



# Part 24

## TEST REPORT

**Product Name** GPS Tracker

**Model Name** FJ110C

**Brand Name** FJ110C

**FCC ID** 2AHRH-FJ110C

**Applicant** Positioning Universal Inc

**Manufacturer** Fujiao Communications

**Date of issue** April 11, 2016

**TA Technology (Shanghai) Co., Ltd.**

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 2 of 31

**GENERAL SUMMARY**

<b>Reference Standard(s)</b>	<p><b>FCC CFR47 Part 2 (2015)</b> Frequency Allocations And Radio Treaty Matters; General Rules And Regulations</p> <p><b>FCC CFR47 Part 24E (2015)</b> Personal Communications Services</p> <p><b>ANSI/TIA-603-D(2010)</b> Land mobile FM or PM Communications Equipment Measurements and Performance Standards.</p> <p><b>KDB 971168 D01 Power Meas License Digital Systems v02r02</b> Measurement Guidance for Certification of Licensed Digital Transmitters</p>
<b>Conclusion</b>	<p>This fixed wireless equipment has been measured in all cases requested by the relevant standards. Test results in Chapter 2 of this test report are below limits specified in the relevant standards.</p> <p>General Judgment: <b>Pass</b></p>
<b>Comment</b>	<p>The test result only responds to the measured sample.</p>

Approved by Kai Xu  
Kai Xu  
Director

Revised by Lingling Kang  
Lingling Kang  
RF Manager

Performed by Changxu Wan  
Changxu Wan  
RF Engineer

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 3 of 31

## TABLE OF CONTENT

1. General Information .....	4
1.1. Notes of the test report.....	4
1.2. Testing laboratory.....	5
1.3. Applicant Information.....	5
1.4. Manufacturer Information .....	5
1.5. Information of EUT .....	6
1.6. Test Date .....	6
2. Test Information .....	7
2.1. Summary of test results.....	7
2.2. RF Power Output.....	8
2.3. Effective Isotropic Radiated Power .....	10
2.4. Occupied Bandwidth .....	12
2.5. Band Edge Compliance.....	15
2.6. Peak-to-Average Power Ratio (PAPR) .....	17
2.7. Frequency Stability .....	19
2.8. Spurious Emissions at Antenna Terminals .....	21
2.8 Radiates Spurious Emission .....	25
3. Main Test Instruments.....	29
ANNEX A: EUT Appearance and Test Setup.....	30
A.1 EUT Appearance .....	30
A.2 Test Setup.....	31

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 4 of 31

---

## 1. General Information

### 1.1. Notes of the test report

**TA Technology (Shanghai) Co., Ltd.** has obtained the accreditation of China National Accreditation Service for Conformity Assessment (CNAS), and accreditation number: L2264.

**TA Technology (Shanghai) Co., Ltd.** has been listed on the US Federal Communications Commission list of test facilities recognized to perform electromagnetic emissions measurements. The site recognition number is 428261.

**TA Technology (Shanghai) Co., Ltd.** has been listed by industry Canada to perform electromagnetic emission measurement. The site recognition number is 8510A.

**TA Technology (Shanghai) Co., Ltd.** guarantees the reliability of the data presented in this test report, which is the results of measurements and tests performed for the items under test on the date and under the conditions stated in this test report and is based on the knowledge and technical facilities available at TA Technology (Shanghai) Co., Ltd. at the time of execution of the test.

**TA Technology (Shanghai) Co., Ltd.** is liable to the client for the maintenance by its personnel of the confidentiality of all information related to the items under test and the results of the test. The sample under test was selected by the Client. This report only refers to the item that has undergone the test.

This report standalone does not constitute or imply by its own an approval of the product by the certification Bodies or competent Authorities. This report cannot be used partially or in full for publicity and/or promotional purposes without previous written approval of **TA Technology (Shanghai) Co., Ltd.** and the Accreditation Bodies, if it applies.

If the electrical report is inconsistent with the printed one, it should be subject to the latter.

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 5 of 31

---

### 1.2. Testing laboratory

Company: TA Technology (Shanghai) Co., Ltd.  
Address: No.145, Jintang Rd, Tangzhen Industry Park, Pudong  
City: Shanghai  
Post code: 201201  
Country: P. R. China  
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Website: <http://www.ta-shanghai.com>  
E-mail: [xukai@ta-shanghai.com](mailto:xukai@ta-shanghai.com)

### 1.3. Applicant Information

Company: Positioning Universal Inc  
Address: 4660 La Jolla Village Drive Suite 1100 San Diego CA US

### 1.4. Manufacturer Information

Company: Fujiao Communications  
Address: Shanghai city xuhui district zhongshan west road 2368, 1802 room.  
PR.CHINA

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 6 of 31

### 1.5. Information of EUT

#### General information

MEID:	A100003230B9D6		
Hardware Version:	P1		
Software Version:	1.1.67T		
Antenna Type:	Internal Antenna		
Device Operating Configurations:			
Test Mode(s):	CDMA PCS:		
Support mode:	1x RTT		
Test Modulation:	QPSK		
Maximum E.I.R.P.	22.36 dBm		
Rated Power Supply Voltage:	12V		
Extreme Voltage:	Minimum: 6V    Maximum: 40V		
Extreme Temperature:	Lowest: -40°C    Highest: +80°C		
Test Channel: (Low - Middle - High)	25 - 600 - 1175                      (CDMA PCS)                      (tested)		
Operating Frequency Range(s)	Band	Tx (MHz)	Rx (MHz)
	CDMA PCS	1851.25 ~ 1908.75	1931.25 ~ 1988.75

### 1.6. Test Date

The test is performed from March 21, 2016 to April 11, 2016.

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 7 of 31

## 2. Test Information

### 2.1. Summary of test results

Number	Test Case	Clause in FCC rules	Verdict
1	RF power output	2.1046	PASS
2	Effective Isotropic Radiated power	24.232	PASS
3	Occupied Bandwidth	2.1049	PASS
4	Band Edge Compliance	24.238	PASS
5	Peak-to-Average Power Ratio	KDB 971168 D01(5.7)	PASS
6	Frequency Stability	2.1055 / 24.235	PASS
7	Spurious Emissions at Antenna Terminals	2.1051 / 24.238	PASS
8	Radiates Spurious Emission	2.1053 / 24.238	PASS

PASS: The EUT complies with the essential requirements in the standard.

FAIL: The EUT does not comply with the essential requirements in the standard.

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 8 of 31

### 2.2. RF Power Output

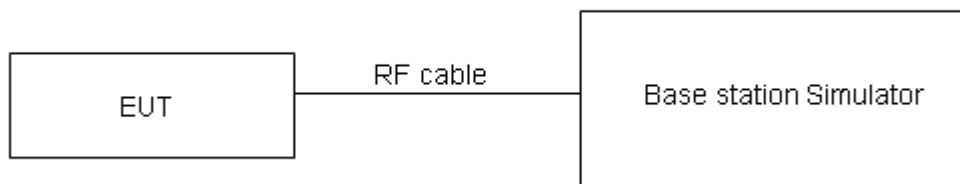
#### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

#### Methods of Measurement

During the process of the testing, The EUT is controlled by the Base Station Simulator to ensure max power transmission and proper modulation.

#### Test Setup



The loss between RF output port of the EUT and the input port of the tester has been taken into consideration.

#### Limits

No specific RF power output requirements in part 2.1046.

#### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.4$  dB.



**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 9 of 31

**Test Results**

<b>CDMA PCS</b>		<b>Conducted Power(dBm)</b>		
		Channel 25	Channel 600	Channel 1175
		1851.25 (MHz)	1880 (MHz)	1908.75 (MHz)
SO32	+F-SCH	<b>23.18</b>	<b>23.12</b>	<b>22.62</b>
	+SCH	22.96	22.74	22.64

Note:

- 1) The maximum RF Output Power numbers are marks in bold.
- 2) The following testing is set to +F-SCH based on the maximum RF Output Power.

### 2.3. Effective Isotropic Radiated Power

#### Ambient condition

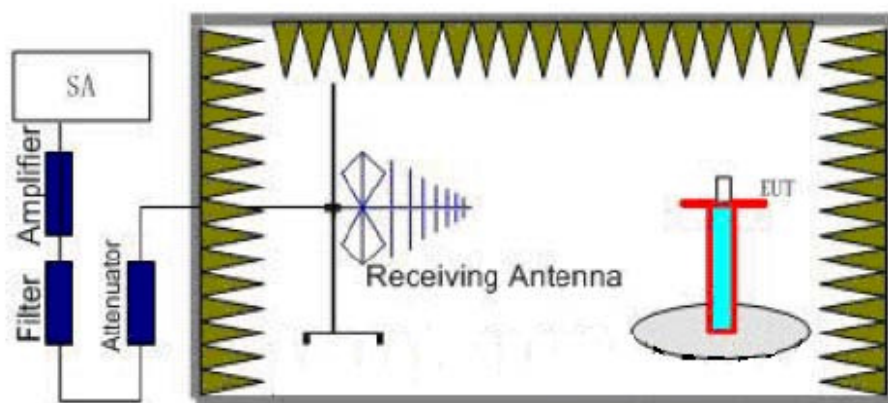
Temperature	Relative humidity
21°C ~25°C	40%~60%

#### Methods of Measurement

The measurement procedures in TIA- 603D are used.

1. The EUT was placed on a turntable with 1.5 meter height in a fully anechoic chamber.
2. The EUT was set at 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. GSM operating modes: Set RBW= 1MHz, VBW= 3MHz, RMS detector over burst;  
UMTS operating modes: Set RBW= 100 KHz, VBW= 300 KHz, RMS detector over frame, and use channel power option with bandwidth=5MHz, per section 4.0 of KDB 971168 D01.
4. The table was rotated 360 degrees to determine the position of the highest radiated power.
5. The height of the receiving antenna is adjusted to look for the maximum ERP/EIRP.
6. Taking the record of maximum ERP/EIRP.
7. A dipole antenna was substituted in place of the EUT and was driven by a signal generator.
8. The conducted power at the terminal of the dipole antenna is measured.
9. Repeat step 3 to step 5 to get the maximum ERP/EIRP of the substitution antenna.
10.  $ERP/EIRP = P_s + E_t - E_s + G_s = P_s + R_t - R_s + G_s$   
 $P_s$  (dBm) : Input power to substitution antenna.  
 $G_s$  (dBi or dBd) : Substitution antenna Gain.  
 $E_t = R_t + AF$   
 $E_s = R_s + AF$   
 $AF$  (dB/m) : Receive antenna factor  
 $R_t$  : The highest received signal in spectrum analyzer for EUT.  
 $R_s$  : The highest received signal in spectrum analyzer for substitution antenna.

#### Test Setup



# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 11 of 31

### Limits

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

Limit (EIRP)	$\leq 2\text{ W}$ (33 dBm)
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### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 1.19\text{ dB}$

### Test Results:Pass

Mode	Channel	Polarization	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	E.I.R.P. (dBm)
CDMA PCS	25	Vertical	-36.81	-53.71	0	1.92	18.82
	600	Vertical	-37.71	-53.91	0	1.94	18.14
	1175	Vertical	-39.31	-54.55	0	1.92	17.16
	25	Horizontal	-33.35	-53.19	0	1.92	21.76
	600	Horizontal	-33.00	-53.42	0	1.94	22.36
	1175	Horizontal	-34.70	-53.64	0	1.92	20.86

Note: 1. EIRP= E.R.P+2.15

## 2.4. Occupied Bandwidth

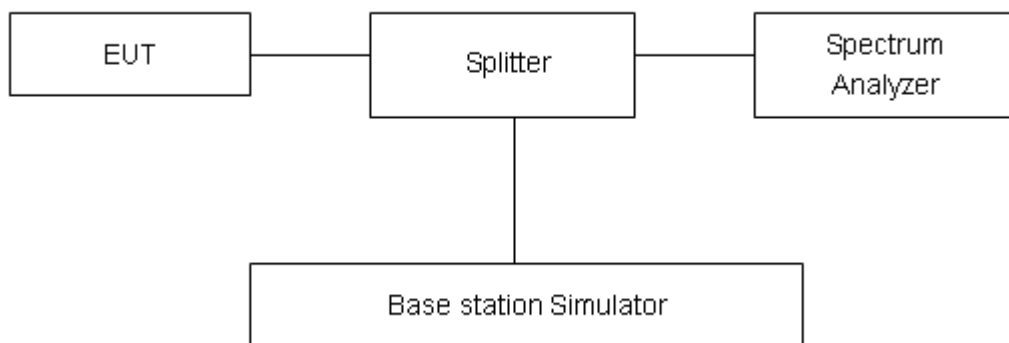
### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

### Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The occupied bandwidth is measured using spectrum analyzer. RBW is set to 15kHz, VBW is set to 51kHz for CDMA PCS. 99% power and -26dBc occupied bandwidths are recorded. Spectrum analyzer plots are included on the following pages.

### Test Setup



### Limits

No specific occupied bandwidth requirements in part 2.1049.

### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 624\text{Hz}$ .

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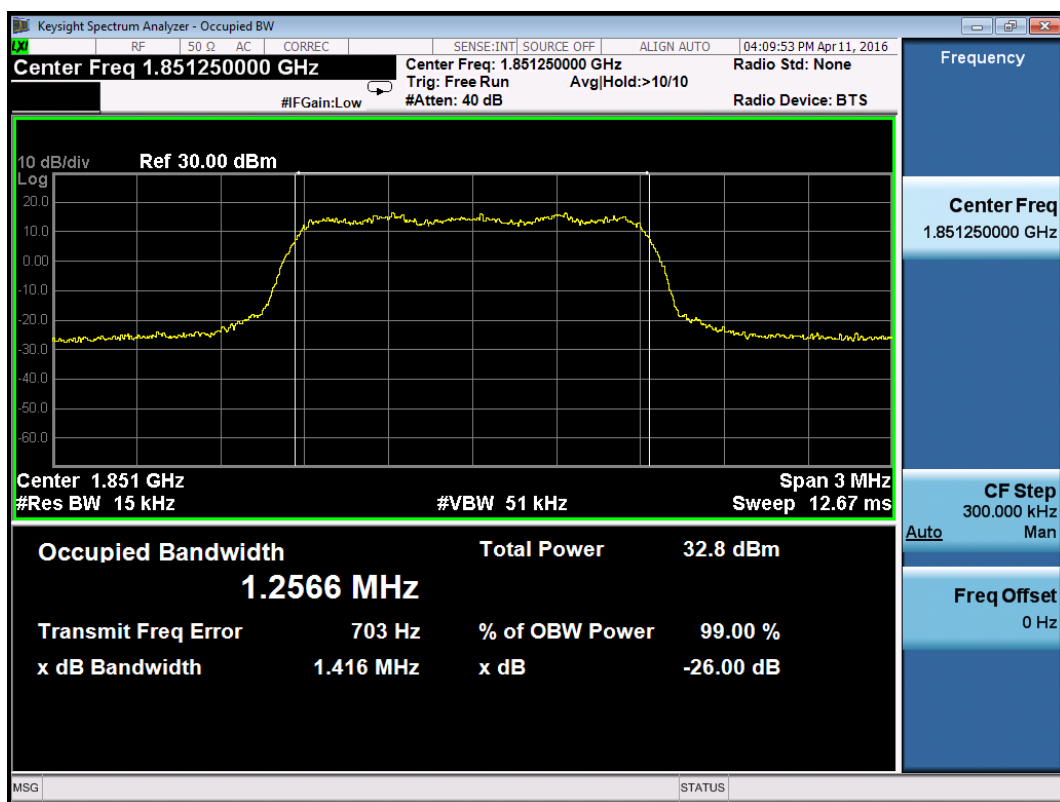
## Test Report

Report No.: RXA1603-0044RF02

Page 13 of 31

### Test Result

CDMA PCS	Channel	Frequency (MHz)	99% Power Bandwidth (MHz)	-26dBc Bandwidth(MHz)
+F-SCH	25	1851.25	1.2566	1.416
	600	1880.0	1.2583	1.415
	1175	1908.75	1.2553	1.417



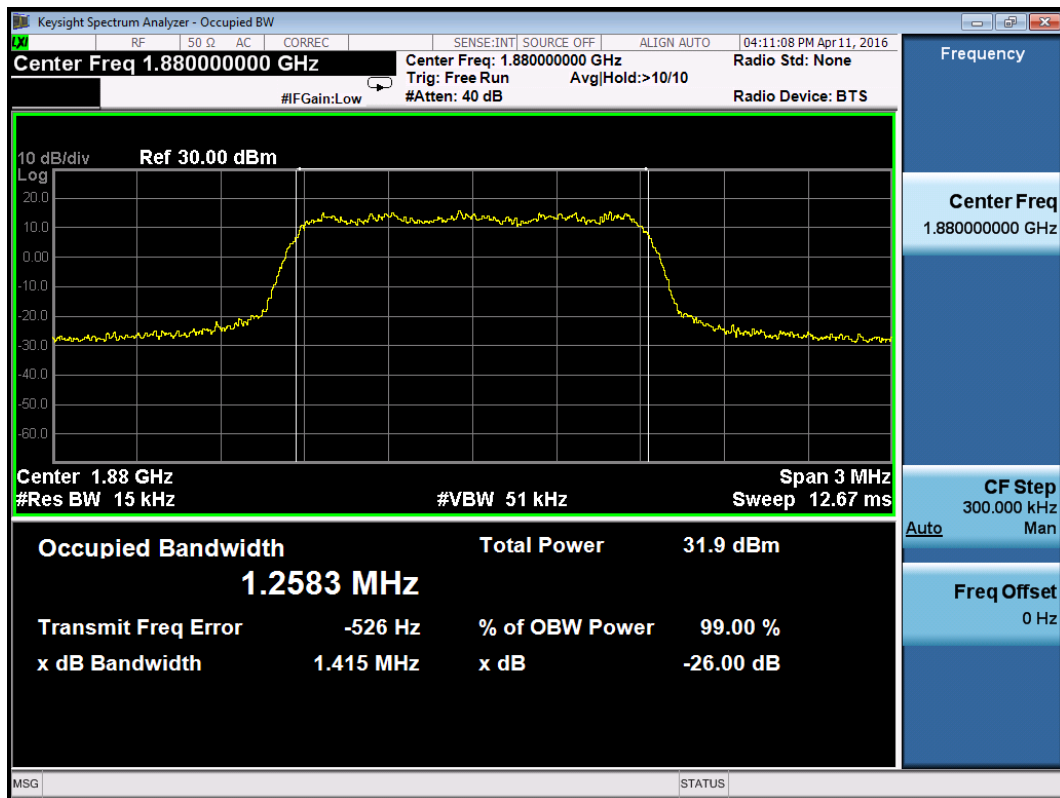
CDMA PCS +F-SCH CH25 Occupied Bandwidth

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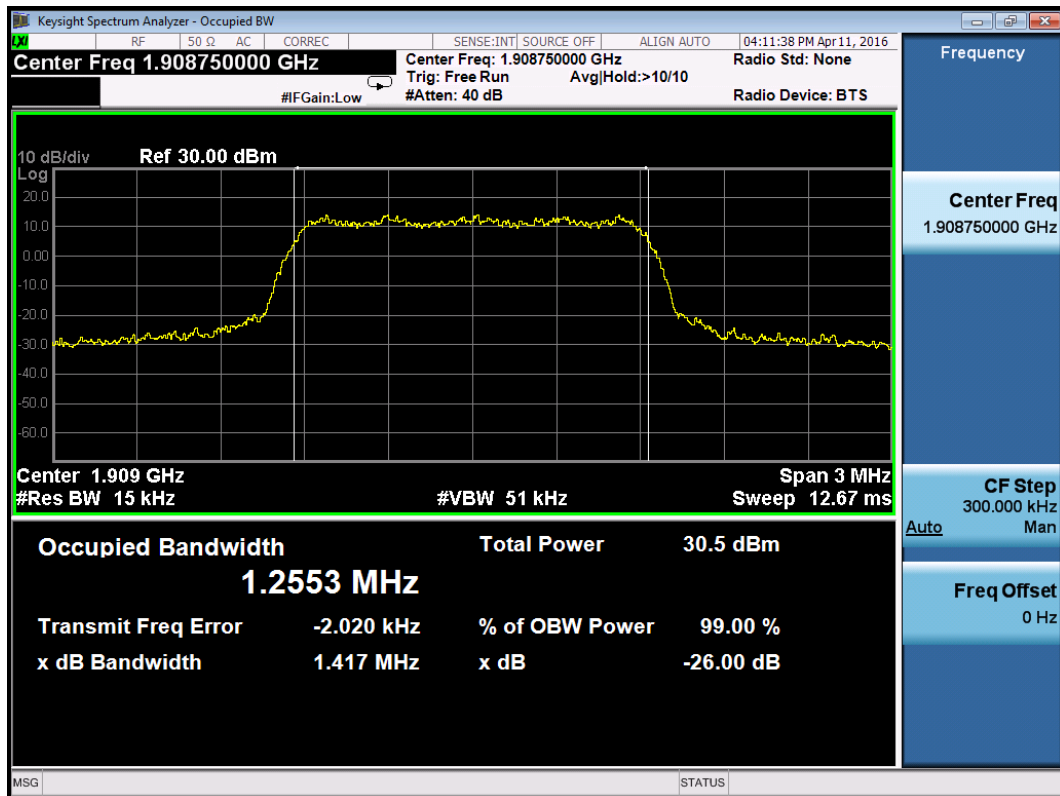
## Test Report

Report No.: RXA1603-0044RF02

Page 14 of 31



CDMA PCS +F-SCH CH600 Occupied Bandwidth



CDMA PCS +F-SCH CH1175 Occupied Bandwidth

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 15 of 31

### 2.5. Band Edge Compliance

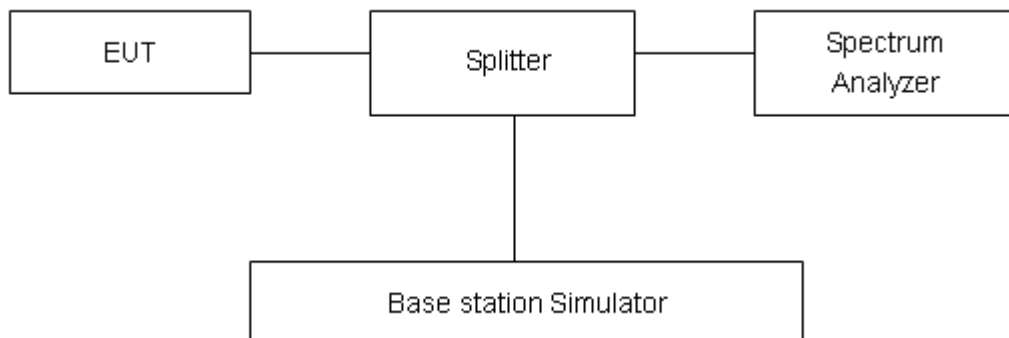
#### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

#### Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The band edge of the lowest and highest channels were measured. The Average detector is used and RBW is set to 15kHz, VBW is set to 51kHz for CDMA PCS. Spectrum analyzer plots are included on the following pages.

#### Test Setup



#### Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee’s frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10} (P)$  dB.”

Limit	-13 dBm
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#### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U=0.684$ dB.

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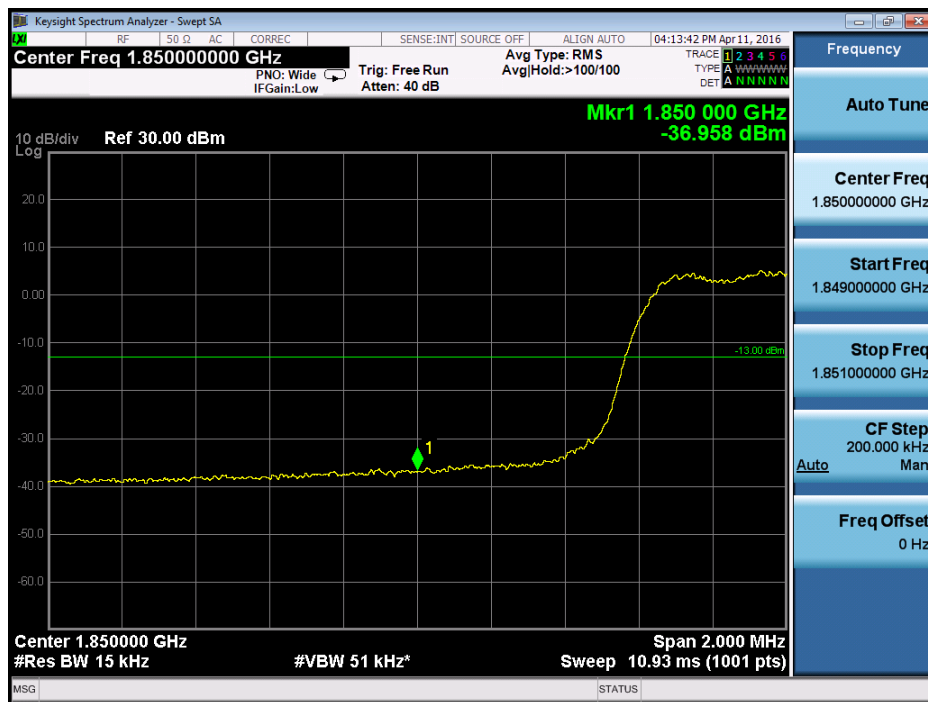
## Test Report

Report No.: RXA1603-0044RF02

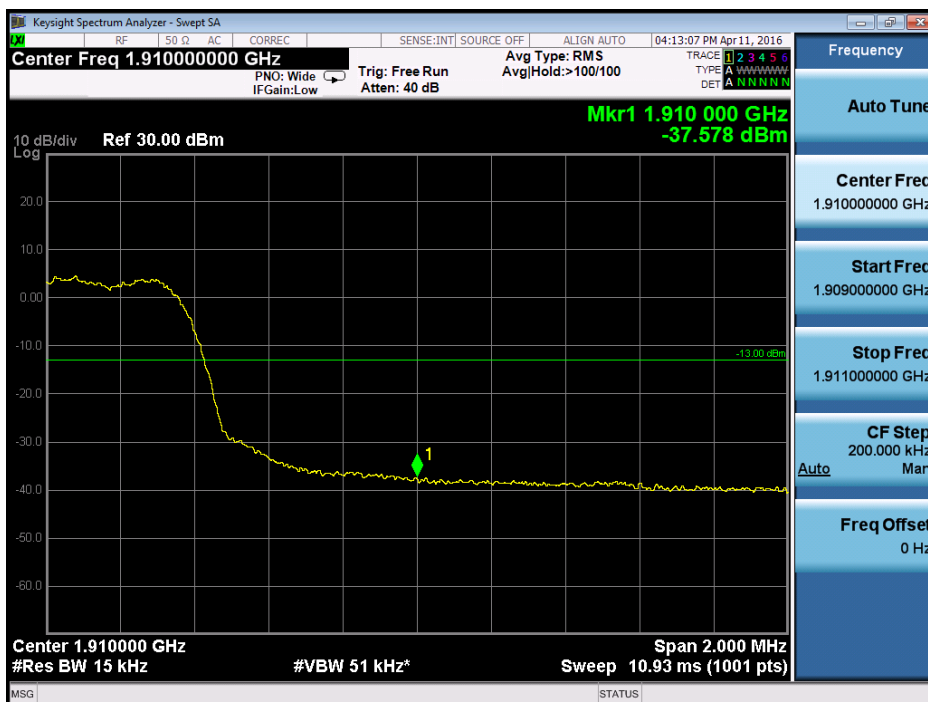
Page 16 of 31

### Test Result:

CDMA PCS	Carrier frequency (MHz)	Reference value (dBm)	Limit	Conclusion
+F-SCH	1850.0	-36.958	-13	PASS
	1910.0	-37.578	-13	PASS



CDMA PCS +F-SCH 25 Channel



CDMA PCS +F-SCH 1175 Channel



## 2.6. Peak-to-Average Power Ratio (PAPR)

### Ambient condition

Temperature	Relative humidity
21°C ~25°C	40%~60%

### Methods of Measurement

The measurement procedures in KDB971168 are used.

The inherent randomness of the power peaks in a noise-like signal makes it difficult to quantify the peak power using traditional measurement techniques for determining the peak power of an analog signal. The peak power of a digitally-modulated signal is predictable only on a statistical basis. Thus, for these types of signals, a statistical measurement of the peak power is necessary.

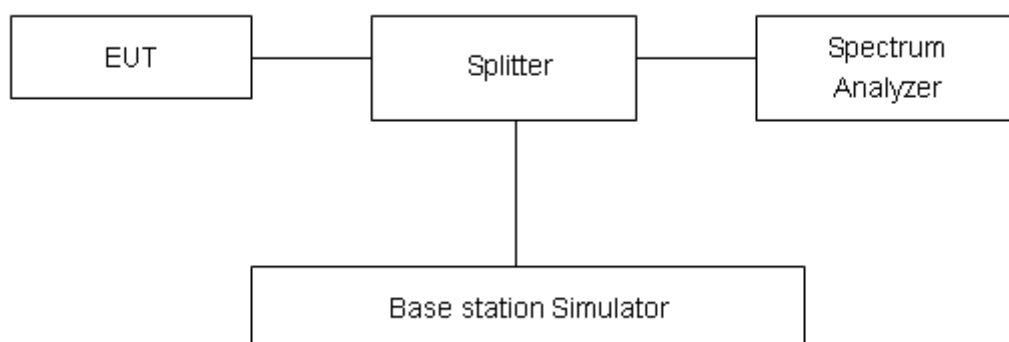
Power Complementary Cumulative Distribution Function (CCDF) curves provide a means for characterizing the power peaks of a digitally modulated signal on a statistical basis. A CCDF curve depicts the probability of the peak signal amplitude exceeding the average power level. Most contemporary measurement instrumentation include the capability to produce CCDF curves for an input signal provided that the instrument's resolution bandwidth can be set wide enough to accommodate the entire input signal bandwidth.

Step 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.

Step 2. Set the CCDF option in Spectrum analyzer.

Step 3. Record the maximum PAPR level associated with a probability of 0.1%.

### Test Setup



### Limits

No specific Peak-to-Average Ratio requirements in KDB 971168.

### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 2$ ,  $U = 0.4$  dB.

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 18 of 31

**Test Result:**

Mode	Channel	Frequency (MHz)	Test Result(dB)
+F-SCH	25	1851.25	3.72
	600	1880.0	3.92
	1175	1908.75	3.86

## 2.7. Frequency Stability

### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

### Method of Measurement

#### 1. Frequency Stability (Temperature Variation)

The temperature inside the climate chamber is varied from -40°C to +80°C in 10°C step size,

(1) With all power removed, the temperature was decreased to -40°C and permitted to stabilize for three hours.

(2) Measure the carrier frequency with the test equipment in a “call mode”. These measurements should be made within 1 minute of powering up the mobile station, to prevent significant self warming.

(3) Repeat the above measurements at 10°C increments from -40°C to +80°C. Allow at least 1.5 hours at each temperature, un-powered, before making measurements.

#### 2. Frequency Stability (Voltage Variation)

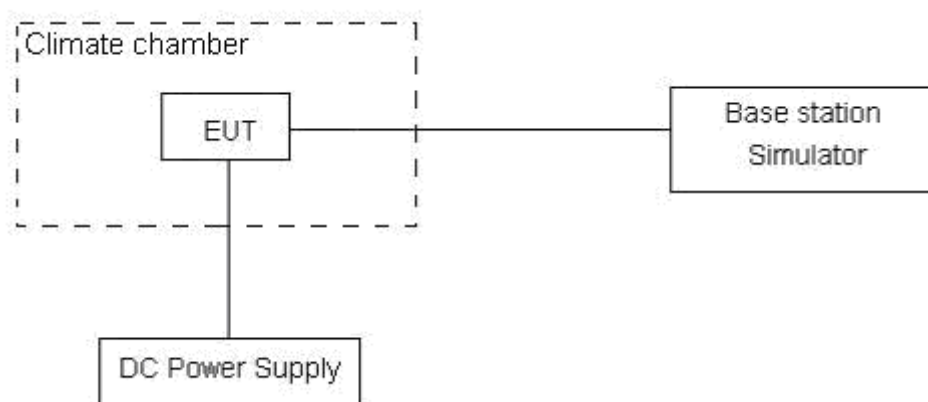
The frequency stability shall be measured with variation of primary supply voltage as follows:

(1) Vary primary supply voltage from 85 to 115 percent of the nominal value for other than hand carried battery equipment.

(2) For hand carried, battery powered equipment, reduce primary supply voltage to the battery-operating end point which shall be specified by the manufacturer.

This transceiver is specified to operate with an input voltage of between 6 V and 40 V, with a nominal voltage of 12V.

### Test setup



**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 20 of 31

**Limits**

No specific frequency stability requirements in part 24.235

**Measurement Uncertainty**

The assessed measurement uncertainty to ensure 99.75% confidence level for the normal distribution is with the coverage factor  $k = 3$ ,  $U = 0.01\text{ppm}$ .

**Test Result**

Temperature (°C)	Test Results (ppm) / 12 V Power supply
	Channel 600
	+F-SCH
-40	-0.005521277
-30	-0.005824468
-20	-0.006159574
-10	-0.006037234
0	-0.00587234
10	-0.006154255
20	-0.006085106
30	-0.005930851
40	-0.006446809
50	-0.006414894
60	-0.006042553
70	-0.006691489
80	-0.006611702

Voltage (V)	Test Results(ppm) / 20°C
	Channel 600
	+F-SCH
6	-0.006670213
12	-0.006085106
40	-0.008765957

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 21 of 31

### 2.8. Spurious Emissions at Antenna Terminals

#### Ambient condition

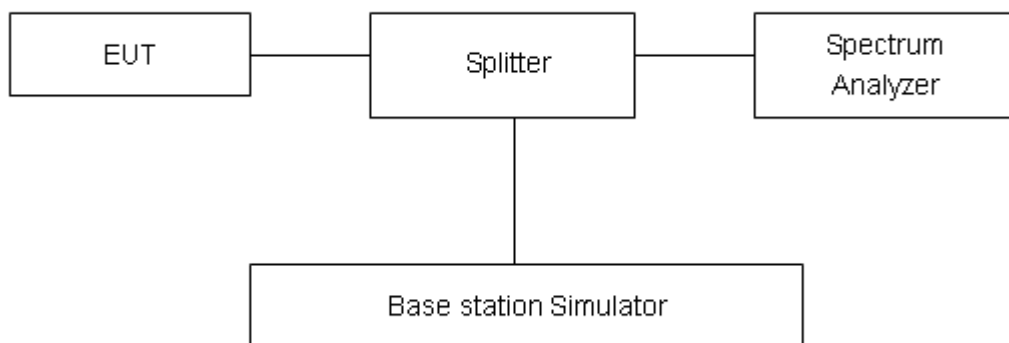
Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

#### Method of Measurement

The EUT was connected to Spectrum Analyzer and Base Station Simulator via power Splitter. The measurement is carried out using a spectrum analyzer. The spectrum analyzer scans from 30MHz to the 10th harmonic of the carrier. For CDMA PCS, RBW and VBW are set to 100 kHz, Sweep is set to ATUO.

Of those disturbances below (limit – 20 dB), the mark is not required for the EUT.

#### Test setup



#### Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10} (P)$  dB.”

Limit	-13 dBm
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#### Measurement Uncertainty

The assessed measurement uncertainty to ensure 99.75% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ .

Frequency	Uncertainty
100kHz-2GHz	0.684 dB
2GHz-18GHz	1.407 dB

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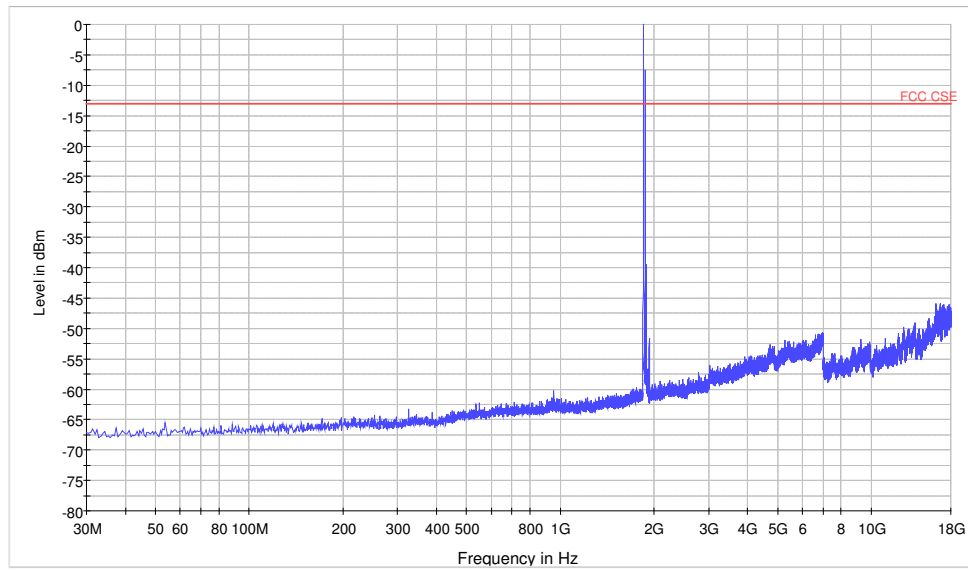
## Test Report

Report No.: RXA1603-0044RF02

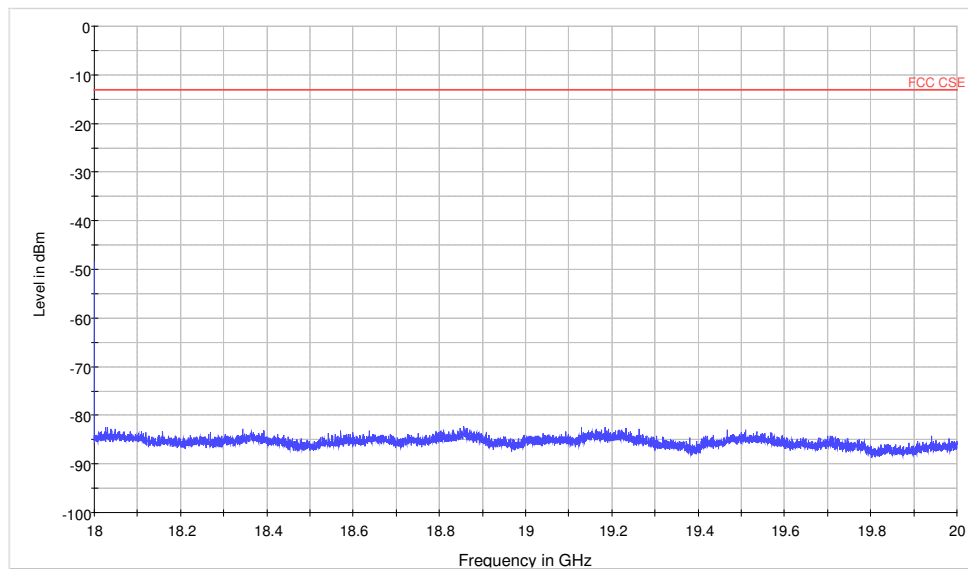
Page 22 of 31

### Test Result

#### CDMA PCS CH25



Note: The signal beyond the limit is carrier.  
CDMA PCS CH25 30MHz~18GHz



CDMA PCS CH25 18GHz ~20GHz

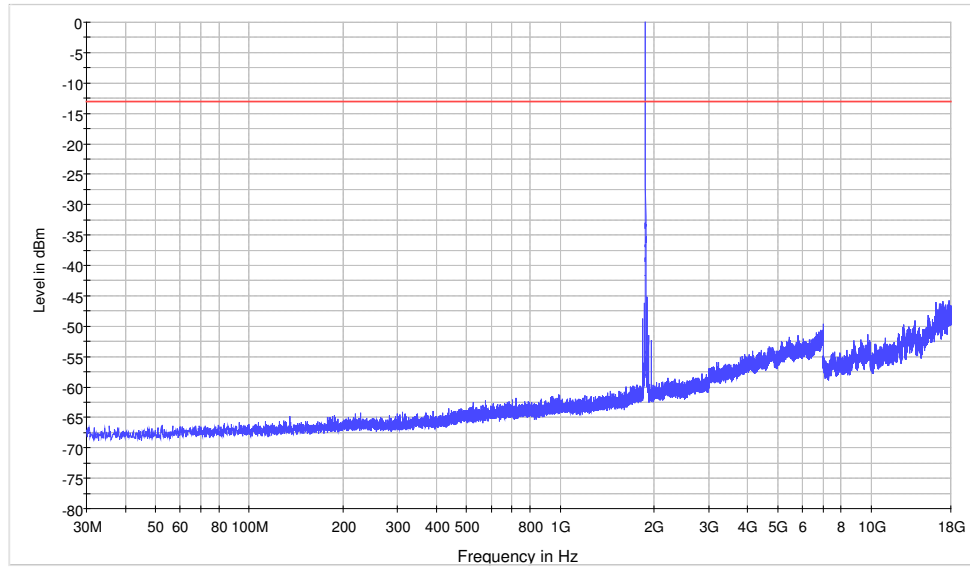
# TA Technology (Shanghai) Co., Ltd.

## Test Report

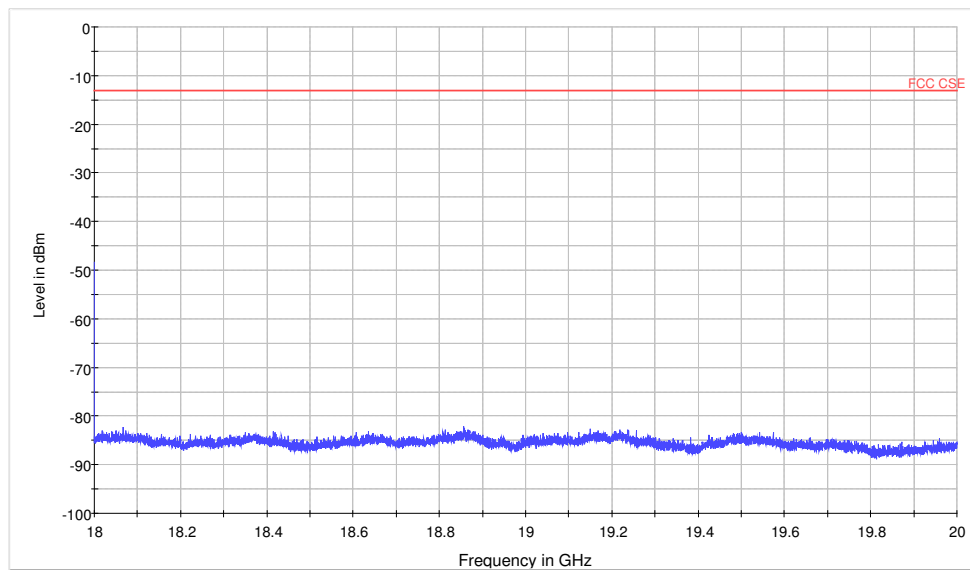
Report No.: RXA1603-0044RF02

Page 23 of 31

### CDMA PCS CH600



Note: The signal beyond the limit is carrier.  
CDMA PCS CH600 30MHz~18GHz



CDMA PCS CH600 18GHz ~20GHz

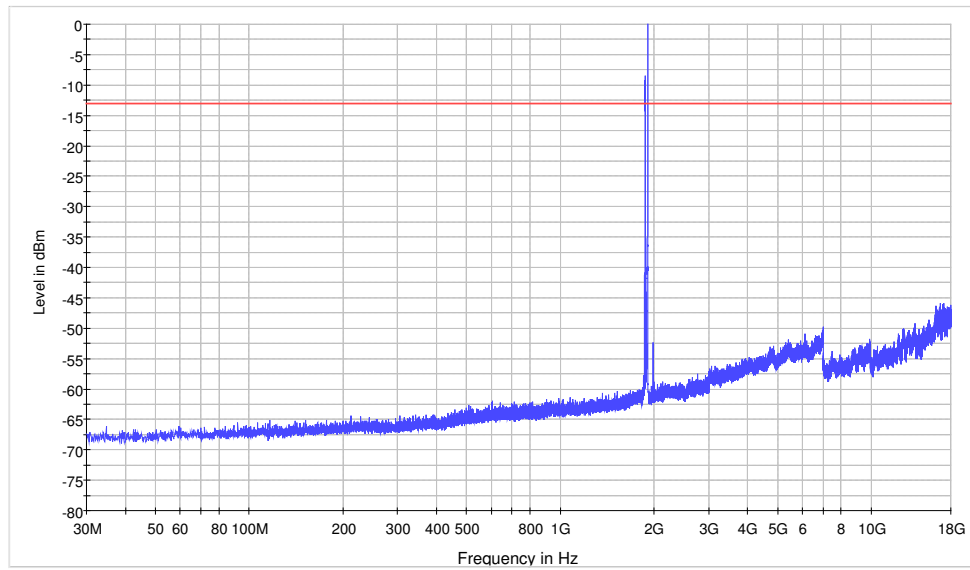
# TA Technology (Shanghai) Co., Ltd.

## Test Report

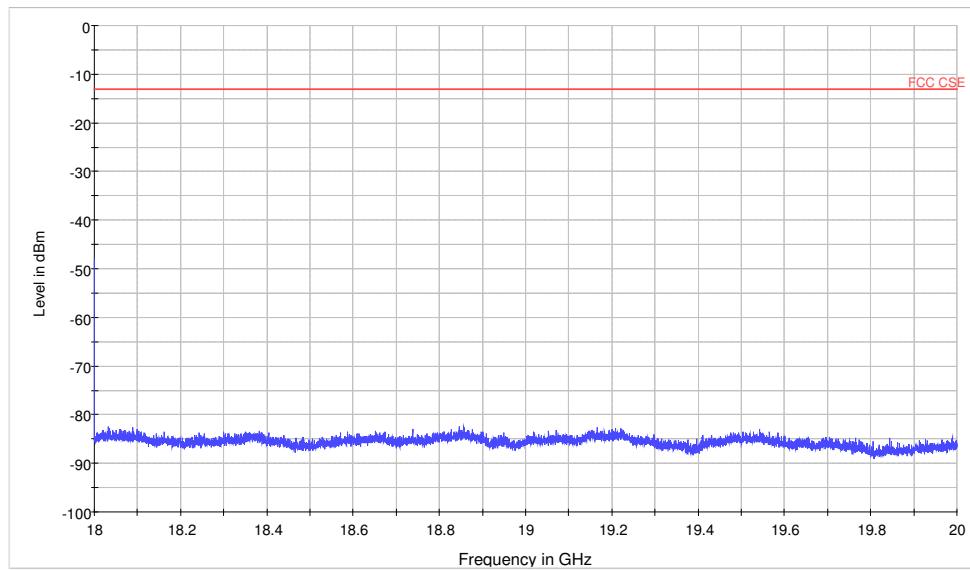
Report No.: RXA1603-0044RF02

Page 24 of 31

### CDMA PCS CH1175



Note: The signal beyond the limit is carrier.  
CDMA PCS CH1175 30MHz~18GHz



CDMA PCS CH1175 18GHz ~20GHz



## 2.8 Radiates Spurious Emission

### Ambient condition

Temperature	Relative humidity	Pressure
23°C ~25°C	45%~50%	101.5kPa

### Method of Measurement

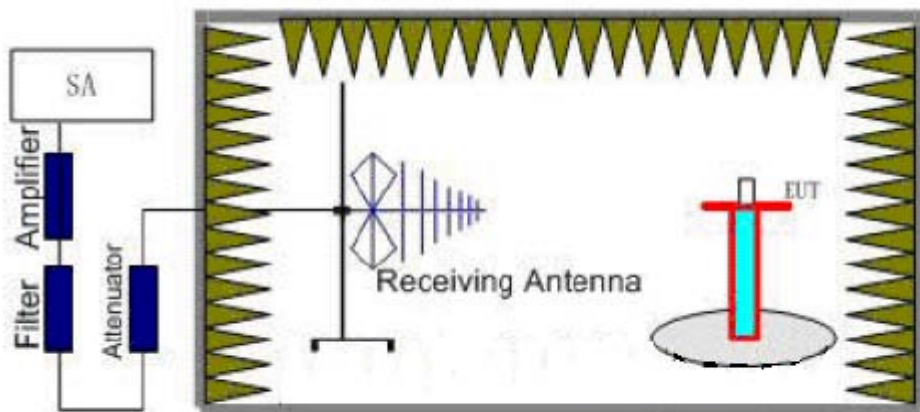
The measurements procedures in TIA -603D are used.

The spectrum was scanned from 30 MHz to the 10th harmonic of the highest frequency generated within the equipment.

The procedure of Radiates Spurious Emission is as follows:

Step 1:

The measurement is carried out in the semi-anechoic chamber. EUT was placed on a 1.5 meters high non-conductive table at a 3 meters test distance from the test receive antenna. A receiving antenna was placed on the antenna mast 3 meters from the EUT. A radio link shall be established between EUT and Tester. The output power of the cell signal of the tester will be decreased until the output power of the EUT reach a maximum value. A peak detector is used while RBW and VBW are both set to 3MHz. During the measurement, the highest emission was recorded from analyzer power level (LVL) from the 360 degrees rotation of the turntable and the test antenna moved up and down over a range from 1 to 4 meters in both horizontally and vertically polarized orientations. The test setup refers to figure below.



Step 2:

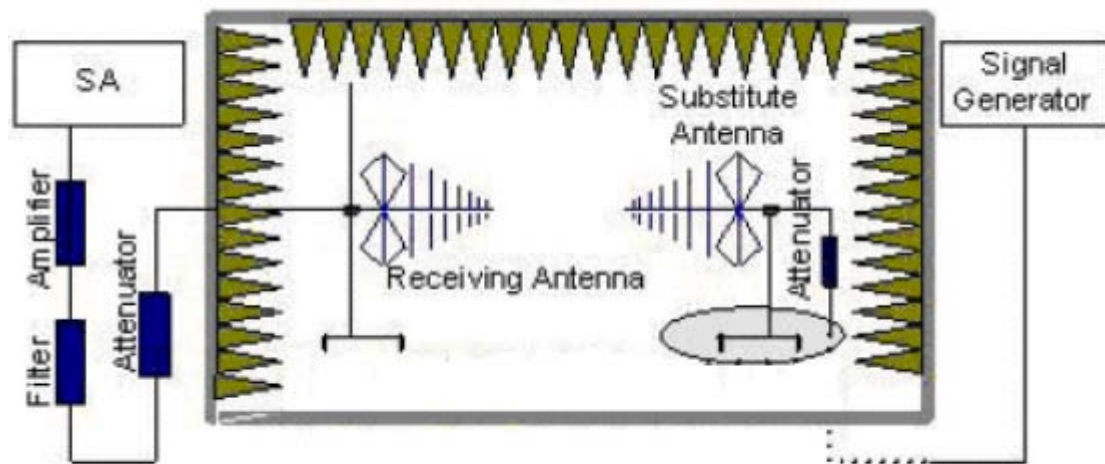
A dipole antenna shall be substituted in place of the EUT. The antenna will be driven by a signal generator with a adjustable S.G. applied through a Tx cable. Adjust the level of the signal generator output until the value of the receiver reach the previously recorded analyzer power level (LVL). Then The E.R.P. /E.I.R.P. of the EUT can be calculated through the level of the signal generator, Tx cable loss and the gain of the substitution antenna. The test setup refers to figure below.

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 26 of 31



$E.R.P \text{ (peak power)} = S.G. - Tx \text{ Cable loss} + \text{Substitution antenna gain} - 2.15.$   
 $EIRP = E.R.P + 2.15$

The field strength of spurious emission was measured in the following position: EUT stand-up position (Z axis), lie-down position (X, Y axis). The worst emission was found in stand-up position (Z axis) and the antenna is vertical.

Of those disturbances below (limit – 20 dB), the mark is not required for the EUT.

### Limits

Rule Part 24.238(a) specifies that “on any frequency outside a licensee's frequency block, the power of any emission shall be attenuated below the transmitter power (P) by at least  $43 + 10 \log_{10} (P)$  dB.”

Limit	-13 dBm
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### Measurement Uncertainty

The assessed measurement uncertainty to ensure 95% confidence level for the normal distribution is with the coverage factor  $k = 1.96$ ,  $U = 3.55$  dB.

# TA Technology (Shanghai) Co., Ltd.

## Test Report

Report No.: RXA1603-0044RF02

Page 27 of 31

### Test Result

CDMA Cellular CH1013

Harmonic	TX ch.1013 Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1649.6	-45.21	2	10.15	Vertical	-46.45	-13	33.45	270
3	2474.1	-66.74	2.51	11.35	Vertical	-60.05	-13	47.05	0
4	3478.5	-64.45	4.2	10.85	Vertical	-46.26	-13	33.26	225
5	4123.5	-62.89	5.2	11.35	Vertical	-58.89	-13	45.89	90
6	4947.4	-63.43	5.5	11.95	Vertical	-50.39	-13	37.39	225
7	5774.6	-61.76	5.7	13.55	Vertical	-42.59	-13	29.59	315
8	6594.8	-61.10	6.3	13.75	Vertical	-46.93	-13	33.93	270
9	7419.4	-61.08	6.8	13.85	Vertical	-48.08	-13	35.08	180
10	8249.6	-61.86	6.9	14.25	Vertical	-39.76	-13	26.76	270

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.We tested the vertical and horizontal polarization in the preliminary test and the vertical polarization are selected as the worst condition,

CDMA Cellular CH384

Harmonic	TX ch.384 Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1672.3	-50.43	2	10.75	Vertical	-39.66	-13	26.66	180
3	2509.56	-62.78	2.51	11.05	Vertical	-56.39	-13	43.39	0
4	3526.2	-64.61	4.2	11.15	Vertical	-46.24	-13	33.24	180
5	4182.6	-62.67	5.2	11.15	Vertical	-58.87	-13	45.87	90
6	5019.12	-61.23	5.5	11.95	Vertical	-56.93	-13	43.93	0
7	5856.8	-62.70	5.7	13.55	Vertical	-42.48	-13	29.48	315
8	6694.1	-61.77	6.3	13.75	Vertical	-48.78	-13	35.78	270
9	7528.68	-60.26	6.8	13.85	Vertical	-55.36	-13	42.36	0
10	8365.9	-61.88	6.9	14.25	Vertical	-49.23	-13	36.23	270

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.We tested the vertical and horizontal polarization in the preliminary test and the vertical polarization are selected as the worst condition,

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 28 of 31

CDMA Cellular CH777

Harmonic	TX ch.777 Frequency (MHz)	SG (dBm)	Cable Loss (dB)	Gain (dBi)	Antenna Polarization	ERP Level (dBm)	Limit (dBm)	Margin (dB)	Azimuth (deg)
2	1697.1	-55.04	2	10.15	Vertical	-40.51	-13	27.51	270
3	2544.93	-56.6	2.51	11.05	Vertical	-50.21	-13	37.21	0
4	3573.0	-64.16	4.2	11.15	Vertical	-45.37	-13	32.37	0
5	4241.55	-61.50	5.2	11.15	Vertical	-57.70	-13	44.70	180
6	5089.86	-62.89	5.5	11.95	Vertical	-58.59	-13	45.59	90
7	5936.3	-63.04	5.7	13.55	Vertical	-45.31	-13	32.31	0
8	6786.48	-60.84	6.3	13.75	Vertical	-55.54	-13	42.54	270
9	7632.8	-60.52	6.8	13.85	Vertical	-47.67	-13	34.67	45
10	8483.3	-62.22	6.9	14.25	Vertical	-49.65	-13	36.65	225

Note: 1.The other Spurious RF Radiated emissions level is no more than noise floor.

2.We tested the vertical and horizontal polarization in the preliminary test and the vertical polarization are selected as the worst condition,

**TA Technology (Shanghai) Co., Ltd.**  
**Test Report**

Report No.: RXA1603-0044RF02

Page 29 of 31

### 3. Main Test Instruments

Name	Type	Manufacturer	Serial Number	Calibration Date	Expiration Time	Valid Period
Base Station Simulator	CMU200	R&S	118133	2015-5-22	2016-5-21	1 year
Power Splitter	SHX-GF2-2-13	Hua Xiang	10120101	NA	NA	NA
Spectrum Analyzer	E4445A	Agilent	MY46181146	2015-5-22	2016-5-21	1 year
Universal Radio Communication Tester	E5515C	Agilent	MY48367192	2015-5-22	2016-5-21	1 year
Signal Analyzer	FSV30	R&S	100815	2015-12-17	2016-12-16	1 year
Signal generator	SMB 100A	R&S	102594	2015-05-22	2016-5-21	1 year
EMI Test Receiver	ESCI	R&S	100948	2015-05-22	2016-5-21	1 year
Trilog Antenna	VUBL 9163	SCHWARZBECK	9163-201	2014-12-06	2017-12-05	3 years
Trilog Antenna	VUBL 9163	SCHWARZBECK	9163-391	2014-12-06	2017-12-05	3 years
Horn Antenna	HF907	R&S	100126	2014-12-06	2017-12-05	3 years
Horn Antenna	HF907	R&S	100125	2014-12-06	2017-12-05	3 years
Climatic Chamber	PT-30B	Re Ce	20101891	2015-7-18	2018-7-17	3 years
Horn Antenna	3160-09	ETS-Lindgren	00102643	2015-1-30	2018-1-29	3 years
Horn Antenna	3160-09	ETS-Lindgren	00102644	2015-1-30	2018-1-29	3 years
RF Cable	SMA 15cm	Agilent	0001	2016-03-09	2016-05-08	2 months

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

## **ANNEX A: EUT Appearance and Test Setup**

### **A.1 EUT Appearance**



**Picture 1 EUT and Auxiliary**

## **A.2 Test Setup**



**Picture 2: Radiated Spurious Emissions Test setup**