# RF TEST REPORT



Report No.: 16050010-FCC-R
Supersede Report No.: N/A

Applicant	Micron Electronics LLC.				
Product Name	Tracker	Tracker			
Model No.	Prime mPE	Rs X			
Serial No.	N/A	N/A			
Took Otom dond	FCC Part 22(H):2015; FCC Part 24(E): 2015; ANSI/TIA C603D:				
Test Standard	2010				
Test Date	February 26 to March 10 , 2016				
Issue Date	March 11, 2016				
Test Result	Pass Fail				
Equipment complied with the specification					
Equipment did no	t comply with	the specification			
Winnie Zhang		David Huang			
Winnie Zhang Test Engineer		David Huang 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
16050010-FCC-R	NONE	Original	March 11, 2016

# 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

Description of EUT:	racker
·	

Main Model: Prime mPERs X

Serial Model: N/A

Date EUT received: February 25, 2016

Test Date(s): February 26 to March 10, 2016

Equipment Category : PCB

Cellular CDMA:0dBi Antenna Gain:

PCS CDMA:1.8dBi

Type of Modulation: CDMA: QPSK

RF Operating Frequency (ies):

Cellular CDMA TX: 824.7 ~ 848.37 MHz; RX: 869.7 ~ 893.37 MHz

PCS CDMA TX: 1851.25 ~ 1908.75 MHz; RX: 1931.25 ~ 1988.75 MHz

Maximum Conducted Cellular CDMA: 24.09 dBm AV Power to Antenna: PCS CDMA: 23.05 dBm

Cellular CDMA: 21.74 dBm / ERP ERP/EIRP:

PCS CDMA: 24.50 dBm / EIRP

Port: USB Port



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Adapter:

Model:K05100-3

Input: AC 100-240V; 50/60Hz;0.3A

Output: DC 5.0V,1000mA

Input Power: Battery:

Model:PA23W

Capacity: 3.8V,400mAh,1.52Wh

Charge Voltage:4.35V

Trade Name : Prime

FCC ID: ZKQ-PMAX



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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);	RF Output Power	Compliance
§ 24.232 (d) ;	Peak-Average Ratio	Compliance
§ 2.1049; § 22.905; § 22.917; § 24.238;	99% & -26 dB Occupied Bandwidth	Compliance
§ 2.1051; § 22.917(a); § 24.238(a);	Spurious Emissions at Antenna Terminal	Compliance
§ 2.1053; § 22.917(a); § 24.238(a);	Field Strength of Spurious Radiation	Compliance
§ 22.917(a); § 24.238(a);	Out of band emission, Band Edge	Compliance
§ 2.1055; § 22.355; § 24.235;	Frequency stability vs. temperature Frequency stability vs. voltage	Compliance
§ 1.1307; § 2.1093	RF Exposure (SAR) Compliance	

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 Maximum Permissible Exposure (MPE)

Test Result: Pass

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

Please refer to RF Exposure Evaluation Report: 16050010-FCC-H.



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# 6.2 RF Output Power

Temperature	24°C
Relative Humidity	59%
Atmospheric Pressure	1007mbar
Test date :	March 07, 2016
Tested By :	Winnie Zhang

### Requirement(s):

Requirement(s):								
Spec	Item	Requirement Applical						
§22.913 (a)	a)	ERP:38.45dBm						
§24.232 (c)	b)	EIRP:33dBm						
Test Setup		Base Station EUT						
	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 b	oand 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							
Test Procedure		turntable.						
rest Procedure	_	The measurement antenna was placed at a distance of	f 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 sign							
		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	□ <sub>N/A</sub>				
Test Plot Yes	(See below) N/A				

### **Conducted Power**

# 1x RTT Mode:

Burst Average Power (dBm);								
Band		Cellular			PCS			
Channel	1013	384	779	Tune up Power	25	600	1175	Tune up Power
				tolerant				tolerant
Frequency (MHz)	824.7	836.5	848.37	1	1851.25	1880	1908.75	1
1x RTT	23.64	24.09	24.03	24±1	22.38	22.10	23.05	21.3±1



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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)
824.7	15.26	V	6.8	0.53	21.53	38.45
824.7	13.61	Н	6.8	0.53	19.88	38.45
836.5	15.43	V	6.8	0.53	21.70	38.45
836.5	13.88	Н	6.8	0.53	20.15	38.45
848.37	15.37	V	6.9	0.53	21.74	38.45
848.37	13.82	Н	6.9	0.53	20.19	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)
1851.25	16.79	V	7.88	0.85	23.82	33
1851.25	14.91	Н	7.88	0.85	21.94	33
1880	16.65	V	7.88	0.85	23.68	33
1880	14.83	Н	7.88	0.85	21.86	33
1908.75	17.49	V	7.86	0.85	24.50	33
1908.75	15.74	Н	7.86	0.85	22.75	33



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# 6.3 Peak-Average Ratio

Temperature	24°C
Relative Humidity	59%
Atmospheric Pressure	1007mbar
Test date :	March 07, 2016
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 v02r02  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)	$\square_{N/A}$



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### 1x RTT Mode:

#### PCS Band

Frequency	Conducted power(dBm)		Peak-Average
(MHz)	Peak	Average	Ratio(PAR)
1851.25	23.78	22.38	1.40
1880	23.65	22.10	1.55
1908.75	24.33	23.05	1.28



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# 6.4 Occupied Bandwidth

Temperature	24°C
Relative Humidity	56%
Atmospheric Pressure	1004mbar
Test date :	March 04, 2016
Tested By:	Winnie Zhang

### Requirement(s):

Spec	Item	Requirement	Applicable	
§2.1049,	a) 99% Occupied Bandwidth(kHz)		<b>V</b>	
§22.917,				
§22.905	b)	26 dB Bandwidth(kHz)		
§24.238				
Test Setup	B.	ase Station Spectrum Analyzer EUT		
	-	The Let Was connected to operation what year 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	ss Fail		

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



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### 1x RTT Mode:

### Cellular Band (Part 22H) result

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
1013	824.7	1.2820	1.436
384	836.5	1.2861	1.440
779	848.37	1.2901	1.447

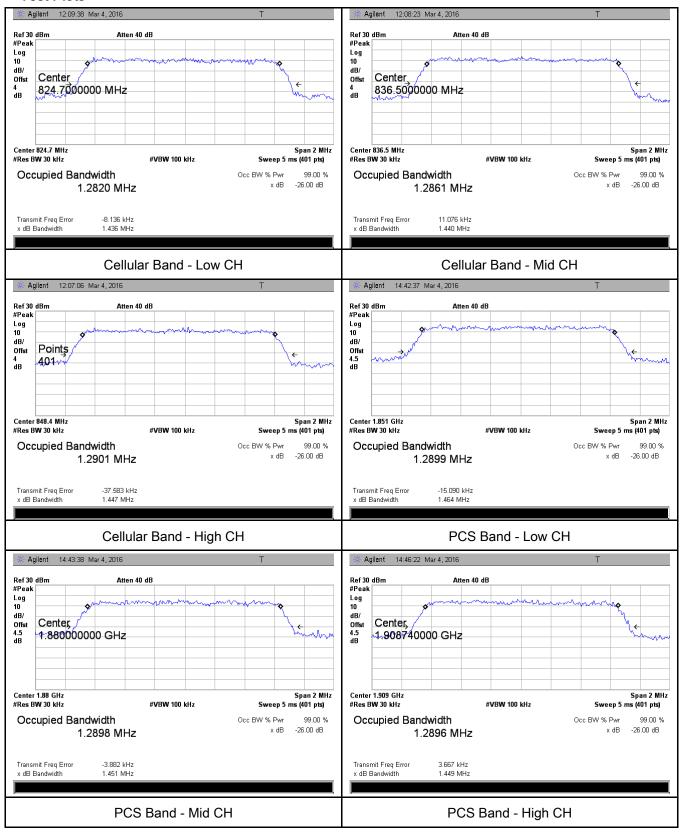
### PCS Band (Part 24E) result

Channel	Frequency (MHz)	99% Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
25	1851.25	1.2899	1.464
600	1880.0	1.2898	1.451
1175	1908.75	1.2896	1.449



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#### **Test Plots**





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# 6.6 Spurious Emissions at Antenna Terminals

Temperature	24°C
Relative Humidity	56%
Atmospheric Pressure	1004mbar
Test date :	March 04, 2016
Tested By :	Winnie Zhang

### Requirement(s):

Spec	Item	Requirement	Applicable
§2.1051, §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>(</b>
Test Setup		Base Station Spectrum Analyzer	
Test Procedure	-	The EUT was connected to Spectrum Analyzer and Base via power divider.  The Band Edges of low and high channels for the highest powers were measured.  Setting RBW as roughly BW/100.	
Remark			
Result	Pa	ss Fail	

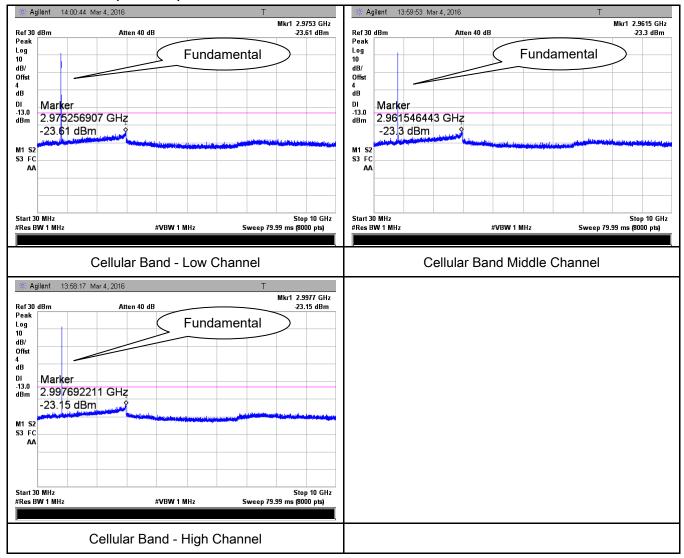
Test Data	Yes	□ <sub>N/A</sub>
Test Plot	Yes (See below)	□ <sub>N/A</sub>



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#### **Test Plots**

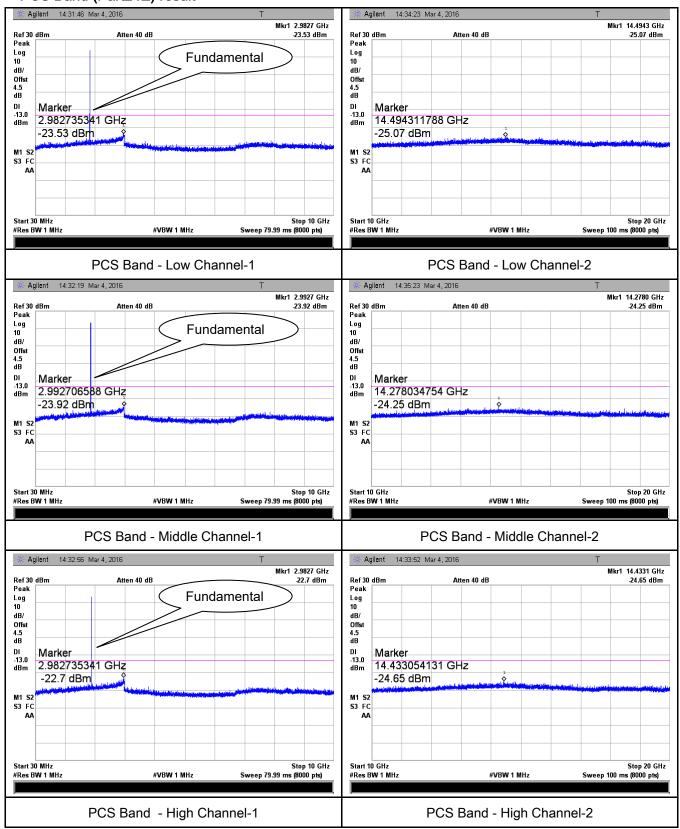
#### Cellular Band (Part 22H) result





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#### PCS Band (Part24E) result





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# 6.7 Spurious Radiated Emissions

Temperature	24°C
Relative Humidity	59%
Atmospheric Pressure	1007mbar
Test date :	March 07, 2016
Tested By:	Winnie Zhang

#### Requirement(s):

Requirement(s):						
Spec	Item	Requirement	Applicable			
§2.1053, §22.917 & §24.238	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	EUTe Suppe	Turn Table	le			
Test Procedure	rad  2. The Dui vari was 3. Rei con of ti Sai	radiating load which was also placed on the turntable.  2. The measurement antenna was placed at a distance of 3 meters from the EUT.  During the tests, the antenna height and polarization as well as EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. The test was performed by placing the EUT on 3-orthogonal axis.				



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Remark					
Result		Pass	☐ Fail		
Test Data	Y	es	□ <sub>N/A</sub>		
Test Plot	$\square_{Y}$	es (See below)	✓ <sub>N/A</sub>		



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### 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)
1649.4	-41.87	V	7.95	0.78	-34.7	-13	-21.7
1649.4	-42.18	Н	7.95	0.78	-35.01	-13	-22.01
276.5	-50.12	V	5.7	0.25	-44.67	-13	-31.67
623.7	-48.95	Н	7	0.38	-42.33	-13	-29.33

#### 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	-41.56	V	7.95	0.78	-34.39	-13	-21.39
1673	-42.63	Н	7.95	0.78	-35.46	-13	-22.46
276.2	-50.24	V	5.7	0.25	-44.79	-13	-31.79
623.8	-48.87	Н	7	0.38	-42.25	-13	-29.25

### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
1696.7	-41.66	V	7.95	0.78	-34.49	-13	-21.49
1696.7	-42.24	Н	7.95	0.78	-35.07	-13	-22.07
276.6	-50.31	V	5.7	0.25	-44.86	-13	-31.86
623.2	-48.75	Н	7	0.38	-42.13	-13	-29.13

#### Note:

- 1, The testing has been conformed to 10\*848.37MHz=8483.7MHz
- 2, All other emissions more than 30 dB below the limit



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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)
3702.5	-48.86	V	10.25	2.73	-41.34	-13	-28.34
3702.5	-48.12	Н	10.25	2.73	-40.6	-13	-27.6
276.4	-52.13	V	5.7	0.25	-46.68	-13	-33.68
623.1	-51.46	Н	7	0.38	-44.84	-13	-31.84

#### 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	-48.78	V	10.25	2.73	-41.26	-13	-28.26
3760	-48.36	Н	10.25	2.73	-40.84	-13	-27.84
276.5	-52.28	V	5.7	0.25	-46.83	-13	-33.83
623.4	-51.51	Н	7	0.38	-44.89	-13	-31.89

### High channel

Frequency (MHz)	Substituted level (dBm)	Polarity (H/V)	Antenna Gain Correction (dB)	Cable Loss (dB)	Corrected Reading (dBm)	Limit (dBm)	Margin (dB)
3817.5	-48.69	V	10.36	2.73	-41.06	-13	-28.06
3817.5	-48.23	Н	10.36	2.73	-40.6	-13	-27.6
276.3	-52.06	V	5.7	0.25	-46.61	-13	-33.61
623.6	-51.39	Н	7	0.38	-44.77	-13	-31.77

#### Note:

- 1, The testing has been conformed to 10\*1908.75MHz=19087.5MHz
- 2, All other emissions more than 30 dB below the limit



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# 6.8 Band Edge

Temperature	24°C
Relative Humidity	56%
Atmospheric Pressure	1004mbar
Test date :	March 04, 2016
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.	V
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	<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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### Cellular Band (Part 22H) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
823.9275	-22.35	-13
849.2100	-22.64	-13

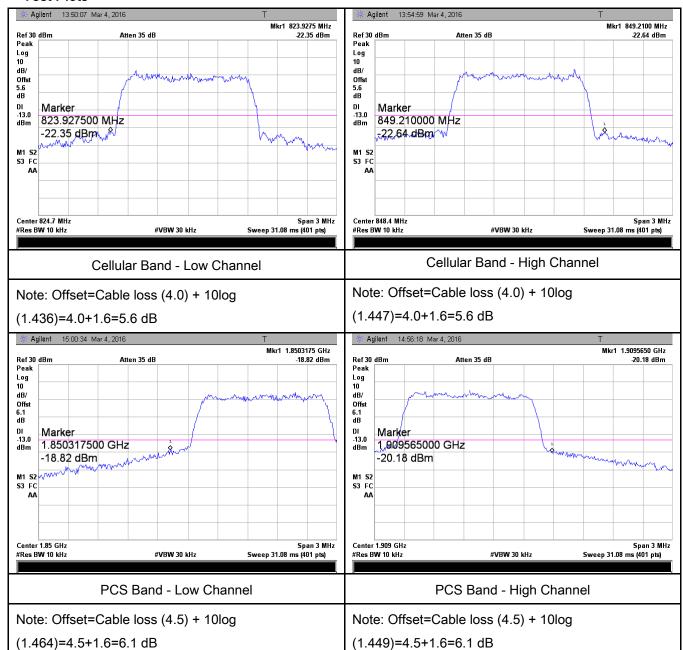
### PCS Band (Part24E) result

Frequency (MHz)	Emission (dBm)	Limit (dBm)
1850.3175	-18.82	-13
1909.5650	-20.18	-13



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#### **Test Plots**





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# 6.9 Frequency Stability

Temperature	23°C
Relative Humidity	55%
Atmospheric Pressure	1003mbar
Test date :	March 03, 2016
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) 25 to 50 50 to 450 450 to 51 821 to 896 928 to 929. 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 35, the frequ	mitters in the Publishmet was writters in the Publishmet Salaman watts (ppm) 20.0 5.0 5. 2.5 N/A N/A N/A N/A N/A uency stability shall water stability shall salaman water stability salaman water stability shall salaman water stability salaman water stability shall salaman water stability salaman water stability salaman water stability salaman water stability sala	ic Mobile  Mobile ≤ 3 watts (ppm) 50.0 50.0 5.0 2.5 N/A N/A N/A N/A Il be sufficient to	<b>▼</b>
		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)	<b>▽</b> N/A



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# Cellular Band (Part 22H) result

	Middle Channel, f₀ = 836.52 MHz			
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		19	0.0227	2.5
0		16	0.0191	2.5
10	0.7	15	0.0179	2.5
20		15	0.0179	2.5
30	3.7	14	0.0167	2.5
40		17	0.0203	2.5
50		13	0.0155	2.5
55		17	0.0203	2.5
25	4.2	16	0.0191	2.5
25	3.5	20	0.0239	2.5

### PCS Band (Part 24E) result

	1 00 Bana (1 art 2+2) 100art			
Middle Channel, f₀ = 1880 MHz				
Temperature (°C)	Power Supplied (V <sub>DC</sub> )	Frequency Error (Hz)	Frequency Error (ppm)	Limit (ppm)
-10		21	0.0112	2.5
0		17	0.0090	2.5
10		14	0.0074	2.5
20		14	0.0074	2.5
30	3.7	15	0.0080	2.5
40		21	0.0112	2.5
50		23	0.0122	2.5
55		21	0.0112	2.5
25	4.2	20	0.0106	2.5
20	3.5	210	0.1117	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	09/16/2015	09/16/2015	09/15/2016	<u>&lt;</u>
Power Splitter	1#	09/01/2015	09/01/2015	08/31/2016	~
Universal Radio Communication Tester	CMU200	09/25/2015	09/25/2015	09/24/2016	<u>\</u>
Power Amplifier	SMC150D	R1553-0313	03/10/2015	03/10/2016	~
Power Amplifier	S41-25D	R1553-0314	05/28/2015	05/28/2016	>
Temperature/Humidity Chamber	UHL-270	10/09/2015	10/09/2015	10/08/2016	<b>&gt;</b>
DC Power Supply	E3640A	09/17/2015	09/17/2015	09/16/2016	<
Radiated Emissions					
EMI test receiver	ESL6	100262	09/17/2015	09/16/2016	<u> </u>
OPT 010 AMPLIFIER (0.1-1300MHz)	8447E	2727A02430	09/01/2015	08/31/2016	V
Microwave Preamplifier (0.5 ~ 18GHz)	PAM-118	443008	03/25/2015	03/24/2016	V
Bilog Antenna (30MHz~6GHz)	JB6	A110712	09/21/2015	09/20/2016	<u>&lt;</u>
Bilog Antenna (30MHz~2GHz)	JB1	A112017	09/21/2015	09/20/2016	V
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71259	09/24/2015	09/23/2016	<b>Y</b>
Double Ridge Horn Antenna (1 ~18GHz)	AH-118	71283	09/24/2015	09/23/2016	•
SYNTHESIZED SIGNAL GENERATOR	8665B	3744A01293	09/17/2015	09/16/2016	<u>\</u>
Tunable Notch Filter	3NF- 800/1000-S	AA4	09/01/2015	08/31/2016	<b>\</b>
Tunable Notch Filter	3NF- 1000/2000-S	AM 4	09/01/2015	08/31/2016	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 - Bottom View** 



EUT - Left View



EUT - Right View



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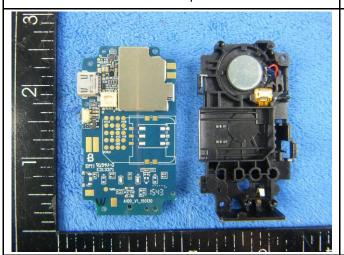
### Annex B.ii. Photograph: EUT Internal Photo



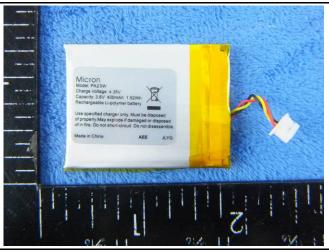
Cover Off - Top View 1



Cover Off - Top View 2



Cover Off - Top View 3



Battery - Front View



Battery - Rear View



Mainbard with Shielding - Front View



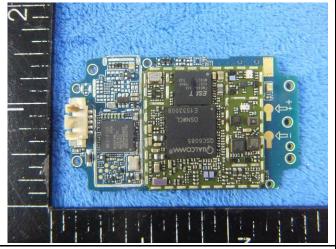
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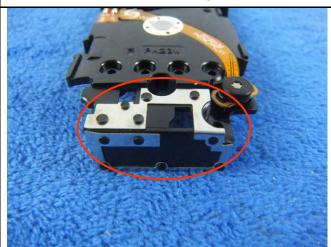
Mainbard with Shielding - Rear View



Mainboard without shielding - Front View



Mainbard without Shielding - Rear View

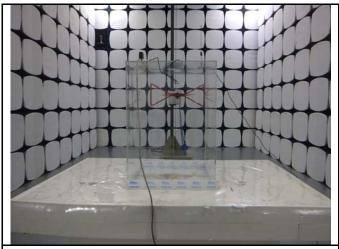


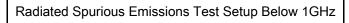
CDMA - Antenna View



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### Annex B.iii. Photograph: Test Setup Photo







Radiated Spurious Emissions Test Setup Above 1GHz

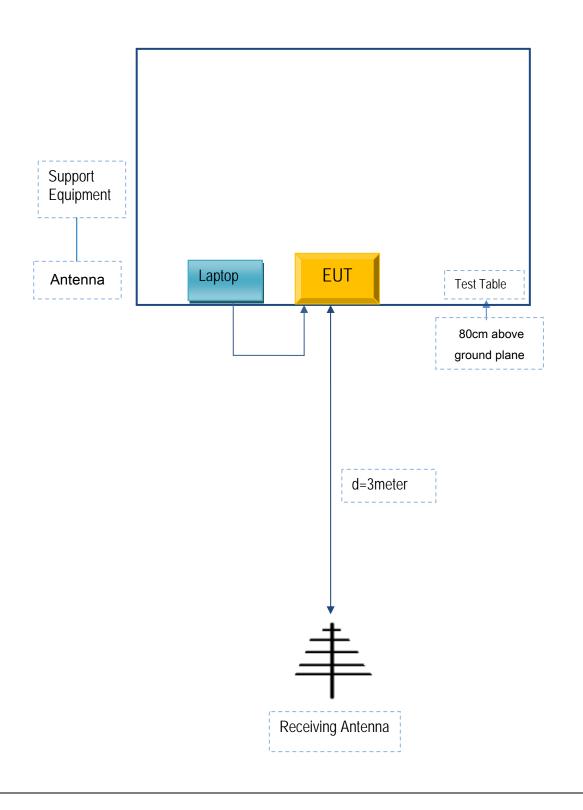


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# Annex C. TEST SETUP AND SUPPORTING EQUIPMENT

### Annex C.ii. TEST SET UP BLOCK

**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	Serial No
Micron Electronics LLC.	Adapter	K05100-3	JX05100

### Supporting Cable:

Cable type	Shield Type	Ferrite Core	Length	Serial No
USB Cable	Un-shielding	No	0.8m	JX04022



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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