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

Part 15 C Measurement Report

Report No.	:	**0704FR11**
Applicant	:	**Acer Incorporated**
Product Model	:	**c500**
Product Type	:	**Travel Companion**
FCC ID	:	**HLZC500**
Dates of Test	:	**Mar.21, ~ Apr.01, 30,2007**
Test Specification	:	**Part 15 Subpart 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.

Country Huang **20070418**
Measurement Center Manager

John Cheng **20070418**
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 C (15.247).

EUT	:	**Travel Companion**
Applicant	:	**Acer Incorporated**
		8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Taipei Hsien 221,
		Taiwan (R.O.C.)
Model No	:	**c500**
FCC ID	:	**HLZC500**

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.)
Tel：03-2710188 / Fax：03-2710190

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1. GENERAL

1.1 Description of Equipment under Test (EUT)

Applicant： **Acer Incorporated**
8F, 88, Sec. 1, Hsin Tai Wu Rd., Hsichih Taipei Hsien 221, Taiwan (R.O.C.)

Product Model ： c500

Product Type ： Travel Companion

FCC ID ： HLZC500

Battery Type ： Powered by Bettery (3.7V Li-ion Battery Pack)
Model No.: BA-1405106 (DC3.7V / 1200mAh)
Model No.: BA-1405206 (DC3.7V / 2600mAh)

Battery Model No.: BA-1405106 test data compare with BA-1405206, so the BA-1405106 is worse case in test. Record the worst case in the report.

Frequency of Channel ： See Table 1

Type of Modulation ： Frequency Hopping Spread Spectrum

Type of Antenna ： Internal 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.

CH No.	Freq.	CH No.	Freq.	CH No.	Freq.	CH No.	Freq.
0	2402.00	20	2422.00	40	2442.00	60	2462.00
1	2403.00	21	2423.00	41	2443.00	61	2463.00
2	2404.00	22	2424.00	42	2444.00	62	2464.00
3	2405.00	23	2425.00	43	2445.00	63	2465.00
4	2406.00	24	2426.00	44	2446.00	64	2466.00
5	2407.00	25	2427.00	45	2447.00	65	2467.00
6	2408.00	26	2428.00	46	2448.00	66	2468.00
7	2409.00	27	2429.00	47	2449.00	67	2469.00
8	2410.00	28	2430.00	48	2450.00	68	2470.00
9	2411.00	29	2431.00	49	2451.00	69	2471.00
10	2412.00	30	2432.00	50	2452.00	70	2472.00
11	2413.00	31	2433.00	51	2453.00	71	2473.00
12	2414.00	32	2434.00	52	2454.00	72	2474.00
13	2415.00	33	2435.00	53	2455.00	73	2475.00
14	2416.00	34	2436.00	54	2456.00	74	2476.00
15	2417.00	35	2437.00	55	2457.00	75	2477.00
16	2418.00	36	2438.00	56	2458.00	76	2478.00
17	2419.00	37	2439.00	57	2459.00	77	2479.00
18	2420.00	38	2440.00	58	2460.00	78	2480.00
19	2421.00	39	2441.00	59	2461.00		

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

1.2 Introduction

The following measurement report is submitted on behalf of **Acer Incorporated**. 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)(1)	**20dB RF Bandwidth**	**PASS**	
15.247(a)(1)(ii)	**Carrier Frequency Separation**	**PASS**	
15.247(a)(1)(i)	**Number of Hopping**	**PASS**	
15.247(a)(1)(i)	**Time of Occupancy (Dwell Time)**	**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

Computer	**: DELL**
Model No.	**: PP49L**
Serial No.	**: UF230 A03**
FCC ID	**: E2KWM3945ABC**
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

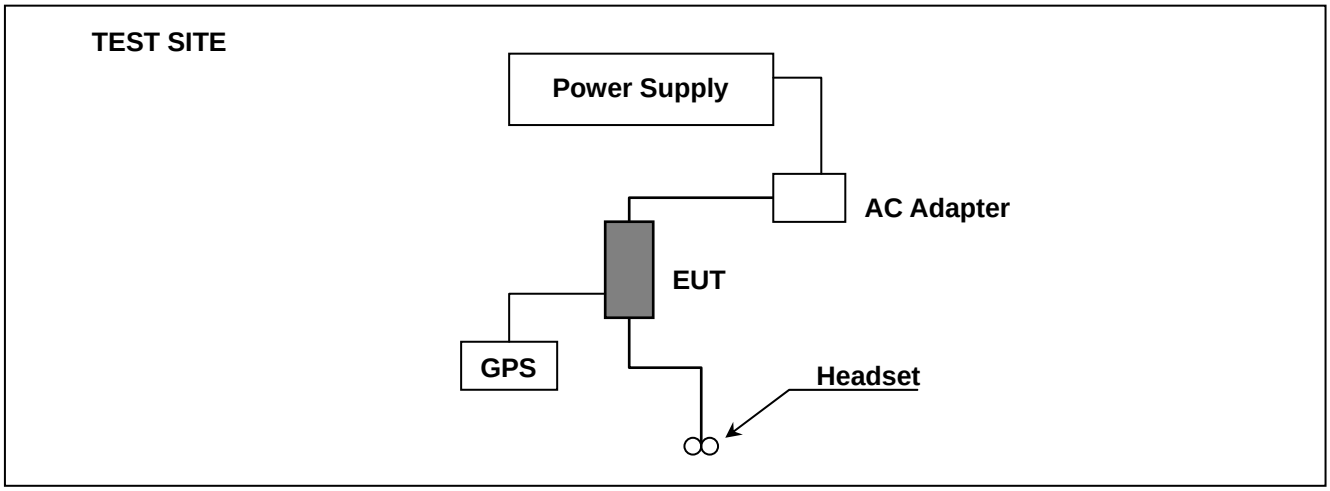


Figure 1. Configuration of System Under Test for AC Adapter

During testing (LINK & Stand by Mode) the EUT (Travel Companion)'s GPS antenna port was connected to GPS antenna. EUT (Travel Companion)'s Earphone jack connected to Headset. EUT (Travel Companion)'s mini USB port connected to AC Adapter or Car Charger and Turn on GPS Receiver.

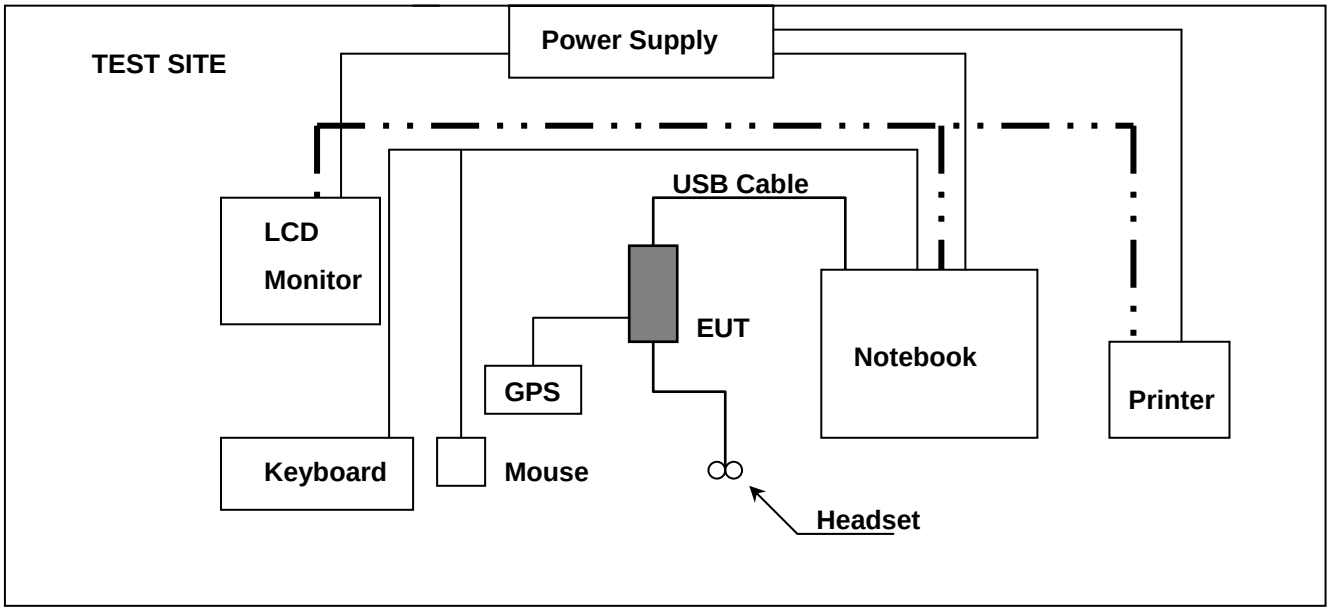


Figure 2. Configuration of System Under Test for PC USB Link

During testing (LINK & Stand by Mode) the EUT (Travel Companion)'s GPS antenna port was connected to GPS antenna and Turn on GPS Receiver. EUT (Travel Companion)'s Earphone jack connected to headset. EUT (Travel Companion)'s mini USB port connected to AE's Notebook.

A mouse was connected to the USB port of Notebook. And a keyboard & printer were connected to the USB ports of Notebook. An external LCD monitor connected the VGA port on AE' Notebook.

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 systems 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. 23, 2007	Mar. 23, 2008
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:

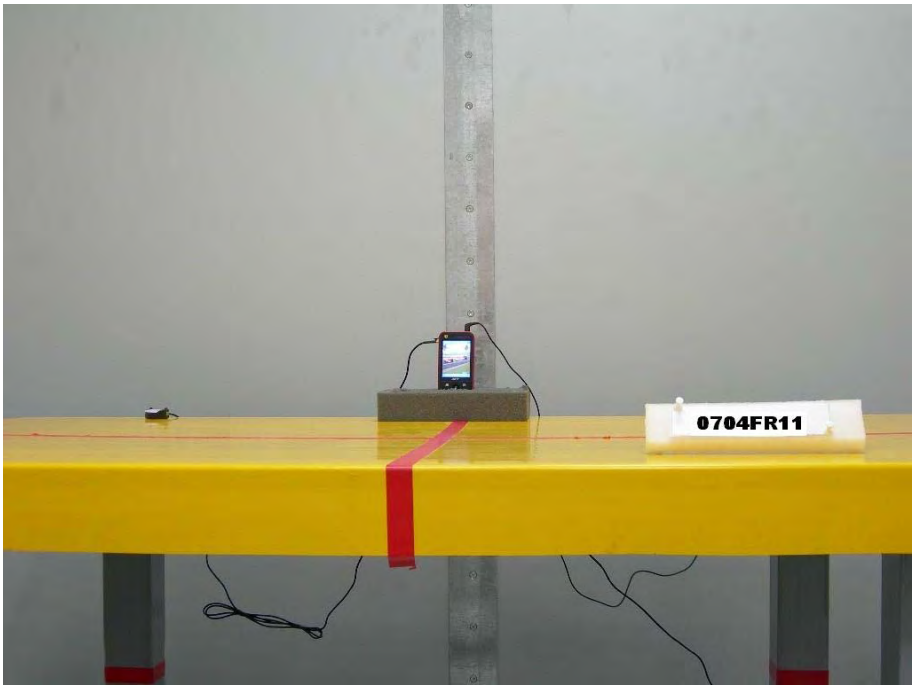


Figure 3. Front View of the Test Configuration

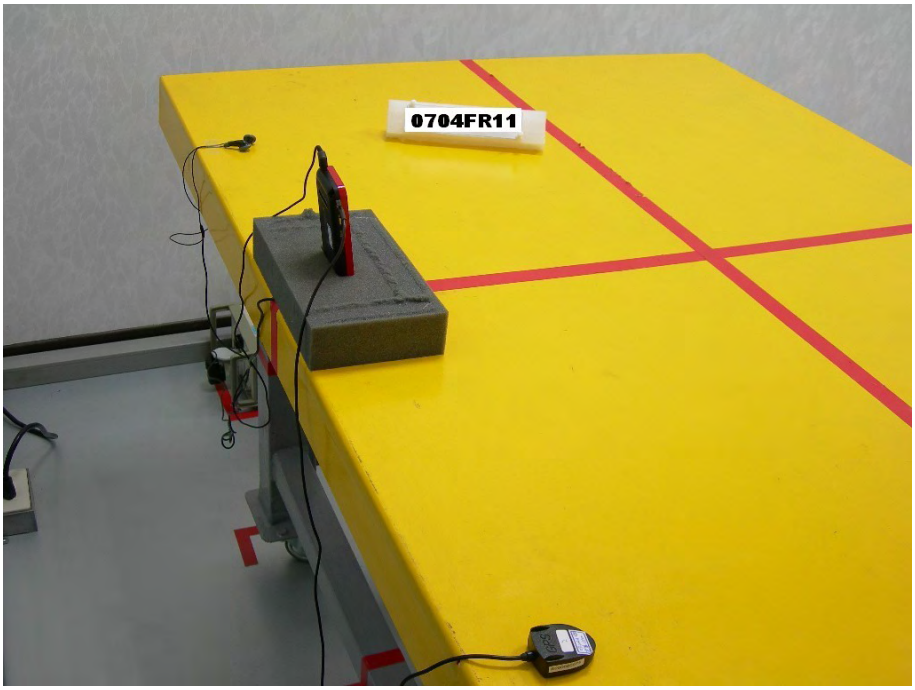


Figure 4. Rear View of the Test Configuration

Figure 5. Front View of the Test Configuration (PC USB Link)

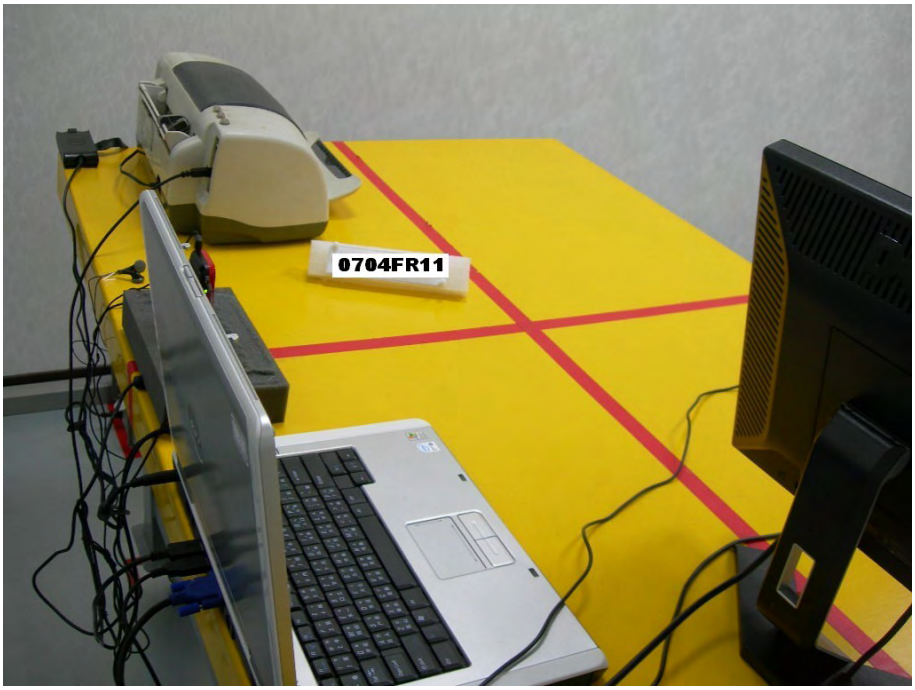


Figure 6. Rear View of the Test Configuration (PC USB Link)

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)

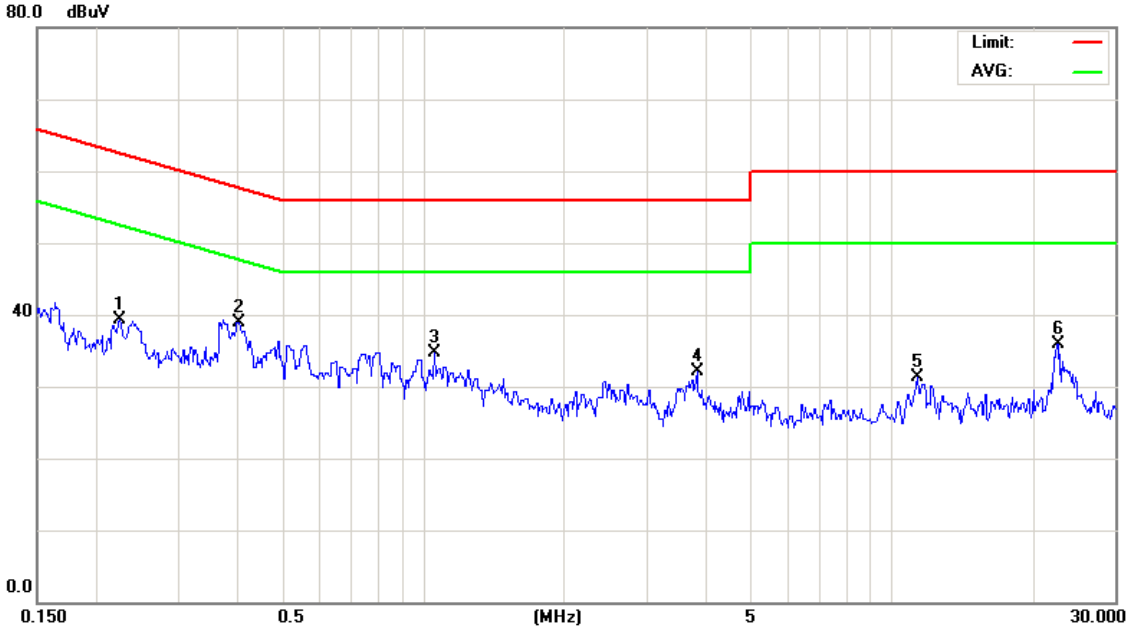
The following table show a summary of the highest emissions of power line conducted emissions to the HOT and NATURAL conductor of the EUT power.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : AC Adapter _ Stand by
Test Date : 03/21/2007
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 :C500 110V conducted(stan Data :#1 Date: 2007/3/21 Time: 上午 11:45:32



Site Site #1 Phase: L1 Temperature: 26 ℃

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

EUT: PHONE

M/N: c500

Mode: stand by

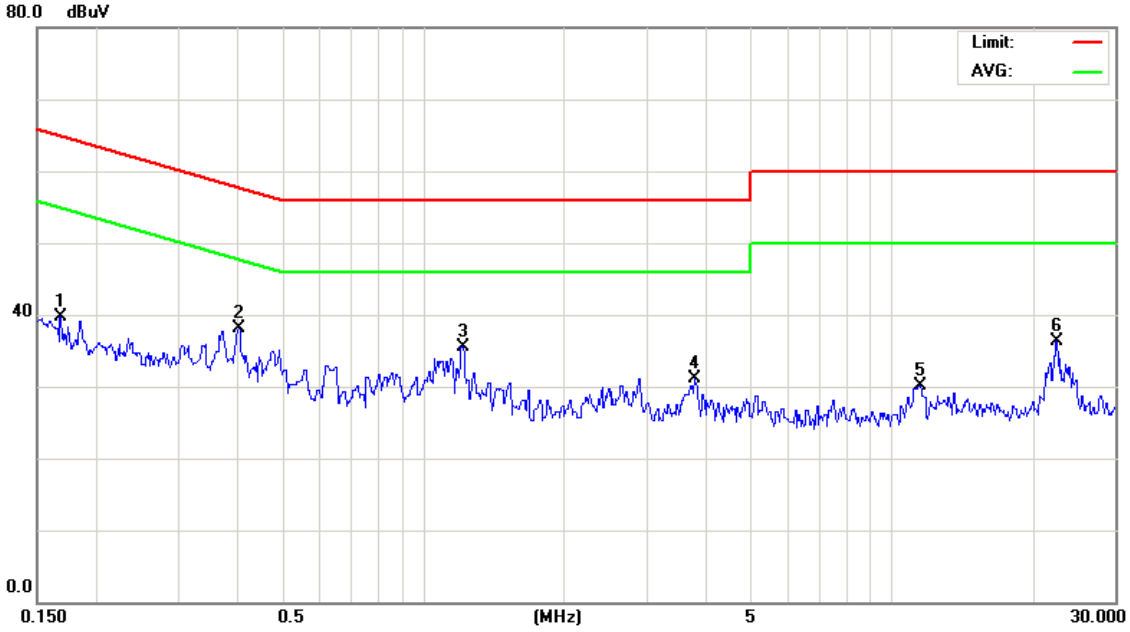
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2249	29.53	9.74	39.27	62.63	-23.36	peak	
2	*	0.4020	29.12	9.78	38.90	57.81	-18.91	peak	
3		1.0580	24.97	9.80	34.77	56.00	-21.23	peak	
4		3.8300	22.17	9.95	32.12	56.00	-23.88	peak	
5		11.3500	21.20	10.12	31.32	60.00	-28.68	peak	
6		22.5500	25.51	10.31	35.82	60.00	-24.18	peak	

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

Conducted Emission Measurement

File :C500 110V conducted(stan Data :#2 Date: 2007/3/21 Time: 上午 11:47:47



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

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

EUT: PHONE

M/N: c500

Mode: stand by

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1682	30.00	9.73	39.73	65.04	-25.31	peak	
2	*	0.4027	28.25	9.78	38.03	57.80	-19.77	peak	
3		1.2109	25.63	9.81	35.44	56.00	-20.56	peak	
4		3.7940	21.12	9.95	31.07	56.00	-24.93	peak	
5		11.4500	20.07	10.12	30.19	60.00	-29.81	peak	
6		22.4500	26.04	10.32	36.36	60.00	-23.64	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.

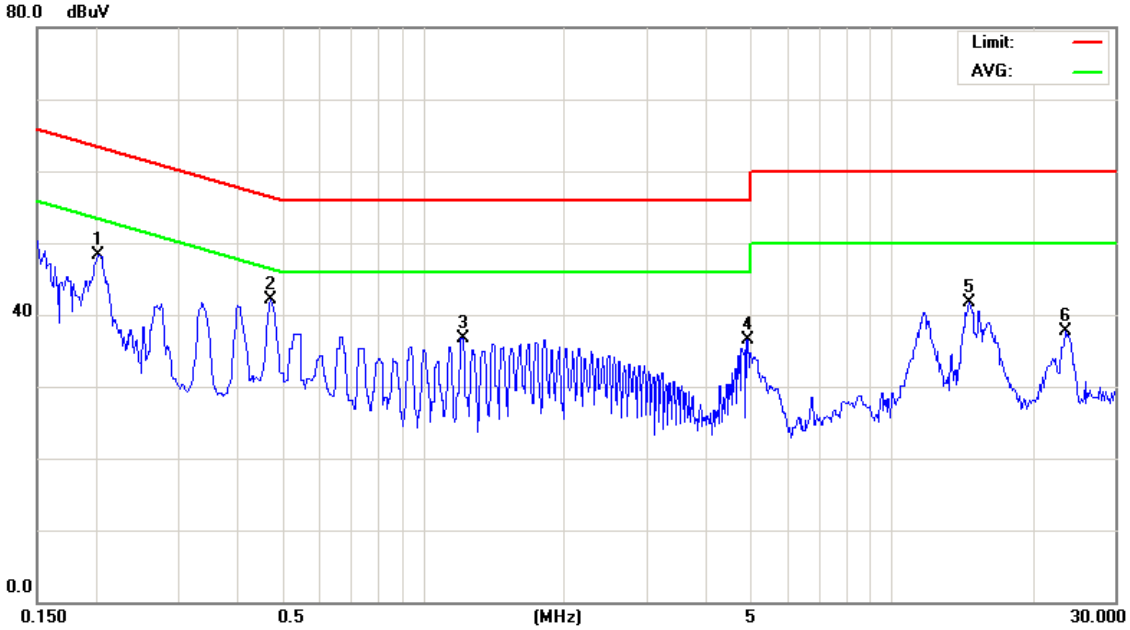
Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : PC USB LINK _ Stand by
Test Date : 04/01/2007
Please refer to next pager of detail testing data.

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 :C500(04-01-2007) Data :#1 Date: 2007-04-01 Time: 下午 03:11:46



Site Site #1 Phase: *L1* Temperature: 26 ℃

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

EUT: PDA

M/N: c500

Mode: Stand by

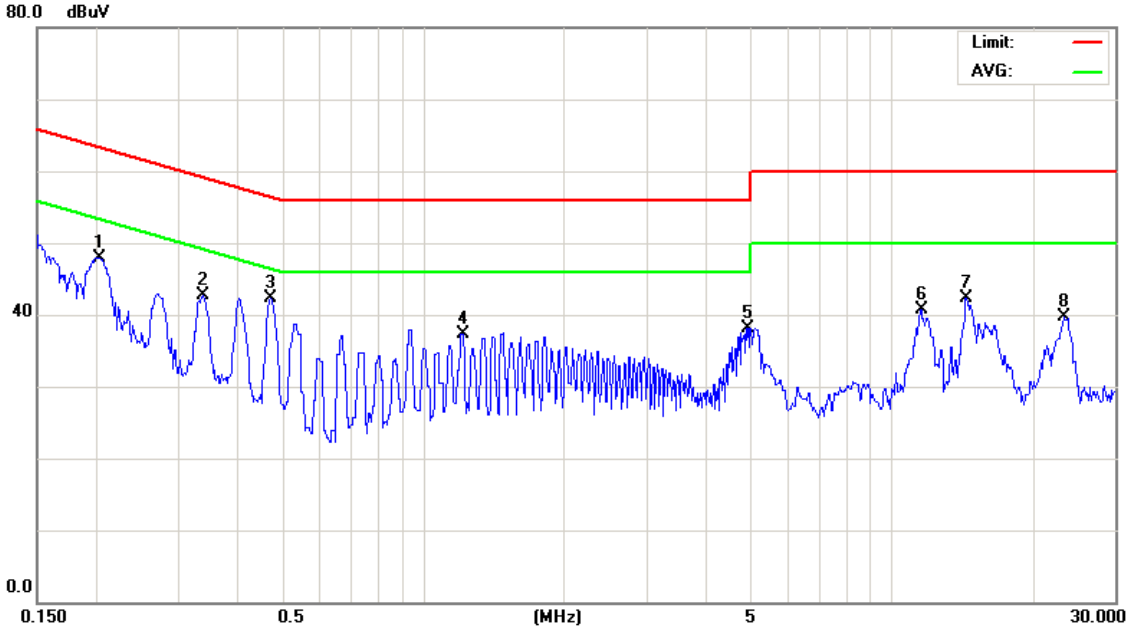
Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2025	38.61	9.74	48.35	63.50	-15.15	peak	
2	*	0.4712	32.38	9.78	42.16	56.49	-14.33	peak	
3		1.2109	26.88	9.81	36.69	56.00	-19.31	peak	
4		4.9009	26.41	10.06	36.47	56.00	-19.53	peak	
5		14.5998	31.45	10.20	41.65	60.00	-18.35	peak	
6		23.5000	27.38	10.34	37.72	60.00	-22.28	peak	

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

Conducted Emission Measurement

File :C500(04-01-2007) Data :#2 Date: 2007-04-01 Time: 下午 03:13:25



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

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

EUT: PDA

M/N: c500

Mode: Stand by

Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2031	38.19	9.74	47.93	63.48	-15.55	peak	
2		0.3382	32.87	9.78	42.65	59.25	-16.60	peak	
3	*	0.4717	32.59	9.78	42.37	56.48	-14.11	peak	
4		1.2109	27.58	9.81	37.39	56.00	-18.61	peak	
5		4.9009	28.09	10.06	38.15	56.00	-17.85	peak	
6		11.5000	30.55	10.12	40.67	60.00	-19.33	peak	
7		14.4000	32.09	10.20	42.29	60.00	-17.71	peak	
8		23.3000	29.39	10.36	39.75	60.00	-20.25	peak	

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

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 : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : AC Adapter _ Bluetooth2.0 CH00 (2402MHz)
Test Date : 03/21/2007

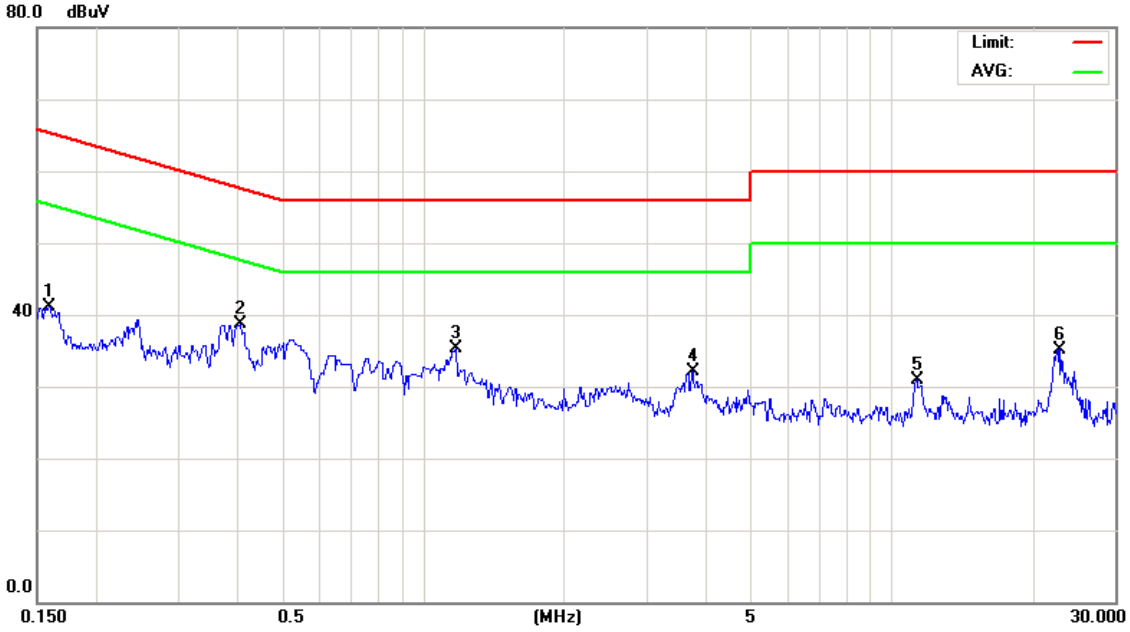
Please refer to next pager of detail testing data.

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 :C500 110V conducted(BT) Data :#1 Date: 2007/3/21 Time: 上午 12:11:27



Site Site #1 Phase: *L1* Temperature: 26 ℃

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

EUT: PHONE

M/N: c500

Mode: BT-CH00

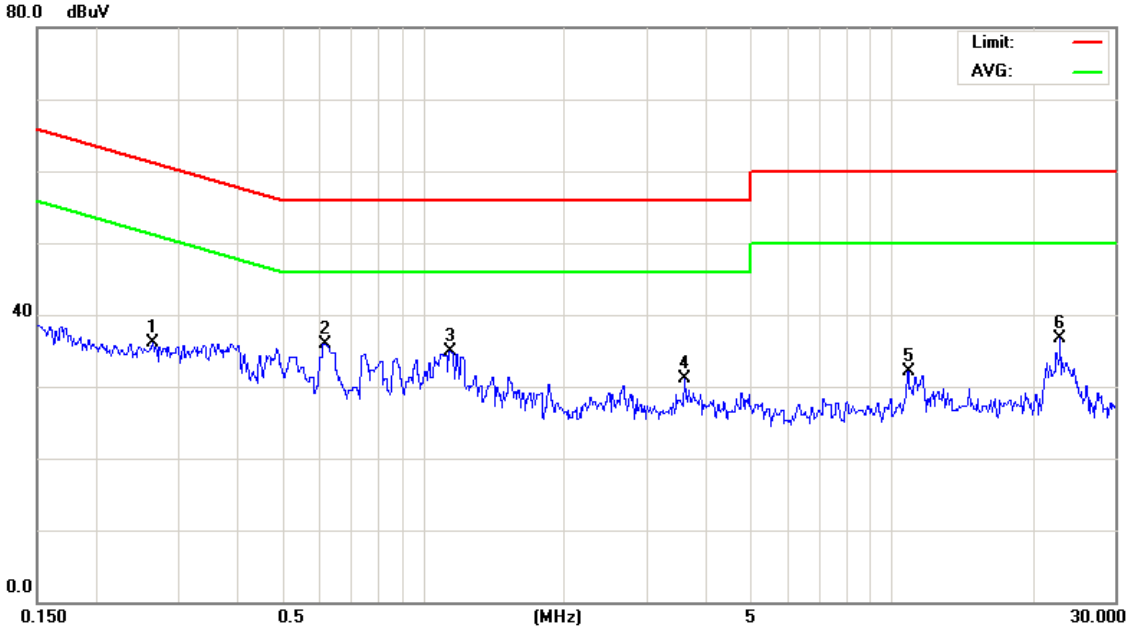
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1590	31.28	9.73	41.01	65.51	-24.50	peak	
2	*	0.4061	28.91	9.78	38.69	57.73	-19.04	peak	
3		1.1749	25.55	9.80	35.35	56.00	-20.65	peak	
4		3.7399	22.11	9.95	32.06	56.00	-23.94	peak	
5		11.3000	20.84	10.11	30.95	60.00	-29.05	peak	
6		22.8500	24.85	10.35	35.20	60.00	-24.80	peak	

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

Conducted Emission Measurement

File :C500 110V conducted(BT) Data :#2 Date: 2007/3/21 Time: 上午 12:16:14



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

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

EUT: PHONE

M/N: c500

Mode: BT-CH00

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2641	26.27	9.75	36.02	61.30	-25.28	peak	
2	*	0.6169	26.13	9.79	35.92	56.00	-20.08	peak	
3		1.1389	25.04	9.80	34.84	56.00	-21.16	peak	
4		3.6049	21.20	9.93	31.13	56.00	-24.87	peak	
5		10.8000	22.02	10.07	32.09	60.00	-27.91	peak	
6		22.8500	26.42	10.35	36.77	60.00	-23.23	peak	

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

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 : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : PC USB Link _ Bluetooth 2.0 CH00 (2402MHz)
Test Date : 04/01/2007

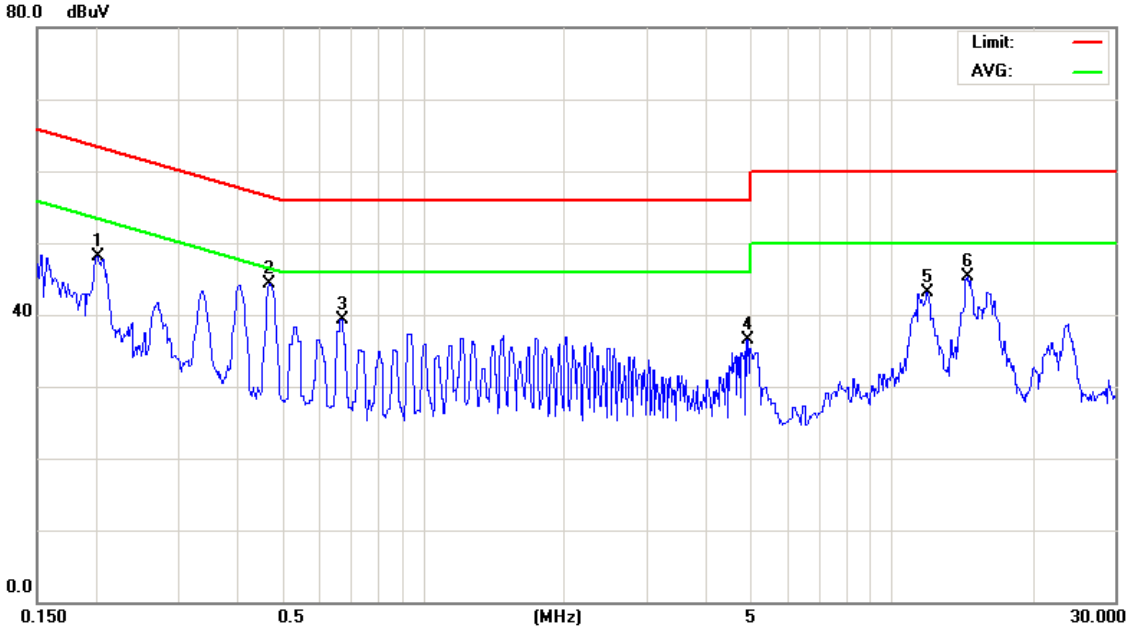
Please refer to next pager of detail testing data.

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 :C500(04-01-2007) Data :#7 Date: 2007-04-01 Time: 下午 03:28:35



Site Site #1 Phase: *L1* Temperature: 26 ℃

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

EUT: PDA

M/N: c500

Mode: BT-CH00

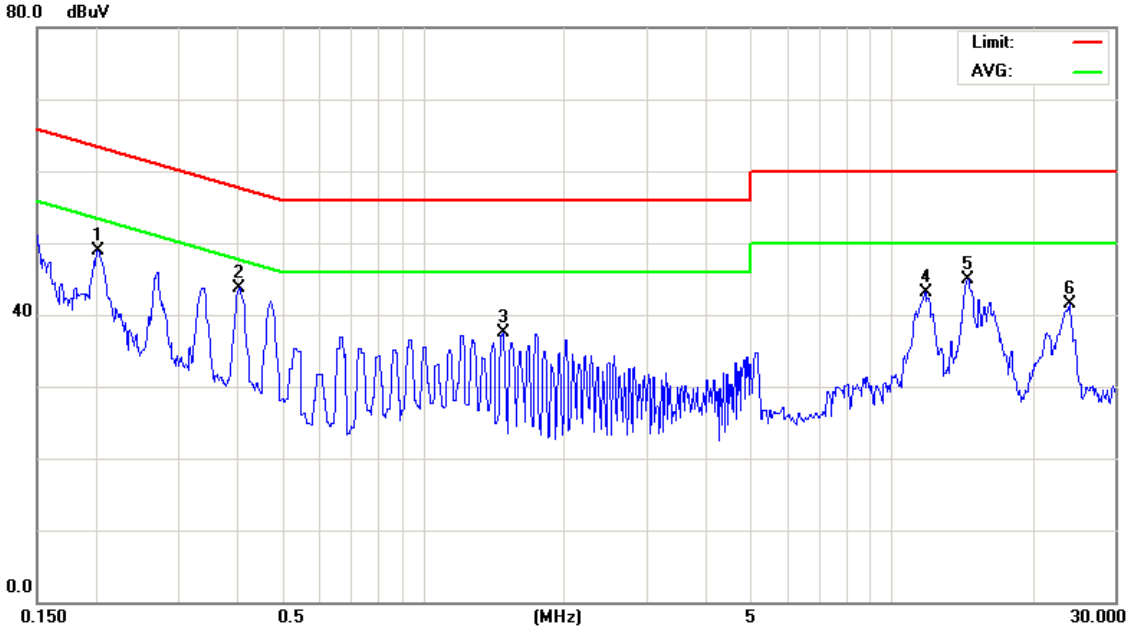
Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2011	38.28	9.74	48.02	63.56	-15.54	peak	
2	*	0.4682	34.62	9.78	44.40	56.55	-12.15	peak	
3		0.6710	29.45	9.79	39.24	56.00	-16.76	peak	
4		4.9009	26.40	10.06	36.46	56.00	-19.54	peak	
5		11.9000	32.88	10.13	43.01	60.00	-16.99	peak	
6		14.5000	35.12	10.20	45.32	60.00	-14.68	peak	

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

Conducted Emission Measurement

File :C500(04-01-2007) Data :#8 Date: 2007-04-01 Time: 下午 03:31:41



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

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

EUT: PDA

M/N: c500

Mode: BT-CH00

Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2011	39.24	9.74	48.98	63.56	-14.58	peak	
2	*	0.4040	33.90	9.78	43.68	57.77	-14.09	peak	
3		1.4809	27.61	9.81	37.42	56.00	-18.58	peak	
4		11.7500	32.94	10.12	43.06	60.00	-16.94	peak	
5		14.5000	34.71	10.20	44.91	60.00	-15.09	peak	
6		23.9496	31.26	10.30	41.56	60.00	-18.44	peak	

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

2.6.5 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 : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : AC Adapter _ Bluetooth EDR CH00 (2402MHz)
Test Date : 03/21/2007

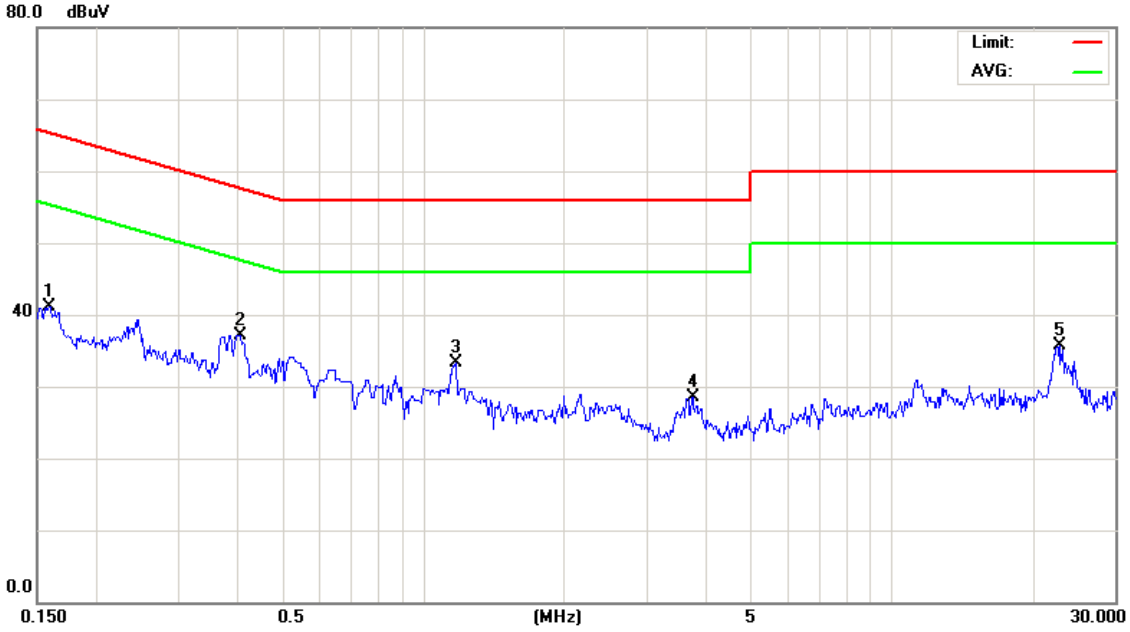
Please refer to next pager of detail testing data.

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 :C500 110V conducted(BT E Data :#1 Date: 2007/3/21 Time: 上午 11:50:27



Site Site #1 Phase: L1 Temperature: 26 ℃

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

EUT: PHONE

M/N: c500

Mode: BT EDR-CH00

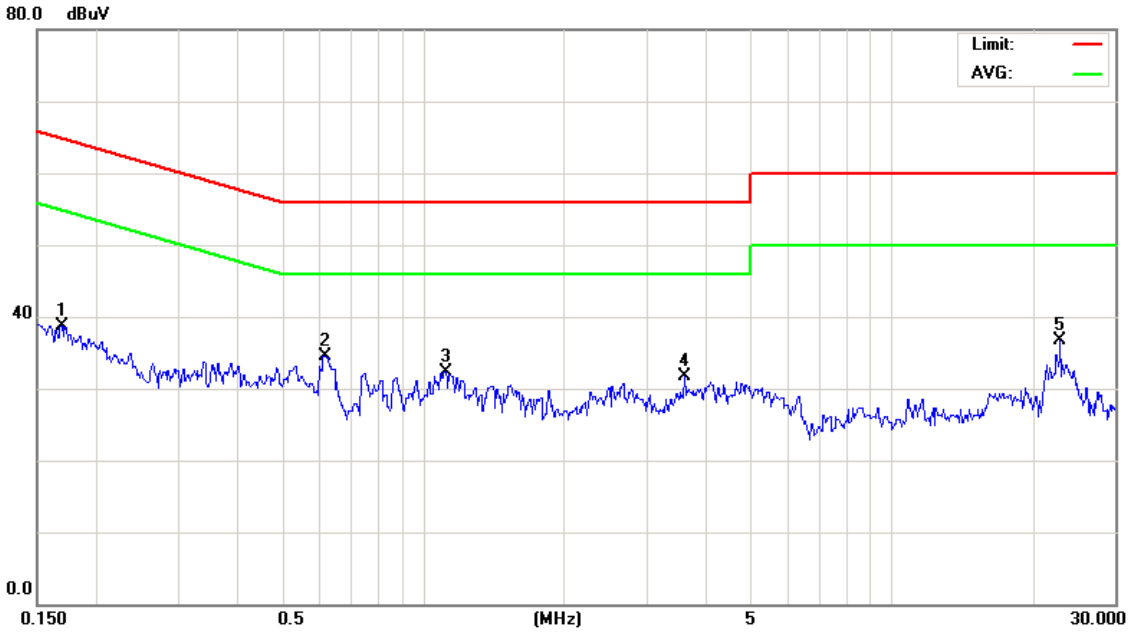
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1590	31.28	9.73	41.01	65.51	-24.50	peak	
2	*	0.4061	27.41	9.78	37.19	57.73	-20.54	peak	
3		1.1749	23.55	9.80	33.35	56.00	-22.65	peak	
4		3.7399	18.61	9.95	28.56	56.00	-27.44	peak	
5		22.8500	25.35	10.35	35.70	60.00	-24.30	peak	

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

Conducted Emission Measurement

File :C500 110V conducted(BT E Data :#2 Date: 2007/3/21 Time: 上午 11:52:08



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

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

EUT: PHONE

M/N: c500

Mode: BT EDR-CH00

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1688	29.05	9.73	38.78	65.01	-26.23	peak	
2	*	0.6169	24.63	9.79	34.42	56.00	-21.58	peak	
3		1.1119	22.43	9.80	32.23	56.00	-23.77	peak	
4		3.6049	21.70	9.93	31.63	56.00	-24.37	peak	
5		22.8500	26.42	10.35	36.77	60.00	-23.23	peak	

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

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 : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : PC USB Link _ Bluetooth EDR CH00 (2402MHz)
Test Date : 04/01/2007

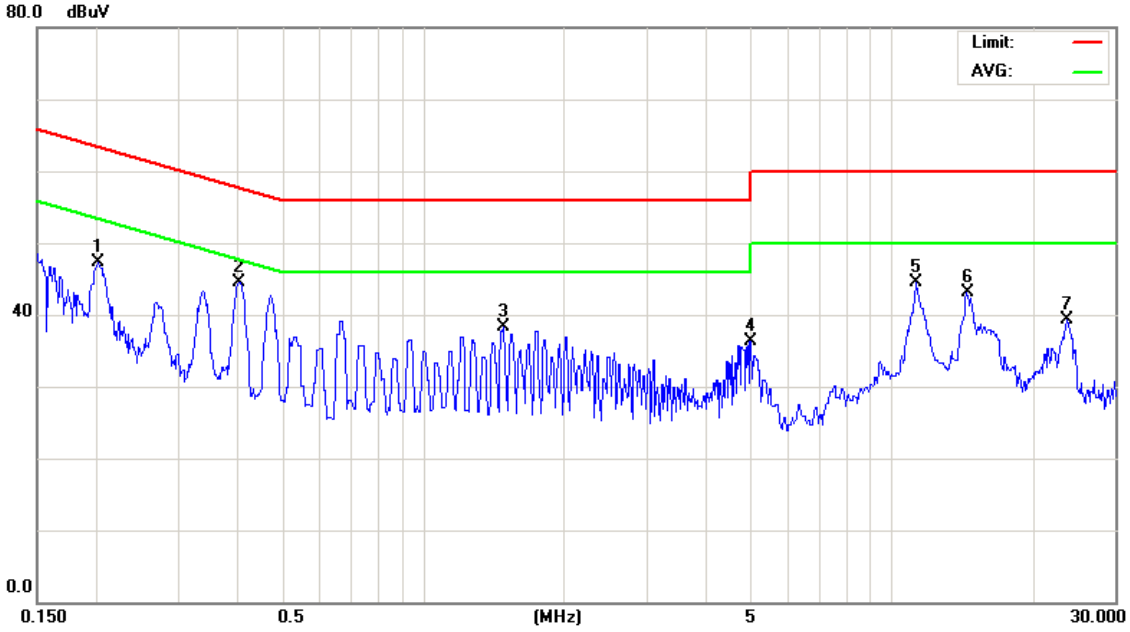
Please refer to next pager of detail testing data.

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 :C500(04-01-2007) Data :#9 Date: 2007-04-01 Time: 下午 03:36:28



Site Site #1 Phase: *L1* Temperature: 26 ℃

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

EUT: PDA

M/N: c500

Mode: BT EDR-CH00

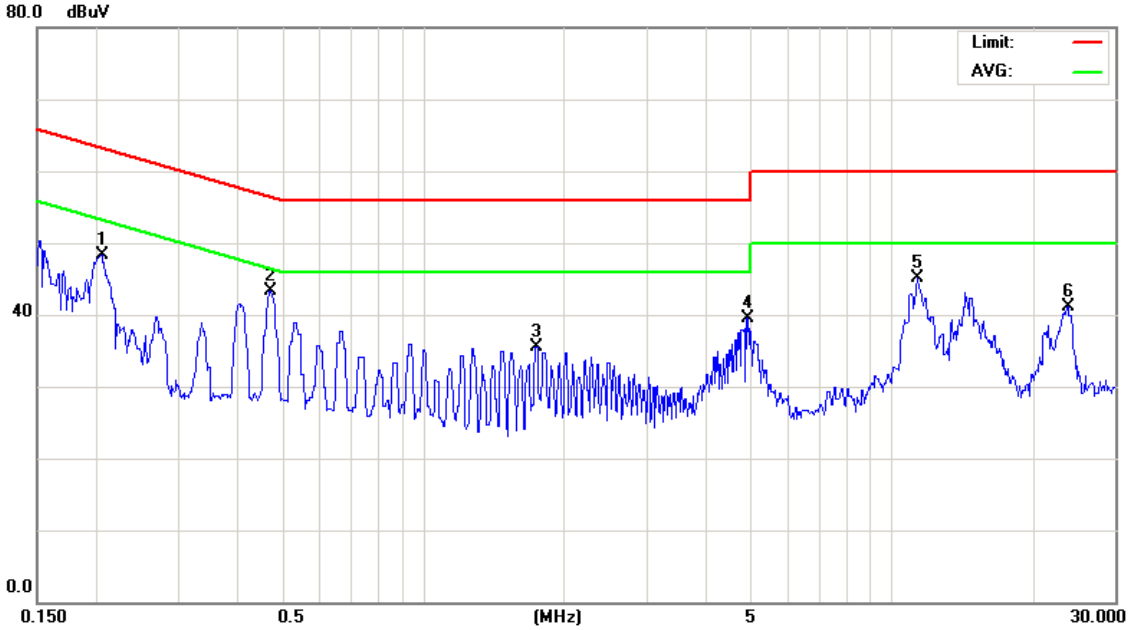
Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2025	37.52	9.74	47.26	63.50	-16.24	peak	
2	*	0.4032	34.77	9.78	44.55	57.79	-13.24	peak	
3		1.4809	28.56	9.81	38.37	56.00	-17.63	peak	
4		5.0000	26.25	10.08	36.33	56.00	-19.67	peak	
5		11.2500	34.40	10.11	44.51	60.00	-15.49	peak	
6		14.4497	32.98	10.20	43.18	60.00	-16.82	peak	
7		23.6000	28.92	10.33	39.25	60.00	-20.75	peak	

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

Conducted Emission Measurement

File :C500(04-01-2007) Data :#10 Date: 2007-04-01 Time: 下午 03:41:53



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

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

EUT: PDA

M/N: c500

Mode: BT EDR-CH00

Note: PC LINK

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2053	38.55	9.74	48.29	63.39	-15.10	peak	
2	*	0.4726	33.54	9.78	43.32	56.47	-13.15	peak	
3		1.7419	25.73	9.82	35.55	56.00	-20.45	peak	
4		4.9009	29.39	10.06	39.45	56.00	-16.55	peak	
5		11.3498	34.89	10.12	45.01	60.00	-14.99	peak	
6		23.6497	30.80	10.33	41.13	60.00	-18.87	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 transmit continuously & Measurements spectrum range from 30 MHz to 26.5 GHz is investigated.

