Test Report

Product Name ： Notebook

Model No. ： Qbook

FCC ID ： WXC-Q189082Q

Applicant ： FOXCONN INTERNATIONAL INC

Address ： 2 TZU YU ST TU-CHENG,TAIPEI HSIEN 236 TAIWAN

Date of Receipt ： 2008/09/02

Issued Date ： 2008/10/14

Report No. ： 089S038R-RF-US-P06V01

Test Report Certification

Issued Date : 2008/10/14
Report No. : 089S038R-RF-US-P06V01

QuieTek

Product Name	:	Notebook
Applicant	:	FOXCONN INTERNATIONAL INC
Address	:	2 TZU YU ST TU-CHENG,TAIPEI HSIEN 236 TAIWAN
Manufacturer	:	PCE Industry Inc.
Address	:	458 E. Lambert Rd, Fullerton, CA92835 USA
Model No.	:	Qbook
FCC ID	:	WXC-Q189082Q
Rated Voltage	:	AC 120 V / 60 Hz
EUT Voltage	:	AC 100-240V/50-60Hz
Trade Name	:	Foxconn
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C: 2007
		ANSI C63.4: 2003
Test Result	:	Complied
Performed Location	:	SuZhou EMC laboratory
		No.99 Hongye Rd., Suzhou Industrial Park Loufeng
		Hi-Tech Development Zone., SuZhou, China
		TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098
		FCC Registration Number: 800392

Documented By : Any Liu (Any Liu)

Reviewed By : Marlin Chen (Marlin Chen)

Approved By : Gene Chang (Gene Chang)

Laboratory Information

We , **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited by the following accreditation Bodies in compliance with ISO 17025, EN 45001 and Guide 25:

Taiwan R.O.C.	**:**	**BSMI, DGT, CNLA**
Germany	**:**	**TUV Rheinland**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://tw.quietek.com/modules/myalbum/
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

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No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

NVLAP Lab Code : 200347-0
1313

LinKou Testing Laboratory :
No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan, R.O.C.
TEL : +886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

NVLAP Lab Code: 200533-0
0914

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NVLAP Lab Code : 200743-0
1596

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1. General Information

1.1. EUT Description

Product Name	Notebook
Trade Name	Foxconn
Model No.	Qbook
FCC ID	WXC-Q189082Q
RF Module (Bluetooth)	FOXCONN / U40Z014.01
Working Voltage	DC 3.7V
Frequency Range	2402 - 2480 MHz
Channel Number	79
Type of Modulation	FHSS
Data Rate	723 kbps, 2.2 Mbps (EDR)
Channel Control	Auto
Antenna Type	Chip
Antenna Gain	Refer to the “Antenna List”

Note:

This product includes six models, they are identical except the appearance; from these models, Qbook-5H8MW-BC was selected as the test model, and then its test data was selected in this report.

Component	
AC Adapter#1	Manufacturer: LITEON TECHNOLOGY CORPORATION M/N: PA-1300-04 Input: 100V~240V ~, 1.0A Output: 19V, 1.58A
AC Adapter#2	Manufacturer: DELTA ELECTRONICS, INC. M/N: ADP-30JH B Input: 100V~240V ~, 50~60Hz Output: 19V, 1.58A

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

Antenna List

Antenna	Manufacturer	P/N.	Peak Gain
Main Antenna	Amotech	534040-00	3.5dBi

1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

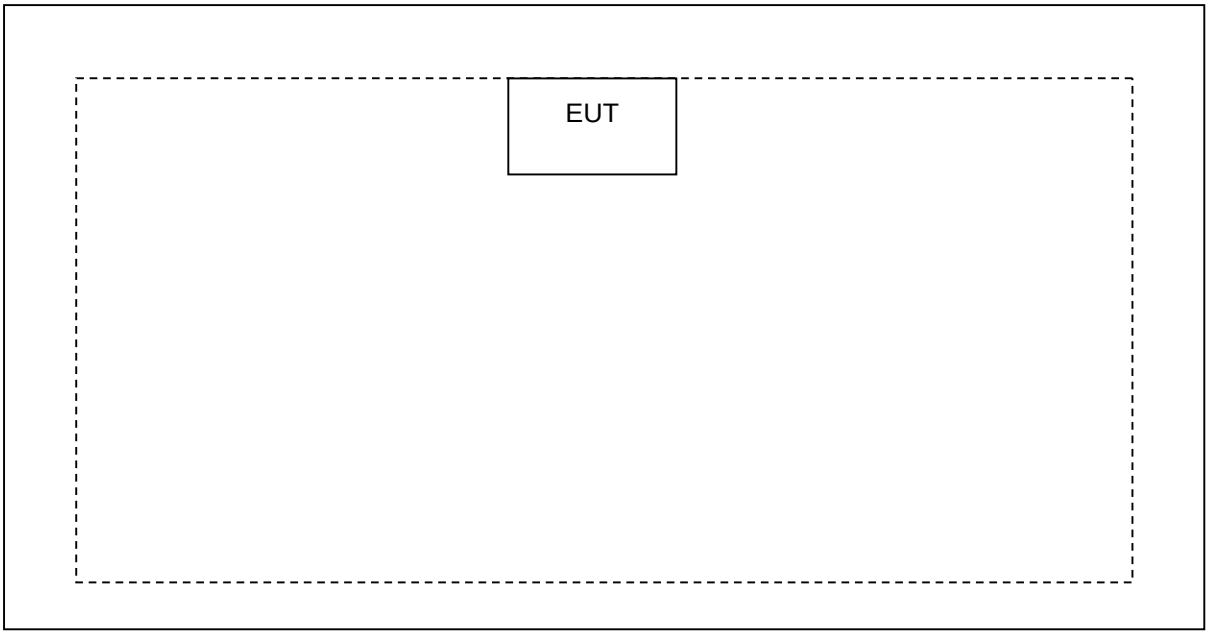
Test Mode
Mode 1: Transmit by Bluetooth (DH5)
Mode 2: Transmit by Bluetooth (3DH5)

1.3. 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.	Power Cord
1	N/A	N/A	N/A	N/A	N/A

1.4. Configuration of Tested System

Connection Diagram	
	
Signal Cable Type	Signal cable Description

1.5. EUT Exercise Software

1	Setup the EUT and simulators as shown on above
2	Turn on the power of EUT.
3	Execute the software “Bluetool” for Bluetooth.
4	Setup the test channel and the test mode, and then begin to test.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.207	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.209	Yes	No
20dB Bandwidth	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(1)	Yes	No
Carrier Frequency Separation	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(1)	Yes	No
Number of Hopping Frequencies	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(1)(iii)	Yes	No
Time of Occupancy (Dwell Time)	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(a)(1)(iii)	Yes	No
Peak Output Power	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.247(b)(1)	Yes	No
Band-edge Compliance of RF Conducted Emissions	FCC CFR Title 47 Part 15 Subpart C: 2007 Section 15.215(c), 15.247(d)	Yes	No
Spurious RF Conducted Emissions	FCC CFR Title 47 Part 15 Subpart C: 2007 15.247(d)	Yes	No
Radiated Emission Band Edge	FCC CFR Title 47 Part 15 Subpart C: 2007 15.247(d)	Yes	No

2.2. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

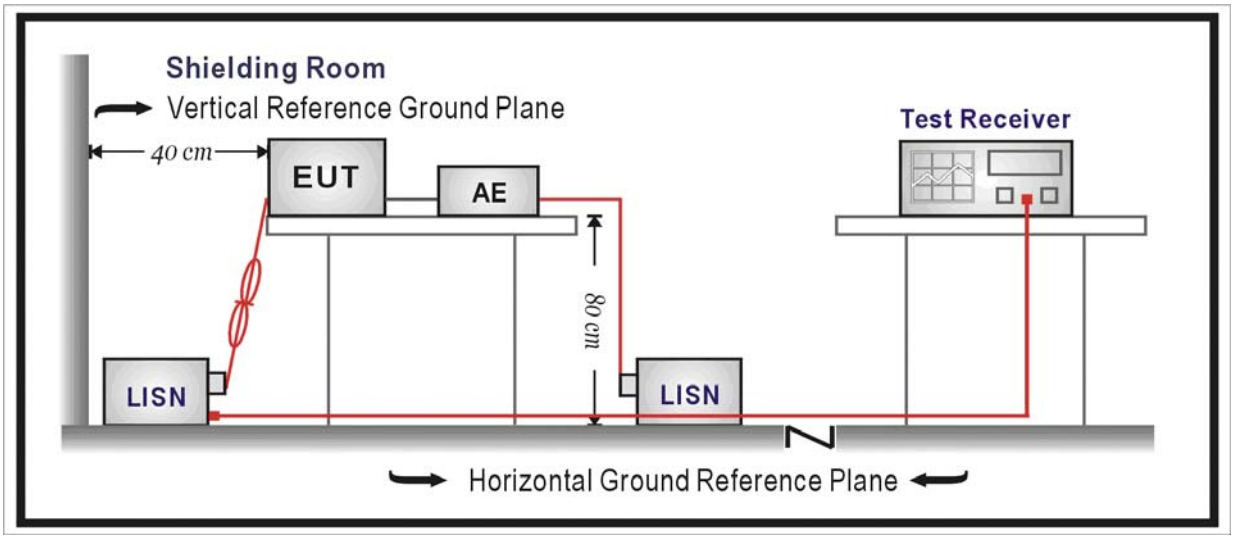
3.1. Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
EMI Test Receiver	R&S	ESCI	100726	2008/06/28
Two-Line V-Network	R&S	ENV216	100013	2008/06/28
Two-Line V-Network	R&S	ENV216	100014	2008/06/28
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2007/11/25
50ohm Termination	SHX	TF2	07081401	2008/09/28
Coaxial Cable	Luthi	RG214	519358	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2008/03/31

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

3.2. Test Setup



3.3. Limit

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

Note 1: The lower limit shall apply at the transition frequencies.

Note 2: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.5 MHz.

3.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.

The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are connected to the main power through a line impedance stabilization network (LISN). The LISN provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN. (Please refer to the block diagram of the test setup and photographs)

Each current-carrying conductor of the EUT power cord, except the ground (safety) conductor, was individually connected through a LISN to the input power source.

The excess length of the power cord between the EUT and the LISN receptacle were folded back and forth at the center of the lead to form a bundle not exceeding 40 cm in length.

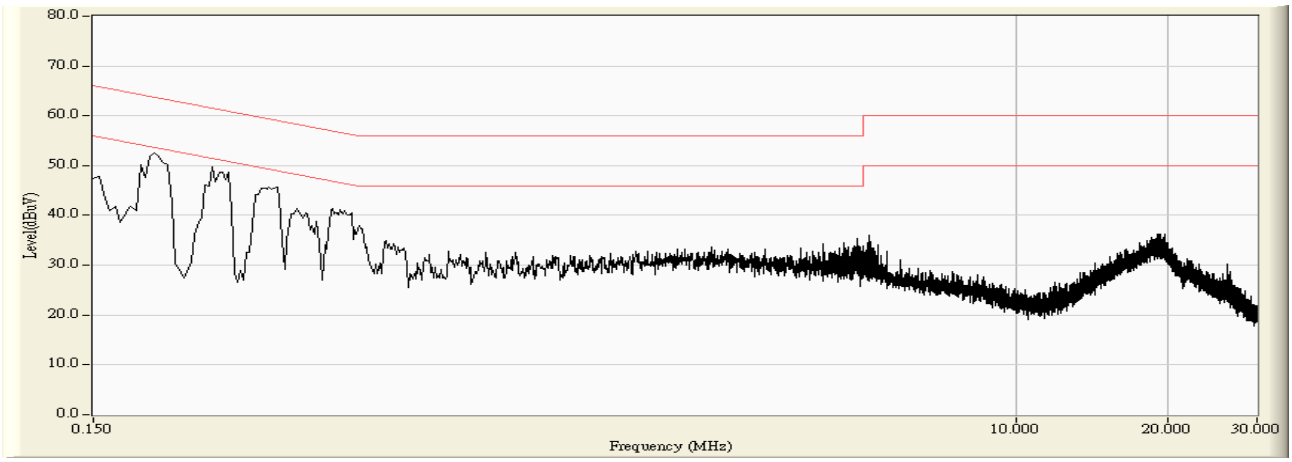
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

3.5. Uncertainty

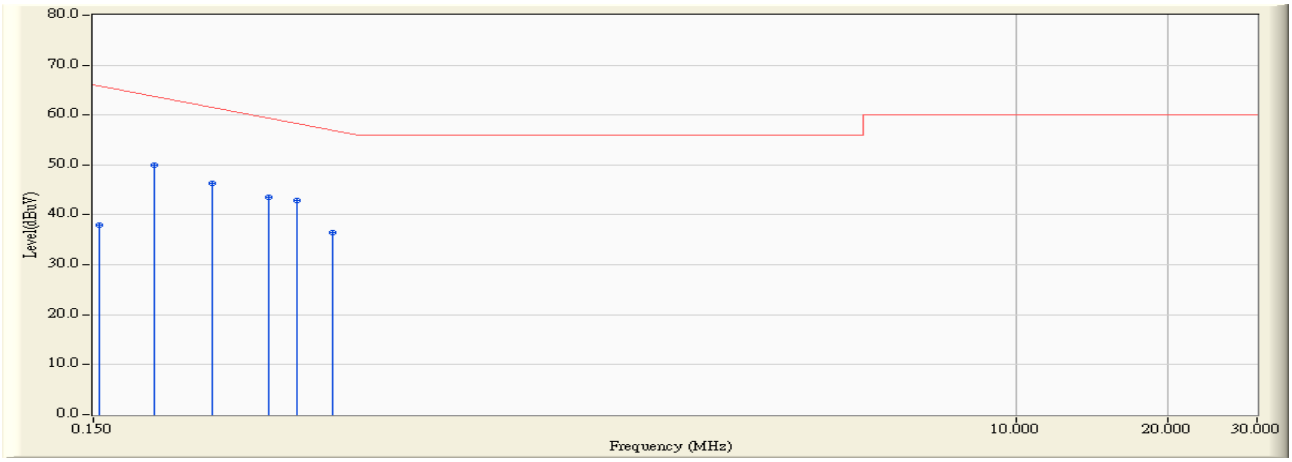
The measurement uncertainty is defined as ± 2.02 dB

3.6. Test Result

Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:39**
Limit : FCC_SPartC_15.207_00M_QP	**Margin : 10**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**

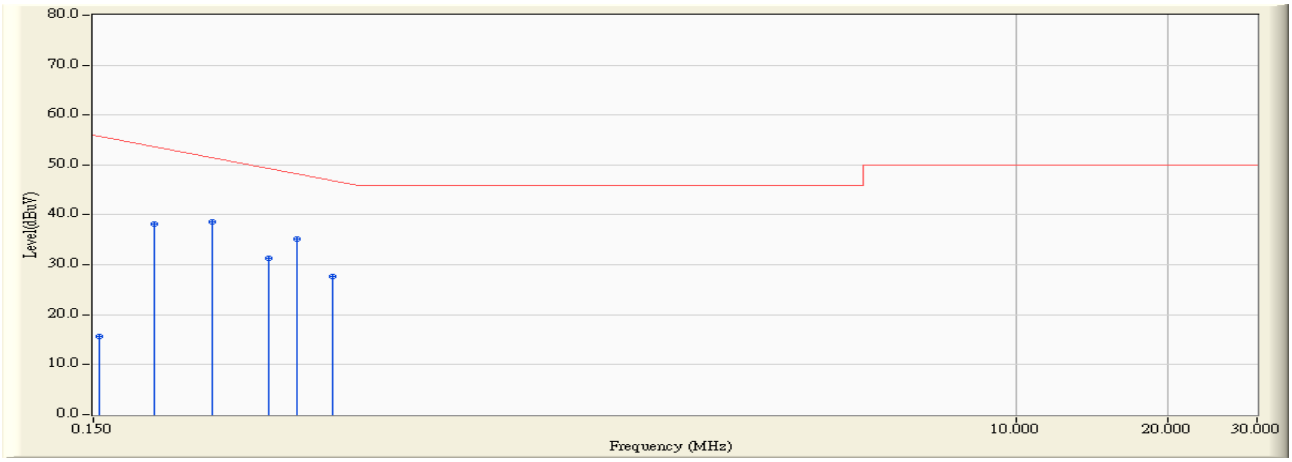


Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:41**
Limit : FCC_SPartC_15.207_00M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



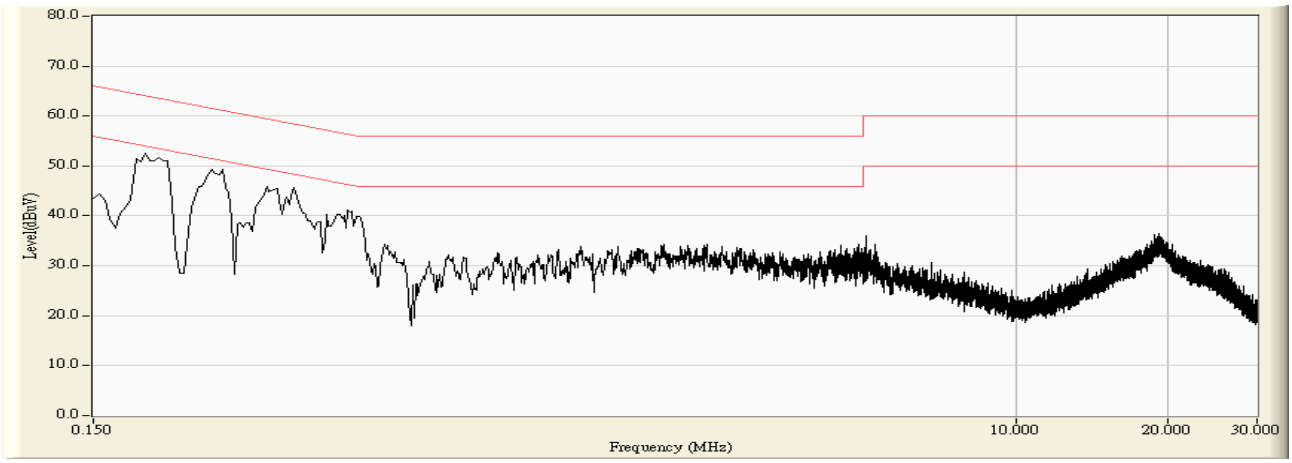
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.187	27.700	37.887	-27.999	65.886	QUASIPEAK
2	*	0.198	9.580	40.300	49.880	-14.749	64.629	QUASIPEAK
3		0.258	9.466	36.900	46.366	-16.548	62.914	QUASIPEAK
4		0.334	9.527	34.100	43.627	-17.116	60.743	QUASIPEAK
5		0.378	9.556	33.400	42.956	-16.530	59.486	QUASIPEAK
6		0.446	9.591	26.900	36.491	-21.052	57.543	QUASIPEAK

Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:41**
Limit : FCC_SPartC_15.207_00M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**

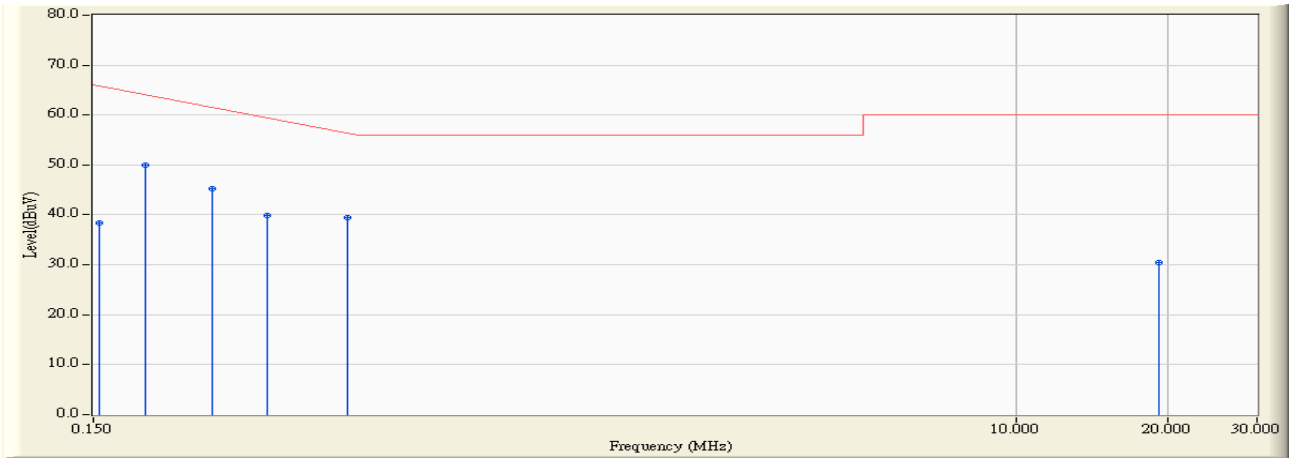


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.187	5.400	15.587	-40.299	55.886	AVERAGE
2		0.198	9.580	28.600	38.180	-16.449	54.629	AVERAGE
3		0.258	9.466	29.100	38.566	-14.348	52.914	AVERAGE
4		0.334	9.527	21.700	31.227	-19.516	50.743	AVERAGE
5	*	0.378	9.556	25.600	35.156	-14.330	49.486	AVERAGE
6		0.446	9.591	18.100	27.691	-19.852	47.543	AVERAGE

Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:46**
Limit : FCC_SPartC_15.207_00M_QP	**Margin : 10**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**

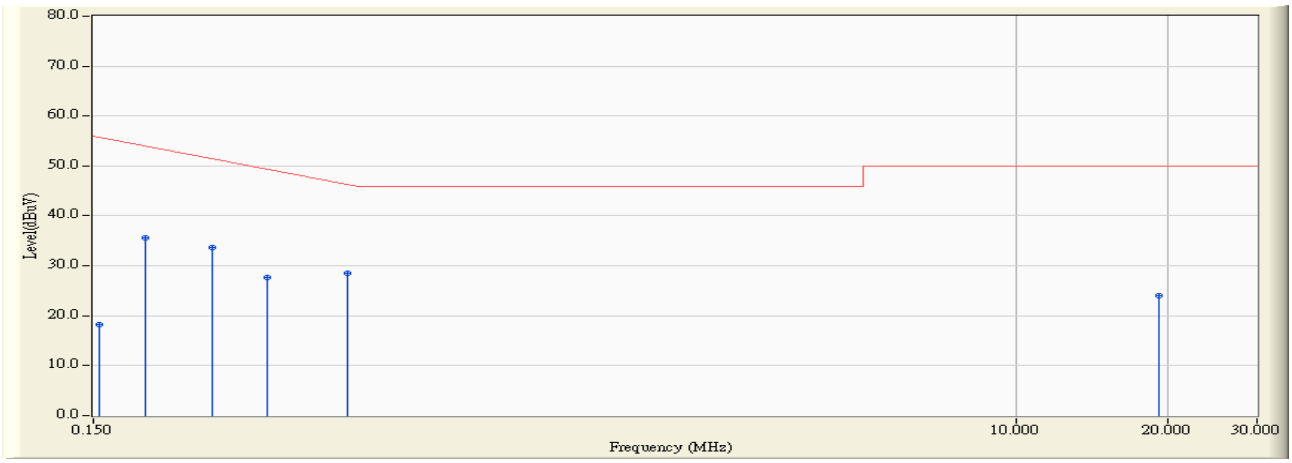


Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:47**
Limit : FCC_SPartC_15.207_00M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.017	28.400	38.417	-27.469	65.886	QUASIPEAK
2	*	0.190	9.696	40.300	49.996	-14.861	64.857	QUASIPEAK
3		0.258	9.583	35.600	45.183	-17.731	62.914	QUASIPEAK
4		0.330	9.600	30.300	39.900	-20.957	60.857	QUASIPEAK
5		0.478	9.620	29.800	39.420	-17.209	56.629	QUASIPEAK
6		19.218	10.190	20.200	30.390	-29.610	60.000	QUASIPEAK

Engineer : Robin	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2008/09/12 - 13:47**
Limit : FCC_SPartC_15.207_00M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.017	8.200	18.217	-37.669	55.886	AVERAGE
2		0.190	9.696	26.000	35.696	-19.161	54.857	AVERAGE
3		0.258	9.583	24.000	33.583	-19.331	52.914	AVERAGE
4		0.330	9.600	18.100	27.700	-23.157	50.857	AVERAGE
5	*	0.478	9.620	18.800	28.420	-18.209	46.629	AVERAGE
6		19.218	10.190	13.900	24.090	-25.910	50.000	AVERAGE

4. Radiated Emission

4.1. Test Equipment

☒Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/06/28
EMI Test Receiver	R&S	ESCI	100573	2008/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2008/03/03
Band Reject Filter	Wainwright	WRCG2400/2485-2375/2510-60/11SS	SN9	2008/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2008/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2008/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2008/03/31

☐Radiated Emission / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2008/04/24
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Preamplifier	Quietek	AP-025C	QT-AP004	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112D	22254	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
High-Pass Filter	Wainwright	WHKX2.8/18G-12SS	SN1	2008/03/03
Band Reject Filter	Wainwright	WRCG2400/2485-2375/2510-60/11SS	SN9	2008/03/03
High-Pass Filter	Wainwright	WHKX7.0/18G-8SS	SN16	2008/03/03
Low-Pass Filter	Wainwright	WLKS4500-9SS	SN2	2008/03/03
50ohm Coaxial Switch	Anritsu	MP59B	6200464463	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	05	2007/11/25

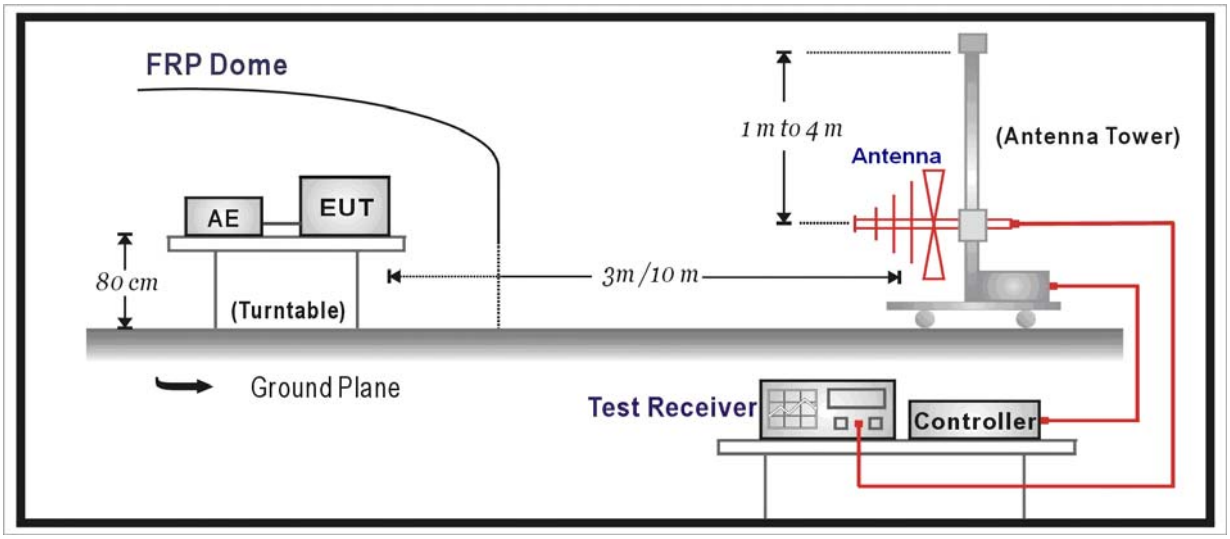
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2008/03/31

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

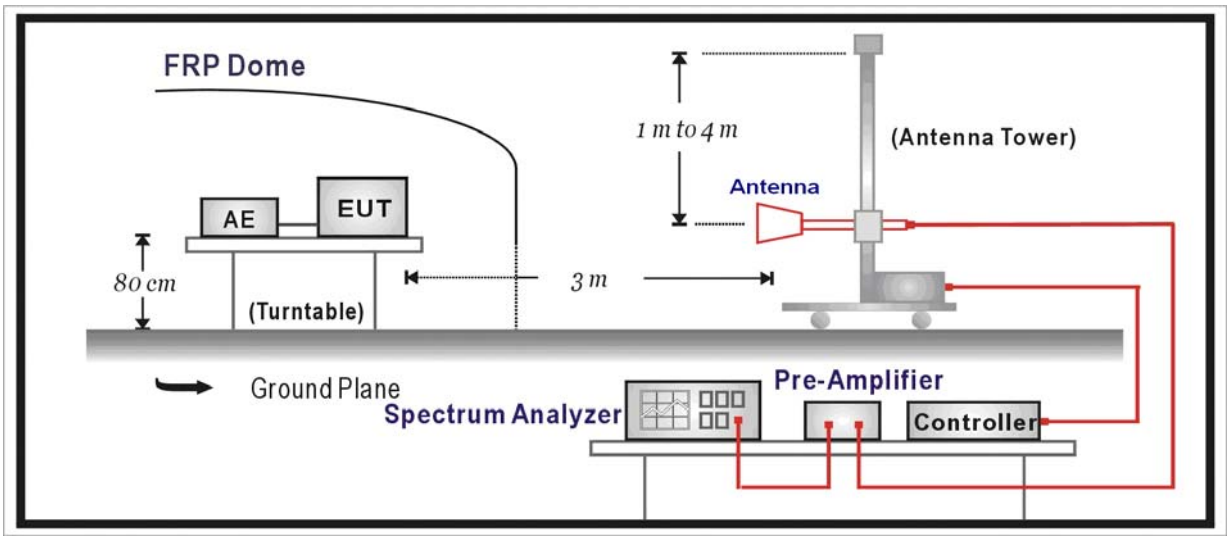
Note 2: The test instruments marked with “X” are used to measure the final test results.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

FCC Part 15 Subpart C Paragraph 15.209		
Frequency (MHz)	Distance (m)	Level (dBuV/m)
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Note 1: The lower limit shall apply at the transition frequency.

Note 2: Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

Note 3: E field strength (dBuV/m) = 20 log E field strength (uV/m)

4.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.

The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 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 is scanned from 1 meter to 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.4:2003 on radiated measurement.

The resolution bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

The frequency range from 30MHz to 10th harmonic is checked.

Note: When doing emission measurement above 1GHz, the horn antenna will be bended down a little (as horn antenna has the narrow beamwidth) in order to keeping the antenna in the “cone of radiation” of EUT. The 3dB beamwidth is 60 degrees for H-plane and 90 degrees for E-plane.

