

FCC TEST REPORT

for

47 CFR Part 22H and 24E

Equipment : SOLOMON SCWi375u USB WiFi-GPRS Modem

Model No. : SCWi375u

FCC ID : NIT-SCWi375U

Filing Type : Certification

Applicant : SOLOMON Tecnology Corp.
No. 42, Sing Zhong Rd., Nei Hu Dist., Taipei,
Taiwan, 114 R.O.C.

- The test result refers exclusively to the test presented test model / sample.
- Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.
- **Certificate or Test Report must not be used by the applicant to claim the product in this test report endorsement by NVLAP or any agency of U.S. government.**

SPORTON International Inc.

6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

SPORTON International Inc.

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FCC ID

SCWi375U

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Issued Date

Sep. 13, 2004

The applicant has been cautioned as to the following:

15.21 Information to User.

The users manual or instruction manual for an intentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

15.27(a) Special Accessories.

Equipment marketed to a consumer must be capable of complying with the necessary regulations in the configuration in which the equipment is marketed. Where special accessories, such as shielded cables and/or special connectors are required to enable an unintentional or intentional radiator to comply with the emission limits in this part, the equipment must be marketed with, i.e. shipped and sold with, those special accessories. However, in lieu of shipping or packaging the special accessories with the unintentional or intentional radiator, the responsible party may employ other methods of ensuring that the special accessories are provided to the consumer, without additional charge.

Information detailing any alternative method used to supply the special accessories for a grant of equipment authorization or retained in the verification records, as appropriate. The party responsible for the equipment, as detailed in § 2.909 of this chapter, shall ensure that these special accessories are provided with the equipment. The instruction manual for such devices shall include appropriate instructions on the first page of text concerned with the installation of the device that these special accessories must be used with the device. It is the responsibility of the user to use the needed special accessories supplied with the equipment.

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FCC TEST REPORT

Report No. : F481401

Required information per ISO/IEC Guide 25-1990, paragraph 13.2:

a) **Test Report**

b) Laboratory: Sporton International Inc.
No.52, Hwa-Ya 1st RD., Hwa Ya Technology Park, Kwei-Shan Hsiang,
TaoYuan Hsien, Taiwan, R.O.C.

c) Report Number: F481401

d) **SOLOMON Technology Corp.**
Client: No. 42, Sing Zhong Rd., Nei Hu Dist., Taipei, Taiwan, 114
R.O.C.

e) Identification: Model Name: SCWi375u
FCC ID : NIT-SCWi375U
Description: GSM/GPRS 850/1900 Radio

f) EUT Condition: Not required unless specified in individual tests.

g) Report Date: Sep. 13, 2004
EUT Received: Aug. 14, 2004

h, j, k): As indicated in individual tests.

i) Sampling method: No sampling procedure used.

l) Uncertainty: In accordance with Sporton internal quality manual.

m) Supervised by:

Hendry Yang 9/13/2004

Hendry Yang

n) Results: The results presented in this report relate only to the item tested.

o) Reproduction: This report must not be reproduced, except in full, without written permission from this laboratory.

Accessories Used During Testing:

Type	Model
EUT	SCWi375u
Base Station Simulator	CMU200
Base Station Simulator	E5515C

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List of General Information Required for Certification

In Accordance with FCC Rules and Regulations,
Volume II, Part 2 and
22H, 24E, Confidentiality

Sub-Part 2.1033

(c)(1): **Name and Address of Applicant:**

SOLOMON Technology Corp.
No. 42, Sing Zhong Rd., Nei Hu Dist., Taipei, Taiwan,
114 R.O.C.

Manufacturer

As above

(c)(2): **FCC ID:** NIT-SCWI375U

Model Number: SCWi375u

(c)(3): **Instruction Manual(s):**

Please See Attached Exhibits

(c)(4): **Type of Emission:** 300KGXW

(c)(5): **FREQUENCY RANGE, MHz:** 824.2 to 848.8 GSM/GPRS 850
1850.2 to 1909.8 GSM/GPRS 1900

(c)(6): **Power Rating, Watts:** GSM 850: 0.617 (conducted) / 0.396 (ERP)
PCS 1900: 0.813 (conducted) / 1.992 (EIRP)
Switchable x Variable N/A

(c)(7): **Maximum Power Rating, Watts:** 2 (GSM 850)
1 (PCS 1900)

Subpart 2.1033 (continued)

(c)(8): Voltages & Currents in All Elements in Final RF Stage, Including Final Transistor or Solid State Device:

Collector Current, A = 0.5
Collector Voltage, Vdc = 5
Supply Voltage, Vdc = 5

(c)(9): **Tune-Up Procedure:**

Please See Attached Exhibits

(c)(10): **Circuit Diagram/Circuit Description:**

Please See Attached Exhibits

(c)(11): **Label Information:**

Please See Attached Exhibits

(c)(12): **Photographs:**

Please See Attached Exhibits

(c)(13): **Digital Modulation Description:**

☐ Attached Exhibits
☒ N/A

(c)(14): **Test and Measurement Data:**

Follows

**Testimonial
and
Statement of Certification**

This is to certify that:

1. **That** the application was prepared either by, or under the direct supervision of, the undersigned.
2. **That** the technical data supplied with the application was taken under my direction and supervision.
3. **That** the data was obtained on representative units, randomly selected.
4. **That**, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.

Daniel Lee 9/13/2004

Certified by:

Daniel Lee

Certificate of NVLAP Accreditation

United States Department of Commerce
National Institute of Standards and Technology

NVLAP[®]

ISO/IEC 17025:1999
ISO 9002:1994

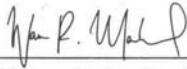
Certificate of Accreditation

SPORTON INTERNATIONAL, INC.
TAIPEI HSIEN 221
TAIWAN

*is recognized by the National Voluntary Laboratory Accreditation Program
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS

December 31, 2004
Effective through


For the National Institute of Standards and Technology
NVLAP Lab Code: 200079-0



NVLAP-01C (06-01)

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Sub-part

2.1033(c)(14): Test and Measurement Data

All tests and measurement data shown were performed in accordance with FCC Rules and Regulations, Volume II; Part 2, Sub-part J, Sections 2.947, 2.1033(c), 2.1041, 2.1046, 2.1047, 2.1079, 2.1051, 2.1053, 2.1055, 2.1057 and the following individual Parts:

- 22 – Public Mobile Services
- x 22 Subpart H - Cellular Radiotelephone Service
- 22.901(d) - Alternative technologies and auxiliary services
- x 24 – Personal Communications Services

