RF TEST REPORT



Report No.: 15070860-FCC-R1
Supersede Report No.: N/A

Applicant	Verykool USA Inc				
Product Name	Mobile Phone				
Model No.	s5020				
Serial No.	N/A				
Test Standard		FCC Part 22(H):2014 ;FCC Part 24(E):2014; FCC Part 27:2014; ANSI/TIAC603 D: 2010			
Test Date	September	24 to October 10, 20	015		
Issue Date	October 15	October 15, 2015			
Test Result	Test Result Pass Fail				
Equipment compli	Equipment complied with the specification				
Equipment did not comply with the specification					
Winnie Zhang David Huang					
Winnie Zhang Test Engineer		David Huang Checked By			

This test report may be reproduced in full only

Test result presented in this test report is applicable to the tested sample only

Issued by:

SIEMIC (SHENZHEN-CHINA) LABORATORIES

Zone A, Floor 1, Building 2 Wan Ye Long Technology Park

South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong China 518108

Phone: +86 0755 2601 4629801 Email: China@siemic.com.cn



Test Report	15070860-FCC-R1
Page	2 of 60

Laboratories Introduction

SIEMIC, headquartered in the heart of Silicon Valley, with superior facilities in US and Asia, is one of the leading independent testing and certification facilities providing customers with one-stop shop services for Compliance Testing and Global Certifications.



In addition to testing and certification, SIEMIC provides initial design reviews and compliance management throughout a project. Our extensive experience with China, Asia Pacific, North America, European, and International compliance requirements, assures the fastest, most cost effective way to attain regulatory compliance for the global markets.

Accreditations for Conformity Assessment

Country/Region	Scope
USA	EMC, RF/Wireless, SAR, Telecom
Canada	EMC, RF/Wireless, SAR, Telecom
Taiwan	EMC, RF, Telecom, SAR, Safety
Hong Kong	RF/Wireless, SAR, Telecom
Australia	EMC, RF, Telecom, SAR, Safety
Korea	EMI, EMS, RF, SAR, Telecom, Safety
Japan	EMI, RF/Wireless, SAR, Telecom
Singapore	EMC, RF, SAR, Telecom
Europe	EMC, RF, SAR, Telecom, Safety



Test Report	15070860-FCC-R1
Page	3 of 60

This page has been left blank intentionally.



Test Report	15070860-FCC-R1
Page	4 of 60

CONTENTS

1.	REPORT REVISION HISTORY	5
2.	CUSTOMER INFORMATION	
	TEST SITE INFORMATION	
4.	EQUIPMENT UNDER TEST (EUT) INFORMATION	6
5.	TEST SUMMARY	9
6.	MEASUREMENTS, EXAMINATION AND DERIVED RESULTS	10
6.1	RF EXPOSURE (SAR)	10
6.2	RF OUTPUT POWER	11
6.3	PEAK-AVERAGE RATIO	19
6.4	MODULATION CHARACTERISTIC	21
6.5	OCCUPIED BANDWIDTH	22
6.6	SPURIOUS EMISSIONS AT ANTENNA TERMINALS	27
6.7	SPURIOUS RADIATED EMISSIONS	33
6.8	BAND EDGE	39
6.9	FREQUENCY STABILITY	44
ANI	NEX A. TEST INSTRUMENT	49
ANI	NEX B. EUT AND TEST SETUP PHOTOGRAPHS	50
ANI	NEX C. TEST SETUP AND SUPPORTING EQUIPMENT	56
ANI	NEX C.II. EUT OPERATING CONKITIONS	58
ANI	NEX D. USER MANUAL / BLOCK DIAGRAM / SCHEMATICS / PARTLIST	59
INA	NEX E. DECLARATION OF SIMILARITY	60



Test Report	15070860-FCC-R1
Page	5 of 60

1. Report Revision History

Report No.	Report Version	Description	Issue Date
15070860-FCC-R1	NONE	Original	October 15, 2015

2. Customer information

Applicant Name	Verykool USA Inc
Applicant Add	3636 Nobel Drive, Suite 325, San Diego, CA 92122 USA
Manufacturer	HUIZHOU QIAOXING ELECTRONICS TECHNOLOGY CO.,LTD
Manufacturer Add	Room -611, TianAn High-Tech Plaza II , Futian District, Shenzhen, China, 518040

3. Test site information

Lab performing tests	SIEMIC (Shenzhen-China) LABORATORIES	
	Zone A, Floor 1, Building 2 Wan Ye Long Technology Park	
Lab Address	South Side of Zhoushi Road, Bao' an District, Shenzhen, Guangdong	
	China 518108	
FCC Test Site No.	718246	
IC Test Site No.	4842E-1	
Test Software	Radiated Emission Program-To Shenzhen v2.0	



Test Report	15070860-FCC-R1
Page	6 of 60

4. Equipment under Test (EUT) Information

Description of EUT: Mobile Phone

Main Model: s5020

Serial Model: N/A

Date EUT received: September 23, 2015

Test Date(s): September 24 to October 10, 2015

Equipment Category : PCE

GSM850: 2.7dBi PCS1900: 2.5dBi

UMTS-FDD Band V: 2.7 dBi

Antenna Gain: UMTS-FDD Band IV: 2.5 dBi

UMTS-FDD Band II: 1.97 dBi Bluetooth/BLE/WIFI: 2.9dBi

GPS: 1.86dBi

GSM / GPRS: GMSK

EGPRS: GMSK

UMTS-FDD: QPSK, 16QAM

Type of Modulation: 802.11b/g/n: DSSS, OFDM

Bluetooth: GFSK, π /4DQPSK, 8DPSK

BLE: GFSK GPS:BPSK

GSM850 TX: 824.2 ~ 848.8 MHz; RX: 869.2 ~ 893.8 MHz

PCS1900 TX: 1850.2 ~ 1909.8 MHz; RX: 1930.2 ~ 1989.8 MHz

UMTS-FDD Band V TX: 826.4 ~ 846.6 MHz; RX: 871.4 ~ 891.6 MHz

UMTS-FDD Band IV TX:1712.4 ~ 1752.6 MHz;

RF Operating Frequency (ies): RX : 2112.4 ~ 2152.6 MHz

UMTS-FDD Band II TX:1852.4 ~ 1907.6 MHz;

RX: 1932.4 ~ 1987.6 MHz

WIFI:802.11b/g/n(20M): 2412-2462 MHz WIFI:802.11n(40M): 2422-2452 MHz



Test Report	15070860-FCC-R1
Page	7 of 60

Bluetooth& BLE: 2402-2480 MHz

GPS RX:1575.42 MHz

GSM850: 31.33dBm

PCS1900: 30.91dBm

Maximum Conducted

UMTS-FDD Band V: 22.06dBm

AV Power to Antenna:

Number of Channels:

UMTS-FDD Band II : 23.52 dBm

UMTS-FDD Band IV: 20.98dBm

GSM850: 32.24dBm / ERP

PCS1900: 32.21dBm / EIRP

ERP/EIRP: UMTS-FDD Band V: 21.68dBm / ERP

UMTS-FDD Band II: 25.24dBm / EIRP UMTS-FDD Band IV: 23.22dBm/ EIRP

GSM 850: 124CH PCS1900: 299CH

UMTS-FDD Band V: 102CH UMTS-FDD Band IV: 202CH UMTS-FDD Band II: 277CH

WIFI:802.11b/g/n(20M): 11CH

WIFI:802.11n(40M): 7CH

Bluetooth: 79CH

BLE: 40CH GPS:1CH

Port: Power Port, Earphone Port, USB Port

Adapter:

Model:Q500

Input: AC 100-240V; 50/60Hz;0.2A

Output: DC5.0V;1000mA

Input Power:

Battery:

Model:Q506

Spec:DC3.8V,3000mAh,11.4Wh Limited charger voltage:4.35V

Trade Name : verykool



Test Report	15070860-FCC-R1
Page	8 of 60

GPRS/EGPRS Multi-slot class	8/10/12
GPRS/EGPRS Multi-slot class	8/10/12

FCC ID: WA6S5020



Test Report	15070860-FCC-R1
Page	9 of 60

5. Test Summary

The product was tested in accordance with the following specifications.

All testing has been performed according to below product classification:

FCC Rules	Description of Test	Result
§ 1.1307; § 2.1093	RF Exposure (SAR)	Compliance
§2.1046; § 22.913(a); § 24.232(c);	DE Output Dower	Compliance
§ 27.50(c.10); § 27.50(d.4)	RF Output Power	
§ 24.232 (d) ; § 27.50(d)	Peak-Average Ratio	Compliance
§ 2.1047	Modulation Characteristics	N/A
§ 2.1049; § 22.905; § 22.917;	000/ 9 26 dB Ossumind Bandwidth	Compliance
§ 24.238; § 27.53(a.5)	99% & -26 dB Occupied Bandwidth	
§ 2.1051; § 22.917(a);	Courier Conincione of Antonina Torrigal	Camalianas
§ 24.238(a); § 27.53(h)	Spurious Emissions at Antenna Terminal	Compliance
§ 2.1053; § 22.917(a);	Field Chromath of Counieus Dediction	Compiliance
§ 24.238(a); § 27.53(h)	Field Strength of Spurious Radiation	Compliance
§ 22.917(a); § 24.238(a);	Out of hand aminaing Band Edge	Compliance
§ 27.53(h)	Out of band emission, Band Edge	
§ 2.1055; § 22.355; § 24.235;	Frequency stability vs. temperature	Compliance
§ 27.5(h); § 27.54	Frequency stability vs. voltage	

Note: Testing was performed by configuring EUT to maximum output power status, the declared output power class for different

Measurement Uncertainty

Emissions		
Test Item	Description	Uncertainty
Band Edge and Radiated Spurious Emissions	Confidence level of approximately 95% (in the case where distributions are normal), with a coverage factor of 2 (for EUTs < 0.5m X 0.5m X 0.5m)	+5.6dB/-4.5dB
-	-	-



Test Report	15070860-FCC-R1
Page	10 of 60

6. MEASUREMENTS, EXAMINATION AND DERIVED RESULTS

6.1 RF Exposure (SAR)

Test Result: Pass

The EUT is a portable device, thus requires SAR evaluation;

Please refer to RF Exposure Evaluation Report: 15070860-FCC-H.



Test Report	15070860-FCC-R1
Page	11 of 60

6.2 RF Output Power

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By :	Winnie Zhang

Requirement(s):

Requirement(s):			
Spec	Item	Requirement	Applicable
§22.913 (a)	a)	ERP:38.45dBm	>
§24.232 (c)	b)	EIRP:33dBm	>
§27.50 (c)	c)	EIRP: 30dBm	V
Test Setup	EUT Base Station		
Test Procedure			and and I it was aced on the If 3 meters er to identify t was



Test Report	15070860-FCC-R1
Page	12 of 60

_		
	 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 emissions in dB = 10 log (TX power in Watts/0.001) – the absolute level Spurious attenuation limit in dB = 43 + 10 Log10 (power out in 	
	Watts.	
Remark		
Result	Pass	
Test Data Yes	N/A	
Test Plot Yes	(See below) N/A	



Test Report	15070860-FCC-R1
Page	13 of 60

Conducted Power

GSM Mode:

	Burst Average Power (dBm);							
Band		GS	M850		PCS1900			
Channel	128	190	251	Tune up Power tolerant	512	661	810	Tune up Power tolerant
Frequency (MHz)	824.2	836.6	848.8	/	1850.2	1880	1909.8	1
GSM Voice (1 uplink),GMSK	31.33	31.20	31.14	31±1	30.87	30.91	30.79	30±1
GPRS Multi-Slot Class 8 (1 uplink),GMSK	31.30	31.18	31.12	31±1	30.84	30.85	30.74	30±1
GPRS Multi-Slot Class 10 (2 uplink) GMSK	30.58	30.36	30.35	30±1	29.9	29.96	29.86	29±1
GPRS Multi-Slot Class 12 (4 uplink) GMSK	28.12	28.02	27.94	28±1	27.29	27.33	27.26	27±1
EGPRS Multi-Slot Class 8 (1 uplink) GMSK MCS1	31.29	31.16	31.12	31±1	30.8	30.87	30.84	30±1
EGPRS Multi-Slot Class 10 (2 uplink) GMSK MCS1	30.54	30.36	30.35	30±1	29.89	29.96	29.88	29±1
EGPRS Multi-Slot Class 12 (4 uplink) GMSK MCS1	28.12	28.13	28.15	28±1	27.41	27.43	27.4	27±1

Remark:

GPRS, CS1 coding scheme.

EGPRS, MCS1 coding scheme.

Multi-Slot Class 8 , Support Max 4 downlink, 1 uplink , 5 working link

Multi-Slot Class 10 , Support Max 4 downlink, 2 uplink , 5 working link

Multi-Slot Class 12 , Support Max 4 downlink, 4 uplink , 5 working link

Note: Since GSM mode has higher power, so the test items below were not performed to GPRS and EGPRS mode.



Test Report	15070860-FCC-R1
Page	14 of 60

UMTS Mode:

UMTS-FDD Band V

Band/ Time Slot	Channel	Frequency	Average power	Tune up
configuration			(dBm)	Power tolerant
RMC	4132	826.4	22.06	21.3±1
12.2kbps	4175	835	21.04	21.3±1
	4233	846.6	20.85	21.3±1
HSDPA	4132	826.4	21.03	21.3±1
Subtest1	4175	835	20.45	21.3±1
Gubicati	4233	846.6	20.95	21.3±1
HSDPA	4132	826.4	21.01	21.3±1
Subtest2	4175	835	20.56	21.3±1
Sublesiz	4233	846.6	20.36	21.3±1
HCDDA	4132	826.4	21.03	21.3±1
HSDPA Subtest3	4175	835	20.35	21.3±1
Sublesis	4233	846.6	20.99	21.3±1
HODDA	4132	826.4	21.03	21.3±1
HSDPA	4175	835	20.31	21.3±1
Subtest4	4233	846.6	20.36	21.3±1
HOURA	4132	826.4	21.15	21.3±1
HSUPA	4175	835	20.56	21.3±1
Subtest1	4233	846.6	20.13	21.3±1
	4132	826.4	21.06	21.3±1
HSUPA	4175	835	20.33	21.3±1
Subtest2	4233	846.6	20.38	21.3±1
	4132	826.4	21.11	21.3±1
HSUPA	4175	835	20.35	21.3±1
Subtest3	4233	846.6	20.33	21.3±1
	4132	826.4	21.11	21.3±1
HSUPA	4175	835	20.53	21.3±1
Subtest4	4233	846.6	20.31	21.3±1
	4132	826.4	21.04	21.3±1
HSUPA	4175	835	20.94	21.3±1
Subtest5	4233	846.6	20.35	21.3±1



Test Report	15070860-FCC-R1
Page	15 of 60

UMTS-FDD Band II

Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)	Tune up Power tolerant
RMC	9262	1852.4	22.72	23±1
	9400	1880	23.52	23±1
12.2kbps	9538	1907.6	22.97	23±1
HODDA	9262	1852.4	21.63	21.3±1
HSDPA Subtest1	9400	1880	21.86	21.3±1
Sublest I	9538	1907.6	21.93	21.3±1
HODDA	9262	1852.4	21.86	21.3±1
HSDPA	9400	1880	22.01	21.3±1
Subtest2	9538	1907.6	22.03	21.3±1
HODDA	9262	1852.4	21.89	21.3±1
HSDPA	9400	1880	21.04	21.3±1
Subtest3	9538	1907.6	21.31	21.3±1
HODBA	9262	1852.4	21.59	21.3±1
HSDPA	9400	1880	22.13	21.3±1
Subtest4	9538	1907.6	22.03	21.3±1
HOUDA	9262	1852.4	21.88	21.3±1
HSUPA Subtest1	9400	1880	21.96	21.3±1
Sublest i	9538	1907.6	21.91	21.3±1
HOUDA	9262	1852.4	21.86	21.3±1
HSUPA Subtest2	9400	1880	21.76	21.3±1
Sublesiz	9538	1907.6	21.85	21.3±1
LICLIDA	9262	1852.4	21.66	21.3±1
HSUPA	9400	1880	22.13	21.3±1
Subtest3	9538	1907.6	22.29	21.3±1
LICUIDA	9262	1852.4	21.59	21.3±1
HSUPA Subtest4	9400	1880	22.03	21.3±1
Sublest4	9538	1907.6	21.91	21.3±1
LICUDA	9262	1852.4	21.74	21.3±1
HSUPA Subtest5	9400	1880	21.04	21.3±1
Sublesto	9538	1907.6	22.01	21.3±1



