

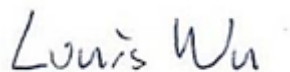


FCC RADIO TEST REPORT

FCC ID : QYLFN990B
EQUIPMENT : 5G NR Module
BRAND NAME : Getac
MODEL NAME : FN990A28
Applicant : Getac Technology Corporation.
5F., Building A, No. 209, Sec.1, Nangang Rd., Nangang
Dist., Taipei City 115018, Taiwan, R.O.C.
Standard : FCC 47 CFR Part 2, 96

The product was received on Jul. 04, 2026 and testing was performed from Jul. 05, 2026 to Jul. 21, 2026. We, Sporton International Inc. Wensan 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 partial report apply exclusively to the tested model / sample. Without written approval from Sporton International Inc. Wensan Laboratory, the test report shall not be reproduced except in full.



Approved by: Louis Wu

Sporton International Inc. Wensan Laboratory

No.58, Aly. 75, Ln. 564, Wenhua 3rd, Rd., Guishan Dist., Taoyuan City 333010, Taiwan (R.O.C.)



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History of this test report

Report No.	Version	Description	Issue Date
FG661230D	01	Initial issue of report	Aug. 28, 2026
FG661230D	02	Revise Section 1.1 and Section 2.4. This report is an update version, replacing the report issued on Aug. 28, 2026.	Sep. 03, 2026

Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
3.2	§2.1046	Conducted Output Power	Pass	-
-	§96.41	Peak-to-Average Ratio	Pass	See Note
3.3	§96.41	Effective Isotropic Radiated Power	Pass	-
-	§2.1049 §96.41	Occupied Bandwidth	Pass	See Note
-	§2.1051 §96.41	Conducted Band Edge Measurement	Pass	See Note
-	§2.1051 §96.41	Conducted Spurious Emission	Pass	See Note
-	§2.1055	Frequency Stability for Temperature & Voltage	Pass	See Note
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass	-

Remark:

- For host device, Field Strength of Spurious Radiation, Effective Radiated Power and Equivalent Isotropic Radiated Power are verified and complies with the limit in this test report.
- For host device, the Conducted Output Power is no difference after compared to module (Model: FN990A28)

Conformity Assessment Condition:

- 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.
- 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: Yun Huang

Report Producer: Julia Chang



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs WCDMA/LTE/5G NR, and GNSS	
Antenna Type WWAN: PIFA Antenna	
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2

Support Band and Evaluated Information	
Supported Band	LTE Band 42, 43, 48
Evaluated and Tested Band	LTE Band 48

Antenna Information					
Band	MIMO1	MIMO2			
LTE Band 42		-0.11			
LTE Band 43		-1.77			
LTE Band 48	0.86	-0.11			

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

The product was installed into Tablet (Brand Name: Getac, Model Name: B360, B360 Pro, B360G3, B360 ProG3, B360 Plus, B360X, B360X Pro, B360Y (Y= 10 characters, Y can be 0-9, a-z, A-Z, "-", "_" or blank for marketing purpose and no impact safety related critical components and constructions.)) during test, and the host information was recorded in the following table.

Host Information	
Host 1	Host with SKU D
Host 2	Host with SKU E

DVT SKUs	SKU D	SKU E
CPU	Ultra 5 325H	Ultra 7, 356H
Display	AUO 14", FHD	AUO 14", FHD
Touch screen	Support	Support
Memory	16GB	32GB*2
Main storage	256GB	1TB
Second storage	256GB	1TB
Wifi+BT	BE211NGW	BE211NGW
WWAN	FN990A28	FN990A28
GPS/GNSS	MC-1010-V2b	MC-1010-V2b
AC adapter	FSP065-RBBN3,65W FSP100-A1BR3, Type C	FSP090-ABBN3,90W MTA190474W4,90W FSP100-A1BR3, Type C
FINGERPRINT	Support	Support
RFID	Not Support	Not Support
BCR	Support	Support
Smart Card	Support	Support
SD Card Reader	Support	Support
Battery	BP2S1P4060S-01	BP3S2P3450P-01D
Optional ports	RS232/2 nd TBT4	RS232/2 nd TBT4
ODD (Expansion)	Not Support	Support (3rd battery pack:BP3S2P2100S-04)
MXM/PCMCIA/Express	Not Support	MXM
Expansion optional port	Not Support	Not Support

1.2 Modification of EUT

No modifications made to the EUT during the testing.

1.3 Testing Site

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.	
	03CH13-HY	TH05-HY
Test Engineer	Ryan Hung , Jacky Hung , White Hou	Yuki Chen
Temperature (°C)	21.6~25.7	22.3~22.7
Relative Humidity (%)	47.1~53.4	53.2~53.3
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.: TW3786

1.4 Applied Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ 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. The TAF code is not including all the FCC KDB listed without accreditation.

