



FCC RADIO TEST REPORT

FCC ID : QYLLN920F
Equipment : WWAN Module
Brand Name : Getac
Model Name : LN920A12-WW
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 Aug. 10, 2023 and testing was performed from Sep. 07, 2023 to Sep. 21, 2023. 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 given in ANSI / TIA-603-E 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. 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.)



Table of Contents

History of this test report.....	3
Summary of Test Result.....	4
1 General Description	5
1.1 Product Feature of Equipment Under Test	5
1.2 Modification of EUT	7
1.3 Testing Location	7
1.4 Applied Standards	7
2 Test Configuration of Equipment Under Test	8
2.1 Test Mode.....	8
2.2 Connection Diagram of Test System	9
2.3 Support Unit used in test configuration	9
2.4 Frequency List of Low/Middle/High Channels.....	9
3 Conducted Test Items.....	10
3.1 Measuring Instruments.....	10
3.2 Conducted Output Power.....	11
3.3 EIRP	12
4 Radiated Test Items	13
4.1 Measuring Instruments.....	13
4.2 Test Setup	13
4.3 Test Result of Radiated Test.....	14
4.4 Radiated Spurious Emission	15
5 List of Measuring Equipment.....	16
6 Measurement Uncertainty	17
Appendix A. Test Results of Conducted Test	
Appendix B. Test Results of Radiated Test	
Appendix C. Test Setup Photographs	



History of this test report

Report No.	Version	Description	Issue Date
FG381701F	01	Initial issue of report	Oct. 31, 2023
FG381701F	02	Revise Antenna Gain and Appendix A This report is an updated version, replacing the report issued on Oct. 31, 2023.	Nov. 06, 2023



Summary of Test Result

Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)
3.2	§2.1046 RSS-192 8.6	Conducted Output Power	Reporting only
3.3	§96.41	Effective Isotropic Radiated Power	Pass
4.4	§2.1051 §96.41	Radiated Spurious Emission	Pass

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: Yun Huang

Report Producer: Michelle Chen



1 General Description

1.1 Product Feature of Equipment Under Test

Product Feature	
General Specs	WCDMA/LTE, and GPS/Glonass/BDS/Galileo
Sample 1	EUT with Host 1
Sample 2	EUT with Host 2
Antenna Type	WWAN <Main>: PIFA Antenna <Aux.>: PIFA Antenna GPS / Glonass / Galileo / BDS : PATCH Antenna
Antenna Gain	-1.98 dBi

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



The product was installed into Tablet PC (Brand Name: Getac, Model Name: F110, F110G7, F110-701, F110-711, F110-Exc, F110Y (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 B
Host 2	Host with SKU C

Sample Information		
	SKU B	SKU C
CPU	i5-1335U	I7-1365U
DDR	Kingston 16GB	Kingston 32GB
SSD	512GB	1TB
PANEL	Full FHD AUO	Full FHD AUO
DIGITIZER	EMRright Digitizer	EMRright Digitizer
OPTION BAY	Barcode Reader	LAN
Expansion Bay	HID RFID	SMART CARD
Right side option	Not Support	Fringer Print
WLAN/BT	Intel AX211	Intel AX211
WWAN(4G)	LN920A12-WW	LN920A12-WW
GNSS	LN920A12-WW	LN920A12-WW
Rear 8M Camera	Support	Support
Webcam FHD	Not Support	Support
IR Webcam	Support	Support
USB3.2 Gen2 x 1 Type-A	Support	Support
Type-C (thunder bolt)	Support	Support
Audio/MIC	Support	Support
Fischer	Not Support	Not Support



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 (°C)	21.1~22.9
Relative Humidity (%)	51.2~52.3

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.
	03CH21-HY (TAF Code: 3786)
Test Engineer	Jack Cheng, Ray Lung and Sky Chang
Temperature (°C)	18~26
Relative Humidity (%)	50~70
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 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
- ♦ ANSI / TIA-603-E
- ♦ FCC 47 CFR Part 2, 96
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 940660 D01 Part 96 CBRS Eqpt v03
- ♦ 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. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

