FCC Radio Test Report

FCC ID: 2AJN7-TP00143AL

Report No.	:	BTL-FCCP-12-2112T127
Equipment	:	Notebook Computer
Model Name	:	TP00143AL
Brand Name	:	Lenovo
Applicant	:	LC Future Center
Address	:	7F., No. 780, Beian Rd., Zhongshan Dist., Taipei City 104, Taiwan
Manufacturer	:	Lenovo PC HK Limited
Address	:	23/F, Lincoln House, Taikoo Place 979 King's Road, Quarry Bay, Hong Kong, P.R. China
Radio Function	:	WCDMA Band II, LTE Band 2, 25
FCC Rule Part(s)	:	FCC CFR Title 47, Part 24, Subpart E
Measurement Procedure(s)	:	ANSI C63.26-2015 ANSI/TIA-603-E-2016 FCC KDB 971168 D01 Power Meas License Digital Systems v03r01
Date of Receipt	:	2022/1/13
Date of Test	:	2022/1/13 ~ 2022/3/11
Issued Date	:	2022/3/31

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

Prepared by : Eric Lee

Eric Lee, Engineer

Approved by : Jerry Chuang

Jerry Chuang, Supervisor

BTL Inc.

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

Tel: +886-2-2657-3299 Fax: +886-2-2657-3331 Web: www.newbtl.com

Declaration

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

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

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-12-2112T127	R00	Original Report.	2022/3/31	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	------
2.1046 24.232(c)	Conducted Output Power Effective Isotropic Radiated Power	APPENDIX B	Pass	------
24.232(d)	Peak To Average Ratio	NOTE (3)	Pass	------
2.1049	Occupied Bandwidth	NOTE (3)	Pass	------
24.238(a)	Band Edge Measurements	NOTE (3)	Pass	------
2.1051 24.238(a)	Conducted Spurious Emissions	NOTE (3)	Pass	------
2.1055 24.235	Frequency Stability Temperature & Voltage	NOTE (3)	Pass	------
2.1053 24.238(a)	Radiated Spurious Emissions	APPENDIX C	Pass	------

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) This item is demonstrated to full compliance referring to the test report number FG0O3022A, FG0O3022B of the integrated module (model name: L860-GL-16, FCC ID: ZMOL860GL16), according to KDB 996369 D02 Q1 a) 2).
(4) The ac power lines conducted emissions and radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.

1.1 TEST FACILITY

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

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 355421 and DN: TW1099.

☒ C05 ☐ CB08 ☐ CB11 ☒ CB15 ☐ CB16
☒ SR05

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

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

B. Effective Isotropic Radiated Power and Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB15	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

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

1.3 TEST ENVIRONMENT CONDITIONS

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

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Notebook Computer			
Model Name	TP00143AL			
Brand Name	Lenovo			
Model Difference	N/A			
Power Source	DC voltage supplied from External Power Supply. (Lenovo/ ADL135SLC3A, ADL135SCC2A)			
Power Rating	I/P: 100-240V~ 2.5A 50-60Hz O/P: DC20.0V 6.75A 135.0W			
WWAN Module	Fibocom / L860-GL-16			
Operation Frequency	Band	UL Frequency (MHz)	DL Frequency (MHz)	
	WCDMA 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	-	-	0.322
	LTE 2	1.4	QPSK	0.263
			16QAM	0.212
		3	QPSK	0.265
			16QAM	0.214
		5	QPSK	0.270
			16QAM	0.218
		10	QPSK	0.275
			16QAM	0.222
		15	QPSK	0.278
			16QAM	0.224
		20	QPSK	0.286
			16QAM	0.231
	LTE 25	1.4	QPSK	0.256
			16QAM	0.207
		3	QPSK	0.259
			16QAM	0.209
		5	QPSK	0.264
			16QAM	0.213
		10	QPSK	0.268
			16QAM	0.216
		15	QPSK	0.271
			16QAM	0.219
		20	QPSK	0.279
			16QAM	0.225
Test Model	TP00143AL			
Sample Status	Engineering Sample			
EUT Modification(s)	N/A			

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

(2) Table for Filed Antenna:

Antenna	Manufacture	Parts Number	Type	Connector	Gain (dBi)	Note
Main	AWAN	DC33001WF00	PIFA	I-PEX	0.69	WCDMA Band II
						LTE Band 2
					0.57	LTE Band 25
Aux	AWAN	DC33001WF10	PIFA	I-PEX	-	RX only

2.2 TEST MODES

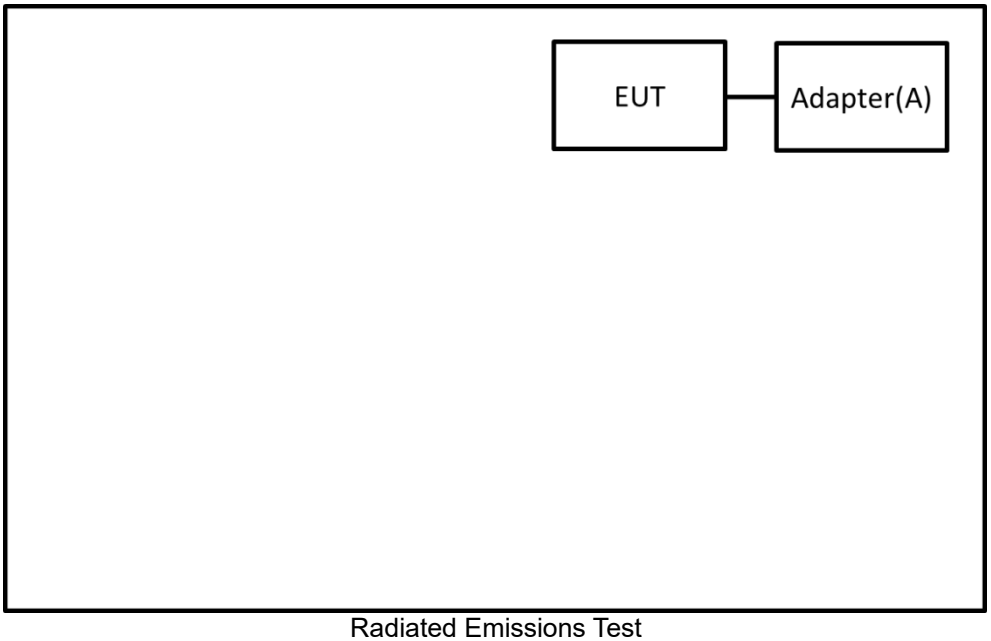
Test Items	Band	Test Mode	Note
AC Power Line Conducted Emissions	-	Normal/Idle	-
Conducted Output Power	WCDMA Band II	Refer to APPENDIX B	-
	LTE Band 2		
	LTE Band 25		
Effective Isotropic Radiated Power	WCDMA Band II	TX Mode (CH 9262/9400/9538)	-
	LTE Band 2	TX Mode (CH 18700/18900/19100)	-
	LTE Band 25	TX Mode (CH 26140/26365/26590)	-
Radiated Spurious Emissions	WCDMA Band II	TX Mode (CH 9400)	-
	LTE Band 2	TX Mode (CH 18900)	-
	LTE Band 25	TX Mode (CH 26365)	-

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

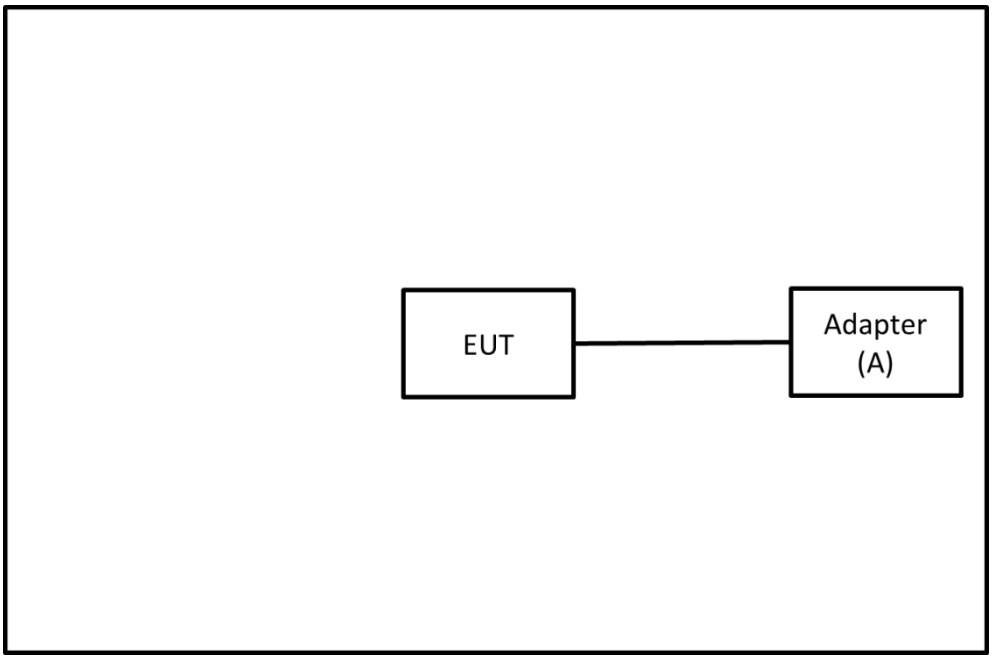
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

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

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

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

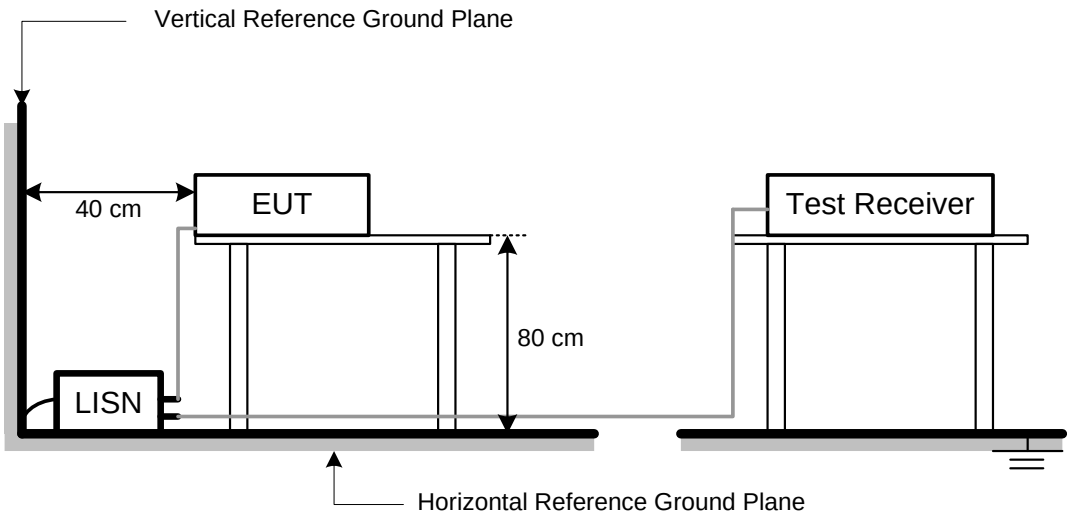
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 EFFECTIVE ISOTROPICAL RADIATED POWER MEASUREMENT

4.1 LIMIT

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

NOTE:
(1) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

Reading Level		Correct Factor		Measurement Value
-29.66	+	34.26	=	4.60

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

4.2 TEST PROCEDURE

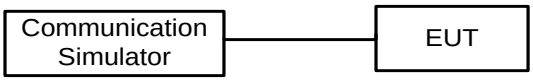
The testing follows FCC KDB 971168 v03r01 Section 5.8.
a. Substitution method is used for E.I.R.P measurement. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power. The “Read Value” is the spectrum reading the maximum power value.
b. The substitution horn antenna is substituted for EUT at the same position and signals generator export the CW signal to the substitution antenna via a TX cable. Rotated the Turn Table and moved receiving antenna to find the maximum radiation power. Adjust output power level of S.G to get a Value of spectrum reading equal to “Read Value “ of step a. Record the power level of S.G
c. EIRP = Output power level of S.G – TX cable loss + Antenna gain of substitution horn.
d. ERP can be calculated form EIRP by subtracting the gain of dipole, ERP = EIPR - 2.15dBi..
e. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1MHz/3MHz.

4.3 DEVIATION FROM TEST STANDARD

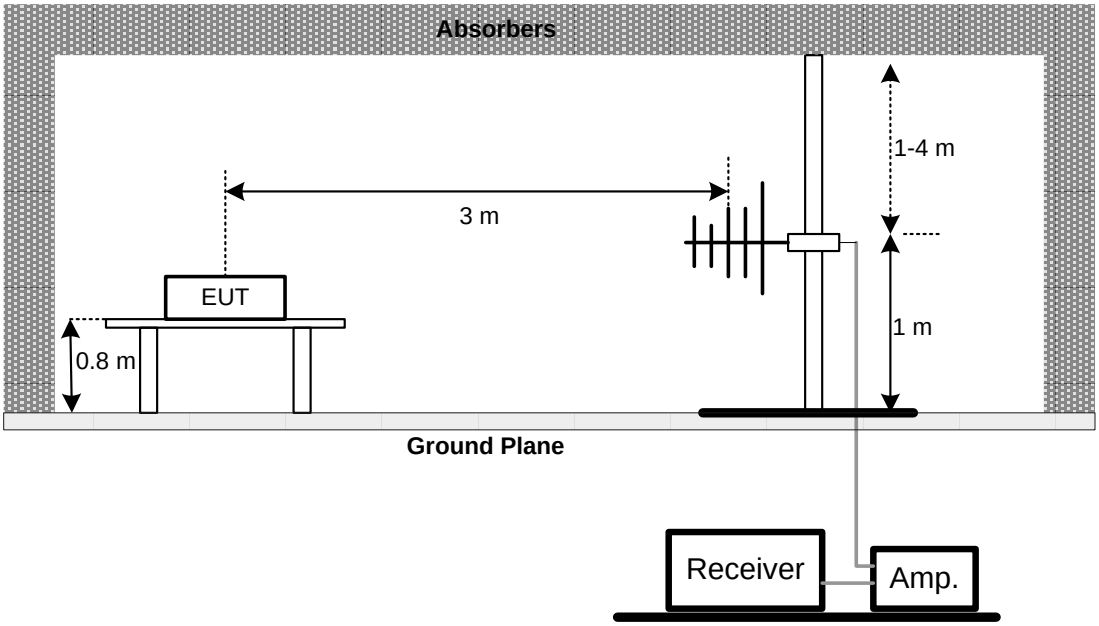
No deviation.

4.4 TEST SETUP

Conducted Measurement:



Radiated Measurement:



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT

Please refer to the APPENDIX B.

5 RADIATED SPURIOUS EMISSIONS MEASUREMENT

5.1 LIMIT

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

NOTE:
(1) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

Reading Level		Correct Factor		Measurement Value
-50.43	+	-2.11	=	-52.54

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

5.2 TEST PROCEDURE

The testing follows FCC KDB 971168 v03r01 Section 6.2.

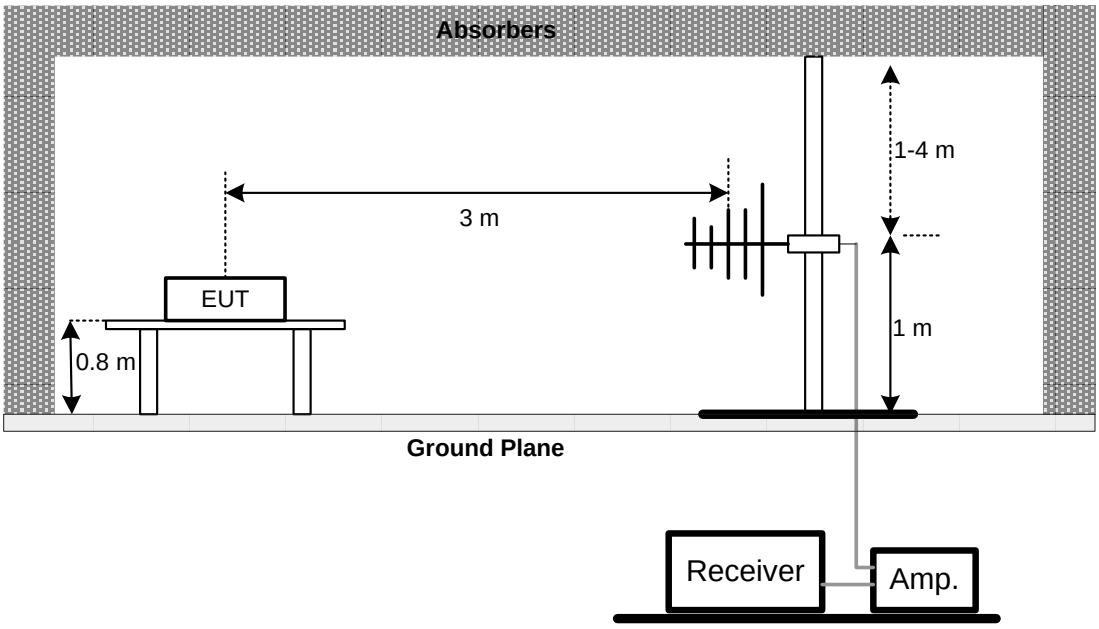
f. In the semi-anechoic chamber, EUT placed on the 0.8m height of Turn Table, rotated the table around 360 degrees to search the maximum radiation power and receiver antenna shall be rotated vertical and horizontal polarization and moved height from 1m to 4m to find the maximum polar radiated power.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

5.3 DEVIATION FROM TEST STANDARD

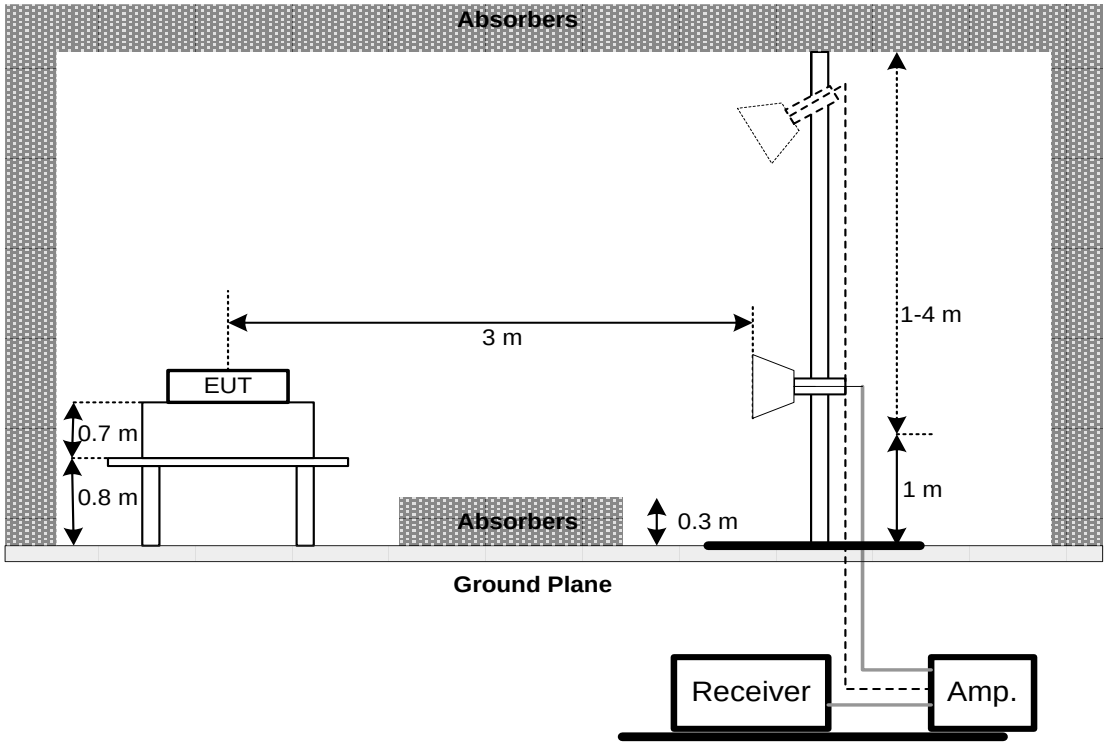
No deviation.

5.4 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX C.

6 LIST OF MEASURING EQUIPMENTS

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

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

Effective Isotropic Radiated Power and Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC02325	980217	2021/4/8	2022/4/7
2	Preamplifier	EMCI	EMC012645B	980222	2021/4/8	2022/4/7
3	Test Cable	EMCI	EMC104-SM-100 0	180809	2021/4/8	2022/4/7
4	Test Cable	EMCI	EMC104-SM-SM-3000	151205	2021/4/8	2022/4/7
5	Test Cable	EMCI	EMC-SM-SM-700 0	180408	2021/4/8	2022/4/7
6	MXE EMI Receiver	Agilent	N9038A	MY56400087	2021/5/27	2022/5/26
7	Signal Analyzer	Agilent	N9010A	MY56480554	2021/8/25	2022/8/24
8	Horn Ant	SCHWARZBECK	BBHA 9120D	9120D-1342	2021/6/2	2022/6/1
9	Horn Ant	Schwarzbeck	BBHA 9170	340	2021/7/9	2022/7/8
10	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	9168-352	2021/8/11	2022/8/10
11	5dB Attenuator	EMCI	EMCI-N-6-05	AT-N0625	2021/8/11	2022/8/10
12	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A
13	8960 Series 10 Wireless Com Test Set	Agilent	E5515C	GB47390193	2021/7/23	2022/7/22
14	Radio Communication Analyzer (LTE)	Anritsu	MT8821C	6262044728	2021/11/28	2022/11/27

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

7 EUT TEST PHOTO

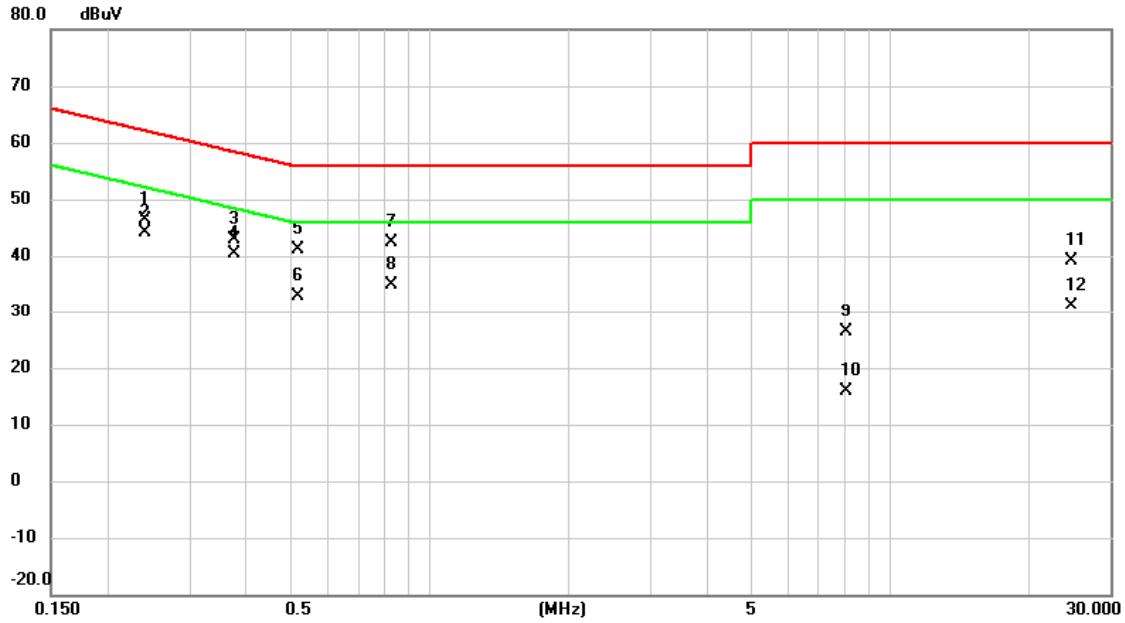
Please refer to document Appendix No.: TP-2112T127-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

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

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

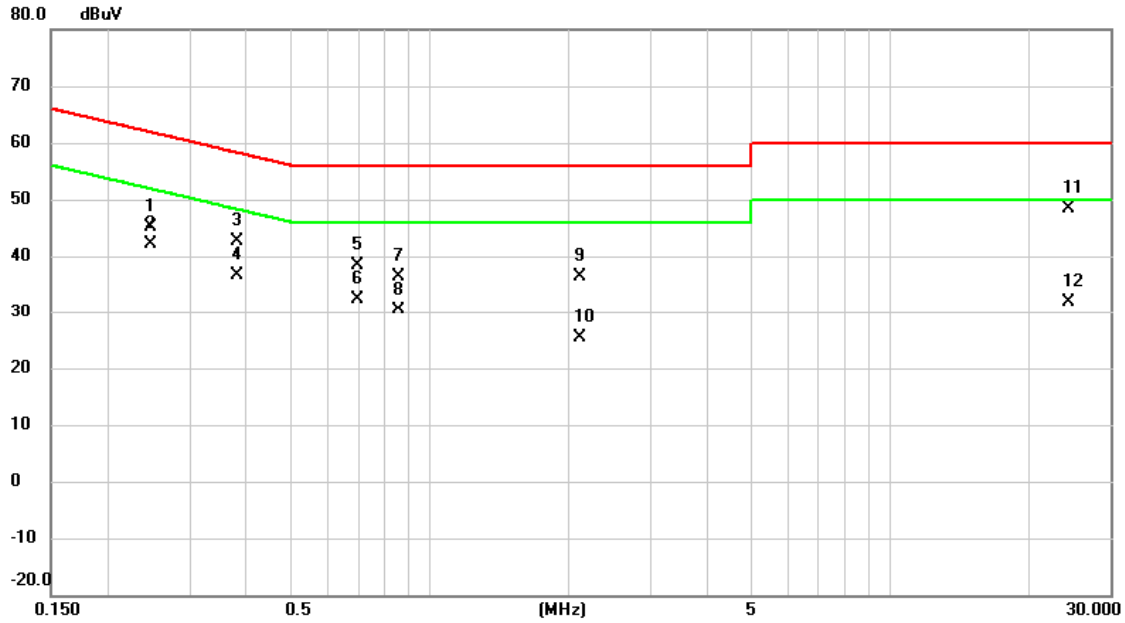
Test Mode	Normal	Tested Date	2022/2/16
Test Frequency	-	Phase	Line



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

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

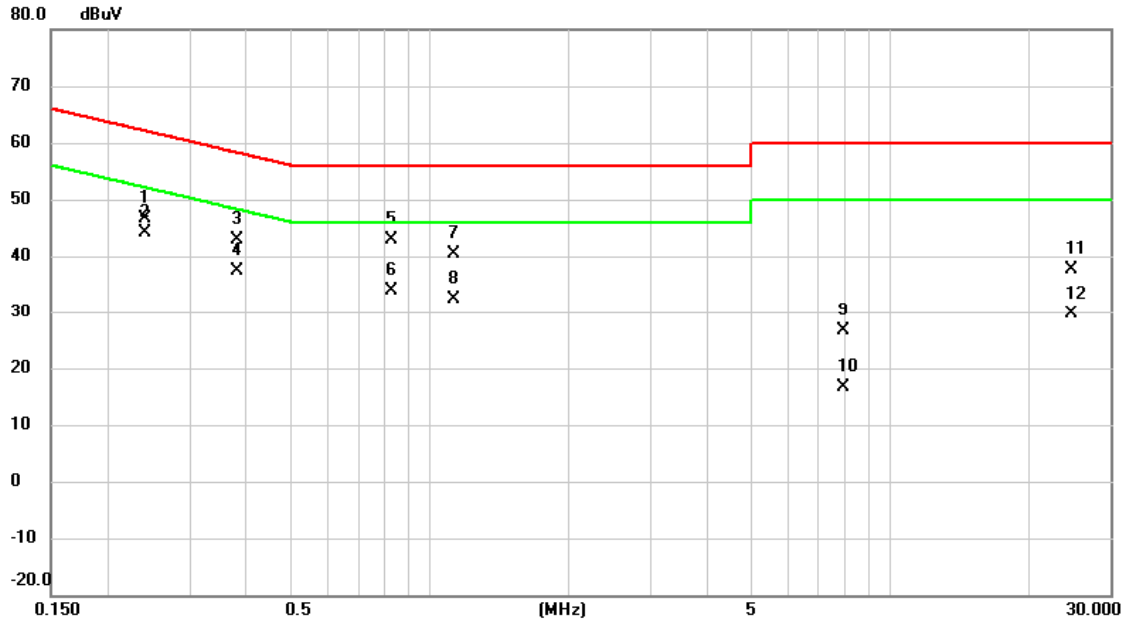
Test Mode	Normal	Tested Date	2022/2/16
Test Frequency	-	Phase	Neutral



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

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

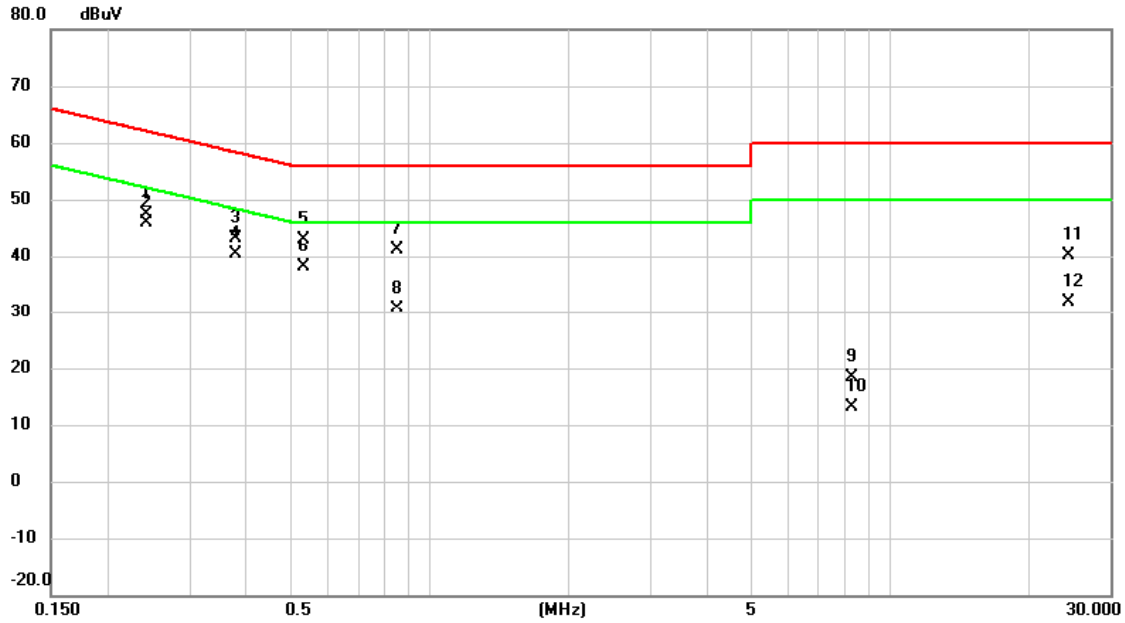
Test Mode	Idle	Tested Date	2022/2/16
Test Frequency	-	Phase	Line



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

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

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



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

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

APPENDIX B EFFECTIVE ISOTROPIC RADIATED POWER

Conducted Output Power and Calculated EIRP:

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	23.34	24.03	0.253
		9400/9800	1880.0	24.39	25.08	0.322
		9538/9938	1907.6	24.33	25.02	0.318

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSDPA Band II	1	9262/9662	1852.4	24.26	24.95	0.313
		9400/9800	1880.0	24.31	25.00	0.316
		9538/9938	1907.6	24.26	24.95	0.313
	2	9262/9662	1852.4	23.76	24.45	0.279
		9400/9800	1880.0	23.83	24.52	0.283
		9538/9938	1907.6	23.76	24.45	0.279
	3	9262/9662	1852.4	23.27	23.96	0.249
		9400/9800	1880.0	23.34	24.03	0.253
		9538/9938	1907.6	23.31	24.00	0.251
	4	9262/9662	1852.4	23.31	24.00	0.251
		9400/9800	1880.0	23.38	24.07	0.255
		9538/9938	1907.6	23.28	23.97	0.249

Band	Sub-test	UL/DL Channel No.	Frequency(MHz)	Average power(dBm)	EIRP power (dBm)	EIRP power (W)
HSUPA Band II	1	9262/9662	1852.4	24.21	24.90	0.309
		9400/9800	1880.0	24.23	24.92	0.310
		9538/9938	1907.6	24.22	24.91	0.310
	2	9262/9662	1852.4	22.23	22.92	0.196
		9400/9800	1880.0	22.28	22.97	0.198
		9538/9938	1907.6	22.23	22.92	0.196
	3	9262/9662	1852.4	23.26	23.95	0.248
		9400/9800	1880.0	23.27	23.96	0.249
		9538/9938	1907.6	23.23	23.92	0.247
	4	9262/9662	1852.4	22.26	22.95	0.197
		9400/9800	1880.0	22.24	22.93	0.196
		9538/9938	1907.6	22.25	22.94	0.197
	5	9262/9662	1852.4	24.16	24.85	0.305
		9400/9800	1880.0	24.16	24.85	0.305
		9538/9938	1907.6	24.13	24.82	0.303

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	23.5	24.1	0.259
					1	2	0	23.3	24.0	0.253
					1	5	0	23.3	23.9	0.248
					3	0	0	22.5	23.2	0.210
					3	1	0	22.4	23.1	0.203
					3	2	0	22.3	23.0	0.200
					6	0	1	22.5	23.2	0.208
				16QAM	1	0	1	22.5	23.2	0.209
					1	2	1	22.4	23.1	0.205
					1	5	1	22.4	23.0	0.201
					3	0	1	21.4	22.1	0.163
					3	1	1	21.3	22.0	0.158
					3	2	1	21.2	21.9	0.155
					6	0	2	21.4	22.1	0.162
		18900	1880.0	QPSK	1	0	0	23.5	24.2	0.263
					1	2	0	23.4	24.1	0.258
					1	5	0	23.4	24.0	0.254
					3	0	0	22.6	23.3	0.213
					3	1	0	22.5	23.2	0.207
					3	2	0	22.4	23.1	0.205
					6	0	1	22.6	23.2	0.211
				16QAM	1	0	1	22.6	23.3	0.212
					1	2	1	22.5	23.2	0.209
					1	5	1	22.5	23.1	0.206
					3	0	1	21.5	22.2	0.164
					3	1	1	21.4	22.0	0.160
					3	2	1	21.3	21.9	0.156
					6	0	2	21.4	22.1	0.161
		19192	1909.2	QPSK	1	0	0	23.5	24.2	0.261
					1	2	0	23.3	24.0	0.253
					1	5	0	23.3	24.0	0.248
					3	0	0	22.6	23.3	0.212
					3	1	0	22.4	23.1	0.203
					3	2	0	22.3	23.0	0.200
					6	0	1	22.5	23.2	0.209
				16QAM	1	0	1	22.6	23.2	0.211
					1	2	1	22.4	23.1	0.205
					1	5	1	22.4	23.1	0.202
					3	0	1	21.4	22.1	0.162
					3	1	1	21.2	21.9	0.156
					3	2	1	21.4	22.1	0.160
					6	0	2	21.4	22.1	0.160

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	23.5	24.2	0.262
					1	7	0	23.4	24.1	0.255
					1	14	0	23.3	24.0	0.250
					8	0	1	22.6	23.3	0.212
					8	4	1	22.4	23.1	0.205
					8	7	1	22.4	23.1	0.202
					15	0	1	22.5	23.2	0.210
				16QAM	1	0	1	22.6	23.3	0.211
					1	7	1	22.5	23.2	0.207
					1	14	1	22.4	23.1	0.203
					8	0	2	21.5	22.2	0.165
					8	4	2	21.4	22.0	0.160
					8	7	2	21.2	21.9	0.156
					15	0	2	21.5	22.1	0.164
		18900	1880.0	QPSK	1	0	0	23.6	24.2	0.265
					1	7	0	23.5	24.2	0.261
					1	14	0	23.4	24.1	0.256
					8	0	1	22.6	23.3	0.215
					8	4	1	22.5	23.2	0.209
					8	7	1	22.5	23.2	0.207
					15	0	1	22.6	23.3	0.213
				16QAM	1	0	1	22.6	23.3	0.214
					1	7	1	22.6	23.2	0.211
					1	14	1	22.5	23.2	0.208
					8	0	2	21.5	22.2	0.166
					8	4	2	21.4	22.1	0.161
					8	7	2	21.3	22.0	0.158
					15	0	2	21.4	22.1	0.162
		19184	1908.4	QPSK	1	0	0	23.5	24.2	0.264
					1	7	0	23.4	24.1	0.255
					1	14	0	23.3	24.0	0.251
					8	0	1	22.6	23.3	0.214
					8	4	1	22.4	23.1	0.205
					8	7	1	22.4	23.1	0.202
					15	0	1	22.6	23.3	0.211
				16QAM	1	0	1	22.6	23.3	0.213
					1	7	1	22.5	23.2	0.207
					1	14	1	22.4	23.1	0.204
					8	0	2	21.5	22.1	0.164
					8	4	2	21.3	22.0	0.157
					8	7	2	21.4	22.1	0.162
					15	0	2	21.4	22.1	0.162