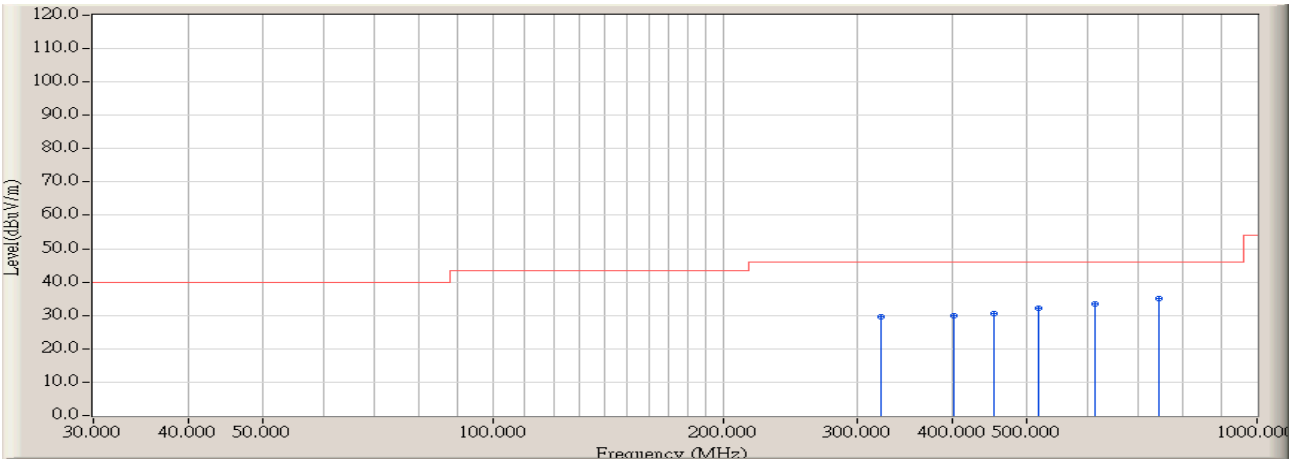
4.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

below 1G is defined as ± 3.8 dB

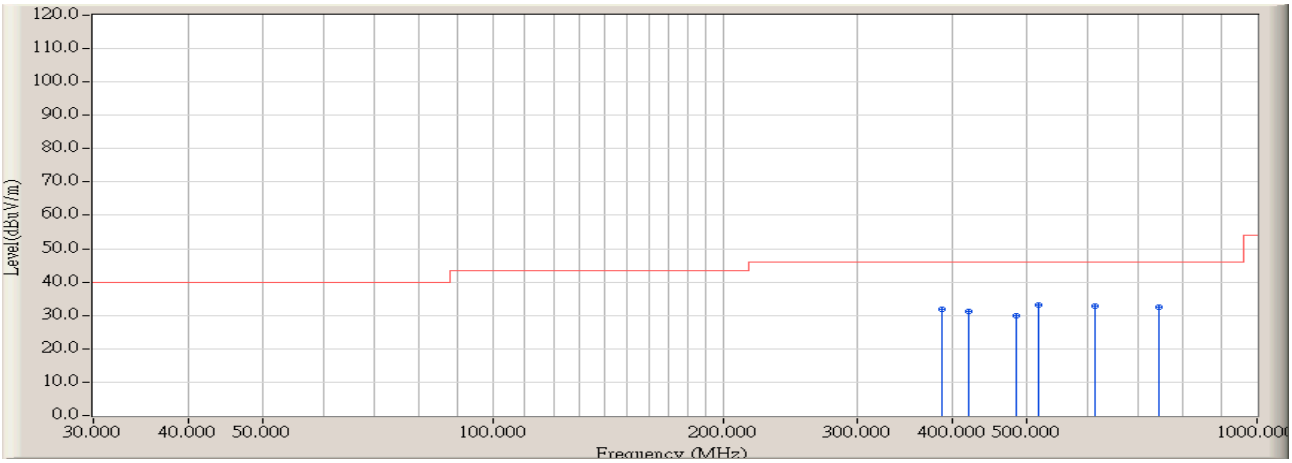
4.6. Test Result

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



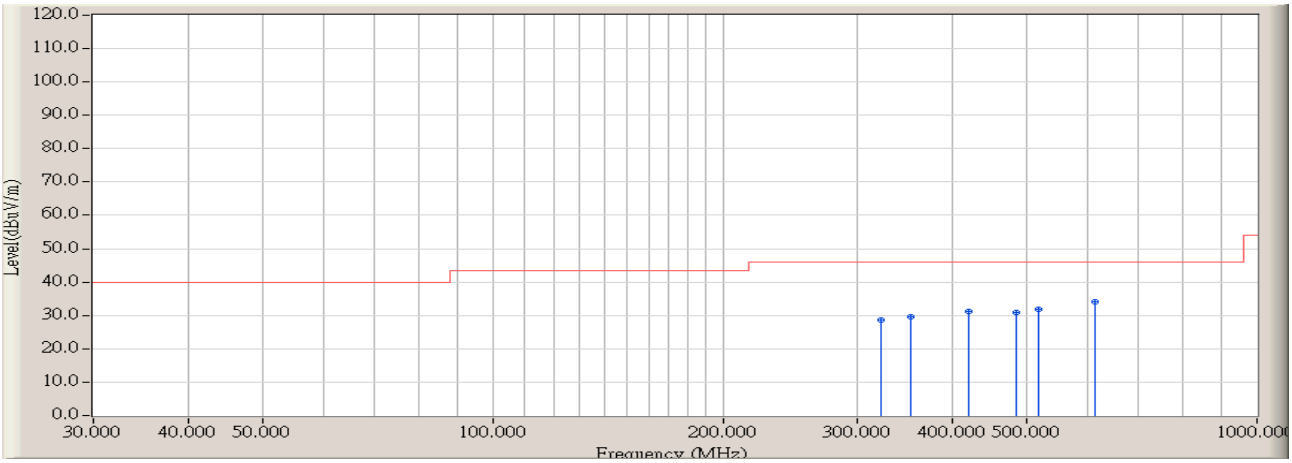
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	36.700	29.670	-16.350	46.020	QUASIPEAK	100.000	68.900
2		400.217	-4.943	34.924	29.982	-16.038	46.020	QUASIPEAK	142.000	84.500
3		451.950	-4.254	34.943	30.689	-15.331	46.020	QUASIPEAK	112.000	177.500
4		516.617	-3.257	35.502	32.245	-13.775	46.020	QUASIPEAK	100.000	154.600
5		613.617	-1.326	34.734	33.408	-12.612	46.020	QUASIPEAK	100.000	148.500
6	*	742.950	1.198	33.919	35.117	-10.903	46.020	QUASIPEAK	100.000	136.600

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



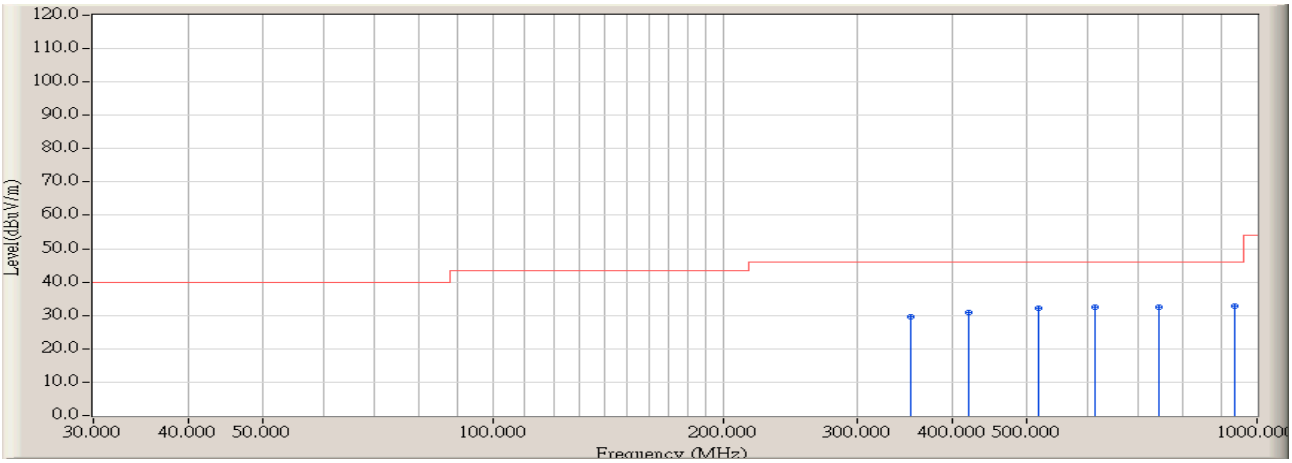
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		387.283	-5.437	37.234	31.796	-14.224	46.020	QUASIPEAK	100.000	248.000
2		419.617	-4.633	35.827	31.194	-14.826	46.020	QUASIPEAK	100.000	211.700
3		484.283	-3.543	33.539	29.996	-16.024	46.020	QUASIPEAK	105.600	225.000
4	*	516.617	-3.257	36.286	33.029	-12.991	46.020	QUASIPEAK	100.000	247.700
5		613.617	-1.326	34.226	32.900	-13.120	46.020	QUASIPEAK	125.500	48.600
6		742.950	1.198	31.166	32.364	-13.656	46.020	QUASIPEAK	100.000	287.500

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



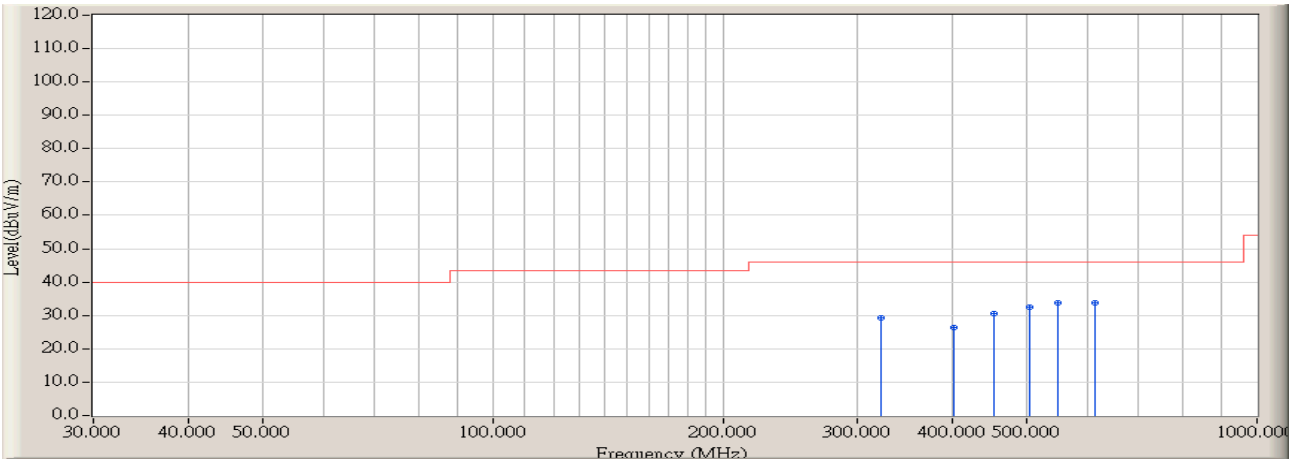
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	35.620	28.590	-17.430	46.020	QUASIPEAK	100.000	215.000
2		351.717	-6.157	35.840	29.683	-16.337	46.020	QUASIPEAK	128.000	88.500
3		419.617	-4.633	35.836	31.203	-14.817	46.020	QUASIPEAK	100.000	274.000
4		484.283	-3.543	34.454	30.911	-15.109	46.020	QUASIPEAK	145.500	209.000
5		516.617	-3.257	35.182	31.925	-14.095	46.020	QUASIPEAK	177.500	93.800
6	*	613.617	-1.326	35.460	34.134	-11.886	46.020	QUASIPEAK	100.000	174.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



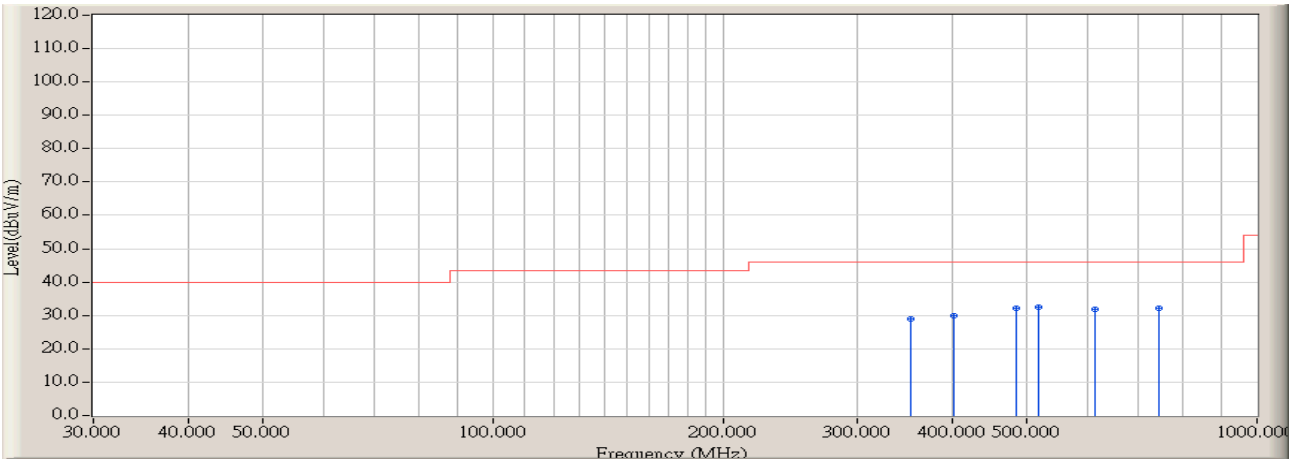
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		351.717	-6.157	35.612	29.455	-16.565	46.020	QUASIPEAK	100.000	74.600
2		419.617	-4.633	35.546	30.913	-15.107	46.020	QUASIPEAK	100.000	116.500
3		516.617	-3.257	35.381	32.124	-13.896	46.020	QUASIPEAK	106.500	44.800
4		613.617	-1.326	33.898	32.572	-13.448	46.020	QUASIPEAK	113.600	210.400
5		742.950	1.198	31.142	32.340	-13.680	46.020	QUASIPEAK	102.600	95.000
6	*	933.717	3.415	29.384	32.800	-13.220	46.020	QUASIPEAK	100.000	135.200

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



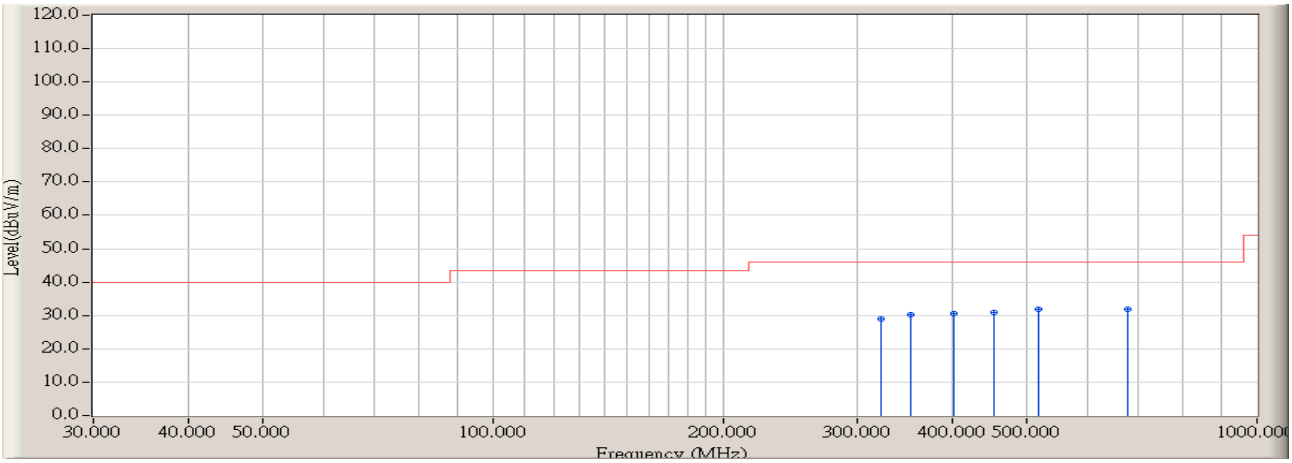
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	36.334	29.304	-16.716	46.020	QUASIPEAK	100.000	118.500
2		400.217	-4.943	31.477	26.535	-19.485	46.020	QUASIPEAK	114.600	45.800
3		451.950	-4.254	34.945	30.691	-15.329	46.020	QUASIPEAK	100.000	315.000
4		503.683	-3.331	35.901	32.571	-13.449	46.020	QUASIPEAK	100.000	188.000
5		548.950	-2.133	35.859	33.726	-12.294	46.020	QUASIPEAK	105.600	325.000
6	*	613.617	-1.326	35.119	33.793	-12.227	46.020	QUASIPEAK	100.000	156.500

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



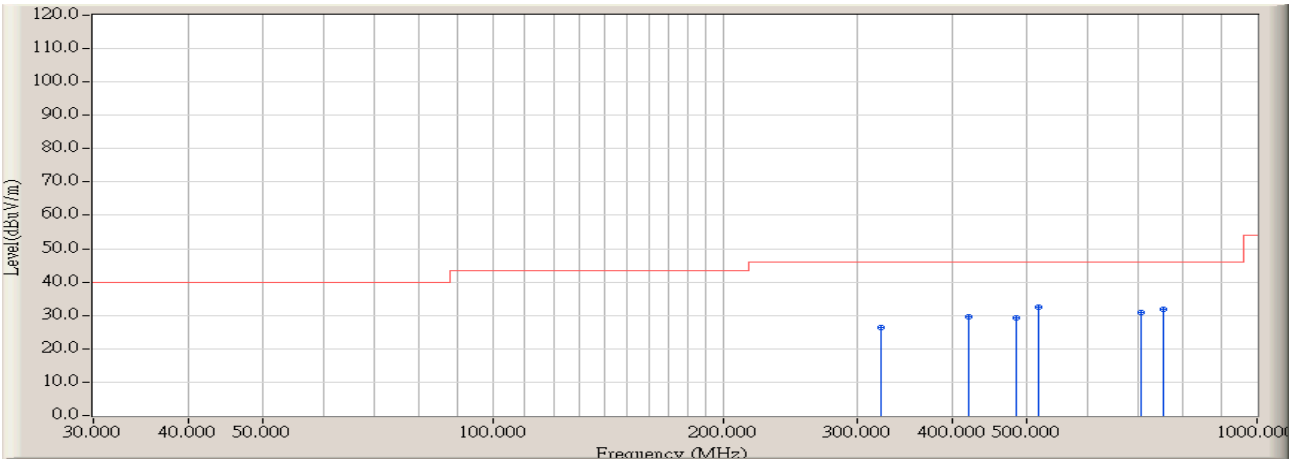
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		351.717	-6.157	35.232	29.075	-16.945	46.020	QUASIPEAK	100.000	185.000
2		401.833	-4.893	34.766	29.872	-16.148	46.020	QUASIPEAK	120.000	163.000
3		484.283	-3.543	35.635	32.092	-13.928	46.020	QUASIPEAK	113.600	154.000
4	*	516.617	-3.257	35.901	32.644	-13.376	46.020	QUASIPEAK	122.500	96.500
5		613.617	-1.326	33.221	31.895	-14.125	46.020	QUASIPEAK	100.000	85.900
6		742.950	1.198	31.101	32.299	-13.721	46.020	QUASIPEAK	105.200	93.500

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



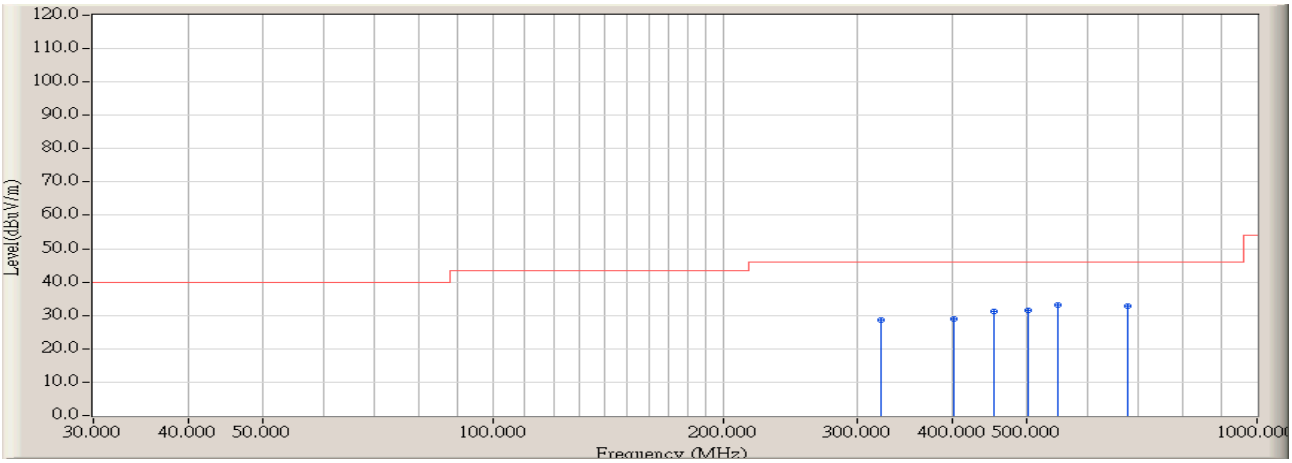
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	35.862	28.832	-17.188	46.020	QUASIPEAK	100.000	163.000
2		351.717	-6.157	36.241	30.084	-15.936	46.020	QUASIPEAK	100.000	193.000
3		400.217	-4.943	35.439	30.497	-15.523	46.020	QUASIPEAK	143.600	55.800
4		451.950	-4.254	35.124	30.870	-15.150	46.020	QUASIPEAK	100.000	136.000
5	*	516.617	-3.257	35.236	31.979	-14.041	46.020	QUASIPEAK	106.500	95.800
6		678.283	0.125	31.604	31.729	-14.291	46.020	QUASIPEAK	112.600	82.900

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 16:59**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



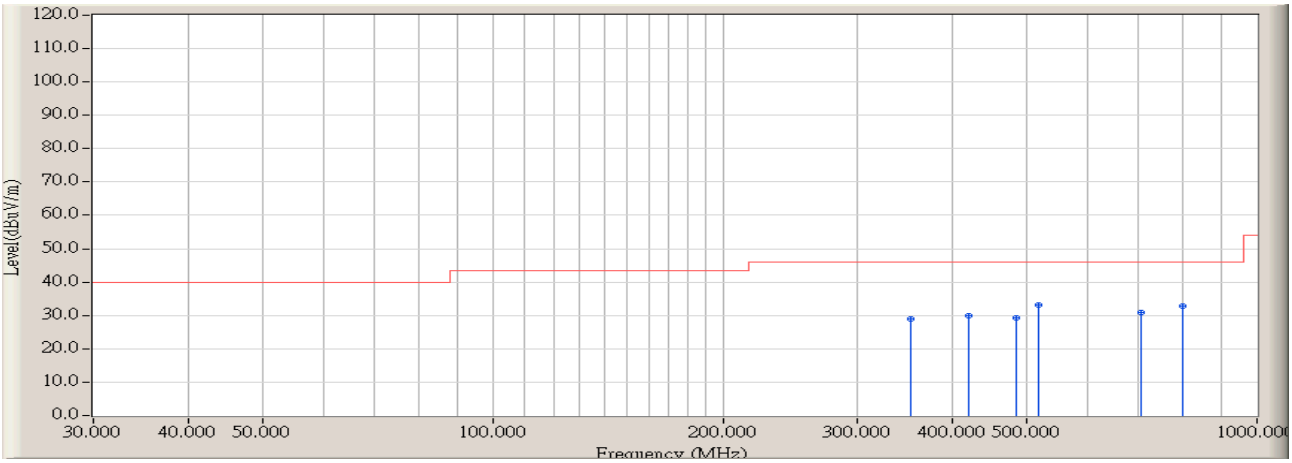
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	33.470	26.440	-19.580	46.020	QUASIPEAK	112.500	93.500
2		419.617	-4.633	34.086	29.453	-16.567	46.020	QUASIPEAK	100.000	188.000
3		484.283	-3.543	32.961	29.418	-16.602	46.020	QUASIPEAK	105.600	325.000
4	*	516.617	-3.257	35.744	32.487	-13.533	46.020	QUASIPEAK	105.600	174.800
5		704.150	0.462	30.468	30.930	-15.090	46.020	QUASIPEAK	100.000	185.000
6		754.267	1.449	30.522	31.972	-14.048	46.020	QUASIPEAK	110.600	193.500

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 17:00**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



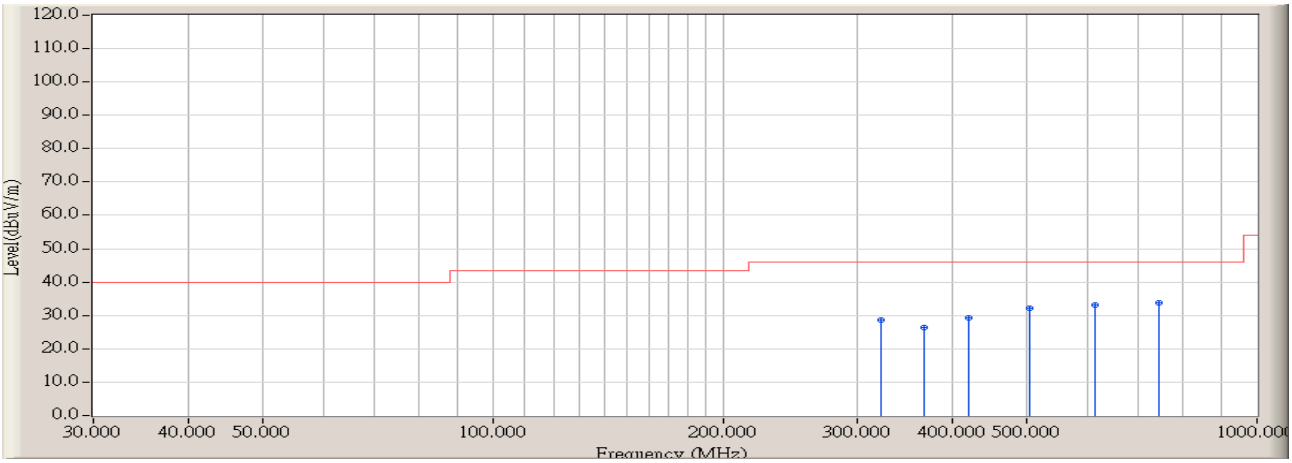
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	35.815	28.785	-17.235	46.020	QUASIPEAK	114.500	172.600
2		400.217	-4.943	33.970	29.028	-16.992	46.020	QUASIPEAK	100.000	158.000
3		451.950	-4.254	35.560	31.306	-14.714	46.020	QUASIPEAK	100.000	163.000
4		502.067	-3.368	34.811	31.443	-14.577	46.020	QUASIPEAK	123.600	75.000
5	*	548.950	-2.133	35.259	33.126	-12.894	46.020	QUASIPEAK	112.600	82.900
6		678.283	0.125	32.710	32.835	-13.185	46.020	QUASIPEAK	145.500	49.600

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 17:00**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



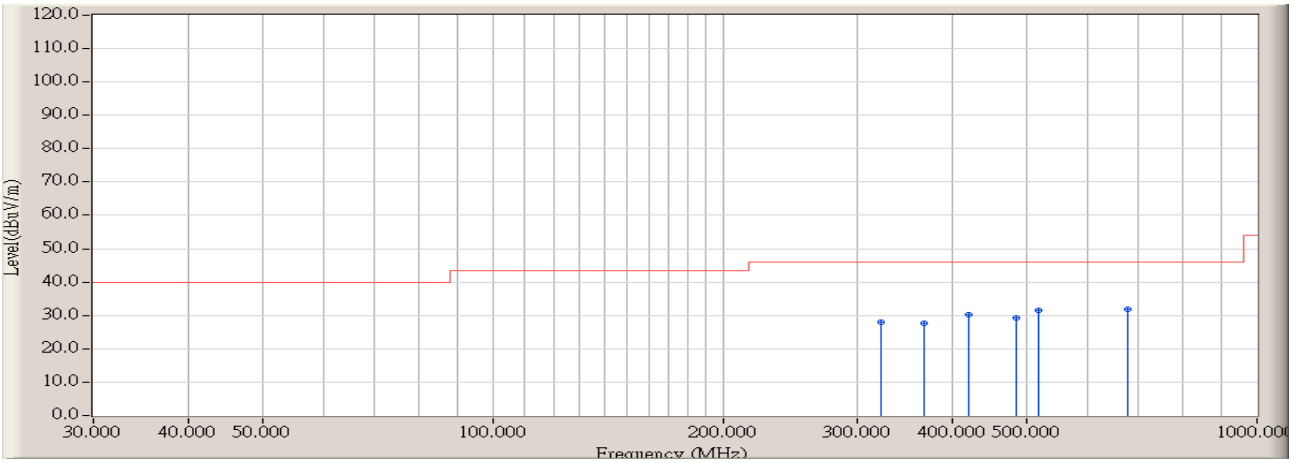
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		351.717	-6.157	35.170	29.013	-17.007	46.020	QUASIPEAK	100.000	185.000
2		419.617	-4.633	34.475	29.842	-16.178	46.020	QUASIPEAK	104.000	117.000
3		484.283	-3.543	32.773	29.230	-16.790	46.020	QUASIPEAK	105.900	54.000
4	*	516.617	-3.257	36.256	32.999	-13.021	46.020	QUASIPEAK	152.600	188.000
5		704.150	0.462	30.427	30.889	-15.131	46.020	QUASIPEAK	104.000	85.000
6		799.533	1.473	31.231	32.705	-13.315	46.020	QUASIPEAK	100.000	136.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 17:00**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



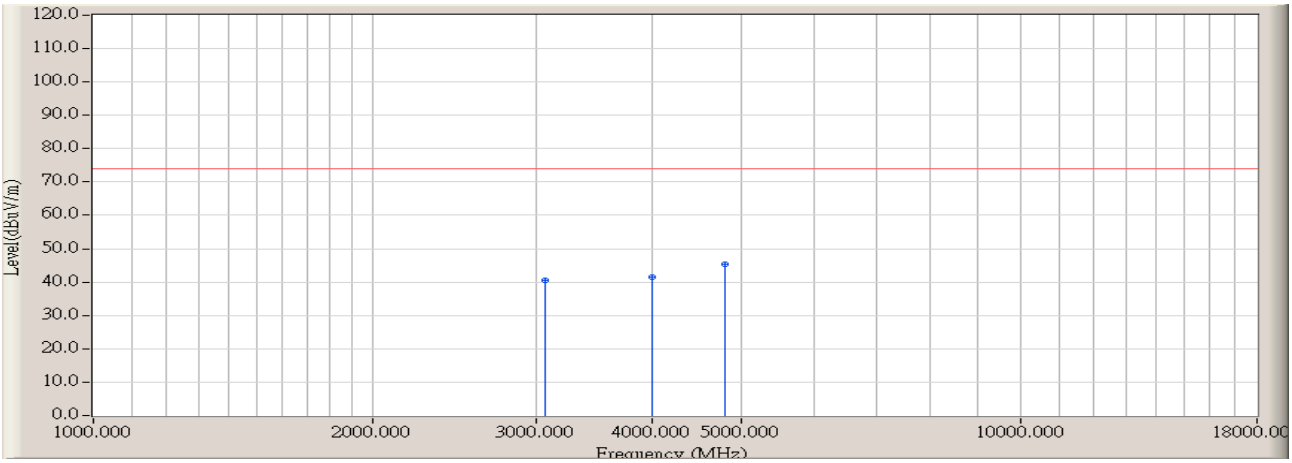
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	35.769	28.739	-17.281	46.020	QUASIPEAK	114.500	196.500
2		366.267	-6.063	32.327	26.264	-19.756	46.020	QUASIPEAK	100.000	185.000
3		419.617	-4.633	33.989	29.356	-16.664	46.020	QUASIPEAK	120.000	163.000
4		503.683	-3.331	35.425	32.095	-13.925	46.020	QUASIPEAK	113.600	154.000
5		613.617	-1.326	34.531	33.205	-12.815	46.020	QUASIPEAK	122.500	96.500
6	*	742.950	1.198	32.612	33.810	-12.210	46.020	QUASIPEAK	100.000	82.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/19 - 17:00**
Limit : FCC_SpartC_15.209_03M_QP	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : CBL6112D_22254(30-2000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



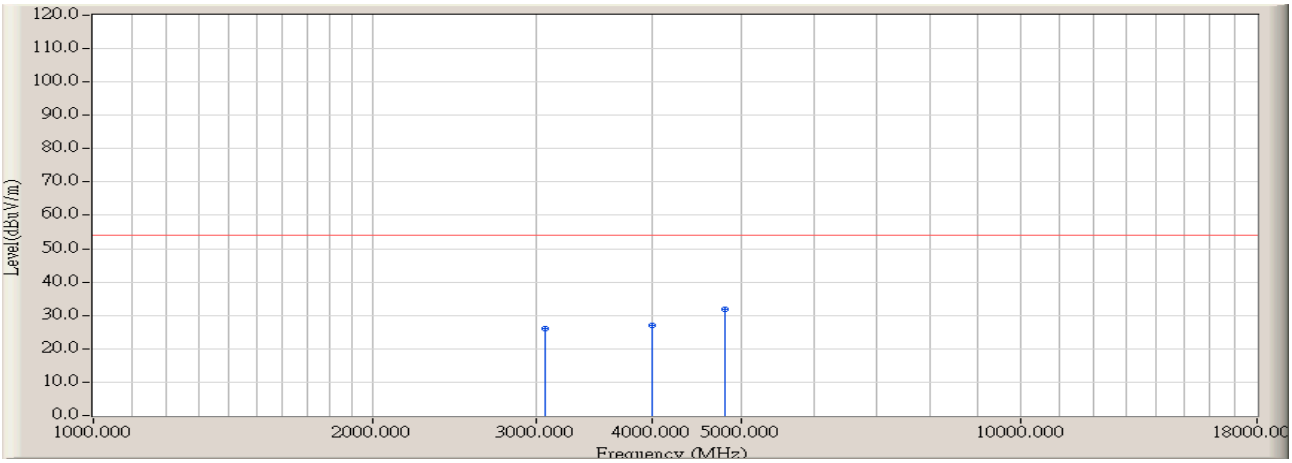
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		322.617	-7.030	35.009	27.979	-18.041	46.020	QUASIPEAK	100.000	85.900
2		366.267	-6.063	33.582	27.519	-18.501	46.020	QUASIPEAK	105.200	93.500
3		419.617	-4.633	34.869	30.236	-15.784	46.020	QUASIPEAK	100.000	193.000
4		484.283	-3.543	32.924	29.381	-16.639	46.020	QUASIPEAK	143.600	55.800
5		516.617	-3.257	34.907	31.650	-14.370	46.020	QUASIPEAK	100.000	136.000
6	*	678.283	0.125	31.575	31.700	-14.320	46.020	QUASIPEAK	106.500	95.800

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



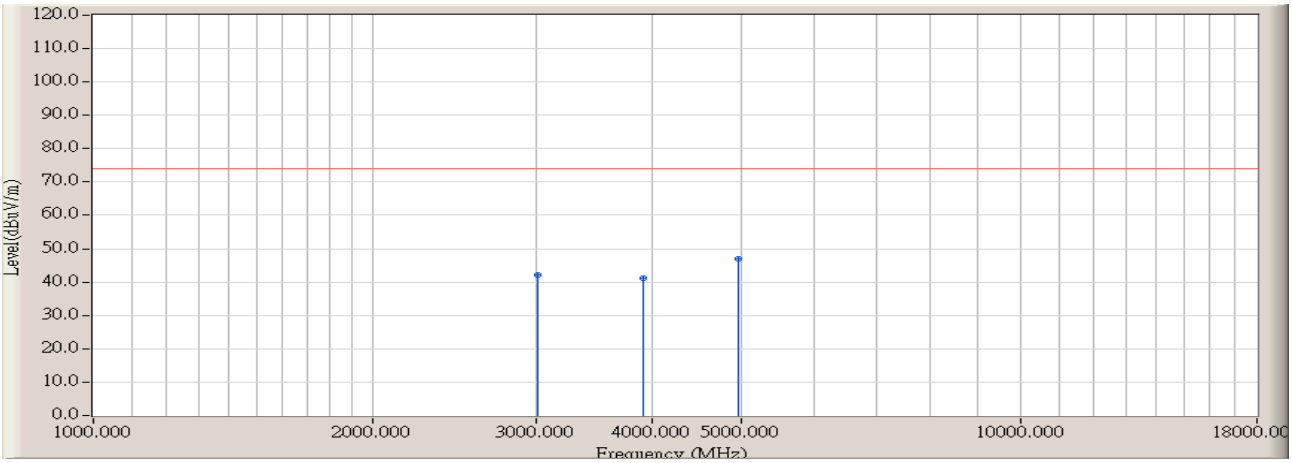
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3068.333	-1.424	41.801	40.378	-33.592	73.970	PEAK	103.500	114.000
2		4003.333	1.127	40.506	41.633	-32.337	73.970	PEAK	100.000	185.000
3	*	4796.667	3.490	41.893	45.383	-28.587	73.970	PEAK	105.300	218.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



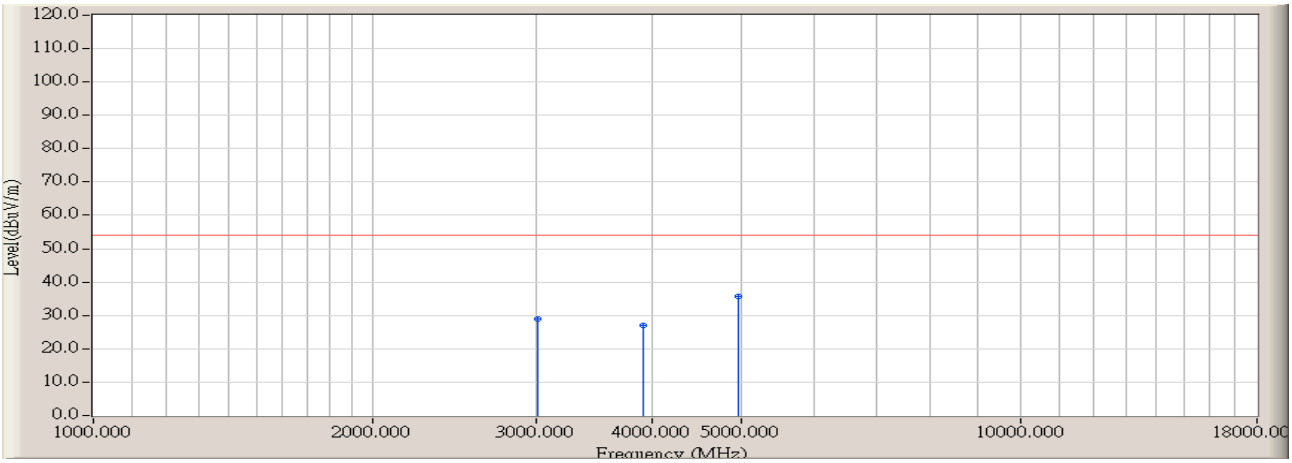
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3068.333	-1.424	27.500	26.077	-27.893	53.970	AVERAGE	103.500	114.000
2		4003.333	1.127	25.900	27.027	-26.943	53.970	AVERAGE	100.000	185.000
3	*	4796.667	3.490	28.400	31.890	-22.080	53.970	AVERAGE	105.300	218.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



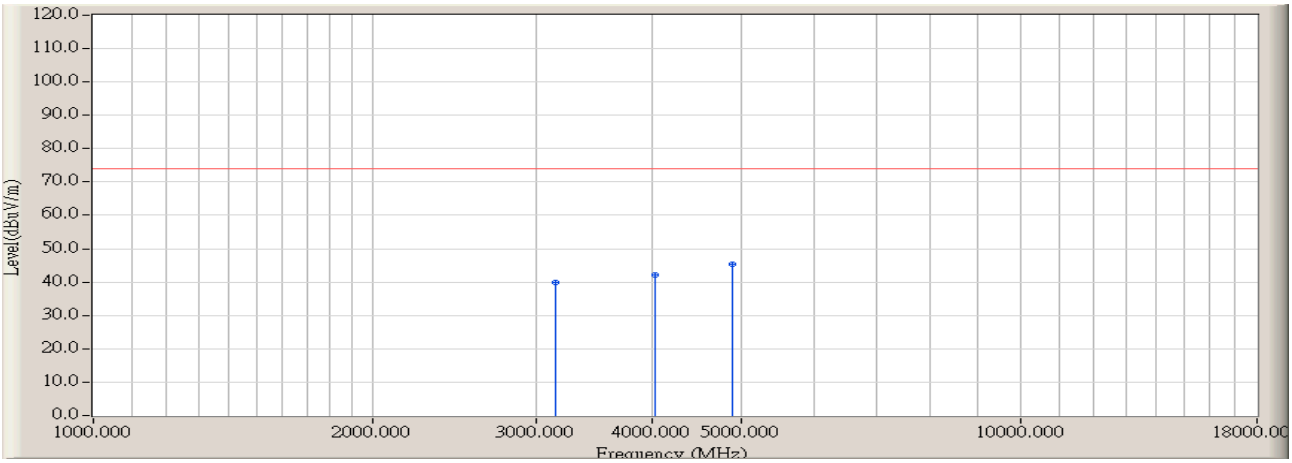
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	43.939	42.142	-31.828	73.970	PEAK	100.000	188.000
2		3918.333	0.673	40.651	41.324	-32.646	73.970	PEAK	102.400	168.400
3	*	4966.667	4.073	42.921	46.994	-26.976	73.970	PEAK	100.000	305.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



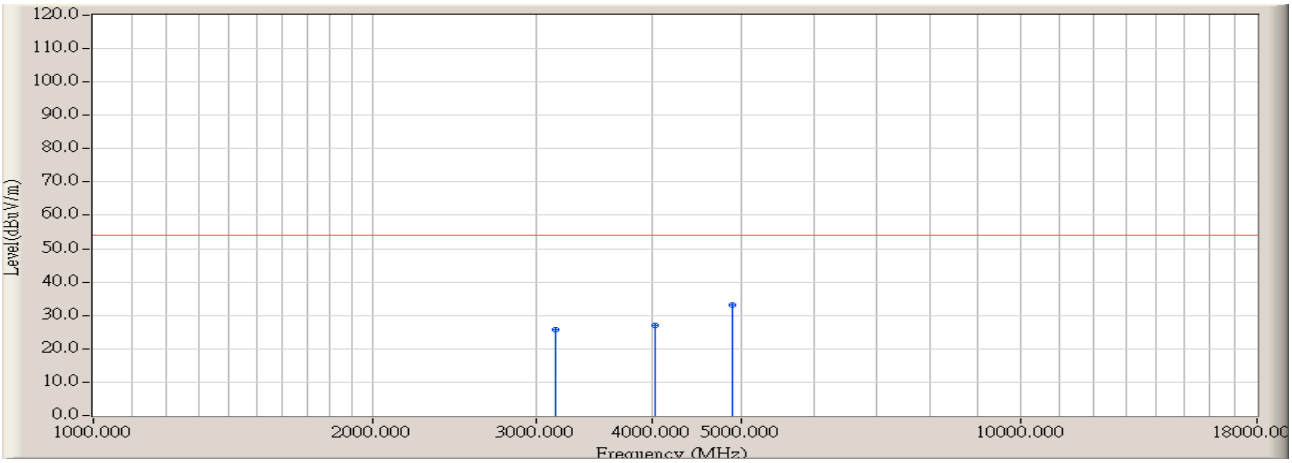
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	30.600	28.803	-25.167	53.970	AVERAGE	100.000	188.000
2		3918.333	0.673	26.400	27.073	-26.897	53.970	AVERAGE	102.400	168.400
3	*	4966.667	4.073	31.600	35.673	-18.297	53.970	AVERAGE	100.000	305.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



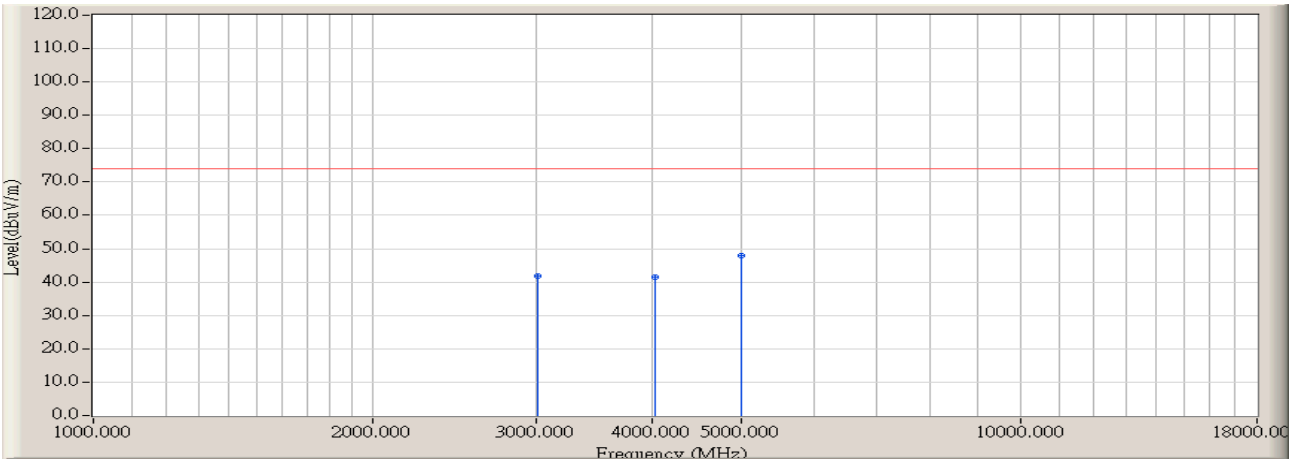
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3153.333	-1.567	41.511	39.944	-34.026	73.970	PEAK	100.000	155.000
2		4031.667	1.097	40.890	41.987	-31.983	73.970	PEAK	104.900	147.000
3	*	4881.667	3.633	41.883	45.516	-28.454	73.970	PEAK	100.000	194.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



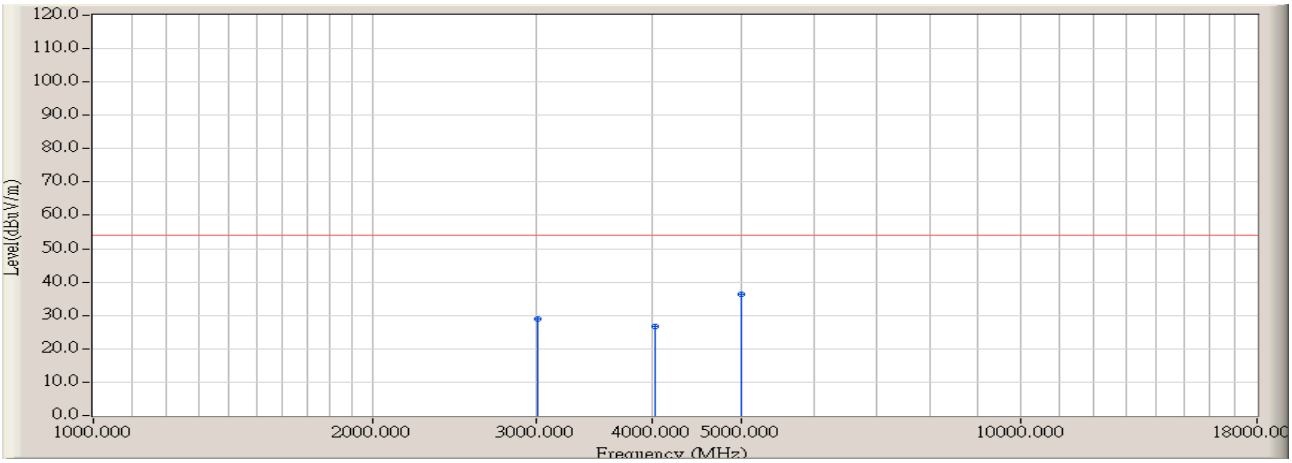
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3153.333	-1.567	27.400	25.833	-28.137	53.970	AVERAGE	100.000	155.000
2		4031.667	1.097	25.800	26.897	-27.073	53.970	AVERAGE	104.900	147.000
3	*	4881.667	3.633	29.400	33.033	-20.937	53.970	AVERAGE	100.000	194.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



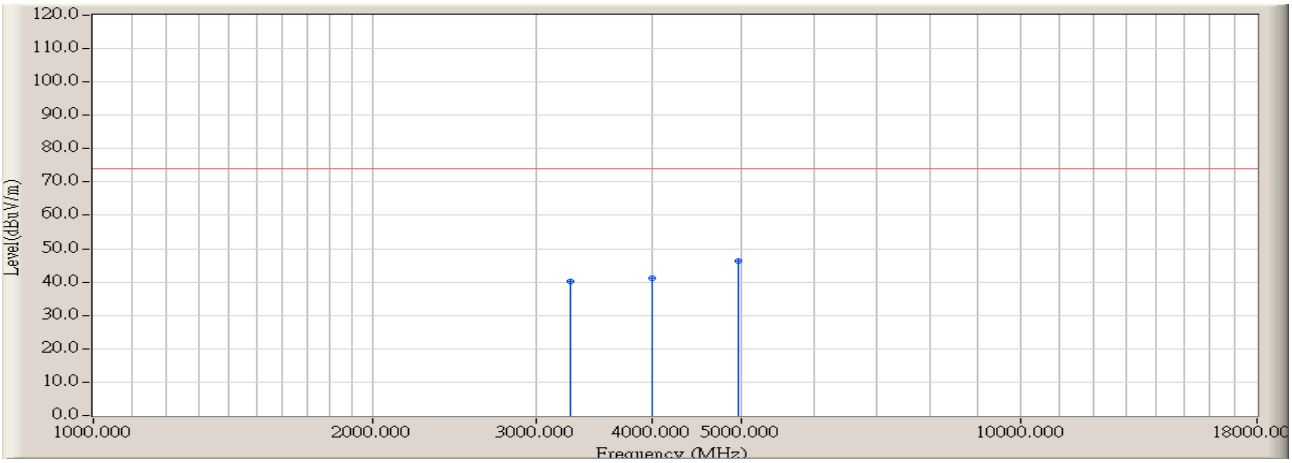
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	43.589	41.792	-32.178	73.970	PEAK	100.000	187.000
2		4031.667	1.097	40.440	41.537	-32.433	73.970	PEAK	106.000	149.000
3	*	4995.000	3.880	44.165	48.045	-25.925	73.970	PEAK	100.000	164.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:09**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2441MHz**



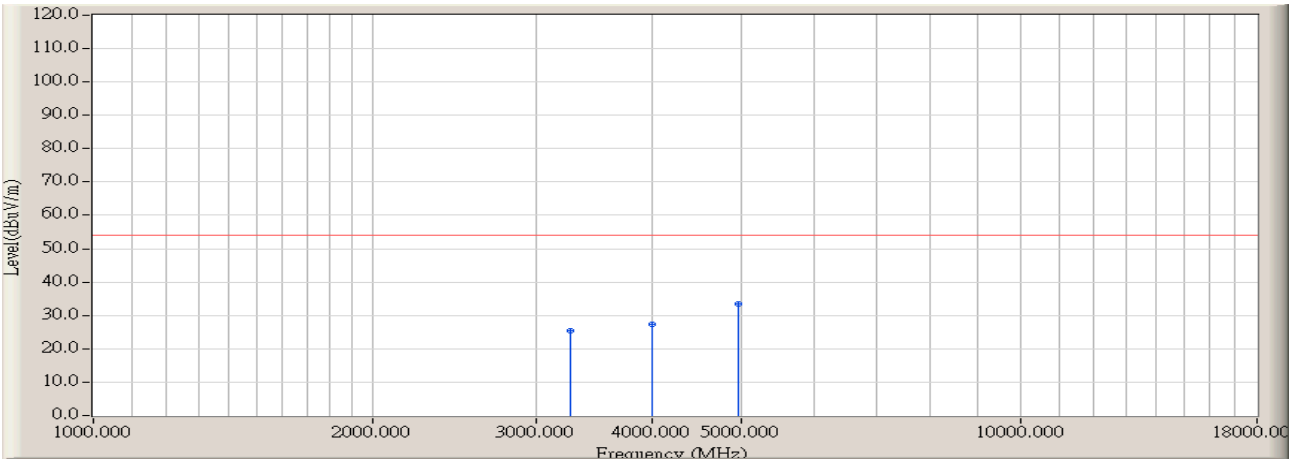
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	30.600	28.803	-25.167	53.970	AVERAGE	100.000	187.000
2		4031.667	1.097	25.600	26.697	-27.273	53.970	AVERAGE	106.000	149.000
3	*	4995.000	3.880	32.600	36.480	-17.490	53.970	AVERAGE	100.000	164.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



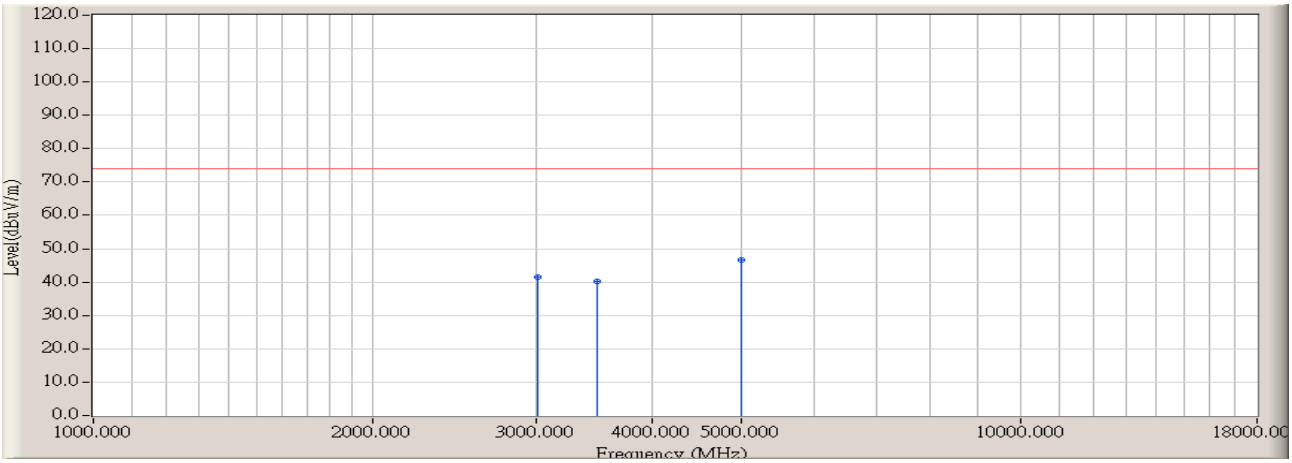
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3266.667	-1.793	41.859	40.066	-33.904	73.970	PEAK	105.100	235.000
2		4003.333	1.127	40.185	41.312	-32.658	73.970	PEAK	110.000	274.000
3	*	4966.667	4.073	42.285	46.358	-27.612	73.970	PEAK	106.100	49.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



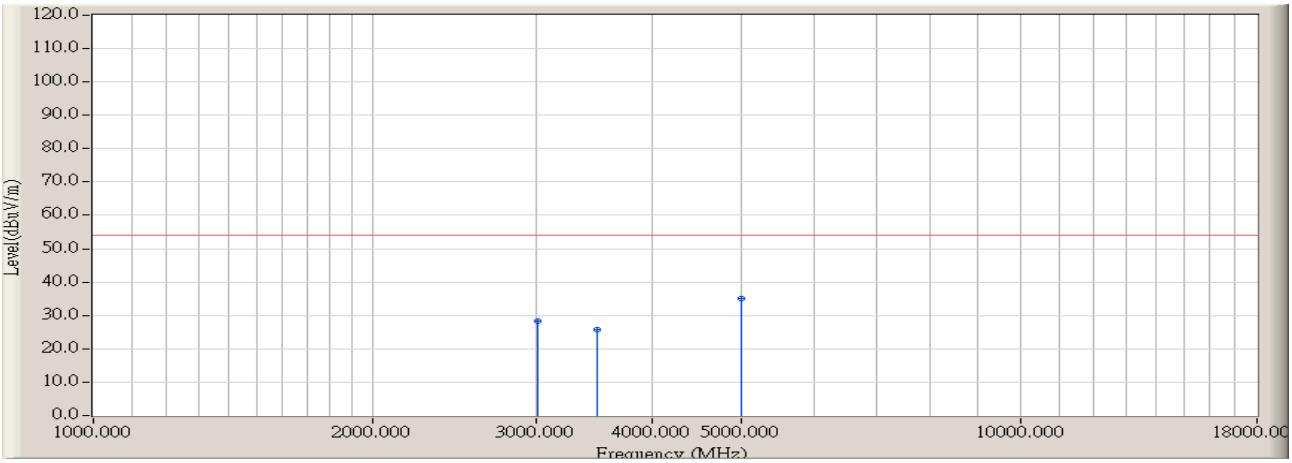
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3266.667	-1.793	27.100	25.307	-28.663	53.970	AVERAGE	105.100	235.000
2		4003.333	1.127	26.300	27.427	-26.543	53.970	AVERAGE	110.000	274.000
3	*	4966.667	4.073	29.400	33.473	-20.497	53.970	AVERAGE	106.100	49.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



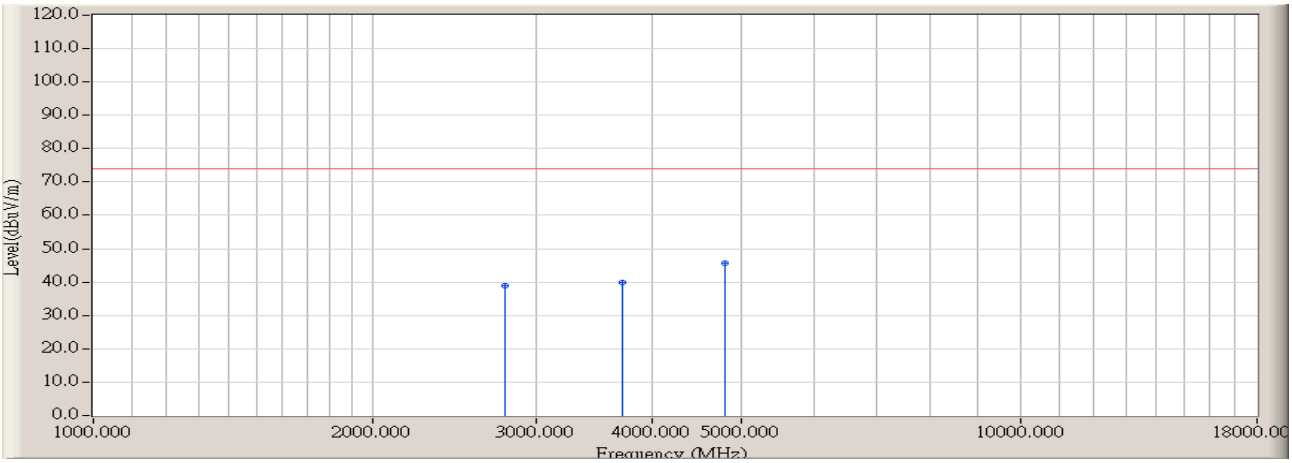
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	43.208	41.411	-32.559	73.970	PEAK	100.000	184.000
2		3493.333	-1.093	41.262	40.169	-33.801	73.970	PEAK	100.000	139.000
3	*	4995.000	3.880	42.741	46.621	-27.349	73.970	PEAK	100.000	246.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



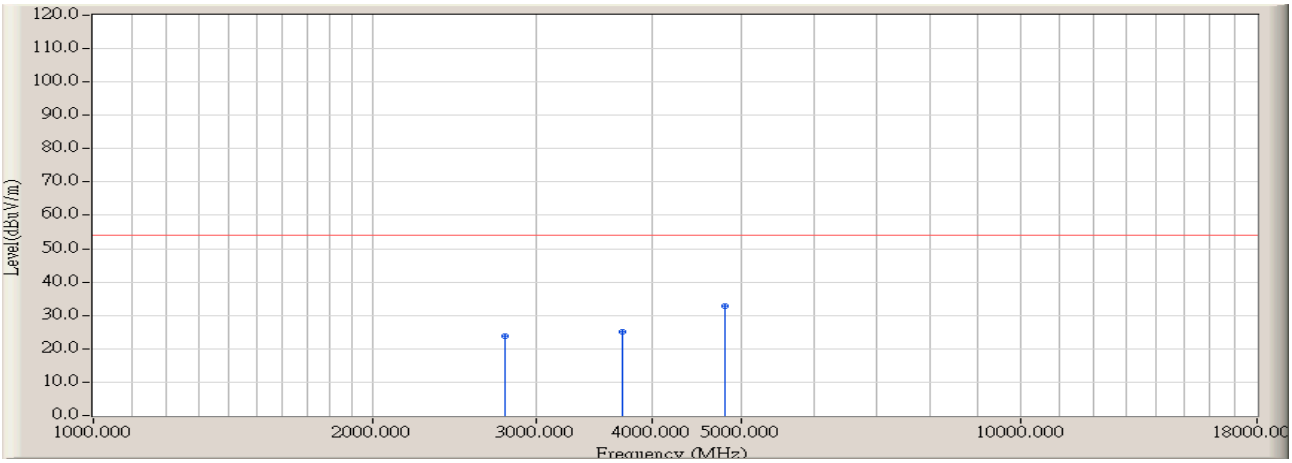
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	30.200	28.403	-25.567	53.970	AVERAGE	100.000	184.000
2		3493.333	-1.093	26.800	25.707	-28.263	53.970	AVERAGE	100.000	139.000
3	*	4995.000	3.880	31.300	35.180	-18.790	53.970	AVERAGE	100.000	246.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



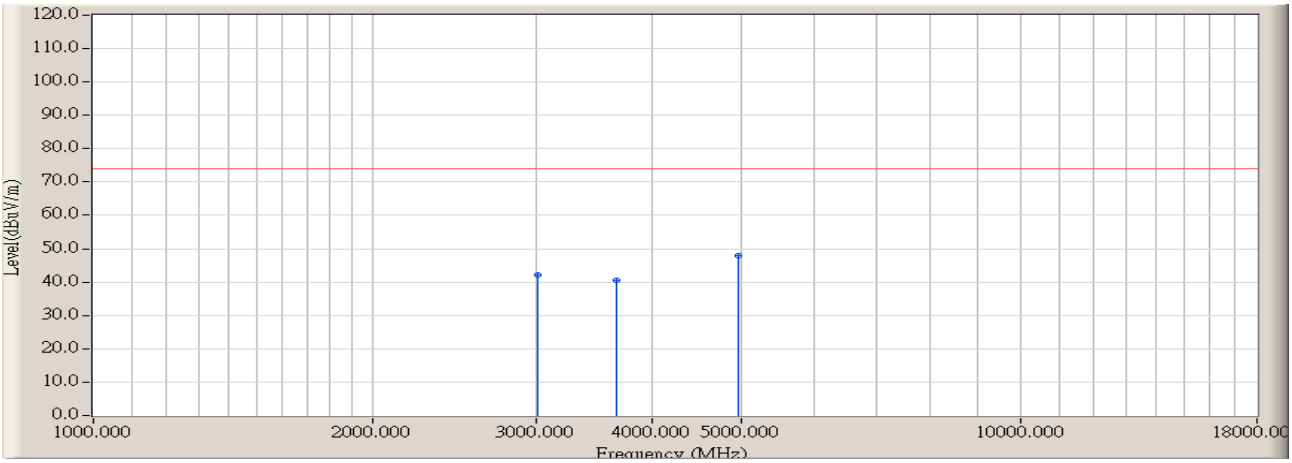
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		2785.000	-2.550	41.345	38.795	-35.175	73.970	PEAK	108.400	138.000
2		3720.000	-0.320	40.161	39.841	-34.129	73.970	PEAK	100.000	316.000
3	*	4796.667	3.490	42.056	45.546	-28.424	73.970	PEAK	100.000	189.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



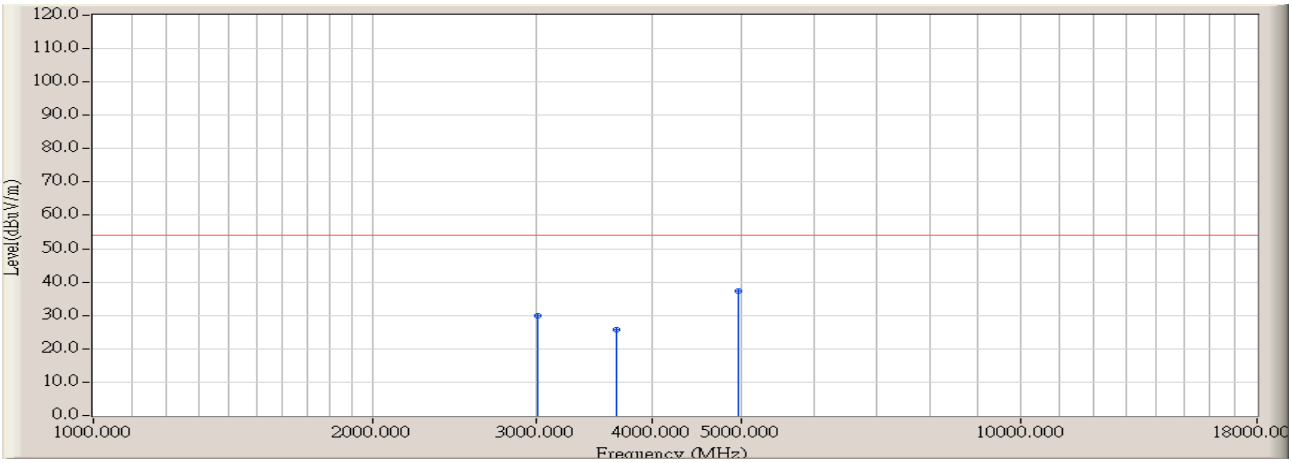
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		2785.000	-2.550	26.400	23.850	-30.120	53.970	AVERAGE	108.400	138.000
2		3720.000	-0.320	25.300	24.980	-28.990	53.970	AVERAGE	100.000	316.000
3	*	4796.667	3.490	29.400	32.890	-21.080	53.970	AVERAGE	100.000	189.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



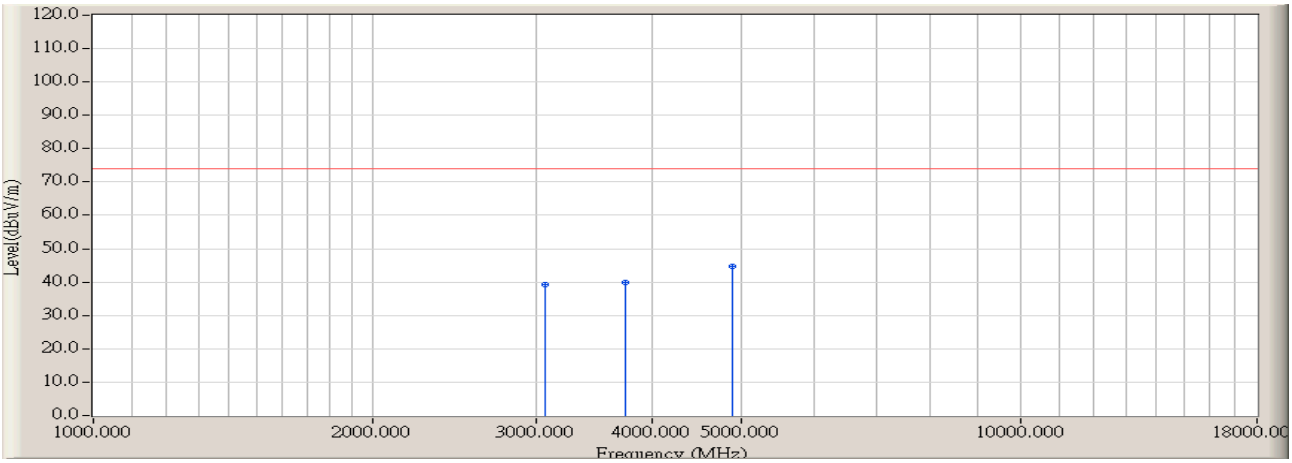
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	44.041	42.244	-31.726	73.970	PEAK	100.000	95.000
2		3663.333	-0.643	41.122	40.479	-33.491	73.970	PEAK	105.400	168.000
3	*	4966.667	4.073	43.853	47.926	-26.044	73.970	PEAK	106.400	117.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



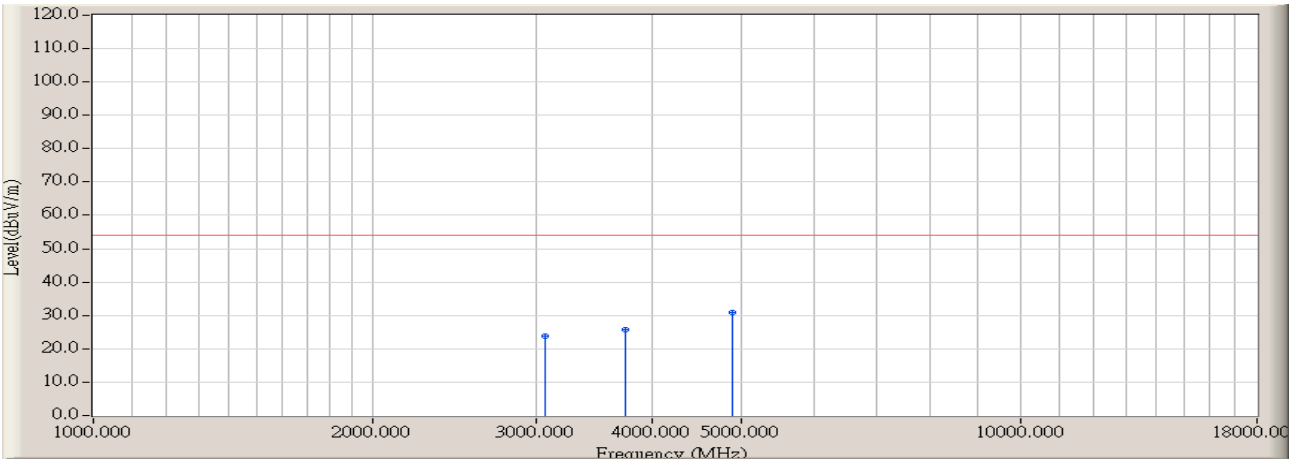
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	31.600	29.803	-24.167	53.970	AVERAGE	100.000	95.000
2		3663.333	-0.643	26.400	25.757	-28.213	53.970	AVERAGE	105.400	168.000
3	*	4966.667	4.073	33.400	37.473	-16.497	53.970	AVERAGE	106.400	117.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



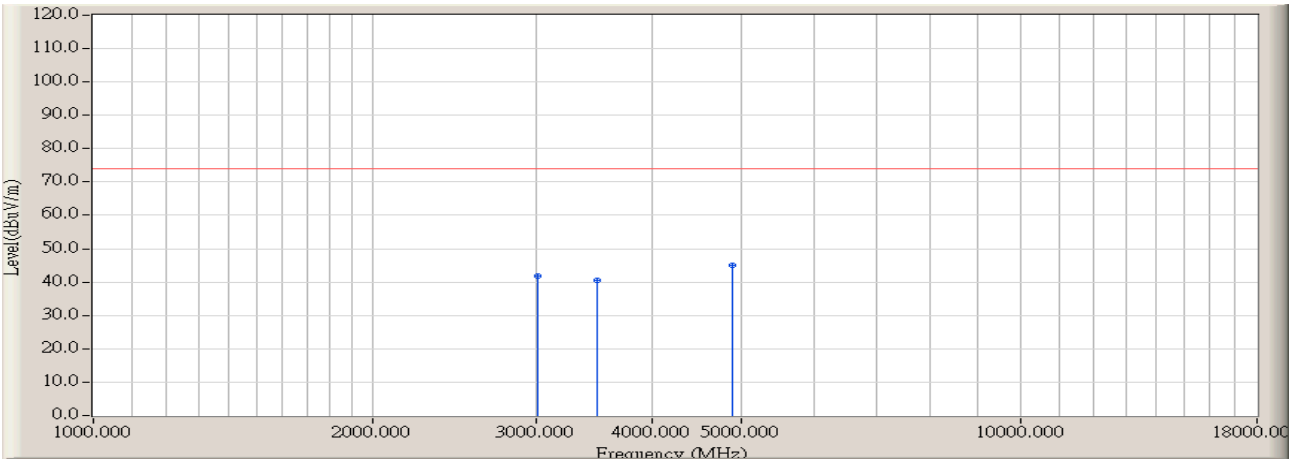
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3068.333	-1.424	40.820	39.397	-34.573	73.970	PEAK	106.700	174.000
2		3748.333	-0.233	40.274	40.041	-33.929	73.970	PEAK	103.000	148.000
3	*	4881.667	3.633	40.966	44.599	-29.371	73.970	PEAK	106.000	66.400

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



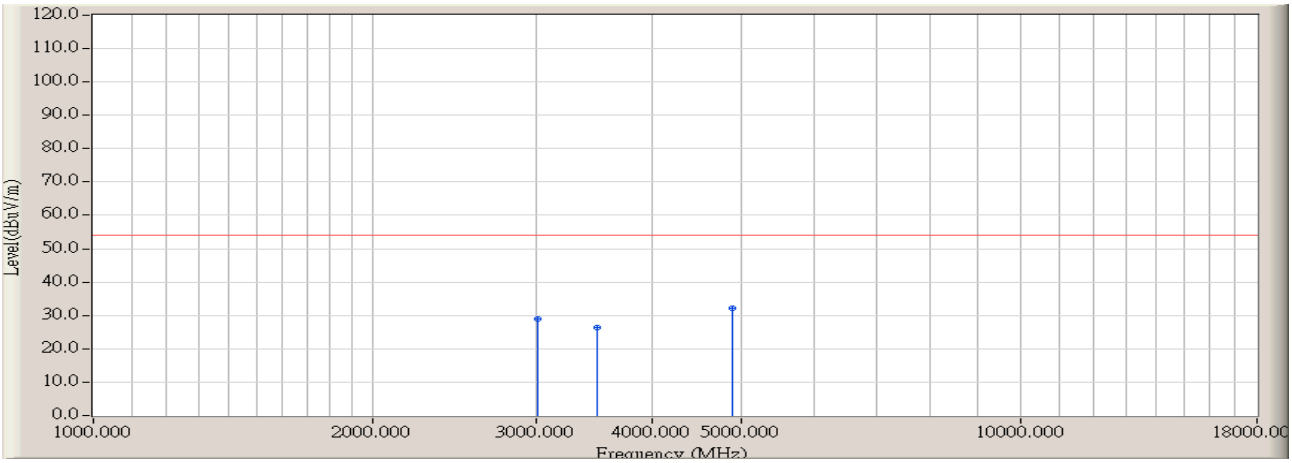
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3068.333	-1.424	25.200	23.777	-30.193	53.970	AVERAGE	106.700	174.000
2		3748.333	-0.233	26.100	25.867	-28.103	53.970	AVERAGE	103.000	148.000
3	*	4881.667	3.633	27.400	31.033	-22.937	53.970	AVERAGE	106.000	66.400

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



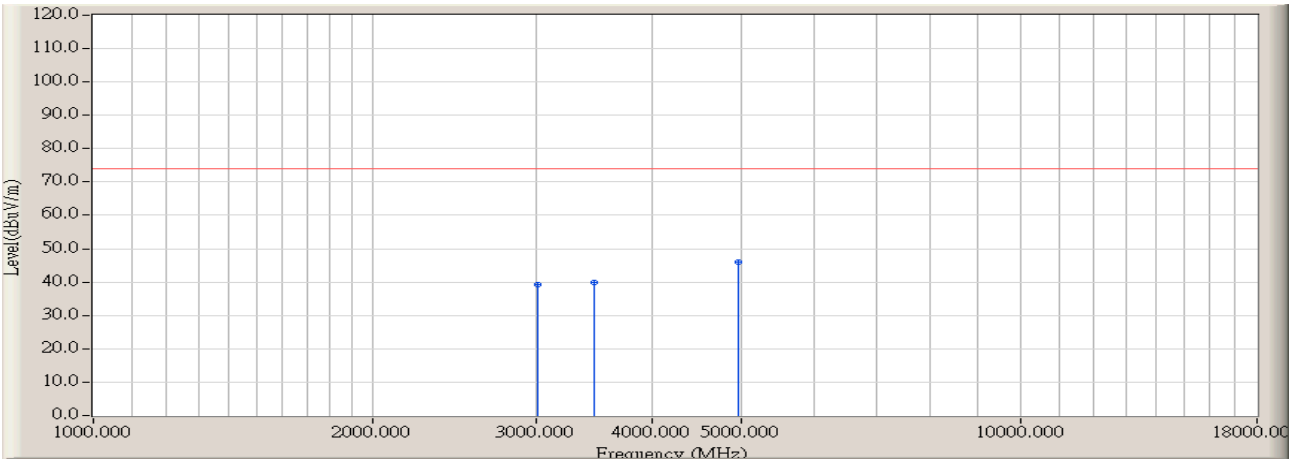
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	43.687	41.890	-32.080	73.970	PEAK	100.000	168.000
2		3493.333	-1.093	41.759	40.666	-33.304	73.970	PEAK	100.000	174.000
3	*	4881.667	3.633	41.302	44.935	-29.035	73.970	PEAK	103.400	318.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2441MHz**



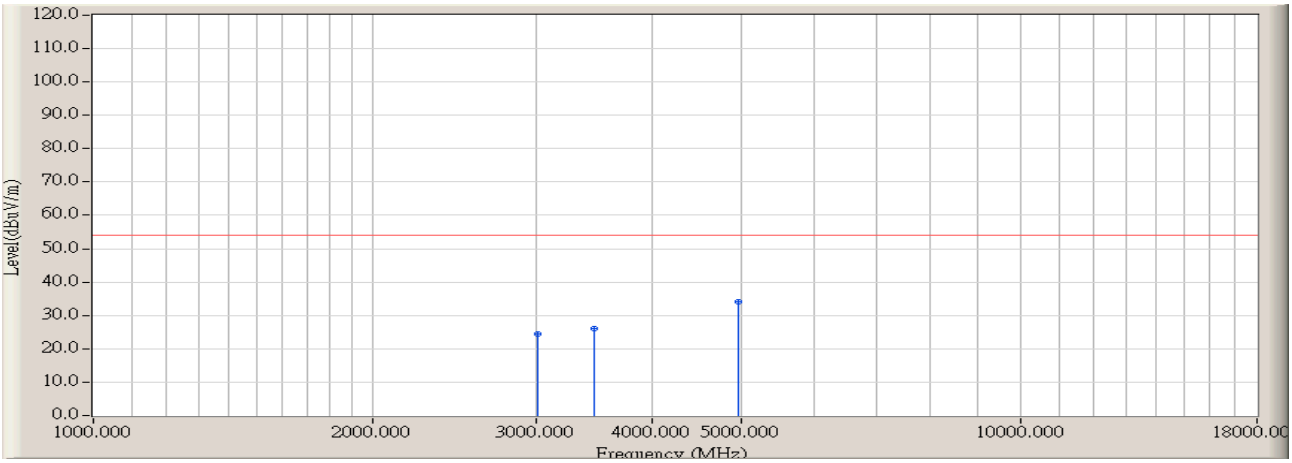
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	30.600	28.803	-25.167	53.970	AVERAGE	100.000	168.000
2		3493.333	-1.093	27.500	26.407	-27.563	53.970	AVERAGE	100.000	174.000
3	*	4881.667	3.633	28.600	32.233	-21.737	53.970	AVERAGE	103.400	318.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



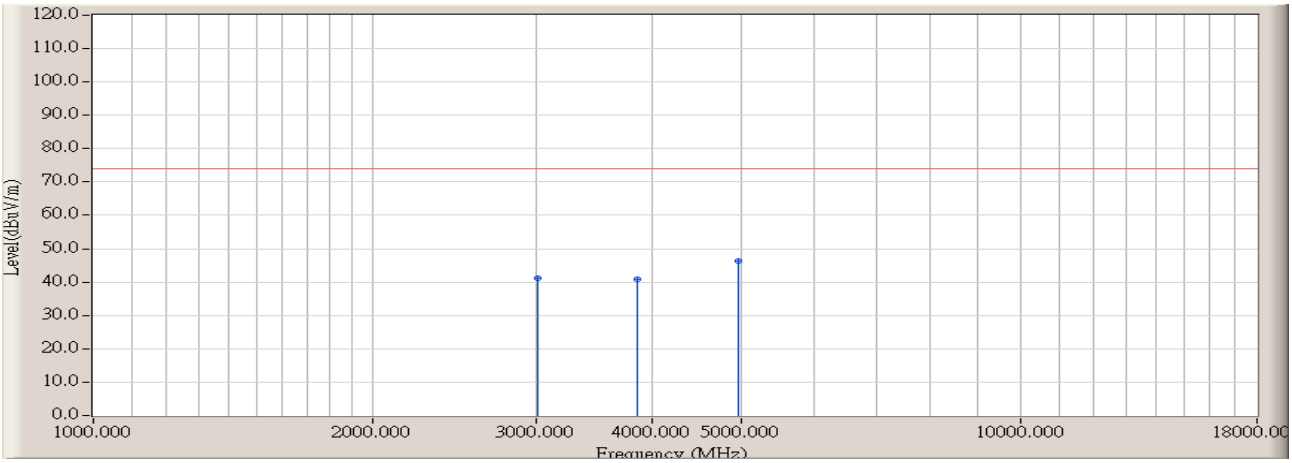
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	41.007	39.210	-34.760	73.970	PEAK	105.100	117.000
2		3465.000	-1.200	41.122	39.922	-34.048	73.970	PEAK	100.000	61.000
3	*	4966.667	4.073	41.889	45.962	-28.008	73.970	PEAK	104.000	218.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



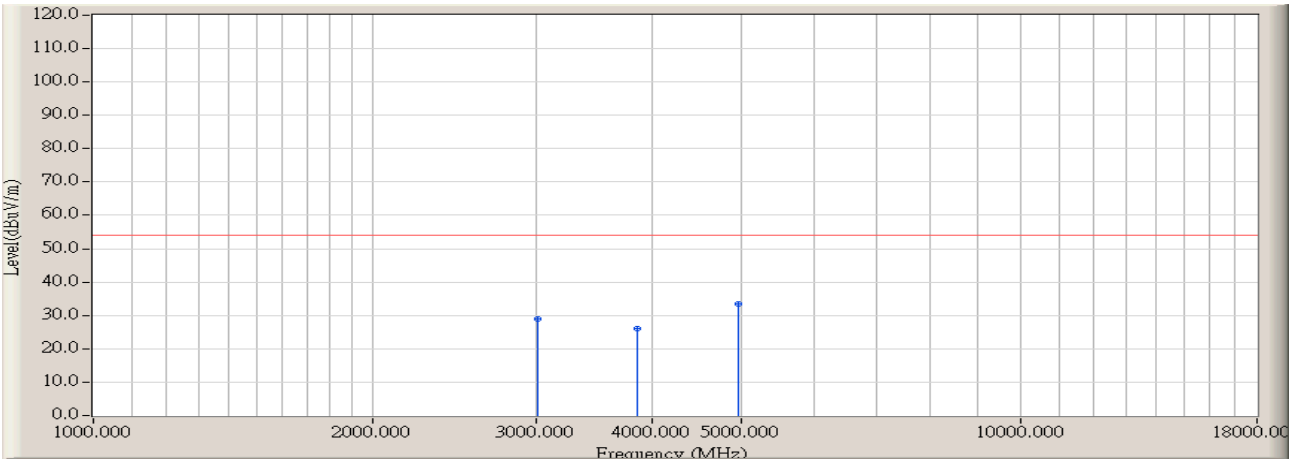
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	26.400	24.603	-29.367	53.970	AVERAGE	105.100	117.000
2		3465.000	-1.200	27.300	26.100	-27.870	53.970	AVERAGE	100.000	61.000
3	*	4966.667	4.073	30.000	34.073	-19.897	53.970	AVERAGE	104.000	218.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	43.064	41.267	-32.703	73.970	PEAK	100.000	195.000
2		3861.667	0.307	40.702	41.009	-32.961	73.970	PEAK	100.000	52.000
3	*	4966.667	4.073	42.212	46.285	-27.685	73.970	PEAK	100.000	244.000

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/18 - 16:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		3011.667	-1.796	30.600	28.803	-25.167	53.970	AVERAGE	100.000	195.000
2		3861.667	0.307	25.600	25.907	-28.063	53.970	AVERAGE	100.000	52.000
3	*	4966.667	4.073	29.400	33.473	-20.497	53.970	AVERAGE	100.000	244.000

5. 20dB Bandwidth

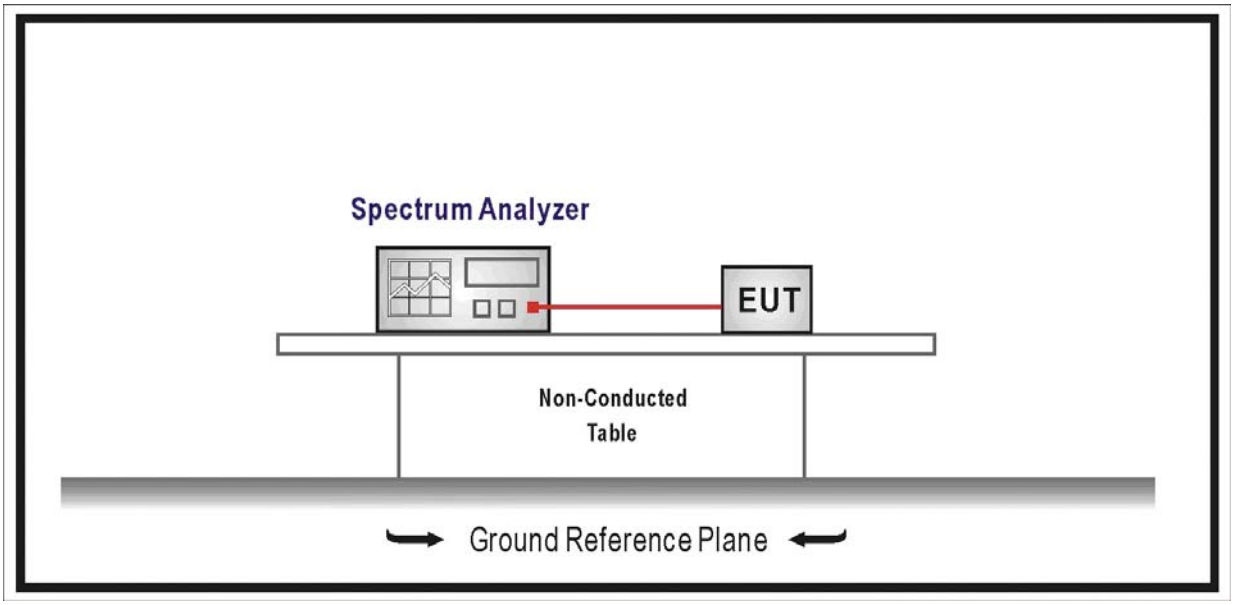
5.1. Test Equipment

20dB Bandwidth / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

5.2. Test Setup



5.3. Limit

- For frequency hopping systems operating in 2400-2483.5 MHz band, no limitation.
- For frequency hopping systems operating in 902-928 MHz band, the maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.
- For frequency hopping systems operating in 5725-5850 MHz band, the maximum 20 dB bandwidth of the hopping channel is 1 MHz.

5.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
Use the following spectrum analyzer settings:
Span = approximately 2 to 3 times the 20dB bandwidth, centered on a hopping channel
RBW ≧ 1% of the 20dB bandwidth
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
The EUT should be transmitting at its maximum data rate. Allow the trace to stabilize.
Use the marker-to-peak function to set the marker to the peak of the emission. Use the marker-delta function to measure 20 dB down one side of the emission. Reset the marker-delta function, and move the marker to the other side of the emission, until it is (as close as possible to) even with the reference marker level. The marker-delta reading at this point is the 20 dB bandwidth of the emission. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.

5.5. Uncertainty

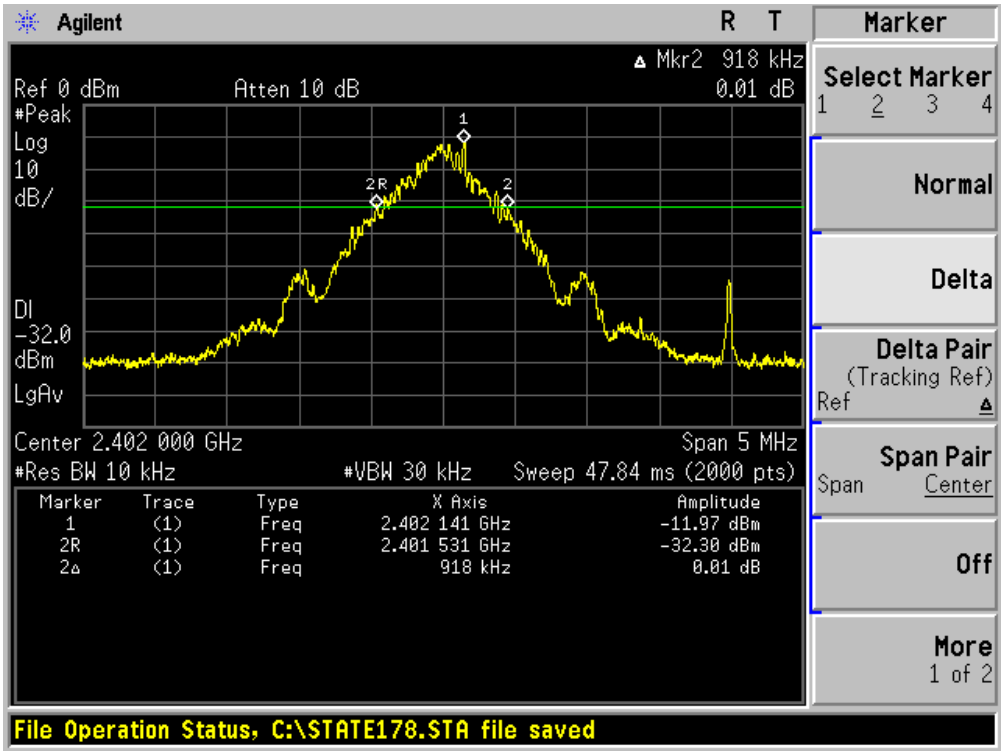
The measurement uncertainty is defined as ± 1 kHz

5.6. Test Result

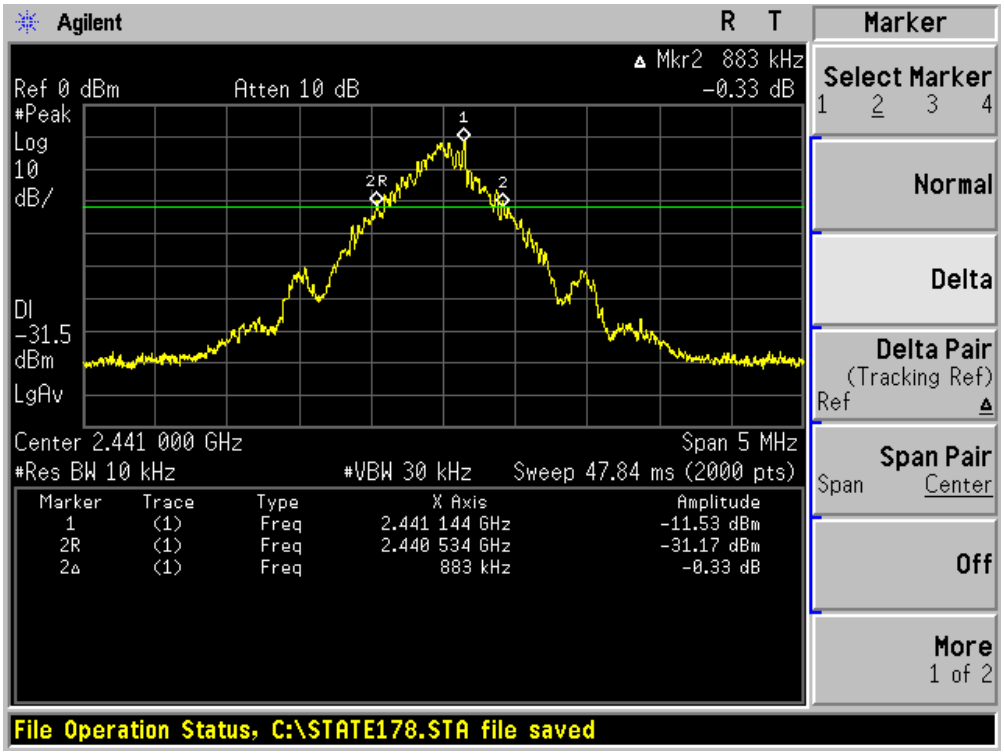
Product	:	Notebook P.C.
Test Item	:	20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit (DH5)

Channel No.	Frequency (MHz)	20dB Bandwidth (kHz)	Limit (kHz)	Result
00	2402	918	N/A	Pass
39	2441	883	N/A	Pass
78	2480	923	N/A	Pass

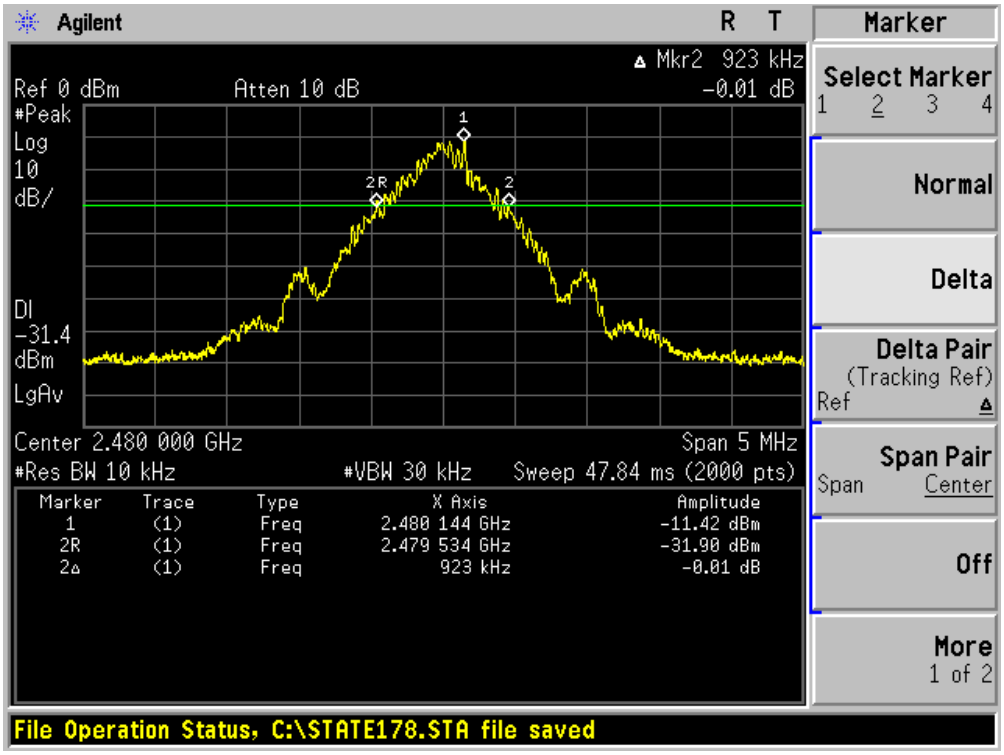
Channel 00 (2402MHz)



Channel 39 (2441MHz)



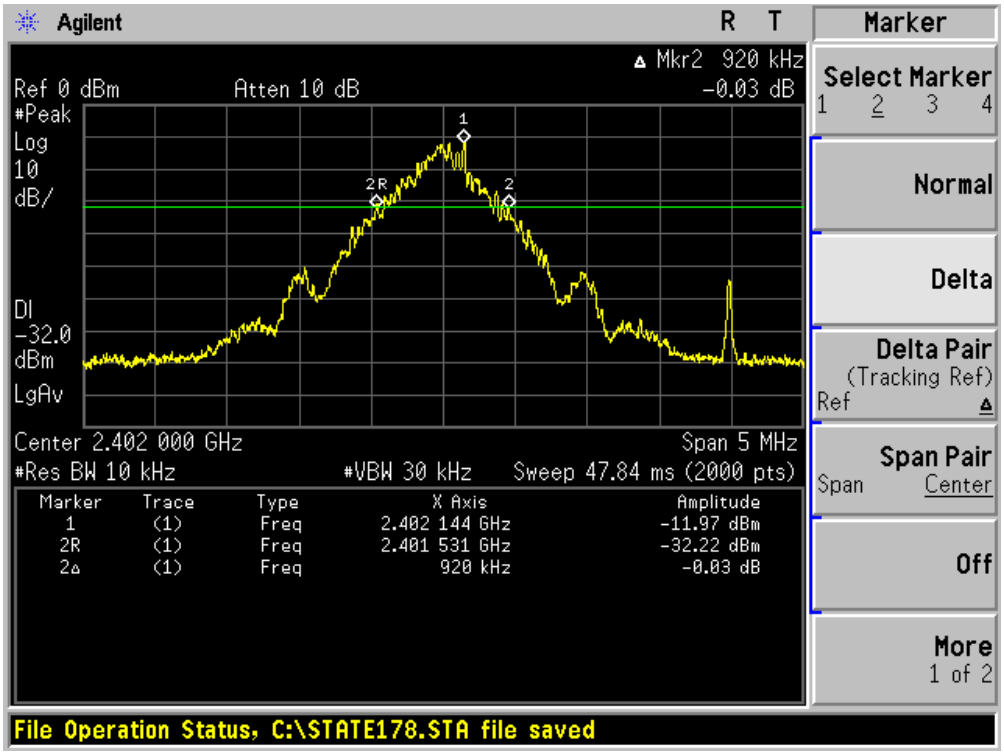
Channel 78 (2480MHz)



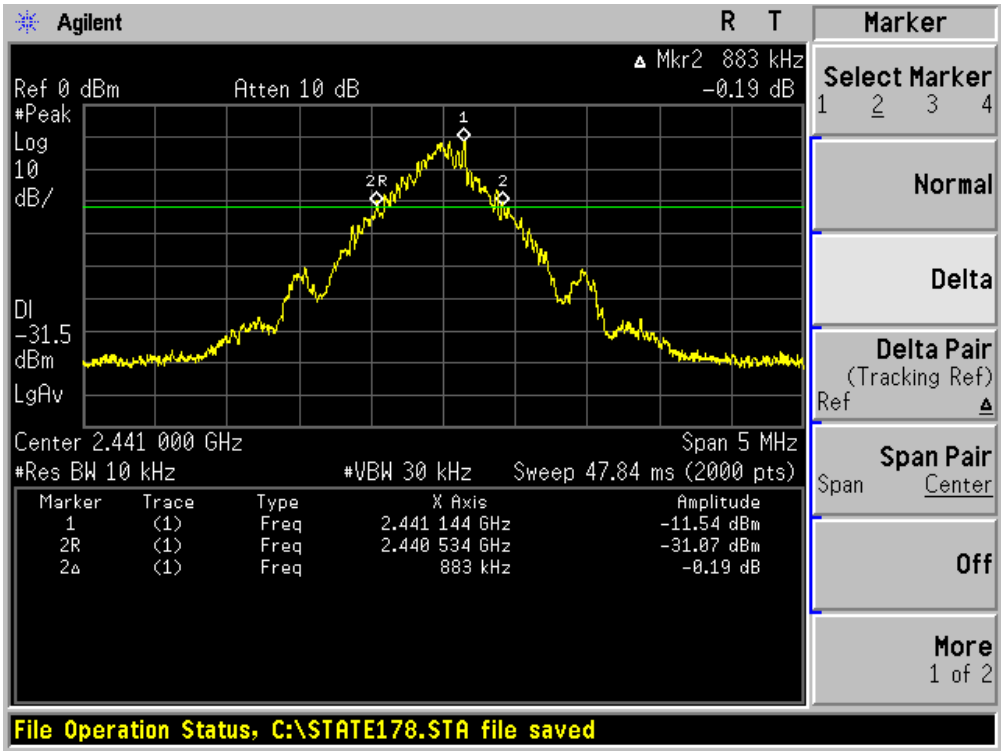
Product	:	Notebook P.C.
Test Item	:	20dB Bandwidth
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit (3DH5)

Channel No.	Frequency (MHz)	20dB Bandwidth (kHz)	Limit (kHz)	Result
00	2402	920	N/A	Pass
39	2441	883	N/A	Pass
78	2480	923	N/A	Pass

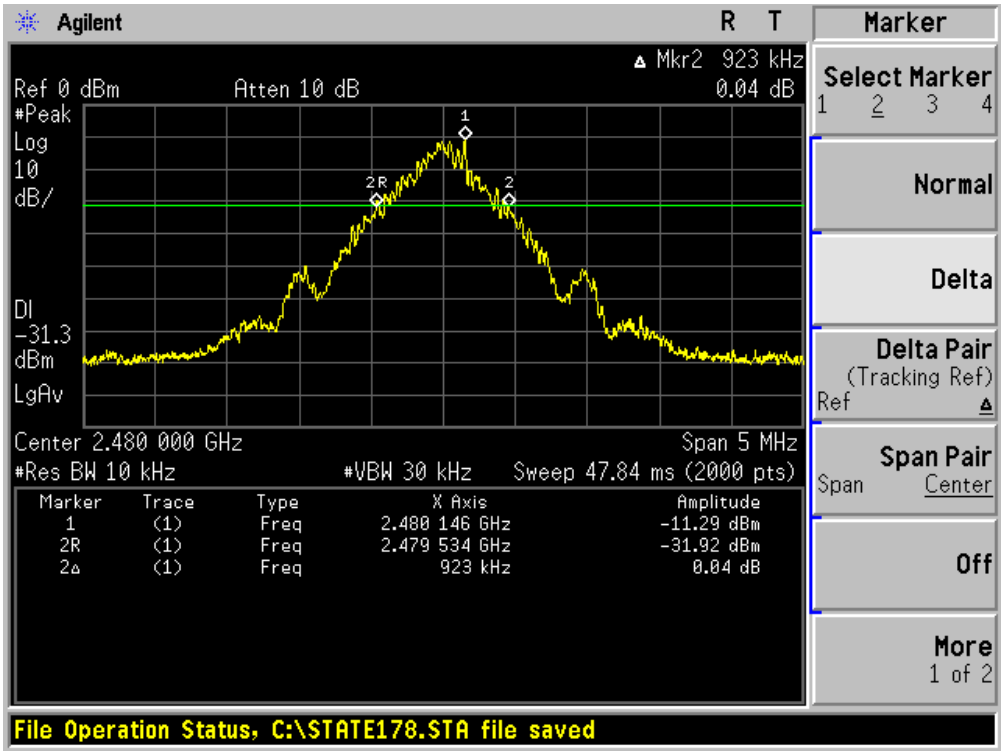
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



6. Carrier Frequency Separation

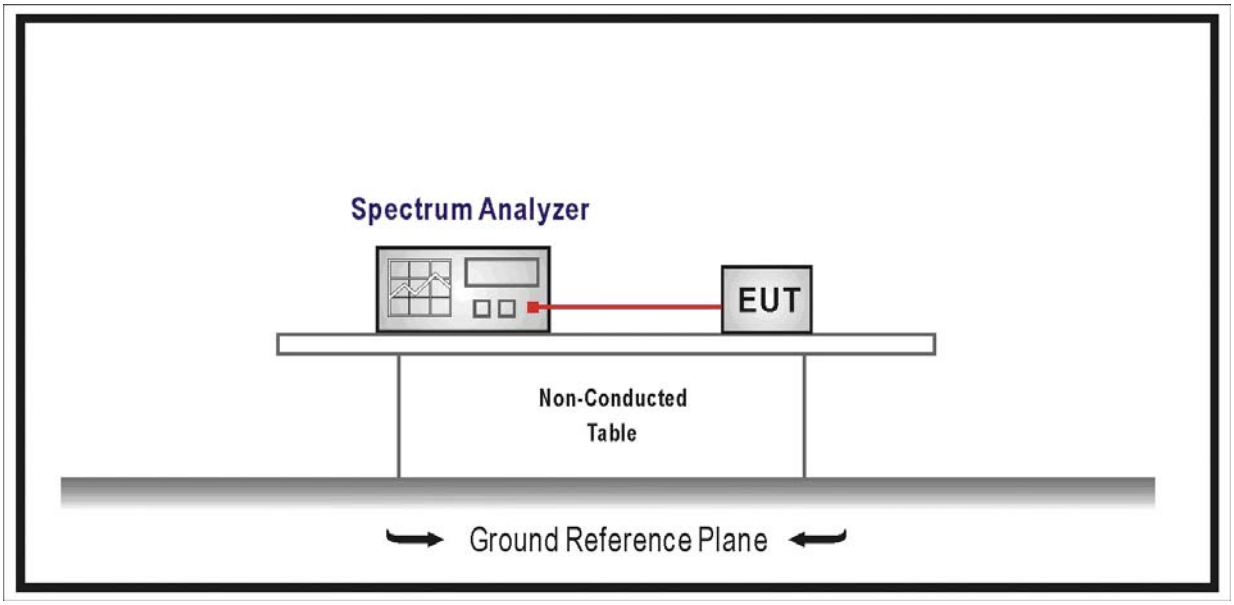
6.1. Test Equipment

Carrier Frequency Separation / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

6.2. Test Setup



6.3. Limit

- 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. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudorandomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each

transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

- For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less then 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.
- Frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies. The maximum 20 dB bandwidth of the hopping channel is 1 MHz. The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 30 second period.

6.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:
Span = wide enough to capture the peaks of two adjacent channels
Resolution (or IF) Bandwidth (RBW) ≧ 1% of the span
Video (or Average) Bandwidth VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Allow the trace to stabilize. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

6.5. Uncertainty

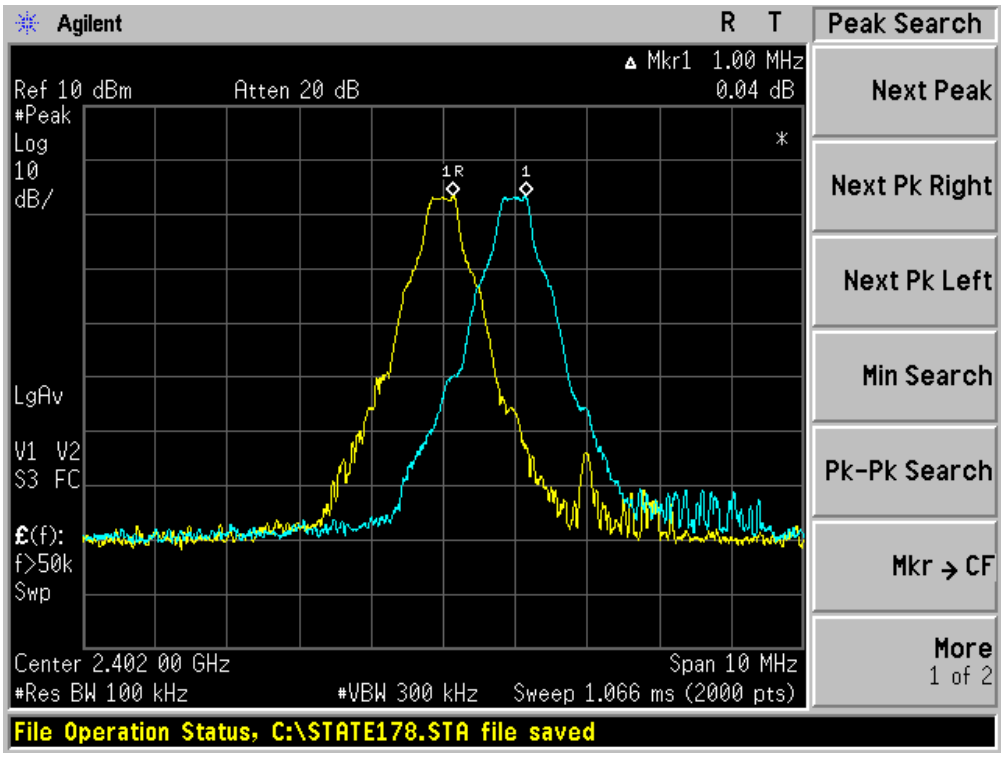
The measurement uncertainty is defined as ± 1 kHz

6.6. Test Result

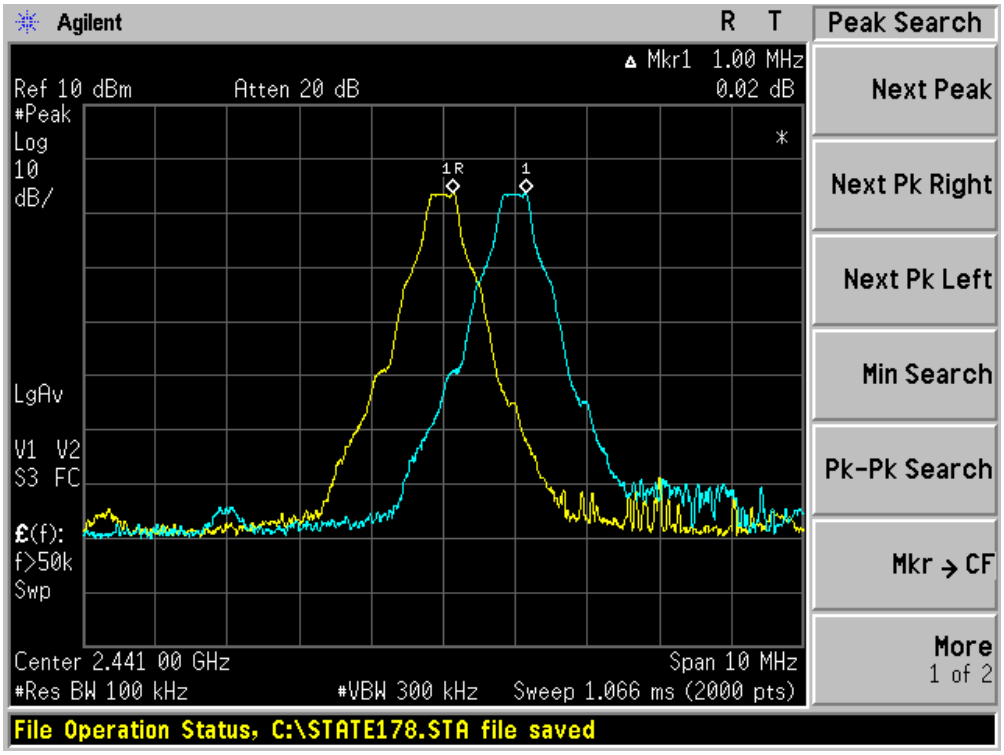
Product	:	Notebook P.C.
Test Item	:	Carrier Frequency Separation
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by Bluetooth (DH5)

Channel No.	Frequency (MHz)	Carrier Frequency Separation (kHz)	Limit (kHz)	Result
00	2402	1000	>25 kHz or 2/3 of 20 dB BW	Pass
39	2441	1000	>25 kHz or 2/3 of 20 dB BW	Pass
78	2480	1000	>25 kHz or 2/3 of 20 dB BW	Pass

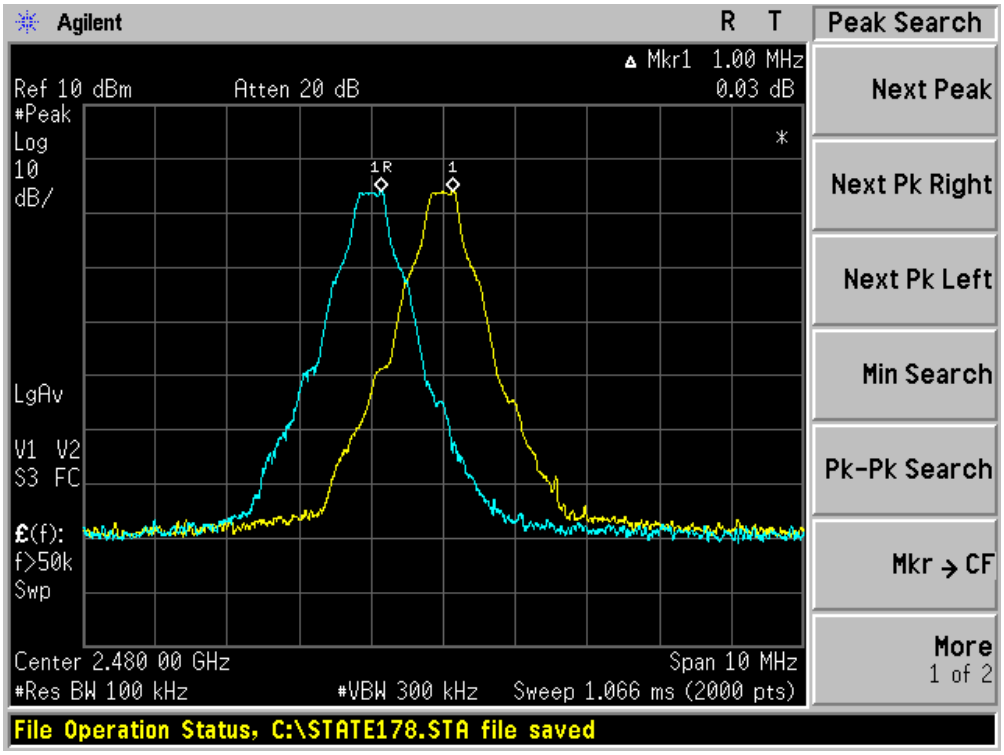
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



7. Number of Hopping Frequencies

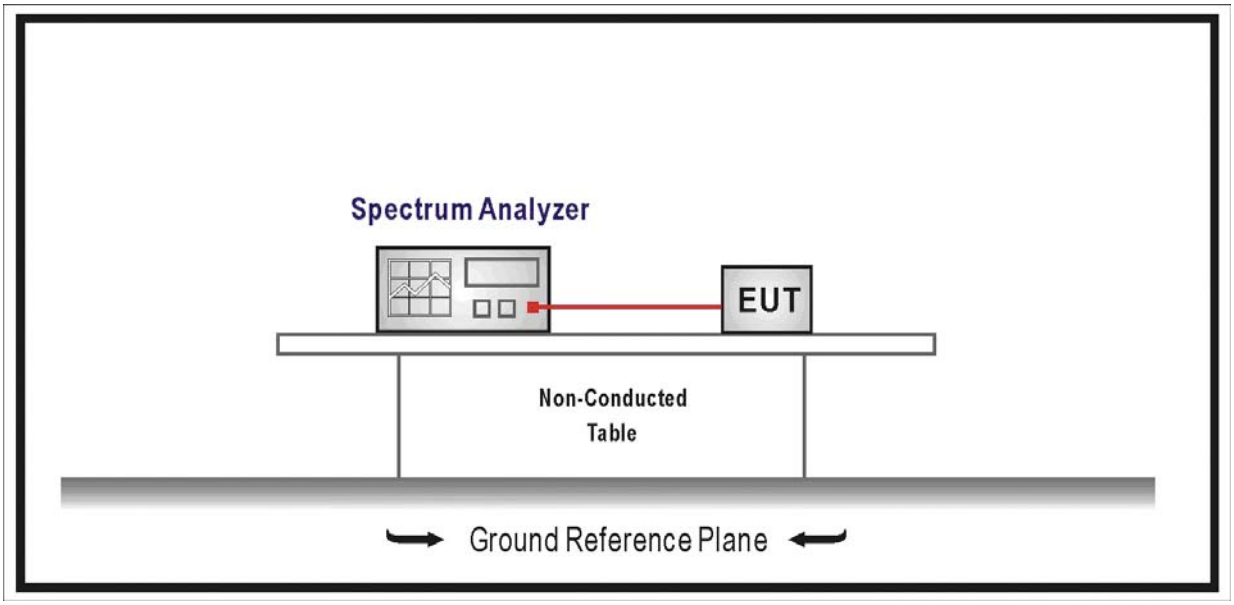
7.1. Test Equipment

Number of Hopping Frequencies / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

7.2. Test Setup



7.3. Limit

- For frequency hopping systems operating in the 2400-2483.5 MHz band shall use at least 15 hopping frequencies.
- For frequency hopping systems operating in 902-928 MHz band shall use at least 50 hopping frequencies.
- For frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies.

7.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:
Span = the frequency band of operation
RBW ≧ 1% of the span
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Allow the trace to stabilize. It may prove necessary to bread the span up to sections, in order to clearly show all of the hopping frequencies.

7.5. Uncertainty

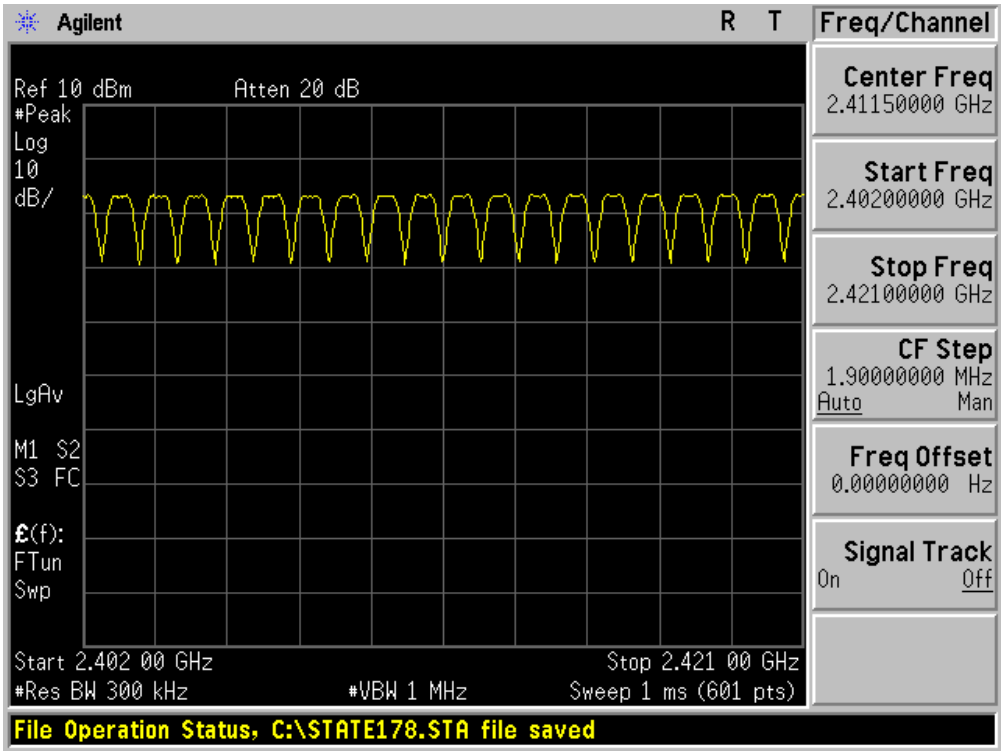
The measurement uncertainty is defined as ± 1 kHz

7.6. Test Result

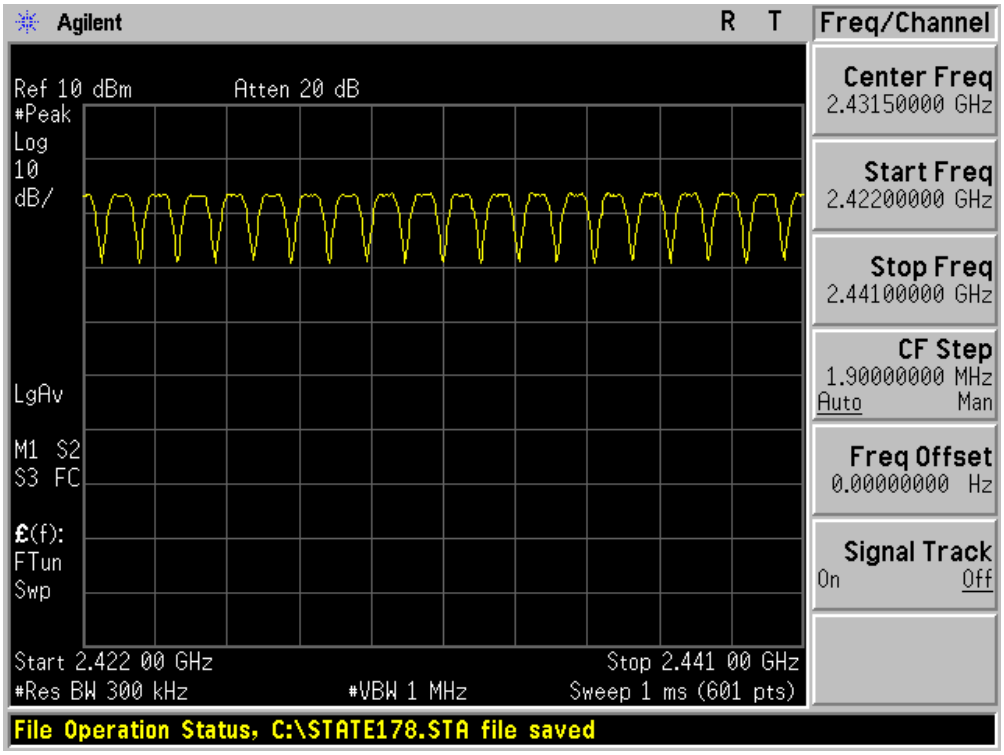
Product	:	Notebook P.C.
Test Item	:	Number of Hopping Frequencies
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by Bluetooth (DH5)

Frequency Band (MHz)	Number of Hopping Frequencies	Limit	Result
2400 - 2483.5	79	>15	Pass

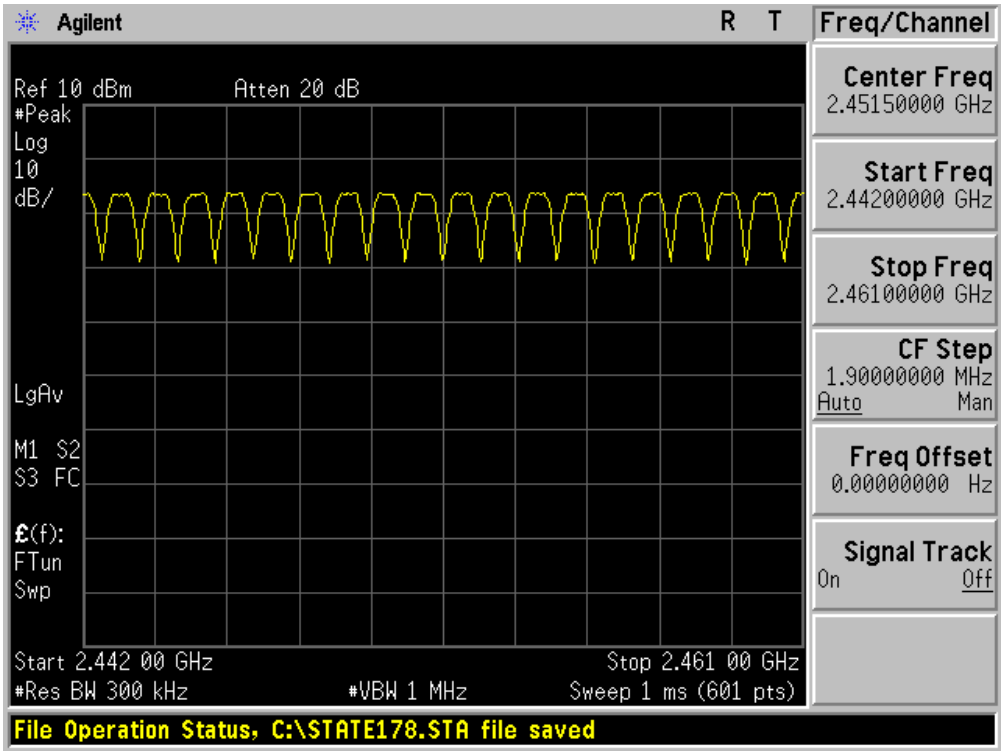
2402 - 2421 MHz



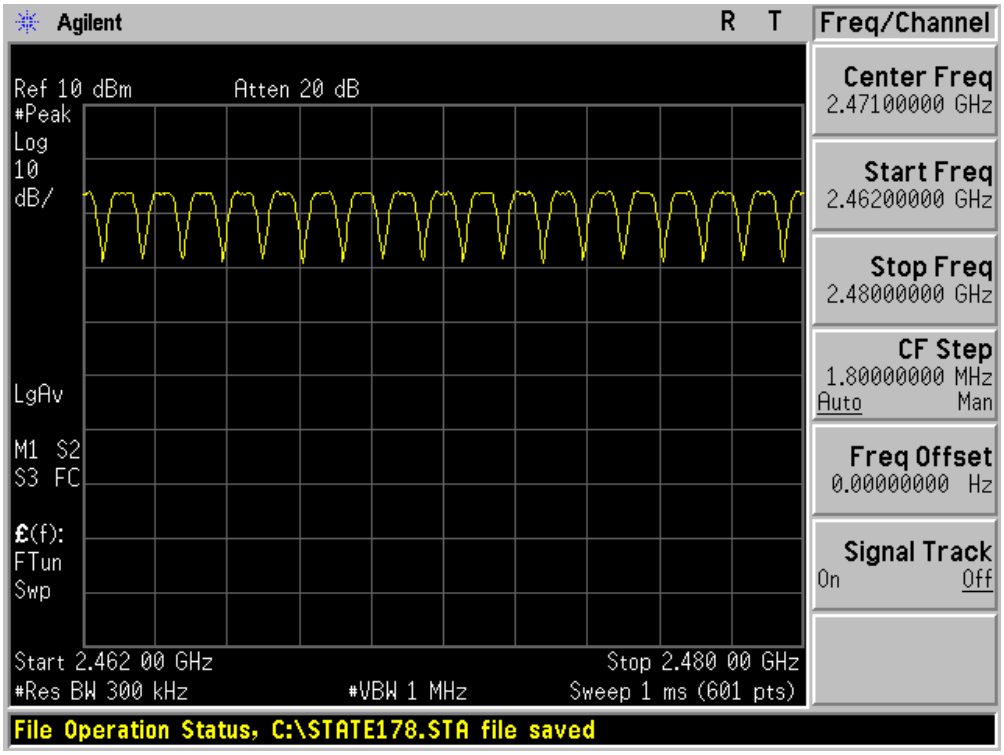
2422 - 2441 MHz



2442 - 2461 MHz



2462 - 2480 MHz



8. Time of Occupancy (Dwell Time)

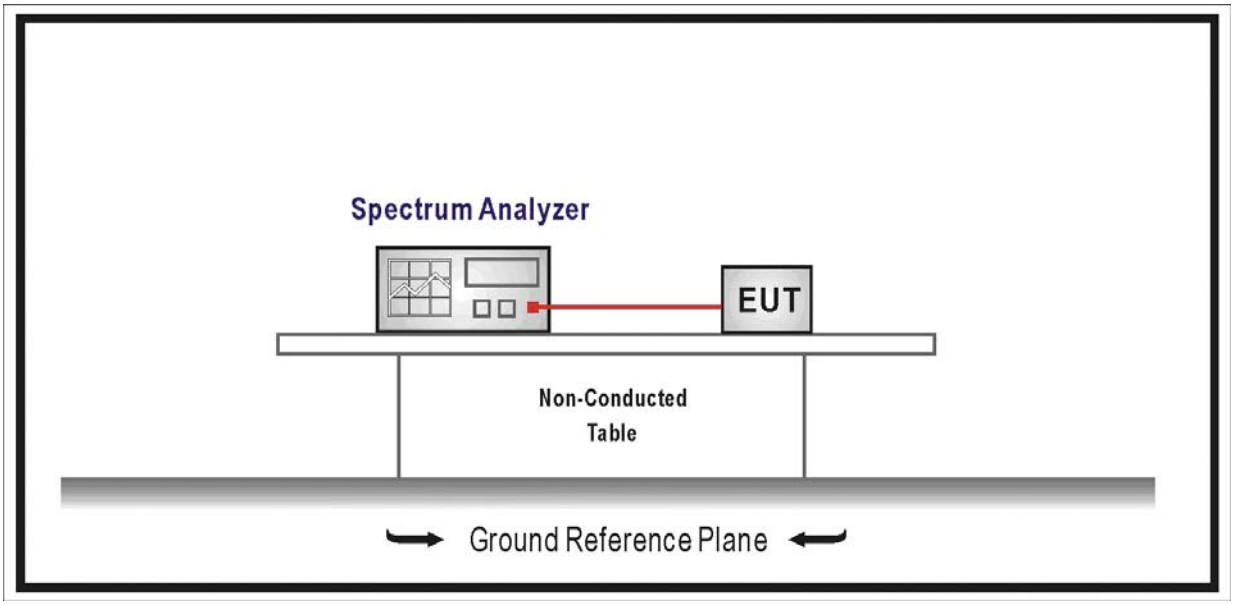
8.1. Test Equipment

Time of Occupancy (Dwell Time) / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

8.2. Test Setup



8.3. Limit

- For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less then 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.

- Frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies. The maximum 20 dB bandwidth of the hopping channel is 1 MHz. The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 30 second period.
- Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater then 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

8.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:
Span = zero span, centered on a hopping channel
RBW = 1MHz
VBW ≧ RBW
Sweep = as necessary to capture the entire dwell time per hopping channel
Detector function = peak
Trace = max hold
If possible, use the marker-delta function to determine the dwell time. If this value varies with different modes of operation (e.g., data rate, modulation format, etc.), repeat this test for each variation.

8.5. Uncertainty

The measurement uncertainty is defined as ± 0.1 us

8.6. Test Result

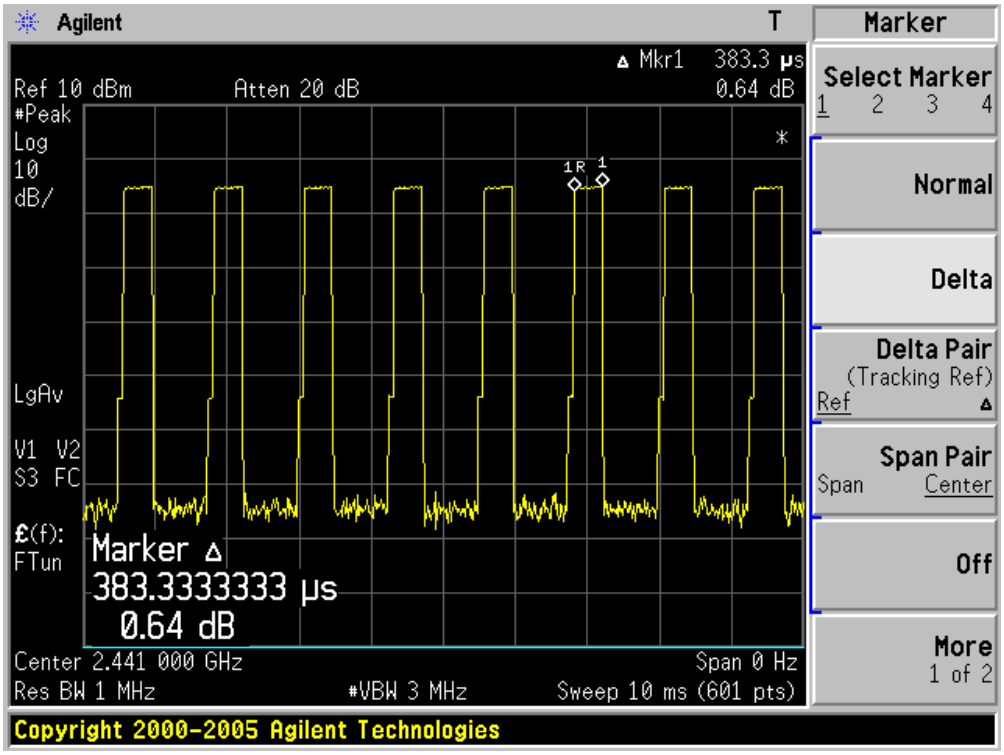
Product	:	Notebook P.C.
Test Item	:	Time of Occupancy (Dwell Time)
Test Site	:	AC-4
Test Mode	:	Transmit at 2441MHz

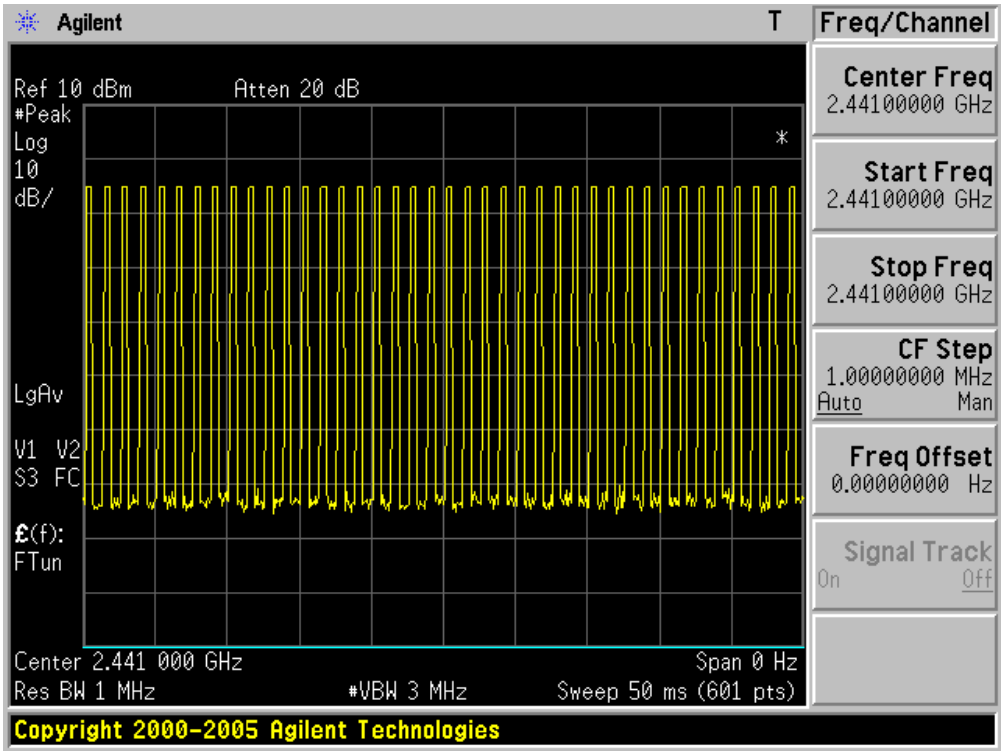
Packet	Time of Occupancy (ms)	Limit (ms)	Result
3DH1	122.656	< 400	Pass
3DH3	261.280	< 400	Pass
3DH5	298.168	< 400	Pass

Test Time Period: 0.4*79=31.6sec,

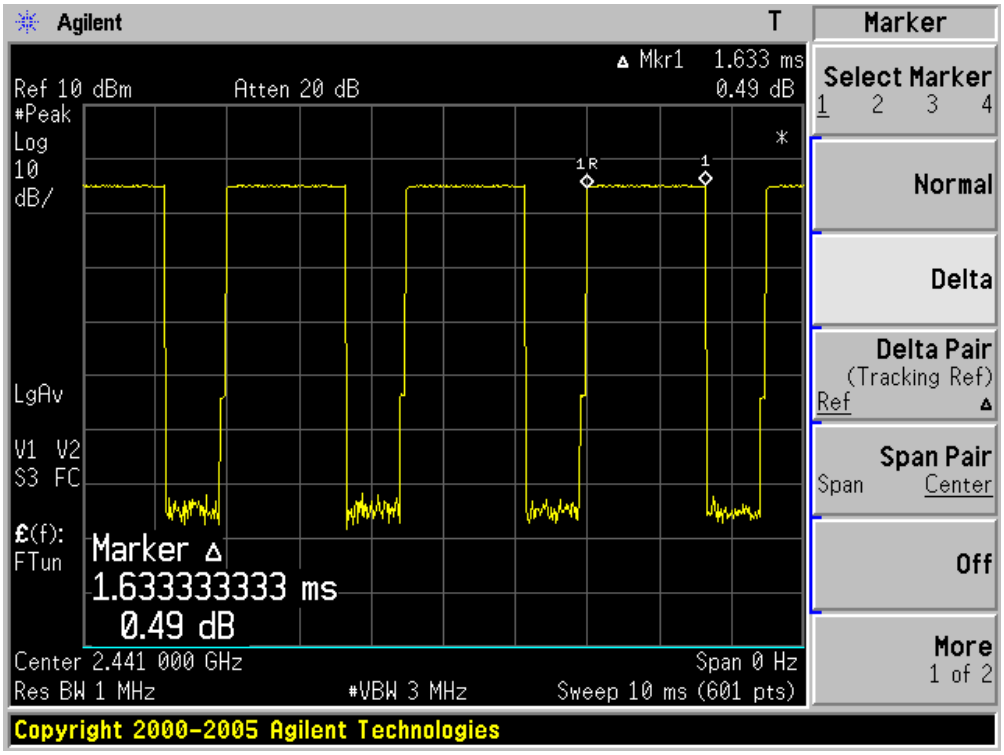
- 3DH1, Hopping Times Within 1sec: 40/50msec=800 hops/sec.
  The Maximum Occupancy Time Within 31.6sec: (383.3 μs*800)/79*31.6= 122.656msec
- 3DH3, Hopping Times Within 1sec: 20/50msec=400 hops/sec.
  The Maximum Occupancy Time Within 31.6sec: (1633 μs*400)/79*31.6= 261.280msec
- 3DH5, Hopping Times Within 1sec: 13/50msec=260 hops/sec.
  The Maximum Occupancy Time Within 31.6sec: (2867 μs*260)/79*31.6= 298.168msec

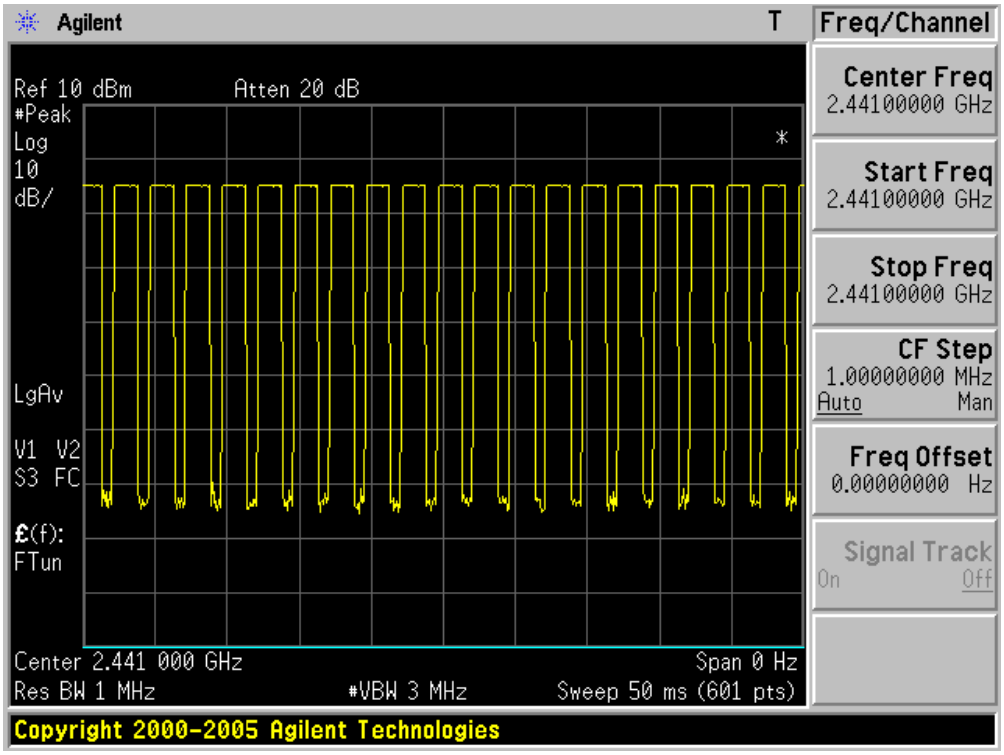
3DH1


Agilent
T
Marker
Mkr1 383.3 µs
0.64 dB
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Marker Δ
383.3333333 µs
0.64 dB
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 10 ms (601 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies

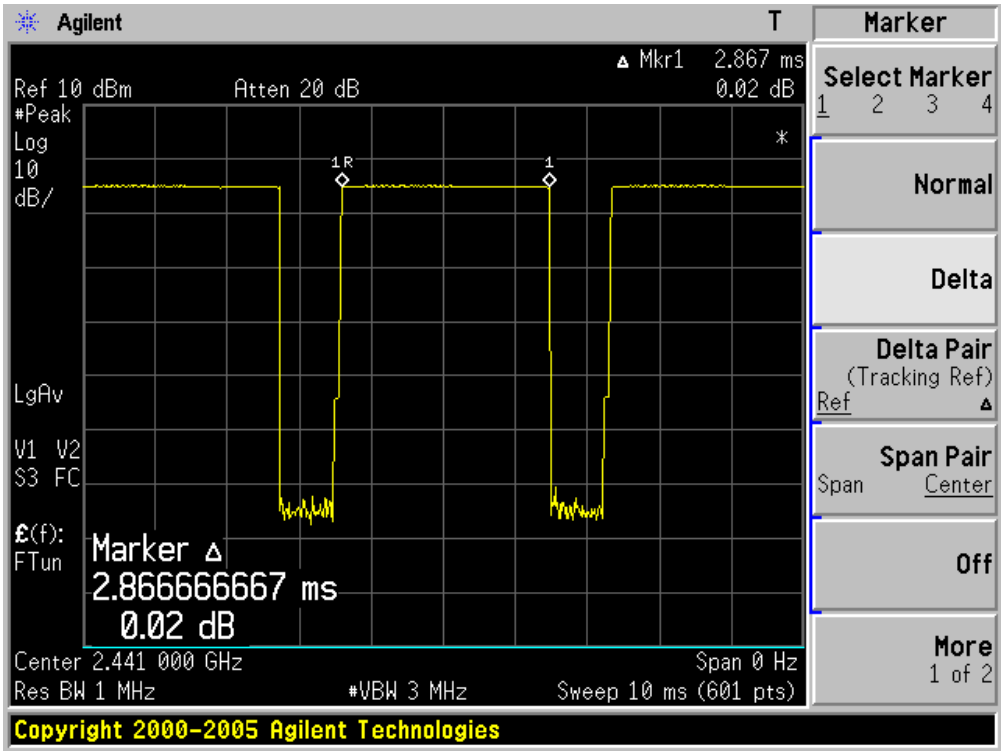

Agilent
T
Freq/Channel
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 50 ms (601 pts)
Center Freq
2.44100000 GHz
Start Freq
2.44100000 GHz
Stop Freq
2.44100000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2005 Agilent Technologies

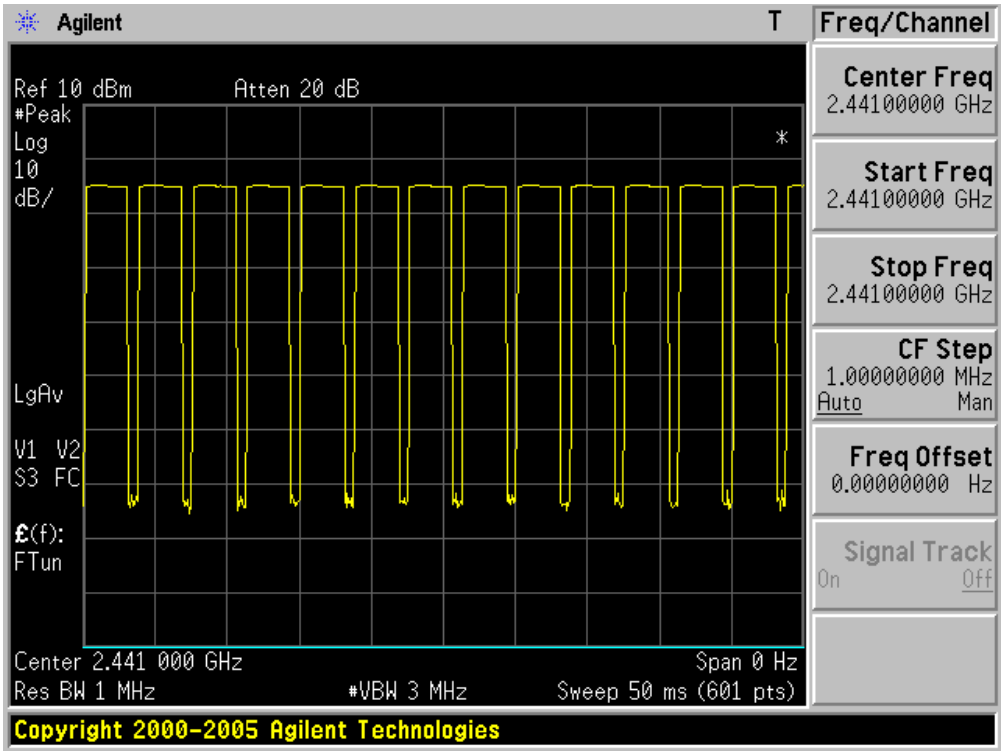
3DH3


Agilent
T
Marker
Mkr1 1.633 ms
0.49 dB
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Marker Δ
1.633333333 ms
0.49 dB
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 10 ms (601 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
T
Freq/Channel
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 50 ms (601 pts)
Center Freq
2.44100000 GHz
Start Freq
2.44100000 GHz
Stop Freq
2.44100000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2005 Agilent Technologies

3DH5


Agilent
T
Marker
Mkr1 2.867 ms
0.02 dB
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Marker Δ
2.866666667 ms
0.02 dB
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 10 ms (601 pts)
Select Marker
1 2 3 4
Normal
Delta
Delta Pair
(Tracking Ref)
Ref
Span Pair
Span Center
Off
More
1 of 2
Copyright 2000-2005 Agilent Technologies


Agilent
T
Freq/Channel
Ref 10 dBm
Atten 20 dB
#Peak
Log
10
dB/
LgAv
V1 V2
S3 FC
£(f):
FTun
Center 2.441 000 GHz
Res BW 1 MHz
#VBW 3 MHz
Span 0 Hz
Sweep 50 ms (601 pts)
Center Freq
2.44100000 GHz
Start Freq
2.44100000 GHz
Stop Freq
2.44100000 GHz
CF Step
1.00000000 MHz
Auto Man
Freq Offset
0.00000000 Hz
Signal Track
On Off
Copyright 2000-2005 Agilent Technologies

9. Peak Output Power

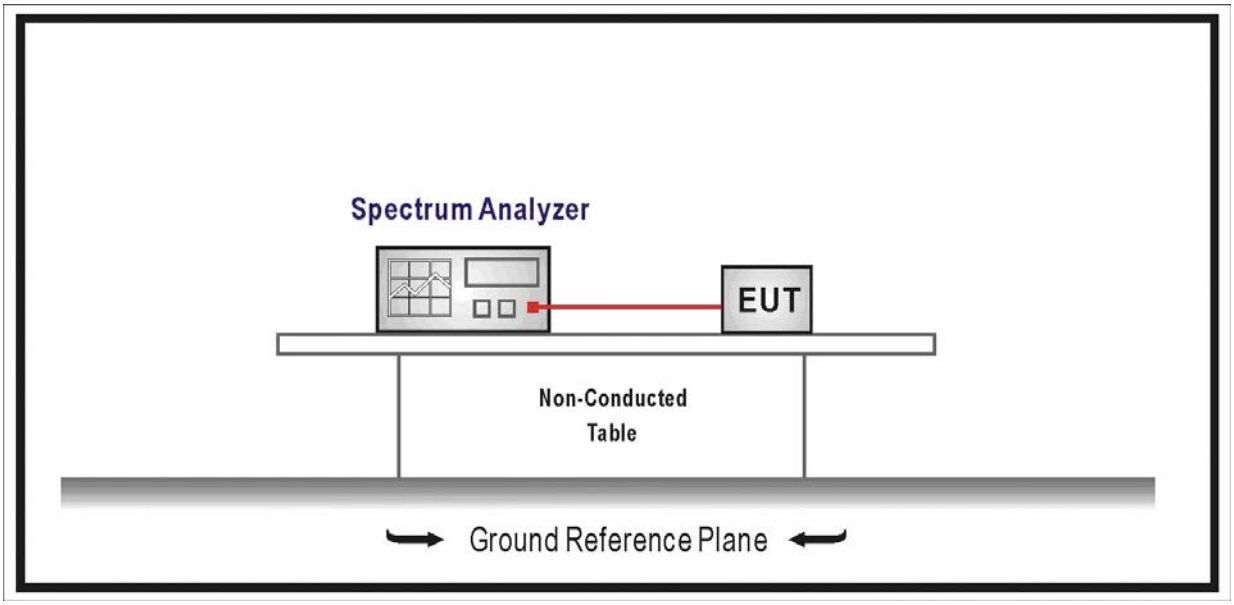
9.1. Test Equipment

Peak Output Power / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

9.2. Test Setup



9.3. Limit

- For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.
- 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, but at least 25 hopping channels.

Note: the conducted output power limit specified above is based on the use the antennas with directional gains that do not exceed 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values above, as appropriate, by the amount in dB that the directional gain of antenna exceeds 6 dBi.

9.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
Use the following spectrum analyzer settings:
Span = approximately 5 times the 20dB bandwidth, centered on a hopping channel
RBW ＞ the 20 dB bandwidth of the emission being measured.
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Allow the trace to stabilize. Use the marker-to-peak function to set the marker to the peak of the emission. The indicated level is the peak output power (don't forget added the external attenuation and cable loss).

9.5. Uncertainty

The measurement uncertainty is defined as ± 1.0 dB

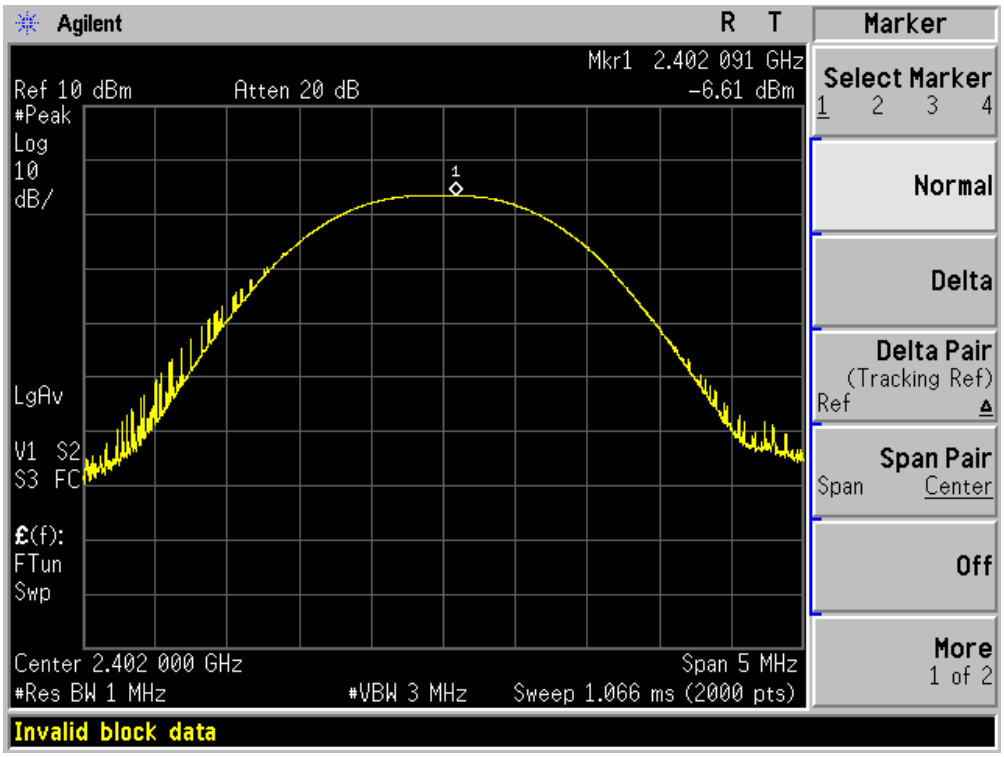
9.6. Test Result

Product	:	Notebook P.C.
Test Item	:	Peak Output Power
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by Bluetooth (DH5)

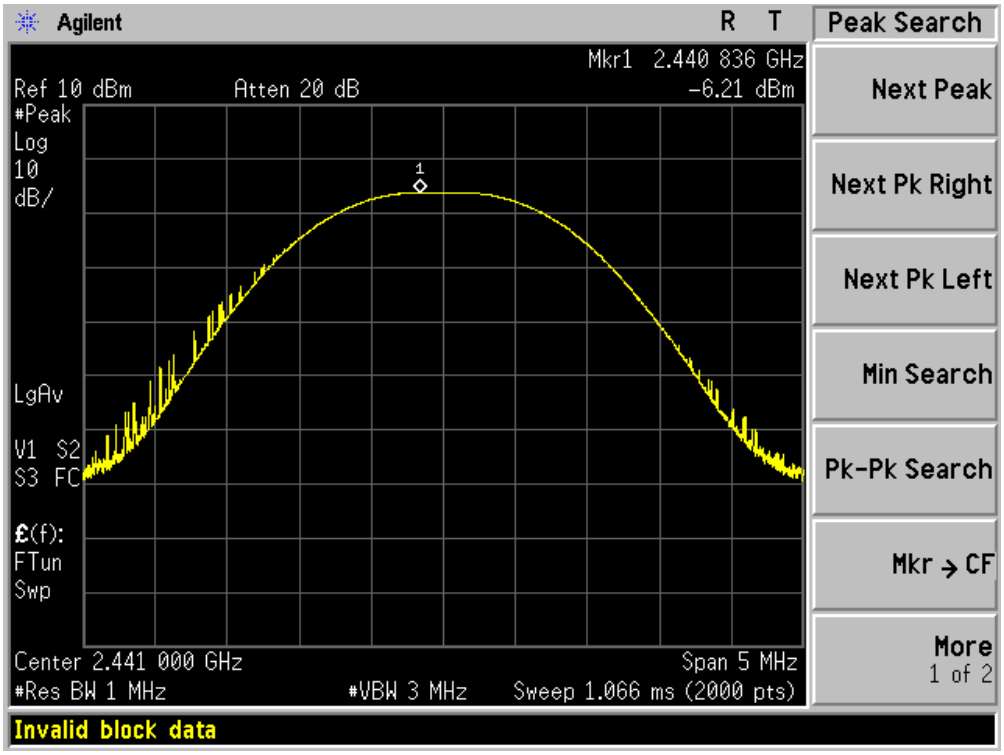
Channel No.	Frequency (MHz)	Measurement Level (dBm)	External Attenuation (dBm)	Peak Output Power (dBm)	Limit (dBm)	Result
00	2402	-6.61	0.32	-6.29	30	Pass
39	2441	-6.21	0.35	-5.86	30	Pass
78	2480	-5.92	0.40	-5.52	30	Pass

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

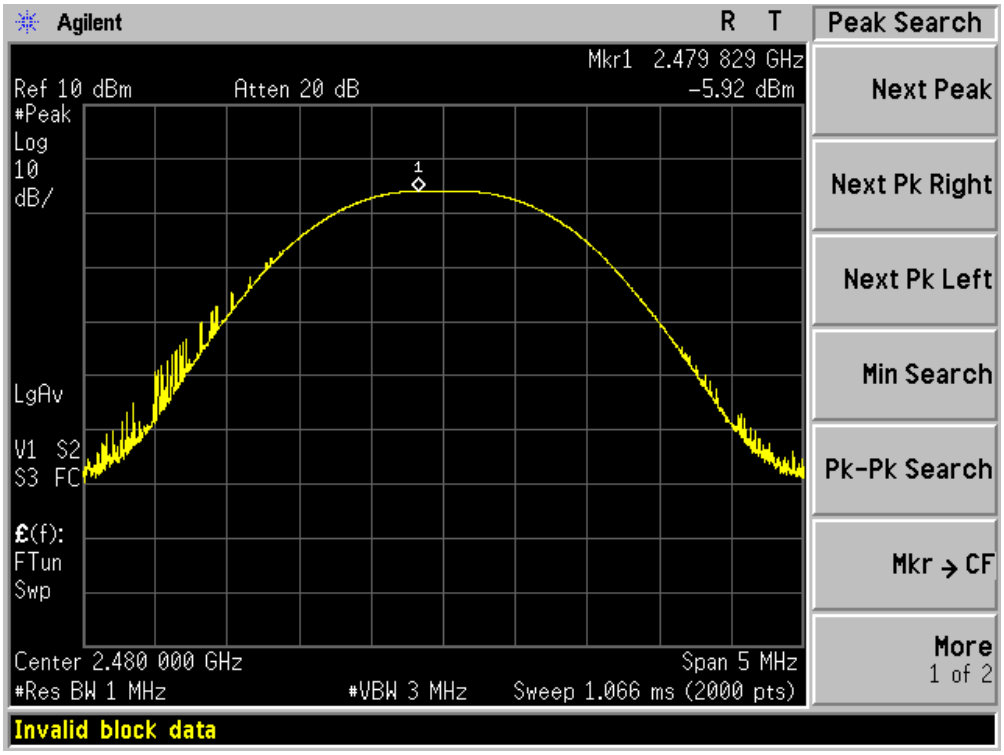
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)

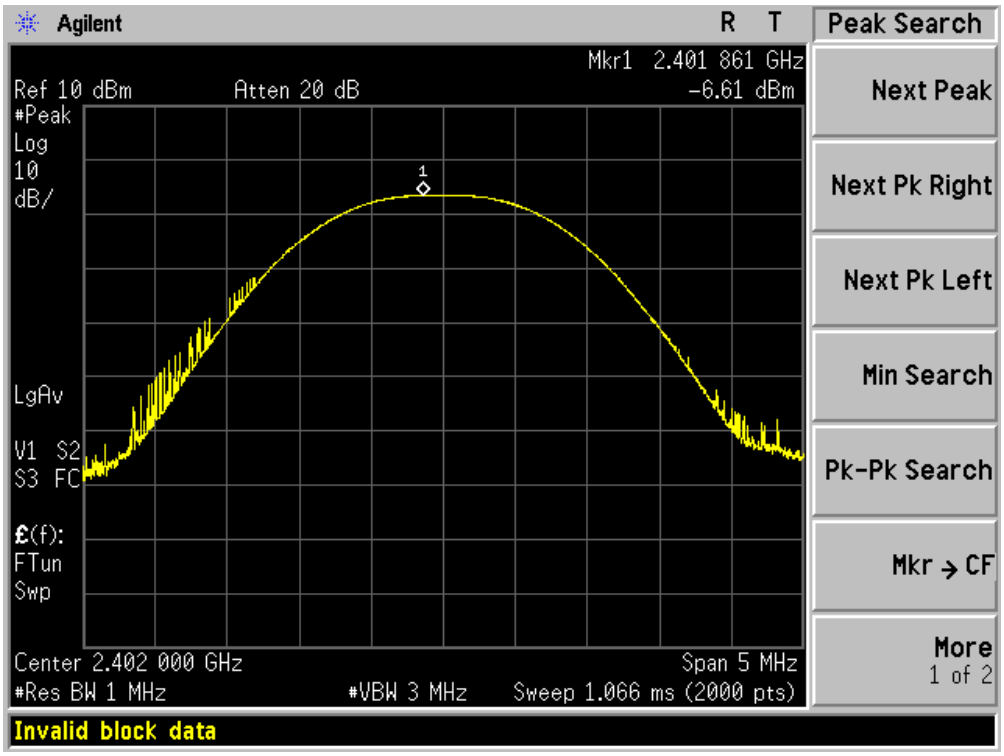


Product	:	Notebook P.C.
Test Item	:	Peak Output Power
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by Bluetooth (3DH5)

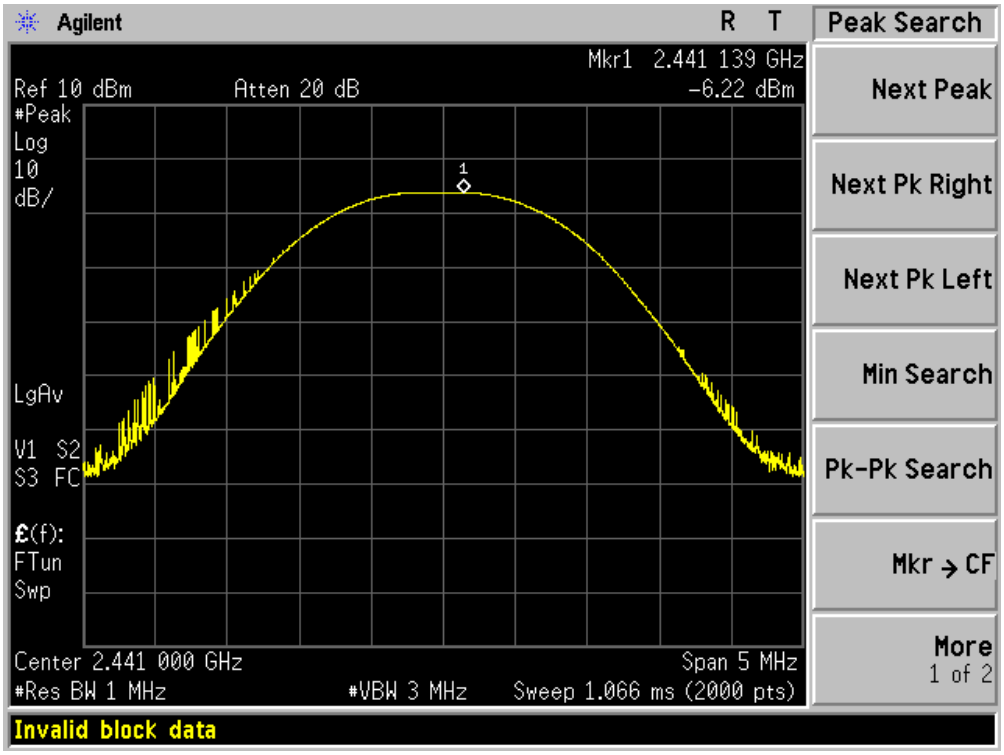
Channel No.	Frequency (MHz)	Measurement Level (dBm)	External Attenuation (dBm)	Peak Output Power (dBm)	Limit (dBm)	Result
00	2402	-6.61	0.32	-6.29	30	Pass
39	2441	-6.22	0.35	-5.87	30	Pass
78	2480	-5.95	0.40	-5.55	30	Pass

Note: The antenna gain of transmitter is less than 6 dBi and other than fixed, point-to-point operation, therefore the limit is 30 dBm.

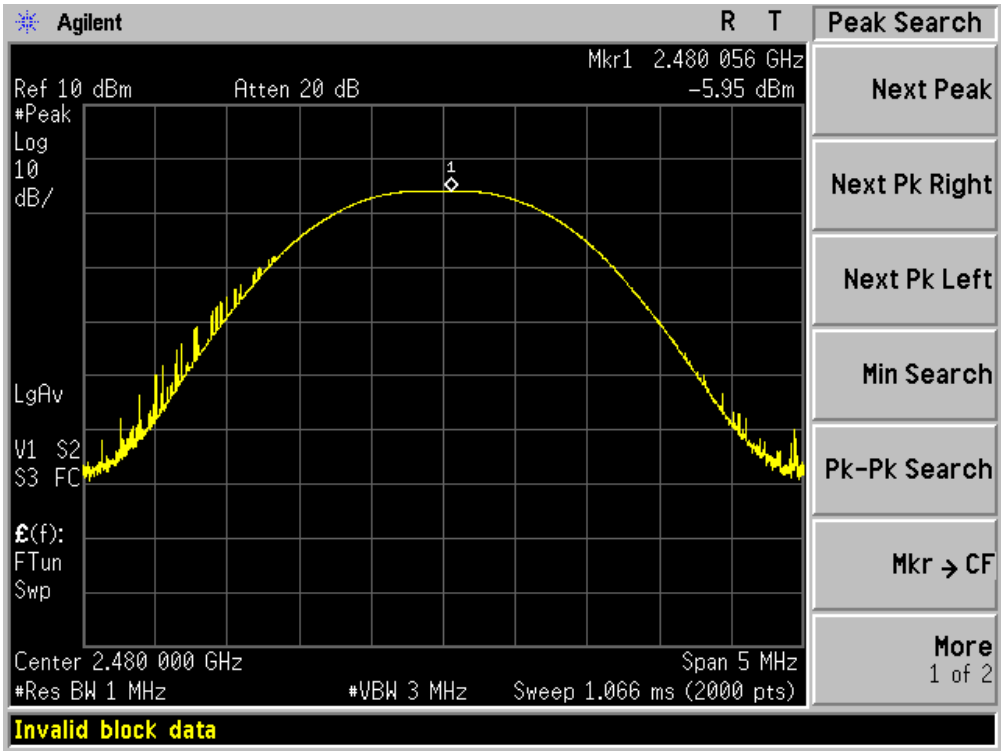
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



10. Band-edge Compliance of RF Conducted Emissions

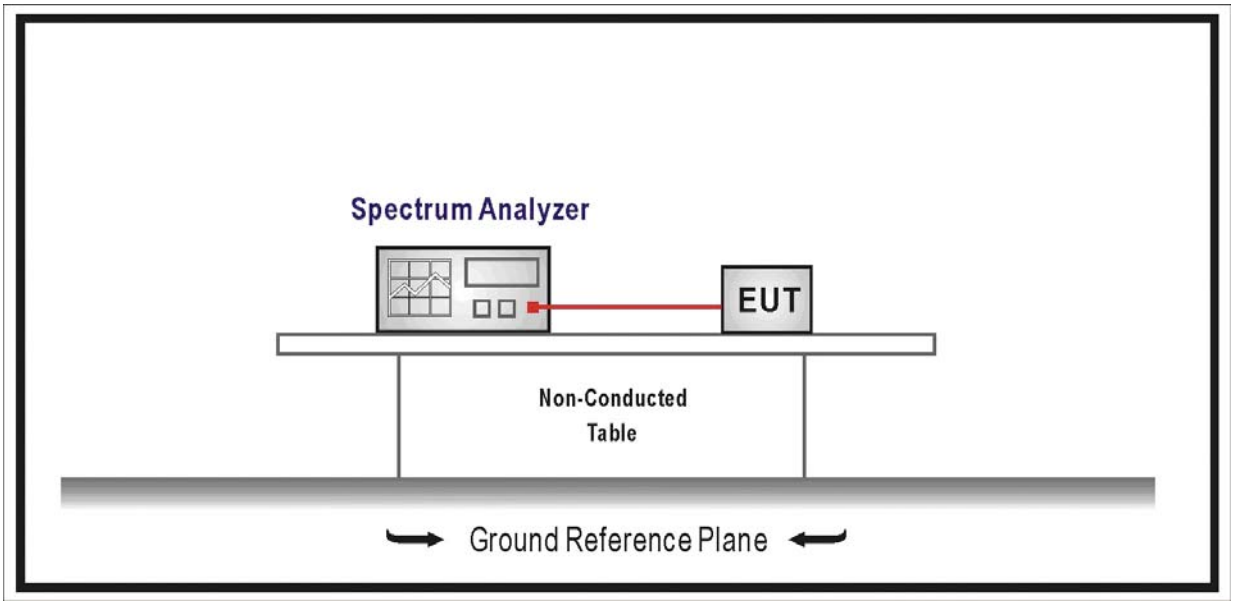
10.1. Test Equipment

Band-edge Compliance of RF Conducted Emissions / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

10.2. Test Setup



10.3. Limit

- Intentional radiators operating under the alternative provisions to the general emission limits as contained in 15.217 through 15.257 and in Subpart E of FCC part 15, must be designed to ensure that 20 dB bandwidth of the emission, or whatever bandwidth may otherwise be specified in the specific rule section under which the equipment operates, is contained within the frequency band designated in the rule section under which the equipment is operated.
- In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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 either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) of FCC part 15 is not required.

10.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation.
RBW ≧ 1% of the span
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Allow the trace to stabilize. Set the marker on the emission at the bandedge, or on the highest modulation prouduct outside of the band, if this level is greater than that at the bandedge.
Enable the marker-delta function, then use the marker-to-peak function to move the marker to the peak of the in-band emission. The marker-delta value now displayed must comply with the limit specified in this Section.
Now, using the same instrument settings, enable the hopping function of the EUT. Allow the trace to stabilize. Follow the same procedure listed above to determine if any spurious emissions caused by the hopping function also comply with the specified limit.

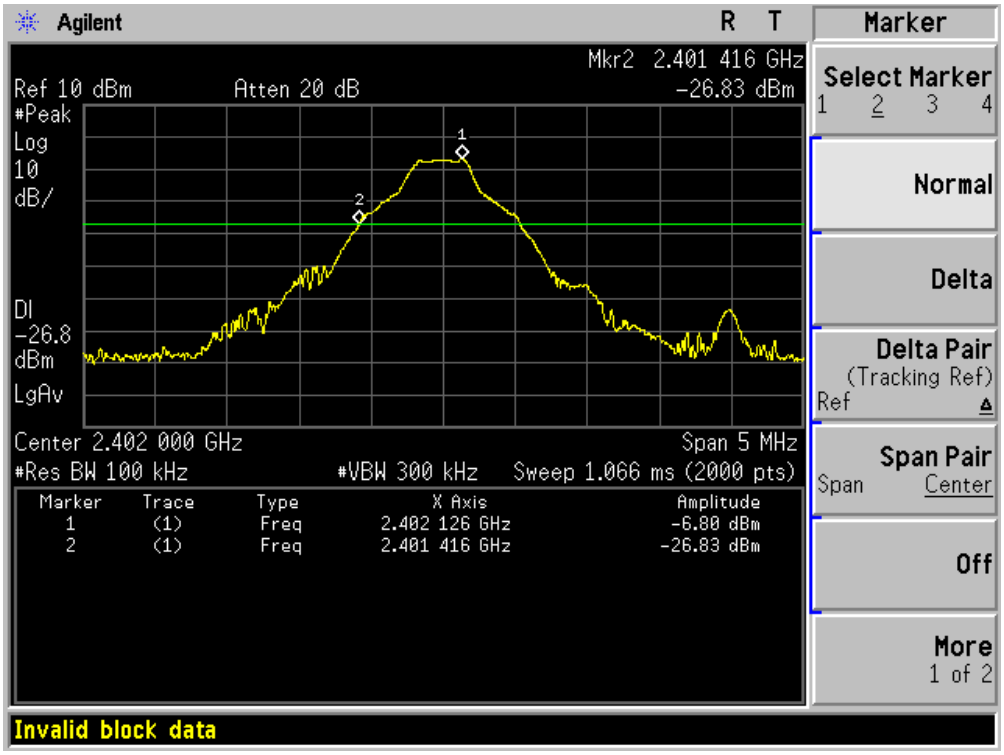
10.5. Uncertainty

The measurement uncertainty is defined as ± 1.0 dB

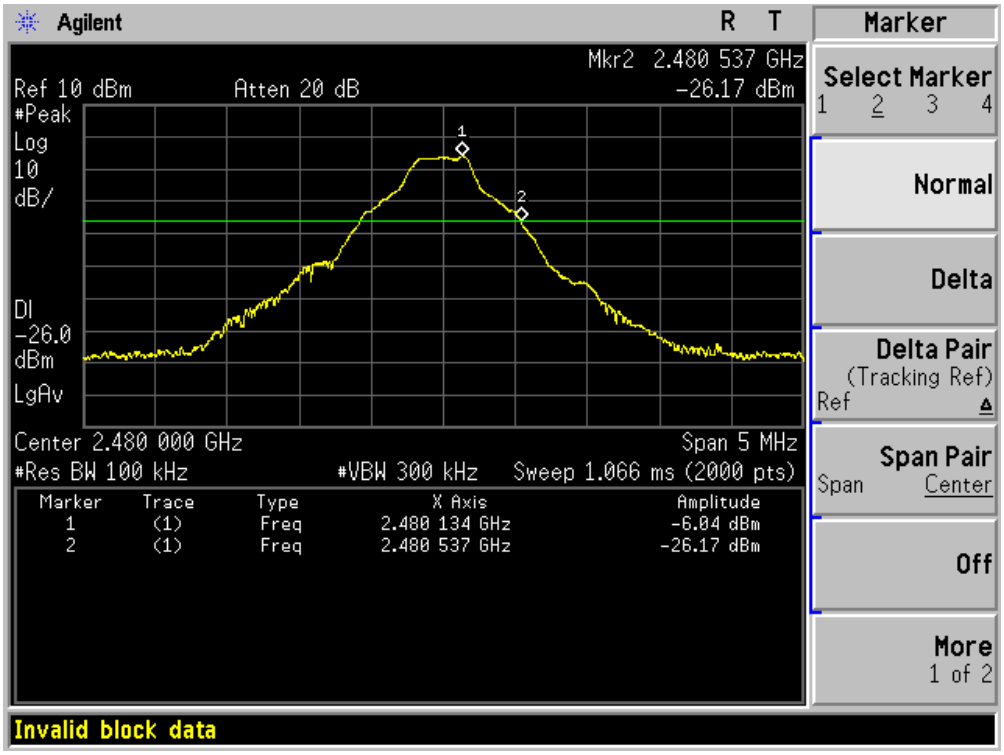
10.6. Test Result

Product	:	Notebook P.C.
Test Item	:	Band-edge Compliance of RF Conducted Emissions
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by Bluetooth (DH5)

Channel 00 (2402MHz)

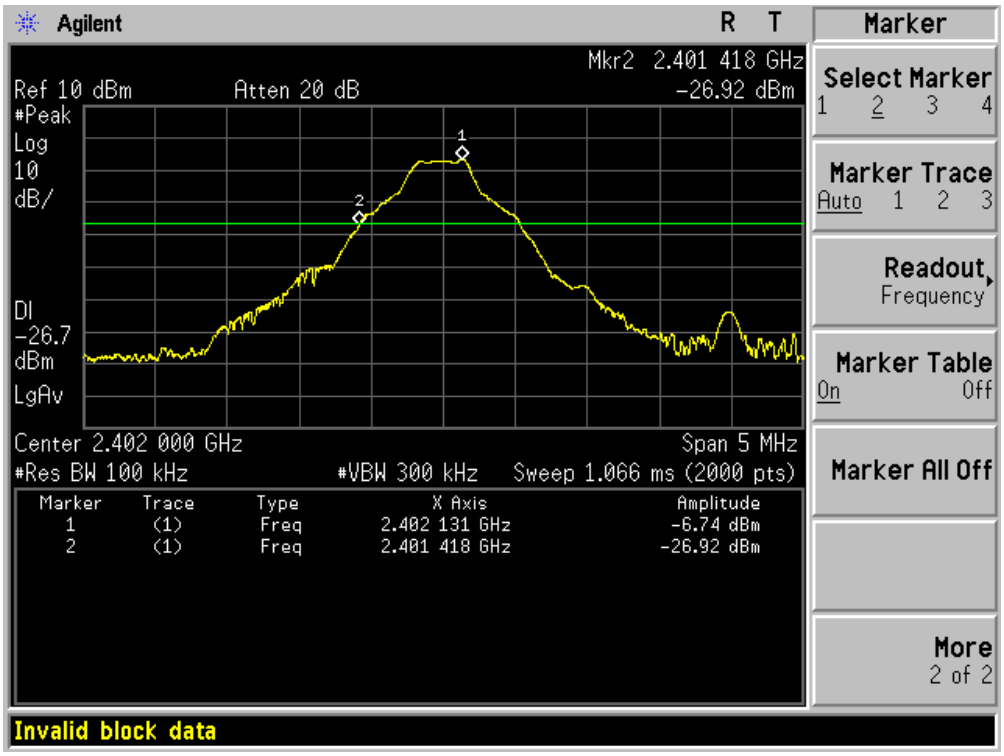


Channel 78 (2480MHz)

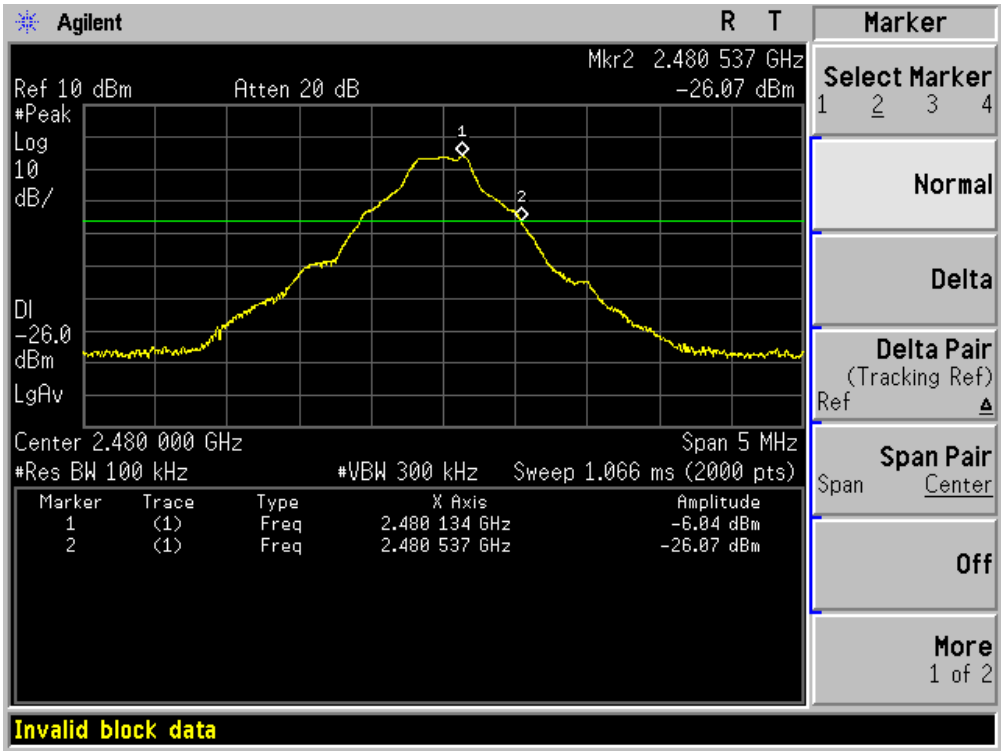


Product	:	Notebook P.C.
Test Item	:	Band-edge Compliance of RF Conducted Emissions
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by Bluetooth (3DH5)

Channel 00 (2402MHz)



Channel 78 (2480MHz)



11. Spurious RF Conducted Emissions

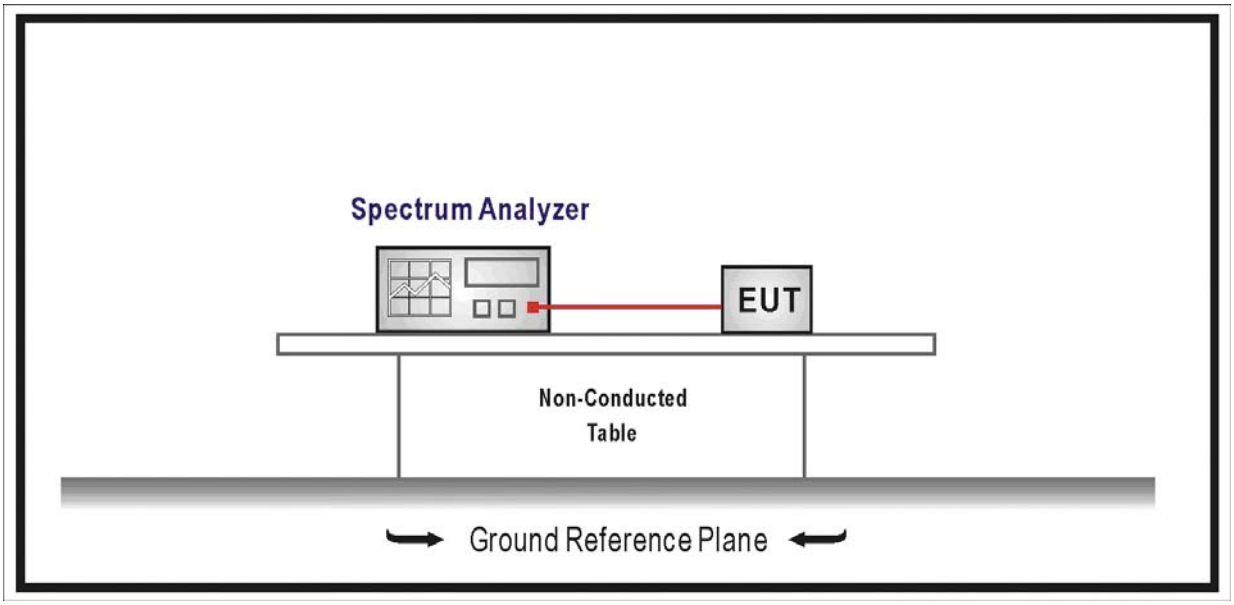
11.1. Test Equipment

Spurious RF Conducted Emissions / AC-4

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4446A	MY45300103	2008/06/11
Coaxial Cable	Huber+Suhner	AC4-RF	09	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH007	2008/03/09

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

11.2. Test Setup



11.3. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated 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 either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, the attenuation required under this

paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) of FCC part 15 is not required.

11.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
Use the following spectrum analyzer settings:
Span = wide enough to capture the peak level of the in-band emission and all spurious emissions (e.g., harmonics) from the lowest frequency generated in the EUT up through the 10^{th} harmonic. Typically, several plots are required to cover this entire span.
RBW = 100 kHz
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Allow the trace to stabilize. Set the marker on the peak of any spurious emission recorded. The level displayed must comply with the limit specified in this section.

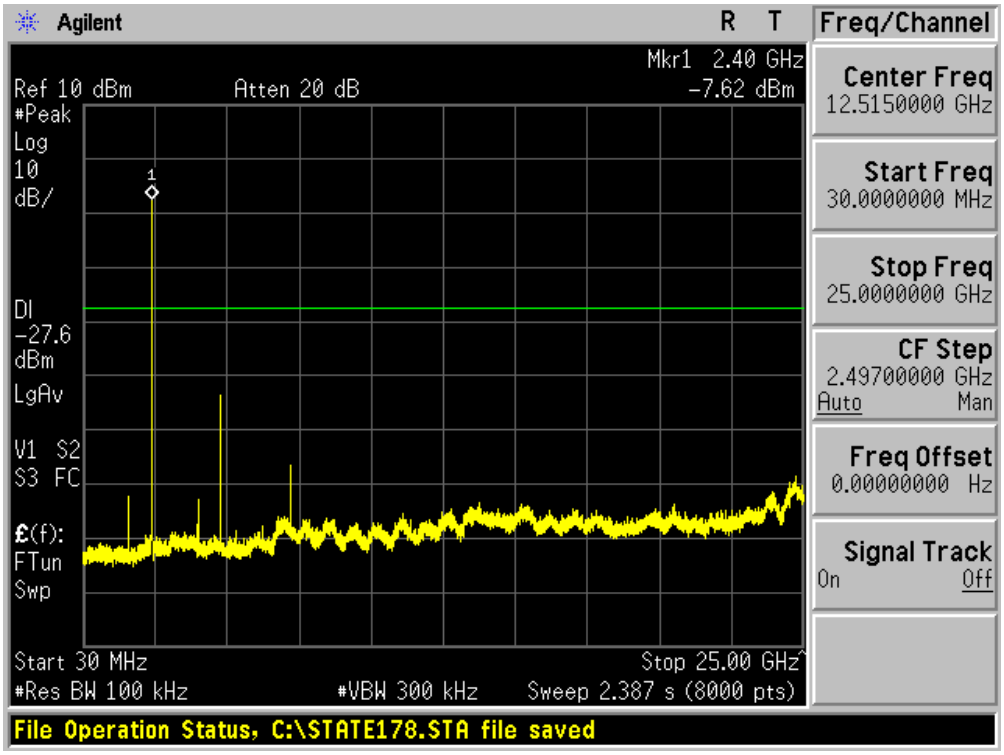
11.5. Uncertainty

The measurement uncertainty is defined as ± 1.0 dB

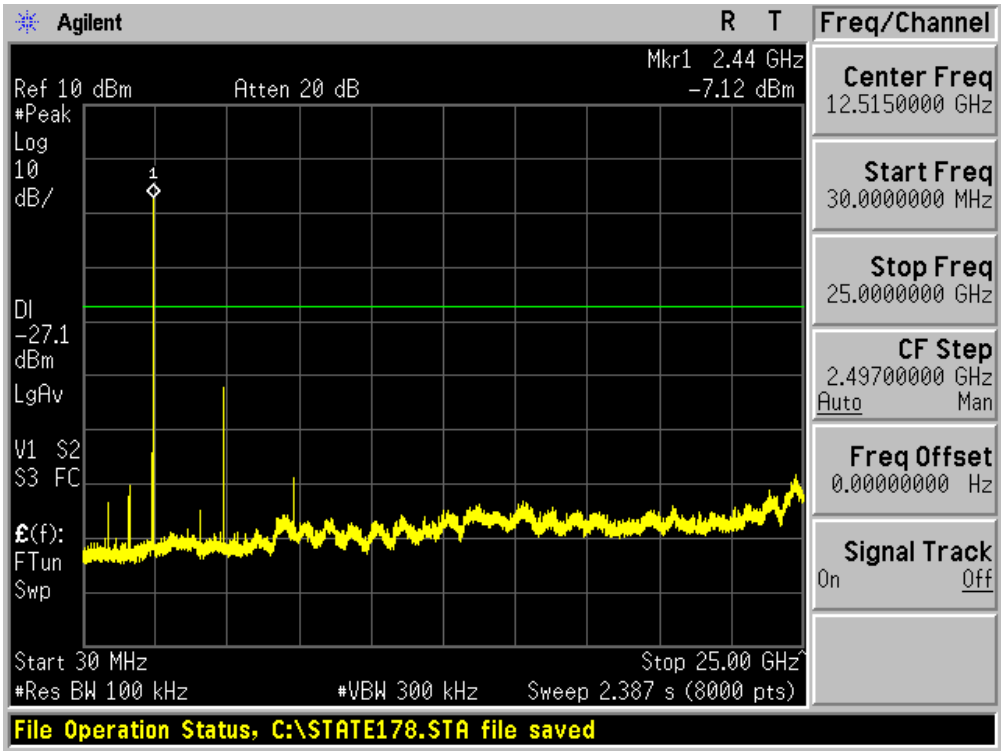
11.6. Test Result

Product	:	Notebook P.C.
Test Item	:	Spurious RF Conducted Emissions
Test Site	:	AC-4
Test Mode	:	Mode 1: Transmit by Bluetooth (DH5)

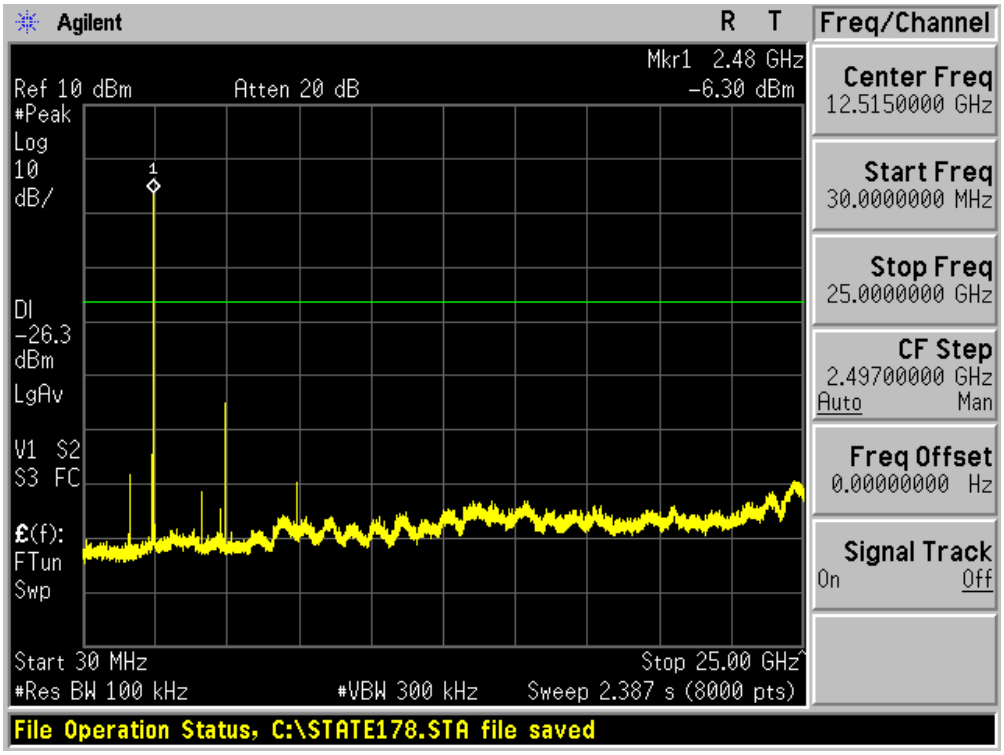
Channel 00 (2402MHz)



Channel 39 (2441MHz)

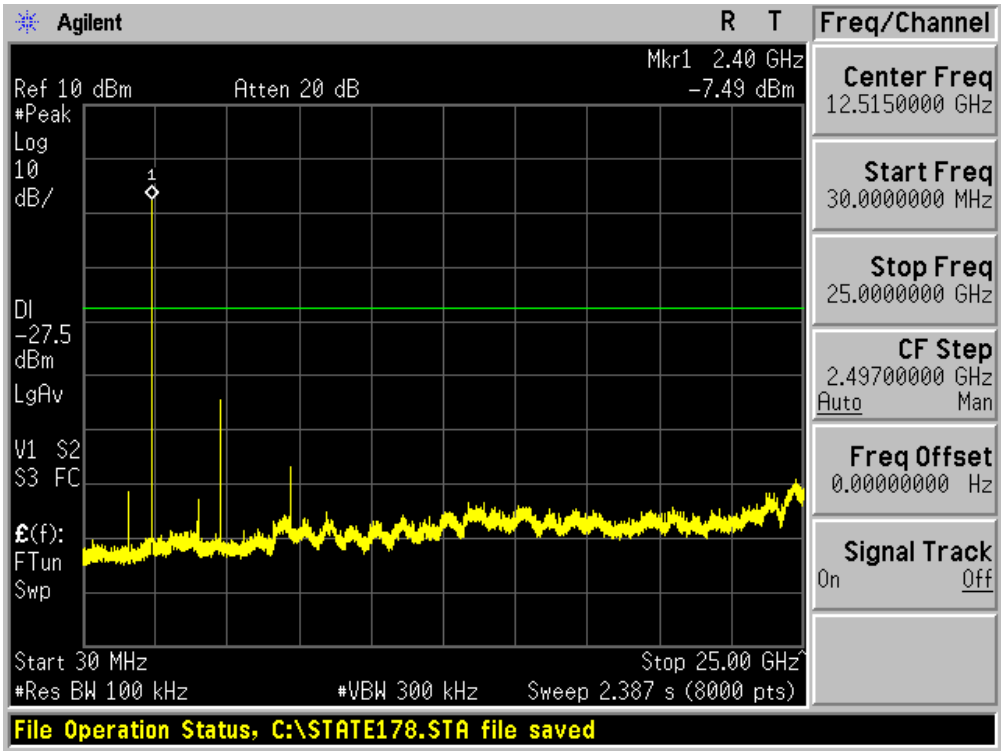


Channel 78 (2480MHz)

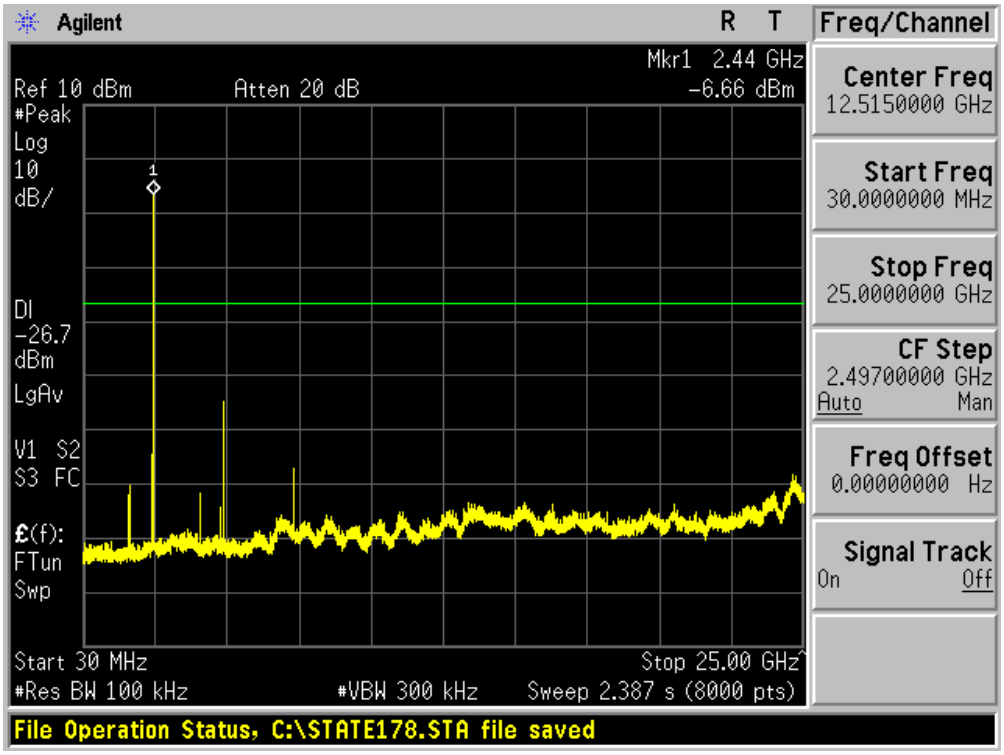


Product	:	Notebook P.C.
Test Item	:	Spurious RF Conducted Emissions
Test Site	:	AC-4
Test Mode	:	Mode 2: Transmit by Bluetooth (3DH5)

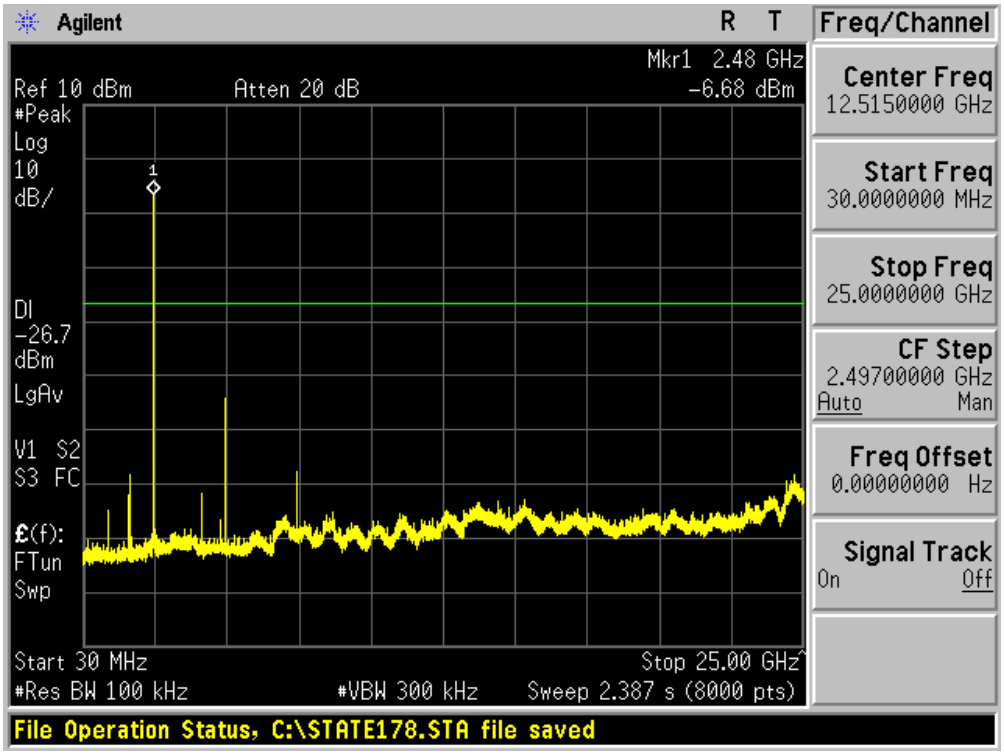
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



12. Radiated Emission Band Edge

12.1. Test Equipment

☒Radiated Emission Band Edge / AC-2

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2008/06/28
EMI Test Receiver	R&S	ESCI	100573	2008/05/10
Preamplifier	Quietek	AP-025C	QT-AP003	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112B	2932	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	04	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2008/03/31

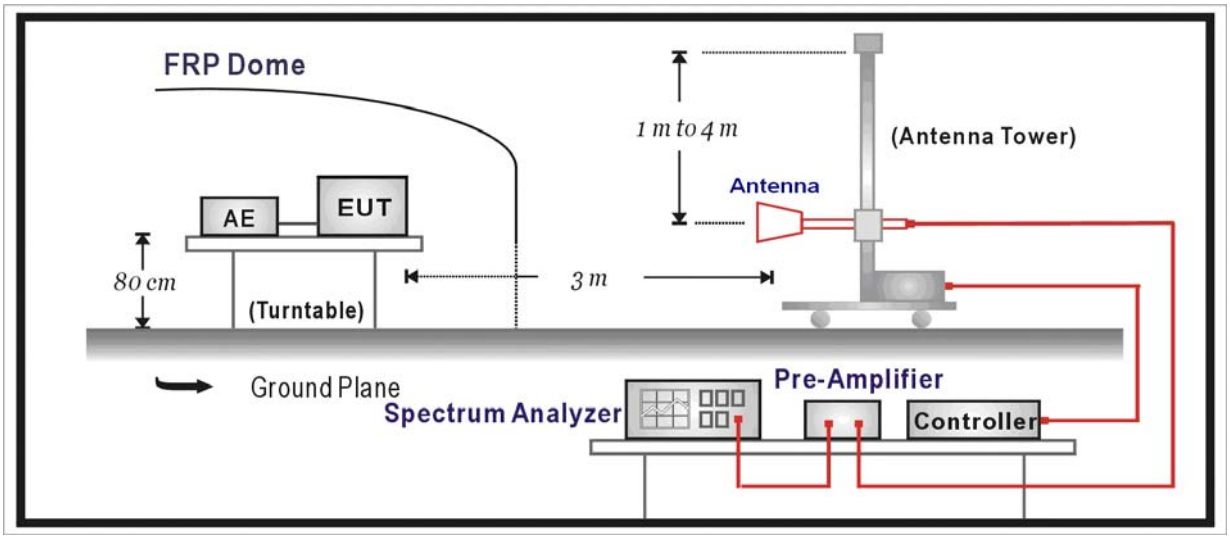
☐Radiated Emission Band Edge / AC-3

Instrument	Manufacturer	Type No.	Serial No.	Cal. Date
Spectrum Analyzer	Agilent	N9010A	MY48030494	2008/04/24
EMI Test Receiver	R&S	ESCI	100176	2007/11/15
Preamplifier	Quietek	AP-025C	QT-AP004	2007/11/25
Preamplifier	Quietek	AP-180C	CHM-0602012	2007/11/25
Bilog Type Antenna	Schaffner	CBL6112D	22254	2007/11/22
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/06/28
50ohm Coaxial Switch	Anritsu	MP59B	6200464463	2007/11/25
Coaxial Cable	Huber+Suhner	AC2-C	05	2007/11/25
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH003	2008/03/31

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

Note 2: The test instruments marked with “X” are used to measure the final test results.

12.2. Test Setup



12.3. Limit

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a) of FCC part 15, must also comply with the radiated emission limits specified in Section 15.209(a) of FCC part 15.

12.4. Test Procedure

According to FCC Public Notice DA 00-705, March 30, 2000.
This test is required for any spurious emission or modulation product that falls in a Restricted Band, as defined in Section 15.205 of FCC part 15. It must be performed with the highest gain of each type of antenna proposed for use with the EUT. Use the following spectrum analyzer settings:
Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≧ 1 GHz, 100 kHz for f < 1GHz
VBW ≧ RBW
Sweep = auto
Detector function = peak
Trace = max hold
Follow the guidelines in ANSI C63.4 with respect to maximizing the emission by rotating the EUT, measuring the emission while the EUT is situated in three orthogonal planes (if appropriate), adjusting the measurement antenna height and polarization, etc. A pre-amp and a high pass filter are required for this test, in order to provide the measuring system with sufficient sensitivity. Allow the trace to stabilize. The peak reading of the emission, after being

corrected by the antenna factor, cable loss, pre-amp gain, etc., is the peak field strength, which must comply with the limit specified in Section 15.35(b) of FCC part 15.

Now set the VBW to 10 Hz, while maintaining all of the other instrument settings. This peak level, once corrected, must comply with the limit specified in Section 15.209 of FCC Part 15. If the dwell time per channel of the hopping signal is less than 100 ms, then the reading obtained with the 10 Hz VBW may be further adjusted by a “duty cycle correction factor”, derived from 20log (dwell time/100 ms), in an effort to demonstrate compliance with the 15.209 limit of FCC part 15.

If the emission on which a radiated measurement must be made is located at the edge of the authorized band of operation, then the alternative “marker-delta” method may be employed.

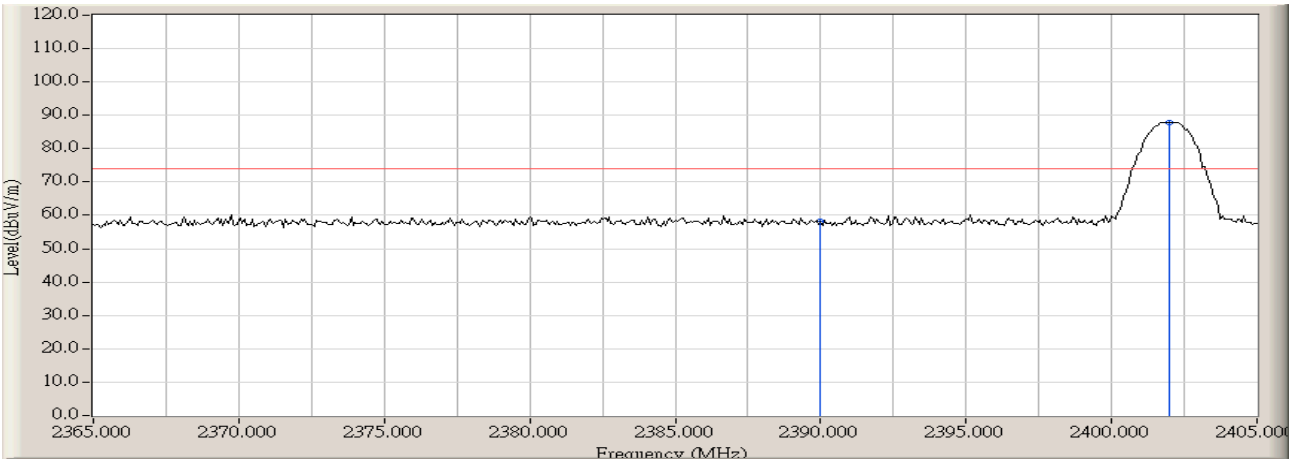
12.5. Uncertainty

The measurement uncertainty above 1G is defined as ± 3.9 dB

below 1G is defined as ± 3.8 dB

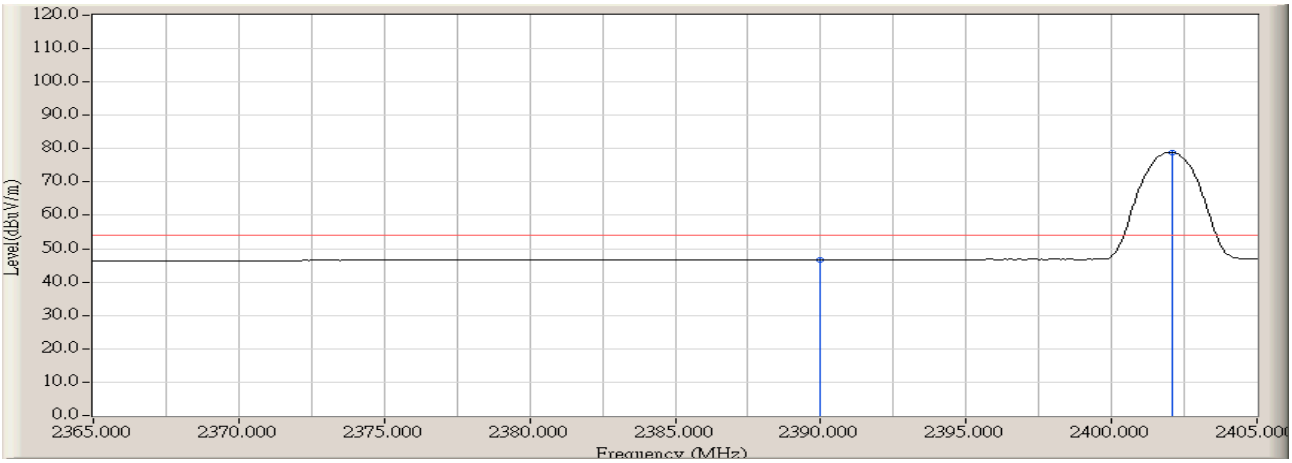
12.6. Test Result

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 13:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



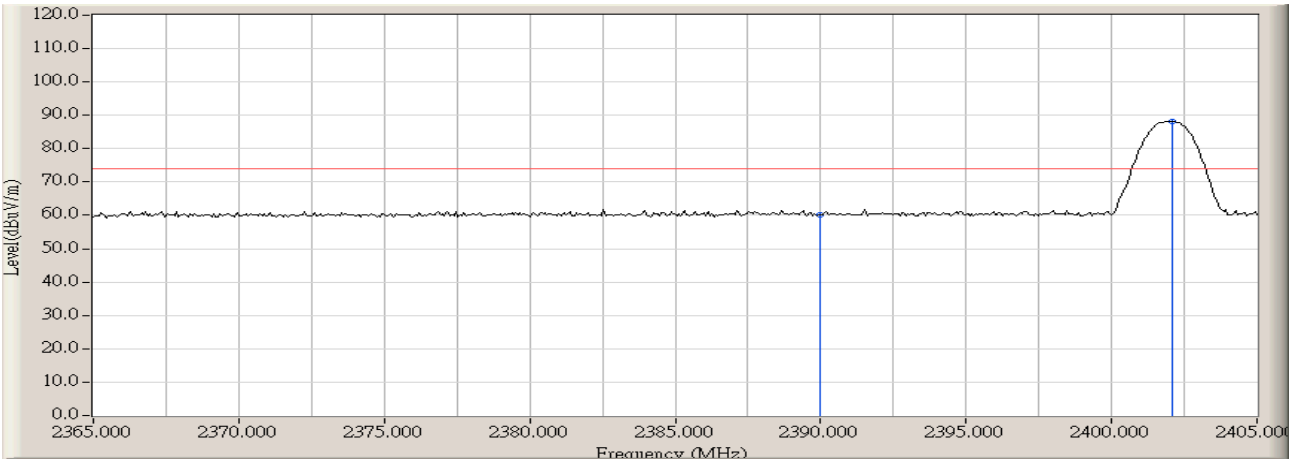
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	25.405	58.127	-15.843	73.970	PEAK
2	*	2402.000	32.724	55.207	87.932	N/A	N/A	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 13:54**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



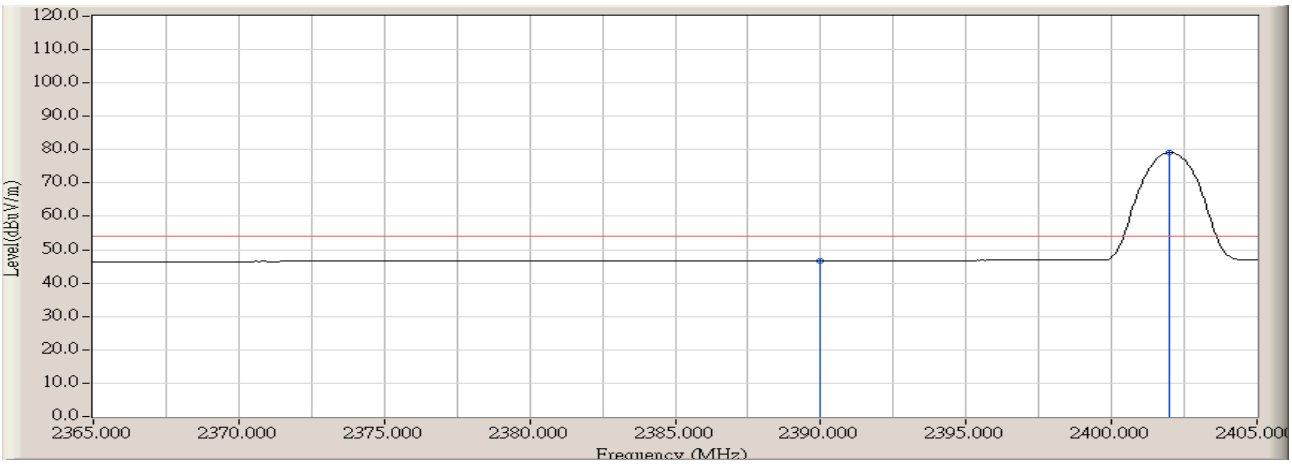
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	14.016	46.738	-7.232	53.970	AVERAGE
2	*	2402.067	32.724	46.248	78.973	N/A	N/A	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 13:59**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



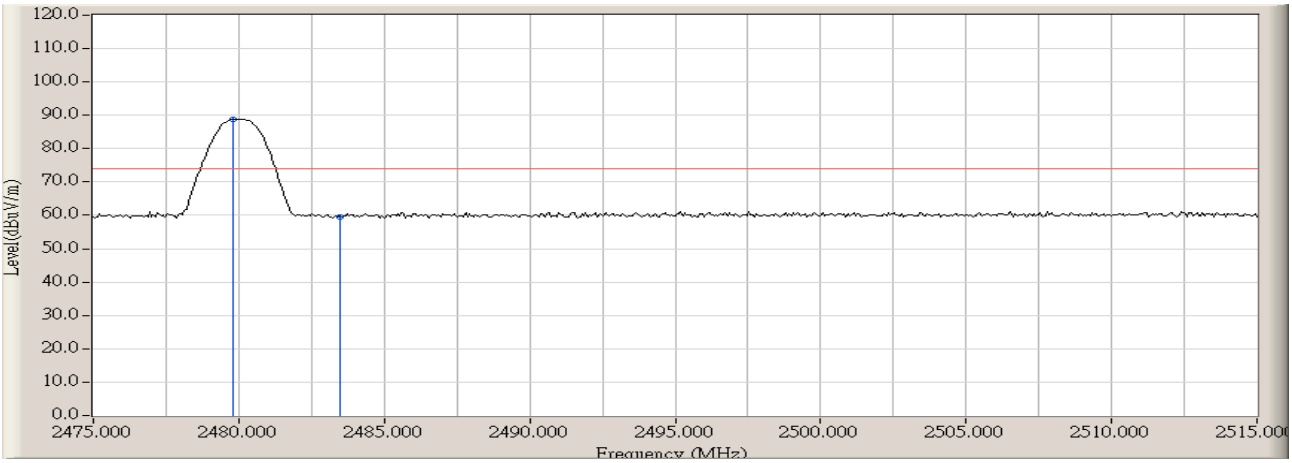
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	27.384	60.106	-13.864	73.970	PEAK
2	*	2402.067	32.724	55.355	88.080	N/A	N/A	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:00**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2402MHz**



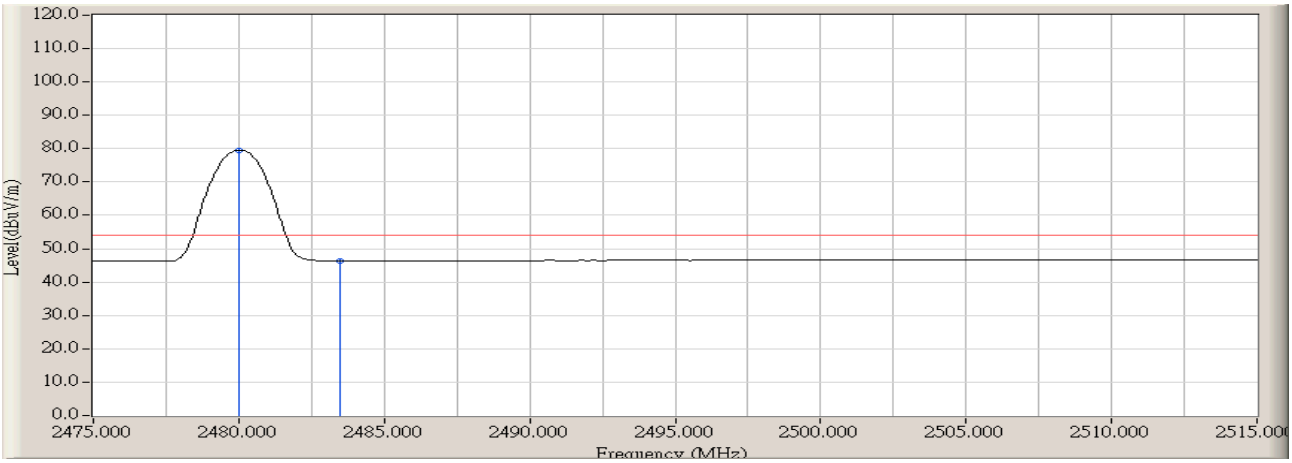
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	14.046	46.768	-7.202	53.970	AVERAGE
2	*	2402.000	32.724	46.351	79.076	N/A	N/A	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:05**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



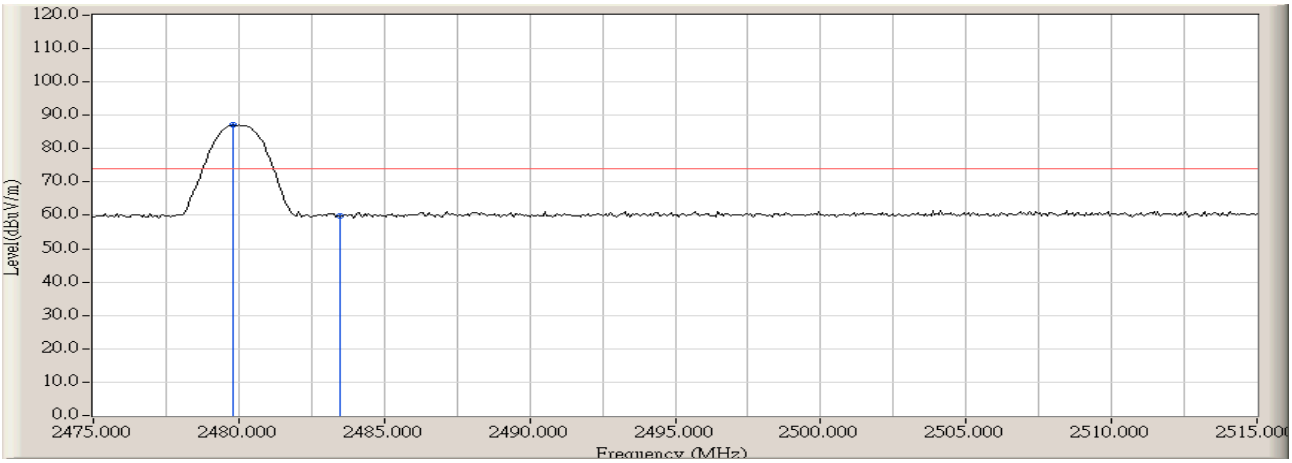
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.800	32.790	56.060	88.850	N/A	N/A	PEAK
2		2483.500	32.787	26.855	59.642	-14.328	73.970	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:05**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



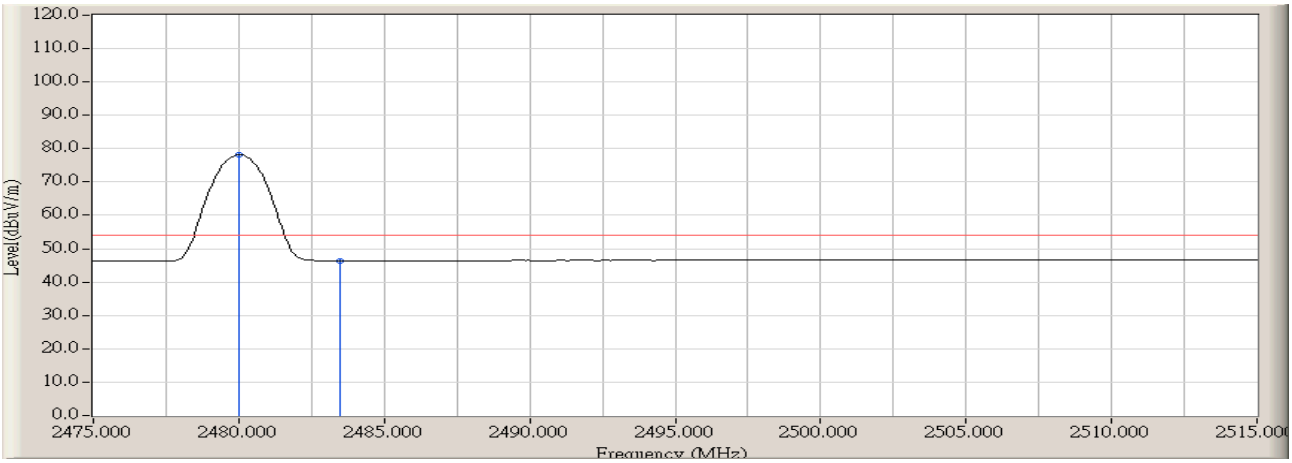
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.000	32.789	46.776	79.565	N/A	N/A	AVERAGE
2		2483.500	32.787	13.624	46.411	-7.559	53.970	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:10**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



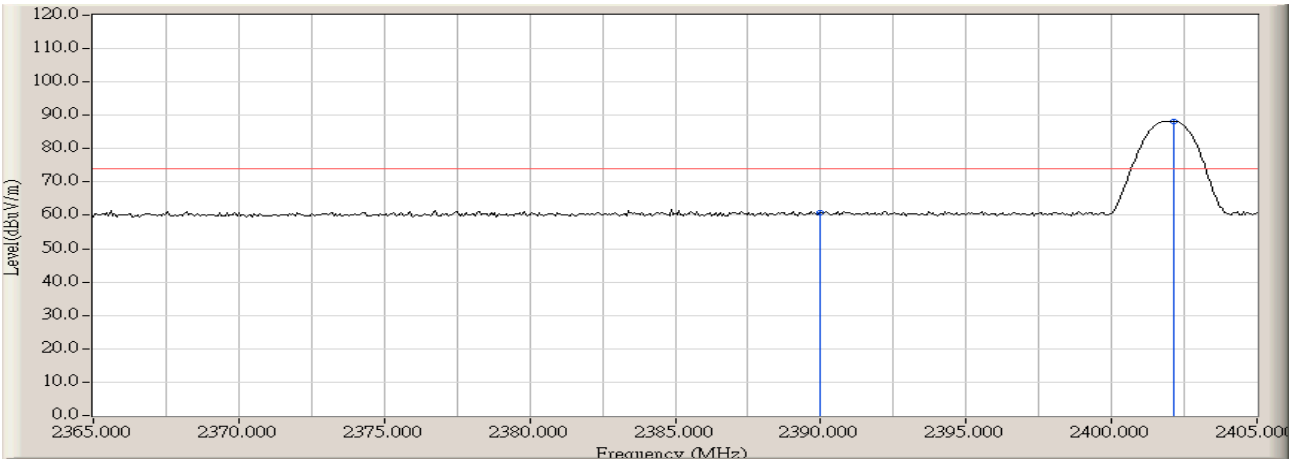
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.800	32.790	54.305	87.095	N/A	N/A	PEAK
2		2483.500	32.787	26.927	59.714	-14.256	73.970	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:11**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by Bluetooth (DH5) at channel 2480MHz**



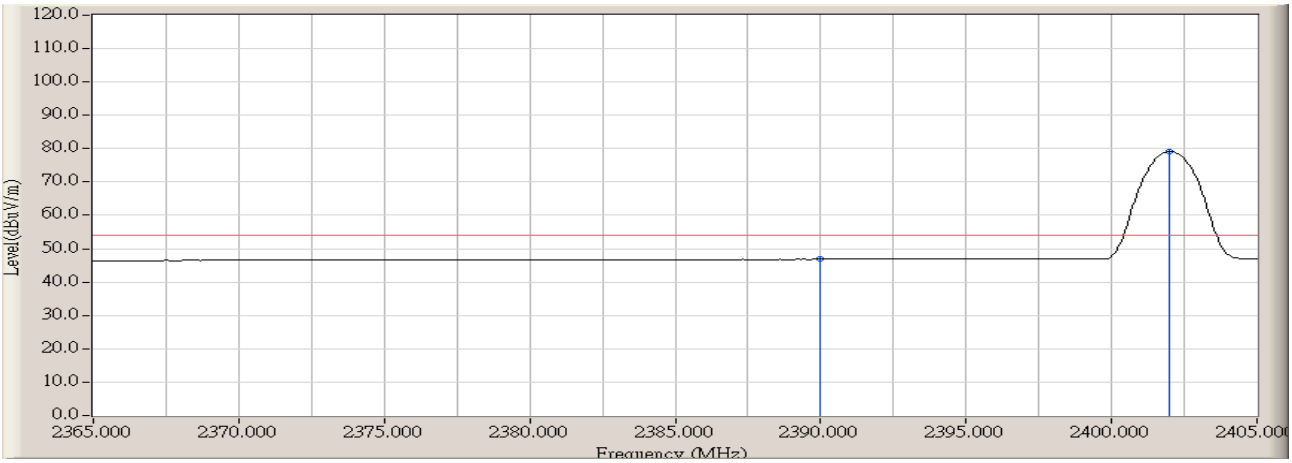
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.000	32.789	45.315	78.104	N/A	N/A	AVERAGE
2		2483.500	32.787	13.641	46.428	-7.542	53.970	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:17**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



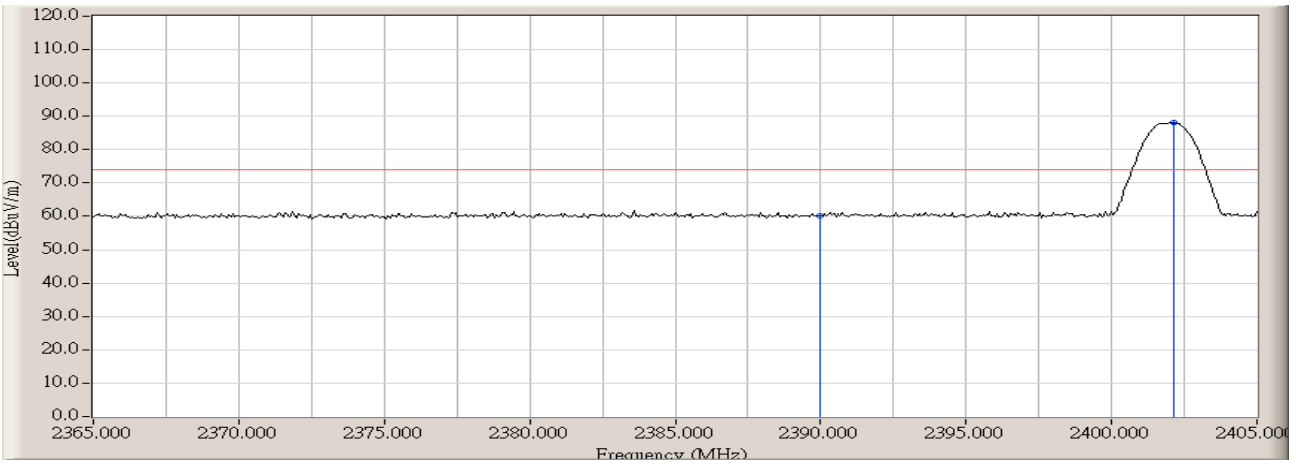
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	28.055	60.777	-13.193	73.970	PEAK
2	*	2402.133	32.725	55.477	88.202	N/A	N/A	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:18**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



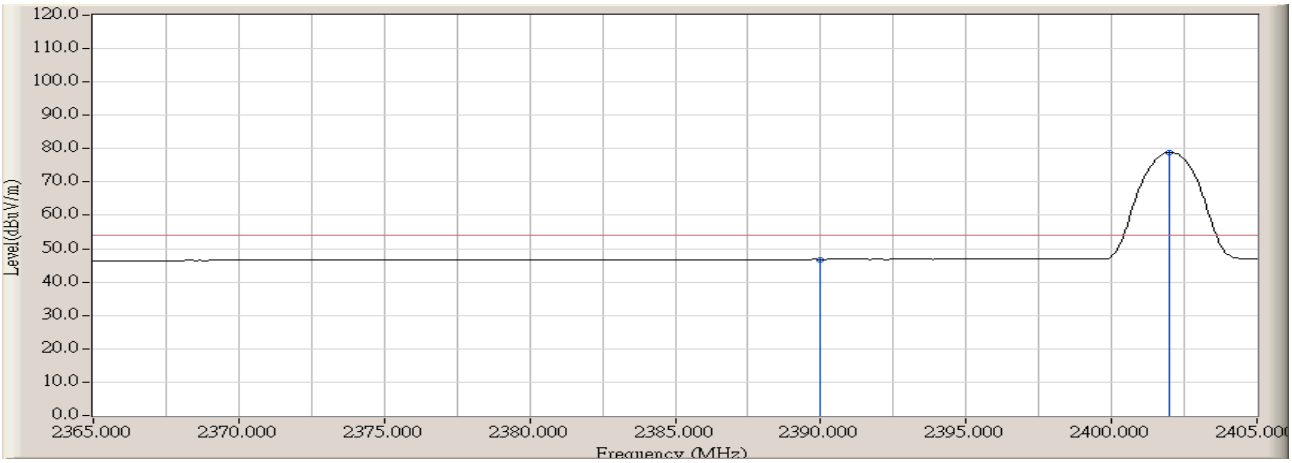
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	14.115	46.837	-7.133	53.970	AVERAGE
2	*	2402.000	32.724	46.380	79.105	N/A	N/A	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:21**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



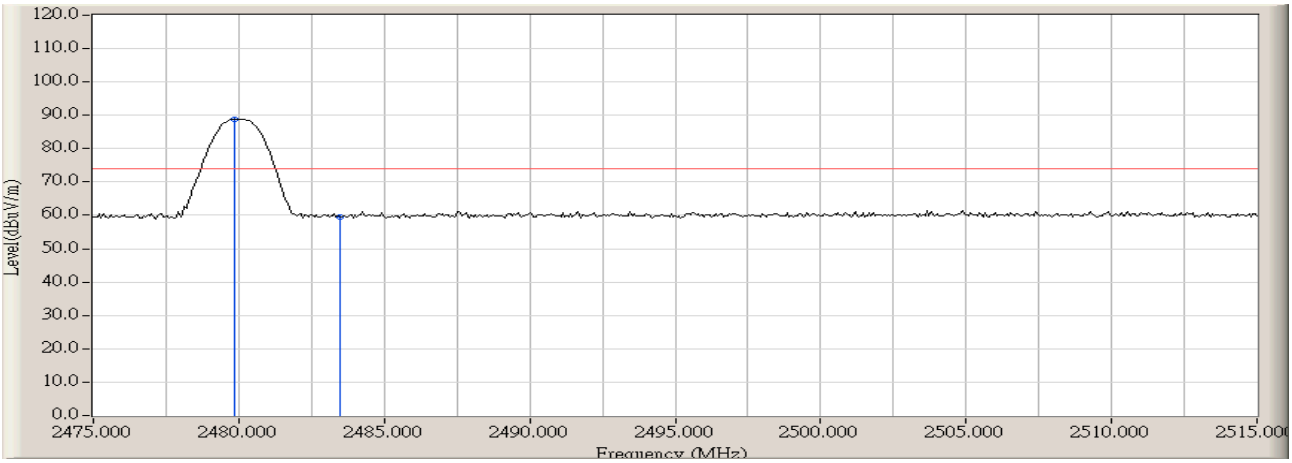
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	27.505	60.227	-13.743	73.970	PEAK
2	*	2402.133	32.725	55.339	88.064	N/A	N/A	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:23**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2402MHz**



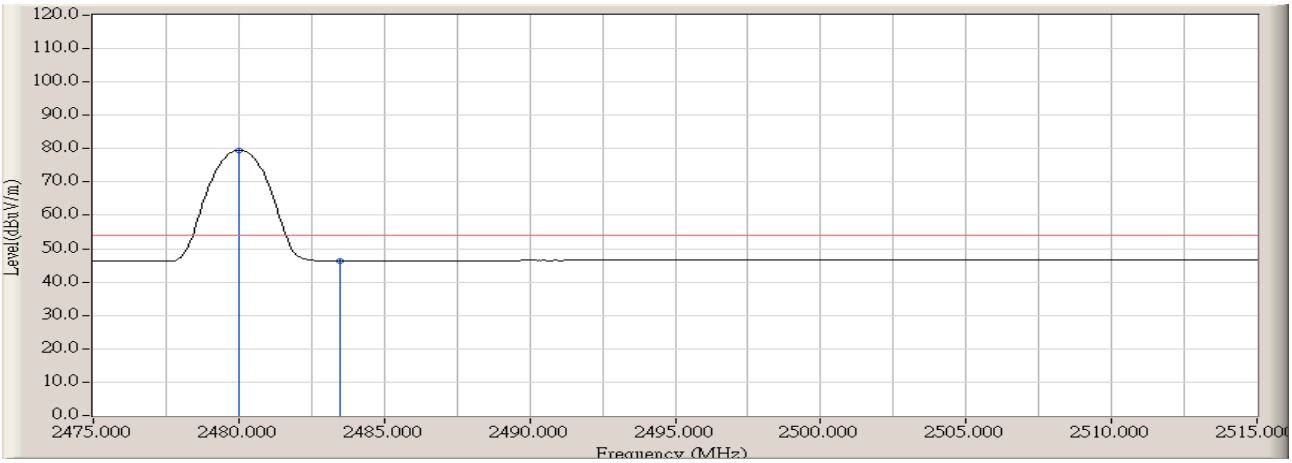
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2390.000	32.722	14.072	46.794	-7.176	53.970	AVERAGE
2	*	2402.000	32.724	46.131	78.856	N/A	N/A	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



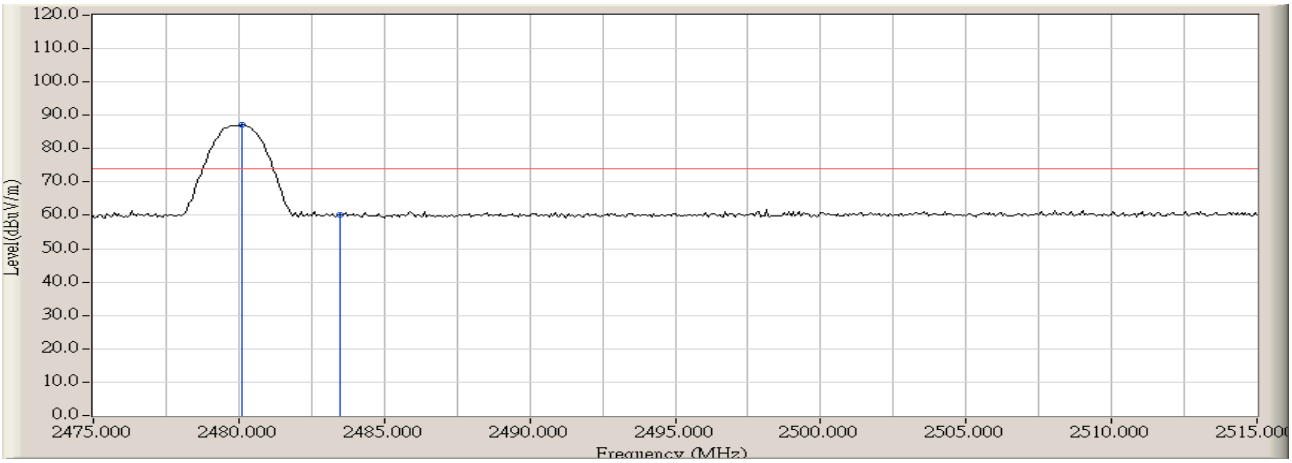
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.867	32.789	56.025	88.814	N/A	N/A	PEAK
2		2483.500	32.787	26.779	59.566	-14.404	73.970	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



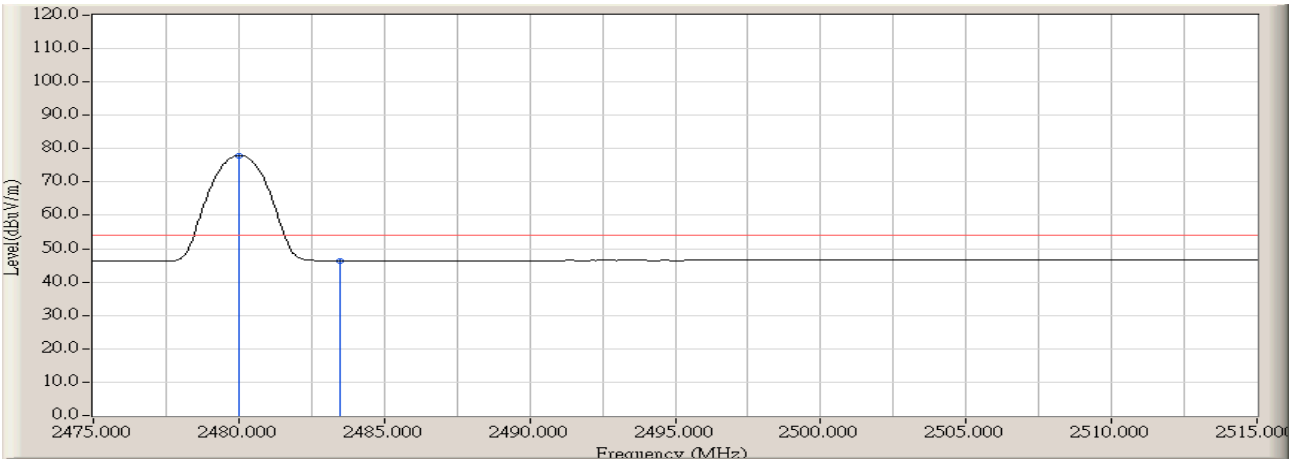
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.000	32.789	46.749	79.538	N/A	N/A	AVERAGE
2		2483.500	32.787	13.652	46.439	-7.531	53.970	AVERAGE

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.133	32.789	54.259	87.048	N/A	N/A	PEAK
2		2483.500	32.787	27.299	60.086	-13.884	73.970	PEAK

Engineer : Robin	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2008/09/11 - 14:32**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 0**
EUT : Notebook(Bluetooth)	**Probe : BBHA9120D_496(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by Bluetooth (3DH5) at channel 2480MHz**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.000	32.789	45.151	77.940	N/A	N/A	AVERAGE
2		2483.500	32.787	13.620	46.407	-7.563	53.970	AVERAGE