

FCC Part 24E & 27 Measurement and Test Report

For

E-matic

3435 Ocean Park Blvd#107 PMB\$444 Santa Monica CA 90405, Los Angeles,

CA 90405

FCC ID: XHWEGQ101

FCC Rules: FCC Part 24E, FCC Part 27

Product Description: 10.1inch phone tablet

Tested Model: EGQ101

Report No.: WTX19X12086090W

Sample Receipt Date: 2019-12-11

Tested Date: 2019-12-11 to 2019-12-17

Issued Date: 2019-12-17

Tested By: Jason Su / Engineer

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Note: This test report is limited to the above client company and the product model only. It may not be duplicated without prior permitted by Shenzhen SEM Test Technology Co., Ltd.



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Report version

Version No.	Date of issue	Description
Rev.00	2019-12-17	Original
/	/	/





1. GENERAL INFORMATION

1.1 Product Description for Equipment Under Test (EUT)

Client Information

Applicant: E-matic

Address of applicant: 3435 Ocean Park Blvd#107 PMB\$444 Santa Monica CA

90405, Los Angeles, CA 90405

Manufacturer: SHENZHEN NST INDUSTRY AND TRADE CO.LTD

Address of manufacturer: 3/F, Bldg 1, Hongbang Intelligent Technology Park, No.30

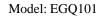
Cuibao Road, Baolong Street, Longgang District, Shenzhen,

China

Importer: Shaghal Ltd

Address of Importer: 10880 Wilshire Blvd #2250, Los Angeles, California, 90024

General Description of EU	T:
Product Name:	10.1inch phone tablet
Brand Name:	Motile
Model No.:	EGQ101
Adding Madal/a).	EGQ101BL, EGQ101GL, EGQ101SL, EGQ101RD,
Adding Model(s):	EGQ101PR, EGQ101PN, EGQ101DG
Rated Voltage:	DC 3.7V
Battery:	5000mAh
	K-T100502000U
Adapter Model:	Input: AC100-240V~50-60Hz, 0.35A, max;
	Output: DC5V, 2000mA
Software Version:	S863-9863A/9832E-V1. 0 D3(221)190403
Hardware Version:	S8631e userdebug W19.24.6 20191119
Device Category:	Portable Device





Technical Characteristics of EUT: Main board				
4G				
Support Networks:	FDD-LTE			
Support Band:	FDD-LTE Band 2, 4, 7, 17			
	FDD-LTE Band 2: Tx: 1850-1910MHz,			
Unlink Eroguanov	FDD-LTE Band 4: Tx: 1710-1755MHz,			
Uplink Frequency:	FDD-LTE Band 7: Tx: 2500-2570MHz,			
	FDD-LTE Band 17: Tx: 704-716MHz			
	FDD-LTE Band 2: Rx: 1930-1990MHz,			
Downlink Fraguency:	FDD-LTE Band 4: Rx: 2110-2155MHz,			
Downlink Frequency:	FDD-LTE Band 7: Rx: 2620-2690MHz,			
	FDD-LTE Band 17: Rx: 734-746MHz			
	FDD-LTE Band 2: 24.09dBm,			
DE Output Dawer	FDD-LTE Band 4: 24.94dBm,			
RF Output Power:	FDD-LTE Band 7: 24.22dBm,			
	FDD-LTE Band 17: 23.64dBm			
	FDD-LTE Band 2: 17M9G7D, 17M9W7D			
Type of Emission	FDD-LTE Band 4: 17M9G7D, 17M9W7D			
Type of Emission:	FDD-LTE Band 7: 17M8G7D, 17M9W7D			
	FDD-LTE Band 17: 8M98G7D, 8M98W7D			
Type of Modulation:	QPSK, 16QAM			
Antenna Type:	Integral Antenna			
	FDD-LTE Band 2: 0.72dBi,			
Automa Osini	FDD-LTE Band 4: 0.55dBi,			
Antenna Gain:	FDD-LTE Band 7: 1.15dBi,			
	FDD-LTE Band 17: -1.02dBi,			



1.2 Test Standards

The tests were performed according to following standards:

<u>FCC Rules Part 2</u>: FREQUENCY ALLOCA-TIONS AND RADIO TREATY MAT-TERS; GENERAL RULES AND REG-ULATIONS

FCC Rules Part 24: PUBLIC MOBILE SERVICES

FCC Rules Part 27: MISCELLANEOUS WIRELESS COMMUNICATIONS SERVICES

<u>TIA/EIA 603 E March 2016</u>: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

<u>ANSI C63.26-2015</u>: American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

<u>KDB 971168 D01 Power Meas License Digital Systems v03r01</u>: MEASUREMENT GUIDANCE FOR CERTIFICATION OF LICENSED DIGITAL TRANSMITTERS

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.3 Test Methodology

All measurements contained in this report were conducted with TIA/EIA 603 E/ KDB 971168/ ANSI C63.26 The equipment under test (EUT) was configured to measure its highest possible emission level. The test modes were adapted accordingly in reference to the Operating Instructions.

1.4 Test Facility

Address of the test laboratory

Laboratory: Shenzhen SEM Test Technology Co., Ltd.

Address: 1/F, Building A, Hongwei Industrial Park, Liuxian 2nd Road, Bao'an District, Shenzhen, P.R.C. (518101)

FCC - Registration No.: 125990

Shenzhen SEM Test Technology Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the FCC (Federal Communications Commission). The acceptance letter from the FCC is maintain ed in our files. The Designation Number is CN5010, and Test Firm Registration Number is 125990.

Industry Canada (IC) Registration No.: 11464A

The 3m Semi-anechoic chamber of Shenzhen SEM Test Technology Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 11464A.