General Information

Product Feature & Specification	
1. DUT Type :	SOLOMON SCWi375u USB WiFi-GPRS Modem
2. Trade Name :	SOLOMON
3. Model Name :	SCWi375u
4. Tx Frequency :	GSM 850: 824 ~ 849 MHz PCS 1900: 1850 ~ 1910 MHz IEEE 802.11b: 2400 ~ 2483.5 MHz
5. Rx Frequency :	GSM 850: 869 ~ 894 MHz PCS 1900: 1930 ~ 1990MHz IEEE 802.11b: 2400 ~ 2483.5 MHz
6. Channel Spacing	200 KHz
7. Maximum Output Power to Antenna :	GSM 850: 27.9 dBm PCS 1900: 29.1 dBm IEEE 802.11b: 11 dBm
8. Type of Modulation :	GSM 850: GMSK PCS 1900: GMSK IEEE 802.11b: CCK, DQPSK, DBPSK
9. DUT Stage :	Production Unit
10. Application Type :	Certification

**Standard Test Conditions
and
Engineering Practices**

Except as noted herein, the following conditions and procedures were observed during the testing:

In accordance with TIA603, and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 10° to 40°C (50° to 104 °F) unless the particular equipment requirements specify testing over a different temperature range. Also, unless otherwise indicated, the humidity levels were in the range of 10% to 90% relative humidity.

Prior to testing, the EUT was tuned up in accordance with the manufacturer's alignment procedures. All external gain controls were maintained at the position of maximum and/or optimum gain throughout the testing.

Measurement results, unless otherwise noted, are worst-case measurements.

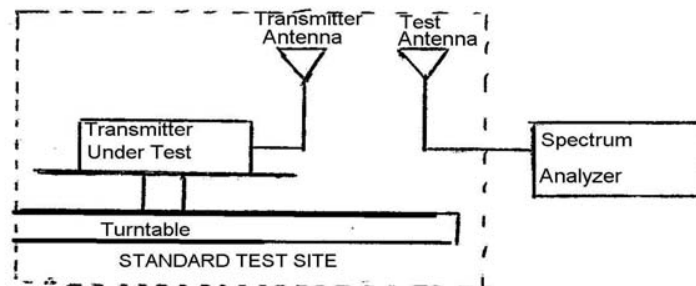
Name of Test: EIRP Carrier Power (Radiated)

Specification: TIA/EIA 603A (Substitution Method)

Definition: The average radiated power of device is the equivalent power required, when delivered to a substitution antenna, to produce at a distant point the same average received power as produced by the licensed device.

Method Of Measurement:

a) Connect the equipment as illustrated. Place the transmitter to be tested on the turntable in the standard test site.



b) Raise and lower the test antenna from 1m to 4m and rotate turntable from 0° to 360°. Record the highest received signal showed in spectrum analyzer as R_t . Calculate electric field strength in receive antenna as E_t .

$$E_t = R_t + AF$$

AF (dB/m): Receive Antenna Factor

c) Replace the transmitter under test with a substitution antenna. The center of the antenna should be at the same location as the transmitter under test. Connect the antenna to a signal generator with a known output power level P_s . Raise and lower the test antenna like in step b) and record the highest received signal showed in spectrum analyzer as R_s . Calculate electric field strength in receive antenna as E_s .

$$E_s = R_s + AF$$

AF (dB/m): Receive Antenna Factor

d) Calculate radiated power as following:

$$\text{EIRP} = P_s + E_t - E_s + G_s$$

P_s (dBm): Input Power to Substitution Antenna

G_s (dBi) : Substitution Antenna Gain

Results Attached

Tim Kao

Tested By:

Tim Kao

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Test Results For: ERP/EIRP Carrier Power (Radiated)**Conducted Power**

GSM 850

Bands	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (Watts)
GSM 850	128	824.2 (Low)	27.8	0.603
	189	836.4 (Mid)	27.8	0.603
	251	848.8 (High)	27.9	0.617

PCS 1900

Bands	Channel	Frequency (MHz)	Conducted Power (dBm)	Conducted Power (Watts)
PCS 1900	512	1850.2 (Low)	28.3	0.676
	661	1880.0 (Mid)	28.5	0.708
	810	1909.8 (High)	29.1	0.813

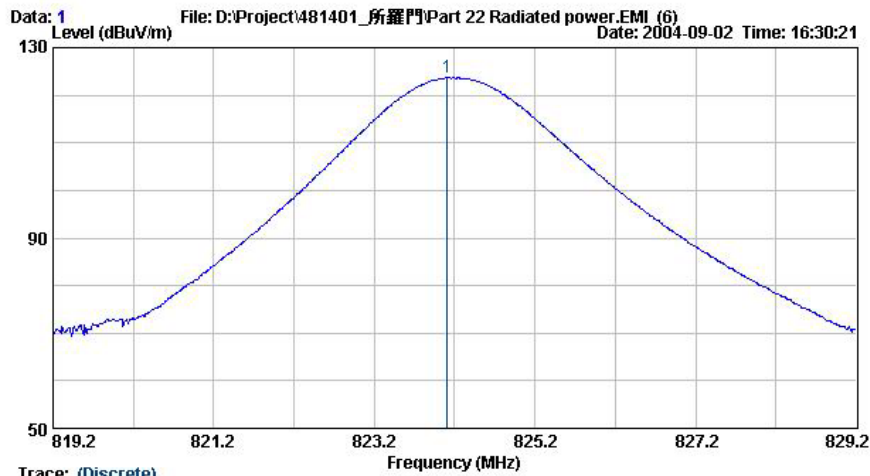
ERP/EIRP**GSM 850 ERP**

Freq MHz	Pol	Substitution Antenna Input Power (dBm)	Substitution Antenna Gain (dBd)	Et (dBuV/m)	Es (dBuV/m)	Et - Es (dB)	Radiated Power (dBm)	Radiated Power (Watts)
824.11	H	-2.49	-1.62	123.71	93.62	30.09	25.98	0.396
836.38	H	-2.49	-1.54	122.16	93.85	28.31	24.28	0.268
848.79	H	-2.48	-1.46	121.25	94.09	27.16	23.22	0.210
824.15	V	-2.49	-1.62	121.62	93.63	27.99	23.89	0.245
836.39	V	-2.49	-1.54	120.57	93.85	26.72	22.69	0.186
848.75	V	-2.48	-1.46	119.44	94.09	25.35	21.41	0.138