Test Report	15070860-FCC-R1
Page	16 of 60

UMTS-FDD Band IV

Band/ Time Slot configuration	Channel	Frequency	Average power (dBm)	Tune up Power tolerant
RMC	1313	1712.6	20.51	21.3±1
	1413	1732.6	20.82	21.3±1
12.2kbps	1512	1752.4	20.98	21.3±1
LICDDA	1313	1712.6	20.43	21.3±1
HSDPA Subtest1	1413	1732.6	20.77	21.3±1
Sublest i	1512	1752.4	20.97	21.3±1
LIODDA	1313	1712.6	20.33	21.3±1
HSDPA	1413	1732.6	20.75	21.3±1
Subtest2	1512	1752.4	20.83	21.3±1
	1313	1712.6	20.44	21.3±1
HSDPA	1413	1732.6	20.69	21.3±1
Subtest3	1512	1752.4	20.89	21.3±1
opp.	1313	1712.6	20.45	21.3±1
HSDPA	1413	1732.6	20.69	21.3±1
Subtest4	1512	1752.4	20.81	21.3±1
HOUDA	1313	1712.6	20.46	21.3±1
HSUPA	1413	1732.6	20.64	21.3±1
Subtest1	1512	1752.4	20.77	21.3±1
HOURA	1313	1712.6	20.50	21.3±1
HSUPA Subtest2	1413	1732.6	20.51	21.3±1
Sublesiz	1512	1752.4	20.71	21.3±1
HOUDA	1313	1712.6	20.39	21.3±1
HSUPA	1413	1732.6	20.64	21.3±1
Subtest3	1512	1752.4	20.71	21.3±1
LICUIDA	1313	1712.6	20.46	21.3±1
HSUPA Subtost4	1413	1732.6	20.46	21.3±1
Subtest4	1512	1752.4	20.33	21.3±1
LICUDA	1313	1712.6	20.37	21.3±1
HSUPA Subtest5	1413	1732.6	20.65	21.3±1
Sublesto	1512	1752.4	20.34	21.3±1



Test Report	15070860-FCC-R1
Page	17 of 60

ERP & EIRP

ERP for Cellular Band (Part 22H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
824.2	25.97	V	6.8	0.53	32.24	38.45
824.2	25.72	Н	6.8	0.53	31.99	38.45
836.6	25.28	V	6.8	0.53	31.55	38.45
836.6	24.40	Н	6.8	0.53	30.67	38.45
848.8	24.69	V	6.9	0.53	31.06	38.45
848.8	24.28	Н	6.9	0.53	30.65	38.45

EIRP for PCS Band (Part 24E)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1850.2	25.14	V	7.88	0.85	32.17	33
1850.2	24.52	Н	7.88	0.85	31.55	33
1880	25.06	V	7.88	0.85	32.09	33
1880	24.03	Н	7.88	0.85	31.06	33
1909.8	25.20	V	7.86	0.85	32.21	33
1909.8	24.87	Н	7.86	0.85	31.88	33



Test Report	15070860-FCC-R1
Page	18 of 60

ERP for UMTS-FDD Band V (Part 22H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
826.4	14.84	V	6.8	0.53	21.11	38.45
826.4	14.72	Н	6.8	0.53	20.99	38.45
835	14.97	V	6.8	0.53	21.24	38.45
835	14.64	Н	6.8	0.53	20.91	38.45
846.6	15.31	V	6.9	0.53	21.68	38.45
846.6	14.78	Н	6.9	0.53	21.15	38.45

EIRP for UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1852.4	16.98	V	7.88	0.85	24.01	33
1852.4	16.42	Н	7.88	0.85	23.45	33
1880	18.11	V	7.88	0.85	25.14	33
1880	18.21	Н	7.88	0.85	25.24	33
1907.6	17.63	V	7.86	0.85	24.64	33
1907.6	18.15	Н	7.86	0.85	25.16	33

EIRP for UMTS-FDD Band IV (Part 27H)

Frequency (MHz)	Substituted level (dBm)	Antenna Polarization	Antenna Gain correction (dBi)	Cable Loss (dB)	Absolute Level (dBm)	Limit (dBm)
1712.4	16.28	V	7.76	0.82	23.22	30
1712.4	16.22	Н	7.76	0.82	23.16	30
1740	15.19	V	7.76	0.82	22.13	30
1740	15.24	Н	7.76	0.82	22.18	30
1752.6	14.74	V	7.74	0.82	21.66	30
1752.6	14.66	Н	7.74	0.82	21.58	30

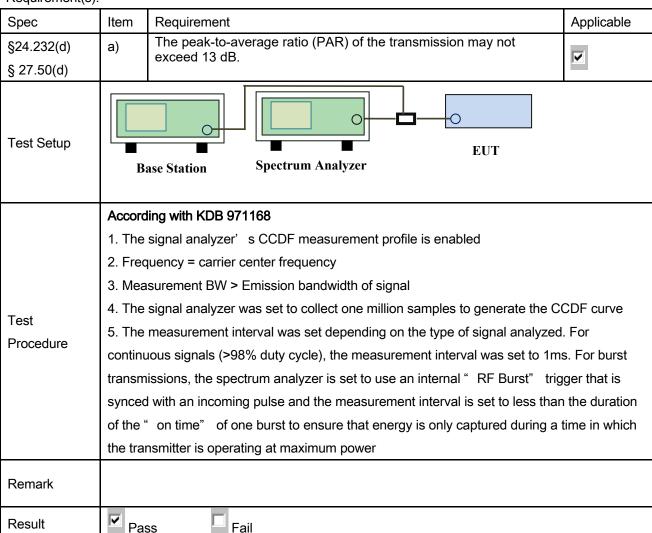


Test Report	15070860-FCC-R1
Page	19 of 60

6.3 Peak-Average Ratio

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By :	Winnie Zhang

Requirement(s):



Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	✓ _{N/A}



Test Report	15070860-FCC-R1
Page	20 of 60

GSM 1900 PK-AV POWER(PART 22H)

Frequency	Conducted power(dBm)		Peak-Average
(MHz)	Peak	Average	Ratio(PAR)
1850.2	31.12	30.87	0.25
1880	31.09	30.91	0.18
1909.8	31.2	30.79	0.41

UMTS-FDD BandII PK-AV POWER(PART 24E)

Frequency	Conducted power(dBm)		Peak-Average
(MHz)	Peak	Average	Ratio(PAR)
1852.4	25.53	22.72	2.81
1880	26.64	23.52	3.12
1907.6	25.47	22.97	2.50

UMTS-FDD BandIV PK-AV POWER (PART 27)

Frequency	Conducted power(dBm)		Peak-Average
(MHz)	Peak	Average	Ratio(PAR)
1712.6	22.92	20.51	2.41
1732.6	22.88	20.82	2.06
1752.4	24.36	20.98	3.38



Test Report	15070860-FCC-R1
Page	21 of 60

6.4 Modulation Characteristic

According to FCC § 2.1047(d), Part 22H, 24E& Part 27 there is no specific requirement for digital modulation, therefore modulation characteristic is not presented.



Test Report	15070860-FCC-R1
Page	22 of 60

6.5 Occupied Bandwidth

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable	
§2.1049, §22.917,	a)	a) 99% Occupied Bandwidth(kHz)		
§22.905 §24.238 §27.53(a)	b)	26 dB Bandwidth(kHz)	y	
Test Setup	Base Station Spectrum Analyzer			
Test Procedure	-	power divider.		
Remark				
Result	Pa	ss Fail		

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



Test Report	15070860-FCC-R1
Page	23 of 60

Cellular Band (Part 22H) result

Channal	Frequency	99% Occupied	26 dB Bandwidth
Channel	(MHz)	Bandwidth (kHz)	(kHz)
128	824.2	248.9082	318.363
190	836.6	244.9136	317.999
251	848.8	246.0786	318.203

PCS Band (Part 24E) result

Channel	Frequency (MHz)	99% Occupied Bandwidth (kHz)	26 dB Bandwidth (kHz)
512	1850.2	245.3725	313.576
661	1880.0	243.9736	313.351
810	1909.8	246.1088	317.800

UMTS-FDD Band V (Part 22H)

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
4132	826.4	4.1494	4.720
4175	835.0	4.1344	4.692
4233	846.6	4.1769	4.679

UMTS-FDD Band II (Part 24E)

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
9262	1852.4	4.1601	4.760
9400	1880.0	4.1596	4.723
9538	1907.6	4.2484	5.004