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	23.6	24.3	0.267
					1	12	0	23.5	24.2	0.260
					1	24	0	23.4	24.1	0.255
					12	0	1	22.7	23.4	0.216
					12	6	1	22.5	23.2	0.209
					12	11	1	22.4	23.1	0.206
					25	0	1	22.6	23.3	0.214
				16QAM	1	0	1	22.6	23.3	0.215
					1	12	1	22.5	23.2	0.210
					1	24	1	22.5	23.2	0.207
					12	0	2	21.6	22.3	0.168
					12	6	2	21.4	22.1	0.163
					12	11	2	21.3	22.0	0.159
					25	0	2	21.5	22.2	0.167
		18900	1880.0	QPSK	1	0	0	23.6	24.3	0.270
					1	12	0	23.6	24.2	0.265
					1	24	0	23.5	24.2	0.261
					12	0	1	22.7	23.4	0.219
					12	6	1	22.6	23.3	0.213
					12	11	1	22.5	23.2	0.210
					25	0	1	22.7	23.4	0.217
				16QAM	1	0	1	22.7	23.4	0.218
					1	12	1	22.6	23.3	0.215
					1	24	1	22.6	23.3	0.212
					12	0	2	21.6	22.3	0.169
					12	6	2	21.5	22.2	0.164
					12	11	2	21.4	22.1	0.161
					25	0	2	21.5	22.2	0.165
		19175	1907.5	QPSK	1	0	0	23.6	24.3	0.269
					1	12	0	23.5	24.2	0.260
					1	24	0	23.4	24.1	0.255
					12	0	1	22.7	23.4	0.218
					12	6	1	22.5	23.2	0.209
					12	11	1	22.5	23.1	0.206
					25	0	1	22.6	23.3	0.215
				16QAM	1	0	1	22.7	23.4	0.217
					1	12	1	22.5	23.2	0.210
					1	24	1	22.5	23.2	0.207
					12	0	2	21.5	22.2	0.167
					12	6	2	21.4	22.1	0.160
					12	11	2	21.5	22.2	0.165
					25	0	2	21.5	22.2	0.165

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	23.6	24.3	0.271
					1	24	0	23.5	24.2	0.264
					1	49	0	23.4	24.1	0.259
					25	0	1	22.7	23.4	0.220
					25	12	1	22.6	23.3	0.212
					25	24	1	22.5	23.2	0.209
					50	0	1	22.7	23.4	0.217
				16QAM	1	0	1	22.7	23.4	0.219
					1	24	1	22.6	23.3	0.214
					1	49	1	22.5	23.2	0.210
					25	0	2	21.6	22.3	0.171
					25	12	2	21.5	22.2	0.166
					25	24	2	21.4	22.1	0.161
					50	0	2	21.6	22.3	0.169
		18900	1880.0	QPSK	1	0	0	23.7	24.4	0.275
					1	24	0	23.6	24.3	0.270
					1	49	0	23.5	24.2	0.265
					25	0	1	22.8	23.5	0.223
					25	12	1	22.7	23.4	0.217
					25	24	1	22.6	23.3	0.214
					50	0	1	22.7	23.4	0.220
				16QAM	1	0	1	22.8	23.5	0.222
					1	24	1	22.7	23.4	0.218
					1	49	1	22.6	23.3	0.215
					25	0	2	21.7	22.4	0.172
					25	12	2	21.5	22.2	0.167
					25	24	2	21.4	22.1	0.163
					50	0	2	21.6	22.3	0.168
		19150	1905.0	QPSK	1	0	0	23.7	24.4	0.273
					1	24	0	23.5	24.2	0.264
					1	49	0	23.5	24.1	0.259
					25	0	1	22.8	23.5	0.221
					25	12	1	22.6	23.3	0.212
					25	24	1	22.5	23.2	0.209
					50	0	1	22.7	23.4	0.219
				16QAM	1	0	1	22.7	23.4	0.220
					1	24	1	22.6	23.3	0.214
					1	49	1	22.6	23.2	0.211
					25	0	2	21.6	22.3	0.169
					25	12	2	21.4	22.1	0.163
					25	24	2	21.6	22.2	0.167
					50	0	2	21.6	22.2	0.167

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	23.7	24.4	0.274
					1	37	0	23.6	24.3	0.267
					1	74	0	23.5	24.2	0.262
					36	0	1	22.8	23.5	0.222
					36	18	1	22.6	23.3	0.215
					36	35	1	22.6	23.3	0.211
					75	0	1	22.7	23.4	0.220
				16QAM	1	0	1	22.8	23.5	0.221
					1	37	1	22.7	23.4	0.216
					1	74	1	22.6	23.3	0.213
					36	0	2	21.7	22.4	0.173
					36	18	2	21.6	22.2	0.167
					36	35	2	21.4	22.1	0.163
					75	0	2	21.7	22.3	0.171
		18900	1880.0	QPSK	1	0	0	23.8	24.4	0.278
					1	37	0	23.7	24.4	0.273
					1	74	0	23.6	24.3	0.268
					36	0	1	22.8	23.5	0.225
					36	18	1	22.7	23.4	0.219
					36	35	1	22.7	23.4	0.216
					75	0	1	22.8	23.5	0.223
				16QAM	1	0	1	22.8	23.5	0.224
					1	37	1	22.8	23.4	0.221
					1	74	1	22.7	23.4	0.218
					36	0	2	21.7	22.4	0.174
					36	18	2	21.6	22.3	0.169
					36	35	2	21.5	22.2	0.165
					75	0	2	21.6	22.3	0.170
		19125	1902.5	QPSK	1	0	0	23.7	24.4	0.276
					1	37	0	23.6	24.3	0.267
					1	74	0	23.5	24.2	0.262
					36	0	1	22.8	23.5	0.224
					36	18	1	22.6	23.3	0.215
					36	35	1	22.6	23.3	0.212
					75	0	1	22.8	23.5	0.221
				16QAM	1	0	1	22.8	23.5	0.223
					1	37	1	22.7	23.4	0.216
					1	74	1	22.6	23.3	0.213
					36	0	2	21.7	22.3	0.171
					36	18	2	21.5	22.2	0.165
					36	35	2	21.6	22.3	0.169
					75	0	2	21.6	22.3	0.169

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	23.8	24.5	0.282
					1	49	0	23.7	24.4	0.275
					1	99	0	23.6	24.3	0.270
					50	0	1	22.9	23.6	0.229
					50	24	1	22.8	23.5	0.221
					50	49	1	22.7	23.4	0.218
					100	0	1	22.9	23.6	0.226
				16QAM	1	0	1	22.9	23.6	0.228
					1	49	1	22.8	23.5	0.223
					1	99	1	22.7	23.4	0.219
					50	0	2	21.8	22.5	0.178
					50	24	2	21.7	22.4	0.173
					50	49	2	21.6	22.3	0.168
					100	0	2	21.8	22.5	0.177
		18900	1880.0	QPSK	1	0	0	23.9	24.6	0.286
					1	49	0	23.8	24.5	0.281
					1	99	0	23.7	24.4	0.276
					50	0	1	23.0	23.7	0.232
					50	24	1	22.9	23.5	0.226
					50	49	1	22.8	23.5	0.223
					100	0	1	22.9	23.6	0.230
				16QAM	1	0	1	23.0	23.6	0.231
					1	49	1	22.9	23.6	0.228
					1	99	1	22.8	23.5	0.224
					50	0	2	21.8	22.5	0.179
					50	24	2	21.7	22.4	0.174
					50	49	2	21.6	22.3	0.170
					100	0	2	21.7	22.4	0.175
		19100	1900.0	QPSK	1	0	0	23.9	24.5	0.284
					1	49	0	23.7	24.4	0.275
					1	99	0	23.6	24.3	0.270
					50	0	1	22.9	23.6	0.231
					50	24	1	22.8	23.5	0.221
					50	49	1	22.7	23.4	0.218
					100	0	1	22.9	23.6	0.228
				16QAM	1	0	1	22.9	23.6	0.230
					1	49	1	22.8	23.5	0.223
					1	99	1	22.7	23.4	0.220
					50	0	2	21.8	22.5	0.177
					50	24	2	21.6	22.3	0.170
					50	49	2	21.7	22.4	0.175
					100	0	2	21.7	22.4	0.175

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	EIRP power (dBm)	EIRP power (W)
25	1.4	26047	1850.7	QPSK	1	0	0	23.45	24.02	0.252
					1	2	0	23.34	23.91	0.246
					1	5	0	23.25	23.82	0.241
					3	0	0	22.54	23.11	0.205
					3	1	0	22.39	22.96	0.198
					3	2	0	22.32	22.89	0.195
					6	0	1	22.49	23.06	0.202
				16QAM	1	0	1	22.52	23.09	0.204
					1	2	1	22.42	22.99	0.199
					1	5	1	22.35	22.92	0.196
					3	0	1	21.44	22.01	0.159
					3	1	1	21.31	21.88	0.154
					3	2	1	21.20	21.77	0.150
					6	0	2	21.41	21.98	0.158
		26365	1882.5	QPSK	1	0	0	23.52	24.09	0.256
					1	2	0	23.37	23.94	0.248
					1	5	0	23.29	23.86	0.243
					3	0	0	22.61	23.18	0.208
					3	1	0	22.42	22.99	0.199
					3	2	0	22.36	22.93	0.196
					6	0	1	22.56	23.13	0.206
				16QAM	1	0	1	22.59	23.16	0.207
					1	2	1	22.45	23.02	0.200
					1	5	1	22.39	22.96	0.198
					3	0	1	21.48	22.05	0.160
					3	1	1	21.29	21.86	0.153
					3	2	1	21.19	21.76	0.150
					6	0	2	21.38	21.95	0.157
		26683	1914.3	QPSK	1	0	0	23.48	24.05	0.254
					1	2	0	23.36	23.93	0.247
					1	5	0	23.31	23.88	0.244
					3	0	0	22.57	23.14	0.206
					3	1	0	22.41	22.98	0.199
					3	2	0	22.38	22.95	0.197
					6	0	1	22.52	23.09	0.204
				16QAM	1	0	1	22.55	23.12	0.205
					1	2	1	22.44	23.01	0.200
					1	5	1	22.41	22.98	0.199
					3	0	1	21.41	21.98	0.158
					3	1	1	21.26	21.83	0.152
					3	2	1	21.41	21.98	0.158
					6	0	2	21.36	21.93	0.156

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	EIRP power (dBm)	EIRP power (W)
25	3	26055	1851.5	QPSK	1	0	0	23.49	24.06	0.255
					1	7	0	23.38	23.95	0.248
					1	14	0	23.29	23.86	0.243
					8	0	1	22.58	23.15	0.207
					8	4	1	22.43	23.00	0.200
					8	7	1	22.36	22.93	0.196
					15	0	1	22.53	23.10	0.204
				16QAM	1	0	1	22.56	23.13	0.206
					1	7	1	22.46	23.03	0.201
					1	14	1	22.39	22.96	0.198
					8	0	2	21.48	22.05	0.160
					8	4	2	21.35	21.92	0.156
					8	7	2	21.24	21.81	0.152
					15	0	2	21.45	22.02	0.159
		26365	1882.5	QPSK	1	0	0	23.56	24.13	0.259
					1	7	0	23.41	23.98	0.250
					1	14	0	23.33	23.90	0.245
					8	0	1	22.65	23.22	0.210
					8	4	1	22.46	23.03	0.201
					8	7	1	22.40	22.97	0.198
					15	0	1	22.60	23.17	0.207
				16QAM	1	0	1	22.63	23.20	0.209
					1	7	1	22.49	23.06	0.202
					1	14	1	22.43	23.00	0.200
					8	0	2	21.52	22.09	0.162
					8	4	2	21.33	21.90	0.155
					8	7	2	21.23	21.80	0.151
					15	0	2	21.42	21.99	0.158
		26675	1913.5	QPSK	1	0	0	23.52	24.09	0.256
					1	7	0	23.40	23.97	0.249
					1	14	0	23.35	23.92	0.247
					8	0	1	22.61	23.18	0.208
					8	4	1	22.45	23.02	0.200
					8	7	1	22.42	22.99	0.199
					15	0	1	22.56	23.13	0.206
				16QAM	1	0	1	22.59	23.16	0.207
					1	7	1	22.48	23.05	0.202
					1	14	1	22.45	23.02	0.200
					8	0	2	21.45	22.02	0.159
					8	4	2	21.30	21.87	0.154
					8	7	2	21.45	22.02	0.159
					15	0	2	21.40	21.97	0.157

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	EIRP power (dBm)	EIRP power (W)
25	5	26065	1852.5	QPSK	1	0	0	23.57	24.14	0.259
					1	12	0	23.46	24.03	0.253
					1	24	0	23.37	23.94	0.248
					12	0	1	22.66	23.23	0.210
					12	6	1	22.51	23.08	0.203
					12	11	1	22.44	23.01	0.200
					25	0	1	22.61	23.18	0.208
				16QAM	1	0	1	22.64	23.21	0.209
					1	12	1	22.54	23.11	0.205
					1	24	1	22.47	23.04	0.201
					12	0	2	21.56	22.13	0.163
					12	6	2	21.43	22.00	0.158
					12	11	2	21.32	21.89	0.155
					25	0	2	21.53	22.10	0.162
		26365	1882.5	QPSK	1	0	0	23.64	24.21	0.264
					1	12	0	23.49	24.06	0.255
					1	24	0	23.41	23.98	0.250
					12	0	1	22.73	23.30	0.214
					12	6	1	22.54	23.11	0.205
					12	11	1	22.48	23.05	0.202
					25	0	1	22.68	23.25	0.211
				16QAM	1	0	1	22.71	23.28	0.213
					1	12	1	22.57	23.14	0.206
					1	24	1	22.51	23.08	0.203
					12	0	2	21.60	22.17	0.165
					12	6	2	21.41	21.98	0.158
					12	11	2	21.31	21.88	0.154
					25	0	2	21.50	22.07	0.161
		26665	1912.5	QPSK	1	0	0	23.60	24.17	0.261
					1	12	0	23.48	24.05	0.254
					1	24	0	23.43	24.00	0.251
					12	0	1	22.69	23.26	0.212
					12	6	1	22.53	23.10	0.204
					12	11	1	22.50	23.07	0.203
					25	0	1	22.64	23.21	0.209
				16QAM	1	0	1	22.67	23.24	0.211
					1	12	1	22.56	23.13	0.206
					1	24	1	22.53	23.10	0.204
					12	0	2	21.53	22.10	0.162
					12	6	2	21.38	21.95	0.157
					12	11	2	21.53	22.10	0.162
					25	0	2	21.48	22.05	0.160

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	EIRP power (dBm)	EIRP power (W)
25	10	26090	1855.0	QPSK	1	0	0	23.64	24.21	0.264
					1	24	0	23.53	24.10	0.257
					1	49	0	23.44	24.01	0.252
					25	0	1	22.73	23.30	0.214
					25	12	1	22.58	23.15	0.207
					25	24	1	22.51	23.08	0.203
					50	0	1	22.68	23.25	0.211
				16QAM	1	0	1	22.71	23.28	0.213
					1	24	1	22.61	23.18	0.208
					1	49	1	22.54	23.11	0.205
					25	0	2	21.63	22.20	0.166
					25	12	2	21.50	22.07	0.161
					25	24	2	21.39	21.96	0.157
					50	0	2	21.60	22.17	0.165
		26365	1882.5	QPSK	1	0	0	23.71	24.28	0.268
					1	24	0	23.56	24.13	0.259
					1	49	0	23.48	24.05	0.254
					25	0	1	22.80	23.37	0.217
					25	12	1	22.61	23.18	0.208
					25	24	1	22.55	23.12	0.205
					50	0	1	22.75	23.32	0.215
				16QAM	1	0	1	22.78	23.35	0.216
					1	24	1	22.64	23.21	0.209
					1	49	1	22.58	23.15	0.207
					25	0	2	21.67	22.24	0.167
					25	12	2	21.48	22.05	0.160
					25	24	2	21.38	21.95	0.157
					50	0	2	21.57	22.14	0.164
		26640	1910.0	QPSK	1	0	0	23.67	24.24	0.265
					1	24	0	23.55	24.12	0.258
					1	49	0	23.50	24.07	0.255
					25	0	1	22.76	23.33	0.215
					25	12	1	22.60	23.17	0.207
					25	24	1	22.57	23.14	0.206
					50	0	1	22.71	23.28	0.213
				16QAM	1	0	1	22.74	23.31	0.214
					1	24	1	22.63	23.20	0.209
					1	49	1	22.60	23.17	0.207
					25	0	2	21.60	22.17	0.165
					25	12	2	21.45	22.02	0.159
					25	24	2	21.60	22.17	0.165
					50	0	2	21.55	22.12	0.163

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	EIRP power (dBm)	EIRP power (W)
25	15	26115	1857.5	QPSK	1	0	0	23.69	24.26	0.267
					1	37	0	23.58	24.15	0.260
					1	74	0	23.49	24.06	0.255
					36	0	1	22.78	23.35	0.216
					36	18	1	22.63	23.20	0.209
					36	37	1	22.56	23.13	0.206
					75	0	1	22.73	23.30	0.214
				16QAM	1	0	1	22.76	23.33	0.215
					1	37	1	22.66	23.23	0.210
					1	74	1	22.59	23.16	0.207
					36	0	2	21.68	22.25	0.168
					36	18	2	21.55	22.12	0.163
					36	37	2	21.44	22.01	0.159
					75	0	2	21.65	22.22	0.167
		26365	1882.5	QPSK	1	0	0	23.76	24.33	0.271
					1	37	0	23.61	24.18	0.262
					1	74	0	23.53	24.10	0.257
					36	0	1	22.85	23.42	0.220
					36	18	1	22.66	23.23	0.210
					36	37	1	22.60	23.17	0.207
					75	0	1	22.80	23.37	0.217
				16QAM	1	0	1	22.83	23.40	0.219
					1	37	1	22.69	23.26	0.212
					1	74	1	22.63	23.20	0.209
					36	0	2	21.72	22.29	0.169
					36	18	2	21.53	22.10	0.162
					36	37	2	21.43	22.00	0.158
					75	0	2	21.62	22.19	0.166
		26615	1907.5	QPSK	1	0	0	23.72	24.29	0.269
					1	37	0	23.60	24.17	0.261
					1	74	0	23.55	24.12	0.258
					36	0	1	22.81	23.38	0.218
					36	18	1	22.65	23.22	0.210
					36	37	1	22.62	23.19	0.208
					75	0	1	22.76	23.33	0.215
				16QAM	1	0	1	22.79	23.36	0.217
					1	37	1	22.68	23.25	0.211
					1	74	1	22.65	23.22	0.210
					36	0	2	21.65	22.22	0.167
					36	18	2	21.50	22.07	0.161
					36	37	2	21.65	22.22	0.167
					75	0	2	21.60	22.17	0.165

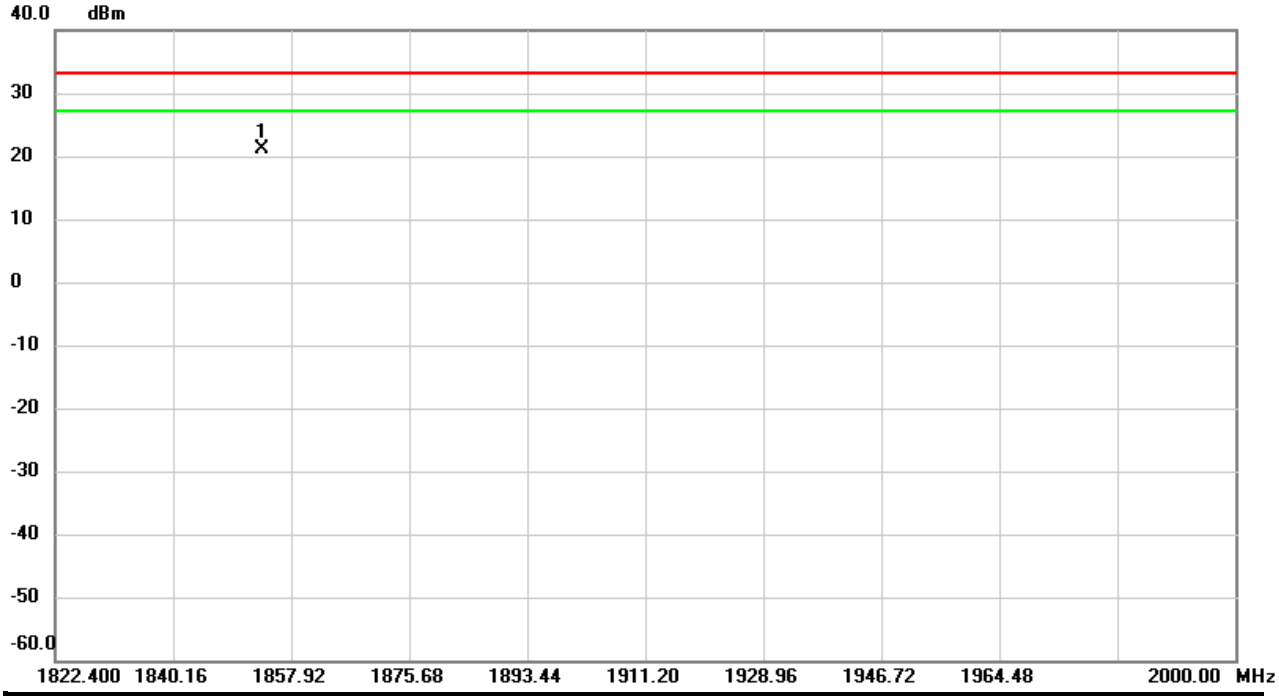
NOTE:
(1) EIRP = Average power + Antenna gain.
(2) ERP = EIRP - 2.15.
(3) $P(W) = 1\ W \cdot 10^{(P(dBm)\ /\ 10)} / 1000$

Band	BW (MHz)	Channel	Frequency (MHz)	Mode	UL RB Allocation	UL RB Offset	MPR	Average power	EIRP power (dBm)	EIRP power (W)
25	20	26140	1860.0	QPSK	1	0	0	23.82	24.39	0.275
					1	49	0	23.71	24.28	0.268
					1	99	0	23.62	24.19	0.262
					50	0	1	22.91	23.48	0.223
					50	24	1	22.76	23.33	0.215
					50	49	1	22.69	23.26	0.212
					100	0	1	22.86	23.43	0.220
				16QAM	1	0	1	22.89	23.46	0.222
					1	49	1	22.79	23.36	0.217
					1	99	1	22.72	23.29	0.213
					50	0	2	21.81	22.38	0.173
					50	24	2	21.68	22.25	0.168
					50	49	2	21.57	22.14	0.164
					100	0	2	21.78	22.35	0.172
		26365	1882.5	QPSK	1	0	0	23.89	24.46	0.279
					1	49	0	23.74	24.31	0.270
					1	99	0	23.66	24.23	0.265
					50	0	1	22.98	23.55	0.226
					50	24	1	22.79	23.36	0.217
					50	49	1	22.73	23.30	0.214
					100	0	1	22.93	23.50	0.224
				16QAM	1	0	1	22.96	23.53	0.225
					1	49	1	22.82	23.39	0.218
					1	99	1	22.76	23.33	0.215
					50	0	2	21.85	22.42	0.175
					50	24	2	21.66	22.23	0.167
					50	49	2	21.56	22.13	0.163
					100	0	2	21.75	22.32	0.171
		26590	1905.0	QPSK	1	0	0	23.85	24.42	0.277
					1	49	0	23.73	24.30	0.269
					1	99	0	23.68	24.25	0.266
					50	0	1	22.94	23.51	0.224
					50	24	1	22.78	23.35	0.216
					50	49	1	22.75	23.32	0.215
					100	0	1	22.89	23.46	0.222
				16QAM	1	0	1	22.92	23.49	0.223
					1	49	1	22.81	23.38	0.218
					1	99	1	22.78	23.35	0.216
					50	0	2	21.78	22.35	0.172
					50	24	2	21.63	22.20	0.166
					50	49	2	21.78	22.35	0.172
					100	0	2	21.73	22.30	0.170

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

Radiated ERIP Power:

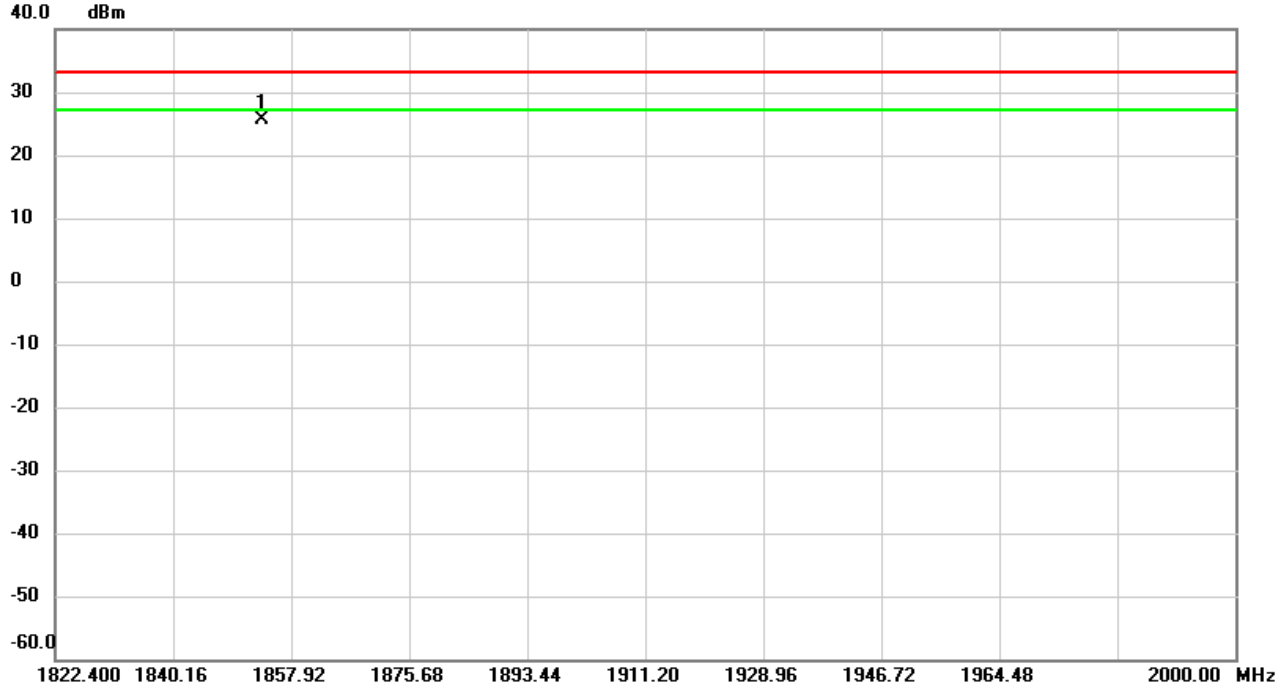
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9262	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1853.598	-18.48	39.68	21.20	33.01	-11.81	peak	

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

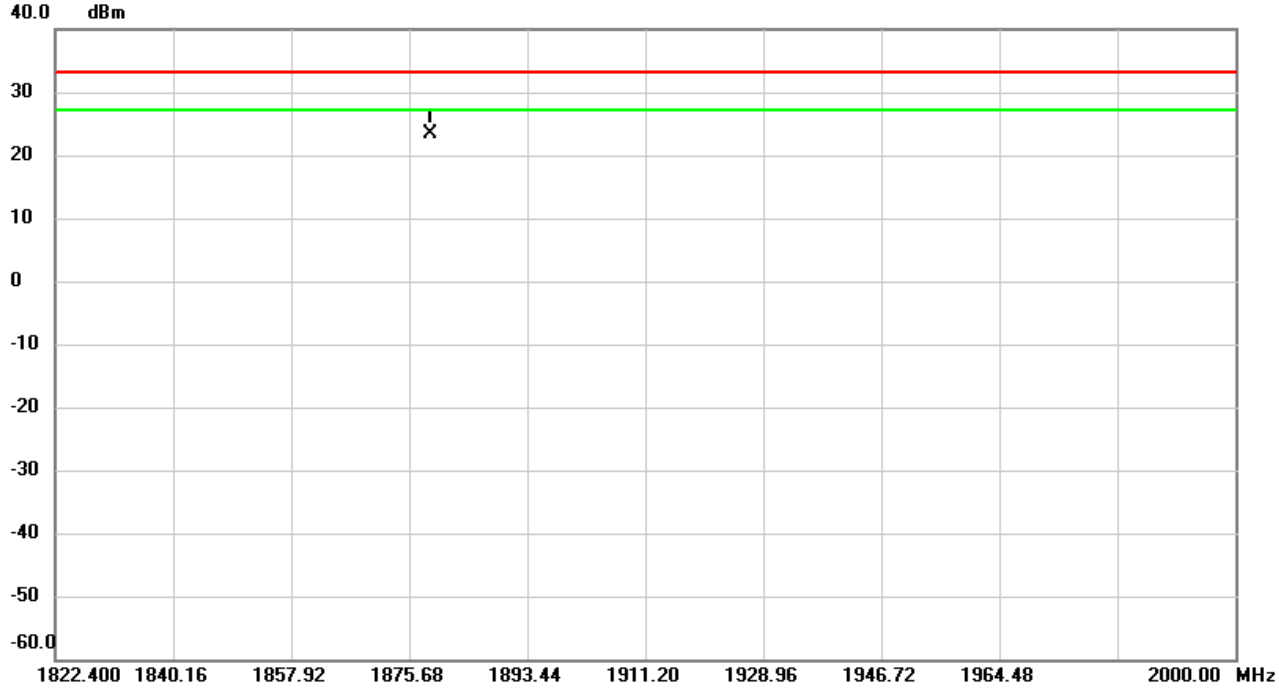
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9262	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1853.640	-15.01	40.60	25.59	33.01	-7.42	peak	

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

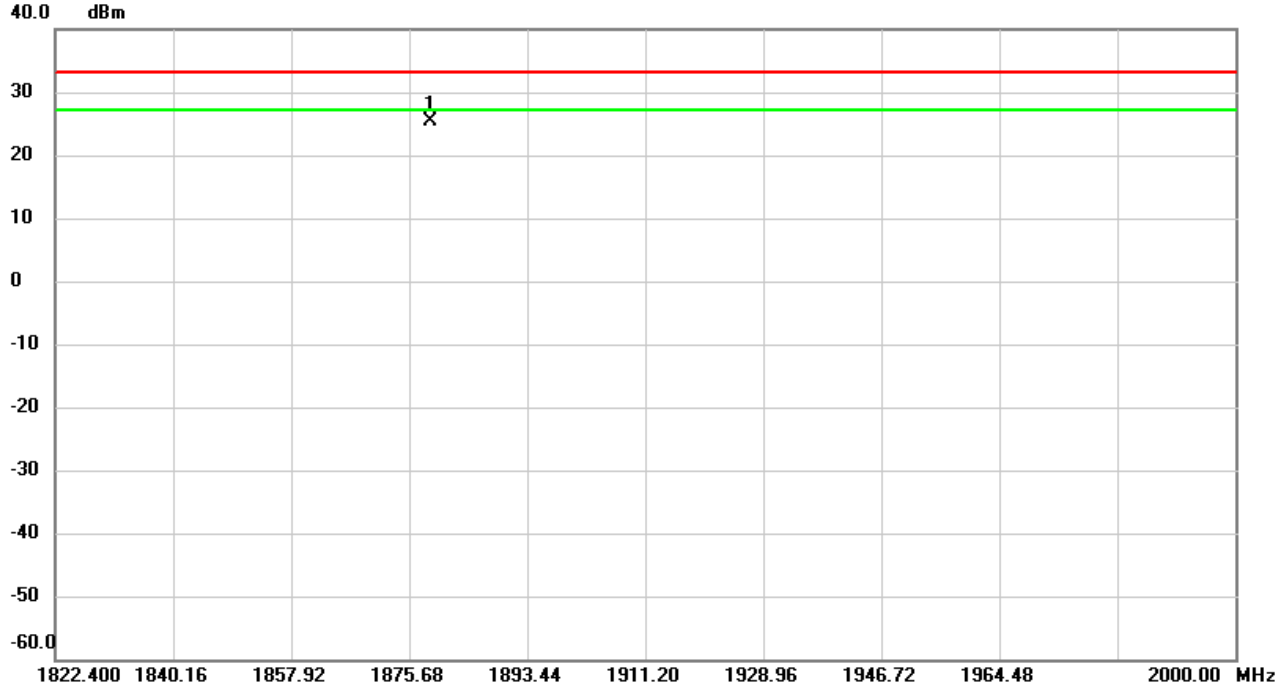
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1878.794	-16.43	39.78	23.35	33.01	-9.66	peak	

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

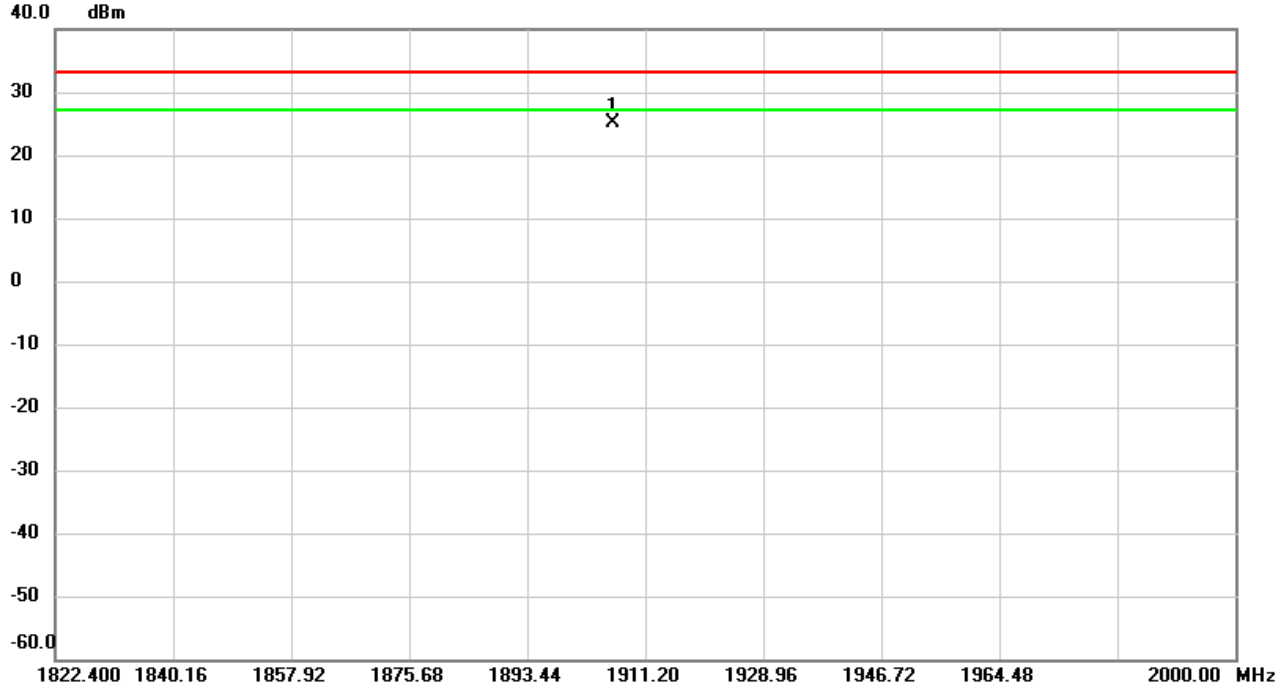
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1878.841	-15.27	40.73	25.46	33.01	-7.55	peak	

