



A Test Lab Techno Corp.

No.140-1, Chang-an St., Bade City, Tao-Yuan County 334, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190

Measurement Report



Report No. :	0703FR11
	Class 2 Change
Applicant :	Inventec Corporation
Manufacturer Name :	Inventec Corporation
Product Model :	Mercury 619
Product Type :	PDA PHONE
FCC ID :	DGIBC0153AAA000
Dates of Test :	Mar. 05-08,2007
Test Specification :	Part 15 Subpart B & C (15.247)
Location of Test Lab. :	Changan

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.

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Measurement Center Manager

John Cheng 20070319
Testing Engineer




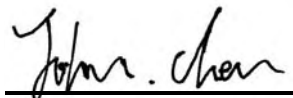
CERTIFICATION

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 C63.4:2001. 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 & C (15.247).

EUT : PDA PHONE
Applicant : Inventec Corporation
NO.,66 Hou-Kang Street Shih-Lin District,
Taipei 11170, Taiwan (R.O.C.)
Manufacturer : Inventec Corporation
NO.,66 Hou-Kang Street Shih-Lin District,
Taipei 11170, Taiwan (R.O.C.)
Model No : Mercury 619
FCC ID : DGIBC0153AAA000

Approved by :  Prepared by : 
Country Huang John Cheng

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Contents

1. GENERAL	5
1.1 Description of Equipment under Test (EUT)	5
1.2 Introduction	6
1.3 Summary of Tests	6
1.4 Description of Support Equipment	7
1.5 Configuration of System under Test	8
1.6 Test Procedure	9
1.7 General Test Condition	9
2. Conducted Emissions Requirements	10
2.1 General & Setup	10
2.2 Test Equipment List	10
2.3 Test Configuration	11
2.4 Test condition	12
2.5 Conducted Emissions Limits	12
2.6 Measurement Data Of Conducted Emissions	13
3. Radiated Emissions Requirements	61
3.1 Final radiation measurements were made on a three-meter	61
3.2 Test Equipment List	63
3.3 Test Configuration	64
3.4 Test condition	66
3.5 Radiated Emissions Limits	66
3.6 Measurement Data of Radiated Emissions	67
4. Maximum Conducted Output Power Requirements	133
4.1 Test Condition & Setup	133
4.2 Test Instruments Configuration	133
4.3 Test Equipment List	134
4.4 Test Result	134
4.5 Test Graphs	135
5. Minimum 6dB RF Bandwidth Requirements	143
5.1 Test Condition & Setup	143
5.2 Test Instruments Configuration	143
5.3 Test Equipment List	143
5.4 Test Result	144
5.5 Test Graphs	145
6. Maximum Power Density Requirements	153
6.1 Test Condition & Setup	153
6.2 Test Instruments Configuration	153
6.3 Test Equipment List	154
6.4 Test Result	154
6.5 Test Graphs	155



Contents

7. Out of Band Conducted Emissions Requirement	163
7.1 Test Condition & Setup	163
7.2 Test Instruments Configuration	163
7.3 Test Equipment List.....	164
7.4 Test Result	164
7.5 Test Graphs.....	165
8. Band Edges Requirements	225
8.1 Test Condition & Setup	225
8.2 Test Instruments Configuration	225
8.3 Test Equipment List.....	226
8.4 Test Result	227
9. Antenna Requirements.....	237
9.1 Standard Applicable	237
9.2 Antenna Connector Construction.....	237
Appendix A – EUT Test SETUP(MEASUREMENT OF POWER LINE CONDUCTED RFI VOLTAGE)	238
Appendix B – EUT Test SETUP(MEASUREMENT OF RADIATED EMISSION)	239



1. GENERAL

1.1 Description of Equipment under Test (EUT)

Applicant :

Inventec Corporation
NO.,66 Hou-Kang Street Shih-Lin District, Taipei 11170, Taiwan (R.O.C.)

Manufacturer Name : Inventec Corporation
Product Model : Mercury 619
Product Type : PDA PHONE
FCC ID : DGIBC0153AAA000
Battery Type : Powered by Bettery (4.2V Li-ion Battery Pack)
Frequency of Channel : See Table 1
Type of Modulation : Direct Sequence Spread Spectrum
Type of Antenna : Internal Antenna Type Antenna

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 Digital Device certification in accordance with Part2 Subpart J and Part 15 Subpart A And B&C of the Commission's and Regulations.

1.3 Summary of Tests

47 CFR Part 15 Subpart C			
Reference	Test	Results	Note
15.107	AC Power Conducted Emission	PASS	
15.247(c)	Transmitter Radiated Emissions	PASS	
15.247(b)	Max. Output Power	PASS	
15.247(a)(2)	6dB RF Bandwidth	PASS	
15.247(d)	Max. Power Density	PASS	
15.247(c)	Out of Band Conducted Spurious Emission	PASS	
15.247(c)	Band Edge Measurement	PASS	
15.203	Antenna Requirement	PASS	



1.4 Description of Support Equipment

<u>Computer</u>	: IBM
Model No.	: 16W
Serial No.	: BNL345M
FCC ID	: FCC DOC
<u>Keyboard</u>	: IBM
Model No.	: KB-9930
Serial No.	: 09N5395
FCC ID	: FCC DOC
<u>Monitor</u>	: IBM
Model No.	: 10L6145 030
Serial No.	: 23-092079
FCC ID	: FCC DOC
<u>Mouse</u>	: IBM
Model No.	: 0180-05N
Serial No.	: 23-96142
FCC ID	: EMJMUJJ
<u>Printer</u>	: SII
Model No.	: DUP-414
Serial No.	: 730-029309-01
FCC ID	: FCC DOC

1.5 Configuration of System under Test

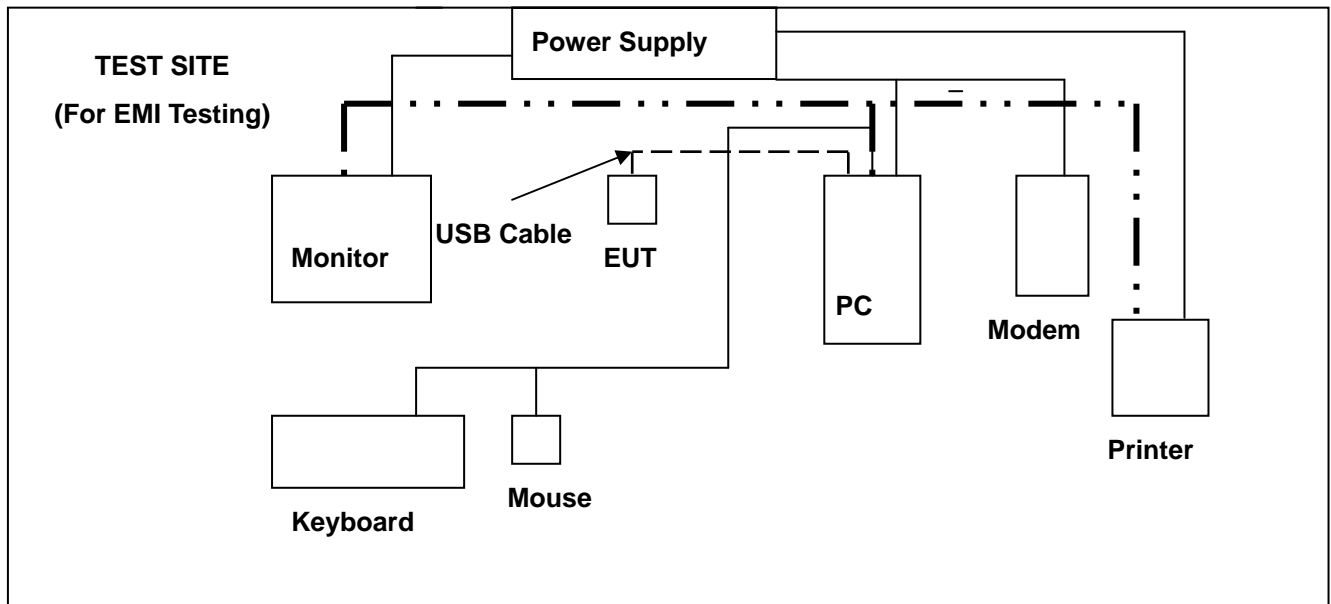


Figure 1. Configuration of System Under Test

During EMI testing (Charge Mode) the EUT (PDA Phone)'s USB port connected to the USB port of AE PC & Earphone port connected to earphone. A mouse was connected to the mouse port of IBM PC. And a keyboard was connected to the mouse port of IBM PC. And a printer was connected to the parallel port. An external modem connected the serial port and the external modem connected with two unterminated telephone cables on the line and phone jack.

Note: The EUT could used the AC adapter or PC's USB port to provide charge batter, The EUT was worst case on PC's USB port charge mode.