For measurements below 1 GHz the resolution bandwidth is set to 100 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 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	Apr. 27, 2006	Apr. 26, 2007
Pre Amplifier	Agilent	8449B	3008A02237	May. 03, 2006	May. 02, 2007
Pre Amplifier	Agilent	8447D	2944A10961	Aug. 07, 2006	Aug. 07, 2007
Test Receiver	R&S	ESCI	100367	May. 03, 2006	May. 02, 2007
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Jun. 26, 2006	Jun. 25, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2006	Jun. 25, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	May. 02, 2006	May. 01, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jul. 29, 2006	Jul. 29, 2007

3.3 Test Configuration:

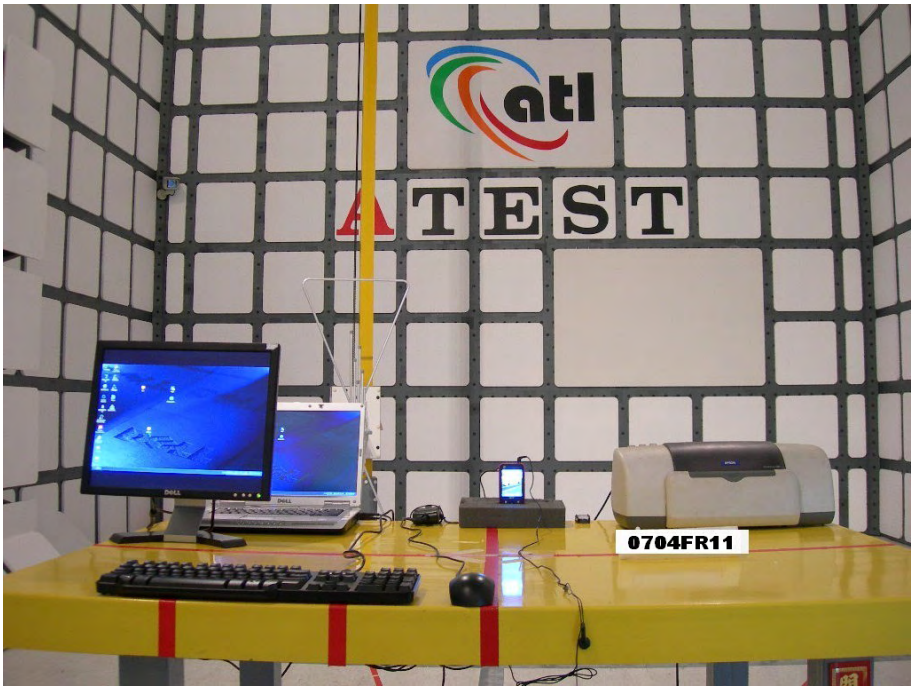


Figure 7. Front View of the Test Configuration

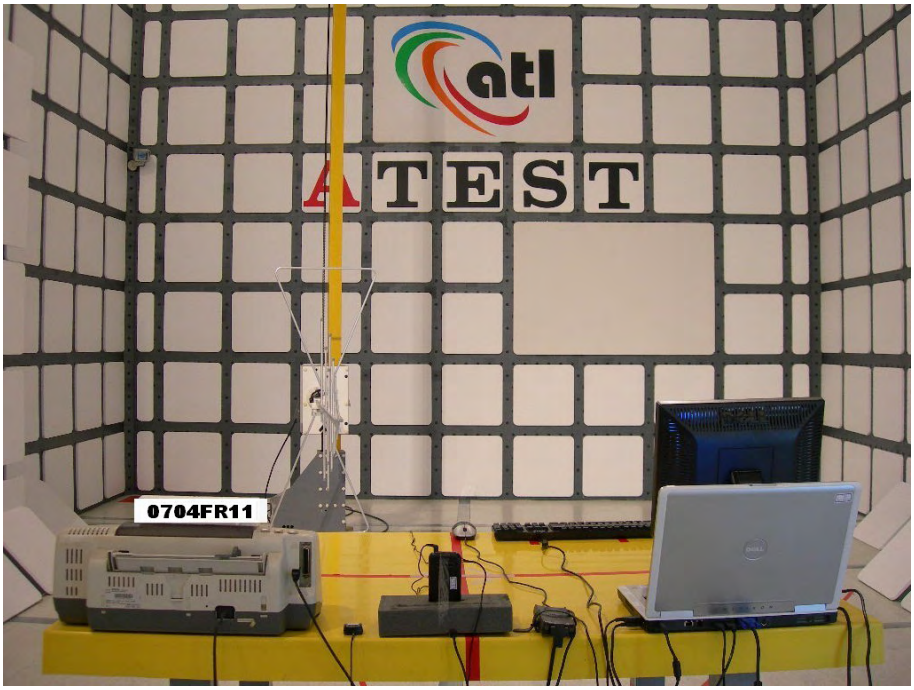


Figure 8. Rear View of the Test Configuration

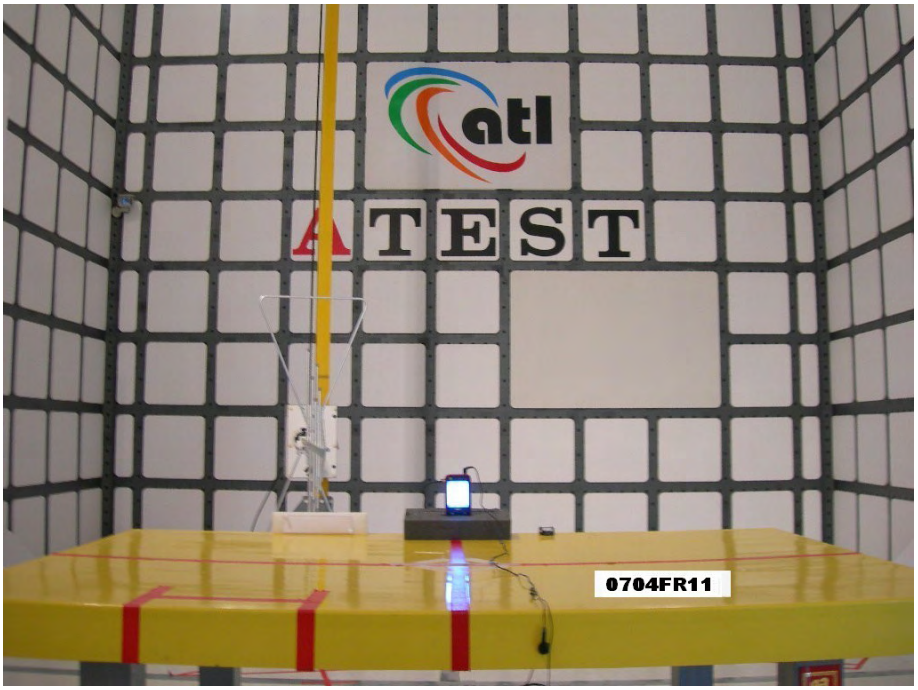


Figure 9. Front View of the Test Configuration

Figure 10. Rear View of the Test Configuration

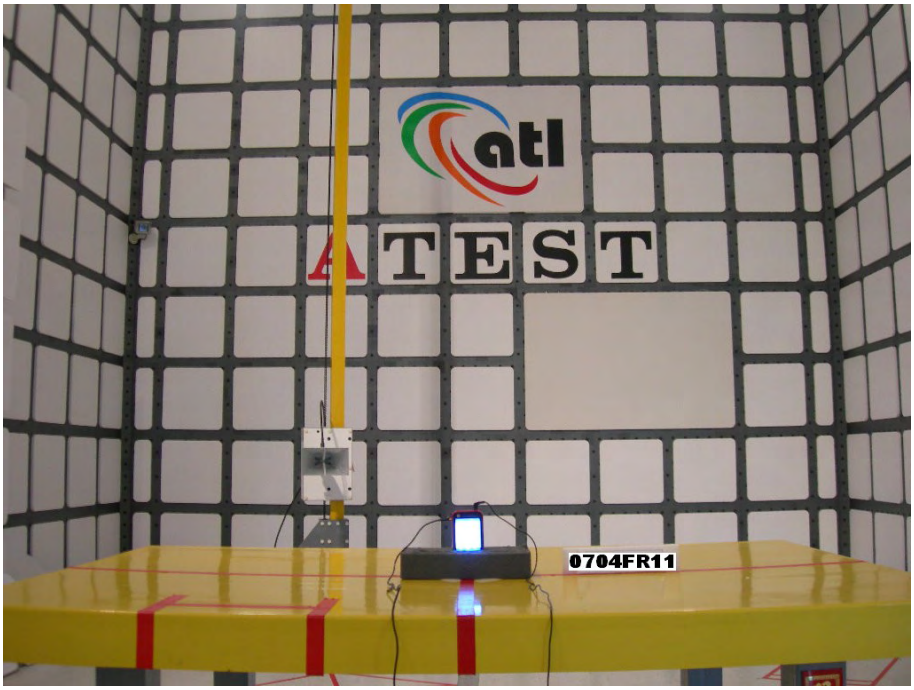


Figure 11. Front View of the Test Configuration

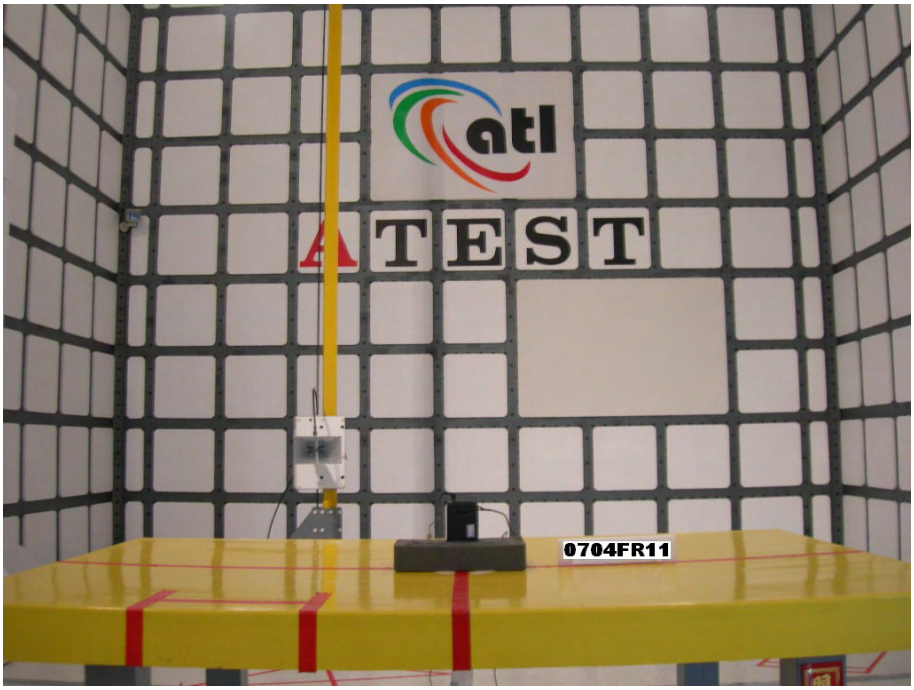


Figure 12. Rear View of the Test Configuration

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 C)

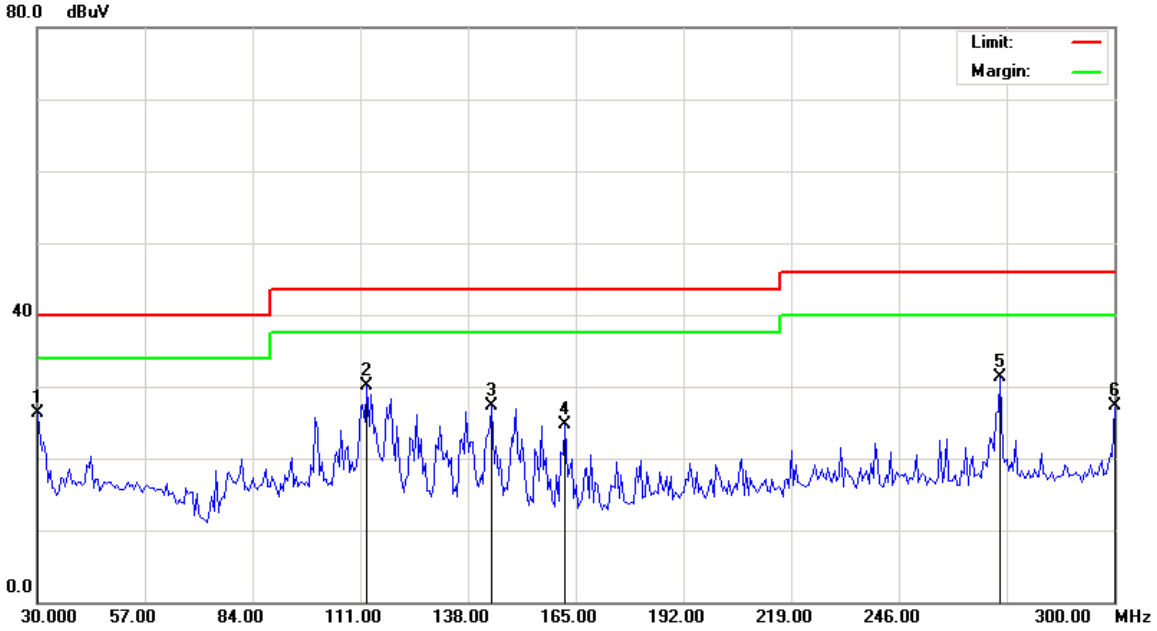
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Run H & EMI testing software
Test Date : 03/20/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-20-2007)(GPS) Data :#5 Date: 2007/03/20 Time: 下午 09:22:17



Site Site #1
Limit: FCC Class B 3M Radiation
EUT:
M/N: C500
Mode:
Note: Run H & EMI testing software

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

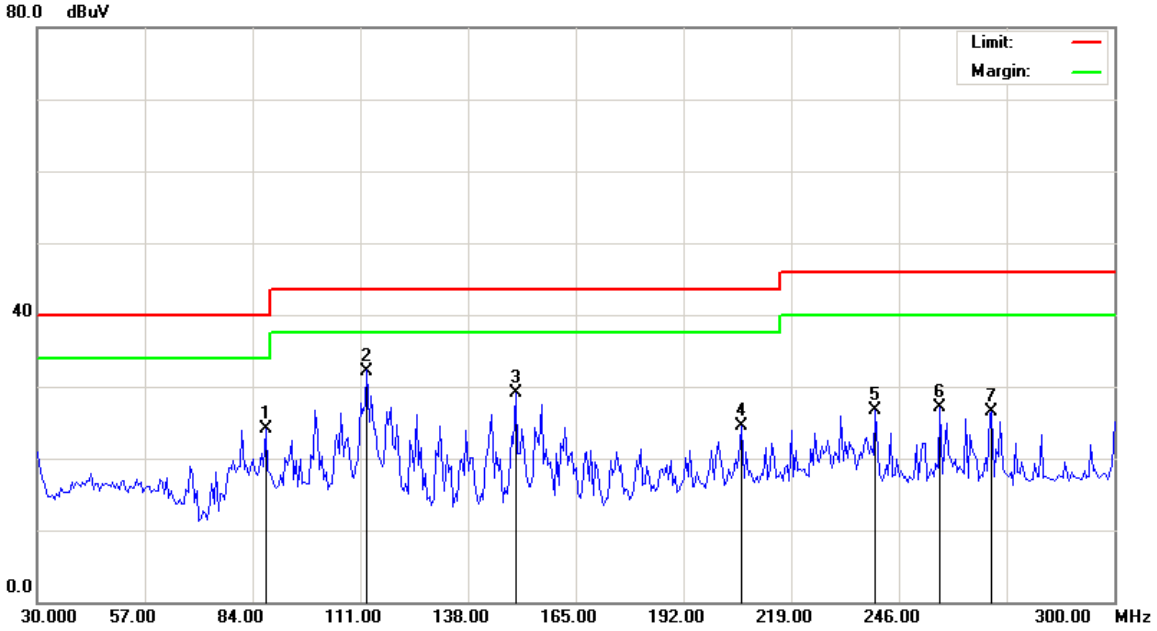
Temperature: 22 ℃
Humidity: 60 %

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		30.0000	39.76	-13.49	26.27	40.00	-13.73	peak			
2	*	112.6200	43.06	-12.94	30.12	43.50	-13.38	peak			
3		143.9399	43.49	-16.22	27.27	43.50	-16.23	peak			
4		162.3000	40.04	-15.40	24.64	43.50	-18.86	peak			
5		271.3798	42.18	-10.90	31.28	46.00	-14.72	peak			
6		300.0000	37.38	-9.98	27.40	46.00	-18.60	peak			

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

Radiated Emission Measurement

File :C500(03-20-2007)(GPS) Data :#7 Date: 2007/03/20 Time: 下午 09:30:47



Site Site #1
Limit: FCC Class B 3M Radiation
EUT:
M/N: C500
Mode:
Note: Run H & EMI testing software

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

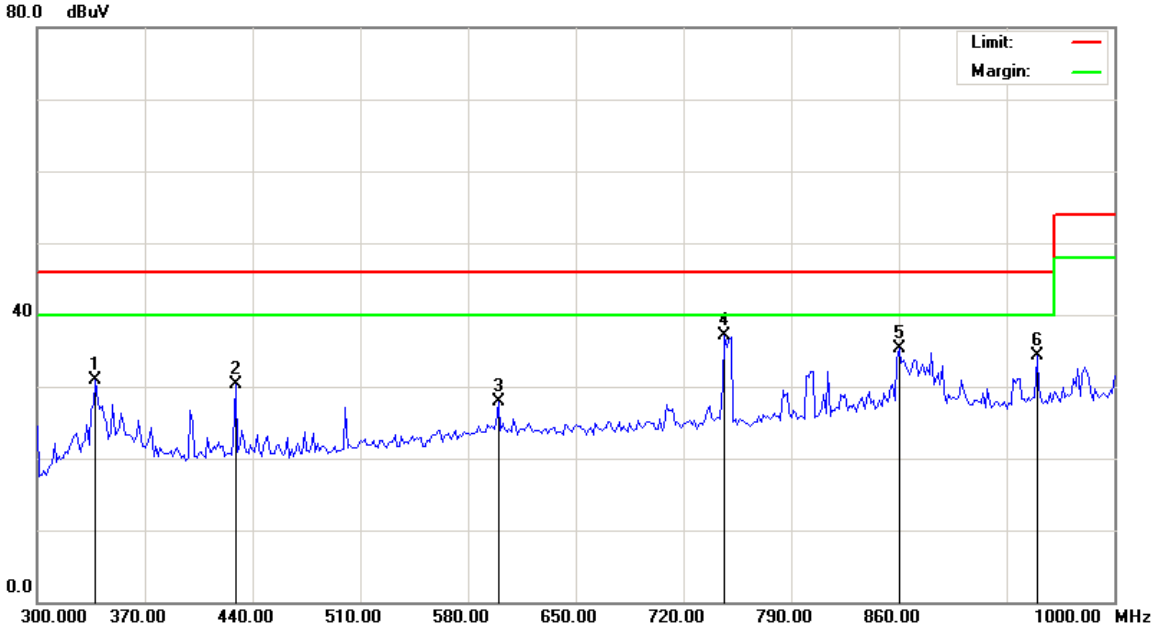
Temperature: 22 ℃
Humidity: 60 %

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		87.2399	38.22	-14.04	24.18	40.00	-15.82	peak			
2	*	112.6200	45.14	-12.94	32.20	43.50	-11.30	peak			
3		149.8799	45.09	-16.01	29.08	43.50	-14.42	peak			
4		206.5800	37.39	-12.96	24.43	43.50	-19.07	peak			
5		240.0600	38.18	-11.43	26.75	46.00	-19.25	peak			
6		256.2599	38.19	-11.17	27.02	46.00	-18.98	peak			
7		269.2200	37.39	-10.94	26.45	46.00	-19.55	peak			

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

Radiated Emission Measurement

File :C500(03-20-2007)(GPS) Data :#6 Date: 2007/03/20 Time: 下午 09:26:32



Site Site #1
Limit: FCC Class B 3M Radiation
EUT:
M/N: C500
Mode:
Note: Run H & EMI testing software

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

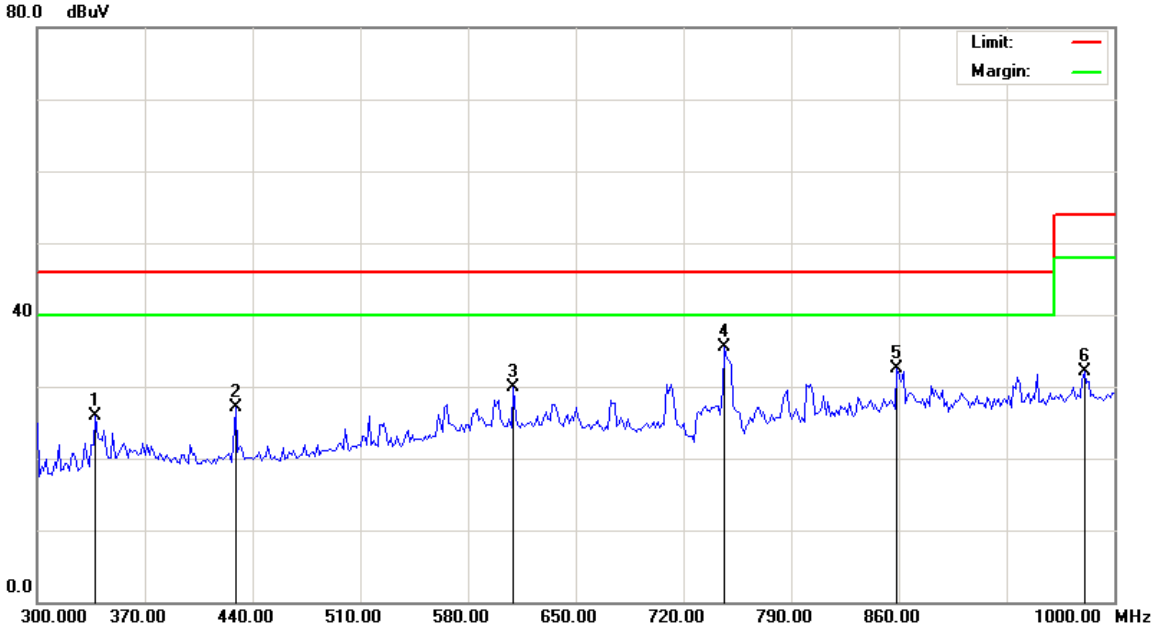
Temperature: 22 ℃
Humidity: 60 %

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		337.8000	40.00	-9.09	30.91	46.00	-15.09	peak			
2		428.8000	38.33	-8.05	30.28	46.00	-15.72	peak			
3		599.6000	32.82	-4.91	27.91	46.00	-18.09	peak			
4	*	746.6000	40.18	-3.11	37.07	46.00	-8.93	peak			
5		860.0000	36.35	-1.03	35.32	46.00	-10.68	peak			
6		949.6000	34.16	0.21	34.37	46.00	-11.63	peak			

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

Radiated Emission Measurement

File :C500(03-20-2007)(GPS) Data :#8 Date: 2007/03/20 Time: 下午 09:35:03



Site Site #1
Limit: FCC Class B 3M Radiation
EUT:
M/N: C500
Mode:
Note: Run H & EMI testing software

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		337.8000	35.01	-9.09	25.92	46.00	-20.08	peak			
2		428.8000	35.22	-8.05	27.17	46.00	-18.83	peak			
3		609.4000	34.51	-4.61	29.90	46.00	-16.10	peak			
4	*	746.6000	38.58	-3.11	35.47	46.00	-10.53	peak			
5		858.6000	33.60	-1.12	32.48	46.00	-13.52	peak			
6		980.4000	31.56	0.45	32.01	54.00	-21.99	peak			

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

3.6.2 Open Field Radiated Emissions (Subpart C)

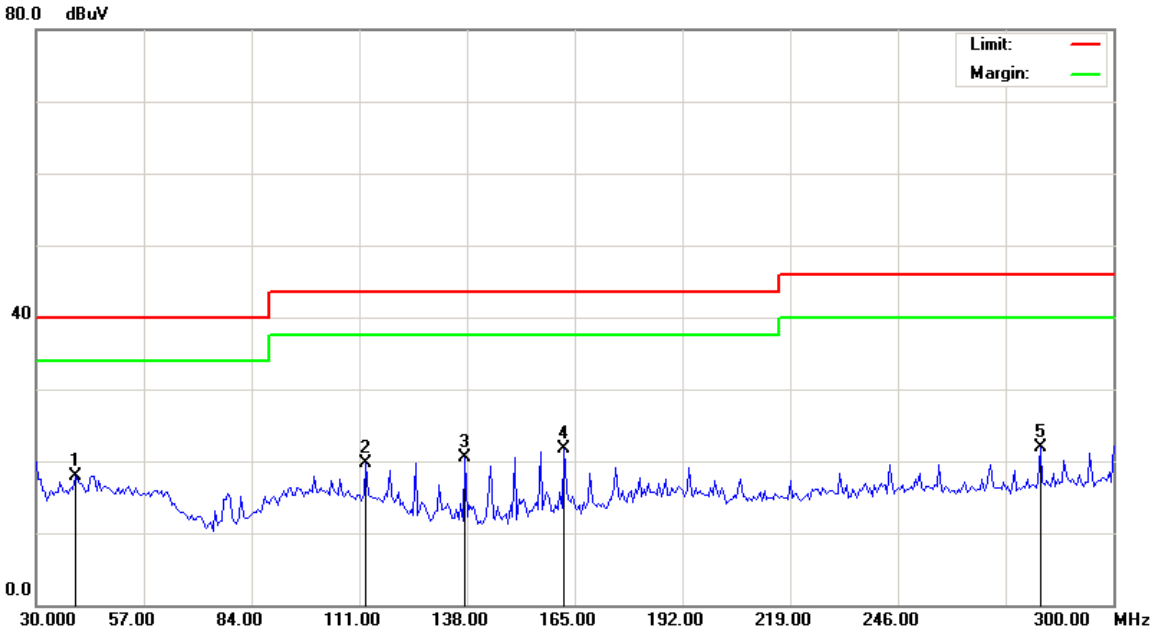
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth 2.0 CH00 2402.000 (Local Frequency: 2402.000 MHz)
Test Date : 03/21 ~ 03/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#1 Date: 2007/03/21 Time: 下午 08:47:06



Site 966半電波暗室 Polarization: ***Vertical*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2402MHz

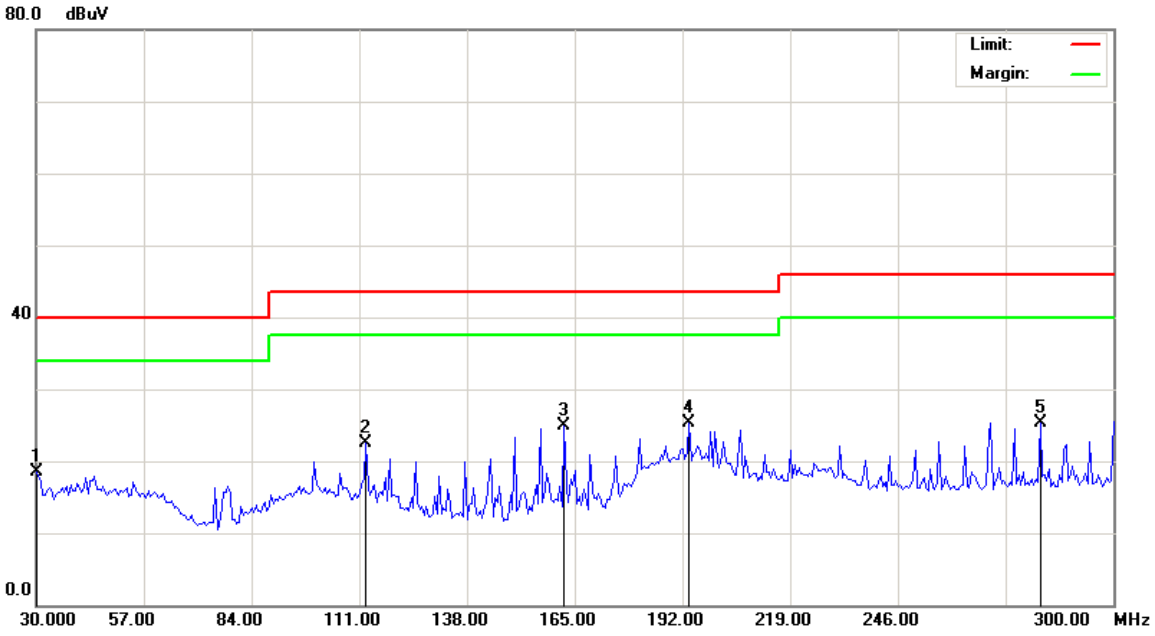
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		39.7199	29.90	-11.96	17.94	40.00	-22.06	peak	
2		112.6200	32.75	-12.95	19.80	43.50	-23.70	peak	
3		137.4600	36.61	-16.16	20.45	43.50	-23.05	peak	
4	*	162.3000	37.06	-15.40	21.66	43.50	-21.84	peak	
5		281.6399	32.31	-10.37	21.94	46.00	-24.06	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#3 Date: 2007/03/21 Time: 下午 08:55:37



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2402MHz

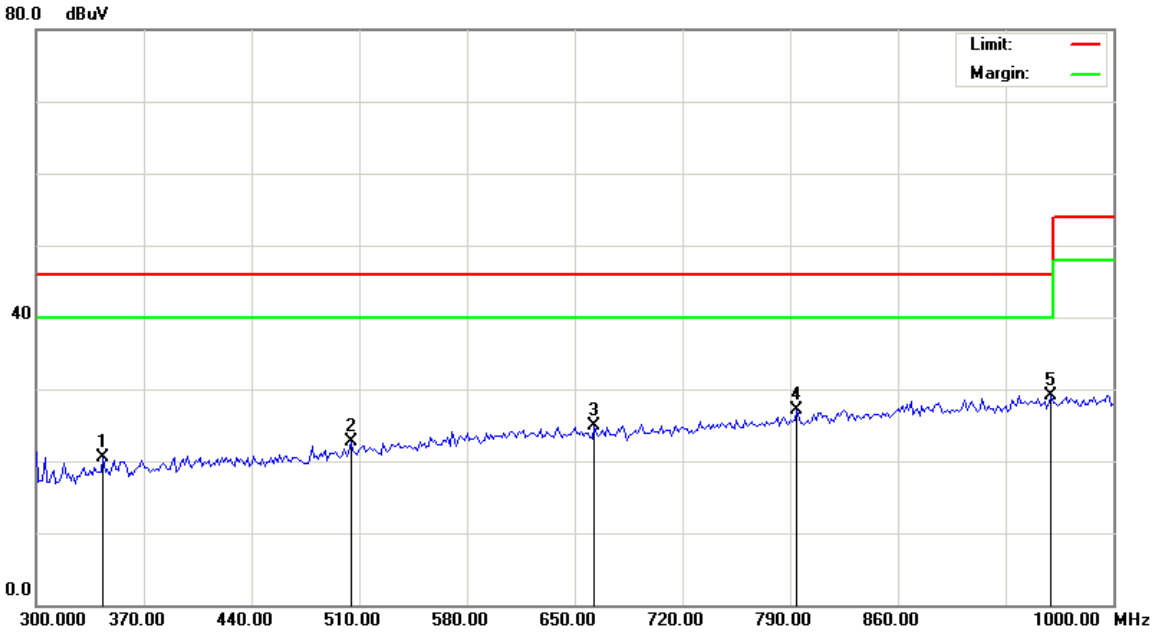
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		30.0000	32.08	-13.49	18.59	40.00	-21.41	peak	
2		112.6200	35.41	-12.95	22.46	43.50	-21.04	peak	
3		162.3000	40.37	-15.40	24.97	43.50	-18.53	peak	
4	*	193.6200	38.49	-13.17	25.32	43.50	-18.18	peak	
5		281.6399	35.62	-10.37	25.25	46.00	-20.75	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#2 Date: 2007/03/21 Time: 下午 08:51:22



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2402MHz

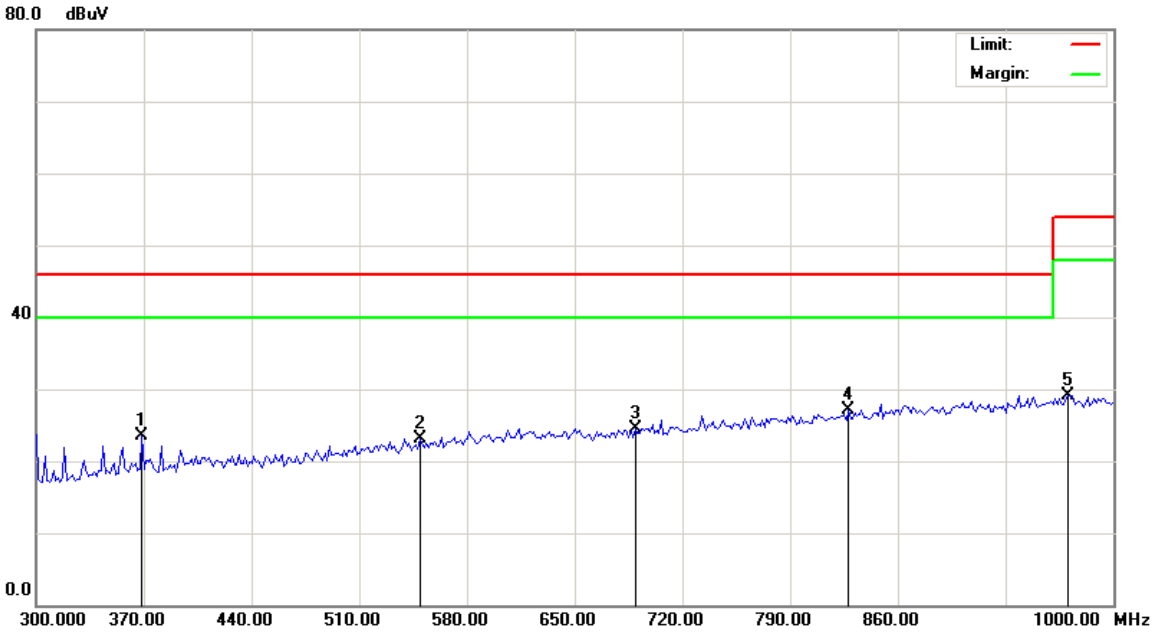
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		343.3999	29.62	-9.04	20.58	46.00	-25.42	peak	
2		504.3999	29.55	-6.79	22.76	46.00	-23.24	peak	
3		662.6000	29.37	-4.39	24.98	46.00	-21.02	peak	
4		794.2000	29.41	-2.34	27.07	46.00	-18.93	peak	
5	*	959.3999	28.73	0.41	29.14	46.00	-16.86	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#4 Date: 2007/03/21 Time: 下午 08:59:53



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2402MHz

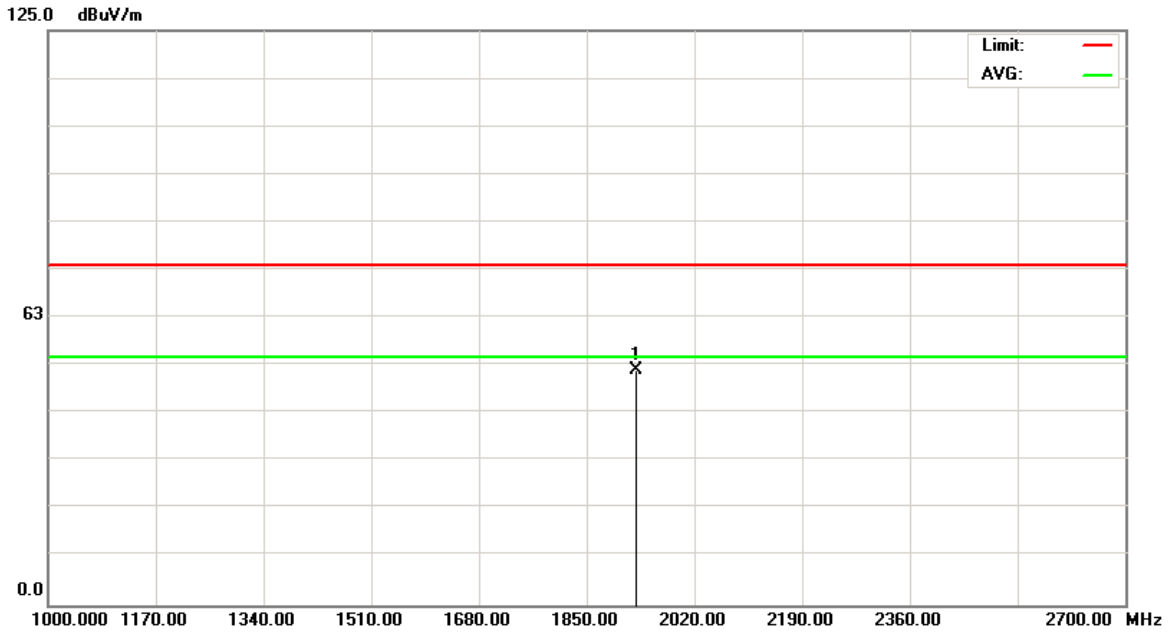
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	32.14	-8.70	23.44	46.00	-22.56	peak	
2		549.2000	29.06	-6.01	23.05	46.00	-22.95	peak	
3		689.2000	28.75	-4.25	24.50	46.00	-21.50	peak	
4	*	827.8000	28.61	-1.54	27.07	46.00	-18.93	peak	
5		970.6000	28.44	0.72	29.16	54.00	-24.84	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#1 Date: 2007/03/22 Time: 下午 02:15:31



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2402MHz

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

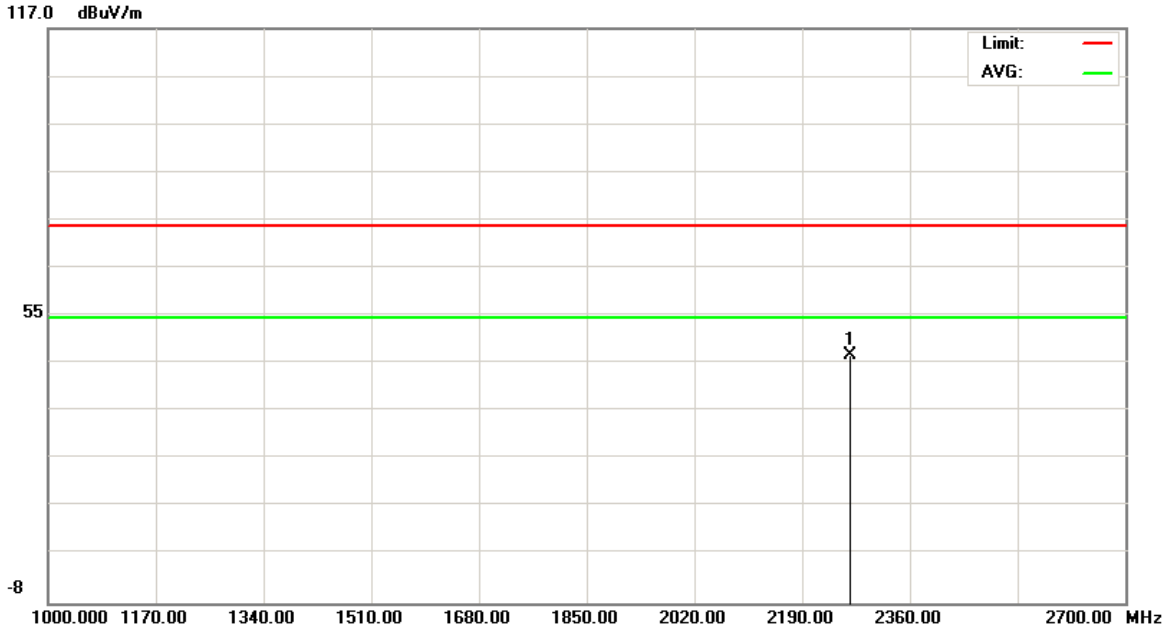
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	1928.200	53.28	-2.18	51.10	74.00	-22.90	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#3 Date: 2007/03/22 Time: 下午 02:20:26



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2402MHz

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

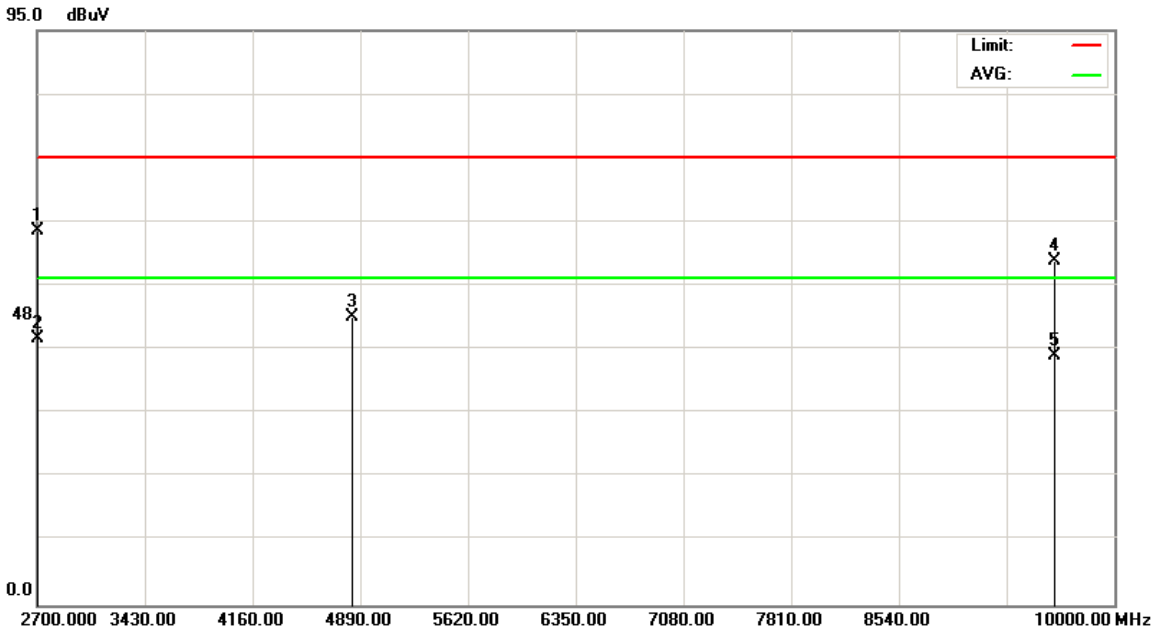
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2264.800	45.37	0.44	45.81	74.00	-28.19	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#5 Date: 2007/03/22 Time: 下午 03:36:54



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2402MHz

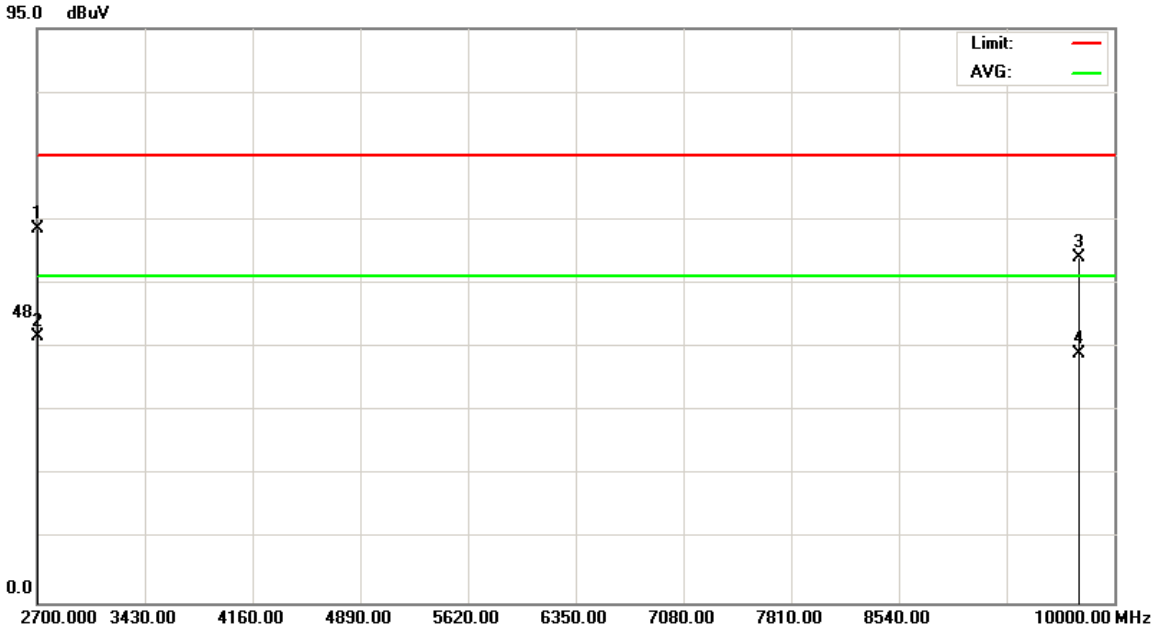
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.20	22.58	61.78	74.00	-12.22	peak	
2	*	2700.000	21.40	22.58	43.98	54.00	-10.02	AVG	
3		4835.250	39.93	7.61	47.54	74.00	-26.46	peak	
4		9598.500	39.36	17.41	56.77	74.00	-17.23	peak	
5		9598.500	23.85	17.41	41.26	54.00	-12.74	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#7 Date: 2007/03/22 Time: 下午 03:40:05



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT 1

Note: 2402MHz

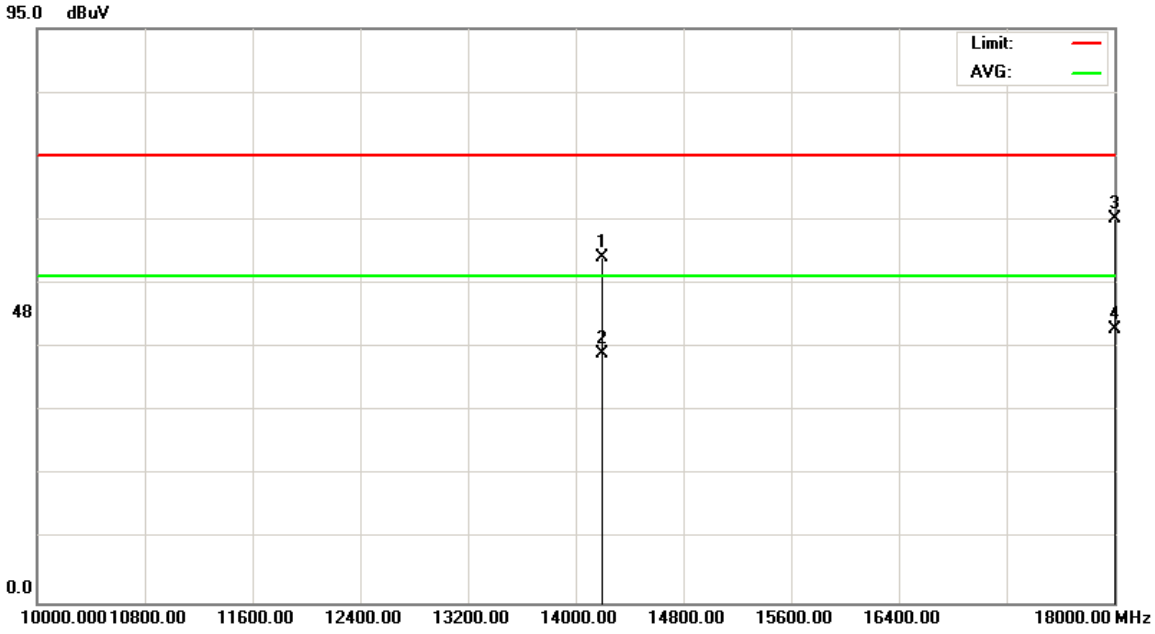
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.29	22.58	61.87	74.00	-12.13	peak	
2	*	2700.000	21.49	22.58	44.07	54.00	-9.93	AVG	
3		9762.750	39.38	17.70	57.08	74.00	-16.92	peak	
4		9762.750	23.53	17.70	41.23	54.00	-12.77	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#9 Date: 2007/03/22 Time: 下午 04:52:37



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT

Note: 2402MHz

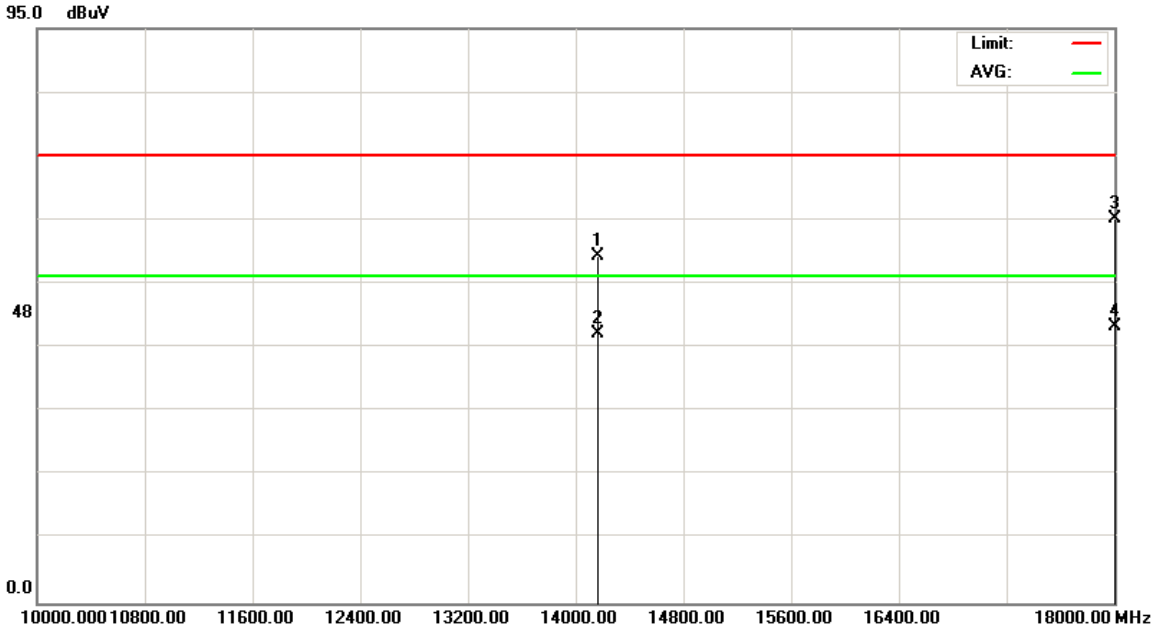
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14200.00	38.29	18.86	57.15	74.00	-16.85	peak	
2		14200.00	22.30	18.86	41.16	54.00	-12.84	AVG	
3		18000.00	37.93	25.57	63.50	74.00	-10.50	peak	
4	*	18000.00	19.59	25.57	45.16	54.00	-8.84	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#11 Date: 2007/03/22 Time: 下午 04:54:27



