FCC TEST REPORT

According to

FCC CFR Title 47 Part 15 Subpart C

Applicant	:	Hannspree Inc.
Address	:	4F.,No.48,Wucyuan Rd.,Wugu Industrial Zone,Taipei County 248,Taiwan
Manufacture	:	WANLIDA GROUP CO., LTD
Address	:	WANLIDA INDUSTRY ZONE, NANJING ,FUJIAN, CHINA.
Equipment	:	HANNSpad
Model No.	:	HSG1164
FCC ID	:	VD2-HSG1164

Table of Contents

Document history

Attachment No.	Date	Description
SEFI1010029-B	Nov 13,2010	First issue

FCC TEST REPORT

Authorized under **D**eclaration **o**f **C**onformity

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Equipment	:	HANNSpad
Model No.	:	HSG1164

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 – 2003** and the energy emitted by this equipment was ***passed*** **CISPR PUB. 22 and FCC Part 15 in** both radiated and conducted emission class B limits. Testing was carried out on Nov 10, 2010 at ***Cerpass Technology Corp.***

Documented By:

Cathy Chen

Cathy Chen/ Administration

Approved By:

Clinton Kao

Clinton Kao / Technical director

1. Report of Measurements and Examinations

FCC CFR Title 47 Part 15 Subpart C			
Clause	Test Parameter	Test Performed	Remark
15.207	Conducted Emission	Yes	Pass
15.209	Radiated Emission	Yes	Pass
15.247(a)	Occupied Bandwidth	Yes	Pass
15.247(a)(1)(iii)	Channel Number	Yes	Pass
15.247(a)(1)	Channel Separation	Yes	Pass
15.247(a)(1)(iii)	Dwell Time	Yes	Pass
15.247(b)(1)	Maximum Peak Output Power	Yes	Pass
15.247(d)	Band Edges	Yes	Pass

2. Test Configuration of Equipment under Test

2.1. Feature of Equipment under Test

HANNSpad	Model No:	HSG1164
	POWER SOURCE:	DC 12V⎓2A
	POWER CONSUMPTION:	<24W
AC ADAPTER	Model No:	MPA-630
	Input:	100-240V~ 1A 50/60Hz
	Output:	12V⎓2A
Power Supply Cable	Non-Shielded, 1.5m, with one ferrite core bonded.	
USB Cable	Shielded, 1.0m	
Remark	This equipment with three panels, HSD101PFW3-A00, HSD101PFW3-B00 and B101AW06. They are identical except the model name and connect port. There panels have been pre-tested. HSD101PFW3-A00 has demonstrated the worst case emissions. Therefore, HSD101PFW3-A00 was selected as the test model in this test report. For the detail information please reference to the FCC DOC Report.	

Component/ Keypart list	
Bluetooth	
Frequency Range	2402-2480 MHz
Modulation Type	GFSK, DPSK, 8DPSK
Number of Channels	79
Data Rate	723 kbps, 2.2 Mbps
Antenna Type	PIFA
Antenna Gain	1.0dBi

2.2. Carrier Frequency of Channels

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	--	--

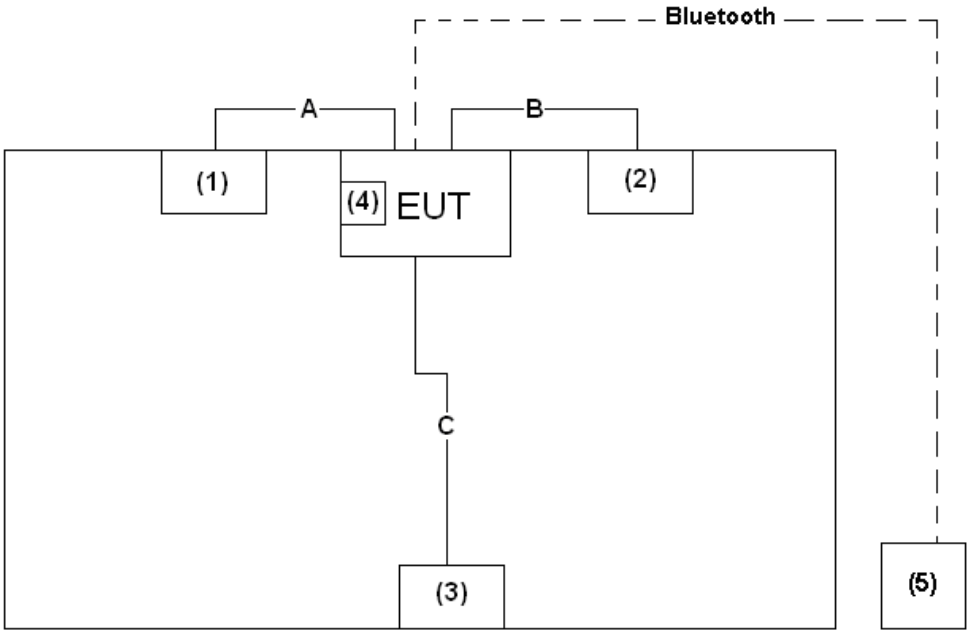
2.3. Test Manner

Test Manner	
a	During testing, the interface cables and equipment positions were varied according to 7 CFR, Part 2, Part 15 and CISPR PUB. 22
b	The complete test system included the LCD Monitor, Notebook, Earphone, Mini SD Card, Notebook and EUT.
c	Setup the test channel and the test mode press ok to start the Continue Transmit.
The pre-test modes	
	Test Mode 1: Transmit by buletooth GFSK
	Test Mode 2: Transmit by buletooth 8DPSK
	Test Mode 3: Transmit by buletooth DPSK
	Test Mode 4: Receive by buletooth GFSK
	Test Mode 5: Receive by buletooth 8DPSK
	Test Mode 6: Receive by buletooth DPSK
The worse case was selected as the final test mode and record in the report	
	Test Mode 1: Transmit by buletooth GFSK
	Test Mode 2: Transmit by buletooth 8DPSK
	Test Mode 4: Receive by buletooth GFSK
	Test Mode 5: Receive by buletooth 8DPSK

2.4. Description of Test System

No.	Device	Manufacturer	Model No.	Description
1	LCD Monitor	DELL	3008WFPt	N/A
2	Notebook	ASUS	W6A	Power by adaptor
3	Earphone	Apple	N/A	N/A
4	Mini SD Card	Sandisk	N/A	N/A
5	Notebook	SONY	M961	N/A

2.5. Connection Diagram of Test System



Use Cable

Item	Cable	Quantity	Description
A	HDMI Cable	1	Shielded, 1.8m, with two ferrite core bonded.
B	USB Cable	1	Shielded, 1.0m
C	Audio Cable	1	Non-shielded, 1.2m

2.6. General Information of Test

Test Site:	Cerpass Technology Corp.
Performand Location :	No.66,Tangzhuang Road, Suzhou Industrial Park, Jiangsu 215006, China
NVLAP LAB Code :	200814-0
FCC Registration Number :	916572, 331395
IC Registration Number :	7290A-1, 7290A-2
VCCI Registration Number :	T-343 for Telecommunication Test C-2919 for Conducted emission test R-2670 for Radiated emission test below 1GHz G-227 for Radiated emission test above 1GHz

Laboratory accreditation

2.7. Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	±2.71 dB
Radiated Emission	30 MHz ~ 25GHz	Vertical	±4.11 dB
		Horizontal	±4.10 dB
Occupied Bandwidth	---	---	± 100 Hz
Channel Number	---	---	±7500 Hz
Channel Separation	---	---	±1.4 dB
Dwell Time	---	---	±2.2 dB
Maximum Peak Output Power	---	---	±2.2 dB
Band Edges	For RF Conducted Measurement		± 1.27 dB
	For RF Radiated Measurement	Under 1G	± 3.8 dB
		Above 1G	± 3.9 dB

3. Test of Conducted Emission

3.1. Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

3.2. Test Procedures

According to FCC Public Notice DA 00-705.

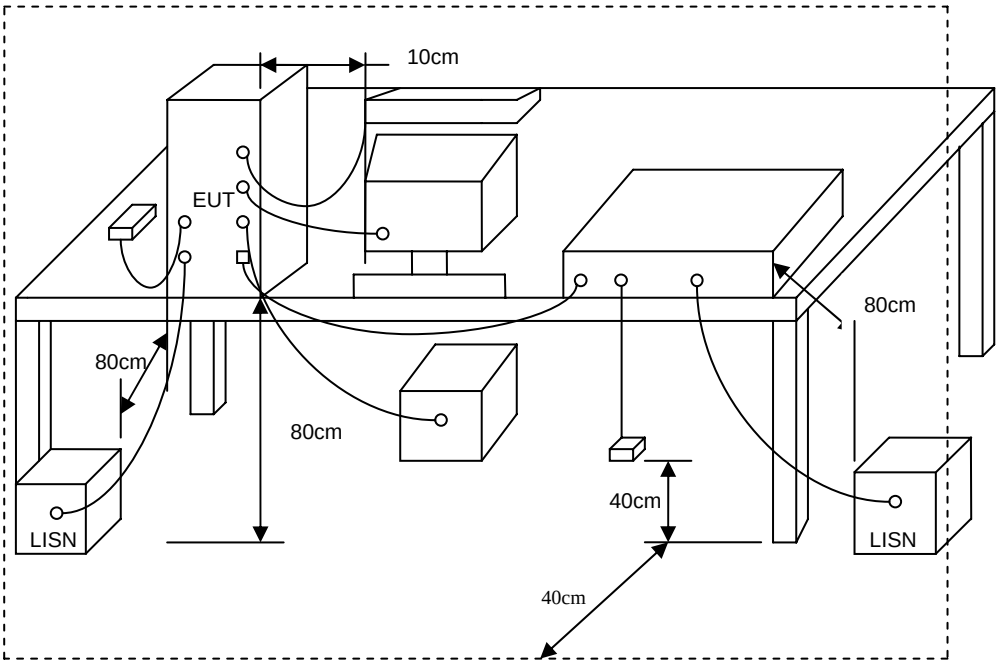
The EUT was placed on a platform of nominal size, 1 m by 1.5 m, raised 80 cm above the conducting ground plane. The vertical conducting plane was located 40 cm to the rear of the EUT. All other surfaces of EUT were at least 80 cm from any other grounded conducting surface. The EUT and simulators are 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.

3.3. Typical Test Setup

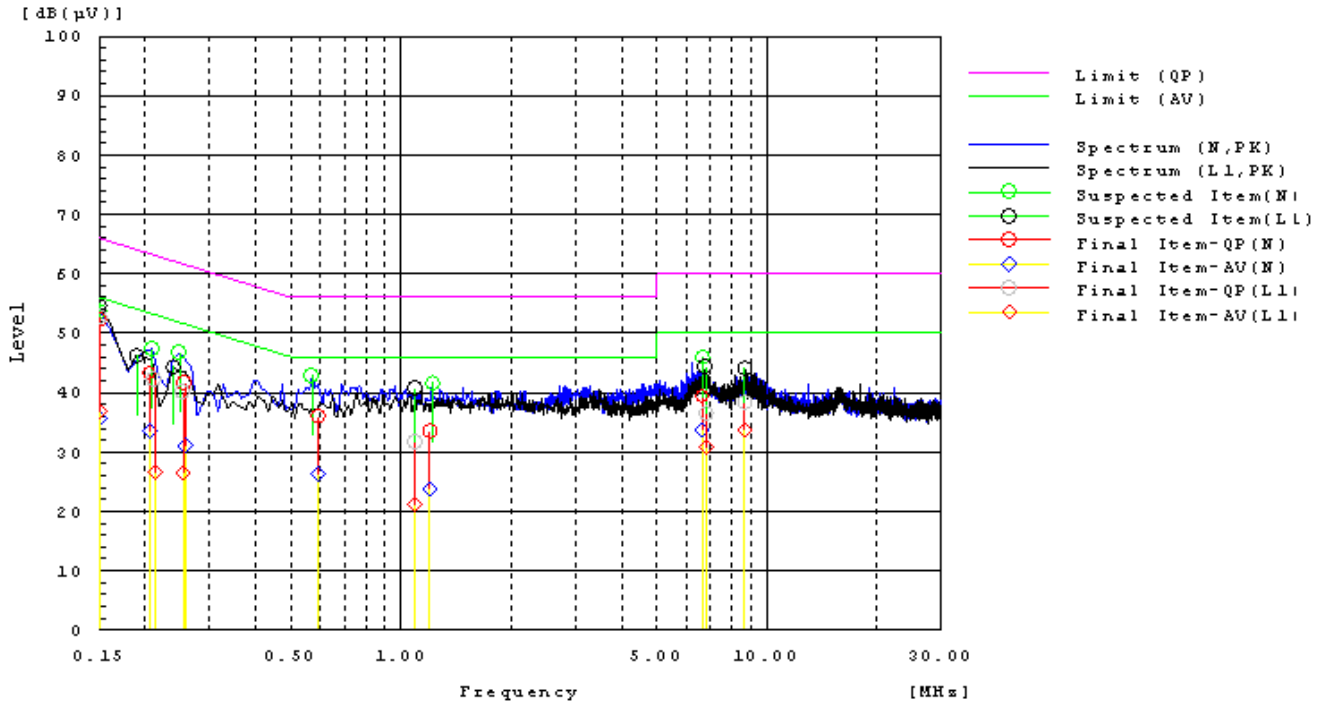


3.4. Measurement Equipment

Instrument	Manufacturer	Model No.	Serial No.	Calibration Date
Test Receiver	R&S	ESCI	100565	2010.01.15
AMN	R&S	ESH2-Z5	100182	2010.06.23
Two-Line V-Network	R&S	ENV216	100325	2010.04.18
ISN	FCC	FCC-TLISN-T2-02	20379	2010.06.23
ISN	FCC	FCC-TLISN-T4-02	20380	2010.06.23
ISN	FCC	FCC-TLISN-T8-02	20381	2010.06.23
Current Probe	R&S	EZ-17	100303	2010.06.23
Passive Voltage Probe	R&S	ESH2-Z3	100026	2010.08.14
Attenuator	R&S	ESH3-Z2	100529	2010.01.11
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-004	2010.08.14

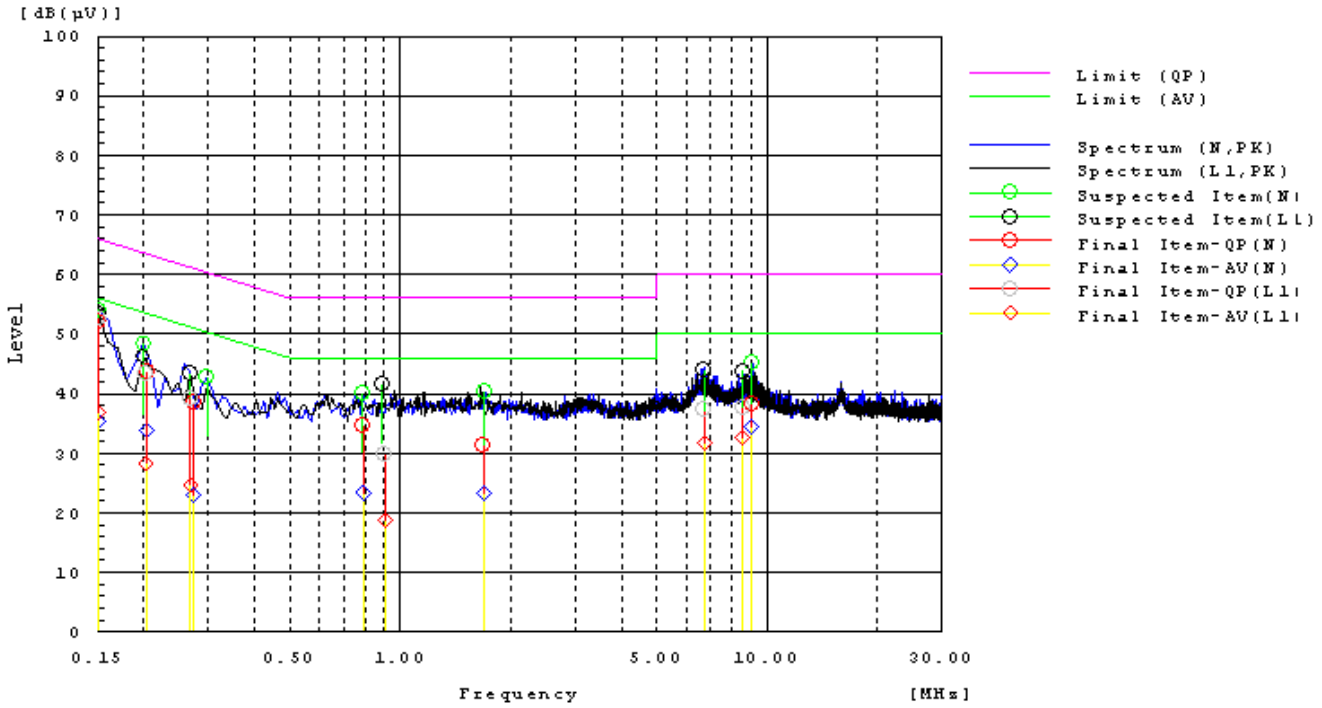
3.5. Test Result and Data

Test Mode :	Mode 1: Transmit by bluetooth GFSK (2441M)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/11/02



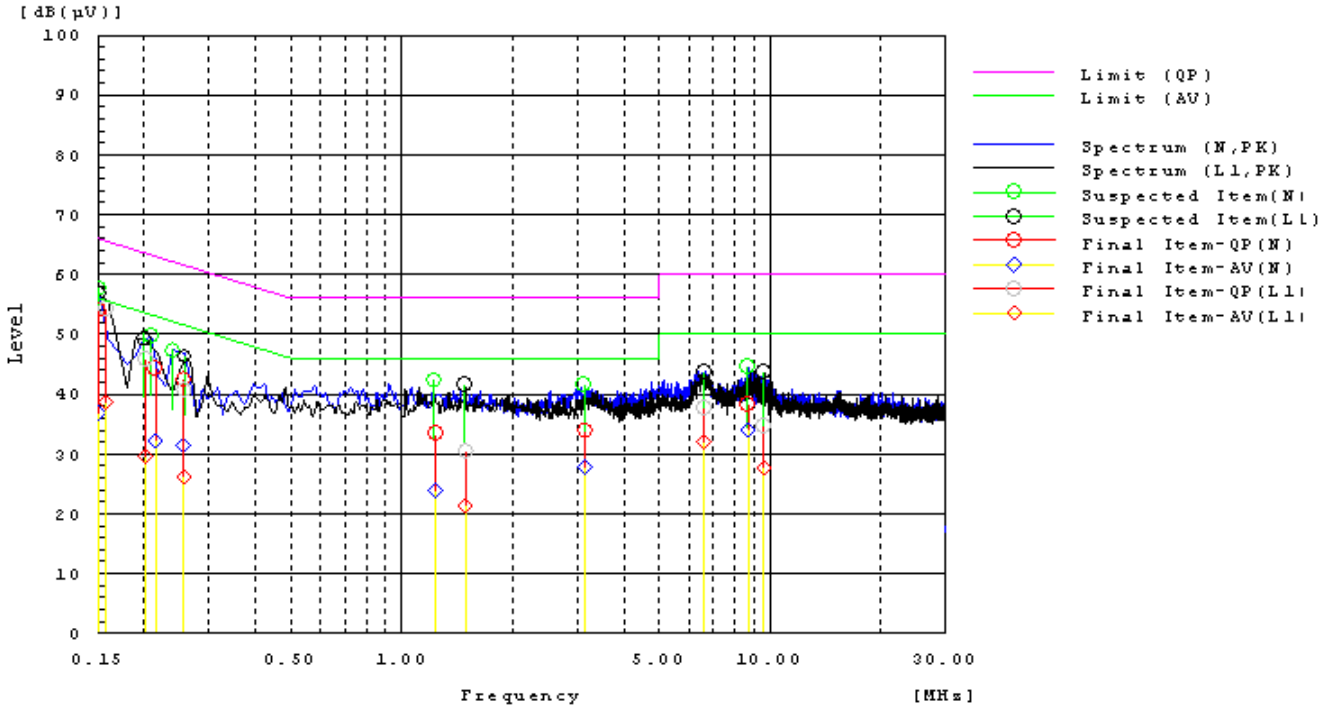
Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	32.9	16.9	19.9	52.8	36.8	66.0	56.0	13.2	19.2	Pass
0.21189	L1	22.4	6.7	19.9	42.3	26.6	63.1	53.1	20.8	26.5	Pass
6.8208	L1	16.8	11.2	19.7	36.5	30.9	60.0	50.0	23.5	19.1	Pass
8.6925	L1	18.7	14.0	19.7	38.4	33.7	60.0	50.0	21.6	16.3	Pass
1.09323	L1	11.8	1.5	19.7	31.5	21.2	56.0	46.0	24.5	24.8	Pass
0.25379	L1	20.2	6.5	19.9	40.1	26.4	61.6	51.6	21.5	25.2	Pass
0.150	N	32.8	16.2	19.5	52.3	35.7	66.0	56.0	13.7	20.3	Pass
0.20577	N	23.7	14.0	19.5	43.2	33.5	63.4	53.4	20.2	19.9	Pass
6.6695	N	19.6	14.0	19.7	39.3	33.7	60.0	50.0	20.7	16.3	Pass
0.59251	N	16.6	6.9	19.5	36.1	26.4	56.0	46.0	19.9	19.6	Pass
1.19721	N	14.2	4.3	19.4	33.6	23.7	56.0	46.0	22.4	22.3	Pass
0.2566	L1	15.0	8.1	19.7	34.7	27.8	60.0	50.0	25.3	22.2	Pass

Test Mode :	Mode 2: Transmit by bluetooth 8DPSK (2441M)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/11/02



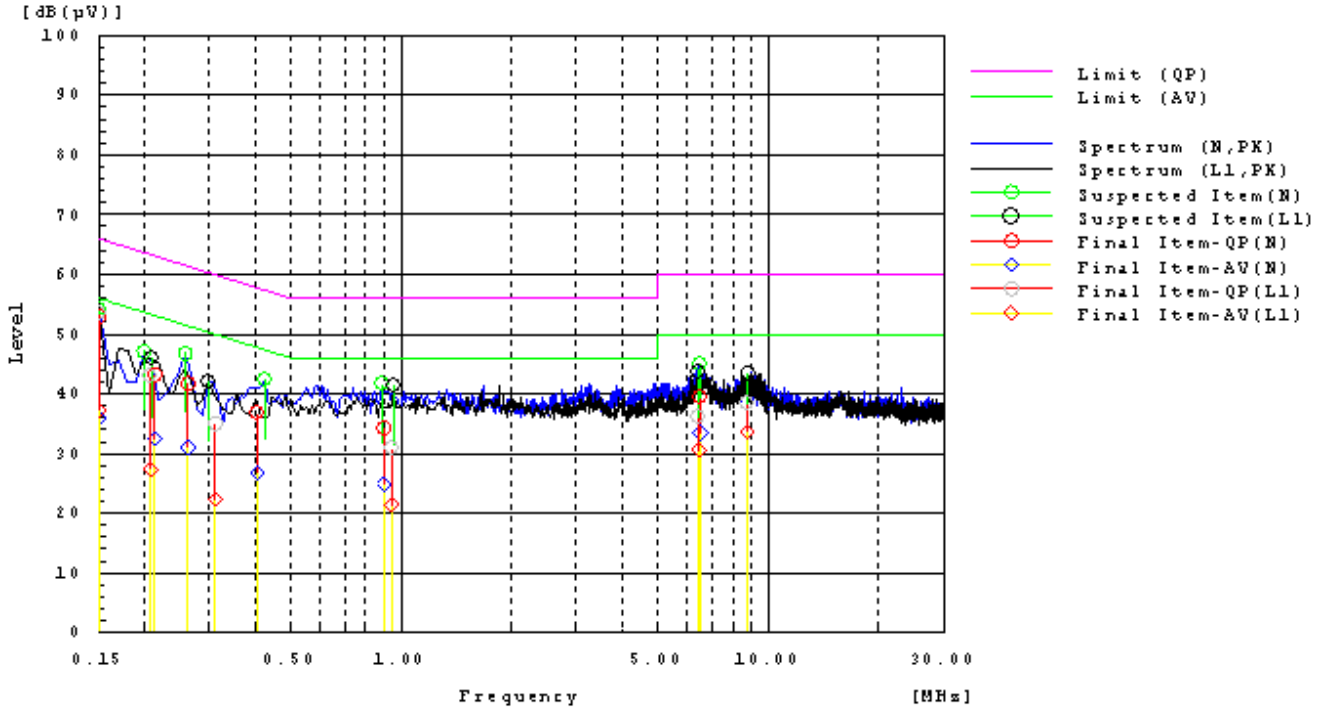
Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	L1	32.8	16.9	19.9	52.7	36.8	66.0	56.0	13.3	19.2	Pass
0.20287	L1	23.4	8.4	19.9	43.3	28.3	63.5	53.5	20.2	25.2	Pass
6.7372	L1	17.6	12.1	19.7	37.3	31.8	60.0	50.0	22.7	18.2	Pass
0.90835	L1	10.0	-0.9	19.8	29.8	18.9	56.0	46.0	26.2	27.1	Pass
0.26795	L1	19.1	4.6	19.9	39.0	24.5	61.2	51.2	22.2	26.7	Pass
8.5625	L1	18.0	13.0	19.7	37.7	32.7	60.0	50.0	22.3	17.3	Pass
0.150	N	32.7	16.0	19.5	52.2	35.5	66.0	56.0	13.8	20.5	Pass
0.20403	N	24.2	14.4	19.5	43.7	33.9	63.4	53.4	19.7	19.5	Pass
9.0869	N	18.6	14.7	19.8	38.4	34.5	60.0	50.0	21.6	15.5	Pass
1.6858	N	11.8	3.7	19.5	31.3	23.2	56.0	46.0	24.7	22.8	Pass
0.27377	N	19.0	3.5	19.5	38.5	23.0	61.0	51.0	22.5	28.0	Pass
0.79224	N	15.2	3.9	19.5	34.7	23.4	56.0	46.0	21.3	22.6	Pass

Test Mode :	Mode 4: Receiver by bluetooth GFSK (2441M)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/11/02



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	N	34.6	17.5	19.5	54.1	37.0	66.0	56.0	11.9	19.0	Pass
0.21402	N	24.7	12.6	19.5	44.2	32.1	63.0	53.0	18.8	20.9	Pass
0.25457	N	23.0	11.9	19.5	42.5	31.4	61.6	51.6	19.1	20.2	Pass
1.23291	N	13.9	4.5	19.4	33.3	23.9	56.0	46.0	22.7	22.1	Pass
3.13876	N	14.4	8.4	19.6	34.0	28.0	56.0	46.0	22.0	18.0	Pass
8.6978	N	18.5	14.3	19.8	38.3	34.1	60.0	50.0	21.7	15.9	Pass
0.15708	L1	34.3	18.7	19.9	54.2	38.6	65.6	55.6	11.4	17.0	Pass
0.20199	L1	26.0	9.8	19.9	45.9	29.7	63.5	53.5	17.6	23.8	Pass
0.25592	L1	20.9	6.2	19.9	40.8	26.1	61.6	51.6	20.8	25.5	Pass
1.48976	L1	10.9	1.6	19.7	30.6	21.3	56.0	46.0	25.4	24.7	Pass
6.6024	L1	18.0	12.4	19.7	37.7	32.1	60.0	50.0	22.3	17.9	Pass
9.6239	L1	15.0	8.1	19.7	34.7	27.8	60.0	50.0	25.3	22.2	Pass

Test Mode :	Mode 5: Receiver by bluetooth 8DPSK (2441M)		
AC Power :	AC 120V/60Hz	Phase :	L&N
Temperature :	22°C	Humidity:	50%
Pressur(mbar) :	1002	Date:	2010/11/02



Frequency MHz	Line Phase	Reading dB(uV) QP	Reading dB(uV) AV	Factor dB	Level dB(uV) QP	Level dB(uV) AV	Limit dB(uV) QP	Limit dB(uV) AV	Margin dB QP	Margin dB AV	Pass/Fail
0.150	N	33.5	16.5	19.5	53.0	36.0	66.0	56.0	13.0	20.0	Pass
0.21305	N	23.7	13.0	19.5	43.2	32.5	63.1	53.1	19.9	20.6	Pass
0.26223	N	22.2	11.5	19.5	41.7	31.0	61.4	51.4	19.7	20.4	Pass
0.40453	N	17.2	7.2	19.5	36.7	26.7	57.8	47.8	21.1	21.1	Pass
0.89593	N	14.8	5.3	19.5	34.3	24.8	56.0	46.0	21.7	21.2	Pass
6.5362	N	19.6	13.8	19.7	39.3	33.5	60.0	50.0	20.7	16.5	Pass
0.150	L1	33.6	17.5	19.9	53.5	37.4	66.0	56.0	12.5	18.6	Pass
0.20733	L1	23.0	7.4	19.9	42.9	27.3	63.3	53.3	20.4	26.0	Pass
0.3117	L1	15.2	2.4	19.9	35.1	22.3	59.9	49.9	24.8	27.6	Pass
0.94007	L1	11.1	1.6	19.8	30.9	21.4	56.0	46.0	25.1	24.6	Pass
6.4663	L1	16.3	10.9	19.7	36.0	30.6	60.0	50.0	24.0	19.4	Pass
8.7621	L1	18.8	13.9	19.7	38.5	33.6	60.0	50.0	21.5	16.4	Pass

4. Test of Radiated Emission

4.1. Test Limit

Radiated emissions from 30 MHz to 26 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions for unintentional device, according to § 15.209(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated (μ V / M)	Radiated (dB μ V/ M)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

Frequency (MHz)	Distance Meters	Radiated (dB μ V/ M)
30-230	10	30
230-1000	10	37

4.2. Test Procedures

According to FCC Public Notice DA 00-705.

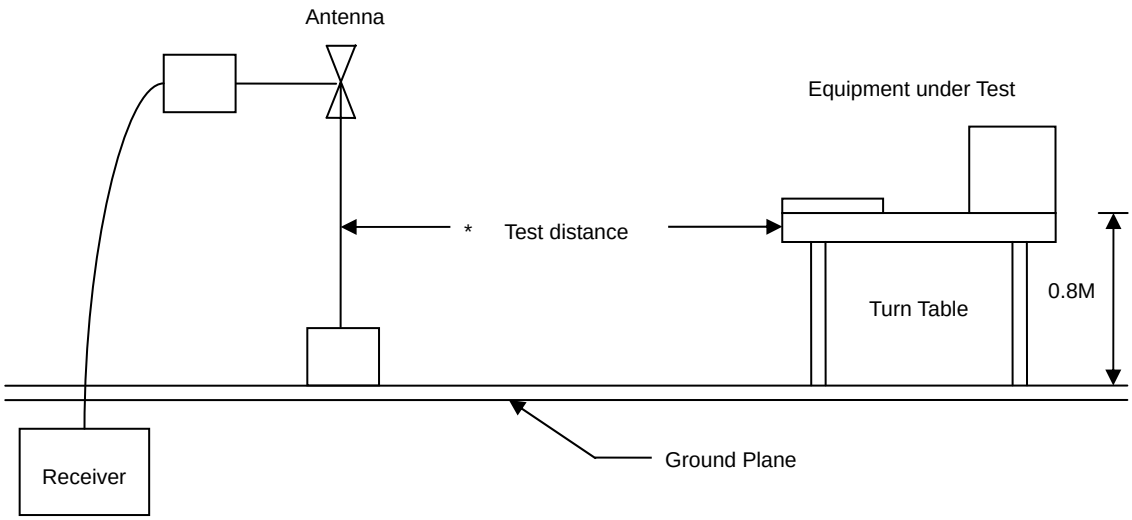
The EUT is placed on a turn table which is 0.8 meter above ground. The turn table is rotated 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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.

4.3. Typical Test Setup

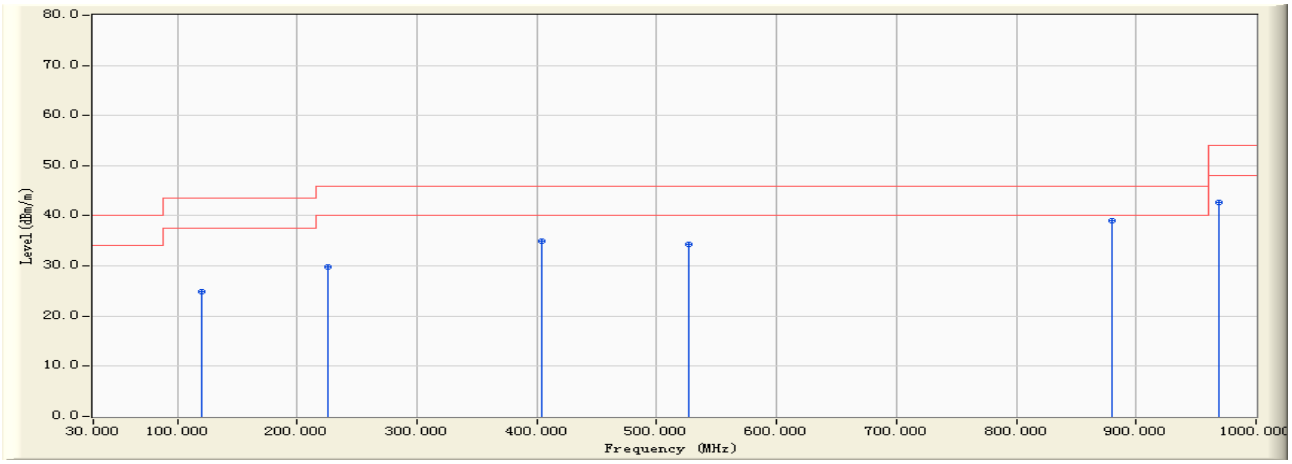


4.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
EMI Test Receiver	R&S	ESCI	100563	2010.06.23
Preamplifier	Agilent	8449B	3008A02342	2010.02.10
Preamplifier	HP	8447F	3113A05582	2010.08.14
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-618	2010.08.14
Broad-Band Horn Antenna	Schwarzbeck	BBHA9170D	9170D-347	2010.10.14
Ultra Broadband Antenna	R&S	HL562	100363	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

4.5. Test Result and Data

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

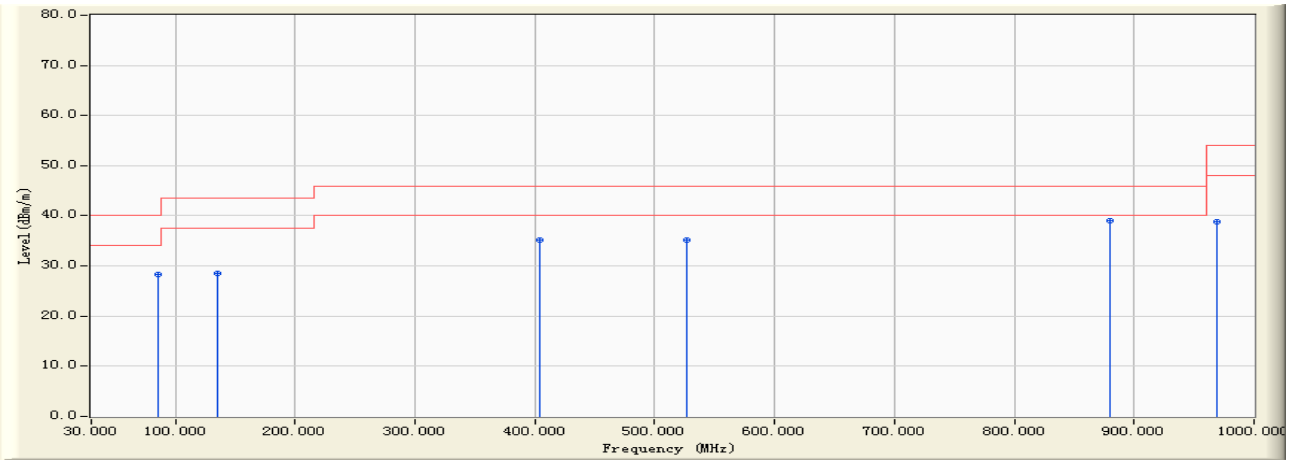


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	38.560	24.971	-18.529	43.500	QUASIPEAK
2		225.690	-13.850	43.580	29.731	-16.269	46.000	QUASIPEAK
3		403.560	-7.468	42.510	35.042	-10.958	46.000	QUASIPEAK
4		526.930	-4.284	38.652	34.368	-11.632	46.000	QUASIPEAK
5	*	879.530	2.577	36.540	39.118	-6.882	46.000	QUASIPEAK
6		968.530	3.761	38.950	42.711	-11.289	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:01**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

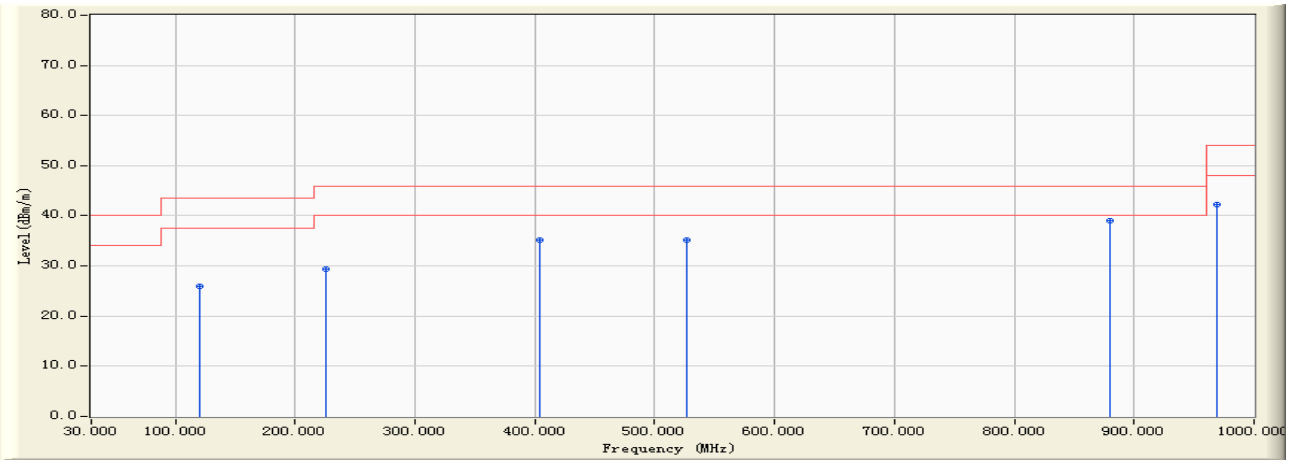


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		85.630	-15.168	43.560	28.391	-11.609	40.000	QUASIPEAK
2		135.630	-14.681	43.210	28.529	-14.971	43.500	QUASIPEAK
3		403.560	-7.468	42.580	35.112	-10.888	46.000	QUASIPEAK
4		526.360	-4.294	39.510	35.216	-10.784	46.000	QUASIPEAK
5	*	879.530	2.577	36.510	39.088	-6.912	46.000	QUASIPEAK
6		968.540	3.761	35.010	38.771	-15.229	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:02**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

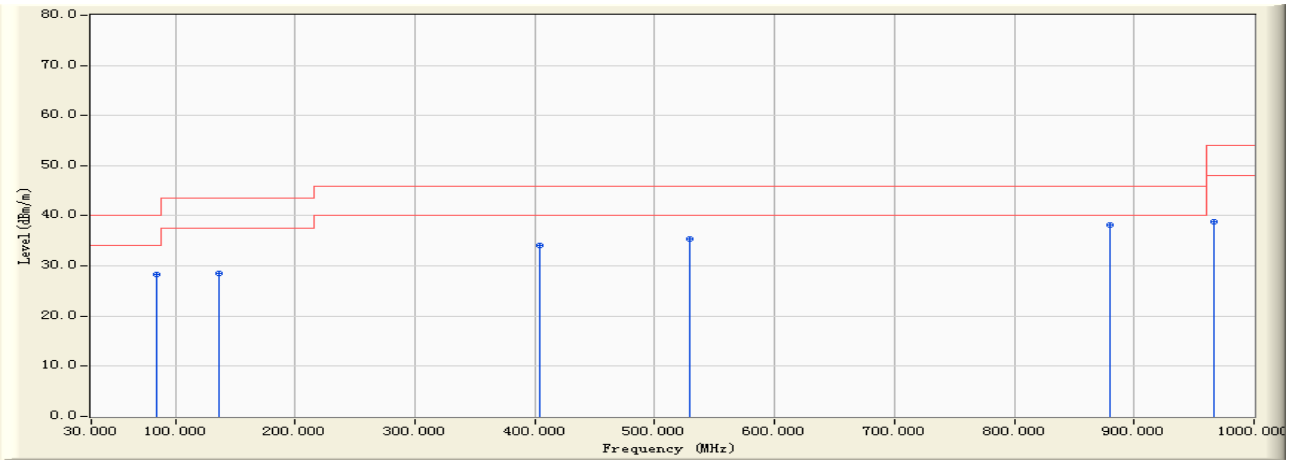


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	39.620	26.031	-17.469	43.500	QUASIPEAK
2		225.610	-13.854	43.210	29.356	-16.644	46.000	QUASIPEAK
3		403.580	-7.467	42.580	35.113	-10.887	46.000	QUASIPEAK
4		526.390	-4.293	39.510	35.217	-10.783	46.000	QUASIPEAK
5	*	879.530	2.577	36.520	39.098	-6.902	46.000	QUASIPEAK
6		968.530	3.761	38.410	42.171	-11.829	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:03**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

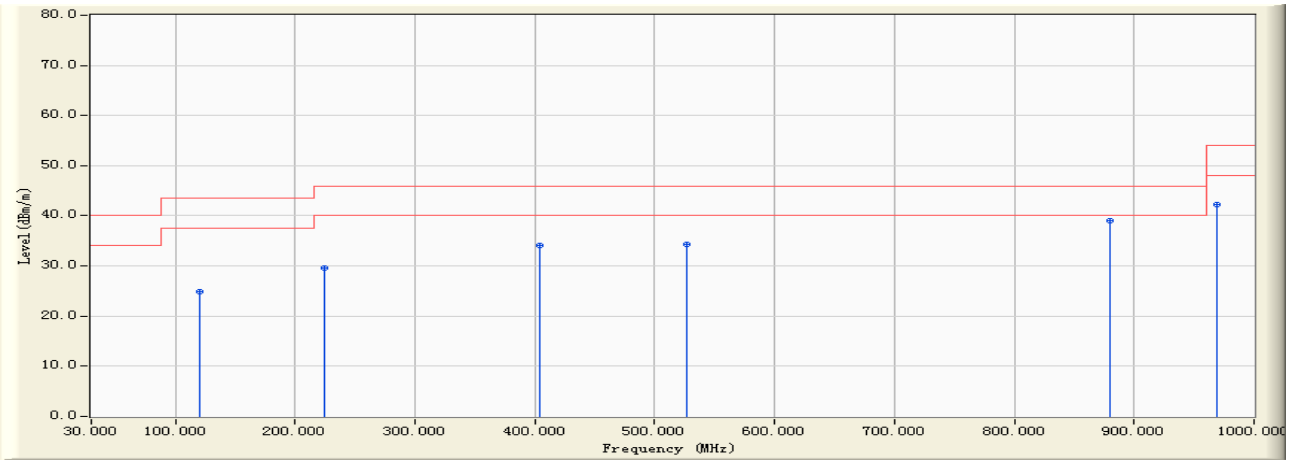


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		84.630	-15.220	43.520	28.300	-11.700	40.000	QUASIPEAK
2		136.960	-14.770	43.260	28.489	-15.011	43.500	QUASIPEAK
3		403.520	-7.469	41.630	34.161	-11.839	46.000	QUASIPEAK
4		529.360	-4.237	39.520	35.283	-10.717	46.000	QUASIPEAK
5	*	879.360	2.572	35.690	38.262	-7.738	46.000	QUASIPEAK
6		966.320	3.711	35.210	38.921	-15.079	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:04**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

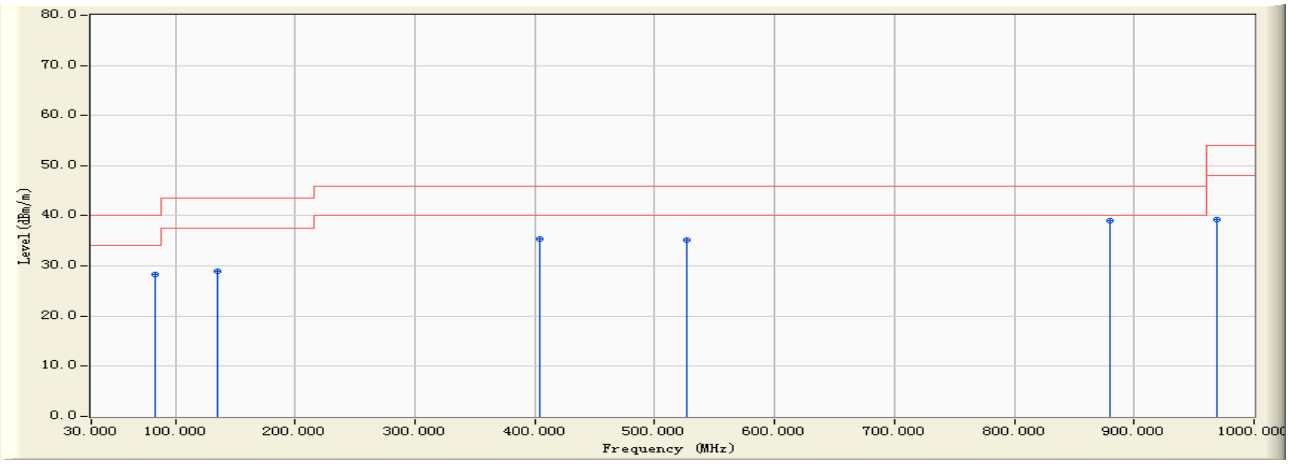


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	38.510	24.921	-18.579	43.500	QUASIPEAK
2		224.650	-13.909	43.520	29.611	-16.389	46.000	QUASIPEAK
3		403.590	-7.467	41.570	34.103	-11.897	46.000	QUASIPEAK
4		526.930	-4.284	38.520	34.236	-11.764	46.000	QUASIPEAK
5	*	879.530	2.577	36.510	39.088	-6.912	46.000	QUASIPEAK
6		968.520	3.761	38.540	42.301	-11.699	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:05**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

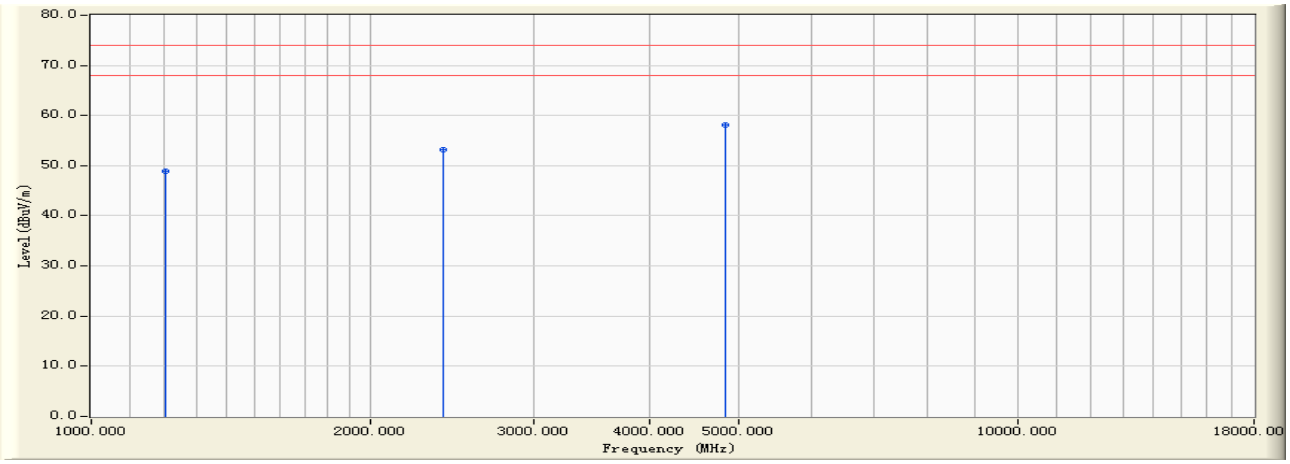


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		83.630	-15.277	43.520	28.243	-11.757	40.000	QUASIPEAK
2		135.690	-14.685	43.580	28.895	-14.605	43.500	QUASIPEAK
3		403.510	-7.469	42.850	35.381	-10.619	46.000	QUASIPEAK
4		526.930	-4.284	39.510	35.226	-10.774	46.000	QUASIPEAK
5	*	879.530	2.577	36.510	39.088	-6.912	46.000	QUASIPEAK
6		968.520	3.761	35.410	39.171	-14.829	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:18**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

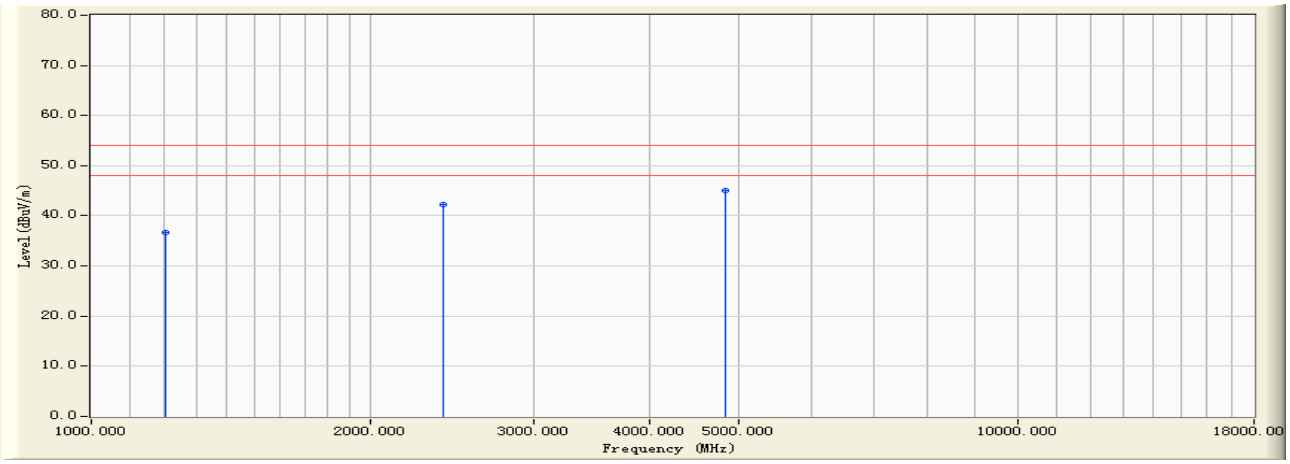


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.630	-5.922	54.840	48.918	-25.082	74.000	PEAK
2		2402.510	0.396	52.840	53.236	-20.764	74.000	PEAK
3	*	4835.650	7.372	50.840	58.211	-15.789	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:18**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

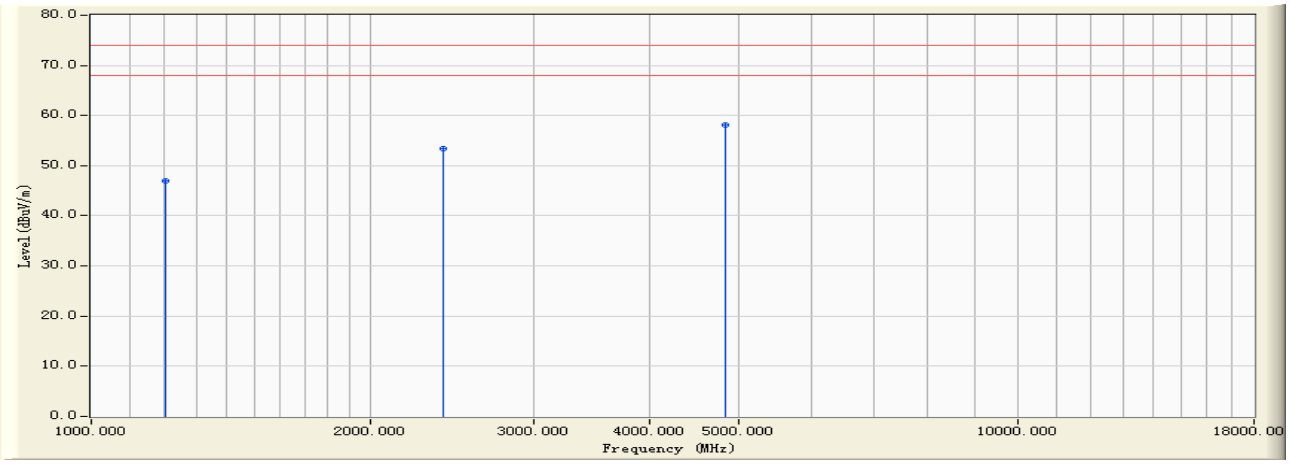


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.630	-5.922	42.680	36.758	-17.242	54.000	AVERAGE
2		2402.510	0.396	41.850	42.246	-11.754	54.000	AVERAGE
3	*	4835.650	7.372	37.640	45.011	-8.989	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