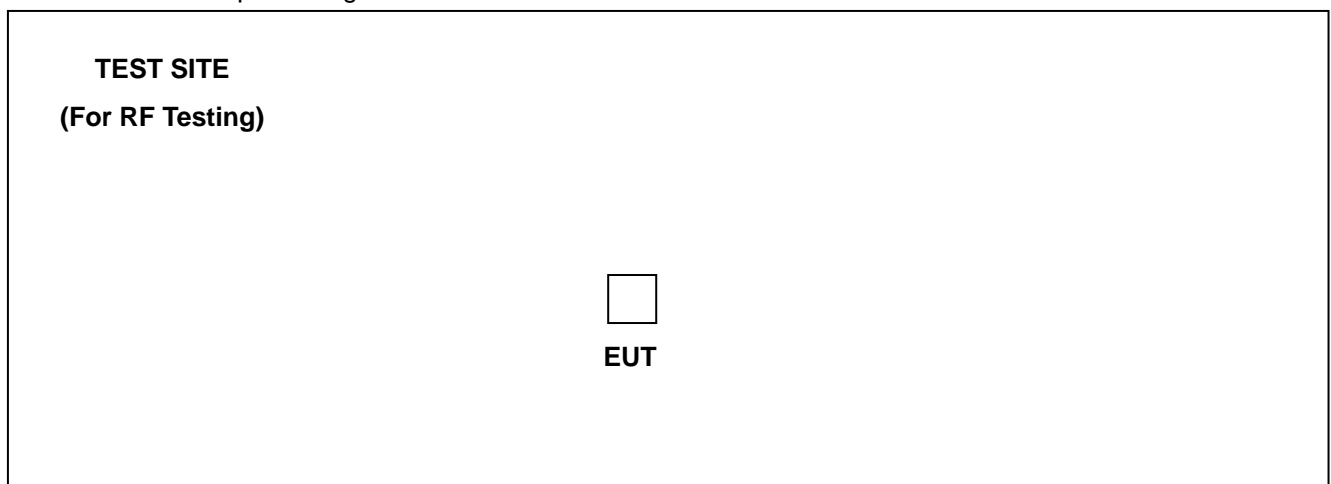


Figure 2. Configuration of System Under Test

During RF testing (LINK Mode) the EUT (PDA Phone) was put on the center of turn table. During EMI testing (Charge Mode) the EUT (PDA Phone)'s Earphone port connected to earphone.



1.6 Test Procedure

All measurements contained in this report were performed according to the techniques described in Measurement procedure ANSI C63.4-2001 "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. 24, 2006	Mar. 24, 2007
Test Receiver	R&S	ESCI	100367	May. 03, 2006	May. 02, 2007
LISN	EMCO	3816/2 SH	00060110	May. 03, 2006	May. 02, 2007
LISN	EMCO	3816/2 SH	00060110	May. 03, 2006	May. 02, 2007
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Jun. 26, 2006	Jun. 26, 2007

2.3 Test Configuration:



Figure 3. Front View of the Test Configuration



Figure 4. 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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b Charge Mode _ BPSK
Test Date : 03/08/2007

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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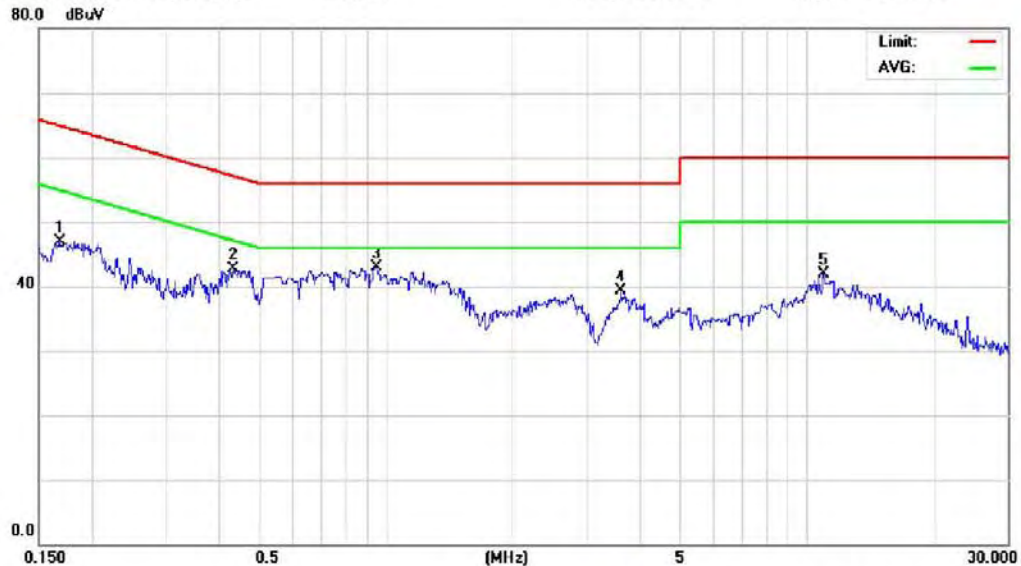
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#7

Date: 2007/03/08

Time: 下午 08:13:10



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b stand by

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1680	37.16	9.73	46.89	65.05	-18.16	peak	
2		0.4334	32.86	9.78	42.64	57.19	-14.55	peak	
3	*	0.9496	33.03	9.81	42.84	56.00	-13.16	peak	
4		3.6139	29.45	9.93	39.38	56.00	-16.62	peak	
5		10.9496	31.84	10.10	41.94	60.00	-18.06	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#7

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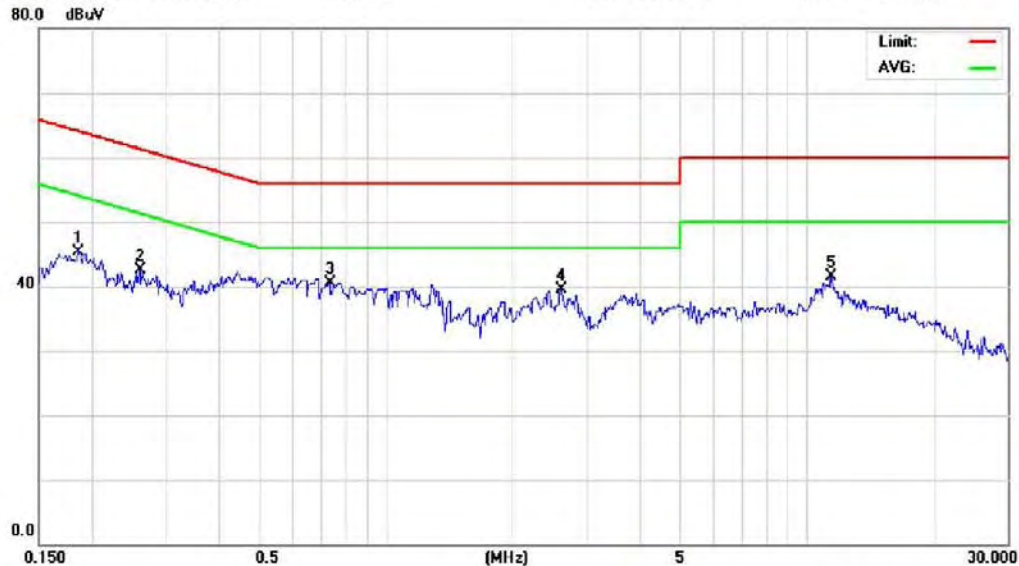
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#8

Date: 2007/03/08

Time: 下午 08:14:17



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b stand by

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1864	35.66	9.74	45.40	64.19	-18.79	peak	
2		0.2590	32.81	9.75	42.56	61.46	-18.90	peak	
3	*	0.7338	30.77	9.80	40.57	56.00	-15.43	peak	
4		2.5969	29.48	9.93	39.41	56.00	-16.59	peak	
5		11.4000	31.33	10.12	41.45	60.00	-18.55	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#8

Page: 1

Engineer Signature:



2.6.2 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH1 (2412MHz) _ BPSK
Test Date : 03/08/2007

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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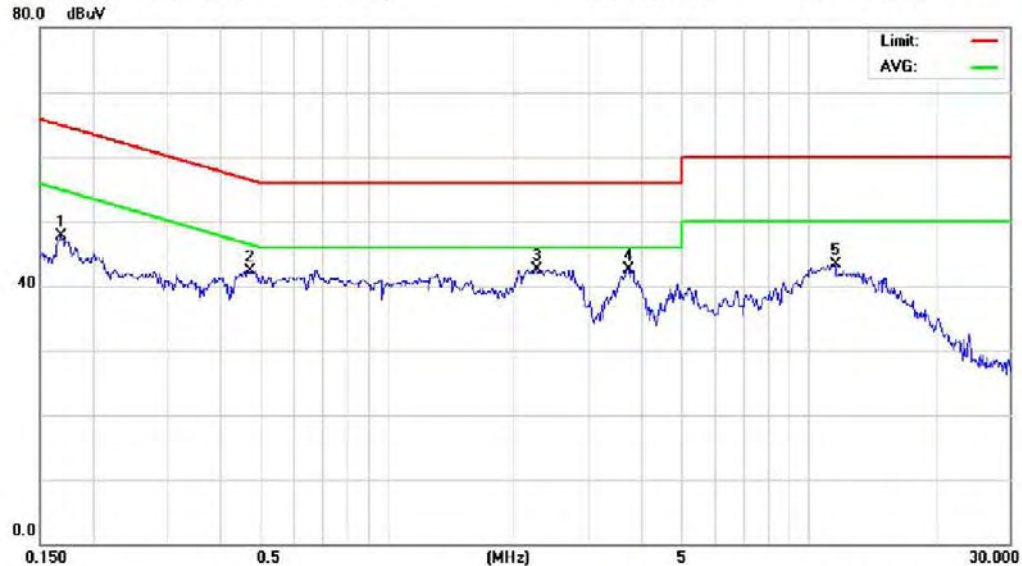
Conducted Emission Measurement

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Data :#1

Date: 2007/03/08

Time: 下午 07:22:02



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch01

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1680	38.05	9.73	47.78	65.05	-17.27	peak	
2		0.4691	32.55	9.78	42.33	56.53	-14.20	peak	
3	*	2.2549	32.69	9.88	42.57	56.00	-13.43	peak	
4		3.7219	32.54	9.94	42.48	56.00	-13.52	peak	
5		11.5500	33.15	10.12	43.27	60.00	-16.73	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(B)Data :#1

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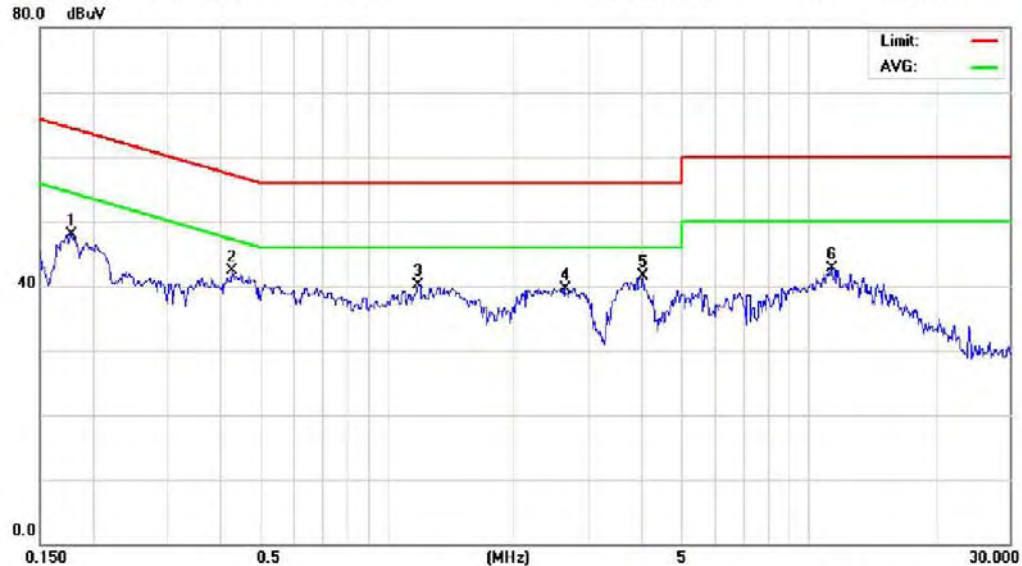
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#2

Date: 2007/03/08

Time: 下午 07:43:55



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch01

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1773	38.14	9.74	47.88	64.61	-16.73	peak	
2		0.4278	32.45	9.78	42.23	57.29	-15.06	peak	
3		1.1834	30.37	9.80	40.17	56.00	-15.83	peak	
4		2.6419	29.66	9.93	39.59	56.00	-16.41	peak	
5	*	4.0369	31.48	9.96	41.44	56.00	-14.56	peak	
6		11.3000	32.67	10.11	42.78	60.00	-17.22	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(B)Data :#2

Page: 1

Engineer Signature:



2.6.3 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH6 (2437MHz) _BPSK
Test Date : 03/08/2007

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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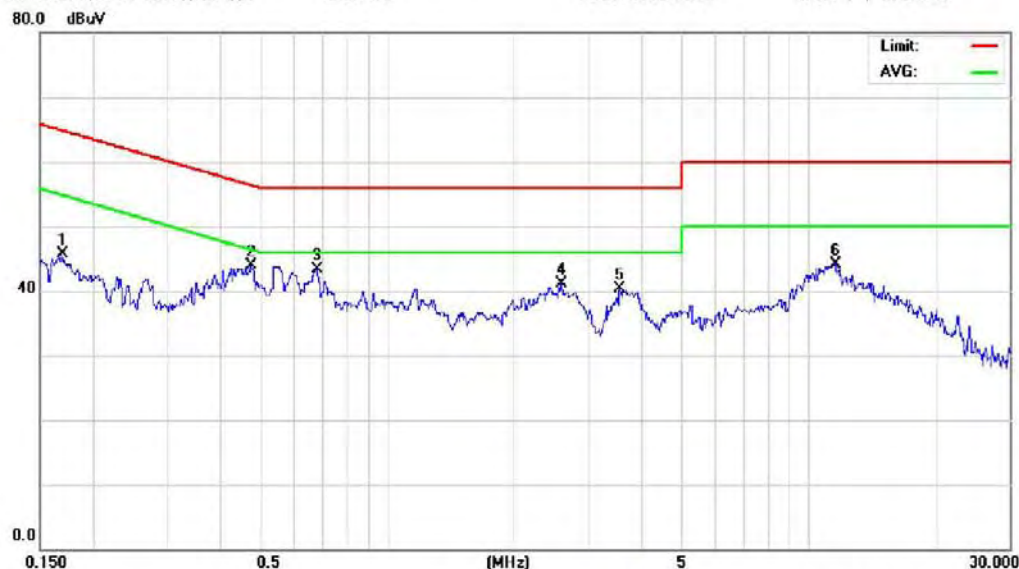
Conducted Emission Measurement

File : M619(03-08-2007)(WIFI)(B

Data : #3

Date: 2007/03/08

Time: 下午 07:55:40



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch06

Phase: **L1**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1688	35.98	9.73	45.71	65.01	-19.30	peak	
2	*	0.4753	34.09	9.78	43.87	56.42	-12.55	peak	
3		0.6800	33.60	9.79	43.39	56.00	-12.61	peak	
4		2.5878	31.16	9.93	41.09	56.00	-14.91	peak	
5		3.5598	30.33	9.94	40.27	56.00	-15.73	peak	
6		11.5000	34.00	10.12	44.12	60.00	-15.88	peak	

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

●Reference Only

File : M619(03-08-2007)(WIFI)(B)Data : #3

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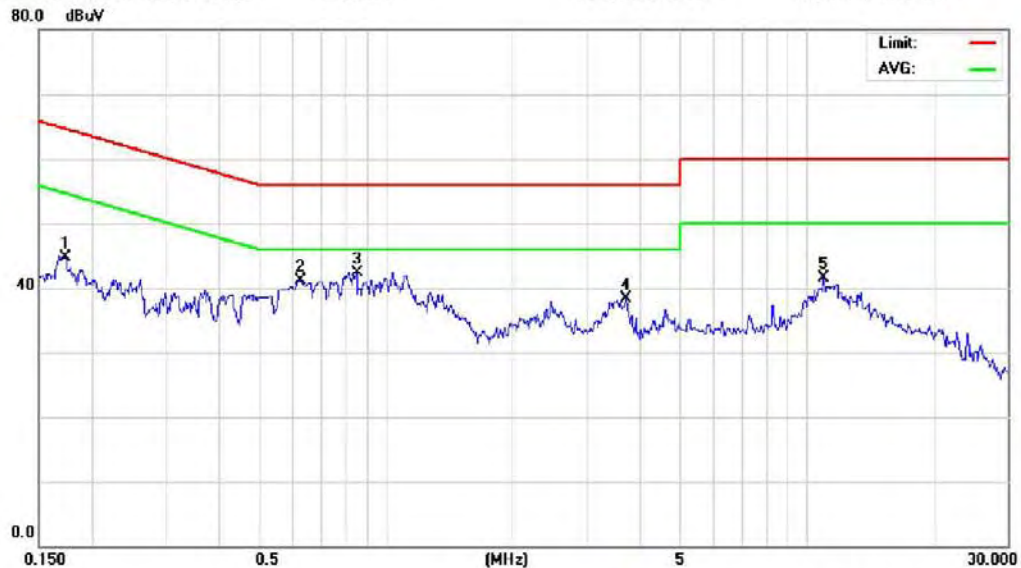
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#4

Date: 2007/03/08

Time: 下午 07:58:22



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch06

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1723	35.04	9.73	44.77	64.84	-20.07	peak	
2		0.6260	31.23	9.79	41.02	56.00	-14.98	peak	
3	*	0.8508	32.55	9.80	42.35	56.00	-13.65	peak	
4		3.7128	28.46	9.94	38.40	56.00	-17.60	peak	
5		10.9496	31.37	10.10	41.47	60.00	-18.53	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#4

Page: 1

Engineer Signature:



2.6.4 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH11 (2462MHz) _BPSK
Test Date : 03/08/2007

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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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#5

Date: 2007/03/08

Time: 下午 08:10:19



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch11

Phase: **L1**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1710	37.08	9.73	46.81	64.91	-18.10	peak	
2	*	0.5360	33.05	9.79	42.84	56.00	-13.16	peak	
3		0.8326	32.37	9.80	42.17	56.00	-13.83	peak	
4		3.9018	30.30	9.97	40.27	56.00	-15.73	peak	
5		10.6500	32.79	10.05	42.84	60.00	-17.16	peak	

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

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File :M619(03-08-2007)(WIFI)(BData :#5

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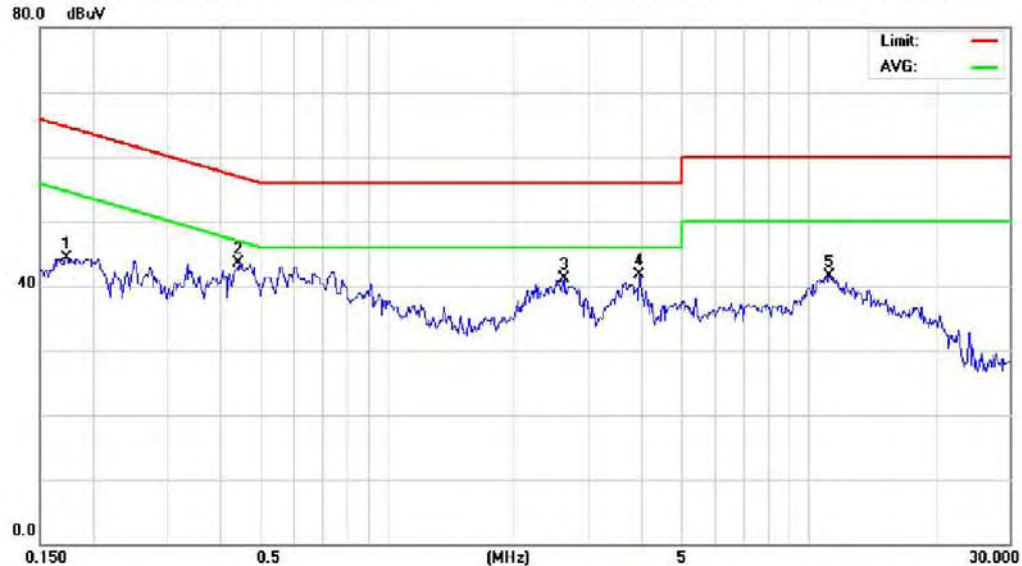
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#6

Date: 2007/03/08

Time: 下午 08:11:38



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11b ch11

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1731	34.61	9.73	44.34	64.81	-20.47	peak	
2	*	0.4410	33.70	9.78	43.48	57.04	-13.56	peak	
3		2.6328	31.27	9.93	41.20	56.00	-14.80	peak	
4		3.9559	31.73	9.98	41.71	56.00	-14.29	peak	
5		11.1500	31.30	10.11	41.41	60.00	-18.59	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(B)Data :#6

Page: 1

Engineer Signature:



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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b Charge Mode _ CCK
Test Date : 03/06/2007

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.

Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#7

Date: 2007/03/06

Time: 下午 08:13:10



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b stand by

Phase: **L1**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1688	36.66	9.73	46.39	65.01	-18.62	peak	
2		0.4334	33.86	9.78	43.64	57.19	-13.55	peak	
3	*	0.9497	33.03	9.81	42.84	56.00	-13.16	peak	
4		3.6949	31.92	9.94	41.86	56.00	-14.14	peak	
5		10.9497	33.34	10.10	43.44	60.00	-16.56	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#7

Page: 1

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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#8

Date: 2007/03/06

Time: 下午 08:14:17



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b stand by

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1864	34.66	9.74	44.40	64.19	-19.79	peak	
2		0.4418	32.44	9.78	42.22	57.03	-14.81	peak	
3	*	1.0040	31.96	9.80	41.76	56.00	-14.24	peak	
4		2.5969	30.48	9.93	40.41	56.00	-15.59	peak	
5		11.4000	32.33	10.12	42.45	60.00	-17.55	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#8

Page: 1

Engineer Signature:



2.6.6 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH1 (2412MHz) _ CCK
Test Date : 03/06/2007

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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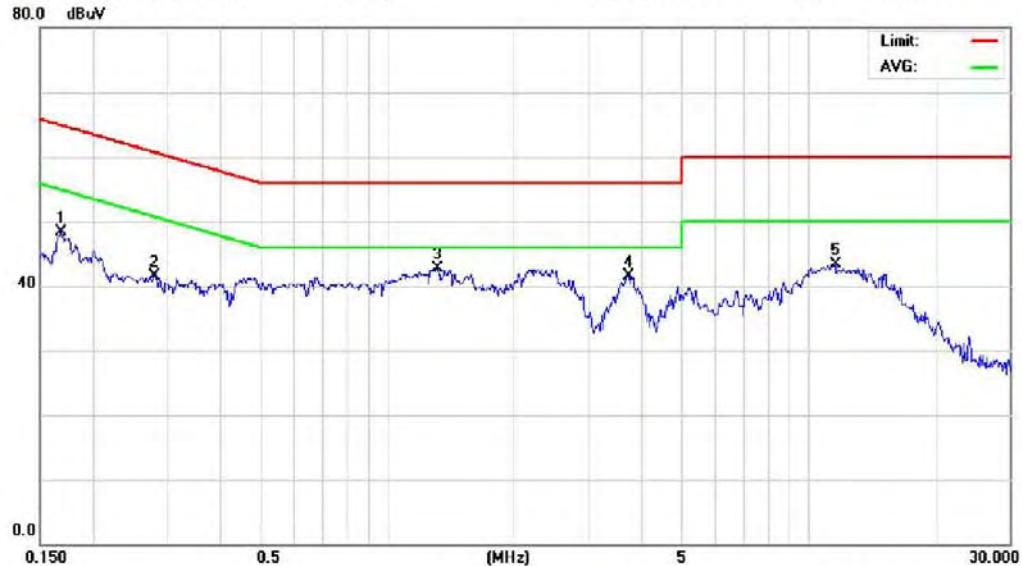
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#1

Date: 2007/03/06

Time: 下午 07:49:02



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch01

Phase: **L1**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1680	38.55	9.73	48.28	65.05	-16.77	peak	
2		0.2801	31.81	9.76	41.57	60.81	-19.24	peak	
3	*	1.3099	32.80	9.82	42.62	56.00	-13.38	peak	
4		3.7219	31.54	9.94	41.48	56.00	-14.52	peak	
5		11.5500	33.15	10.12	43.27	60.00	-16.73	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(C\Data :#1

Page: 1

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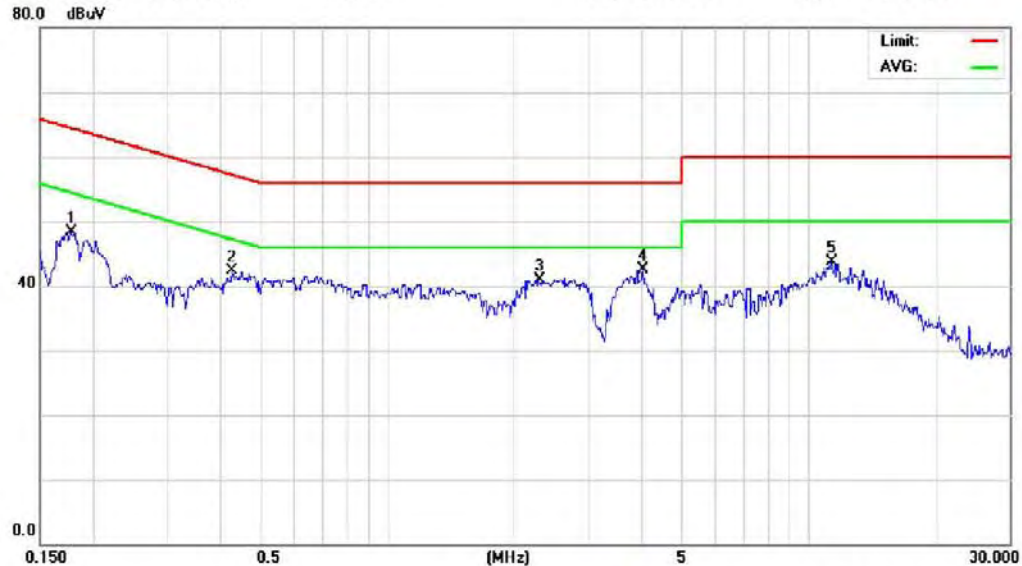
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#2

Date: 2007/03/06

Time: 下午 07:50:55



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch01

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1773	38.64	9.74	48.38	64.61	-16.23	peak	
2		0.4278	32.45	9.78	42.23	57.29	-15.06	peak	
3		2.2909	31.12	9.86	40.98	56.00	-15.02	peak	
4	*	4.0369	32.48	9.96	42.44	56.00	-13.56	peak	
5		11.3000	33.67	10.11	43.78	60.00	-16.22	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(C\Data :#2

Page: 1

Engineer Signature:



2.6.7 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH6 (2437MHz) _ CCK
Test Date : 03/06/2007

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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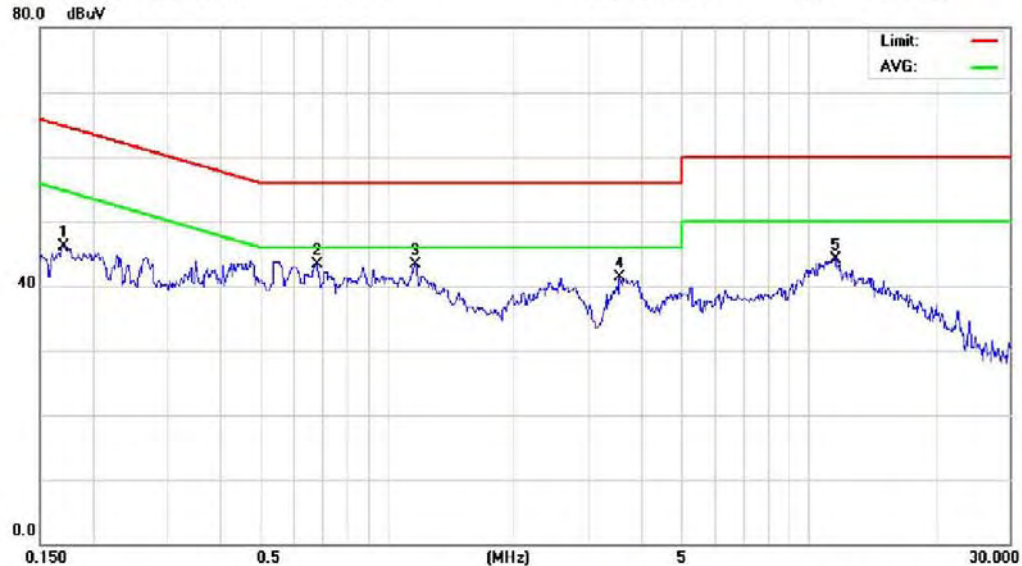
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#3

Date: 2007/03/06

Time: 下午 07:53:40



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch06

Phase: **L1**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1696	36.39	9.73	46.12	64.98	-18.86	peak	
2	*	0.6800	33.60	9.79	43.39	56.00	-12.61	peak	
3		1.1655	33.59	9.80	43.39	56.00	-12.61	peak	
4		3.5598	31.33	9.94	41.27	56.00	-14.73	peak	
5		11.5000	34.00	10.12	44.12	60.00	-15.88	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(C\Data :#3

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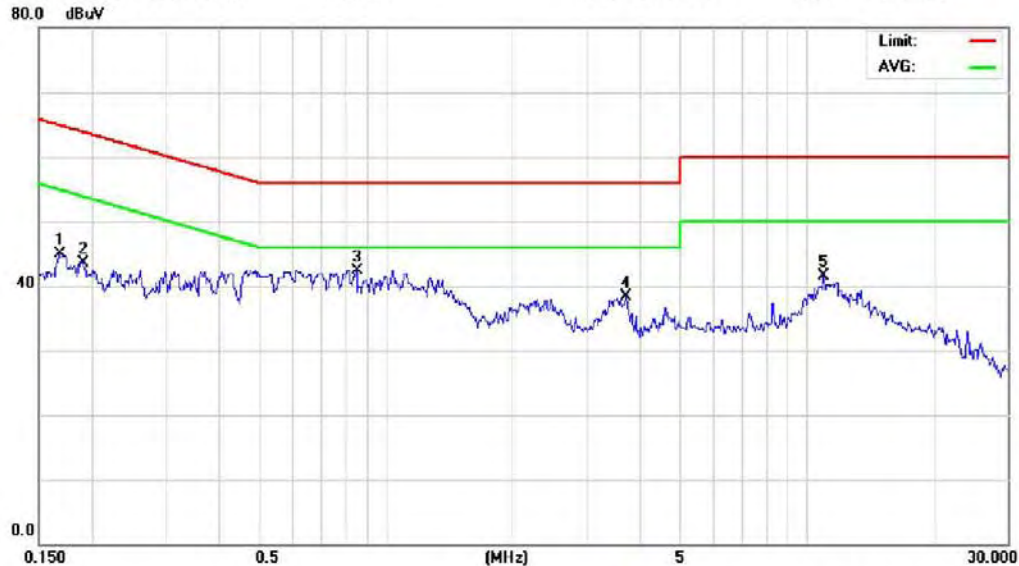
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#4

Date: 2007/03/06

Time: 下午 07:54:50



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch06

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1680	35.12	9.73	44.85	65.05	-20.20	peak	
2		0.1905	33.76	9.74	43.50	64.01	-20.51	peak	
3	*	0.8508	32.55	9.80	42.35	56.00	-13.65	peak	
4		3.7128	28.46	9.94	38.40	56.00	-17.60	peak	
5		10.9496	31.37	10.10	41.47	60.00	-18.53	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#4

Page: 1

Engineer Signature:



2.6.8 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11b CH11 (2462MHz) _ CCK
Test Date : 03/06/2007

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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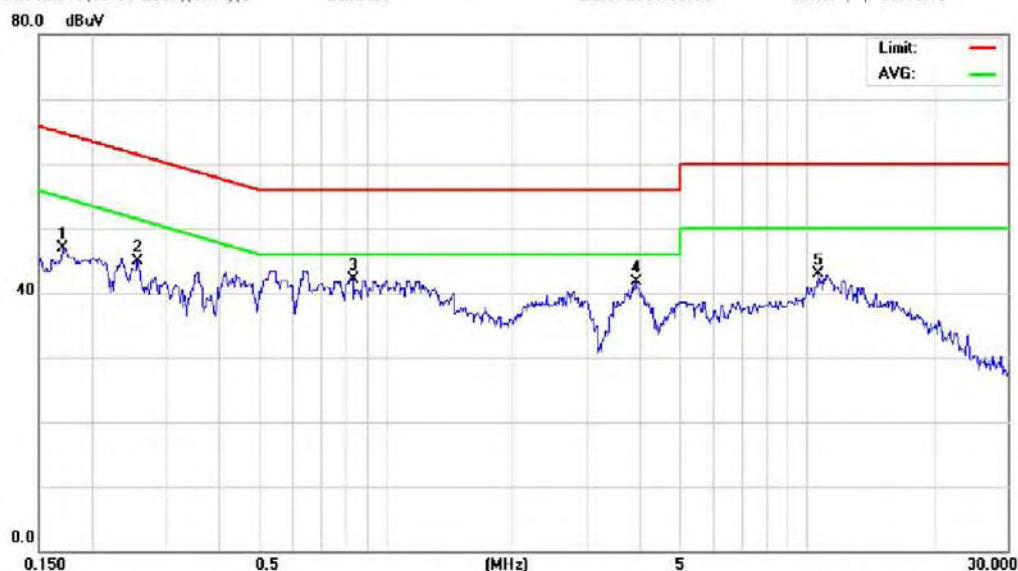
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#5

Date: 2007/03/06

Time: 下午 08:10:19



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch11

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1710	37.08	9.73	46.81	64.91	-18.10	peak	
2		0.2564	35.09	9.75	44.84	61.54	-16.70	peak	
3	*	0.8327	32.37	9.80	42.17	56.00	-13.83	peak	
4		3.9018	31.80	9.97	41.77	56.00	-14.23	peak	
5		10.6500	32.79	10.05	42.84	60.00	-17.16	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#5

Page: 1

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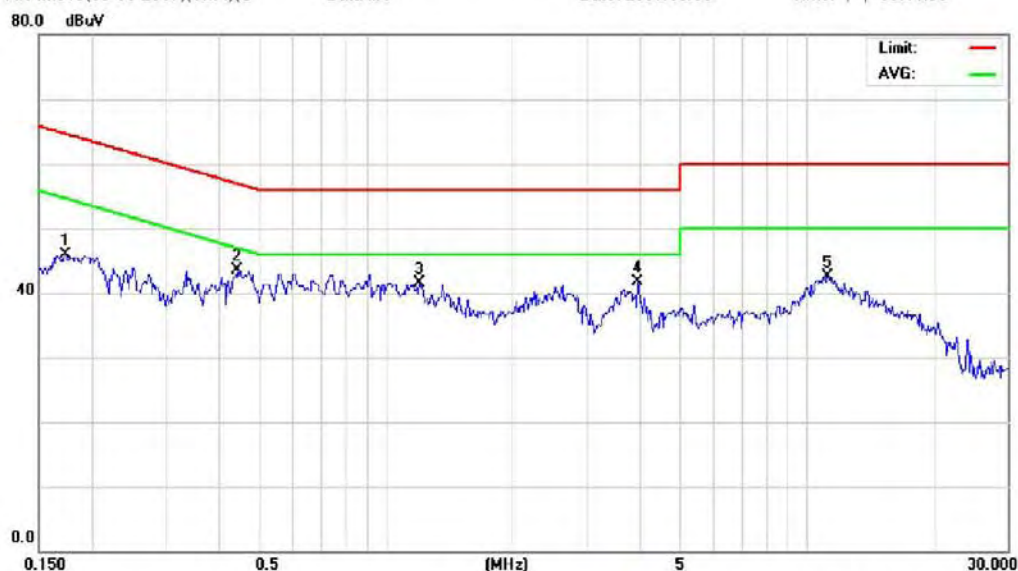
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#6

Date: 2007/03/06

Time: 下午 08:11:38



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11b ch11

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1731	36.11	9.73	45.84	64.81	-18.97	peak	
2	*	0.4410	33.70	9.78	43.48	57.04	-13.56	peak	
3		1.2016	31.76	9.81	41.57	56.00	-14.43	peak	
4		3.9559	31.73	9.98	41.71	56.00	-14.29	peak	
5		11.1500	32.30	10.11	42.41	60.00	-17.59	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#6

Page: 1

Engineer Signature:



2.6.9 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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g Charge Mode _BPSK
Test Date : 03/08/2007

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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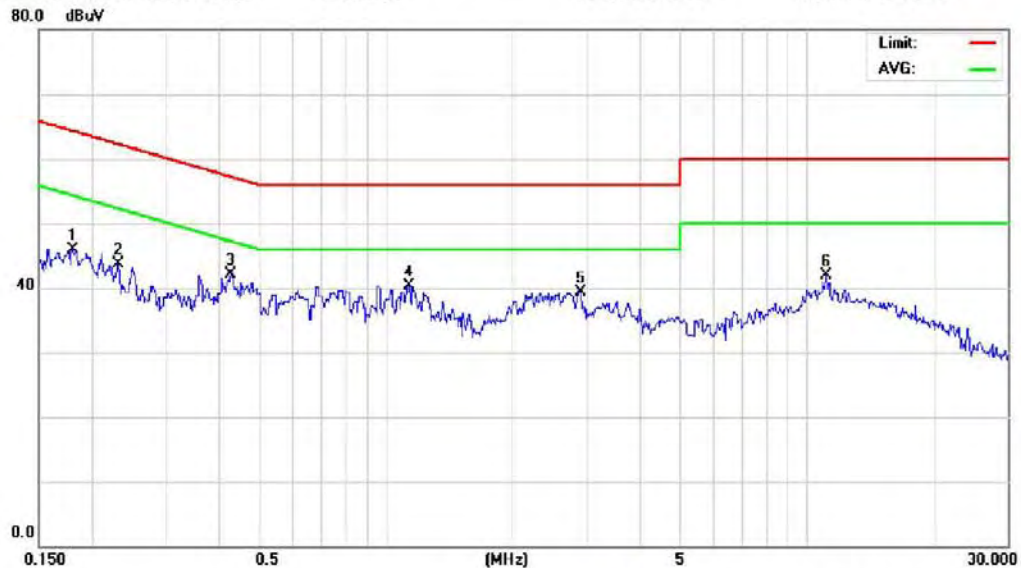
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#15

Date: 2007/03/08

Time: 下午 08:23:58



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g stand by

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1801	36.23	9.74	45.97	64.48	-18.51	peak	
2		0.2305	33.89	9.75	43.64	62.43	-18.79	peak	
3	*	0.4278	32.42	9.78	42.20	57.29	-15.09	peak	
4		1.1295	30.50	9.80	40.30	56.00	-15.70	peak	
5		2.8849	29.33	9.90	39.23	56.00	-16.77	peak	
6		11.0998	31.87	10.11	41.98	60.00	-18.02	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#15

Page: 1

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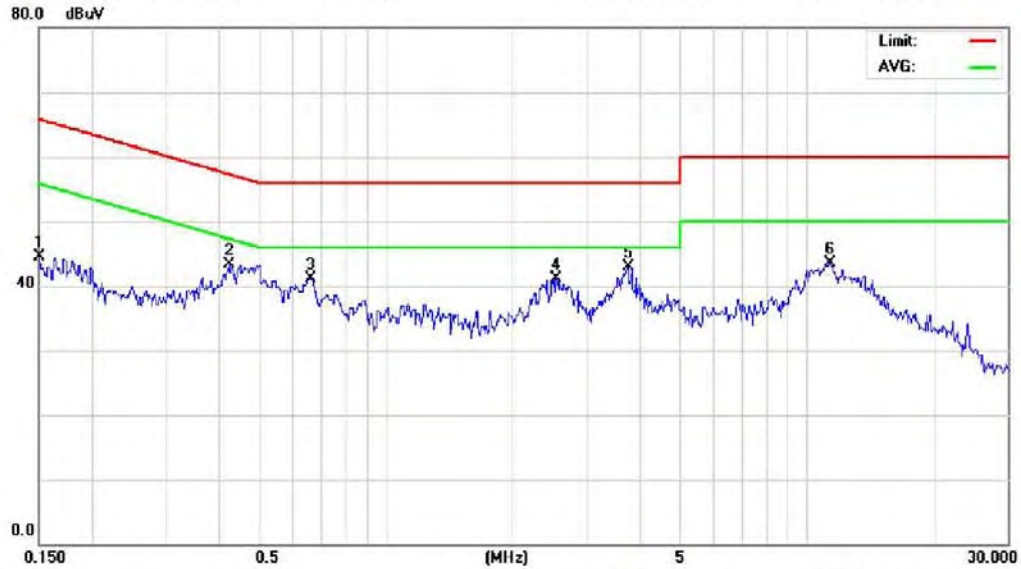
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#16

Date: 2007/03/08

Time: 下午 08:25:05



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g stand by

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1507	34.77	9.73	44.50	65.96	-21.46	peak	
2		0.4222	33.49	9.78	43.27	57.40	-14.13	peak	
3		0.6620	31.33	9.79	41.12	56.00	-14.88	peak	
4		2.5339	31.25	9.92	41.17	56.00	-14.83	peak	
5	*	3.7399	32.99	9.95	42.94	56.00	-13.06	peak	
6		11.3498	33.30	10.12	43.42	60.00	-16.58	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#16

Page: 1

Engineer Signature:



2.6.10 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH1 (2412MHz) _BPSK
Test Date : 03/08/2007

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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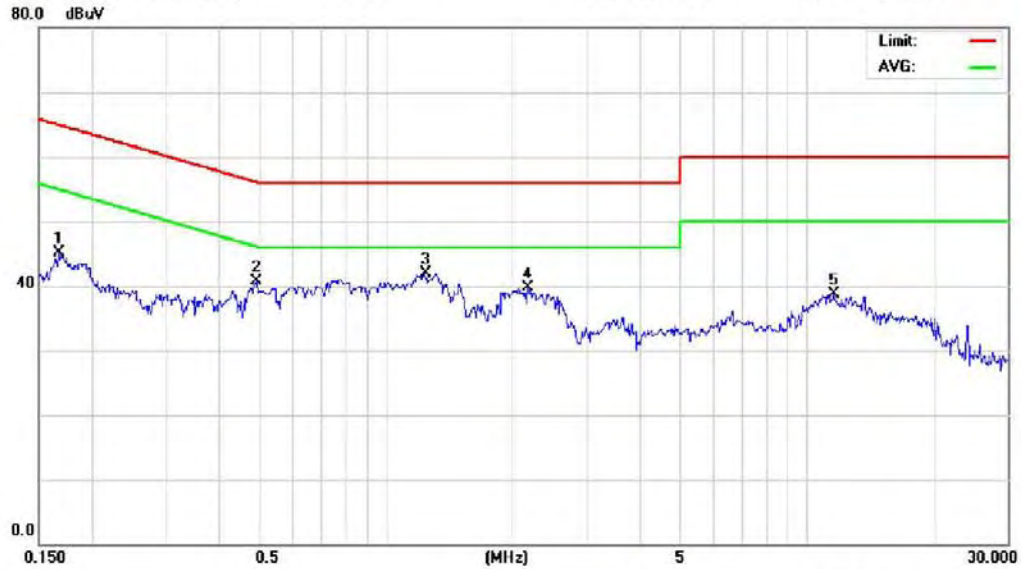
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#9

Date: 2007/03/08

Time: 下午 08:16:11



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch01

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1675	35.36	9.73	45.09	65.08	-19.99	peak	
2		0.4908	30.89	9.78	40.67	56.15	-15.48	peak	
3	*	1.2379	32.10	9.81	41.91	56.00	-14.09	peak	
4		2.1739	29.91	9.88	39.79	56.00	-16.21	peak	
5		11.5500	28.53	10.12	38.65	60.00	-21.35	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#9

Page: 1

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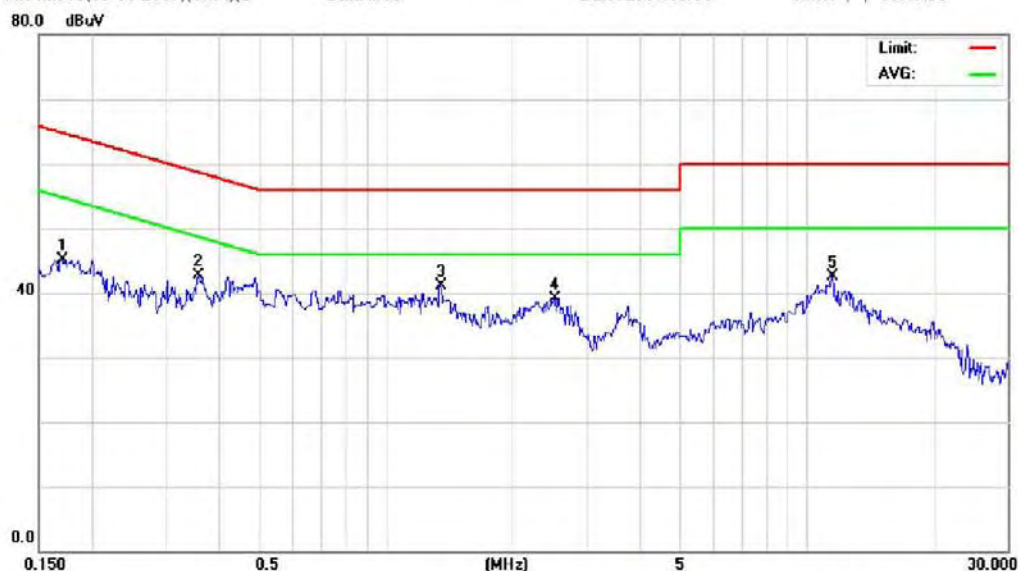
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#10

Date: 2007/03/08

Time: 下午 08:17:33



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch01

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1696	35.34	9.73	45.07	64.98	-19.91	peak	
2		0.3592	32.87	9.78	42.65	58.75	-16.10	peak	
3	*	1.3459	31.38	9.82	41.20	56.00	-14.80	peak	
4		2.5068	29.27	9.89	39.16	56.00	-16.84	peak	
5		11.4496	32.41	10.12	42.53	60.00	-17.47	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#10

Page: 1

Engineer Signature:



2.6.11 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH6 (2437MHz) _BPSK
Test Date : 03/08/2007

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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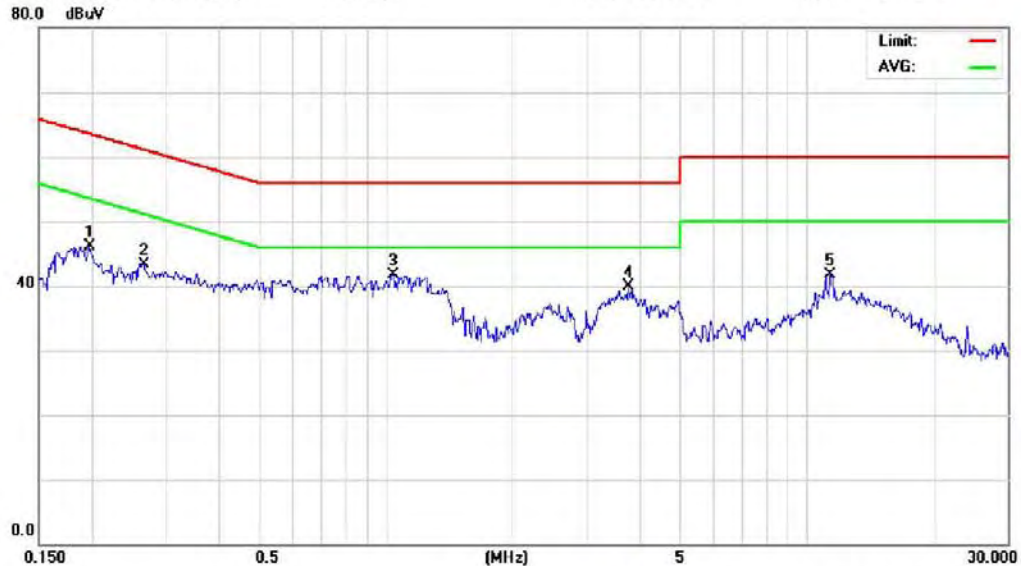
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#11

Date: 2007/03/08

Time: 下午 08:18:54



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch06

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1968	36.38	9.74	46.12	63.74	-17.62	peak	
2		0.2646	33.65	9.75	43.40	61.28	-17.88	peak	
3	*	1.0400	31.98	9.80	41.78	56.00	-14.22	peak	
4		3.7669	29.90	9.95	39.85	56.00	-16.15	peak	
5		11.3498	31.62	10.12	41.74	60.00	-18.26	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#11

Page: 1

Engineer Signature:



