



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File M619.PCS1900(01-11-2007) Data #12 Date:2007/11/11 Time:下午 05:00:23



Site 955中電波暗室 Polarization: Conducted po Temperature: 26 °C
Limit: FCC Part 24 conducted(9K-12.75G) Power: AC 110V/60Hz Humidity: 55 %
EUT: Cell phone Distance:
M/N: M619
Mode: GPRS
Note: GH661(1880MHz)

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	5660.625	-37.46	4.84	-32.62	-13.0	-19.62	peak	

*:Maximum data x:Over limit !:over margin ●Reference Only

File M619.PCS1900(01-11-2007)\Data #12

Page: 1

Engineer Signature: John



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619_PCS1900(01-11-2007) Data #13 Date: 2007/1/11 Time: 下午 05:00:43



Site: 955中電波暗室 Polarization: **Conducted po** Temperature: 26 °C
Limit: FCC Part 24 conducted(9K-12.75G) Power: AC 110V60Hz Humidity: 55 %
EUT: Cell phone Distance:
M/N: M619
Mode: GPRS
Note: GH661(1880MHz)

No.	M.K.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	18676.87	-39.92	7.06	-32.86	-13.0	-19.86	peak	

*:Maximum data x:Over limit !:over margin ■Reference Only

File: M619_PCS1900(01-11-2007)Data #13

Page: 1

Engineer Signature: John



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File M619.PCS1900(01-11-2007)

Data #14

Date:2007/1/11

Time:下午 05:03:53



Site 955中電波暗室

Polarization: Conducted po

Temperature: 26 °C

Limit: FCC Part 24 conducted(9K-12.75G)

Power: AC 110V/60Hz

Humidity: 55 %

EUT: Cell phone

Distance:

M/N: M619

Mode: GPRS

Note: CH810(1909.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	8944.125	-39.00	5.41	-33.59	-13.0	-20.59	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File M619.PCS1900(01-11-2007)\Data #14

Page: 1

Engineer Signature: John



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619_PGS1900(01-11-2007)

Data #15

Date: 2007/1/11

Time: 下午 05:04:13



Site: 966中電波暗室

Polarization: Conducted po

Temperature: 26 °C

Limit: FCC Part 24 conducted(9K-12.75G)

Power: AC 110V60Hz

Humidity: 55 %

EUT: Cell phone

Distance:

M/N: M619

Mode: GPRS

Note: CH810(1909.8MHz)

No.	M.K.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Detector	Comment
1	*	18731.25	-39.87	7.08	-32.79	-13.0	-19.79	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File: M619_PGS1900(01-11-2007)Data: #15

Page: 1

Engineer Signature: John



4.6 Field Strength of Spurious Radiation

Equivalent isotropic radiated Power Measurements by substitution method according to ANSI/TIA/EIA-603-A.

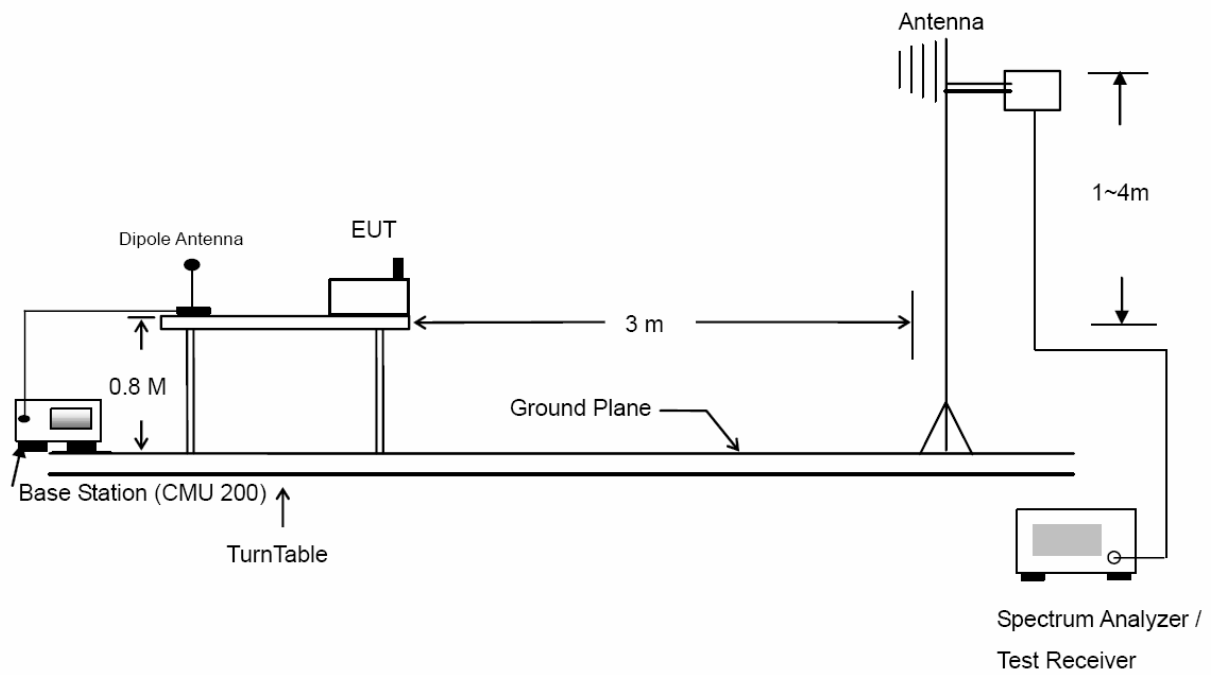
4.6.1 Measurement Instruments

As described in chapter 5 of this test report.

4.6.2 Test Procedure

1. 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 tower.
3. The table was rotated 360 degrees to determine the position of the highest spurious emission.
4. The height of the receiving antenna is varied between one meter and four meters to reach the maximum spurious emission for both horizontal and vertical polarizations.
5. Taking the record of maximum spurious emission.
6. A Horn antenna was substituted in place of the EUT and was driven by a signal generator.
7. Tune the output power of signal generator to the same emission level with EUT maximum spurious emission.
8. Taking the record of output power at antenna port.
9. Repeat step 7 to step 8 for another polarization.
10. Emission level (dBm) = output power + substitution Gain.

4.6.3 Test Setup Layout





4.6.4 Test Result

4.6.4.1 GSM 850 Test Result

Applicant : Inventec Corporation
Model No : Mercury 619
EUT : PDA PHONE
Test Mode : GSM 850 (Low CH128 / Middle CH190 / High CH 251)
Test Date : 12/19/2006
Please refer to next pager of detail testing data.



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #44

Date: 2006/12/19

Time: 下午 05:28:58



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	49.9799	53.20	-3.53	49.57	82.22	-32.65	peak	
2		116.9399	55.47	-10.15	45.32	82.22	-36.90	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #44

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #46

Date: 2006/12/19

Time: 下午 05:37:30



Site: 955中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	49.4399	52.86	-3.51	49.35	82.22	-32.87	peak	
2		99.6599	52.47	-7.28	45.19	82.22	-37.03	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #46

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

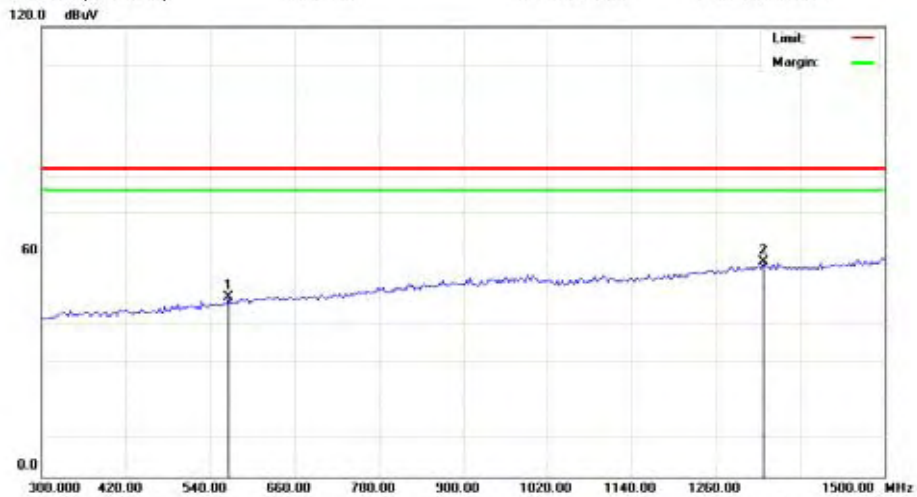
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #45

Date: 2006/12/19

Time: 下午 05:33:14



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Reflector	Comment
1		566.3999	53.36	-5.56	47.80	82.22	-34.42	peak	
2	*	1327.200	53.69	3.76	57.45	82.22	-24.77	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File :M619(12-18-2006)\Data :#45

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

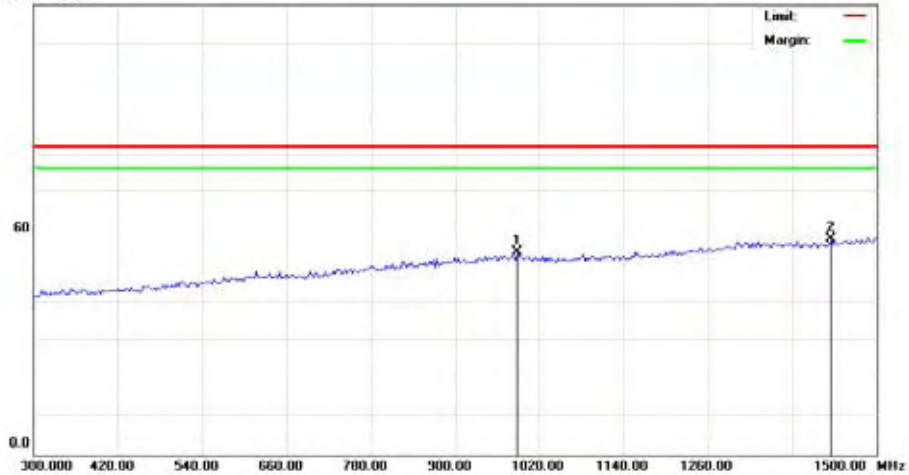
File: M619(12-18-2006)

Order: #47

Date: 2006/12/19

Time: 下午 05:41:45

120.0 dBuV



Site: 955中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH128

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		988.7999	53.19	0.94	54.13	82.22	-28.09	peak	
2	*	1435.200	53.23	4.39	57.62	82.22	-24.60	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #47

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

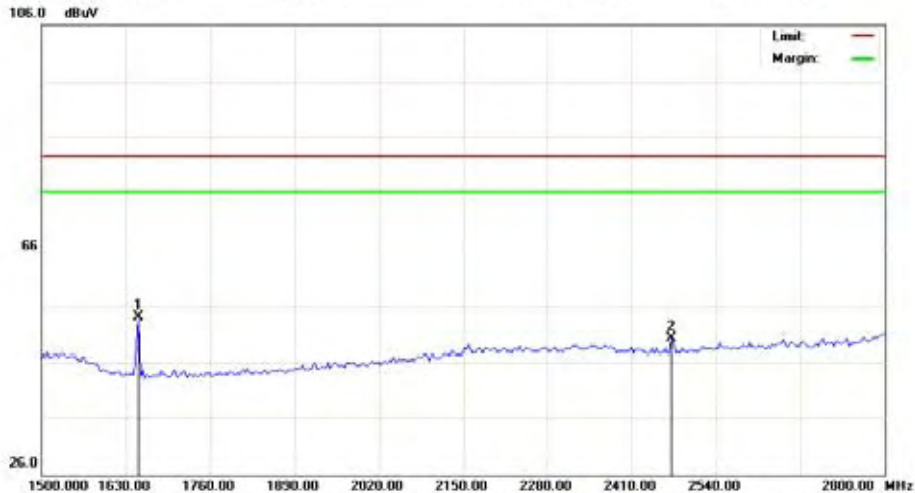
Radiated Emission Measurement

File: M619(12-18-2006)

Data #1

Date: 2006/12/19

Time: 上午 12:04:28



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Offset or	Comment
1	*	1648.500	57.20	-3.28	53.92	82.22	-28.30	peak	
2		2471.750	49.79	0.33	50.12	82.22	-32.10	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #1

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #11

Date: 2006/12/19

Time: 上午 12:19:07



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	1648.500	57.19	-3.28	53.91	82.22	-28.31	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #11

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

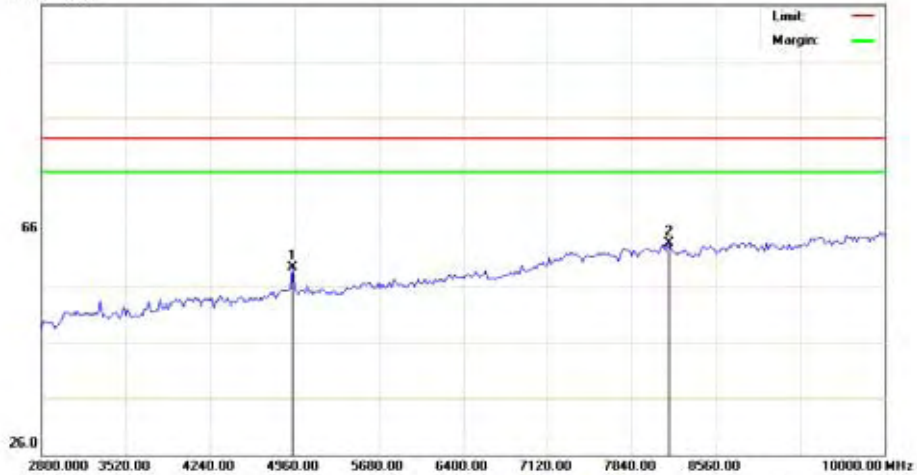
File: M619(12-18-2006)

Data #2

Date: 2006/12/19

Time: 上午 12:05:22

106.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH128

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		4942.000	51.65	7.71	59.36	82.22	-22.86	peak	
2	*	8164.000	47.83	15.78	63.61	82.22	-18.61	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File :M619(12-18-2006)\Data #2

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

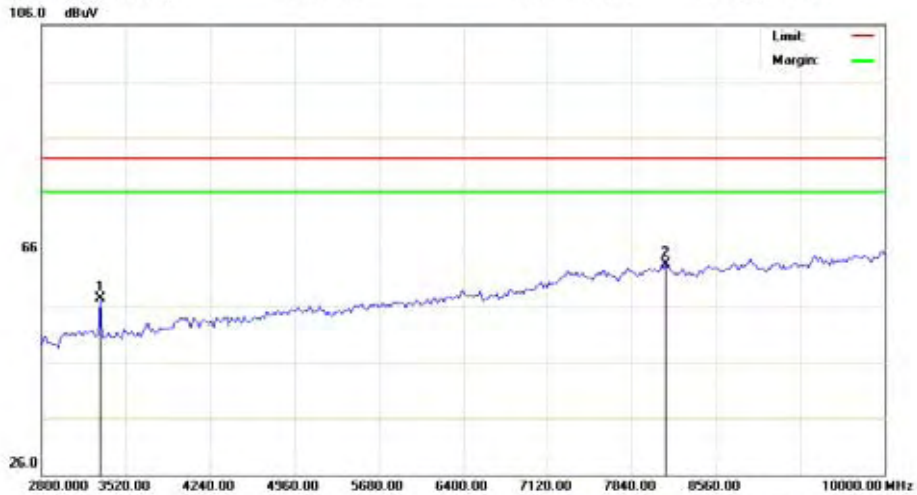
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #12

Date: 2006/12/19

Time: 上午 12:20:01



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH128

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		3304.000	55.24	2.09	57.33	82.22	-24.89	peak	
2	*	8128.000	47.30	16.12	63.42	82.22	-18.80	peak	

*:Maximum data x:Over limit b:over margin

Reference Only

File: M619(12-18-2006)\Data: #12

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #48

Date: 2006/12/19

Time: 下午 05:50:26



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Offset or	Comment
1	*	44.0399	52.72	-2.36	50.36	82.22	-31.86	peak	
2		285.4200	53.23	-9.73	43.50	82.22	-38.72	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #48

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #50

Date: 2006/12/19

Time: 下午 05:58:57



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	59.1599	52.51	-5.05	47.46	82.22	-34.76	peak	
2		267.0600	52.86	-10.27	42.59	82.22	-39.63	peak	

*: Maximum data x: Over limit b: over margin

■ Reference Only

File: M619(12-18-2006)\Data: #50

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

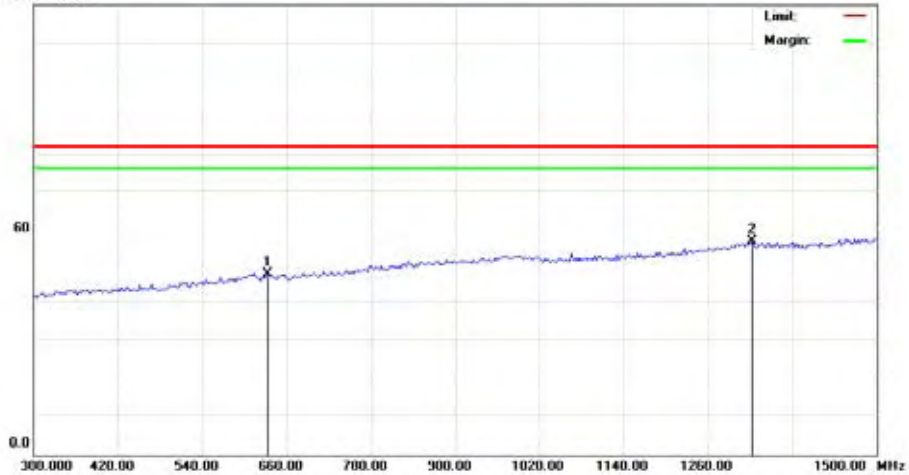
File: M619(12-18-2006)

Data: #49

Date: 2006/12/19

Time: 下午 05:54:42

120.0 dBuV



Site: 966中電波暗室

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		633.6000	52.38	-4.29	48.09	82.22	-34.13	peak	
2	*	1322.400	53.28	3.73	57.01	82.22	-25.21	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File :M619(12-18-2006)\Data :#49

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

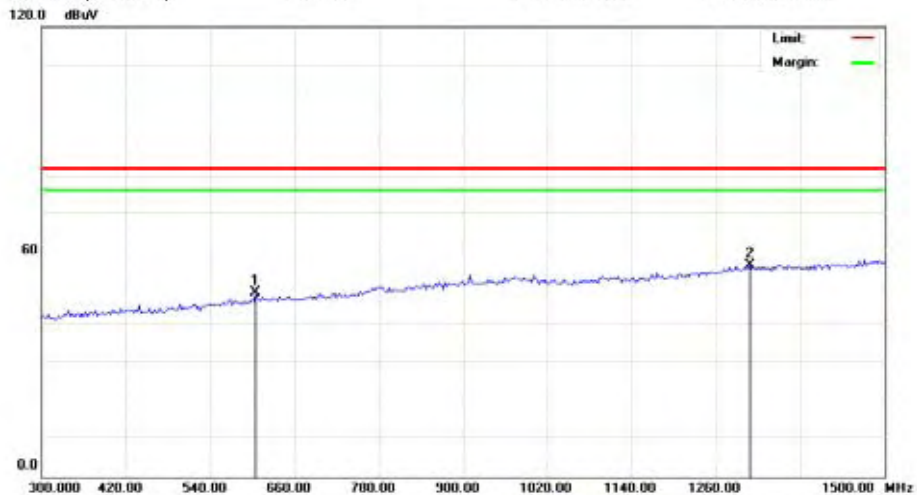
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #51

Date: 2006/12/19

Time: 下午 07:34:22



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defectar	Comment
1		604.7999	53.63	-4.53	49.10	82.22	-33.12	peak	
2	*	1308.000	52.80	3.66	56.46	82.22	-25.76	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #51

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data #3

Date: 2006/12/19

Time: 上午 12:08:05



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defect or	Comment
1	*	1672.250	57.80	-3.24	54.56	82.22	-27.66	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #3

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

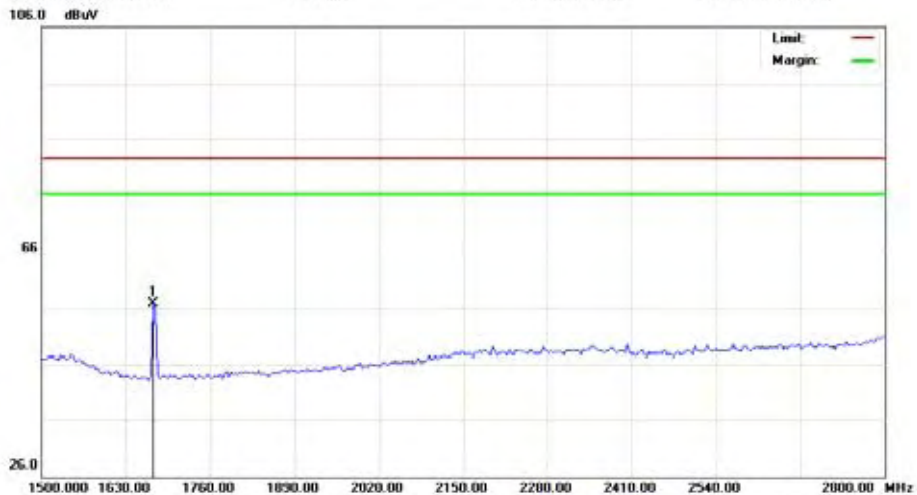
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #9

Date: 2006/12/19

Time: 上午 12:16:47



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	1672.250	59.90	-3.24	56.66	82.22	-25.56	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #9

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

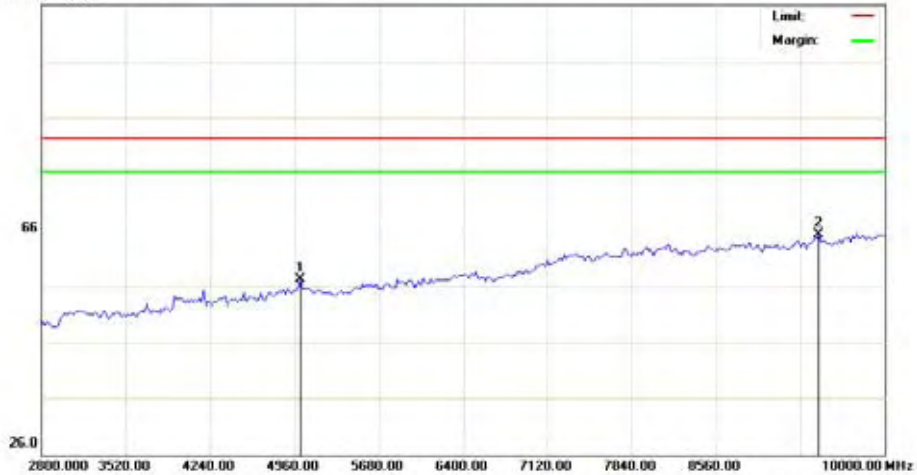
File: M619(12-18-2006)

Data #4

Date: 2006/12/19

Time: 上午 12:08:59

106.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		5014.000	49.01	8.02	57.03	82.22	-25.19	peak	
2	*	9442.000	48.08	17.23	65.31	82.22	-16.91	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File :M619(12-18-2006)\Data #4

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

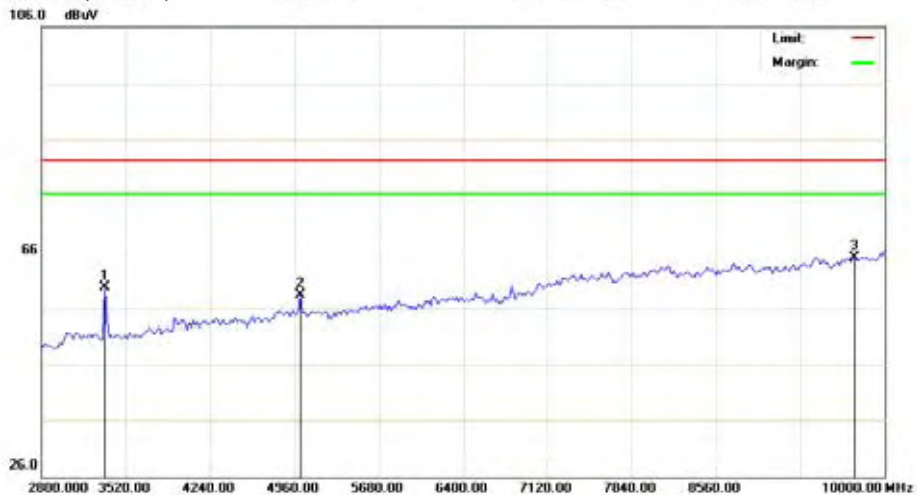
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #10

Date: 2006/12/19

Time: 上午 12:17:42



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH190

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		3340.000	57.66	1.97	59.63	82.22	-22.59	peak	
2		5014.000	50.31	8.02	58.33	82.22	-23.89	peak	
3	*	9748.000	47.35	17.76	65.11	82.22	-17.11	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #10

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data #52

Date: 2006/12/19

Time: 下午 07:41:38



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH251

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	40.2599	53.03	-1.66	51.37	82.22	-30.85	peak	
2		96.4200	52.98	-7.33	45.65	82.22	-36.57	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #52

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Date: #54

Date: 2006/12/19

Time: 下午 07:50:08



Site: 955中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	44.5799	53.41	-2.46	50.95	82.22	-31.27	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #54

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

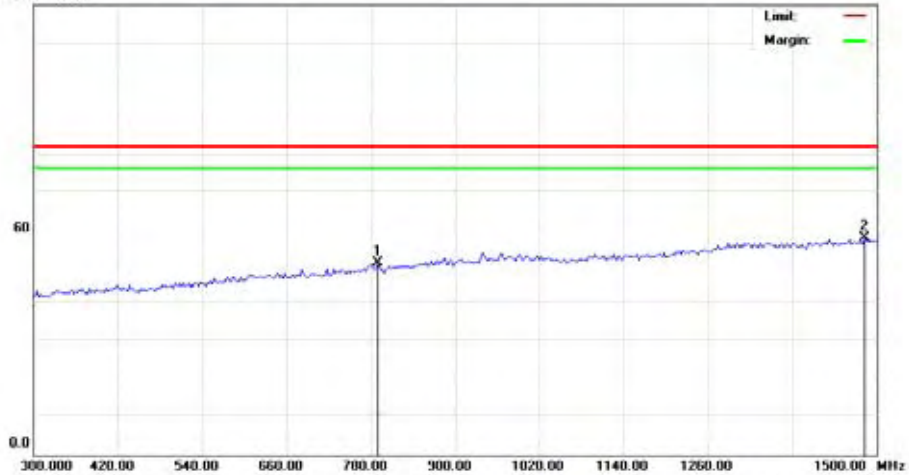
File: M619(12-18-2006)

Data: #53

Date: 2006/12/19

Time: 下午 07:45:53

120.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Offset or	Comment
1		789.6000	53.25	-2.08	51.17	82.22	-31.05	peak	
2	*	1483.200	32.67	25.37	58.04	82.22	-24.18	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File :M619(12-18-2006)\Data :#53

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #55

Date: 2006/12/19

Time: 下午 07:54:25



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22°C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defectar	Comment
1	*	1348.800	53.63	3.81	57.44	82.22	-24.78	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #55

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

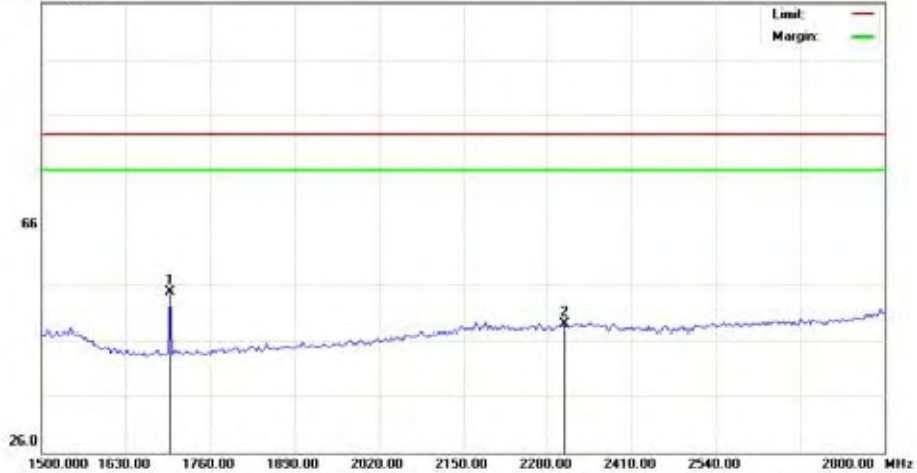
File: M619(12-18-2006)

Order #5

Date: 2006/12/19

Time: 上午 12:10:47

106.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 CH251

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defect or	Comment
1	*	1698.250	57.73	-3.17	54.56	82.22	-27.66	peak	
2		2306.000	48.21	0.57	48.78	82.22	-33.44	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #5

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data #7

Date: 2006/12/19

Time: 上午 12:14:29



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	1698.250	59.50	-3.17	56.33	82.22	-25.89	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data #7

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

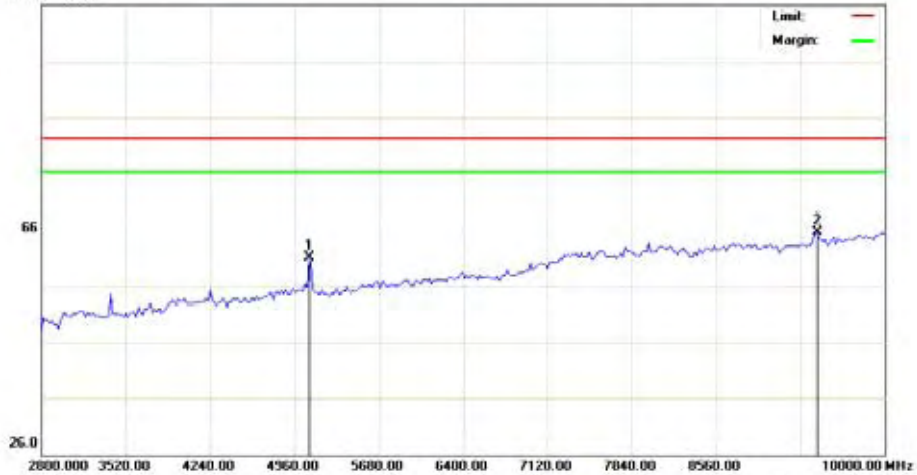
File: M619(12-18-2006)

Data #6

Date: 2006/12/19

Time: 上午 12:11:41

106.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		5086.000	52.84	8.28	61.12	82.22	-21.10	peak	
2	*	9424.000	48.42	17.22	65.64	82.22	-16.58	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File :M619(12-18-2006)\Data #6

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

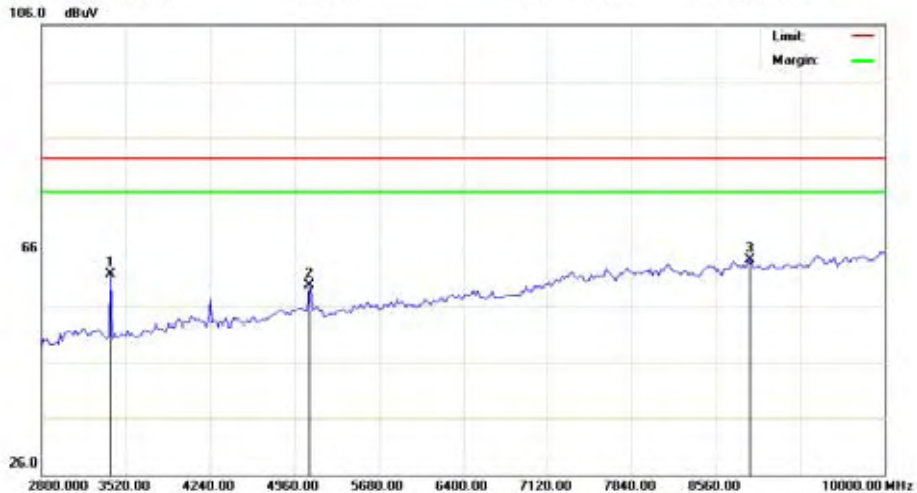
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #8

Date: 2006/12/19

Time: 上午 12:15:24



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: GSM850 GH251

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		3394.000	59.51	2.20	61.71	82.22	-20.51	peak	
2		5086.000	51.37	8.28	59.65	82.22	-22.57	peak	
3	*	8848.000	47.36	16.86	64.22	82.22	-18.00	peak	

*:Maximum data x:Over limit b:over margin

■Reference Only

File: M619(12-18-2006)\Data: #8

Page: 1

Engineer Signature:



4.6.4.2 GSM 850 Test Result

Applicant : Inventec Corporation
Model No : Mercury 619
EUT : PDA PHONE
Test Mode : GSM 850 + GPRS (Low CH128 / Middle CH190 / High CH 251)
Test Date : 01/09/2007
Please refer to next pager of detail testing data.



