# RF TEST REPORT



Report No.: 15050016-FCC-R

Applicant	plicant Micron Electronics LLC.			
Product Name	GSM Tracker			
Model No.	Prime bolt			
Serial No.	N/A			
Test Standard	FCC Part 2	FCC Part 22(H), FCC Part 24(E); ANSI/TIAC603 D: 2010		
Test Date	May 07 to May 28, 2015			
Issue Date	June 05, 2015			
Test Result	Pass Fail			
Equipment complied with the specification				
Equipment did not comply with the specification				
Winnie Zhang		Chris You		
Winnie Zhang Test Engineer		Chris You Checked By		
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Test result presented in this test report is applicable to the tested sample only

#### Issued by:

#### SIEMIC (SHENZHEN-CHINA) LABORATORIES

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# **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.



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### **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



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# 1. Report Revision History

Report No.	Report Version	Description	Issue Date
15050016-FCC-R	NONE	Original	June 05, 2015

# 2. Customer information

Applicant Name	Micron Electronics LLC.	
Applicant Add	1001 Yamato Road, Suite 400, Boca Raton, FL 33431, USA	
Manufacturer	Micron Electronics LLC.	
Manufacturer Add	1001 Yamato Road, Suite 400, Boca Raton, FL 33431, USA	

# 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	



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# 4. Equipment under Test (EUT) Information

GSM Tracker
Prime bolt
N/A
May 06 2015
May 07 to May 28, 2015
PCB
GSM850:-5 dBi PCS1900:-4 dBi
GPRS: GMSK EGPRS: GMSK, 8PSK
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
GSM850: 32.37 dBm PCS1900: 28.88 dBm
GSM850: 26.01 dBm / ERP PCS1900: 23.74 dBm / EIRP
GSM 850: 124CH PCS1900: 299CH
USB Port

Battery:

AC Adapter:

Input Power:

Spec: 3.7V 8800mAh

Charger Max Voltage:4.2V



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Input: AC 100-240V;1000mA

Output: DC 5.0V; 1A

Trade Name : Prime

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

FCC ID: ZKQ-BLT



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# 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)	RF Output Power	Compliance	
§ 24.232 (d)	Peak-Average Ratio	Compliance	
§ 2.1047	Modulation Characteristics	Compliance	
§ 2.1049; § 22.905; § 22.917;	000/ 9, 26 dB Occupied Bandwidth	Compliance	
§ 24.238;	99% & -26 dB Occupied Bandwidth		
§ 2.1051; § 22.917(a);	Spurious Emissions at Antonna Tarminal	Compliance	
§ 24.238(a);	Spurious Emissions at Antenna Terminal	Compliance	
§ 2.1053; § 22.917(a);	Field Strength of Spurious Rediction	Compliance	
§ 24.238(a);	Field Strength of Spurious Radiation		
§ 22.917(a); § 24.238(a);	Out of band emission, Band Edge	Compliance	
\$ 2.4055, \$ 22.255, \$ 24.225,	Frequency stability vs. temperature	Compliance	
§ 2.1055; § 22.355; § 24.235;	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		
-	-	-		



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# 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: 15050016-FCC-H



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# 6.2 RF Output Power

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 2015
Tested By :	Winnie Zhang

#### Requirement(s):

Requirement(s):	1		1					
Spec	Item Requirement Applica							
§22.913 (a)	a)	a) ERP:38.45dBm						
§24.232 (c)	b)	EIRP:33dBm						
Test Setup		EUT Base Station						
	Fo	or Conducted Power:						
	-	The transmitter output port was connected to base stat	ion.					
	-	Set EUT at maximum power through base station.						
	-	- Select lowest, middle, and highest channels for each band and						
	different test mode.							
	For ERP/EIRP:							
	- The transmitter was placed on a wooden turntable, and it was							
	transmitting into a non-radiating load which was also placed on the turntable.							
Test Procedure	- 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.							
	- The frequency range up to tenth harmonic of the fundamental							
	frequency was investigated.							
	- Remove the EUT and replace it with substitution antenna. A signal							
		generator was connected to the substitution antenna b	y a non-					



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	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) V/A				



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#### **Conducted Power**

### **GSM Mode:**

Burst Average Power (dBm);									
Band		GSM850				PCS1900			
Channel	128	190	251	Tune up Power tolerant	512	661	810	Tune up Power tolerant	
Frequency (MHz)	824.2	836.6	848.8	1	1850.2	1880	1909.8	1	
GPRS Multi-Slot Class 8 (1 uplink),GMSK	32.14	32.37	32.13	32±1	28.88	28.58	28.78	28±1	
GPRS Multi-Slot Class 10 (2 uplink) GMSK	32.01	32.14	32.04	32±1	28.82	28.42	28.57	28±1	

Remark:

GPRS, CS1 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

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



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### **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	19.52	V	6.8	0.53	25.79	38.45
824.2	17.36	Н	6.8	0.53	23.63	38.45
836.6	19.56	V	6.8	0.53	25.83	38.45
836.6	17.53	Н	6.8	0.53	23.80	38.45
848.8	19.64	V	6.9	0.53	26.01	38.45
848.8	17.71	Н	6.9	0.53	24.08	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	16.55	V	7.88	0.85	23.58	33
1850.2	15.42	Н	7.88	0.85	22.45	33
1880	16.71	V	7.88	0.85	23.74	33
1880	15.43	Н	7.88	0.85	22.46	33
1909.8	16.39	V	7.86	0.85	23.40	33
1909.8	15.48	Н	7.86	0.85	22.49	33



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# 6.3 Peak-Average Ratio

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 2015
Tested By:	Winnie Zhang

#### Requirement(s):

Spec	Item	Requirement	Applicable
§24.232(d)	a)	The peak-to-average ratio (PAR) of the transmission may not exceed 13 dB.	V
Test Setup	B	EUT Spectrum Analyzer	
Test Procedure	According with KDB 971168  1. The signal analyzer's CCDF measurement profile is enabled 2. Frequency = carrier center frequency 3. Measurement BW > Emission bandwidth of signal 4. The signal analyzer was set to collect one million samples to generate the CCDF curve 5. The measurement interval was set depending on the type of signal analyzed. For continuous signals (>98% duty cycle), the measurement interval was set to 1ms. For burst transmissions, the spectrum analyzer is set to use an internal "RF Burst" trigger that is synced with an incoming pulse and the measurement interval is set to less than the duration of the "on time" of one burst to ensure that energy is only captured during a time in which the transmitter is operating at maximum power		
Remark			
Result	<b>▼</b> Pa	ss Fail	

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	✓ <sub>N/A</sub>



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#### PCS1900

Frequency	Conducted	d power(dBm)	Dools Asserted Datio(DAD)
(MHz)	Peak	Average	Peak-Average Ratio(PAR)
1850.2	28.63	27.64	0.99
1880	28.72	27.89	0.83
1909.8	28.42	27.77	0.65



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### 6.4 Modulation Characteristic

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



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# 6.5 Occupied Bandwidth

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 2015
Tested By :	Winnie Zhang

#### Requirement(s):

Spec	Item	Item Requirement Applicab	
§2.1049,	a)	a) 99% Occupied Bandwidth(kHz)	
§22.917,			
§22.905	b)	26 dB Bandwidth(kHz)	<b>V</b>
§24.238			_
Test Setup	B	EUT Spectrum Analyzer	
	-	The EUT was connected to Spectrum Analyzer and Base	Station via
Test		power divider.	
Procedure	-	The 99% and 26 dB occupied bandwidth (BW) of the mide	dle channel
		for the highest RF powers.	
Remark			
Result	Pa	rail Fail	

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>



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# Cellular Band (Part 22H) result

Channal	Frequency	99% Occupied	26 dB Bandwidth
Channel	(MHz)	Bandwidth (kHz)	(kHz)
128	824.2	245.7476	322.159
190	836.6	248.7237	316.720
251	848.8	247.1755	319.238

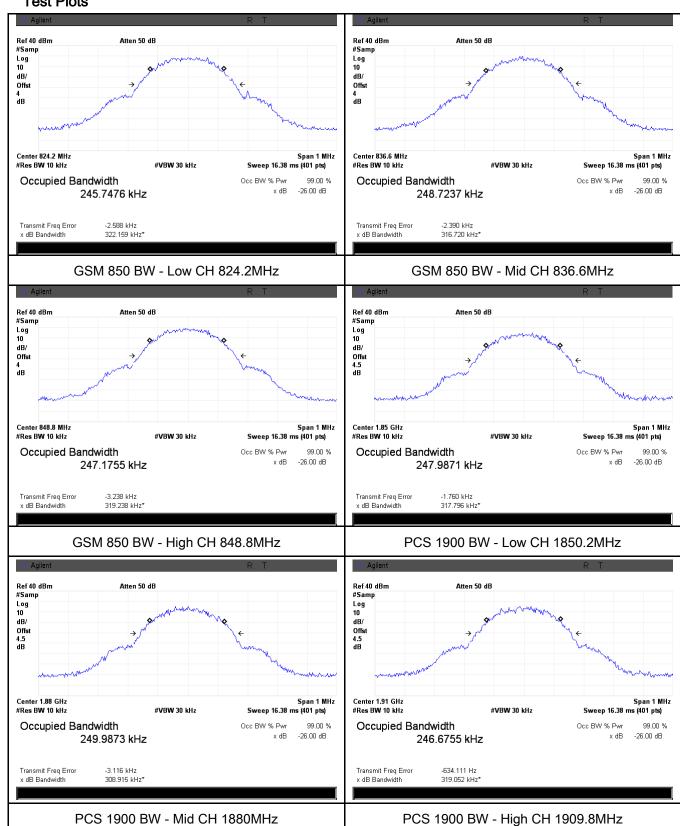
# PCS Band (Part 24E) result

Channal	Frequency	99% Occupied	26 dB Bandwidth
Channel	(MHz)	Bandwidth (kHz)	(kHz)
512	1850.2	247.9871	317.796
661	1880.0	249.9873	308.915
810	1909.8	246.6755	319.052



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#### **Test Plots**





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# 6.6 Spurious Emissions at Antenna Terminals

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 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)&	2)	operating frequency ranges must be lower than the	<b>V</b>
§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	<ul> <li>The EUT was connected to Spectrum Analyzer and Base Station via power divider.</li> <li>The Band Edges of low and high channels for the highest RF powers were measured.</li> <li>Setting RBW as roughly BW/100.</li> </ul>		
Remark			
Result	<b>☑</b> Pa	ss Fail	

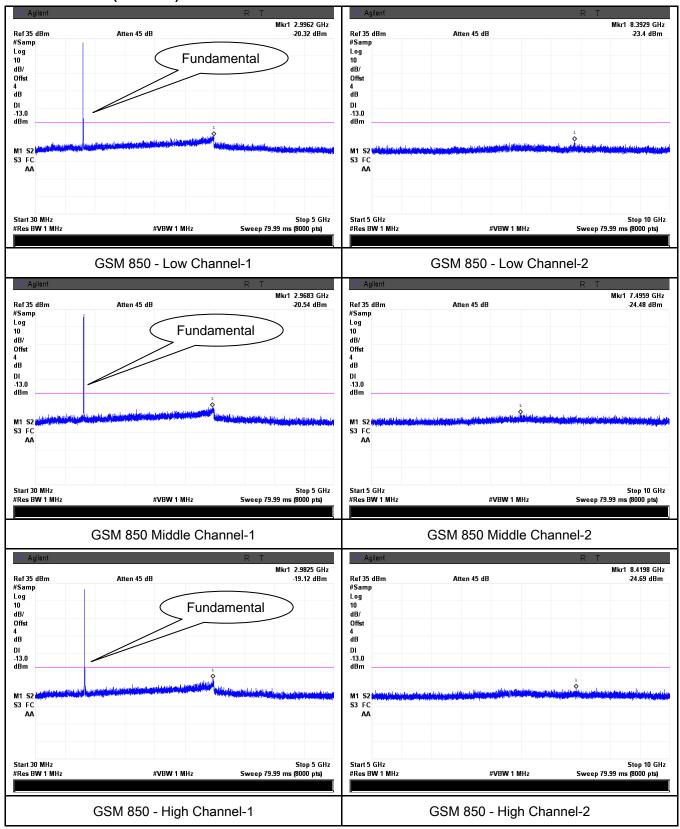
Test Data	Yes	$\square_{N/A}$
Test Plot	Yes (See below)	□ <sub>N/A</sub>



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#### **Test Plots**

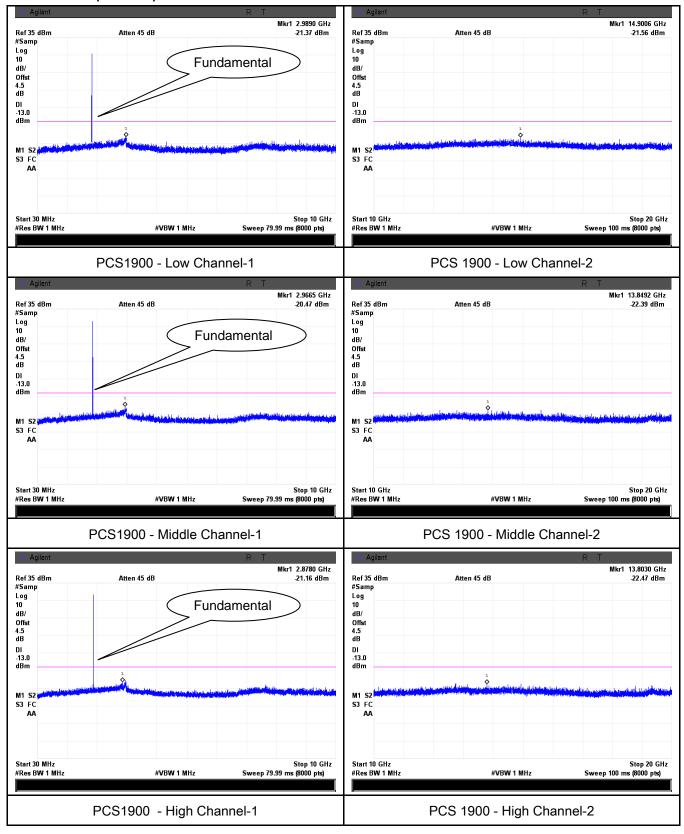
#### Cellular Band (Part 22H) result





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#### PCS Band (Part24E) result





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# 6.7 Spurious Radiated Emissions

Temperature	26°C
Relative Humidity	52%
Atmospheric Pressure	1001mbar
Test date :	May 26, 2015
Tested By:	Winnie Zhang

### 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	<ol> <li>The transmitter was placed on a wooden turntable, and it was transmitting into a non radiating load which was also placed on the turntable.</li> <li>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.</li> <li>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)     </li> </ol>							
Remark								



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Result	Pass	Fail	

Test Data Yes

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	-43.75	V	7.95	0.78	-36.58	-13	-23.58
1648.4	-45.23	Н	7.95	0.78	-38.06	-13	-25.06
423.5	-56.32	V	6.5	0.3	-50.12	-13	-37.12
713.4	-51.15	Н	6.8	0.41	-44.76	-13	-31.76

#### Middle channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1673.2	-44.72	V	7.95	0.78	-37.55	-13	-24.55
1673.2	-44.14	Н	7.95	0.78	-36.97	-13	-23.97
412.01	-56.23	V	6.5	0.3	-50.03	-13	-37.03
710.3	-53.15	Н	6.8	0.41	-46.76	-13	-33.76

### 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	-43.25	V	7.95	0.78	-36.08	-13	-23.08
1697.6	-42.77	Н	7.95	0.78	-35.6	-13	-22.6
421.2	-55.32	V	6.5	0.3	-49.12	-13	-36.12
709.8	-52.76	Н	6.8	0.41	-46.37	-13	-33.37



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### 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	-43.74	V	10.25	2.73	-36.22	-13	-23.22
3700.4	-45.35	Н	10.25	2.73	-37.83	-13	-24.83
418.3	-55.61	V	6.5	0.3	-49.41	-13	-36.41
712.5	-52.67	Н	6.8	0.41	-46.28	-13	-33.28

#### 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	-46.31	V	10.25	2.73	-38.79	-13	-25.79
3760	-44.79	Н	10.25	2.73	-37.27	-13	-24.27
419.1	-55.37	V	6.5	0.3	-49.17	-13	-36.17
712.4	-51.29	Н	6.8	0.41	-44.9	-13	-31.9