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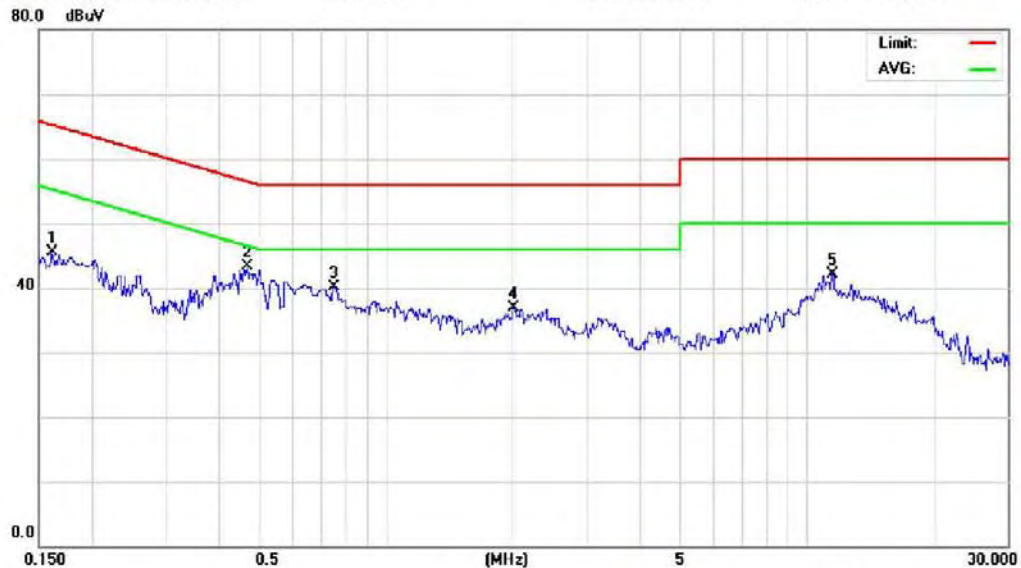
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#12

Date: 2007/03/08

Time: 下午 08:20:08



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch06

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1612	35.80	9.73	45.53	65.40	-19.87	peak	
2	*	0.4670	33.54	9.78	43.32	56.57	-13.25	peak	
3		0.7520	30.34	9.80	40.14	56.00	-15.86	peak	
4		2.0028	27.15	9.85	37.00	56.00	-19.00	peak	
5		11.4496	31.89	10.12	42.01	60.00	-17.99	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#12

Page: 1

Engineer Signature:



2.6.12 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH11 (2462MHz) _BPSK
Test Date : 03/08/2007

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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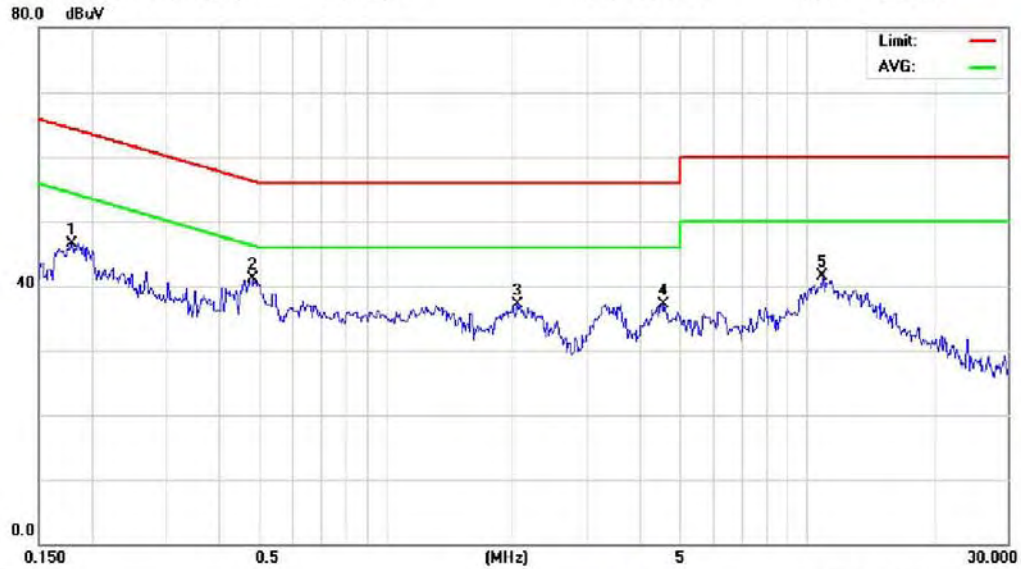
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#13

Date: 2007/03/08

Time: 下午 08:21:24



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch11

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1794	36.81	9.74	46.55	64.51	-17.96	peak	
2	*	0.4823	31.25	9.78	41.03	56.30	-15.27	peak	
3		2.0478	27.34	9.86	37.20	56.00	-18.80	peak	
4		4.5678	27.07	10.02	37.09	56.00	-18.91	peak	
5		10.8498	31.46	10.08	41.54	60.00	-18.46	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#13

Page: 1

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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(B

Data :#14

Date: 2007/03/08

Time: 下午 08:22:35



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: BPSK

Note: 11g ch11

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1962	35.83	9.74	45.57	63.77	-18.20	peak	
2		0.2847	32.37	9.76	42.13	60.68	-18.55	peak	
3	*	1.0939	30.23	9.80	40.03	56.00	-15.97	peak	
4		3.8567	29.44	9.95	39.39	56.00	-16.61	peak	
5		11.0500	32.95	10.11	43.06	60.00	-16.94	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(BData :#14

Page: 1

Engineer Signature:



2.6.13 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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g Charge Mode _ CCK
Test Date : 03/06/2007

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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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#15

Date: 2007/03/06

Time: 下午 08:23:58



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g stand by

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1801	36.23	9.74	45.97	64.48	-18.51	peak	
2	*	0.4278	31.42	9.78	41.20	57.29	-16.09	peak	
3		1.1296	29.50	9.80	39.30	56.00	-16.70	peak	
4		3.7399	29.55	9.95	39.50	56.00	-16.50	peak	
5		11.0998	31.87	10.11	41.98	60.00	-18.02	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#15

Page: 1

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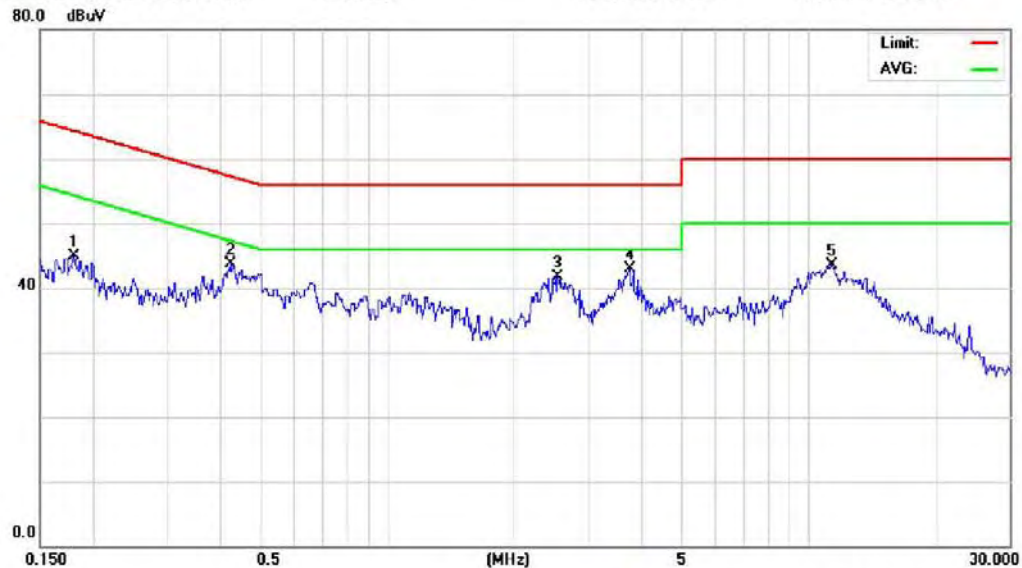
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#16

Date: 2007/03/06

Time: 下午 08:25:05



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g stand by

Phase: **L2**

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1801	35.19	9.74	44.93	64.48	-19.55	peak	
2		0.4222	33.99	9.78	43.77	57.40	-13.63	peak	
3		2.5339	31.75	9.92	41.67	56.00	-14.33	peak	
4	*	3.7399	32.99	9.95	42.94	56.00	-13.06	peak	
5		11.3498	33.30	10.12	43.42	60.00	-16.58	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(C\\Data :#16

Page: 1

Engineer Signature:



2.6.14 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH1 (2412MHz) _ CCK
Test Date : 03/06/2007

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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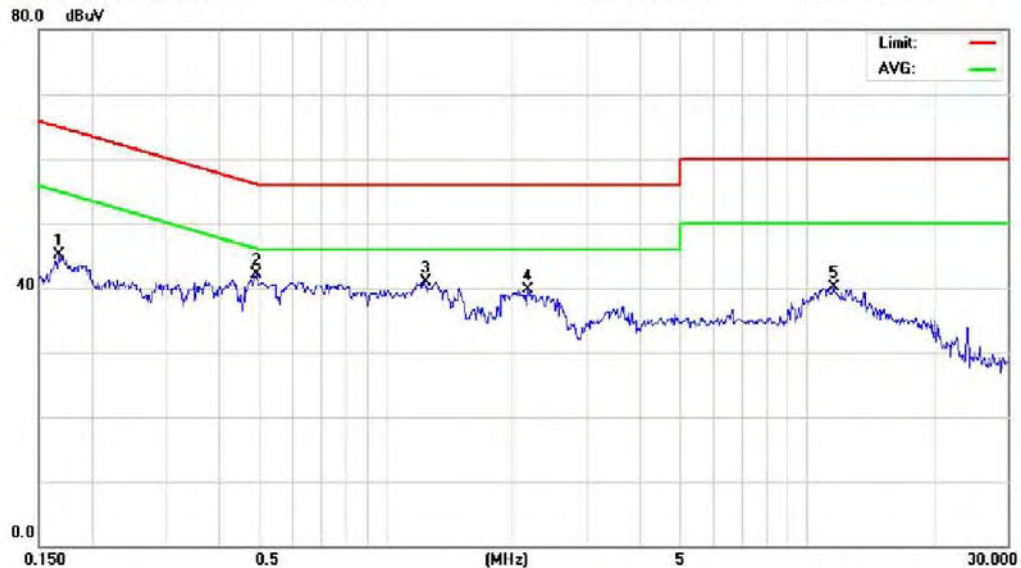
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#9

Date: 2007/03/06

Time: 下午 08:16:11



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch01

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1675	35.36	9.73	45.09	65.08	-19.99	peak	
2	*	0.4908	32.39	9.78	42.17	56.15	-13.98	peak	
3		1.2379	31.10	9.81	40.91	56.00	-15.09	peak	
4		2.1739	29.91	9.88	39.79	56.00	-16.21	peak	
5		11.5500	30.03	10.12	40.15	60.00	-19.85	peak	

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

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File :M619(03-08-2007)(WIFI)(CData :#9

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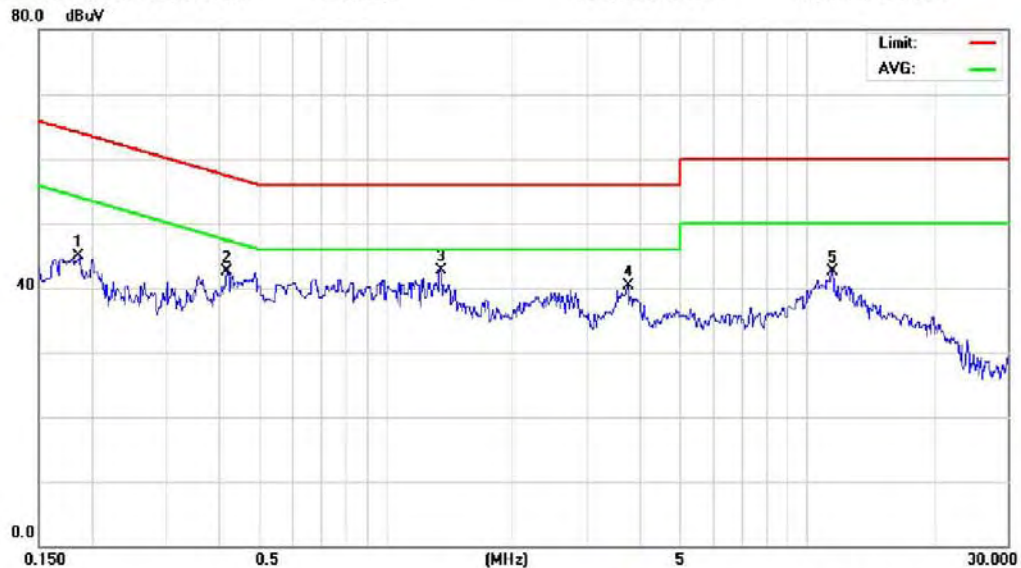
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#10

Date: 2007/03/06

Time: 下午 08:17:33



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch01

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1864	35.11	9.74	44.85	64.19	-19.34	peak	
2		0.4193	32.74	9.78	42.52	57.46	-14.94	peak	
3	*	1.3459	32.88	9.82	42.70	56.00	-13.30	peak	
4		3.7399	30.45	9.95	40.40	56.00	-15.60	peak	
5		11.4497	32.41	10.12	42.53	60.00	-17.47	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#10

Page: 1

Engineer Signature:



2.6.15 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH6 (2437MHz) _ CCK
Test Date : 03/06/2007

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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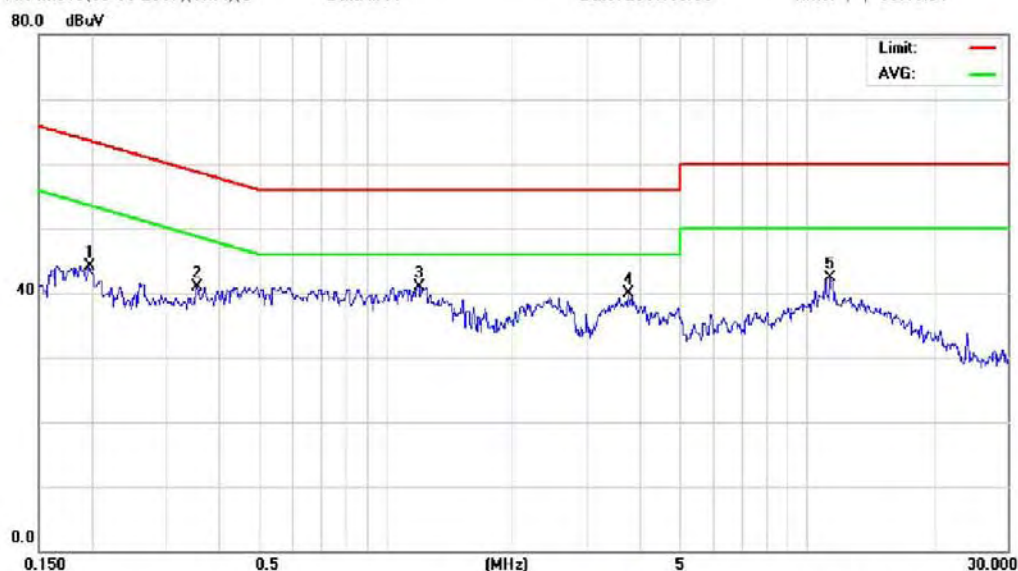
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#11

Date: 2007/03/06

Time: 下午 08:18:54



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch06

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1968	34.38	9.74	44.12	63.74	-19.62	peak	
2		0.3548	31.17	9.78	40.95	58.85	-17.90	peak	
3	*	1.1929	31.06	9.80	40.86	56.00	-15.14	peak	
4		3.7669	29.90	9.95	39.85	56.00	-16.15	peak	
5		11.3498	32.12	10.12	42.24	60.00	-17.76	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#11

Page: 1

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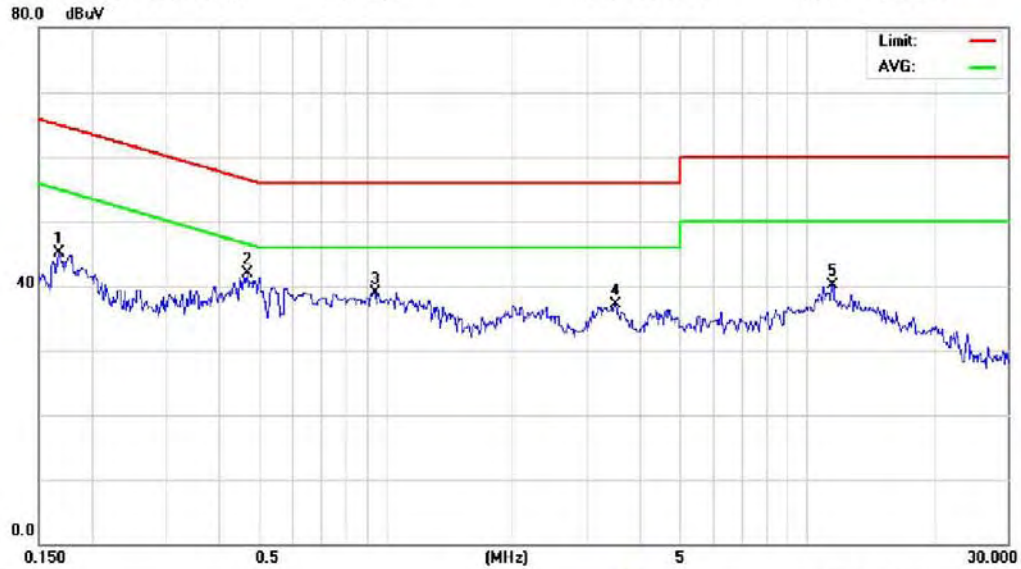
Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#12

Date: 2007/03/06

Time: 下午 08:20:08



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch06

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1668	35.42	9.73	45.15	65.11	-19.96	peak	
2	*	0.4670	32.04	9.78	41.82	56.57	-14.75	peak	
3		0.9407	29.12	9.81	38.93	56.00	-17.07	peak	
4		3.4969	27.07	9.94	37.01	56.00	-18.99	peak	
5		11.4497	29.89	10.12	40.01	60.00	-19.99	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#12

Page: 1

Engineer Signature:



2.6.16 Conducted Emissions (Subpart C)

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 : Mercury 619
EUT : PDA PHONE
Test Mode : 802.11g CH11 (2462MHz) _ CCK
Test Date : 03/06/2007

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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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#13

Date: 2007/03/06

Time: 下午 08:21:24



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch11

Phase: L1

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1794	35.31	9.74	45.05	64.51	-19.46	peak	
2	*	0.4823	30.25	9.78	40.03	56.30	-16.27	peak	
3		2.0478	27.34	9.86	37.20	56.00	-18.80	peak	
4		10.8498	30.96	10.08	41.04	60.00	-18.96	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#13

Page: 1

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Conducted Emission Measurement

File :M619(03-08-2007)(WIFI)(C

Data :#14

Date: 2007/03/06

Time: 下午 08:22:35



Site site #1

Limit: CISPR22 Class B Conduction(QP)

EUT: PDA

M/N: M619

Mode: CCK

Note: 11g ch11

Phase: L2

Power: AC 110V/60Hz

Distance:

Temperature: 26 °C

Humidity: 55 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1617	34.79	9.73	44.52	65.37	-20.85	peak	
2		0.2807	30.91	9.76	40.67	60.79	-20.12	peak	
3		1.0939	29.23	9.80	39.03	56.00	-16.97	peak	
4	*	3.8567	29.44	9.95	39.39	56.00	-16.61	peak	
5		11.0500	32.45	10.11	42.56	60.00	-17.44	peak	

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

●Reference Only

File :M619(03-08-2007)(WIFI)(CData :#14

Page: 1

Engineer Signature: