FCC PART 24 EMC MEASUREMENT REPORT

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Applicant Information:

SIERRA WIRELESS INC.

13811 Wireless Way Richmond, BC V6V 3A4

FCC Classification: Part 24 Licensed Portable Transmitter Worn on Body (PCT)

 FCC Rule Part(s):
 \$24(E), \$2

 FCC ID:
 N7NAC750

 Model(s):
 AirCard 750

 Serial No.:
 T02031300251010

Equipment Type: PCS GSM/GPRS PCMCIA Modem Card

Host Configuration(s): Cassiopeia E200 PDA, Compaq iPaq 3650 PDA, HP Jornada 568 PDA

Tx Frequency Range: 1850.25 - 1909.875 MHz

Max. RF Output Power: 0.726 Watts EIRP (Cassiopeia E200 PDA)

0.575 Watts EIRP (Compaq iPaq 3650 PDA) 0.451 Watts EIRP (HP Jornada 568 PDA)

Modulation: GMSK
Emission Designator: 271KGXW
Frequency Tolerance: 0.1 PPM

Antenna Type: Omni-Directional Monopole

Power Supply: From Host PDA

This equipment has been shown to be capable of compliance with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in §2.947.

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

This test report shall not be reproduced partially, or in full, without the prior written approval of Celltech Research Inc. The results and statements contained in this report pertain only to the device(s) evaluated.

Shawn McMillen General Manager Celltech Research Inc.









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FCC PART 24 EMC MEASUREMENT REPORT

1.1 SCOPE

Measurement and determination of electromagnetic emissions (EME) from radio frequency devices for compliance with the technical rules and regulations of the Federal Communications Commission.

1.2 GENERAL INFORMATION - §2.1033(a)

APPLICANT:

SIERRA WIRELESS INC.

13811 Wireless Way Richmond, BC V6V 3A4

FCC ID	N7NAC750
Model(s)	AirCard 750
Serial No.	T02031300251010
EUT Type	PCS GSM/GPRS PCMCIA Modem Card with 3 PDAs
Host Configuration(s)	Cassiopeia E200 PDA Compaq iPaq 3650 PDA HP Jornada 568 PDA
FCC Classification	Licensed Portable Transmitter Worn on Body (PCT)
FCC Rule Part(s)	§24(E), §2
Tx Frequency Range	1850.25 - 1909.875 MHz
Modulation	GMSK
RF Conducted Output Power Tested	0.726 Watts EIRP (Cassiopeia E200 PDA) 0.575 Watts EIRP (Compaq iPaq 3650 PDA) 0.451 Watts EIRP (HP Jornada 568 PDA)
Emission Designator	271KGXW
Frequency Tolerance	0.1 PPM
Power Supply	From host PDA
Antenna Type	Omni-Directional Monopole

2.1 MEASUREMENT PROCEDURES

2.2 RF OUTPUT POWER MEASUREMENT - §2.1046

The conducted power was measured with a Gigatronics 8650A Universal Power Meter using modulated average power mode. An offset was entered into the power meter to correct for the losses of the attenuator and cable installed before the sensor input. The transmitter terminal was coupled to the power meter and the EUT was placed into test mode via internal software from the host device. All subsequent tests were performed using the same tune-up procedures.

2.3 EFFECTIVE ISOTROPIC RADIATED POWER OUTPUT - §24.232(b)

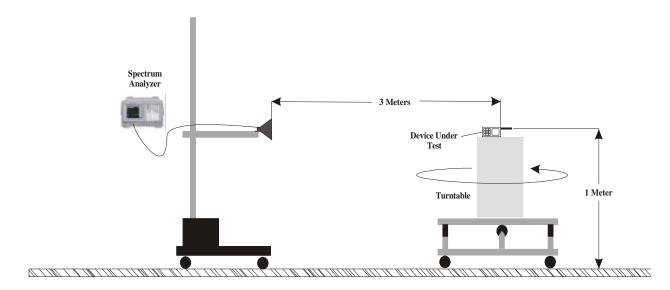
EIRP Measurements by Signal Substitution Method:

The EUT was placed on a turntable 3-meters from the receive antenna and placed into test mode via internal software from the host device at a full rated power. The field of maximum intensity was found by rotating the EUT approximately 360 degrees and changing the height of the receive antenna from 1 to 4 meters. Once a peak was found the spectrum analyzer was set to peak hold and the value of the emission was extracted. The field strength was recorded for each channel being tested, and for both EUT antenna polarizations and modes. A standard gain horn antenna was substituted in place of the EUT. The antenna was fed through a directional coupler and the power at the coupler port was monitored. A signal generator and power amplifier controlled the antenna, and the input level of the antenna was adjusted to the same field strength level as the EUT. The feed point for the antenna was then connected to a calibrated power meter and the power adjusted to read the same as the coupler port previously recorded, this is to account for any mismatch in impedance, which may occur at the horn antenna. The conducted power at the antenna feed point was recorded. The forward conducted power for the horn antenna was then determined and the EIRP level was determined by adding the horn forward conducted power and the antenna gain in dB.

