



FCC RF Test Report

APPLICANT : Ericsson Enterprise Wireless Solutions, Inc.
EQUIPMENT : 5G Sub-6 GHz LGA Module
BRAND NAME : Ericsson
MODEL NAME : RG650V-NA
FCC ID : UXX-2024RG650VNA
STANDARD : 47 CFR Part 90(S)
CLASSIFICATION : PCS Licensed Transmitter (PCB)
TEST DATE(S) : Dec. 22, 2024 ~ Jan. 24, 2025

We, Sporton International Inc. (ShenZhen), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. (ShenZhen), the test report shall not be reproduced except in full.

Jason Jia

Approved by: Jason Jia



Sporton International Inc. (ShenZhen)

1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055

People's Republic of China



TABLE OF CONTENTS

REVISION HISTORY.....	3
SUMMARY OF TEST RESULT	4
1 GENERAL DESCRIPTION	5
1.1 Applicant.....	5
1.2 Manufacturer	5
1.3 Feature of Equipment Under Test.....	5
1.4 Product Specification of Equipment Under Test	5
1.5 Modification of EUT	5
1.6 Maximum Conducted Power	6
1.7 Testing Site.....	6
1.8 Test Software	7
1.9 Applied Standards	7
2 TEST CONFIGURATION OF EQUIPMENT UNDER TEST	8
2.1 Test Mode.....	8
2.2 Connection Diagram of Test System	8
2.3 Support Unit used in test configuration and system	9
2.4 Frequency List of Low/Middle/High Channels	9
3 TEST RESULT	10
3.1 Conducted Output Power Measurement.....	10
3.2 Field Strength of Spurious Radiation Measurement	11
4 LIST OF MEASURING EQUIPMENT	14
5 MEASUREMENT UNCERTAINTY	15
APPENDIX A. TEST RESULTS OF CONDUCTED TEST	
APPENDIX B. TEST RESULTS OF RADIATED TEST	
APPENDIX C. TEST SETUP PHOTOGRAPHS	



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG4D0656C	Rev. 01	Initial issue of report	Feb. 17, 2025

SUMMARY OF TEST RESULT

Report Section	FCC Rule	Description	Limit	Result	Remark
3.1	§2.1046	Conducted Output Power	—	PASS	-
3.2	§2.1053 §90.691	Field Strength of Spurious Radiation	$< 43 + 10 \log_{10}(P[\text{Watts}])$	PASS	Under limit 48.14 dB at 2451.75 MHz

Remark : This report by changing module trace design and adding Antenna.

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/manufacture 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.



1 General Description

1.1 Applicant

Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702

1.2 Manufacturer

Ericsson Enterprise Wireless Solutions, Inc.
1100 W. Idaho St. Boise, ID 83702

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	5G Sub-6 GHz LGA Module
Brand Name	Ericsson
Model Name	RG650V-NA
FCC ID	UXX-2024RG650VNA
IMEI Code	Conducted: 357214899990622 Radiation: 866838070003881
HW Version	RG650V-NA
SW Version	RG650VNA01AAR01A04G8G
EUT Stage	Production Unit

Remark: The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

1.4 Product Specification of Equipment Under Test

Product Specification subjective to this standard	
Tx Frequency	814 ~ 824 MHz
Rx Frequency	859 ~ 869 MHz
Bandwidth	1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz
Maximum Output Power to Antenna	22.92 dBm
Antenna Gain	<Ant.1>: 3.22 dBi
Antenna Type	Dipole Antenna
Type of Modulation	QPSK / 16QAM / 64QAM / 256QAM

1.5 Modification of EUT

No modifications are made to the EUT during all test items.

1.6 Maximum Conducted Power

LTE Band 26		QPSK	16QAM/64QAM/256QAM
BW (MHz)	Frequency Range (MHz)	Maximum Conducted power (W)	Maximum Conducted power (W)
1.4	814.7 ~ 823.3	0.1919	0.1675
3	815.5 ~ 822.5	0.1928	0.1683
5	816.5 ~ 821.5	0.1928	0.1675
10	819.0	0.1950	0.1694
15	824	0.1959	0.1660

Note: All modulations have been tested, and only the worst test results of PSK & QAM are shown in the report.

1.7 Testing Site

Sporton International Inc. (ShenZhen) is accredited to ISO/IEC 17025:2017 by American Association for Laboratory Accreditation with Certificate Number 5145.01.