2 Test Configuration of Equipment Under Test

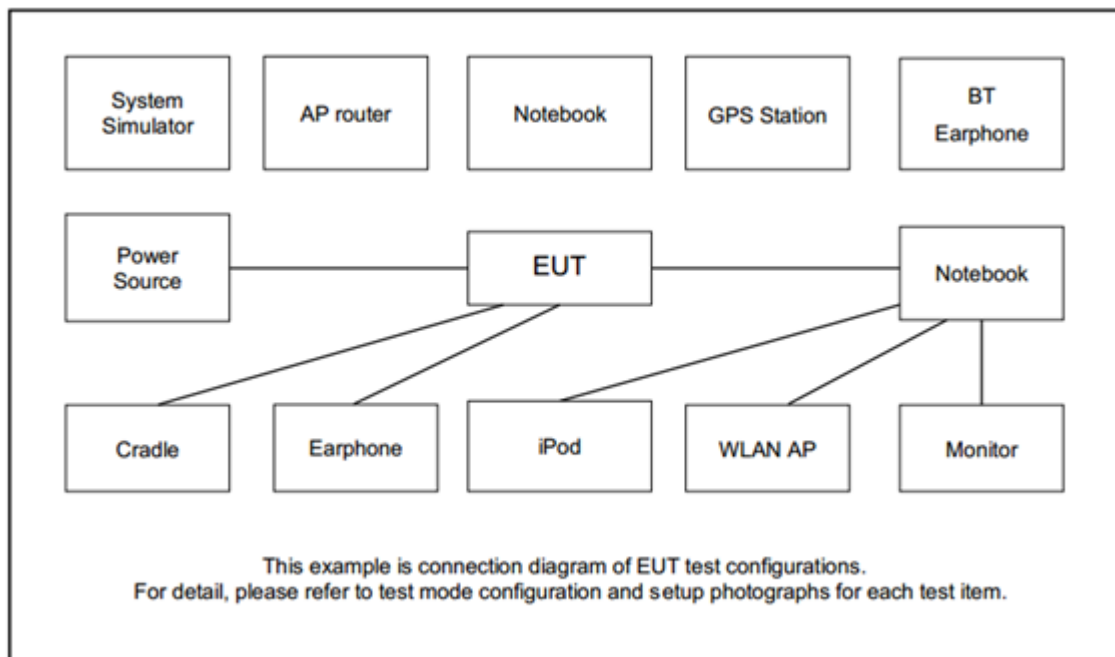
2.1 Test Mode

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.

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

Test Item	Modulation Type	Bandwidth	RB Size	Channel
Conducted Power	A, B, C, D	All	1, Half, Full	L, M, H
EIRP	A, B, C, D	All	1, Half, Full	L, M, H
RSE	A	20MHz	1RB	L, M, H
Remark: 1. Evaluated all the transmitter signal and reporting worst-case configuration among all modulation types. 2. 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. 3. All the radiated test cases were performed with Sample 2.				

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.	System Simulator	Anritsu	MT8820C	N/A	N/A	Unshielded, 1.8 m
3.	iPod Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A



2.4 Frequency List of Low/Middle/High Channels

LTE Band 42 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43190	43340	43490
	Frequency	3560.0	3575.0	3590.0
15	Channel	43165	43340	43515
	Frequency	3557.5	3575.0	3592.5
10	Channel	43140	43340	43540
	Frequency	3555.0	3575.0	3595.0
5	Channel	43115	43340	43565
	Frequency	3552.5	3575.0	3597.5

LTE Band 43 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	43690	44090	44490
	Frequency	3610.0	3650.0	3690.0
15	Channel	43665	44090	44515
	Frequency	3607.5	3650.0	3692.5
10	Channel	43640	44090	44540
	Frequency	3605.0	3650.0	3695.0
5	Channel	43615	44090	44565
	Frequency	3602.5	3650.0	3697.5

LTE Band 48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	55340	55830	56640
	Frequency	3560	3609	3690
15	Channel	55315	55820	56665
	Frequency	3557.5	3608	3692.5
10	Channel	55290	55815	56690
	Frequency	3555	3607.5	3695
5	Channel	55265	55810	56715
	Frequency	3552.5	3607	3697.5



LTE Band 42C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43190	43241	43292
		Frequency	3560.0	3565.1	3570.2
	SCC	Channel	43388	43439	43490
		Frequency	3579.8	3584.9	3590.0
20 + 15	PCC	Channel	43190	43266	43344
		Frequency	3560.0	3567.6	3575.4
	SCC	Channel	43361	43437	43515
		Frequency	3577.1	3584.7	3592.5
15 + 20	PCC	Channel	43165	43243	43319
		Frequency	3557.5	3565.3	3572.9
	SCC	Channel	43336	43414	43490
		Frequency	3574.6	3582.4	3590.0
20 + 10	PCC	Channel	43190	43291	43396
		Frequency	3560.0	3570.1	3580.6
	SCC	Channel	43334	43435	43540
		Frequency	3574.4	3584.5	3595.0
10 + 20	PCC	Channel	43140	43246	43346
		Frequency	3555.0	3565.6	3575.6
	SCC	Channel	43284	43390	43490
		Frequency	3569.4	3580.0	3590.0
20 + 5	PCC	Channel	43190	43315	43448
		Frequency	3560.0	3572.5	3585.8
	SCC	Channel	43307	43432	43565
		Frequency	3571.7	3584.2	3597.5
5 + 20	PCC	Channel	43115	43248	43373
		Frequency	3552.5	3565.8	3578.3
	SCC	Channel	43232	43365	43490
		Frequency	3564.2	3577.5	3590.0

LTE Band 43C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	43690	43991	44292
		Frequency	3610.0	3640.1	3670.2
	SCC	Channel	43888	44189	44490
		Frequency	3629.8	3659.9	3690.0
15 + 20	PCC	Channel	43665	43993	44319
		Frequency	3607.5	3640.3	3672.9
	SCC	Channel	43836	44164	44490
		Frequency	3624.6	3657.4	3690.0
10 + 20	PCC	Channel	43640	43996	44346
		Frequency	3605.0	3640.6	3675.6
	SCC	Channel	43784	44140	44490
		Frequency	3619.4	3655.0	3690.0
5 + 20	PCC	Channel	43615	43998	44373
		Frequency	3602.5	3640.8	3678.3
	SCC	Channel	43732	44115	44490
		Frequency	3614.2	3652.5	3690.0

LTE Band 48C Channel and Frequency List_CA					
BW [MHz]	Channel/Frequency(MHz)		Lowest	Middle	Highest
20 + 20	PCC	Channel	55340	55891	56442
		Frequency	3560	3615.1	3670.2
	SCC	Channel	55538	56089	56640
		Frequency	3579.8	3634.9	3690.0
20 + 15	PCC	Channel	55340	55916	56491
		Frequency	3560	3617.6	3675.1
	SCC	Channel	55511	56087	56662
		Frequency	3577.1	3634.7	3692.2
15 + 20	PCC	Channel	55318	55893	56469
		Frequency	3557.8	3615.3	3672.9
	SCC	Channel	55489	56064	56640
		Frequency	3574.9	3632.4	3690.0
20 + 10	PCC	Channel	55340	55941	56541
		Frequency	3560	3620.1	3680.1
	SCC	Channel	55484	56085	56685
		Frequency	3574.4	3634.5	3694.5
10 + 20	PCC	Channel	55295	55896	56496
		Frequency	3555.5	3615.6	3675.6
	SCC	Channel	55439	56040	56640
		Frequency	3569.9	3630	3690
20 + 5	PCC	Channel	55340	55965	56590
		Frequency	3560	3622.5	3685
	SCC	Channel	55457	56082	56707
		Frequency	3571.7	3634.2	3696.7
5 + 20	PCC	Channel	55273	55896	56523
		Frequency	3553.3	3615.6	3678.3
	SCC	Channel	55390	56015	56640
		Frequency	3565	3627.5	3690.0

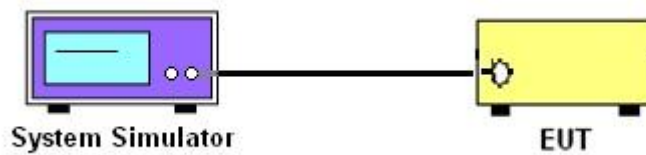
3 Conducted Test Items

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 Measurement

3.2.1 Description of the Conducted Output Power Measurement

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

3.2.2 Test Procedures

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



3.3 EIRP

3.3.1 Description of the EIRP Measurement

The EIRP of mobile transmitters must not exceed 23 dBm /10 megahertz for LTE Band 48.

