A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
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P15B Measurement Report

Report No.	:	**0802FE17**
Applicant	:	**Inventec Corporation**
Product Type	:	**PDA PHONE**
Trade Name	:	**velocitymobile**
Model Name	:	**Velocity 103**
FCC ID	:	**DGIBC0312AAA000**
Dates of Test	:	**Apr. 22 ~ Apr. 24, 2008**
Test Specification	:	**Part 15 Subpart B**
Location of Test Lab.	:	**Chang-an Lab.**

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
3. The measurement report has to be written approval of A Test Lab Techno Corp. It may only be reproduced or published in full.

Country Huang **20080515**
Measurement Center Manager

John Cheng **20080515**
Testing Engineer

Declaration of Conformity

We here by verify that:

The test data, data evaluation, test procedures and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4:2003. All test were conducted by *A Test Lab Techno Corp. No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)* Also, we attest to the accuracy of each.

We further submit that the energy emitted by the sample EUT tested as described in the report is in compliance with Class B radiated and conducted emission limit of FCC Rules Part 15 Subpart B (15.107 & 15.109).

EUT	:	**PDA PHONE**
Applicant	:	**Inventec Corporation**
		Inventec Building, 66 Hou-Kang Street, Shih-Lin District, Taipei 11170, Taiwan
Trade Name	:	**velocitymobile**
Model Name	:	**Velocity 103**
FCC ID	:	**DGIBC0312AAA000**

Approved by : ***Country Huang*** ***Prepared by :*** ***John Cheng***

A Test Lab Techno Corp.
No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
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Contents

1. GENERAL

1.1 Description of Equipment under Test (EUT)

Applicant： **Inventec Corporation**
Inventec Building, 66 Hou-Kang Street, Shih-Lin District, Taipei 11170, Taiwan

Manufacturer	：	Inventec Corporation
Manufacturer Address	：	Inventec Building, 66 Hou-Kang Street, Shih-Lin District, Taipei 11170, Taiwan
Product Type	：	PDA PHONE
Trade Name	：	velocitymobile
Model Name	：	Velocity 103
FCC ID	：	DGIBC0312AAA000
Input Rating	：	100 - 240VAC / 0.25 A (AC Adapter)
Frequency of Channel	：	See Table 1
Type of Modulation	：	Direct Sequence Spread Spectrum
Type of Antenna	：	Internal Antnna Type

During testing the EUT was operated at Tx or Rx mode for each emission measured. This was done in order to ensure that maximum emission levels were attained.

802.11b/g Mode	
CH	**Frequency**
1	2412
2	2417
3	2422
4	2427
5	2432
6	2437
7	2442
8	2447
9	2452
10	2457
11	2462

Table 1. WLAN Frequency of Each Channel (Working Frequency)

1.2 Introduction

The following measurement report is submitted on behalf of **Inventec Corporation** In support of a Class B certification in accordance with Part2 Subpart J and Part 15 Subpart A and B of the Commission's and Regulations.

1.3 Summary of Tests

47 CFR Part 15 Subpart B			
Reference	**Test**	**Results**	**Note**
15.107	**Conducted Emission Limits**	**PASS**	
15.209	**Radiated Emissions Limits**	**PASS**	

1.4 Description of Support Equipment

Computer	**: DELL**
Model No.	**: PP20L**
Serial No.	**: UF230 A03**
FCC ID	**: E2KWM3945ABG**
Keyboard	**: DELL**
Model No.	**: SK-8115**
Serial No.	**: MY-0DJ325-71619-7113-1366**
FCC ID	**: FCC DOC**
Monitor	**: DELL**
Model No.	**: E177FPc**
Serial No.	**: CN-0FJ179-64180-6BT-4LYS**
FCC ID	**: FCC DOC**
Mouse	**: DELL**
Model No.	**: M056U0A**
Serial No.	**: F1F026E1**
FCC ID	**: FCC DOC**
Printer	**: EPSON**
Model No.	**: C60**
Serial No.	**: DR3K041323**
FCC ID	**: FCC DOC**

1.5 Configuration of System under Test

AC Adapter Link

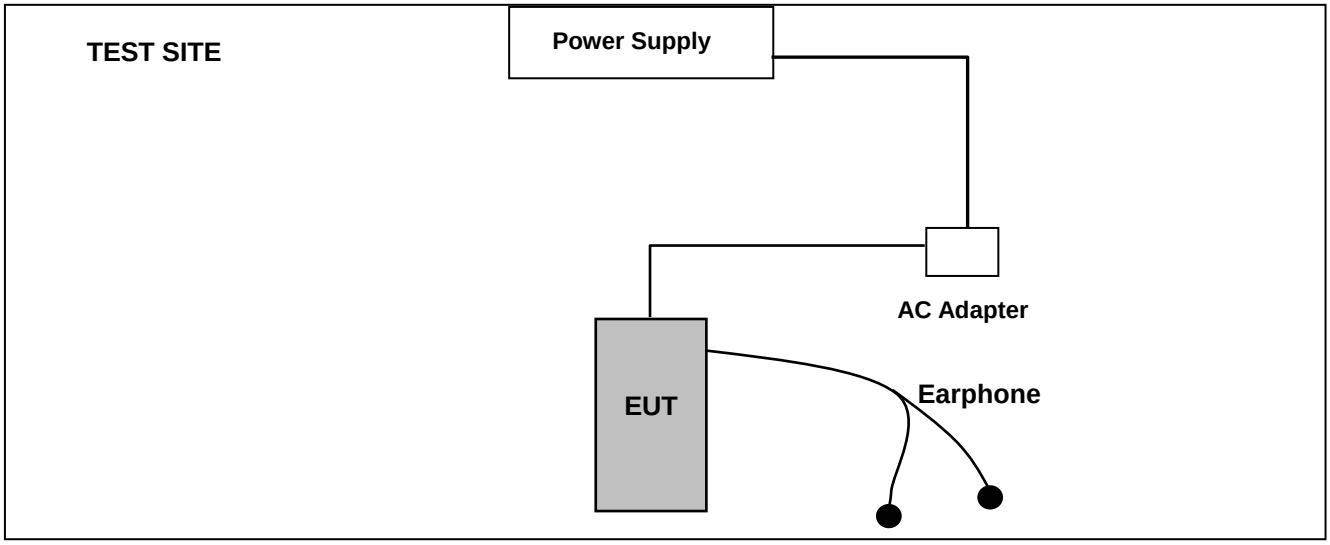


Figure 1. Configuration of System Under Test for AC Adapter Link

During EMI testing the EUT (PDA Phone)'s Power port was connected to AC Adapter. EUT (PDA Phone)'s Earphone connected to earphone.

PC USB Link

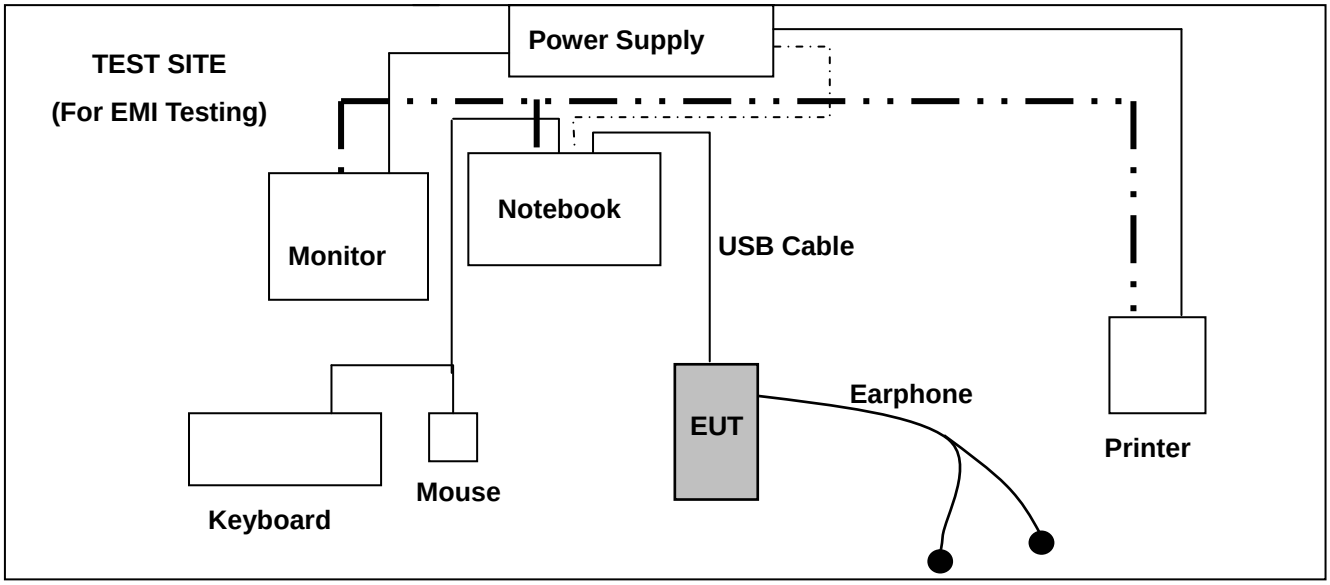


Figure 2. Configuration of System Under Test for PC USB Link

During EMI testing the EUT (PDA Phone)'s USB port connected to the USB port of Notebook & Earphone port connected to earphone. A mouse was connected to the mouse port of Notebook. And a keyboard was connected to the mouse port of Notebook. And a printer was connected to the parallel port.

1.6 Test Procedure

All measurements contained in this report were performed according to the techniques described in Measurement procedure ANSI C63.4-2003 "Measurement of un-Intentional Radiators."

1.7 General Test Condition

The conditions under which the EUT operates were varied to determine their effect on the equipment's emission characteristics. The final configuration of the test system and the mode of operation used during these tests were chosen as that which produced the highest emission levels. However, only those conditions which the EUT was considered likely to encounter in normal use were investigated. The system's radiated and conducted emissions were investigated while the computer alternately transferred data to the EUT as well as to the monitor and printer. Using a test program which sent a continuous data and transferred data to and from the EUT was proven to worst case emissions. The system's physical layout and cabling was randomly arranged to ensure that maximum emission levels were attained.

2. Conducted Emissions Requirements

2.1 General & Setup:

The power line conducted emission measurements were performed in a shielded enclosure. The EUT was assembled on a wooden table which is 80 centimeters high, was placed 40 centimeters from the back wall and at least 1 meter from the sidewall.

Power was fed to the EUT from the public utility power grid through a line filter and EMCO Model 3162/2 SH Line Impedance Stabilization Networks (LISN). The LISN housing, measuring instrumentation case, ground plane, etc., were electrically bonded together at the same RF potential. The Spectrum analyzer was connected to the AC line through an isolation transformer. The 50-ohm output of the LISN was connected to the spectrum analyzer directly. Conducted emission levels were in the CISPR quasi-peak detection mode. The analyzer's 6 dB bandwidth was set to 9 KHz. No post-detector video filter was used.

The spectrum was scanned from 150 KHz to 30 MHz. The physical arrangement of the test system and associated cabling was varied (within the scope of arrangements likely to be encountered in actual use) to determine the effect on the unit's emanations in amplitude and frequency. All spurious emission frequencies were observed. The highest emission amplitudes relative to the appropriate limit were measured and have been recorded in paragraph 2.6.

2.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Advantest	R3132	160300103	Mar. 06, 2008	Mar. 06, 2009
Test Receiver	R&S	ESCI	100367	May. 23, 2007	May. 23, 2008
LISN	EMCO	3816/2 SH	00060110	Jun. 06, 2007	Jun. 06, 2008
LISN	EMCO	3816/2 SH	00060111	Jun. 13, 2007	Jun. 13, 2008
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Jun. 26, 2007	Jun. 26, 2008

2.3 Test Configuration:

AC Adapter Mode

Figure 3. Front View of the Test Configuration

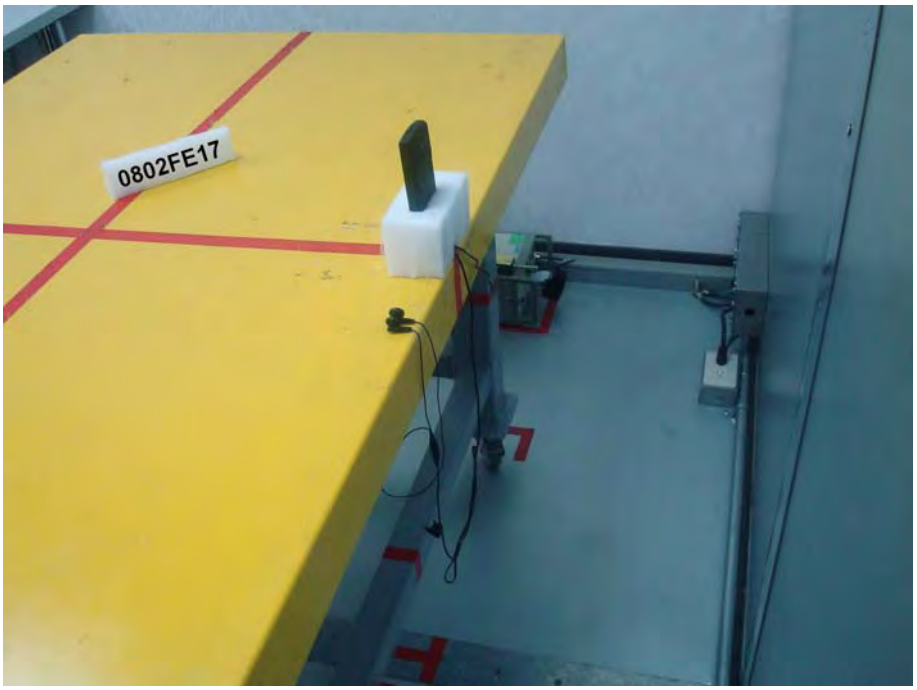


Figure 4. Rear View of the Test Configuration

PC USB Link Mode

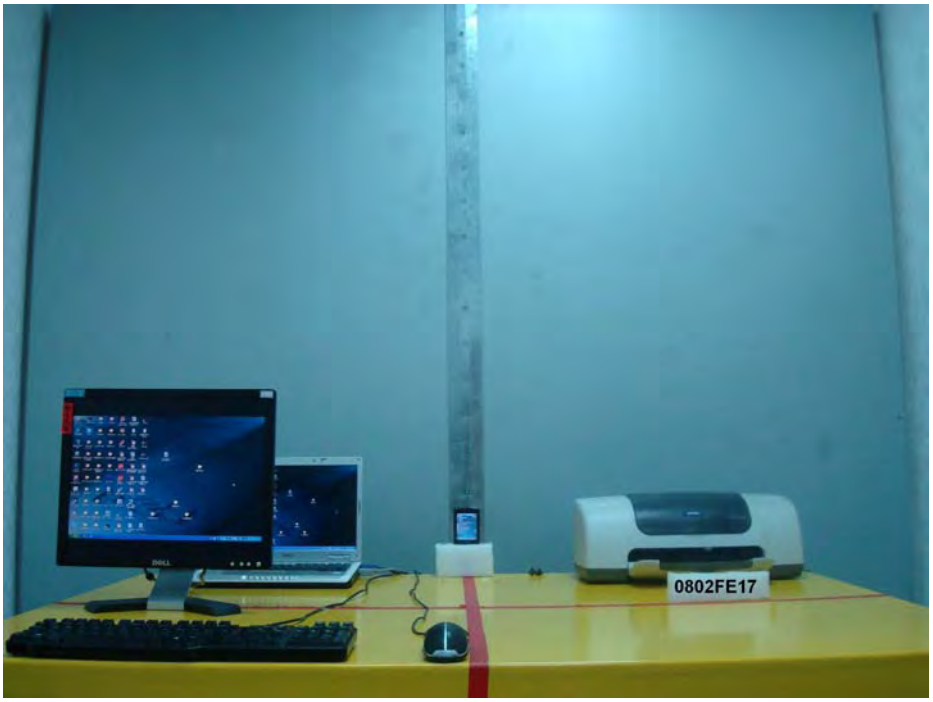


Figure 5. Front View of the Test Configuration

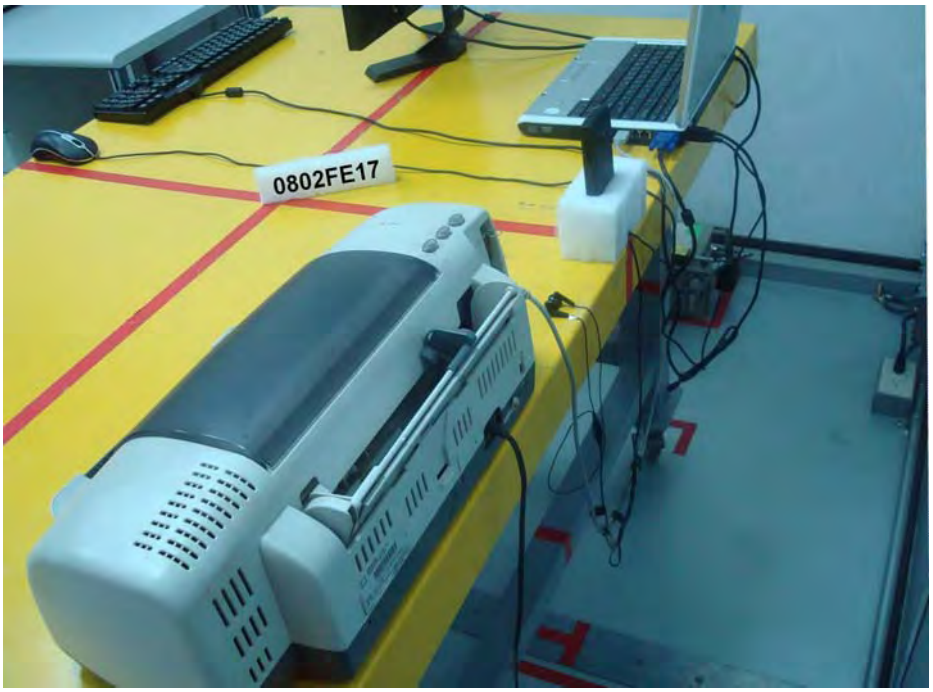


Figure 6. Rear View of the Test Configuration

2.4 Test condition:

EUT tested in accordance with the specifications given by the Manufacturer, and exercised in the most unfavorable manner.