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	1/F, 2/F, Bldg 5, Shiling Industrial Zone, Xinwei Village, Xili, Nanshan, Shenzhen, 518055 People's Republic of China TEL: +86-755-86379589 FAX: +86-755-86379595		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	TH01-SZ	CN1256	421272

Test Firm	Sporton International Inc. (ShenZhen)		
Test Site Location	101, 1st Floor, Block B, Building 1, No. 2, Tengfeng 4th Road, Fenghuang Community, Fuyong Street, Baoan District, Shenzhen City, Guangdong Province 518103 People's Republic of China TEL: +86-755-86066985		
Test Site No.	Sporton Site No.	FCC Designation No.	FCC Test Firm Registration No.
	03CH02-SZ	CN1256	421272



1.8 Test Software

Item	Site	Manufacture	Name	Version
1.	03CH02-SZ	AUDIX	E3	6.2009-8-24a

1.9 Applied Standards

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

- ♦ 47 CFR 90(S)
- ♦ ANSI C63.26-2015
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v03r01
- ♦ FCC KDB 971168 D02 Misc Rev Approv License Devices v02r02

Remark: All test items were verified and recorded according to the standards and without any deviation during the test.

2 Test Configuration of Equipment Under Test

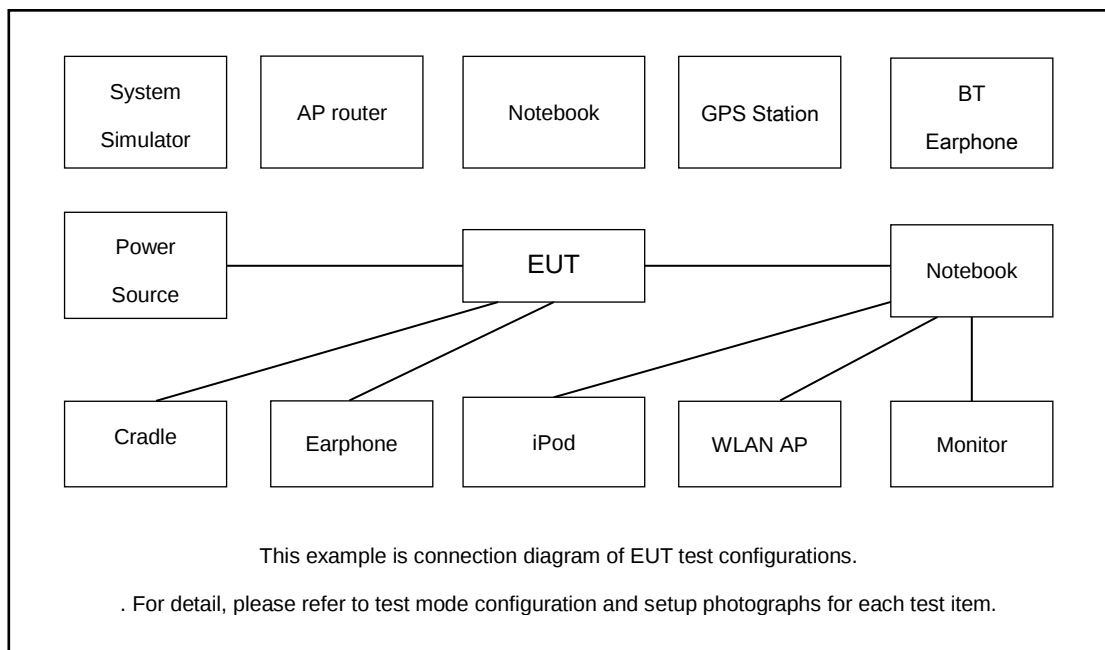
2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Frequency range investigated for radiated emission is 30 MHz to 9000 MHz.

Test Items	Band	Bandwidth (MHz)						Modulation				RB #			Test Channel		
		1.4	3	5	10	15	20	QPSK	16 QAM	64 QAM	256 QAM	1	Half	Full	L	M	H
Max. Output Power	26	v	v	v	v	v	-	v	v	v	v	v	v	v	v	v	v
Radiated Spurious Emission	26	Worse case													v	v	v
Note	1. The mark “v” means that this configuration is chosen for testing 2. The mark “-” means that this bandwidth is not supported. 3. LTE Band26 transmit frequency for part22 rule is 824MHz-849MHz, for part90 rule is 814MHz-824MHz. ERP over 15MHz bandwidth complies the ERP limit line of part22 rule, therefore ERP of the partial frequency spectrum which falls within part 22 also complies.																

2.2 Connection Diagram of Test System





2.3 Support Unit used in test configuration and system

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	Base Station	Anritsu	MT8821C	Fcc DoC	N/A	Shielded, 1.5m

2.4 Frequency List of Low/Middle/High Channels

LTE Band 26 Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	Lowest	Middle	Highest
10	Channel	-	26740	-
	Frequency	-	819	-
5	Channel	26715	26740	26765
	Frequency	816.5	819	821.5
3	Channel	26705	26740	26775
	Frequency	815.5	819	822.5
1.4	Channel	26697	26740	26783
	Frequency	814.7	819	823.3

LTE Band 26 Cross-rule Channel and Frequency List				
BW [MHz]	Channel/Frequency(MHz)	-	Middle	-
15	Channel	-	26790	-
	Frequency	-	824	-
10	Channel	-	26790	-
	Frequency	-	824	-
5	Channel	-	26790	-
	Frequency	-	824	-
3	Channel	-	26790	-
	Frequency	-	824	-
1.4	Channel	-	26790	-
	Frequency	-	824	-

3 Test Result

3.1 Conducted Output Power Measurement

3.1.1 Description of the Conducted Output Power Measurement

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

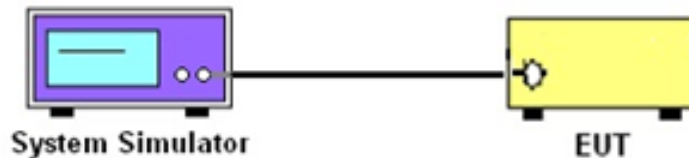
3.1.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.1.3 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.

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

Please refer to Appendix A.



3.2 Field Strength of Spurious Radiation Measurement

3.2.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI C63.26. The power of any emission FCC Part 90.691 on any frequency removed from the assigned frequency by more than 250 percent of the authorized bandwidth at least $43 + 10 \log (P)$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

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 $43 + 10 \log_{10}(P[\text{Watts}])$ dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.

3.2.2 Measuring Instruments

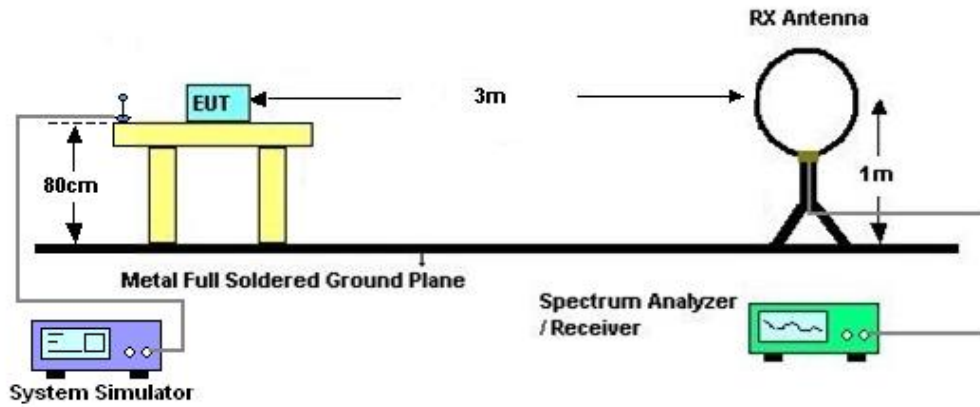
The measuring equipment is listed in the section 4 of this test report.

3.2.3 Test Procedures

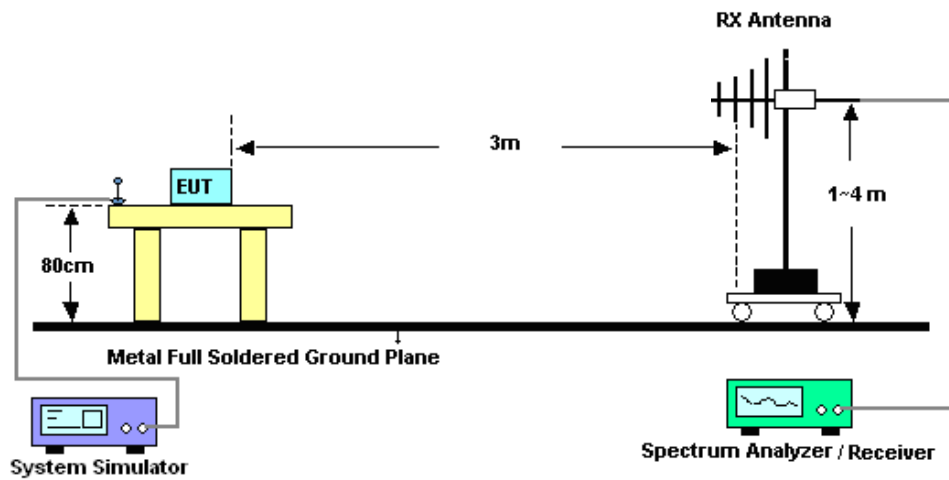
1. The EUT was placed on a turntable with 0.8 meter for frequency below 1GHz and 1.5 meter for frequency above 1GHz respectively above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position 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, Sweep = 500ms, Taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. $\text{EIRP (dBm)} = \text{S.G. Power} - \text{Tx Cable Loss} + \text{Tx Antenna Gain}$
11. $\text{ERP (dBm)} = \text{EIRP} - 2.15$
12. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
13. The limit line is derived from $43 + 10 \log(P)$ dB below the transmitter power P(Watts)

3.2.4 Test Setup

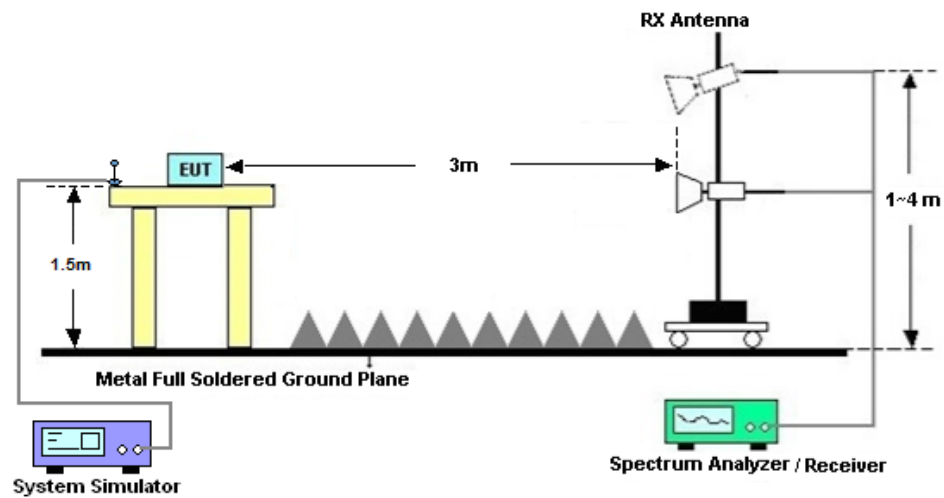
For radiated test from 30MHz



For radiated test from 30MHz to 1GHz



For radiated test above 1GHz



3.2.5 Test Result of Field Strength of Spurious Radiated

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.

Please refer to Appendix B.



4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSV40	101078	10Hz~40GHz	Apr. 09, 2024	Jan. 24, 2025	Apr. 08, 2025	Conducted (TH01-SZ)
DC Power Supply	TTI	PL330P	290070	Max 32V , 3A	Oct. 14, 2024	Jan. 24, 2025	Oct. 13, 2025	Conducted (TH01-SZ)
Power Divider	Titan	P02N005180	923402	0.4GHz~26.5GHz	Nov. 08, 2024	Jan. 24, 2025	Nov. 07, 2025	Conducted (TH01-SZ)
EXA Spectrum Analyzer	KEYSIGHT	N9010A	MY55150213	10Hz~44GHz	Jul. 03, 2024	Dec. 22, 2024	Jul. 02, 2025	Radiation (03CH02-SZ)
Loop Antenna	R&S	HFH2-Z2E	101141	9kHz~30MHz	Dec. 29, 2023	Dec. 22, 2024	Dec. 28, 2024	Radiation (03CH02-SZ)
Bilog Antenna	TeseQ	CBL6112D	35407	30MHz~2GHz	Oct. 24, 2023	Dec. 22, 2024	Oct. 23, 2025	Radiation (03CH02-SZ)
Double Ridge Horn Antenna	ETS-Lindgren	3117	00119436	1GHz~18GHz	Jul. 04, 2024	Dec. 22, 2024	Jul. 04, 2025	Radiation (03CH02-SZ)
HF Amplifier	MITEQ	TTA1840-35-HG	1871923	18GHz~40GHz	Jul. 03, 2024	Dec. 22, 2024	Jul. 03, 2025	Radiation (03CH02-SZ)
SHF-EHF Horn	com-power	AH-840	101071	18GHz~40GHz	Apr. 09, 2024	Dec. 22, 2024	Apr. 08, 2025	Radiation (03CH02-SZ)
LF Amplifier	Burgeon	BPA-530	102211	0.01~3000Mhz	Oct. 18, 2024	Dec. 22, 2024	Oct. 17, 2025	Radiation (03CH02-SZ)
HF Amplifier	KEYSIGHT	83017A	MY53270105	0.5GHz~26.5GHz	Oct. 14, 2024	Dec. 22, 2024	Oct. 13, 2025	Radiation (03CH02-SZ)
AC Power Source	Chroma	61601	616010003043	N/A	Oct. 18, 2024	Dec. 22, 2024	Oct. 17, 2025	Radiation (03CH02-SZ)
Turn Table	Chaintek	T-200	N/A	0~360 degree	NCR	Dec. 22, 2024	NCR	Radiation (03CH02-SZ)
Antenna Mast	Chaintek	MBS-400	N/A	1 m~4 m	NCR	Dec. 22, 2024	NCR	Radiation (03CH02-SZ)

NCR: No Calibration Required

5 Measurement Uncertainty

The measurement uncertainties shown below were calculated in accordance with the requirements of ANSI 63.26-2015. All the measurement uncertainty value were shown with a coverage K=2 to indicate 95% level of confidence. The measurement data show herein meets or exceeds the CISPR measurement uncertainty values specified in CISPR 16-4-2 and can be compared directly to specified limit to determine compliance.

Uncertainty of Conducted Measurement

Test Item	Uncertainty
Conducted Power	±1.34 dB

Uncertainty of Radiated Emission Measurement (9 KHz ~ 30 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47 dB
---	---------

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

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.47 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))	3.72 dB
---	---------

----- THE END -----



Appendix A. Test Results of Conducted Test

Test Engineer :	Eason Wu	Temperature :	22~23°C
		Relative Humidity :	40~42%

Conducted Output Power (Average power)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				26790		
Frequency (MHz)				824		
15	QPSK	1	0	22.92		
15	QPSK	1	37	22.88		
15	QPSK	1	74	22.79		
15	QPSK	36	0	21.90		
15	QPSK	36	20	21.85		
15	QPSK	36	39	21.87		
15	QPSK	75	0	21.88		
15	16QAM	1	0	22.20		
15	16QAM	1	37	22.17		
15	16QAM	1	74	22.06		
15	16QAM	36	0	20.84		
15	16QAM	36	20	20.94		
15	16QAM	36	39	20.94		
15	16QAM	75	0	20.92		
15	64QAM	1	0	21.13		
15	64QAM	1	37	21.09		
15	64QAM	1	74	21.12		
15	64QAM	36	0	19.83		
15	64QAM	36	20	19.94		
15	64QAM	36	39	19.93		
15	64QAM	75	0	19.92		
15	256QAM	1	0	18.12		
15	256QAM	1	37	18.13		
15	256QAM	1	74	18.25		
15	256QAM	36	0	18.16		
15	256QAM	36	20	18.16		
15	256QAM	36	39	18.13		
15	256QAM	75	0	18.09		
Channel					26740	
Frequency (MHz)					819	
10	QPSK	1	0		22.82	
10	QPSK	1	25		22.90	
10	QPSK	1	49		22.84	



10	QPSK	25	0		21.88	
10	QPSK	25	12		22.01	
10	QPSK	25	25		21.98	
10	QPSK	50	0		21.92	
10	16QAM	1	0		22.28	
10	16QAM	1	25		22.29	
10	16QAM	1	49		22.07	
10	16QAM	25	0		20.91	
10	16QAM	25	12		20.97	
10	16QAM	25	25		21.01	
10	16QAM	50	0		20.98	
10	64QAM	1	0		21.19	
10	64QAM	1	25		21.29	
10	64QAM	1	49		20.99	
10	64QAM	25	0		19.92	
10	64QAM	25	12		20.02	
10	64QAM	25	25		19.96	
10	64QAM	50	0		19.95	
10	256QAM	1	0		18.10	
10	256QAM	1	25		18.15	
10	256QAM	1	49		18.08	
10	256QAM	25	0		18.12	
10	256QAM	25	12		18.05	
10	256QAM	25	25		18.09	
10	256QAM	50	0		18.14	
Channel				26715	26740	26765
Frequency (MHz)				816.5	819	821.5
5	QPSK	1	0	22.67	22.74	22.71
5	QPSK	1	12	22.78	22.82	22.85
5	QPSK	1	24	22.76	22.78	22.70
5	QPSK	12	0	21.80	21.73	21.77
5	QPSK	12	7	21.96	21.90	21.86
5	QPSK	12	13	21.91	21.85	21.87
5	QPSK	25	0	21.77	21.87	21.82
5	16QAM	1	0	22.16	22.22	22.24
5	16QAM	1	12	22.24	22.24	22.17
5	16QAM	1	24	21.93	21.98	22.05
5	16QAM	12	0	20.82	20.86	20.86
5	16QAM	12	7	20.85	20.91	20.95
5	16QAM	12	13	20.95	20.93	20.92
5	16QAM	25	0	20.89	20.93	20.91
5	64QAM	1	0	21.05	21.18	21.16
5	64QAM	1	12	21.20	21.27	21.15
5	64QAM	1	24	20.93	20.94	20.87
5	64QAM	12	0	19.86	19.80	19.85
5	64QAM	12	7	19.92	20.00	19.94
5	64QAM	12	13	19.81	19.95	19.84



5	64QAM	25	0	19.81	19.87	19.86
5	256QAM	1	0	18.04	18.04	17.99
5	256QAM	1	12	18.13	18.01	18.06
5	256QAM	1	24	17.98	17.95	17.95
5	256QAM	12	0	18.10	18.10	17.98
5	256QAM	12	7	18.04	18.01	18.00
5	256QAM	12	13	17.94	18.01	18.08
5	256QAM	25	0	18.06	18.11	18.12
Channel				26705	26740	26775
Frequency (MHz)				815.5	819	822.5
3	QPSK	1	0	22.72	22.71	22.80
3	QPSK	1	8	22.82	22.85	22.82
3	QPSK	1	14	22.74	22.73	22.69
3	QPSK	8	0	21.85	21.84	21.73
3	QPSK	8	4	21.98	21.95	21.98
3	QPSK	8	7	21.95	21.86	21.91
3	QPSK	15	0	21.85	21.88	21.88
3	16QAM	1	0	22.26	22.18	22.15
3	16QAM	1	8	22.15	22.18	22.26
3	16QAM	1	14	21.98	22.06	21.99
3	16QAM	8	0	20.89	20.82	20.78
3	16QAM	8	4	20.85	20.83	20.94
3	16QAM	8	7	20.88	20.89	20.88
3	16QAM	15	0	20.89	20.87	20.93
3	64QAM	1	0	21.08	21.14	21.09
3	64QAM	1	8	21.24	21.17	21.26
3	64QAM	1	14	20.96	20.92	20.91
3	64QAM	8	0	19.77	19.86	19.89
3	64QAM	8	4	20.00	19.87	19.90
3	64QAM	8	7	19.84	19.92	19.82
3	64QAM	15	0	19.92	19.86	19.85
3	256QAM	1	0	18.05	18.04	17.99
3	256QAM	1	8	18.05	18.09	18.00
3	256QAM	1	14	17.94	18.01	18.02
3	256QAM	8	0	17.97	18.10	17.97
3	256QAM	8	4	17.98	18.03	17.95
3	256QAM	8	7	17.97	17.98	18.07
3	256QAM	15	0	17.99	18.07	18.06
Channel				26697	26740	26783
Frequency (MHz)				814.7	819	823.3
1.4	QPSK	1	0	22.72	22.75	22.76
1.4	QPSK	1	3	22.83	22.82	22.80
1.4	QPSK	1	5	22.80	22.76	22.74
1.4	QPSK	3	0	22.70	22.82	22.77
1.4	QPSK	3	1	22.78	22.71	22.76
1.4	QPSK	3	3	22.71	22.74	22.63
1.4	QPSK	6	0	21.84	21.81	21.80



1.4	16QAM	1	0	22.23	22.24	22.22
1.4	16QAM	1	3	22.19	22.21	22.24
1.4	16QAM	1	5	21.98	21.95	21.92
1.4	16QAM	3	0	22.23	22.13	22.11
1.4	16QAM	3	1	22.18	22.15	22.00
1.4	16QAM	3	3	21.94	21.99	22.00
1.4	16QAM	6	0	20.97	20.84	20.87
1.4	64QAM	1	0	21.16	21.14	21.12
1.4	64QAM	1	3	21.27	21.18	21.24
1.4	64QAM	1	5	20.97	20.90	20.98
1.4	64QAM	3	0	21.08	20.97	21.09
1.4	64QAM	3	1	21.18	21.01	20.87
1.4	64QAM	3	3	20.86	20.90	21.03
1.4	64QAM	6	0	19.80	19.94	19.89
1.4	256QAM	1	0	18.05	17.98	17.98
1.4	256QAM	1	3	18.06	18.05	18.03
1.4	256QAM	1	5	18.00	17.96	17.97
1.4	256QAM	3	0	18.05	18.04	18.10
1.4	256QAM	3	1	17.99	18.04	18.00
1.4	256QAM	3	3	18.04	17.97	17.95
1.4	256QAM	6	0	17.99	18.00	18.12



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	PingZhou Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 26 / 5MHz / QPSK / Ant. 1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1628.5	-65.03	-13	-52.03	-74.91	-68.26	3.98	9.36	H
	2442.75	-63.04	-13	-50.04	-77.58	-66.59	4.85	10.55	H
	3257	-61.65	-13	-48.65	-78.49	-66.58	5.50	12.58	H
	1628.5	-65.34	-13	-52.34	-75.12	-68.57	3.98	9.36	V
	2442.75	-62.74	-13	-49.74	-77.26	-66.29	4.85	10.55	V
	3257	-61.67	-13	-48.67	-78.37	-66.60	5.50	12.58	V
Middle	1633.5	-66.20	-13	-53.20	-76.09	-69.45	4.00	9.40	H
	2450.25	-62.62	-13	-49.62	-77.17	-66.19	4.88	10.60	H
	3267	-61.32	-13	-48.32	-78.16	-66.25	5.52	12.60	H
	1633.5	-65.59	-13	-52.59	-75.38	-68.84	4.00	9.40	V
	2450.25	-61.91	-13	-48.91	-76.44	-65.48	4.88	10.60	V
	3267	-62.05	-13	-49.05	-78.75	-66.98	5.52	12.60	V
Highest	1638.5	-66.39	-13	-53.39	-76.30	-69.56	4.10	9.42	H
	2457.75	-62.77	-13	-49.77	-77.28	-66.35	4.90	10.63	H
	3277	-61.56	-13	-48.56	-78.23	-66.48	5.55	12.62	H
	1638.5	-66.27	-13	-53.27	-75.92	-69.44	4.10	9.42	V
	2457.75	-62.35	-13	-49.35	-76.83	-65.93	4.90	10.63	V
	3277	-61.58	-13	-48.58	-78.08	-66.50	5.55	12.62	V

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

LTE Band 26 / 10MHz / QPSK / Ant. 1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1629	-65.84	-13	-52.84	-75.72	-69.09	4.00	9.40	H
	2443.5	-63.22	-13	-50.22	-77.76	-66.79	4.88	10.60	H
	3258	-61.51	-13	-48.51	-78.35	-66.44	5.52	12.60	H
	1629	-65.84	-13	-52.84	-75.62	-69.09	4.00	9.40	V
	2443.5	-63.08	-13	-50.08	-77.60	-66.65	4.88	10.60	V
	3258	-61.50	-13	-48.50	-78.20	-66.43	5.52	12.60	V

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



LTE Band 26 / 15MHz / QPSK / Ant. 1									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1634.5	-66.01	-13	-53.01	-75.90	-69.26	4.00	9.40	H
	2451.75	-62.33	-13	-49.33	-76.88	-65.90	4.88	10.60	H
	3269	-61.90	-13	-48.90	-78.74	-66.83	5.52	12.60	H
	1634.5	-65.55	-13	-52.55	-75.34	-68.80	4.00	9.40	V
	2451.75	-61.14	-13	-48.14	-75.67	-64.71	4.88	10.60	V
	3269	-61.88	-13	-48.88	-78.58	-66.81	5.52	12.60	V

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