



Test Report

Product Name : Lazy pad Bluetooth

Model No. : BSTKPB01, EL-120B

FCC ID. : QYK-120B

Applicant : E-LEAD ELECTRONIC CO., LTD.

Address : NO.37 , GUNGDUNG 1ST RD., SHENGANG, SHIANG,
CHANGHUA 509, TAIWAN, R.O.C.

Date of Receipt : 2009/10/06

Issued Date : 2009/11/05

Report No. : 09A104R-RFUSP43V01

Report Version : V1.0

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Test Report Certification

Issued Date : 2009/11/05

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Address : NO.37 , GUNG DUNG 1ST RD., SHENGANG, SHIANG,
CHANGHUA 509, TAIWAN, R.O.C.

Manufacturer : E-LEAD ELECTRONIC CO., LTD.

Model No. : BSTKPB01, EL-120B

FCC ID. : QYK-120B

Rated Voltage : AC 120V/60Hz

EUT Voltage : DC 5V (Powered by USB)
DC 3.7V (Powered by battery)

Trade Name : Pee Wee, E-LEAD

Applicable Standard : FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2008

Test Result : Complied

The test results relate only to the samples tested.

The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : Sandy Chuang
(Sandy Chuang / Adm. Specialist)

Tested By : Lucia Lu
(Lucia Lu / Engineer)

Approved By : Roy Wang
(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

Product Name	Lazy pad Bluetooth
Trade Name	Pee Wee, E-LEAD
Model No.	BSTKPB01, EL-120B
Frequency Range	2402~2480MHz
Channel Number	79
Type of Modulation	GFSK, $\pi/4$ DQPSK, 8-DPSK
Channel Control	Auto
Antenna Type	Printed
Antenna Gain	-0.45dBi

Component	
USB Cable	Shielded, 1.0m, 2Set

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
Channel 00	2402 MHz	Channel 20	2422 MHz	Channel 40	2442 MHz	Channel 60	2462 MHz
Channel 01	2403 MHz	Channel 21	2423 MHz	Channel 41	2443 MHz	Channel 61	2463 MHz
Channel 02	2404 MHz	Channel 22	2424 MHz	Channel 42	2444 MHz	Channel 62	2464 MHz
Channel 03	2405 MHz	Channel 23	2425 MHz	Channel 43	2445 MHz	Channel 63	2465 MHz
Channel 04	2406 MHz	Channel 24	2426 MHz	Channel 44	2446 MHz	Channel 64	2466 MHz
Channel 05	2407 MHz	Channel 25	2427 MHz	Channel 45	2447 MHz	Channel 65	2467 MHz
Channel 06	2408 MHz	Channel 26	2428 MHz	Channel 46	2448 MHz	Channel 66	2468 MHz
Channel 07	2409 MHz	Channel 27	2429 MHz	Channel 47	2449 MHz	Channel 67	2469 MHz
Channel 08	2410 MHz	Channel 28	2430 MHz	Channel 48	2450 MHz	Channel 68	2470 MHz
Channel 09	2411 MHz	Channel 29	2431 MHz	Channel 49	2451 MHz	Channel 69	2471 MHz
Channel 10	2412 MHz	Channel 30	2432 MHz	Channel 50	2452 MHz	Channel 70	2472 MHz
Channel 11	2413 MHz	Channel 31	2433 MHz	Channel 51	2453 MHz	Channel 71	2473 MHz
Channel 12	2414 MHz	Channel 32	2434 MHz	Channel 52	2454 MHz	Channel 72	2474 MHz
Channel 13	2415 MHz	Channel 33	2435 MHz	Channel 53	2455 MHz	Channel 73	2475 MHz
Channel 14	2416 MHz	Channel 34	2436 MHz	Channel 54	2456 MHz	Channel 74	2476 MHz
Channel 15	2417 MHz	Channel 35	2437 MHz	Channel 55	2457 MHz	Channel 75	2477 MHz
Channel 16	2418 MHz	Channel 36	2438 MHz	Channel 56	2458 MHz	Channel 76	2478 MHz
Channel 17	2419 MHz	Channel 37	2439 MHz	Channel 57	2459 MHz	Channel 77	2479 MHz
Channel 18	2420 MHz	Channel 38	2440 MHz	Channel 58	2460 MHz	Channel 78	2480 MHz
Channel 19	2421 MHz	Channel 39	2441 MHz	Channel 59	2461 MHz		

The system receivers have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shift frequencies in synchronization with the transmitted signals. Frequency hopping spread spectrum systems are not required to employ all available hopping channels during each transmission. The transmitter is presented with a continuous data stream. In addition, a system employing short transmission bursts must comply with the definition of a frequency hopping system and must distribute its 79 channels and over the minimum number of hopping channels (75 channels).

The incorporation of intelligence within a frequency hopping spread spectrum system that permits the system to recognize other users within the spectrum band so that it individually and independently chooses and adapts its hop sets to avoid hopping on occupied channels is permitted. The coordination of frequency hopping systems in any other manner for the express purpose of avoiding the simultaneous occupancy of individual hopping frequencies by multiple transmitters is not permitted.

Note:

1. This device is a Lazy pad Bluetooth included a 2.4GHz receiving function, and 2.4GHz transmitting function.
2. The different of the each model is shown as below:

Model No.	Trade Name
BSTKPB01	Pee Wee
EL-120B	E-LEAD

3. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
4. Regards to the frequency band operation; the lowest 、 middle and highest frequency of channel were selected to perform the test, and then shown on this report.

This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 09A104R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different modulations to determine the worst case condition, base on EUT's peak output power level. After evaluated, EUT with GFSK modulation has highest peak output power level which means that GFSK modulation is the worst condition. The following table is the final test mode.

Pre-Test Mode	
EMI	Mode 1: Transmit
Final Test Mode	
EMI	Mode 1: Transmit

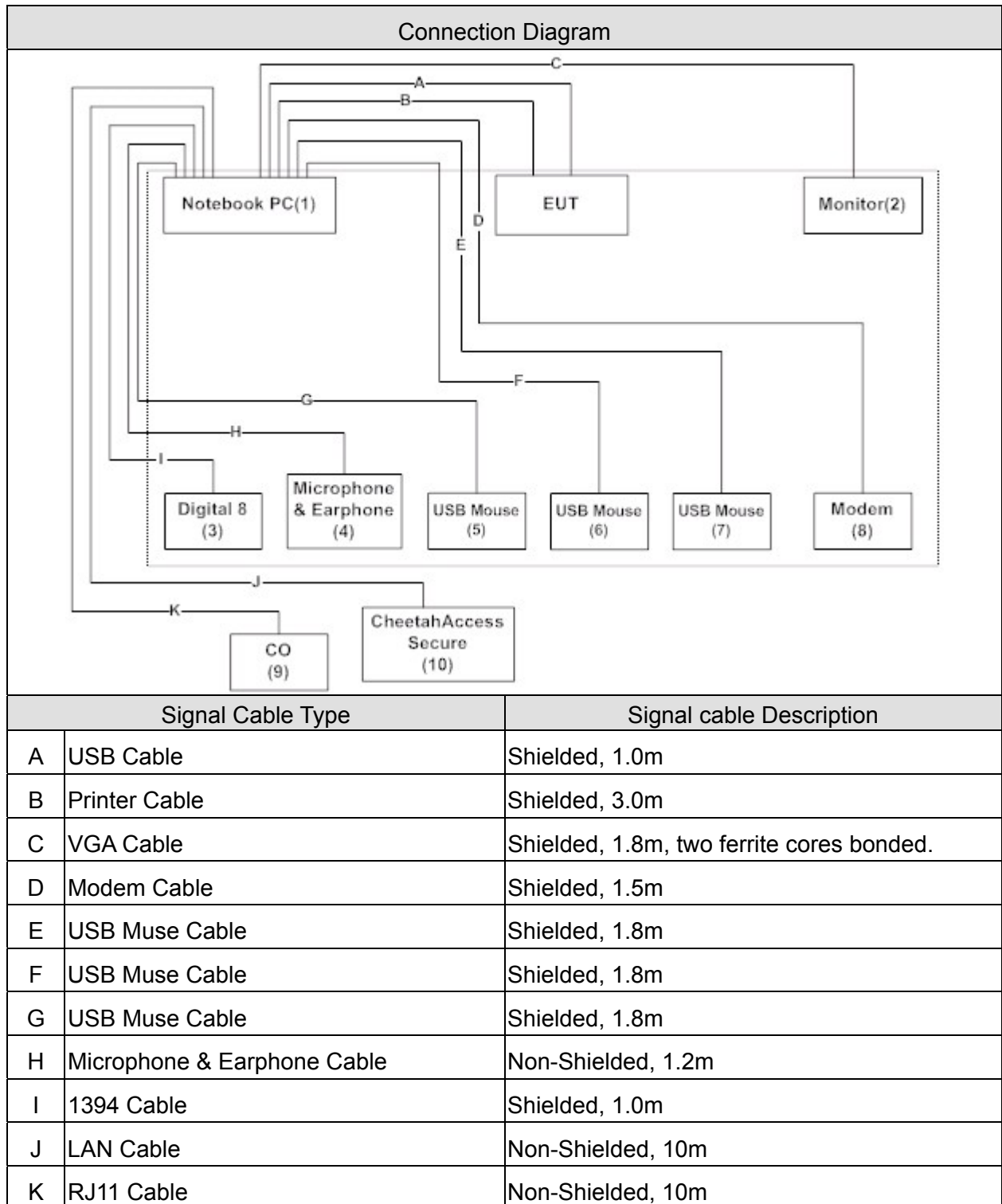
Test Items	Modulation		
	GFSK	$\pi/4$ -DQPSK	8-DPSK
Conducted Emission	✓	--	--
Peak Power Output	✓	✓	✓
Radiated Emission	✓	--	--
Band Edge	✓	--	--
Channel of Number	✓	--	--
Channel Separation	✓	--	--
Occupied Bandwidth	✓	✓	✓
Dwell Time	✓	--	--

1.4. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	HP Compaq	NX6320FF	CNU7020BXT	DoC	Non-shielded, 1.8m
2	Monitor	CHI MEI	A170E1-09	3UC120955CA0101	DoC	Non-shielded, 1.8m
3	Digital 8	SONY	DCR-TRV110	P35209	DoC	--
4	Microphone & Earphone	Fujiei	SBZ-38	N/A	DoC	--
5	USB Mouse	SANYO	SYMS-M8	N/A	DoC	--
6	USB Mouse	Logitech	M-UV83	LZE35006065	DoC	--
7	USB Mouse	Logitech	M-UV83	LZE35006044	DoC	--
8	Modem	ACEEX	DM-1414	0102027544	DoC	Non-shielded, 1.6m
9	CO	D-Link	DAS-3224	N/A	DoC	--
10	CheetahAccess Secure	Accton	AC-IG1104	N/A	DoC	Non-shielded, 1.8m

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5.
2	Turn on the power of all equipment.
3	The EUT will play the function from Bluetooth program.
4	Verify the model operation.
5	Repeat the above procedure (3) to (4).

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 B 15.207 Conducted Emission	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	58
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.209 Radiated Emission (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	54
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Channel Of Number (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	53
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Channel Separation (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	54
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (FHSS)	15 - 35	24
Humidity (%RH)		25 - 75	57
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Dwell Time (FHSS)	15 - 35	25
Humidity (%RH)		25 - 75	58
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2010



Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2010



March 23, 2008 Accreditation on DNV
Statement No. : 413-99-LAB11



March 27, 2008 Accreditation on TÜV Rheinland
Certificate No.: 10011438-2-2008



October 31, 2007 Accreditation on Nemko
Certificate No.: ELA 165



Site Name: Quietek Corporation

Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-5928858 / FAX : 886-3-5928859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

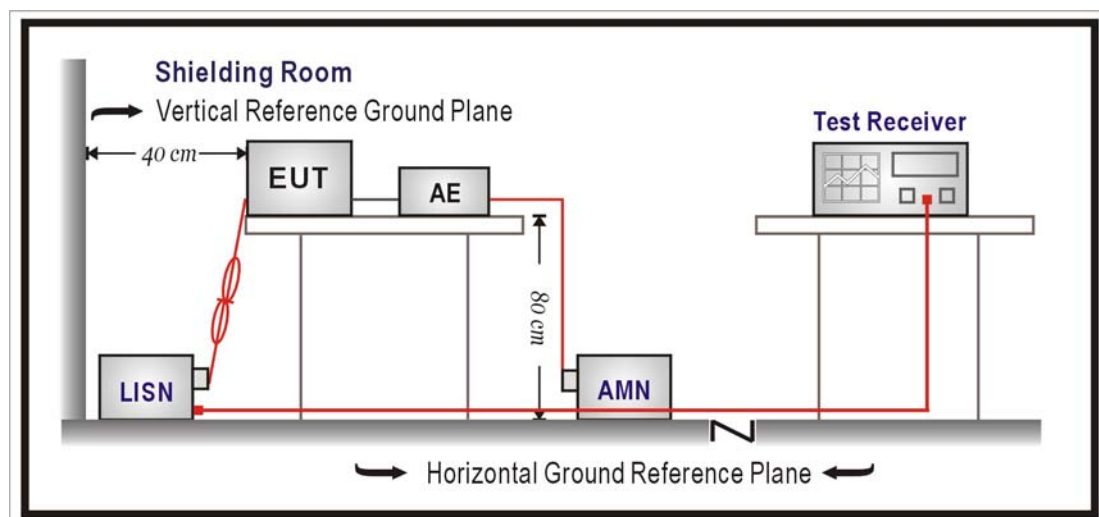
The following test equipment are used during the test:

Conducted Emission / SR3

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
4-Wire ISN	R & S	ENY 41	837032/001	2009/04/15
Double 2-Wire ISN	R & S	ENY 22	835354/008	2009/04/15
LISN	R&S	ESH3-Z5	836679/022	2009/06/17
LISN	R & S	ESH3-Z5	836679/013	2008/12/30
Pulse Limiter	R & S	ESH3-Z2	100411	2008/11/16
Test Receiver	R & S	ESCS 30	100149	2008/11/15

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50 - 5.0	56	46
5.0 - 30	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

The EUT was setup and tested according to ANSI C63.4, 2003.

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement.

Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Specification

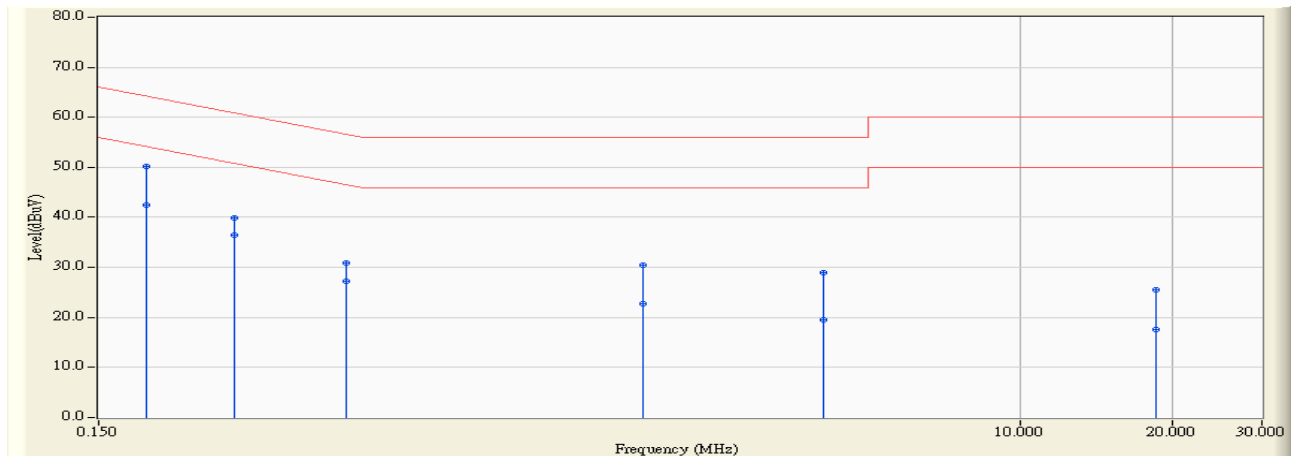
According to FCC Part 15 Subpart C Paragraph 15.207: 2008

2.6. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.7. Test Result

Site : SR3	Time : 2009/09/30 - 17:25
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A) - Line1	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX

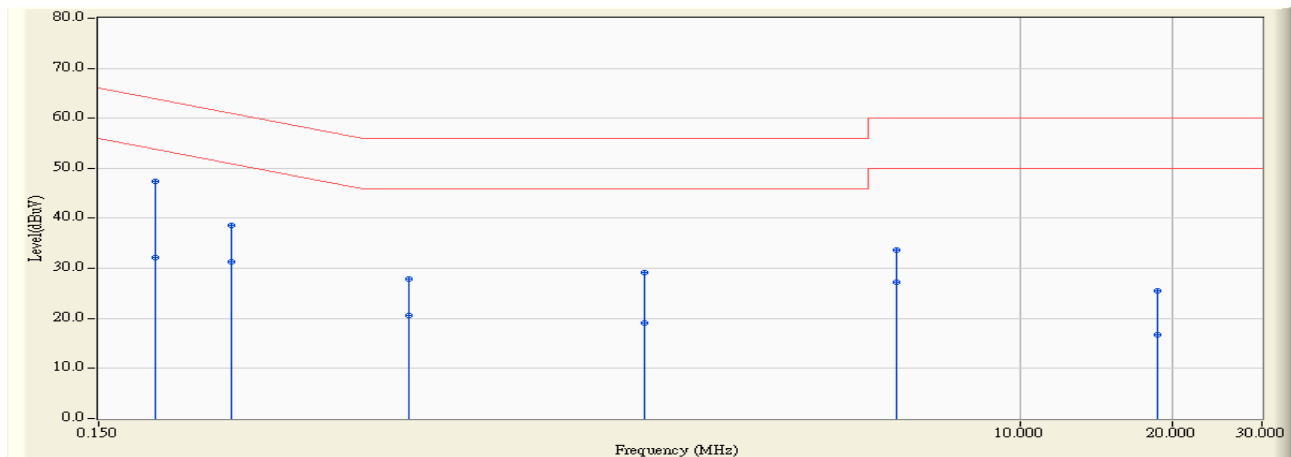


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.186	9.676	40.595	50.271	-13.942	64.213	QUASIPeAK
2	*	0.186	9.676	32.698	42.374	-11.840	54.213	AVERAGE
3		0.278	9.778	30.194	39.972	-20.904	60.875	QUASIPeAK
4		0.278	9.778	26.601	36.379	-14.497	50.875	AVERAGE
5		0.462	9.871	21.082	30.952	-25.704	56.657	QUASIPeAK
6		0.462	9.871	17.297	27.167	-19.490	46.657	AVERAGE
7		1.786	9.899	20.557	30.456	-25.544	56.000	QUASIPeAK
8		1.786	9.899	12.917	22.816	-23.184	46.000	AVERAGE
9		4.066	9.917	19.069	28.986	-27.014	56.000	QUASIPeAK
10		4.066	9.917	9.527	19.444	-26.556	46.000	AVERAGE
11		18.510	10.170	15.288	25.458	-34.542	60.000	QUASIPeAK
12		18.510	10.170	7.329	17.499	-32.501	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : SR3	Time : 2009/09/30 - 17:28
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR3_LISN(16A) - Line2	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.194	9.608	37.894	47.501	-16.362	63.864	QUASIPeAK
2		0.194	9.608	22.458	32.065	-21.798	53.864	AVERAGE
3		0.274	9.670	28.936	38.607	-22.389	60.996	QUASIPeAK
4		0.274	9.670	21.579	31.249	-19.746	50.996	AVERAGE
5		0.618	9.810	18.115	27.924	-28.076	56.000	QUASIPeAK
6		0.618	9.810	10.829	20.638	-25.362	46.000	AVERAGE
7		1.802	9.834	19.314	29.148	-26.852	56.000	QUASIPeAK
8		1.802	9.834	9.278	19.112	-26.888	46.000	AVERAGE
9		5.678	9.890	23.852	33.743	-26.257	60.000	QUASIPeAK
10		5.678	9.890	17.343	27.233	-22.767	50.000	AVERAGE
11		18.674	10.264	15.261	25.524	-34.476	60.000	QUASIPeAK
12		18.674	10.264	6.378	16.642	-33.358	50.000	AVERAGE

Note:

1. All Reading Levels are Quasi-Peak and average value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

3. Peak Power Output

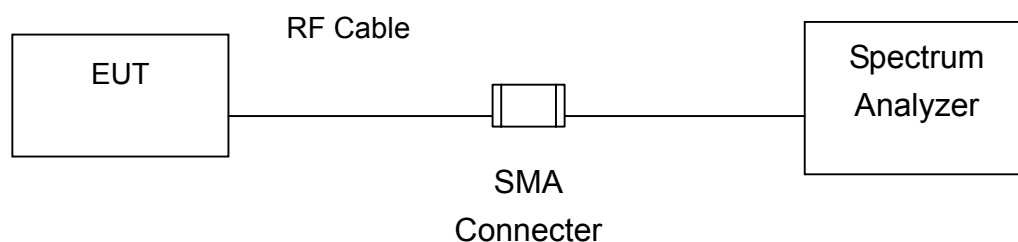
3.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R&S	FSP/ 100005	Oct., 2009
2	No.1 OATS			Sep., 2009

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

3.2. Test Setup



3.3. Test procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

3.4. Limits

For frequency hopping systems operating in the 902-928 MHz band: 1 Watt for systems employing at least 50 hopping channels; and, 0.25 Watts for systems employing less than 50 hopping channels.

For frequency hopping systems in the 2400-2483.5 MHz band employing at least 75 hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1Watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 Watt.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

3.6. Uncertainty

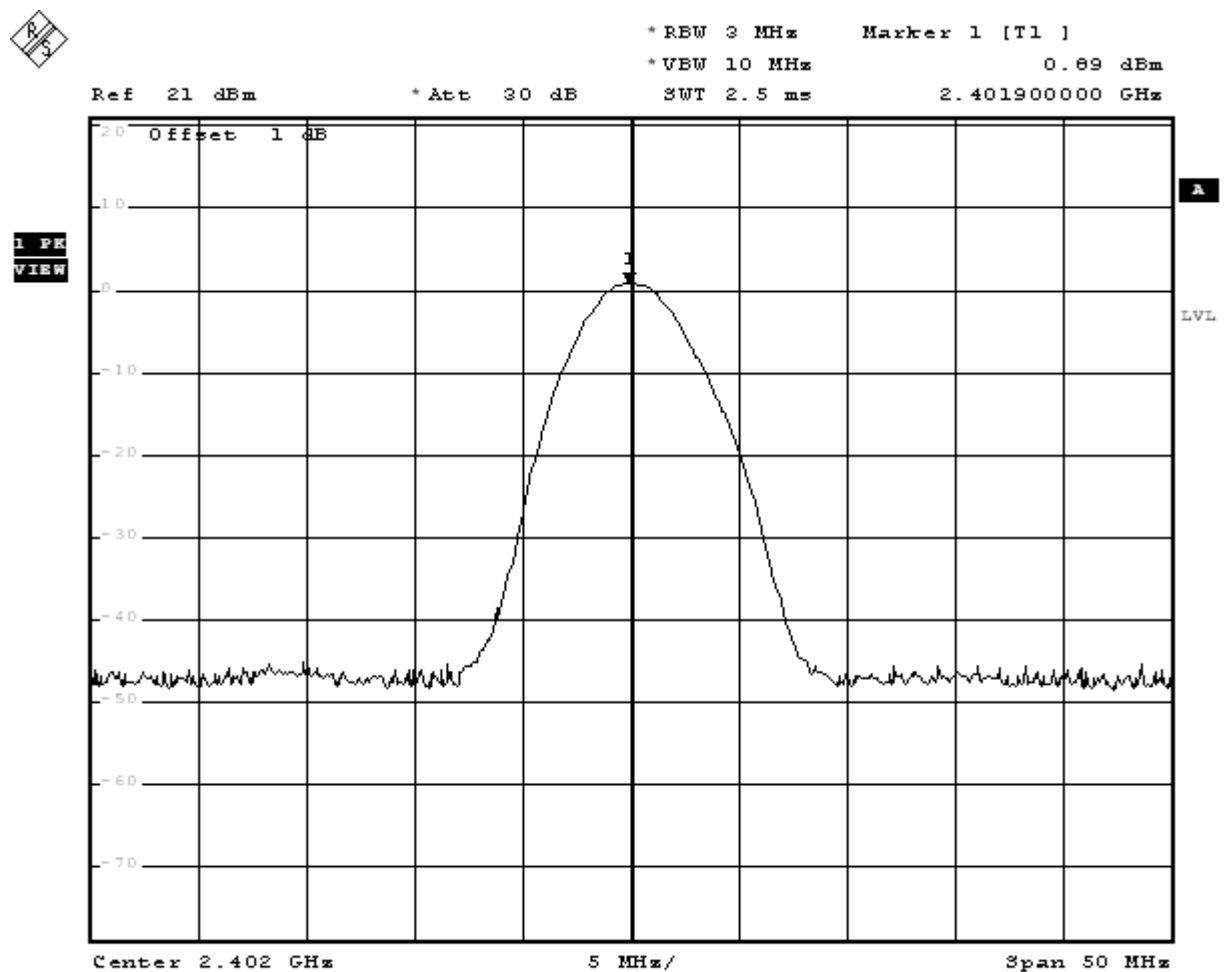
The measurement uncertainty is defined as ± 1.27 dB.