2.5 Conducted Emissions Limits:

Frequency range (MHz)	Limits (dBuV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50

2.6 Measurement Data of Conducted Emissions:

2.6.1 Conducted Emissions (Subpart B)

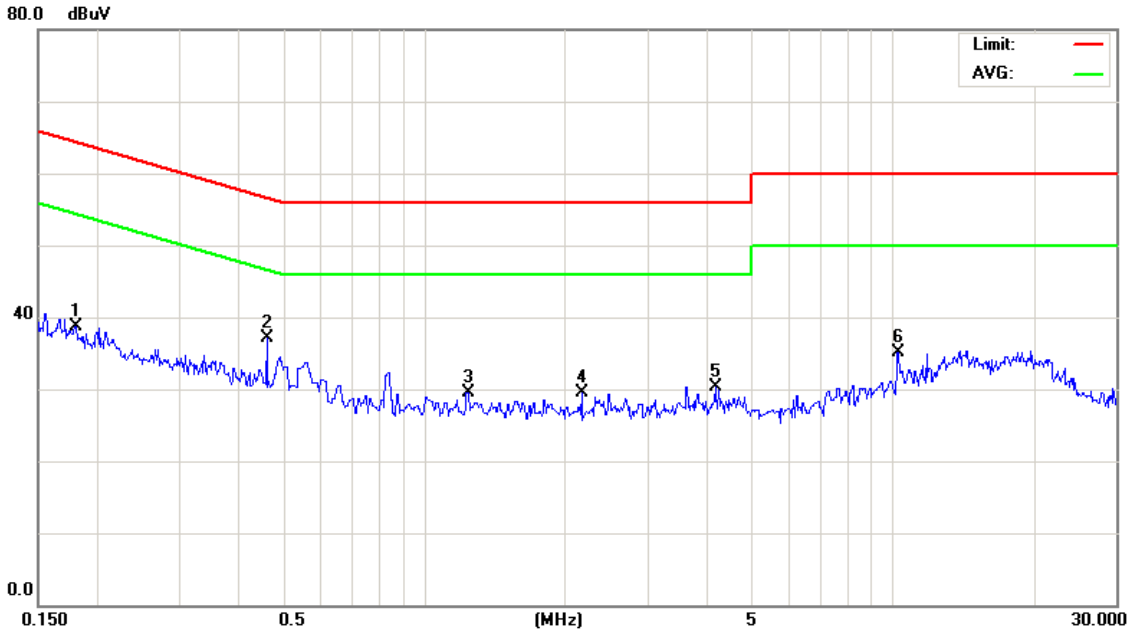
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ Stand by
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :Raymond 103(IDLE) Data :#1 Date: 2008/4/24 Time: 上午 10:19:08



Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

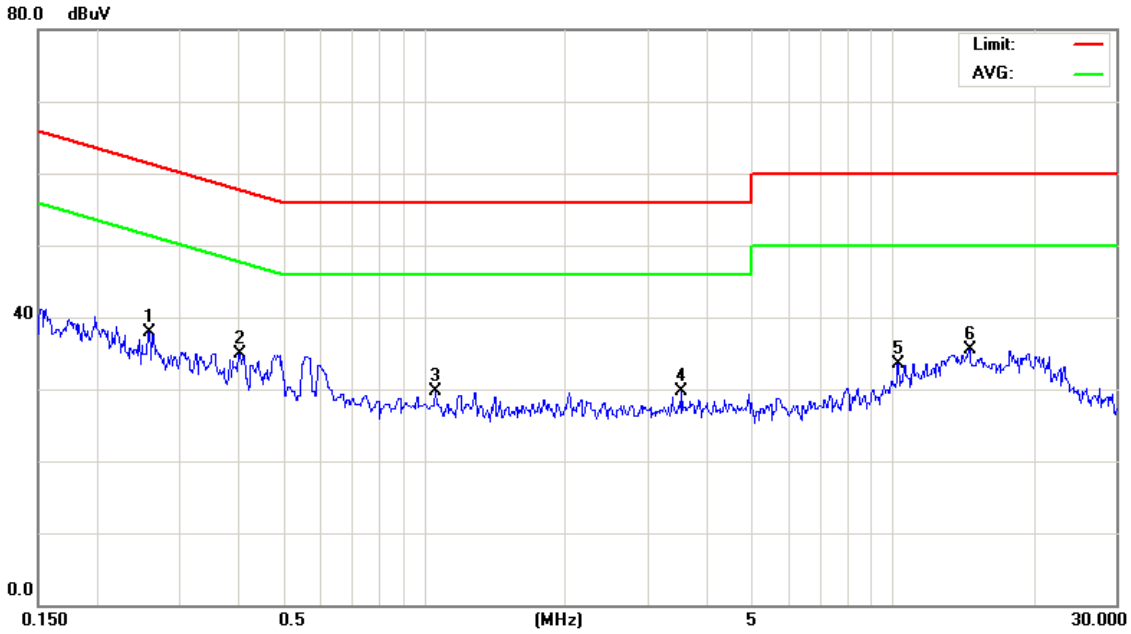
Mode: idle

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1801	28.92	9.74	38.66	64.48	-25.82	peak	
2	*	0.4608	27.23	9.78	37.01	56.68	-19.67	peak	
3		1.2380	19.60	9.81	29.41	56.00	-26.59	peak	
4		2.1650	19.57	9.88	29.45	56.00	-26.55	peak	
5		4.1720	20.36	9.98	30.34	56.00	-25.66	peak	
6		10.2500	25.07	10.06	35.13	60.00	-24.87	peak	

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

File :Raymond 103(IDLE) Data :#2 Date: 2008/4/24 Time: 上午 10:28:01



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: idle

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2584	28.24	9.75	37.99	61.48	-23.49	peak	
2	*	0.4020	25.05	9.78	34.83	57.81	-22.98	peak	
3		1.0580	19.83	9.80	29.63	56.00	-26.37	peak	
4		3.5420	19.71	9.94	29.65	56.00	-26.35	peak	
5		10.2500	23.45	10.06	33.51	60.00	-26.49	peak	
6		14.5500	25.21	10.20	35.41	60.00	-24.59	peak	

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

2.6.2 Conducted Emissions (Subpart B)

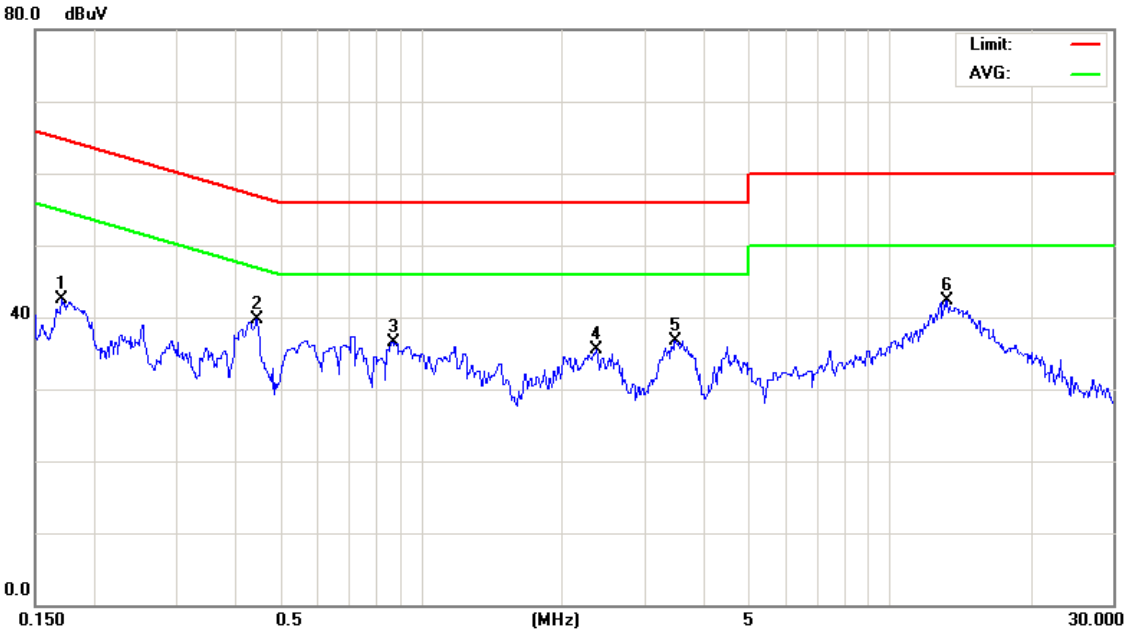
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ WLAN 802.11b Link Mode
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :Raymond 103(WIFI-11b) Data :#1 Date: 2008/4/24 Time:



Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

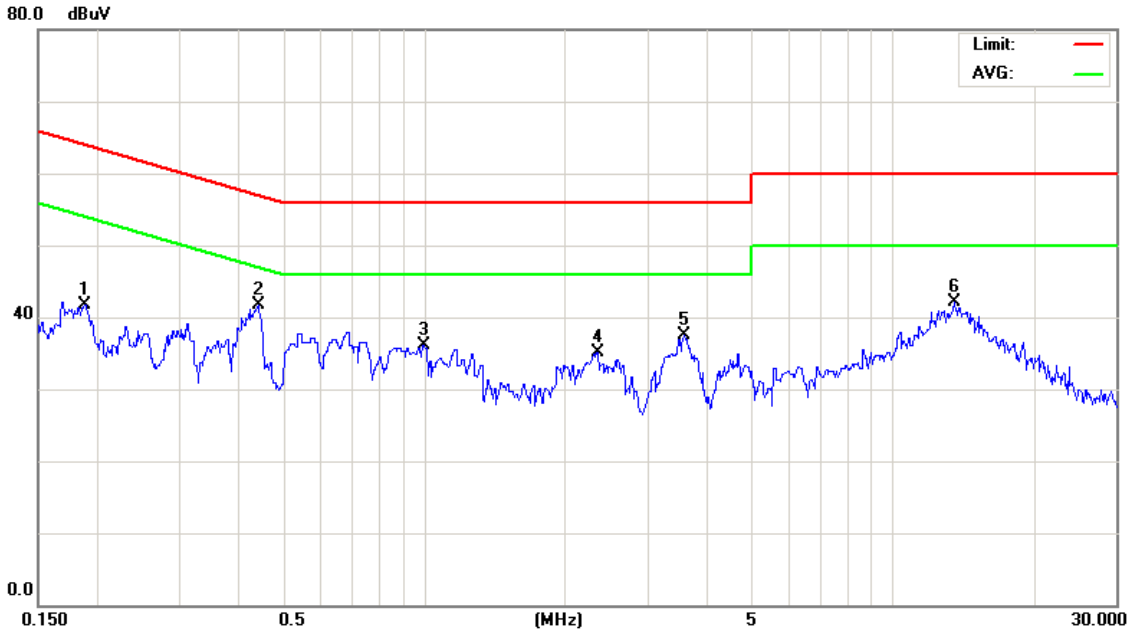
Mode: WIFI 11b

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1703	32.80	9.73	42.53	64.94	-22.41	peak	
2	*	0.4447	29.88	9.78	39.66	56.97	-17.31	peak	
3		0.8690	26.75	9.80	36.55	56.00	-19.45	peak	
4		2.3630	25.66	9.84	35.50	56.00	-20.50	peak	
5		3.4790	26.73	9.95	36.68	56.00	-19.32	peak	
6		13.2000	32.09	10.20	42.29	60.00	-17.71	peak	

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

File :Raymond 103(WIFI-11b) Data :#2 Date: 2008/4/24 Time:



Site site#1 Phase: L2 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: WIFI 11b

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1884	31.90	9.74	41.64	64.10	-22.46	peak	
2	*	0.4405	31.96	9.78	41.74	57.05	-15.31	peak	
3		0.9950	26.26	9.81	36.07	56.00	-19.93	peak	
4		2.3360	25.22	9.85	35.07	56.00	-20.93	peak	
5		3.5780	27.55	9.94	37.49	56.00	-18.51	peak	
6		13.5500	31.86	10.21	42.07	60.00	-17.93	peak	

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

2.6.3 Conducted Emissions (Subpart B)

The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ WLAN 802.11g Link Mode
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

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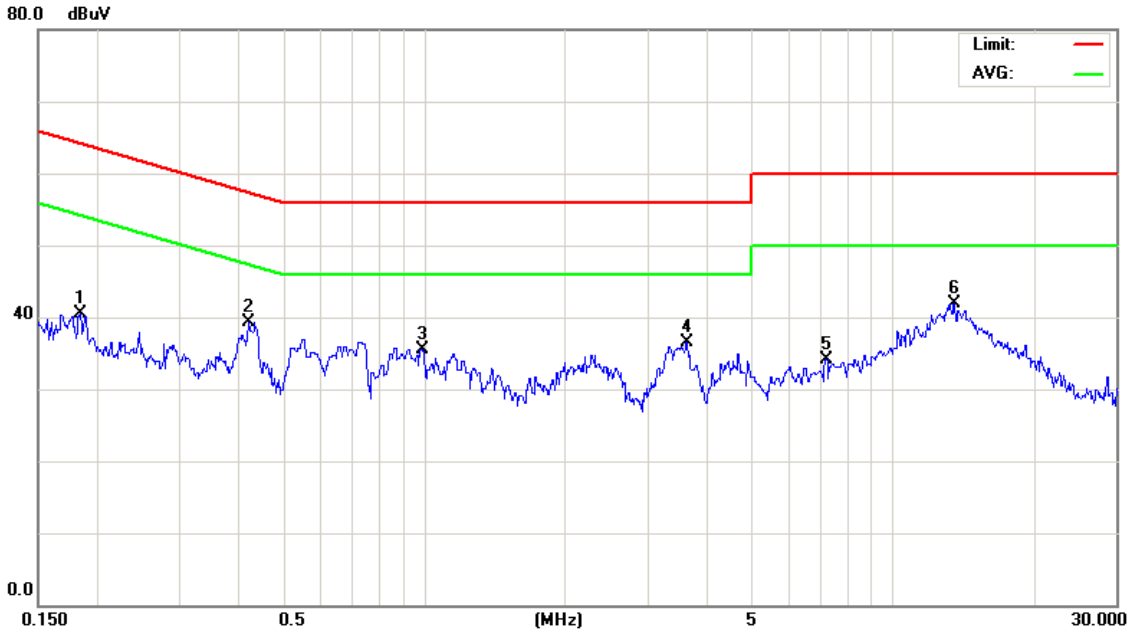


Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

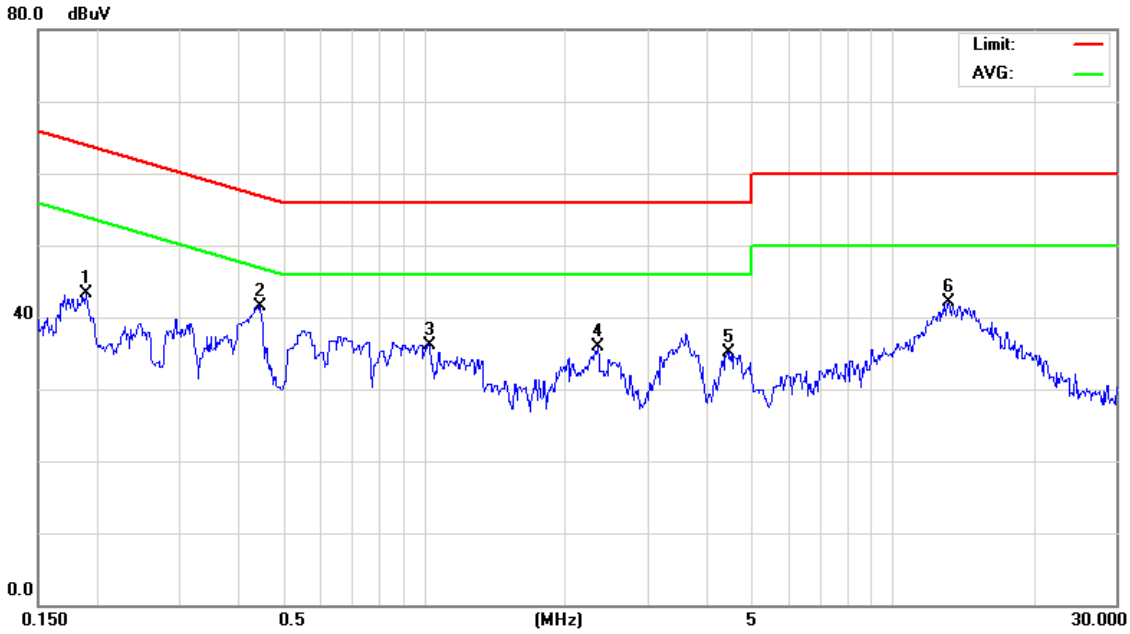
Mode: WIFI (11G)

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1843	30.74	9.74	40.48	64.28	-23.80	peak	
2		0.4209	29.48	9.78	39.26	57.43	-18.17	peak	
3		0.9860	25.75	9.81	35.56	56.00	-20.44	peak	
4		3.6230	26.63	9.93	36.56	56.00	-19.44	peak	
5		7.2000	24.06	10.09	34.15	60.00	-25.85	peak	
6	*	13.5000	31.66	10.21	41.87	60.00	-18.13	peak	

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

File :Raymond 103(WIFI-11g) Data :#2 Date: 2008/4/24 Time:



Site site#1 Phase: L2 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: WIFI (11G）

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1899	33.66	9.74	43.40	64.04	-20.64	peak	
2	*	0.4461	31.77	9.78	41.55	56.95	-15.40	peak	
3		1.0220	26.30	9.80	36.10	56.00	-19.90	peak	
4		2.3450	26.13	9.84	35.97	56.00	-20.03	peak	
5		4.4330	25.02	10.02	35.04	56.00	-20.96	peak	
6		13.1500	31.94	10.19	42.13	60.00	-17.87	peak	

