FCC TEST REPORT

FCC Part 22 /Part 24

Report Reference No.....:: LCS180712051AEE FCC ID.....:: 2AEJAGOLF3PR Date of Issue.:: August 27, 2018

Testing Laboratory Name Shenzhen LCS Compliance Testing Laboratory Ltd.

1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Address.....:

Bao'an District, Shenzhen, Guangdong, China

Applicant's name..... **GSM GLOBE.COM INC**

134 N.E 1 Street, Miami, Florida, United States 33132 Address....:

Test specification:

FCC Part 22: Public Mobile Services Standard:

FCC Part 24: Personal Communication Services

Test Report Form No: LCSEMC-1.0

TRF Originator....: Shenzhen LCS Compliance Testing Laboratory Ltd.

Master TRF.....: Dated 2011-03

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Test item description:: 3G smartphone

Trade Mark: **GOL**

Model/Type reference....: F3

Listed Models: F3Prime, F3pro, F3plus

DC 3.7V by Rechargeable Li-ion Battery(1400mAh)

Ratings....: Recharged by DC 5V TRAVEL CHARGER

Hardware version: V23 Software version: TBD

Frequency..... GSM 850MHz; PCS 1900MHz

PASS Result....:

Compiled by:

Supervised by:

Approved by:

Leo Lee/ Administrators

Calvin Weng/ Technique principal

Gavin Liang/ Manager

TEST REPORT

August 27, 2018 Test Report No.: LCS180712051AEE Date of issue

Equipment under Test 3G smartphone

Model /Type : F3

Listed Models : F3Prime, F3pro, F3plus

PCB board, structure and internal of these model(s) are the same, Model Declaration

Only model name and shell colors is different for these models.

GSM GLOBE.COM INC Applicant

Address 134 N.E 1 Street, Miami, Florida, United States 33132

Manufacturer : Pretech international co., Ltd

2101G BAK Technology Building, Gaoxin Central Avenue 4th, Address

Nanshan District, Shenzhen 518057, China

Factory Pretech international co., Ltd

2101G BAK Technology Building, Gaoxin Central Avenue 4th, Address

Nanshan District, Shenzhen 518057, China

Test Result:

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

Revison History

Revision	Issue Date	Revisions	Revised By
000	August 27, 2018	Initial Issue	Gavin Liang

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TEST STANDARDS

The tests were performed according to following standards:

FCC Part 22 (10-1-16 Edition): Private Land Mobile Radio Services.

FCC Part 24(10-1-16 Edition): Public Mobile Services.

TIA/EIA 603 D June 2010: Land Mobile FM or PM Communications Equipment Measurement and Performance Standards.

47 CFR FCC Part 15 Subpart B: Unintentional Radiators.

FCC Part 2: Frequency Allocations And Radio Treaty Matters: General Rules And Regulations.

ANSI C63.4:2014: Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and

Electronic Equipment in the Range of 9 kHz to 40 GHz.

2 SUMMARY

2.1 General Remarks

Date of receipt of test sample	:	July 25, 2018
Testing commenced on	:	July 25, 2018
Testing concluded on	:	August 09, 2018

2.2 Product Description

The **GSM GLOBE.COM INC**'s Model: F3 or the "EUT" as referred to in this report; more general information as follows, for more details, refer to the user's manual of the EUT.

Name of EUT 3G smartphone	follows, for more details, refer to the use			
Model Declaration				
Donly model name and shell colors is different for these models.	Model Number			
Test Model F3	Model Declaration			
Modulation Type GMSK for GSM/GPRS; 8-PSK for EDGE; QPSK for UMTS -2.5dBi(Max.) for GSM 850 Band; -1.5dBi(Max.) for GSM 900 Band; -1.5dBi(Max.) for GSM 1800 Band; 0.2dBi(Max.) for GSM 1900 Band; -2.5dBi(Max.) for WCDMA 850 Band; 0.2dBi(Max.) for WCDMA 1900 Band; -0.5dBi(Max.) for WCDMA 1900 Band; 0.5dBi(Max.) for WCDMA 2100 Band 1.6dBi(Max.) for BT and WLAN 1.6dBi(Max.) for BT and WLAN Software version V23 Software version TBD GSMEDGE/GPRS Operation Frequency Band UMTS FDD Band I/II/V LTE Operation Frequency Band UMTS FDD Band I/II/V LTE Operation Frequency Band Not Supported GSM Release Version R99 GSM Release Version R99 GSM/EDGE/GPRS Power Class GSM/B50:Power Class 4/ PCS1900:Power Class 1 GPRS/EDGE Multislot Class GPRS/EDGE: Multi-slot Class 12 GPRS operation mode Class B WCDMA Release Version Release 8 HSDPA Release Version Release 8 HSDPA Release Version Not Supported LTE /UMTS Power Class Class 3 IEEE 802.11p: DFDM(64QAM, 16QAM, QPSK, BPSK) </td <td></td> <td></td>				
Antenna Gain -1.5dBi(Max.) for GSM 80 Band; -1.5dBi(Max.) for GSM 1800 Band; 0.5dBi(Max.) for GSM 1800 Band; 0.2dBi(Max.) for GSM 1800 Band; 0.2dBi(Max.) for WCDMA 1900 Band; 0.2dBi(Max.) for WCDMA 1900 Band; 0.5dBi(Max.) for WCDMA 2100 Band 1.6dBi(Max.) for WCDMA 2100 Band 1.6dBi(Max.) for BT and WLAN 1.6dBi(Max.) fo	Test Model	F3		
Antenna Gain	Modulation Type	GMSK for GSM/GPRS; 8-PSK for EDGE; QPSK for UMTS		
Software versionTBDGSM/EDGE/GPRS OperationGSM850/PCS1900/GPRS850/GPRS1900/EDGE850/EDGE1900Frequency BandUMTS Operation Frequency BandUMTS FDD Band I/II/VLTE Operation Frequency BandNot SupportedGSM/EDGE/GPRSSupported GSM/GPRS/EDGEGSM Release VersionR99GSM/EDGE/GPRS Power ClassGSM850:Power Class 4/ PCS1900:Power Class 1GPRS/EDGE Multislot ClassGPRS/EDGE: Multi-slot Class 12GPRS operation modeClass BWCDMA Release VersionR8HSDPA Release VersionRelease 8HSUPA Release VersionRelease 7DC-HSUPA Release VersionNot SupportedLTE Release VersionNot SupportedLTE/UMTS Power ClassClass 3IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)IEEE 802.11b: DFDM (64QAM, 16QAM, QPSK, BPSK)IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK, BPSK)IEEE 802.11n HT40: 2412-2462MHz / IEEE 802.11g:2412-2462MHzIEEE 802.11n HT40:2412-2462MHz / IEEE 802.11g:2412-2462MHzIEEE 802.11n HT40:2422-2452MHzAntenna TypePIFA AntennaBT Modulation TypeGFSK, π/4-DQPSK, 8-DPSK (BT V4.0)Extreme temp. Tolerance-20°C to +55°CGPS functionSupport and only RXNFC FunctionNot Supported		-1.5dBi(Max.) for GSM 900 Band; 0.5dBi(Max.) for GSM 1800 Band; 0.2dBi(Max.) for GSM 1900 Band; -2.5dBi(Max.) for WCDMA 850 Band; 0.2dBi(Max.) for WCDMA 1900 Band; -0.5dBi(Max.) for WCDMA 2100 Band 1.6dBi(Max.) for BT and WLAN		
GSM/EDGE/GPRS Operation Frequency Band UMTS Operation Frequency Band LTE Operation Frequency Band LTE Operation Frequency Band UMTS FDD Band I/II/V Not Supported GSM/EDGE/GPRS Supported GSM/GPRS/EDGE GSM Release Version R99 GSM/EDGE/GPRS Power Class GPRS/EDGE Multislot Class GPRS/EDGE Multislot Class GPRS/EDGE Multislot Class 12 GPRS/EDGE: Multi-slot Class 1				
Frequency Band UMTS Operation Frequency Band UMTS Spand IVII/V LTE Operation Frequency Band Not Supported SMEDGE/GPRS Supported GSM/GPRS/EDGE GSM Release Version R99 GSM/EDGE/GPRS Power Class GPRS/EDGE Multislot Class GPRS/EDGE Multislot Class GPRS/EDGE Multislot Class B WCDMA Release Version R8 HSDPA Release Version Release 7 DC-HSUPA Release Version LTE Release Version LTE/UMTS Power Class WLAN FCC Modulation Type WLAN FCC Operation frequency WLAN FCC Operation frequency BT Modulation Type BT Modulation Type BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance GSM/SDPS/EDGE: Multi-VII/V Supported CIass A UMTS FDD Band I/II/V UMTS FDD Band I/II/V UMTS FDD Band I/II/V Not Supported Class 12 GSM850:Power Class 12 GPRS/EDGE: Multi-slot Class 12 Class B WCDMA Release Version Release 8 HSUPA Release Version Not Supported Class 3 IEEE 802.11b DSSS(CCK,DQPSK,DBPSK) IEEE 802.11b DSSS(CCK,DQPSK,DBPSK) IEEE 802.11b HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11b HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11b L32412-2462MHz IEEE 802.11g: 2412-2462MHz IEEE 802.11b HT40: 2422-2452MHz IEEE 802.11n HT40:		TBD		
LTE Operation Frequency BandNot SupportedGSM/EDGE/GPRSSupported GSM/GPRS/EDGEGSM Release VersionR99GSM/EDGE/GPRS Power ClassGSM850:Power Class 4/ PCS1900:Power Class 1GPRS/EDGE Multislot ClassGPRS/EDGE: Multi-slot Class 12GPRS operation modeClass BWCDMA Release VersionR8HSDPA Release VersionRelease 8HSUPA Release VersionNot SupportedLTE Release VersionNot SupportedLTE Release VersionNot SupportedLTE/JMTS Power ClassClass 3IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)WLAN FCC Operation frequencyIEEE 802.11n HT40: 2412-2462MHz / IEEE 802.11g:2412-2462MHzWLAN FC Operation frequencyIEEE 802.11n HT40:2422-2452MHzAntenna TypePIFA AntennaBT Modulation TypeGFSK, π/4-DQPSK, 8-DPSK (BT V4.0)Extreme temp. Tolerance-20°C to +55°CGPS functionSupport and only RXNFC FunctionNot Supported		GSM850/PCS1900/GPRS850/GPRS1900/EDGE850/EDGE1900		
GSM/EDGE/GPRS GSM Release Version GSM/EDGE/GPRS Power Class GSM850:Power Class 4/ PCS1900:Power Class 1 GPRS/EDGE Multislot Class GPRS/EDGE: Multi-slot Class 12 GPRS operation mode WCDMA Release Version HSDPA Release Version Release 7 DC-HSUPA Release Version Not Supported LTE Release Version LTE Release Version LTE/UMTS Power Class WLAN FCC Modulation Type WLAN FCC Operation frequency MILEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11b: DSSS(CKK,DQPSK,DBPSK) IEEE 802.11b: DSSS(CKK,DQPSK,DBPSK) IEEE 802.11b: DSSS(CKK,DQPSK,DBPSK) IEEE 802.11b: DSSS(CKK,DQPSK,DBPS	UMTS Operation Frequency Band	UMTS FDD Band I/II/V		
GSM Release Version R99 GSM/EDGE/GPRS Power Class GSM850:Power Class 4/ PCS1900:Power Class 1 GPRS/EDGE Multislot Class GPRS/EDGE: Multi-slot Class 12 GPRS operation mode Class B WCDMA Release Version R8 HSDPA Release Version Release 8 HSUPA Release Version Not Supported LTE Release Version Not Supported LTE/UMTS Power Class Class 3 IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: 2412-2462MHz / IEEE 802.11g:2412-2462MHz IEEE 802.11n HT20:2412-2462MHz / IEEE 802.11g:2412-2462MHz IEEE 802.11n HT40:2422-2452MHz Antenna Type PIFA Antenna BT Modulation Type GFSK, m/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX NFC Function Not Supported	LTE Operation Frequency Band	Not Supported		
GSM/EDGE/GPRS Power Class GPRS/EDGE Multislot Class GPRS/EDGE: Multi-slot Class 12 GPRS operation mode Class B WCDMA Release Version R8 HSDPA Release Version Release 7 DC-HSUPA Release Version Not Supported LTE Release Version Not Supported LTE/UMTS Power Class WLAN FCC Modulation Type IEEE 802.11b: DSSS(CCK, DQPSK, DBPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11n HT40: 2422-2452MHz IEEE 802.11n HT40: 2422-2452MHz Antenna Type PIFA Antenna BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance GPS function Support and only RX FM function Not Supported	GSM/EDGE/GPRS	Supported GSM/GPRS/EDGE		
GPRS/EDGE Multislot Class GPRS/EDGE: Multi-slot Class 12 GPRS operation mode Class B WCDMA Release Version R8 HSDPA Release Version Release 8 HSUPA Release Version Not Supported LTE Release Version Not Supported LTE/UMTS Power Class Class 3 WLAN FCC Modulation Type IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)	GSM Release Version			
GPRS operation mode Class B WCDMA Release Version R8 HSDPA Release Version Release 8 HSUPA Release Version Release 7 DC-HSUPA Release Version Not Supported LTE Release Version Not Supported LTE/UMTS Power Class Class 3 WLAN FCC Modulation Type IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11b: 2412-2462MHz / IEEE 802.11g: 2412-2462MHz IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11n HT40: 2422-2452MHz Antenna Type PIFA Antenna BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX FM function Support and only RX NFC Function Not Supported		GSM850:Power Class 4/ PCS1900:Power Class 1		
WCDMA Release VersionR8HSDPA Release VersionRelease 8HSUPA Release VersionRelease 7DC-HSUPA Release VersionNot SupportedLTE Release VersionNot SupportedLTE/UMTS Power ClassClass 3WLAN FCC Modulation TypeIEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)WLAN FCC Operation frequencyIEEE 802.11b:2412-2462MHz / IEEE 802.11g:2412-2462MHz IEEE 802.11n HT40:2412-2462MHzAntenna TypePIFA AntennaBT Modulation TypeGFSK, π/4-DQPSK, 8-DPSK (BT V4.0)Extreme temp. Tolerance-20°C to +55°CGPS functionSupport and only RXFM functionSupport and only RXNFC FunctionNot Supported	GPRS/EDGE Multislot Class	GPRS/EDGE: Multi-slot Class 12		
HSDPA Release Version Release 8	GPRS operation mode	Class B		
DC-HSUPA Release Version Not Supported	WCDMA Release Version	R8		
DC-HSUPA Release VersionNot SupportedLTE Release VersionNot SupportedLTE/UMTS Power ClassClass 3WLAN FCC Modulation TypeIEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)WLAN FCC Operation frequencyIEEE 802.11b:2412-2462MHz / IEEE 802.11g:2412-2462MHz IEEE 802.11n HT20:2412-2462MHz IEEE 802.11n HT40:2422-2452MHzAntenna TypePIFA AntennaBT Modulation TypeGFSK, π/4-DQPSK, 8-DPSK (BT V4.0)Extreme temp. Tolerance-20°C to +55°CGPS functionSupport and only RXFM functionSupport and only RXNFC FunctionNot Supported	HSDPA Release Version	Release 8		
LTE Release Version Not Supported LTE/UMTS Power Class Class 3 WLAN FCC Modulation Type IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: 2412-2462MHz / IEEE 802.11g: 2412-2462MHz IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11n HT40: 2422-2452MHz Antenna Type BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX FM function Not Supported	HSUPA Release Version	Release 7		
LTE/UMTS Power Class Class 3 WLAN FCC Modulation Type IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK)	DC-HSUPA Release Version	Not Supported		
IEEE 802.11b: DSSS(CCK,DQPSK,DBPSK) IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11g: 2412-2462MHz IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11n HT40: 2422-2452MHz IEEE 802.11n HT40: 24	LTE Release Version	Not Supported		
WLAN FCC Modulation Type IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: 2412-2462MHz / IEEE 802.11g: 2412-2462MHz IEEE 802.11n HT20: 2412-2462MHz IEEE 802.11n HT40: 2422-2452MHz PIFA Antenna BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX FM function Not Supported	LTE/UMTS Power Class	Class 3		
WLAN FCC Operation frequencyIEEE 802.11n HT20:2412-2462MHzIEEE 802.11n HT40:2422-2452MHzAntenna TypePIFA AntennaBT Modulation TypeGFSK, π/4-DQPSK, 8-DPSK (BT V4.0)Extreme temp. Tolerance-20°C to +55°CGPS functionSupport and only RXFM functionSupport and only RXNFC FunctionNot Supported		IEEE 802.11g: OFDM(64QAM, 16QAM, QPSK, BPSK) IEEE 802.11n HT20: OFDM (64QAM, 16QAM, QPSK,BPSK) IEEE 802.11n HT40: OFDM (64QAM, 16QAM, QPSK,BPSK)		
BT Modulation Type GFSK, π/4-DQPSK, 8-DPSK (BT V4.0) Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX FM function Support and only RX NFC Function Not Supported		IEEE 802.11n HT20:2412-2462MHz IEEE 802.11n HT40:2422-2452MHz		
Extreme temp. Tolerance -20°C to +55°C GPS function Support and only RX FM function Support and only RX NFC Function Not Supported				
GPS function Support and only RX FM function Support and only RX NFC Function Not Supported	• •	, ,		
FM function Support and only RX NFC Function Not Supported				
NFC Function Not Supported				
		11 /		
Extreme vol. Limits 3.40VDC to 4.20VDC (nominal: 3.70VDC)				
	Extreme vol. Limits	3.40VDC to 4.20VDC (nominal: 3.70VDC)		

