

JianYan Testing Group Shenzhen Co., Ltd.

Report No: JYTSZB-R12-2101879

FCC REPORT

Applicant: SWAGTEK

Address of Applicant: 10205 NW 19th St. Suite 101, Miami, FL, 33172

Equipment Under Test (EUT)

Product Name: 4.0 inch 4G Smart Phone

Model No.: L4T, UN40, RUSH

Trade mark: LOGIC, iSWAG, UNONU

FCC ID: O55402220

Applicable standards: FCC CFR Title 47 Part 2

FCC CFR Title 47 Part 22 Subpart H
FCC CFR Title 47 Part 24 Subpart E
FCC CFR Title 47 Part 27 Subpart L
FCC CFR Title 47 Part 27 Subpart M
FCC CFR Title 47 Part 27 Subpart H

Date of sample receipt: 13 Sep., 2021

Date of Test: 14 Sep., to 24 Sep., 2021

Date of report issued: 26 Sep., 2021

Test Result: PASS*

*In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:



Bruce Zhang Laboratory Manager

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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2. Version

Version No.	Date	Description
00	26 Sep., 2021	Original

Remark:

This report was amended on FCC ID: O55402220 follow FCC Class II Permissive Change. The differences between them as below: The screen was replaced. The frequency LTE Band2 are added, and EMC and frequency band tests need to be supplemented.

Tested by:	Mike ou	Date:	26 Sep., 2021	
	Tost Engineer			

Reviewed by:

Date: 26 Sep., 2021

Project Engineer

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4. Test Summary

Test Items	Section in CFR 47	Result
DE Exposuro (SAB)	Part 1.1307	Passed
RF Exposure (SAR)	Part 2.1093	(Please refer to SAR Report)
	Part 2.1046	
	Part 22.913 (a)(5)	
RF Output Power	Part 24.232 (c)	Appendix A – LTE
Kr Output Fower	Part 27.50 (c)(10)	Appendix A – LTE
	Part 27.50 (d)(4)	
	Part 27.50 (h)(2)	
	Part 24.232 (d)	
Peak-to-Average Ratio	Part 22.913 (d)	Appendix B – LTE
	Part 27.50(d)(5)	
Modulation Characteristics	Part 2.1047	Pass
	Part 2.1049	
	Part 22.917(b)	
COOK & CO dD Cooking Dondwidth	Part 24.238(b)	Annandiy C. LTF
99% & -26 dB Occupied Bandwidth	Part 27.53(g)	Appendix C – LTE
	Part 27.53(h)	
	Part 27.53(m)	
	Part 2.1053	
	Part 22.917(a)	
Out of band emission at antenna	Part 24.238 (a)	Appendix D – LTE
terminals	Part 27.53 (g)	Appendix E – LTE
	Part 27.53 (h)	
	Part 27.53(m)	
	Part 22.917(a)	
	Part 24.238 (a)	
Field strength of spurious radiation	Part 27.53 (g)	Pass
	Part 27.53 (h)	
	Part 27.53(m)	
	Part 22.355	
Fragues at a biliture to represent use	Part 24.235	Annandiu E. LTE
Frequency stability vs. temperature	Part 27.54	Appendix F – LTE
	Part 2.1055(a)(1)(b)	
	Part 22.355	
Face was a stability of the stability of	Part 24.235	Annandi E LTE
Frequency stability vs. voltage	Part 27.54	Appendix F – LTE
, , ,	Fait 27.34	

Remark:

- 1. Pass: The EUT complies with the essential requirements in the standard.
- 2. The cable insertion loss used by "RF Output Power" and other conduction measurement items is 0.5dB(Fundamental Frequency below 1GHz)/1.0dB(Fundamental Frequency above 1GHz) (provided by the customer).
- 3. Pass*: refer to the FCC ID: 055402220, Report No.: CCISE200600504.