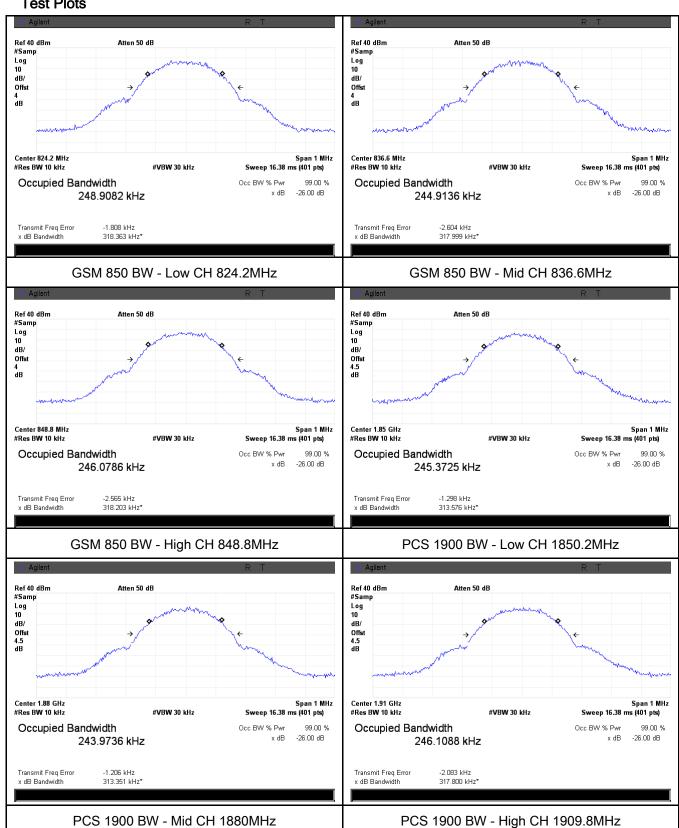
UMTS-FDD Band IV (Part 27E)

Channal	Frequency	99% Occupied	26 dB Bandwidth
Channel	(MHz)	Bandwidth (MHz)	(MHz)
9262	1852.4	4.1640	4.710
9400	1880.0	4.1855	4.814
9538	1907.6	4.1707	4.739



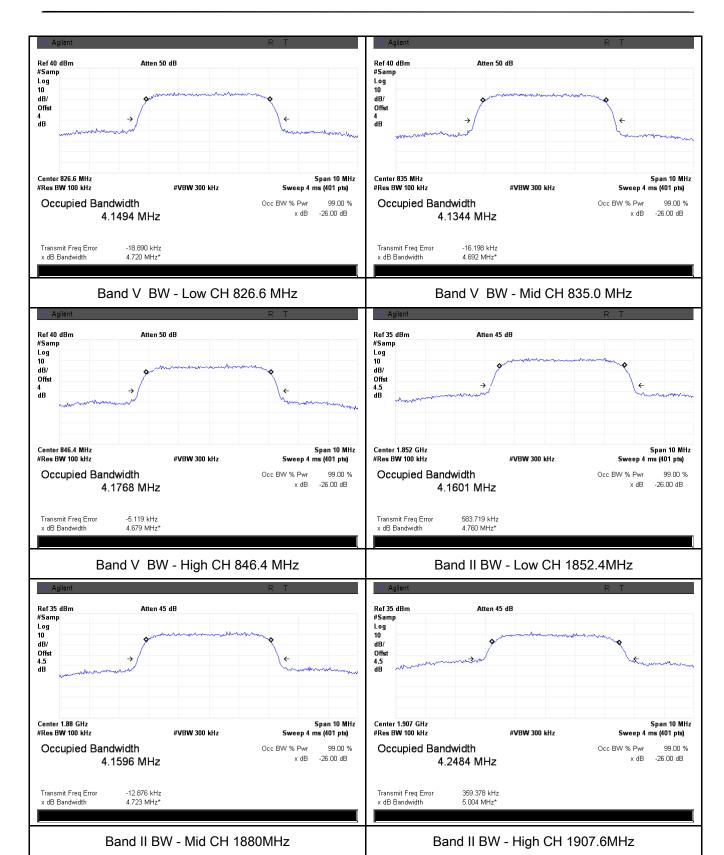
Test Report	15070860-FCC-R1
Page	24 of 60

Test Plots



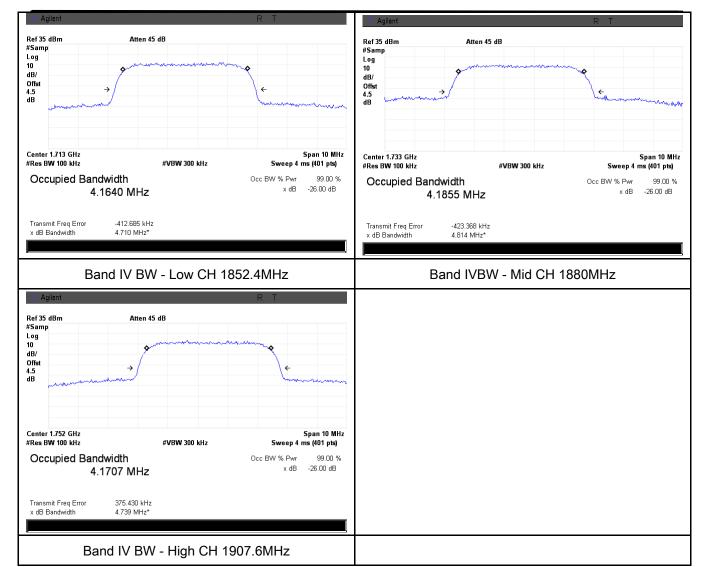


Test Report	15070860-FCC-R1
Page	25 of 60





Test Report	15070860-FCC-R1
Page	26 of 60





Test Report	15070860-FCC-R1
Page	27 of 60

6.6 Spurious Emissions at Antenna Terminals

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By :	Winnie Zhang

Requirement(s):

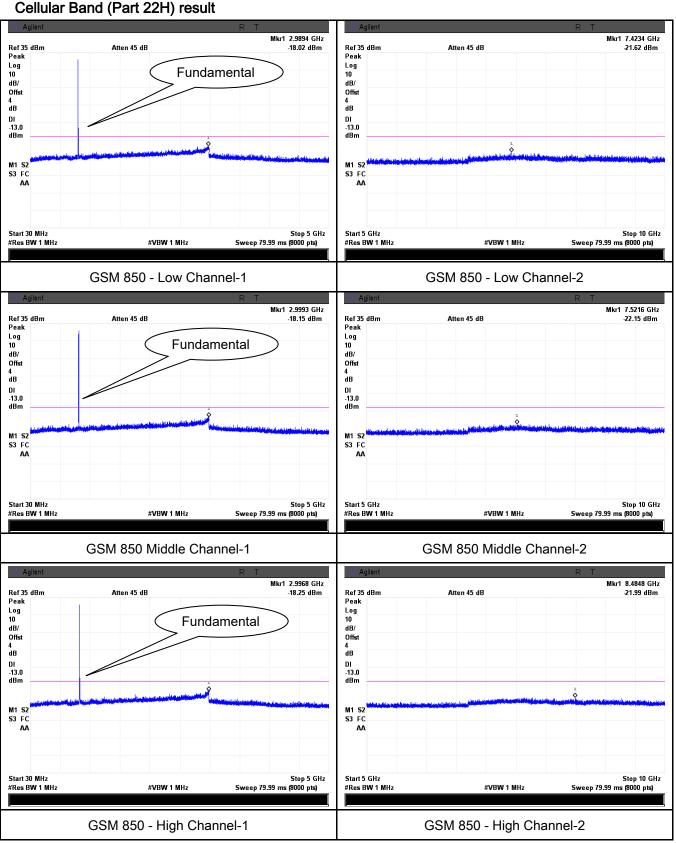
Spec	Item	Requirement	Applicable
§2.1051,	The power of any emission outside of the authorized		
§22.917(a)&	۵)	operating frequency ranges must be lower than the	V
§24.238(a)	a)	transmitter power (P) by a factor of at least 43 + 10 log	
§ 27.53(h)		(P) dB	
Test Setup		Base Station Spectrum Analyzer	
Test Procedure	 The EUT was connected to Spectrum Analyzer and Base Station via power divider. The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100. 		
Remark			
Result	▼ Pa	ss Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