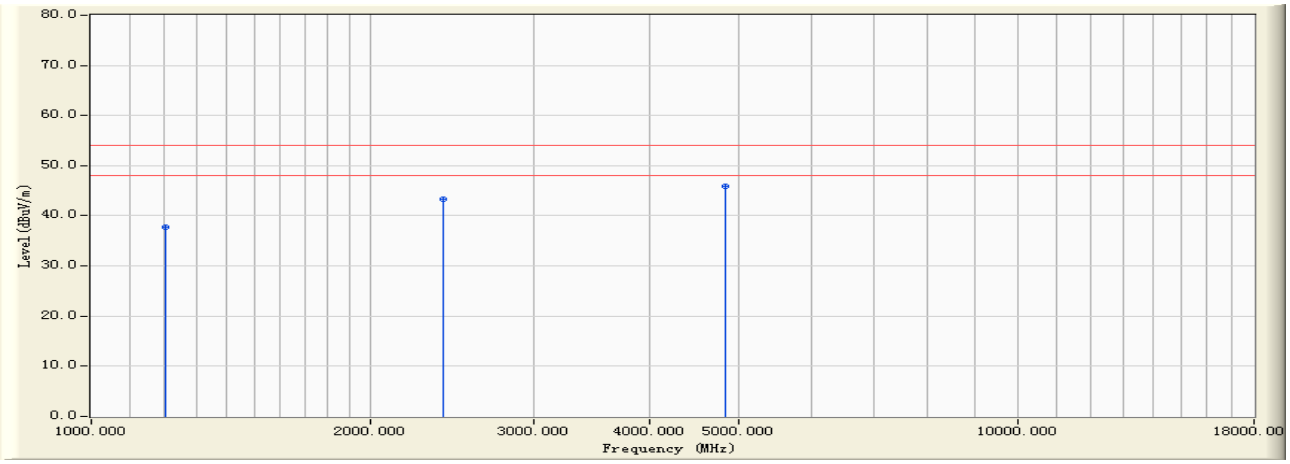


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.580	-5.922	52.890	46.968	-27.032	74.000	PEAK
2		2402.520	0.396	53.010	53.406	-20.594	74.000	PEAK
3	*	4835.630	7.372	50.840	58.211	-15.789	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:19**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

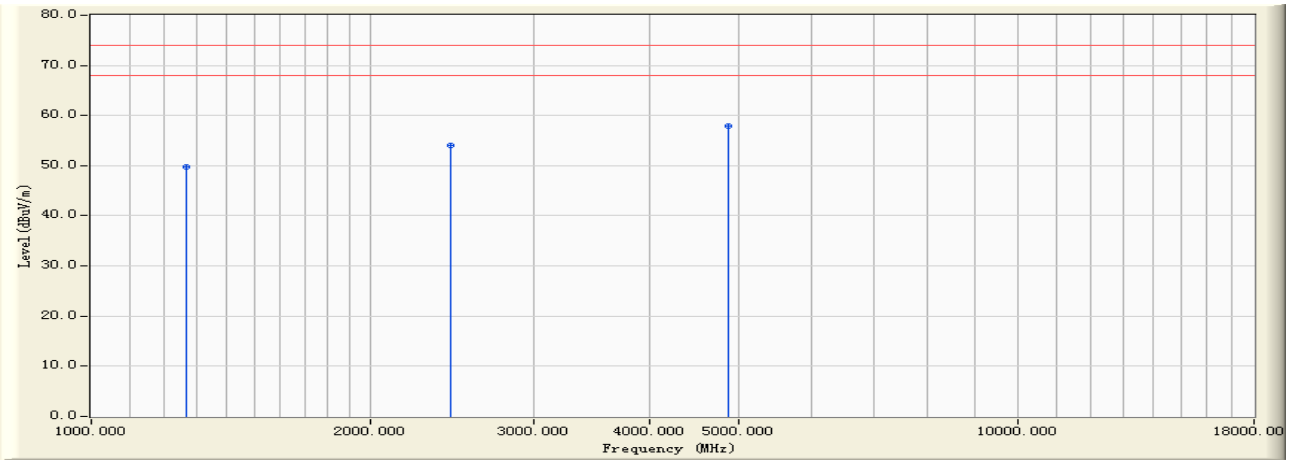


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.580	-5.922	43.630	37.708	-16.292	54.000	AVERAGE
2		2402.520	0.396	42.870	43.266	-10.734	54.000	AVERAGE
3	*	4835.630	7.372	38.570	45.941	-8.059	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:20**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

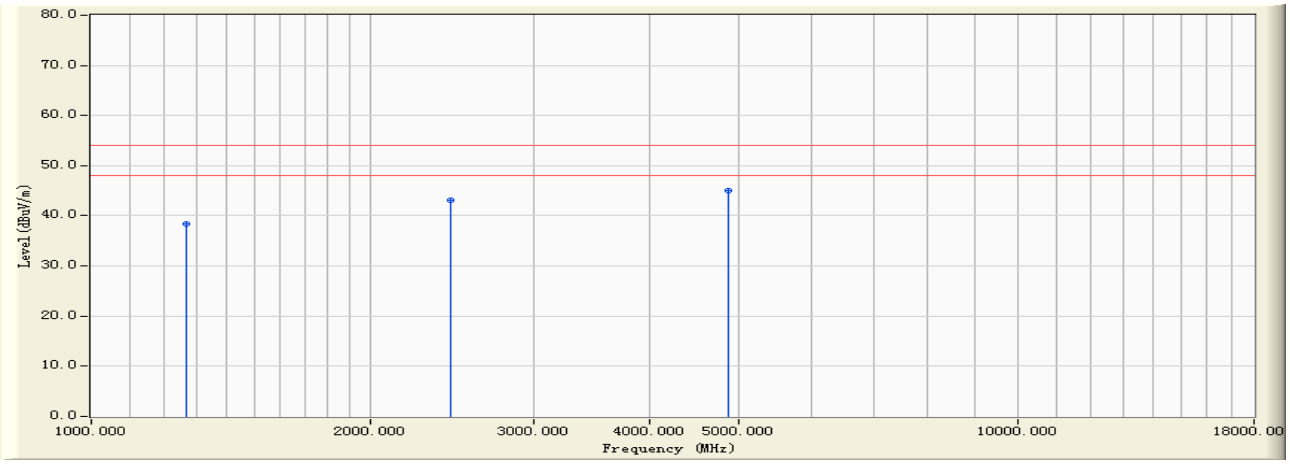


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1265.840	-5.246	54.980	49.734	-24.266	74.000	PEAK
2		2441.310	0.522	53.530	54.052	-19.948	74.000	PEAK
3	*	4867.000	7.443	50.520	57.963	-16.037	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:20**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

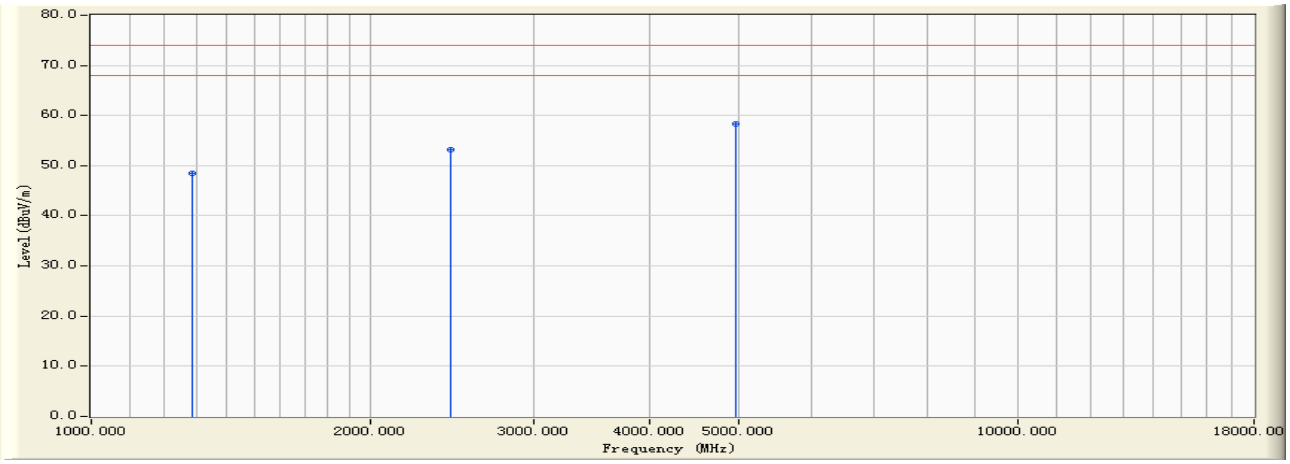


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1265.840	-5.246	43.580	38.334	-15.666	54.000	AVERAGE
2		2441.310	0.522	42.570	43.092	-10.908	54.000	AVERAGE
3	*	4867.000	7.443	37.540	44.983	-9.017	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:21**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

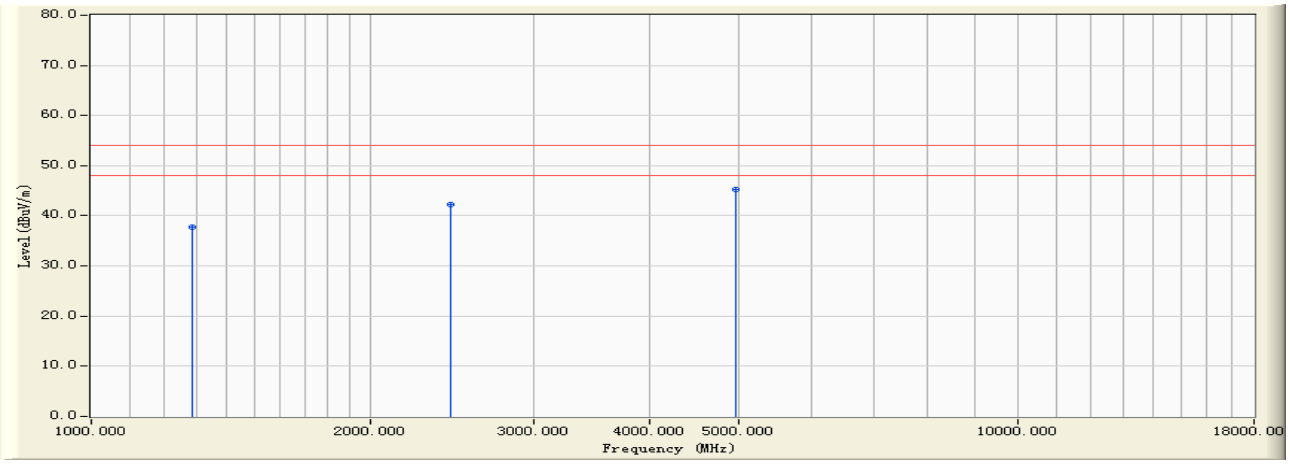


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1285.310	-5.029	53.540	48.510	-25.490	74.000	PEAK
2		2441.850	0.524	52.690	53.214	-20.786	74.000	PEAK
3	*	4963.510	7.654	50.740	58.394	-15.606	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:21**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

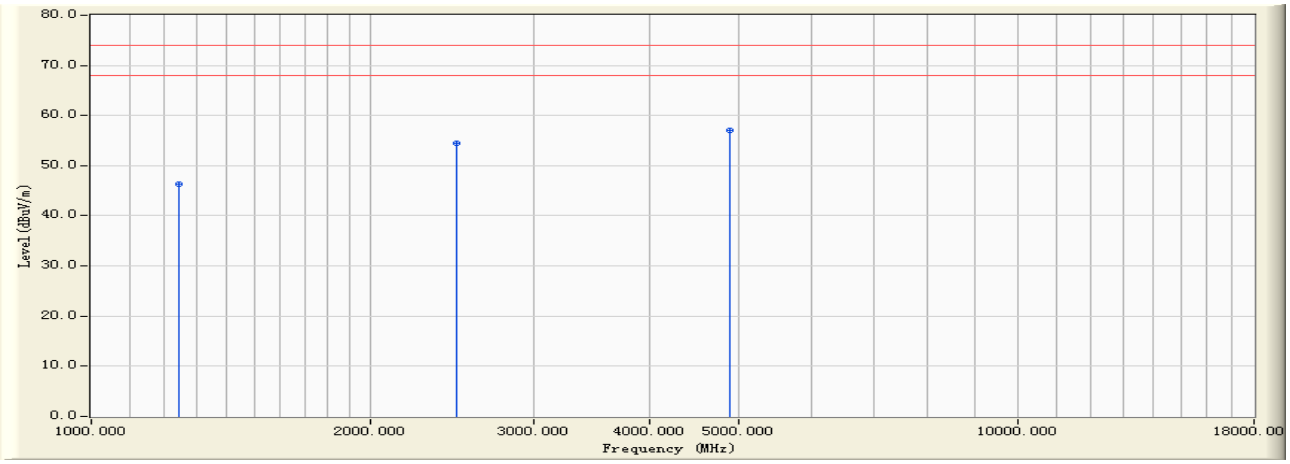


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1285.310	-5.029	42.850	37.820	-16.180	54.000	AVERAGE
2		2441.850	0.524	41.670	42.194	-11.806	54.000	AVERAGE
3	*	4963.510	7.654	37.560	45.214	-8.786	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:22**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

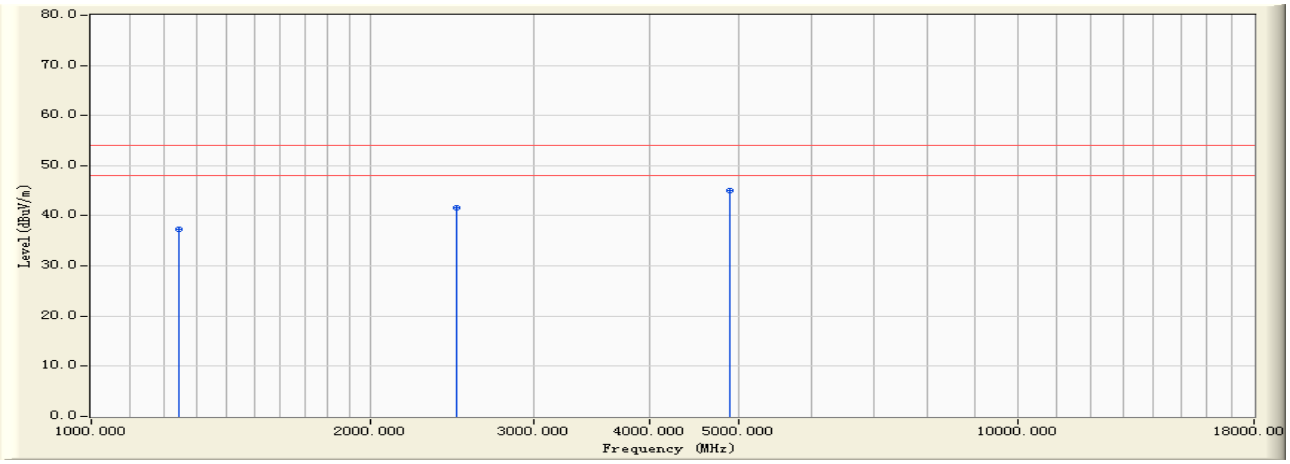


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.340	-5.471	51.890	46.419	-27.581	74.000	PEAK
2		2480.360	0.662	53.850	54.512	-19.488	74.000	PEAK
3	*	4896.360	7.511	49.570	57.081	-16.919	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:22**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

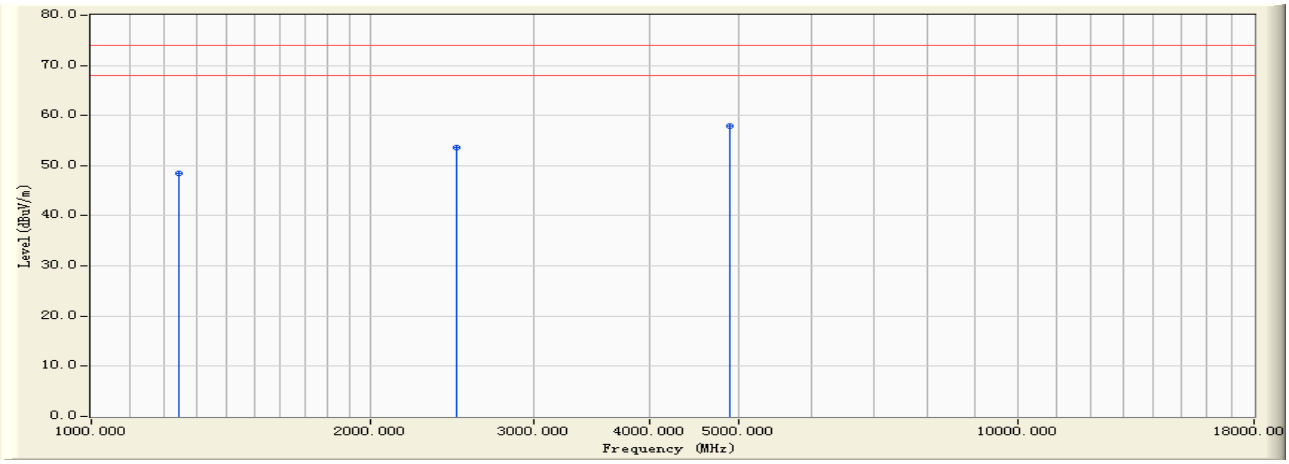


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.340	-5.471	42.870	37.399	-16.601	54.000	AVERAGE
2		2480.360	0.662	40.890	41.552	-12.448	54.000	AVERAGE
3	*	4896.360	7.511	37.510	45.021	-8.979	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:23**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

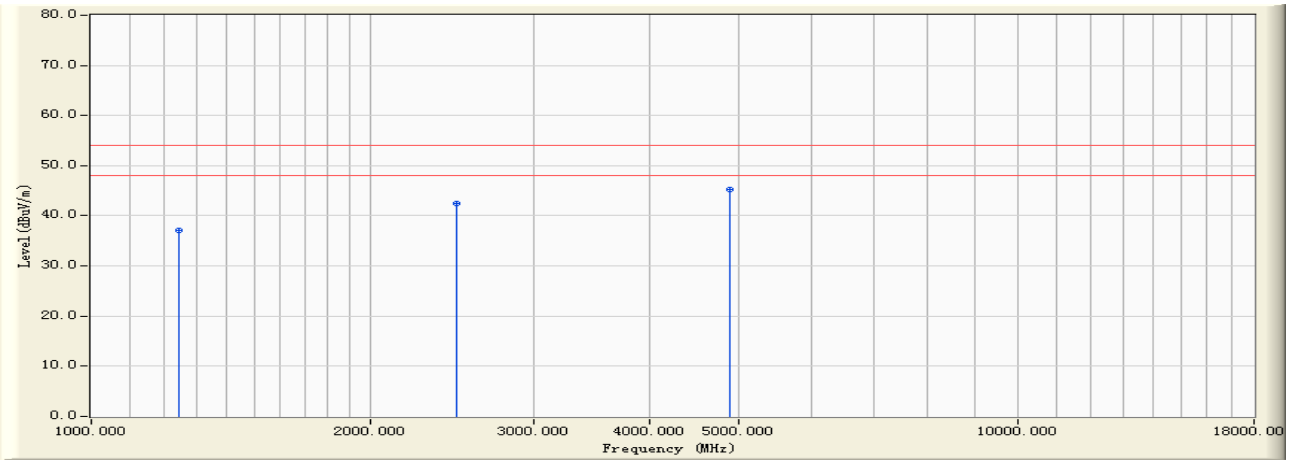


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.370	-5.470	53.840	48.370	-25.630	74.000	PEAK
2		2481.360	0.666	52.850	53.516	-20.484	74.000	PEAK
3	*	4895.540	7.509	50.410	57.919	-16.081	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:23**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

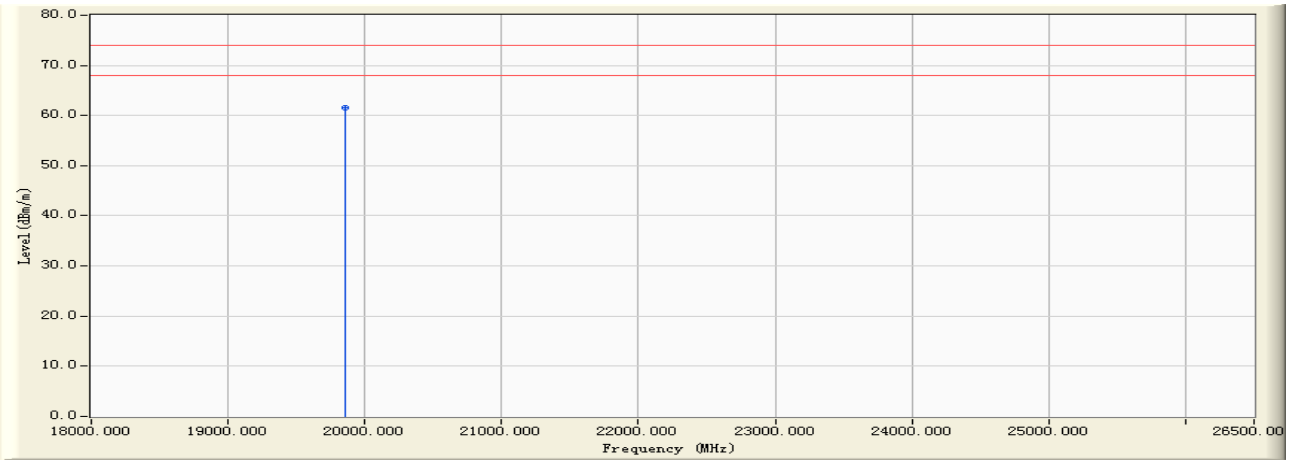


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.370	-5.470	42.680	37.210	-16.790	54.000	AVERAGE
2		2481.360	0.666	41.840	42.506	-11.494	54.000	AVERAGE
3	*	4895.540	7.509	37.840	45.349	-8.651	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:25**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

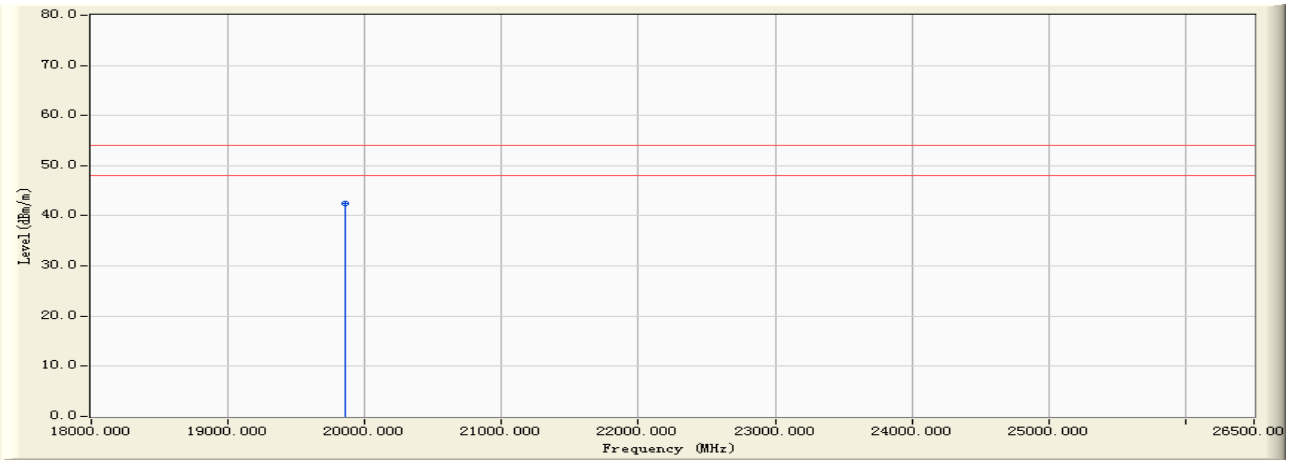


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19856.000	7.950	53.540	61.490	-12.510	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:25**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

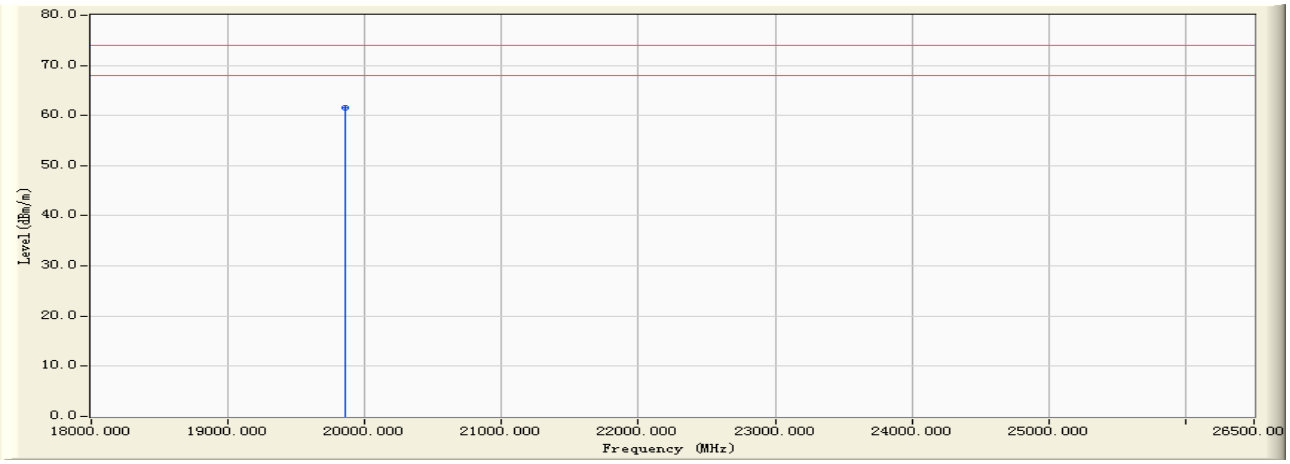


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19856.000	7.950	34.570	42.520	-11.480	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:25**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

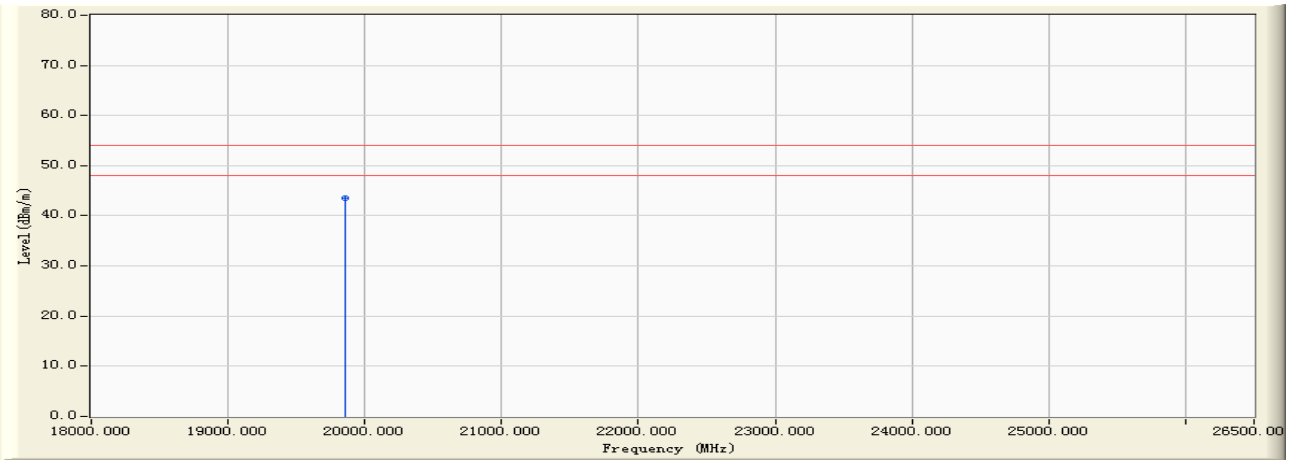


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19857.000	7.953	53.520	61.473	-12.527	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:25**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2402M**

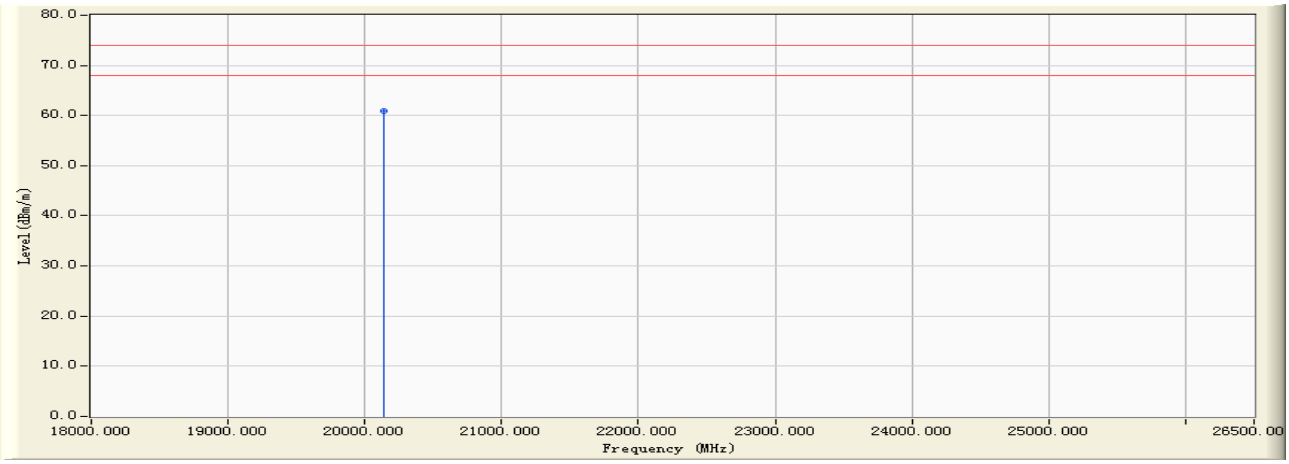


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19857.000	7.953	35.610	43.563	-10.437	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:26**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

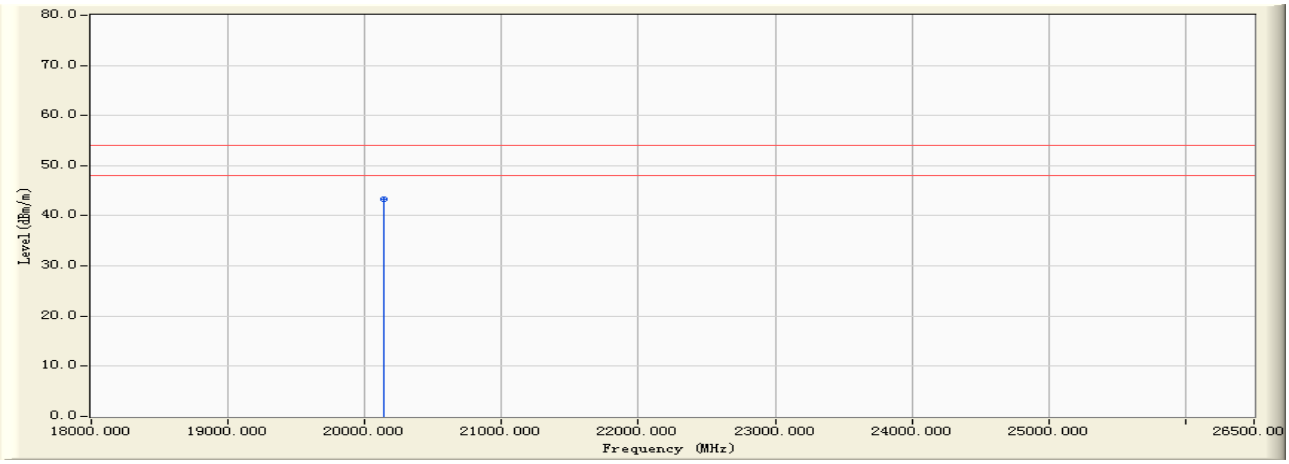


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20136.000	8.020	52.840	60.860	-13.140	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:26**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

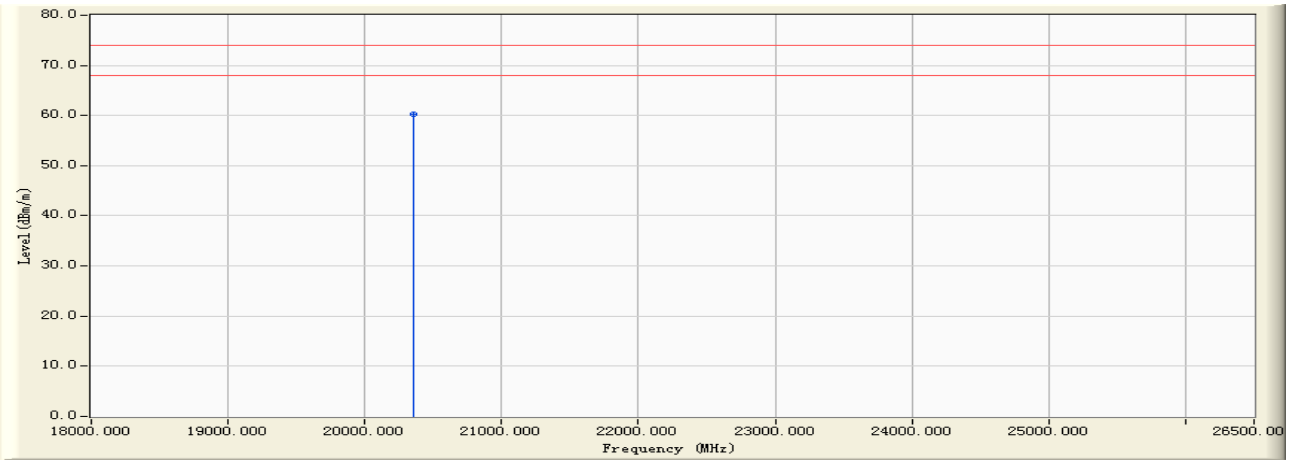


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20136.000	8.020	35.210	43.230	-10.770	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:26**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

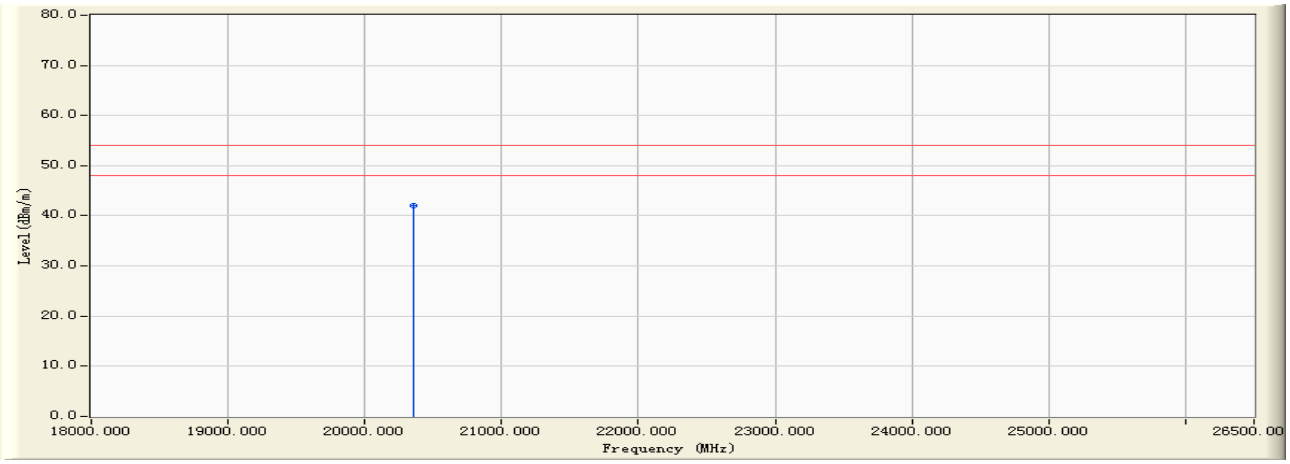


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20354.000	7.371	52.980	60.351	-13.649	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:26**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2441M**

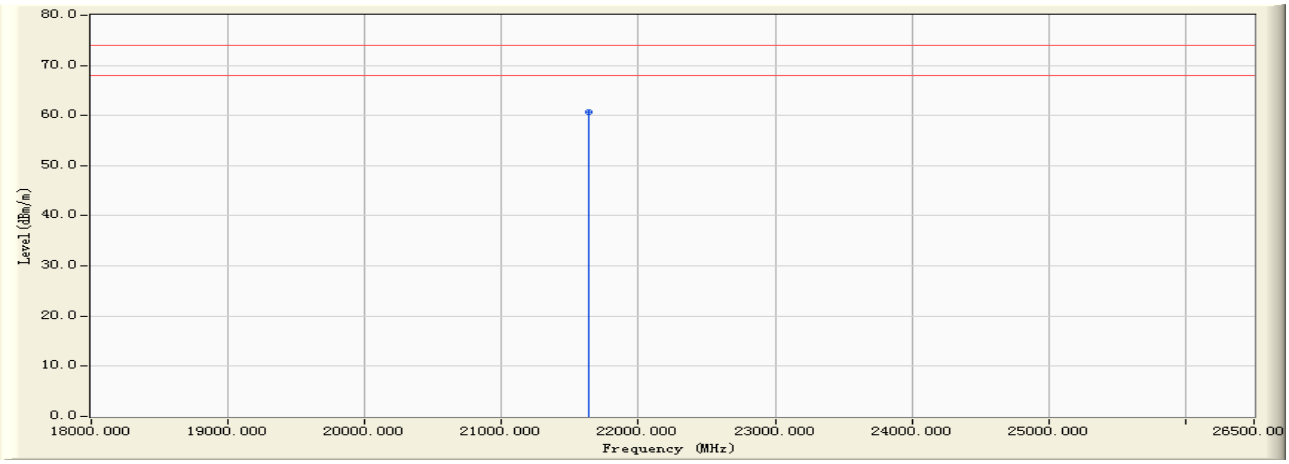


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20354.000	7.371	34.680	42.051	-11.949	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:27**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

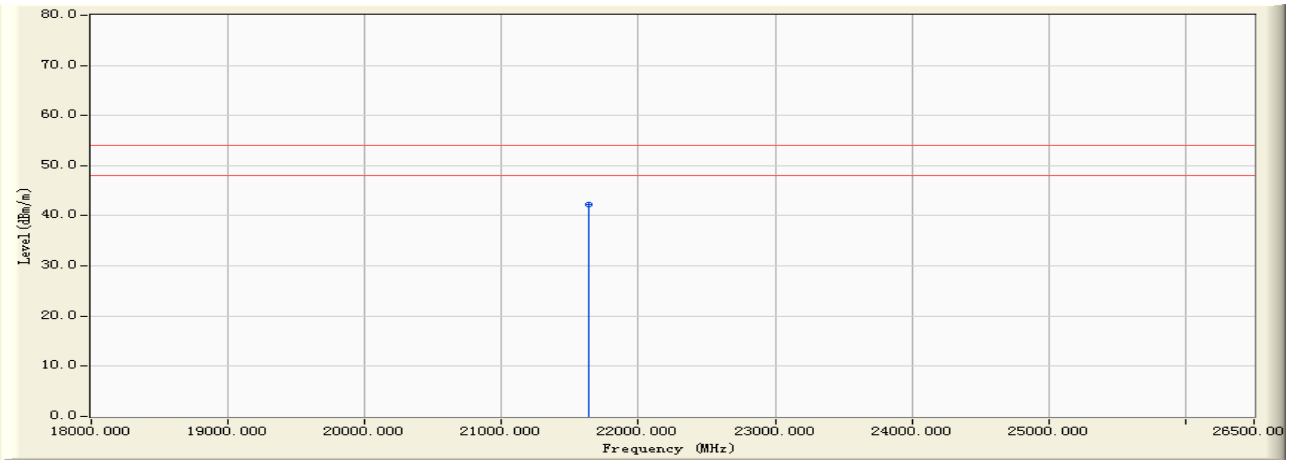


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21635.000	7.755	52.980	60.735	-13.265	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:27**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

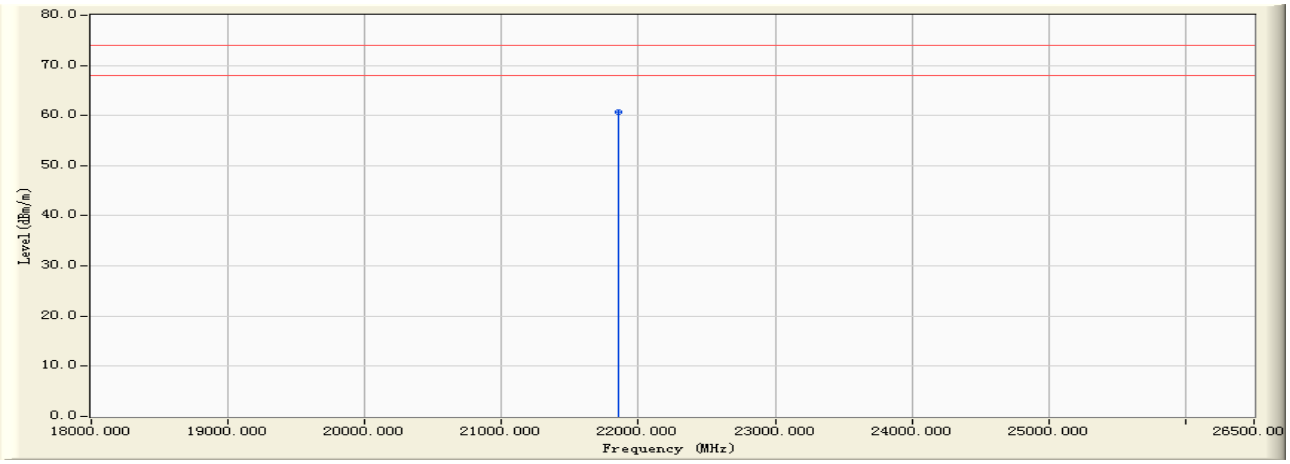


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21635.000	7.755	34.570	42.325	-11.675	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:28**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

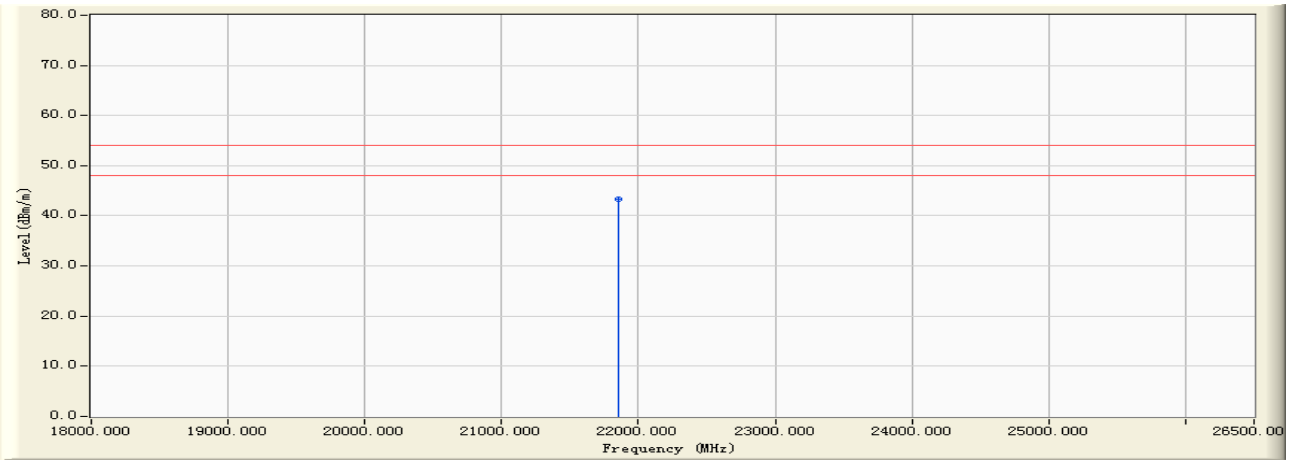


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21854.000	8.348	52.340	60.688	-13.312	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:28**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmit by BT(GFSK) 2480M**

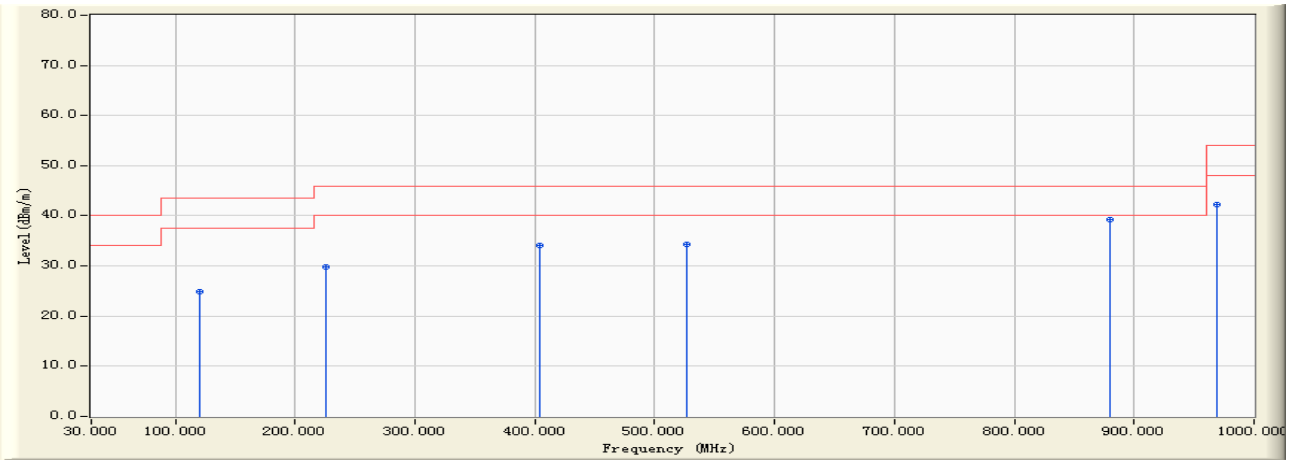


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21854.000	8.348	34.950	43.298	-10.702	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

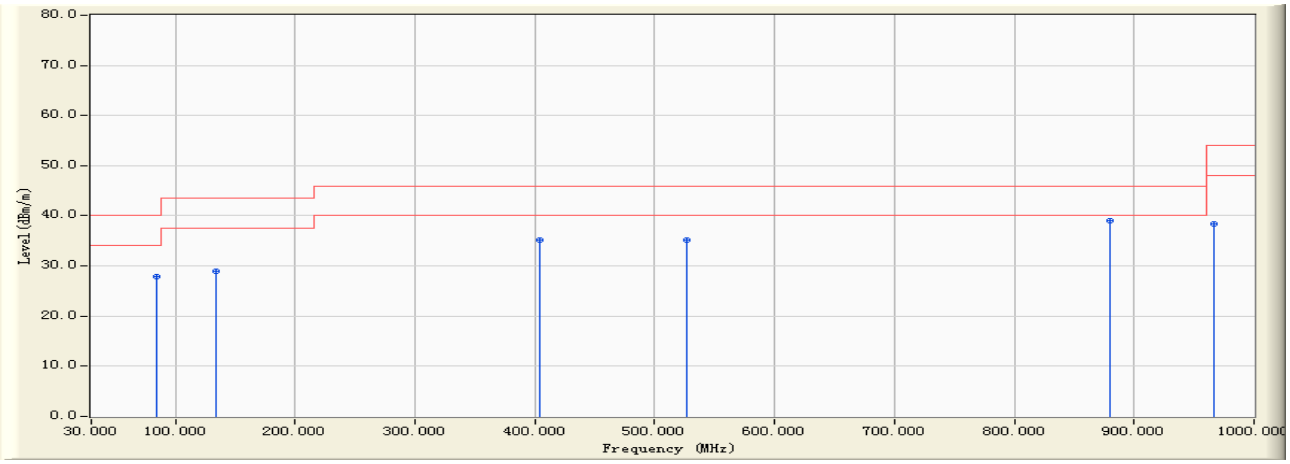


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.580	-13.592	38.573	24.981	-18.519	43.500	QUASIPEAK
2		225.680	-13.850	43.570	29.720	-16.280	46.000	QUASIPEAK
3		403.520	-7.469	41.580	34.111	-11.889	46.000	QUASIPEAK
4		526.930	-4.284	38.540	34.256	-11.744	46.000	QUASIPEAK
5	*	879.530	2.577	36.570	39.148	-6.852	46.000	QUASIPEAK
6		968.540	3.761	38.540	42.301	-11.699	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:07**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

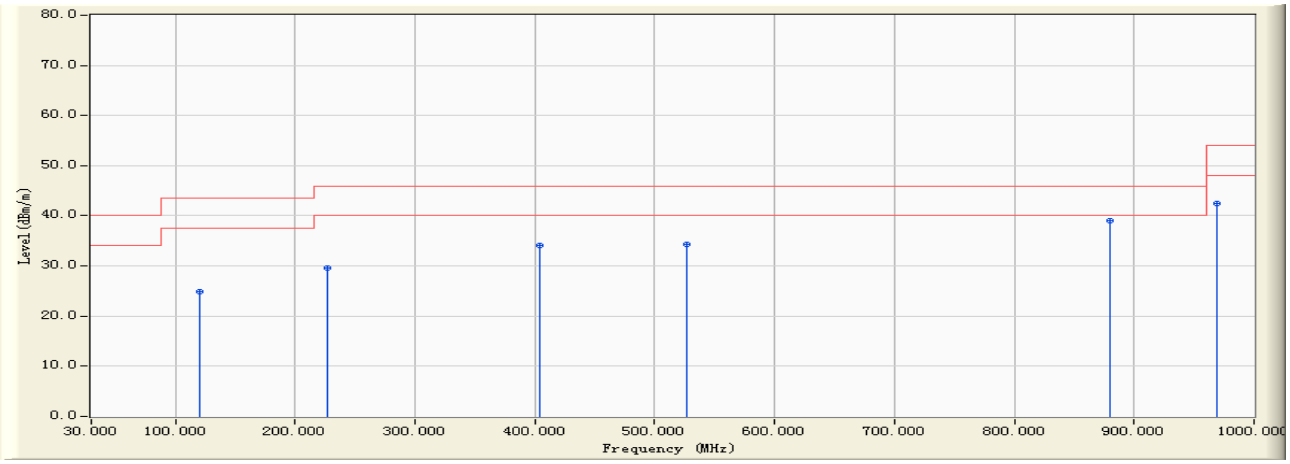


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		84.560	-15.224	43.210	27.987	-12.013	40.000	QUASIPEAK
2		134.630	-14.614	43.520	28.906	-14.594	43.500	QUASIPEAK
3		403.520	-7.469	42.580	35.111	-10.889	46.000	QUASIPEAK
4		526.360	-4.294	39.540	35.246	-10.754	46.000	QUASIPEAK
5	*	879.530	2.577	36.520	39.098	-6.902	46.000	QUASIPEAK
6		966.360	3.711	34.590	38.301	-15.699	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:08**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

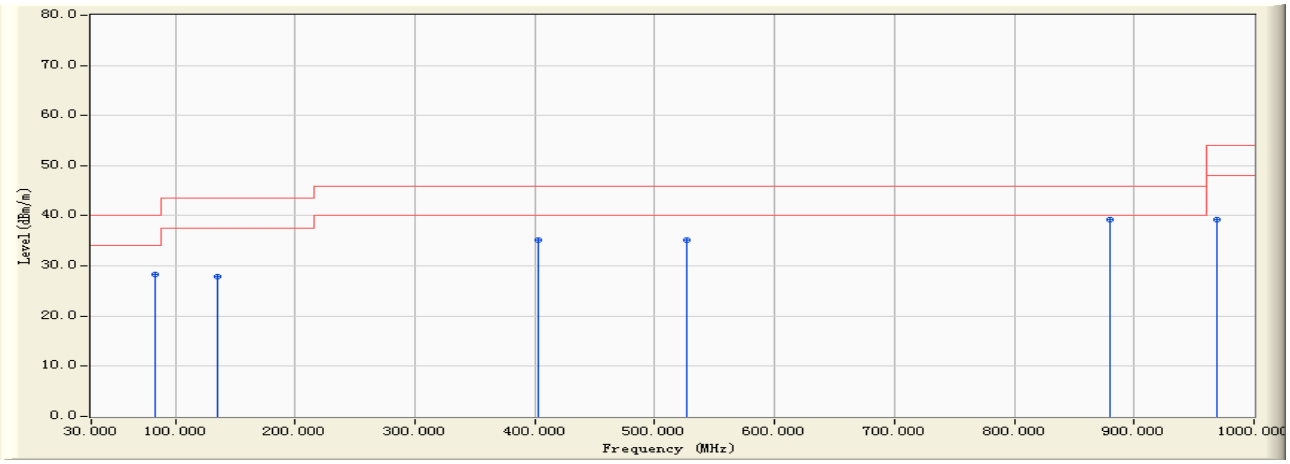


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	38.520	24.931	-18.569	43.500	QUASIPEAK
2		226.360	-13.821	43.510	29.689	-16.311	46.000	QUASIPEAK
3		403.510	-7.469	41.580	34.111	-11.889	46.000	QUASIPEAK
4		526.360	-4.294	38.540	34.246	-11.754	46.000	QUASIPEAK
5	*	879.520	2.577	36.510	39.087	-6.913	46.000	QUASIPEAK
6		968.520	3.761	38.630	42.391	-11.609	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:09**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