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

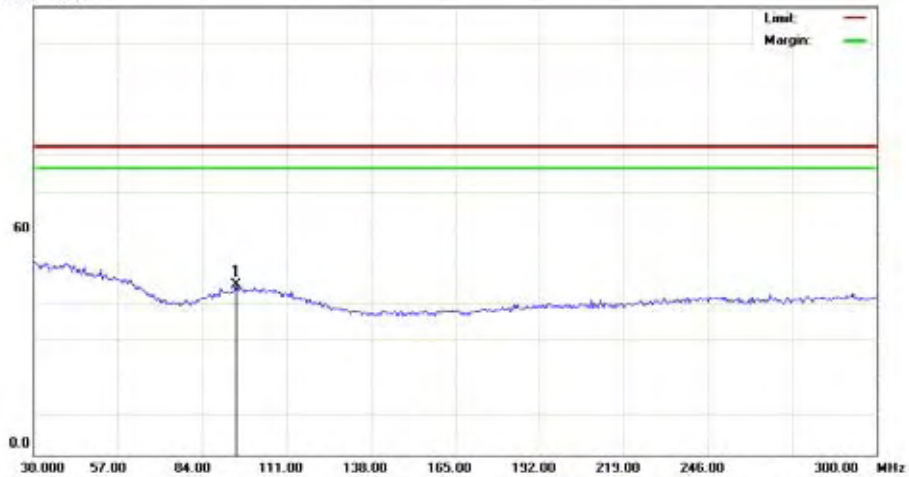
File: M619(01-08-2007)

Data #43

Date: 2007/01/09

Time: 12:35:43

120.0 dBuV



Site: 965中電波暗室

Polarization: Vertical

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH125(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	94.8000	53.23	-7.38	45.85	82.22	-36.37	peak	

*:Maximum data x:Over limit !:over margin

Reference Only

File: M619(01-08-2007)\Data #43

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

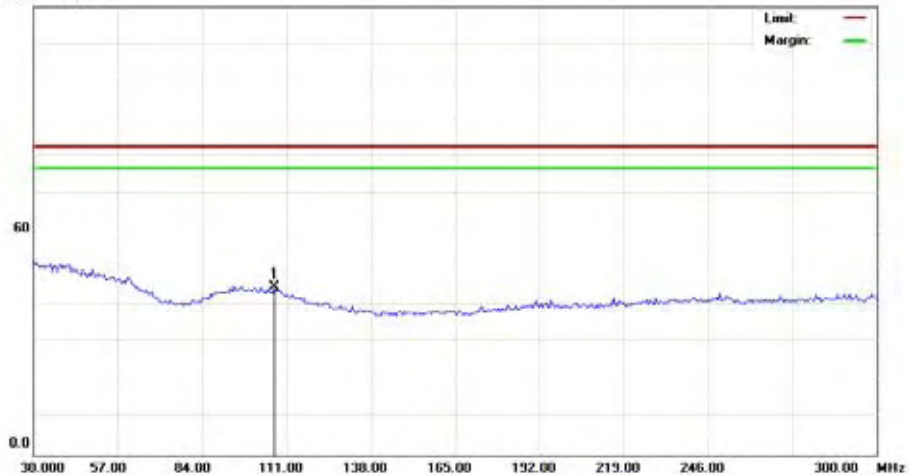
File: M619(01-08-2007)

Data: #45

Date: 2007/01/09

Time: 12:44:15

120.0 dBuV



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH128(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	107.2200	53.40	-8.17	45.23	82.22	-36.99	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File: M619(01-08-2007)\Data: #45

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(01-08-2007)

Data #44

Date: 2007/01/09

Time: 12:39:59



Site: 966中電波暗室

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH125(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	873.6000	62.17	-0.74	61.43	82.22	-20.79	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data #44

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan County 344,Taiwan.

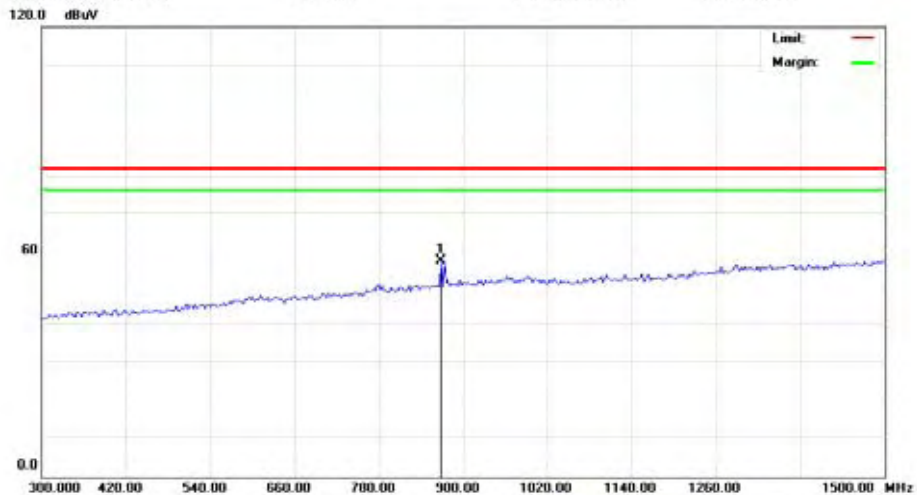
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #46

Date: 2007/01/09

Time: 12:48:31



Site: 956中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH128(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	868.8000	58.59	-0.69	57.90	82.22	-24.32	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #46

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

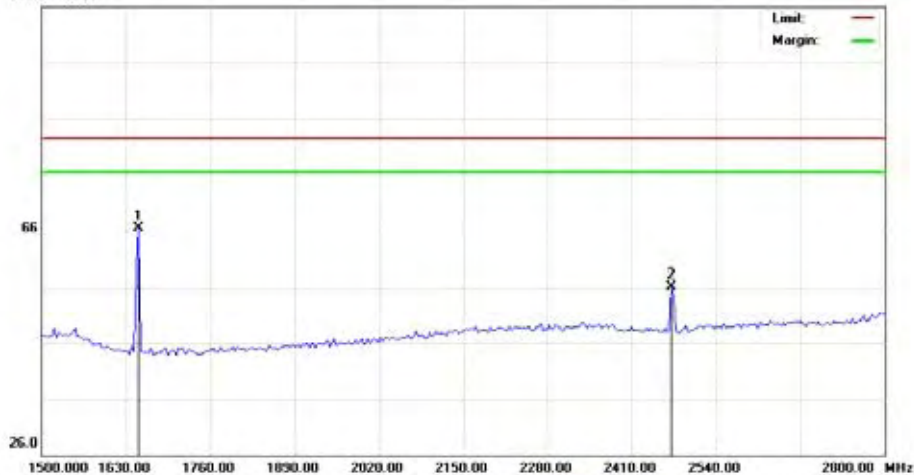
File: M619(01-08-2007)

Data #1

Date: 2007/01/08

Time: 15:45:59

106.0 dBuV



Site: 966中電波暗室

Polarization: Vertical

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH125(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	1648.500	69.71	-3.28	66.43	82.22	-15.79	peak	
2		2471.750	55.78	0.33	56.11	82.22	-26.11	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File: M619(01-08-2007)\Data #1

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

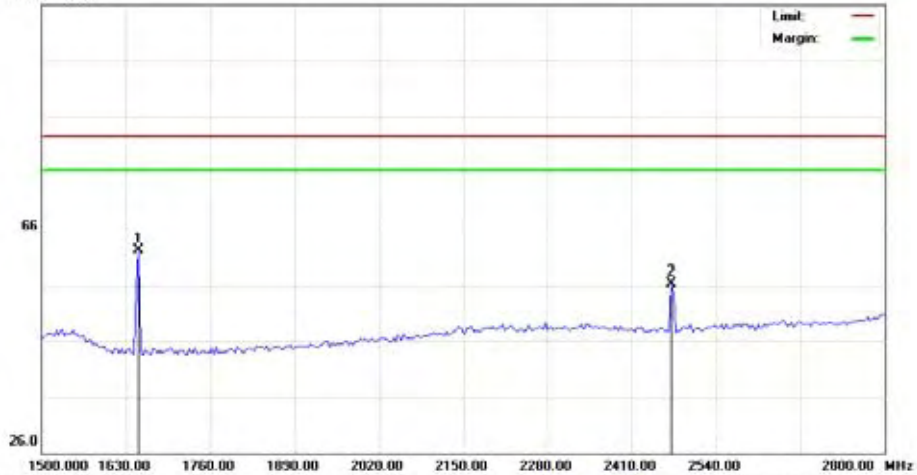
File: M619(01-08-2007)

Data #7

Date: 2007/01/08

Time: 16:15:25

106.0 dBuV



Site: 955中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH128(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	1648.500	65.34	-3.28	62.06	82.22	-20.16	peak	
2		2471.750	56.07	0.33	56.40	82.22	-25.82	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data #7

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

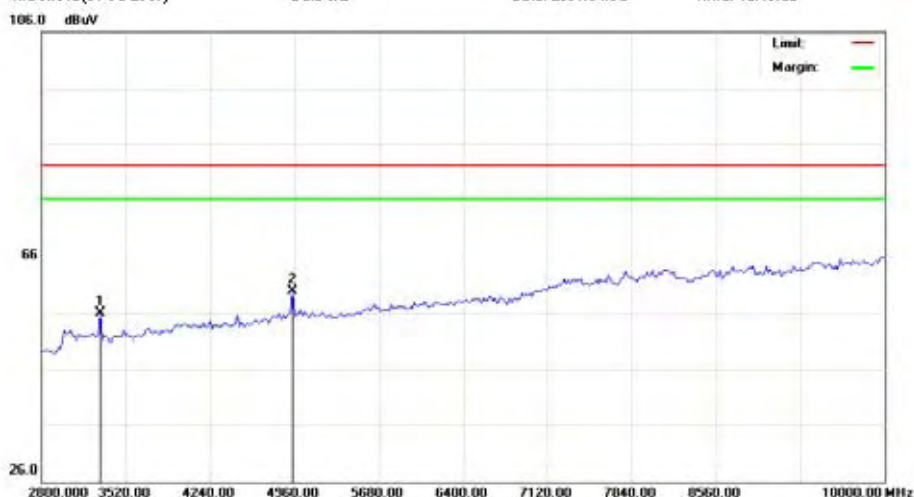
Radiated Emission Measurement

File: M619(01-08-2007)

Data #2

Date: 2007/01/08

Time: 15:45:53



Site: 966中電波暗室

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH128(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		3304.000	53.83	2.09	55.92	82.22	-26.30	peak	
2	*	4942.000	52.28	7.71	59.99	82.22	-22.23	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data #2

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan County 344,Taiwan.

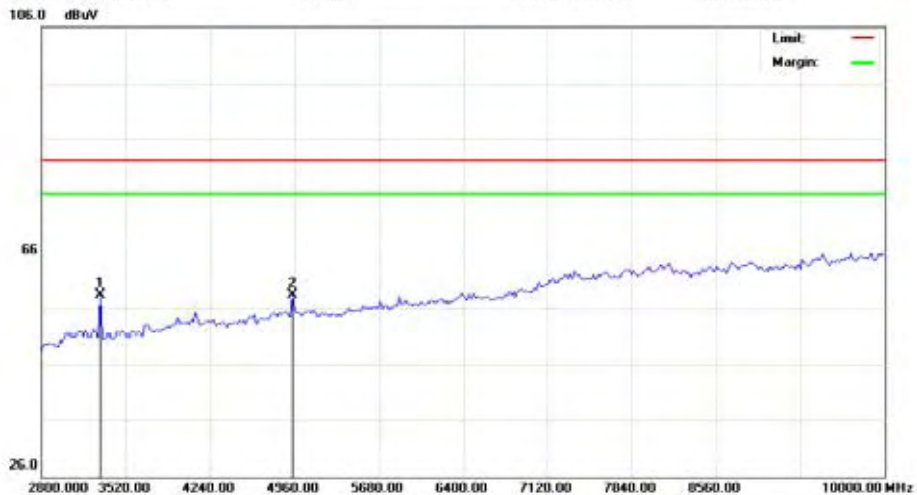
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #8

Date: 2007/01/06

Time: 16:16:21



Site: 956中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH128(824.2MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	3304.000	56.30	2.09	58.39	82.22	-23.83	peak	
2		4942.000	50.52	7.71	58.23	82.22	-23.99	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #8

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

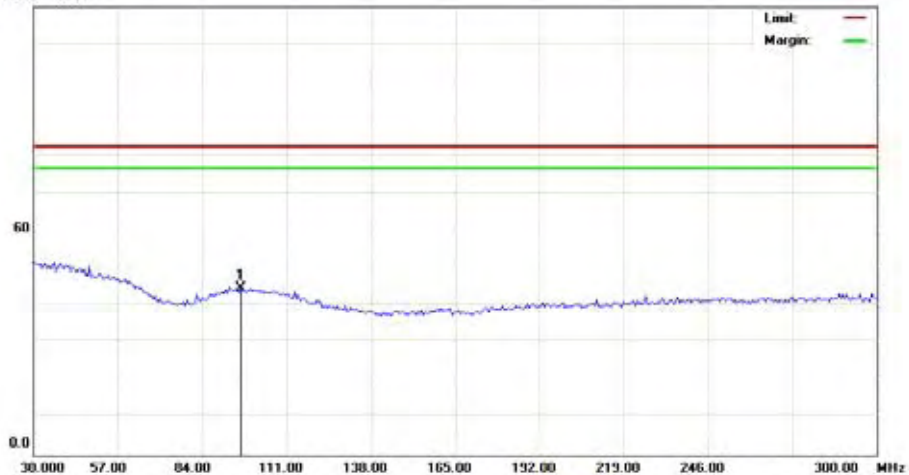
File: M619(01-08-2007)

Data #49

Date: 2007/01/09

Time: 13:03:17

120.0 dBuV



Site: 965中電波暗室

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.5MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	96.4200	52.33	-7.33	45.00	82.22	-37.22	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data #49

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

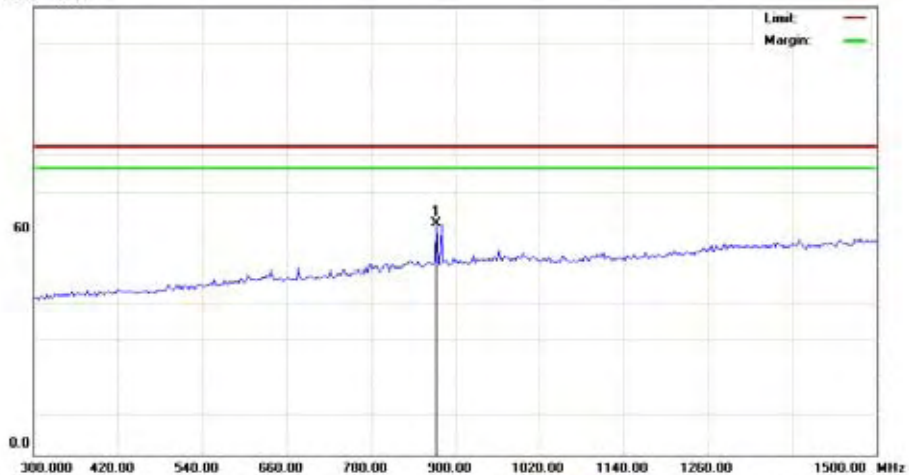
File: M619(01-08-2007)

Data: #48

Date: 2007/01/09

Time: 12:59:02

120.0 dBuV



Site: 955中電波暗室

Polarization: **Vertical**

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.6MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	873.6000	62.67	-0.74	61.93	82.22	-20.29	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data: #48

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

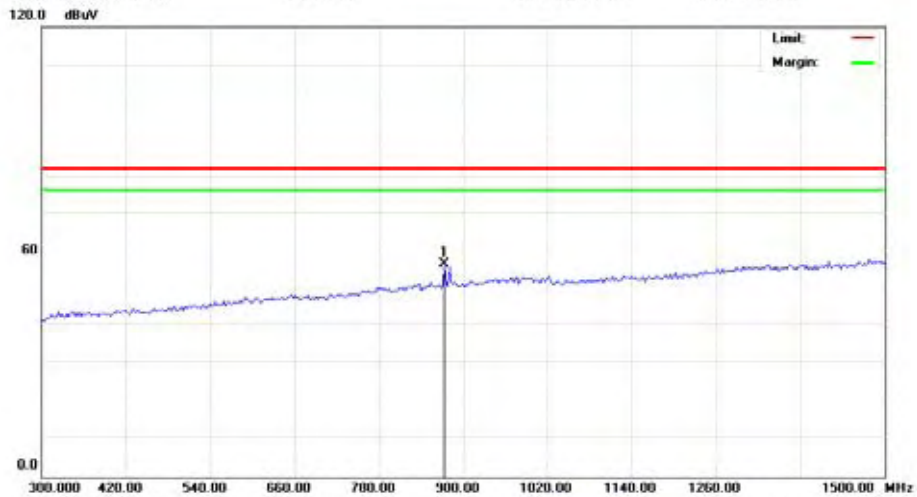
Radiated Emission Measurement

File: M619(01-08-2007)

Data #50

Date: 2007/01/09

Time: 13:07:34



Site: 966中電波暗室

Polarization: Horizontal

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.5MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	873.6000	57.44	-0.74	56.70	82.22	-25.52	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data #50

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan County 344,Taiwan.

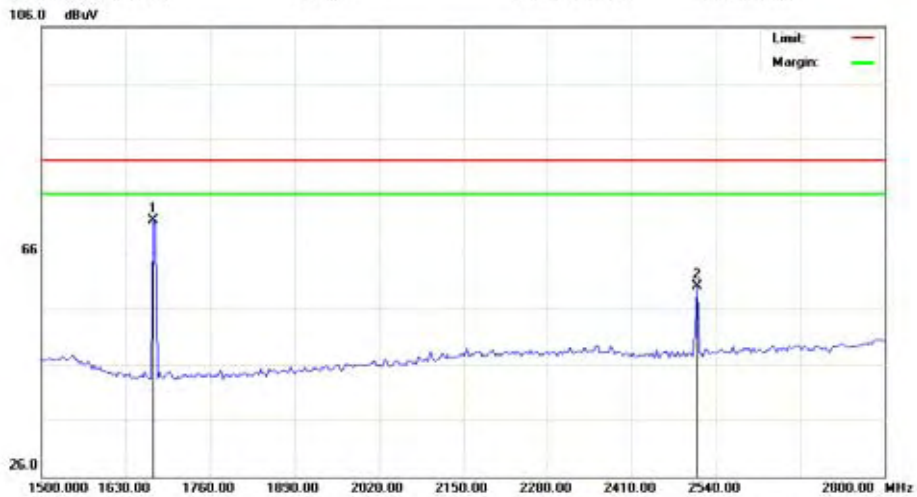
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #3

Date: 2007/01/06

Time: 16:04:29



Site: 955中電波暗室

Polarization: **Vertical**

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.6MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	1672.250	74.78	-3.24	71.54	82.22	-10.68	peak	
2		2510.750	59.55	0.33	59.88	82.22	-22.34	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #3

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(01-08-2007)

Data #9

Date: 2007/01/08

Time: 16:18:49

106.0 dBuV



Site: 966中電波暗室

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.5MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		1672.250	60.62	-3.24	57.38	82.22	-24.84	peak	
2	*	2510.750	65.11	0.33	65.44	82.22	-16.78	peak	

*:Maximum data x:Over limit !:over margin

●Reference Only

File: M619(01-08-2007)\Data #9

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

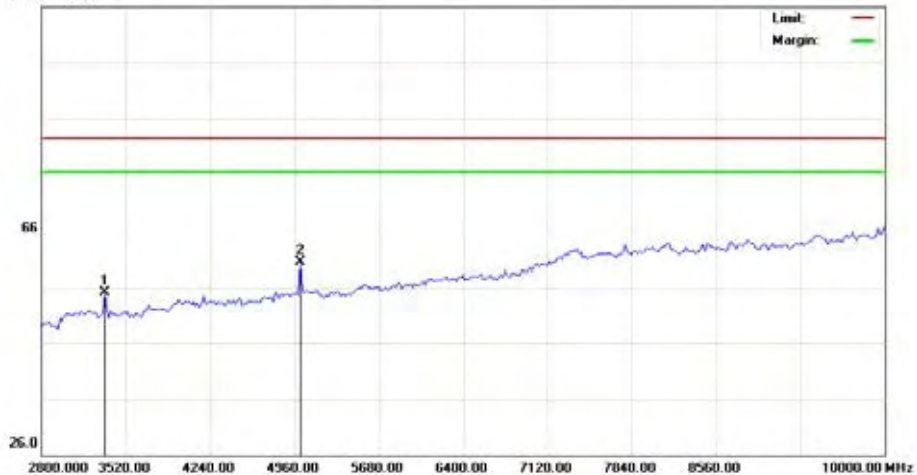
File: M619(01-08-2007)

Data: #4

Date: 2007/01/06

Time: 16:05:24

106.0 dBuV



Site: 955中電波暗室

Polarization: **Vertical**

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.6MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		3340.000	53.17	1.97	55.14	82.22	-27.08	peak	
2	*	5014.000	52.29	8.02	60.31	82.22	-21.91	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data: #4

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

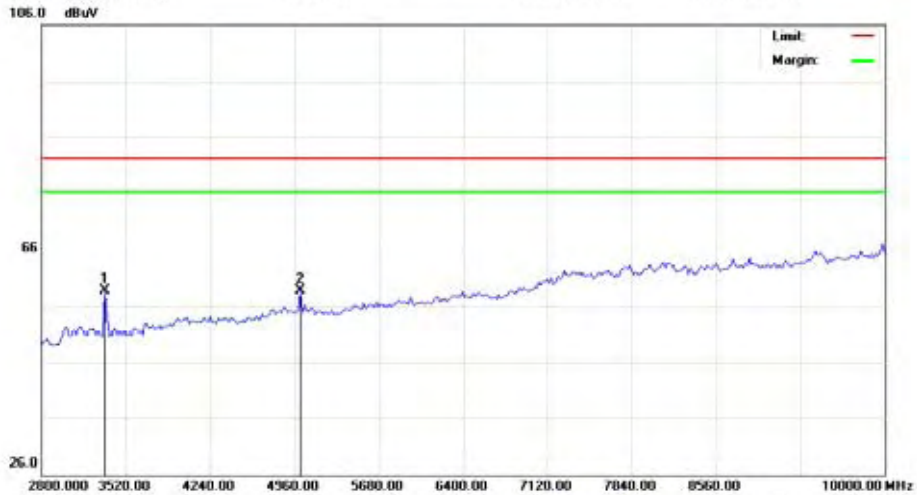
Radiated Emission Measurement

File: M619(01-08-2007)

Data #10

Date: 2007/01/08

Time: 16:19:43



Site: 966中電波暗室

Polarization: Horizontal

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.5MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		3340.000	56.81	1.97	58.78	82.22	-23.44	peak	
2	*	5014.000	50.77	8.02	58.79	82.22	-23.43	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data #10

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(01-08-2007)

Data: #51

Date: 2007/01/09

Time: 13:13:42



Site: 955中電波暗室

Polarization: **Vertical**

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	100.2000	52.71	-7.30	45.41	82.22	-36.81	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #51

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

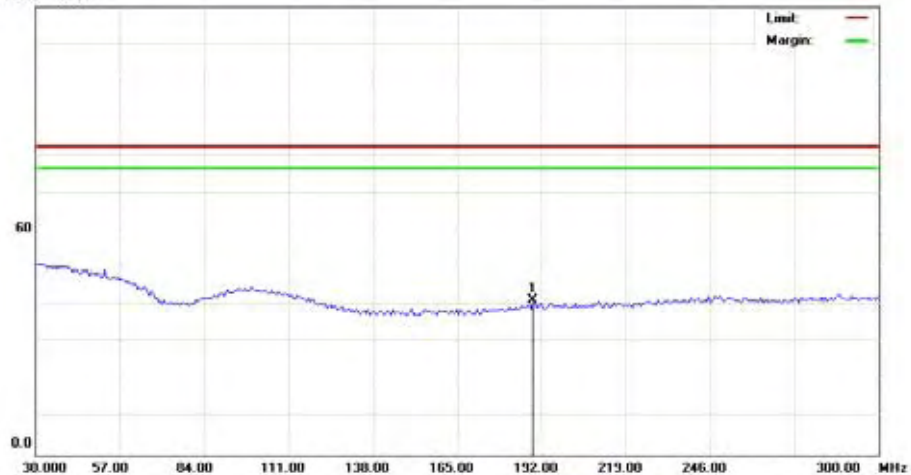
File: M619(01-08-2007)

Data #47

Date: 2007/01/09

Time: 12:54:46

120.0 dBuV



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH190(836.5MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	189.3000	53.38	-11.91	41.47	82.22	-40.75	peak	

*:Maximum data x:Over limit !:over margin

Reference Only

File: M619(01-08-2007)\Data #47

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(01-08-2007)

Data: #53

Date: 2007/01/09

Time: 13:22:13

120.0 dBuV



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	106.6800	53.18	-8.10	45.08	82.22	-37.14	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data: #53

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

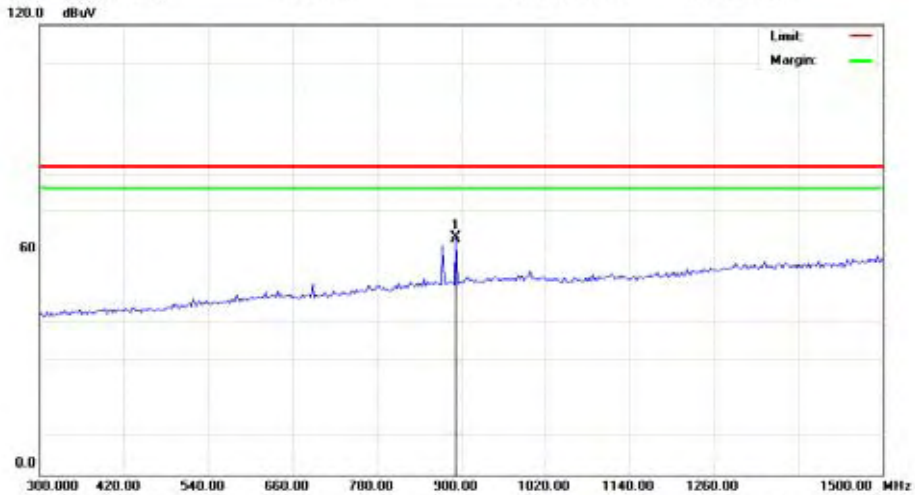
Radiated Emission Measurement

File: M619(01-08-2007)

Data #52

Date: 2007/01/09

Time: 13:17:57



Site: 966中電波暗室

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	892.8000	63.79	-0.56	63.23	82.22	-18.99	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data #52

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

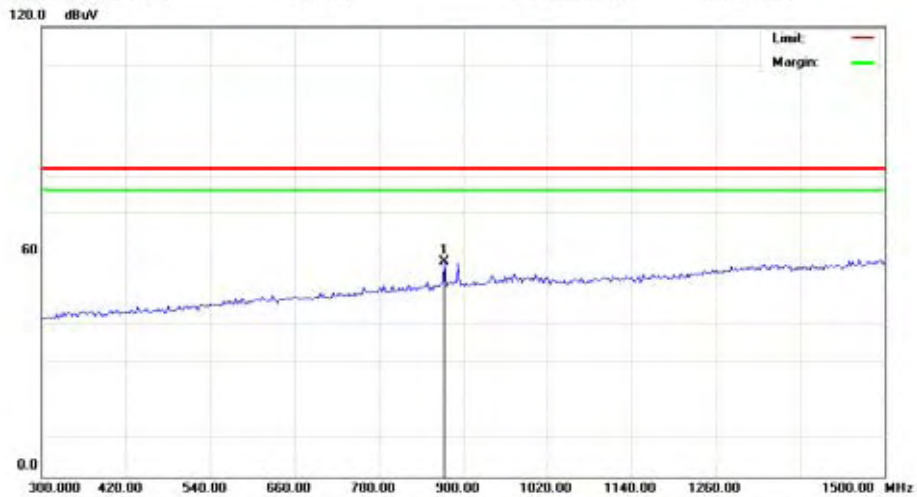
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #54

Date: 2007/01/09

Time: 13:25:29



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	873.6000	58.05	-0.74	57.31	82.22	-24.91	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #54

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

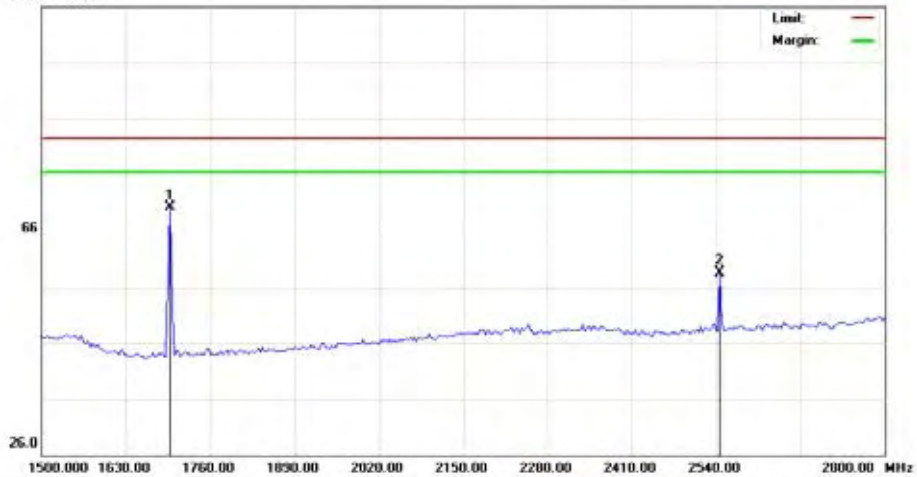
Radiated Emission Measurement

File: M619(01-08-2007)
106.0 dBuV

Data #5

Date: 2007/01/08

Time: 16:08:14



Site: 965中電波暗室

Polarization: Vertical

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	1698.250	73.47	-3.17	70.30	82.22	-11.92	peak	
2		2546.500	57.91	0.53	58.44	82.22	-23.78	peak	

*:Maximum data x:Over limit !:over margin

Reference Only

File: M619(01-08-2007)\Data #5

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

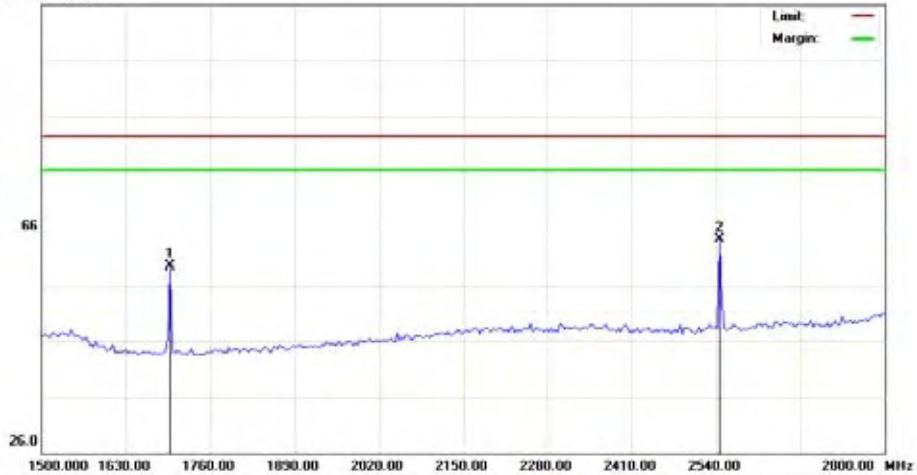
File: M619(01-08-2007)

Data: #11

Date: 2007/01/06

Time: 17:10:05

106.0 dBuV



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		1698.250	62.56	-3.17	59.39	82.22	-22.83	peak	
2	*	2546.500	63.53	0.53	64.06	82.22	-18.16	peak	

*:Maximum data x:Over limit !:over margin

▲Reference Only

File: M619(01-08-2007)\Data: #11

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

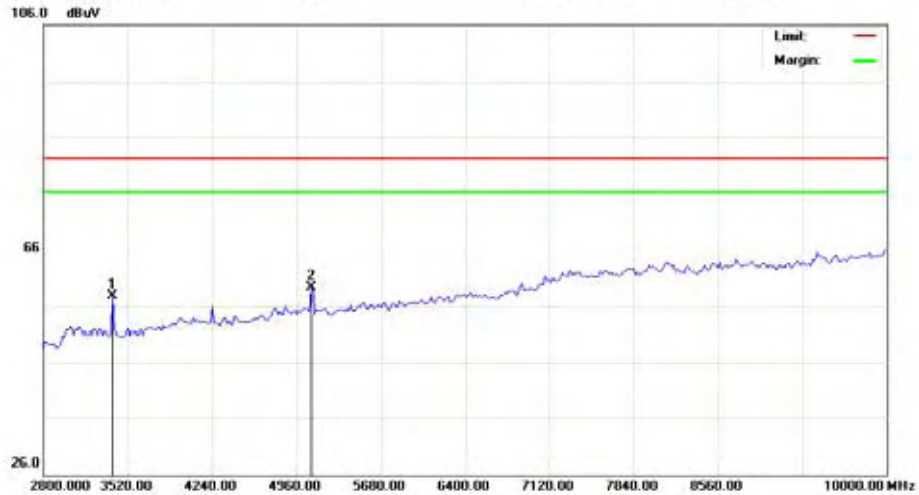
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #6

Date: 2007/01/08

Time: 16:09:09



Site: 966中電波暗室

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60 %

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		3394.000	55.51	2.20	57.71	82.22	-24.51	peak	
2	*	5086.000	51.10	8.28	59.38	82.22	-22.84	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #6

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan County 344,Taiwan.

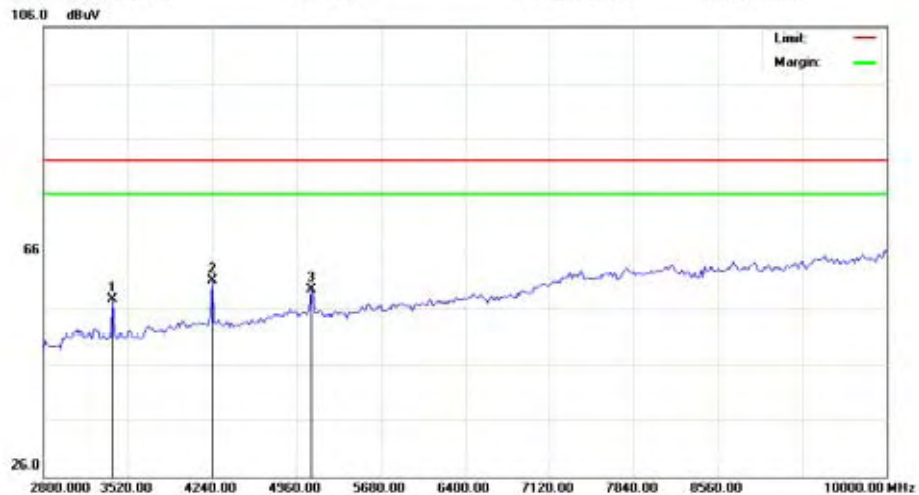
Radiated Emission Measurement

File: M619(01-08-2007)

Data: #12

Date: 2007/01/06

Time: 17:10:59



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (GSM850)

Power:

Humidity: 60%

EUT: PDA PHONE

Distance: 3m

M/N:

Mode:

Note: GSM 850 GH251(848.8MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		3394.000	55.27	2.20	57.47	82.22	-24.75	peak	
2	*	4240.000	55.31	5.55	60.86	82.22	-21.36	peak	
3		5086.000	51.10	8.28	59.38	82.22	-22.84	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(01-08-2007)\Data: #12

Page: 1

Engineer Signature:



4.6.4.3 PCS 1900 Test Result

Applicant : Inventec Corporation
Model No : Mercury 619
EUT : PDA PHONE
Test Mode : PCS 1900 (Low CH512 / Middle CH661 / High CH 810)
Test Date : 12/19/2006
Please refer to next pager of detail testing data.



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data #32

Date: 2006/12/19

Time: 下午 02:42:28



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PGS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PGS1800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Offset or	Comment
1	*	59.7000	52.77	-12.52	40.25	82.22	-41.97	peak	
2		165.0000	53.72	-15.30	38.42	82.22	-43.80	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #32

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Order: #34

Date: 2006/12/19

Time: 下午 02:50:59



Site: 966中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (PC91800)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PC91800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		94.2600	53.15	-12.21	40.94	82.22	-41.28	peak	
2	*	280.5600	52.73	-10.40	42.33	82.22	-39.89	peak	

*: Maximum data x: Over limit !: over margin

■ Reference Only

File: M619(12-18-2006)\Data: #34

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

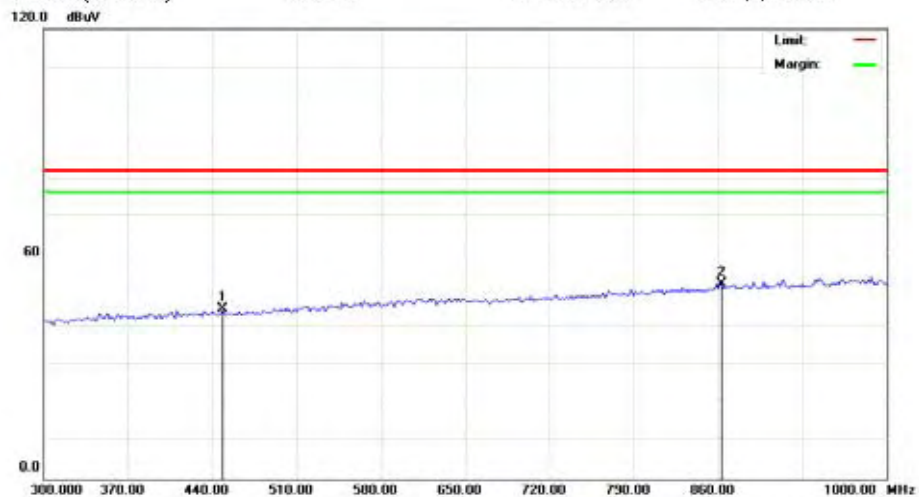
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #33

Date: 2006/12/19

Time: 下午 02:46:43



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PGS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PGS1800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		448.3999	53.25	-8.12	45.13	82.22	-37.09	peak	
2	*	862.7999	52.84	-0.75	52.09	82.22	-30.13	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #33

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

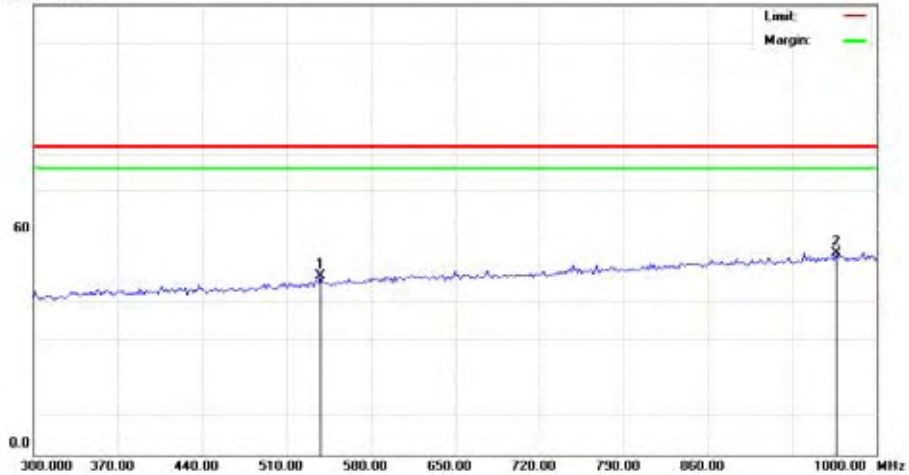
File: M619(12-18-2006)

Data: #35

Date: 2006/12/19

Time: 下午 02:55:15

120.0 dBuV



Site: 966中電波暗室

Polarization: Horizontal

Temperature: 22℃

Limit: FCC Part 22 Spurious (PC91800)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PC91800 GH512

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		538.0000	53.78	-6.19	47.59	82.22	-34.63	peak	
2	*	966.4000	53.25	0.69	53.94	82.22	-28.28	peak	

*: Maximum data x: Over limit b: over margin

Reference Only

File: M619(12-18-2006)\Data: #35

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

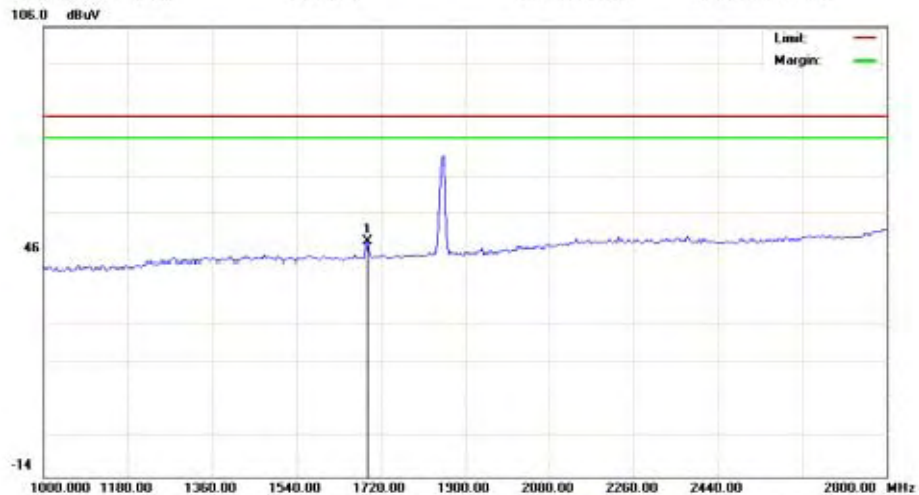
Radiated Emission Measurement

File: M619(12-18-2006)

Data #26

Date: 2006/12/19

Time: 上午 11:51:01



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PCS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PCS1800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	1693.000	52.07	-3.63	48.44	82.22	-33.78	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #26

