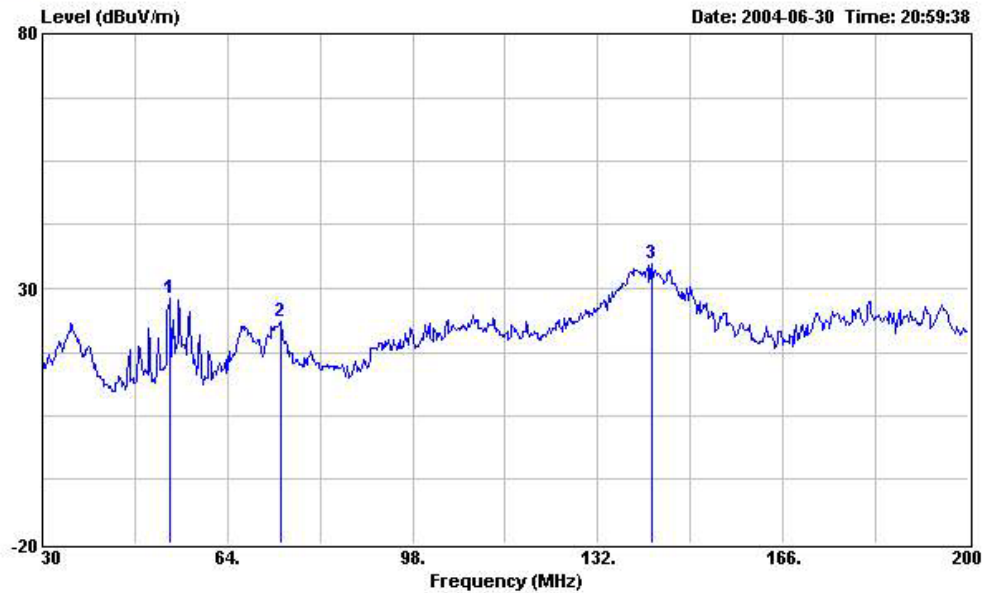


FCC TEST REPORT

Report No. : F451209

Radiated Scanned Data
Mode: Adapter
GSM1900, Horizontal Polarization



Site : 03CH03-HY
Condition : 3m BIC-9124--301 HORIZONTAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp	Remark	Ant	Table
			Limit	Line							
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	53.460	28.12	-----	-----	45.60	10.16	0.35	27.99	Peak	---	---
2	73.860	23.47	-----	-----	41.97	9.06	0.39	27.95	Peak	---	---
3	141.860	34.84	-----	-----	50.08	11.86	0.72	27.82	Peak	---	---

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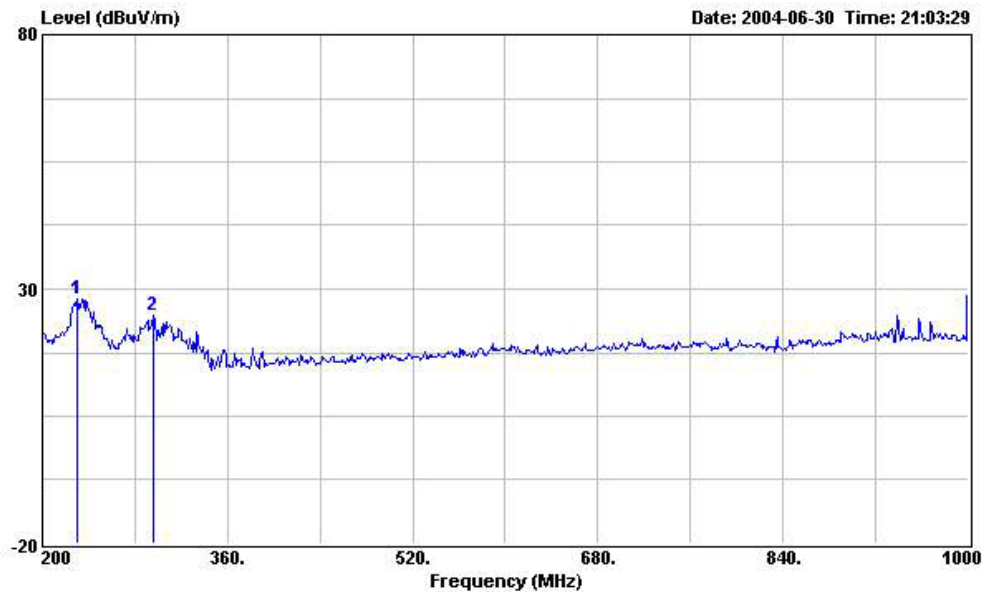
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID PJO2600

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Issued Date July 8, 2004

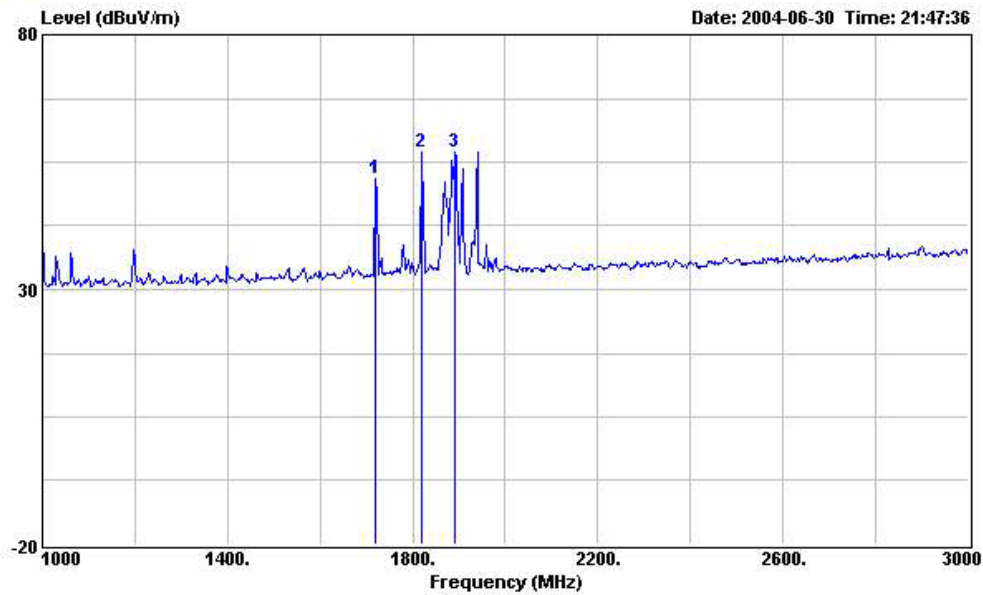


Site : 03CH03-HY
 Condition : 3m LOG-9111-221 HORIZONTAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	230.400	28.03	-----	-----	41.22	13.45	0.94	27.58	Peak	---	---
2	295.200	24.80	-----	-----	37.97	13.06	1.09	27.32	Peak	---	---

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1718.000	51.81	-----	-----	65.00	26.07	1.48	40.74	Peak	---	---
2	1820.000	57.07	-----	-----	69.93	26.45	1.49	40.80	Peak	---	---
3	1892.000	56.84	-----	-----	69.47	26.71	1.50	40.84	Peak	---	---

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TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

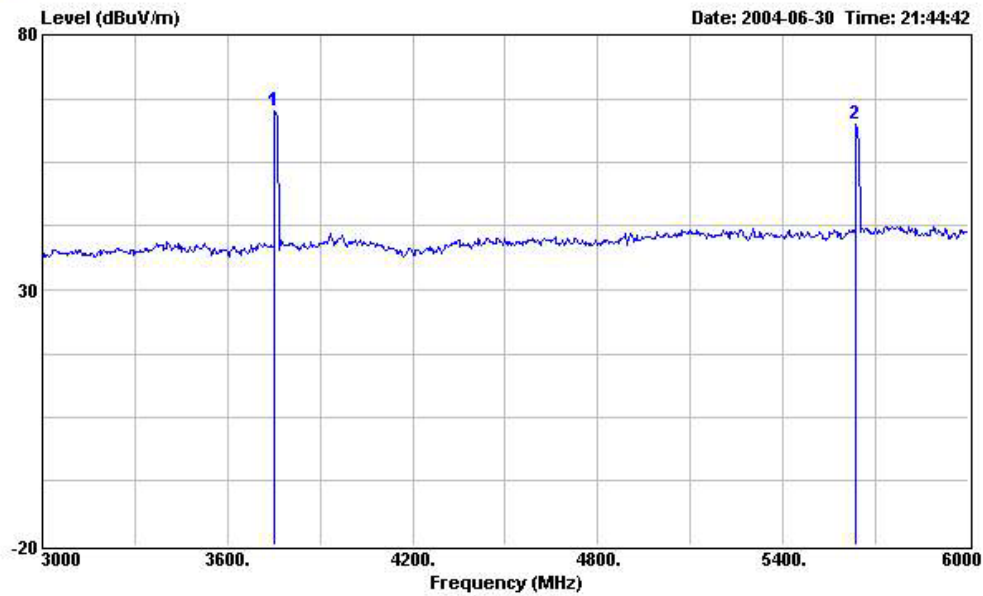
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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