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

2.6.4 Conducted Emissions (Subpart B)

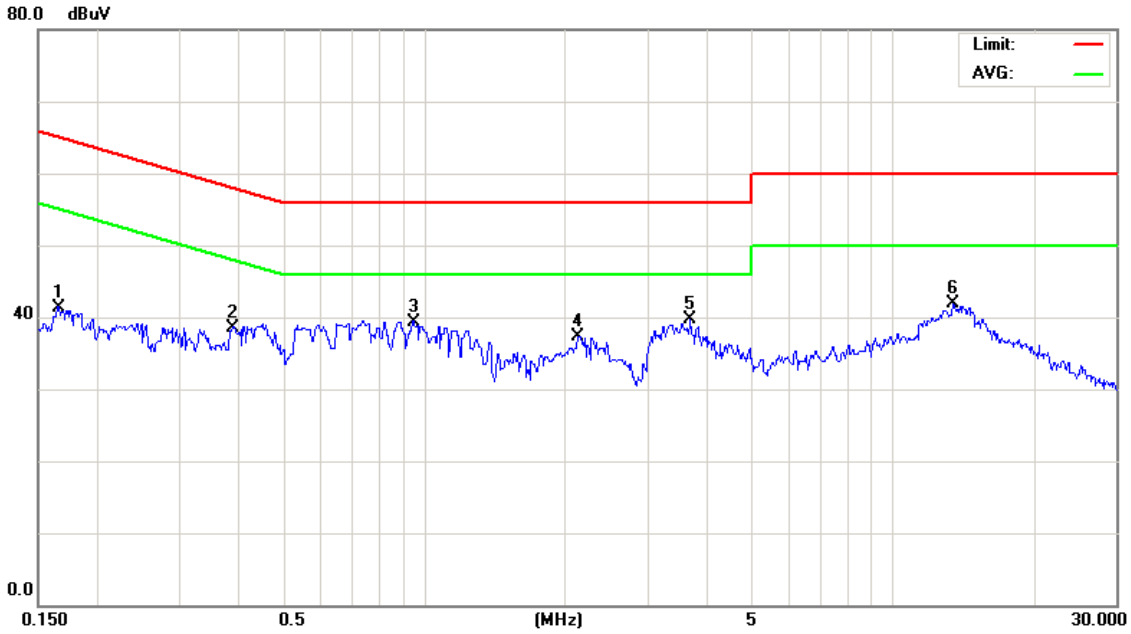
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link _ Stand by
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :Raymond 103(IDEL) Data :#1 Date: 2008/4/24 Time:



Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

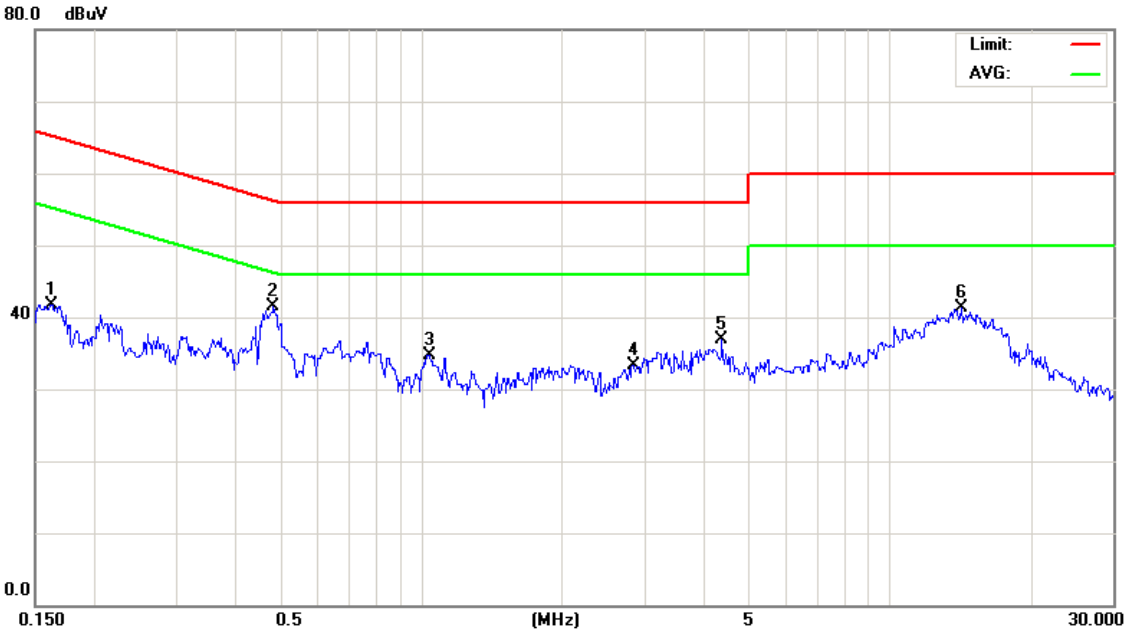
Mode: IDEL

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1652	31.63	9.73	41.36	65.19	-23.83	peak	
2		0.3905	28.79	9.78	38.57	58.05	-19.48	peak	
3		0.9500	29.48	9.81	39.29	56.00	-16.71	peak	
4		2.1288	27.48	9.88	37.36	56.00	-18.64	peak	
5	*	3.6949	29.79	9.94	39.73	56.00	-16.27	peak	
6		13.4500	31.61	10.21	41.82	60.00	-18.18	peak	

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

File :Raymond 103(IDEL) Data :#2 Date: 2008/4/24 Time:



Site site#1 Phase: L2 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: IDEL

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1617	32.00	9.73	41.73	65.37	-23.64	peak	
2	*	0.4817	31.71	9.78	41.49	56.31	-14.82	peak	
3		1.0400	24.83	9.80	34.63	56.00	-21.37	peak	
4		2.8308	23.34	9.91	33.25	56.00	-22.75	peak	
5		4.3788	26.98	10.01	36.99	56.00	-19.01	peak	
6		14.2000	31.03	10.20	41.23	60.00	-18.77	peak	

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

2.6.5 Conducted Emissions (Subpart B)

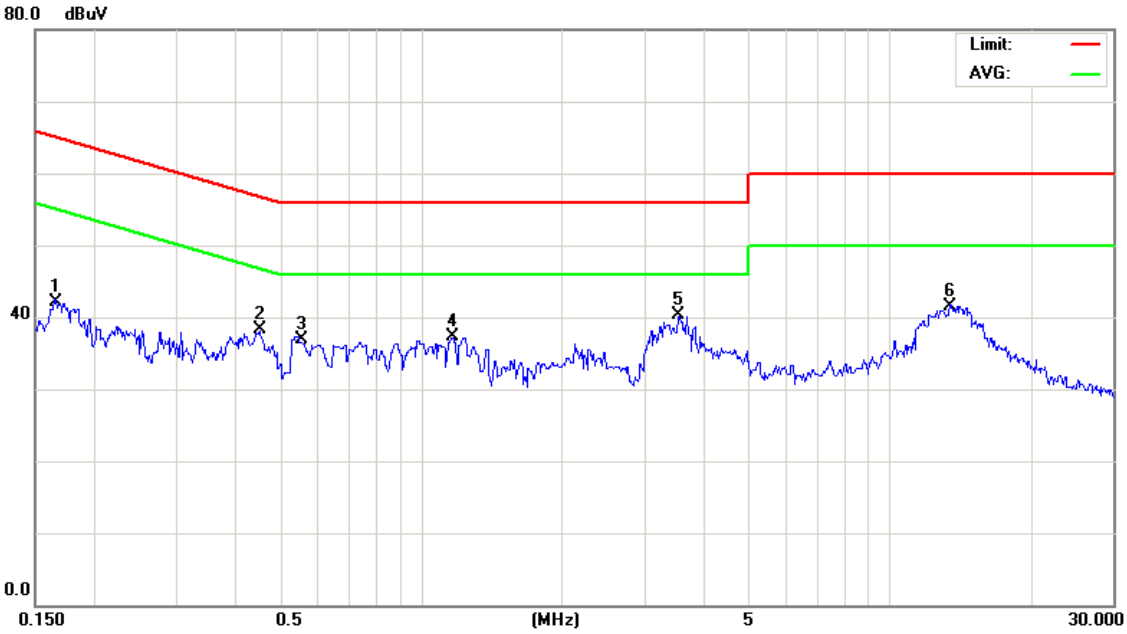
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link _ WLAN 802.11b Link Mode
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :Raymond 103(11b) Data :#1 Date: 2008/4/24 Time:



Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

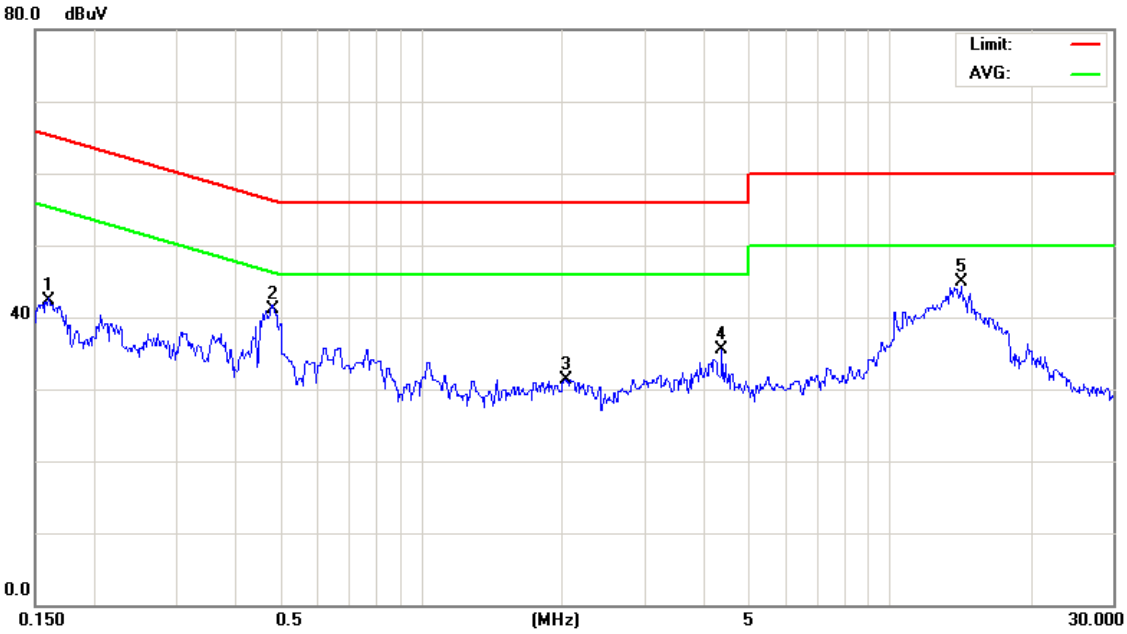
Mode: 11b

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1652	32.40	9.73	42.13	65.19	-23.06	peak	
2		0.4501	28.47	9.78	38.25	56.87	-18.62	peak	
3		0.5540	27.14	9.79	36.93	56.00	-19.07	peak	
4		1.1655	27.46	9.80	37.26	56.00	-18.74	peak	
5	*	3.5419	30.35	9.94	40.29	56.00	-15.71	peak	
6		13.4500	31.26	10.21	41.47	60.00	-18.53	peak	

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

File :Raymond 103(11b) Data :#2 Date: 2008/4/24 Time:



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: 11b

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1597	32.63	9.73	42.36	65.47	-23.11	peak	
2		0.4788	31.35	9.78	41.13	56.36	-15.23	peak	
3		2.0300	21.41	9.86	31.27	56.00	-24.73	peak	
4		4.3788	25.52	10.01	35.53	56.00	-20.47	peak	
5	*	14.2000	34.72	10.20	44.92	60.00	-15.08	peak	

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

2.6.6 Conducted Emissions (Subpart B)

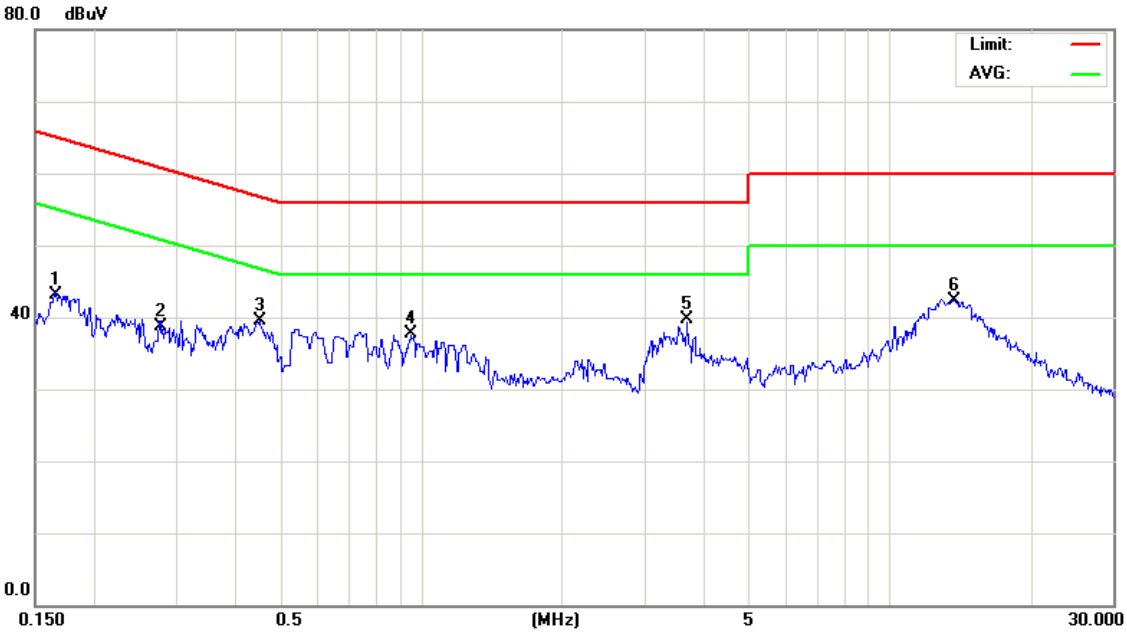
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link _ WLAN 802.11g Link Mode
Test Date : 04/24/2008
Please refer to next pager of detail testing data.

Notes:

1. L1: One end & Ground L2: The other end & Ground
2. Height of table on which the EUT was placed: 0.8 m.
3. The Quasi-Peak Value have already met the Average Value Limit showed on above limits.
4. The above test results are obtained under the normal condition.

File :Raymond 103(11g) Data :#1 Date: 2008/4/24 Time:



Site site#1 Phase: L1 Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

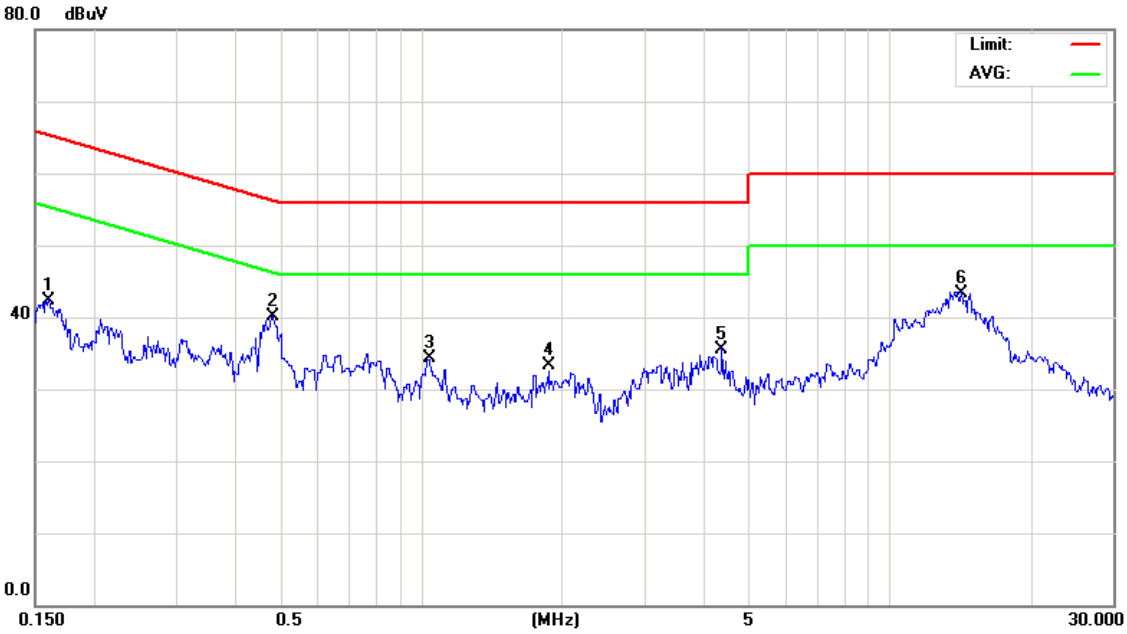
Mode: 11g

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1652	33.40	9.73	43.13	65.19	-22.06	peak	
2		0.2760	28.98	9.76	38.74	60.93	-22.19	peak	
3		0.4501	29.73	9.78	39.51	56.87	-17.36	peak	
4		0.9500	27.92	9.81	37.73	56.00	-18.27	peak	
5	*	3.6949	29.68	9.94	39.62	56.00	-16.38	peak	
6		13.7000	32.07	10.21	42.28	60.00	-17.72	peak	

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

File :Raymond 103(11g) Data :#2 Date: 2008/4/24 Time:



Site site#1 Phase: *L2* Temperature: 26 ℃

Limit: CISPR22 Class B Conduction(QP) Power: AC 110V/60Hz Humidity: 55 %

EUT:

M/N:

Mode: 11g

Note: PC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1597	32.63	9.73	42.36	65.47	-23.11	peak	
2	*	0.4788	30.41	9.78	40.19	56.36	-16.17	peak	
3		1.0400	24.52	9.80	34.32	56.00	-21.68	peak	
4		1.8675	23.46	9.82	33.28	56.00	-22.72	peak	
5		4.3788	25.51	10.01	35.52	56.00	-20.48	peak	
6		14.2000	33.07	10.20	43.27	60.00	-16.73	peak	

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

3. Radiated Emissions Requirements

3.1 Final radiation measurements were made on a three-meter:

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 meters height, top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to working & Measurements spectrum range from 30 MHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 120 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak. For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 1 MHz for peak measurements and 10 Hz for average measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

SCHWARZBECK MESS-ELEKTRONIK Biconilog Antenna (mode VULB9163) at 3 Meter and the SCHWARZBECK Double Ridged Guide Antenna (model BBHA9120D&9170) was used in frequencies 1 - 26.5 GHz at a distance of 3 or 1 meter. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20dB/decade).

