



FCC RADIO TEST REPORT

FCC ID	: P4Q-N672B
Equipment	: LTE Module
Brand Name	: MITAC,MIO, Magellen,Teletrac Navman
Model Name	: SC600T-NA
Applicant	: Mitac Digital Technology Corp. 4F., NO. 1, R&D Road 2, Hsinchu Science Park, 30076 Hsinchu,TAIWAN, R.O.C.
Manufacturer	: Mitac Digital Technology Corp. 4F., NO. 1, R&D Road 2, Hsinchu Science Park, 30076 Hsinchu,TAIWAN, R.O.C.
Standard	: FCC 47 CFR Part 2, 90(R)

The product was received on May 30, 2022 and testing was performed from Jun. 23, 2022 to Jun. 24, 2022. 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 variant report apply exclusively to the tested model / sample. Without written approval of Sporton International Inc. EMC & Wireless Communications Laboratory, the test report shall not be reproduced except in full.

Lunis Win

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	Issued Date
FG0O0714-06C	01	Initial issue of report	Jul. 21, 2022
FG0O0714-06C	02	Revise Summary of Test Result, Product Feature of Equipment Under Test and Test Mode remark	Jul. 27, 2022



Summary	of	Test	Result
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Report Clause	Ref Std. Clause	Test Items	Result (PASS/FAIL)	Remark
2.0	§2.1046	Conducted Output Power	Reporting only	-
3.2	§90.542 (a)(7)	Effective Radiated Power	Pass	-
-	-	Peak-to-Average Ratio	Not Required	-
-	§2.1049	Occupied Bandwidth	Not Required	-
-	§2.1053 §90.543 (e)(2)	Conducted Band Edge Measurement	Not Required	-
-	§2.1051 §90.210 (n)	Emission Mask	Not Required	-
-	§2.1053 §90.543 (e)(3)	Conducted Spurious Emission	Not Required	-
-	§2.1055 §90.539 (e)	Frequency Stability Temperature & Voltage	Not Required	-
4.2	§2.1053 §90.543 (e)(3) §90.543 (f)	Radiated Spurious Emission	Pass	Under limit 15.63 dB at 1584.000 MHz

Note:

1. Not required means after assessing, test items are not necessary to carry out.

 This is a variant report by adding SKU. All the test cases were performed on original report which can be referred to Sporton Report Number FG0D1806C. Based on the original report, the test cases were verified.

Declaration of Conformity:

- The test results (PASS/FAIL) with all measurement uncertainty excluded are presented in accordance with the regulation limits or requirements declared by manufacturers. It's means measurement values may risk exceeding the limit of regulation standards, if measurement uncertainty is include in test results.
- 2. The measurement uncertainty please refer to this report "Uncertainty of Evaluation".

Comments and Explanations:

The declared of product specification for EUT presented in the report are provided by the manufacturer, and the manufacturer takes all the responsibilities for the accuracy of product specification.

Reviewed by: Yun Huang Report Producer: Josie Hsu



1 General Description

1.1 Product Feature of Equipment Under Test

WCDMA/LTE, Bluetooth, Wi-Fi 2.4GHz 802.11b/g/n, Wi-Fi 5GHz 802.11a/n/ac, and GNSS.

Product Feature					
Sample 1	EUT with Host 1				
Sample 2	EUT with Host 2				
Sample 3	EUT with Host 3				
Sample 4	EUT with Host 4				
	WWAN: PIFA Antenna				
Antonno Tyrno	WLAN: PIFA Antenna				
Antenna Type	Bluetooth: PIFA Antenna				
	GPS / Glonass : Patch Antenna				
Antenna Gain	LTE Band 14 : -5.3 dBi				

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

The product was installed into Tablet (Brand Name: MITAC,MIO, Magellen,Teletrac Navman, Model Name: N672B) during test, and the host information was recorded in the following table.