PCS 1900 EIRP

Freq MHz	Pol	Substitution Antenna Input Power (dBm)	Substitution Antenna Gain (dBi)	Et (dBuV/m)	Es (dBuV/m)	Et - Es (dB)	Radiated Power (dBm)	Radiated Power (Watts)
1850.23	H	-3.76	6.64	126.16	98.65	27.51	30.39	1.094
1879.94	H	-3.78	6.65	128.71	98.59	30.12	32.99	1.992
1909.75	H	-3.81	6.66	125.24	98.52	26.72	29.58	0.907
1850.26	V	-3.76	6.64	121.16	98.65	22.51	25.39	0.346
1879.98	V	-3.78	6.65	122.06	98.59	23.47	26.34	0.431
1909.70	V	-3.81	6.66	121.15	98.52	22.63	25.49	0.354

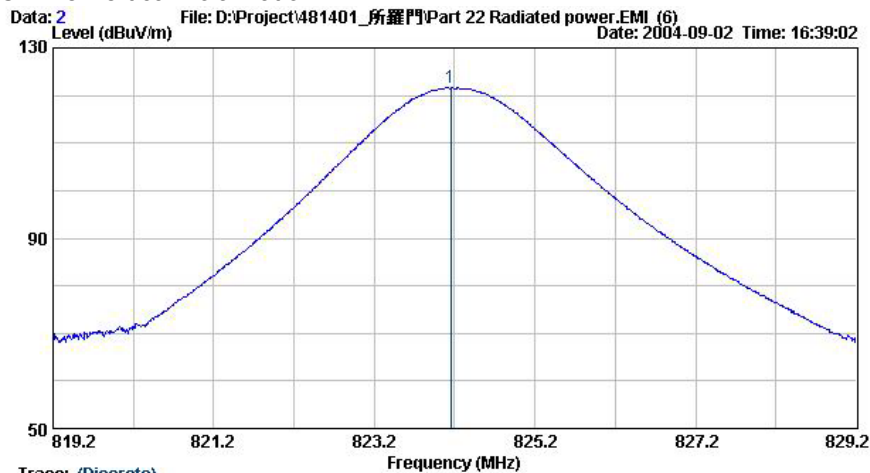
GSM 850 CH128 Horizontal Polarization



Site : 03CH06-HY
 Condition : 3m BI LOG 2004 0629 HORIZONTAL 114cm 326deg
 EUT : 802.11b USB WLAN Dongle with GPRS modem
 Power : AC 120V / 60Hz
 Model : SCWi375u
 Memo : GSM850 CH128 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	824.11	123.71	-----	-----	100.14	20.30	0.00	3.27	114 326

GSM 850 CH128 Vertical Polarization



Site : 03CH06-HY
 Condition : 3m BI LOG 2004 0629 VERTICAL 114cm 188deg
 EUT : 802.11b USB WLAN Dongle with GPRS modem
 Power : AC 120V / 60Hz
 Model : SCWi375u
 Memo : GSM850 CH128 Link mode

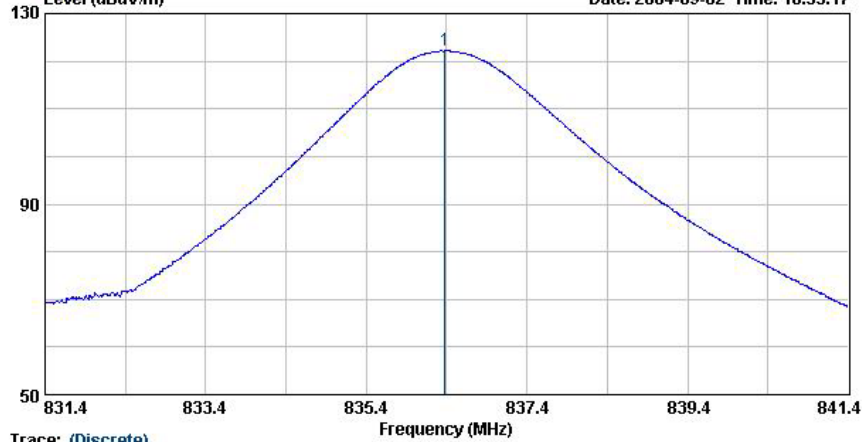
	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1	824.15	121.62	-----	-----	98.05	20.30	0.00	3.27	114 188

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GSM 850 CH189 Horizontal Polarization

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Level (dBuV/m) Date: 2004-09-02 Time: 16:33:17

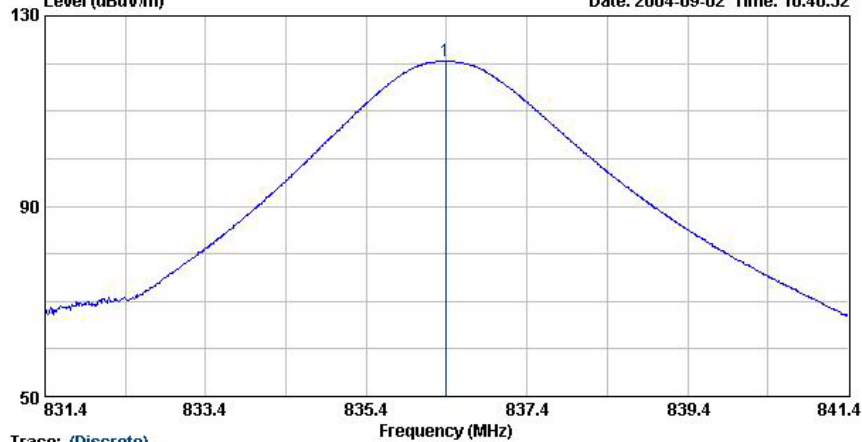


Site : 03CH06-HY
Condition : 3m BI LOG 2004 0629 HORIZONTAL 114cm 325deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V / 60Hz
Model : SCWi375u
Memo : GSM850 CH189 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1	836.38	122.16	-----	-----	98.48	20.35	0.00	3.33	114 325

GSM 850 CH189 Vertical Polarization

Data: 4 File: D:\Project\481401_所羅門\Part 22 Radiated power.EML (6)
Level (dBuV/m) Date: 2004-09-02 Time: 16:40:32



Site : 03CH06-HY
Condition : 3m BI LOG 2004 0629 VERTICAL 114cm 190deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V / 60Hz
Model : SCWi375u
Memo : GSM850 CH189 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1	836.39	120.57	-----	-----	96.89	20.35	0.00	3.33	114 190

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GSM 850 CH251 Horizontal Polarization

Data: 5 File: D:\Project\481401_所羅門\Part 22 Radiated power.EMI (6)
Level (dBuV/m) Date: 2004-09-02 Time: 16:35:49