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1.5 EUT Setup and Test Mode

The EUT was operated in the engineering mode to fix the Tx frequency that was for the purpose of the measurements. All testing shall be performed under maximum output power condition, and to measure its highest possible emissions level, more detailed description as follows:

Test Mode List					
Test Mode	Description	Remark			
TM1	FDD-LTE Band 2	Low, Middle, High Channels			
TM2	FDD-LTE Band 4	Low, Middle, High Channels			
TM3	FDD-LTE Band 7	Low, Middle, High Channels			
TM4	FDD-LTE Band 17	Low, Middle, High Channels			

Test Conditions			
Temperature:	22~25 °C		
Relative Humidity:	50~55 %.		
ATM Pressure:	1019 mbar		

EUT Cable List and Details					
Cable Description	Length (m)	Shielded/Unshielded	With / Without Ferrite		
USB Cable	0.8	Unshielded	Without Ferrite		

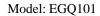
Special Cable List and Details					
Cable Description Length (m) Shielded/Unshielded With / Without Ferrite					
/	/	/	/		

Auxiliary Equipment List and Details					
Description Manufacturer Model Serial Number					
/	/	/	/		



1.6 Measurement Uncertainty

Measurement uncertainty					
Parameter	Conditions	Uncertainty			
RF Output Power	Conducted	±0.42dB			
Occupied Bandwidth	dwidth Conducted $\pm 1.5\%$				
Frequency Stability	Conducted	2.3%			
Transmitter Spurious Emissions	Conducted	±0.42dB			
		30-200MHz ±4.52dB			
Transmitten Savriere Emissions	Radiated	0.2-1GHz ±5.56dB			
Transmitter Spurious Emissions	Kadiated	1-6GHz ±3.84dB			
		6-18GHz ±3.92dB			





1.7 Test Equipment List and Details

No.	Description	Manufacturer	Model	Serial No.	Cal Date	Due. Date
CEMT 1075	Communication	Rohde &	CMW500	149650	2019-04-30	2020 04 20
SEMT-1075	Tester	Schwarz	CMW500	148650	2019-04-30	2020-04-29
SEMT-1063	GSM Tester	Rohde &	CMU200	114403	2019-04-30	2020-04-29
SEM11-1003	GSWI Tester	Schwarz	CMO200	114403	2019-04-30	2020-04-29
SEMT-1072	Spectrum	Agilent	E4407B	MY41440400	2019-04-30	2020-04-29
SEN11-1072	Analyzer	Agnent	E4407B	W1141440400	2019-04-30	2020-04-29
SEMT-1079	Spectrum	Agilent	N9020A	US47140102	2019-04-30	2020-04-29
SENTI 1077	Analyzer	right	11702011	0517110102	2017 01 20	2020 01 29
SEMT-1080	Signal	Agilent	83752A	3610A01453	2019-04-30	2020-04-29
	Generator	8 - 1				
SEMT-1081	Vector Signal	Agilent	N5182A	MY47070202	2019-04-30	2020-04-29
	Generator					
SEMT-1028	Power Divider	Weinschel	1506A	PM204	2019-04-30	2020-04-29
SEMT-1082	Power Divider	RF-Lambda	RFLT4W5M18G	14110400027	2019-04-30	2020-04-29
SEMT-1031	Spectrum	Rohde &	FSP30	836079/035	2019-04-30	2020-04-29
	Analyzer	Schwarz				
SEMT-1007	EMI Test	Rohde &	ESVB	825471/005	2019-04-30	2020-04-29
CENTE 1000	Receiver	Schwarz	0.4.475	2112 4 0 6 7 1 7	2010 04 20	2020 04 20
SEMT-1008 SEMT-1043	Amplifier	Agilent C&D	8447F	3113A06717	2019-04-30	2020-04-29
	Amplifier	Schwarz beck	PAP-1G18 FMZB 1516	2002 9773	2019-04-30 2019-05-05	2020-04-29
SEMT-1069	Loop Antenna Broadband	Schwarz beck	FMZB 1310	9773	2019-05-05	2021-05-04
SEMT-1068	Antenna	Schwarz beck	VULB9163	9163-333	2019-05-05	2021-05-04
SEMT-1042	Horn Antenna	ETS	3117	00086197	2019-05-05	2021-05-04
SEMT-1121	Horn Antenna	Schwarzbeck	BBHA 9170	BBHA9170582	2019-05-05	2021-05-04
		Direction				
SEMT-1168	Pre-amplifier	Systems Inc.	PAP-0126	14141-12838	2019-04-30	2020-04-29
GEN 677 44 60	D 11.0	Direction	D. D. 0.440	11115 11150	2010 01 20	2020 04 20
SEMT-1169	Pre-amplifier	Systems Inc.	PAP-2640	14145-14153	2019-04-30	2020-04-29
SEMT-1163	Spectrum	Rohde &	FSP40	100612	2019-04-30	2020-04-29
SEM11-1105	Analyzer	Schwarz	r3r40	100012	2019-04-30	2020-04-29
SEMT-1170	DRG Horn	A.H.	SAS-574	571	2019-05-05	2021-05-04
SEMII-II/O	Antenna	SYSTEMS	3A3-374	3/1	2019-03-03	2021-03-04
SEMT-1166	Power Limiter	Agilent	N9356B	MY45450376	2019-04-30	2020-04-29
SEMT-1048	RF Limiter	ATTEN	AT-BSF-2400~2500	/	2019-04-30	2020-04-29
SEMT-1055	RF Limiter	ATTEN	AT-BSF-0820~0920	/	2019-04-30	2020-04-29
SEMT-1056	RF Limiter	ATTEN	AT-BSF-1710~1910	/	2019-04-30	2020-04-29
SEMT-1076	RF Switcher	Top Precision	RCS03-A2	/	2019-04-30	2020-04-29
SEMT-C001	Cable	Zheng DI	LL142-07-07-10M(A)	/	2019-03-18	2020-03-17
SEMT-C002	Cable	Zheng DI	ZT40-2.92J-2.92J-6M	/	2019-03-18	2020-03-17



SEMT-C003	Cable	Zheng DI	ZT40-2.92J-2.92J-2.5M	/	2019-03-18	2020-03-17
SEMT-C004	Cable	Zheng DI	2M0RFC	/	2019-03-18	2020-03-17
SEMT-C005	Cable	Zheng DI	1M0RFC	/	2019-03-18	2020-03-17
SEMT-C006	Cable	Zheng DI	1M0RFC	/	2019-03-18	2020-03-17

Software List					
Description Manufacturer Model Version					
EMI Test Software	Farad	EZ-EMC	RA-03A1		
(Radiated Emission)*	rarau	EZ-ENIC	KA-U3A1		
EMI Test Software	Earna d	EZ-EMC	D A 02 A 1		
(Conducted Emission)*	Farad	EZ-ENIC	RA-03A1		
LTE Test System*	Tonscend	JS1120-1	V2.5		

^{*}Remark: indicates software version used in the compliance certification testing



2. SUMMARY OF TEST RESULTS

FCC Rules	Description of Test Item	Result
§1.1307, §2.1093	RF Exposure	Compliant
§24.232(c), §27.50(d)	RF Output Power	Compliant
§24.51, §27.50	Peak-to-average Ratio (PAR) of Transmitter	Compliant
§24.238(b), §27.53	Emission Bandwidth	Compliant
§24.238(a), §27.53(h)	Spurious Emissions at Antenna Terminal	Compliant
§24.238(a), §27.53(h)	Spurious Radiation Emissions	Compliant
§2.917(a), §24.238(a), §27.53(h)	Out of Band Emissions	Compliant
§24.235, §27.54	Frequency Stability	Compliant



3. RF Exposure

3.1 Standard Applicable

According to §1.1307 and §2.1093, the portable transmitter must comply the RF exposure requirements.

3.2 Test Result

This product complied with the requirement of the RF exposure, please see the SAR report.



4. RF Output Power

4.1 Standard Applicable

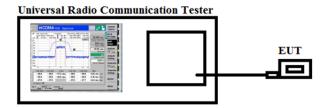
According to §24.232(c), mobile and portable stations are limited to 2 watts EIRP and the equipment must employ a means for limiting power to the minimum necessary for successful communications.

According to §27.50(d)(4), fixed, mobile, and portable (hand-held) stations operating in the 1710-1755 MHz band and mobile and portable stations operating in the 1695-1710 MHz and 1755-1780 MHz bands are limited to 1 watt EIRP.

According to §27.50(c)(10), portable stations (hand-held devices) in the 698-746 MHz band are limited to 3 watts ERP.

4.2 Test Procedure

> Conducted output power test method:



- > Radiated power test method:
- 1. The setup of EUT is according with per ANSI/TIA Standard 603E and ANSI C63.26 measurement procedure.
- 2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
- 3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.
- 4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

4.3 Summary of Test Results/Plots

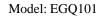




Max. Radiated Power:

FDD-LTE Band 2

Modulation Channel Antenna Polar E.i.r.p [dBm] Climit (dBm) Verdict	FDD-LTE Band 2						
Modulation		Cha	annel Bandwidth: 1.4 M	1Hz			
CH	Modulation	Channel	Antenna Polar	E.i.r.p [dBm]		Verdict	
CCH				7.0	(dBm)		
Pass		LCH	V	20.56		PASS	
CPSK							
HCH	QPSK	MCH	V		<33.00	PASS	
HCH			Н	14.59			
CH		HCH	V			PASS	
The color of the							
H		LCH	V	20.14		PASS	
HCH		2011	Н	14.11			
HCH	16OAM	MCH	V	20.29	<33.00	PASS	
HCH	100,1111		Н	14.35	<55.00		
H		HCH	V	20.39		PASS	
Modulation Channel Antenna Polar E.i.r.p [dBm] Limit (dBm) Verdict		11011	Н	14.42		17.00	
Channel Antenna Polar E.i.r.p [dBm] (dBm) Verdict		Ch	nannel Bandwidth: 3 Ml	-lz			
QPSK LCH H 13.98 PASS QPSK MCH H 13.98 V 19.25 PASS HCH V 19.47 PASS MCH V 19.35 PASS Modulation Channel Bandwidth: 5 MHz Modulation Channel Bandwidth: 5 MHz Modulation Channel Bandwidth: 5 MHz LCH V 20.05 Limit (dBm) Verdict QPSK MCH V 20.05 PASS PASS	Modulation	Channel	Antenna Polar	E.i.r.p [dBm]		Verdict	
MCH H 13.98 V 19.25 C33.00 PASS HCH V 19.47 PASS LCH V 19.35 PASS HCH V 19.31 PASS PASS Channel Bandwidth: 5 MHz Modulation Channel Bandwidth: 5 MHz Modulation Channel Bandwidth: 5 MHz Limit (dBm) Verdict UCH V 20.05 PASS QPSK MCH V 20.05 PASS MCH V 20.05 PASS MCH V 20.05 PASS MCH V 20.05 PASS MCH V <th colspa<="" td=""><td></td><td rowspan="2">LCH</td><td>V</td><td>19.58</td><td rowspan="6"><33.00</td><td>DV66</td></th>	<td></td> <td rowspan="2">LCH</td> <td>V</td> <td>19.58</td> <td rowspan="6"><33.00</td> <td>DV66</td>		LCH	V	19.58	<33.00	DV66
MCH		Н		13.98	PASS		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ODEK	МСН	V	19.25	DASS		
HCH	QF3N		Н	14.03	PASS		
CH		ПОП	V	19.47	DAGG		
16QAM		TIOH	Н	14.32	1 700		
H		I CH	V	19.64		DASS	
MCH		LOTT	Н	14.11		FASS	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	16OAM	MCH	V	19.35	∠22 00	DASS	
HCH	TOQAIVI	WCTT	Н	14.27	<33.00	FASS	
H		ПСП	V	19.31		DASS	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		ПСП	Н	14.06		PASS	
Channel Antenna Polar E.i.r.p [dBm] (dBm) Verdict		Ch	nannel Bandwidth: 5 Mi	-lz			
QPSK	Modulation	Channel	Antenna Polar	E.i.r.p [dBm]		Verdict	
QPSK MCH $\frac{H}{V} = \frac{13.20}{20.13}$ <33.00 PASS		1011	V	20.05		DAGG	
QPSK MCH H 14.16 <33.00 PASS		LCH	Н	13.20		PASS	
H 14.16	0531	Mari	V	20.13	22.00	DAGG	
	QPSK	MCH	Н	14.16	<33.00	PASS	
V 20.22			V	20.22		DACC	
HCH H 14.52 PASS		HCH	Н	14.52		PASS	





		* 7	20.25				
	LCH	V	20.35		PASS		
		Н	13.74				
16QAM	MCH	V	20.36	<33.00	PASS		
		Н	14.21				
	HCH	V	20.41		PASS		
		Н	13.72				
	Cha	nnel Bandwidth: 10 M	Hz T				
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict		
	LCH	V	20.47		PASS		
	LOTT	Н	13.65		1 700		
QPSK	MCH	V	20.53	<33.00	PASS		
QF3K	IVICH	Н	13.41	<33.00	PASS		
	HCH	V	20.16		PASS		
	псп	Н	14.22		PASS		
	1.011	V	20.37		DACC		
	LCH	Н	14.32		PASS		
400 444	MCH	V	20.17	22.00	PASS		
16QAM		Н	13.52	<33.00			
	НСН	V	20.31		51.00		
		Н	13.05		PASS		
Channel Bandwidth: 15 MHz							
	Cha	nnel Bandwidth: 15 M	Hz				
Modulation	Channel	Antenna Polar	Hz E.i.r.p [dBm]	Limit (dBm)	Verdict		
Modulation	Channel						
Modulation	,	Antenna Polar	E.i.r.p [dBm]		Verdict PASS		
	Channel	Antenna Polar V H	E.i.r.p [dBm] 20.23 13.52	(dBm)	PASS		
Modulation	Channel	Antenna Polar V H V	E.i.r.p [dBm] 20.23 13.52 20.27				
	Channel LCH MCH	Antenna Polar V H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35	(dBm)	PASS PASS		
	Channel	Antenna Polar V H V H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18	(dBm)	PASS		
	Channel LCH MCH HCH	Antenna Polar V H V H V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36	(dBm)	PASS PASS		
	Channel LCH MCH	Antenna Polar V H V H V H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18	(dBm)	PASS PASS		
QPSK	Channel LCH MCH HCH LCH	Antenna Polar V H V H V H V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77	(dBm) <33.00	PASS PASS PASS		
	Channel LCH MCH HCH	Antenna Polar V H V H V H V H V V V V V V V V V V V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26	(dBm)	PASS PASS		
QPSK	Channel LCH MCH HCH LCH MCH	Antenna Polar V H V H V H V H H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54	(dBm) <33.00	PASS PASS PASS PASS		
QPSK	Channel LCH MCH HCH LCH	Antenna Polar V H V H V H V H V H V H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42	(dBm) <33.00	PASS PASS PASS		
QPSK	Channel LCH MCH HCH MCH HCH	Antenna Polar V H V H V H V H V H V V H V V V V V V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75	(dBm) <33.00	PASS PASS PASS PASS		
QPSK	Channel LCH MCH HCH MCH HCH	Antenna Polar V H V H V H V H V H V H V H V H H V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75	(dBm) <33.00	PASS PASS PASS PASS		
QPSK 16QAM	Channel LCH MCH HCH LCH MCH HCH Channel	Antenna Polar V H V H V H V H V H V H V H V H Nnnel Bandwidth: 20 M	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75	<33.00 <33.00 Limit	PASS PASS PASS PASS Verdict		
QPSK 16QAM Modulation	Channel LCH MCH HCH LCH MCH HCH Cha	Antenna Polar V H V H V H V H V H V Antenna Polar	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75 Hz E.i.r.p [dBm]	<33.00 <33.00 Limit (dBm)	PASS PASS PASS PASS PASS		
QPSK 16QAM	Channel LCH MCH HCH MCH HCH Channel LCH	Antenna Polar V H V H V H V H V H V H V Antenna Polar V V V V V V V V V V V V V V V V V V V	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75 Hz E.i.r.p [dBm] 20.68 14.35	<33.00 <33.00 Limit	PASS PASS PASS PASS PASS Verdict PASS		
QPSK 16QAM Modulation	Channel LCH MCH HCH LCH MCH HCH Channel	Antenna Polar V H V H V H V H V H V H Antenna Polar V H N H N H N H N H N H N H N H N H N H	E.i.r.p [dBm] 20.23 13.52 20.27 13.35 20.18 14.36 20.19 13.77 20.26 14.54 20.42 13.75 Hz E.i.r.p [dBm]	<33.00 <33.00 Limit (dBm)	PASS PASS PASS PASS Verdict		



	НСН -	V	20.14		PASS
	ПСП	Н	13.59		PASS
16QAM	LCH	V	19.98		PASS
		Н	14.11		
	MCH	V	19.76	-22.00	PASS
		Н	14.39	<33.00	PASS
	НСН	V	19.67		DASS
		Н	14.75		PASS

FDD-LTE Band 4

FDD-LTE Band 4	Ch	annel Bandwidth: 1.4 M	IU		
	Cna	anner bandwidth: 1.4 M		Y	
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	19.74		DACC
	LON	Н	13.24		PASS
QPSK	MCH	V	19.52	<30.00	PASS
QFSN	WCTT	Н	14.52	<30.00	FASS
	НСН	V	19.31		PASS
	HOH	Н	13.08		1700
	LCH	V	20.47		PASS
	LOTT	Н	13.26		FASS
16QAM	MCH	V	20.14	<30.00	PASS
IOQAW	WICH	Н	13.34	<30.00	1700
	НСН	V	20.31		PASS
		Н	13.39		1700
	Ch	nannel Bandwidth: 3 MI	Hz		
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	20.41		PASS
	LCH	Н	13.52		PASS
QPSK	MCH	V	20.24	<30.00	PASS
QFSN	WCTT	Н	12.87	<30.00	FA33
	НСН	V	20.36		PASS
	TIOH	Н	13.64		PAGG
	LCH	V	20.09		PASS
	LOIT	Н	13.47		FAGG
16QAM	MCH	V	20.07	<30.00	PASS
IOQAW	IVIOIT	Н	13.05	\30.00	1700
	НСН	V	20.15		PASS
	11011	Н	13.43		1 700
	Ch	nannel Bandwidth: 5 Mb	Hz		





Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	20.31		DACC
	LCH	Н	13.42		PASS
ODOK	MOLL	V	20.41	-20.00	DACC
QPSK	MCH	Н	14.25	<30.00	PASS
		V	20.25		D4.00
	HCH	Н	13.79		PASS
		V	20.58		
	LCH	Н	12.52		PASS
		V	20.47	• • • • •	
16QAM	MCH	Н	13.64	<30.00	PASS
		V	20.32		
	HCH	Н	13.84		PASS
	Cha	annel Bandwidth: 10 M			
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
		V	20.98	, , ,	
	LCH	Н	14.11		PASS
	MCH	V	20.74	<30.00	
QPSK		Н	13.38		PASS
	НСН	V	20.22		
		Н	14.52		PASS
		V	20.87		
	LCH	Н	13.64	<30.00	PASS
		V	20.36		
16QAM	MCH	Н	13.32		PASS
		V	20.74		
	HCH	Н	13.02		PASS
	LChi	annel Bandwidth: 15 M			
				Limit	
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	(dBm)	Verdict
		V	20.15	(uDIII)	
	LCH	Н	14.28		PASS
		V	20.19		
QPSK	MCH	Н	13.57	<30.00	PASS
		V	20.36		
	HCH	Н	13.69		PASS
		V	19.87		
	LCH	Н	13.59		PASS
16QAM		V	19.52	<30.00	
IUQAW	MCH	H	14.25	\30.00	PASS
	HCH				PASS
	псп	V	19.34		PASS