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

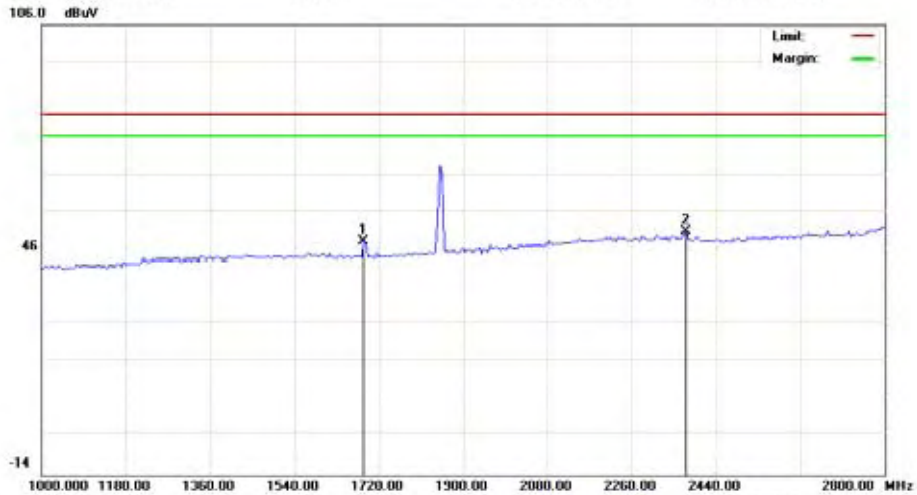
Radiated Emission Measurement

File: M619(12-18-2006)

Date: #27

Date: 2006/12/19

Time: 上午 11:53:22



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (PC91800)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PC91800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1		1688.500	51.77	-3.67	48.10	82.22	-34.12	peak	
2	*	2377.000	50.68	0.06	50.74	82.22	-31.48	peak	

*:Maximum data x:Over limit b:over margin

Reference Only

File: M619(12-18-2006)\Data: #27

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

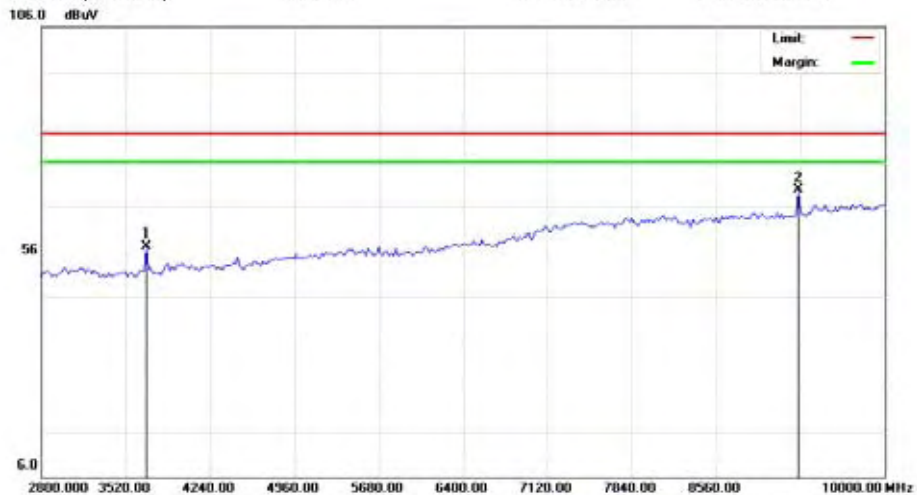
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #13

Date: 2006/12/19

Time: 上午 10:09:55



Site: 966中電波暗室

Polarization: Horizontal

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PGS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PGS1800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		3700.000	52.68	4.50	57.28	82.22	-24.94	peak	
2	*	8262.000	52.51	17.28	69.79	82.22	-12.43	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #13

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #24

Date: 2006/12/19

Time: 上午 11:18:07

106.0 dBuV



Site: 966中電波暗室

Polarization: Vertical

Temperature: 22°C

Limit: FCC Part 22 Spurious (PGS1800)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PGS1900 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defector	Comment
1	*	3700.000	55.85	4.60	60.45	82.22	-21.77	peak	
2		5554.000	50.45	9.61	60.06	82.22	-22.16	peak	

*:Maximum data x:Over limit b:over margin

Reference Only

File: M619(12-18-2006)\Data: #24

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

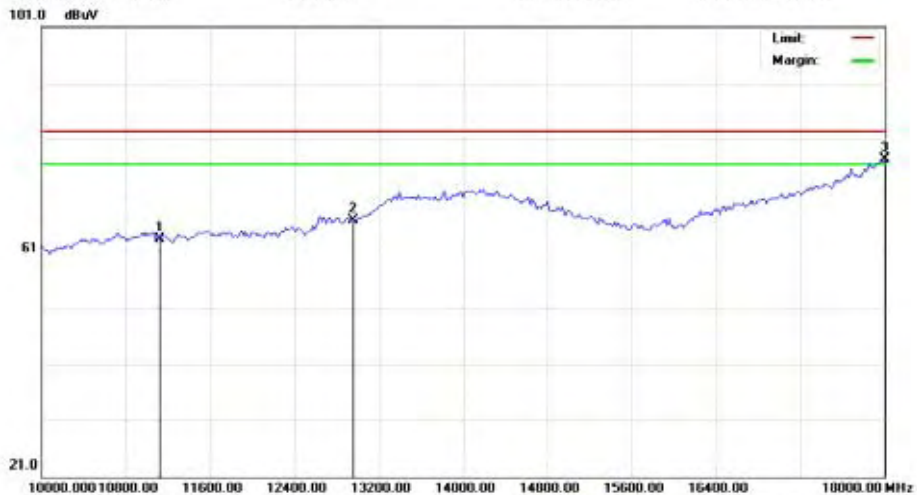
Radiated Emission Measurement

File: M619(12-18-2006)

Data #25

Date: 2006/12/19

Time: 上午 11:20:01



Site: 966中電波暗室

Polarization: Vertical

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PGS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PGS1800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Defect or	Comment
1		11101.20	41.80	21.39	63.19	82.22	-19.03	peak	
2		12951.40	42.26	24.15	66.41	82.22	-15.81	peak	
3	*	18000.00	42.72	34.60	77.32	82.22	-4.90	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #25

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

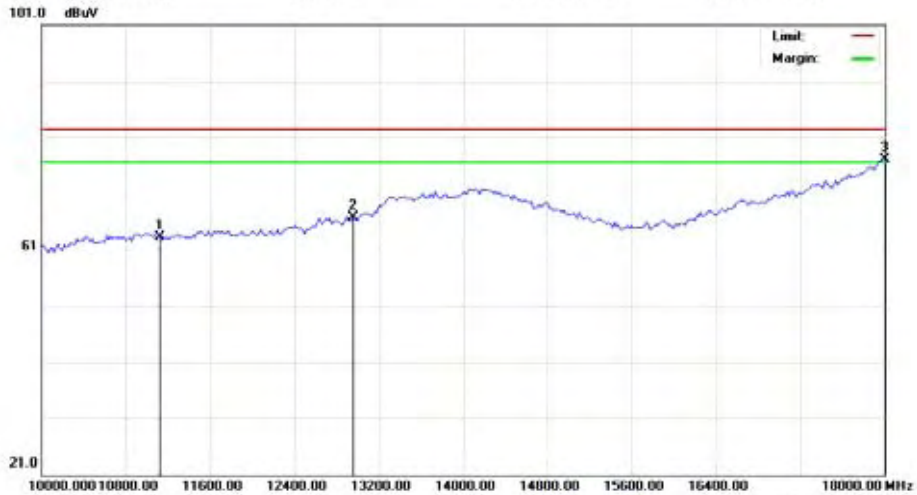
Radiated Emission Measurement

File: M619(12-18-2006)

Data: #14

Date: 2006/12/19

Time: 上午 10:15:22



Site: 955中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (PC91800)

Power:

Humidity: 60%

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PC91800 GH512

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		11101.20	41.74	21.39	63.13	82.22	-19.09	peak	
2		12951.40	42.56	24.15	66.71	82.22	-15.51	peak	
3	*	18000.00	42.32	34.60	76.92	82.22	-5.30	peak	

*: Maximum data x: Over limit b: over margin

■ Reference Only

File: M619(12-18-2006)\Data: #14

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #36

Date: 2006/12/19

Time: 下午 03:03:03



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PCS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PCS1800 GH661

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		56.4600	53.12	-12.31	40.81	82.22	-41.41	peak	
2		175.2599	53.93	-14.62	39.31	82.22	-42.91	peak	
3	*	248.1599	53.61	-10.98	42.63	82.22	-39.59	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data: #36

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

Radiated Emission Measurement

File: M619(12-18-2006)

Data: #38

Date: 2006/12/19

Time: 下午 03:11:34



Site: 966中電波暗室

Polarization: *Horizontal*

Temperature: 22℃

Limit: FCC Part 22 Spurious (PC91800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PC91800 GH661

No.	MK.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		59.7000	53.00	-12.52	40.48	82.22	-41.74	peak	
2		152.0399	53.21	-15.97	37.24	82.22	-44.98	peak	
3	*	277.3199	52.96	-10.62	42.34	82.22	-39.88	peak	

*:Maximum data x:Over limit b:over margin

▲Reference Only

File: M619(12-18-2006)\Data: #38

Page: 1

Engineer Signature:



A Test Lab Techno Corp.
Tel: +886-3-271-0188 Fax: +886-3-271-0190
NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan.

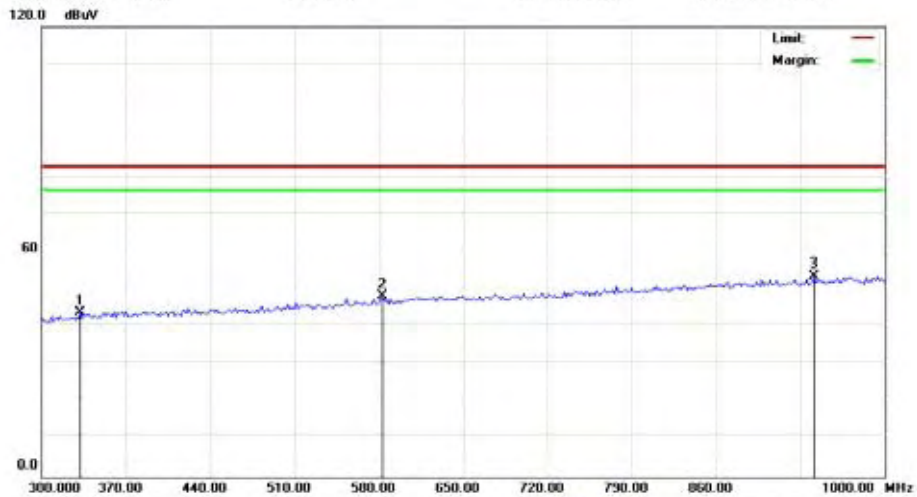
Radiated Emission Measurement

File: M619(12-18-2006)

Data #37

Date: 2006/12/19

Time: 下午 03:07:18



Site: 966中電波暗室

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Part 22 Spurious (PCS1800)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: SAMPLE FOR ESD

Note: PCS1800 GH661

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		332.1999	53.15	-9.35	43.80	82.22	-38.42	peak	
2		582.7999	53.22	-5.15	48.07	82.22	-34.15	peak	
3	*	941.2000	53.15	0.28	53.43	82.22	-28.79	peak	

*:Maximum data x:Over limit !:over margin

■Reference Only

File: M619(12-18-2006)\Data #37

Page: 1

Engineer Signature: