



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(EMI)

Data :#11

Date: 2007/03/06

Time: 下午 09:00:15

80.0 dBuV



Site site #1

Limit: FCC Class B 3M Radiation

EUT: PDA

M/N: M619

Mode: 11b

Note: CH11(2462MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: **Horizontal**

Power:

Distance: 3m

Temperature: 22 °C

Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		84.5400	38.69	-14.90	23.79	40.00	-16.21	peak	
2	*	145.0200	49.22	-16.18	33.04	43.50	-10.46	peak	
3		223.8600	45.46	-12.19	33.27	46.00	-12.73	peak	

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

●Reference Only

File :M619(EMI)\Data :#11

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Engineer Signature:



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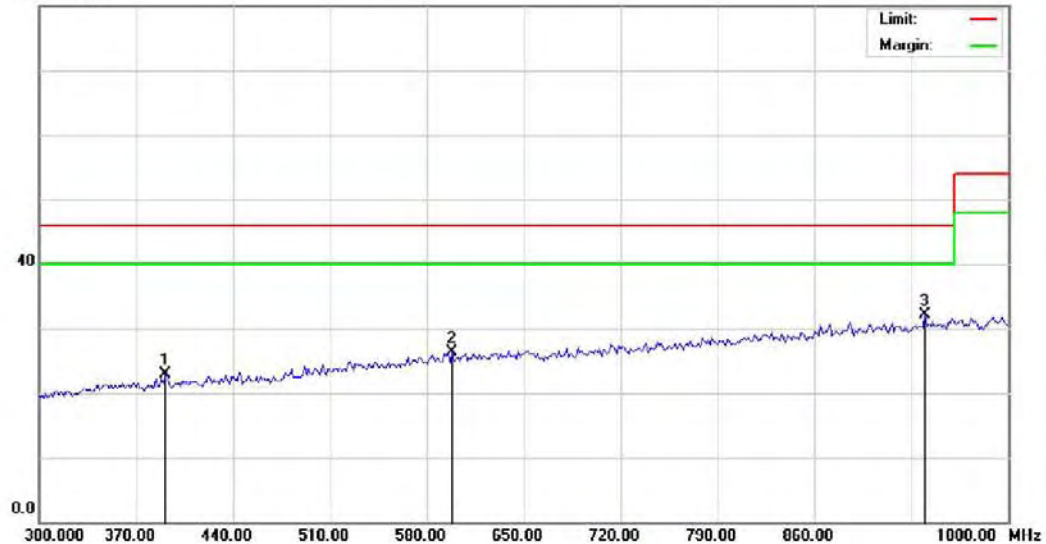
File :M619(EMI)

Data :#10

Date: 2007/03/06

Time: 下午 08:56:00

80.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		391.0000	31.30	-8.49	22.81	46.00	-23.19	peak	
2		598.2000	31.21	-4.89	26.32	46.00	-19.68	peak	
3	*	939.7998	31.88	0.27	32.15	46.00	-13.85	peak	

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

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File :M619(EMI)\Data :#10

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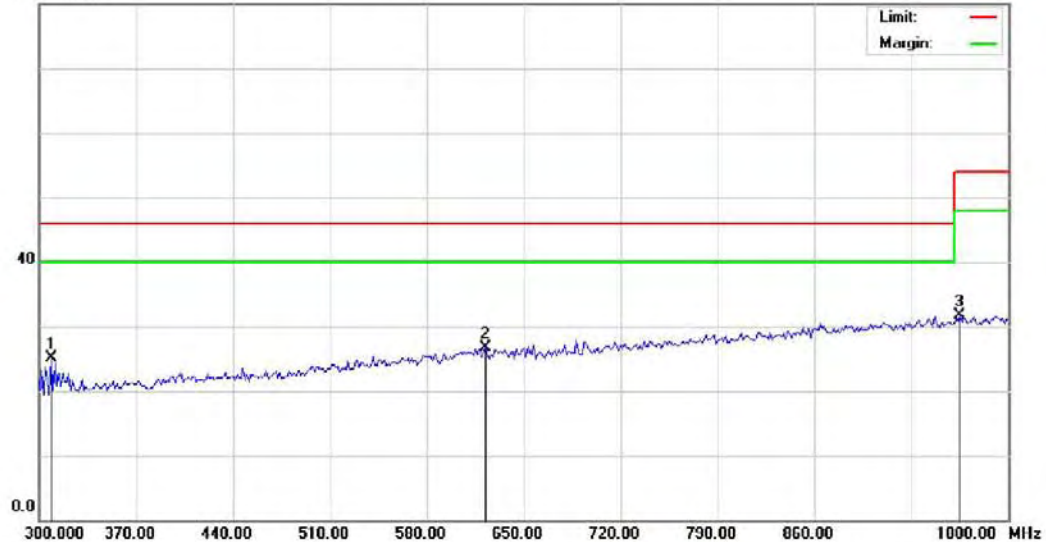
File :M619(EMI)

Data :#12

Date: 2007/03/06

Time: 下午 09:04:31

80.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		308.3999	35.00	-9.93	25.07	46.00	-20.93	peak	
2	*	622.0000	31.28	-4.48	26.80	46.00	-19.20	peak	
3		965.0000	30.98	0.68	31.66	54.00	-22.34	peak	

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

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File :M619(EMI)\Data :#12

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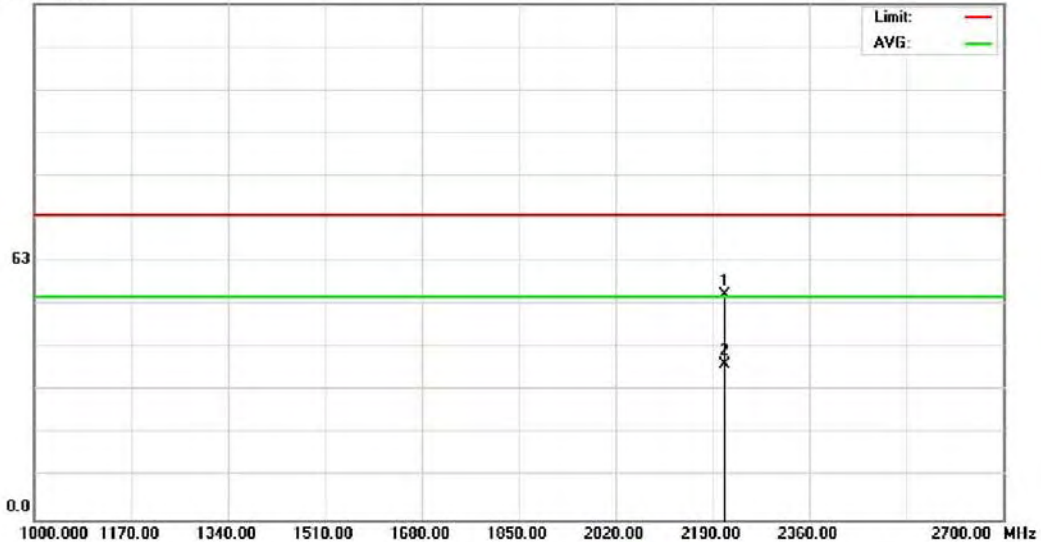
File :M619(CH11)