2.4 FIELD STRENGTH OF SPURIOUS RADIATION - §2.1053

Radiated and harmonic emissions were measured on a 3-meter outdoor site and performed in accordance with TIA/EIA-603 Section 2.212. The EUT was placed into test mode via internal software from the host device at a full rated power. The EUT was placed on the turntable with the transmitter transmitting into a non-radiating load. A receiving antenna located 3 meters from the turntable received any signal radiated from the transmitter and its operating accessories. The receiving antenna was varied in height from 1 to 4 meters and the polarization was varied (horizontal and vertical) to determine the worst-case emission level. All spurious emissions made from the lowest radio frequency generated in the equipment to the tenth harmonic of the carrier were investigated.

2.5 RADIATED MEASUREMENT TEST SETUP



Radiated Measurement Test Setup Diagram



Radiated Measurement Test Setup Photograph

3.1 TEST DATA

3.2 EFFECTIVE ISOTROPIC RADIATED POWER OUTPUT - §24.232(b)

Test Date(s)	Host PDA	Freq. Tuned	EUT Conducted Power	Maximum Field Strength of EUT (Horiz. Pol.)	Polariz.	Horn Gain	Horn Forward Conducted Power	Horn - Horn F	of EUT Gain F orward ed Power
		MHz	dBm	dBm	H/V	dBi	dBm	dBm	Watts
	Cassiopeia E200	1850.25	28.41	- 10.17	V	6.55	21.16	27.71	0.590
05/08/02	Cassiopeia E200	1880.00	28.24	- 10.19	V	6.58	21.63	28.21	0.662
	Cassiopeia E200	1909.875	28.13	- 10.46	V	6.61	22.00	28.61	0.726
	Compaq iPaq 3650	1850.25	28.33	- 10.88	Н	6.55	20.49	27.04	0.506
06/04/02	Compaq iPaq 3650	1880.00	28.09	- 11.46	Н	6.58	20.39	26.97	0.498
	Compaq iPaq 3650	1909.875	27.96	- 11.47	Н	6.61	20.99	27.60	0.575
	HP Jornada 568	1850.25	28.13	- 12.21	Н	6.55	19.52	26.07	0.405
06/04/02	HP Jornada 568	1880.00	28.19	- 12.77	Н	6.58	19.32	25.90	0.389
	HP Jornada 568	1909.875	28.14	- 12.36	Н	6.61	19.93	26.54	0.451

Notes:

1. EIRP measurements were performed for both horizontal and vertical antenna polarizations and the worst-case configuration is reported.

EUT with Cassiopeia E200 PDA

Operating Frequency (MHz): 1850.25

Channel: 512 (Low)

EUT Conducted Pwr. (dBm): 28.41 Measured EIRP (dBm): 27.71

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 40.71 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3700.50	-63.47	-30.58	6.6	V	-23.98	-26.12	53.83
5550.75	-65.38	-27.58	7.8	V	-19.78	-21.92	49.63
7401.00	-68.88	-32.30	7.8	V	-24.50	-26.64	54.35
9251.25	-72.43	-34.41	7.6	V	-26.81	-28.95	56.66
11101.50	-76.97	-40.61	8.5	V	-32.11	-34.25	61.96
12951.75	-80.14	-42.26	8.8	V	-33.46	-35.60	63.31
14802.00	-88.25	-50.37	9.6	V	-40.77	-42.91	70.62
16652.25	-94.61	-56.78	9.0	V	-47.78	-49.92	77.63
18502.50	-100.33	-64.12	9.3	V	-54.82	-56.96	84.67

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with Cassiopeia E200 PDA

Operating Frequency (MHz): 1880.00

Channel: 661 (Mid)

EUT Conducted Pwr. (dBm): 28.24

Measured EIRP (dBm): 28.21

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 41.21 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP (dBm)	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3760.00	-65.87	-32.98	6.6	V	-26.38	-28.52	56.73
5640.00	-68.78	-30.98	7.8	V	-23.18	-25.32	53.53
7520.00	-73.93	-37.35	7.8	V	-29.55	-31.69	59.90
9400.00	-76.54	-38.52	7.6	V	-30.92	-33.06	61.27
11280.00	-80.62	-44.26	8.5	V	-35.76	-37.90	66.11
13160.00	-85.33	-47.45	8.8	V	-38.65	-40.79	69.00
15040.00	-90.16	-52.28	9.6	V	-42.68	-44.82	73.03
16920.00	-96.37	-58.54	9.0	V	-49.54	-51.68	79.89
18800.00	-101.05	-64.84	9.3	V	-55.54	-57.68	85.89

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with Cassiopeia E200 PDA

Operating Frequency (MHz): 1909.875

Channel: 810 (High)

EUT Conducted Pwr. (dBm): 28.13

Measured EIRP (dBm): 28.61

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 41.61 \text{ dBc}$

Frequency (MHz)	Field Strength of Spurious Radiation (dBm)	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain (dBi)	POL (H/V)	EIRP (dBm)	ERP (dBm)	dBc
3819.75	-66.48	-33.59	6.6	V	-26.99	-29.13	57.74
5729.63	-72.63	-34.83	7.8	V	-27.03	-29.17	57.78
7639.50	-76.23	-39.65	7.8	V	-31.85	-33.99	62.60
9549.38	-81.16	-43.14	7.6	V	-35.54	-37.68	66.29
11459.25	-86.93	-50.57	8.5	V	-42.07	-44.21	72.82
13369.13	-92.72	-54.84	8.8	V	-46.04	-48.18	76.79
15279.00	-95.08	-57.20	9.6	V	-47.60	-49.74	78.35
17188.88	-99.36	-61.53	9.0	V	-52.53	-54.67	83.28
19098.75	-101.80	-65.59	9.3	V	-56.29	-58.43	87.04

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with Compaq iPaq 3650 PDA

Operating Frequency (MHz): 1850.25

Channel: 512 (Low)

EUT Conducted Pwr. (dBm): 28.33 Measured EIRP (dBm): 27.04

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 40.04 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3700.50	-68.30	-35.41	6.6	Н	-28.81	-30.95	57.99
5550.75	-73.21	-35.41	7.8	Н	-27.61	-29.75	56.79
7401.00	-77.45	-40.87	7.8	Н	-33.07	-35.21	62.25
9251.25	-80.39	-42.37	7.6	Н	-34.77	-36.91	63.95
11101.50	-84.60	-48.24	8.5	Н	-39.74	-41.88	68.92
12951.75	-89.55	-51.67	8.8	Н	-42.87	-45.01	72.05
14802.00	-93.72	-55.84	9.6	Н	-46.24	-48.38	75.42
16652.25	-98.05	-60.22	9.0	Н	-51.22	-53.36	80.40
18502.50	-101.64	-65.43	9.3	Н	-56.13	-58.27	85.31

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with Compaq iPaq 3650 PDA

Operating Frequency (MHz): 1880.00

Channel: 661 (Mid)

EUT Conducted Pwr. (dBm): 28.09 Measured EIRP (dBm): 26.97

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 39.97 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3760.00	-70.19	-37.30	6.6	Н	-30.70	-32.84	59.81
5640.00	-73.84	-36.04	7.8	Н	-28.24	-30.38	57.35
7520.00	-76.37	-39.79	7.8	Н	-31.99	-34.13	61.10
9400.00	-81.78	-43.76	7.6	Н	-36.16	-38.30	65.27
11280.00	-85.63	-49.27	8.5	Н	-40.77	-42.91	69.88
13160.00	-88.44	-50.56	8.8	Н	-41.76	-43.90	70.87
15040.00	-91.30	-53.42	9.6	Н	-43.82	-45.96	72.93
16920.00	-96.25	-58.42	9.0	Н	-49.42	-51.56	78.53
18800.00	-100.06	-63.85	9.3	Н	-54.55	-56.69	83.66

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with Compaq iPaq 3650 PDA

Operating Frequency (MHz): 1909.875

Channel: 810 (High)

EUT Conducted Pwr. (dBm): 27.96

Measured EIRP (dBm): 27.60

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 40.60 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3819.75	-71.54	-38.65	6.6	Н	-32.05	-34.19	61.79
5729.63	-74.37	-36.57	7.8	Н	-28.77	-30.91	58.51
7639.50	-77.14	-40.56	7.8	Н	-32.76	-34.90	62.50
9549.38	-80.07	-42.05	7.6	Н	-34.45	-36.59	64.19
11459.25	-84.90	-48.54	8.5	Н	-40.04	-42.18	69.78
13369.13	-89.57	-51.69	8.8	Н	-42.89	-45.03	72.63
15279.00	-93.18	-55.30	9.6	Н	-45.70	-47.84	75.44
17188.88	-97.71	-59.88	9.0	Н	-50.88	-53.02	80.62
19098.75	-100.63	-64.42	9.3	Н	-55.12	-57.26	84.86