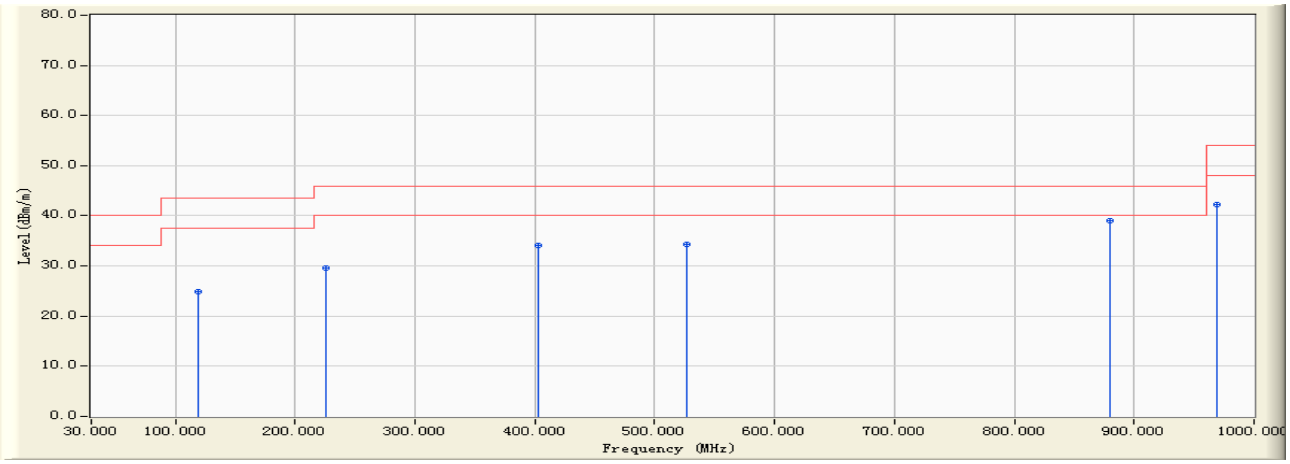


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		83.630	-15.277	43.520	28.243	-11.757	40.000	QUASIPEAK
2		135.620	-14.680	42.590	27.910	-15.590	43.500	QUASIPEAK
3		402.630	-7.493	42.590	35.097	-10.903	46.000	QUASIPEAK
4		526.960	-4.284	39.520	35.236	-10.764	46.000	QUASIPEAK
5	*	879.560	2.579	36.580	39.159	-6.841	46.000	QUASIPEAK
6		968.520	3.761	35.410	39.171	-14.829	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:09**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

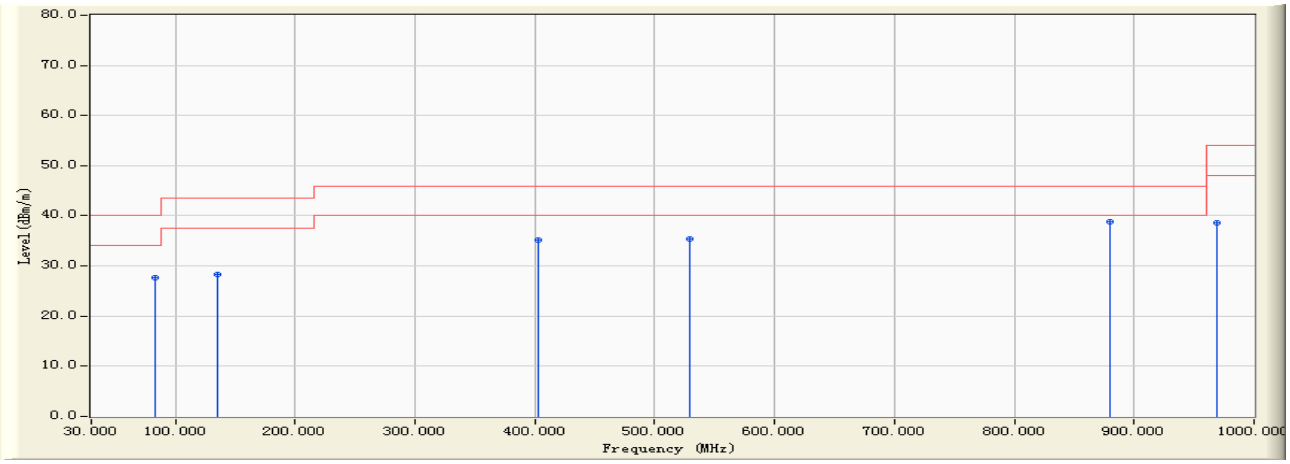


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		119.630	-13.568	38.520	24.952	-18.548	43.500	QUASIPEAK
2		225.640	-13.852	43.510	29.658	-16.342	46.000	QUASIPEAK
3		402.560	-7.495	41.580	34.085	-11.915	46.000	QUASIPEAK
4		526.360	-4.294	38.590	34.296	-11.704	46.000	QUASIPEAK
5	*	879.350	2.571	36.520	39.091	-6.909	46.000	QUASIPEAK
6		968.530	3.761	38.510	42.271	-11.729	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 17:10**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

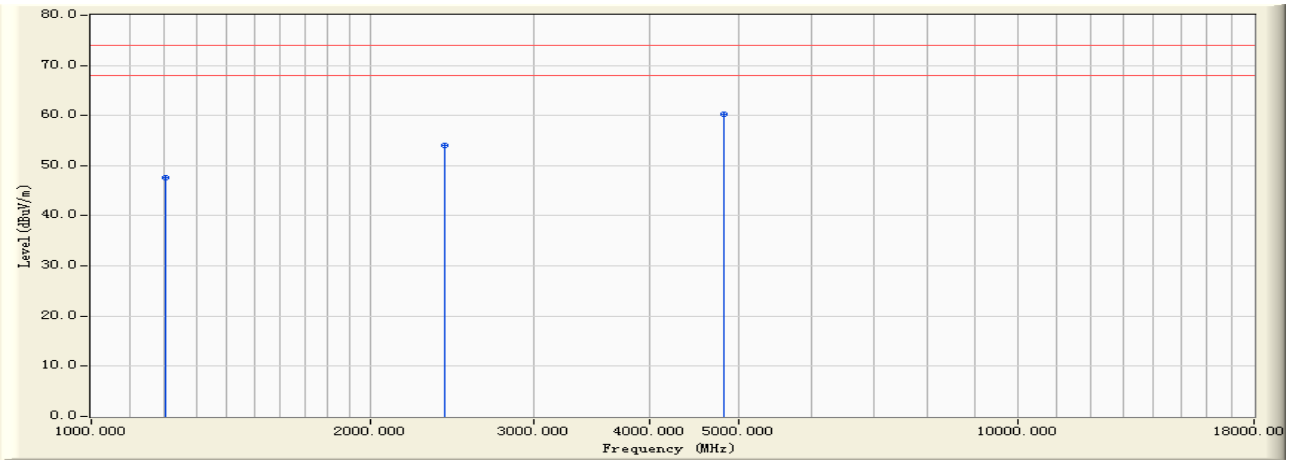


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		83.650	-15.276	42.950	27.674	-12.326	40.000	QUASIPEAK
2		135.630	-14.681	42.980	28.299	-15.201	43.500	QUASIPEAK
3		403.260	-7.476	42.580	35.104	-10.896	46.000	QUASIPEAK
4		529.630	-4.228	39.620	35.391	-10.609	46.000	QUASIPEAK
5	*	879.520	2.577	36.240	38.817	-7.183	46.000	QUASIPEAK
6		968.520	3.761	34.850	38.611	-15.389	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:28**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

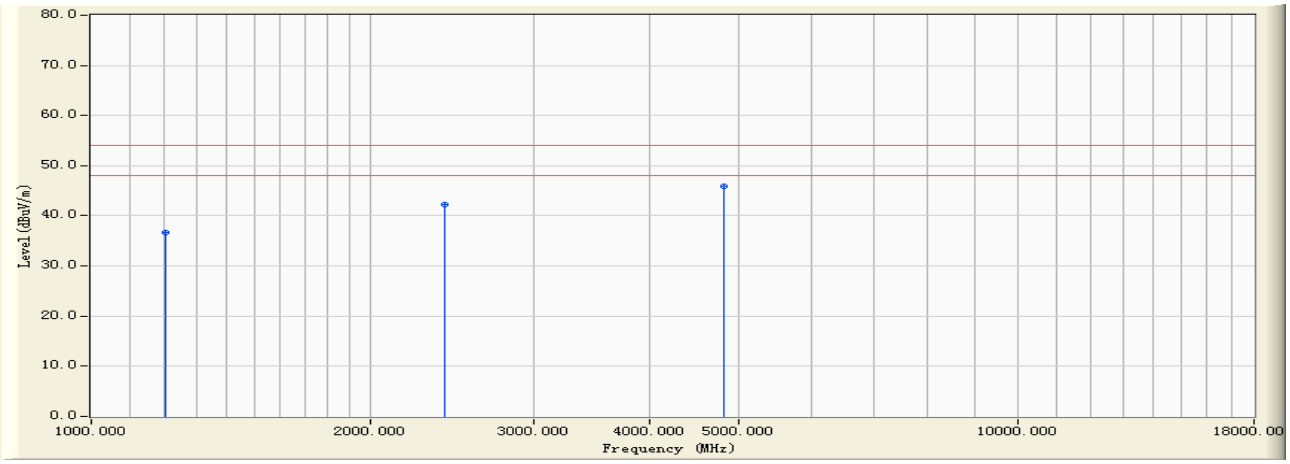


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1202.360	-5.931	53.540	47.609	-26.391	74.000	PEAK
2		2403.630	0.400	53.680	54.080	-19.920	74.000	PEAK
3	*	4825.680	7.352	52.840	60.191	-13.809	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:28**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

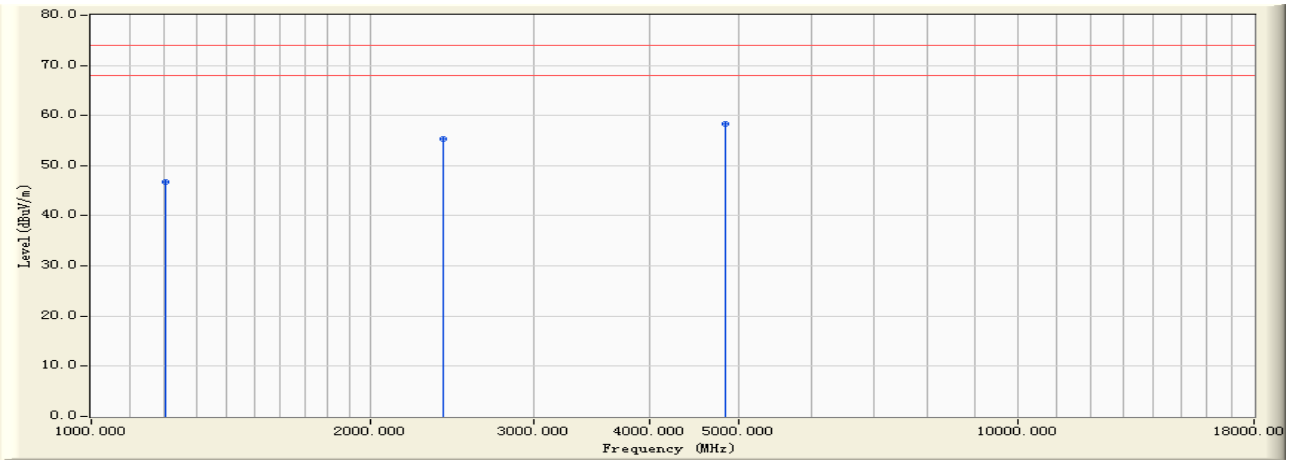


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1202.360	-5.931	42.580	36.649	-17.351	54.000	AVERAGE
2		2403.630	0.400	41.890	42.290	-11.710	54.000	AVERAGE
3	*	4825.680	7.352	38.570	45.921	-8.079	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:29**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

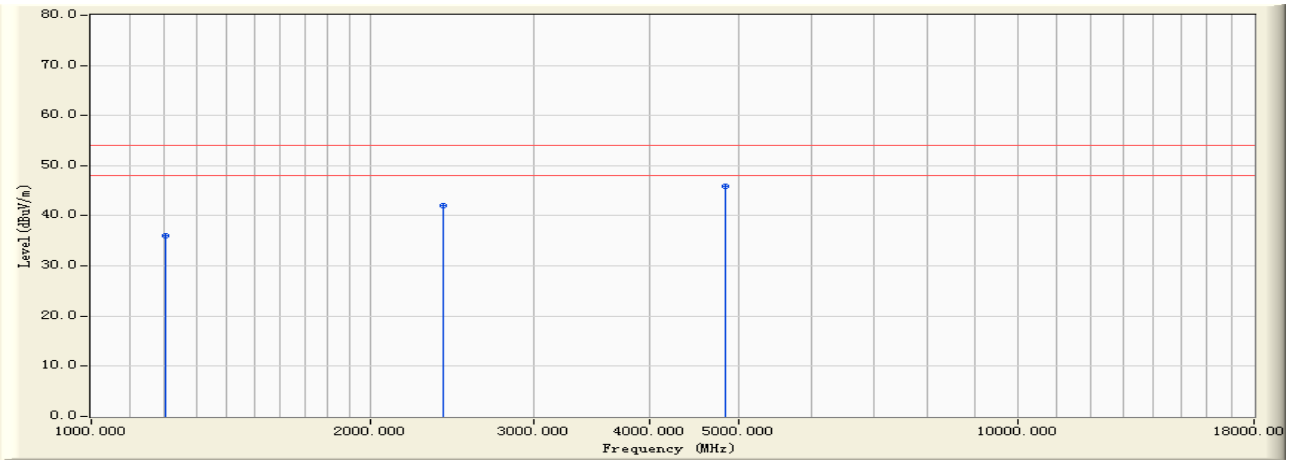


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1204.570	-5.912	52.680	46.767	-27.233	74.000	PEAK
2		2402.510	0.396	54.850	55.246	-18.754	74.000	PEAK
3	*	4836.510	7.373	50.870	58.243	-15.757	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:29**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

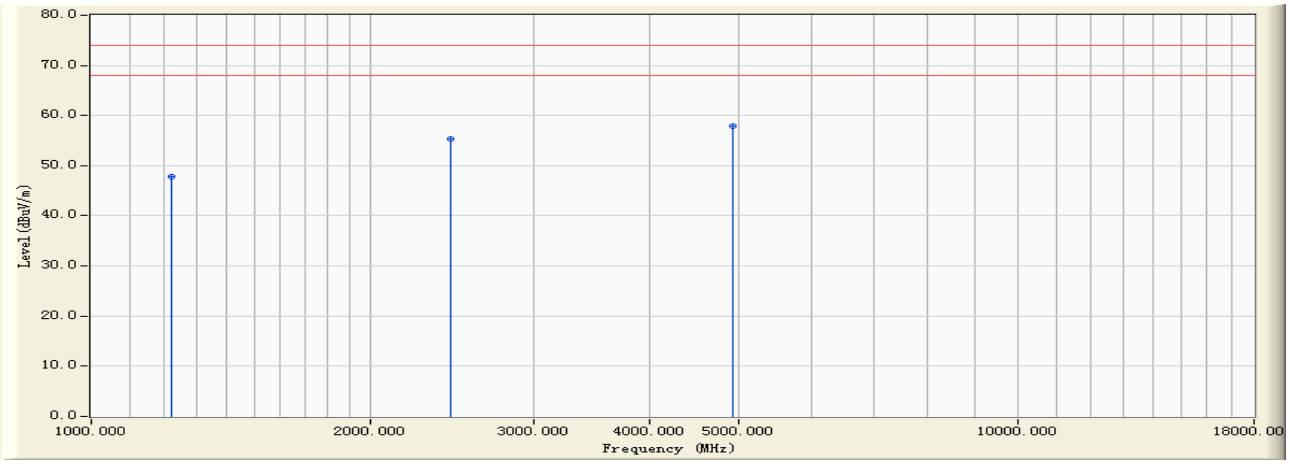


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1204.570	-5.912	41.860	35.947	-18.053	54.000	AVERAGE
2		2402.510	0.396	41.570	41.966	-12.034	54.000	AVERAGE
3	*	4836.510	7.373	38.570	45.943	-8.057	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:31**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

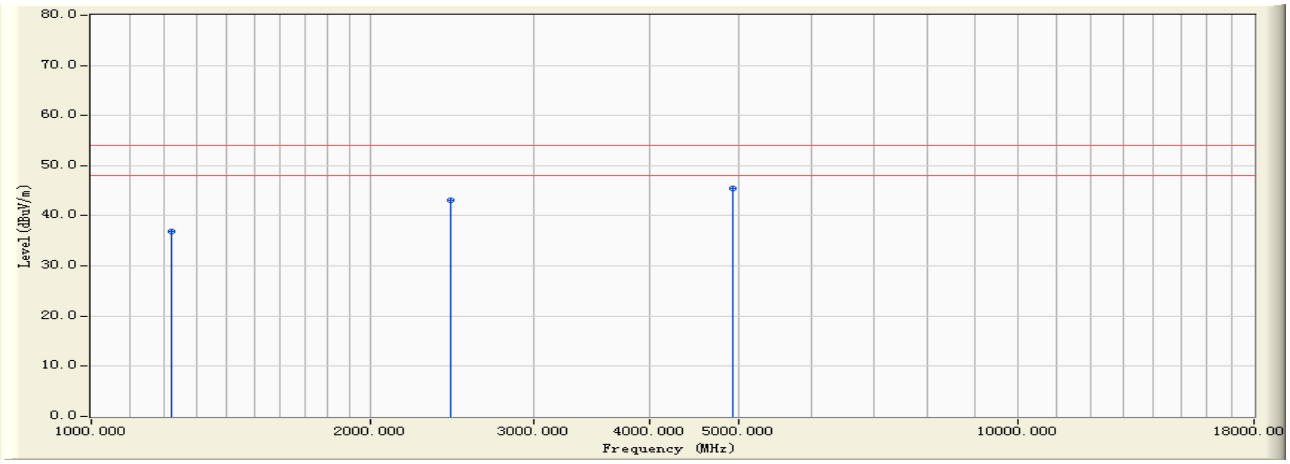


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.300	-5.759	53.650	47.891	-26.109	74.000	PEAK
2		2441.360	0.522	54.890	55.412	-18.588	74.000	PEAK
3	*	4928.510	7.575	50.240	57.815	-16.185	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:31**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

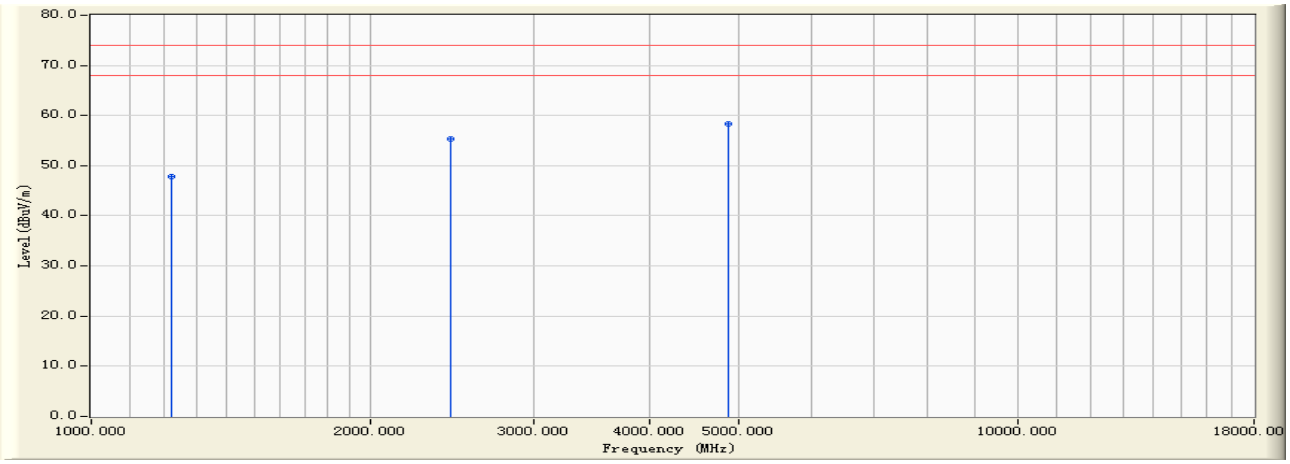


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.300	-5.759	42.560	36.801	-17.199	54.000	AVERAGE
2		2441.360	0.522	42.583	43.105	-10.895	54.000	AVERAGE
3	*	4928.510	7.575	37.850	45.425	-8.575	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:32**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

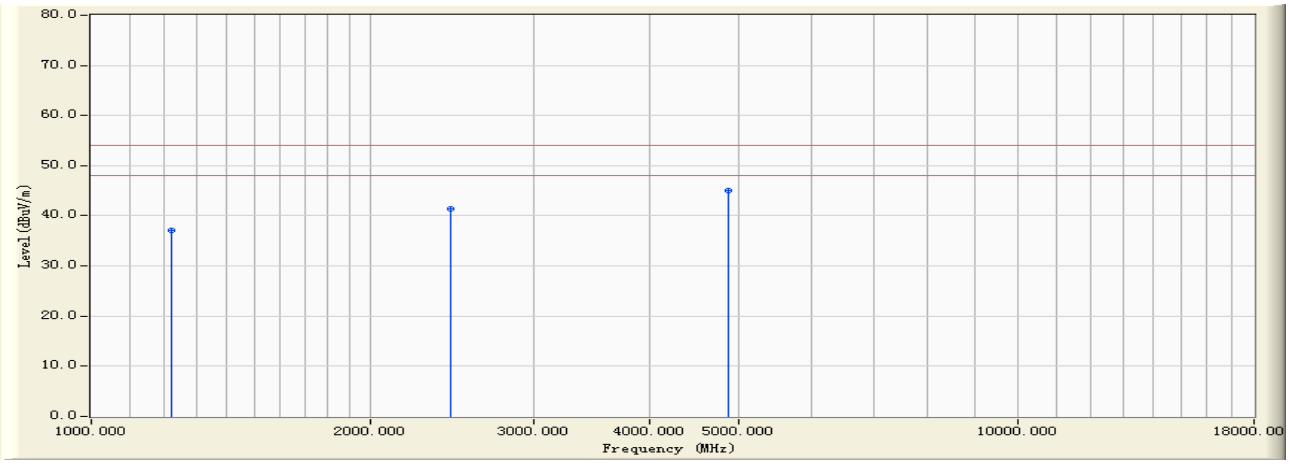


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.300	-5.759	53.540	47.781	-26.219	74.000	PEAK
2		2441.540	0.523	54.870	55.393	-18.607	74.000	PEAK
3	*	4865.370	7.439	50.890	58.330	-15.670	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:32**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

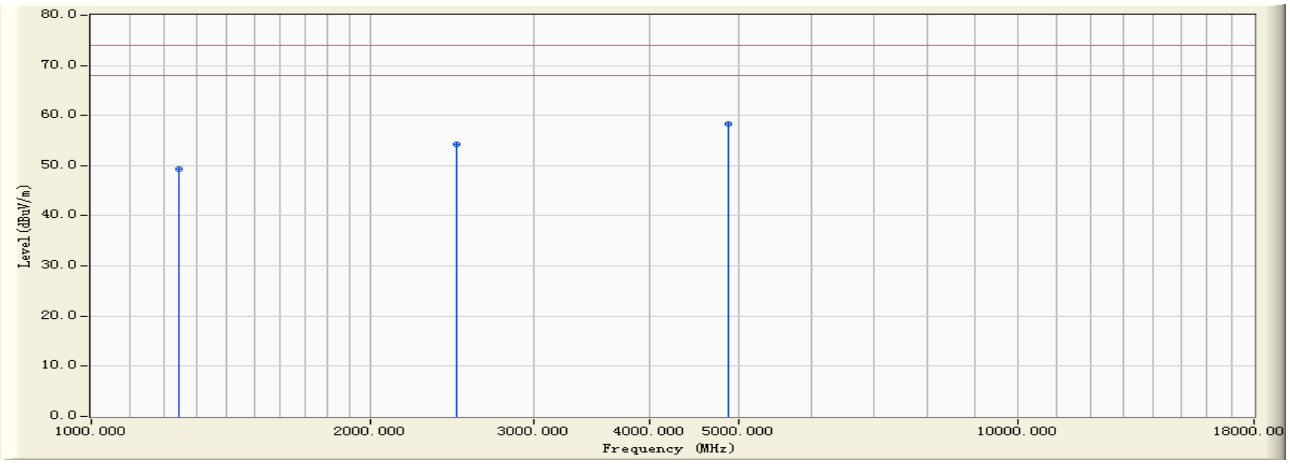


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1219.300	-5.759	42.850	37.091	-16.909	54.000	AVERAGE
2		2441.540	0.523	40.870	41.393	-12.607	54.000	AVERAGE
3	*	4865.370	7.439	37.540	44.980	-9.020	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:33**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

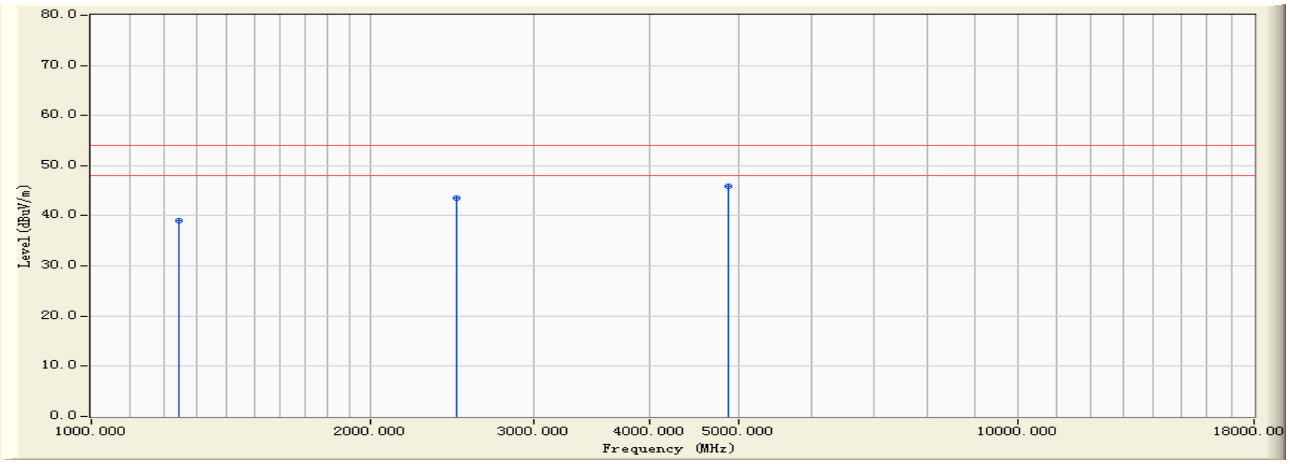


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1241.610	-5.511	54.860	49.349	-24.651	74.000	PEAK
2		2480.360	0.662	53.520	54.182	-19.818	74.000	PEAK
3	*	4867.520	7.444	50.840	58.284	-15.716	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:33**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

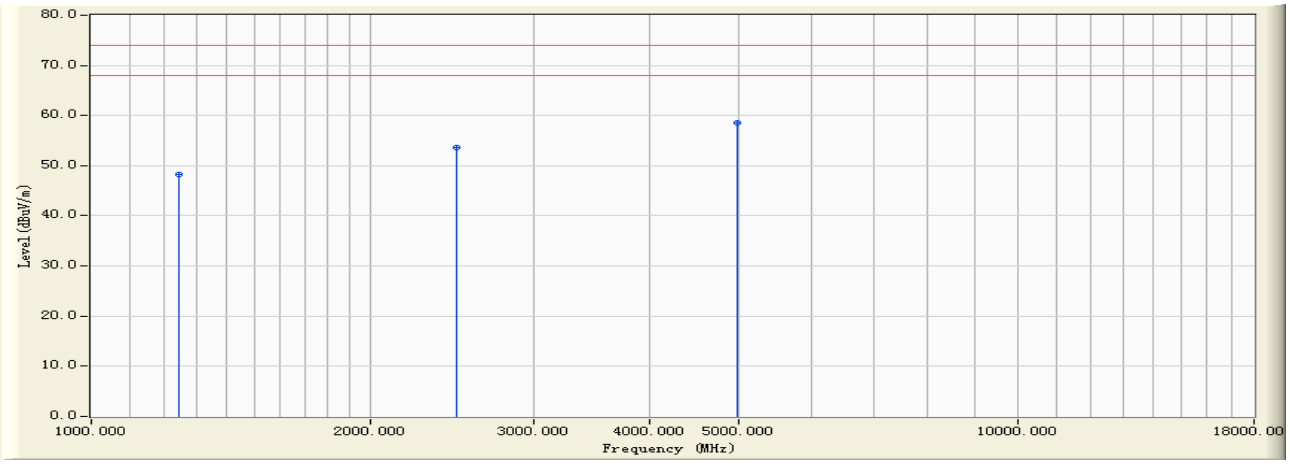


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1241.610	-5.511	44.580	39.069	-14.931	54.000	AVERAGE
2		2480.360	0.662	42.870	43.532	-10.468	54.000	AVERAGE
3	*	4867.520	7.444	38.510	45.954	-8.046	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:34**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

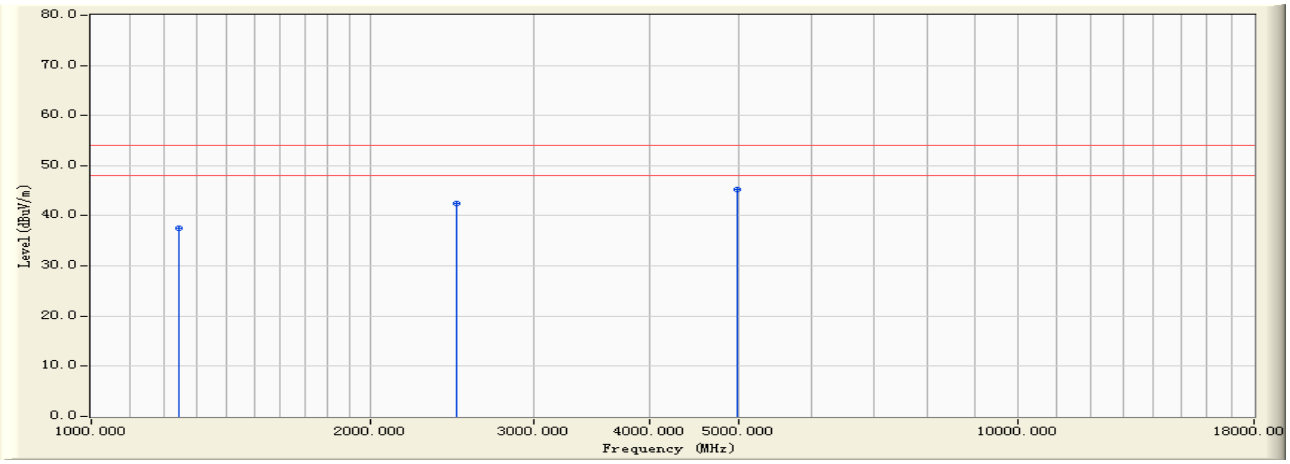


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1243.580	-5.490	53.840	48.350	-25.650	74.000	PEAK
2		2480.570	0.663	52.890	53.553	-20.447	74.000	PEAK
3	*	4986.350	7.699	50.810	58.509	-15.491	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:34**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

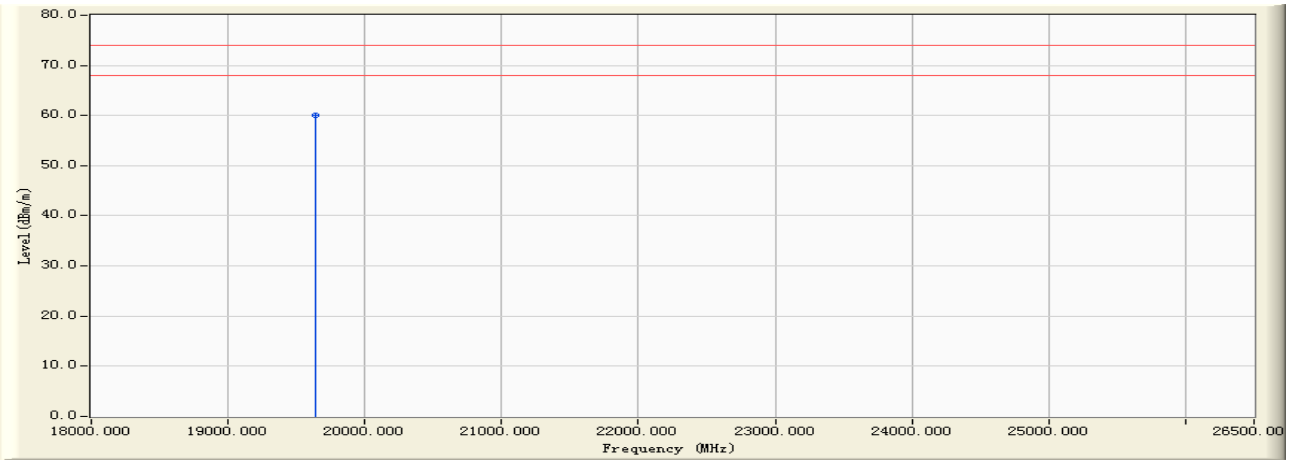


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1243.580	-5.490	42.950	37.460	-16.540	54.000	AVERAGE
2		2480.570	0.663	41.840	42.503	-11.497	54.000	AVERAGE
3	*	4986.350	7.699	37.540	45.239	-8.761	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

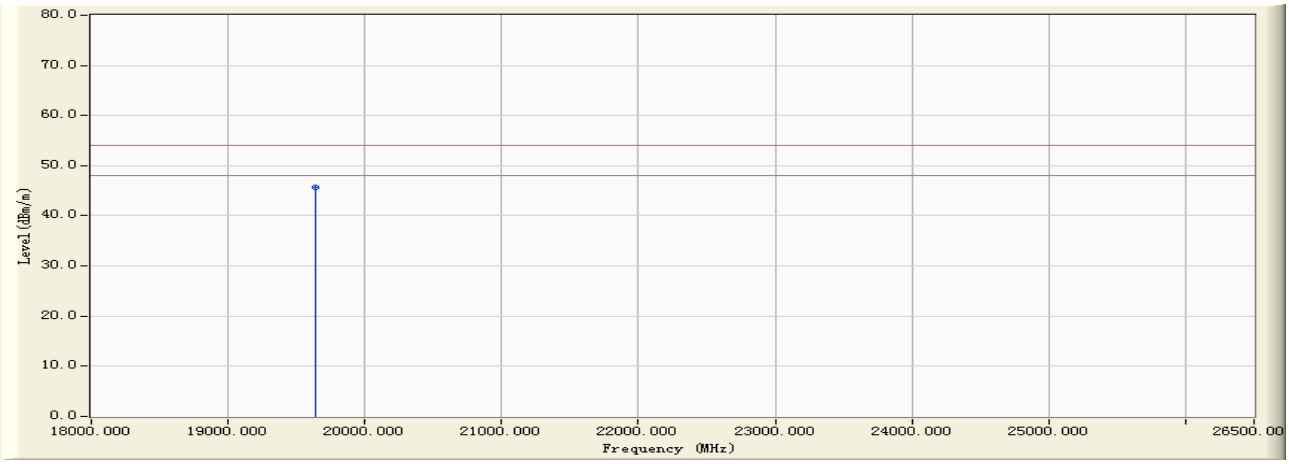


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19635.300	7.127	52.840	59.967	-14.033	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:19**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

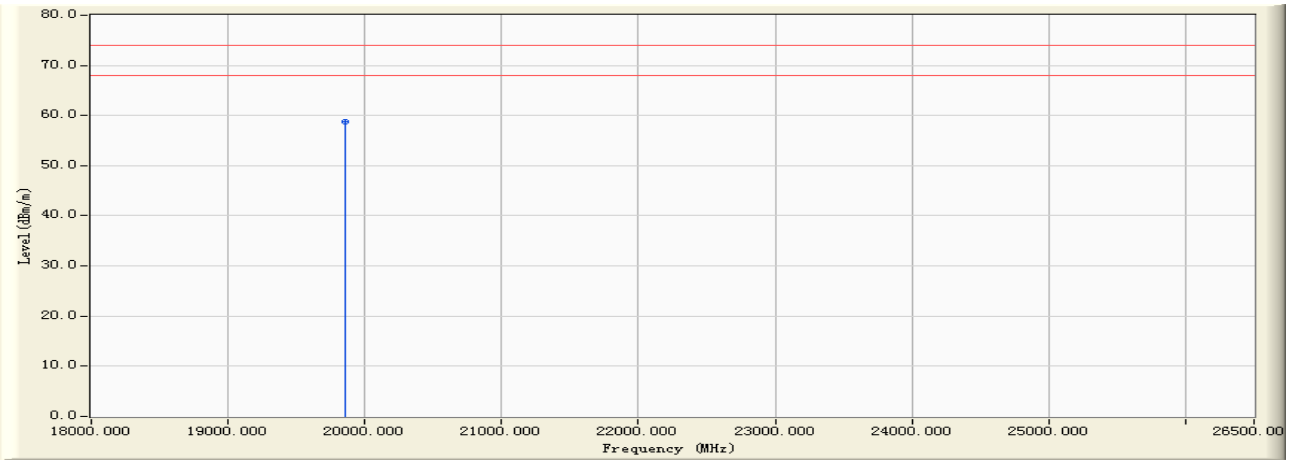


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19635.300	7.127	38.570	45.697	-8.303	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:20**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

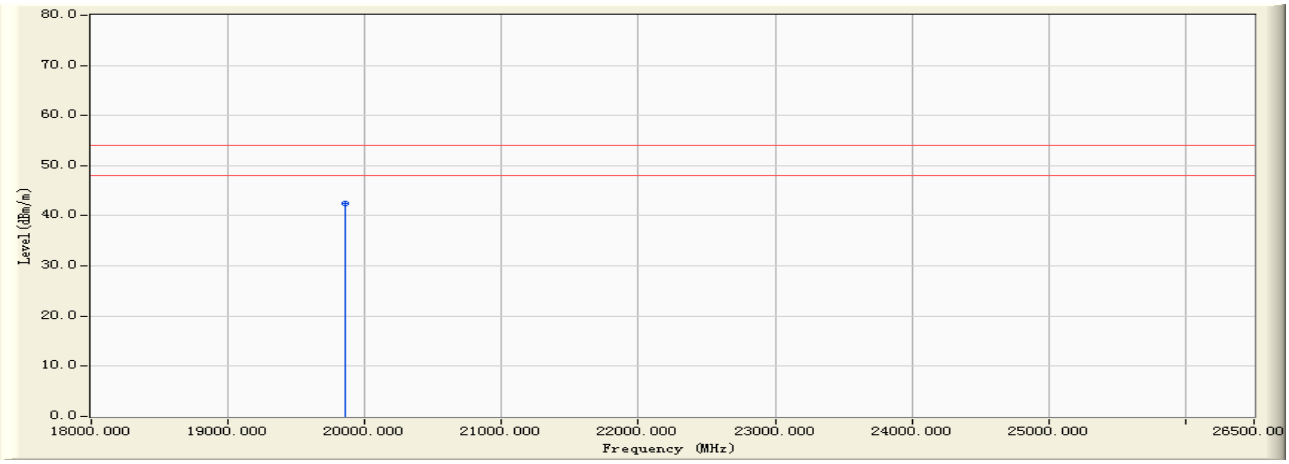


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19853.000	7.939	50.840	58.779	-15.221	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:20**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2402M**

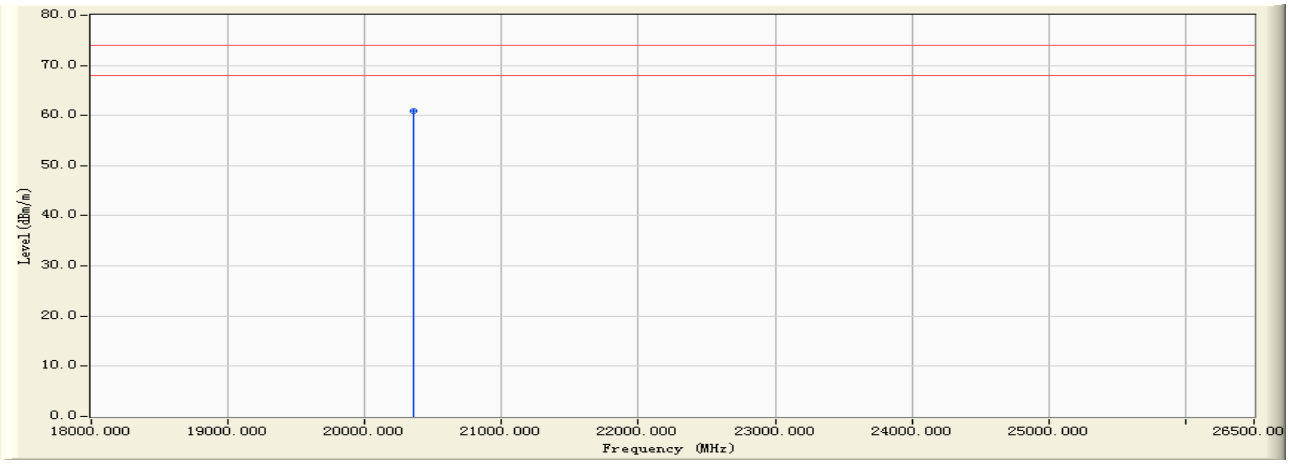


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19853.000	7.939	34.580	42.519	-11.481	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:21**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

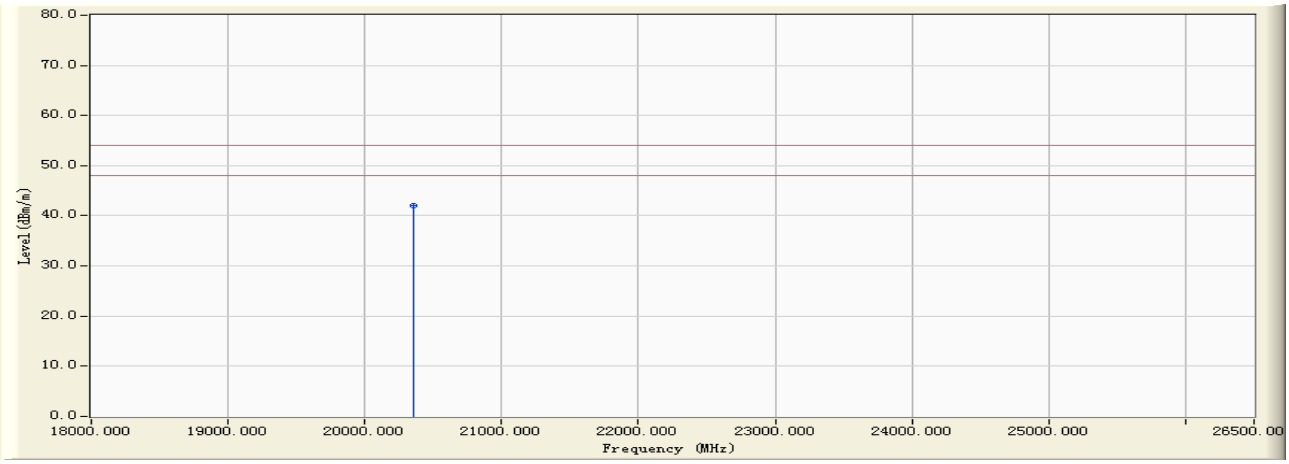


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20354.000	7.371	53.540	60.911	-13.089	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:21**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

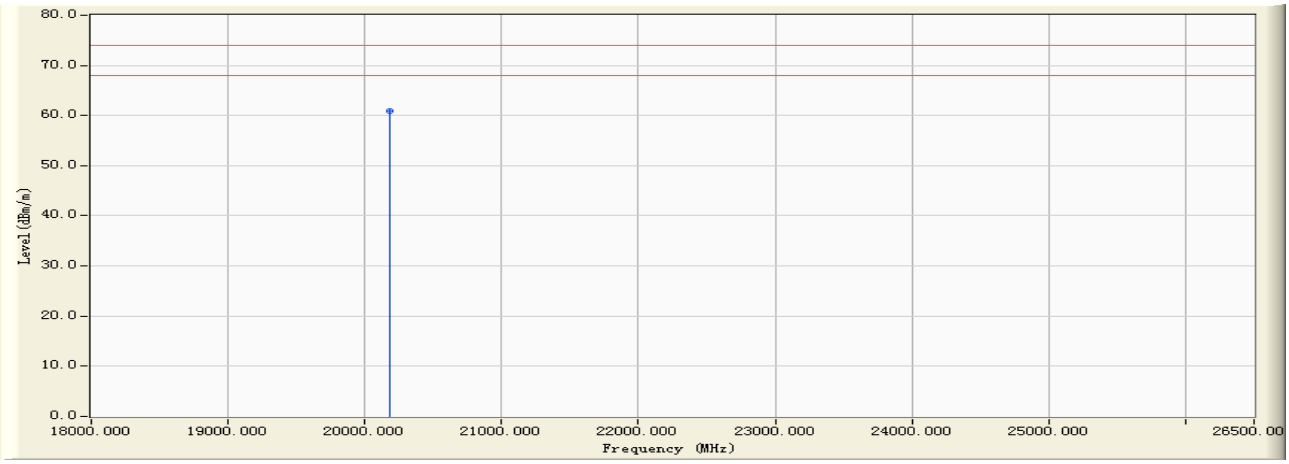


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20354.000	7.371	34.580	41.951	-12.049	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:22**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

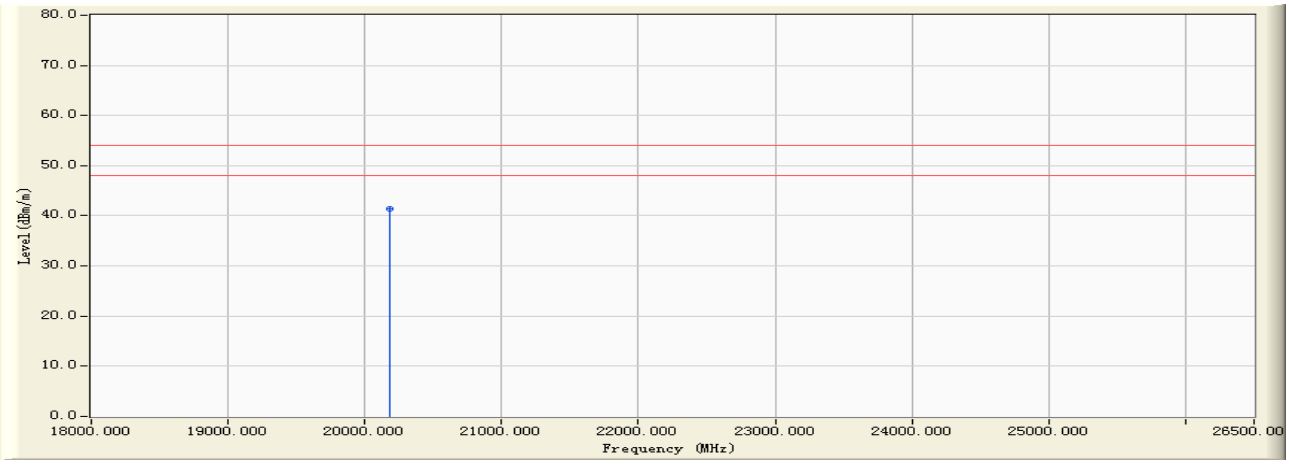


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20187.000	7.866	52.980	60.846	-13.154	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:22**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2441M**

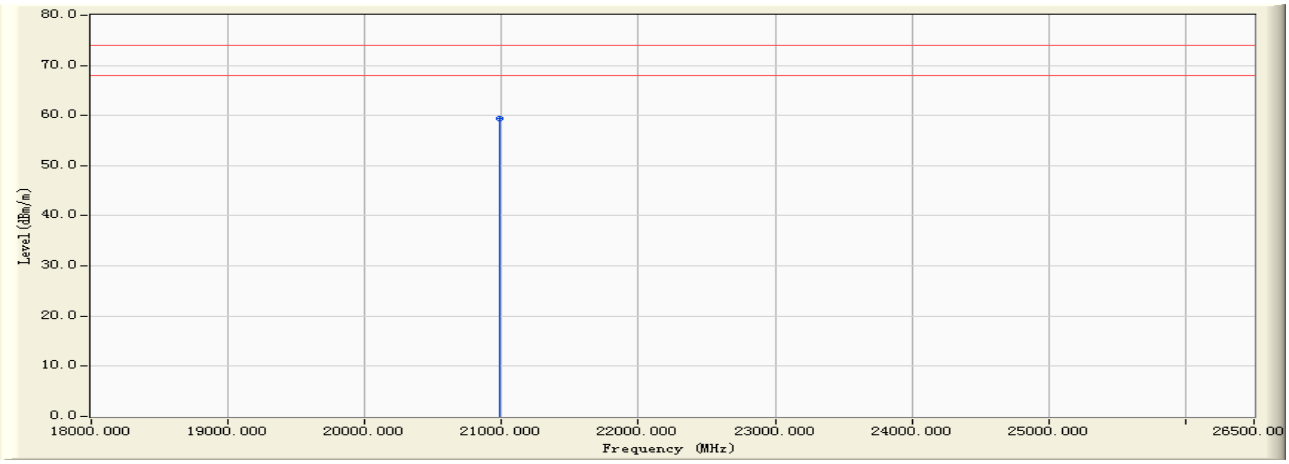


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20187.000	7.866	33.580	41.446	-12.554	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:22**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

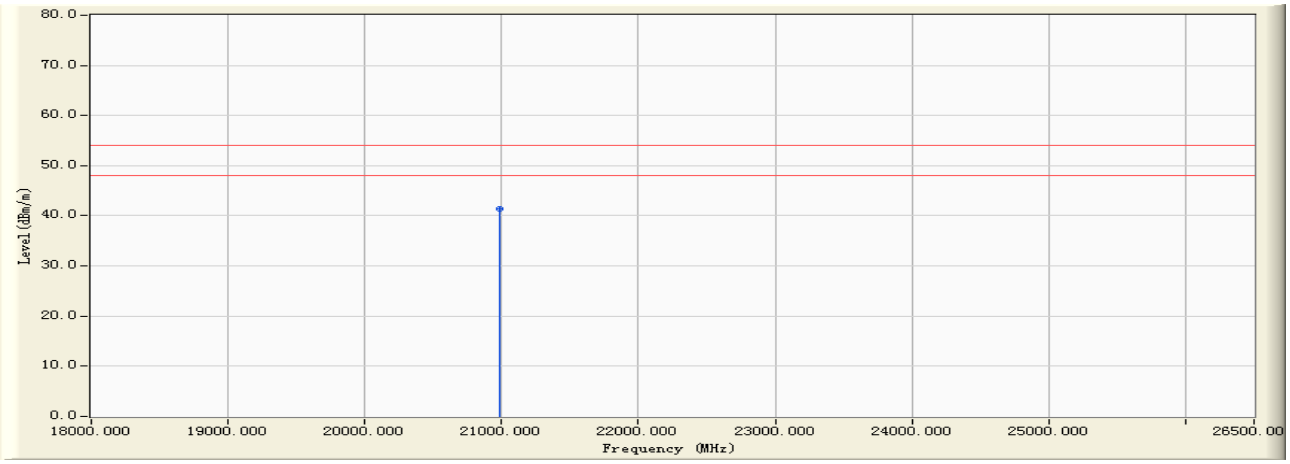


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20986.000	6.817	52.670	59.487	-14.513	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:22**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

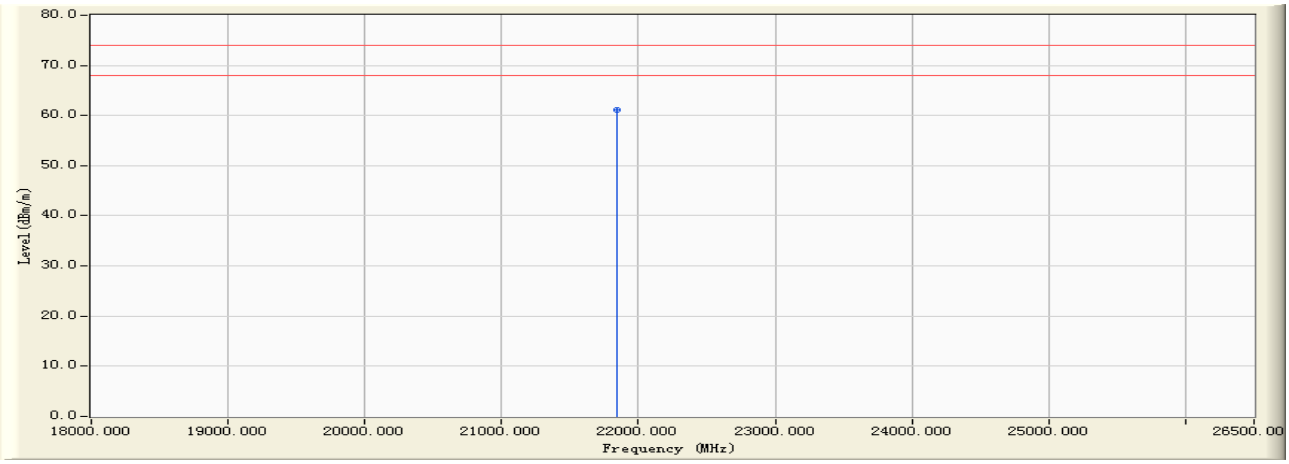


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20986.000	6.817	34.570	41.387	-12.613	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:23**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

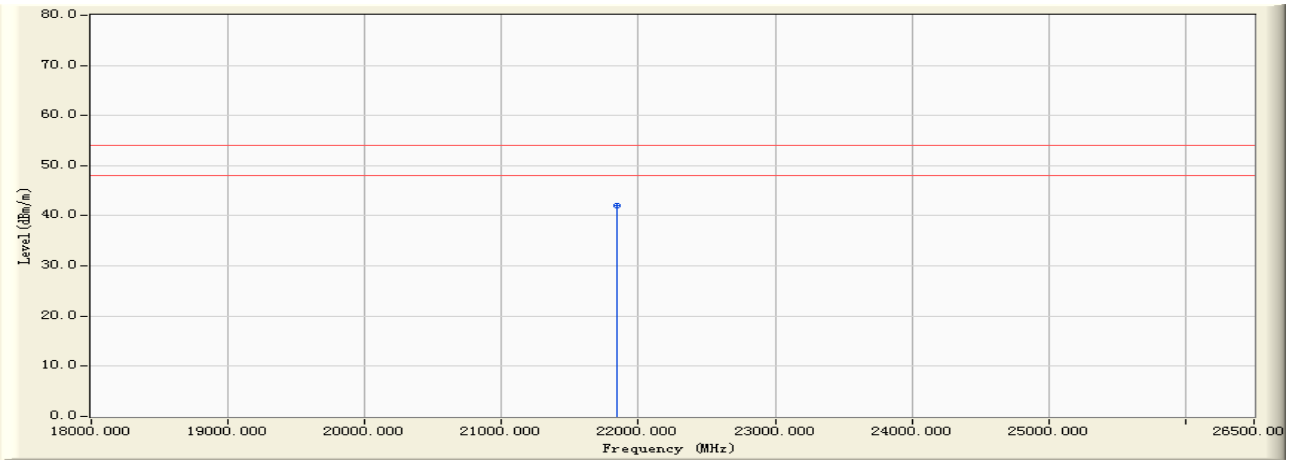


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21846.000	8.322	52.840	61.162	-12.838	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:23**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmit by BT(8DPSK) 2480M**

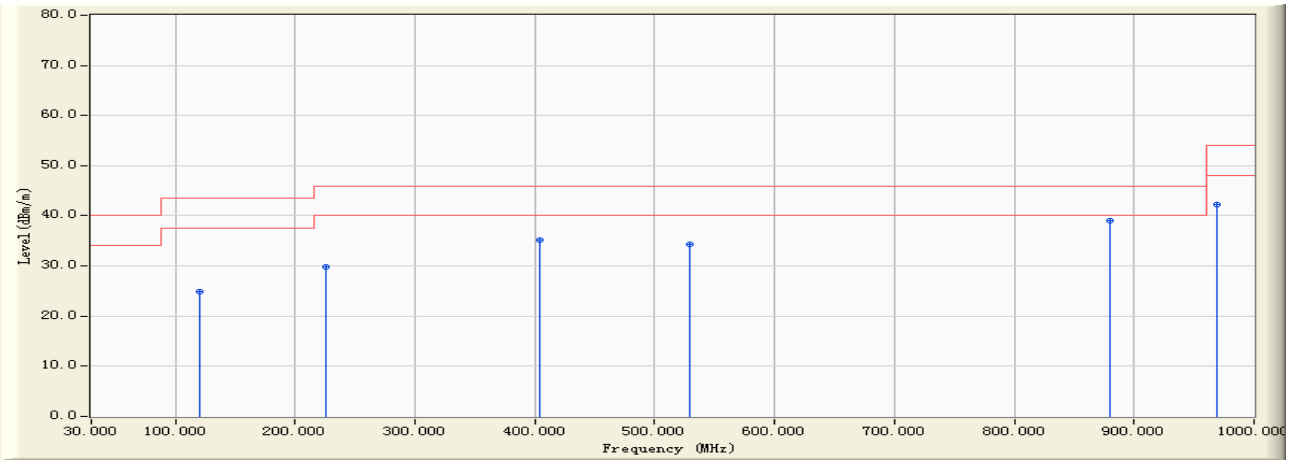


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21846.000	8.322	33.670	41.992	-12.008	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:55**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

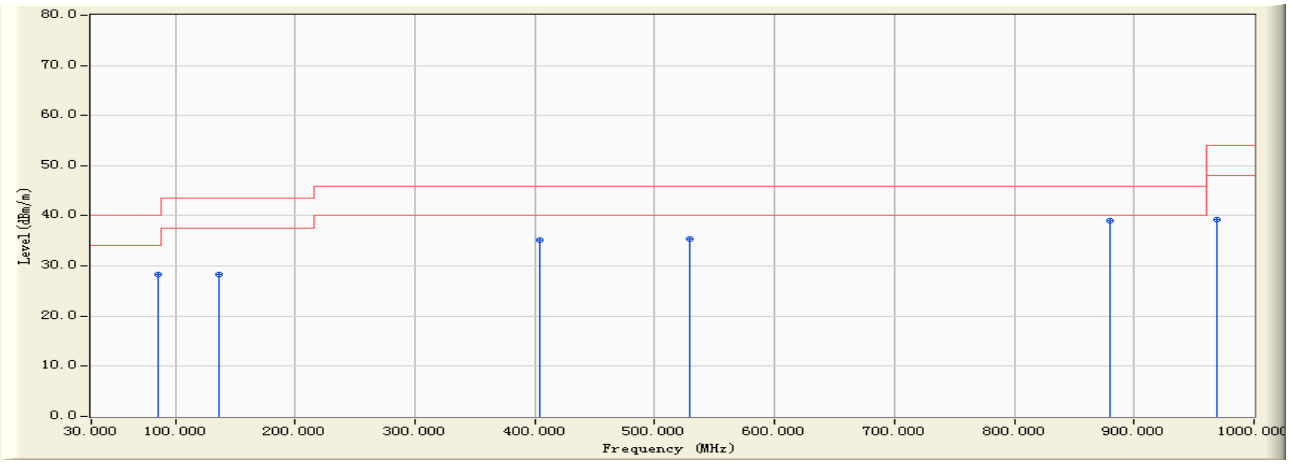


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	38.560	24.971	-18.529	43.500	QUASIPEAK
2		225.630	-13.853	43.580	29.727	-16.273	46.000	QUASIPEAK
3		403.560	-7.468	42.580	35.112	-10.888	46.000	QUASIPEAK
4		528.630	-4.255	38.570	34.315	-11.685	46.000	QUASIPEAK
5	*	879.690	2.583	36.510	39.093	-6.907	46.000	QUASIPEAK
6		968.520	3.761	38.570	42.331	-11.669	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

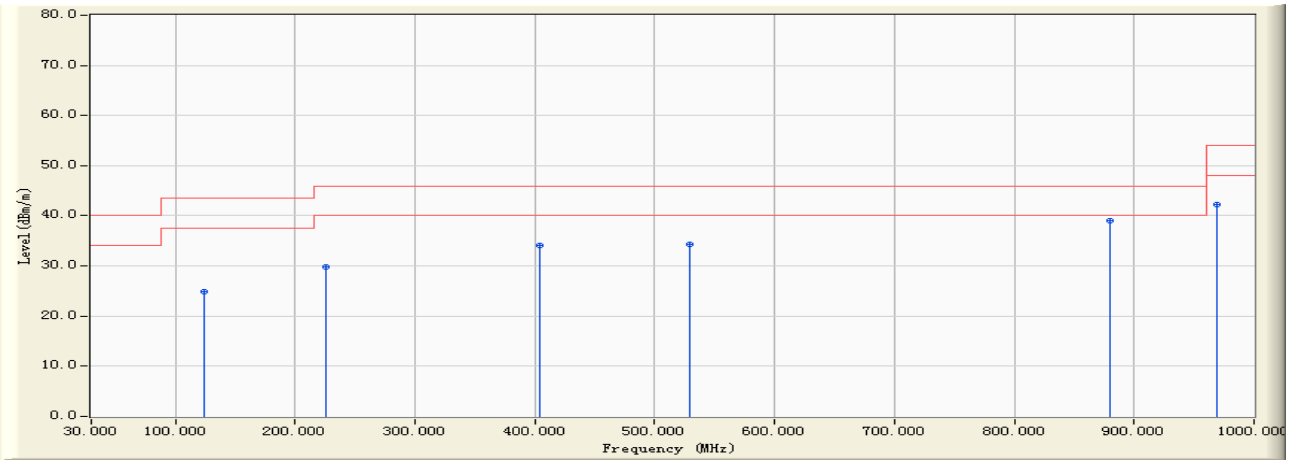


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		85.620	-15.170	43.520	28.351	-11.649	40.000	QUASIPEAK
2		135.960	-14.704	43.020	28.317	-15.183	43.500	QUASIPEAK
3		403.510	-7.469	42.570	35.101	-10.899	46.000	QUASIPEAK
4		528.950	-4.246	39.540	35.294	-10.706	46.000	QUASIPEAK
5	*	879.630	2.581	36.540	39.121	-6.879	46.000	QUASIPEAK
6		968.560	3.762	35.573	39.335	-14.665	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:56**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

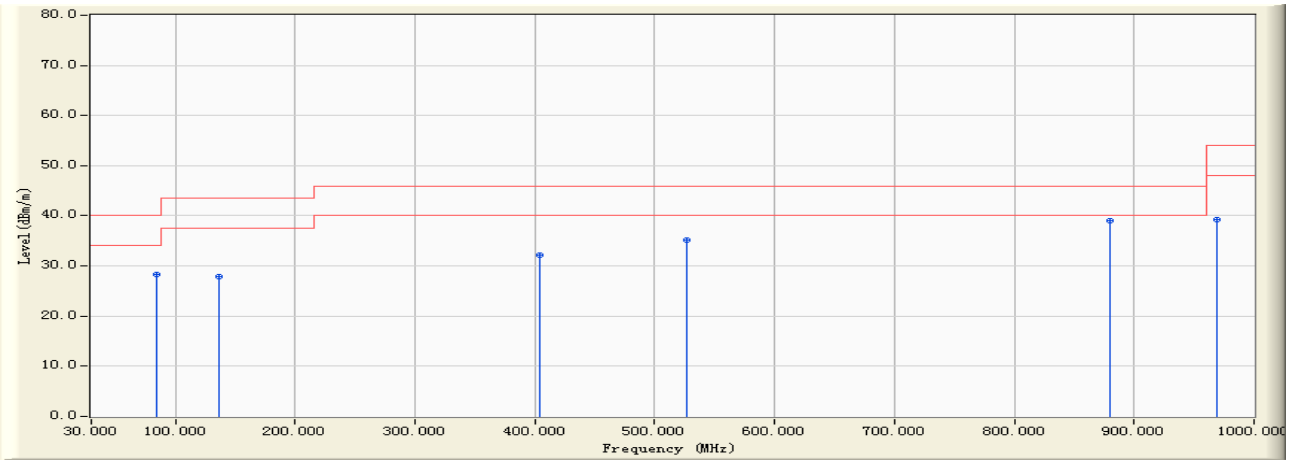


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		123.630	-13.694	38.640	24.946	-18.554	43.500	QUASIPEAK
2		225.940	-13.834	43.570	29.736	-16.264	46.000	QUASIPEAK
3		403.580	-7.467	41.570	34.103	-11.897	46.000	QUASIPEAK
4		528.960	-4.246	38.570	34.324	-11.676	46.000	QUASIPEAK
5	*	879.650	2.582	36.540	39.122	-6.878	46.000	QUASIPEAK
6		968.530	3.761	38.410	42.171	-11.829	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:57**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

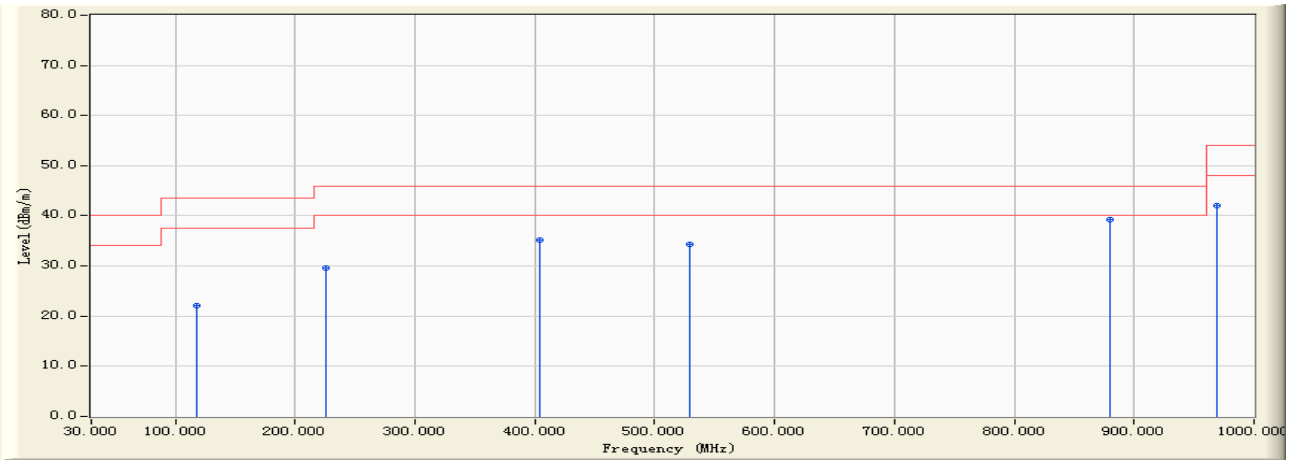


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		84.630	-15.220	43.520	28.300	-11.700	40.000	QUASIPEAK
2		135.960	-14.704	42.590	27.887	-15.613	43.500	QUASIPEAK
3		403.630	-7.466	39.620	32.154	-13.846	46.000	QUASIPEAK
4		526.360	-4.294	39.510	35.216	-10.784	46.000	QUASIPEAK
5	*	879.650	2.582	36.540	39.122	-6.878	46.000	QUASIPEAK
6		968.560	3.762	35.570	39.332	-14.668	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:58**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

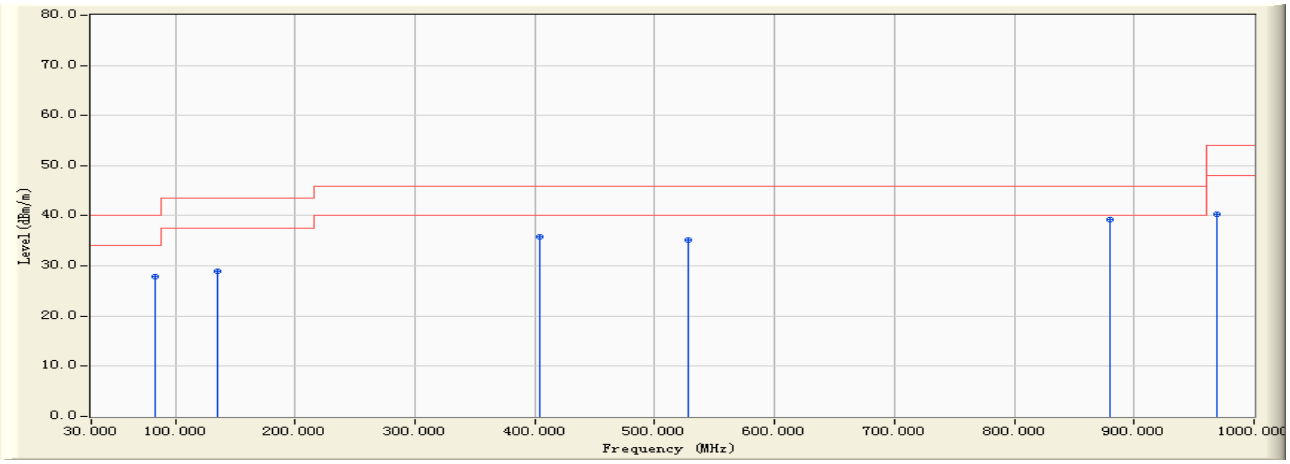


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		118.360	-13.588	35.690	22.102	-21.398	43.500	QUASIPEAK
2		225.630	-13.853	43.520	29.667	-16.333	46.000	QUASIPEAK
3		403.560	-7.468	42.587	35.119	-10.881	46.000	QUASIPEAK
4		528.640	-4.254	38.510	34.255	-11.745	46.000	QUASIPEAK
5	*	879.630	2.581	36.570	39.151	-6.849	46.000	QUASIPEAK
6		968.630	3.764	38.260	42.024	-11.976	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:59**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

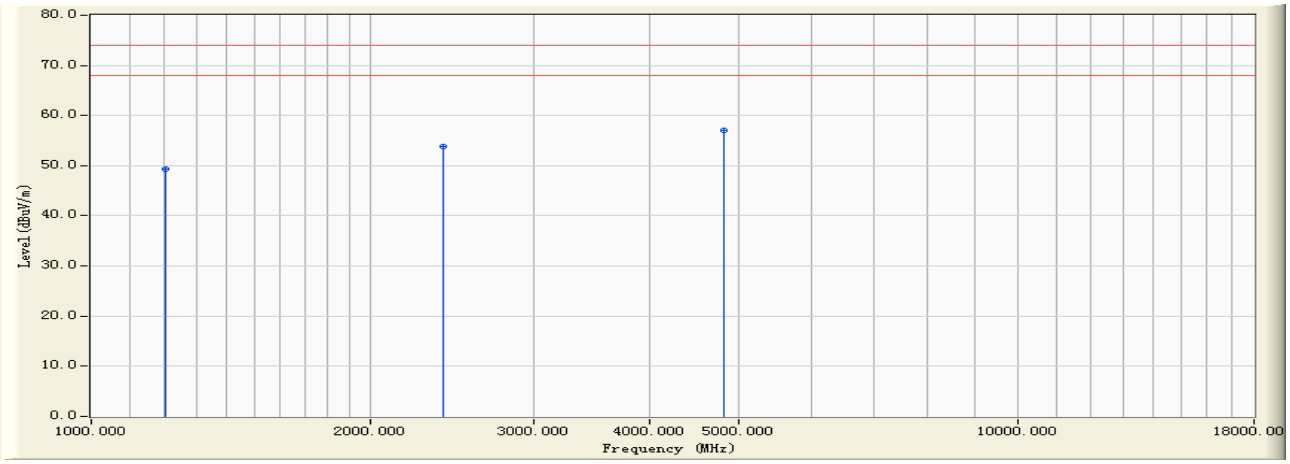


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		83.630	-15.277	43.210	27.933	-12.067	40.000	QUASIPEAK
2		135.620	-14.680	43.580	28.900	-14.600	43.500	QUASIPEAK
3		403.520	-7.469	43.250	35.781	-10.219	46.000	QUASIPEAK
4		527.890	-4.268	39.520	35.252	-10.748	46.000	QUASIPEAK
5	*	879.630	2.581	36.573	39.154	-6.846	46.000	QUASIPEAK
6		968.520	3.761	36.540	40.301	-13.699	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:10**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

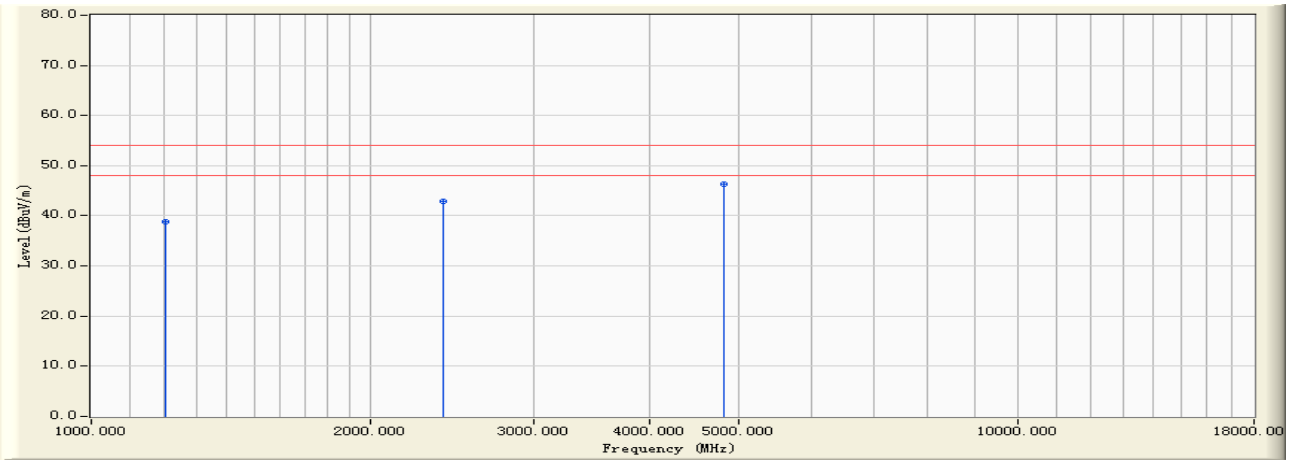


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1202.360	-5.931	55.210	49.279	-24.721	74.000	PEAK
2		2402.360	0.395	53.520	53.916	-20.084	74.000	PEAK
3	*	4826.360	7.353	49.680	57.033	-16.967	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:10**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

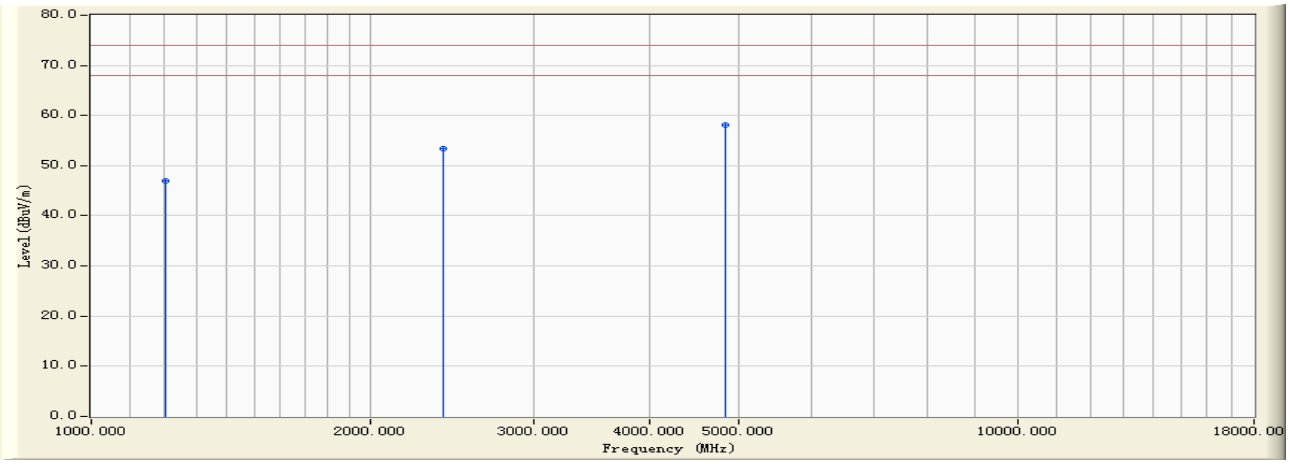


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1202.360	-5.931	44.680	38.749	-15.251	54.000	AVERAGE
2		2402.360	0.395	42.570	42.966	-11.034	54.000	AVERAGE
3	*	4826.360	7.353	38.950	46.303	-7.697	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by BT(GFSK) 2402M**

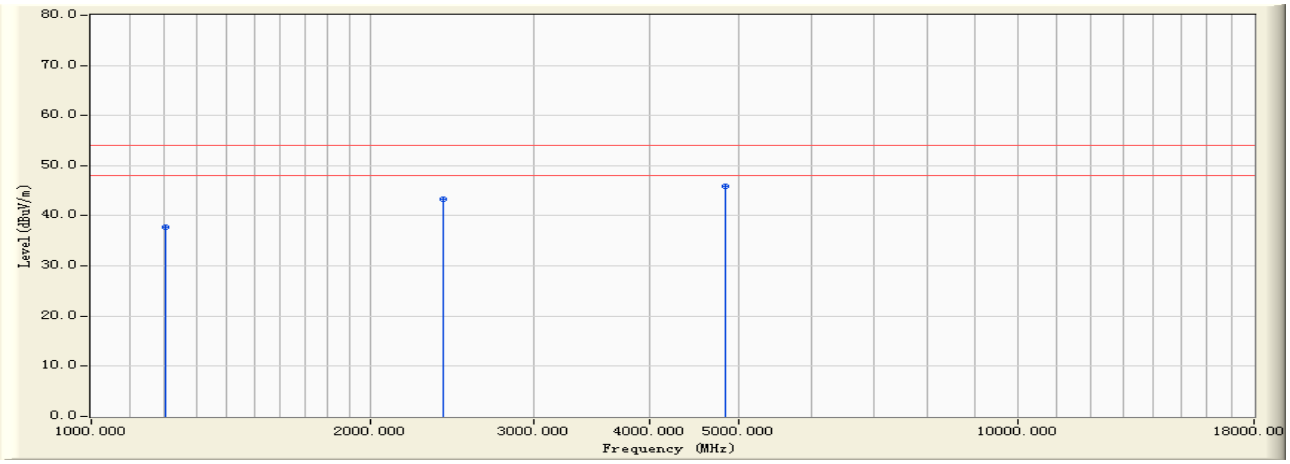


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.580	-5.922	52.890	46.968	-27.032	74.000	PEAK
2		2402.520	0.396	53.010	53.406	-20.594	74.000	PEAK
3	*	4835.630	7.372	50.840	58.211	-15.789	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:19**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: Transmit by BT(GFSK) 2402M**

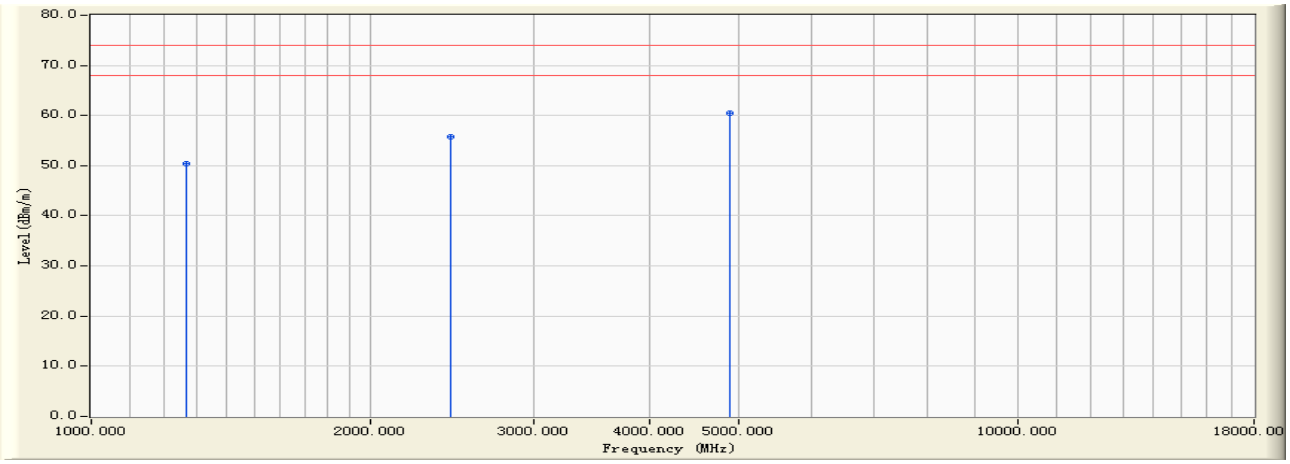


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.580	-5.922	43.630	37.708	-16.292	54.000	AVERAGE
2		2402.520	0.396	42.870	43.266	-10.734	54.000	AVERAGE
3	*	4835.630	7.372	38.570	45.941	-8.059	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:40**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

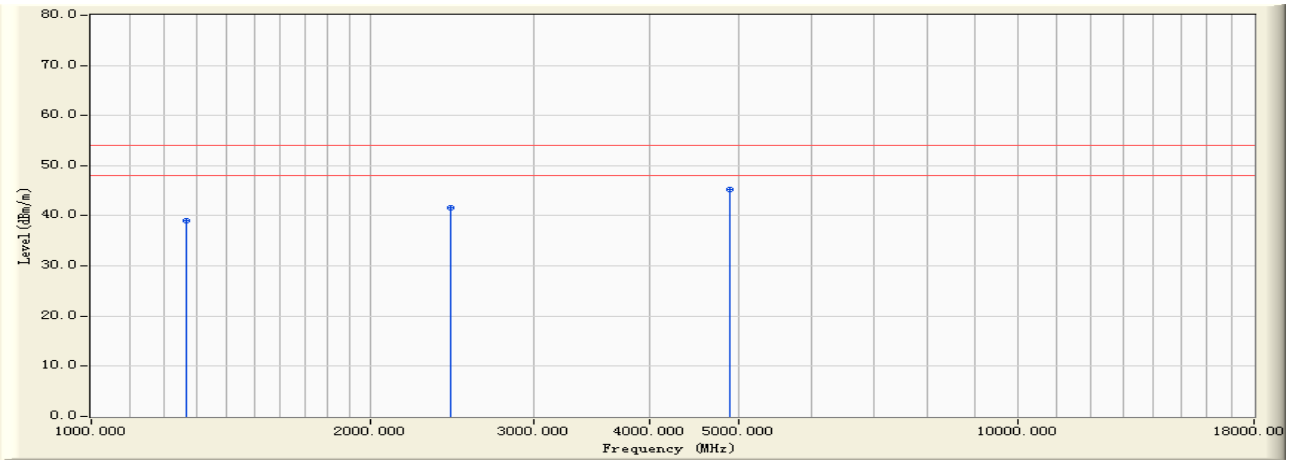


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1265.300	-4.436	54.850	50.414	-23.586	74.000	PEAK
2		2441.360	0.807	54.980	55.787	-18.213	74.000	PEAK
3	*	4895.310	9.746	50.840	60.585	-13.415	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:40**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

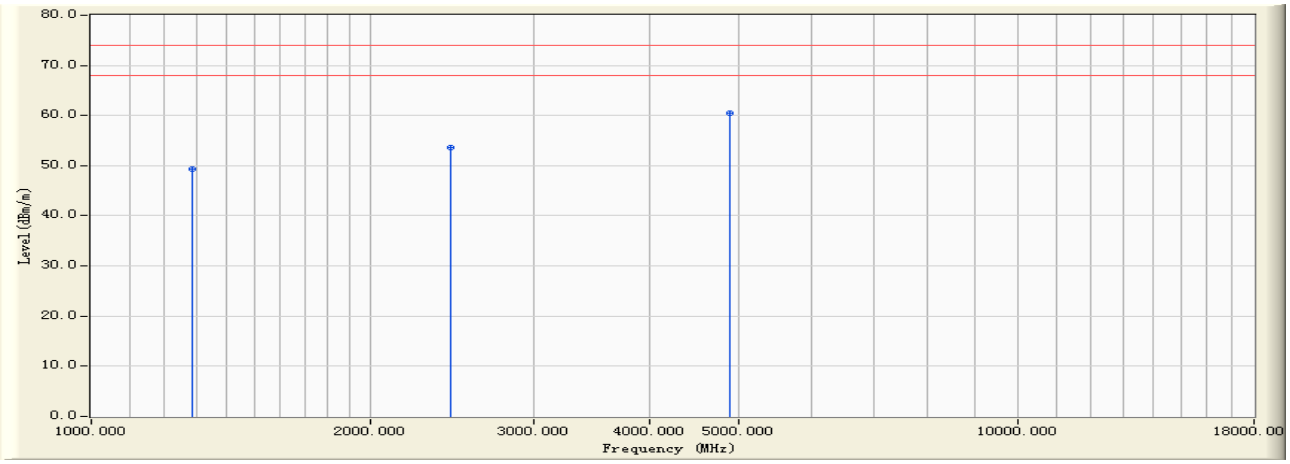


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1265.300	-4.436	43.510	39.074	-14.926	54.000	AVERAGE
2		2441.360	0.807	40.790	41.597	-12.403	54.000	AVERAGE
3	*	4895.310	9.746	35.610	45.355	-8.645	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:42**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

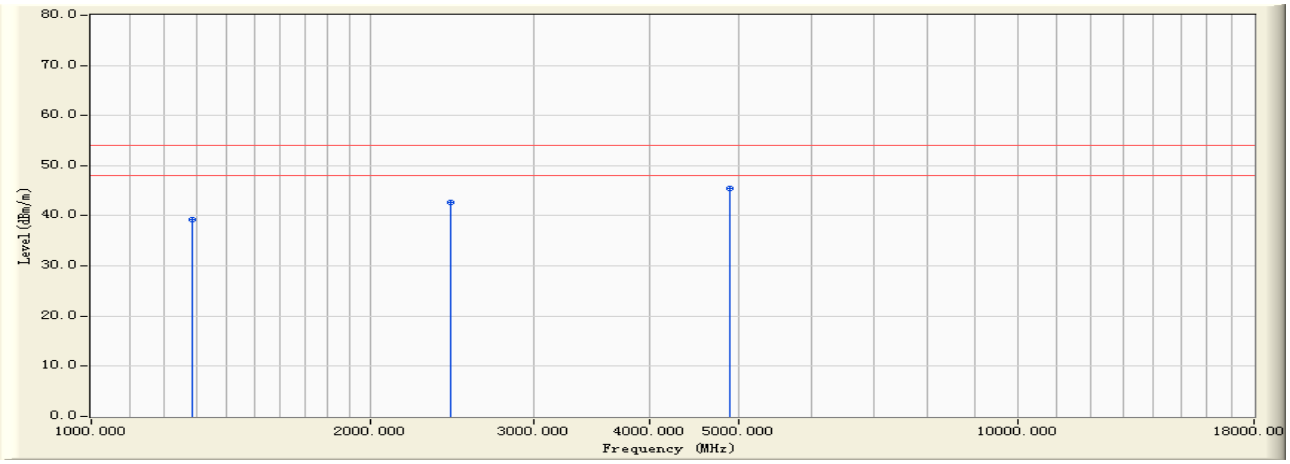


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1283.200	-4.252	53.520	49.268	-24.732	74.000	PEAK
2		2441.870	0.810	52.840	53.650	-20.350	74.000	PEAK
3	*	4891.340	9.735	50.750	60.485	-13.515	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:42**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

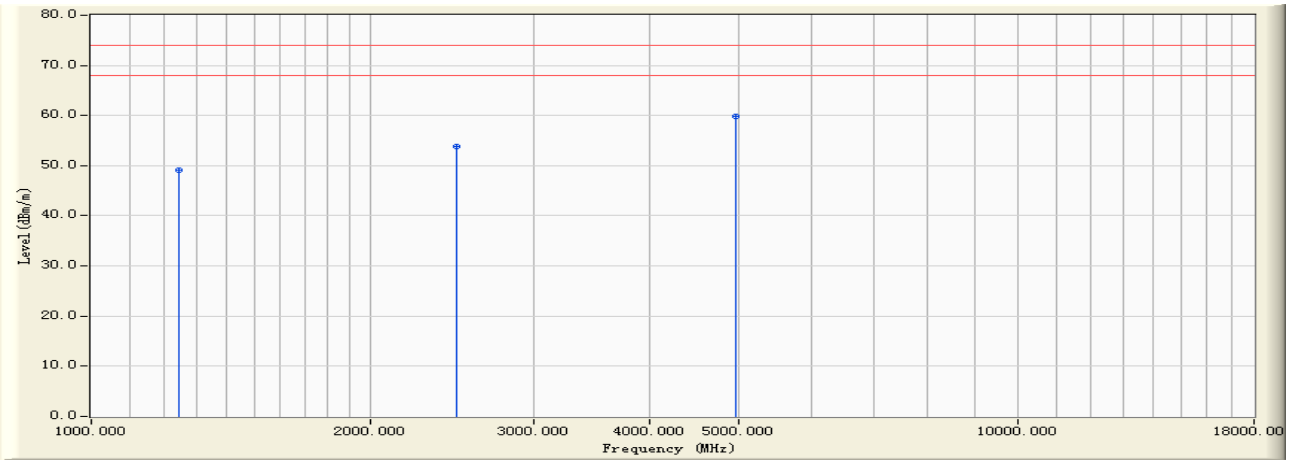


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1283.200	-4.252	43.570	39.318	-14.682	54.000	AVERAGE
2		2441.870	0.810	41.940	42.750	-11.250	54.000	AVERAGE
3	*	4891.340	9.735	35.680	45.415	-8.585	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:43**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

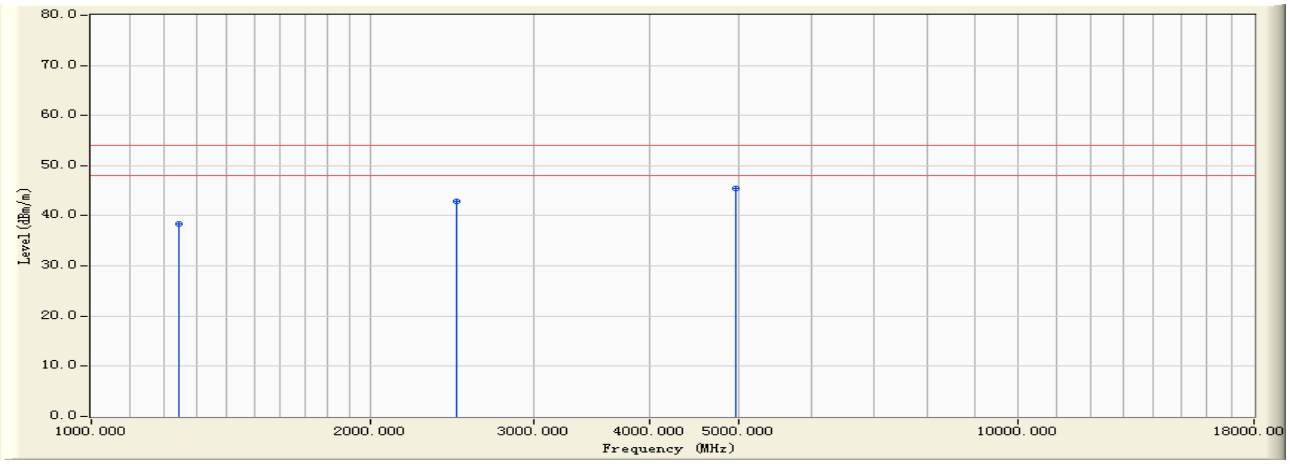


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1245.350	-4.635	53.680	49.045	-24.955	74.000	PEAK
2		2480.170	1.010	52.840	53.850	-20.150	74.000	PEAK
3	*	4962.340	9.939	49.860	59.798	-14.202	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:43**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

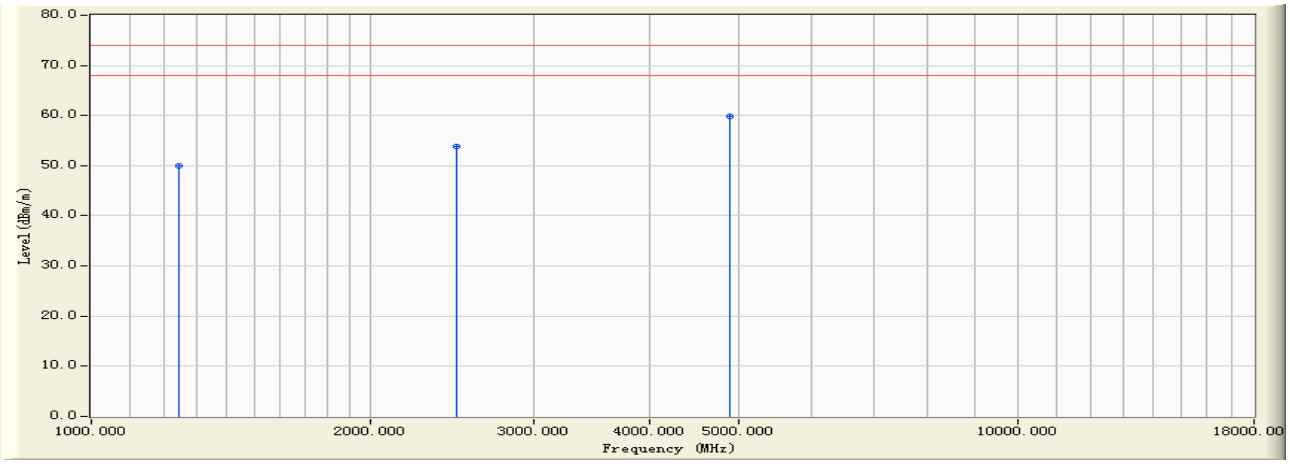


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1245.350	-4.635	42.980	38.345	-15.655	54.000	AVERAGE
2		2480.170	1.010	41.850	42.860	-11.140	54.000	AVERAGE
3	*	4962.340	9.939	35.510	45.448	-8.552	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:44**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

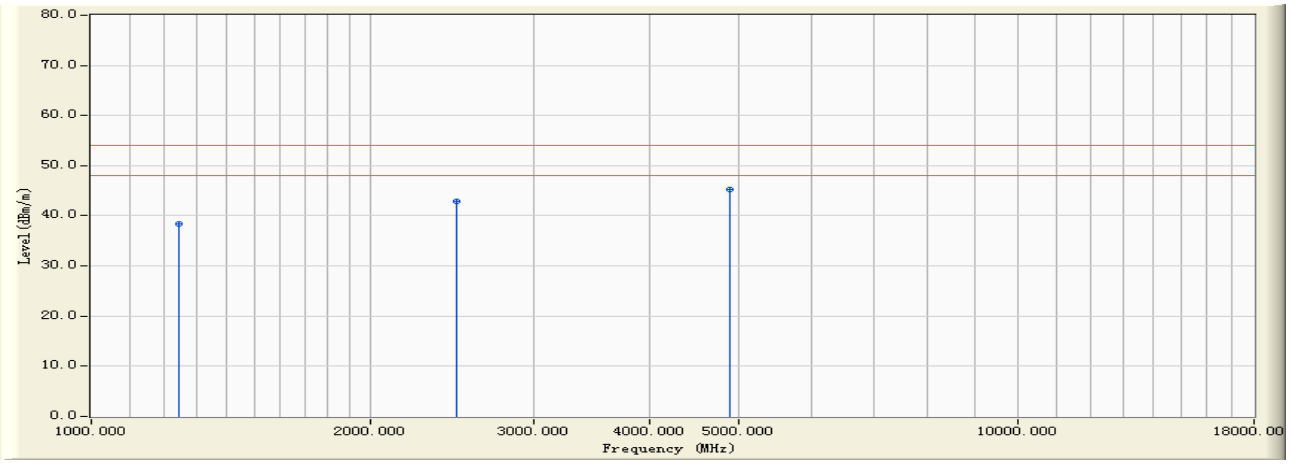


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1245.500	-4.633	54.630	49.996	-24.004	74.000	PEAK
2		2480.370	1.010	52.840	53.851	-20.149	74.000	PEAK
3	*	4893.240	9.740	50.180	59.921	-14.079	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:44**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

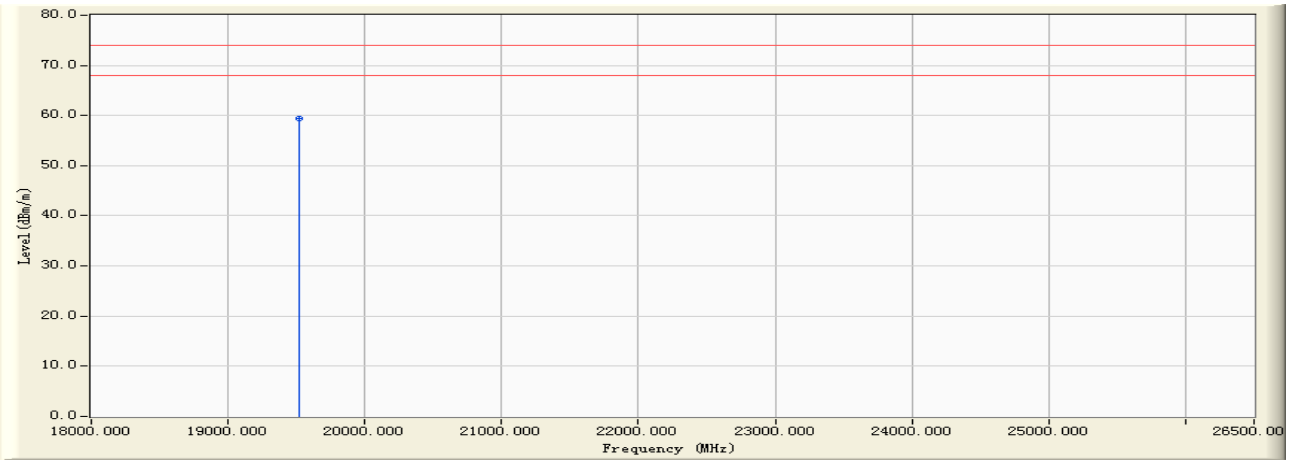


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		1245.500	-4.633	42.980	38.346	-15.654	54.000	AVERAGE
2		2480.370	1.010	41.950	42.961	-11.039	54.000	AVERAGE
3	*	4893.240	9.740	35.620	45.361	-8.639	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:29**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

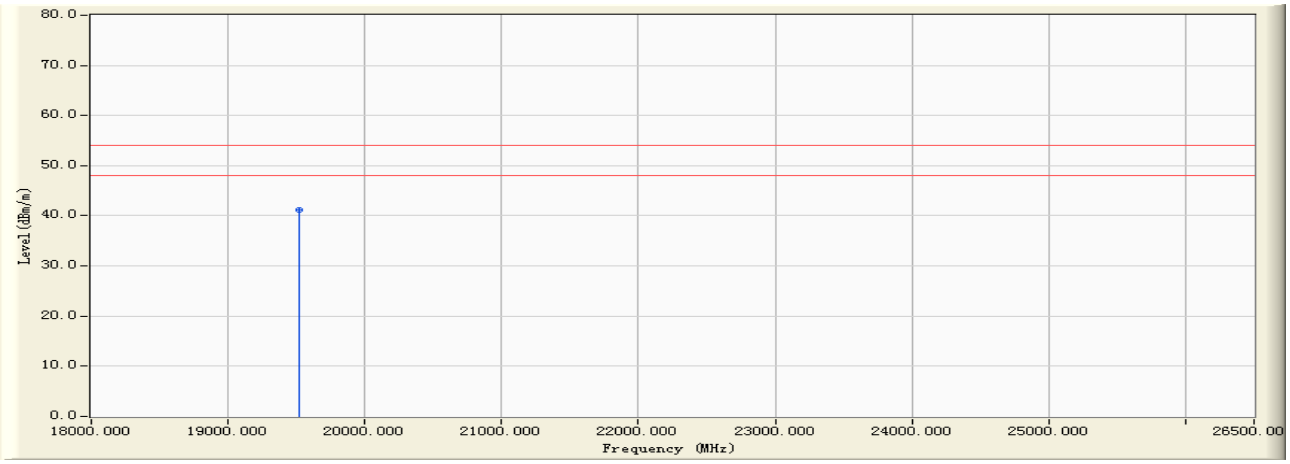


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19523.000	6.703	52.680	59.384	-14.616	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:29**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

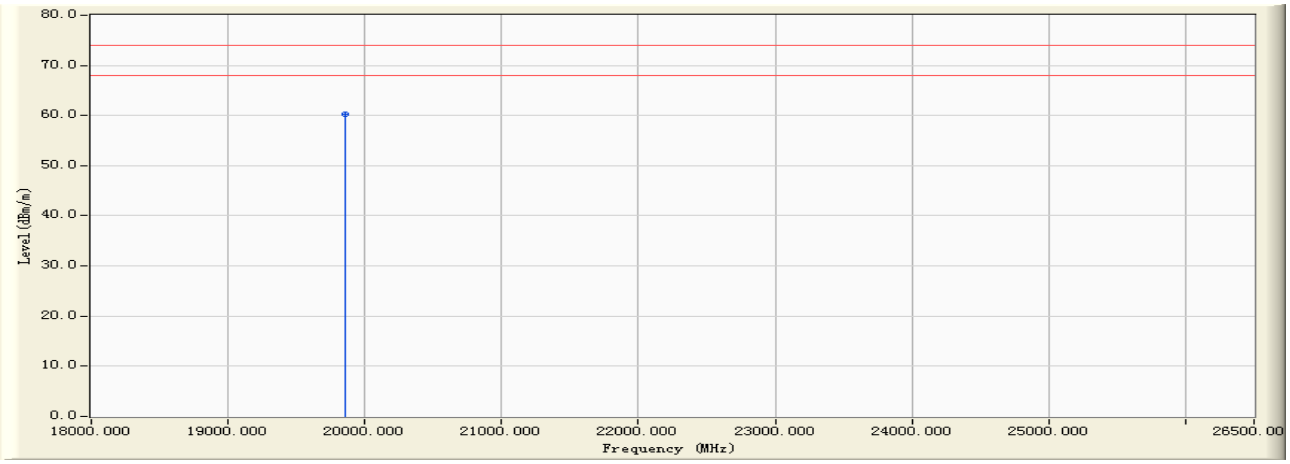


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19523.000	6.703	34.570	41.274	-12.726	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:30**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

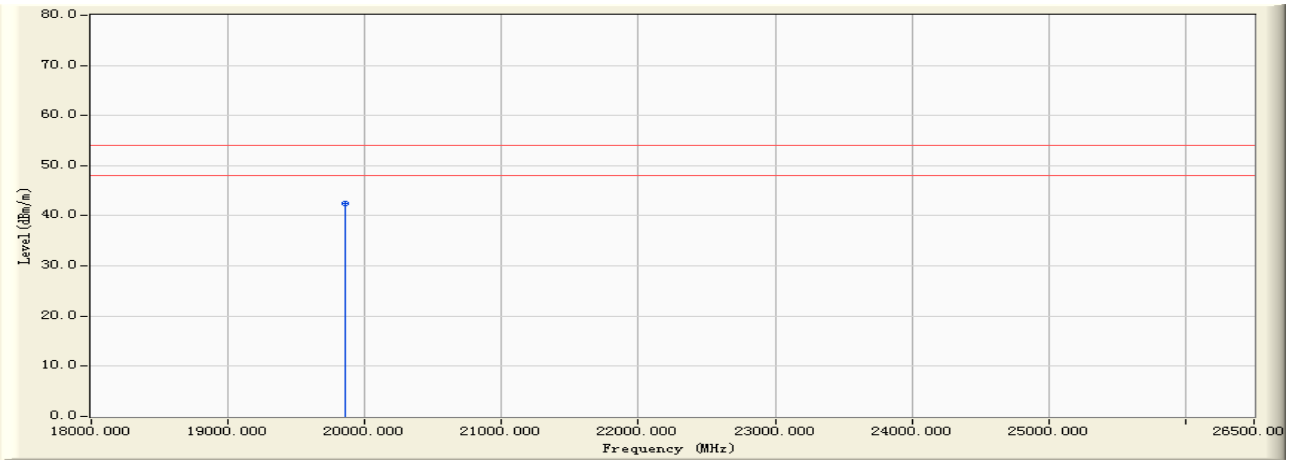


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19854.000	7.943	52.360	60.303	-13.697	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:30**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2402M**

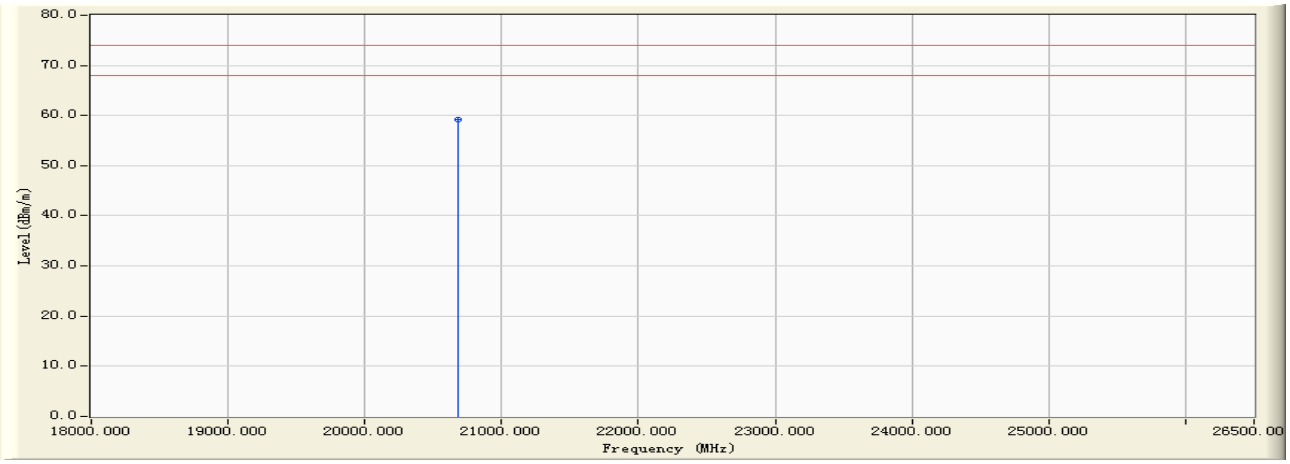


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19854.000	7.943	34.580	42.523	-11.477	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:31**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

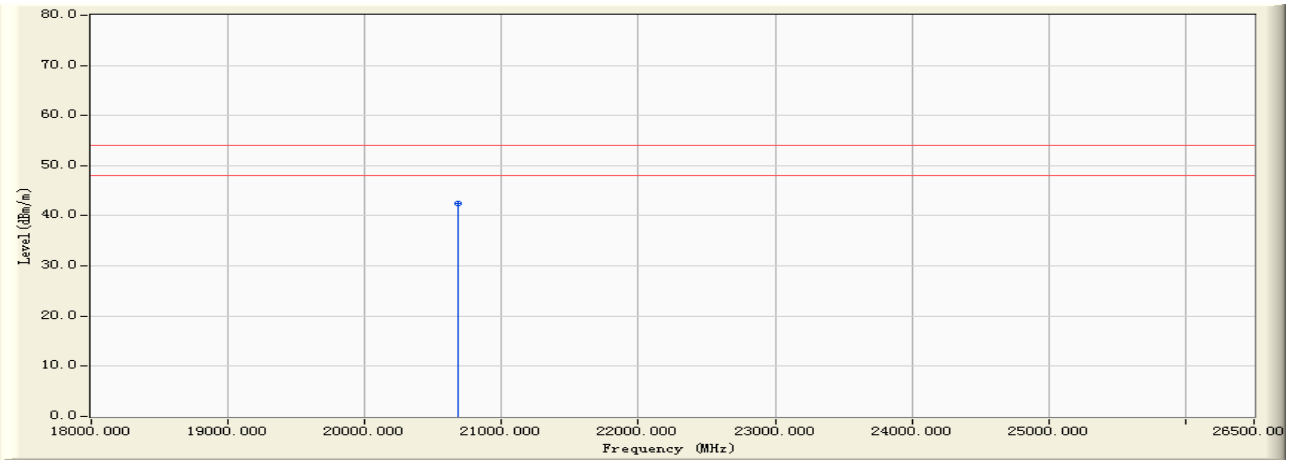


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20684.000	6.871	52.360	59.231	-14.769	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:31**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

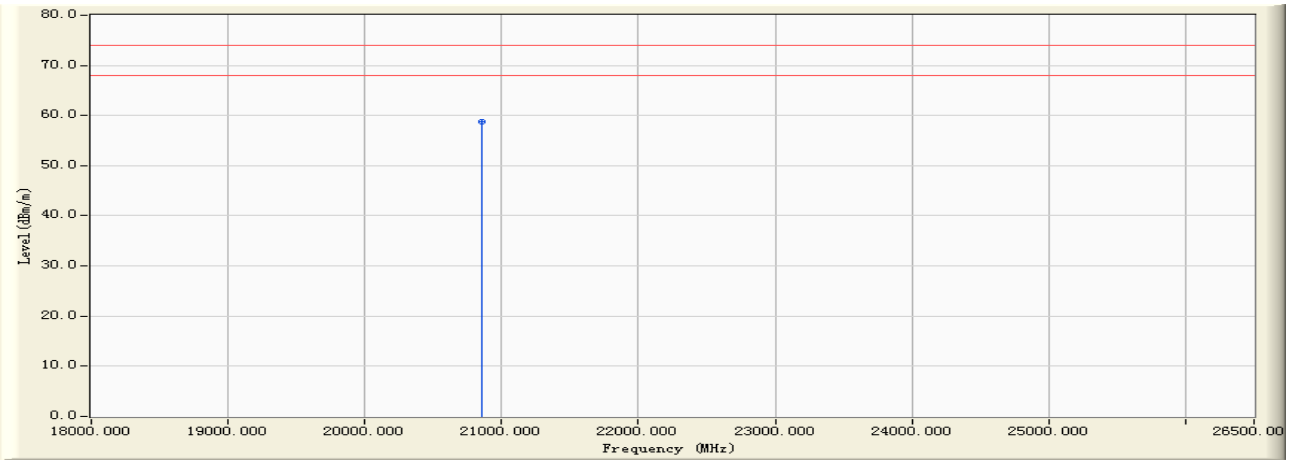


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20684.000	6.871	35.610	42.481	-11.519	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:31**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

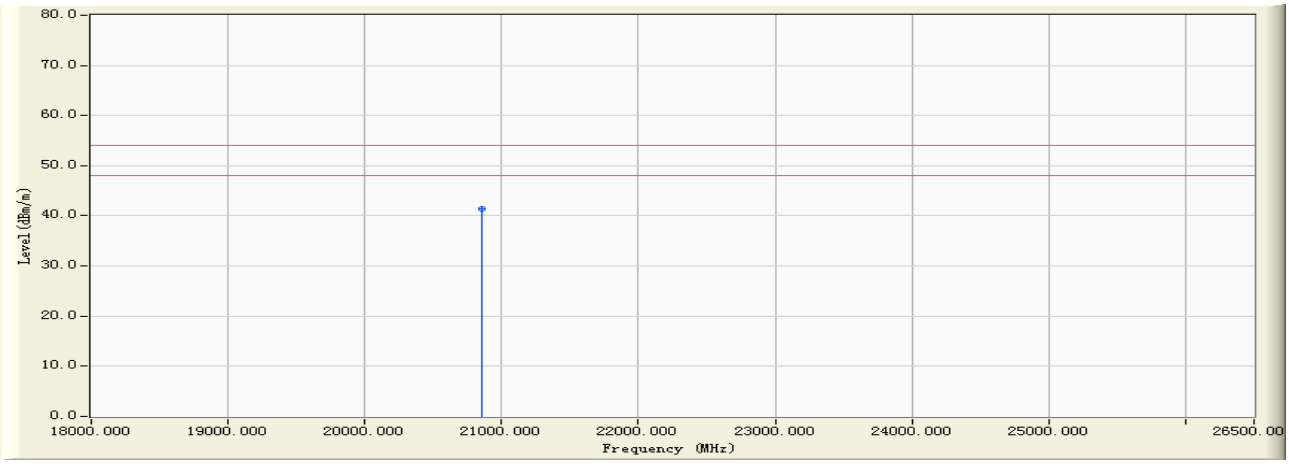


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20859.000	6.820	51.980	58.800	-15.200	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:31**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2441M**

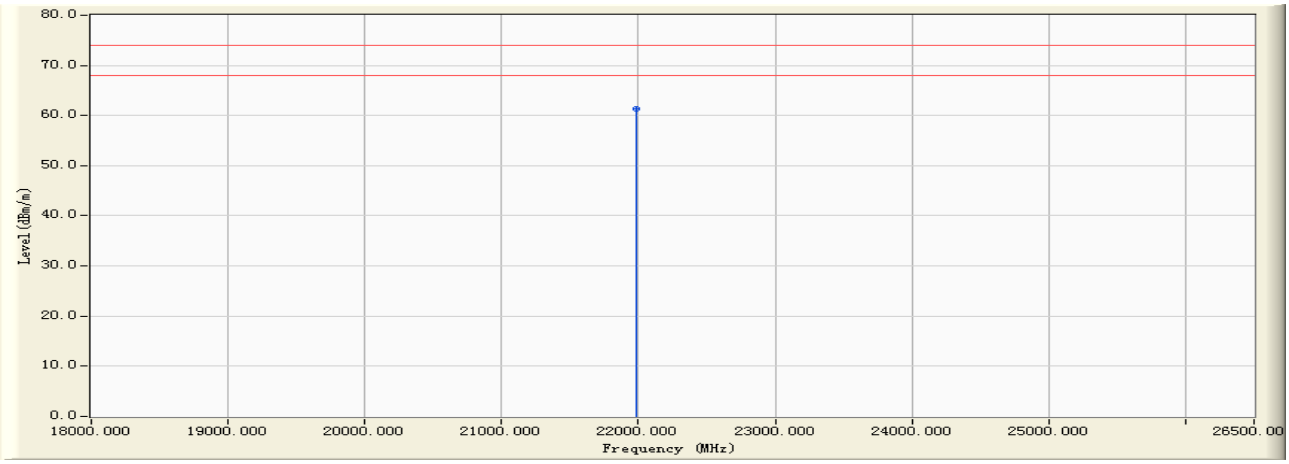


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20859.000	6.820	34.570	41.390	-12.610	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:32**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

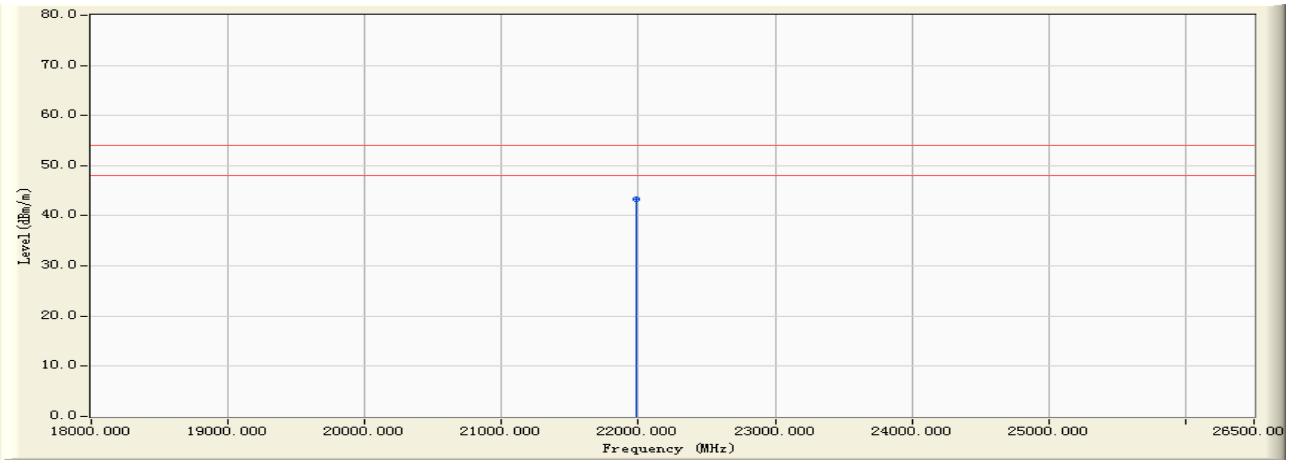


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21985.000	8.747	52.650	61.397	-12.603	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:32**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

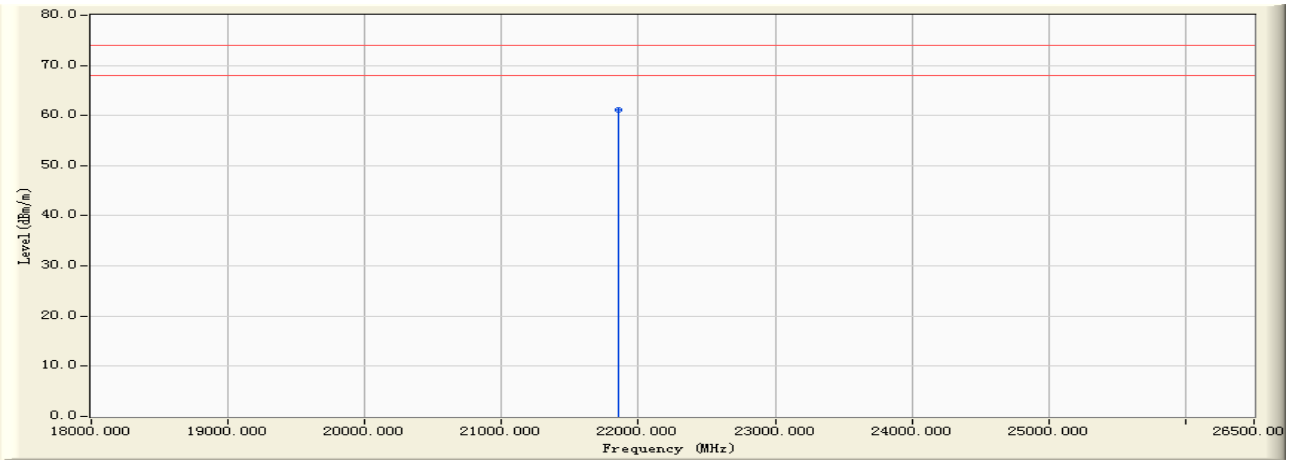


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21985.000	8.747	34.570	43.317	-10.683	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:32**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

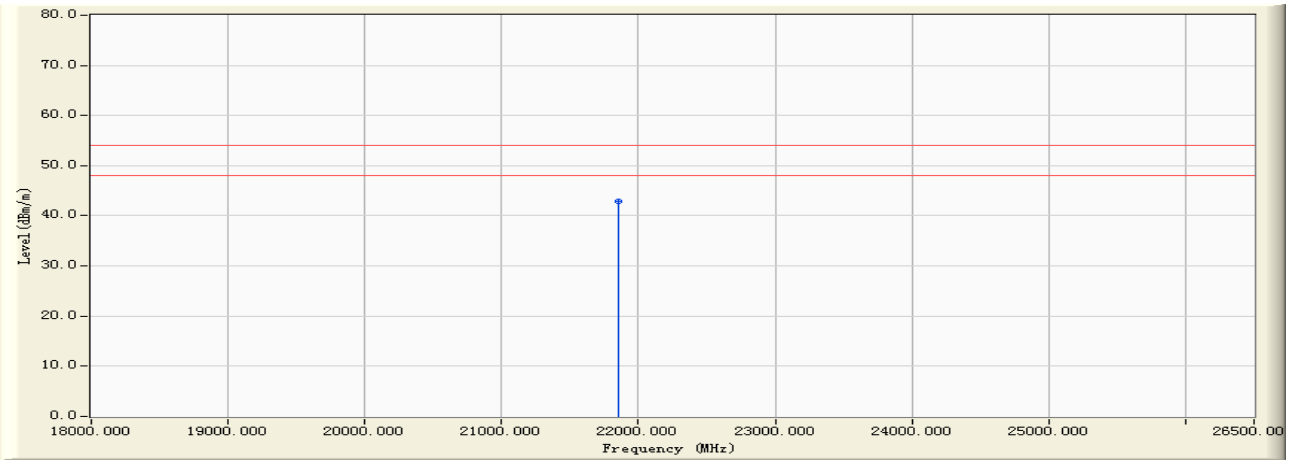


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21856.000	8.355	52.680	61.034	-12.966	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:32**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 4: Receiver by BT(GFSK) 2480M**

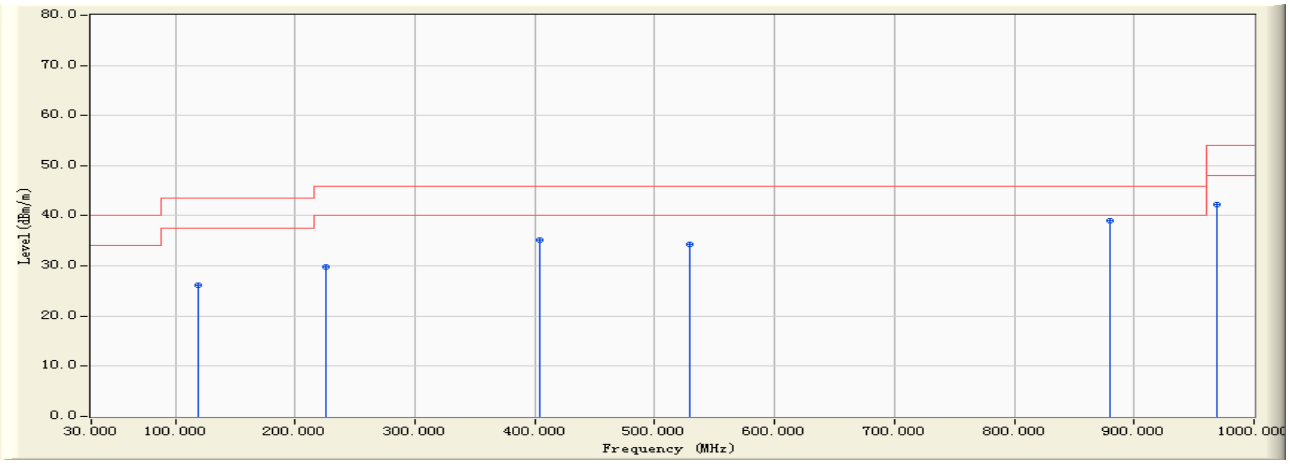


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21856.000	8.355	34.570	42.924	-11.076	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:46**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

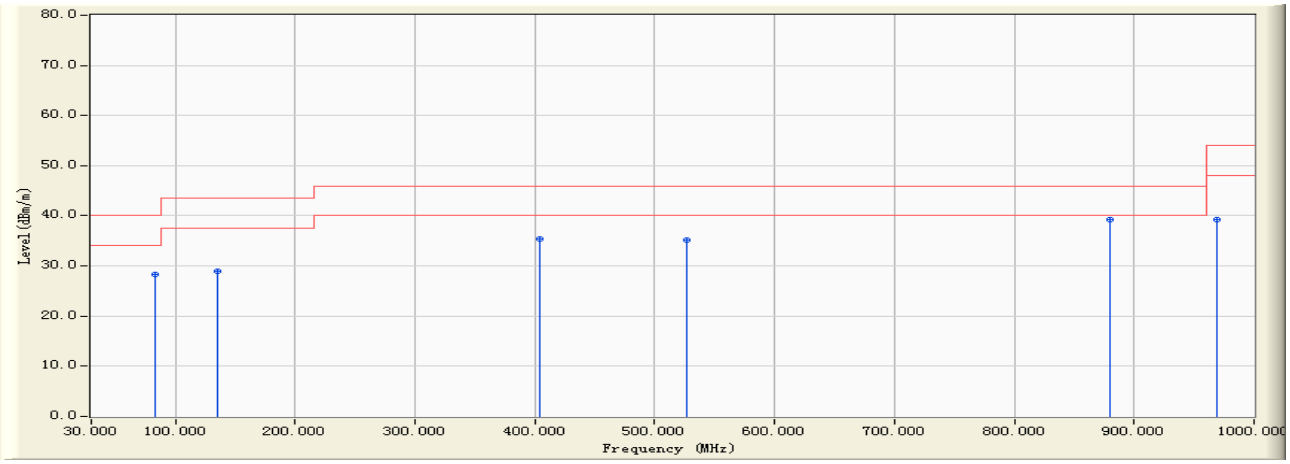


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		119.630	-13.568	39.650	26.082	-17.418	43.500	QUASIPEAK
2		225.640	-13.852	43.580	29.728	-16.272	46.000	QUASIPEAK
3		403.520	-7.469	42.580	35.111	-10.889	46.000	QUASIPEAK
4		528.630	-4.255	38.510	34.255	-11.745	46.000	QUASIPEAK
5	*	879.630	2.581	36.510	39.091	-6.909	46.000	QUASIPEAK
6		968.520	3.761	38.430	42.191	-11.809	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:47**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

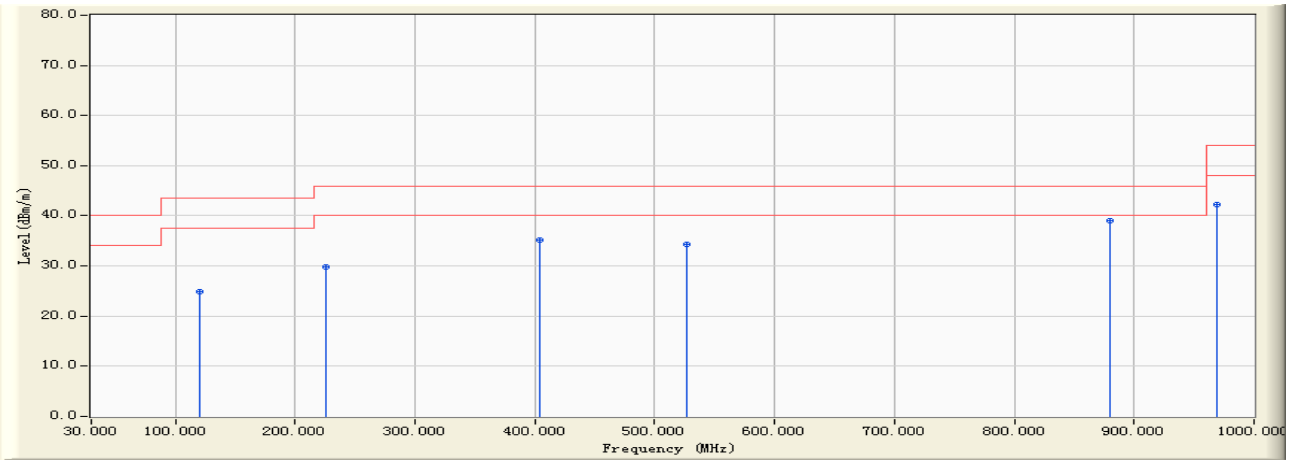


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		83.630	-15.277	43.520	28.243	-11.757	40.000	QUASIPEAK
2		135.620	-14.680	43.580	28.900	-14.600	43.500	QUASIPEAK
3		403.560	-7.468	42.850	35.382	-10.618	46.000	QUASIPEAK
4		526.630	-4.289	39.510	35.221	-10.779	46.000	QUASIPEAK
5	*	879.530	2.577	36.570	39.148	-6.852	46.000	QUASIPEAK
6		968.530	3.761	35.570	39.331	-14.669	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

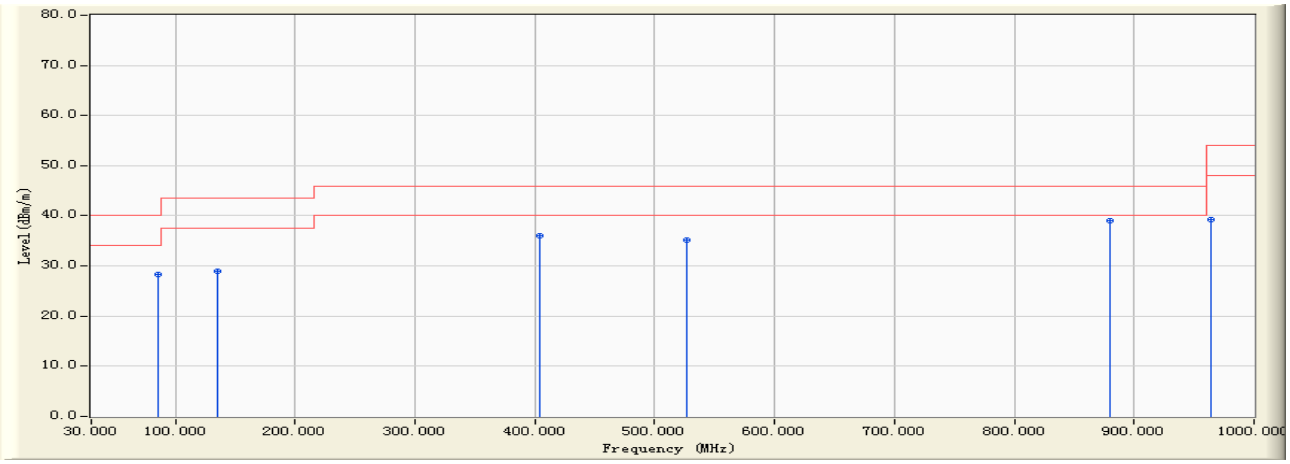


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		120.360	-13.588	38.520	24.931	-18.569	43.500	QUASIPEAK
2		225.640	-13.852	43.630	29.778	-16.222	46.000	QUASIPEAK
3		403.560	-7.468	42.650	35.182	-10.818	46.000	QUASIPEAK
4		526.360	-4.294	38.510	34.216	-11.784	46.000	QUASIPEAK
5	*	879.530	2.577	36.540	39.118	-6.882	46.000	QUASIPEAK
6		968.520	3.761	38.540	42.301	-11.699	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:49**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

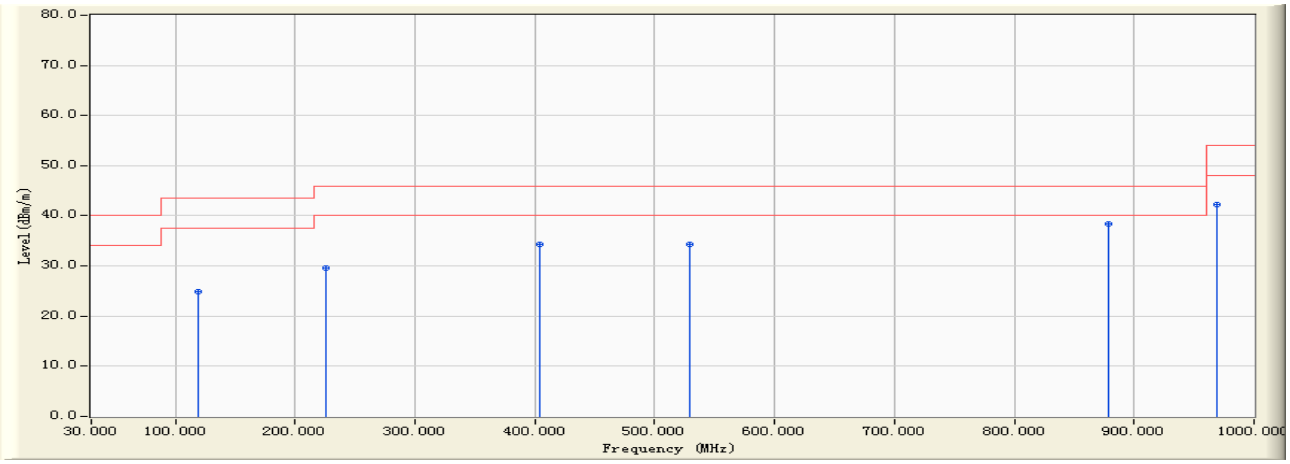


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		85.320	-15.185	43.520	28.335	-11.665	40.000	QUASIPEAK
2		135.620	-14.680	43.580	28.900	-14.600	43.500	QUASIPEAK
3		403.630	-7.466	43.520	36.054	-9.946	46.000	QUASIPEAK
4		526.950	-4.284	39.510	35.226	-10.774	46.000	QUASIPEAK
5	*	879.350	2.571	36.540	39.111	-6.889	46.000	QUASIPEAK
6		963.530	3.708	35.470	39.178	-14.822	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:50**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

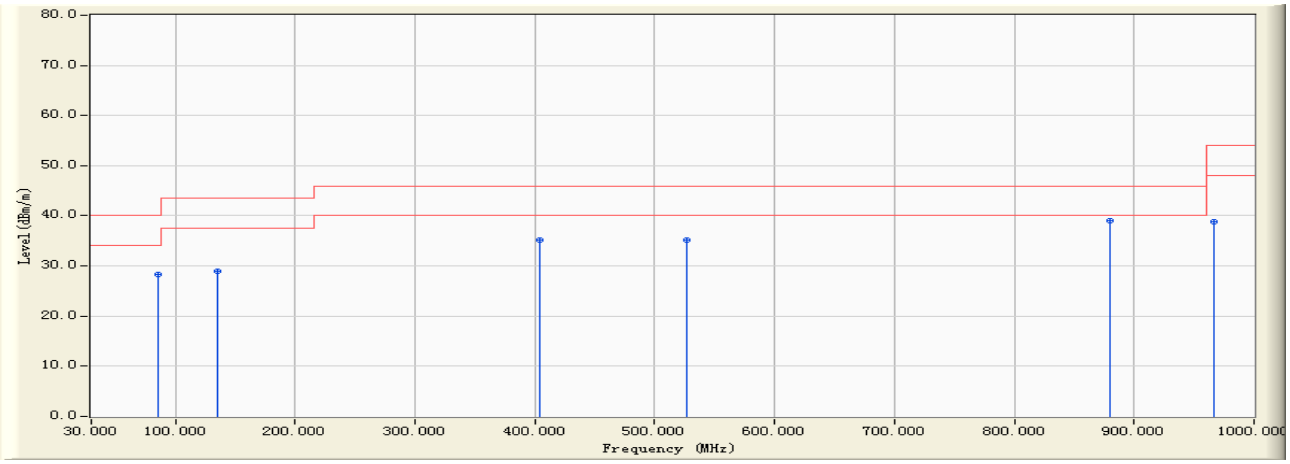


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		119.690	-13.570	38.520	24.950	-18.550	43.500	QUASIPEAK
2		225.680	-13.850	43.510	29.660	-16.340	46.000	QUASIPEAK
3		403.510	-7.469	41.850	34.381	-11.619	46.000	QUASIPEAK
4		528.690	-4.254	38.530	34.277	-11.723	46.000	QUASIPEAK
5	*	878.540	2.542	35.890	38.432	-7.568	46.000	QUASIPEAK
6		968.630	3.764	38.540	42.304	-11.696	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/05 - 16:51**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
EUT : HSG1164	**Probe : HL562(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

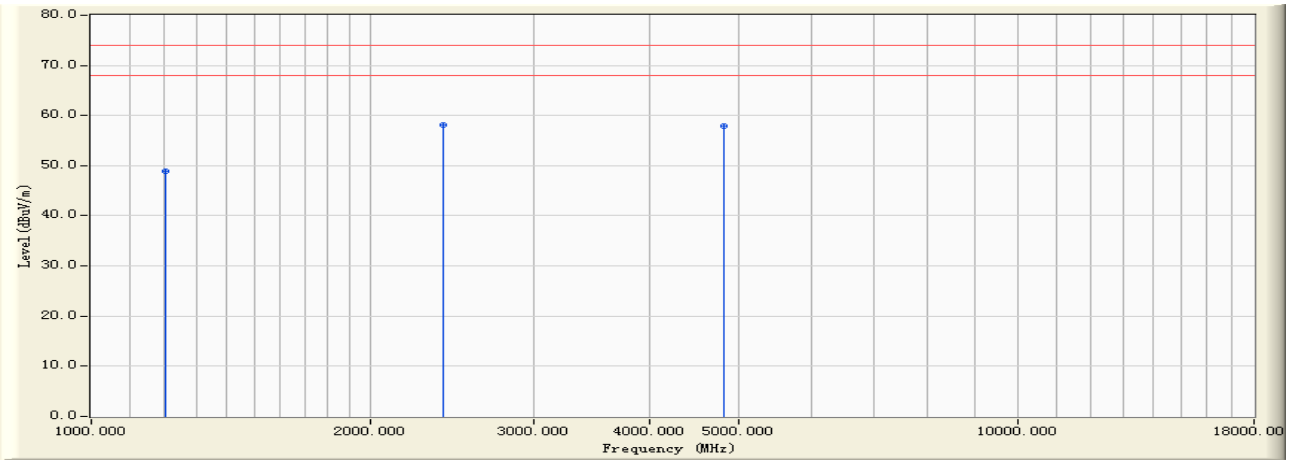


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1		85.620	-15.170	43.520	28.351	-11.649	40.000	QUASIPEAK
2		135.620	-14.680	43.590	28.910	-14.590	43.500	QUASIPEAK
3		403.520	-7.469	42.570	35.101	-10.899	46.000	QUASIPEAK
4		526.630	-4.289	39.540	35.251	-10.749	46.000	QUASIPEAK
5	*	879.650	2.582	36.540	39.122	-6.878	46.000	QUASIPEAK
6		966.630	3.717	35.010	38.727	-15.273	54.000	QUASIPEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:55**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

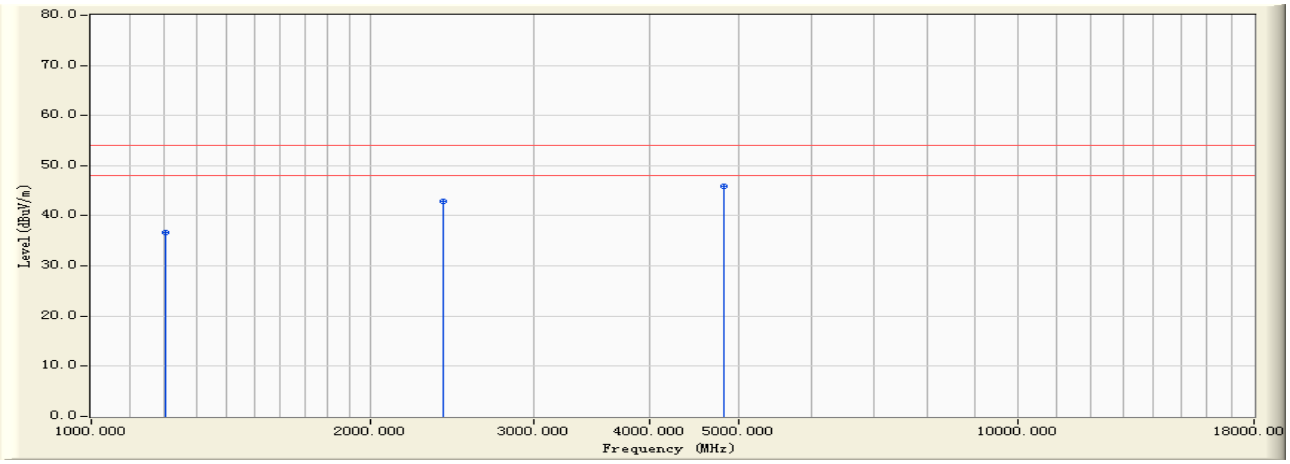


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1201.360	-5.938	54.850	48.912	-25.088	74.000	PEAK
2	*	2402.630	0.397	57.630	58.026	-15.974	74.000	PEAK
3		4826.350	7.353	50.570	57.923	-16.077	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:55**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

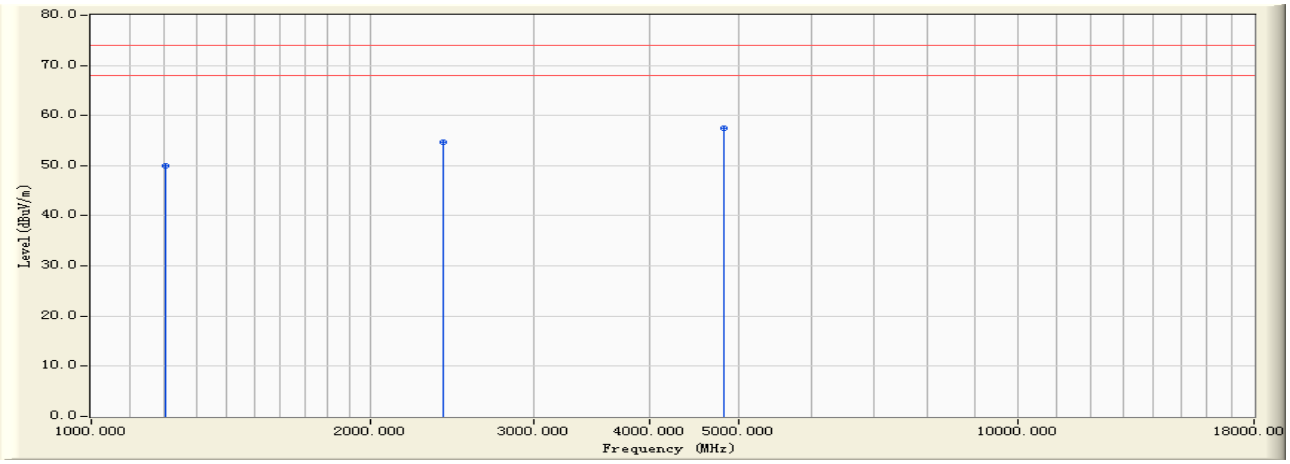


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1201.360	-5.938	42.580	36.642	-17.358	54.000	AVERAGE
2		2402.630	0.397	42.530	42.926	-11.074	54.000	AVERAGE
3	*	4826.350	7.353	38.520	45.873	-8.127	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:56**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

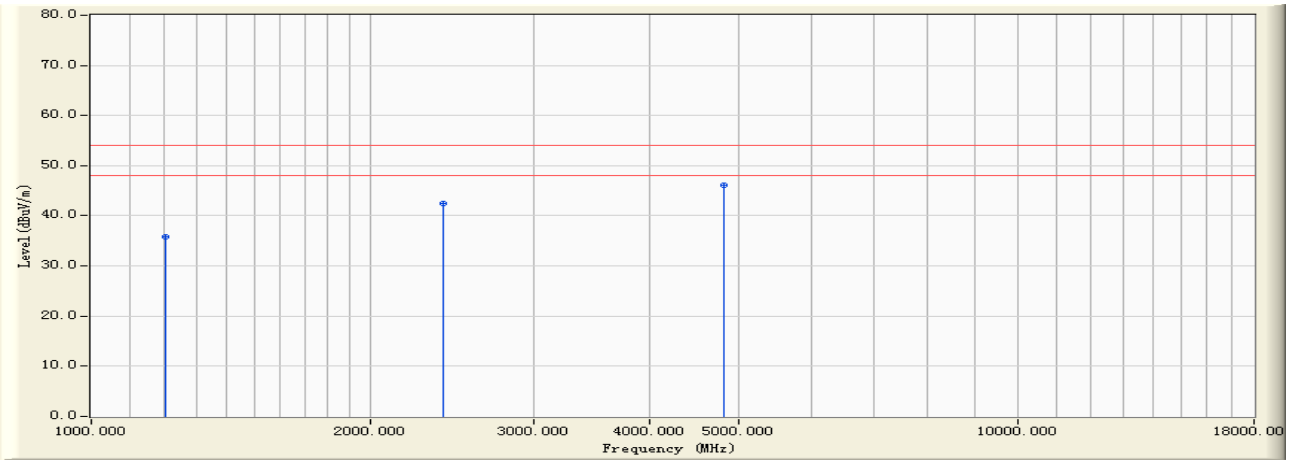


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.360	-5.924	55.840	49.917	-24.083	74.000	PEAK
2		2402.530	0.396	54.300	54.696	-19.304	74.000	PEAK
3	*	4824.320	7.348	50.190	57.538	-16.462	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:56**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

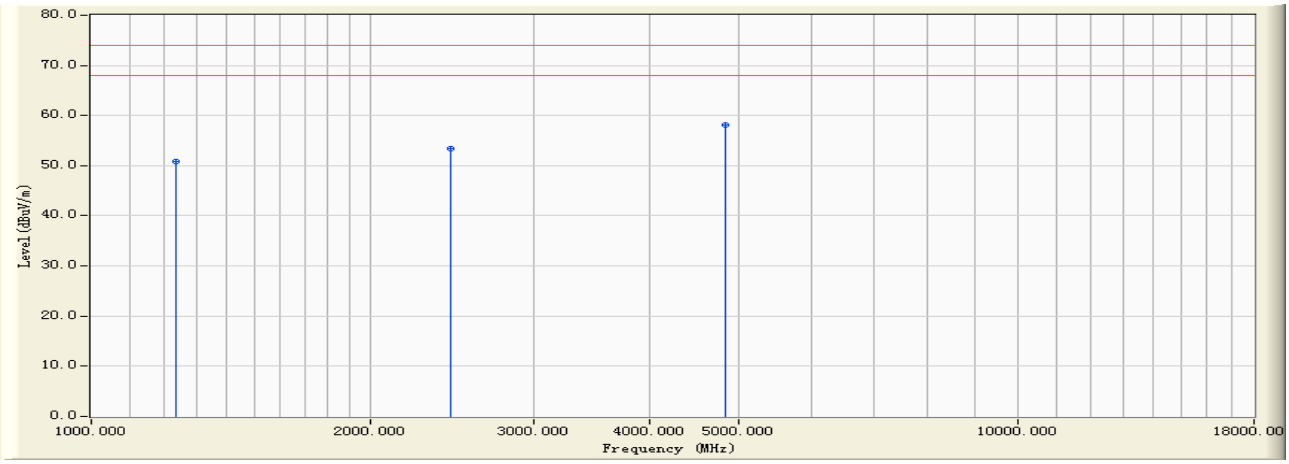


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1203.360	-5.924	41.750	35.827	-18.173	54.000	AVERAGE
2		2402.530	0.396	41.980	42.376	-11.624	54.000	AVERAGE
3	*	4824.320	7.348	38.850	46.198	-7.802	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:57**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

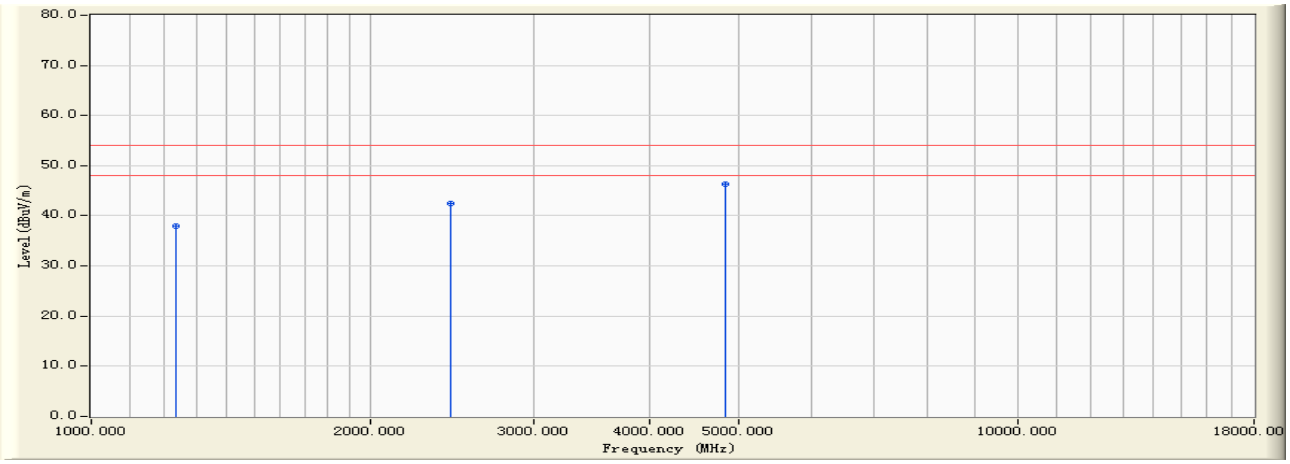


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.620	-5.577	56.310	50.733	-23.267	74.000	PEAK
2		2441.410	0.523	52.980	53.502	-20.498	74.000	PEAK
3	*	4836.510	7.373	50.740	58.113	-15.887	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:57**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

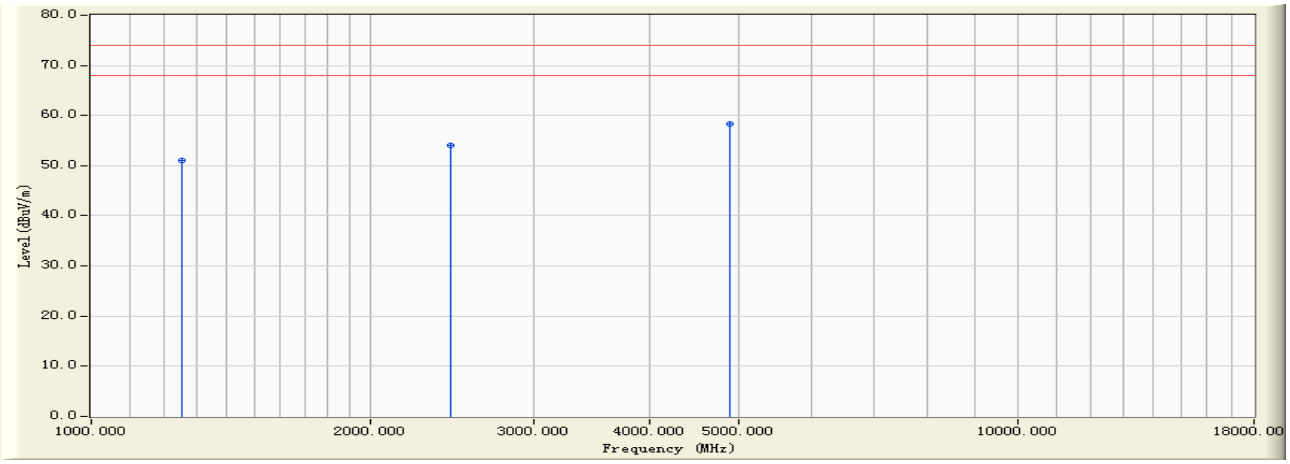


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1235.620	-5.577	43.580	38.003	-15.997	54.000	AVERAGE
2		2441.410	0.523	41.890	42.412	-11.588	54.000	AVERAGE
3	*	4836.510	7.373	38.870	46.243	-7.757	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:58**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

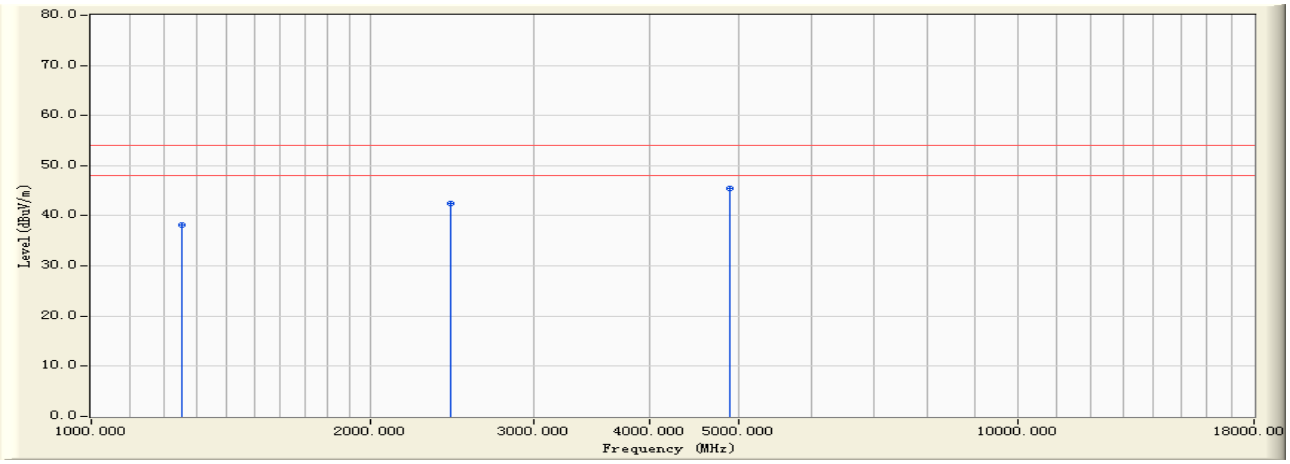


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1252.320	-5.395	56.390	50.995	-23.005	74.000	PEAK
2		2441.570	0.523	53.580	54.103	-19.897	74.000	PEAK
3	*	4895.310	7.509	50.870	58.379	-15.621	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:58**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

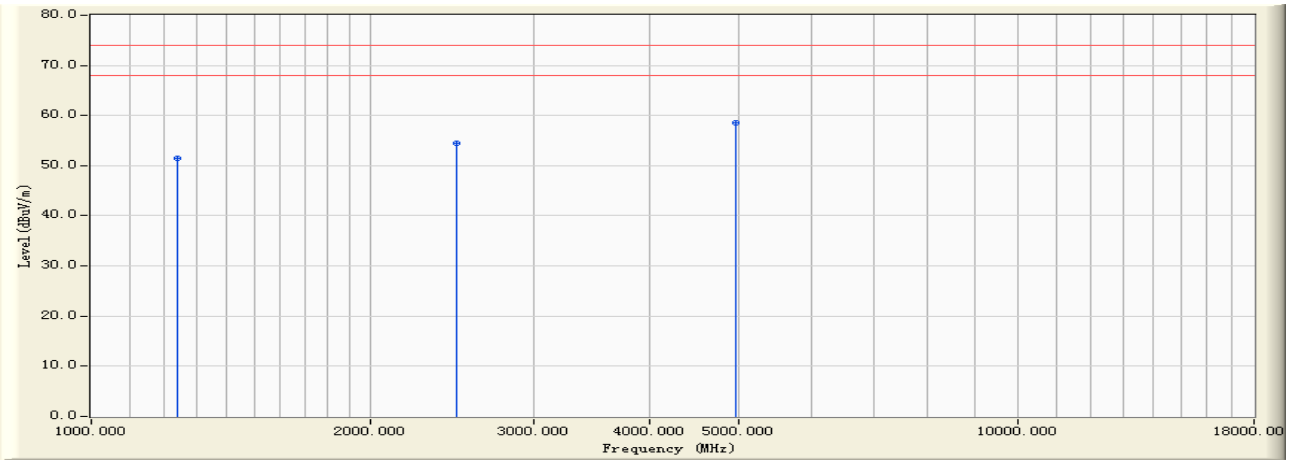


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1252.320	-5.395	43.560	38.165	-15.835	54.000	AVERAGE
2		2441.570	0.523	41.890	42.413	-11.587	54.000	AVERAGE
3	*	4895.310	7.509	37.980	45.489	-8.511	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:59**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

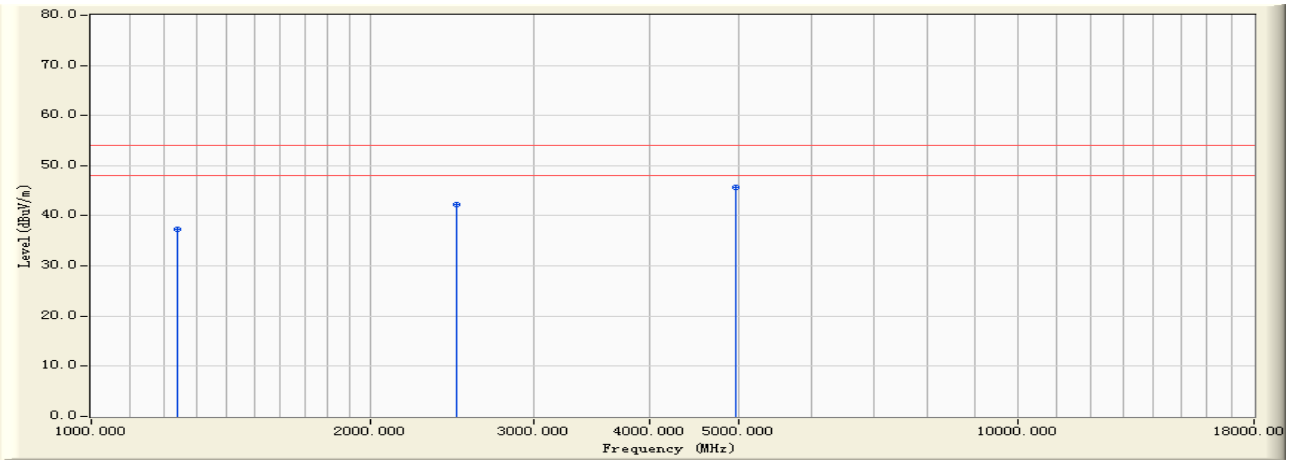


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1240.360	-5.525	56.950	51.425	-22.575	74.000	PEAK
2		2480.510	0.662	53.840	54.503	-19.497	74.000	PEAK
3	*	4963.520	7.654	50.840	58.494	-15.506	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 18:59**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

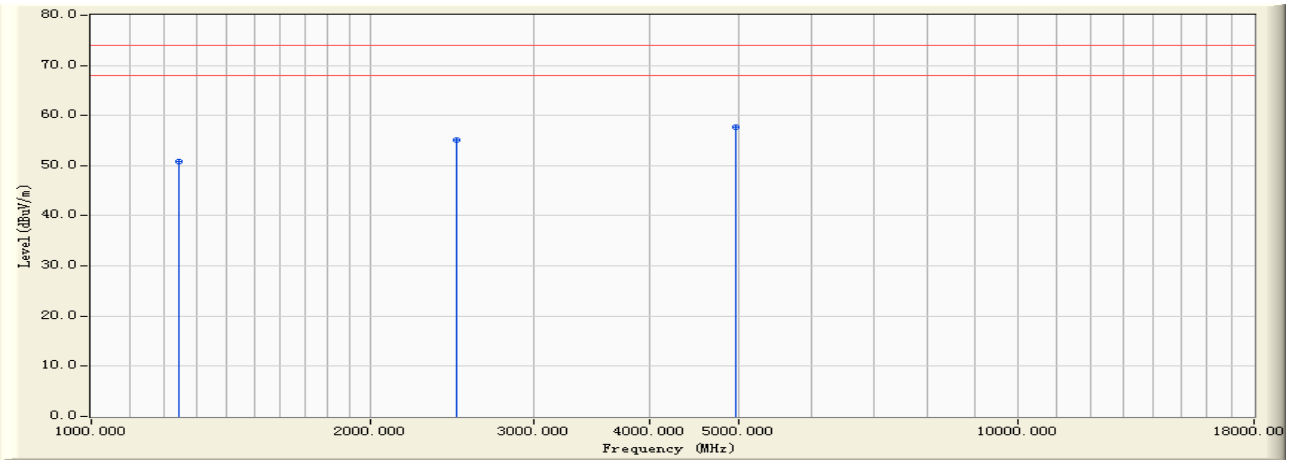


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1240.360	-5.525	42.870	37.345	-16.655	54.000	AVERAGE
2		2480.510	0.662	41.630	42.293	-11.707	54.000	AVERAGE
3	*	4963.520	7.654	37.980	45.634	-8.366	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:00**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

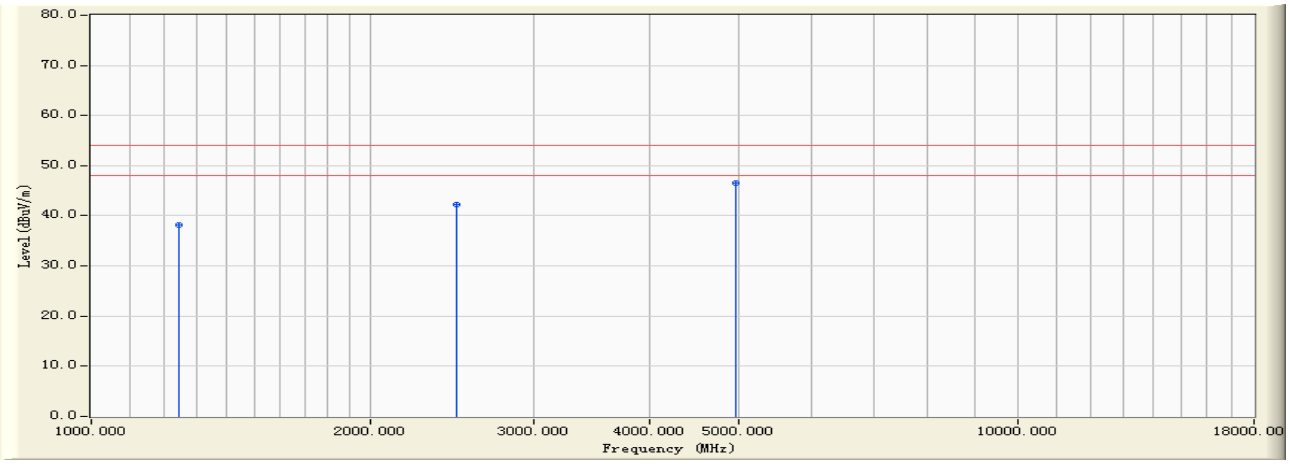


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.530	-5.469	56.390	50.921	-23.079	74.000	PEAK
2		2480.520	0.662	54.510	55.173	-18.827	74.000	PEAK
3	*	4963.250	7.654	49.980	57.633	-16.367	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Aliced	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 19:00**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