Test Report	15070860-FCC-R1
Page	28 of 60

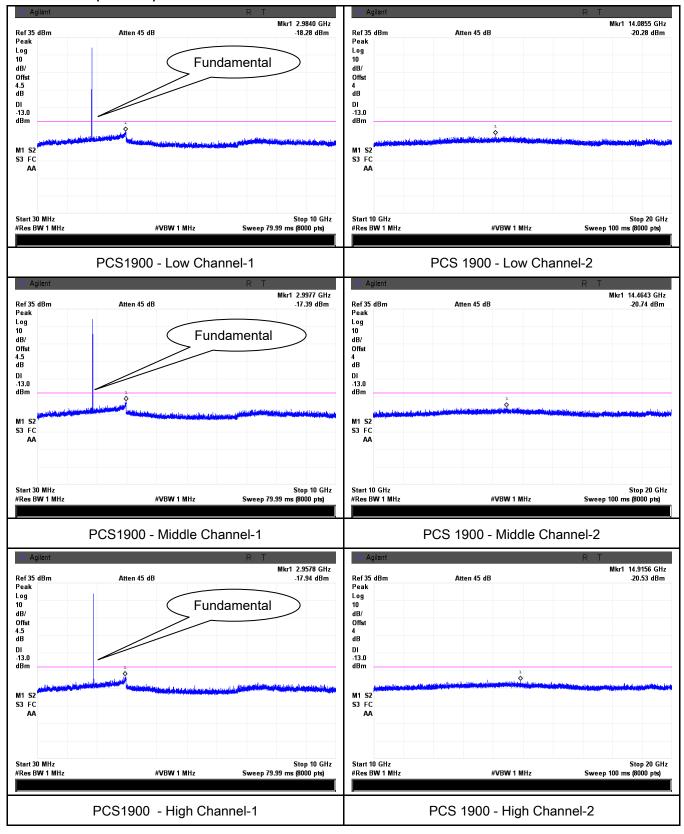
Test Plots





Test Report	15070860-FCC-R1
Page	29 of 60

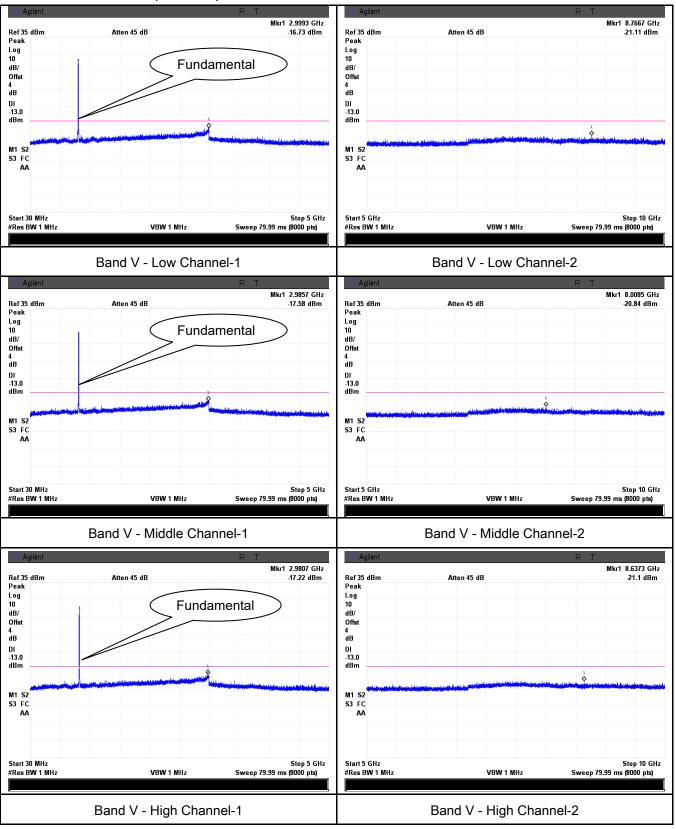
PCS Band (Part24E) result





Test Report	15070860-FCC-R1
Page	30 of 60

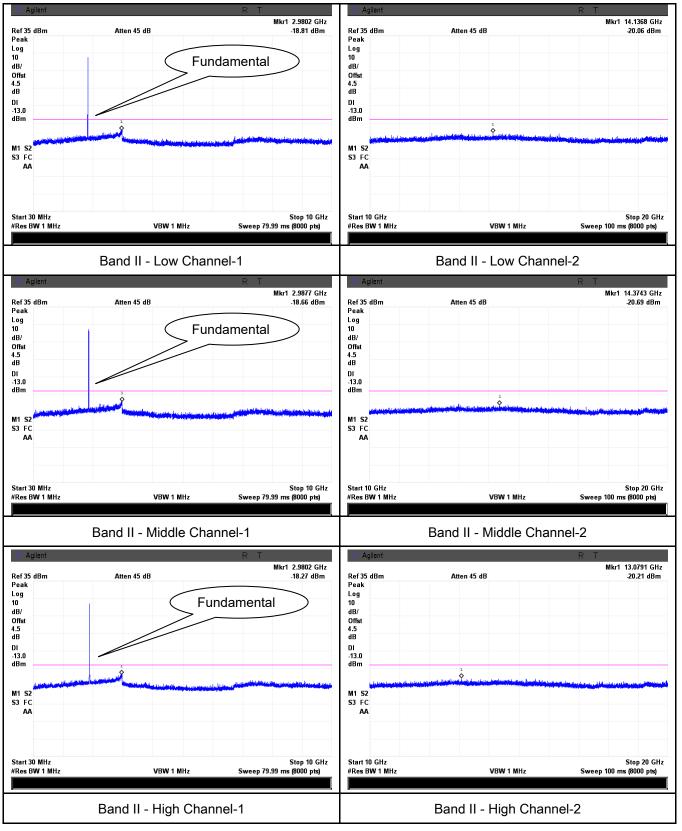
UMTS-FDD Band V (Part 22H)





Test Report	15070860-FCC-R1
Page	31 of 60

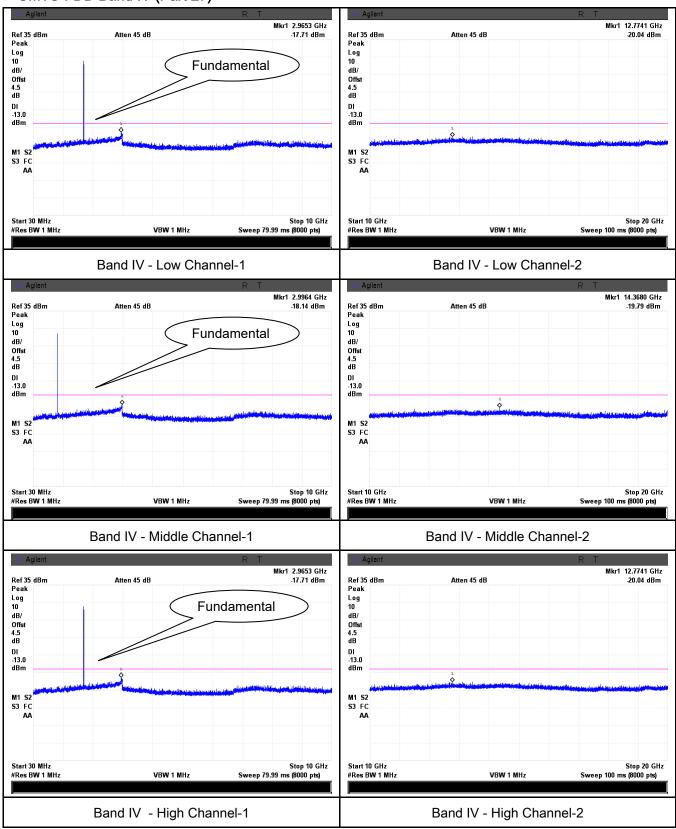
UMTS-FDD Band II (Part 24E)





Test Report	15070860-FCC-R1
Page	32 of 60

UMTS-FDD Band IV (Part 27)





Test Report	15070860-FCC-R1
Page	33 of 60

6.7 Spurious Radiated Emissions

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By:	Winnie Zhang

Requirement(s):

Requirement(s):			
Spec	Item	Requirement	Applicable
§2.1053, §22.917 & §24.238 § 27.53(h)	a)	The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitter power (P) by a factor of at least 43 + 10 log (P) dB. The spectrum is scanned from 30 MHz up to a frequency including its 10th harmonic.	
Test setup	Ant. Tower Support Units Turn Table Ground Plane Test Receiver		
Test Procedure	 The transmitter was placed on a wooden turntable, and it was transmitting into a non-radiating load which was also placed on the turntable. 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. 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. Sample Calculation: EUT Field Strength = Raw Amplitude (dBµV/m) - Amplifier Gain (dB) + Antenna Factor (dB) + Cable Loss (dB) + Filter Attenuation (dB, if used) 		
Remark			
Result	Pas	ss Fail	



Test Report	15070860-FCC-R1
Page	34 of 60

Test Data	Yes	□ _{N/A}
-----------	-----	------------------

Test Plot Yes (See below)

Cellular Band (Part 22H) result

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1648.4	-48.22	V	7.95	0.78	-41.05	-13	-28.05
1648.4	-49.67	Н	7.95	0.78	-42.50	-13	-29.50
149.5	-48.29	V	1.1	0.19	-47.38	-13	-34.38
213.2	-53.91	Н	6.3	0.2	-47.81	-13	-34.81

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-48.27	V	7.95	0.78	-41.10	-13	-28.10
1673.2	-49.53	Η	7.95	0.78	-42.36	-13	-29.36
149.8	-48.13	V	1.1	0.19	-47.22	-13	-34.22
213.5	-53.86	Н	6.3	0.2	-47.76	-13	-34.76

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1697.6	-48.15	V	7.95	0.78	-40.98	-13	-27.98
1697.6	-49.49	Н	7.95	0.78	-42.32	-13	-29.32
149.3	-48.12	V	1.1	0.19	-47.21	-13	-34.21
213.7	-53.96	Н	6.3	0.2	-47.86	-13	-34.86



