



A Test Lab Techno Corp.

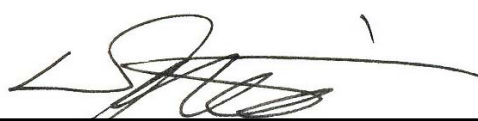
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Tel : +886-3-2710188 / Fax : +886-3-2710190

Part 15 C Measurement Report



Report No.	: 0906FR16-02
Applicant	: HTC Corporation
Product Type	: PDA Phone
Trade Mark	: HTC
Model No	: CLIC100
FCC ID	: NM8CKV
Dates of Test	: Jun. 08 ~ Jun. 24, 2009
Test Specification	: Part 15 Subpart C (15.247) PUBLIC NOTICE :DA 00-705 Filing and Measurement Guidelines for Frequency Hopping Spread Spectrum Systems
Location of Test Lab.	: Chang-an Lab.

1. The test operations have to be performed with cautious behavior, the test results are as attached.
2. The test results are under chamber environment of A Test Lab Techno Corp. A Test Lab Techno Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples.
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4. This document may be altered or revised by A Test Lab Techno. Corp. personnel only, and shall be noted in the revision section of the document.


Kevin Wang 20090630
Approve Signer


John Cheng 20090630
Testing Engineer



CERTIFICATION

We hereby verify that:

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

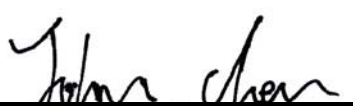
We further submit that the energy emitted by the sample EUT tested as described in the report is in compliance with Class B radiated and conducted emission limit of FCC Rules Part 15 Subpart C (15.247).

EUT : PDA Phone
Applicant : HTC Corporation
No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330,
Taiwan, R.O.C.
Trade Mark : HTC
Model No : CLIC100
FCC ID : NM8CKV

Approved by :


Kevin Wang 2009/06/30

Prepared by :


John Cheng 2009/06/30

A Test Lab Techno Corp.

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

1.1 Description of Equipment under Test (EUT)

Applicant :

HTC Corporation

No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan, R.O.C.

Manufacturer : HTC Corporation
Manufacturer Address : No. 23, Xinghua Rd., Taoyuan City, Taoyuan County 330, Taiwan, R.O.C.
Trade Mark : HTC
Product Model : CLIC100
Product Type : PDA Phone
FCC ID : NM8CKV
Frequency of Channel : See Table 1
Type of Modulation : Frequency Hopping Spread Spectrum
Hardware Ver. : XD
Software Ver. : 13.15.55.03H_1.35.03.06
Output Power : 0.001 W
Type of Antenna : Planar Inverted-F Antenna
Antenna Gain : 0 dBi

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 Difference Description of EUT

The model (HTC CLIC100) have different components source. The other circuit designed is the same.
Sample No.1 & Sample No.2 is use difference components (list below).

Component Name	Component Model No.	
	Sample 1 st	Sample 2 nd
LCD Panel	Samsung / LMS276GF02	Wintek / WD-F2432Z7-6FLWa
Camera	LiteOn / 08PF05	Foxconn / CMHT-30M00D
USB Cable	MEC / DC U200	Foxlink / DC U200

1.3 Introduction

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

1.4 Summary of Tests

47 CFR Part 15 Subpart C				
Reference	Test	Results		Note
		Sample 1 st	Sample 2 nd	
15.207	AC Power Conducted Emission	PASS	N/A	
15.247(c)	Transmitter Radiated Emissions	PASS	PASS	
15.247(b)	Max. Output Power	PASS	N/A	
15.247(a)(1)	20dB RF Bandwidth	PASS	N/A	
15.247(a)(1)(ii)	Carrier Frequency Separation	PASS	N/A	
15.247(a)(1)(i)	Number of Hopping	PASS	N/A	
15.247(a)(1)(i)	Time of Occupancy (Dwell Time)	PASS	N/A	
15.247(c)	Out of Band Conducted Spurious Emission	PASS	N/A	
15.247(c)	Band Edge Measurement	PASS	N/A	
15.203	Antenna Requirement	PASS	N/A	

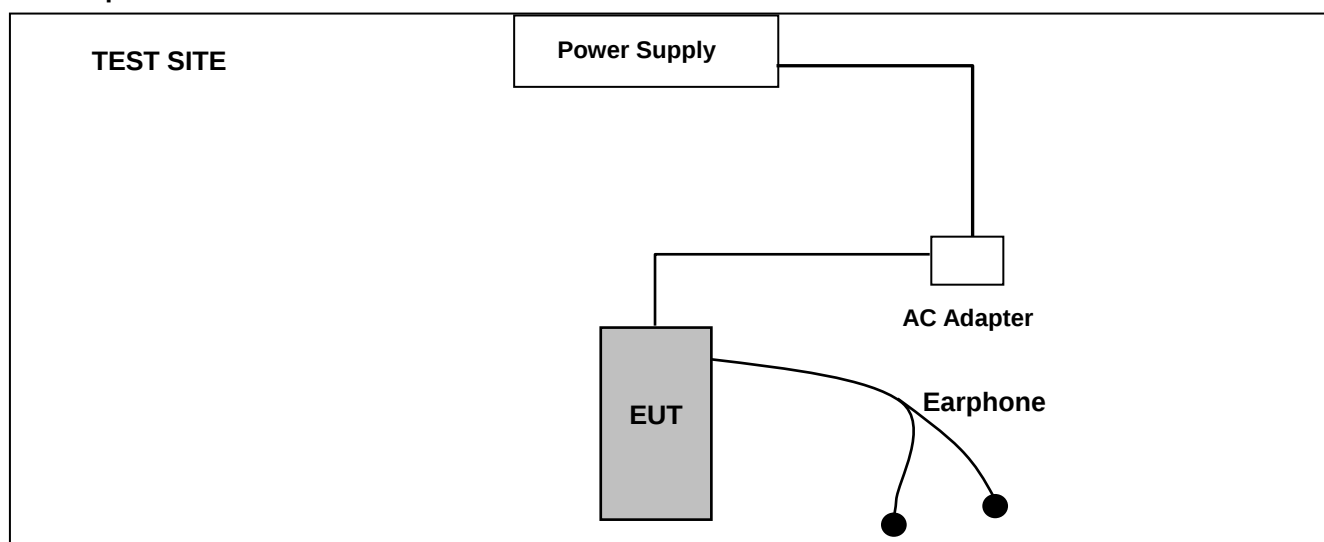
* Tested sample 1st and sample 2nd by Transmitter Radiated Emissions request. The sample 1st is worst case.
The other FCC Rule is tested sample 1st and recorded in the report.

1.5 Description of Support Equipment

Describe	Manufacturer	Model	Serial Number	Calibration	
				Cal. Date	Due Date
Bluetooth Tester	R&S	CBT	100350	Mar. 11, 2009	Mar. 11, 2010

1.6 Configuration of System under Test

AC Adapter Link



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

1.7 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."



1.8 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. 10, 2009	Mar. 10, 2010
Test Receiver	R&S	ESCI	100367	Jun. 05, 2009	Jun. 05, 2010
LISN	EMCO	3816/2 SH	00060110	Jun. 05, 2009	Jun. 05, 2010
LISN	EMCO	3816/2 SH	00060111	Jun. 30, 2008	Jun. 30, 2009
Transient Limiter	ELECTRO-METRICS	EM-7600	777	Jun. 26, 2008	Jun. 26, 2009



2.3 Test condition:

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

2.4 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

2.5 Measurement Data of Conducted Emissions:

2.5.1 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 : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Link Mode
Test Date : 06/08/2009

Please refer to next page of detail testing data.

Notes:

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



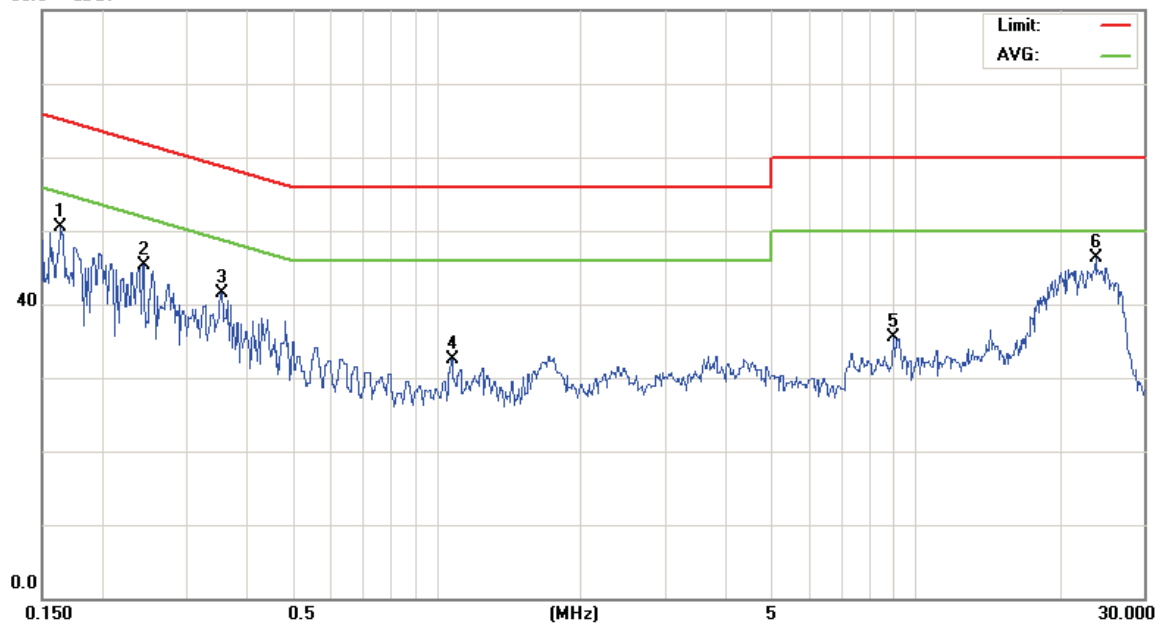
File :CLIC100(BT)

Data :#1

Date: 2009-6-8

Time: 下午 01:59:08

80.0 dBuV



Site site#1

Phase: **L1**

Temperature: 26 °C

Limit: CISPR22 Class B Conduction(QP)

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

M/N: 09-0141-SE

Mode: BT

Note: ADAPTER:PSAI05R-050Q

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1633	40.86	9.73	50.59	65.29	-14.70	peak	
2		0.2431	35.62	9.75	45.37	61.99	-16.62	peak	
3		0.3543	31.77	9.78	41.55	58.86	-17.31	peak	
4		1.0760	22.64	9.80	32.44	56.00	-23.56	peak	
5		9.0000	25.39	10.09	35.48	60.00	-24.52	peak	
6	*	23.7000	35.95	10.32	46.27	60.00	-13.73	peak	

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

●Reference Only



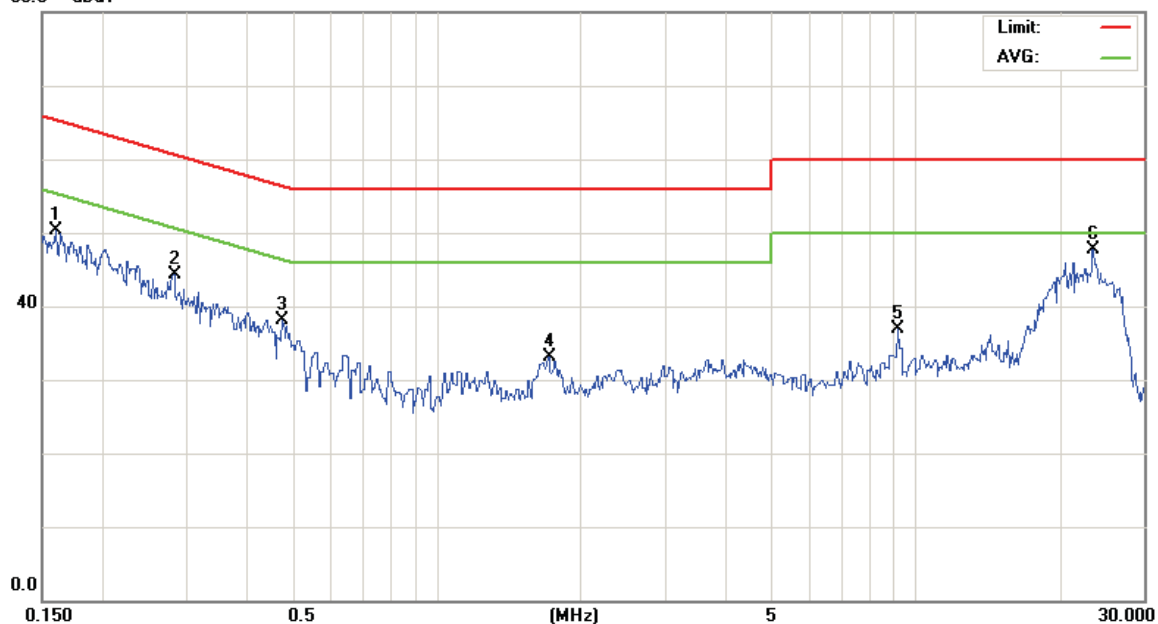
File :CLIC100(BT)

Data :#2

Date: 2009-6-8

Time: 下午 02:00:51

80.0 dBuV



Site site#1

Phase: **L2**

Temperature: 26 °C

Limit: CISPR22 Class B Conduction(QP)

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

M/N: 09-0141-SE

Mode: BT

Note: ADAPTER:PSAI05R-050Q

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.1598	40.51	9.73	50.24	65.47	-15.23	peak	
2		0.2823	34.50	9.76	44.26	60.75	-16.49	peak	
3		0.4748	28.40	9.78	38.18	56.43	-18.25	peak	
4		1.7150	23.29	9.82	33.11	56.00	-22.89	peak	
5		9.2000	26.89	10.09	36.98	60.00	-23.02	peak	
6	*	23.4000	37.44	10.35	47.79	60.00	-12.21	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 three 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 (model 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 per meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro volts per meter (dBuV/m).

The actual field intensity in decibels 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.

$$(1) \text{ Amplitude (dBuV/m) = FI (dBuV) + AF (dBuV) + CL (dBuV) - Gain (dB)}$$

FI= Reading of the field intensity.

AF= Antenna factor.

CL= Cable loss.

P.S Amplitude is auto calculate in spectrum analyzer.

$$(2) \text{ Actual Amplitude (dBuV/m) = Amplitude (dBuV) - Dis(dB)}$$

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	MY46181421	Mar. 13, 2009	Mar. 13, 2010
Pre Amplifier	Agilent	8449B	3008A02457	Mar. 04, 2009	Mar. 04, 2010
Pre Amplifier	Agilent	8447D	2944A11119	Jan. 19, 2009	Jan. 19, 2010
Test Receiver	R&S	ESCI	100367	Jun. 05, 2009	Jun. 05, 2010
Biconilog Antenna	SCHWARZBECK MESS-ELEKTRONIK	VULB9163	9163-270	Jun. 26, 2008	Jun. 26, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2008	Jun. 26, 2009
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9170	9170-320	Jun. 01, 2009	Jun. 01, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120E	0899	Jun. 26, 2008	Jun. 26, 2009



3.3 Test condition:

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

3.4 Radiated Emissions Limits:

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



3.5 Measurement Data of Radiated Emissions:

3.5.1 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 : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Link Mode _ Bluetooth 2.0 Low CH / Middle CH / Light CH
Test Date : 06/09 ~06/10/2009

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



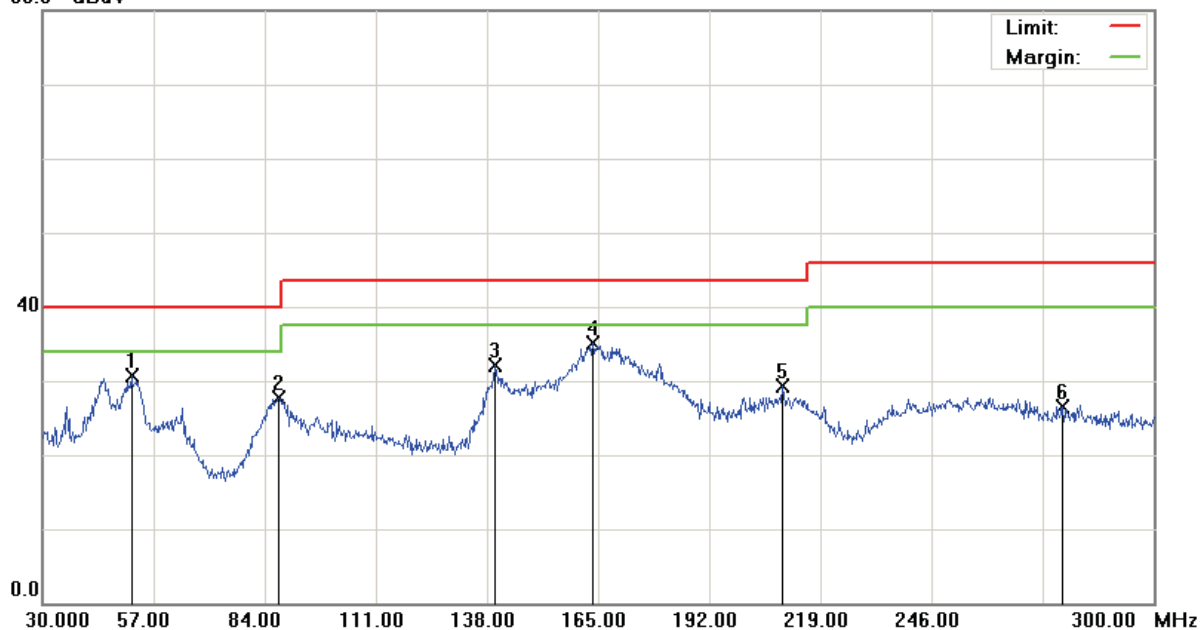
File :CLIC100(BT)

Data :#1

Date: 2009/6/9

Time: 下午 11:54:33

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		51.6000	42.78	-12.17	30.61	40.00	-9.39	peak		
2		87.2400	41.69	-14.04	27.65	40.00	-12.35	peak		
3		139.8900	48.45	-16.34	32.11	43.50	-11.39	peak		
4	*	163.6500	50.44	-15.35	35.09	43.50	-8.41	peak		
5		209.8200	42.10	-12.78	29.32	43.50	-14.18	peak		
6		277.8600	37.15	-10.58	26.57	46.00	-19.43	peak		

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



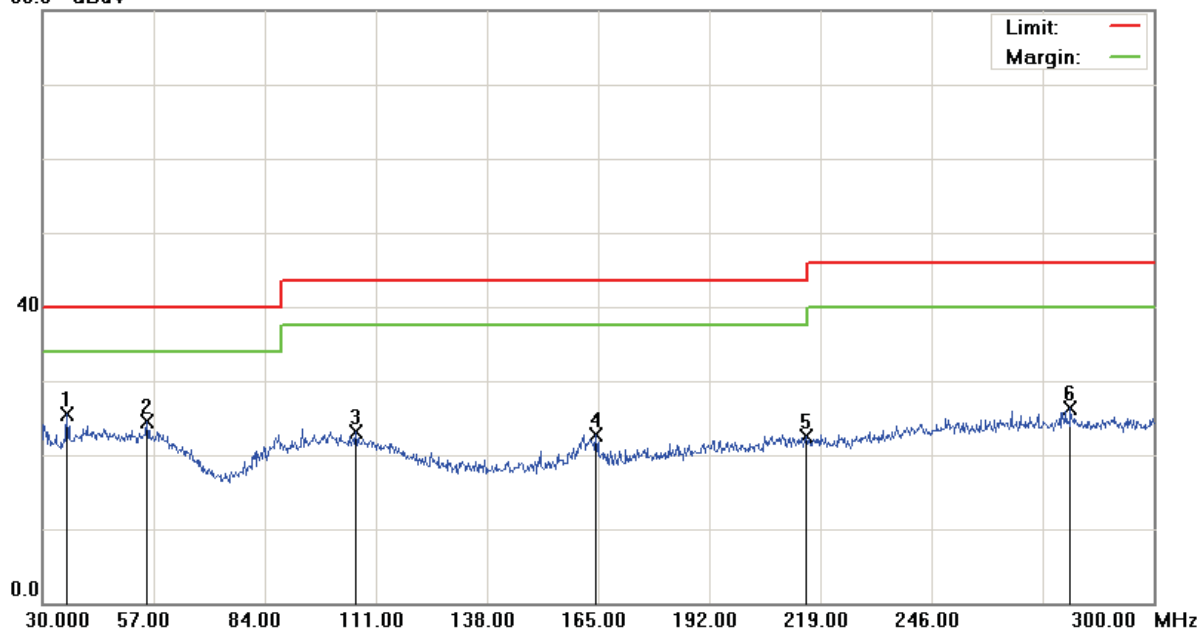
File :CLIC100(BT)

Data :#3

Date: 2009/6/10

Time: 上午 12:03:00

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	35.9400	38.49	-12.95	25.54	40.00	-14.46	peak			
2		55.3800	36.70	-12.24	24.46	40.00	-15.54	peak			
3		106.1400	35.22	-12.18	23.04	43.50	-20.46	peak			
4		164.4600	37.99	-15.32	22.67	43.50	-20.83	peak			
5		215.4900	35.13	-12.67	22.46	43.50	-21.04	peak			
6		279.7500	36.81	-10.43	26.38	46.00	-19.62	peak			

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



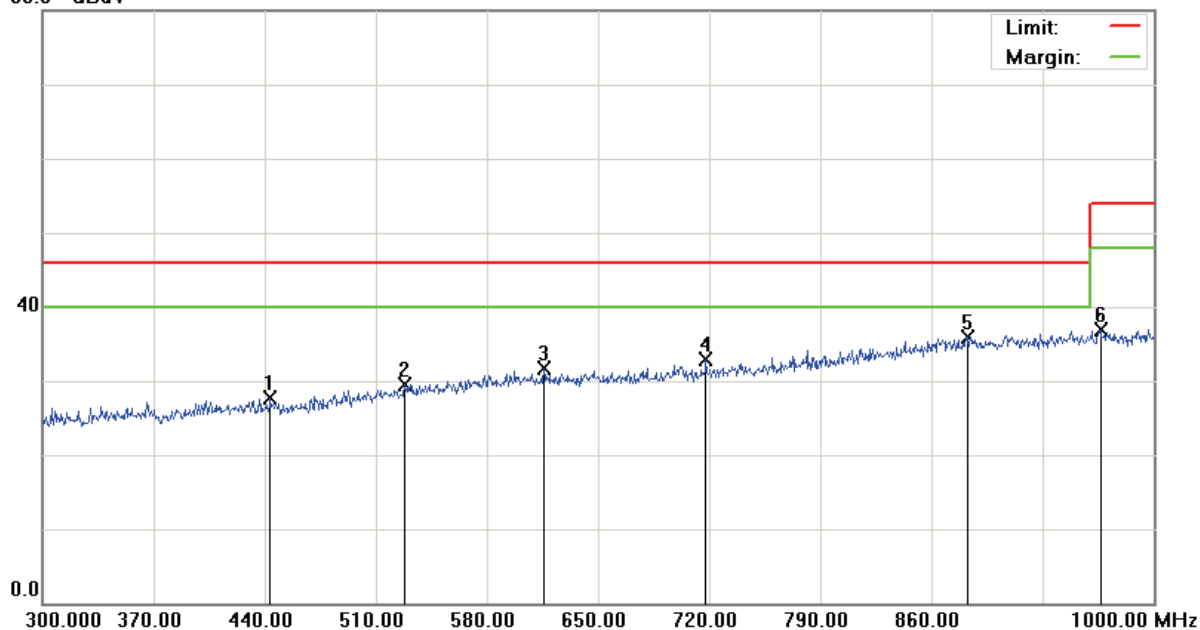
File :CLIC100(BT)

Data :#2

Date: 2009/6/9

Time: 下午 11:58:46

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		443.5000	35.69	-8.02	27.67	46.00	-18.33	peak		
2		528.2000	35.90	-6.34	29.56	46.00	-16.44	peak		
3		615.7000	36.01	-4.39	31.62	46.00	-14.38	peak		
4		717.9000	36.41	-3.58	32.83	46.00	-13.17	peak		
5	*	883.1000	36.31	-0.33	35.98	46.00	-10.02	peak		
6		966.4000	36.20	0.69	36.89	54.00	-17.11	peak		

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



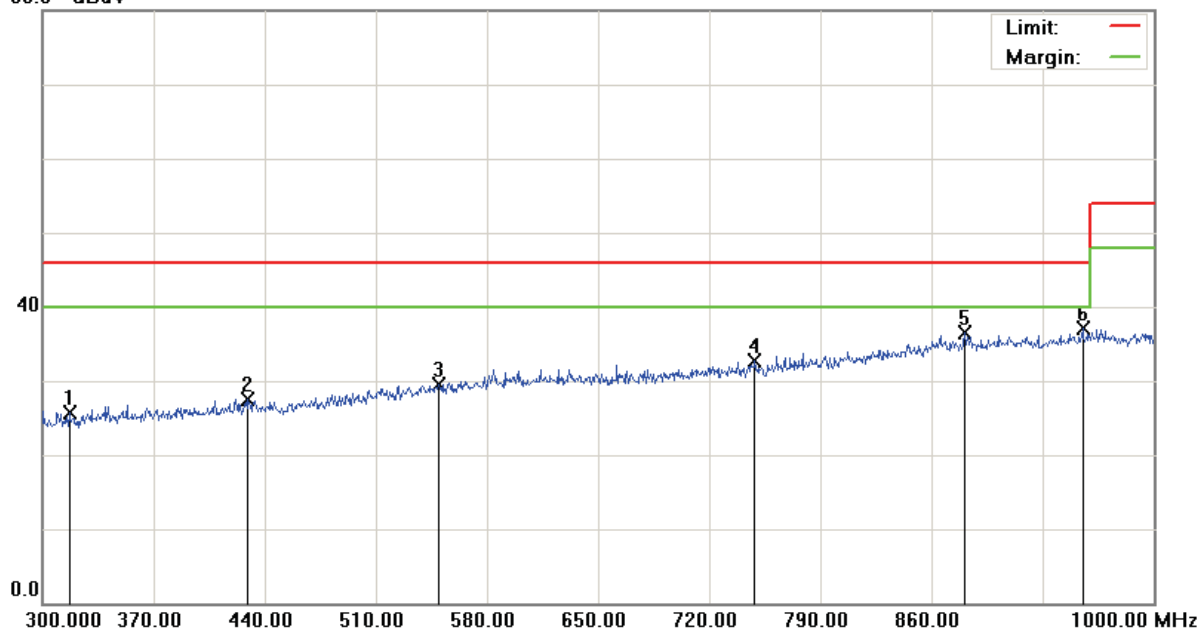
File :CLIC100(BT)

Data :#4

Date: 2009/6/10

Time: 上午 12:07:14

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		316.8000	35.40	-9.78	25.62	46.00	-20.38	peak			
2		428.8000	35.61	-8.05	27.56	46.00	-18.44	peak			
3		549.9000	35.51	-6.01	29.50	46.00	-16.50	peak			
4		748.7000	35.85	-3.11	32.74	46.00	-13.26	peak			
5		881.0000	37.10	-0.58	36.52	46.00	-9.48	peak			
6	*	955.2000	36.85	0.25	37.10	46.00	-8.90	peak			

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



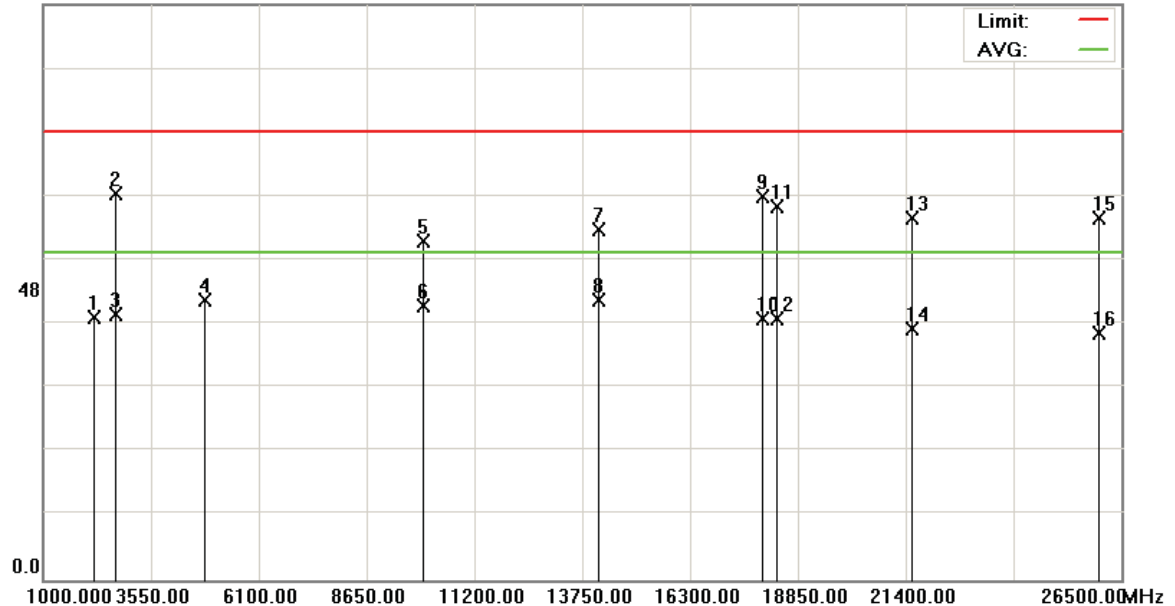
File :CLIC100(CH2402)

Data :#17

Date: 2009/6/9

Time: 下午 11:10:02

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: ,

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz),

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2179.800	43.19	0.23	43.42	74.00	-30.58	peak		
2		2700.000	41.15	22.58	63.73	74.00	-10.27	peak		
3		2700.000	21.14	22.58	43.72	54.00	-10.28	AVG		
4		4804.000	38.79	7.32	46.11	74.00	-27.89	peak		
5		9963.500	38.05	17.82	55.87	74.00	-18.13	peak		
6		9963.500	27.33	17.82	45.15	54.00	-8.85	AVG		
7		14120.00	38.89	18.87	57.76	74.00	-16.24	peak		
8	*	14120.00	27.31	18.87	46.18	54.00	-7.82	AVG		
9		18000.00	37.72	25.57	63.29	74.00	-10.71	peak		
10		18000.00	17.45	25.57	43.02	54.00	-10.98	AVG		
11		18318.75	38.37	23.19	61.56	74.00	-12.44	peak		
12		18318.75	20.02	23.19	43.21	54.00	-10.79	AVG		

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: ,	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH00(2402MHz),		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21548.75	38.45	21.33	59.78	74.00	-14.22	peak		
14		21548.75	20.15	21.33	41.48	54.00	-12.52	AVG		
15		25947.50	41.23	18.60	59.83	74.00	-14.17	peak		
16		25947.50	22.18	18.60	40.78	54.00	-13.22	AVG		

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

●Reference Only



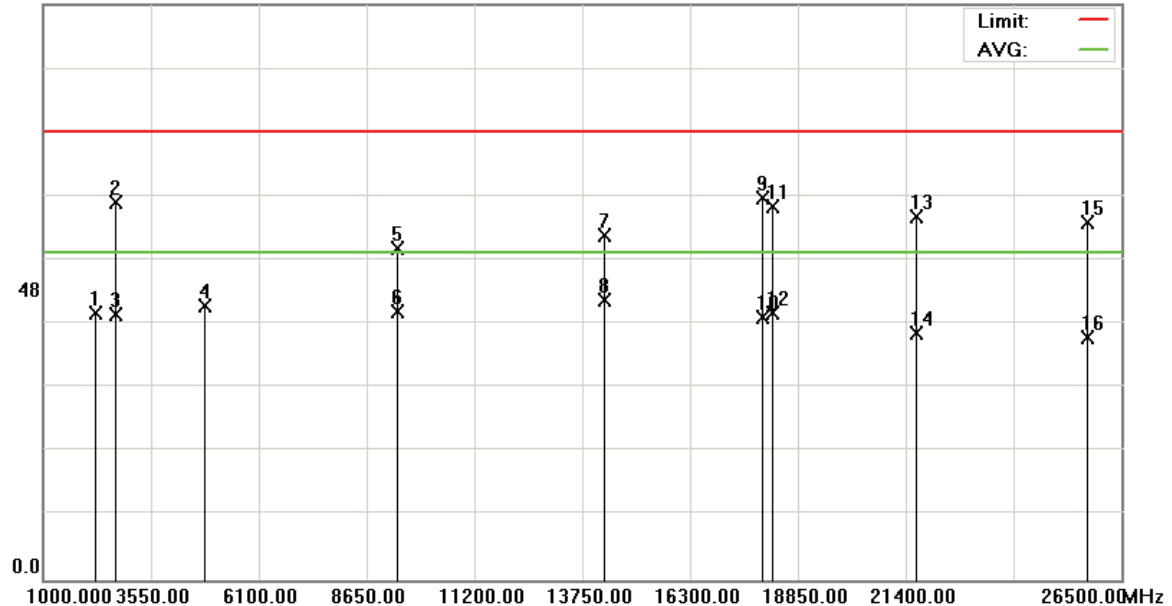
File :CLIC100(CH2402)

Data :#18

Date: 2009/6/9

Time: 下午 11:37:51

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: ,

M/N: 09-0141-SE

Mode: BT2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		2227.400	43.57	0.44	44.01	74.00	-29.99	peak		
2		2700.000	39.83	22.58	62.41	74.00	-11.59	peak		
3		2700.000	21.28	22.58	43.86	54.00	-10.14	AVG		
4		4804.000	37.86	7.32	45.18	74.00	-28.82	peak		
5		9361.250	37.68	16.98	54.66	74.00	-19.34	peak		
6		9361.250	27.43	16.98	44.41	54.00	-9.59	AVG		
7		14240.00	38.14	18.71	56.85	74.00	-17.15	peak		
8	*	14240.00	27.37	18.71	46.08	54.00	-7.92	AVG		
9		18000.00	37.37	25.57	62.94	74.00	-11.06	peak		
10		18000.00	17.66	25.57	43.23	54.00	-10.77	AVG		
11		18233.75	38.37	23.21	61.58	74.00	-12.42	peak		
12		18233.75	20.76	23.21	43.97	54.00	-10.03	AVG		

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance: ,	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH00(2402MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21655.00	38.60	21.27	59.87	74.00	-14.13	peak		
14		21655.00	19.48	21.27	40.75	54.00	-13.25	AVG		
15		25671.25	40.24	18.85	59.09	74.00	-14.91	peak		
16		25671.25	21.06	18.85	39.91	54.00	-14.09	AVG		

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

●Reference Only



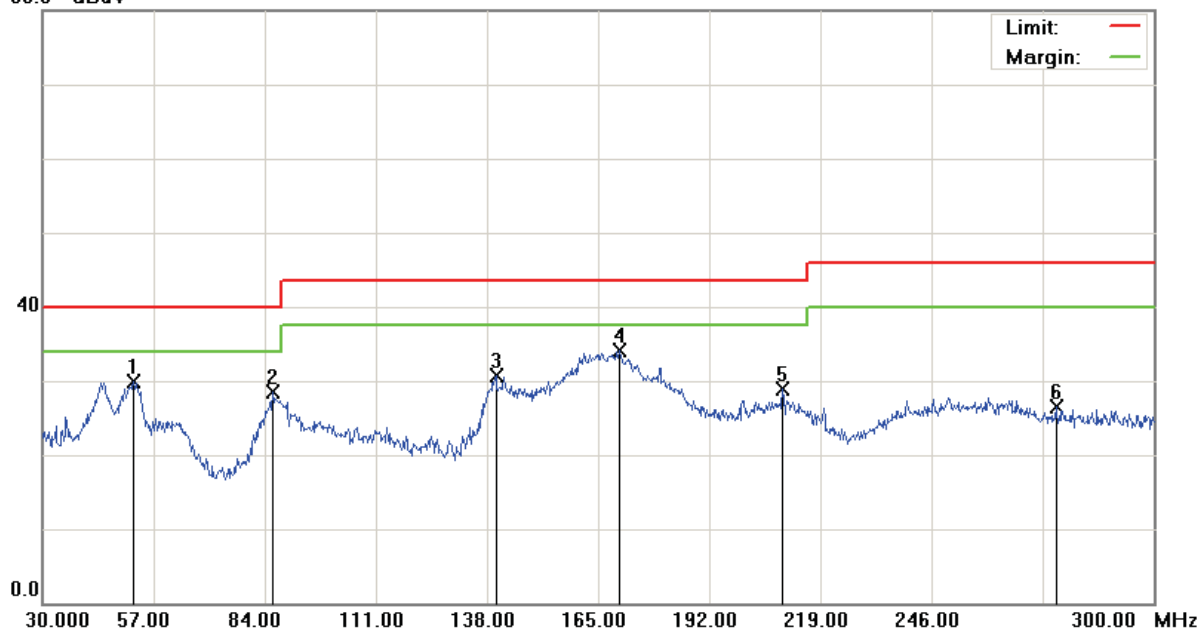
File :CLIC100(BT)

Data :#5

Date: 2009/6/10

Time: 上午 12:13:18

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		52.1400	42.17	-12.18	29.99	40.00	-10.01	peak		
2		85.8900	43.02	-14.46	28.56	40.00	-11.44	peak		
3		140.1600	47.06	-16.35	30.71	43.50	-12.79	peak		
4	*	170.1300	49.43	-15.40	34.03	43.50	-9.47	peak		
5		209.8200	41.68	-12.78	28.90	43.50	-14.60	peak		
6		276.2400	37.13	-10.70	26.43	46.00	-19.57	peak		

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



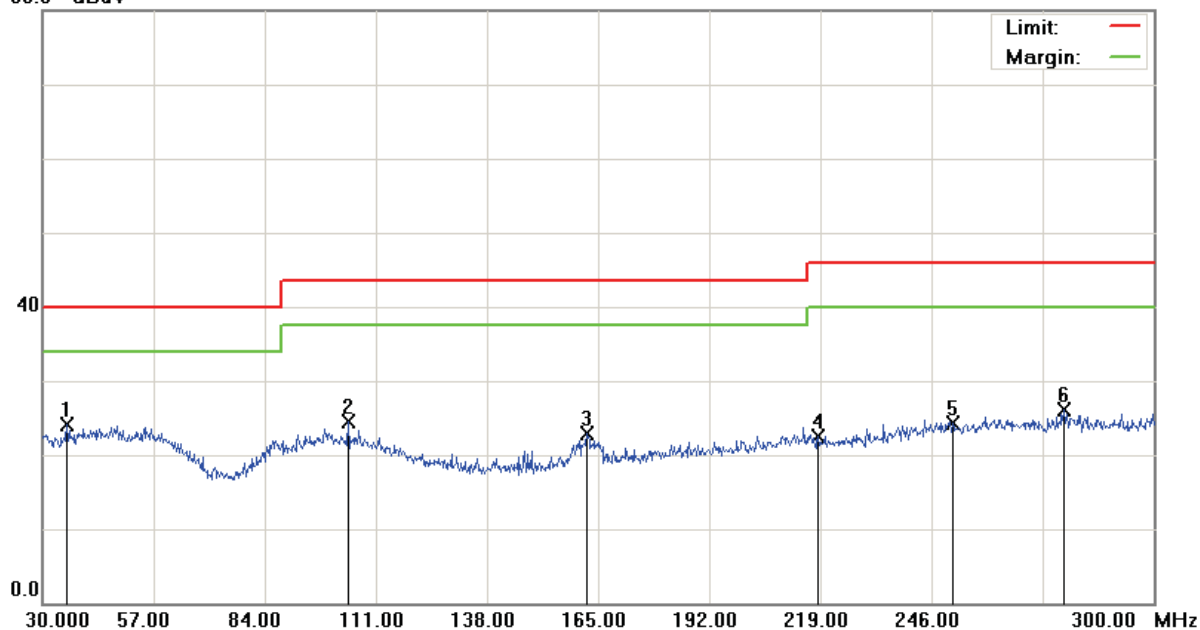
File :CLIC100(BT)

Data :#7

Date: 2009/6/10

Time: 上午 12:21:45

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	35.9400	37.08	-12.95	24.13	40.00	-15.87	peak			
2		104.2500	36.62	-12.04	24.58	43.50	-18.92	peak			
3		162.3000	38.22	-15.40	22.82	43.50	-20.68	peak			
4		218.4600	35.05	-12.48	22.57	46.00	-23.43	peak			
5		251.1300	35.12	-10.89	24.23	46.00	-21.77	peak			
6		278.1300	36.60	-10.56	26.04	46.00	-19.96	peak			

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



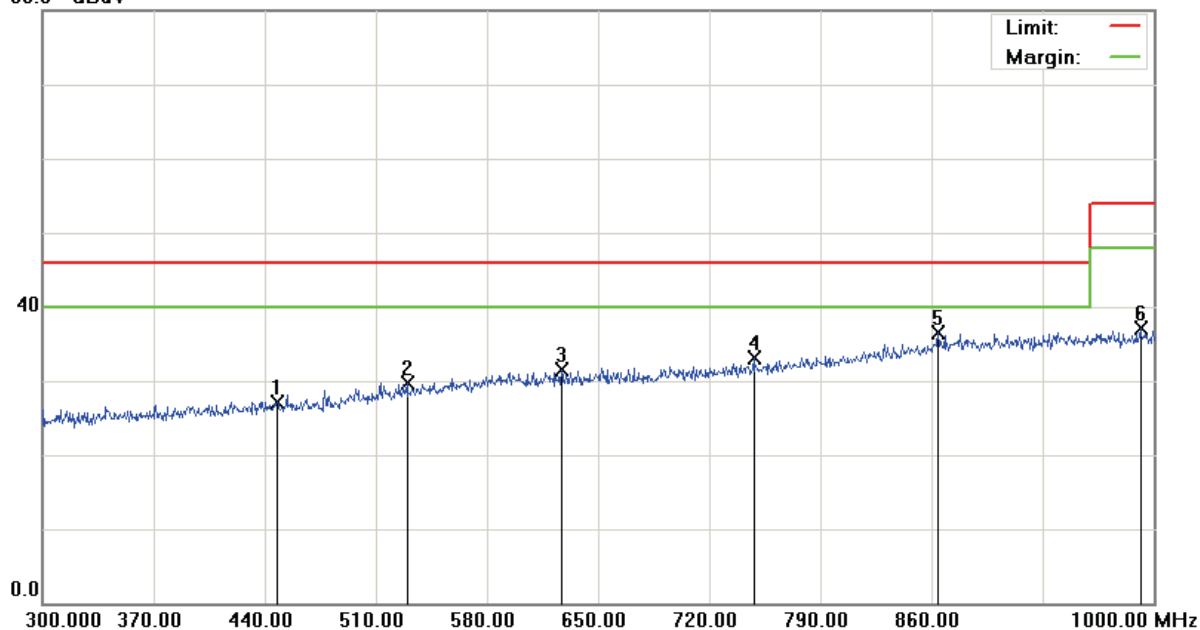
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Data :#6

Date: 2009/6/10

Time: 上午 12:17:31

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		447.7000	35.28	-8.10	27.18	46.00	-18.82	peak			
2		529.6000	35.99	-6.27	29.72	46.00	-16.28	peak			
3		626.9000	36.09	-4.54	31.55	46.00	-14.45	peak			
4		748.0000	36.28	-3.11	33.17	46.00	-12.83	peak			
5	*	864.2000	37.04	-0.60	36.44	46.00	-9.56	peak			
6		991.6000	36.17	0.89	37.06	54.00	-16.94	peak			

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



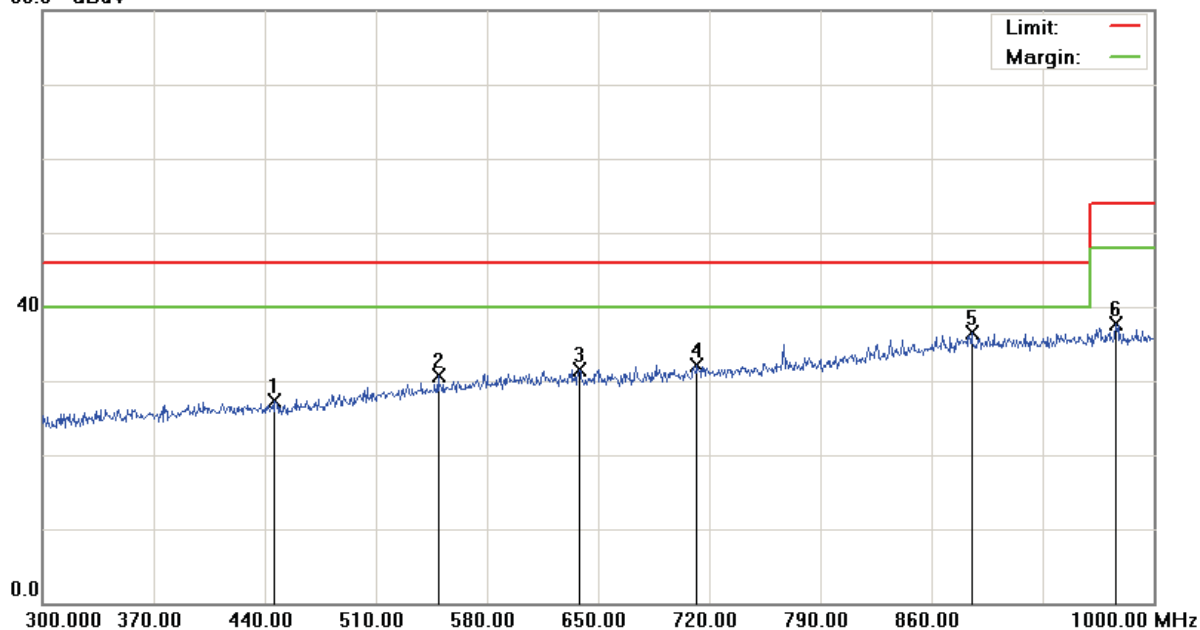
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Data :#8

Date: 2009/6/10

Time: 上午 12:25:59

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		446.3000	35.32	-8.06	27.26	46.00	-18.74	peak		
2		549.2000	36.70	-6.01	30.69	46.00	-15.31	peak		
3		638.1000	35.94	-4.42	31.52	46.00	-14.48	peak		
4		712.3000	35.92	-3.78	32.14	46.00	-13.86	peak		
5	*	885.2000	36.68	-0.14	36.54	46.00	-9.46	peak		
6		976.2000	37.06	0.60	37.66	54.00	-16.34	peak		

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



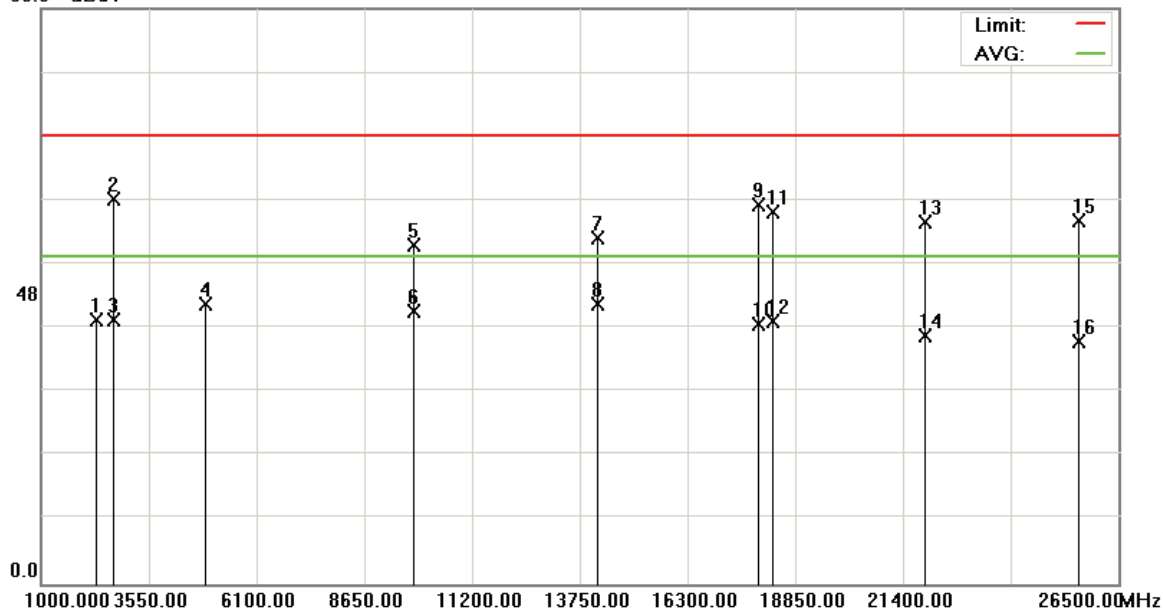
File :CLIC100(CH2441)

Data :#17

Date: 2009/6/9

Time: 下午 11:17:51

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2276.700	43.10	0.45	43.55	74.00	-30.45	peak		
2		2700.000	40.92	22.58	63.50	74.00	-10.50	peak		
3		2700.000	20.96	22.58	43.54	54.00	-10.46	AVG		
4		4882.000	38.56	7.74	46.30	74.00	-27.70	peak		
5		9799.250	38.25	17.67	55.92	74.00	-18.08	peak		
6		9799.250	27.24	17.67	44.91	54.00	-9.09	AVG		
7		14160.00	38.32	18.83	57.15	74.00	-16.85	peak		
8 *		14160.00	27.32	18.83	46.15	54.00	-7.85	AVG		
9		17980.00	37.37	25.21	62.58	74.00	-11.42	peak		
10		17980.00	17.71	25.21	42.92	54.00	-11.08	AVG		
11		18297.50	38.28	23.20	61.48	74.00	-12.52	peak		
12		18297.50	20.10	23.20	43.30	54.00	-10.70	AVG		

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH39(2441MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21910.00	38.65	21.16	59.81	74.00	-14.19	peak		
14		21910.00	19.90	21.16	41.06	54.00	-12.94	AVG		
15		25543.75	40.95	18.95	59.90	74.00	-14.10	peak		
16		25543.75	21.12	18.95	40.07	54.00	-13.93	AVG		

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

●Reference Only



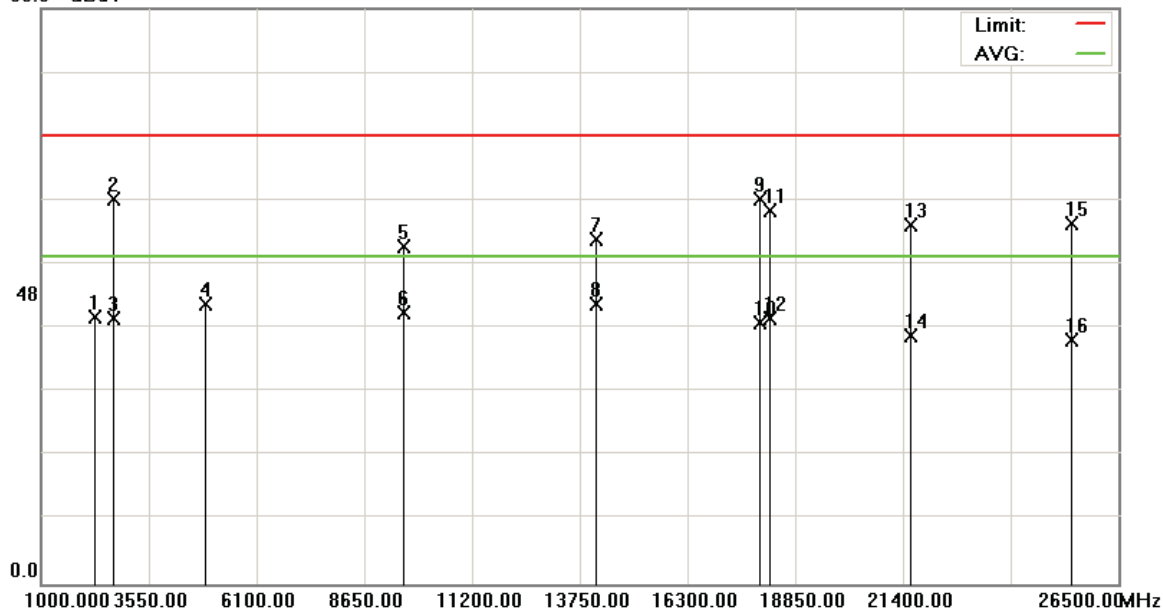
File :CLIC100(CH2441)

Data :#18

Date: 2009/6/9

Time: 下午 11:30:50

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT2.0

Note: CH39(2441MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2264.800	43.55	0.44	43.99	74.00	-30.01			peak
2		2700.000	41.02	22.58	63.60	74.00	-10.40			peak
3		2700.000	21.24	22.58	43.82	54.00	-10.18			AVG
4		4882.000	38.34	7.74	46.08	74.00	-27.92			peak
5		9580.250	38.46	17.31	55.77	74.00	-18.23			peak
6		9580.250	27.46	17.31	44.77	54.00	-9.23			AVG
7		14120.00	38.13	18.87	57.00	74.00	-17.00			peak
8	*	14120.00	27.26	18.87	46.13	54.00	-7.87			AVG
9		18000.00	37.88	25.57	63.45	74.00	-10.55			peak
10		18000.00	17.51	25.57	43.08	54.00	-10.92			AVG
11		18233.75	38.50	23.21	61.71	74.00	-12.29			peak
12		18233.75	20.61	23.21	43.82	54.00	-10.18			AVG

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH39(2441MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21570.00	38.02	21.31	59.33	74.00	-14.67	peak		
14		21570.00	19.61	21.31	40.92	54.00	-13.08	AVG		
15		25395.00	40.55	19.04	59.59	74.00	-14.41	peak		
16		25395.00	21.20	19.04	40.24	54.00	-13.76	AVG		

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

●Reference Only



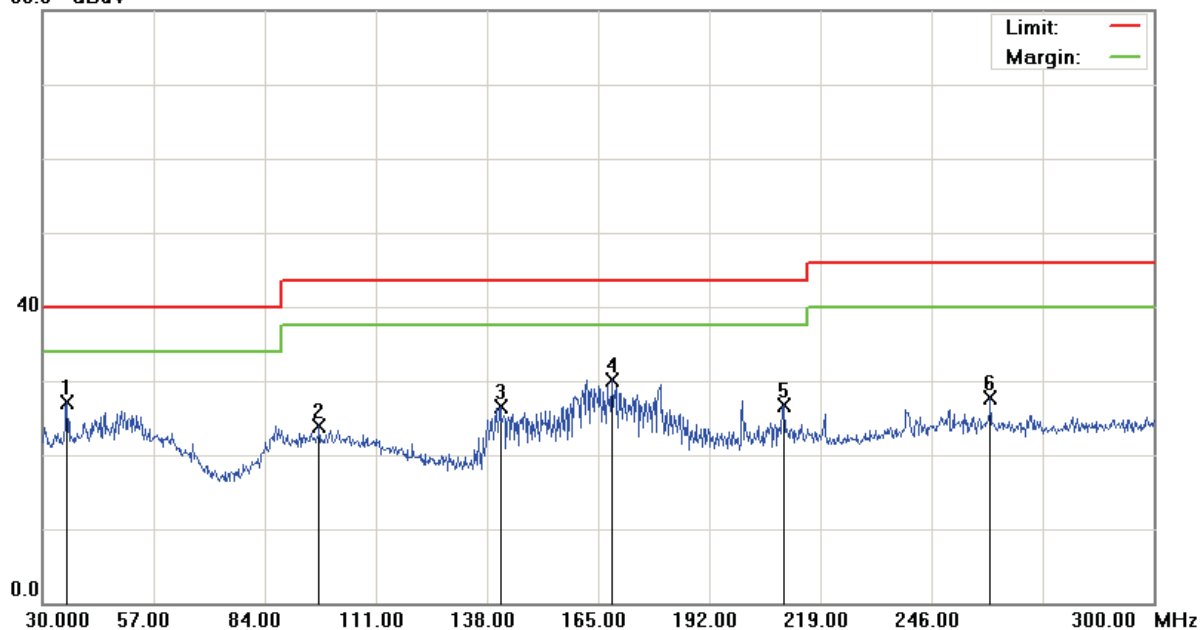
File :CLIC100(BT)

Data :#9

Date: 2009/6/10

Time: 上午 12:37:11

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	35.9400	39.96	-12.95	27.01	40.00	-12.99	peak		
2		97.2300	35.79	-11.92	23.87	43.50	-19.63	peak		
3		141.2400	42.90	-16.31	26.59	43.50	-16.91	peak		
4		168.2400	45.46	-15.37	30.09	43.50	-13.41	peak		
5		210.0900	39.42	-12.77	26.65	43.50	-16.85	peak		
6		260.3100	38.96	-11.23	27.73	46.00	-18.27	peak		

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



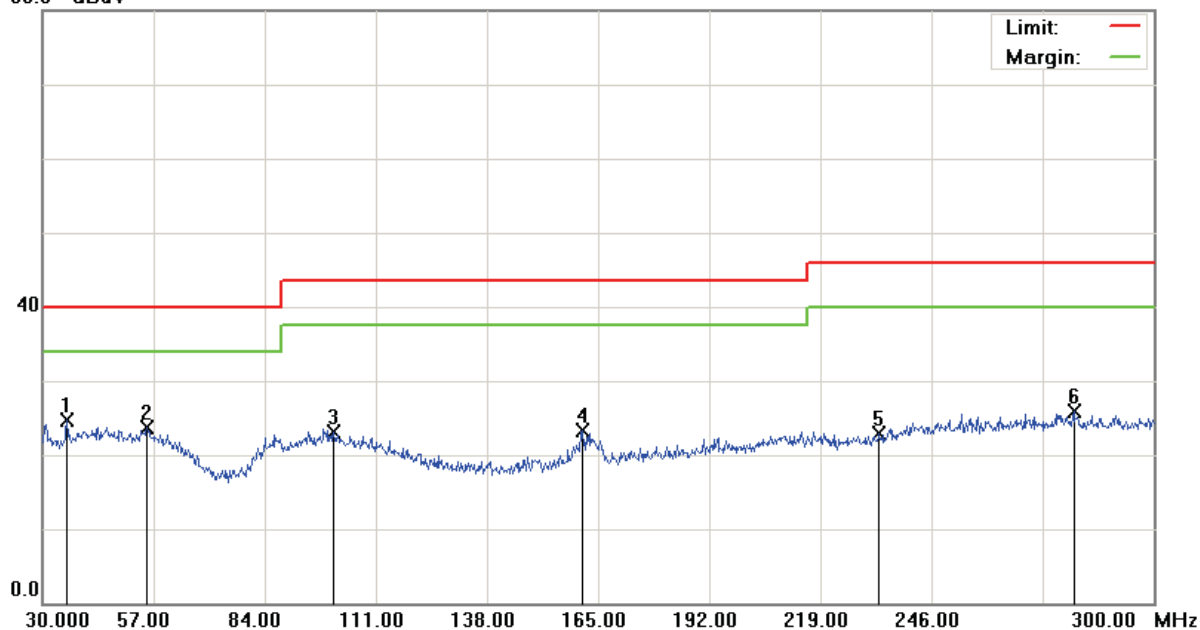
File :CLIC100(BT)

Data :#11

Date: 2009/6/10

Time: 上午 12:45:38

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	35.9400	37.67	-12.95	24.72	40.00	-15.28	peak			
2		55.3800	35.88	-12.24	23.64	40.00	-16.36	peak			
3		100.7400	34.98	-11.81	23.17	43.50	-20.33	peak			
4		161.2200	38.66	-15.44	23.22	43.50	-20.28	peak			
5		233.3100	34.63	-11.78	22.85	46.00	-23.15	peak			
6		280.5600	36.23	-10.40	25.83	46.00	-20.17	peak			

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



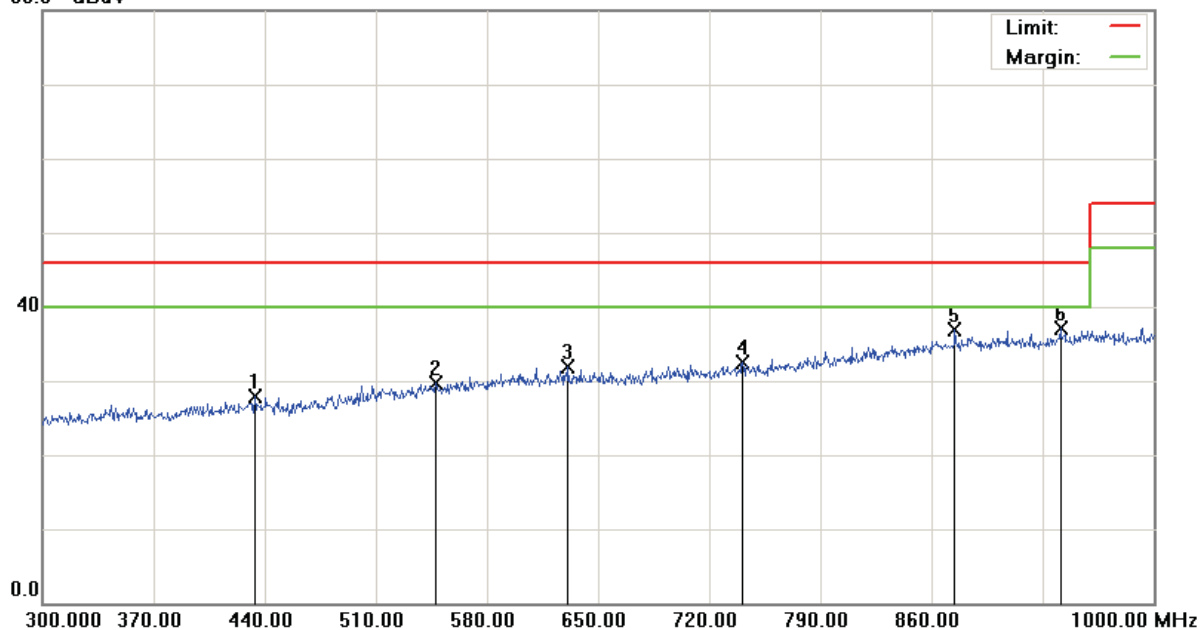
File :CLIC100(BT)

Data :#10

Date: 2009/6/10

Time: 上午 12:41:24

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		433.7000	35.82	-8.01	27.81	46.00	-18.19	peak			
2		547.8000	35.66	-6.03	29.63	46.00	-16.37	peak			
3		631.1000	36.18	-4.36	31.82	46.00	-14.18	peak			
4		741.0000	35.67	-3.25	32.42	46.00	-13.58	peak			
5		874.7000	37.80	-0.81	36.99	46.00	-9.01	peak			
6	*	941.2000	36.88	0.28	37.16	46.00	-8.84	peak			

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



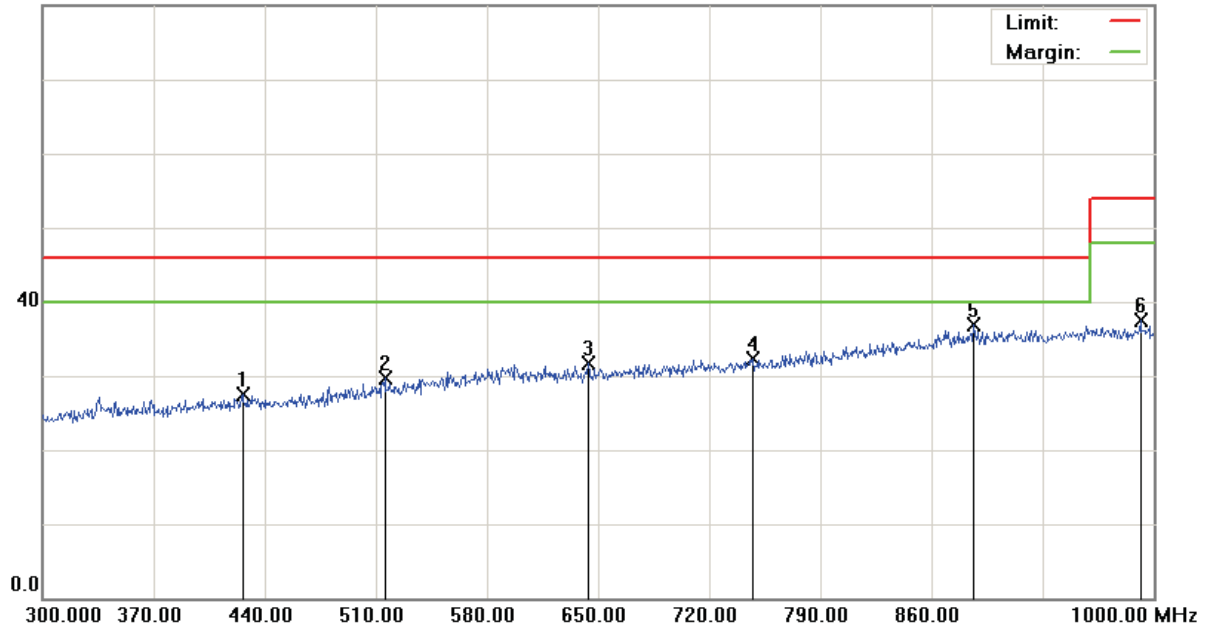
File :CLIC100(BT)

Data :#12

Date: 2009/6/10

Time: 上午 12:49:52

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		426.0000	35.48	-8.07	27.41	46.00	-18.59	peak		
2		515.6000	36.21	-6.44	29.77	46.00	-16.23	peak		
3		643.7000	36.14	-4.51	31.63	46.00	-14.37	peak		
4		747.3000	35.45	-3.11	32.34	46.00	-13.66	peak		
5	*	886.6000	37.35	-0.35	37.00	46.00	-9.00	peak		
6		991.6000	36.57	0.89	37.46	54.00	-16.54	peak		

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



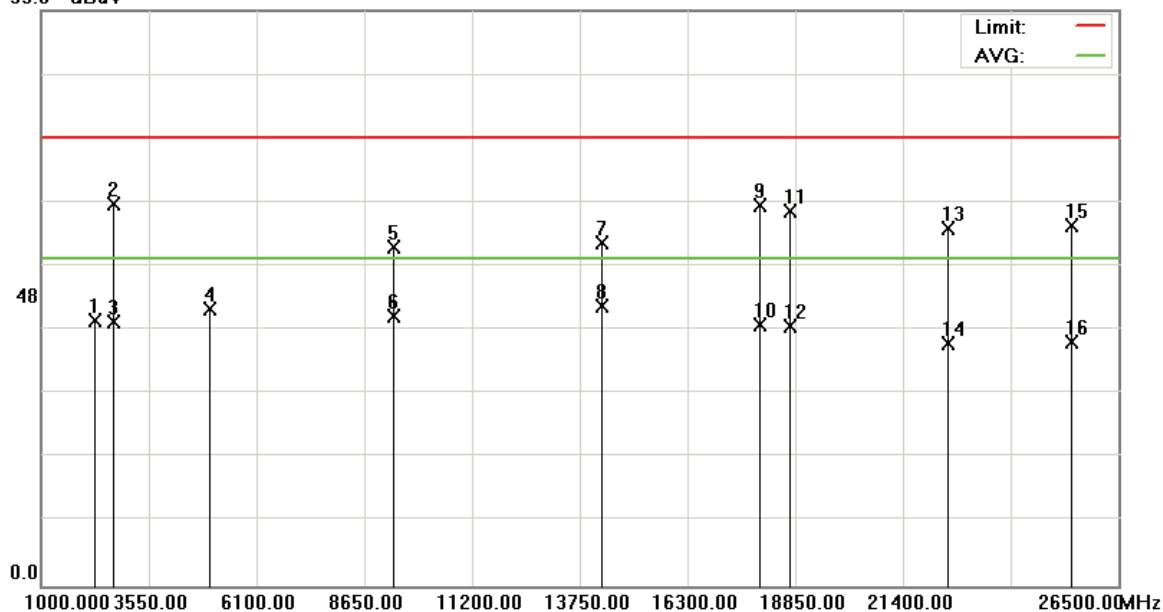
File :CLIC100(CH2480)

Data :#17

Date: 2009/6/9

Time: 下午 11:20:13

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2275.000	43.34	0.44	43.78	74.00	-30.22	peak		
2		2700.000	40.54	22.58	63.12	74.00	-10.88	peak		
3		2700.000	21.04	22.58	43.62	54.00	-10.38	AVG		
4		4960.000	37.99	7.80	45.79	74.00	-28.21	peak		
5		9324.750	38.91	16.91	55.82	74.00	-18.18	peak		
6		9324.750	27.60	16.91	44.51	54.00	-9.49	AVG		
7		14260.00	38.00	18.66	56.66	74.00	-17.34	peak		
8	*	14260.00	27.43	18.66	46.09	54.00	-7.91	AVG		
9		18000.00	37.22	25.57	62.79	74.00	-11.21	peak		
10		18000.00	17.50	25.57	43.07	54.00	-10.93	AVG		
11		18701.25	38.86	23.11	61.97	74.00	-12.03	peak		
12		18701.25	19.85	23.11	42.96	54.00	-11.04	AVG		

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH78(2480MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		22462.50	38.19	20.91	59.10	74.00	-14.90	peak		
14		22462.50	19.16	20.91	40.07	54.00	-13.93	AVG		
15		25373.75	40.44	19.05	59.49	74.00	-14.51	peak		
16		25373.75	21.25	19.05	40.30	54.00	-13.70	AVG		

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

●Reference Only



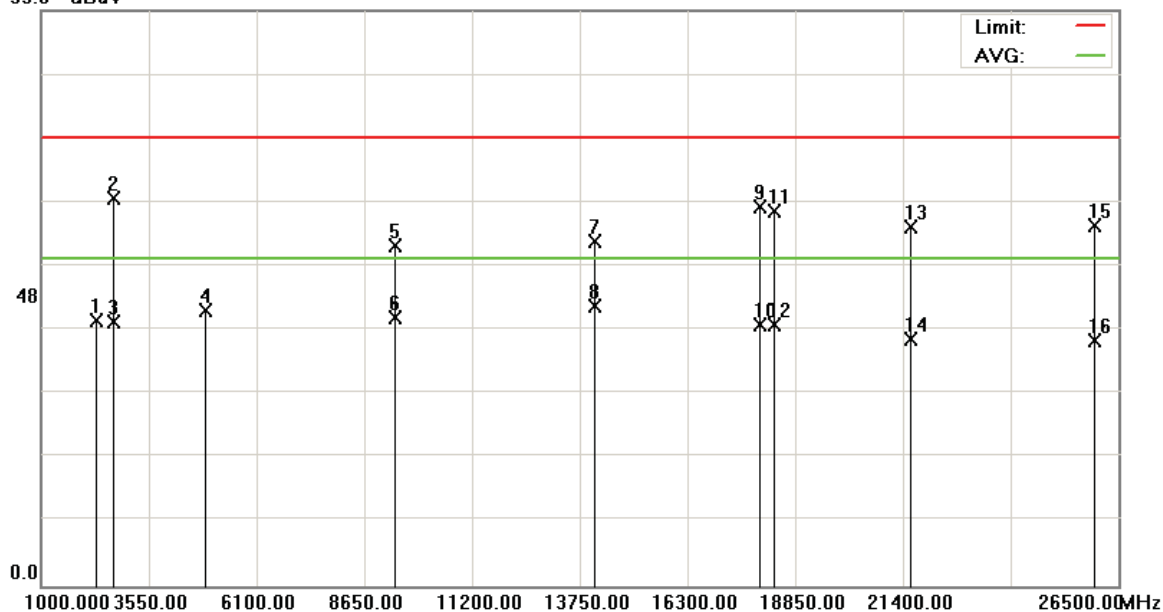
File :CLIC100(CH2480)

Data :#18

Date: 2009/6/9

Time: 下午 11:28:30

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		2297.100	43.33	0.51	43.84	74.00	-30.16	peak		
2		2700.000	41.34	22.58	63.92	74.00	-10.08	peak		
3		2700.000	21.03	22.58	43.61	54.00	-10.39	AVG		
4		4882.000	37.81	7.74	45.55	74.00	-28.45	peak		
5		9361.250	39.10	16.98	56.08	74.00	-17.92	peak		
6		9361.250	27.39	16.98	44.37	54.00	-9.63	AVG		
7		14100.00	37.98	18.90	56.88	74.00	-17.12	peak		
8	*	14100.00	27.31	18.90	46.21	54.00	-7.79	AVG		
9		18000.00	37.01	25.57	62.58	74.00	-11.42	peak		
10		18000.00	17.46	25.57	43.03	54.00	-10.97	AVG		
11		18318.75	38.62	23.19	61.81	74.00	-12.19	peak		
12		18318.75	19.92	23.19	43.11	54.00	-10.89	AVG		

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT2.0		
Note: CH78(2480MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21570.00	38.05	21.31	59.36	74.00	-14.64	peak		
14		21570.00	19.46	21.31	40.77	54.00	-13.23	AVG		
15		25926.25	40.95	18.62	59.57	74.00	-14.43	peak		
16		25926.25	21.81	18.62	40.43	54.00	-13.57	AVG		

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

●Reference Only



3.5.2 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 : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Link Mode _ Bluetooth EDR Low CH / Middle CH / Light CH
Test Date : 06/09 ~06/10/2009

Please refer to next pager of detail testing data.

Notes:

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



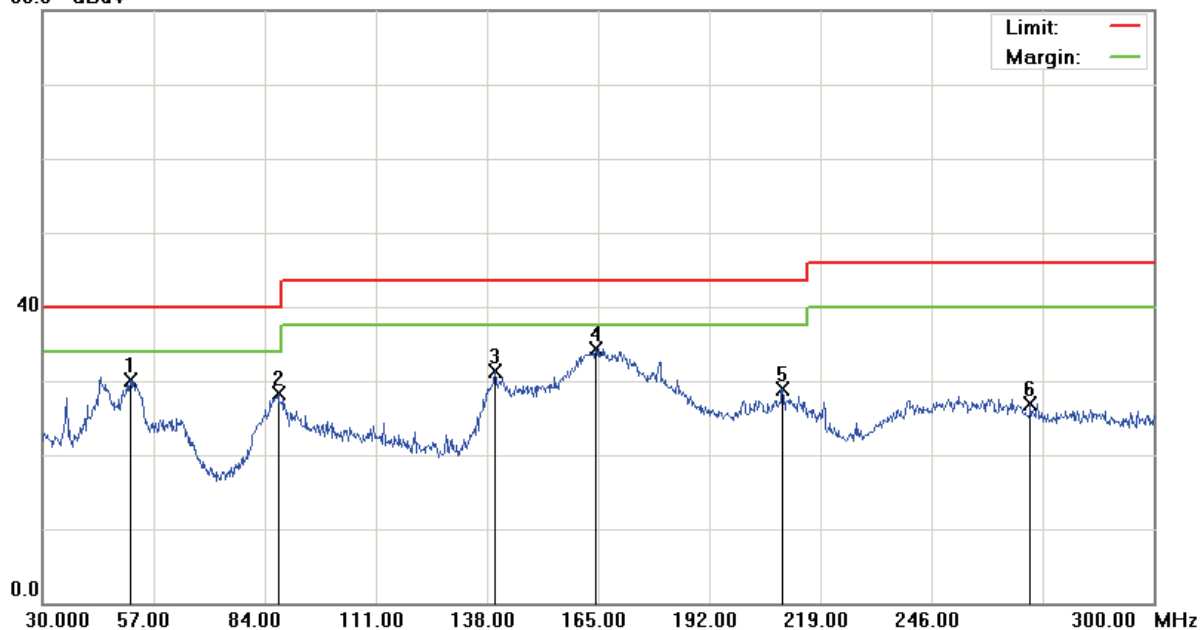
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Data :#1

Date: 2009/6/10

Time: 上午 12:56:28

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		51.3300	42.23	-12.17	30.06	40.00	-9.94	peak		
2		87.2400	42.34	-14.04	28.30	40.00	-11.70	peak		
3		139.8900	47.64	-16.34	31.30	43.50	-12.20	peak		
4	*	164.4600	49.59	-15.32	34.27	43.50	-9.23	peak		
5		209.8200	41.76	-12.78	28.98	43.50	-14.52	peak		
6		270.0300	37.85	-10.93	26.92	46.00	-19.08	peak		

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



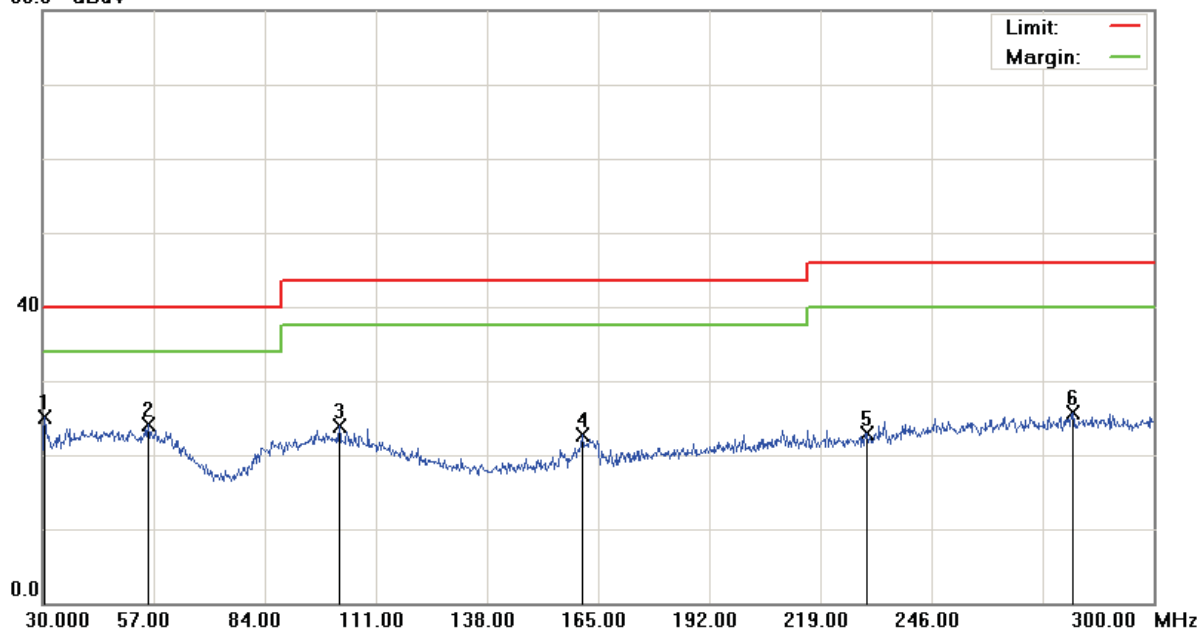
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Data :#3

Date: 2009/6/10

Time: 上午 01:04:55

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	30.5400	38.45	-13.31	25.14	40.00	-14.86	peak			
2		55.6500	36.30	-12.25	24.05	40.00	-15.95	peak			
3		102.0900	35.83	-11.90	23.93	43.50	-19.57	peak			
4		161.2200	38.22	-15.44	22.78	43.50	-20.72	peak			
5		230.3400	34.77	-11.86	22.91	46.00	-23.09	peak			
6		280.2900	36.17	-10.40	25.77	46.00	-20.23	peak			

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



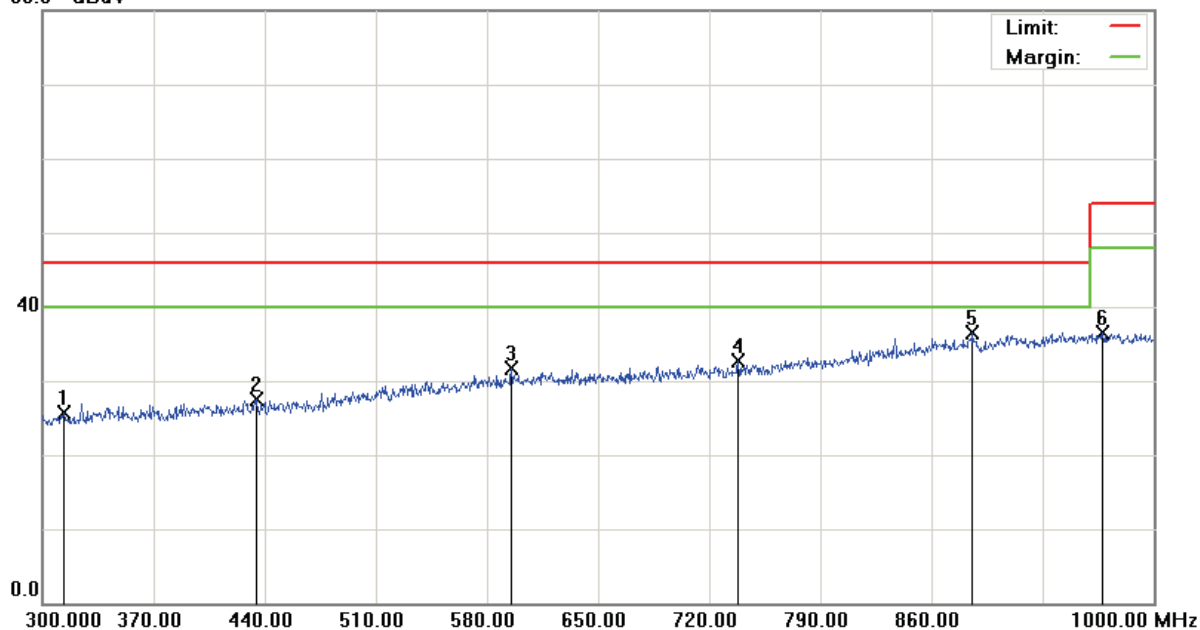
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Data :#2

Date: 2009/6/10

Time: 上午 01:00:42

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		313.3000	35.55	-9.78	25.77	46.00	-20.23	peak			
2		434.4000	35.54	-8.00	27.54	46.00	-18.46	peak			
3		595.4000	36.66	-4.87	31.79	46.00	-14.21	peak			
4		738.2000	36.08	-3.28	32.80	46.00	-13.20	peak			
5	*	885.9000	36.69	-0.25	36.44	46.00	-9.56	peak			
6		967.8000	35.79	0.71	36.50	54.00	-17.50	peak			

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



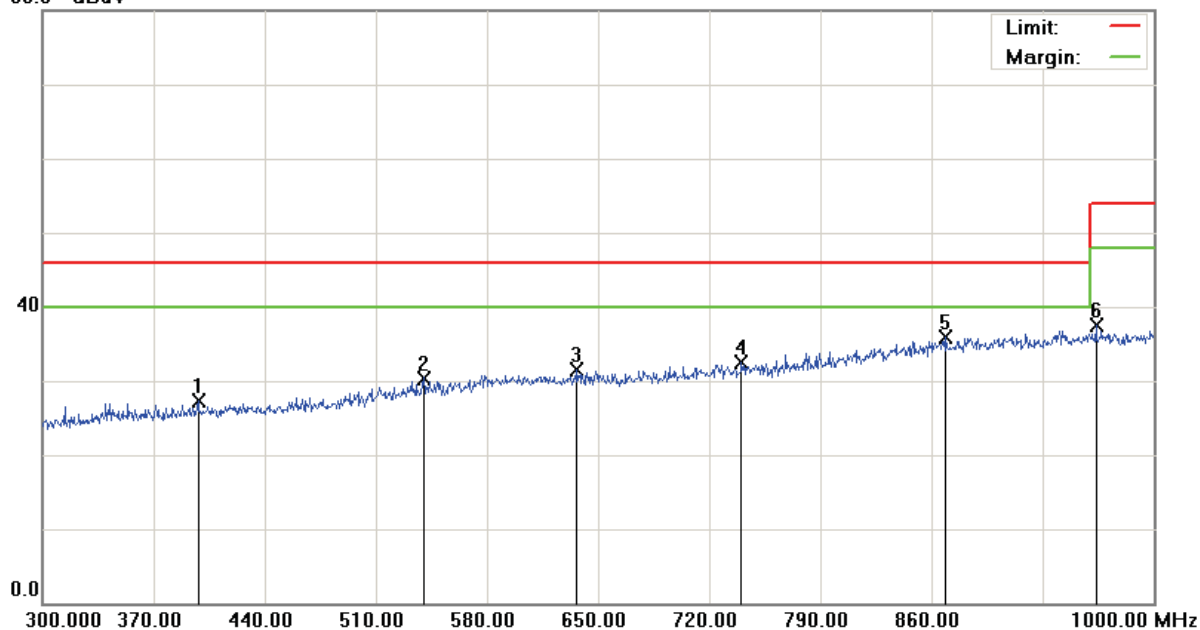
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Data :#4

Date: 2009/6/10

Time: 上午 01:09:08

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		398.0000	35.75	-8.39	27.36	46.00	-18.64	peak		
2		540.1000	36.43	-6.03	30.40	46.00	-15.60	peak		
3		636.7000	35.87	-4.40	31.47	46.00	-14.53	peak		
4		740.3000	35.68	-3.27	32.41	46.00	-13.59	peak		
5	*	869.1000	36.75	-0.82	35.93	46.00	-10.07	peak		
6		963.6000	36.99	0.61	37.60	54.00	-16.40	peak		

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



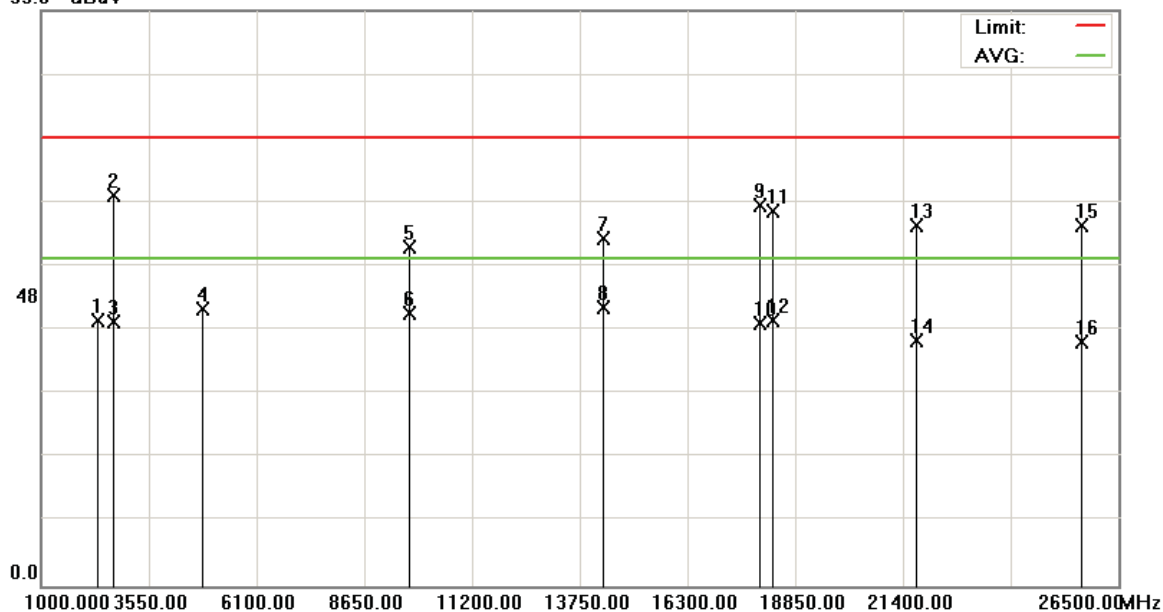
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Data :#17

Date: 2009/6/9

Time: 下午 11:12:26

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2302.200	43.36	0.52	43.88	74.00	-30.12	peak			
2		2700.000	41.85	22.58	64.43	74.00	-9.57	peak			
3		2700.000	20.99	22.58	43.57	54.00	-10.43	AVG			
4		4804.000	38.37	7.32	45.69	74.00	-28.31	peak			
5		9708.000	38.46	17.49	55.95	74.00	-18.05	peak			
6		9708.000	27.42	17.49	44.91	54.00	-9.09	AVG			
7		14300.00	38.82	18.61	57.43	74.00	-16.57	peak			
8	*	14300.00	27.40	18.61	46.01	54.00	-7.99	AVG			
9		18000.00	37.26	25.57	62.83	74.00	-11.17	peak			
10		18000.00	17.70	25.57	43.27	54.00	-10.73	AVG			
11		18297.50	38.57	23.20	61.77	74.00	-12.23	peak			
12		18297.50	20.66	23.20	43.86	54.00	-10.14	AVG			

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH00(2402MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21718.75	38.26	21.23	59.49	74.00	-14.51	peak		
14		21718.75	19.29	21.23	40.52	54.00	-13.48	AVG		
15		25628.75	40.49	18.89	59.38	74.00	-14.62	peak		
16		25628.75	21.46	18.89	40.35	54.00	-13.65	AVG		

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

●Reference Only



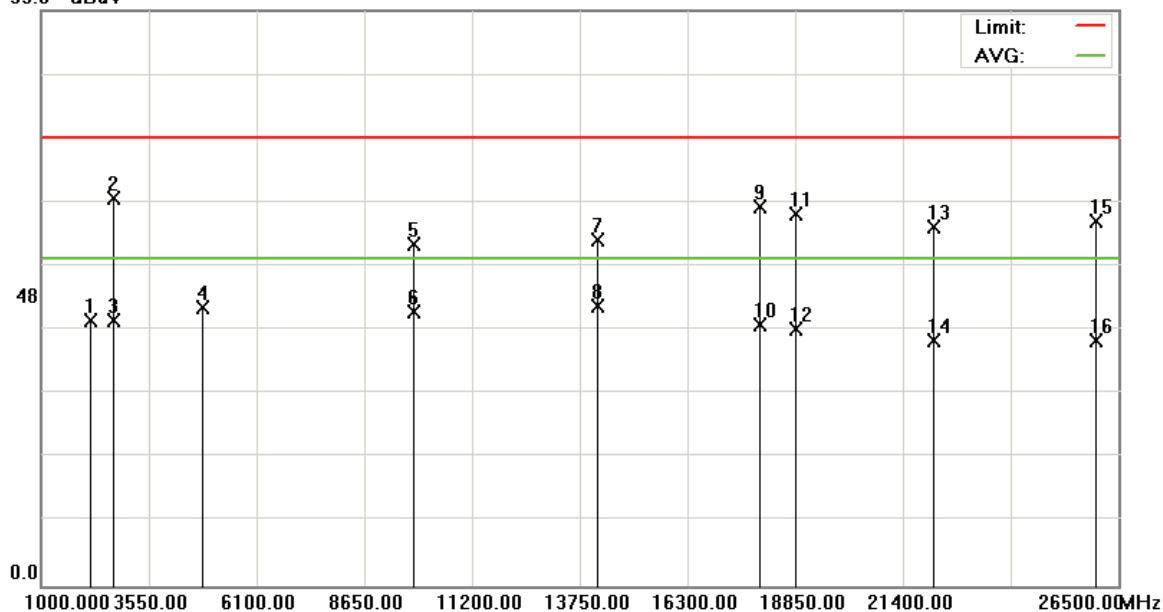
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Data :#18

Date: 2009/6/9

Time: 下午 11:35:16

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH00(2402MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2167.900	43.72	0.12	43.84	74.00	-30.16	peak			
2		2700.000	41.50	22.58	64.08	74.00	-9.92	peak			
3		2700.000	21.26	22.58	43.84	54.00	-10.16	AVG			
4		4804.000	38.74	7.32	46.06	74.00	-27.94	peak			
5		9817.500	38.62	17.75	56.37	74.00	-17.63	peak			
6		9817.500	27.51	17.75	45.26	54.00	-8.74	AVG			
7		14140.00	38.36	18.84	57.20	74.00	-16.80	peak			
8	*	14140.00	27.24	18.84	46.08	54.00	-7.92	AVG			
9		18000.00	36.99	25.57	62.56	74.00	-11.44	peak			
10		18000.00	17.48	25.57	43.05	54.00	-10.95	AVG			
11		18828.75	38.32	23.15	61.47	74.00	-12.53	peak			
12		18828.75	19.17	23.15	42.32	54.00	-11.68	AVG			

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH00(2402MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		22101.25	38.13	21.06	59.19	74.00	-14.81	peak		
14		22101.25	19.38	21.06	40.44	54.00	-13.56	AVG		
15		25947.50	41.49	18.60	60.09	74.00	-13.91	peak		
16		25947.50	21.91	18.60	40.51	54.00	-13.49	AVG		

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

●Reference Only



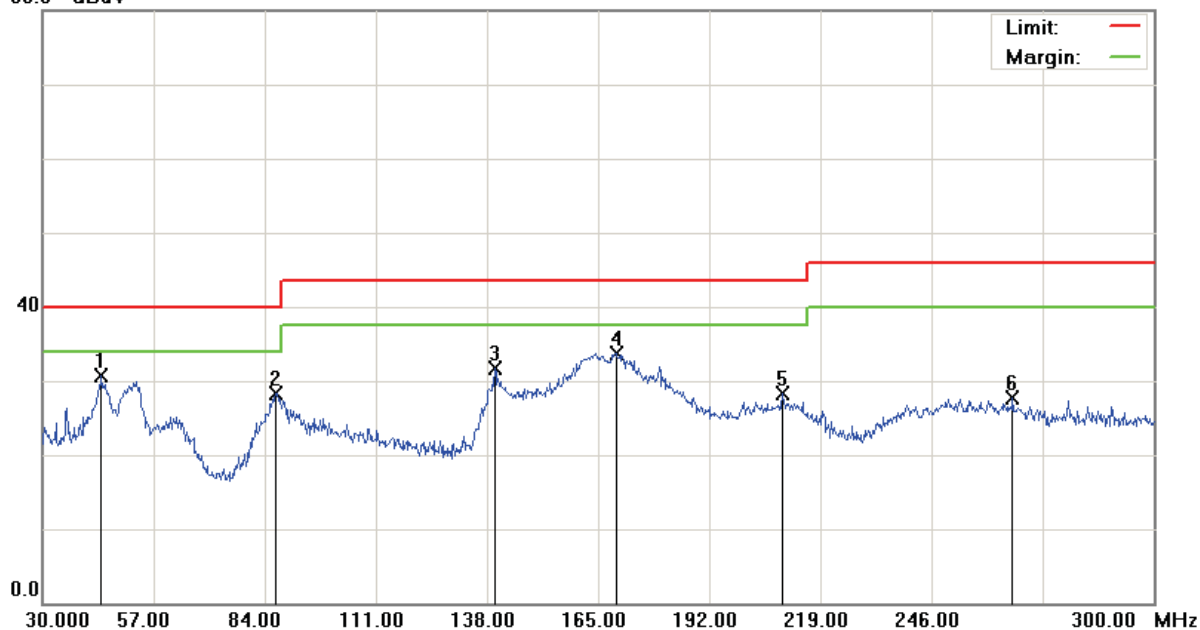
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Data :#5

Date: 2009/6/10

Time: 上午 01:19:46

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	44.3100	42.60	-11.84	30.76	40.00	-9.24	peak		
2		86.7000	42.55	-14.20	28.35	40.00	-11.65	peak		
3		139.8900	48.13	-16.34	31.79	43.50	-11.71	peak		
4		169.3200	49.11	-15.40	33.71	43.50	-9.79	peak		
5		209.8200	41.15	-12.78	28.37	43.50	-15.13	peak		
6		265.7100	38.66	-11.02	27.64	46.00	-18.36	peak		

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



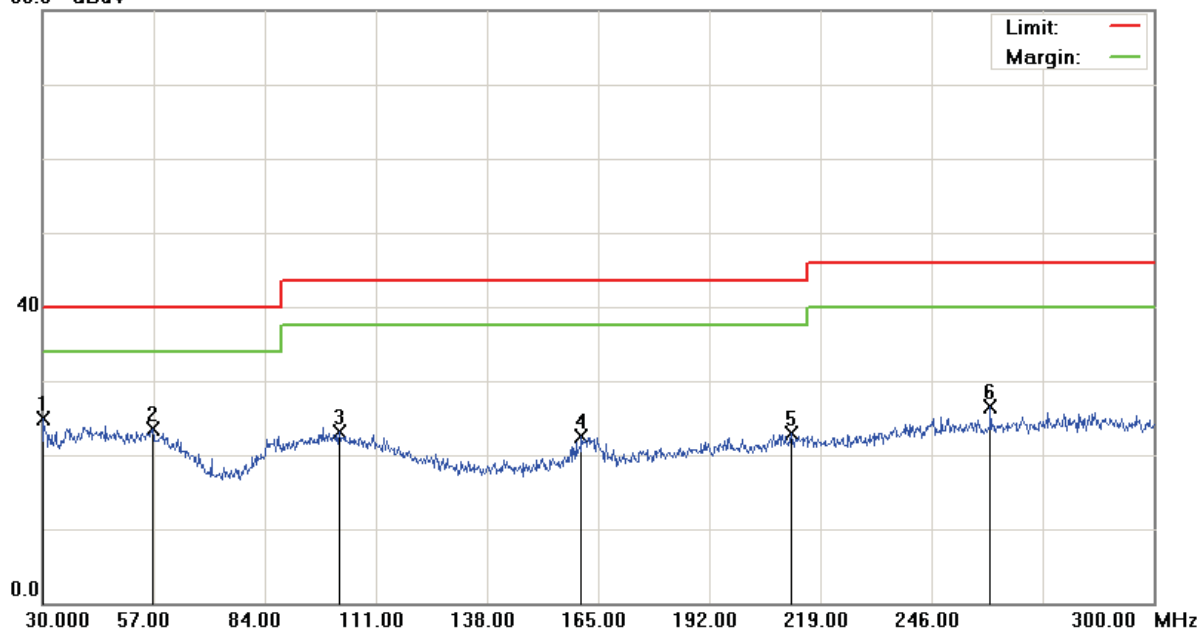
File :CLIC100(BT+EDR)

Data :#7

Date: 2009/6/10

Time: 上午 01:28:12

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	30.2700	38.23	-13.32	24.91	40.00	-15.09	peak		
2		56.7300	35.80	-12.32	23.48	40.00	-16.52	peak		
3		102.0900	34.91	-11.90	23.01	43.50	-20.49	peak		
4		160.9500	37.87	-15.45	22.42	43.50	-21.08	peak		
5		211.9800	35.56	-12.75	22.81	43.50	-20.69	peak		
6		260.3100	37.68	-11.23	26.45	46.00	-19.55	peak		

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



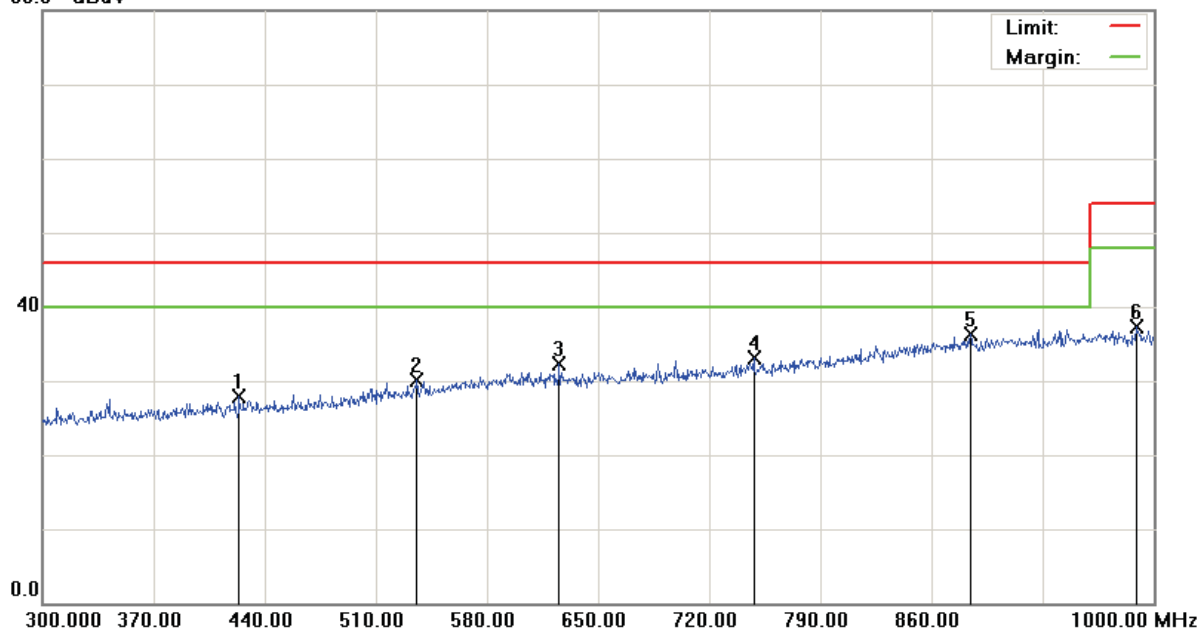
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Data :#6

Date: 2009/6/10

Time: 上午 01:23:59

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		423.9000	35.99	-8.08	27.91	46.00	-18.09	peak		
2		535.9000	36.53	-6.36	30.17	46.00	-15.83	peak		
3		625.5000	36.85	-4.62	32.23	46.00	-13.77	peak		
4		748.0000	36.20	-3.11	33.09	46.00	-12.91	peak		
5	*	884.5000	36.39	-0.17	36.22	46.00	-9.78	peak		
6		988.8000	36.54	0.84	37.38	54.00	-16.62	peak		

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



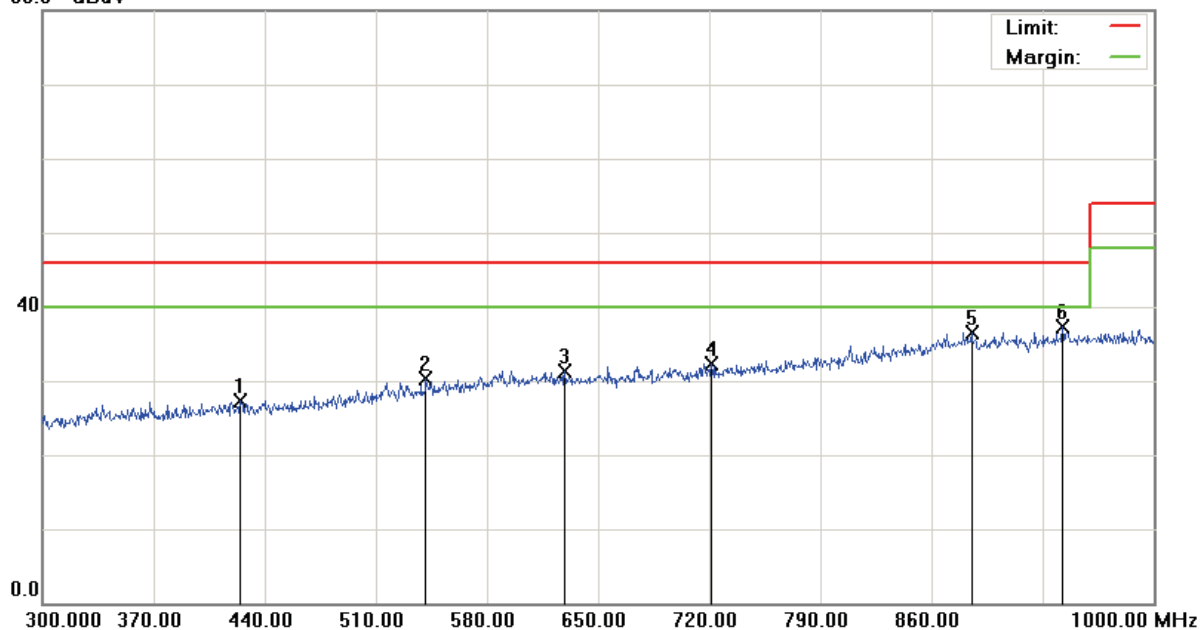
File :CLIC100(BT+EDR)

Data :#8

Date: 2009/6/10

Time: 上午 01:32:26

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		424.6000	35.33	-8.08	27.25	46.00	-18.75	peak			
2		541.5000	36.26	-6.04	30.22	46.00	-15.78	peak			
3		629.0000	35.75	-4.42	31.33	46.00	-14.67	peak			
4		721.4000	35.90	-3.54	32.36	46.00	-13.64	peak			
5		885.2000	36.62	-0.14	36.48	46.00	-9.52	peak			
6	*	942.6000	37.07	0.27	37.34	46.00	-8.66	peak			

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



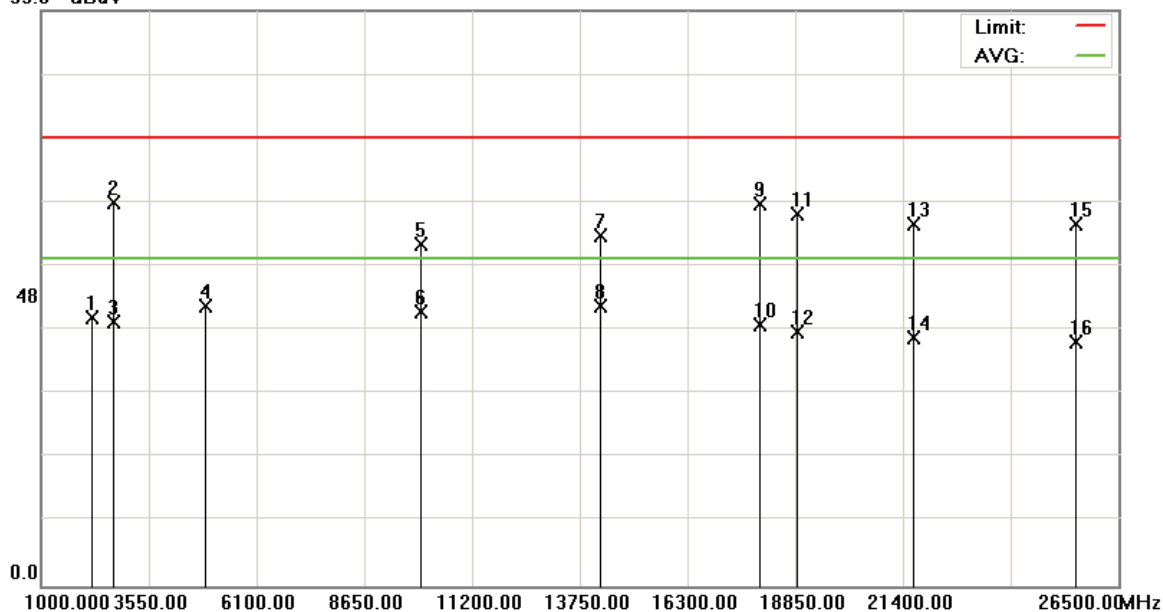
File :CLIC100(CH2441)

Data :#17

Date: 2009/6/9

Time: 下午 11:15:18

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2176.400	44.06	0.21	44.27	74.00	-29.73			peak
2		2700.000	40.76	22.58	63.34	74.00	-10.66			peak
3		2700.000	20.97	22.58	43.55	54.00	-10.45			AVG
4		4882.000	38.56	7.74	46.30	74.00	-27.70			peak
5		10000.00	38.52	17.94	56.46	74.00	-17.54			peak
6		10000.00	27.19	17.94	45.13	54.00	-8.87			AVG
7		14220.00	39.06	18.78	57.84	74.00	-16.16			peak
8	*	14220.00	27.37	18.78	46.15	54.00	-7.85			AVG
9		18000.00	37.38	25.57	62.95	74.00	-11.05			peak
10		18000.00	17.50	25.57	43.07	54.00	-10.93			AVG
11		18892.50	38.28	23.15	61.43	74.00	-12.57			peak
12		18892.50	18.88	23.15	42.03	54.00	-11.97			AVG

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH39(2441MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21633.75	38.41	21.28	59.69	74.00	-14.31	peak		
14		21633.75	19.67	21.28	40.95	54.00	-13.05	AVG		
15		25501.25	40.72	18.98	59.70	74.00	-14.30	peak		
16		25501.25	21.27	18.98	40.25	54.00	-13.75	AVG		

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

●Reference Only



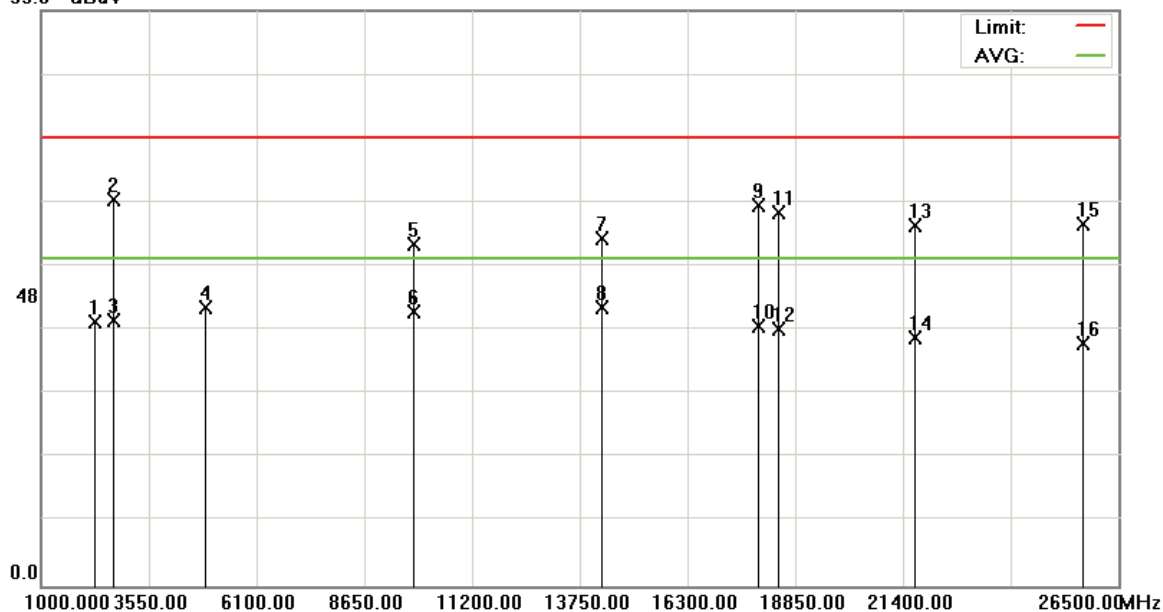
File :CLIC100(CH2441)

Data :#18

Date: 2009/6/9

Time: 下午 11:33:02

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH39(2441MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2261.400	43.06	0.45	43.51	74.00	-30.49	peak		
2		2700.000	41.19	22.58	63.77	74.00	-10.23	peak		
3		2700.000	21.24	22.58	43.82	54.00	-10.18	AVG		
4		4882.000	38.15	7.74	45.89	74.00	-28.11	peak		
5		9799.250	38.68	17.67	56.35	74.00	-17.65	peak		
6		9799.250	27.49	17.67	45.16	54.00	-8.84	AVG		
7		14260.00	38.66	18.66	57.32	74.00	-16.68	peak		
8	*	14260.00	27.39	18.66	46.05	54.00	-7.95	AVG		
9		17980.00	37.58	25.21	62.79	74.00	-11.21	peak		
10		17980.00	17.68	25.21	42.89	54.00	-11.11	AVG		
11		18446.25	38.53	23.13	61.66	74.00	-12.34	peak		
12		18446.25	19.37	23.13	42.50	54.00	-11.50	AVG		

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH39(2441MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21676.25	38.36	21.25	59.61	74.00	-14.39	peak		
14		21676.25	19.72	21.25	40.97	54.00	-13.03	AVG		
15		25650.00	40.80	18.87	59.67	74.00	-14.33	peak		
16		25650.00	21.21	18.87	40.08	54.00	-13.92	AVG		

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

●Reference Only



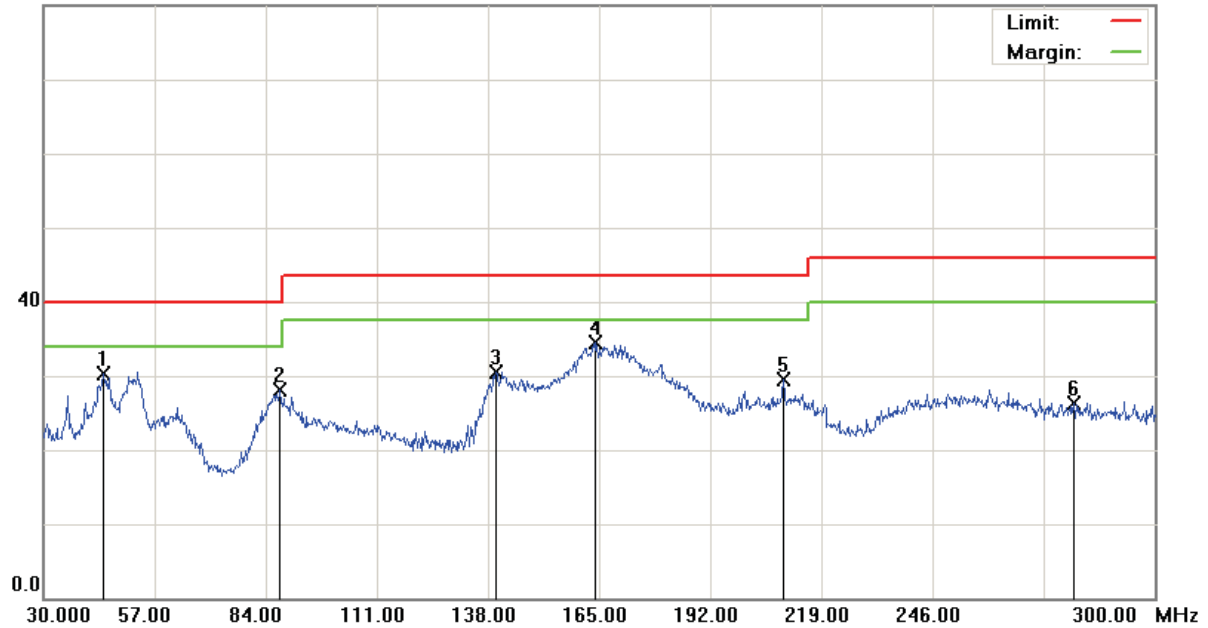
File :CLIC100(BT+EDR)

Data :#9

Date: 2009/6/10

Time: 上午 01:37:38

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		44.5800	42.21	-11.84	30.37	40.00	-9.63	peak		
2		87.5100	42.11	-13.95	28.16	40.00	-11.84	peak		
3		139.8900	46.88	-16.34	30.54	43.50	-12.96	peak		
4	*	164.1900	49.92	-15.33	34.59	43.50	-8.91	peak		
5		209.8200	42.31	-12.78	29.53	43.50	-13.97	peak		
6		280.2900	36.63	-10.40	26.23	46.00	-19.77	peak		

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



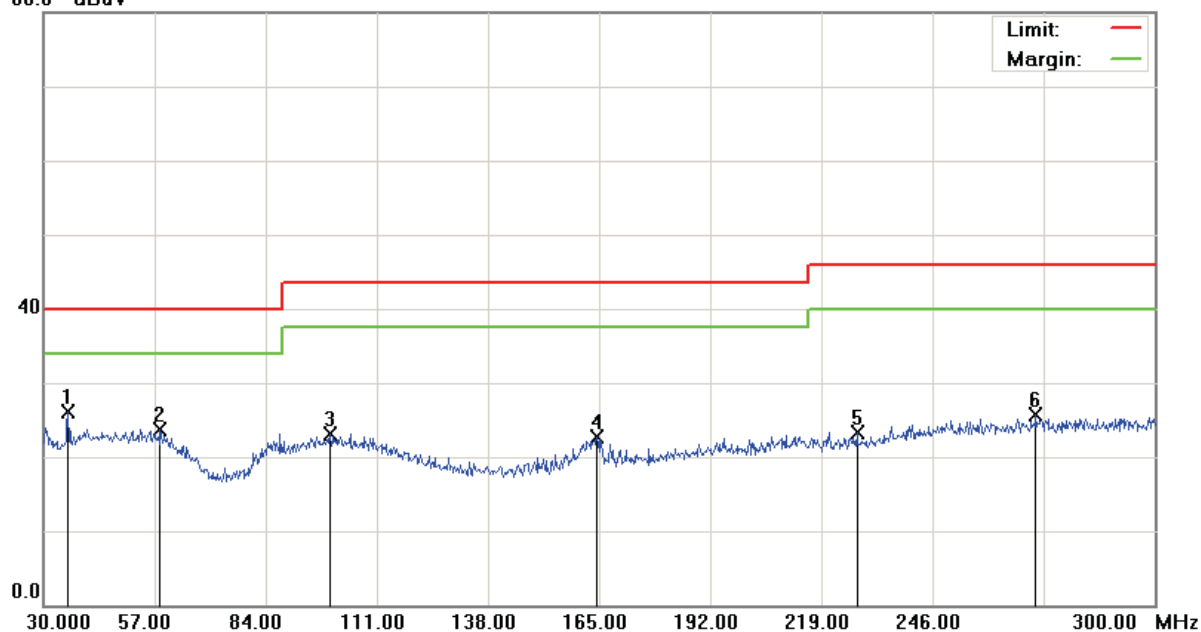
File :CLIC100(BT+EDR)

Data :#11

Date: 2009/6/10

Time: 上午 01:46:04

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	35.9400	39.05	-12.95	26.10	40.00	-13.90	peak			
2		58.3500	36.16	-12.43	23.73	40.00	-16.27	peak			
3		99.6600	34.92	-11.78	23.14	43.50	-20.36	peak			
4		164.4600	37.97	-15.32	22.65	43.50	-20.85	peak			
5		227.6400	35.39	-12.00	23.39	46.00	-22.61	peak			
6		271.1100	36.66	-10.90	25.76	46.00	-20.24	peak			

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



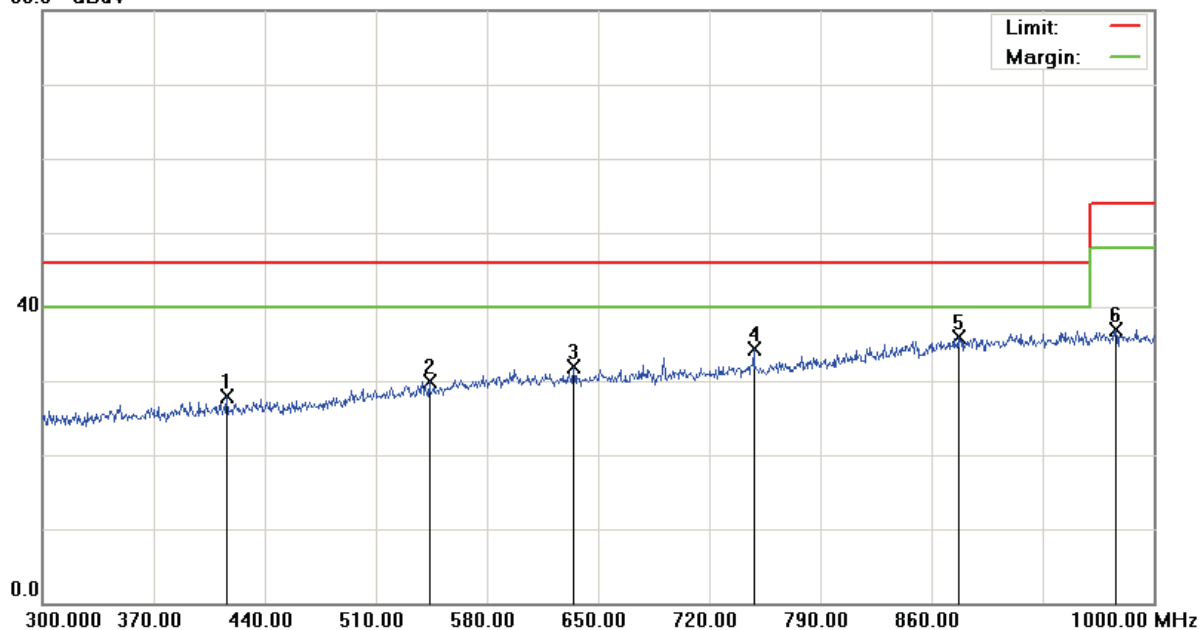
File :CLIC100(BT+EDR)

Data :#10

Date: 2009/6/10

Time: 上午 01:41:51

80.0 dBuV



Site: site #1

Polarization: *Vertical*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		416.2000	36.15	-8.19	27.96	46.00	-18.04	peak		
2		543.6000	36.02	-6.05	29.97	46.00	-16.03	peak		
3		634.6000	36.19	-4.37	31.82	46.00	-14.18	peak		
4		748.0000	37.32	-3.11	34.21	46.00	-11.79	peak		
5	*	876.8000	36.67	-0.77	35.90	46.00	-10.10	peak		
6		976.2000	36.31	0.60	36.91	54.00	-17.09	peak		

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



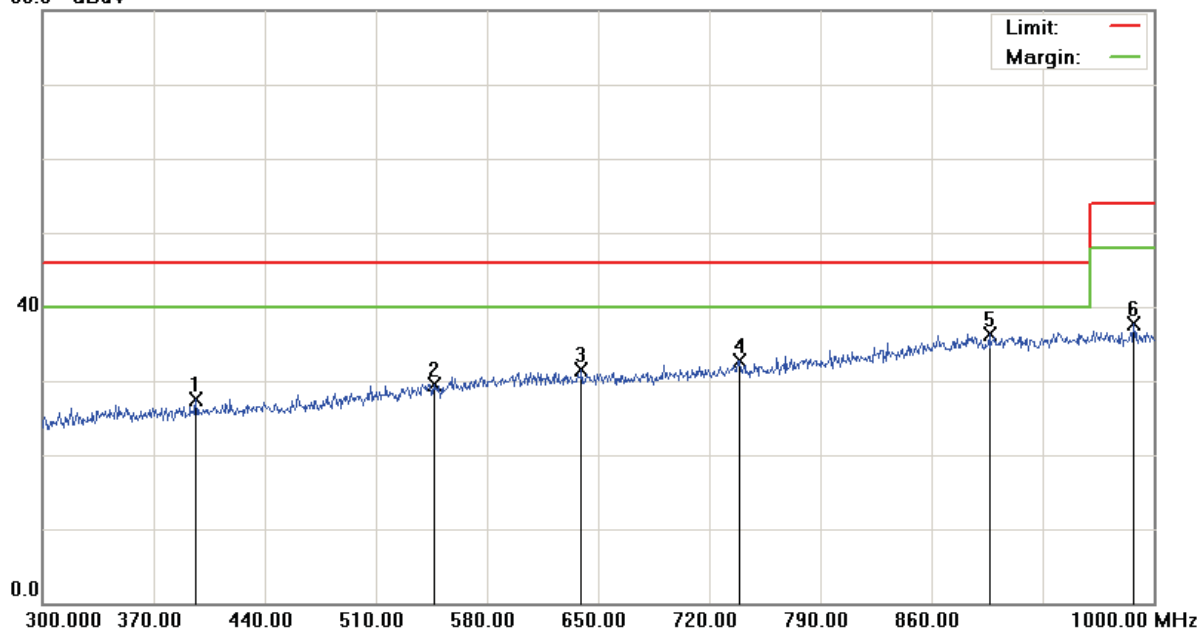
File :CLIC100(BT+EDR)

Data :#12

Date: 2009/6/10

Time: 上午 01:50:19

80.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC Class B 3M Radiation

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		396.6000	35.84	-8.43	27.41	46.00	-18.59	peak			
2		546.4000	35.63	-6.04	29.59	46.00	-16.41	peak			
3		639.5000	36.04	-4.45	31.59	46.00	-14.41	peak			
4		738.9000	35.96	-3.28	32.68	46.00	-13.32	peak			
5	*	896.4000	36.72	-0.47	36.25	46.00	-9.75	peak			
6		987.4000	36.95	0.73	37.68	54.00	-16.32	peak			

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



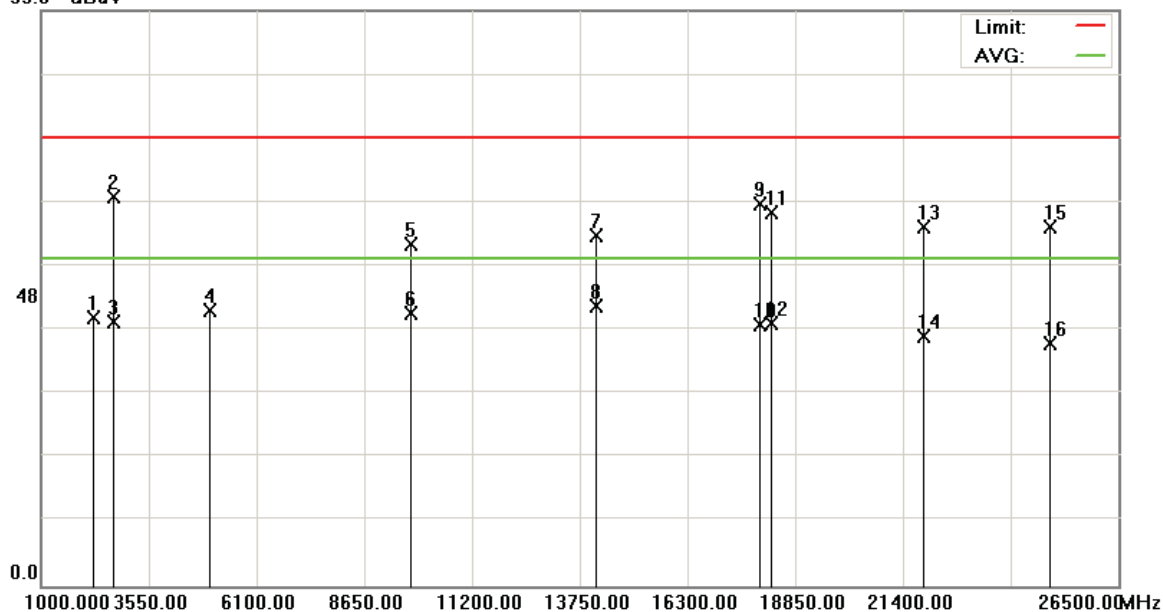
File :CLIC100(CH2480)

Data :#17

Date: 2009/6/9

Time: 下午 11:22:42

95.0 dBuV



Site

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1		2203.600	43.70	0.49	44.19	74.00	-29.81	peak		
2		2700.000	41.69	22.58	64.27	74.00	-9.73	peak		
3		2700.000	21.01	22.58	43.59	54.00	-10.41	AVG		
4		4960.000	37.75	7.80	45.55	74.00	-28.45	peak		
5		9744.500	38.69	17.69	56.38	74.00	-17.62	peak		
6		9744.500	27.37	17.69	45.06	54.00	-8.94	AVG		
7		14120.00	38.89	18.87	57.76	74.00	-16.24	peak		
8	*	14120.00	27.31	18.87	46.18	54.00	-7.82	AVG		
9		18000.00	37.52	25.57	63.09	74.00	-10.91	peak		
10		18000.00	17.44	25.57	43.01	54.00	-10.99	AVG		
11		18276.25	38.50	23.21	61.71	74.00	-12.29	peak		
12		18276.25	20.20	23.21	43.41	54.00	-10.59	AVG		

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

●Reference Only



Site	Polarization: Vertical	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH78(2480MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		21867.50	38.09	21.19	59.28	74.00	-14.72	peak		
14		21867.50	19.93	21.19	41.12	54.00	-12.88	AVG		
15		24863.75	39.71	19.50	59.21	74.00	-14.79	peak		
16		24863.75	20.63	19.50	40.13	54.00	-13.87	AVG		

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

●Reference Only



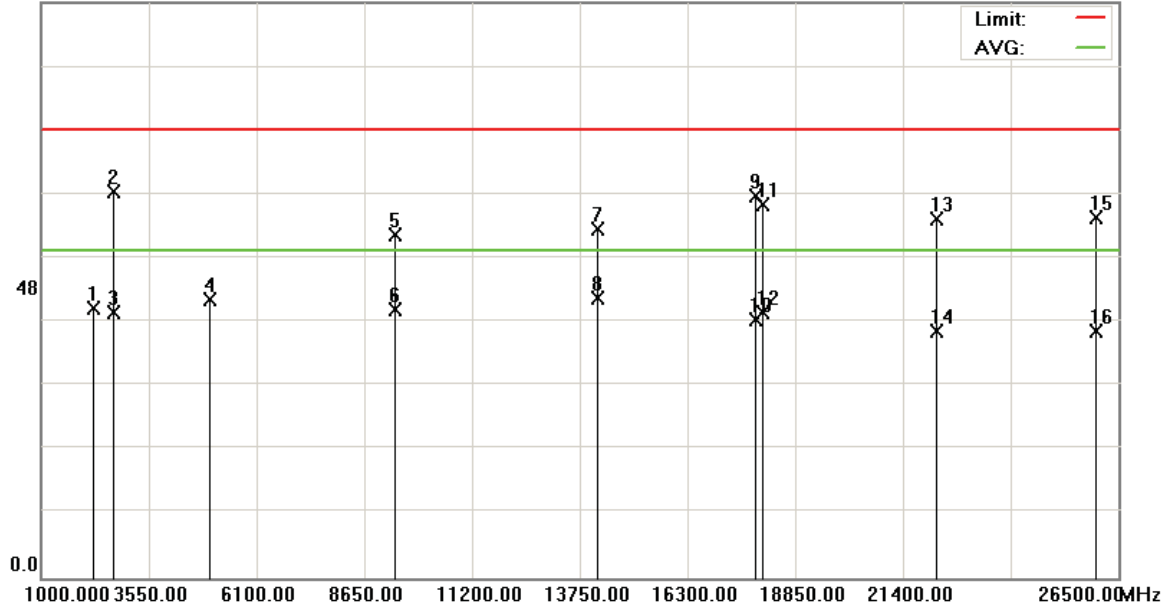
File :CLIC100(CH2480)

Data :#18

Date: 2009/6/9

Time: 下午 11:26:05

95.0 dBuV



Site

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance:

M/N: 09-0141-SE

Mode: BT+EDR2.0

Note: CH78(2480MHz)

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1		2215.500	44.22	0.37	44.59	74.00	-29.41	peak		
2		2700.000	41.09	22.58	63.67	74.00	-10.33	peak		
3		2700.000	21.19	22.58	43.77	54.00	-10.23	AVG		
4		4960.000	38.12	7.80	45.92	74.00	-28.08	peak		
5		9361.250	39.59	16.98	56.57	74.00	-17.43	peak		
6		9361.250	27.35	16.98	44.33	54.00	-9.67	AVG		
7		14160.00	38.82	18.83	57.65	74.00	-16.35	peak		
8	*	14160.00	27.33	18.83	46.16	54.00	-7.84	AVG		
9		17900.00	38.18	24.96	63.14	74.00	-10.86	peak		
10		17900.00	17.61	24.96	42.57	54.00	-11.43	AVG		
11		18085.00	38.35	23.25	61.60	74.00	-12.40	peak		
12		18085.00	20.51	23.25	43.76	54.00	-10.24	AVG		

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

●Reference Only



Site	Polarization: Horizontal	Temperature: 22 °C
Limit: FCC part 15 (PK)	Power:	Humidity: 60 %
EUT:	Distance:	
M/N: 09-0141-SE		
Mode: BT+EDR2.0		
Note: CH78(2480MHz)		

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	cm	degree
13		22186.25	38.30	21.03	59.33	74.00	-14.67	peak		
14		22186.25	19.76	21.03	40.79	54.00	-13.21	AVG		
15		25947.50	40.86	18.60	59.46	74.00	-14.54	peak		
16		25947.50	22.04	18.60	40.64	54.00	-13.36	AVG		

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

●Reference Only

4. Maximum Conducted Output Power Requirements

4.1 Test Condition & Setup:

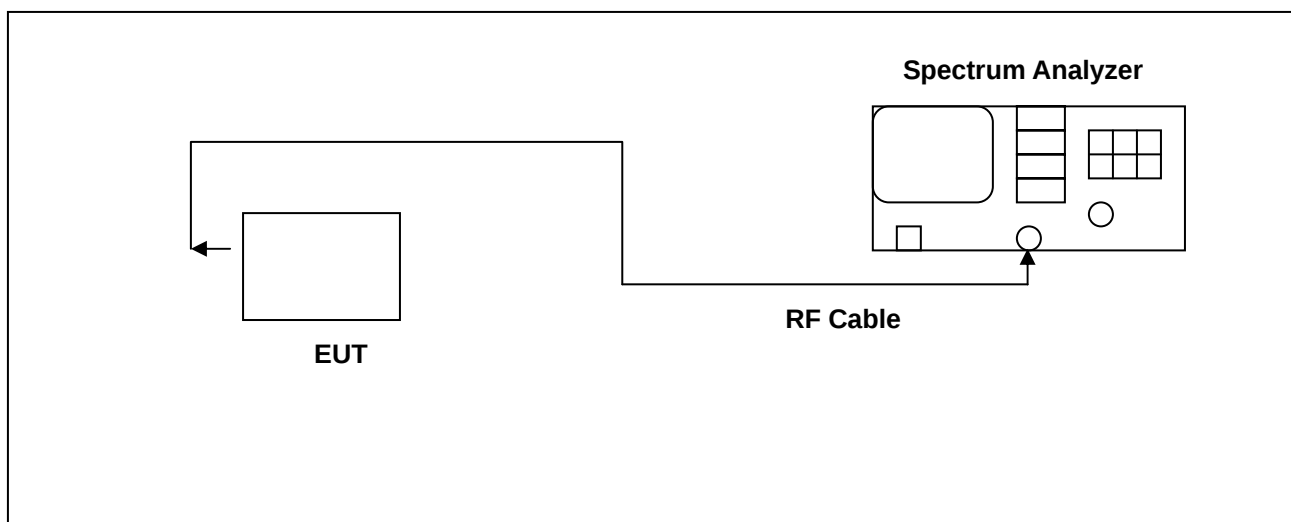
The tests below are run with the EUT's transmitter set at high power in TX mode. The EUT is needed to force selection of output power level and channel number. While testing, EUT was set to transmit continuously. Remove the Subjective device's antenna and connect the RF output port to spectrum analyzer. 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 $(\text{GAIN} - 6)/3$ 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	MY46181986	May 15, 2009	May 15, 2010

4.4 Test Result

Bluetooth 2.0

Frequency (MHz)	Output (dBm)	Required Limit
2402	-4.194	<30dBm
2441	-1.824	<30dBm
2480	-1.871	<30dBm

Bluetooth EDR

Frequency (MHz)	Output (dBm)	Required Limit
2402	-4.438	<30dBm
2441	-2.122	<30dBm
2480	-3.034	<30dBm

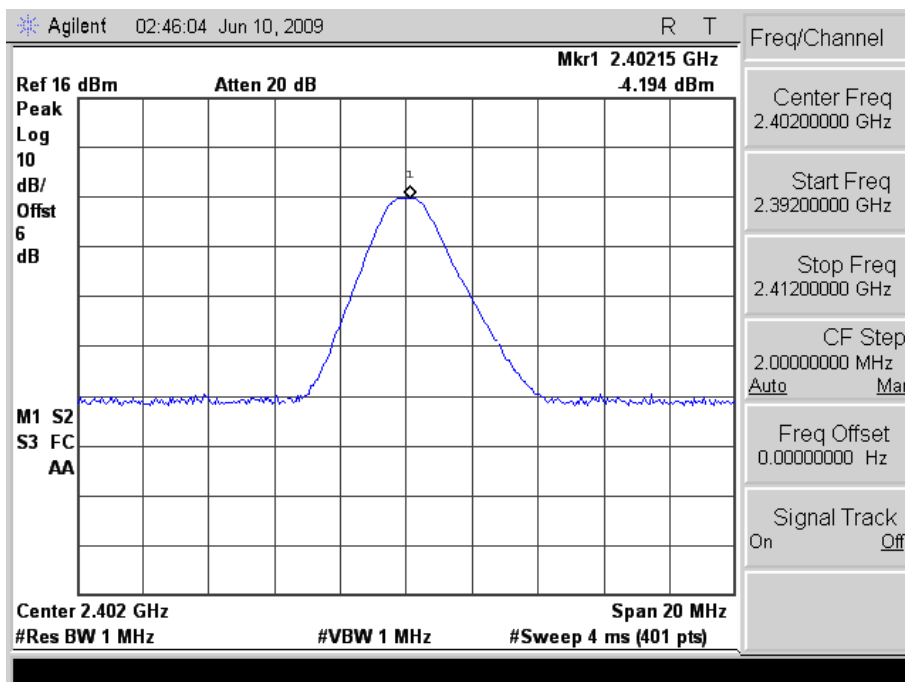
Note: Test Graphs See next page.



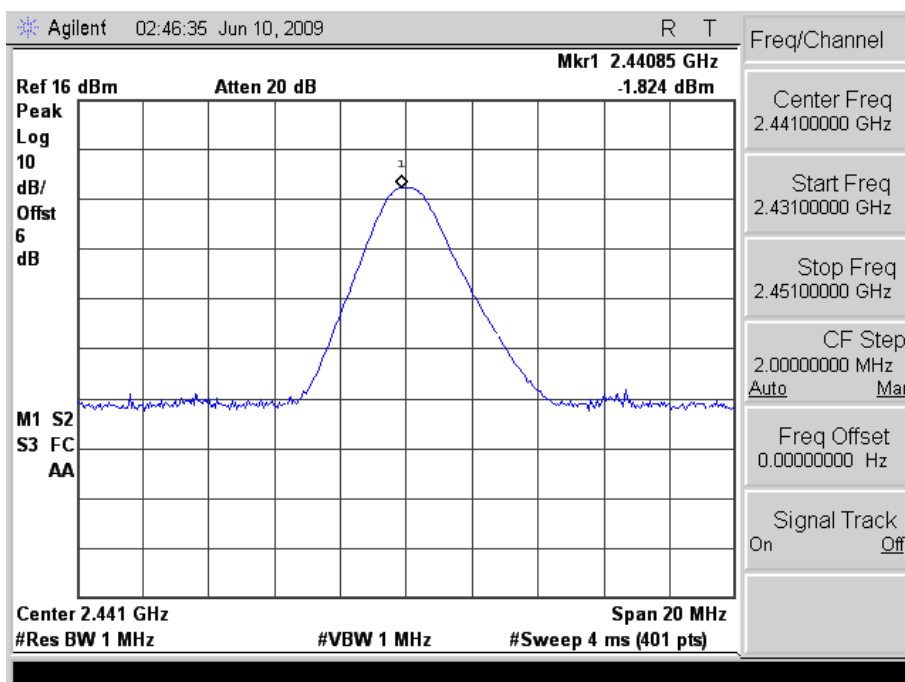
4.5 Test Graphs

4.5.1 Bluetooth 2.0 Mode:

Bluetooth 2.0 CH00 (2402MHz)

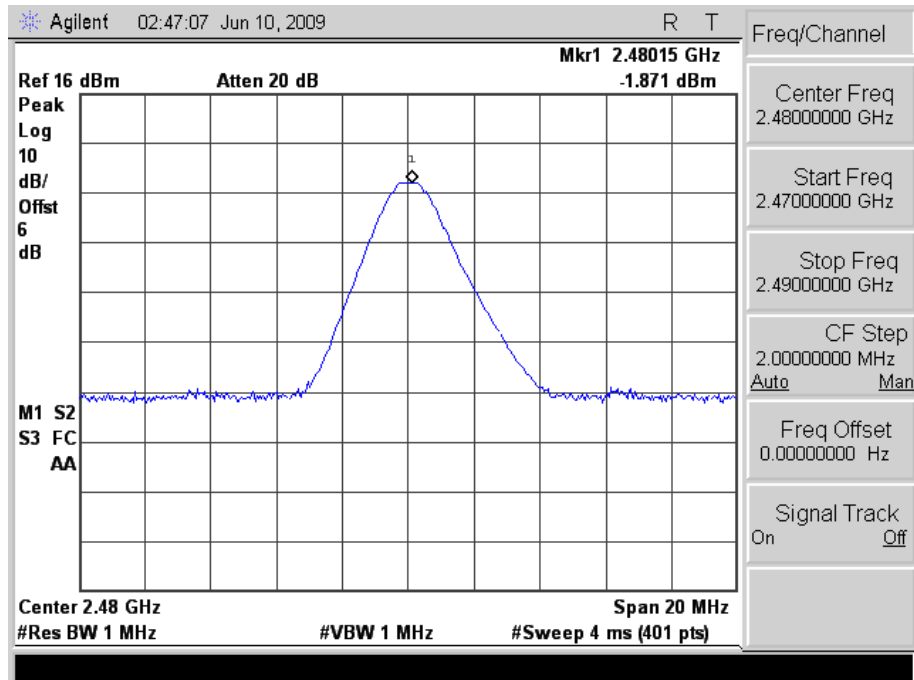


Bluetooth 2.0 CH39 (2441MHz)





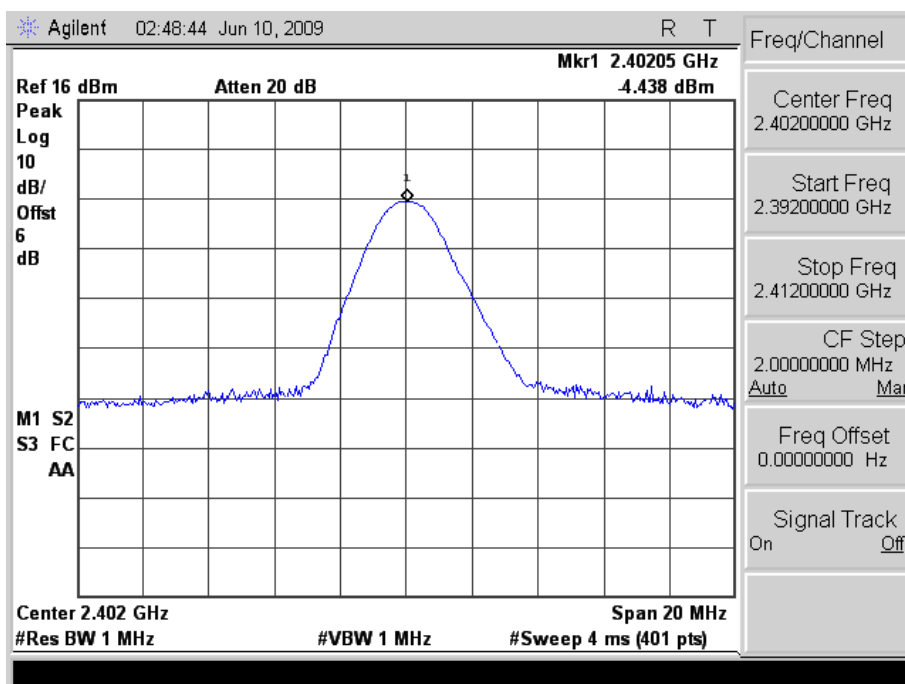
Bluetooth 2.0 CH78 (2480MHz)



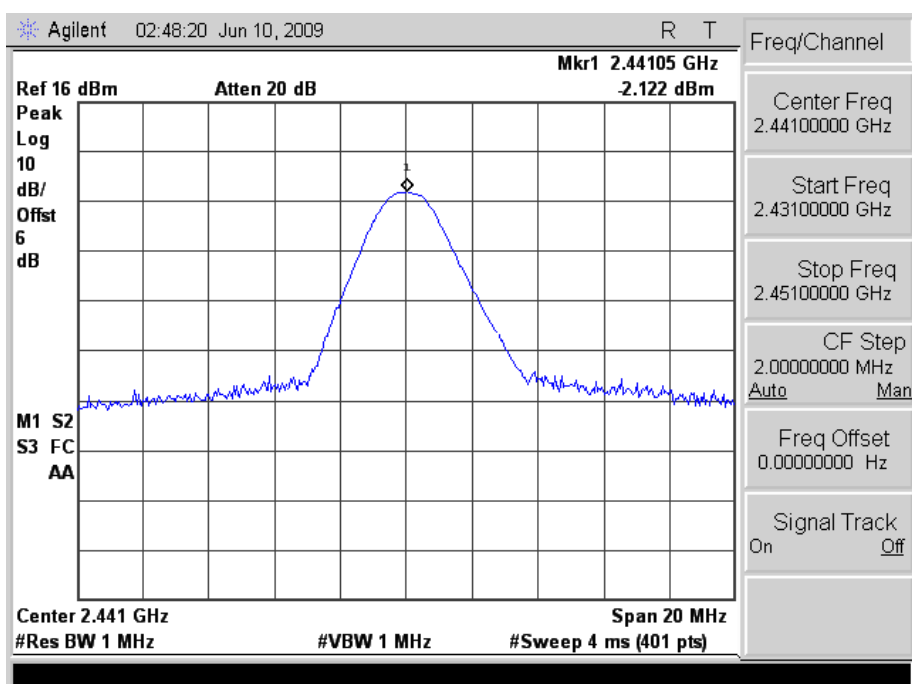


4.5.2 Test Graphs _ Bluetooth EDR Mode:

Bluetooth EDR CH00 (2402MHz)

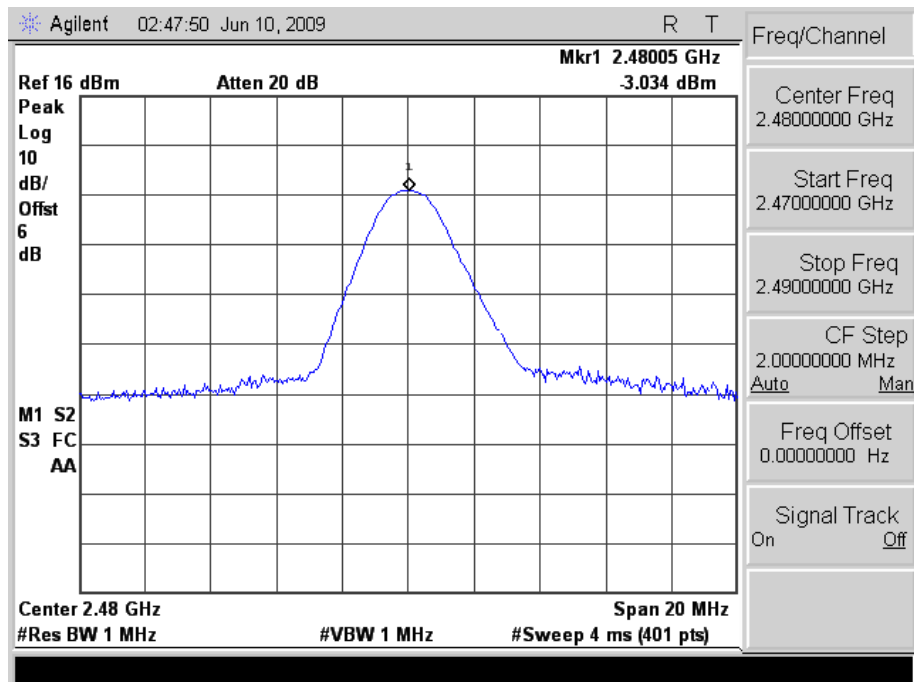


Bluetooth EDR CH39 (2441MHz)





Bluetooth EDR CH78 (2480MHz)



5. Minimum 20dB RF Bandwidth Requirements

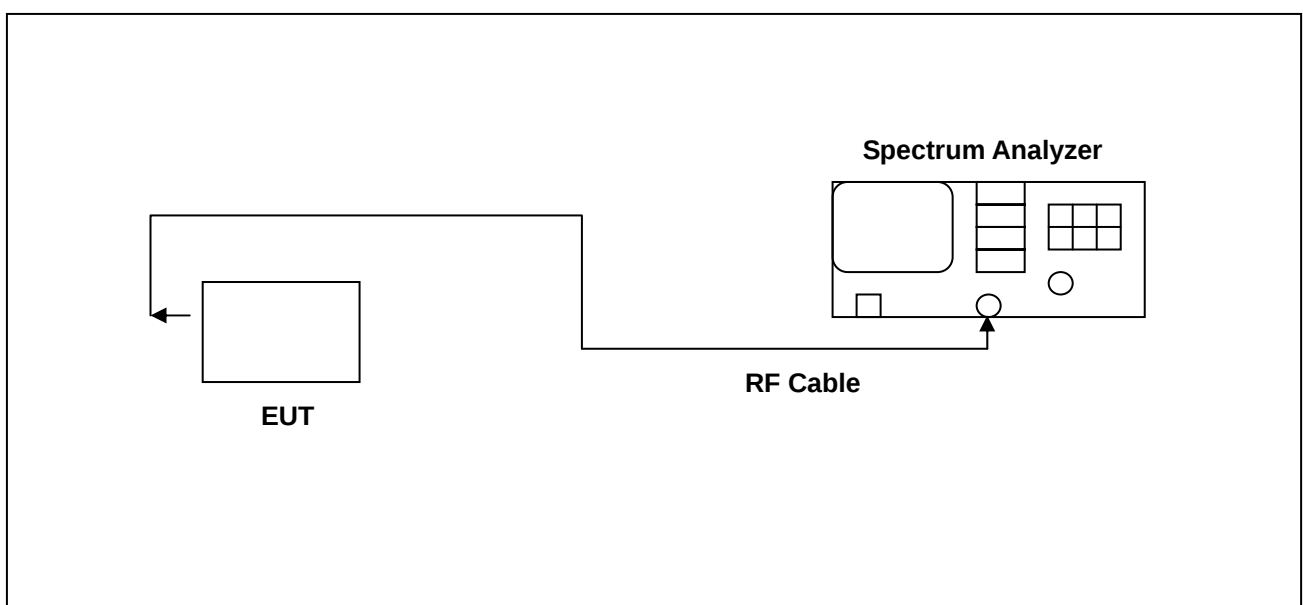
5.1 Test Condition & Setup:

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 $\geq$ 1% of the 20dB span
3. VBW $\geq$ 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	MY46181986	May 14, 2009	May 14, 2010

5.4 Test Result

Bluetooth 2.0

Frequency (MHz)	Max 20dB Bandwidth (MHz)
2402	0.780
2441	0.780
2480	0.780

Bluetooth EDR

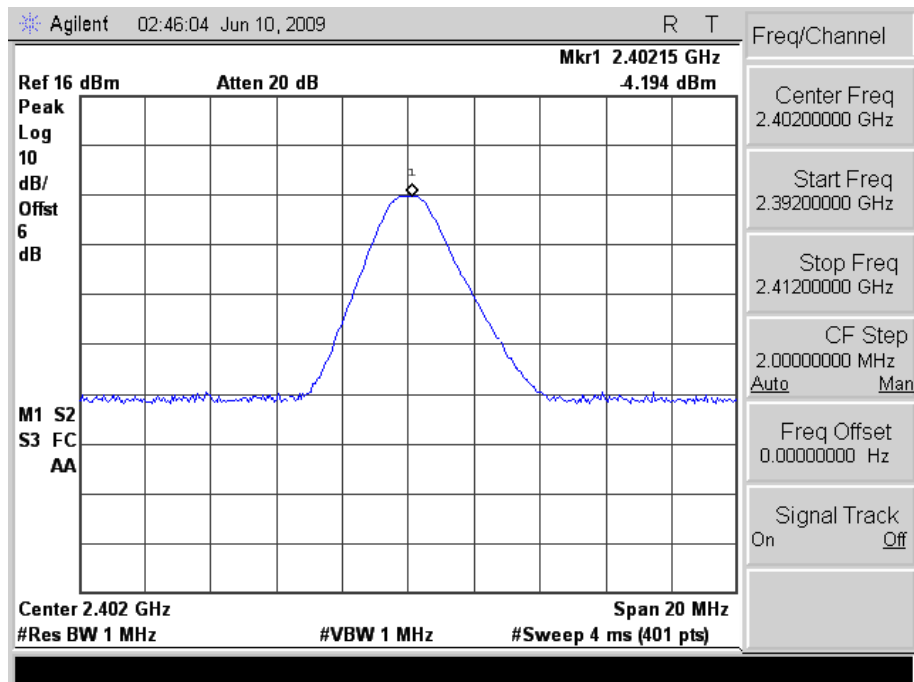
Frequency (MHz)	Max 20dB Bandwidth (MHz)	2/3 Max 20dB Bandwidth (MHz)
2402	1.210	0.806
2441	1.220	0.813
2480	1.220	0.813



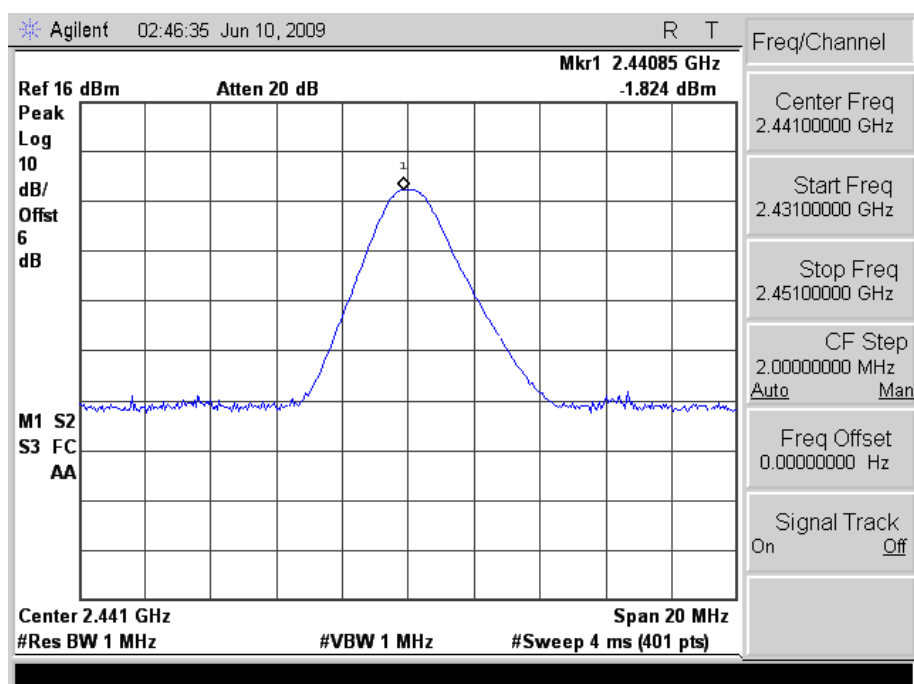
5.5 Test Graphs

5.5.1 Bluetooth 2.0 Mode:

Bluetooth 2.0 CH00 (2412MHz)

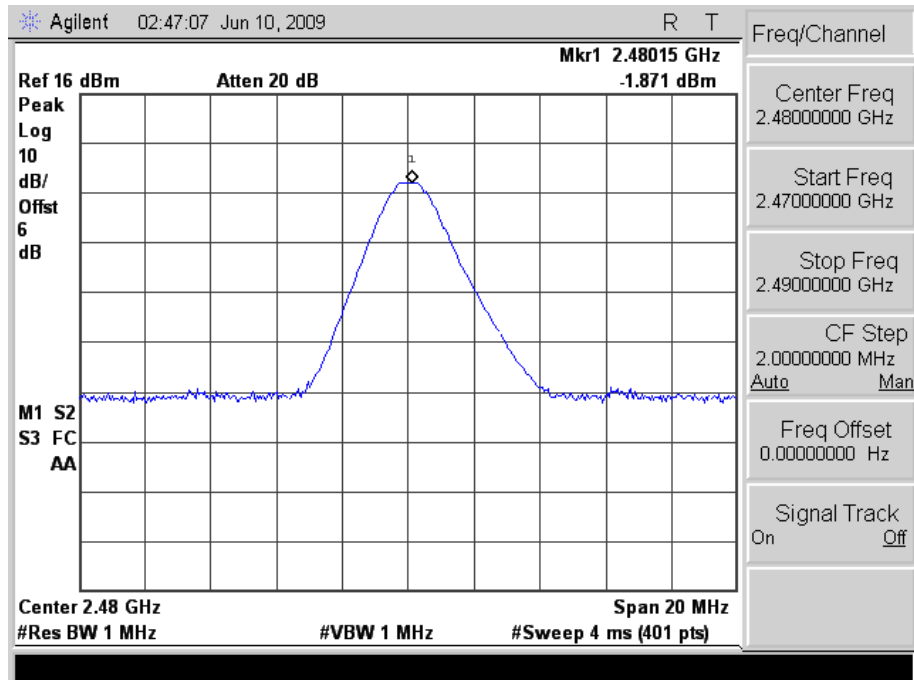


Bluetooth 2.0 CH39 (2441MHz)



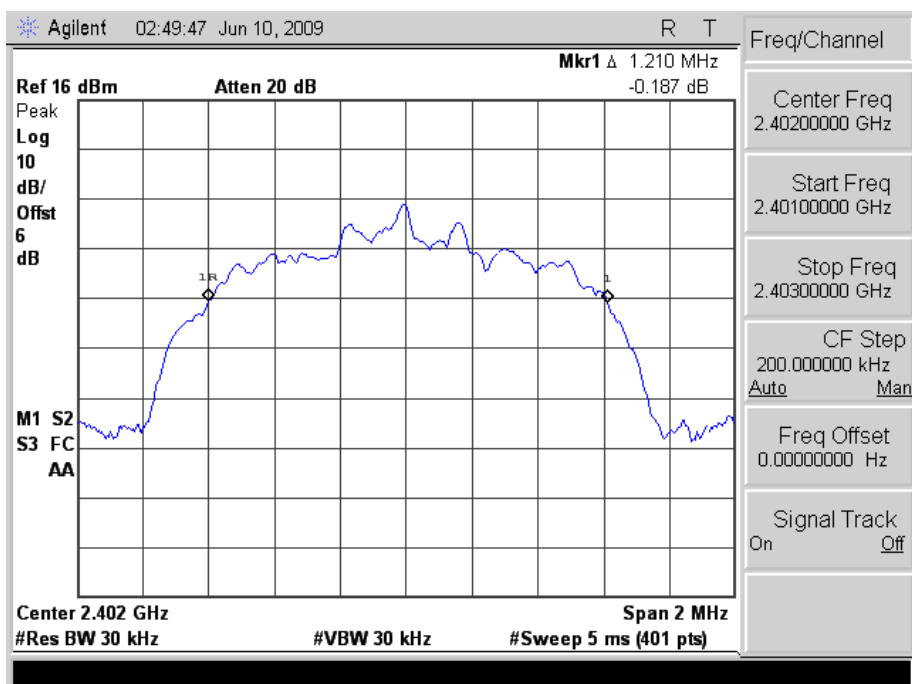


Bluetooth 2.0 CH78 (2480MHz)

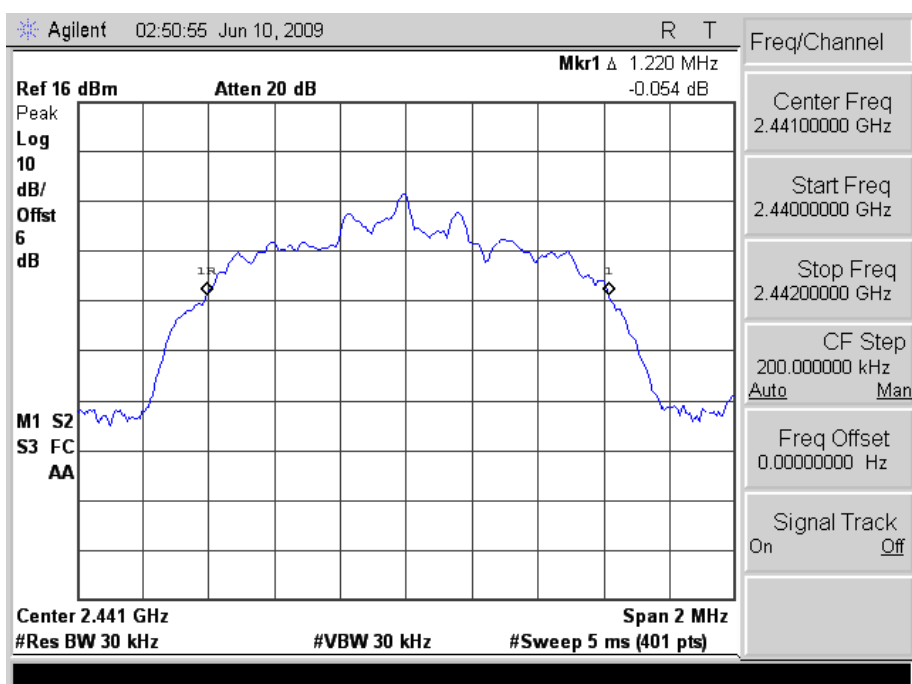


5.5.2 Bluetooth EDR Mode:

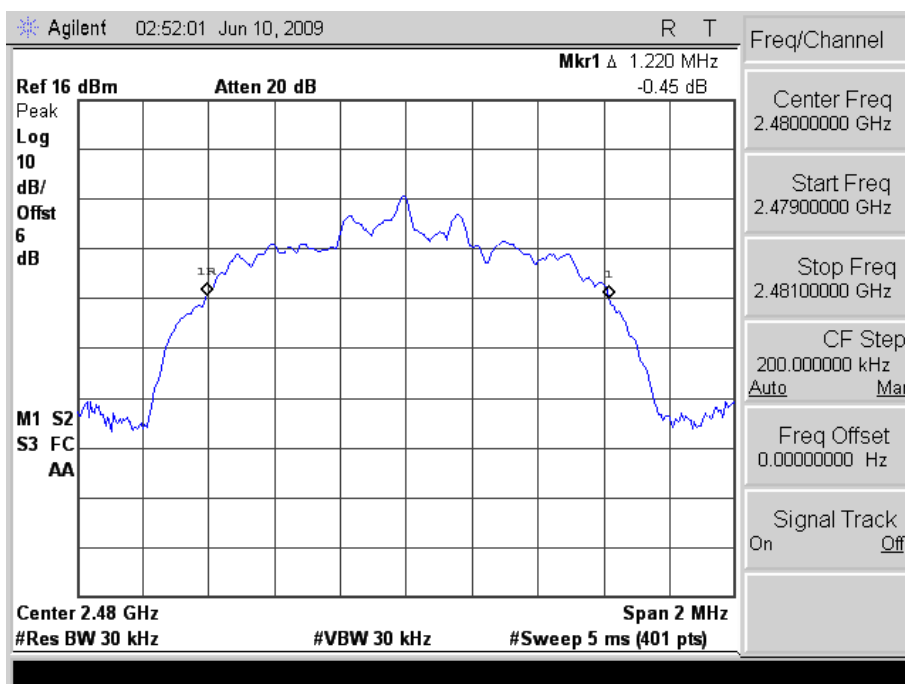
Bluetooth EDR CH00 (2412MHz)



Bluetooth EDR CH39 (2441MHz)



Bluetooth EDR CH78 (2480MHz)



6. Carrier Frequency Separation Requirements

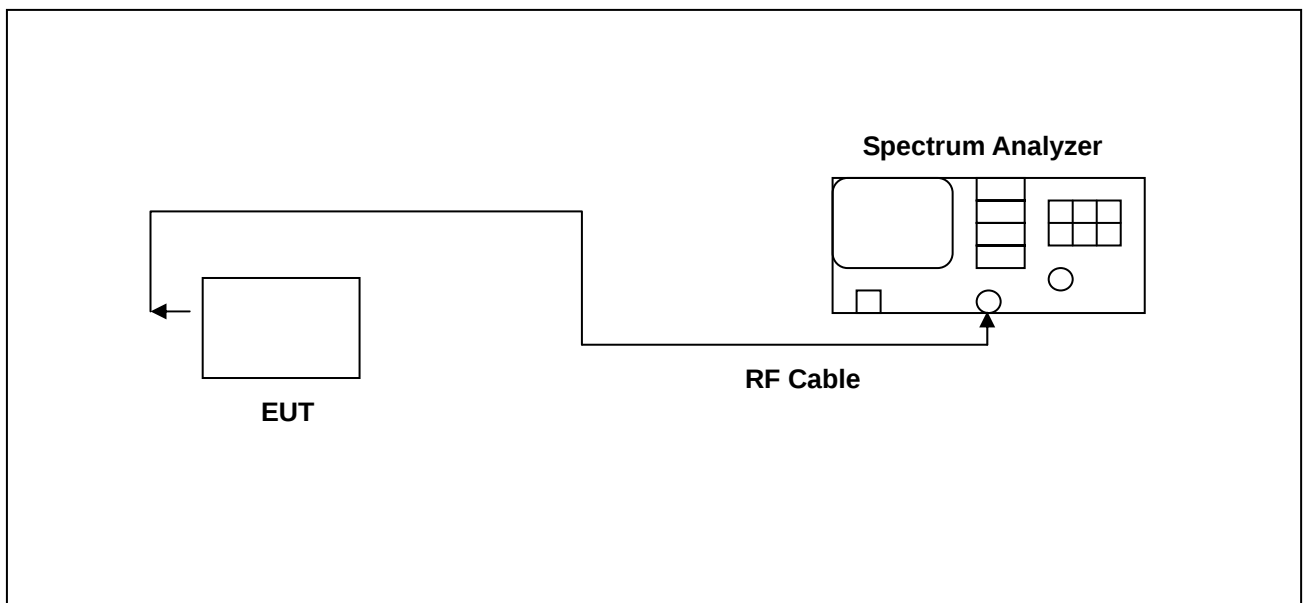
6.1 Test Condition & Setup:

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) $\geq$ 1% of the span
3. Video (or Average) Bandwidth (VBW) $\geq$ 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	MY46181986	May 14, 2009	May 14, 2010
Attenuator	RADIALL	R41572000	0603033073	NA	NA

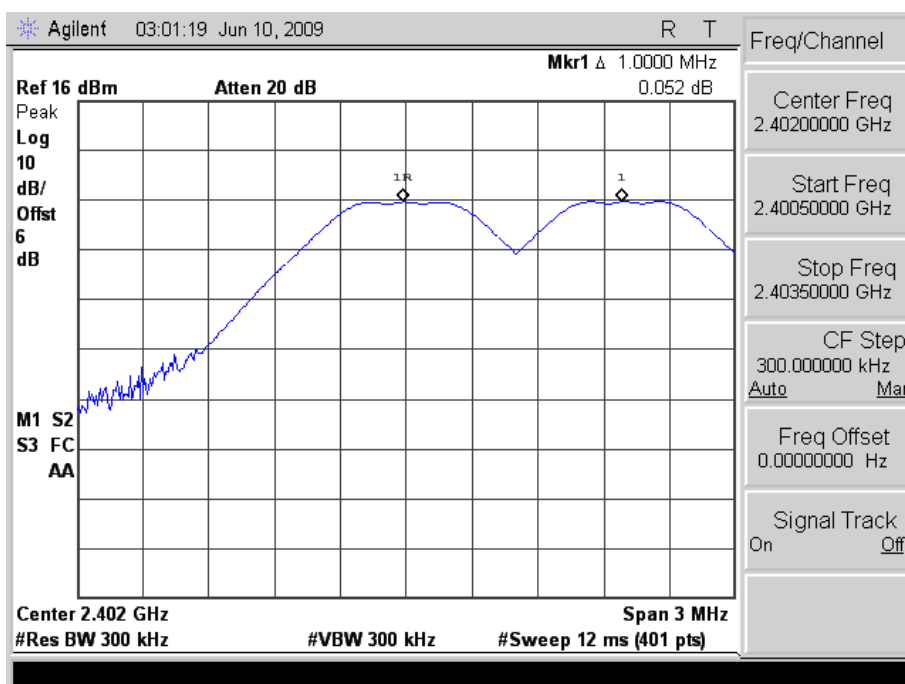
6.4 Test Result:

Carrier Frequency Separation Measure:	1 MHz
---------------------------------------	-------

6.5 Test Graphs

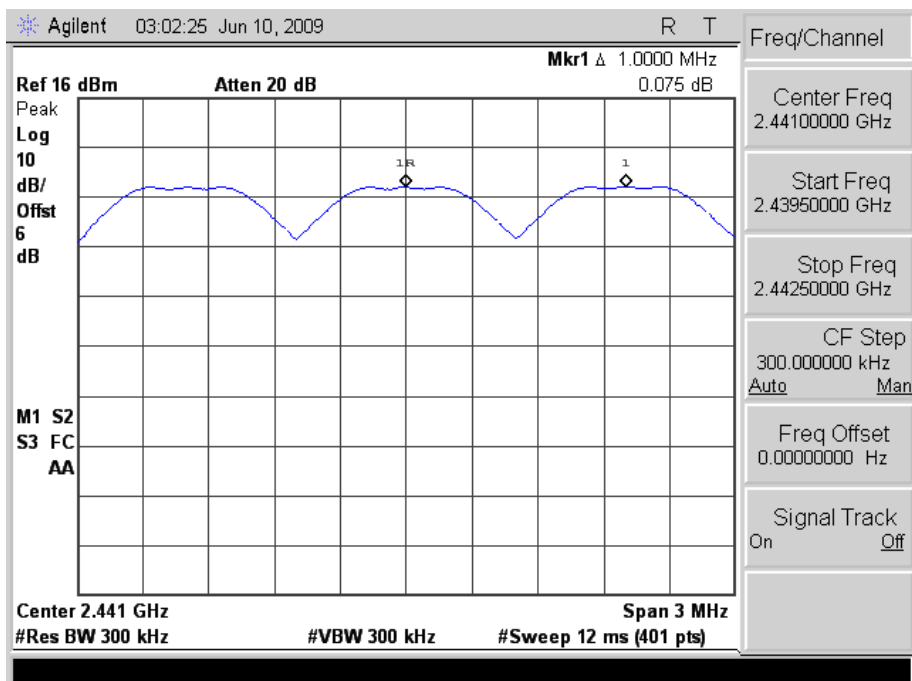
6.5.1 Bluetooth 2.0 Mode:

Bluetooth 2.0 CH00 (2412MHz)

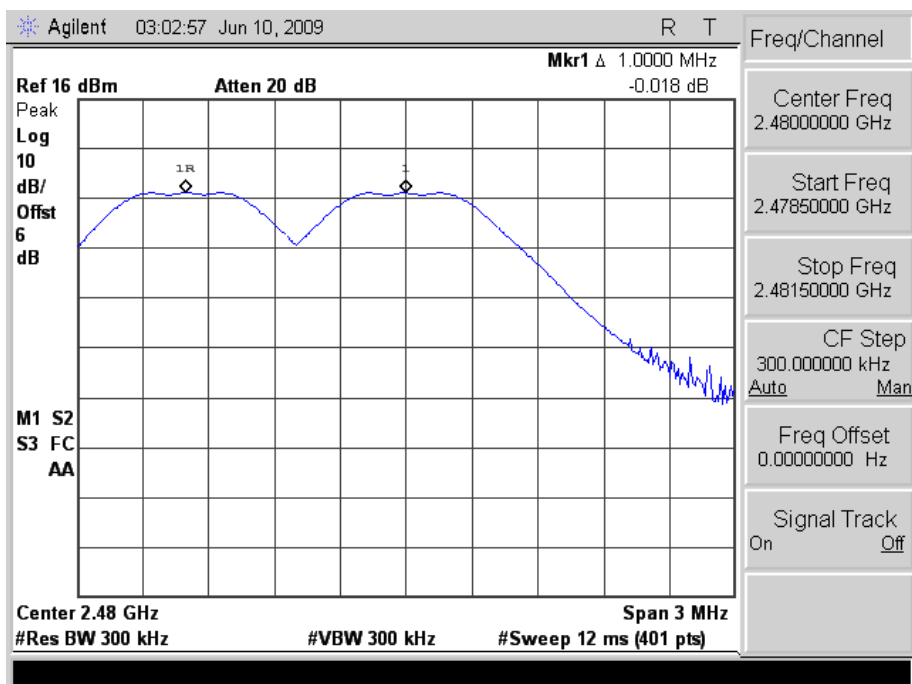




Bluetooth 2.0 CH39 (2441MHz)



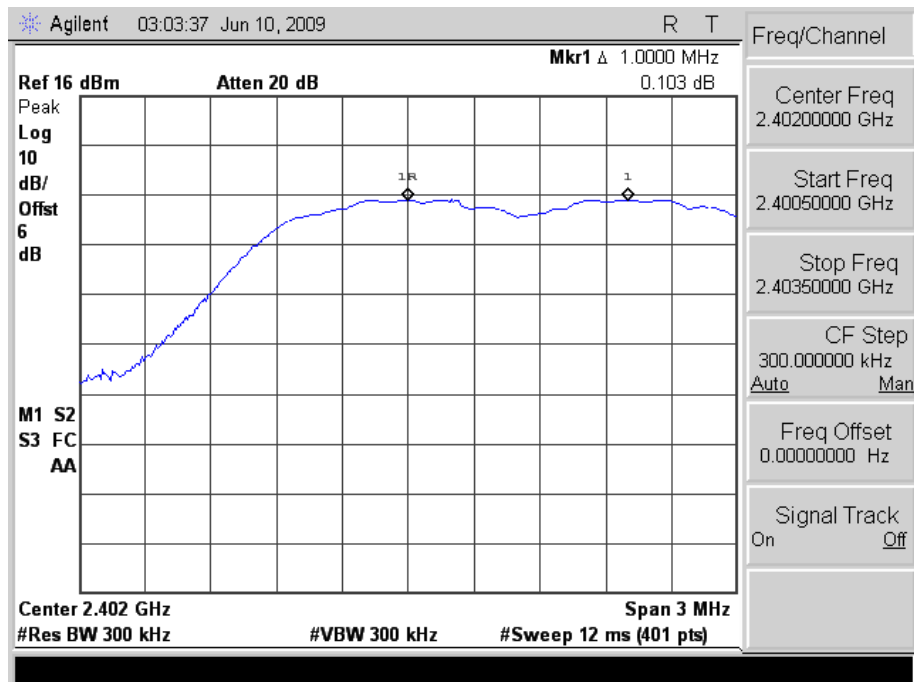
Bluetooth 2.0 CH78 (2480MHz)



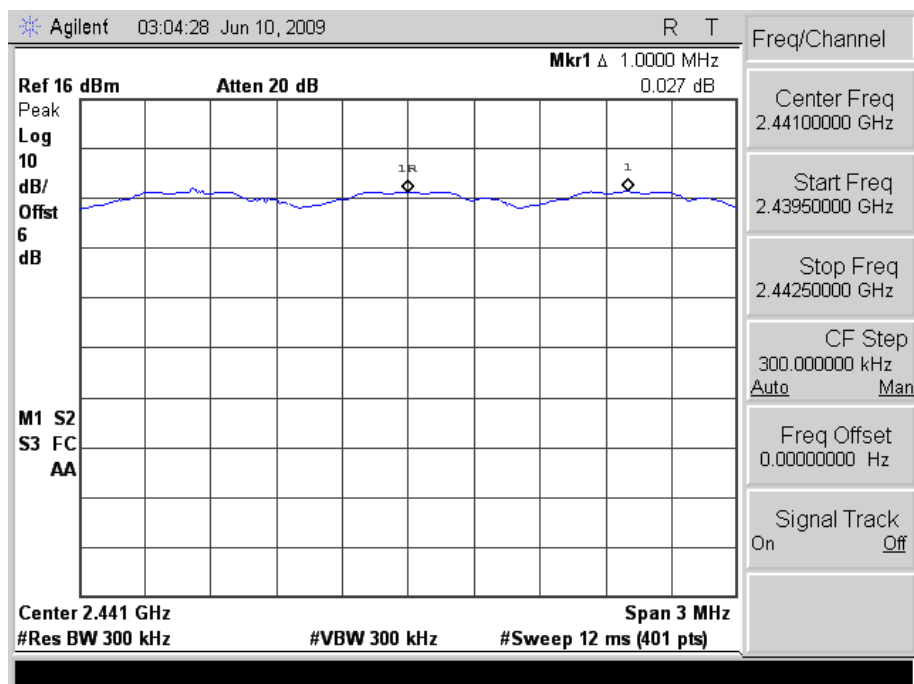


6.5.2 Bluetooth EDR Mode:

Bluetooth EDR CH00 (2412MHz)

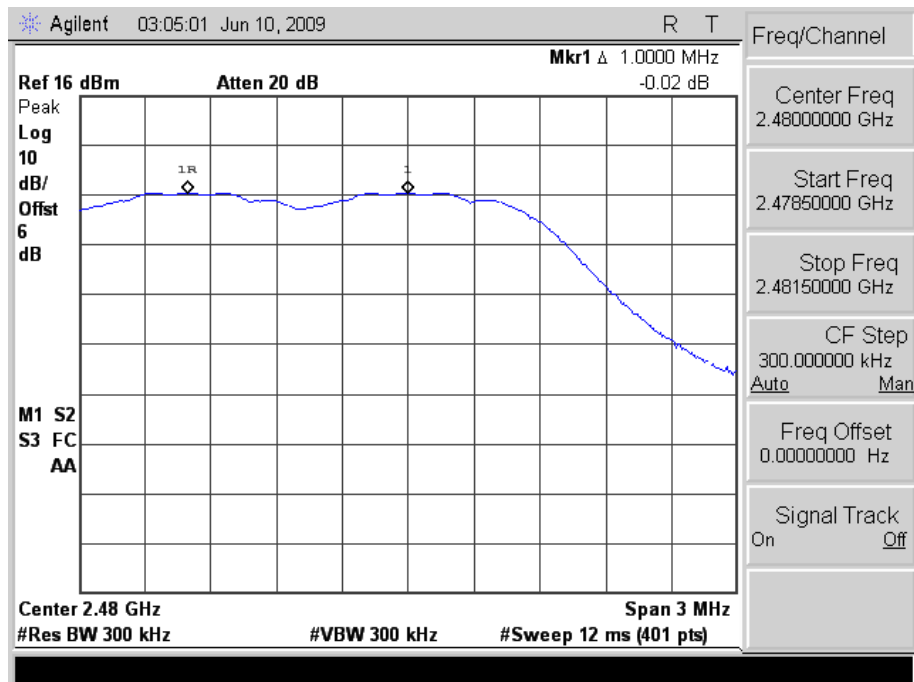


Bluetooth EDR CH39 (2441MHz)





Bluetooth EDR CH78 (2480MHz)



7. Number of Hopping Requirements

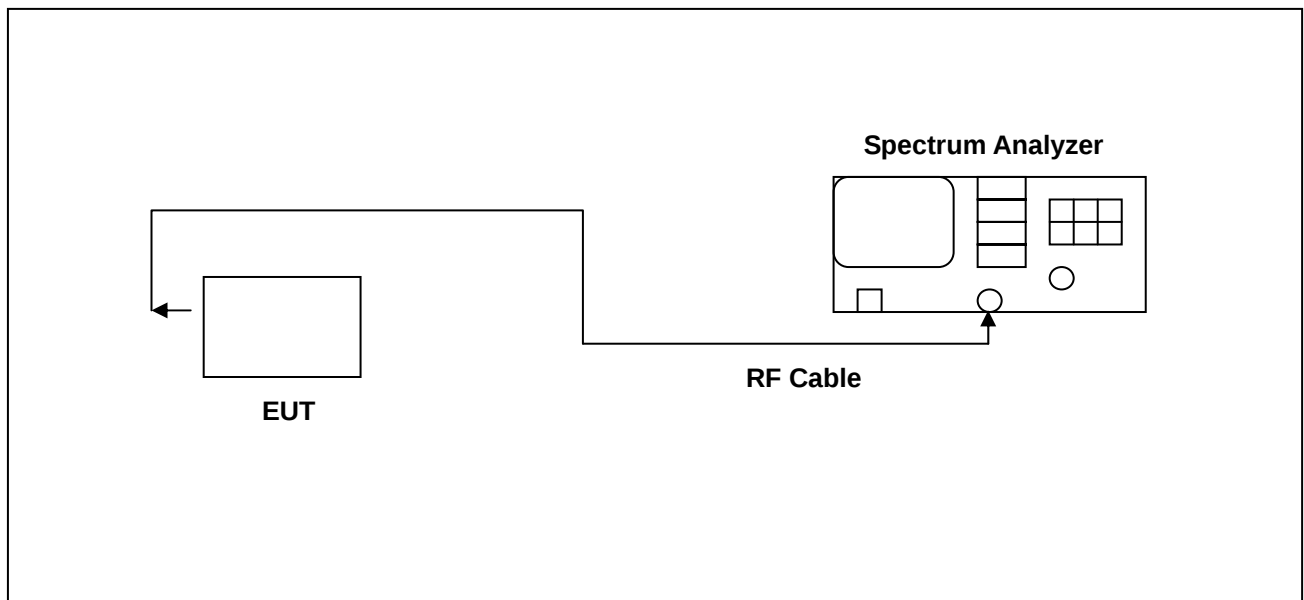
7.1 Test Condition & Setup:

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 $\geq$ 1% of the span
3. VBW $\geq$ 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	MY46181986	May 14, 2009	May 14, 2010
Attenuator	RADIALL	R41572000	0603033073	NA	NA

7.4 Test Result:

Number of Hopping Measure:	79 CH
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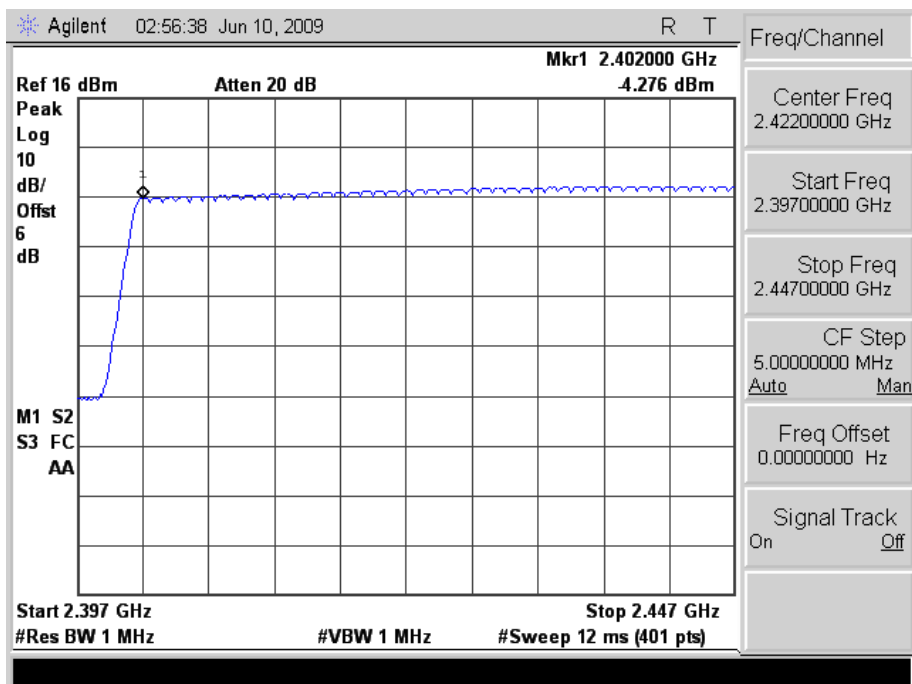
Note: Test Graphs See next page.



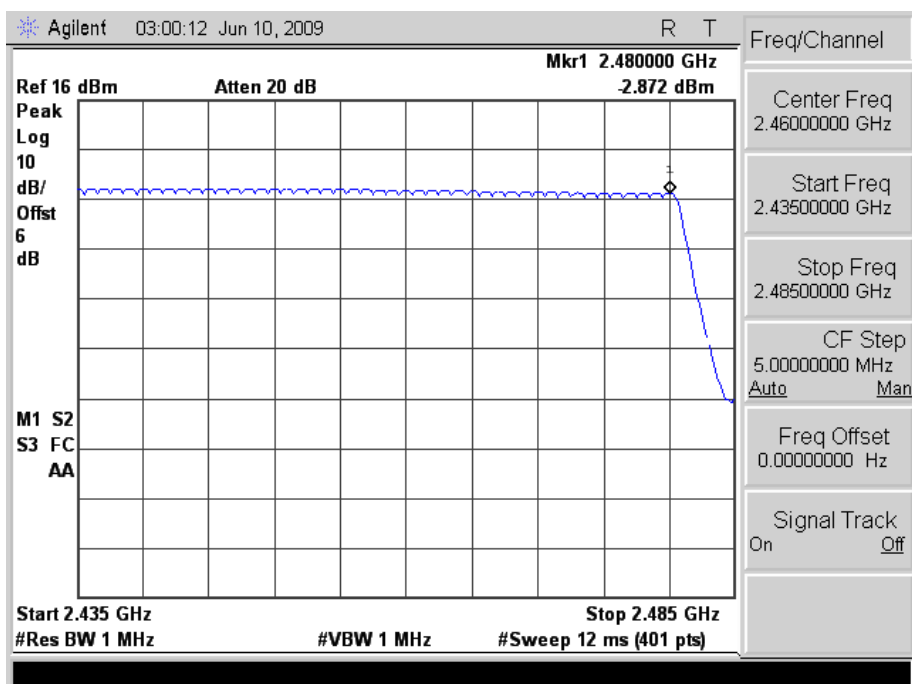
7.5 Test Graphs

7.5.1 Bluetooth 2.0 Mode:

Bluetooth 2.0 Mode CH0~CH39

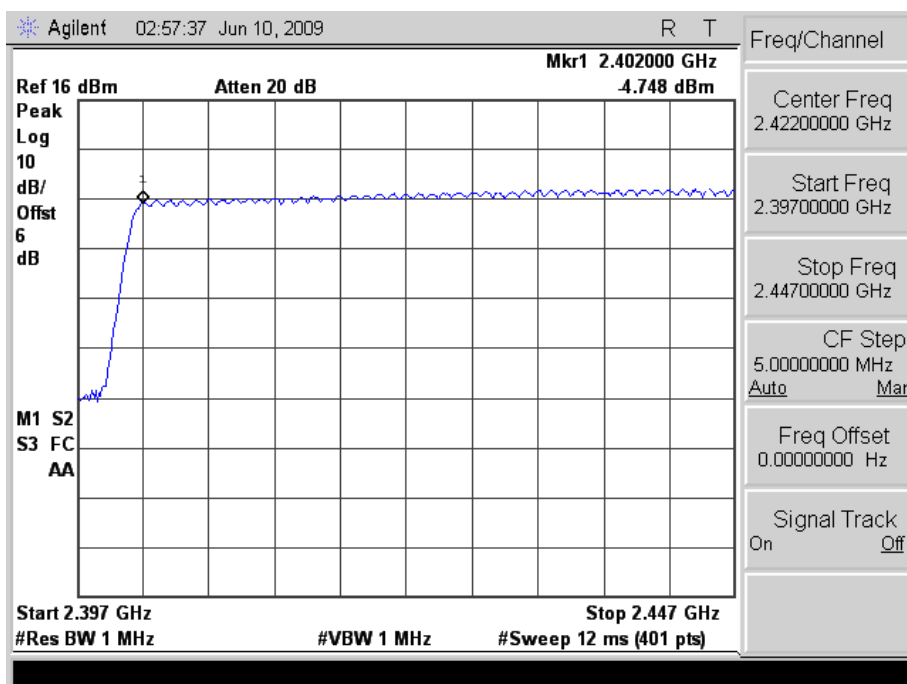


Bluetooth 2.0 Mode CH40~CH78

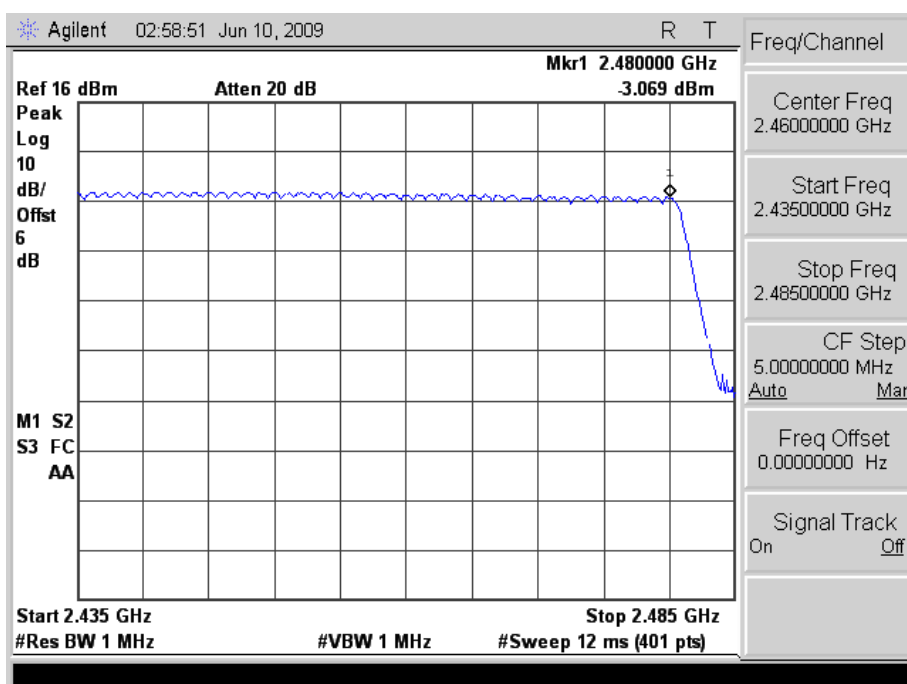


7.5.2 Bluetooth EDR Mode:

Bluetooth EDR Mode CH0~CH39



Bluetooth EDR Mode CH40~CH78



8. Time of Occupancy (Dwell Time) Requirements

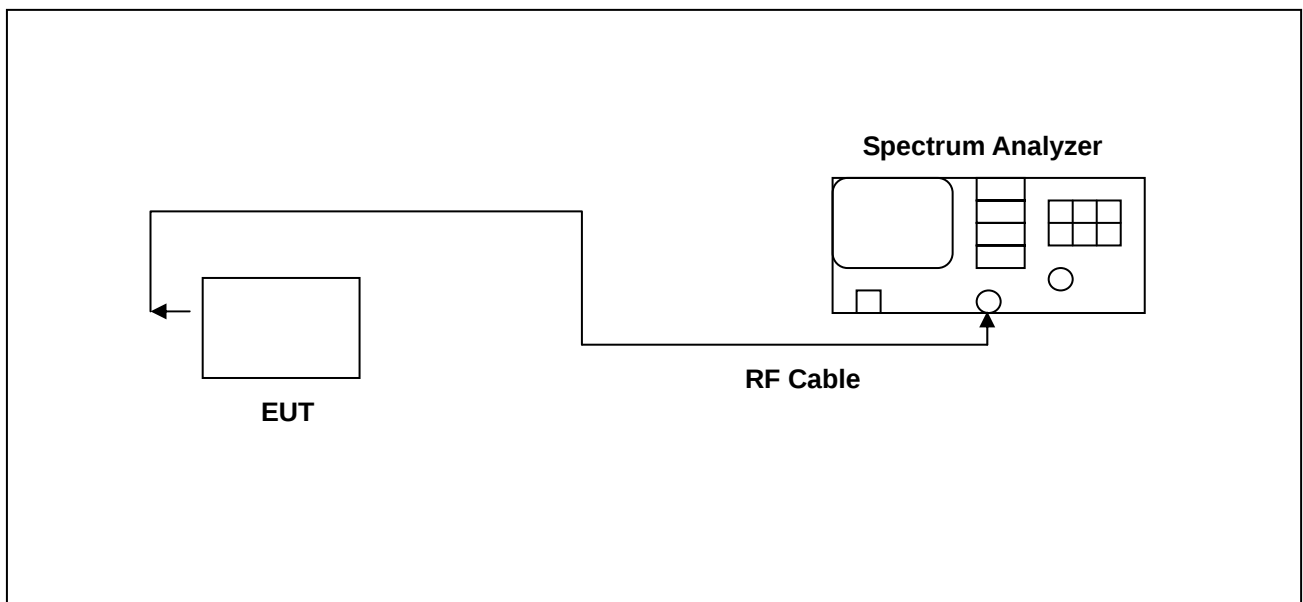
8.1 Test Condition & Setup:

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 $\geq$ 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	MY46181986	May 14, 2009	May 14, 2010
Attenuator	RADIALL	R41572000	0603033073	NA	NA

8.4 Test Result

8.4.1 Bluetooth 2.0 Mode:

Bluetooth 2.0 DH1 Mode

Cycle Calculate	$79\text{CH} * 0.4 = 31.6 \text{ (sec)}$
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	$800/79\text{CH} = 10.13(\text{times/sec})$
Each Channel Dwell Times (1)	0.41 ms (sec)
Each Channel Dwell Times on Cycle(2)	$31.6 * 10.13 = 320.108(\text{times})$
Dwell Times on Cycle (1) * (2)	131.24428 ms (sec)
LIMIT(msec)	≤ 400

Bluetooth 2.0 DH3 Mode

Cycle Calculate	$79\text{CH} * 0.4 = 31.6 \text{ (sec)}$
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	$400/79\text{CH}=5.1(\text{times/sec})$
Each Channel Dwell Times (1)	1.64 ms (sec)
Each Channel Dwell Times on Cycle(2)	$31.6*5.1=161.16(\text{times})$
Dwell Times on Cycle (1) * (2)	264.30240 ms (sec)
LIMIT(msec)	≤ 400

Bluetooth 2.0 DH5 Mode

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

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

8.4.2 Bluetooth EDR Mode:

Bluetooth EDR 3DH1 Mode

Cycle Calculate	$79\text{CH} * 0.4 = 31.6 \text{ (sec)}$
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	$800/79\text{CH} = 10.13(\text{times/sec})$
Each Channel Dwell Times (1)	0.41 ms (sec)
Each Channel Dwell Times on Cycle(2)	$31.6 * 10.13 = 320.108(\text{times})$
Dwell Times on Cycle (1) * (2)	131.24428 ms (sec)
LIMIT(msec)	≤ 400

Bluetooth EDR 3DH3 Mode

Cycle Calculate	$79\text{CH} * 0.4 = 31.6 \text{ (sec)}$
The EUT Hopping Number per Sec	1600 times/sec
Each Channel Dwell Times per Sec	$400/79\text{CH}=5.1(\text{times/sec})$
Each Channel Dwell Times (1)	1.64 ms (sec)
Each Channel Dwell Times on Cycle(2)	$31.6*5.1=161.16(\text{times})$
Dwell Times on Cycle (1) * (2)	264.30240 ms (sec)
LIMIT(msec)	≤ 400

Bluetooth EDR 3DH5 Mode

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

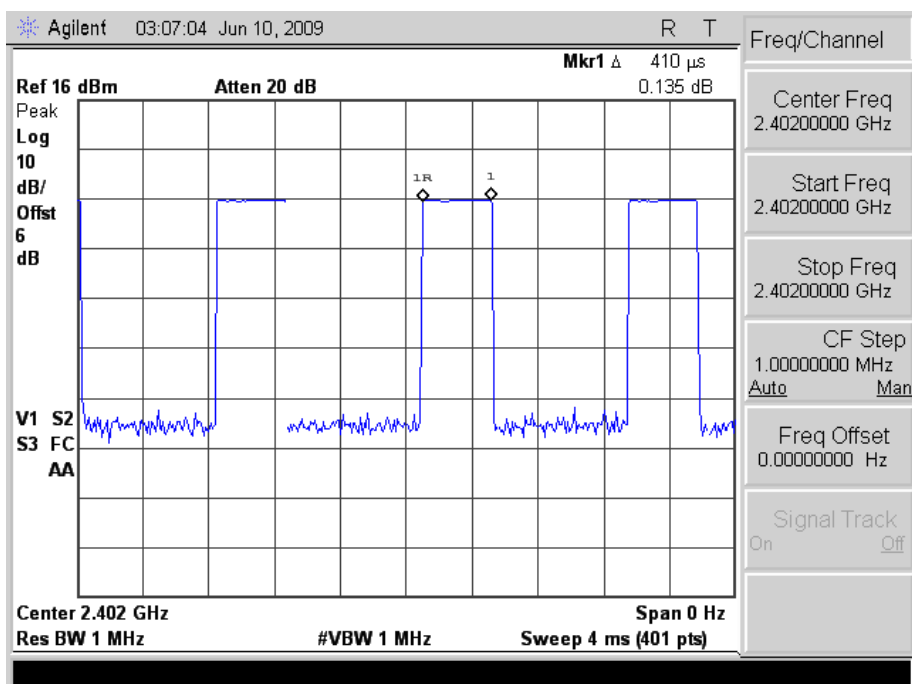
Note: RB=1MHz; VB=1MHz; SPAN=0MHz; Sweep Time=20msec



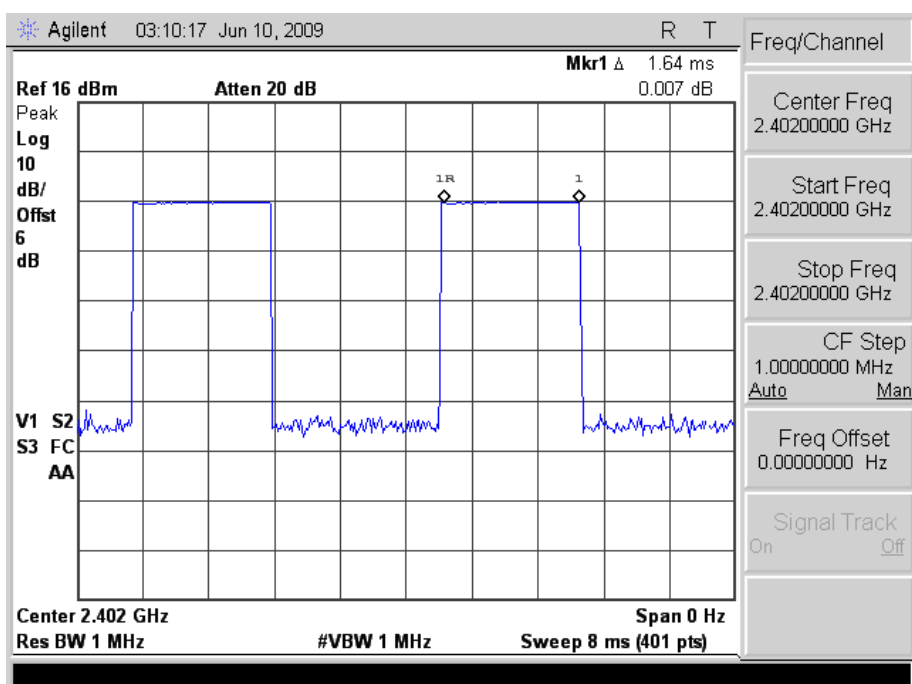
8.5 Test Graphs

8.5.1 Bluetooth 2.0 Mode:

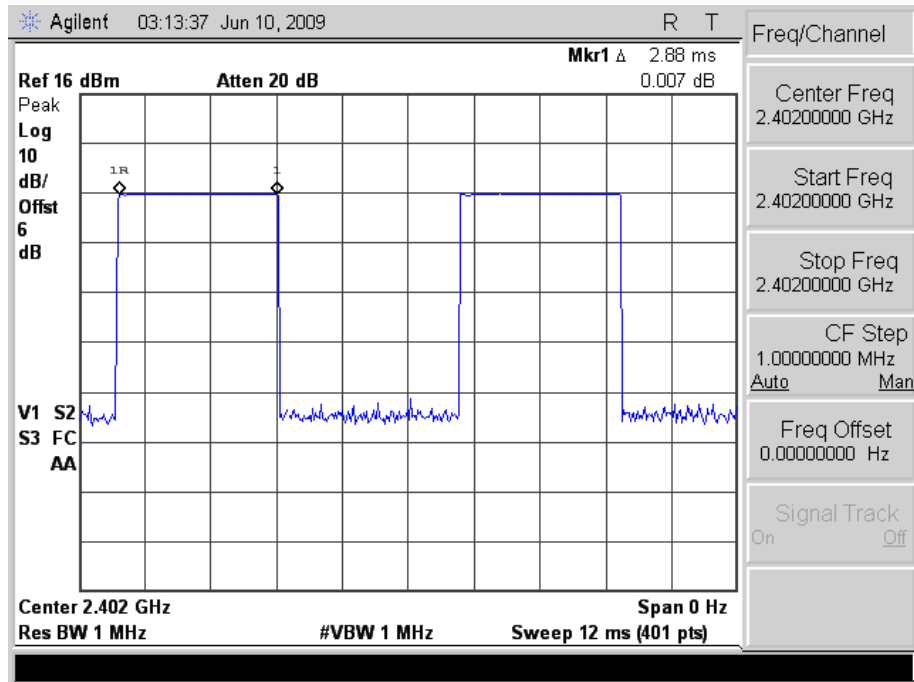
Bluetooth 2.0 DH1



Bluetooth 2.0 DH3



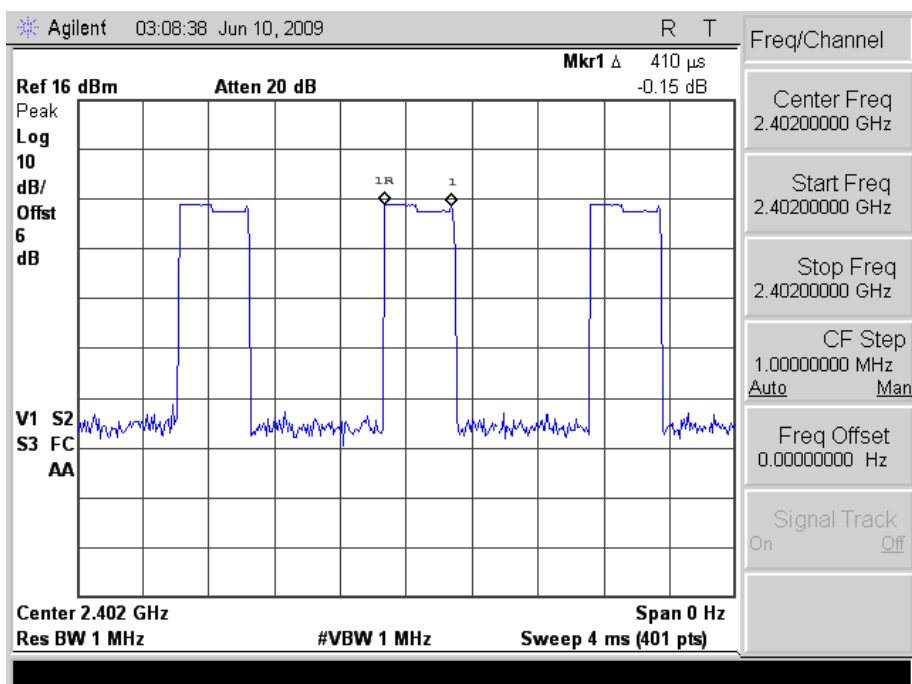
Bluetooth 2.0 DH5



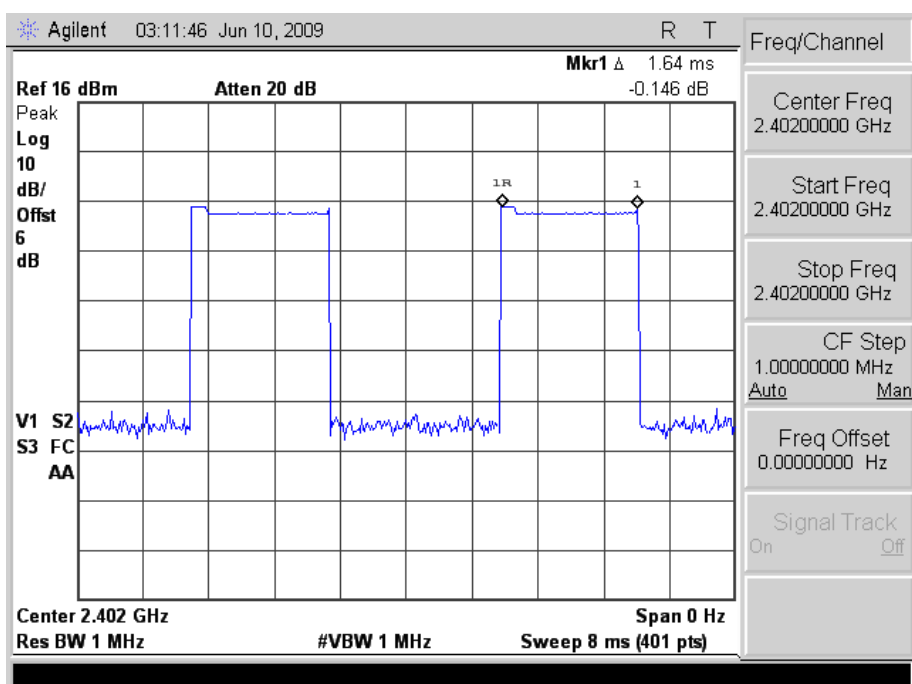


8.5.2 Bluetooth EDR Mode:

Bluetooth EDR 3DH1



Bluetooth EDR 3DH3



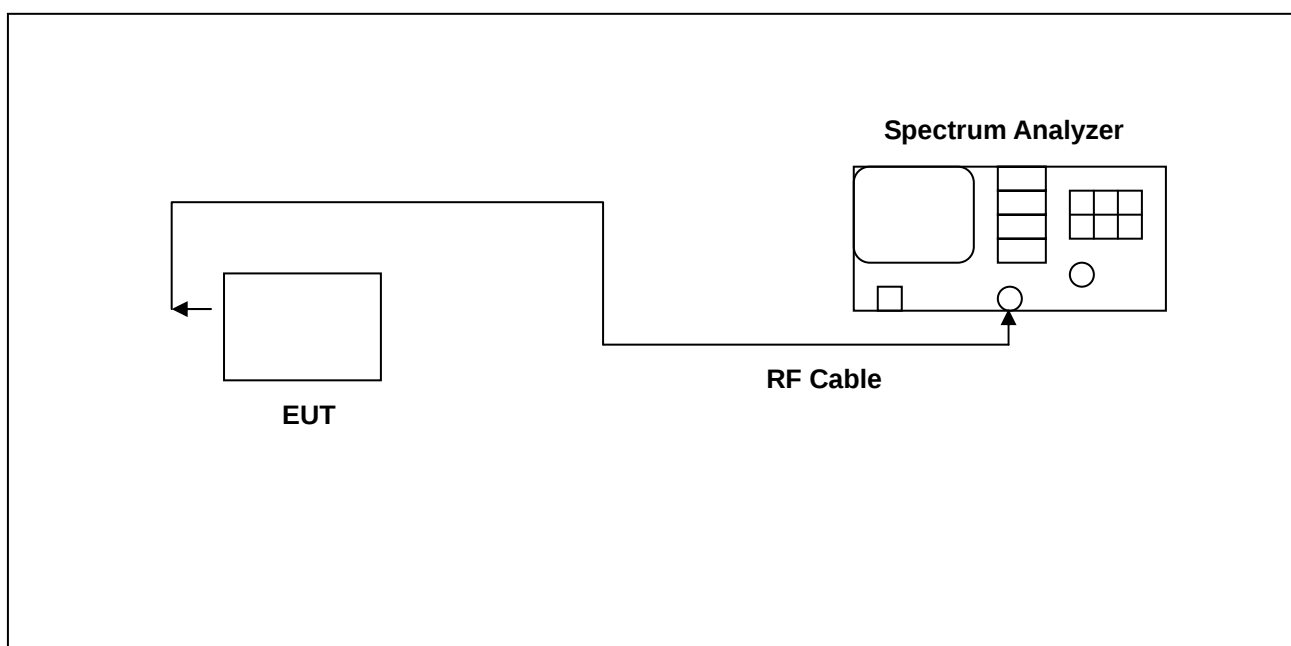
9. Out of Band Conducted Emissions Requirements

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	MY46181986	May 14, 2009	May 14, 2010



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.

9.5 Test Graphs

9.5.1 Bluetooth 2.0 Mode:

Applicant : HTC Corporation

Model No : CLIC100

EUT : PDA Phone

Test Mode : Bluetooth 2.0

Test Date : 06/10/2009

Please refer to next page of detail testing data.



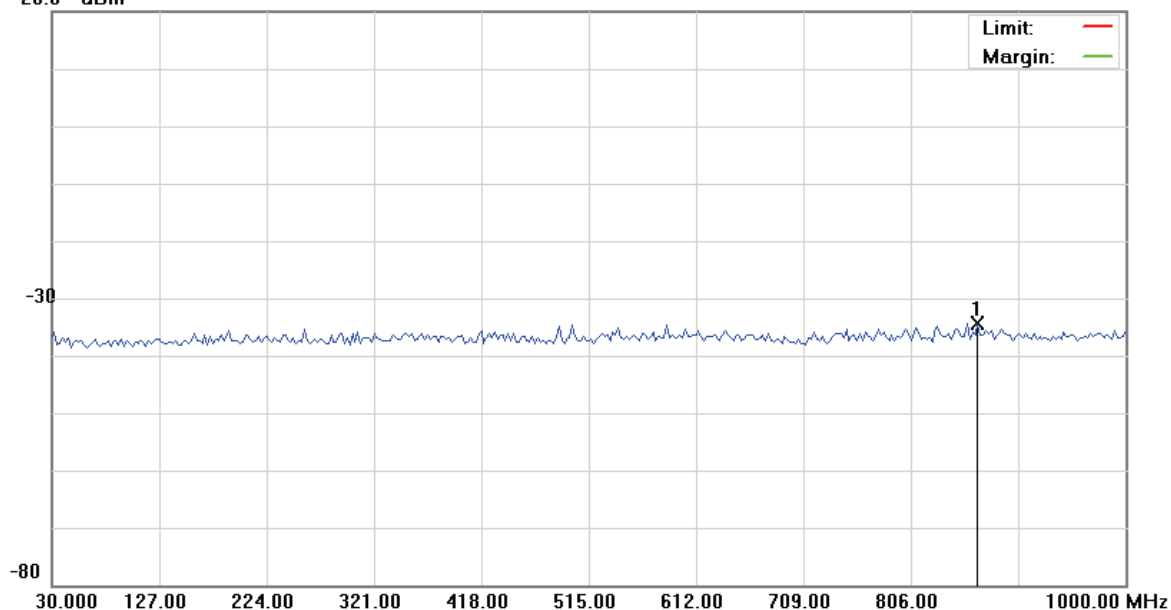
File :CLIC100(BT)

Data :#1

Date: 2009/6/10

Time: 上午 03:16:54

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	866.6250	-40.33	6.03	-34.30			peak		Comment

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

●Reference Only



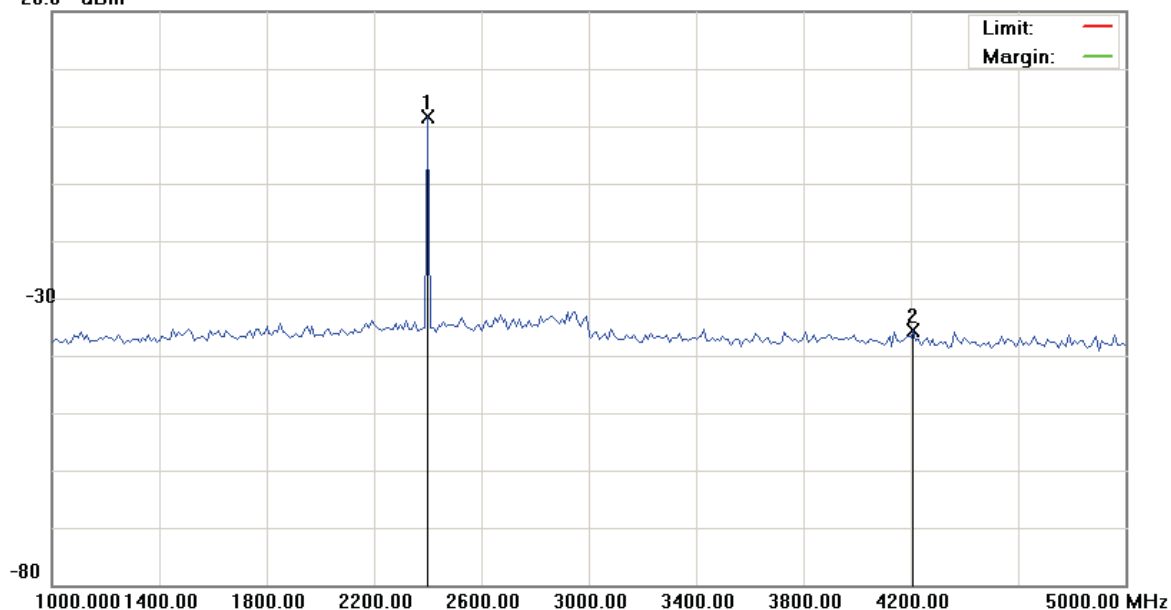
File :CLIC100(BT)

Data :#2

Date: 2009/6/10

Time: 上午 03:17:12

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2400.000	-4.50	6.09	1.59			peak		
2		4210.000	-41.88	6.16	-35.72			peak		

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

●Reference Only



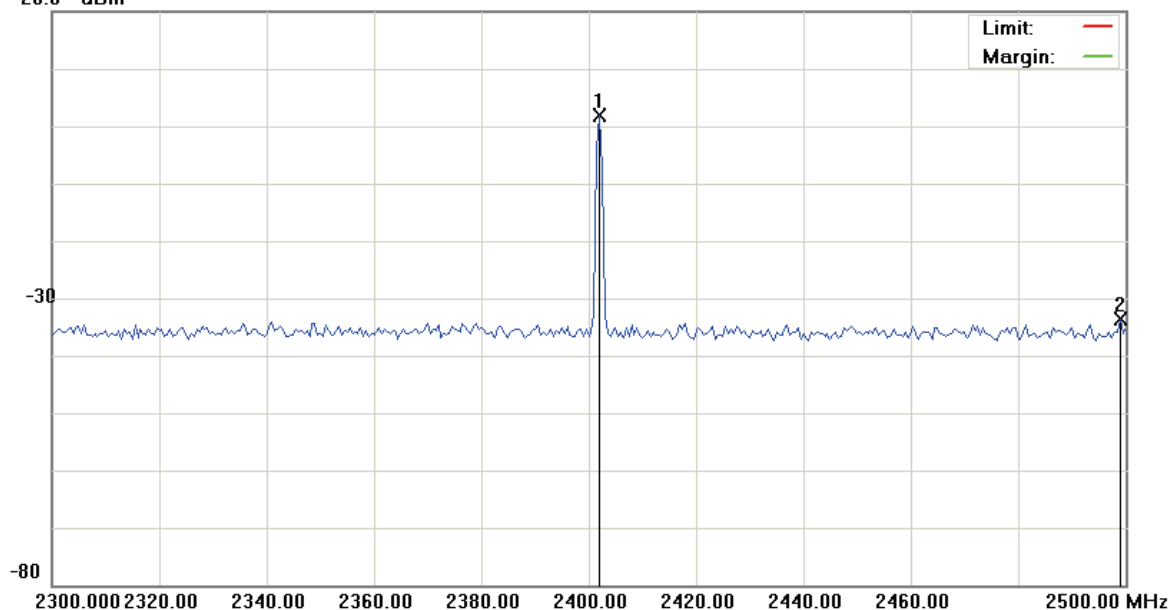
File :CLIC100(BT)

Data :#3

Date: 2009/6/10

Time: 上午 03:17:29

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	cm	degree	Comment
1	*	2402.000	-4.23	6.09	1.86					peak
2		2499.000	-39.62	6.09	-33.53					peak

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

●Reference Only



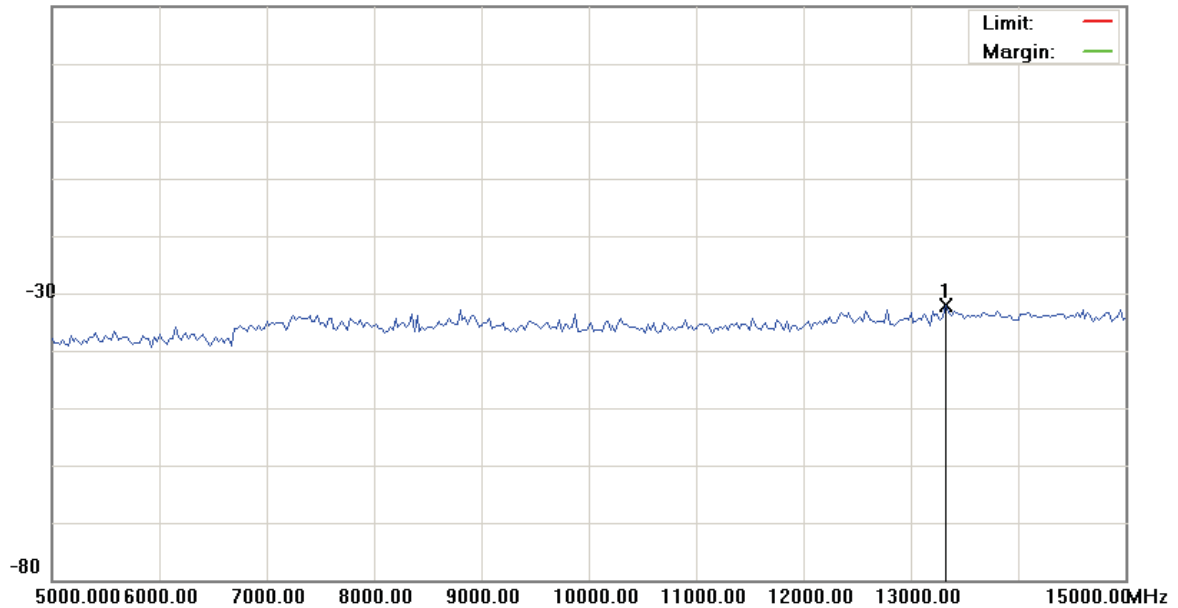
File :CLIC100(BT)

Data :#4

Date: 2009/6/10

Time: 上午 03:17:47

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	13325.00	-38.67	6.50	-32.17			peak		

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

●Reference Only

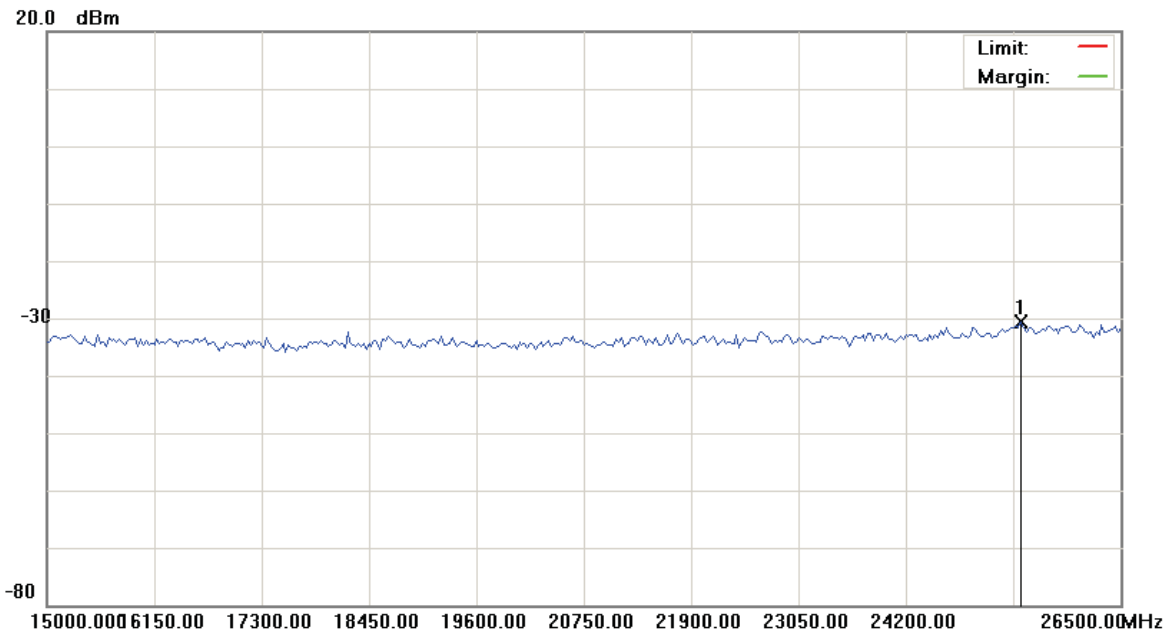


File :CLIC100(BT)

Data :#5

Date: 2009/6/10

Time: 上午 03:18:04



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	25436.25	-37.51	6.96	-30.55			peak		

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

●Reference Only



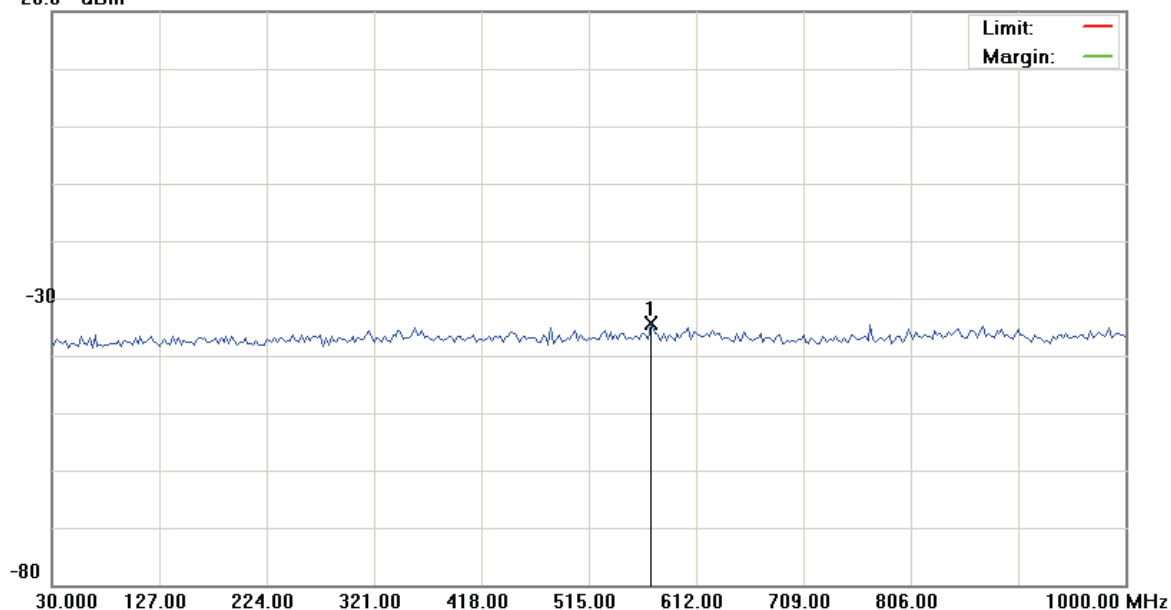
File :CLIC100(BT)

Data :#6

Date: 2009/6/10

Time: 上午 03:18:39

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	570.7750	-40.34	6.02	-34.32			peak		Comment

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

●Reference Only



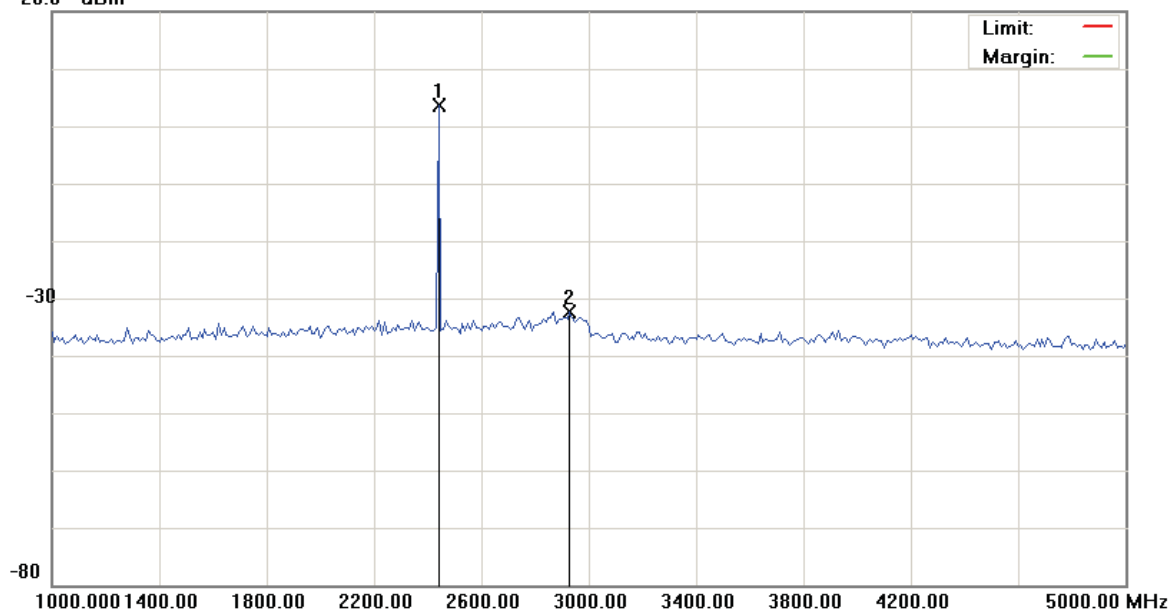
File :CLIC100(BT)

Data :#7

Date: 2009/6/10

Time: 上午 03:18:56

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2441MHz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2440.000	-2.58	6.09	3.51			peak		
2		2930.000	-38.51	6.11	-32.40			peak		

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

●Reference Only

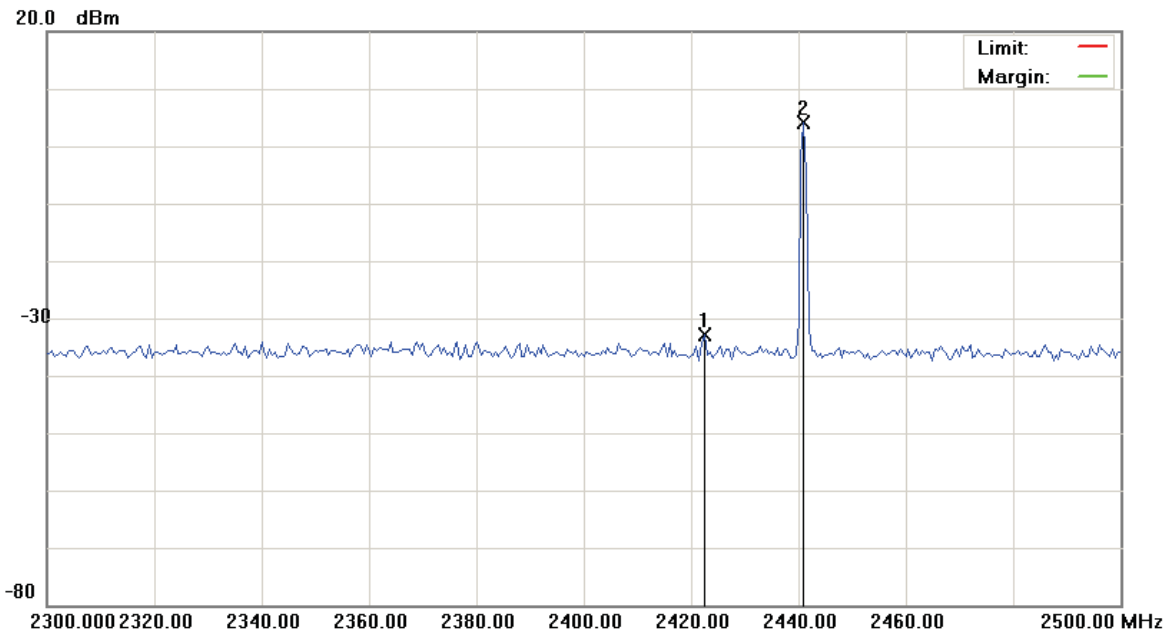


File :CLIC100(BT)

Data :#8

Date: 2009/6/10

Time: 上午 03:19:13



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1		2422.500	-39.06	6.09	-32.97			peak		
2	*	2441.000	-1.88	6.09	4.21			peak		

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

●Reference Only



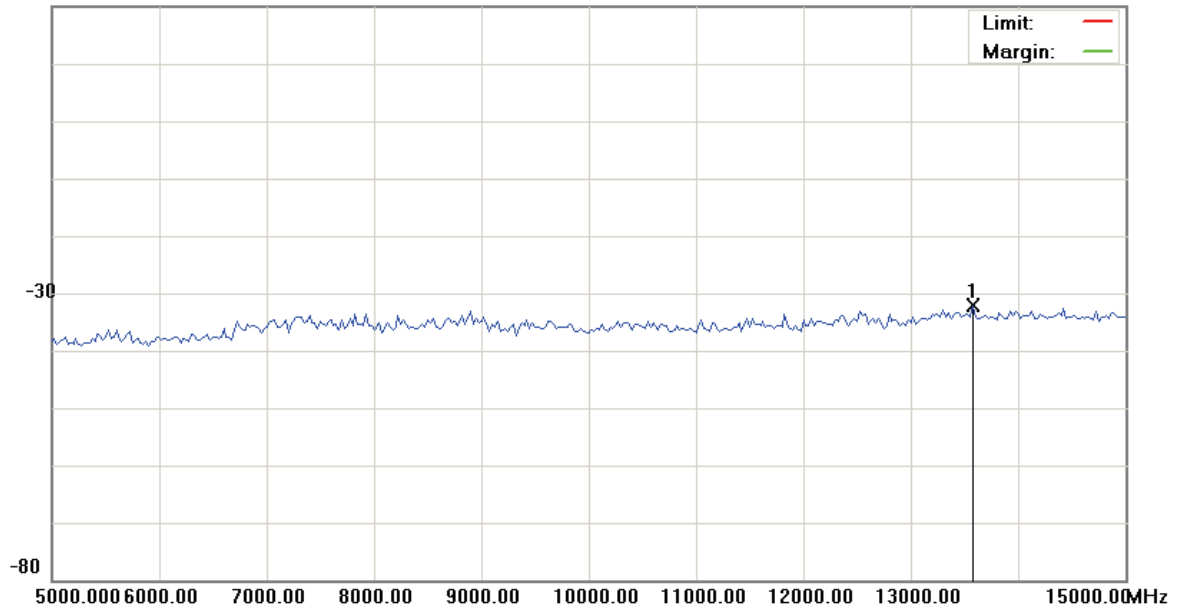
File :CLIC100(BT)

Data :#9

Date: 2009/6/10

Time: 上午 03:19:30

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	13575.00	-38.70	6.51	-32.19			peak		

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

●Reference Only



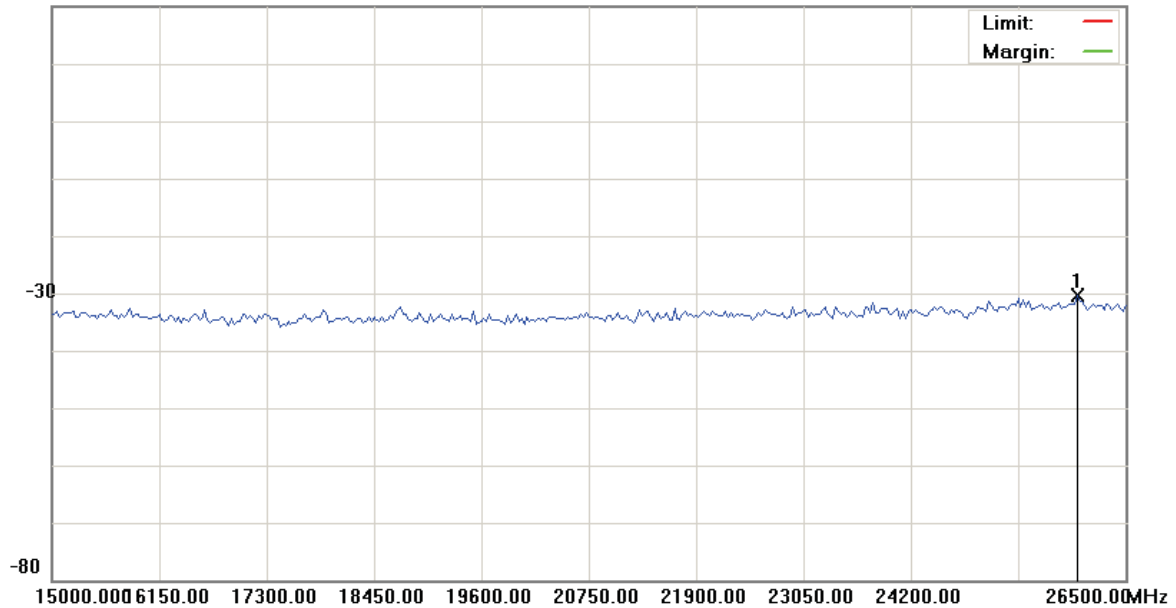
File :CLIC100(BT)

Data :#10

Date: 2009/6/10

Time: 上午 03:19:48

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	25982.50	-37.30	6.98	-30.32			peak		
										Comment

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

●Reference Only



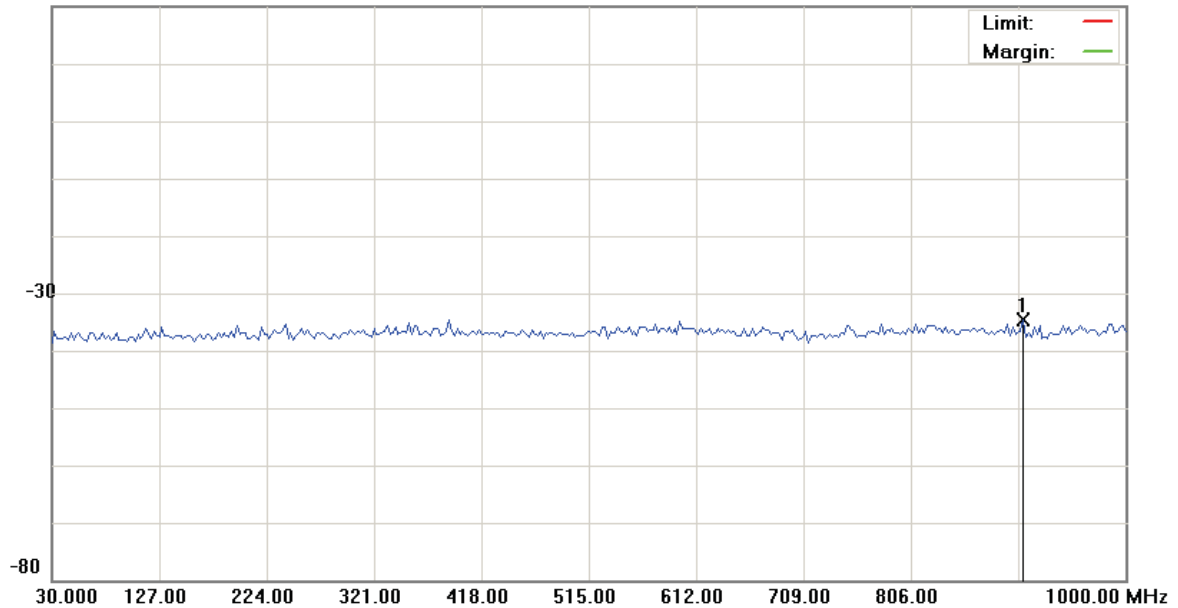
File :CLIC100(BT)

Data :#11

Date: 2009/6/10

Time: 上午 03:20:21

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	907.8500	-40.62	6.03	-34.59			peak		

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

●Reference Only



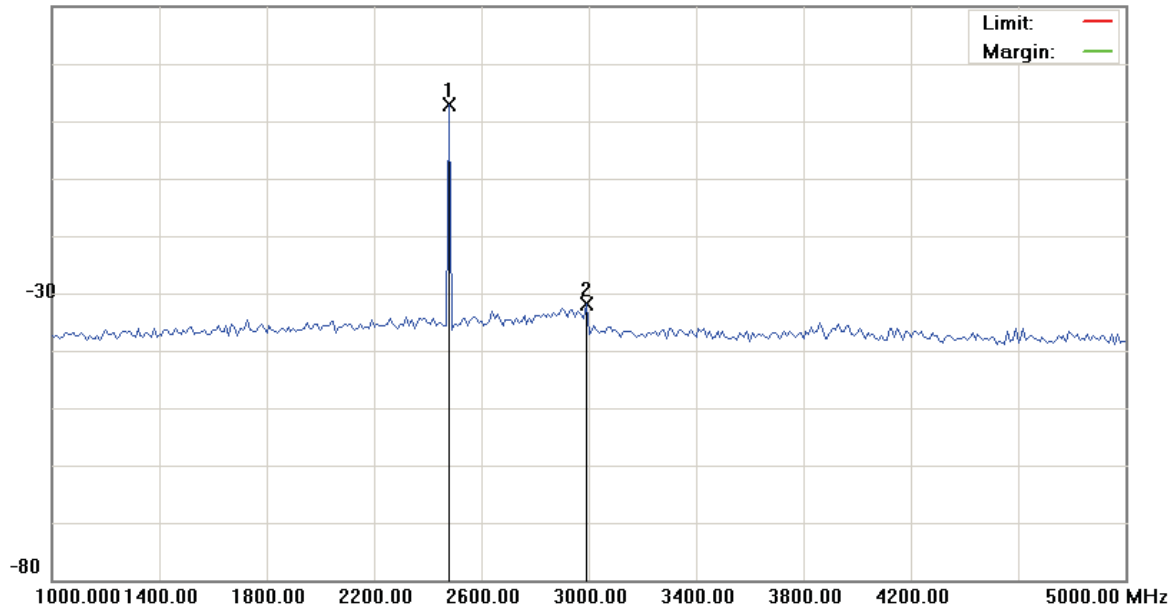
File :CLIC100(BT)

Data :#12

Date: 2009/6/10

Time: 上午 03:20:39

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2480.000	-3.18	6.09	2.91			peak		
2		2990.000	-37.96	6.11	-31.85			peak		

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

●Reference Only

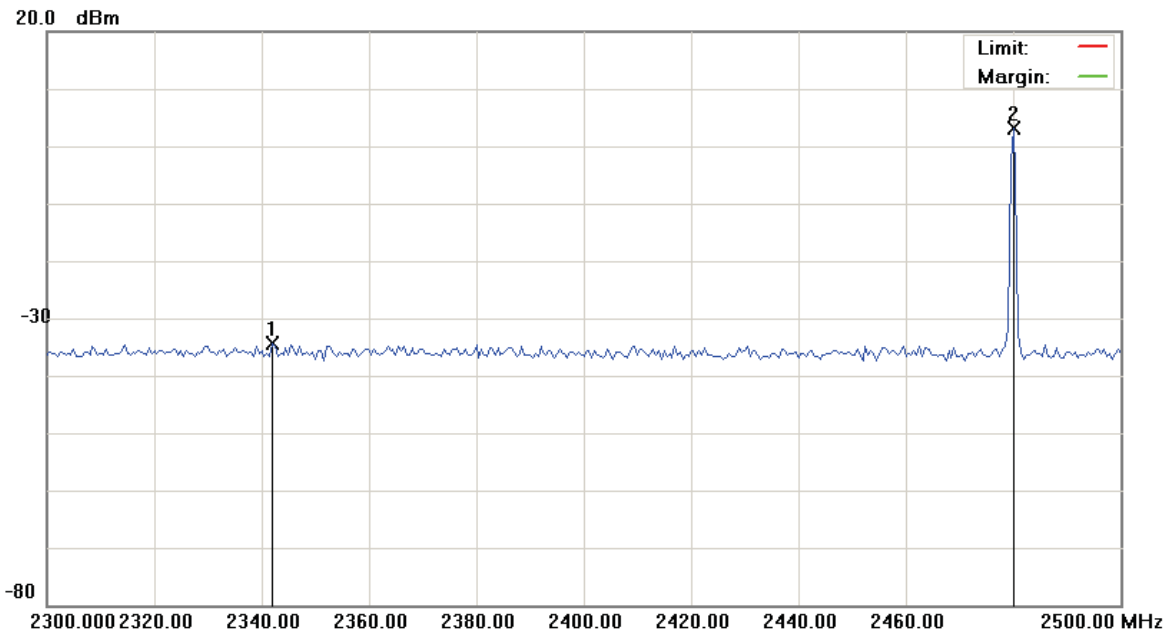


File :CLIC100(BT)

Data :#13

Date: 2009/6/10

Time: 上午 03:20:56



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2480MHz

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1		2342.000	-40.51	6.09	-34.42			peak		
2	*	2480.000	-2.87	6.09	3.22			peak		

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

●Reference Only



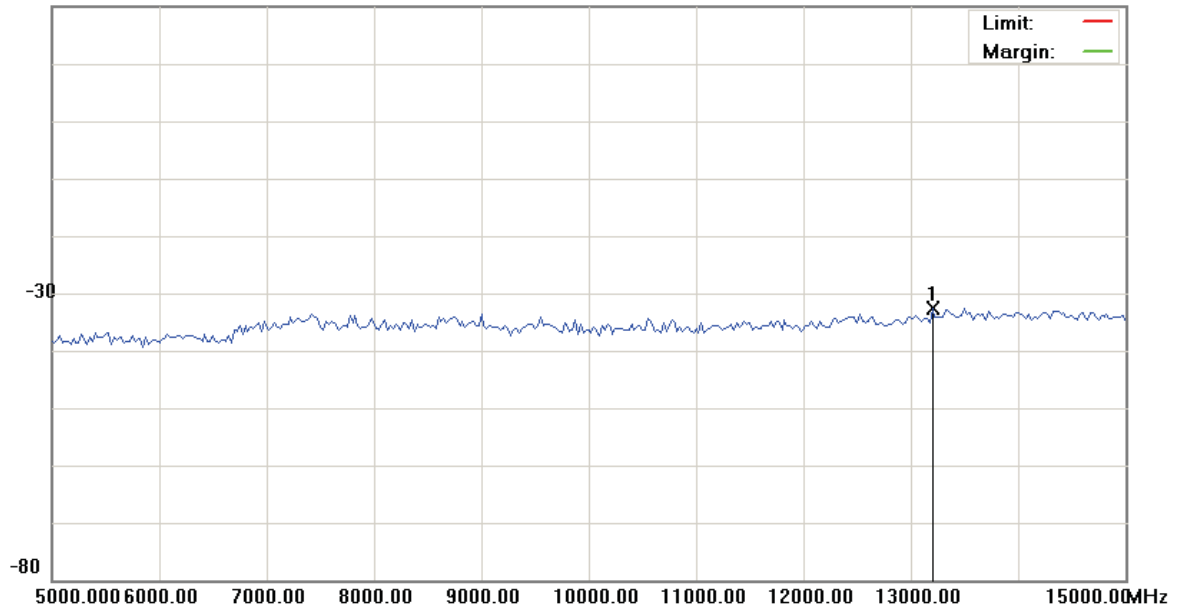
File :CLIC100(BT)

Data :#14

Date: 2009/6/10

Time: 上午 03:21:14

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	13200.00	-39.04	6.50	-32.54			peak		
										Comment

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

●Reference Only



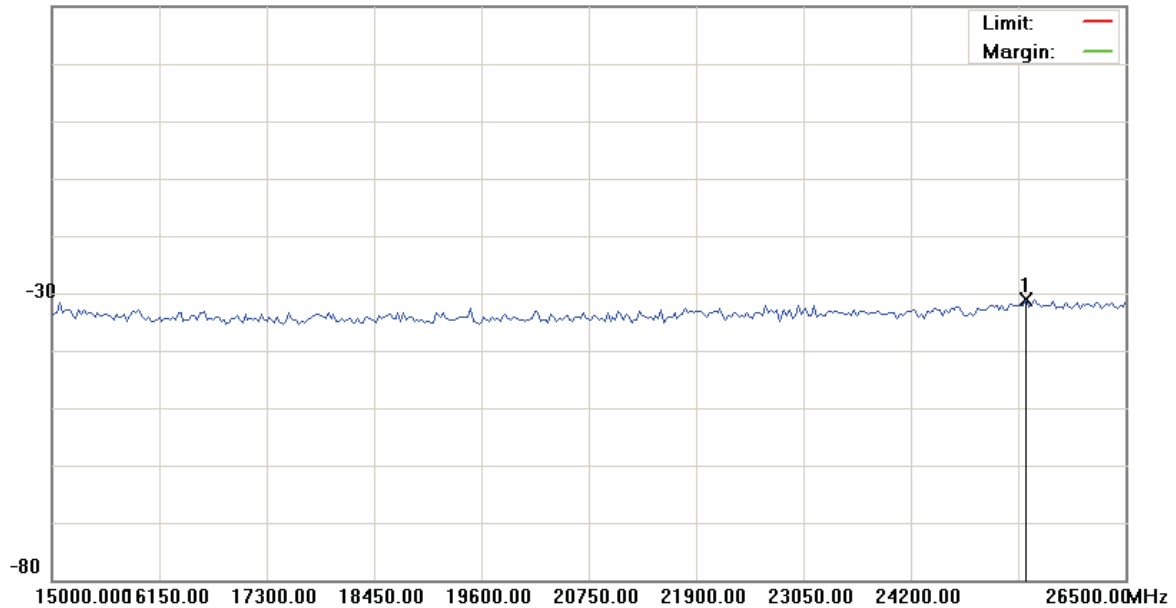
File :CLIC100(BT)

Data :#15

Date: 2009/6/10

Time: 上午 03:21:31

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	25436.25	-37.98	6.96	-31.02			peak		

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

●Reference Only



9.5.2 Bluetooth EDR Mode:

Applicant : HTC Corporation

Model No : CLIC100

EUT : PDA Phone

Test Mode : Bluetooth EDR

Test Date : 06/10/2009

Please refer to next page of detail testing data.



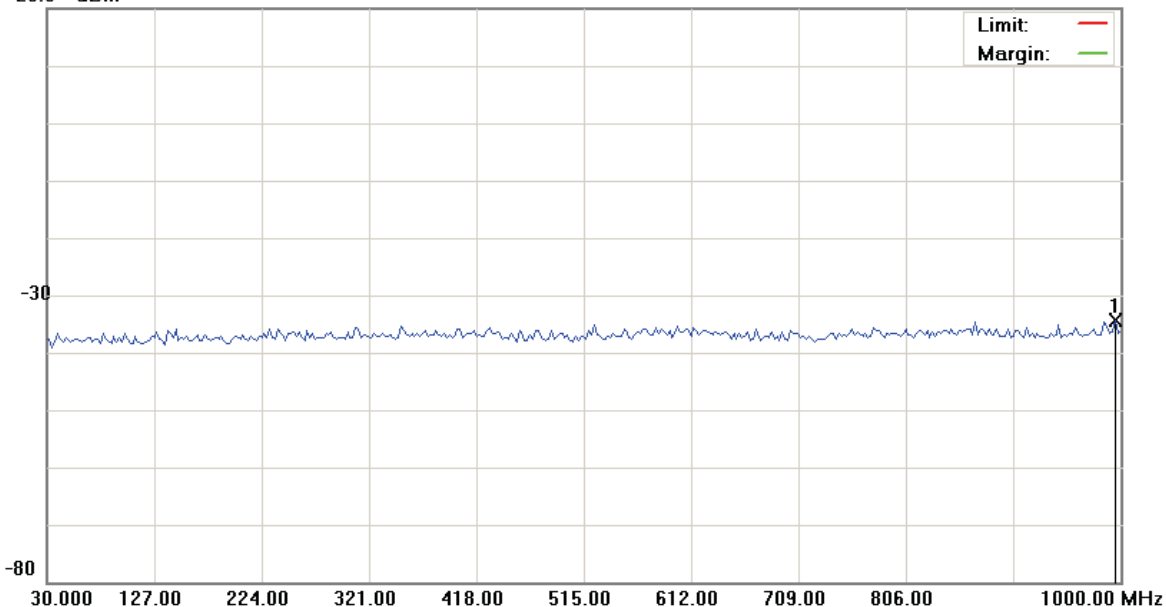
File :CLIC100(BT+EDR)

Data :#1

Date: 2009/6/10

Time: 上午 03:22:59

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	995.1500	-40.51	6.04	-34.47			peak		Comment

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

●Reference Only

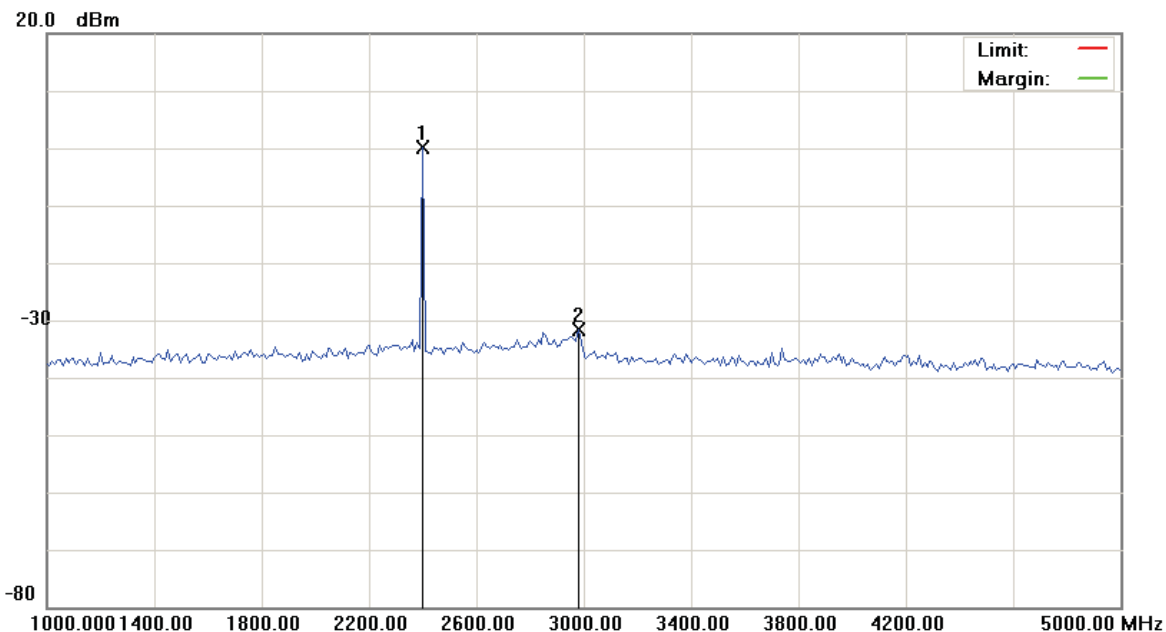


File :CLIC100(BT+EDR)

Data :#2

Date: 2009/6/10

Time: 上午 03:23:17



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2400.000	-6.06	6.09	0.03			peak		
2		2980.000	-37.81	6.11	-31.70			peak		

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

●Reference Only



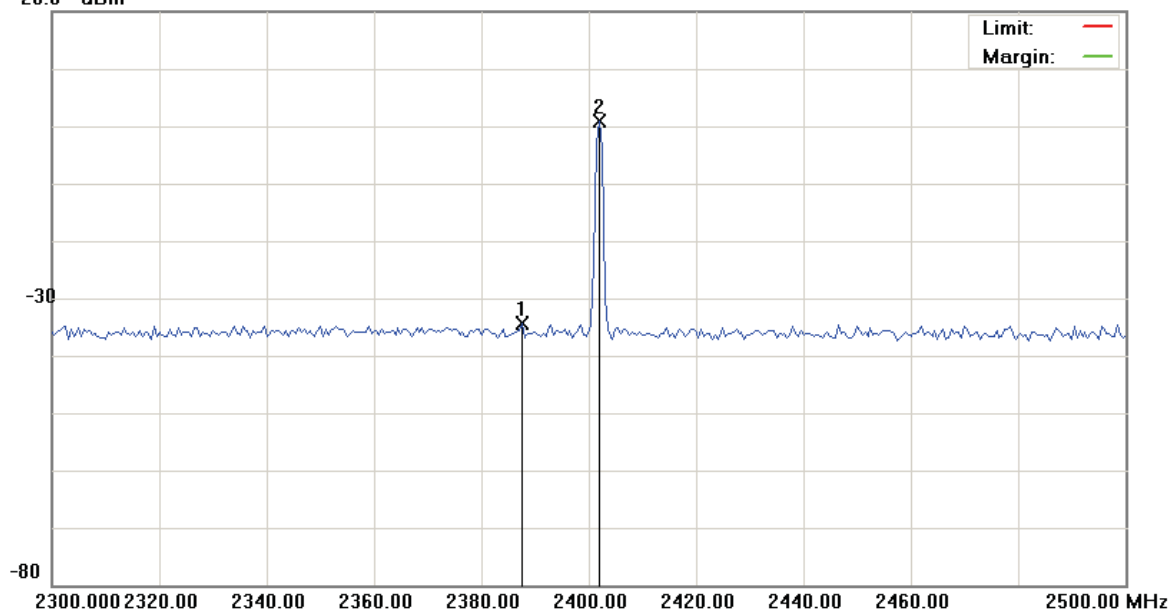
File :CLIC100(BT+EDR)

Data :#3

Date: 2009/6/10

Time: 上午 03:23:34

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2402MHz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBm	dB	dBm	dBm	dB	Detector	cm	degree
1		2387.500	-40.51	6.09	-34.42			peak		
2	*	2402.000	-5.13	6.09	0.96			peak		

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

●Reference Only



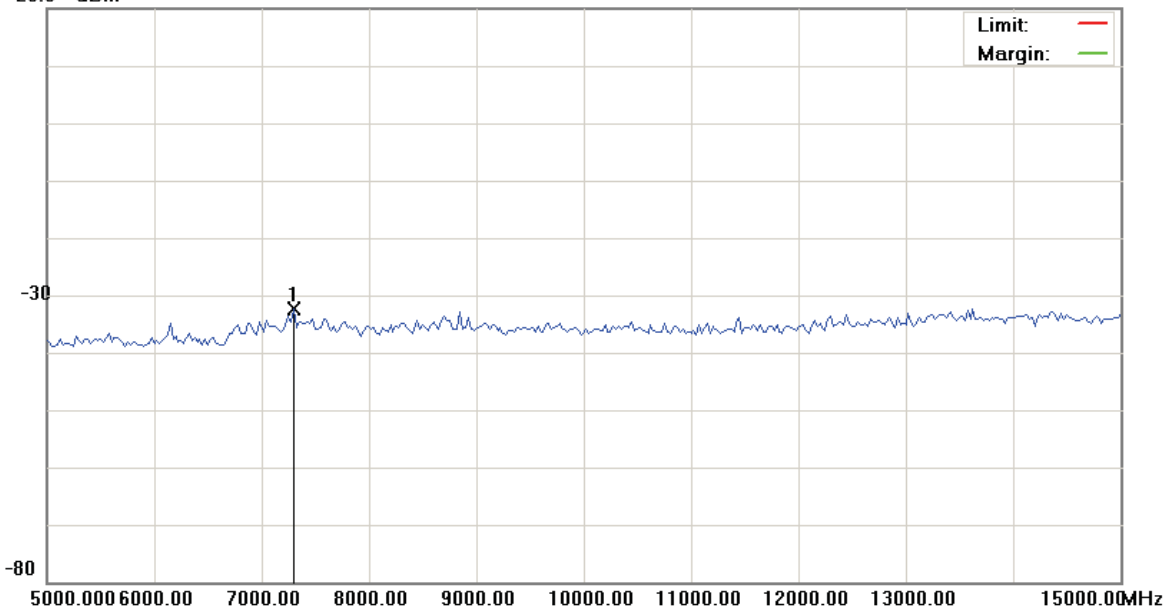
File :CLIC100(BT+EDR)

Data :#4

Date: 2009/6/10

Time: 上午 03:23:52

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	7300.000	-38.55	6.27	-32.28			peak		

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

●Reference Only



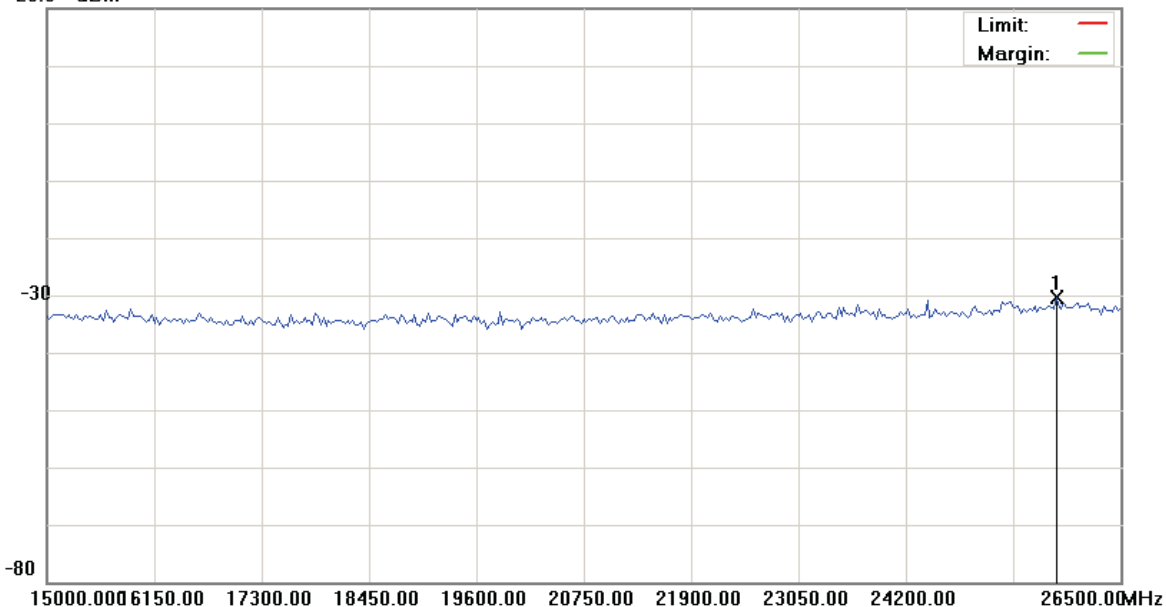
File :CLIC100(BT+EDR)

Data :#5

Date: 2009/6/10

Time: 上午 03:24:10

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2402MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	25810.00	-37.22	6.97	-30.25			peak		

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

●Reference Only



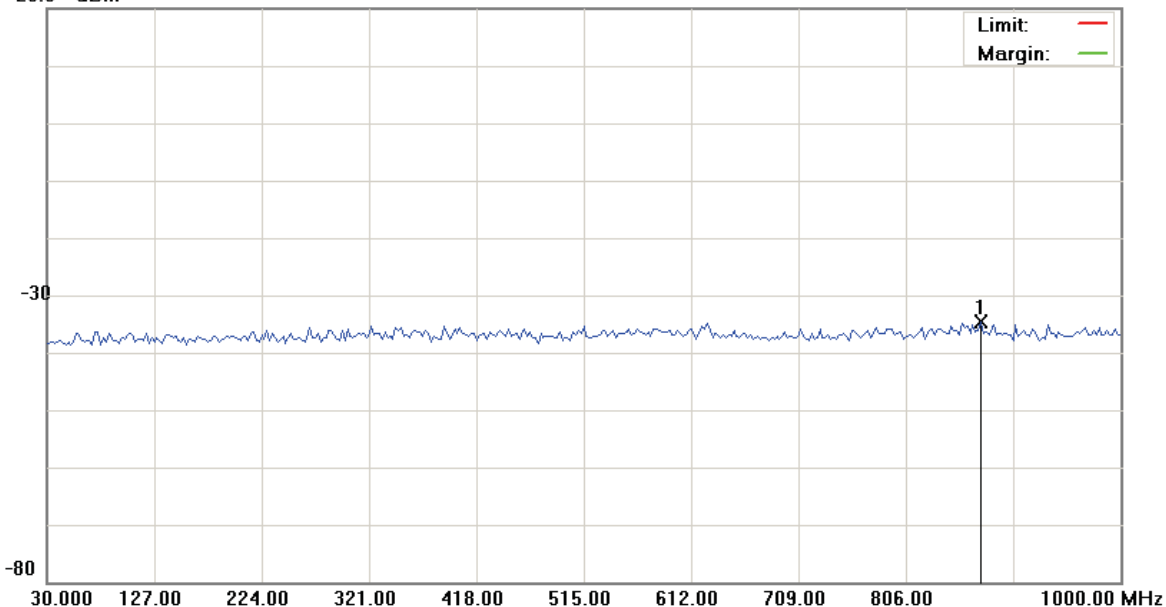
File :CLIC100(BT+EDR)

Data :#6

Date: 2009/6/10

Time: 上午 03:25:12

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	873.9000	-40.67	6.03	-34.64			peak		Comment

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

●Reference Only

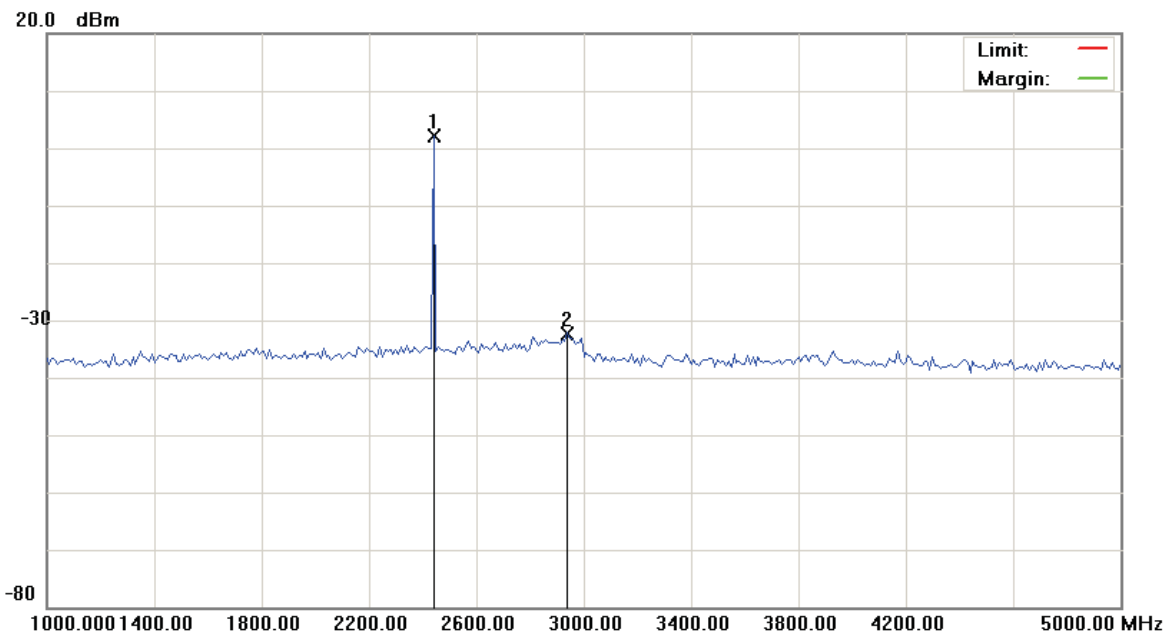


File :CLIC100(BT+EDR)

Data :#7

Date: 2009/6/10

Time: 上午 03:25:29



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2441MHz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2440.000	-4.03	6.09	2.06			peak		Comment
2		2940.000	-38.36	6.11	-32.25			peak		

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

●Reference Only



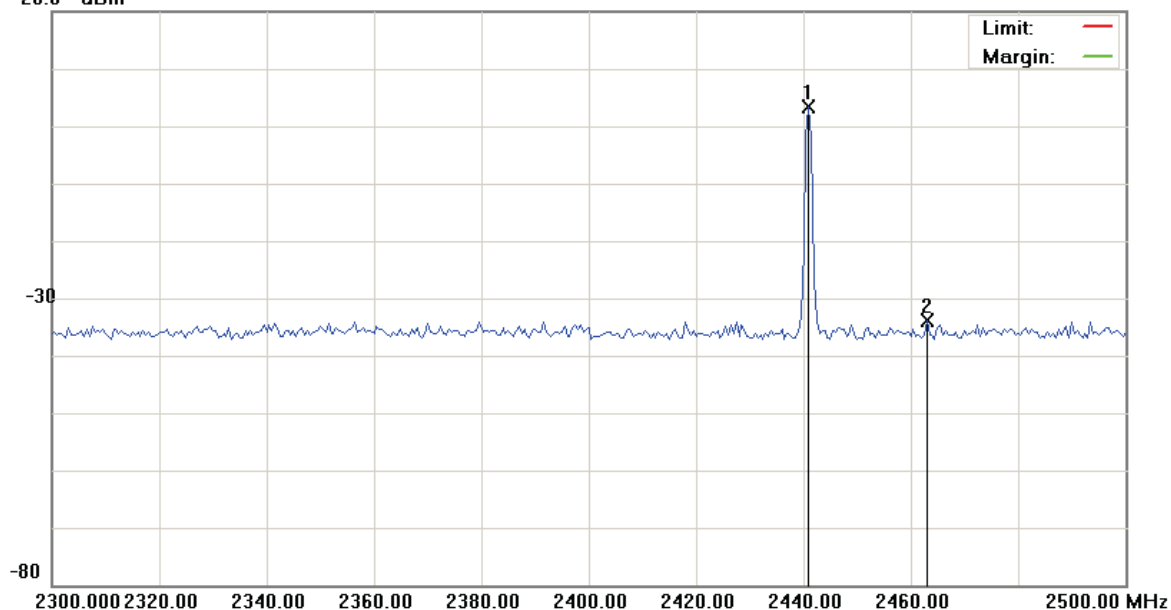
File :CLIC100(BT+EDR)

Data :#8

Date: 2009/6/10

Time: 上午 03:25:47

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2441MHz

No.	Mk.	Freq. MHz	Reading Level dBm	Correct Factor dB	Measure- ment dBm	Limit dBm	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	2441.000	-2.72	6.09	3.37			peak		
2		2463.000	-39.96	6.09	-33.87			peak		

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

●Reference Only

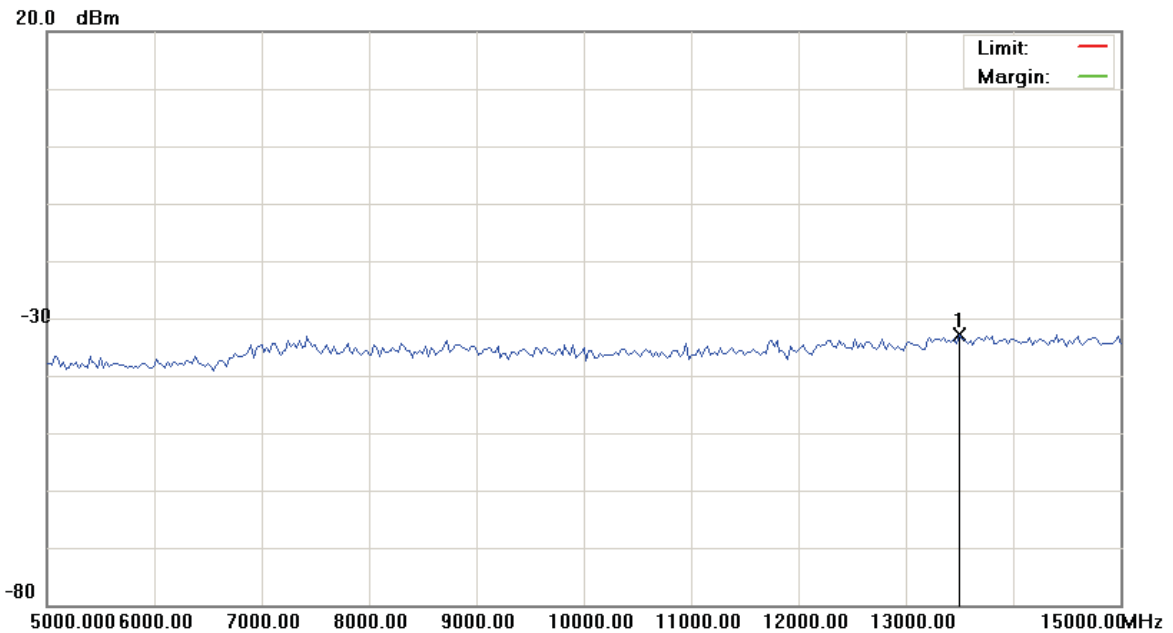


File :CLIC100(BT+EDR)

Data :#9

Date: 2009/6/10

Time: 上午 03:26:04



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	13500.00	-39.34	6.51	-32.83			peak		
										Comment

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

●Reference Only

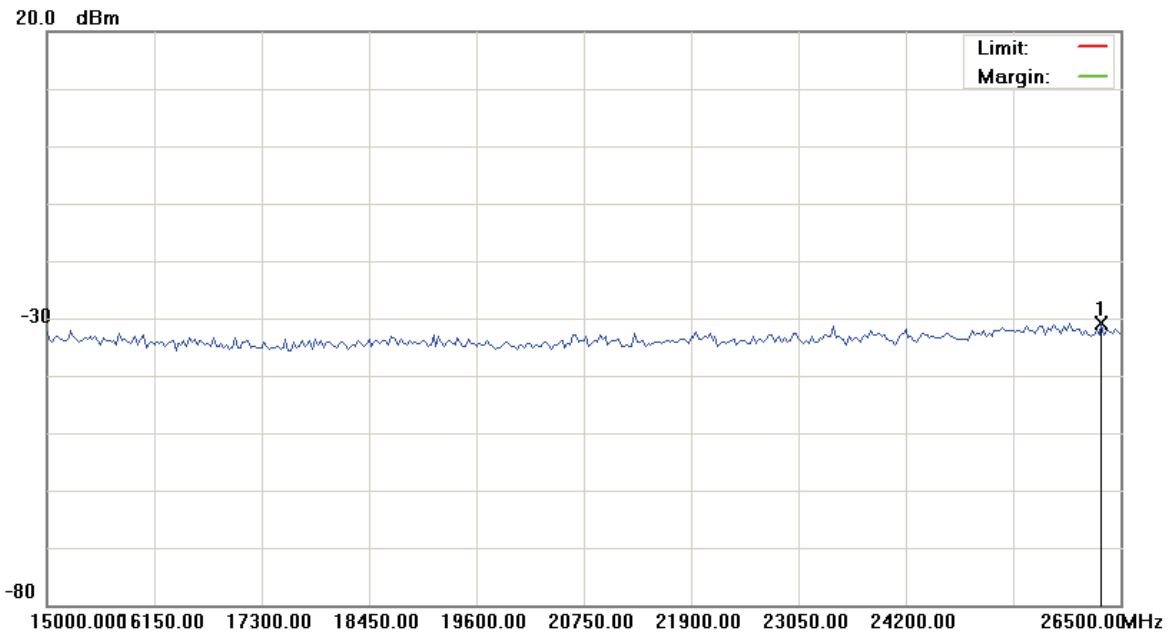


File :CLIC100(BT+EDR)

Data :#10

Date: 2009/6/10

Time: 上午 03:26:21



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2441MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	26298.75	-37.84	6.99	-30.85			peak		

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

●Reference Only



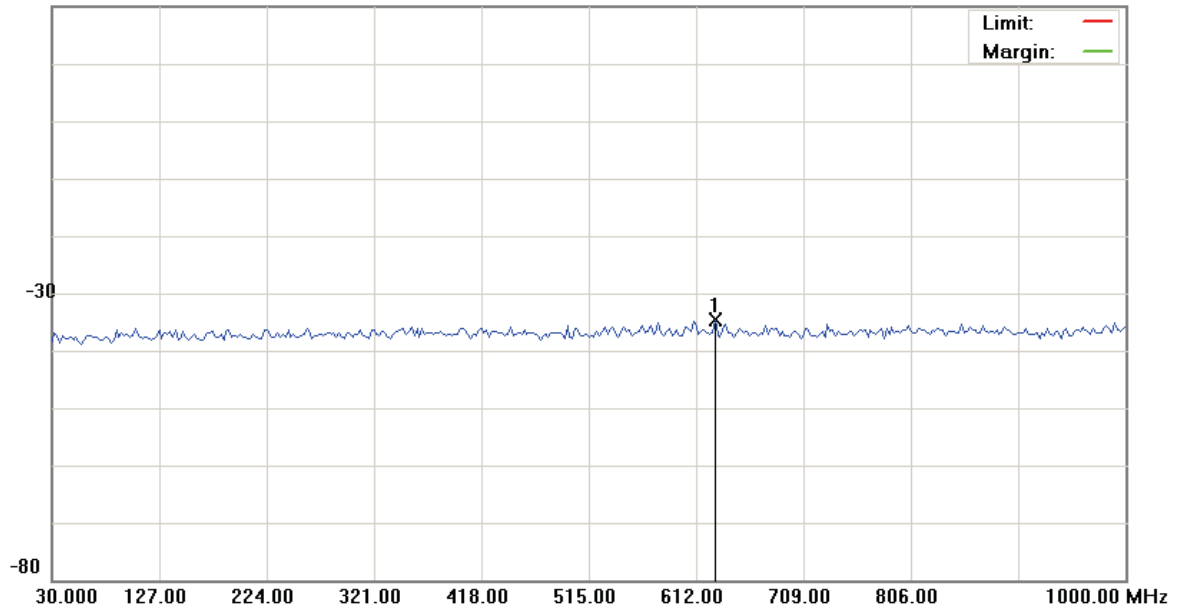
File :CLIC100(BT+EDR)

Data :#11

Date: 2009/6/10

Time: 上午 03:27:08

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	628.9750	-40.69	6.02	-34.67			peak		Comment

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

●Reference Only

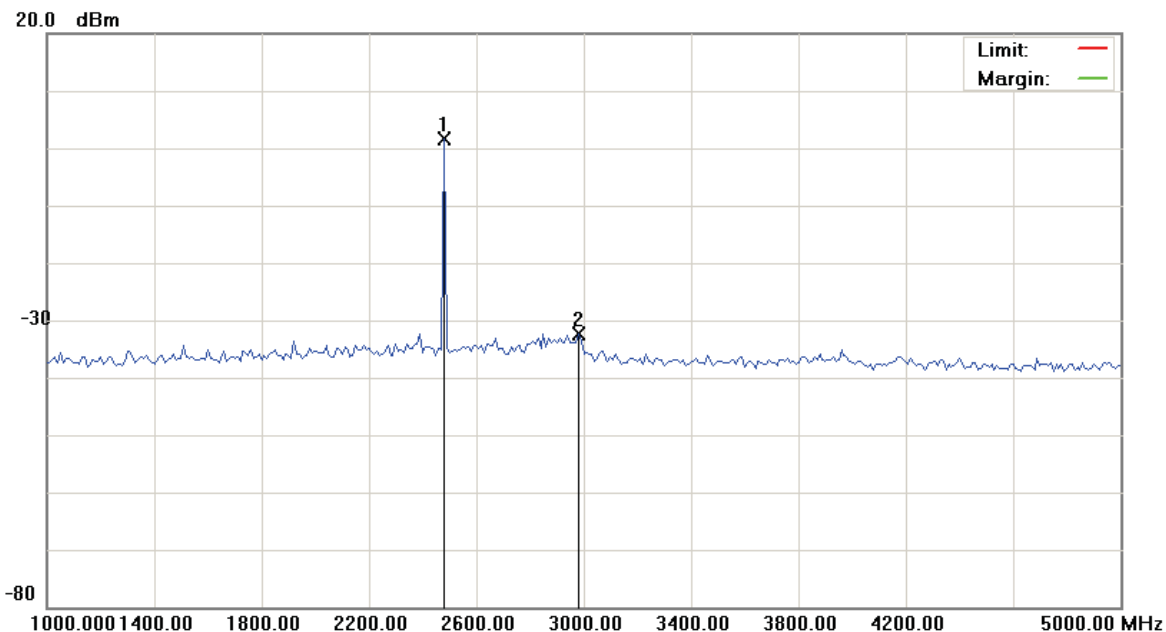


File :CLIC100(BT+EDR)

Data :#12

Date: 2009/6/10

Time: 上午 03:27:26



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	2480.000	-4.57	6.09	1.52			peak		
2		2980.000	-38.53	6.11	-32.42			peak		

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

●Reference Only



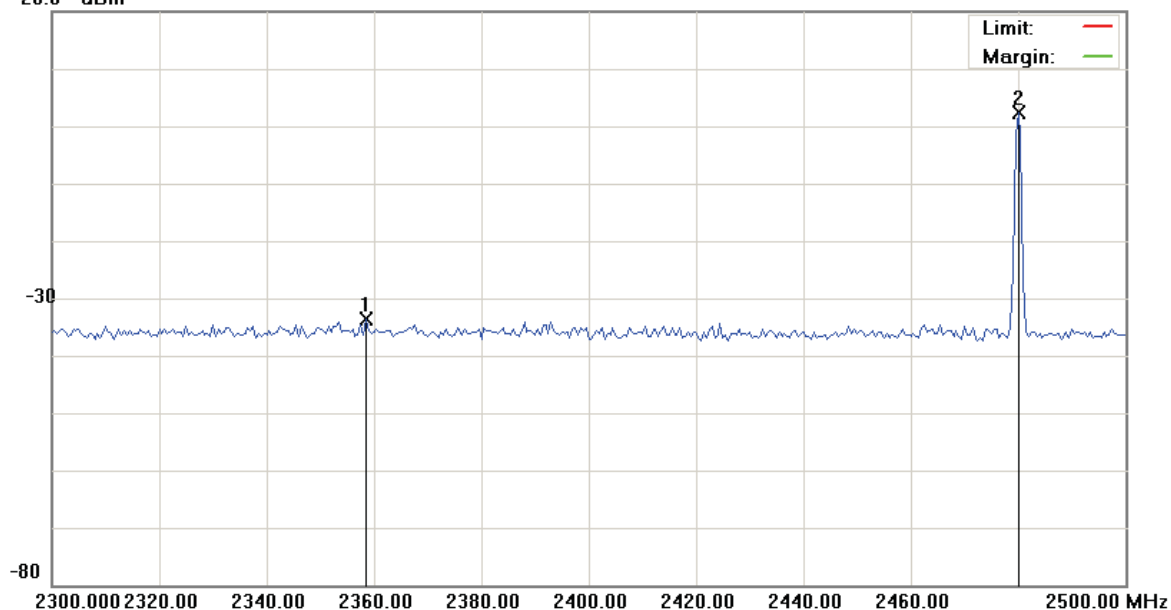
File :CLIC100(BT+EDR)

Data :#13

Date: 2009/6/10

Time: 上午 03:27:43

20.0 dBm



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2480MHz

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBm	dB	dBm	dBm	dB	Detector	cm	degree
1		2358.500	-39.74	6.09	-33.65			peak		Comment
2	*	2480.000	-3.69	6.09	2.40			peak		

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

●Reference Only

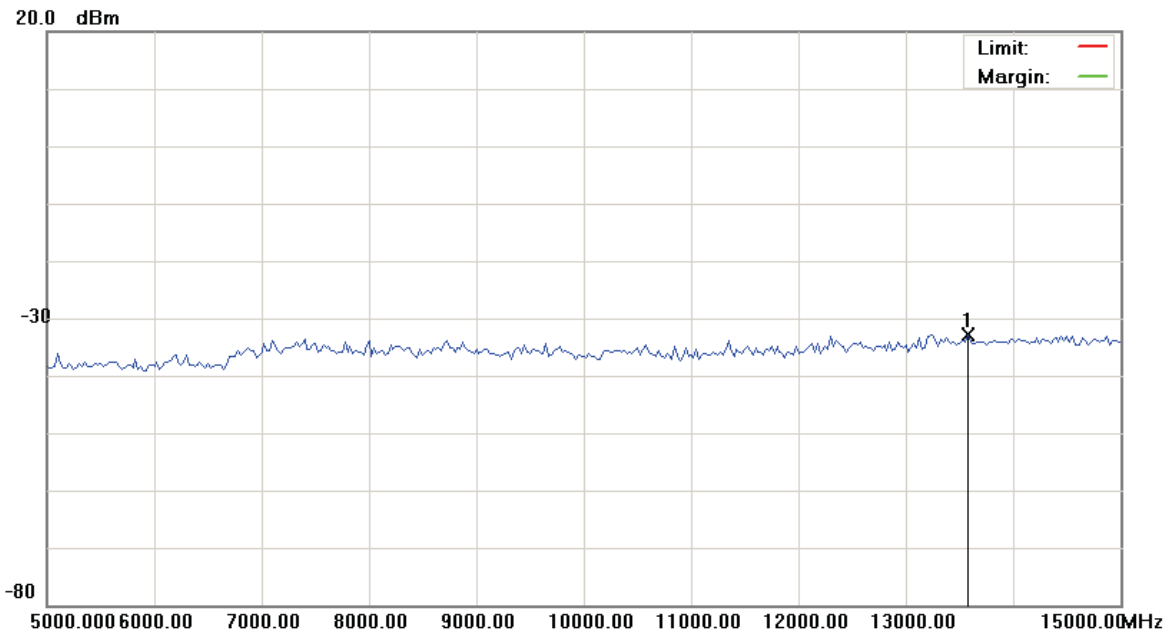


File :CLIC100(BT+EDR)

Data :#14

Date: 2009/6/10

Time: 上午 03:28:00



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	13575.00	-39.42	6.51	-32.91			peak		Comment

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

●Reference Only

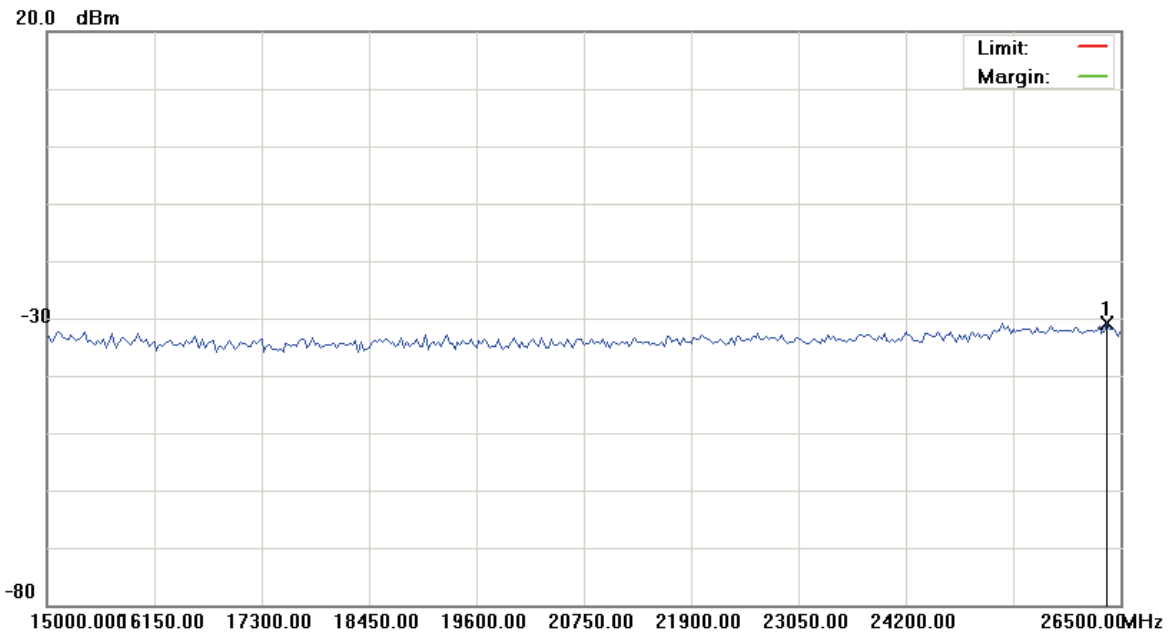


File :CLIC100(BT+EDR)

Data :#15

Date: 2009/6/10

Time: 上午 03:28:18



Site site#1

Polarization:

Temperature: 26 °C

Limit:

Power: AC 110V/60Hz

Humidity: 55 %

EUT:

Distance:

M/N: 09-0141-SEO

Mode: BT+EDR

Note: 2480MHz

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBm	dB	dBm	dBm	dB	Detector	cm	degree
1	*	26356.25	-37.81	6.99	-30.82			peak		

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

●Reference Only

10. Band Edges Requirements

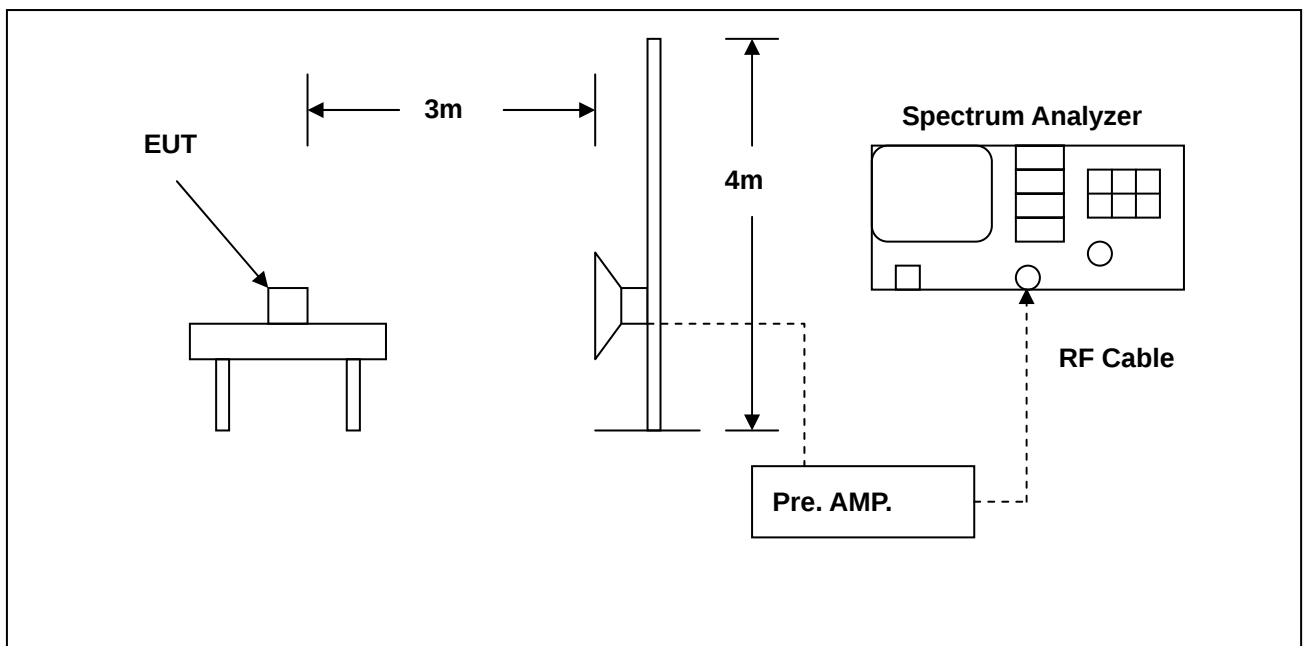
10.1 Test Condition & Setup:

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	Jun. 08, 2009	Jun. 08, 2010
Pre Amplifier	Agilent	8449B	3008A02456	Feb. 19, 2009	Feb. 19, 2010
Horn Antenna	SCHWARZBECK MESS-ELEKTRONIK	BBHA9120D	9120D-550	Jun. 26, 2008	Jun. 26, 2009

10.4 Test Result

10.4.1 Bluetooth 2.0 Mode:

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Bluetooth 2.0 Link Mode _ Low CH & High CH
Test Date : 06/09/2009

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.



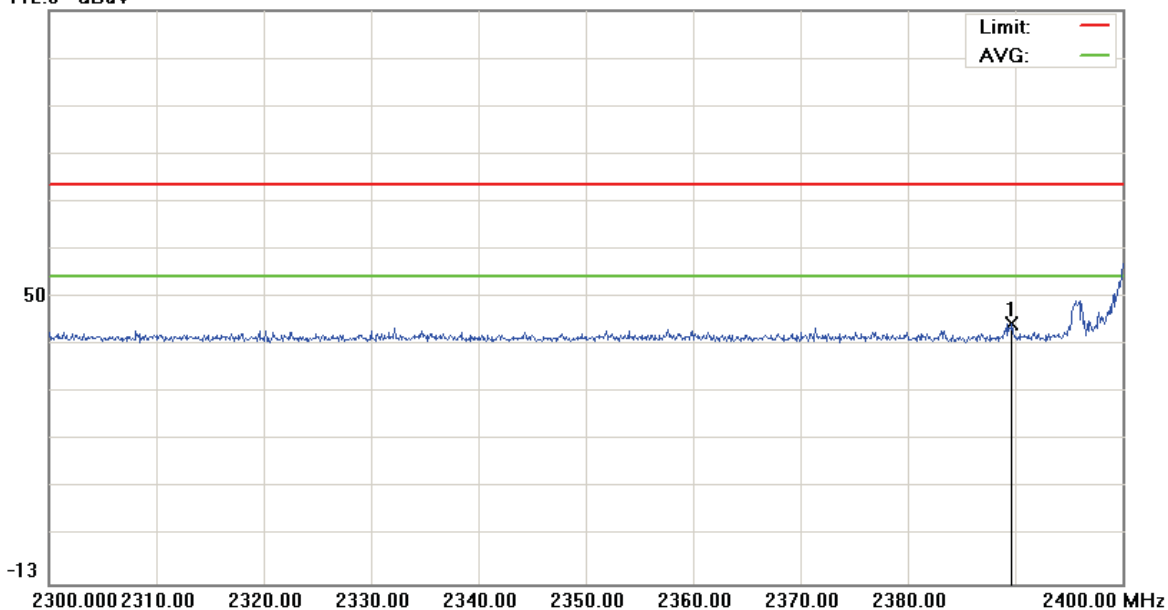
File :CLIC100(Band edge)

Data :#1

Date: 2009/6/9

Time: 下午 04:15:01

112.0 dBuV



Site site#1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT2.0)

Note: CH00(2402MHz) · Antenna 136cm

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	2389.700	43.55	0.19	43.74	74.00	-30.26	peak		

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

●Reference Only



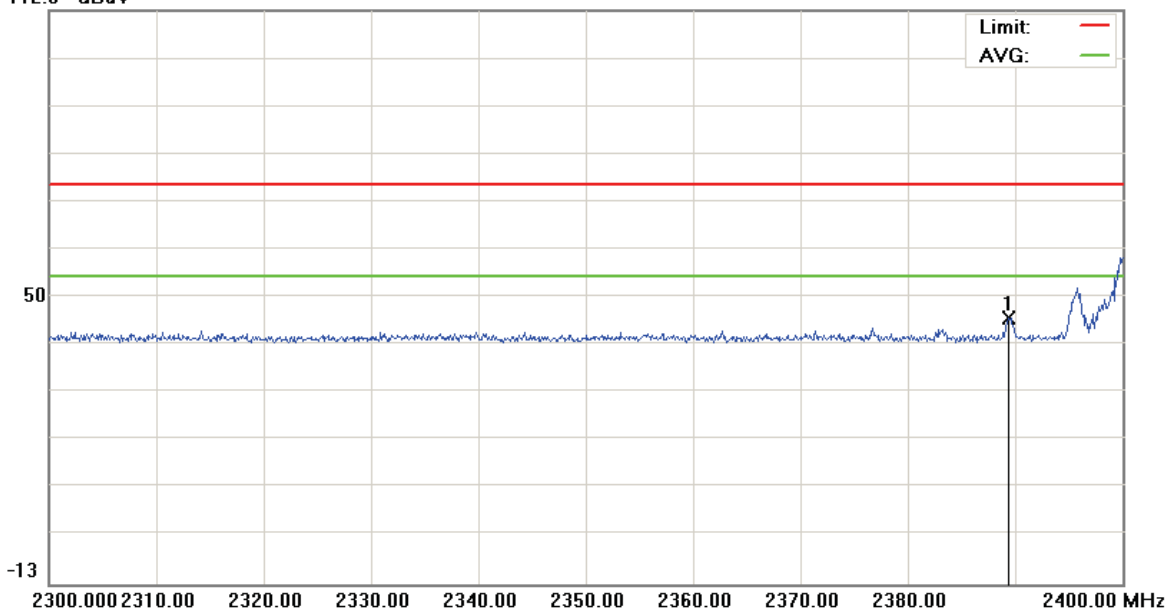
File :CLIC100(Band edge)

Data :#5

Date: 2009/6/9

Time: 下午 05:04:39

112.0 dBuV



Site site#1

Polarization: **Horizontal**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT2.0)

Note: CH00(2402MHz) · Antenna 100cm

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	2389.400	44.91	0.19	45.10	74.00	-28.90	peak		

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

●Reference Only



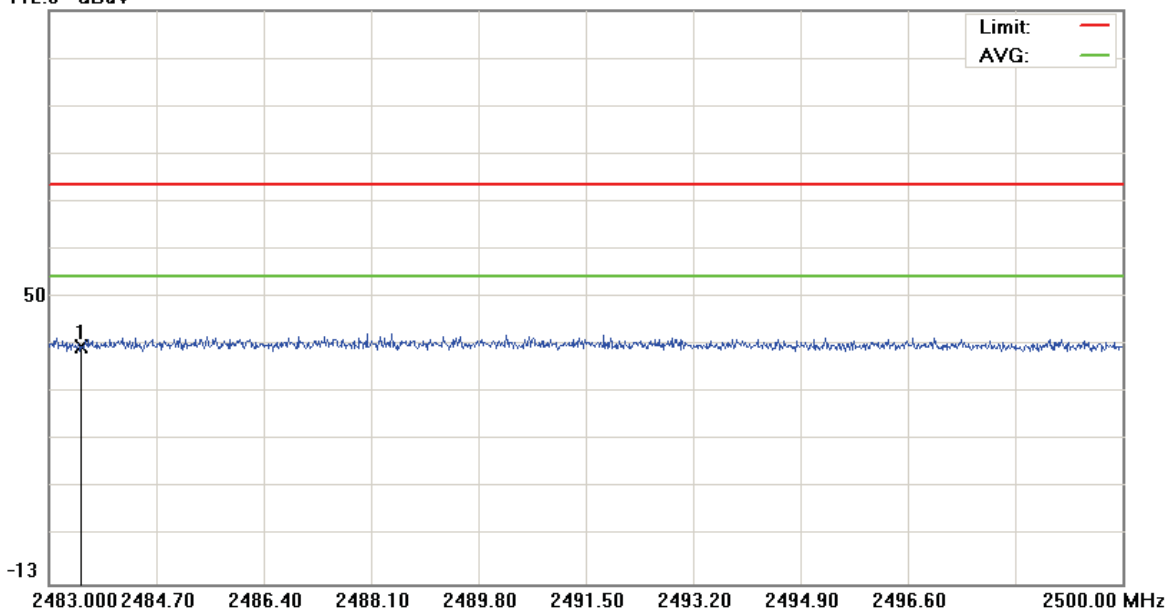
File :CLIC100(Band edge)

Data :#3

Date: 2009/6/9

Time: 下午 04:51:41

112.0 dBuV



Site site#1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT2.0)

Note: CH78(2480MHz) · Antenna 136cm

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV	dBuV	dB	cm	degree	Comment
1	*	2483.500	38.48	0.25	38.73	74.00	-35.27	peak		

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

●Reference Only



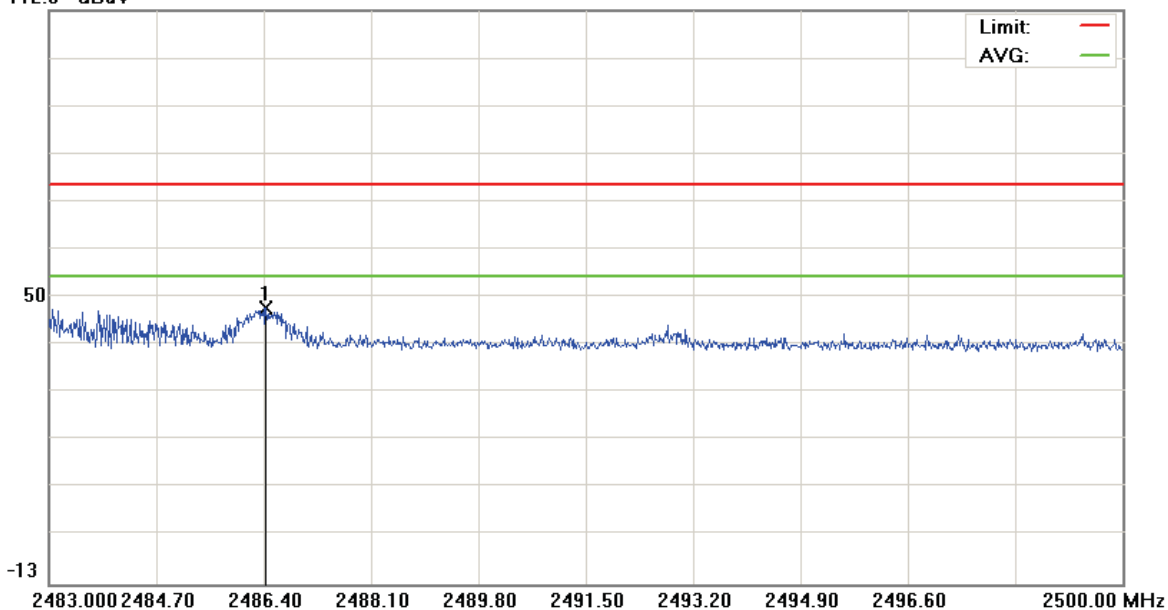
File :CLIC100(Band edge)

Data :#7

Date: 2009/6/9

Time: 下午 05:32:28

112.0 dBuV



Site site#1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT2.0)

Note: CH78(2480MHz) · Antenna 100cm

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Antenna Height cm	Table Degree degree	Comment
1	*	2486.434	46.96	0.24	47.20	74.00	-26.80	peak		

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

●Reference Only



10.4.2 Bluetooth EDR Mode:

Applicant : HTC Corporation
Model No : CLIC100
EUT : PDA Phone
Test Mode : Bluetooth EDR Link Mode _ Low CH & High CH
Test Date : 06/09/2009

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.



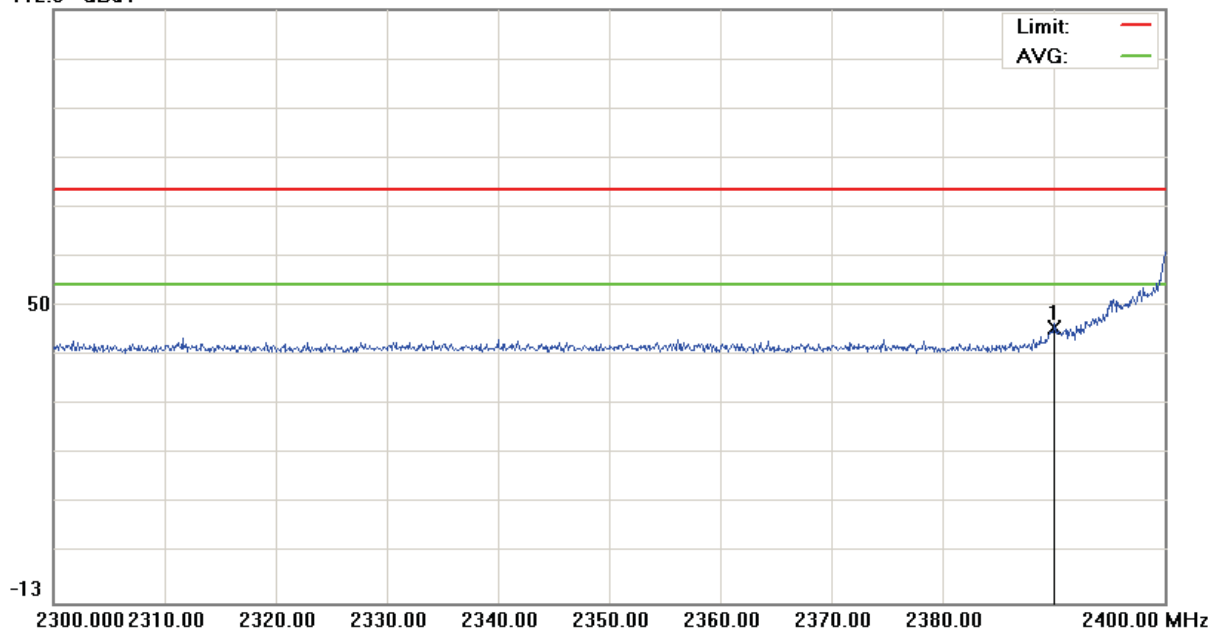
File :CLIC100(Band edge)

Data :#1

Date: 2009/6/9

Time: 下午 04:27:49

112.0 dBuV



Site: site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT+EDR2.0)

Note: CH00(2402MHz) , Antenna 136cm

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2390.000	44.80	0.19	44.99	74.00	-29.01	peak			

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



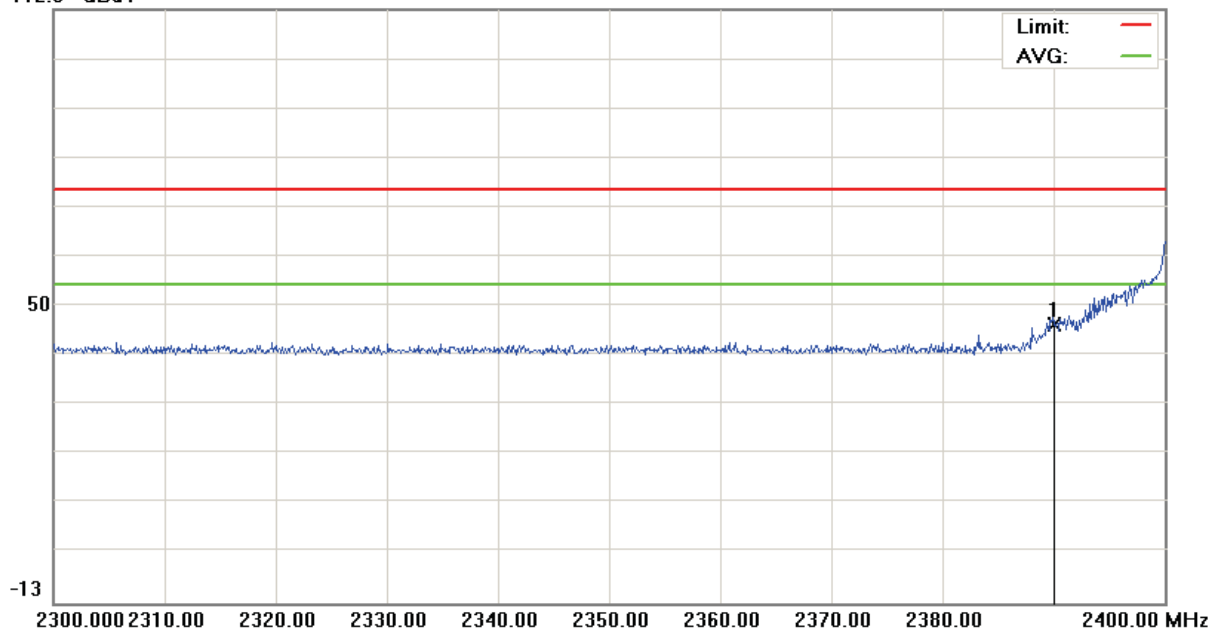
File :CLIC100(Band edge)

Data :#5

Date: 2009/6/9

Time: 下午 05:20:06

112.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT+EDR2.0)

Note: CH00(2402MHz) , Antenna 100cm

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2390.000	45.36	0.19	45.55	74.00	-28.45	peak			

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



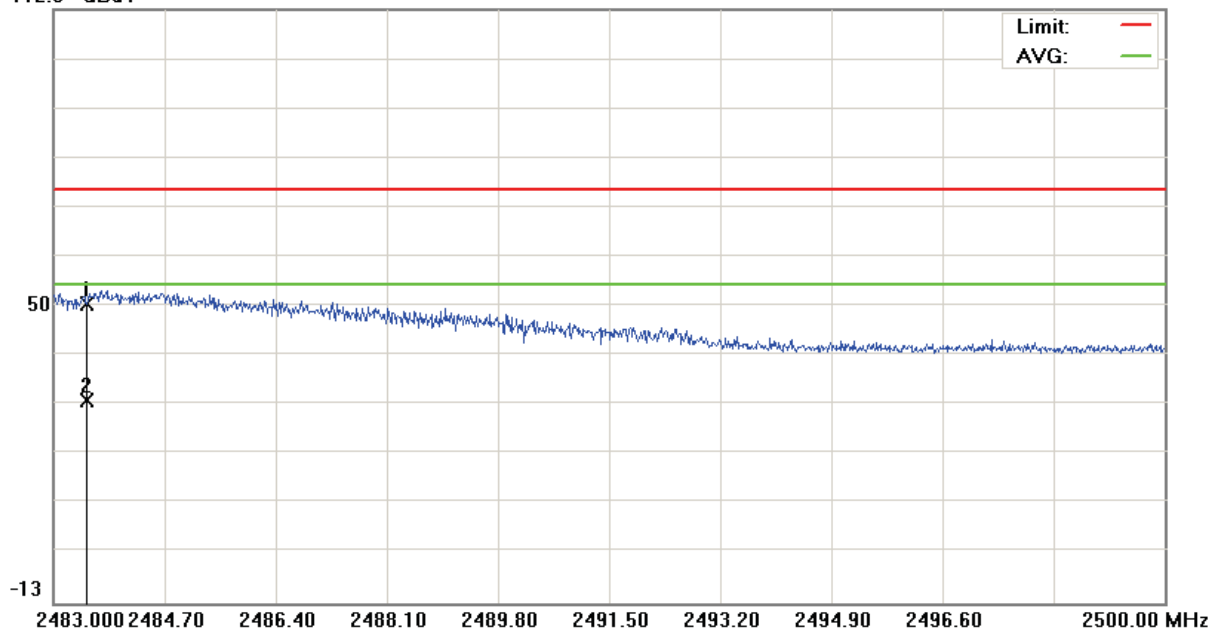
File :CLIC100(Band edge)

Data :#3

Date: 2009/6/9

Time: 下午 04:41:18

112.0 dBuV



Site: site #1

Polarization: **Vertical**

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT+EDR2.0)

Note: CH78(2480MHz) , Antenna 136cm

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2483.500	49.82	0.25	50.07	74.00	-23.93	peak			
2		2483.500	29.39	0.25	29.64	54.00	-24.36	AVG			

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



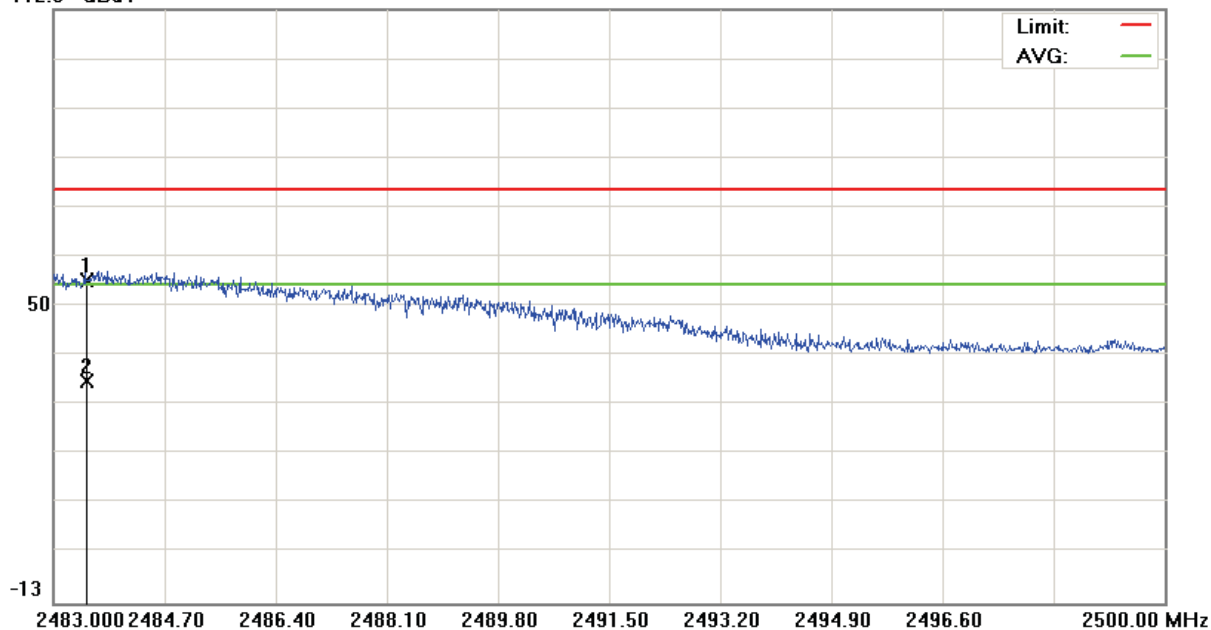
File :CLIC100(Band edge)

Data :#7

Date: 2009/6/9

Time: 下午 05:24:27

112.0 dBuV



Site: site #1

Polarization: *Horizontal*

Temperature: 22 °C

Limit: FCC part 15 (PK)

Power:

Humidity: 60 %

EUT:

Distance: 3m

M/N: 09-0141-SE

Mode: Band edge(BT+EDR2.0)

Note: CH78(2480MHz) , Antenna 100cm

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	2483.500	54.67	0.25	54.92	74.00	-19.08	peak			
2		2483.500	33.35	0.25	33.60	54.00	-20.40	AVG			

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



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.

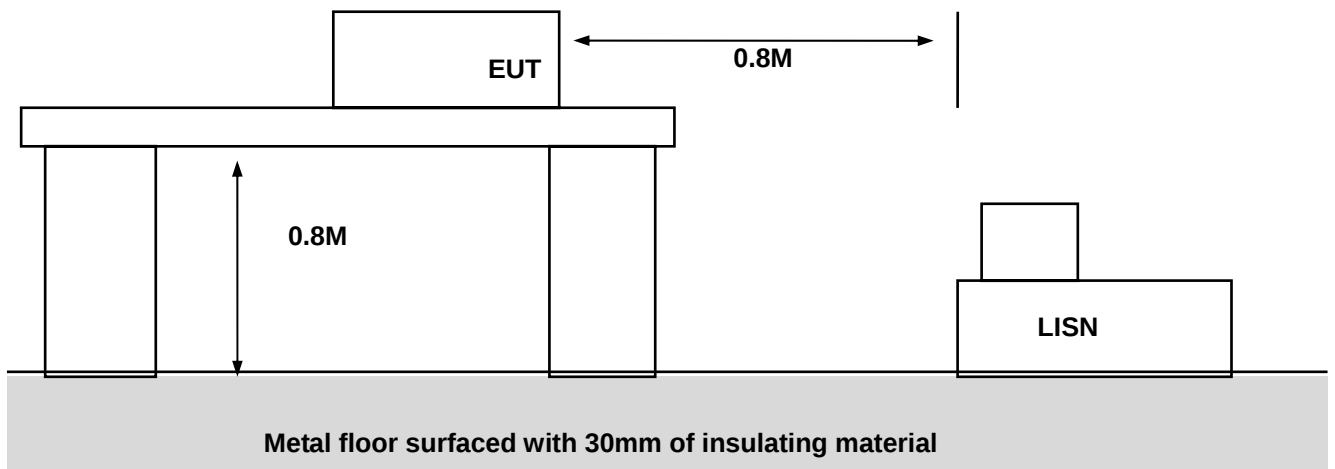
And According to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

11.2 Antenna Connector Construction

The antenna used in this product is Planar Inverted-F Antenna. And the maximum Gain of this antenna is only **1.15**dBi.

Appendix A - EUT Test SETUP

MEASUREMENT OF POWER LINE CONDUCTED RFI VOLTAGE



MEASUREMENT OF RADIATED EMISSION