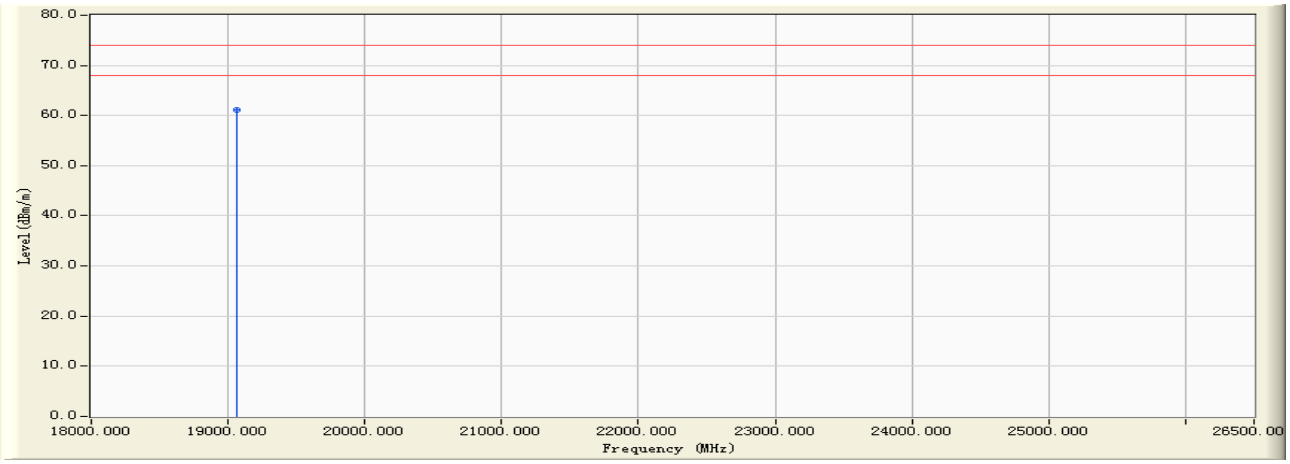


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		1245.530	-5.469	43.650	38.181	-15.819	54.000	AVERAGE
2		2480.520	0.662	41.680	42.343	-11.657	54.000	AVERAGE
3	*	4963.250	7.654	38.940	46.593	-7.407	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:34**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

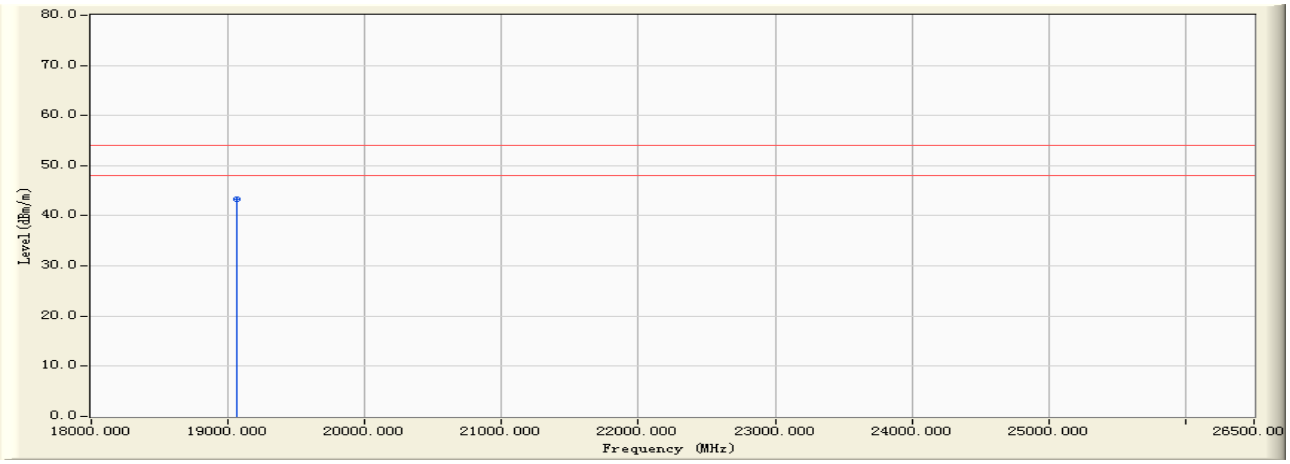


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19065.000	7.699	53.510	61.210	-12.790	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:34**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

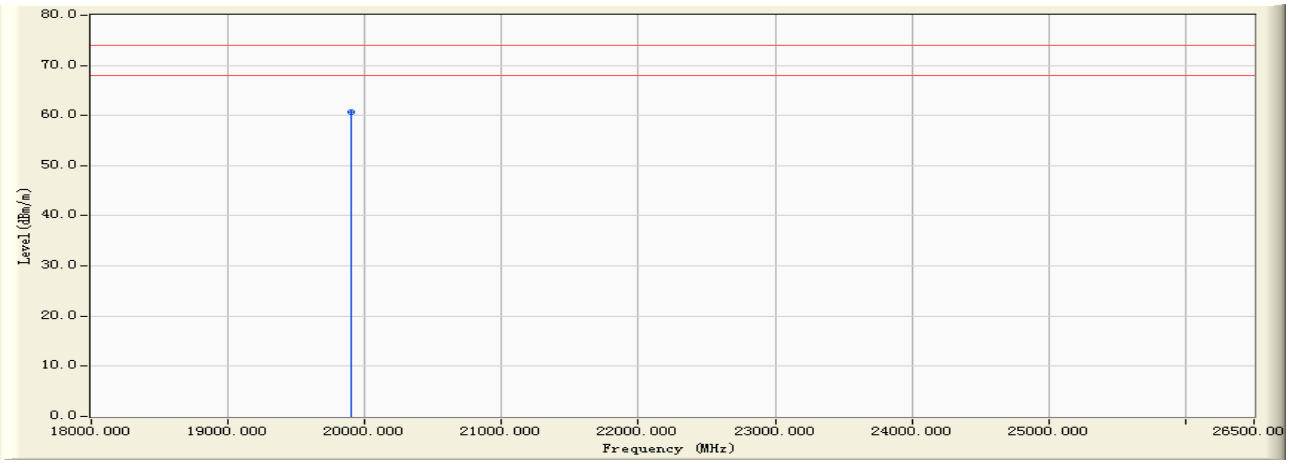


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19065.000	7.699	35.620	43.320	-10.680	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:35**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

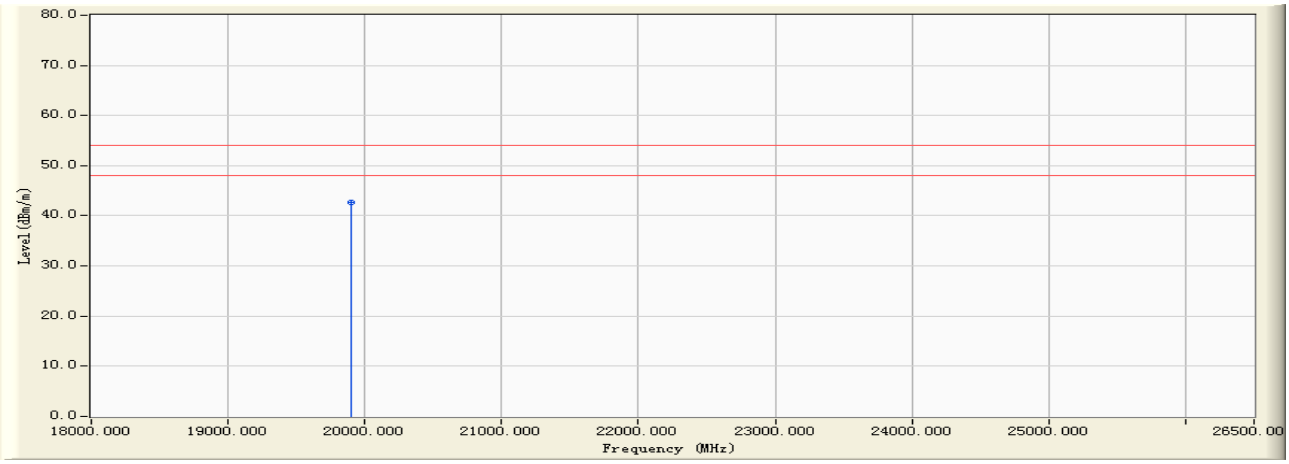


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19896.000	8.104	52.610	60.713	-13.287	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:35**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2402M**

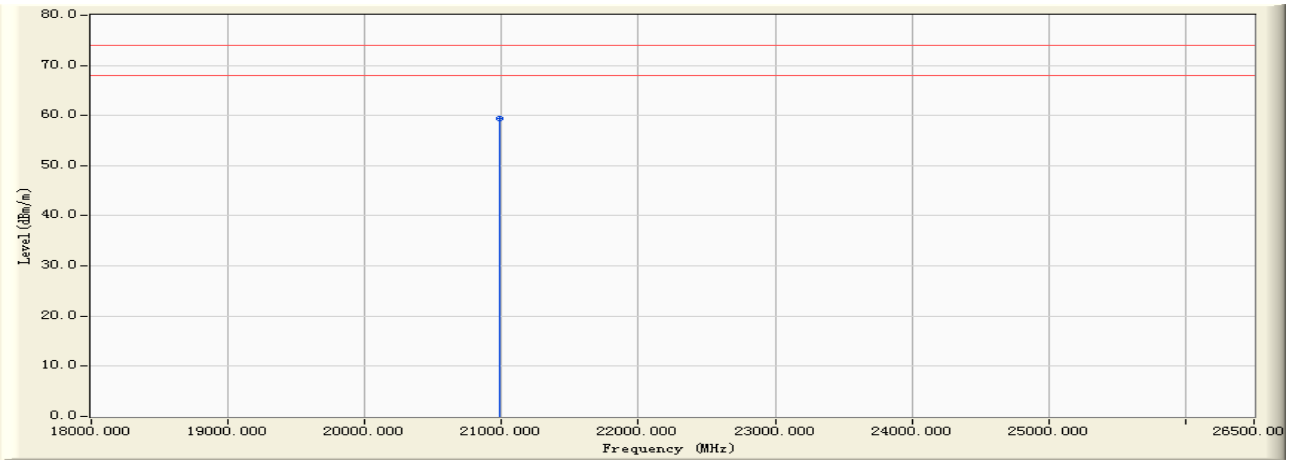


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	19896.000	8.104	34.580	42.683	-11.317	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:36**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G)- HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

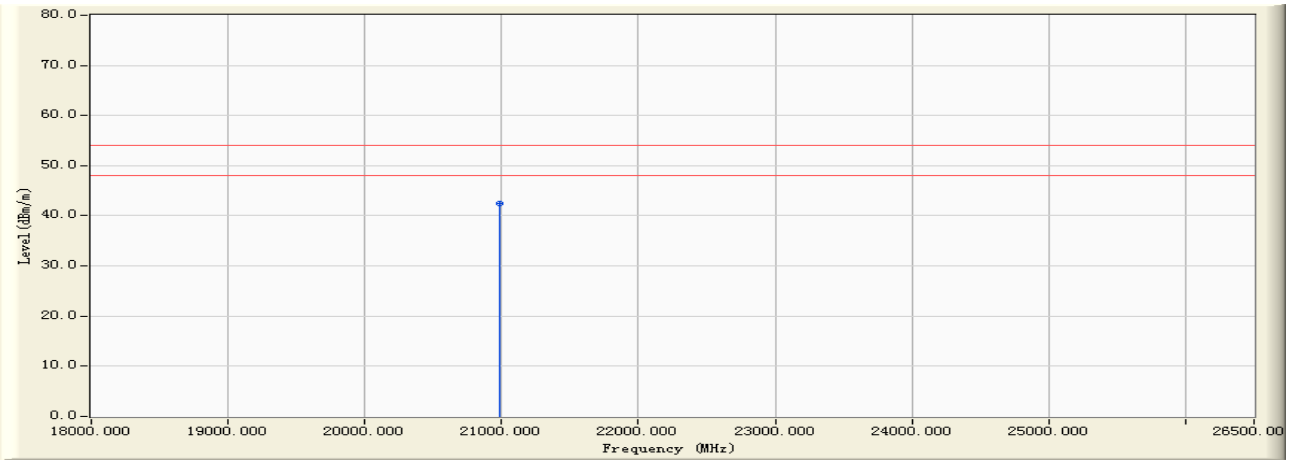


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20986.000	6.817	52.640	59.457	-14.543	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:36**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

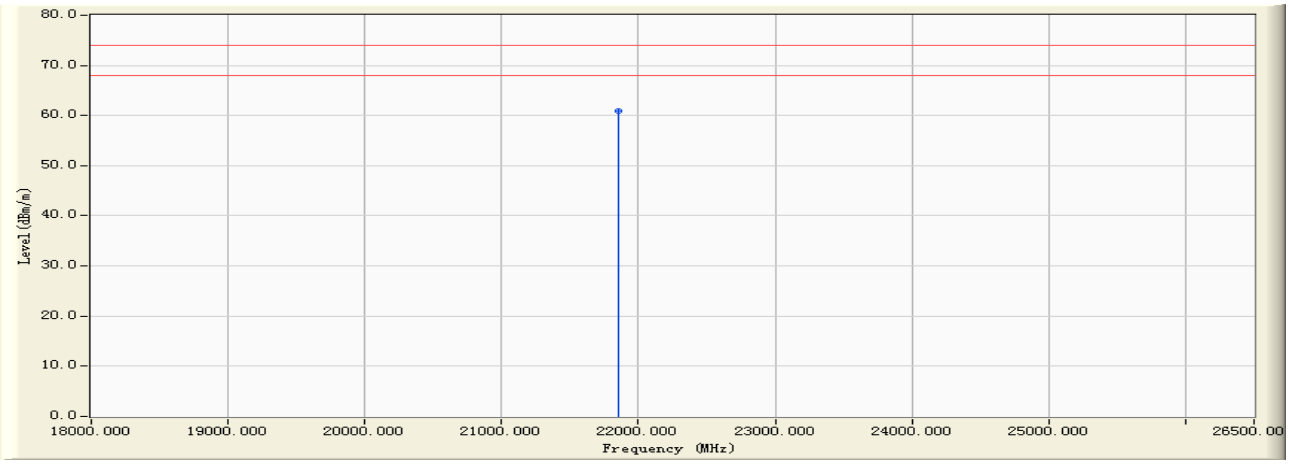


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	20986.000	6.817	35.610	42.427	-11.573	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:36**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

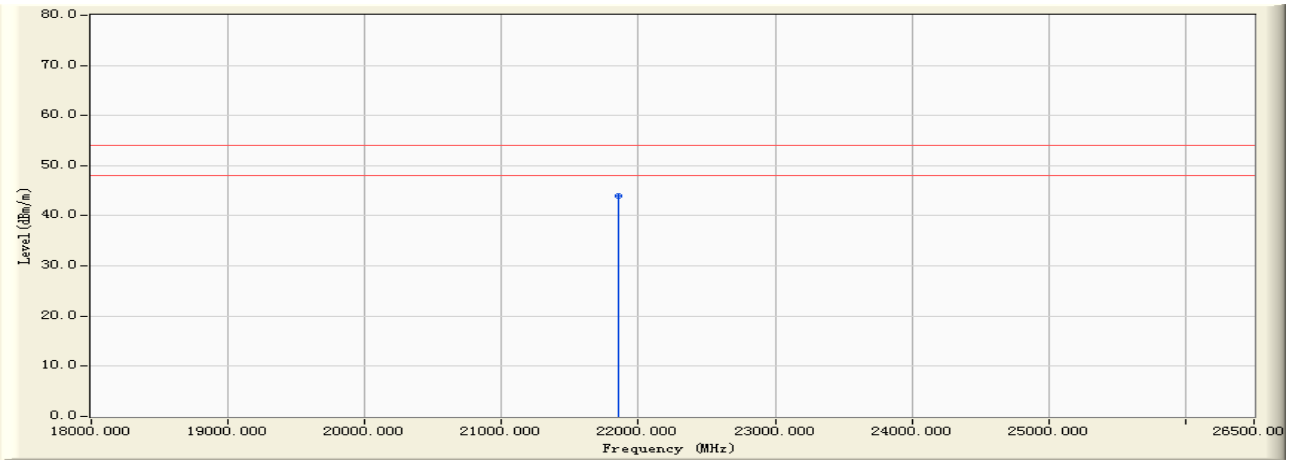


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21856.000	8.355	52.640	60.994	-13.006	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:36**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2441M**

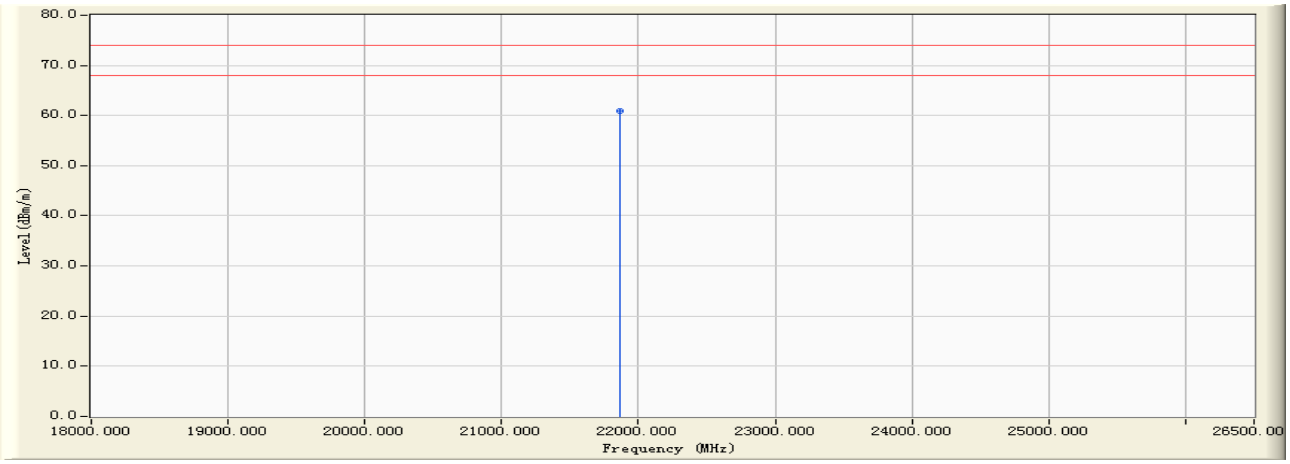


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21856.000	8.355	35.610	43.964	-10.036	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:37**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

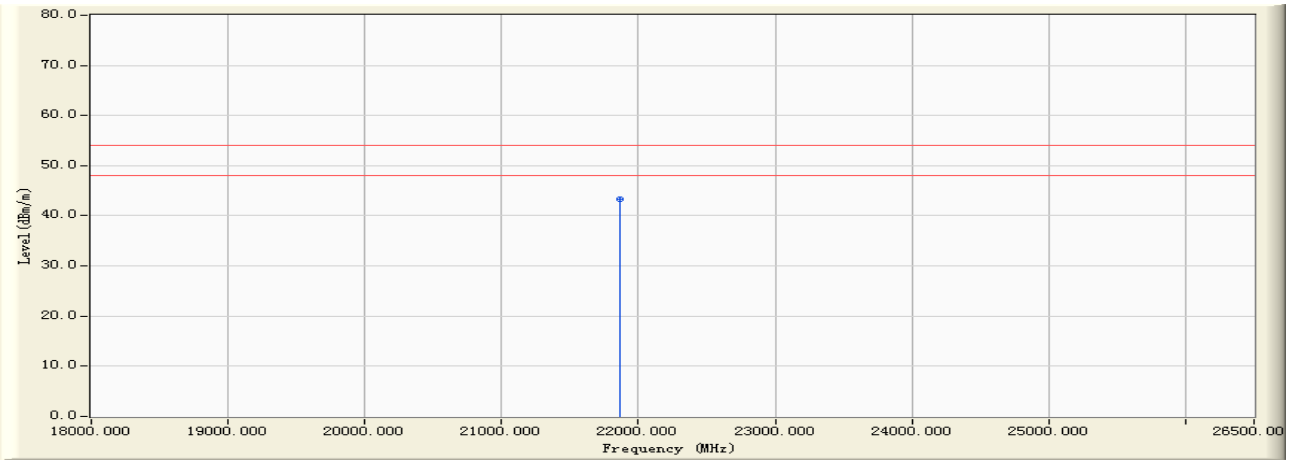


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21863.000	8.375	52.640	61.015	-12.985	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:37**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

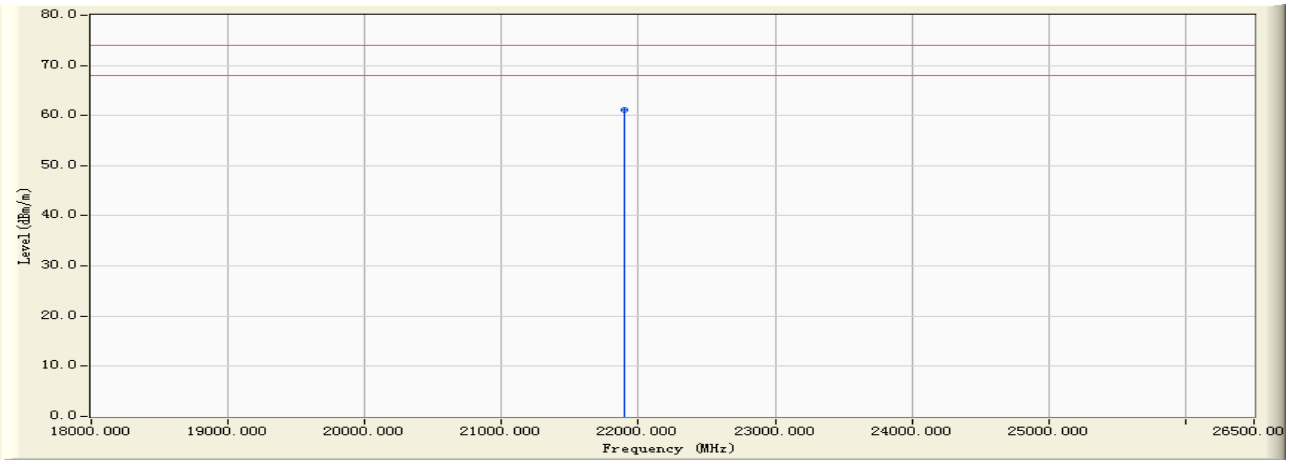


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21863.000	8.375	34.890	43.265	-10.735	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:37**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**

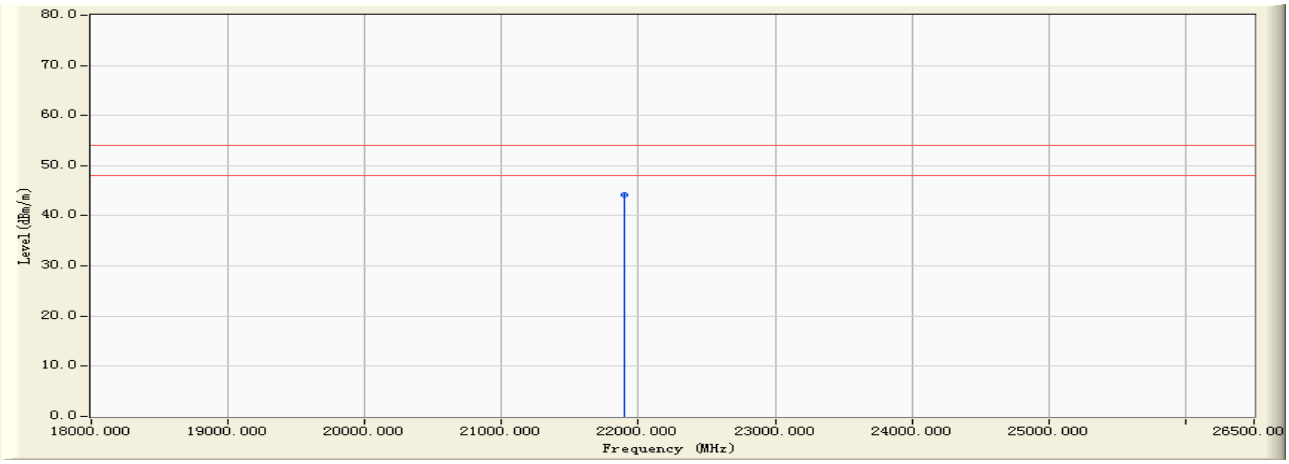


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21895.000	8.470	52.680	61.150	-12.850	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Engineer : Fred	
Site : EMC Lab AC102	**Time : 2010/11/08 - 10:37**
Limit : FCC_15_03M_AV	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9170D(18-26.5G) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 5: Receiver by BT(8DPSK) 2480M**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBm)	Measure Level (dBm/m)	Margin (dB)	Limit (dBm/m)	Detector Type
1	*	21895.000	8.470	35.670	44.140	-9.860	54.000	AVERAGE

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

5. Occupied Bandwidth

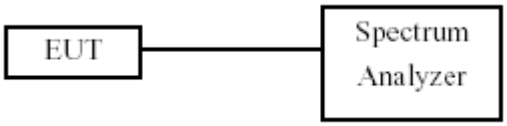
5.1. Test Limit

For frequency hopping systems operating in 2400-2483.5 MHz band, no limitation.

5.2. Test Procedures

According to FCC Public Notice DA 00-705.
Use the following spectrum analyzer settings:
Span = approximately 2 to 3 ti-mes 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, repeat this test for each variation.

5.3. Test Setup Layout



5.4. Measurement Equipment

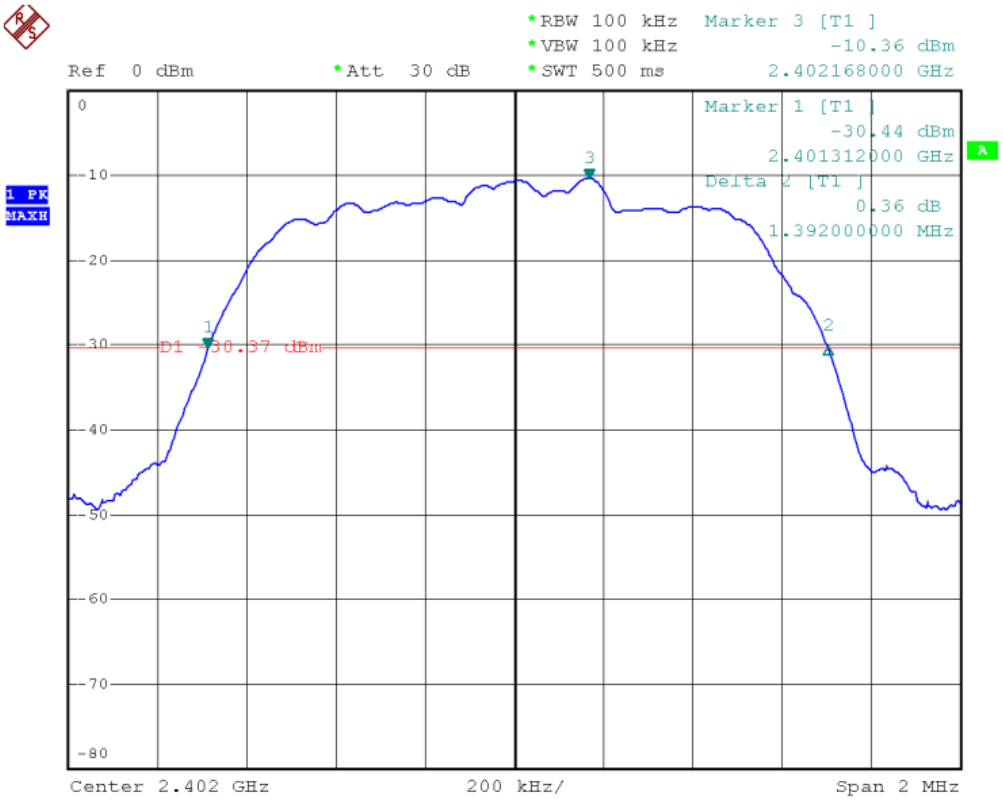
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

5.5. Test Result and Data

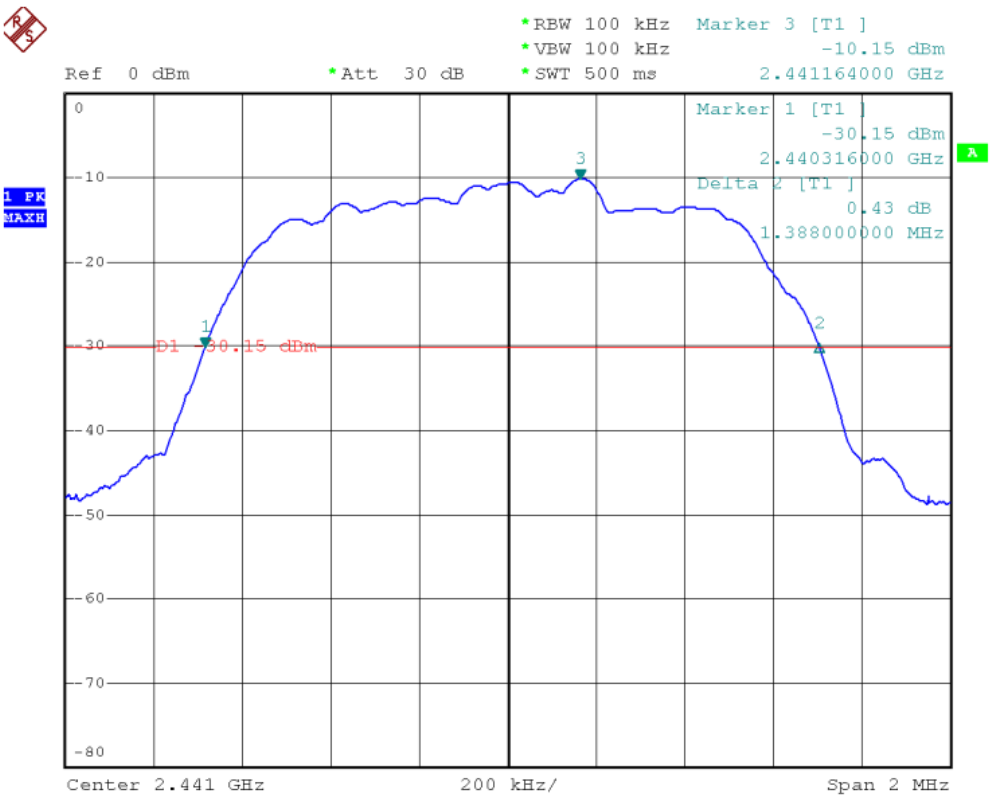
Test Item	Occupied Bandwidth
Test Mode	Mode 1: Transmit By GFSK
Test Date	2010-11-06

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1392	N/A	Pass
39	2441	1388	N/A	Pass
78	2480	1392	N/A	Pass

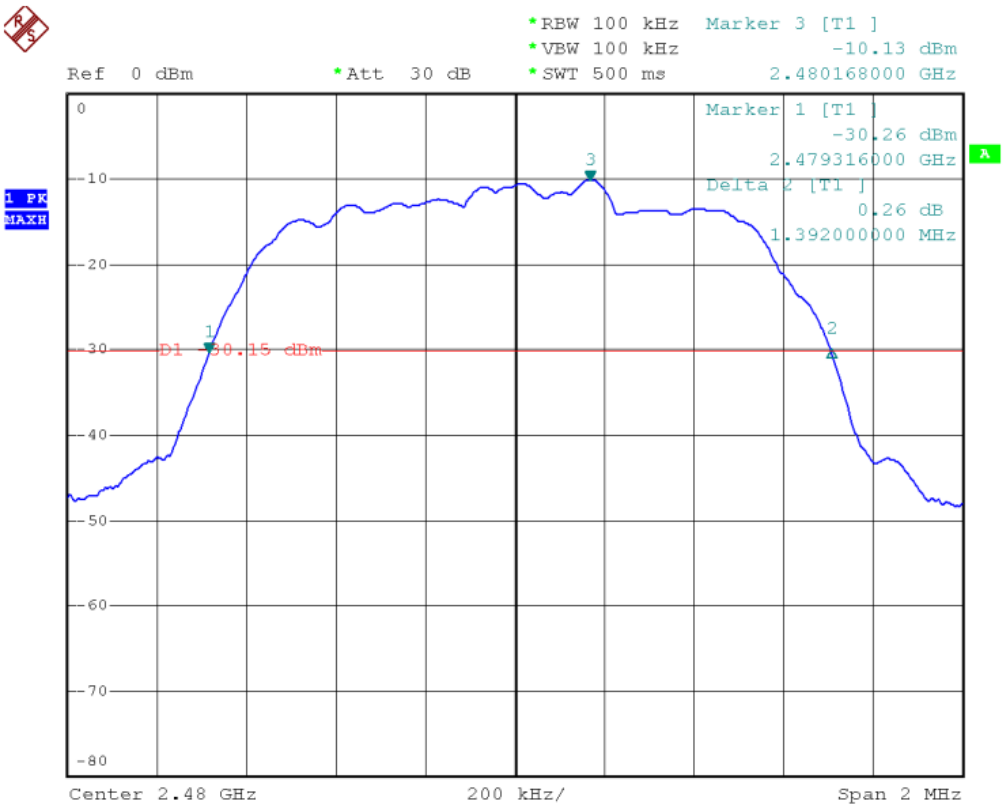
Channel 00 (2402MHz)



Channel 39 (2441MHz)



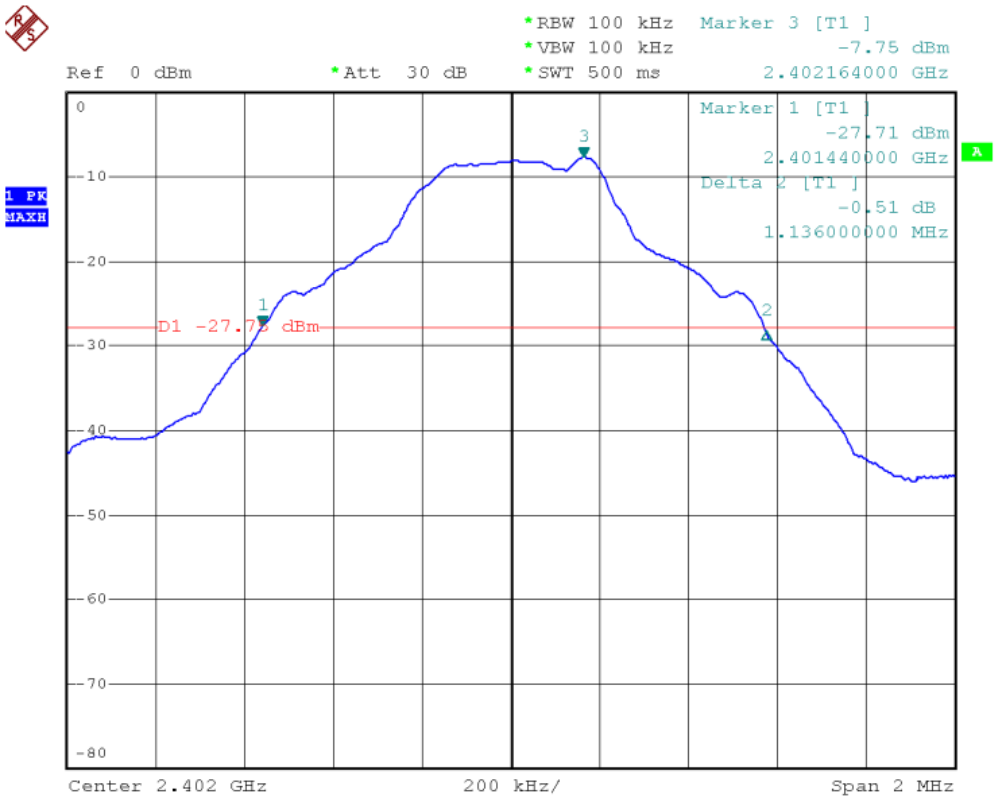
Channel 78 (2480MHz)



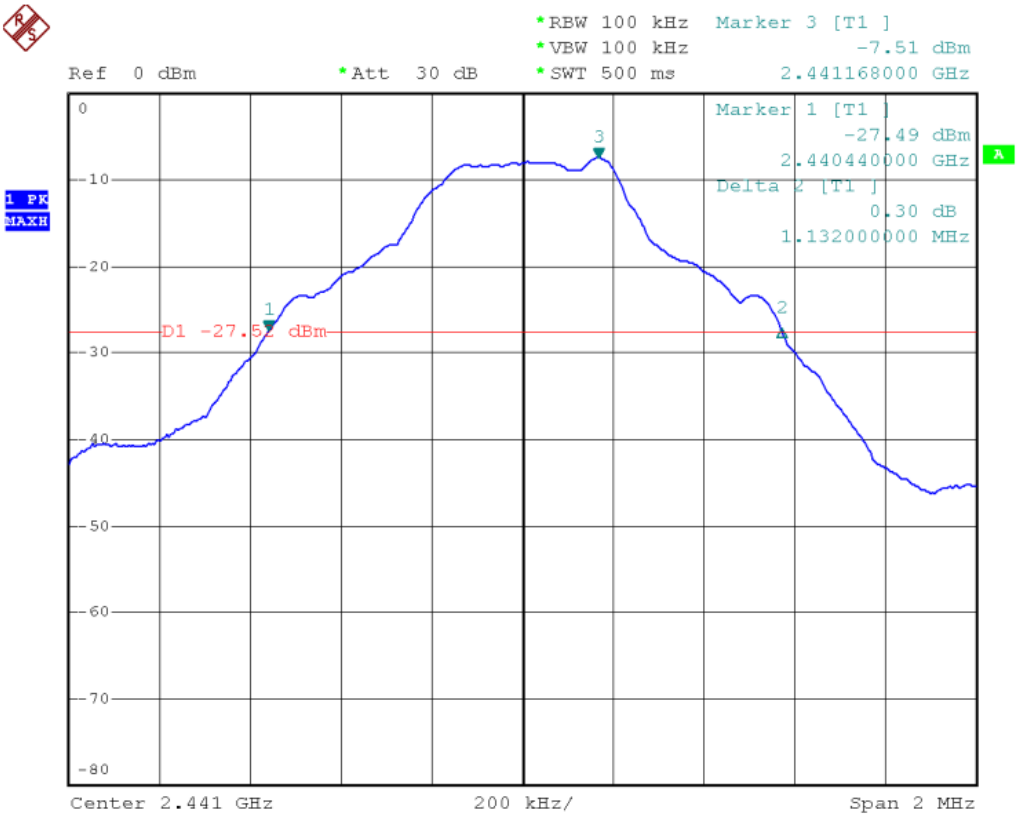
Test Item	Occupied Bandwidth
Test Mode	Mode 2: Transmit By 8DPSK
Test Date	2010-11-06

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
00	2402	1136	N/A	Pass
39	2441	1132	N/A	Pass
78	2480	1136	N/A	Pass

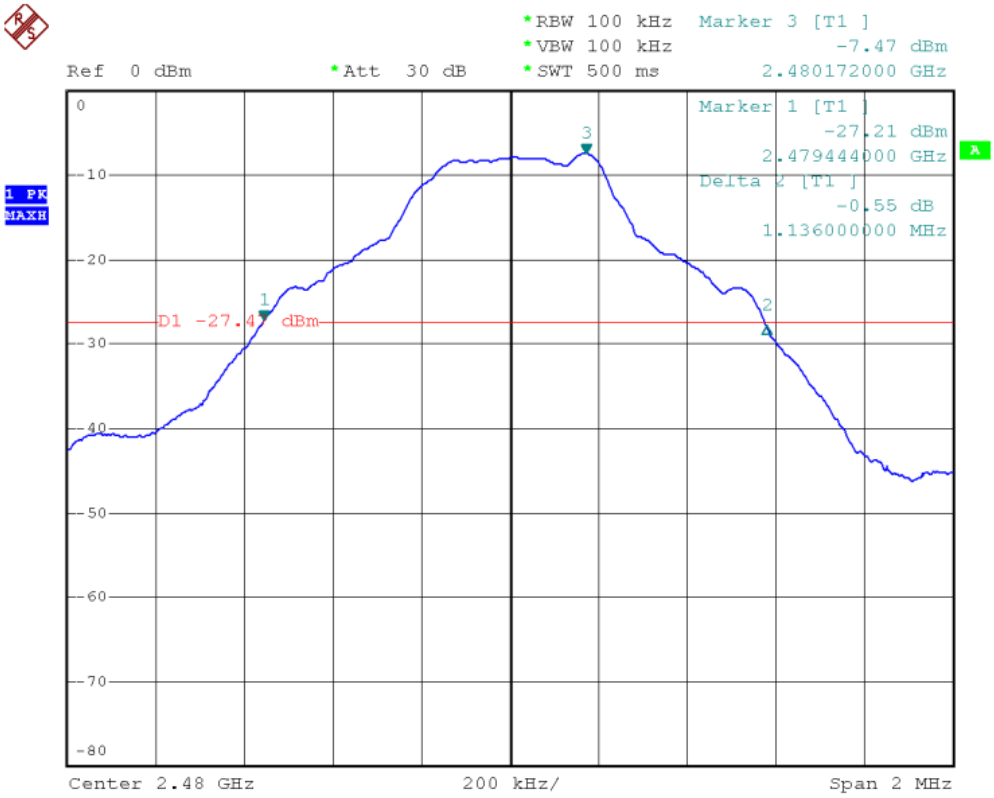
Channel 00 (2402MHz)



Channel 39 (2441MHz)



Channel 78 (2480MHz)



6. Channel Number

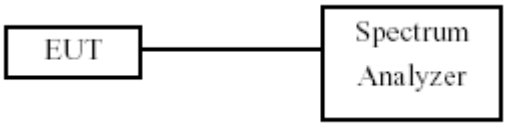
6.1. Test Limit

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

6.2. Test Procedures

According to FCC Public Notice DA 00-705. 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.

6.3. Test Setup Layout



6.4. Measurement Equipment

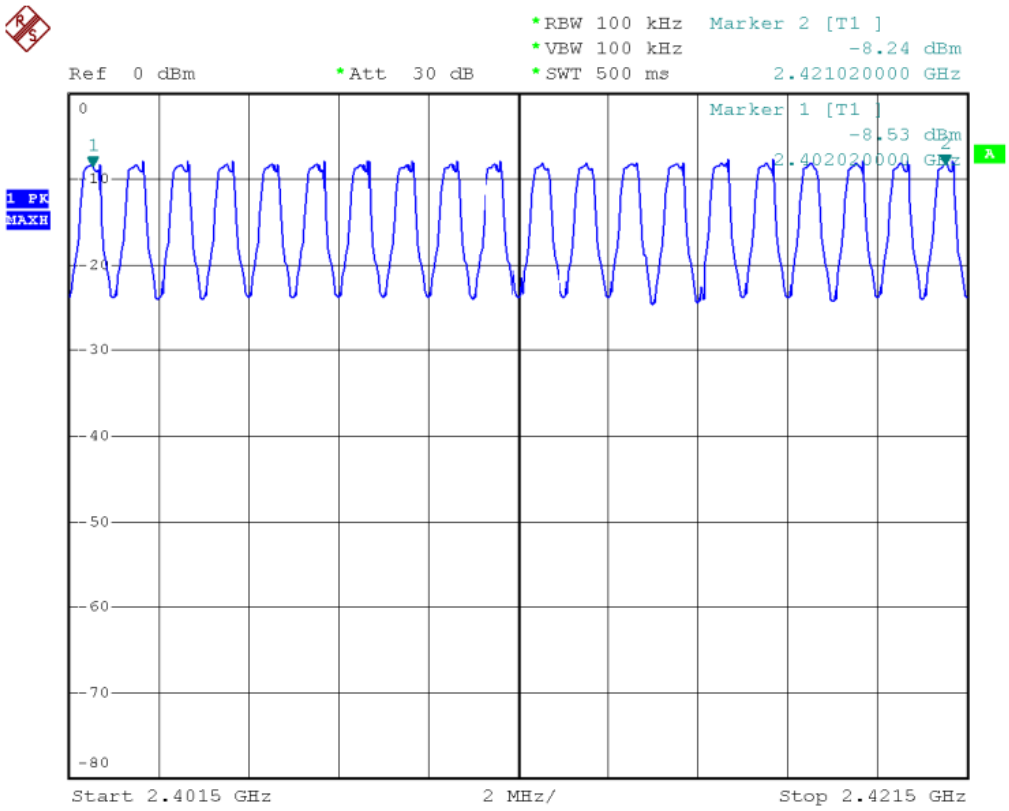
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

6.5. Test Result and Data

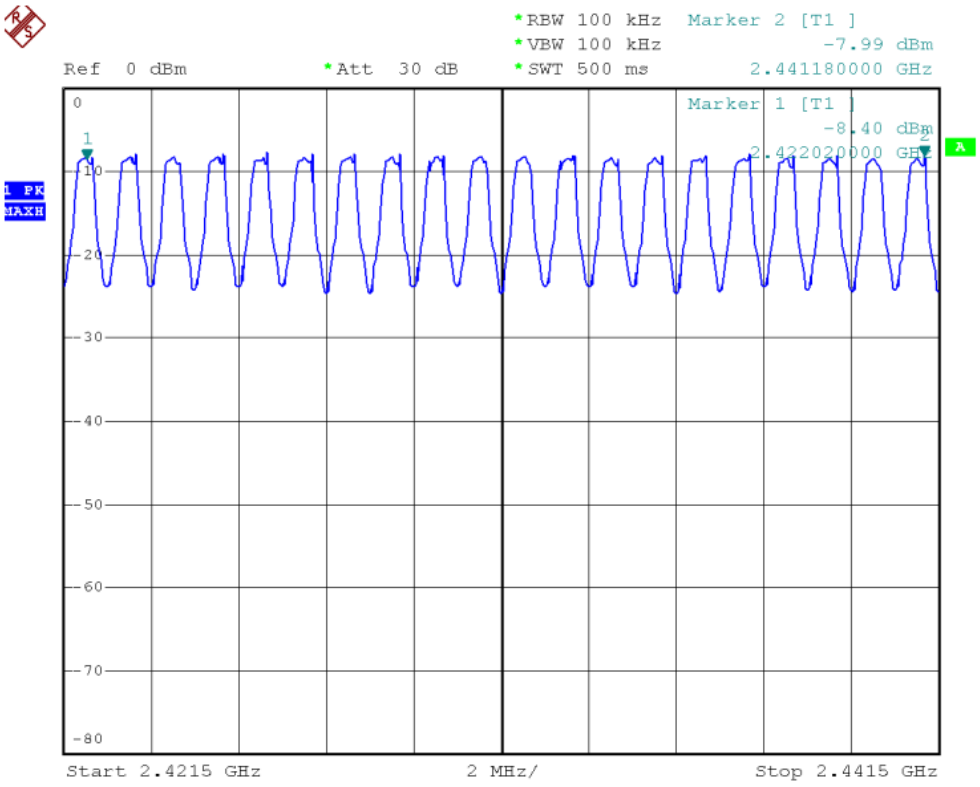
Test Item	Channel Number
Test Mode	Mode 1: Transmit By GFSK
Test Date	2010-11-08

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

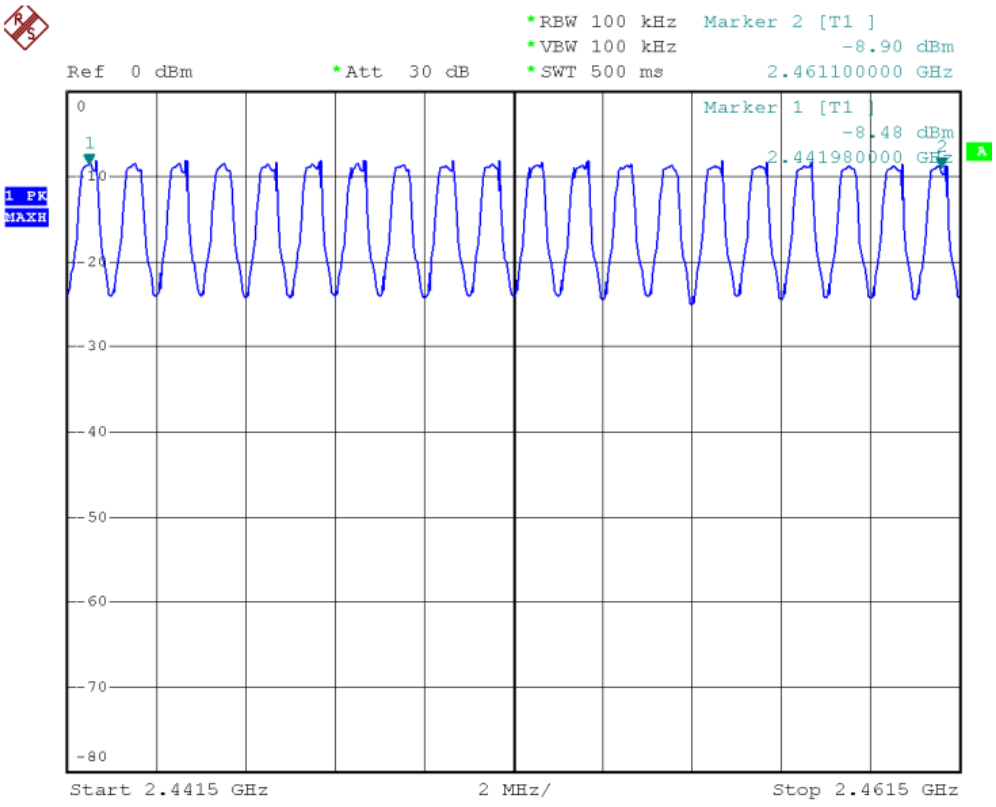
Frequency Range (2402~2421MHz)



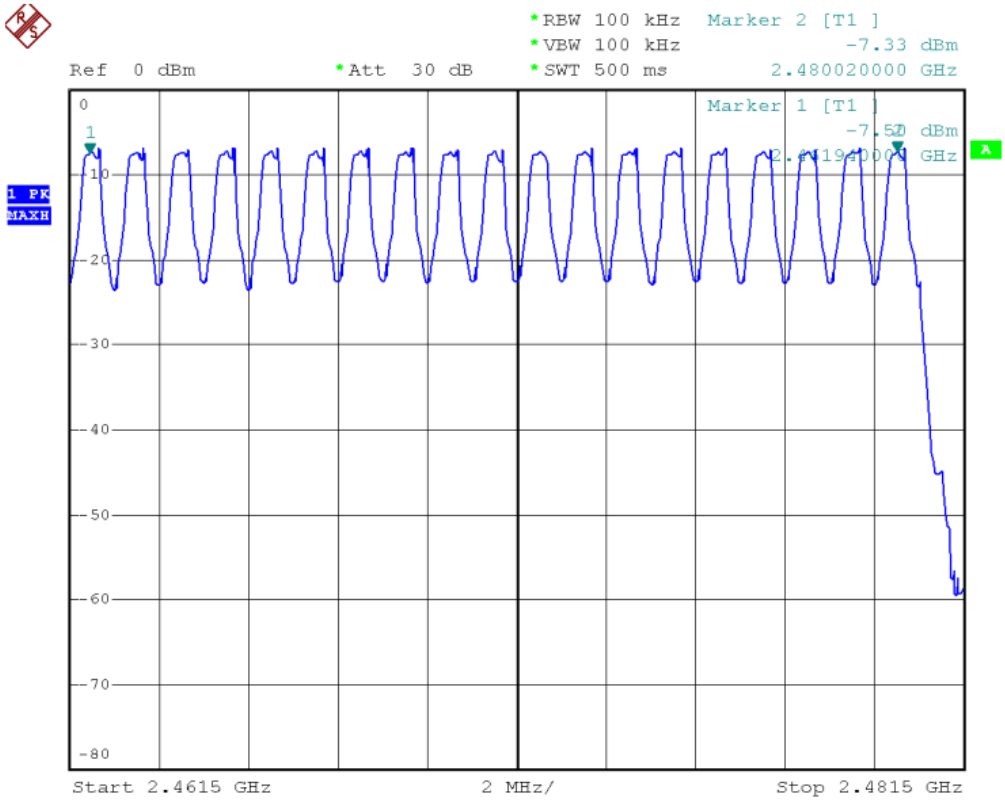
Frequency Range (2421~2441MHz)



Frequency Range (2441~2461MHz)

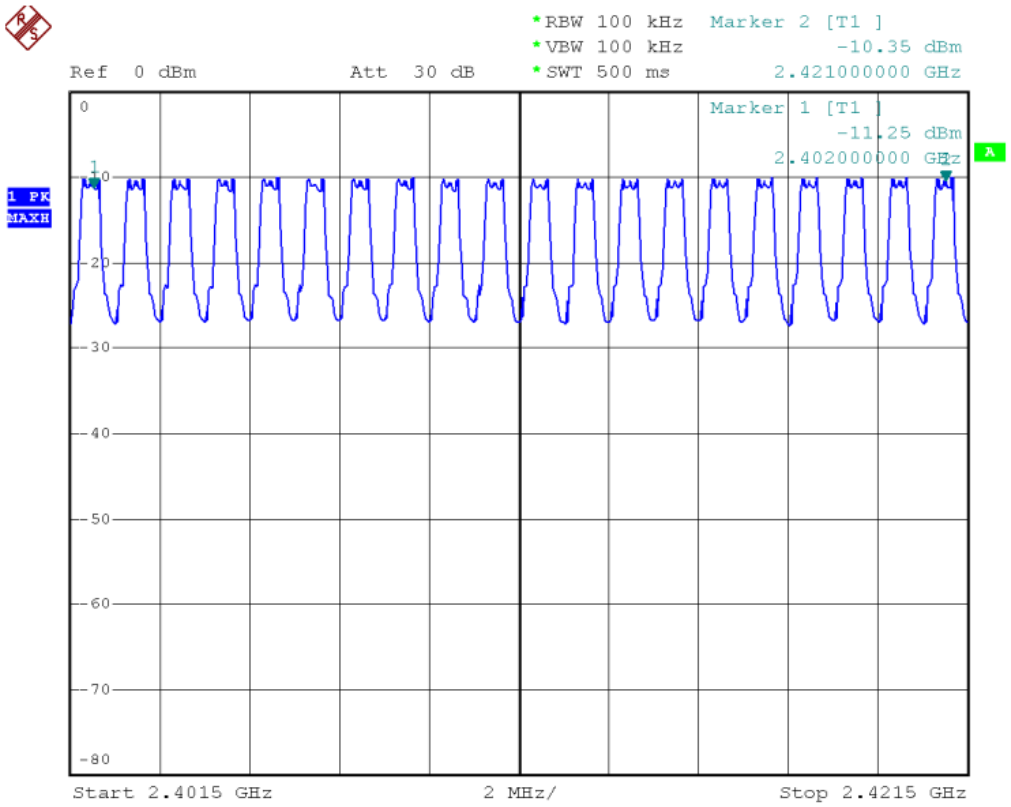


Frequency Range (2461~2481MHz)

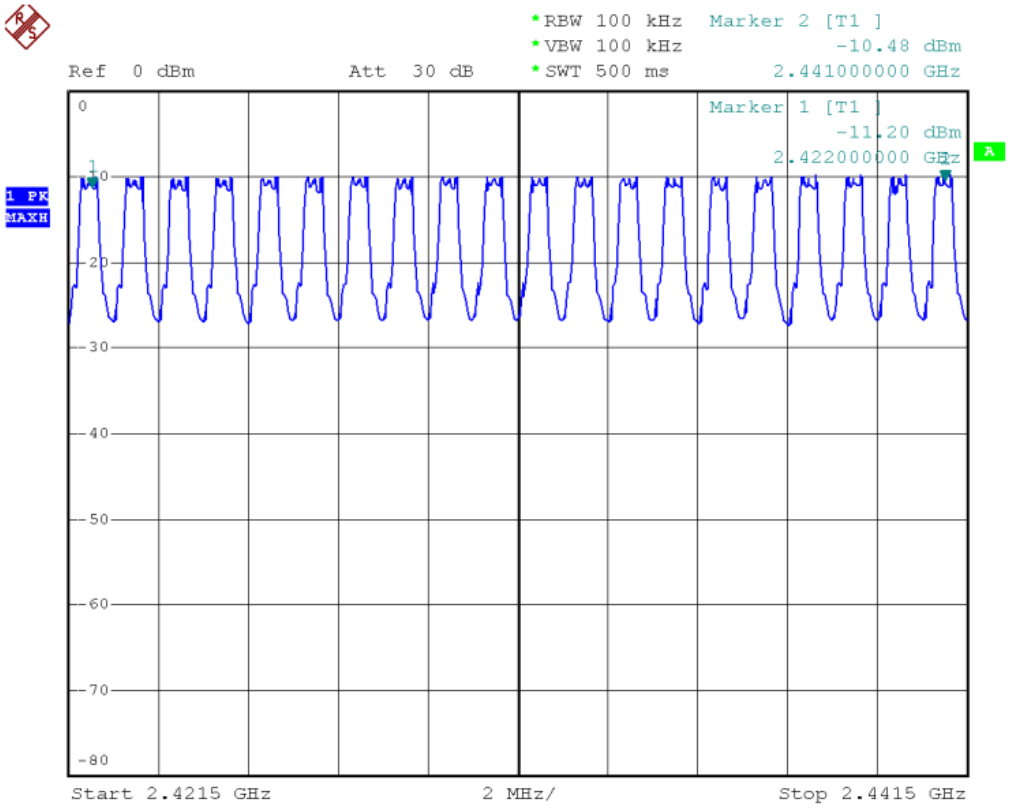


Test Item	Channel Number
Test Mode	Mode 2: Transmit By 8DPSK
Test Date	2010-11-08

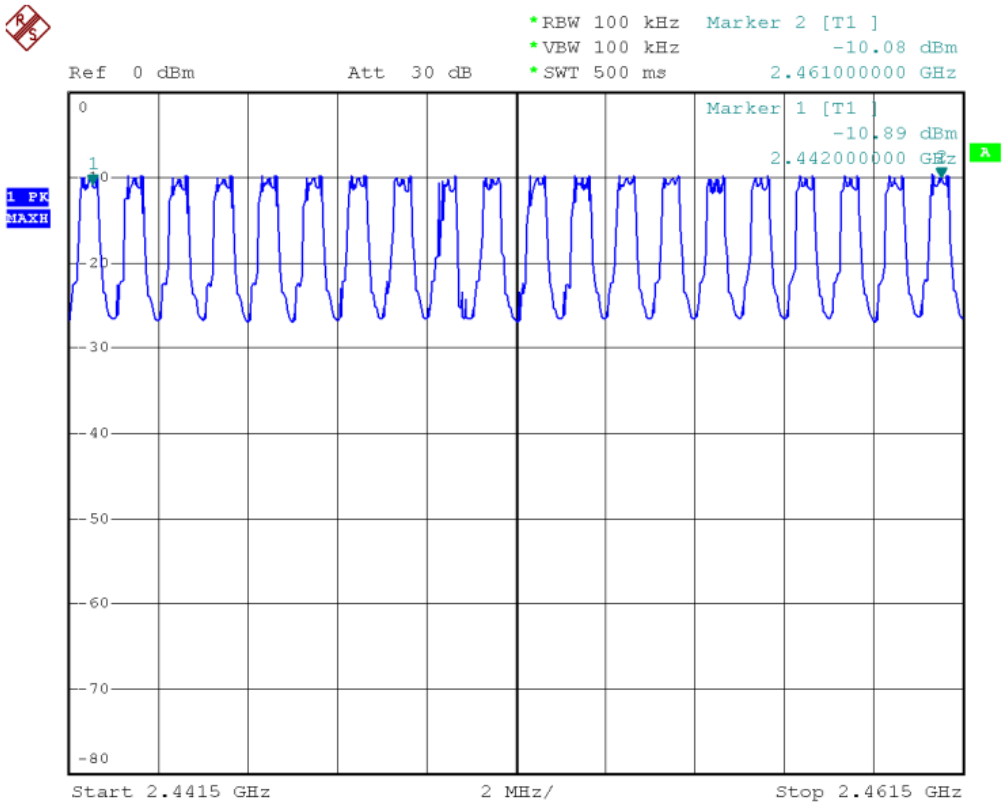
Frequency Range (2401~2421MHz)



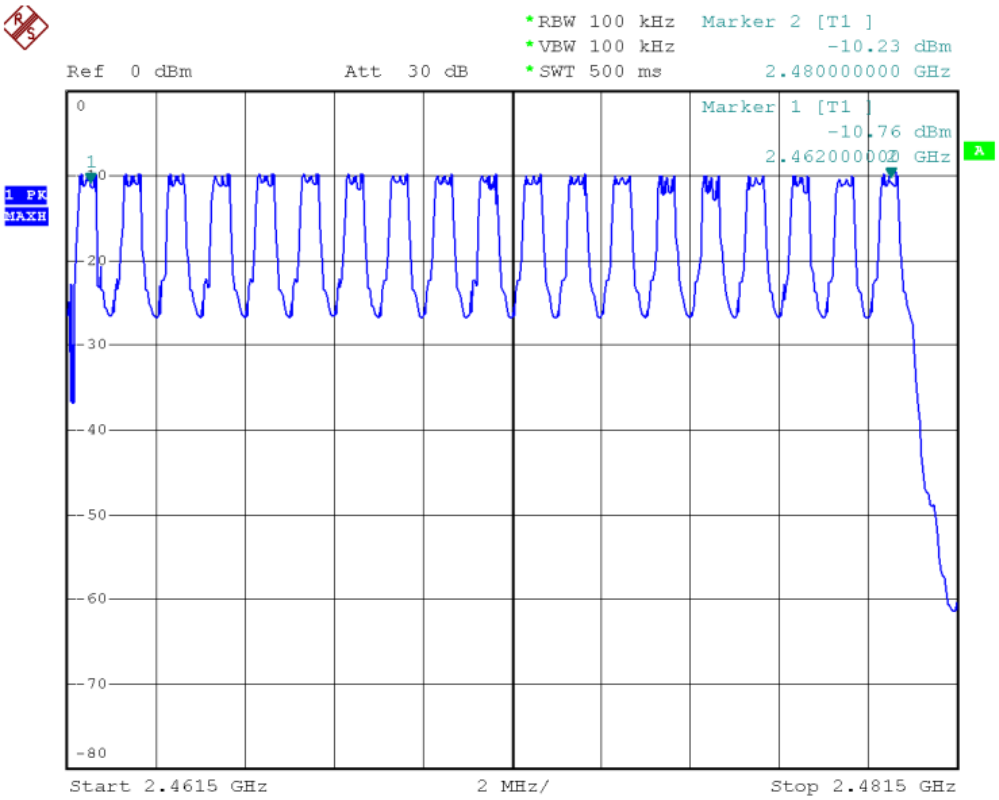
Frequency Range (2421~2441MHz)



Frequency Range (2441~24611MHz)



Frequency Range (2461~2481MHz)



7. Channel Separation

7.1. Test 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.

7.2. Test Procedures

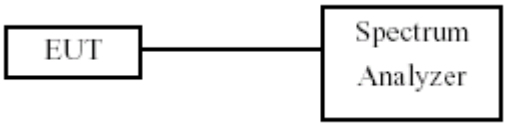
According to FCC Public Notice DA 00-705.
The EUT must have its hopping function enabled. Use the following spectrum analyzer settings:
Span = wide enough to capture the peaks of two adjacent channels
Resolution (or IF) Bandwidth (RBW) ≧ 1% of the span
Video (or Average) Bandwidth VBW ≧ RBW
Sweep = auto

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.

7.3. Test Setup Layout



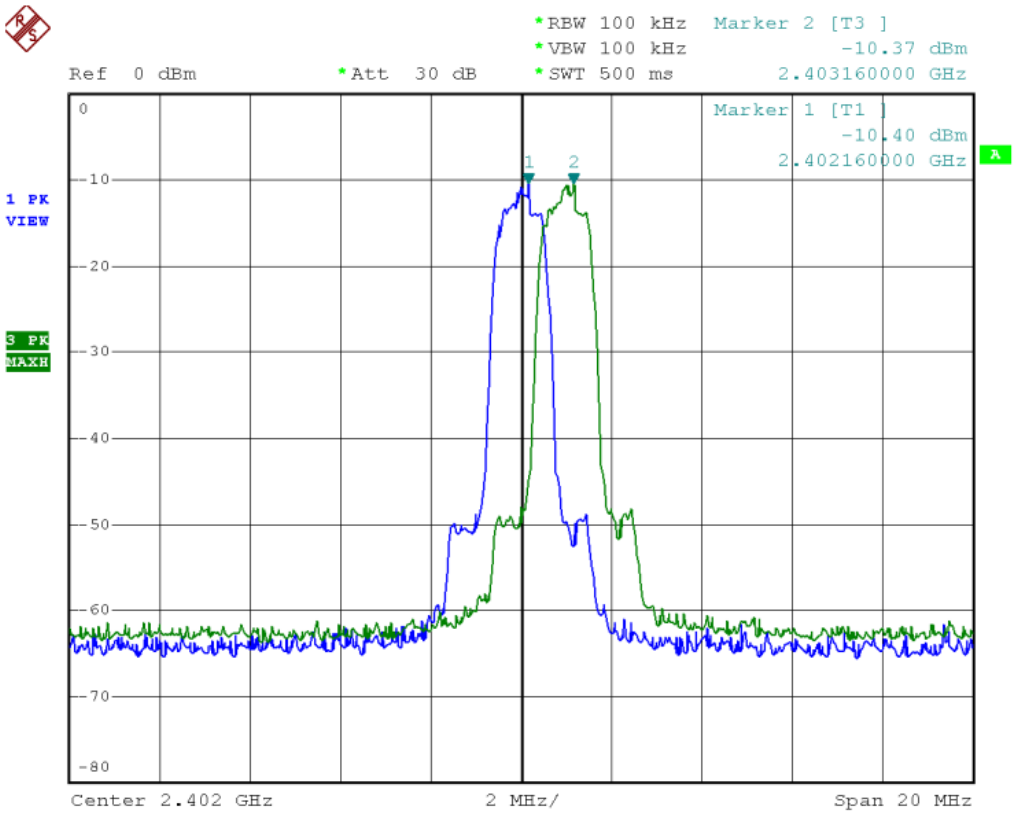
7.4. Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

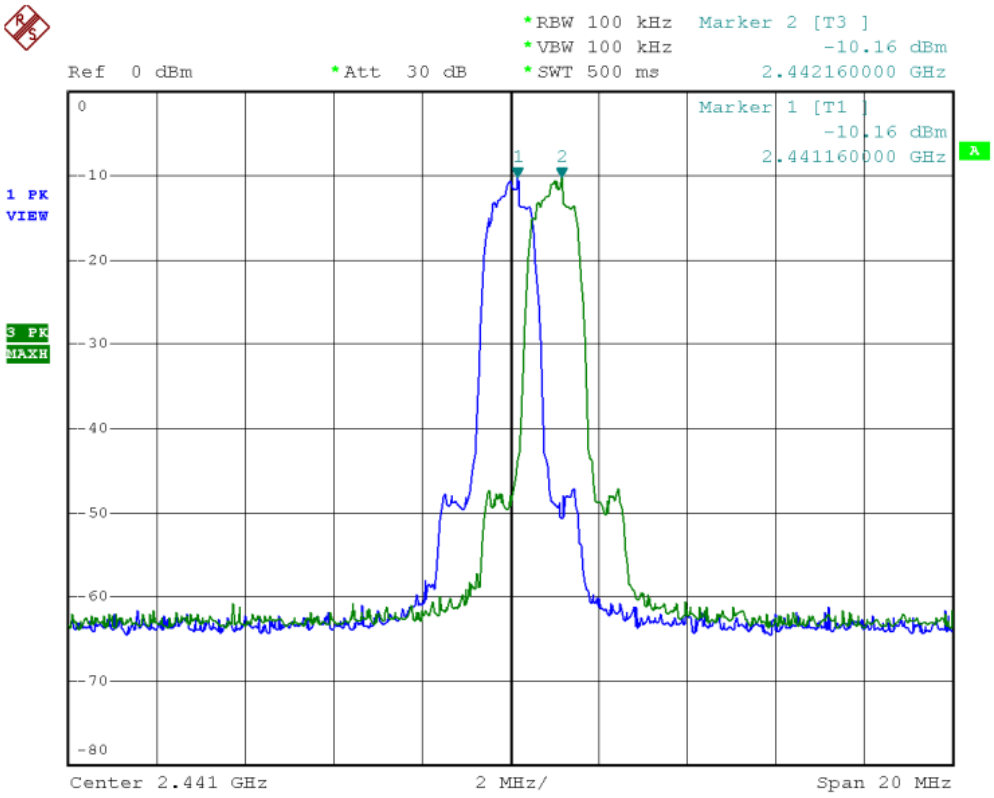
7.5. Test Result and Data

Test Item	Channel Separation
Test Mode	Mode 1: Transmit By GFSK
Test Date	2010-11-08

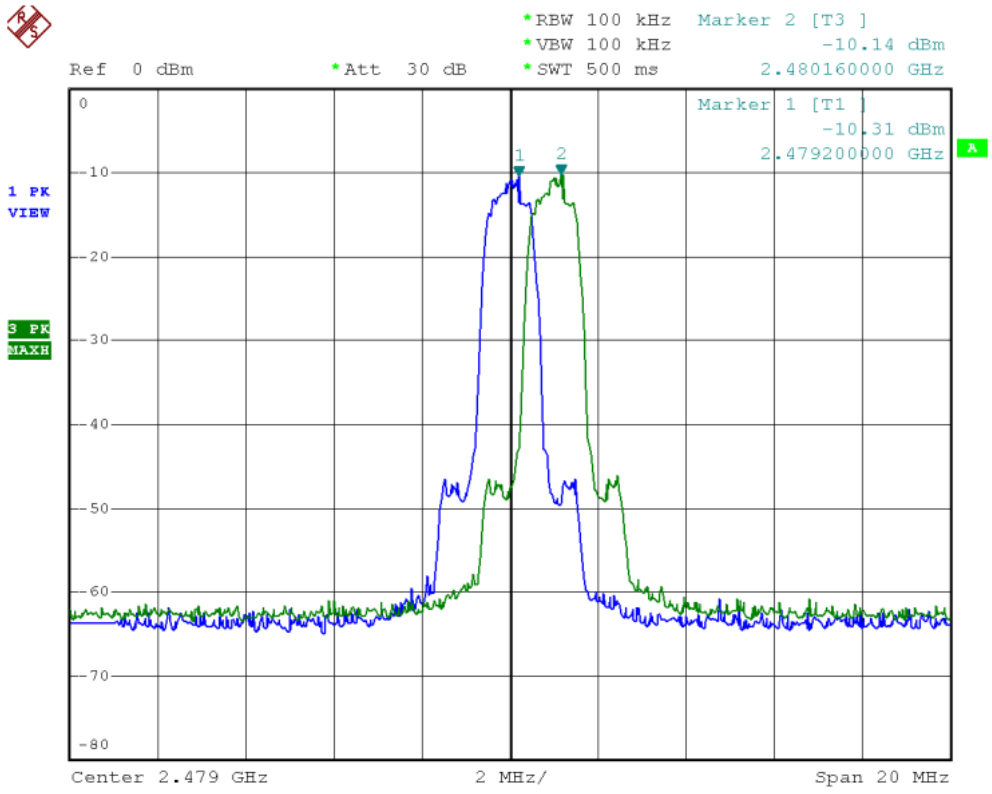
2402MHz-2403MHz



2441MHz-2442MHz

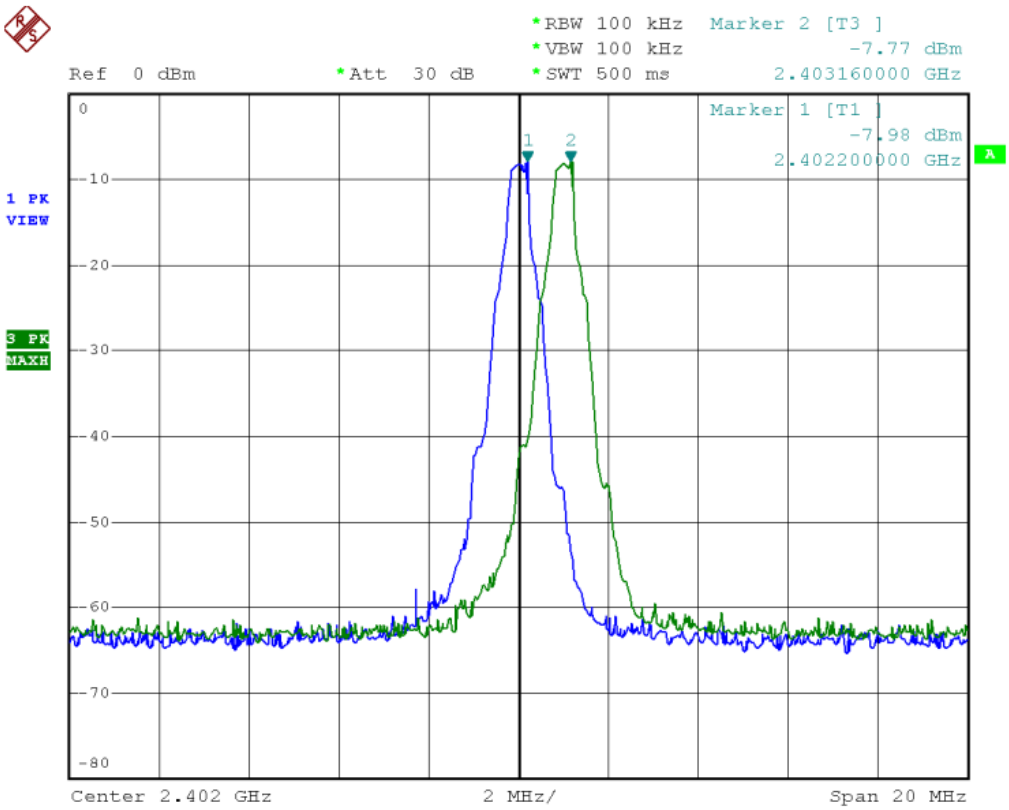


2479MHz-2480MHz

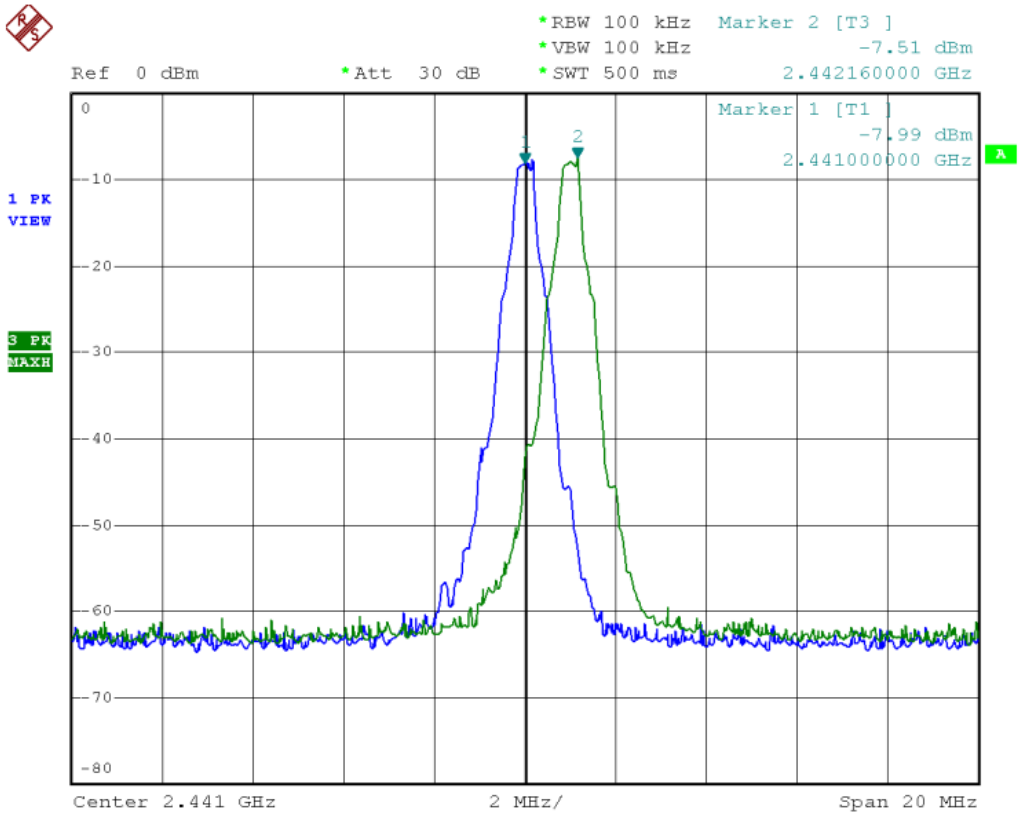


Test Item	Channel Separation
Test Mode	Mode 2: Transmit By 8DPSK
Test Date	2010-11-08

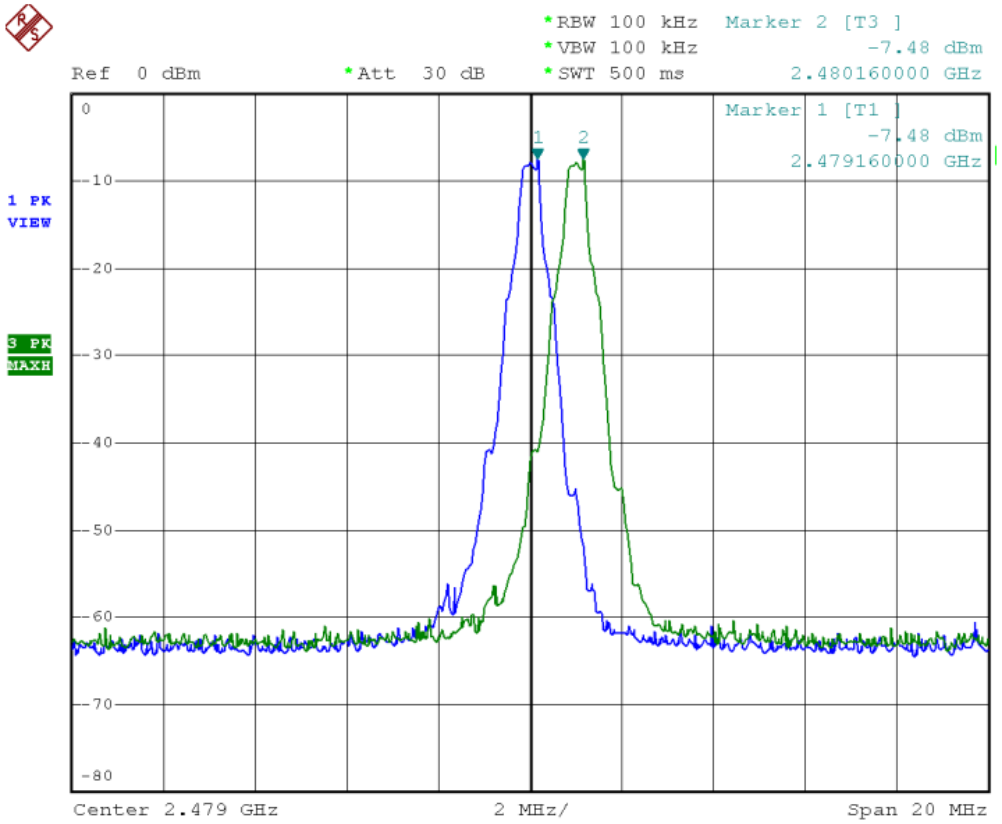
2402MHz-2403MHz



2441MHz-2442MHz



2479MHz-2480MHz



8. Dwell time

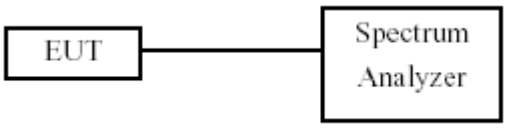
8.1. Test Limit

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.

8.2. Test Procedure

According to FCC Public Notice DA 00-705. 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.

8.3. Test Setup Layout



8.4. Measurement Equipment

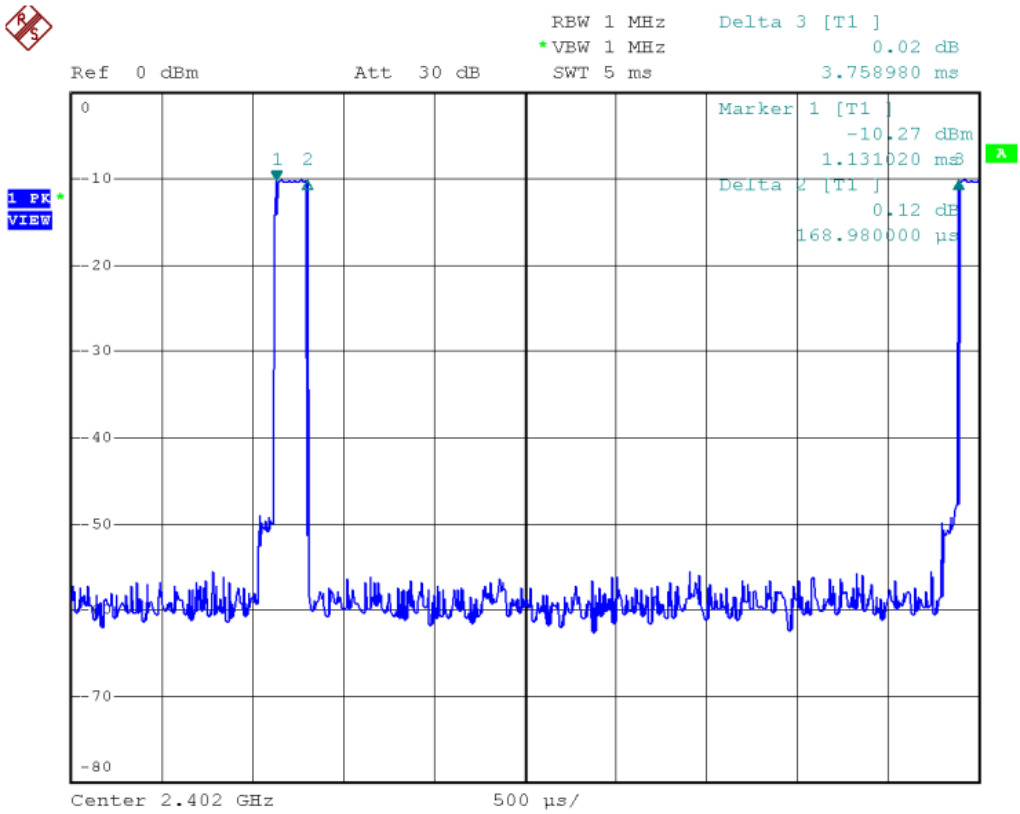
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

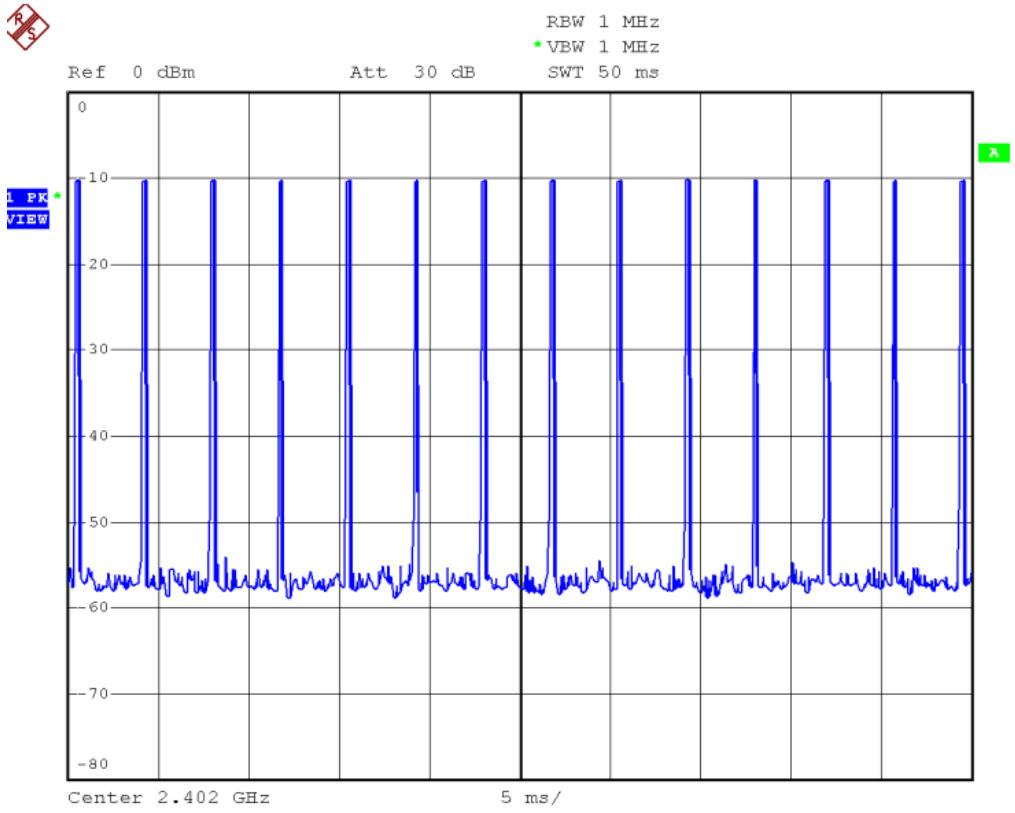
8.5. Test Result and Data

Test Item	Dwell time
Test Mode	Mode 1: Transmit By GFSK
Test Date	2010-11-08

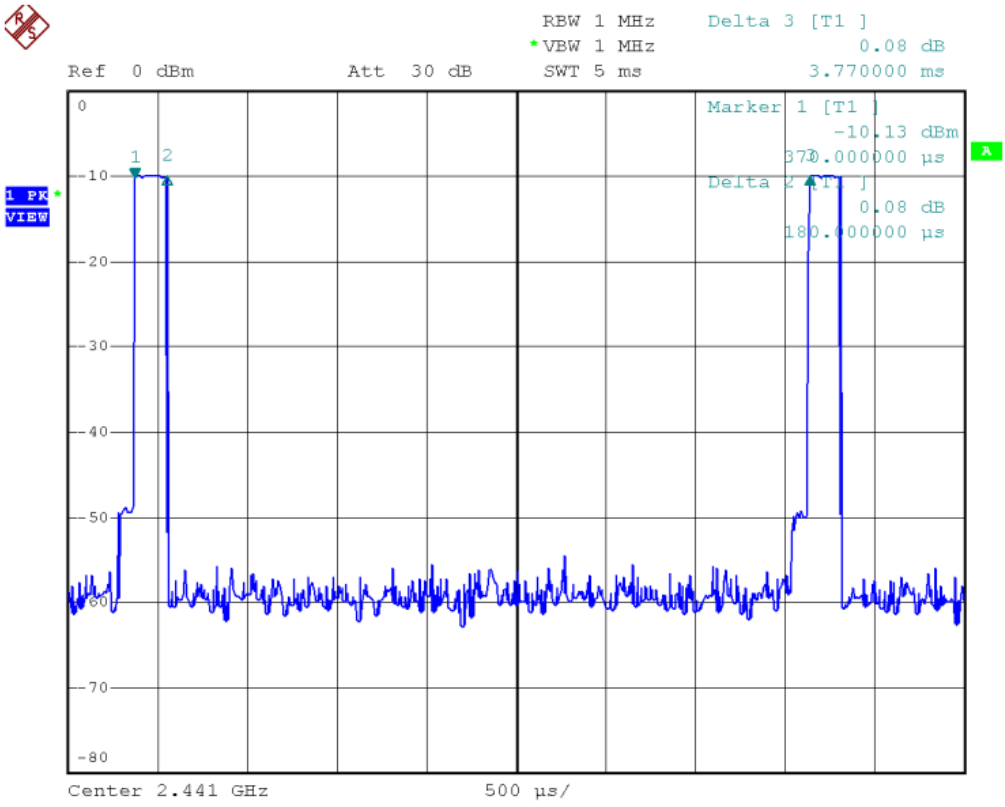
Frequency (MHz)	Measurement Level (ms)	Required Limit (sec.)	Result
2402	189.53	< 0.4	Pass
2441	201.89	< 0.4	Pass
2480	190.67	< 0.4	Pass

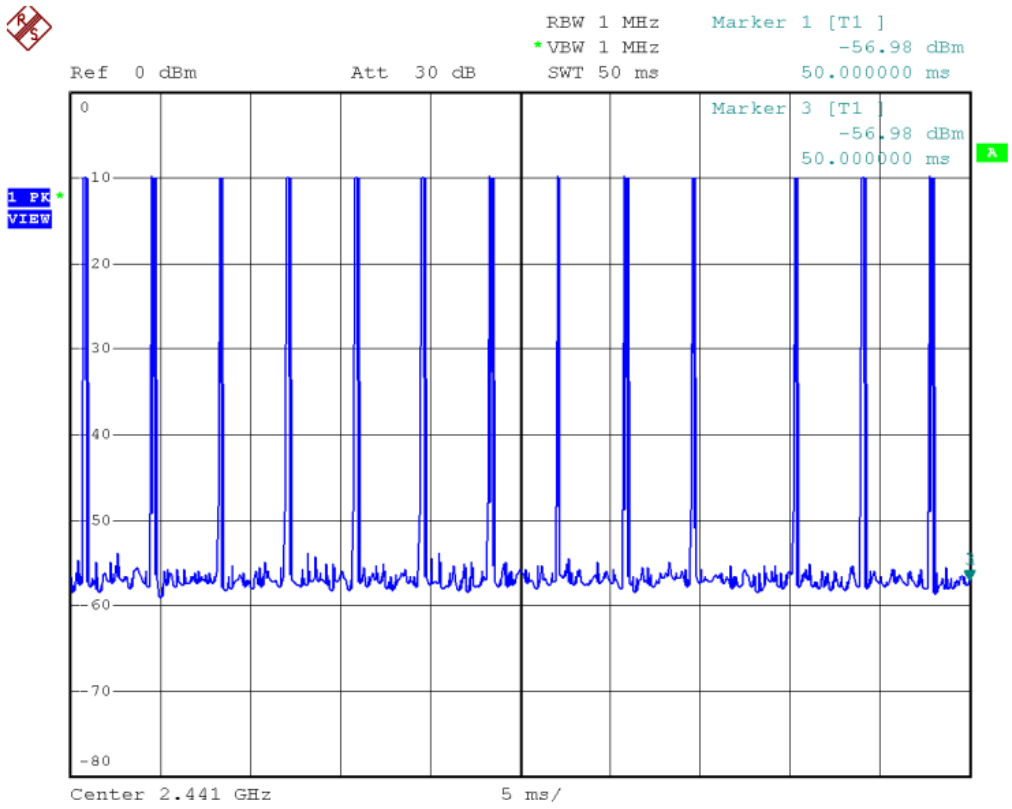
2402MHz



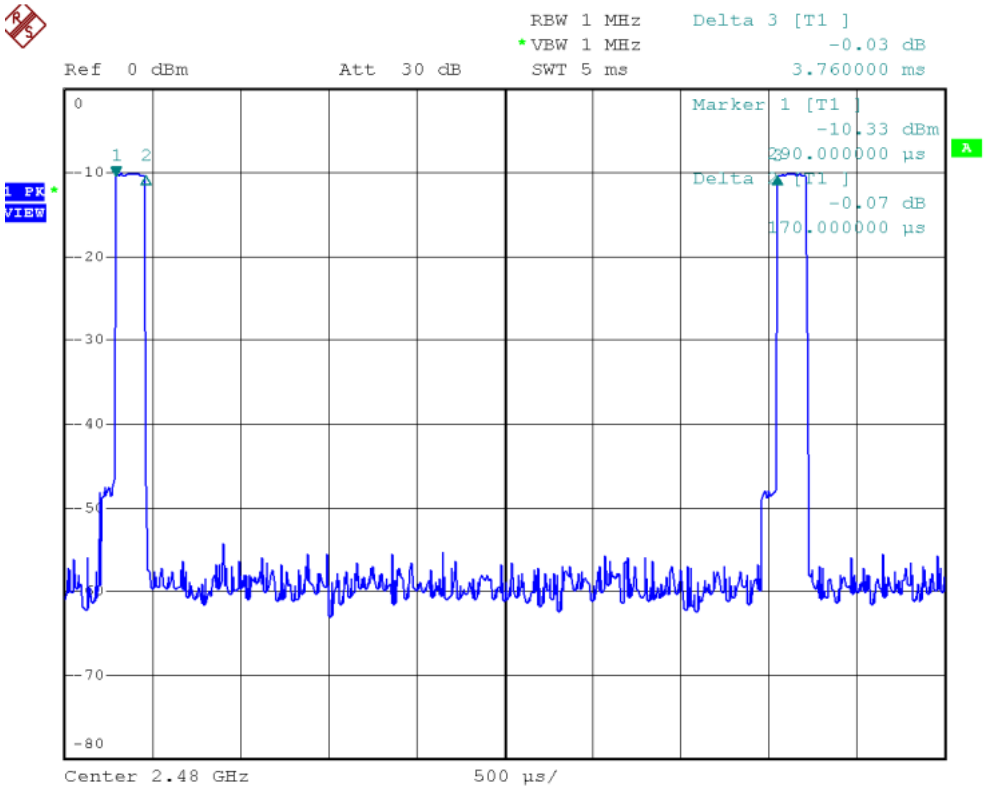

RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
Att 30 dB
SWT 50 ms
1 PK
VIEW
A
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.402 GHz
5 ms/

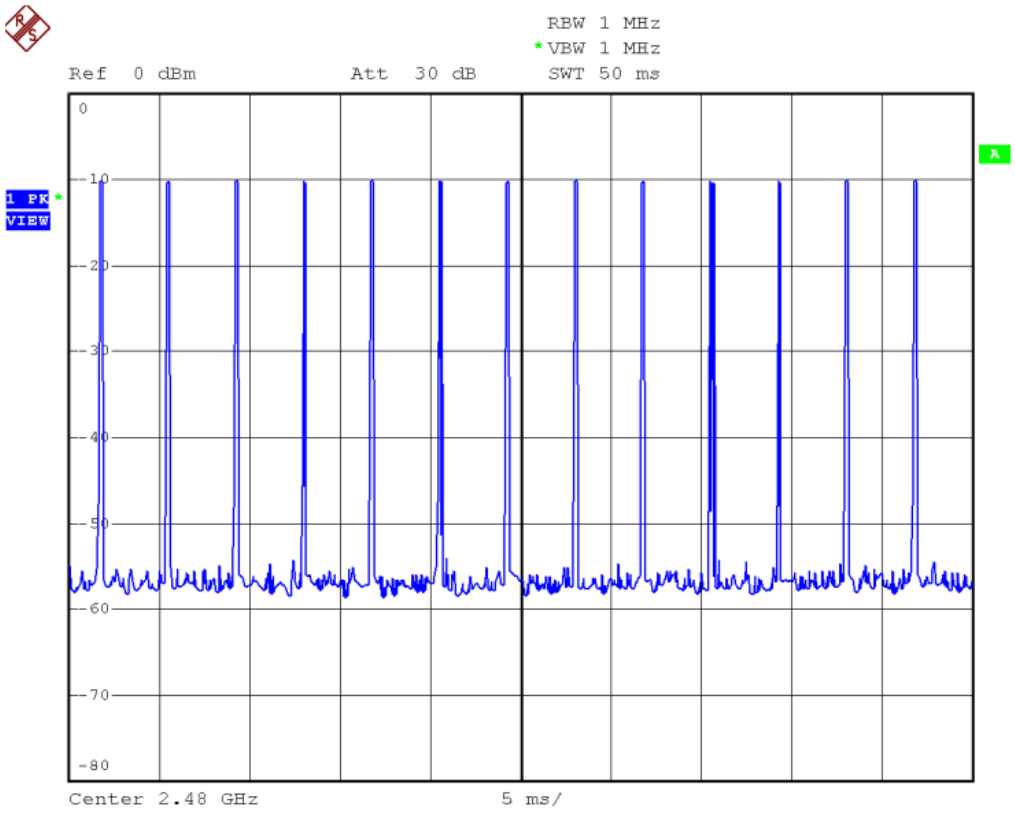
2441MHz


RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
Att 30 dB
SWT 5 ms
Delta 3 [T1]
0.08 dB
3.770000 ms
Marker 1 [T1]
-10.13 dBm
3770.000000 µs
Delta 2 [T1]
0.08 dB
180.000000 µs
1 PK
VIEW
A
1
2
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.441 GHz
500 µs/


RBW 1 MHz
*VBW 1 MHz
SWT 50 ms
Marker 1 [T1]
-56.98 dBm
50.000000 ms
Ref 0 dBm
Att 30 dB
Marker 3 [T1]
-56.98 dBm
50.000000 ms
1 PK VIEW
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.441 GHz
5 ms/

2480MHz

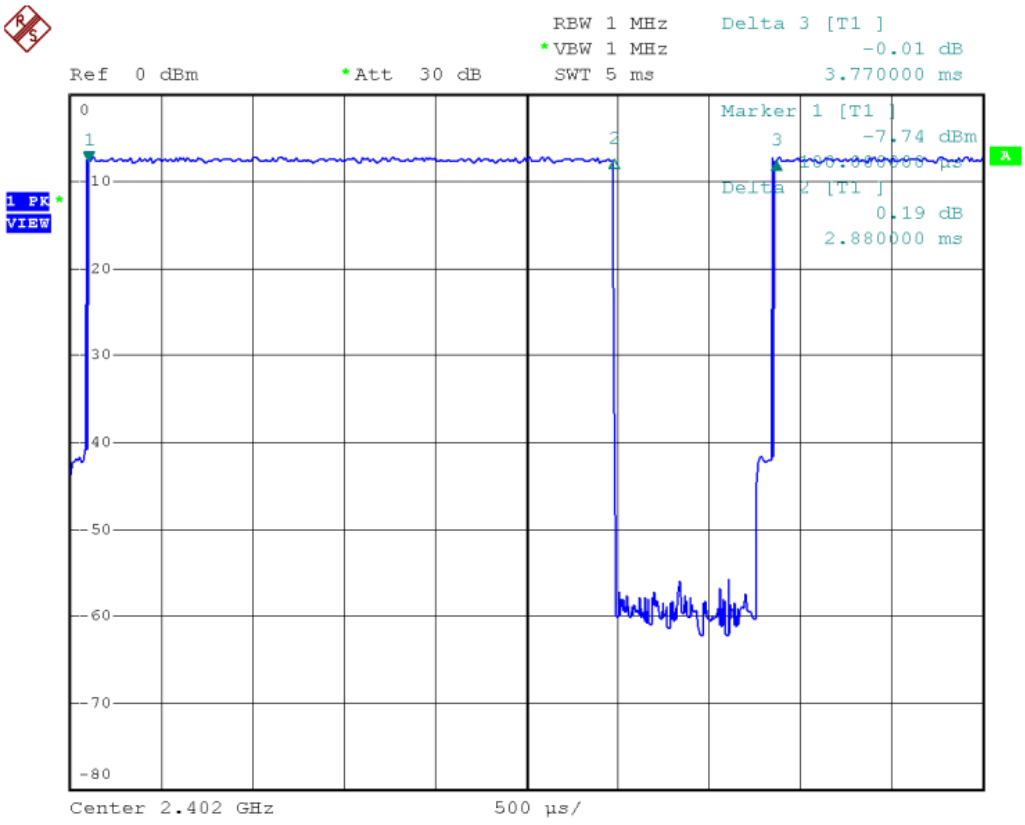

RBW 1 MHz
*VBW 1 MHz
SWT 5 ms
Delta 3 [T1]
-0.03 dB
3.760000 ms
Ref 0 dBm
Att 30 dB
Marker 1 [T1]
-10.33 dBm
290.000000 µs
Delta 1 [T1]
-0.07 dB
170.000000 µs
1 PK VIEW
0
-10
-20
-30
-40
-50
-70
-80
Center 2.48 GHz
500 µs/

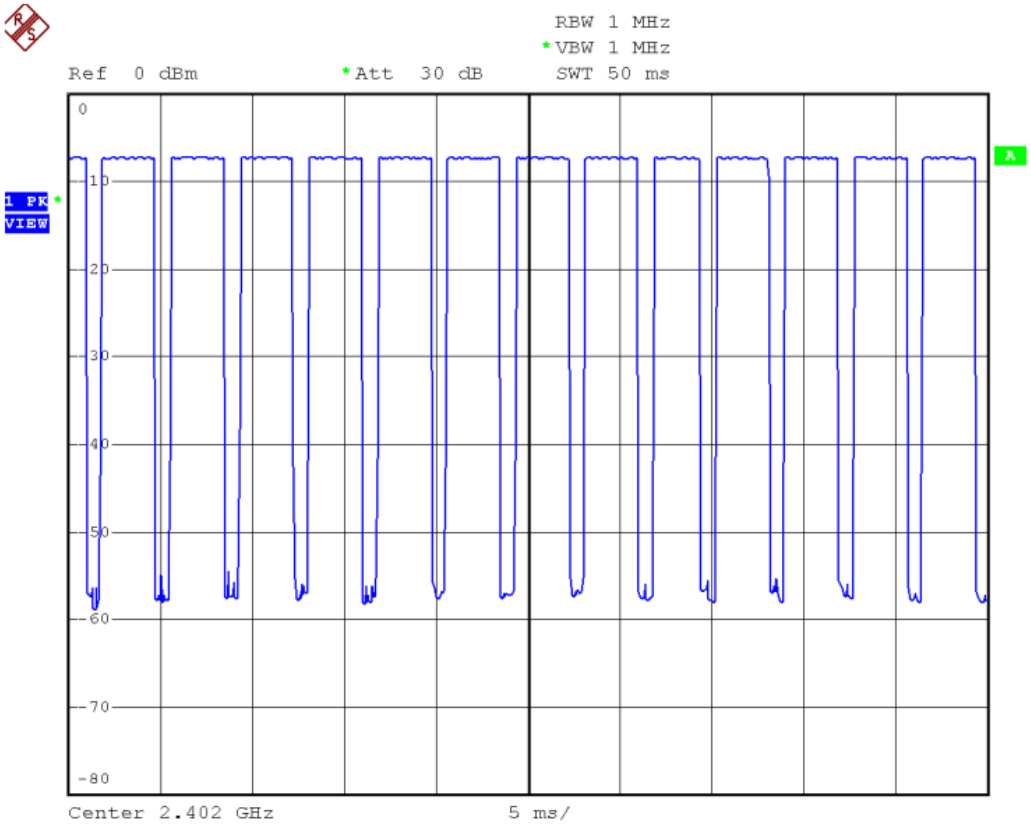

RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
Att 30 dB
SWT 50 ms
0
-10
-20
-30
-40
-50
-60
-70
-80
1 PK
VIEW
A
Center 2.48 GHz
5 ms/

Test Item	Dwell time
Test Mode	Mode 2: Transmit By 8DPSK
Test Date	2010-11-08

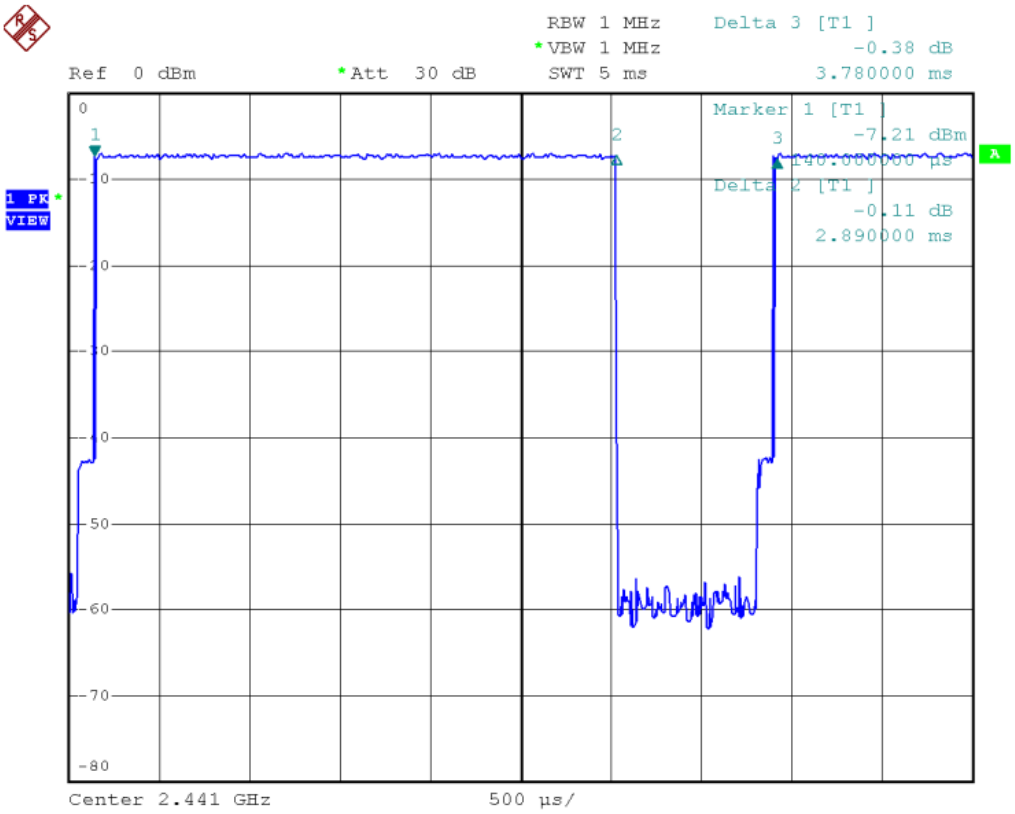
Frequency (MHz)	Measurement Level (ms)	Required Limit (sec.)	Result
2402	118.89	< 0.4	Pass
2441	157.02	< 0.4	Pass
2480	100.94	< 0.4	Pass

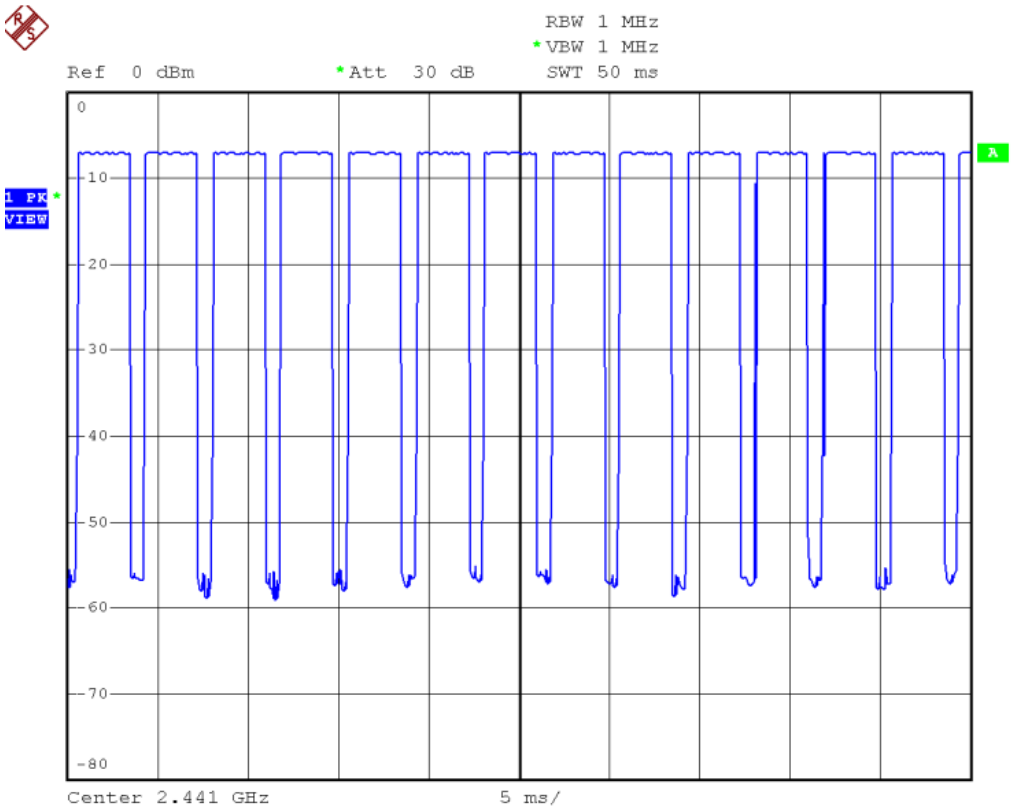
2402MHz



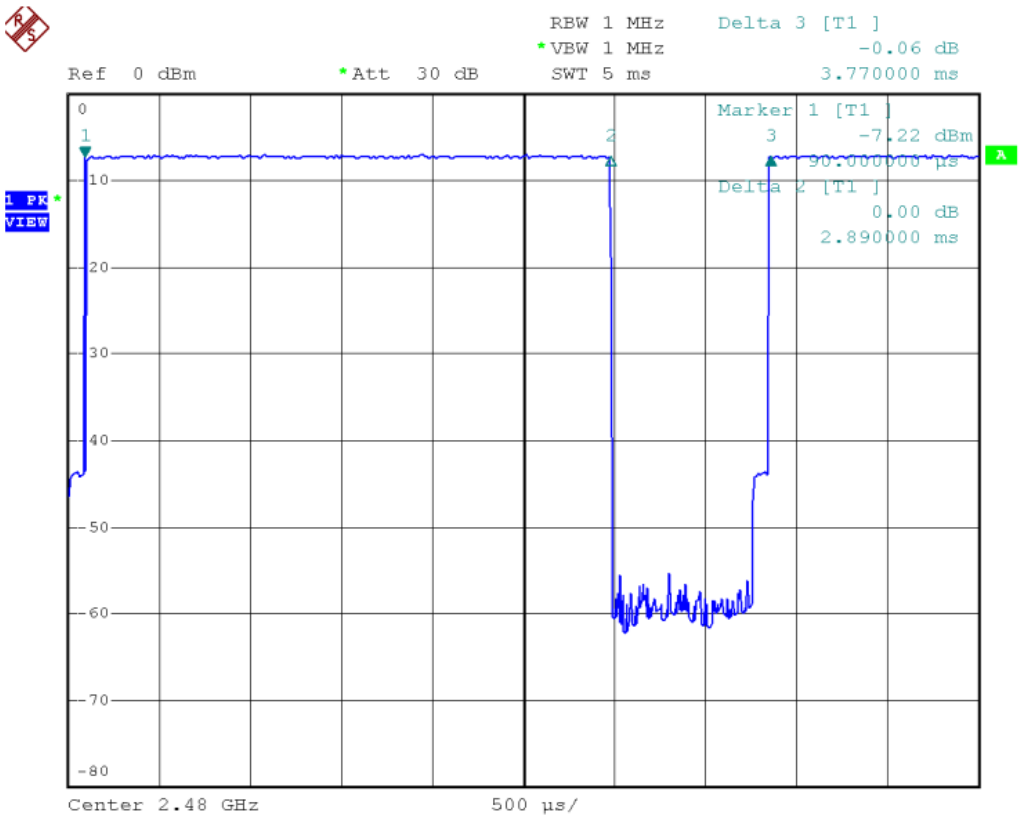

RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
*Att 30 dB
SWT 50 ms
1 PK VIEW
A
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.402 GHz
5 ms/

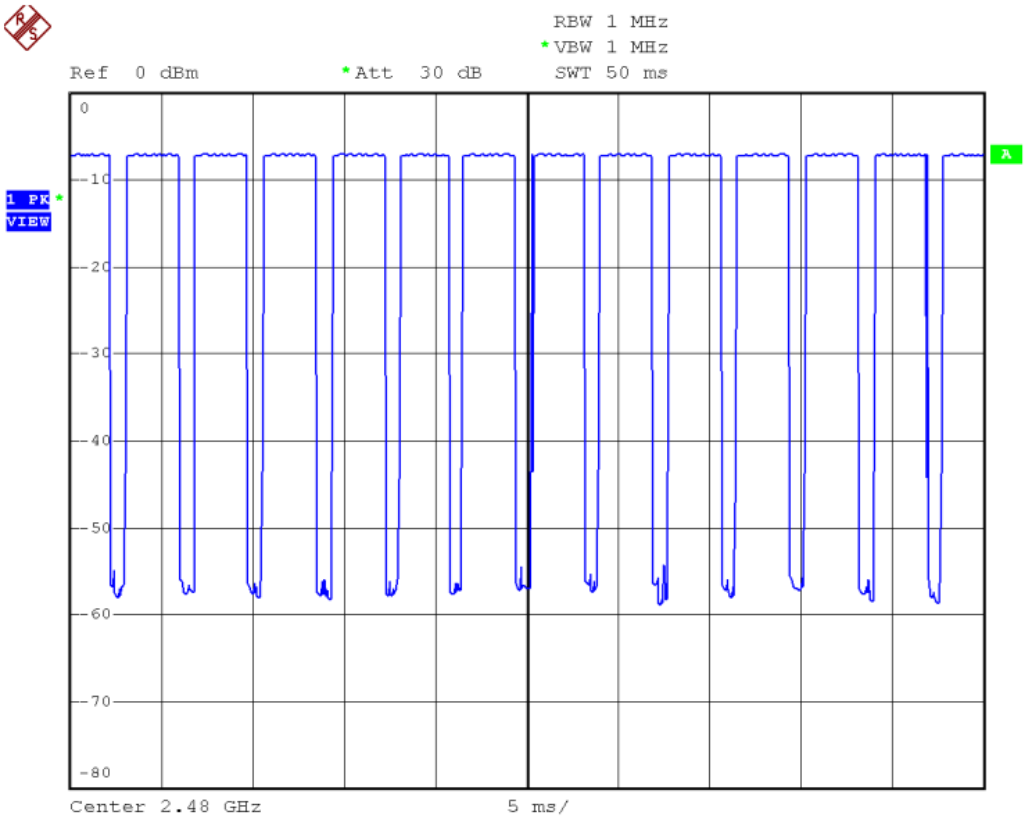
2441MHz


RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
*Att 30 dB
SWT 5 ms
Delta 3 [T1]
-0.38 dB
3.780000 ms
Marker 1 [T1]
-7.21 dBm
Delta 2 [T1]
-0.11 dB
2.890000 ms
1 PK VIEW
A
0
-10
-20
-30
-40
-50
-60
-70
-80
Center 2.441 GHz
500 µs/


RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
*Att 30 dB
SWT 50 ms
1 PK
VIEW
A
0
10
20
30
40
50
60
70
-80
Center 2.441 GHz
5 ms/

2480MHz


RBW 1 MHz
*VBW 1 MHz
Ref 0 dBm
*Att 30 dB
SWT 5 ms
Delta 3 [T1]
-0.06 dB
3.770000 ms
Marker 1 [T1]
-7.22 dBm
Delta 2 [T1]
0.00 dB
2.890000 ms
1 PK
VIEW
A
0
10
20
30
40
50
60
70
-80
Center 2.48 GHz
500 µs/



Occupancy Time of Frequency Hopping System

Test Time Period: 0.4*79=31.6sec，Hopping Times Within 1sec: 14/5msec=2800 hops/sec.

A) 2402MHz The Maximum Occupancy Time Within 31.6sec: (168.98μs*2800)/79*31.6= 189.53msec

B) 2441MHz The Maximum Occupancy Time Within 31.6sec: (180.00μs*2800)/79*31.6= 201.89msec

C) 2480MHz The Maximum Occupancy Time Within 31.6sec: (170.00μs*2800)/79*31.6= 190.67msec

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

PS: (1) From Bluetooth Specification， It Hops 1640 Times in 1sec。The Average Occupancy Time of Each 79 Channels is 1640/79 Times，Therefore，We Calculate The Maximum Occupancy Time (worse cars)As Below:

A) 2402Mhz The Occupancy Time of Each Pulse is 0.4msec，The Maximum Occupancy Time within 31.6sec is 0.4msec*1640/79*31.6=289.056msec

B) 2441MHz The Occupancy Time of Each Pulse is 0.4msec，The Maximum Occupancy Time within 31.6sec is 0.4msec*1640/79*31.6=289.056msec

C) 2480MHz The Occupancy Time of Each Pulse is 0.4msec，The Maximum Occupancy Time within 31.6sec is 0.4msec*1640/79*31.6=289.056msec

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

9. Maximum Peak Output Power

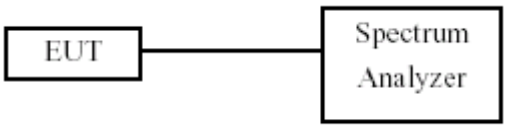
9.1. Test Limit

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.

9.2. Test Procedure

According to FCC Public Notice DA 00-705. 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).

9.3. Test Setup Layout



9.4. Measurement Equipment

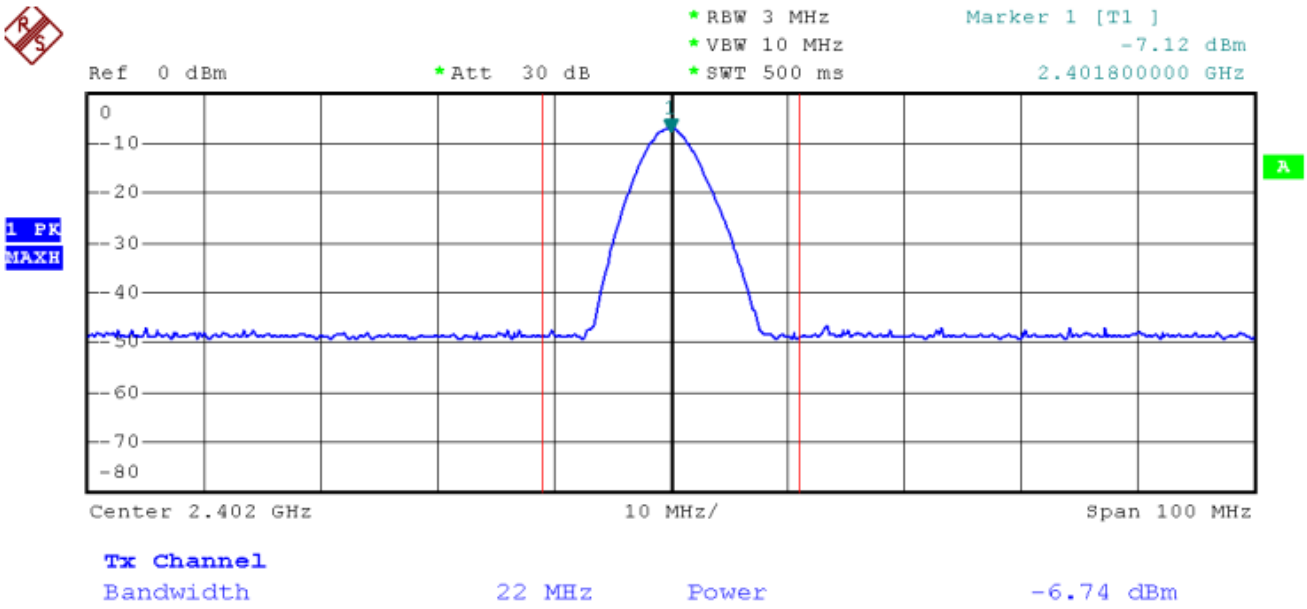
Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

9.5. Test Result and Data

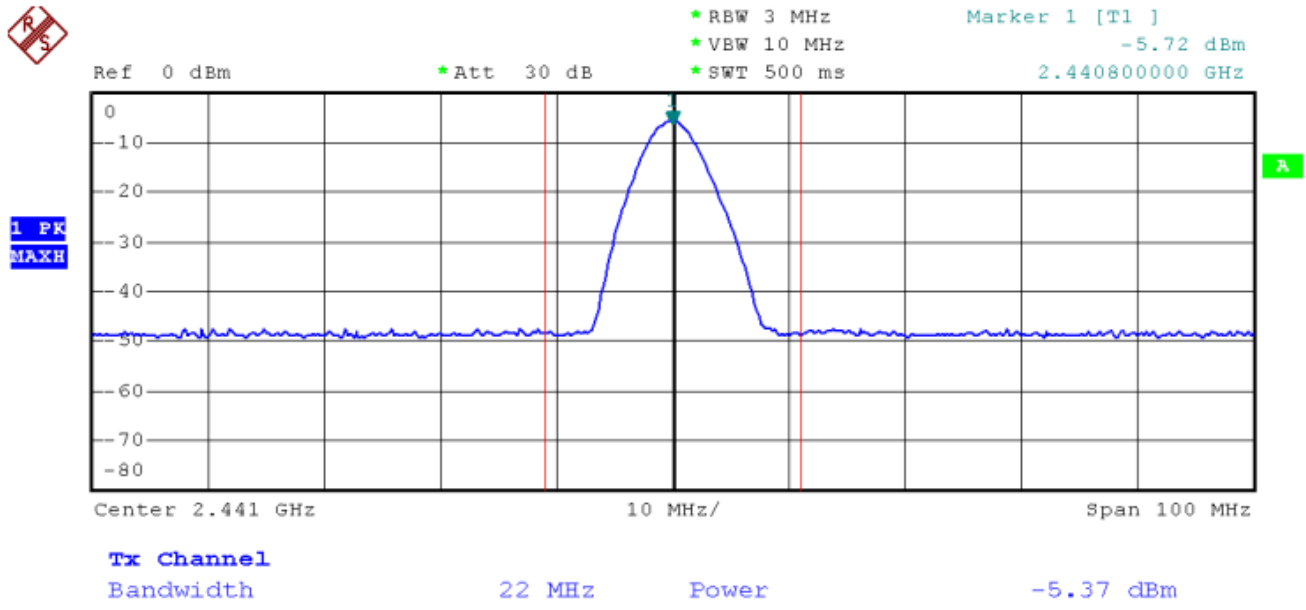
Test Item	Maximum Peak Output Power
Test Mode	Mode 1: Transmit By GFSK
Test Date	2010-11-08

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
00	2402.00	-6.74	1 Watt= 30 dBm	Pass
39	2441.00	-5.37	1 Watt= 30 dBm	Pass
78	2480.00	-4.80	1 Watt= 30 dBm	Pass

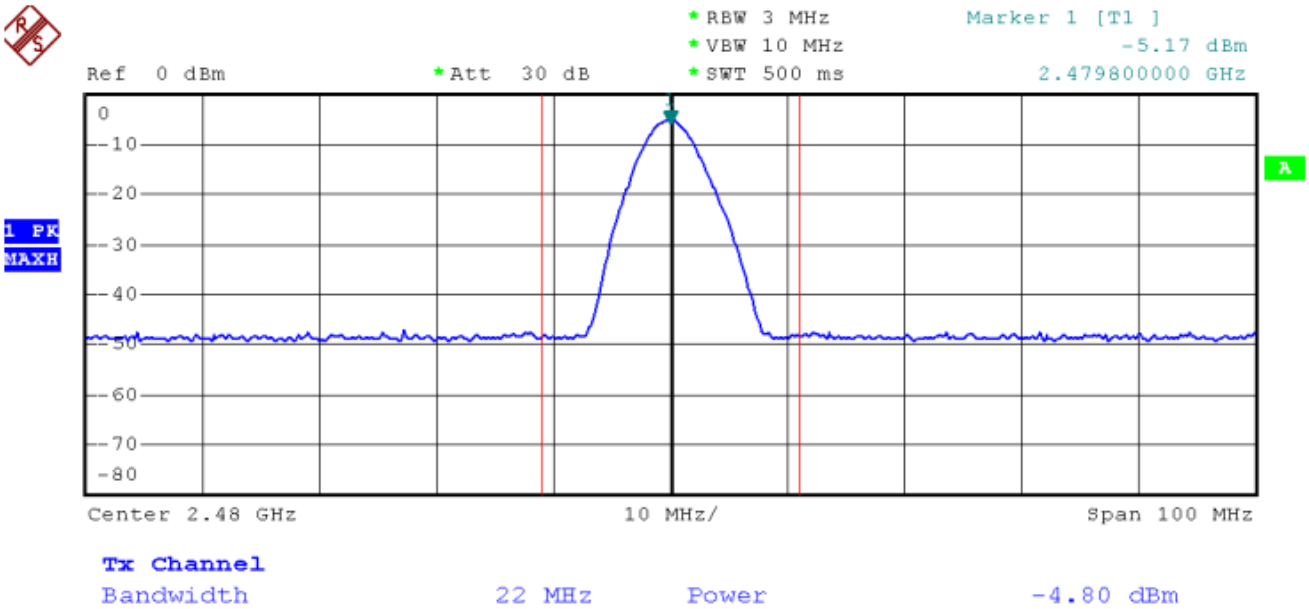
2402MHz



2441MHz



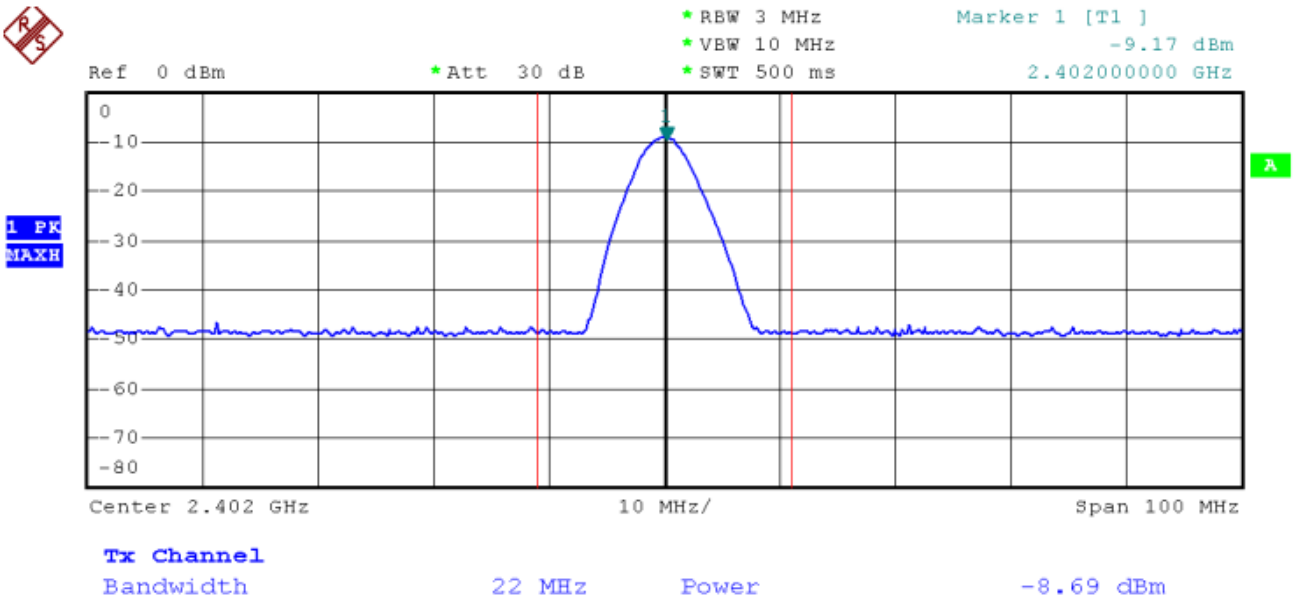
2480MHz



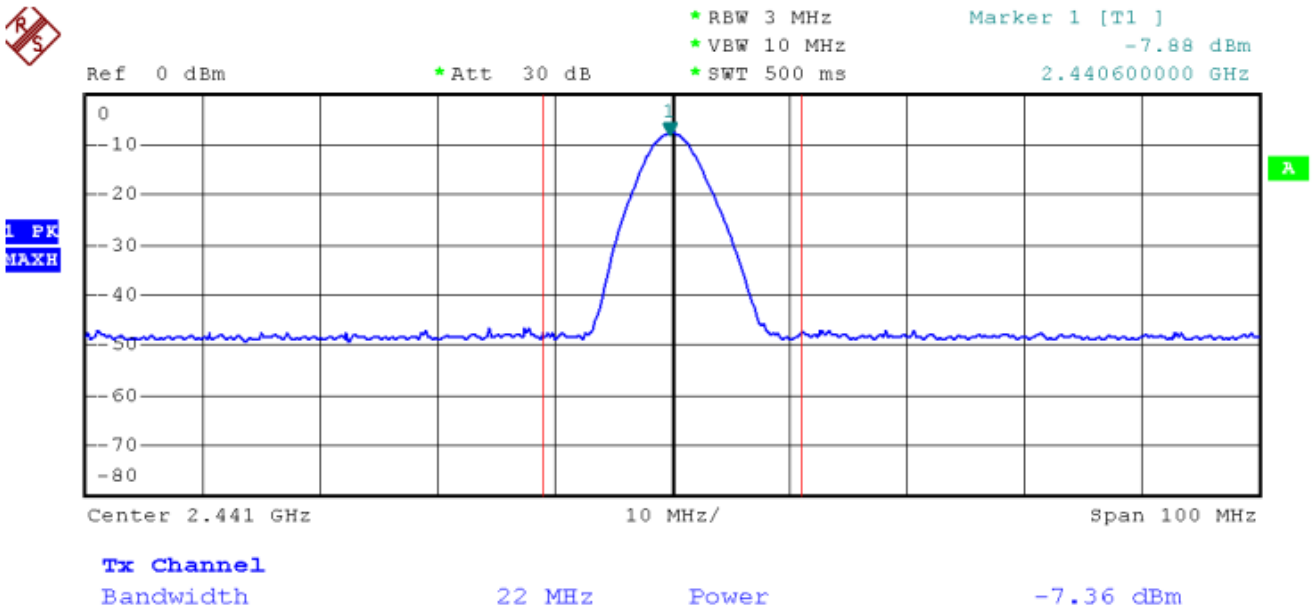
Test Item	Maximum Peak Output Power
Test Mode	Mode 2: Transmit By 8DPSK
Test Date	2010-11-08

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit (dBm)	Result
00	2402.00	-8.69	30 dBm	Pass
39	2441.00	-7.36	30 dBm	Pass
78	2480.00	-6.84	30 dBm	Pass

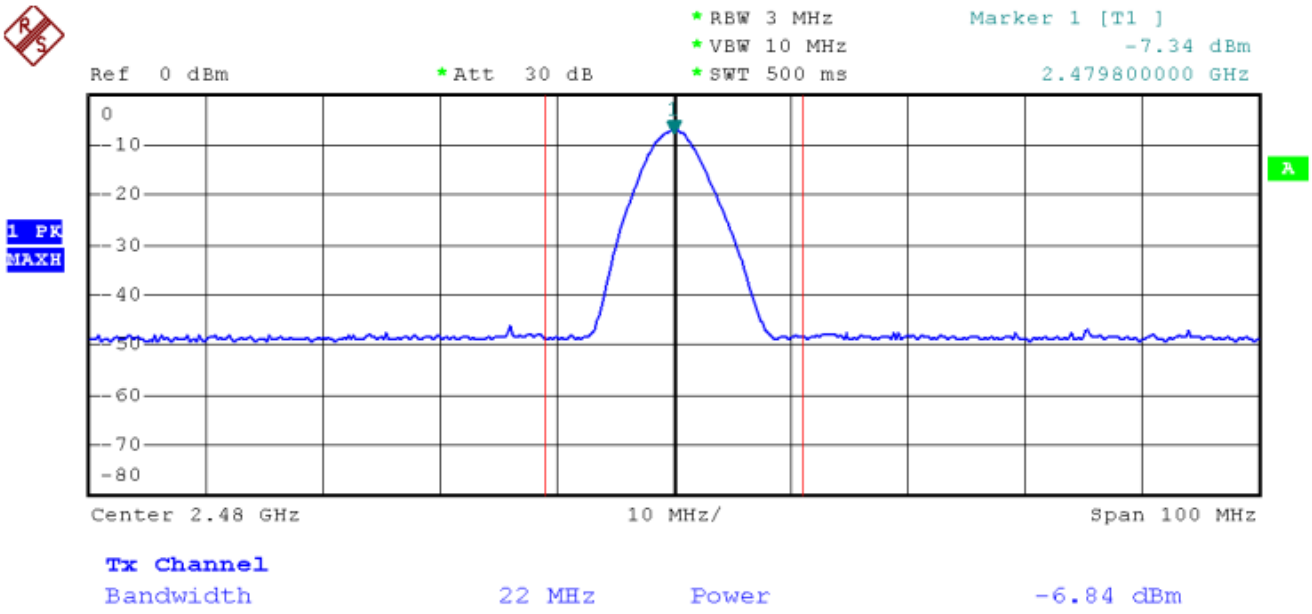
2402MHz



2441MHz



2480MH



10. Band Edges

10.1.Test Limit

For 15.215(C) requirement:

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.

For 15.247(d) requirement:

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.

10.2.Test Procedure

For RF Conducted Measurement:

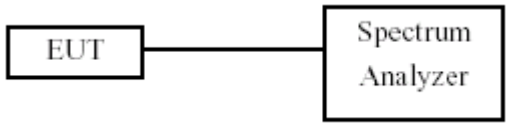
According to FCC Public Notice DA 00-705, March 30, 2000. Use the following spectrum analyzer settings: Span = wide enough to capture the peak level of the emission operating on the channel closest to the bandedge, as well as any modulation products which fall outside of the authorized band of operation. 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

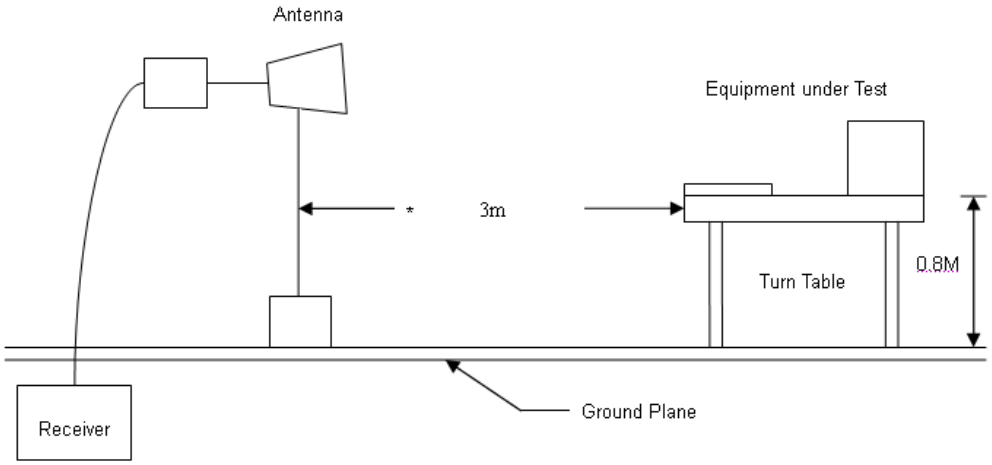
settings, enable the hopping function of the EUT. Allow the trace to stabilize. Follow the same procedure listed above to determine if any spurious emissions caused by the hopping function also comply with the specified limit.

For RF Radiated Measurement:

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.

10.3.Test Setup Layout





10.4.Measurement Equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date
Spectrum Analyzer	R&S	FSP40	100324	2010.08.14
Preamplifier	Agilent	8449B	3008A02342	2010.02.10
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	9120D-618	2010.08.14
Temperature/ Humidity Meter	Zhicheng	ZC1-11	CEP-TH-002	2010.08.17

10.5. Test Result and Data

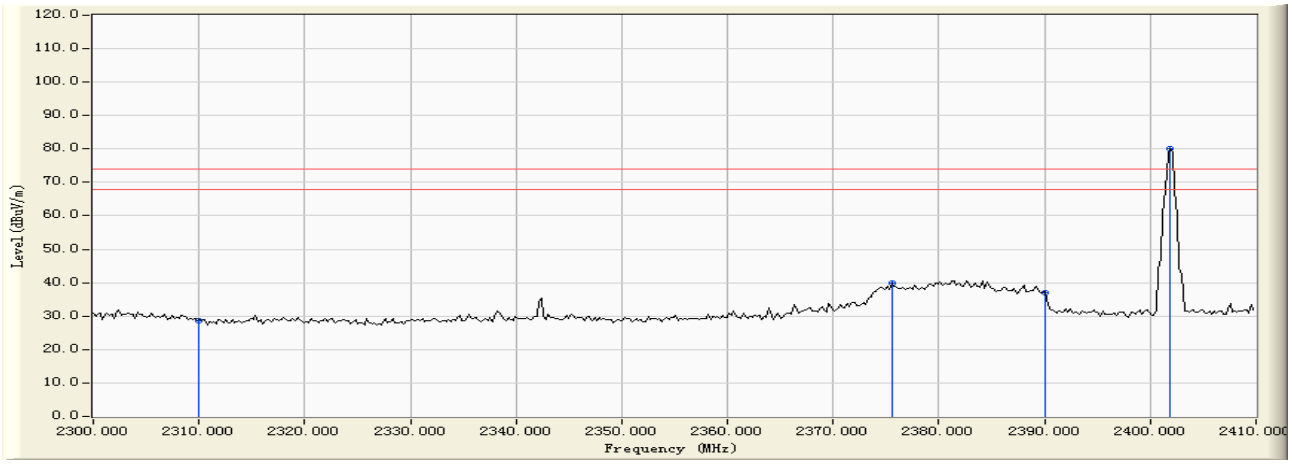
Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:17**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmitter by BT (GFSK)2402MHz**

		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	28.958	29.147	-44.853	74.000	PEAK
2		2380.579	0.338	40.709	41.046	-32.954	74.000	PEAK
3		2390.000	0.358	35.791	36.149	-37.851	74.000	PEAK
4	*	2401.876	0.393	78.516	78.910	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:19**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmitter by BT (GFSK) 2402MHz**

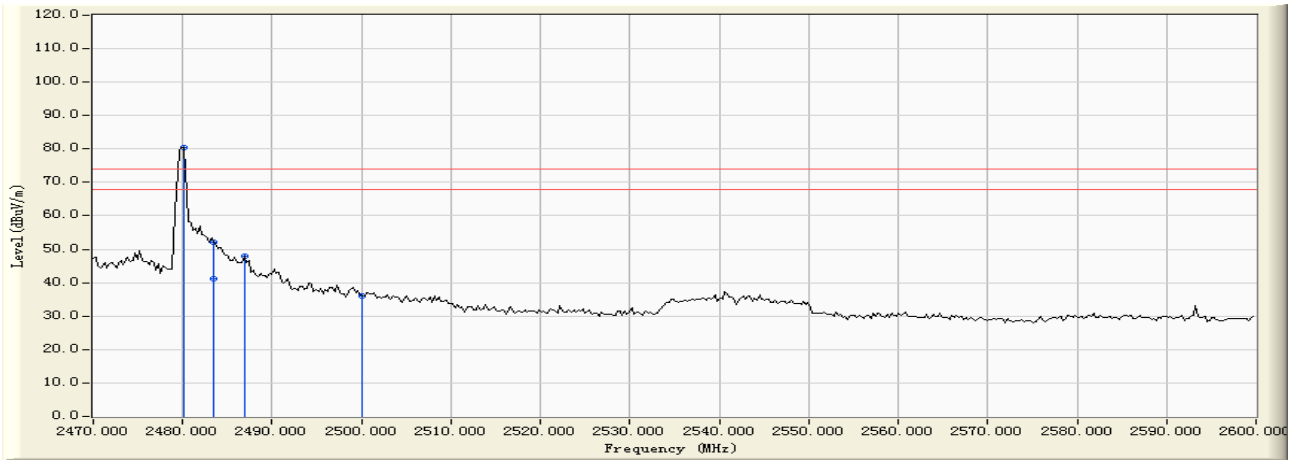


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	28.604	28.793	-45.207	74.000	PEAK
2		2375.529	0.326	39.572	39.897	-34.103	74.000	PEAK
3		2390.000	0.358	36.796	37.154	-36.846	74.000	PEAK
4	*	2401.876	0.393	79.690	80.084	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:22**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmitter by BT (GFSK) 2480MHz**

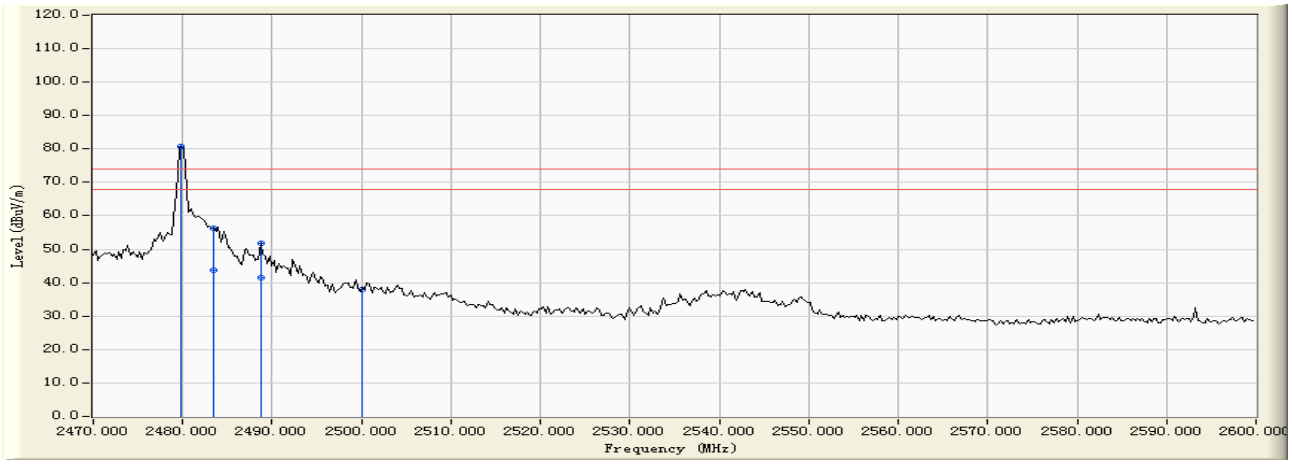


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2480.120	0.662	79.653	80.314	N/A	N/A	PEAK
2		2483.500	0.672	51.405	52.078	-21.922	74.000	PEAK
3		2483.500	0.672	40.360	41.033	-12.967	54.000	AVERAGE
4		2486.866	0.684	47.258	47.942	-26.058	74.000	PEAK
5		2500.000	0.737	35.308	36.044	-37.956	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:25**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Transmitter by BT (GFSK) 2480MHz**

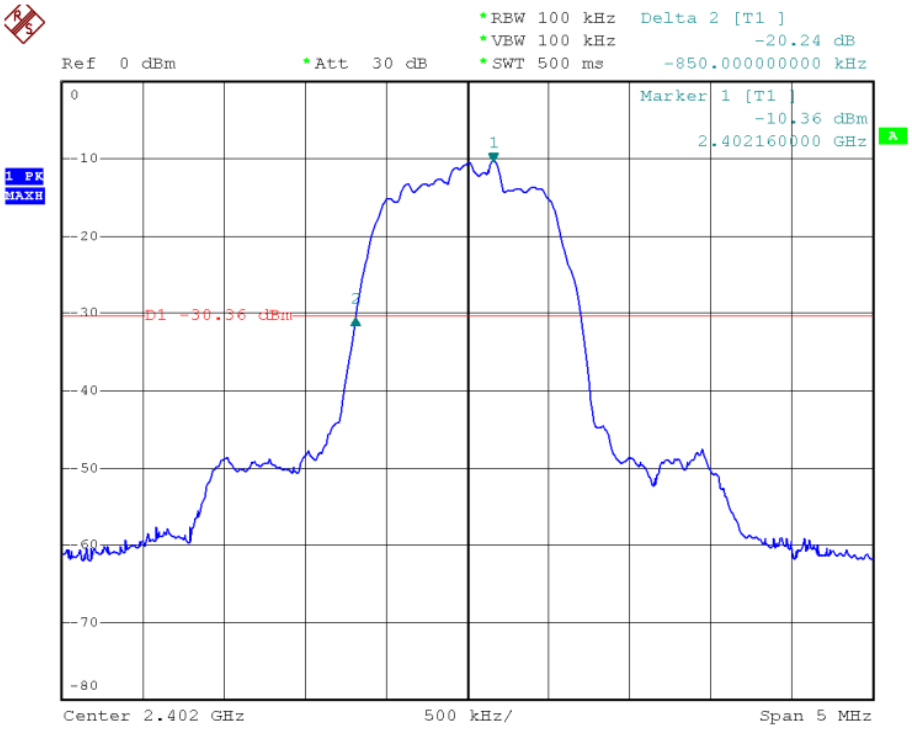


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.860	0.660	80.191	80.852	N/A	N/A	PEAK
2		2483.500	0.672	55.700	56.373	-17.627	74.000	PEAK
3		2483.500	0.672	43.120	43.793	-10.207	54.000	AVERAGE
4		2488.683	0.690	51.160	51.851	-22.149	74.000	PEAK
5		2488.683	0.690	40.840	41.531	-12.469	54.000	AVERAGE
6		2500.000	0.737	37.363	38.099	-35.901	74.000	PEAK

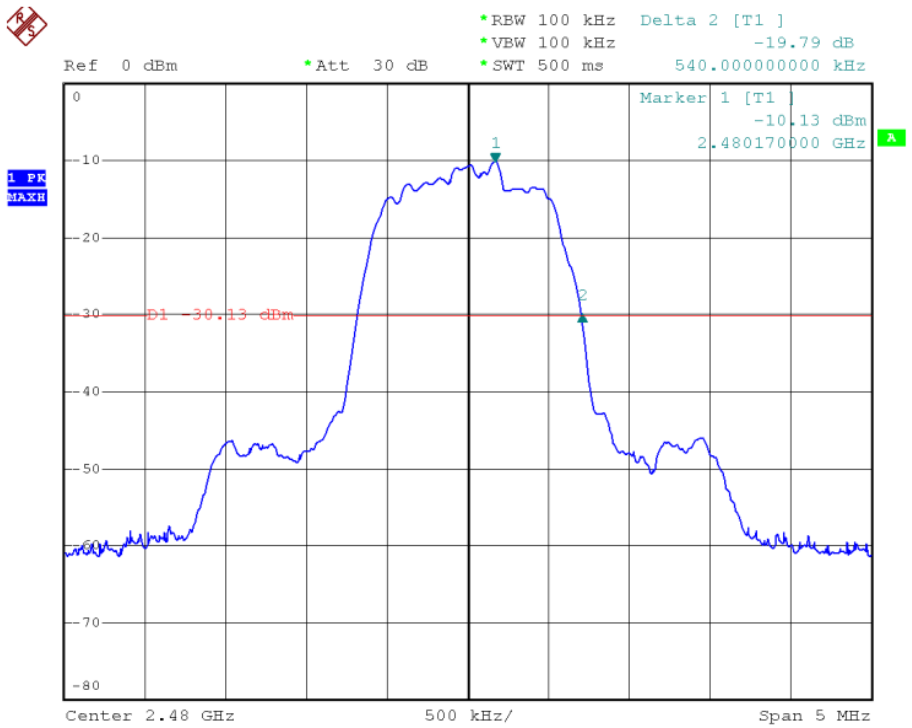
Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

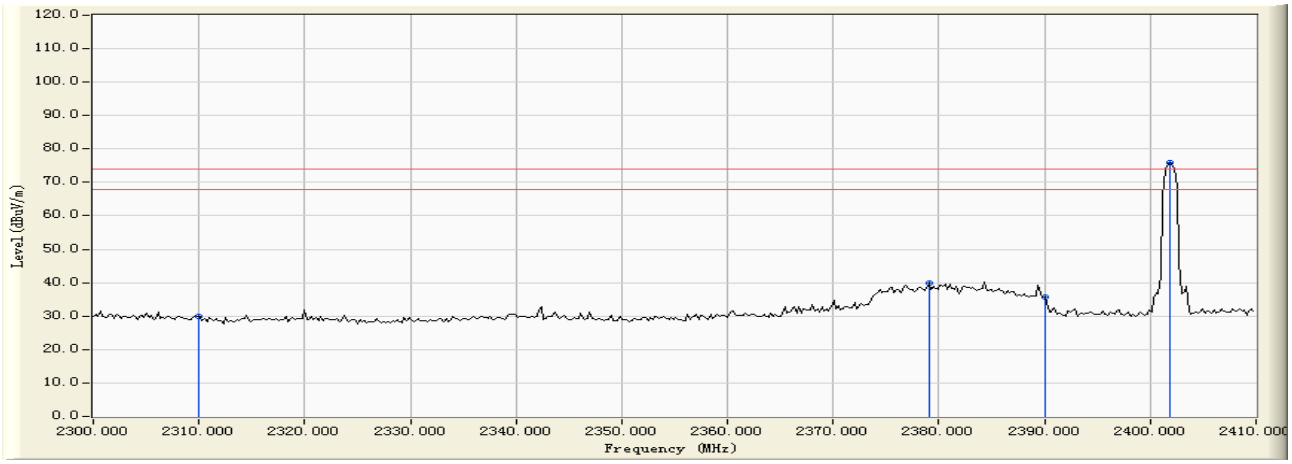
Band Edge (20dBc RF Conducted Measurement)
Mode 1: Transmit by Bluetooth GFSK(2402MHz)



Band Edge (20dBc RF Conducted Measurement)
Mode 1: Transmit by Bluetooth GFSK (2480MHz)



Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:02**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmitter by BT (8DPSK) 2402MHz**

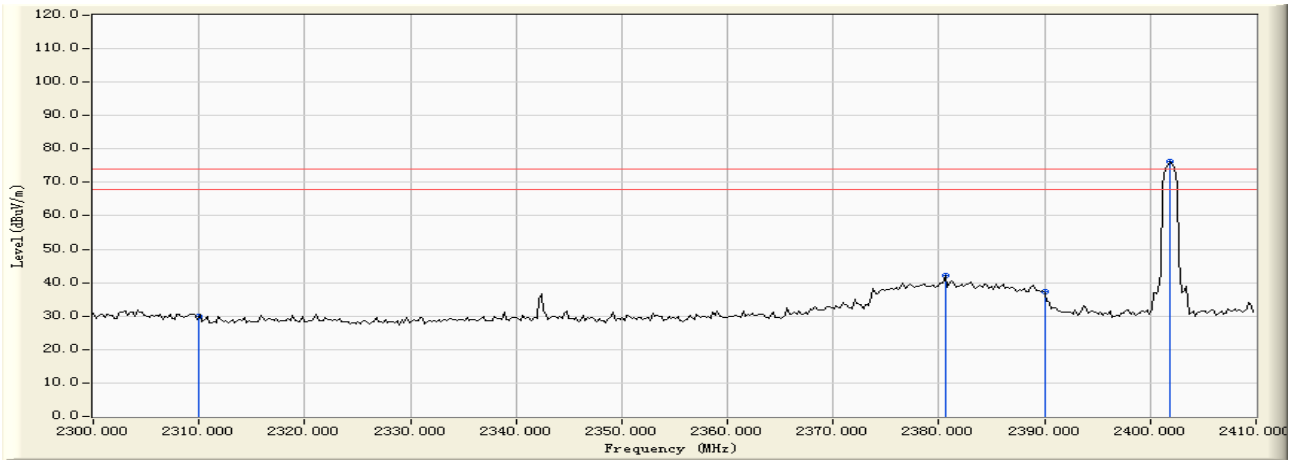


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	29.803	29.992	-44.008	74.000	PEAK
2		2379.042	0.333	39.463	39.796	-34.204	74.000	PEAK
3		2390.000	0.358	35.380	35.738	-38.262	74.000	PEAK
4	*	2401.876	0.393	75.413	75.807	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:03**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmitter by BT (8DPSK) 2402MHz**

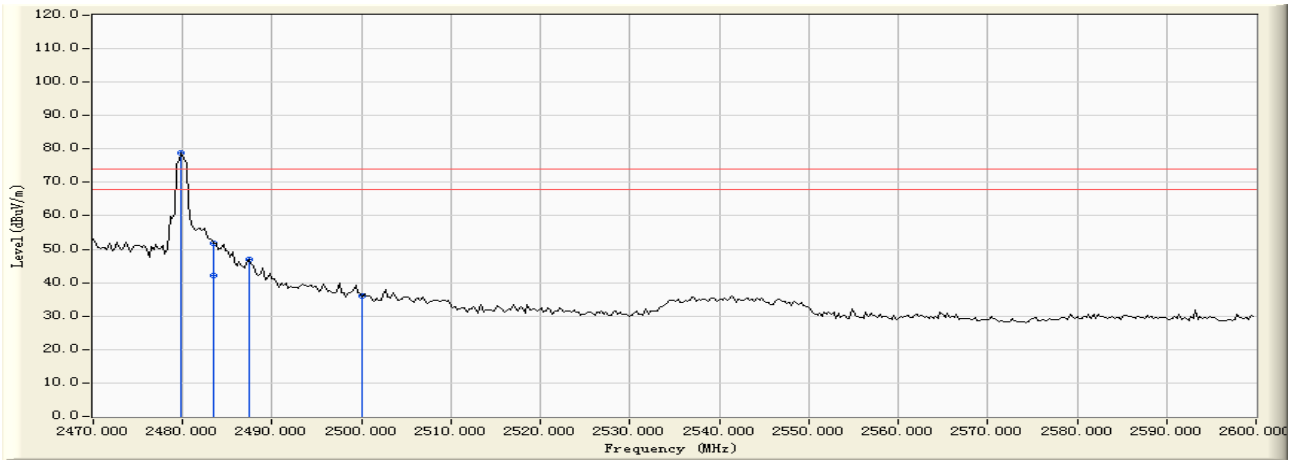


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	0.188	29.667	29.856	-44.144	74.000	PEAK
2		2380.579	0.338	41.874	42.211	-31.789	74.000	PEAK
3		2390.000	0.358	36.806	37.164	-36.836	74.000	PEAK
4	*	2401.876	0.393	75.767	76.161	N/A	N/A	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:07**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmitter by BT (8DPSK) 2480MHz**

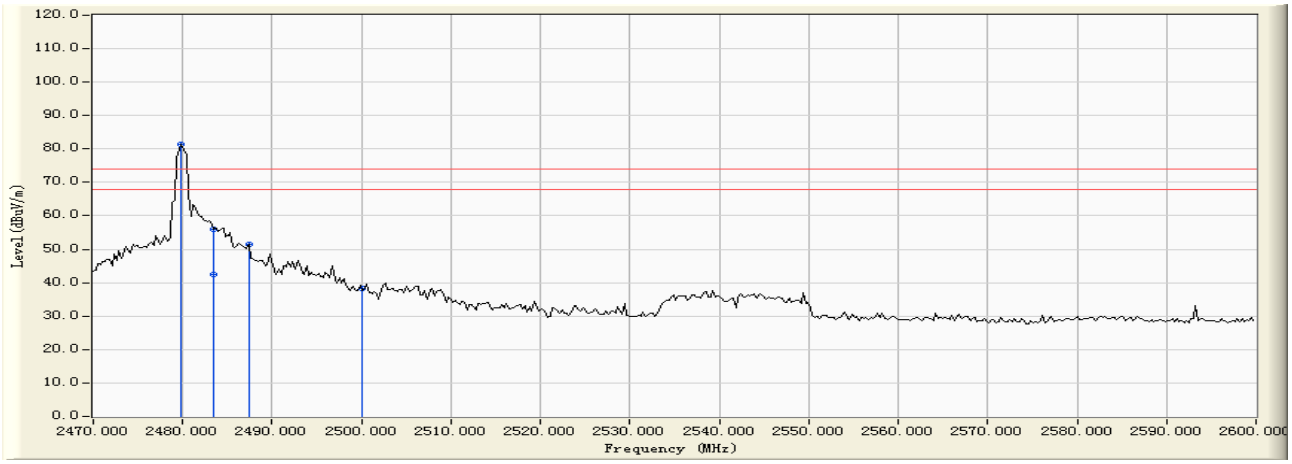


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.860	0.660	78.033	78.694	N/A	N/A	PEAK
2		2483.500	0.672	50.989	51.662	-22.338	74.000	PEAK
3		2483.500	0.672	41.320	41.993	-12.007	54.000	AVERAGE
4		2487.385	0.686	46.166	46.852	-27.148	74.000	PEAK
5		2500.000	0.737	35.273	36.009	-37.991	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Engineer : Alice	
Site : EMC Lab AC 102	**Time : 2010/11/06 - 22:10**
Limit : FCC_15_03M_PK	**Margin : 6**
EUT : HSG1164	**Probe : BBHA9120D(1-18GHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: Transmitter by BT (8DPSK) 2480MHz**

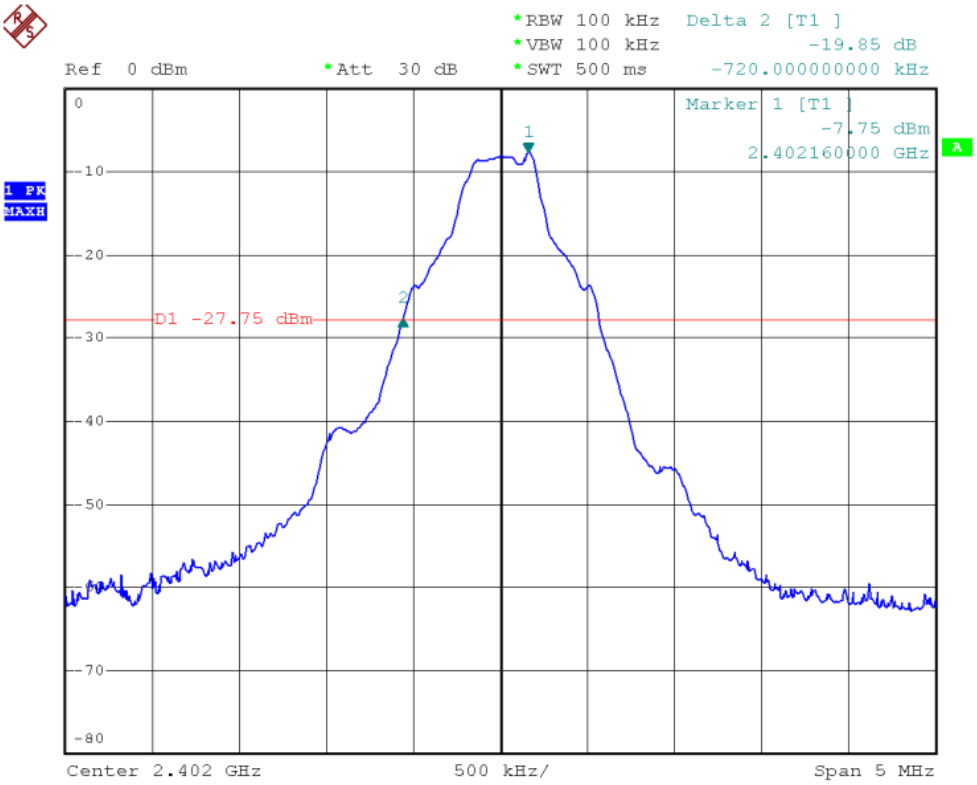


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2479.860	0.660	80.629	81.290	N/A	N/A	PEAK
2		2483.500	0.672	55.430	56.103	-17.897	74.000	PEAK
3		2483.500	0.672	41.680	42.353	-11.647	54.000	AVERAGE
4		2487.385	0.686	50.760	51.446	-22.554	74.000	PEAK
5		2500.000	0.737	37.506	38.242	-35.758	74.000	PEAK

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor

Band Edge (20dBc RF Conducted Measurement)
Mode 2: Transmit by Bluetooth 8DPSK(2402)MHz



Band Edge (20dBc RF Conducted Measurement)
Mode 2: Transmit by Bluetooth 8DPSK (2480MHz)