		Н	14.31		
	Char	nnel Bandwidth: 20 M	Hz		
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	19.68		PASS
	LOH	Н	14.02		PASS
QPSK	MCH	V	19.47	<30.00	PASS
QF3K	WICH	Н	14.36		FAGG
	НСН	V	19.35		PASS
		Н	13.57		FAGG
	LCH	V	19.52		PASS
	LOTT	Н	14.01		FAGG
16QAM	MCH	V	19.05	<30.00	PASS
ToQAIVI	IVICH	Н	14.72	<30.00	FASS
	НСН	V	19.31		PASS
	TIOH	Н	13.78		FAGG

FDD-LTE Band 7

	Channel Bandwidth: 5 MHz						
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict		
	LCH	V	20.74		PASS		
	LCH	Н	12.68		PASS		
QPSK	MCH	V	20.35	<33.00	PASS		
QF3N	IVICIT	Н	13.52	<33.00	FAGG		
	HCH	V	20.14		PASS		
	HOH	Н	12.41		1 700		
	LCH	V	20.87		PASS		
	LOTT	Н	12.69		1700		
16QAM	MCH	V	20.65	<33.00	PASS		
TOQAIVI		Н	13.28		1700		
	НСН	V	20.17		PASS		
		Н	13.63		1 700		
	Cha	nnel Bandwidth: 10 M	Hz				
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict		
	LCH	V	20.98		PASS		
	LON	Н	14.20		PASS		
QPSK	MCH	V	20.41	<33.00	PASS		
QF SIN	IVICIT	Н	14.22	<33.00	FAGG		
	НСН	V	20.65		PASS		
	TICH	Н	14.01		PASS		
16QAM	LCH	V	20.23	<33.00	PASS		



		Н	14.37		
	MCH	V	20.17		PASS
		Н	14.52		
	нсн	V	20.98		PASS
	-	H	13.97		
	Ch	annel Bandwidth: 15 M	Hz I		I
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	20.25		PASS
	LOTT	Н	13.24		1700
QPSK	MCH	V	20.41	<33.00	PASS
QFSK	WICH	Н	13.11	<33.00	FASS
	нен	V	20.28		DACC
	HCH	Н	13.59		PASS
	LCH	V	20.47		PASS
	LON	Н	13.05		PASS
4004M	MCH	V	20.35	<33.00	DACC
16QAM		Н	13.35		PASS
	HOLL	V	20.47		DACC
	HCH	Н	13.57		PASS
	Ch	annel Bandwidth: 20 M	Hz		
Modulation	Channel	Antenna Polar	E.i.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	19.38		PASS
	LON	Н	12.41		PASS
QPSK	MCH	V	19.77	<33.00	PASS
QFSK	IVICH	Н	12.32	<33.00	PASS
	HCH	V	19.25		DACC
	псп	Н	12.47		PASS
	1.011	V	19.97		DACC
	LCH	Н	12.54	1	PASS
460 444	MOLL	V	19.52	.22.00	DACC
16QAM	MCH	Н	12.05	<33.00	PASS
	HOU	V	19.31		DACC
	HCH -	Н	12.39	1	PASS



FDD-LTE Band 17

TED LIE Build 17	Cha	nnel Bandwidth: 5 Mb	Нz		
Modulation	Channel	Antenna Polar	E.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	20.36		PASS
	LOH	Н	13.52		FASS
QPSK	MCH	V	20.28	<34.77	PASS
QI SIX	WCTT	Н	13.29	V34.77	1 700
	HCH	V	20.87		PASS
	11011	Н	13.81		1700
	LCH	V	19.36		PASS
	LOTT	Н	12.52		7
16QAM	MCH	V	19.47	<34.77	PASS
TOQAIVI	IVICH	Н	12.63	<34.77	FAOO
	НСН	V	19.87		PASS
		Н	12.31		PASS
	Cha	nnel Bandwidth: 10 M	Hz		
Modulation	Channel	Antenna Polar	E.r.p [dBm]	Limit (dBm)	Verdict
	LCH	V	19.65		PASS
	LON	Н	12.74		PASS
QPSK	MCH	V	19.22	-2477	DACC
QP5K	MCH	Н	12.36	<34.77	PASS
	HCH	V	19.77		DACC
	HCH	Н	12.52		PASS
	LCU	V	19.63		PASS
	LCH	Н	12.43		PASS
16QAM	MCH	V	19.87	<34.77	PASS
IOQAIVI	IVICT	Н	12.52	<34.//	rass
	ПСП	V	19.79		DV66
	HCH	Н	12.05		PASS

Max. Conducted Output Power

Please refer to Appendix A: Average Power Output Data





5. Peak-to-average Ratio (PAR) of Transmitter

5.1 Standard Applicable

According to §24.232(d), power measurements for transmissions by stations authorized under this section may be made either in accordance with a Commission-approved average power technique or in compliance with paragraph (e) of this section. In both instances, equipment employed must be authorized in accordance with the provisions of §24.51, in measuring transmissions in this band using an average power technique, the peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.

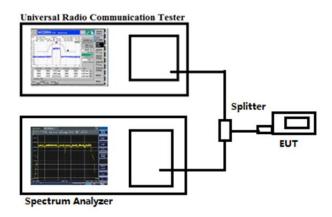
According to §27.50(B), the peak-to-average power ratio (PAPR) of the transmitter output power must not exceed 13 dB. The PAPR measurements should be made using either an instrument with complementary cumulative distribution function (CCDF) capabilities to determine that PAPR will not exceed 13 dB for more than 0.1 percent of the time or other Commission approved procedure. The measurement must be performed using a signal corresponding to the highest PAPR expected during periods of continuous transmission.