2.3 **Equipment under Test**

Power supply system utilised

Power supply voltage	:	0	120V / 60 Hz	0	115V / 60Hz
		0	12 V DC	0	24 V DC
		•	Other (specified in blank bel	ow)	

DC 3.70V

Test frequency list

Test Mode	TX/RX	RF Channel				
i est ivioue	IA/KA	Low(L)	Middle (M)	High (H)		
	TX	Channel 128	Channel 190	Channel 251		
GSM850	IA	824.2 MHz	836.6 MHz	848.8 MHz		
GSIVIOSU	RX	Channel 128	Channel 190	Channel 251		
	ľΛ	869.2 MHz	881.6 MHz	893.8 MHz		
Test Mode	Test Mode TX/RX		RF Channel			
i est ivioue	I A/KA	Low(L)	Middle (M)	High (H)		
	TX	Channel 512	Channel 661	Channel 810		
GSM1900	17	1850.2 MHz	1880.0 MHz	1909.8 MHz		
G31VI 1900	RX	Channel 512	Channel 661	Channel 810		
	KΛ	1930.2 MHz	1960.0 MHz	1989.8 MHz		

Short description of the Equipment under Test (EUT)

2.4.1 General Description

F3 is subscriber equipment in the WCDMA/GSM system. The HSPA/UMTS frequency band is Band I/II/V. The GSM/GPRS/EDGE frequency band includes GSM850 and GSM900 and DCS1800 and PCS1900, but only GSM850 and PCS1900 bands test data included in this report. The 3G smartphone implements such functions as RF signal receiving/transmitting, HSPA/UMTS and GSM/GPRS/EDGE protocol processing, voice, video MMS service and etc. Externally it provides SIM card interface.

NOTE: Unless otherwise noted in the report, the functional boards installed in the units shall be selected from the below list, but not means all the functional boards listed below shall be installed in one unit.

2.5 Internal Identification of AE used during the test

AE ID*	Description	
AE1	Battery (1400mAh)	
AE2	TRAVEL CHARGER	

AE2

Model: F3 prime

INPUT: AC 100-240V, 50Hz 0.2A Max.

OUTPUT: DC 5V/1A

*AE ID: is used to identify the test sample in the lab internally.

2.6 Normal Accessory setting

Fully charged battery was used during the test.

2.7 EUT configuration

The following peripheral devices and interface cables were connected during the measurement:

- supplied by the manufacturer
- O supplied by the lab

0	Power Cable	Length (m):	/
		Shield :	/
		Detachable :	/
0	Multimeter	Manufacturer:	/
		Model No.:	/

2.8 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: 2AEJAGOLF3PR filing to comply with FCC Part 22 and Part 24 Rules.

2.9 **Modifications**

No modifications were implemented to meet testing criteria.

2.10 General Test Conditions/Configurations

2.10.1 Test Modes

NOTE: The test mode(s) are selected according to relevant radio technology specifications.

Test Mode	Test Modes Description	
GSM/TM1	GSM system, GSM,GMSK modulation	
GSM/TM2	GSM system, GPRS, GMSK modulation	
GSM/TM3	GSM system, EDGE, 8PSK modulation	

- 1. This EUT owns two SIM cards, SIM 1 support GSM/UMTS, SIM 2 support GSM;
- 2. We meausred conducted power at both SIM 1 and SIM 2, recorded worst case at SIM 1, after pre-check, we measured other items at SIM 1;
- As GSM and GPRS with the same emission designator, test result recorded in this report at the worst case GSM/TM1 only after exploratory scan.

2.10.2 Test Environment

Environment Parameter	Selected Values During Tests			
Relative Humidity	Ambient			
Temperature	TN	Ambient		
	VL	3.30V		
Voltage	VN	3.70V		
	VH	4.20V		

NOTE: VL=lower extreme test voltage VN=nominal voltage VH=upper extreme test voltage TN=normal temperature

TEST ENVIRONMENT

3.1 Address of the test laboratory

Shenzhen LCS Compliance Testing Laboratory Ltd

1/F., Xingyuan Industrial Park, Tongda Road, Bao'an Avenue, Bao'an District, Shenzhen, Guangdong,

The sites are constructed in conformance with the requirements of ANSI C63.4 (2014) and CISPR Publication 22.

3.2 Test Facility

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

FCC Registration Number. is 254912. Industry Canada Registration Number. is 9642A-1. ESMD Registration Number. is ARCB0108. UL Registration Number. is 100571-492. TUV SUD Registration Number. is SCN1081. TUV RH Registration Number. is UA 50296516-001 NVLAP Registration Code is 600167-0

3.3 **Environmental conditions**

During the measurement the environmental conditions were within the listed ranges:

Temperature:	15-35 ° C
Humidity:	30-60 %
Atmospheric pressure:	950-1050mbar

3.4 Test Description

3.4.1 Cellular Band (824-849MHz paired with 869-894MHz)

•	•	•	
Test Item	FCC Rule No.	Requirements	Verdict
Effective(Isotropic) Radiated	§2.1046,	FCC: ERP ≤ 7W.	Pass
Output Power	§22.913	ISED: ERP ≤ 11.5W.	rass
Modulation Characteristics	§2.1047	Digital modulation	N/A
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Pass
Band Edges Compliance	§2.1051, §22.917	≤-13dBm/1%*EBW, in 1MHz bands immediately outside and adjacent to The frequency block.	Pass
Spurious Emission at Antenna Terminals	§2.1051, §22.917	≤ -13dBm/100kHz, from 9kHz to 10th harmonics but outside authorized operating frequency ranges.	Pass
Field Strength of Spurious Radiation	§2.1053, §22.917	≤ -13dBm/100kHz.	Pass
Frequency Stability	§2.1055, §22.355	≤ ±2.5ppm.	Pass
Peak-Average Ratio	§24.232	IC:Limit≤13dB	Pass
Receiver Spurious Emissions	N/A		Pass
NOTE 1: For the verdict, the "N/A	A" denotes "not application	able", the "N/T" de notes "not tested".	