Host Information					
Host 1 Host with SKU A					
Host 2 Host with SKU B					
Host 3 Host with SKU E					
Host 4	Host with SKU F				

Sample Information											
Functions	Functions SKU A SKU B										
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)									
CPU	SD625 octa core 2.0GHz	SD625 octa core 2.0GHz									
Battery	4110mAh (hard pack)	4110mAh (hard pack)									
RAM	3GB	3GB									
Storage	32GB	32GB									
External storage	Support	Support									
WWAN + WLAN Module	Support (SC600T-NA)	Support (SC600T-NA)									
NFC/RFID(HF)	Support	Support									
GPS	Support	Support									
Barcode	Support(N6603)	Support(N3601)									



Functions	SKU C	SKU D		
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)		
CPU	SD625 octa core 2.0GHz	SD625 octa core 2.0GHz		
Battery	4110mAh (hard pack)	4110mAh (hard pack)		
RAM	2GB	2GB		
Storage	16GB	16GB		
External storage	Support	Support		
WWAN + WLAN Module	Support (SC600T-NA)	Support (SC600T-NA)		
NFC/RFID(HF)	Support	Support		
GPS	Support	Support		
Barcode	Support(N6603)	Support(N3601)		
Functions	SKU E	SKU F		
Functions Screen		SKU F 5" 720x1280 (HD), IPS, 350nits (w/ touch)		
Screen	5" 720x1280 (HD), IPS, 350nits (w/ touch)	5" 720x1280 (HD), IPS, 350nits (w/ touch)		
Screen CPU	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz		
Screen CPU Battery	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack),	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack),		
Screen CPU Battery RAM	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB		
Screen CPU Battery RAM Storage	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB		
Screen CPU Battery RAM Storage External storage	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB Support	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB Support		
Screen CPU Battery RAM Storage External storage WWAN + WLAN Module	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB Support Support (SC600T-NA)	5" 720x1280 (HD), IPS, 350nits (w/ touch) SD625 octa core 2.0GHz 4110mAh (hard pack), 3GB 32GB Support Support (SC600T-NA)		



1.2 Modification of EUT

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

1.3 Testing Site

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.	Sporton Site No.				
Test Sile NO.	03CH07-HY	TH03-HY				
Test Engineer	Stan Hsieh and Ken Wu HaoEn Zhang					
Temperature (°C)	24.3 ~29.5 21.6~23.5 ℃					
Relative Humidity (%)	57.4~63.7	52.4~53.8 %				

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

FCC Designation No.: TW1190

1.4 Applied 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, Part 90(R)
- ANSI / TIA-603-E
- 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 test items were verified and recorded according to the standards and without any deviation during the test.
- 2. The TAF code is not including all the FCC KDB listed without accreditation.



2 Test Configuration of Equipment Under Test

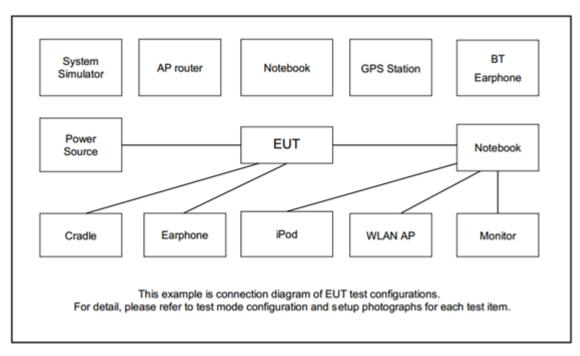
2.1 Test Mode

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, pre-scanned in three orthogonal panels, X, Y, Z. The worst cases (X plane) were recorded in this report.

Conducted	Dand	Bandwidth (MHz)				Bandwidth (MHz) M		Modulatio	n	RB # Test Channe			Test Channel			
Test Cases	Band	1.4	3	5	10	15	20	QPSK	16QAM	64QAM	1	Half	Full	L	Μ	Н
Max.																
Output	14	-	-	v	v	-	-	v	v	v	v	v	v	v	v	v
Power																
E.R.P	14			v	v			v	v	v	Max. Power					
Radiated																
Spurious	14	-	-	v		-	-	v			v			v	v	v
Emission																
	1. The	mark "v	v " me	ans tha	at this	configu	uration	is chosen	for testing							
	2. The I	mark "-	" mea	ns tha	t this b	andwid	dth is r	not support	ed.							
Remark	3. The	device	is inve	estigate	ed fron	n 30MI	Hz to 1	0 times of	fundament	tal signal fo	or radia	ated sp	ourious	s emis	sion te	⊧st
Rellark	unde	r differ	ent RE	3 size/	offset a	and mo	odulatio	ons in expl	oratory test	t. Subsequ	ently, o	only th	e wors	st case	emise	sions
	are r	eporte	d.													
	4. All th	e radia	ated te	st case	es wer	e perfo	ormed	with Samp	le 4							

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.	iPhone Earphone	Apple	N/A	Verification	Unshielded, 1.0 m	N/A

2.4 Frequency List of Low/Middle/High Channels

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					



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 and ERP

3.2.1 Description of the Conducted Output Power Measurement and ERP 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.

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

According to KDB 412172 D01 Power Approach,

 $EIRP = P_T + G_T - L_C$, ERP = EIRP - 2.15, where

P_T = transmitter output power in dBm

G_T = gain of the transmitting antenna in dBi

 L_c = 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 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.



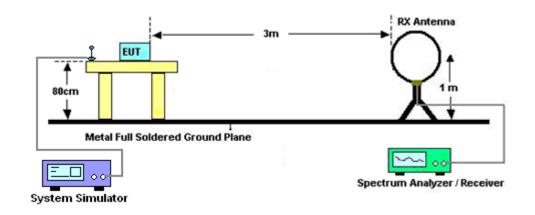
4 Radiated Test Items

4.1 Measuring Instruments

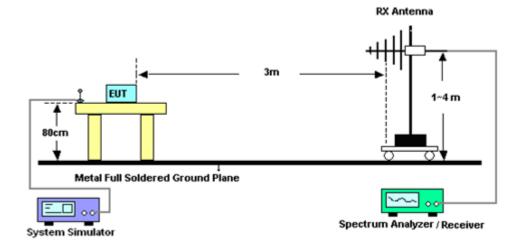
See list of measuring instruments of this test report.

4.1.1 Test Setup

For radiated test below 30MHz

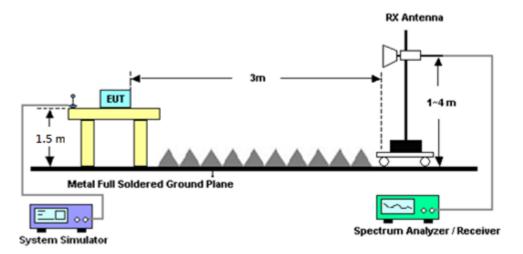


For radiated test from 30MHz to 1GHz





For radiated test above 1GHz



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

4.2.1 Description of Radiated Spurious Emission

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 43 + 10 log (P) dB.

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 / TIA-603-E Section 2.2.12.

- 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. The RF fundamental frequency should be excluded against the limit line in the operating frequency band.
- 11. The limit line is derived from 43 + 10log(P)dB below the transmitter power P(Watts)