The testing follows ANSI C63.26-2015 Section 5.2.5.5.

According to KDB 412172 D01 Power Approach,

$EIRP = PT + GT - LC$, 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

Device	Maximum EIRP (dBm/10 MHz)	Maximum PSD (dBm/MHz)
End User Device	23	n/a

Remark: Total channel power is complied with EIRP limit 23dBm/10MHz.

3.3.2 Test Procedures

The testing follows procedure in Section 5.2 of ANSI C63.26-2015 and KDB 940660 D01 Part 96 CBRS Eqpt v03 Section 3.2(b)(2)

Determine the EIRP by adding the effective antenna gain to the measured average conducted power level.

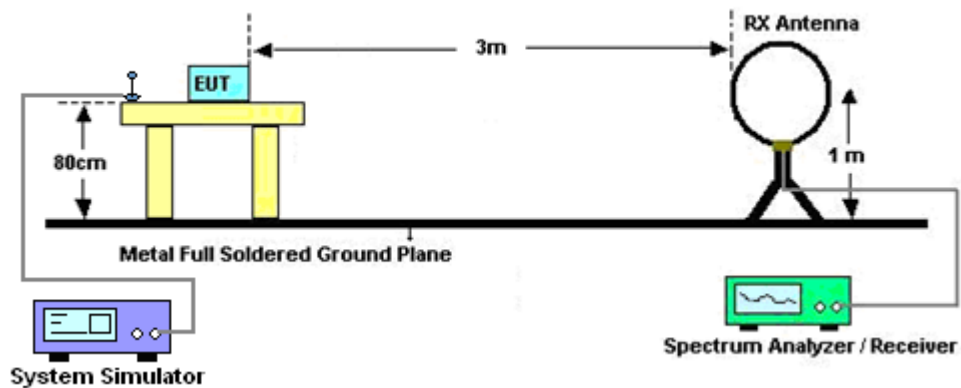
4 Radiated Test Items

4.1 Measuring Instruments

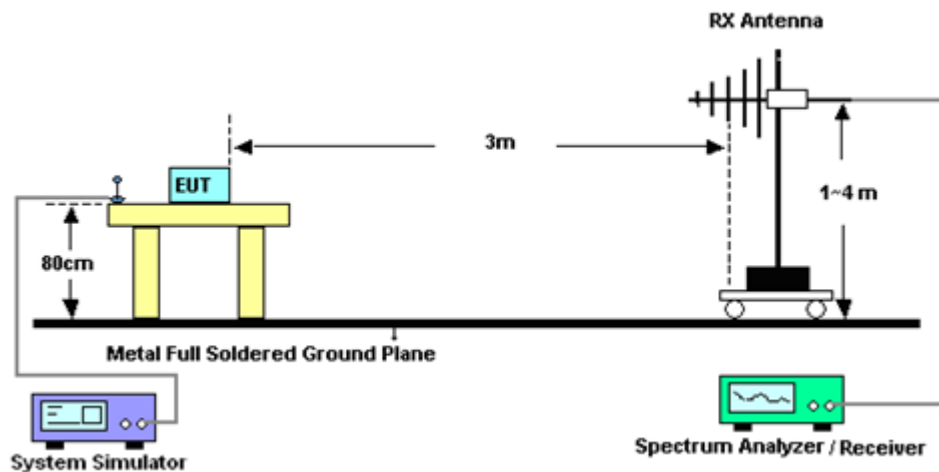
See list of measuring instruments of this test report.