Test Method: ANSI/TIA-603-E-2016 ANSI C63.26-2015





5. General Information

5.1 Client Information

Applicant:	SWAGTEK
Address:	10205 NW 19th St. Suite 101, Miami, FL, 33172
Manufacturer:	SWAGTEK
Address:	10205 NW 19th St. Suite 101, Miami, FL, 33172

5.2 General Description of E.U.T.

Product Name:	4.0 inch 4G Smart Phone				
Model No.:	L4T, UN40, RUSH				
Operation Frequency range:	LTE Band 2:	TE Band 2: TX: 1850MHz-1910MHz RX: 1930MHz-1990MHz			
	LTE Band 4:	TX: 1710MHz-1755MHz	RX: 2110MHz-2155MHz		
	LTE Band 5:	TX: 824MHz-849MHz	RX: 869MHz-894MHz		
	LTE Band 7:	TX: 2500MHz-2570MHz	RX: 2620MHz-2690MHz		
	LTE Band 12:	TX: 699MHz-716MHz	RX: 729MHz-746MHz		
Modulation type:	⊠QPSK	⊠16QAM	⊠64QAM		
Antenna type:	Internal Antenna	a			
Antenna gain:	LTE Band 2:	0.6 dBi(declare by Applicar	nt)		
	LTE Band 4:	0.37 dBi(declare by Applica	ant)		
	LTE Band 5: 0.23 dBi(declare by Applicant)				
	LTE Band 7: 0.35 dBi(declare by Applicant)				
	LTE Band 12: -0.22 dBi(declare by Applicant)				
Power supply:	Rechargeable Li-ion Battery DC3.7V, 1400mAh				
AC adapter:	Model: LM-FU050070USBO1				
	Input: AC100-240V, 50/60Hz, 0.15A				
	Output: DC 5.0V, 700mA				
Remark:	Model No.: L4T, UN40, RUSH were identical inside, the electrical circuit				
	design, layout, components used and internal wiring.				
	LAT model corresponds to the trademark LOGIC.				
	UN40 model correspond to the trademark iSWAG. RUSH model corresponds to the trademark UNONU.				
Test Sample Condition:		•			
1 63t Gample Condition.	The applicant provided engineering samples for staying in continuously transmitting for testing.				

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Operation Frequency List:

peration i requeity List.				
LTE Band	2 (1.4MHz)	LTE Band	2 (3MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	
18607	1850.70	18615	1851.50	
18608	1850.80	18616	1851.60	
••••	••••		••••	
18899	1879.90	18899	1879.90	
18900	1880.00	18900	1880.00	
18901	1880.10	18901	1880.10	
	•••		•••	
19193	1909.20	19185	1908.40	
19194	1909.30	19186	1908.50	
LTE Band	l 2 (5MHz)	LTE Band 2	2 (10MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	
18625	1852.50	18650	1855.00	
18626	1852.60	18651	1855.10	
			••••	
18899	1879.90	18899	1879.90	
18900	1880.00	18900	1880.00	
18901	1880.10	18901	1880.10	
19175	1907.40	19150	1904.90	
19176	1907.50	19151	1905.00	
LTE Band	2 (15MHz)	LTE Band 2	2 (20MHz)	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	
18675	1857.50	18700	1860.00	
18676	1857.60	18701	1860.10	
18899	1879.90	18899	1879.90	
18900	1880.00	18900	1880.00	
18901	1880.10	18901	1880.10	
19125	1902.40	19100	1899.90	
19126	1902.50	19101	1900.00	

Note: LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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Regards to the operating frequency range, the lowest frequency, the middle frequency, and the highest frequency of channel were selected to perform the test, and the selected channels as below:

LTE Band 2 (1.4MHz)			LTE Band 2 (3MHz)		
Chann	el	Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18607	1850.70	Lowest channel	18615	1851.50
Middle channel	18900	1880.00	Middle channel	18900	1880.00
Highest channel	19193	1909.30	Highest channel	19185	1908.50
LTE Band 2 (5MHz)		LTE	E Band 2 (10Ml	Hz)	
Chann	el	Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18625	1852.50	Lowest channel	18650	1855.00
Middle channel	18900	1880.00	Middle channel 18900		1880.00
Highest channel	19175	1907.50	Highest channel	19150	1905.00
LT	E Band 2 (15M	Hz)	LTE Band 2 (20MHz)		
Chann	el	Frequency (MHz)	Channel		Frequency (MHz)
Lowest channel	18675	1857.50	Lowest channel 18700		1860.00
Middle channel	18900	1880.00	Middle channel 18900		1880.00
Highest channel	19125	1902.50	Highest channel 19100		1900.00

Note: LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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5.3 Test environment and mode, and test samples plans

Operating Environment:				
Temperature:	Normal: 15 °C ~ 35 °C, Extreme: -30 °C ~ +50 °C			
Humidity:	20 % ~ 75 % RH			
Atmospheric Pressure:	1008 mbar			
Voltage:	Nominal: 3.7Vdc, Extreme: Low 3.5Vdc, High 4.2Vdc			
Test mode:				
LTE QPSK mode	Keep the EUT communication with simulated station in QPSK mode			
LTE 16-QAM mode	Keep the EUT communication with simulated station in 16-QAM mode			
Remark: The EUT has been	Remark: The EUT has been tested under continuous transmitting mode. Channel Low, Mid and High			
for each type band with rated data rate were chosen for full testing. The field strength of spurious				
radiation emission was measured as EUT stand-up position (H mode) and lie down position (E1, E2				
mode) for these modes. Ju	ust the worst case position (H mode) shown in report.			

5.4 Description of Support Units

Test Equipment	Manufacturer	Model No.	Serial No.
Simulated Station	Anritsu	MT8820C	6201026545

5.5 Measurement Uncertainty

Parameter	Expanded Uncertainty (Confidence of 95%)
Radiated Emission (9kHz ~ 30MHz electric field) for 3m SAC	3.13 dB
Radiated Emission (9kHz ~ 30MHz magnetic field) for 3m SAC	3.13 dB
Radiated Emission (30MHz ~ 1GHz) for 3m SAC	4.45 dB
Radiated Emission (1GHz ~ 18GHz) for 3m SAC	5.34 dB
Radiated Emission (18GHz ~ 40GHz) for 3m SAC	5.34 dB

5.6 Related Submittal(s) / Grant (s)

This is an original grant, no related submittals and grants.

5.7 Additions to, deviations, or exclusions from the method

Nο

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5.8 Laboratory Facility

The test facility is recognized, certified, or accredited by the following organizations:

• FCC - Designation No.: CN1211

JianYan Testing Group Shenzhen Co., Ltd. has been accredited as a testing laboratory by FCC (Federal Communications Commission). The test firm Registration No. is 727551.

ISED - CAB identifier.: CN0021

The 3m Semi-anechoic chamber of JianYan Testing Group Shenzhen Co., Ltd. has been Registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 10106A-1.

• A2LA - Registration No.: 4346.01

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: https://portal.a2la.org/scopepdf/4346-01.pdf

5.9 Laboratory Location

JianYan Testing Group Shenzhen Co., Ltd.

Address: No.101, Building 8, Innovation Wisdom Port, No.155 Hongtian Road, Huangpu Community, Xingiao Street, Bao'an District, Shenzhen, Guangdong, People's Republic of China.

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Email: info-JYTee@lets.com, Website: http://www.ccis-cb.com

5.10 Test Instruments list

Radiated Emission:	Radiated Emission:					
Test Equipment	Manufacturer	Model No.	Serial No.	Cal.Date (mm-dd-yy)	Cal.Due date (mm-dd-yy)	
3m SAC	ETS	RFD-100	Q1984	04-14-2021	04-13-2024	
Loop Antenna	SCHWARZBECK	FMZB 1519 B	1519B-044	03-07-2021	03-06-2022	
BiConiLog Antenna	SCHWARZBECK	VULB9163	9163-1246	03-07-2021	03-06-2022	
Biconical Antenna	SCHWARZBECK	VUBA 9117	9117#359	06-17-2021	06-17-2022	
Horn Antenna	SCHWARZBECK	BBHA9120D	912D-916	03-07-2021	03-06-2022	
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1067	04-02-2021	04-01-2022	
Broad-Band Horn Antenna	SCHWARZBECK	BBHA9170	1068	04-02-2021	04-01-2022	
EMI Test Receiver	Rohde & Schwarz	ESRP7	101070	03-03-2021	03-02-2022	
Spectrum analyzer	Rohde & Schwarz	FSP30	101454	03-03-2021	03-02-2022	
Spectrum analyzer	Keysight	N9010B	MY60240202	11-27-2020	11-26-2021	
Simulated Station	Anritsu	MT8820C	6201026545	03-03-2021	03-02-2022	
Low Pre-amplifier	SCHWARZBECK	BBV9743B	00305	03-07-2021	03-06-2022	
High Pre-amplifier	SKET	LNPA_0118G-50	MF280208233	03-07-2021	03-06-2022	
Cable	Qualwave	JYT3M-1G-NN-8M	JYT3M-1	03-07-2021	03-06-2022	
Cable	Qualwave	JYT3M-18G-NN-8M	JYT3M-2	03-07-2021	03-06-2022	
Cable	Qualwave	JYT3M-1G-BB-5M	JYT3M-3	03-07-2021	03-06-2022	
Cable	Bost	JYT3M-40G-SS-8M	JYT3M-4	04-02-2021	04-01-2022	
EMI Test Software	Tonscend	TS+		Version:3.0.0.1		