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT

Note: 2402MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14160.00	38.64	18.83	57.47	74.00	-16.53	peak	
2		14160.00	25.62	18.83	44.45	54.00	-9.55	AVG	
3		18000.00	37.91	25.57	63.48	74.00	-10.52	peak	
4	*	18000.00	20.18	25.57	45.75	54.00	-8.25	AVG	

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

3.6.3 Open Field Radiated Emissions (Subpart C)

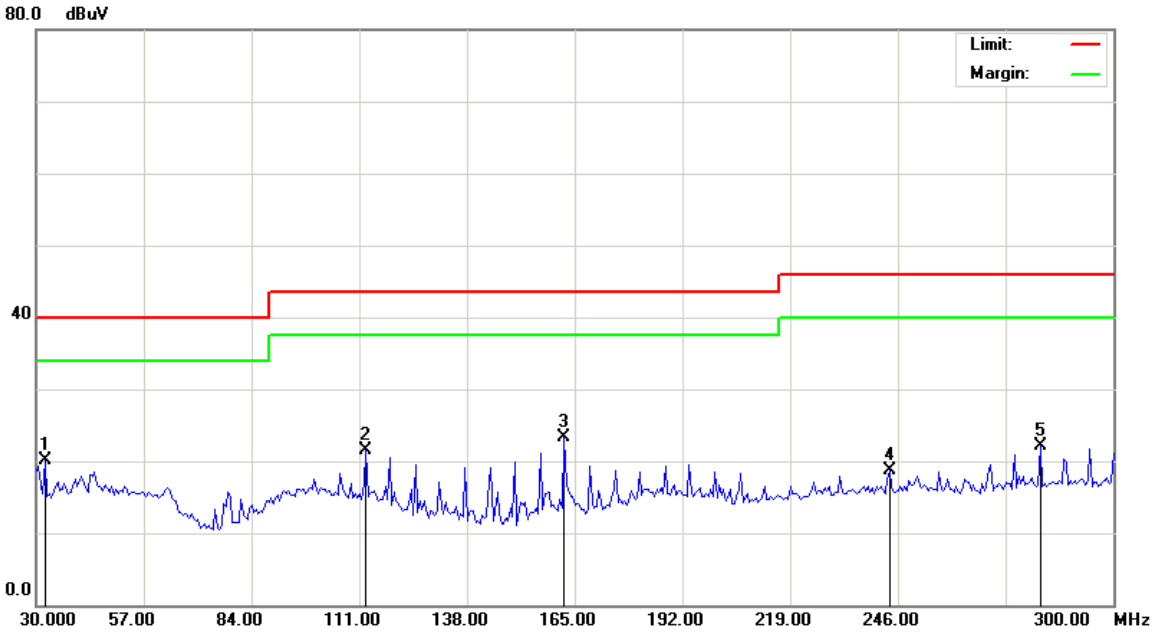
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth 2.0 CH39 2441.000 (Local Frequency: 2441.000 MHz)
Test Date : 03/21 ~ 03/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#5 Date: 2007/03/21 Time: 下午 09:05:34



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2441MHz

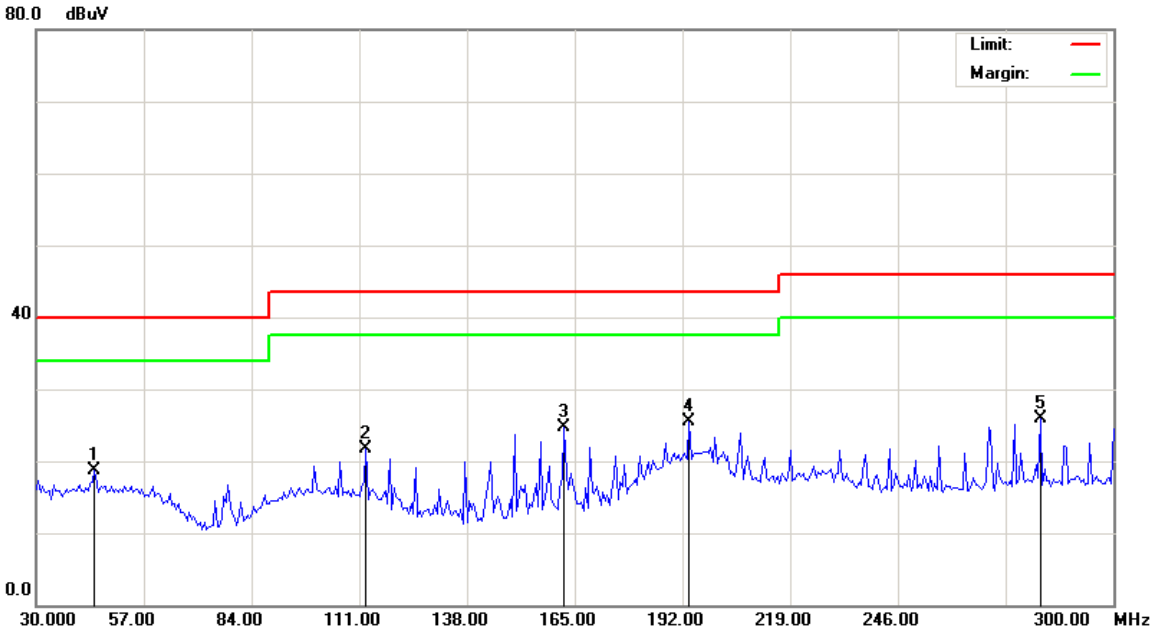
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	32.1599	33.38	-13.36	20.02	40.00	-19.98	peak	
2		112.6200	34.55	-12.95	21.60	43.50	-21.90	peak	
3		162.3000	38.79	-15.40	23.39	43.50	-20.11	peak	
4		243.8400	30.06	-11.30	18.76	46.00	-27.24	peak	
5		281.6399	32.51	-10.37	22.14	46.00	-23.86	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#7 Date: 2007/03/21 Time: 下午 09:14:05



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2441MHz

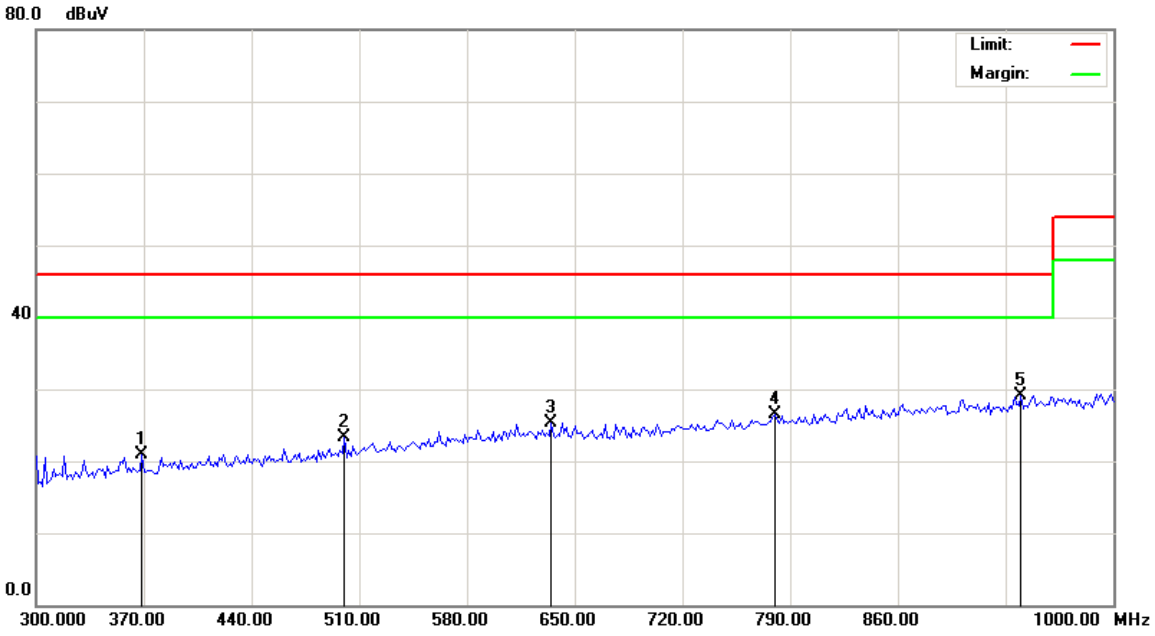
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		44.5799	30.60	-11.83	18.77	40.00	-21.23	peak	
2		112.6200	34.58	-12.95	21.63	43.50	-21.87	peak	
3		162.3000	40.09	-15.40	24.69	43.50	-18.81	peak	
4	*	193.6200	38.70	-13.17	25.53	43.50	-17.97	peak	
5		281.6399	36.26	-10.37	25.89	46.00	-20.11	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#6 Date: 2007/03/21 Time: 下午 09:09:49



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2441MHz

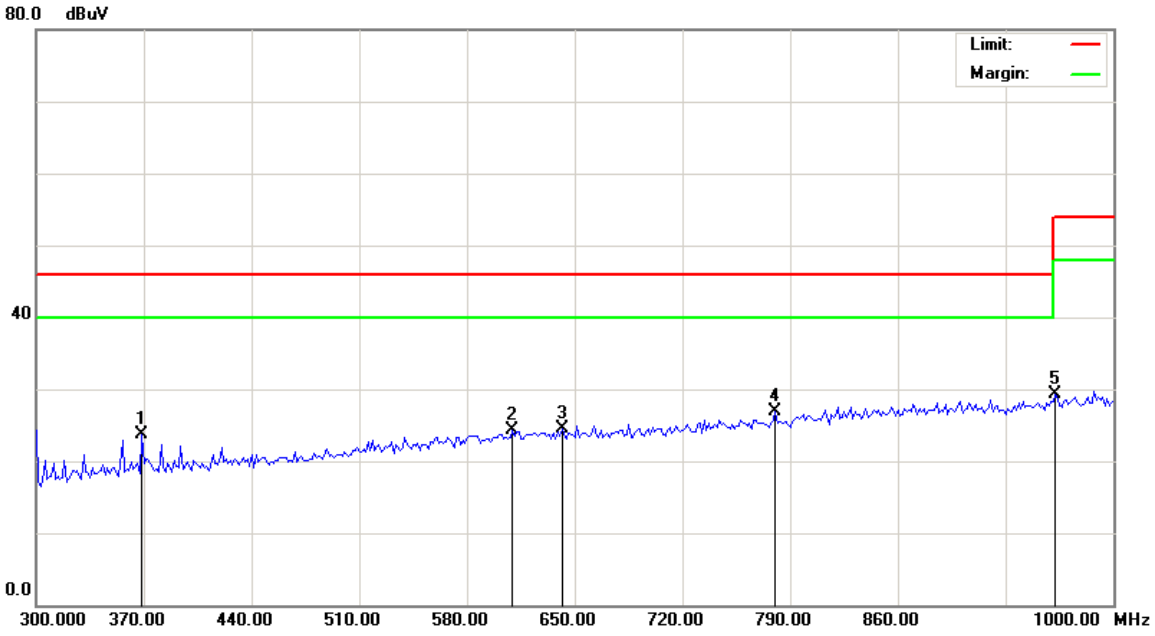
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	29.59	-8.70	20.89	46.00	-25.11	peak	
2		500.1999	30.44	-7.16	23.28	46.00	-22.72	peak	
3		634.6000	29.70	-4.36	25.34	46.00	-20.66	peak	
4		780.2000	28.91	-2.35	26.56	46.00	-19.44	peak	
5	*	939.7999	28.78	0.27	29.05	46.00	-16.95	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#8 Date: 2007/03/21 Time: 下午 09:18:21



Site 966半電波暗室
Limit: FCC Class B 3M Radiation
EUT: PDA
M/N: c500
Mode: BT
Note: 2441MHz
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

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

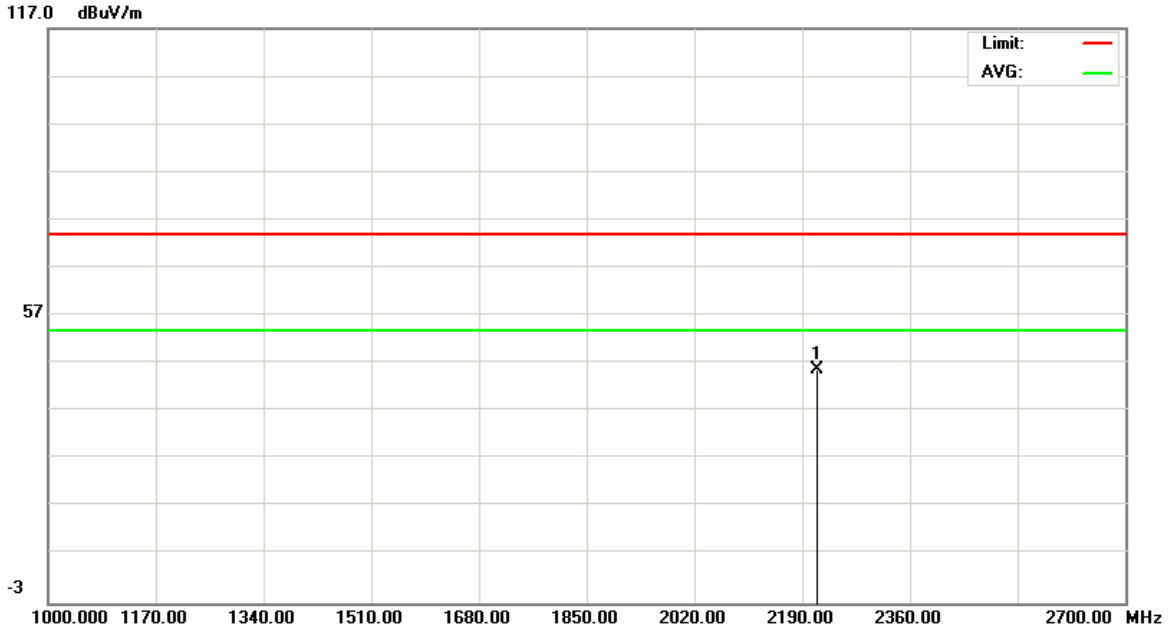
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	32.37	-8.70	23.67	46.00	-22.33	peak	
2		609.4000	28.93	-4.61	24.32	46.00	-21.68	peak	
3		641.6000	28.99	-4.48	24.51	46.00	-21.49	peak	
4	*	780.2000	29.16	-2.35	26.81	46.00	-19.19	peak	
5		962.2000	28.77	0.54	29.31	54.00	-24.69	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#1 Date: 2007/03/22 Time: 下午 02:27:42



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2441MHz

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

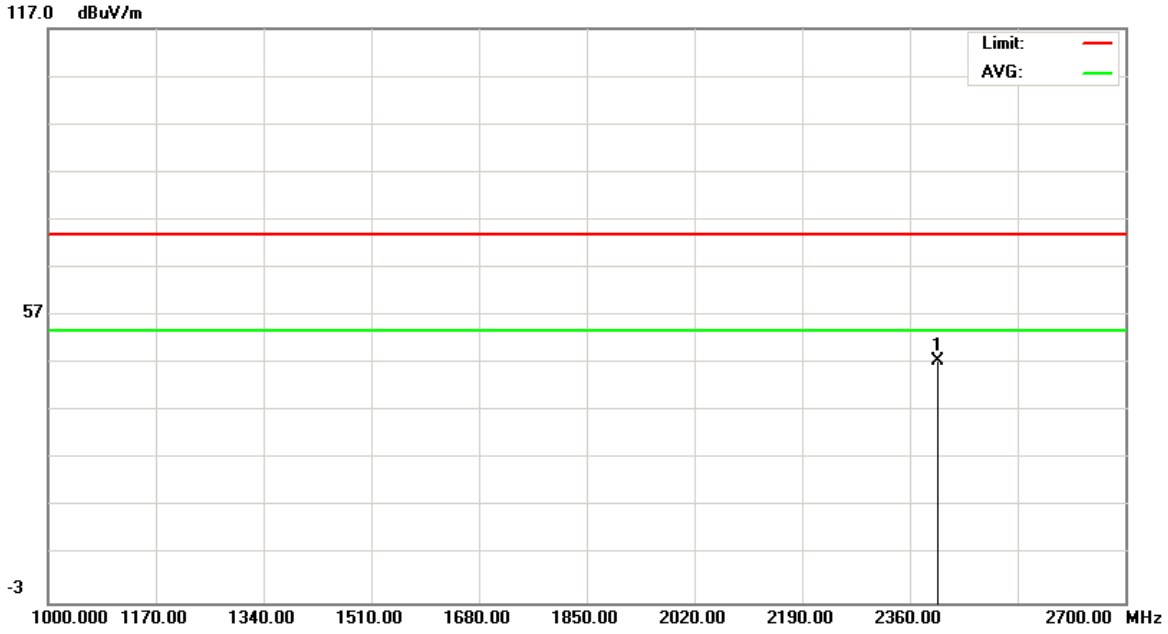
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2213.800	45.25	0.38	45.63	74.00	-28.37	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#3 Date: 2007/03/22 Time: 下午 02:31:09



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2441MHz

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

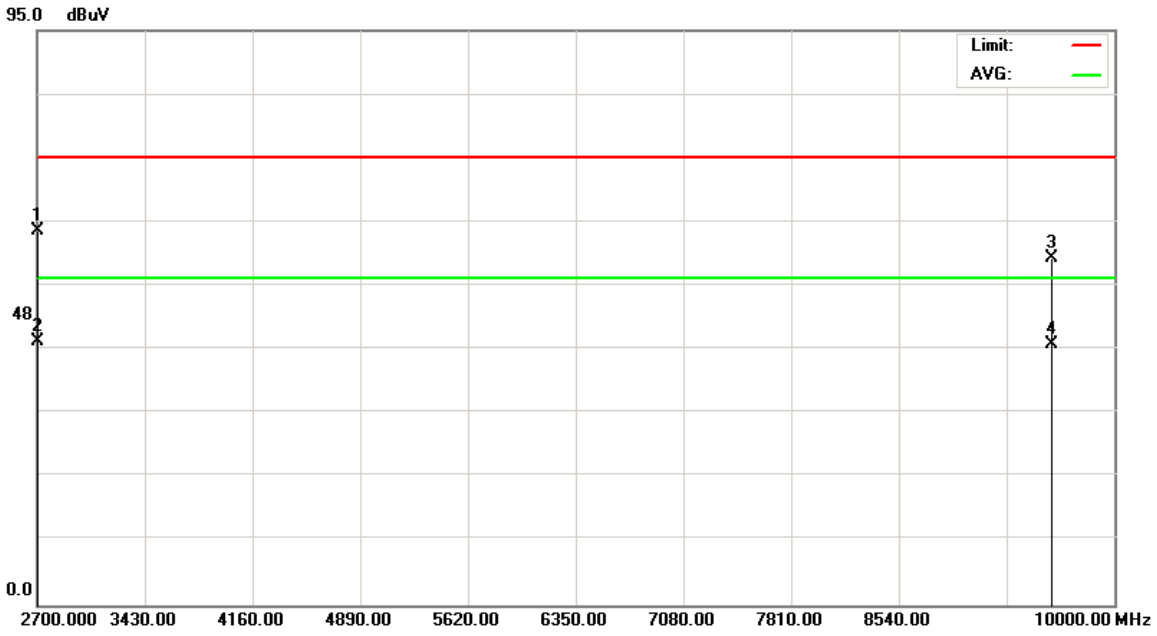
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2404.200	47.50	0.11	47.61	74.00	-26.39	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#5 Date: 2007/03/22 Time: 下午 03:27:10



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2441MHz

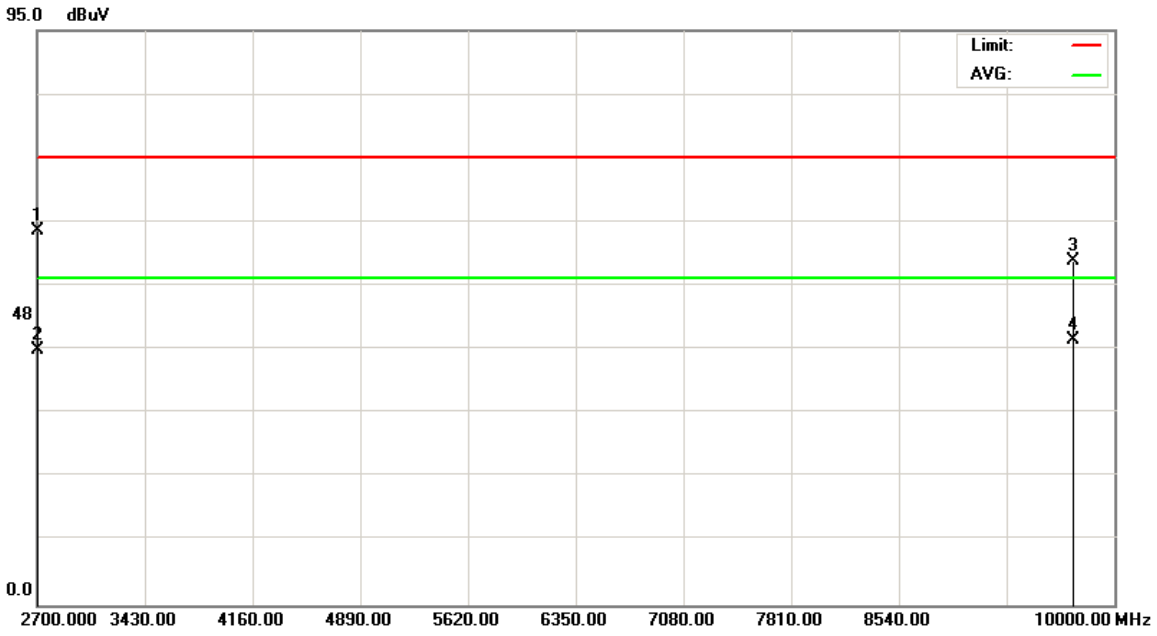
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.28	22.58	61.86	74.00	-12.14	peak	
2	*	2700.000	20.91	22.58	43.49	54.00	-10.51	AVG	
3		9580.250	40.02	17.31	57.33	74.00	-16.67	peak	
4		9580.250	25.84	17.31	43.15	54.00	-10.85	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#7 Date: 2007/03/22 Time: 下午 03:31:40



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2441MHz

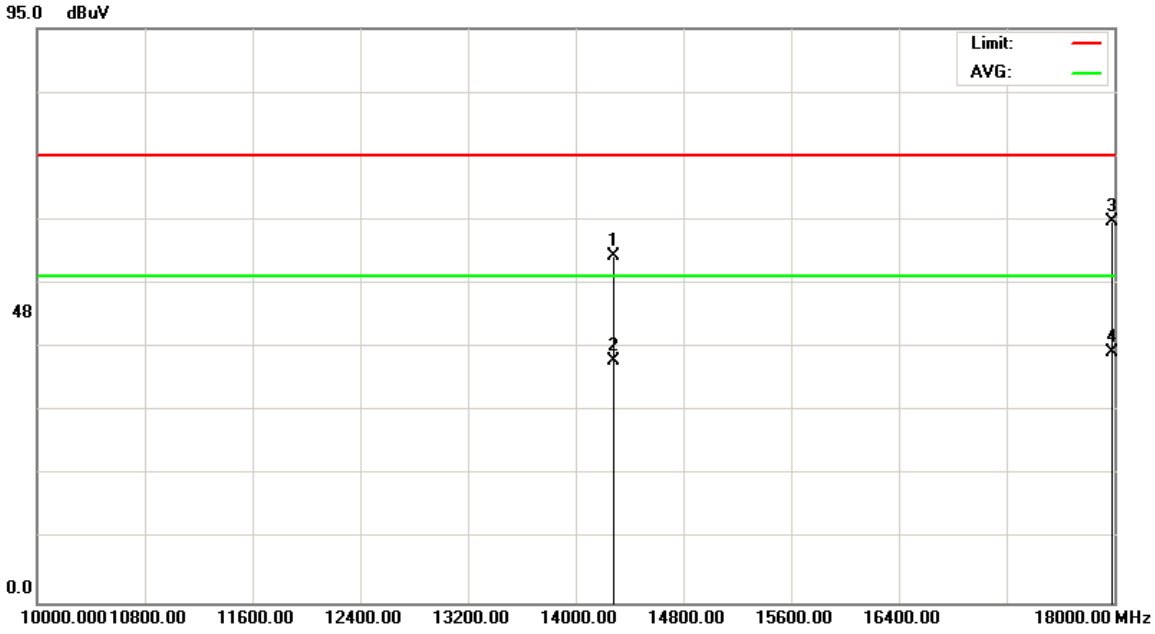
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.23	22.58	61.81	74.00	-12.19	peak	
2		2700.000	19.58	22.58	42.16	54.00	-11.84	AVG	
3		9726.250	39.18	17.59	56.77	74.00	-17.23	peak	
4	*	9726.250	26.17	17.59	43.76	54.00	-10.24	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#9 Date: 2007/03/22 Time: 下午 04:57:51



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT

Note: 2441MHz

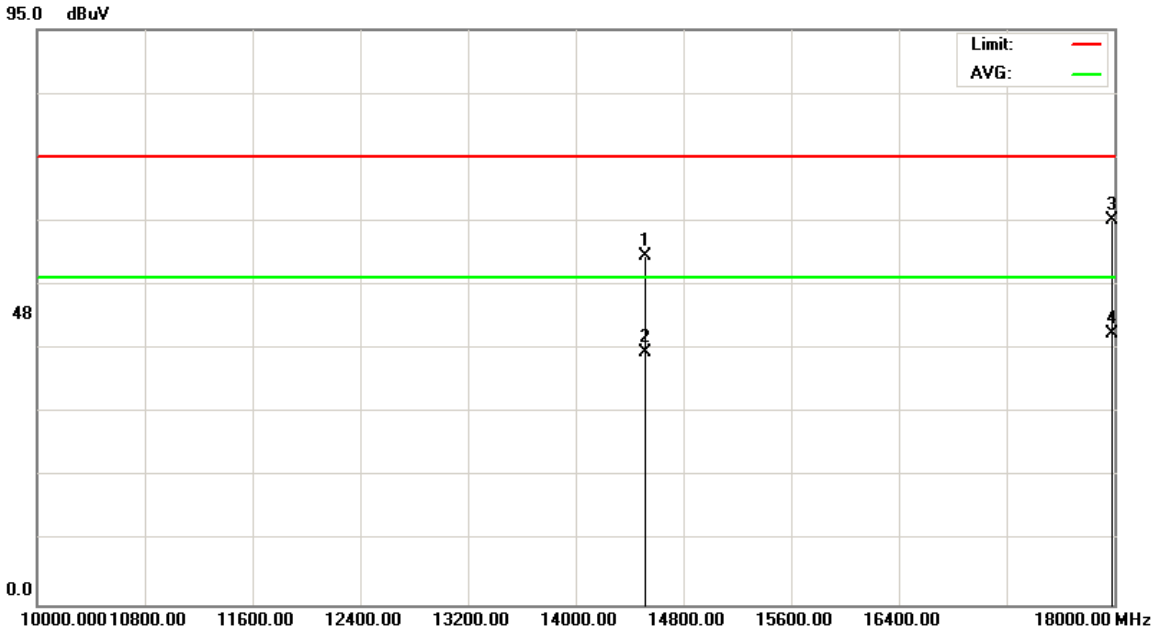
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14280.00	38.75	18.63	57.38	74.00	-16.62	peak	
2		14280.00	21.44	18.63	40.07	54.00	-13.93	AVG	
3	*	17980.00	37.95	25.20	63.15	74.00	-10.85	peak	
4		17980.00	16.21	25.20	41.41	54.00	-12.59	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#11 Date: 2007/03/22 Time: 下午 04:59:40



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT

Note: 2441MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14520.00	39.72	17.83	57.55	74.00	-16.45	peak	
2		14520.00	23.96	17.83	41.79	54.00	-12.21	AVG	
3		17980.00	38.30	25.20	63.50	74.00	-10.50	peak	
4	*	17980.00	19.47	25.20	44.67	54.00	-9.33	AVG	

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

3.6.4 Open Field Radiated Emissions (Subpart C)

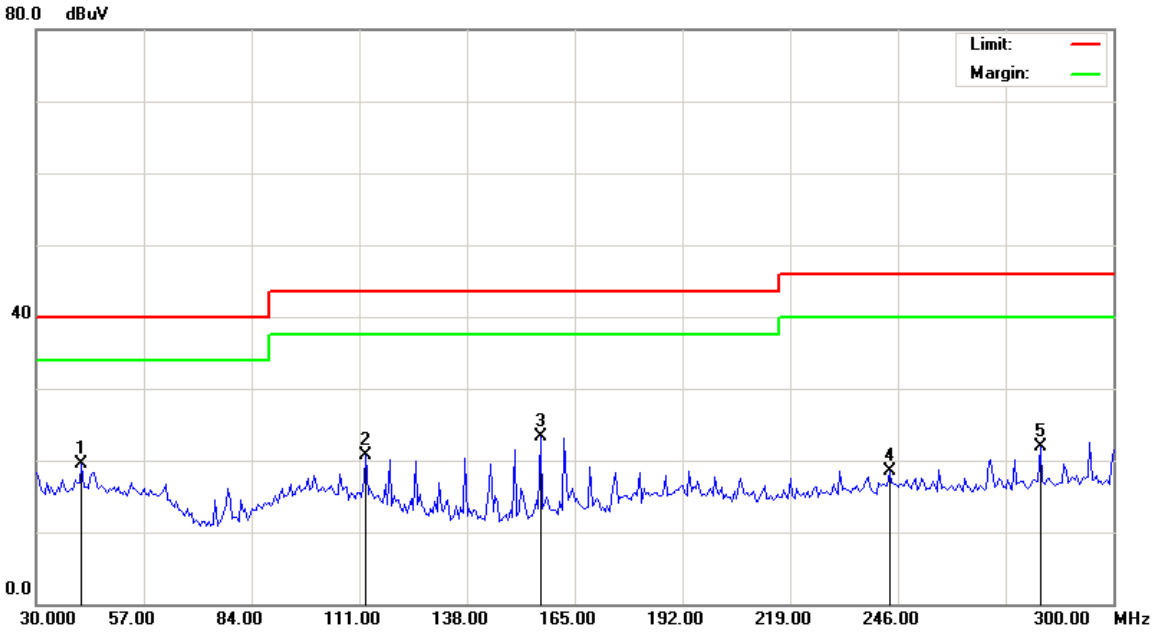
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth 2.0 CH78 2480.000 (Local Frequency: 2480.000 MHz)
Test Date : 03/21 ~ 03/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#9 Date: 2007/03/21 Time: 下午 09:24:05



Site 966半電波暗室 Polarization: ***Vertical*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

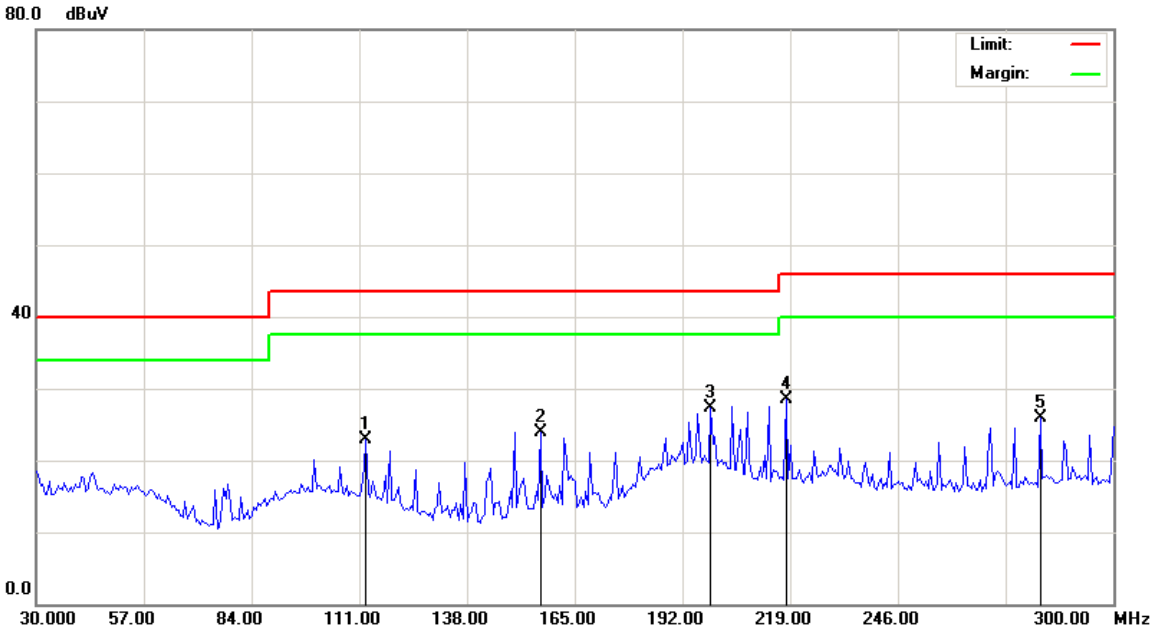
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		41.3400	31.30	-11.87	19.43	40.00	-20.57	peak	
2		112.6200	33.57	-12.95	20.62	43.50	-22.88	peak	
3	*	156.3600	39.08	-15.79	23.29	43.50	-20.21	peak	
4		243.8400	29.87	-11.30	18.57	46.00	-27.43	peak	
5		281.6399	32.31	-10.37	21.94	46.00	-24.06	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#11 Date: 2007/03/21 Time: 下午 09:32:35



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

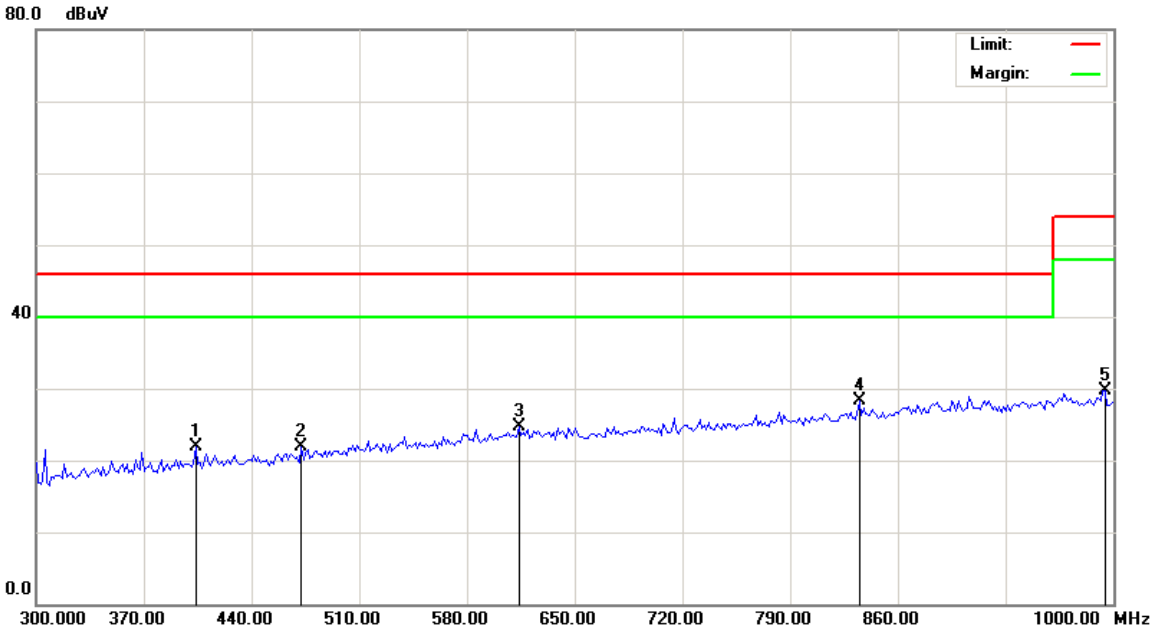
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		112.6200	35.88	-12.95	22.93	43.50	-20.57	peak	
2		156.3600	39.70	-15.79	23.91	43.50	-19.59	peak	
3	*	199.0200	40.37	-13.16	27.21	43.50	-16.29	peak	
4		217.9199	40.97	-12.52	28.45	46.00	-17.55	peak	
5		281.6399	36.18	-10.37	25.81	46.00	-20.19	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#10 Date: 2007/03/21 Time: 下午 09:28:20



Site 966半電波暗室
Limit: FCC Class B 3M Radiation
EUT: PDA
M/N: c500
Mode: BT
Note: 2480MHz
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

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

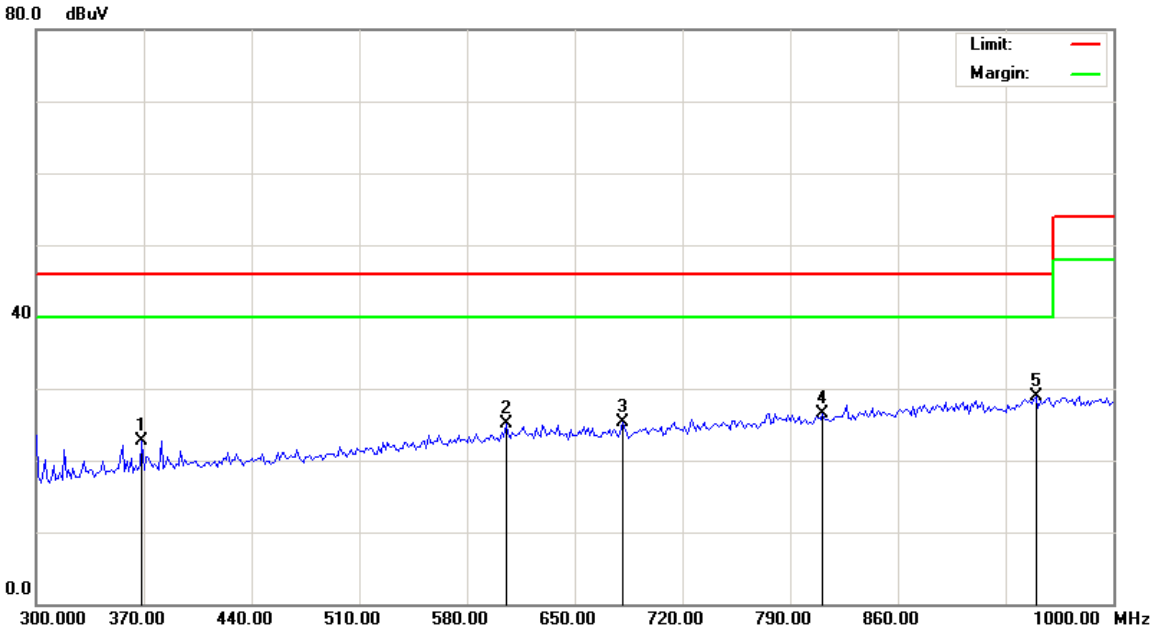
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		403.6000	30.18	-8.27	21.91	46.00	-24.09	peak	
2		472.1999	29.77	-7.84	21.93	46.00	-24.07	peak	
3		613.6000	29.17	-4.46	24.71	46.00	-21.29	peak	
4	*	834.7999	29.64	-1.38	28.26	46.00	-17.74	peak	
5		994.3999	28.87	0.80	29.67	54.00	-24.33	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#12 Date: 2007/03/21 Time: 下午 09:36:51



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

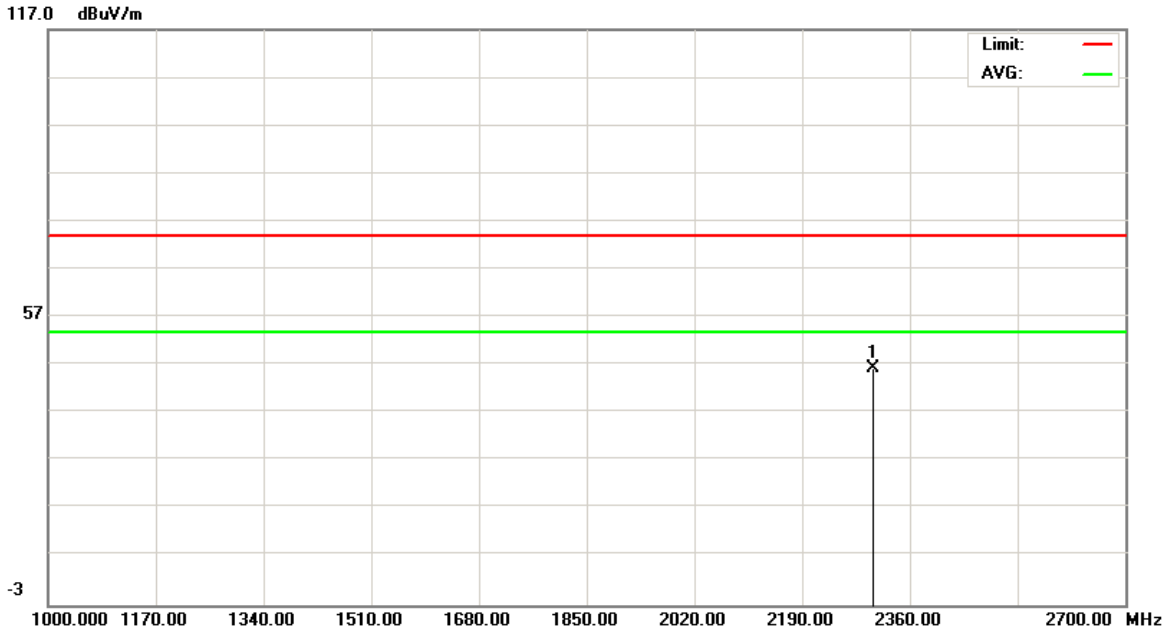
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	31.48	-8.70	22.78	46.00	-23.22	peak	
2		605.2000	29.74	-4.58	25.16	46.00	-20.84	peak	
3		680.8000	29.32	-4.10	25.22	46.00	-20.78	peak	
4		811.0000	28.26	-1.77	26.49	46.00	-19.51	peak	
5	*	949.6000	28.72	0.21	28.93	46.00	-17.07	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#1 Date: 2007/03/22 Time: 下午 02:37:59



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2480MHz

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

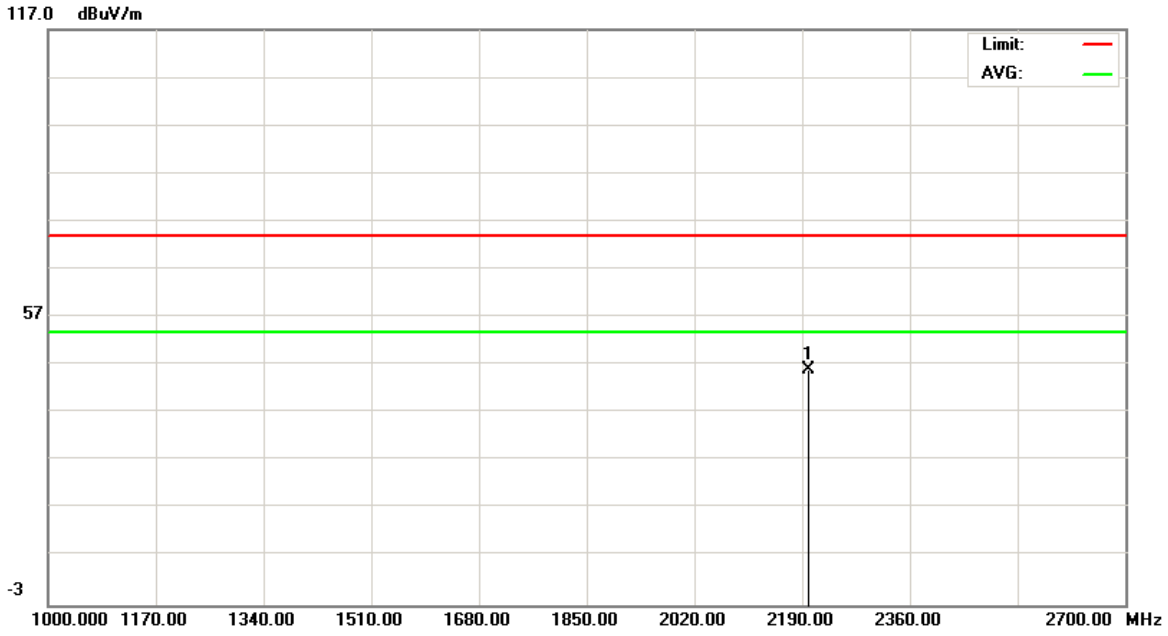
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2302.200	45.89	0.51	46.40	74.00	-27.60	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#3 Date: 2007/03/22 Time: 下午 02:41:20



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT
Note: 2480MHz

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

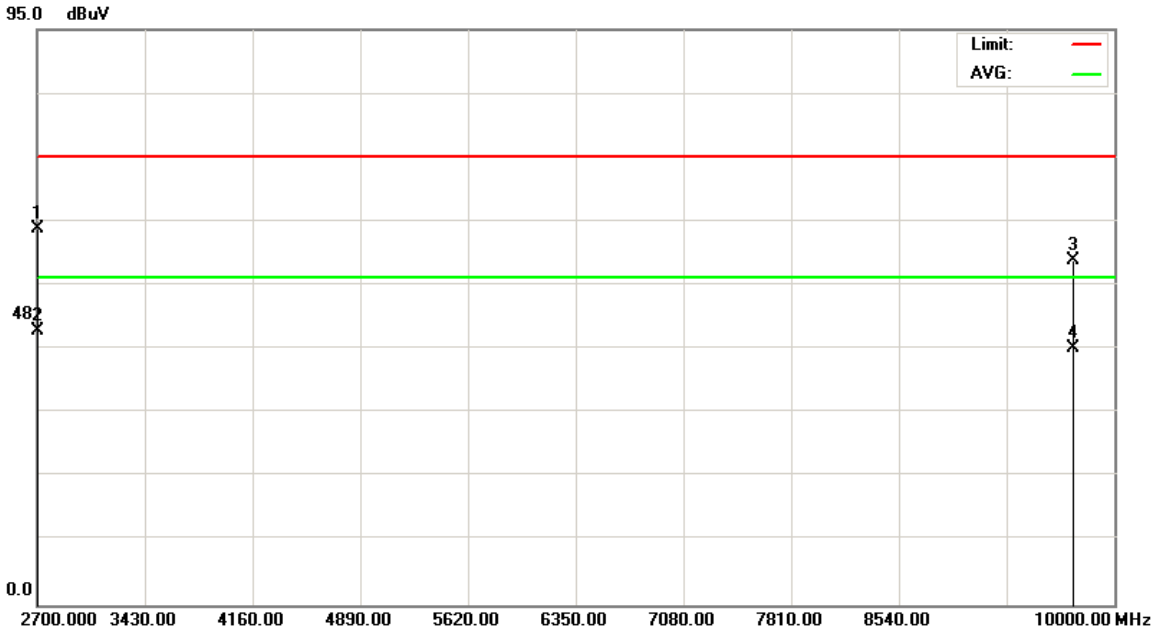
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2200.200	45.52	0.53	46.05	74.00	-27.95	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#5 Date: 2007/03/22 Time: 下午 03:45:01



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

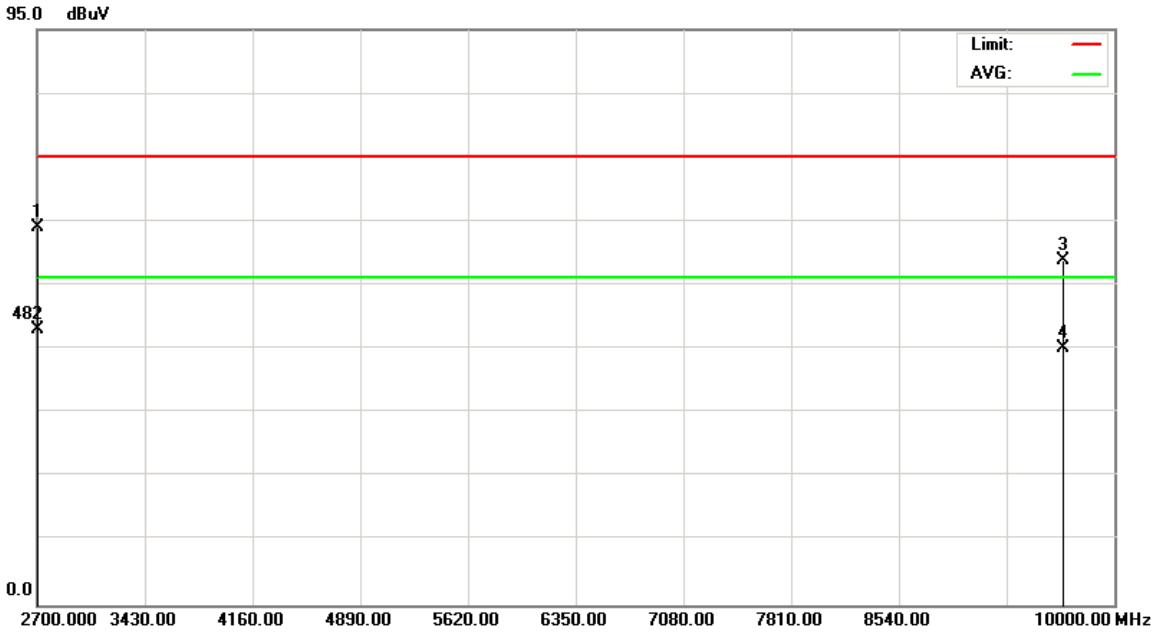
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.51	22.58	62.09	74.00	-11.91	peak	
2	*	2700.000	22.60	22.58	45.18	54.00	-8.82	AVG	
3		9726.250	39.26	17.59	56.85	74.00	-17.15	peak	
4		9726.250	24.75	17.59	42.34	54.00	-11.66	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#7 Date: 2007/03/22 Time: 下午 03:48:58



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

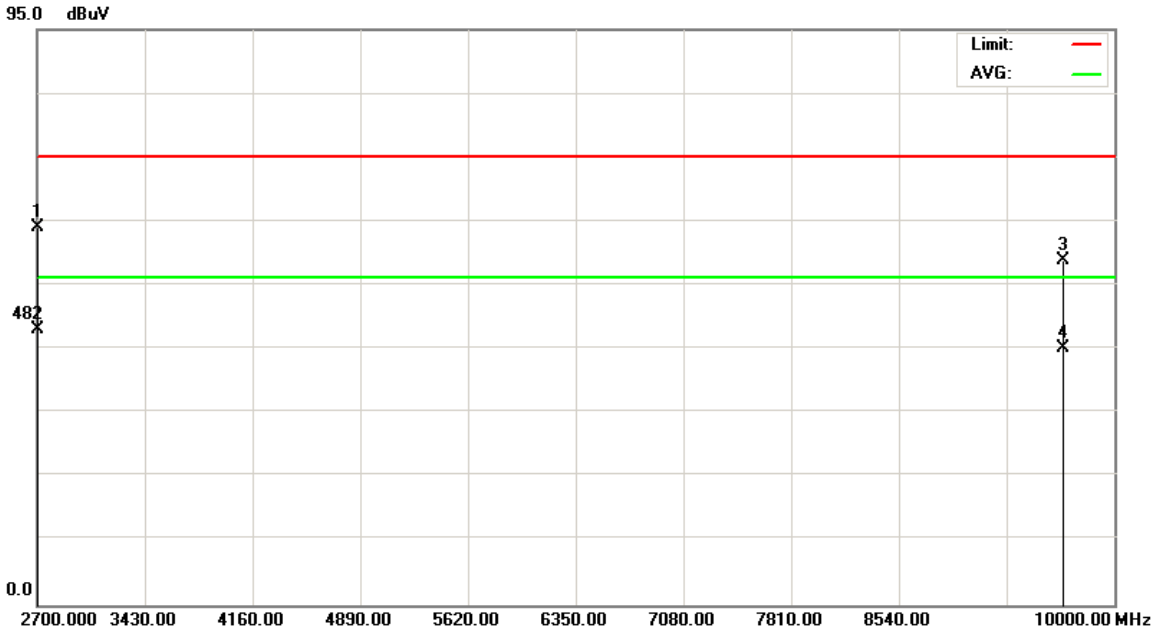
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.82	22.58	62.40	74.00	-11.60	peak	
2	*	2700.000	22.79	22.58	45.37	54.00	-8.63	AVG	
3		9653.250	39.98	16.95	56.93	74.00	-17.07	peak	
4		9653.250	25.48	16.95	42.43	54.00	-11.57	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#7 Date: 2007/03/22 Time: 下午 03:48:58



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz

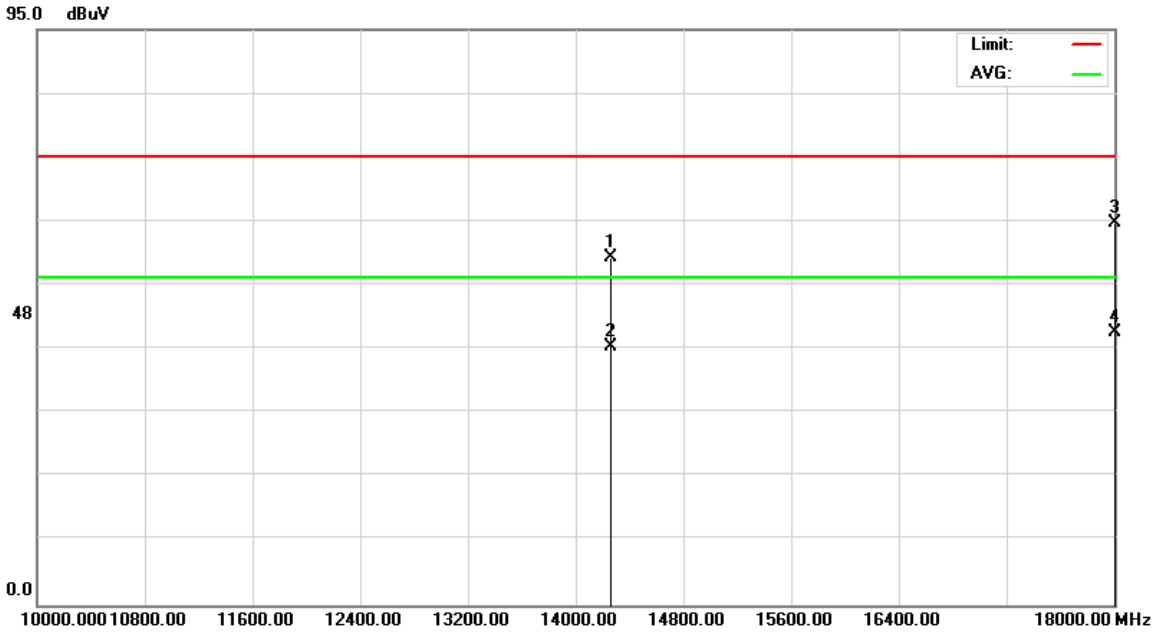
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.82	22.58	62.40	74.00	-11.60	peak	
2	*	2700.000	22.79	22.58	45.37	54.00	-8.63	AVG	
3		9653.250	39.98	16.95	56.93	74.00	-17.07	peak	
4		9653.250	25.48	16.95	42.43	54.00	-11.57	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#11 Date: 2007/03/22 Time: 下午 05:04:26



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT

Note: 2480MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14260.00	38.58	18.66	57.24	74.00	-16.76	peak	
2		14260.00	23.90	18.66	42.56	54.00	-11.44	AVG	
3		18000.00	37.45	25.57	63.02	74.00	-10.98	peak	
4	*	18000.00	19.45	25.57	45.02	54.00	-8.98	AVG	

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

3.6.5 Open Field Radiated Emissions (Subpart C)

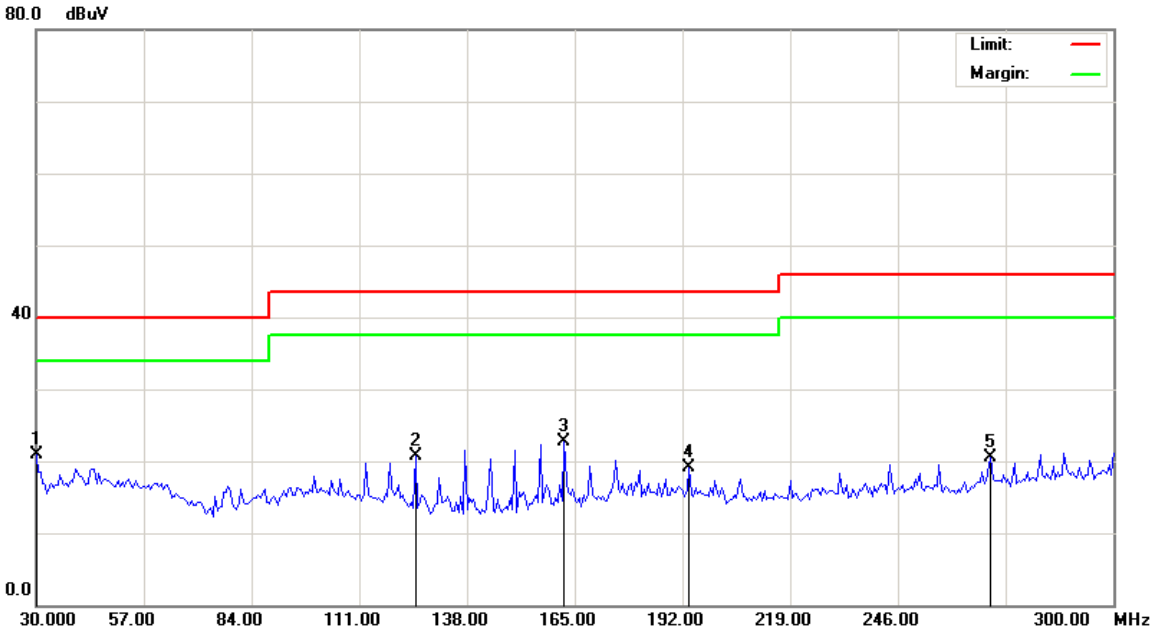
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth EDR CH00 2402.000 (Local Frequency: 2402.000 MHz)
Test Date : 03/21 ~ 3/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#1 Date: 2007/03/21 Time: 下午 09:47:22



Site 966半電波暗室 Polarization: ***Vertical*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

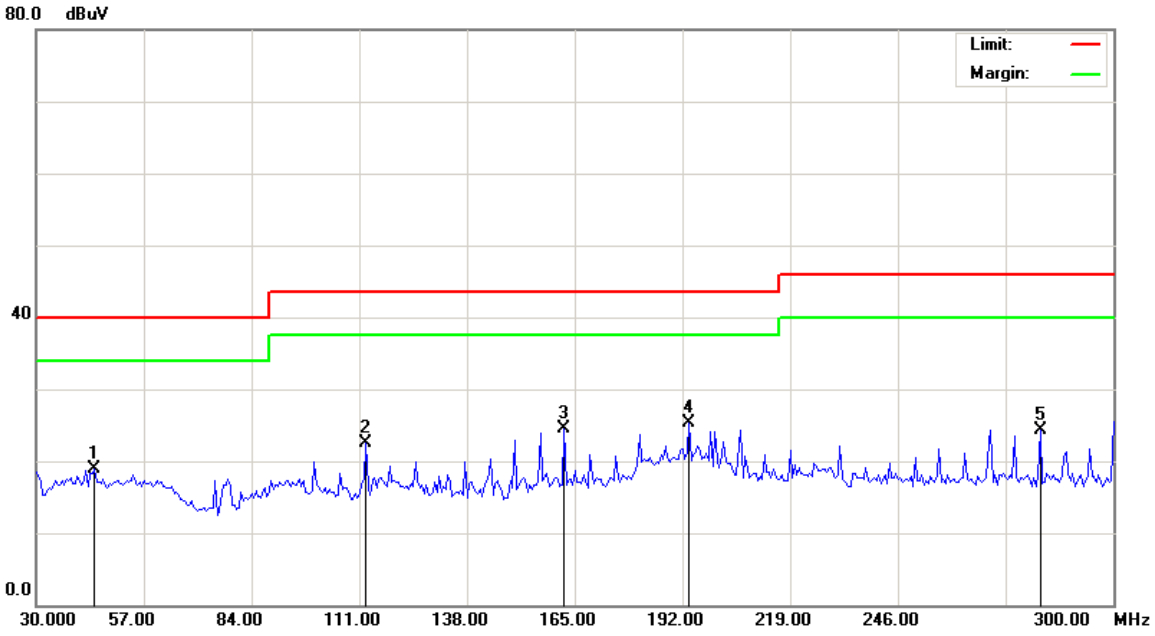
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	30.0000	34.45	-13.49	20.96	40.00	-19.04	peak	
2		125.0400	35.77	-15.04	20.73	43.50	-22.77	peak	
3		162.3000	38.06	-15.40	22.66	43.50	-20.84	peak	
4		193.6200	32.33	-13.17	19.16	43.50	-24.34	peak	
5		269.2200	31.50	-10.95	20.55	46.00	-25.45	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#3 Date: 2007/03/21 Time: 下午 09:56:41



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

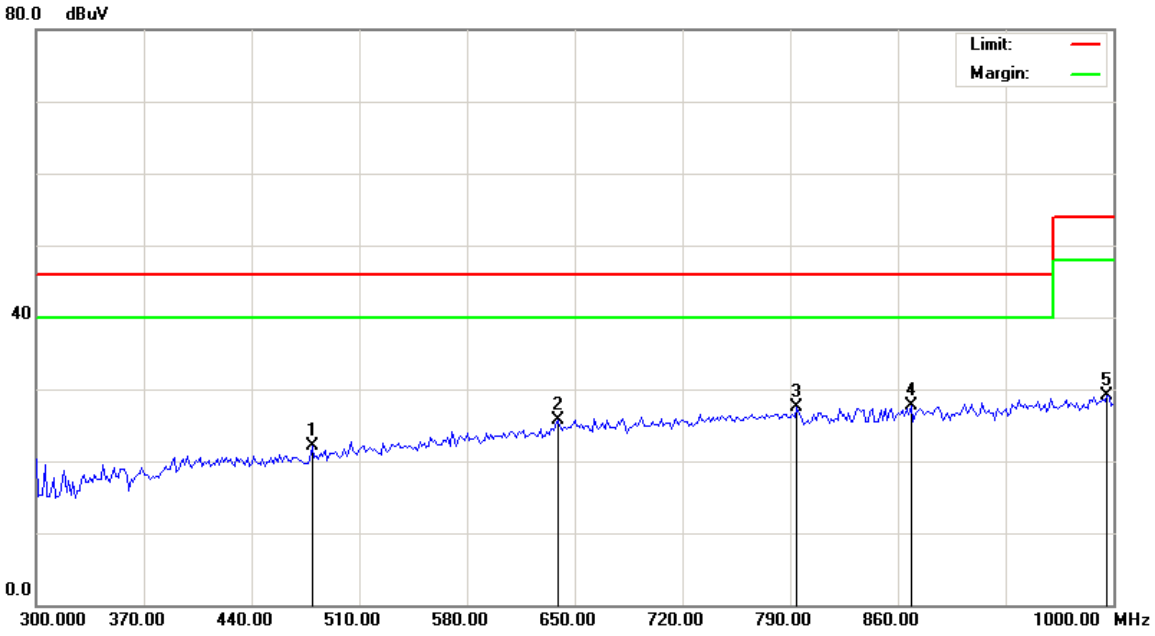
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		44.5799	30.68	-11.83	18.85	40.00	-21.15	peak	
2		112.6200	35.41	-12.95	22.46	43.50	-21.04	peak	
3		162.3000	39.87	-15.40	24.47	43.50	-19.03	peak	
4	*	193.6200	38.49	-13.17	25.32	43.50	-18.18	peak	
5		281.6399	34.62	-10.37	24.25	46.00	-21.75	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#2 Date: 2007/03/21 Time: 下午 09:55:12



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

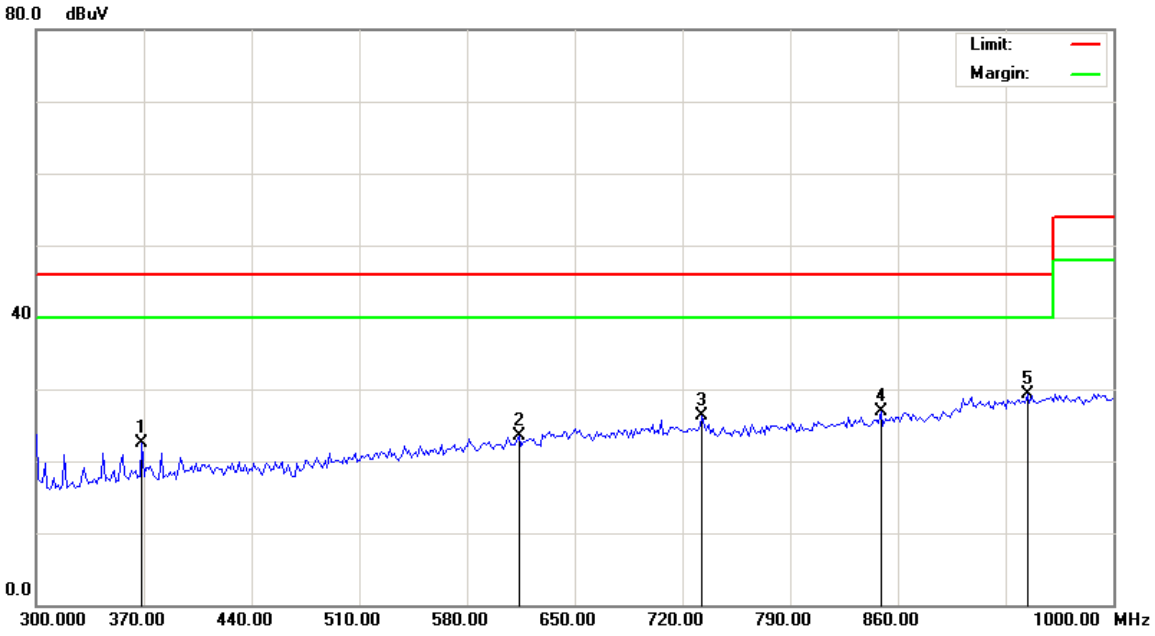
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		479.1999	29.73	-7.60	22.13	46.00	-23.87	peak	
2		638.7998	30.20	-4.43	25.77	46.00	-20.23	peak	
3		794.2000	29.91	-2.34	27.57	46.00	-18.43	peak	
4	*	868.3999	28.48	-0.76	27.72	46.00	-18.28	peak	
5		995.7998	28.31	0.75	29.06	54.00	-24.94	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#4 Date: 2007/03/21 Time: 下午 09:59:53



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

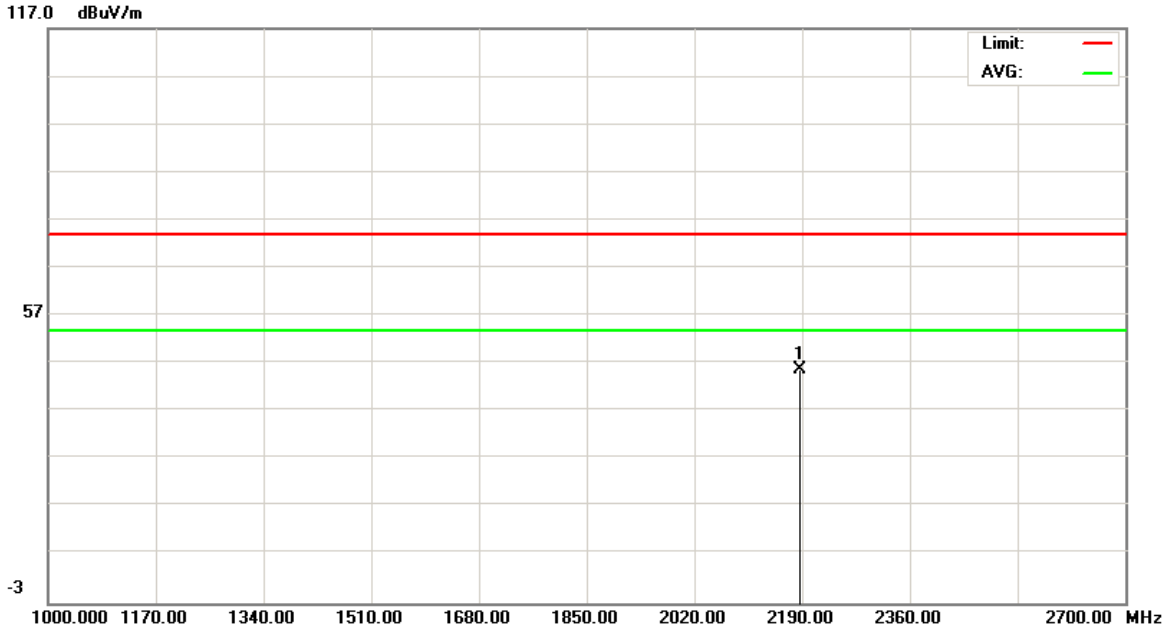
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	31.14	-8.70	22.44	46.00	-23.56	peak	
2		613.6000	27.87	-4.46	23.41	46.00	-22.59	peak	
3		732.6000	29.81	-3.41	26.40	46.00	-19.60	peak	
4		848.7998	28.15	-1.25	26.90	46.00	-19.10	peak	
5	*	944.0000	29.01	0.27	29.28	46.00	-16.72	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#1 Date: 2007/03/22 Time: 下午 12:28:54



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2402MHz

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

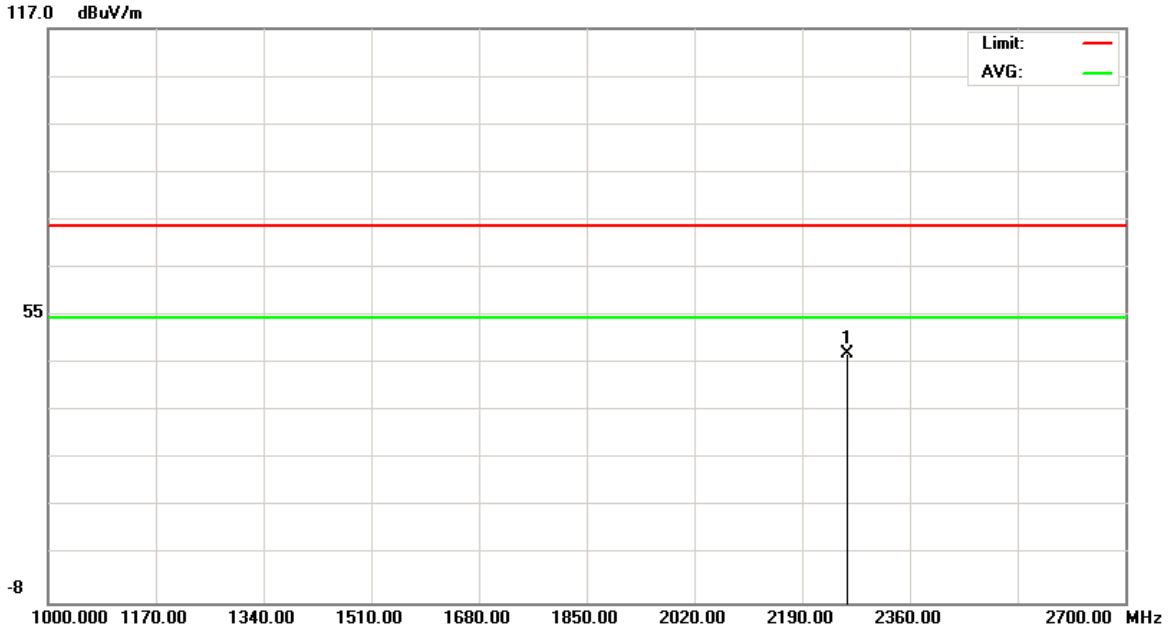
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2186.600	45.46	0.37	45.83	74.00	-28.17	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#3 Date: 2007/03/22 Time: 下午 01:52:34



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2402MHz

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

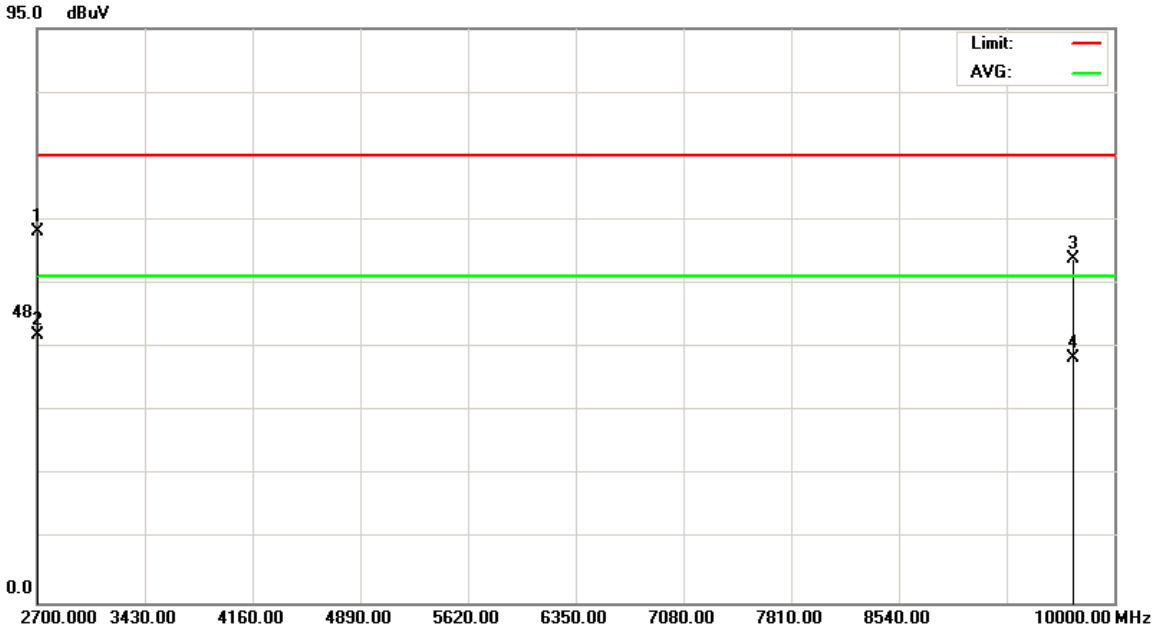
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2261.400	45.85	0.45	46.30	74.00	-27.70	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#5 Date: 2007/03/22 Time: 下午 04:00:34



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

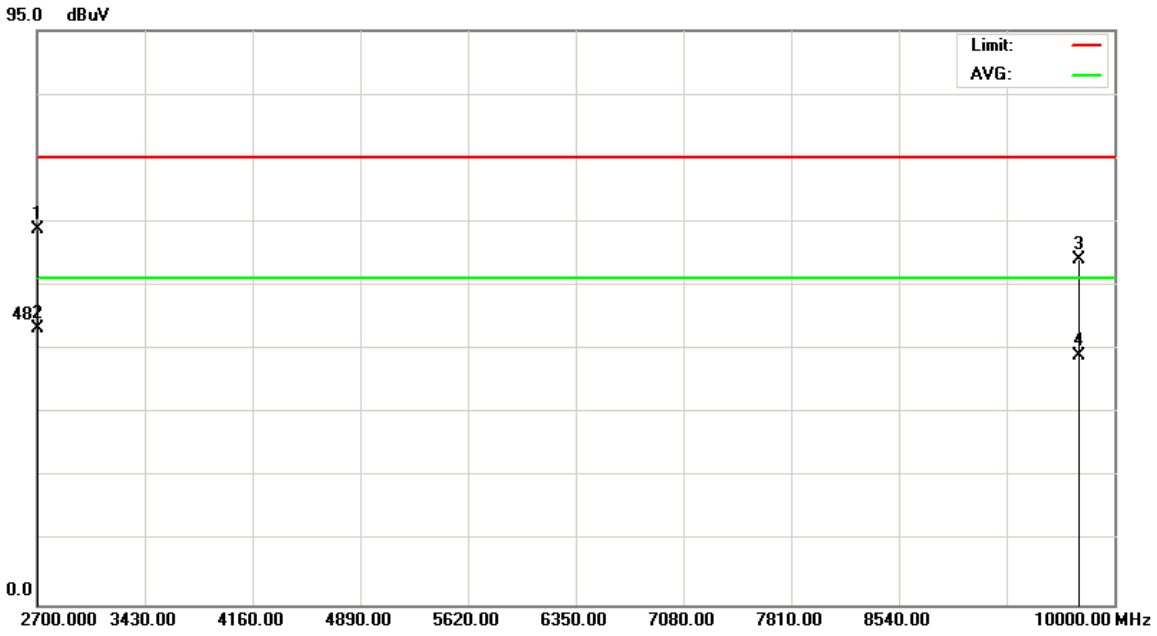
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	38.88	22.58	61.46	74.00	-12.54	peak	
2	*	2700.000	21.66	22.58	44.24	54.00	-9.76	AVG	
3		9726.250	39.38	17.59	56.97	74.00	-17.03	peak	
4		9726.250	22.98	17.59	40.57	54.00	-13.43	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#7 Date: 2007/03/22 Time: 下午 04:03:42



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2402MHz

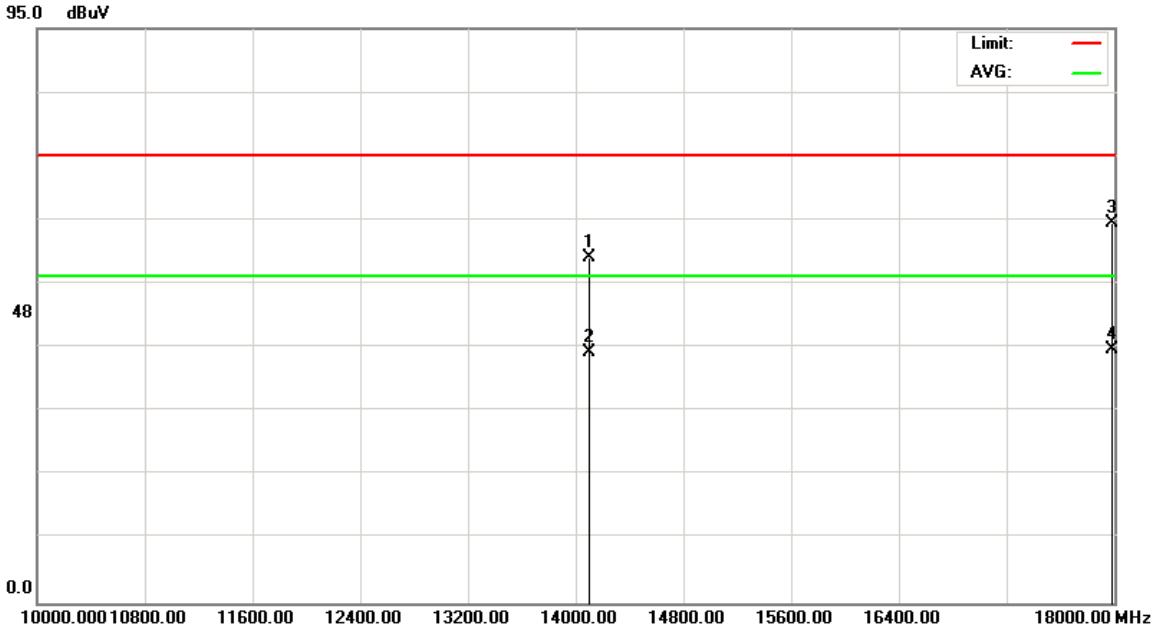
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.57	22.58	62.15	74.00	-11.85	peak	
2	*	2700.000	23.19	22.58	45.77	54.00	-8.23	AVG	
3		9762.750	39.47	17.70	57.17	74.00	-16.83	peak	
4		9762.750	23.46	17.70	41.16	54.00	-12.84	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#9 Date: 2007/03/22 Time: 下午 04:27:50



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2402MHz

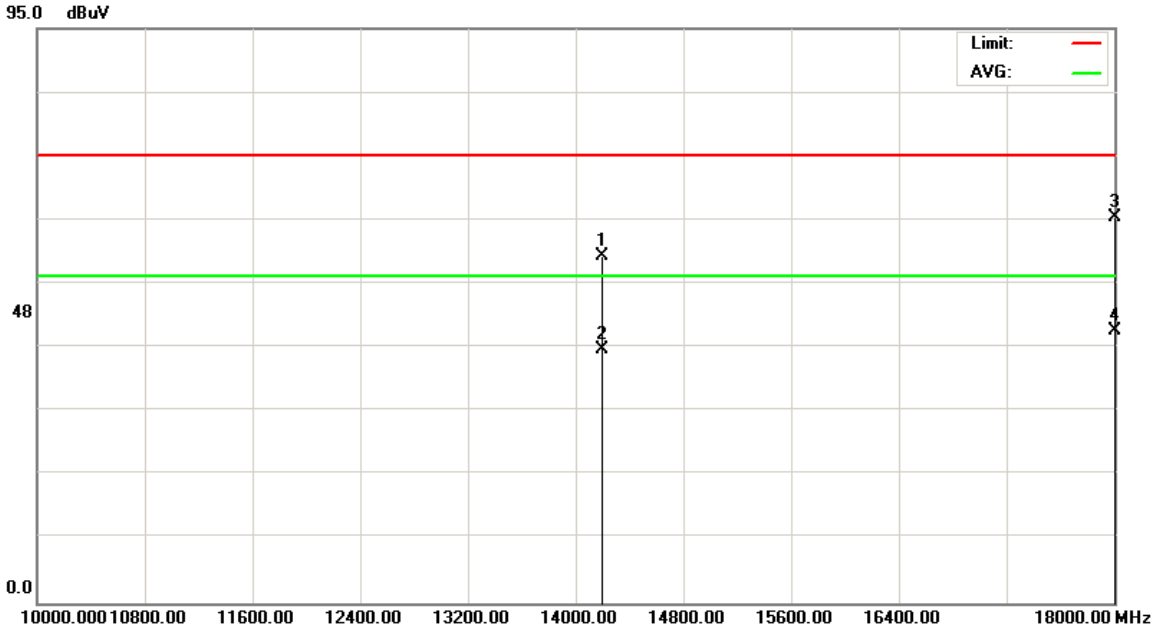
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14100.00	38.23	18.90	57.13	74.00	-16.87	peak	
2		14100.00	22.46	18.90	41.36	54.00	-12.64	AVG	
3	*	17980.00	37.58	25.20	62.78	74.00	-11.22	peak	
4		17980.00	16.78	25.20	41.98	54.00	-12.02	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2402 Data :#11 Date: 2007/03/22 Time: 下午 04:29:39



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2402MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14200.00	38.48	18.86	57.34	74.00	-16.66	peak	
2		14200.00	23.14	18.86	42.00	54.00	-12.00	AVG	
3		18000.00	38.14	25.57	63.71	74.00	-10.29	peak	
4	*	18000.00	19.35	25.57	44.92	54.00	-9.08	AVG	

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

3.6.6 Open Field Radiated Emissions (Subpart C)

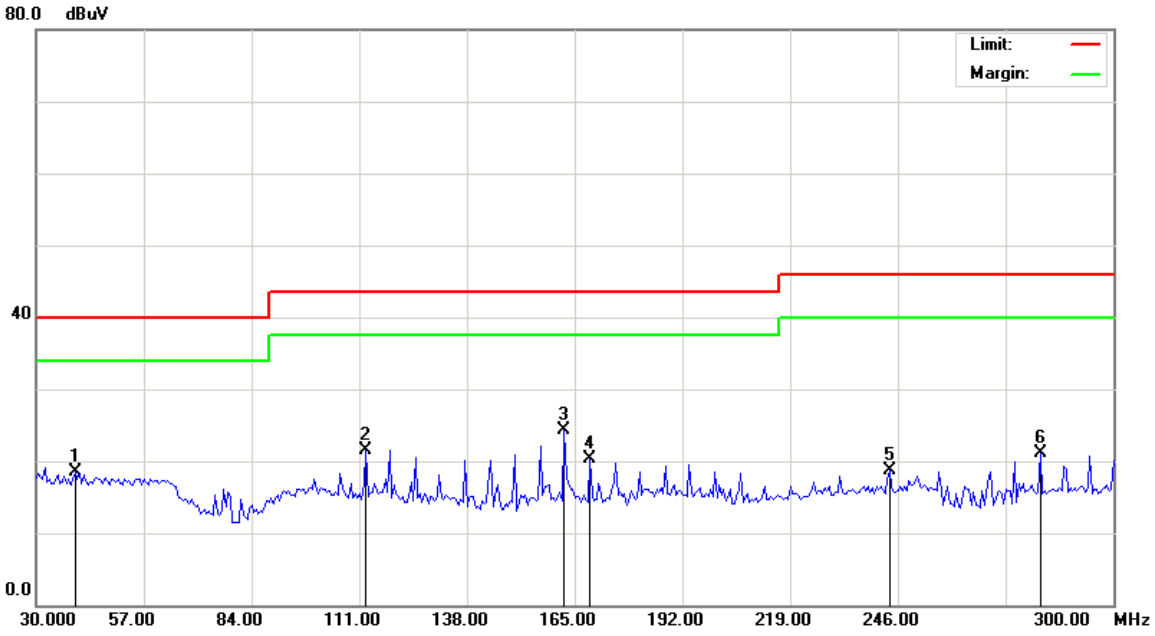
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth EDR CH39 2441.000 (Local Frequency: 2441.000 MHz)
Test Date : 03/21 ~ 3/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#5 Date: 2007/03/21 Time: 下午 10:04:14



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

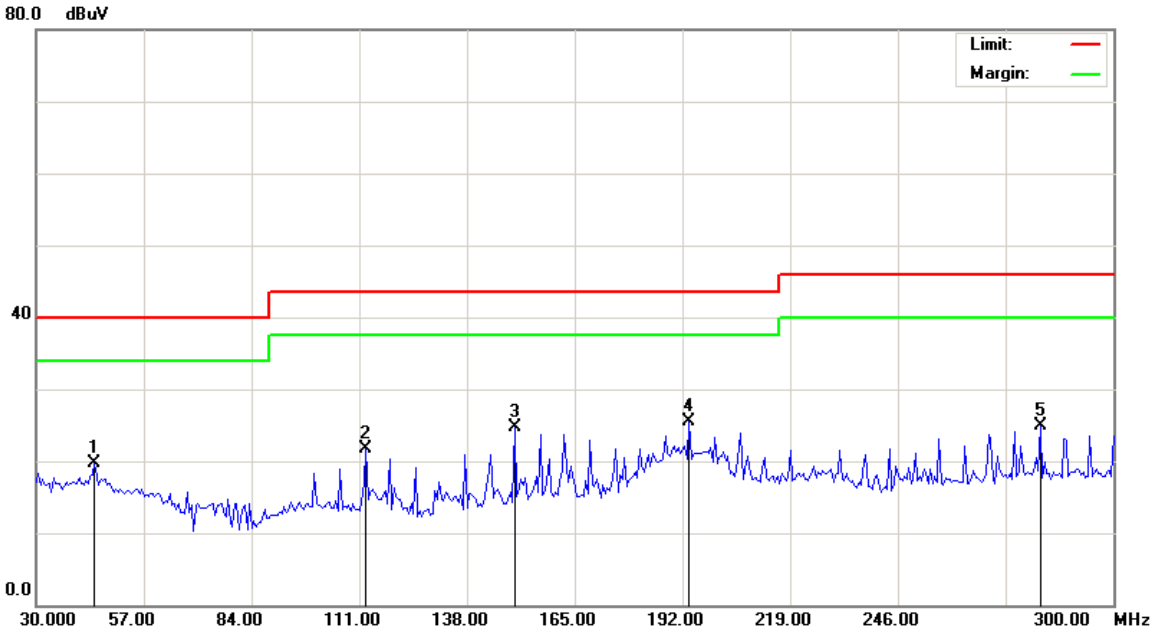
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		39.7199	30.46	-11.96	18.50	40.00	-21.50	peak	
2		112.6200	34.55	-12.95	21.60	43.50	-21.90	peak	
3	*	162.3000	39.79	-15.40	24.39	43.50	-19.11	peak	
4		168.7800	35.66	-15.39	20.27	43.50	-23.23	peak	
5		243.8400	30.06	-11.30	18.76	46.00	-27.24	peak	
6		281.6399	31.51	-10.37	21.14	46.00	-24.86	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#7 Date: 2007/03/21 Time: 下午 10:16:23



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

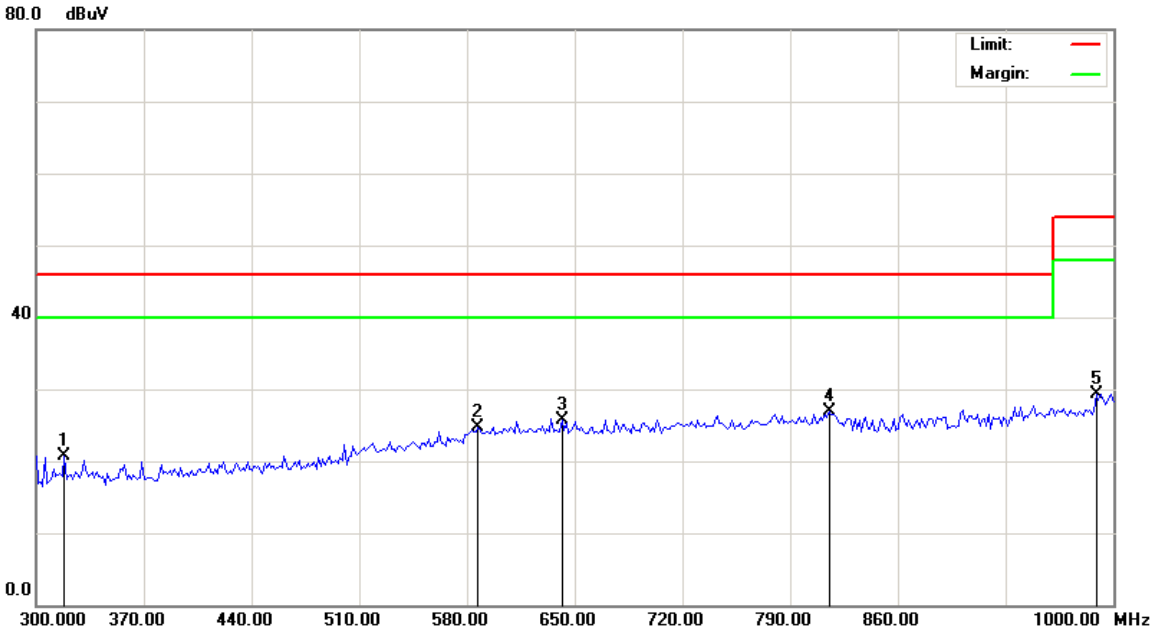
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		44.5799	31.60	-11.83	19.77	40.00	-20.23	peak	
2		112.6200	34.58	-12.95	21.63	43.50	-21.87	peak	
3		149.8797	40.77	-16.01	24.76	43.50	-18.74	peak	
4	*	193.6200	38.70	-13.17	25.53	43.50	-17.97	peak	
5		281.6399	35.26	-10.37	24.89	46.00	-21.11	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#6 Date: 2007/03/21 Time: 下午 10:11:25



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

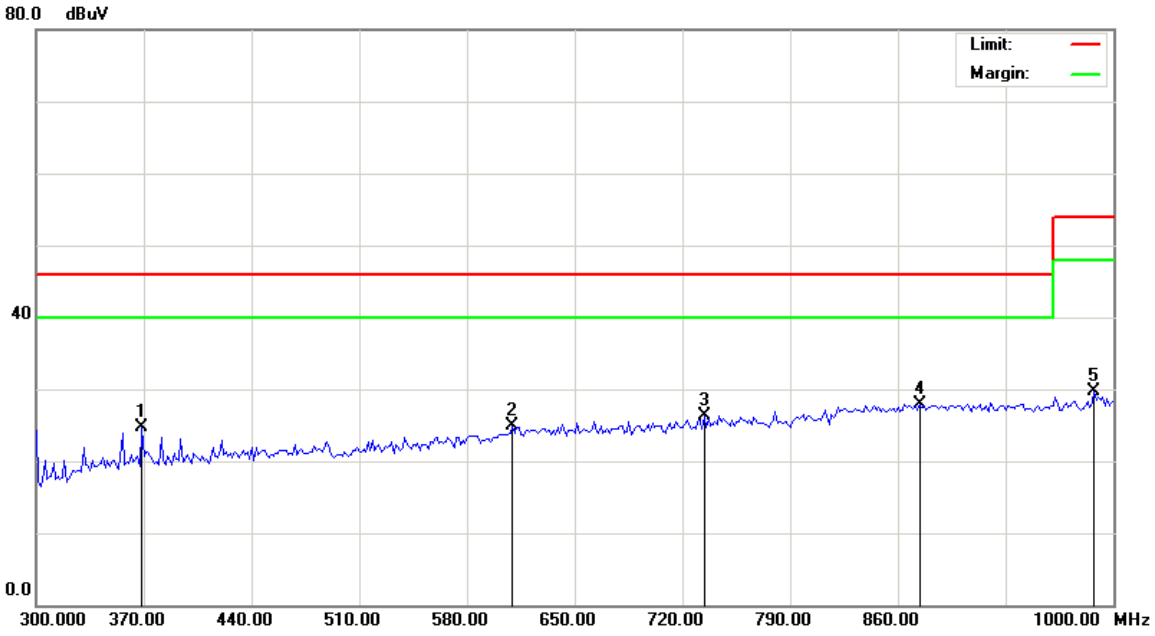
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		318.1999	30.49	-9.80	20.69	46.00	-25.31	peak	
2		587.0000	29.90	-5.11	24.79	46.00	-21.21	peak	
3		641.6000	30.20	-4.48	25.72	46.00	-20.28	peak	
4	*	815.2000	29.02	-2.04	26.98	46.00	-19.02	peak	
5		988.7998	28.45	0.84	29.29	54.00	-24.71	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#8 Date: 2007/03/21 Time: 下午 10:18:21



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

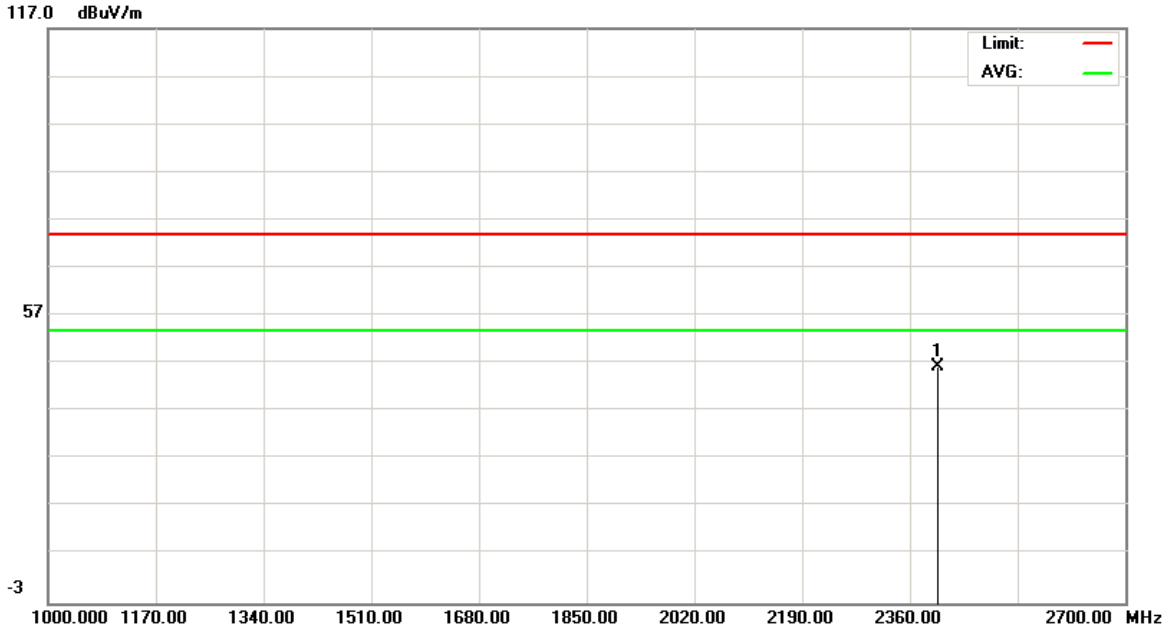
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	33.37	-8.70	24.67	46.00	-21.33	peak	
2		609.3999	29.43	-4.61	24.82	46.00	-21.18	peak	
3		734.0000	29.57	-3.34	26.23	46.00	-19.77	peak	
4	*	874.0000	28.70	-0.82	27.88	46.00	-18.12	peak	
5		987.3999	28.95	0.73	29.68	54.00	-24.32	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#1 Date: 2007/03/22 Time: 下午 01:34:40



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2441MHz

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

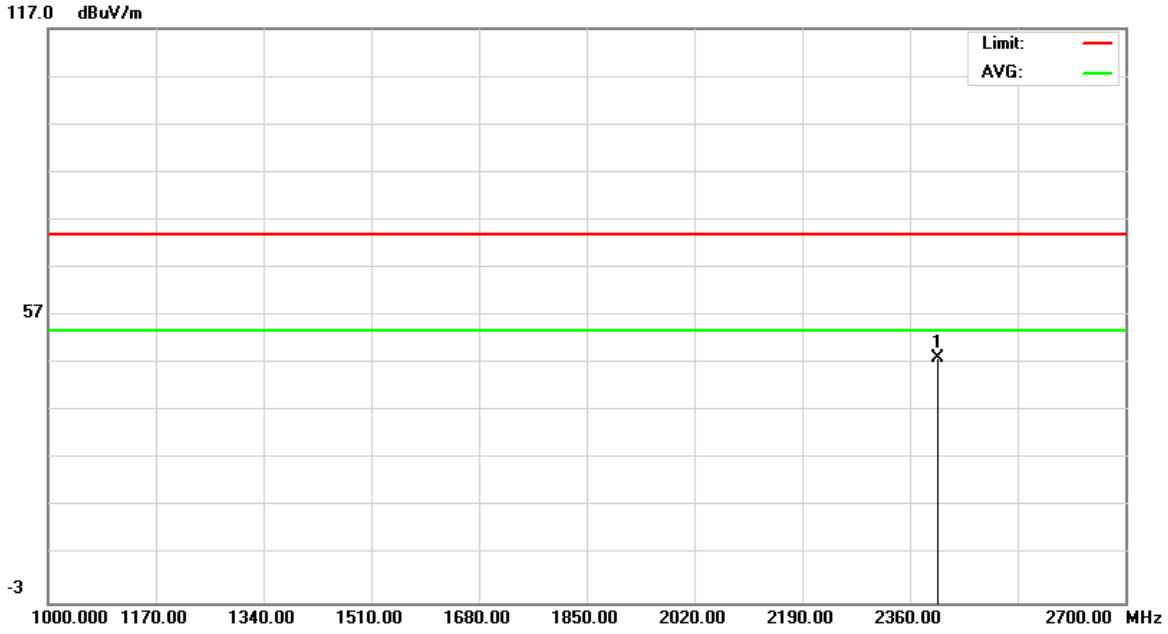
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2404.200	46.29	0.11	46.40	74.00	-27.60	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#3 Date: 2007/03/22 Time: 下午 01:47:17



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2441MHz

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

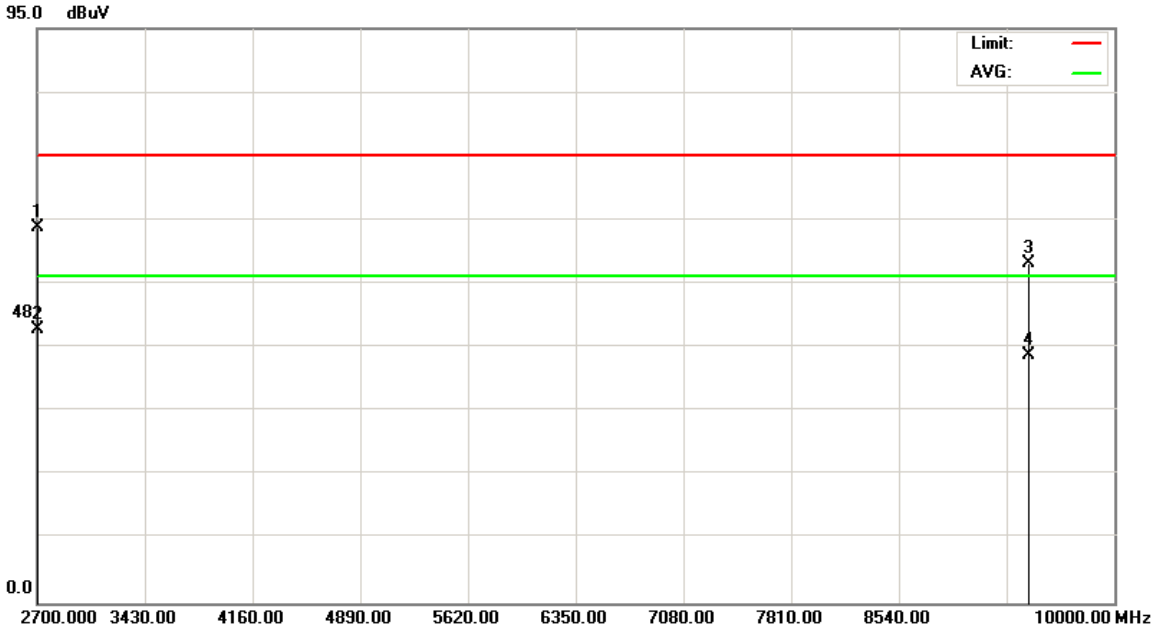
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2404.200	48.03	0.11	48.14	74.00	-25.86	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#5 Date: 2007/03/22 Time: 下午 04:10:24



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

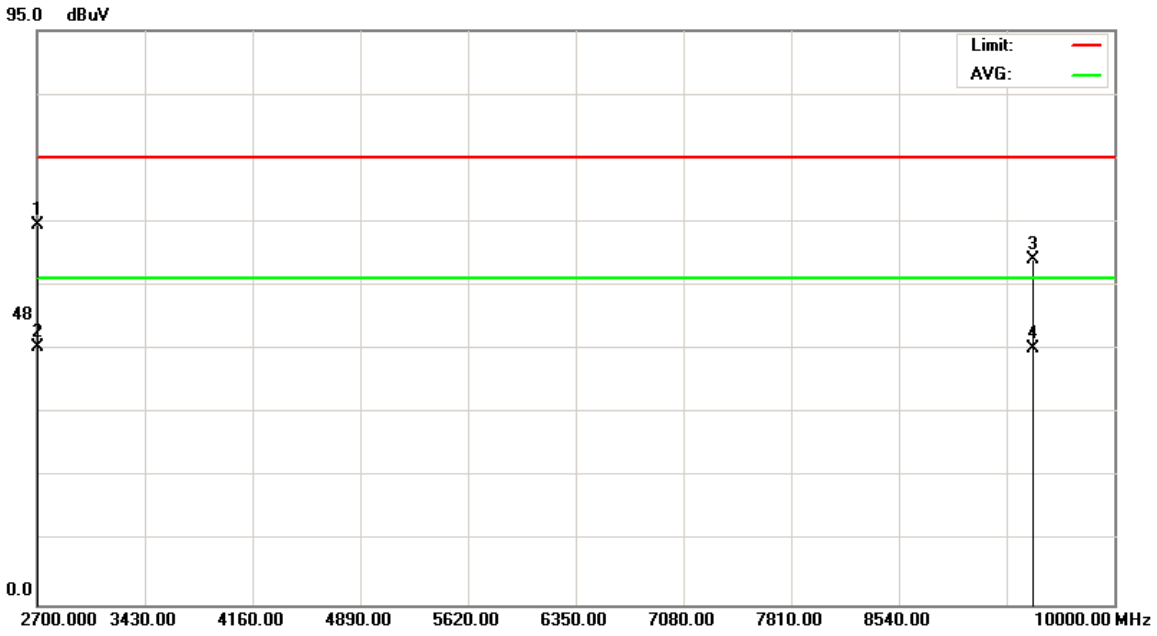
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.56	22.58	62.14	74.00	-11.86	peak	
2	*	2700.000	22.60	22.58	45.18	54.00	-8.82	AVG	
3		9416.000	39.20	17.06	56.26	74.00	-17.74	peak	
4		9416.000	23.97	17.06	41.03	54.00	-12.97	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#7 Date: 2007/03/22 Time: 下午 04:13:54



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2441MHz

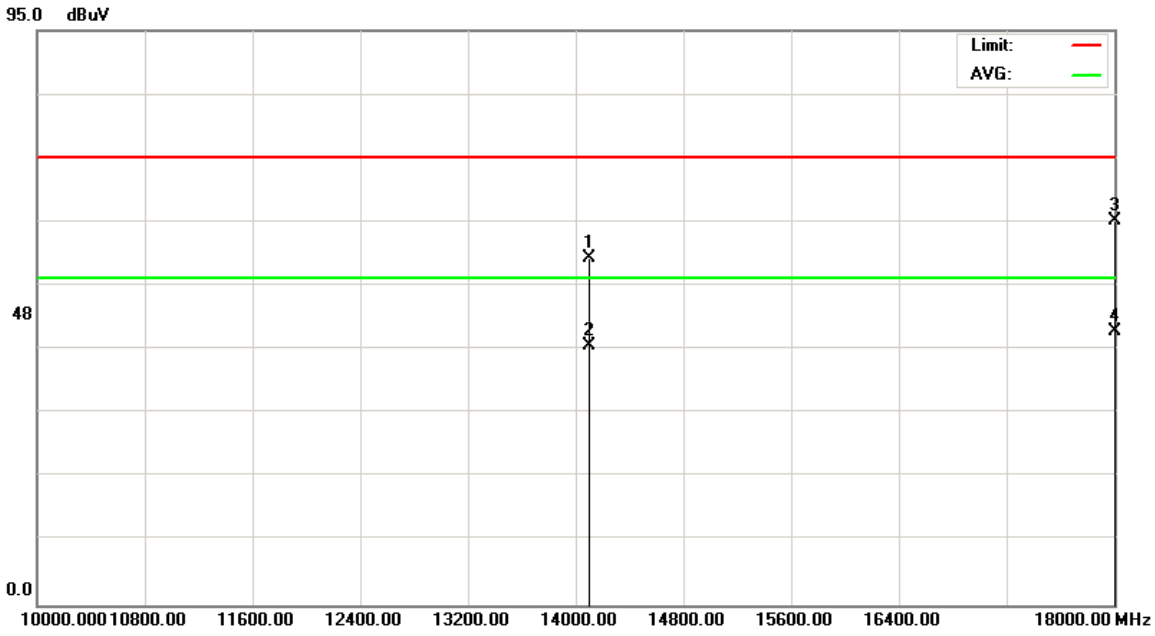
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2700.000	40.25	22.58	62.83	74.00	-11.17	peak	
2		2700.000	20.16	22.58	42.74	54.00	-11.26	AVG	
3		9452.500	40.08	17.00	57.08	74.00	-16.92	peak	
4		9452.500	25.34	17.00	42.34	54.00	-11.66	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#9 Date: 2007/03/22 Time: 下午 04:32:40



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2441MHz

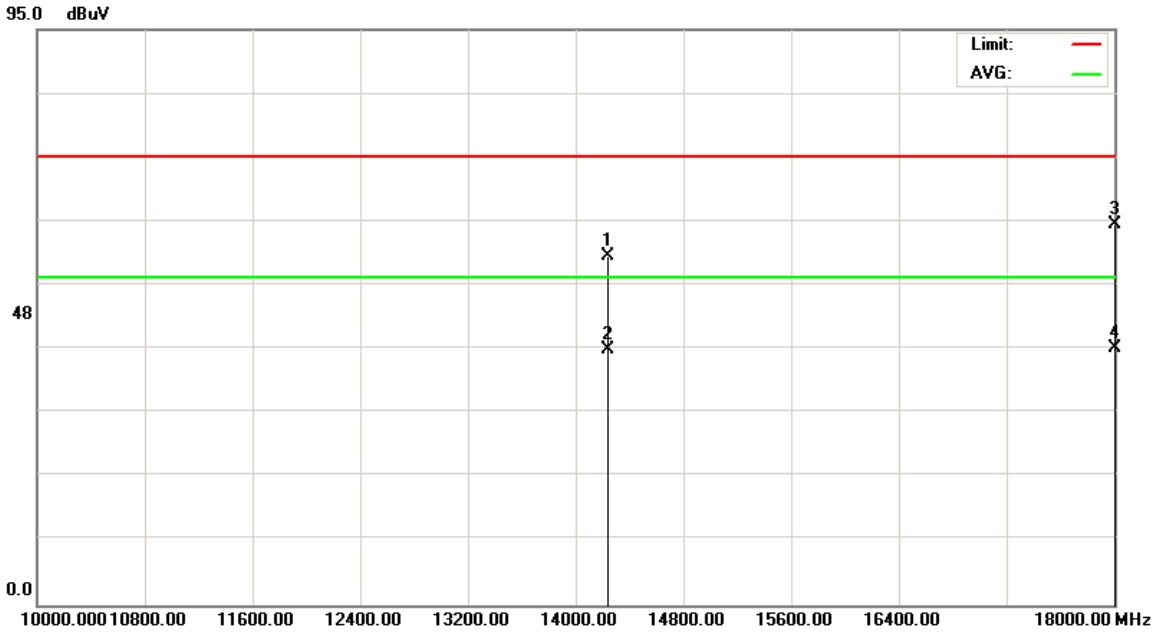
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14100.00	38.36	18.90	57.26	74.00	-16.74	peak	
2		14100.00	23.96	18.90	42.86	54.00	-11.14	AVG	
3		18000.00	38.04	25.57	63.61	74.00	-10.39	peak	
4	*	18000.00	19.58	25.57	45.15	54.00	-8.85	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2441 Data :#11 Date: 2007/03/22 Time: 下午 04:34:29



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2441MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14240.00	38.78	18.71	57.49	74.00	-16.51	peak	
2		14240.00	23.49	18.71	42.20	54.00	-11.80	AVG	
3	*	18000.00	37.36	25.57	62.93	74.00	-11.07	peak	
4		18000.00	16.72	25.57	42.29	54.00	-11.71	AVG	

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

3.6.7 Open Field Radiated Emissions (Subpart C)

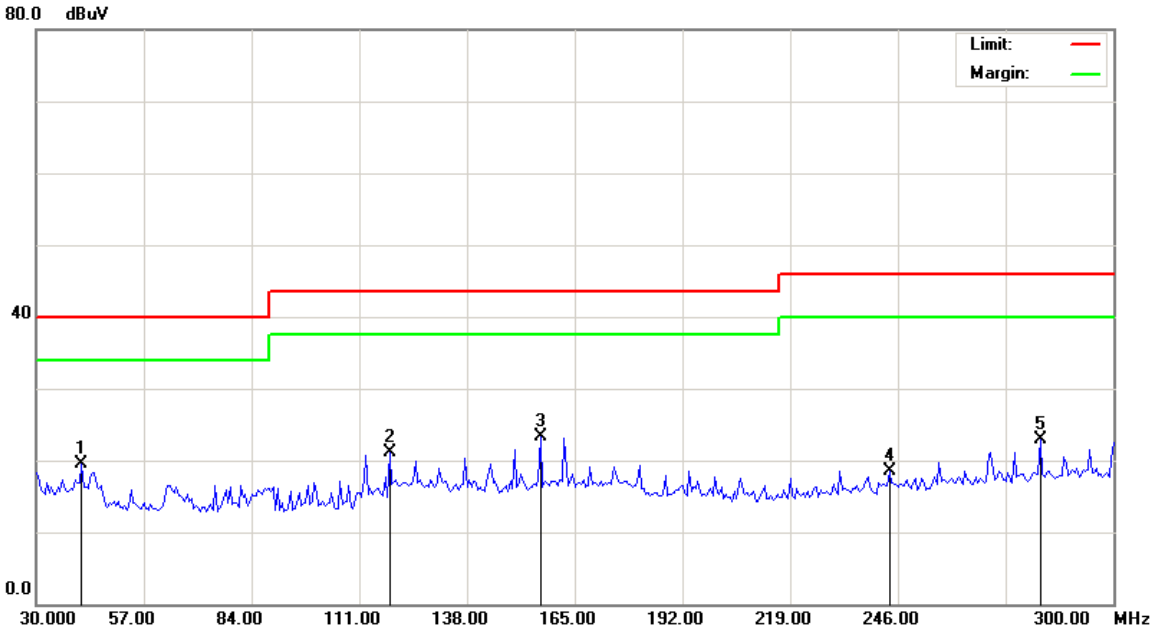
The highest peak values of radiated emissions from the EUT at various antenna heights, antenna polarization, EUT orientation, etc. are recorded on the following.

Applicant : Acer Incorporated
Model No : c500
EUT : Travel Companion
Test Mode : Bluetooth EDR CH78 2480.000 (Local Frequency: 2480.000 MHz)
Test Date : 03/21 ~ 3/22/2007
Please refer to next pager of detail testing data.
Notes:

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#9 Date: 2007/03/21 Time: 下午 10:23:44



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

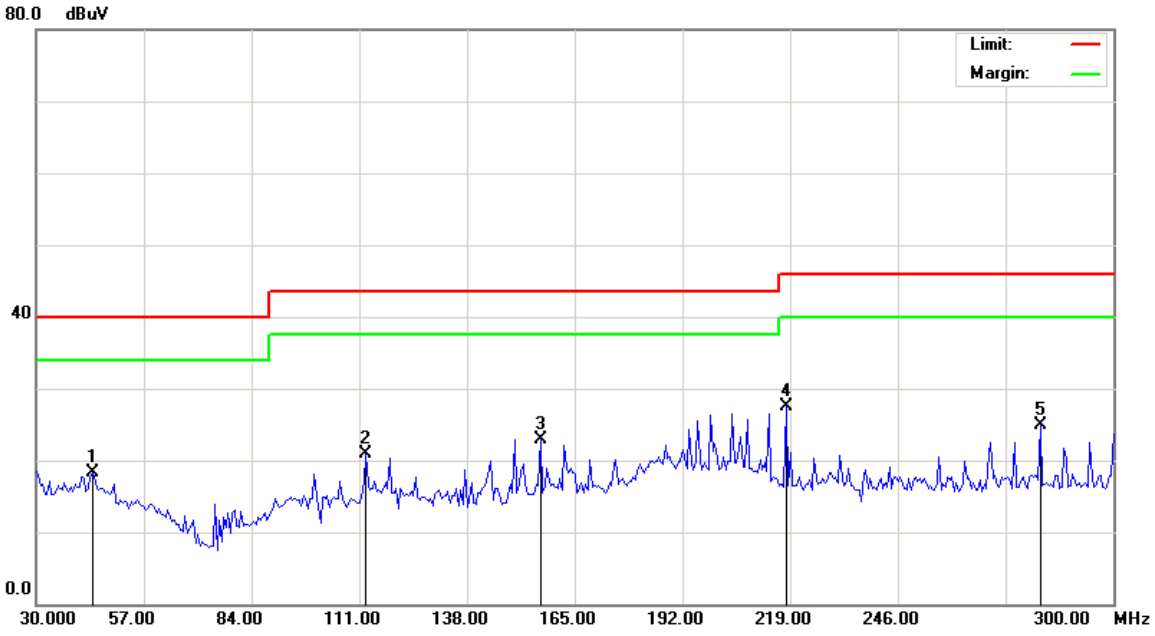
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		41.3400	31.30	-11.87	19.43	40.00	-20.57	peak	
2		118.5600	34.99	-13.95	21.04	43.50	-22.46	peak	
3	*	156.3600	39.08	-15.79	23.29	43.50	-20.21	peak	
4		243.8400	29.87	-11.30	18.57	46.00	-27.43	peak	
5		281.6399	33.31	-10.37	22.94	46.00	-23.06	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#11 Date: 2007/03/21 Time: 下午 10:41:26



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

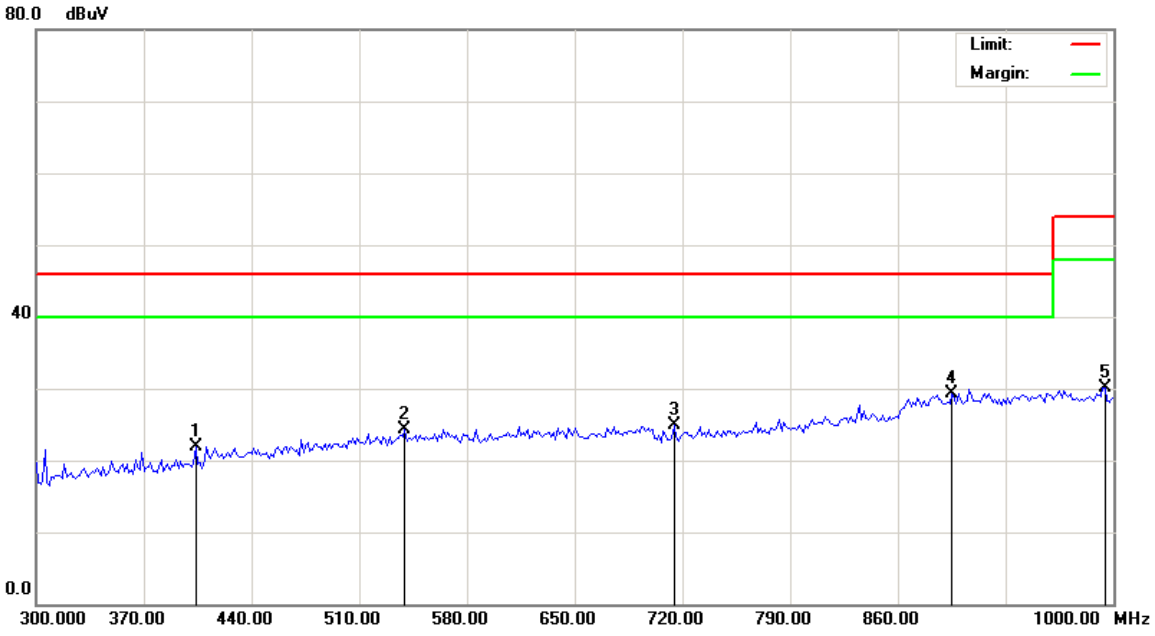
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		44.0399	30.10	-11.84	18.26	40.00	-21.74	peak	
2		112.6200	33.88	-12.95	20.93	43.50	-22.57	peak	
3		156.3600	38.70	-15.79	22.91	43.50	-20.59	peak	
4	*	217.9199	39.97	-12.52	27.45	46.00	-18.55	peak	
5		281.6399	35.18	-10.37	24.81	46.00	-21.19	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#10 Date: 2007/03/21 Time: 下午 10:28:20



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

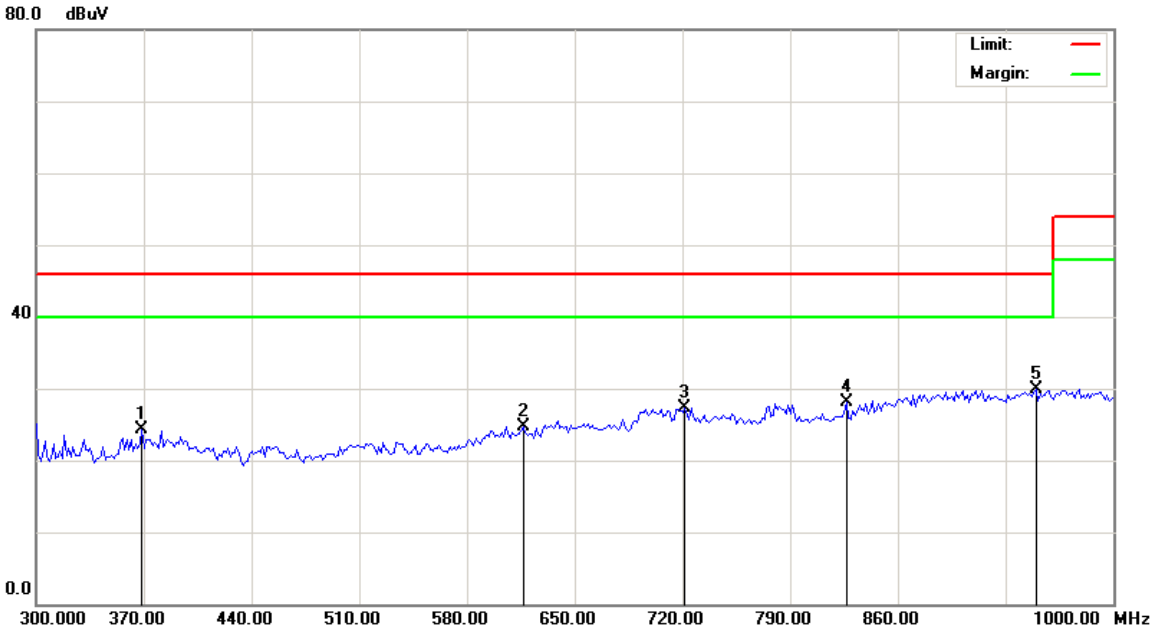
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		403.6000	30.18	-8.27	21.91	46.00	-24.09	peak	
2		539.3999	30.43	-6.08	24.35	46.00	-21.65	peak	
3		714.3999	28.55	-3.64	24.91	46.00	-21.09	peak	
4	*	895.0000	29.81	-0.51	29.30	46.00	-16.70	peak	
5		994.3999	29.37	0.80	30.17	54.00	-23.83	peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)1G以下 Data :#12 Date: 2007/03/21 Time: 下午 10:58:31



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

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

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

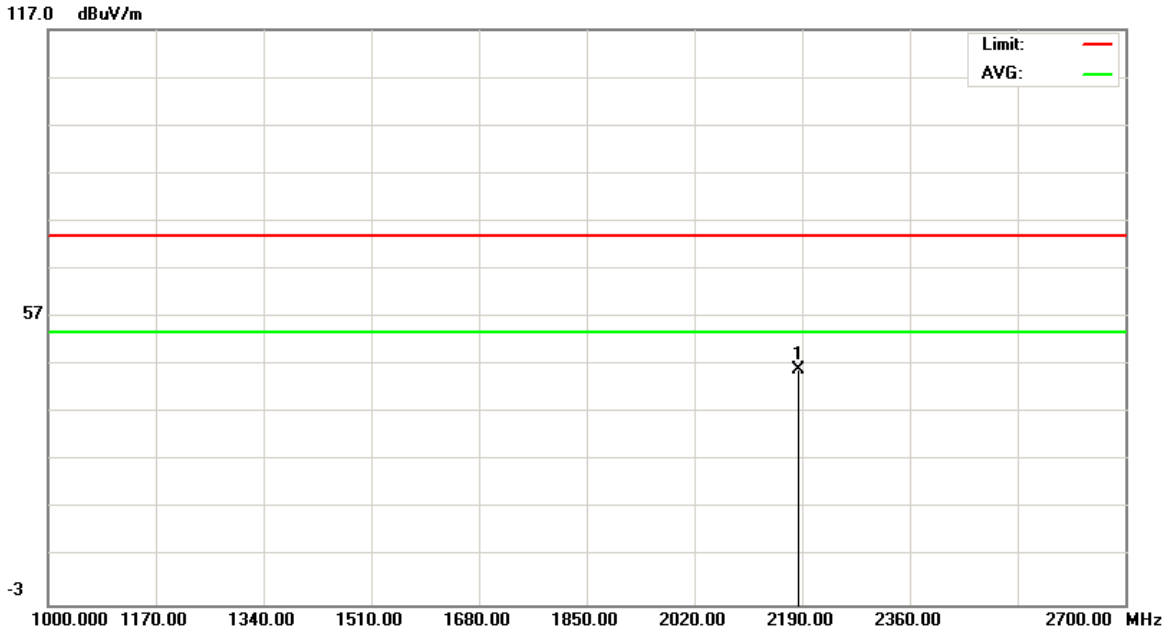
10G - 18G AV PRE Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		368.6000	32.98	-8.70	24.28	46.00	-21.72	peak	
2		616.3999	29.18	-4.39	24.79	46.00	-21.21	peak	
3		721.3999	30.78	-3.55	27.23	46.00	-18.77	peak	
4		826.3999	29.66	-1.48	28.18	46.00	-17.82	peak	
5	*	949.6000	29.72	0.21	29.93	46.00	-16.07	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#1 Date: 2007/03/22 Time: 下午 01:38:34



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2480MHz

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

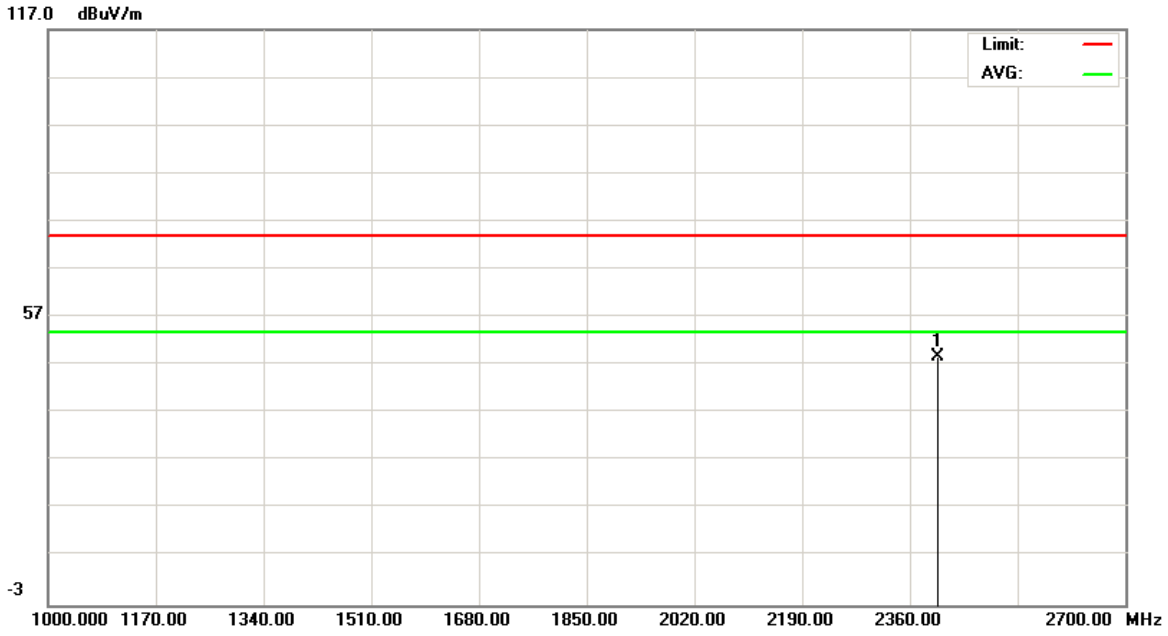
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2183.200	45.66	0.30	45.96	74.00	-28.04	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#3 Date: 2007/03/22 Time: 下午 01:43:34



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: PDA
M/N: c500
Mode: BT EDR
Note: 2480MHz

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

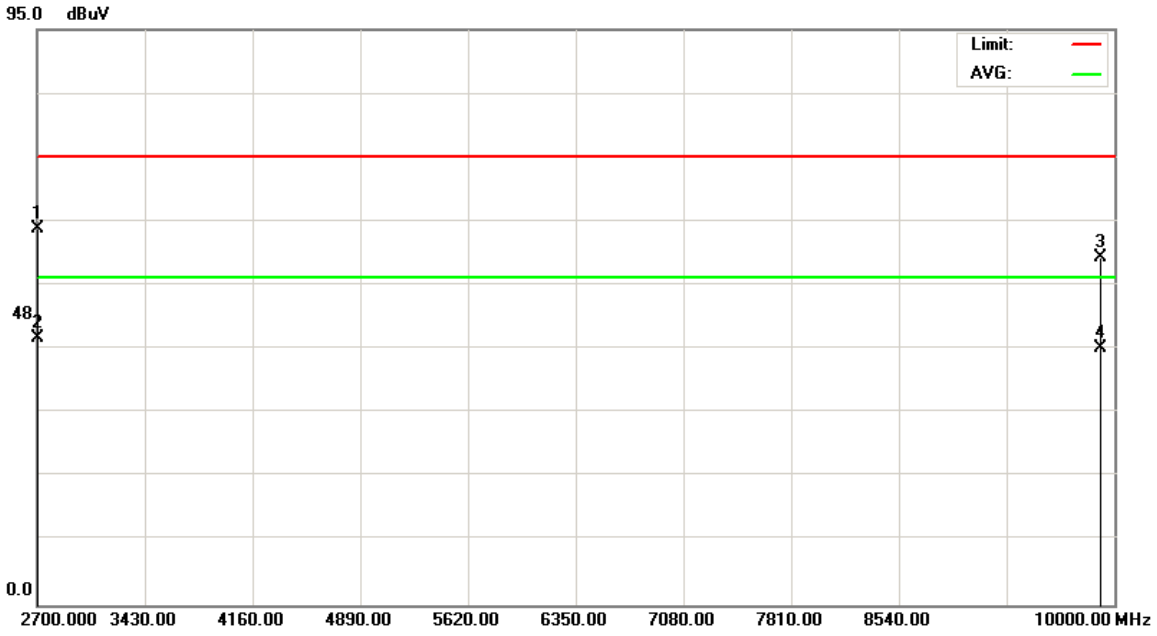
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2404.200	48.50	0.11	48.61	74.00	-25.39	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#5 Date: 2007/03/22 Time: 下午 04:20:57



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

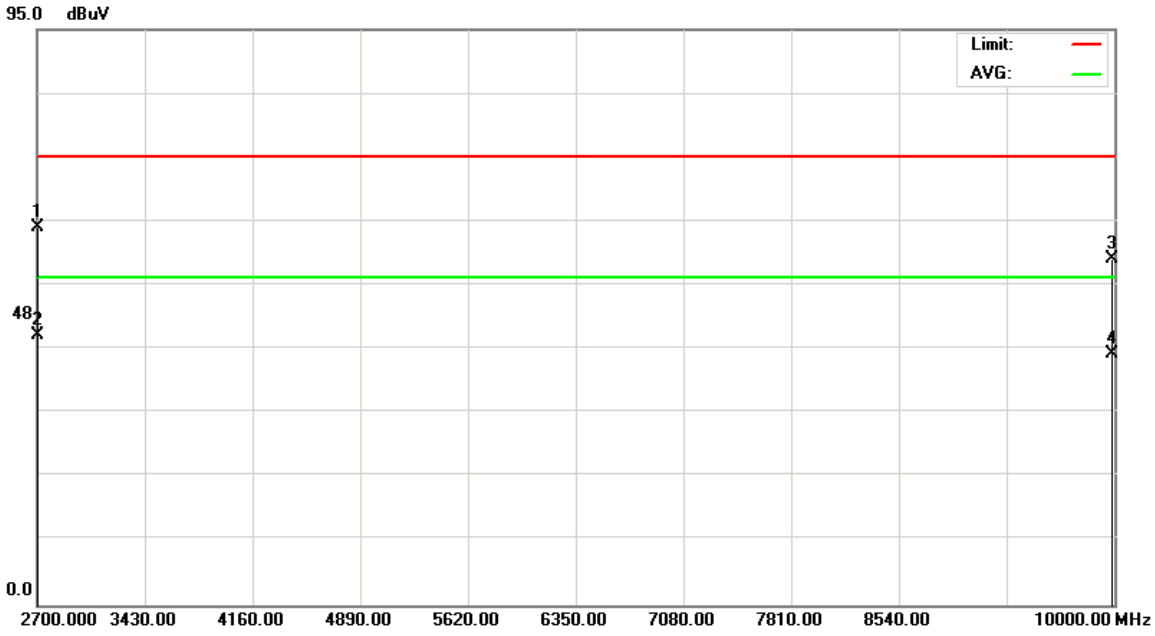
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.42	22.58	62.00	74.00	-12.00	peak	
2	*	2700.000	21.44	22.58	44.02	54.00	-9.98	AVG	
3		9908.750	39.59	17.78	57.37	74.00	-16.63	peak	
4		9908.750	24.69	17.78	42.47	54.00	-11.53	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#7 Date: 2007/03/22 Time: 下午 04:23:44



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 3m

M/N: c500

Mode: BT EDR

Note: 2480MHz

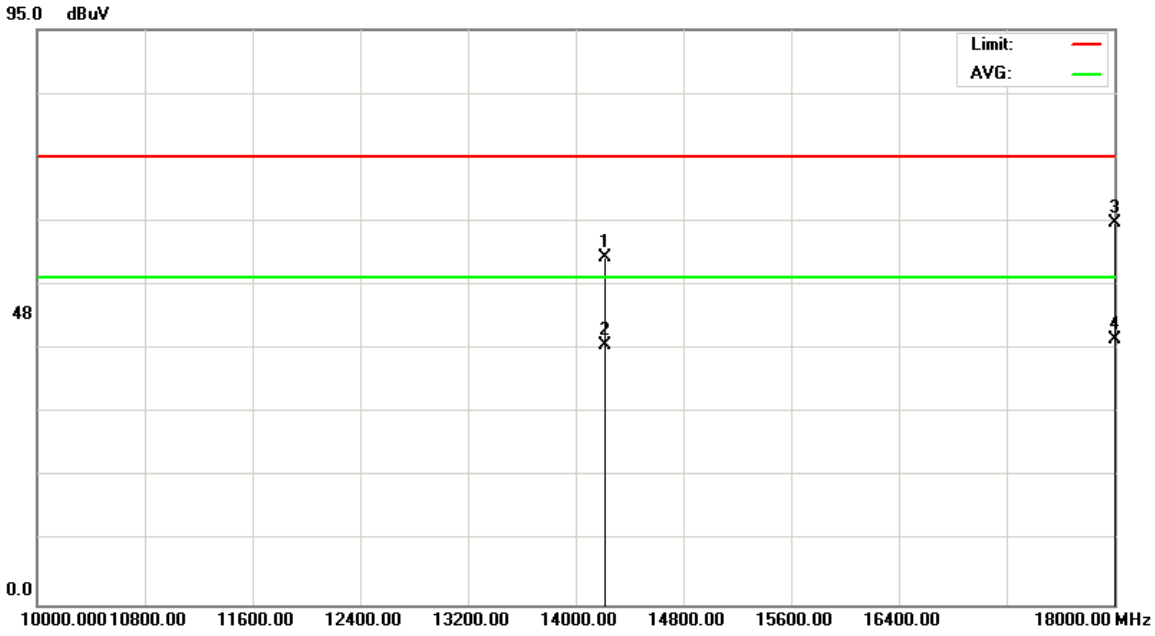
2.7G-10G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		2700.000	39.77	22.58	62.35	74.00	-11.65	peak	
2	*	2700.000	21.95	22.58	44.53	54.00	-9.47	AVG	
3		9981.750	39.17	17.88	57.05	74.00	-16.95	peak	
4		9981.750	23.47	17.88	41.35	54.00	-12.65	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#9 Date: 2007/03/22 Time: 下午 04:38:56



Site 966半電波暗室 Polarization: *Vertical* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2480MHz

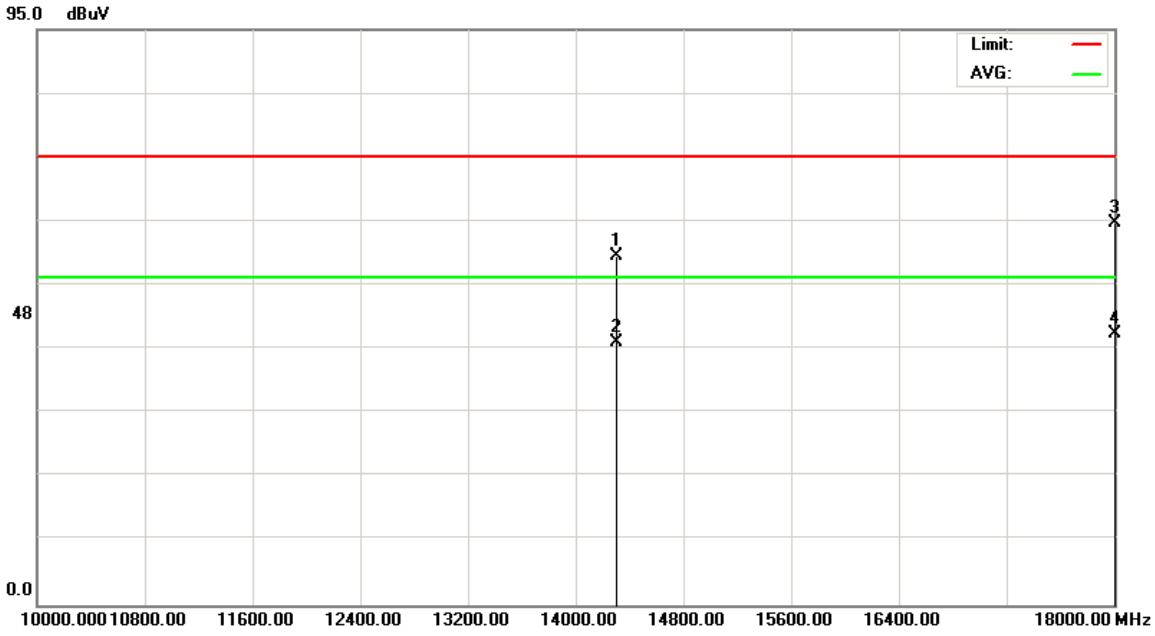
10G - 18G PK Scan Att:0 ; REF:95 ; Range:95(EUT Power Lever:255)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14220.00	38.46	18.78	57.24	74.00	-16.76	peak	
2		14220.00	24.14	18.78	42.92	54.00	-11.08	AVG	
3		18000.00	37.40	25.57	62.97	74.00	-11.03	peak	
4	*	18000.00	18.25	25.57	43.82	54.00	-10.18	AVG	

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

Radiated Emission Measurement

File :C500(03-22-2007)2480 Data :#11 Date: 2007/03/22 Time: 下午 04:40:46



Site 966半電波暗室 Polarization: *Horizontal* Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: PDA Distance: 1m

M/N: c500

Mode: BT EDR

Note: 2480MHz

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

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		14300.00	39.02	18.61	57.63	74.00	-16.37	peak	
2		14300.00	24.80	18.61	43.41	54.00	-10.59	AVG	
3		18000.00	37.48	25.57	63.05	74.00	-10.95	peak	
4	*	18000.00	19.19	25.57	44.76	54.00	-9.24	AVG	

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

4. Maximum Conducted Output Power Requirements

4.1 Test Condition & Setup:

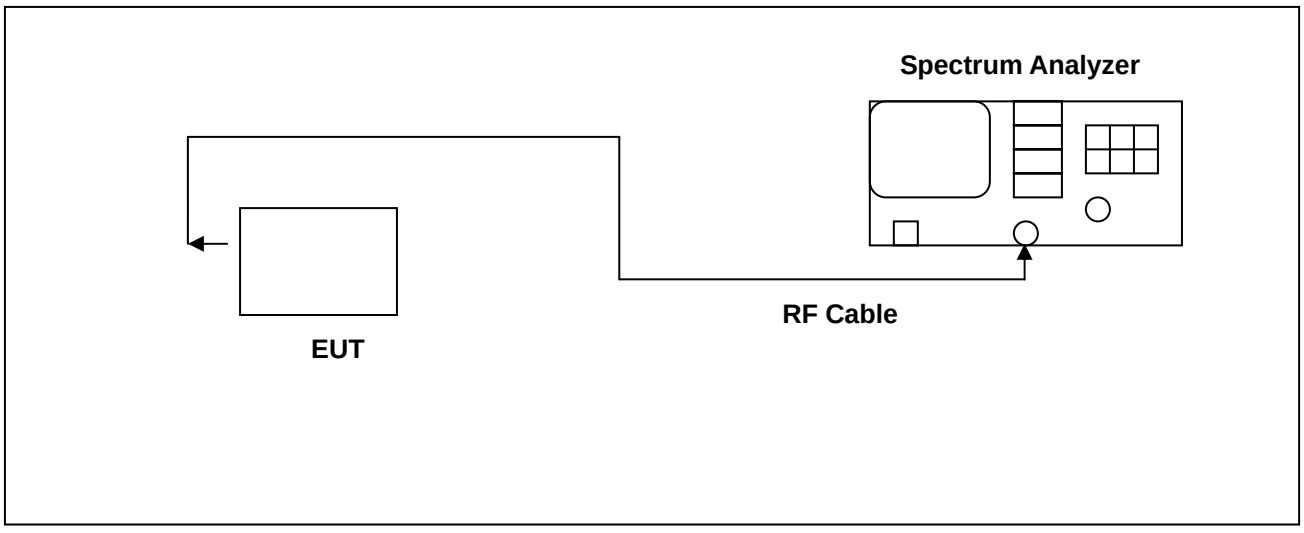
The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to spectrum analyzer. The maximum peak output power shall not exceed 1 watt.

Use a direct connection between the antenna port of transmitter and the spectrum Analyzer, for prevent the spectrum analyzer input attenuation 40-50 dB. Set the RBW Bandwidth of the emission or use a channel power meter mode.

For antennas with gains of 6 dBi or less, maximum allowed transmitter output is 1 watt (+30 dBm). For antennas with gains greater than 6 dBi, transmitter output level must be decreased by an amount equal to (GAIN - 6)/3 dBm.

The antenna port of the EUT was connected to the input of a power meter. Power was read directly and cable loss correction was added to the reading to obtain power at the EUT antenna terminals.

4.2 Test Instruments Configuration:



4.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007

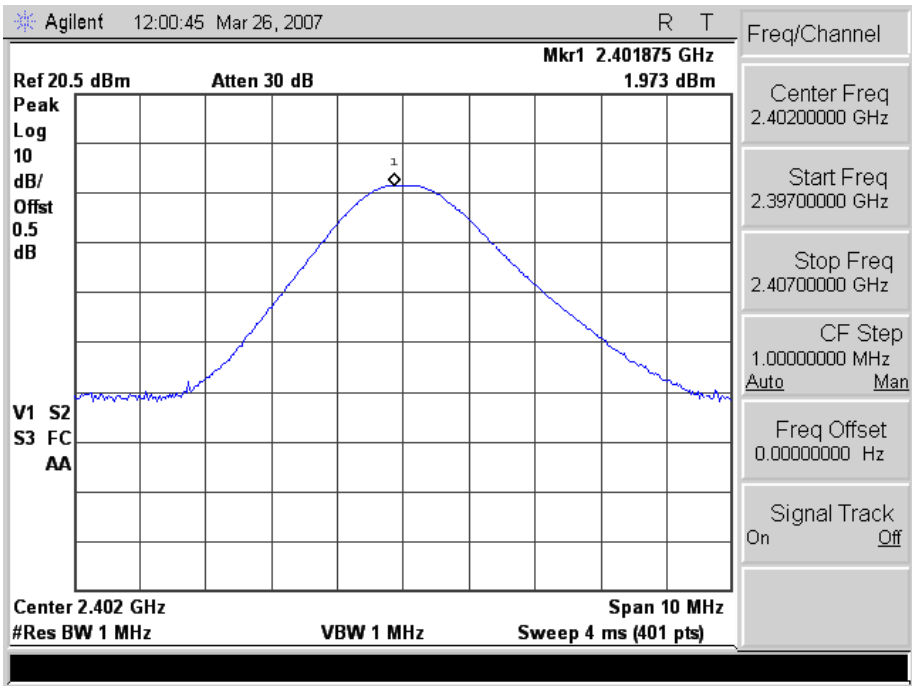
4.4 Test Result _ Bluetooth 2.0 Mode:

Frequency (MHz)	Output (dBm)	Required Limit
2402	1.973	<30dBm
2441	1.809	<30dBm
2480	1.447	<30dBm

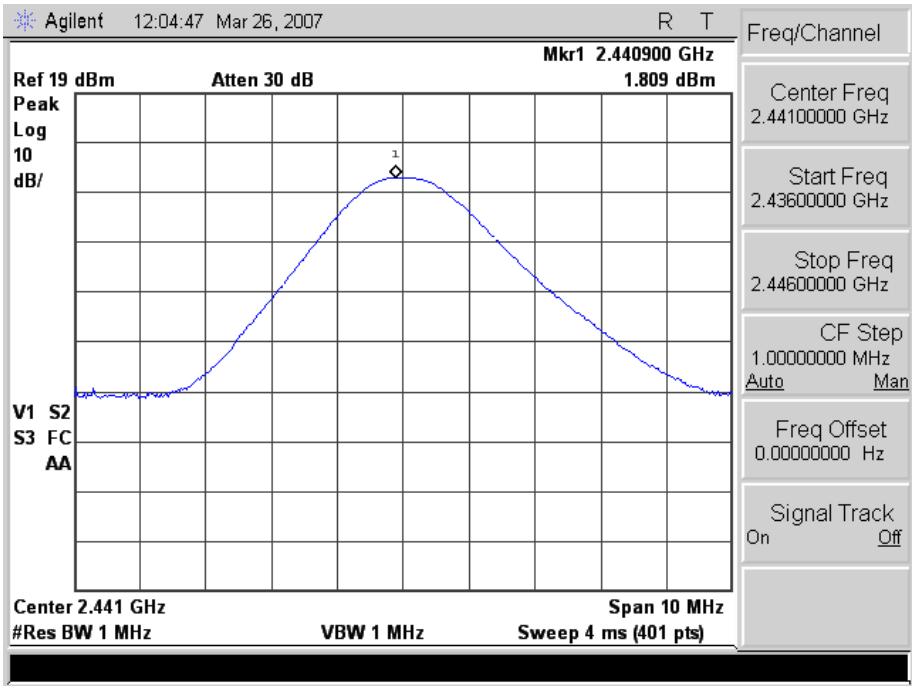
Note: Test Graphs See next page.

4.5 Test Graphs _ Bluetooth 2.0 Mode:

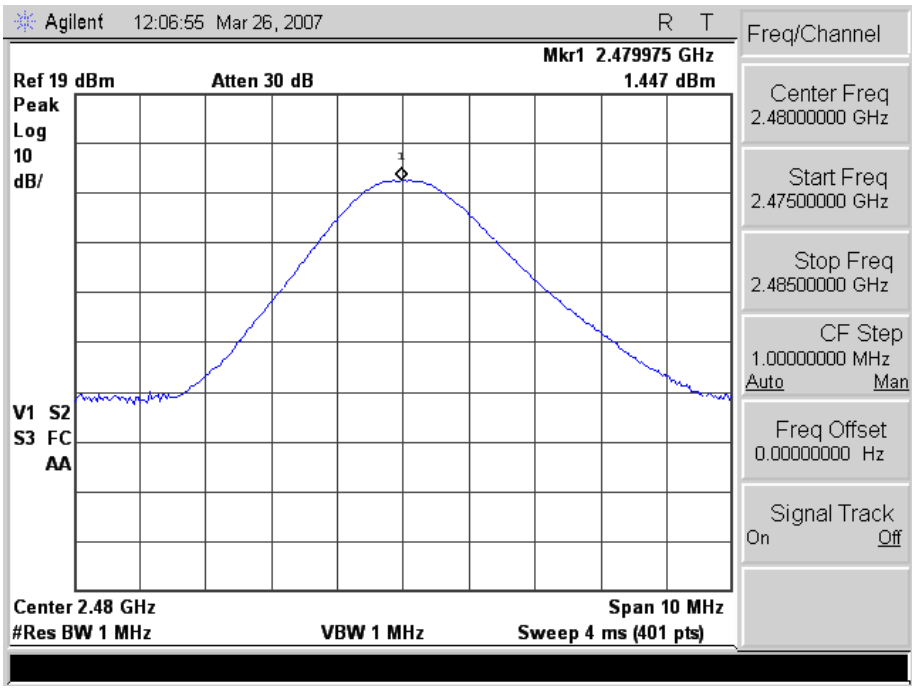
FHSS CH00 (2402MHz) _ Bluetooth 2.0 Mode



FHSS CH39 (2441MHz) _ Bluetooth 2.0 Mode



FHSS CH78 (2480MHz) _ Bluetooth 2.0 Mode



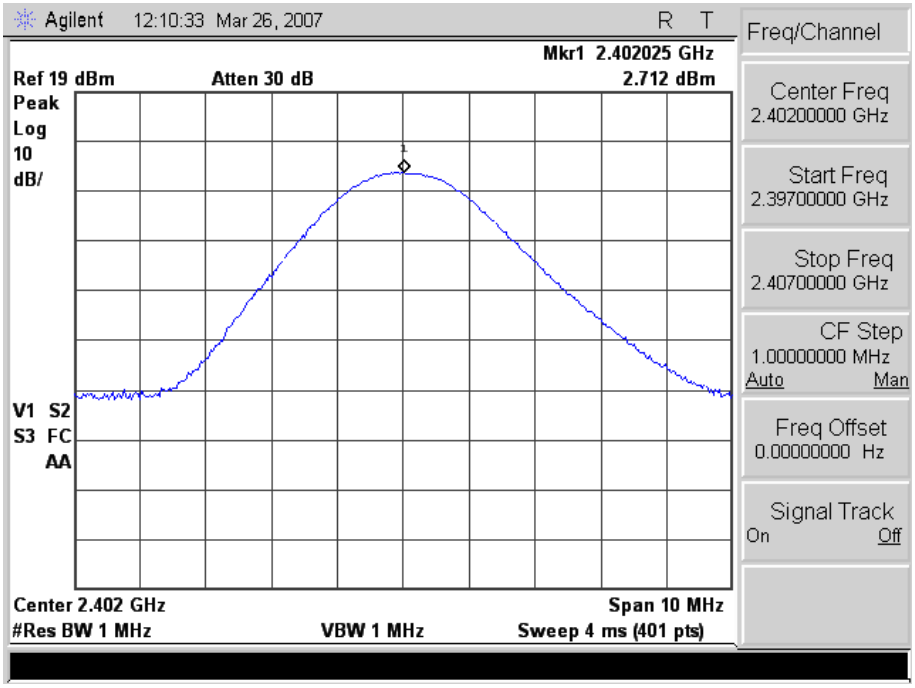
4.6 Test Result _ Bluetooth EDR Mode:

Frequency (MHz)	Output (dBm)	Required Limit
2402	2.712	<30dBm
2441	2.826	<30dBm
2480	2.503	<30dBm

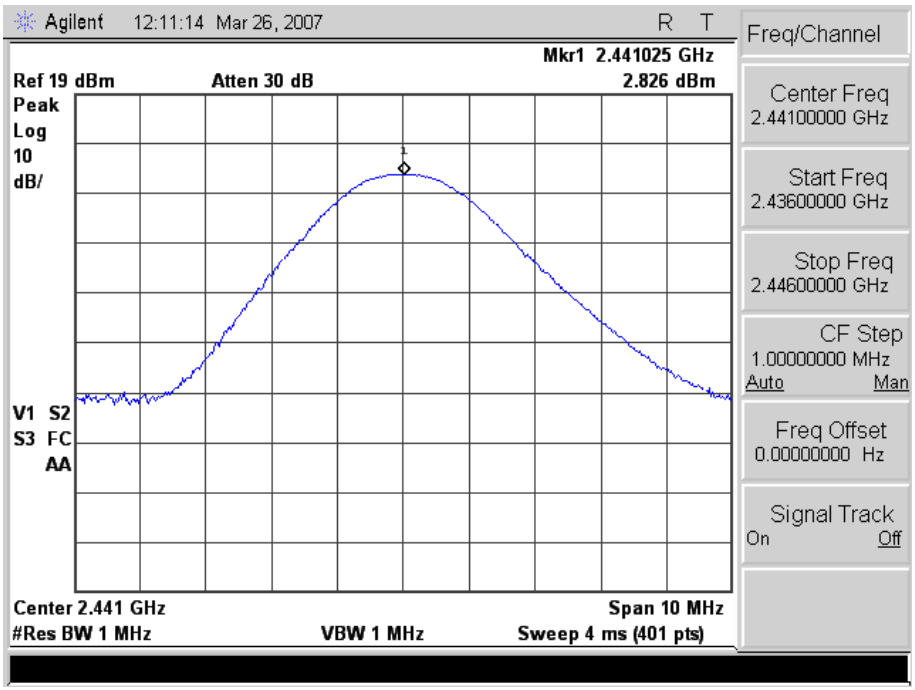
Note: Test Graphs See next page.

4.7 Test Graphs _ Bluetooth EDR Mode:

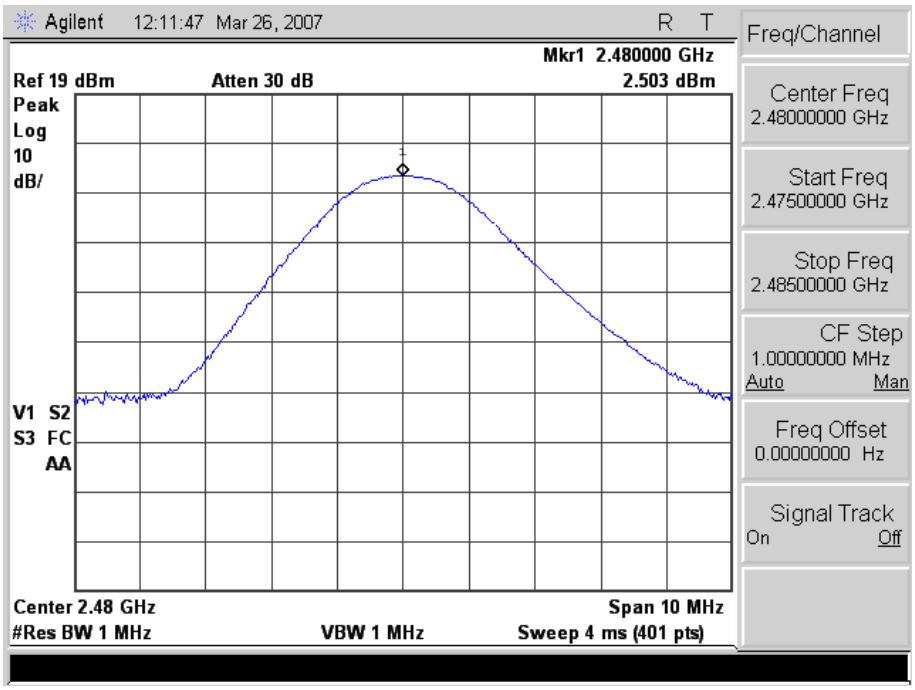
FHSS CH00 (2402MHz) _ Bluetooth EDR Mode



FHSS CH39 (2441MHz) _ Bluetooth EDR Mode



FHSS CH78 (2480MHz) _ Bluetooth EDR Mode



5. Minimum 20dB RF Bandwidth Requirements

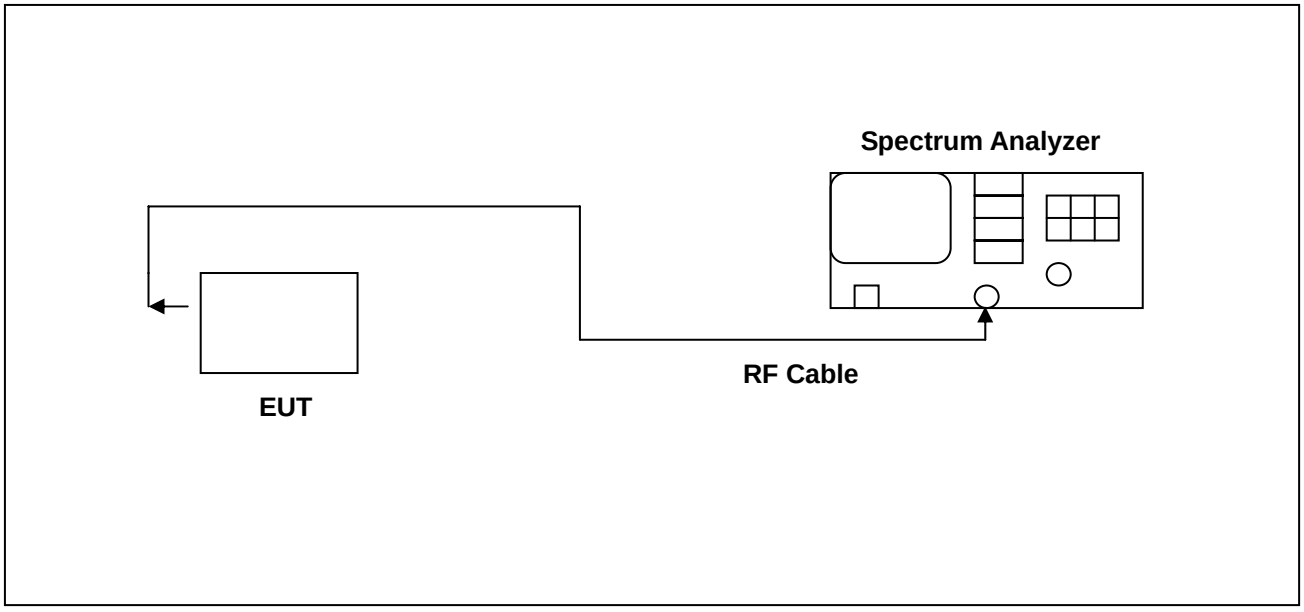
5.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage. The Bluetooth frequency hopping function of the EUT was enabled. The spectrum analyzer used the following settings:

1. Span = approx. 2 to 3 times the 20dB bandwidth, centered on a hopping frequency
2. RBW ≥ 1% of the 20dB span
3. VBW ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize. The EUT was transmitting at its maximum data rate. The marker-to-peak function was used to set the marker to the peak of the emission. The marker-delta function was used to measure 20dB down one side of the emission. The marker-delta function and marker was moved to the other side of the emission until it was even with the reference marker. The marker-delta reading at this point was the 20dB bandwidth of the emission.

5.2 Test Instruments Configuration:



5.3 Test Equipment List:

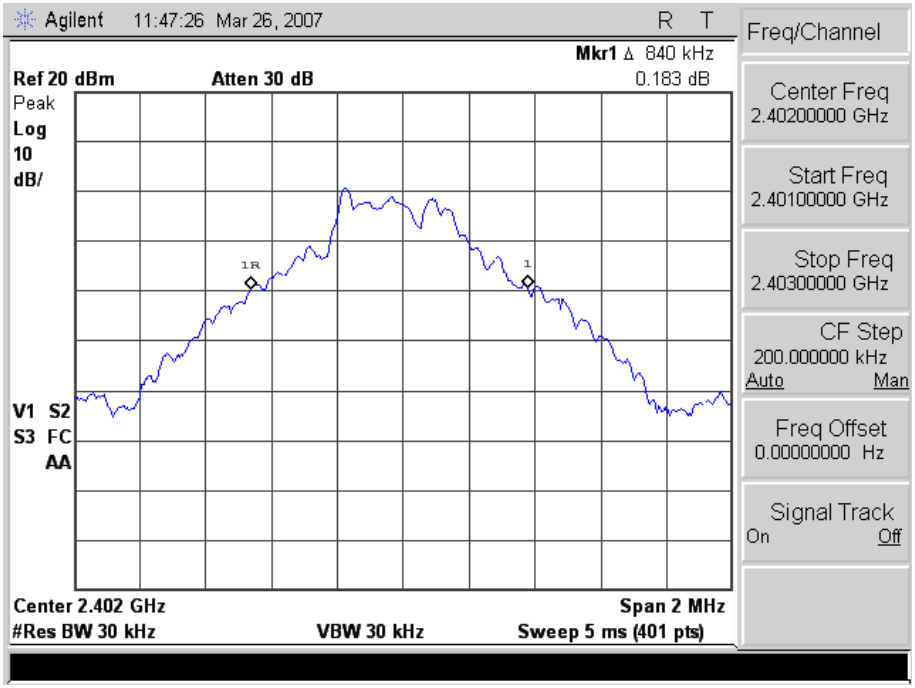
Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007

5.4 Test Result _ Bluetooth 2.0 Mode:

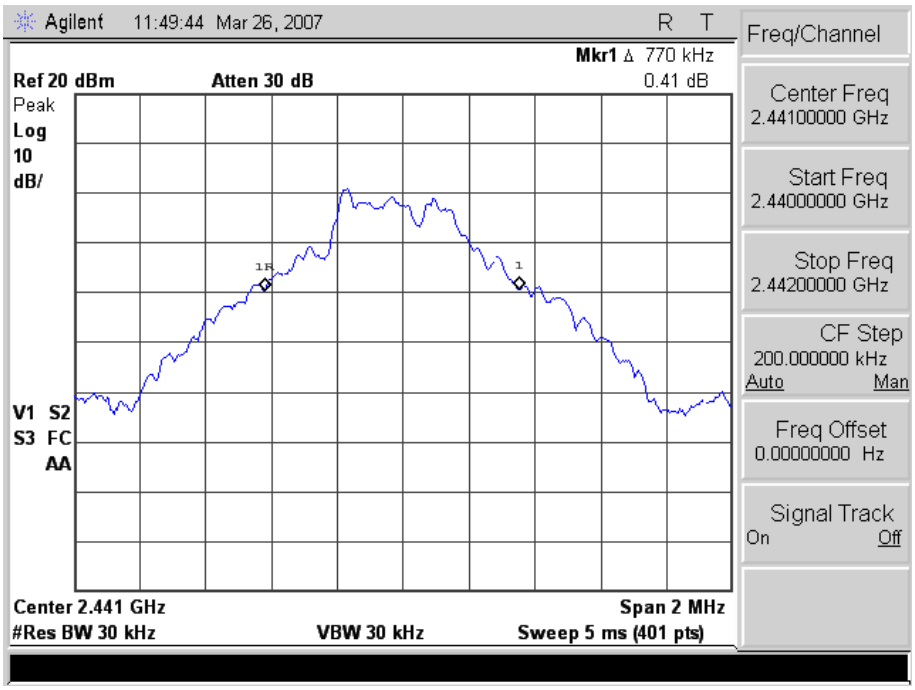
Frequency (MHz)	Max 20dB Bandwidth (KHz)	2/3 Max 20dB Bandwidth (KHz)	Required Limit
2402	840	560	<1MHz
2441	770	513.33	<1MHz
2480	795	530	<1MHz

5.5 Test Graphs_ Bluetooth 2.0 Mode:

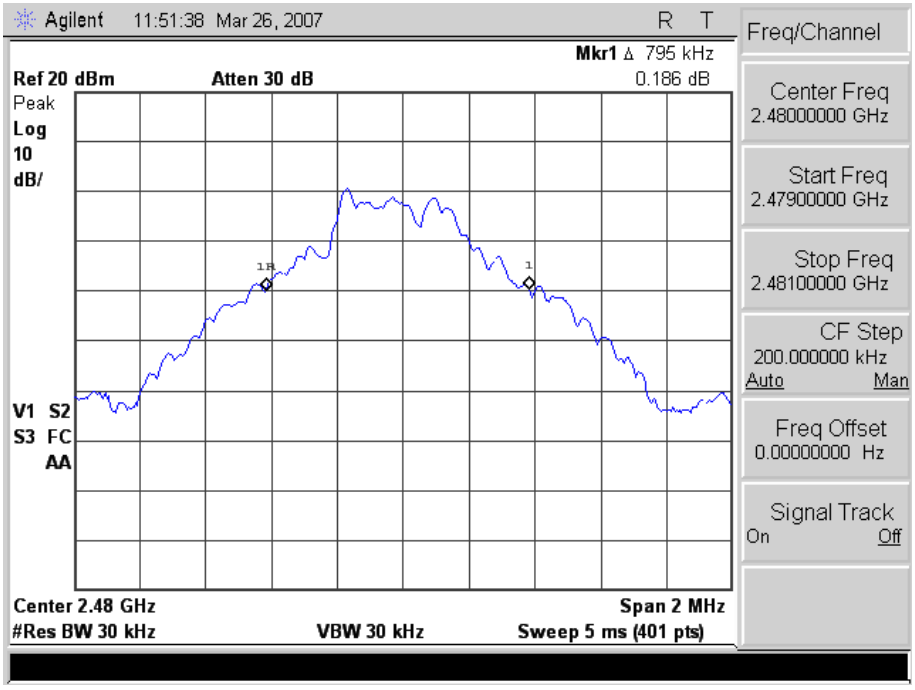
FHSS CH00 (2412MHz) _ Bluetooth 2.0 Mode



FHSS CH39 (2441MHz) _ Bluetooth 2.0 Mode



FHSS CH78 (2480MHz) _ Bluetooth 2.0 Mode

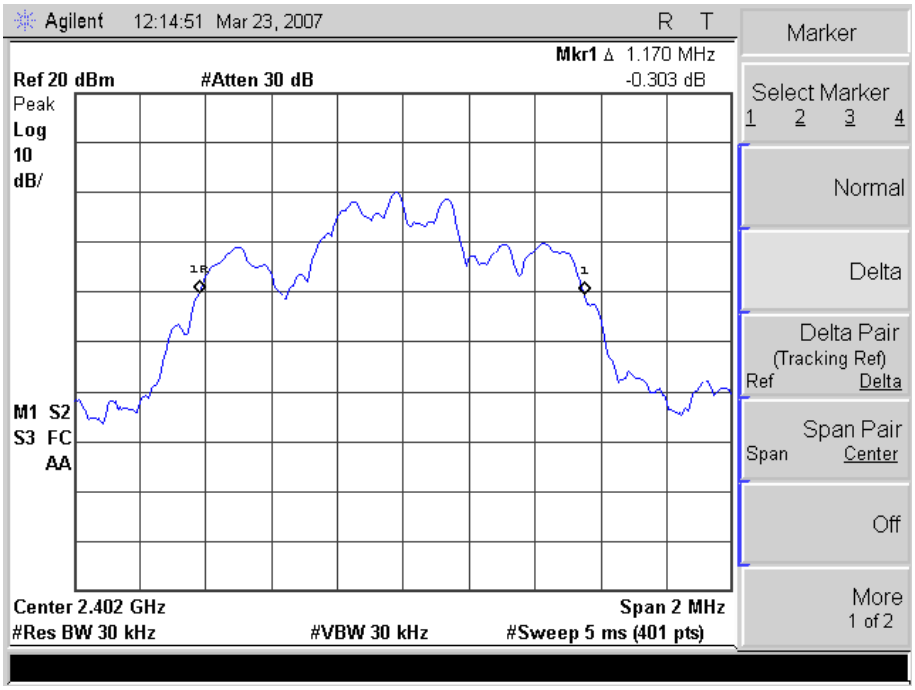


5.6 Test Result_ Bluetooth EDR Mode:

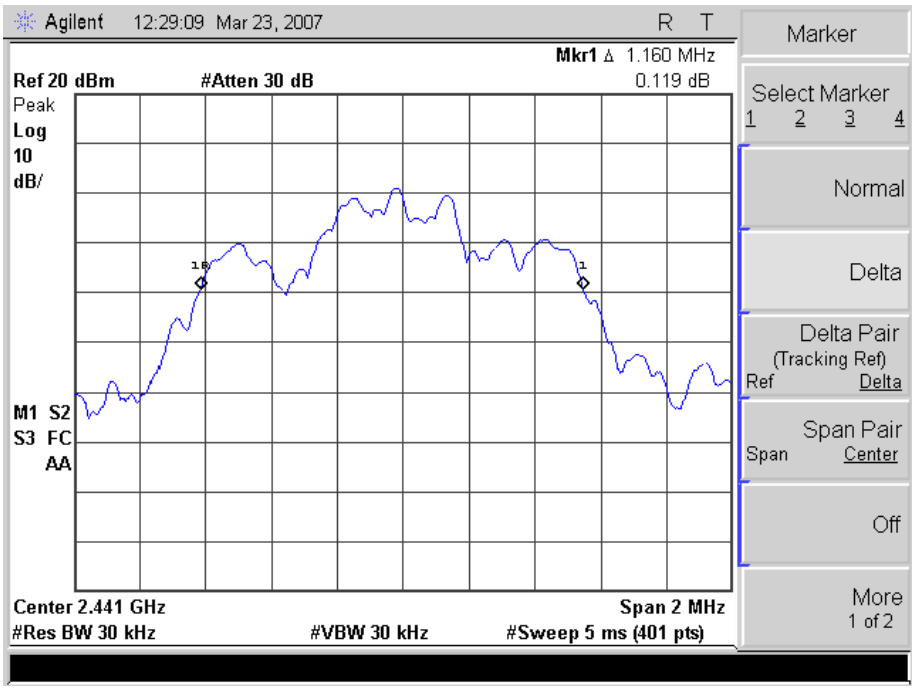
Frequency (MHz)	Max 20dB Bandwidth (KHz)	2/3 Max 20dB Bandwidth (KHz)	Required Limit
2402	1170	780	<1MHz
2441	1160	773.33	<1MHz
2480	1165	776.67	<1MHz

5.7 Test Graphs_ Bluetooth EDR Mode:

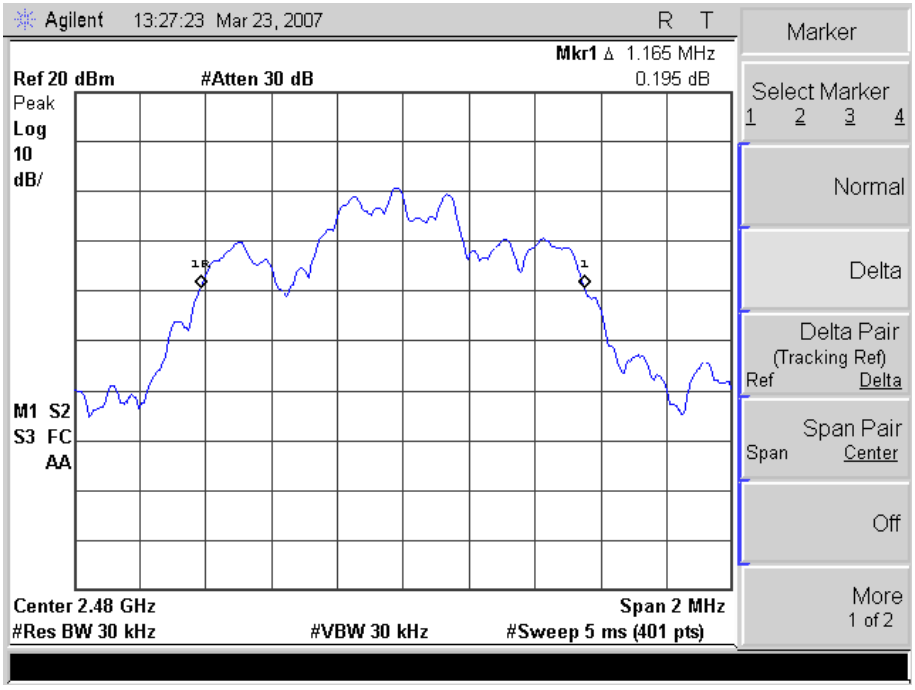
FHSS CH00 (2412MHz) _ Bluetooth EDR Mode



FHSS CH39 (2441MHz) _ Bluetooth EDR Mode



FHSS CH78 (2480MHz) _ Bluetooth EDR Mode



6. Carrier Frequency Separation Requirements

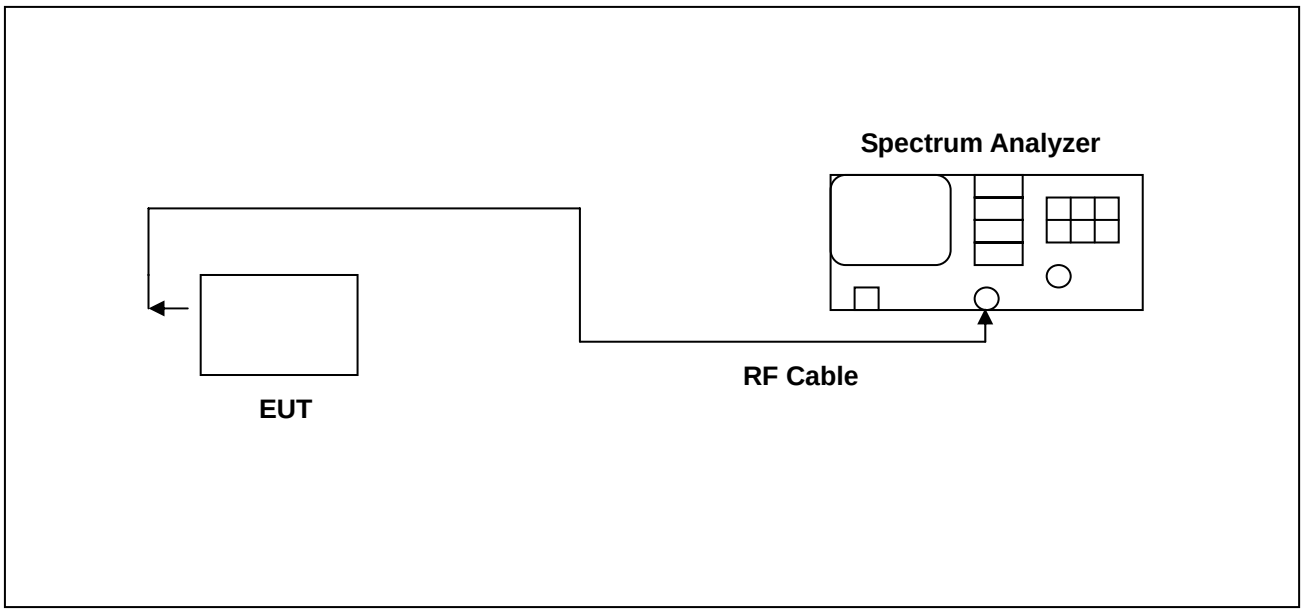
6.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage. The Bluetooth transmitter of the V6 had its hopping function enabled. The following spectrum analyzer settings were used:

1. Span = wide enough to capture the peaks of two adjacent channels
2. Resolution (or IF) Bandwidth (RBW) ≥ 1% of the span
3. Video (or Average) Bandwidth (VBW) ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize. The marker-delta function was used to determine the separation between the peaks of the adjacent channels.

6.2 Test Instruments Configuration:

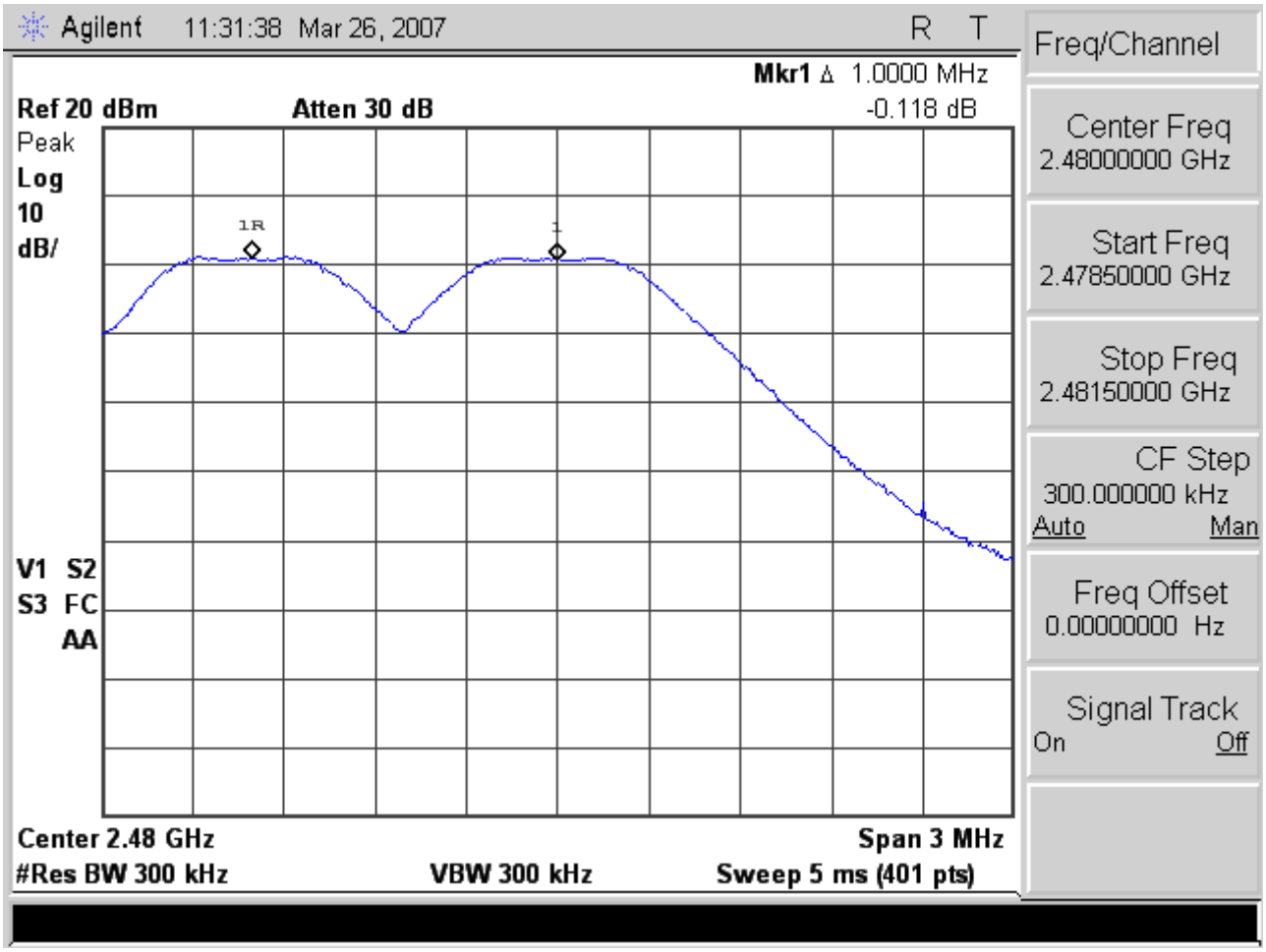


6.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

6.4 Test Result:

Carrier Frequency Separation Measure:	1MHz



7. Number of Hopping Requirements

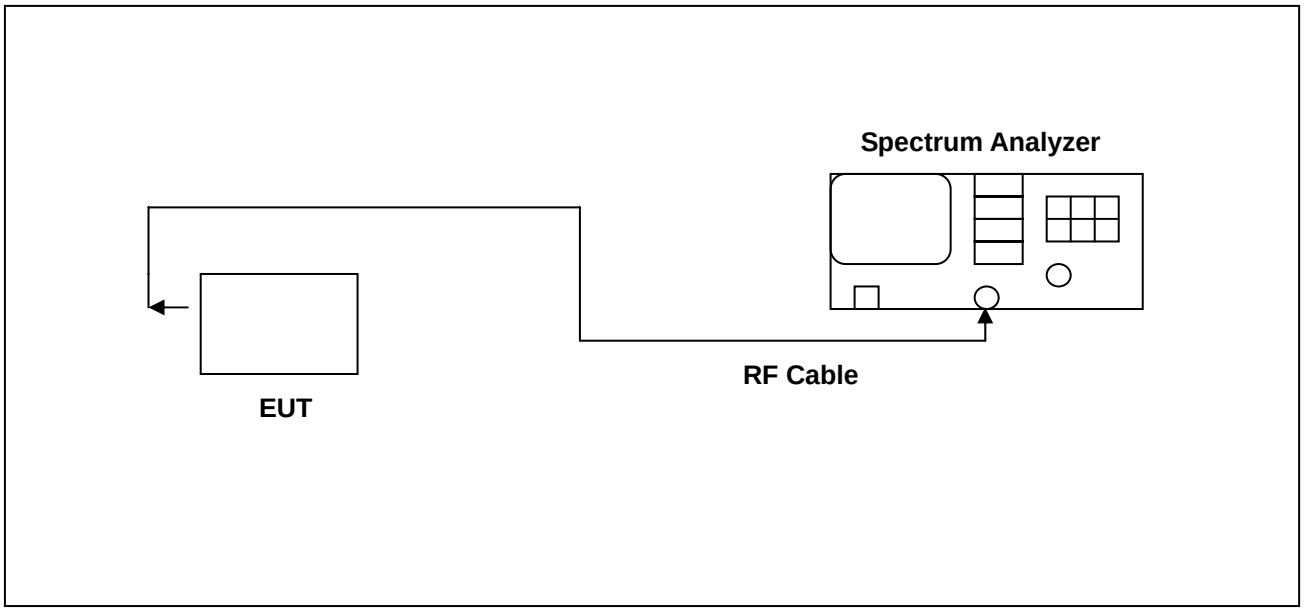
7.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage. The Bluetooth frequency hopping function of the EUT was enabled. The spectrum analyzer used the following settings:

1. Span = the frequency band of operation
2. RBW ≥ 1% of the span
3. VBW ≥ RBW
4. Sweep = auto
5. Detector function = peak
6. Trace = max hold

The trace was allowed to stabilize.

7.2 Test Instruments Configuration:



7.3 Test Equipment List:

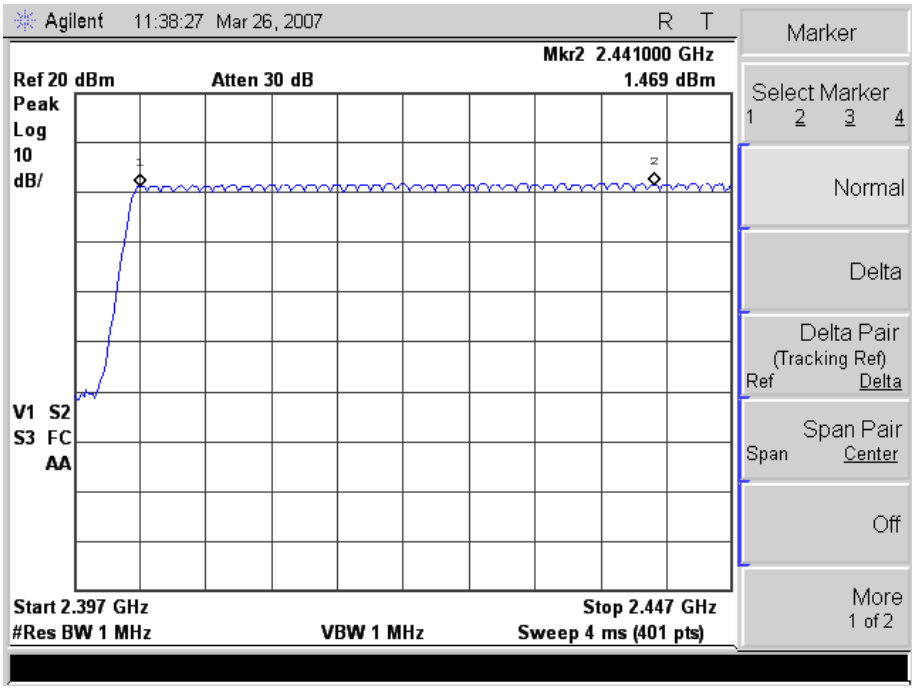
Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

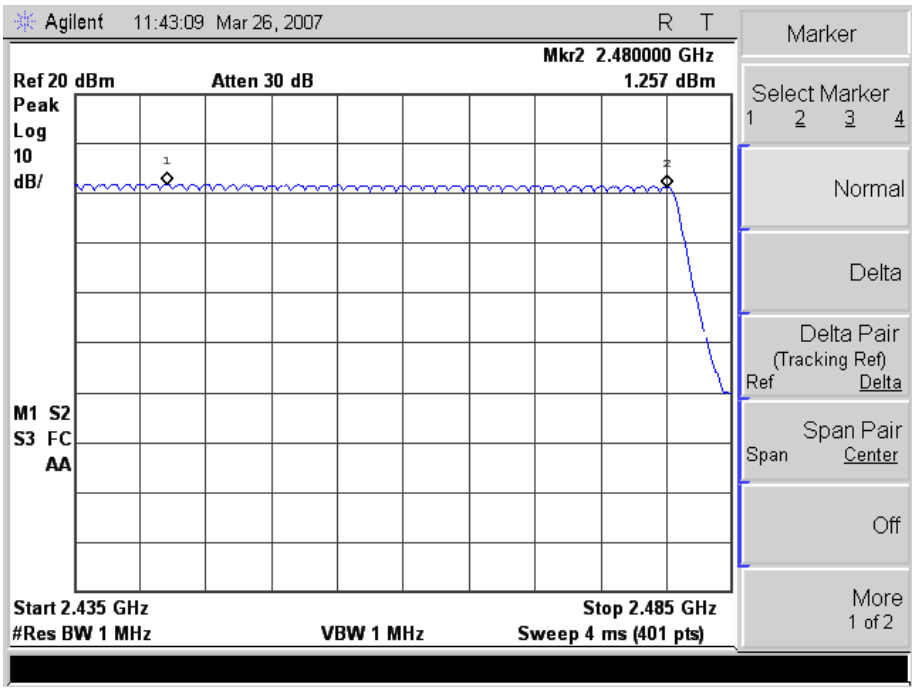
7.4 Test Result:

Number of Hopping Measure:	79CH

Note: Test Graphs See next page.

7.5 Test Graphs (CH0~CH39 & CH40~CH78)





8. Time of Occupancy (Dwell Time) Requirements

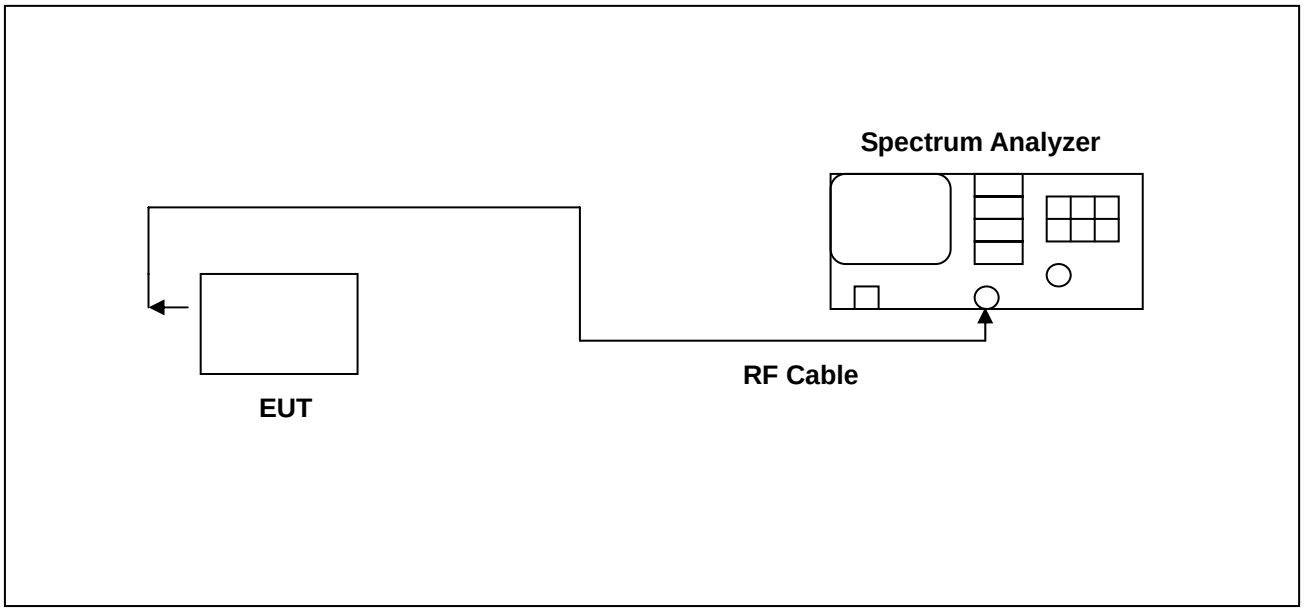
8.1 Test Condition & Setup:

The RF output port of the Equipment-Under-Test is directly coupled to the input of the EMC analyzer through a specialized RF connector and a 10dB passive attenuator. A fully charged battery was used for the supply voltage. The Bluetooth hopping function of the EUT was enabled. The following spectrum analyzer settings were used:

1. Span = zero span, centered on a hopping channel
2. RBW = 1 MHz
3. VBW ≥ RBW
4. Sweep = as necessary to capture the entire dwell time per hopping channel
5. Detector function = peak
6. Trace = max hold

The marker-delta function was used to determine the dwell time.

8.2 Test Instruments Configuration:



8.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007
Attenuator	RADIALL	R41572000	0603033073	NA	NA

8.4 Test Result _ Bluetooth 2.0 Mode:

DH1 Mode _ Bluetooth 2.0 Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	800/79CH = 10.13(times/sec)
Each Channel Dwell Times (1)	**0.37** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6 * 10.13 = 320.108(times)
Dwell Times on Cycle (1) * (2)	**121.64104** ms (sec)
LIMIT(msec)	< = 400

Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

DH3 Mode _ Bluetooth 2.0 Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	400/79CH=5.1(times/sec)
Each Channel Dwell Times (1)	**1.64** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6*5.1=161.16(times)
Dwell Times on Cycle (1) * (2)	**264.3024** ms (sec)
LIMIT(msec)	< = 400

Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

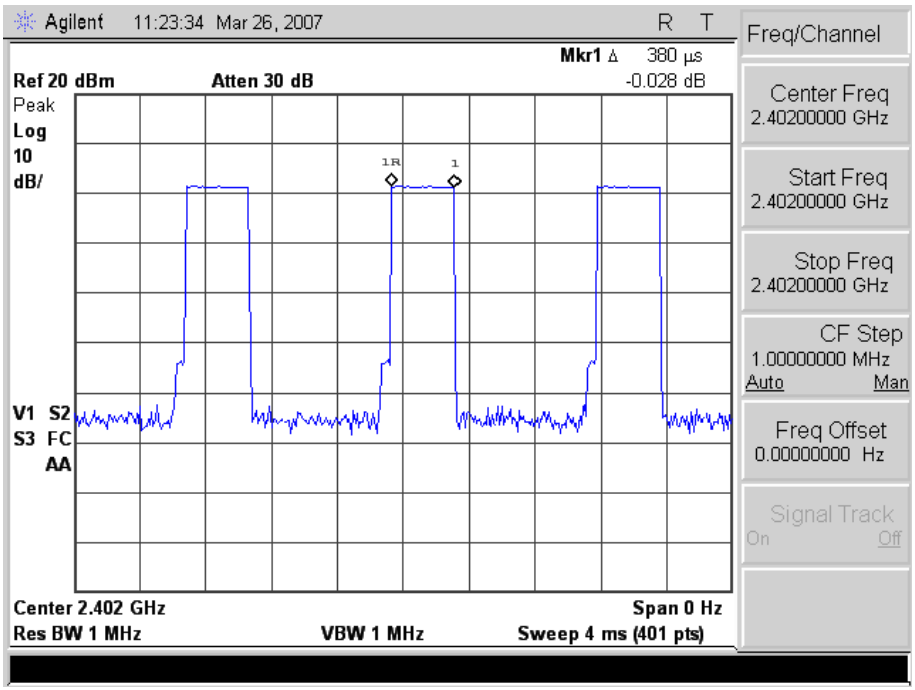
DH5 Mode _ Bluetooth 2.0 Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	266.7/79CH=3.37 (times/sec)
Each Channel Dwell Times (1)	**2.88** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6*2.82=106.492 (times)
Dwell Times on Cycle (1) * (2)	**306.69696** ms (sec)
LIMIT(msec)	< = 400

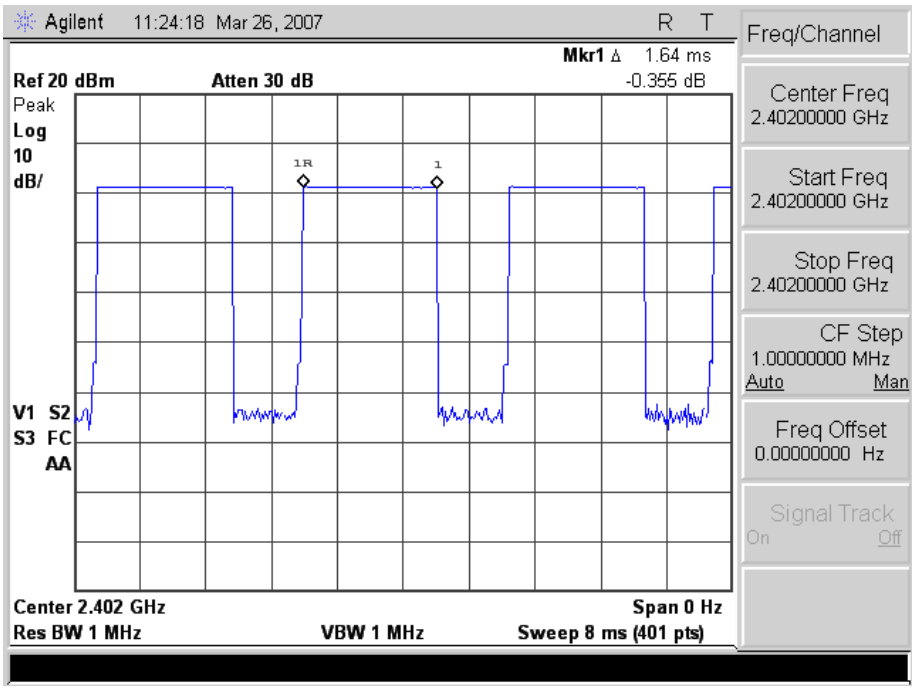
Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

8.5 Test Graphs _ Bluetooth 2.0 Mode:

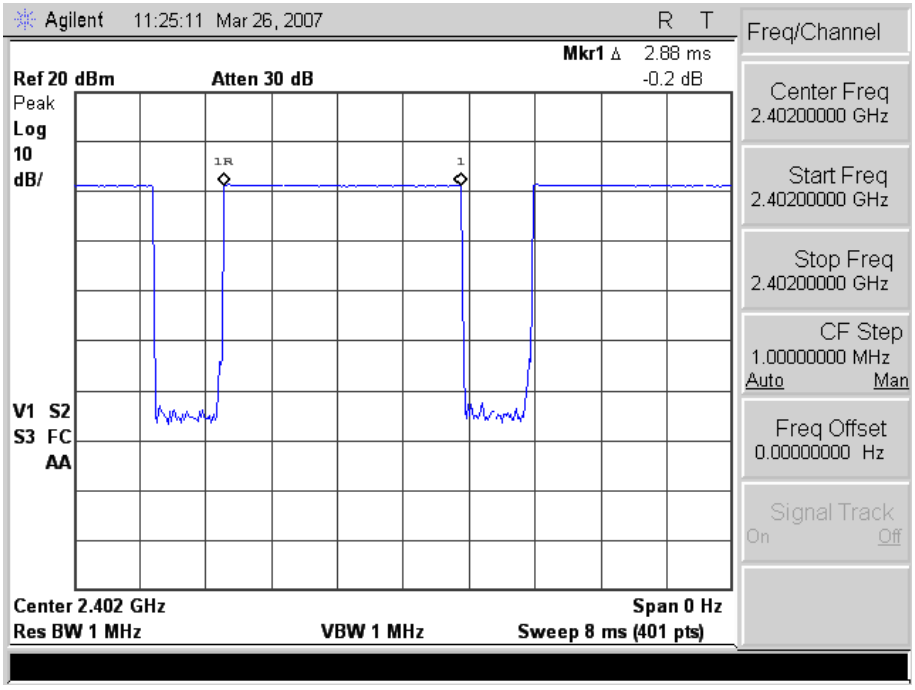
FHSS DH1 _ Bluetooth 2.0 Mode



FHSS DH3 _ Bluetooth 2.0 Mode



FHSS DH5 _ Bluetooth 2.0 Mode



8.6 Test Result _ Bluetooth EDR Mode:

DH1 Mode _ Bluetooth EDR Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	800/79CH = 10.13(times/sec)
Each Channel Dwell Times (1)	**0.39** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6 * 10.13 = 320.108(times)
Dwell Times on Cycle (1) * (2)	**124.84212** ms (sec)
LIMIT(msec)	< = 400

Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

DH3 Mode _ Bluetooth EDR Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	400/79CH=5.1(times/sec)
Each Channel Dwell Times (1)	**1.64** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6*5.1=161.16(times)
Dwell Times on Cycle (1) * (2)	**264.3024** ms (sec)
LIMIT(msec)	< = 400

Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

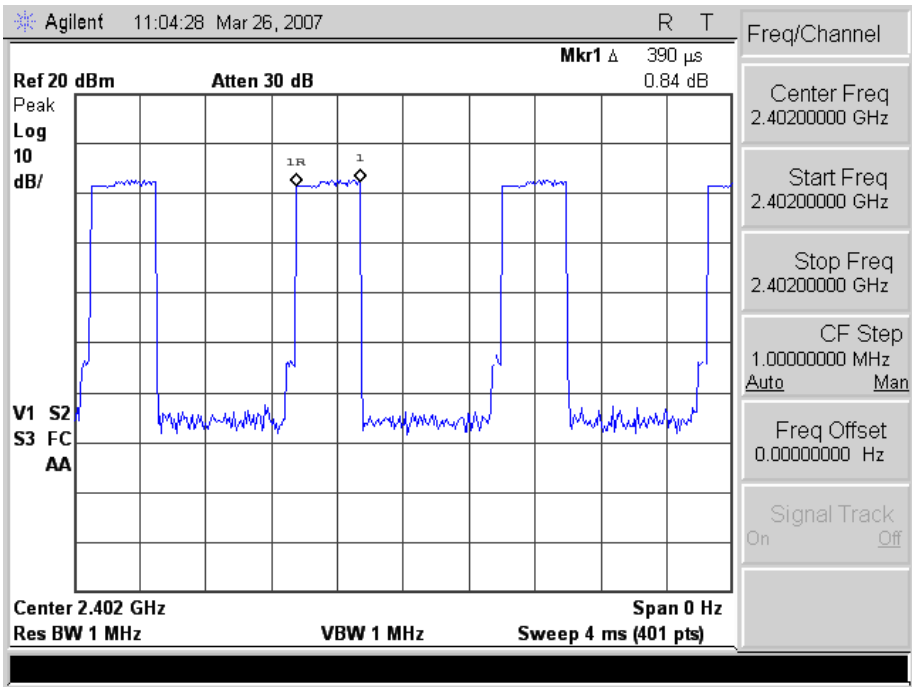
DH5 Mode _ Bluetooth EDR Mode

Cycle Calculate	79CH * 0.4 = 31.6 (sec)
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	266.7/79CH=3.37 (times/sec)
Each Channel Dwell Times (1)	**2.90** ms (sec)
Each Channel Dwell Times on Cycle(2)	31.6*2.82=106.492 (times)
Dwell Times on Cycle (1) * (2)	**308.8268**ms (sec)
LIMIT(msec)	< = 400

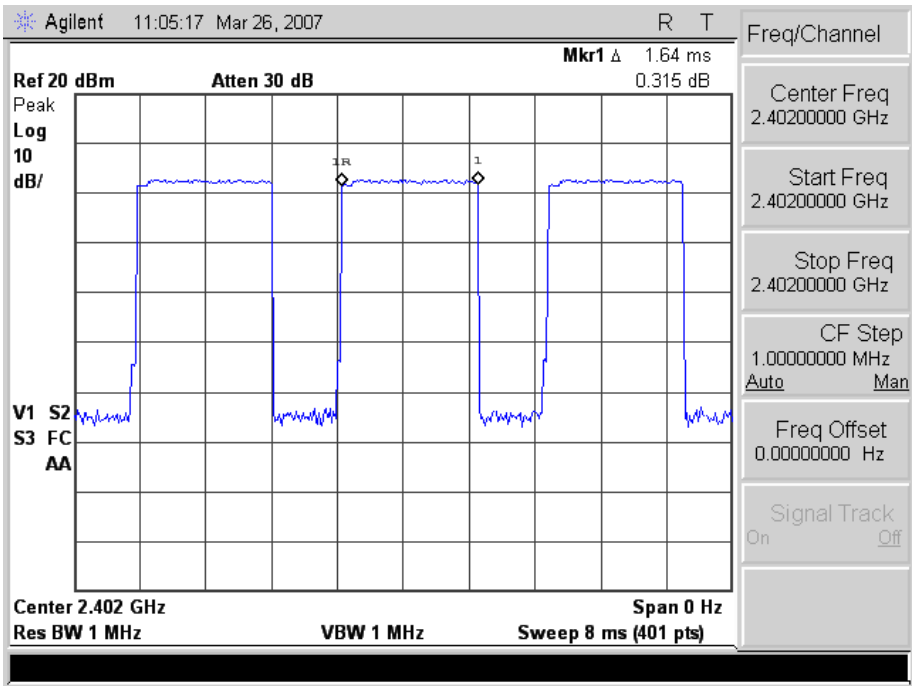
Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec

8.7 Test Graphs _ Bluetooth EDR Mode:

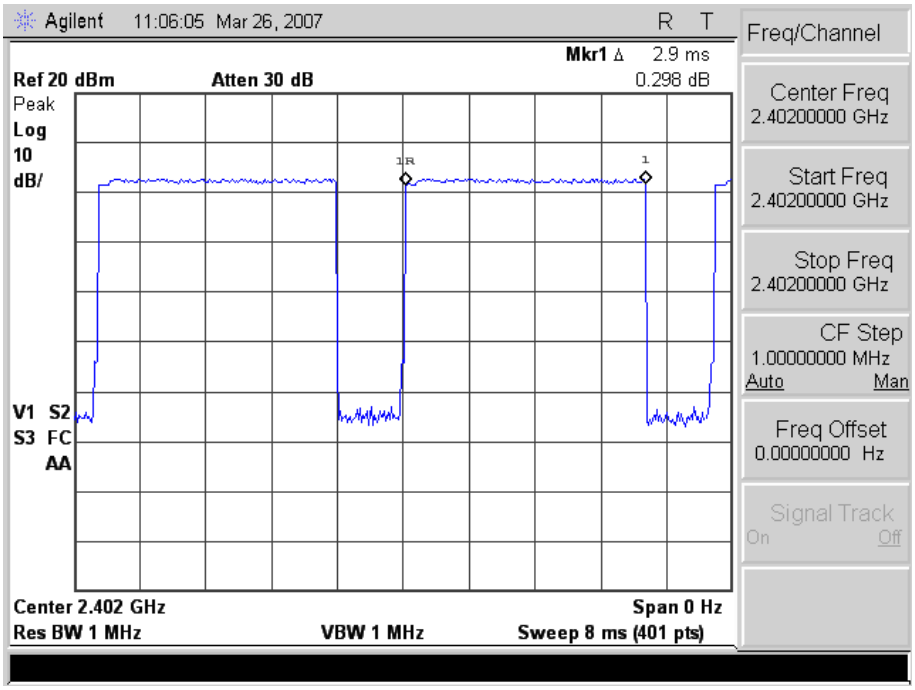
FHSS DH1 _ Bluetooth EDR Mode



FHSS DH3 _ Bluetooth EDR Mode



FHSS DH5 _ Bluetooth EDR Mode



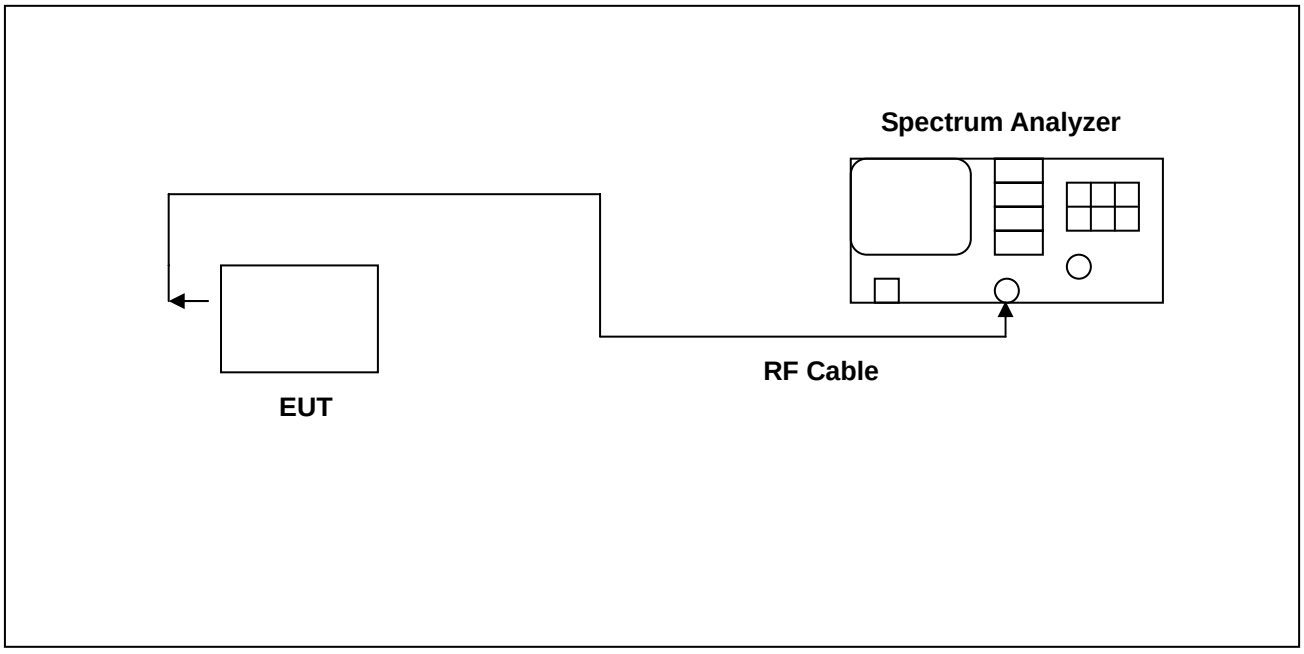
9. Out of Band Conducted Emissions Requirements

9.1 Test Condition & Setup:

In any 100 kHz bandwidth outside the EUT pass band, the RF power produced by the modulation products of the spreading sequence, the information sequence, and the carrier frequency shall be at least 20 dB below that of the maximum in-band 100 kHz emission, antenna output of the EUT was coupled directly to spectrum analyzer; if an external attenuator and/or cable was used, these losses are compensated for with the analyzer OFFSET function.

All other types of emissions from the EUT shall meet the general limits for radiated frequencies outside the pass band. The test was performed at 3 channels (Channel 1, 6, 11)

9.2 Test Instruments Configuration:



9.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4445A	MY45300744	May. 09, 2006	May. 09, 2007

9.4 Test Result:

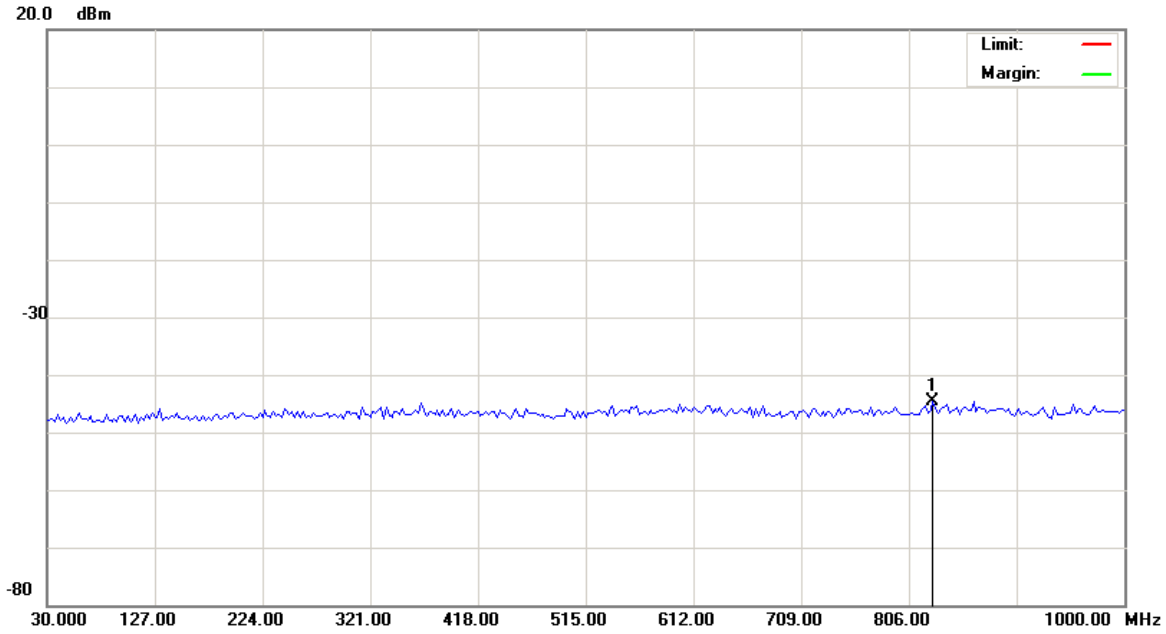
Refer to attached data sheets. Data shows out of band emissions are suppressed well below the -20 dBc minimum required by the Rules.

Note: Test Graphs See next page.

9.5 Test Graphs _ Bluetooth 2.0 Mode:

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#1 Date: 2007/03/23 Time: 上午 11:08:12



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

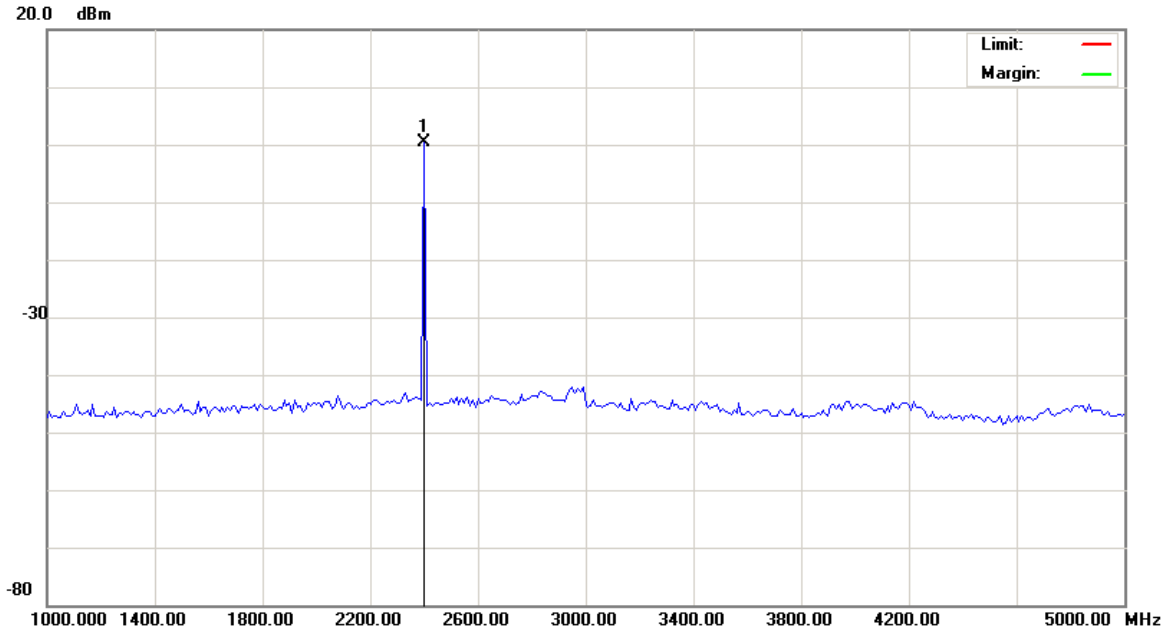
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	827.8250	-44.54	0.00	-44.54			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#2 Date: 2007/03/23 Time: 上午 11:08:25



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

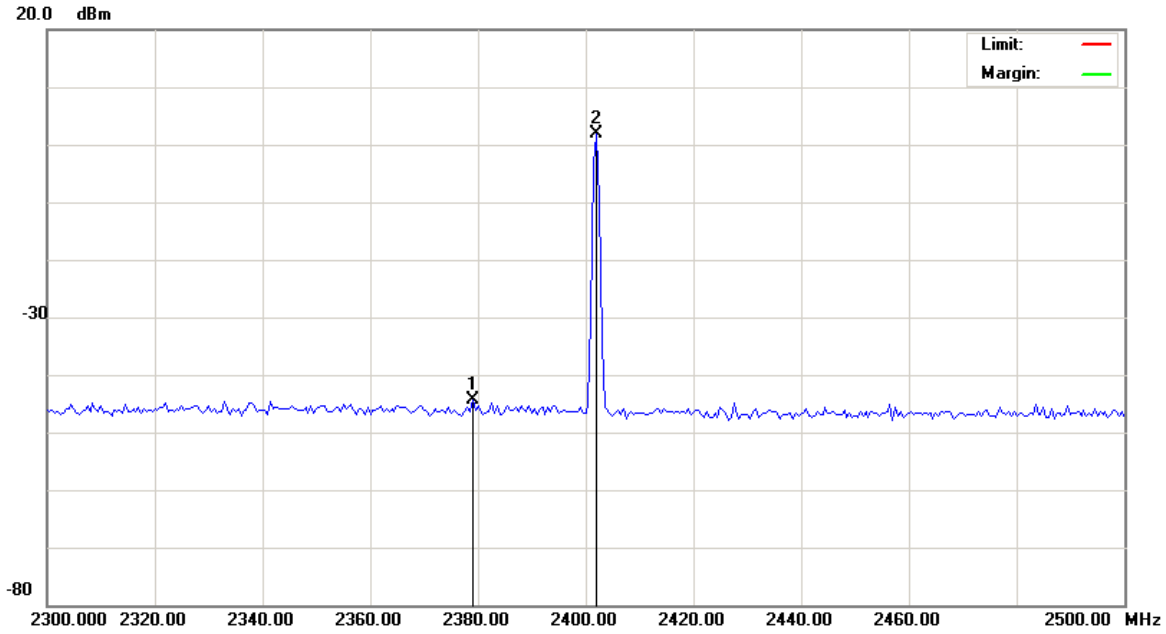
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2400.000	0.45	0.00	0.45			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#3 Date: 2007/03/23 Time: 上午 11:08:37



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

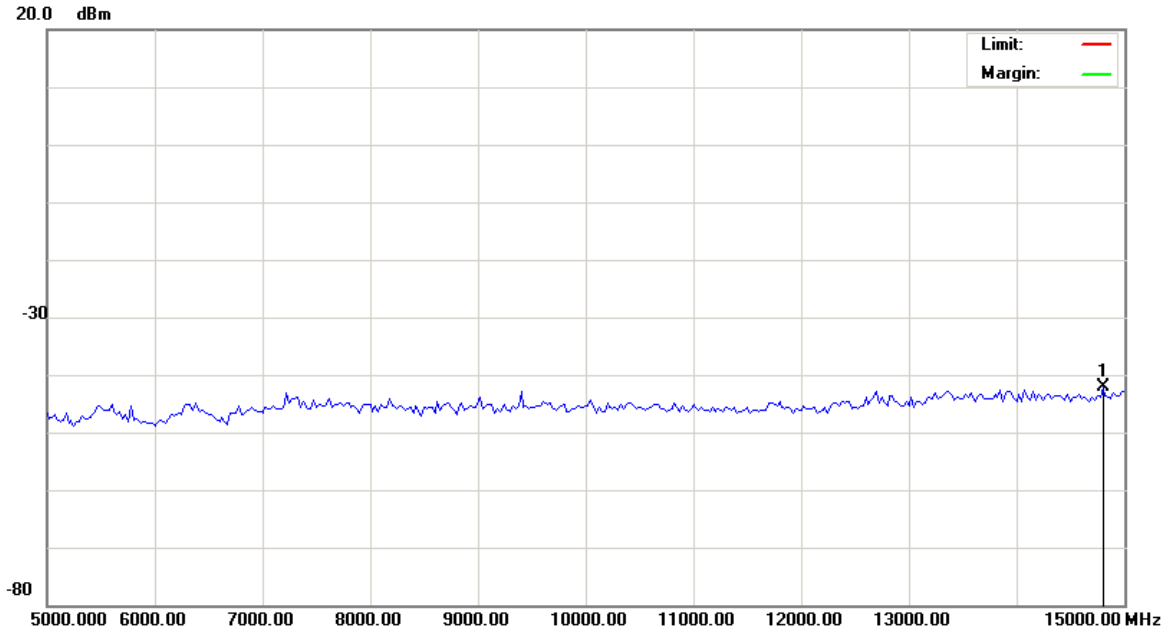
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2379.000	-44.36	0.00	-44.36			peak	
2	*	2402.000	1.90	0.00	1.90			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#4 Date: 2007/03/23 Time: 上午 11:08:50



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

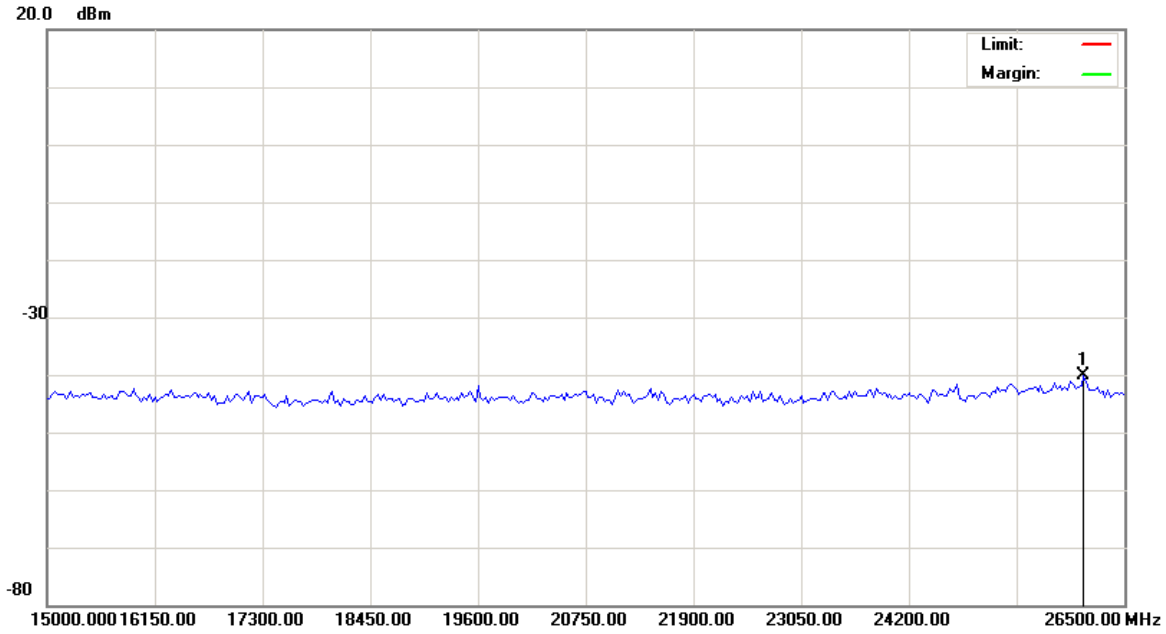
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14800.00	-42.23	0.00	-42.23			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#5 Date: 2007/03/23 Time: 上午 11:09:03



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

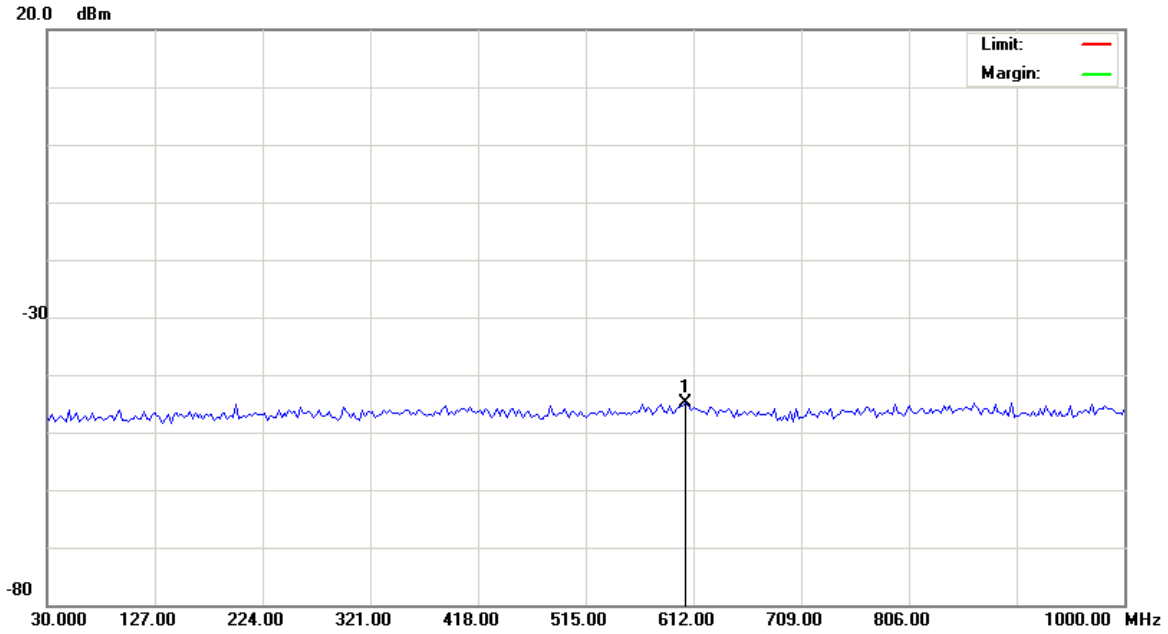
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26068.75	-40.02	0.00	-40.02			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#6 Date: 2007/03/23 Time: 上午 11:12:34



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

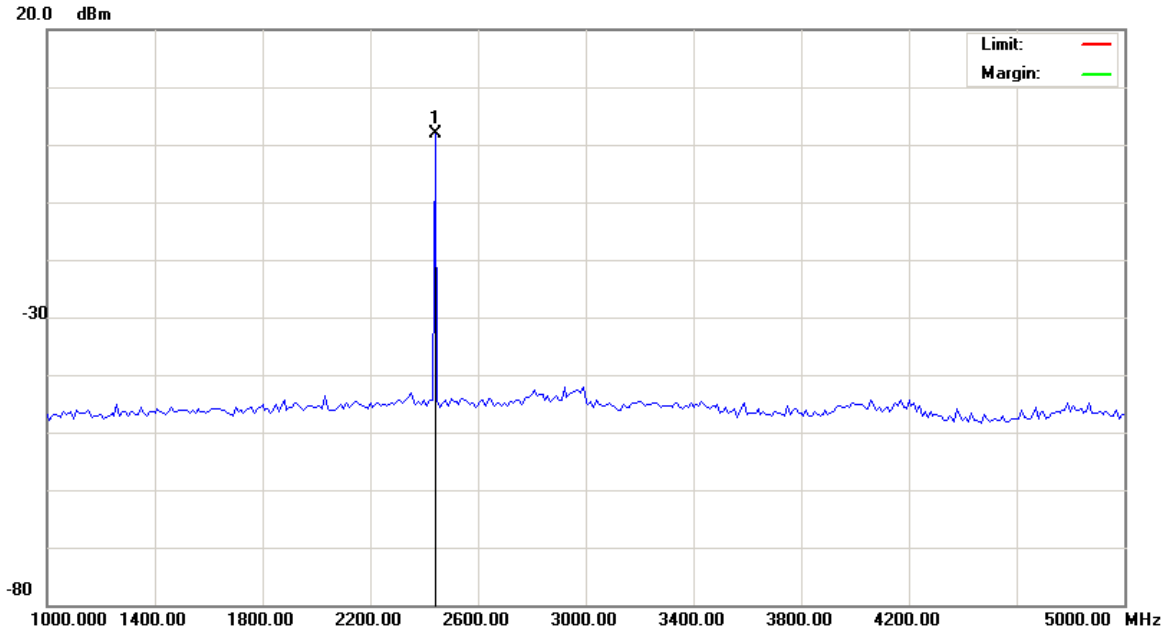
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	604.7250	-44.76	0.00	-44.76			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#7 Date: 2007/03/23 Time: 上午 11:12:46



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

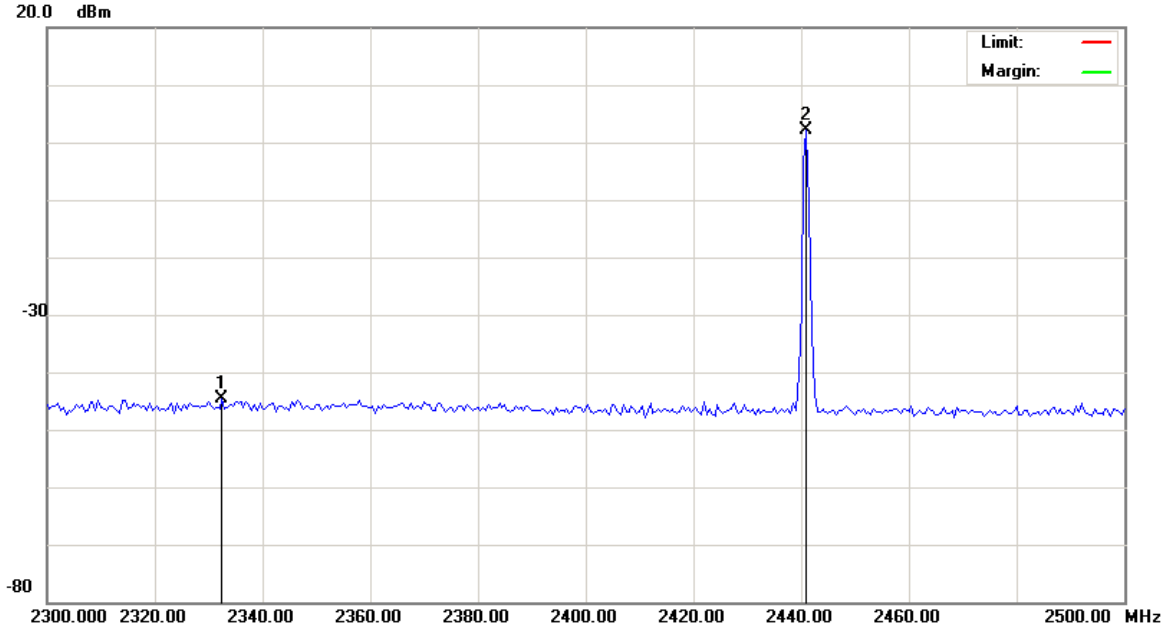
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2440.000	1.94	0.00	1.94			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#8 Date: 2007/03/23 Time: 上午 11:12:59



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

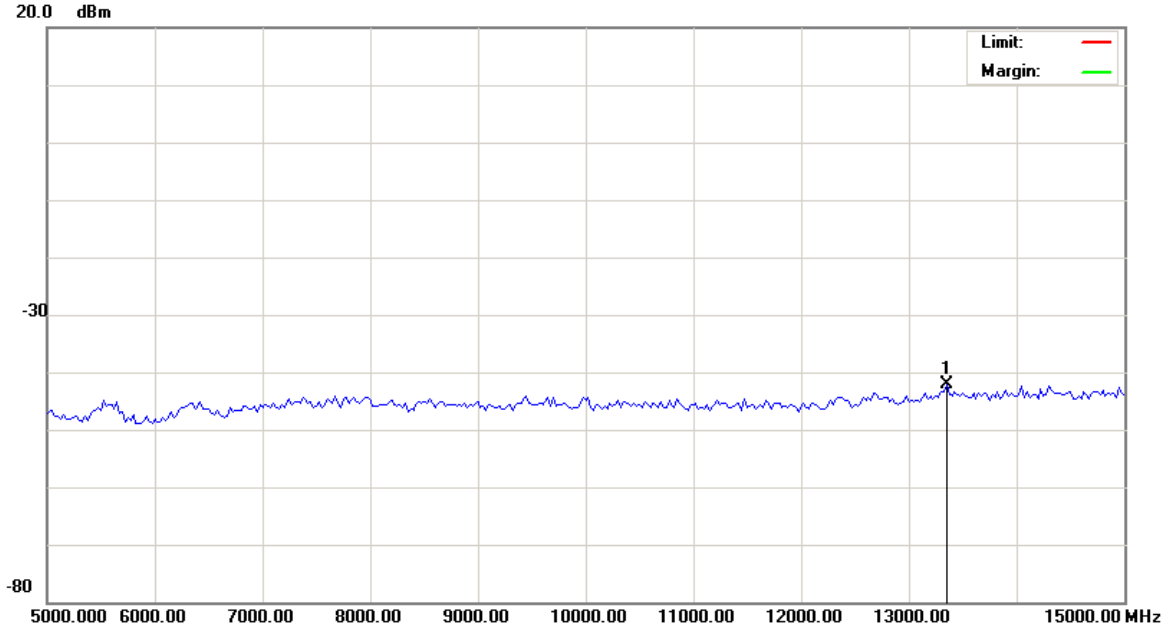
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2332.500	-44.66	0.00	-44.66			peak	
2	*	2441.000	2.16	0.00	2.16			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#9 Date: 2007/03/23 Time: 上午 11:13:12



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

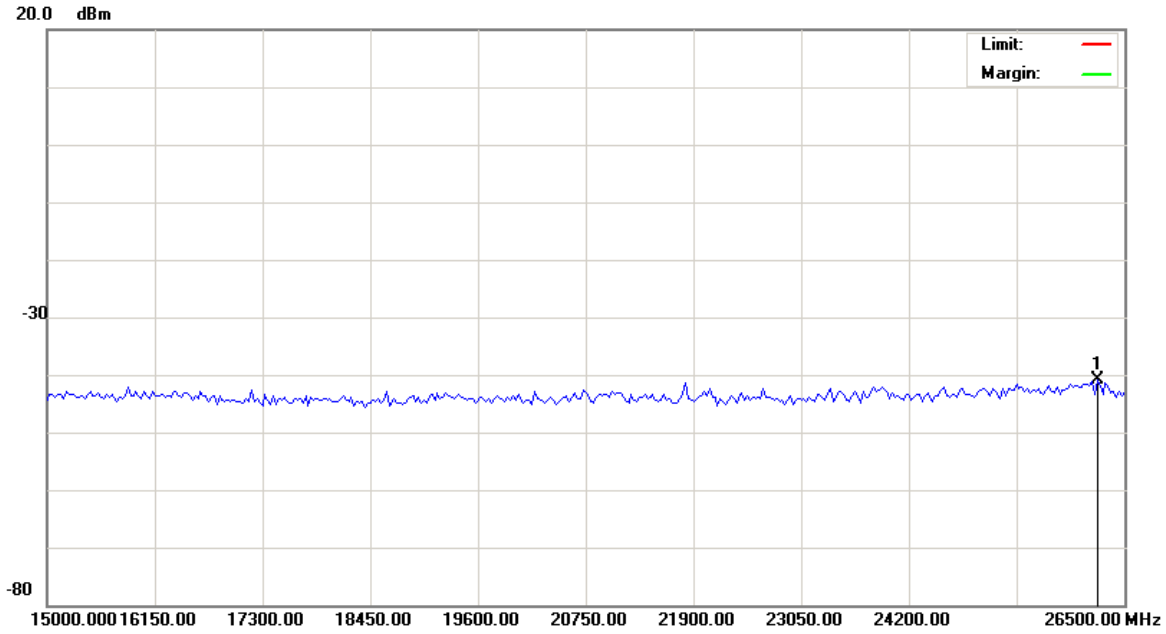
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	13350.00	-42.12	0.00	-42.12			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#10 Date: 2007/03/23 Time: 上午 11:13:25



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

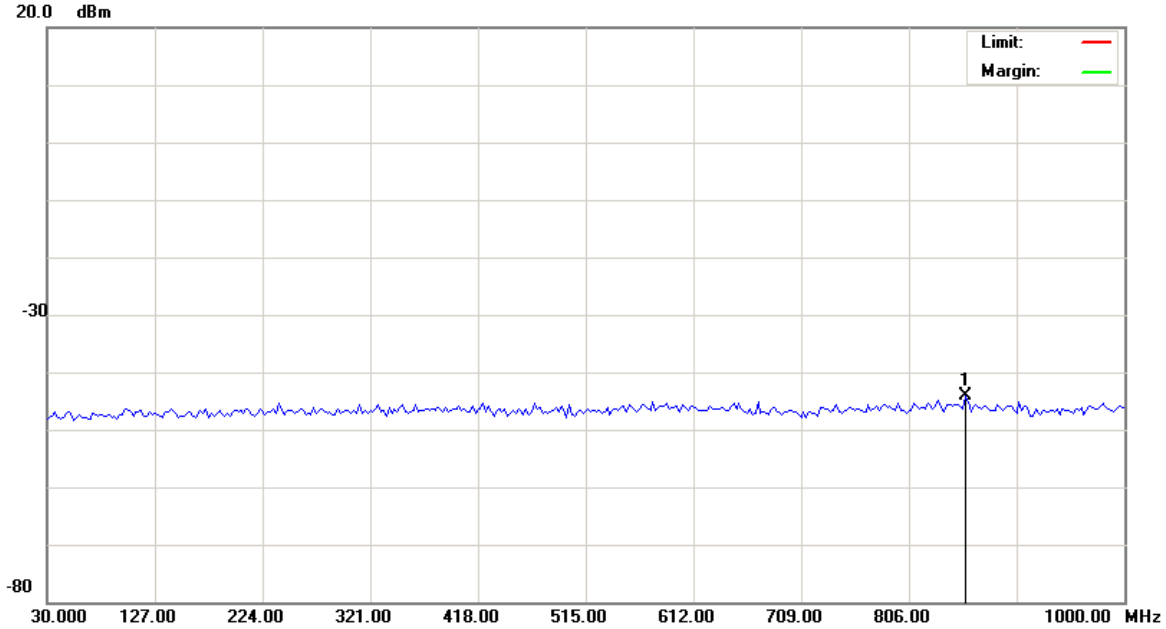
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26212.50	-40.90	0.00	-40.90			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#11 Date: 2007/03/23 Time: 上午 11:19:12



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

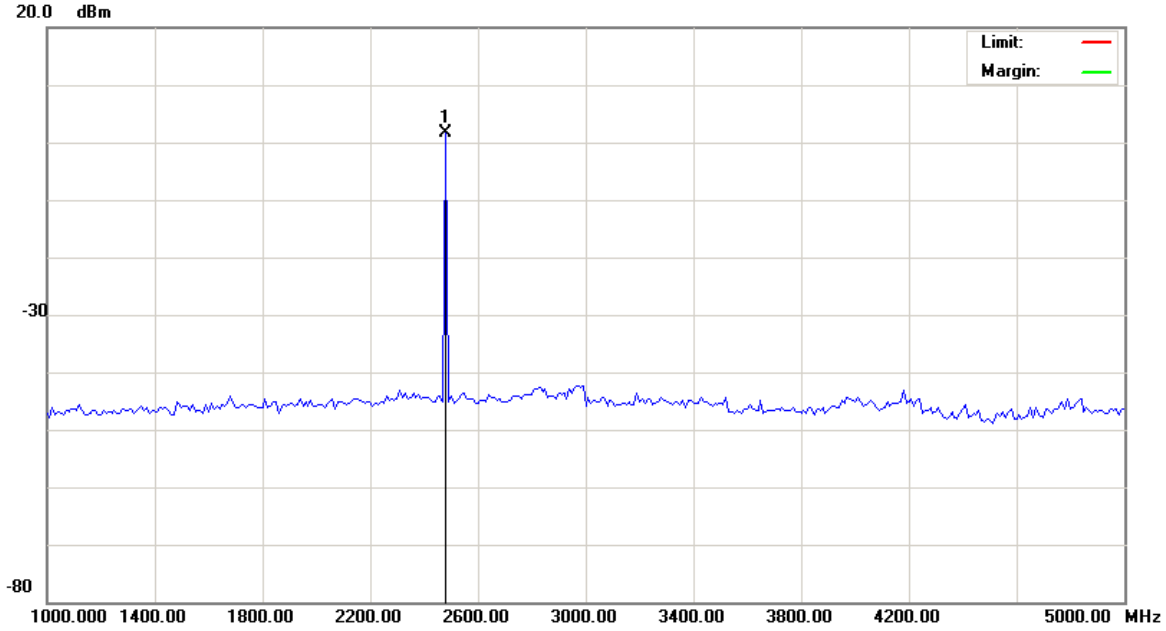
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	856.9250	-44.23	0.00	-44.23			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#12 Date: 2007/03/23 Time: 上午 11:19:25



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

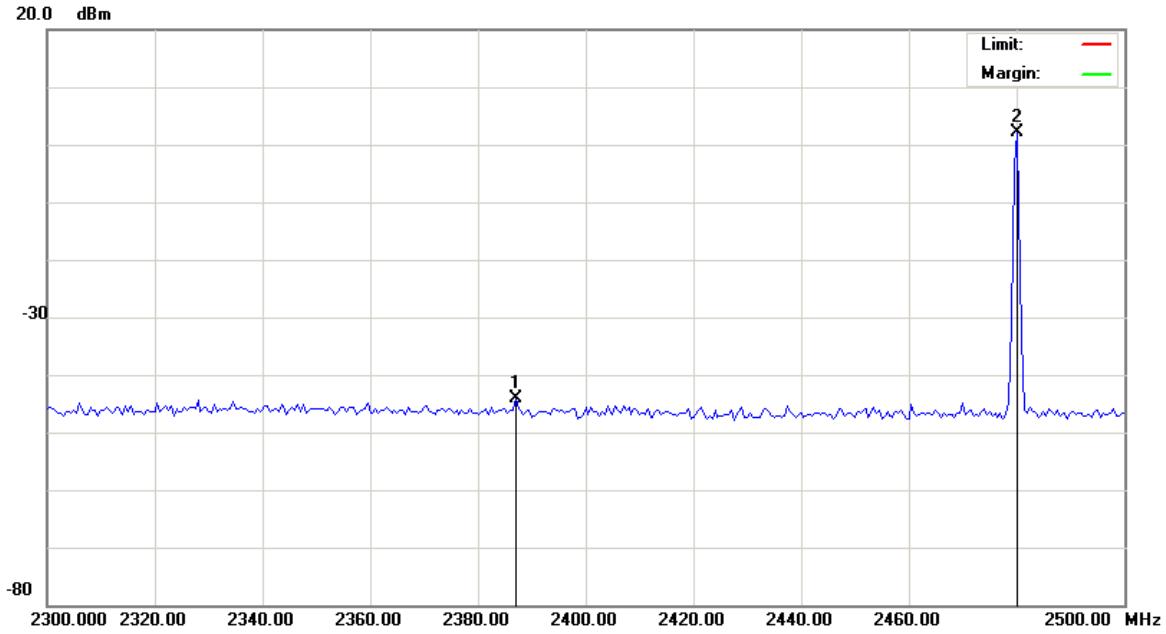
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2480.000	1.57	0.00	1.57			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#13 Date: 2007/03/23 Time: 上午 11:19:37



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

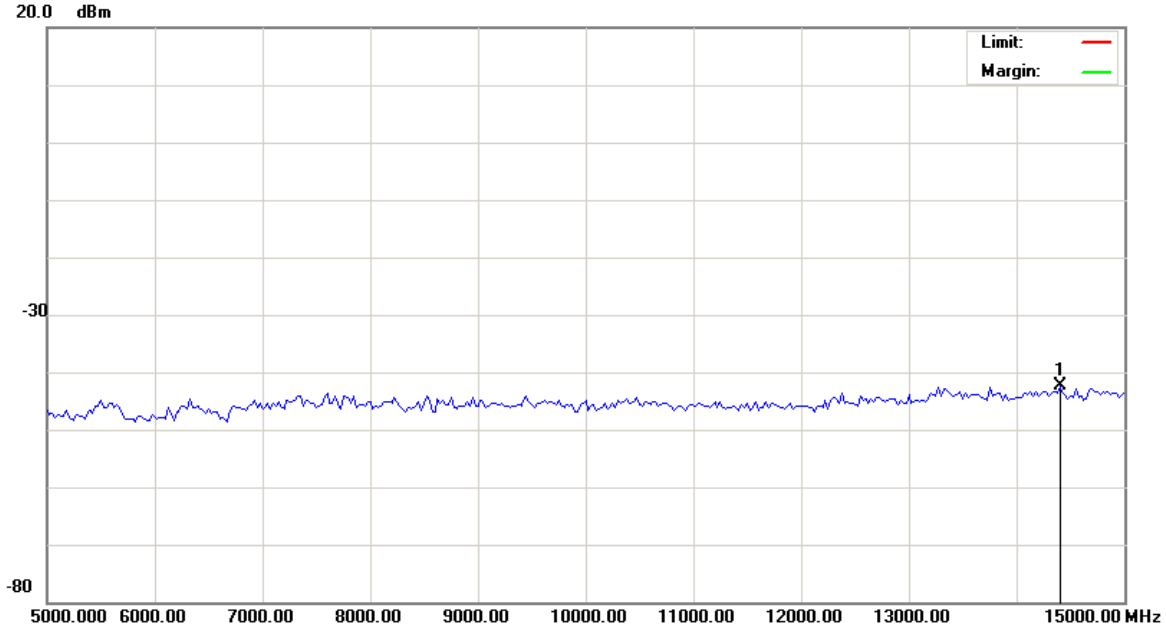
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2387.000	-44.03	0.00	-44.03			peak	
2	*	2480.000	2.07	0.00	2.07			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#14 Date: 2007/03/23 Time: 上午 11:19:50



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

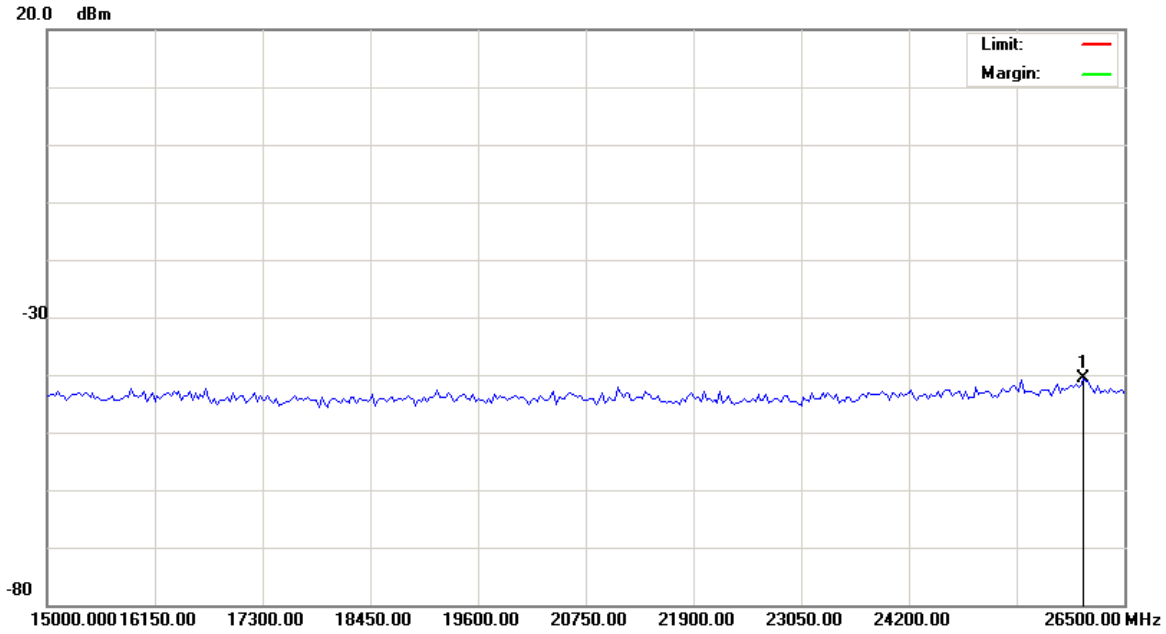
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14400.00	-42.31	0.00	-42.31			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#15 Date: 2007/03/23 Time: 上午 11:20:03



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT -2480MHz

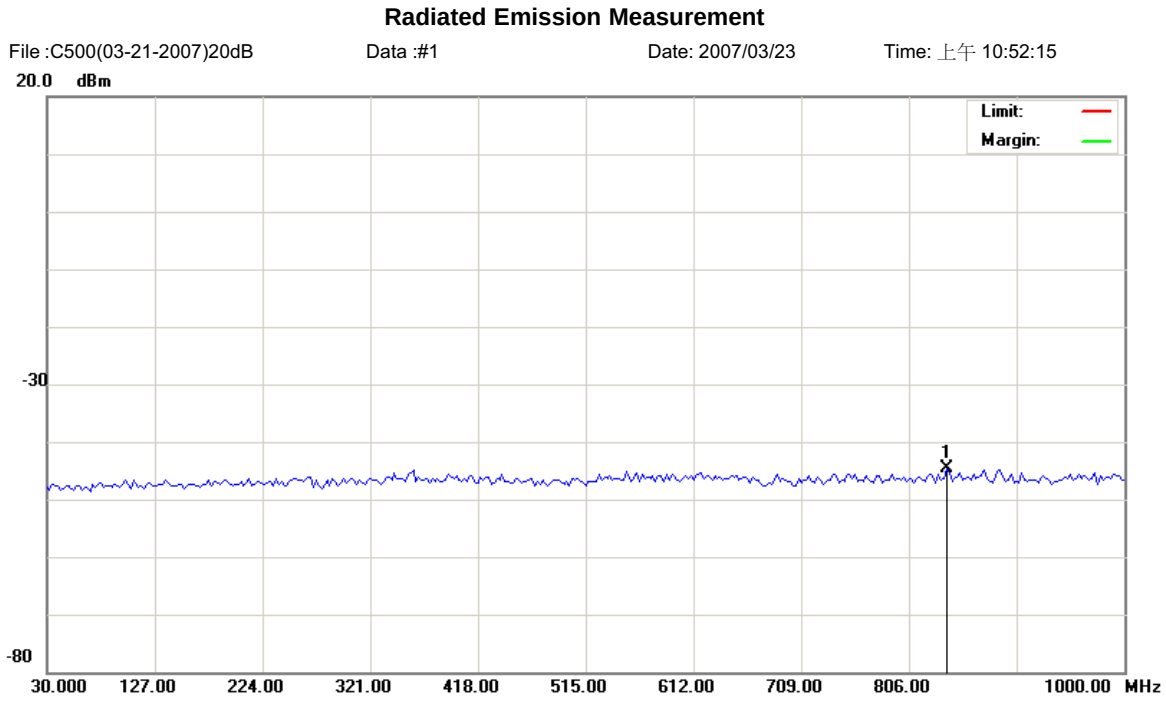
Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26068.75	-40.66	0.00	-40.66			peak	

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

9.6 Test Graphs _ Bluetooth EDR Mode:



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

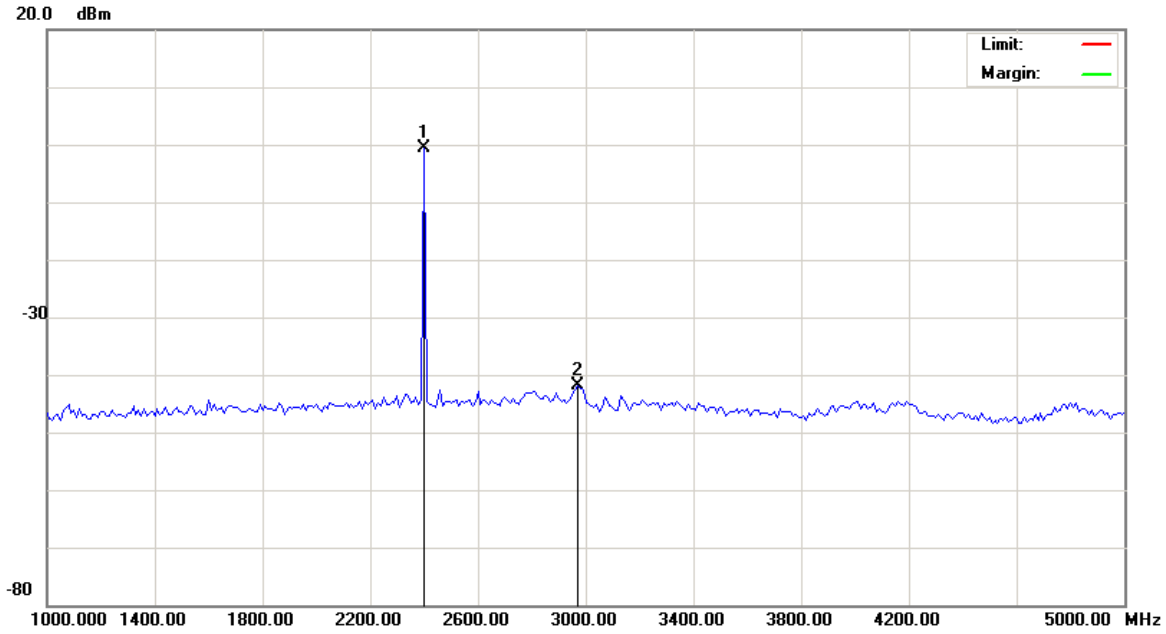
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	839.9500	-44.66	0.00	-44.66			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#2 Date: 2007/03/23 Time: 上午 10:52:27



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

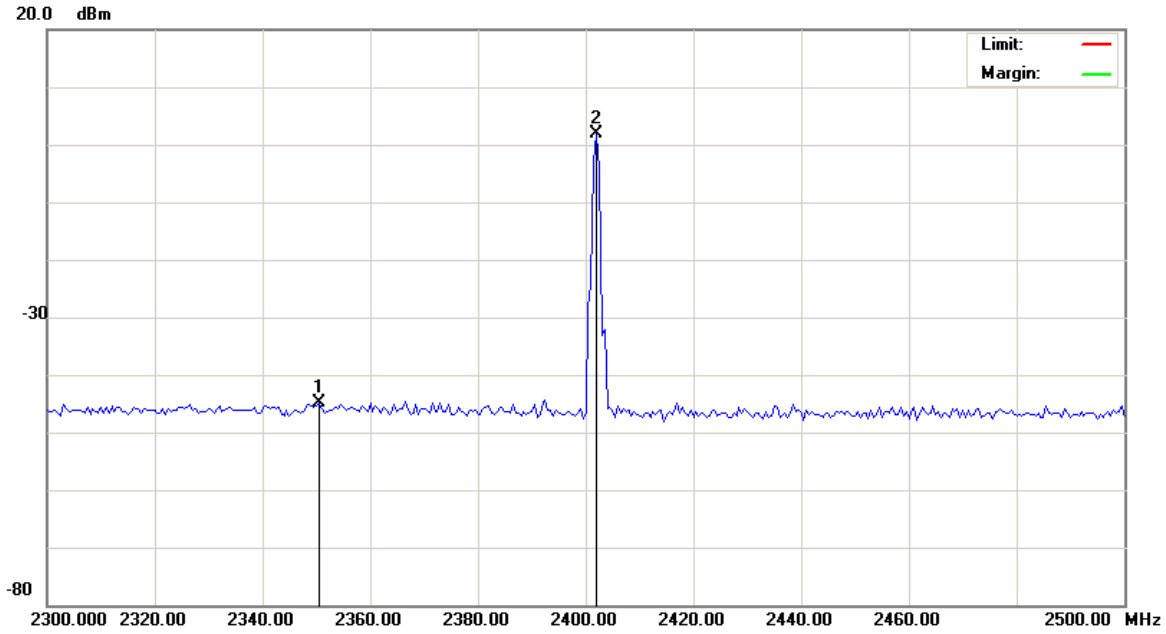
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2400.000	-0.56	0.00	-0.56			peak	
2		2970.000	-41.83	0.00	-41.83			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#3 Date: 2007/03/23 Time: 上午 10:52:40



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

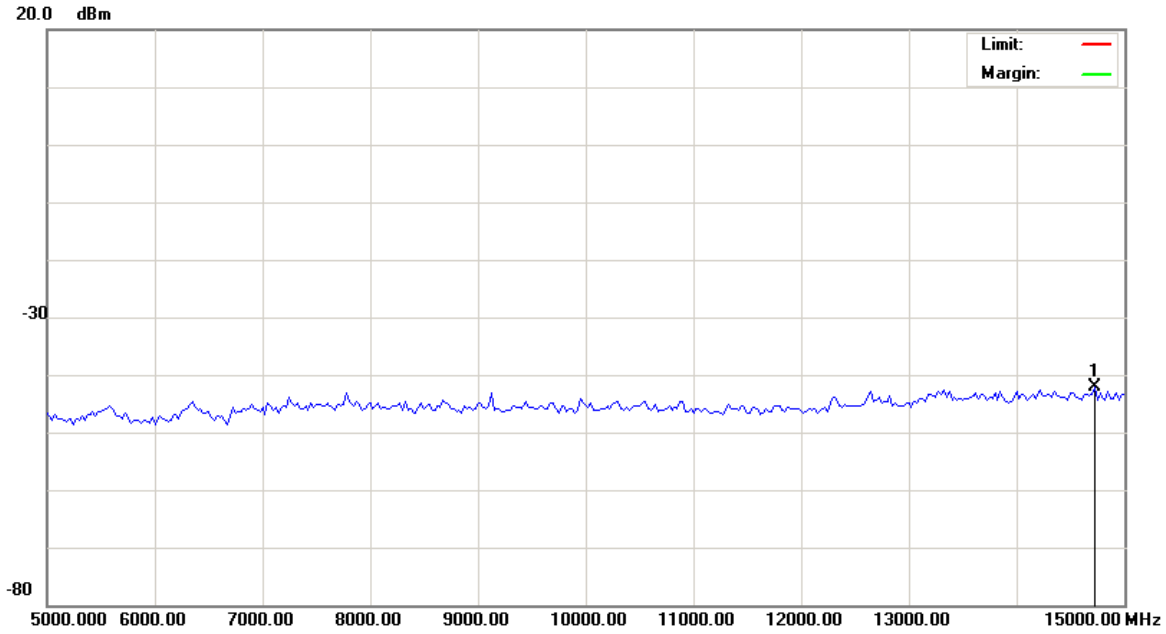
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2350.500	-44.77	0.00	-44.77			peak	
2	*	2402.000	1.92	0.00	1.92			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#4 Date: 2007/03/23 Time: 上午 10:52:53



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

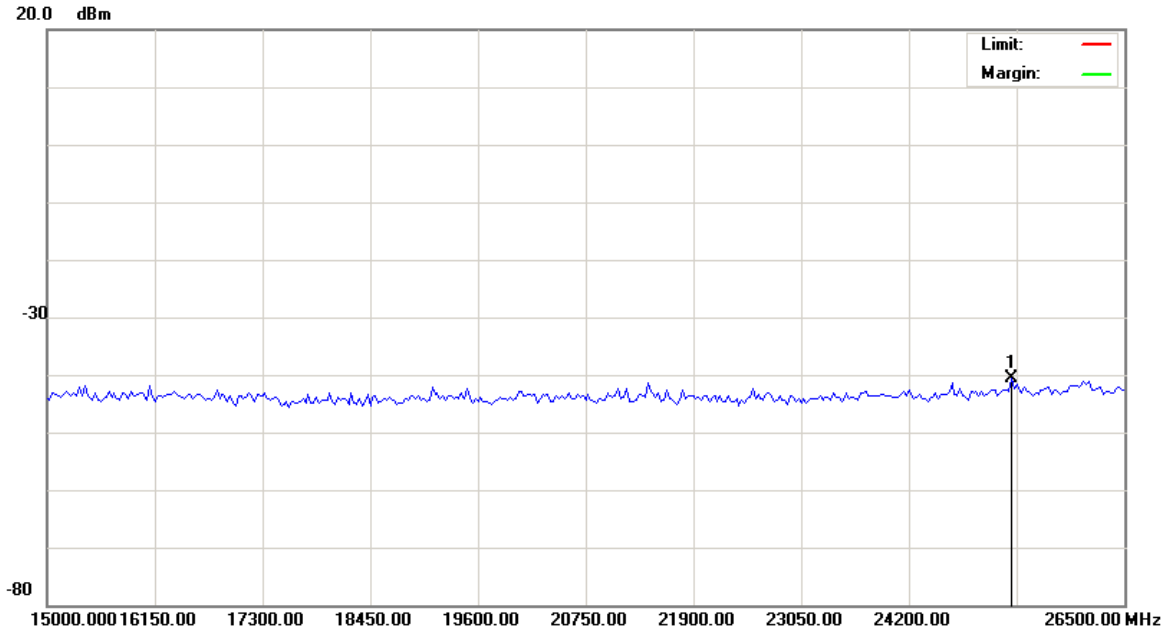
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14725.00	-42.13	0.00	-42.13			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#5 Date: 2007/03/23 Time: 上午 10:53:06



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2402MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

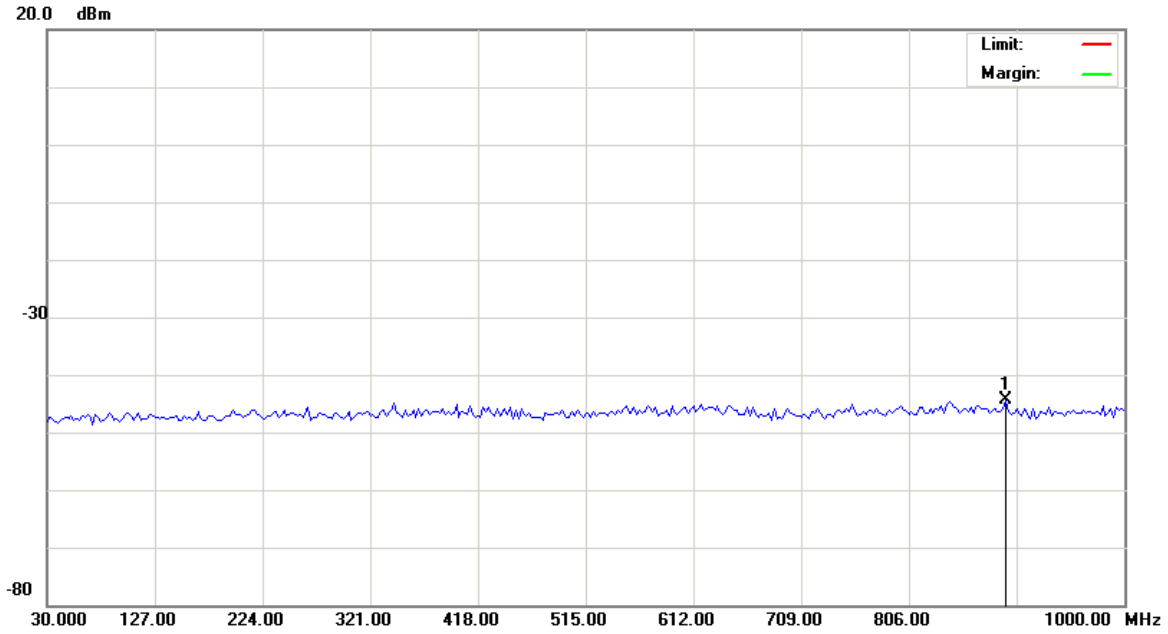
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	25292.50	-40.74	0.00	-40.74			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#6 Date: 2007/03/23 Time: 上午 11:00:12



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

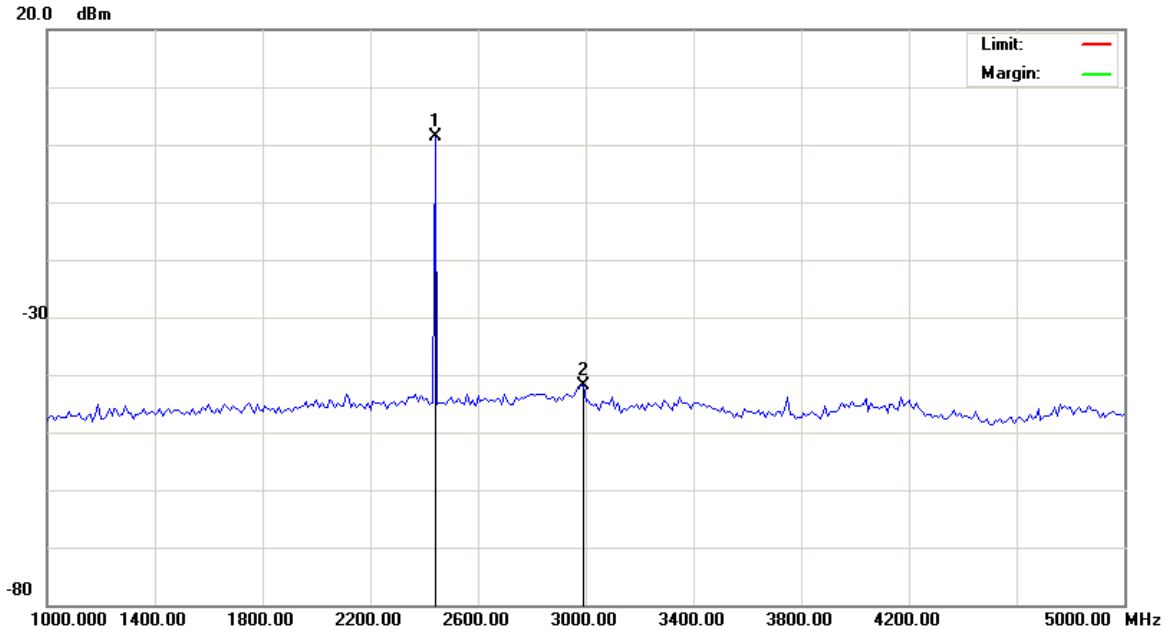
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	893.3000	-44.48	0.00	-44.48			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#7 Date: 2007/03/23 Time: 上午 11:00:25



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

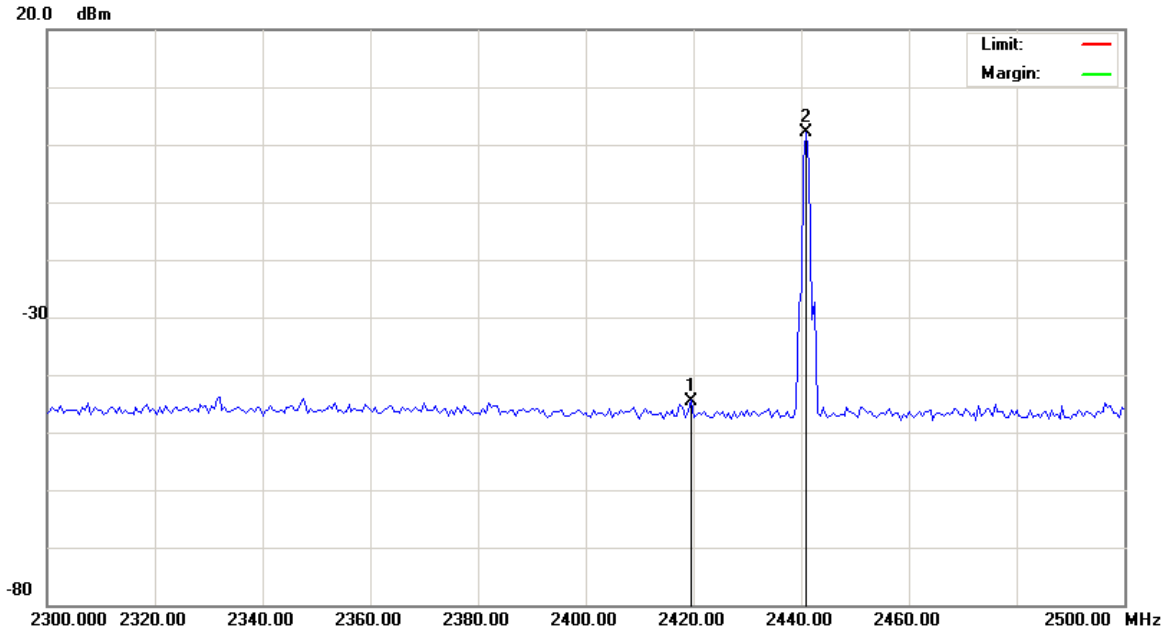
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2440.000	1.43	0.00	1.43			peak	
2		2990.000	-41.96	0.00	-41.96			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#8 Date: 2007/03/23 Time: 上午 11:00:38



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

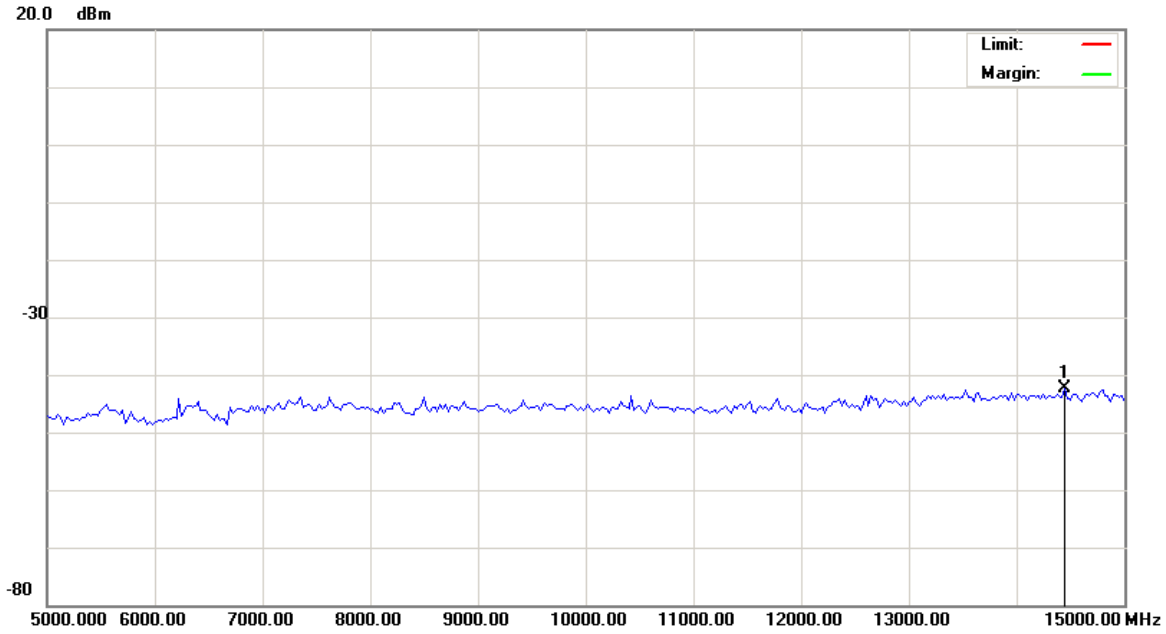
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2419.500	-44.50	0.00	-44.50			peak	
2	*	2441.000	2.09	0.00	2.09			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#9 Date: 2007/03/23 Time: 上午 11:00:50



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

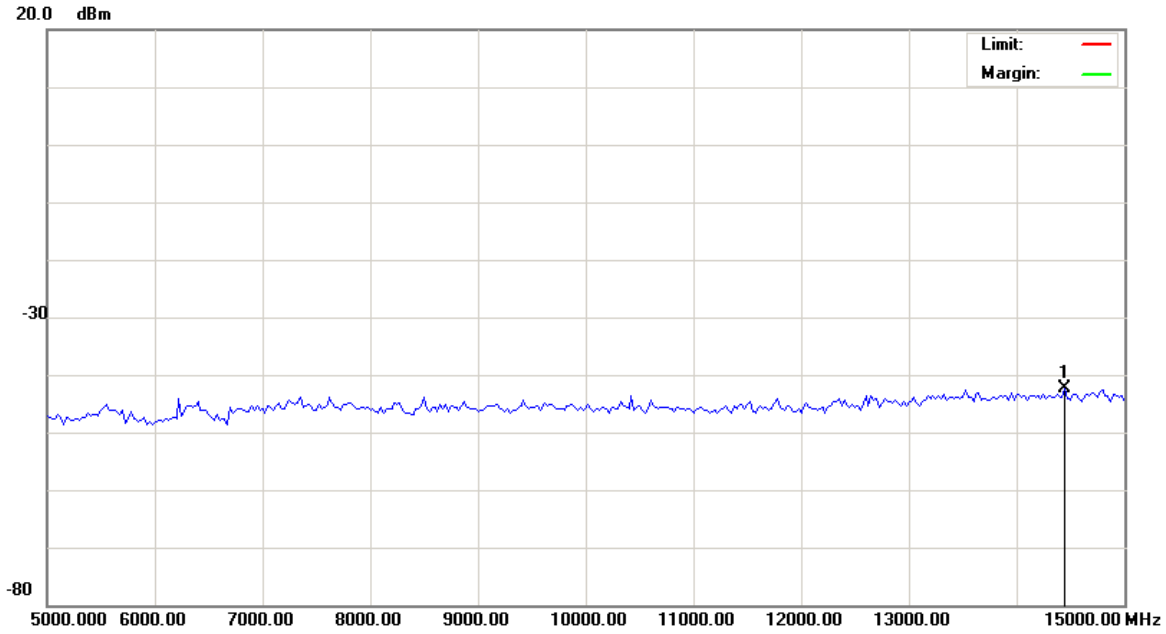
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14450.00	-42.34	0.00	-42.34			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#9 Date: 2007/03/23 Time: 上午 11:00:50



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

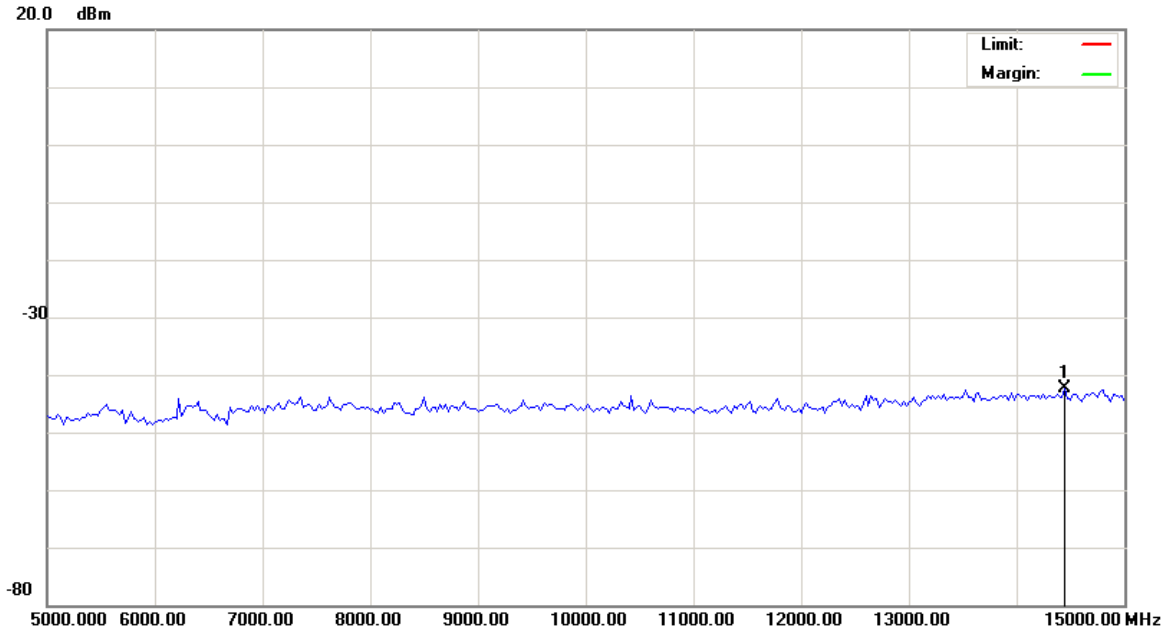
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14450.00	-42.34	0.00	-42.34			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#9 Date: 2007/03/23 Time: 上午 11:00:50



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2441MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

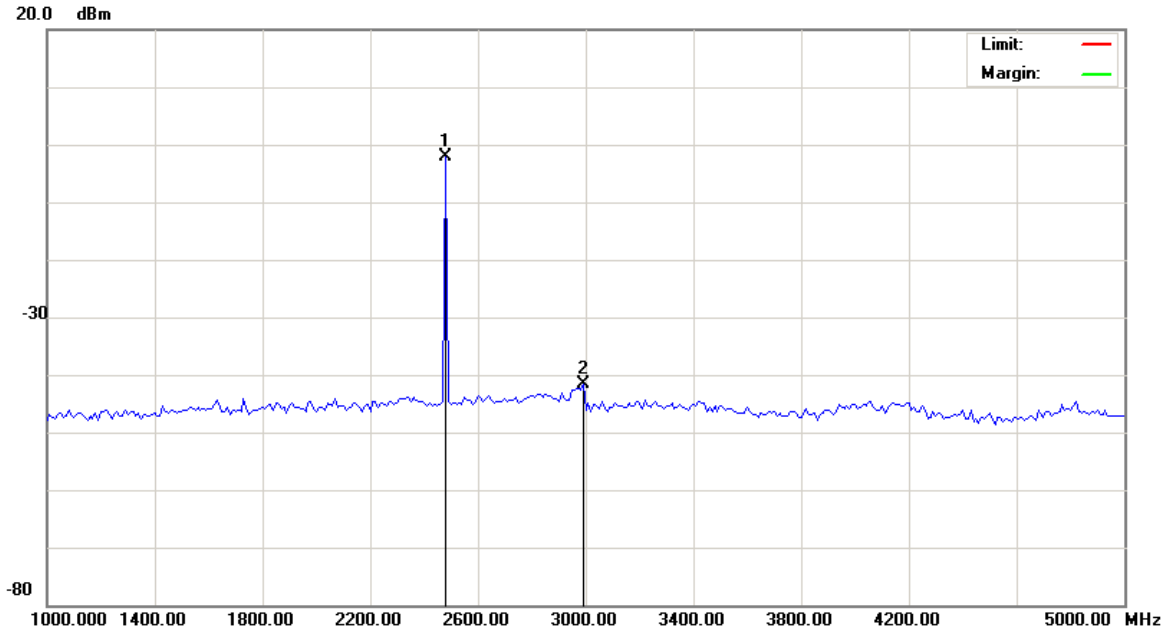
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14450.00	-42.34	0.00	-42.34			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#12 Date: 2007/03/23 Time: 上午 11:05:15



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

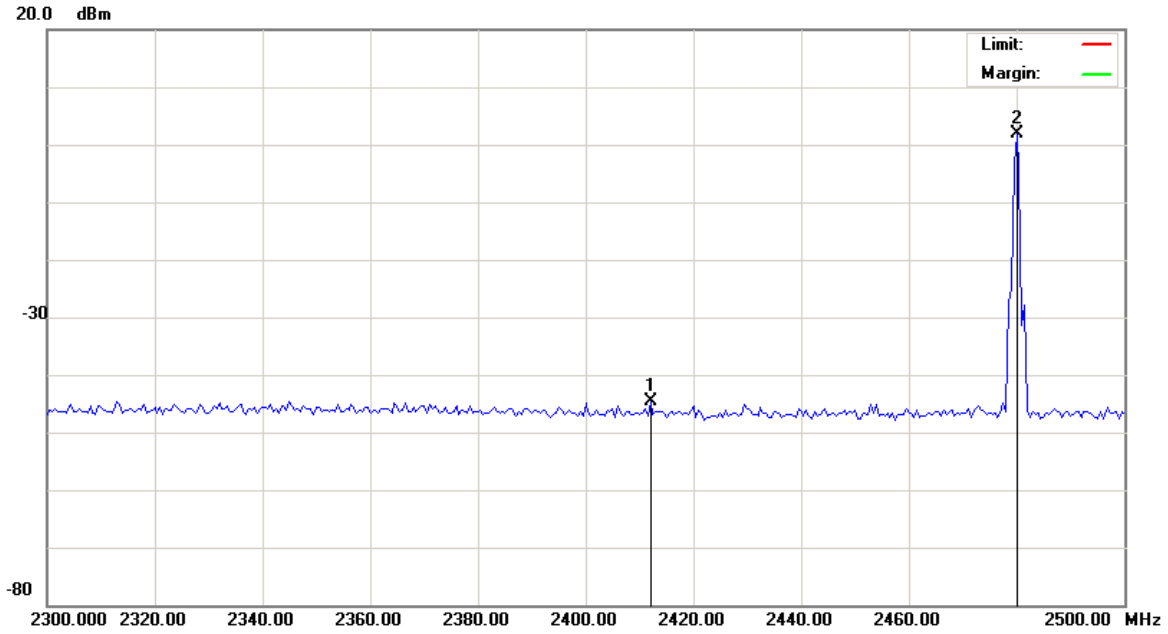
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	2480.000	-2.24	0.00	-2.24			peak	
2		2990.000	-41.72	0.00	-41.72			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#13 Date: 2007/03/23 Time: 上午 11:05:28



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

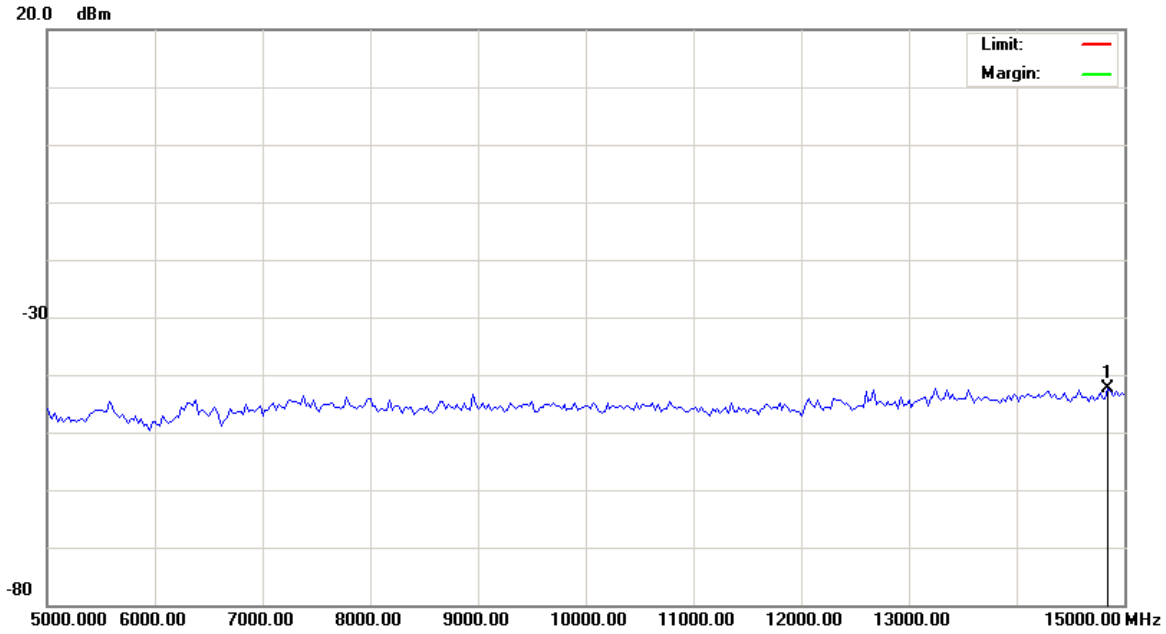
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1		2412.000	-44.55	0.00	-44.55			peak	
2	*	2480.000	1.81	0.00	1.81			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#14 Date: 2007/03/23 Time: 上午 11:05:41



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

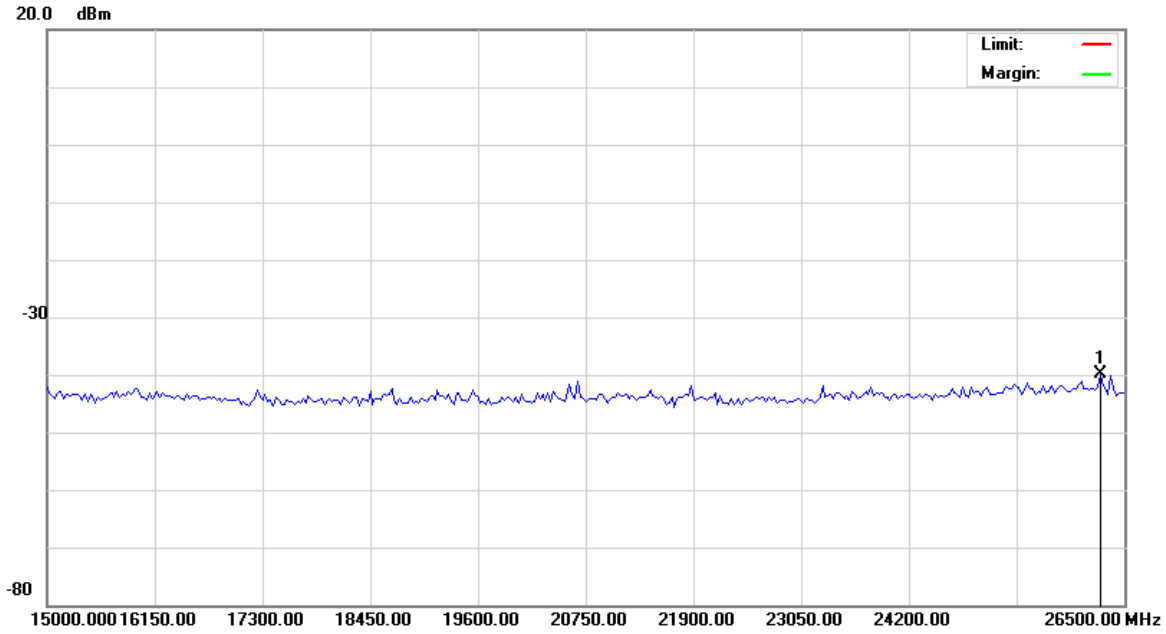
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	14850.00	-42.26	0.00	-42.26			peak	

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

Radiated Emission Measurement

File :C500(03-21-2007)20dB Data :#15 Date: 2007/03/23 Time: 上午 11:05:53



Site 966半電波暗室
Limit:
EUT: PDA
M/N: c500
Mode:
Note: BT EDR-2480MHz

Polarization: ***Horizontal***
Power: AC 110V/60Hz
Distance: 1m

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBm	dB	dBm	dBm	dB	Detector	Comment
1	*	26241.25	-39.95	0.00	-39.95			peak	

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

10. Band Edges Requirements

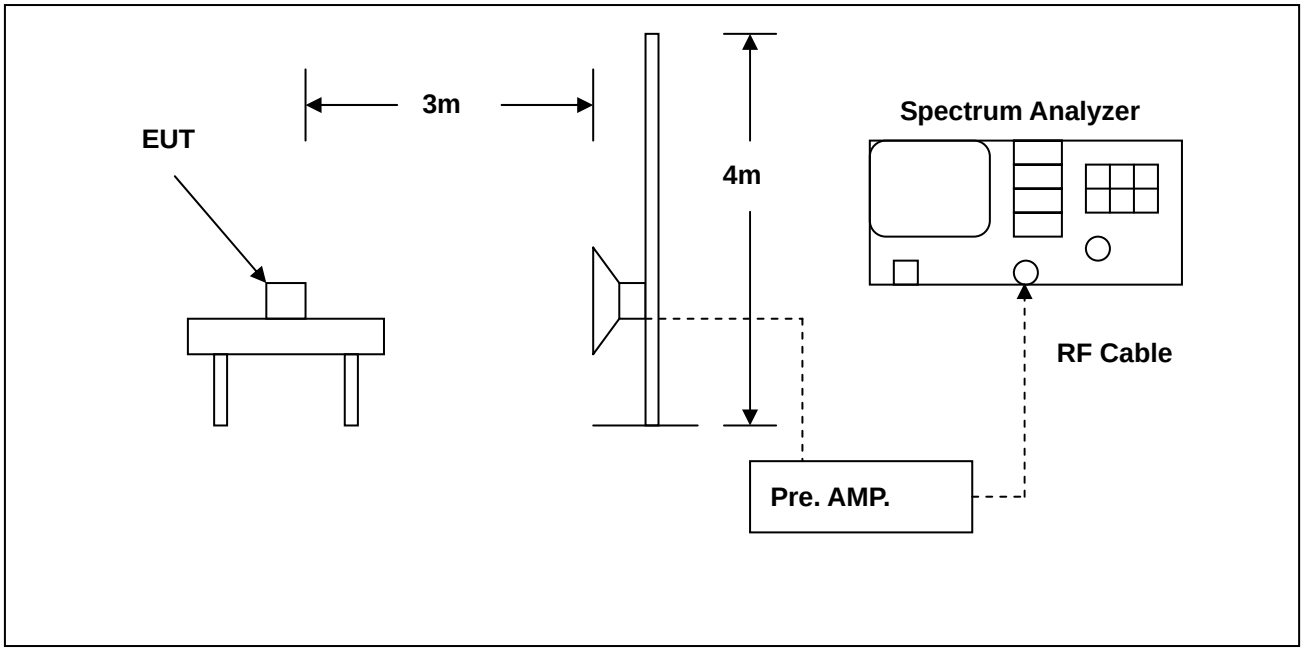
10.1 Test Condition & Setup:

The emissions on the harmonics frequencies, the limits, and the margin of compliance are presented. These tests were made when the transmitter was in full radiated power. The additional test was performed to show compliance with the requirement at the band-edge frequency 2483.5 MHz and up to 2500 MHz and at 2390.0 MHz.

The transmitter was configured with the worst case antenna and setup to transmit at the highest channel. Then the field strength was measured at 2483.5 MHz.

The transmitter was then configured with the worst case antenna and setup to transmit at the lowest channel. Then the field strength was measured at 2390.0 MHz. These tests were performed at 4 different bit rates.

10.2 Test Instruments Configuration:



10.3 Test Equipment List:

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Spectrum Analyzer	Agilent	E4408B	MY45107753	Apr. 27, 2006	Apr. 26, 2007
Pre Amplifier	Agilent	8449B	3008A02237	May. 03, 2006	May. 02, 2007
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2006	Jun. 25, 2007

10.4 Test Result _ Bluetooth 2.0 Mode:

Applicant	: Acer Incorporated
Model No	: c500
EUT	: Travel Companion
Test Mode	: Low CH & High CH
Test Date	: 03/221/2007

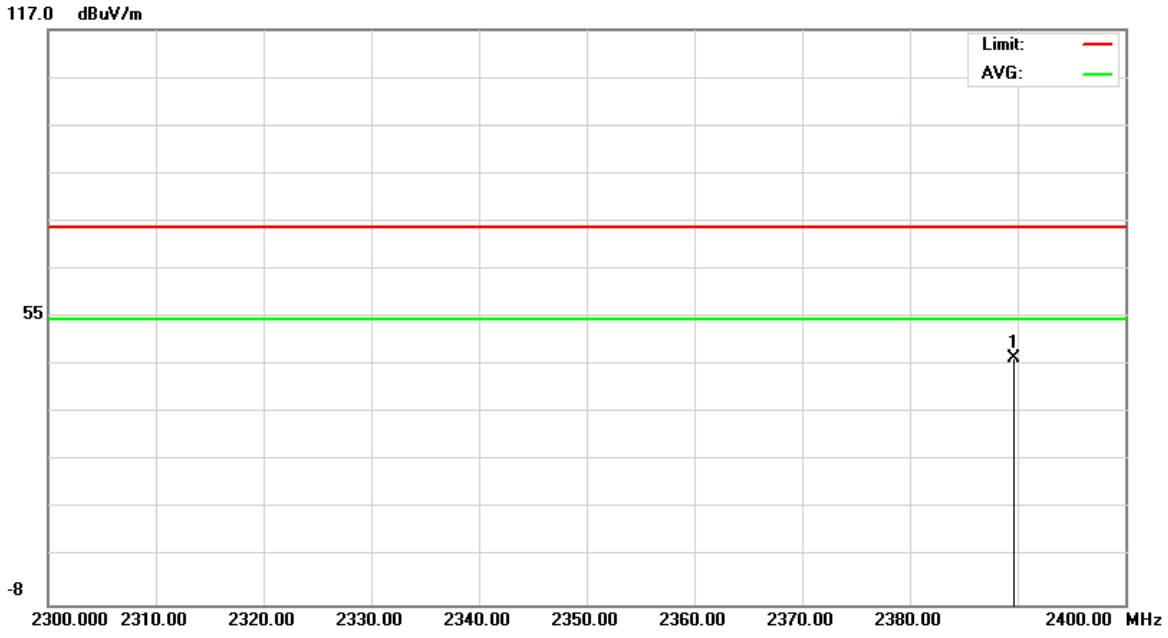
Test Graphs See next page.

Notes:

1. Margin= Amplitude - Limits
2. Height of table for EUT placed: 0.8 Meter.
3. ANT= Antenna height.
4. Duty= Duty cycle correction factor.
5. Dis= Distance extrapolation factor.
6. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
7. Actual Amp= Amplitude – Duty – Dis.

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#1 Date: 2007/3/22 Time: 上午 09:46:56



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT
Note: 2402MHz(105m)

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

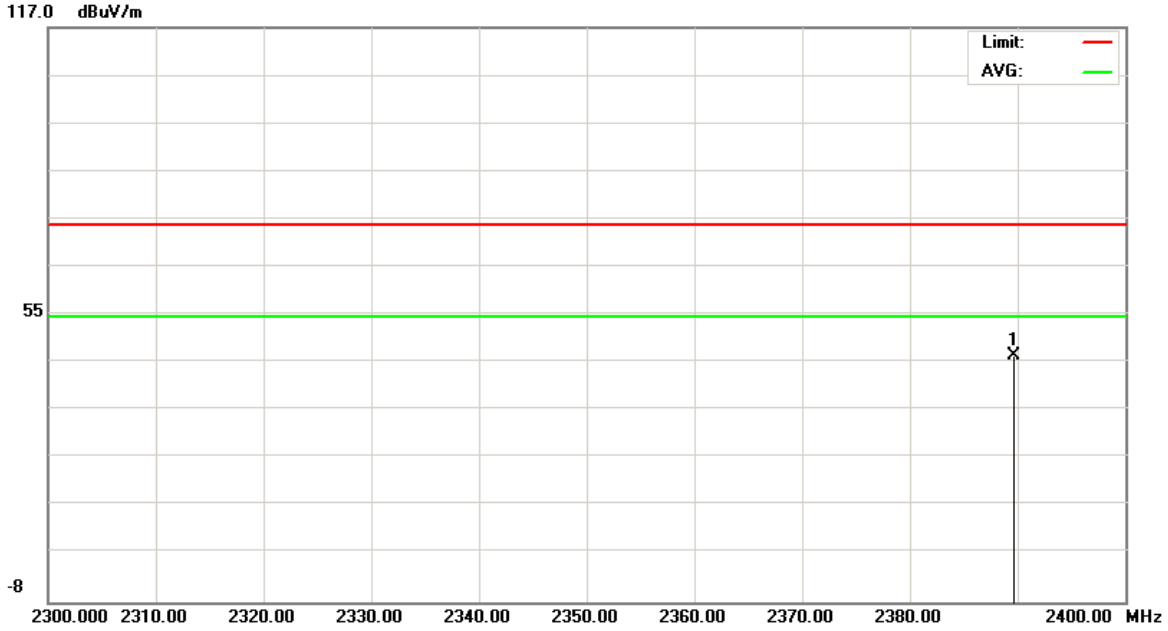
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2389.600	45.31	0.19	45.50	74.00	-28.50	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#1 Date: 2007/3/22 Time: 上午 09:46:56



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT
Note: 2402MHz(105m)

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

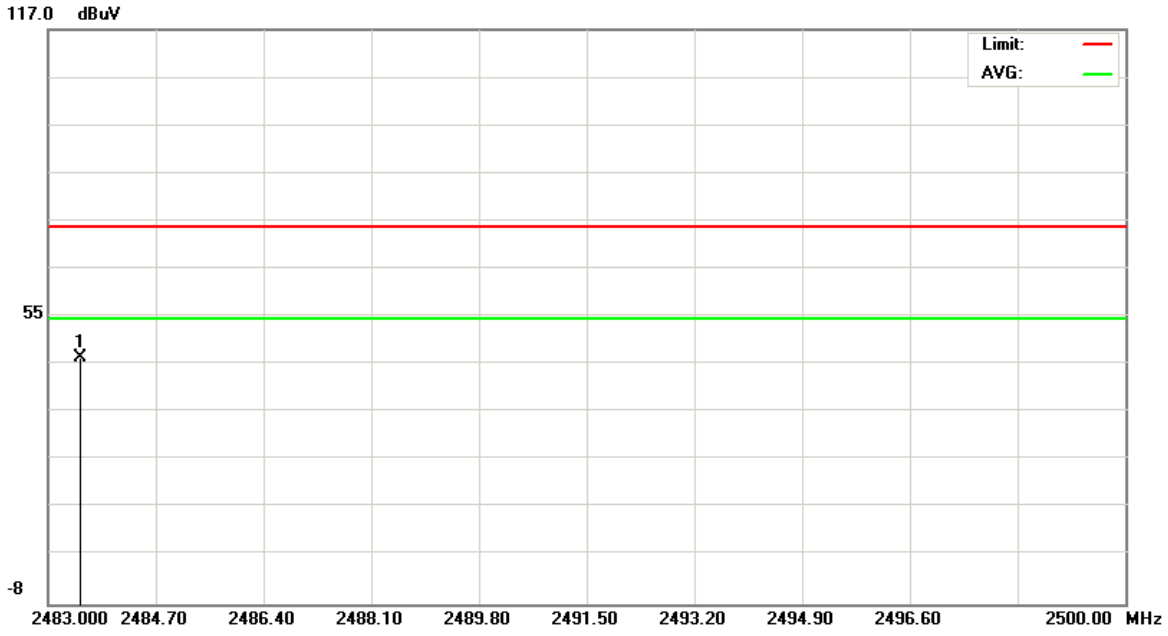
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2389.600	45.31	0.19	45.50	74.00	-28.50	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#3 Date: 2007/3/22 Time: 上午 09:53:23



Site 966半電波暗室 Polarization: ***Vertical*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: Cell phone Distance: 3m

M/N: c500

Mode: BT

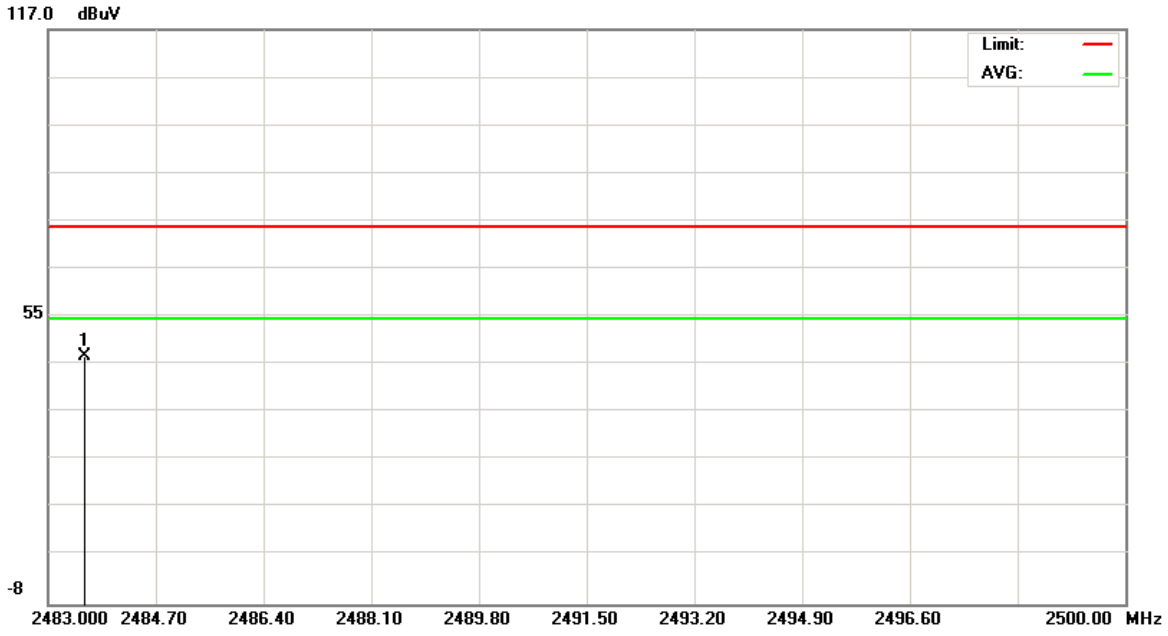
Note: 2480MHz(105m)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2483.510	45.27	0.24	45.51	74.00	-28.49	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#7 Date: 2007/3/22 Time: 上午 10:06:53



Site 966半電波暗室 Polarization: ***Horizontal*** Temperature: 22 ℃

Limit: FCC part 15 (PK) Power: Humidity: 60 %

EUT: Cell phone Distance: 3m

M/N: c500

Mode: BT

Note: 2480MHz(1m)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2483.578	45.61	0.24	45.85	74.00	-28.15	peak	

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

10.5 Test Result _ Bluetooth EDR Mode:

Applicant	: Acer Incorporated
Model No	: c500
EUT	: Travel Companion
Test Mode	: Low CH & High CH
Test Date	: 03/22/2007

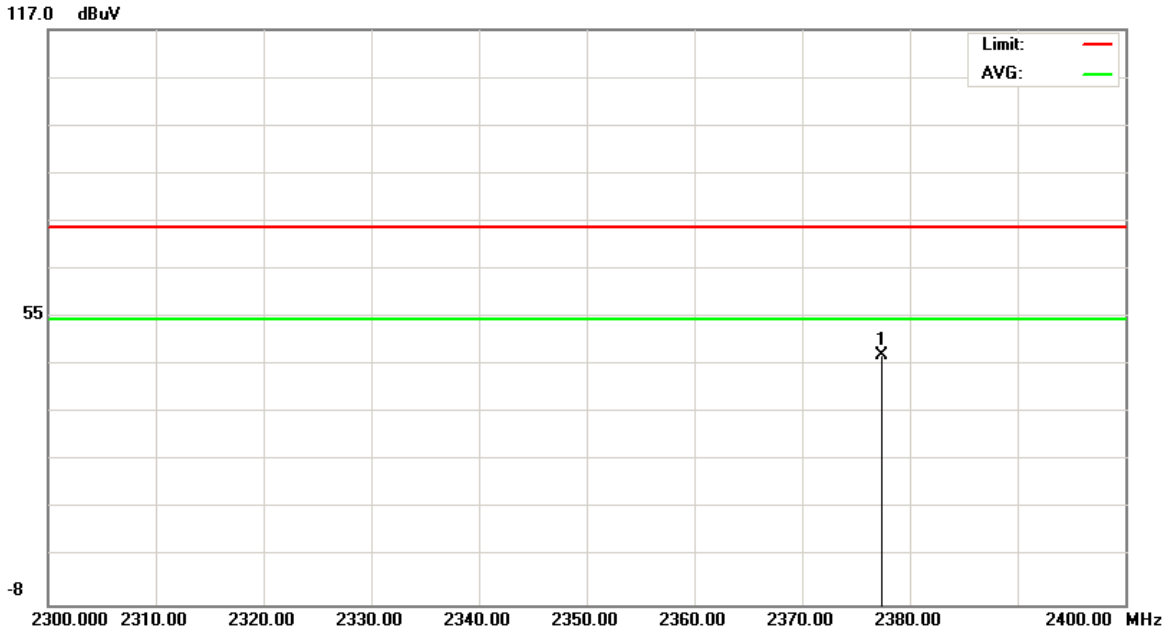
Test Graphs See next page.

Notes:

1. Margin= Amplitude - Limits
2. Height of table for EUT placed: 0.8 Meter.
3. ANT= Antenna height.
4. Duty= Duty cycle correction factor.
5. Dis= Distance extrapolation factor.
6. Amplitude= Reading Amplitude – Amplifier gain + Cable loss + Antenna factor
   (Auto calculate in spectrum analyzer)
7. Actual Amp= Amplitude – Duty – Dis.

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#1 Date: 2007/3/22 Time: 上午 10:23:09



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT EDR
Note: 2402MHz(105m)

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

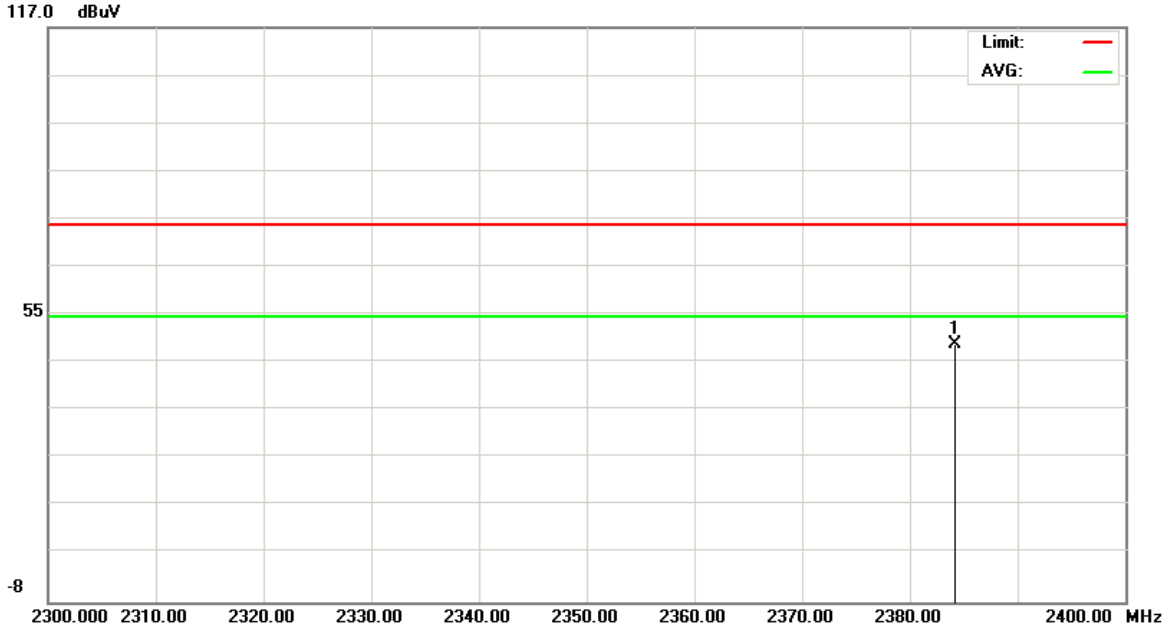
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2377.400	45.94	0.17	46.11	74.00	-27.89	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#5 Date: 2007/3/22 Time: 上午 10:42:43



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT EDR
Note: 2402MHz(1m)

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

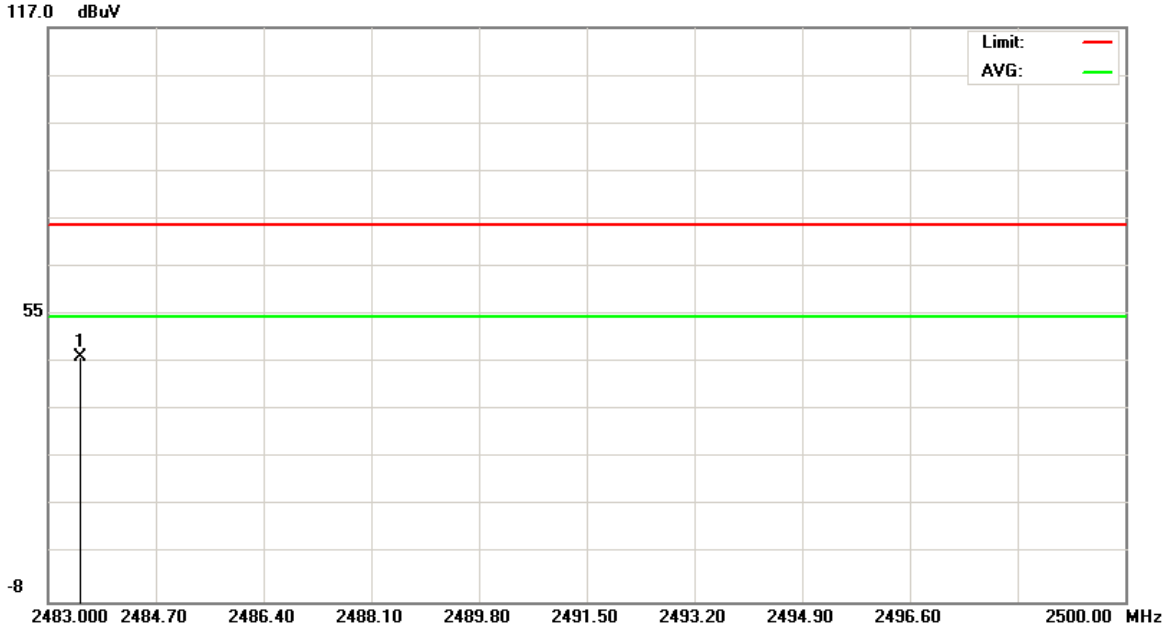
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2384.200	48.01	0.18	48.19	74.00	-25.81	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#3 Date: 2007/3/22 Time: 上午 10:30:02



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT EDR
Note: 2480MHz(105m)

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

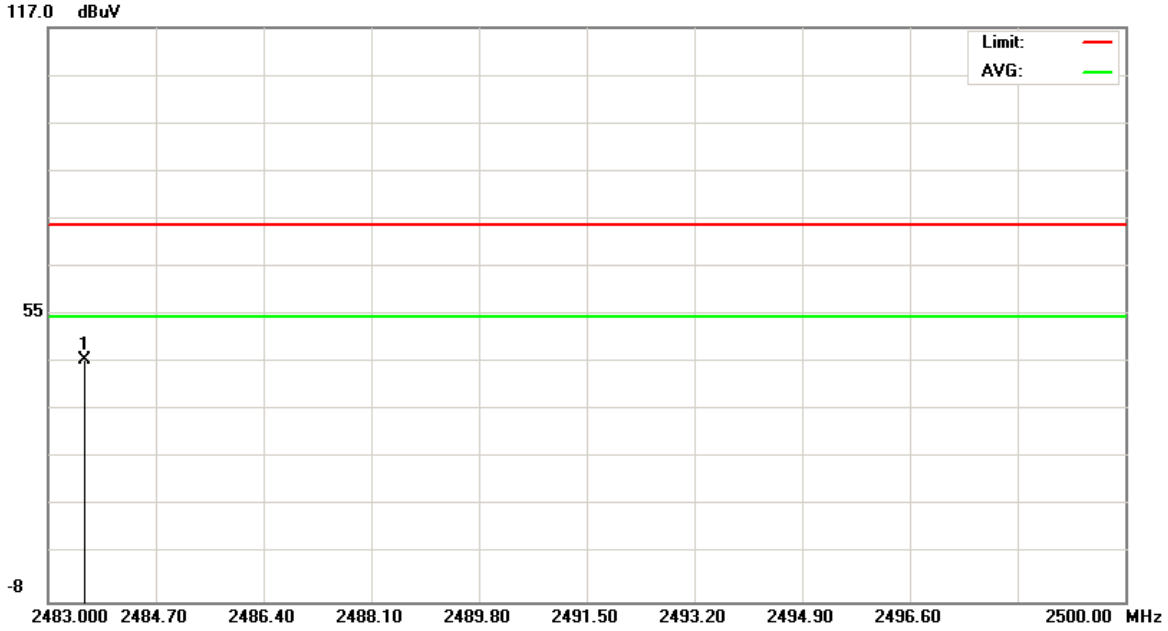
Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2483.510	45.00	0.24	45.24	74.00	-28.76	peak	

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

Radiated Emission Measurement

File :C500(03-22-2007)bandedge Data :#7 Date: 2007/3/22 Time: 上午 11:08:26



Site 966半電波暗室
Limit: FCC part 15 (PK)
EUT: Cell phone
M/N: c500
Mode: BT EDR
Note: 2480MHz(1m)

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

Temperature: 22 ℃
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	2483.578	44.29	0.24	44.53	74.00	-29.47	peak	

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

11. Antenna Requirements

11.1 Standard Applicable:

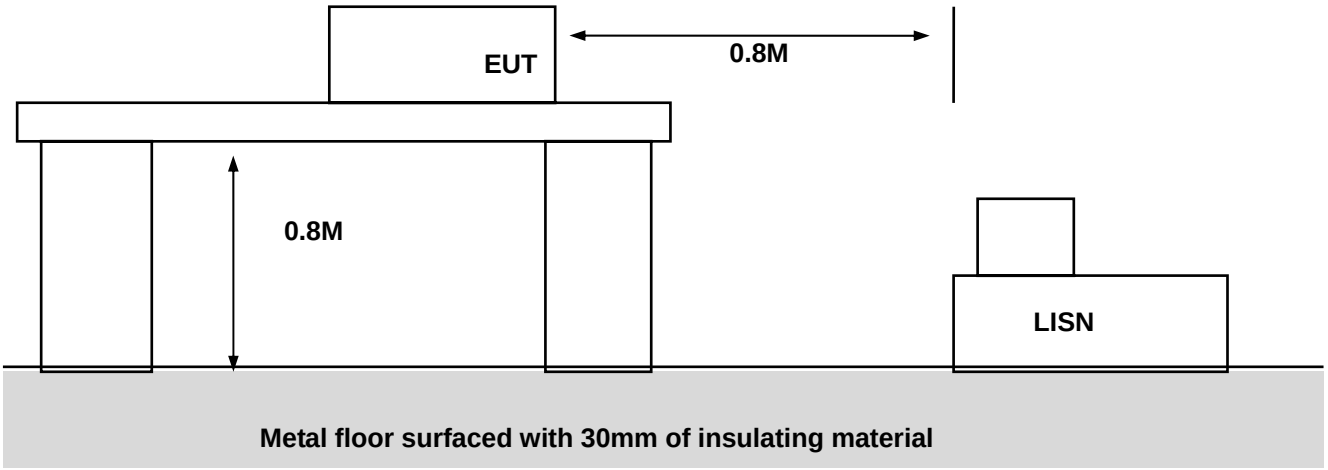
For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2 Antenna Connector Construction

The antenna used in this product is internal antenna. And the maximum Gain of this antenna is only **2.826** dBi.

Appendix A - EUT Test SETUP

MEASUREMENT OF POWER LINE CONDUCTED RFI VOLTAGE



MEASUREMENT OF RADIATED EMISSION