

FCC Test Report

EQUIPMENT : Electronic Display Device

MODEL NUMBER : D00611 FCC ID : W2R-0610

STANDARD : 47 CFR Part 2, 22(H), 24(E)

CLASSIFICATION : PCS Licensed Transmitter worn on body (PCT)

Tx/Rx FREQUENCY RANGE : CDMA2000 Cellular :

824.7 ~ 848.31 MHz / 869.7 ~ 893.31 MHz

CDMA2000 PCS:

1851.25 ~ 1908.75 MHz / 1931.25 ~ 1988.75 MHz

MAX. ERP/EIRP POWER : CDMA2000 Cellular :

0.12 W (1xRTT) / 0.22 W (1xEVDO Rev.A)

CDMA2000 PCS:

0.48 W (1xRTT) / CDMA2000 PCS (1XEVDO REV.A) :

0.56 W (1xEVDO Rev.A)

EMISSION DESIGNATOR : 1M28F9W APPLICANT : Chaffin LLC

14 Bradley Drive, Wilmington, DE 19801

The product sample received on Nov. 15, 2008 and completely tested on Nov. 22, 2008. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.4-2003 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 INC., the test report shall not be reproduced except in full.

Reviewed by: Roy Wu / Manager





Report No.: FG920616

SPORTON INTERNATIONAL INC.

No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 1 of 54

Report Issued Date : Feb. 12, 2009

Report Version : Rev. 01

TABLE OF CONTENTS

RE	REVISION HISTORY					
su	UMMARY OF TEST RESULT	4				
1	GENERAL DESCRIPTION	5				
	 1.1 Applicant	5 6 6				
2	TEST CONFIGURATION OF EQUIPMENT UNDER TEST	7				
	Z.1 Test Mode Connection Diagram of Test System	7				
3	TEST RESULT	8				
	 3.1 Conducted Output Power Measurement	11 14 44				
4	LIST OF MEASURING EQUIPMENT	52				
5	UNCERTAINTY OF EVALUATION	53				
6	CERTIFICATION OF TAF ACCREDITATION	54				

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610



REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG920616	Rev. 01	Initial issue of report	Feb. 12, 2009

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 3 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



SUMMARY OF TEST RESULT

Report Section	FCC Rule	IC Rule	Description	Limit	Result
3.1	§2.1046	N/A	Conducted Output Power	N/A	Pass
3.2	§22.913(a)(2)	RSS-132(4.4) SRSP-503(5.1.3)	Effective Radiated Power	< 7 Watts for FCC (<6.3 Watts for IC)	Pass
3.2	§24.232(c)	RSS-133 (6.4) SRSP-510(5.1.2)	Equivalent Isotropic Radiated Power < 2 Watts		Pass
3.3	§2.1049 §22.917(a) §24.238(a)	N/A	Occupied Bandwidth	N/A	Pass
3.3	§2.1051 §22.917(a) §24.238(a)	RSS-132 (4.5.1) RSS-133 (6.5.1)	Band Edge Measurement	< 43+10log ₁₀ (P[Watts])	Pass
3.4	§2.1053 §22.917(a) §24.238(a)	RSS-132 (4.5.1) RSS-133 (6.5.1)	Field Strength of Spurious Radiation	< 43+10log ₁₀ (P[Watts])	Pass
3.5	§2.1055 §22.355 §24.235	RSS-132(4.3) RSS-133(6.3)	Frequency Stability for Temperature & Voltage	< 2.5 ppm	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 4 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

General Description 1

1.1 Applicant

Chaffin LLC

14 Bradley Drive, Wilmington, DE 19801

1.2 Feature of Equipment Under Test

Product Feature & Specification							
Equipment	Electronic Display Device						
Model Number	D00611						
Tx Frequency	CDMA2000 Cellular : 824 MHz ~ 849 MHz						
TX Trequency	CDMA2000 PCS : 1850 MHz ~ 1910 MHz						
Rx Frequency	CDMA2000 Cellular : 869 MHz ~ 894 MHz						
IXX I requeitcy	CDMA2000 PCS : 1930 MHz ~ 1990 MHz						
	CDMA2000 Cellular (1xRTT) : 24.52 dBm						
	CDMA2000 Cellular (1xEVDO Rev.0) : 24.36 dBm						
Maximum Output Power to Antenna	CDMA2000 Cellular (1xEVDO Rev.A) : 24.44 dBm						
Maximum Output I ower to Antenna	CDMA2000 PCS (1xRTT) : 23.75 dBm						
	CDMA2000 PCS (1xEVDO Rev.0) : 23.86 dBm						
	CDMA2000 PCS (1xEVDO Rev.A) : 23.98 dBm						
	CDMA2000 Cellular (1xRTT) : 0.12 W (20.76 dBm)						
Maximum ERP/EIRP	CDMA2000 Cellular (1xEVDO Rev.A) : 0.22 W (23.38 dBm)						
Maximum ERF/EIRF	CDMA2000 PCS (1xRTT) : 0.48 W (26.79 dBm)						
	CDMA2000 PCS (1xEVDO Rev.A) : 0.56 W (27.50 dBm)						
Antenna Type	Fixed Internal with gain 0.5 dBi						
Type of Modulation	QPSK						
Type of Emission	1M28F9W						
EUT Stage	Production Unit						

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

Page Number : 5 of 54 Report Issued Date: Feb. 12, 2009 Report Version

Report No.: FG920616

: Rev. 01

1.3 Testing Site

Test Site	SPORTON INTERNATIONAL INC.				
	No. 52, Hwa Ya 1 st Rd., Hwa Ya Technology Park,				
Took Cita Lagation	Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.				
Test Site Location	TEL: +886-3-327-3456				
	FAX: +886-3-328-4978				
Test Site No.	Sporton	Site No.	FCC/IC Registration No.		
lest site NO.	TH02-HY	03CH07-HY	TW1022/4086B-1		

Report No.: FG920616

1.4 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)
- ANSI C63.4-2003
- ANSI / TIA / EIA-603-C-2004
- IC RSS-132, RSS-133

Remark:

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

1.5 Ancillary Equipment List

lt	tem	Equipment	Trade Name	Model No.	FCC ID	Data Cable	Power Code
1		System Simulator	Agilent	E5515C	N/A	N/A	Unshielded, 1.8m

 SPORTON INTERNATIONAL INC.
 Page Number
 : 6 of 54

 TEL: 886-3-327-3456
 Report Issued Date
 : Feb. 12, 2009

 FAX: 886-3-328-4978
 Report Version
 : Rev. 01

FCC ID: W2R-0610



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.

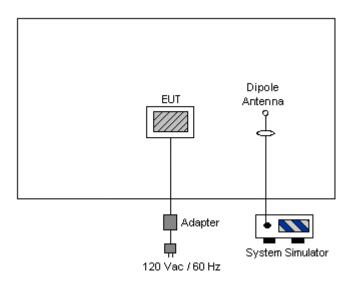
Frequency range investigated for radiated emission is as follows:

- 1. 30 MHz to 9000 MHz for CDMA2000 Cellular
- 30MHz to 19000 MHz for CDMA2000 PCS.