### 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	-47.31	V	10.36	2.73	-39.68	-13	-26.68
3819.6	-48.52	Н	10.36	2.73	-40.89	-13	-27.89
419.3	-54.37	V	6.5	0.3	-48.17	-13	-35.17
712.4	-52.32	Н	6.8	0.41	-45.93	-13	-32.93



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# 6.8 Band Edge

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 2015
Tested By:	Winnie Zhang

#### Requirement(s):

Spec	Item	Requirement	Applicable
§22.917(a) §24.238(a)	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.	<b>&gt;</b>
Test setup		Base Station Spectrum Analyzer EUT	
Procedure	<ul> <li>The EUT was connected to Spectrum Analyzer and Base Station via power divider.</li> <li>The Band Edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.</li> </ul>		
Remark			
Result	✓ Pa	ss Fail	_

Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>



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### Cellular Band (Part 22H) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9725	-14.51	-13
849.0175	-14.47	-13

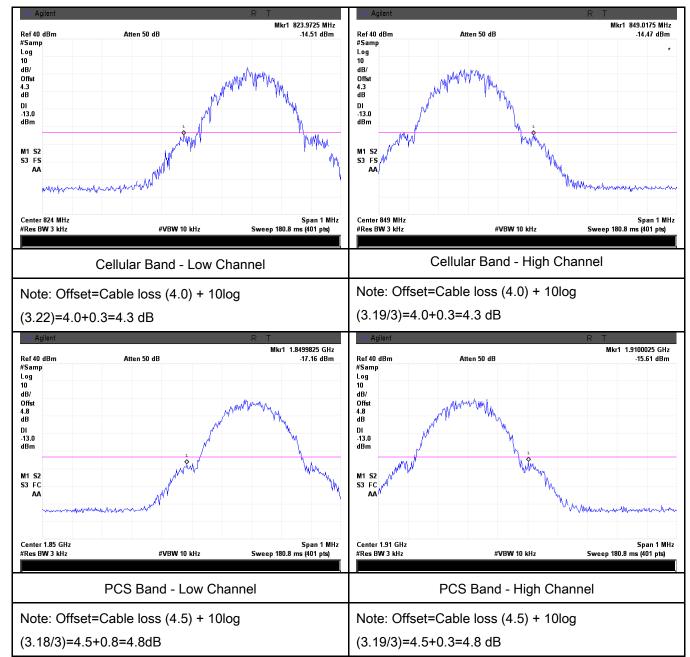
### PCS Band (Part24E) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1849.9825	-17.16	-13
1910.0025	-15.61	-13



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#### **Test Plots**





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# 6.9 Frequency Stability

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1019mbar
Test date :	May 25, 2015
Tested By :	Winnie Zhang

### Requirement(s):

Spec	Item	Requirement				Applicable
§2.1055, §22.355 & §24.235	a)	According to §22.3 the Public Mobile S tolerances given in Frequency Toleran Services  Frequency Range (MHz) 2 to 50 50 to 450 450 to 512 821 to 896 928 to 29. 929 to 960. 2110 to 2220 According to §24.2 ensure that the fun	Base, fixed (ppm) 20.0 5.0 2.5 1.5 5.0 1.5 10.0	mitters in the Publishmet was writters in the Publishmet Salaman (ppm)  20 0  5.0  5.0  2.5  N/A  N/A  N/A  uency stability shall	ic Mobile  Mobile ≤ 3 watts (ppm) 50.0 50.0 2.5 N/A N/A N/A Il be sufficient to	
		frequency block.				
Test setup	Base Station EUT Thermal Chamber					



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	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	□ <sub>N/A</sub>
Test Plot	Yes (See below)	✓ <sub>N/A</sub>



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# Cellular Band (Part 22H) result

	Middle Channel, f <sub>o</sub> = 836.6 MHz			
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		18	0.0215	2.5
0	3.7	16	0.0191	2.5
10		10	0.0120	2.5
20		8	0.0096	2.5
30		14	0.0167	2.5
40		17	0.0203	2.5
50		21	0.0251	2.5
55		26	0.0311	2.5
0.5	4.2	18	0.0215	2.5
25	3.5	21	0.0251	2.5

