



FCC RF Test Report

APPLICANT : ZTE CORPORATION
EQUIPMENT : LTE AND CDMA mobile hotspot
BRAND NAME : ZTE
MODEL NAME : EuFi891
FCC ID : Q78-EUFI891
STANDARD : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)
CLASSIFICATION : PCS Licensed Transmitter (PCB)

The product was received on Jun. 19, 2012 and completely tested on Nov. 23, 2012. We, SPORTON INTERNATIONAL (KUNSHAN) INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI / TIA / EIA-603-C-2004 and shown compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL (KUNSHAN) INC., the test report shall not be reproduced except in full.

Reviewed by:

Jones Tsai / Manager



SPORTON INTERNATIONAL (KUNSHAN) INC.
No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C.



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SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result	Remark
3.1	§2.1046	N/A	Conducted Output Power	N/A	PASS	-
3.2	§24.232(d) §27.50(d)(5)	N/A	Peak-to-Average Ratio	< 13 dB	PASS	-
3.3	§22.913(a)(2)	RSS-132(4.4) SRSP-503(5.1.3)	Effective Radiated Power	< 7 Watts	PASS	-
3.3	§24.232(c)	RSS-133 (6.4) SRSP-510(5.1.2)	Equivalent Isotropic Radiated Power	< 2 Watts	PASS	-
3.3	§27.50(d)(4)	RSS-139 (6.4) SRSP-513(5.1.2)	Equivalent Isotropic Radiated Power	< 1 Watts	PASS	-
3.4	§2.1049 §22.917(a) §24.238(a) §27.53(g)	N/A	Occupied Bandwidth	N/A	PASS	-
3.5	§2.1051 §22.917(a) §24.238(a) §27.53(g)	RSS-132 (4.5.1) RSS-133 (6.5.1) RSS-139 (6.5)	Band Edge Measurement	< 43+10log10(P[Watts])	PASS	-
3.6	§2.1051 §22.917(a) §24.238(a) §27.53(g)	RSS-132 (4.5.1) RSS-133 (6.5.1) RSS-139 (6.5)	Conducted Emission	< 43+10log10(P[Watts])	PASS	-
3.7	§2.1053 §22.917(a) §24.238(a) §27.53(g)	RSS-132 (4.5.1) RSS-133 (6.5.1) RSS-139 (6.5)	Field Strength of Spurious Radiation	< 43+10log10(P[Watts])	PASS	Under limit 28.91 dB at 1672.000 MHz
3.8	§2.1055 §22.355 §24.235 §27.54	RSS-132 (4.3) RSS-133 (6.3) RSS-139 (6.3)	Frequency Stability for Temperature & Voltage	< 2.5 ppm	PASS	-



1 General Description

1.1 Applicant

ZTE CORPORATION

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China

1.2 Manufacturer

ZTE CORPORATION

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China

1.3 Feature of Equipment Under Test

Product Feature	
Equipment	LTE AND CDMA mobile hotspot
Brand Name	ZTE
Model Name	EuFi891
FCC ID	Q78-EUFI891
EUT supports Radios application	CDMA / EV-DO / LTE / WLAN 11bgn
HW Version	xh7C_V1.0
SW Version	USCC_EuFi891V1.0.0B02
Test Sample	Sample 1: SN 001 Sample 2: SN 002 Sample number is lab. internal controlled.
EUT Stage	Identical Prototype

Remark:

1. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
2. The 2nd sample is electrically identical with sample 1 for all U.S. operating bands, and devices are tested and found compliance with FCC standard.

Product Specification subjective to this standard	
Tx Frequency	CDMA2000 BC0: 824.70 MHz ~ 848.31 MHz CDMA2000 BC1: 1851.25 MHz ~ 1908.75 MHz CDMA2000 BC15 : 1711.25 ~ 1753.75 MHz
Rx Frequency	CDMA2000 BC0: 869.70 MHz ~ 893.31 MHz CDMA2000 BC1: 1931.25 MHz ~ 1988.75 MHz CDMA2000 BC15 : 2111.25 ~ 2153.75 MHz
Maximum Output Power to Antenna	CDMA2000 BC0 : 23.88 dBm CDMA2000 BC1 : 23.90 dBm CDMA2000 BC15 : 24.10 dBm
Antenna Type	IFA Antenna
Type of Modulation	QPSK

1.4 Maximum ERP/EIRP Power, Frequency Tolerance, and Emission Designator

FCC Rule	System	Type of Modulation	Maximum ERP/EIRP (W)	Frequency Tolerance (% , Hz, ppm)	Emission Designator
Part 22H	CDMA2000 BC0 1xRTT	QPSK	0.0912	0.02 ppm	1M28F9W
Part 24E	CDMA2000 BC1 1xRTT	QPSK	0.2812	0.01 ppm	1M28F9W
Part 27L	CDMA2000 BC15 1xRTT	QPSK	0.4519	0.01 ppm	1M28F9W

1.5 Testing Site

Test Site	SPORTON INTERNATIONAL (KUNSHAN) INC.		
Test Site Location	No. 3-2, PingXiang Road, Kunshan, Jiangsu Province, P.R.C. TEL: +86-0512-5790-0158 FAX: +86-0512-5790-0958		
Test Site No.	Sporton Site No.		FCC/IC Registration No.
	TH01-KS	03CH01-KS	149928/4086E-1

1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

- ♦ Preliminary Guidance for Receiving Applications for Certification of 3G Device. May 9, 2006.
- ♦ 47 CFR Part 2, 22(H), 24(E), 27(L)
- ♦ ANSI / TIA / EIA-603-C-2004
- ♦ FCC KDB 971168 D01 Power Meas. License Digital Systems v01
- ♦ IC RSS-132 Issue 2
- ♦ IC RSS-133 Issue 5
- ♦ IC RSS-139 Issue 2

Remark:

1. All test items were verified and recorded according to the standards and without any deviation during the test.
2. This EUT has also been tested and complied with the requirements of FCC Part 15, Subpart B, recorded in a separate test report.



1.7 Ancillary Equipment List

Item	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Cord
1.	System Simulator	R&S	CMU200	N/A	N/A	Unshielded, 1.8 m
2.	DC Power Supply	GWINSTEK	GPS-3030D	N/A	N/A	Unshielded, 1.8 m

2 Test Configuration of Equipment Under Test

2.1 Test Mode

During all testing, EUT is in link mode with base station emulator at maximum power level. The spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission.

Frequency range investigated for radiated emission is as follows:

1. 30 MHz to 9000 MHz for CDMA2000 BC0.
2. 30 MHz to 19000 MHz for CDMA2000 BC1.
3. 30 MHz to 18000 MHz for CDMA2000 BC15.

Test Modes		
Band	Radiated TCs	Conducted TCs
CDMA2000 BC0	■ 1xRTT Link Mode	■ 1xRTT Link Mode
CDMA2000 BC1	■ 1xRTT Link Mode	■ 1xRTT Link Mode
CDMA2000 BC15	■ 1xRTT Link Mode	■ 1xRTT Link Mode

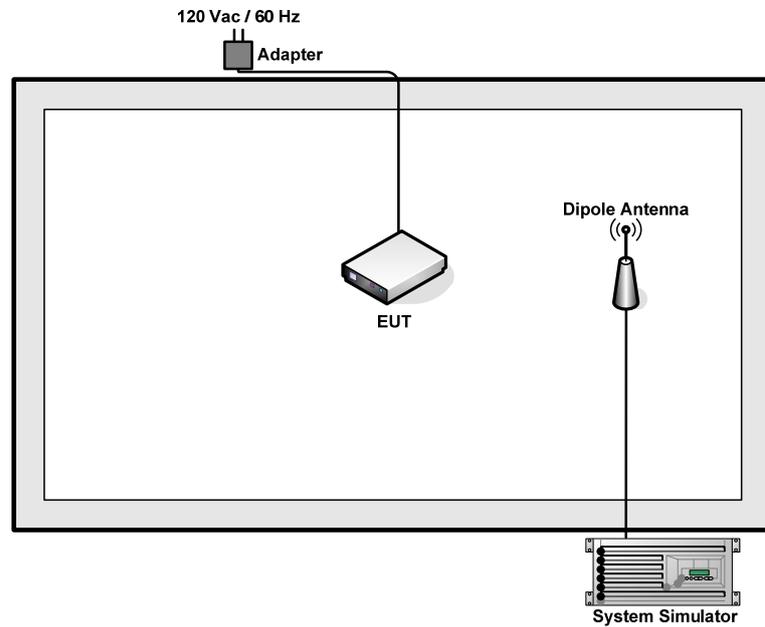
Note:

1. The maximum RF output power level is 1xRTT RC1+SO55 mode for CDMA2000 BC0, CDMA2000 BC1, and CDMA2000 BC15 on QPSK link; only this mode was used for all tests.
2. Because there are individual antennas for each CDMA2000 and WLAN the co-location test modes are not required.

The conducted power tables are as follows:

Conducted Power (*Unit: dBm)									
Band	CDMA2000 BC0			CDMA2000 BC1			CDMA2000 BC15		
Channel	1013	384	777	25	600	1175	25	425	875
Frequency	824.7	836.52	848.31	1851.25	1880	1908.75	1711.25	1731.25	1753.75
1xRTT RC1 SO55	23.65	23.78	23.88	23.90	23.88	23.62	24.10	23.81	23.67
1xRTT RC3 SO55	23.55	23.64	23.73	23.81	23.72	23.54	23.92	23.71	23.54
1xRTT RC3 SO32(+ F-SCH)	23.54	23.63	23.72	23.83	23.73	23.55	23.62	23.70	23.56
1xRTT RC3 SO32(+SCH)	23.53	23.61	23.70	23.82	23.73	23.54	23.56	23.71	23.57
1xEV-DO RTAP 153.6K	23.66	23.73	23.86	23.85	23.75	23.54	24.09	23.96	23.68
1xEV-DO RETAP 4096K	23.64	23.62	23.85	23.89	23.89	23.77	24.03	23.90	23.78

2.2 Connection Diagram of Test System



3 Test Result

3.1 Conducted Output Power Measurement

3.1.1 Description of the Conducted Output Power Measurement

A base station simulator was used to establish communication with the EUT. Its parameters were set to transmit the maximum power on the EUT. The measured power in the radio frequency on the transmitter output terminals shall be reported.

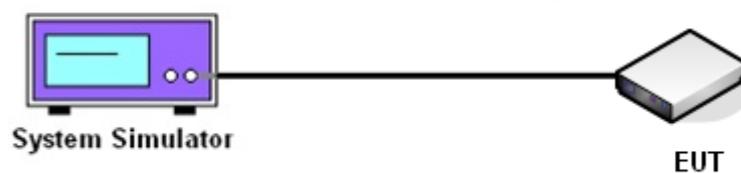
3.1.2 Measuring Instruments

See list of measuring instruments of this test report.

3.1.3 Test Procedures

1. The transmitter output port was connected to base station.
2. Set EUT at maximum power through base station.
3. Select lowest, middle, and highest channels for each band and different modulation.
4. Compare each band and different modulation combination to show the worst data rate.

3.1.4 Test Setup



3.1.5 Test Result of Conducted Output Power

CDMA2000 BC0			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	1013 (Low)	384 (Mid)	777 (High)
Frequency (MHz)	824.70	836.52	848.31
Conducted Power (dBm)	23.65	23.78	23.88
Conducted Power (Watts)	0.23	0.24	0.24

CDMA2000 BC1			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	600 (Mid)	1175 (High)
Frequency (MHz)	1851.25	1880.00	1908.75
Conducted Power (dBm)	23.90	23.88	23.62
Conducted Power (Watts)	0.25	0.24	0.23

CDMA2000 BC15			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	425 (Mid)	875 (High)
Frequency (MHz)	1711.25	1731.25	1753.75
Conducted Power (dBm)	24.10	23.81	23.67
Conducted Power (Watts)	0.26	0.24	0.23

Note: maximum average power for CDMA2000.

3.2 Peak-to-Average Ratio

3.2.1 Description of the PAR Measurement

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. The following guidelines are offered for performing a CCDF measurement.

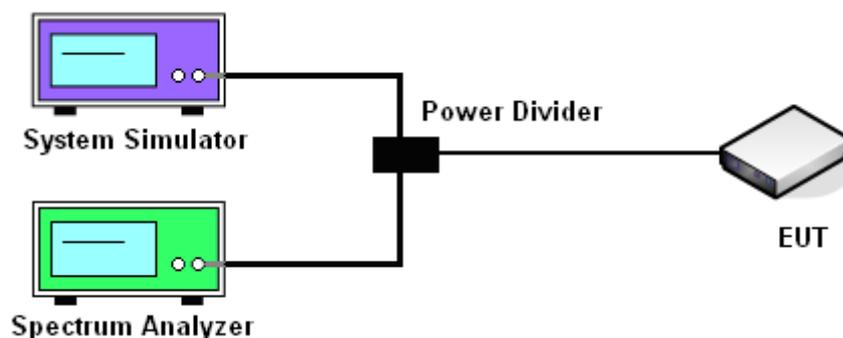
3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 Test Procedures

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The CCDF (Complementary Cumulative Distribution Function) of the middle channel for the highest RF powers were measured.