Data :#3

Date: 2007/03/06

Time: 下午 02:19:21

125.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G AV Scan

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2210.400	54.07	0.41	54.48	74.00	-19.52	peak	
2	*	2210.400	37.13	0.41	37.54	54.00	-16.46	AVG	

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

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File :M619(CH11)\Data :#3

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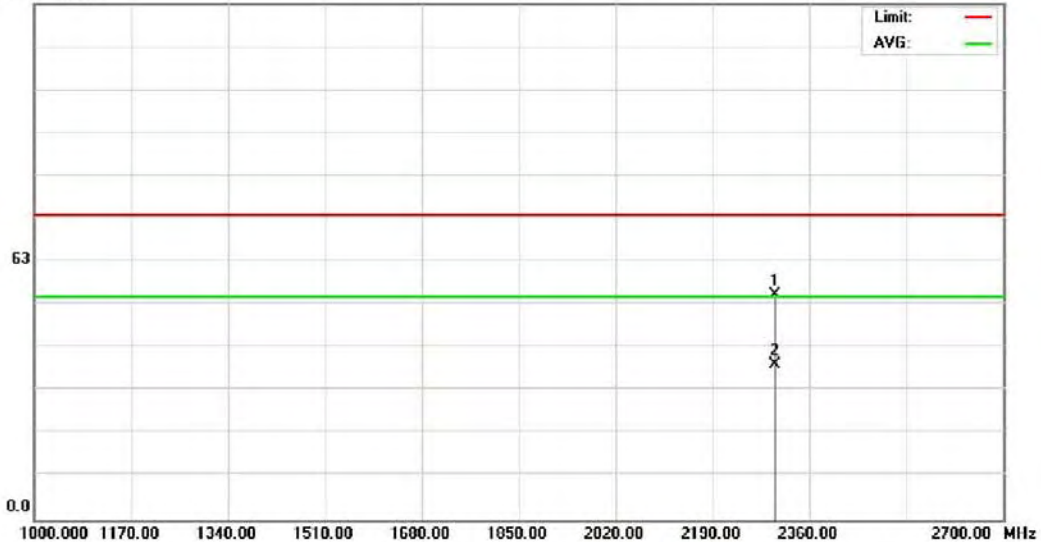
File :M619(CH11)

Data :#1

Date: 2007/03/06

Time: 下午 02:15:06

125.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G AV Scan

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1	*	2298.800	54.11	0.53	54.64	74.00	-19.36	peak	
2		2298.800	37.26	0.53	37.79	74.00	-36.21	peak	

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

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File :M619(CH11)\Data :#1

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Radiated Emission Measurement

File :M619(CH11)

Data :#7

Date: 2007/03/06

Time: 下午 03:13:14

95.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	38.86	22.58	61.44	74.00	-12.56	peak	
2		2700.000	24.68	22.58	47.26	54.00	-6.74	AVG	
3		4926.500	49.10	7.66	56.76	74.00	-17.24	peak	
4	*	4926.500	45.03	7.66	52.69	54.00	-1.31	AVG	
5		9671.500	38.93	17.15	56.08	74.00	-17.92	peak	
6		9671.500	29.62	17.15	46.77	54.00	-7.23	AVG	

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

●:Reference Only

File :M619(CH11)\Data :#7

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Radiated Emission Measurement

File :M619(CH11)

Data :#5

Date: 2007/03/06

Time: 下午 03:06:05

95.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	38.73	22.58	61.31	74.00	-12.69	peak	
2	*	2700.000	24.95	22.58	47.53	54.00	-6.47	AVG	
3		9397.750	39.01	17.08	56.09	74.00	-17.91	peak	
4		9397.750	29.15	17.08	46.23	54.00	-7.77	AVG	

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

●Reference Only

File :M619(CH11)\Data :#5

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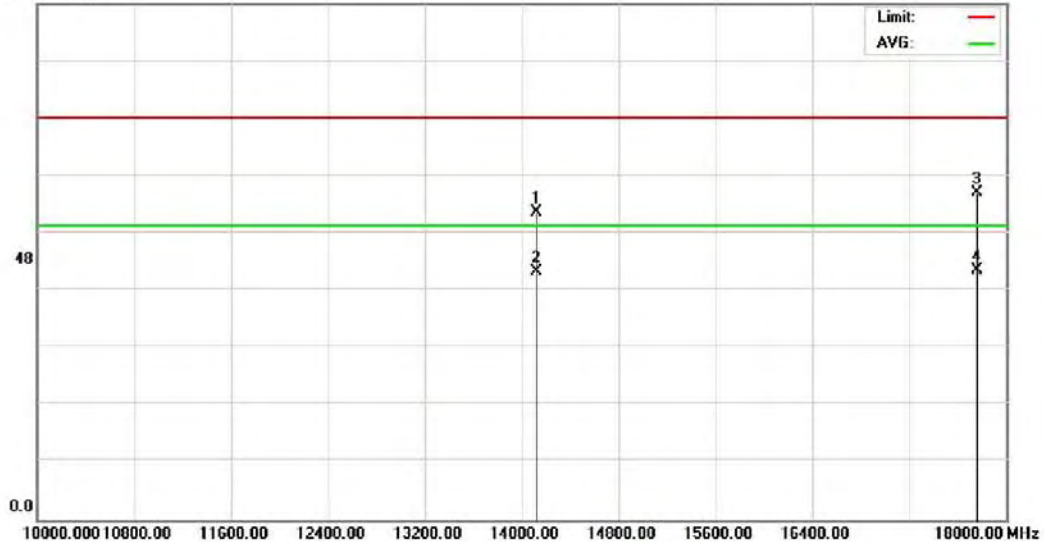
File :M619(CH11)

Data :#9

Date: 2007/03/06

Time: 下午 06:12:48

95.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 1m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(104cm)Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		14120.00	37.84	18.87	56.71	74.00	-17.29	peak	
2		14120.00	26.91	18.87	45.78	54.00	-8.22	AVG	
3		17760.00	37.08	23.05	60.13	74.00	-13.87	peak	
4	*	17760.00	22.89	23.05	45.94	54.00	-8.06	AVG	

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

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File :M619(CH11)\Data :#9

Page: 1

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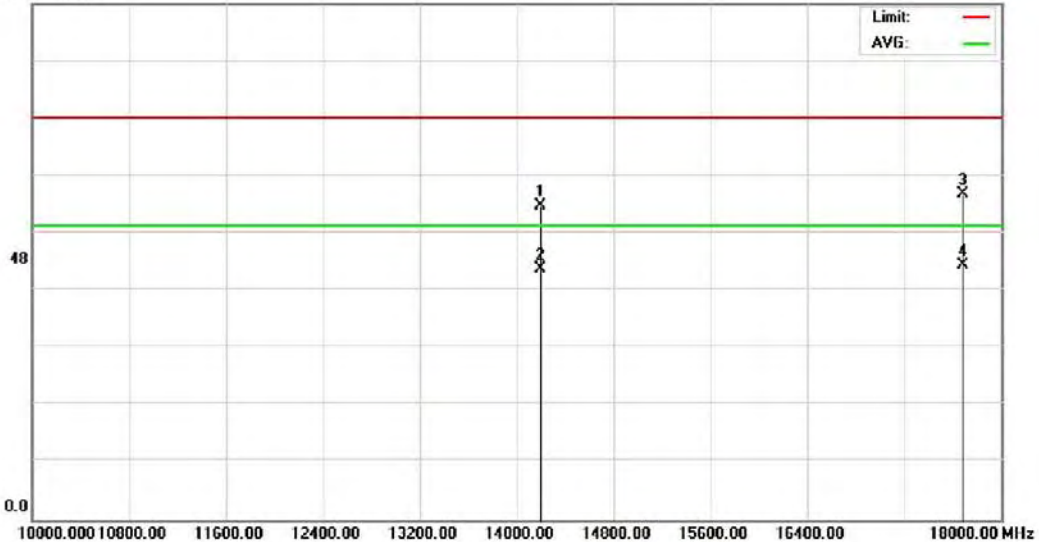
File :M619(CH11)

Data :#11

Date: 2007/03/06

Time: 下午 06:17:21

95.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 1m

M/N: M619

Mode: 11b

Note: CH11(2462MHz)(154cm)Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		14200.00	38.91	18.86	57.77	74.00	-16.23	peak	
2		14200.00	27.35	18.86	46.21	54.00	-7.79	AVG	
3		17680.00	37.36	22.62	59.98	74.00	-14.02	peak	
4	*	17680.00	24.17	22.62	46.79	54.00	-7.21	AVG	

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

●Reference Only

File :M619(CH11)\Data :#11

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3.6.4 Open Field Radiated Emissions (Subpart B&C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Inventec Corporation
Model No : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH1 2412.000 (Local Frequency: 2412.000 MHz)
Test Date : 03/06/2007

Please refer to next pager of detail testing data.

Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
(Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested



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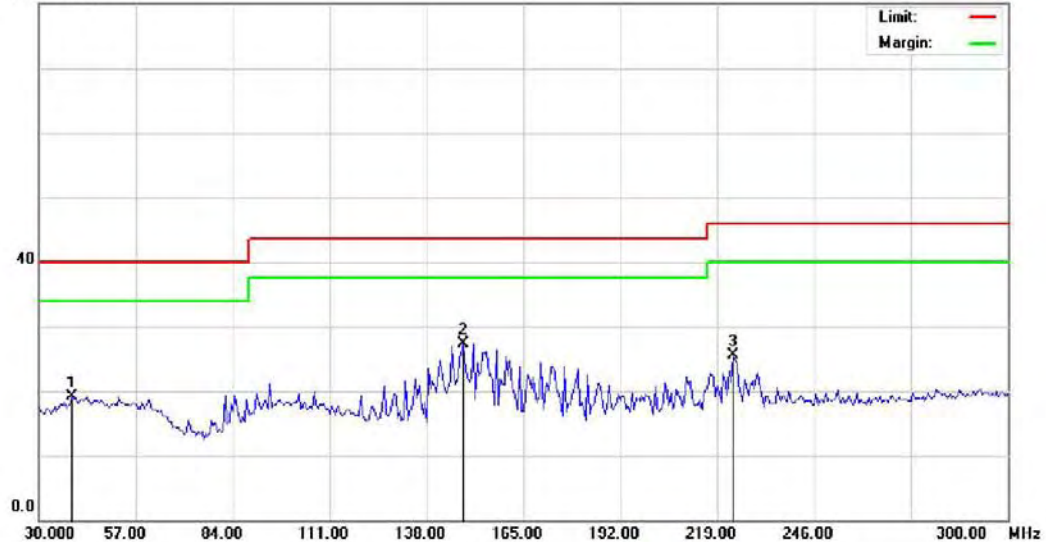
File :M619(EMI)

Data :#1

Date: 2007/03/06

Time: 下午 09:12:41

80.0 dBuV



Site site #1

Limit: FCC Class B 3M Radiation

EUT: PDA

M/N: M619

Mode: 11g

Note: CH01(2412MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: **Vertical**

Power:

Distance: 3m

Temperature: 22 °C

Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		39.1799	31.23	-12.10	19.13	40.00	-20.87	peak	
2	*	148.2598	43.42	-16.07	27.35	43.50	-16.15	peak	
3		223.3197	37.64	-12.22	25.42	46.00	-20.58	peak	

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

●Reference Only

File :M619(EMI)\Data :#1

Page: 1

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Radiated Emission Measurement

File :M619(EMI)