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

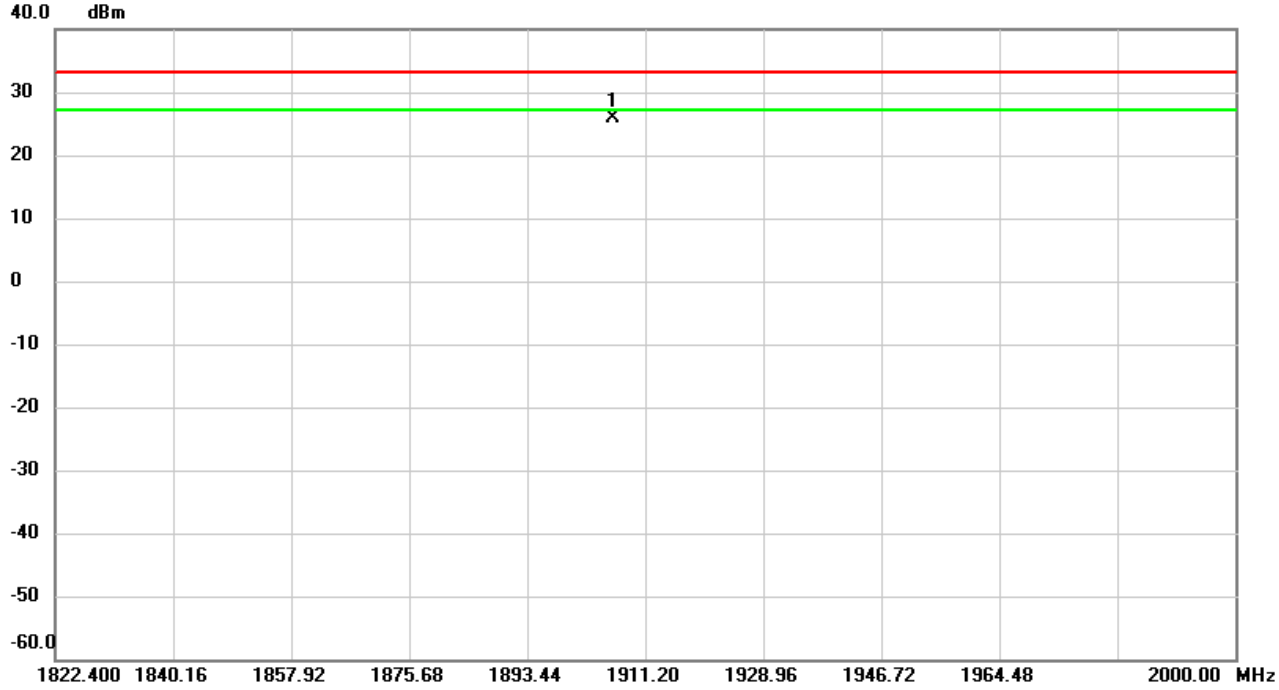
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9538	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1906.346	-14.71	39.88	25.17	33.01	-7.84	peak	

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

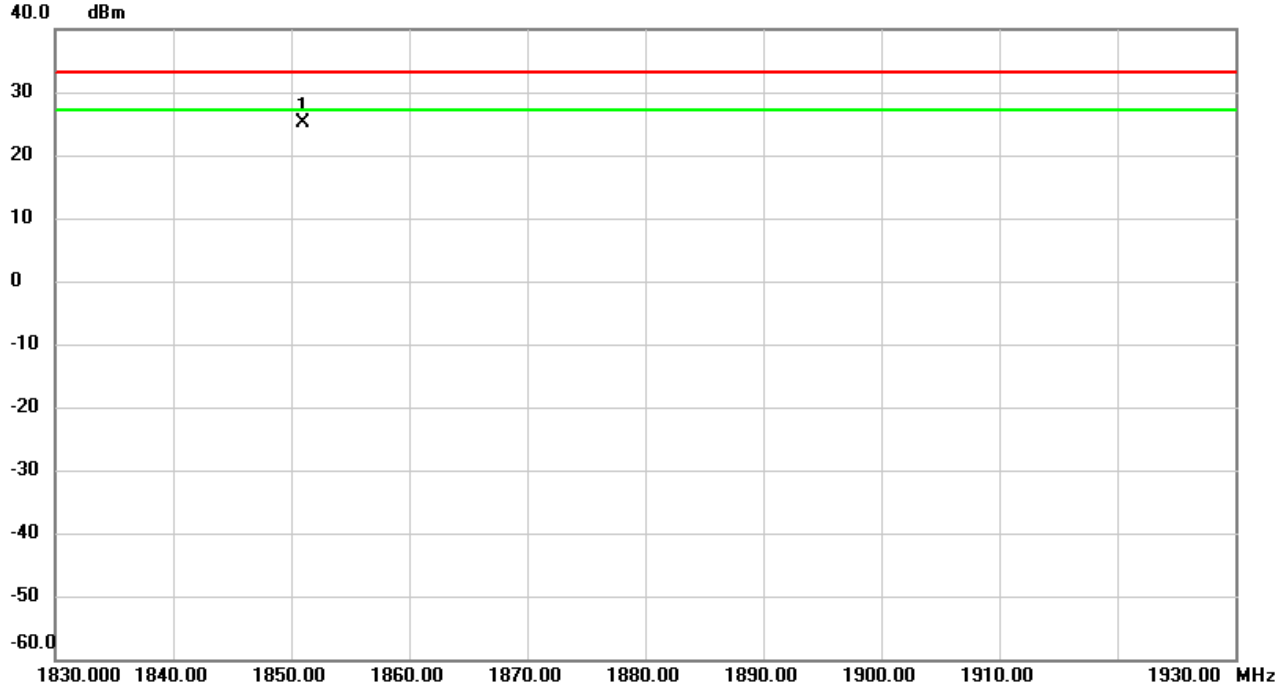
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9538	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1906.393	-15.04	40.87	25.83	33.01	-7.18	peak	

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

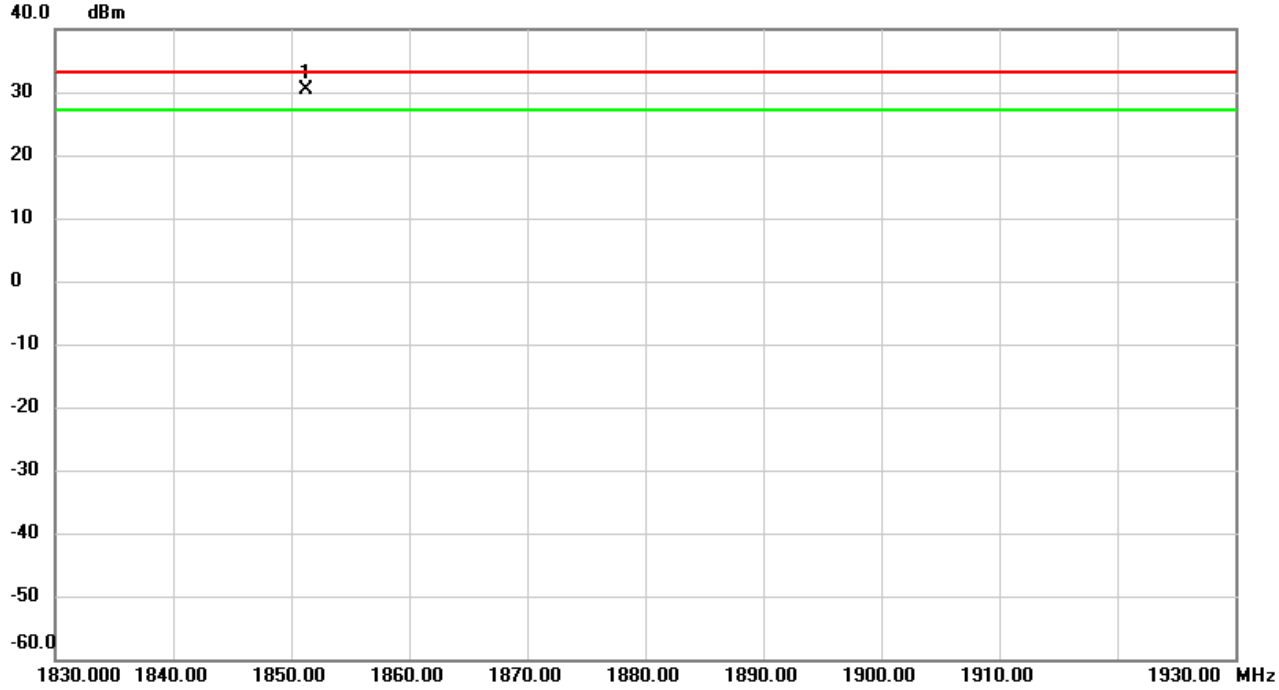
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH18700	Polarization	Vertical
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1851.037	-14.45	39.67	25.22	33.01	-7.79	peak	

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

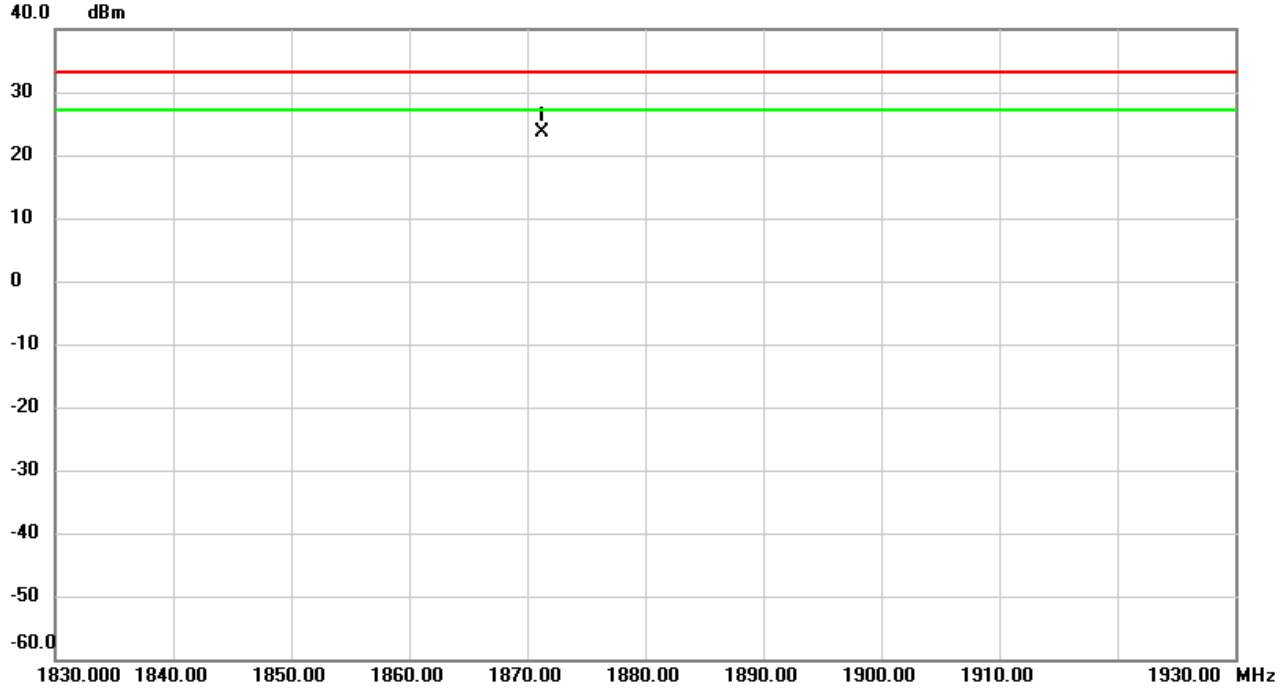
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH18700	Polarization	Horizontal
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1851.210	-10.19	40.59	30.40	33.01	-2.61	peak	

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

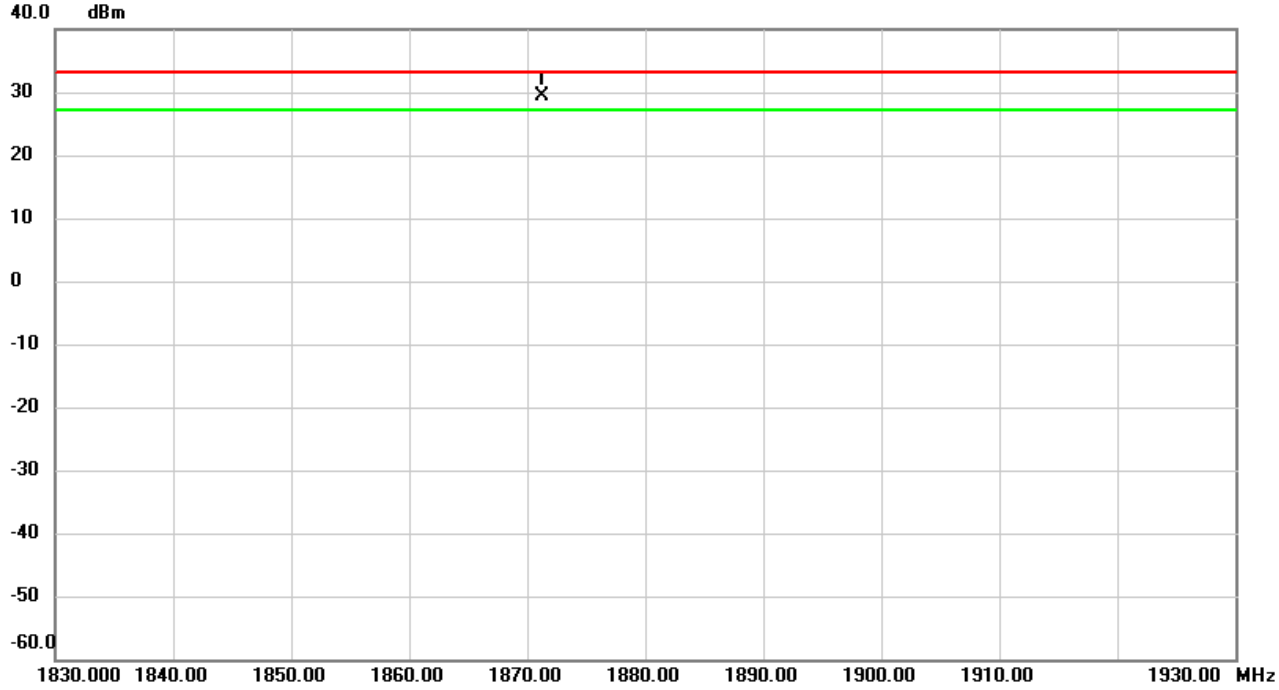
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH18900	Polarization	Vertical
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1871.290	-16.03	39.75	23.72	33.01	-9.29	peak	

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

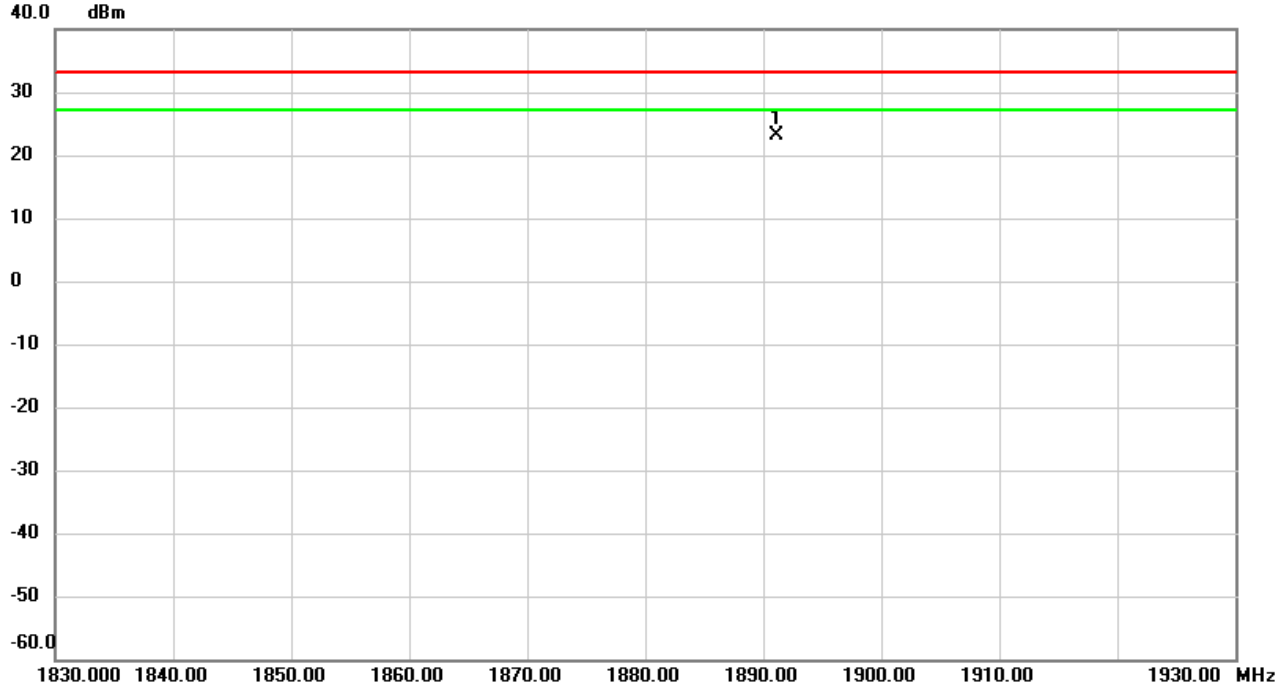
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH18900	Polarization	Horizontal
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1871.250	-11.41	40.69	29.28	33.01	-3.73	peak	

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

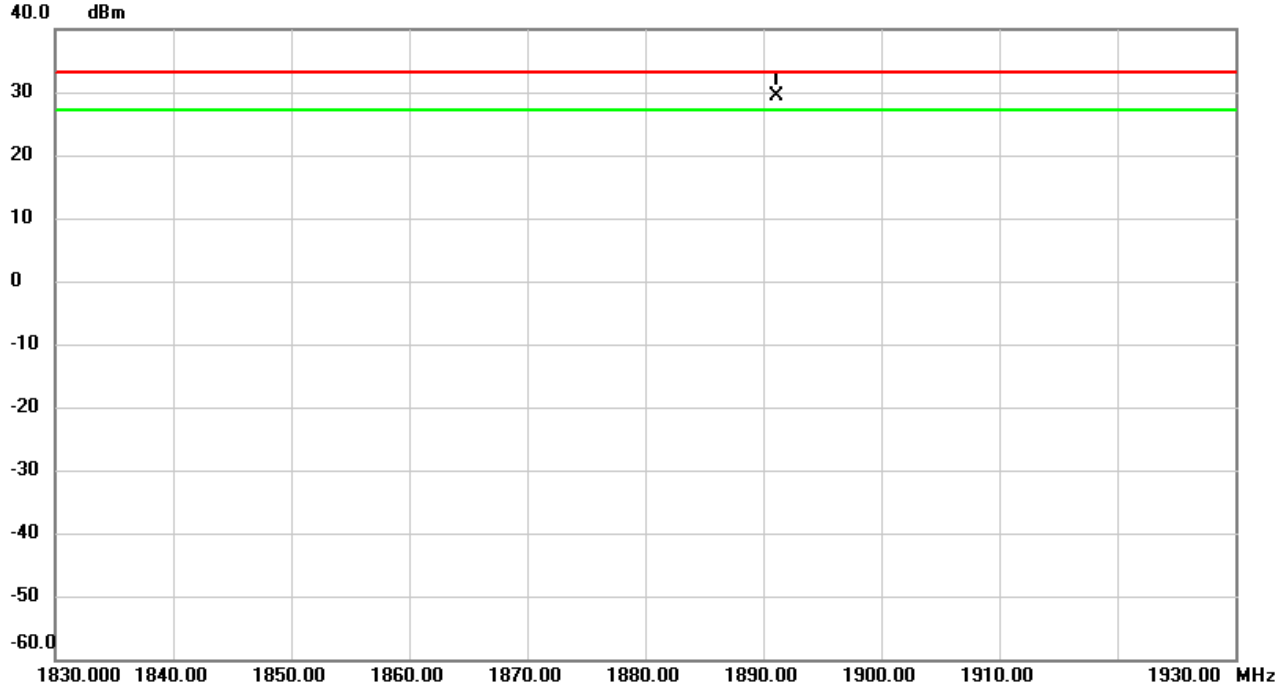
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH19100	Polarization	Vertical
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1891.080	-16.60	39.83	23.23	33.01	-9.78	peak	

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

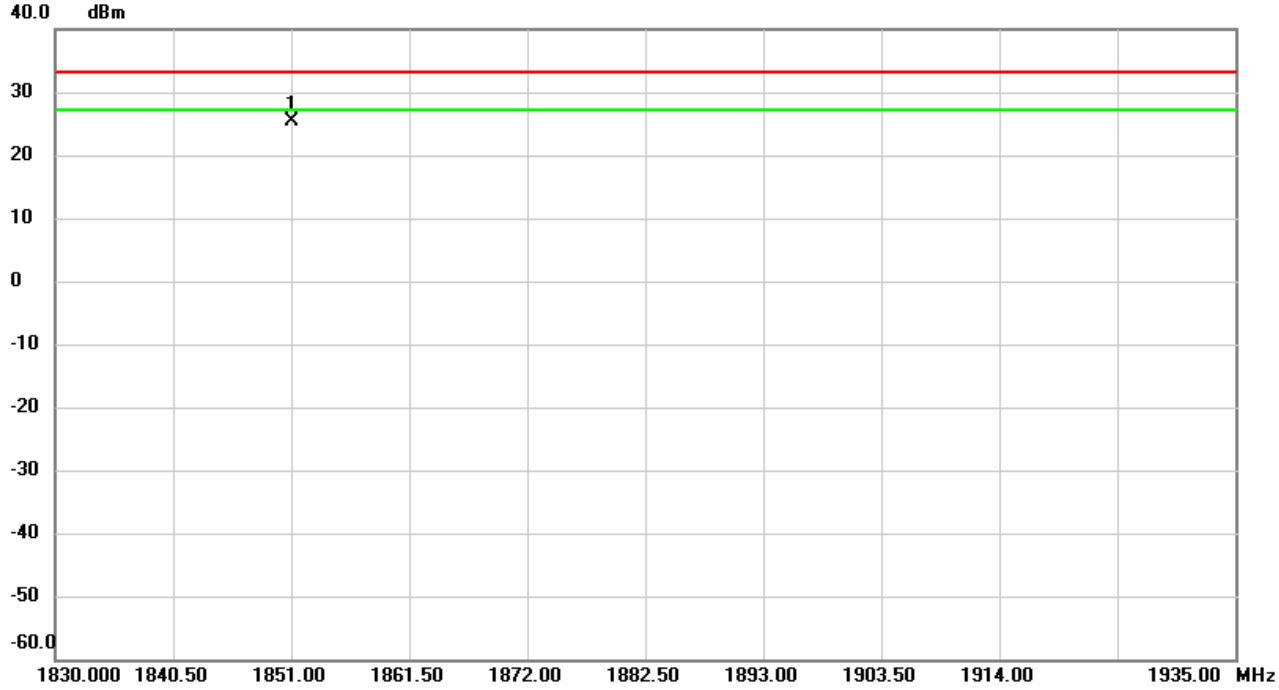
Test Mode	LTE Band 2	Test Date	2022/2/21
Test Channel	CH19100	Polarization	Horizontal
Temp	20°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1891.140	-11.48	40.79	29.31	33.01	-3.70	peak	

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

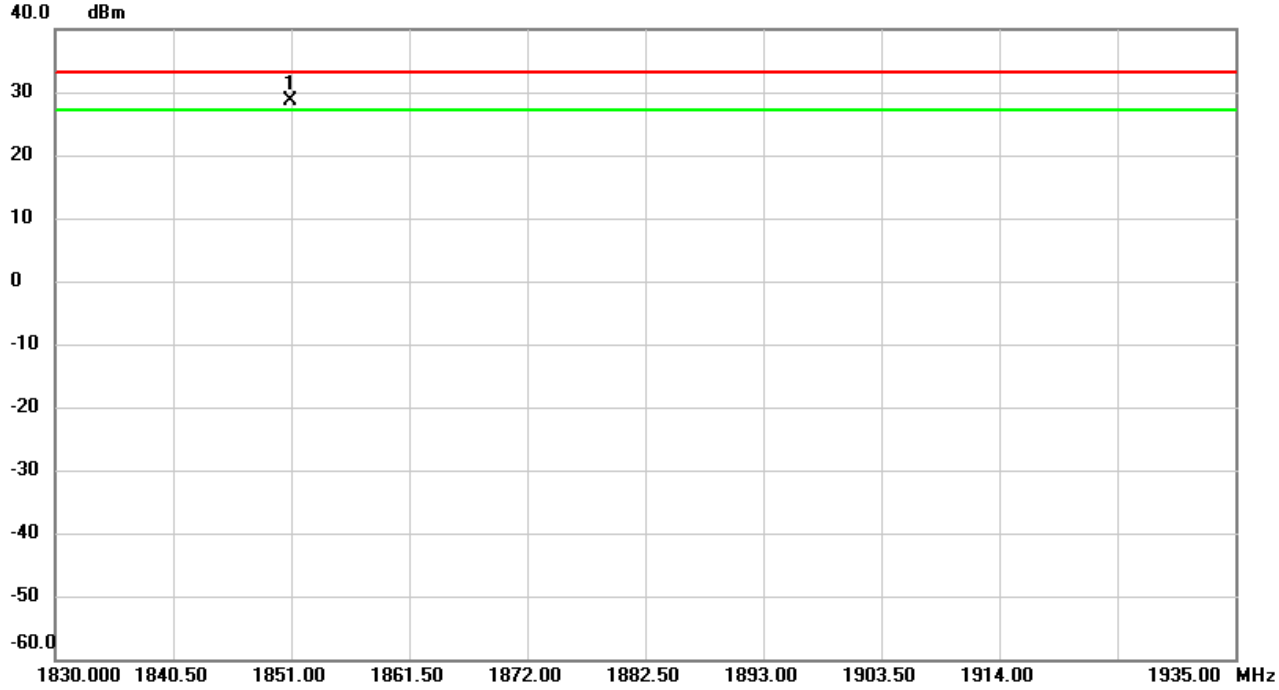
Test Mode	LTE Band 25	Test Date	2022/3/3
Test Channel	CH26140	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1851.126	-14.23	39.67	25.44	33.01	-7.57	peak	

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

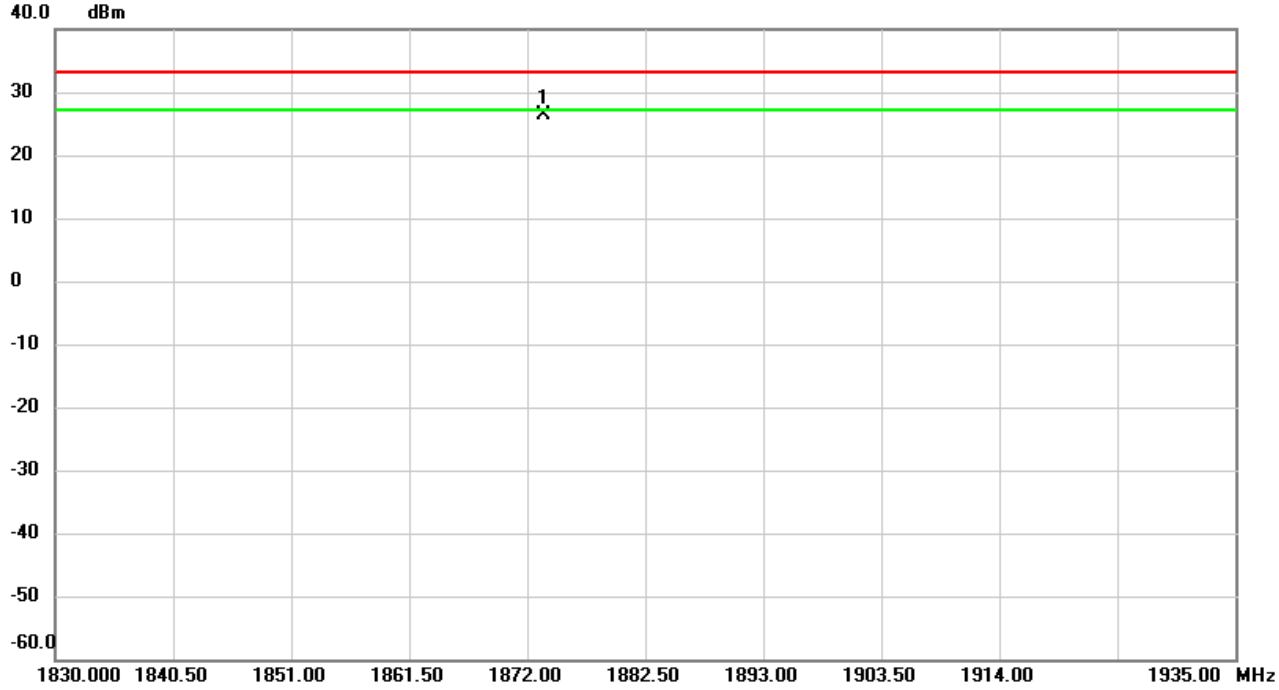
Test Mode	LTE Band 25	Test Date	2022/3/3
Test Channel	CH26140	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1850.986	-11.91	40.59	28.68	33.01	-4.33	peak	

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

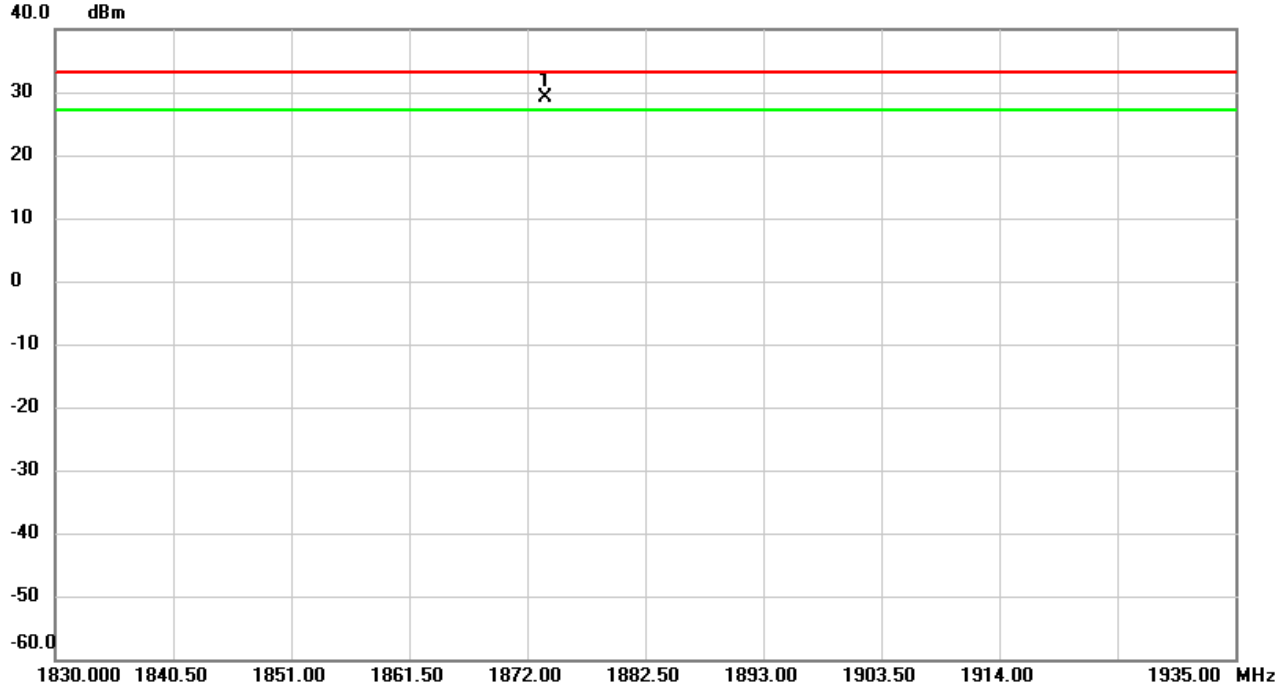
Test Mode	LTE Band 25	Test Date	2022/3/3
Test Channel	CH26365	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1873.502	-13.40	39.76	26.36	33.01	-6.65	peak	

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

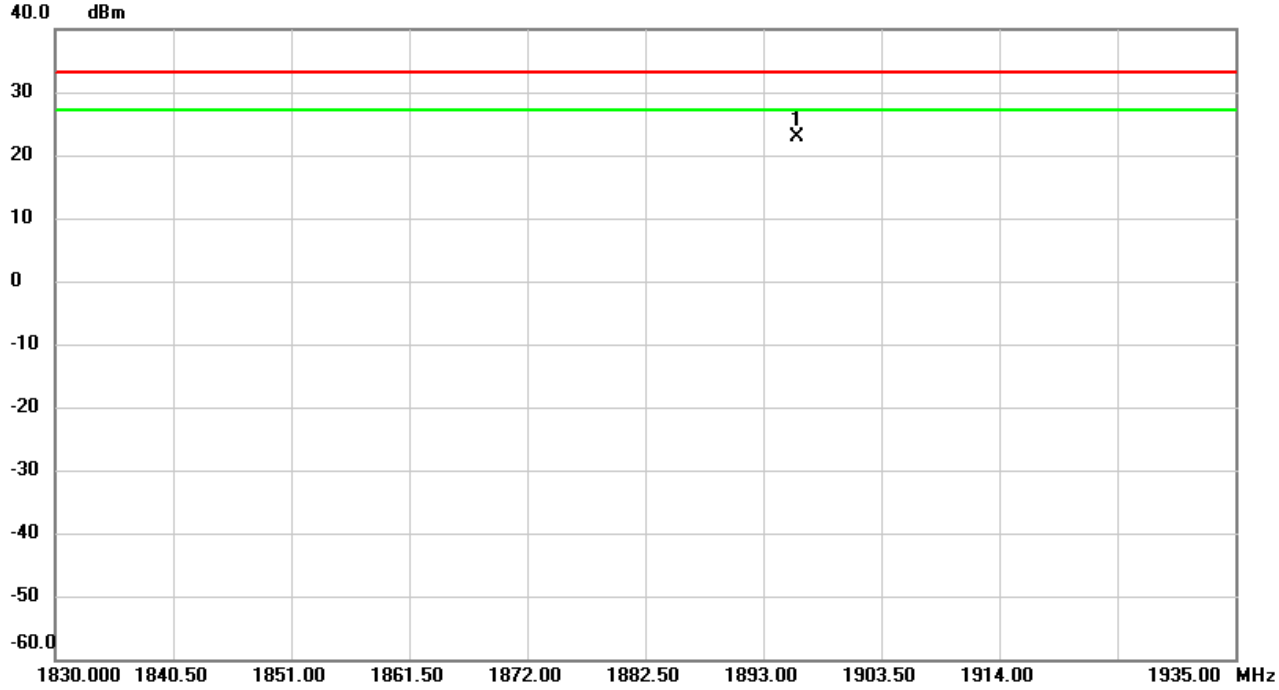
Test Mode	LTE Band 25	Test Date	2022/3/4
Test Channel	CH26365	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1873.568	-11.57	40.70	29.13	33.01	-3.88	peak	

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

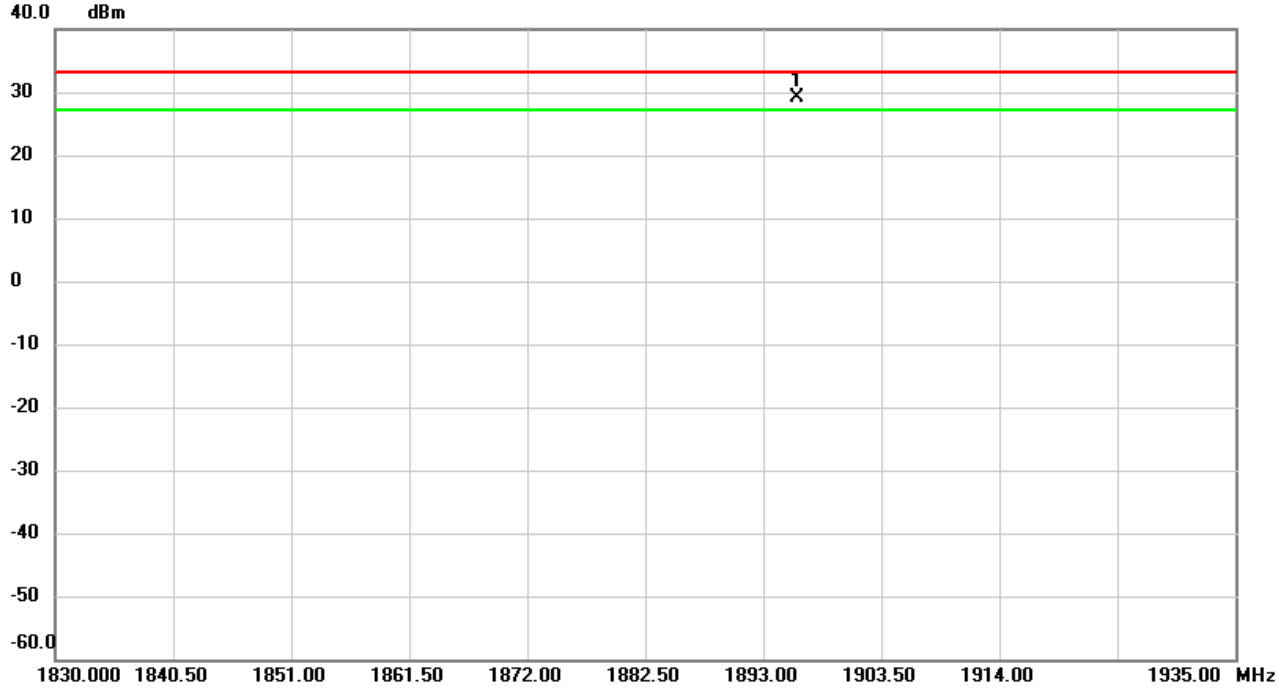
Test Mode	LTE Band 25	Test Date	2022/3/4
Test Channel	CH26590	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1896.014	-17.00	39.84	22.84	33.01	-10.17	peak	

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

Test Mode	LTE Band 25	Test Date	2022/3/4
Test Channel	CH26590	Polarization	Horizontal
Temp	21°C	Hum.	64%

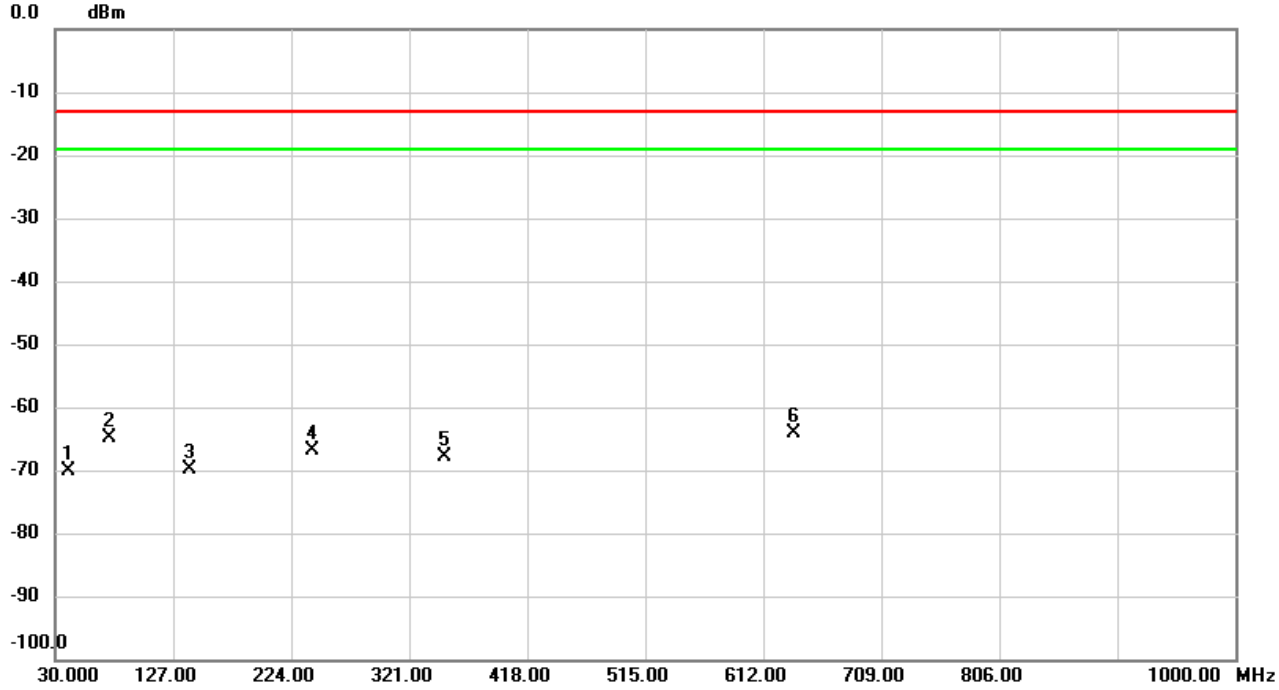


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	1896.024	-11.72	40.82	29.10	33.01	-3.91	peak	

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

APPENDIX C RADIATED SPURIOUS EMISSIONS

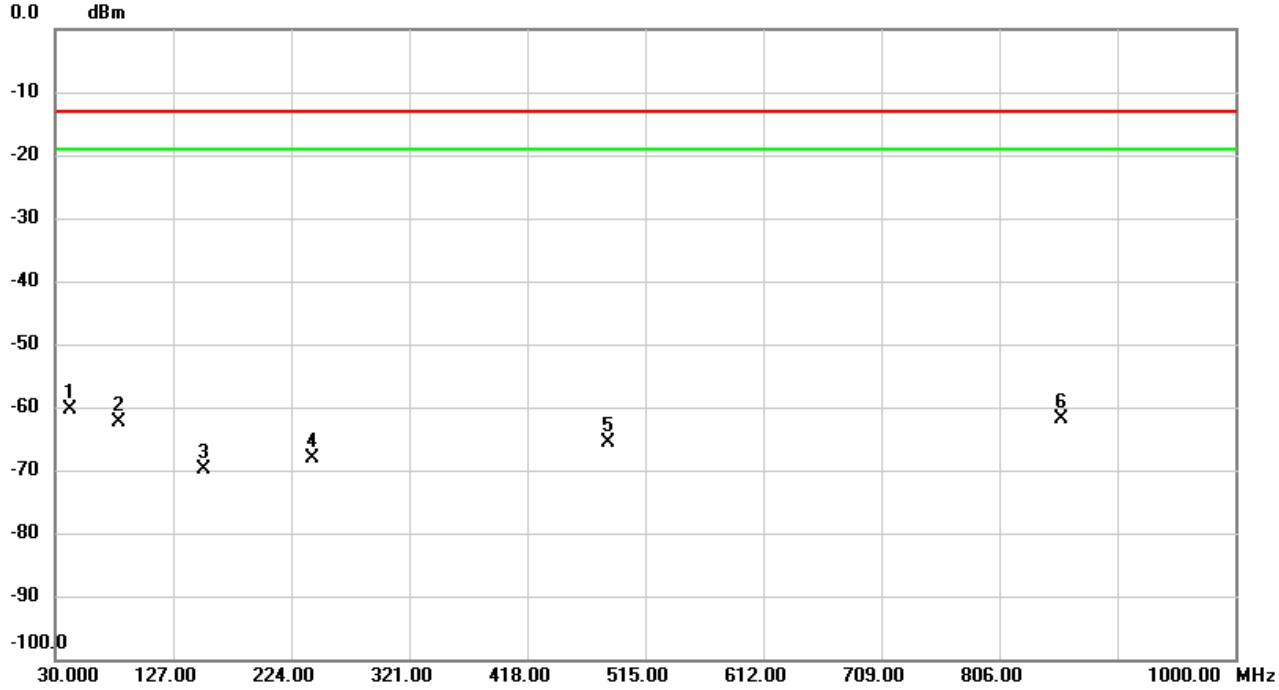
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		40.7670	-69.19	-0.91	-70.10	-13.00	-57.10	peak	
2		75.1696	-62.55	-2.27	-64.82	-13.00	-51.82	peak	
3		140.1597	-72.91	3.11	-69.80	-13.00	-56.80	peak	
4		241.2660	-74.62	7.73	-66.89	-13.00	-53.89	peak	
5		350.2293	-74.90	7.03	-67.87	-13.00	-54.87	peak	
6	*	636.9937	-77.17	13.12	-64.05	-13.00	-51.05	peak	

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

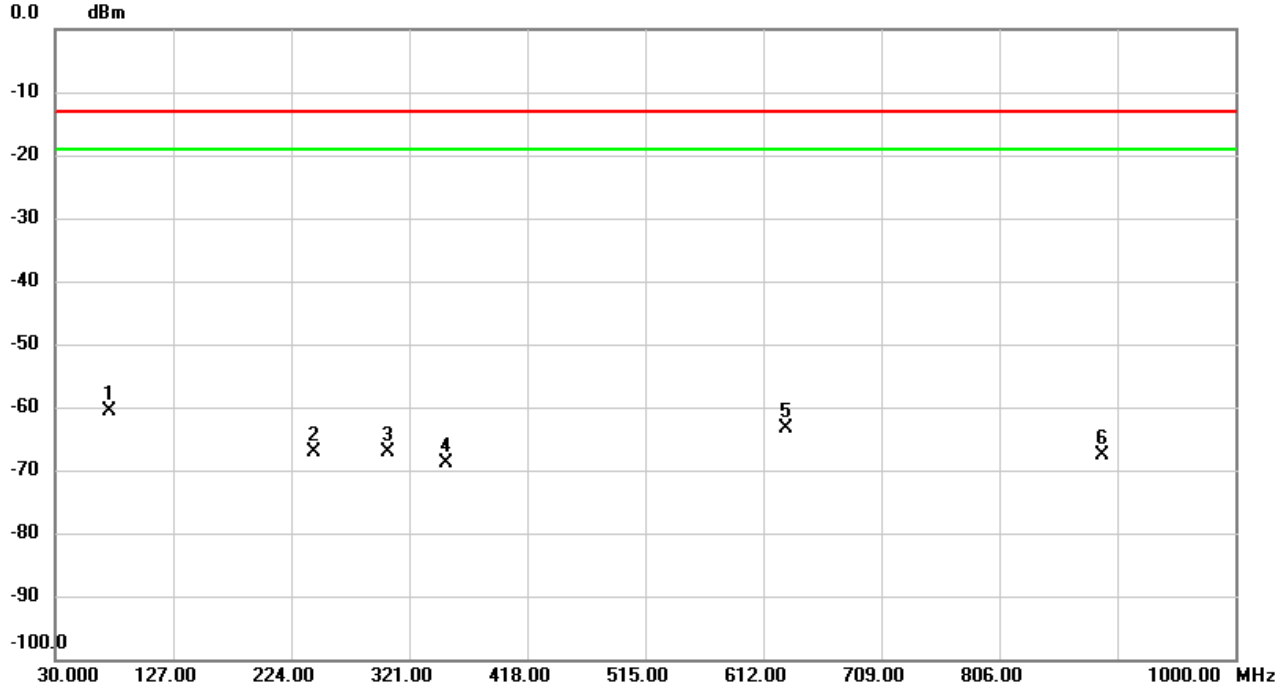
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	42.0927	-76.80	16.55	-60.25	-13.00	-47.25	peak	
2		82.9297	-67.48	5.14	-62.34	-13.00	-49.34	peak	
3		151.6380	-72.71	2.86	-69.85	-13.00	-56.85	peak	
4		241.0073	-67.57	-0.49	-68.06	-13.00	-55.06	peak	
5		484.8330	-77.16	11.50	-65.66	-13.00	-52.66	peak	
6		856.5047	-78.17	16.33	-61.84	-13.00	-48.84	peak	

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

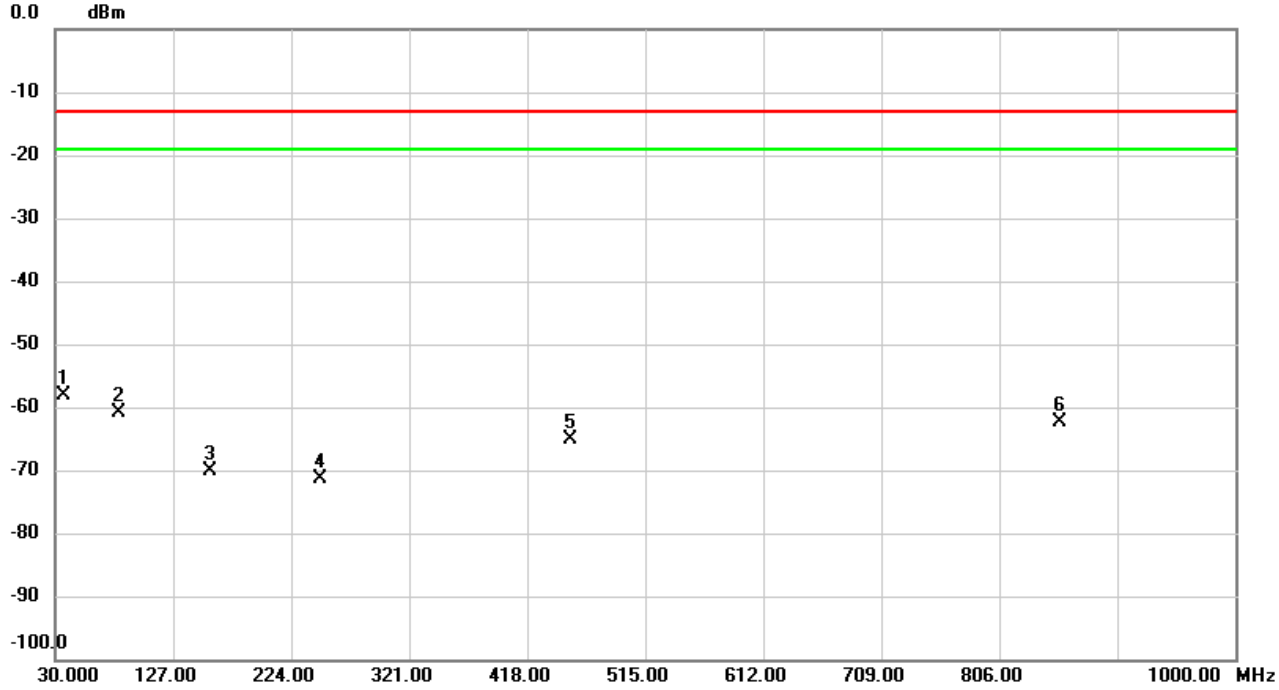
Test Mode	LTE Band 2	Test Date	2022/3/3
Test Channel	CH18900	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	75.1373	-58.37	-2.27	-60.64	-13.00	-47.64	peak	
2		242.6887	-74.78	7.72	-67.06	-13.00	-54.06	peak	
3		303.6370	-74.76	7.62	-67.14	-13.00	-54.14	peak	
4		351.6843	-75.83	6.91	-68.92	-13.00	-55.92	peak	
5		630.5917	-76.35	13.05	-63.30	-13.00	-50.30	peak	
6		890.2607	-78.26	10.72	-67.54	-13.00	-54.54	peak	

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

Test Mode	LTE Band 2	Test Date	2022/3/3
Test Channel	CH18900	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	37.4367	-74.06	15.95	-58.11	-13.00	-45.11	peak	
2		82.9943	-65.97	5.12	-60.85	-13.00	-47.85	peak	
3		157.8460	-72.73	2.70	-70.03	-13.00	-57.03	peak	
4		247.6033	-70.73	-0.64	-71.37	-13.00	-58.37	peak	
5		453.8900	-77.57	12.38	-65.19	-13.00	-52.19	peak	
6		856.1813	-78.68	16.33	-62.35	-13.00	-49.35	peak	

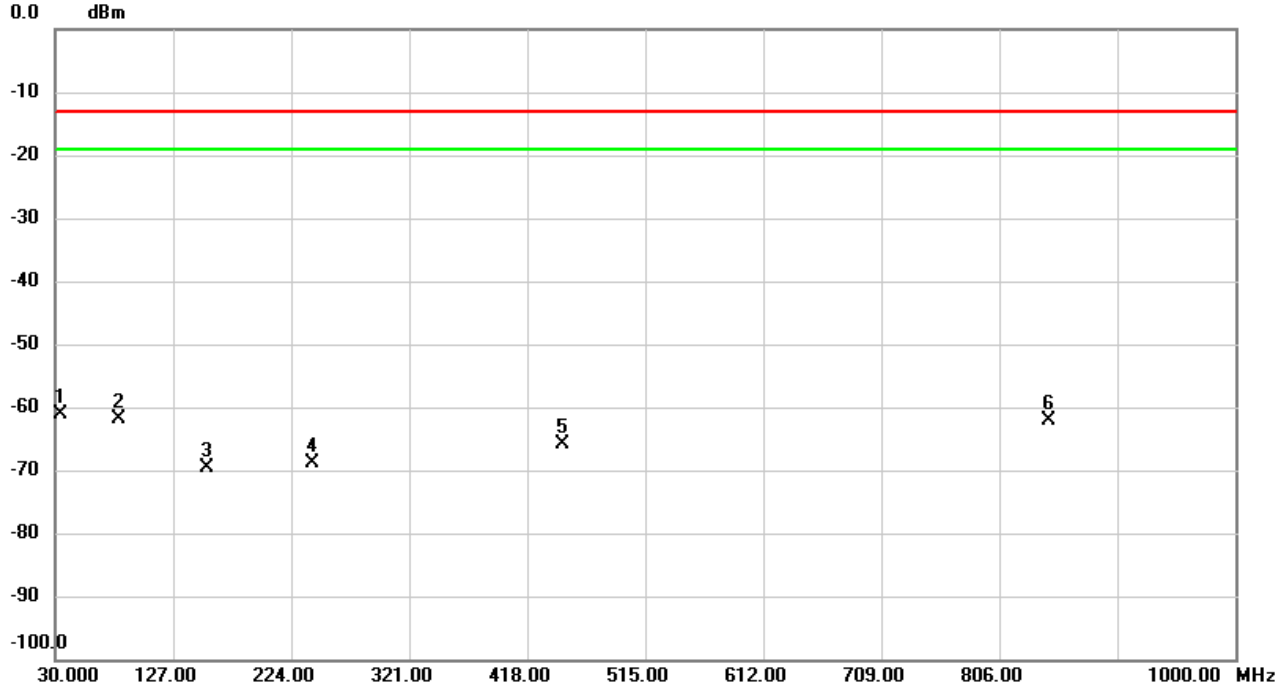
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

Test Mode	LTE Band 25	Test Date	2022/3/3
Test Channel	CH26365	Polarization	Vertical
Temp	21°C	Hum.	64%

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		74.7170	-66.17	-2.29	-68.46	-13.00	-55.46	peak	
2		156.1970	-76.10	3.70	-72.40	-13.00	-59.40	peak	
3		189.4680	-76.08	4.27	-71.81	-13.00	-58.81	peak	
4		241.9773	-73.21	7.73	-65.48	-13.00	-52.48	peak	
5	*	667.8397	-77.52	13.19	-64.33	-13.00	-51.33	peak	
6		973.2280	-79.48	13.73	-65.75	-13.00	-52.75	peak	

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

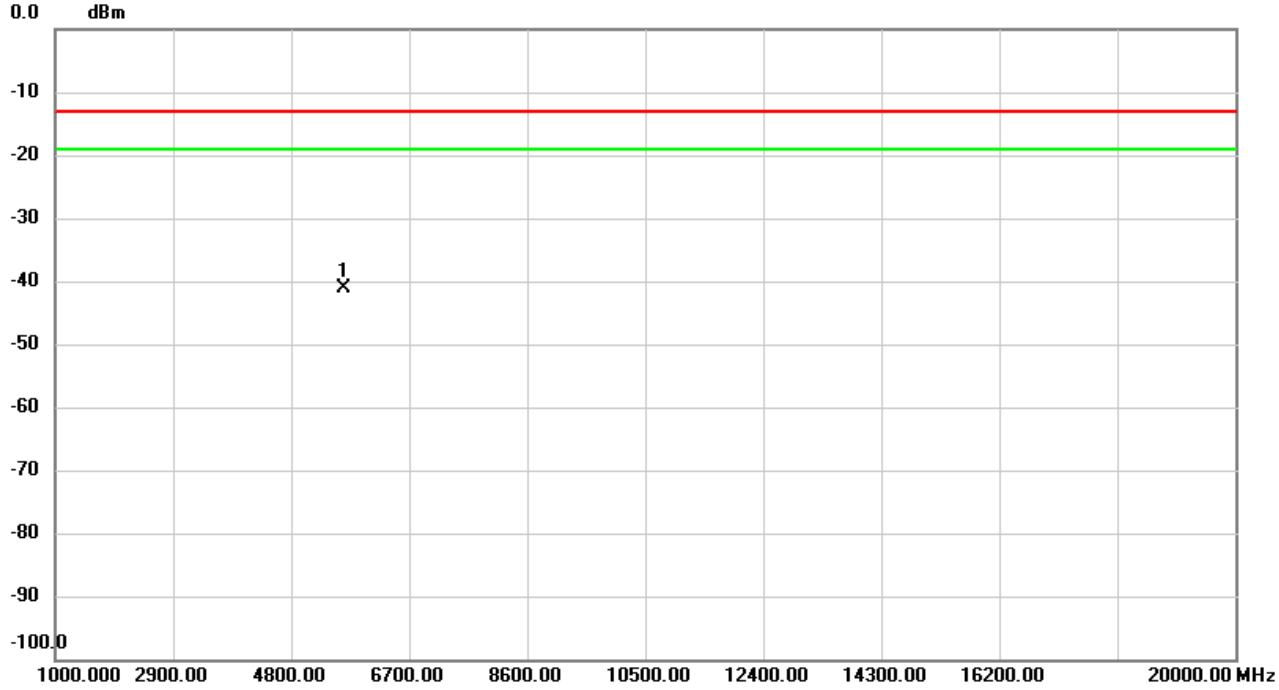
Test Mode	LTE Band 25	Test Date	2022/3/3
Test Channel	CH26365	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	34.6237	-76.06	14.86	-61.20	-13.00	-48.20	peak	
2		82.0567	-67.18	5.32	-61.86	-13.00	-48.86	peak	
3		154.7420	-72.45	2.78	-69.67	-13.00	-56.67	peak	
4		241.7510	-68.30	-0.51	-68.81	-13.00	-55.81	peak	
5		446.7443	-77.92	11.95	-65.97	-13.00	-52.97	peak	
6		846.8370	-78.45	16.34	-62.11	-13.00	-49.11	peak	

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

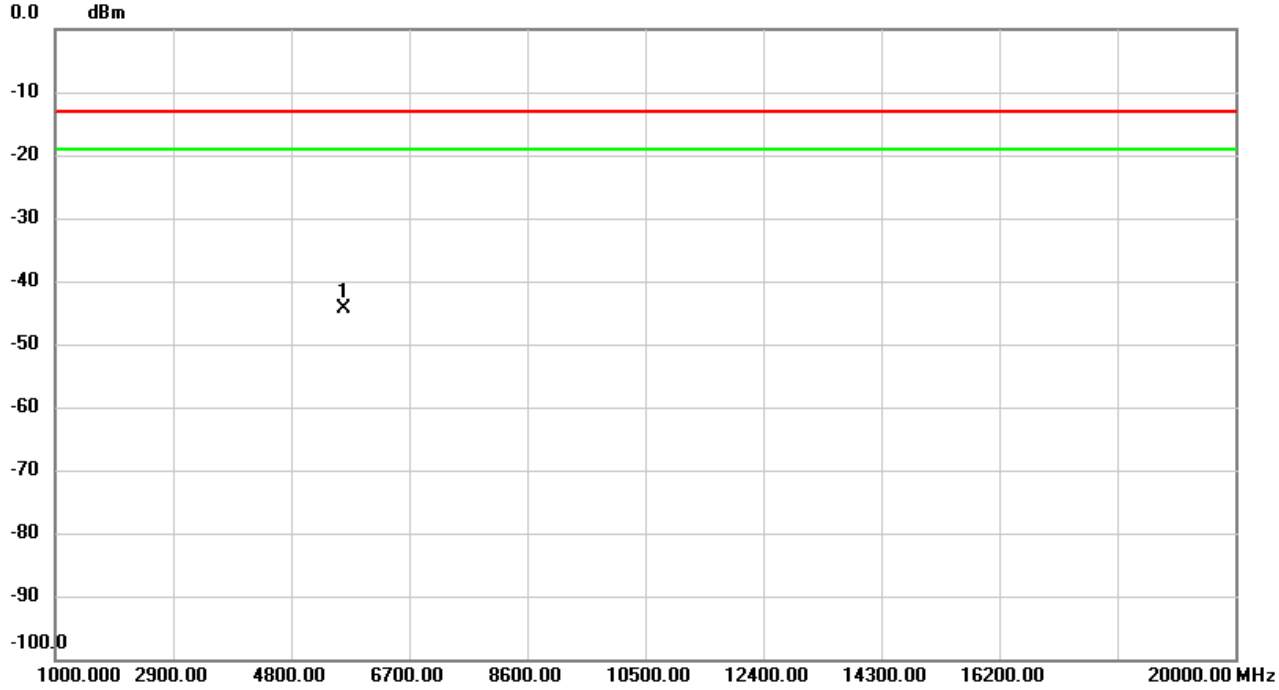
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5637.267	-43.72	2.50	-41.22	-13.00	-28.22	peak	

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

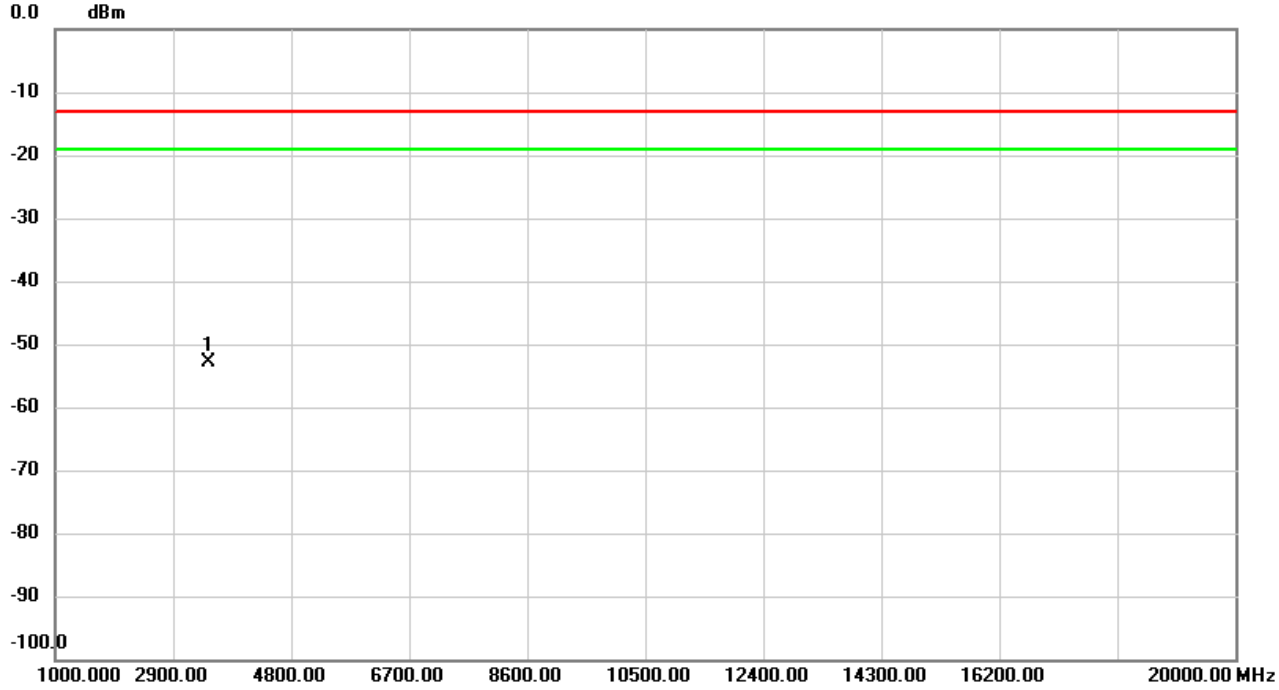
Test Mode	WCDMA Band II	Test Date	2022/3/3
Test Channel	CH9400	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5642.333	-47.34	2.94	-44.40	-13.00	-31.40	peak	

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

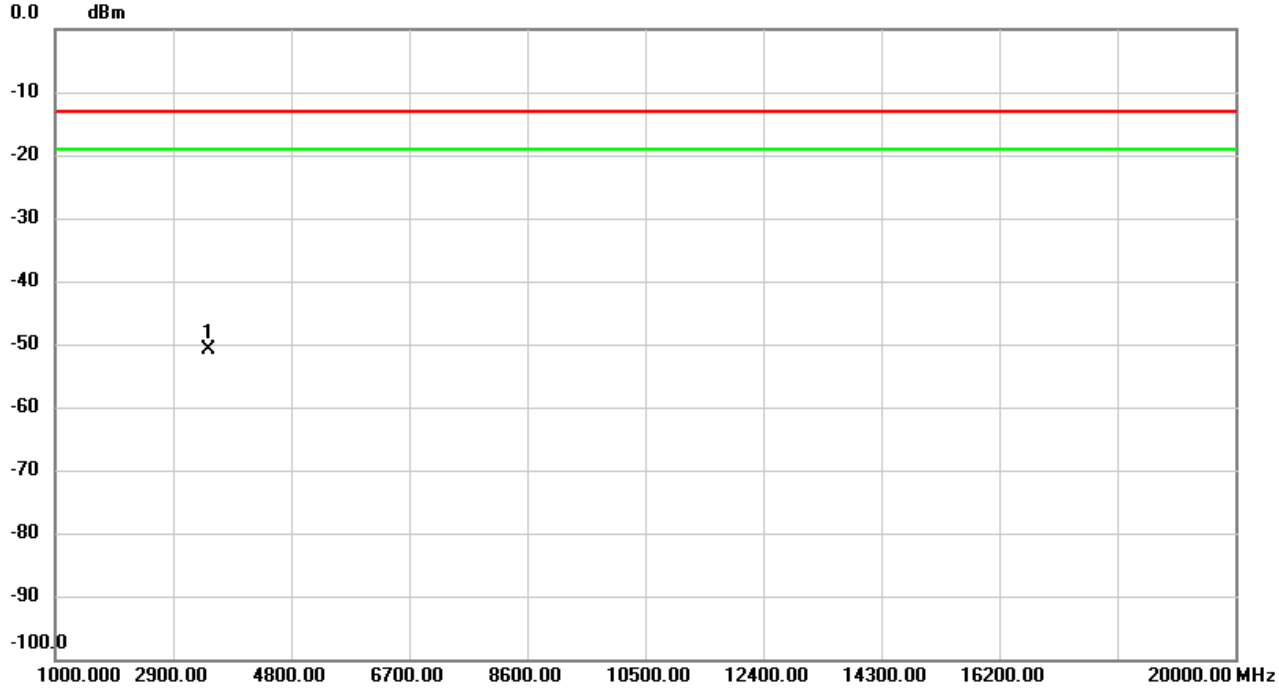
Test Mode	LTE Band 2	Test Date	2022/3/4
Test Channel	CH18900	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3472.533	-50.93	-1.99	-52.92	-13.00	-39.92	peak	

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

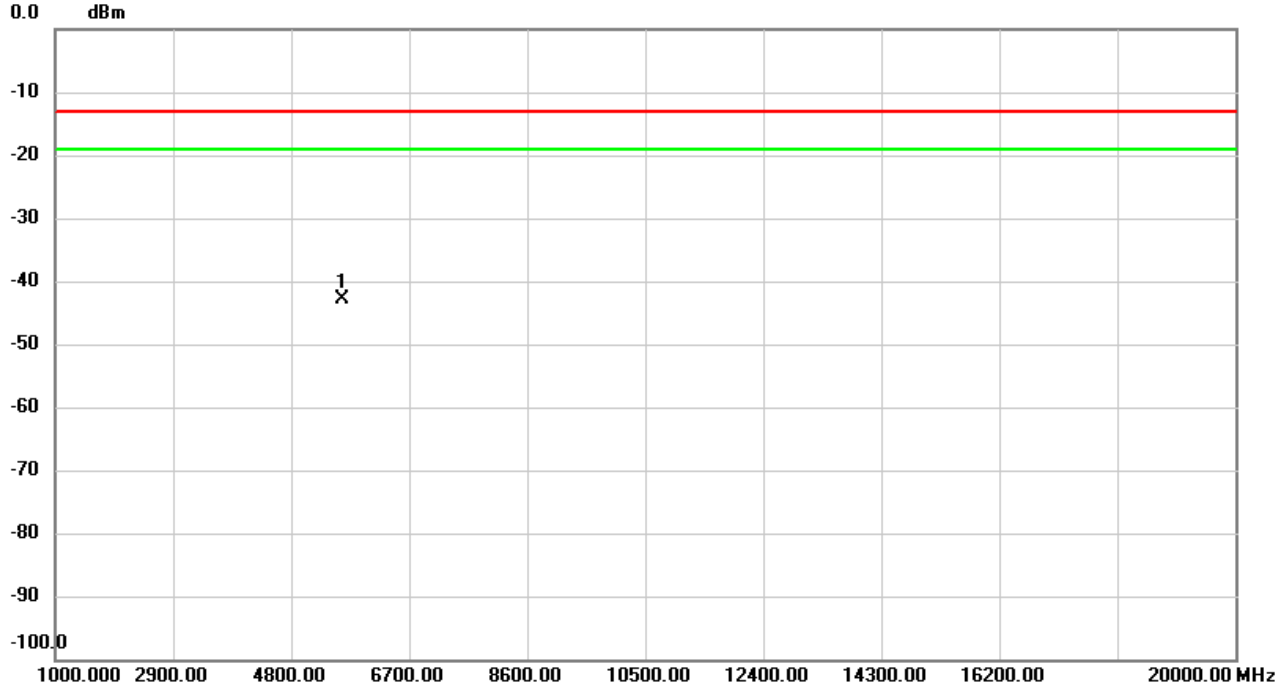
Test Mode	LTE Band 2	Test Date	2022/3/4
Test Channel	CH18900	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	3472.533	-49.11	-1.85	-50.96	-13.00	-37.96	peak	

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

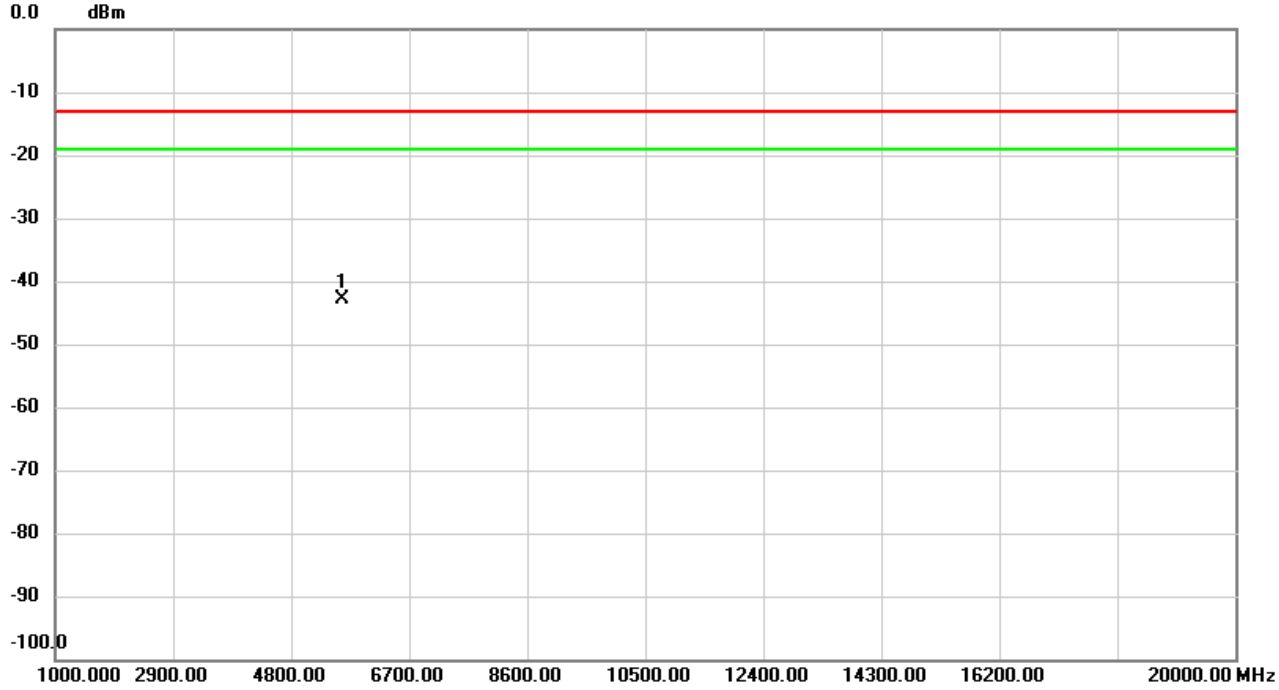
Test Mode	LTE Band 25	Test Date	2022/3/4
Test Channel	CH26365	Polarization	Vertical
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5620.800	-45.15	2.25	-42.90	-13.00	-29.90	peak	

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

Test Mode	LTE Band 25	Test Date	2022/3/4
Test Channel	CH26365	Polarization	Horizontal
Temp	21°C	Hum.	64%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	5620.800	-46.11	3.15	-42.96	-13.00	-29.96	peak	

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

End of Test Report