3.7. Test Result

Product	Lazy pad Bluetooth		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

GFSK				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
00	2402.00	0.89	1Watt= 30 dBm	Pass
39	2441.00	-2.59	1Watt= 30 dBm	Pass
78	2480.00	-7.08	1Watt= 30 dBm	Pass

Channel 00



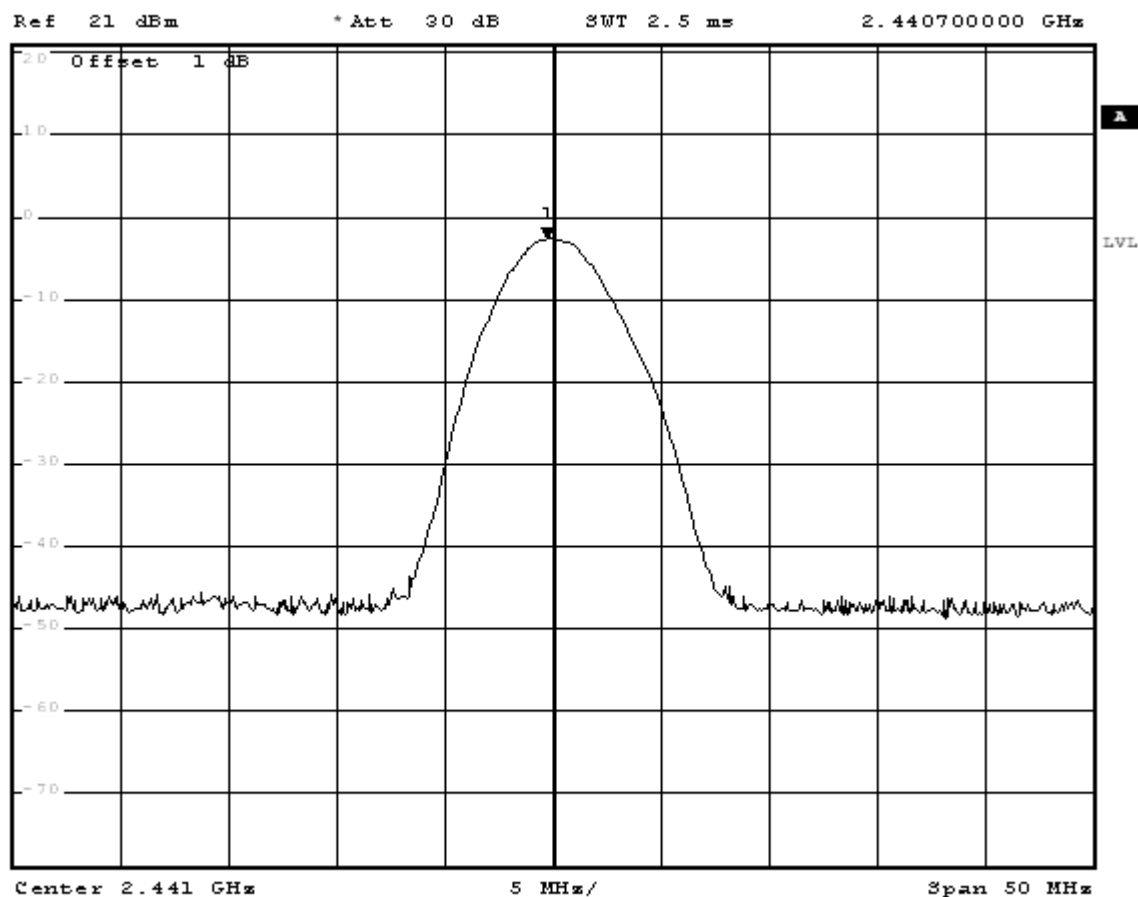
Date: 2.OCT.2009 11:52:55

Channel 39



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -2.59 dBm
 *Att 30 dB SWT 2.5 ms 2.440700000 GHz

1 PR
VIEW



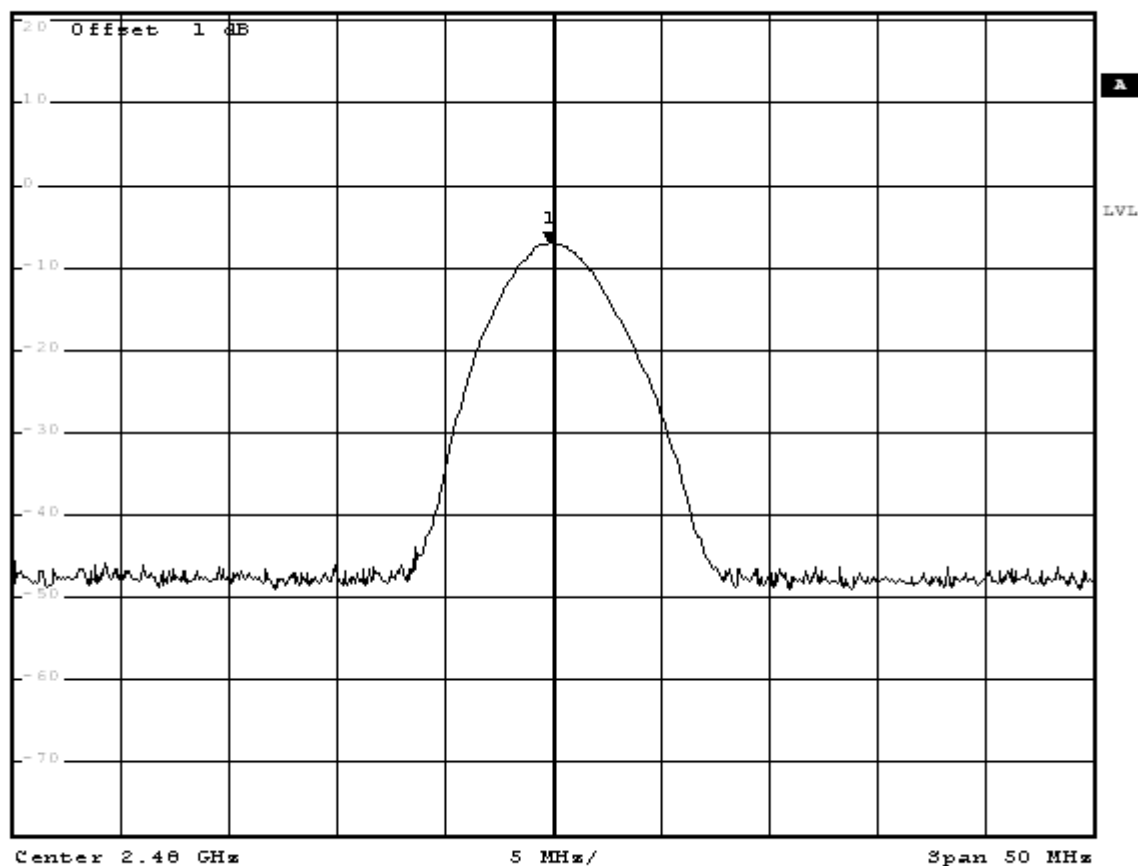
Date: 2.OCT.2009 11:53:50

Channel 78



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -7.08 dBm
 Ref 21 dBm *Att 30 dB SWT 2.5 ms 2.479800000 GHz

1 PR
VIEW

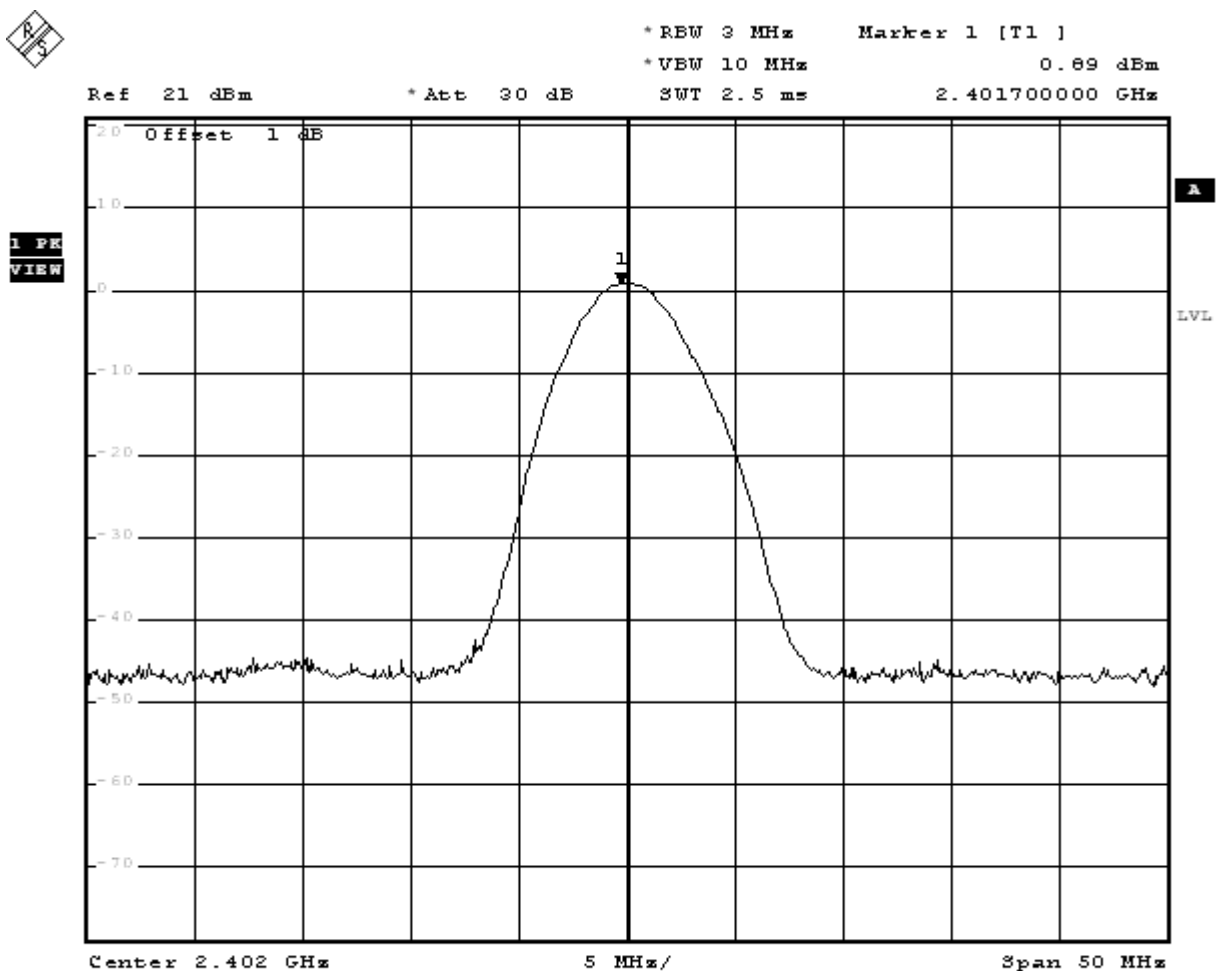


Date: 2.OCT.2009 11:54:26

Product	Lazy pad Bluetooth		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

$\pi/4$ DQPSK				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
00	2402.00	0.89	1Watt= 30 dBm	Pass
39	2441.00	-2.68	1Watt= 30 dBm	Pass
78	2480.00	-7.08	1Watt= 30 dBm	Pass

Channel 00

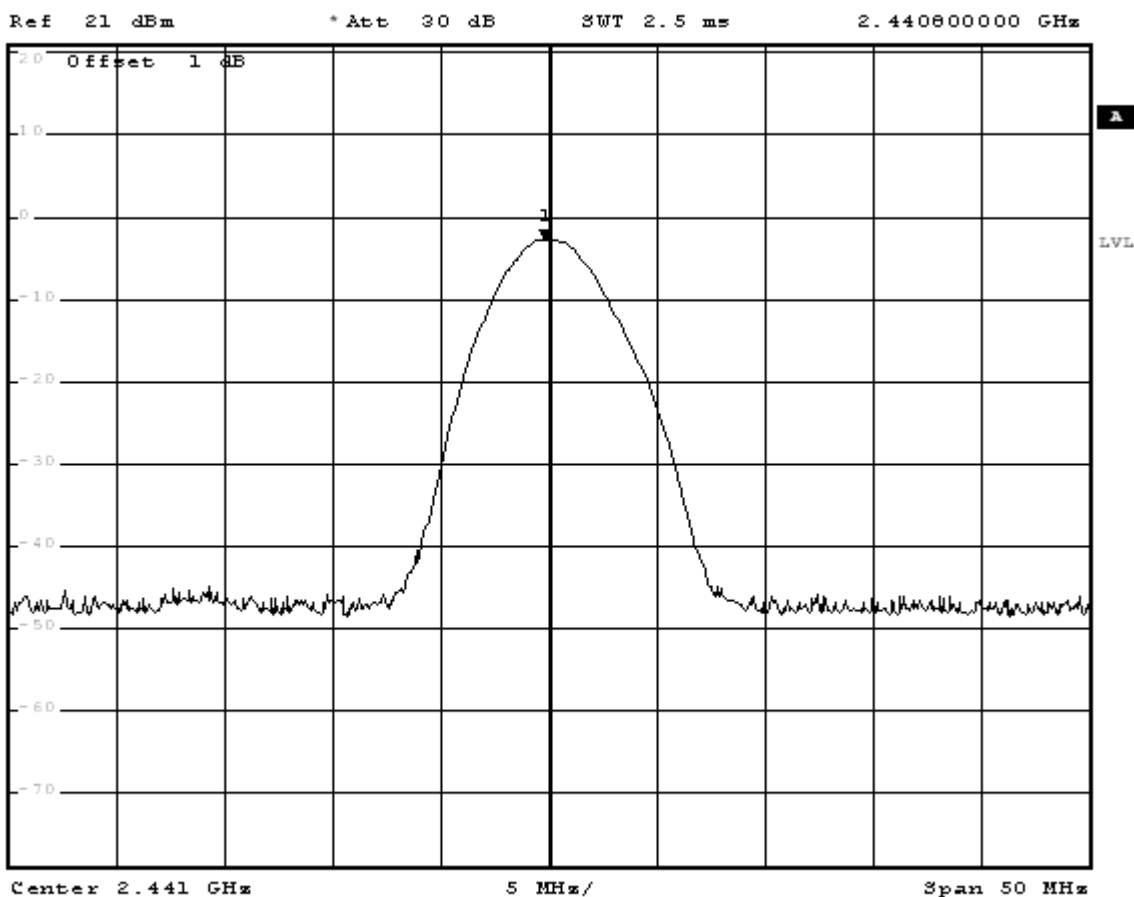


Date: 2.OCT.2009 11:48:06

Channel 39



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -2.68 dBm
 *Att 30 dB SWT 2.5 ms 2.440800000 GHz

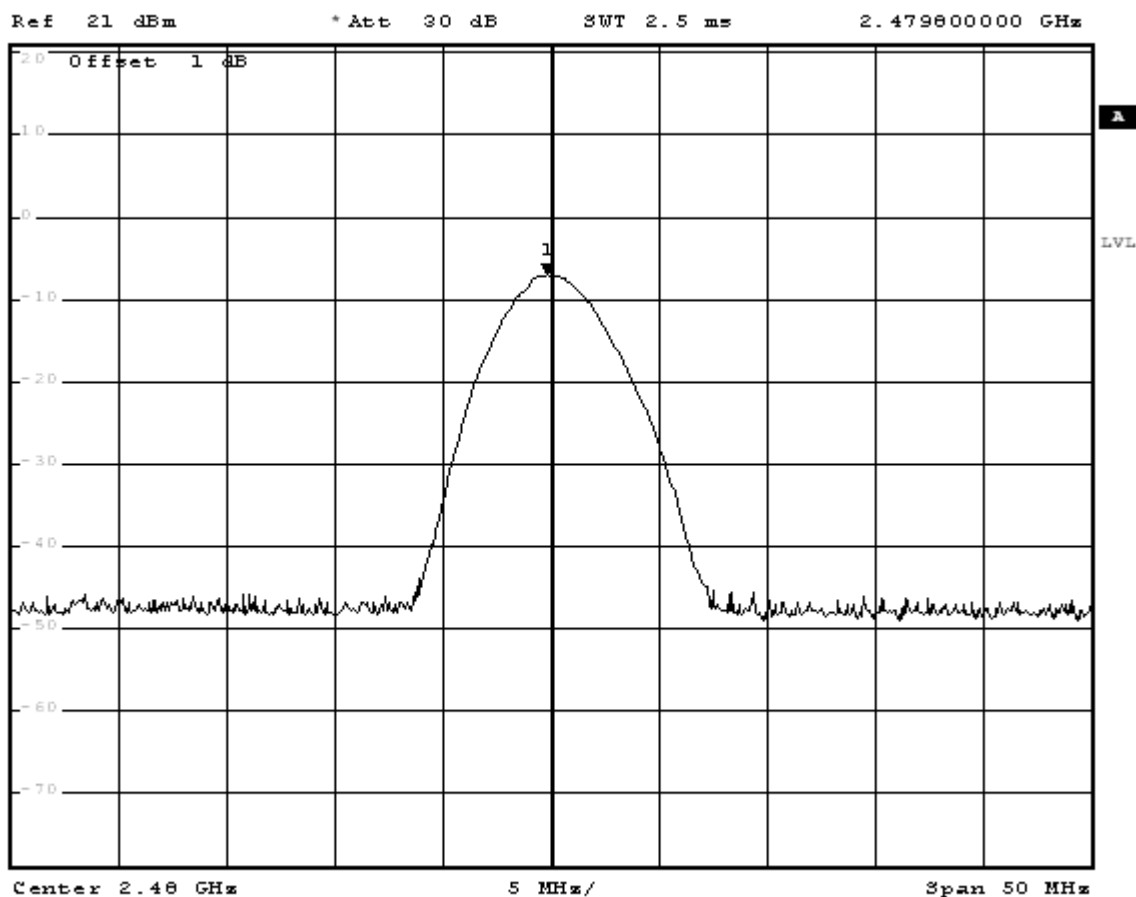


Date: 2.OCT.2009 11:49:56

Channel 78



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -7.08 dBm
 *Att 30 dB SWT 2.5 ms 2.479800000 GHz

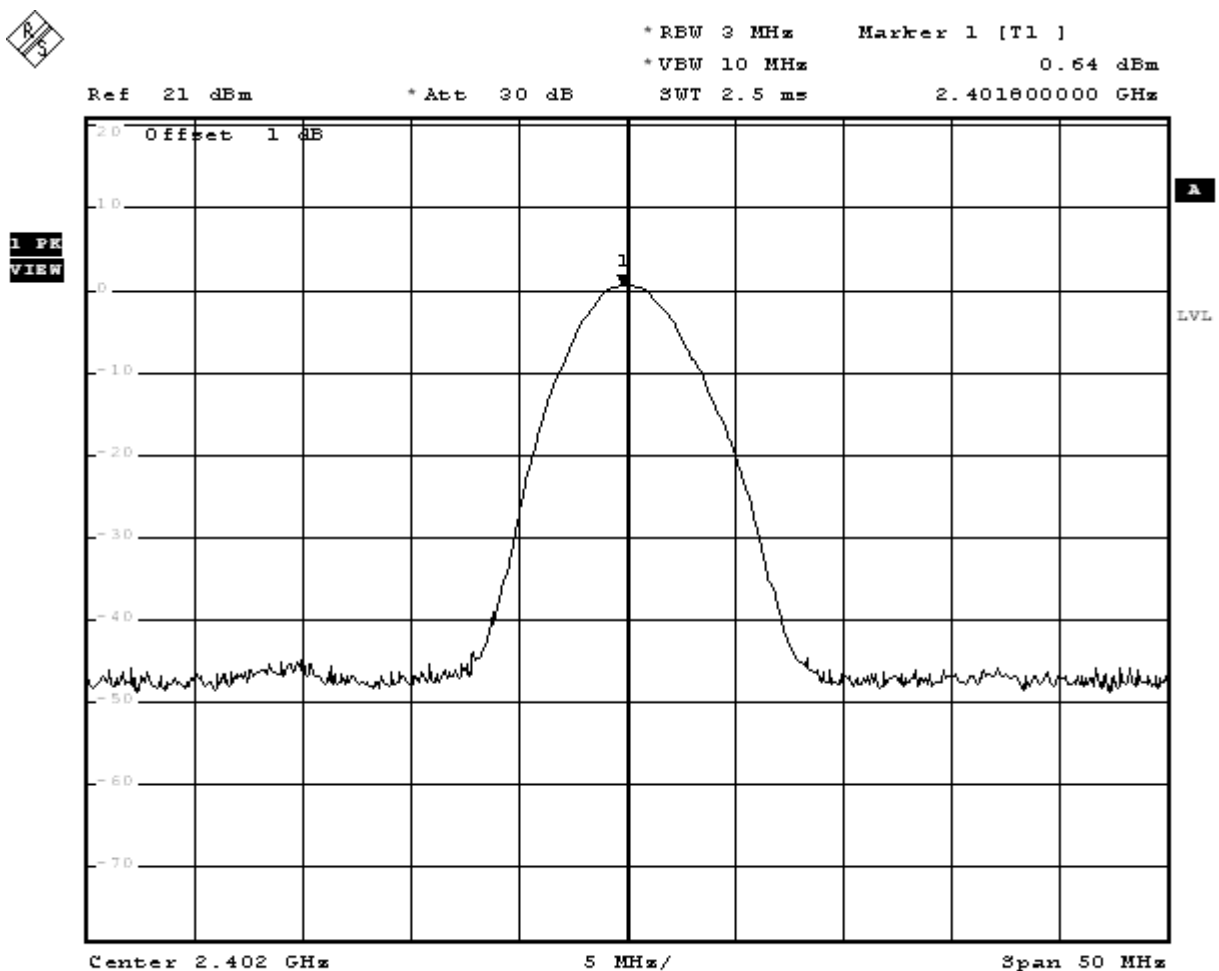


Date: 2.OCT.2009 11:50:33

Product	Lazy pad Bluetooth		
Test Item	Peak Power Output		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

8-DPSK				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
00	2402.00	0.64	1Watt= 30 dBm	Pass
39	2441.00	-2.90	1Watt= 30 dBm	Pass
78	2480.00	-7.32	1Watt= 30 dBm	Pass

Channel 00

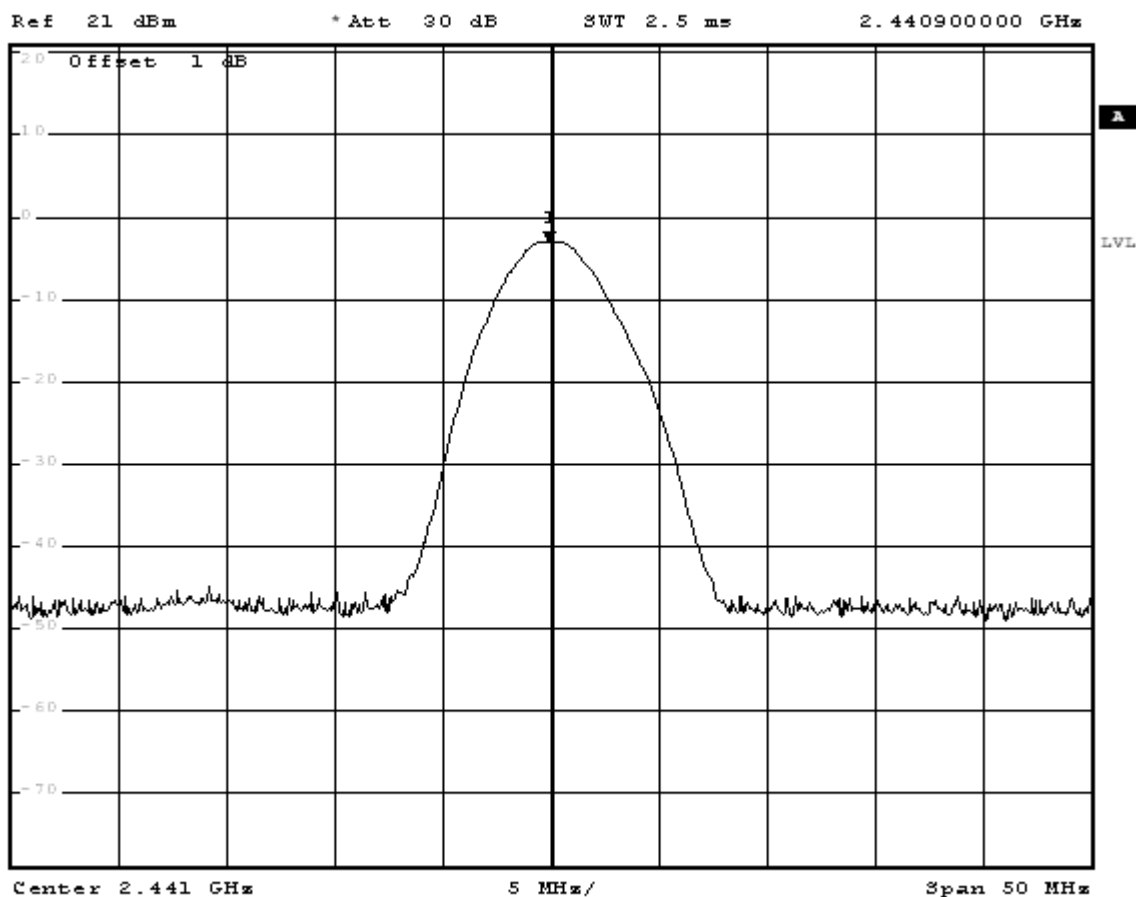


Date: 2.OCT.2009 11:28:42

Channel 39



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -2.90 dBm
 *Att 30 dB SWT 2.5 ms 2.440900000 GHz

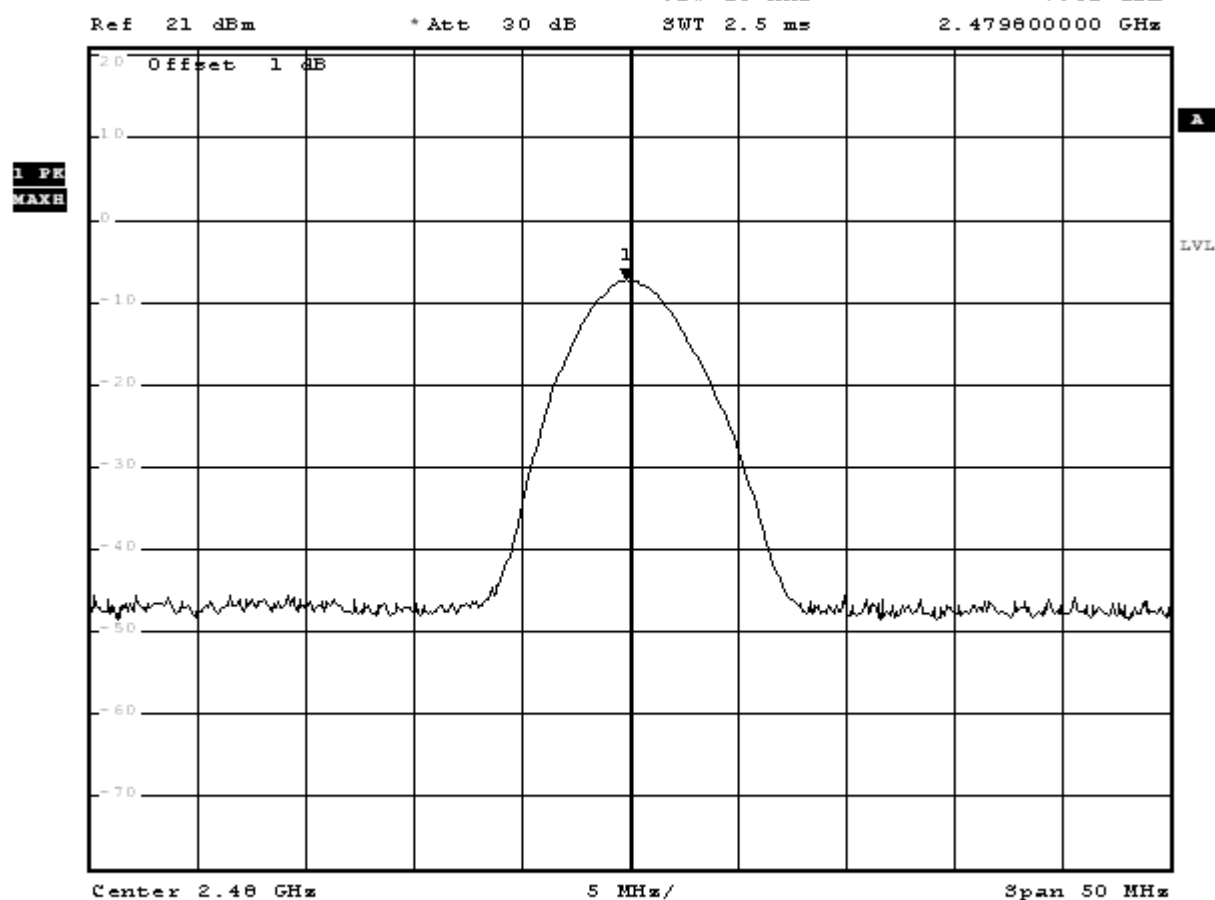


Date: 2.OCT.2009 11:31:09

Channel 78



*RBW 3 MHz Marker 1 [T1]
 *VBW 10 MHz -7.32 dBm
 *Att 30 dB SWT 2.5 ms 2.479800000 GHz



Date: 2.OCT.2009 11:32:30

4. Radiated Emission

4.1. Test Equipment

The following test equipment are used during the test:

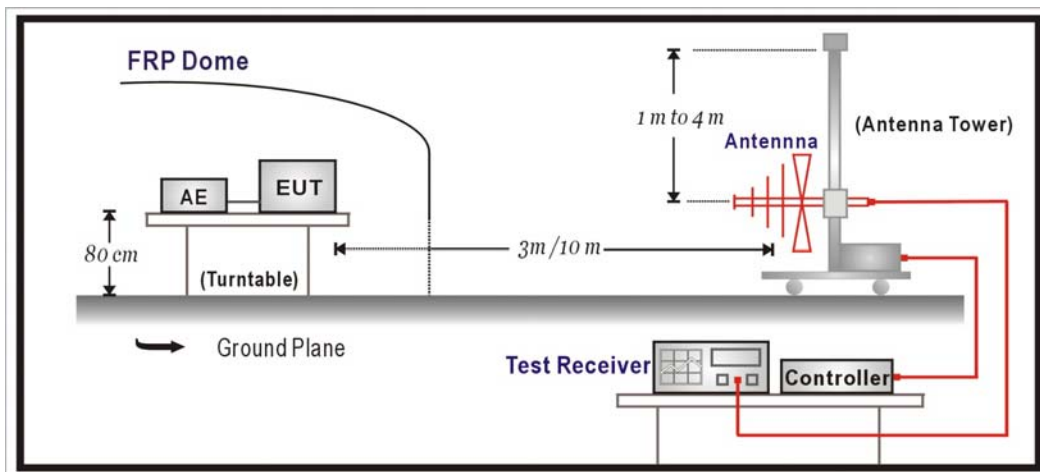
Radiated Emission / Site1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Bilog Antenna	Schaffner Chase	CBL6112B	2895	2009/09/03
Horn Antenna	Electro Metrics	EM-6961	103325	2009/03/15
Pre-Amplifier	HP	8449B	3008A01123	2008/11/15
Pre-Amplifier	Quietek	AP-025C	N/A	N/A
Spectrum Analyzer	R & S	FSP40	100005	2009/08/25
Spectrum Analyzer	Advantest	R3162	120300649	2008/11/24
Test Receiver	R & S	ESCS 30	825442/017	2009/02/13

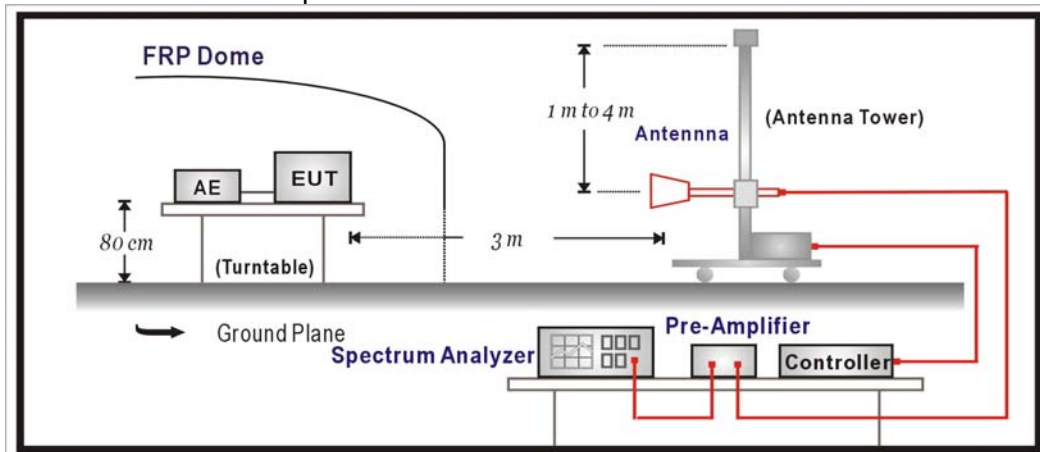
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. "N/A" Ca1.Date is used to Pre-test, not final test.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	uV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)
 2. In the Above Table, the tighter limit applies at the band edges.
 3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

4.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements.