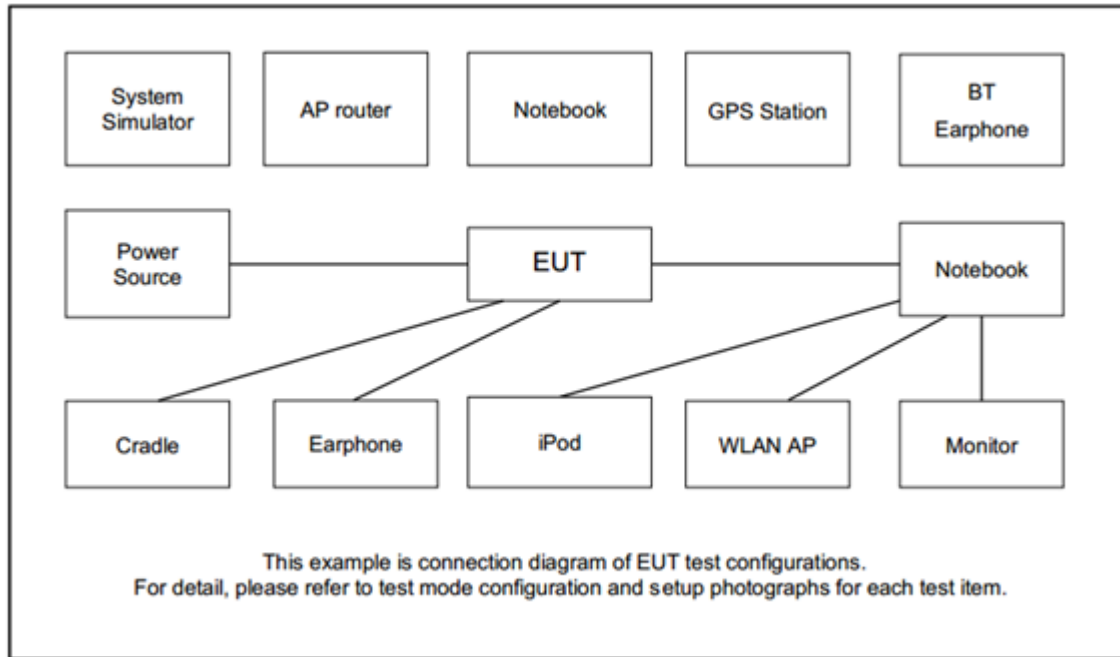
2.1 Test Mode

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.

Test Items	Band	Bandwidth (MHz)				Modulation			RB #			Test Channel		
		5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	M	H
Max. Output Power	48	v	v	v	v	v	v	v	v	v	v	v	v	v
E.I.R.P	48	v	v	v	v	v	v	v	Max. Power					
Radiated Spurious Emission	48				v	v			v			v	v	v
Remark	<ol style="list-style-type: none"> The mark "v " means that this configuration is chosen for testing The mark "-" means that this bandwidth is not supported. 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. All the radiated test cases were performed with Adapter 3 and SKU B. 													

2.2 Connection Diagram of Test System



2.3 Support Unit used in test configuration

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

2.4 Frequency List of Low/Middle/High Channels

LTE Band 48 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
20	Channel	55340	55990	56640
	Frequency	3560.0	3625.0	3690.0
15	Channel	55315	55990	56665
	Frequency	3557.5	3625.0	3692.5
10	Channel	55290	55990	56690
	Frequency	3555.0	3625.0	3695.0
5	Channel	55265	55990	56715
	Frequency	3552.5	3625.0	3697.5

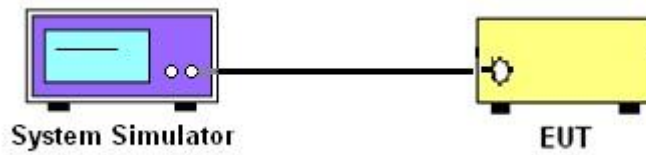
3 Conducted Test Items

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

3.2.1 Description of the Conducted Output Power 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.

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.