4.2 Test Setup

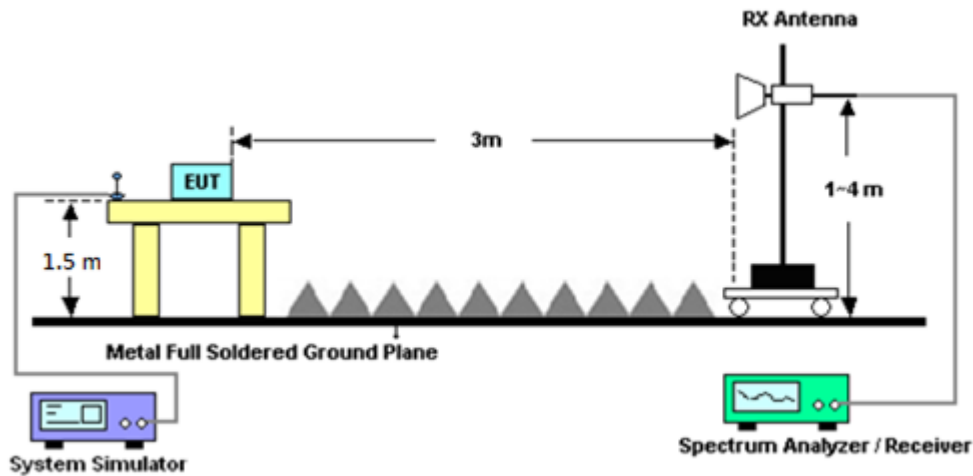
For radiated test below 30MHz



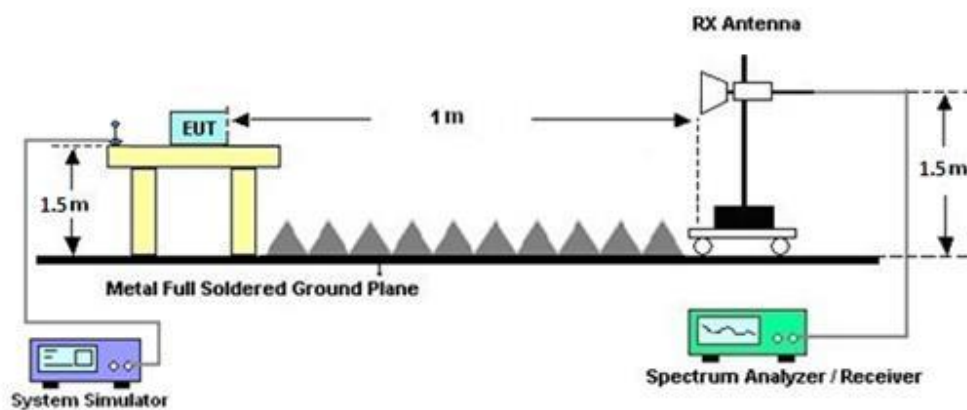
For radiated test from 30MHz to 1GHz



For radiated emissions from 1GHz to 18GHz



For radiated emissions above 18GHz



4.3 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.

4.4 Radiated Spurious Emission

4.4.1 Description of Radiated Spurious Emission

The radiated spurious emission was measured by field strength 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 -40dBm / MHz

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

4.4.2 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 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 1m to 4m to search the maximum spurious emission for both horizontal and vertical polarizations.
5. During the measurement, the system simulator parameters were set to force the EUT transmitting at maximum output power.
6. Make the measurement with the spectrum analyzer's RBW = 1MHz, VBW = 3MHz, taking the record of maximum spurious emission.
7. To convert spectrum reading E(dBuV/m) to EIRP(dBm)
$$\text{EIRP(dBm)} = \text{Level (dBuV/m)} + 20\log(d) - 104.77,$$
where d is the distance at which field strength limit is specified in the rules
8. Field Strength Level (dBm) = Spectrum Reading (dBm) + Antenna Factor + Cable Loss + Read Level - Preamp Factor.
9. ERP (dBm) = EIRP (dBm) - 2.15
10. 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-Z2	100488	9 kHz~30 MHz	Dec. 11, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Dec. 10, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 04, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Mar. 03, 2027	Radiation (03CH13-HY)
Amplifier	SONOMA	310N	187282	9kHz~1GHz	Dec. 11, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Dec. 10, 2026	Radiation (03CH13-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	40103 & 07	30MHz~1GHz	Apr. 12, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Apr. 11, 2027	Radiation (03CH13-HY)
Double Ridged Guide Horn Antenna	SCHWARZB ECK	BBHA 9120 D	9120D-1326	1GHz~18GHz	Sep. 03, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Sep. 02, 2026	Radiation (03CH13-HY)
Preamplifier	MITEQ	AMF-7D-0010 1800-30-10P	1590074	1GHz~18GHz	May 13, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	May 12, 2027	Radiation (03CH13-HY)
Preamplifier	EMEC	EM01G18G	060803	1GHz-18GHz	Jan. 07, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Jan. 06, 2027	Radiation (03CH13-HY)
Spectrum Analyzer	Keysight	N9010A	MY55370526	10Hz~44GHz	Dec. 05, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Dec. 04, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126E	0030/126E	30MHz~18GHz	Feb. 05, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Feb. 04, 2027	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102E	508408-2E	30MHz~40GHz	Jun. 15, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Jun. 14, 2027	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24961/4	30MHz~18GHz	Feb. 05, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Feb. 04, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WLK4-1000-15 30-8000-40SS	SN12	1.53GHz Low Pass Filter	Sep. 10, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Sep. 09, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 08, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Jul. 07, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 07, 2026		Jul. 06, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 07, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Jul. 06, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-2700 -3000-18000-6 0SS	SN2	3GHz High Pass Filter	Jul. 07, 2026		Jul. 06, 2027	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX8-5872. 5-6750-18000- 40ST	SN5	6.75GHz High Pass Filter	Mar. 06, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Mar. 05, 2027	Radiation (03CH13-HY)
Hygrometer	TECEPEL	DTM-303A	TP215159	N/A	Sep. 08, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Sep. 07, 2026	Radiation (03CH13-HY)
Controller	EMEC	EM1000	N/A	Control Turn table & Ant Mast	N/A	Jul. 05, 2026 ~ Jul. 15, 2026	N/A	Radiation (03CH13-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1m~4m	N/A	Jul. 05, 2026 ~	N/A	Radiation



						Jul. 15, 2026		(03CH13-HY)
Turn Table	EMEC	TT2000	N/A	0~360 Degree	N/A	Jul. 05, 2026 ~ Jul. 15, 2026	N/A	Radiation (03CH13-HY)
Software	Audix	N/A	RK-001124	N/A	N/A	Jul. 05, 2026 ~ Jul. 15, 2026	N/A	Radiation (03CH13-HY)
Horn Antenna	SCHWARZB ECK	BBHA 9170	1230	18GHz~40GHz	Nov. 05, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Nov. 04, 2026	Radiation (03CH13-HY)
Preamplifier	EMEC	EM18G40G	060715	18GHz~40GHz	Dec. 02, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Dec. 01, 2026	Radiation (03CH13-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804011/2,8040 12/2	18GHz~40GHz	Dec. 18, 2025	Jul. 05, 2026 ~ Jul. 15, 2026	Dec. 17, 2026	Radiation (03CH13-HY)
Notch Filter	Wainwright	WHKX12-900 -1000-15000-6 0SS	SN11	1GHz High Pass Filter	Mar. 11, 2026	Jul. 05, 2026 ~ Jul. 15, 2026	Mar. 10, 2027	Radiation (03CH13-HY)
Radio Communication Analyzer	Anritsu	MT8821C	6262025341	LTE FDD/TDD LTE-2CC ULCA/DLCA	Sep. 16, 2025	Jul. 15, 2026~ Jul. 21, 2026	Sep. 15, 2026	Conducted (TH05-HY)
DC Power Supply	GW Instek	GPE-2323	GET861546	0V~64V ; 0A~6A	Jun. 04, 2026	Jul. 15, 2026~ Jul. 21, 2026	Jun. 03, 2027	Conducted (TH05-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101907	10Hz~40GHz	Aug. 25, 2025	Jul. 15, 2026~ Jul. 21, 2026	Aug. 24, 2026	Conducted (TH05-HY)
Thermal Chamber	ESPEC	SU-241	92003713	-30℃ ~95℃	Feb. 23, 2026	Jul. 15, 2026~ Jul. 21, 2026	Feb. 22, 2027	Conducted (TH05-HY)
Power divider	MVE	MVE8283	#Z	0.009MHz-18G Hz	Oct. 16, 2025	Jul. 15, 2026~ Jul. 21, 2026	Oct. 15, 2026	Conducted (TH05-HY)
Power Divider	MVE	MVE8283	F201918	9KHz~40GHz	Dec. 31, 2025	Jul. 15, 2026~ Jul. 21, 2026	Dec. 30, 2026	Conducted (TH05-HY)
Software	Sporton	LTE Conducted Test Tools	N/A	Conducted Test Item	N/A	Jul. 15, 2026~ Jul. 21, 2026	N/A	Conducted (TH05-HY)
Hygrometer	TECEPEL	DTM-303B	TP200886	-10 ~ 50℃ / 20 ~ 95%RH	Mar. 04, 2026	Jul. 15, 2026~ Jul. 21, 2026	Mar. 03, 2027	Conducted (TH05-HY)

6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	6.60 dB
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 6 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	4.60 dB
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Uncertainty of Radiated Emission Measurement (6 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.60 dB
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Uncertainty of Radiated Emission Measurement (18 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2U_c(y)$)	5.20 dB
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Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.28	21.80	21.61	22.78	0.1897
20	1	49		21.48	21.92	21.58		
20	1	99		21.85	21.87	21.75		
20	50	0		20.62	20.92	19.44		
20	50	24		20.64	20.85	19.39		
20	50	50		20.63	20.91	19.27		
20	100	0		20.61	20.81	19.38		
20	1	0	16-QAM	20.91	20.97	20.68	21.84	0.1528
20	1	49		20.74	20.96	20.98		
20	1	99		20.91	20.91	20.92		
20	50	0		19.63	19.90	19.33		
20	50	24		19.66	19.82	19.51		
20	50	50		19.77	19.86	19.34		
20	100	0		19.65	19.85	19.41		
20	1	0	64-QAM	19.11	19.86	19.67	20.85	0.1216
20	1	49		19.83	19.87	19.94		
20	1	99		19.99	19.98	19.90		
20	50	0		18.48	18.57	18.99		
20	50	24		18.73	18.58	18.91		
20	50	50		18.67	18.52	19.00		
20	100	0		18.68	18.53	18.61		
20	1	0	256-QAM	16.73	16.85	16.55	17.85	0.0610
20	1	49		16.99	16.95	16.55		
20	1	99		16.80	16.89	16.76		
20	50	0		16.72	16.64	16.54		
20	50	24		16.68	16.70	16.64		
20	50	50		16.73	16.59	16.58		
20	100	0		16.66	16.58	16.56		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.36	21.67	21.66	22.70	0.1862
15	1	37		21.40	21.77	21.70		
15	1	74		21.57	21.84	21.72		
15	36	0		20.52	20.88	20.78		
15	36	20		20.56	20.80	20.86		
15	36	39		20.50	20.74	20.74		
15	75	0		20.56	20.78	20.90		
15	1	0	16-QAM	20.25	20.43	20.49	21.85	0.1531
15	1	37		20.20	20.59	20.74		
15	1	74		20.33	20.70	20.99		
15	36	0		19.07	19.48	19.44		
15	36	20		19.16	19.35	19.92		
15	36	39		19.22	19.50	19.44		
15	75	0		19.06	19.44	19.48		
15	1	0	64-QAM	18.89	19.50	19.16	20.85	0.1216
15	1	37		19.99	19.57	19.40		
15	1	74		19.14	19.78	19.97		
15	36	0		18.16	18.53	18.50		
15	36	20		18.12	18.45	18.58		
15	36	39		18.21	18.49	18.51		
15	75	0		18.08	18.52	18.50		
15	1	0	256-QAM	15.94	16.69	16.58	17.76	0.0597
15	1	37		16.25	16.56	16.49		
15	1	74		16.02	16.90	16.64		
15	36	0		16.30	16.54	16.54		
15	36	20		16.26	16.52	16.54		
15	36	39		16.19	16.51	16.45		
15	75	0		16.16	16.51	16.49		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.05	21.45	21.36	22.36	0.1722
10	1	25		21.13	21.42	21.39		
10	1	49		21.07	21.50	21.25		
10	25	0		20.21	20.56	20.45		
10	25	12		20.22	20.50	20.54		
10	25	25		20.19	20.55	20.37		
10	50	0		20.14	20.42	20.54		
10	1	0	16-QAM	20.16	20.71	20.67	21.75	0.1496
10	1	25		20.56	20.89	20.58		
10	1	49		20.82	20.36	20.73		
10	25	0		19.29	19.58	19.28		
10	25	12		19.22	19.57	19.53		
10	25	25		19.23	19.59	19.55		
10	50	0		19.19	19.52	19.50		
10	1	0	64-QAM	19.12	19.70	19.68	20.77	0.1194
10	1	25		19.63	19.68	19.73		
10	1	49		19.18	19.91	19.50		
10	25	0		18.27	18.41	18.37		
10	25	12		18.22	18.59	18.55		
10	25	25		18.23	18.45	18.32		
10	50	0		18.13	18.53	18.58		
10	1	0	256-QAM	16.03	16.69	16.63	17.83	0.0607
10	1	25		16.35	16.97	16.89		
10	1	49		16.24	16.04	16.47		
10	25	0		16.24	16.55	16.45		
10	25	12		16.29	16.63	16.50		
10	25	25		16.15	16.37	16.51		
10	50	0		15.97	16.51	16.53		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Part 96 LTE Band 48 Maximum Average Power [dBm] (GT - LC = 0.86 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.05	21.44	21.45	22.39	0.1734
5	1	12		21.08	21.37	21.36		
5	1	24		21.18	21.53	21.32		
5	12	0		20.22	20.57	20.48		
5	12	7		20.29	20.57	20.46		
5	12	13		20.20	20.52	20.49		
5	25	0		20.22	20.49	20.48		
5	1	0	16-QAM	20.50	20.86	20.76	21.82	0.1521
5	1	12		20.66	20.81	20.69		
5	1	24		20.28	20.60	20.96		
5	12	0		19.22	19.69	19.53		
5	12	7		19.36	19.64	19.51		
5	12	13		19.16	19.52	19.63		
5	25	0		19.19	19.53	19.44		
5	1	0	64-QAM	19.01	19.72	19.99	20.85	0.1216
5	1	12		19.04	19.96	19.98		
5	1	24		19.44	19.87	19.58		
5	12	0		18.30	18.60	18.48		
5	12	7		18.34	18.52	18.54		
5	12	13		18.33	18.54	18.51		
5	25	0		18.22	18.52	18.51		
5	1	0	256-QAM	16.15	16.55	16.86	17.75	0.0596
5	1	12		16.52	16.89	16.62		
5	1	24		16.00	16.48	16.15		
5	12	0		16.22	16.72	16.53		
5	12	7		16.16	16.60	16.54		
5	12	13		16.11	16.51	16.57		
5	25	0		16.17	16.58	16.58		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Appendix A. Test Results of Conducted Test

