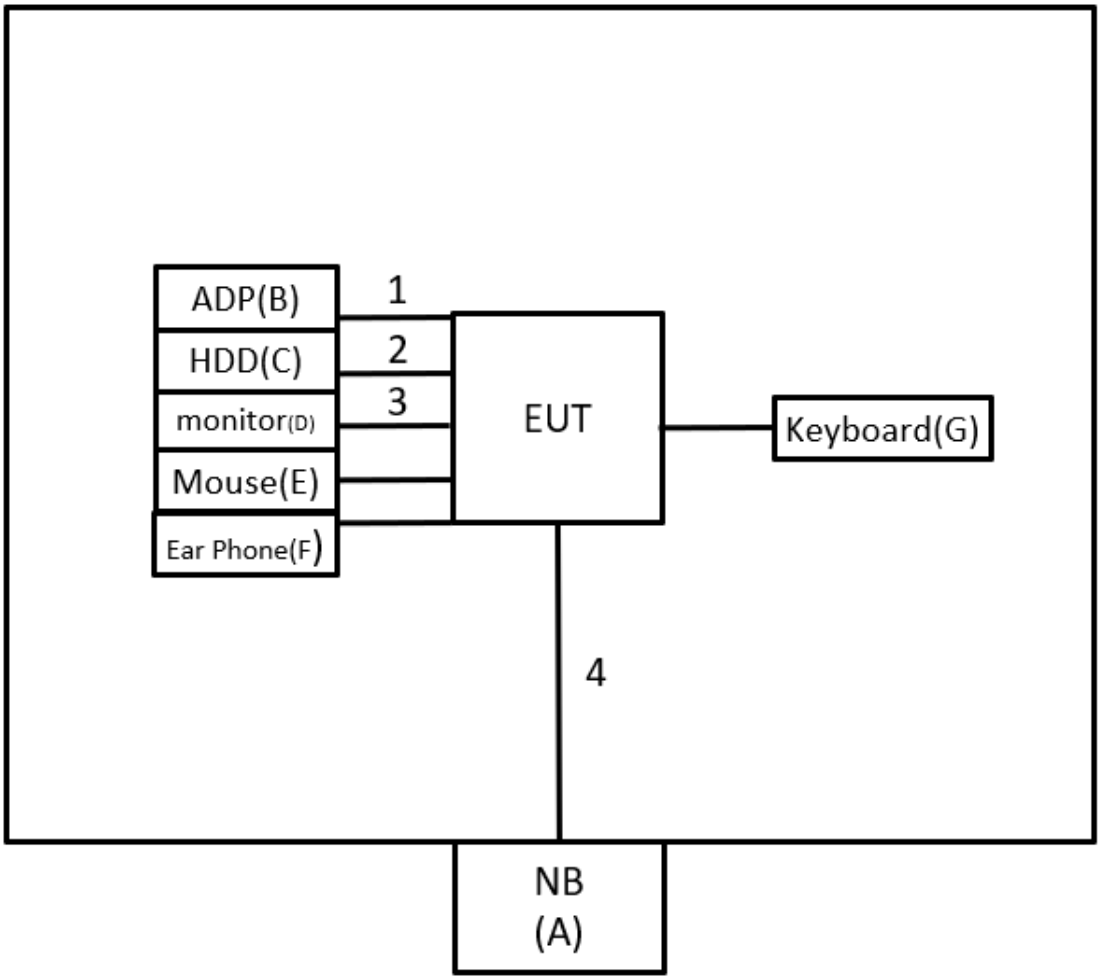
2.2 TEST MODES

Test Items	Band	Test Mode	Note
Effective Isotropic Radiated Power	WCDMA Band II	Refer to APPENDIX A	-
	LTE Band 2		
	LTE Band 25		
Radiated Spurious Emissions (Below 1G)	WCDMA Band II	TX Mode (CH 9538)	-
	LTE Band 2	TX Mode (CH 18900)	-
	LTE Band 25	TX Mode (CH 26590)	-
	LTE Band CA_2C	TX High CH_20MHz+20MHz	-
Radiated Spurious Emissions (Above 1G)	WCDMA Band II	TX Mode (CH 9262/9400/9538)	-
	LTE Band 2	TX Mode (CH 18700/18900/19100)	-
	LTE Band 25	TX Mode (CH 26140/26365/26590)	-
	LTE Band CA_2C	TX Low/middle/High CH_20MHz+20MHz	-
Radiated Spurious Emissions (Above 18G)	WCDMA Band II	TX Mode (CH 9538)	-
	LTE Band 2	TX Mode (CH 18900)	-
	LTE Band 25	TX Mode (CH 26590)	-
	LTE Band CA_2C	TX High CH_20MHz+20MHz	-

NOTE:
(1) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
(2) For Radiated Spurious Emissions both QPSK, 16QAM, 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	ADLX65YSDC2A	N/A	Supplied by test requester.
C	USB 2.5" HDD	TOSIBA	XS700	483B60M9KQSS	Furnished by test lab.
D	27” 4K Monitor	DELL	U2720Q	CN-083VF-WSL00-0B7-332L	Furnished by test lab.
E	Mouse	Lenovo	SM-8823	N/A	Furnished by test lab.
F	Ear Phone	HTC	N/A	N/A	Furnished by test lab.
G	Keyboard	Bloody	KB-8	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	0.9m	Power Cord	Supplied by test requester.
2	N/A	N/A	1m	Type C to USB Cable	Furnished by test lab.
3	N/A	N/A	1.8m	HDMI	Furnished by test lab.
4	N/A	N/A	10m	RJ45 Cable	Furnished by test lab.

3 EFFECTIVE ISOTROPICAL RADIATED POWER MEASUREMENT

3.1 LIMIT

Mobile / Portable station are limited to 2 watts e.i.r.p.

3.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 5.8.

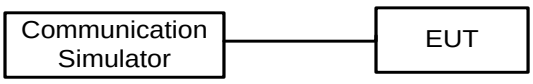
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 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 test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

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

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

4.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 6.2.

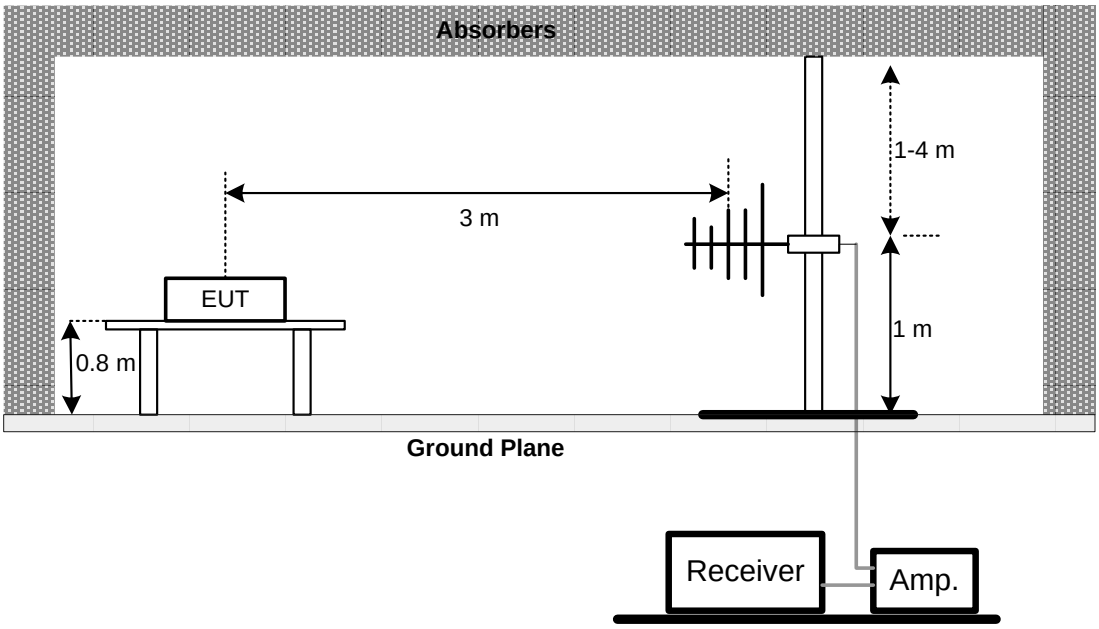
a. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
c. EIRP = Output power level of S.G - TX cable loss + Antenna gain of substitution horn.
d. ERP power can be calculated form EIRP power by subtracting the gain of dipole,
ERP power = EIRP power - 2.15 dBi.
e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is1 MHz / 3 MHz.

4.3 DEVIATION FROM TEST STANDARD

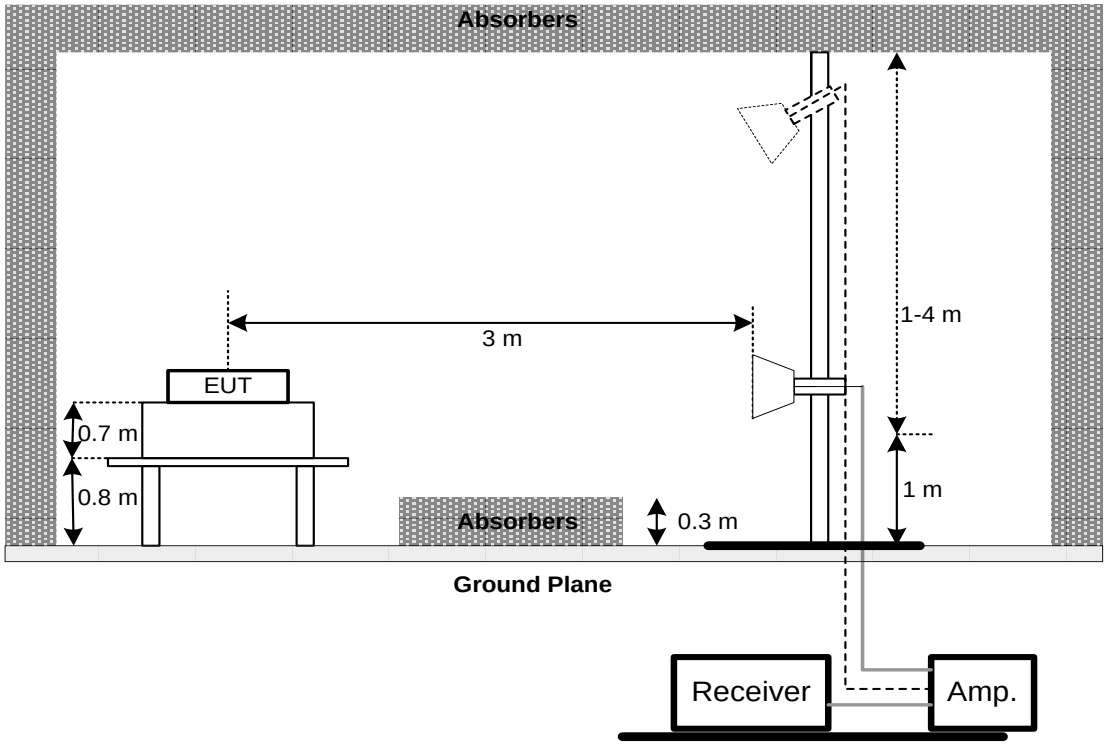
No deviation.

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 Radiated Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2023/7/4	2024/7/3
2	Radio Communication Test Station	ANRITSU	MT8821C	6262044728	2023/11/22	2024/11/21
3	Radio Communication Analyzer	ANRITSU	MT8000A	6262036844	2023/11/22	2024/11/21
4	Radio Communication Analyzer	Keysight	E7515B	MY59020217	2023/7/6	2024/7/5

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2023/3/7	2024/3/6
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Test Cable	EMCI	EMC104-SM-1000	180809	2023/7/10	2024/7/9
5	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2023/3/14	2024/3/13
6	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2023/3/14	2024/3/13
7	EXA Signal Analyzer	keysight	N9020B	MY57120120	2023/2/24	2024/2/23
8	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2023/5/12	2024/5/11
9	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2023/5/12	2024/5/11
10	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2023/5/9	2024/5/8
11	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2023/5/9	2024/5/8
12	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2023/3/14	2024/3/13
13	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2023/3/14	2024/3/13
14	WIRELESS COMMUNICATION TEST SET	Agilent	E5515C	GB47390193	2023/7/4	2024/7/3
15	Radio Communication Analyzer	ANRITSU	MT8820C	6201381608	2022/12/22	2023/12/21
16	Radio Communication Analyzer	Keysight	E7515B	MY59020217	2023/7/6	2024/7/5
17	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

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-2311T076-FCCP-1 (APPENDIX-TEST PHOTOS).

7 EUT PHOTOS

Please refer to document Appendix No.: EP-2311T076-1 (APPENDIX-EUT PHOTOS).

APPENDIX A EFFECTIVE ISOTROPIC RADIATED POWER

WCDMA Band II Power:

Band	Mode	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
WCDMA Band II	Rel 99	9262/9662	1852.4	22.67	19.71	0.094
		9400/9800	1880.0	22.50	19.54	0.090
		9538/9938	1907.6	22.83	19.87	0.097

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSDPA II	1	9262/9662	1852.4	22.46	19.50	0.089
		9400/9800	1880.0	22.32	19.36	0.086
		9538/9938	1907.6	22.68	19.72	0.094
	2	9262/9662	1852.4	21.96	19.00	0.079
		9400/9800	1880.0	21.82	18.86	0.077
		9538/9938	1907.6	22.18	19.22	0.084
	3	9262/9662	1852.4	21.46	18.50	0.071
		9400/9800	1880.0	21.32	18.36	0.069
		9538/9938	1907.6	21.68	18.72	0.074
	4	9262/9662	1852.4	21.46	18.50	0.071
		9400/9800	1880.0	21.32	18.36	0.069
		9538/9938	1907.6	21.68	18.72	0.074

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSUPA II	1	9262/9662	1852.4	22.58	19.62	0.092
		9400/9800	1880.0	22.43	19.47	0.089
		9538/9938	1907.6	22.81	19.85	0.097
	2	9262/9662	1852.4	20.58	17.62	0.058
		9400/9800	1880.0	20.43	17.47	0.056
		9538/9938	1907.6	20.81	17.85	0.061
	3	9262/9662	1852.4	21.58	18.62	0.073
		9400/9800	1880.0	21.43	18.47	0.070
		9538/9938	1907.6	21.81	18.85	0.077
	4	9262/9662	1852.4	20.58	17.62	0.058
		9400/9800	1880.0	20.43	17.47	0.056
		9538/9938	1907.6	20.81	17.85	0.061
	5	9262/9662	1852.4	22.58	19.62	0.092
		9400/9800	1880.0	22.43	19.47	0.089
		9538/9938	1907.6	22.81	19.85	0.097

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 2 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
2	1.4	18607	1850.7	QPSK	1	0	0	22.82	19.86	0.097
					1	2	0	22.86	19.90	0.098
					1	5	0	22.81	19.85	0.097
					6	0	1	21.93	18.97	0.079
				16QAM	1	0	1	22.17	19.21	0.083
					1	2	1	22.22	19.26	0.084
					1	5	1	22.13	19.17	0.083
					6	0	2	21.01	18.05	0.064
				64QAM	1	0	2	22.16	19.20	0.083
					1	2	2	22.10	19.14	0.082
					1	5	2	22.01	19.05	0.080
					6	0	3	21.09	18.13	0.065
				256QAM	1	0	4	18.58	15.62	0.036
					1	2	4	18.60	15.64	0.037
					1	5	4	18.89	15.93	0.039
					6	0	5	18.57	15.61	0.036
		18900	1880.0	QPSK	1	0	0	21.98	19.02	0.080
					1	2	0	22.96	20.00	0.100
					1	5	0	23.01	20.05	0.101
					6	0	1	21.90	18.94	0.078
				16QAM	1	0	1	22.36	19.40	0.087
					1	2	1	22.34	19.38	0.087
					1	5	1	22.30	19.34	0.086
					6	0	2	21.14	18.18	0.066
				64QAM	1	0	2	22.16	19.20	0.083
					1	2	2	22.23	19.27	0.085
					1	5	2	21.78	18.82	0.076
					6	0	3	21.00	18.04	0.064
				256QAM	1	0	4	18.74	15.78	0.038
					1	2	4	18.73	15.77	0.038
					1	5	4	18.60	15.64	0.037
					6	0	5	18.53	15.57	0.036
		19193	1909.3	QPSK	1	0	0	22.18	19.22	0.084
					1	2	0	22.78	19.82	0.096
					1	5	0	22.91	19.95	0.099
					6	0	1	21.90	18.94	0.078
				16QAM	1	0	1	22.20	19.24	0.084
					1	2	1	22.25	19.29	0.085
					1	5	1	22.22	19.26	0.084
					6	0	2	21.16	18.20	0.066
				64QAM	1	0	2	21.87	18.91	0.078
					1	2	2	22.00	19.04	0.080
					1	5	2	21.97	19.01	0.080
					6	0	3	21.01	18.05	0.064
				256QAM	1	0	4	18.48	15.52	0.036
					1	2	4	18.50	15.54	0.036
					1	5	4	18.43	15.47	0.035
					6	0	5	18.42	15.46	0.035

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
2	3	18615	1851.5	QPSK	1	0	0	22.89	19.93	0.098
					1	8	0	22.93	19.97	0.099
					1	14	0	22.88	19.92	0.098
					15	0	1	22.00	19.04	0.080
				16QAM	1	0	1	22.25	19.29	0.085
					1	8	1	22.29	19.33	0.086
					1	14	1	22.18	19.22	0.084
					15	0	2	21.05	18.09	0.064
				64QAM	1	0	2	22.23	19.27	0.085
					1	8	2	22.17	19.21	0.083
					1	14	2	22.05	19.09	0.081
					15	0	3	21.14	18.18	0.066
				256QAM	1	0	4	18.63	15.67	0.037
					1	8	4	18.66	15.70	0.037
					1	14	4	18.94	15.98	0.040
					15	0	5	18.64	15.68	0.037
		18900	1880.0	QPSK	1	0	0	22.02	19.06	0.081
					1	8	0	23.02	20.06	0.101
					1	14	0	23.05	20.09	0.102
					15	0	1	21.98	19.02	0.080
				16QAM	1	0	1	22.42	19.46	0.088
					1	8	1	22.40	19.44	0.088
					1	14	1	22.37	19.41	0.087
					15	0	2	21.21	18.25	0.067
				64QAM	1	0	2	22.21	19.25	0.084
					1	8	2	22.30	19.34	0.086
					1	14	2	21.86	18.90	0.078
					15	0	3	21.06	18.10	0.065
				256QAM	1	0	4	18.78	15.82	0.038
					1	8	4	18.78	15.82	0.038
					1	14	4	18.64	15.68	0.037
					15	0	5	18.60	15.64	0.037
		19185	1908.5	QPSK	1	0	0	22.23	19.27	0.085
					1	8	0	22.85	19.89	0.097
					1	14	0	22.97	20.01	0.100
					15	0	1	21.96	19.00	0.079
				16QAM	1	0	1	22.27	19.31	0.085
					1	8	1	22.31	19.35	0.086
					1	14	1	22.27	19.31	0.085
					15	0	2	21.21	18.25	0.067
				64QAM	1	0	2	21.95	18.99	0.079
					1	8	2	22.07	19.11	0.081
					1	14	2	22.04	19.08	0.081
					15	0	3	21.08	18.12	0.065
				256QAM	1	0	4	18.54	15.58	0.036
					1	8	4	18.56	15.60	0.036
					1	14	4	18.51	15.55	0.036
					15	0	5	18.47	15.51	0.036

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
2	5	18625	1852.5	QPSK	1	0	0	22.97	20.01	0.100
					1	12	0	23.00	20.04	0.101
					1	24	0	22.95	19.99	0.100
					25	0	1	22.04	19.08	0.081
				16QAM	1	0	1	22.30	19.34	0.086
					1	12	1	22.37	19.41	0.087
					1	24	1	22.26	19.30	0.085
					25	0	2	21.10	18.14	0.065
				64QAM	1	0	2	22.27	19.31	0.085
					1	12	2	22.23	19.27	0.085
					1	24	2	22.12	19.16	0.082
					25	0	3	21.21	18.25	0.067
				256QAM	1	0	4	18.70	15.74	0.037
					1	12	4	18.72	15.76	0.038
					1	24	4	19.00	16.04	0.040
					25	0	5	18.70	15.74	0.037
		18900	1880.0	QPSK	1	0	0	22.09	19.13	0.082
					1	12	0	23.10	20.14	0.103
					1	24	0	23.11	20.15	0.104
					25	0	1	22.06	19.10	0.081
				16QAM	1	0	1	22.48	19.52	0.090
					1	12	1	22.45	19.49	0.089
					1	24	1	22.43	19.47	0.089
					25	0	2	21.28	18.32	0.068
				64QAM	1	0	2	22.29	19.33	0.086
					1	12	2	22.37	19.41	0.087
					1	24	2	21.92	18.96	0.079
					25	0	3	21.11	18.15	0.065
				256QAM	1	0	4	18.82	15.86	0.039
					1	12	4	18.85	15.89	0.039
					1	24	4	18.71	15.75	0.038
					25	0	5	18.66	15.70	0.037
		19175	1907.5	QPSK	1	0	0	22.29	19.33	0.086
					1	12	0	22.93	19.97	0.099
					1	24	0	23.01	20.05	0.101
					25	0	1	22.01	19.05	0.080
				16QAM	1	0	1	22.35	19.39	0.087
					1	12	1	22.38	19.42	0.087
					1	24	1	22.32	19.36	0.086
					25	0	2	21.25	18.29	0.067
				64QAM	1	0	2	22.03	19.07	0.081
					1	12	2	22.15	19.19	0.083
					1	24	2	22.11	19.15	0.082
					25	0	3	21.13	18.17	0.066
				256QAM	1	0	4	18.61	15.65	0.037
					1	12	4	18.62	15.66	0.037
					1	24	4	18.56	15.60	0.036
					25	0	5	18.54	15.58	0.036