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,

$EIRP = P_T + G_T - LC$, where

P_T = transmitter output power in dBm

G_T = 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.

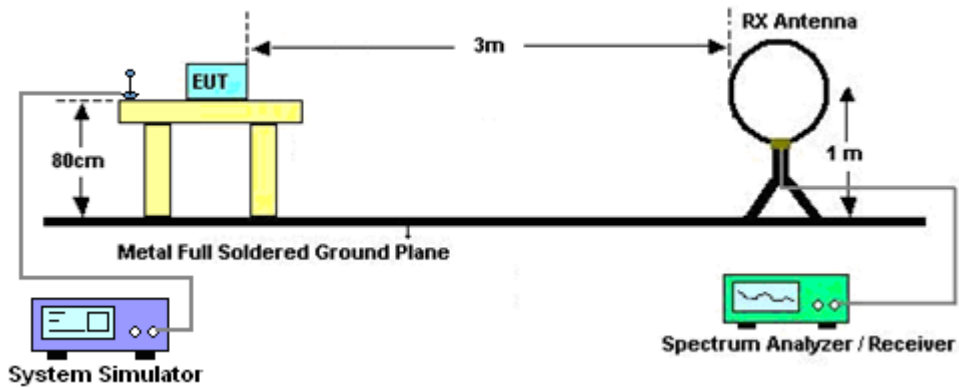
4 Radiated Test Items

4.1 Measuring Instruments

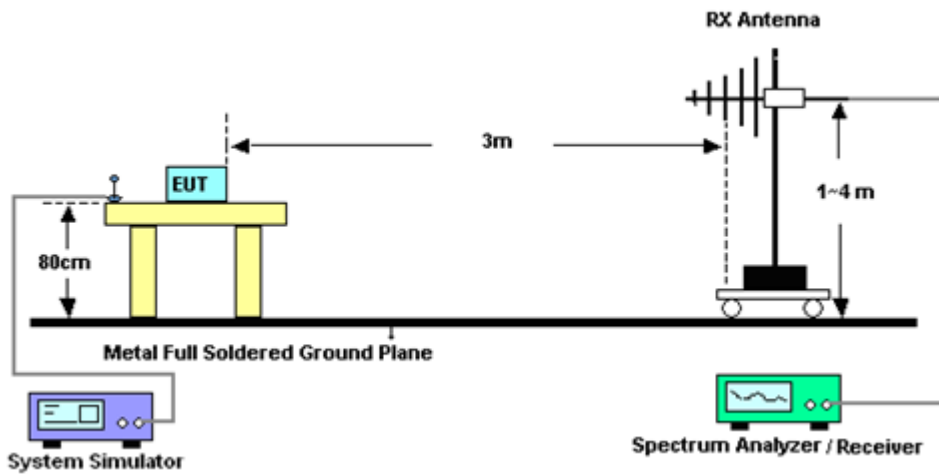
See list of measuring instruments of this test report.

4.2 Test Setup

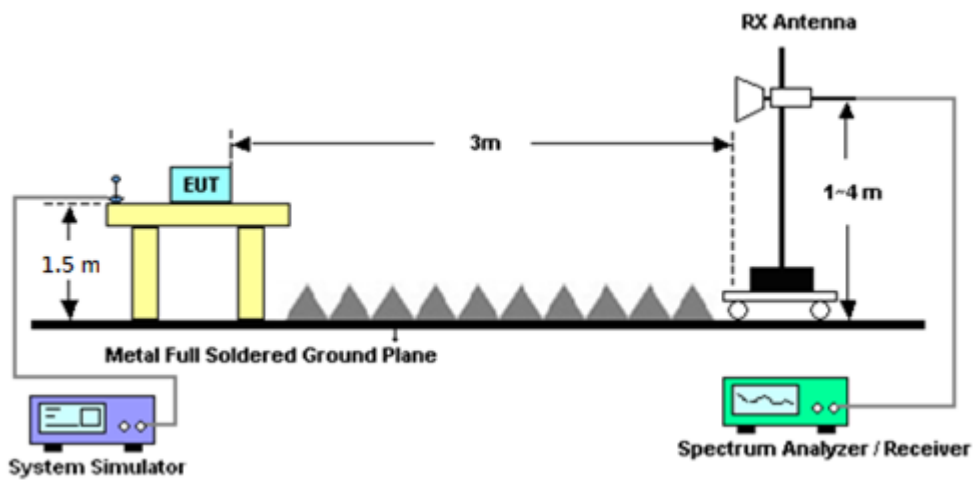
For radiated emissions below 30MHz



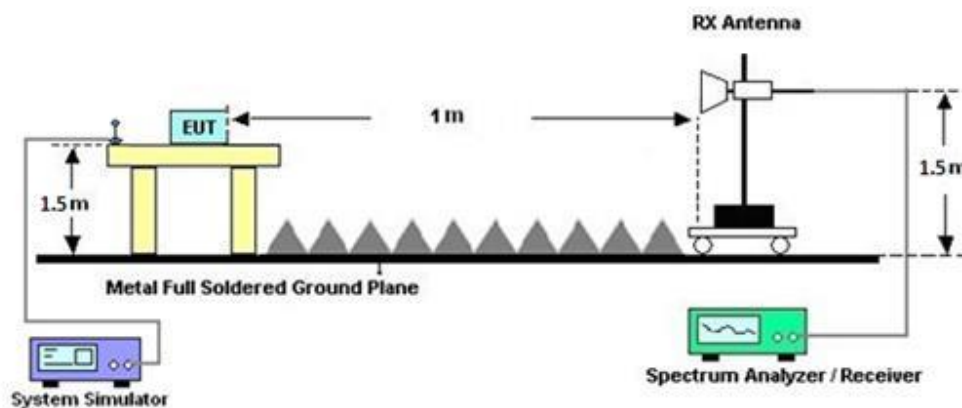
For radiated emissions from 30MHz to 1GHz



For radiated test from 1GHz to 18GHz



For radiated test 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 Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA-603-E. 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 / TIA-603-E Section 2.2.12.

1. The EUT was placed on a turntable with 0.8 meter height for frequency below 1GHz and 1.5 meter height 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. A horn antenna was substituted in place of the EUT and was driven by a signal generator. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
$$\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$$
$$\text{ERP (dBm)} = \text{EIRP} - 2.15$$
8. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
The limit line is -40dBm/MHz



5 List of Measuring Equipment

Instrument	Brand Name	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Radio Communication Analyzer	Anritsu	MT8821C	6262025353	LTE FDD/TDD LTE-2CC DLCA/ULCA	Oct. 13, 2022	Sep. 07, 2023~ Sep. 21, 2023	Oct. 12, 2023	Conducted (TH03-HY)
Coupler	Warison	20dB 25W SMA Directional Coupler	#B	1-18GHz	Jan. 06, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jan. 05, 2024	Conducted (TH03-HY)
Spectrum Analyzer	Rohde & Schwarz	FSV40	101905	10Hz~40GHz	Jul. 14, 2023	Sep. 07, 2023~ Sep. 21, 2023	Jul. 13, 2024	Conducted (TH03-HY)
LOOP Antenna	Rohde & Schwarz	HFH2-Z2	100488	9 kHz~30 MHz	Sep. 20, 2022	Sep. 15, 2023~ Sep. 16, 2023	Sep. 19, 2023	Radiation (03CH21-HY)
Bilog Antenna	TESEQ & WOKEN	CBL 6111D & 00802N1D-06	63303 & 001	30MHz~1GHz	Oct. 04, 2022	Sep. 15, 2023~ Sep. 16, 2023	Oct. 03, 2023	Radiation (03CH21-HY)
Double Ridged Guide Horn Antenna	RFSPIN	DRH18-E	LE2C03A18EN	1GHz~18GHz	Jul. 12, 2023	Sep. 15, 2023~ Sep. 16, 2023	Jul. 11, 2024	Radiation (03CH21-HY)
SHF-EHF Horn Antenna	SCHWARZBECK	BBHA 9170	1223	18GHz~40GHz	Jul. 10, 2023	Sep. 15, 2023~ Sep. 16, 2023	Jul. 09, 2024	Radiation (03CH21-HY)
Amplifier	SONOMA	310N	421580	30MHz~1GHz	Jul. 15, 2023	Sep. 15, 2023~ Sep. 16, 2023	Jul. 14, 2024	Radiation (03CH21-HY)
Amplifier	EMEC	EM01G18GA	060876	1GHz~18GHz	Sep. 29, 2022	Sep. 15, 2023~ Sep. 16, 2023	Sep. 28, 2023	Radiation (03CH21-HY)
Preamplifier	EMEC	EM18G40G	060871	18GHz~40GHz	Aug. 30, 2023	Sep. 15, 2023~ Sep. 16, 2023	Aug. 29, 2024	Radiation (03CH21-HY)
Spectrum Analyzer	Keysight	N9010B	MY62170358	10Hz~44GHz	Aug. 28, 2023	Sep. 15, 2023~ Sep. 16, 2023	Aug. 27, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	803951/2	9K~30M	Mar. 07, 2023	Sep. 15, 2023~ Sep. 16, 2023	Mar. 06, 2024	Radiation (03CH21-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	804397/2,8046 12/2,804614/2	30MHz~40GHz	Oct. 25, 2022	Sep. 15, 2023~ Sep. 16, 2023	Oct. 24, 2023	Radiation (03CH21-HY)
Hygrometer	TECPEL	DTM-303A	TP211568	N/A	Nov. 17, 2022	Sep. 15, 2023~ Sep. 16, 2023	Nov. 16, 2023	Radiation (03CH21-HY)
Controller	EMEC	EM 1000	N/A	Control Turn table & Ant Mast	N/A	Sep. 15, 2023~ Sep. 16, 2023	N/A	Radiation (03CH21-HY)
Antenna Mast	EMEC	AM-BS-4500-B	N/A	1~4m	N/A	Sep. 15, 2023~ Sep. 16, 2023	N/A	Radiation (03CH21-HY)
Turn Table	EMEC	TT 2000	N/A	0~360 Degree	N/A	Sep. 15, 2023~ Sep. 16, 2023	N/A	Radiation (03CH21-HY)
Software	Audix	E3 6.2009-8-24	RK-001053	N/A	N/A	Sep. 15, 2023~ Sep. 16, 2023	N/A	Radiation (03CH21-HY)



6 Measurement Uncertainty

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.06 dB
---	---------

Uncertainty of Radiated Emission Measurement (1 GHz ~ 18 GHz)

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.31 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% ($U = 2Uc(y)$)	3.30 dB
---	---------



Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & EIRP)

LTE Band 48 Maximum Average Power [dBm] (GT - LC = -1.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
20	1	0	QPSK	21.30	21.02	21.25	19.32	0.0855
20	1	49		21.17	20.92	21.15		
20	1	99		21.12	20.87	21.07		
20	50	0		21.29	21.04	21.28		
20	50	24		21.30	21.01	21.26		
20	50	50		21.21	20.99	21.20		
20	100	0		21.26	21.03	21.21		
20	1	0	16-QAM	21.25	21.06	21.32	19.34	0.0859
20	1	49		21.28	20.98	21.21		
20	1	99		21.20	20.85	21.12		
20	50	0		20.30	20.05	20.38		
20	50	24		20.27	20.01	20.28		
20	50	50		20.25	19.96	20.21		
20	100	0		20.28	19.99	20.22		
20	1	0	64-QAM	20.22	19.82	20.34	18.36	0.0685
20	1	49		20.14	19.69	20.18		
20	1	99		20.18	19.63	20.16		
20	50	0		19.29	19.04	19.28		
20	50	24		19.28	19.00	19.24		
20	50	50		19.23	18.94	19.21		
20	100	0		19.25	18.90	19.31		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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



LTE Band 48 Maximum Average Power [dBm] (GT - LC = -1.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
15	1	0	QPSK	21.20	20.83	21.10	19.31	0.0853
15	1	37		21.00	20.88	21.08		
15	1	74		20.94	20.73	20.98		
15	36	0		21.29	21.02	21.19		
15	36	20		21.13	20.87	21.13		
15	36	39		21.19	20.97	21.14		
15	75	0		21.07	20.95	21.17		
15	1	0	16-QAM	21.12	20.90	21.29	19.31	0.0853
15	1	37		21.09	20.94	21.07		
15	1	74		21.19	20.70	21.05		
15	36	0		20.15	19.92	20.27		
15	36	20		20.09	19.90	20.09		
15	36	39		20.12	19.85	20.07		
15	75	0		20.16	19.88	20.17		
15	1	0	64-QAM	20.04	19.76	20.24	18.26	0.0670
15	1	37		20.08	19.59	20.09		
15	1	74		20.15	19.43	20.07		
15	36	0		19.11	19.02	19.18		
15	36	20		19.26	18.98	19.09		
15	36	39		19.20	18.85	19.14		
15	75	0		19.18	18.77	19.25		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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



LTE Band 48 Maximum Average Power [dBm] (GT - LC = -1.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
10	1	0	QPSK	21.27	20.89	21.16	19.29	0.0849
10	1	25		21.15	20.73	20.95		
10	1	49		21.09	20.68	21.07		
10	25	0		21.24	20.99	21.18		
10	25	12		21.13	20.83	21.11		
10	25	25		21.12	20.98	21.02		
10	50	0		21.09	21.02	21.10		
10	1	0	16-QAM	21.05	20.92	21.25	19.27	0.0845
10	1	25		21.13	20.92	21.21		
10	1	49		21.00	20.69	20.99		
10	25	0		20.15	19.97	20.36		
10	25	12		20.18	20.01	20.10		
10	25	25		20.16	19.95	20.13		
10	50	0		20.16	19.99	20.06		
10	1	0	64-QAM	20.18	19.74	20.24	18.26	0.0670
10	1	25		20.03	19.66	20.05		
10	1	49		20.08	19.54	20.02		
10	25	0		19.22	18.84	19.25		
10	25	12		19.13	18.97	19.12		
10	25	25		19.23	18.87	19.01		
10	50	0		19.20	18.75	19.31		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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



LTE Band 48 Maximum Average Power [dBm] (GT - LC = -1.98 dB)								
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	EIRP (dBm)	EIRP (W)
5	1	0	QPSK	21.11	20.92	21.15	19.27	0.0845
5	1	12		21.14	20.77	21.05		
5	1	24		21.07	20.80	20.93		
5	12	0		21.11	20.90	21.20		
5	12	7		21.23	20.90	21.25		
5	12	13		21.19	20.91	21.16		
5	25	0		21.12	20.83	21.15		
5	1	0	16-QAM	21.21	21.00	21.23	19.25	0.0841
5	1	12		21.08	20.86	21.10		
5	1	24		21.20	20.80	21.07		
5	12	0		20.12	19.88	20.25		
5	12	7		20.09	19.97	20.17		
5	12	13		20.18	19.86	20.07		
5	25	0		20.25	19.80	20.03		
5	1	0	64-QAM	20.10	19.75	20.34	18.36	0.0685
5	1	12		20.10	19.68	20.13		
5	1	24		20.12	19.52	19.96		
5	12	0		19.23	19.02	19.18		
5	12	7		19.24	18.90	19.19		
5	12	13		19.13	18.94	19.21		
5	25	0		19.15	18.81	19.21		
Limit	EIRP < 23dBm/10MHz			Result			Pass	

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



Appendix B. Test Results of Radiated Test

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7103	-52.86	-40	-12.86	-80.23	-61.98	1.67	10.79	H
	10654	-45.54	-40	-5.54	-73.51	-55.10	2.13	11.68	H
	14205	-51.46	-40	-11.46	-81.95	-61.72	2.40	12.66	H
	21308	-63.31	-40	-23.31	-69.91	-78.86	3.01	18.56	H
	24859	-63.88	-40	-23.88	-75.24	-78.98	3.31	18.41	H
	28410	-62.54	-40	-22.54	-75.32	-78.41	3.53	19.40	H
									H
	7103	-50.33	-40	-10.33	-78.1	-59.45	1.67	10.79	V
	10654	-40.84	-40	-0.84	-68.24	-50.40	2.13	11.68	V
	14205	-51.06	-40	-11.06	-81.76	-61.32	2.40	12.66	V
	21308	-63.54	-40	-23.54	-70.11	-79.09	3.01	18.56	V
	24859	-64.03	-40	-24.03	-75.13	-79.13	3.31	18.41	V
	28410	-62.87	-40	-22.87	-75.45	-78.74	3.53	19.40	V
									V
Middle	7233	-51.13	-40	-11.13	-78.51	-59.94	1.69	10.50	H
	10849	-42.70	-40	-2.70	-70.86	-52.48	2.14	11.92	H
	14465	-51.31	-40	-11.31	-81.51	-61.73	2.45	12.87	H
	18081	-62.70	-40	-22.70	-64.25	-77.60	2.76	17.67	H
	21698	-63.47	-40	-23.47	-71.09	-79.18	3.01	18.72	H
	25314	-63.28	-40	-23.28	-74.98	-78.89	3.38	18.99	H
									H
	7233	-49.69	-40	-9.69	-77.36	-58.50	1.69	10.50	V
	10849	-41.65	-40	-1.65	-69.32	-51.43	2.14	11.92	V
	14465	-51.22	-40	-11.22	-81.72	-61.64	2.45	12.87	V
	18081	-63.09	-40	-23.09	-64.47	-77.99	2.76	17.67	V
	21698	-63.52	-40	-23.52	-71.04	-79.23	3.01	18.72	V
	25314	-63.24	-40	-23.24	-74.75	-78.85	3.38	18.99	V
									V



Highest	7363	-51.04	-40	-11.04	-79.02	-60.26	1.67	10.89	H
	11044	-41.91	-40	-1.91	-70.25	-51.90	2.15	12.14	H
	14725	-50.87	-40	-10.87	-81.33	-61.79	2.48	13.40	H
	18406	-62.62	-40	-22.62	-64.54	-77.38	2.78	17.54	H
	22088	-62.58	-40	-22.58	-71.12	-78.38	3.03	18.83	H
	25769	-63.06	-40	-23.06	-75.21	-79.04	3.36	19.35	H
									H
	7363	-52.14	-40	-12.14	-80.31	-61.36	1.67	10.89	V
	11044	-41.80	-40	-1.80	-69.69	-51.79	2.15	12.14	V
	14725	-50.57	-40	-10.57	-81.03	-61.49	2.48	13.40	V
	18406	-62.98	-40	-22.98	-64.71	-77.74	2.78	17.54	V
	22088	-62.83	-40	-22.83	-71.12	-78.63	3.03	18.83	V
	25769	-63.18	-40	-23.18	-75.11	-79.16	3.36	19.35	V
									V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.