Conducted Output Power (Average power and EIRP)

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.86 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+20	100	0	100	0	QPSK	11.42	11.65	11.29	22.53	0.1791
20+20	1	0	1	99		0.21	0.47	0.14		
20+20	1	99	1	0		0.22	0.45	0.01		
20+20	1	0	0	0		21.43	21.67	21.54		
20+20	100	0	100	0	16-QAM	11.43	11.62	11.26	22.13	0.1633
20+20	1	0	1	99		0.72	0.96	0.66		
20+20	1	99	1	0		0.75	0.93	0.50		
20+20	1	0	0	0		21.07	21.27	21.06		
20+20	100	0	100	0	64-QAM	11.44	11.69	11.28	12.55	0.0180
20+20	1	0	1	99		0.67	0.92	0.64		
20+20	1	99	1	0		0.69	0.98	0.43		
20+20	100	0	100	0	256-QAM	11.43	11.67	11.29	12.53	0.0179
20+20	1	0	1	99		0.60	0.74	0.45		
20+20	1	99	1	0		3.26	0.65	0.25		
20+15	100	0	75	0	QPSK	11.47	11.69	11.27	22.62	0.1828
20+15	1	0	1	74		0.25	0.51	0.16		
20+15	1	99	1	0		0.24	0.47	0.03		
20+15	1	0	0	0		21.38	21.76	21.41		
20+15	100	0	75	0	16-QAM	11.48	11.68	11.27	22.20	0.1660
20+15	1	0	1	74		0.74	1.03	0.62		
20+15	1	99	1	0		0.75	0.94	0.47		
20+15	1	0	0	0		21.03	21.34	20.97		
20+15	100	0	75	0	64-QAM	11.47	11.68	11.28	12.54	0.0179
20+15	1	0	1	74		0.71	0.96	0.63		
20+15	1	99	1	0		0.58	0.95	0.40		
20+15	100	0	75	0	256-QAM	11.27	11.73	11.35	12.59	0.0182
20+15	1	0	1	74		0.54	0.83	0.40		
20+15	1	99	1	0		0.55	0.74	0.30		
15+20	75	0	100	0	QPSK	12.06	12.38	11.19	22.60	0.1820
15+20	1	0	1	99		0.83	1.14	0.03		
15+20	1	74	1	0		0.83	1.20	0.22		
15+20	1	0	0	0		21.38	21.74	21.43		
15+20	75	0	100	0	16-QAM	12.06	12.36	11.19	22.18	0.1652
15+20	1	0	1	99		1.38	1.63	0.53		
15+20	1	74	1	0		1.31	1.71	0.71		
15+20	1	0	0	0		21.02	21.32	20.97		
15+20	75	0	100	0	64-QAM	12.04	12.35	11.17	13.21	0.0209
15+20	1	0	1	99		1.29	1.65	0.48		
15+20	1	74	1	0		1.27	1.62	0.67		
15+20	75	0	100	0	256-QAM	12.07	12.41	11.23	13.27	0.0212
15+20	1	0	1	99		0.99	1.37	0.34		
15+20	1	74	1	0		1.17	0.69	0.49		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.86 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
20+10	100	0	50	0	QPSK	12.08	12.37	12.02	22.66	0.1845
20+10	1	0	1	49		0.91	1.22	0.84		
20+10	1	99	1	0		0.94	1.16	0.83		
20+10	1	0	0	0		21.43	21.80	21.49		
20+10	100	0	50	0	16-QAM	12.05	12.43	11.98	22.24	0.1675
20+10	1	0	1	49		1.42	1.66	1.30		
20+10	1	99	1	0		1.34	1.65	1.35		
20+10	1	0	0	0		21.01	21.38	21.12		
20+10	100	0	50	0	64-QAM	12.06	12.40	12.01	13.26	0.0212
20+10	1	0	1	49		1.37	1.67	1.32		
20+10	1	99	1	0		1.36	1.62	1.36		
20+10	100	0	50	0	256-QAM	12.07	12.45	12.04	13.31	0.0214
20+10	1	0	1	49		0.73	1.58	1.15		
20+10	1	99	1	0		1.20	1.37	1.03		
10+20	50	0	100	0	QPSK	12.04	12.41	12.00	22.66	0.1845
10+20	1	0	1	99		0.92	1.25	0.88		
10+20	1	49	1	0		0.89	1.24	0.81		
10+20	1	0	0	0		21.41	21.80	21.53		
10+20	50	0	100	0	16-QAM	12.05	12.39	12.00	22.20	0.1660
10+20	1	0	1	99		1.41	1.73	1.32		
10+20	1	49	1	0		1.41	1.74	1.38		
10+20	1	0	0	0		21.01	21.34	21.00		
10+20	50	0	100	0	64-QAM	12.09	12.40	12.01	13.26	0.0212
10+20	1	0	1	99		1.39	1.72	1.27		
10+20	1	49	1	0		1.36	1.72	1.33		
10+20	50	0	100	0	256-QAM	12.10	12.44	12.05	13.30	0.0214
10+20	1	0	1	99		1.17	1.50	1.16		
10+20	1	49	1	0		1.14	1.50	1.10		
20+5	100	0	25	0	QPSK	12.09	12.43	12.04	22.69	0.1858
20+5	1	0	1	24		0.93	1.27	0.87		
20+5	1	99	1	0		0.94	1.21	0.84		
20+5	1	0	0	0		21.46	21.83	21.53		
20+5	100	0	25	0	16-QAM	12.08	12.40	12.01	22.24	0.1675
20+5	1	0	1	24		1.34	1.76	1.36		
20+5	1	99	1	0		1.43	1.70	1.30		
20+5	1	0	0	0		21.04	21.38	21.04		
20+5	100	0	25	0	64-QAM	12.07	12.42	12.03	13.28	0.0213
20+5	1	0	1	24		1.42	1.71	1.28		
20+5	1	99	1	0		1.32	1.64	1.33		
20+5	100	0	25	0	256-QAM	12.13	12.44	12.09	13.30	0.0214
20+5	1	0	1	24		1.20	1.60	1.15		
20+5	1	99	1	0		1.15	1.42	1.14		
Limit	EIRP < 23dBm/10MHz					Result				

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.

Part 96 LTE Band 48C_CA Maximum Average Power [dBm] (GT - LC = 0.86 dB)										
BW [MHz]	PCC		SCC		Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
	RB Size	RB Offset	RB Size	RB Offset						
5+20	25	0	100	0	QPSK	12.01	12.38	12.06	22.72	0.1871
5+20	1	0	1	99		0.90	1.25	0.89		
5+20	1	24	1	0		0.88	1.30	0.89		
5+20	1	0	0	0		21.50	21.86	21.49		
5+20	25	0	100	0	16-QAM	12.04	12.42	12.05	22.30	0.1698
5+20	1	0	1	99		1.36	1.70	1.40		
5+20	1	24	1	0		1.38	1.70	1.31		
5+20	1	0	0	0		21.04	21.44	21.03		
5+20	25	0	100	0	64-QAM	12.05	12.38	12.05	13.24	0.0211
5+20	1	0	1	99		1.41	1.70	1.38		
5+20	1	24	1	0		1.34	1.73	1.32		
5+20	25	0	100	0	256-QAM	12.06	12.41	12.09	13.27	0.0212
5+20	1	0	1	99		1.10	1.58	1.22		
5+20	1	24	1	0		1.14	1.54	9.04		
Limit	EIRP < 23dBm/10MHz					Result			Pass	

Total EIRP power is less than partial EIRP limit 23 dBm/10MHz.



Appendix B. Radiated Spurious Emission Test Data

Test Engineer :	Ryan Hung, Jacky Hong, and White Hou	Relative Humidity(%):	47.1 ~ 53.4%
		Temperature(°C):	21.6 ~25.7°C

B1.Summary of each worse mode

Mode	Band	Part	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	LTE B48	Part 96	L	10653	-49.78	RMS	39.10	-41.65	0.58	-95.23	47.42	-40.00	-9.78	V	MIMO2

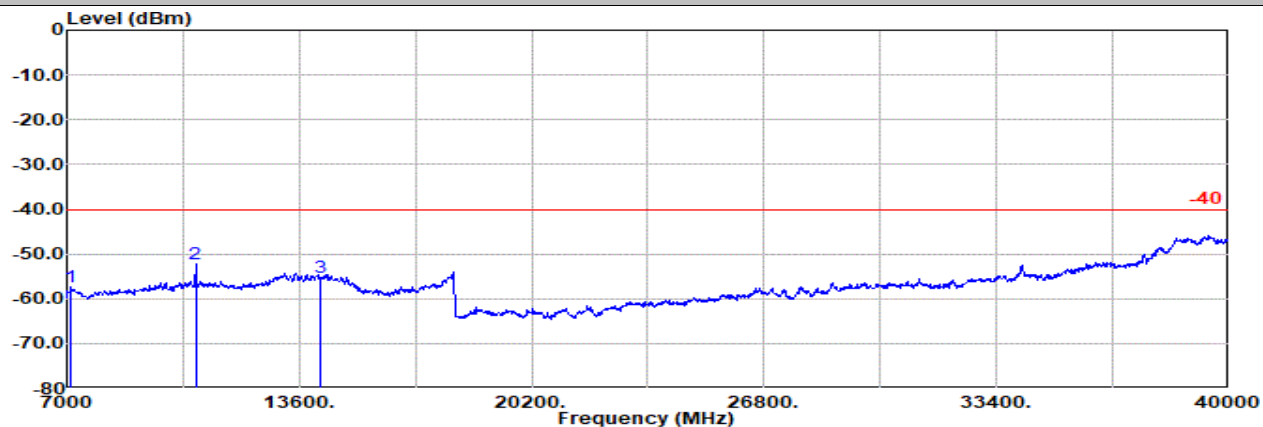


Ant. MIMO2

Part 96 Mode 1

LTE B48 HPUE 20M Ch55340 1RB0 QPSK

L

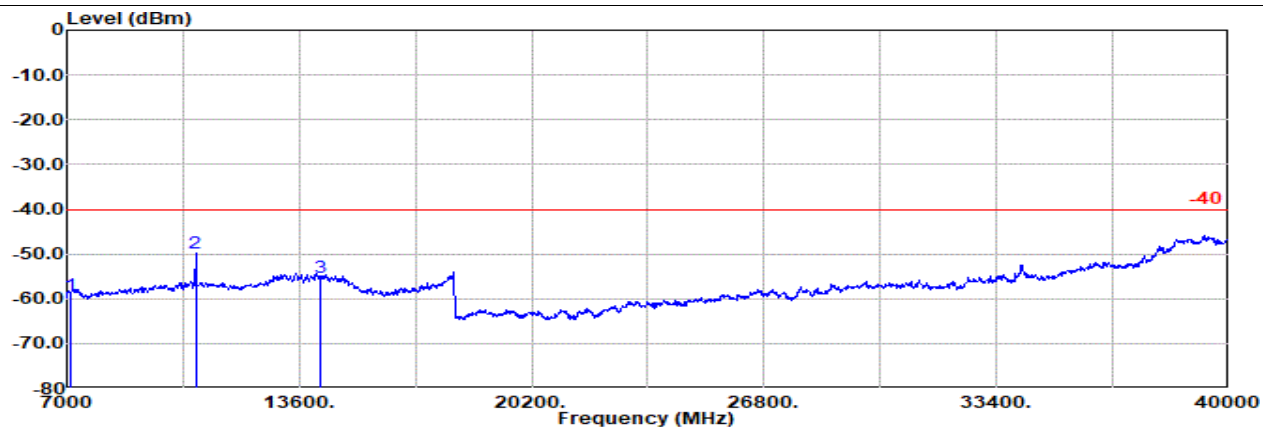


Site : 03CH13-HY

Condition: -40 1m SHF_BBHA9170_1230 Horizontal

: LTE Band 48 HPUE 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7102.18	-57.50	RMS	36.22	-44.79	1.00	-95.23	45.30	-40.00	-17.50 Horizontal
2	10653.27	-52.33	RMS	39.10	-41.65	0.58	-95.23	44.87	-40.00	-12.33 Horizontal
3	14204.36	-55.26	RMS	40.58	-40.03	0.72	-95.23	38.70	-40.00	-15.26 Horizontal



Site : 03CH13-HY

Condition: -40 1m SHF_BBHA9170_1230 Vertical

: LTE Band 48 HPUE 20M Ch55340 1RB0 QPSK

	Freq	Level	Detector	Ant Amp\Cb Filter		EIRPCF	Readin	Limit	Margin	Pol
				Factor	1					
	MHz	dBm		dB/m	dB	dB	dB	dBuV	dBm	dB
1	7102.18	-59.10	RMS	36.22	-44.79	1.00	-95.23	43.70	-40.00	-19.10 Vertical
2	10653.27	-49.78	RMS	39.10	-41.65	0.58	-95.23	47.42	-40.00	-9.78 Vertical
3	14204.36	-55.37	RMS	40.58	-40.03	0.72	-95.23	38.59	-40.00	-15.37 Vertical

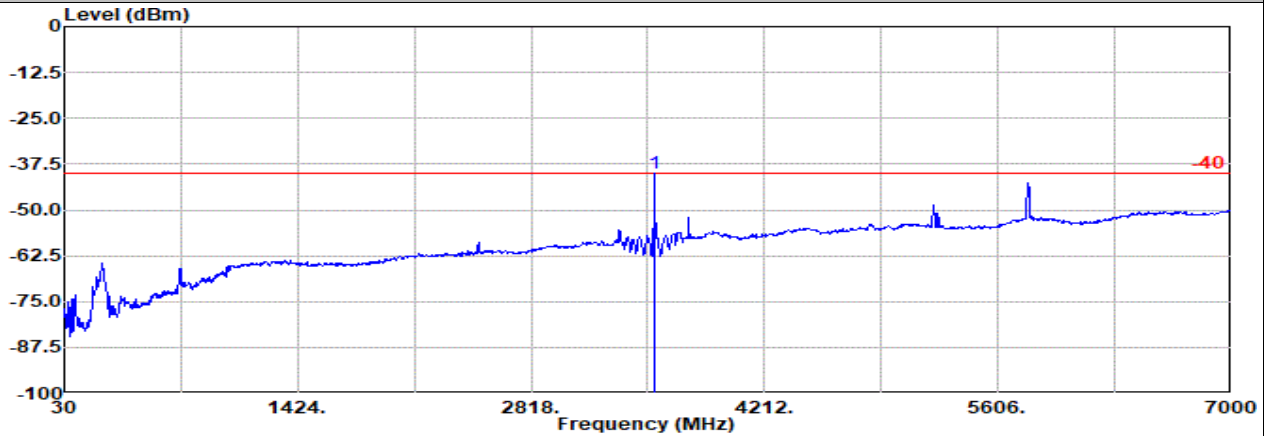


Ant. MIMO2

Part 96 Mode 1

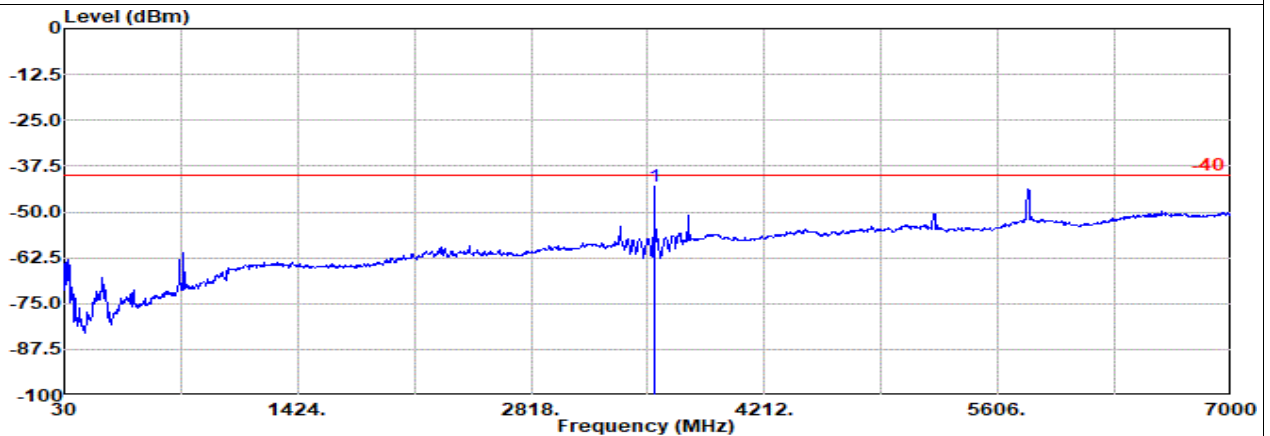
LTE B48 HPUE 20M Ch55340 1RB0 QPSK

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Site : 03CH13-HY
Condition: -40 3m HORN_9120D_1326 Horizontal
: LTE Band 48 HPUE 20M Ch55340 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm					1		g			
1	3560.00	-40.02	RMS	29.50	-28.60	0.54	-95.23	53.77	-----	-----		Horizontal



Site : 03CH13-HY
Condition: -40 3m HORN_9120D_1326 Vertical
: LTE Band 48 HPUE 20M Ch55340 1RB0 QPSK
: #1 is fundamental signal which can be ignored.

1	Freq	Level	Detector	Ant Factor	Amp	Cb	Filter	EIRPCF	Readin	Limit	Margin	Pol
	MHz	dBm					1		g			
1	3560.00	-42.91	RMS	29.50	-28.60	0.54	-95.23	50.88	-----	-----		Vertical