3.2.4 Test Setup



3.2.5 Test Result of Peak-to-Average Ratio

CDMA2000 BC0			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	1013 (Low)	384 (Mid)	777 (High)
Frequency (MHz)	824.70	836.52	848.31
Peak-to-Average Ratio (dB)	3.60	4.12	3.84

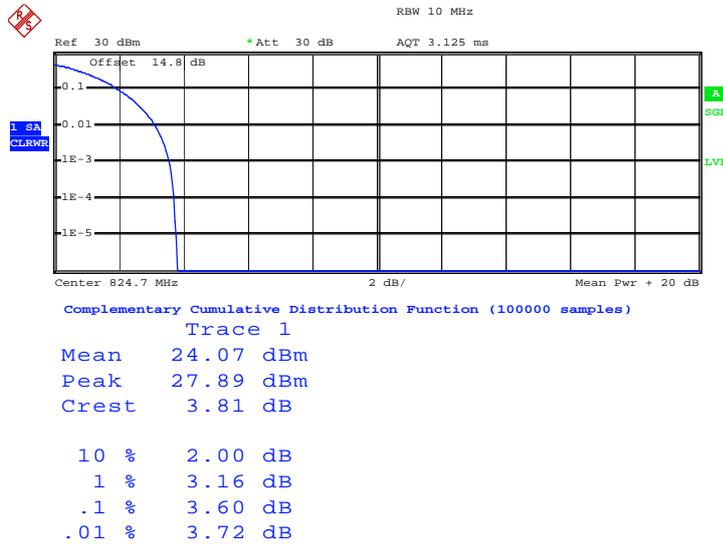
CDMA2000 BC1			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	600 (Mid)	1175 (High)
Frequency (MHz)	1851.25	1880.00	1908.75
Peak-to-Average Ratio (dB)	3.36	3.60	3.60

CDMA2000 BC15			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	425 (Mid)	875 (High)
Frequency (MHz)	1711.25	1731.25	1753.75
Peak-to-Average Ratio (dB)	3.32	3.36	3.04

3.2.6 Test Result (Plots) of Peak-to-Average Ratio

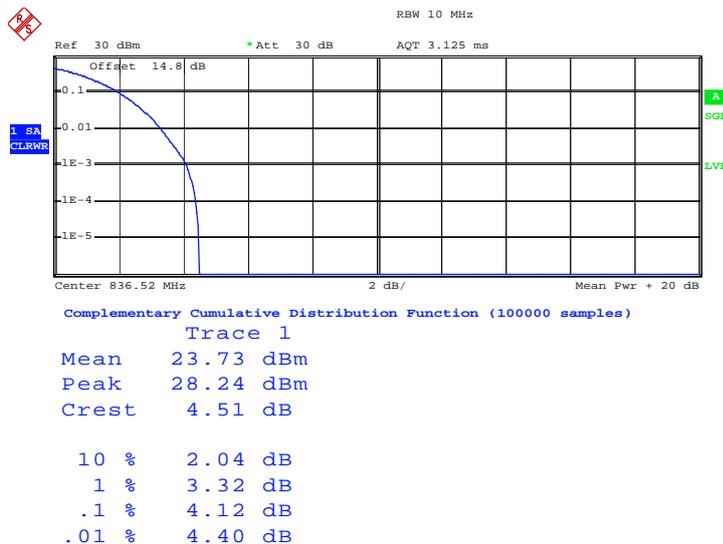
Band :	CDMA2000 BC0	Test Mode :	1xRTT Link
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Peak-to-Average Ratio on Channel 1013 (824.7 MHz)



Date: 26.JUN.2012 21:36:56

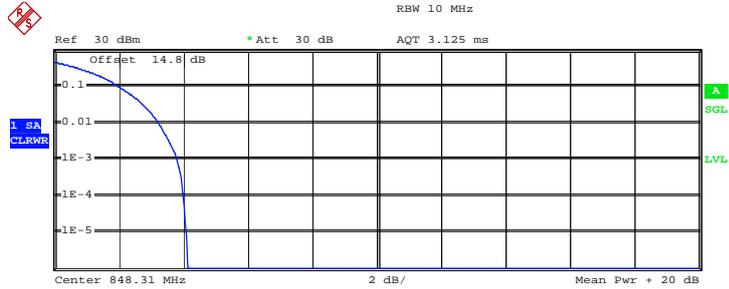
Peak-to-Average Ratio on Channel 384 (836.52 MHz)



Date: 26.JUN.2012 21:35:53



Peak-to-Average Ratio on Channel 777 (848.31 MHz)



Complementary Cumulative Distribution Function (100000 samples)

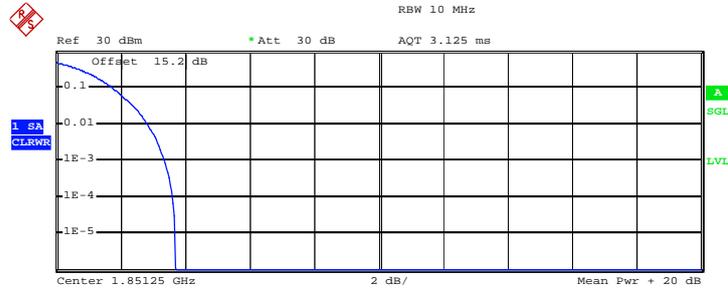
Trace 1	
Mean	23.75 dBm
Peak	27.89 dBm
Crest	4.14 dB
10 %	2.04 dB
1 %	3.24 dB
.1 %	3.84 dB
.01 %	4.00 dB

Date: 26.JUN.2012 21:36:28



Band :	CDMA2000 BC1	Test Mode :	1xRTT Link
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Peak-to-Average Ratio on Channel 25 (1851.25 MHz)



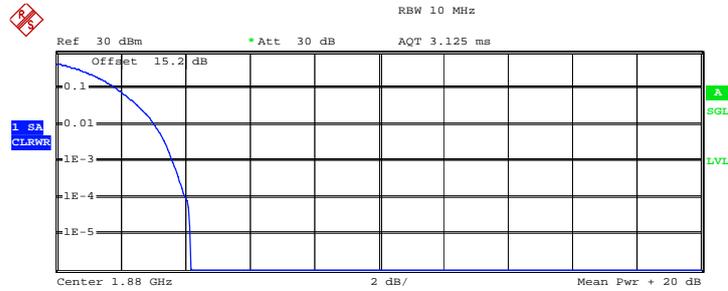
Complementary Cumulative Distribution Function (100000 samples)

Trace 1
Mean 23.69 dBm
Peak 27.39 dBm
Crest 3.70 dB

10 %	1.76 dB
1 %	2.84 dB
.1 %	3.36 dB
.01 %	3.64 dB

Date: 26.JUN.2012 22:38:30

Peak-to-Average Ratio on Channel 600 (1880 MHz)



Complementary Cumulative Distribution Function (100000 samples)

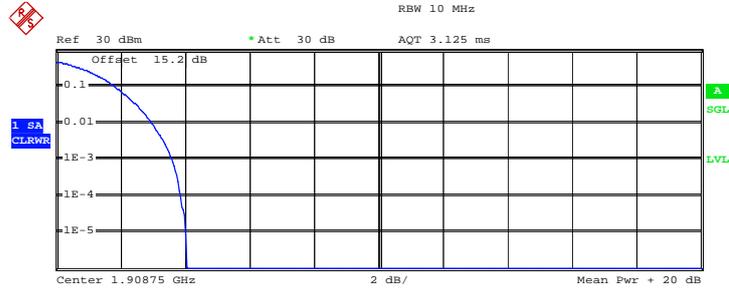
Trace 1
Mean 23.86 dBm
Peak 28.03 dBm
Crest 4.17 dB

10 %	1.88 dB
1 %	3.08 dB
.1 %	3.60 dB
.01 %	4.04 dB

Date: 26.JUN.2012 22:38:56



Peak-to-Average Ratio on Channel 1175 (1908.75 MHz)



Complementary Cumulative Distribution Function (100000 samples)

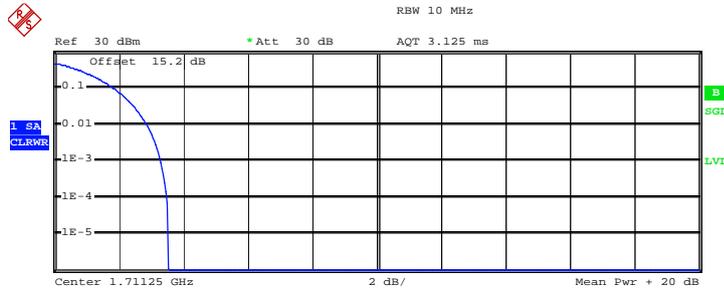
Trace 1	
Mean	23.34 dBm
Peak	27.39 dBm
Crest	4.05 dB
10 %	1.84 dB
1 %	3.00 dB
.1 %	3.60 dB
.01 %	3.88 dB

Date: 26.JUN.2012 22:39:36



Band :	CDMA2000 BC15	Test Mode :	1xRTT Link
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Peak-to-Average Ratio on Channel 25 (1711.25 MHz)



Complementary Cumulative Distribution Function (100000 samples)

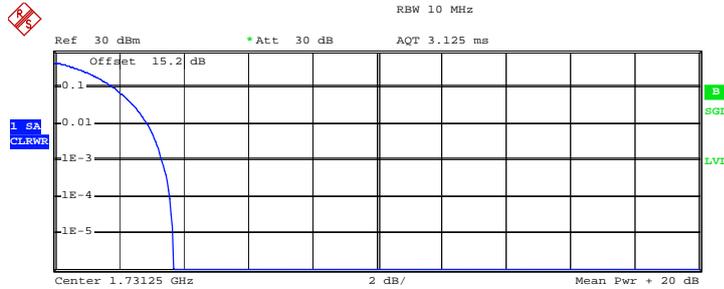
Trace 1

Mean 23.98 dBm
 Peak 27.53 dBm
 Crest 3.55 dB

10 % 1.88 dB
 1 % 2.88 dB
 .1 % 3.32 dB
 .01 % 3.52 dB

Date: 26.JUN.2012 23:12:24

Peak-to-Average Ratio on Channel 425 (1731.25 MHz)



Complementary Cumulative Distribution Function (100000 samples)

Trace 1

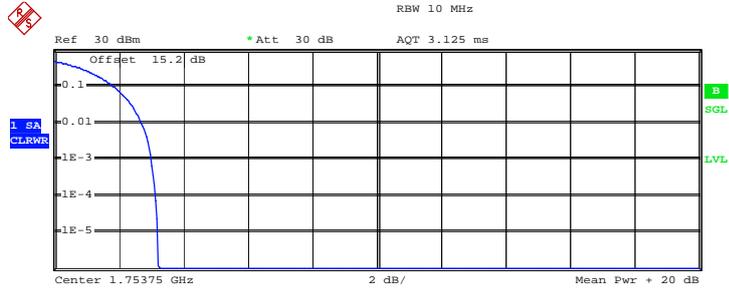
Mean 23.76 dBm
 Peak 27.46 dBm
 Crest 3.71 dB

10 % 1.88 dB
 1 % 2.92 dB
 .1 % 3.36 dB
 .01 % 3.60 dB

Date: 26.JUN.2012 23:12:54



Peak-to-Average Ratio on Channel 875 (1753.75 MHz)



Complementary Cumulative Distribution Function (100000 samples)

Trace 1	
Mean	23.87 dBm
Peak	27.11 dBm
Crest	3.24 dB
10 %	1.88 dB
1 %	2.72 dB
.1 %	3.04 dB
.01 %	3.16 dB

Date: 26.JUN.2012 23:13:37



3.3 Effective Radiated Power and Effective Isotropic Radiated Power Measurement

3.3.1 Description of the ERP/EIRP Measurement

The substitution method, in ANSI / TIA / EIA-603-C-2004, was used for ERP/EIRP measurement, and the spectrum analyzer configuration follows KDB 971168 D01 Power Meas. License Digital Systems v01. The ERP of mobile transmitters must not exceed 7 Watts and the EIRP of mobile transmitters are limited to 2 Watts.

3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

1. The EUT was placed on a turntable with 1.0 meter height in a fully anechoic chamber.
2. The EUT was set at 1.2 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiated power.
4. The height of the receiving antenna is adjusted to look for the maximum ERP/EIRP.
5. Taking the record of maximum ERP/EIRP.
6. A dipole antenna was substituted in place of the EUT and was driven by a signal generator.
7. The conducted power at the terminal of the dipole antenna is measured.
8. Repeat step 3 to step 5 to get the maximum ERP/EIRP of the substitution antenna.
9. $ERP/EIRP = P_s + E_t - E_s + G_s = P_s + R_t - R_s + G_s$

P_s (dBm) : Input power to substitution antenna.

G_s (dBi or dBd) : Substitution antenna Gain.

$E_t = R_t + AF$

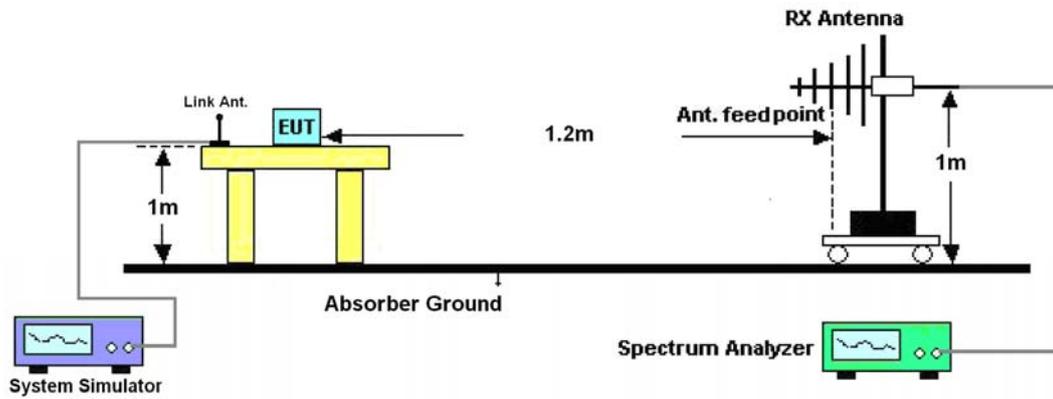
$E_s = R_s + AF$

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.

3.3.4 Test Setup





3.3.5 Test Result of ERP

CDMA2000 BC0 1xRTT_RC1+SO55 Radiated Power ERP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.70	-27.44	-48.12	0.00	-1.08	19.60	0.0912
836.52	-28.96	-48.28	0.00	-0.93	18.39	0.0690
848.31	-28.94	-48.35	0.00	-0.76	18.65	0.0733
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.70	-27.81	-47.97	0.00	-1.08	19.08	0.0809
836.52	-29.14	-48.01	0.00	-0.93	17.94	0.0622
848.31	-28.94	-48.05	0.00	-0.76	18.35	0.0684



3.3.6 Test Result of EIRP

CDMA2000 BC1 1xRTT_RC1+SO55 Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1851.25	-30.00	-51.88	0.00	1.96	23.84	0.2421
1880.00	-30.88	-52.99	0.00	2.00	24.11	0.2576
1908.75	-33.18	-54.28	0.00	1.98	23.08	0.2032
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1851.25	-29.82	-52.13	0.00	1.96	24.27	0.2673
1880.00	-31.06	-53.17	0.00	2.00	24.11	0.2576
1908.75	-31.62	-54.13	0.00	1.98	24.49	0.2812

CDMA2000 BC15 1xRTT_RC1+SO55 Radiated Power EIRP						
Horizontal Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1711.25	-28.53	-51.88	0.00	1.96	25.31	0.3396
1732.50	-30.07	-52.99	0.00	2.00	24.92	0.3105
1753.75	-30.45	-54.28	0.00	1.98	25.81	0.3811
Vertical Polarization						
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)
1711.25	-28.06	-52.13	0.00	1.96	26.03	0.4009
1732.50	-29.53	-53.17	0.00	2.00	25.64	0.3664
1753.75	-29.56	-54.13	0.00	1.98	26.55	0.4519

3.4 99% Occupied Bandwidth and 26dB Bandwidth Measurement

3.4.1 Description of 99% Occupied Bandwidth and 26dB Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The emission bandwidth is defined as the width of the signal between two points, located at the 2 sides of the carrier frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

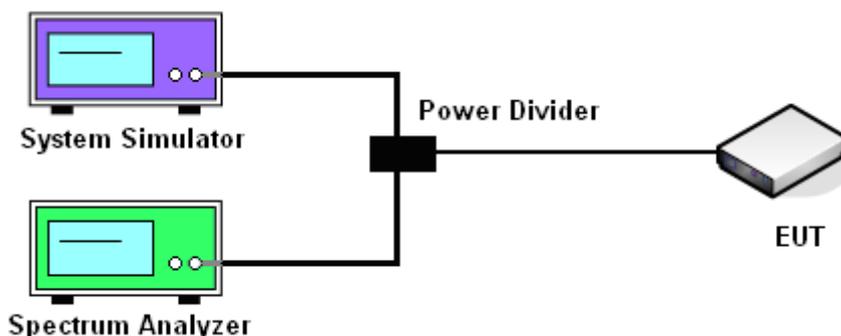
3.4.2 Measuring Instruments

See list of measuring instruments of this test report.

3.4.3 Test Procedures

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The 99% occupied bandwidth and 26 dB bandwidth of the middle channel for the highest RF powers were measured.

3.4.4 Test Setup





3.4.5 Test Result of 99% Occupied Bandwidth and 26dB Bandwidth

CDMA2000 BC0			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	1013 (Low)	384 (Mid)	777 (High)
Frequency (MHz)	824.70	836.52	848.31
99% OBW (MHz)	1.276	1.272	1.276
26dB BW (MHz)	1.420	1.420	1.424

CDMA2000 BC1			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	600 (Mid)	1175 (High)
Frequency (MHz)	1851.25	1880.00	1908.75
99% OBW (MHz)	1.276	1.280	1.272
26dB BW (MHz)	1.432	1.424	1.424

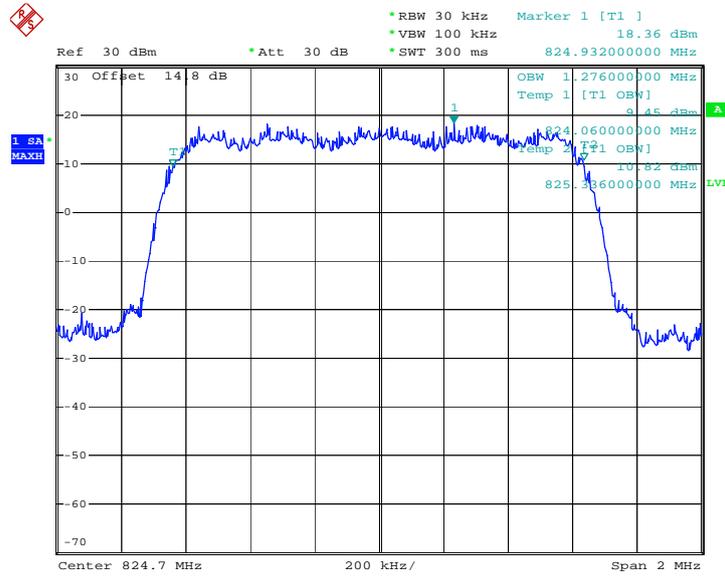
CDMA2000 BC15			
Test Mode	CDMA 2000 1xRTT		
Test Status	RC1+SO55		
Channel	25 (Low)	425 (Mid)	875 (High)
Frequency (MHz)	1711.25	1731.25	1753.75
99% OBW (MHz)	1.272	1.280	1.276
26dB BW (MHz)	1.428	1.428	1.432



3.4.6 Test Result (Plots) of 99% Occupied Bandwidth and 26dB Bandwidth

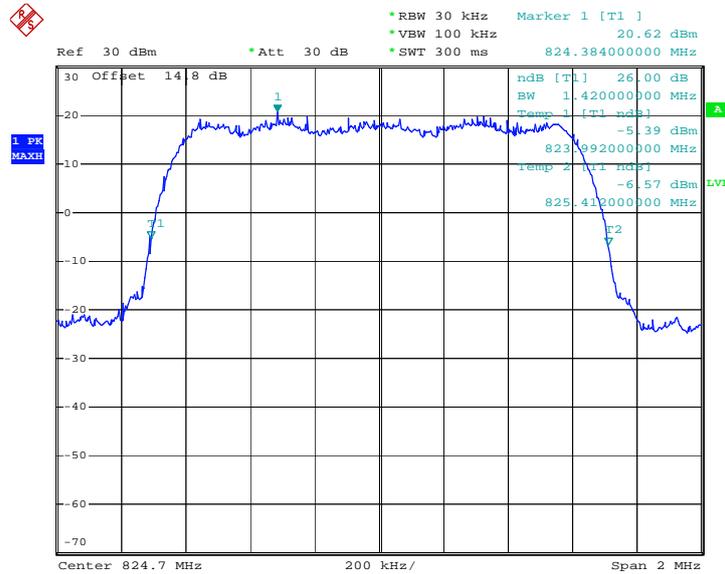
Band :	CDMA2000 BC0	Test Mode :	1xRTT_RC1+SO55
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99% Occupied Bandwidth Plot on Channel 1013 (824.7 MHz)



Date: 26.JUN.2012 21:31:30

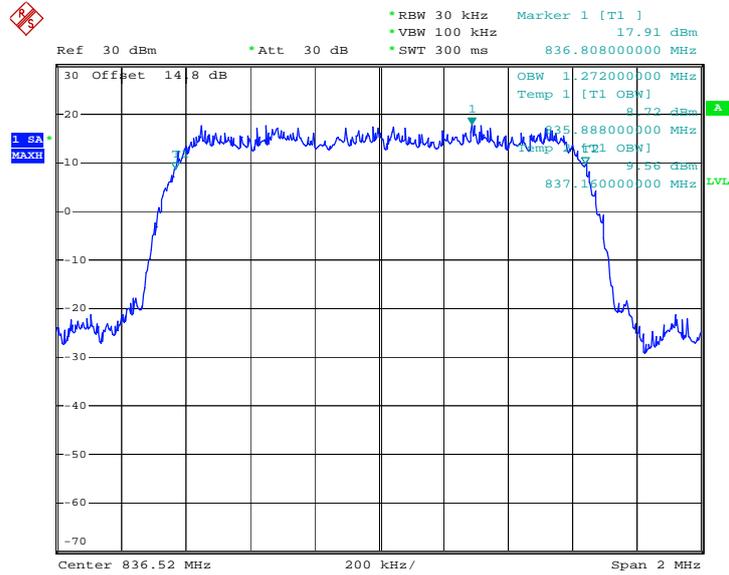
26dB Bandwidth Plot on Channel 1013 (824.7 MHz)



Date: 26.JUN.2012 21:30:05

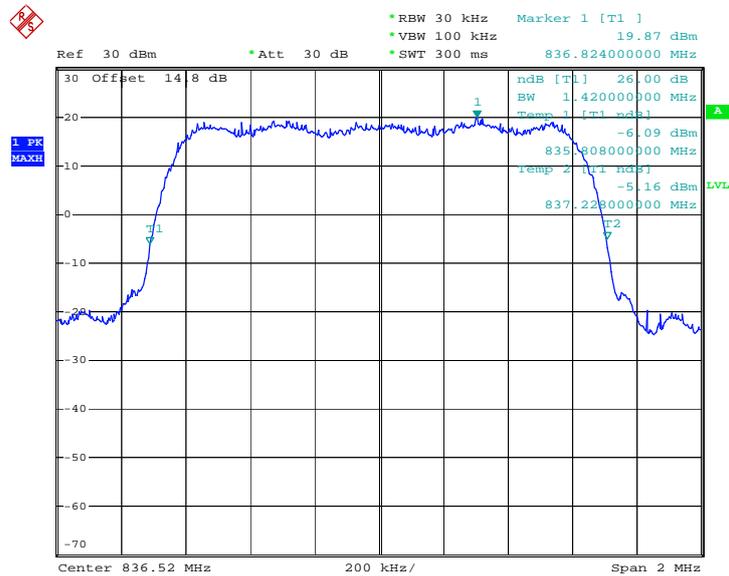


99% Occupied Bandwidth Plot on Channel 384 (836.52 MHz)



Date: 26.JUN.2012 21:34:20

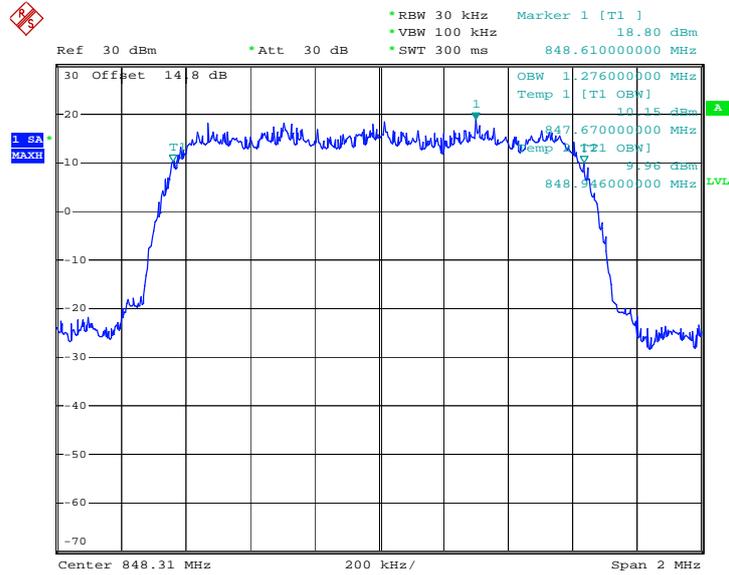
26dB Bandwidth Plot on Channel 384 (836.52 MHz)



Date: 26.JUN.2012 22:06:35

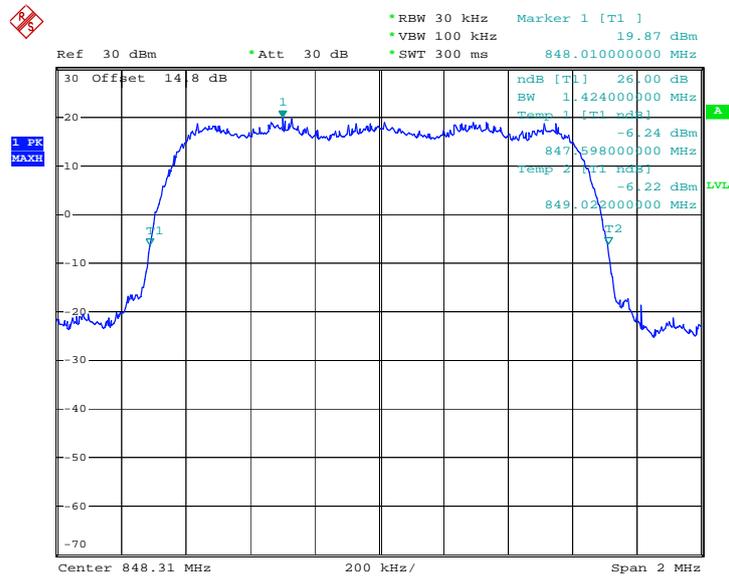


99% Occupied Bandwidth Plot on Channel 777 (848.31 MHz)



Date: 26.JUN.2012 21:33:33

26dB Bandwidth Plot on Channel 777 (848.31 MHz)

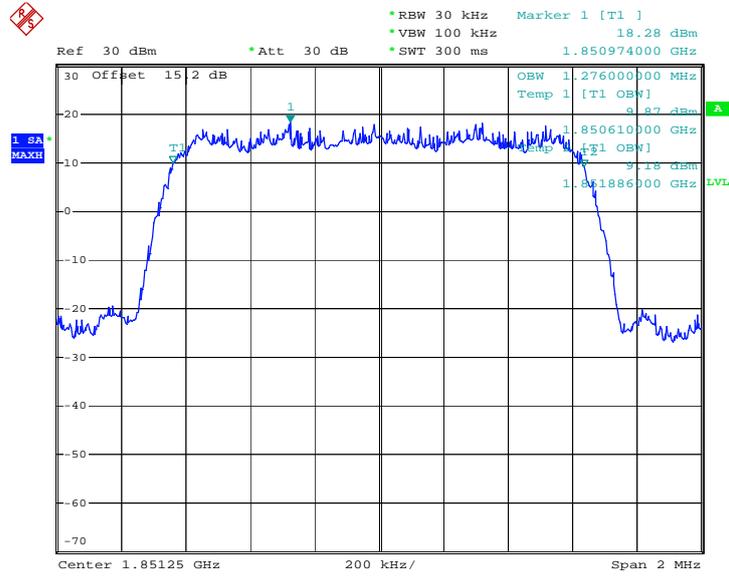


Date: 26.JUN.2012 21:29:33



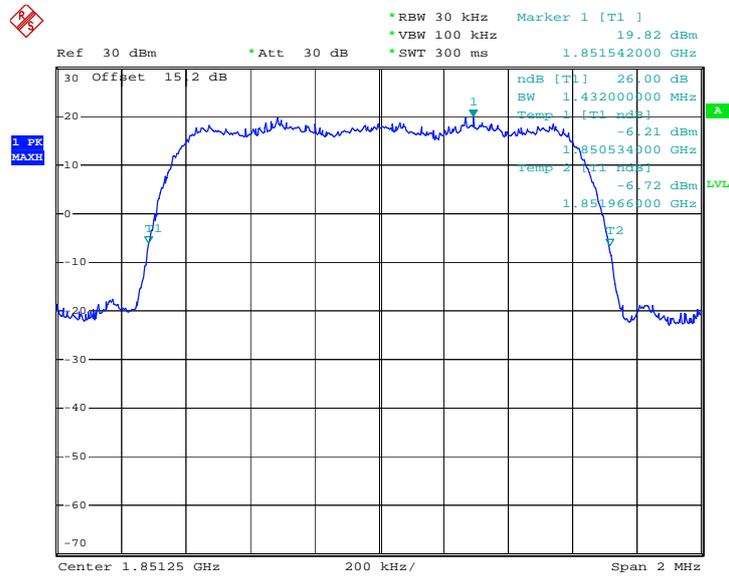
Band :	CDMA2000 BC1	Test Mode :	1xRTT_RC1+SO55
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99% Occupied Bandwidth Plot on Channel 25 (1851.24 MHz)



Date: 26.JUN.2012 22:37:00

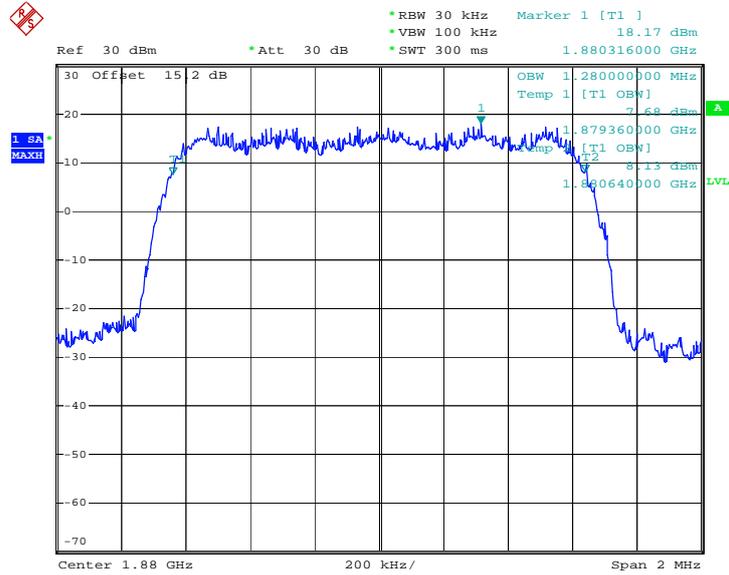
26dB Bandwidth Plot on Channel 25 (1851.24 MHz)



Date: 26.JUN.2012 22:30:50

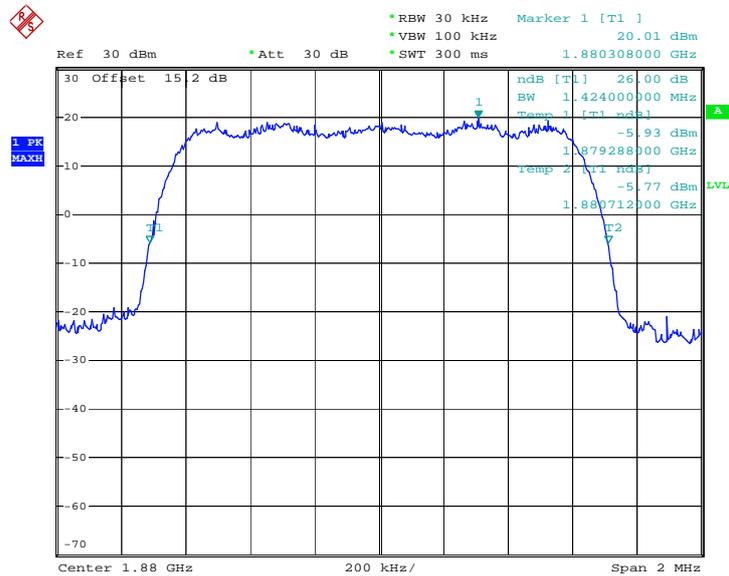


99% Occupied Bandwidth Plot on Channel 600 (1880.0 MHz)



Date: 26.JUN.2012 22:36:16

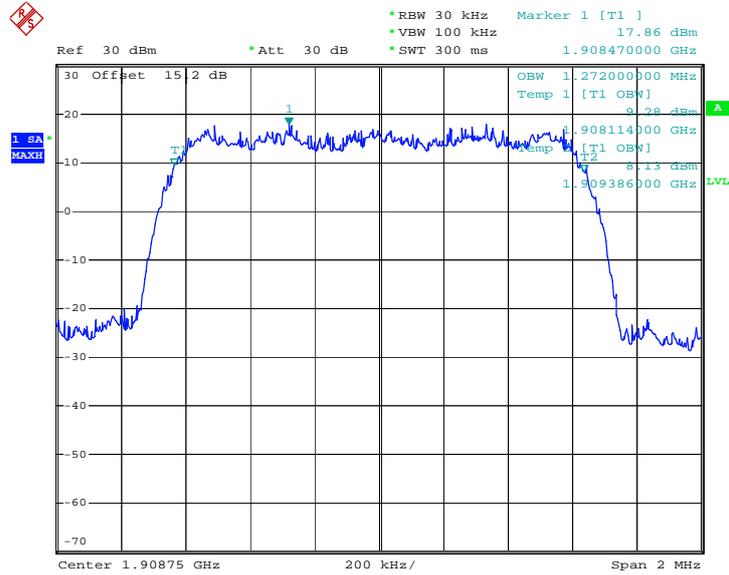
26dB Bandwidth Plot on Channel 600 (1880.0 MHz)



Date: 26.JUN.2012 22:31:33

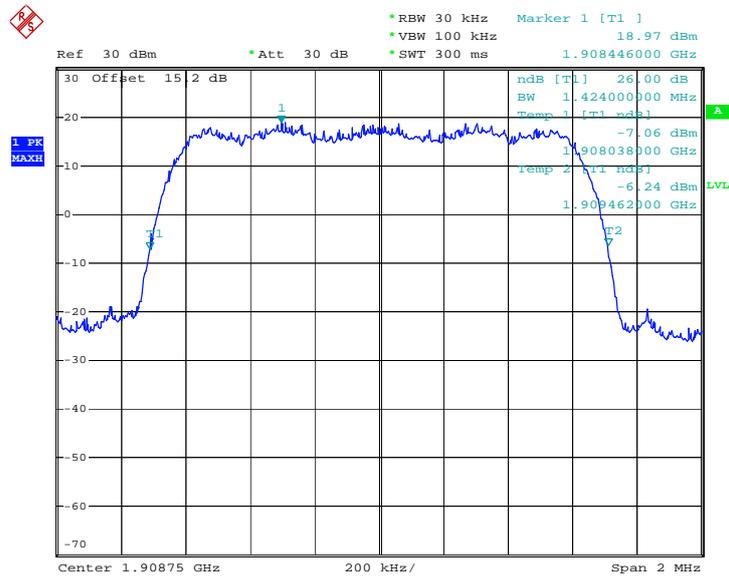


99% Occupied Bandwidth Plot on Channel 1175 (1908.75 MHz)



Date: 26.JUN.2012 22:34:02

26dB Bandwidth Plot on Channel 1175 (1908.75 MHz)

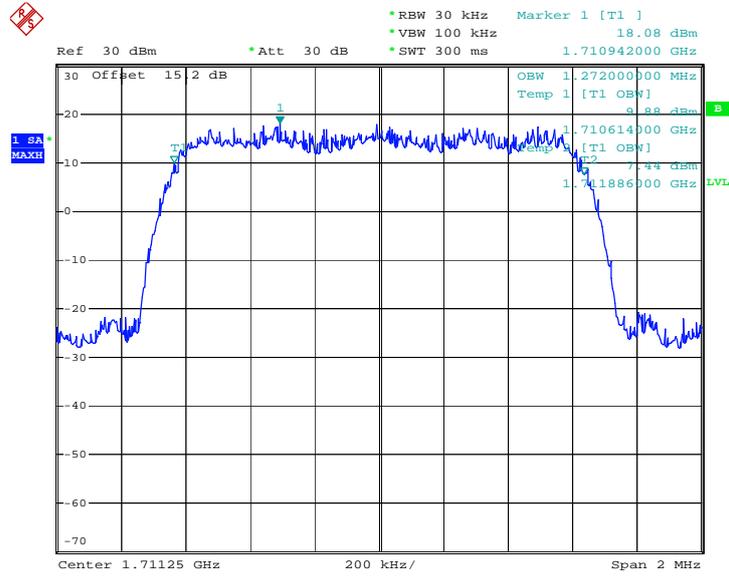


Date: 26.JUN.2012 22:32:17



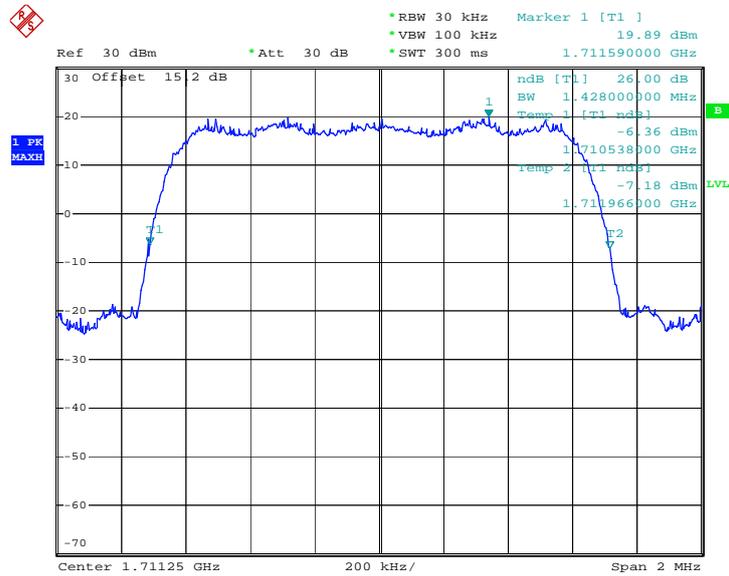
Band :	CDMA2000 BC15	Test Mode :	1xRTT_RC1+SO55
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99% Occupied Bandwidth Plot on Channel 25 (1711.25 MHz)



Date: 26.JUN.2012 23:06:24

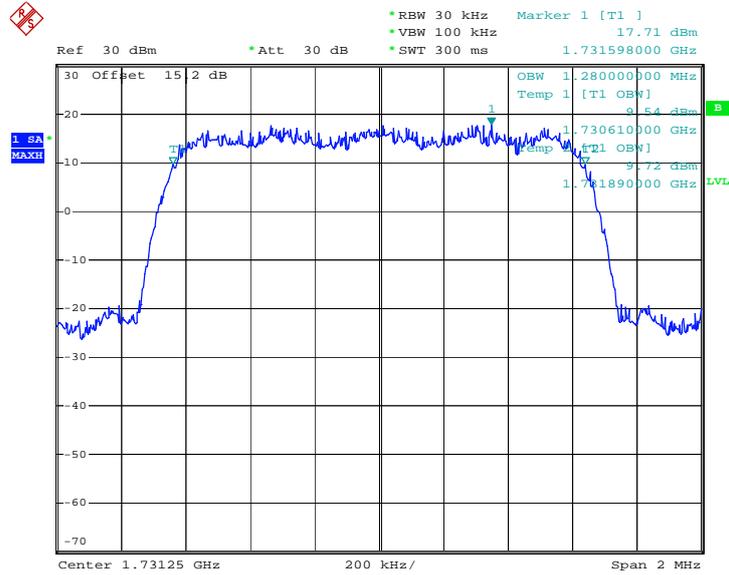
26dB Bandwidth Plot on Channel 25 (1711.25 MHz)



Date: 26.JUN.2012 23:03:35

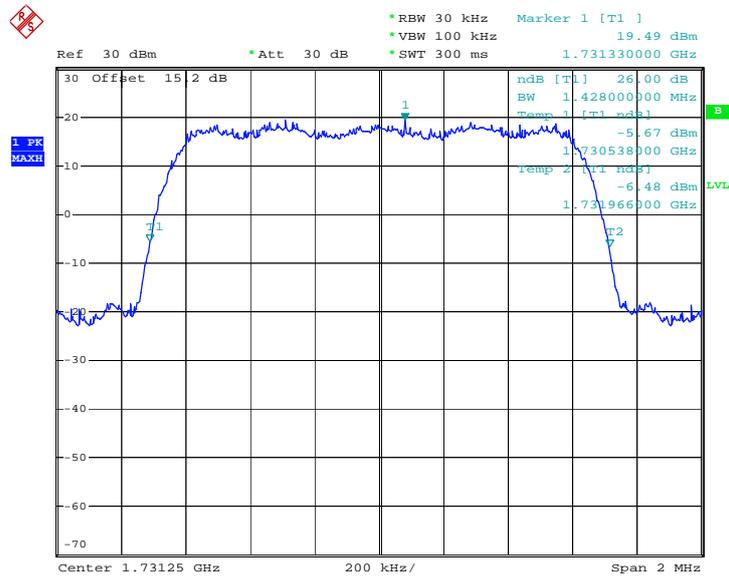


99% Occupied Bandwidth Plot on Channel 425 (1731.25 MHz)



Date: 26.JUN.2012 23:09:04

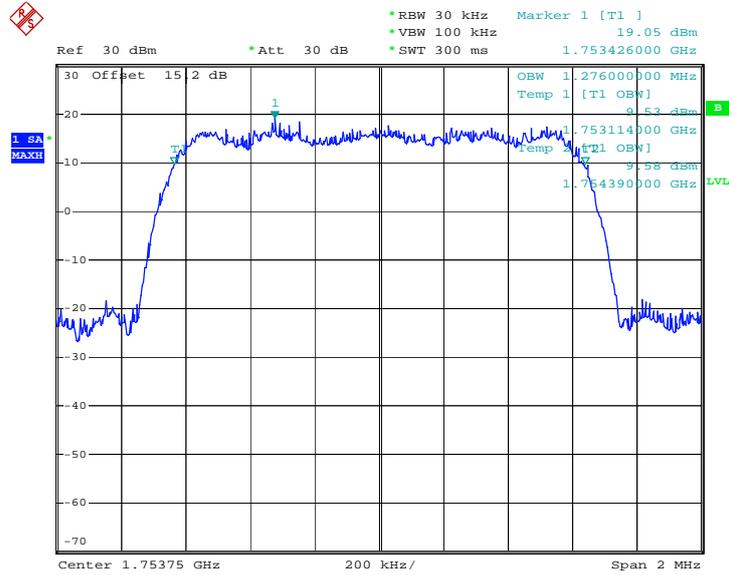
26dB Bandwidth Plot on Channel 425 (1731.25 MHz)



Date: 26.JUN.2012 23:04:11

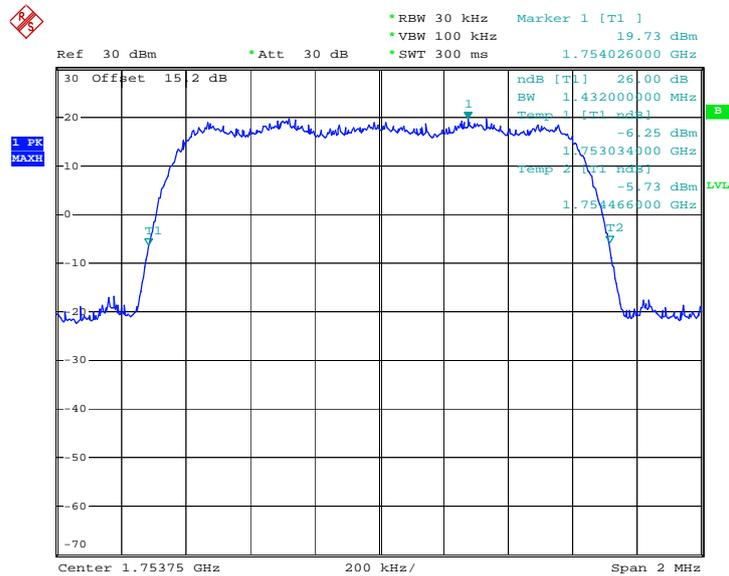


99% Occupied Bandwidth Plot on Channel 875 (1753.75 MHz)



Date: 26.JUN.2012 23:10:29

26dB Bandwidth Plot on Channel 875 (1753.75 MHz)



Date: 26.JUN.2012 23:05:15

3.5 Band Edge Measurement

3.5.1 Description of Band Edge Measurement

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.

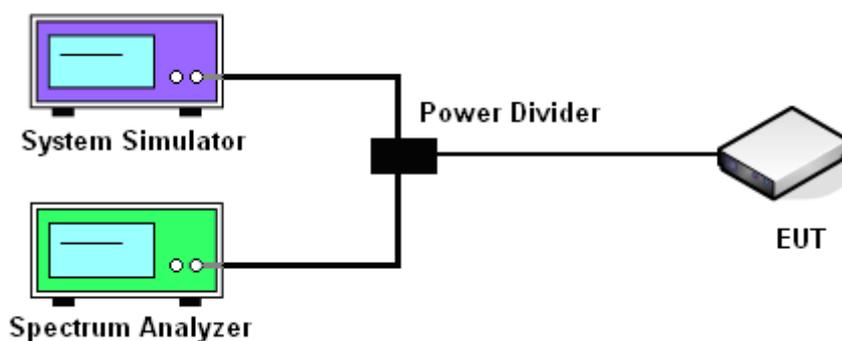
3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

3.5.3 Test Procedures

1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
2. The band edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly $BW/100$.
3. The RBW was replaced by 10 kHz, slightly smaller than the value in (2), due to the spectrum analyzer limitation to set the exact value. A worst case correction factor of $10 \cdot \log (1\% \text{ emission-BW/measurement RBW})$ was compensated.

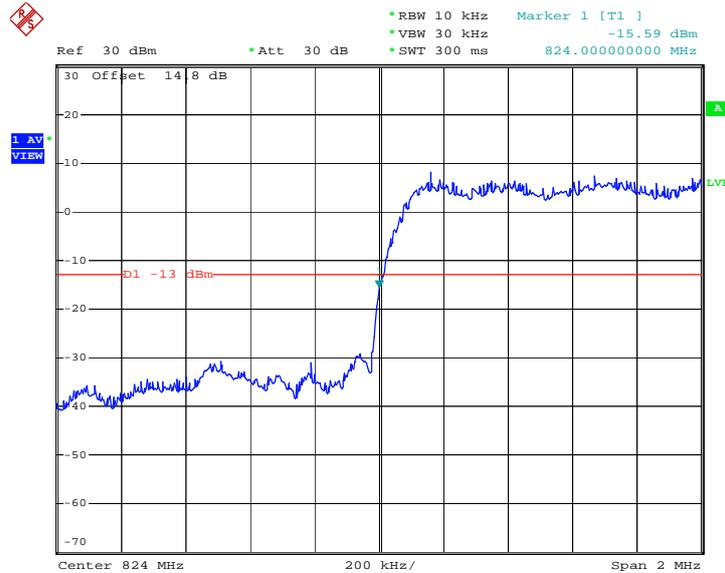
3.5.4 Test Setup



3.5.5 Test Result (Plots) of Conducted Band Edge

Band :	CDMA2000 BC0	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.54dB	Maximum 26dB Bandwidth :	1.424 MHz
Band Edge :	-14.05dBm	Measurement Value :	-15.59dBm

Lower Band Edge Plot on Channel 1013 (824.7 MHz)



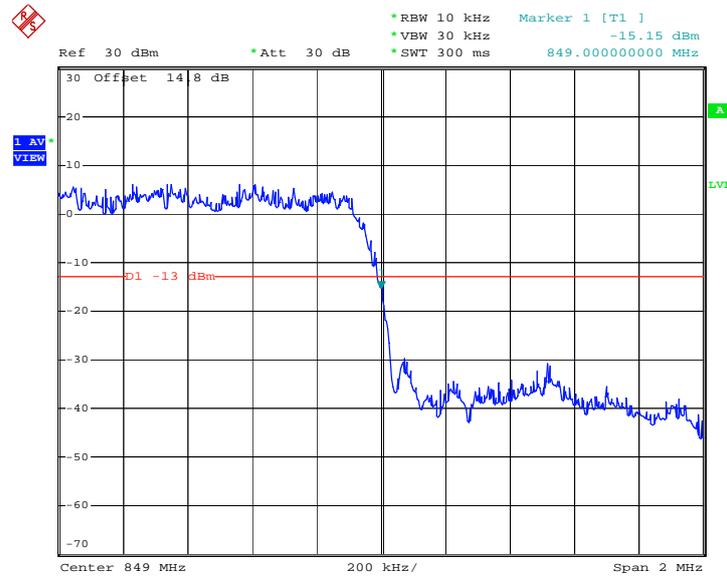
Date: 26.JUN.2012 21:25:04

1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
2. Band Edge= Measurement Value + Correction Factor(dB)



Band :	CDMA2000 BC0	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.54 dB	Maximum 26dB Bandwidth:	1.424 MHz
Band Edge :	-13.61 dBm	Measurement Value :	-15.15 dBm

Higher Band Edge Plot on Channel 777 (848.31 MHz)



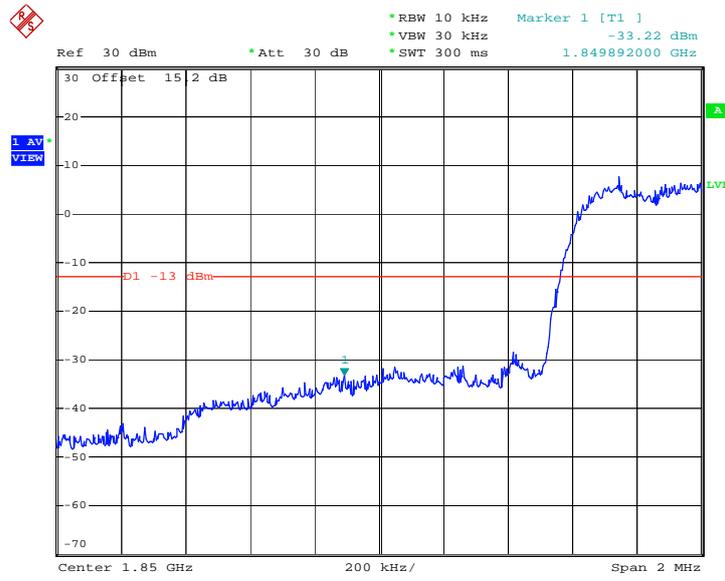
Date: 26.JUN.2012 21:26:47

1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
2. Band Edge= Measurement Value + Correction Factor(dB)



Band :	CDMA2000 BC1	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.56 dB	Maximum 26dB Bandwidth:	1.432 MHz
Band Edge :	-31.66 dBm	Measurement Value :	-33.22 dBm

Lower Band Edge Plot on Channel 25 (1851.25 MHz)



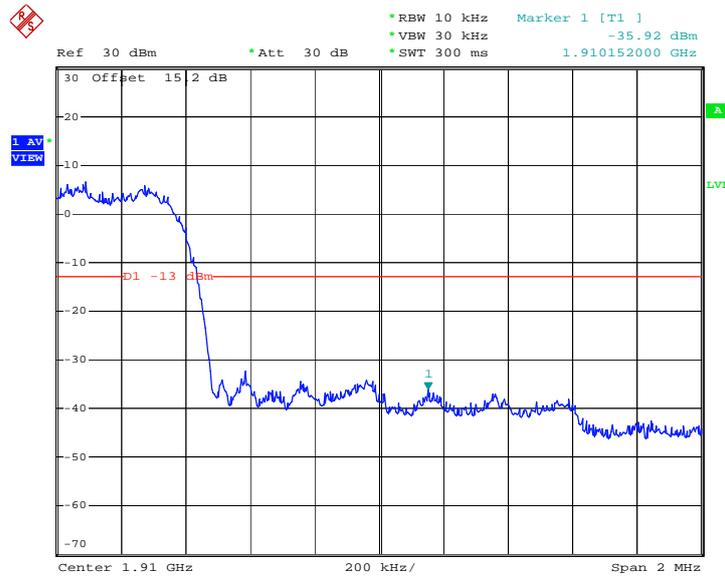
Date: 26.JUN.2012 22:26:56

1. Correction Factor(dB)= $10\log(1\% \text{ Emission BW/RBW})$
2. Band Edge= Measurement Value + Correction Factor(dB)



Band :	CDMA2000 BC1	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.56 dB	Maximum 26dB Bandwidth:	1.432 MHz
Band Edge :	-34.36 dBm	Measurement Value :	-35.92 dBm

Higher Band Edge Plot on Channel 1175 (1908.75 MHz)



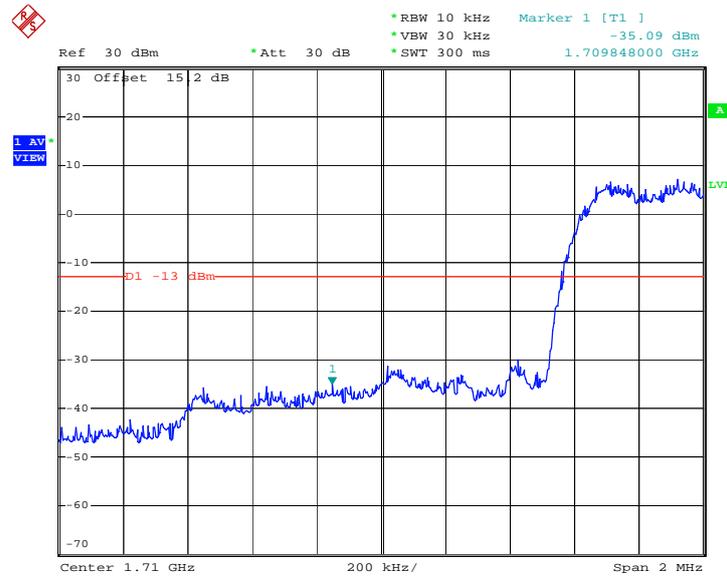
Date: 26.JUN.2012 22:26:23

1. Correction Factor(dB)= $10\log(1\% \text{ Emission BW/RBW})$
2. Band Edge= Measurement Value + Correction Factor(dB)



Band :	CDMA2000 BC15	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.56 dB	Maximum 26dB Bandwidth:	1.432 MHz
Band Edge :	-33.53 dBm	Measurement Value :	-35.09 dBm

Lower Band Edge Plot on Channel 25 (1711.25 MHz)



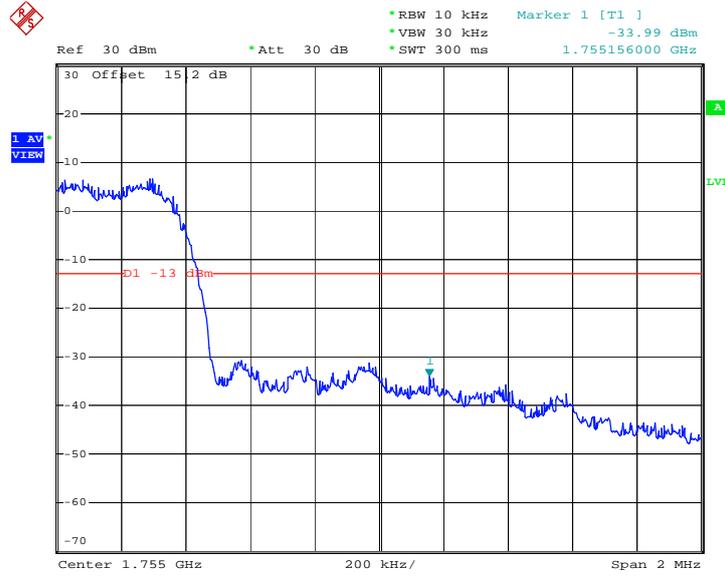
Date: 26.JUN.2012 23:34:04

1. Correction Factor(dB)= $10\log(1\% \text{ Emission BW/RBW})$
2. Band Edge= Measurement Value + Correction Factor(dB)



Band :	CDMA2000 BC15	Test Mode :	1xRTT_RC1+SO55
Correction Factor :	1.56 dB	Maximum 26dB Bandwidth:	1.432 MHz
Band Edge :	-32.43 dBm	Measurement Value :	-33.99 dBm

Higher Band Edge Plot on Channel 875 (1753.75 MHz)



Date: 26.JUN.2012 23:35:27

1. Correction Factor(dB)= 10log(1% Emission BW/RBW)
2. Band Edge= Measurement Value + Correction Factor(dB)

3.6 Conducted Spurious Emission Measurement

3.6.1 Description of Conducted Spurious Emission Measurement

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.

It is measured by means of a calibrated spectrum analyzer and scanned from 30 MHz up to a frequency including its 10th harmonic.

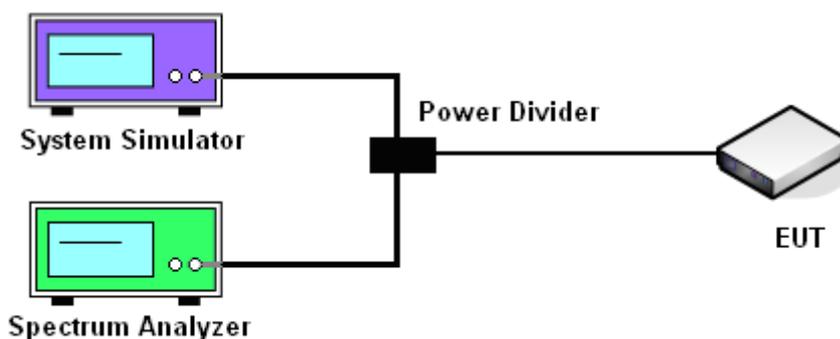
3.6.2 Measuring Instruments

See list of measuring instruments of this test report.

3.6.3 Test Procedures

1. The EUT was connected to spectrum analyzer and base station via power divider.
2. The middle channel for the highest RF power within the transmitting frequency was measured.
3. The conducted spurious emission for the whole frequency range was taken.

3.6.4 Test Setup

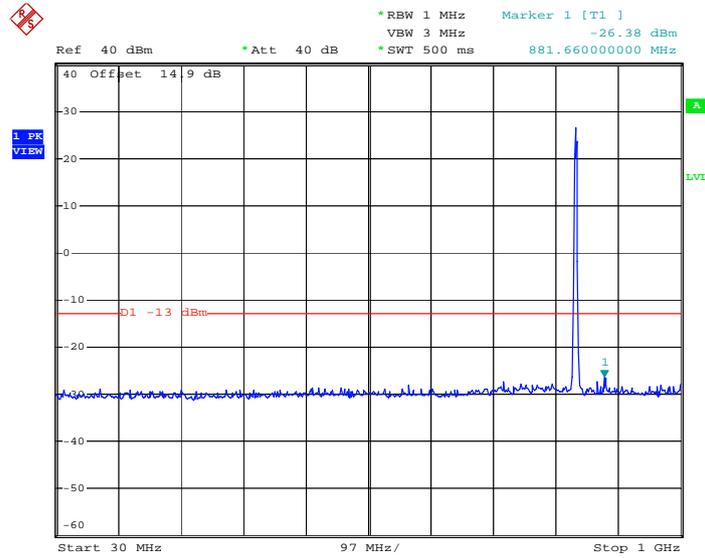




3.6.5 Test Result (Plots) of Conducted Spurious Emission

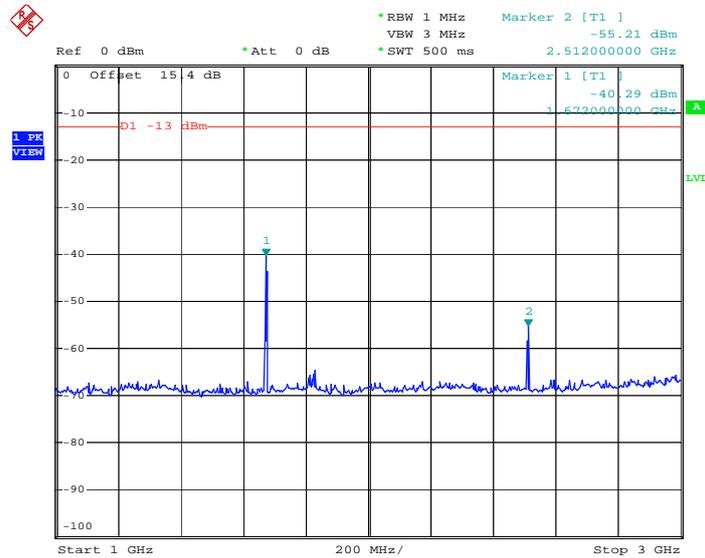
Band :	CDMA2000 BC0	Channel	384
Test Mode :	1xRTT_RC1+SO55	Frequency :	836.52 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 26.JUN.2012 21:38:17

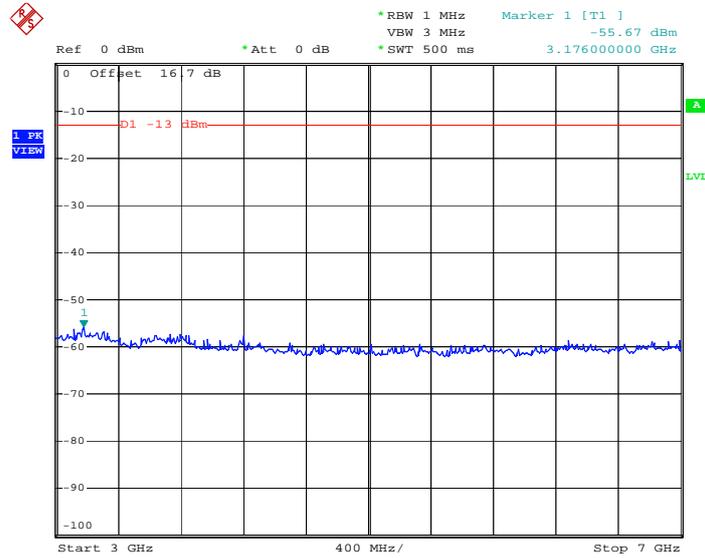
Conducted Spurious Emission Plot between 1GHz ~ 3GHz



Date: 26.JUN.2012 21:42:00

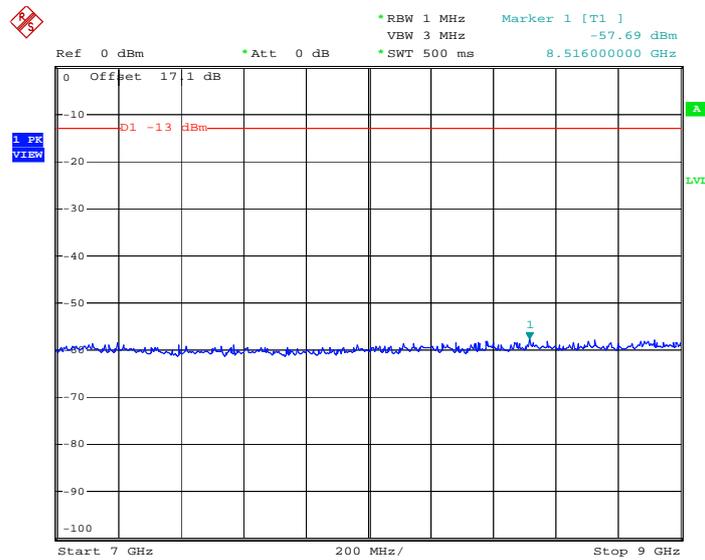


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 26.JUN.2012 21:42:33

Conducted Spurious Emission Plot between 7GHz ~ 9GHz

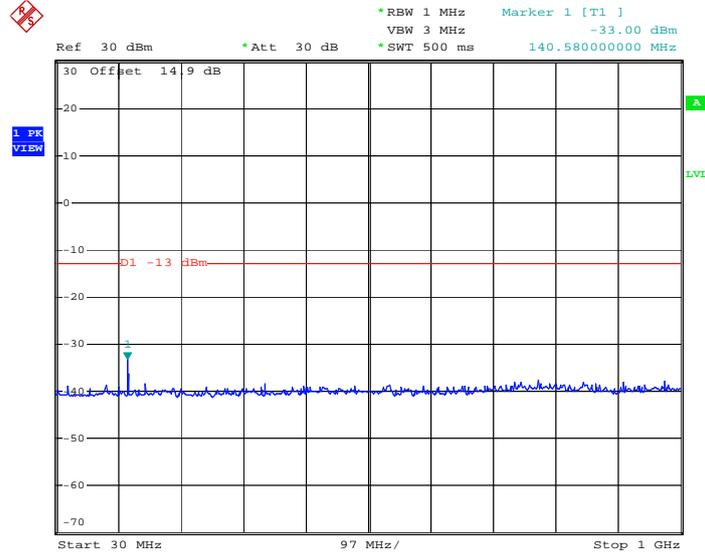


Date: 26.JUN.2012 21:43:18



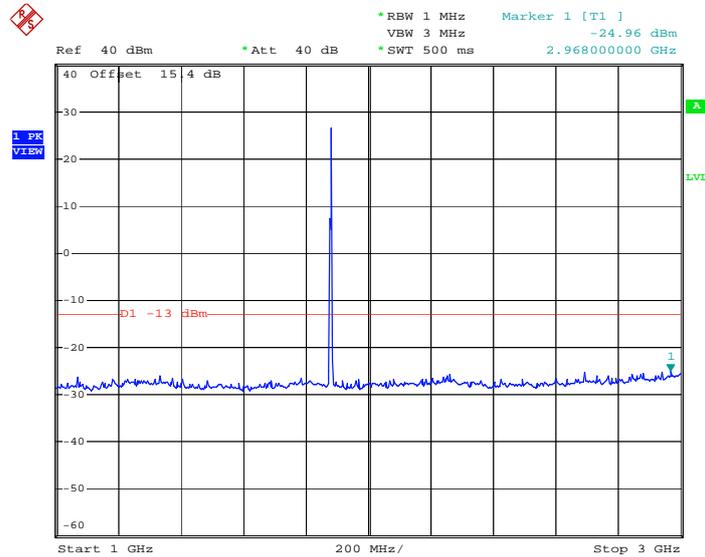
Band :	CDMA2000 BC1	Channel	600
Test Mode :	1xRTT_RC1+S055	Frequency :	1880.0 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 26.JUN.2012 22:40:43

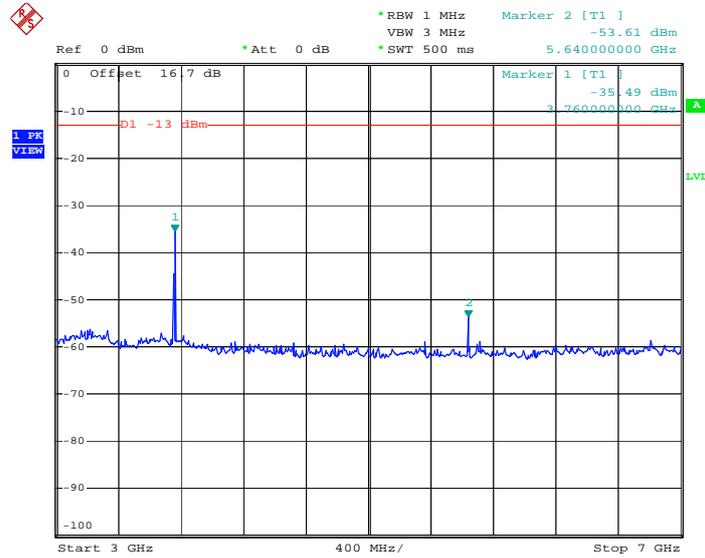
Conducted Spurious Emission Plot between 1GHz ~ 3GHz



Date: 26.JUN.2012 22:41:24

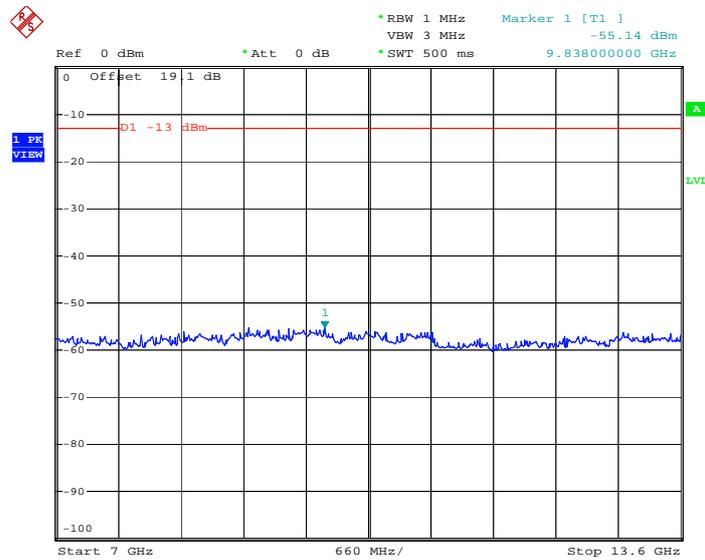


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 26.JUN.2012 22:42:26

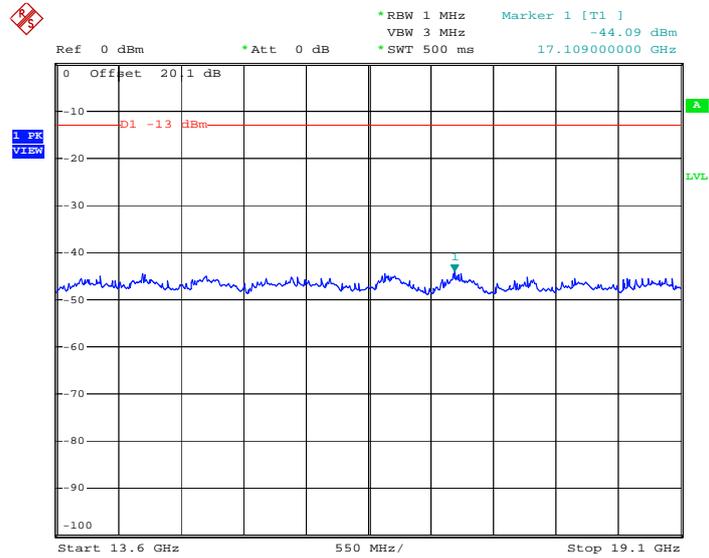
Conducted Spurious Emission Plot between 7GHz ~ 13.6GHz



Date: 26.JUN.2012 22:42:56



Conducted Spurious Emission Plot between 13.6GHz ~ 19.1GHz

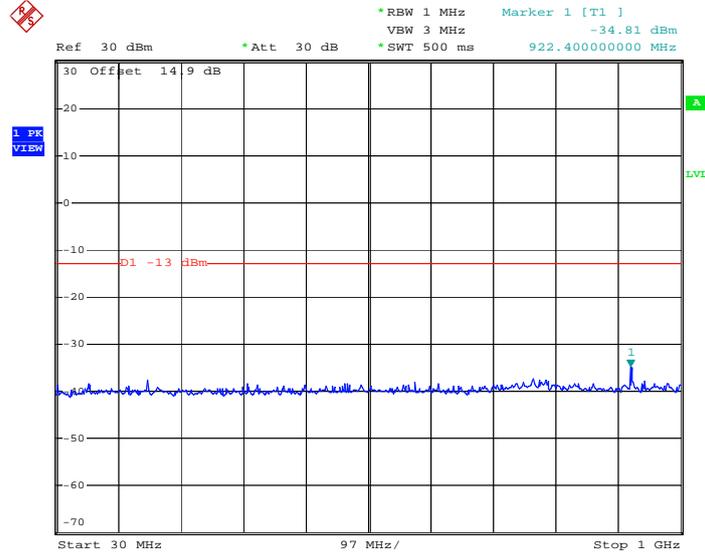


Date: 26.JUN.2012 22:43:29



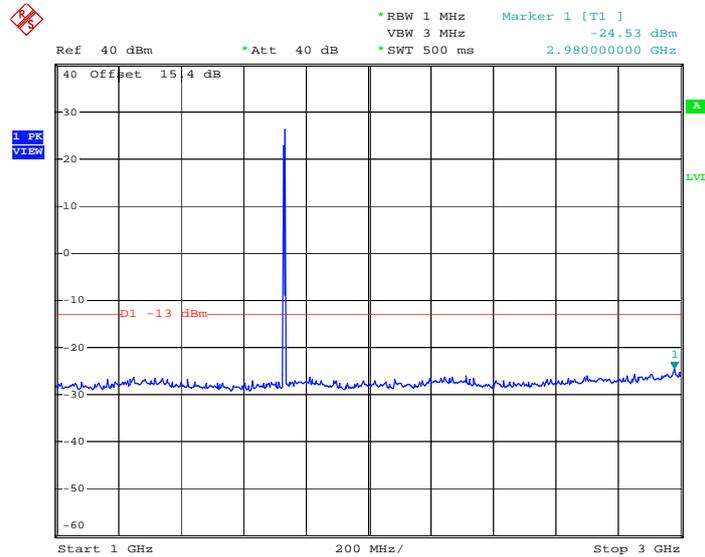
Band :	CDMA2000 BC15	Channel	425
Test Mode :	1xRTT_RC1+SO55	Frequency :	1731.25 MHz

Conducted Spurious Emission Plot between 30MHz ~ 1GHz



Date: 26.JUN.2012 22:57:24

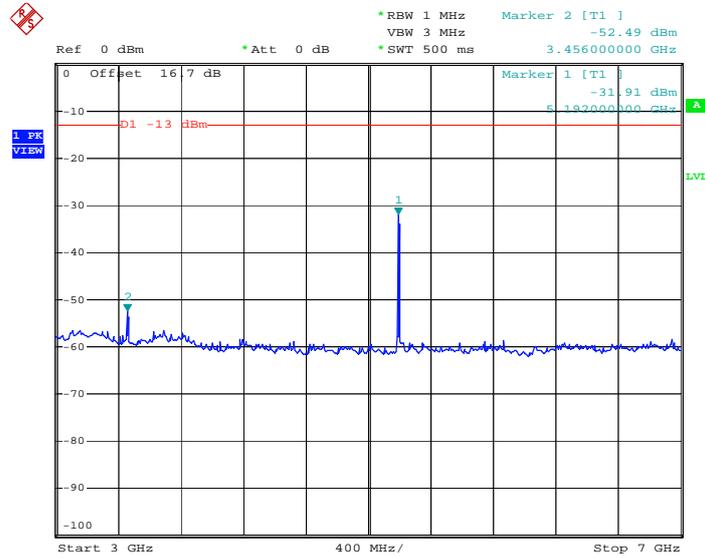
Conducted Spurious Emission Plot between 1GHz ~ 3GHz



Date: 26.JUN.2012 22:58:16

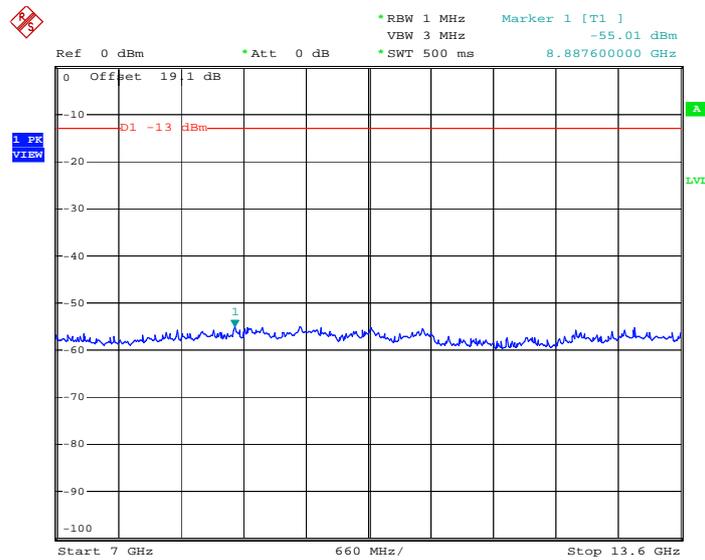


Conducted Spurious Emission Plot between 3GHz ~ 7GHz



Date: 26.JUN.2012 22:59:34

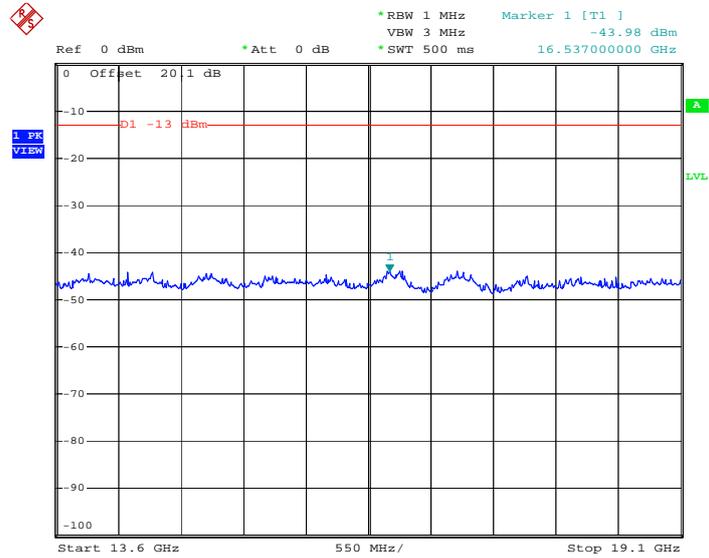
Conducted Spurious Emission Plot between 7GHz ~ 13.6GHz



Date: 26.JUN.2012 23:00:18



Conducted Spurious Emission Plot between 13.6GHz ~ 19.1GHz



Date: 26.JUN.2012 23:00:55

3.7 Field Strength of Spurious Radiation Measurement

3.7.1 Description of Field Strength of Spurious Radiated Measurement

The radiated spurious emission was measured by substitution method according to ANSI / TIA / EIA-603-C-2004. 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.

3.7.2 Measuring Instruments

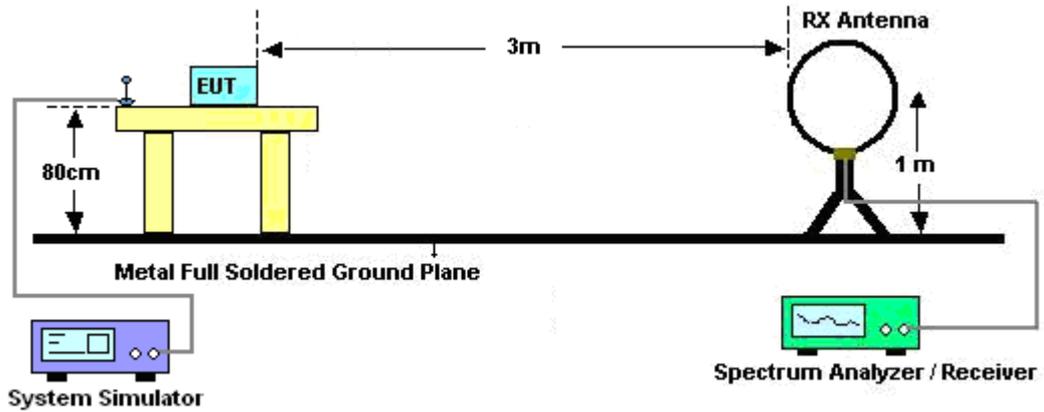
See list of measuring instruments of this test report.

3.7.3 Test Procedures

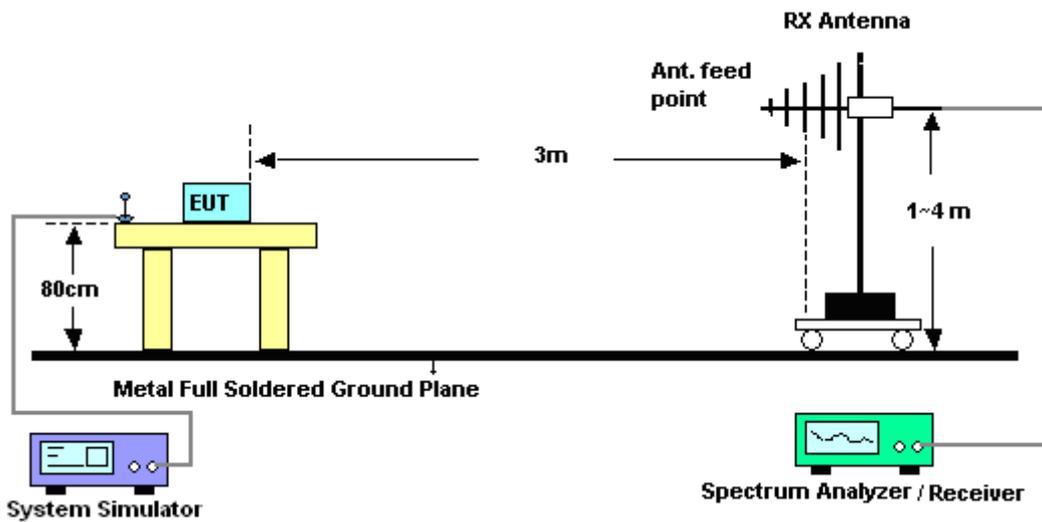
1. The EUT was placed on a rotatable wooden table with 0.8 meter above ground.
2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to search the maximum spurious emission for both horizontal and vertical polarizations.
5. Taking the record of maximum spurious emission.
6. A horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. $EIRP \text{ (dBm)} = S.G. \text{ Power} - Tx \text{ Cable Loss} + Tx \text{ Antenna Gain}$
11. $ERP \text{ (dBm)} = EIRP - 2.15$

3.7.4 Test Setup

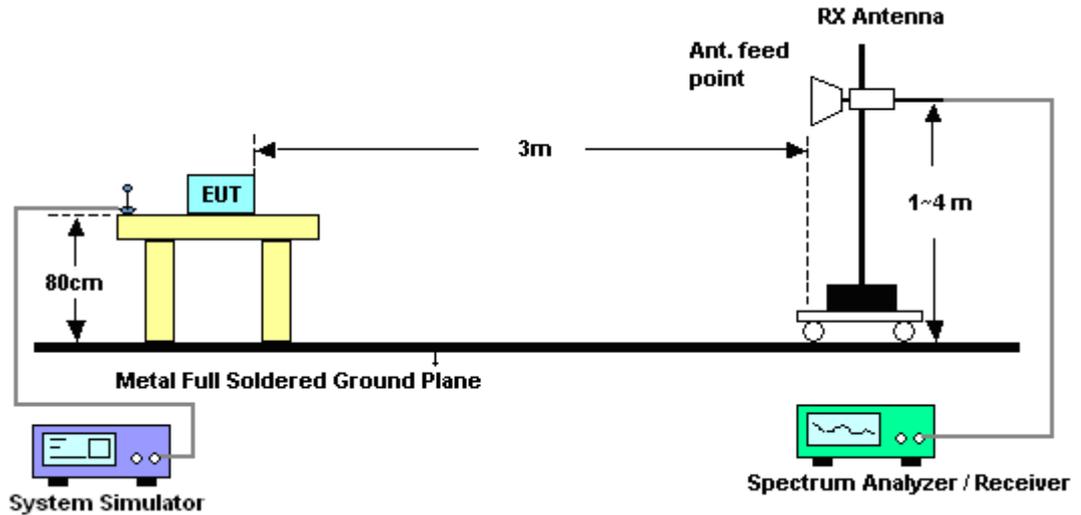
For radiated emissions below 30MHz



For radiated emissions from 30MHz to 1GHz



For radiated emissions above 1GHz



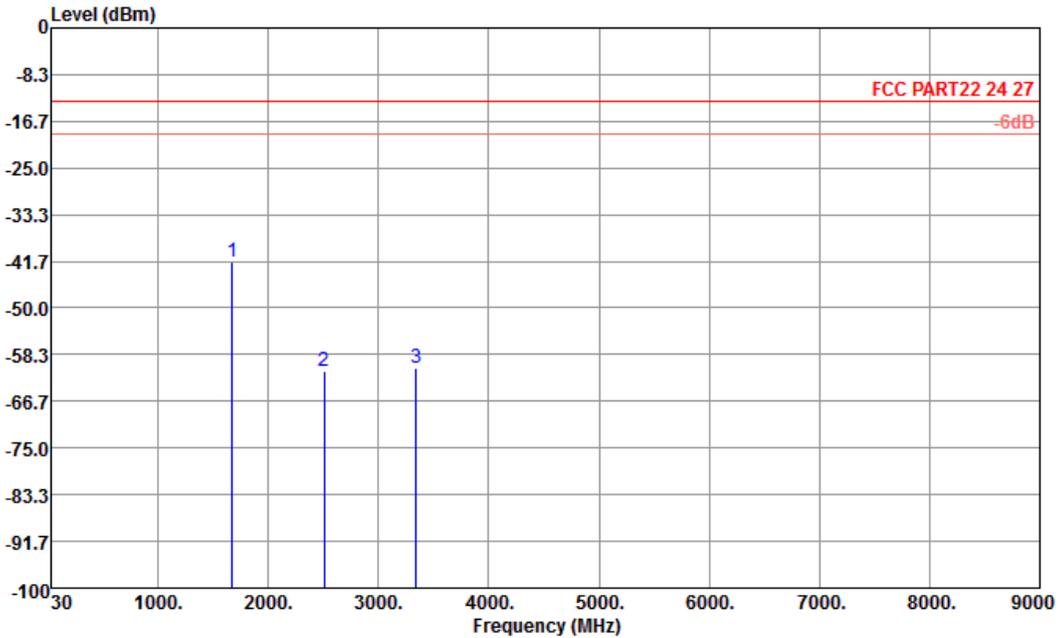
3.7.5 Test Results of Radiated Emissions (9 KHz ~ 30 MHz)

The low frequency, which started from 9 KHz to 30MHz, was pre-scanned and the result which was 20dB lower than the limit line per 15.31(o) was not reported.



3.7.6 Test Result of Field Strength of Spurious Radiated

Band :	CDMA2000 BC0	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Horizontal
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



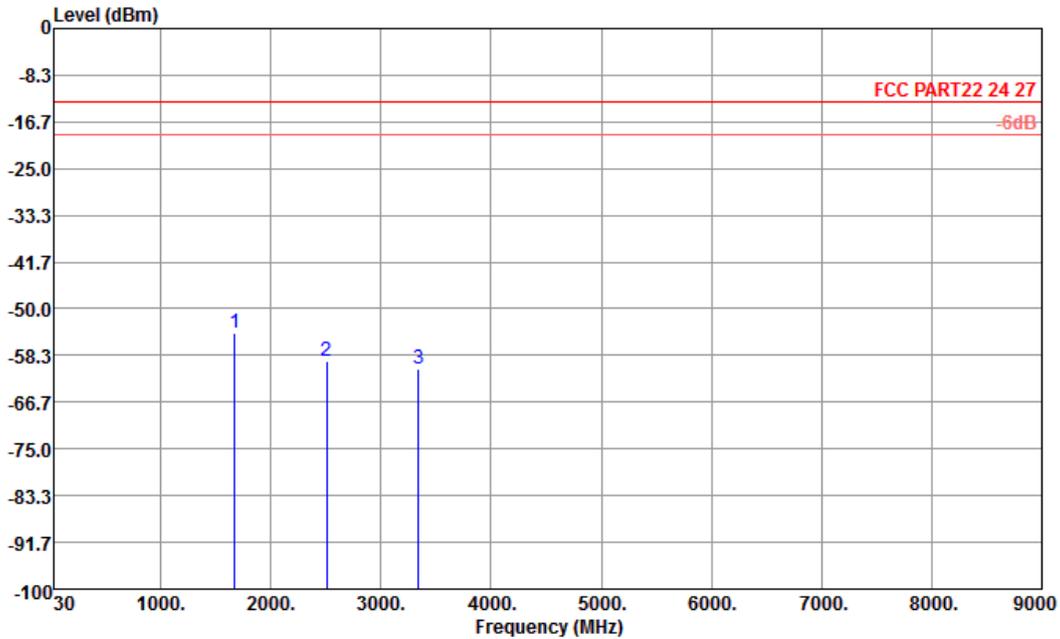
Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 HORIZONTAL

Plan : E2

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1672	-41.91	-13	-28.91	-41.93	-42.56	0.57	3.37	H	Pass
2509	-61.38	-13	-48.38	-63.63	-63.61	0.78	5.16	H	Pass
3345	-60.65	-13	-47.65	-62.59	-64.29	0.87	6.66	H	Pass



Band :	CDMA2000 BC0	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Vertical
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



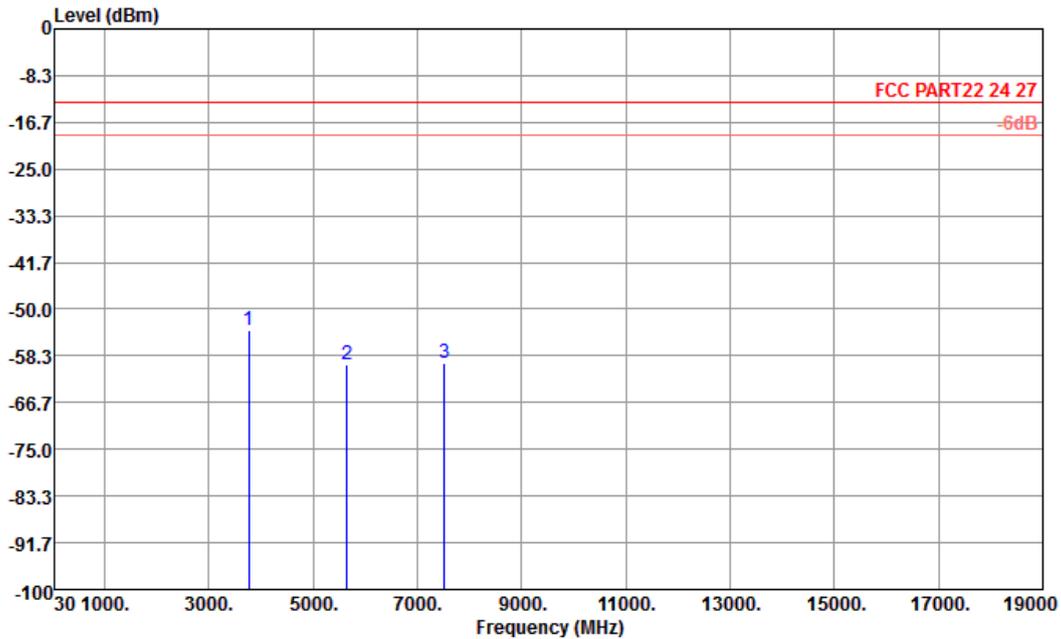
Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 VERTICAL

Plan : E2

Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
1672	-54.18	-13	-41.18	-53.95	-54.83	0.57	3.37	V	Pass
2509	-59.43	-13	-46.43	-62.54	-61.66	0.78	5.16	V	Pass
3344	-60.60	-13	-47.60	-62.58	-64.24	0.87	6.66	V	Pass



Band :	CDMA2000 BC1	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Horizontal
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



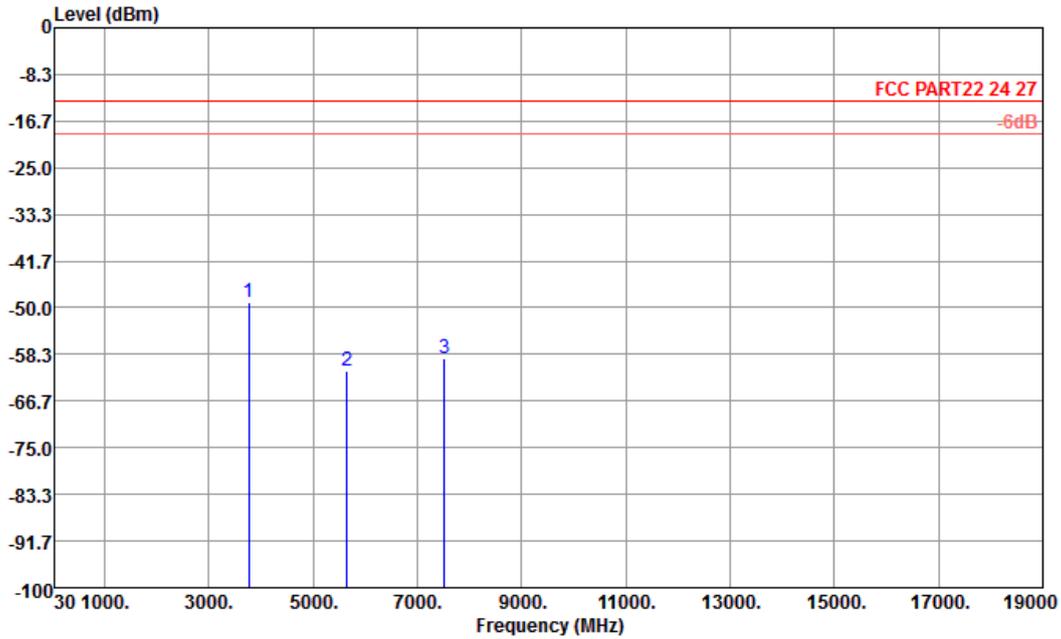
Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 HORIZONTAL

Plan : E2

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3760	-53.63	-13	-40.63	-54.77	-60.01	0.78	7.16	H	Pass
5640	-59.80	-13	-46.80	-63.98	-68.34	1.04	9.58	H	Pass
7520	-59.67	-13	-46.67	-64.80	-69.78	1.35	11.46	H	Pass



Band :	CDMA2000 BC1	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Vertical
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



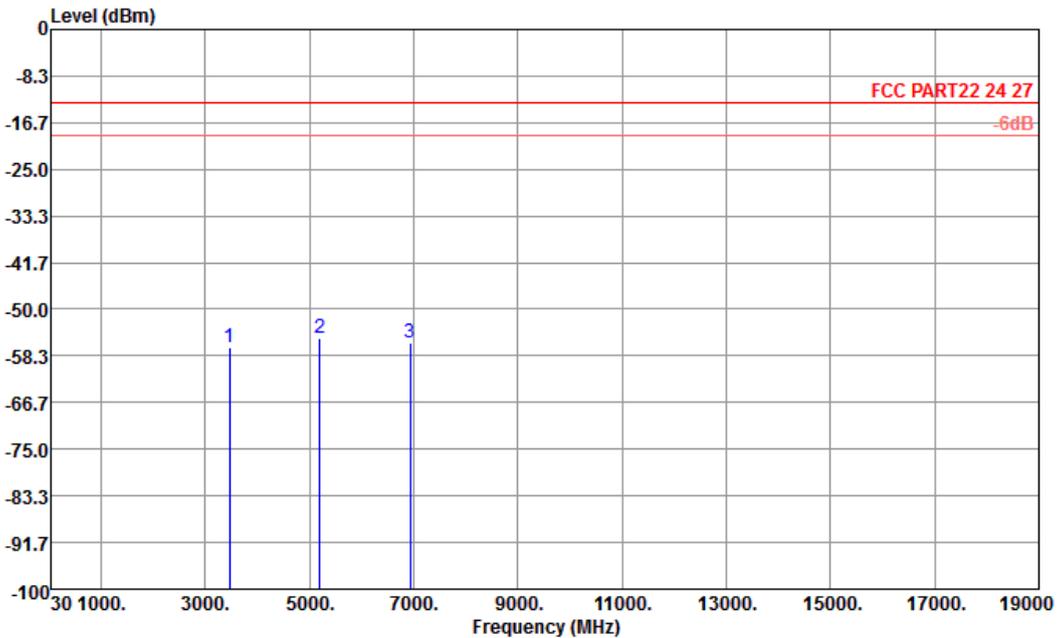
Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 VERTICAL

Plan : E2

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3760	-48.94	-13	-35.94	-53.89	-55.32	0.78	7.16	V	Pass
5640	-61.30	-13	-48.30	-64.52	-69.84	1.04	9.58	V	Pass
7520	-59.11	-13	-46.11	-63.6	-69.22	1.35	11.46	V	Pass



Band :	CDMA2000 BC15	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Horizontal
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



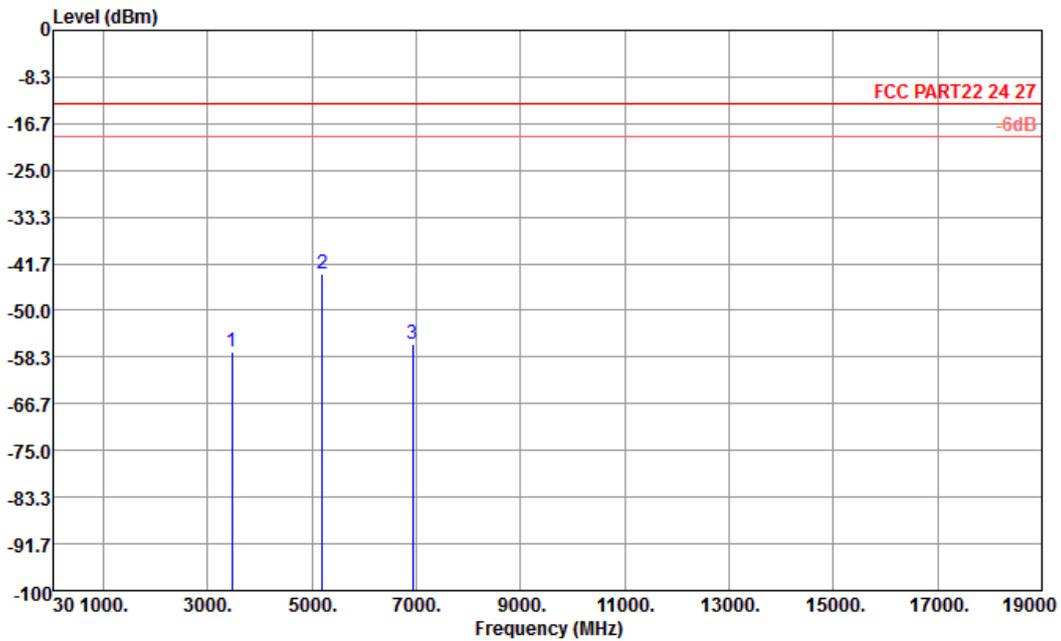
Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 HORIZONTAL

Plan : E2

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-56.79	-13	-43.79	-63.08	-38.20	1.42	7.54	H	Pass
5192	-55.19	-13	-42.19	-62.29	-68.60	1.58	9.80	H	Pass
6924	-56.05	-13	-43.05	-65.11	-67.90	1.69	11.51	H	Pass



Band :	CDMA2000 BC15	Temperature :	23~24°C
Test Mode :	1xRTT_RC1+SO55	Relative Humidity :	43~44%
Test Engineer :	Steven Hao	Polarization :	Vertical
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.		



Site : 03CH01-KS
 Condition : FCC PART22 24 27 HF EIRP FACTOR-09020 VERTICAL

Plan : E2

Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)	Result
3462	-57.38	-13	-44.38	-61.65	-43.20	1.42	7.54	V	Pass
5193	-43.39	-13	-30.39	-59.43	-70.30	1.58	9.80	V	Pass
6924	-56.05	-13	-43.05	-64.81	-64.60	1.69	11.51	V	Pass

3.8 Frequency Stability Measurement

3.8.1 Description of Frequency Stability Measurement

The frequency stability shall be measured by variation of ambient temperature and variation of primary supply voltage to ensure that the fundamental emission stays within the authorized frequency block. The frequency stability of the transmitter shall be maintained within $\pm 0.00025\%$ ($\pm 2.5\text{ppm}$) of the center frequency.

3.8.2 Measuring Instruments

See list of measuring instruments of this test report.

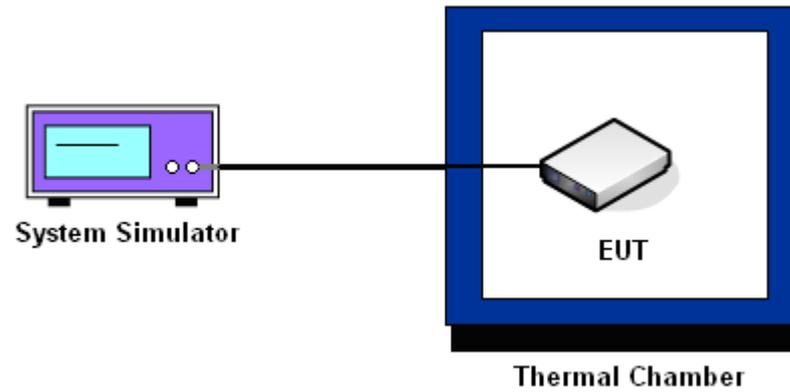
3.8.3 Test Procedures for Temperature Variation

1. The EUT was set up in the thermal chamber and connected with the base station.
2. With power OFF, the temperature was decreased to -30°C and the EUT was stabilized before testing. Power was applied and the maximum change in frequency was recorded within one minute.
3. With power OFF, the temperature was raised in 10°C step up to 50°C . The EUT was stabilized at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.
4. If the EUT cannot be turned on at -30°C , the testing lowest temperature will be raised in 10°C step until the EUT can be turned on.

3.8.4 Test Procedures for Voltage Variation

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected with the base station.
2. The power supply voltage to the EUT was varied from BEP to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

3.8.5 Test Setup





3.8.6 Test Result of Temperature Variation

Band :	CDMA2000 BC0 1xRTT_RC1+SO55	Channel :	384
Limit (ppm) :	2.5	Frequency :	836.52 MHz

Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	-8	-0.01	PASS
-20	-11	-0.01	
-10	13	0.02	
0	10	0.01	
10	5	0.01	
20	-11	-0.01	
30	-8	-0.01	
40	-13	-0.02	
50	-15	-0.02	
55	-18	-0.02	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

Band :	CDMA2000 BC1 1xRTT_RC1+SO55	Channel :	600
Limit (ppm) :	2.5	Frequency :	1880.0 MHz

Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	-15	-0.01	PASS
-20	-18	-0.01	
-10	-16	-0.01	
0	-13	-0.01	
10	17	0.01	
20	14	0.01	
30	11	0.01	
40	13	0.01	
50	17	0.01	
55	19	0.01	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.



Band :	CDMA2000 BC15 1xRTT_RC1+SO55	Channel :	425
Limit (ppm) :	2.5	Frequency :	1731.25 MHz

Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	-21	-0.01	PASS
-20	-17	-0.01	
-10	18	0.01	
0	15	0.01	
10	13	0.01	
20	11	0.01	
30	10	0.01	
40	12	0.01	
50	16	0.01	
55	18	0.01	

Note: The manufacturer declared that the EUT could work properly at temperature 55°C.

3.8.7 Test Result of Voltage Variation

Band & Channel	Mode	Voltage (Volt)	Freq. Dev. (Hz)	Deviation (ppm)	Limit (ppm)	Result
CDMA2000 BC0 CH384	1xRTT RC1+SO55	3.7	-9	-0.01	2.5	PASS
		BEP	-12	-0.01		
		4.2	-8	-0.01		
CDMA2000 BC1 CH600	1xRTT RC1+SO55	3.7	12	0.01	2.5	PASS
		BEP	16	0.01		
		4.2	16	0.01		
CDMA2000 BC15 CH425	1xRTT RC1+SO55	3.7	18	0.01	2.5	PASS
		BEP	15	0.01		
		4.2	16	0.01		

Note :

1. Normal Voltage = 3.7V.
2. Battery End Point (BEP) = 3.5 V.



4 List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Test Date	Due Date	Remark
Spectrum Analyzer	R&S	FSP40	100319	9kHz~40GHz	Dec. 30, 2011	Jun. 26, 2012~ Nov. 23, 2012	Dec. 29, 2012	Conducted (TH01-KS)
System Simulator	R&S	CMU200	837587/066	2G Full-Band	Dec. 30, 2011	Jun. 26, 2012~ Nov. 23, 2012	Dec. 29, 2012	Conducted (TH01-KS)
DC Power Supply	GWINSTEK	GPS-3030D	E1884515	N/A	Aug. 23, 2011	Jun. 26, 2012~ Jul. 17, 2012	Aug. 22, 2012	Conducted (TH01-KS)
DC Power Supply	GWINSTEK	GPS-3030D	E1884515	N/A	Aug. 22, 2012	Jun. 26, 2012~ Nov. 23, 2012	Aug. 21, 2013	Conducted (TH01-KS)
Thermal Chamber	Ten Billion	TTC-B3S	TBN-960502	N/A	Dec. 30, 2011	Jun. 26, 2012~ Nov. 23, 2012	Dec. 29, 2012	Conducted (TH01-KS)
EMI Test Receiver	R&S	ESCI	100534	9kHz~3GHz	Nov. 09, 2011	Jun. 27, 2012	Nov. 08, 2012	Radiation (03CH01-KS)
EMI Test Receiver	R&S	ESCI	100534	9kHz~3GHz	Nov. 07, 2012	Nov. 18, 2012	Nov. 06, 2013	Radiation (03CH01-KS)
Spectrum Analyzer	R&S	FSP40	100319	9kHz~40GHz	Dec. 30, 2011	Jun. 27, 2012~ Nov. 18, 2012	Dec. 29, 2012	Radiation (03CH01-KS)
Bilog Antenna	SCHAFFNER	CBL6112D	23182	25MHz~2GHz	Dec. 08, 2011	Jun. 27, 2012~ Nov. 18, 2012	Dec. 07, 2012	Radiation (03CH01-KS)
Double Ridge Horn Antenna	EMCO	3117	00075959	1GHz~18GHz	Jan. 06, 2012	Jun. 27, 2012~ Nov. 18, 2012	Jan. 05, 2013	Radiation (03CH01-KS)
Amplifier	Wireless	FPA-6592G	060007	30MHz~2GHz	Dec. 30, 2011	Jun. 27, 2012~ Nov. 18, 2012	Dec. 29, 2012	Radiation (03CH01-KS)
Amplifier	Agilent	8449B	3008A02370	1GHz~26.5GHz	Dec. 30, 2011	Jun. 27, 2012~ Nov. 18, 2012	Dec. 29, 2012	Radiation (03CH01-KS)
SHE-EHF Horn	Schwarzbeck	BBHA9170	BBHA170249	15GHz~40GHz	Oct. 11, 2011	Jun. 27, 2012	Oct. 10, 2012	Radiation (03CH01-KS)
SHF-EHF Horn	Schwarzbeck	BBHA 9170	9170249	15GHz~40GHz	Oct. 10, 2012	Nov. 18, 2012	Oct. 09, 2013	Radiation (03CH01-KS)
Loop Antenna	R&S	HFH2-Z2	860004/001	9kHz~30 MHz	Jul. 03, 2012	Jun. 27, 2012~ Nov. 18, 2012	Jul. 02, 2014	Radiation (03CH01-KS)
System Simulator	R&S	CMU200	116456	Full-Band	Sep. 20, 2011	Jun. 27, 2012	Sep. 19, 2012	Radiation (03CH01-KS)
System Simulator	R&S	CMU200	116456	Full-Band	Sep. 19, 2012	Nov. 18, 2012	Sep. 18, 2013	Radiation (03CH01-KS)



5 Uncertainty of Evaluation

Uncertainty of Radiated Emission Measurement (30 MHz ~ 1000 MHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	2.54
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Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

Measuring Uncertainty for a Level of Confidence of 95% (U = 2Uc(y))	4.72
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Appendix A. Photographs of EUT

Please refer to Sporton report number EP261903-02 as below.