Test Report	15070860-FCC-R1
Page	35 of 60

PCS Band (Part24E) result

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3700.4	-49.35	V	10.25	2.73	-41.83	-13	-28.83
3700.4	-50.11	Н	10.25	2.73	-42.59	-13	-29.59
148.5	-47.82	V	1.1	0.19	-46.91	-13	-33.91
214.9	-52.96	Н	6.3	0.2	-46.86	-13	-33.86

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-49.42	V	10.25	2.73	-41.9	-13	-28.90
3760	-50.09	Н	10.25	2.73	-42.57	-13	-29.57
148.2	-47.73	V	1.1	0.19	-46.82	-13	-33.82
214.6	-52.87	Н	6.3	0.2	-46.77	-13	-33.77

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3819.6	-49.53	V	10.36	2.73	-41.9	-13	-28.9
3819.6	-50.18	Η	10.36	2.73	-42.55	-13	-29.55
148.3	-47.61	V	1.1	0.19	-46.70	-13	-33.70
214.2	-52.91	Н	6.3	0.2	-46.81	-13	-33.81



Test Report	15070860-FCC-R1
Page	36 of 60

UMTS-FDD Band V (Part 22H)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1652.8	-49.73	V	7.95	0.78	-42.56	-13	-29.56
1652.8	-50.38	Н	7.95	0.78	-43.21	-13	-30.21
150.8	-48.11	V	1.1	0.19	-47.2	-13	-34.20
212.3	-53.87	Н	6.3	0.2	-47.77	-13	-34.77

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1670	-49.69	V	7.95	0.78	-42.52	-13	-29.52
1670	-50.26	Η	7.95	0.78	-43.09	-13	-30.09
150.3	-48.25	V	1.1	0.19	-47.34	-13	-34.34
212.4	-53.91	Н	6.3	0.2	-47.81	-13	-34.81

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1693.2	-49.72	V	7.95	0.78	-42.55	-13	-29.55
1693.2	-50.18	Н	7.95	0.78	-43.01	-13	-30.01
150.9	-48.06	V	1.1	0.19	-47.15	-13	-34.15
212.1	-53.75	Н	6.3	0.2	-47.65	-13	-34.65



Test Report	15070860-FCC-R1
Page	37 of 60

UMTS-FDD Band II (Part 24E)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3704.8	-50.39	٧	10.25	2.73	-42.87	-13	-29.87
3704.8	-51.24	Н	10.25	2.73	-43.72	-13	-30.72
147.5	-48.95	V	1.1	0.19	-48.04	-13	-35.04
215.9	-54.28	Н	6.3	0.2	-48.18	-13	-35.18

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3760	-50.41	V	10.25	2.73	-42.89	-13	-29.89
3760	-51.13	Η	10.25	2.73	-43.61	-13	-30.61
147.3	-48.88	V	1.1	0.19	-47.97	-13	-34.97
215.8	-54.16	Н	6.3	0.2	-48.06	-13	-35.06

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3815.2	-50.38	V	10.36	2.73	-42.75	-13	-29.75
3815.2	-51.25	Н	10.36	2.73	-43.62	-13	-30.62
147.1	-48.71	V	1.1	0.19	-47.8	-13	-34.80
215.6	-54.29	Н	6.3	0.2	-48.19	-13	-35.19



Test Report	15070860-FCC-R1
Page	38 of 60

UMTS-FDD Band IV (Part 27)

Low channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3424.8	-49.86	V	10.07	2.52	-42.31	-13	-29.31
3424.8	-50.31	Н	10.07	2.52	-42.76	-13	-29.76
150.6	-48.25	٧	1.1	0.19	-47.34	-13	-34.34
218.1	-53.86	Н	6.3	0.2	-47.76	-13	-34.76

Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3480	-48.92	V	10.09	2.52	-41.35	-13	-28.35
3480	-50.27	Н	10.09	2.52	-42.7	-13	-29.70
150.2	-48.34	V	1.1	0.19	-47.43	-13	-34.43
218.3	-53.71	Н	6.3	0.2	-47.61	-13	-34.61

High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3505.2	-48.86	V	10.09	2.52	-41.29	-13	-28.29
3505.2	-50.12	Η	10.09	2.52	-42.55	-13	-29.55
150.8	-48.25	V	1.1	0.19	-47.34	-13	-34.34
218.5	-53.59	Н	6.3	0.2	-47.49	-13	-34.49



Test Report	15070860-FCC-R1
Page	39 of 60

6.8 Band Edge

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By:	Winnie Zhang

Requirement(s):

Spec	Item	Requirement	Applicable
§22.917(a) §24.238(a) § 27.53(h)	a)	The power of any emission outside of the authorized operating frequency ranges must be lower than the transmitter power (P) by a factor of at least 43 + 10 log (P) dB.	>
Test setup		Base Station Spectrum Analyzer EUT	
Procedure	-	The EUT was connected to Spectrum Analyzer and Base Spower divider. The Band Edges of low and high channels for the highest Rowere measured. Setting RBW as roughly BW/100.	
Remark			
Result	☑ Pa	ss Fail	

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	□ _{N/A}



Test Report	15070860-FCC-R1
Page	40 of 60

Cellular Band (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9950	-14.25	-13
849.0175	-14.64	-13

PCS Band (Part24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.9950	-15.08	-13
1910.0175	-14.91	-13

UMTS-FDD Band V (Part 22H)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9000	-22.08	-13
849.2000	-20.27	-13

UMTS-FDD Band IV (Part 27)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.8500	-23.85	-13
1910.0500	-21.56	-13

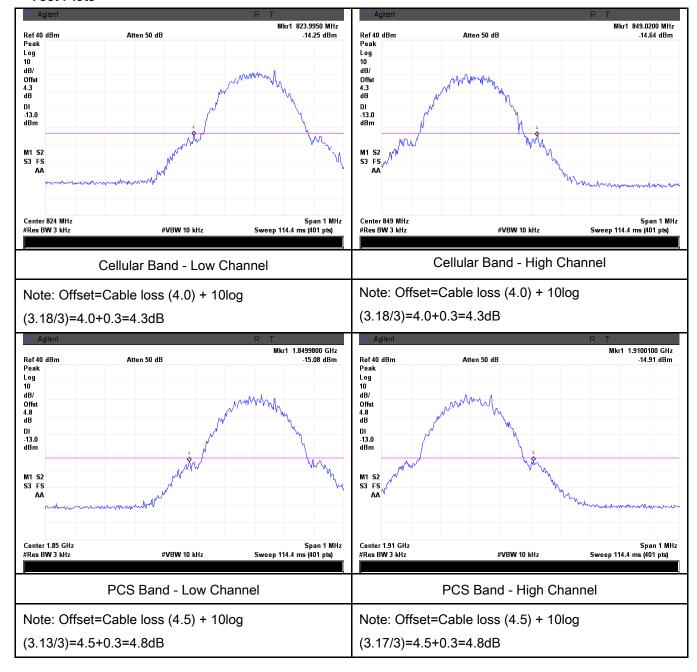
UMTS-FDD Band II (Part 24E)

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.8500	-19.38	-13
1910.0500	-15.81	-13



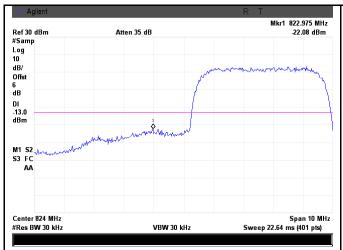
Test Report	15070860-FCC-R1
Page	41 of 60

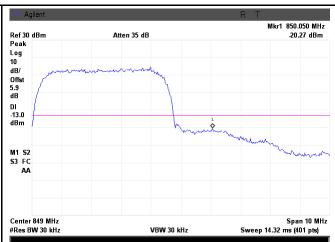
Test Plots





Test Report	15070860-FCC-R1
Page	42 of 60





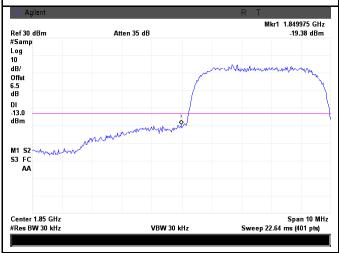
UMTS-FDD Band V - Low Channel

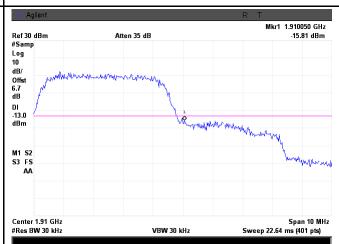
UMTS-FDD Band V - High Channel

Note: Offset=Cable loss (4.0) + 10log

Note: Offset=Cable loss (4.0) + 10log

(47.20/30)=4.0+2.0=6.0dB (46.79/30)=4.0+1.9=5.9dB



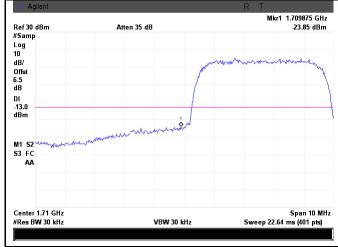


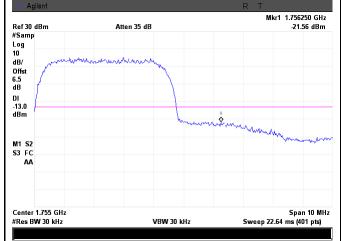
UMTS-FDD Band II - Low Channel

UMTS-FDD Band II - High Channel

Note: Offset=Cable loss (4.5) + 10log (47.60/30)=4.5+2.0=6.5dB

Note: Offset=Cable loss (4.5) + 10log (50.04/30)=4.5+2.2=6.7dB







Test Report	15070860-FCC-R1
Page	43 of 60

UMTS-FDD Band IV - Low Channel	UMTS-FDD Band IV - High Channel
Note: Offset=Cable loss (4.5) + 10log	Note: Offset=Cable loss (4.5) + 10log
(47.10/30)=4.5+2.0=6.5dB	(47.39/30)=4.5+2.0=6.5dB



Test Report	15070860-FCC-R1
Page	44 of 60

6.9 Frequency Stability

Temperature	22°C
Relative Humidity	51%
Atmospheric Pressure	1009mbar
Test date :	October 09, 2015
Tested By :	Winnie Zhang

Requirement(s):

Spec	Item	Requirement				Applicable
		According to §22.3 the Public Mobile S tolerances given in Frequency Toleran Services Frequency	Services mus Table below	et be maintained w	ithin the	
§2.1055,		Range	fixed	watts	watts	
§22.355 &		(MHz)	(ppm)	(ppm)	(ppm)	
§22.333 Q §24.235	a)	25 to 50	20.0	20.0	50.0	
	(a)	50 to 450	5.0	5.0	50.0	V
§ 27.5(h);		45 to 512	2.5	5.0	.0	
§ 27.54		821 to 896	1.5	2.5	2.5	
		928 to 29.	5.0	N/A	N/A	
		929 to 960.	1.5	N/A	N/A	
		2110 to 2220	10.0	N/A	N/A	
		According to §24.235, the frequency stability shall be sufficient to				
		ensure that the fun	damental en	nissions stay withi	n the authorized	
		frequency block.				
Test setup		Base Station EUT Thermal Chamber				



Test Report	15070860-FCC-R1
Page	45 of 60

	A communication link was established between EUT and base station. The		
	frequency error was monitored and measured by base station under variation		
Procedure	of ambient temperature and variation of primary supply voltage.		
	Limit: The frequency stability of the transmitter shall be maintained within		
	±0.00025% (±2.5ppm) of the center frequency.		
Remark			
Result	Pass Fail		

Test Data	Yes	□ _{N/A}
Test Plot	Yes (See below)	✓ _{N/A}



Test Report	15070860-FCC-R1
Page	46 of 60

Cellular Band (Part 22H) result

Middle Channel, f₀ = 836.6 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		22	0.0263	2.5	
0		23	0.0275	2.5	
10		24	0.0287	2.5	
20		15	0.0179	2.5	
30	3.7	16	0.0191	2.5	
40		20	0.0239	2.5	
50		18	0.0215	2.5	
55		24	0.0287	2.5	
0.5	4.2	23	0.0275	2.5	
25	3.5	21	0.0251	2.5	

PCS Band (Part 24E) result

. 30 24	1 00 Bana (1 art 2+2) 100art				
Middle Channel, f _o = 1880 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		22	0.0117	2.5	
0		21	0.0112	2.5	
10	3.7	18	0.0096	2.5	
20		16	0.0085	2.5	
30		17	0.0090	2.5	
40		21	0.0112	2.5	
50		21	0.0112	2.5	
55		26	0.0138	2.5	
0.5	4.2	23	0.0122	2.5	
25	3.5	23	0.0122	2.5	



Test Report	15070860-FCC-R1
Page	47 of 60

UMTS-FDD Band V (Part 22H)

Middle Channel, f₀ = 835 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		20	0.0240	2.5	
0		17	0.0204	2.5	
10	0.7	15	0.0180	2.5	
20		15	0.0180	2.5	
30	3.7	14	0.0168	2.5	
40		16	0.0192	2.5	
50		17	0.0204	2.5	
55		20	0.0240	2.5	
25	4.2	20	0.0240	2.5	
25	3.5	22	0.0263	2.5	

UMTS-FDD Band II (Part 24E)

	Middle Channel, f _o = 1880 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)		
-10		15	0.0080	2.5		
0		16	0.0085	2.5		
10		11	0.0059	2.5		
20		10	0.0053	2.5		
30	3.7	11	0.0059	2.5		
40		14	0.0074	2.5		
50		15	0.0080	2.5		
55		18	0.0096	2.5		
0.5	4.2	13	0.0069	2.5		
25	3.5	16	0.0085	2.5		



Test Report	15070860-FCC-R1
Page	48 of 60

UMTS-FDD Band IV (Part 27)

Middle Channel, f₀ = 1880 MHz					
Temperature (°C)	Power Supplied (V _{DC})	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)	
-10		11	0.0059	2.5	
0		12	0.0064	2.5	
10	3.7	9	0.0048	2.5	
20		8	0.0043	2.5	
30		9	0.0048	2.5	
40		10	0.0053	2.5	
50		13	0.0069	2.5	
55		10	0.0053	2.5	
0.5	4.2	12	0.0064	2.5	
25	3.5	16	0.0085	2.5	



Test Report	15070860-FCC-R1	
Page	49 of 60	

Annex A. TEST INSTRUMENT

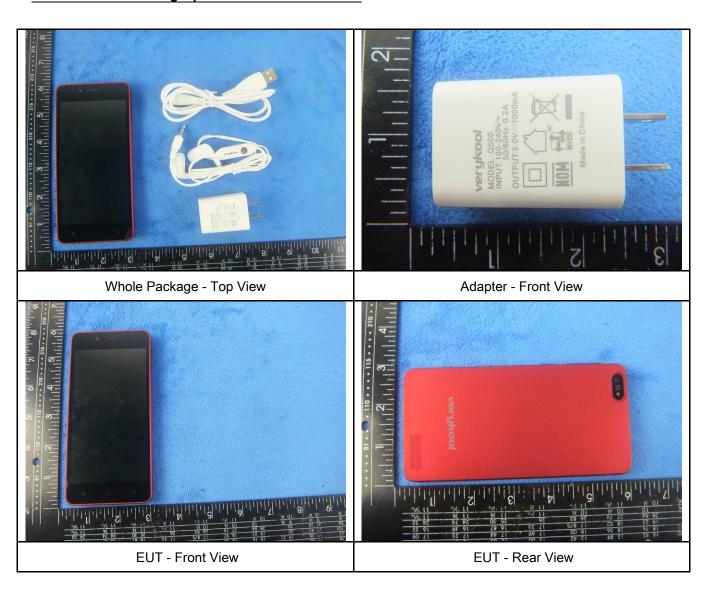
Instrument	Model	Serial #	Cal Date	Cal Due	In use
RF Conducted Test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/16/2015	09/15/2016	<u> </u>
Power Splitter	1#	1#	09/01/2015	08/31/2016	~
Universal Radio Communication Tester	CMU200	121393	09/25/2015	09/24/2016	<u><</u>
Temperature/Humidity Chamber	UHL-270	001	10/09/2015	10/08/2016	<u><</u>
DC Power Supply	E3640A	MY40004013	09/17/2015	09/16/2016	•
Radiated Emissions					
EMI test receiver	ESL6	100262	09/17/2015	09/16/2016	•
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/01/2015	08/31/2016	<u><</u>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	<u><</u>
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/21/2015	09/20/2016	<u><</u>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/21/2015	09/20/2016	<u><</u>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/24/2015	09/23/2016	<u><</u>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/24/2015	09/23/2016	<u><</u>
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/17/2015	09/16/2016	Y
Tunable Notch Filter	3NF- 800/1000-S	AA4	09/01/2015	08/31/2016	>
Tunable Notch Filter	3NF- 1000/2000-S	AM 4	09/01/2015	08/31/2016	V



Test Report	15070860-FCC-R1
Page	50 of 60

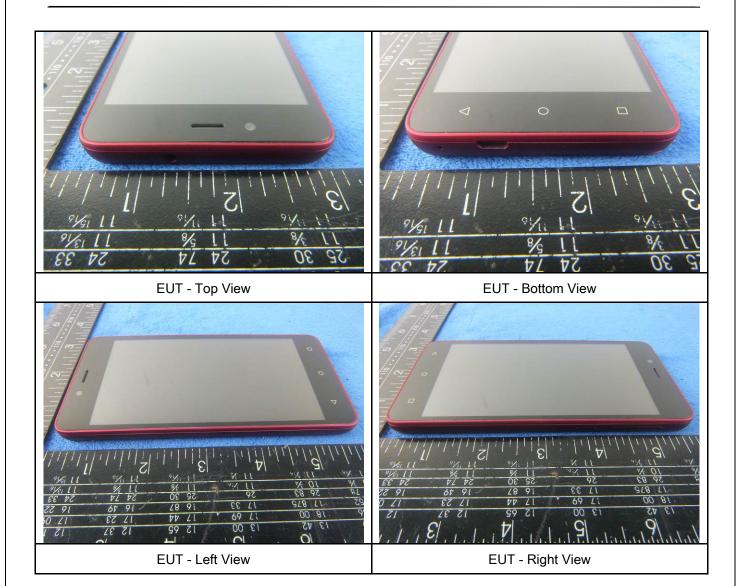
Annex B. EUT And Test Setup Photographs

Annex B.i. Photograph: EUT External Photo





Test Report	15070860-FCC-R1
Page	51 of 60





Test Report	15070860-FCC-R1	
Page	52 of 60	

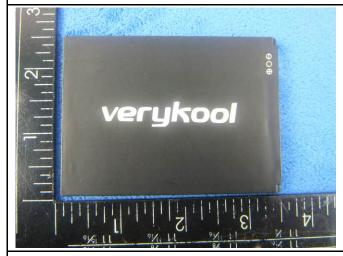
Annex B.ii. Photograph: EUT Internal Photo





Cover Off - Top View 1

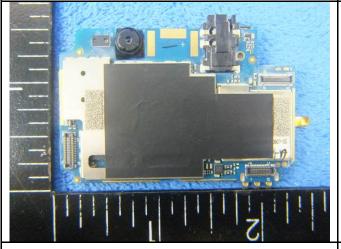
Cover Off - Top View 2



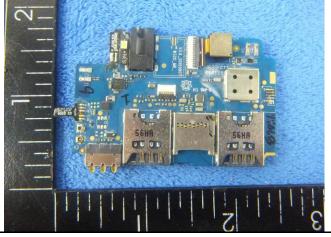


Battery - Top View

Battery - Bottom View



Mainborad With Shielding - Front View



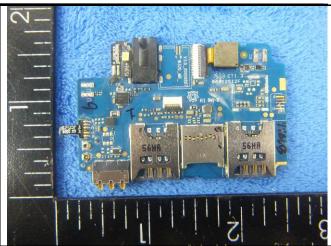
Mainborad With Shielding - Rear View



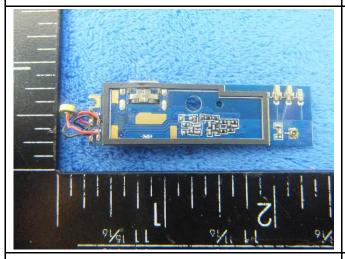
Test Report	15070860-FCC-R1	
Page	53 of 60	



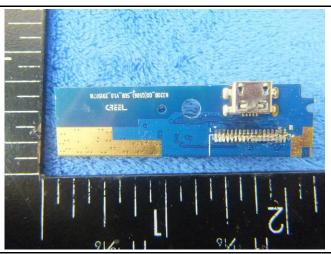
Mainborad Without Shielding - Front View



Mainborad Without Shielding - Rear View



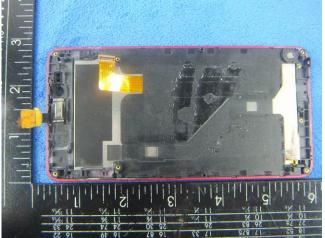
Small board - Front View



Small board - Rear View



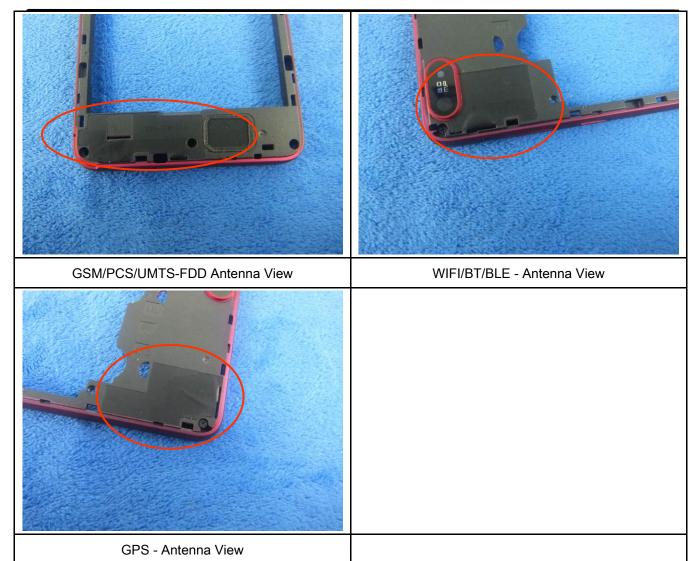
LCD - Front View



LCD - Rear View



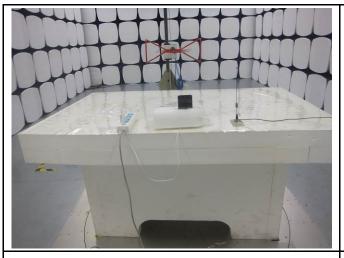
Test Report	15070860-FCC-R1
Page	54 of 60



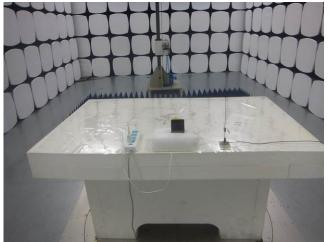


Test Report	15070860-FCC-R1	
Page	55 of 60	

Annex B.iii. Photograph: Test Setup Photo



Radiated Spurious Emissions Test Setup Below 1GHz



Radiated Spurious Emissions Test Setup Above 1GHz

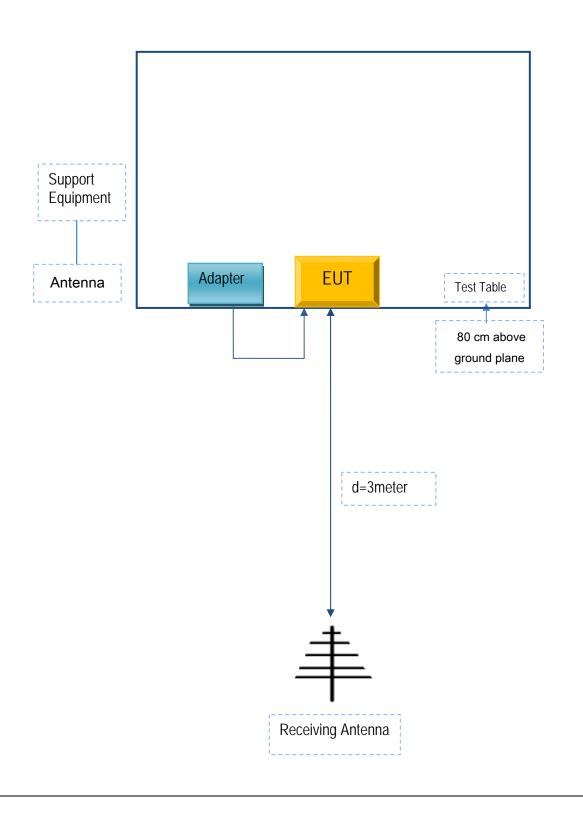


Test Report	15070860-FCC-R1	
Page	56 of 60	

Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

Annex C.ii. TEST SET UP BLOCK

Block Configuration Diagram for Radiated Emissions





Test Report	15070860-FCC-R1
Page	57 of 60

Annex C. il. SUPPORTING EQUIPMENT DESCRIPTION

The following is a description of supporting equipment and details of cables used with the EUT.

Manufacturer	Equipment Description	Model	Calibration Date	Calibration Due Date
N/A	N/A	N/A	N/A	N/A



Test Report	15070860-FCC-R1
Page	58 of 60

Annex C.ii. EUT OPERATING CONKITIONS

N/A



Test Report	15070860-FCC-R1
Page	59 of 60

Annex D. User Manual / Block Diagram / Schematics / Partlist

Please see attachment



Test Report	15070860-FCC-R1
Page	60 of 60

Annex E. DECLARATION OF SIMILARITY

N/A