Conducted method:							
Test Equipment	Manufacturer	Model No.	Serial No.	Cal. Date (mm-dd-yy)	Cal. Due date (mm-dd-yy)		
Spectrum Analyzer	Keysight	N9020B	MY57431500	07-02-2021	07-01-2022		
Simulated Station	Rohde & Schwarz	CMW500	108209	07-02-2021	07-01-2022		
RF Control Unit	Tonscend	JS0806-1	N/A	N/A	N/A		
Band Reject Filter Group	Tonscend	JS0806-F	21A8060360	N/A	N/A		
Test Software	Tonscend	TS+	Ve	ersion: 2.6.9.0526			

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6. Test results

6.1 Conducted Output Power, ERP and EIRP

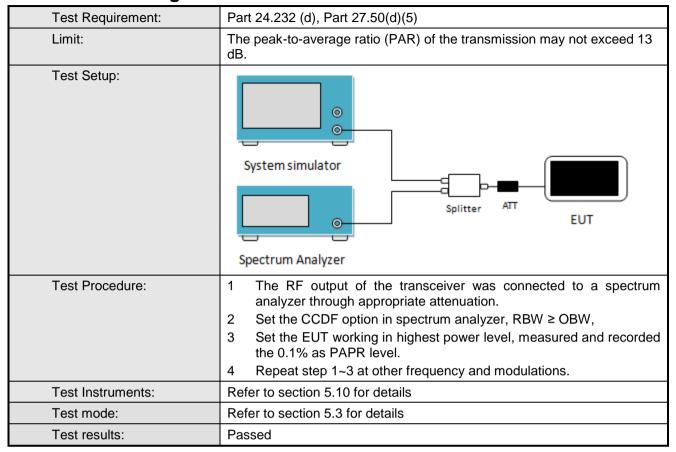
Test Requirement:	Part 22.913(a)(5), Part 24.232(c), part 27.50(c)(10), Part 27.50(d)(4), Part 27.50 (h)(2)
Limit:	LTE Band 2: 2W, LTE Band 4: 1W, LTE Band 5: 7W, LTE Band 7: 2W, LTE Band 12: 3W, LTE Band 17: 3W
Test Setup:	System simulator ATT EUT
Test Procedure:	The transmitter output was connected to a calibrated attenuator, the other end of which was connected to the CMW500. Transmitter output power was read off in dBm.
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data: LTE Band 2 test data reference Appendix A – LTE; LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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6.2 Peak-to-Average Ratio

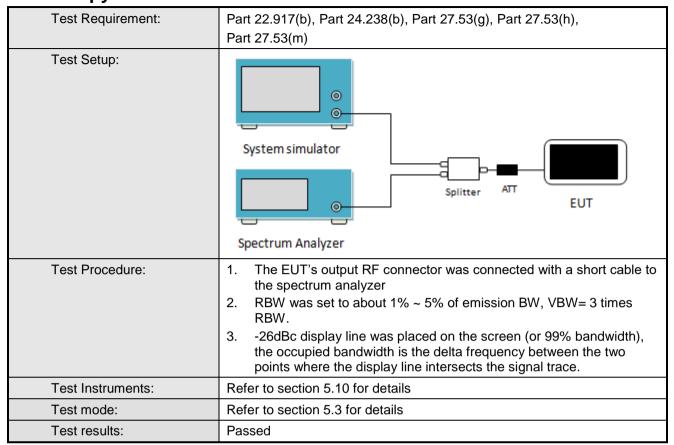


Measurement Data: LTE Band 2 test data reference Appendix B – LTE; LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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6.3 Occupy Bandwidth



Measurement Data: LTE Band 2 test data reference Appendix C – LTE; LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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6.4 Out of band emission at antenna terminals

Test Requirement:	Part 22.917(a), Part 24.238 (a), part 27.53(g), part 27.53(h),			
Limit:	Part 27.53(m) LTE Band 2 & 4 & 5 & 12: The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log ₁₀ (P) dB (-13 dBm). LTE Band 7: For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz.			
Test Setup:	System simulator Splitter ATT EUT Spectrum Analyzer			
Test Procedure:	 The RF output of the transceiver was connected to a spectrum analyzer through appropriate attenuation. For the out of band: For Band 5 & 12 set the RBW=100 kHz, VBW=300 kHz and for Band 2 & 4 & 7 set the RBW=1 MHz, VBW=3 MHz when below 1 GHz, RBW =1 MHz, VBW=3 MHz when above 1 GHz, Start=30MHz, Stop= 10th harmonic. Band Edge Requirements: In the 1 MHz bands immediately outside and adjacent to the frequency block, a resolution bandwidth of at least 1 percent of the emission bandwidth of the fundamental emission of the transmitter may be employed to measure the out of band Emissions. 			
Test Instruments:	Refer to section 5.10 for details			
Test mode:	Refer to section 5.3 for details			
Test results:	Passed			
Remark:	Pre-scan all RB Size and offset, and found the RB Size and offset of worst case, so the report shows only the worst case test data.			

Measurement Data:

Band edge emission: LTE Band 2 refer to Appendix D – LTE; LTE Band 4/5/7/12 refer to FCC ID: O55402220,

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Spurious emission: LTE Band 2 refer to Appendix E - LTE; LTE Band 4/5/7/12 refer to FCC ID: O55402220,

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6.5 Field strength of spurious radiation measurement

0.5 Tield Strength of Spi	urious radiation measurement
Test Requirement:	Part 22.917(a), Part 24.238 (a), Part 27.53(g), Part 27.53(m), Part 27.53(h)
Limit:	LTE Band 2 & 4 & 5 & 12: The power of any emission outside a licensee's frequency block shall be attenuated below the transmitter power (P) in watts by at least 43 + 10 log ₁₀ (P) dB (-13 dBm). LTE Band 7: For mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, and 55 + 10 log (P) dB on all frequencies more than X megahertz from the channel edge, where X is the greater of 6 megahertz or the actual emission bandwidth as defined in paragraph (m)(6) of this section. In addition, the attenuation factor shall not be less that 43 + 10 log (P) dB on all frequencies between 2490.5 MHz and 2496 MHz and 55 + 10 log (P) dB at or below 2490.5 MHz.
Test setup:	Below 1GHz
	Antenna Tower Ground Reference Plane Ground Reference Plane Signal Generator Amplifier Above 1GHz
	Ground Reference Plane Test Receiver Ground Reference Plane
Test Procedure:	 The EUT was placed on the top of a rotating table 0.8m(below 1GHz)/1.5m(above 1GHz) above the ground at a 3 meter camber. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission





	 was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency. ERP / EIRP = S.G. output (dBm) + Antenna Gain(dB/dBi) - Cable Loss (dB)
Test Instruments:	Refer to section 5.10 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed





Measurement Data: LTE Band 2 part:

		Bar	nd 2 (1.4MHz)			
		Lov	vest channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
3701.40	-47.01	-1.40	-48.41	-13.00	35.41	Vertical
5552.10	-41.22	5.27	-35.95	-13.00	22.95	Vertical
7402.00	-36.41	13.00	-23.41	-13.00	10.41	Vertical
3701.40	-49.28	-1.40	-50.68	-13.00	37.68	Horizontal
5552.10	-43.98	5.27	-38.71	-13.00	25.71	Horizontal
7402.00	-35.97	13.00	-22.97	-13.00	9.97	Horizontal
		Mic	ddle channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
3760.00	-47.41	-1.03	-48.44	-13.00	35.44	Vertical
5640.00	-41.02	6.06	-34.96	-13.00	21.96	Vertical
7520.00	-35.93	13.29	-22.64	-13.00	9.64	Vertical
3760.00	-48.86	-1.03	-49.89	-13.00	36.89	Horizontal
5640.00	-43.84	6.06	-37.78	-13.00	24.78	Horizontal
7520.00	-36.14	13.29	-22.85	-13.00	9.85	Horizontal
		Hig	hest channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
3816.60	-47.18	-0.83	-48.01	-13.00	35.01	Vertical
5724.90	-41.72	6.82	-34.90	-13.00	21.90	Vertical
7633.20	-36.56	13.44	-23.12	-13.00	10.12	Vertical
3816.60	-49.23	-0.83	-50.06	-13.00	37.06	Horizontal
5724.90	-43.98	6.82	-37.16	-13.00	24.16	Horizontal
7633.20	-35.76	13.44	-22.32	-13.00	9.32	Horizontal

Remark:

The emission levels of below 1 GHz are lower than the limit 20dB and not show in test report.