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.209: 2008

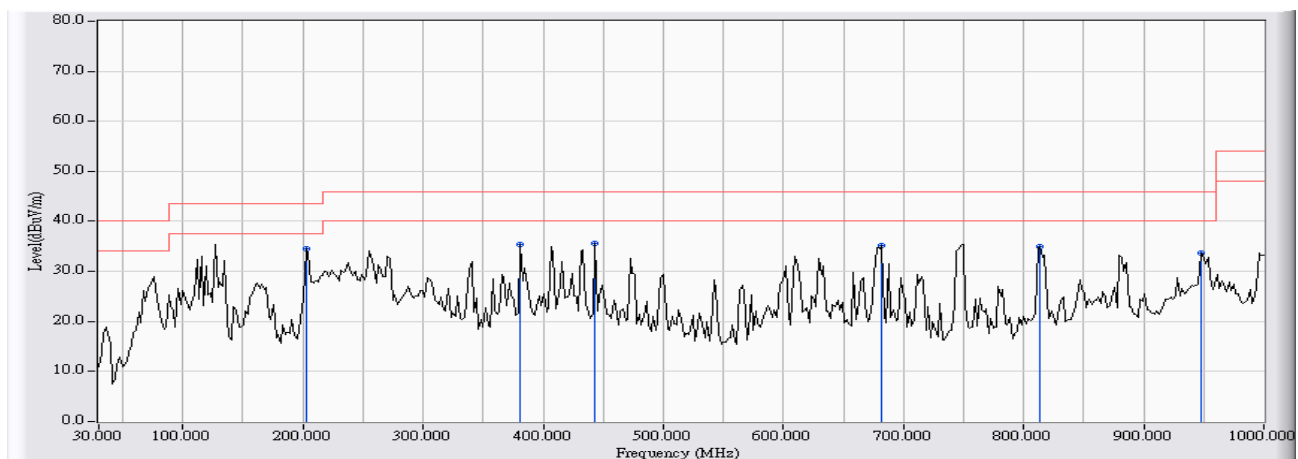
4.6. Uncertainty

The measurement uncertainty
 30MHz~1GHz as $\pm 3.19\text{dB}$
 1GHz~26.5Ghz as $\pm 3.9\text{dB}$

4.7. Test Result

30MHz-1GHz Spurious:

Site : Site 1	Time : 2009/09/30 - 13:30
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2009) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX

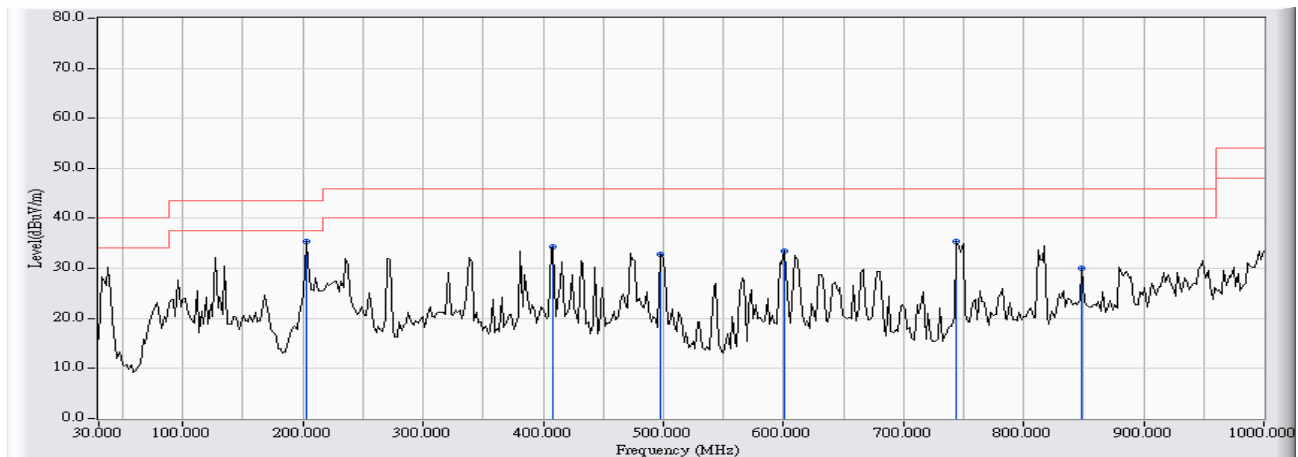


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	202.660	-18.926	53.475	34.549	-8.951	43.500	QUASIPeAK
2		381.140	-10.293	45.670	35.376	-10.624	46.000	QUASIPeAK
3		443.220	-6.701	42.240	35.540	-10.460	46.000	QUASIPeAK
4		681.840	-2.446	37.637	35.191	-10.809	46.000	QUASIPeAK
5		813.760	-5.655	40.533	34.878	-11.122	46.000	QUASIPeAK
6		947.620	1.993	31.785	33.778	-12.222	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : Site 1	Time : 2009/09/30 - 13:33
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : CB3_FCC_30-1G(2009) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX



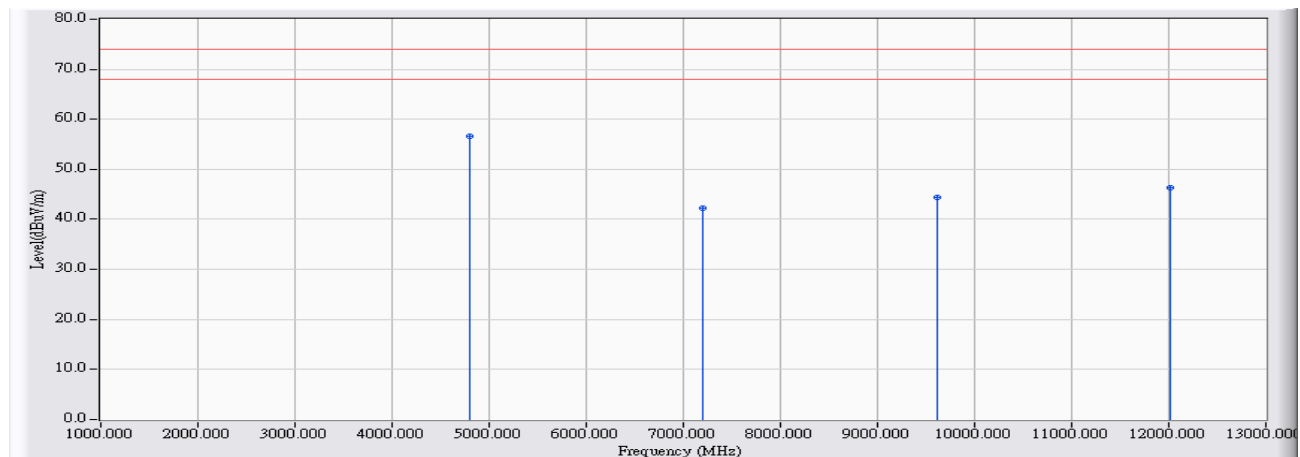
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	202.660	-20.678	56.079	35.401	-8.099	43.500	QUASIPeAK
2		408.300	-6.616	40.920	34.304	-11.696	46.000	QUASIPeAK
3		497.540	-6.387	39.128	32.740	-13.260	46.000	QUASIPeAK
4		600.360	-2.817	36.246	33.429	-12.571	46.000	QUASIPeAK
5		743.920	-5.400	40.819	35.418	-10.582	46.000	QUASIPeAK
6		848.680	-2.198	32.304	30.106	-15.894	46.000	QUASIPeAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Above 1GHz Spurious:

Site : Site 1	Time : 2009/10/01 - 10:10
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

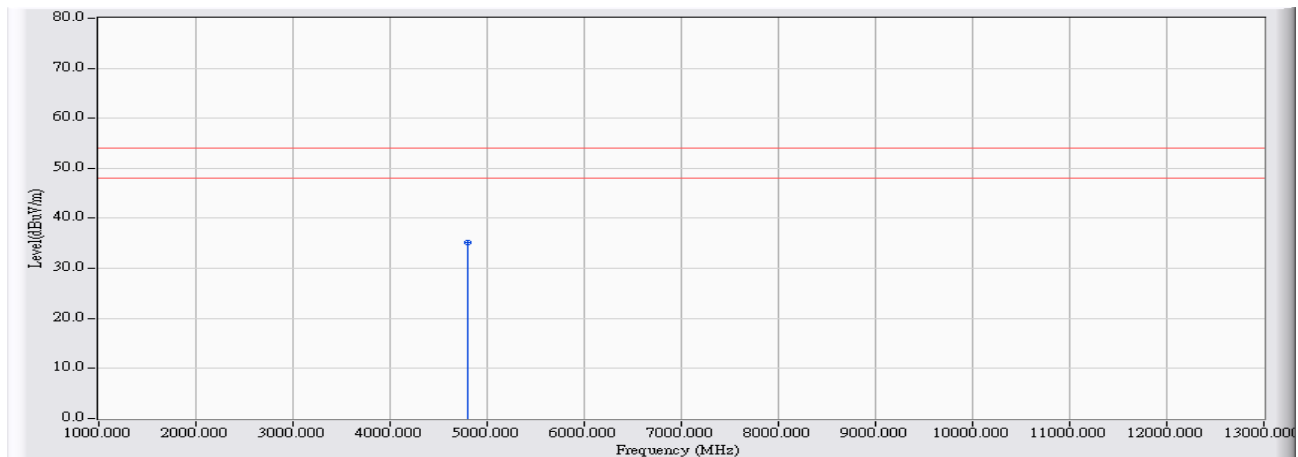


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4804.010	2.134	54.540	56.674	-17.326	74.000	54.000	PEAK
2		7206.030	6.934	35.370	42.304	-31.696	74.000	54.000	PEAK
3		9607.950	9.744	34.750	44.494	-29.506	74.000	54.000	PEAK
4		12009.990	14.720	31.640	46.360	-27.640	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

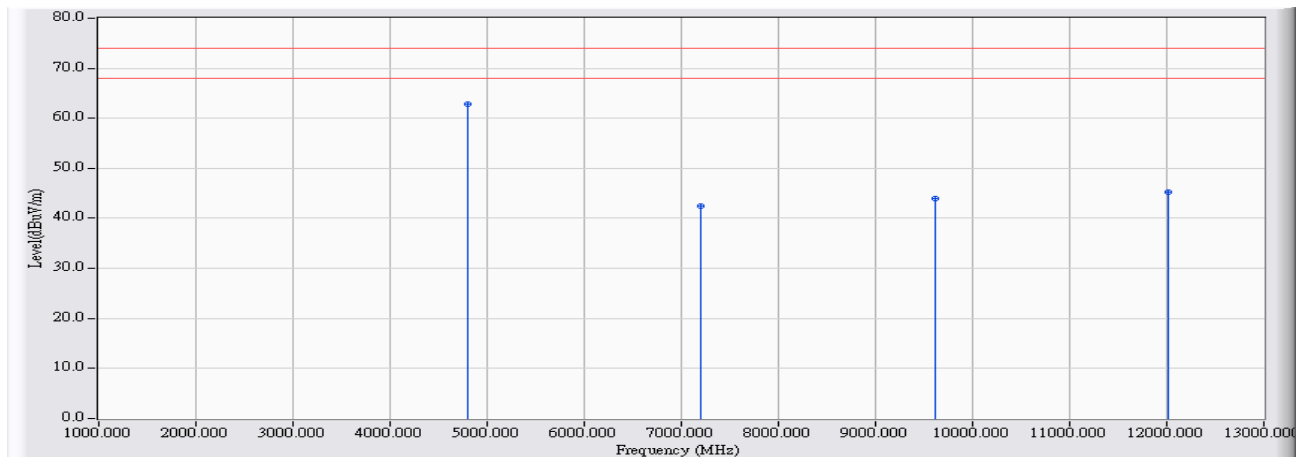


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4804.030	2.134	33.010	35.144	-18.856	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:16
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

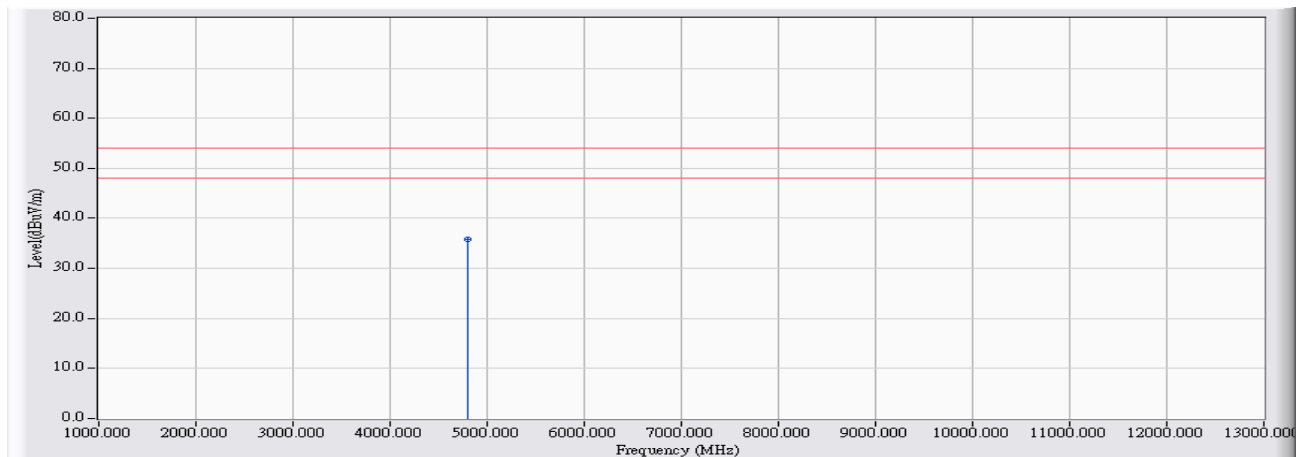


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4804.020	2.012	60.850	62.862	-11.138	74.000	54.000	PEAK
2		7206.050	7.141	35.330	42.471	-31.529	74.000	54.000	PEAK
3		9607.880	9.979	34.000	43.980	-30.020	74.000	54.000	PEAK
4		12010.040	13.609	31.610	45.219	-28.781	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:20
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

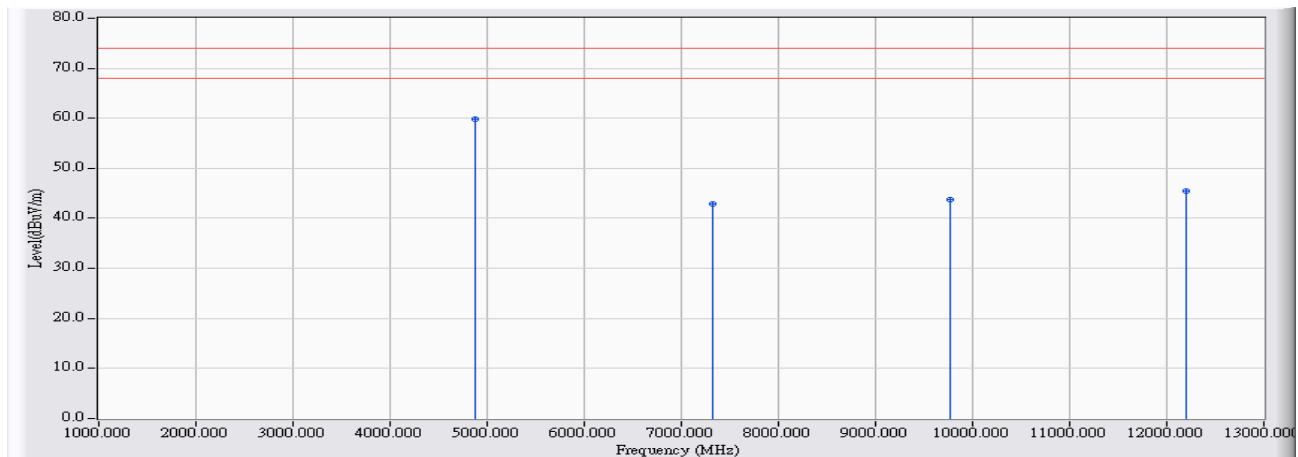


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4803.970	2.012	33.890	35.902	-18.098	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:28
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2441

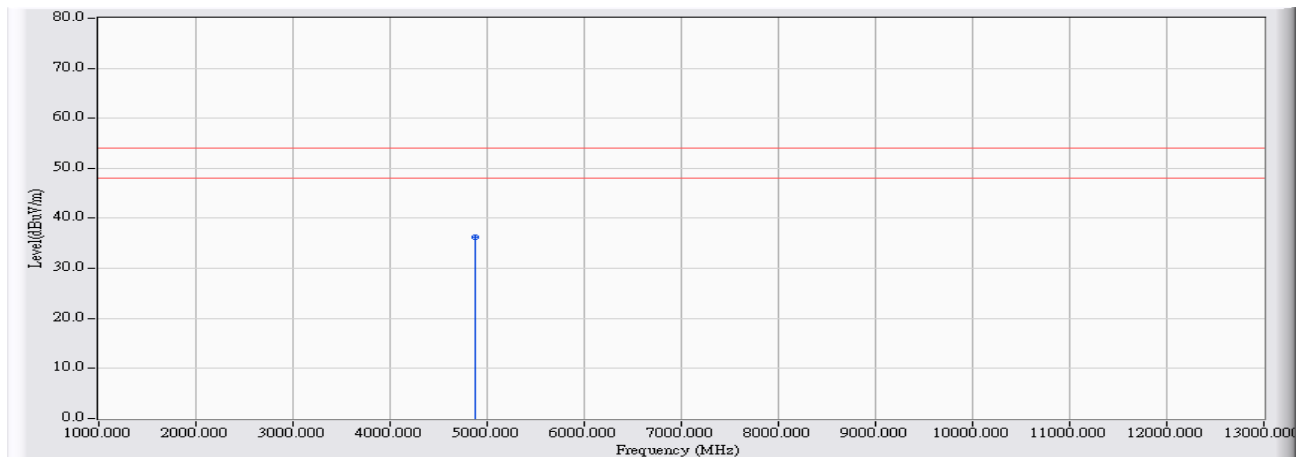


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4881.970	2.119	57.800	59.920	-14.080	74.000	54.000	PEAK
2		7323.000	7.880	35.040	42.920	-31.080	74.000	54.000	PEAK
3		9764.100	10.759	33.010	43.768	-30.232	74.000	54.000	PEAK
4		12205.010	13.890	31.540	45.430	-28.570	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:32
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2441

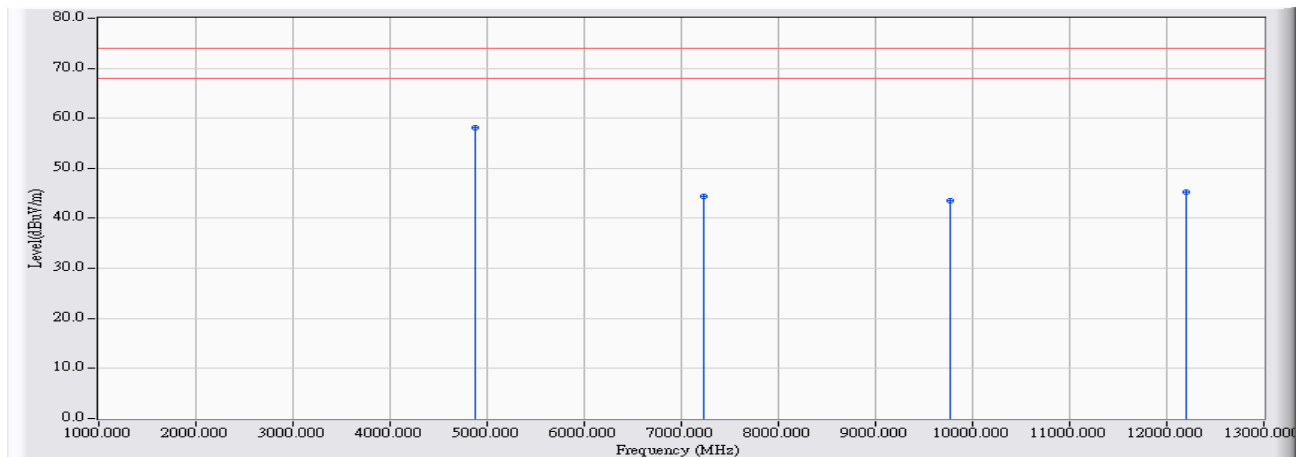


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4882.070	2.119	34.180	36.300	-17.700	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:38
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2441

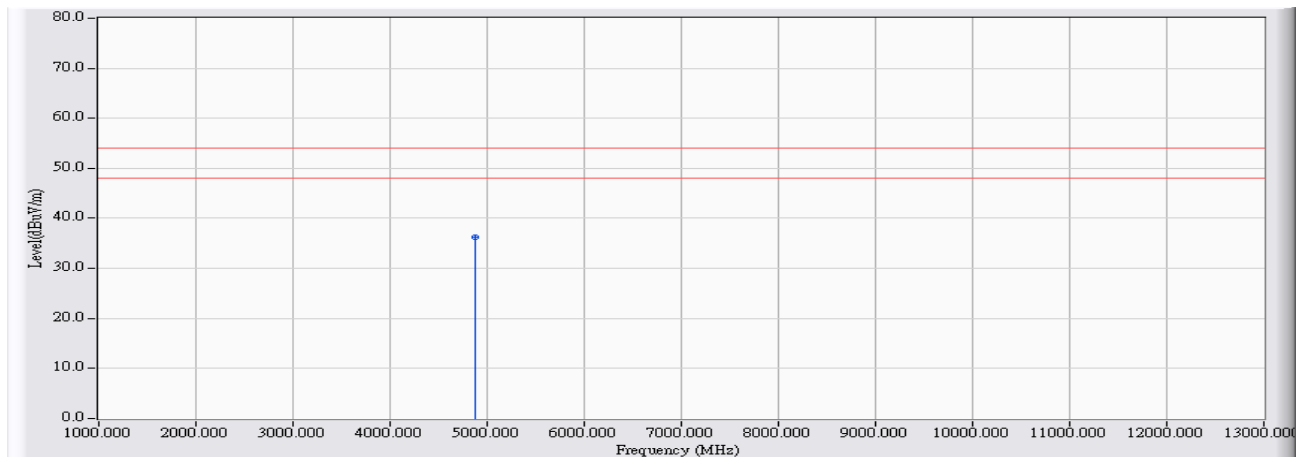


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4882.050	2.087	56.110	58.198	-15.802	74.000	54.000	PEAK
2		7232.040	7.246	37.220	44.466	-29.534	74.000	54.000	PEAK
3		9764.510	10.909	32.630	43.538	-30.462	74.000	54.000	PEAK
4		12205.100	12.803	32.430	45.233	-28.767	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:44
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2441

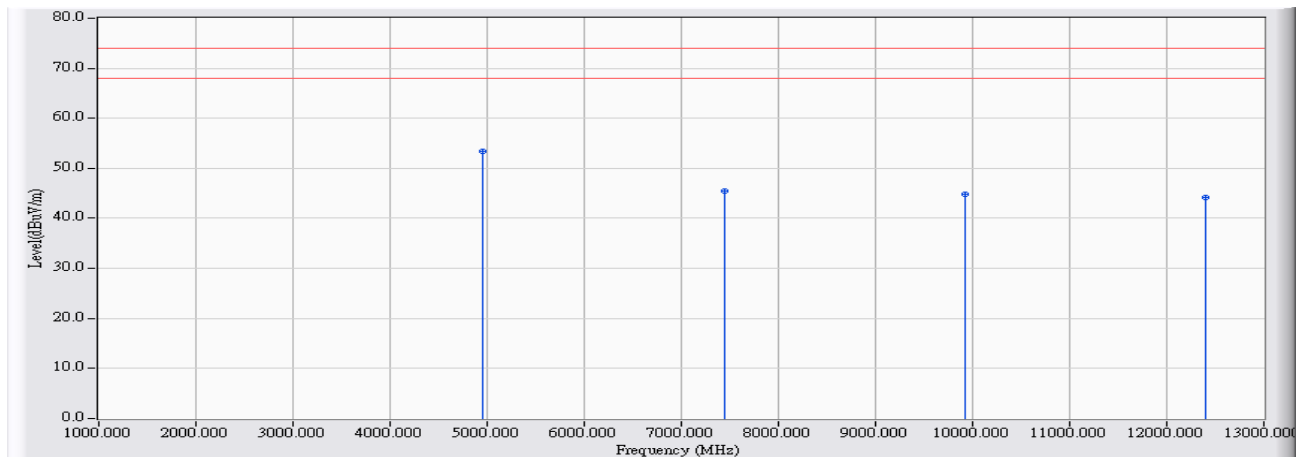


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4881.990	2.087	34.110	36.198	-17.802	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:54
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

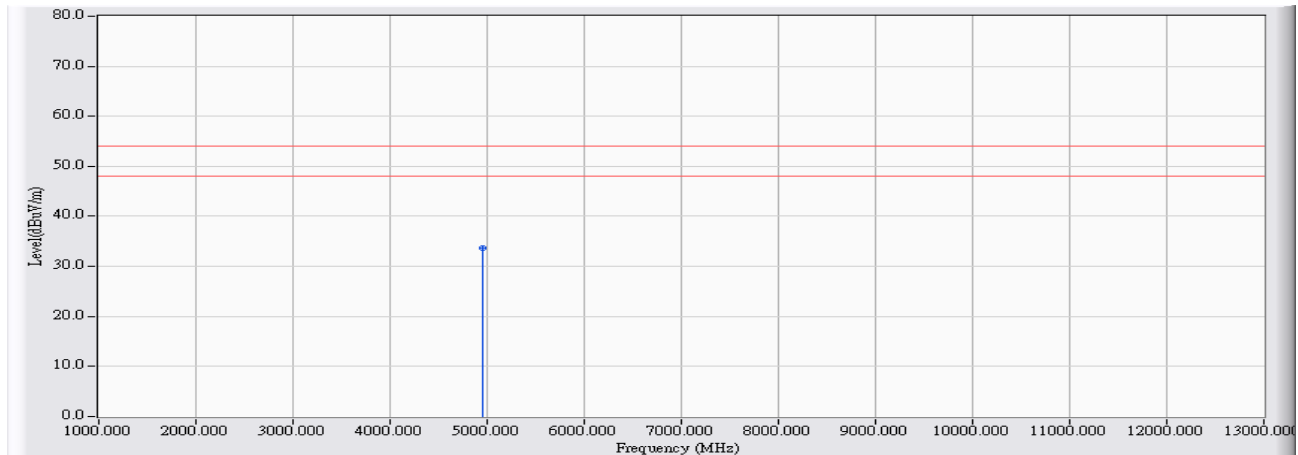


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4960.070	2.418	50.970	53.388	-20.612	74.000	54.000	PEAK
2		7439.900	8.948	36.510	45.459	-28.541	74.000	54.000	PEAK
3		9919.060	11.450	33.280	44.729	-29.271	74.000	54.000	PEAK
4		12399.950	12.502	31.670	44.172	-29.828	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 10:59
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

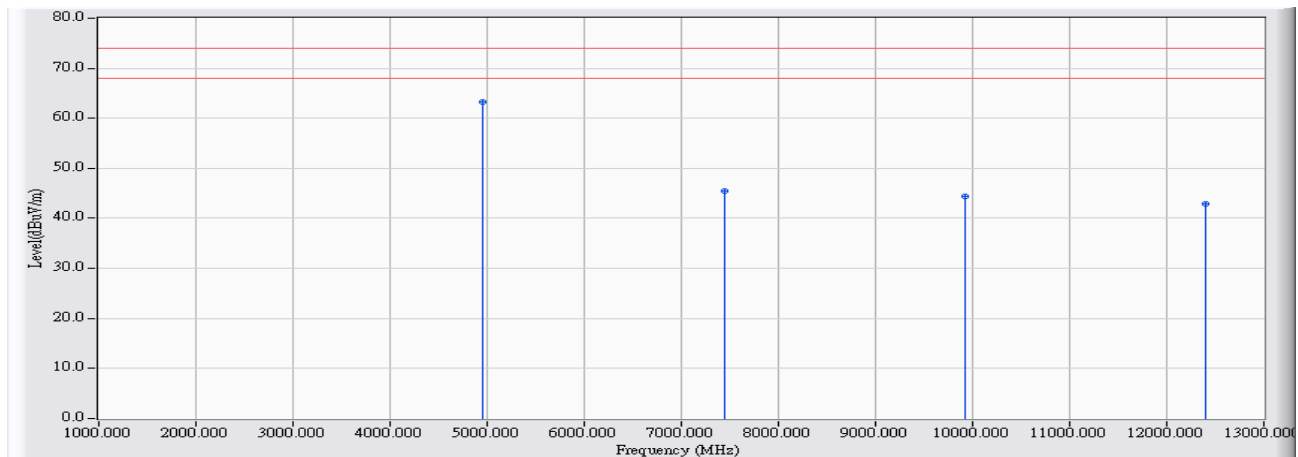


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4960.030	2.418	31.210	33.628	-20.372	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 11:05
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

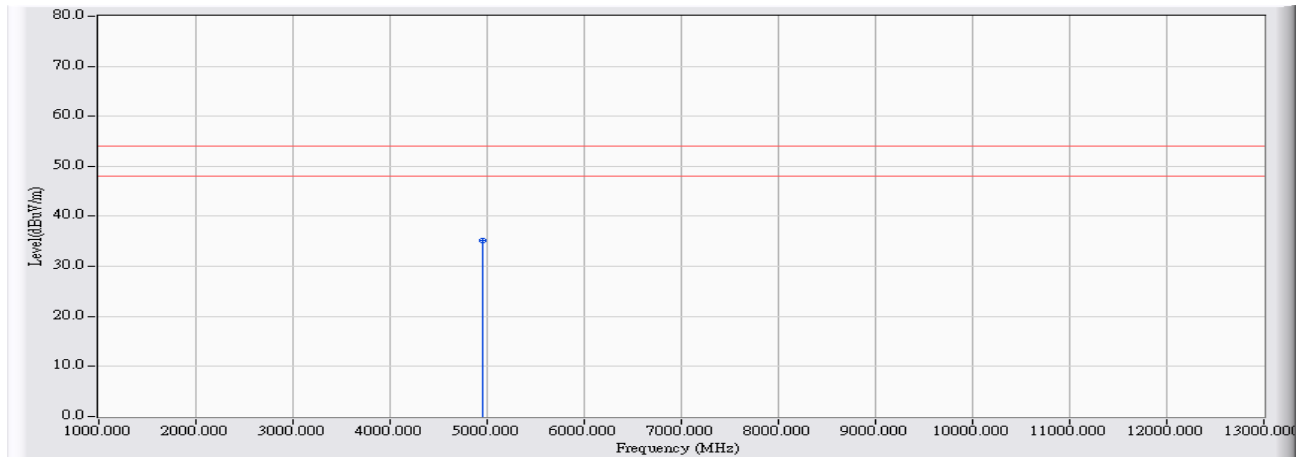


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4960.120	2.466	60.910	63.377	-10.623	74.000	54.000	PEAK
2		7439.850	8.208	37.350	45.558	-28.442	74.000	54.000	PEAK
3		9920.140	11.516	32.790	44.306	-29.694	74.000	54.000	PEAK
4		12399.920	11.436	31.460	42.895	-31.105	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 11:10
Limit : FCC_SpartC_15.247_H_03M_AV	Margin : 6
Probe : CB3_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	4960.040	2.466	32.720	35.186	-18.814	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

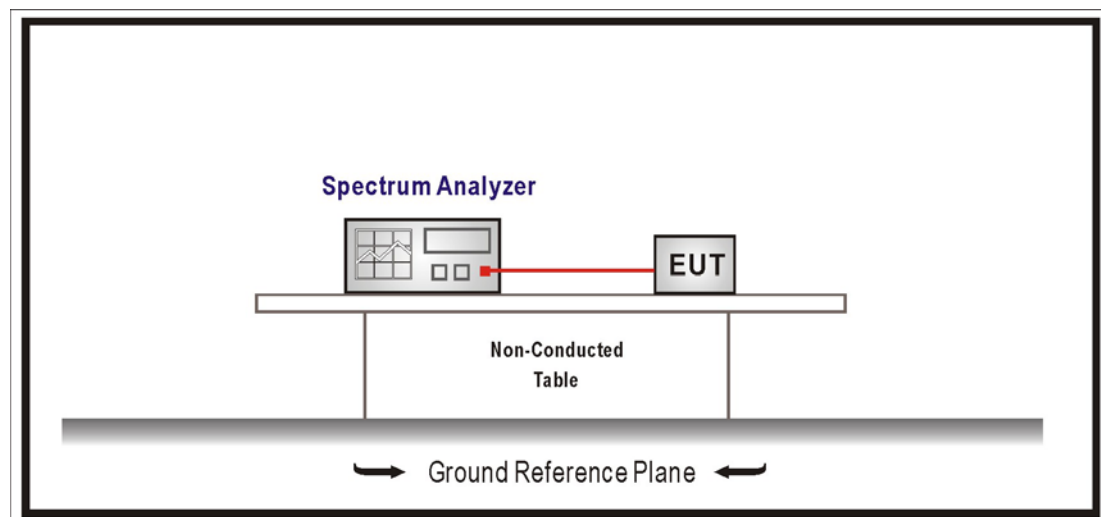
RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with "X" are used to measure the final test results.

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on an RF conducted or radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

5.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Set RBW = 100 kHz, Set VBW > RBW, scan up through 10th harmonic.

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

5.6. Uncertainty

The measurement uncertainty

Conducted is defined as $\pm 1.27\text{dB}$

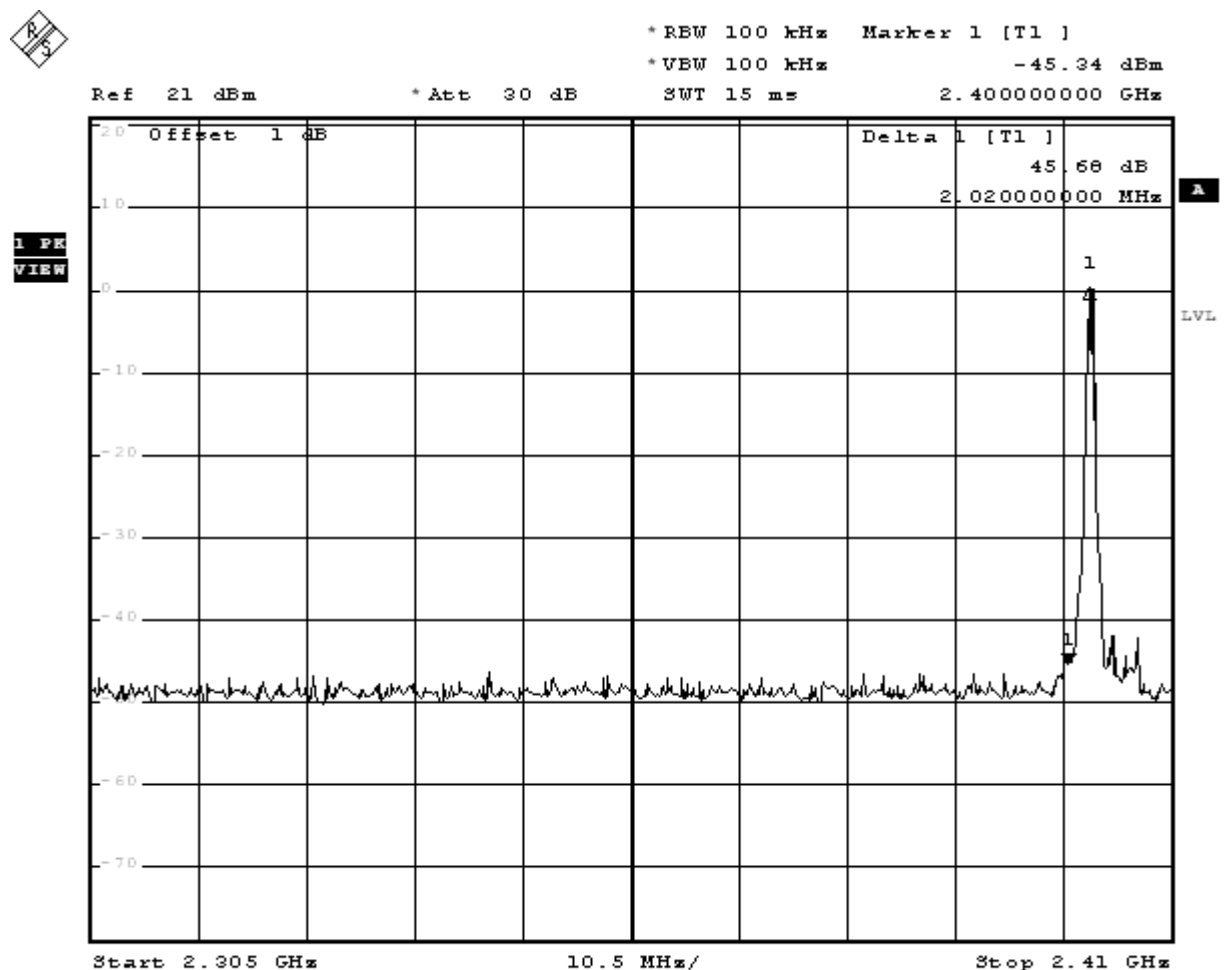
Radiated is defined as $\pm 3.9\text{dB}$

5.7. Test Result

Product	Lazy pad Bluetooth		
Test Item	RF antenna conducted test		
Test Mode	Mode 1: Transmit		
Date of Test	2009/11/05	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
00	2402	45.68	≥ 20	Pass
78	2480	39.19	≥ 20	Pass

Channel 00-Bandedge

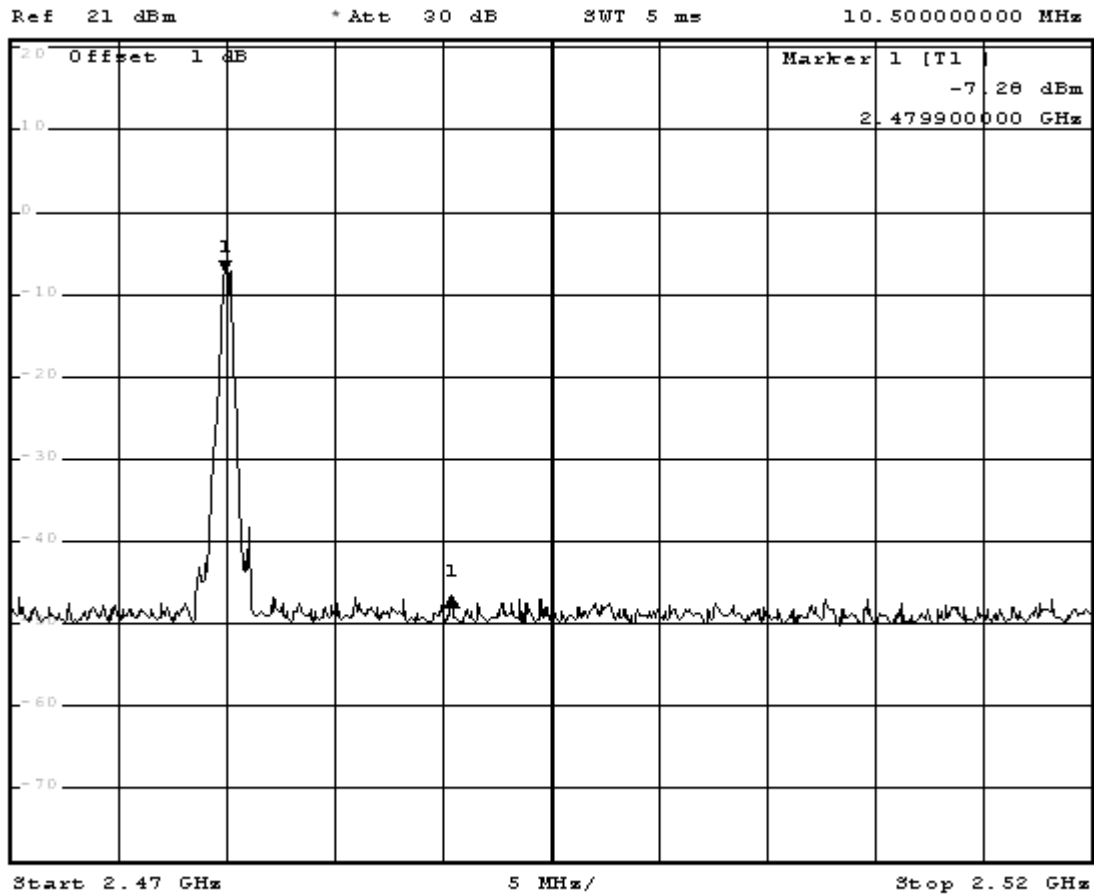


Date: 2.OCT.2009 13:06:16

Channel 78-Bandedge



*RBW 100 kHz Delta 1 [T1]
 *VBW 100 kHz -39.19 dB
 SWT 5 ms 10.500000000 MHz



Date: 2.OCT.2009 11:59:54

Conducted Spurious Channel 00 (30M-25G)

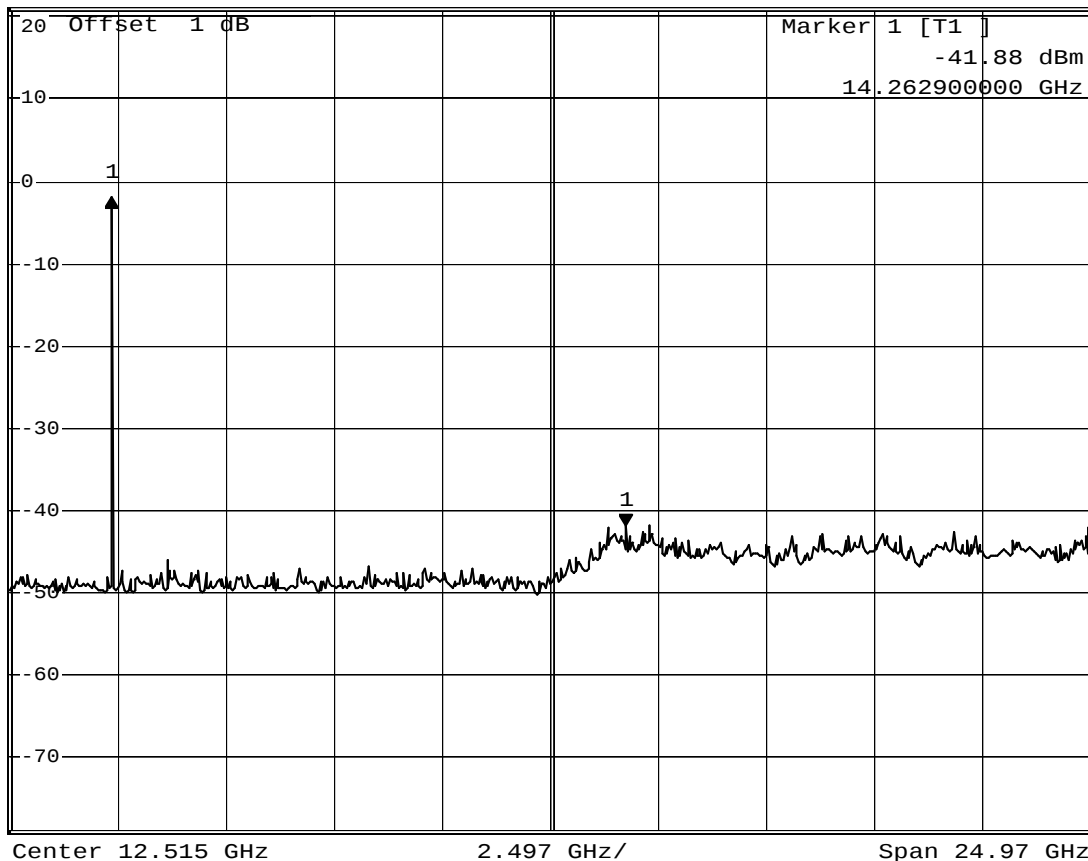


*RBW 100 kHz Delta 1 [T1]
*VBW 100 kHz 39.97 dB
SWT 2.5 s -11.885720000 GHz

Ref 21 dBm

*Att 30 dB

1 PK
VIEW



A

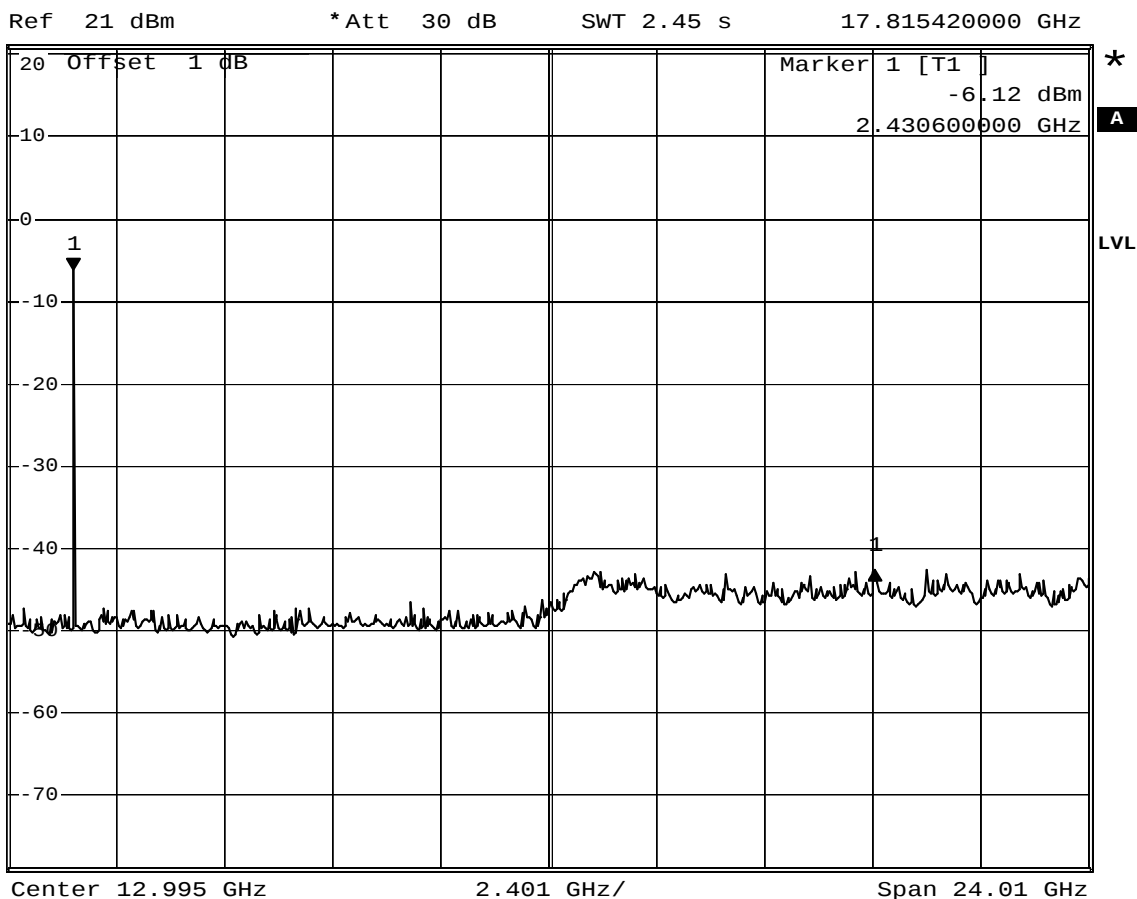
LVL

Date: 2.OCT.2009 13:25:40

Conducted Spurious Channel 39 (30M-25G)



*RBW 100 kHz Delta 1 [T1]
*VBW 100 kHz -36.53 dB
SWT 2.45 s 17.815420000 GHz

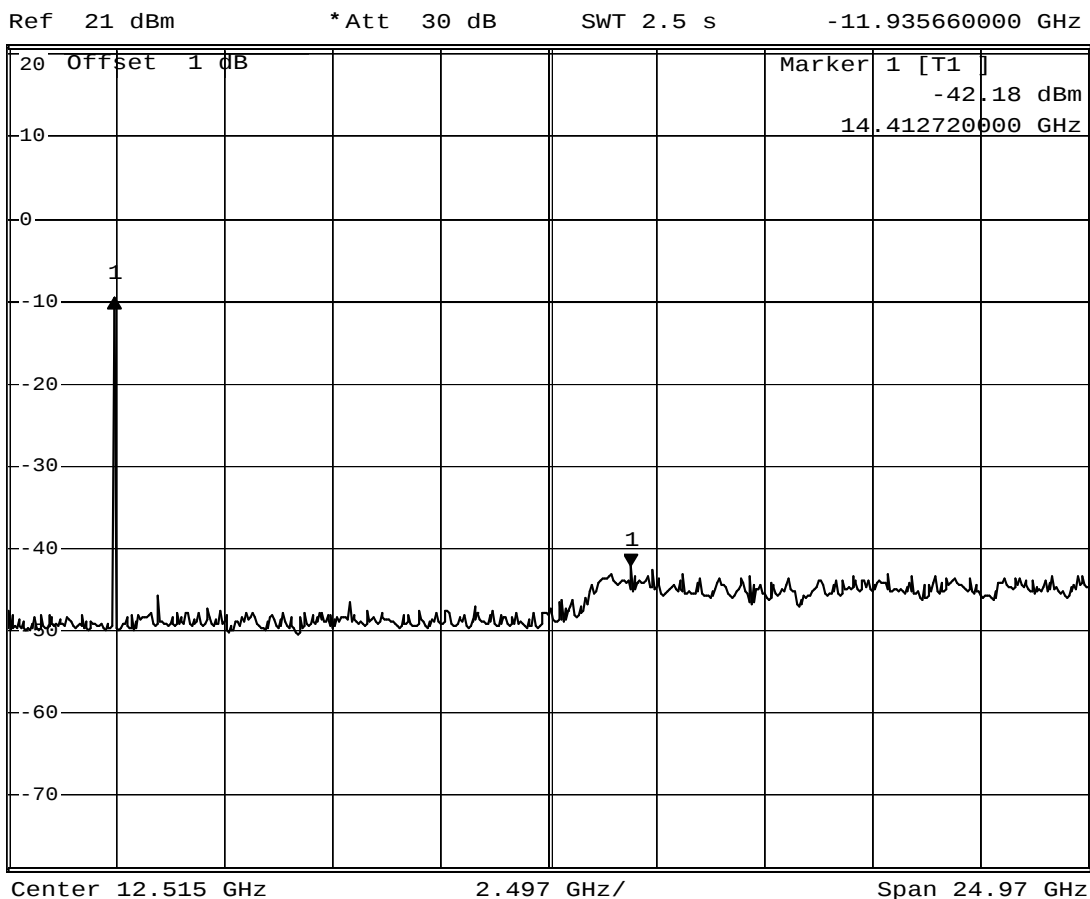


Date: 5.NOV.2009 15:28:48

Conducted Spurious Channel 78 (30M-25G)



*RBW 100 kHz Delta 1 [T1]
*VBW 100 kHz 32.66 dB
SWT 2.5 s -11.935660000 GHz



Date: 2.OCT.2009 13:23:26

6. Radiated Emission Band Edge

6.1. Test Equipment

The following test equipments are used during the test:

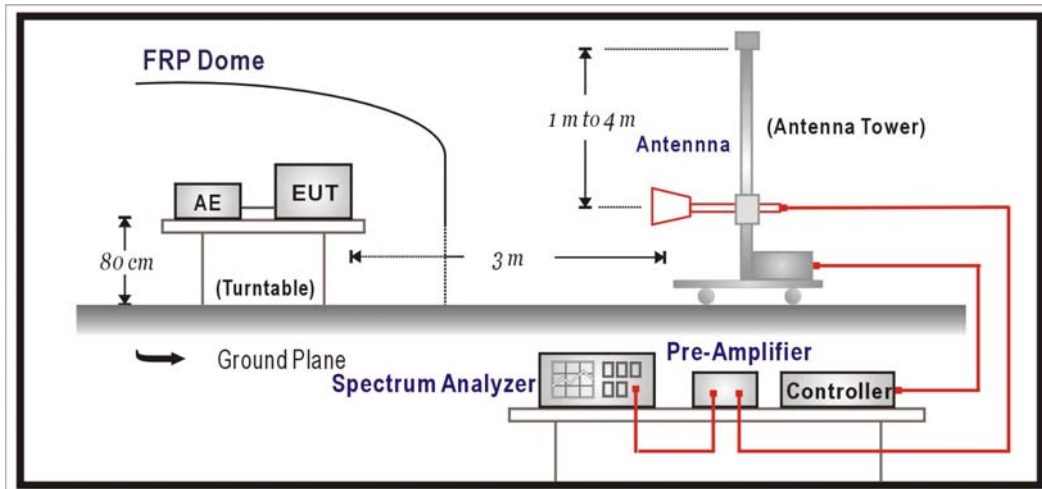
RF Radiated Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2009
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2009
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2009
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2009
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2009
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2009
7	No.1 OATS				Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

2. Test instruments are marked with "X" are used to measure the final test results.

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4:2003 on radiated measurement.

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

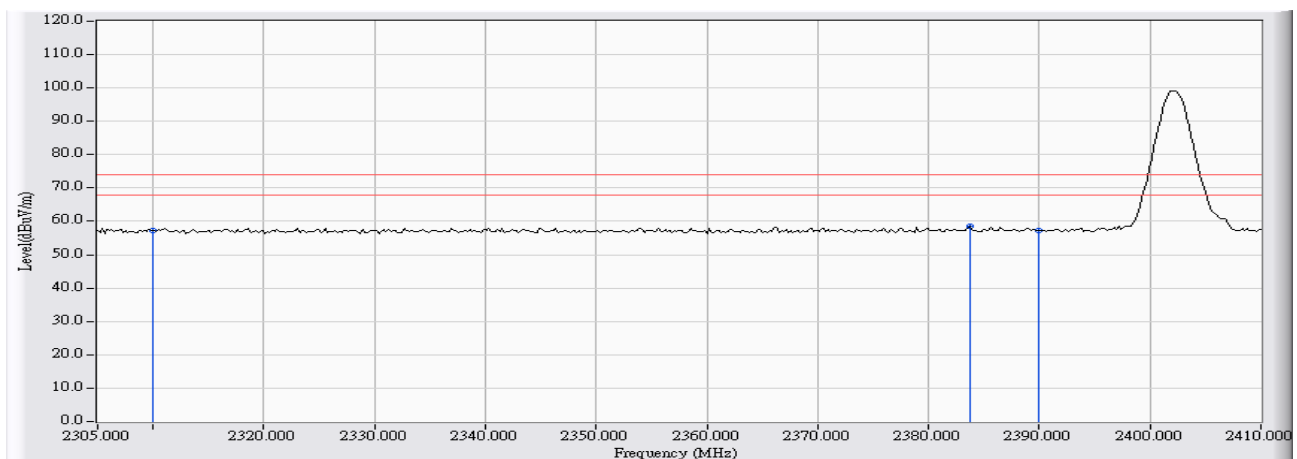
6.6. Uncertainty

The measurement uncertainty ± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : Site 1	Time : 2009/10/01 - 15:36
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

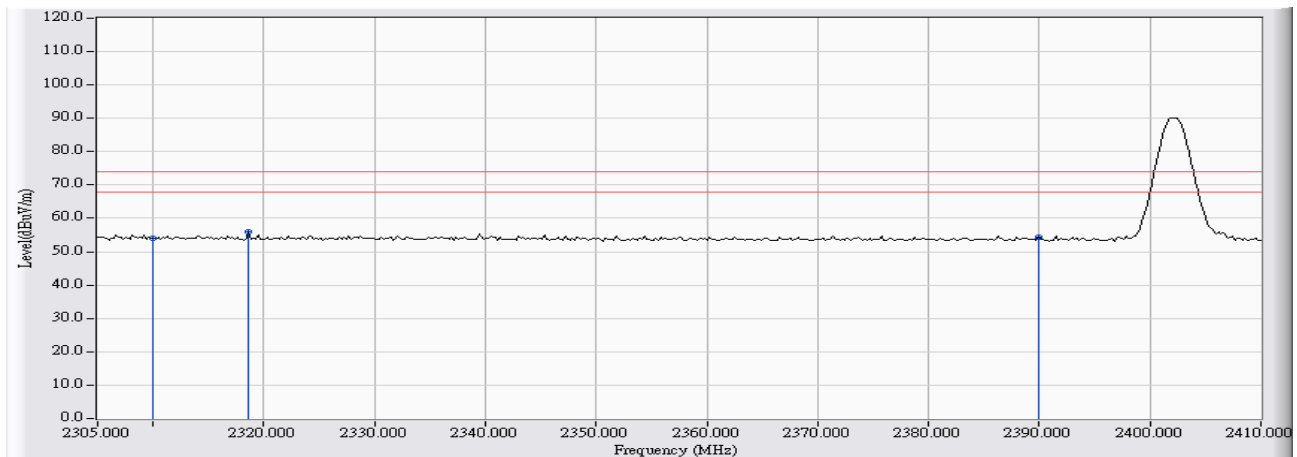


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	25.494	57.151	-16.849	74.000	54.000	PEAK
2	*	2383.750	32.006	26.607	58.612	-15.388	74.000	54.000	PEAK
3		2390.000	32.036	25.364	57.400	-16.600	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 15:44
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

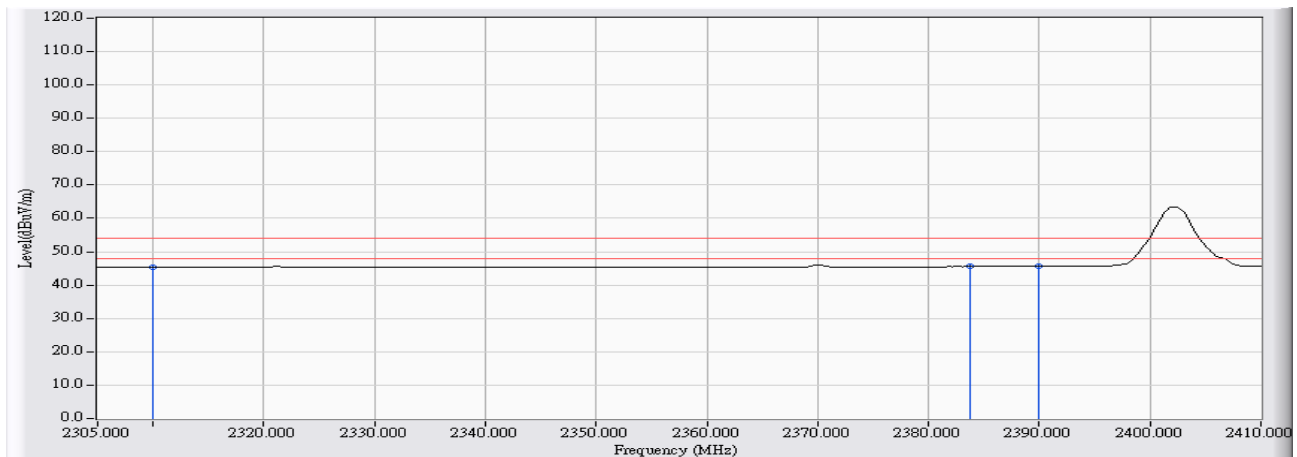


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	28.738	25.380	54.117	-19.883	74.000	54.000	PEAK
2	*	2318.650	28.705	27.147	55.851	-18.149	74.000	54.000	PEAK
3		2390.000	28.470	25.916	54.386	-19.614	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 15:38
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

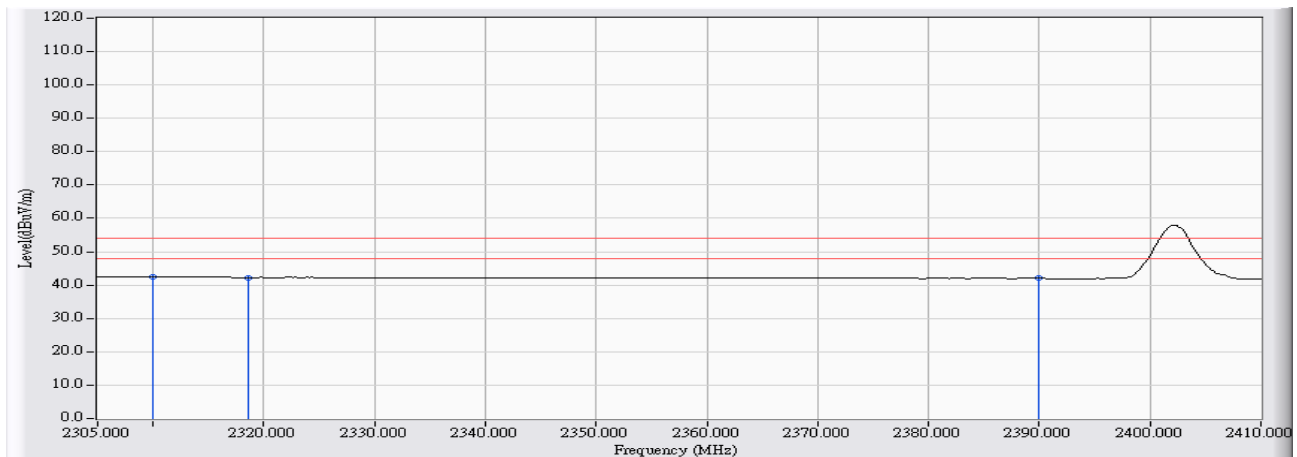


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2310.000	31.658	13.649	45.306	-8.694	74.000	54.000	AVERAGE
2		2383.750	32.006	13.529	45.534	-8.466	74.000	54.000	AVERAGE
3	*	2390.000	32.036	13.561	45.597	-8.403	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. “ * ”, means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/01 - 15:45
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2402

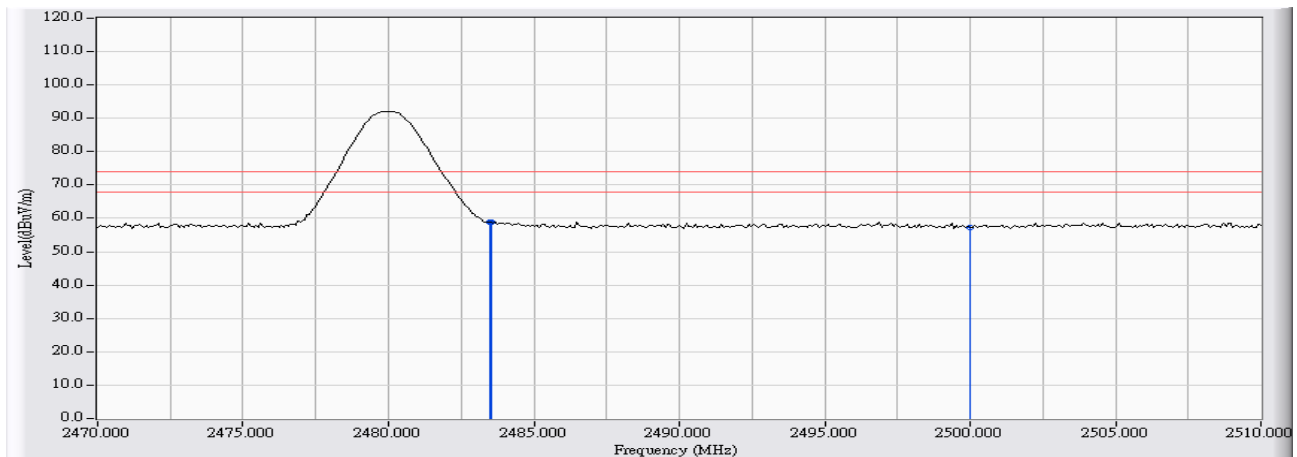


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2310.000	28.738	13.622	42.359	-11.641	74.000	54.000	AVERAGE
2		2318.650	28.705	13.601	42.305	-11.695	74.000	54.000	AVERAGE
3		2390.000	28.470	13.532	42.002	-11.998	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/02 - 13:44
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

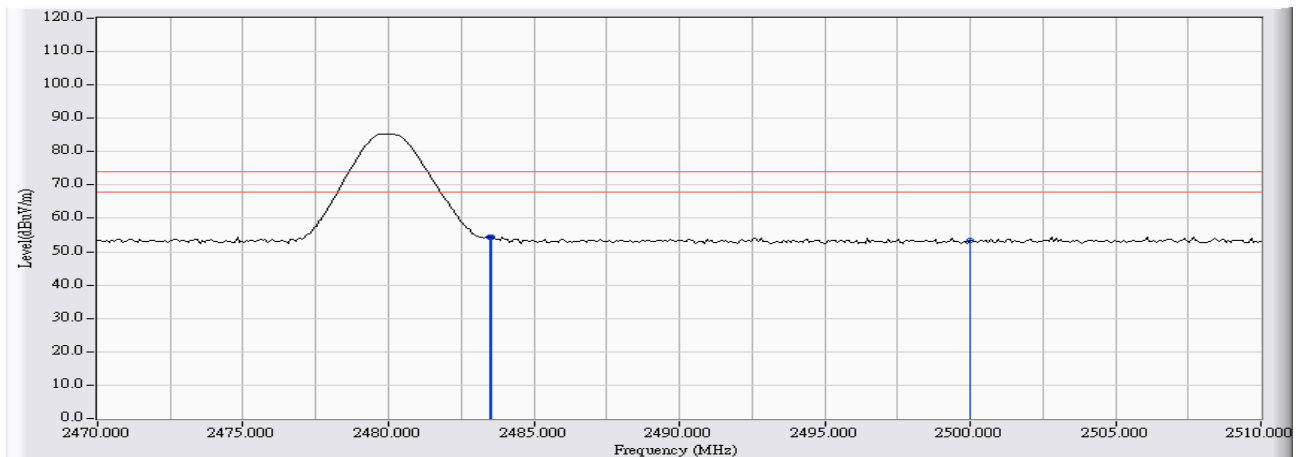


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	32.480	26.484	58.964	-15.036	74.000	54.000	PEAK
2	*	2483.520	32.480	26.552	59.032	-14.968	74.000	54.000	PEAK
3		2500.000	32.557	24.547	57.105	-16.895	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/02 - 13:50
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

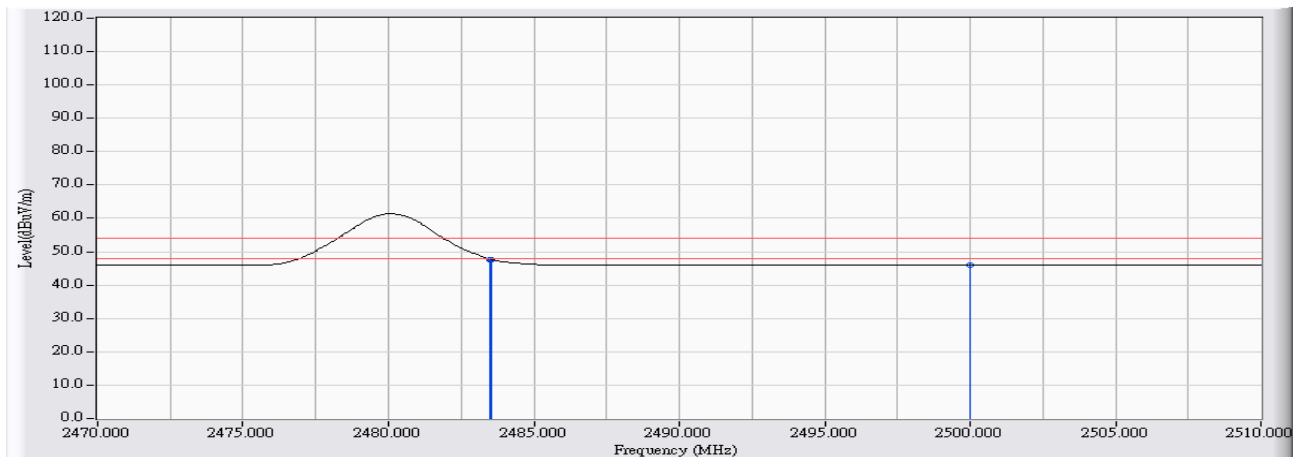


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		2483.500	28.156	26.172	54.327	-19.673	74.000	54.000	PEAK
2	*	2483.520	28.156	26.198	54.353	-19.647	74.000	54.000	PEAK
3		2500.000	28.142	25.234	53.376	-20.624	74.000	54.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/02 - 13:45
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480

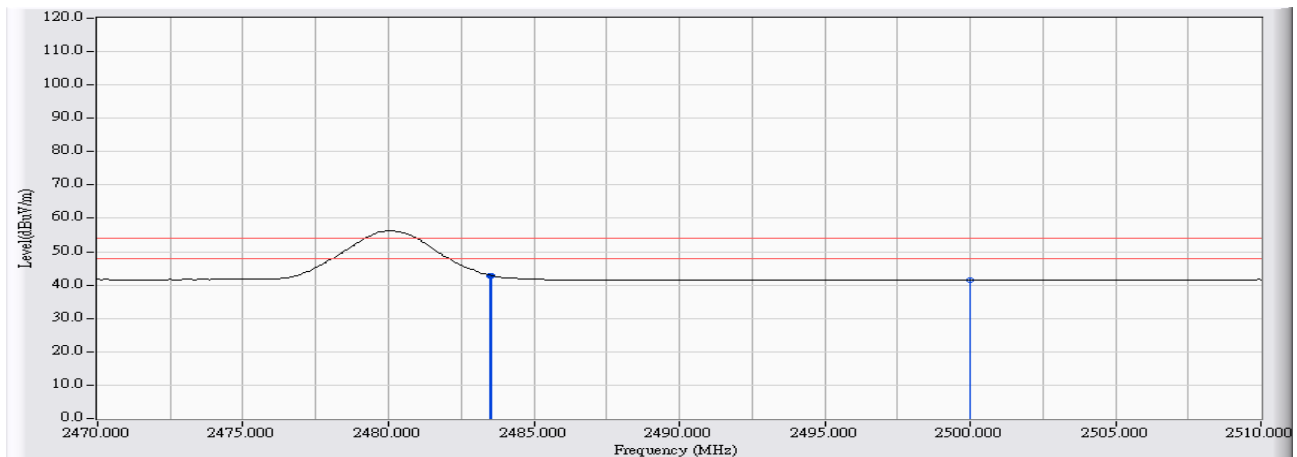


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	32.480	15.256	47.736	-6.264	74.000	54.000	AVERAGE
2		2483.520	32.480	15.209	47.689	-6.311	74.000	54.000	AVERAGE
3		2500.000	32.557	13.435	45.993	-8.007	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : Site 1	Time : 2009/10/02 - 13:51
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : CB4_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V/60Hz
EUT : Lazy pad Bluetooth	Note : TX-2480



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	14.695	42.850	-11.150	74.000	54.000	AVERAGE
2		2483.520	28.156	14.655	42.810	-11.190	74.000	54.000	AVERAGE
3		2500.000	28.142	13.446	41.588	-12.412	74.000	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

7. Number of hopping frequency

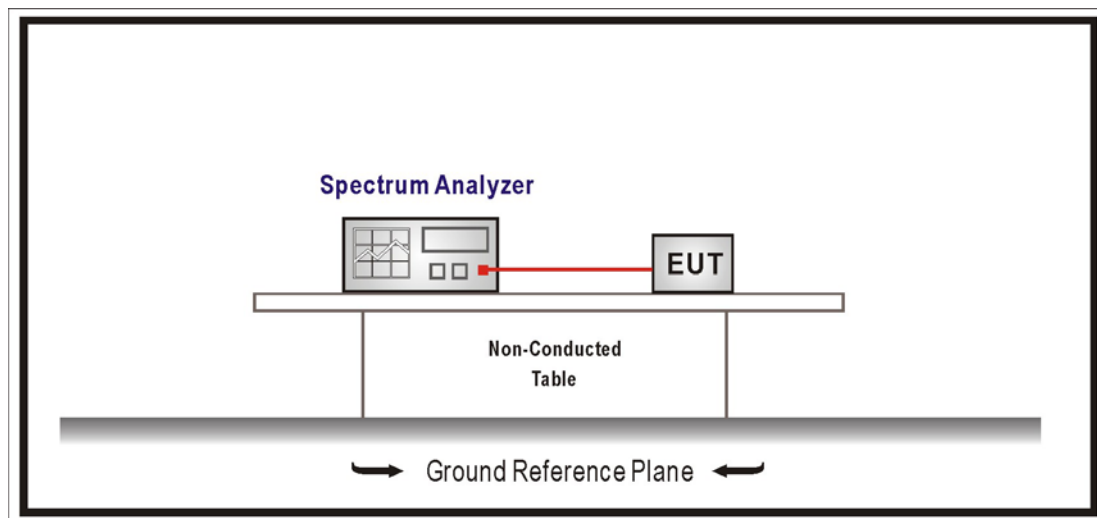
7.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

7.2. Test Setup



7.3. Limits

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

For frequency hopping systems operating in the 2400-2483.5 MHz bands, which use fewer than 75 hopping frequencies, may employ intelligent hopping techniques to avoid interference to other transmissions. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 non-overlapping channels are used.

For frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies.

7.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Span = the frequency band of operation

$RBW \geq 1\%$ of the span , $VBW \geq RBW$

Sweep = auto, Detector function = peak, Trace = max hold

7.5. Test Specification

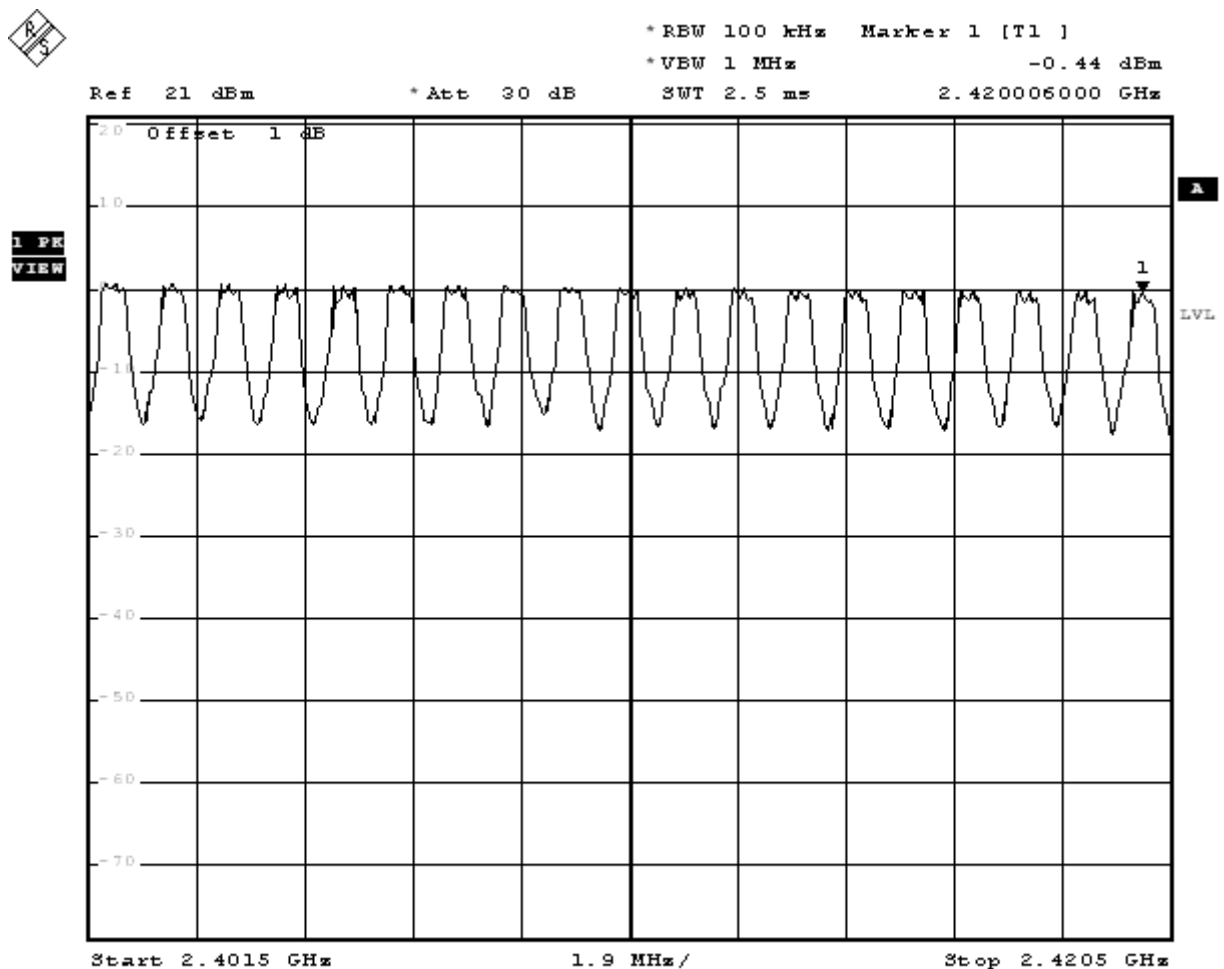
According to FCC Part 15 Subpart C Paragraph 15.247: 2008

7.6. Test Result

Product	Lazy pad Bluetooth		
Test Item	Number of hopping frequency		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

Frequency Range (MHz)	Measure Level (Hopping Channel)	Limit (Hopping Channel)	Result
2402 ~ 2480	79	>75	Pass

2402-2420MHz

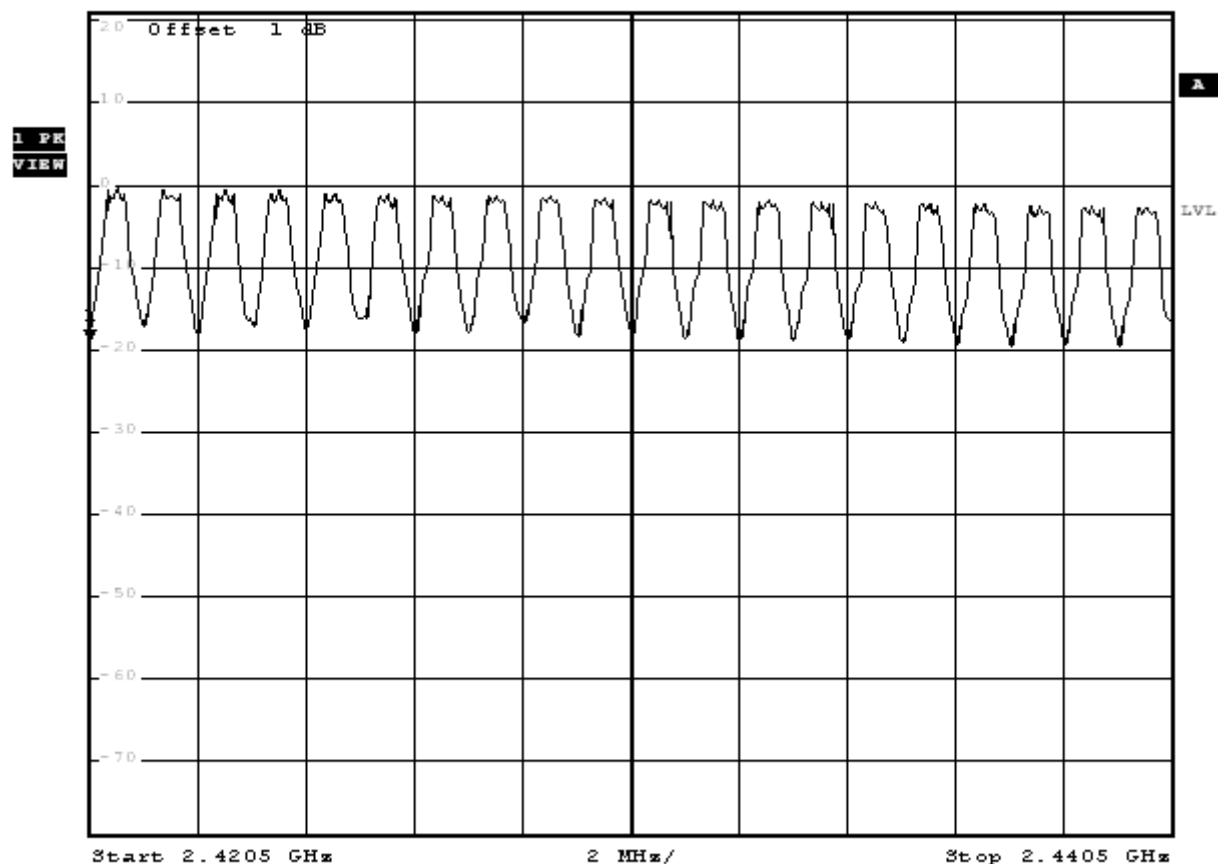


Date: 2.OCT.2009 15:15:22

2421-2440MHz



*RBW 100 kHz Marker 1 [T1]
 *VBW 1 MHz -18.80 dBm
 Ref 21 dBm *Att 30 dB SWT 2.5 ms 2.420500000 GHz

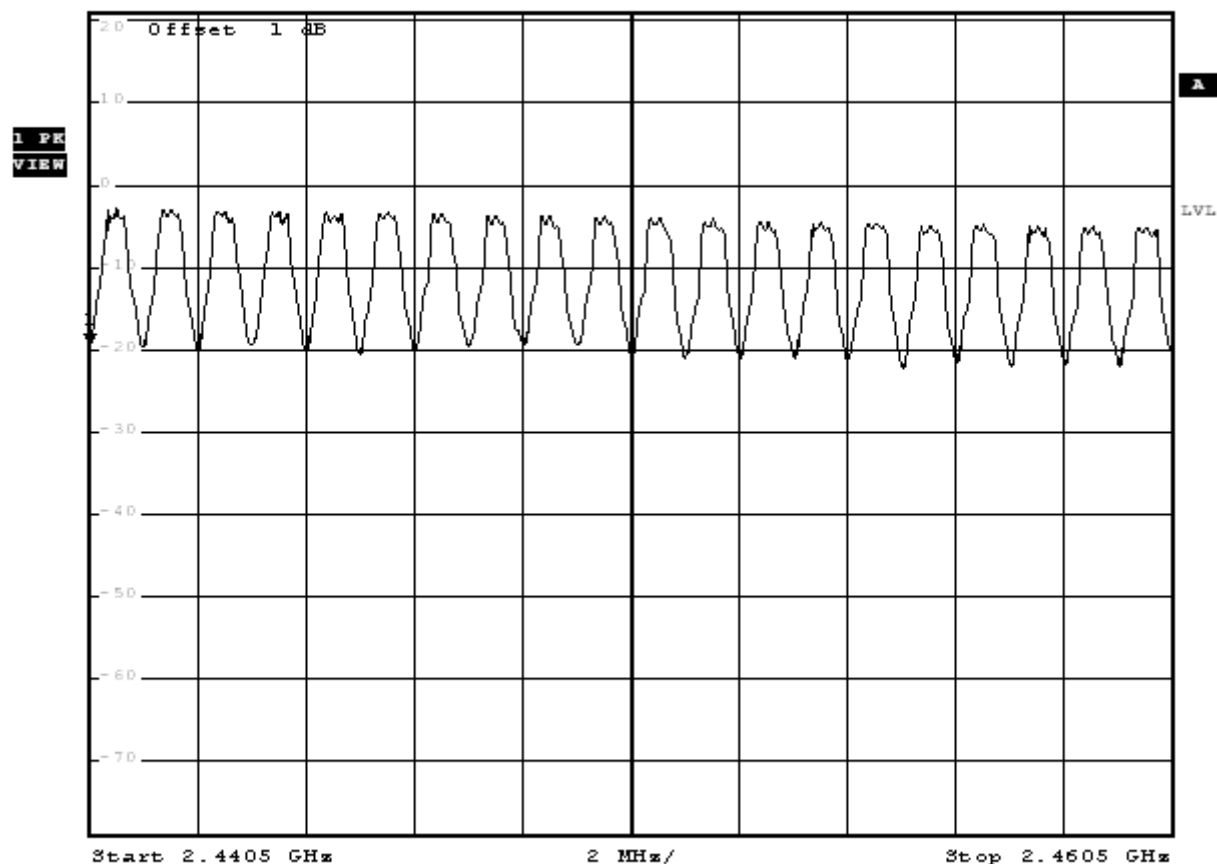


Date: 2.OCT.2009 15:19:33

2441-2460MHz



*RBW 100 kHz Marker 1 [T1]
 *VBW 1 MHz -19.18 dBm
 Ref 21 dBm *Att 30 dB SWT 2.5 ms 2.440500000 GHz



Date: 2.OCT.2009 15:35:11

2461-2480MHz

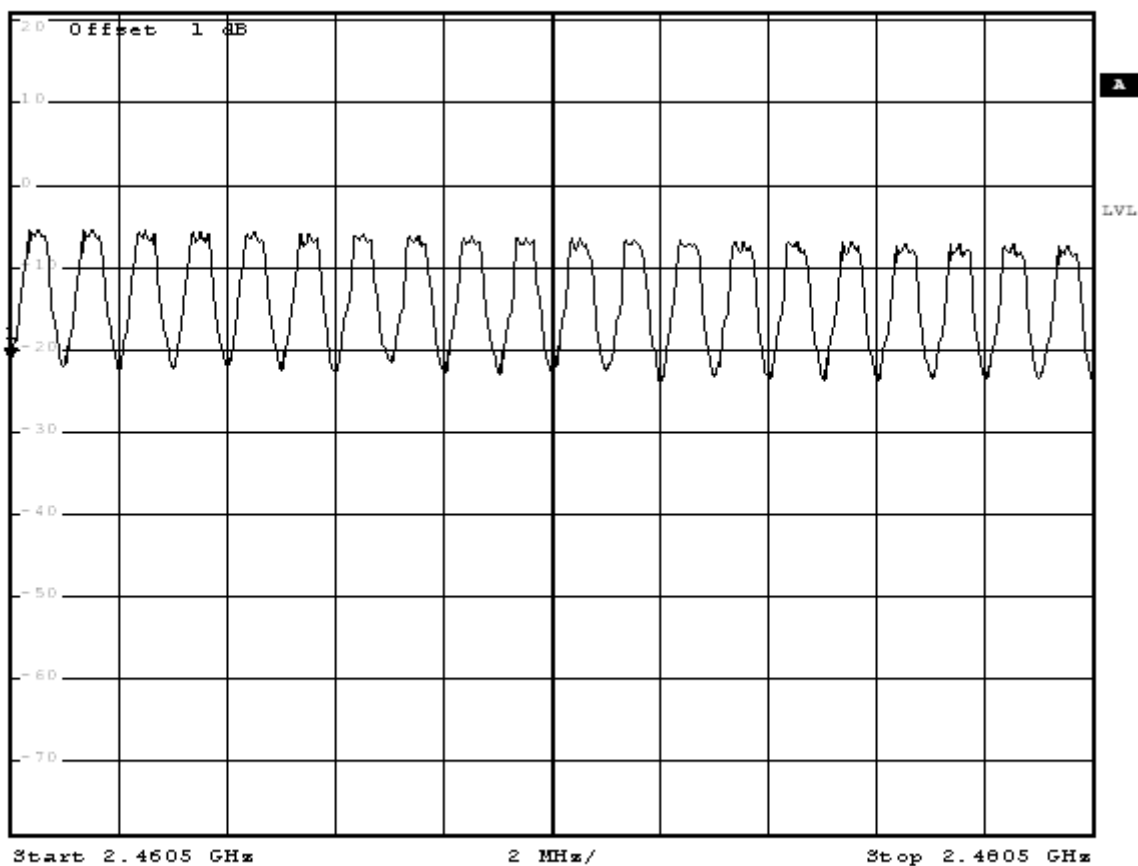


*RBW 100 kHz Marker 1 [T1]

*VBW 1 MHz -21.08 dBm

Ref 21 dBm *Att 30 dB SWT 2.5 ms 2.460500000 GHz

1 PK
VIEW



Date: 2.OCT.2009 15:38:57

8. Carrier Frequency Separation

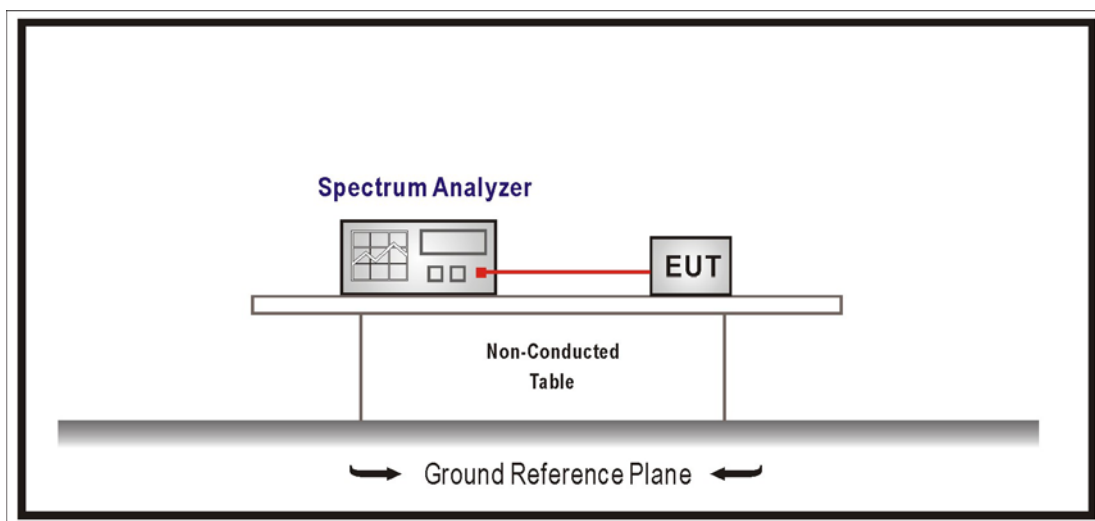
8.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

8.2. Test Setup



8.3. Limits

For frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.

8.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Span = wide enough to capture the peaks of two adjacent channels

Resolution Bandwidth (RBW) $\geq$ 1% of the span, VBW $\geq$ RBW

Sweep = auto, Detector function = peak, Trace = max hold

8.5. Test Specification

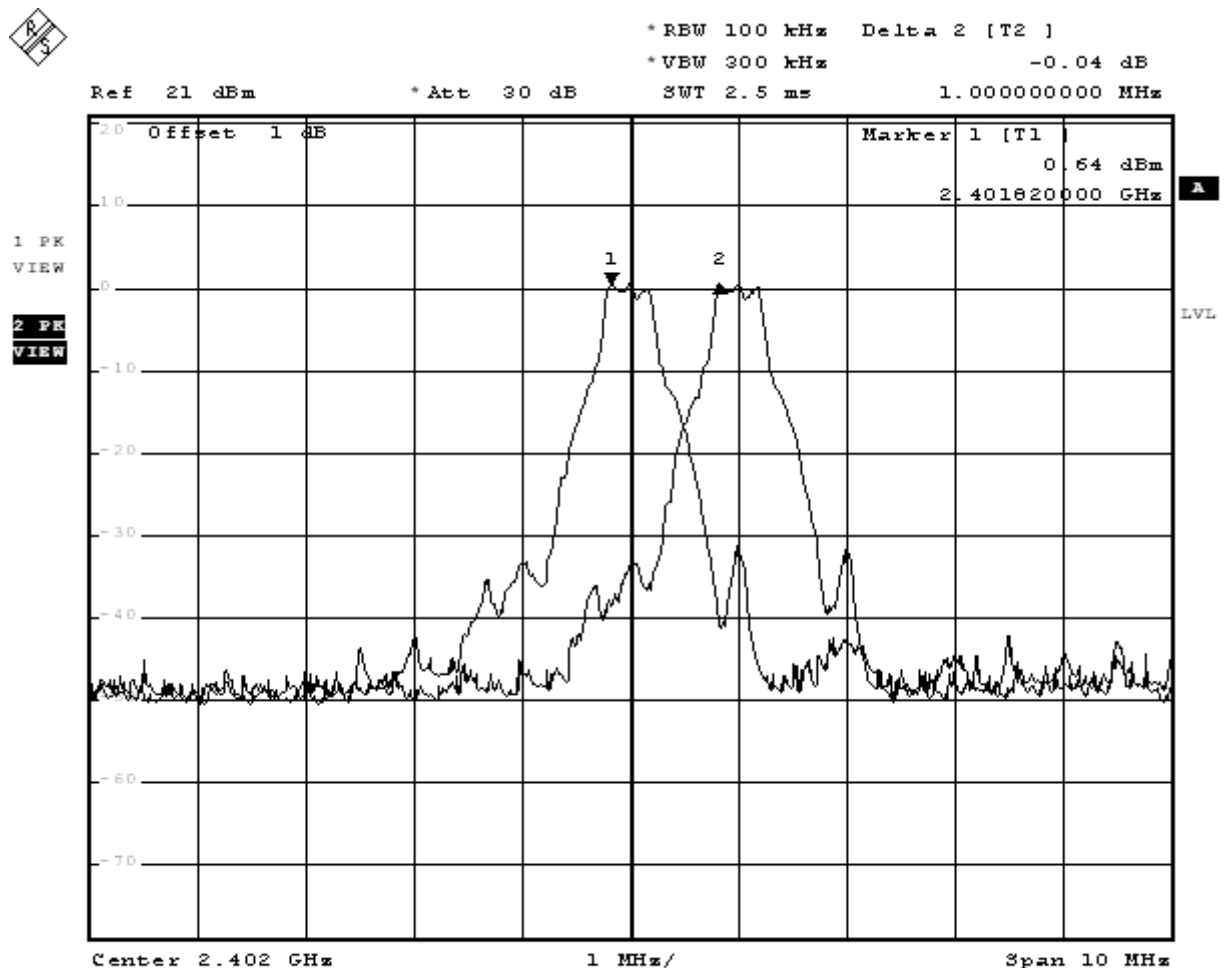
According to FCC Part 15 Subpart C Paragraph 15.247: 2008

8.6. Test Result

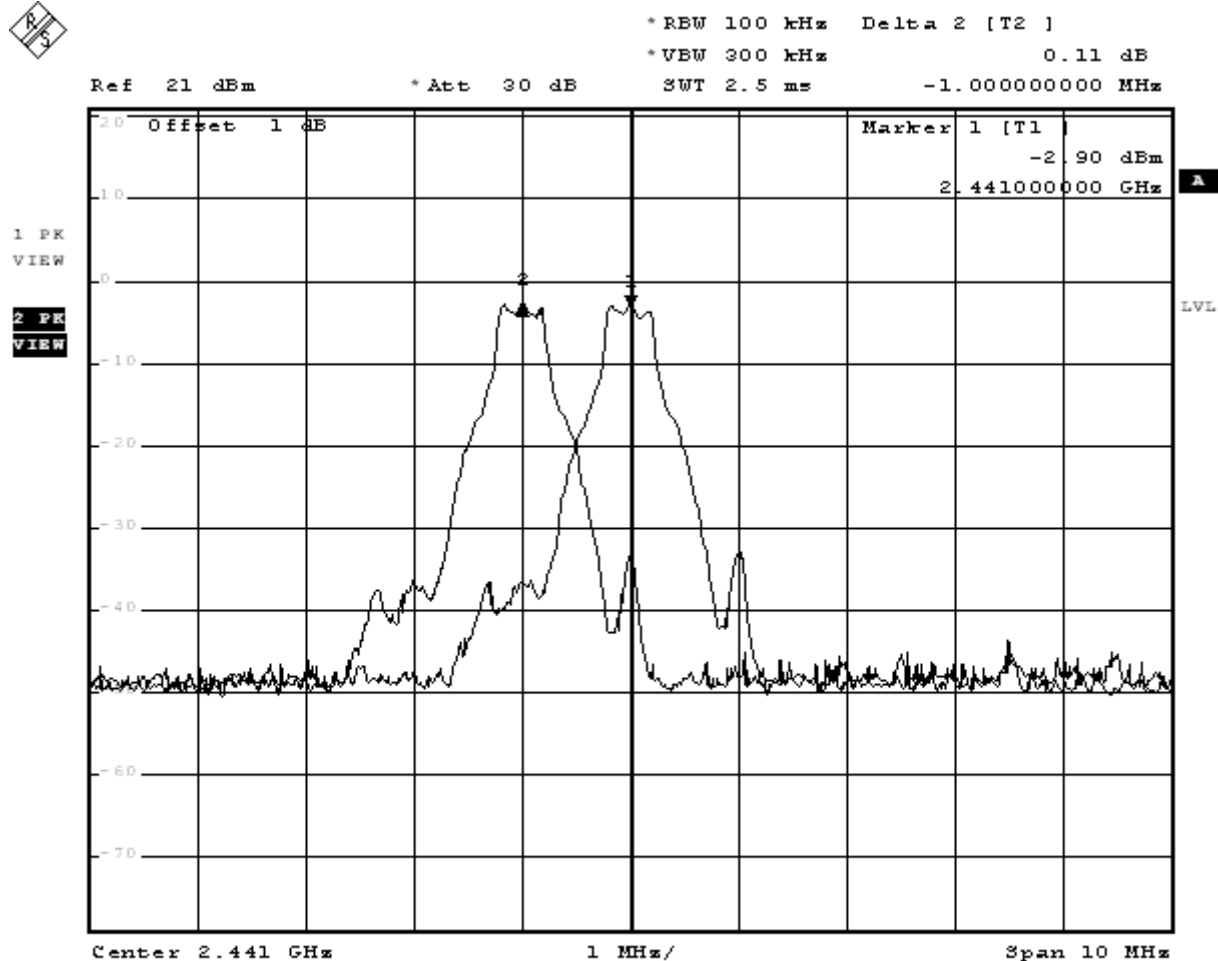
Product	Lazy pad Bluetooth		
Test Item	Carrier Frequency Separation		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

Channel No.	Frequency (MHz)	Measure Level (kHz)	Limit (kHz)	Result
00	2402.00	1000	>760	Pass
39	2441.00	1000	>760	Pass
78	2480.00	1000	>760	Pass

Channel 00

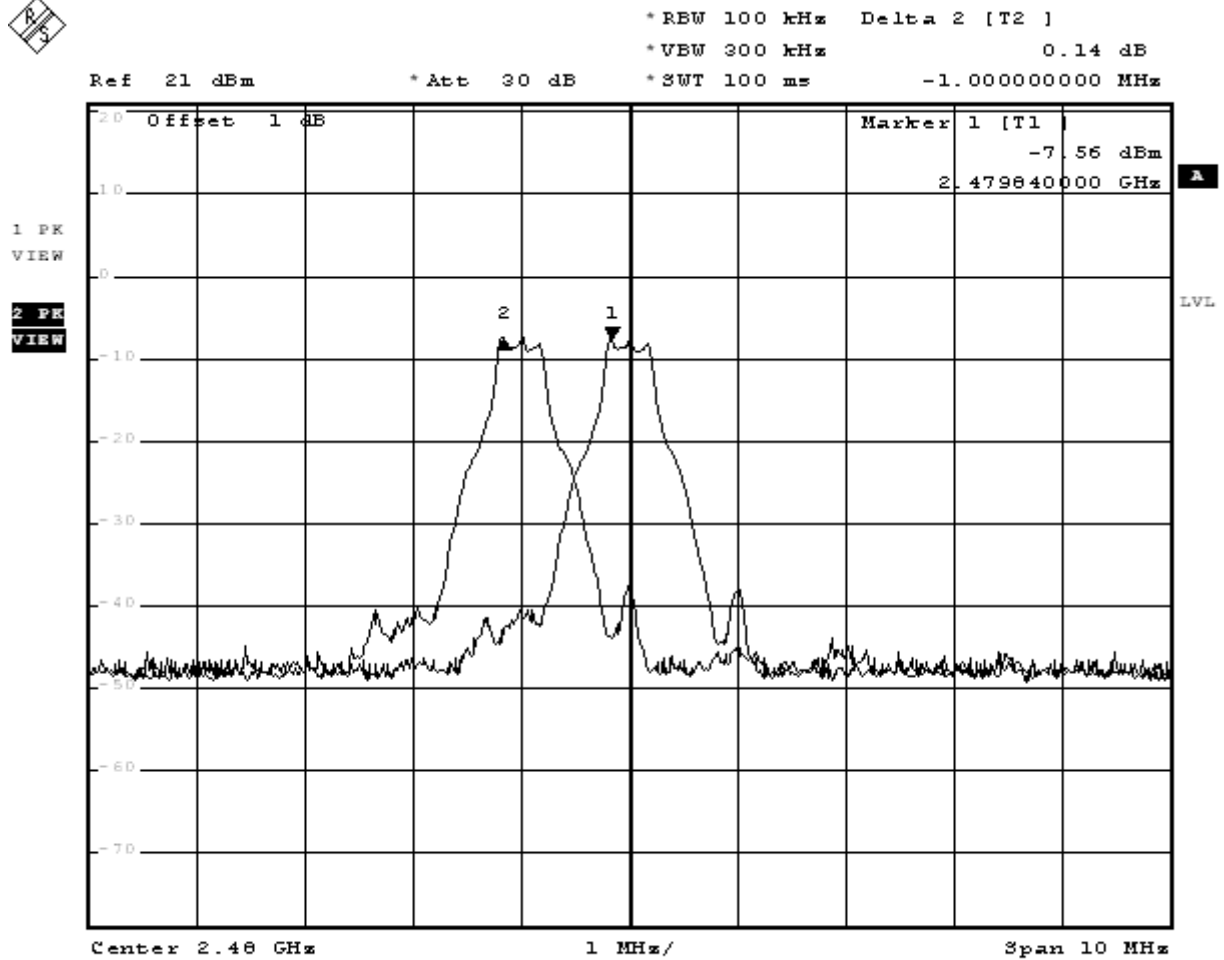


Channel 39



Date: 2.OCT.2009 15:07:46

Channel 78



Date: 2.OCT.2009 21:20:45

9. Occupied Bandwidth

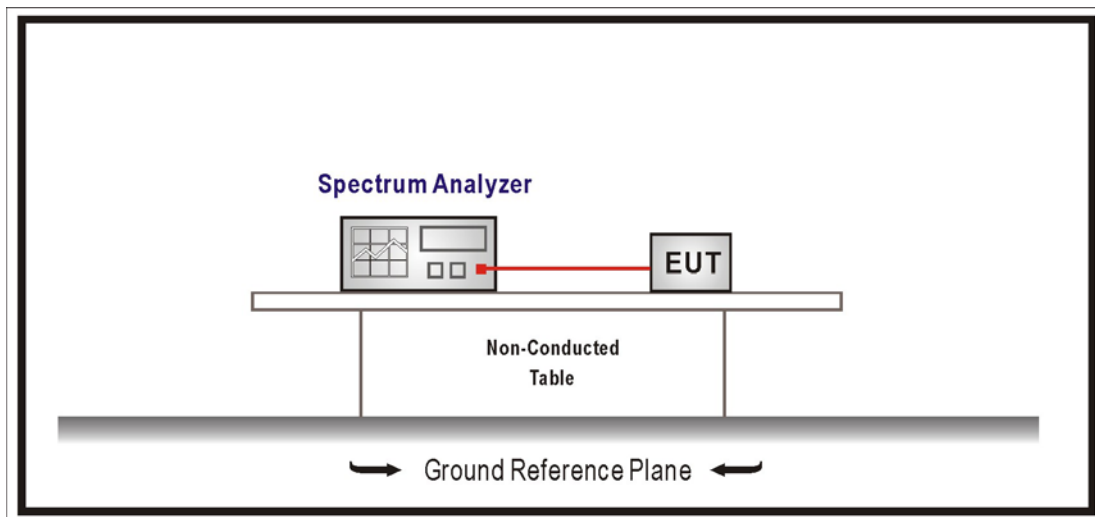
9.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.

9.2. Test Setup



9.3. Limits

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

For frequency hopping systems operating in the 5725-5850 MHz bands. The maximum 20 dB bandwidth of the hopping channel is 1 MHz.

For frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater.

9.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Use the following spectrum analyzer settings:

Span = approximately 2 to 3 times the 20 dB bandwidth, centered on a hopping channel

RBW $\geq$ 1% of the 20 dB bandwidth, VBW $\geq$ RBW

Sweep = auto, Detector function = peak, Trace = max hold

The EUT should be transmitting at its maximum data rate.

9.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

9.6. Uncertainty

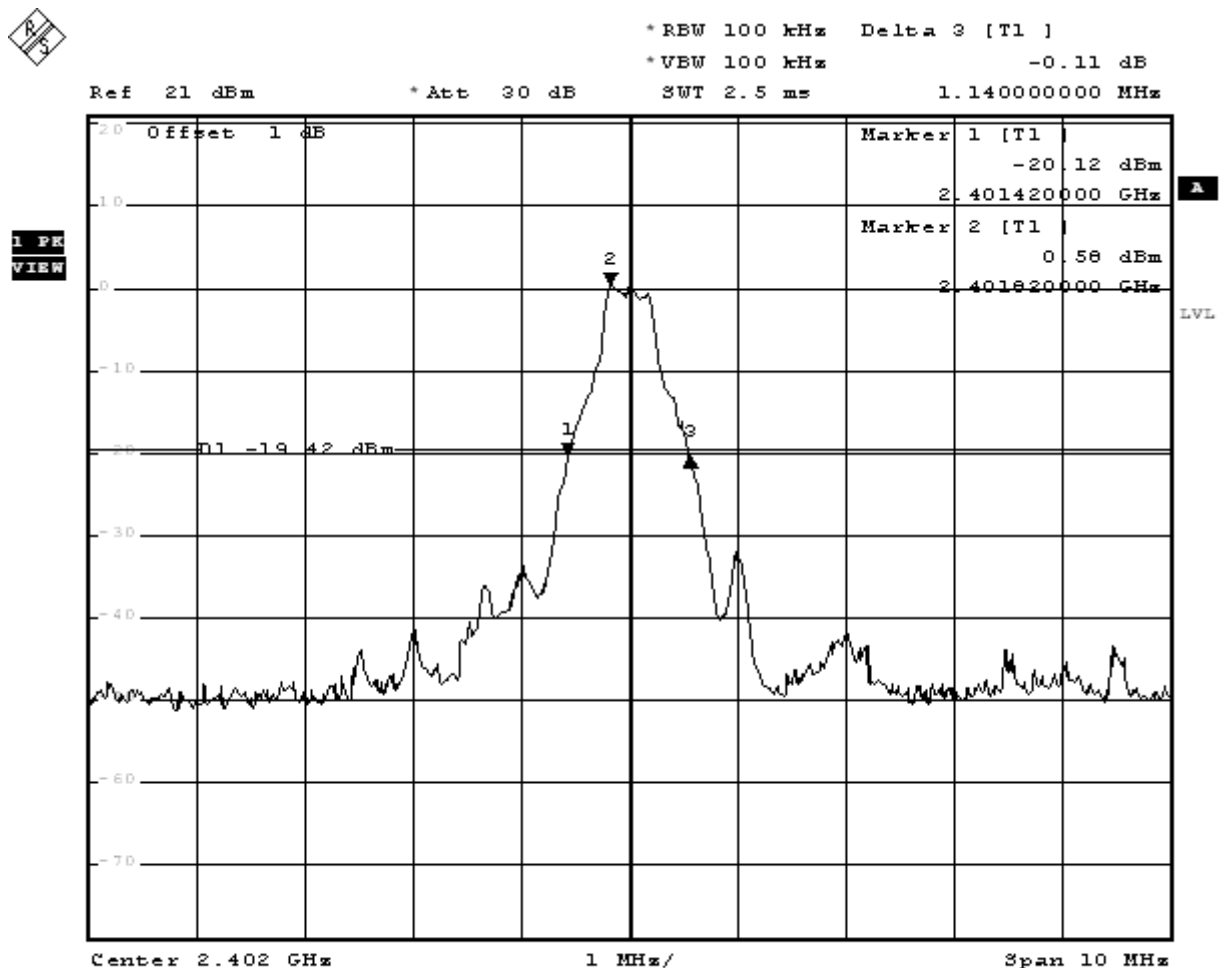
The measurement uncertainty is defined as $\pm 150\text{Hz}$

9.7. Test Result

Product	Lazy pad Bluetooth		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

GFSK				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
00	2402	1.14	--	Pass
39	2441	1.14	--	Pass
78	2480	1.14	--	Pass

Channel 00



Date: 2.OCT.2009 14:10:04

Channel 39

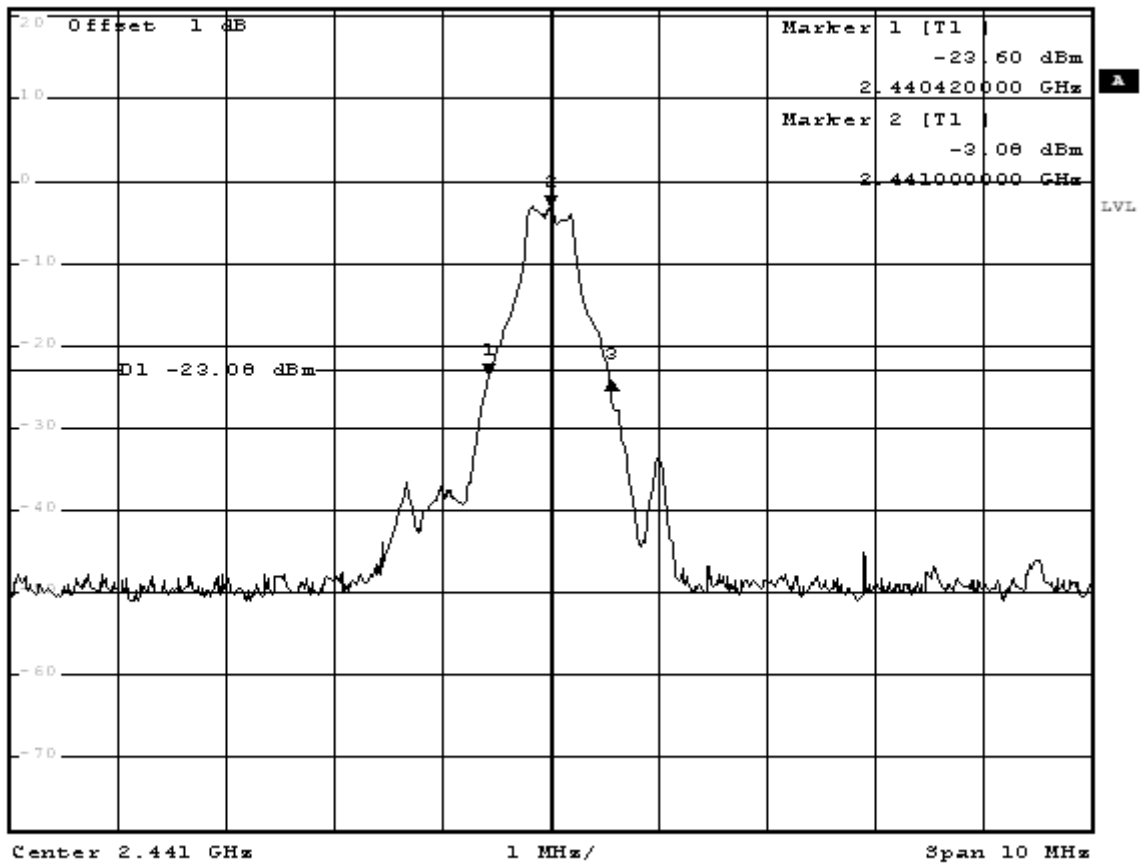


*RBW 100 kHz Delta 3 [T1]

*VBW 100 kHz -0.53 dB

Ref 21 dBm *Att 30 dB SWT 2.5 ms 1.140000000 MHz

1 PK
VIEW



Date: 2.OCT.2009 14:12:51

Channel 78



*RBW 100 kHz Delta 3 [T1]

*VBW 100 kHz -0.21 dB

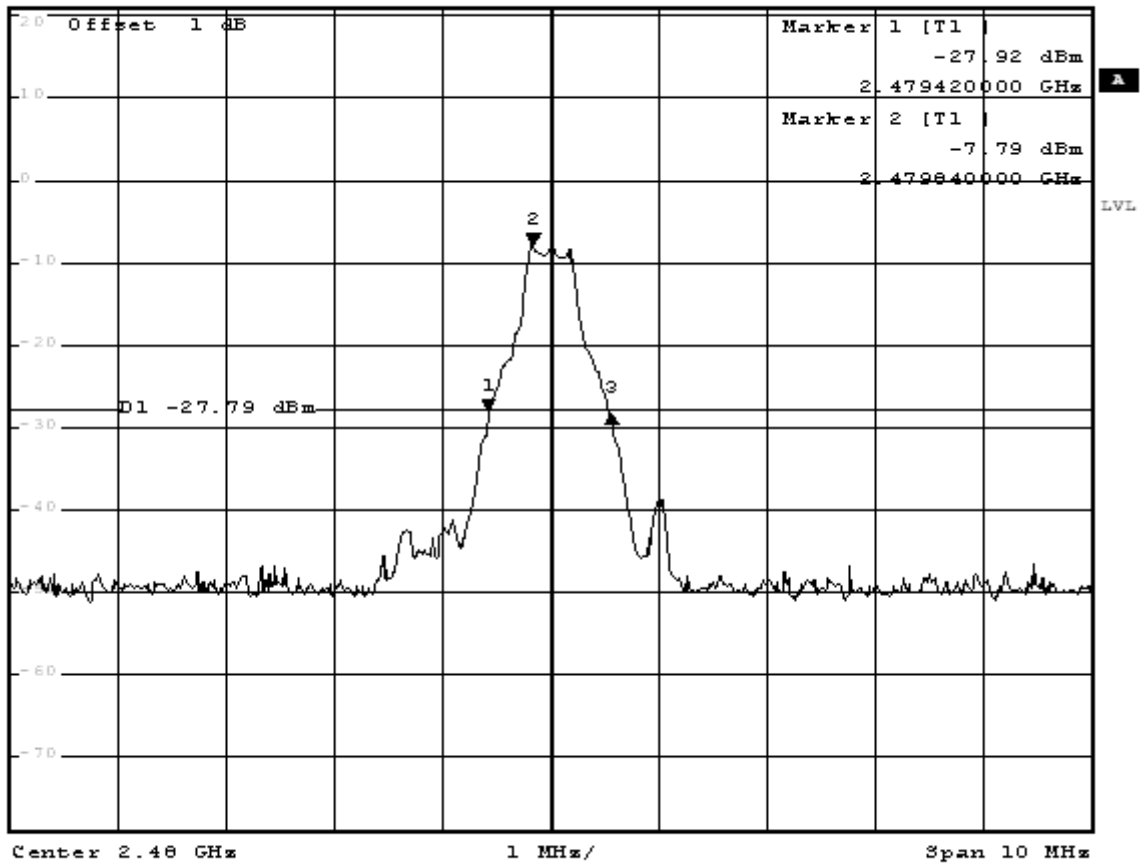
Ref 21 dBm

*Att 30 dB

SWT 2.5 ms

1.140000000 MHz

1 PE
VIEW

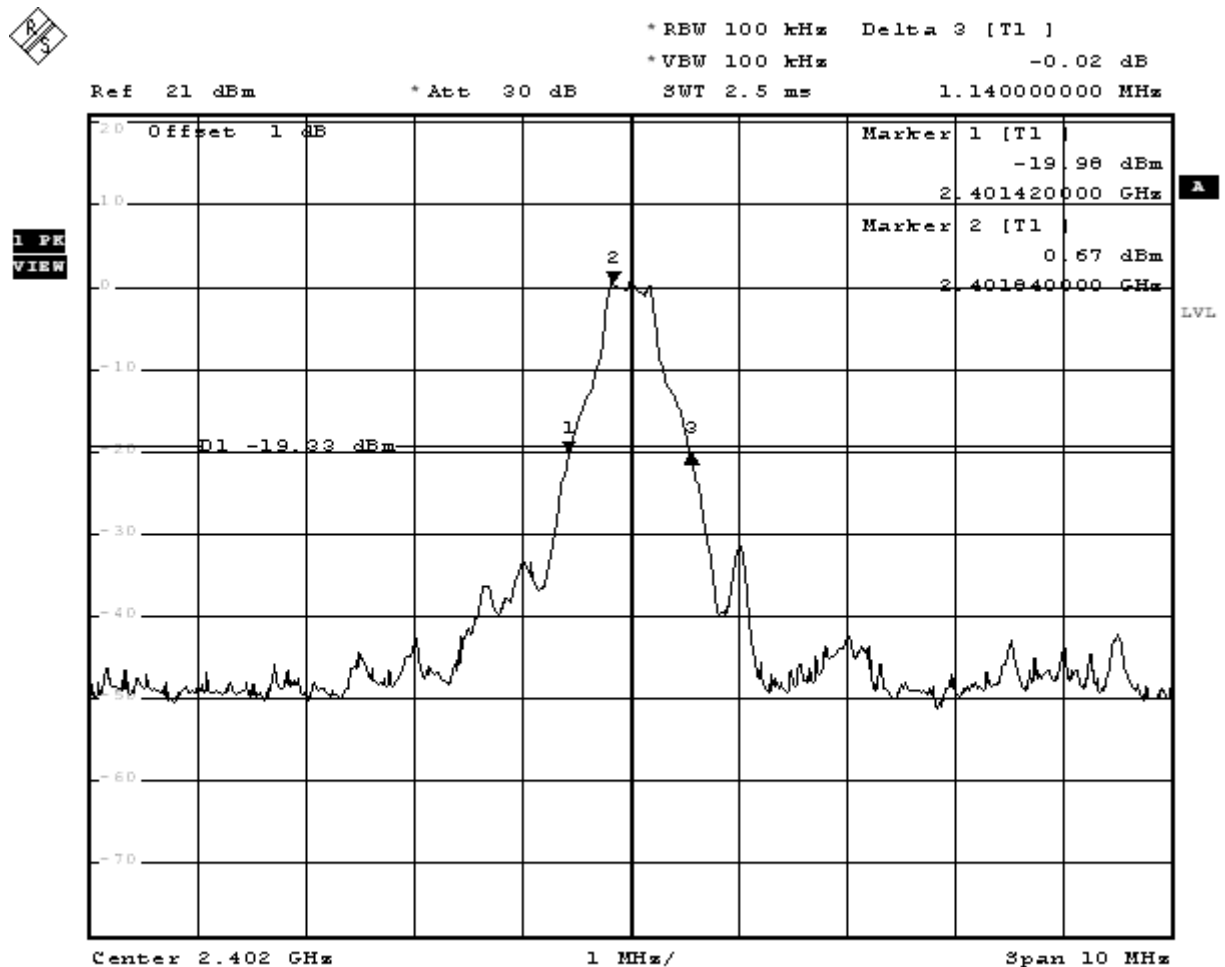


Date: 2.OCT.2009 14:14:22

Product	Lazy pad Bluetooth		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

$\pi/4$ DQPSK				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
00	2402	1.14	--	Pass
39	2441	1.14	--	Pass
78	2480	1.14	--	Pass

Channel 00



Date: 2.OCT.2009 14:35:32

Channel 39



*RBW 100 kHz Delta 3 [T1]

*VBW 100 kHz

0.02 dB

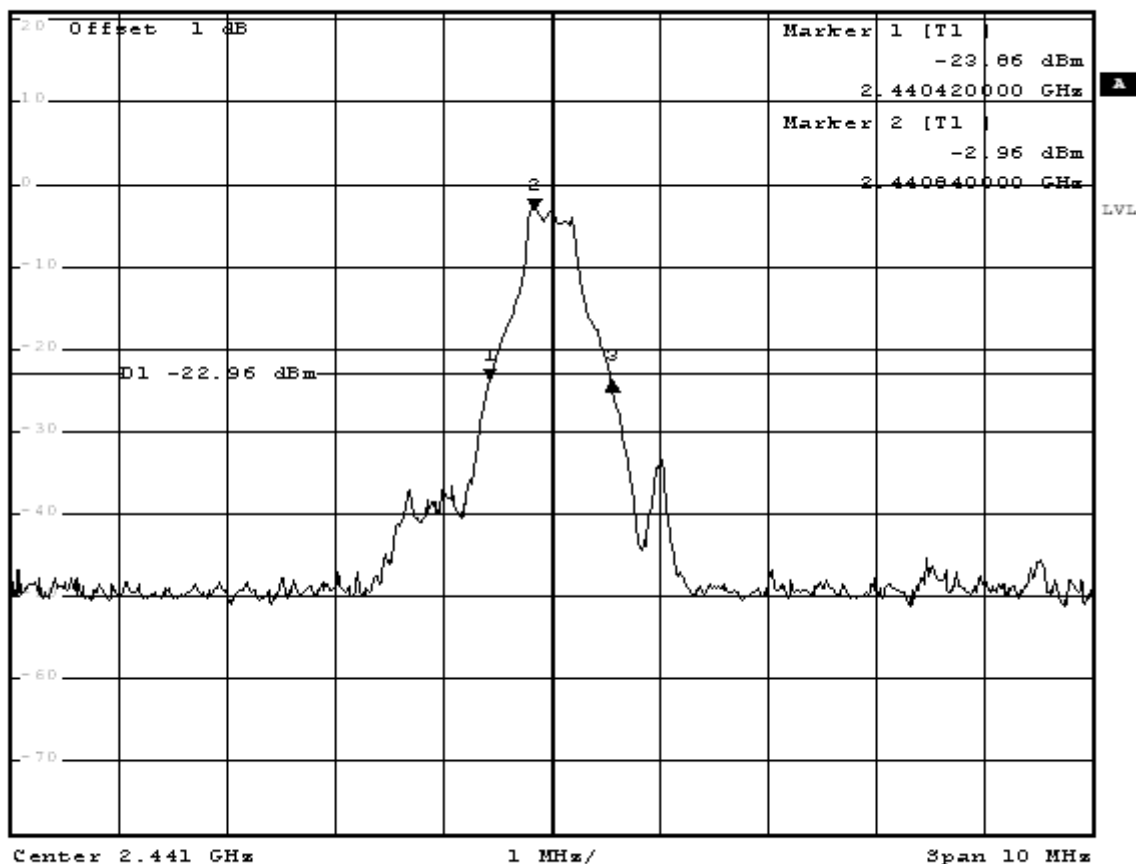
Ref 21 dBm

*Att 30 dB

SWT 2.5 ms

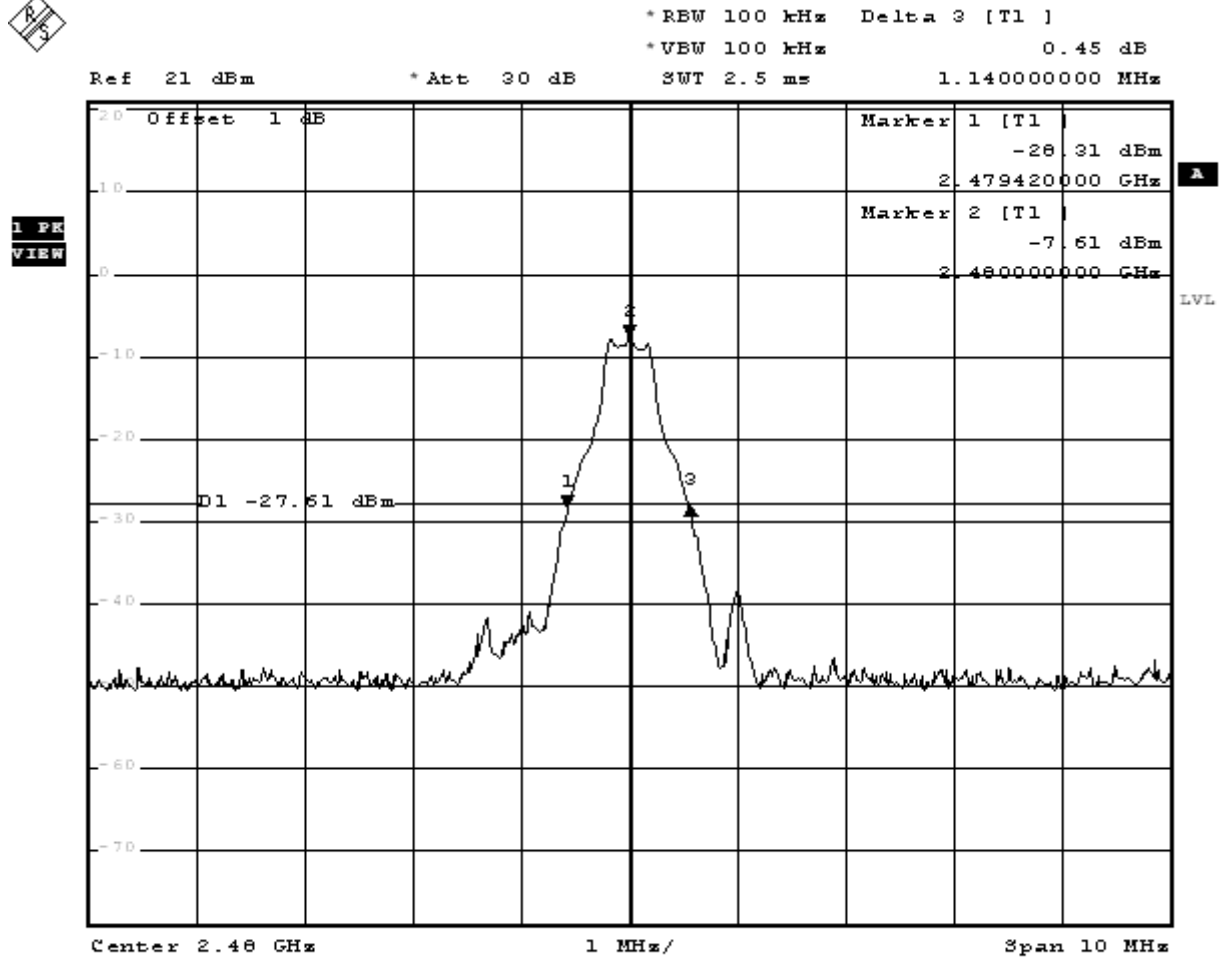
1.140000000 MHz

1 PE
VIEW



Date: 2.OCT.2009 14:37:15

Channel 78

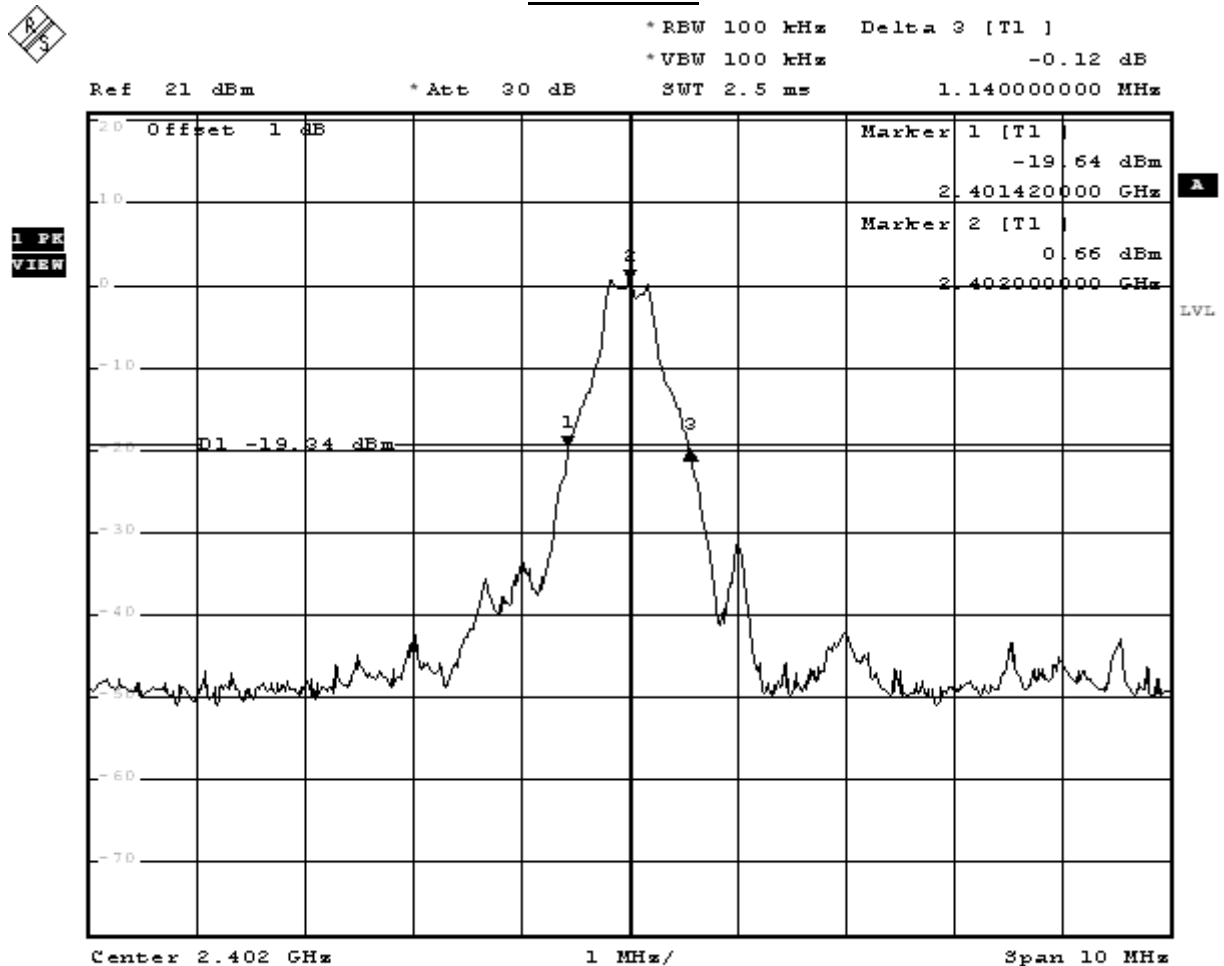


Date: 2.OCT.2009 14:38:25

Product	Lazy pad Bluetooth		
Test Item	Occupied Bandwidth		
Test Mode	Mode 1: Transmit		
Date of Test	2009/10/02	Test Site	No.1 OATS

8-DPSK				
Channel No.	Frequency (MHz)	Measure Level (MHz)	Limit (MHz)	Result
00	2402	1.14	--	Pass
39	2441	1.14	--	Pass
78	2480	1.12	--	Pass

Channel 00



Date: 2.OCT.2009 14:42:37

Channel 39



*RBW 100 kHz Delta 3 [T1]

*VBW 100 kHz -1.36 dB

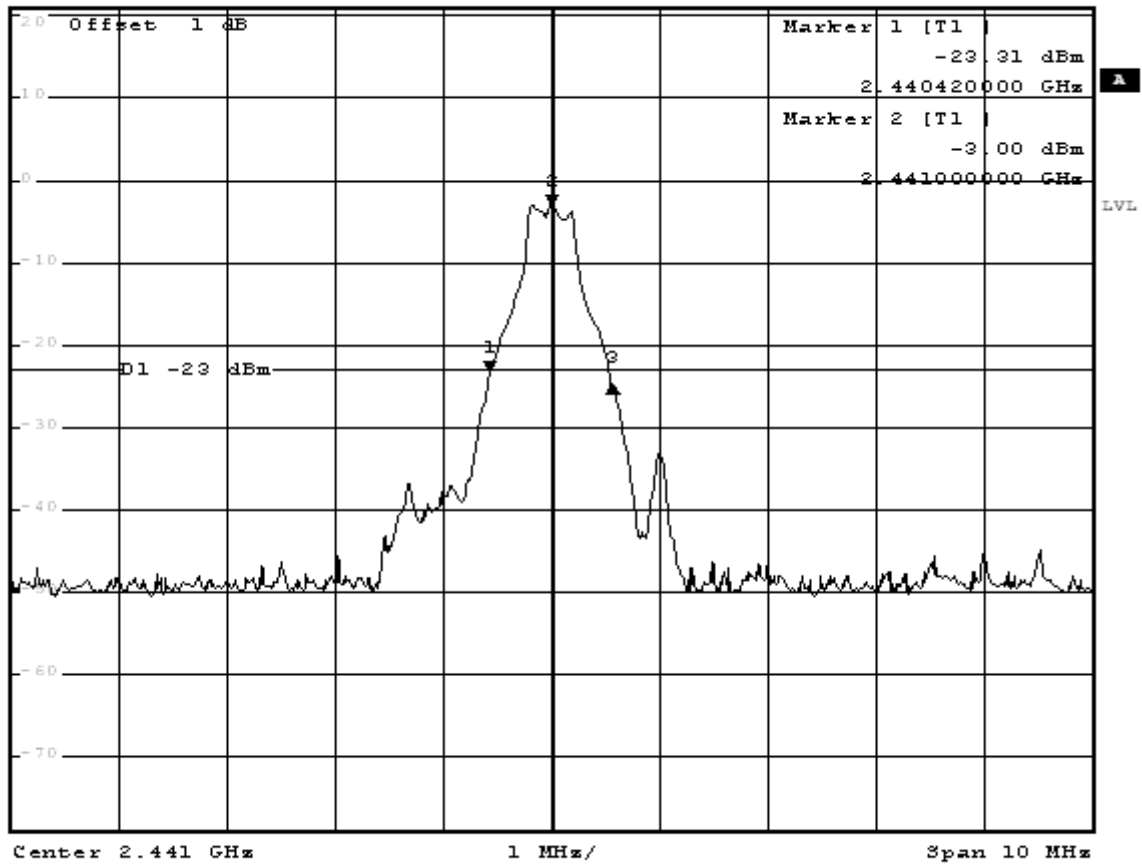
Ref 21 dBm

*Att 30 dB

SWT 2.5 ms

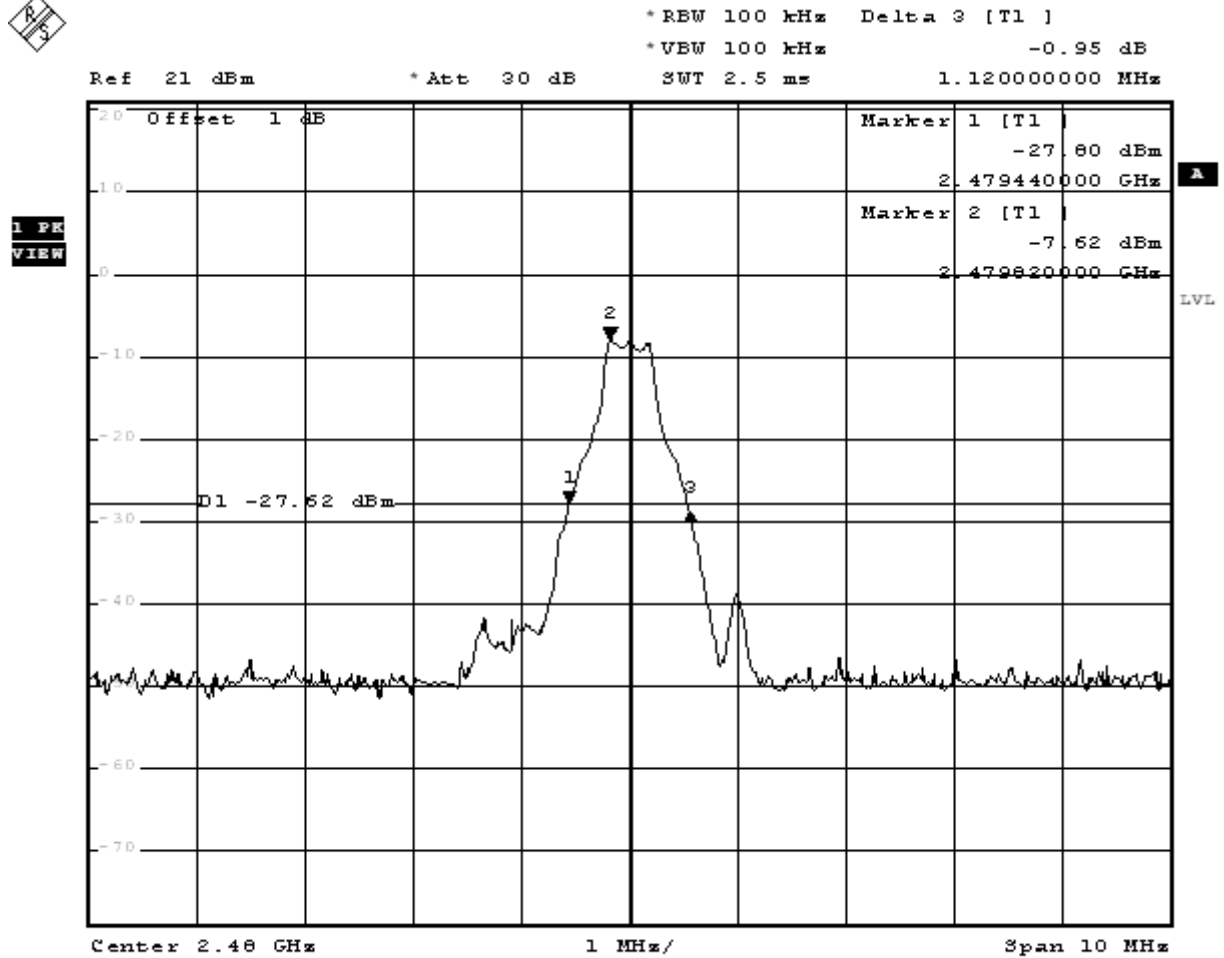
1.140000000 MHz

1 PE
VIEW



Date: 2.OCT.2009 14:43:59

Channel 78



Date: 2.OCT.2009 14:45:12

10. Dwell Time

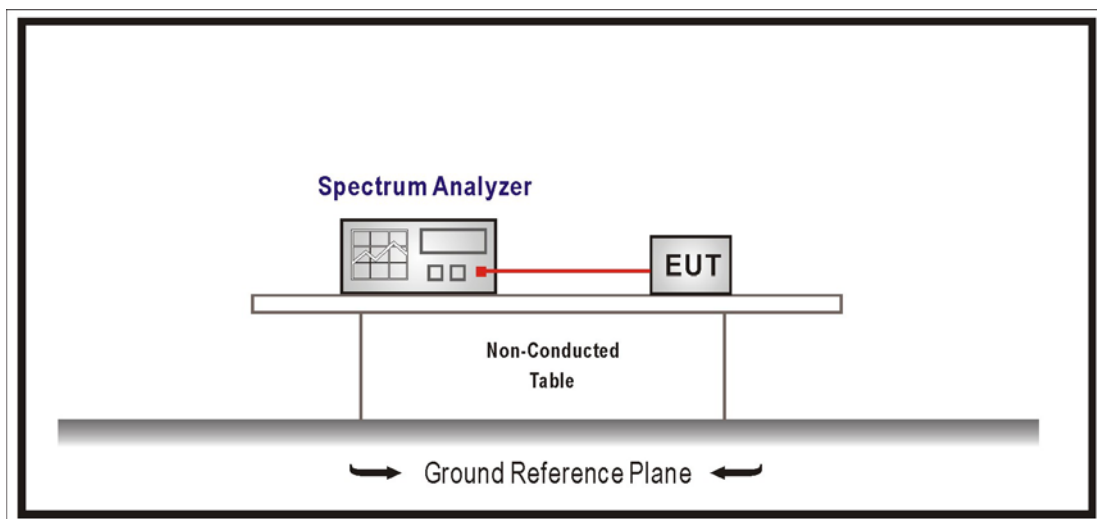
10.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Mar., 2009
2	No.1 OATS			Sep., 2009

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

10.2. Test Setup



10.3. Limits

For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. For frequency hopping systems operating in the 2400-2483.5 MHz bands. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. For frequency hopping systems operating in the 5725-5850 MHz bands. The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 30 second period.

10.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003 and tested according to FHSS test procedure of FCC Public Notice DA 00-705 for compliance to FCC 47CFR 15.247 requirements

Span = zero span, centered on a hopping channel

RBW = 1 MHz, VBW $\geq$ RBW

Sweep = as necessary to capture the entire dwell time per hopping channel

Detector function = peak, Trace = max hold

10.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2008

10.6. Test Result

Product	Lazy pad Bluetooth		
Test Item	Dwell Time		
Test Mode	Mode 1: Transmit		
Date of Test	2009/11/05	Test Site	No.1 OATS

DH1

Occupancy Time of Frequency Hopping System

A) 2402MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$ · Hopping Times Within 1sec: $8/10\text{msec} = 800/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00048 \times (800/79) \times 31.6 = 0.1536\text{sec}$ ·

B) 2441MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$ · Hopping Times Within 1sec: $8/10\text{msec} = 800/\text{sec}$

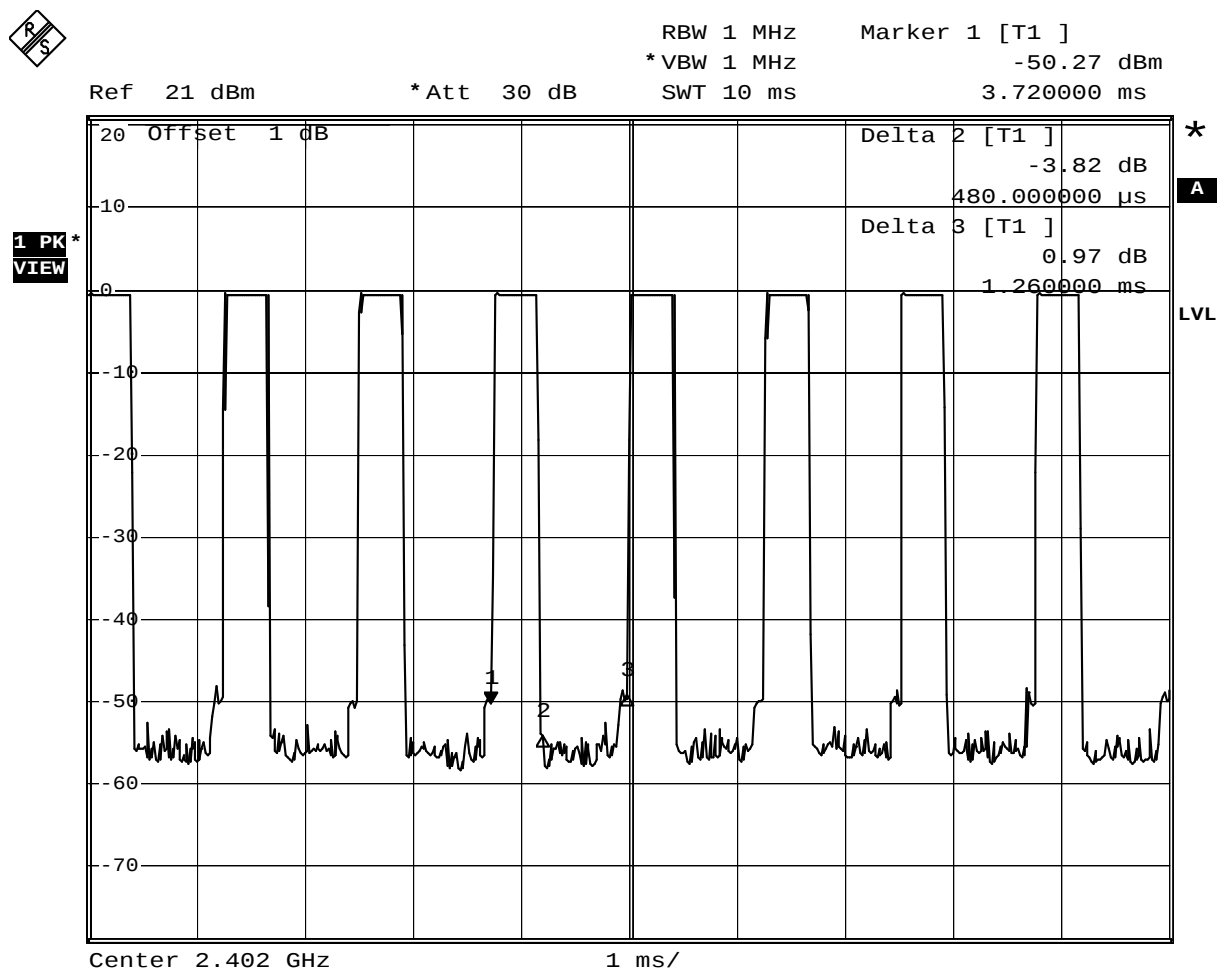
The Maximum Occupancy Time Within 31.6sec: $0.00050 \times (800/79) \times 31.6 = 0.1600\text{sec}$ ·

C) 2480MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$ · Hopping Times Within 1sec: $8/10\text{msec} = 800/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00048 \times (800/79) \times 31.6 = 0.1536\text{sec}$ ·

Test Result: The Average Occupancy Time of Each Highest · Middle and Lowest Channel Is Less Than 0.4sec · And Corresponds to The Standard ·

Hop rate-2402MHz

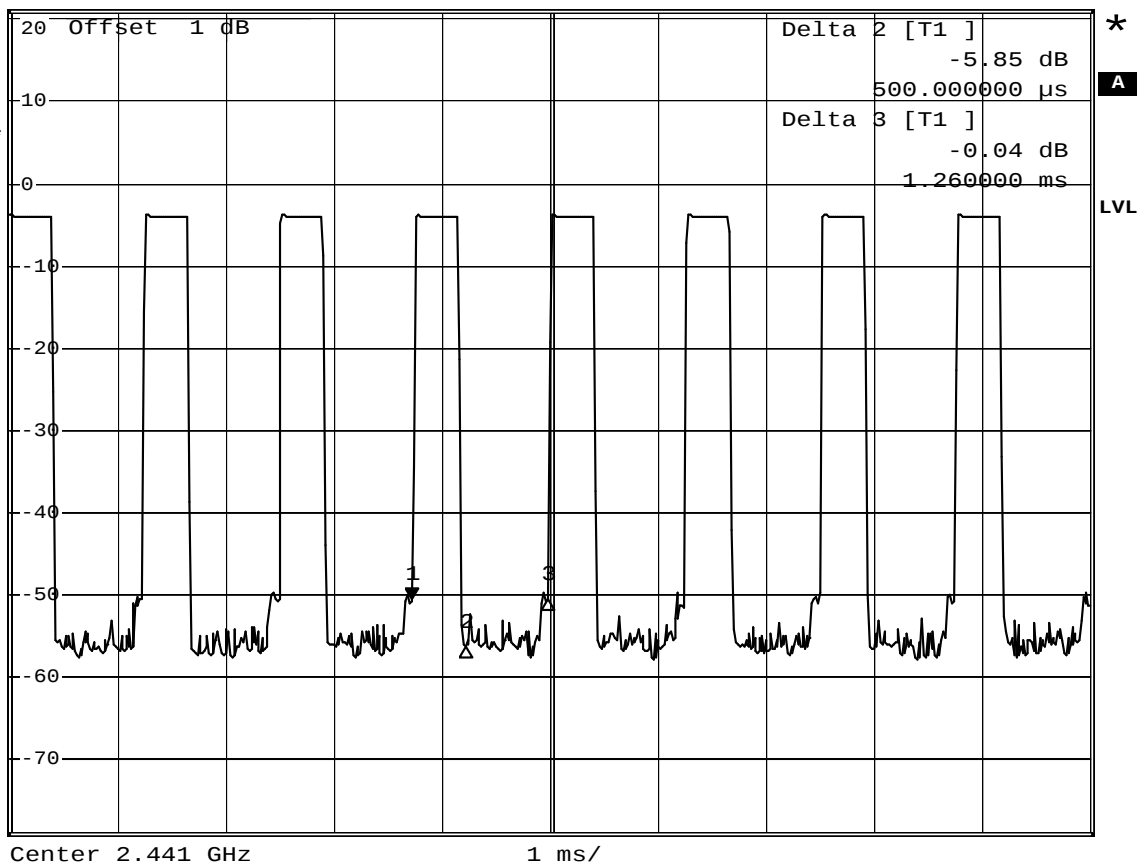


Hop rate-2441MHz



Ref 21 dBm * Att 30 dB RBW 1 MHz Marker 1 [T1] -50.46 dBm
 * VBW 1 MHz SWT 10 ms 3.720000 ms

1 PK*
VIEW

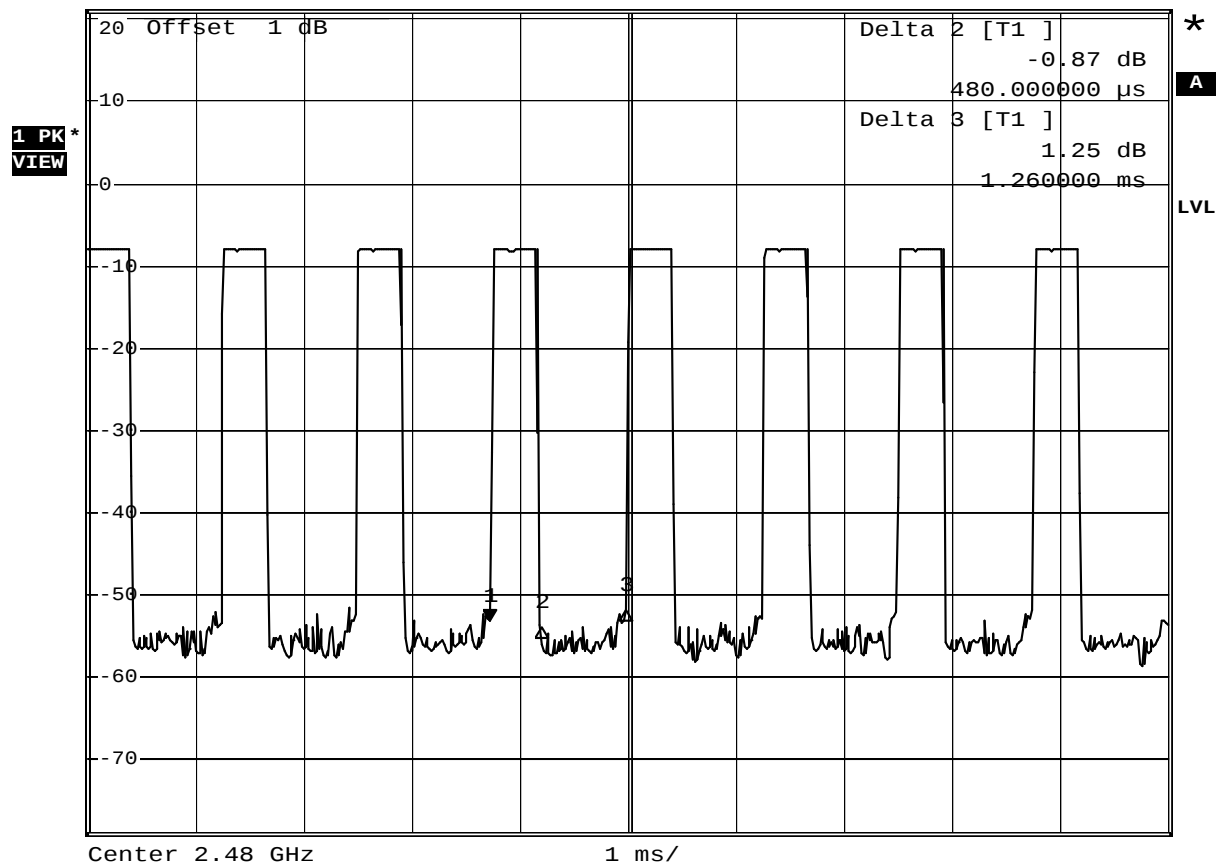


Date: 5.NOV.2009 16:17:47

Hop rate-2480MHz



Ref 21 dBm * Att 30 dB RBW 1 MHz Marker 1 [T1] -53.08 dBm
 * VBW 1 MHz SWT 10 ms 3.720000 ms



Date: 5.NOV.2009 16:18:48

Note: Dwell time=time slot length * hop rate / number of hopping channels * period

Product	Lazy pad Bluetooth		
Test Item	Dwell Time		
Test Mode	Mode 1: Transmit		
Date of Test	2009/11/05	Test Site	No.1 OATS

DH3

Occupancy Time of Frequency Hopping System

A) 2402MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $8/20\text{msec} = 400/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00188 \times (400/79) \times 31.6 = 0.3008\text{sec}$.

B) 2441MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $8/20\text{msec} = 400/\text{sec}$

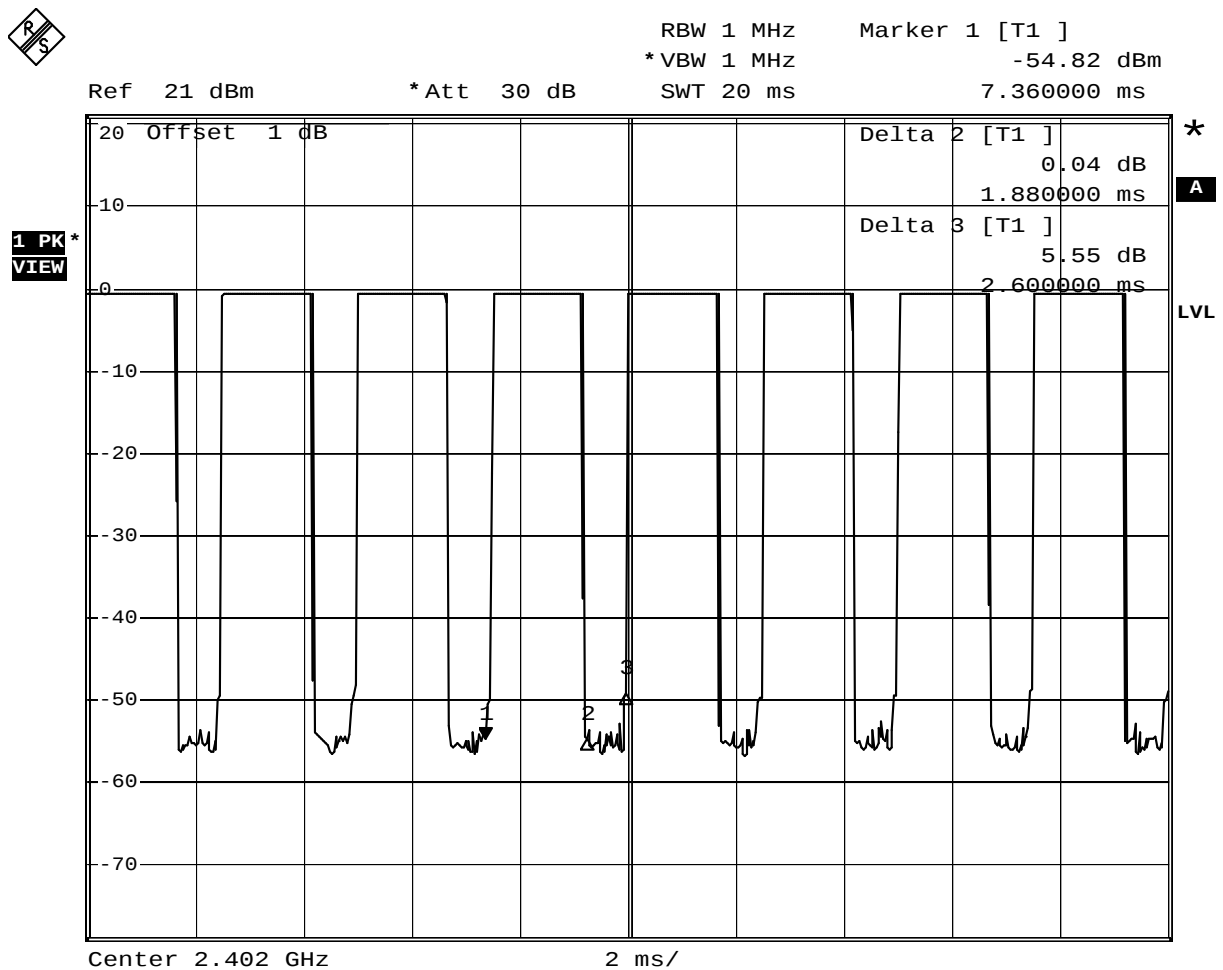
The Maximum Occupancy Time Within 31.6sec: $0.00188 \times (400/79) \times 31.6 = 0.3008\text{sec}$.

C) 2480MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $8/20\text{msec} = 400/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00180 \times (400/79) \times 31.6 = 0.2880\text{sec}$.

Test Result: The Average Occupancy Time of Each Highest , Middle and Lowest Channel Is Less Than 0.4sec , And Corresponds to The Standard .

Hop rate-2402MHz

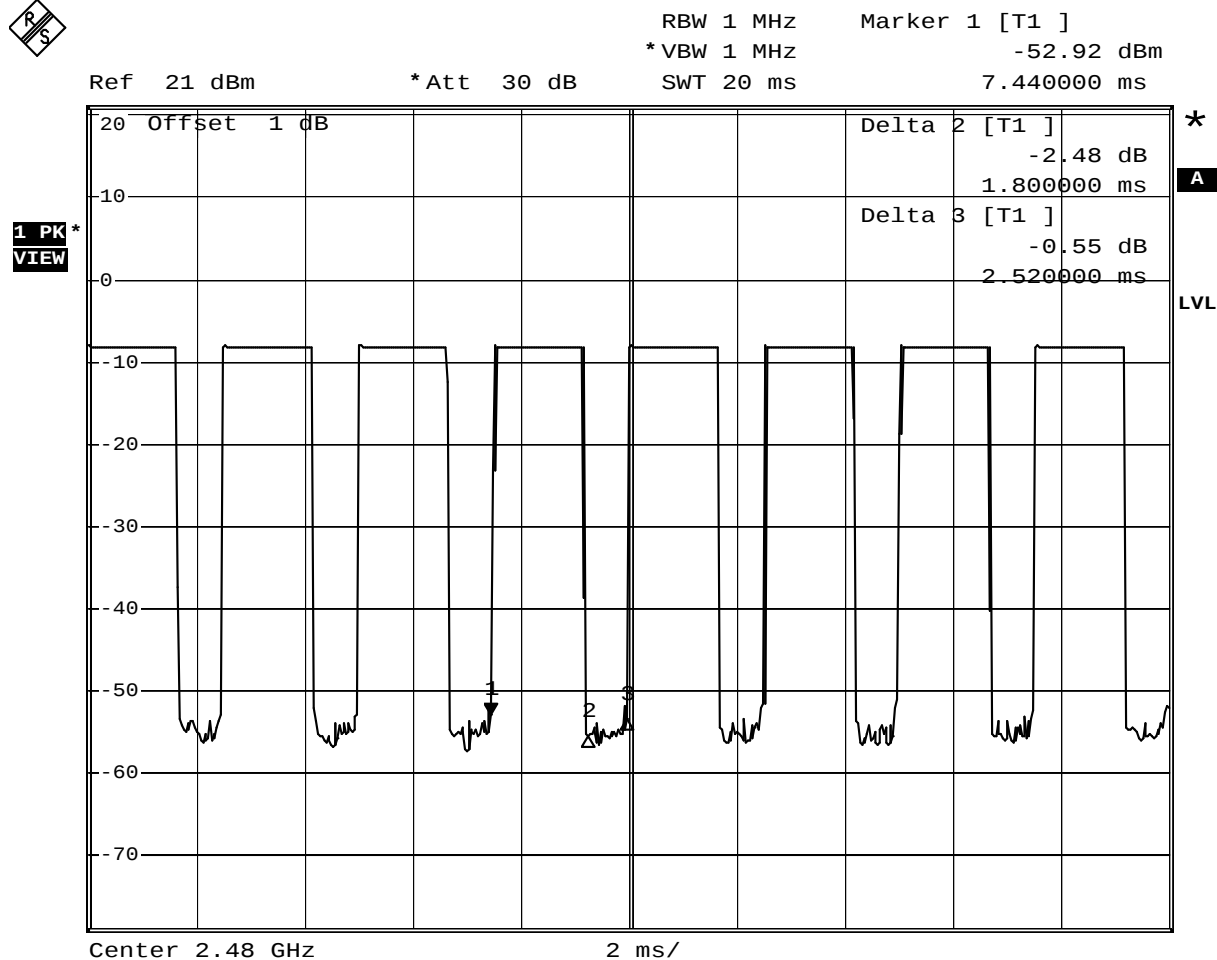


Date: 5.NOV.2009 16:14:31

1 PK *
VIEW



Hop rate-2480MHz



Date: 5.NOV.2009 16:12:29

Note: Dwell time=time slot length * hop rate / number of hopping channels * period

Product	Lazy pad Bluetooth		
Test Item	Dwell Time		
Test Mode	Mode 1: Transmit		
Date of Test	2009/11/05	Test Site	No.1 OATS

DH5

Occupancy Time of Frequency Hopping System

A) 2402MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $5.5/20\text{msec} = 275/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00310 \times (275/79) \times 31.6 = 0.3410\text{sec}$.

B) 2441MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $5.5/20\text{msec} = 275/\text{sec}$

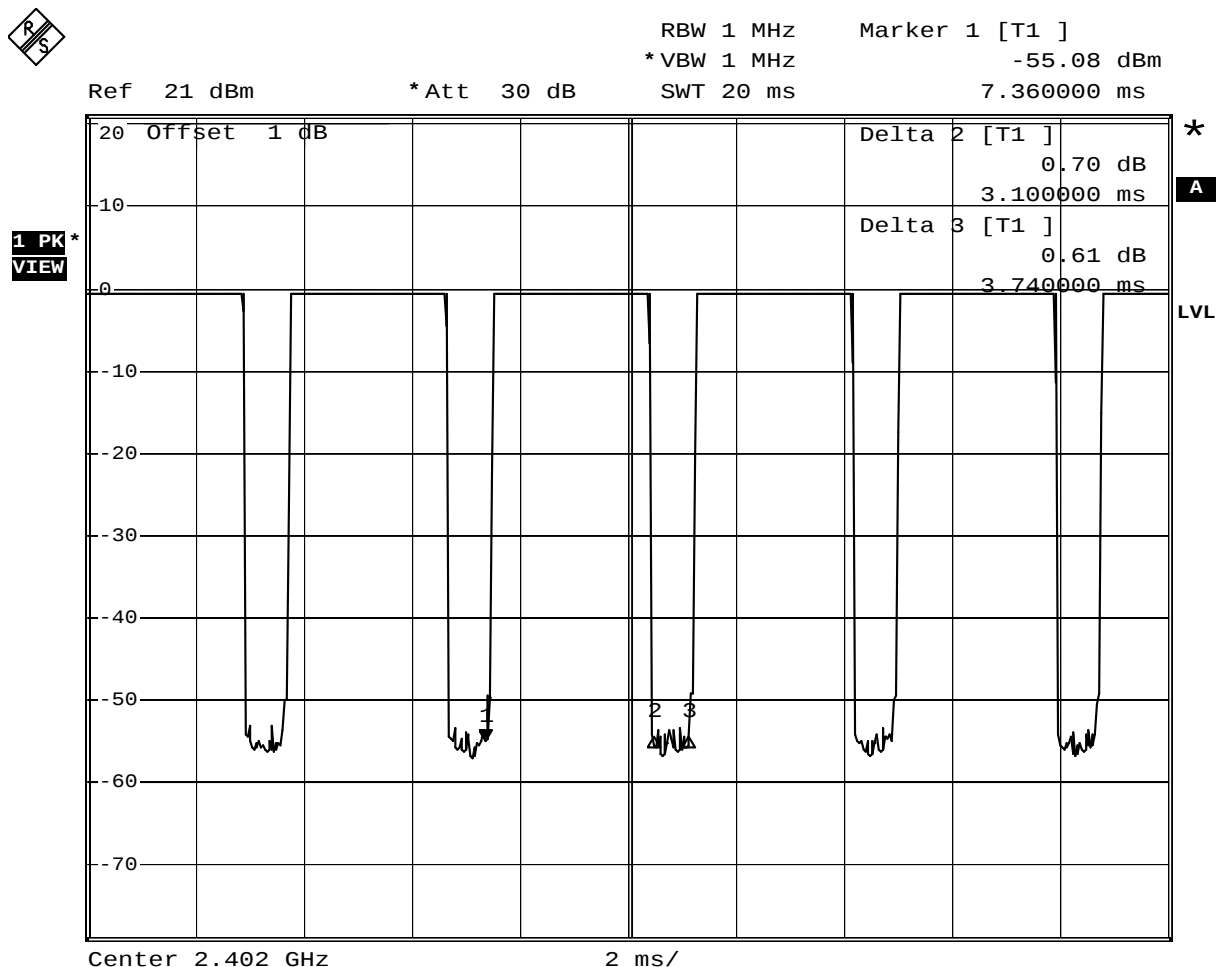
The Maximum Occupancy Time Within 31.6sec: $0.00308 \times (275/79) \times 31.6 = 0.3388\text{sec}$.

C) 2480MHz Test Time Period: $0.4 \times 79 = 31.6\text{sec}$, Hopping Times Within 1sec: $5.5/20\text{msec} = 275/\text{sec}$

The Maximum Occupancy Time Within 31.6sec: $0.00306 \times (275/79) \times 31.6 = 0.3366\text{sec}$.

Test Result: The Average Occupancy Time of Each Highest , Middle and Lowest Channel Is Less Than 0.4sec , And Corresponds to The Standard .

Hop rate-2402MHz



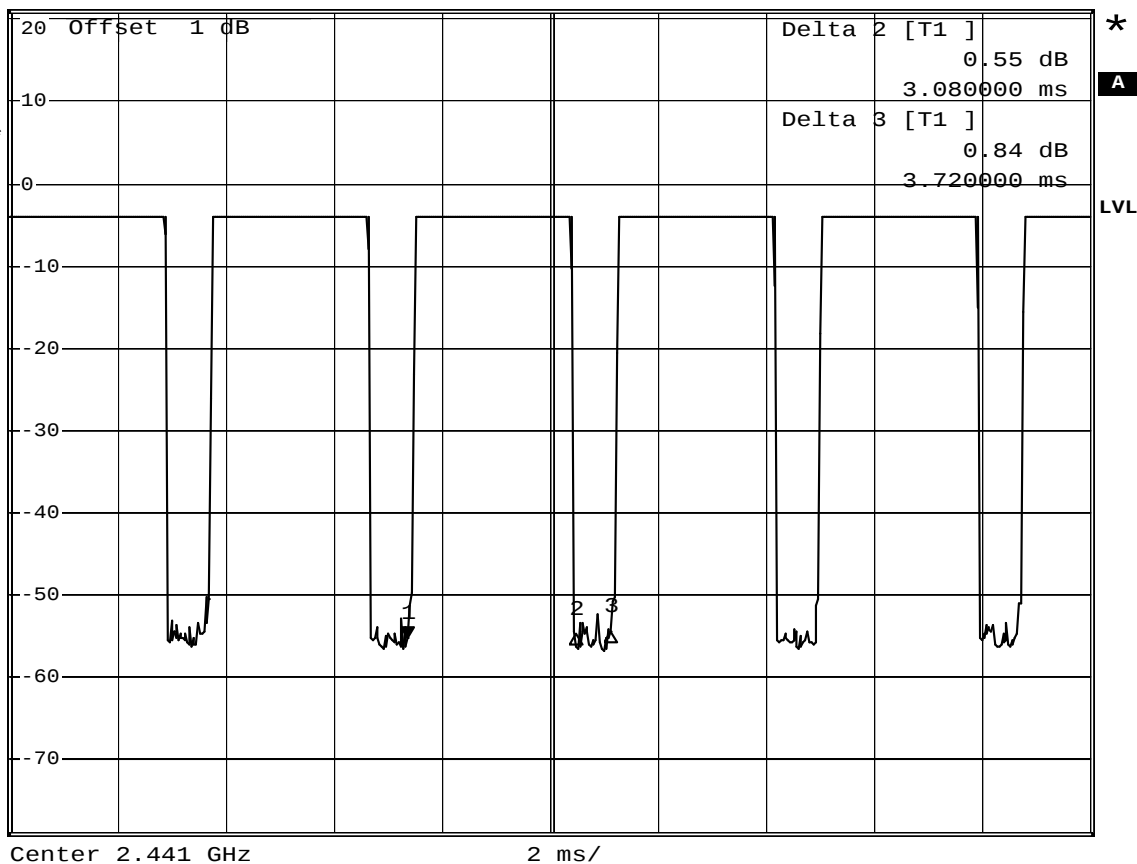
Date: 5.NOV.2009 16:09:28

Hop rate-2441MHz



Ref 21 dBm *Att 30 dB RBW 1 MHz Marker 1 [T1] -55.33 dBm
 *VBW 1 MHz SWT 20 ms 7.380000 ms

1 PK*
VIEW

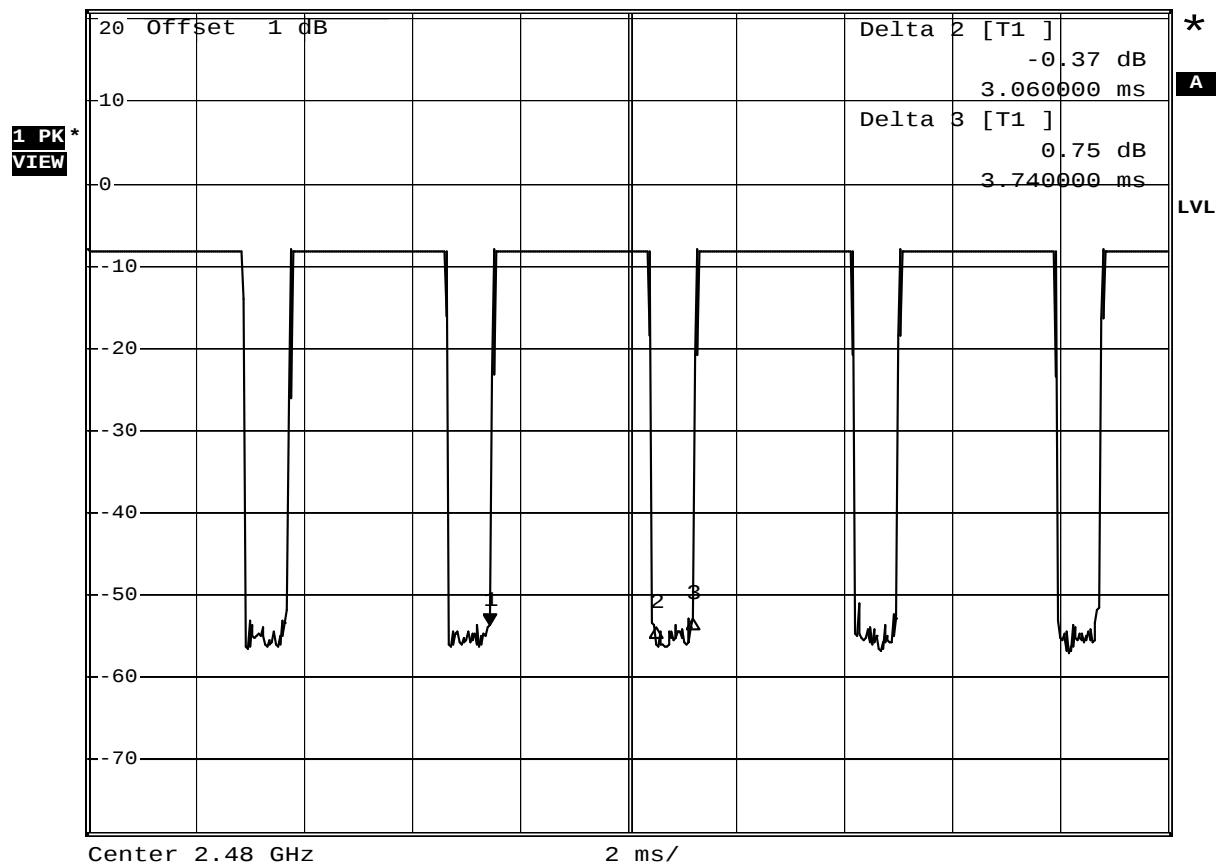


Date: 5.NOV.2009 16:08:26

Hop rate-2480MHz



Ref 21 dBm * Att 30 dB RBW 1 MHz Marker 1 [T1]
 * VBW 1 MHz -53.67 dBm
 SWT 20 ms 7.440000 ms



Date: 5.NOV.2009 16:10:22

Note: Dwell time=time slot length * hop rate / number of hopping channels * period