Test Modes						
Band	Radiated TCs	Conducted TCs				
	■ 1xRTT Link	■ 1xRTT Link				
CDMA2000 Cellular		■ 1xEVDO (Rev.0) Link				
		■ 1xEVDO (Rev.A) Link				
	■ 1xEVDO (Rev.A) Link	■ 1xRTT Link				
CDMA2000 PCS		■ 1xEVDO (Rev.0) Link				
		■ 1xEVDO (Rev.A) Link				

Note: The test mode of RSE was chosen from maximum RF output power.

2.2 Connection Diagram of Test System



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 7 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



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.

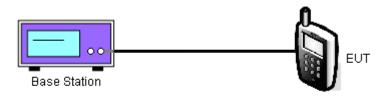
3.1.2 Measuring Instruments

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.

3.1.4 Test Setup



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 8 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.1.5 Test Result of Conducted Output Power

Cellular Band							
Mo	odes	Channel	Frequency		ed Power		
	1		(MHz)	(dBm)	(Watts)		
		1013	824.70 (Low)	23.93	0.25		
	RC1+SO55	384	836.52 (Mid)	23.88	0.24		
		777	848.31 (High)	24.52	0.28		
CDMA2000		1013	824.70 (Low)	23.89	0.24		
1xRTT	RC3+SO55	384	836.52 (Mid)	23.86	0.24		
IXICIT		777	848.31 (High)	24.47	0.28		
		1013	824.70 (Low)	23.88	0.24		
	RC3+SO32	384	836.52 (Mid)	23.86	0.24		
		777	848.31 (High)	24.47	0.28		
		1013	824.70 (Low)	23.40	0.22		
	RTAP 9.6Kbps	384	836.52 (Mid)	23.54	0.23		
		777	848.31 (High)	24.04	0.25		
000440000	RTAP 38.4Kbps	1013	824.70 (Low)	23.56	0.23		
CDMA2000 1xEVDO (Rev.0)		384	836.52 (Mid)	23.73	0.24		
IXEVDO (Rev.u)		777	848.31 (High)	24.13	0.26		
	RTAP 153.6Kbps	1013	824.70 (Low)	23.66	0.23		
		384	836.52 (Mid)	23.89	0.24		
		777	848.31 (High)	24.36	0.27		
		1013	824.70 (Low)	23.05	0.20		
	RETAP 128Kbps	384	836.52 (Mid)	23.24	0.21		
		777	848.31 (High)	23.62	0.23		
000000		1013	824.70 (Low)	23.59	0.23		
CDMA2000 1xEVDO (Rev.A)	RETAP 2048Kbps	384	836.52 (Mid)	23.77	0.24		
IXEVDO (Rev.A)		777	848.31 (High)	24.12	0.26		
		1013	824.70 (Low)	23.94	0.25		
	RETAP 12288Kbps	384	836.52 (Mid)	24.06	0.25		
		777	848.31 (High)	24.44	0.28		

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 9 of 54

Report Issued Date : Feb. 12, 2009

Report Version : Rev. 01

PCS Band Conducted Power Frequency Modes Channel (MHz) (dBm) (Watts) 1851.25 (Low) 23.66 0.23 25 RC1+SO55 0.23 600 1880.00 (Mid) 23.56 1175 1908.75 (High) 23.50 0.22 25 0.24 1851.25 (Low) 23.75 CDMA2000 RC3+SO55 600 23.61 0.23 1880.00 (Mid) 1xRTT 1175 1908.75 (High) 23.55 0.23 25 1851.25 (Low) 23.72 0.24 RC3+SO32 600 1880.00 (Mid) 23.56 0.23 1175 23.52 0.22 1908.75 (High) 25 1851.25 (Low) 23.55 0.23 RTAP 9.6Kbps 600 1880.00 (Mid) 23.52 0.22 1175 1908.75 (High) 23.48 0.22 25 1851.25 (Low) 23.65 0.23 CDMA2000 RTAP 38.4Kbps 600 1880.00 (Mid) 23.63 0.23 1xEVDO (Rev.0) 1175 1908.75 (High) 23.60 0.23 0.24 25 1851.25 (Low) 23.86 RTAP 153.6Kbps 600 1880.00 (Mid) 23.85 0.24 1175 0.24 1908.75 (High) 23.80 1851.25 (Low) 0.21 25 23.15 0.20 RETAP 128Kbps 600 1880.00 (Mid) 23.11 1175 1908.75 (High) 23.07 0.20 25 1851.25 (Low) 23.65 0.23 CDMA2000 RETAP 2048Kbps 600 1880.00 (Mid) 23.69 0.23 1xEVDO (Rev.A) 1175 1908.75 (High) 23.62 0.23 25 1851.25 (Low) 23.98 0.25 RETAP 12288Kbps 1880.00 (Mid) 600 23.94 0.25 1175 1908.75 (High) 23.83 0.24

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 10 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



3.2 Effective Radiated Power and Effective Isotropic Radiated Power Measurement

3.2.1 Description of the ERP/EIRP Measurement

ERP/EIRP is measured by substitution method according to

ANSI / TIA / EIA-603-C-2004. The ERP of mobile transmitters must not exceed 7 Watts and the EIRP of mobile transmitters are limited to 2 Watts.

3.2.2 Measuring Instruments

See list of measuring instruments of this test report.

3.2.3 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 = Ps + Et Es + Gs = Ps + Rt Rs + Gs

Ps (dBm): Input power to substitution antenna.

Gs (dBi or dBd): Substitution antenna Gain.

Et = Rt + AF

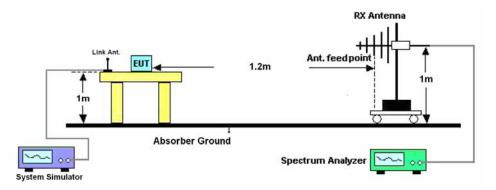
Es = Rs + AF

AF (dB/m): Receive antenna factor

Rt: The highest received signal in spectrum analyzer for EUT.

Rs: The highest received signal in spectrum analyzer for substitution antenna.

3.2.4 Test Setup



TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 11 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.2.5 Test Result of ERP

CDMA2000 Cellular 1xRTT RC1+SO55 Radiated Power ERP									
	Horizontal Polarization								
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)			
824.70	-26.56	-48.12	0.00	-1.08	20.48	0.11			
836.52	-26.85	-48.28	0.00	-0.93	20.50	0.11			
848.31	-27.16	-48.35	0.00	-0.76	20.43	0.11			
	Vertical Polarization								

000.02	20.00	10.20	0.00	0.00	20.00	0.11
848.31	-27.16	-48.35	0.00	-0.76	20.43	0.11
		Ve	ertical Polarizati	on		
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBd)	ERP (dBm)	ERP (W)
824.70	-26.42	-47.97	0.00	-1.08	20.47	0.11
836.52	-26.51	-48.01	0.00	-0.93	20.57	0.11
848.31	-26.53	-48.05	0.00	-0.76	20.76	0.12

	CDMA2000 Cellular 1xEVDO RETAP 12288Kbps Radiated Power ERP							
		Hoi	rizontal Polariza	tion				
Frequency	Rt	Rs	Ps	Gs	ERP	ERP		
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)		
824.70	-25.20	-48.12	0.00	-1.08	21.84	0.15		
836.52	-25.88	-48.28	0.00	-0.93	21.47	0.14		
848.31	-26.91	-48.35	0.00	-0.76	20.68	0.12		
		Ve	ertical Polarizati	on				
Frequency	Rt	Rs	Ps	Gs	ERP	ERP		
(MHz)	(dBm)	(dBm)	(dBm)	(dBd)	(dBm)	(W)		
824.70	-23.51	-47.97	0.00	-1.08	23.38	0.22		
836.52	-23.97	-48.01	0.00	-0.93	23.11	0.20		
848.31	-24.67	-48.05	0.00	-0.76	22.62	0.18		

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 12 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.2.6 Test Result of EIRP

	CDMA2000 PCS 1xRTT RC3+SO55 Radiated Power EIRP							
		Hoi	rizontal Polariza	tion				
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)		
1851.25	-28.19	-51.88	0.00	1.96	25.65	0.37		
1880.00	-29.36	-52.99	0.00	2.00	25.63	0.37		
1908.75	-31.16	-54.28	0.00	1.98	25.10	0.32		
		Ve	ertical Polarizati	on				
Frequency (MHz)	Rt (dBm)	Rs (dBm)	Ps (dBm)	Gs (dBi)	EIRP (dBm)	EIRP (W)		
1851.25	-27.61	-52.13	0.00	1.96	26.48	0.44		
1880.00	-28.38	-53.17	0.00	2.00	26.79	0.48		
1908.75	-29.61	-54.13	0.00	1.98	26.50	0.45		

	CDMA2000 PCS 1xEVDO RETAP 12288Kbps Radiated Power EIRP						
	Horizontal Polarization						
Frequency	Rt	Rs	Ps	Gs	EIRP	EIRP	
(MHz)	(dBm)	(dBm)	(dBm)	(dBi)	(dBm)	(W)	
1851.25	-26.50	-51.88	0.00	1.96	27.34	0.54	
1880.00	-27.49	-52.99	0.00	2.00	27.50	0.56	
1908.75	-29.31	-54.28	0.00	1.98	26.95	0.50	
	Vertical Polarization						
Frequency	Rt	Rs	Ps	Gs	EIRP	EIRP	
(MHz)	(dBm)	(dBm)	(dBm)	(dBi)	(dBm)	(W)	
1851.25	-27.89	-52.13	0.00	1.96	26.20	0.42	
1880.00	-28.46	-53.17	0.00	2.00	26.71	0.47	
1908.75	-29.45	-54.13	0.00	1.98	26.66	0.46	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 13 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



3.3 Occupied Bandwidth and Band Edge Measurement

3.3.1 Description of Occupied Bandwidth and 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.

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.

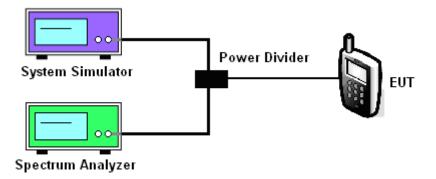
3.3.2 Measuring Instruments

See list of measuring instruments of this test report.

3.3.3 Test Procedures

- 1. The EUT was connected to Spectrum Analyzer and Base Station via power divider.
- 2. The 99% and 26 dB occupied bandwidth (BW) of the low, middle and high channels for the highest RF powers were measured.
- 3. The band edges of low and high channels for the highest RF powers were measured. Setting RBW as roughly BW/100.
- The RBW was replaced by 10 kHz, due to the spectrum analyzer IF-Filter including an excess
 of the limit. A worst case correction factor of 10 log (1% BW/measurement RBW) was
 implemented.

3.3.4 Test Setup



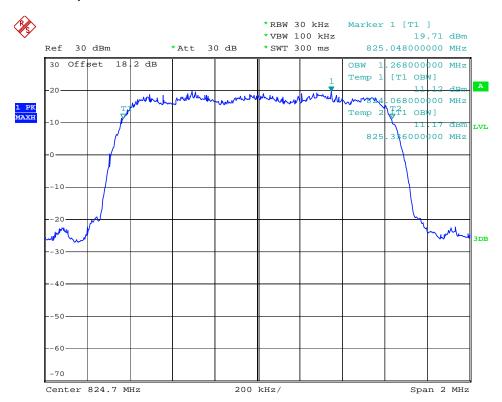
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 14 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.3.5 Test Result (Plots) of Occupied Bandwidth

Band:	CDMA2000 Cellular	Power Stage :	High
Test Mode :	1xRTT RC1+SO55		

99% Occupied Bandwidth Plot on Channel 1013

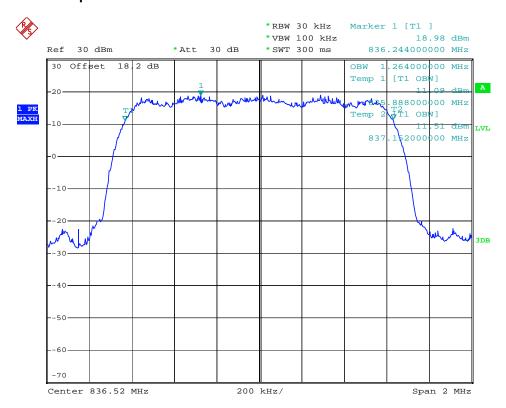


Date: 15.NOV.2008 15:13:55

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 15 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



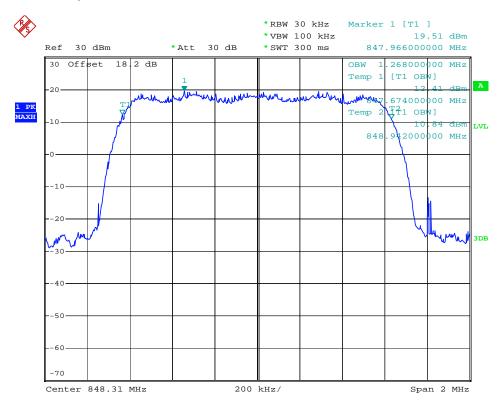
99% Occupied Bandwidth Plot on Channel 384



Date: 15.NOV.2008 15:14:31

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 16 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

99% Occupied Bandwidth Plot on Channel 777

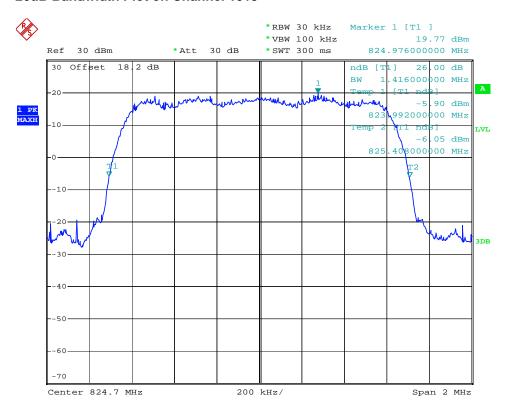


Date: 15.NOV.2008 15:13:17

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 17 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 1013

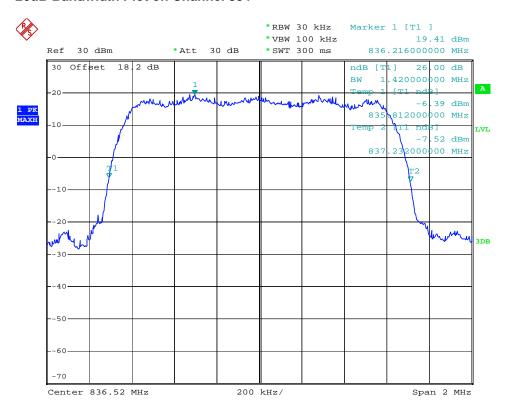


Date: 15.NOV.2008 15:11:36

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 18 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 384

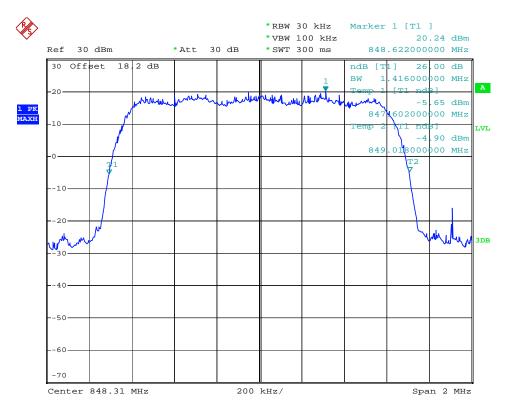


Date: 15.NOV.2008 15:12:18

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 19 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 777



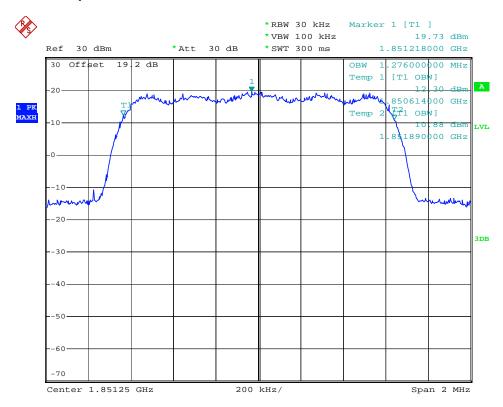
Date: 15.NOV.2008 15:12:43

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 20 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

 Band :
 CDMA2000 PCS
 Power Stage :
 High

 Test Mode :
 1xEVDO (Rev.A) RETAP 12288
 High

99% Occupied Bandwidth Plot on Channel 25

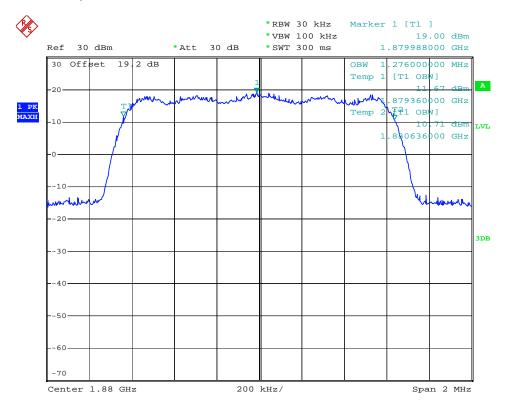


Date: 17.NOV.2008 10:43:39

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 21 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



99% Occupied Bandwidth Plot on Channel 600



Date: 17.NOV.2008 10:42:14

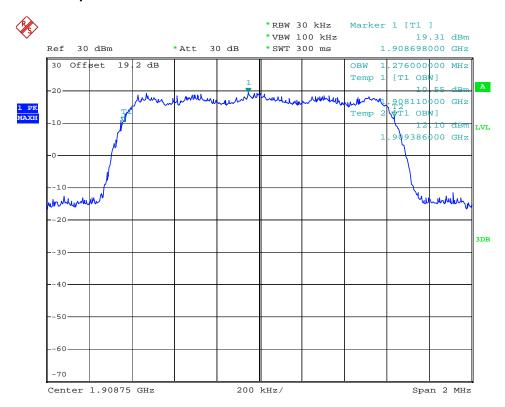
TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

Page Number : 22 of 54 Report Issued Date: Feb. 12, 2009 : Rev. 01 Report Version



Port Report No. : FG920616

99% Occupied Bandwidth Plot on Channel 1175

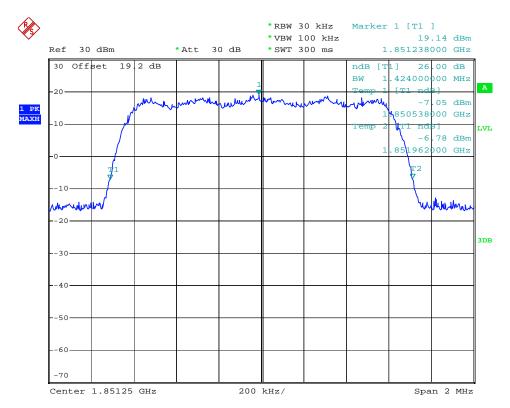


Date: 17.NOV.2008 10:44:17

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 23 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 25

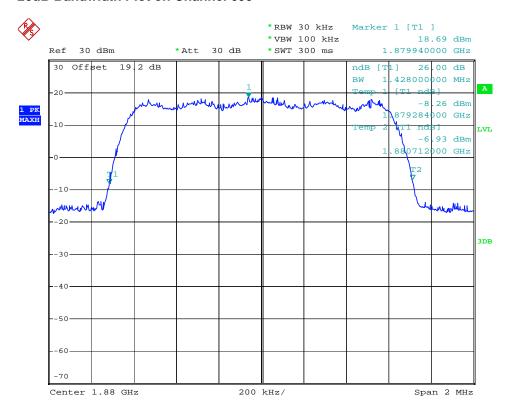


Date: 17.NOV.2008 10:38:28

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 24 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 600

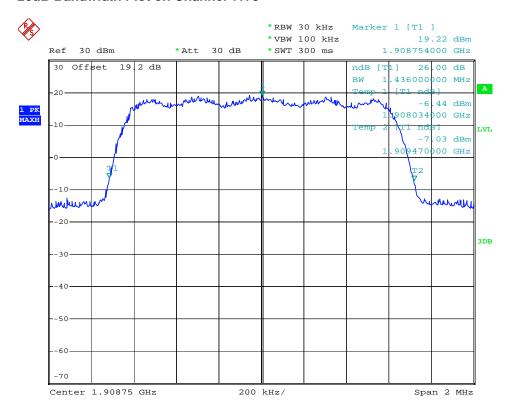


Date: 17.NOV.2008 10:38:54

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 25 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



26dB Bandwidth Plot on Channel 1175



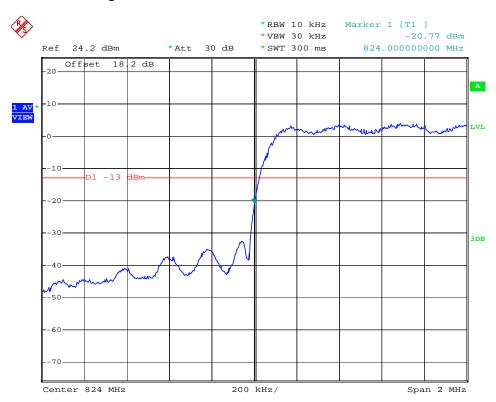
Date: 17.NOV.2008 10:37:58

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 26 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.3.6 Test Result (Plots) of Conducted Band Edges