For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post - detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).
The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

(1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

(2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)

The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:

(a) For fundamental frequency :

Transmitter Output < +30dBm

(b) For spurious frequency :

Spurious emission limits = fundamental emission limit /10

3.2 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	May. 28, 2007	May. 28, 2008
Pre Amplifier	Agilent	8449B	3008A02237	May. 28, 2007	May. 28, 2008
Pre Amplifier	Agilent	8447D	2944A10961	Jun. 09, 2007	Aug. 07, 2008
Test Receiver	R&S	ESCI	100367	May. 23, 2007	May. 23, 2008
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Jun. 26, 2007	Jun. 26, 2008
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2007	Jun. 26, 2008
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	Jun. 09, 2007	Aug. 07, 2008
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jun. 26, 2007	Jun. 26, 2008

3.3 Test Configuration:

AC Adapter Mode

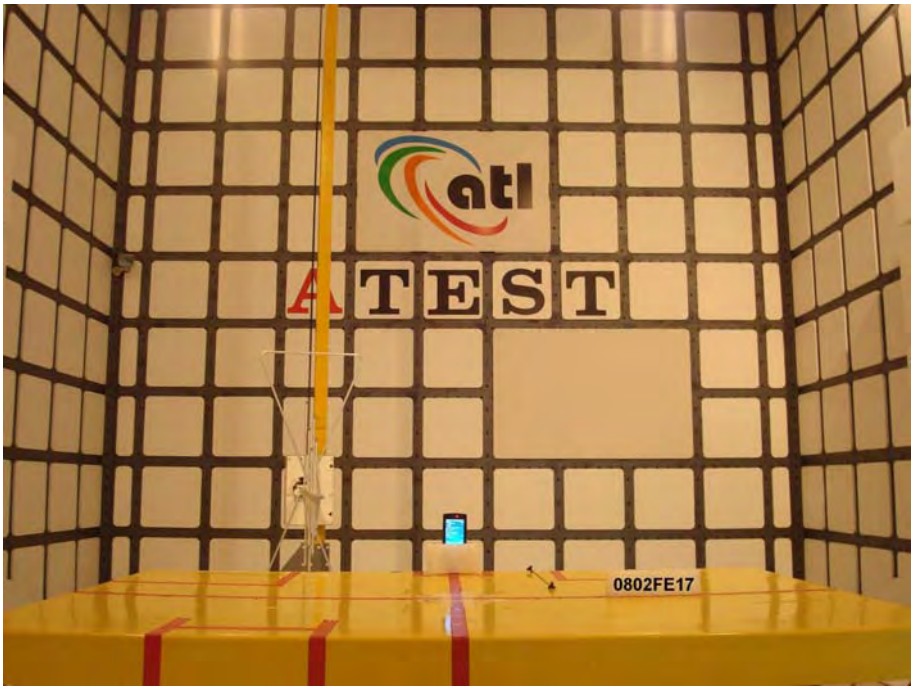


Figure 7. Front View of the Test Configuration

Figure 8. Rear View of the Test Configuration

PC USB Link Mode

Figure 9. Front View of the Test Configuration

Figure 10. Rear View of the Test Configuration

3.4 Test condition:

EUT tested in accordance with the specifications given by the manufacturer, and exercised in the most unfavorable manner.

3.5 Radiated Emissions Limits:

Frequency range (MHz)	Peak(dBuV)
30 to 88	40
88 to 216	43.5
216 to 960	46
Above 960	54

3.6 Measurement Data of Radiated Emissions:

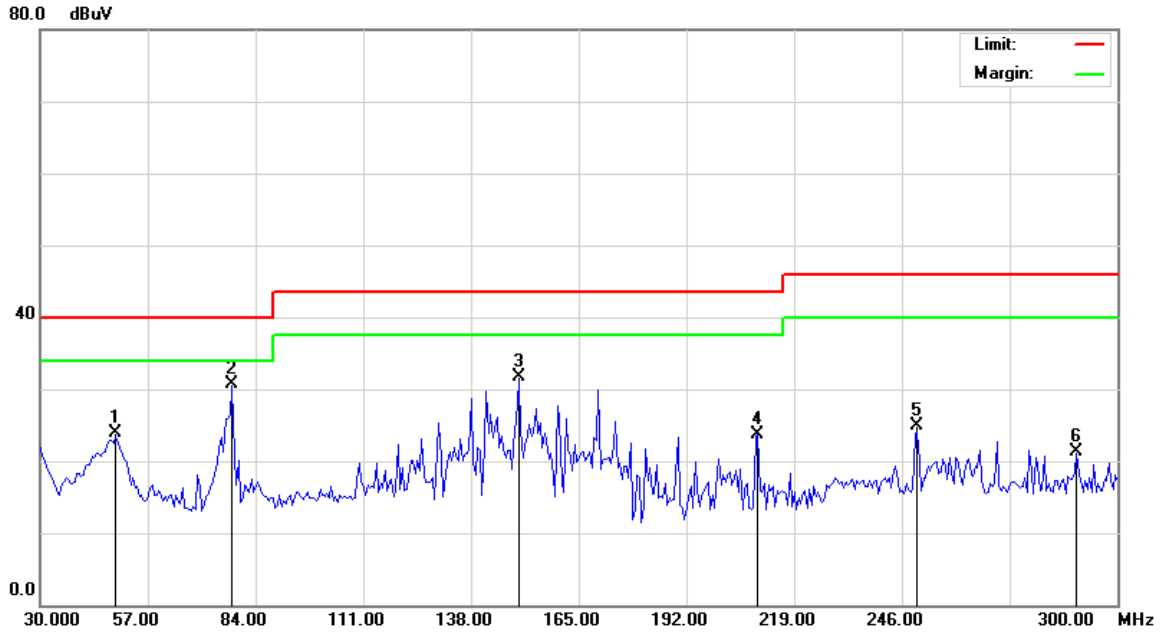
3.6.1 Open Field Radiated Emissions (Subpart B)

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 : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ IDEL Mode
Test Date : 04/22/2008
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)

File :Raymond 103(IDEL) Data :#1 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: AC mode

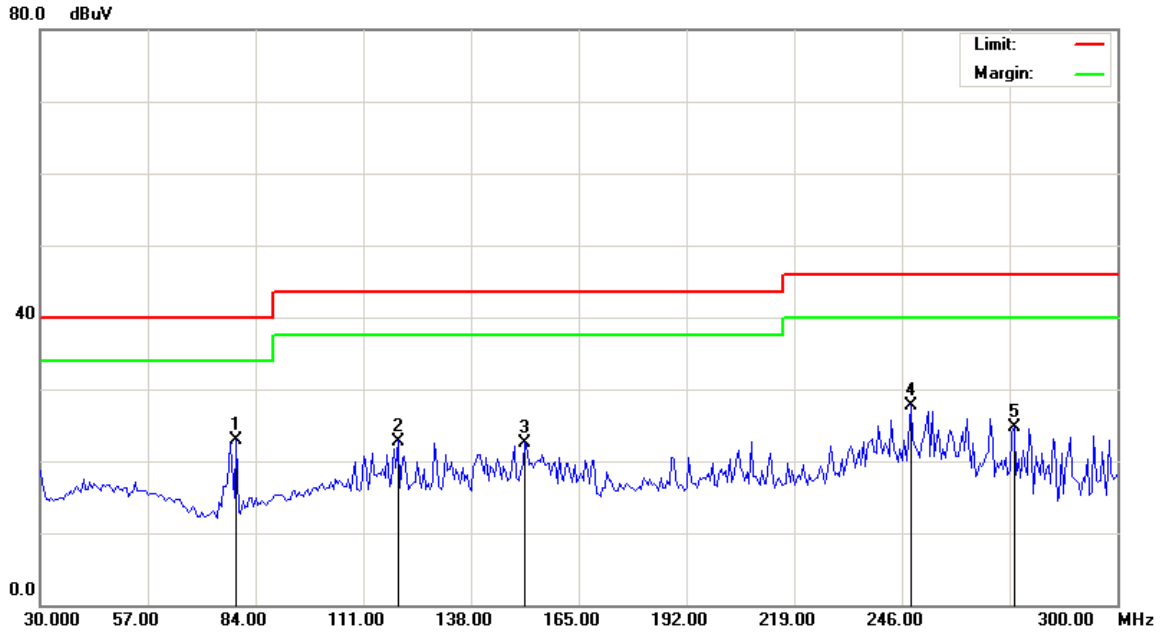
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		48.9000	35.92	-12.08	23.84	40.00	-16.16	peak			
2	*	78.0600	47.42	-16.79	30.63	40.00	-9.37	peak			
3		149.8800	47.74	-16.01	31.73	43.50	-11.77	peak			
4		209.8200	36.47	-12.78	23.69	43.50	-19.81	peak			
5		249.7800	35.65	-10.84	24.81	46.00	-21.19	peak			
6		289.7400	31.26	-10.03	21.23	46.00	-24.77	peak			

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

File :Raymond 103(IDEL) Data :#3 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: AC mode

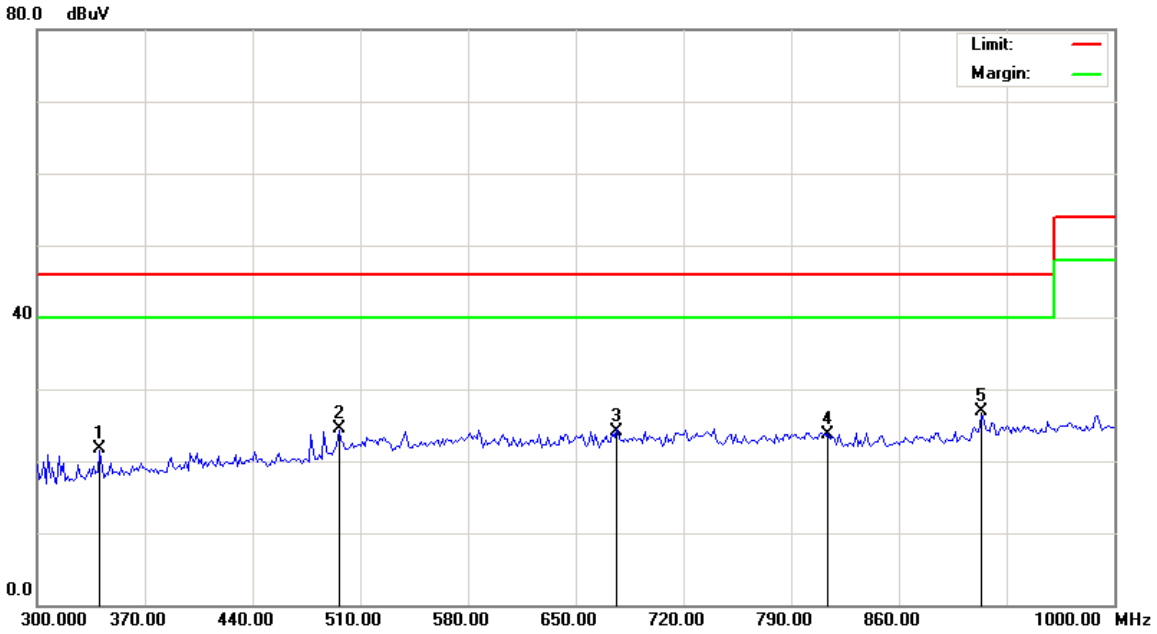
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	79.1400	39.47	-16.66	22.81	40.00	-17.19	peak			
2		119.6400	36.82	-14.14	22.68	43.50	-20.82	peak			
3		151.5000	38.51	-15.98	22.53	43.50	-20.97	peak			
4		248.1600	38.60	-10.99	27.61	46.00	-18.39	peak			
5		274.0799	35.54	-10.82	24.72	46.00	-21.28	peak			

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

File :Raymond 103(IDEL) Data :#2 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: AC mode

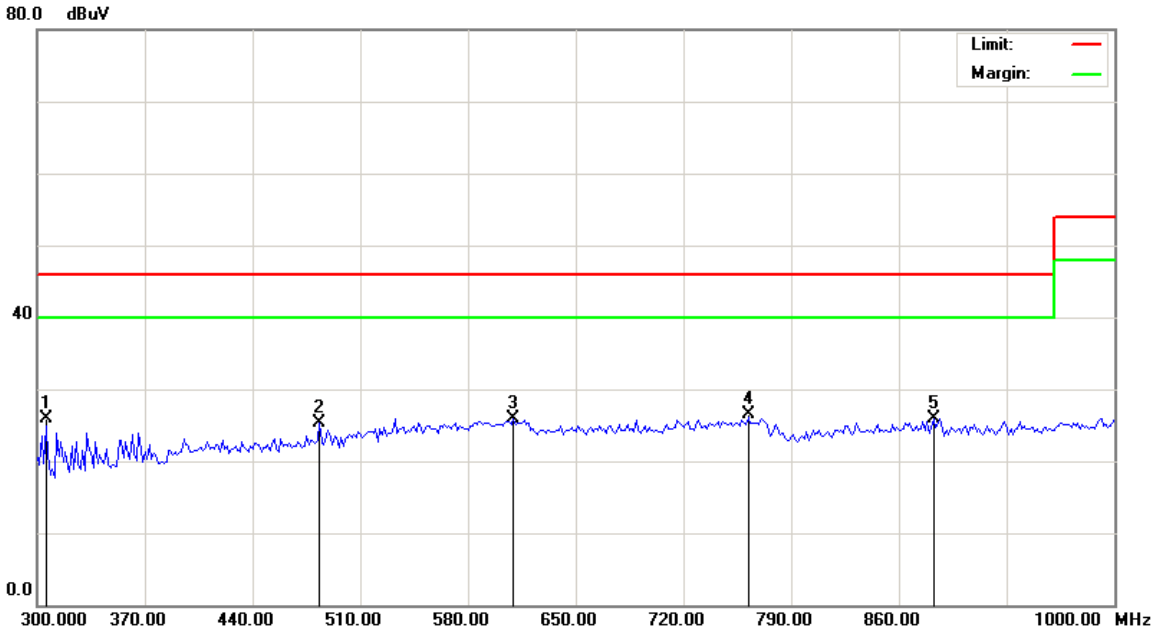
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		340.6000	30.61	-8.97	21.64	46.00	-24.36	peak			
2		496.0000	31.61	-7.08	24.53	46.00	-21.47	peak			
3		676.6000	28.32	-4.21	24.11	46.00	-21.89	peak			
4		813.8000	25.60	-1.97	23.63	46.00	-22.37	peak			
5	*	913.2000	27.01	-0.19	26.82	46.00	-19.18	peak			

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

File :Raymond 103(IDEL) Data :#4 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: AC mode

Polarization: *Horizontal*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		305.6000	36.01	-10.09	25.92	46.00	-20.08	peak			
2		483.4000	32.69	-7.48	25.21	46.00	-20.79	peak			
3		609.4000	30.45	-4.61	25.84	46.00	-20.16	peak			
4	*	762.0000	29.47	-2.90	26.57	46.00	-19.43	peak			
5		882.4000	26.38	-0.42	25.96	46.00	-20.04	peak			

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

3.6.2 Open Field Radiated Emissions (Subpart B)

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

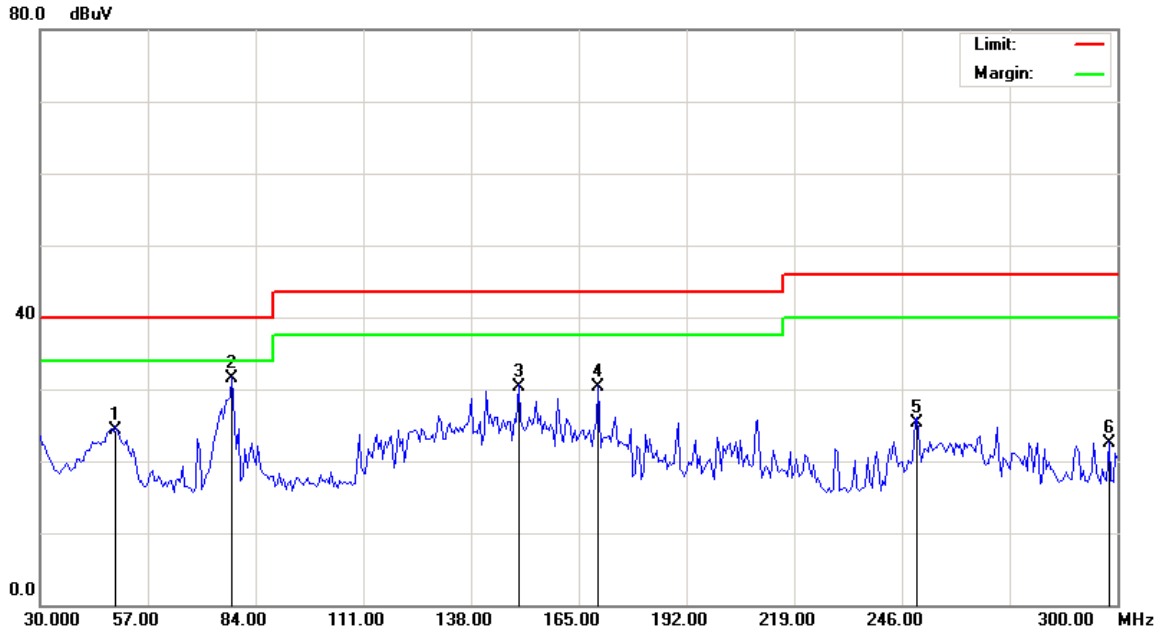
Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ WLAN 802.11b Link Mode
Test Date : 04/22/2008

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)

File :Raymond 103(11b) Data :#1 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11b
Note: AC mode

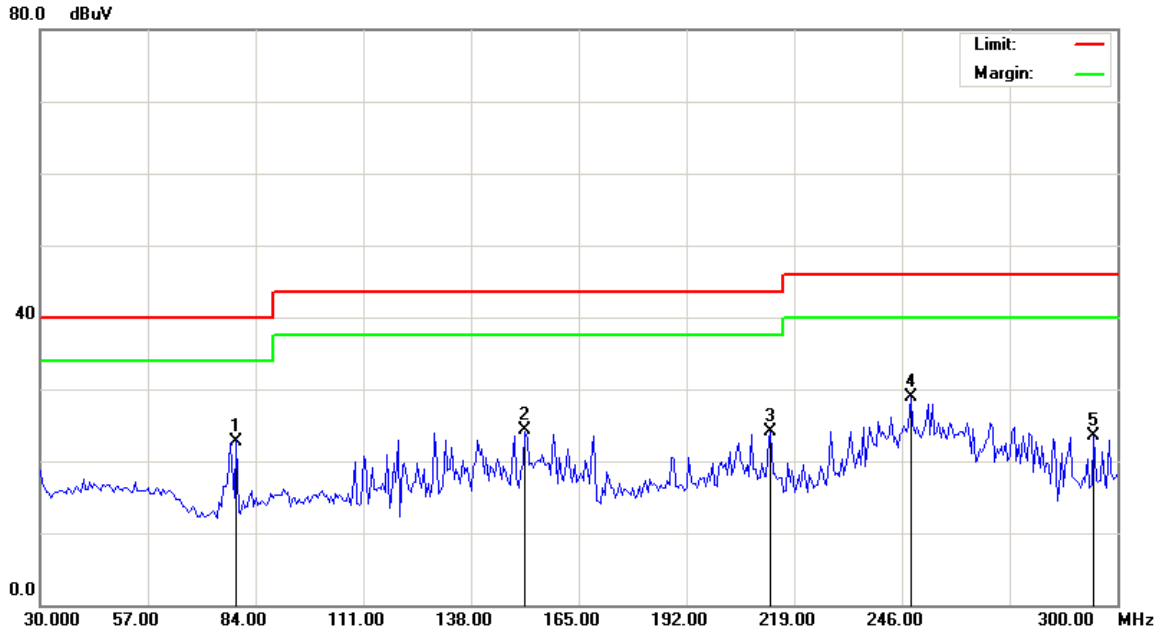
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		48.9000	36.37	-12.08	24.29	40.00	-15.71	peak			
2	*	78.0600	48.32	-16.79	31.53	40.00	-8.47	peak			
3		149.8800	46.40	-16.01	30.39	43.50	-13.11	peak			
4		169.8600	45.72	-15.41	30.31	43.50	-13.19	peak			
5		249.7800	36.12	-10.84	25.28	46.00	-20.72	peak			
6		297.8400	32.56	-10.07	22.49	46.00	-23.51	peak			

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

File :Raymond 103(11b) Data :#3 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11b
Note: AC mode

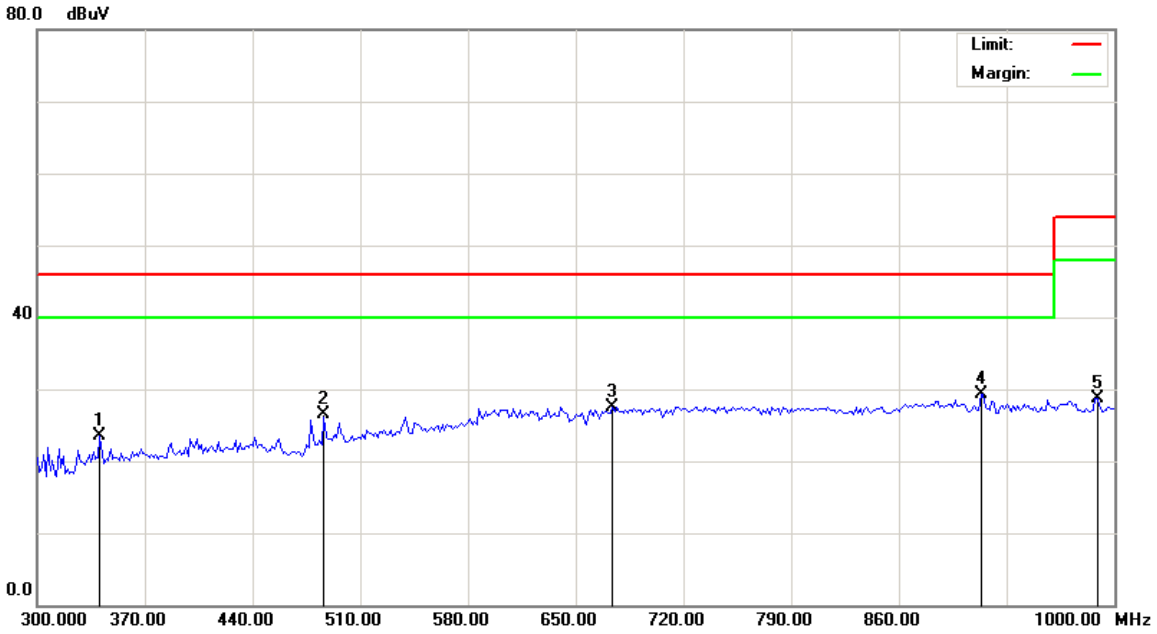
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		79.1400	39.39	-16.66	22.73	40.00	-17.27	peak			
2		151.5000	40.27	-15.98	24.29	43.50	-19.21	peak			
3		213.0600	36.88	-12.74	24.14	43.50	-19.36	peak			
4	*	248.1600	39.85	-10.99	28.86	46.00	-17.14	peak			
5		294.0600	33.68	-10.17	23.51	46.00	-22.49	peak			

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

File :Raymond 103(11b) Data :#2 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11b
Note: AC mode

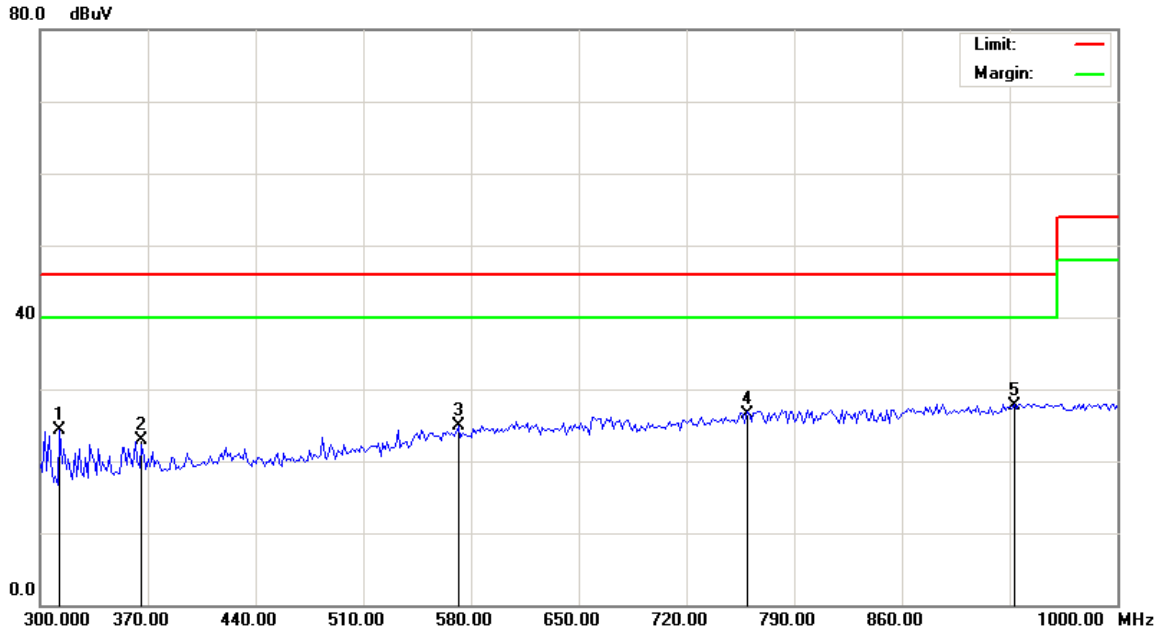
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		340.6000	32.38	-8.97	23.41	46.00	-22.59	peak			
2		486.2000	33.98	-7.42	26.56	46.00	-19.44	peak			
3		673.8000	31.69	-4.28	27.41	46.00	-18.59	peak			
4	*	913.2000	29.49	-0.19	29.30	46.00	-16.70	peak			
5		988.8000	27.87	0.84	28.71	54.00	-25.29	peak			

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

File :Raymond 103(11b) Data :#4 Date: 2008/4/22 Time:



Site site#1 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

Mode: 11b

Note: AC mode

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		312.6000	34.06	-9.79	24.27	46.00	-21.73	peak			
2		365.8000	31.56	-8.63	22.93	46.00	-23.07	peak			
3		571.6000	30.27	-5.46	24.81	46.00	-21.19	peak			
4		759.2000	29.45	-2.97	26.48	46.00	-19.52	peak			
5	*	932.8000	27.91	-0.17	27.74	46.00	-18.26	peak			

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

3.6.3 Open Field Radiated Emissions (Subpart B)

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

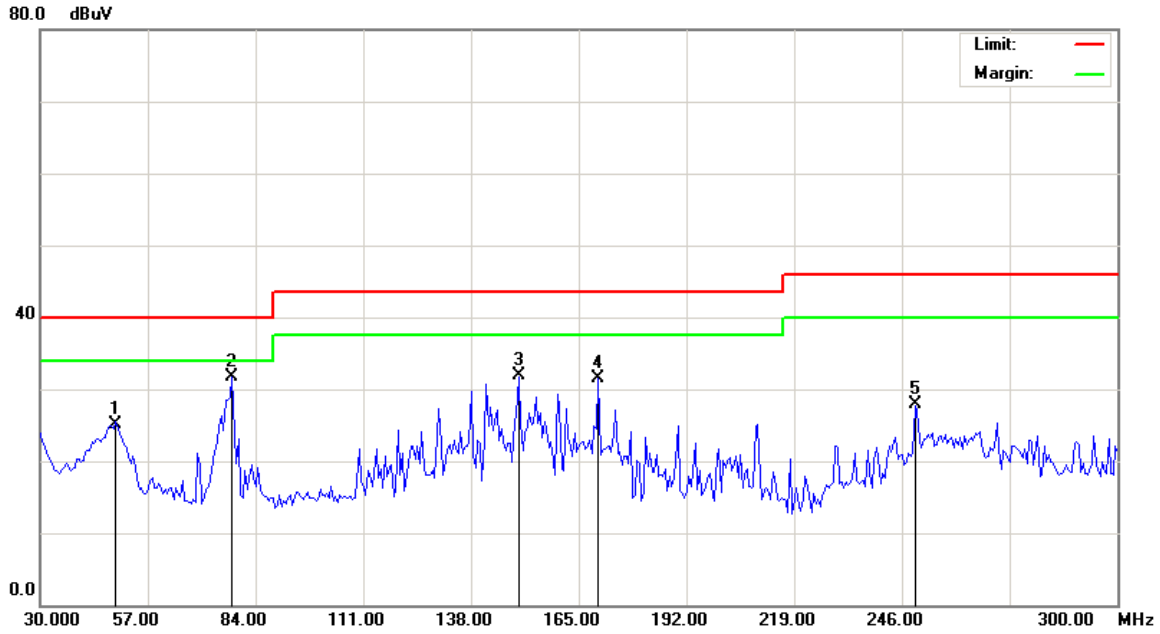
Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : AC Adapter _ WLAN 802.11g Link Mode
Test Date : 04/22/2008

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)

File :Raymond 103(11g) Data :#1 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11g
Note: AC mode

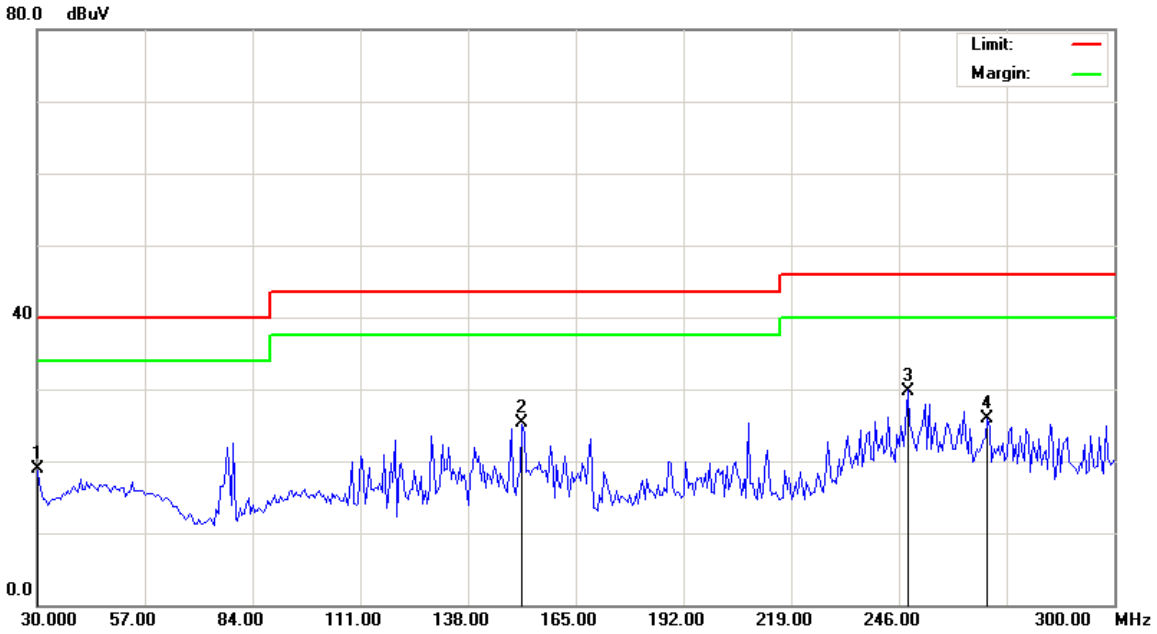
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		48.9000	37.21	-12.08	25.13	40.00	-14.87	peak			
2	*	78.0600	48.50	-16.79	31.71	40.00	-8.29	peak			
3		149.8800	47.84	-16.01	31.83	43.50	-11.67	peak			
4		169.8600	46.88	-15.41	31.47	43.50	-12.03	peak			
5		249.2400	38.72	-10.89	27.83	46.00	-18.17	peak			

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

File :Raymond 103(11g) Data :#3 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11g
Note: AC mode

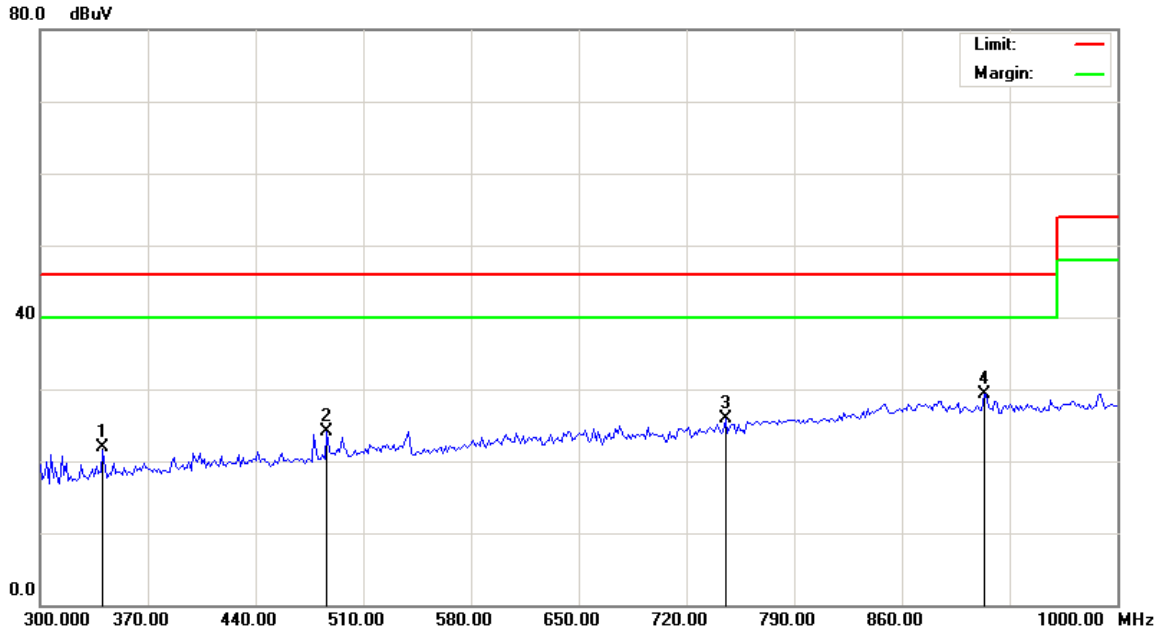
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		30.0000	32.41	-13.49	18.92	40.00	-21.08	peak			
2		151.5000	41.34	-15.98	25.36	43.50	-18.14	peak			
3	*	248.1600	40.74	-10.99	29.75	46.00	-16.25	peak			
4		268.1400	36.78	-10.97	25.81	46.00	-20.19	peak			

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

File :Raymond 103(11g) Data :#2 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11g
Note: AC mode

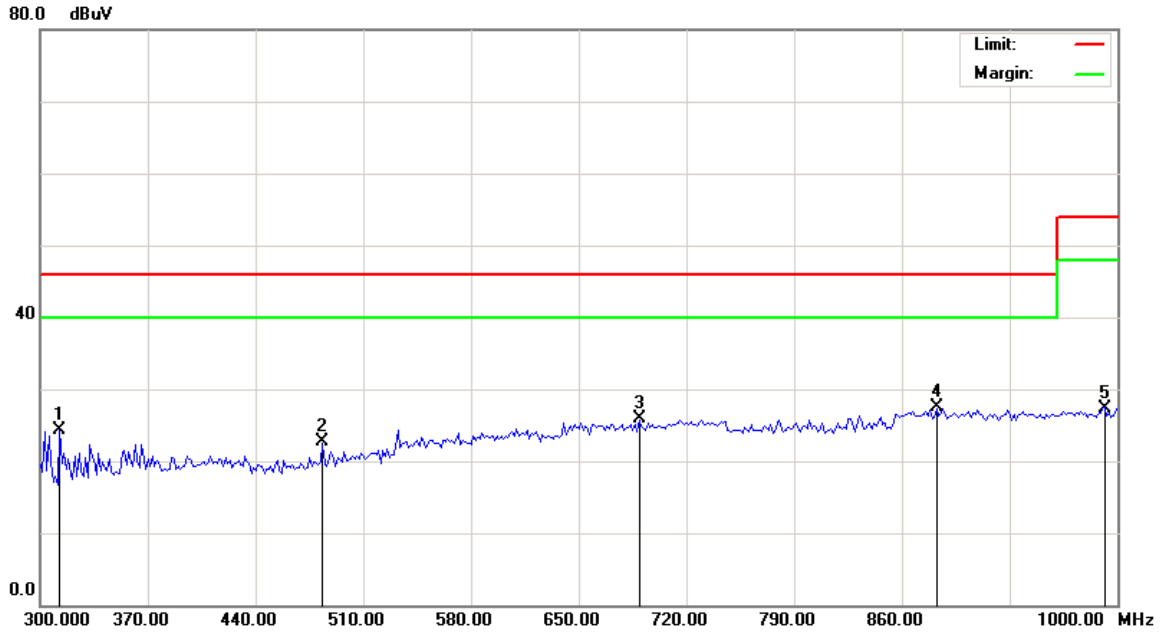
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		340.6000	30.79	-8.97	21.82	46.00	-24.18	peak			
2		486.2000	31.55	-7.42	24.13	46.00	-21.87	peak			
3		745.2000	29.00	-3.11	25.89	46.00	-20.11	peak			
4	*	913.2000	29.55	-0.19	29.36	46.00	-16.64	peak			

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

File :Raymond 103(11g) Data :#4 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11g
Note: AC mode

Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		312.6000	34.11	-9.79	24.32	46.00	-21.68	peak			
2		483.4000	30.11	-7.48	22.63	46.00	-23.37	peak			
3		689.2000	30.16	-4.25	25.91	46.00	-20.09	peak			
4	*	882.4000	27.95	-0.42	27.53	46.00	-18.47	peak			
5		991.6000	26.49	0.89	27.38	54.00	-26.62	peak			

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

3.6.4 Open Field Radiated Emissions (Subpart B)

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

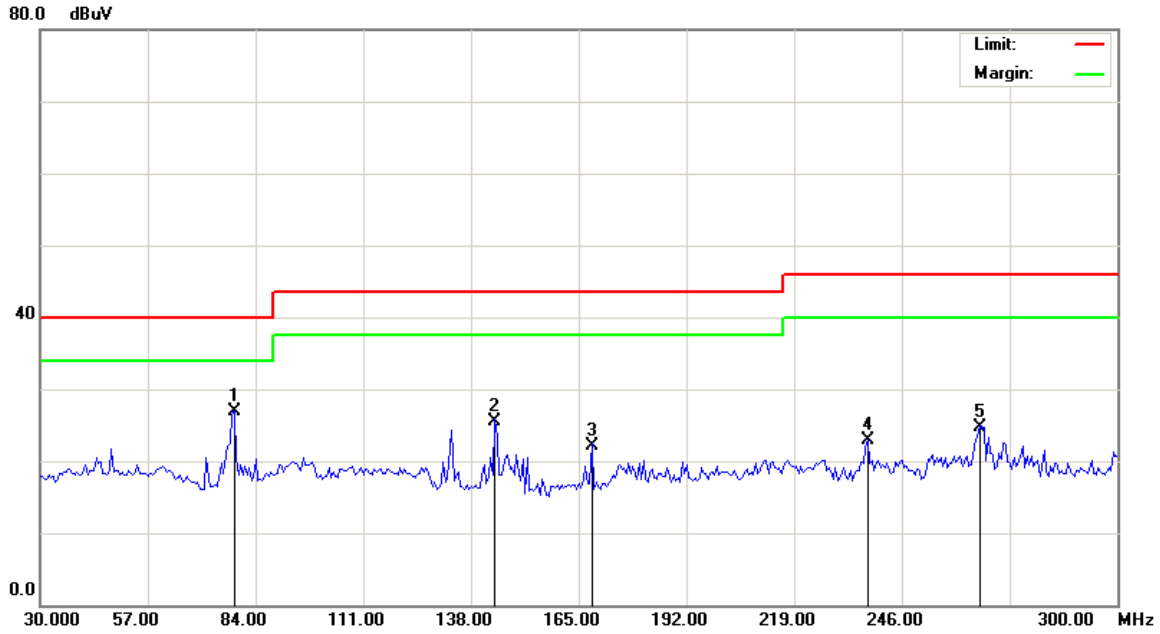
Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link_ IDEL Mode
Test Date : 04/22/2008

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)

File :Raymond 103(IDEL) Data :#1 Date: 2008/4/22 Time:



Site site#1 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

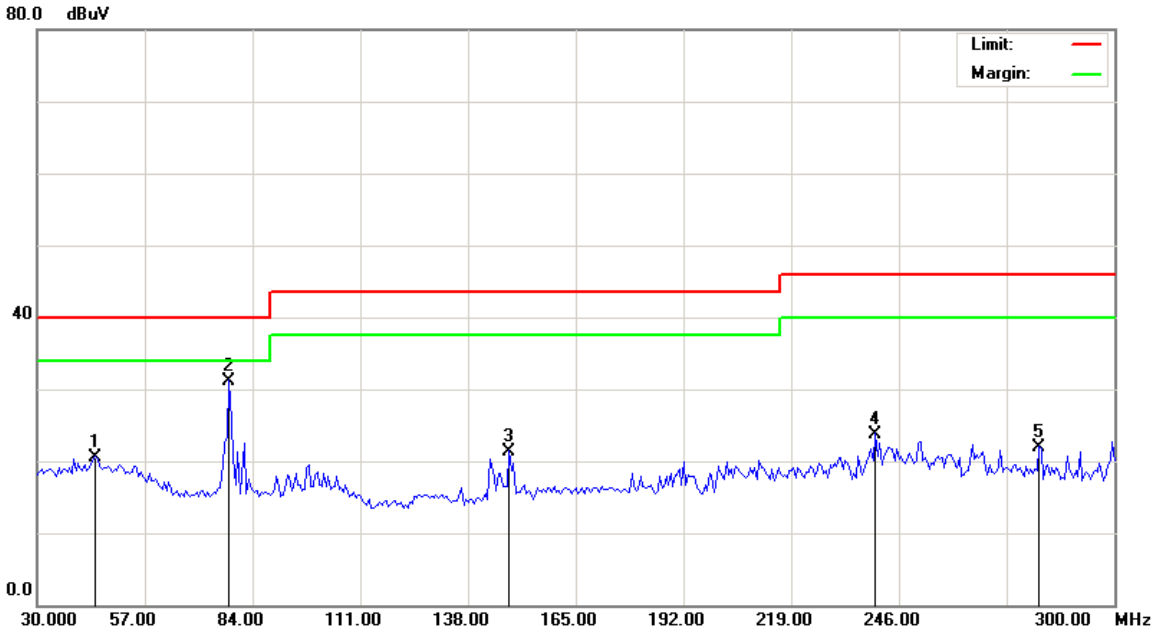
Mode: IDEL

Note: PC mode NB-01，後上方USB孔

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1	*	78.6000	43.63	-16.72	26.91	40.00	-13.09	peak			
2		143.9400	41.78	-16.22	25.56	43.50	-17.94	peak			
3		168.2400	37.50	-15.37	22.13	43.50	-21.37	peak			
4		237.3600	34.43	-11.59	22.84	46.00	-23.16	peak			
5		265.4400	35.74	-11.02	24.72	46.00	-21.28	peak			

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

File :Raymond 103(IDEL) Data :#3 Date: 2008/4/22 Time:



Site site#1 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

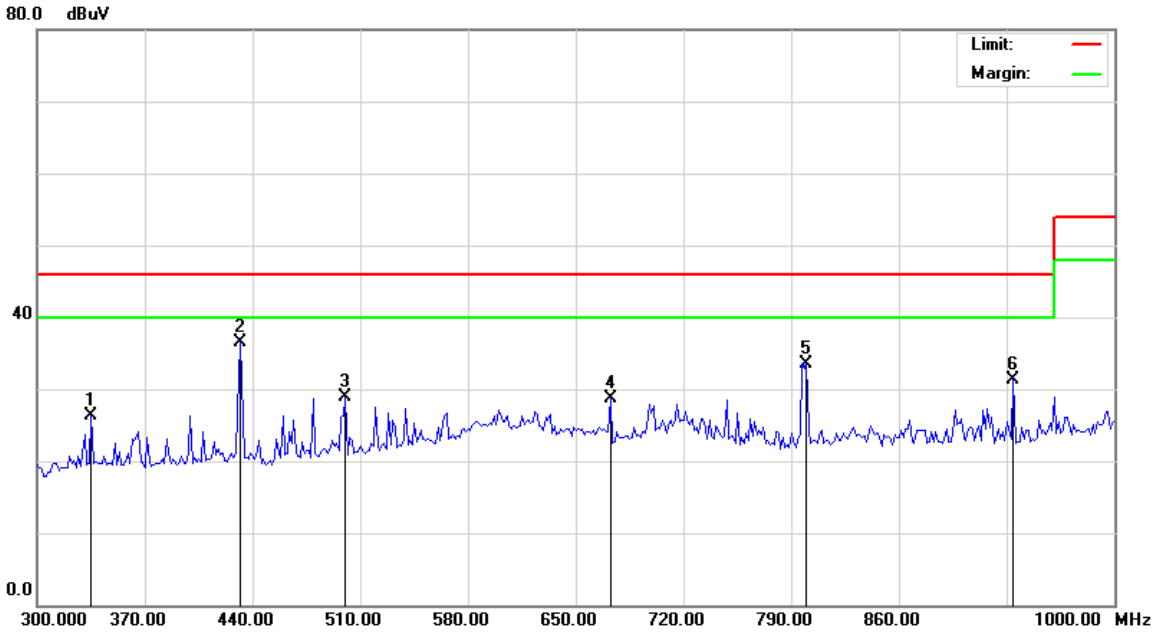
Mode: IDEL

Note: PC mode NB-01，後上方USB孔

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		44.5800	32.27	-11.84	20.43	40.00	-19.57	peak			
2	*	78.0600	47.81	-16.79	31.02	40.00	-8.98	peak			
3		148.2600	37.43	-16.07	21.36	43.50	-22.14	peak			
4		240.0600	35.18	-11.43	23.75	46.00	-22.25	peak			
5		281.1000	32.33	-10.39	21.94	46.00	-24.06	peak			

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

File :Raymond 103(IDEL) Data :#2 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: PC mode NB-01，後上方USB孔

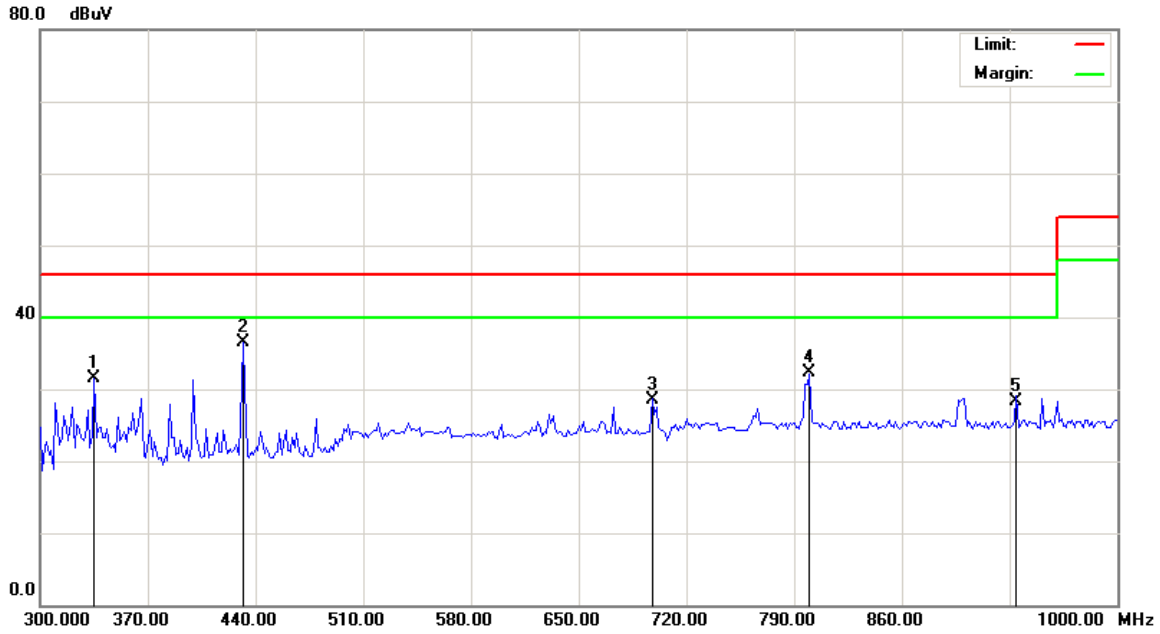
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	35.63	-9.27	26.36	46.00	-19.64	peak			
2	*	431.6000	44.56	-8.03	36.53	46.00	-9.47	peak			
3		500.2000	35.99	-7.17	28.82	46.00	-17.18	peak			
4		672.4000	32.89	-4.28	28.61	46.00	-17.39	peak			
5		799.8000	35.90	-2.32	33.58	46.00	-12.42	peak			
6		934.2000	31.38	-0.06	31.32	46.00	-14.68	peak			

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

File :Raymond 103(IDEL) Data :#4 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: IDEL
Note: PC mode NB-01，後上方USB孔

Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	40.73	-9.27	31.46	46.00	-14.54	peak			
2	*	431.6000	44.54	-8.03	36.51	46.00	-9.49	peak			
3		697.6000	32.32	-3.86	28.46	46.00	-17.54	peak			
4		799.8000	34.59	-2.32	32.27	46.00	-13.73	peak			
5		934.2000	28.42	-0.06	28.36	46.00	-17.64	peak			

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

3.6.5 Open Field Radiated Emissions (Subpart B)

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

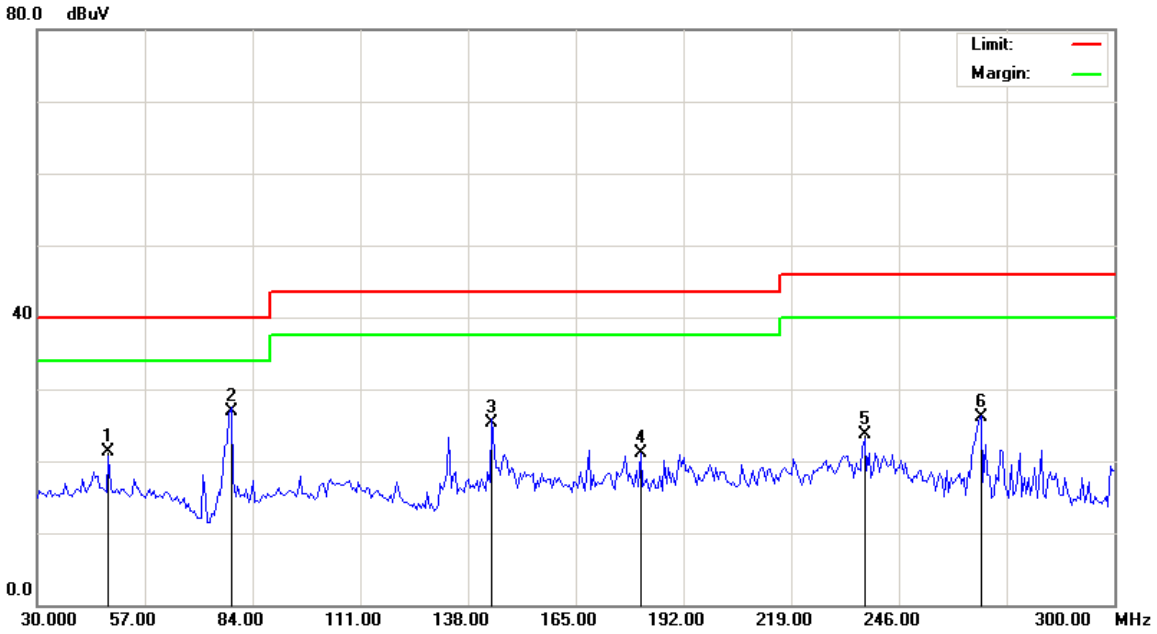
Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link_ WLAN 802.11b Link Mode
Test Date : 04/22/2008

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)

File :Raymond 103(11b) Data :#1 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N: Raymond 103
Mode: 11b
Note: PC mode NB-01，後上方USB孔

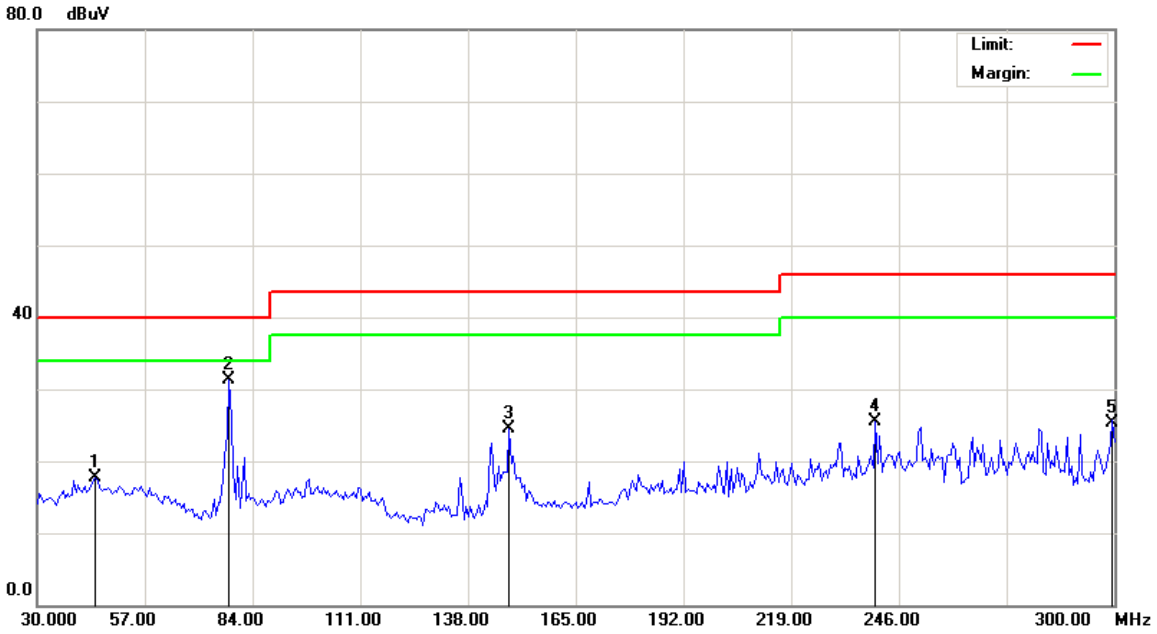
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		47.8200	33.29	-12.02	21.27	40.00	-18.73	peak			
2	*	78.6000	43.65	-16.72	26.93	40.00	-13.07	peak			
3		143.9400	41.43	-16.22	25.21	43.50	-18.29	peak			
4		181.2000	35.38	-14.19	21.19	43.50	-22.31	peak			
5		237.3600	35.22	-11.59	23.63	46.00	-22.37	peak			
6		266.5200	37.02	-11.00	26.02	46.00	-19.98	peak			