Data :#3

Date: 2007/03/06

Time: 下午 09:21:11

80.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		87.7800	39.03	-13.87	25.16	40.00	-14.84	peak	
2	*	153.6597	48.02	-15.93	32.09	43.50	-11.41	peak	
3		229.8000	43.60	-11.89	31.71	46.00	-14.29	peak	

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

●Reference Only

File :M619(EMI)\Data :#3

Page: 1

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Radiated Emission Measurement

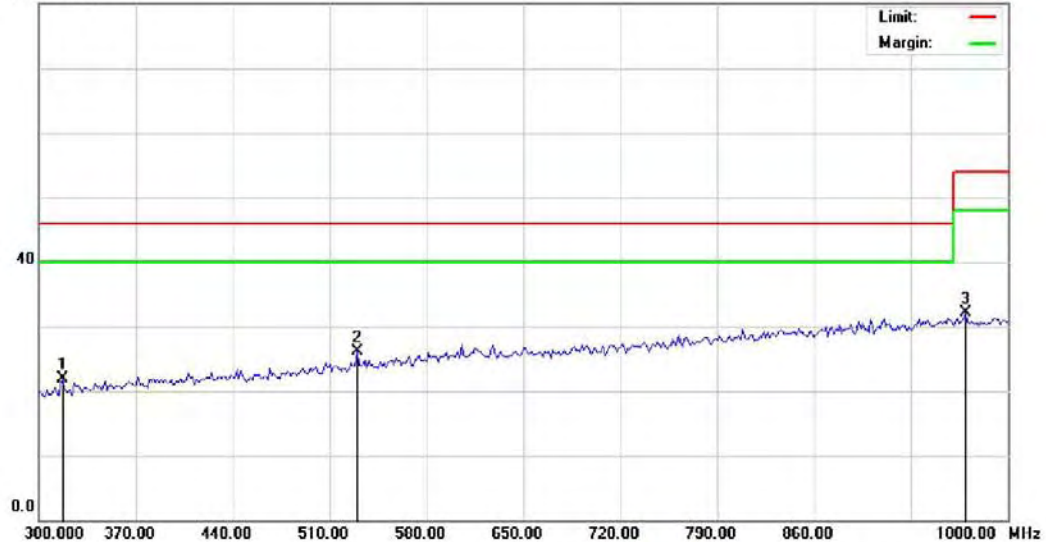
File :M619(EMI)

Data :#2

Date: 2007/03/06

Time: 下午 09:16:56

80.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		316.8000	31.74	-9.78	21.96	46.00	-24.04	peak	
2	*	529.6000	32.28	-6.27	26.01	46.00	-19.99	peak	
3		969.2000	31.37	0.72	32.09	54.00	-21.91	peak	

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

●Reference Only

File :M619(EMI)\Data :#2

Page: 1

Engineer Signature:



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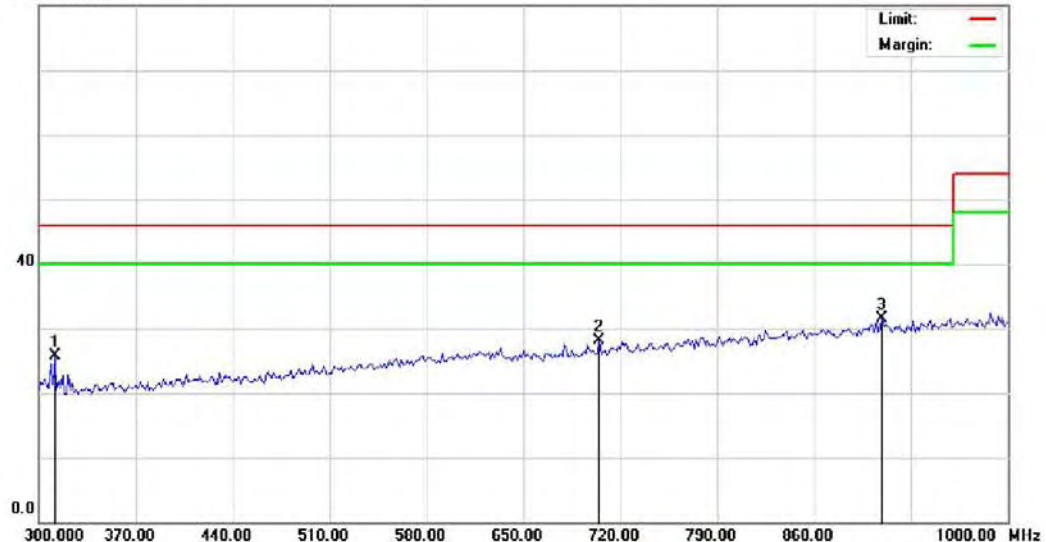
File :M619(EMI)

Data :#4

Date: 2007/03/06

Time: 下午 09:25:28

80.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		311.1999	35.51	-9.82	25.69	46.00	-20.31	peak	
2		704.6000	32.11	-4.01	28.10	46.00	-17.90	peak	
3	*	909.0000	31.52	-0.05	31.47	46.00	-14.53	peak	

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

●Reference Only

File :M619(EMI)\Data :#4

Page: 1

Engineer Signature:



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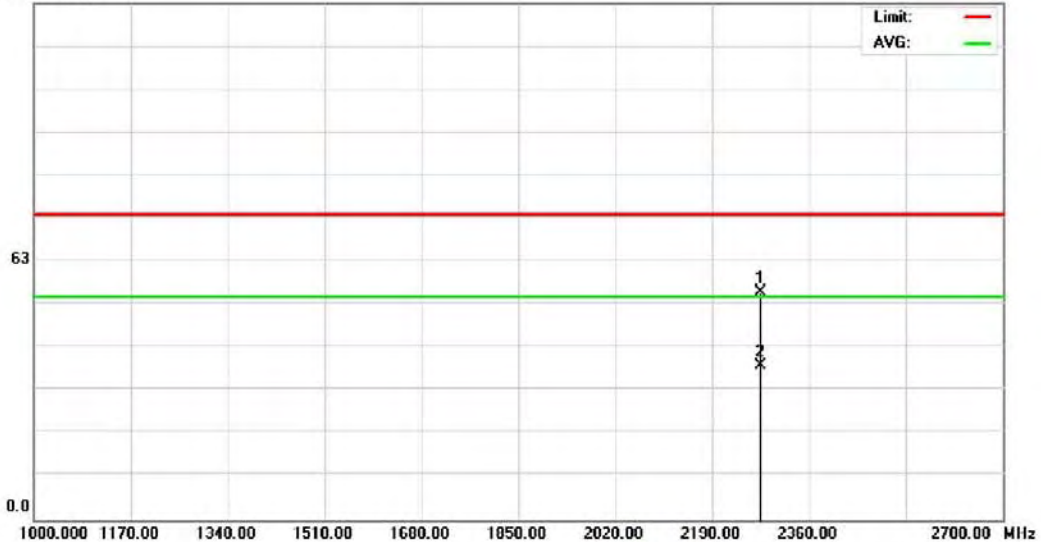
File :M619(CH01)