Band:	CDMA2000 Cellular	Power Stage :	High
Test Mode :	1xRTT RC1+SO55		

Lower Band Edge Plot on Channel 1013

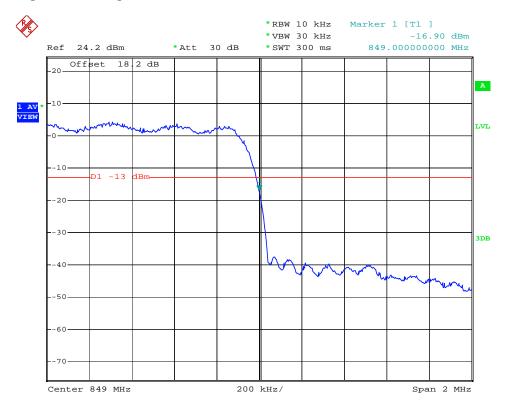


Date: 15.NOV.2008 15:48:49

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 27 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 777



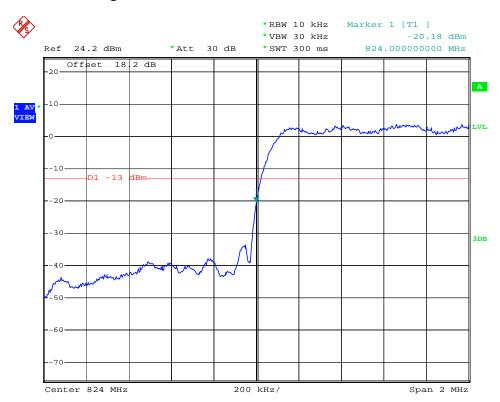
Date: 15.NOV.2008 15:28:15

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 28 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

Band: CDMA2000 Cellular Power Stage: High

Test Mode: 1xRTT RC3+SO55

Lower Band Edge Plot on Channel 1013

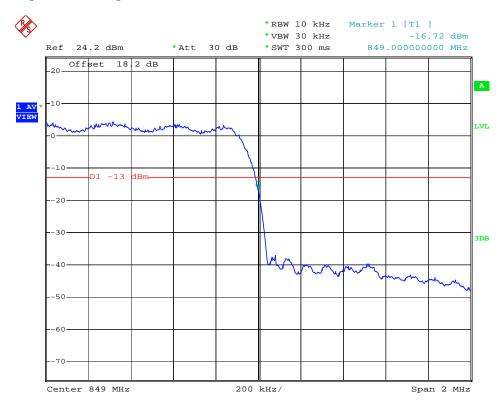


Date: 15.NOV.2008 15:47:56

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 29 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 777



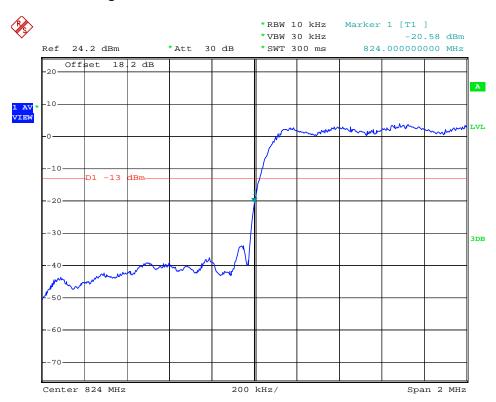
Date: 15.NOV.2008 15:29:57

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 30 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

Band: CDMA2000 Cellular Power Stage: High

Test Mode: 1xRTT RC3+SO32

Lower Band Edge Plot on Channel 1013

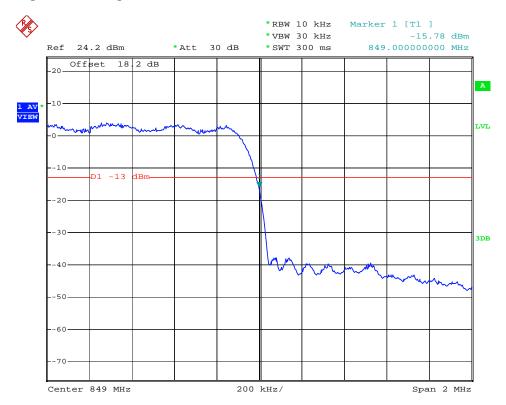


Date: 15.NOV.2008 15:23:14

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 31 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 777



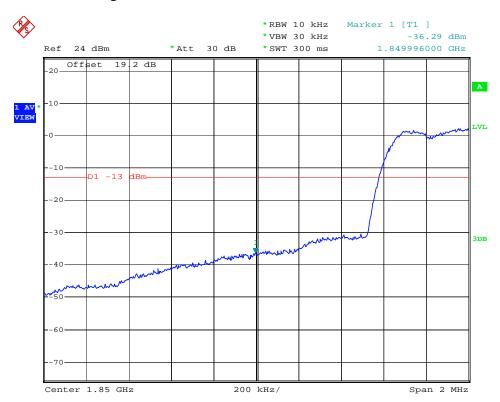
Date: 15.NOV.2008 15:25:39

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 32 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

 Band :
 CDMA2000 PCS
 Power Stage :
 High

 Test Mode :
 1xEVDO (Rev.A) RETAP 128
 High

Lower Band Edge Plot on Channel 25

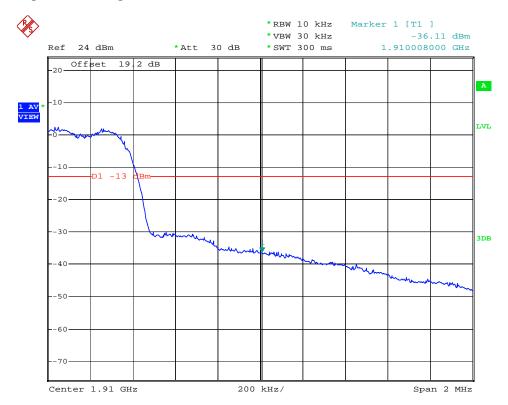


Date: 17.NOV.2008 10:50:32

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 33 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 1175

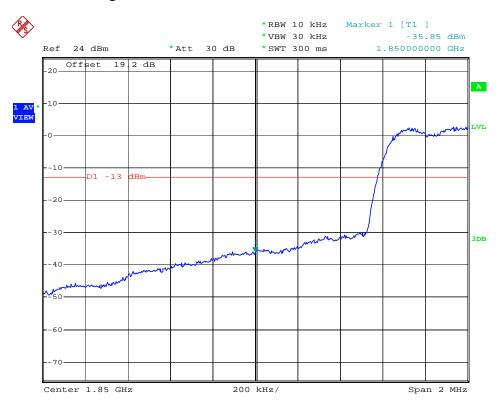


Date: 17.NOV.2008 10:58:34

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 34 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

Band:	CDMA2000 PCS	Power Stage :	High
Test Mode :	1xEVDO (Rev.A) RETAP 2048		

Lower Band Edge Plot on Channel 25

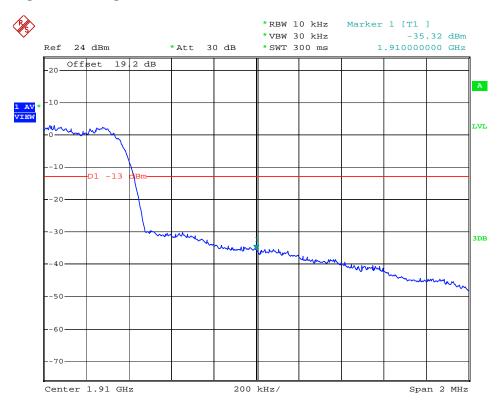


Date: 17.NOV.2008 10:51:19

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 35 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 1175



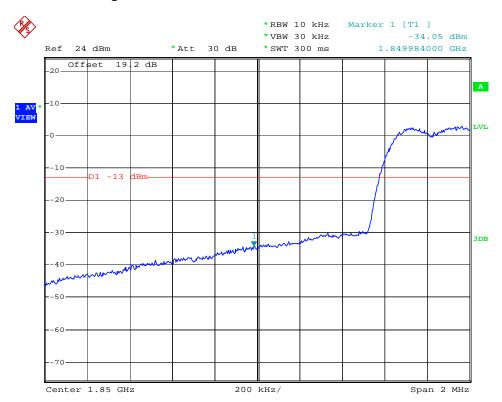
Date: 17.NOV.2008 10:57:43

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 36 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

Band: CDMA2000 PCS Power Stage: High

Test Mode: 1xEVDO (Rev.A) RETAP 12288

Lower Band Edge Plot on Channel 25

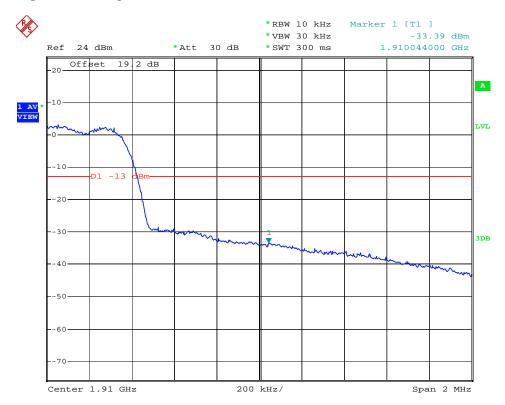


Date: 17.NOV.2008 10:52:15

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 37 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Higher Band Edge Plot on Channel 1175



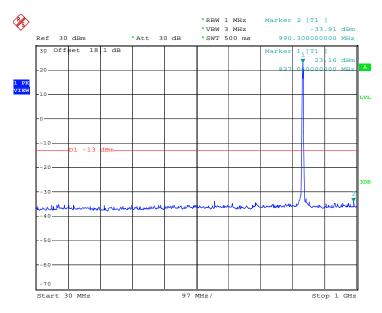
Date: 17.NOV.2008 10:56:58

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 38 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



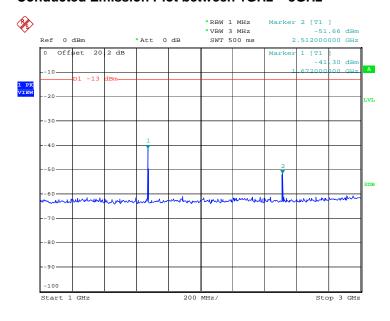
Band:	CDMA2000 Cellular	Channel:	CH384
Test Mode :	1xRTT RC1+SO55		

Conducted Emission Plot between 30M-1G



Date: 15.NOV.2008 15:57:56

Conducted Emission Plot between 1GHz ~ 3GHz



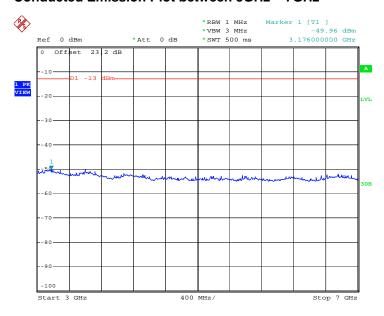
Date: 15.NOV.2008 16:00:29

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 39 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

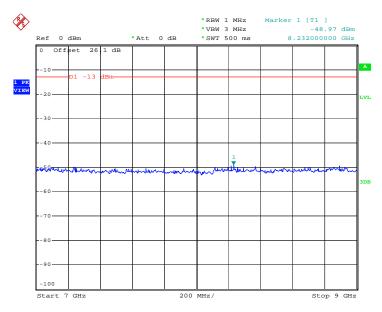


Conducted Emission Plot between 3GHz ~ 7GHz



Date: 15.NOV.2008 16:08:08

Conducted Emission Plot between 7GHz ~ 9GHz



Date: 15.NOV.2008 16:08:55

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

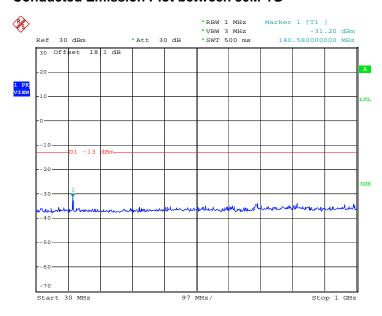
Page Number : 40 of 54 Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01



Band: CDMA2000 PCS Channel: CH600

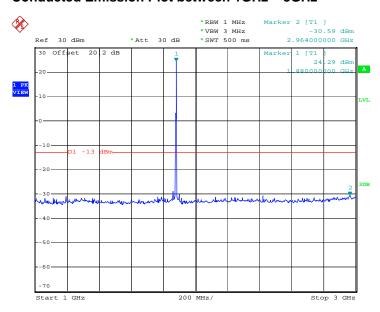
Test Mode: 1xEVDO (Rev.A) RETAP 12288

Conducted Emission Plot between 30M-1G



Date: 17.Nov.2008 10:02:58

Conducted Emission Plot between 1GHz ~ 3GHz



Date: 17.NOV.2008 10:05:29

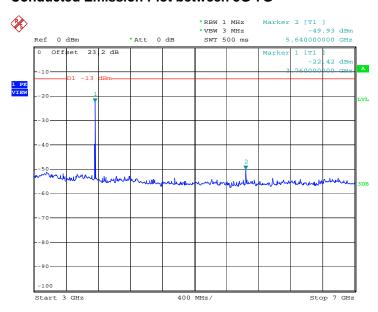
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 41 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



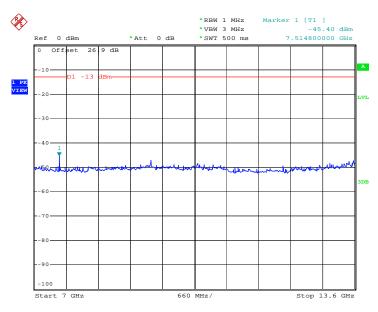
eport Report No.: FG920616

Conducted Emission Plot between 3G-7G



Date: 17.NOV.2008 10:07:42

Conducted Emission Plot between 7G-13.6G

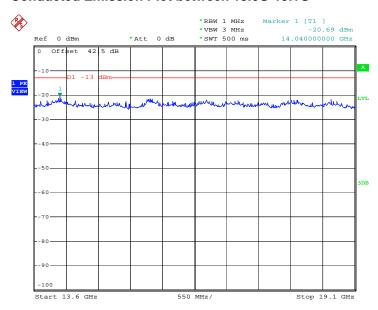


Date: 17.NOV.2008 10:08:34

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 42 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



Conducted Emission Plot between 13.6G-19.1G



Date: 17.NOV.2008 10:09:52

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 43 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



3.4 Field Strength of Spurious Radiation Measurement

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.

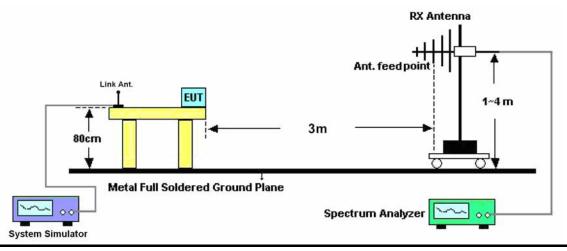
3.4.2 **Measuring Instruments**

See list of measuring instruments of this test report.

3.4.3 **Test Procedures**

- The EUT was placed on a rotatable wooden table with 0.8 meter about ground.
- 2. The EUT was set 3 meters from the receiving antenna, which was mounted on the antenna
- 3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
- 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.
- Taking the record of maximum spurious emission. 5.
- 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.
- Emission level (dBm) = output power + substitution Gain.

3.4.4 Test Setup



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

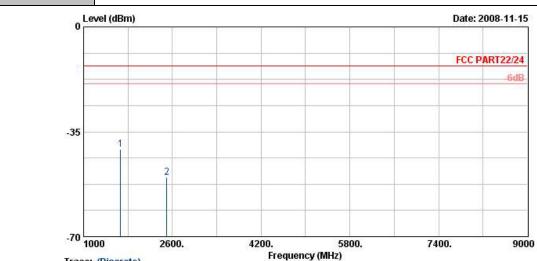
Page Number : 44 of 54 Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01



FCC Test Report **Report No.: FG920616**

3.4.5 Test Result of Field Strength of Spurious Radiated

Band :	CDMA2000 Cellular	Temperature :	23~24°C			
Test Mode :	1xRTT RC1+SO55	Relative Humidity :	43~44%			
Test Engineer :	Sun Wang	Polarization :	Horizontal			
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.					



Trace: (Discrete)
Site : 03CH07-HY
Condition : HF-EIRP(080306) HORIZONTAL

Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1666	-40.77	-13	-27.77	-48.64	-39.78	3.39	4.55	Н	Pass
2497	-50.32	-13	-37.32	-56.94	-50.38	3.71	5.92	Н	Pass

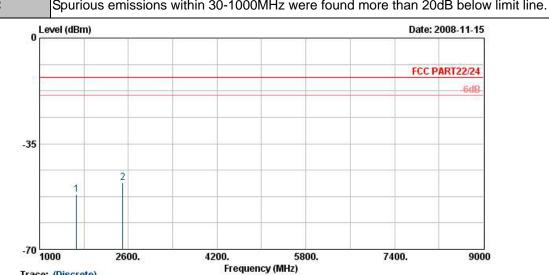
SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

Page Number : 45 of 54 Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01

FCC Test Report No.: FG920616

Band :	CDMA2000 Cellular	Temperature :	23~24°C			
Test Mode :	1xRTT RC1+SO55	Relative Humidity :	43~44%			
Test Engineer :	Sun Wang	Polarization :	Vertical			
Remark ·	Spurious emissions within 30-1000MHz were found more than 20dB below limit line					



Trace: (Discrete)
Site : 03CH07-HY
Condition : HF-EIRP(080306) VERTICAL

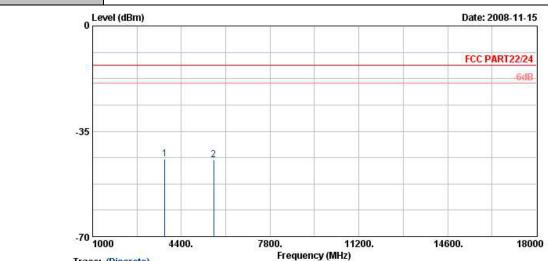
Frequency	ERP	Limit	Over	SPA	S.G.	TX Cable	TX Antenna	Polarization	Result
			Limit	Reading	Power	loss	Gain		
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
1666	-51.87	-13	-38.87	-56.35	-50.49	3.39	4.16	V	Pass
2497	-47.88	-13	-34.88	-57.57	-47.74	3.71	5.72	V	Pass

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 46 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

FCC Test Report **Report No.: FG920616**

Band :	CDMA2000 PCS	Temperature :	23~24°C		
Took Mode .	1xEVDO (Rev.A)	Relative Humidity: 43~44%			
Test Mode :	RETAP 12288	Relative numbers:	43~44%		
Test Engineer :	Sun Wang	Polarization :	Horizontal		
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.				



Trace: (Discrete)
Site : 03CH07-HY
Condition : HF-EIRP(080306) HORIZONTAL

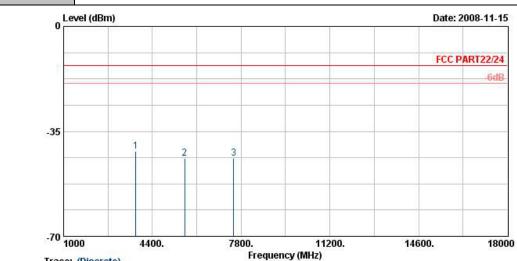
Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-44.27	-13	-31.27	-58.76	-47.64	4.03	7.40	Н	Pass
5636	-44.37	-13	-31.37	-63.29	-49.31	3.87	8.81	Н	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

Page Number : 47 of 54 Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01

FCC Test Report **Report No.: FG920616**

Band :	CDMA2000 PCS	Temperature :	23~24°C		
Took Mode .	1xEVDO (Rev.A)	Relative Humidity :	42 440/		
Test Mode :	RETAP 12288	Relative numbers:	43~44%		
Test Engineer :	Sun Wang	Polarization :	Vertical		
Remark :	Spurious emissions within 30-1000MHz were found more than 20dB below limit line.				



Trace: (Discrete)
Site : 03CH07-HY
Condition : HF-EIRP(080306) VERTICAL

Frequency	ERP	Limit	Over Limit	SPA Reading	S.G. Power	TX Cable loss	TX Antenna Gain	Polarization	Result
(MHz)	(dBm)	(dBm)	(dB)	(dBm)	(dBm)	(dB)	(dBi)	(H/V)	
3760	-41.52	-13	-28.52	-58.64	-45.4	4.03	7.91	V	Pass
5636	-43.95	-13	-30.95	-64.28	-49.85	3.87	9.77	V	Pass
7520	-43.89	-13	-30.89	-65.36	-48.87	5.83	10.81	V	Pass

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

: 48 of 54 Page Number Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01



3.5 Frequency Stability Measurement

3.5.1 **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 ±0.00025% (±2.5ppm) of the center frequency.

3.5.2 Measuring Instruments

See list of measuring instruments of this test report.

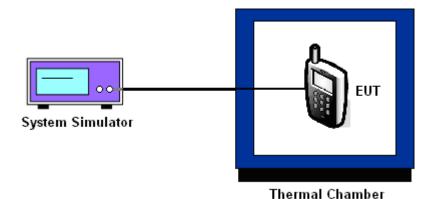
3.5.3 **Test Procedures for Temperature Variation**

- 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 for three hours. Power was applied and the maximum change in frequency was recorded within one
- With power OFF, the temperature was raised in 10°C step up to 50°C. The EUT was stabilized 3. at each step for at least half an hour. Power was applied and the maximum frequency change was recorded within one minute.
- If the EUT can not be turned on at -30°C, the testing lowest temperature will be raised in 10°C 4. step until the EUT can be turned on.

3.5.4 **Test Procedures for Voltage Variation**

- 1. The EUT was placed in a temperature chamber at 25±5° C and connected with the base
- The power supply voltage to the EUT was varied from BEP to 115% of the nominal value 2. measured at the input to the EUT.
- The variation in frequency was measured for the worst case.

3.5.5 **Test Setup**



SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610

: 49 of 54 Page Number Report Issued Date: Feb. 12, 2009 Report Version : Rev. 01

3.5.6 Test Result of Temperature Variation

Band :	CDMA2000 Cellular	Channel:	384
Test Mode:	1xRTT RC1+SO55	Limit (ppm):	2.5

Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	28	0.03	
-20	26	0.03	
-10	-17	-0.02	
0	32	0.04	
10	-21	-0.02	PASS
20	17	0.02	
30	26	0.03	
40	-17	-0.02	
50	19	0.02	

Band :	CDMA2000 PCS	Channel:	600
Test Mode :	1xEVDO (Rev.A) RETAP 12288	Limit (ppm):	2.5

Temperature (°C)	Freq. Dev. (Hz)	Deviation (ppm)	Result
-30	26	0.01	
-20	-34	-0.02	
-10	21	0.01	
0	27	0.01	
10	-25	-0.01	PASS
20	18	0.01	
30	19	0.01	
40	23	0.01	
50	27	0.01	

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 50 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

3.5.7 Test Result of Voltage Variation

Band & Channel	Mode	Voltage (Volt)	Freq. Dev. (Hz)	Deviation (ppm)	Limit (ppm)	Result
Cellular CH384	1xRTT RC1+SO55	3.7	-31	-0.04	2.5	PASS
		BEP	-27	-0.03		
		4.2	13	0.02		
PCS CH600	1xEVDO (Rev.A) RETAP 12288	3.7	-29	-0.02		
		BEP	-25	-0.01		
		4.2	24	0.1		

Remark:

- 1. Normal Voltage = 3.7V.
- 2. Battery End Point (BEP) = 3.1 V.

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 51 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

4 List of Measuring Equipment

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
System Simulator	R&S	CMU200	105934	N/A	Nov. 08, 2008	Nov. 07, 2009	Conducted (TH02-HY)
Spectrum Analyzer	R&S	FSP40	100055	9kHz~40GHz	Jun. 26, 2008	Jun. 25, 2009	Conducted (TH02-HY)
Thermal Chamber	Ten Billion	TTH-D35P	TBN-930701	N/A	Aug. 01, 2008	Jul. 31, 2009	Conducted (TH02-HY)
Bilog Antenna	SCHAFFNER	CBL6111C	2726	30MHz~1GHz	Nov. 20, 2008	Nov. 19, 2009	Radiation (03CH07-HY)
Spectrum Analyzer	R&S	FSP	101067	9kHz~30GHz	Dec. 02, 2008	Dec. 01, 2009	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	75962	1G~18GHz	Aug. 13, 2008	Aug. 12. 2009	Radiation (03CH07-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G~26.5GHz	Dec. 17, 2008	Dec. 16, 2009	Radiation (03CH07-HY)
Pre Amplifier	COM-POWER	PA-103A	161241	10~1000MHz. 32dB.GAIN	Mar. 31, 2008	Mar. 30, 2009	Radiation (03CH07-HY)
Double Ridge Horn Antenna	ESCO	3117	66584	1G~18GHz	Aug. 06, 2008	Aug. 05. 2009	Radiation (03CH07-HY)

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 52 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01



5 Uncertainty of Evaluation

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

	Uncertainty of $^{\mathcal{X}_i}$			
Contribution	dB	Probability	$u(x_i)$	
		Distribution		
Receiver reading	0.41	Normal(k=2)	0.21	
Antenna factor calibration	0.83	Normal(k=2)	0.42	
Cable loss calibration	0.25	Normal(k=2)	0.13	
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14	
RCV/SPA specification	2.50	Rectangular	0.72	
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29	
Site imperfection	1.43	Rectangular	0.83	
Mismatch	+0.39/-0.41	U-shaped	0.28	
Combined standard uncertainty Uc(y)	1.27			
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)		2.54		

Uncertainty of Radiated Emission Measurement (1 GHz ~ 40 GHz)

	Uncertainty of X_i				$Ci*u(x_i)$
Contribution	dB	Probability Distribution	$u(x_i)$	Ci	$Ci \cdot u(x_i)$
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25
Receiver Correction	±2.00	Rectangular	1.15	1	1.15
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87
Site imperfection	±2.80	Triangular	1.14	1	1.14
Mismatch Receiver VSWR Γ1= 0.197 Antenna VSWR Γ2= 0.194 Uncertainty=20log(1-Γ1*Γ2)	+0.34/-0.35	U-shaped	0.244	1	0.244
Combined standard uncertainty Uc(y)	2.36				
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	of 4.72				

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 53 of 54
Report Issued Date : Feb. 12, 2009
Report Version : Rev. 01

Certification of TAF Accreditation



Certificate No.: 1.1190-081212

Report No.: FG920616

財團法人全國認證基金會

Taiwan Accreditation Foundation

Certificate of Accreditation

This is to certify that

Sporton International Inc.

EMC & Wireless Communications Laboratory

No.52, Hwa Ya 1st Rd., Hwa Ya Technology Park, Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.

is accredited in respect of laboratory

Accreditation Criteria : ISO/IEC 17025:2005

Accreditation Number : 1190

Originally Accredited : December 15, 2003

Effective Period : January 10, 2007 to January 09, 2010

Accredited Scope : Testing Field, see described in the Appendix

Specific Accreditation : Accreditation Program for Designated Testing Laboratory

Program for Commodities Inspection

Accreditation Program for Telecommunication Equipment

Testing Laboratory
Accreditation Program for BSMI Mutual Recognition

Arrangment with Foreign Authorities

Jay-San Chen

President, Taiwan Accreditation Foundation

Date: December 12, 2008

P1, total 18 pages

The Appendix forms an integral part of this Certificate, which shall be invalid when use without the Appendix

SPORTON INTERNATIONAL INC.

TEL: 886-3-327-3456 FAX: 886-3-328-4978 FCC ID: W2R-0610 Page Number : 54 of 54
Report Issued Date : Feb. 12, 2009

Report Version : Rev. 01