FCC RADIO TEST REPORT

FCC ID	:	**2AQ68T99W651**
Equipment	:	**5G WWAN Module**
Brand Name	:	**Foxconn**
Model Name	:	**T99W651**
Applicant	:	**Hon Lin Technology Co., Ltd** **11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan R.O.C.**
Manufacturer	:	**Hon Lin Technology Co., Ltd** **11F, No.32, Jihu Rd., Neihu Dist., Taipei City 114, Taiwan R.O.C.**
Standard	:	**FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R)**

The product was received on Oct. 02, 2025 and testing was performed from Oct. 08, 2025 to Oct. 22, 2025. We, Sporton International Inc. EMC & Wireless Communications Laboratory, would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this variant report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Louis Wu

Approved by: Louis Wu

Sporton International Inc. EMC & Wireless Communications Laboratory
No. 52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.)

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History of this test report

Report No.	Version	Description	Issue Date
FG522653-01A	01	Initial issue of report	Nov. 04, 2025
FG522653-01A	02	Revise section 1.1, 2.1, 3.2 and Appendix A This report is an updated version, replacing the report issued on Nov. 04, 2025.	Nov. 10, 2025

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
	§22.913 (a)(5)	Effective Radiated Power (Band 5)	Pass	
	§27.50 (c)(10)	Effective Radiated Power (Band 12)		
	§27.50 (h)(2)	Equivalent Isotropic Radiated Power (Band 2)		
	§27.50 (d)(4)	Equivalent Isotropic Radiated Power (Band 66)		
	§27.50 (a)(2)	Equivalent Isotropic Radiated Power (Band 30)		
	§90.542 (a)(7)	Effective Radiated Power (Band 14)		
-	§24.232 (d) §27.50 (d)(5)	Peak-to-Average Ratio	Pass	See Note
-	§2.1049	Occupied Bandwidth	Pass	See Note
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Band Edge Measurement (Band 2) (Band 5) (Band 12) (Band 66)	Pass	See Note
	§2.1051 §27.53 (a)(3)	Conducted Band Edge Measurement (Band 30)		
	§2.1051 §90.543 (e)(2)	Conducted Band Edge Measuremen (Band 14)		
-	§2.1051 §90.210 (n)	Emission Mask (Band 14)	Pass	See Note

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
-	§2.1051 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Conducted Spurious Emission (Band 2) (Band 5) (Band 12) (Band 66)	Pass	See Note
	§2.1051 §27.53 (a)(3)	Conducted Spurious Emission (Band 30)		
	§2.1051 §90.543 (e)(3)	Conducted Spurious Emission (Band 14)		
-	§2.1055 §22.355 §24.235 §27.54 §90.539 (e)	Frequency Stability Temperature & Voltage	Pass	See Note
4.2	§2.1053 §22.917 (a) §24.238 (a) §27.53 (g) §27.53 (h)	Radiated Spurious Emission (Band 2) (Band 5) (Band 12) (Band 66)	Pass	See Note
	§2.1053 §27.53 (a)(3)	Radiated Spurious Emission (Band 30)		
	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission (Band 14)		

Note:

1. Not required means after assessing, test items are not necessary to carry out.
2. This is a variant report by Enable 8RX by adding antenna port and adding/removing LNA (Low-Noise-Amplifier). All the test cases were performed on original report which can be referred to Sporton Report Number FG522653A. Based on the original report, only worst case was verified.

Conformity Assessment Condition:
1. The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account. 2. The measurement uncertainty please refer to each test result in the section “Measurement Uncertainty”.
Disclaimer:
The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

Reviewed by: Keven Cheng

Report Producer: Hannah Yang

1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature
General Specs LTE/5G NR. **Antenna Type** PCB Antenna

Support band and evaluated information	
Supported band	B2, B5, B12, B14, B30, B66
Evaluated and Tested band	B2, B5, B12, B14, B30, B66

Remark: For LTE B30, only available for fixed customer premises equipment(CPE) stations was declared by manufacturer.

FDD/TDD band Power Class				
	SISO PC3			
B2	V			
B5	V			
B12	V			
B14	V			
B30	V			
B66	V			

RF Exposure Max Antenna Gain information(dBi)							
Band	**Ant0**	**Ant1**				**Main Ant. #**	**ENDC Ant. #**
B2	**8.5**	**8.5**				1	0
B5		**6.6**				1	
B12		**6.1**				1	
B14		**6.4**				1	
B30	**8.5**					0	
B66	**5.5**	**5.5**				1	0

Remark: The EUT's information above is declared by manufacturer. Please refer to Disclaimer in report summary.

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Location

Test Site	Sporton International Inc. EMC & Wireless Communications Laboratory
Test Site Location	No.52, Huaya 1st Rd., Guishan Dist., Taoyuan City 333, Taiwan (R.O.C.) TEL: +886-3-327-3456 FAX: +886-3-328-4978
Test Site No.	**Sporton Site No.**
	TH03-HY
Test Engineer	Cotty Hsu
Temperature (℃)	22.2~22.9
Relative Humidity (%)	53.2~55.6

Test Site	Sporton International Inc. Wensan Laboratory
Test Site Location	No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.) TEL: +886-3-327-0868 FAX: +886-3-327-0855
Test Site No.	**Sporton Site No.**
	03CH15-HY (TAF Code: 3786)
Test Engineer	Sam Pan, Quentin Liu and Bigshow Wang
Temperature (℃)	20~25
Relative Humidity (%)	50~60
Remark	The Radiated Spurious Emission test item subcontracted to Sporton International Inc. Wensan Laboratory.

Note: The test site complies with ANSI C63.4 2014 requirement.

FCC Designation No.: TW1190 and TW3786

1.4 Applicable Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ANSI C63.26-2015
- FCC 47 CFR Part 2, 22(H), 24(E), 27, Part 90(R)
- FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- FCC KDB 412172 D01 Determining ERP and EIRP v01r01
- FCC KDB 414788 D01 Radiated Test Site v01r01.

Remark:

1. All the test items were validated and recorded in accordance with the standards without any modification during the testing.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.
3. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

2.1 Test Mode

Antenna port conducted and radiated test items listed below are performed according to KDB 971168 D01 Power Meas. License Digital Systems v03r01 with maximum output power.

For radiated measurement, the measured emission level of the EUT was maximized by rotating the EUT on a turntable, adjusting the orientation of the EUT and EUT antenna in three orthogonal axis (X: flat, Y: portrait, Z: landscape) and adjusting the measurement antenna orientation, following C63.26 exploratory test procedures and only the worst case emissions were reported in this report.

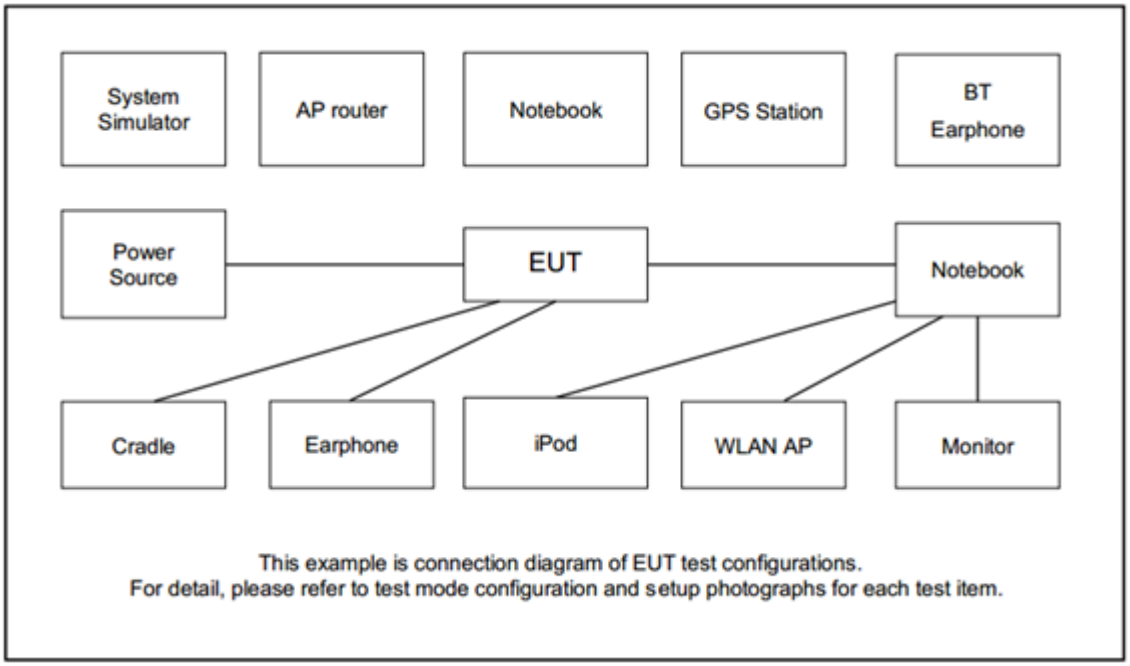
Modulation Type	Modulation
A	QPSK
B	16QAM
C	64QAM
D	256QAM

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B	All	1, Half, Full	L, M, H
EIRP	A, B	All	1, Half, Full	L, M, H
RSE	A	Max	1RB	L, M, H

Remark:

1. This is a C2PC assessment.The changes is Enable 8RX by adding antenna port and adding/removing LNA (Low-Noise-Amplifier) ,only conducted power/EIRP& LTE B2/B66 RSE verification is performed.
2. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types.
3. The device is investigated from 30MHz to 10 times of fundamental signal for radiated spurious emission test under different RB size/offset and modulations in exploratory test. Subsequently, only the worst-case emissions are reported.
4. For conducted power verify items were measured and the worst case is while QPSK/16QAM, the report only performed QPSK/16QAM test results.

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration and system

Item	Equipment	Brand Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	Anritsu	MT8821C	N/A	N/A	Unshielded, 1.8 m
2.	5G Wireless Test Platform	Anritsu	MT8000A	N/A	N/A	Unshielded,1.8m
3.	Fixture	Foxconn	95.3446T00	N/A	N/A	N/A

2.4 Frequency List of Low/Middle/High Channels

LTE Band 2 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	18700	18900	19100
	Frequency	1860	1880	1900
15	Channel	18675	18900	19125
	Frequency	1857.5	1880	1902.5
10	Channel	18650	18900	19150
	Frequency	1855	1880	1905
5	Channel	18625	18900	19175
	Frequency	1852.5	1880	1907.5
3	Channel	18615	18900	19185
	Frequency	1851.5	1880	1908.5
1.4	Channel	18607	18900	19193
	Frequency	1850.7	1880	1909.3

LTE Band 5 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	20450	20525	20600
	Frequency	829	836.5	844
5	Channel	20425	20525	20625
	Frequency	826.5	836.5	846.5
3	Channel	20415	20525	20635
	Frequency	825.5	836.5	847.5
1.4	Channel	20407	20525	20643
	Frequency	824.7	836.5	848.3

LTE Band 12 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	23060	23095	23130
	Frequency	704	707.5	711
5	Channel	23035	23095	23155
	Frequency	701.5	707.5	713.5
3	Channel	23025	23095	23165
	Frequency	700.5	707.5	714.5
1.4	Channel	23017	23095	23173
	Frequency	699.7	707.5	715.3

LTE Band 14 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	23330	-
	Frequency	-	793	-
5	Channel	23305	23330	23355
	Frequency	790.5	793	795.5

LTE Band 30 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	27710	-
	Frequency	-	2310	-
5	Channel	27685	27710	27735
	Frequency	2307.5	2310	2312.5

LTE Band 66 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	132072	132322	132572
	Frequency	1720	1745	1770
15	Channel	132047	132322	132597
	Frequency	1717.5	1745	1772.5
10	Channel	132022	132322	132622
	Frequency	1715	1745	1775
5	Channel	131997	132322	132647
	Frequency	1712.5	1745	1777.5
3	Channel	131987	132322	132657
	Frequency	1711.5	1745	1778.5
1.4	Channel	131979	132322	132665
	Frequency	1710.7	1745	1779.3

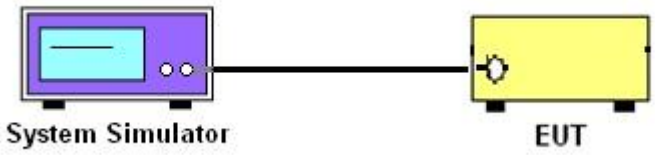
3 Conducted Test Items

3.1 Measuring Instruments

See list of measuring instruments of this test report.

3.1.1 Test Setup

3.1.2 Conducted Output Power



3.1.3 Test Result of Conducted Test

Please refer to Appendix A.

3.2 Conducted Output Power and ERP/EIRP

3.2.1 Description of the Conducted Output Power Measurement and ERP/EIRP Measurement

A system simulator was used to establish communication with the EUT. Its parameters were set to force the EUT transmitting at maximum output power. The measured power in the radio frequency on the transmitter output terminals shall be reported.

The ERP of mobile transmitters must not exceed 7 Watts for LTE Band 5

The ERP of mobile transmitters must not exceed 3 Watts for LTE Band 12, Band 14

The EIRP of mobile transmitters must not exceed 2 Watts for LTE Band 2

The EIRP of mobile transmitters must not exceed 1 Watts for LTE Band 66

The EIRP of fixed customer premisesequipment stations must not exceed 2W/5MHz for LTE Band 30

According to KDB 412172 D01 Power Approach,

EIRP = PT + GT – LC, ERP = EIRP -2.15, where

PT = transmitter output power in dBm

GT = gain of the transmitting antenna in dBi

LC = signal attenuation in the connecting cable between the transmitter and antenna in dB

3.2.2 Test Procedures

1. The transmitter output port was connected to the system simulator.
2. Set EUT at maximum power through the system simulator.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Measure and record the power level from the system simulator.

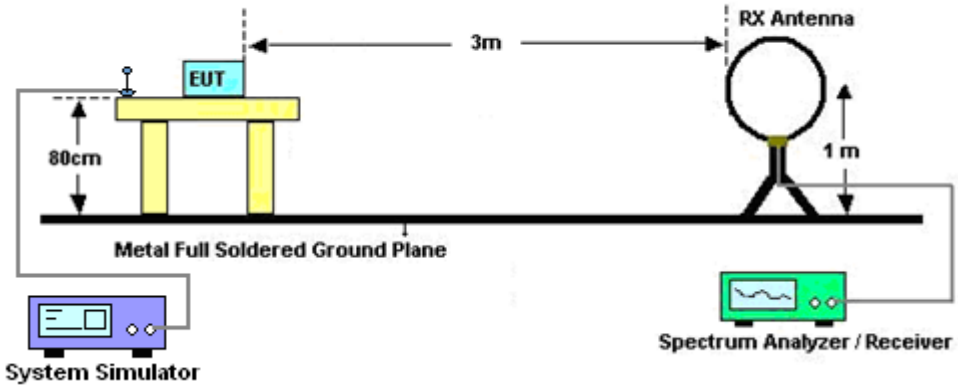
4 Radiated Test Items

4.1 Measuring Instruments

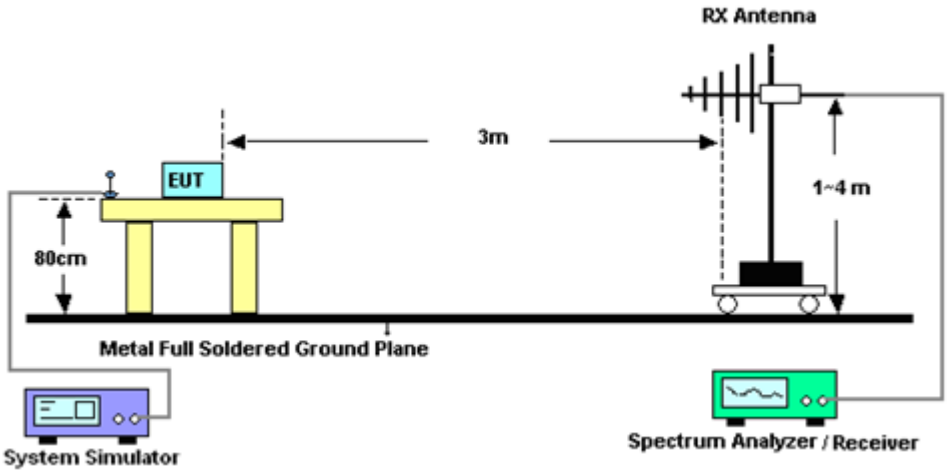
See list of measuring instruments of this test report.

4.1.1 Test Setup

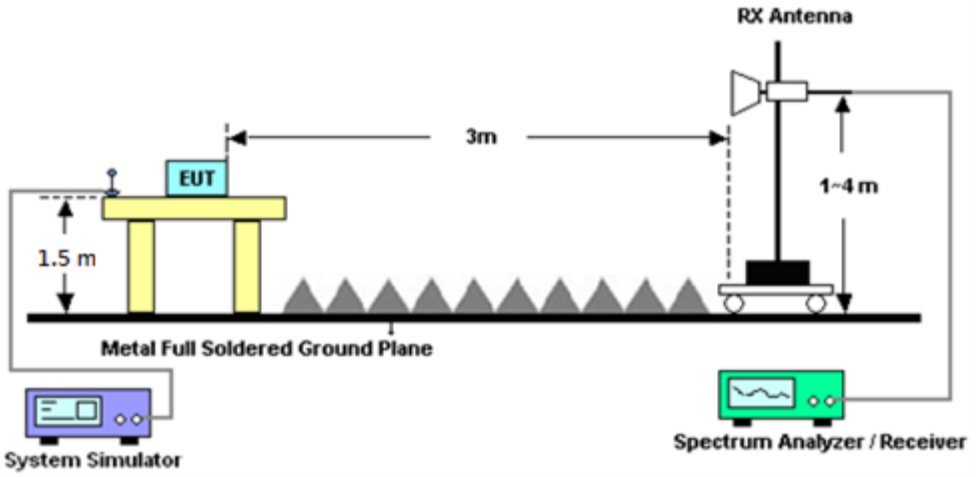
For radiated test below 30MHz



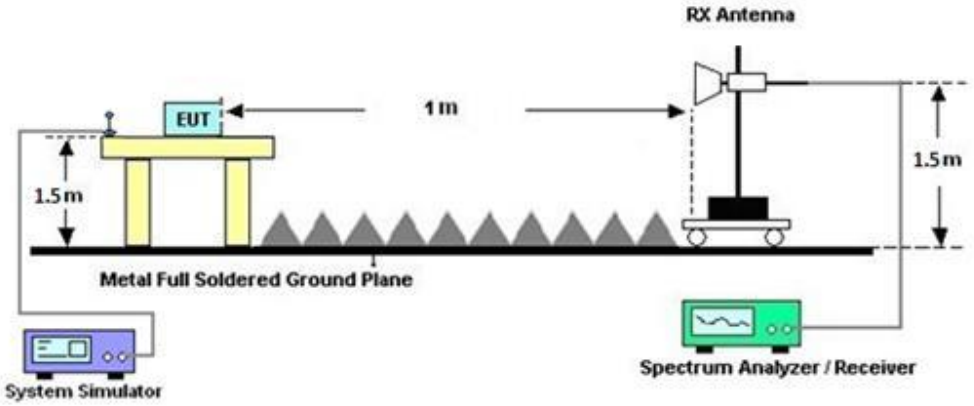
For radiated test from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test above 18GHz



4.1.2 Test Result of Radiated Test

Please refer to Appendix B.

Note:

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line was not reported.

There is adequate comparison measurement of both open-field test site and alternative test site - semi-Anechoic chamber according to 414788 D01 Radiated Test Site v01r01, and the result came out very similar.

4.2 Radiated Spurious Emission Measurement

4.2.1 Description of Radiated Spurious Emission Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26-2015. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.

For LTE Band 30

The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 70 + 10 log (P) dB.

For LTE Band 14

For operations in the 758-775 MHz and 788-805 MHz bands, all emissions including harmonics in the band 1559–1610 MHz shall be limited to -70 dBW/MHz equivalent isotropically radiated power (EIRP) for wideband signals, and -80 dBW EIRP for discrete emissions of less than 700 Hz bandwidth. For the purpose of equipment authorization, a transmitter shall be tested with an antenna that is representative of the type that will be used with the equipment in normal operation.

The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

4.2.2 Test Procedures

The testing follows FCC KDB 971168 D01 v03r01 Section 7 and ANSI C63.26-2015 section 5.5.4 Radiated measurement using the field strength method.

1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
6. To convert spectrum reading E(dBuV/m) to EIRP(dBm)

   EIRP(dBm) = Level (dBuV/m) + 20log(d) -104.77,

   where d is the distance at which filed strength limit is specified in the rules
7. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
8. ERP (dBm) = EIRP (dBm) - 2.15
9. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.

5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Loop Antenna	Rohde & Schwarz	HFH2-Z2E	101108	9 kHz~30 MHz	Dec. 18, 2024	Oct. 08, 2025~ Oct. 22, 2025	Dec. 17, 2025	Radiation (03CH15-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N -06	37059 & 01	30MHz~1GHz	Mar. 01, 2025	Oct. 08, 2025~ Oct. 22, 2025	Feb. 28, 2026	Radiation (03CH15-HY)
Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-02294	1GHz~18GHz	Jun. 06, 2025	Oct. 08, 2025~ Oct. 22, 2025	Jun. 05, 2026	Radiation (03CH15-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 02, 2025	Oct. 08, 2025~ Oct. 22, 2025	Jul. 01, 2026	Radiation (03CH15-HY)
Amplifier	EMEC	EM1G18G	060837	1GHz~18GHz	Feb. 13, 2025	Oct. 08, 2025~ Oct. 22, 2025	Feb. 12, 2026	Radiation (03CH15-HY)
Preamplifier	EM Electronics	EM01G18G	060802	1GHz~18GHz	Feb. 14, 2025	Oct. 08, 2025~ Oct. 22, 2025	Feb. 13, 2026	Radiation (03CH15-HY)
Preamplifier	EMEC	EM18G40G	060801	18GHz~40GHz	May. 26, 2025	Oct. 08, 2025~ Oct. 22, 2025	May. 25, 2026	Radiation (03CH15-HY)
Preamplifier	SONOMA	310N	363440	9 kHz~1GHz	Dec. 24, 2024	Oct. 08, 2025~ Oct. 22, 2025	Dec. 23, 2025	Radiation (03CH15-HY)
EMI Test Reveiver	Agilent	N9038A(MXE)	MY53290045	20Hz~8.4GHz	Apr. 21, 2025	Oct. 08, 2025~ Oct. 22, 2025	Apr. 20, 2026	Radiation (03CH15-HY)
Spectrum Analyzer	Keysight	N9010B	MY60241058	10Hz~44Gz	Jul. 15, 2025	Oct. 08, 2025~ Oct. 22, 2025	Jul. 14, 2026	Radiation (03CH15-HY)
Antenna Mast	ChainTek	MBS-520-1	N/A	1m~4m	N/A	Oct. 08, 2025~ Oct. 22, 2025	N/A	Radiation (03CH15-HY)
Turn Table	ChainTek	T-200-S-1	N/A	0~360 Degree	N/A	Oct. 08, 2025~ Oct. 22, 2025	N/A	Radiation (03CH15-HY)
Software	Audix	E3_V9_230621	RK-002394	N/A	N/A	Oct. 08, 2025~ Oct. 22, 2025	N/A	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	MY519228/2, 803950/2,508407/2E	30MHz~40GHz	Sep. 24, 2025	Oct. 08, 2025~ Oct. 22, 2025	Sep. 23, 2026	Radiation (03CH15-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,804012/2	18-40G	Dec. 31, 2024	Oct. 08, 2025~ Oct. 22, 2025	Dec. 30, 2025	Radiation (03CH15-HY)
Hygrometer	TECPEL	DTM-302	SN2	N/A	Aug. 26, 2025	Oct. 08, 2025~ Oct. 22, 2025	Aug. 25, 2026	Radiation (03CH15-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC DLCA/ULCA	Sep. 16, 2025	Oct. 13, 2025~ Oct. 14, 2025	Sep. 15, 2026	Conducted (TH03-HY)
Coupler+10dB + RFcable	Warison + WoKen + E-Instument	20dB 25W SMA Directional Coupler+ 10dB 18GHz_5W+SFL405_1.5M	#A+#1+#1+#7	1-18GHz	Jan. 03, 2025	Oct. 13, 2025~ Oct. 14, 2025	Jan. 02, 2026	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 21, 2025	Oct. 13, 2025~ Oct. 14, 2025	Jul. 20, 2026	Conducted (TH03-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Oct. 13, 2025~ Oct. 14, 2025	N/A	Conducted (TH03-HY)
Hygrometer	TECPEL	DTM-303B	TP200886	-10 ~ 50°C / 20 ~ 95%RH	Mar. 03, 2025	Oct. 13, 2025~ Oct. 14, 2025	Mar. 02, 2026	Conducted (TH03-HY)

6 Measurement Uncertainty

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**6.3 dB**

Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**4.4 dB**

Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.4 dB**

Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	**5.2 dB**

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and ERI/EIRP)

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.95	24.00	24.05	32.66	1.8450
20	1	49		24.10	24.11	23.90		
20	1	99		24.16	24.07	23.88		
20	50	0		23.00	23.03	22.98		
20	50	24		23.16	23.07	22.99		
20	50	50		23.19	23.04	22.90		
20	100	0		23.14	23.01	22.94		
20	1	0	16-QAM	23.32	23.28	23.26	31.95	1.5668
20	1	49		23.41	23.29	23.31		
20	1	99		23.45	23.39	23.10		
20	50	0		22.09	22.08	21.96		
20	50	24		22.20	22.12	21.96		
20	50	50		22.17	22.04	21.88		
20	100	0		22.18	22.06	21.98		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.96	24.03	23.89	32.62	1.8281
15	1	37		24.06	24.10	23.71		
15	1	74		24.12	24.02	23.70		
15	36	0		23.11	22.98	22.87		
15	36	20		23.17	23.14	22.84		
15	36	39		23.21	23.03	22.77		
15	75	0		23.12	23.07	22.82		
15	1	0	16-QAM	23.37	23.34	23.11	31.91	1.5524
15	1	37		23.27	23.41	23.18		
15	1	74		23.36	23.26	22.99		
15	36	0		22.20	22.08	21.81		
15	36	20		22.22	22.09	21.82		
15	36	39		22.17	22.09	21.73		
15	75	0		22.15	22.05	21.84		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.93	24.03	23.75	32.61	1.8239
10	1	25		24.11	24.08	23.71		
10	1	49		24.08	24.01	23.72		
10	25	0		23.11	23.03	22.80		
10	25	12		23.14	23.09	22.78		
10	25	25		23.19	23.07	22.67		
10	50	0		23.18	23.02	22.77		
10	1	0	16-QAM	23.24	23.34	23.01	31.96	1.5704
10	1	25		23.45	23.46	23.17		
10	1	49		23.36	23.24	23.07		
10	25	0		22.11	21.99	21.75		
10	25	12		22.17	22.05	21.86		
10	25	25		22.18	22.02	21.79		
10	50	0		22.16	22.08	21.81		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	24.08	24.11	23.66	32.61	1.8239
5	1	12		24.02	23.99	23.65		
5	1	24		24.03	23.99	23.67		
5	12	0		23.11	23.13	22.76		
5	12	7		23.14	23.00	22.71		
5	12	13		23.06	23.01	22.63		
5	25	0		23.08	22.98	22.70		
5	1	0	16-QAM	23.25	23.39	23.10	32.04	1.5996
5	1	12		23.34	23.45	23.08		
5	1	24		23.37	23.54	23.14		
5	12	0		22.17	22.13	21.77		
5	12	7		22.16	22.08	21.83		
5	12	13		22.11	22.05	21.67		
5	25	0		22.07	22.04	21.74		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.90	24.04	23.61	32.60	1.8197
3	1	8		24.06	24.10	23.82		
3	1	14		23.89	23.92	23.54		
3	8	0		23.08	23.08	22.71		
3	8	4		23.01	22.99	22.74		
3	8	7		22.95	23.02	22.67		
3	15	0		22.98	22.95	22.71		
3	1	0	16-QAM	23.28	23.34	23.06	32.04	1.5996
3	1	8		23.30	23.54	23.06		
3	1	14		23.30	23.30	22.95		
3	8	0		22.10	22.10	21.77		
3	8	4		22.17	22.13	21.85		
3	8	7		22.05	22.01	21.69		
3	15	0		22.06	21.94	21.75		
Limit	EIRP < 2W			Result			Pass	

LTE Band 2 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.92	24.04	23.65	32.59	1.8155
1.4	1	3		24.09	24.03	23.59		
1.4	1	5		23.88	23.95	23.59		
1.4	3	0		23.98	23.99	23.60		
1.4	3	1		23.92	24.09	23.70		
1.4	3	3		23.93	23.94	23.57		
1.4	6	0		22.96	22.91	22.58		
1.4	1	0	16-QAM	23.11	23.25	22.90	31.92	1.5560
1.4	1	3		23.32	23.42	23.14		
1.4	1	5		23.30	23.36	22.97		
1.4	3	0		23.19	23.20	23.01		
1.4	3	1		23.31	23.15	22.88		
1.4	3	3		23.23	23.21	22.91		
1.4	6	0		22.04	22.10	21.79		
Limit	EIRP < 2W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.22	23.88	23.99	28.67	0.7362
10	1	25		23.96	23.83	24.00		
10	1	49		23.85	23.86	23.86		
10	25	0		23.22	22.95	22.95		
10	25	12		23.18	22.98	23.03		
10	25	25		23.01	22.95	23.01		
10	50	0		23.07	22.95	22.99		
10	1	0	16-QAM	23.57	23.28	23.16	28.02	0.6339
10	1	25		23.39	23.23	23.31		
10	1	49		23.34	23.22	23.08		
10	25	0		22.21	21.96	21.96		
10	25	12		22.13	21.98	22.00		
10	25	25		22.01	21.97	21.99		
10	50	0		22.05	21.99	21.99		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.17	23.81	23.97	28.64	0.7311
5	1	12		24.19	23.90	23.94		
5	1	24		24.07	23.78	23.69		
5	12	0		23.26	22.95	22.95		
5	12	7		23.15	23.00	22.92		
5	12	13		23.04	22.95	22.93		
5	25	0		23.14	22.95	22.92		
5	1	0	16-QAM	23.58	23.39	23.40	28.06	0.6397
5	1	12		23.61	23.37	23.40		
5	1	24		23.58	23.26	23.38		
5	12	0		22.36	21.99	21.99		
5	12	7		22.22	22.05	21.98		
5	12	13		22.16	22.03	22.00		
5	25	0		22.11	21.94	21.90		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.06	23.75	23.93	28.59	0.7228
3	1	8		24.14	23.87	23.99		
3	1	14		24.08	23.59	23.79		
3	8	0		23.22	22.91	22.87		
3	8	4		23.19	22.96	22.95		
3	8	7		23.09	22.88	22.94		
3	15	0		23.13	22.93	22.84		
3	1	0	16-QAM	23.64	23.20	23.31	28.09	0.6442
3	1	8		23.55	23.29	23.58		
3	1	14		23.47	23.19	23.39		
3	8	0		22.34	22.03	22.00		
3	8	4		22.26	22.03	22.12		
3	8	7		22.20	22.08	22.05		
3	15	0		22.16	21.97	21.86		
Limit	ERP < 7W			Result			Pass	

LTE Band 5 Maximum Average Power [dBm] (GT - LC = 6.6 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.18	23.81	23.81	28.66	0.7345
1.4	1	3		24.19	23.83	23.81		
1.4	1	5		24.11	23.72	23.78		
1.4	3	0		24.07	23.77	23.82		
1.4	3	1		24.21	23.85	23.83		
1.4	3	3		24.12	23.79	23.80		
1.4	6	0		23.17	22.88	22.82		
1.4	1	0	16-QAM	23.52	23.30	23.43	28.12	0.6486
1.4	1	3		23.48	23.43	23.28		
1.4	1	5		23.67	23.20	23.20		
1.4	3	0		23.44	22.94	23.04		
1.4	3	1		23.50	23.05	23.11		
1.4	3	3		23.41	23.02	23.15		
1.4	6	0		22.31	22.05	22.03		
Limit	ERP < 7W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	24.07	24.39	24.10	28.34	0.6823
10	1	25		24.11	24.05	23.79		
10	1	49		23.95	23.63	23.17		
10	25	0		23.12	22.85	22.98		
10	25	12		22.90	23.04	22.82		
10	25	25		23.21	22.94	22.47		
10	50	0		23.16	23.06	22.79		
10	1	0	16-QAM	23.39	23.73	23.08	27.68	0.5861
10	1	25		23.30	23.22	22.96		
10	1	49		23.14	22.78	22.43		
10	25	0		22.07	22.08	22.00		
10	25	12		22.20	22.08	21.80		
10	25	25		22.21	21.93	21.50		
10	50	0		22.23	22.09	21.73		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	24.13	24.08	23.53	28.21	0.6622
5	1	12		24.26	24.15	23.37		
5	1	24		24.02	23.83	23.12		
5	12	0		23.22	22.77	22.68		
5	12	7		23.22	23.09	22.43		
5	12	13		23.16	22.97	22.21		
5	25	0		23.24	23.00	22.51		
5	1	0	16-QAM	23.87	23.55	23.01	27.82	0.6053
5	1	12		23.61	23.69	22.92		
5	1	24		23.46	23.36	22.48		
5	12	0		22.29	22.54	21.70		
5	12	7		22.29	22.10	21.44		
5	12	13		22.21	22.09	21.34		
5	25	0		22.19	22.08	21.52		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
3	1	0	QPSK	24.03	24.08	23.37	28.03	0.6353
3	1	8		24.07	24.07	23.27		
3	1	14		24.00	23.90	23.18		
3	8	0		23.25	23.03	22.38		
3	8	4		23.24	23.02	22.34		
3	8	7		23.18	23.01	22.13		
3	15	0		23.19	23.02	22.29		
3	1	0	16-QAM	23.62	23.43	22.77	27.70	0.5888
3	1	8		23.64	23.75	22.66		
3	1	14		23.46	23.40	22.43		
3	8	0		22.33	22.12	21.61		
3	8	4		22.32	22.12	21.44		
3	8	7		22.23	22.04	21.27		
3	15	0		22.23	22.04	21.32		
Limit	ERP < 3W			Result			Pass	

LTE Band 12 Maximum Average Power [dBm] (GT - LC = 6.1 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
1.4	1	0	QPSK	24.03	24.05	23.12	28.05	0.6383
1.4	1	3		24.05	23.93	23.16		
1.4	1	5		23.93	23.91	23.01		
1.4	3	0		24.10	24.03	23.17		
1.4	3	1		24.10	23.99	23.16		
1.4	3	3		24.06	24.00	23.09		
1.4	6	0		23.09	22.91	22.15		
1.4	1	0	16-QAM	23.80	23.52	22.51	27.75	0.5957
1.4	1	3		23.67	23.56	22.66		
1.4	1	5		23.52	23.44	22.54		
1.4	3	0		23.50	23.28	22.44		
1.4	3	1		23.43	23.24	22.40		
1.4	3	3		23.34	23.37	22.29		
1.4	6	0		22.29	22.09	21.29		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 6.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
10	1	0	QPSK	-	24.00	-	28.25	0.6683
10	1	25		-	23.95	-		
10	1	49		-	23.79	-		
10	25	0		-	23.03	-		
10	25	12		-	22.96	-		
10	25	25		-	22.89	-		
10	50	0		-	22.95	-		
10	1	0	16-QAM	-	23.14	-	27.50	0.5623
10	1	25		-	23.25	-		
10	1	49		-	23.03	-		
10	25	0		-	22.05	-		
10	25	12		-	21.97	-		
10	25	25		-	21.90	-		
10	50	0		-	21.97	-		
Limit	ERP < 3W			Result			Pass	

LTE Band 14 Maximum Average Power [dBm] (GT - LC = 6.4 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)
5	1	0	QPSK	23.97	23.91	23.84	28.22	0.6637
5	1	12		23.96	23.89	23.84		
5	1	24		23.85	23.82	23.77		
5	12	0		23.05	22.99	22.92		
5	12	7		22.92	22.91	22.92		
5	12	13		22.89	22.85	22.79		
5	25	0		22.87	22.89	22.84		
5	1	0	16-QAM	23.42	23.21	23.32	27.77	0.5984
5	1	12		23.52	23.38	23.32		
5	1	24		23.27	23.07	23.06		
5	12	0		22.19	21.99	21.90		
5	12	7		22.00	22.01	22.00		
5	12	13		21.84	21.94	21.80		
5	25	0		21.95	21.92	21.83		
Limit	ERP < 3W			Result			Pass	

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	-	23.91	-	32.59	1.8155
10	1	25		-	24.09	-		
10	1	49		-	23.62	-		
10	25	0		-	23.01	-		
10	25	12		-	23.03	-		
10	25	25		-	22.88	-		
10	50	0		-	22.95	-		
10	1	0	16-QAM	-	23.07	-	31.83	1.5241
10	1	25		-	23.33	-		
10	1	49		-	22.98	-		
10	25	0		-	22.04	-		
10	25	12		-	22.03	-		
10	25	25		-	21.88	-		
10	50	0		-	21.92	-		
Limit	EIRP < 2W/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 2 W/5MHz.

LTE Band 30 Maximum Average Power [dBm] (GT - LC = 8.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.94	24.08	23.96	32.58	1.8113
5	1	12		24.05	24.01	23.93		
5	1	24		23.98	23.80	23.84		
5	12	0		22.90	22.98	22.98		
5	12	7		23.01	23.03	22.97		
5	12	13		23.00	22.95	22.81		
5	25	0		22.94	22.94	22.90		
5	1	0	16-QAM	23.70	23.41	23.47	32.20	1.6596
5	1	12		23.39	23.61	23.47		
5	1	24		23.06	23.43	23.57		
5	12	0		21.99	22.07	22.04		
5	12	7		22.14	22.13	22.05		
5	12	13		21.97	21.97	21.82		
5	25	0		21.99	21.96	21.93		
Limit	EIRP < 2W/5MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 2W/5MHz.

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	23.85	23.88	23.71	29.61	0.9141
20	1	49		23.86	24.02	23.76		
20	1	99		24.11	23.95	23.84		
20	50	0		22.95	22.98	22.80		
20	50	24		22.92	23.03	22.82		
20	50	50		22.86	23.00	22.76		
20	100	0		23.05	23.01	22.79		
20	1	0	16-QAM	23.19	23.23	23.10	28.88	0.7727
20	1	49		23.15	23.26	23.14		
20	1	99		23.27	23.38	23.09		
20	50	0		21.97	22.03	21.86		
20	50	24		21.97	21.99	21.92		
20	50	50		21.93	21.99	21.74		
20	100	0		22.11	21.99	21.81		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	23.87	23.95	23.74	29.45	0.8810
15	1	37		23.92	23.95	23.65		
15	1	74		23.64	23.92	23.69		
15	36	0		23.00	22.98	22.91		
15	36	20		23.04	22.95	22.90		
15	36	39		22.74	22.98	22.72		
15	75	0		23.07	22.96	22.78		
15	1	0	16-QAM	23.31	23.23	22.95	28.81	0.7603
15	1	37		23.13	23.18	22.99		
15	1	74		22.89	23.26	23.08		
15	36	0		21.99	22.04	21.73		
15	36	20		22.07	21.99	21.83		
15	36	39		21.84	21.97	21.73		
15	75	0		22.01	21.94	21.81		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	23.99	23.94	23.68	29.60	0.9120
10	1	25		24.09	24.10	23.73		
10	1	49		23.72	23.96	23.72		
10	25	0		23.00	23.00	22.78		
10	25	12		23.10	23.04	22.86		
10	25	25		23.08	23.02	22.71		
10	50	0		23.00	23.01	22.77		
10	1	0	16-QAM	23.15	23.21	22.93	28.88	0.7727
10	1	25		23.38	23.24	22.84		
10	1	49		23.03	23.33	23.06		
10	25	0		22.05	22.04	21.81		
10	25	12		22.11	22.03	21.86		
10	25	25		22.09	22.02	21.70		
10	50	0		22.05	21.97	21.79		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	23.93	23.92	23.69	29.59	0.9099
5	1	12		24.02	24.09	23.88		
5	1	24		24.02	23.97	23.65		
5	12	0		22.95	22.99	22.75		
5	12	7		23.08	23.05	22.85		
5	12	13		23.04	22.97	22.72		
5	25	0		23.05	22.97	22.78		
5	1	0	16-QAM	23.22	23.30	22.96	29.05	0.8035
5	1	12		23.28	23.55	23.08		
5	1	24		23.25	23.27	22.90		
5	12	0		22.00	21.99	21.78		
5	12	7		22.08	22.09	21.83		
5	12	13		22.05	22.04	21.80		
5	25	0		22.07	22.00	21.73		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
3	1	0	QPSK	23.80	23.94	23.66	29.57	0.9057
3	1	8		24.01	24.07	23.70		
3	1	14		23.85	23.86	23.59		
3	8	0		23.01	23.05	22.78		
3	8	4		23.06	23.00	22.78		
3	8	7		23.02	22.95	22.77		
3	15	0		23.01	22.97	22.74		
3	1	0	16-QAM	23.20	23.24	23.01	28.90	0.7762
3	1	8		23.39	23.40	23.14		
3	1	14		23.17	23.25	22.82		
3	8	0		22.05	22.12	21.84		
3	8	4		22.08	22.08	21.93		
3	8	7		22.18	22.09	21.75		
3	15	0		22.06	22.05	21.78		
Limit	EIRP < 1W			Result			Pass	

LTE Band 66 Maximum Average Power [dBm] (GT - LC = 5.5 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
1.4	1	0	QPSK	23.73	23.94	23.71	29.53	0.8974
1.4	1	3		23.88	23.94	23.62		
1.4	1	5		23.99	23.91	23.57		
1.4	3	0		23.82	23.91	23.75		
1.4	3	1		23.90	23.98	23.59		
1.4	3	3		23.89	24.03	23.60		
1.4	6	0		22.90	22.97	22.64		
1.4	1	0	16-QAM	23.38	23.33	23.10	28.92	0.7798
1.4	1	3		23.42	23.19	22.88		
1.4	1	5		23.25	23.19	22.93		
1.4	3	0		23.02	23.16	22.78		
1.4	3	1		23.11	23.18	22.87		
1.4	3	3		23.02	23.12	22.91		
1.4	6	0		22.09	22.11	21.78		
Limit	EIRP < 1W			Result			Pass	

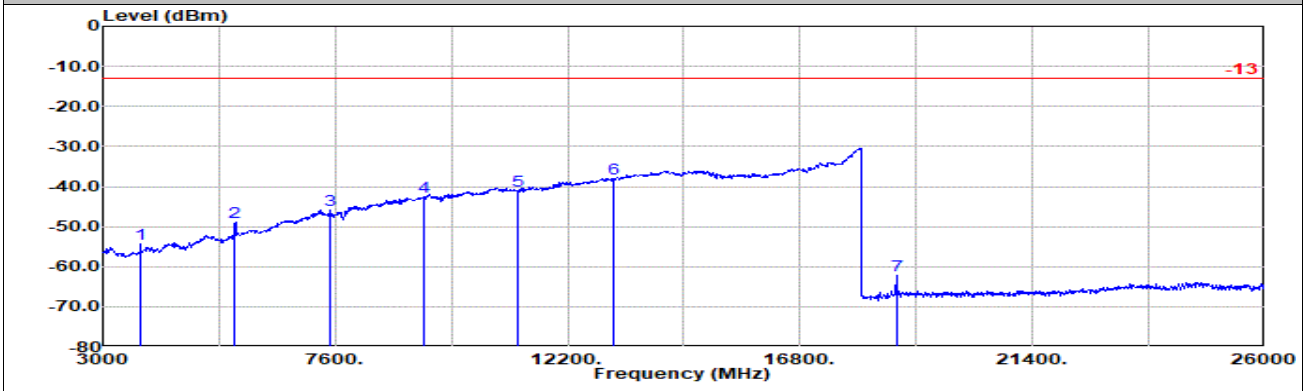
Appendix B. Test Results of Radiated Test

B1. Summary of each worse mode

Mode	Part	Band	Ch	Freq (MHz)	Level (dBm)	Det	Ant Factor (dB)	Amp\Cbl (dB)	Filter (dB)	EIRPCF (dB)	Reading (dBuV)	Limit (dBm)	Margin (dB)	Pol	Ant
1	Part 24E	LTE B2	M	13097	-33.76	RMS	39.80	-17.28	0.44	-95.23	38.51	-13.00	-20.76	V	0
1	Part 27L	LTE B66	M	6944	-40.64	RMS	35.90	-21.90	0.43	-95.23	40.16	-13.00	-27.64	V	0

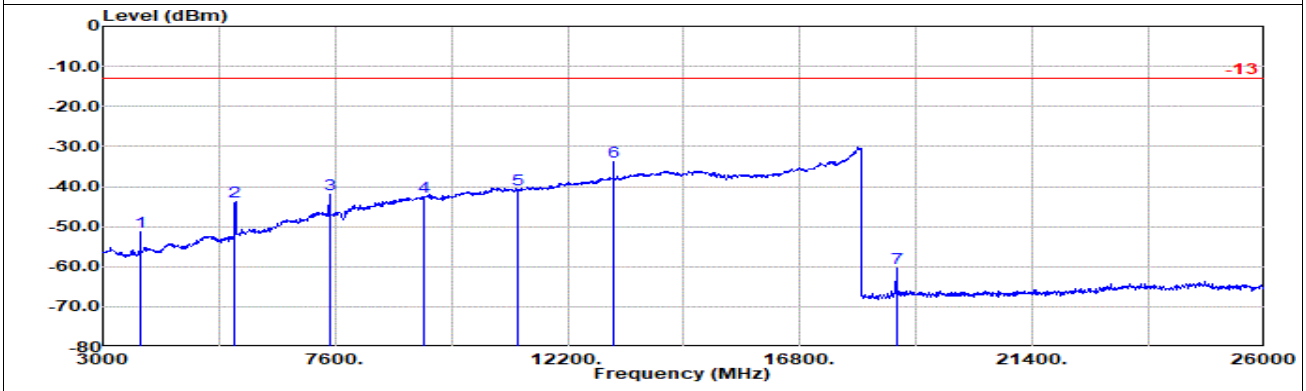
0

Part 24E Mode 1
LTE B2 20M Ch18900 1RB0 QPSK
M



Site : 03CH15-HY
Condition: -13 3m 9120D-02294_250606 Horizontal
: LTE Band 2 20M Ch18900 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3742.00	-54.34	RMS	30.04	-26.13	0.72	-95.23	36.26	-13.00	-41.34	Horizontal
2	5613.00	-49.02	RMS	32.98	-23.61	0.46	-95.23	36.38	-13.00	-36.02	Horizontal
3	7484.00	-45.88	RMS	36.30	-21.37	0.32	-95.23	34.10	-13.00	-32.88	Horizontal
4	9355.00	-42.44	RMS	38.32	-19.79	0.38	-95.23	33.88	-13.00	-29.44	Horizontal
5	11226.00	-40.95	RMS	38.85	-18.18	0.41	-95.23	33.20	-13.00	-27.95	Horizontal
6	13097.00	-38.12	RMS	39.80	-17.28	0.44	-95.23	34.15	-13.00	-25.12	Horizontal
7	18712.00	-62.13	RMS	38.25	-49.79	-9.54	-95.23	54.18	-13.00	-49.13	Horizontal

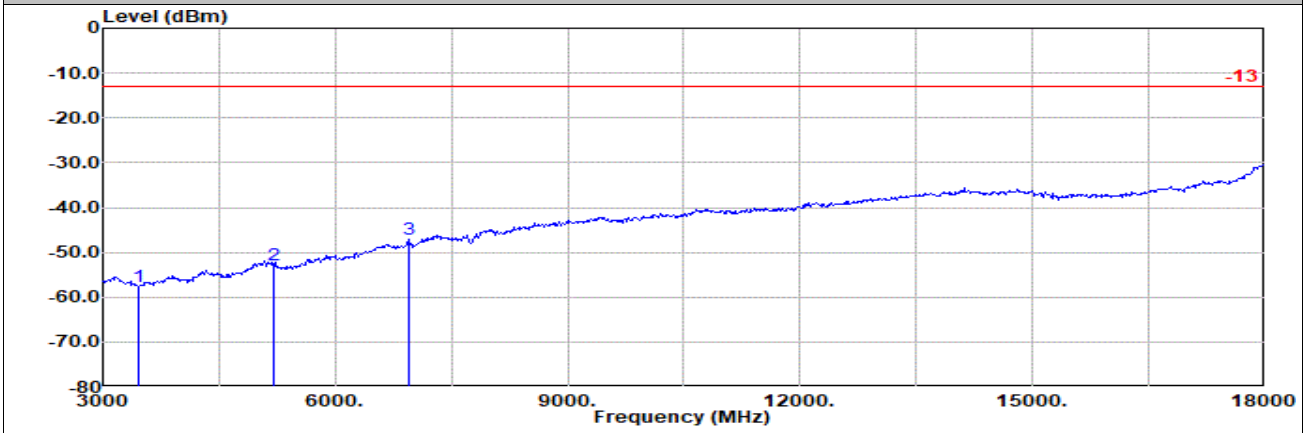


Site : 03CH15-HY
Condition: -13 3m 9120D-02294_250606 Vertical
: LTE Band 2 20M Ch18900 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cb l	Filter	EIRPCF	Readin g	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3742.00	-51.40	RMS	30.04	-26.13	0.72	-95.23	39.20	-13.00	-38.40	Vertical
2	5613.00	-43.79	RMS	32.98	-23.61	0.46	-95.23	41.61	-13.00	-30.79	Vertical
3	7484.00	-41.82	RMS	36.30	-21.37	0.32	-95.23	38.16	-13.00	-28.82	Vertical
4	9355.00	-42.45	RMS	38.32	-19.79	0.38	-95.23	33.87	-13.00	-29.45	Vertical
5	11226.00	-40.78	RMS	38.85	-18.18	0.41	-95.23	33.37	-13.00	-27.78	Vertical
6	13097.00	-33.76	RMS	39.80	-17.28	0.44	-95.23	38.51	-13.00	-20.76	Vertical
7	18712.00	-60.29	RMS	38.25	-49.79	-9.54	-95.23	56.02	-13.00	-47.29	Vertical

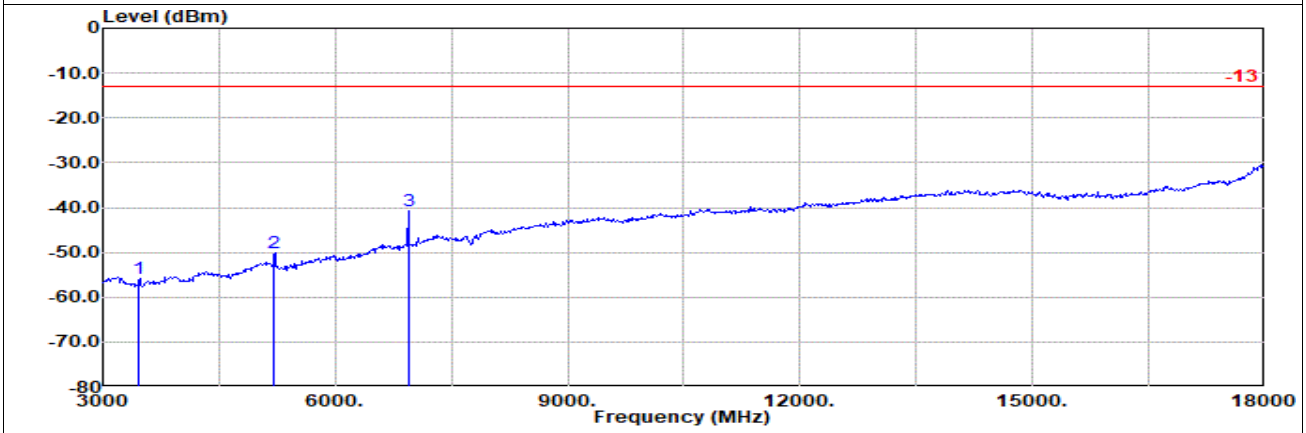
0

Part 27L Mode 1
LTE B66 20M Ch132322 1RB0 QPSK
M



Site : 03CH15-HY
Condition: -13 3m 9120D-02294_250606 Horizontal
: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3472.00	-57.77	RMS	29.46	-26.54	1.01	-95.23	0.00	-13.00	-44.77	Horizontal
2	5208.00	-52.74	RMS	32.98	-24.10	0.46	-95.23	33.15	-13.00	-39.74	Horizontal
3	6944.00	-47.04	RMS	35.90	-21.90	0.43	-95.23	33.76	-13.00	-34.04	Horizontal

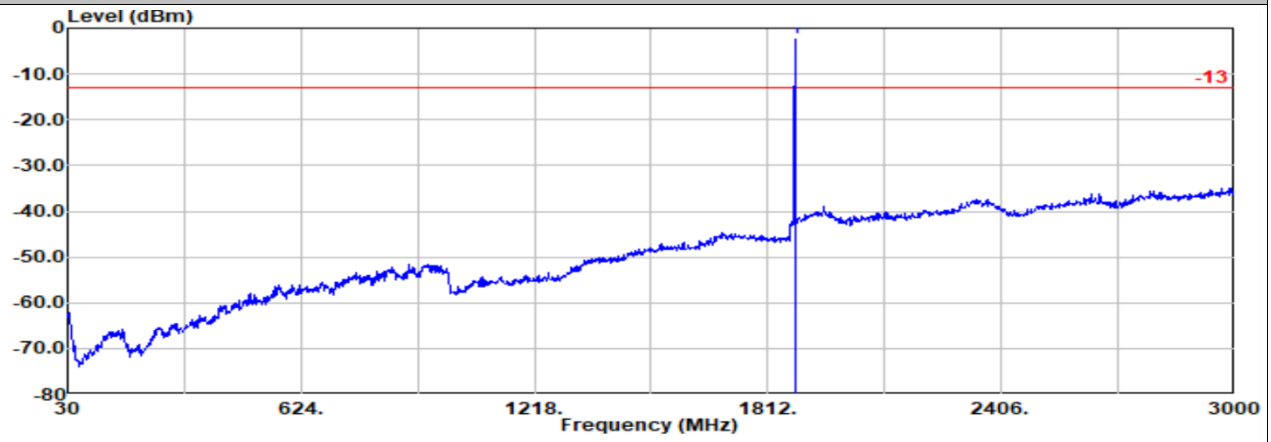


Site : 03CH15-HY
Condition: -13 3m 9120D-02294_250606 Vertical
: LTE Band 66 20M Ch132322 1RB0 QPSK

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	3472.00	-55.92	RMS	29.46	-26.54	1.01	-95.23	35.38	-13.00	-42.92	Vertical
2	5208.00	-50.00	RMS	32.98	-24.10	0.46	-95.23	35.89	-13.00	-37.00	Vertical
3	6944.00	-40.64	RMS	35.90	-21.90	0.43	-95.23	40.16	-13.00	-27.64	Vertical

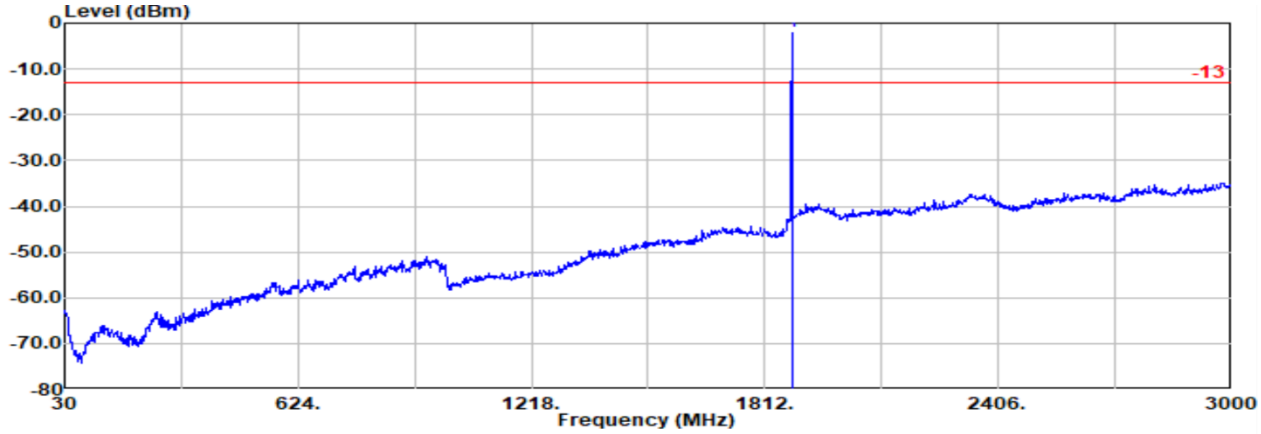
Ant 0

Part 24E Mode 1
LTE B2 20M Ch18900 1RB0 QPSK
M



Site : 03CH15-HY
Condition: -13 3m Bilog_41912 & 05_250301 Horizontal
: LTE B2 20M Ch18900 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1880.00	-2.05	RMS	25.60	7.61	0.00	-95.23	59.97	-13.00	10.95	Horizontal



Site : 03CH15-HY
Condition: -13 3m Bilog_41912 & 05_250301 Vertical
: LTE B2 20M Ch18900 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

	Freq	Level	Detector	Ant Factor	Amp\Cbl	Filter	EIRPCF	Reading	Limit	Margin	Pol
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB	
1	1880.00	-1.76	RMS	25.60	7.61	0.00	-95.23	60.26	-13.00	11.24	Vertical