### PCS Band (Part 24E) result

1 00 Dana (1 art 2+L) 163ait				
Middle Channel, f₀ = 1880 MHz				
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		24	0.0128	2.5
0		18	0.0096	2.5
10	3.7	14	0.0074	2.5
20		9	0.0048	2.5
30		16	0.0085	2.5
40		18	0.0096	2.5
50		21	0.0112	2.5
55		26	0.0138	2.5
QE.	4.2	23	0.0122	2.5
25	3.5	22	0.0117	2.5



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# Annex A. TEST INSTRUMENT

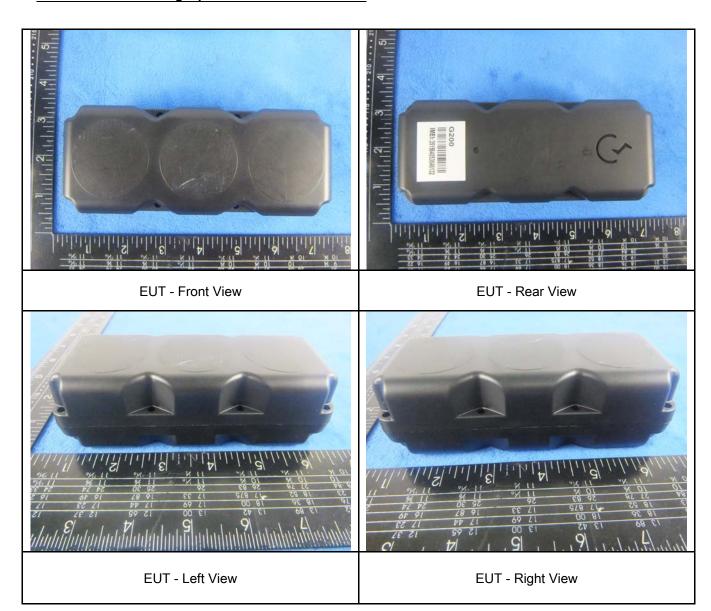
Instrument	Model	Serial#	Cal Date	Cal Due	In use
RF Conducted Test					
Agilent ESA-E SERIES SPECTRUM ANALYZER	E4407B	MY45108319	09/17/2014	09/16/2015	<b>\</b>
Power Splitter	1#	1#	09/02/2014	09/01/2015	~
Universal Radio Communication Tester	CMU200	121393	09/26/2014	09/25/2015	<b>(</b>
Temperature/Humidity Chamber	UHL-270	001	10/10/2014	10/09/2015	<u>&lt;</u>
DC Power Supply	E3640A	MY40004013	09/18/2014	09/17/2015	•
Radiated Emissions					
EMI test receiver	ESL6	100262	09/18/2014	09/17/2015	•
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/02/2014	09/01/2015	<u>\</u>
Microwave Preamplifier (1 ~ 26.5GHz)	8449B	3008A02402	03/25/2015	03/24/2016	V
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/22/2014	09/21/2015	<b>\</b>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/22/2014	09/21/2015	<b>\</b>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/25/2014	09/24/2015	<b>(</b>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/25/2014	09/24/2015	<b>(</b>
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/18/2014	09/17/2015	<b>\</b>
Tunable Notch Filter	3NF- 800/1000-S	AA4	09/02/2014	09/01/2015	>
Tunable Notch Filter	3NF- 1000/2000-S	AM 4	09/02/2014	09/01/2015	V



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# Annex B. EUT And Test Setup Photographs

### Annex B.i. Photograph: EUT External Photo





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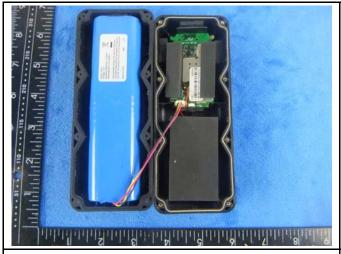
EUT - Top View

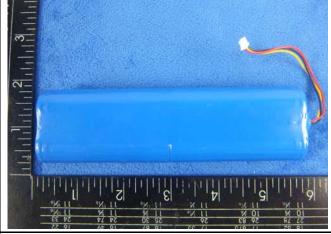
EUT - Button View



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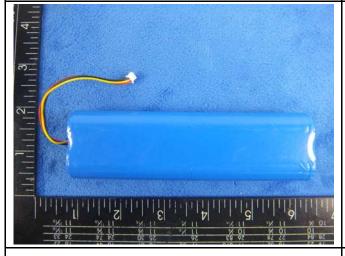
### Annex B.ii. Photograph: EUT Internal Photo