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		Bar	nd 2 (20MHz)			
		Lov	vest channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarizatio
3720.00	-48.18	-1.28	-49.46	-13.00	36.46	Vertical
5580.00	-41.78	5.36	-36.42	-13.00	23.42	Vertical
7440.00	-36.12	13.04	-23.08	-13.00	10.08	Vertical
3720.00	-49.02	-1.28	-50.30	-13.00	37.30	Horizont
5580.00	-44.33	5.36	-38.97	-13.00	25.97	Horizont
7440.00	-35.74	13.04	-22.70	-13.00	9.70	Horizont
		Mic	dle channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarizati
3760.00	-47.73	-1.03	-48.76	-13.00	35.76	Vertica
5640.00	-42.22	6.06	-36.16	-13.00	23.16	Vertica
7520.00	-36.42	13.29	-23.13	-13.00	10.13	Vertica
3760.00	-49.06	-1.03	-50.09	-13.00	37.09	Horizont
5640.00	-44.58	6.06	-38.52	-13.00	25.52	Horizont
7520.00	-36.20	13.29	-22.91	-13.00	9.91	Horizont
		Hig	hest channel			
Frequency (MHz)	Spurous Emission level (dBm)	Factor (dB)	Level at antenna terminals (dBm)	Limit Line (dBm)	Margin (dB)	Polarizati
3800.00	-47.23	-0.83	-48.06	-13.00	35.06	Vertica
5700.00	-42.11	6.62	-35.49	-13.00	22.49	Vertica
7600.00	-36.31	13.71	-22.60	-13.00	9.60	Vertica
3800.00	-49.55	-0.83	-50.38	-13.00	37.38	Horizont
5700.00	-44.35	6.62	-37.73	-13.00	24.73	Horizont
7600.00	-36.26	13.71	-22.55	-13.00	9.55	Horizont

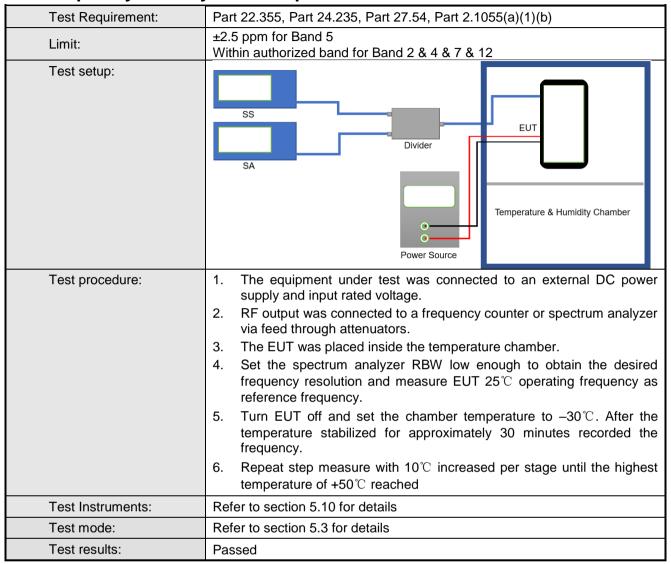
Note: LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

The emission levels of below 1 GHz are lower than the limit 20dB and not show in test report.

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6.6 Frequency stability V.S. Temperature measurement

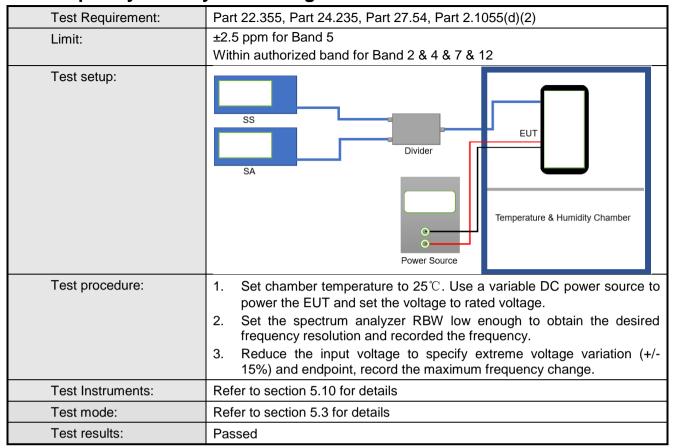


Measurement Data: LTE Band 2 test data reference Appendix F – LTE; LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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6.7 Frequency stability V.S. Voltage measurement



Measurement Data: LTE Band 2 test data reference Appendix F – LTE; LTE Band 4/5/7/12 test data reference FCC ID: O55402220, Report No.: CCISE200600504.

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8 EUT Constructional Details

Reference to the test report No. JYTSZB-R12-2102006.

-----End of report-----

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