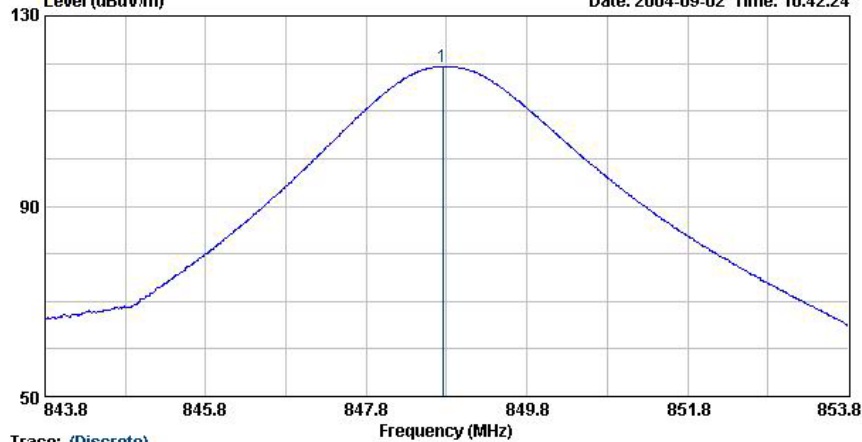


Site : 03CH06-HY
Condition : 3m BI LOG 2004 0629 HORIZONTAL 114cm 325deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V / 60Hz
Model : SCWi375u
Memo : GSM850 CH251 Link mode

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Preamp Factor	Cable Loss	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1	848.79	121.25	-----	-----	97.56	20.40	0.00	3.29	114 325

GSM 850 CH251 Vertical Polarization

Data: 6 File: D:\Project\481401_所羅門\Part 22 Radiated power.EMI (6)
Level (dBuV/m) Date: 2004-09-02 Time: 16:42:24



Site : 03CH06-HY
Condition : 3m BI LOG 2004 0629 VERTICAL 114cm 187deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V / 60Hz
Model : SCWi375u
Memo : GSM850 CH251 Link mode

	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Preamp Factor	Cable Loss	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1	848.75	119.44	-----	-----	95.75	20.40	0.00	3.29	114 187

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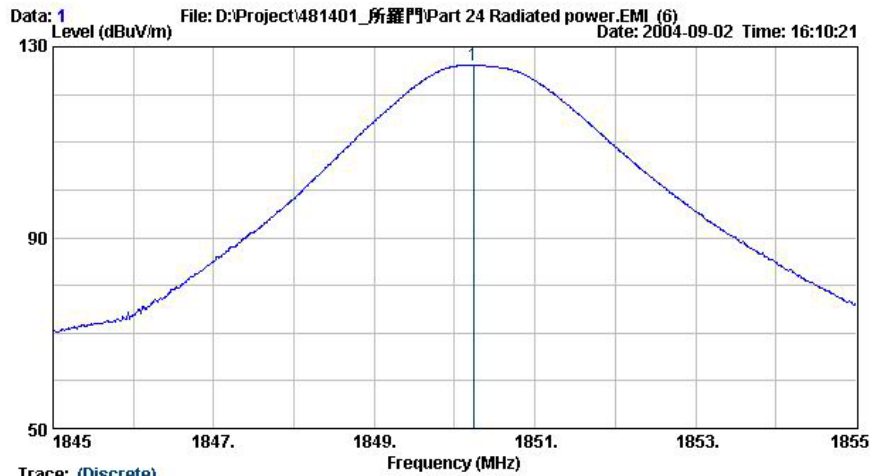
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Report No. : F481401

PCS 1900 CH512 Horizontal Polarization

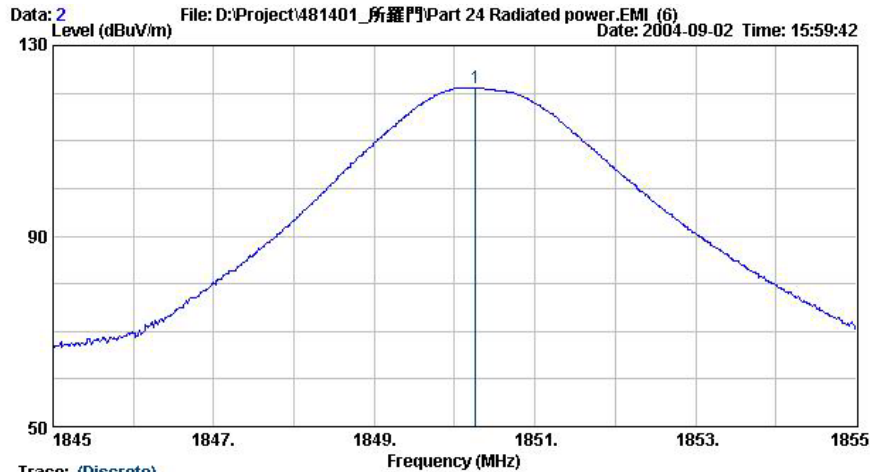


Trace: (Discrete)

Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 HORIZONTAL 114cm 353deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH512 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1850.23	126.16	-----	-----	96.00	27.25	0.00	2.91	114 353

PCS 1900 CH512 Vertical Polarization



Trace: (Discrete)

Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 VERTICAL 0cm 0deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH512 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1850.26	121.16	-----	-----	91.00	27.25	0.00	2.91	0 0

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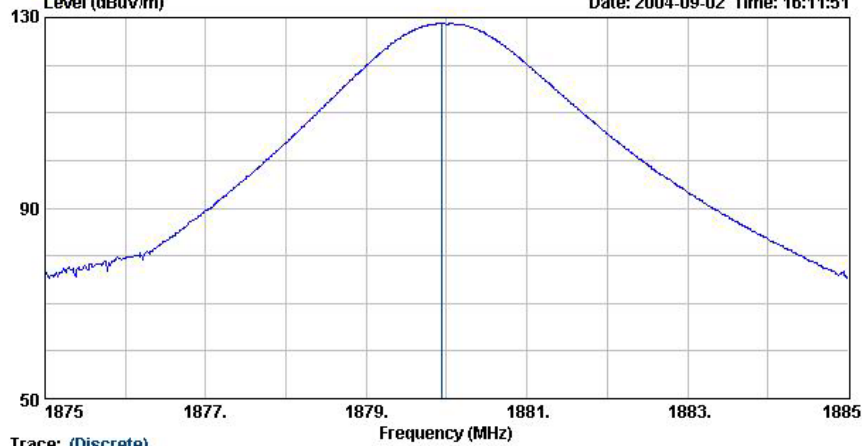
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Report No. : F481401

PCS 1900 CH661 Horizontal Polarization

Data: 3 File: D:\Project\481401_所羅門\Part 24 Radiated power.EML (6) Date: 2004-09-02 Time: 16:11:51