5.2 Test Procedure

According with KDB 971168

- 1. The signal analyzer's CCDF measurement profile is enabled
- 2. Frequency = carrier center frequency
- 3. Measurement BW > Emission bandwidth of signal
- 4. The signal analyzer was set to collect one million samples to generate the CCDF curve
- 5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power

Test Configuration for the emission bandwidth testing:



5.3 Summary of Test Results

Please refer to Appendix B: Peak-to-Average Ratio



6. Emission Bandwidth

6.1 Standard Applicable

According to §22.917(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

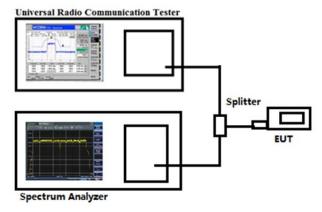
According to §24.238(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

According to §27.53, the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

6.2 Test Procedure

According to §22.917(b), the emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

Test Configuration for the emission bandwidth testing:



6.3 Summary of Test Results/Plots

Please refer to Appendix C: 26dB Bandwidth and Occupied Bandwidth



7. Out of Band Emissions at Antenna Terminal

7.1 Standard Applicable

According to $\S22.917(a)$, the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

According to $\S24.238(a)$, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) \, dB$.

According to §27.53(h), 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 log10 (P) dB.

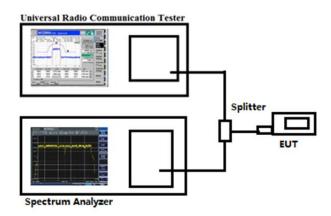
According to \$27.53(g), for operations in the 600 MHz band and the 698-746 MHz band, the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB.

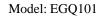
According to \$27.53(m)(4), for mobile digital stations, the attenuation factor shall be not less than 40 + 10 log (P) dB on all frequencies between the channel edge and 5 megahertz from the channel edge, 43 + 10 log (P) dB on all frequencies between 5 megahertz and X megahertz from the channel edge, 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.

7.2 Test Procedure

The RF output terminal of the transmitter was connected to the input of the spectrum analyzer via a suitable attenuation. The RBW of the spectrum analyzer was set to 100kHz and 1MHz for the scan frequency from 30MHz to 1GHz and the scan frequency from 1GHz to up to 10th harmonic.

Test Configuration for the out of band emissions testing:







7.3 Summary of Test Results/Plots

Please refer to Appendix D & E: Band Edge & Conducted Spurious Emission



8. Spurious Radiated Emissions

8.1 Standard Applicable

According to §22.917(a), the power of any emissions outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB.

According to $\S24.238(a)$, the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P) dB$.

According to $\S27.53(h)$, 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.

According to \$27.53(g) the power of any emission outside a licensee's frequency band(s) of operation shall be attenuated below the transmitter power (P) within the licensed band(s) of operation, measured in watts, by at least 43 + 10 log (P) dB.

8.2 Test Procedure

- 1. The setup of EUT is according with per ANSI/TIA-603-E and ANSI C63.4-2014 measurement procedure.
- 2. The measurement antenna was placed at a distance of 3 meters from the EUT. During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.
- 3. The frequency range up to tenth harmonic of the fundamental frequency was investigated.
- 4. Remove the EUT and replace it with substitution antenna. A signal generator was connected to the substitution antenna by a non-radiating cable. The absolute levels of the spurious emissions were measured by the substitution.

Spurious attenuation limit in dB = $43+10 \text{ Log}_{10}$ (power out in Watts)

8.3 Summary of Test Results/Plots

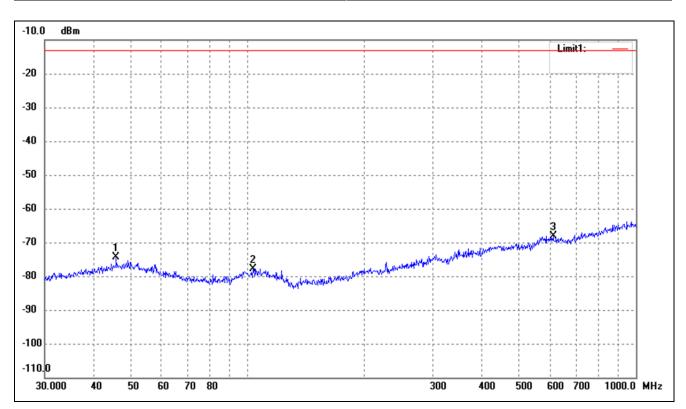
Note: 1. this EUT was tested in 3 orthogonal positions and the worst case position data was reported.

2. All test modes (different bandwidth and different modulation) are performed, but only the worst case is recorded in this report.

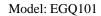


> Spurious Emissions Below 1GHz

Test Mode	FDD_LTE Band 2	Polarity:	Horizontal
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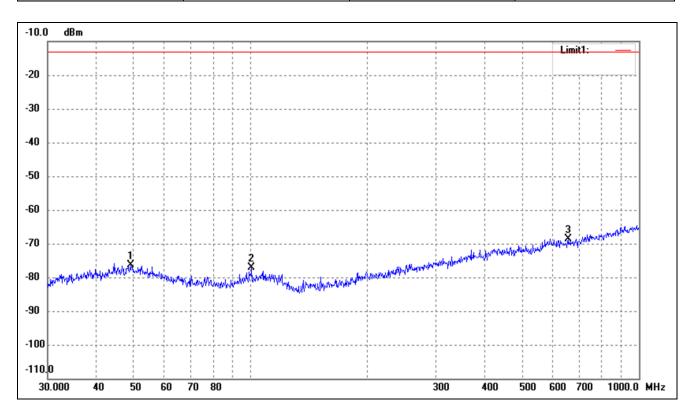


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	45.8553	-74.93	0.52	-74.41	-13.00	-61.41	ERP
2	103.0800	-76.43	-1.33	-77.76	-13.00	-64.76	ERP
3	612.0642	-75.84	7.73	-68.11	-13.00	-55.11	ERP

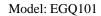






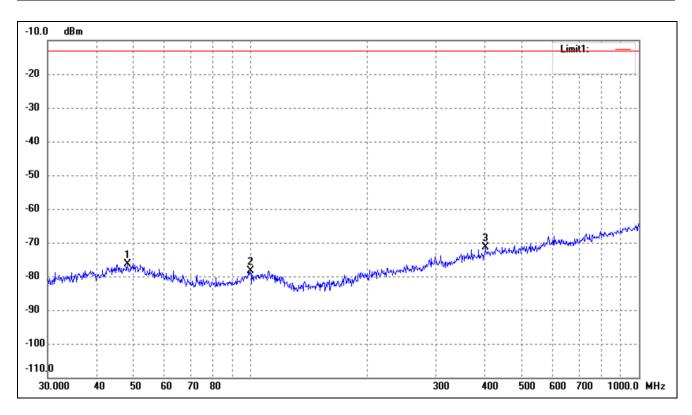


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	49.1866	-77.24	0.75	-76.49	-13.00	-63.49	ERP
2	100.5806	-75.70	-1.37	-77.07	-13.00	-64.07	ERP
3	656.5300	-76.09	7.56	-68.53	-13.00	-55.53	ERP

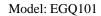






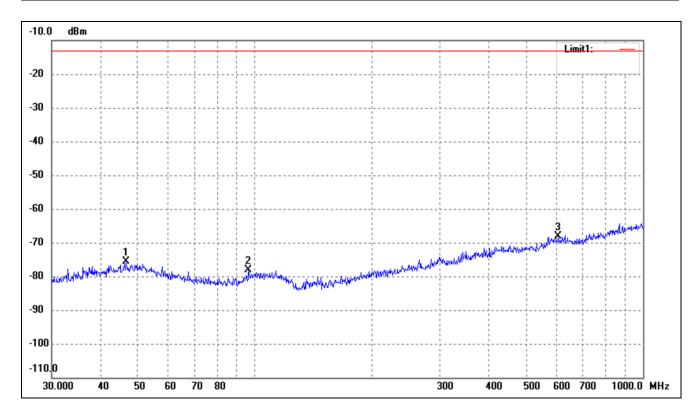


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	48.1626	-77.03	0.68	-76.35	-13.00	-63.35	ERP
2	99.8777	-76.89	-1.41	-78.30	-13.00	-65.30	ERP
3	401.8385	-75.60	4.21	-71.39	-13.00	-58.39	ERP





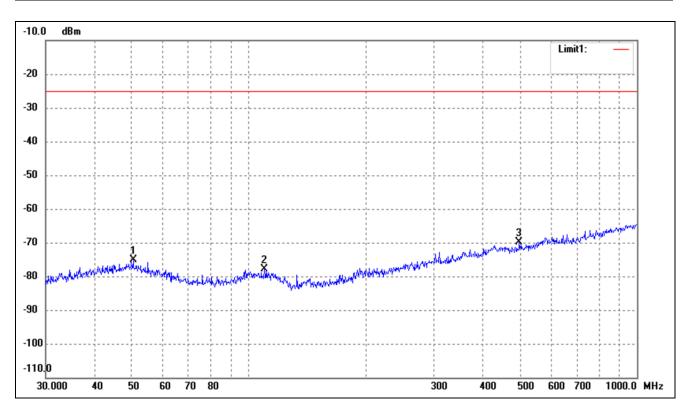




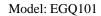
No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	46.6664	-76.26	0.58	-75.68	-13.00	-62.68	ERP
2	96.4362	-75.85	-2.19	-78.04	-13.00	-65.04	ERP
3	605.6592	-75.78	7.75	-68.03	-13.00	-55.03	ERP





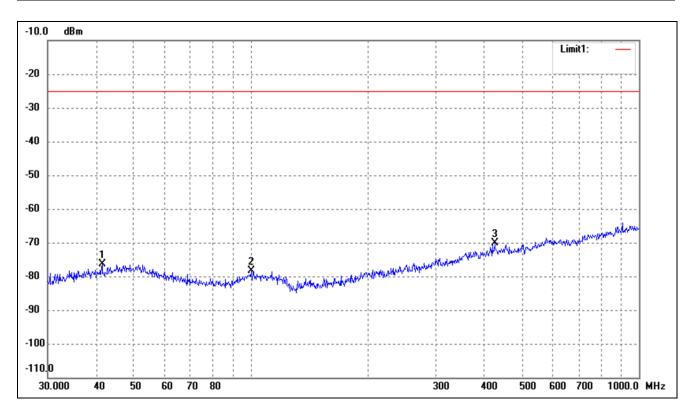


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	50.4089	-75.76	0.72	-75.04	-25.00	-50.04	ERP
2	109.7960	-76.59	-1.22	-77.81	-25.00	-52.81	ERP
3	497.6765	-75.56	5.59	-69.97	-25.00	-44.97	ERP

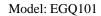






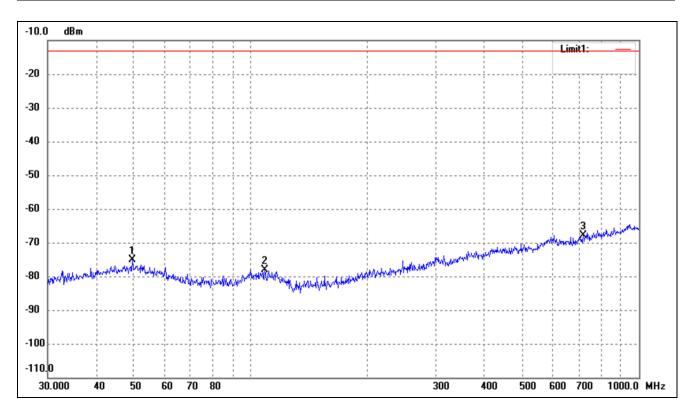


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	41.4215	-75.99	-0.38	-76.37	-25.00	-51.37	ERP
2	100.2286	-76.88	-1.38	-78.26	-25.00	-53.26	ERP
3	425.0280	-75.75	5.61	-70.14	-25.00	-45.14	ERP

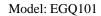






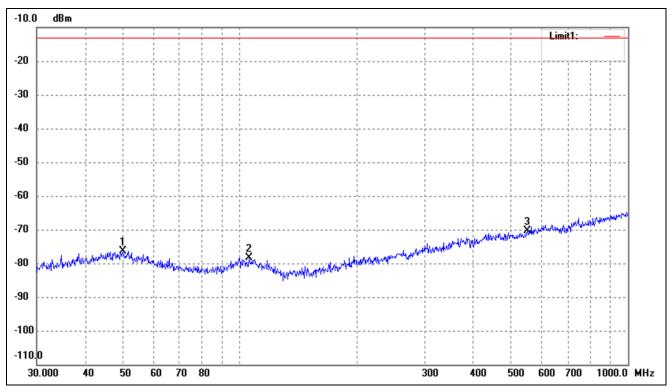


No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	49.5328	-75.96	0.78	-75.18	-13.00	-62.18	ERP
2	108.6470	-76.77	-1.23	-78.00	-13.00	-65.00	ERP
3	719.1995	-76.38	8.60	-67.78	-13.00	-54.78	ERP









No.	Frequency	Reading	Correct	Result	Limit	Margin	Remark
	(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	
1	50.0566	-77.23	0.80	-76.43	-13.00	-63.43	ERP
2	105.6415	-77.06	-1.28	-78.34	-13.00	-65.34	ERP
3	550.9480	-76.83	6.34	-70.49	-13.00	-57.49	ERP

Note: Margin= (Reading+ Correct)- Limit



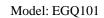
> Spurious Emissions Above 1GHz

For FDD_LTE Band 2 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar					
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V					
	Low Channel (1852.5MHz)										
3705.00	-41.51	10.17	-31.34	-13	-18.34	Н					
5557.50	-48.3	14.69	-33.61	-13	-20.61	Н					
3705.00	-39.96	10.17	-29.79	-13	-16.79	V					
5557.50	-48.61	14.69	-33.92	-13	-20.92	V					
		Middle	e Channel (1880.0	OMHz)							
3760.00	-40.14	10.26	-29.88	-13	-16.88	Н					
5640.00	-47.77	14.78	-32.99	-13	-19.99	Н					
3760.00	-39.44	10.26	-29.18	-13	-16.18	V					
5640.00	-48.36	14.78	-33.58	-13	-20.58	V					
		High	Channel (1907.5)	MHz)							
3815.00	-42.69	10.59	-32.1	-13	-19.1	Н					
5722.50	-49.55	15.03	-34.52	-13	-21.52	Н					
3815.00	-42.79	10.59	-32.2	-13	-19.2	V					
5722.50	-46.83	15.03	-31.8	-13	-18.8	V					

For FDD_LTE Band 4 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar					
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V					
	Low Channel (1712.5MHz)										
3425.00	-33.43	8.65	-24.78	-13	-11.78	Н					
5137.50	-42.89	12.03	-30.86	-13	-17.86	Н					
3425.00	-32.84	8.65	-24.19	-13	-11.19	V					
5137.50	-40.67	12.03	-28.64	-13	-15.64	V					
		Middle	Channel (1732.	5MHz)							
3465.00	-33.22	8.91	-24.31	-13	-11.31	Н					
5197.50	-42.39	12.29	-30.1	-13	-17.10	Н					
3465.00	-32.65	8.91	-23.74	-13	-10.74	V					
5197.50	-39.11	12.29	-26.82	-13	-13.82	V					
		High	Channel (1752.5)	MHz)							
3505.00	-33.63	9.11	-24.52	-13	-11.52	Н					
5257.50	-41.78	12.56	-29.22	-13	-16.22	Н					
3505.00	-32.11	9.11	-23.00	-13	-10.00	V					
5257.50	-40.10	12.56	-27.54	-13	-14.54	V					





For FDD_LTE Band 7 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar					
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V					
	Low Channel (2502.5MHz)										
5005.00	-41.74	11.66	-30.08	-25	-5.08	Н					
7507.50	-49.40	15.09	-34.31	-25	-9.31	Н					
5005.00	-39.55	11.66	-27.89	-25	-2.89	V					
7507.50	-47.23	15.09	-32.14	-25	-7.14	V					
		Midd	le Channel (2535	MHz)							
5070.00	-40.69	11.78	-28.91	-25	-3.91	Н					
7605.00	-47.86	15.21	-32.65	-25	-7.65	Н					
5070.00	-42.94	11.78	-31.16	-25	-6.16	V					
7605.00	-49.10	15.21	-33.89	-25	-8.89	V					
		High	Channel (2567.5)	MHz)							
5135.00	-40.89	11.89	-29.00	-25	-4.00	Н					
7702.50	-47.11	15.32	-31.79	-25	-6.79	Н					
5135.00	-41.6	11.89	-29.71	-25	-4.71	V					
7702.50	-46.17	15.32	-30.85	-25	-5.85	V					

For FDD_LTE Band 17 Mode

Frequency	Reading	Correct	Result	Limit	Margin	Polar					
(MHz)	(dBm)	dB	(dBm)	(dBm)	(dB)	H/V					
	Low Channel (706.5MHz)										
1413.00	-34.62	4.22	-30.4	-13	-17.4	Н					
2119.50	-41.75	7.42	-34.33	-13	-21.33	Н					
1413.00	-35.61	4.22	-31.39	-13	-18.39	V					
2119.50	-43.25	7.42	-35.83	-13	-22.83	V					
		Middl	e Channel (710.0	MHz)							
1420.00	-34.88	4.58	-30.3	-13	-17.3	Н					
2130.00	-44.12	7.69	-36.43	-13	-23.43	Н					
1420.00	-36.88	4.58	-32.3	-13	-19.3	V					
2130.00	-42.34	7.69	-34.65	-13	-21.65	V					
		High	Channel (713.5N	MHz)							
1427.00	-36.74	4.69	-32.05	-13	-19.05	Н					
2140.50	-44.61	7.87	-36.74	-13	-23.74	Н					
1427.00	-35.33	4.69	-30.64	-13	-17.64	V					
2140.50	-44.03	7.87	-36.16	-13	-23.16	V					

Note: Result=Reading+ Correct, Margin= Result- Limit

Note: Testing is carried out with frequency rang 9kHz to the tenth harmonics, other than listed in the table above are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.



9. Frequency Stability

9.1 Standard Applicable

According to \$24.235, \$27.54 the limit is 2.5ppm.

9.2 Test Procedure

According to §2.1055, the following test procedure was performed.

The Frequency Stability is measured directly with a Frequency Domain Analyzer. Frequency Deviation in ppm is calculated from the measured peak to peak value.

The Carrier Frequency Stability over Power Supply Voltage and over Temperature is measured with a Frequency Domain Analyzer in histogram mode

9.3 Summary of Test Results/Plots

Note: 1.Normal Voltage NV=DC3.7V; Low Voltage LV=DC3.33V; High Voltage HV=DC4.07V

Please refer to Appendix F: Frequency Stability

Test result: Pass

***** END OF REPORT *****