3.4.2 PCS Band (1850-1915MHz paired with 1930-1995MHz)

Test Item FCC Rule No.		Requirements	Verdict
Effective(Isotropic) Radiated \$2.1046, Output Power \$24.232		EIRP ≤ 2W	Pass
Peak-Average Ratio	§2.1046, §24.232	≤13dB	Pass
Modulation Characteristics	§2.1047	Digital modulation	N/A
Bandwidth	§2.1049	OBW: No limit. EBW: No limit.	Pass
Band Edges Compliance	§2.1051, §24.238	≤ -13dBm/1%*EBW, In 1MHz bands immediately outside and adjacent to The frequency block.	Pass
Spurious Emission at Antenna Terminals	§2.1051, §24.238	≤-13dBm/1MHz, from 9kHz to10th harmonics but outside authorized Operating frequency ranges.	Pass
Field Strength of Spurious Radiation	§2.1053, §24.238	≤ -13dBm/1MHz.	Pass
Frequency Stability	§2.1055, §24.235	≤ ±2.5ppm.	Pass
Receiver Spurious Emissions	N/A		Pass
NOTE 1: For the verdict, the "I	N/A" denotes "no	t applicable", the "N/T" de notes "not tested".	

Remark: 1. The measurement uncertainty is not included in the test result.

Equipments Used during the Test 3.5

Item	Equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Power Meter	R&S	NRVS	100444	2018-06-16	2019-06-15
2	Power Sensor	R&S	NRV-Z81	100458	2018-06-16	2019-06-15
3	Power Sensor	R&S	NRV-Z32	10057	2018-06-16	2019-06-15
4	ESA-E SERIES SPECTRUM ANALYZER	Agilent	E4407B	MY41440754	2017-11-17	2018-11-16
5	MXA Signal Analyzer	Agilent	N9020A	MY49100040	2018-06-16	2019-06-15
6	SPECTRUM ANALYZER	R&S	FSP	100503	2018-06-16	2019-06-15
7	MXG Vector Signal Generator	Agilent	N5182A	MY47071151	2017-11-17	2018-11-16
8	ESG VECTOR SIGNAL GENERATOR	Agilent	E4438C	MY42081396	2017-11-17	2018-11-16
9	PSG Analog Signal Generator	Agilent	E8257D	MY4520521	2017-11-17	2018-11-16
10	Universal Radio Communication Tester	R&S	CMU 200	105788	2018-06-16	2019-06-15
11	WIDEBAND RADIO COMMUNICATION TESTER	R&S	CMW 500	103818	2018-06-16	2019-06-15
12	RF Control Unit	Tonscend	JS0806-1	158060009	2018-06-16	2019-06-15
13	DC Power Supply	Agilent	E3642A	N/A	2017-11-17	2018-11-16
14	GSM Test Software	Tonscend	JS1120-4	N/A	N/A	N/A
15	Temperature & Humidity Chamber	GUANGZHOU GOGNWEN	GDS-100	70932	2017-10-11	2018-10-10
16	DC Source	CHROMA	62012P-80-60	34782951	2017-10-11	2018-10-10
17	RF Filter	Micro-Tronics	BRC50718	S/N-017	2018-06-16	2019-06-15
18	RF Filter	Micro-Tronics	BRC50719	S/N-011	2018-06-16	2019-06-15
19	RF Filter	Micro-Tronics	BRC50720	S/N-011	2018-06-16	2019-06-15
20	RF Filter	Micro-Tronics	BRC50721	S/N-013	2018-06-16	2019-06-15
21	RF Filter	Micro-Tronics	BRM50702	S/N-195	2018-06-16	2019-06-15
22	Splitter/Combiner	Micro-Tronics	PS2-15	CB11-20	2018-06-16	2019-06-15
23	Splitter/Combiner	Micro-Tronics	CB11-20	N/A	2018-06-16	2019-06-15
24	Attenuator	Micro-Tronics	PAS-8-10	S/N23466	2018-06-16	2019-06-15
25	Exposure Level Tester	Narda	ELT-400	N-0713	2018-04-02	2019-04-01
26	B-Field Probe	Narda	ELT-400	M-1154	2018-04-10	2019-04-09
27	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2018-06-16	2019-06-15
28	Positioning Controller	MF	MF-7082	1	2018-06-16	2019-06-15
29	EMI Test Software	AUDIX	E3	N/A	2018-06-16	2019-06-15
30	EMI Test Receiver	R&S	ESR 7	101181	2018-06-16	2019-06-15
31	AMPLIFIER	QuieTek	QTK-A2525G	CHM10809065	2017-11-17	2018-11-16
32	Active Loop Antenna	SCHWARZBECK	FMZB 1519B	00005	2018-06-22	2019-06-21
33	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2018-05-01	2019-04-30
34	Horn Antenna	SCHWARZBECK	BBHA 9120 D	9120D-1925	2018-07-02	2019-07-01
35	Broadband Horn Antenna	SCHWARZBECK	BBHA 9170	791	2017-09-21	2018-09-20
36	Broadband Preamplifier	SCHWARZBECK	BBV 9719	9719-025	2017-09-21	2018-09-20
37	RF Cable-R03m	Jye Bao	RG142	CB021	2018-06-16	2019-06-15
38	RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	2018-06-16	2019-06-15
Note: All	equipment is calibrated through GUANG	ZHOU LISAI CALĪBR	ATION AND TEST O	CO.,LTD.		

3.6 **Measurement uncertainty**

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. to ETSI TR 100 028 " Electromagnetic compatibility and Radio spectrum Matters (ERM); Uncertainties in the measurement of mobile radio equipment characteristics" and is documented in the Shenzhen LCS Compliance Testing Laboratory Ltd. quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

Hereafter the best measurement capability for Shenzhen LCS Compliance Testing Laboratory Ltd. is reported:

Test	Range	Measurement Uncertainty	Notes
Radiated Emission	30~1000MHz	3.10 dB	(1)
Radiated Emission	1~18GHz	3.80 dB	(1)
Radiated Emission	18-40GHz	3.90 dB	(1)
Conducted Disturbance	0.15~30MHz	1.63 dB	(1)
Conducted Power	9KHz~18GHz	0.61 dB	(1)
Spurious RF Conducted Emission	9KHz~40GHz	1.22 dB	(1)
Band Edge Compliance of RF Emission	9KHz~40GHz	1.22 dB	(1)
Occuiped Bandwidth	9KHz~40GHz	-	(1)

⁽¹⁾ This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=1.96.

TEST CONDITIONS AND RESULTS

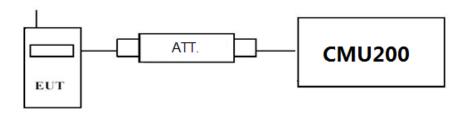
4.1 Output Power

TEST APPLICABLE

During the process of testing, the EUT was controlled via R&S Digital Radio Communication tester (CMU200) to ensure max power transmission and proper modulation. This result contains output power and EIRP measurements for the EUT. In all cases, output power is within the specified limits.

4.1.1 Conducted Output Power

TEST CONFIGURATION



TEST PROCEDURE

Conducted Power Measurement:

- Place the EUT on a bench and set it in transmitting mode.
- Connect a low loss RF cable from the antenna port to a CMU200 by an Att.
- EUT Communicate with CMU200 then selects a channel for testing.
- d) Add a correction factor to the display CMU200, and then test.

TEST RESULTS

<SIM1>

GSM 850		Burst Average Conducted power (dBm)			
		Channel/Frequency(MHz)			
		128/824.2	190/836.6	251/848.8	
G	SSM	32.45	32.55	32.51	
	1TX slot	32.39	32.44	32.35	
GPRS	2TX slot	30.77	30.86	30.84	
(GMSK)	3TX slot	29.77	29.80	29.72	
	4TX slot	28.23	28.28	28.23	
	1TX slot	26.31	26.39	26.35	
EDGE	2TX slot	24.04	24.14	24.13	
(8PSK)	3TX slot	22.60	22.66	22.57	
	4TX slot	21.15	21.20	21.08	

GSM 1900		Burst Average Conducted power (dBm)			
		Channel/Frequency(MHz)			
		512/1850.2	661/1880	810/1909.8	
G:	SM	29.48	29.53	29.45	
	1TX slot	29.31	29.40	29.37	
GPRS	2TX slot	27.70	27.81	27.74	
(GMSK)	3TX slot	26.82	26.88	26.81	
	4TX slot	25.31	25.37	25.32	
	1TX slot	25.78	25.86	25.77	
EDGE	2TX slot	23.59	23.65	23.56	
(8PSK)	3TX slot	22.09	22.15	22.13	
	4TX slot	20.62	20.64	20.58	

<SIM2>

GSM 850		Burst Average Conducted power (dBm)			
		Channel/Frequency(MHz)			
		128/824.2	190/836.6	251/848.8	
	SSM	32.26	32.33	32.19	
	1TX slot	32.14	32.24	32.20	
GPRS	2TX slot	30.62	30.65	30.56	
(GMSK)	3TX slot	29.34	29.35	29.26	
	4TX slot	27.71	27.77	27.73	
	1TX slot	25.79	25.83	25.78	
EDGE	2TX slot	23.96	23.98	23.94	
(8PSK)	3TX slot	22.40	22.47	22.37	
	4TX slot	20.88	20.94	20.87	

		Burst Average Conducted power (dBm)			
GSM 1900		Channel/Frequency(MHz)			
		512/1850.2	661/1880	810/1909.8	
GS	M	29.24	29.29	29.22	
	1TX slot	29.05	29.11	29.09	
GPRS	2TX slot	27.55	27.61	27.55	
(GMSK)	3TX slot	26.29	26.39	26.25	
	4TX slot	24.82	24.89	24.85	
	1TX slot	25.31	25.36	25.28	
EDGE	2TX slot	23.40	23.53	23.46	
(8PSK)	3TX slot	21.96	22.02	21.94	
	4TX slot	20.51	20.57	20.47	

4.1.2 Radiated Output Power

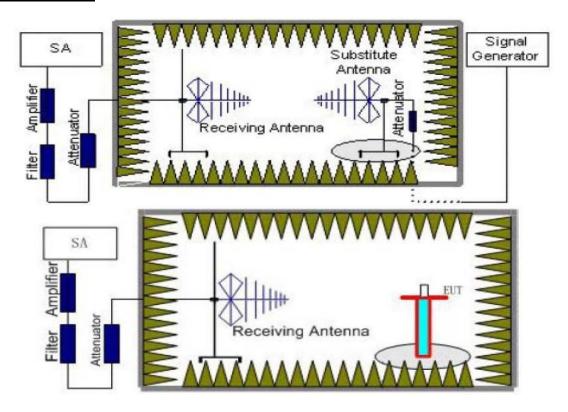
TEST DESCRIPTION

This is the test for the maximum radiated power from the EUT.

Per rule Part 24.232(c) specifies, "Mobile/portable stations are limited to 2 watts e.i.r.p. Peak power" and 24.232(e) specifies that "Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage."

Per rule Part 22.913(a) specifies "The ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts."

TEST CONFIGURATION



TEST PROCEDURE

- 1. EUT was placed on a 1.50 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.50 m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
- 2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- 3. The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz, And the maximum value of the receiver should be recorded as (P_r).
- The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the

- previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.
- 5. A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pci), the Substitution Antenna Gain (Ga) and the Amplifier Gain (P_{Ag}) should be recorded after test.

The measurement results are obtained as described below:

- Power(EIRP)= P_{Mea} + P_{Ag} P_{cl} + G_a
- This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
- 7. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP-2.15dBi.

TEST LIMIT

According to 22.913(a), 24.232(c), the ERP should be not exceed following table limits:

GSM850(GPRS850,EDGE850)							
Function	Power Step	Burst Peak ERP (dBm)					
GSM	5	FCC: ≤38.45dBm (7W)					
GPRS	3	FCC: ≤38.45dBm (7W)					
EDGE	8	FCC: ≤38.45dBm (7W)					

PCS1900(GPRS1900,EDGE1900)						
Function	Power Step	Burst Peak EIRP (dBm)				
GSM	0	≤33.01dBm (2W)				
GPRS	3	≤33.01dBm (2W)				
EDGE	2	≤33.01dBm (2W)				

TEST RESULTS

Remark:

- 1. We were tested all Configuration refer 3GPP TS151 010.
- 2. $EIRP=P_{Mea}(dBm)-P_{cl}(dB)+P_{Aq}(dB)+G_a(dBi)$
- 3. ERP = EIRP 2.15dBi as EIRP by subtracting the gain of the dipole.
- 4. Margin = Emission Level Limit
- 5. We test the H direction and V direction recorded worst case.

GSM/TM1/GSM850

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Aq} (dB)	Burst Average ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
824.20	-6.95	3.45	8.45	2.15	33.79	29.69	38.45	-8.76	V
836.60	-6.92	3.49	8.45	2.15	33.85	29.74	38.45	-8.71	V
848.80	-7.08	3.55	8.36	2.15	33.88	29.46	38.45	-8.99	V

GSM/TM3/EDGE850

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	Correction (dB)	P _{Aq} (dB)	Burst Average ERP (dBm)	Limit (dBm)	Margin (dB)	Polarization
824.20	-12.07	3.45	8.45	2.15	33.79	24.57	38.45	-13.88	V
836.60	-11.92	3.49	8.45	2.15	33.85	24.74	38.45	-13.71	V
848.80	-12.08	3.55	8.36	2.15	33.88	24.46	38.45	-13.99	V

GSM/TM1/GSM1900

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Aq} (dB)	Burst Average EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.20	-12.07	4.03	8.38	35.51	27.79	33.01	-5.22	V
1880.00	-11.94	4.08	8.33	35.56	27.87	33.01	-5.14	V
1909.80	-12.08	4.14	8.26	35.63	27.67	33.01	-5.34	V

GSM/TM3/EDGE1900

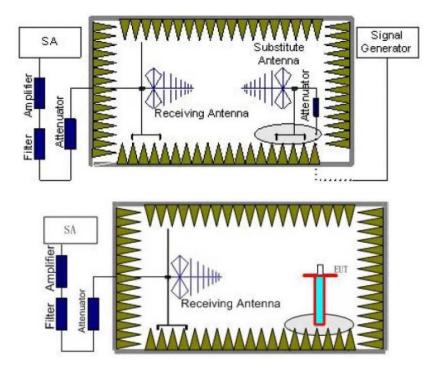
Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	G _a Antenna Gain(dB)	P _{Aq} (dB)	Burst Average EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1850.20	-17.09	4.03	8.38	35.51	22.77	33.01	-10.24	V
1880.00	-16.95	4.08	8.33	35.56	22.86	33.01	-10.15	V
1909.80	-17.05	4.14	8.26	35.63	22.70	33.01	-10.31	V

4.2 **Radiated Spurious Emssion**

TEST APPLICABLE

According to the TIA/EIA 603D:2010 and FCC Part 2.1033 test method. The Receiver or Spectrum was scanned from lowest frequency frequency generated within the equipment to the 10th harmonic of the highest frequency generated within the equipment, which is the transmitted carrier that can be as high as 1910 MHz. The resolution bandwidth is set as outlined in Part 24.238, Part 22.917, RSS-132 §5.5 and RSS-133 §6.5. The spectrum is scanned with the mobile station transmitting at carrier frequencies that pertain to low, mid and high channels of PCS1900 and GSM850.

TEST CONFIGURATION



TEST PROCEDURE

- 1. EUT was placed on a 1.50 meter high non-conductive stand at a 3 meter test distance from the receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT for emission measurements. The height of receiving antenna is 1.50 m. Detected emissions were maximized at each frequency by rotating the EUT through 360° and adjusting the receiving antenna polarization. The radiated emission measurements of all transmit frequencies in three channels (High, Middle, Low) were measured with peak detector.
- 2. A log-periodic antenna or double-ridged waveguide horn antenna shall be substituted in place of the EUT. The log-periodic antenna will be driven by a signal generator and the level will be adjusted till the same power value on the spectrum analyzer or receiver. The level of the spurious emissions can be calculated through the level of the signal generator, cable loss, the gain of the substitution antenna and the reading of the spectrum analyzer or receiver.
- The EUT is then put into continuously transmitting mode at its maximum power level during the test. Set Test Receiver or Spectrum RBW=1MHz, VBW=3MHz, And the maximum value of the receiver should be recorded as (P_r).
- The EUT shall be replaced by a substitution antenna. In the chamber, an substitution antenna for the frequency band of interest is placed at the reference point of the chamber. An RF Signal source for the frequency band of interest is connected to the substitution antenna with a cable that has been constructed to not interfere with the radiation pattern of the antenna. A power (P_{Mea}) is applied to the input of the substitution antenna, and adjust the level of the signal generator output until the value of the receiver reach the previously recorded (P_r). The power of signal source (P_{Mea}) is recorded. The test should be performed by rotating the test item and adjusting the receiving antenna polarization.

- A amplifier should be connected to the Signal Source output port. And the cable should be connect between the Amplifier and the Substitution Antenna. The cable loss (Pcl), the Substitution Antenna Gain (Ga) and the Amplifier Gain (P_{Aq}) should be recorded after test.
 - The measurement results are obtained as described below:
 - Power(EIRP)= P_{Mea} + P_{Ag} P_{cl} + G_a
- This value is EIRP since the measurement is calibrated using an antenna of known gain (2.15 dBi) and known input power.
- 7. ERP can be calculated from EIRP by subtracting the gain of the dipole, ERP = EIRP -2.15dBi.
- 8. In order to make sure test results more clearly, we set frequency range and sweep time for difference frequency range as follows table:

Working Frequency	Subrange (GHz)	RBW	VBW	Sweep time (s)
	0.00009~0.15	1KHz	3KHz	30
	0.00015~0.03	10KHz	30KHz	10
	0.03~1	100KHz	300KHz	10
TM1/GSM 850	1~2	1 MHz	3 MHz	2
	2~5	1 MHz	3 MHz	3
	5~8	1 MHz	3 MHz	3
	8~10	1 MHz	3 MHz	3
	0.00009~0.15	1KHz	3KHz	30
	0.00015~0.03	10KHz	30KHz	10
	0.03~1	100KHz	300KHz	10
	1~2	1 MHz	3 MHz	2
TM1/GSM 1900	2~5	1 MHz	3 MHz	3
1 IVI 1/G SIVI 1900	5~8	1 MHz	3 MHz	3
 - -	8~11	1 MHz	3 MHz	3
	11~14	1 MHz	3 MHz	3
	14~18	1 MHz	3 MHz	3
	18~20	1 MHz	3 MHz	2

TEST LIMITS

According to 24.238 and 22.917 specify that 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. The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

Frequency	Channel	Frequency Range	Verdict
	Low	9KHz -10GHz	PASS
TM1/GSM 850	Middle	9KHz -10GHz	PASS
	High	9KHz -10GHz	PASS
	Low	9KHz -20GHz	PASS
TM1/GSM 1900	Middle	9KHz -20GHz	PASS
	High	9KHz -20GHz	PASS

TEST RESULTS

Remark:

- 1. We were tested all refer 3GPP TS151 010.
- 2. $EIRP=P_{Mea}(dBm)-P_{cl}(dB)+G_a(dBi)$
- 3. We were not recorded other points as values lower than limits.
- 4. Margin = EIRP Limit

GSM/TM1/GSM850_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1648.40	-43.57	3.86	3.00	8.56	-38.87	-13.00	-25.87	Н
2472.60	-44.06	4.29	3.00	6.98	-41.37	-13.00	-28.37	Н
1648.40	-39.35	3.86	3.00	8.56	-34.65	-13.00	-21.65	V
2472.60	-41.76	4.29	3.00	6.98	-39.07	-13.00	-26.07	V

GSM/TM1/GSM850_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.20	-41.77	3.9	3.00	8.58	-37.09	-13.00	-24.09	Н
2509.80	-46.54	4.32	3.00	6.8	-44.06	-13.00	-31.06	Н
1673.20	-37.40	3.9	3.00	8.58	-32.72	-13.00	-19.72	V
2509.80	-43.00	4.32	3.00	6.8	-40.52	-13.00	-27.52	V

GSM/TM1/GSM850 High Channel

00101/11011/	<u> </u>	gir Chamin						
Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1697.60	-46.75	3.91	3.00	9.06	-41.60	-13.00	-28.60	Н
2546.40	-49.79	4.32	3.00	6.65	-47.46	-13.00	-34.46	Н
1697.60	-42.94	3.91	3.00	9.06	-37.79	-13.00	-24.79	V
2546.40	-45.36	4.32	3.00	6.65	-43.03	-13.00	-30.03	V

GSM/TM3/GSM850_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1648.40	-45.20	3.86	3.00	8.56	-40.50	-13.00	-27.50	Н
2472.60	-46.06	4.29	3.00	6.98	-43.37	-13.00	-30.37	Н
1648.40	-41.46	3.86	3.00	8.56	-36.76	-13.00	-23.76	V
2472.60	-44.16	4.29	3.00	6.98	-41.47	-13.00	-28.47	V

GSM/TM3/GSM850_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1673.20	-43.59	3.9	3.00	8.58	-38.91	-13.00	-25.91	Н
2509.80	-48.46	4.32	3.00	6.8	-45.98	-13.00	-32.98	Н
1673.20	-39.70	3.9	3.00	8.58	-35.02	-13.00	-22.02	V
2509.80	-44.81	4.32	3.00	6.8	-42.33	-13.00	-29.33	V

GSM/TM3/GSM850_ High Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
1697.60	-49.19	3.91	3.00	9.06	-44.04	-13.00	-31.04	Н
2546.40	-51.79	4.32	3.00	6.65	-49.46	-13.00	-36.46	Н
1697.60	-45.08	3.91	3.00	9.06	-39.93	-13.00	-26.93	V
2546.40	-46.82	4.32	3.00	6.65	-44.49	-13.00	-31.49	V

GSM/TM1/GSM1900_ Low Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3700.40	-45.28	5.26	3.00	9.88	-40.66	-13.00	-27.66	Н
5550.60	-46.03	6.11	3.00	11.36	-40.78	-13.00	-27.78	Н
3700.40	-41.53	5.26	3.00	9.88	-36.91	-13.00	-23.91	V
5550.60	-44.11	6.11	3.00	11.36	-38.86	-13.00	-25.86	V

GSM/TM1/GSM1900_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3760.00	-43.57	5.32	3.00	10.03	-38.86	-13.00	-25.86	Н
5640.00	-48.00	6.19	3.00	11.41	-42.78	-13.00	-29.78	Н
3760.00	-39.23	5.32	3.00	10.03	-34.52	-13.00	-21.52	V
5640.00	-45.21	6.19	3.00	11.41	-39.99	-13.00	-26.99	V

GSM/TM1/GSM1900 High Channel

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Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3819.60	-49.26	5.36	3.00	9.62	-45.00	-13.00	-32.00	Н
5729.40	-51.38	6.24	3.00	11.46	-46.16	-13.00	-33.16	Н
3819.60	-45.47	5.36	3.00	9.62	-41.21	-13.00	-28.21	V
5729.40	-47.38	6.24	3.00	11.46	-42.16	-13.00	-29.16	V

GSM/TM3/GSM1900 Low Channel

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Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization	
3700.40	-47.34	5.26	3.00	9.88	-42.72	-13.00	-29.72	Н	
5550.60	-48.19	6.11	3.00	11.36	-42.94	-13.00	-29.94	Н	
3700.40	-43.97	5.26	3.00	9.88	-39.35	-13.00	-26.35	V	
5550.60	-46.35	6.11	3.00	11.36	-41.10	-13.00	-28.10	V	

GSM/TM3/GSM1900_ Middle Channel

Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3760.00	-45.67	5.32	3.00	10.03	-40.96	-13.00	-27.96	Н
5640.00	-50.53	6.19	3.00	11.41	-45.31	-13.00	-32.31	Н
3760.00	-41.88	5.32	3.00	10.03	-37.17	-13.00	-24.17	V
5640.00	-47.25	6.19	3.00	11.41	-42.03	-13.00	-29.03	V

GSM/TM3/GSM1900_ High Channel

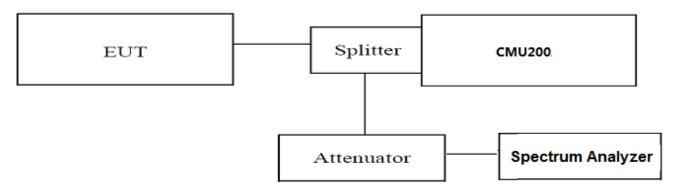
Frequency (MHz)	P _{Mea} (dBm)	P _{cl} (dB)	Diatance	G _a Antenna Gain(dB)	Peak EIRP (dBm)	Limit (dBm)	Margin (dB)	Polarization
3819.60	-50.73	5.36	3.00	9.62	-46.47	-13.00	-33.47	Н
5729.40	-53.62	6.24	3.00	11.46	-48.40	-13.00	-35.40	Н
3819.60	-47.31	5.36	3.00	9.62	-43.05	-13.00	-30.05	V
5729.40	-48.82	6.24	3.00	11.46	-43.60	-13.00	-30.60	V

Occupied Bandwidth and Emission Bandwidth 4.3

TEST APPLICABLE

Similar to conducted emissions; occupied bandwidth measurements are only provided for selected frequencies in order to reduce the amount of submitted data. Data were taken at the extreme and mid frequencies of PCS1900 band and GSM850 band. The table below lists the measured 99% Bandwidth and -26dBc Bandwidth.

TEST CONFIGURATION



TEST PROCEDURE

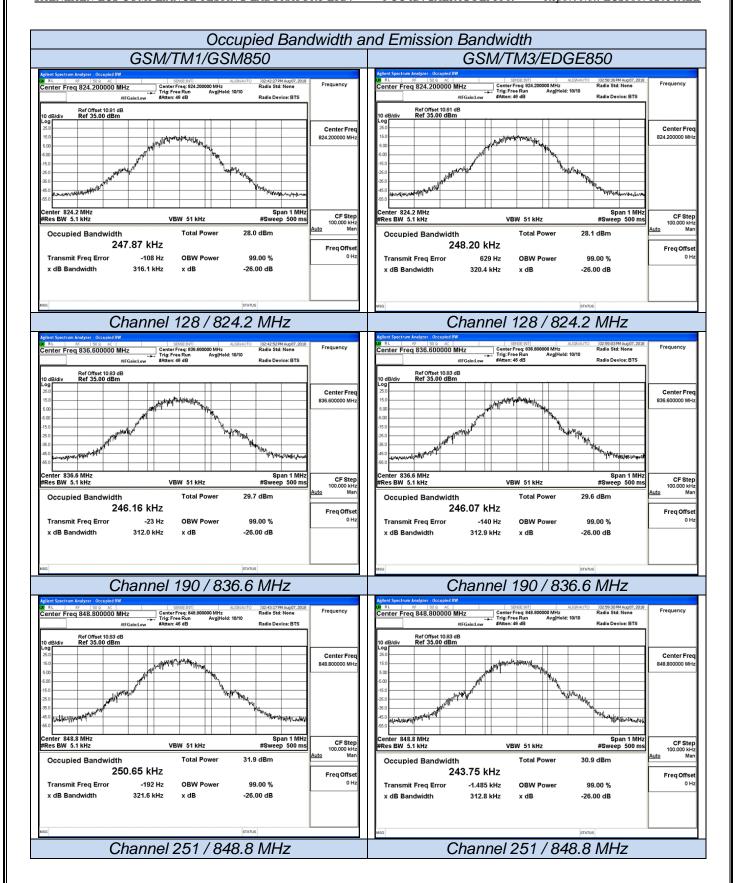
- The EUT was set up for the max output power with pseudo random data modulation;
- The Occupied bandwidth and Emission Bandwidth were measured with Spectrum AnalyzerN9020A;
- Set RBW=5.1KHz,VBW=51KHz,Span=1MHz,SWT=Auto;
- Set SPA Max hold and View, Set 99% Occupied Bandwidth/ Set -26dBc Occupied Bandwidth
- These measurements were done at 3 frequencies, 1850.20 MHz, 1880.00 MHz and 1909.80 MHz for PCS1900 band; 824.20MHz, 836.60 MHz and 848.80 MHz for GSM850 band. (Low, middle and high of operational frequency range).

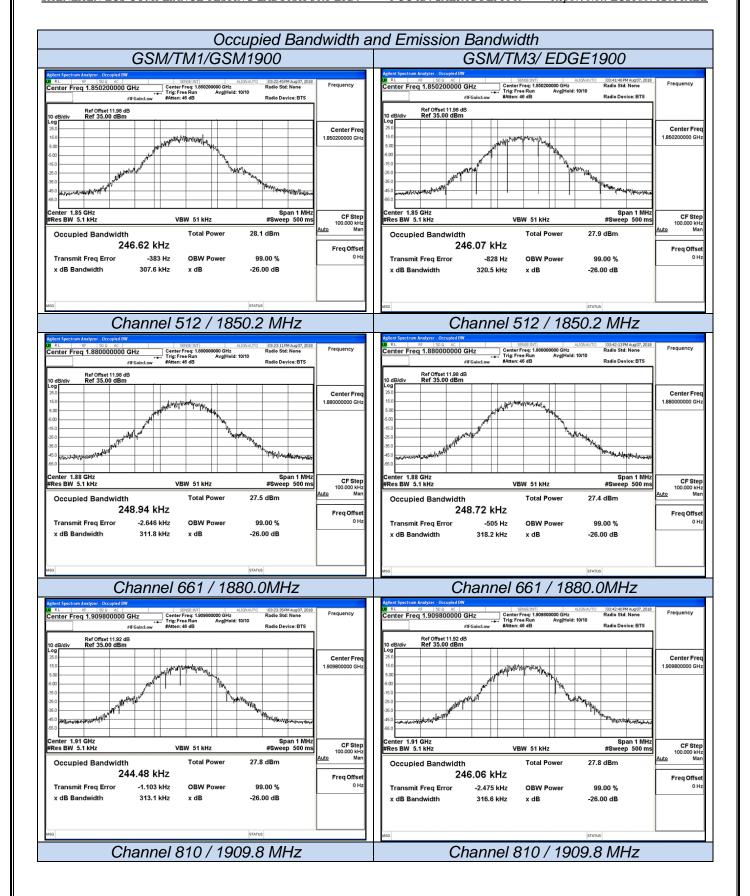
TEST RESULTS

Test Mode	Channel	Frequency (MHz)	Occupied Bandwidth (99% BW) (KHz)	Emission Bandwidth (-26 dBc BW) (KHz)	Verdict
GSM/TM1	128	824.2	247.87	316.10	PASS
/GSM850	190	836.6	246.16	312.00	PASS
/G3IVI03U	251	848.8	250.65	321.60	PASS
GSM/TM3	128	824.2	248.20	320.40	PASS
/EDGE850	190	836.6	246.07	312.90	PASS
/EDGE030	251	848.8	243.75	312.80	PASS
GSM/TM1	512	1850.2	246.62	307.60	PASS
/GSM1900	661	1880.0	248.94	311.80	PASS
/G3W1900	810	1909.8	244.48	313.10	PASS
CCM/TM2	512	1850.2	246.07	320.50	PASS
GSM/TM3 /EDGE1900	661	1880.0	248.72	318.20	PASS
/EDGE 1900	810	1909.8	246.06	316.60	PASS

Remark:

- 1. Test results including cable loss;
- 2. Please refer to following plots;



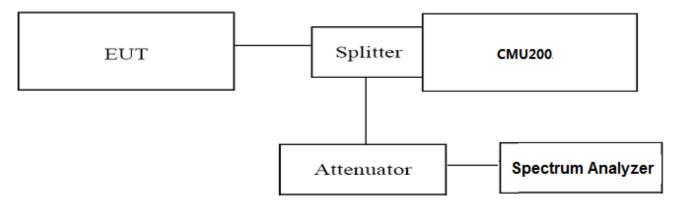


4.4 **Band Edge Complicance**

TEST APPLICABLE

During the process of testing, the EUT was controlled via Digital Radio Communication tester (CMU200) to ensure max power transmission and proper modulation.

TEST CONFIGURATION



TEST PROCEDURE

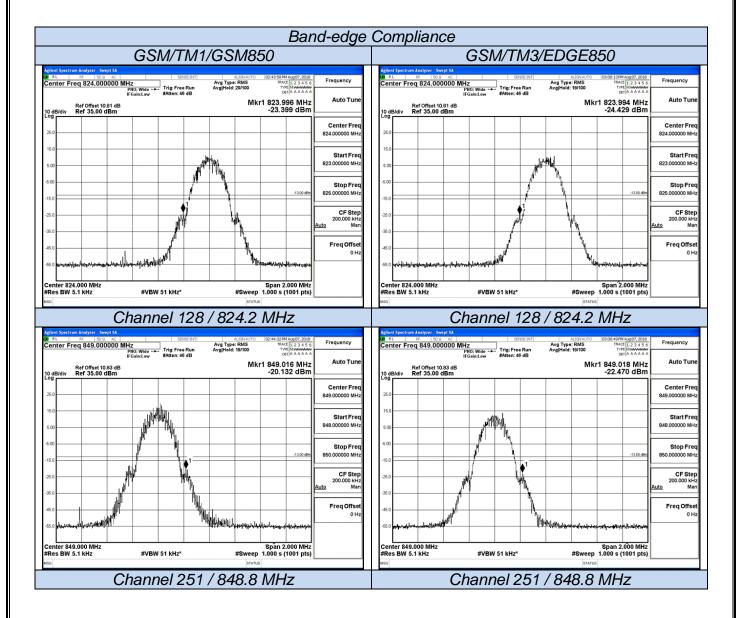
- 1. The EUT was set up for the max output power with pseudo random data modulation;
- The power was measured with Spectrum Analyzer N9020A;
- Set RBW=5.1KHz, VBW=51KHz, Span=2MHz, SWT=Auto, Dector: RMS;
- These measurements were done at 2 frequencies, 1850.20 MHz and 1909.80 MHz for PCS1900 band; 824.20 MHz and 848.80 MHz for GSM850 band. (bottom and top of operational frequency range).

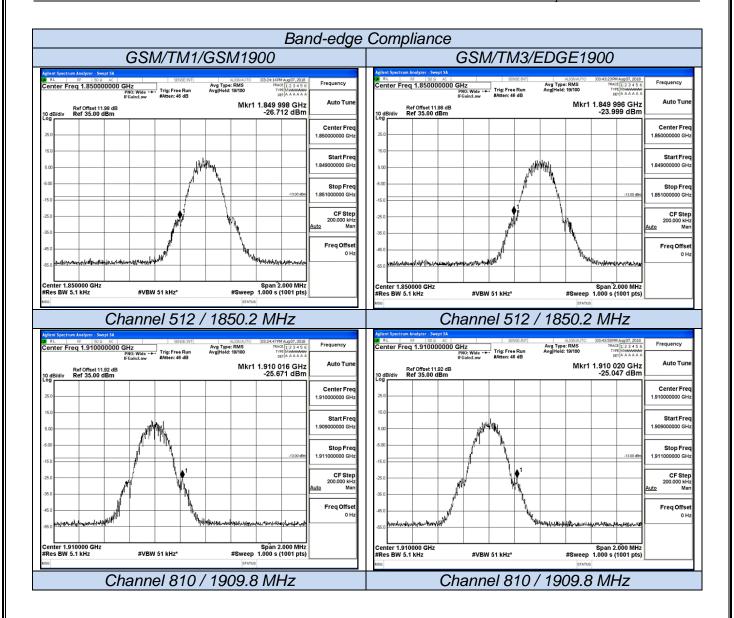
TEST RESULTS

Test Mode	Channel	Frequency (MHz)	Band Edg Compliance (dBm)	Limits (dBm)	Verdict	
CSM/TM4/CSM950	128	824.2	<-13dBm	-13dBm	PASS	
GSM/TM1/GSM850	251	848.8	<-13dBm	-13dBm	PASS	
GSM/TM3/EDGE850	128	824.2	<-13dBm	-13dBm	PASS	
GSIVI/TIVIS/EDGE650	251	848.8	<-13dBm	-13dBm	PASS	
GSM/TM1/GSM1900	512	1850.2	<-13dBm	-13dBm	PASS	
GSIVI/TIVIT/GSIVIT900	810	1909.8	<-13dBm	-13dBm	PASS	
GSM/TM3/EDGE1900	512	1850.2	<-13dBm	-13dBm	DASS	
GSW/TWS/EDGE1900	810	1909.8	<-13dBm	-13dBm	PASS	

Remark:

- 1. Test results including cable loss;
- 2. Please refer to following plots;





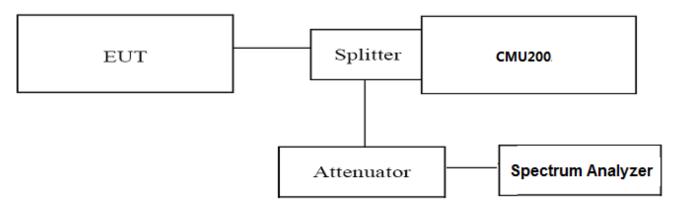
4.5 **Spurious Emssion on Antenna Port**

TEST APPLICABLE

The following steps outline the procedure used to measure the conducted emissions from the EUT.

- 1. Determine frequency range for measurements: From CFR 2.1057 and RSS-GEN the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency. For the equipment of PCS1900 band, this equates to a frequency range of 9 KHz to 20 GHz, data taken from 30 MHz to 20 GHz. For GSM850, this equates to a frequency range of 9 KHz to 9 GHz,data taken from 30 MHz to 9 GHz.
- 2. The sweep time is set automatically by instrument itself. That should be the optimal sweep time for the span and the RBW. If the sweep time is too short, that is sweep is too fast, the sweep result is not accurate; if the sweep time is too long, that is sweep is too low, some frequency components may be lost. The instrument will give an optimal sweep time according the selected span and RBW.
- The procedure to get the conducted spurious emission is as follows: The trace mode is set to MaxHold to get the highest signal at each frequency; Wait 25 seconds: Get the result.
- 4. Determine EUT transmit frequencies: below outlines the band edge frequencies pertinent to conducted emissions testing.

TEST CONFIGURATION



TEST PROCEDURE

- The EUT was set up for the max output power with pseudo random data modulation:
- The power was measured with Spectrum Analyzer N9020A:
- These measurements were done at 3 frequencies, 1850.20 MHz, 1880.00 MHz and 1909.80 MHz for PCS1900 band; 824.20 MHz, 836.60 MHz and 848.80 MHz for GSM850 band. (Low, middle and high of operational frequency range).

TEST LIMIT

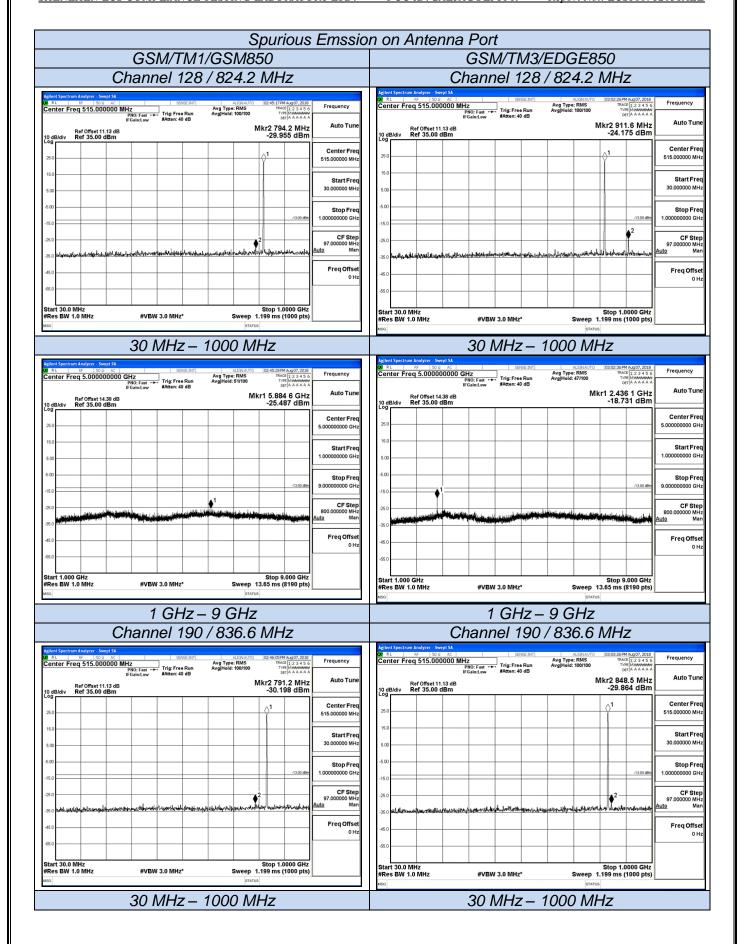
Part 24.238, Part 22.917 specify that the power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least 43 + 10 log(P) dB. The specification that emissions shall be attenuated below the transmitter power (P) by at least 43 + 10 log (P) dB, translates in the relevant power range (1 to 0.001 W) to -13 dBm. At 1 W the specified minimum attenuation becomes 43 dB and relative to a 30 dBm (1 W) carrier becomes a limit of -13 dBm. At 0.001 W (0 dBm) the minimum attenuation is 13 dB, which again yields a limit of -13 dBm. In this way a translation of the specification from relative to absolute terms is carried out.

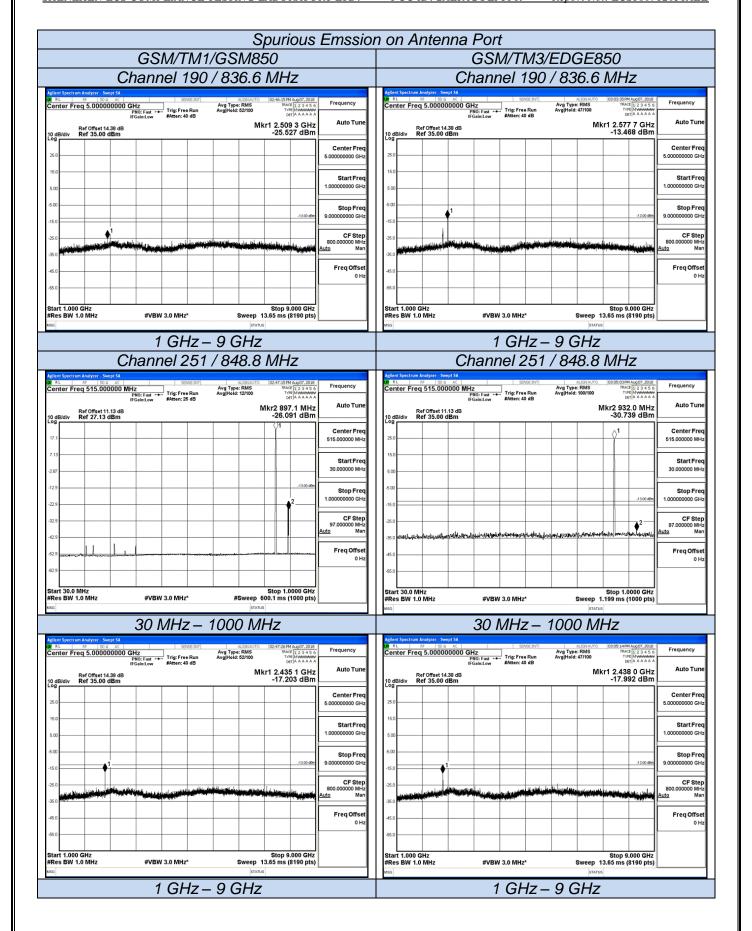
TEST RESULTS

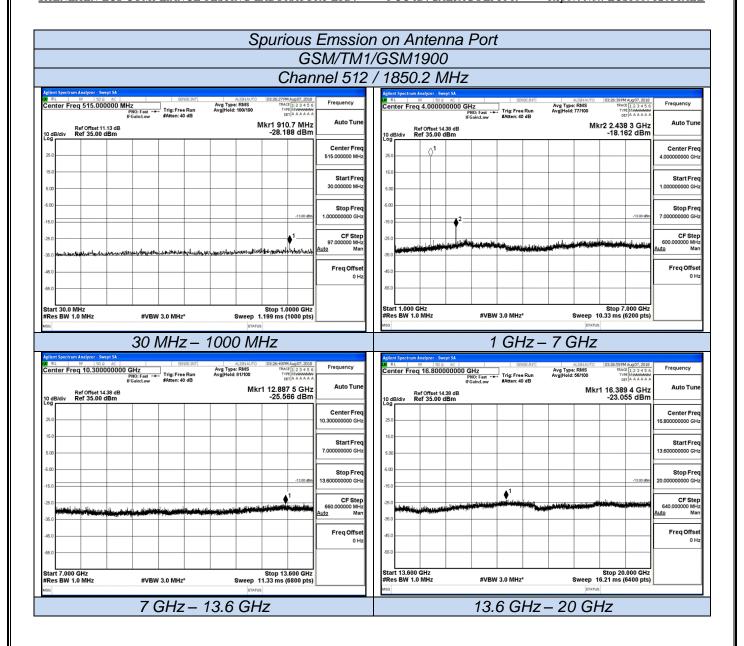
Test Mode	Channel	Frequency (MHz)	Spurious RF Conducted Emission (dBm)	Limits (dBm)	Verdict	
	128	824.2	<-13dBm	-13dBm		
GSM/TM1/GSM850	190	836.6	<-13dBm	-13dBm	PASS	
	251	848.8	<-13dBm	-13dBm		
	128	824.2	<-13dBm	-13dBm		
GSM/TM3/EDGE850	GSM/TM3/EDGE850 190		<-13dBm	-13dBm	PASS	
	251	848.8	<-13dBm	-13dBm]	
	512	1850.2	<-13dBm	-13dBm		
GSM/TM1/GSM1900	661	1880.0	<-13dBm	-13dBm	PASS	
	810	1909.8	<-13dBm	-13dBm		
	512	1850.2	<-13dBm	-13dBm		
GSM/TM3/EDGE1900	M/TM3/EDGE1900 661		<-13dBm	-13dBm	PASS	
	810	1909.8	<-13dBm	-13dBm		

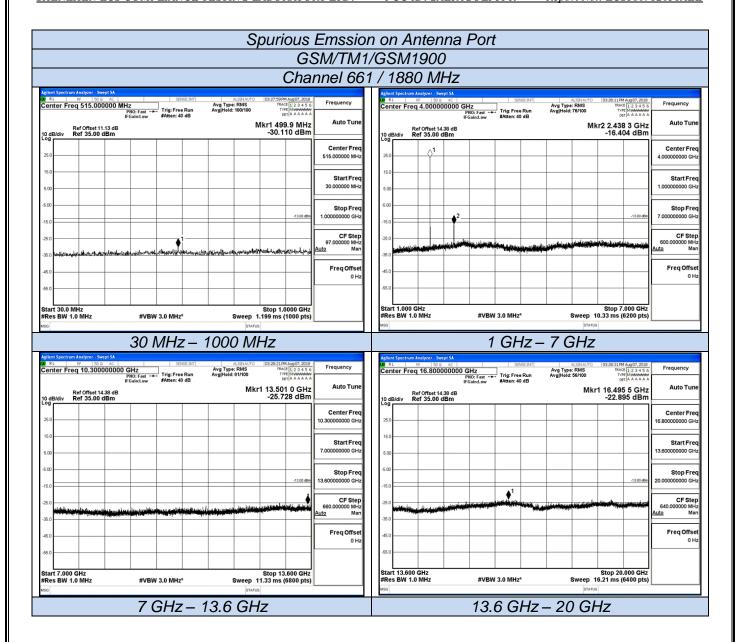
Remark:

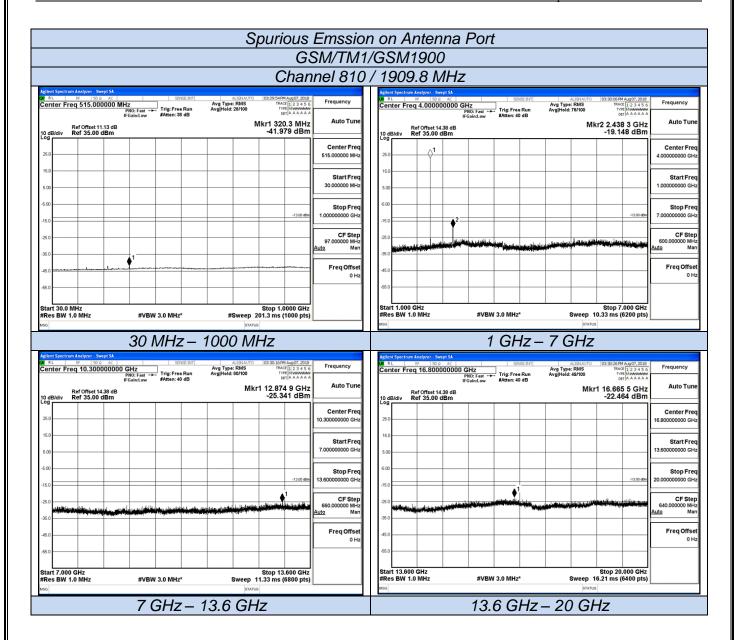
- Test results including cable loss;
 Please refer to following plots;
- 3. Not reorded test plots from 9 KHz to 30 MHz as emission levels 20dB lower than emission limit;

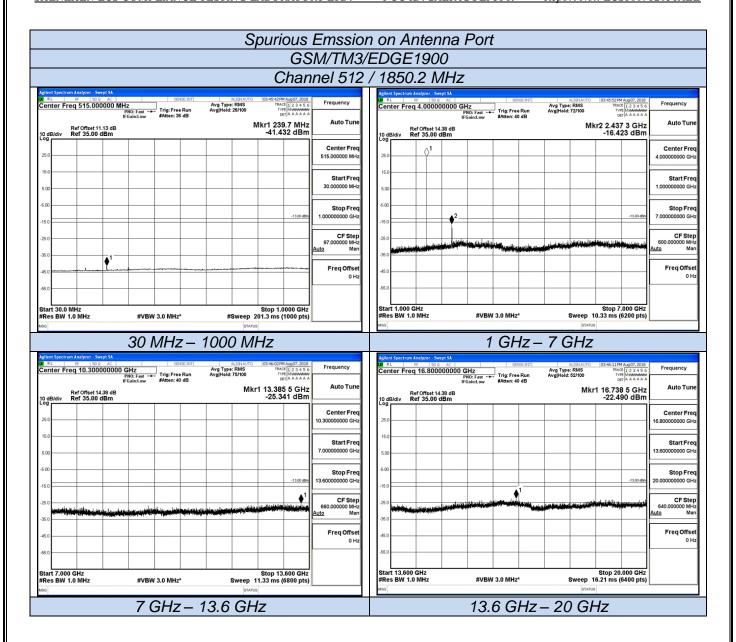


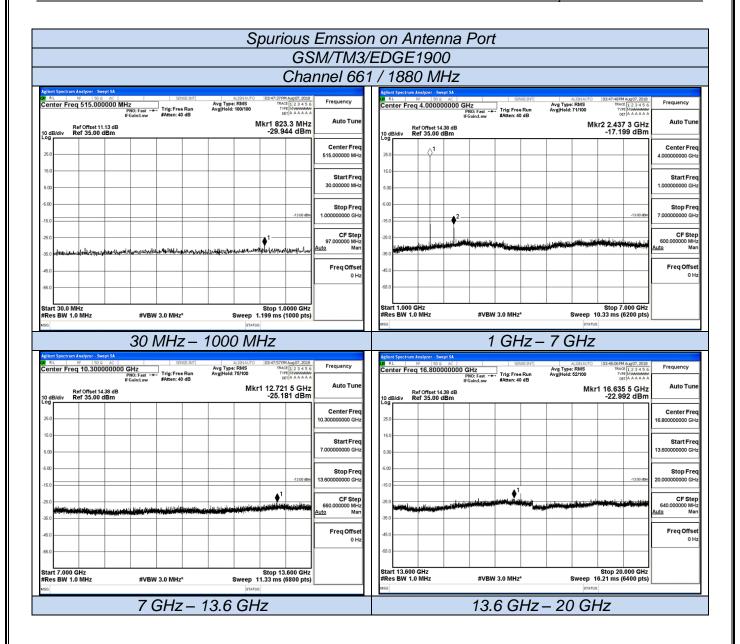


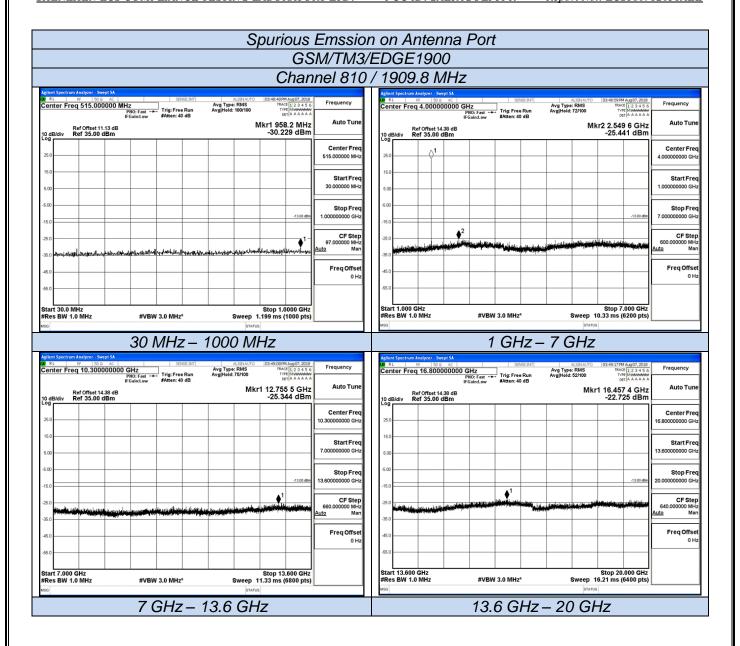












4.6 Frequency Stability Test

TEST APPLICABLE

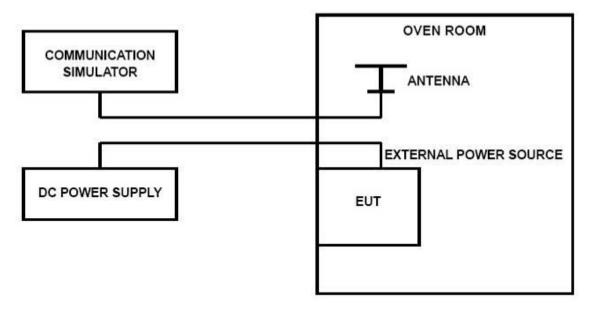
- 1. According to FCC Part 2 Section 2.1055 (a)(1) and RSS-GEN, the frequency stability shall be measured with variation of ambient temperature from -30°C to +50°C centigrade.
- 2. According to FCC Part 2 Section 2.1055 (E) (2) and RSS-GEN, for battery powered equipment, the frequency stability shall be measured with reducing primary supply voltage to the battery operating end point, which is specified by the manufacture.
- 3. Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried voltage equipment and the end voltage point was 3.40V.

TEST PROCEDURE

In order to measure the carrier frequency under the condition of AFC lock, it is necessary to make measurements with the EUT in a "call mode". This is accomplished with the use of R&S CMU200 DIGITAL RADIO COMMUNICATION TESTER.

- 1. Measure the carrier frequency at room temperature;
- 2. Subject the EUT to overnight soak at -30°C;
- With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on middle channel of PCS 1900 and GSM850, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming;
- 4. Repeat the above measurements at 10°C increments from -30°C to +50°C. Allow at least 0.5 hours at each temperature, unpowered, before making measurements;
- 5. Remeasure carrier frequency at room temperature with nominal voltage. Vary supply voltage from minimum voltage to maximum voltage, in 0.1Volt increments remeasuring carrier frequency at each voltage. Pause at nominal voltage for 0.5 hours unpowered, to allow any self-heating to stabilize, before continuing;
- 6. Subject the EUT to overnight soak at +50°C;
- 7. With the EUT, powered via nominal voltage, connected to the CMU200 and in a simulated call on the centre channel, measure the carrier frequency. These measurements should be made within 2 minutes of Powering up the EUT, to prevent significant self-warming;
- 8. Repeat the above measurements at 10°C increments from +50°C to -30°C. Allow at least 0.5 hours at each temperature, unpowered, before making measurements;
- 9. At all temperature levels hold the temperature to +/- 0.5°C during the measurement procedure;

TEST CONFIGURATION



TEST LIMITS

For Hand carried battery powered equipment

According to the JTC standard the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. As this transceiver is considered "Hand carried, battery powered equipment" Section 2.1055(d)(2) applies. This requires that the lower voltage for frequency stability testing be specified by the manufacturer. This transceiver is specified to operate with an input voltage of between 3.40VDC and 4.20VDC, with a nominal voltage of 3.70DC. Operation above or below these voltage limits is prohibited by transceiver software in order to prevent improper operation as well as to protect components from overstress. These voltages represent a tolerance of -10 % and +12.5 %. For the purposes of measuring frequency stability these voltage limits are to be used.

For equipment powered by primary supply voltage

According to the JTC standard the frequency stability of the carrier shall be accurate to within 0.1 ppm of the received frequency from the base station. This accuracy is sufficient to meet Sec. 24.235, Frequency Stability. The frequency stability shall be sufficient to ensure that the fundamental emission stays within the authorized frequency block. For this EUT section 2.1055(d)(1) applies. This requires varying primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

TEST RESULTS

		GSM/TM1	I/GSM850		
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Limit (ppm)	Verdict
3.40	25	-8	-0.010	2.50	PASS
3.70	25	-10	-0.011	2.50	PASS
4.20	25	13	0.016	2.50	PASS
3.70	-30	12	0.015	2.50	PASS
3.70	-20	-9	-0.010	2.50	PASS
3.70	-10	14	0.017	2.50	PASS
3.70	0	-11	-0.013	2.50	PASS
3.70	10	-3	-0.003	2.50	PASS
3.70	20	12	0.014	2.50	PASS
3.70	30	10	0.013	2.50	PASS
3.70	40	9	0.011	2.50	PASS
3.70	50	11	0.014	2.50	PASS

		GSM/TM3	/EDGE850		
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Limit (ppm)	Verdict
3.40	25	-9	-0.011	2.50	PASS
3.70	25	-4	-0.005	2.50	PASS
4.20	25	12	0.014	2.50	PASS
3.70	-30	-4	-0.005	2.50	PASS
3.70	-20	-9	-0.011	2.50	PASS
3.70	-10	-6	-0.007	2.50	PASS
3.70	0	5	0.006	2.50	PASS
3.70	10	-7	-0.008	2.50	PASS
3.70	20	-8	-0.009	2.50	PASS
3.70	30	-12	-0.014	2.50	PASS
3.70	40	9	0.011	2.50	PASS
3.70	50	12	0.014	2.50	PASS

	GSM/TM1/GSM1900								
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Limit (ppm)	Verdict				
3.40	25	11	0.006	2.50	PASS				
3.70	25	10	0.005	2.50	PASS				
4.20	25	-13	-0.007	2.50	PASS				
3.70	-30	11	0.006	2.50	PASS				
3.70	-20	-4	-0.002	2.50	PASS				
3.70	-10	7	0.004	2.50	PASS				
3.70	0	4	0.002	2.50	PASS				
3.70	10	10	0.005	2.50	PASS				
3.70	20	-3	-0.002	2.50	PASS				
3.70	30	-4	-0.002	2.50	PASS				
3.70	40	14	0.007	2.50	PASS				
3.70	50	4	0.002	2.50	PASS				

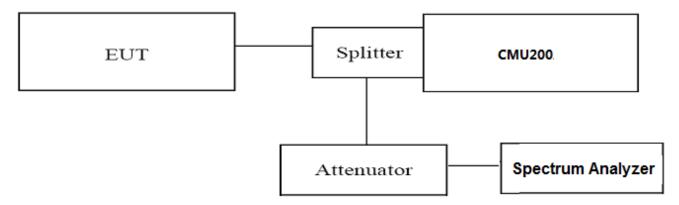
	GSM/TM3/EDGE1900									
DC Power	Temperature (°C)	Frequency error(Hz)	Frequency error(ppm)	Limit (ppm)	Verdict					
3.40	25	-14	-0.008	2.50	PASS					
3.70	25	-2	-0.001	2.50	PASS					
4.20	25	13	0.007	2.50	PASS					
3.70	-30	-4	-0.002	2.50	PASS					
3.70	-20	10	0.005	2.50	PASS					
3.70	-10	4	0.002	2.50	PASS					
3.70	0	11	0.006	2.50	PASS					
3.70	10	-13	-0.007	2.50	PASS					
3.70	20	-15	-0.008	2.50	PASS					
3.70	30	11	0.006	2.50	PASS					
3.70	40	5	0.003	2.50	PASS					
3.70	50	8	0.004	2.50	PASS					

Peak-to-Average Ratio (PAR) 4.7

LIMIT

The Peak-to-Average Ratio (PAR) of the transmission may not exceed 13 dB.

TEST CONFIGURATION



TEST PROCEDURE

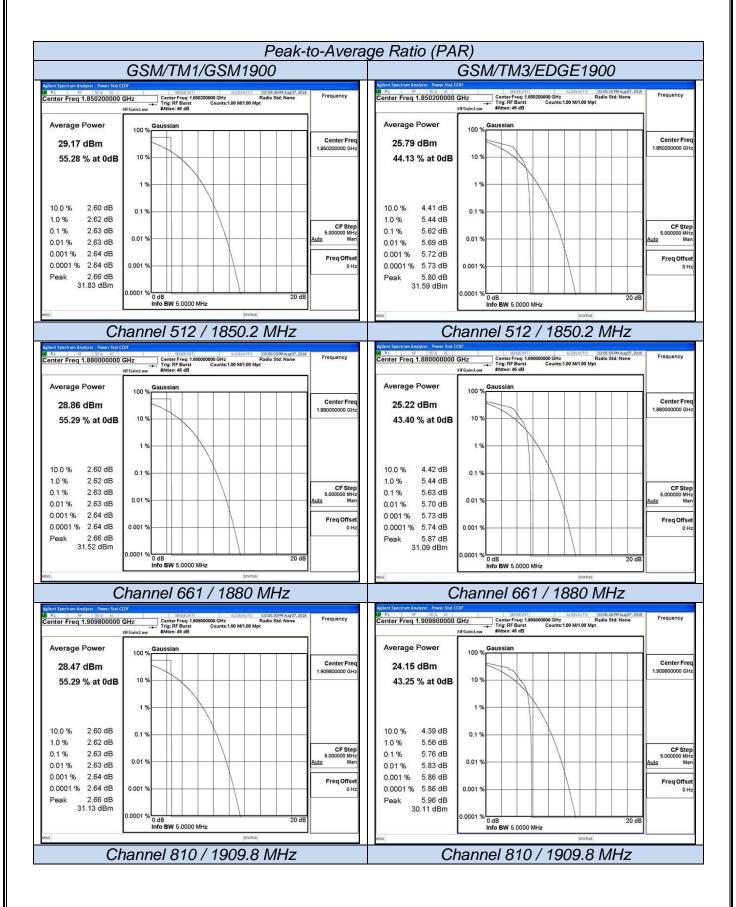
Use spectrum to measure the total peak power and record as P_{Pk}. Use spectrum to measure the total average power and record as P_{Avq}. Both the peak and average power levels must be expressed in the same logarithmic units (e.g., dBm).

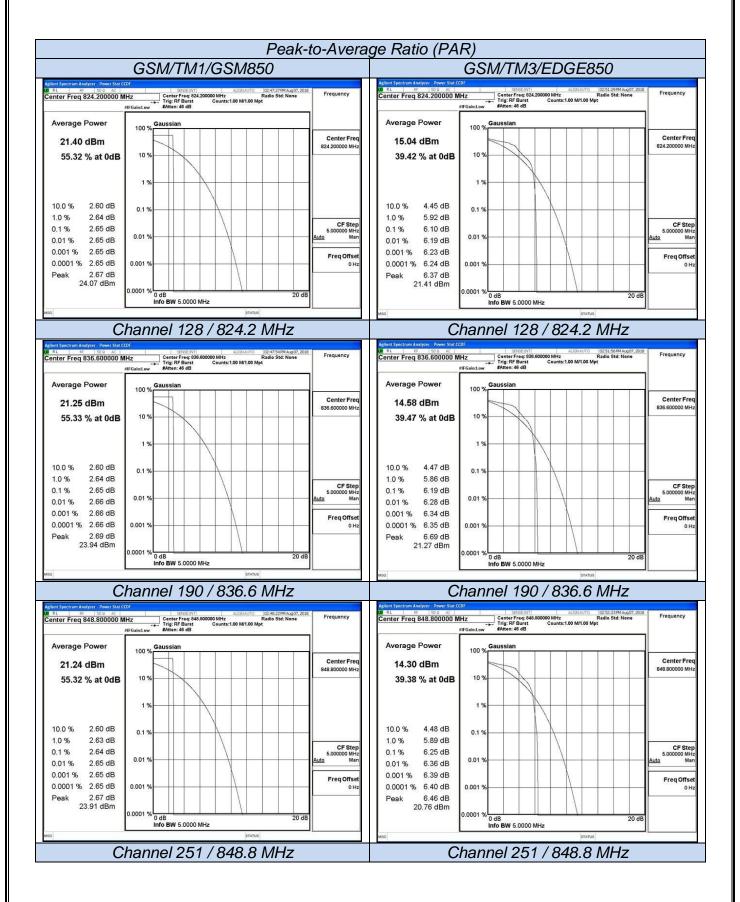
Determine the PAPR from:

PAPR (dB) = P_{Pk} (dBm) - P_{Avg} (dBm).

TEST RESULTS

Test Mode	Channel	Frequency (MHz)	PAPR Value (dB)	Limits (dB)	Verdict	
	512	1850.20	2.63	13.0		
GSM/TM1/GSM1900	661	1880.00	2.63	13.0	PASS	
	810	1909.80	2.63	13.0		
GSM/TM3/EDGE1900	512	1850.20	5.62	13.0		
	M/TM3/EDGE1900 661		5.63	13.0	PASS	
	810	1909.80	5.76	13.0		
	128	824.2	2.65	13.0		
GSM/TM1/GSM850	190	836.6	2.65	13.0	PASS	
	251	848.8	2.65	13.0		
	128	824.2	6.10	13.0		
GSM/TM3/EDGE850	190	836.6	6.19	13.0	PASS	
	251	848.8	6.25	13.0		





TEST SETUP PHOTOGRAPHS OF EUT 5

Please refer to separated files for Test Setup Photos of the EUT.

EXTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for External Photos of the EUT.

7 INTERIOR PHOTOGRAPHS OF THE EUT

Please refer to separated files for Internal Photos of the EUT.

.....End of Report.....