Cover Off - Top View 1

Battery - Top View

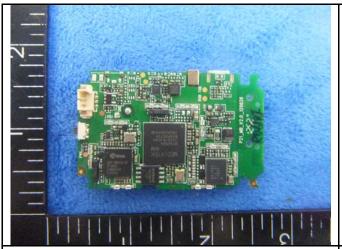








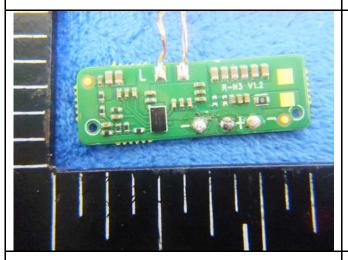
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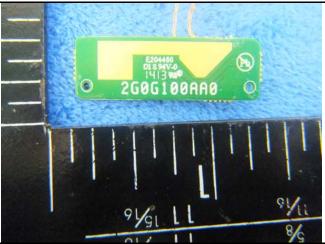
Mainborad With Shielding - Front View



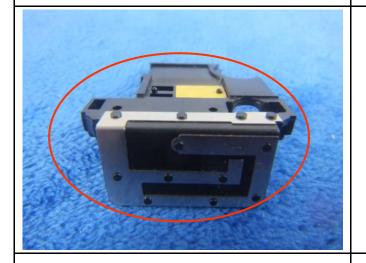
Mainborad Without Shielding - Front View



Mainborad With Shielding - rear View



Mainborad Without Shielding - rear View

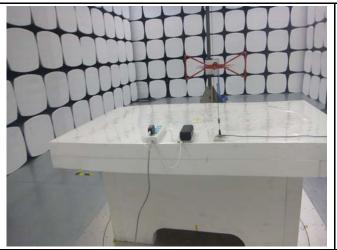


GSM/PCS Antenna View



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# Annex B.iii. Photograph: Test Setup Photo



Radiated Spurious Emissions Test Setup Below 1GHz



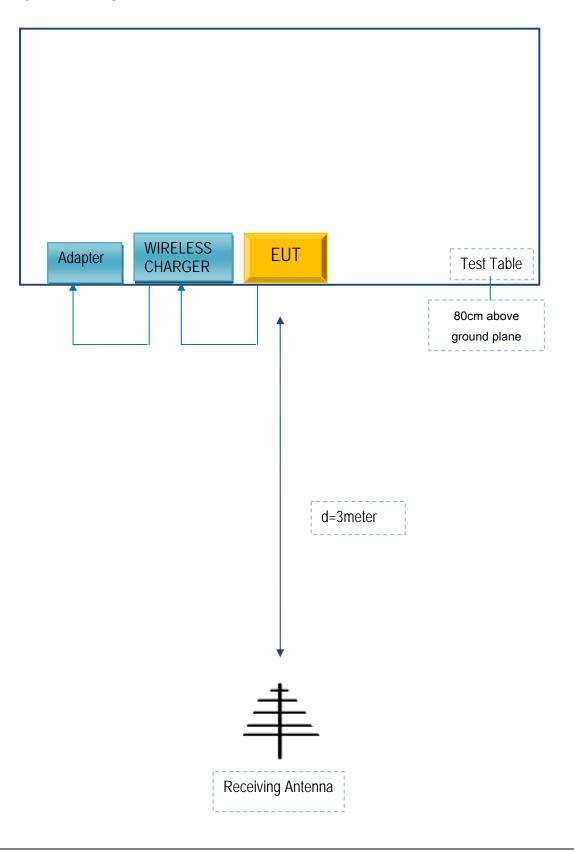
Radiated Spurious Emissions Test Setup Above 1GHz



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# Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### **Block Configuration Diagram for Radiated Emissions**





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### 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



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### Annex C.ii. EUT OPERATING CONKITIONS

The following is the description of how the EUT is exercised during testing.

Test	Description Of Operation
Emissions Testing	The EUT was communicating with base station and set to work at maximum output power.
Others Testing	The EUT was communicating with base station and set to work at maximum output power.



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

Please see attachment



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# Annex E. DECLARATION OF SIMILARITY

N/A