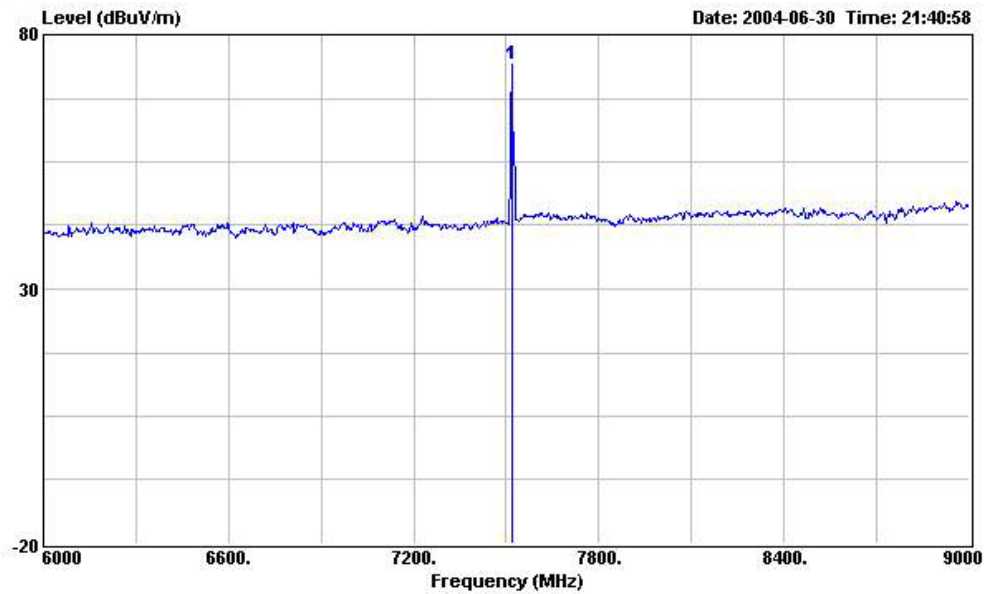
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3753.000	65.12	-----	-----	72.72	32.04	1.77	41.41	Peak	---	---
2	5637.000	62.31	-----	-----	68.43	34.46	2.58	43.16	Peak	---	---

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

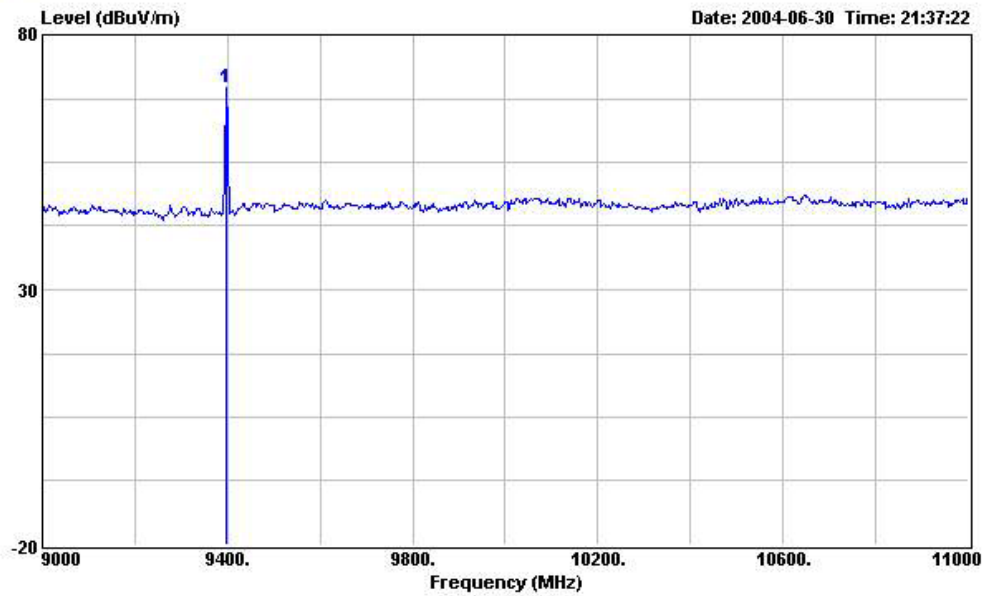
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	7518.000	74.06	-----	-----	77.03	36.72	2.69	42.38	Peak	---	---

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 HORIZONTAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	9398.000	69.56	-----	-----	67.58	38.20	3.94	40.16	Peak	---	---

SPORTON International Inc.

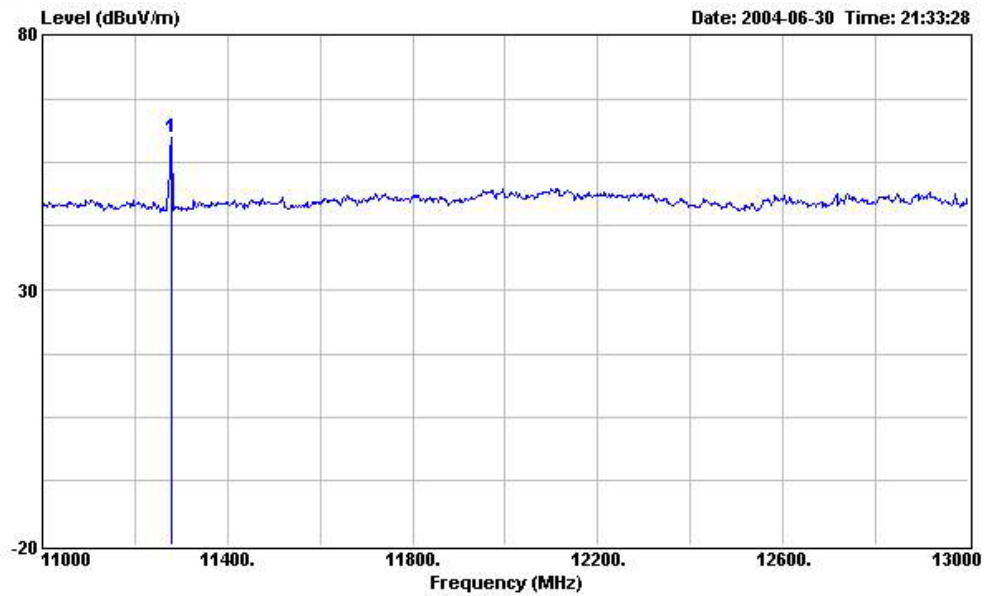
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

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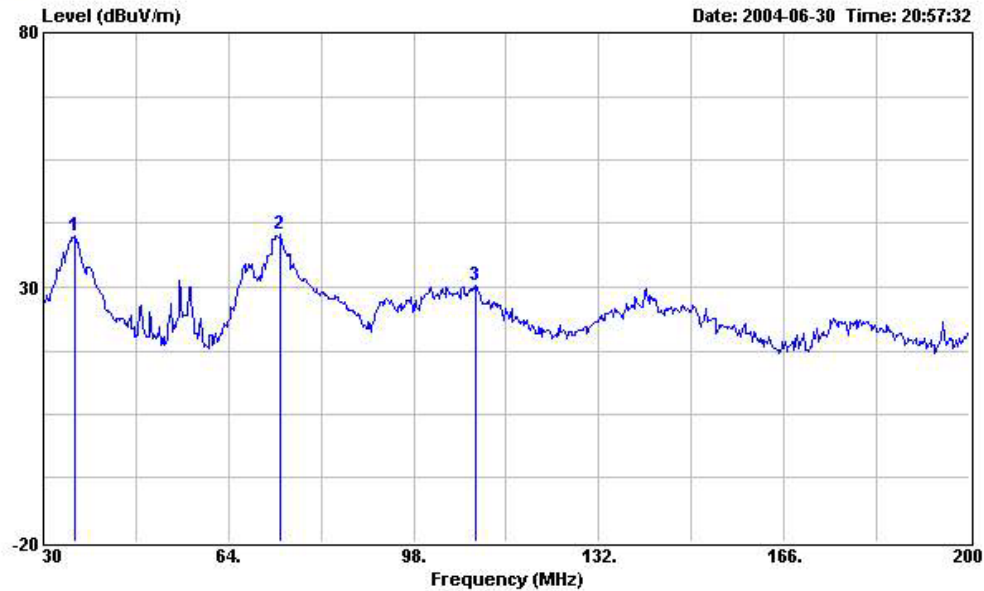
Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	11278.000	59.90	-----	-----	56.43	39.20	4.21	39.94	Peak	---	---

FCC TEST REPORT

Report No. : F451209

Mode: Adapter
GSM1900, Vertical Polarization

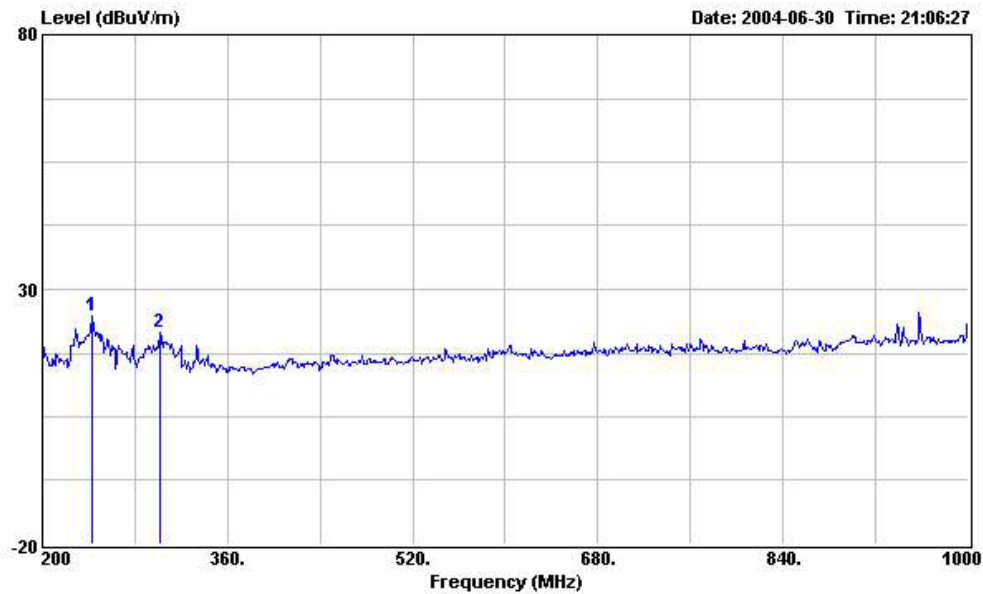


Site : 03CH03-HY
Condition : 3m BIC-9124--301 VERTICAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	35.780	40.02	-----	-----	55.02	12.79	0.24	28.03	Peak	---	---
2	73.350	40.49	-----	-----	58.99	9.04	0.41	27.95	Peak	---	---
3	109.390	30.22	-----	-----	47.15	10.40	0.55	27.88	Peak	---	---

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m LOG-9111-221 VERTICAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	243.200	24.91	-----	-----	38.82	12.69	0.93	27.53	Peak	---	---
2	301.600	21.42	-----	-----	34.39	13.30	1.04	27.31	Peak	---	---

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TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

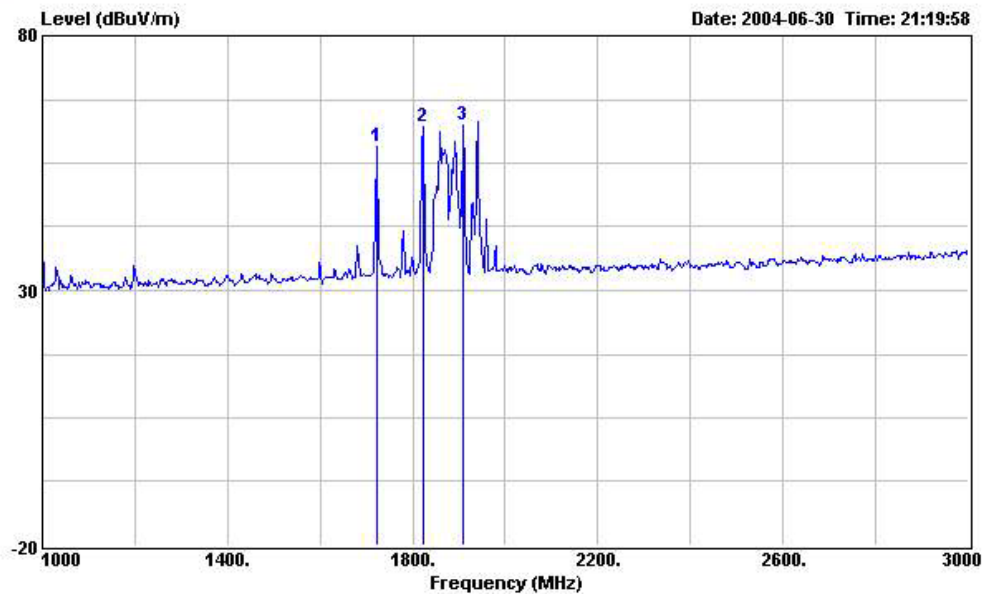
FCC ID PJO2600

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1724.000	58.25	-----	-----	71.42	26.09	1.48	40.74	Peak	---	---
2	1822.000	62.12	-----	-----	74.98	26.45	1.49	40.80	Peak	---	---
3	1910.000	62.55	-----	-----	75.12	26.78	1.50	40.85	Peak	---	---

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

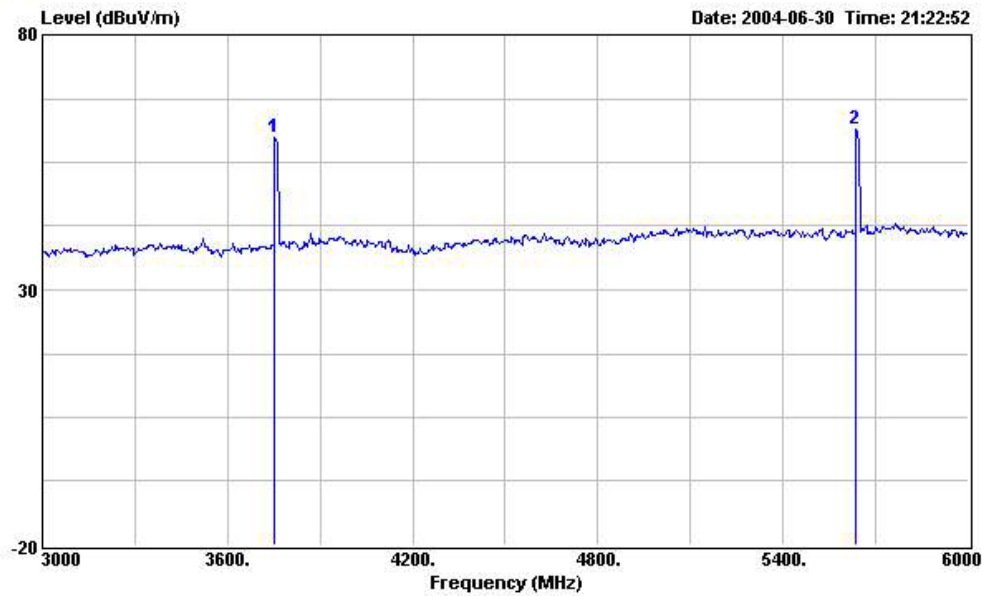
FCC ID PJO2600

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 VERTICAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

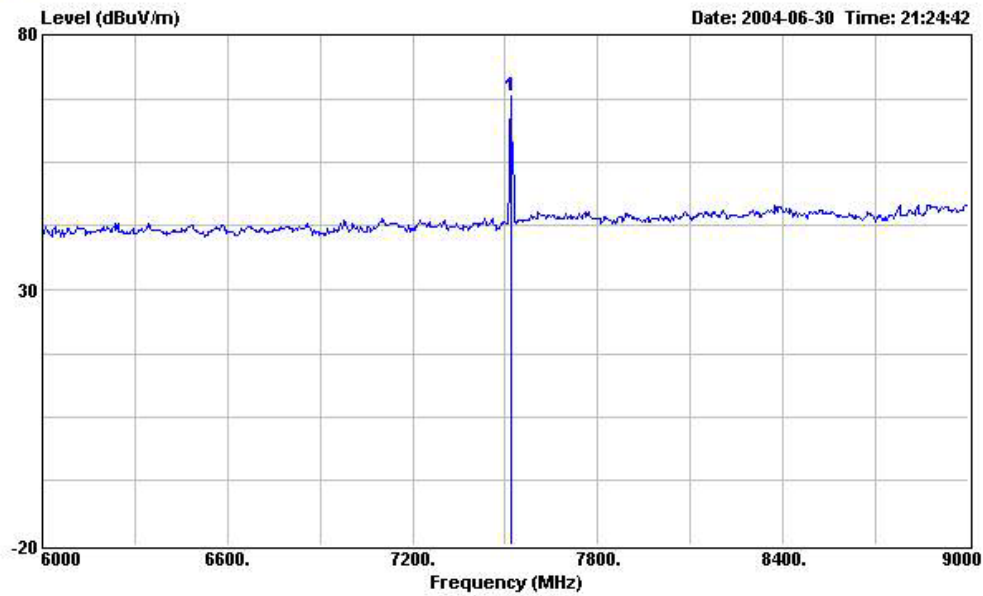
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3753.000	59.71	-----	-----	67.31	32.04	1.77	41.41	Peak	---	---
2	5637.000	61.57	-----	-----	67.69	34.46	2.58	43.16	Peak	---	---

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	7518.000	67.83	-----	-----	70.80	36.72	2.69	42.38	Peak	---	---

SPORTON International Inc.

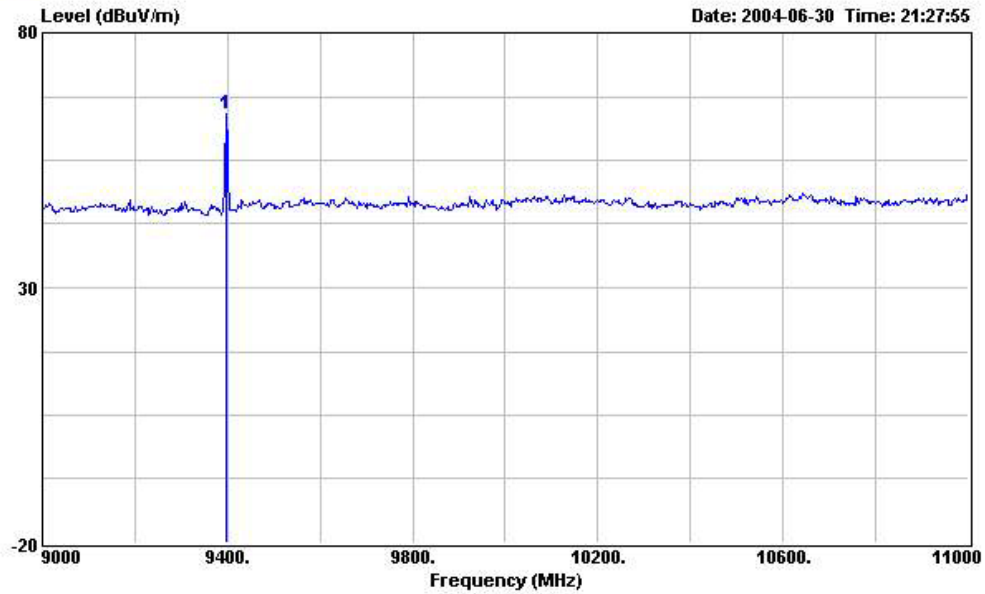
TEL : 886-2-2696-2468

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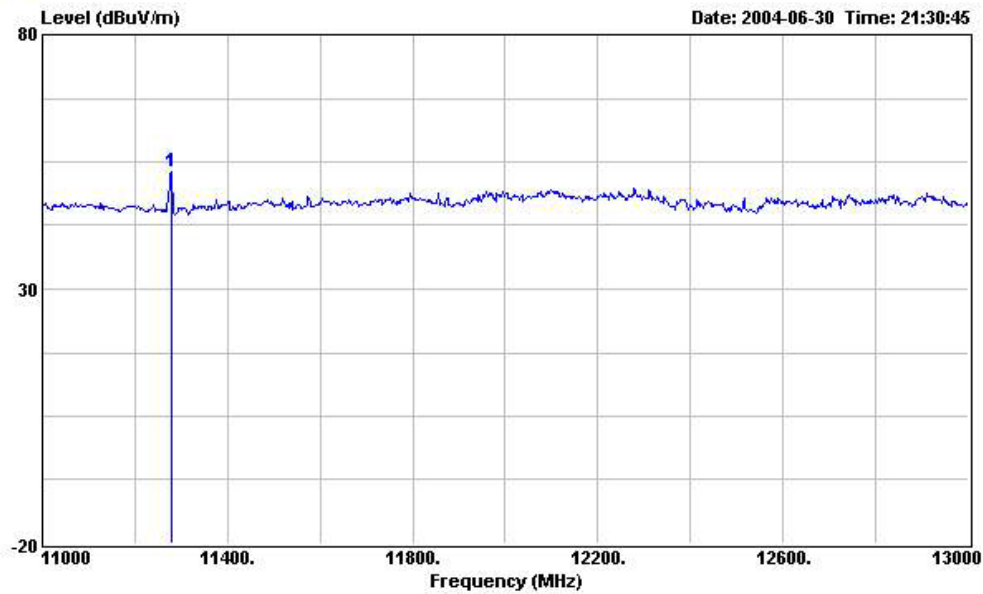


Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 VERTICAL
 EUT : Mobile Phone
 Power : 120V/60Hz
 Model : 2600
 Memo : PCS Link Mode CH:661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	9398.000	64.02	-----	-----	62.04	38.20	3.94	40.16	Peak	---	---

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Power : 120V/60Hz
Model : 2600
Memo : PCS Link Mode CH:661

Freq	Level	Over	Limit	Read	Probe	Cable	Preamp	Remark	Ant	Table
		Limit	Line							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1 11278.000	52.94	-----	-----	49.47	39.20	4.21	39.94	Peak	---	---

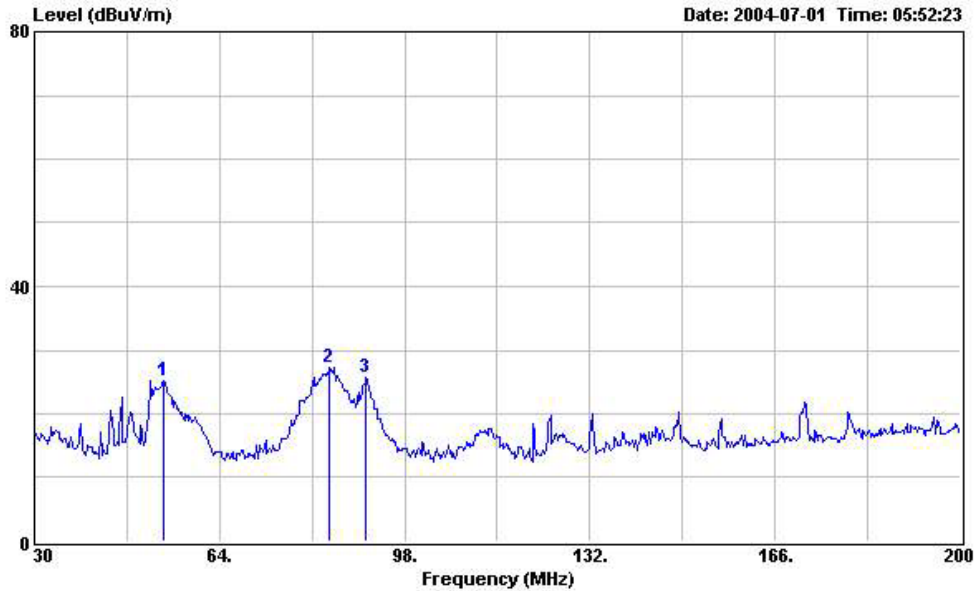
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FAX : 886-2-2696-2255

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FCC TEST REPORT

Report No. : F451209

Radiated Scanned Data
Mode: Car Charger
GSM1900, Horizontal Polarization

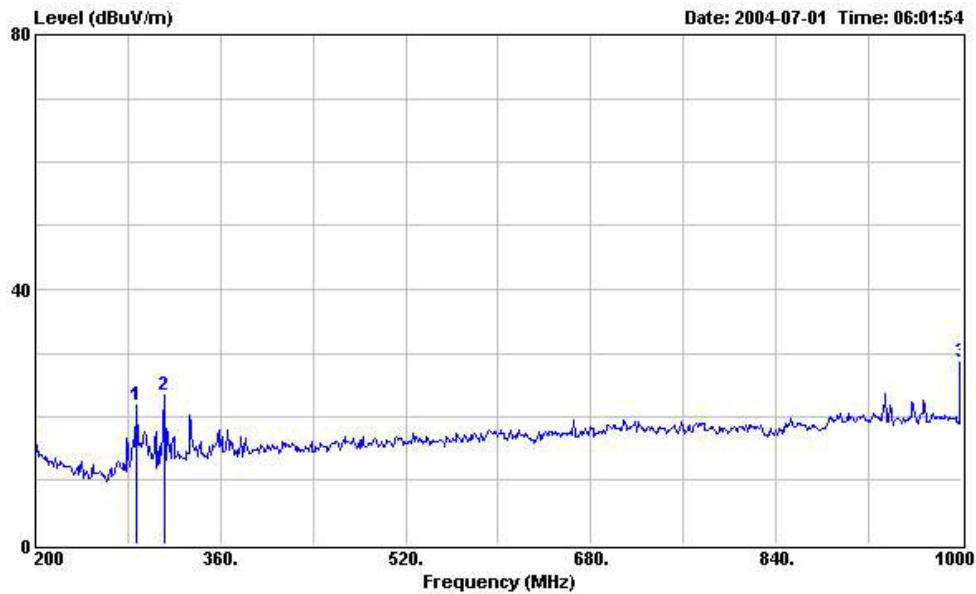


Site : 03CH03-HY
Condition : 3m BIC-9124--301 HORIZONTAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp	Remark	Ant	Table
			Limit	Line							
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	53.630	25.28	-----	-----	42.74	10.17	0.36	27.99	Peak	---	---
2	84.230	27.28	-----	-----	45.12	9.70	0.39	27.93	Peak	---	---
3	90.860	25.66	-----	-----	43.80	9.30	0.48	27.92	Peak	---	---

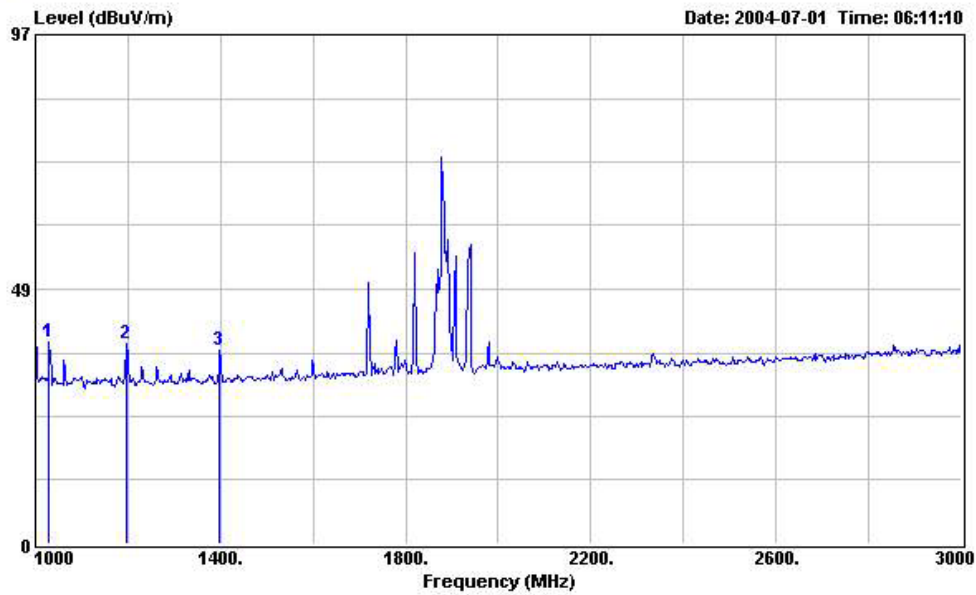
FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m LOG-9111-221 HORIZONTAL
 EUT : Mobile Phone
 Model : 2600
 Power : DC1 2V
 Memo : Car Charger+Earphone
 : PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	288.000	21.79	-----	-----	35.11	12.89	1.14	27.35	Peak	---	---
2	311.200	23.33	-----	-----	35.79	13.86	1.04	27.36	Peak	---	---
3	1000.000	28.55	-----	-----	32.84	22.23	1.68	28.20	Peak	---	---

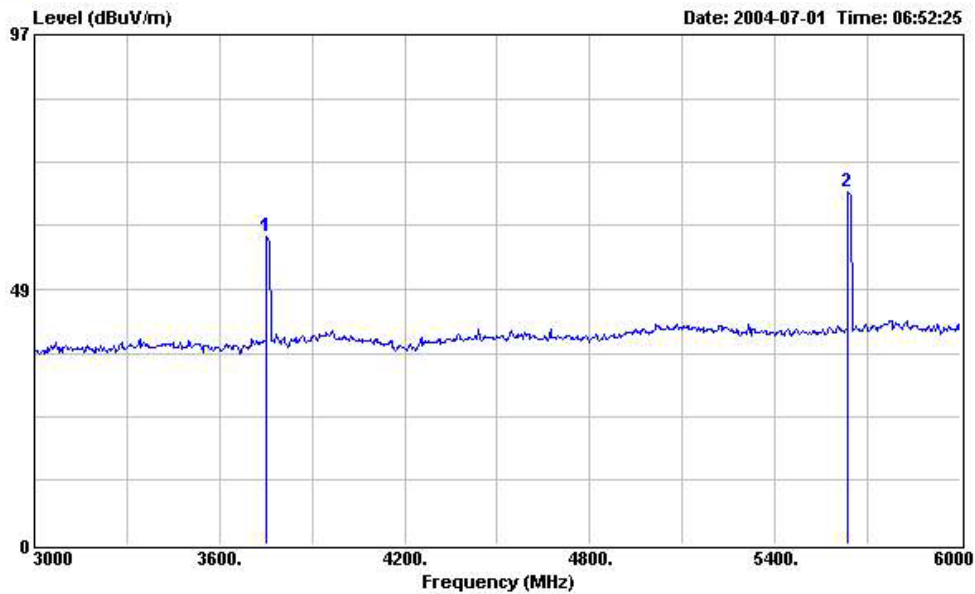


Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Model : 2600
 Power : DC1 2V
 Memo : Car Charger+Earphone
 PCS Link Mode;CH 661

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1030.000	38.50	-----	-----	53.58	23.91	1.15	40.14	Peak	---	---
2	1198.000	37.98	-----	-----	52.65	24.38	1.26	40.31	Peak	---	---
3	1398.000	36.80	-----	-----	50.96	24.95	1.40	40.51	Peak	---	---

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Model : 2600
 Power : DC1 2V
 Memo : Car Charger+Earphone
 PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3753.000	58.65	-----	-----	66.25	32.04	1.77	41.41	Peak	---	---
2	5637.000	67.04	-----	-----	73.16	34.46	2.58	43.16	Peak	---	---

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FAX : 886-2-2696-2255

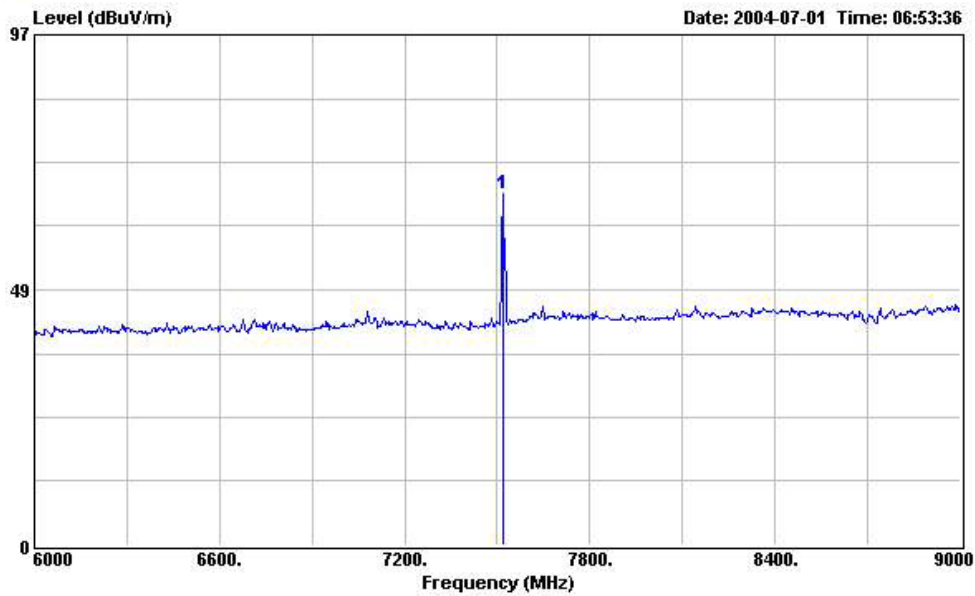
FCC ID PJO2600

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 HORIZONTAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	7518.000	66.74	-----	-----	69.71	36.72	2.69	42.38	Peak	---	---

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TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

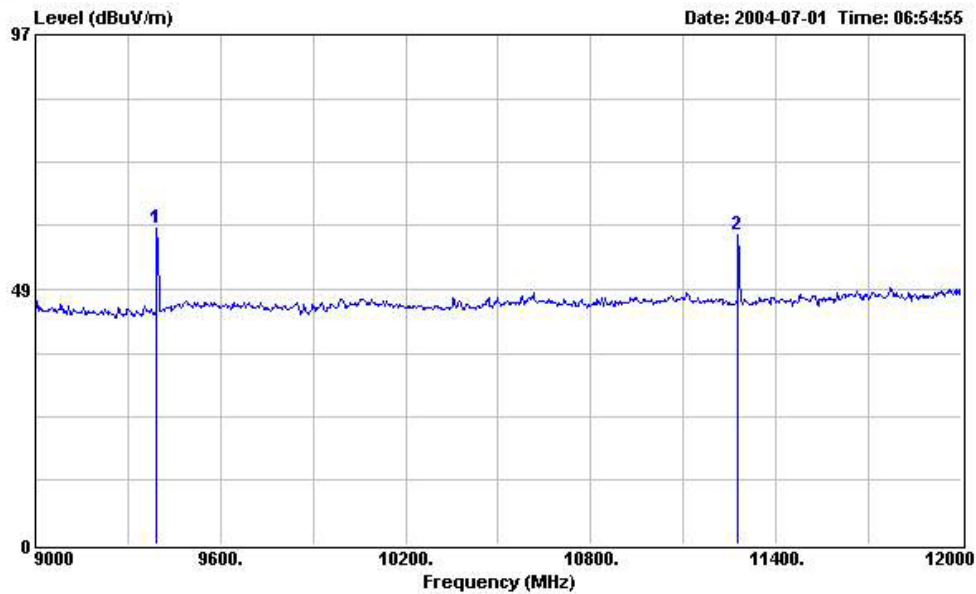
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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 HORIZONTAL
 EUT : Mobile Phone
 Model : 2600
 Power : DC1 2V
 Memo : Car Charger+Earphone
 PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	9393.000	60.05	-----	-----	58.08	38.20	3.94	40.17	Peak	---	---
2	11277.000	58.88	-----	-----	55.40	39.20	4.21	39.93	Peak	---	---

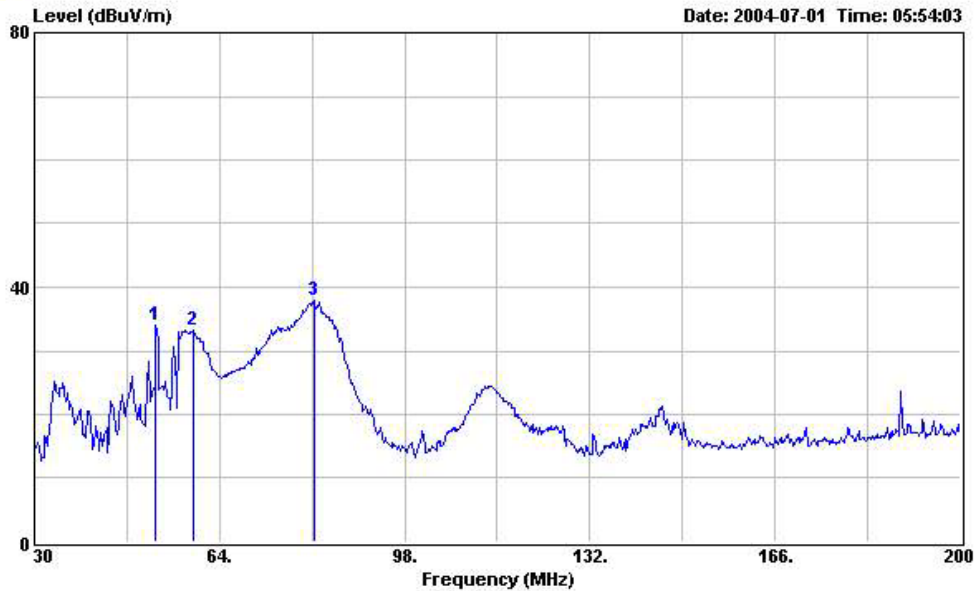
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FCC ID : PJO2600
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FCC TEST REPORT

Report No. : F451209

Mode: Car Charger
GSM1900, Vertical Polarization



Site : 03CH03-HY
Condition : 3m BIC-9124--301 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

Freq	Level	Over	Limit	Read	Probe	Cable	Preamp	Remark	Ant	Table
		Limit	Line							
MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	52.270	34.01	-----	51.54	10.13	0.33	27.99	Peak	---	---
2	59.070	33.34	-----	50.59	10.27	0.46	27.98	Peak	---	---
3	81.340	37.90	-----	55.83	9.59	0.42	27.94	Peak	---	---

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

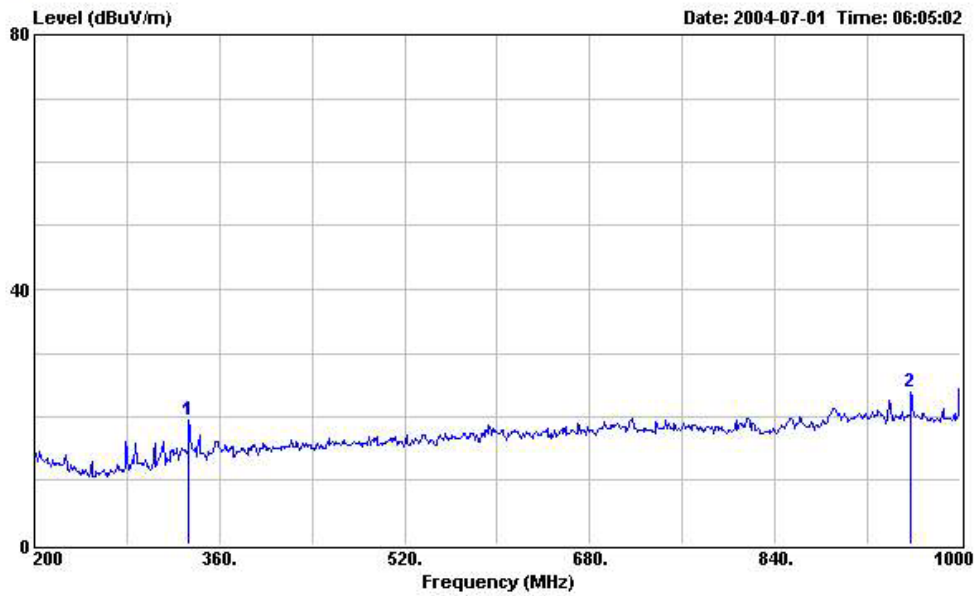
FCC ID PJO2600

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FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m LOG-9111-221 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	333.600	19.55	-----	-----	30.91	15.01	1.10	27.47	Peak	---	---
2	957.600	23.99	-----	-----	28.74	21.90	1.59	28.24	Peak	---	---

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TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

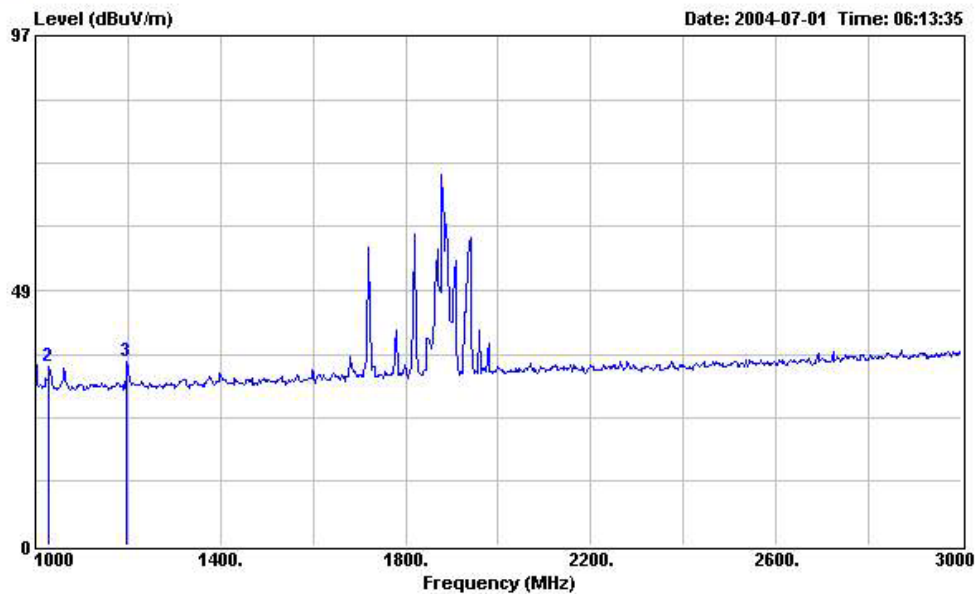
FCC ID PJO2600

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Issued Date July 8, 2004

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	1000.000	35.81	-----	-----	51.00	23.80	1.11	40.10	Peak	---	---
2	1030.000	34.01	-----	-----	49.09	23.91	1.15	40.14	Peak	---	---
3	1198.000	34.99	-----	-----	49.66	24.38	1.26	40.31	Peak	---	---