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
2	10	18650	1855.0	QPSK	1	0	0	23.01	20.05	0.101
					1	24	0	23.05	20.09	0.102
					1	49	0	22.99	20.03	0.101
					50	0	1	22.11	19.15	0.082
				16QAM	1	0	1	22.37	19.41	0.087
					1	24	1	22.42	19.46	0.088
					1	49	1	22.32	19.36	0.086
					50	0	2	21.17	18.21	0.066
				64QAM	1	0	2	22.32	19.36	0.086
					1	24	2	22.28	19.32	0.086
					1	49	2	22.20	19.24	0.084
					50	0	3	21.26	18.30	0.068
				256QAM	1	0	4	18.74	15.78	0.038
					1	24	4	18.78	15.82	0.038
					1	49	4	19.07	16.11	0.041
					50	0	5	18.77	15.81	0.038
		18900	1880.0	QPSK	1	0	0	22.14	19.18	0.083
					1	24	0	23.17	20.21	0.105
					1	49	0	23.16	20.20	0.105
					50	0	1	22.13	19.17	0.083
				16QAM	1	0	1	22.55	19.59	0.091
					1	24	1	22.50	19.54	0.090
					1	49	1	22.50	19.54	0.090
					50	0	2	21.33	18.37	0.069
				64QAM	1	0	2	22.35	19.39	0.087
					1	24	2	22.43	19.47	0.089
					1	49	2	21.99	19.03	0.080
					50	0	3	21.18	18.22	0.066
				256QAM	1	0	4	18.88	15.92	0.039
					1	24	4	18.89	15.93	0.039
					1	49	4	18.77	15.81	0.038
					50	0	5	18.70	15.74	0.037
		19150	1905.0	QPSK	1	0	0	22.35	19.39	0.087
					1	24	0	23.00	20.04	0.101
					1	49	0	23.05	20.09	0.102
					50	0	1	22.09	19.13	0.082
				16QAM	1	0	1	22.40	19.44	0.088
					1	24	1	22.42	19.46	0.088
					1	49	1	22.37	19.41	0.087
					50	0	2	21.29	18.33	0.068
				64QAM	1	0	2	22.10	19.14	0.082
					1	24	2	22.21	19.25	0.084
					1	49	2	22.18	19.22	0.084
					50	0	3	21.19	18.23	0.067
				256QAM	1	0	4	18.65	15.69	0.037
					1	24	4	18.67	15.71	0.037
					1	49	4	18.61	15.65	0.037
					50	0	5	18.58	15.62	0.036

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
2	15	18675	1857.5	QPSK	1	0	0	23.09	20.13	0.103
					1	38	0	23.11	20.15	0.104
					1	74	0	23.06	20.10	0.102
					75	0	1	22.19	19.23	0.084
				16QAM	1	0	1	22.43	19.47	0.089
					1	38	1	22.50	19.54	0.090
					1	74	1	22.37	19.41	0.087
					75	0	2	21.21	18.25	0.067
				64QAM	1	0	2	22.38	19.42	0.087
					1	38	2	22.34	19.38	0.087
					1	74	2	22.24	19.28	0.085
					75	0	3	21.33	18.37	0.069
				256QAM	1	0	4	18.79	15.83	0.038
					1	38	4	18.85	15.89	0.039
					1	74	4	19.15	16.19	0.042
					75	0	5	18.83	15.87	0.039
		18900	1880.0	QPSK	1	0	0	22.20	19.24	0.084
					1	38	0	23.24	20.28	0.107
					1	74	0	23.20	20.24	0.106
					75	0	1	22.19	19.23	0.084
				16QAM	1	0	1	22.62	19.66	0.092
					1	38	1	22.58	19.62	0.092
					1	74	1	22.55	19.59	0.091
					75	0	2	21.38	18.42	0.070
				64QAM	1	0	2	22.41	19.45	0.088
					1	38	2	22.48	19.52	0.090
					1	74	2	22.06	19.10	0.081
					75	0	3	21.25	18.29	0.067
				256QAM	1	0	4	18.92	15.96	0.039
					1	38	4	18.93	15.97	0.040
					1	74	4	18.83	15.87	0.039
					75	0	5	18.78	15.82	0.038
		19125	1902.5	QPSK	1	0	0	22.41	19.45	0.088
					1	38	0	23.08	20.12	0.103
					1	74	0	23.12	20.16	0.104
					75	0	1	22.13	19.17	0.083
				16QAM	1	0	1	22.44	19.48	0.089
					1	38	1	22.47	19.51	0.089
					1	74	1	22.43	19.47	0.089
					75	0	2	21.34	18.38	0.069
				64QAM	1	0	2	22.18	19.22	0.084
					1	38	2	22.26	19.30	0.085
					1	74	2	22.24	19.28	0.085
					75	0	3	21.25	18.29	0.067
				256QAM	1	0	4	18.73	15.77	0.038
					1	38	4	18.71	15.75	0.038
					1	74	4	18.66	15.70	0.037
					75	0	5	18.62	15.66	0.037

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
2	20	18700	1860.0	QPSK	1	0	0	23.16	20.20	0.105
					1	49	0	23.18	20.22	0.105
					1	99	0	23.12	20.16	0.104
					100	0	1	22.26	19.30	0.085
				16QAM	1	0	1	22.47	19.51	0.089
					1	49	1	22.54	19.58	0.091
					1	99	1	22.41	19.45	0.088
					100	0	2	21.25	18.29	0.067
				64QAM	1	0	2	22.43	19.47	0.089
					1	49	2	22.41	19.45	0.088
					1	99	2	22.31	19.35	0.086
					100	0	3	21.40	18.44	0.070
				256QAM	1	0	4	18.85	15.89	0.039
					1	49	4	18.93	15.97	0.040
					1	99	4	19.20	16.24	0.042
					100	0	5	18.89	15.93	0.039
		18900	1880.0	QPSK	1	0	0	22.25	19.29	0.085
					1	49	0	23.30	20.34	0.108
					1	99	0	23.26	20.30	0.107
					100	0	1	22.23	19.27	0.085
				16QAM	1	0	1	22.68	19.72	0.094
					1	49	1	22.63	19.67	0.093
					1	99	1	22.60	19.64	0.092
					100	0	2	21.43	18.47	0.070
				64QAM	1	0	2	22.46	19.50	0.089
					1	49	2	22.53	19.57	0.091
					1	99	2	22.11	19.15	0.082
					100	0	3	21.30	18.34	0.068
				256QAM	1	0	4	18.97	16.01	0.040
					1	49	4	18.98	16.02	0.040
					1	99	4	18.88	15.92	0.039
					100	0	5	18.83	15.87	0.039
		19100	1900.0	QPSK	1	0	0	22.46	19.50	0.089
					1	49	0	23.13	20.17	0.104
					1	99	0	23.17	20.21	0.105
					100	0	1	22.18	19.22	0.084
				16QAM	1	0	1	22.49	19.53	0.090
					1	49	1	22.52	19.56	0.090
					1	99	1	22.48	19.52	0.090
					100	0	2	21.39	18.43	0.070
				64QAM	1	0	2	22.23	19.27	0.085
					1	49	2	22.31	19.35	0.086
					1	99	2	22.29	19.33	0.086
					100	0	3	21.30	18.34	0.068
				256QAM	1	0	4	18.78	15.82	0.038
					1	49	4	18.76	15.80	0.038
					1	99	4	18.71	15.75	0.038
					100	0	5	18.67	15.71	0.037

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 25 Power:

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	**EIRP** power (dBm)	**EIRP** power (W)
25	1.4	26047	1850.7	QPSK	1	0	0	23.11	20.23	0.105
					1	2	0	23.08	20.20	0.105
					1	5	0	23.13	20.25	0.106
					6	0	1	22.09	19.21	0.083
				16QAM	1	0	1	22.43	19.55	0.090
					1	2	1	22.37	19.49	0.089
					1	5	1	22.25	19.37	0.086
					6	0	2	22.17	19.29	0.085
				64QAM	1	0	2	22.28	19.40	0.087
					1	2	2	22.19	19.31	0.085
					1	5	2	22.13	19.25	0.084
					6	0	3	21.11	18.23	0.067
				256QAM	1	0	4	18.57	15.69	0.037
					1	2	4	18.72	15.84	0.038
					1	5	4	18.80	15.92	0.039
					6	0	5	18.55	15.67	0.037
		26365	1882.5	QPSK	1	0	0	23.11	20.23	0.105
					1	2	0	23.00	20.12	0.103
					1	5	0	23.12	20.24	0.106
					6	0	1	22.01	19.13	0.082
				16QAM	1	0	1	22.34	19.46	0.088
					1	2	1	22.44	19.56	0.090
					1	5	1	22.38	19.50	0.089
					6	0	2	21.11	18.23	0.067
				64QAM	1	0	2	22.23	19.35	0.086
					1	2	2	22.26	19.38	0.087
					1	5	2	22.10	19.22	0.084
					6	0	3	21.08	18.20	0.066
				256QAM	1	0	4	18.73	15.85	0.038
					1	2	4	18.89	16.01	0.040
					1	5	4	18.79	15.91	0.039
					6	0	5	18.50	15.62	0.036
		26683	1914.3	QPSK	1	0	0	23.05	20.17	0.104
					1	2	0	23.00	20.12	0.103
					1	5	0	23.18	20.30	0.107
					6	0	1	22.15	19.27	0.085
				16QAM	1	0	1	22.36	19.48	0.089
					1	2	1	22.27	19.39	0.087
					1	5	1	22.38	19.50	0.089
					6	0	2	21.21	18.33	0.068
				64QAM	1	0	2	22.20	19.32	0.086
					1	2	2	22.14	19.26	0.084
					1	5	2	21.69	18.81	0.076
					6	0	3	21.16	18.28	0.067
				256QAM	1	0	4	18.72	15.84	0.038
					1	2	4	18.75	15.87	0.039
					1	5	4	18.81	15.93	0.039
					6	0	5	18.69	15.81	0.038

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
25	3	26055	1851.5	QPSK	1	0	0	23.18	20.30	0.107
					1	8	0	23.15	20.27	0.106
					1	14	0	23.20	20.32	0.108
					15	0	1	22.16	19.28	0.085
				16QAM	1	0	1	22.51	19.63	0.092
					1	8	1	22.44	19.56	0.090
					1	14	1	22.30	19.42	0.087
					15	0	2	22.21	19.33	0.086
				64QAM	1	0	2	22.35	19.47	0.089
					1	8	2	22.26	19.38	0.087
					1	14	2	22.17	19.29	0.085
					15	0	3	21.16	18.28	0.067
				256QAM	1	0	4	18.62	15.74	0.037
					1	8	4	18.78	15.90	0.039
					1	14	4	18.85	15.97	0.040
					15	0	5	18.62	15.74	0.037
		26365	1882.5	QPSK	1	0	0	23.15	20.27	0.106
					1	8	0	23.06	20.18	0.104
					1	14	0	23.16	20.28	0.107
					15	0	1	22.09	19.21	0.083
				16QAM	1	0	1	22.40	19.52	0.090
					1	8	1	22.50	19.62	0.092
					1	14	1	22.45	19.57	0.091
					15	0	2	21.18	18.30	0.068
				64QAM	1	0	2	22.28	19.40	0.087
					1	8	2	22.33	19.45	0.088
					1	14	2	22.18	19.30	0.085
					15	0	3	21.14	18.26	0.067
				256QAM	1	0	4	18.77	15.89	0.039
					1	8	4	18.94	16.06	0.040
					1	14	4	18.83	15.95	0.039
					15	0	5	18.57	15.69	0.037
		26675	1913.5	QPSK	1	0	0	23.10	20.22	0.105
					1	8	0	23.07	20.19	0.104
					1	14	0	23.24	20.36	0.109
					15	0	1	22.21	19.33	0.086
				16QAM	1	0	1	22.43	19.55	0.090
					1	8	1	22.33	19.45	0.088
					1	14	1	22.43	19.55	0.090
					15	0	2	21.26	18.38	0.069
				64QAM	1	0	2	22.28	19.40	0.087
					1	8	2	22.21	19.33	0.086
					1	14	2	21.76	18.88	0.077
					15	0	3	21.23	18.35	0.068
				256QAM	1	0	4	18.78	15.90	0.039
					1	8	4	18.81	15.93	0.039
					1	14	4	18.89	16.01	0.040
					15	0	5	18.74	15.86	0.039

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
25	5	26065	1852.5	QPSK	1	0	0	23.26	20.38	0.109
					1	12	0	23.22	20.34	0.108
					1	24	0	23.27	20.39	0.109
					25	0	1	22.20	19.32	0.086
				16QAM	1	0	1	22.56	19.68	0.093
					1	12	1	22.52	19.64	0.092
					1	24	1	22.38	19.50	0.089
					25	0	2	22.26	19.38	0.087
				64QAM	1	0	2	22.39	19.51	0.089
					1	12	2	22.32	19.44	0.088
					1	24	2	22.24	19.36	0.086
					25	0	3	21.23	18.35	0.068
				256QAM	1	0	4	18.69	15.81	0.038
					1	12	4	18.84	15.96	0.039
					1	24	4	18.91	16.03	0.040
					25	0	5	18.68	15.80	0.038
		26365	1882.5	QPSK	1	0	0	23.22	20.34	0.108
					1	12	0	23.14	20.26	0.106
					1	24	0	23.22	20.34	0.108
					25	0	1	22.17	19.29	0.085
				16QAM	1	0	1	22.46	19.58	0.091
					1	12	1	22.55	19.67	0.093
					1	24	1	22.51	19.63	0.092
					25	0	2	21.25	18.37	0.069
				64QAM	1	0	2	22.36	19.48	0.089
					1	12	2	22.40	19.52	0.090
					1	24	2	22.24	19.36	0.086
					25	0	3	21.19	18.31	0.068
				256QAM	1	0	4	18.81	15.93	0.039
					1	12	4	19.01	16.13	0.041
					1	24	4	18.90	16.02	0.040
					25	0	5	18.63	15.75	0.038
		26665	1912.5	QPSK	1	0	0	23.16	20.28	0.107
					1	12	0	23.15	20.27	0.106
					1	24	0	23.28	20.40	0.110
					25	0	1	22.26	19.38	0.087
				16QAM	1	0	1	22.51	19.63	0.092
					1	12	1	22.40	19.52	0.090
					1	24	1	22.48	19.60	0.091
					25	0	2	21.30	18.42	0.070
				64QAM	1	0	2	22.36	19.48	0.089
					1	12	2	22.29	19.41	0.087
					1	24	2	21.83	18.95	0.079
					25	0	3	21.28	18.40	0.069
				256QAM	1	0	4	18.85	15.97	0.040
					1	12	4	18.87	15.99	0.040
					1	24	4	18.94	16.06	0.040
					25	0	5	18.81	15.93	0.039

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
25	10	26090	1855.0	QPSK	1	0	0	23.30	20.42	0.110
					1	24	0	23.27	20.39	0.109
					1	49	0	23.31	20.43	0.110
					50	0	1	22.27	19.39	0.087
				16QAM	1	0	1	22.63	19.75	0.094
					1	24	1	22.57	19.69	0.093
					1	49	1	22.44	19.56	0.090
					50	0	2	22.33	19.45	0.088
				64QAM	1	0	2	22.44	19.56	0.090
					1	24	2	22.37	19.49	0.089
					1	49	2	22.32	19.44	0.088
					50	0	3	21.28	18.40	0.069
				256QAM	1	0	4	18.73	15.85	0.038
					1	24	4	18.90	16.02	0.040
					1	49	4	18.98	16.10	0.041
					50	0	5	18.75	15.87	0.039
		26365	1882.5	QPSK	1	0	0	23.27	20.39	0.109
					1	24	0	23.21	20.33	0.108
					1	49	0	23.27	20.39	0.109
					50	0	1	22.24	19.36	0.086
				16QAM	1	0	1	22.53	19.65	0.092
					1	24	1	22.60	19.72	0.094
					1	49	1	22.58	19.70	0.093
					50	0	2	21.30	18.42	0.070
				64QAM	1	0	2	22.42	19.54	0.090
					1	24	2	22.46	19.58	0.091
					1	49	2	22.31	19.43	0.088
					50	0	3	21.26	18.38	0.069
				256QAM	1	0	4	18.87	15.99	0.040
					1	24	4	19.05	16.17	0.041
					1	49	4	18.96	16.08	0.041
					50	0	5	18.67	15.79	0.038
		26640	1910.0	QPSK	1	0	0	23.22	20.34	0.108
					1	24	0	23.22	20.34	0.108
					1	49	0	23.32	20.44	0.111
					50	0	1	22.34	19.46	0.088
				16QAM	1	0	1	22.56	19.68	0.093
					1	24	1	22.44	19.56	0.090
					1	49	1	22.53	19.65	0.092
					50	0	2	21.34	18.46	0.070
				64QAM	1	0	2	22.43	19.55	0.090
					1	24	2	22.35	19.47	0.089
					1	49	2	21.90	19.02	0.080
					50	0	3	21.34	18.46	0.070
				256QAM	1	0	4	18.89	16.01	0.040
					1	24	4	18.92	16.04	0.040
					1	49	4	18.99	16.11	0.041
					50	0	5	18.85	15.97	0.040

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
25	15	26115	1857.5	QPSK	1	0	0	23.38	20.50	0.112
					1	38	0	23.33	20.45	0.111
					1	74	0	23.38	20.50	0.112
					75	0	1	22.35	19.47	0.089
				16QAM	1	0	1	22.69	19.81	0.096
					1	38	1	22.65	19.77	0.095
					1	74	1	22.49	19.61	0.091
					75	0	2	22.37	19.49	0.089
				64QAM	1	0	2	22.50	19.62	0.092
					1	38	2	22.43	19.55	0.090
					1	74	2	22.36	19.48	0.089
					75	0	3	21.35	18.47	0.070
				256QAM	1	0	4	18.78	15.90	0.039
					1	38	4	18.97	16.09	0.041
					1	74	4	19.06	16.18	0.041
					75	0	5	18.81	15.93	0.039
		26365	1882.5	QPSK	1	0	0	23.33	20.45	0.111
					1	38	0	23.28	20.40	0.110
					1	74	0	23.31	20.43	0.110
					75	0	1	22.30	19.42	0.087
				16QAM	1	0	1	22.60	19.72	0.094
					1	38	1	22.68	19.80	0.095
					1	74	1	22.63	19.75	0.094
					75	0	2	21.35	18.47	0.070
				64QAM	1	0	2	22.48	19.60	0.091
					1	38	2	22.51	19.63	0.092
					1	74	2	22.38	19.50	0.089
					75	0	3	21.33	18.45	0.070
				256QAM	1	0	4	18.91	16.03	0.040
					1	38	4	19.09	16.21	0.042
					1	74	4	19.02	16.14	0.041
					75	0	5	18.75	15.87	0.039
		26615	1907.5	QPSK	1	0	0	23.28	20.40	0.110
					1	38	0	23.30	20.42	0.110
					1	74	0	23.39	20.51	0.112
					75	0	1	22.38	19.50	0.089
				16QAM	1	0	1	22.60	19.72	0.094
					1	38	1	22.49	19.61	0.091
					1	74	1	22.59	19.71	0.094
					75	0	2	21.39	18.51	0.071
				64QAM	1	0	2	22.51	19.63	0.092
					1	38	2	22.40	19.52	0.090
					1	74	2	21.96	19.08	0.081
					75	0	3	21.40	18.52	0.071
				256QAM	1	0	4	18.97	16.09	0.041
					1	38	4	18.96	16.08	0.041
					1	74	4	19.04	16.16	0.041
					75	0	5	18.89	16.01	0.040

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
25	20	26140	1860.0	QPSK	1	0	0	23.45	20.57	0.114
					1	49	0	23.40	20.52	0.113
					1	99	0	23.44	20.56	0.114
					100	0	1	22.42	19.54	0.090
				16QAM	1	0	1	22.73	19.85	0.097
					1	49	1	22.69	19.81	0.096
					1	99	1	22.53	19.65	0.092
					100	0	2	22.41	19.53	0.090
				64QAM	1	0	2	22.55	19.67	0.093
					1	49	2	22.50	19.62	0.092
					1	99	2	22.43	19.55	0.090
					100	0	3	21.42	18.54	0.071
				256QAM	1	0	4	18.84	15.96	0.039
					1	49	4	19.05	16.17	0.041
					1	99	4	19.11	16.23	0.042
					100	0	5	18.87	15.99	0.040
		26365	1882.5	QPSK	1	0	0	23.38	20.50	0.112
					1	49	0	23.34	20.46	0.111
					1	99	0	23.37	20.49	0.112
					100	0	1	22.34	19.46	0.088
				16QAM	1	0	1	22.66	19.78	0.095
					1	49	1	22.73	19.85	0.097
					1	99	1	22.68	19.80	0.095
					100	0	2	21.40	18.52	0.071
				64QAM	1	0	2	22.53	19.65	0.092
					1	49	2	22.56	19.68	0.093
					1	99	2	22.43	19.55	0.090
					100	0	3	21.38	18.50	0.071
				256QAM	1	0	4	18.96	16.08	0.041
					1	49	4	19.14	16.26	0.042
					1	99	4	19.07	16.19	0.042
					100	0	5	18.80	15.92	0.039
		26590	1905.0	QPSK	1	0	0	23.33	20.45	0.111
					1	49	0	23.35	20.47	0.111
					1	99	0	23.44	20.56	0.114
					100	0	1	22.43	19.55	0.090
				16QAM	1	0	1	22.65	19.77	0.095
					1	49	1	22.54	19.66	0.092
					1	99	1	22.64	19.76	0.095
					100	0	2	21.44	18.56	0.072
				64QAM	1	0	2	22.56	19.68	0.093
					1	49	2	22.45	19.57	0.091
					1	99	2	22.01	19.13	0.082
					100	0	3	21.45	18.57	0.072
				256QAM	1	0	4	19.02	16.14	0.041
					1	49	4	19.01	16.13	0.041
					1	99	4	19.09	16.21	0.042
					100	0	5	18.94	16.06	0.040

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_2C 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	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	5+20	18633 18750	1853.3 1865	QPSK	1	0	0	0	1	23.71	20.75	0.119
					25	0	100	0	2	21.01	18.05	0.064
				16QAM	1	0	0	0	1.5	22.18	19.22	0.084
					25	0	100	0	3	19.98	17.02	0.050
				64QAM	1	0	0	0	2	20.90	17.94	0.062
					25	0	100	0	2	19.25	16.29	0.043
				256QAM	1	0	0	0	6	18.07	15.11	0.032
					25	0	100	0	6	18.24	15.28	0.034
		18808 18925	1870.8 1882.5	QPSK	1	0	0	0	1	23.95	20.99	0.126
					25	0	100	0	2	21.22	18.26	0.067
				16QAM	1	0	0	0	1.5	22.45	19.49	0.089
					25	0	100	0	3	20.42	17.46	0.056
				64QAM	1	0	0	0	2	21.31	18.35	0.068
					25	0	100	0	2	19.35	16.39	0.044
				256QAM	1	0	0	0	6	18.50	15.54	0.036
					25	0	100	0	6	18.39	15.43	0.035
		18983 19100	1888.3 1900	QPSK	1	0	0	0	1	24.50	21.54	0.143
					25	0	100	0	2	21.10	18.14	0.065
				16QAM	1	0	0	0	1.5	22.82	19.86	0.097
					25	0	100	0	3	20.32	17.36	0.054
				64QAM	1	0	0	0	2	21.57	18.61	0.073
					25	0	100	0	2	19.34	16.38	0.043
				256QAM	1	0	0	0	6	18.67	15.71	0.037
					25	0	100	0	6	18.37	15.41	0.035