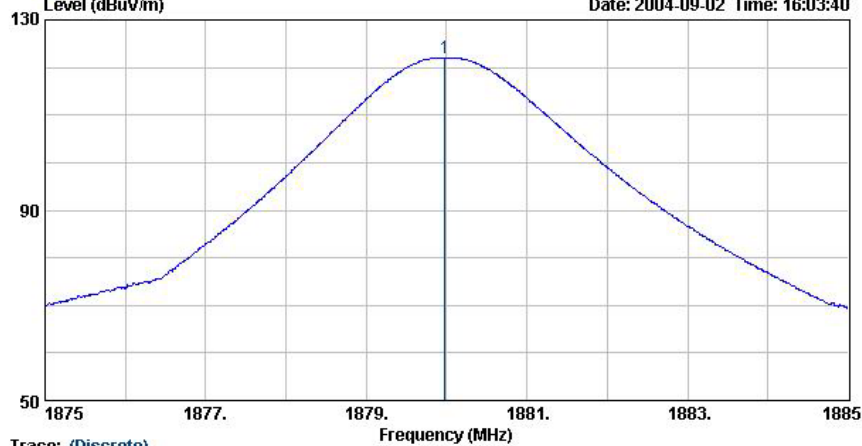


Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 HORIZONTAL 124cm 352deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH661 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1879.94	128.71	-----	-----	98.34	27.42	0.00	124	352

PCS 1900 CH661 Vertical Polarization

Data: 4 File: D:\Project\481401_所羅門\Part 24 Radiated power.EML (6) Date: 2004-09-02 Time: 16:03:40



Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 VERTICAL 0cm 0deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH661 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1879.98	122.06	-----	-----	91.69	27.42	0.00	0	0

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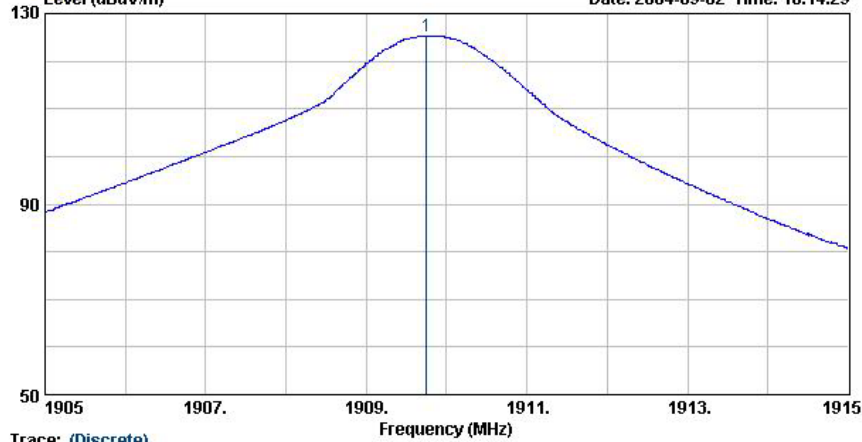
Issued Date Sep. 13, 2004

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Report No. : F481401

PCS 1900 CH810 Horizontal Polarization

Data: 5 File: D:\Project\481401_所羅門\Part 24 Radiated power.EML (6)
Level (dBuV/m) Date: 2004-09-02 Time: 16:14:29

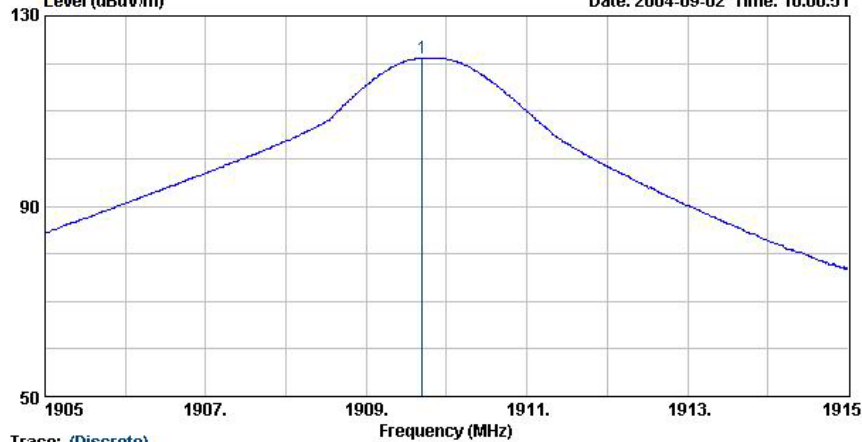


Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 HORIZONTAL 114cm 350deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH810 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1909.75	125.24	-----	-----	94.63	27.58	0.00	2.98	114 350

PCS 1900 CH810 Vertical Polarization

Data: 6 File: D:\Project\481401_所羅門\Part 24 Radiated power.EML (6)
Level (dBuV/m) Date: 2004-09-02 Time: 16:06:51



Site : 03CH06-HY
Condition : 3m HF-HORN AH-118 VERTICAL 139cm 185deg
EUT : 802.11b USB WLAN Dongle with GPRS modem
Power : AC 120V/60Hz
Model : SCWi375u
Memo : PCS CH810 Link mode

	Freq	Level	Over	Limit	ReadAntenna	Preamp	Cable	Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg
1 @	1909.70	121.15	-----	-----	90.59	27.58	0.00	2.98	139 185

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FCC ID SCWi375U

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Name of Test: Emission Masks (Occupied Bandwidth)

Specification: 47 CFR 2.1049(c)(1), 22

Test Equipment: As per attached page

Measurement Procedure

1. The EUT and test equipment were set up as shown on the following page with the Spectrum Analyzer connected.
2. For EUTs supporting digital modulation, the digital modulation mode was operated to its maximum extent.
3. The occupied bandwidth was measured with the Spetrum Analyzer controls set as shown on the test results.
4. Measurement Results: Attached



Tested By:

Tim Kao

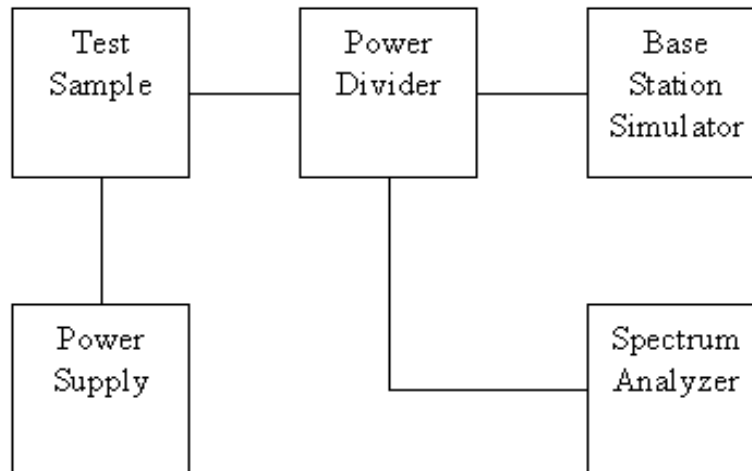
FCC TEST REPORT

Report No. : F481401

Transmitter Spurious Emission

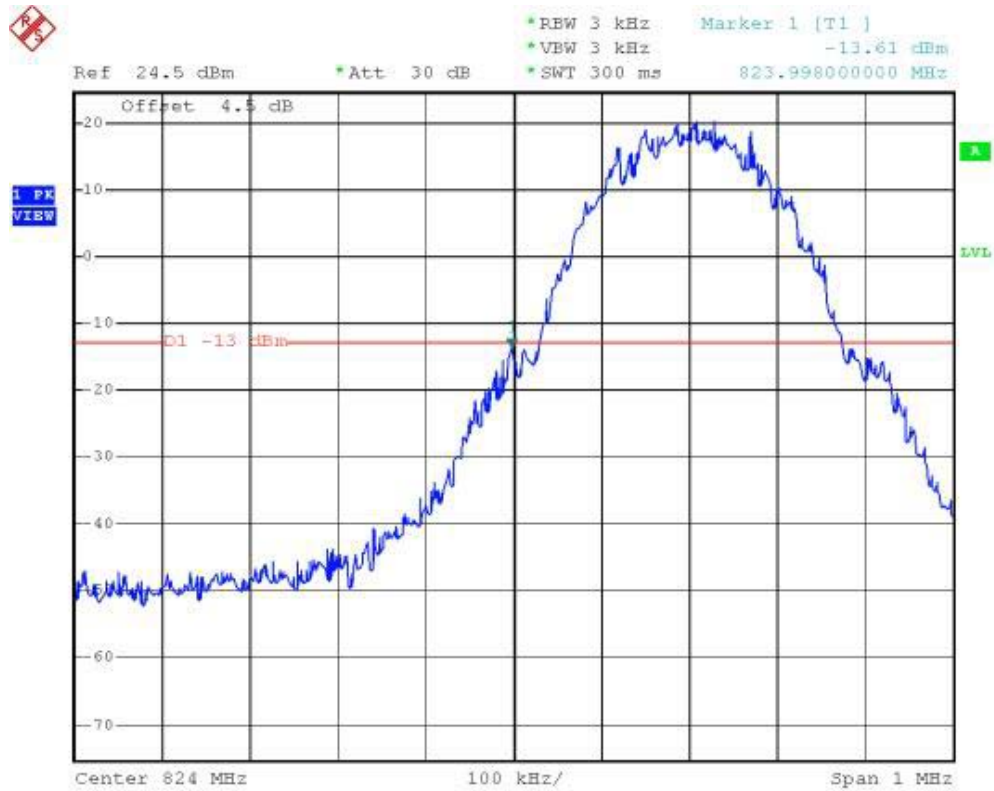
Test A. Occupied Bandwidth (In-Band Spurious)

Test B. Out-of-Band Spurious



Asset	Model Name	S/N
Base Station Simulator	CMU200	102278
Base Station Simulator	E5515C	GB43460754
Spectrum Analyzer	FSP30	838858/014
AC/DC Power Source	HPA-500W	HPA0100024

Name of Test: Emission Masks (Occupied Bandwidth)
State 2:High Power



Date: 7.SEP.2004 09:49:13

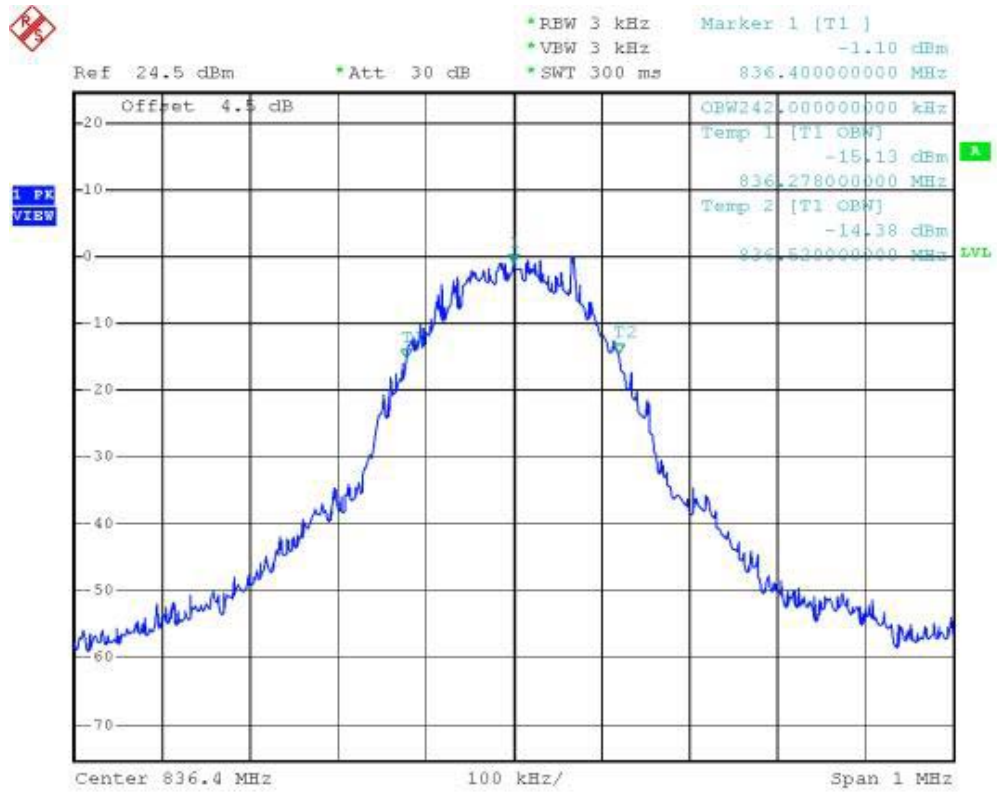
Power: HIGH
Modulation: GSM 850
LOWER BAND EDGE

FCC TEST REPORT

Report No. : F481401

Name of Test: Emission Masks (Occupied Bandwidth)

State 1:Low Power



Date: 7.SEP.2004 09:51:52

Power: LOW
Modulation: GSM 850
99% BANDWIDTH

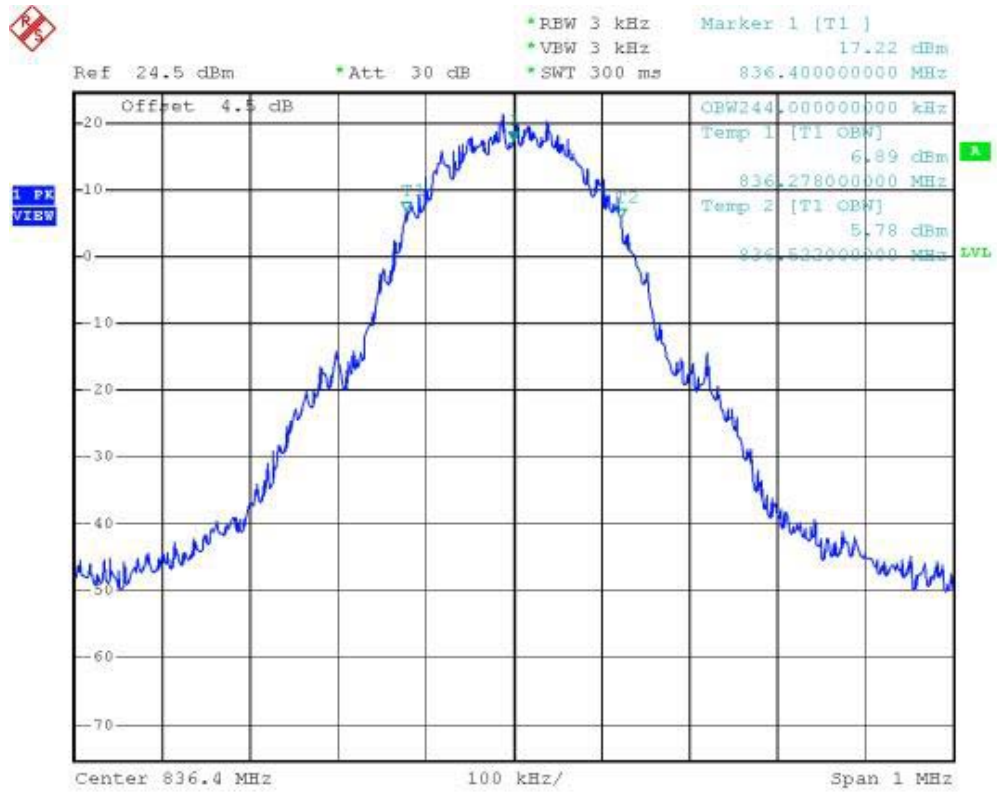
SPORTON International Inc.
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FCC ID: SCWI375U
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FCC TEST REPORT

Report No. : F481401

Name of Test: Emission Masks (Occupied Bandwidth)
State 2:High Power



Date: 7.SEP.2004 09:50:58

Power: HIGH
Modulation: GSM 850
99% BANDWIDTH

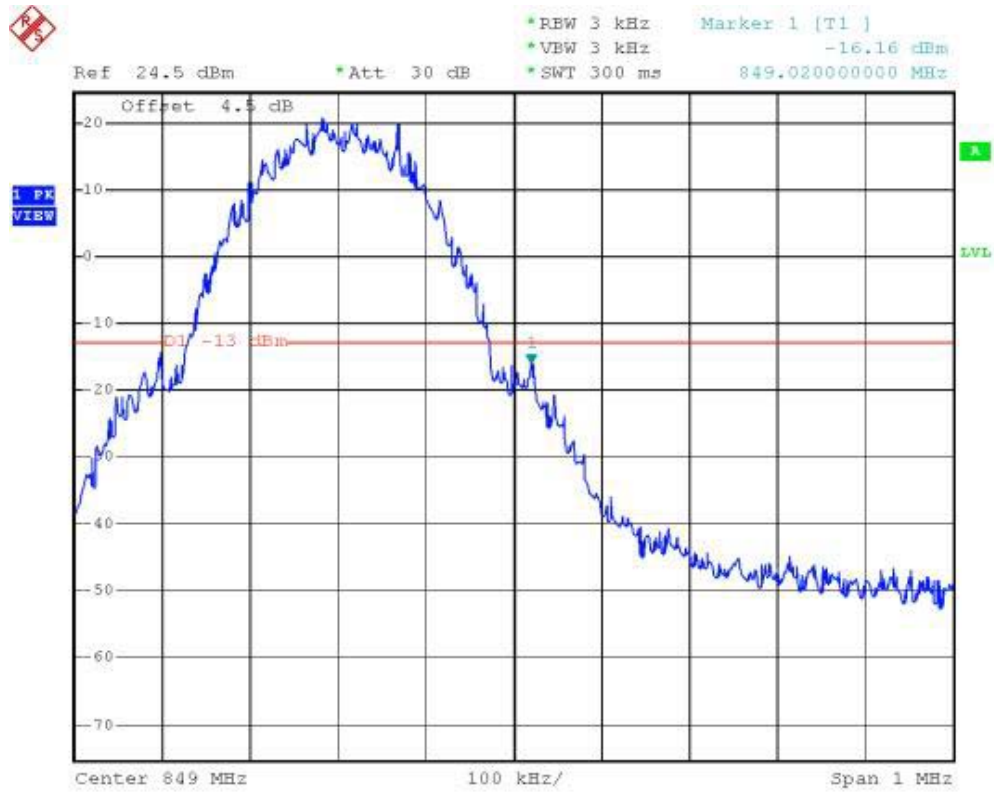
SPORTON International Inc.
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FCC TEST REPORT

Report No. : F481401

Name of Test: Emission Masks (Occupied Bandwidth)
State 2:High Power



Date: 7.SEP.2004 09:49:54

Power: HIGH
Modulation: GSM 850
UPPER BAND EDGE

FCC TEST REPORT

Report No. : F481401

Name of Test: Transmitter Conducted Measurements

Specification: 47 CFR 2.1051: Unwanted (spurious) Emissions
2.1049(c), 24.238(b): Occupied Bandwidth
24: Emissions at Band Edges

Test Equipment: As per attached page

Measurement Procedure

1. The EUT and test equipment were set up as shown on the following page with the Spectrum Analyzer connected.
2. The low and high channels for all RF powers within the Transmitting frequency band were measured.
3. Measurement Results: Attached



Tested By:

Tim Kao

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FCC ID

SCWI375U

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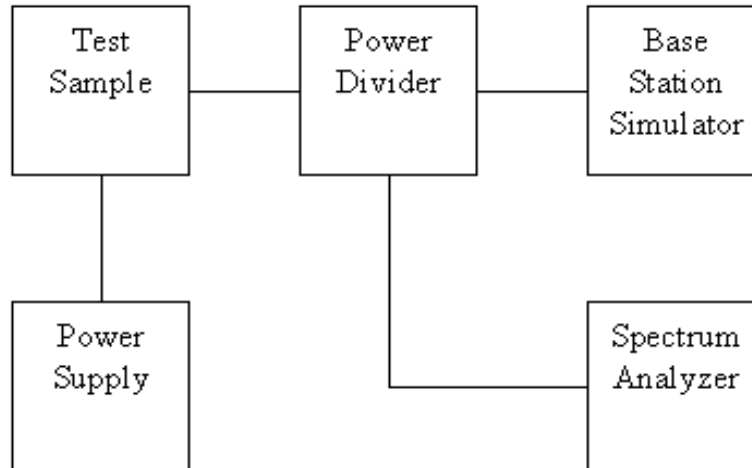
Issued Date

Sep. 13, 2004

Transmitter Spurious Emission

Test A. Occupied Bandwidth (In-Band Spurious)

Test B. Out-of-Band Spurious

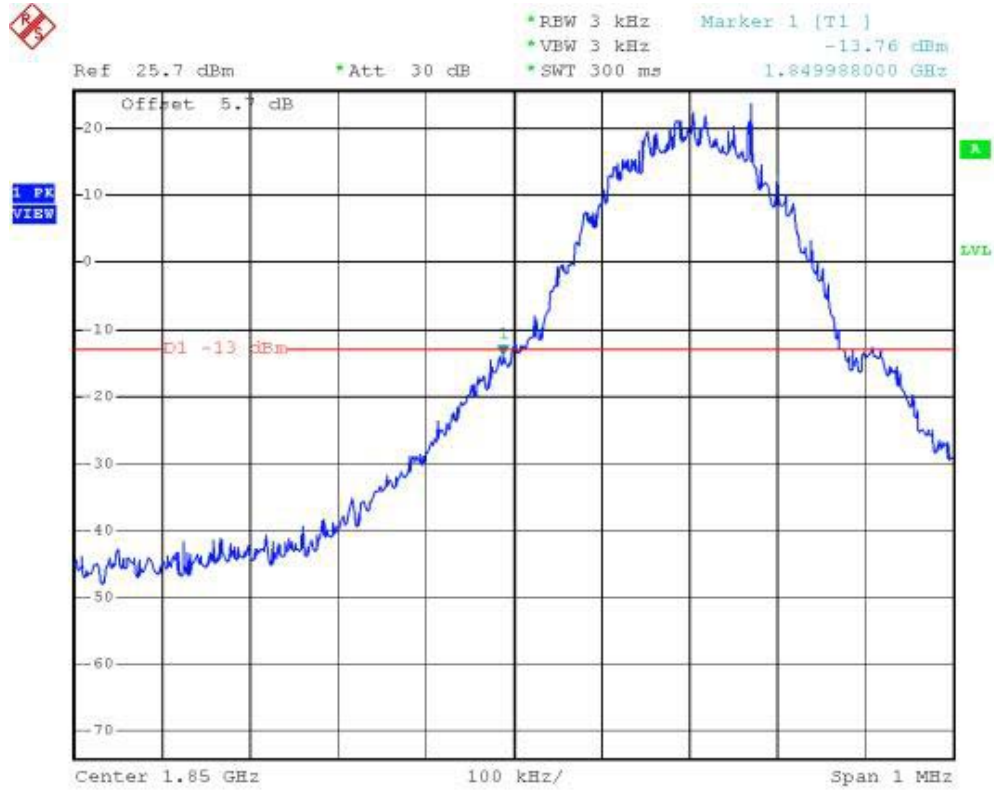


Asset	Model Name	S/N
Base Station Simulator	CMU200	102278
Base Station Simulator	E5515C	GB43460754
Spectrum Analyzer	FSP30	838858/014
AC/DC Power Source	HPA-500W	HPA0100024

FCC TEST REPORT

Report No. : F481401

Name of Test: Emission Masks (Occupied Bandwidth)
State 2:High Power



Date: 7.SEP.2004 09:41:09

Power: HIGH
Modulation: PCS 1900
LOWER BAND EDGE

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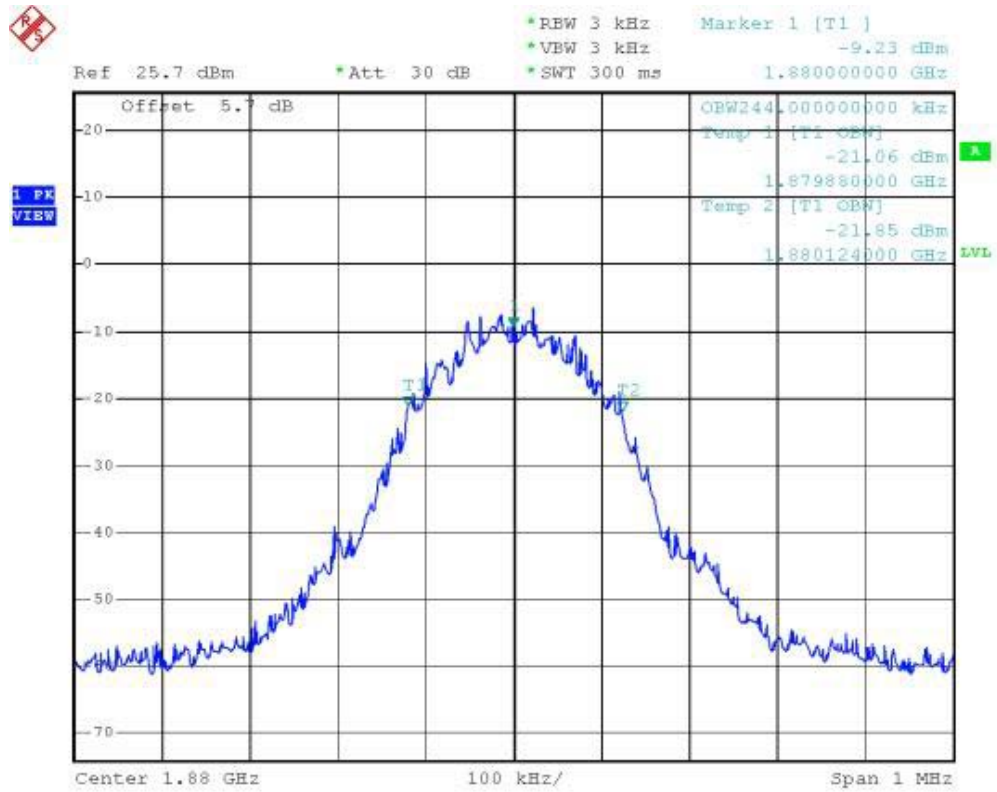
FCC ID SCWI375U
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FCC TEST REPORT

Report No. : F481401

Name of Test: Emission Masks (Occupied Bandwidth)

State 1:Low Power



Date: 7.SEP.2004 09:44:03

Power: LOW
Modulation: PCS 1900
99% BANDWIDTH

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FAX : 886-2-2696-2255

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