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

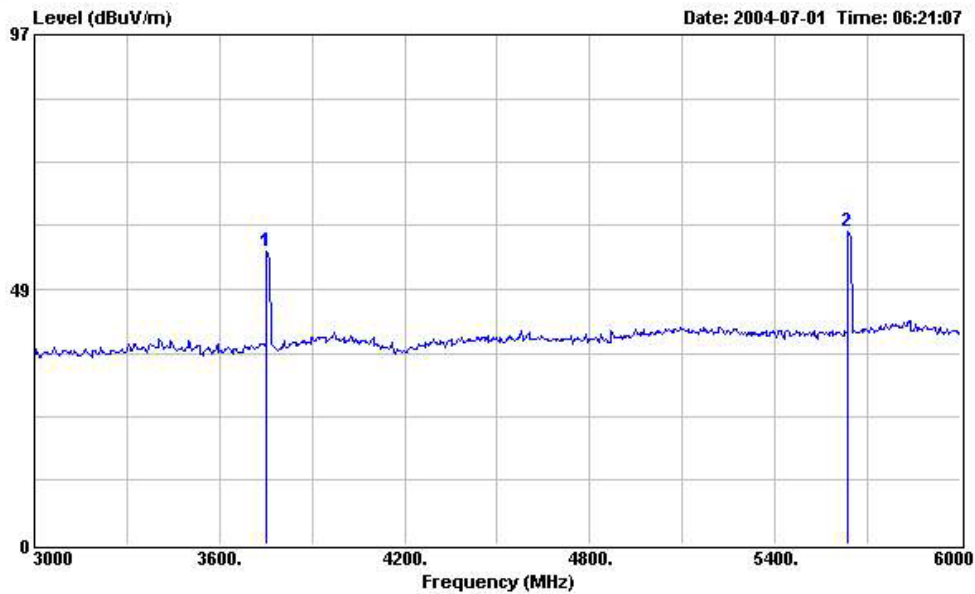
FCC ID PJO2600

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Issued Date July 8, 2004

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	3753.000	55.85	-----	-----	63.45	32.04	1.77	41.41	Peak	---	---
2	5637.000	59.43	-----	-----	65.55	34.46	2.58	43.16	Peak	---	---

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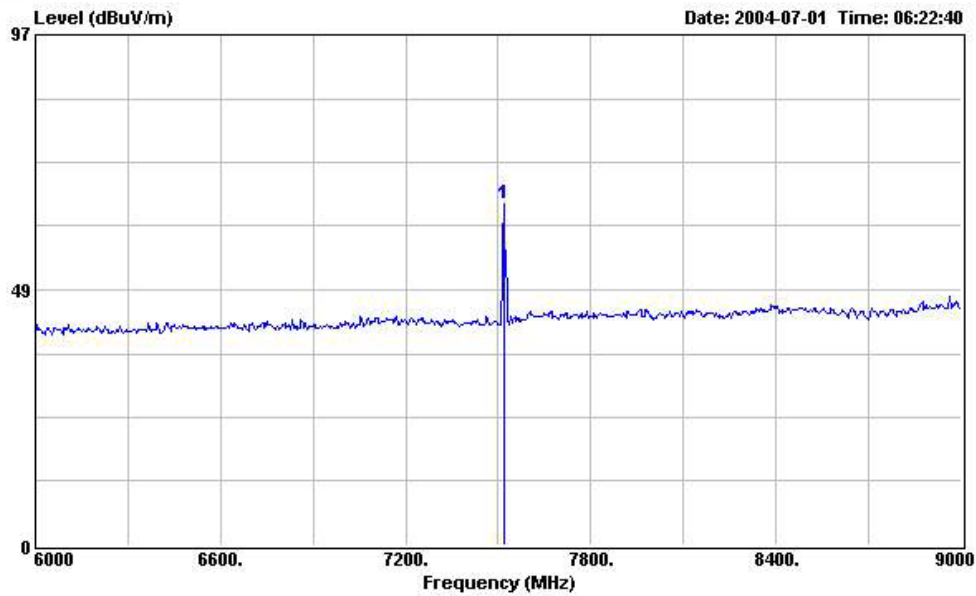
FCC ID PJO2600

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Issued Date July 8, 2004

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	7518.000	64.73	-----	-----	67.70	36.72	2.69	42.38	Peak	---	---

SPORTON International Inc.

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FAX : 886-2-2696-2255

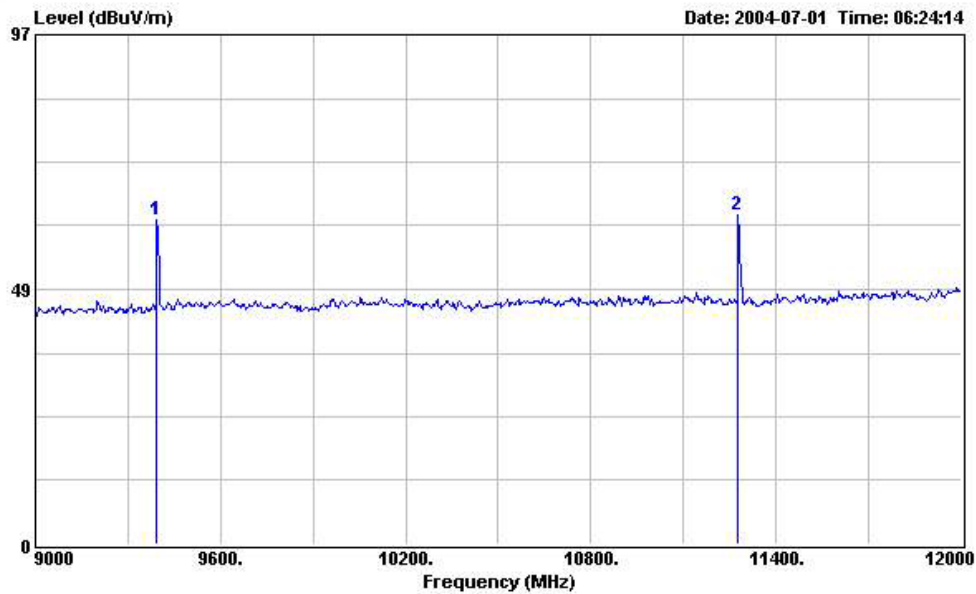
FCC ID PJO2600

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Issued Date July 8, 2004

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
 Condition : 3m HORN-ANT-6821 VERTICAL
 EUT : Mobile Phone
 Model : 2600
 Power : DC1 2V
 Memo : Car Charger+Earphone
 PCS Link Mode;CH 661

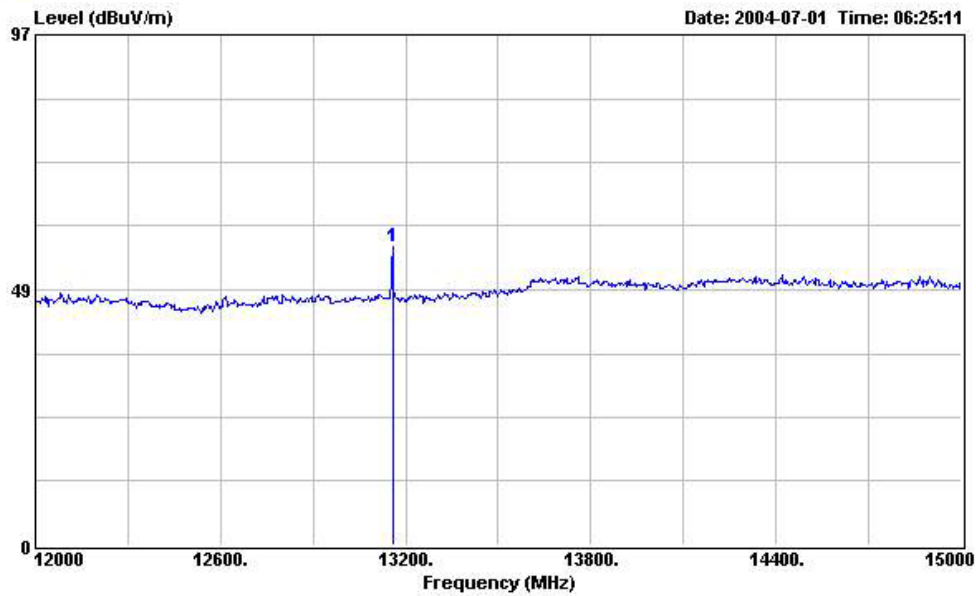
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	9393.000	61.83	-----	-----	59.86	38.20	3.94	40.17	Peak	---	---
2	11277.000	62.67	-----	-----	59.19	39.20	4.21	39.93	Peak	---	---

SPORTON International Inc.
 TEL : 886-2-2696-2468
 FAX : 886-2-2696-2255

FCC ID : PJO2600
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 Issued Date : July 8, 2004

FCC TEST REPORT

Report No. : F451209



Site : 03CH03-HY
Condition : 3m HORN-ANT-6821 VERTICAL
EUT : Mobile Phone
Model : 2600
Power : DC1 2V
Memo : Car Charger+Earphone
PCS Link Mode;CH 661

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	13158.000	56.80	-----	-----	53.62	39.70	5.18	41.70	Peak	---	---

SPORTON International Inc.

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FAX : 886-2-2696-2255

FCC ID PJO2600

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Issued Date July 8, 2004

Name of Test: Frequency Stability (Temperature Variation)

Specification: 47 CFR 2.1055(a)(1)

Test Conditions: As Indicated

Test Equipment: As per previous page

Measurement Procedure

1. The EUT and test equipment were set up as shown on the following page.
2. With all power removed, the temperature was decreased to -30°C and permitted to stabilize for three hours. Power was applied and the maximum change in frequency was noted within one minute.
3. With power OFF, the temperature was raised in 10°C steps. The sample was permitted to stabilize at each step for at least one-half hour. Power was applied and the maximum frequency change was noted within one minute.
4. The temperature tests were performed for the worst case.
5. Measurement Results: Attached



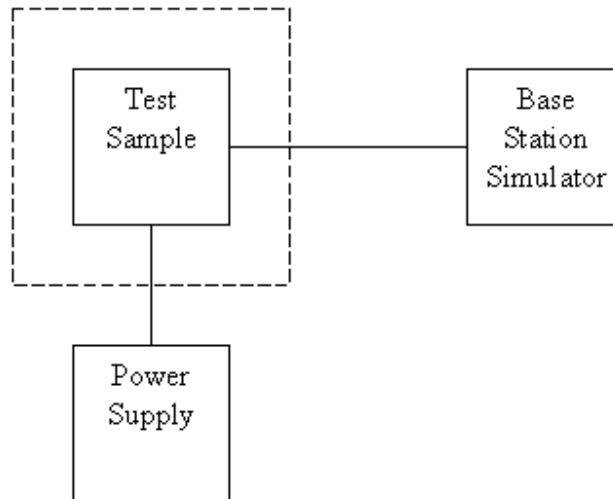
Tested By:

Tim Kao

Transmitter Test Set-Up

Frequency Stability: Temperature Variation

Frequency Stability: Voltage Variation



Asset	Model Name	S/N
Temperature & Humidity Controller	P-9000	612
AC/DC Power Source	HPA-500W	HPA0100024
Base Station Simulator	CMU200	102278
Base Station Simulator	E5515C	GB43460754

Name of Test: Frequency Stability (Temperature Variation)

GSM 1900 (Channel 661)

Temperature(°C)	Change, Hz	Change, ppm
-30	-78	-0.04
-20	87	0.05
-10	92	0.05
0	85	0.04
10	85	0.04
20	97	0.05
30	73	0.04
40	97	0.05
50	110	0.06

Name of Test: Frequency Stability (Voltage Variation)

Specification: 47 CFR 2.1055 (b)(1)

Test Equipment: As per previous page

Measurement Procedure

1. The EUT was placed in a temperature chamber at $25\pm 5^{\circ}\text{C}$ and connected as for "Frequency Stability - Temperature Variation" test.
2. The power supply voltage to the EUT was varied from 85% to 115% of the nominal value measured at the input to the EUT.
3. The variation in frequency was measured for the worst case.

Results: Frequency Stability (Voltage Variation)

GSM1900 (Channel 661)

Nominal Value (Voltage) = 3.6

Battery End Point (Voltage) = 3.25

Voltage(Volt)	Change, Hz	Change, ppm
3.7	73	0.04
BEP	-92	-0.05
4.255	67	0.04

Limit: Must remain within authorized frequency block.



Tested By:

Tim Kao

Antenna Factor & Cable Loss

Frequency (MHz)	Antenna Factor (dB)	Cable Loss (dB)	Frequency (MHz)	Antenna Factor (dB)	Cable Loss (dB)
30	15.35	4.50	1000	24.10	3.92
35	13.63	1.13	2000	27.40	5.66
40	11.11	1.18	3000	30.00	7.20
45	10.59	1.26	4000	32.60	9.36
50	6.47	1.31	5000	33.40	9.16
55	5.83	1.34	6000	34.20	10.70
60	5.18	1.43	7000	35.30	12.16
65	4.81	1.52	8000	36.90	13.12
70	4.43	1.56	9000	38.10	13.81
75	5.10	1.57	10000	39.00	14.83
80	5.91	1.60	11000	38.60	15.83
85	7.33	1.66	12000	39.50	17.11
90	8.74	1.75	13000	39.30	17.62
95	9.05	1.76	14000	41.60	18.37
100	9.36	1.83	15000	40.60	19.10
110	9.65	1.86	16000	37.20	19.72
120	9.97	1.92	17000	40.20	21.98
130	10.51	2.00	18000	48.90	21.22
140	10.32	2.11	19000	37.60	23.90
150	9.42	2.18	20000	37.30	24.07
160	8.09	2.22	21000	37.00	25.49
170	7.43	2.26	22000	38.00	24.92
180	7.60	2.31	23000	38.70	25.60
190	7.43	2.37	24000	38.60	25.70
200	7.26	2.43	25000	24.10	3.92
220	9.11	2.56	14000	27.40	5.66
240	10.88	2.70	15000	30.00	7.20
260	11.75	2.83	16000	32.60	9.36
280	11.55	2.93	17000	33.40	9.16
300	11.36	3.03	18000	34.20	10.70
320	12.03	3.13	19000	35.30	12.16
340	12.69	3.23	20000	36.90	13.12
360	13.33	3.32	21000	38.10	13.81
380	14.00	3.41	22000	39.00	14.83
400	14.63	3.48	23000	38.60	15.83
450	15.33	3.71	24000	39.50	17.11
500	16.03	3.85	25000	39.30	17.62
550	16.65	4.03			
600	17.29	4.32			
650	17.64	4.51			
700	18.00	4.54			
750	18.39	4.90			
800	18.79	5.04			
850	19.10	5.04			
900	19.42	5.20			
950	19.58	5.28			
1000	19.75	5.58			

List of Measuring Equipments

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	30MHz~1GHz 3m	Jun. 20, 2004	Radiation (03CH03-HY)
Spectrum analyzer	R&S	FSP40	100004	9KHZ~40GHz	Aug. 23, 2003	Radiation (03CH03-HY)
Amplifier	HP	8447D	2944A09072	100KHz – 1.3GHz	Nov. 05, 2003	Radiation (03CH03-HY)
Biconical Antenna	SCHWARZBECK	VHBB 9124	301	30MHz –200MHz	Jul. 24, 2003	Radiation (03CH03-HY)
Log Antenna	SCHWARZBECK	VUSLP 9111	221	200MHz -1GHz	Jul. 24, 2003	Radiation (03CH03-HY)
RF Cable-R03m	Jye Bao	RG142	CB021	30MHz~1GHz	Dec. 03, 2003	Radiation (03CH03-HY)
Amplifier	MITEQ	AFS44	879981	100MHz~26.5GHz	Jul. 23, 2003	Radiation (03CH03-HY)
Horn Antenna	EMCO	3115	6821	1GHz – 18GHz	Sep. 12, 2003	Radiation (03CH03-HY)
Turn Table	HD	DS 420	420/650/00	0 ~ 360 degree	N/A	Radiation (03CH03-HY)
Antenna Mast	HD	MA 240	240/560/00	1 m - 4 m	N/A	Radiation (03CH03-HY)
RF Cable-HIGH	Jye Bao	RG142	CB030-HIGH	1GHz~29.5GHz	Dec. 05, 2003	Radiation (03CH03-HY)

※ Calibration Interval of instruments listed above is one year, except for Horn Antenna, BBHA9170.

※ Calibration Interval of Horn Antenna, BBHA9170, is three years.

Uncertainty of Test Site

Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz) (03CH03)

Contribution	Uncertainty of x_i		$u(x_i)$
	dB	Probability 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 Receiver VSWR $\Gamma_1 = 0.20$ Antenna VSWR $\Gamma_2 = 0.23$ Uncertainty = $20\log(1-\Gamma_1*\Gamma_2)$	+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 (1GHz ~ 40GHz)

Contribution	Uncertainty of x_i		$u(x_i)$	C_i	$C_i * u(x_i)$
	dB	Probability Distribution			
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 $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20\log(1-\Gamma_1*\Gamma_2*\Gamma_3)$	+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)	4.72				

$$U = \sqrt{\{(1/2)^2 + (0.3/2)^2 + (2^2 + 0.5^2 + 2^2 + 0.25^2 + 2^2)/3 + (0.54)^2/2\}} = 2.2 \quad \text{for 10m test distance}$$

$$U = \sqrt{\{(1/2)^2 + (0.3/2)^2 + (2^2 + 3^2 + 2^2 + 0.25^2 + 2^2)/3 + (0.54)^2/2\}} = 2.7 \quad \text{for 3m test distance}$$

END OF TEST REPORT