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

File :Raymond 103(11b) Data :#3 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N: Raymond 103
Mode: 11b
Note: PC mode NB-01，後上方USB孔

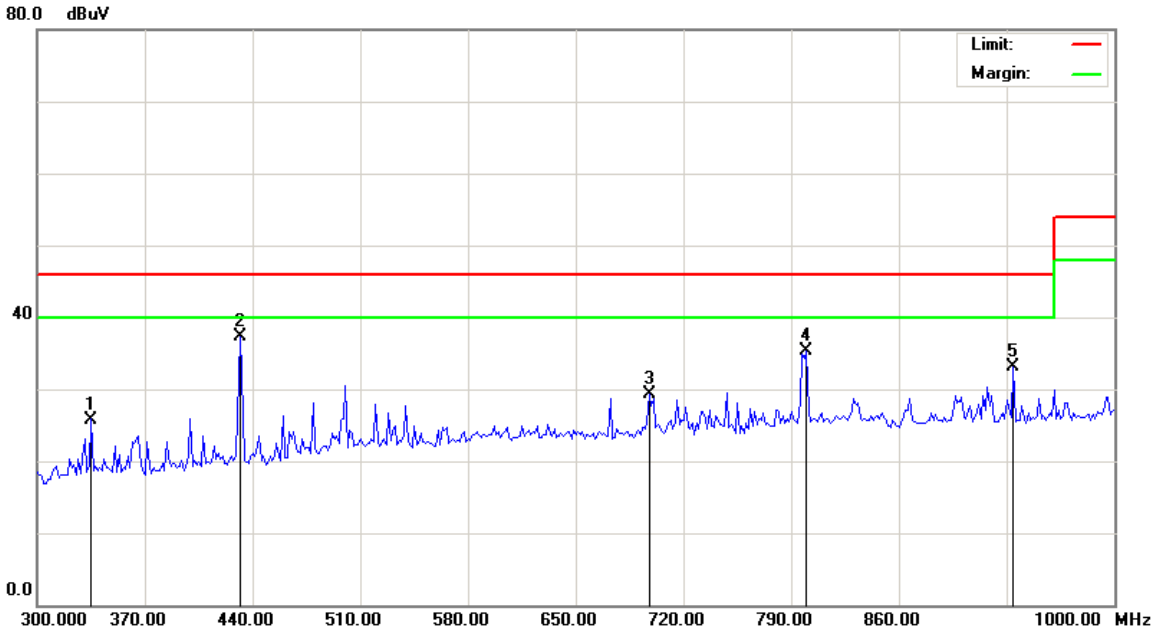
Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		44.5800	29.45	-11.84	17.61	40.00	-22.39	peak			
2	*	78.0600	48.05	-16.79	31.26	40.00	-8.74	peak			
3		148.2600	40.48	-16.07	24.41	43.50	-19.09	peak			
4		240.0600	36.99	-11.43	25.56	46.00	-20.44	peak			
5		299.4600	35.28	-10.00	25.28	46.00	-20.72	peak			

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

File :Raymond 103(11b) Data :#2 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N: Raymond 103
Mode: 11b
Note: PC mode NB-01，後上方USB孔

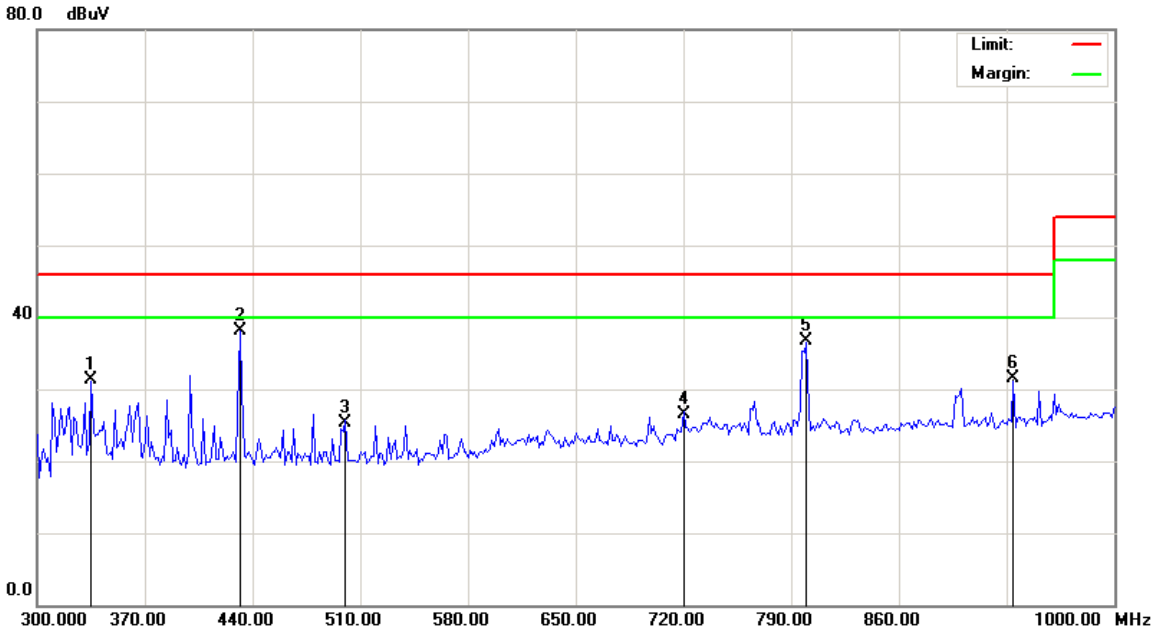
Polarization: ***Vertical***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	34.96	-9.27	25.69	46.00	-20.31	peak			
2	*	431.6000	45.37	-8.03	37.34	46.00	-8.66	peak			
3		697.6000	33.14	-3.86	29.28	46.00	-16.72	peak			
4		799.8000	37.63	-2.32	35.31	46.00	-10.69	peak			
5		934.2000	33.25	-0.06	33.19	46.00	-12.81	peak			

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

File :Raymond 103(11b) Data :#4 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N: Raymond 103
Mode: 11b
Note: PC mode NB-01，後上方USB孔

Polarization: ***Horizontal***
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	40.53	-9.27	31.26	46.00	-14.74	peak			
2	*	431.6000	46.16	-8.03	38.13	46.00	-7.87	peak			
3		500.2000	32.44	-7.17	25.27	46.00	-20.73	peak			
4		720.0000	30.07	-3.55	26.52	46.00	-19.48	peak			
5		799.8000	38.95	-2.32	36.63	46.00	-9.37	peak			
6		934.2000	31.51	-0.06	31.45	46.00	-14.55	peak			

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

3.6.6 Open Field Radiated Emissions (Subpart B)

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

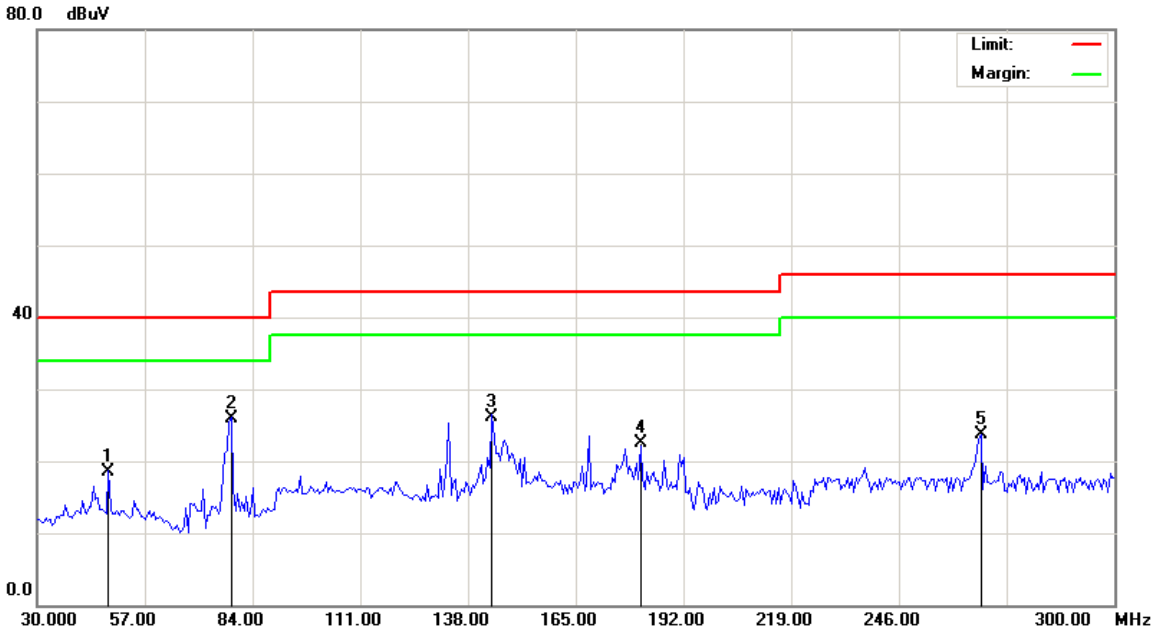
Applicant : Inventec Corporation
Model No : Velocity 103
EUT : PDA PHONE
Test Mode : PC USB Link _ WLAN 802.11g Link Mode
Test Date : 04/22/2008

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)

File :Raymond 103(11g) Data :#1 Date: 2008/4/22 Time:



Site site#1
Limit: FCC Class B 3M Radiation
EUT:
M/N:
Mode: 11g
Note: PC mode NB-01，後上方USB孔

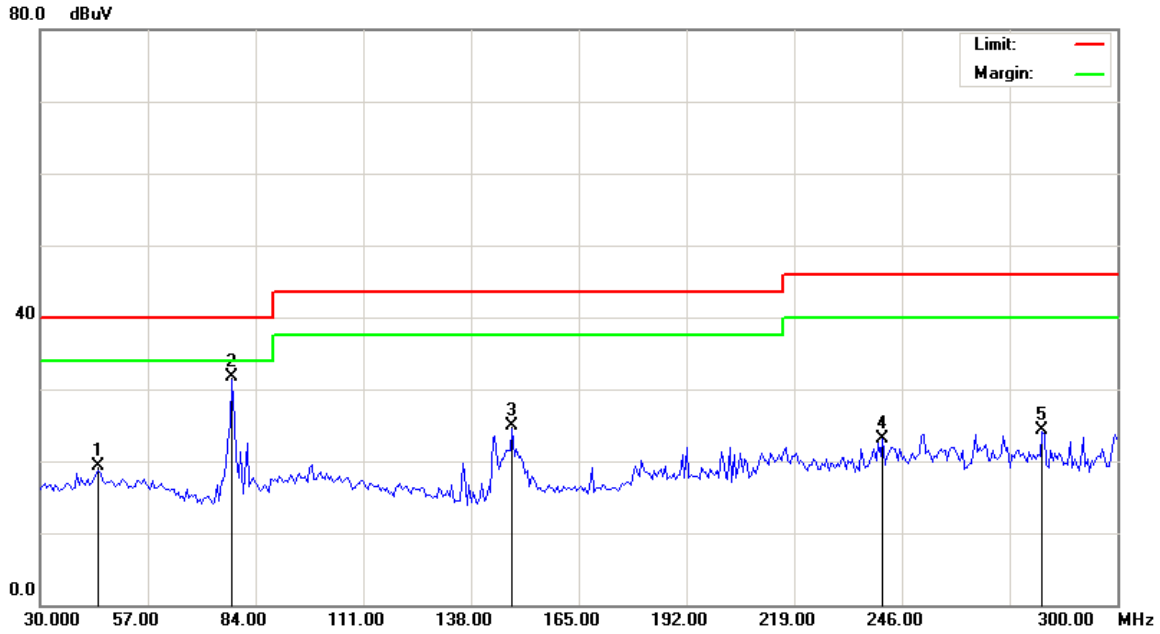
Polarization: *Vertical*
Power:
Distance: 3m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		47.8200	30.48	-12.02	18.46	40.00	-21.54	peak			
2	*	78.6000	42.65	-16.72	25.93	40.00	-14.07	peak			
3		143.9400	42.35	-16.22	26.13	43.50	-17.37	peak			
4		181.2000	36.77	-14.19	22.58	43.50	-20.92	peak			
5		266.5200	34.63	-11.00	23.63	46.00	-22.37	peak			

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

File :Raymond 103(11g) Data :#3 Date: 2008/4/22 Time:



Site site#1 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

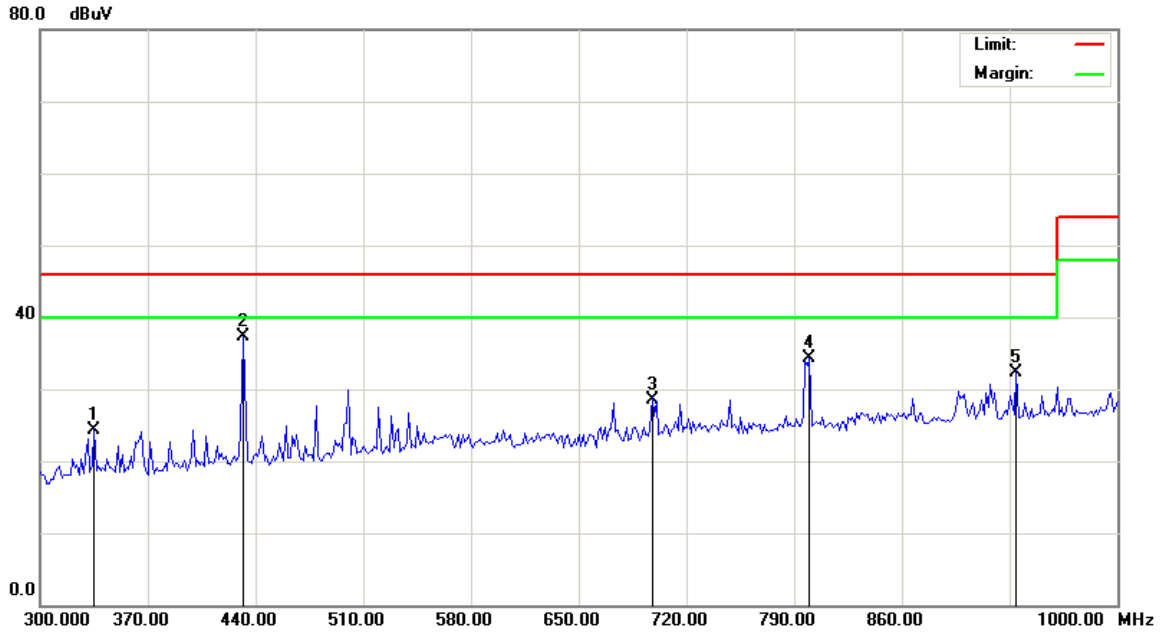
Mode: 11g

Note: PC mode NB-01，後上方USB孔

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		44.5800	31.11	-11.84	19.27	40.00	-20.73	peak			
2	*	78.0600	48.50	-16.79	31.71	40.00	-8.29	peak			
3		148.2600	40.89	-16.07	24.82	43.50	-18.68	peak			
4		241.1400	34.55	-11.39	23.16	46.00	-22.84	peak			
5		281.1000	34.67	-10.39	24.28	46.00	-21.72	peak			

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

File :Raymond 103(11g) Data :#2 Date: 2008/4/22 Time:



Site site#1 Polarization: ***Vertical*** Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

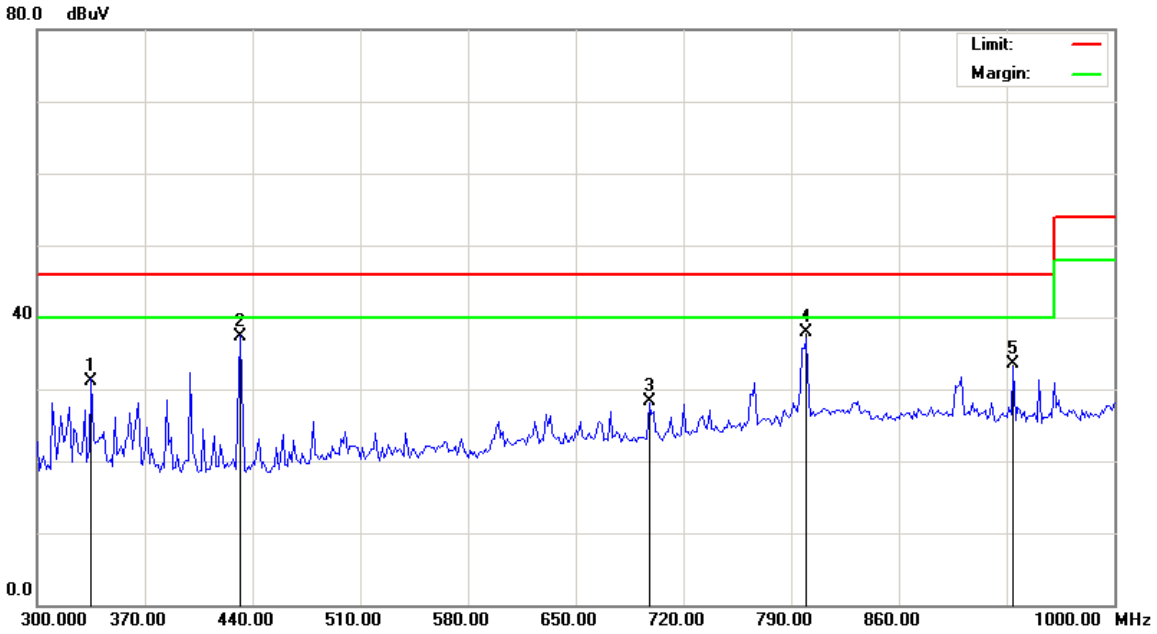
Mode: 11g

Note: PC mode NB-01，後上方USB孔

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	33.65	-9.27	24.38	46.00	-21.62	peak			
2	*	431.6000	45.24	-8.03	37.21	46.00	-8.79	peak			
3		697.6000	32.44	-3.86	28.58	46.00	-17.42	peak			
4		799.8000	36.68	-2.32	34.36	46.00	-11.64	peak			
5		934.2000	32.33	-0.06	32.27	46.00	-13.73	peak			

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

File :Raymond 103(11g) Data :#4 Date: 2008/4/22 Time:



Site site#1 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC Class B 3M Radiation Power: Humidity: 60 %

EUT: Distance: 3m

M/N:

Mode: 11g

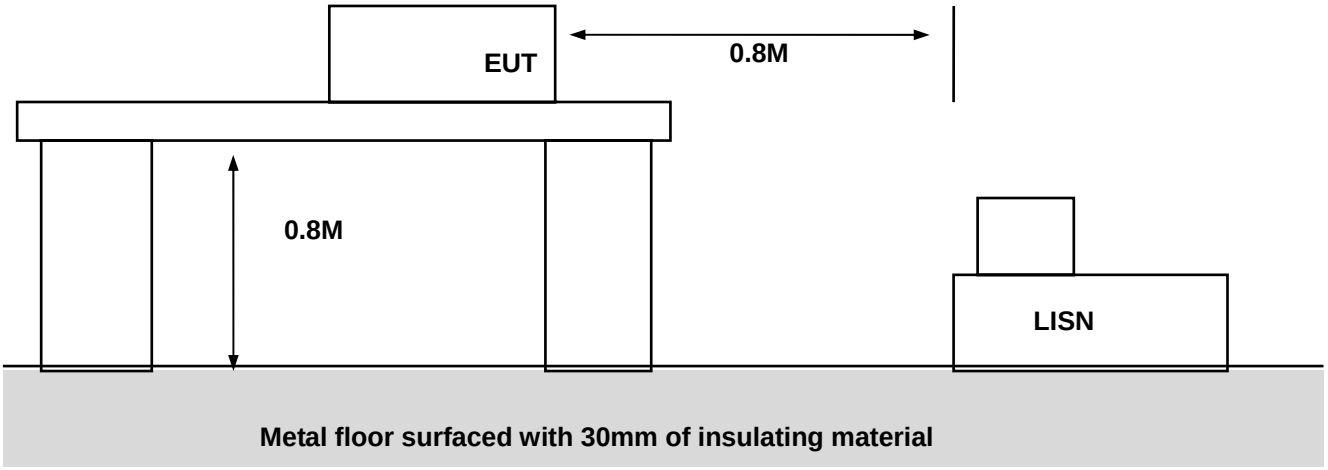
Note: PC mode NB-01，後上方USB孔

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree	Comment
1		335.0000	40.39	-9.27	31.12	46.00	-14.88	peak			
2		431.6000	45.28	-8.03	37.25	46.00	-8.75	peak			
3		697.6000	32.22	-3.86	28.36	46.00	-17.64	peak			
4	*	799.8000	40.16	-2.32	37.84	46.00	-8.16	peak			
5		934.2000	33.59	-0.06	33.53	46.00	-12.47	peak			

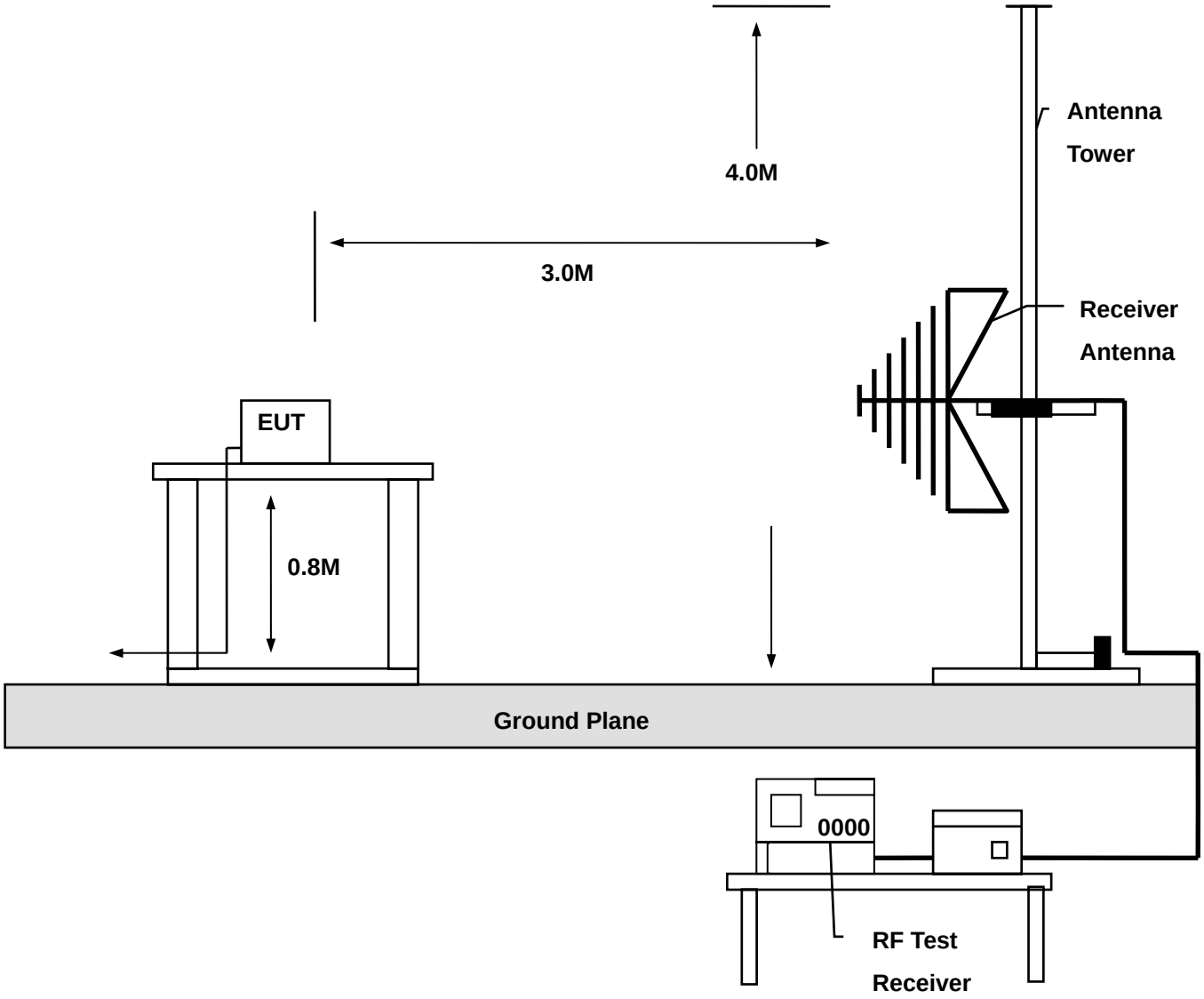
*:Maximum data x:Over limit !:over margin ●Reference Only

Appendix A - EUT Test SETUP

MEASUREMENT OF POWER LINE CONDUCTED RFI VOLTAGE



MEASUREMENT OF RADIATED EMISSION



Appendix B - Block Diagram

See Next Page

Appendix C - EUT Photographs

EUT Photo _ 1 of 15

EUT Photo _ 2 of 15

EUT Photo _ 3 of 15

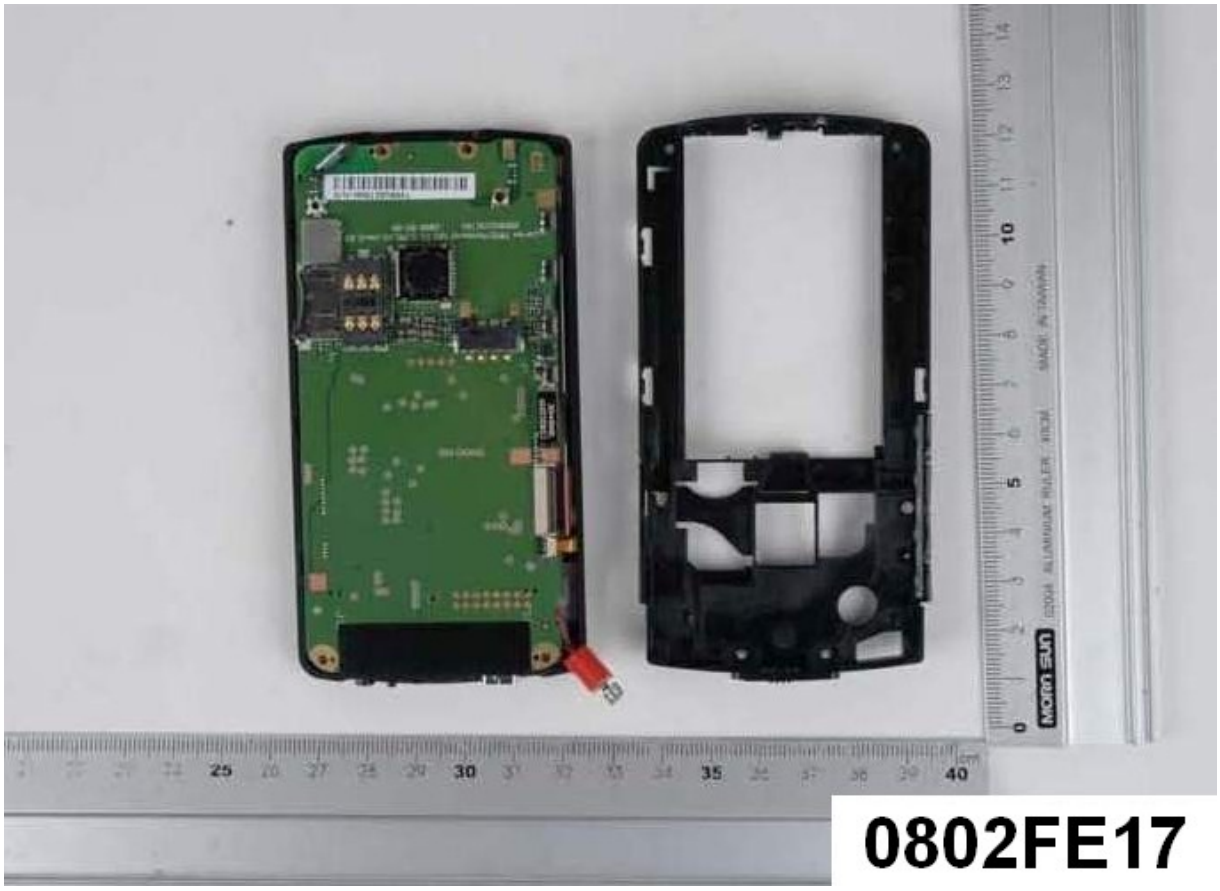
0802FE17

EUT Photo _ 4 of 15

EUT Photo _ 5 of 15

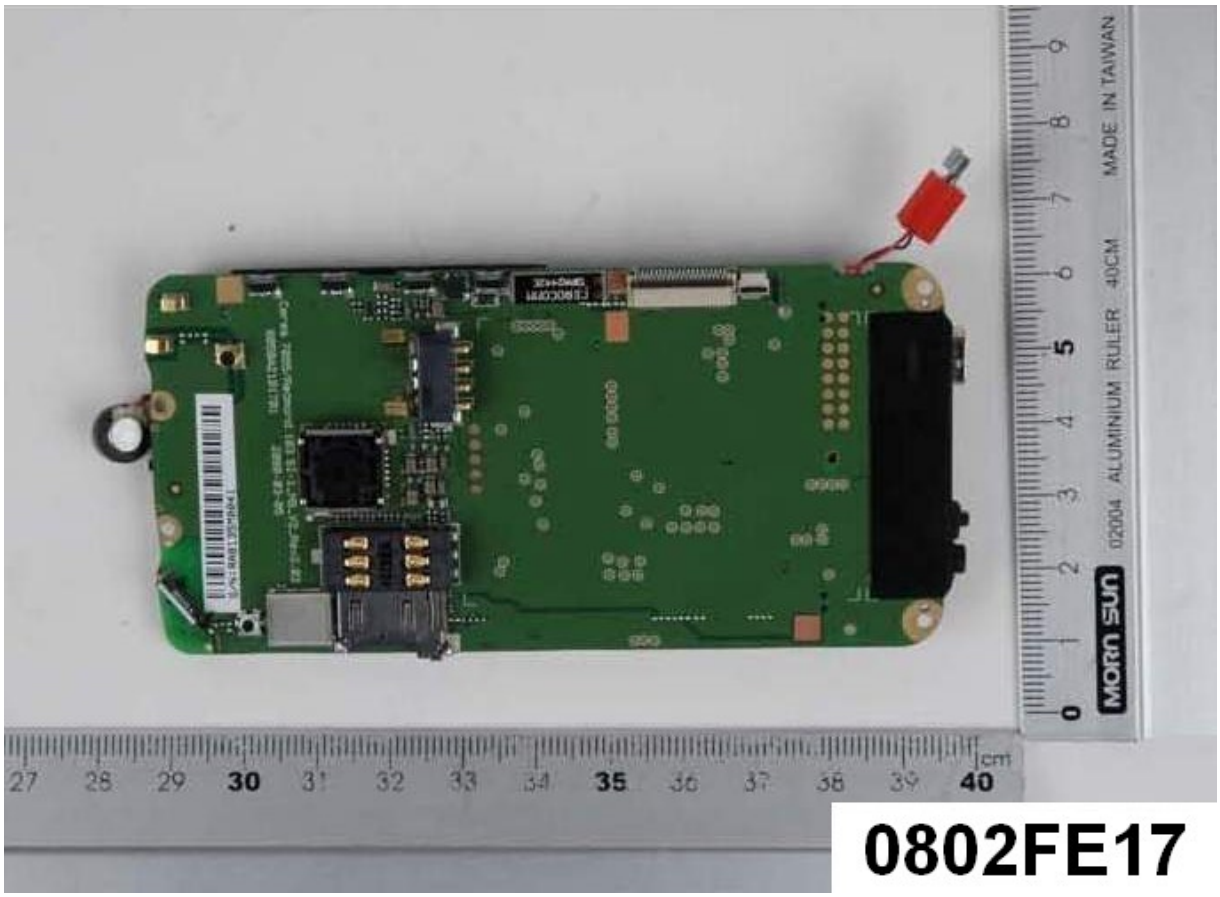
EUT Photo _ 6 of 15

EUT Photo _ 7 of 15



EUT Photo _ 8 of 15

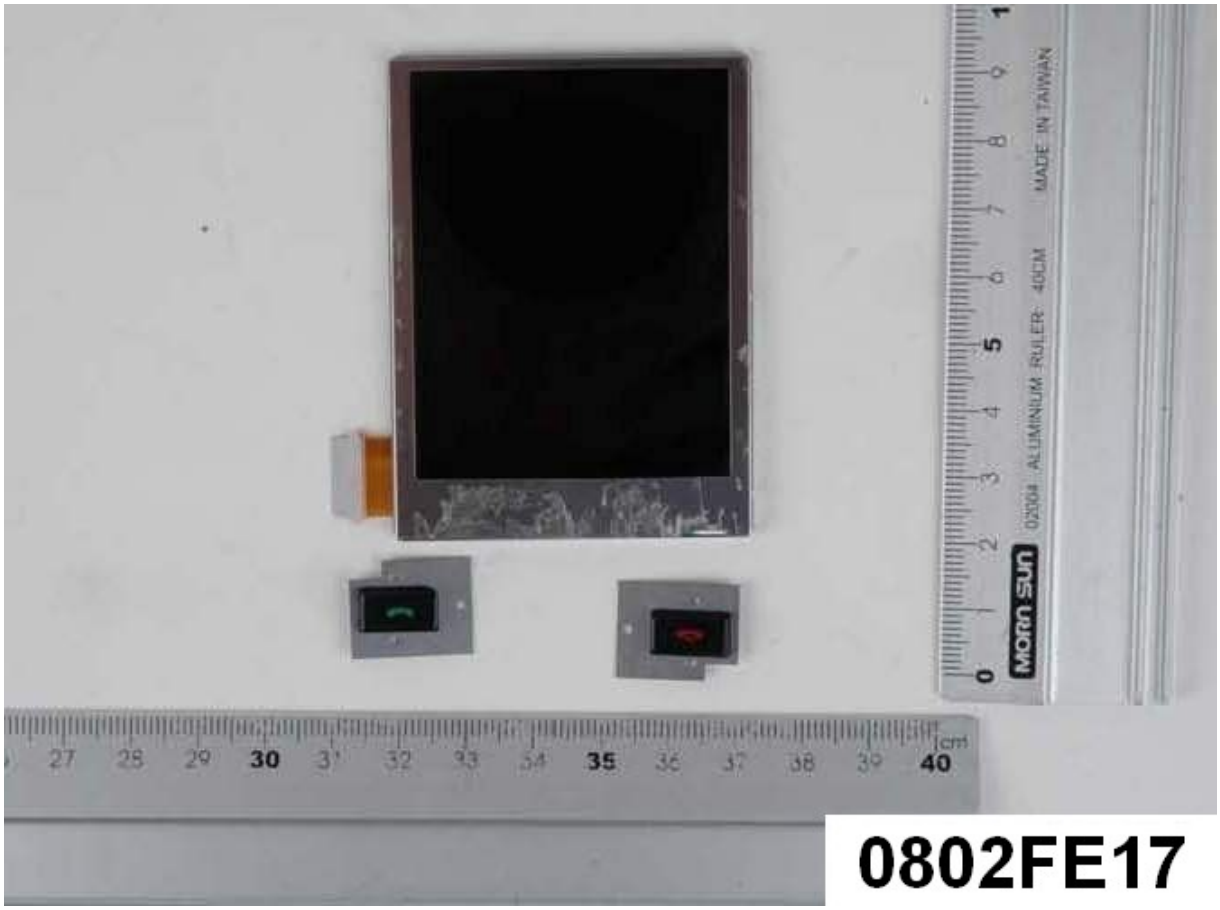
EUT Photo _ 9 of 15



EUT Photo _ 10 of 15

EUT Photo _ 11 of 15

EUT Photo _ 12 of 15



EUT Photo _ 13 of 15

EUT Photo _ 14 of 15

EUT Photo _ 15 of 15