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	6201664755	2/3/4G/LTE FDD/TDD with44)/LTE-3C C DLCA/2CC ULCA, CatM1/NB1/NB2	Jul. 21, 2021	Jun. 24, 2022	Jul. 20, 2022	Conducted (TH03-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	35419 & 03	30MHz~1GHz	Apr. 24, 2022	Jun. 23, 2022~ Jun. 24, 2022	Apr. 23, 2023	Radiation (03CH07-HY)
Loop Antenna	Rohde & Schwarz	HFH2-Z2	100315	9 kHz~30 MHz	Jan. 07, 2022	Jun. 23, 2022~ Jun. 24, 2022	Jan. 06, 2023	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	00075962	1GHz ~ 18GHz	Dec. 03, 2021	Jun. 23, 2022~ Jun. 24, 2022	Dec. 02, 2022	Radiation (03CH07-HY)
Preamplifier	MITEQ	AMF-7D-0010180 0-30-10P	1590075	1GHz~18GHz	Apr. 21, 2022	Jun. 23, 2022~ Jun. 24, 2022	Apr. 20, 2023	Radiation (03CH07-HY)
Preamplifier	COM-POWER	PA-103A	161241	10MHz~1GHz	Oct. 04, 2021	Jun. 23, 2022~ Jun. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Preamplifier	Agilent	8449B	3008A02362	1GHz~26.5GHz	Oct. 04, 2021	Jun. 23, 2022~ Jun. 24, 2022	Oct. 03, 2022	Radiation (03CH07-HY)
Spectrum Analyzer	Agilent	N9030A	MY52350276	3Hz~44GHz	Jul. 22, 2021	Jun. 23, 2022~ Jun. 24, 2022	Jul. 21, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY15682/4	30MHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~ Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY24971/4	9kHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~ Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 104	MY28655/4	9kHz to 18GHz	Feb. 23, 2022	Jun. 23, 2022~ Jun. 24, 2022	Feb. 22, 2023	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 126	532078/126E	30MHz~18GHz	Sep. 17, 2021	Jun. 23, 2022~ Jun. 24, 2022	Sep. 16, 2022	Radiation (03CH07-HY)
RF Cable	HUBER + SUHNER	SUCOFLEX 102	801606/2	9KHz ~ 40GHz	Apr. 14, 2022	Jun. 23, 2022~ Jun. 24, 2022	Apr. 13, 2023	Radiation (03CH07-HY)
Controller	EMEC	EM1000	N/A	Control Ant Mast	N/A	Jun. 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Controller	MF	MF-7802	N/A	Control Turn table	N/A	Jun. 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Antenna Mast	EMEC	AM-BS-4500E	N/A	Boresight mast 1M~4M	N/A	Jun. 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Turn Table	ChainTek	Chaintek 3000	N/A	0~360 Degree	N/A	Jun. 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH07-HY)
Software	Audix	E3	N/A	N/A	N/A	Jun. 23, 2022~ Jun. 24, 2022	N/A	Radiation (03CH07-HY)
USB Data Logger	TECPEL	TR-32	HE17XB2495	N/A	Mar. 07, 2022	Jun. 23, 2022~ Jun. 24, 2022	Mar. 06, 2023	Radiation (03CH07-HY)
Bilog Antenna	TESEQ	CBL 6111D & 00800N1D01N-06	37059 & 01	30MHz~1GHz	Oct. 09, 2021	Jun. 23, 2022~ Jun. 24, 2022	Oct. 08, 2022	Radiation (03CH07-HY)
Horn Antenna	EMCO	3117	00143261	1GHz~18GHz	Feb. 11, 2022	Jun. 23, 2022~ Jun. 24, 2022	Feb. 10, 2023	Radiation (03CH07-HY)
Signal Generator	Rohde & Schwarz	SMF100A	101107	100kHz~40GHz	Dec. 08, 2021	Jun. 23, 2022~ Jun. 24, 2022	Dec. 07, 2022	Radiation (03CH07-HY)



6 Uncertainty of Evaluation

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

Measuring Uncertainty for a Level of	3.16 dB
Confidence of 95% (U = 2Uc(y))	3. 10 UB

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

Measuring Uncertainty for a Level of	3.71 dB
Confidence of 95% (U = 2Uc(y))	3.7 T UB

Appendix A. Test Results of Conducted Test

Conducted Output Power(Average power & ERP)

	LTE Band 14 Maximum Average Power [dBm] (GT - LC = -5.3 dB)										
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)			
10	1	0			22.35						
10	1	25			22.16						
10	1	49			22.32						
10	25	0	QPSK		21.28		14.9	0.0309			
10	25	12			21.21						
10	25	25			21.18						
10	50	0			21.28						
10	1	0			21.46						
10	1	25			21.23						
10	1	49			21.34						
10	25	0	16-QAM	-	20.29	-	14.01	0.0252			
10	25	12			20.22						
10	25	25			20.10						
10	50	0			20.19						
10	1	0			21.40						
10	1	25			21.26						
10	1	49			21.22						
10	25	0	64-QAM		20.22		13.95	0.0248			
10	25	12			20.19						
10	25	25			20.18						
10	50	0			20.15						
Limit		ERP < 3W			Result		Pa	ISS			



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LTE Band 14 Maximum Average Power [dBm] (GT - LC = -5.3 dB)									
BW [MHz]	RB Size	RB Offset	Mod	Lowest	Middle	Highest	ERP (dBm)	ERP (W)	
5	1	0		22.19	22.24	22.29			
5	1	12		21.98	21.97	22.04			
5	1	24		22.25	22.19	22.30			
5	12	0	QPSK	21.14	21.25	21.14	14.85	0.0305	
5	12	7		21.18	21.19	21.08			
5	12	13	-	21.17	21.13	21.08			
5	25	0		21.25	21.18	21.18			
5	1	0		21.35	21.37	21.42		0.0249	
5	1	12	-	21.05	21.12	21.10	13.97		
5	1	24		21.31	21.14	21.18			
5	12	0	16-QAM	20.19	20.25	20.24			
5	12	7		20.09	20.11	20.05			
5	12	13		20.02	19.98	20.06			
5	25	0		20.03	20.05	20.07			
5	1	0		21.22	21.32	21.38			
5	1	12		21.17	21.15	21.15			
5	1	24		21.17	21.08	21.17			
5	12	0	64-QAM	20.12	20.15	20.10	13.93	0.0247	
5	12	7		20.06	20.12	20.07			
5	12	13		20.02	20.09	20.11			
5	25	0		20.10	20.07	20.02			
Limit		ERP < 3W			Result		Pa	ISS	



Appendix B. Test Results of Radiated Test

			L	TE Band 14	/ 5MHz / QP	SK			
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
	1584	-59.65	-42.15	-17.50	-70.91	-61.62	0.95	5.06	н
	2376	-41.19	-13	-28.19	-57.95	-42.82	1.25	5.03	Н
	3176	-58.13	-13	-45.13	-76.86	-61.05	1.50	6.57	Н
									Н
									н
									Н
Lowest									Н
Lowoot	1584	-57.78	-42.15	-15.63	-69.58	-59.75	0.95	5.06	V
	2376	-43.86	-13	-30.86	-61.13	-45.49	1.25	5.03	V
	3176	-57.69	-13	-44.69	-76.92	-60.61	1.50	6.57	V
									V
									V
									V
									V
	1592	-63.09	-42.15	-20.94	-74.54	-65.03	0.95	5.04	Н
	2384	-45.71	-13	-32.71	-62.56	-47.36	1.25	5.05	Н
	3184	-57.97	-13	-44.97	-76.62	-60.92	1.51	6.61	н
									Н
									Н
									Н
Middle									Н
	1592	-61.29	-42.15	-19.14	-73.21	-63.23	0.95	5.04	V
	2384	-42.21	-13	-29.21	-59.34	-43.86	1.25	5.05	V
	3184	-57.51	-13	-44.51	-76.76	-60.46	1.51	6.61	V
									V
									V
									V
									V

LTE Band 14



			L	TE Band 14	/ 5MHz / QP	SK			
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
	1592	-63.59	-42.15	-21.44	-74.98	-65.53	0.95	5.04	н
	2392	-43.38	-13	-30.38	-60.31	-45.05	1.26	5.08	Н
	3192	-57.44	-13	-44.44	-76.22	-60.43	1.51	6.64	Н
									Н
									Н
									Н
Highoot									Н
Highest	1592	-62.38	-42.15	-20.23	-74.24	-64.32	0.95	5.04	V
	2392	-46.34	-13	-33.34	-63.76	-48.01	1.26	5.08	V
	3192	-56.55	-13	-43.55	-75.9	-59.54	1.51	6.64	V
									V
									V
									V
									V

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