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with HP Jornada 568 PDA

Operating Frequency (MHz): 1850.25

Channel: 512 (Low)

EUT Conducted Pwr. (dBm): 28.13
Measured EIRP (dBm): 26.07
Modulation: GMSK

Distance: 3 Meters

Limit: $43 + 10 \log (W) = 39.07 dBc$

Frequency (MHz)	Field Strength of Spurious Radiation (dBm)	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain (dBi)	POL (H/V)	EIRP (dBm)	ERP (dBm)	dBc
3700.50	-72.45	-39.56	6.6	Н	-32.96	-35.10	61.17
5550.75	-77.80	-40.00	7.8	Н	-32.20	-34.34	60.41
7401.00	-82.63	-46.05	7.8	Н	-38.25	-40.39	66.46
9251.25	-86.19	-48.17	7.6	Н	-40.57	-42.71	68.78
11101.50	-89.06	-52.70	8.5	Н	-44.20	-46.34	72.41
12951.75	-92.48	-54.60	8.8	Н	-45.80	-47.94	74.01
14802.00	-95.22	-57.34	9.6	Н	-47.74	-49.88	75.95
16652.25	-99.71	-61.88	9.0	Н	-52.88	-55.02	81.09
18502.50	-101.97	-65.76	9.3	Н	-56.46	-58.60	84.67

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with HP Jornada 568 PDA

Operating Frequency (MHz): 1880.00

Channel: 661 (Mid)

EUT Conducted Pwr. (dBm): 28.19

Measured EIRP (dBm): 25.90

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 38.90 \text{ dBc}$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP (dBm)	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3760.00	-72.48	-39.59	6.6	Н	-32.99	-35.13	61.03
5640.00	-75.95	-38.15	7.8	Η	-30.35	-32.49	58.39
7520.00	-79.11	-42.53	7.8	Η	-34.73	-36.87	62.77
9400.00	-83.60	-45.58	7.6	Η	-37.98	-40.12	66.02
11280.00	-86.89	-50.53	8.5	Н	-42.03	-44.17	70.07
13160.00	-89.38	-51.50	8.8	Н	-42.70	-44.84	70.74
15040.00	-93.40	-55.52	9.6	Н	-45.92	-48.06	73.96
16920.00	-96.63	-58.80	9.0	Н	-49.80	-51.94	77.84
18800.00	-100.18	-63.97	9.3	Н	-54.67	-56.81	82.71

- 1. Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

EUT with HP Jornada 568 PDA

Operating Frequency (MHz): 1909.875

Channel: 810 (High)

EUT Conducted Pwr. (dBm): 28.14

Measured EIRP (dBm): 26.54

Modulation: GMSK
Distance: 3 Meters

Limit: $43 + 10 \log (W) = 39.54 dBc$

Frequency	Field Strength of Spurious Radiation	Horn Forward Cond. Pwr.	Standard Gain Horn Antenna Gain	POL (H/V)	EIRP (dBm)	ERP (dBm)	dBc
(MHz)	(dBm)	(dBm)	(dBi)				
3819.75	-74.08	-41.19	6.6	Н	-34.59	-36.73	63.27
5729.63	-78.93	-41.13	7.8	Н	-33.33	-35.47	62.01
7639.50	-81.60	-45.02	7.8	Н	-37.22	-39.36	65.90
9549.38	-85.13	-47.11	7.6	Н	-39.51	-41.65	68.19
11459.25	-88.67	-52.31	8.5	Н	-43.81	-45.95	72.49
13369.13	-92.40	-54.52	8.8	Н	-45.72	-47.86	74.40
15279.00	-95.65	-57.77	9.6	Н	-48.17	-50.31	76.85
17188.88	-98.77	-60.94	9.0	Н	-51.94	-54.08	80.62
19098.75	-101.41	-65.20	9.3	Н	-55.90	-58.04	84.58

- Radiated spurious measurements were performed using Signal Substitution Method per ANSI/TIA/EIA-603 Section 2.212.
- 2. All other spurious emissions generated from the lowest frequency of the EUT to the tenth harmonic were investigated and found to be below the magnitude of each harmonic level.
- 3. Spurious emissions more than 20 dB below the limit are reported, though not required per §2.1051.

4.1 TEST EQUIPMENT

<u>Type</u>	<u>Model</u>	Calibration Due Date	Serial No.
HP Signal Generator	8648D (9kHz-4.0GHz)	Feb 2003	3847A00611
Rohde & Schwarz Signal Generato	r SMR40 (10MHz-40GHz)	Nov 2002	835537/022
Gigatronics Power Meter	8652A	Feb 2003	1835272
Gigatronics Power Sensor	80701A (0.05-18GHz)	Feb 2003	1833535
Gigatronics Power Sensor	80701A (0.05-18GHz)	Feb 2003	1833542
Amplifier Research Power Amp.	5S1G4 (5W, 800MHz-4.2GHz)	N/A	26235
Microwave System Amplifier	HP 83017A (0.5-26.5GHz)	N/A	3123A00587
Network Analyzer	HP 8753E (30kHz-3GHz)	Feb 2003	US38433013
Audio Analyzer	HP 8903B	Nov 2002	3729A18691
Modulation Analyzer	HP 8901A	July 2002	3749A07154
Frequency Counter	HP 53181A (3GHz)	May 2003	3736A05175
DC Power Supply	HP E3611A	N/A	KR83015294
Multi-Device Controller	EMCO 2090	N/A	9912-1484
Mini Mast	EMCO 2075	N/A	0001-2277
Turntable	EMCO 2080-1.2/1.5	N/A	0002-1002
Double Ridged Horn Antenna	ETS 3115 (1-18GHz)	Oct. 2002	6267
Double Ridged Horn Antenna	ETS 3115 (1-18GHz)	Oct. 2002	6276
Horn Antenna	Chase BBHA 9120-A (0.7-4.8GF	Hz) Sept 2002	9120A-239
Horn Antenna	Chase BBHA 9120-A (0.7-4.8GF	Hz) Sept 2002	9120A-240
Roberts Dipoles	Compliance Design (2 sets) 31210	C June 2003	
Spectrum Analyzer	HP 8594E	Feb 2003	3543A02721
Spectrum Analyzer	HP E4408B	Nov 2002	US39240170
Shielded Screen Room	Lindgren R.F. 18W-2/2-0	N/A	16297
Environmental Chamber	ESPEC ECT-2 (Temperature/Hum	nidity) Feb 2003	0510154-B

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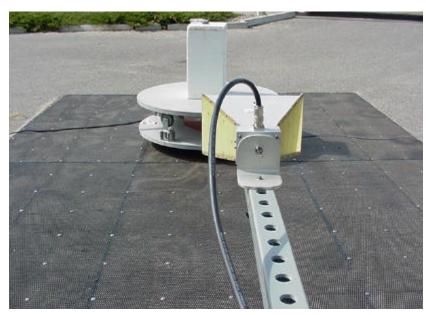
5.1 CONCLUSION

The data in this measurement report shows that the SIERRA WIRELESS INC. Model: AirCard 750 PCS GSM/GPRS PCMCIA Modem Card FCC ID: N7NAC750 with three (3) host PDAs as described in this report complies with the requirements of FCC Rule Parts §24 and §2.

Test Report S/N: 032702-234N7N Test Date(s): 05/08 & 06/04, 2002 FCC Part 24 EMC Measurements

APPENDIX A - RADIATED TEST SETUP PHOTOGRAPHS

RADIATED TEST SETUP PHOTOGRAPHS EUT with Cassiopeia E200 PDA





RADIATED TEST SETUP PHOTOGRAPHS EUT with Compaq iPaq 3650 PDA





RADIATED TEST SETUP PHOTOGRAPHS EUT with HP Jornada 568 PDA





CELLTECH RESEARCH INC. 1955 Moss Court, Kelowna B.C. Canada V1Y 9L3 Test Report S/N: 032702-234N7N Test Date(s): 05/08 & 06/04, 2002 FCC Part 24 EMC Measurements

APPENDIX B - EUT PHOTOGRAPHS

EUT PHOTOGRAPHS with Cassiopeia E200 PDA









EUT PHOTOGRAPHS with Cassiopeia E200 PDA













EUT PHOTOGRAPHS with Compaq iPaq 3650 PDA

















EUT PHOTOGRAPHS with HP Jornada 568 PDA













EUT PHOTOGRAPHS with HP Jornada 568 PDA

















EUT PHOTOGRAPHS Sierra Wireless AirCard 750