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	10+15	18653 18773	1855.3 1867.3	QPSK	1	0	0	0	1	23.78	20.82	0.121
					50	0	75	0	2	21.04	18.08	0.064
				16QAM	1	0	0	0	1.5	22.23	19.27	0.085
					50	0	75	0	3	20.07	17.11	0.051
				64QAM	1	0	0	0	2	20.93	17.97	0.063
					50	0	75	0	2	19.28	16.32	0.043
				256QAM	1	0	0	0	6	18.11	15.15	0.033
					50	0	75	0	6	18.33	15.37	0.034
		18892 18949	1879.2 1884.9	QPSK	1	0	0	0	1	24.03	21.07	0.128
					50	0	75	0	2	21.27	18.31	0.068
				16QAM	1	0	0	0	1.5	22.48	19.52	0.090
					50	0	75	0	3	20.47	17.51	0.056
				64QAM	1	0	0	0	2	21.39	18.43	0.070
					50	0	75	0	2	19.39	16.43	0.044
				256QAM	1	0	0	0	6	18.53	15.57	0.036
					50	0	75	0	6	18.43	15.47	0.035
		19005 19125	1890.5 1902.5	QPSK	1	0	0	0	1	24.51	21.55	0.143
					50	0	75	0	2	21.20	18.24	0.067
				16QAM	1	0	0	0	1.5	22.86	19.90	0.098
					50	0	75	0	3	20.37	17.41	0.055
				64QAM	1	0	0	0	2	21.65	18.69	0.074
					50	0	75	0	2	19.38	16.42	0.044
				256QAM	1	0	0	0	6	18.74	15.78	0.038
					50	0	75	0	6	18.44	15.48	0.035

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	10+20	18655 18799	1855.5 1869.9	QPSK	1	0	0	0	1	23.88	20.92	0.124
					50	0	100	0	2	21.11	18.15	0.065
				16QAM	1	0	0	0	1.5	22.25	19.29	0.085
					50	0	100	0	3	20.15	17.19	0.052
				64QAM	1	0	0	0	2	21.03	18.07	0.064
					50	0	100	0	2	19.31	16.35	0.043
				256QAM	1	0	0	0	6	18.13	15.17	0.033
					50	0	100	0	6	18.38	15.42	0.035
		18806 18950	1870.6 1885	QPSK	1	0	0	0	1	24.13	21.17	0.131
					50	0	100	0	2	21.29	18.33	0.068
				16QAM	1	0	0	0	1.5	22.50	19.54	0.090
					50	0	100	0	3	20.53	17.57	0.057
				64QAM	1	0	0	0	2	21.43	18.47	0.070
					50	0	100	0	2	19.43	16.47	0.044
				256QAM	1	0	0	0	6	18.54	15.58	0.036
					50	0	100	0	6	18.53	15.57	0.036
		18956 19100	1885.6 1900	QPSK	1	0	0	0	1	24.54	21.58	0.144
					50	0	100	0	2	21.29	18.33	0.068
				16QAM	1	0	0	0	1.5	22.92	19.96	0.099
					50	0	100	0	3	20.41	17.45	0.056
				64QAM	1	0	0	0	2	21.72	18.76	0.075
					50	0	100	0	2	19.47	16.51	0.045
				256QAM	1	0	0	0	6	18.80	15.84	0.038
					50	0	100	0	6	18.48	15.52	0.036

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	15+10	18675 18795	1857.5 1869.5	QPSK	1	0	0	0	1	23.97	21.01	0.126
					75	0	50	0	2	21.16	18.20	0.066
				16QAM	1	0	0	0	1.5	22.29	19.33	0.086
					75	0	50	0	3	20.24	17.28	0.053
				64QAM	1	0	0	0	2	21.07	18.11	0.065
					75	0	50	0	2	19.40	16.44	0.044
				256QAM	1	0	0	0	6	18.19	15.23	0.033
					75	0	50	0	6	18.48	15.52	0.036
		18851 18971	1875.1 1887.1	QPSK	1	0	0	0	1	24.22	21.26	0.134
					75	0	50	0	2	21.33	18.37	0.069
				16QAM	1	0	0	0	1.5	22.53	19.57	0.091
					75	0	50	0	3	20.58	17.62	0.058
				64QAM	1	0	0	0	2	21.48	18.52	0.071
					75	0	50	0	2	19.47	16.51	0.045
				256QAM	1	0	0	0	6	18.61	15.65	0.037
					75	0	50	0	6	18.62	15.66	0.037
		19027 19147	1892.7 1904.7	QPSK	1	0	0	0	1	24.61	21.65	0.146
					75	0	50	0	2	21.35	18.39	0.069
				16QAM	1	0	0	0	1.5	22.93	19.97	0.099
					75	0	50	0	3	20.47	17.51	0.056
				64QAM	1	0	0	0	2	21.78	18.82	0.076
					75	0	50	0	2	19.57	16.61	0.046
				256QAM	1	0	0	0	6	18.85	15.89	0.039
					75	0	50	0	6	18.56	15.60	0.036

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	15+15	18675 18825	1857.5 1872.5	QPSK	1	0	0	0	1	24.07	21.11	0.129
					75	0	75	0	2	21.25	18.29	0.067
				16QAM	1	0	0	0	1.5	22.35	19.39	0.087
					75	0	75	0	3	20.30	17.34	0.054
				64QAM	1	0	0	0	2	21.10	18.14	0.065
					75	0	75	0	2	19.42	16.46	0.044
				256QAM	1	0	0	0	6	18.24	15.28	0.034
					75	0	75	0	6	18.53	15.57	0.036
		18825 18975	1872.5 1887.5	QPSK	1	0	0	0	1	24.29	21.33	0.136
					75	0	75	0	2	21.41	18.45	0.070
				16QAM	1	0	0	0	1.5	22.61	19.65	0.092
					75	0	75	0	3	20.62	17.66	0.058
				64QAM	1	0	0	0	2	21.57	18.61	0.073
					75	0	75	0	2	19.53	16.57	0.045
				256QAM	1	0	0	0	6	18.71	15.75	0.038
					75	0	75	0	6	18.68	15.72	0.037
		18975 19125	1887.5 1902.5	QPSK	1	0	0	0	1	24.67	21.71	0.148
					75	0	75	0	2	21.42	18.46	0.070
				16QAM	1	0	0	0	1.5	22.96	20.00	0.100
					75	0	75	0	3	20.50	17.54	0.057
				64QAM	1	0	0	0	2	21.83	18.87	0.077
					75	0	75	0	2	19.58	16.62	0.046
				256QAM	1	0	0	0	6	18.91	15.95	0.039
					75	0	75	0	6	18.60	15.64	0.037

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	15+20	18678 18849	1857.8 1874.9	QPSK	1	0	0	0	1	24.16	21.20	0.132
					75	0	100	0	2	21.34	18.38	0.069
				16QAM	1	0	0	0	1.5	22.39	19.43	0.088
					75	0	100	0	3	20.39	17.43	0.055
				64QAM	1	0	0	0	2	21.17	18.21	0.066
					75	0	100	0	2	19.51	16.55	0.045
				256QAM	1	0	0	0	6	18.27	15.31	0.034
					75	0	100	0	6	18.57	15.61	0.036
		18803 18974	1870.3 1887.4	QPSK	1	0	0	0	1	24.38	21.42	0.139
					75	0	100	0	2	21.50	18.54	0.071
				16QAM	1	0	0	0	1.5	22.69	19.73	0.094
					75	0	100	0	3	20.64	17.68	0.059
				64QAM	1	0	0	0	2	21.62	18.66	0.073
					75	0	100	0	2	19.56	16.60	0.046
				256QAM	1	0	0	0	6	18.78	15.82	0.038
					75	0	100	0	6	18.70	15.74	0.037
		18929 19100	1882.9 1900	QPSK	1	0	0	0	1	24.69	21.73	0.149
					75	0	100	0	2	21.49	18.53	0.071
				16QAM	1	0	0	0	1.5	23.01	20.05	0.101
					75	0	100	0	3	20.53	17.57	0.057
				64QAM	1	0	0	0	2	21.91	18.95	0.079
					75	0	100	0	2	19.66	16.70	0.047
				256QAM	1	0	0	0	6	19.00	16.04	0.040
					75	0	100	0	6	18.63	15.67	0.037

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	20+5	18700 18817	1860 1871.7	QPSK	1	0	0	0	2	24.17	21.21	0.132
					100	0	25	0	1	21.38	18.42	0.070
				16QAM	1	0	0	0	3	22.45	19.49	0.089
					100	0	25	0	1.5	20.44	17.48	0.056
				64QAM	1	0	0	0	2	21.27	18.31	0.068
					100	0	25	0	2	19.57	16.61	0.046
				256QAM	1	0	0	0	6	18.33	15.37	0.034
					100	0	25	0	6	18.65	15.69	0.037
		18875 18992	1877.5 1889.2	QPSK	1	0	0	0	2	24.41	21.45	0.140
					100	0	25	0	1	21.53	18.57	0.072
				16QAM	1	0	0	0	3	22.72	19.76	0.095
					100	0	25	0	1.5	20.67	17.71	0.059
				64QAM	1	0	0	0	2	21.66	18.70	0.074
					100	0	25	0	2	19.65	16.69	0.047
				256QAM	1	0	0	0	6	18.83	15.87	0.039
					100	0	25	0	6	18.79	15.83	0.038
		19050 19167	1895 1906.7	QPSK	1	0	0	0	2	23.85	20.89	0.123
					100	0	25	0	1	21.59	18.63	0.073
				16QAM	1	0	0	0	3	23.10	20.14	0.103
					100	0	25	0	1.5	20.58	17.62	0.058
				64QAM	1	0	0	0	2	21.98	19.02	0.080
					100	0	25	0	2	19.72	16.76	0.047
				256QAM	1	0	0	0	6	19.10	16.14	0.041
					100	0	25	0	6	18.71	15.75	0.038

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	20+10	18700 18844	1860 1874.4	QPSK	1	0	0	0	2	24.24	21.28	0.134
					100	0	50	0	1	21.43	18.47	0.070
				16QAM	1	0	0	0	3	22.53	19.57	0.091
					100	0	50	0	1.5	20.48	17.52	0.056
				64QAM	1	0	0	0	2	21.35	18.39	0.069
					100	0	50	0	2	19.67	16.71	0.047
				256QAM	1	0	0	0	6	18.42	15.46	0.035
					100	0	50	0	6	18.68	15.72	0.037
		18851 18995	1875.1 1889.5	QPSK	1	0	0	0	2	24.47	21.51	0.142
					100	0	50	0	1	21.57	18.61	0.073
				16QAM	1	0	0	0	3	22.77	19.81	0.096
					100	0	50	0	1.5	20.71	17.75	0.060
				64QAM	1	0	0	0	2	21.72	18.76	0.075
					100	0	50	0	2	19.67	16.71	0.047
				256QAM	1	0	0	0	6	18.86	15.90	0.039
					100	0	50	0	6	18.86	15.90	0.039
		19001 19145	1890.1 1904.5	QPSK	1	0	0	0	2	23.86	20.90	0.123
					100	0	50	0	1	21.65	18.69	0.074
				16QAM	1	0	0	0	3	23.17	20.21	0.105
					100	0	50	0	1.5	20.64	17.68	0.059
				64QAM	1	0	0	0	2	21.99	19.03	0.080
					100	0	50	0	2	19.75	16.79	0.048
				256QAM	1	0	0	0	6	19.13	16.17	0.041
					100	0	50	0	6	18.74	15.78	0.038

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2+2	20+15	18700 18871	1860 1877.1	QPSK	1	0	0	0	1	24.34	21.38	0.137
					100	0	75	0	2	21.53	18.57	0.072
				16QAM	1	0	0	0	1.5	22.63	19.67	0.093
					100	0	75	0	3	20.57	17.61	0.058
				64QAM	1	0	0	0	2	21.38	18.42	0.070
					100	0	75	0	2	19.69	16.73	0.047
				256QAM	1	0	0	0	6	18.49	15.53	0.036
					100	0	75	0	6	18.76	15.80	0.038
		18826 18997	1872.6 1889.7	QPSK	1	0	0	0	1	24.49	21.53	0.142
					100	0	75	0	2	21.63	18.67	0.074
				16QAM	1	0	0	0	1.5	22.85	19.89	0.097
					100	0	75	0	3	20.72	17.76	0.060
				64QAM	1	0	0	0	2	21.80	18.84	0.077
					100	0	75	0	2	19.76	16.80	0.048
				256QAM	1	0	0	0	6	18.87	15.91	0.039
					100	0	75	0	6	18.93	15.97	0.040
		18951 19122	1885.1 1902.2	QPSK	1	0	0	0	1	23.90	20.94	0.124
					100	0	75	0	2	21.67	18.71	0.074
				16QAM	1	0	0	0	1.5	23.19	20.23	0.105
					100	0	75	0	3	20.67	17.71	0.059
				64QAM	1	0	0	0	2	22.06	19.10	0.081
					100	0	75	0	2	19.77	16.81	0.048
				256QAM	1	0	0	0	6	19.20	16.24	0.042
					100	0	75	0	6	18.80	15.84	0.038

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

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	PCC UL RB Allocation	PCC UL RB Start	SCC UL RB Allocation	SCC UL RB Start	MPR	Average power (dBm)	EIRP power (dBm)	EIRP power (W)
Band 2	20+20	18700 18898	1860 1879.8	QPSK	1	0	0	0	1	24.37	21.41	0.138
					100	0	100	0	2	21.60	18.64	0.073
				16QAM	1	0	0	0	1.5	22.72	19.76	0.095
					100	0	100	0	3	20.62	17.66	0.058
				64QAM	1	0	0	0	2	21.41	18.45	0.070
					100	0	100	0	2	19.72	16.76	0.047
				256QAM	1	0	0	0	6	18.58	15.62	0.036
					100	0	100	0	6	18.80	15.84	0.038
		18801 18999	1870.1 1889.9	QPSK	1	0	0	0	1	24.54	21.58	0.144
					100	0	100	0	2	21.71	18.75	0.075
				16QAM	1	0	0	0	1.5	22.90	19.94	0.099
					100	0	100	0	3	20.75	17.79	0.060
				64QAM	1	0	0	0	2	21.84	18.88	0.077
					100	0	100	0	2	19.84	16.88	0.049
				256QAM	1	0	0	0	6	18.91	15.95	0.039
					100	0	100	0	6	18.96	16.00	0.040
		18902 19100	1880.2 1900	QPSK	1	0	0	0	1	24.00	21.04	0.127
					100	0	100	0	2	21.68	18.72	0.074
				16QAM	1	0	0	0	1.5	23.24	20.28	0.107
					100	0	100	0	3	20.71	17.75	0.060
				64QAM	1	0	0	0	2	22.10	19.14	0.082
					100	0	100	0	2	19.85	16.89	0.049
				256QAM	1	0	0	0	6	19.27	16.31	0.043
					100	0	100	0	6	18.87	15.91	0.039

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

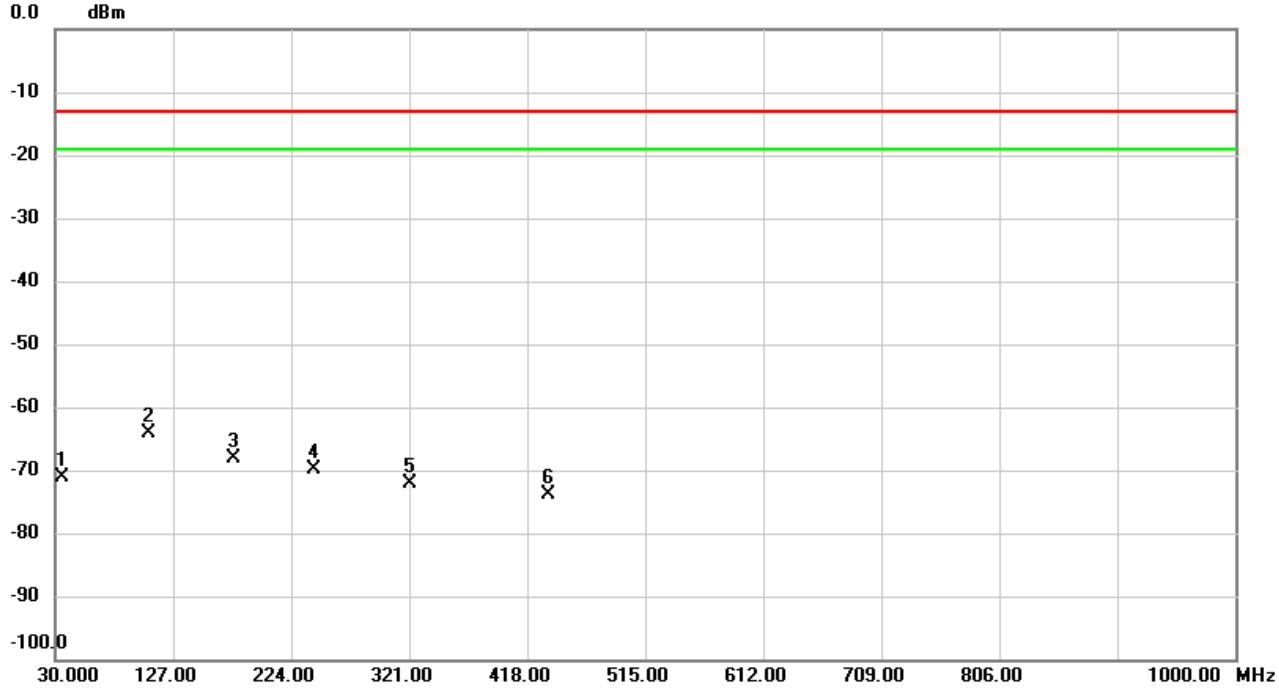
APPENDIX B RADIATED SPURIOUS EMISSIONS

Test Mode	WCDMA Band II	Test Date	2023/11/29
Test Channel	CH9538	Polarization	Vertical
Temp	23°C	Hum.	56%

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		42.0280	-62.27	-8.44	-70.71	-13.00	-57.71	peak	
2	*	97.1887	-61.99	-6.12	-68.11	-13.00	-55.11	peak	
3		163.5367	-68.76	-2.04	-70.80	-13.00	-57.80	peak	
4		242.9797	-70.65	-2.53	-73.18	-13.00	-60.18	peak	
5		321.0323	-71.59	-3.09	-74.68	-13.00	-61.68	peak	
6		586.4567	-74.59	3.09	-71.50	-13.00	-58.50	peak	

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

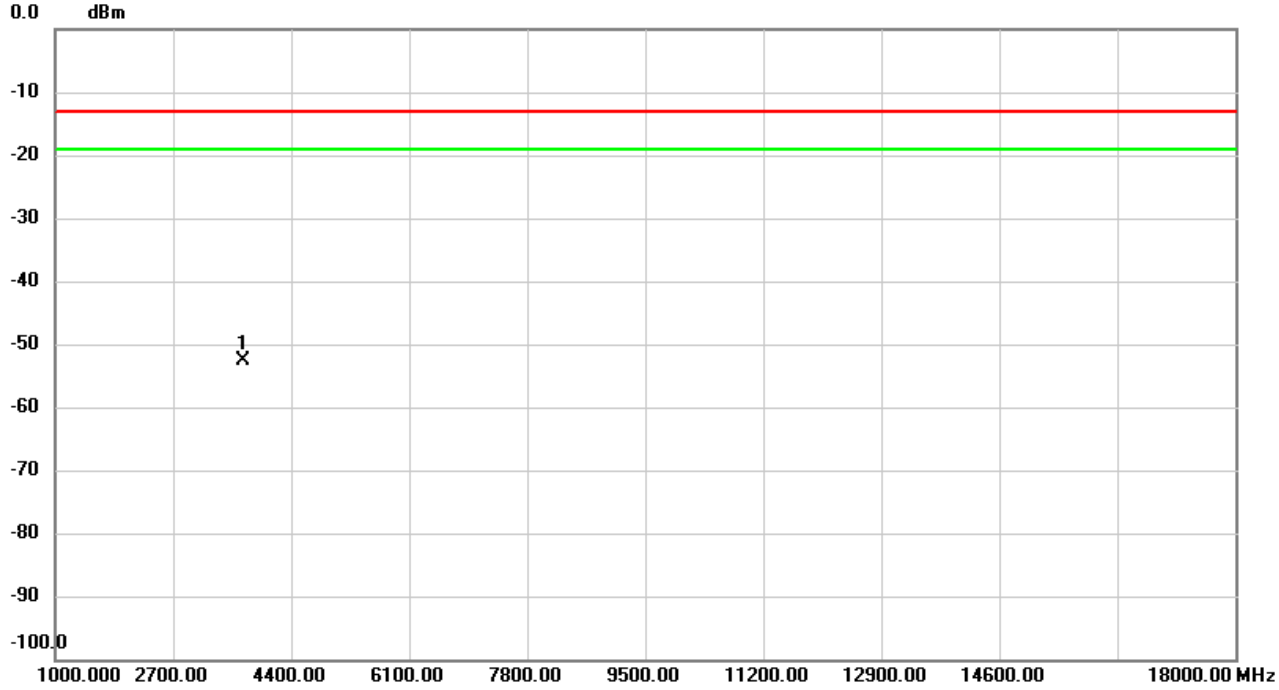
Test Mode	WCDMA Band II	Test Date	2023/11/29
Test Channel	CH9538	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		35.4967	-73.48	2.28	-71.20	-13.00	-58.20	peak	
2	*	107.0180	-56.15	-8.04	-64.19	-13.00	-51.19	peak	
3		176.6963	-61.95	-6.26	-68.21	-13.00	-55.21	peak	
4		242.4947	-61.89	-8.09	-69.98	-13.00	-56.98	peak	
5		321.0323	-67.49	-4.64	-72.13	-13.00	-59.13	peak	
6		435.2660	-71.72	-2.14	-73.86	-13.00	-60.86	peak	

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

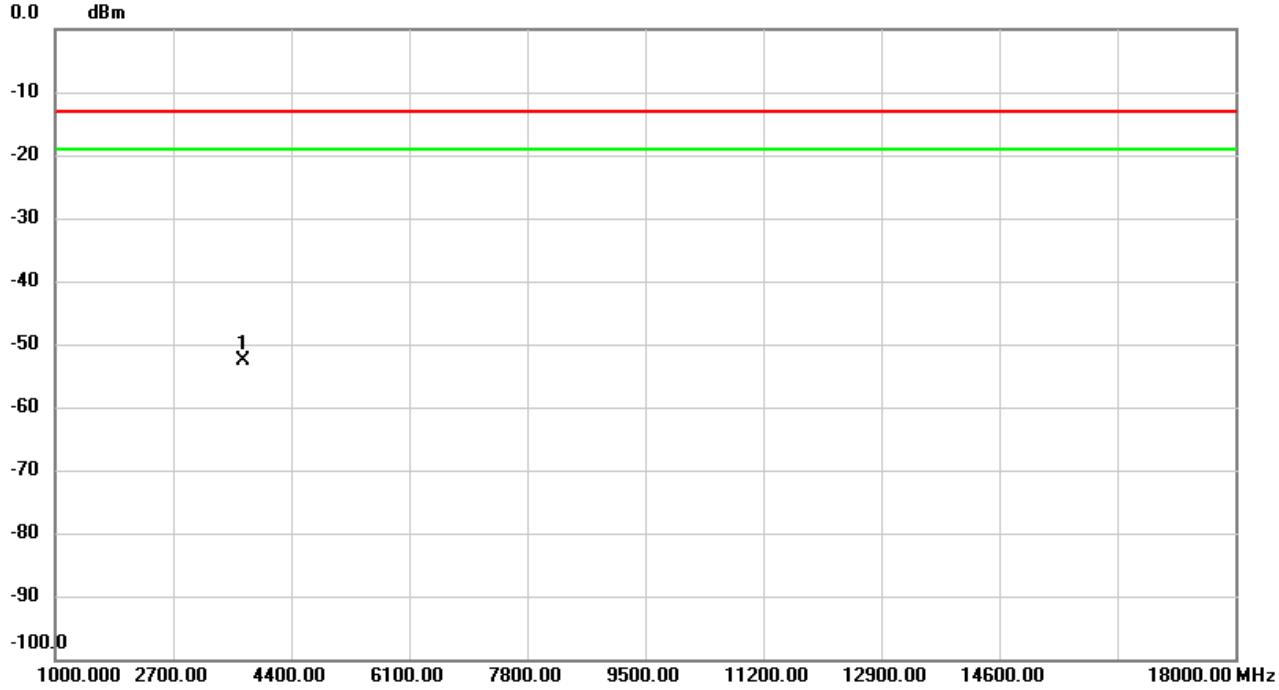
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9262	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3704.800	-64.33	11.59	-52.74	-13.00	-39.74	peak	

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

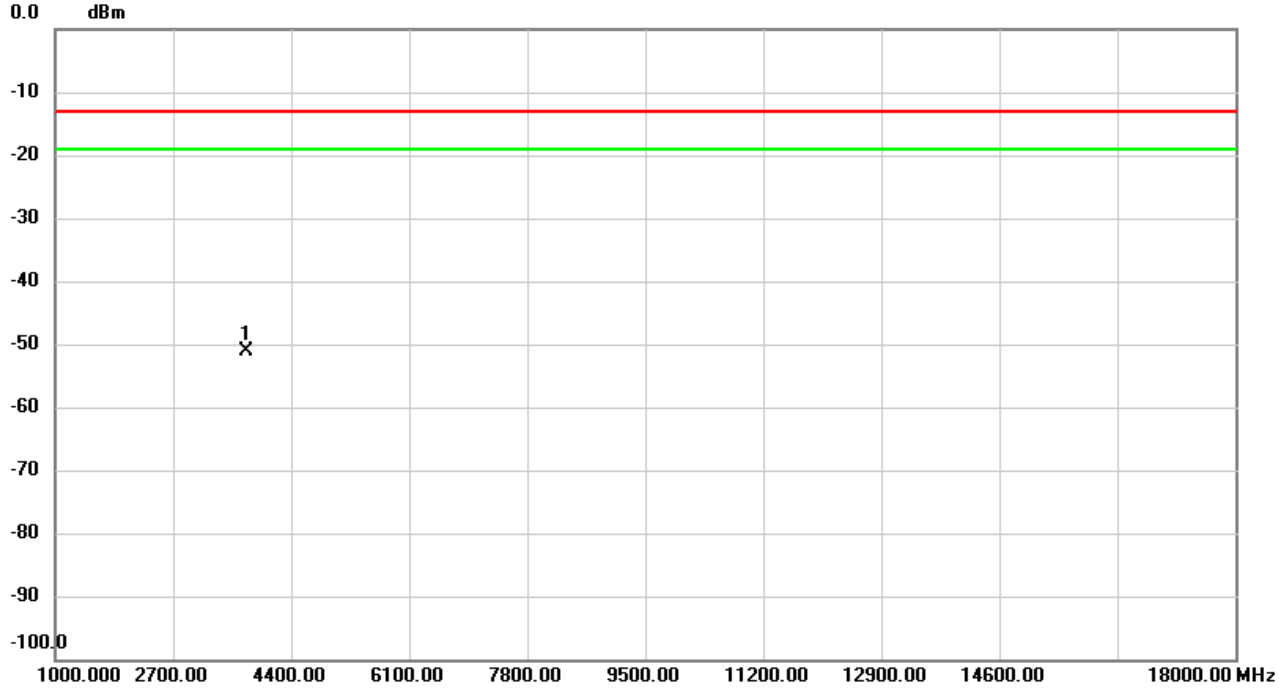
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9262	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3704.800	-63.74	11.22	-52.52	-13.00	-39.52	peak	

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

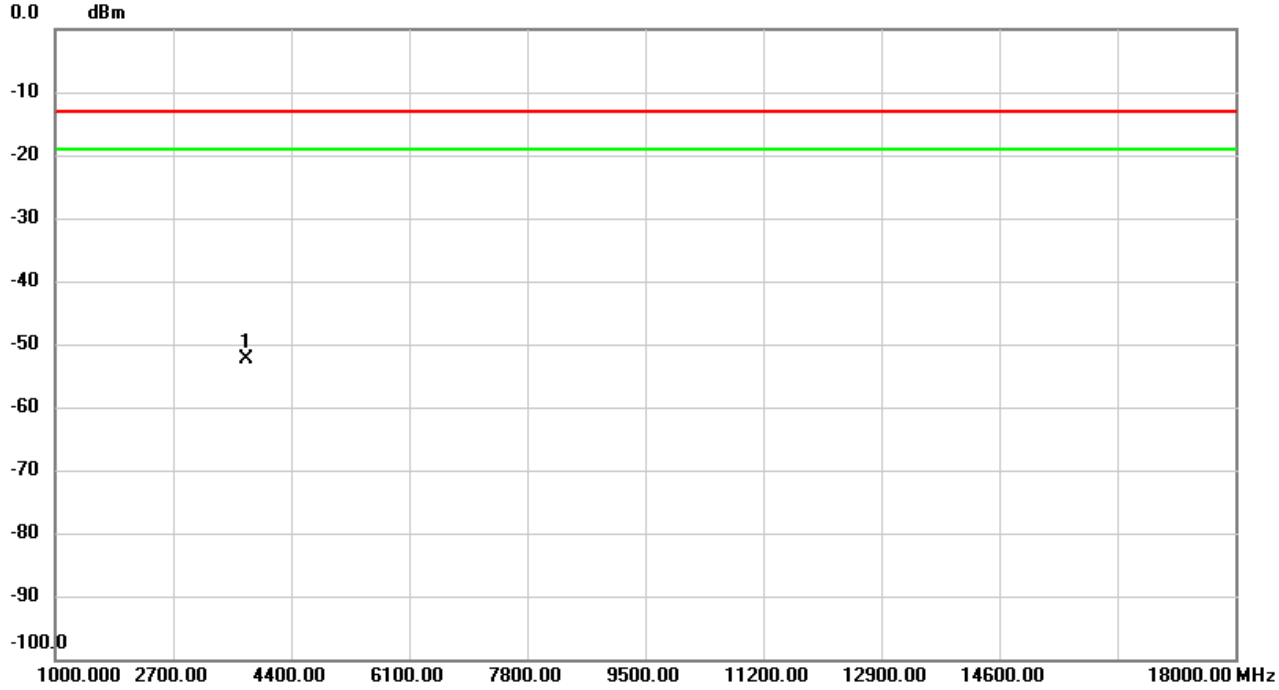
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9400	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3760.000	-62.64	11.44	-51.20	-13.00	-38.20	peak	

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

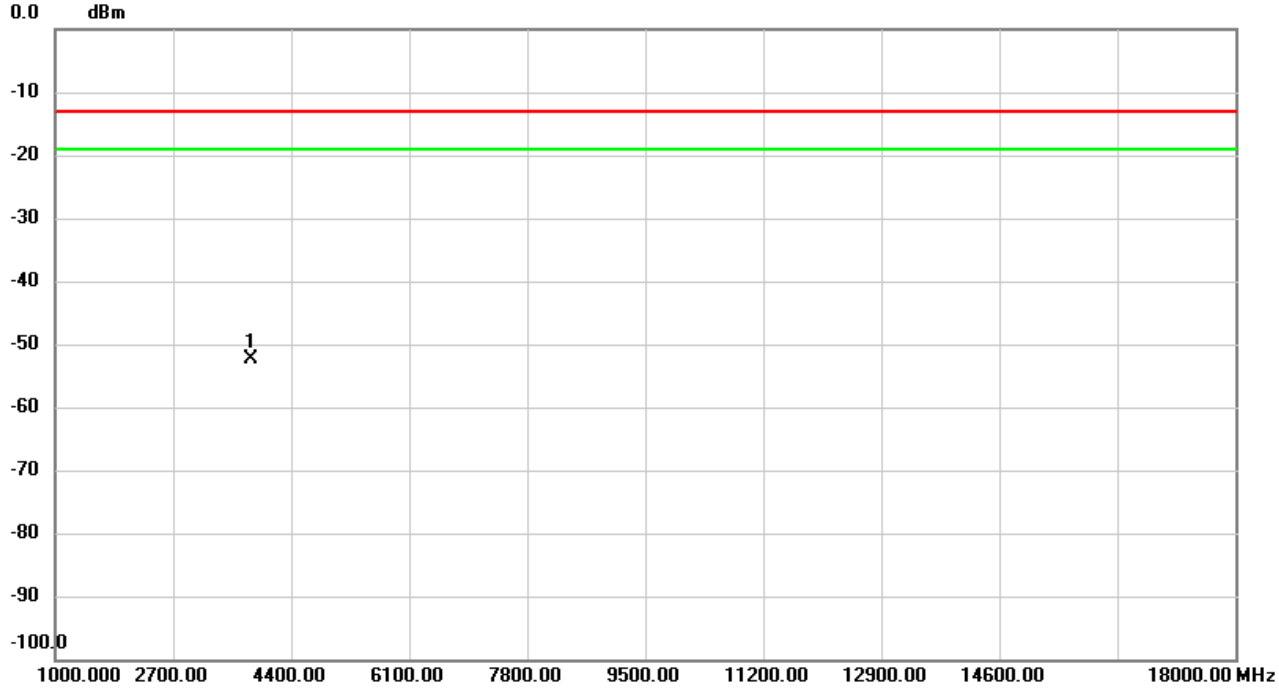
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9400	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3760.000	-63.75	11.31	-52.44	-13.00	-39.44	peak	

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

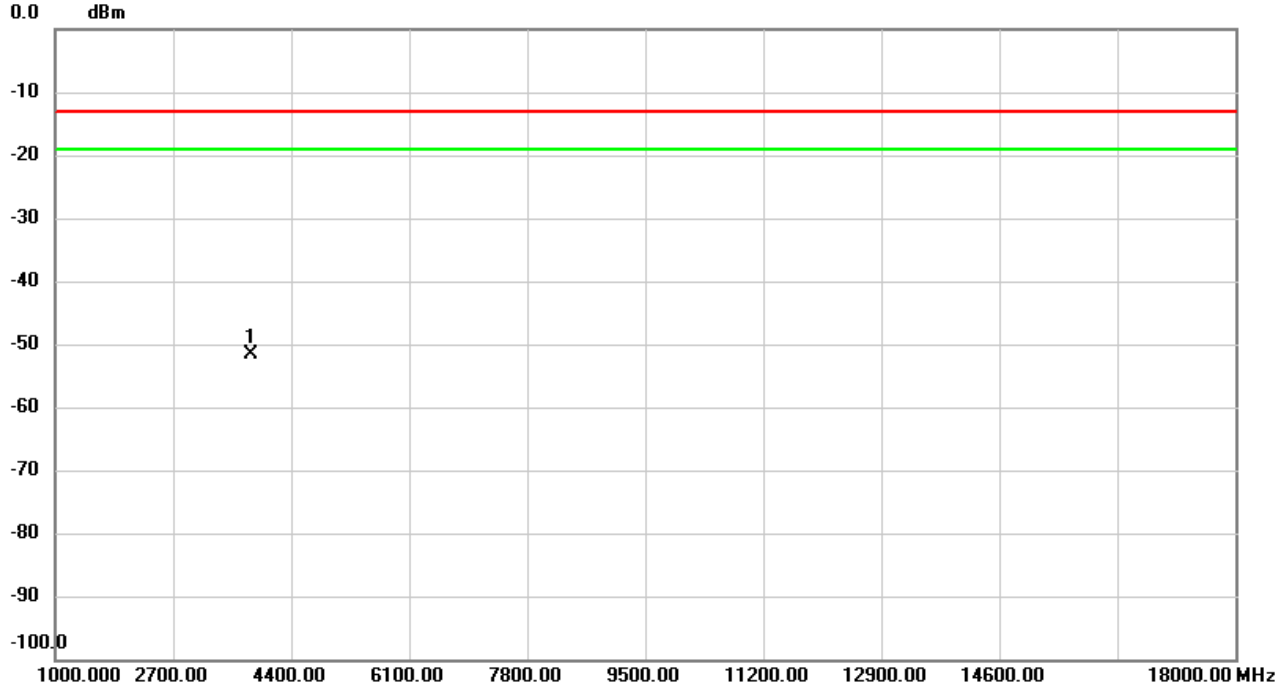
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9538	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3814.000	-64.14	11.66	-52.48	-13.00	-39.48	peak	

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

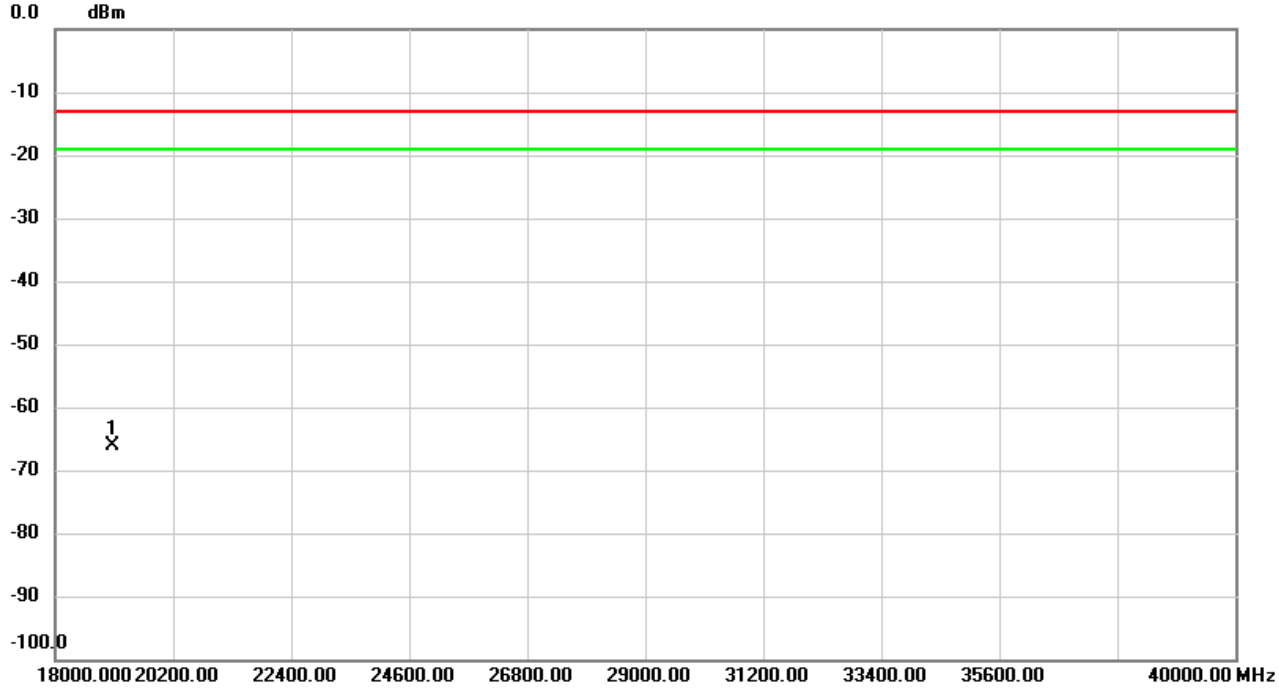
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9538	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3814.000	-63.42	11.71	-51.71	-13.00	-38.71	peak	

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

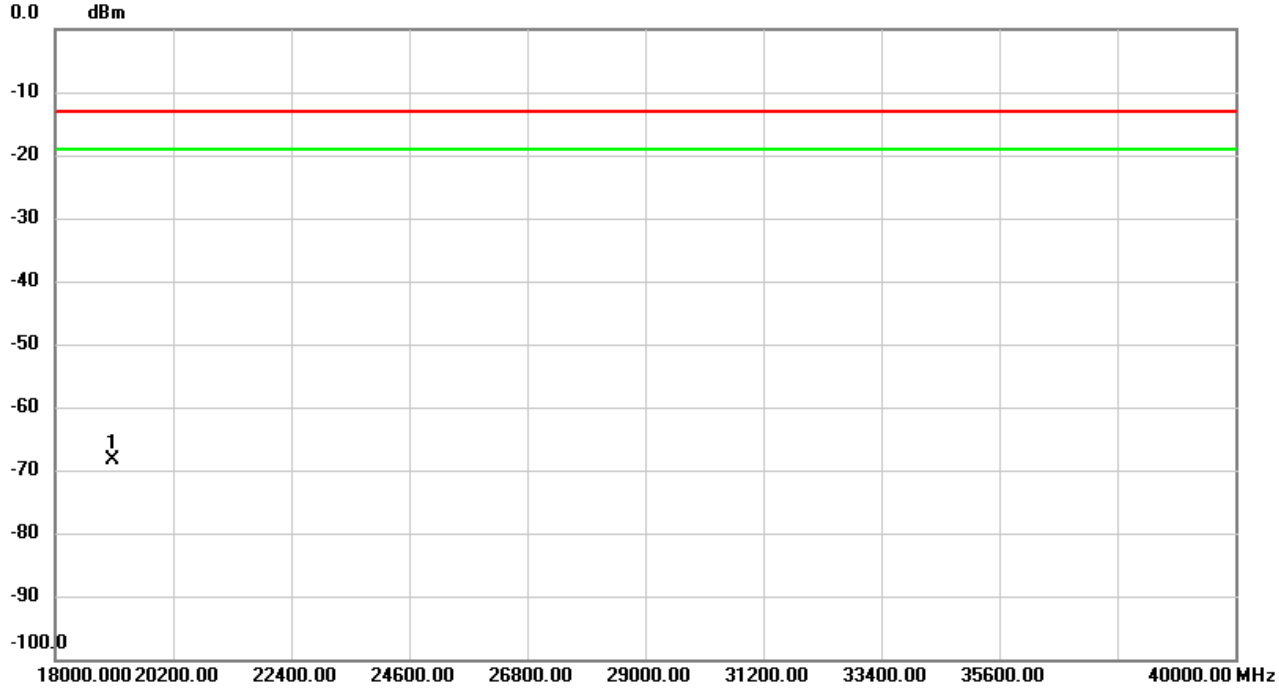
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9538	Polarization	Vertical
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	19070.00	-59.02	-7.01	-66.03	-13.00	-53.03	peak	

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

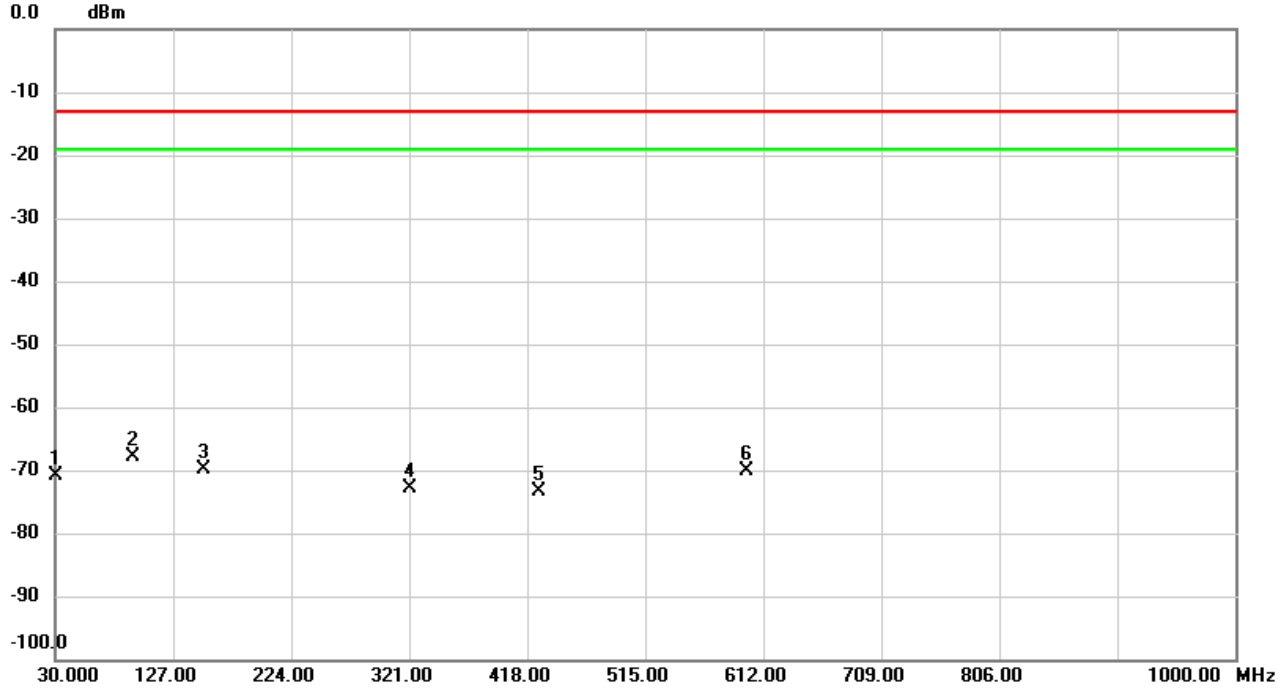
Test Mode	WCDMA Band II	Test Date	2023/11/30
Test Channel	CH9538	Polarization	Horizontal
Temp	22°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	19070.00	-61.32	-7.01	-68.33	-13.00	-55.33	peak	

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

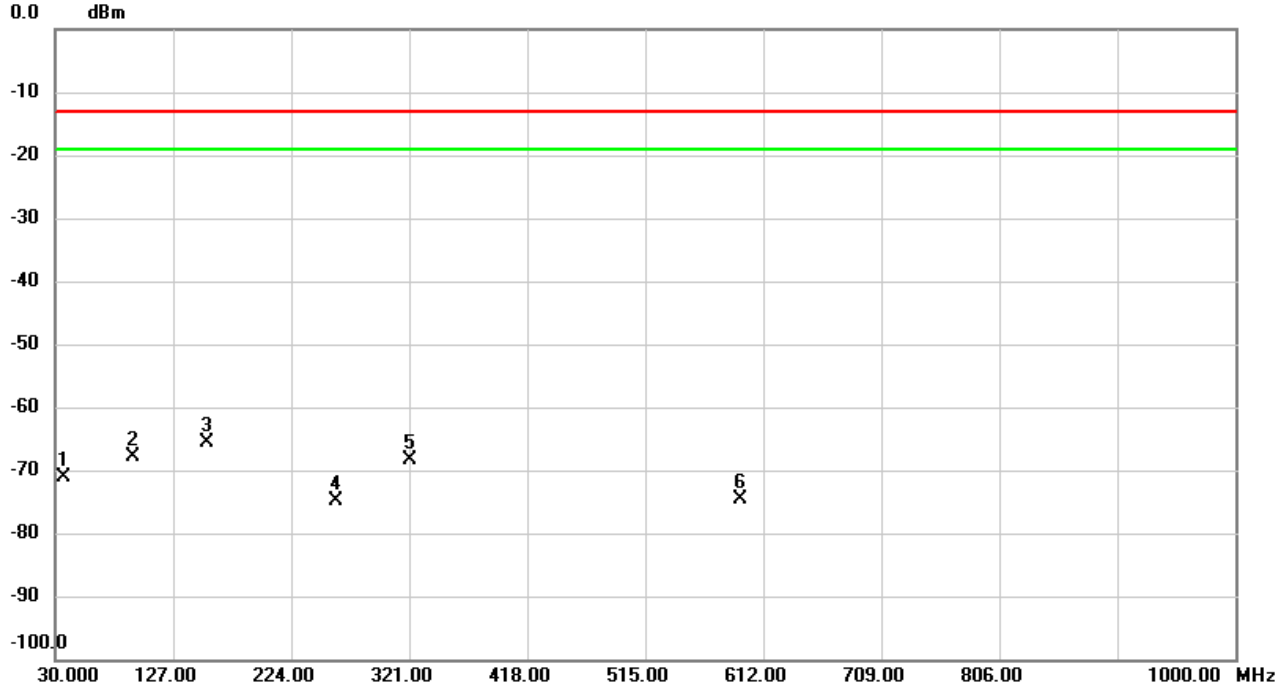
Test Mode	LTE Band 2	Test Date	2023/11/29
Test Channel	CH18900	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		31.0670	-61.62	-9.18	-70.80	-13.00	-57.80	peak	
2	*	93.5996	-62.12	-5.84	-67.96	-13.00	-54.96	peak	
3		152.7050	-67.16	-2.59	-69.75	-13.00	-56.75	peak	
4		321.0323	-69.73	-3.09	-72.82	-13.00	-59.82	peak	
5		428.0557	-71.55	-1.76	-73.31	-13.00	-60.31	peak	
6		598.4847	-73.23	3.19	-70.04	-13.00	-57.04	peak	

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

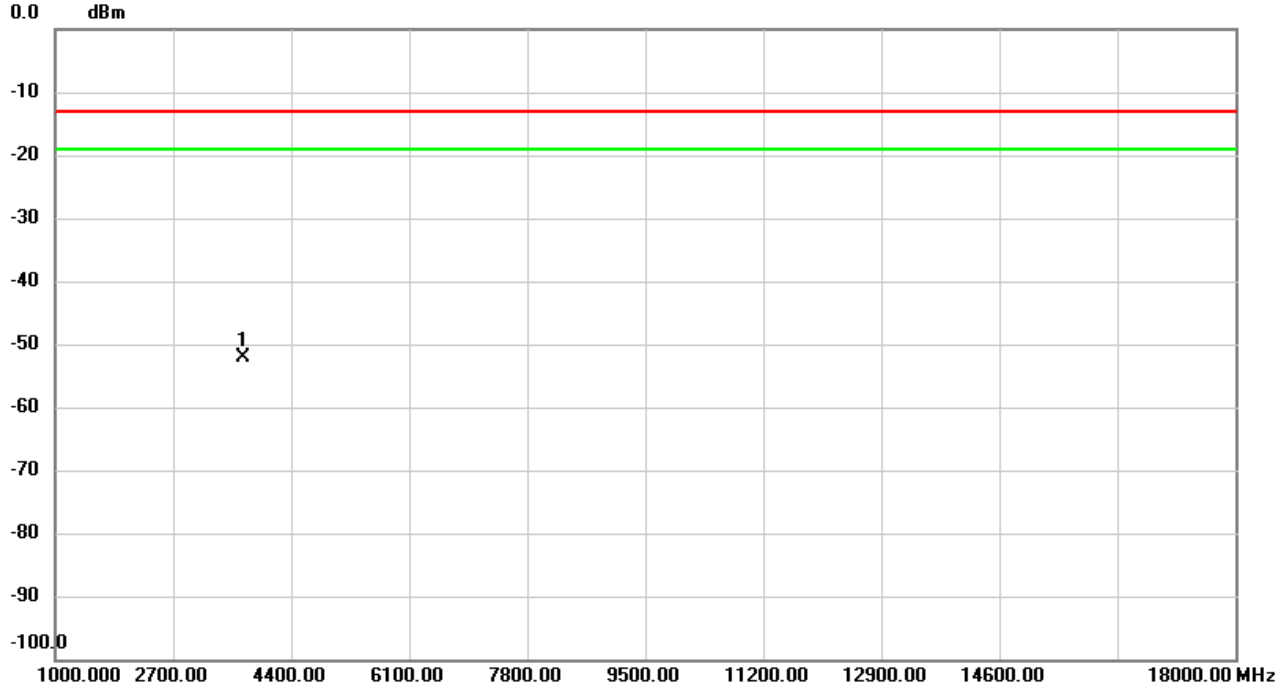
Test Mode	LTE Band 2	Test Date	2023/11/29
Test Channel	CH18900	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		37.1780	-73.31	2.13	-71.18	-13.00	-58.18	peak	
2		94.0847	-59.78	-8.13	-67.91	-13.00	-54.91	peak	
3	*	154.6450	-59.77	-5.83	-65.60	-13.00	-52.60	peak	
4		260.6983	-67.29	-7.59	-74.88	-13.00	-61.88	peak	
5		321.0323	-63.65	-4.64	-68.29	-13.00	-55.29	peak	
6		592.7940	-74.67	-0.01	-74.68	-13.00	-61.68	peak	

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

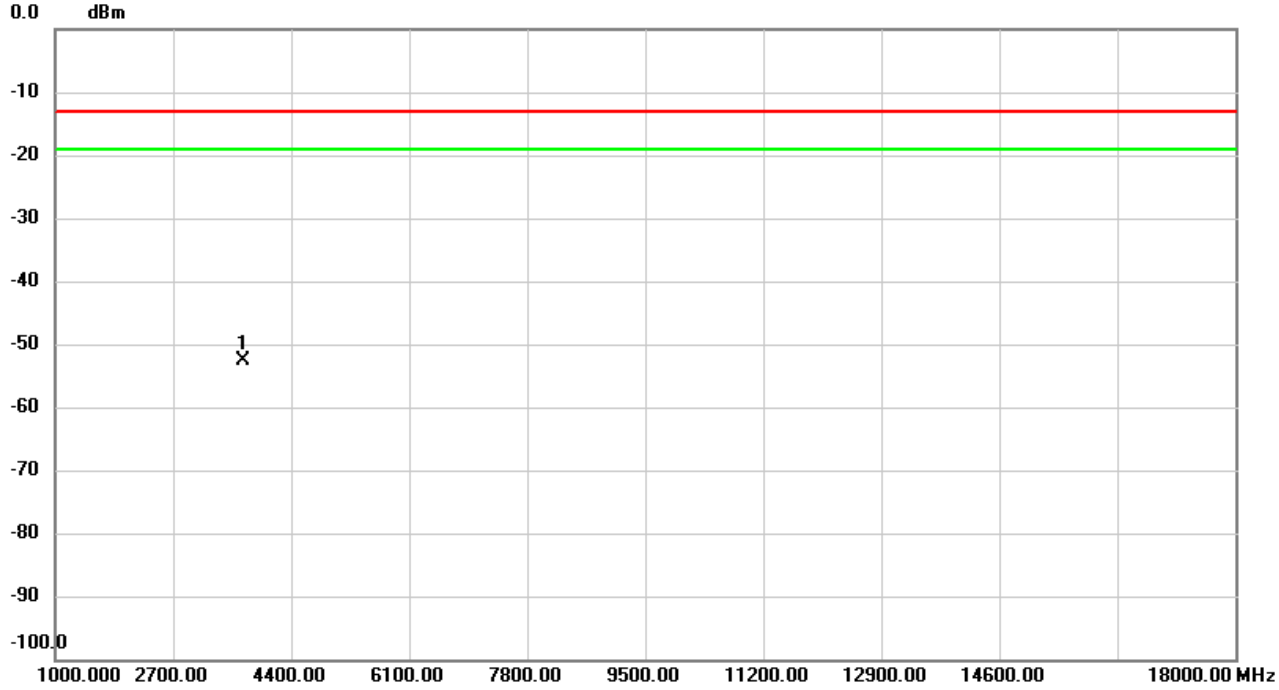
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH18700	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3700.000	-63.67	11.61	-52.06	-13.00	-39.06	peak	

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

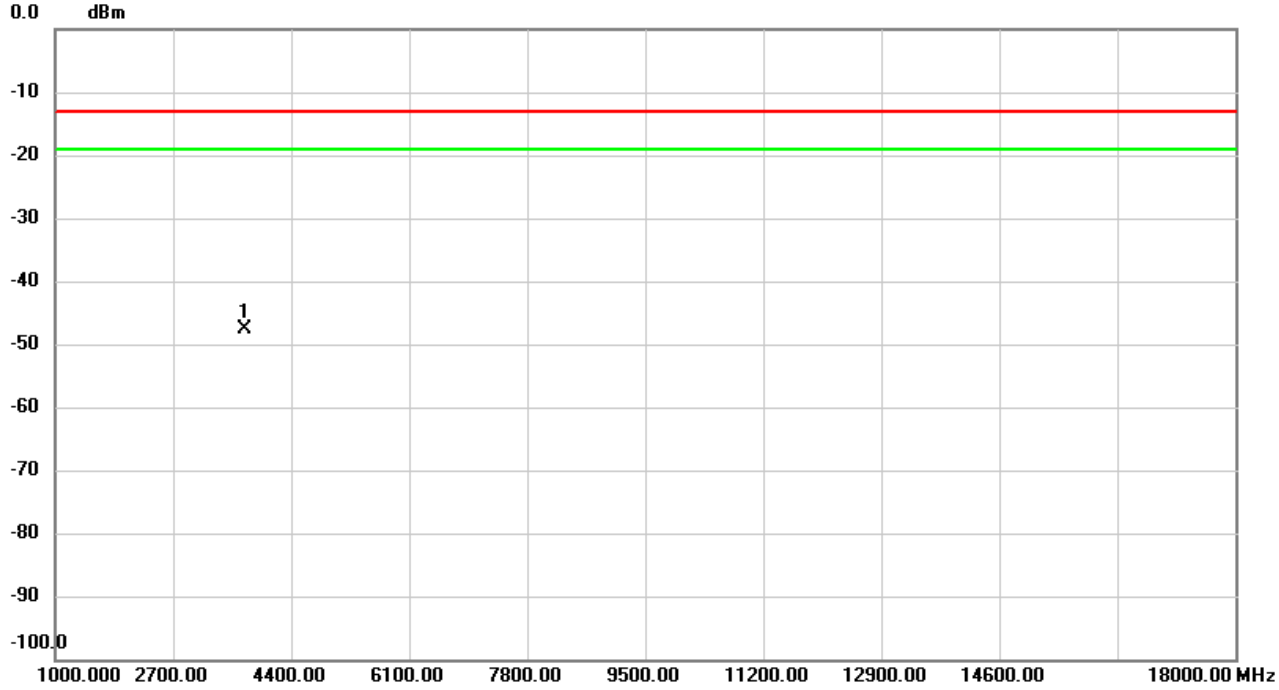
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH18700	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3700.000	-63.88	11.22	-52.66	-13.00	-39.66	peak	

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

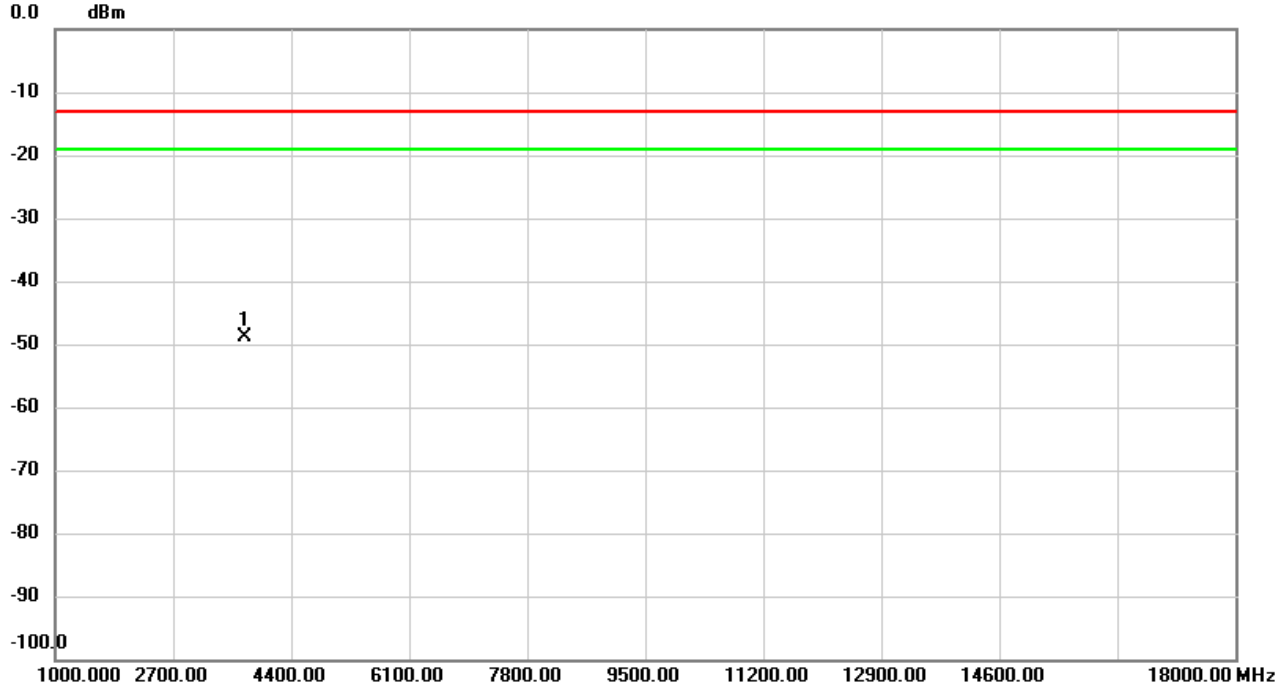
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH18900	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3742.100	-58.99	11.45	-47.54	-13.00	-34.54	peak	

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

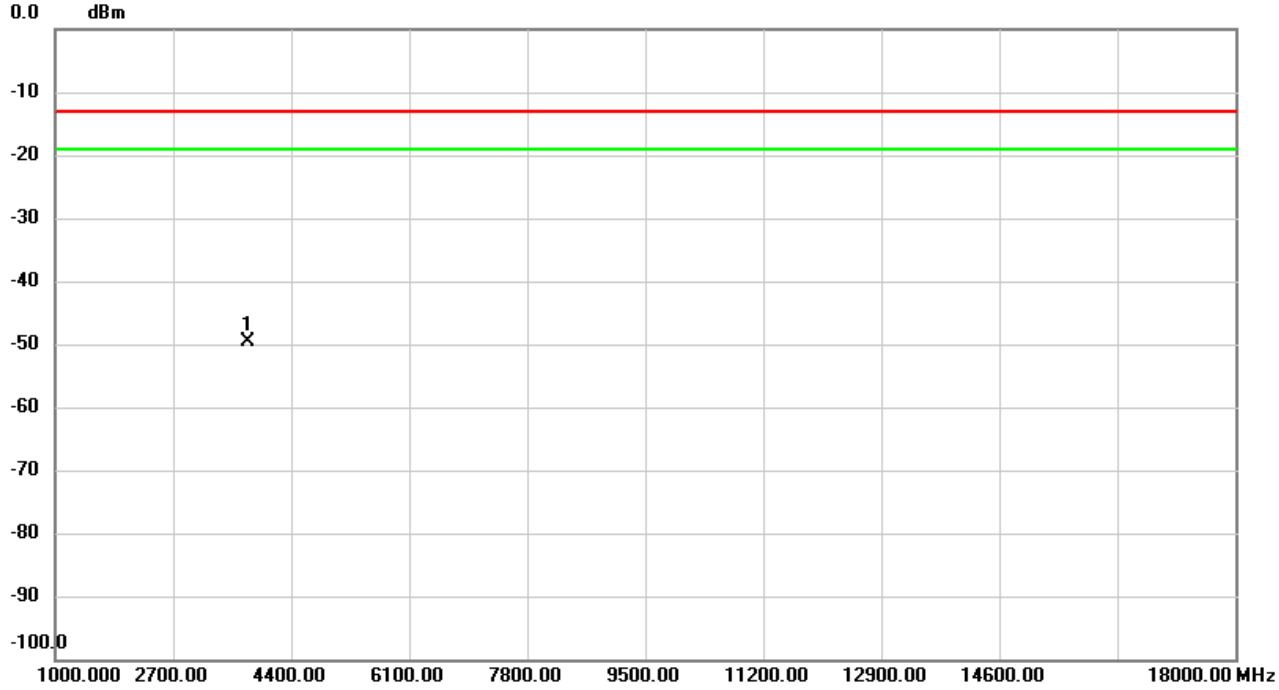
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH18900	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3742.100	-60.09	11.22	-48.87	-13.00	-35.87	peak	

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

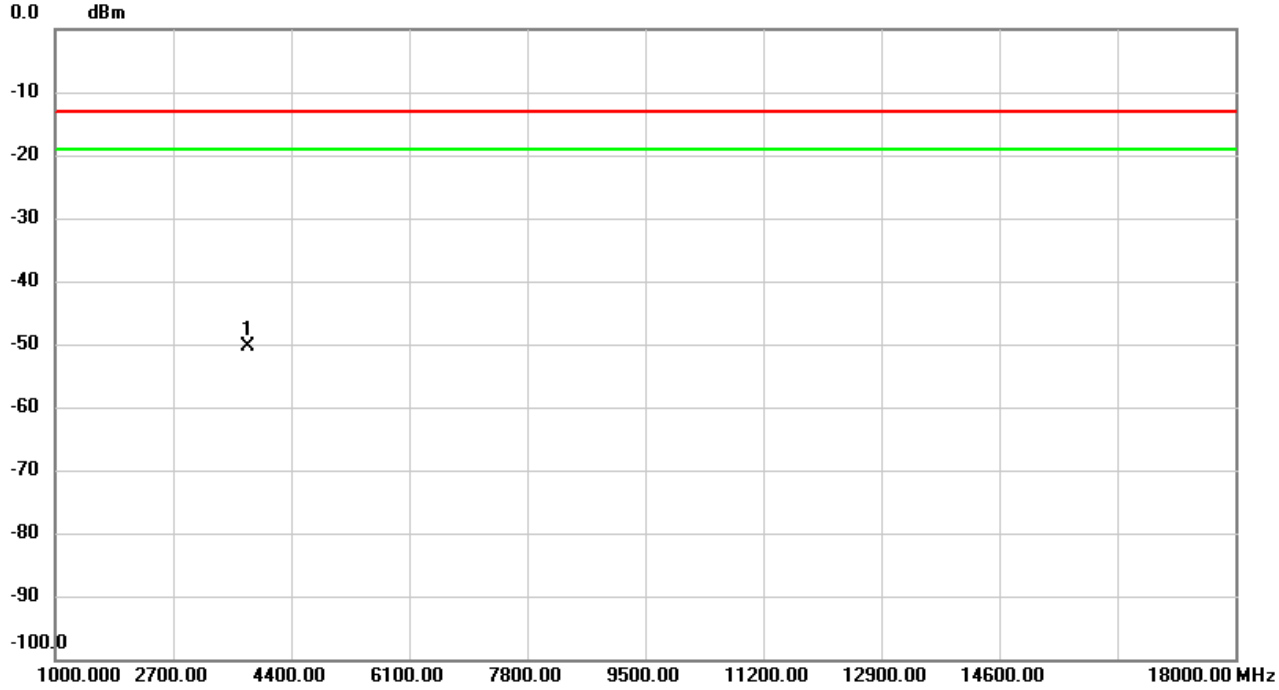
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH19100	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3782.333	-61.00	11.49	-49.51	-13.00	-36.51	peak	

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

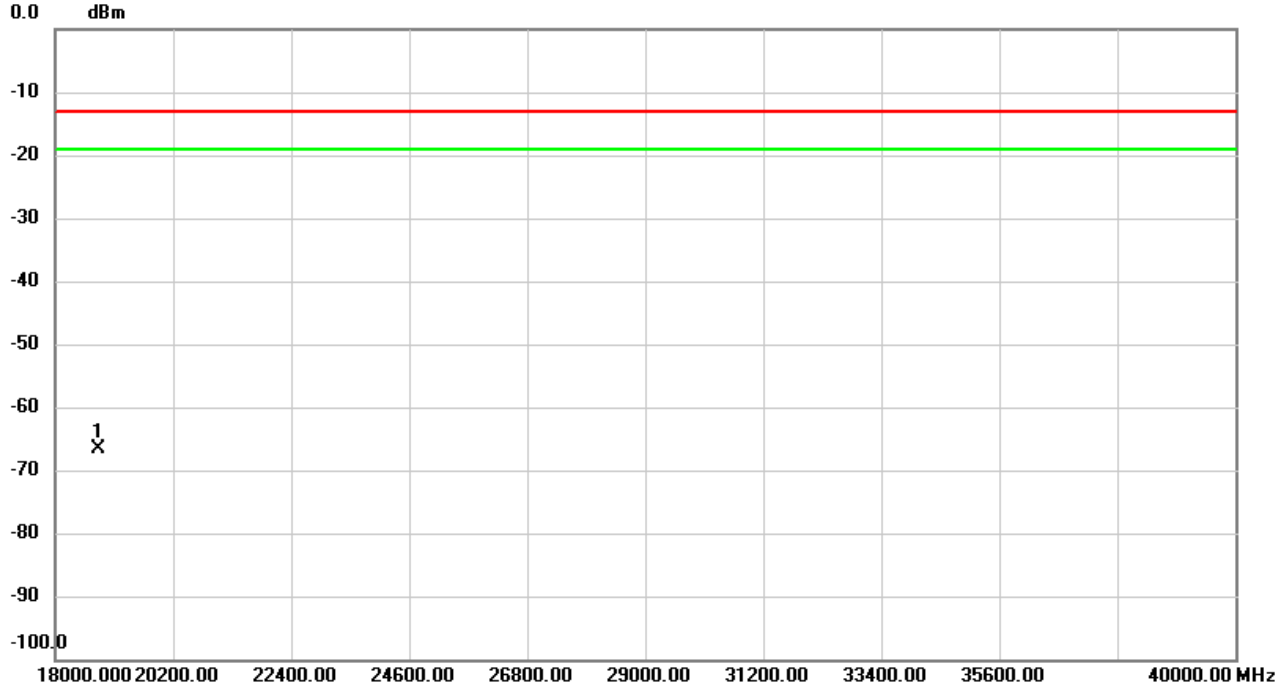
Test Mode	LTE Band 2	Test Date	2023/11/27
Test Channel	CH19100	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3783.467	-61.99	11.53	-50.46	-13.00	-37.46	peak	

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

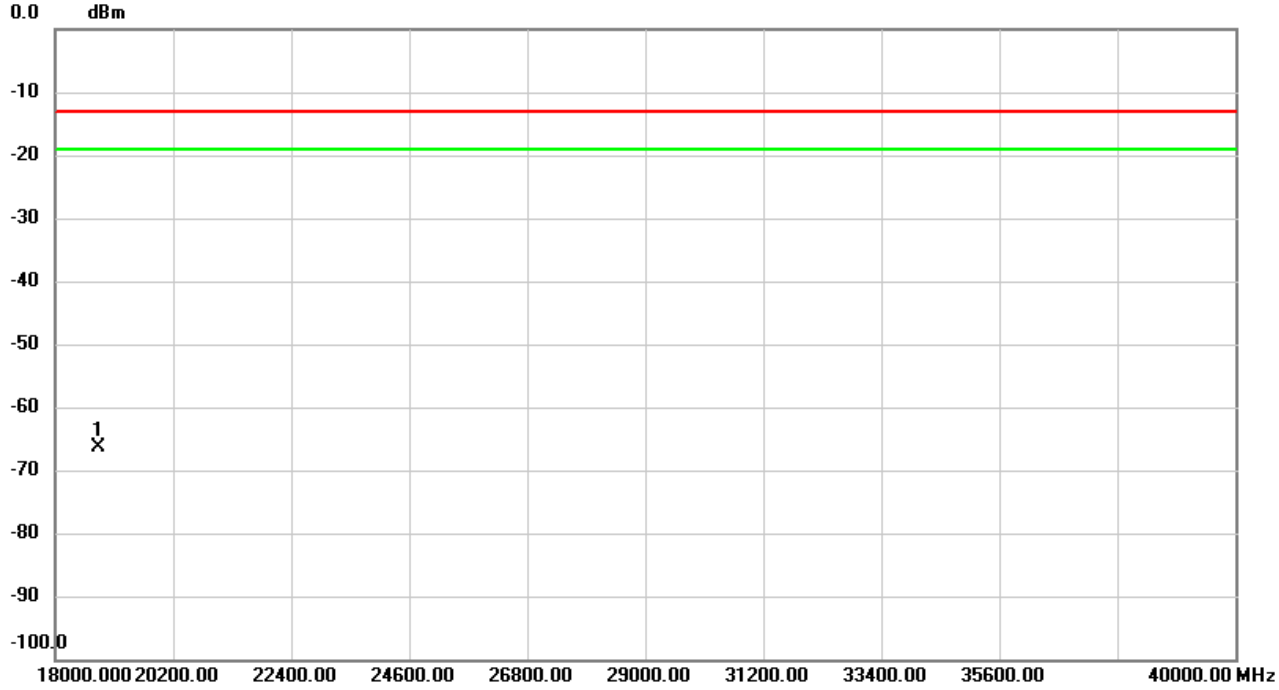
Test Mode	LTE Band 2	Test Date	2023/12/27
Test Channel	CH18900	Polarization	Vertical
Temp	23°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18800.00	-60.27	-6.44	-66.71	-13.00	-53.71	peak	

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

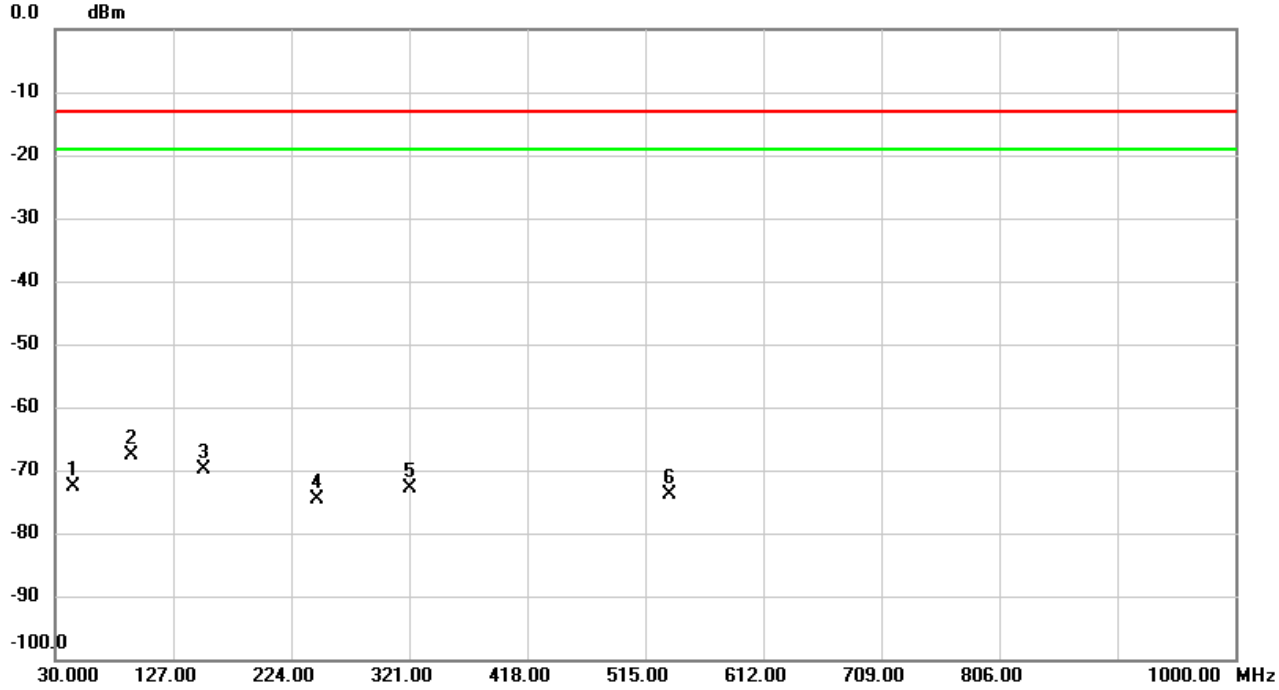
Test Mode	LTE Band 2	Test Date	2023/12/27
Test Channel	CH18900	Polarization	Horizontal
Temp	23°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18800.00	-59.85	-6.44	-66.29	-13.00	-53.29	peak	

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

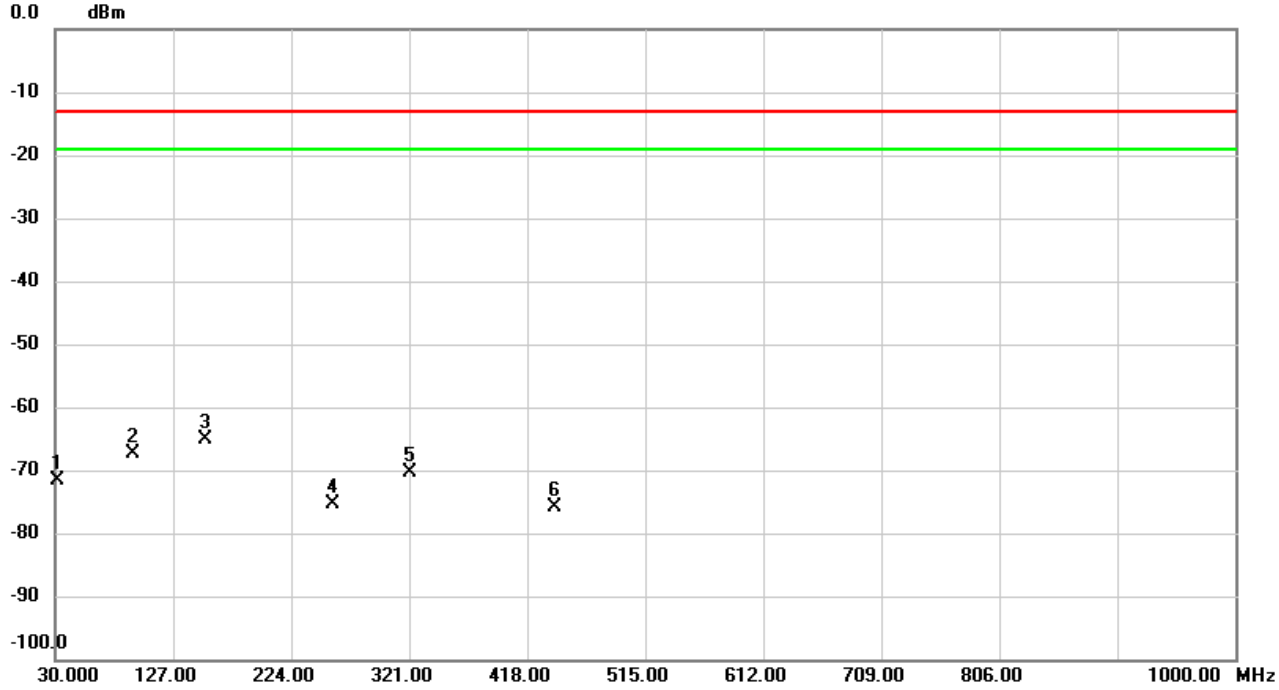
Test Mode	LTE Band 25	Test Date	2023/11/29
Test Channel	CH26590	Polarization	Vertical
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		45.3260	-64.21	-8.48	-72.69	-13.00	-59.69	peak	
2	*	92.9207	-61.83	-5.79	-67.62	-13.00	-54.62	peak	
3		152.0260	-67.32	-2.63	-69.95	-13.00	-56.95	peak	
4		245.1460	-71.96	-2.66	-74.62	-13.00	-61.62	peak	
5		321.0323	-69.81	-3.09	-72.90	-13.00	-59.90	peak	
6		535.5963	-75.95	1.98	-73.97	-13.00	-60.97	peak	

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

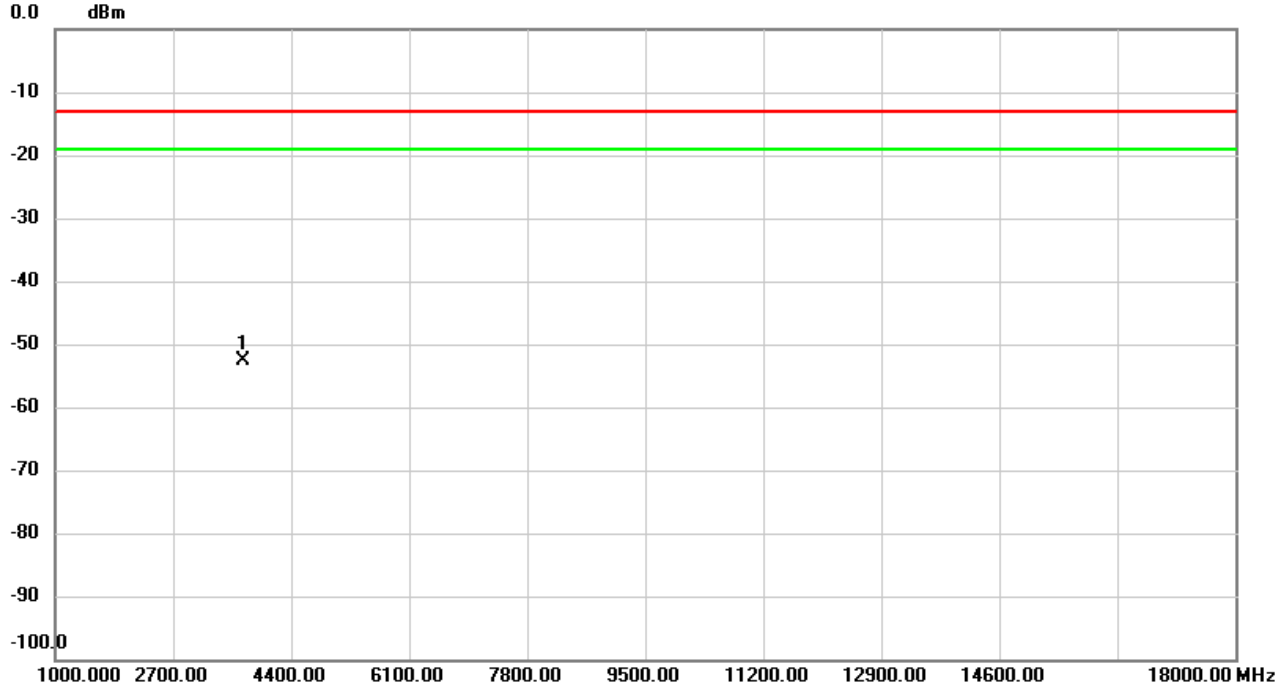
Test Mode	LTE Band 25	Test Date	2023/11/29
Test Channel	CH26590	Polarization	Horizontal
Temp	23°C	Hum.	56%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		31.5520	-74.30	2.70	-71.60	-13.00	-58.60	peak	
2		94.6343	-59.26	-8.10	-67.36	-13.00	-54.36	peak	
3	*	154.0630	-59.22	-5.80	-65.02	-13.00	-52.02	peak	
4		258.8877	-67.61	-7.66	-75.27	-13.00	-62.27	peak	
5		321.0000	-65.72	-4.65	-70.37	-13.00	-57.37	peak	
6		440.7303	-73.87	-2.10	-75.97	-13.00	-62.97	peak	

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

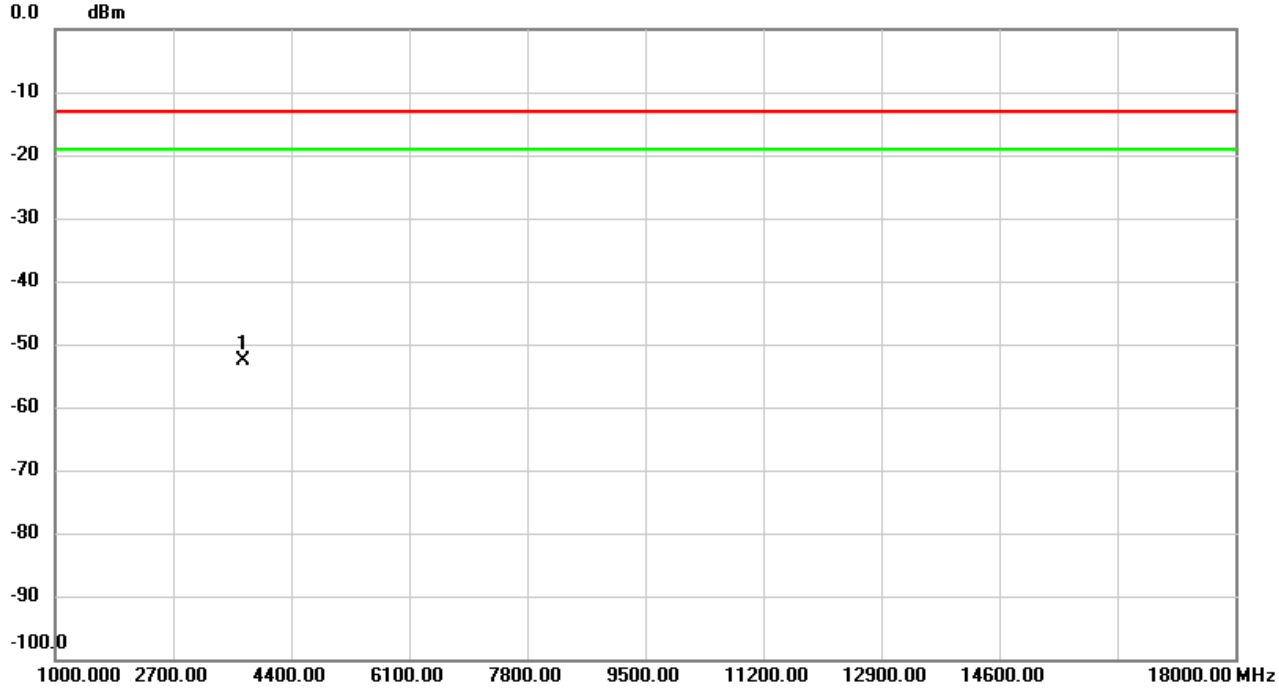
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26140	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3700.000	-64.15	11.61	-52.54	-13.00	-39.54	peak	

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

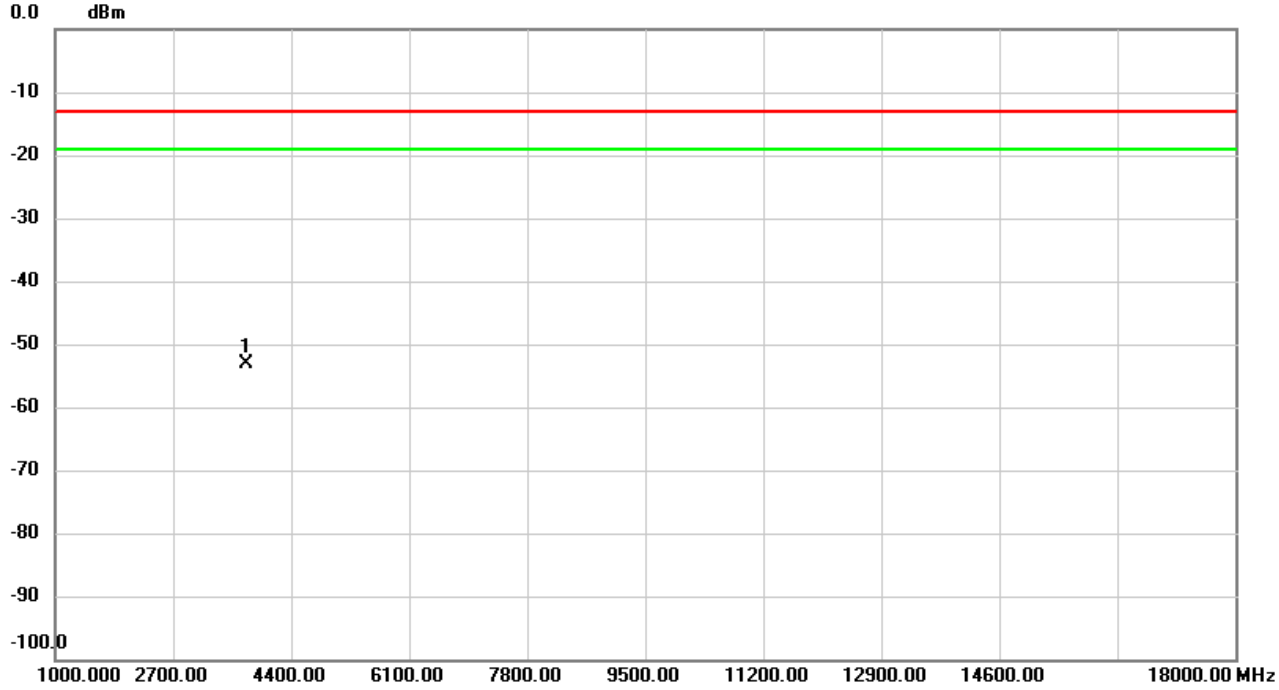
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26140	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3700.000	-63.88	11.22	-52.66	-13.00	-39.66	peak	

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

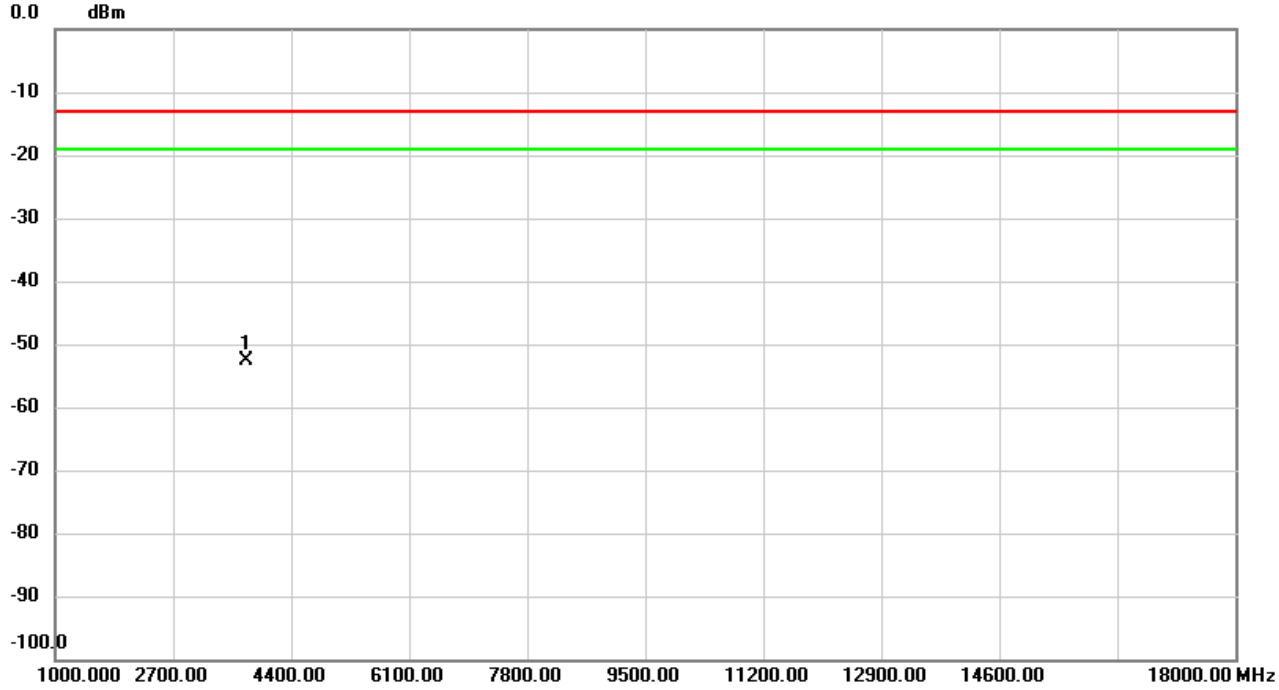
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26365	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3745.000	-64.62	11.44	-53.18	-13.00	-40.18	peak	

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

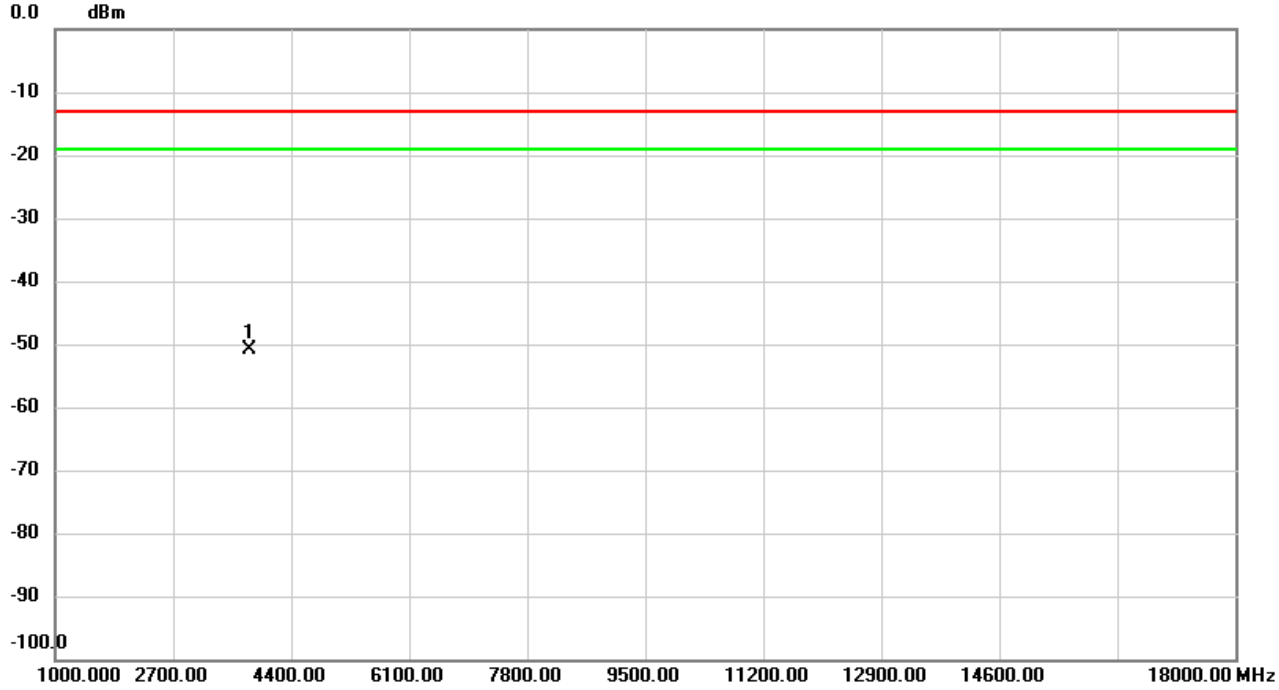
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26365	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3745.000	-63.90	11.22	-52.68	-13.00	-39.68	peak	

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

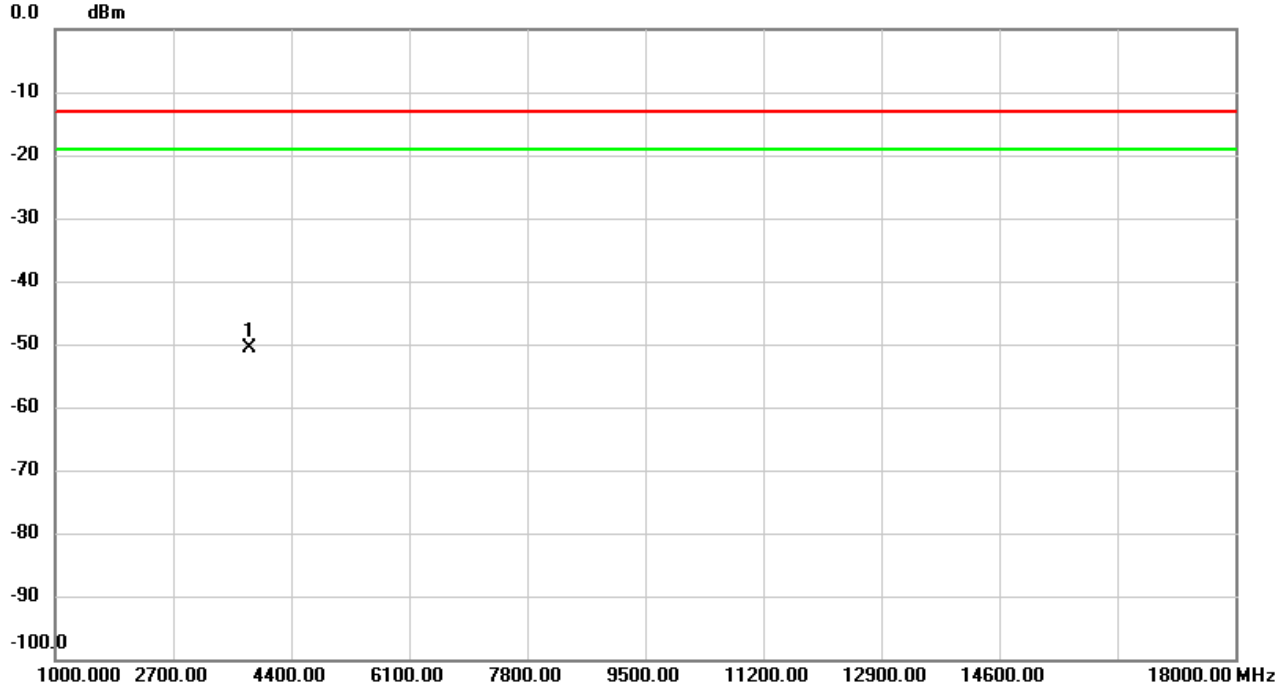
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26590	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3790.000	-62.40	11.51	-50.89	-13.00	-37.89	peak	

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

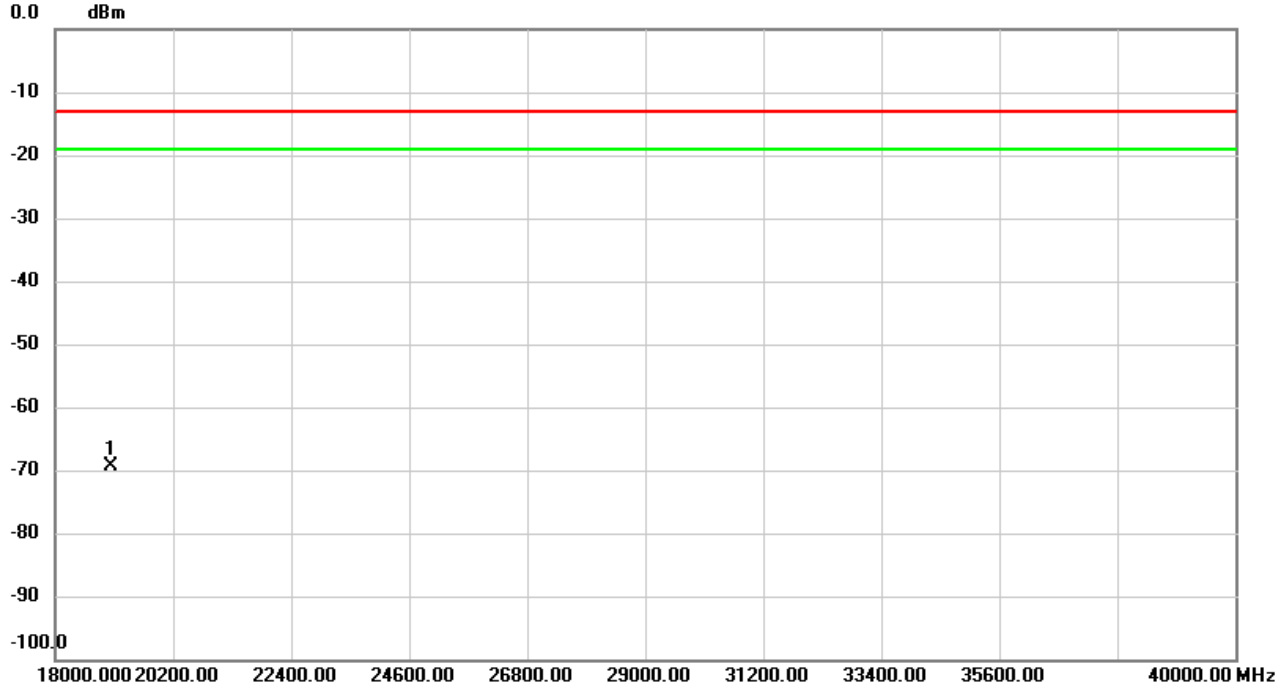
Test Mode	LTE Band 25	Test Date	2023/11/27
Test Channel	CH26590	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3790.000	-62.21	11.59	-50.62	-13.00	-37.62	peak	

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

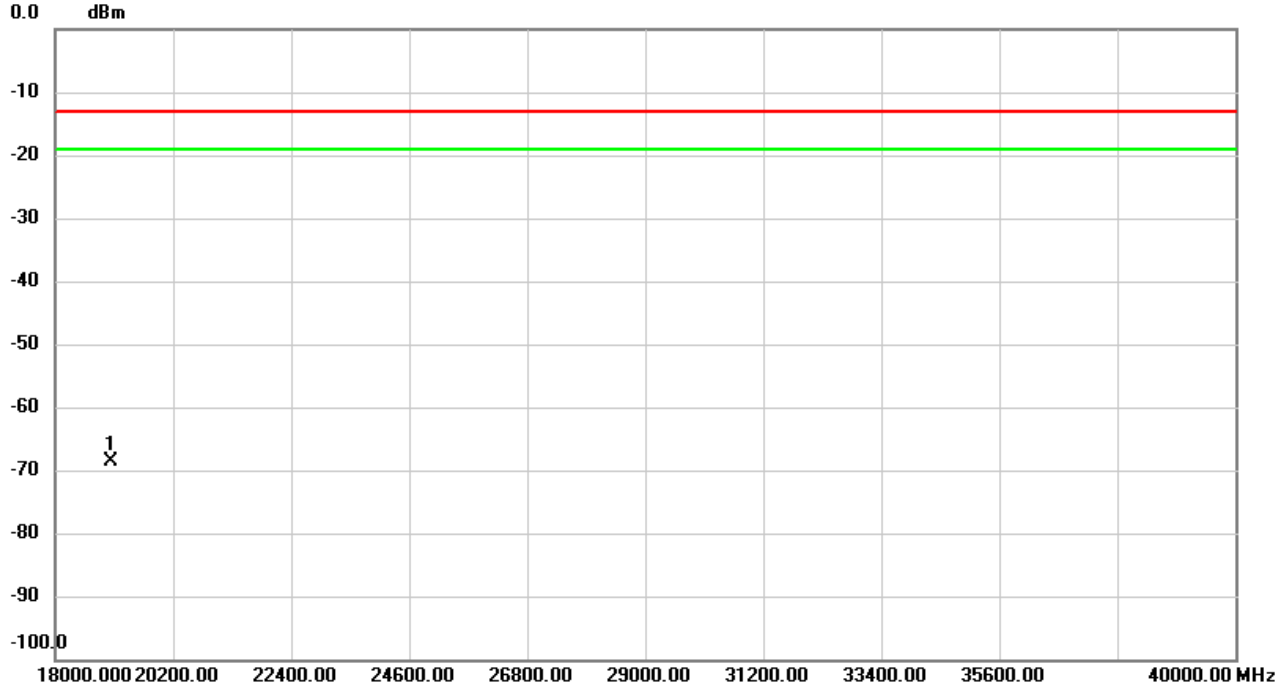
Test Mode	LTE Band 25	Test Date	2023/12/27
Test Channel	CH26590	Polarization	Vertical
Temp	23°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	19050.00	-62.39	-6.98	-69.37	-13.00	-56.37	peak	

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

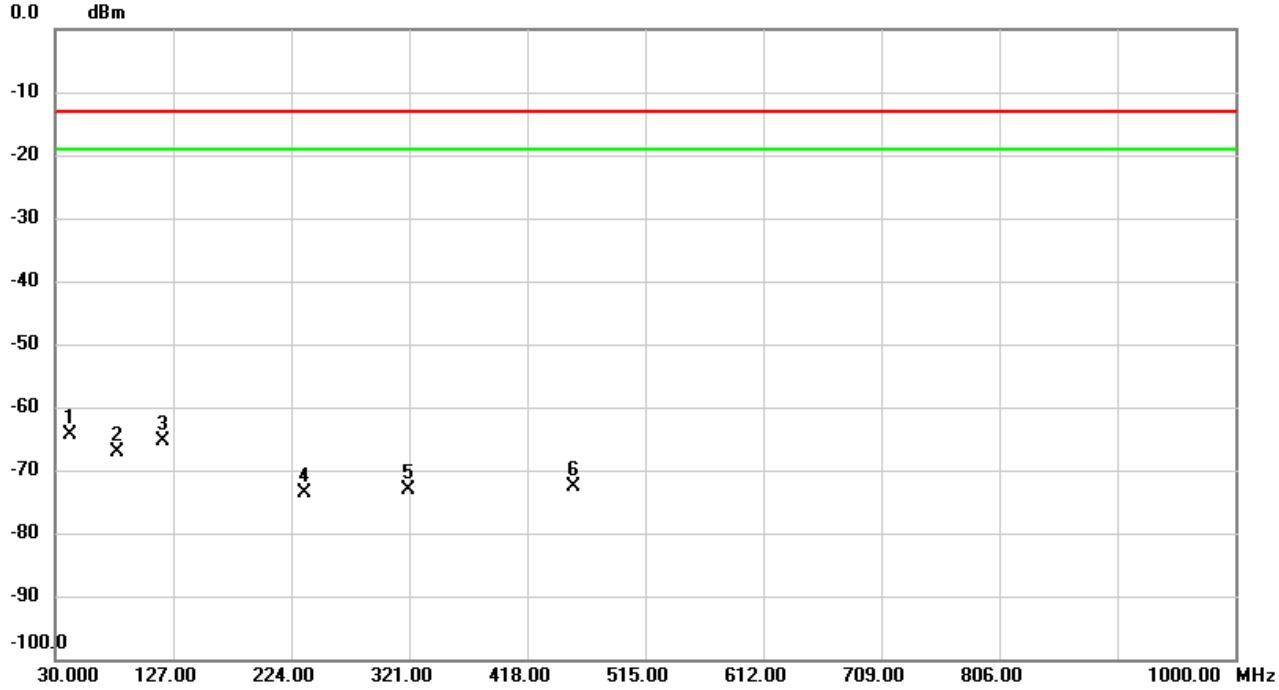
Test Mode	LTE Band 25	Test Date	2023/12/27
Test Channel	CH26590	Polarization	Horizontal
Temp	23°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	19050.00	-61.67	-6.98	-68.65	-13.00	-55.65	peak	

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

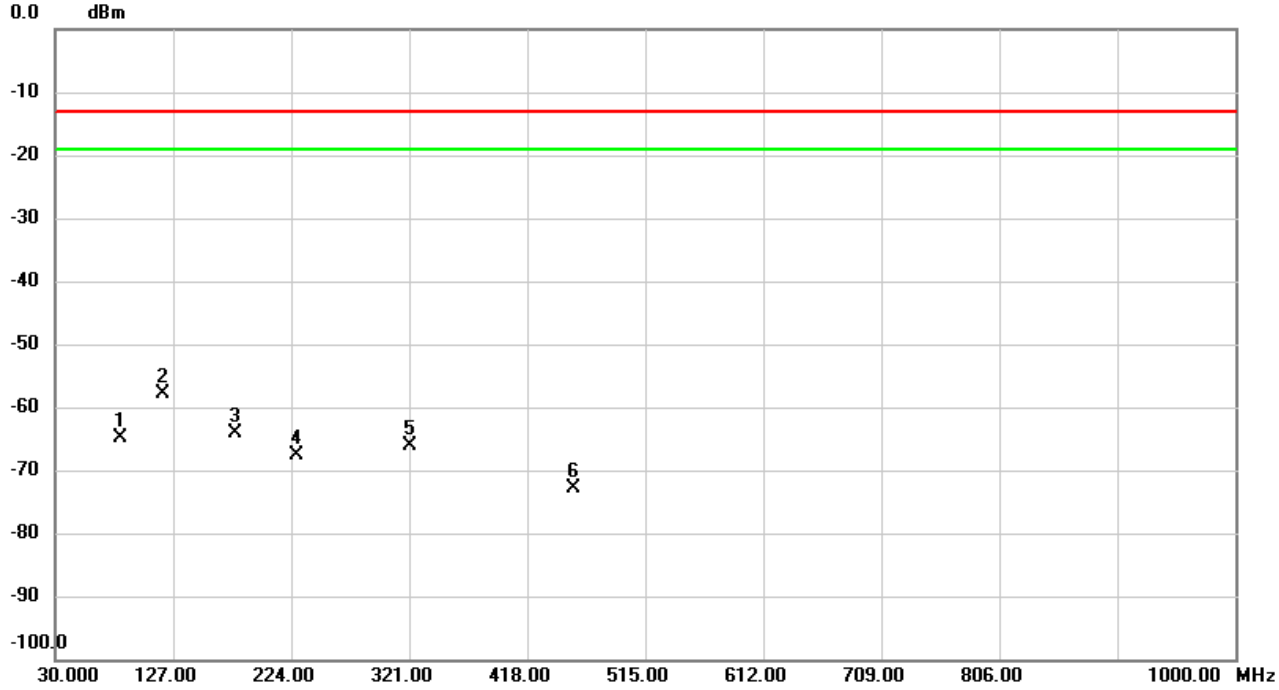
Test Mode	LTE Band CA_2C	Test Date	2023/12/4
Test Channel	High CH	Polarization	Vertical
Temp	22°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	42.0925	-62.26	-2.15	-64.41	-13.00	-51.41	peak	
2		81.7010	-65.02	-2.15	-67.17	-13.00	-54.17	peak	
3		118.7873	-63.34	-2.15	-65.49	-13.00	-52.49	peak	
4		235.1550	-71.35	-2.15	-73.50	-13.00	-60.50	peak	
5		320.9675	-70.90	-2.15	-73.05	-13.00	-60.05	peak	
6		456.7353	-70.43	-2.15	-72.58	-13.00	-59.58	peak	

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

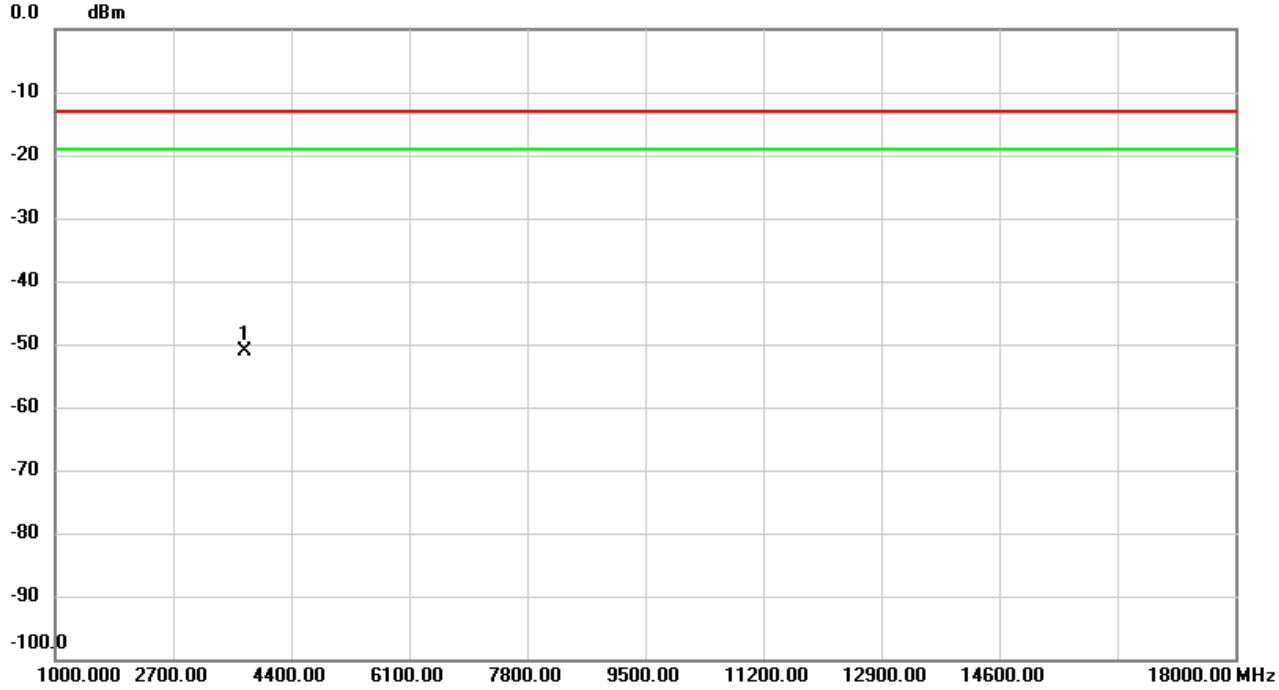
Test Mode	LTE Band CA_2C	Test Date	2023/12/4
Test Channel	High CH	Polarization	Horizontal
Temp	22°C	Hum.	58%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		83.6733	-62.83	-2.15	-64.98	-13.00	-51.98	peak	
2	*	118.9490	-55.61	-2.15	-57.76	-13.00	-44.76	peak	
3		178.1837	-61.87	-2.15	-64.02	-13.00	-51.02	peak	
4		228.3327	-65.48	-2.15	-67.63	-13.00	-54.63	peak	
5		321.0647	-63.94	-2.15	-66.09	-13.00	-53.09	peak	
6		456.7030	-70.65	-2.15	-72.80	-13.00	-59.80	peak	

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

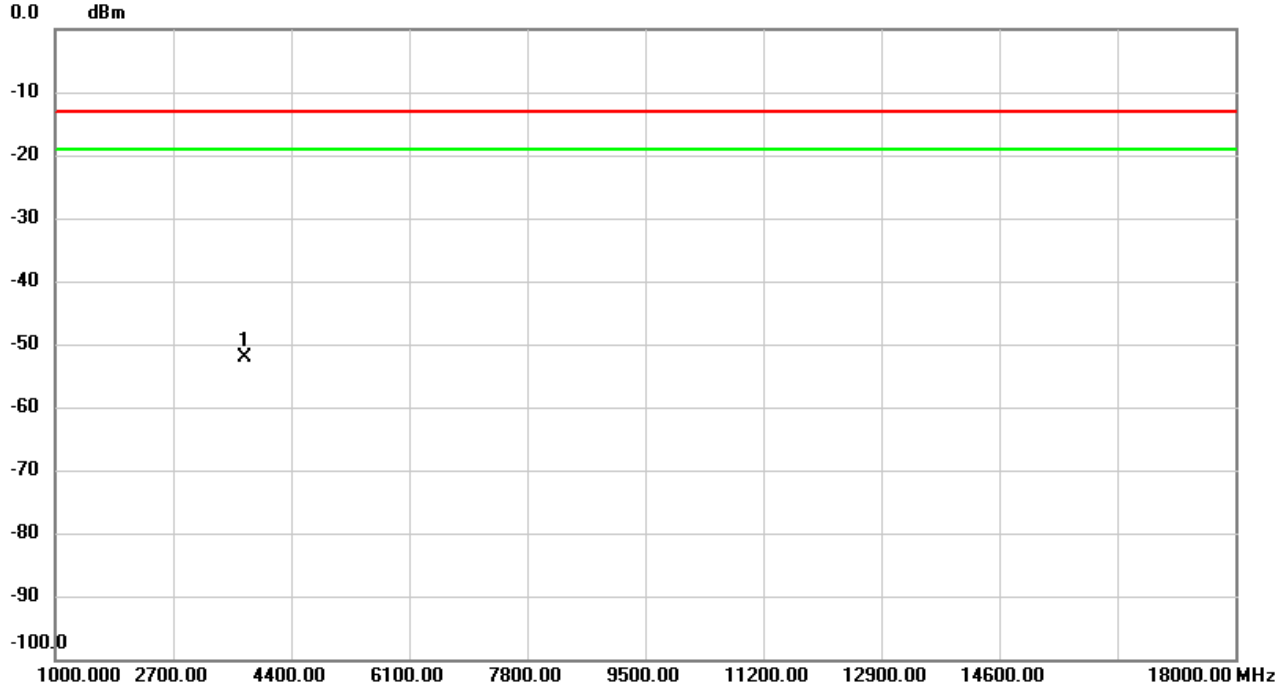
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	Low CH	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3720.000	-62.58	11.53	-51.05	-13.00	-38.05	peak	

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

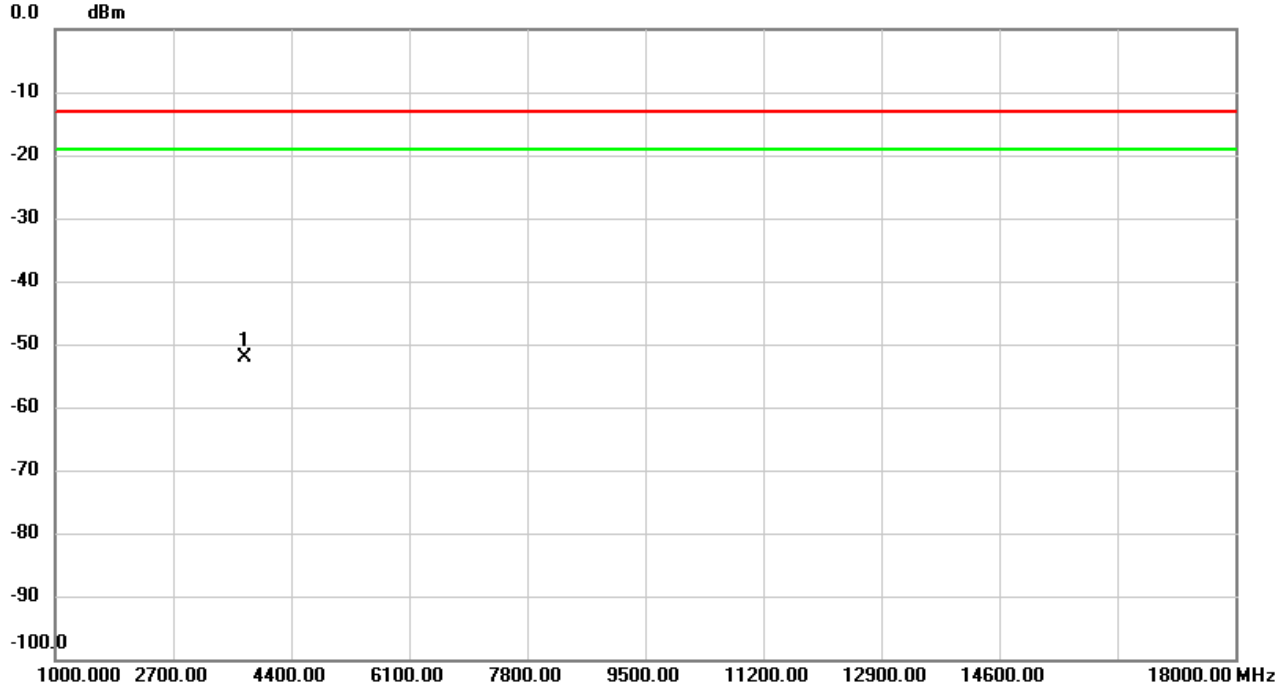
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	Low CH	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3720.000	-63.23	11.22	-52.01	-13.00	-39.01	peak	

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

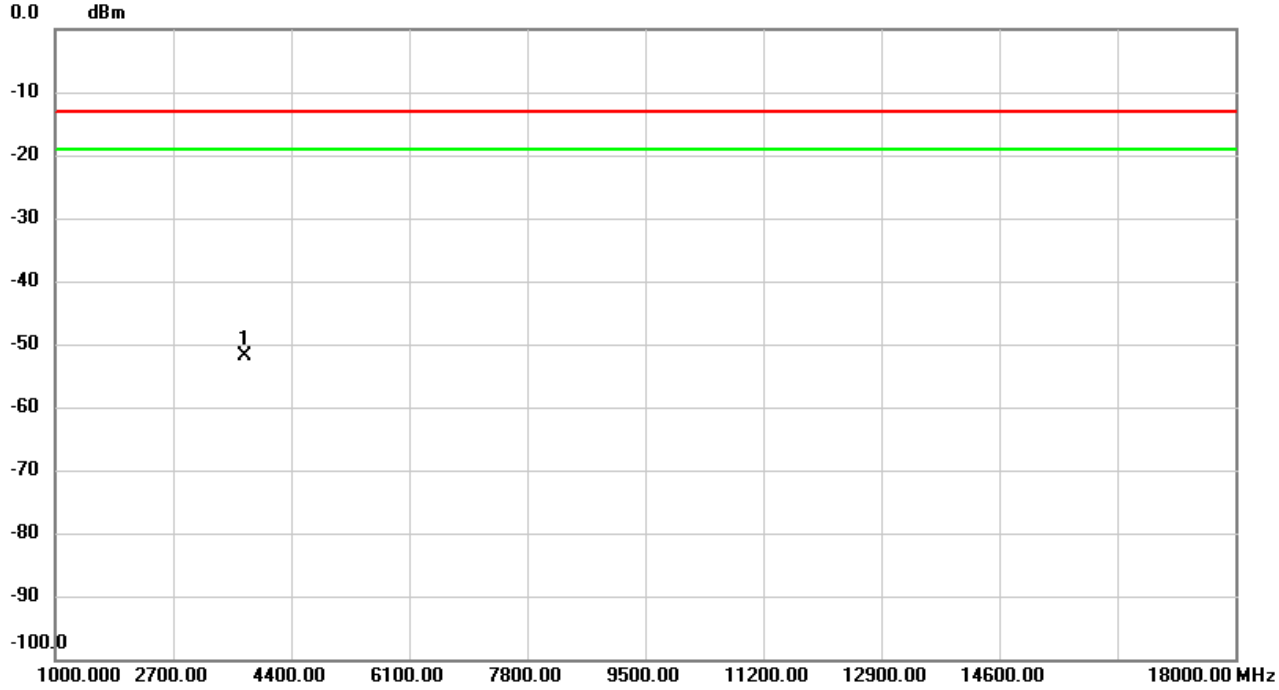
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	Middle CH	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3740.000	-63.51	11.46	-52.05	-13.00	-39.05	peak	

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

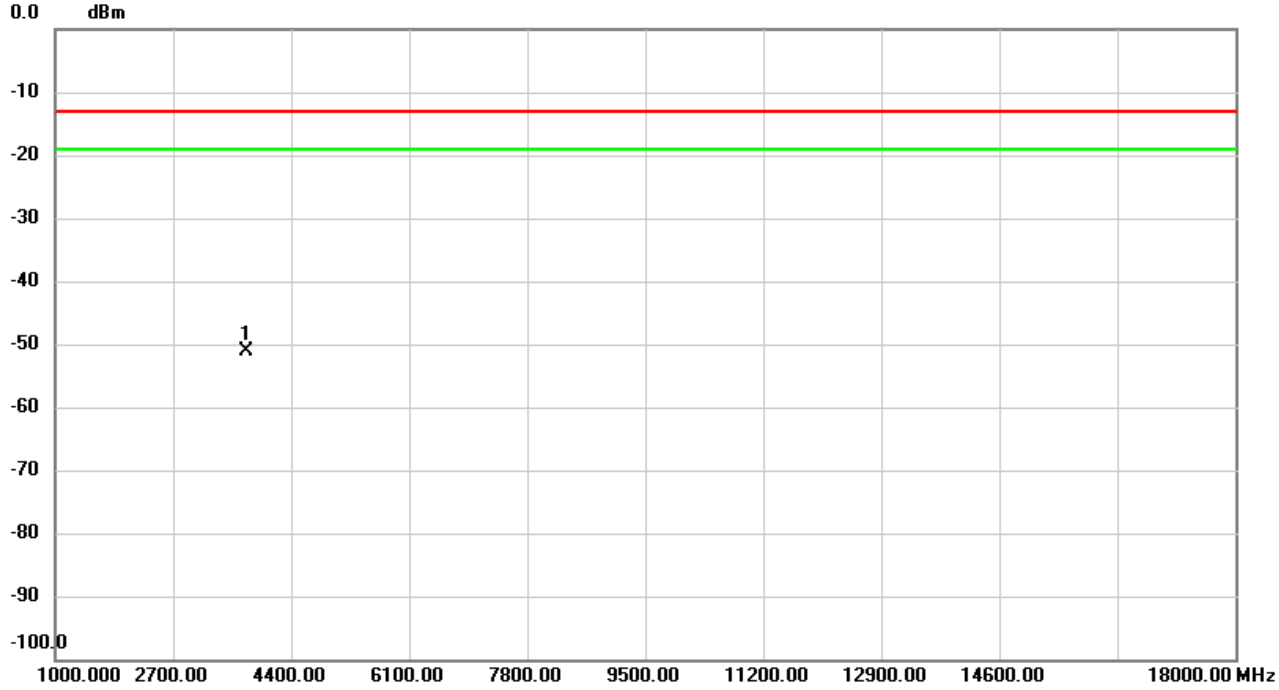
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	Middle CH	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3740.000	-63.01	11.22	-51.79	-13.00	-38.79	peak	

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

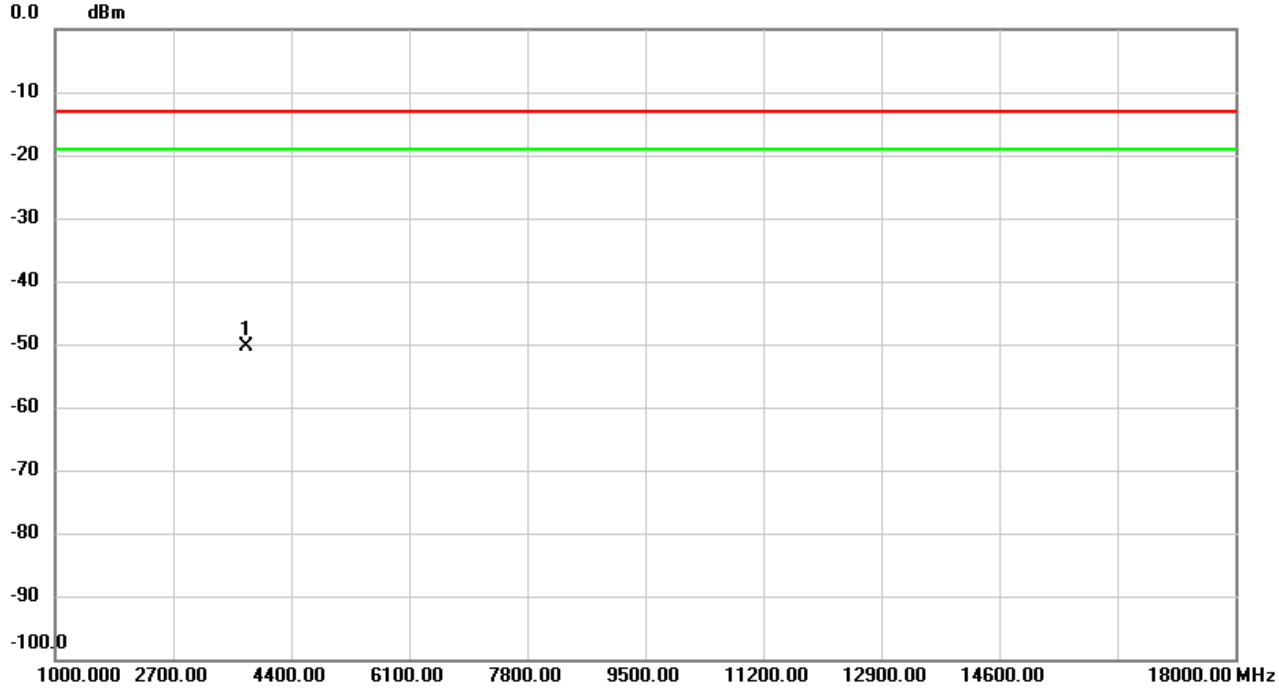
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	High CH	Polarization	Vertical
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3760.000	-62.65	11.44	-51.21	-13.00	-38.21	peak	

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

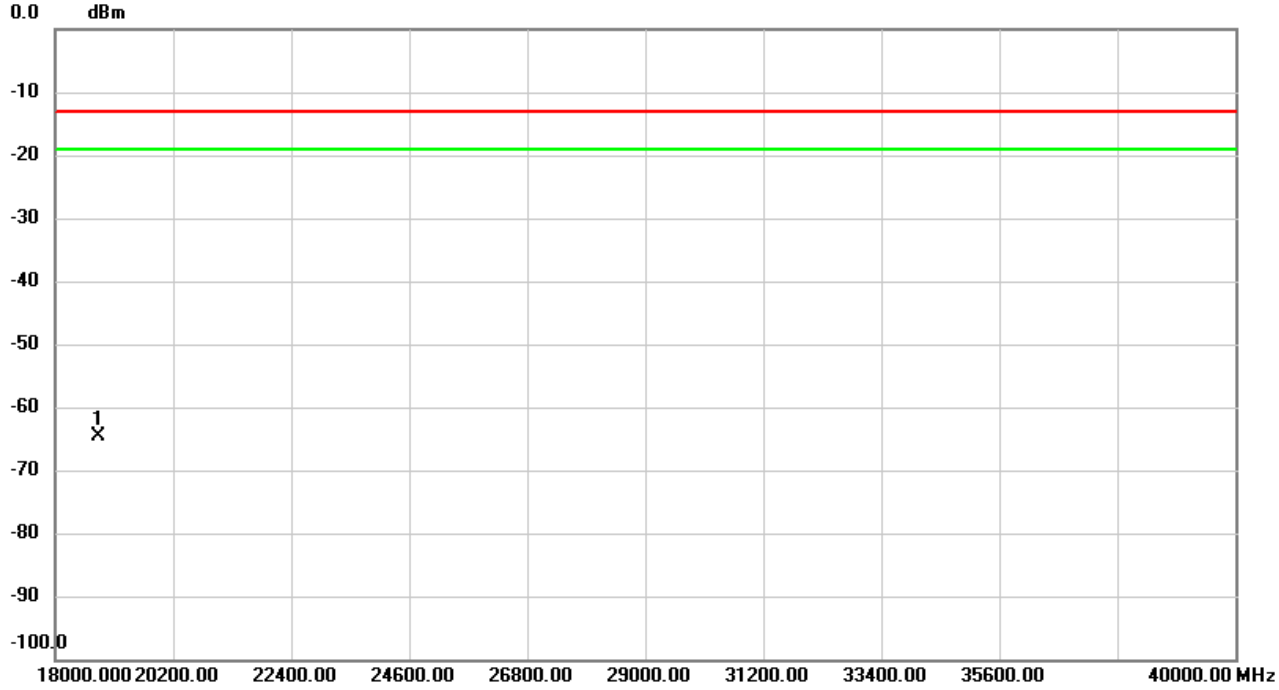
Test Mode	LTE Band CA_2C	Test Date	2023/12/1
Test Channel	High CH	Polarization	Horizontal
Temp	21°C	Hum.	57%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3760.000	-61.75	11.31	-50.44	-13.00	-37.44	peak	

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

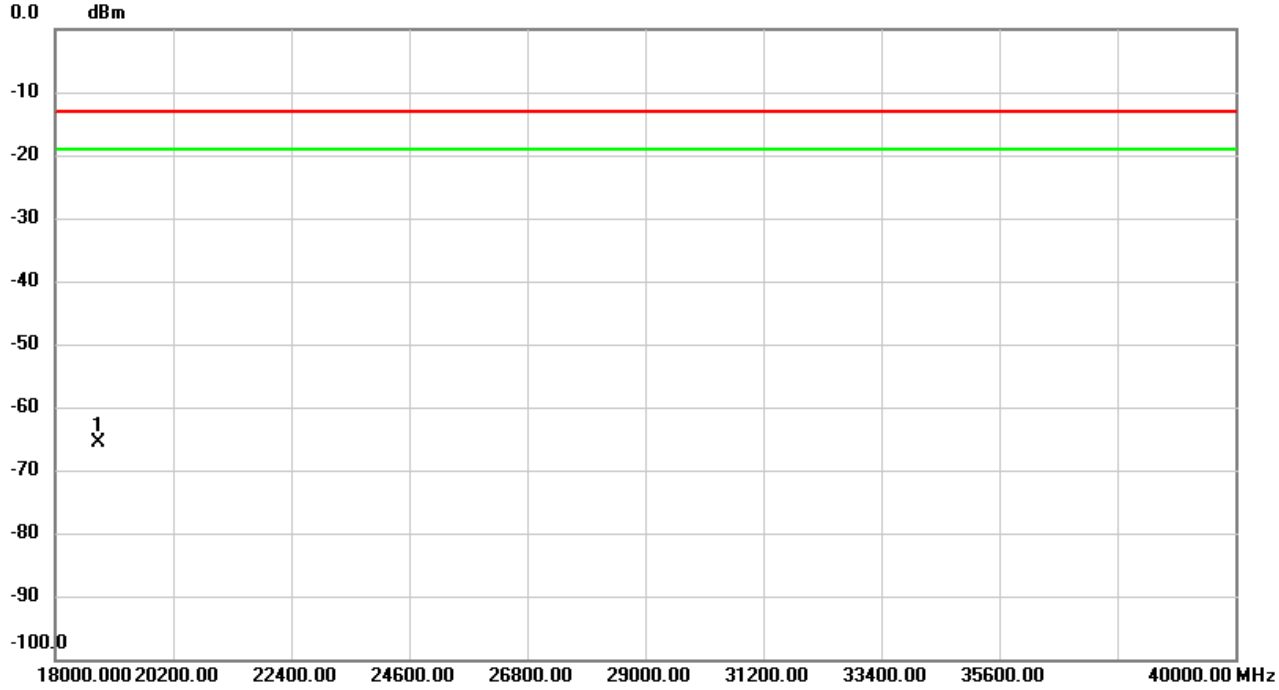
Test Mode	LTE Band CA_2C	Test Date	2024/1/4
Test Channel	High CH	Polarization	Vertical
Temp	23°C	Hum.	55%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18800.00	-58.13	-6.44	-64.57	-13.00	-51.57	peak	

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

Test Mode	LTE Band CA_2C	Test Date	2024/1/4
Test Channel	High CH	Polarization	Horizontal
Temp	23°C	Hum.	55%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	18800.00	-59.15	-6.44	-65.59	-13.00	-52.59	peak	

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

End of Test Report