Data :#1

Date: 2007/03/06

Time: 上午 10:40:51

125.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2275.000	54.76	0.44	55.20	74.00	-18.80	peak	
2	*	2275.000	37.03	0.44	37.47	54.00	-16.53	AVG	

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

●Reference Only

File :M619(CH01)\Data :#1

Page: 1

Engineer Signature:



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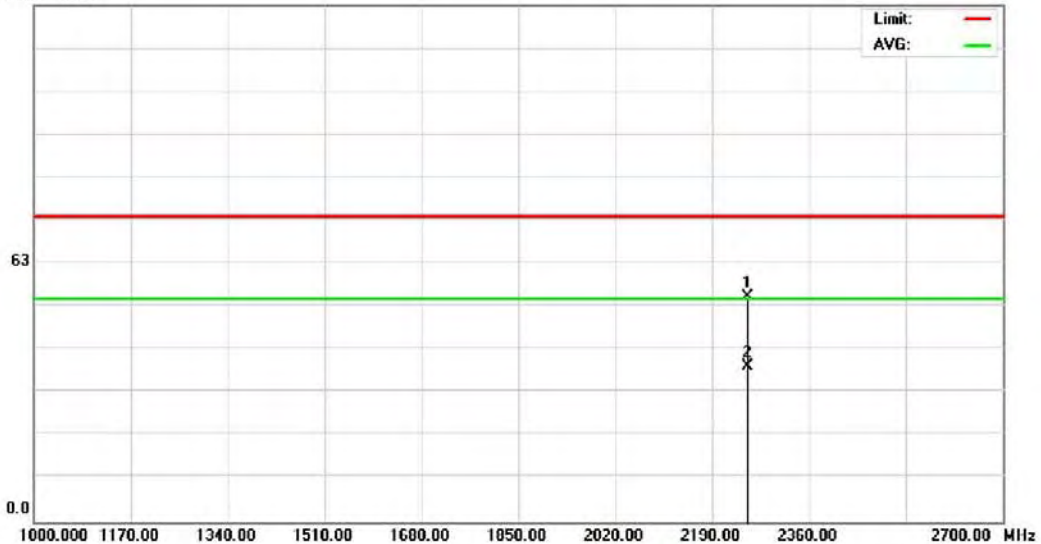
File :M619(CH01)

Data :#3

Date: 2007/03/06

Time: 上午 10:50:55

125.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2251.200	54.00	0.49	54.49	74.00	-19.51	peak	
2	*	2251.200	37.12	0.49	37.61	54.00	-16.39	AVG	

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

●Reference Only

File :M619(CH01)\Data :#3

Page: 1

Engineer Signature:



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Radiated Emission Measurement

File :M619(CH01)

Data :#5

Date: 2007/03/06

Time: 下午 12:02:02



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	39.18	22.58	61.76	74.00	-12.24	peak	
2	*	2700.000	25.28	22.58	47.86	54.00	-6.14	AVG	
3		4817.000	43.02	7.42	50.44	74.00	-23.56	peak	
4		9397.750	38.77	17.08	55.85	74.00	-18.15	peak	
5		9397.750	28.35	17.08	45.43	54.00	-8.57	AVG	

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

●Reference Only

File :M619(CH01)\Data :#5

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NO.140-1,Changan Street,Bade City,Taoyuan Country 344,Taiwan,

Radiated Emission Measurement

File :M619(CH01)

Data :#7

Date: 2007/03/06

Time: 下午 12:08:35



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	39.08	22.58	61.66	74.00	-12.34	peak	
2	*	2700.000	24.71	22.58	47.29	54.00	-6.71	AVG	
3		4817.000	39.13	7.42	46.55	74.00	-27.45	peak	
4		9598.500	38.68	17.41	56.09	74.00	-17.91	peak	
5		9598.500	28.72	17.41	46.13	54.00	-7.87	AVG	

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

●Reference Only

File :M619(CH01)\Data :#7

Page: 1

Engineer Signature:



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Radiated Emission Measurement

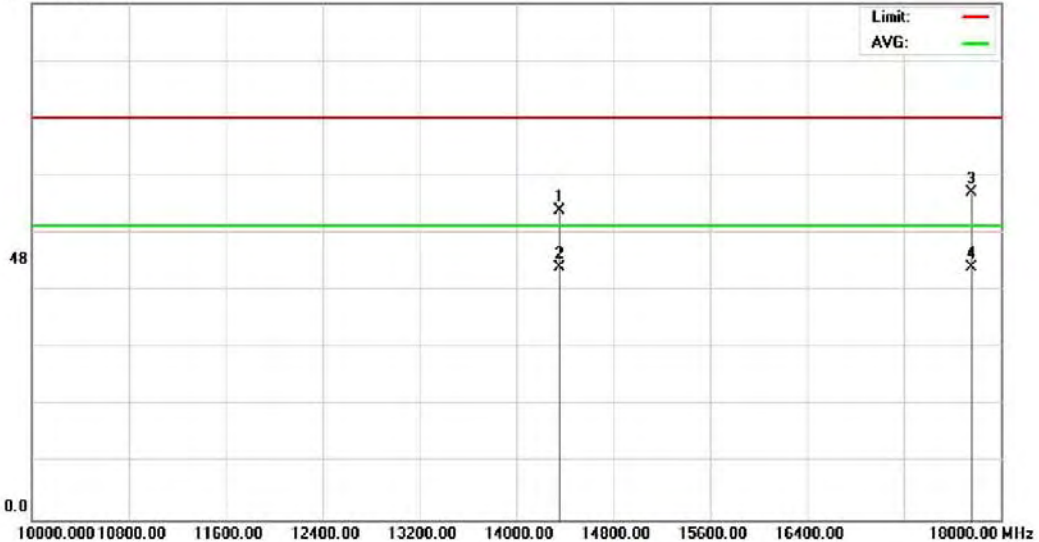
File :M619(CH01)

Data :#9

Date: 2007/03/06

Time: 下午 06:56:55

95.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 1m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		14360.00	38.40	18.40	56.80	74.00	-17.20	peak	
2		14360.00	27.95	18.40	46.35	54.00	-7.65	AVG	
3		17760.00	37.22	23.05	60.27	74.00	-13.73	peak	
4	*	17760.00	23.47	23.05	46.52	54.00	-7.48	AVG	

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

●Reference Only

File :M619(CH01)\Data :#9

Page: 1

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Radiated Emission Measurement

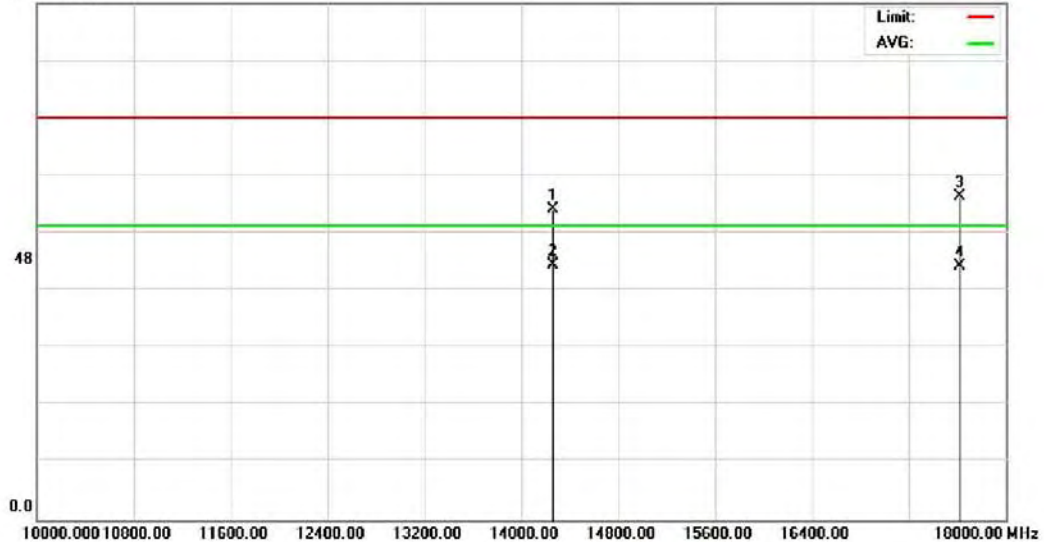
File :M619(CH01)

Data :#11

Date: 2007/03/06

Time: 下午 07:00:59

95.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 1m

M/N: M619

Mode: 11g

Note: CH01(2412MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		14260.00	38.41	18.66	57.07	74.00	-16.93	peak	
2	*	14260.00	28.31	18.66	46.97	54.00	-7.03	AVG	
3		17620.00	37.18	22.38	59.56	74.00	-14.44	peak	
4		17620.00	24.19	22.38	46.57	54.00	-7.43	AVG	

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

●Reference Only

File :M619(CH01)\Data :#11

Page: 1

Engineer Signature:



3.6.5 Open Field Radiated Emissions (Subpart B&C)

The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : Inventec Corporation
Model No : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH6 2437.000 (Local Frequency: 2437.000 MHz)
Test Date : 03/06/2007

Please refer to next pager of detail testing data.

Notes:

1. Margin= Amplitude - Limits
2. Distance of Measurement: 3 Meter (30-1000MHz) & (1-10GHz), 1 Meter (10-26.5GHz)
3. Height of table for EUT placed: 0.8 Meter.
4. ANT= Antenna height.
5. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
(Auto calculate in spectrum analyzer)
6. The EUT was worst case on X axis after pretest on X & Y & Z axis setting.
7. The testing data only show below 18GHz's data because measure data above 18GHz was only ambit noise.
8. All frequencies from 30MHz to 26.5GHz have been tested



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Radiated Emission Measurement

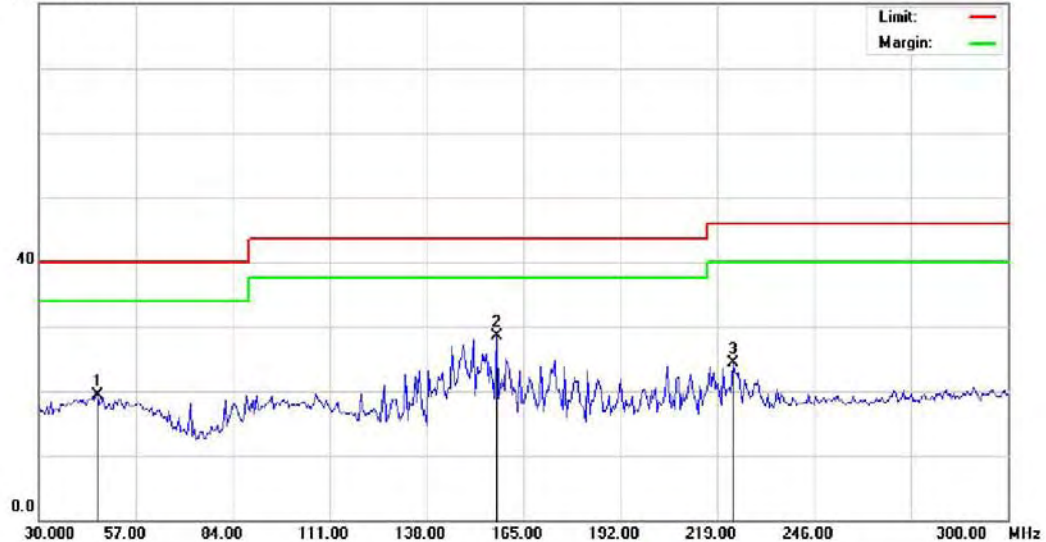
File :M619(EMI)

Data :#5

Date: 2007/03/06

Time: 下午 09:38:37

80.0 dBuV



Site site #1

Limit: FCC Class B 3M Radiation

EUT: PDA

M/N: M619

Mode: 11g

Note: CH06(2437MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: **Vertical**

Power:

Distance: 3m

Temperature: 22 °C

Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		46.2000	31.29	-11.91	19.38	40.00	-20.62	peak	
2	*	157.4398	44.18	-15.70	28.48	43.50	-15.02	peak	
3		223.3198	36.56	-12.22	24.34	46.00	-21.66	peak	

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

●Reference Only

File :M619(EMI)\Data :#5

Page: 1

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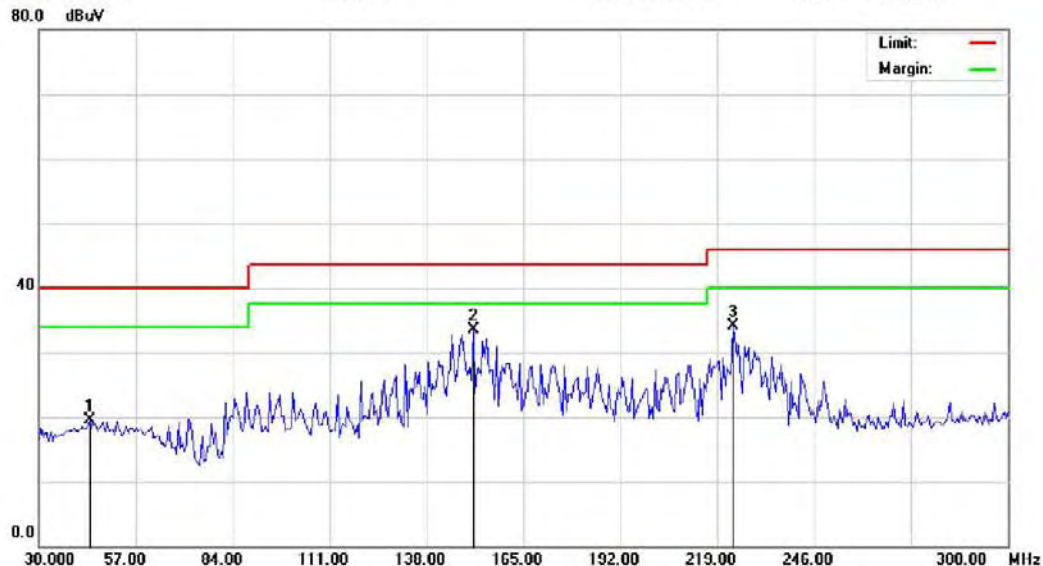
Radiated Emission Measurement

File :M619(EMI)

Data :#7

Date: 2007/03/06

Time: 下午 09:47:08



Site site #1

Limit: FCC Class B 3M Radiation

EUT: PDA

M/N: M619

Mode: 11g

Note: CH06(2437MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

Polarization: **Horizontal**

Power:

Distance: 3m

Temperature: 22 °C

Humidity: 60 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		44.0399	31.26	-11.84	19.42	40.00	-20.58	peak	
2	*	150.9600	49.41	-15.99	33.42	43.50	-10.08	peak	
3		223.3198	46.28	-12.22	34.06	46.00	-11.94	peak	

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

●Reference Only

File :M619(EMI)\Data :#7

Page: 1

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Radiated Emission Measurement

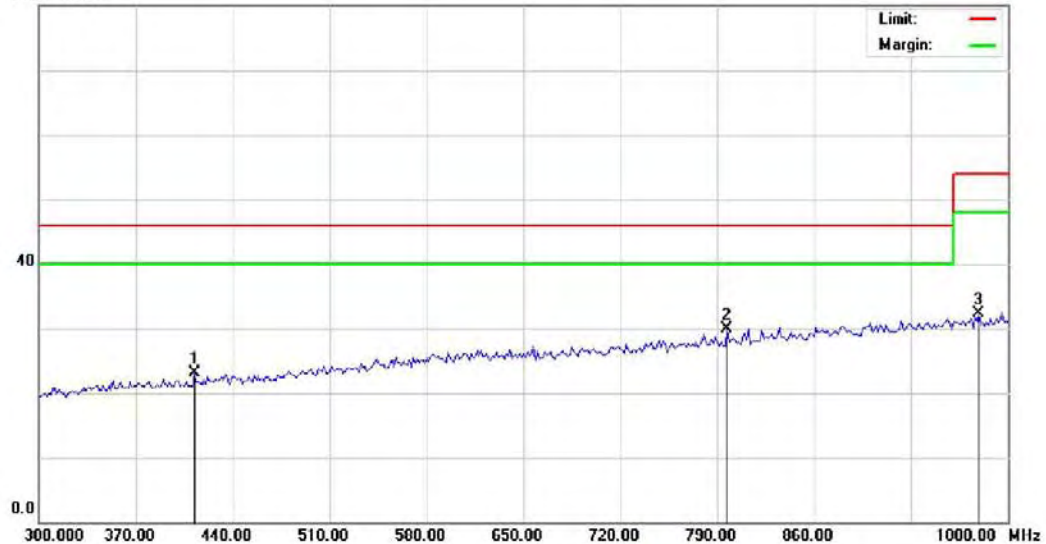
File :M619(EMI)

Data :#6

Date: 2007/03/06

Time: 下午 09:42:52

80.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		412.0000	31.28	-8.24	23.04	46.00	-22.96	peak	
2	*	797.0000	32.23	-2.34	29.89	46.00	-16.11	peak	
3		979.0000	31.73	0.48	32.21	54.00	-21.79	peak	

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

●Reference Only

File :M619(EMI)\Data :#6

Page: 1

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Radiated Emission Measurement

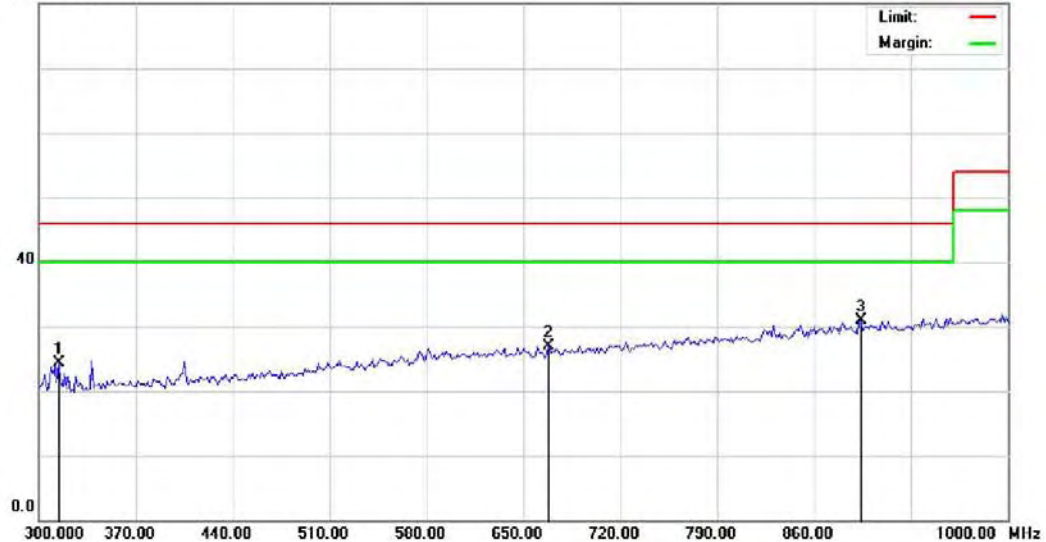
File :M619(EMI)

Data :#8

Date: 2007/03/06

Time: 下午 09:51:24

80.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		314.0000	34.06	-9.77	24.29	46.00	-21.71	peak	
2		668.2000	31.27	-4.35	26.92	46.00	-19.08	peak	
3	*	893.6000	31.51	-0.60	30.91	46.00	-15.09	peak	

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

●Reference Only

File :M619(EMI)\Data :#8

Page: 1

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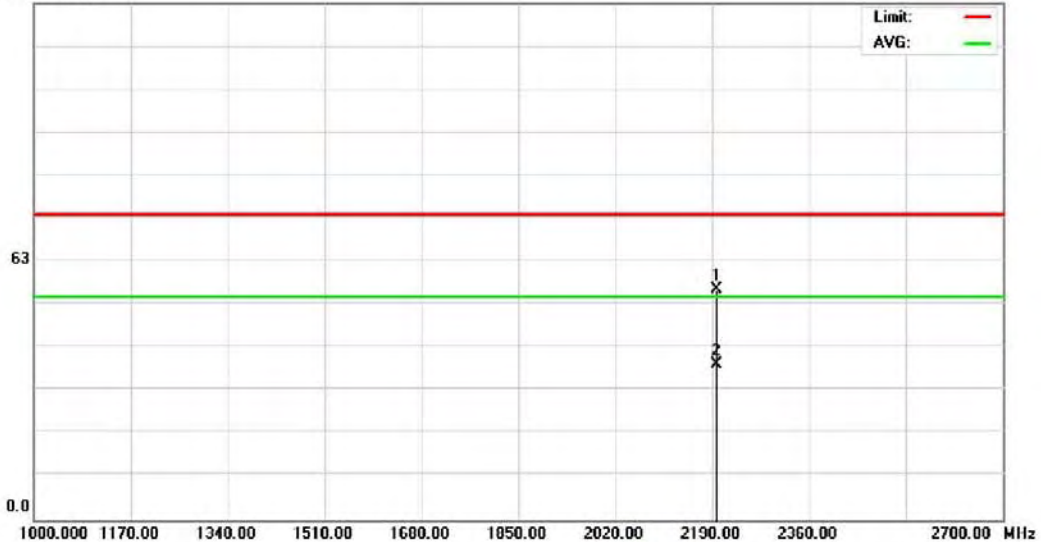
File :M619(CH06)

Data :#1

Date: 2007/03/06

Time: 上午 11:14:01

125.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2196.800	55.42	0.50	55.92	74.00	-18.08	peak	
2	*	2196.800	37.04	0.50	37.54	54.00	-16.46	AVG	

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

●Reference Only

File :M619(CH06)\Data :#1

Page: 1

Engineer Signature:



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Radiated Emission Measurement

File :M619(CH06)

Data :#3

Date: 2007/03/06

Time: 上午 11:22:44

125.0 dBuV



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2264.800	54.30	0.44	54.74	74.00	-19.26	peak	
2	*	2264.800	37.14	0.44	37.58	54.00	-16.42	AVG	

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

●Reference Only

File :M619(CH06)\Data :#3

Page: 1

Engineer Signature:



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Radiated Emission Measurement

File :M619(CH06)

Data :#7

Date: 2007/03/06

Time: 下午 12:22:54



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	38.58	22.58	61.16	74.00	-12.84	peak	
2	*	2700.000	25.37	22.58	47.95	54.00	-6.05	AVG	
3		4871.750	42.96	7.72	50.68	74.00	-23.32	peak	
4		9452.500	38.68	17.00	55.68	74.00	-18.32	peak	
5		9452.500	29.31	17.00	46.31	54.00	-7.69	AVG	

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

●Reference Only

File :M619(CH06)\Data :#7

Page: 1

Engineer Signature:



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Radiated Emission Measurement

File :M619(CH06)

Data :#5

Date: 2007/03/06

Time: 下午 12:17:21



Site site #1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 3m

M/N: M619

Mode: 11g

Note: CH06(2437MHz)(154cm) Tx Rate:bpsk ; Tx Power:13

2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		2700.000	39.24	22.58	61.82	74.00	-12.18	peak	
2	*	2700.000	24.62	22.58	47.20	54.00	-6.80	AVG	
3		9434.250	39.26	17.04	56.30	74.00	-17.70	peak	
4		9434.250	28.85	17.04	45.89	54.00	-8.11	AVG	

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

●Reference Only

File :M619(CH06)\Data :#5

Page: 1

Engineer Signature:



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Radiated Emission Measurement

File :M619(CH06)

Data :#9

Date: 2007/03/06

Time: 下午 06:31:30

95.0 dBuV



Site site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT: PDA

Distance: 1m

M/N: M619

Mode: 11g

Note: CH06(2437MHz)(104cm) Tx Rate:bpsk ; Tx Power:13

10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		14080.00	37.97	18.81	56.78	74.00	-17.22	peak	
2	*	14080.00	27.57	18.81	46.38	54.00	-7.62	AVG	
3		17780.00	37.37	23.30	60.67	74.00	-13.33	peak	
4		17780.00	21.98	23.30	45.28	54.00	-8.72	AVG	

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

●Reference Only

File :M619(CH06)\Data :#9

Page: 1

Engineer Signature: