

FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Compress Digital Technology Limited

CD Receiver

Model Number: CR-H260i

FCC ID: QYJCRH260I

Prepared for : Compress Digital Technology Limited
Room 1215, Block B Seaview Estate 2-8 Watson Road North Point,
Hong Kong

Prepared By : EST Technology Co., Ltd.
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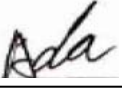
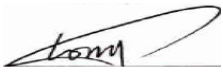
Report Number: ESTE-R1211002
Date of Test : Oct 20-31, 2012
Date of Report : Nov 2, 2012

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Test Report Verification

Applicant:	Compress Digital Technology Limited		
Address:	Room 1215, Block B Seaview Estate 2-8 Watson Road North Point, Hong Kong		
Manufacturer:	Compress Digital Technology Limited		
Address:	Room 1215, Block B Seaview Estate 2-8 Watson Road North Point, Hong Kong		
Factory:	Dongguan TianDiXing Industrial Co.,Ltd.		
Address:	No.14, Qilin Road, Shangsha, Chang'an Town, Dongguan City Guangdong Province, PRC.		
E.U.T:	CD Receiver		
Model Number:	CR-H260i		
Power Supply:	AC 120V/60Hz		
Test Voltage:	AC 120V/60Hz		
Trade Name:	TEAC	Serial No.:	-----
Date of Receipt:	Oct 18, 2012	Date of Test:	Oct 20-31, 2012
Test Specification:	FCC Rules and Regulations Part 15 Subpart C:2011 ANSI C63.4:2003		
Test Result:	The device described above is tested by EST Technology Co., Ltd.. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the ETSI EN FCC Rules and Regulations Part 15 Subpart C requirements. This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. Date: Nov 3, 2012		
Prepared by:	Tested by:	Approved by:	
 	 	 	
Ada / Assistant	Tony.Tang/ Engineer	IcemanHu / Manager	
Other Aspects:	None.		
Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested			
This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.			

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Product Name	: CD Receiver
Model Number	: CR-H260i
FCC ID	: QYJCRH260I
Operation frequency	: 2402~2480 MHz
Number of channel	: 79
Antenna	: Integrated antenna, 2.12 dBi gain
Modulation	: FHSS
Power Supply	: AC 120V/60Hz
Applicant	: Compress Digital Technology Limited Room 1215, Block B Seaview Estate 2-8 Watson Road North Point, Hong Kong
Manufacturer	: Compress Digital Technology Limited Room 1215, Block B Seaview Estate 2-8 Watson Road North Point, Hong Kong
Sample Type	: Prototype production

2. SUMMARY OF TEST

2.1. Summary of test result

Description of Test Item	Standard	Results
Maximum Peak Output Power	FCC Part 15: 15.247(b)(1) DA 00-705	PASS
20dB Bandwidth	FCC Part 15: 15.215 DA 00-705	PASS
Carrier Frequency Separation	FCC Part 15: 15.247(a)(1) DA 00-705	PASS
Number Of Hopping Channel	FCC Part 15: 15.247(a)(1)(iii) DA 00-705	PASS
Dwell Time	FCC Part 15: 15.247(a)(1)(iii) DA 00-705	PASS
Radiated Emission	FCC Part 15: 15.209 FCC Part 15: 15.247(d) ANSI C63.4: 2003 DA 00-705	PASS
Band Edge Compliance	FCC Part 15: 15.247(d) DA 00-705	PASS
Power Line Conducted Emissions	FCC Part 15: 15.207 ANSI C63.4: 2003 DA 00-705	PASS
Antenna requirement	FCC Part 15: 15.203	PASS

2.2. Test Facilities

EMC Lab : Certificated by CNAL, CHINA
 Registration No.: L5288
 Date of registration: October 28, 2011

 Certificated by FCC, USA
 Registration No.: 989591
 Date of registration: December 07, 2010

 Certificated by Industry Canada
 Registration No.: 46405-9405
 Date of registration: December 16, 2010

 Certificated by VCCI, Japan
 Registration No.: R-3663 & C-4103
 Date of registration: July 25, 2011

 Certificated by TUV Rheinland, Germany
 Registration No.: UA 50195514 0001
 Date of registration: January 07, 2011

 Certificated by TUV/PS, Shenzhen
 Registration No.: SCN1017
 Date of registration: January 27, 2011

 Certificated by Intertek ETL SEMKO
 Registration No.: 2011-RTL-L1-18
 Date of registration: April 28, 2011

 Certificated by Siemic, Inc.
 Registration No.: SLCN021
 Date of registration: November 8, 2011

 Certificated by Nemko, Hong Kong
 Registration No.: 175193
 Date of registration: May 4, 2011

Name of Firm : EST Technology Co., Ltd.

Site Location : San Tun Management Zone, Houjie District, Dongguan,
Guangdong, China

2.3. Assistant equipment used for test
N/A

2.4. Block Diagram



(EUT: CD Receiver)

2.5. Test mode

The test software was used to control EUT work in Continuous TX mode, and select test channel, wireless mode

Mode	Channel	Frequency
GFSK	1	2402 MHz
	40	2441 MHz
	79	2480 MHz
8-DPSK	1	2402 MHz
	40	2441 MHz
	79	2480 MHz

2.6. Test Equipment

2.6.1. For conducted emission test

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESHS30	832354	Mar,13,12	1 Year
Artificial Mains Networ	Rohde & Schwarz	ENV216	101260	Mar,13,12	1 Year
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	101100	Aug,24,12	1 Year

2.6.2. For radiated emission test(30-1000MHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde & Schwarz	ESVS10	100004	Mar,18,12	1 Year
Spectrum Analyzer	Agilent	E4411B	MY50140697	Mar,18,12	1 Year
Bilog Antenna	Teseq	CBL 6111D	25872	Otc,15,12	1 .5Year
Signal Amplifier	Agilent	310N	187037	Aug,24,12	1 Year

2.6.3. For radiated emission test(above 1000MHz)

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Temperature controller	Terchy	MHQ	120	May.02,12	1 Year
Spectrum Analyzer	Agilent	E4408B	MY44211139	May.02,12	1 Year
Vector Signal Generator	R&S	SMBV100A	1407.6004K02	May.02,12	1 Year
Double Ridged Horn Antenna	R&S	HF907	100276	Jan.16.11	2 Year
Double Ridged Horn Antenna	R&S	HF907	100268	Jan.16.11	2 Year
Log-periodic Dipole Antenna	R&S	HL223	100435	Jan.16.11	2 Year
Biconical Antenna	R&S	HK116	100431	Jan.16.11	2 Year
Trilog Broadband Antenna	Schwarzbeck	VULB 9163	9163-462	Jan.16.11	2 Year
Pre-amplifier	AH	PAM-0118	10008	May.02,12	1 Year
Pre-amplifier	R&S	SCU-01	10049	May.02,12	1 Year
High Pass filter	Micro	HPM50111	324455	May.02,12	1 Year
RF Cable	Hubersuhner	W10.02	534096	May.02,12	1 Year
RF Cable	Hubersuhner	W10.02	534123	May.02,12	1 Year
RF Cable	Hubersuhner	RG 214/U	513423	May.02,12	1 Year
RF Cable	Hubersuhner	RG 214/U	523455	May.02,12	1 Year

3. MAXIMUM PEAK OUTPUT POWER

3.1. 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.

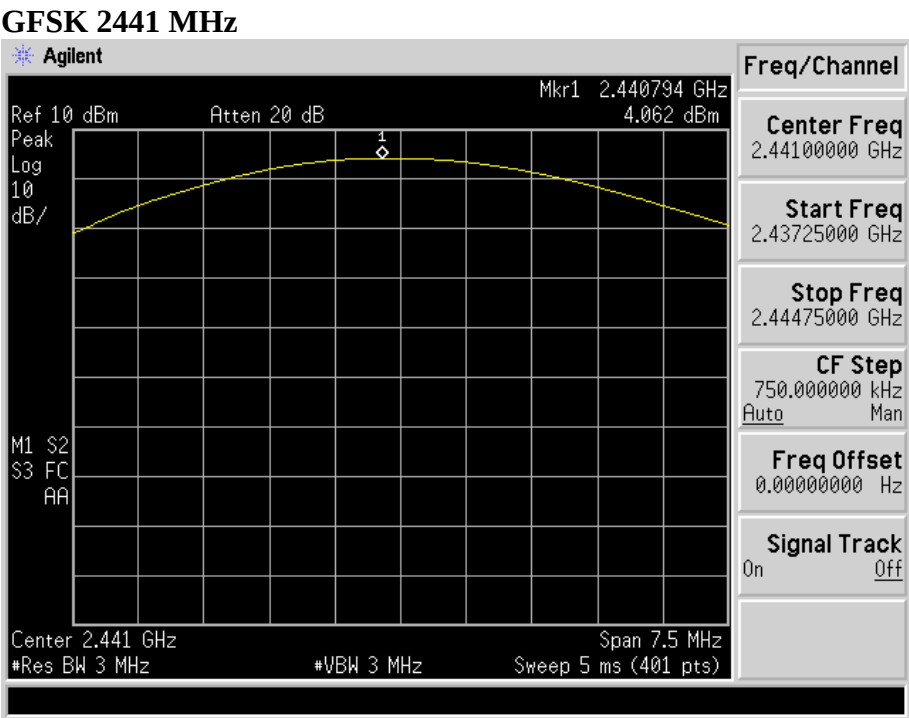
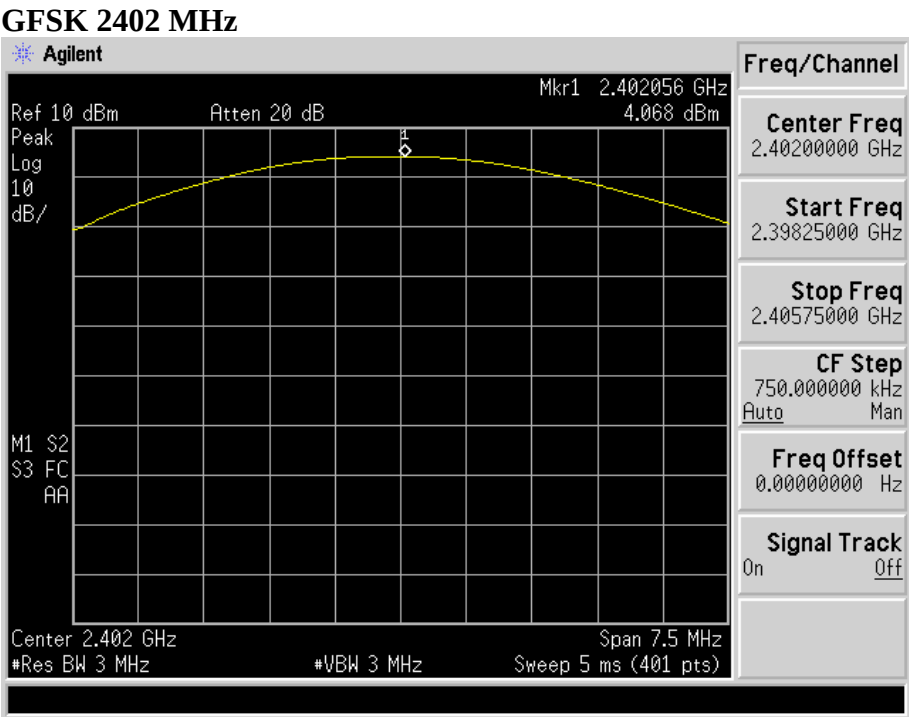
3.2. Test Procedure

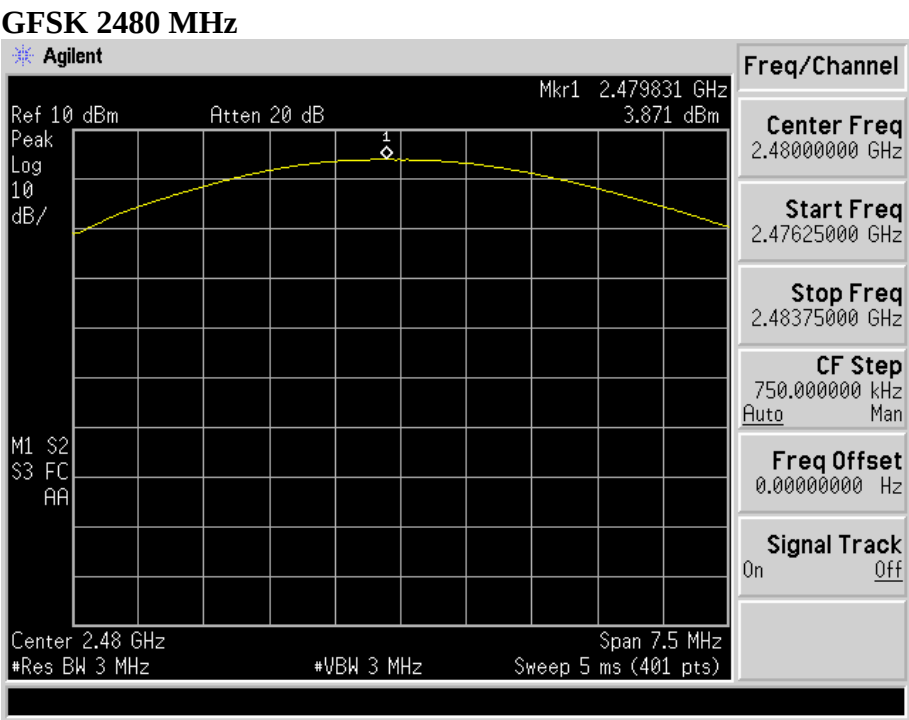
The transmitter output (antenna port) was connected to the spectrum analyzer

3.3. Test Result

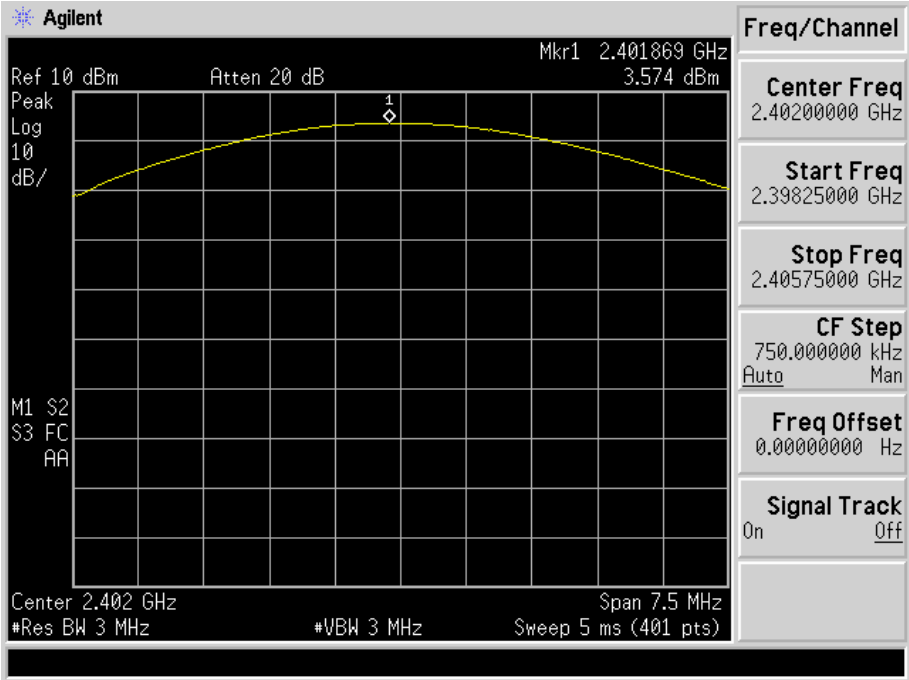
EUT: CD Receiver M/N: CR-H260i					
Test date: 2012-10-26		Test site: RF site		Tested by: Tony Tang	
Mode	Freq (MHz)	Result (dBm)	Limit		Margin (dB)
			dBm	W	
GFSK	2402 MHz	4.068	21.00	0.125	16.932
	2441 MHz	4.062	21.00	0.125	16.938
	2480 MHz	3.871	21.00	0.125	17.129
8-DPSK	2402 MHz	3.574	21.00	0.125	17.426
	2441 MHz	3.343	21.00	0.125	17.657
	2480 MHz	2.996	21.00	0.125	18.004
Conclusion: PASS					

3.4. Test Data

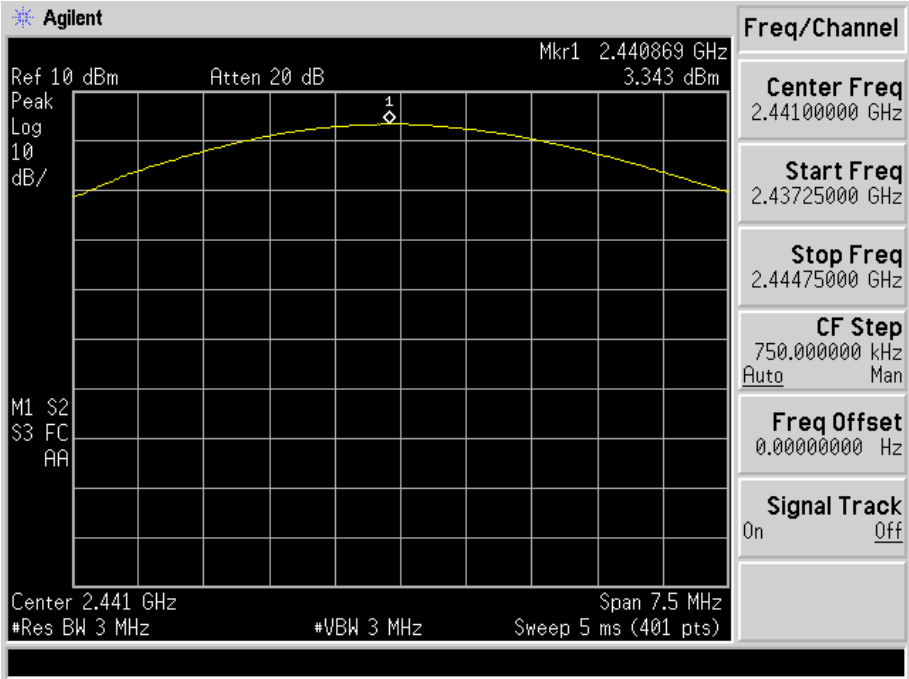


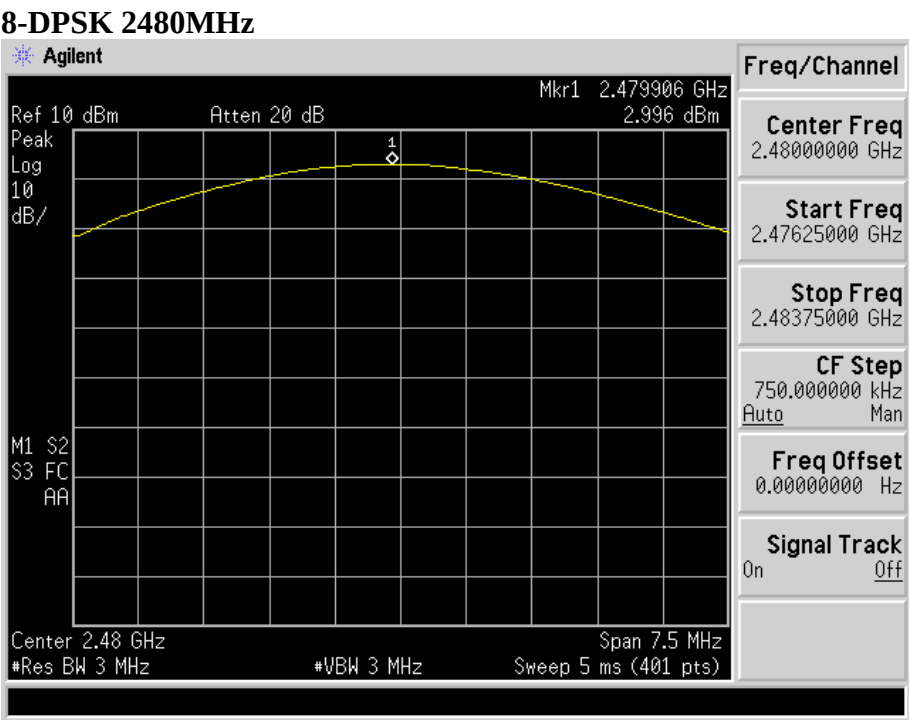


8-DPSK 2402MHz



8-DPSK 2441MHz





4. 20 DB BANDWIDTH

4.1. Limit

Intentional radiators operating under the alternative provisions to the general emission limits, as contained in §§ 15.217 through 15.257 and in Subpart E of this part, must be designed to ensure that the 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.

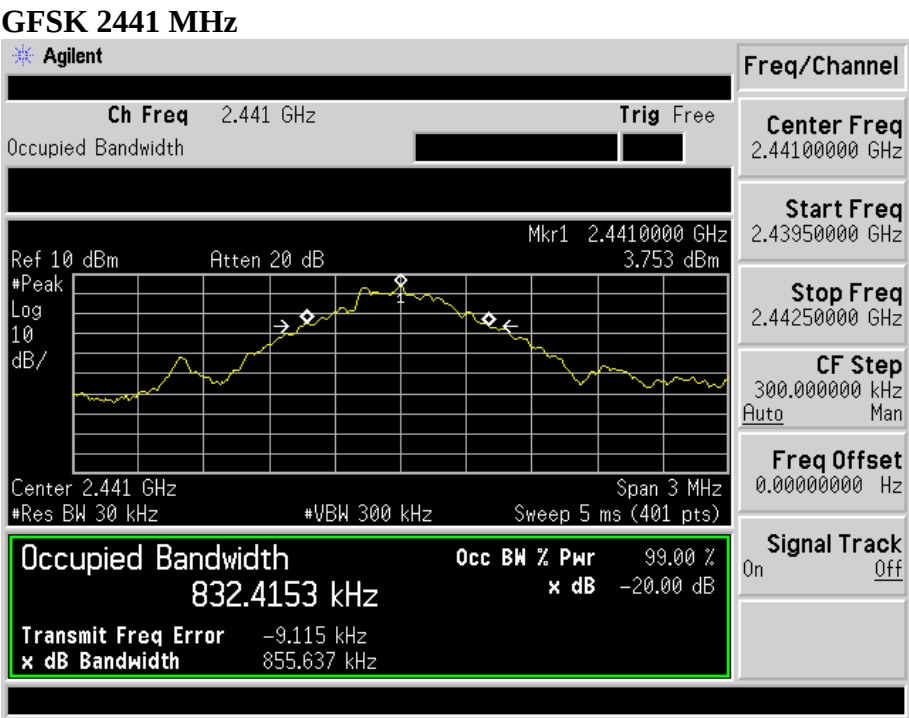
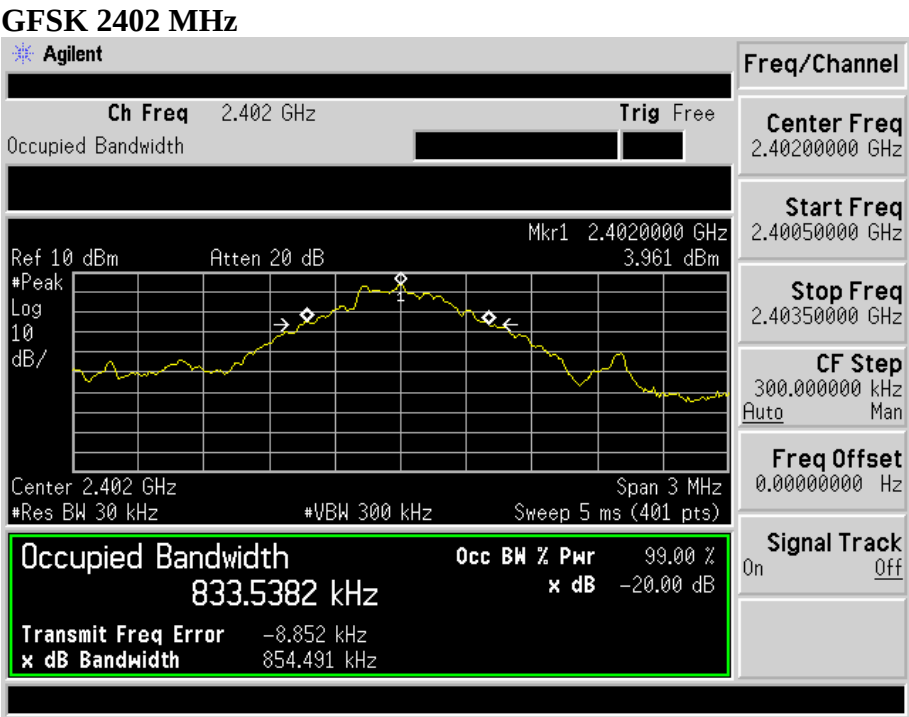
4.2. Test Procedure

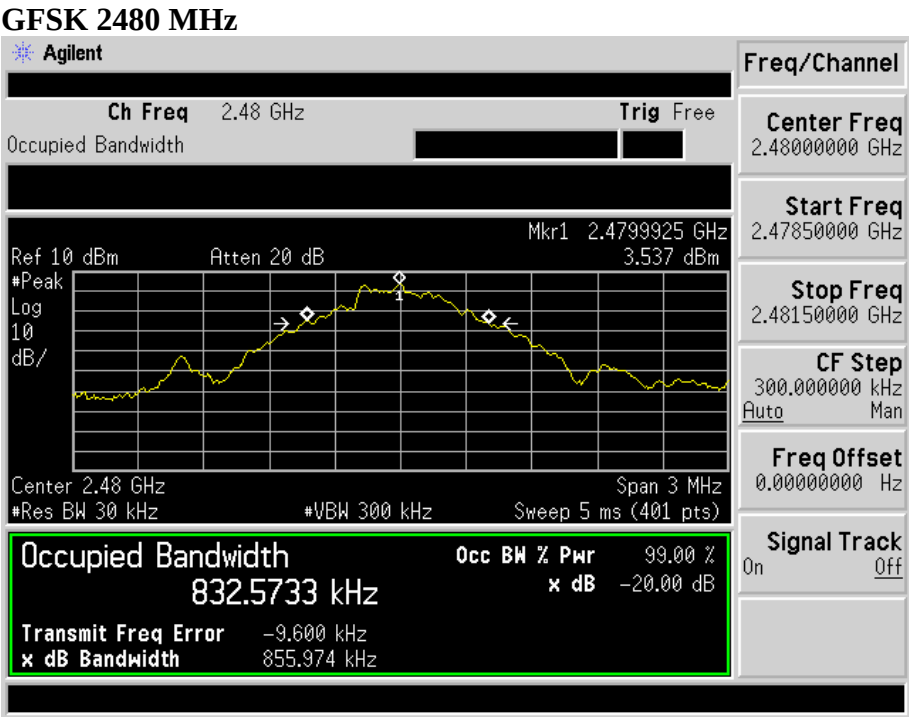
The transmitter output was coupled to a spectrum analyzer via a antenna. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

4.3. Test Result

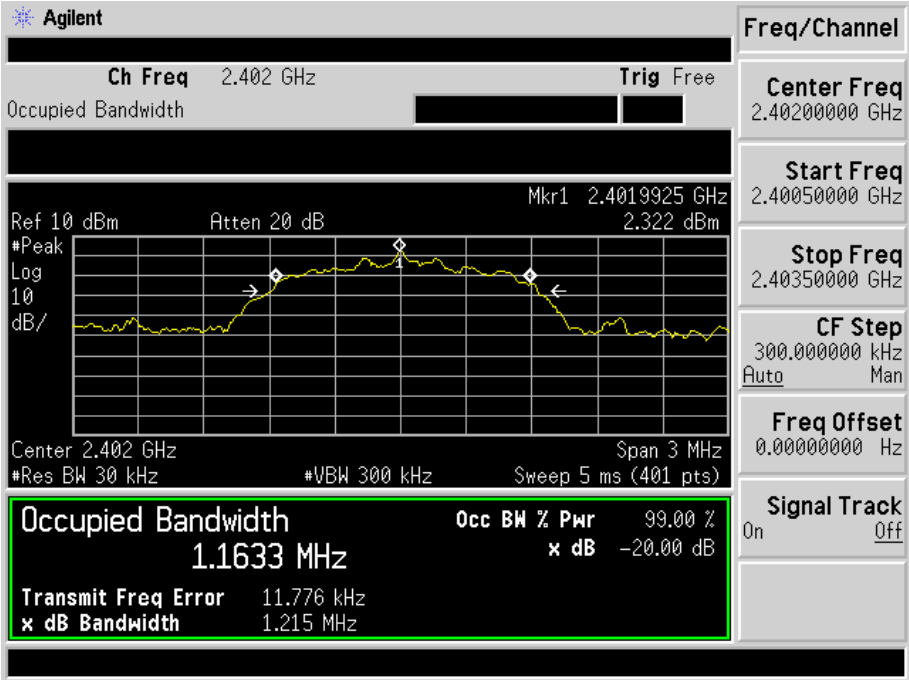
EUT: CD Receiver M/N: CR-H260i				
Test date: 2012-10-26		Test site: RF site		Tested by: Tony Tang
Mode	Freq (MHz)	20dB Bandwidth (MHz)	Limit (kHz)	Conclusion
GFSK	2402 MHz	0.854	/	PASS
	2441 MHz	0.856	/	PASS
	2480 MHz	0.856	/	PASS
8-DPSK	2402 MHz	1.215	/	PASS
	2441 MHz	1.222	/	PASS
	2480 MHz	1.222	/	PASS

4.4. Test Data

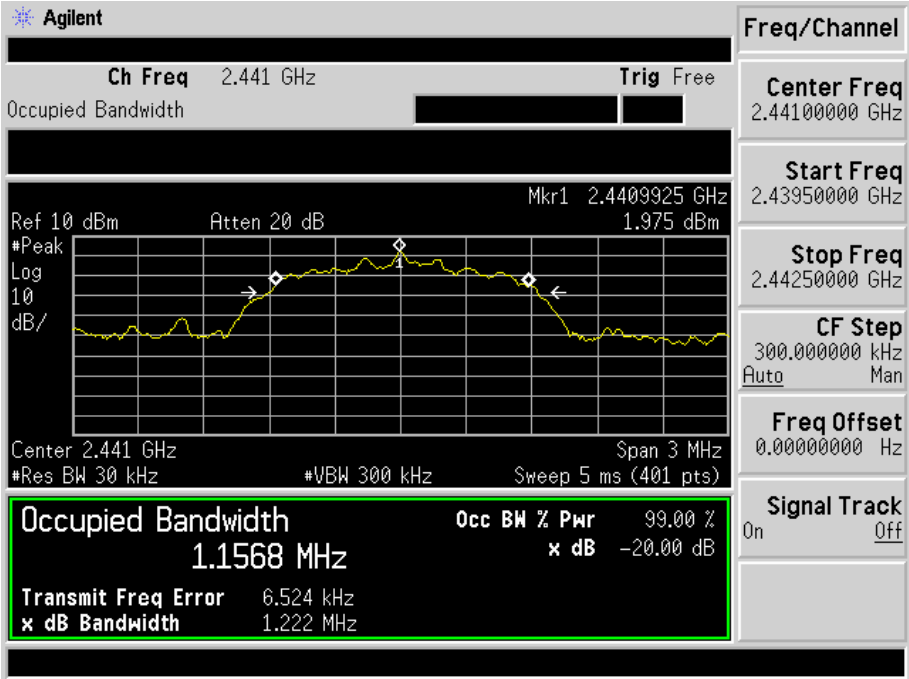




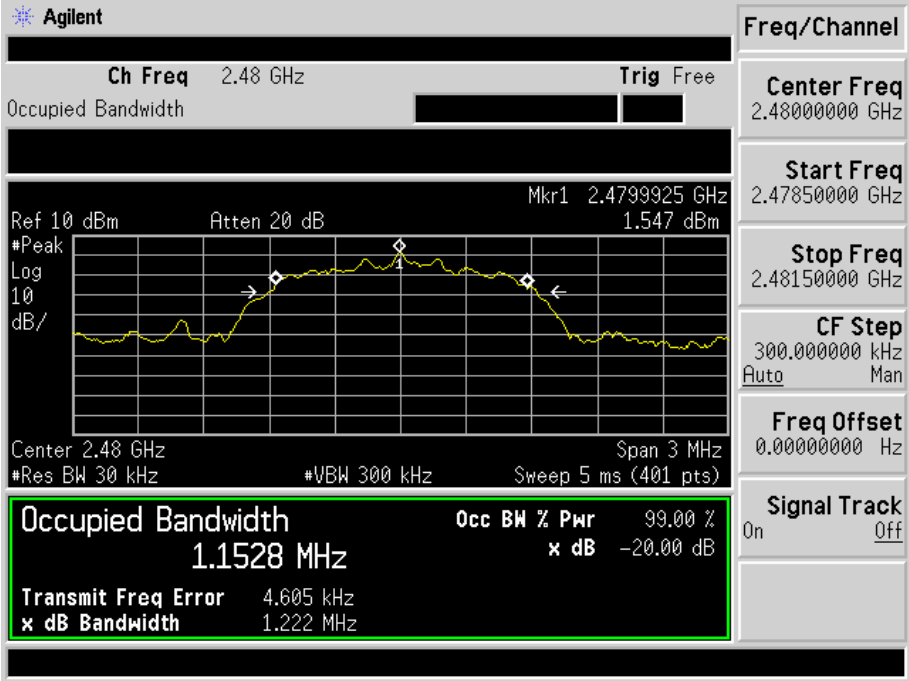
8-DPSK 2402MHz



8-DPSK 2441MHz



8-DPSK 2480MHz



5. CARRIER FREQUENCY SEPARATION

5.1. 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 125 mW

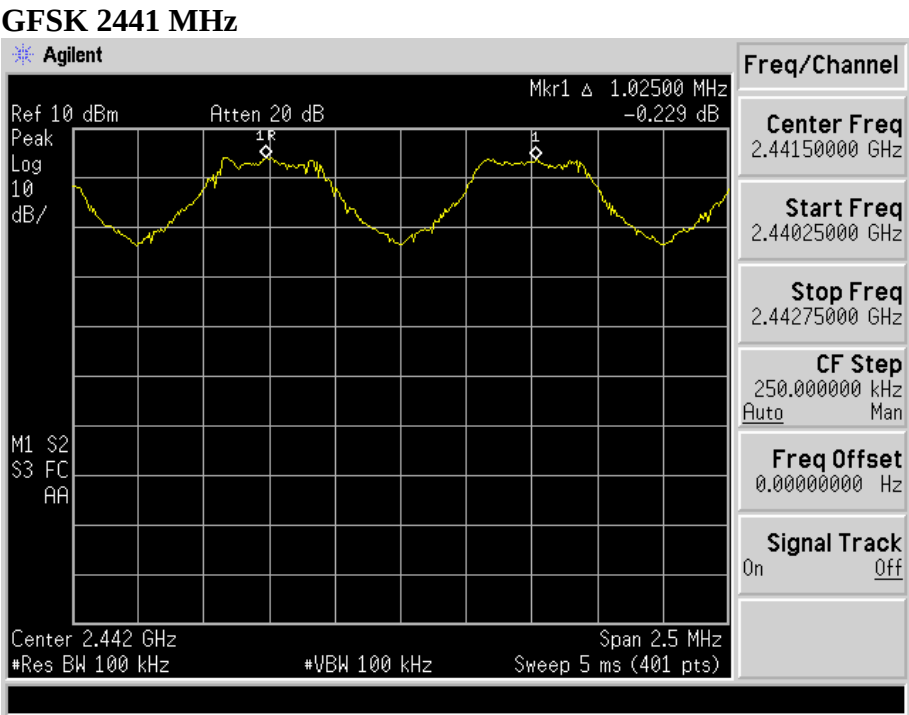
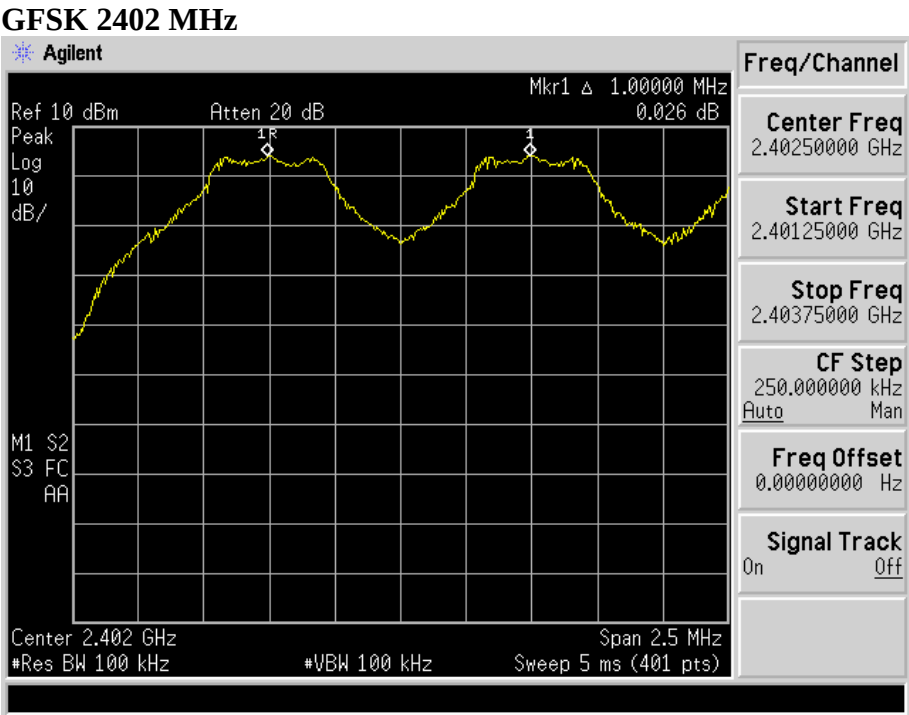
5.2. Test Procedure

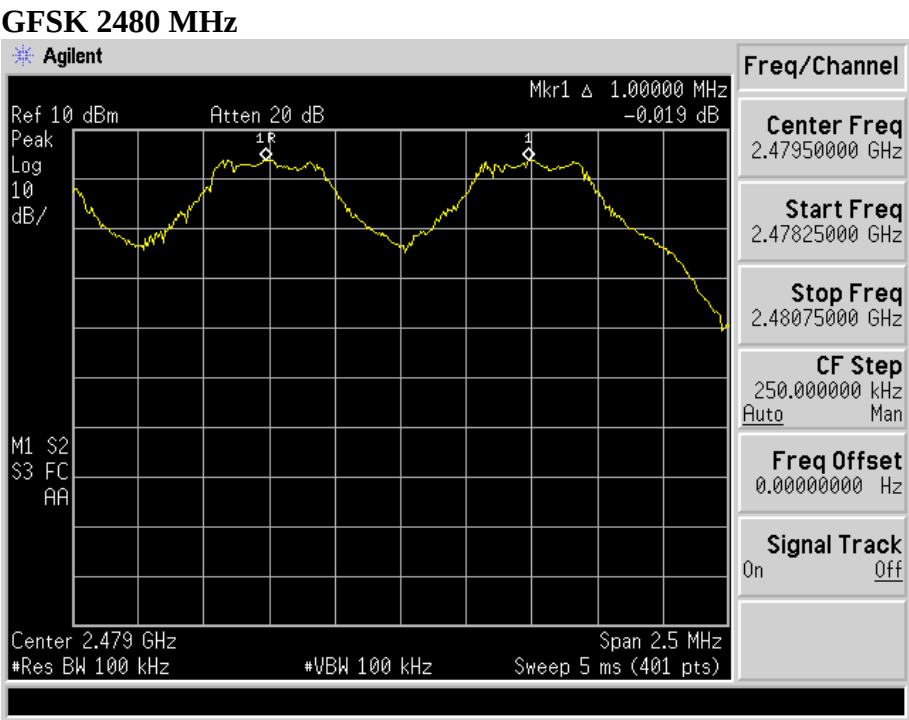
The transmitter output was coupled to a spectrum analyzer via a antenna. The carrier frequency was measured by spectrum analyzer with 100kHz RBW and 100kHz VBW.

5.3. Test Result

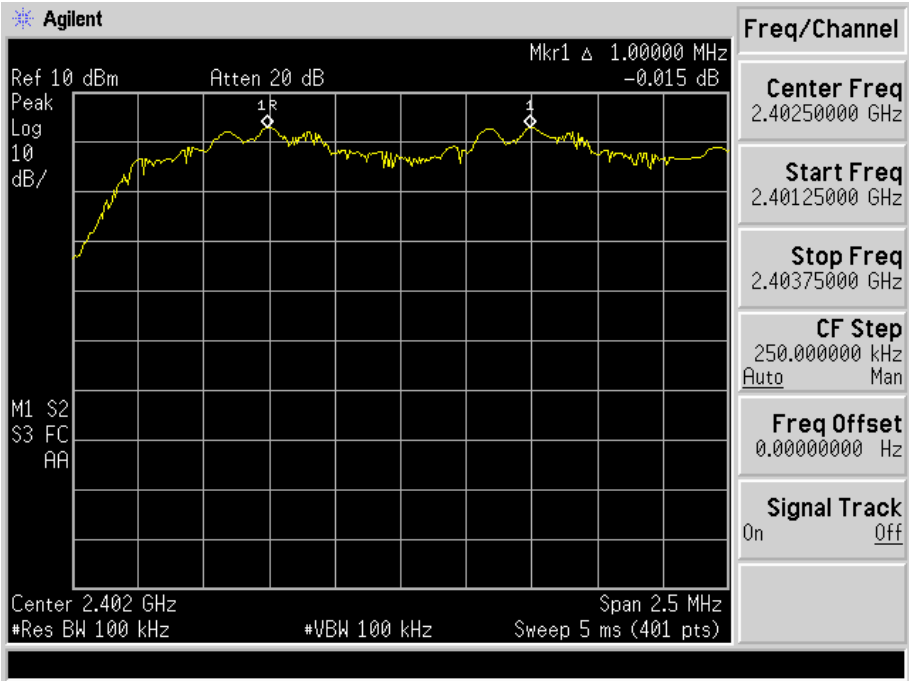
EUT: CD Receiver M/N: CR-H260i				
Test date: 2012-10-26			Test site: RF site	Tested by: Tony Tang
Mode	Channel	Channel separation (MHz)	Limit	Conclusion
GFSK	2402 MHz	1.000	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS
	2441 MHz	1.025	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS
	2480 MHz	1.000	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS
8-DPSK	2402 MHz	1.000	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS
	2441 MHz	1.012	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS
	2480 MHz	1.006	>the 2/3 of 20dB Bandwidth or 25[kHz](whichever is greater)	PASS

5.4. Test Data

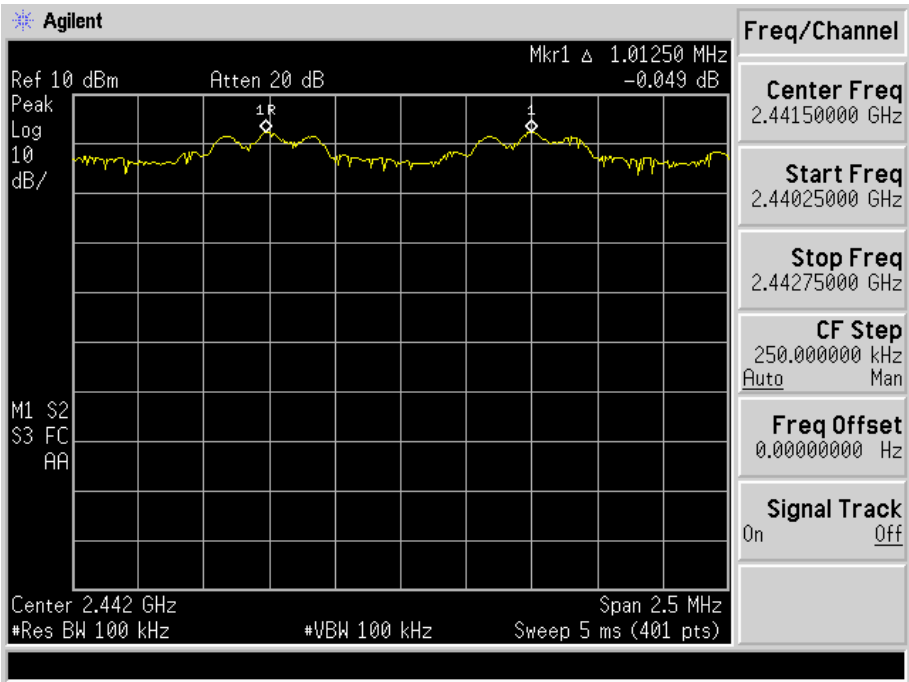




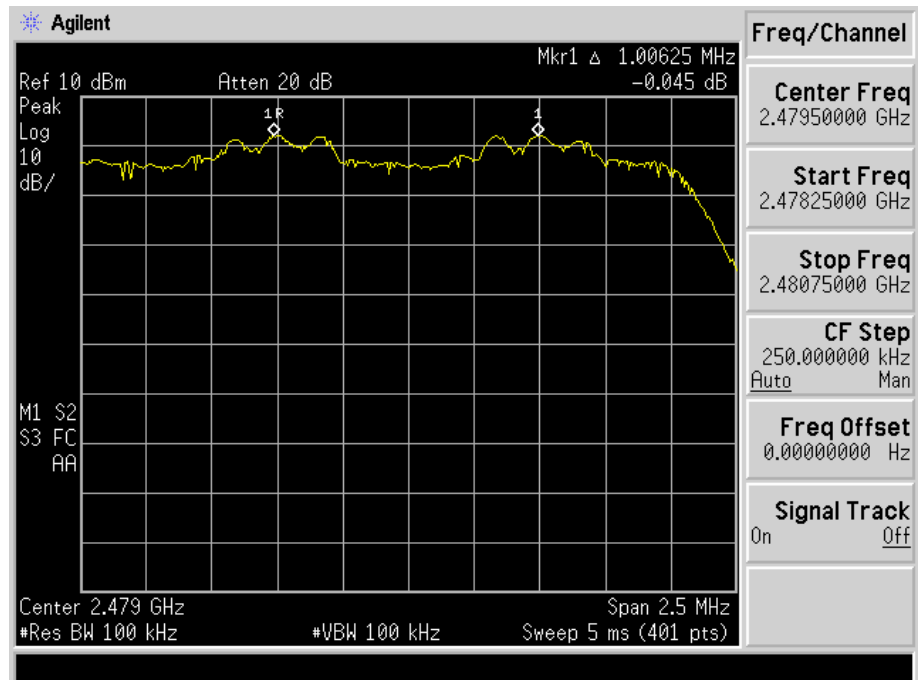
8-DPSK 2402MHz



8-DPSK 2441MHz



8-DPSK 2480MHz



6. NUMBER OF HOPPING CHANNEL

6.1. Limit

Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels

6.2. Test Procedure

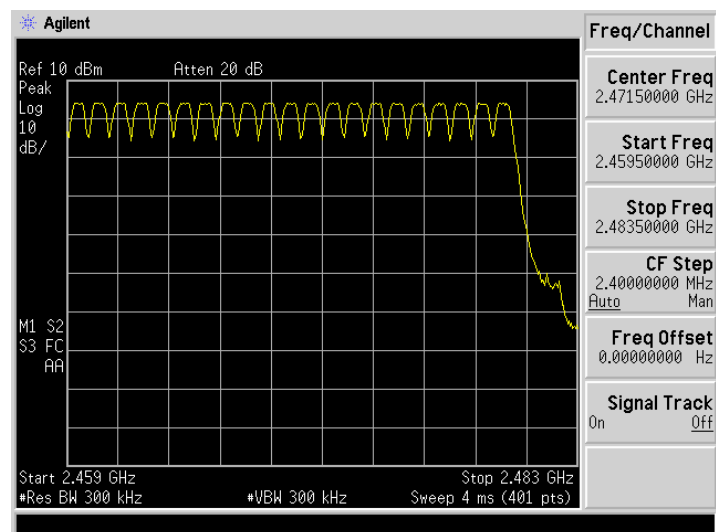
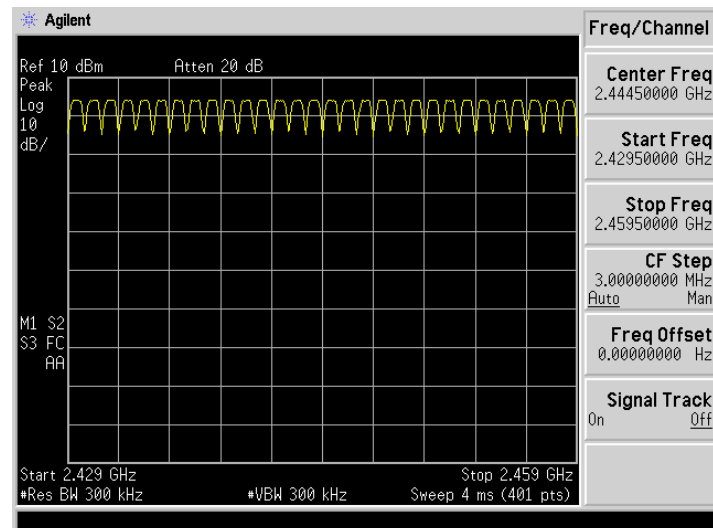
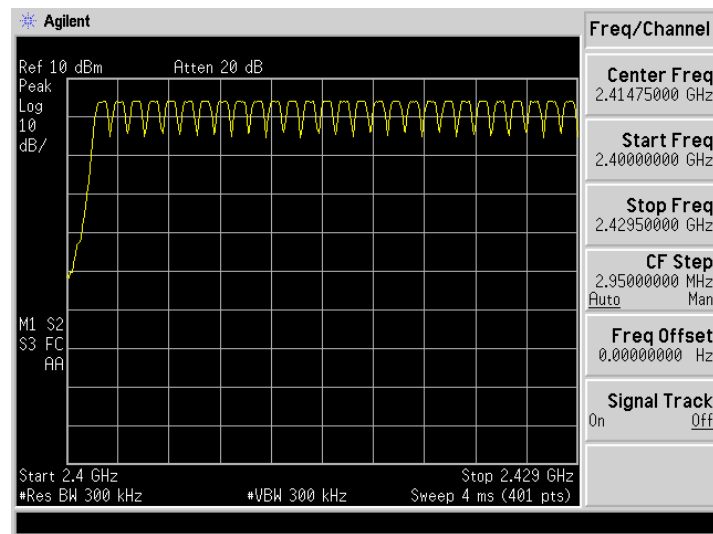
The transmitter output was coupled to a spectrum analyzer via a antenna. The number of hopping channel was measured by spectrum analyzer with 300kHz RBW and 300kHz VBW.

6.3. Test Result

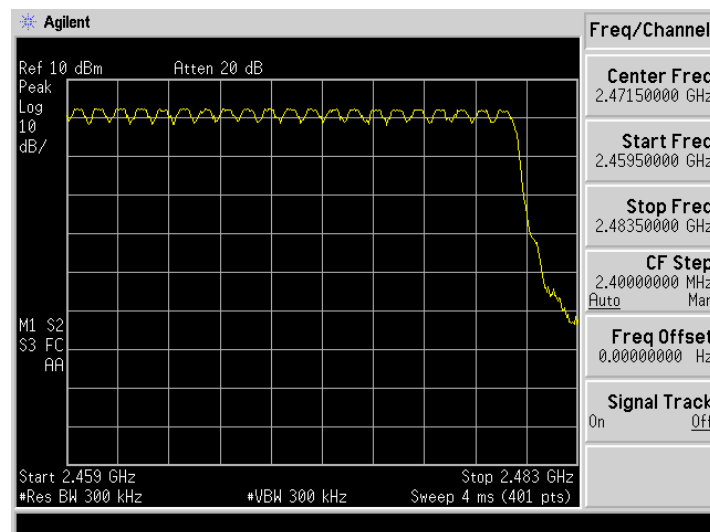
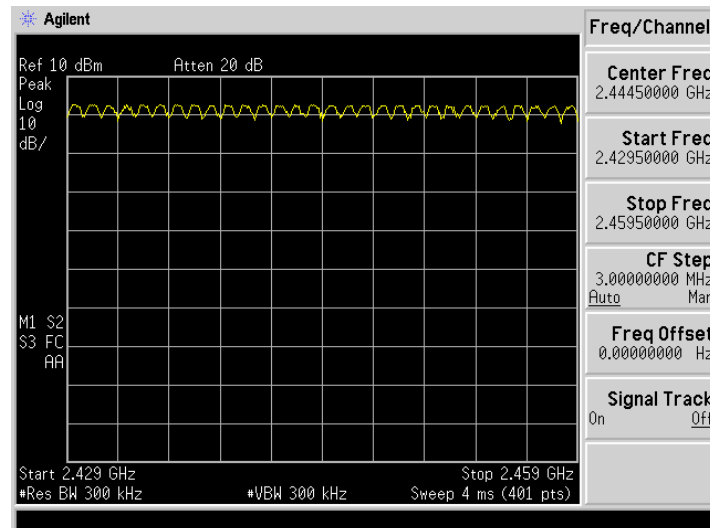
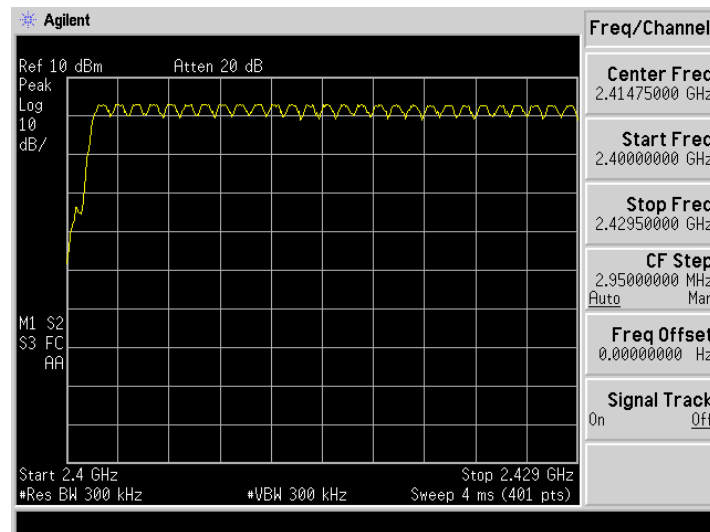
EUT: CD Receiver M/N: CR-H260i			
Test date: 2012-10-26		Test site: RF site	Tested by: Tony.Tang
Mode	Number of hopping channel	Limit	Conclusion
GFSK	79	>15	PASS
8-DPSK	79	>15	PASS

6.4. Test Data

GFSK



8-DPSK



7. DWELL TIME

7.1. Limit

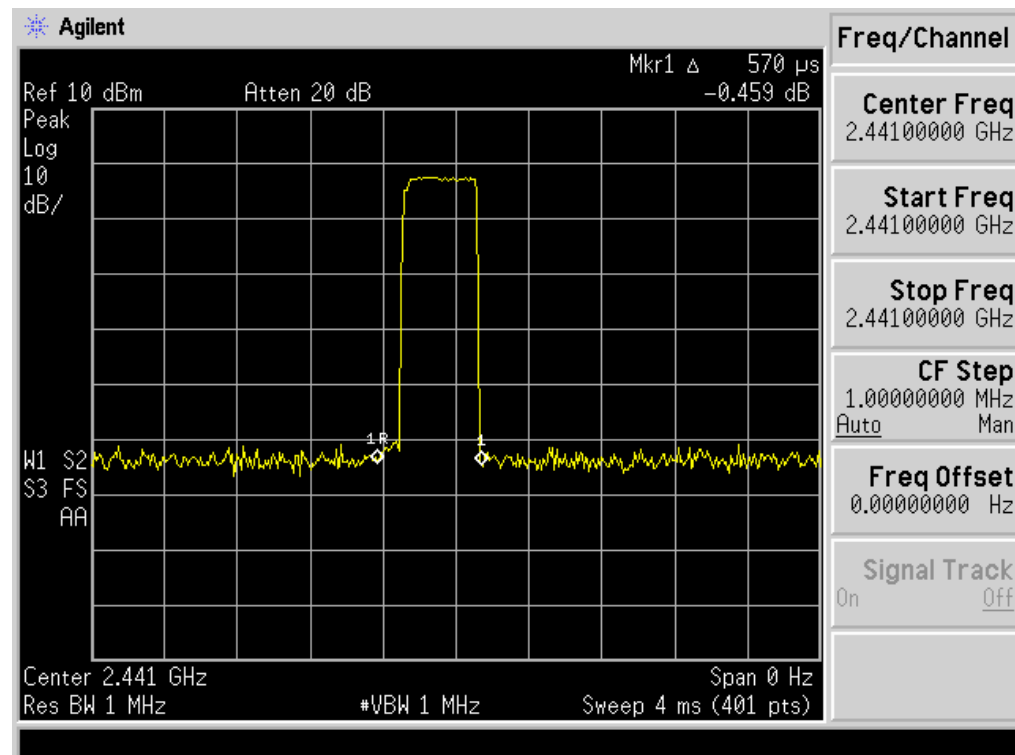
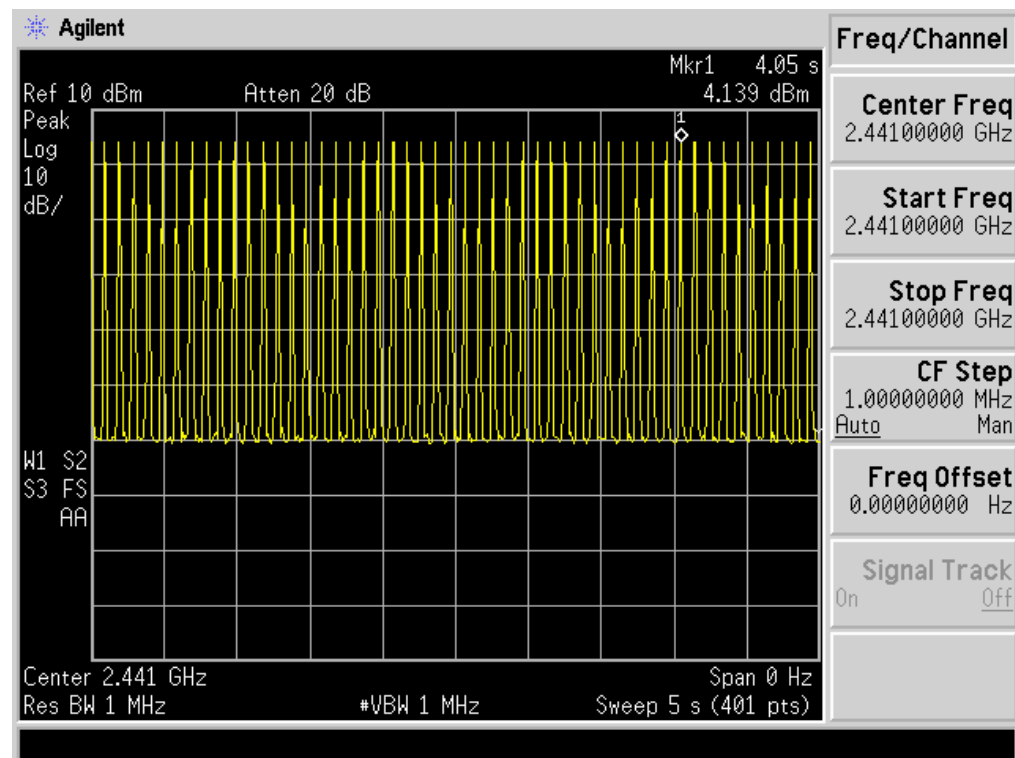
The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed.

7.2. Test Result

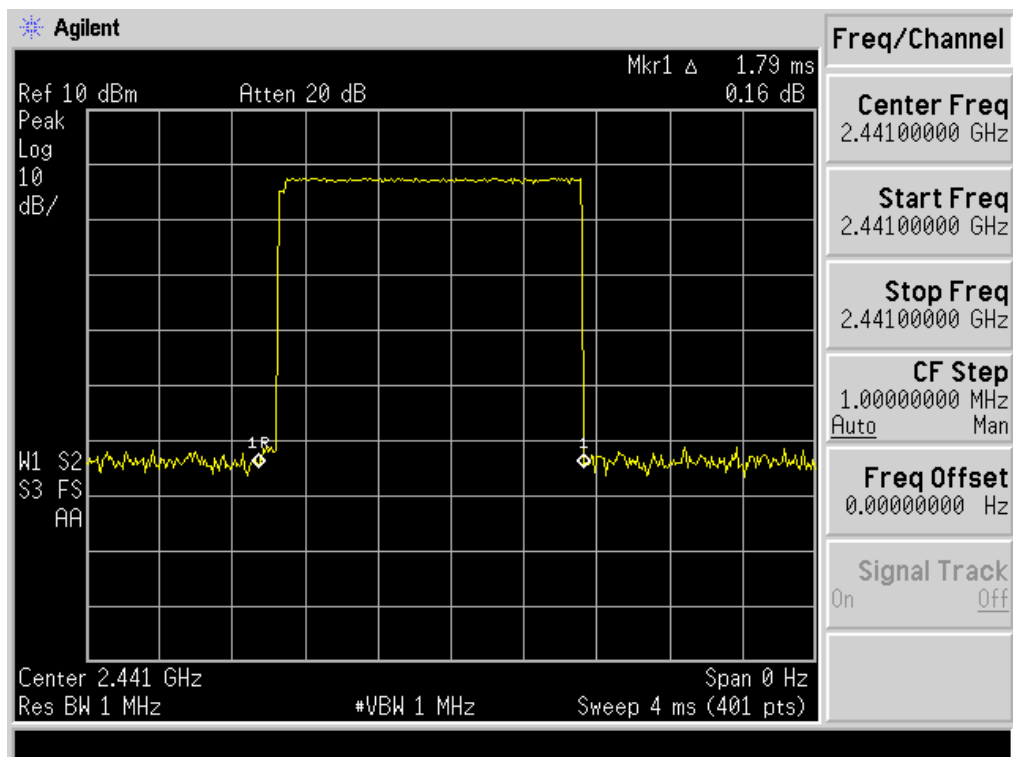
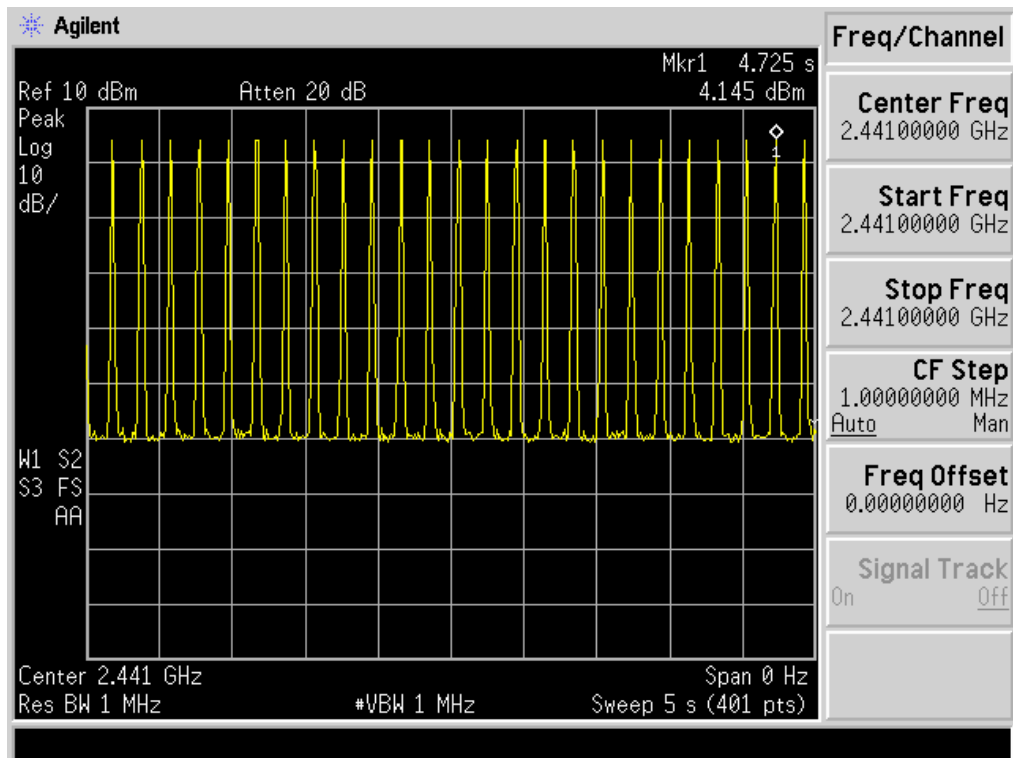
EUT: CD Receiver M/N: CR-H260i			
Test date: 2012-10-26		Test site: RF site	Tested by: Tony Tang
Mode	Dwell time	Limit	Conclusion
GFSK DH1	180.12 ms	<400ms	PASS
GFSK DH3	282.82 ms	<400ms	PASS
GFSK DH5	330.91 ms	<400ms	PASS
8-DPSK DH1	183.28 ms	<400ms	PASS
8-DPSK DH3	292.30 ms	<400ms	PASS
8-DPSK DH5	334.13 ms	<400ms	PASS

7.3. Test Data

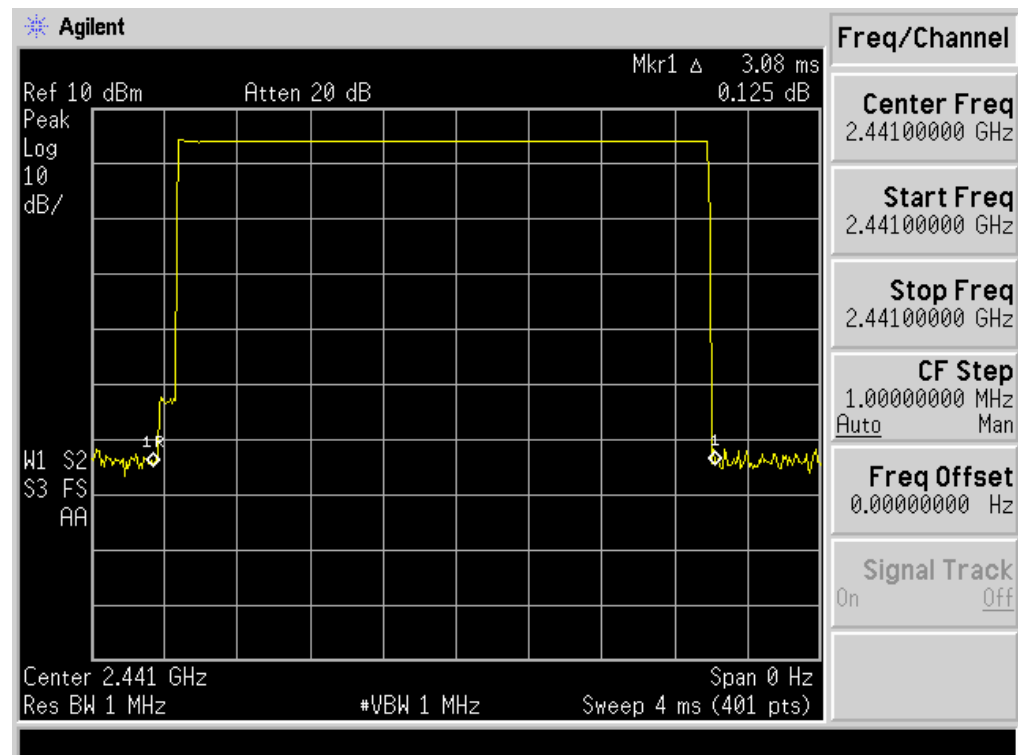
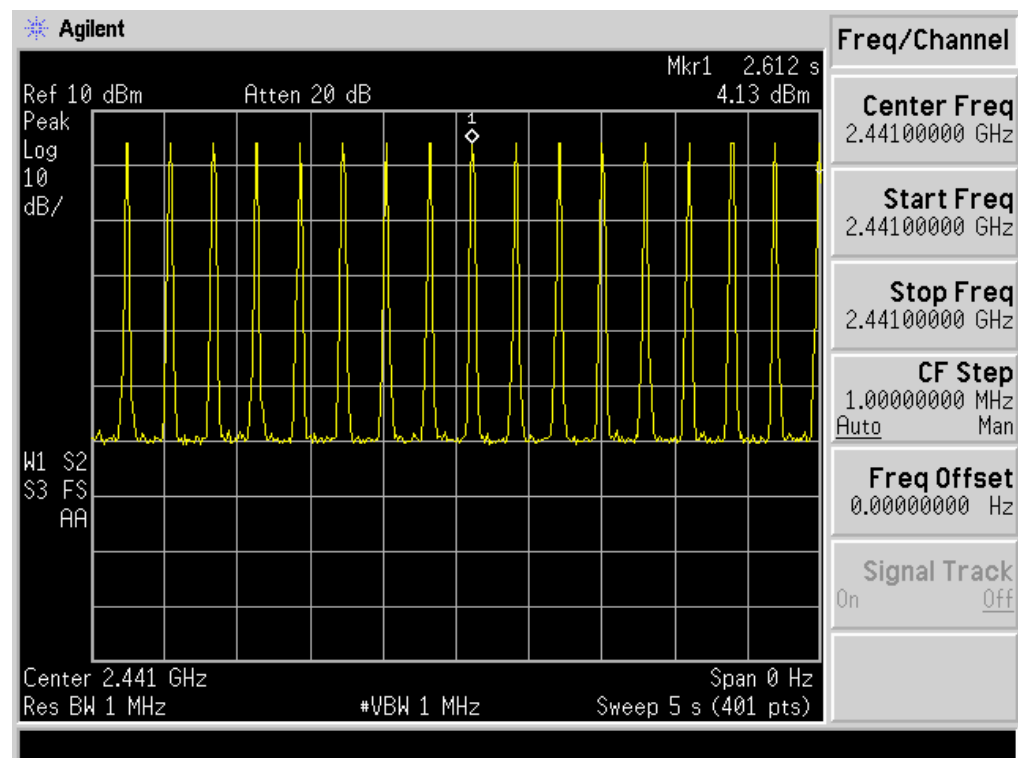
GFSK DH1 : 50hop/5s * 0.4 * 79 * 0.570ms = 180.12



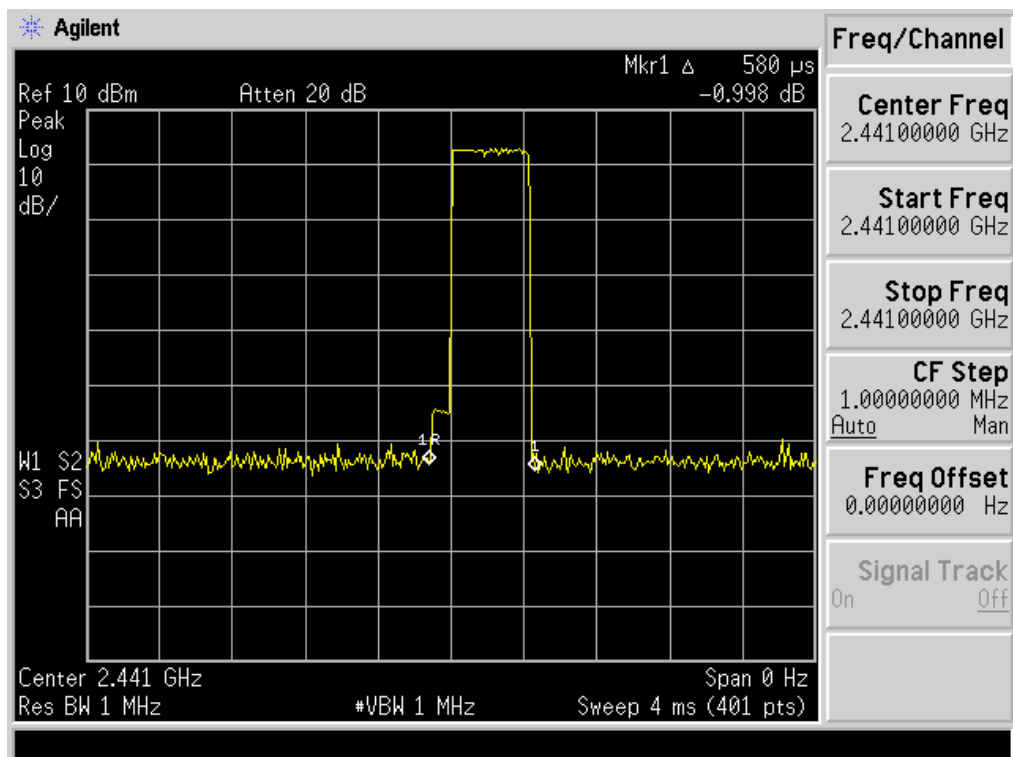
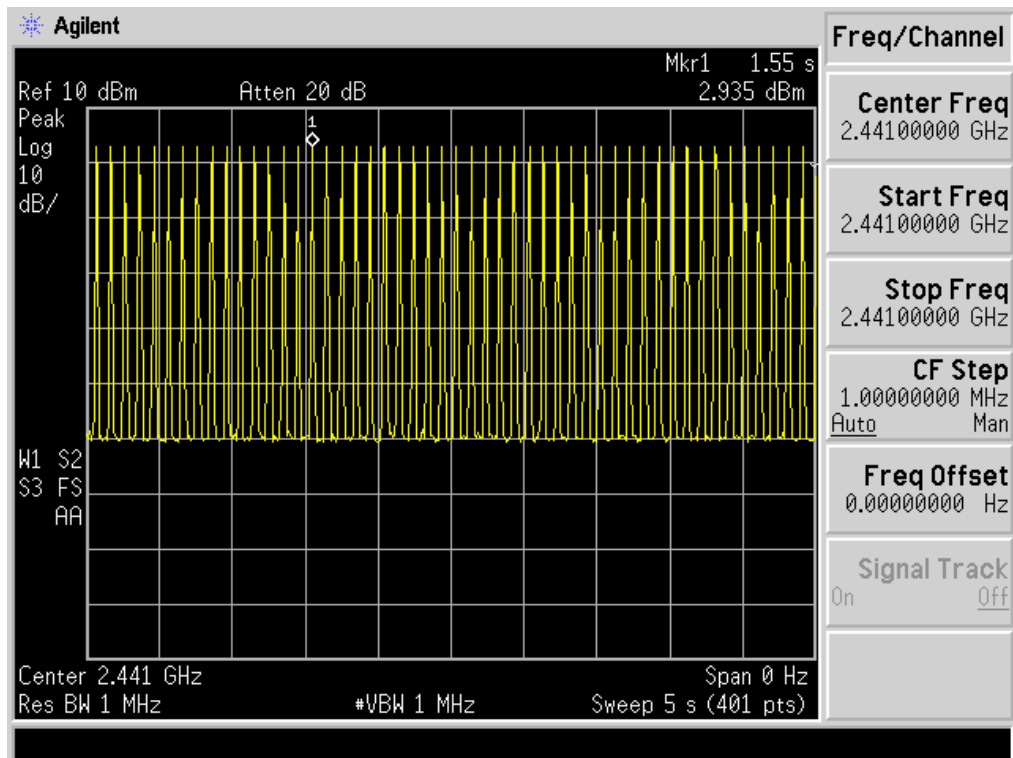
GFSK DH3 : 25hop/5s * 0.4 * 79 * 1.79ms= 282.82



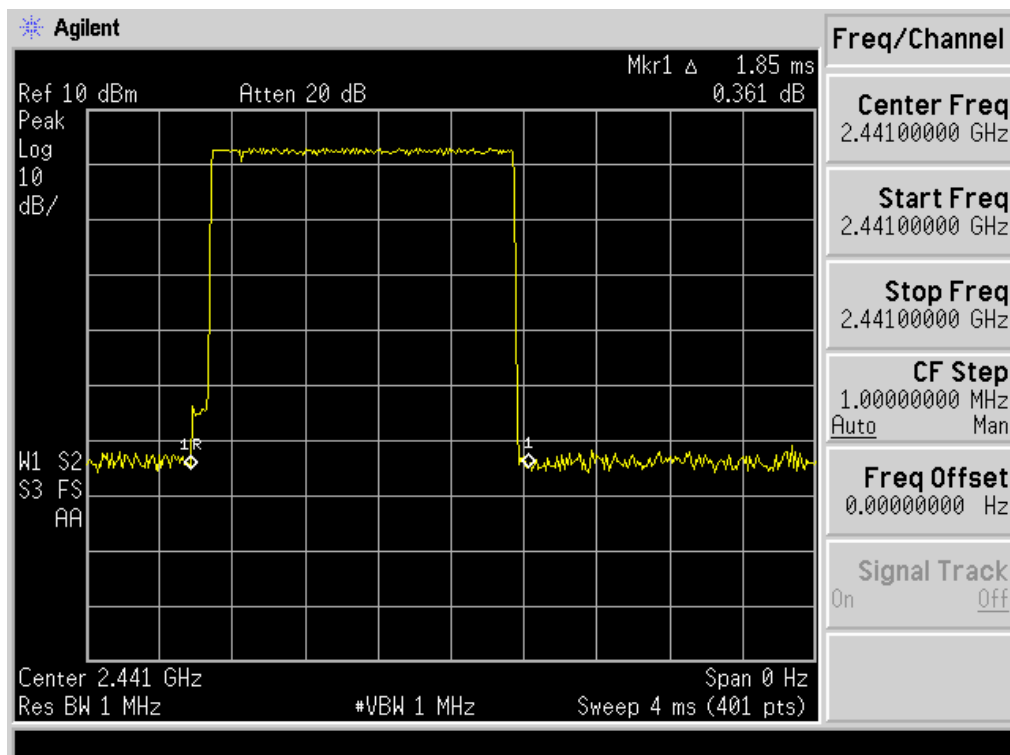
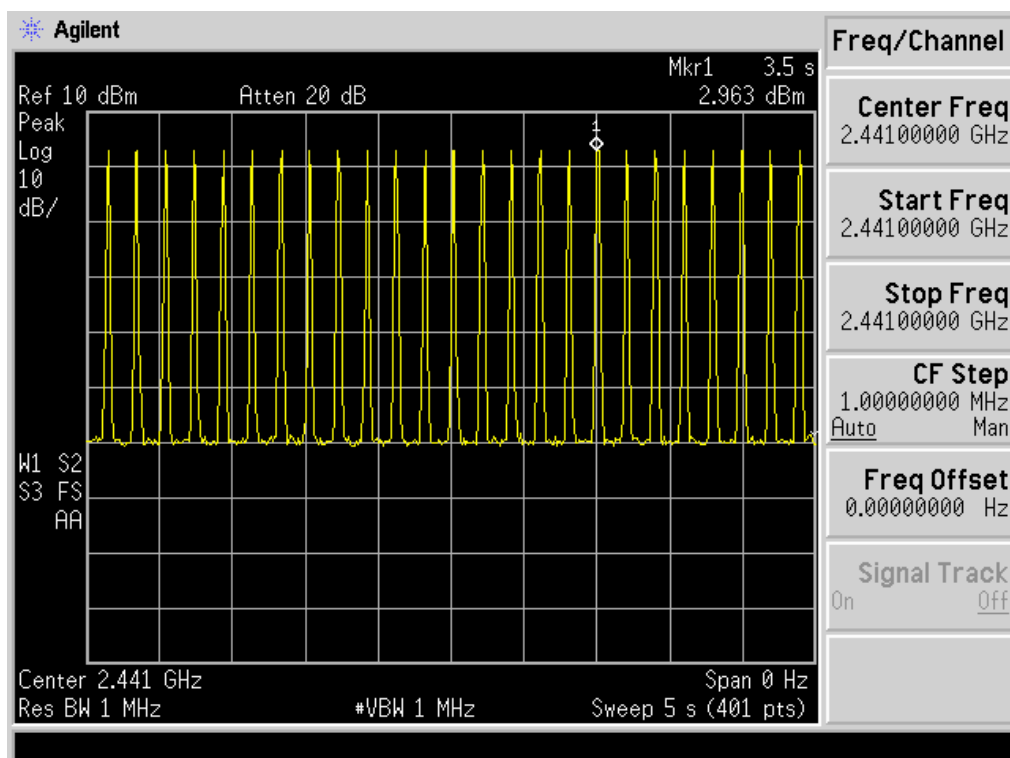
GSFK DH5 : $17\text{hop}/5\text{s} * 0.4 * 79 * 3.08\text{ms} = 330.91$



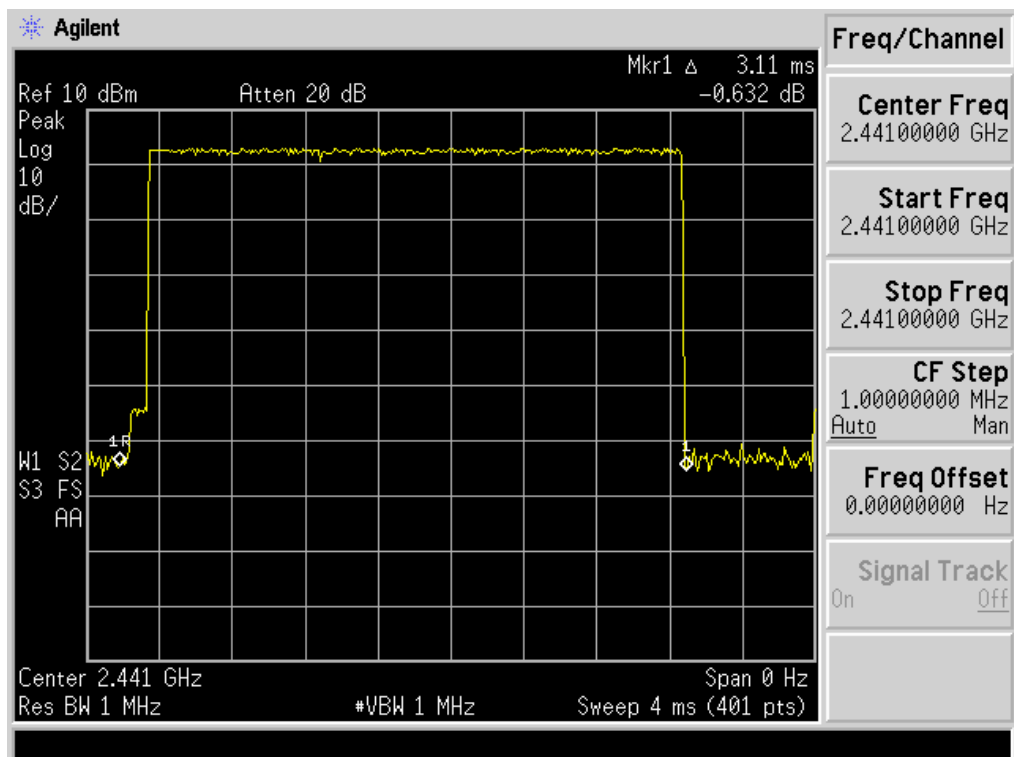
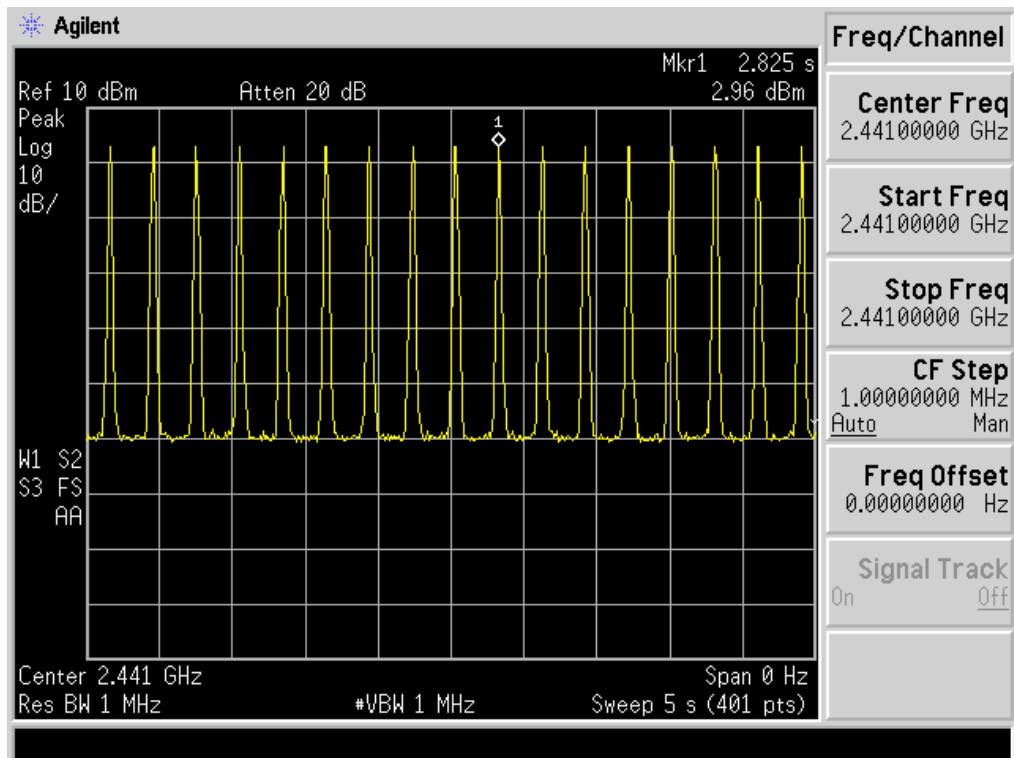
8-DPSK DH1: 50hop/5 * 0.4 * 79 * 0.580ms=183.28



8-DPSK DH3: $25/5 * 0.4 * 79 * 1.85\text{ms} = 292.30$



8-DPSK DH5: $17/5 * 0.4 * 79 * 3.11\text{ms} = 334.13$



8. RADIATED EMISSIONS

8.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

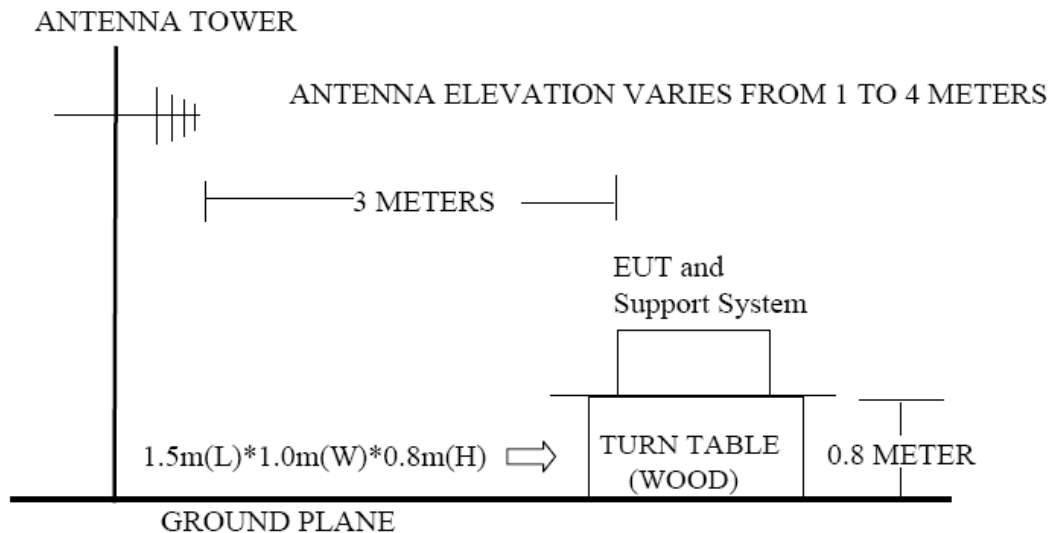
15.205 Restricted frequency band

MHz	MHz	MHz	GHz
0.090 - 0.110	16.42 - 16.423	399.9 - 410	4.5 - 5.15
¹ 0.495 - 0.505	16.69475 - 16.69525	608 - 614	5.35 - 5.46
2.1735 - 2.1905	16.80425 - 16.80475	960 - 1240	7.25 - 7.75
4.125 - 4.128	25.5 - 25.67	1300 - 1427	8.025 - 8.5
4.17725 - 4.17775	37.5 - 38.25	1435 - 1626.5	9.0 - 9.2
4.20725 - 4.20775	73 - 74.6	1645.5 - 1646.5	9.3 - 9.5
6.215 - 6.218	74.8 - 75.2	1660 - 1710	10.6 - 12.7
6.26775 - 6.26825	108 - 121.94	1718.8 - 1722.2	13.25 - 13.4
6.31175 - 6.31225	123 - 138	2200 - 2300	14.47 - 14.5
8.291 - 8.294	149.9 - 150.05	2310 - 2390	15.35 - 16.2
8.362 - 8.366	156.52475 - 156.52525	2483.5 - 2500	17.7 - 21.4
8.37625 - 8.38675	156.7 - 156.9	2690 - 2900	22.01 - 23.12
8.41425 - 8.41475	162.0125 - 167.17	3260 - 3267	23.6 - 24.0
12.29 - 12.293	167.72 - 173.2	3332 - 3339	31.2 - 31.8
12.51975 - 12.52025	240 - 285	3345.8 - 3358	36.43 - 36.5
12.57675 - 12.57725	322 - 335.4	3600 - 4400	(²)

15.209 Limit

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
960 ~ 1000	3	500	54.0
Above 1000	3	74.0 dB(μV)/m (Peak) 54.0 dB(μV)/m (Average)	

8.2. Block Diagram of Test setup



8.3. Test Procedure

EUT was placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the EMI test receiver (R&S ESVS10) is set at 120kHz for frequency range from 30MHz to 1000 MHz.

The bandwidth of the Spectrum's VBW is set at 1MHz and RBW is set at 1MHz for peak emissions measurement above 1GHz and 1MHz RBW, 10Hz VBW for average emissions measure above 1GHz

The frequency range from 30MHz to 10th harmonic (26GHz) are checked.

8.4. Test Result

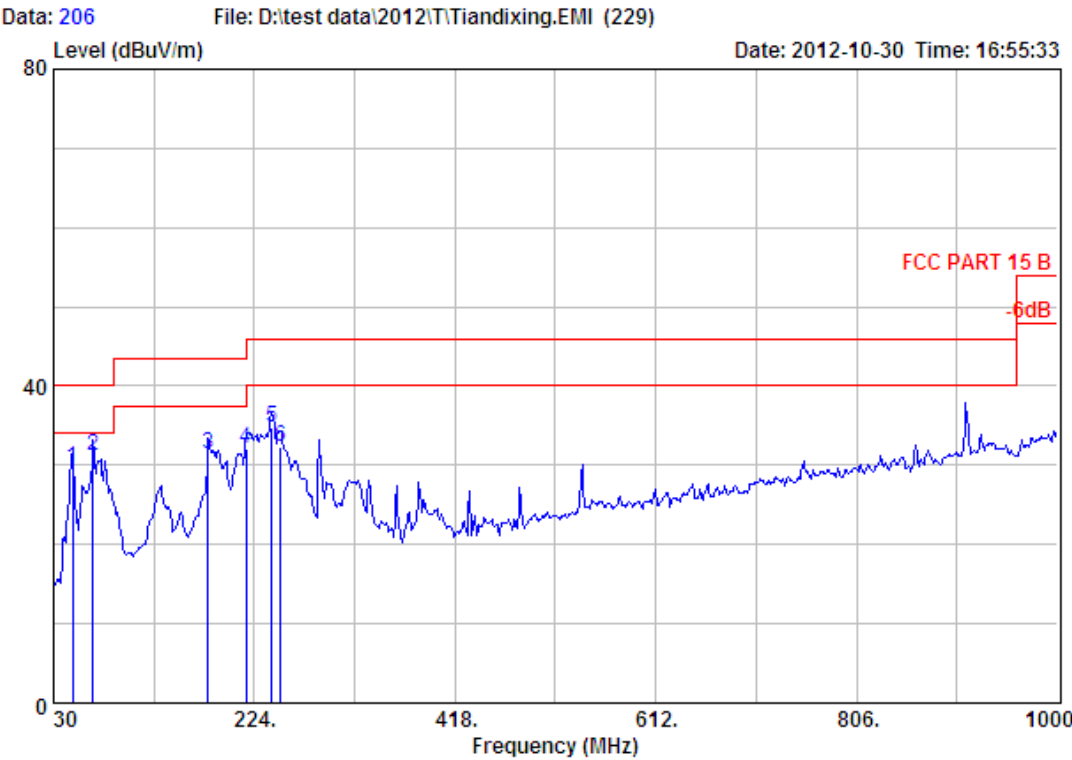
30MHz—26GHz Radiated emission Test result	
EUT: CD Receiver	M/N:CR-H260i
Power: AC 120V/60Hz	
Test date: 2012-10-30	Test site: 3m Chamber Tested by: Tony Tang
Test mode: Tx Mode	
Pass	

Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

8.5. Test Data
30 MHz – 1000 MHz

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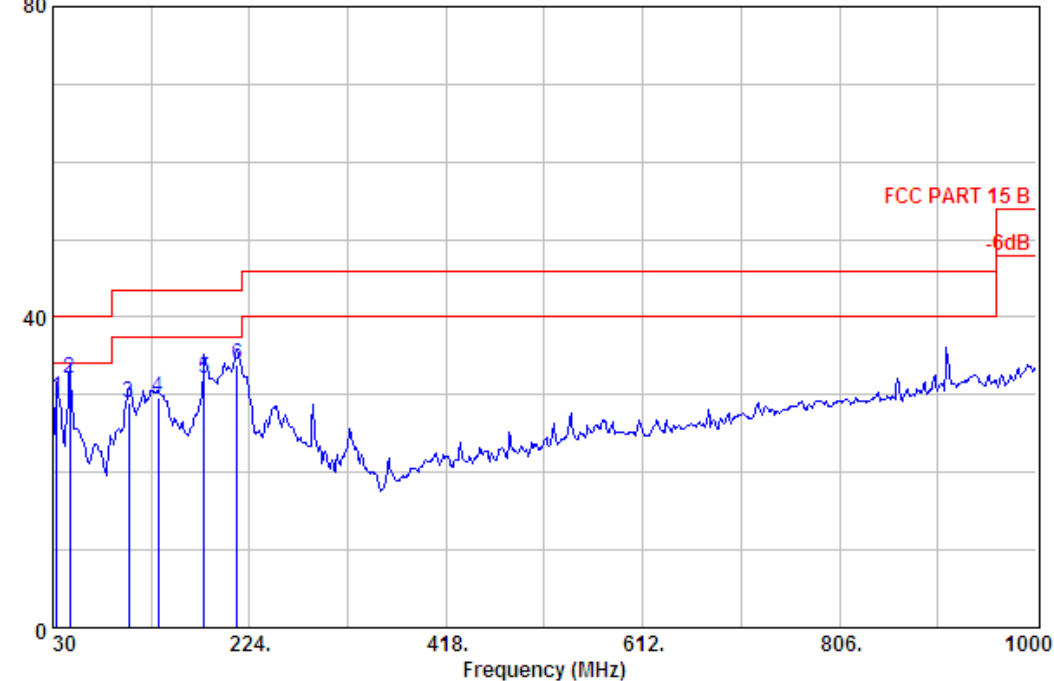
Site no. : 3m Chamber Data no. : 206
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H2601
Test Mode : GFSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	48.43	8.37	2.30	18.99	29.66	40.00	10.34	QP
2	67.83	5.39	2.72	23.06	31.17	40.00	8.83	QP
3	179.38	8.96	4.11	18.27	31.34	43.50	12.16	QP
4	216.24	8.80	4.40	18.84	32.04	46.00	13.96	QP
5	240.49	10.36	4.71	19.60	34.67	46.00	11.33	QP
6	249.22	11.67	4.86	15.76	32.29	46.00	13.71	QP

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Data: 207 File: D:\test data\2012\T\Tiandixing.EMI (229) Date: 2012-10-30 Time: 16:58:30

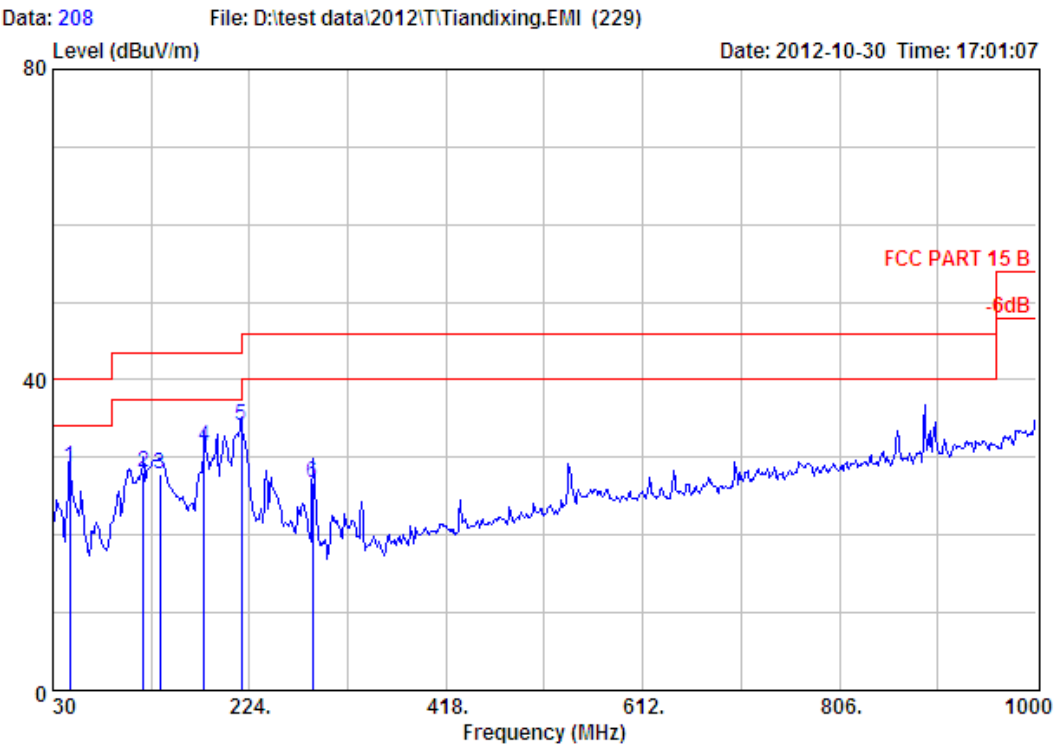


Site no. : 3m Chamber Data no. : 207
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	33.88	16.11	1.99	11.46	29.56	40.00	10.44	QP
2	46.49	9.20	2.28	20.52	32.00	40.00	8.00	QP
3	104.69	9.95	3.11	15.97	29.03	43.50	14.47	QP
4	133.79	11.36	3.58	14.69	29.63	43.50	13.87	QP
5	179.38	8.96	4.11	19.04	32.11	43.50	11.39	QP
6	211.39	8.51	4.34	21.10	33.95	43.50	9.55	QP

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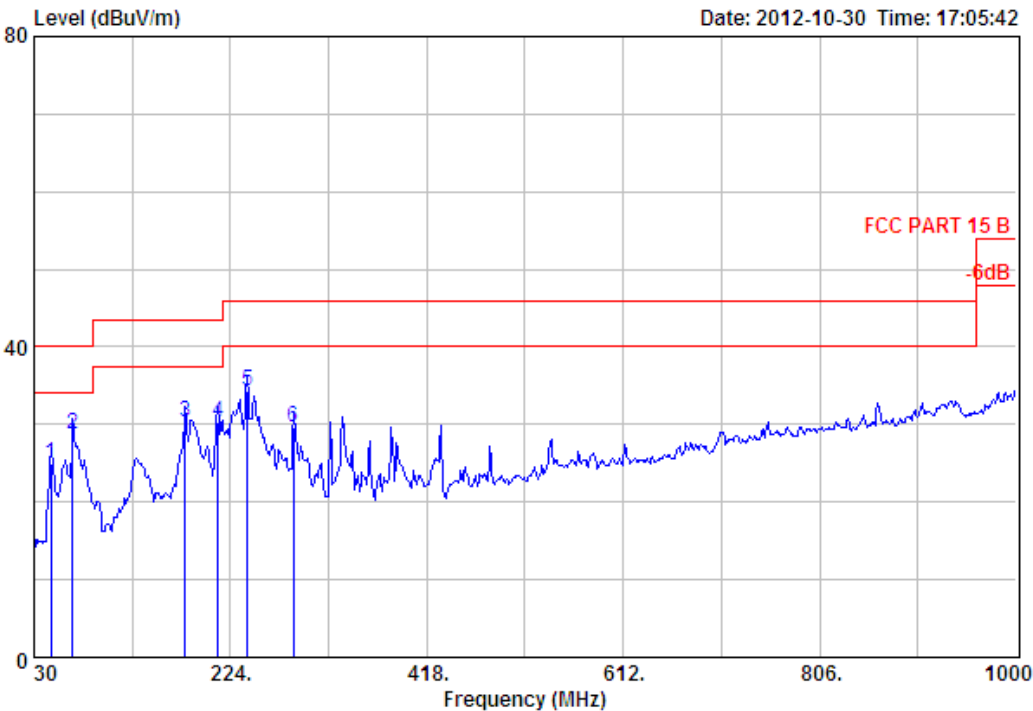
Site no. : 3m Chamber Data no. : 208
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Reamark (dB)
1	46.49	9.20	2.28	17.29	28.77	40.00	11.23	QP
2	119.24	11.11	3.34	13.64	28.09	43.50	15.41	QP
3	135.73	11.38	3.60	12.81	27.79	43.50	15.71	QP
4	179.38	8.96	4.11	18.26	31.33	43.50	12.17	QP
5	216.24	8.80	4.40	20.93	34.13	46.00	11.87	QP
6	286.08	12.59	5.14	9.05	26.78	46.00	19.22	QP

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Data: 209 File: D:\test data\2012\T\Tiandixing,EMI (229) Date: 2012-10-30 Time: 17:05:42

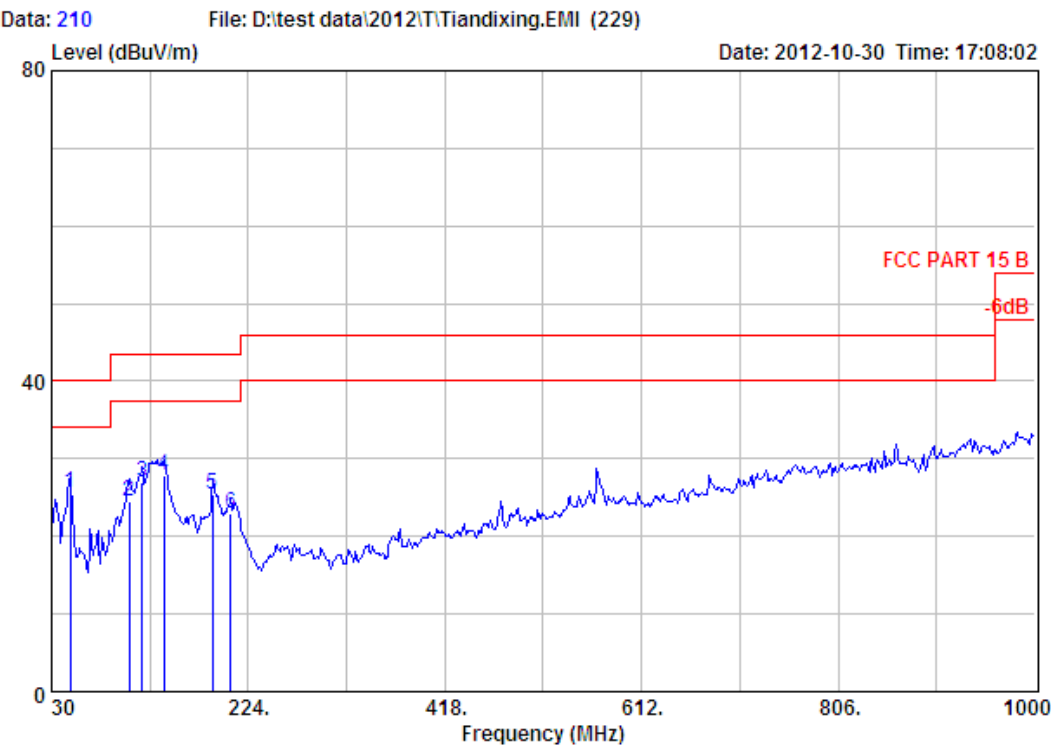


Site no. : 3m Chamber Data no. : 209
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	46.49	9.20	2.28	13.57	25.05	40.00	14.95	QP
2	67.83	5.39	2.72	20.73	28.84	40.00	11.16	QP
3	179.38	8.96	4.11	17.33	30.40	43.50	13.10	QP
4	211.39	8.51	4.34	17.43	30.28	43.50	13.22	QP
5	240.49	10.36	4.71	19.27	34.34	46.00	11.66	QP
6	286.08	12.59	5.14	12.00	29.73	46.00	16.27	QP

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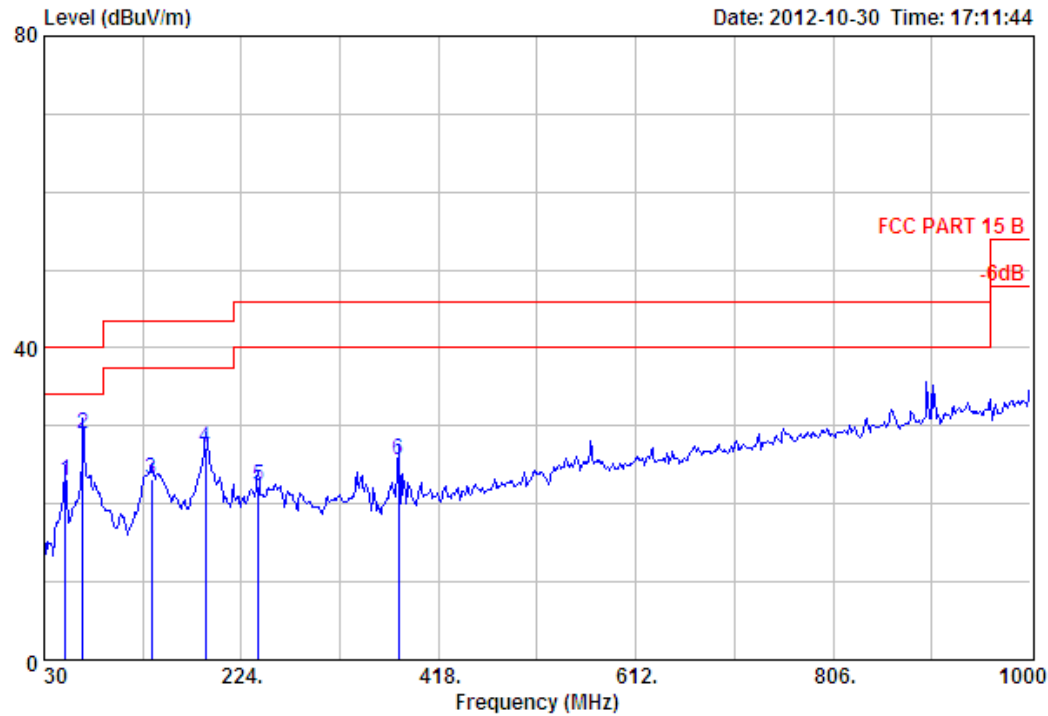
Site no. : 3m Chamber Data no. : 210
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	48.43	8.37	2.30	14.86	25.53	40.00	14.47	QP
2	106.63	10.15	3.15	11.13	24.43	43.50	19.07	QP
3	119.24	11.11	3.34	12.41	26.86	43.50	16.64	QP
4	140.58	11.40	3.66	12.88	27.94	43.50	15.56	QP
5	189.08	8.05	4.20	13.11	25.36	43.50	18.14	QP
6	206.54	8.09	4.32	10.45	22.86	43.50	20.64	QP

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Data: 211 File: D:\test data\2012\T\Tiandixing.EMI (229) Date: 2012-10-30 Time: 17:11:44



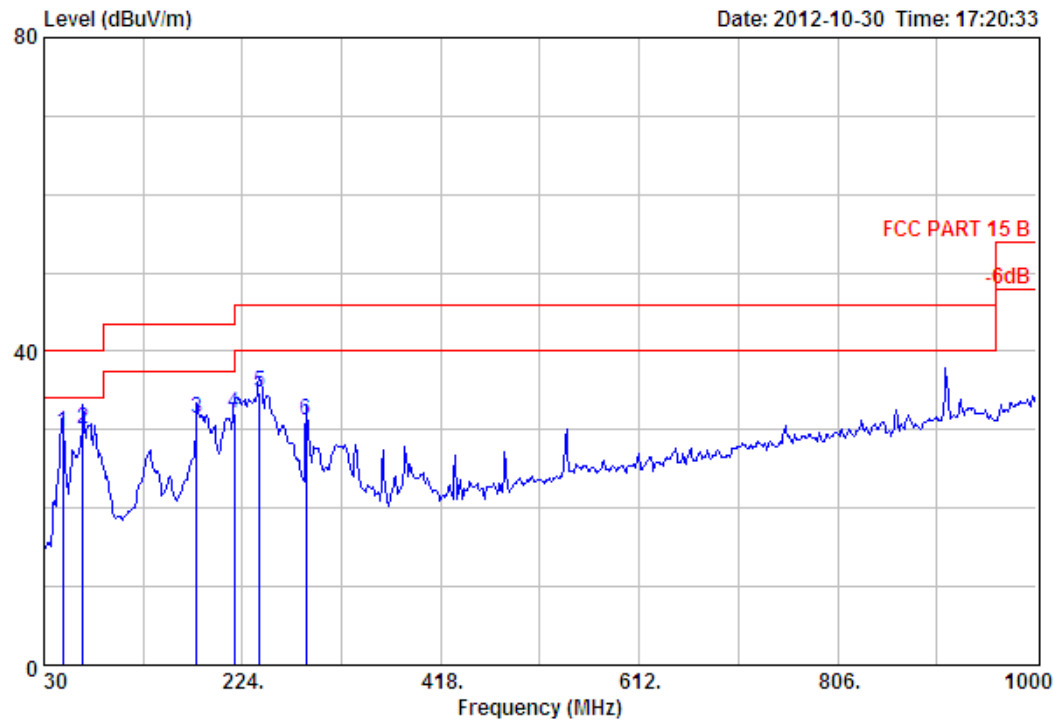
Site no. : 3m Chamber Data no. : 211
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Reamark (dB)
1	51.34	6.92	2.38	13.67	22.97	40.00	17.03	QP
2	67.83	5.39	2.72	20.84	28.95	40.00	11.05	QP
3	135.73	11.38	3.60	8.17	23.15	43.50	20.35	QP
4	189.08	8.05	4.20	14.96	27.21	43.50	16.29	QP
5	240.49	10.36	4.71	7.31	22.38	46.00	23.62	QP
6	378.23	14.98	5.78	4.78	25.54	46.00	20.46	QP

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Data: 212 File: D:\test data\2012\T\Tiandixing.EMI (229) Date: 2012-10-30 Time: 17:20:33



Site no. : 3m Chamber Data no. : 212
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Reamark (dB)
1	48.43	8.37	2.30	18.99	29.66	40.00	10.34	QP
2	67.83	5.39	2.72	22.06	30.17	40.00	9.83	QP
3	179.38	8.96	4.11	18.27	31.34	43.50	12.16	QP
4	216.24	8.80	4.40	18.84	32.04	46.00	13.96	QP
5	240.49	10.36	4.71	19.60	34.67	46.00	11.33	QP
6	286.08	12.59	5.14	13.45	31.18	46.00	14.82	QP

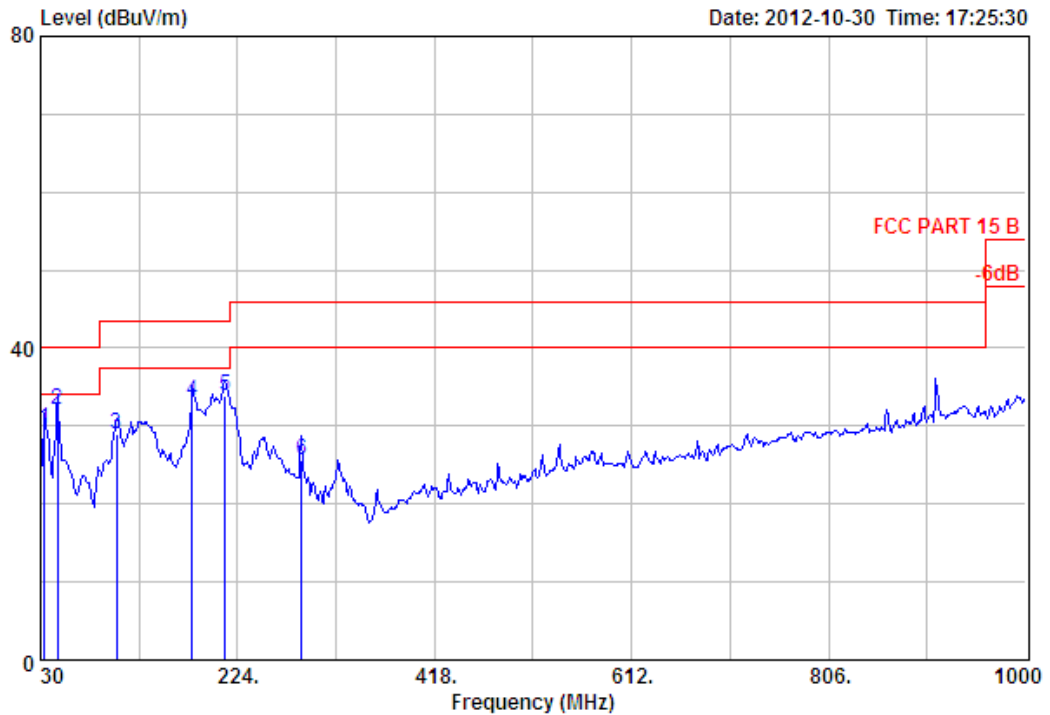
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Data: 213

File: D:\test data\2012\T\Tiandixing.EMI (229)

Date: 2012-10-30 Time: 17:25:30

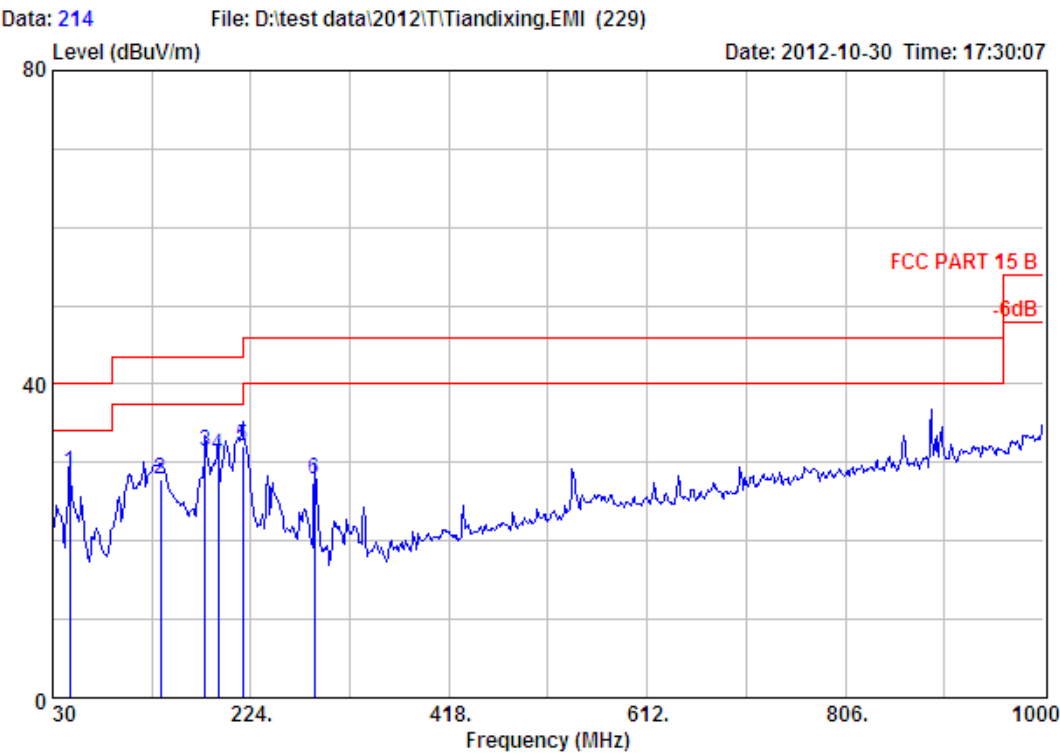


Site no. : 3m Chamber Data no. : 213
 Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	33.88	16.11	1.99	11.46	29.56	40.00	10.44	QP
2	46.49	9.20	2.28	20.52	32.00	40.00	8.00	QP
3	104.69	9.95	3.11	15.97	29.03	43.50	14.47	QP
4	179.38	8.96	4.11	20.04	33.11	43.50	10.39	QP
5	211.39	8.51	4.34	21.10	33.95	43.50	9.55	QP
6	287.05	12.59	5.14	7.81	25.54	46.00	20.46	QP

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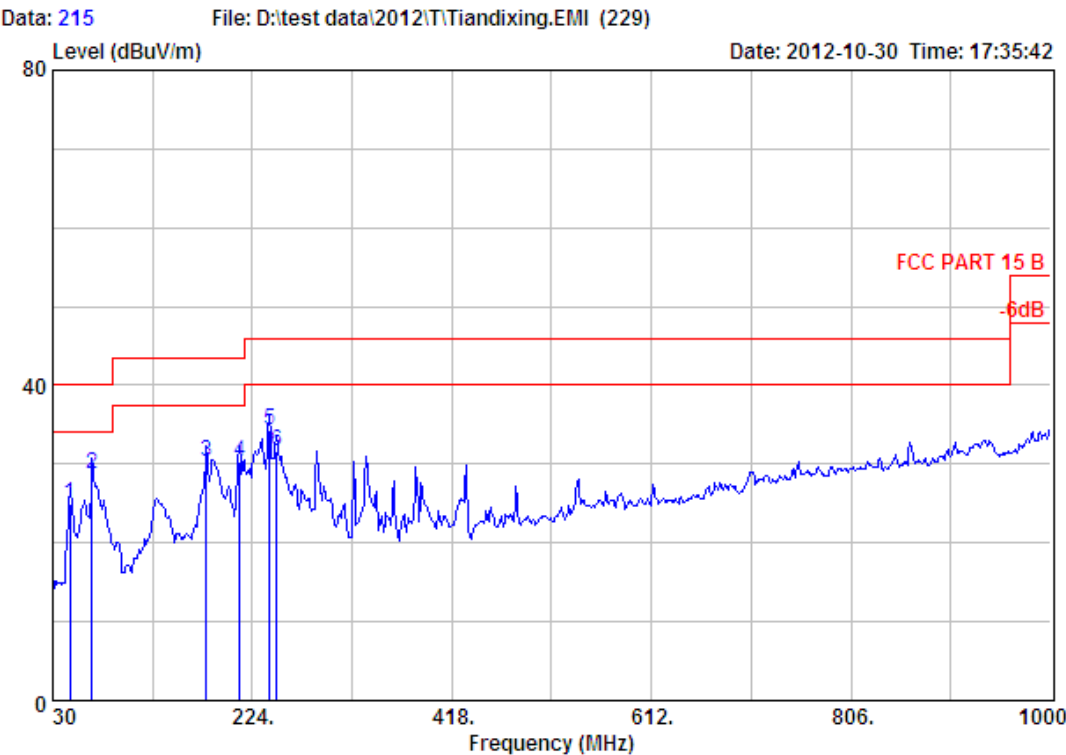


Site no. : 3m Chamber Data no. : 214
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBUV)	Emission		Margin (dB)	Reamark
					Level (dBUV/m)	Limits (dBUV/m)		
1	46.49	9.20	2.28	17.29	28.77	40.00	11.23	QP
2	135.73	11.38	3.60	12.81	27.79	43.50	15.71	QP
3	179.38	8.96	4.11	18.26	31.33	43.50	12.17	QP
4	191.99	7.85	4.22	18.87	30.94	43.50	12.56	QP
5	216.24	8.80	4.40	18.93	32.13	46.00	13.87	QP
6	286.08	12.59	5.14	10.05	27.78	46.00	18.22	QP

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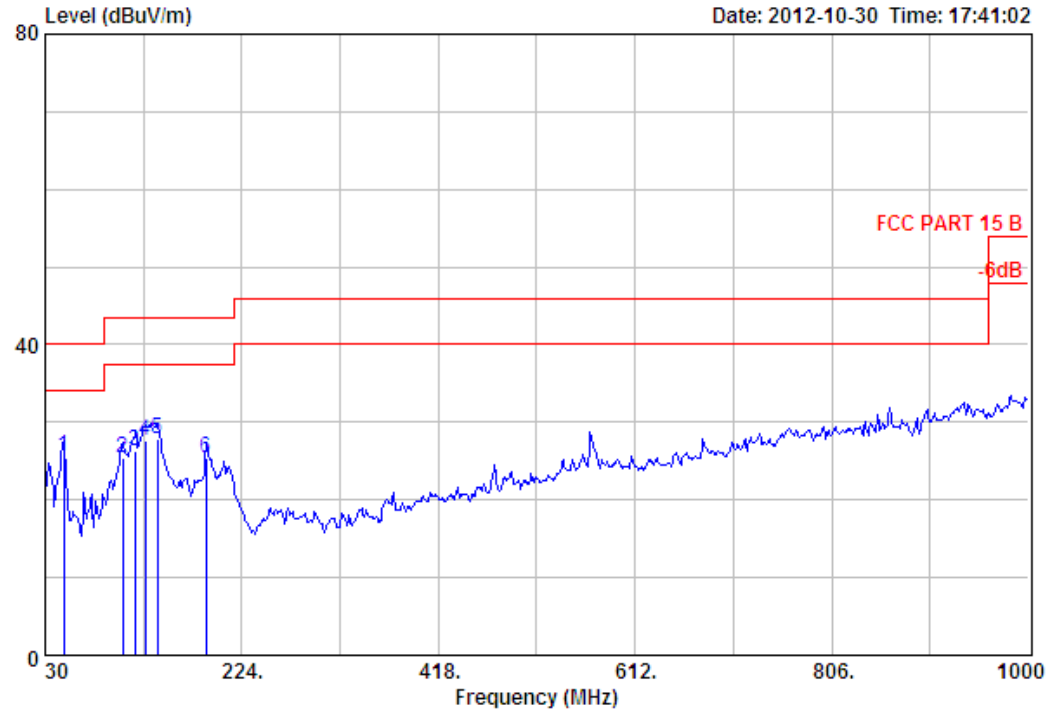
Site no. : 3m Chamber Data no. : 215
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission		Margin (dB)	Reamark
					Level (dBuV/m)	Limits (dBuV/m)		
1	46.49	9.20	2.28	13.57	25.05	40.00	14.95	QP
2	67.83	5.39	2.72	20.73	28.84	40.00	11.16	QP
3	179.38	8.96	4.11	17.33	30.40	43.50	13.10	QP
4	211.39	8.51	4.34	17.43	30.28	43.50	13.22	QP
5	240.49	10.36	4.71	19.27	34.34	46.00	11.66	QP
6	247.28	11.36	4.78	15.55	31.69	46.00	14.31	QP

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Data: 216 File: D:\test data\2012\T\Tiandixing.EMI (229) Date: 2012-10-30 Time: 17:41:02



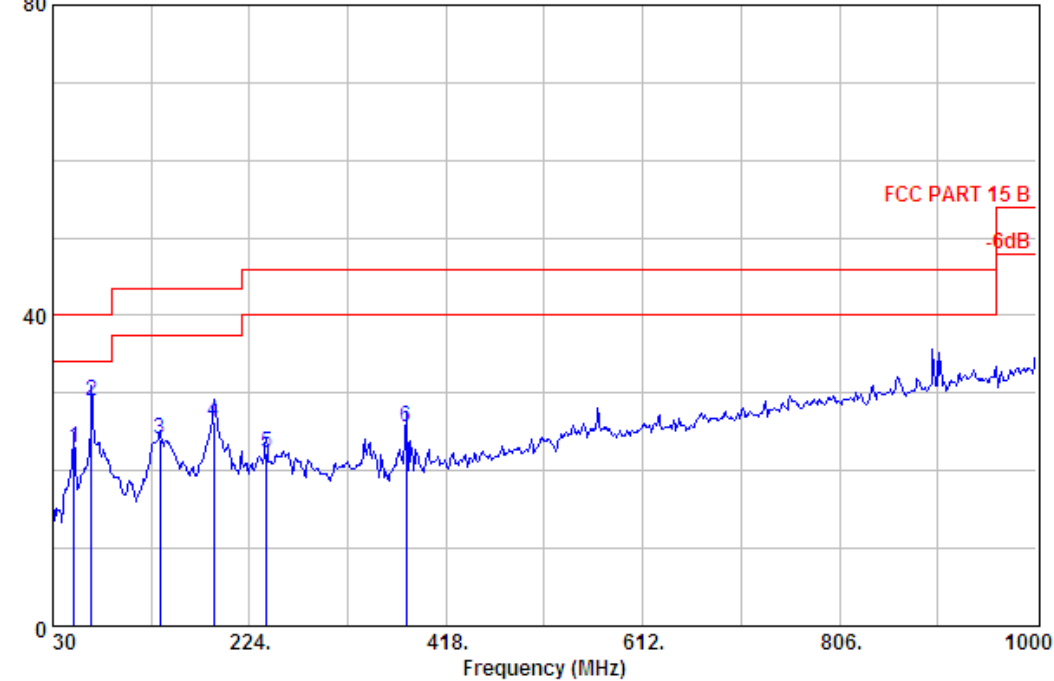
Site no. : 3m Chamber Data no. : 216
Dis. / Ant. : 3m 27137 Ant. pol. : VERTICAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2480MHz

	Ant.		Cable		Emission		Margin	Reamark
	Freq. (MHz)	Factor (dB/m)	Loss (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)		
1	48.43	8.37	2.30	14.86	25.53	40.00	14.47	QP
2	106.63	10.15	3.15	12.13	25.43	43.50	18.07	QP
3	118.27	11.07	3.33	11.98	26.38	43.50	17.12	QP
4	128.94	11.33	3.48	12.73	27.54	43.50	15.96	QP
5	140.58	11.40	3.66	12.88	27.94	43.50	15.56	QP
6	189.08	8.05	4.20	13.11	25.36	43.50	18.14	QP

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Data: 217 File: D:\test data\2012\T\Tiandixing.EMI (229) Date: 2012-10-30 Time: 17:45:44



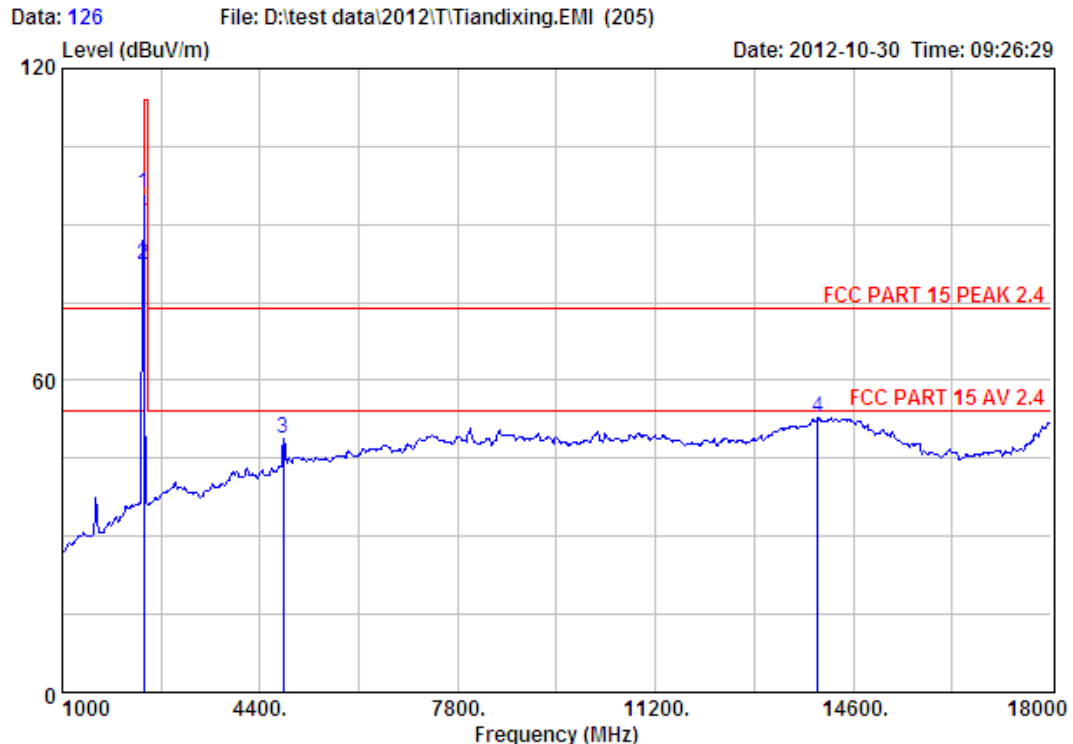
Site no. : 3m Chamber Data no. : 217
Dis. / Ant. : 3m 27137 Ant. pol. : HORIZONTAL
Limit : FCC PART 15 B
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Reamark (dB)
1	51.34	6.92	2.38	13.67	22.97	40.00	17.03	QP
2	67.83	5.39	2.72	20.84	28.95	40.00	11.05	QP
3	135.73	11.38	3.60	9.17	24.15	43.50	19.35	QP
4	189.08	8.05	4.20	13.96	26.21	43.50	17.29	QP
5	240.49	10.36	4.71	7.31	22.38	46.00	23.62	QP
6	378.23	14.98	5.78	4.78	25.54	46.00	20.46	QP

1000 MHz – 18000MHz

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Site no. : 3m Chamber Data no. : 126
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2402MHz

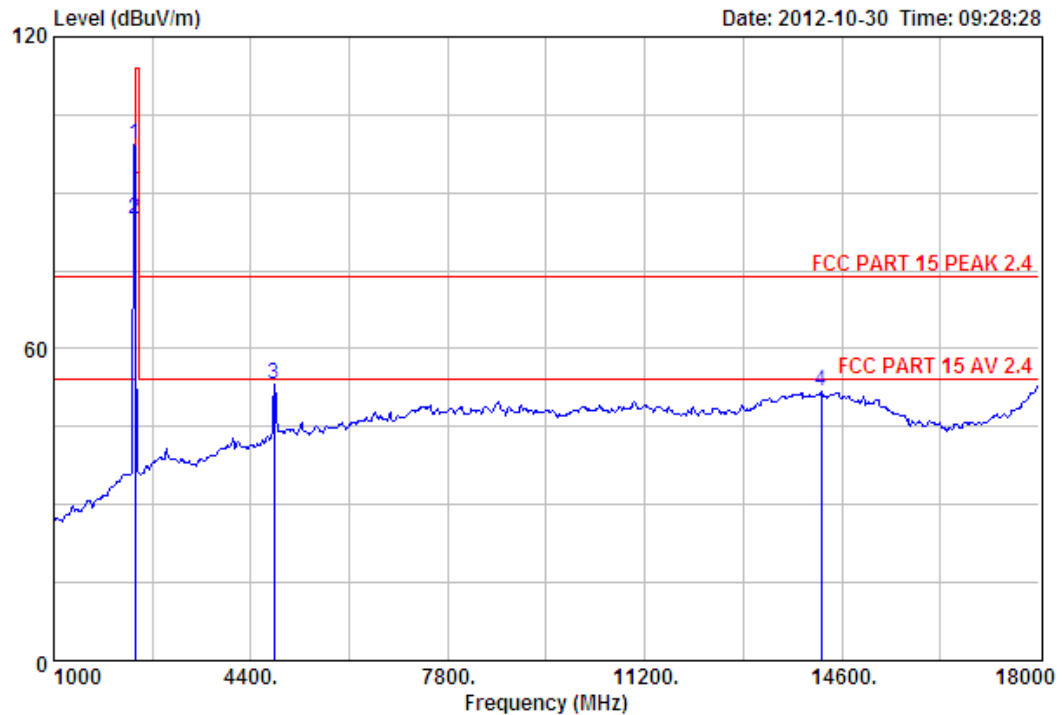
		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2402.00	27.61	6.62	35.18	96.86	95.91	114.00	18.09	Peak
2	2402.00	27.61	6.62	35.18	83.25	82.30	94.00	11.70	Average
3	4804.00	31.25	11.77	34.50	40.16	48.68	74.00	25.32	Peak
4	13988.00	41.45	10.92	35.70	36.25	52.92	74.00	21.08	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Data: 127 File: D:\test data\2012\T\Tiandixing.EMI (205)



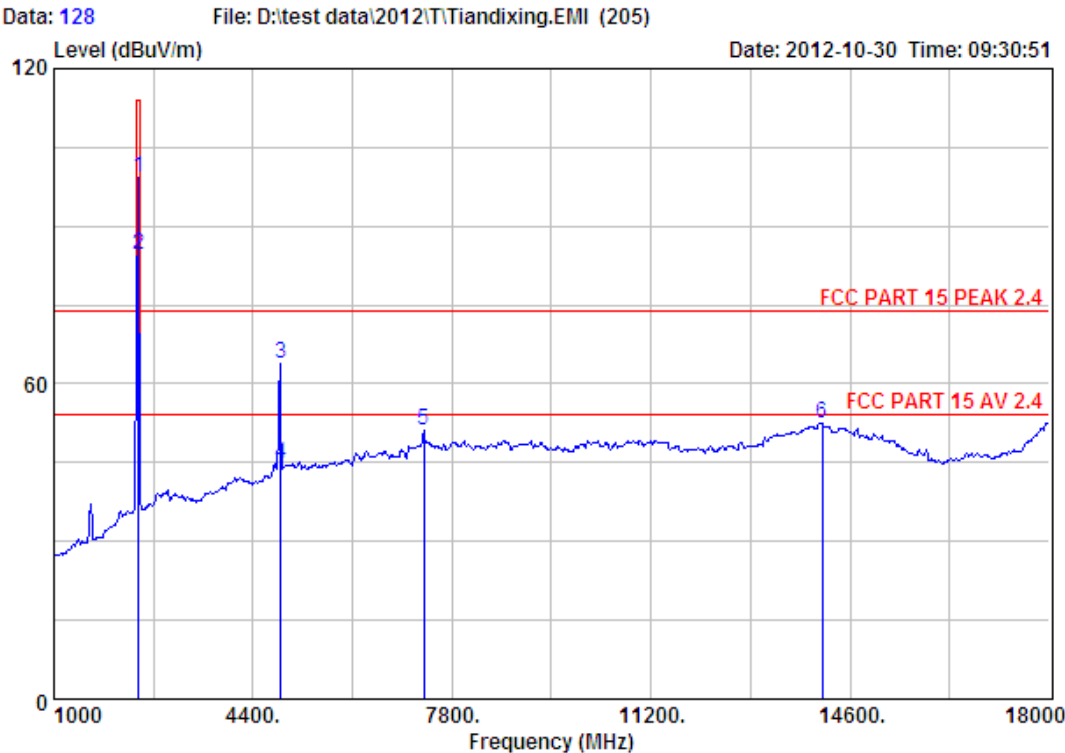
Site no. : 3m Chamber Data no. : 127
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2402MHz

		Ant.	Cable	Amp	Emission				
Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1 2402.00	27.61	6.62	35.18	100.20	99.25	114.00	14.75	Peak	
2 2402.00	27.61	6.62	35.18	85.75	84.80	94.00	9.20	Average	
3 4804.00	31.25	11.77	34.50	44.65	53.17	74.00	20.83	Peak	
4 14243.00	41.67	10.91	35.58	34.67	51.67	74.00	22.33	Peak	

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 128
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2441MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2441.00	27.60	6.67	35.17	100.02	99.12	114.00	14.88	Peak
2	2441.00	27.60	6.67	35.17	85.50	84.60	94.00	9.40	Average
3	4882.00	31.37	12.07	34.48	54.72	63.68	74.00	10.32	Peak
4	4882.00	31.37	12.07	34.48	35.72	44.68	54.00	9.32	Average
5	7323.00	36.55	11.57	34.47	37.53	51.18	74.00	22.82	Peak
6	14124.00	41.57	10.91	35.64	35.54	52.38	74.00	21.62	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

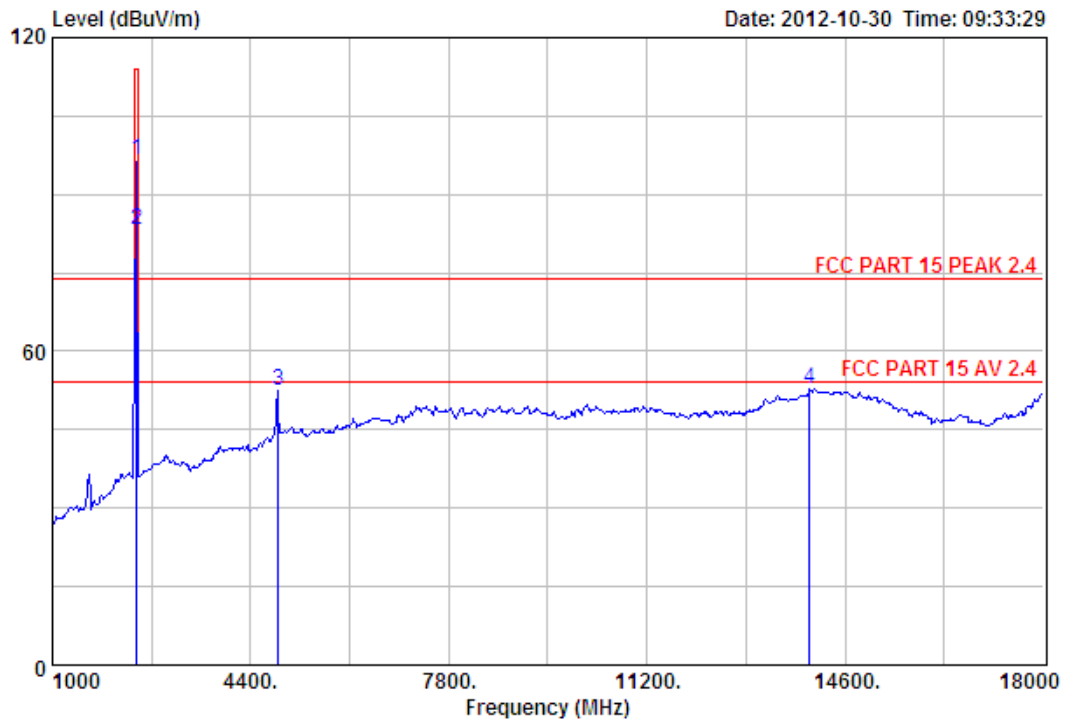
EST Technology

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Data: 129

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:33:29



```

Site no.      : 3m Chamber                               Data no. : 129
Dis. / Ant.   : 3m   ANT 1-18G                          Ant. pol. : VERTICAL
Limit         : FCC PART 15 PEAK 2.4
Env. / Ins.   : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer      : Tony
EUT           : CD Receiver
Power         : AC 120V/60Hz
M/N           : CR-H260i
Test Mode     : GFSK TX 2441MHz

```

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2441.00	27.60	6.67	35.17	97.58	96.68	114.00	17.32	Peak
2	2441.00	27.60	6.67	35.17	84.00	83.10	94.00	10.90	Average
3	4882.00	31.37	12.07	34.48	43.40	52.36	74.00	21.64	Peak
4	13988.00	41.45	10.92	35.70	36.10	52.77	74.00	21.23	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

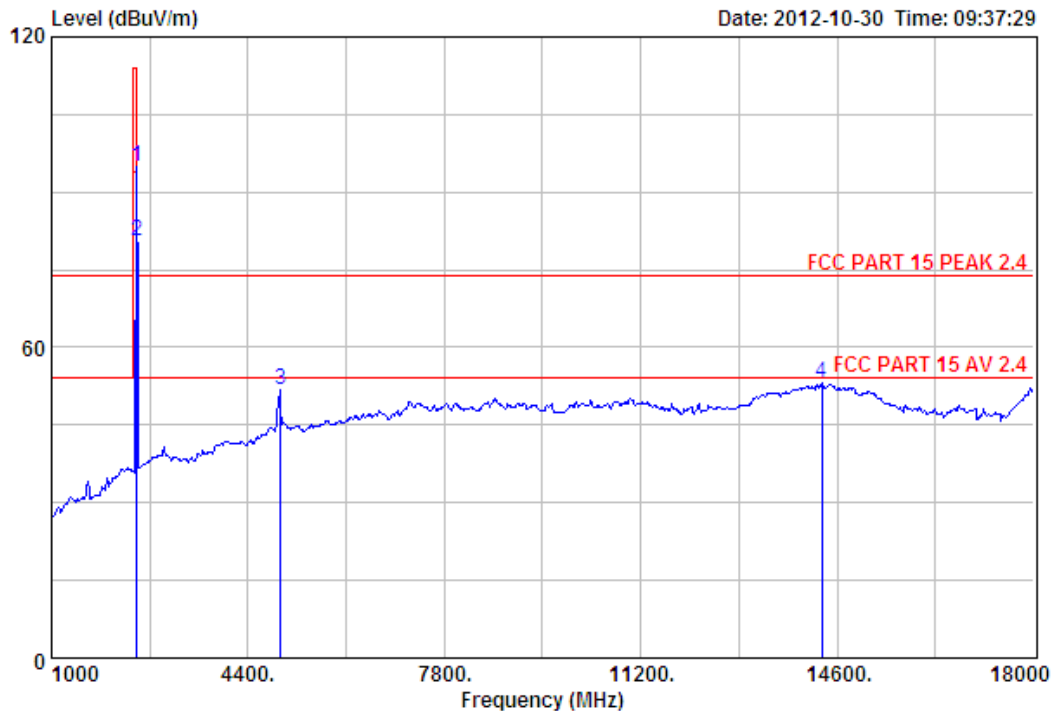
EST Technology

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Data: 130

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:37:29



Site no. : 3m Chamber Data no. : 130
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	35.16	95.80	94.93	114.00	19.07	Peak
2	2480.00	27.58	6.71	35.16	81.57	80.70	94.00	13.30	Average
3	4960.00	31.49	12.44	34.46	42.43	51.90	74.00	22.10	Peak
4	14328.00	41.74	10.92	35.54	35.90	53.02	74.00	20.98	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

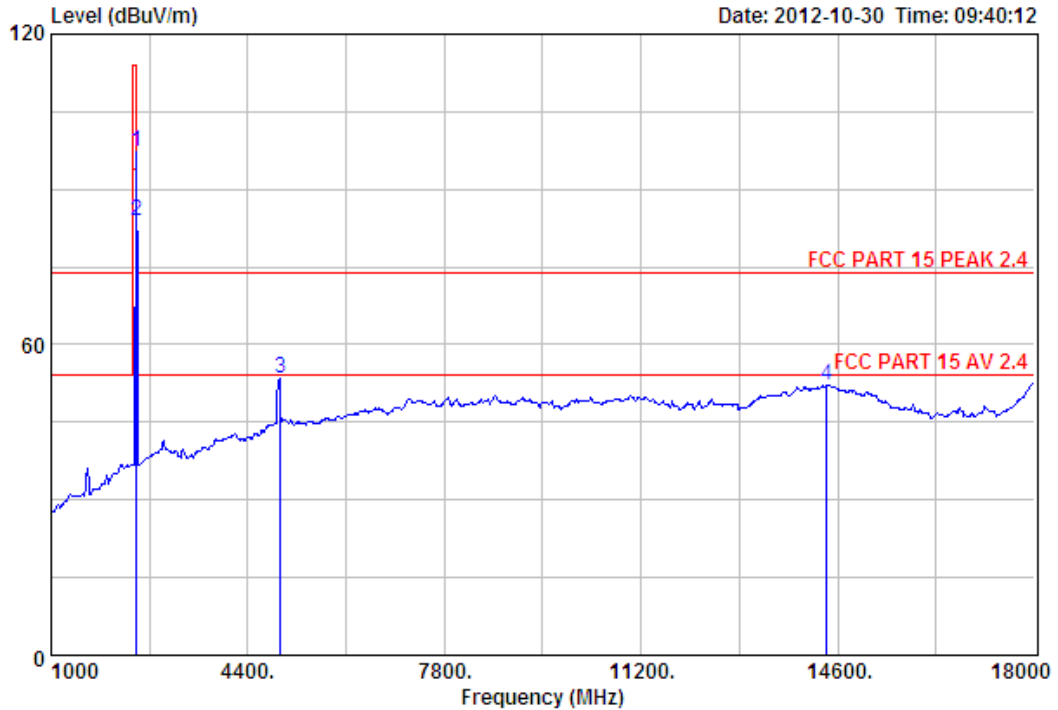
EST Technology

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Data: 131

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:40:12



Site no. : 3m Chamber Data no. : 131
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	35.16	98.29	97.42	114.00	16.58	Peak
2	2480.00	27.58	6.71	35.16	84.77	83.90	94.00	10.10	Average
3	4960.00	31.49	12.44	34.46	44.00	53.47	74.00	20.53	Peak
4	14413.00	41.80	10.92	35.49	34.83	52.06	74.00	21.94	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

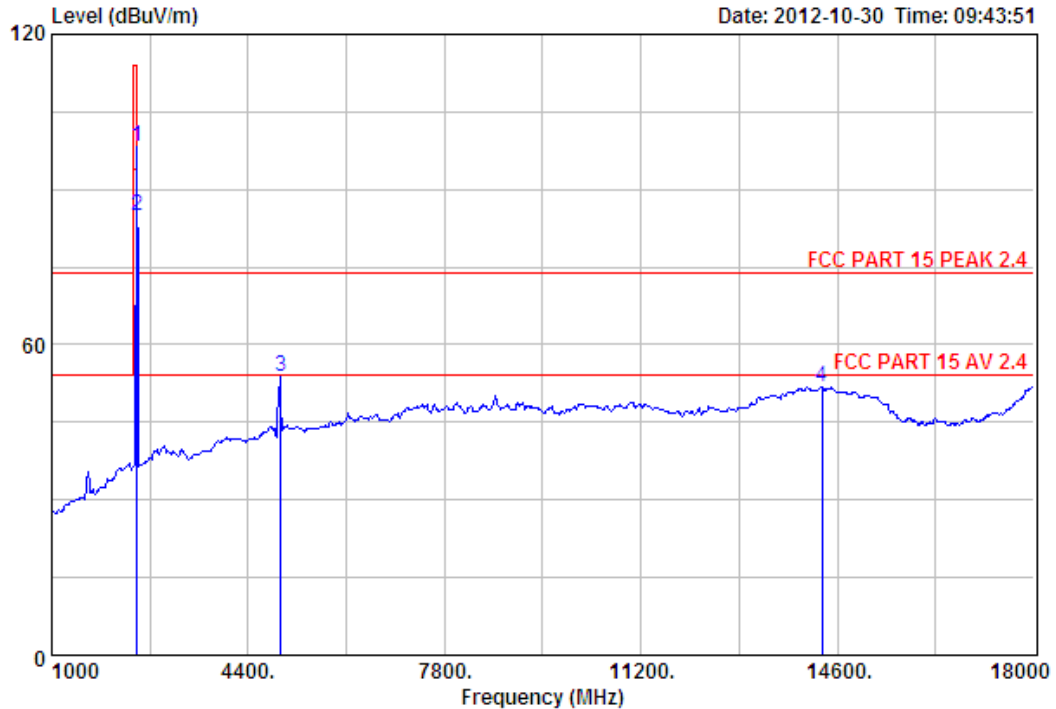
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Data: 132

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:43:51



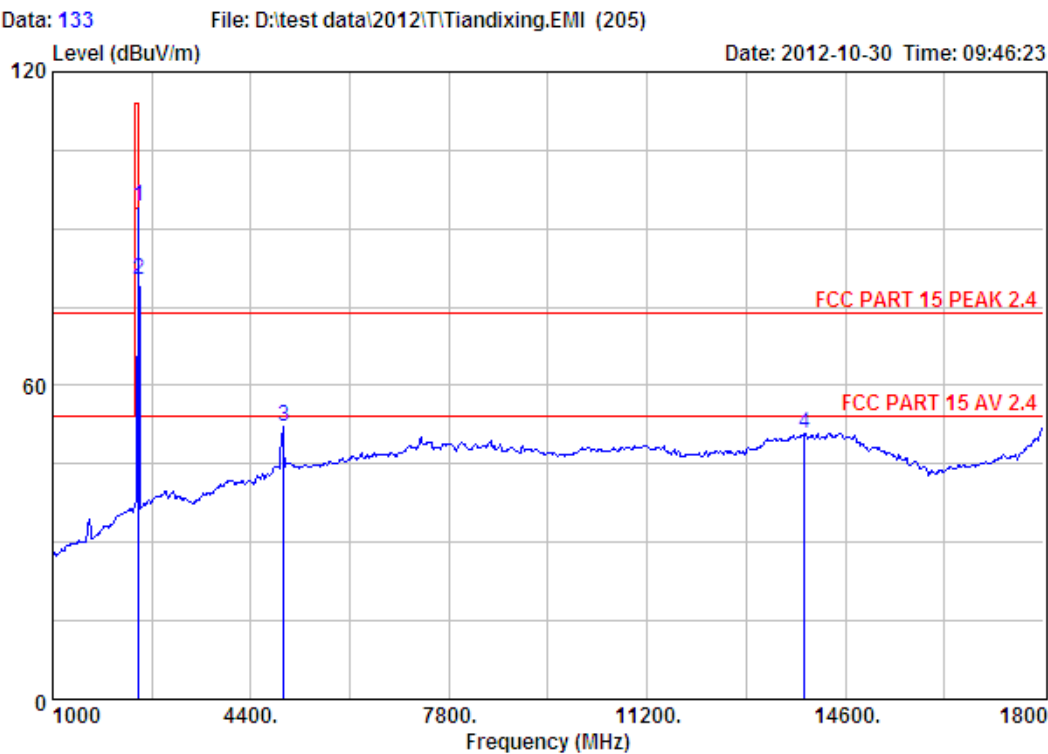
Site no. : 3m Chamber Data no. : 132
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6°;Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2480.00	27.58	6.71	35.16	99.28	98.41	114.00	15.59	Peak
2	2480.00	27.58	6.71	35.16	85.77	84.90	94.00	9.10	Average
3	4960.00	31.49	12.44	34.46	44.26	53.73	74.00	20.27	Peak
4	14328.00	41.74	10.92	35.54	34.82	51.94	74.00	22.06	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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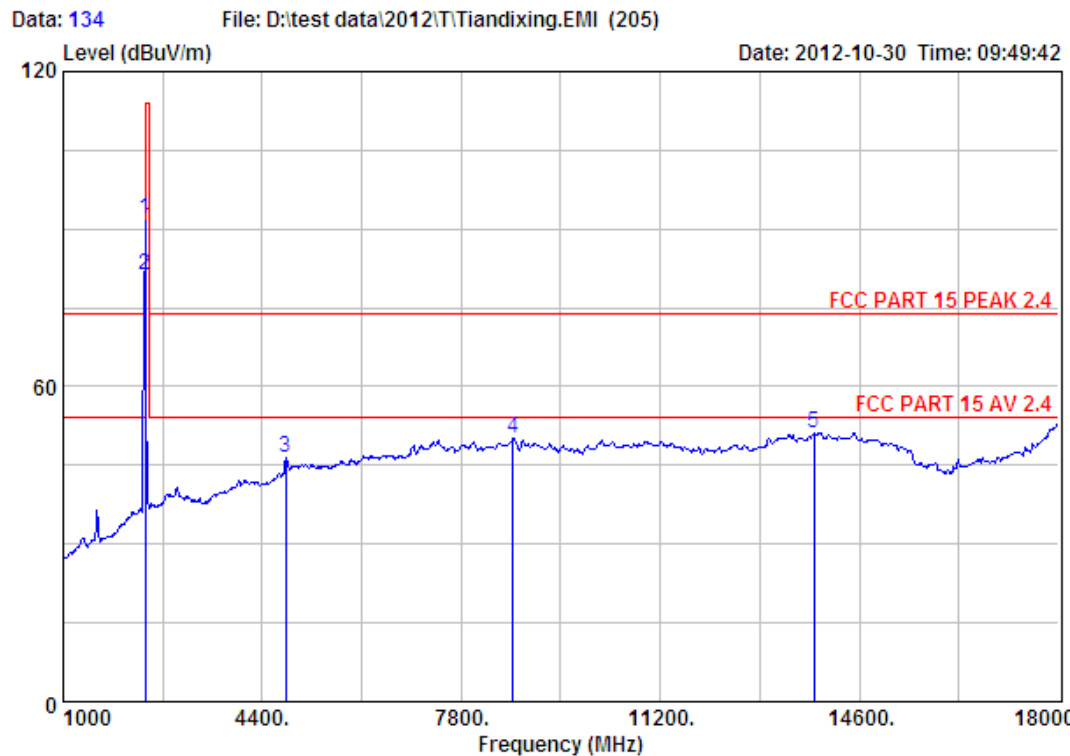
Site no. : 3m Chamber Data no. : 133
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2480MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2480.00	27.58	6.71	35.16	95.07	94.20	114.00	19.80	Peak
2	2480.00	27.58	6.71	35.16	81.17	80.30	94.00	13.70	Average
3	4960.00	31.49	12.44	34.46	42.56	52.03	74.00	21.97	Peak
4	13903.00	41.21	11.02	35.74	34.44	50.93	74.00	23.07	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 134
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Remark
1	2402.00	27.61	6.62	35.18	92.99	92.04	114.00	21.96	Peak
2	2402.00	27.61	6.62	35.18	82.05	81.10	94.00	12.90	Average
3	4804.00	31.25	11.77	34.50	37.92	46.44	74.00	27.56	Peak
4	8684.00	37.32	11.45	35.14	36.48	50.11	74.00	23.89	Peak
5	13818.00	40.97	11.12	35.76	34.97	51.30	74.00	22.70	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

EST Technology

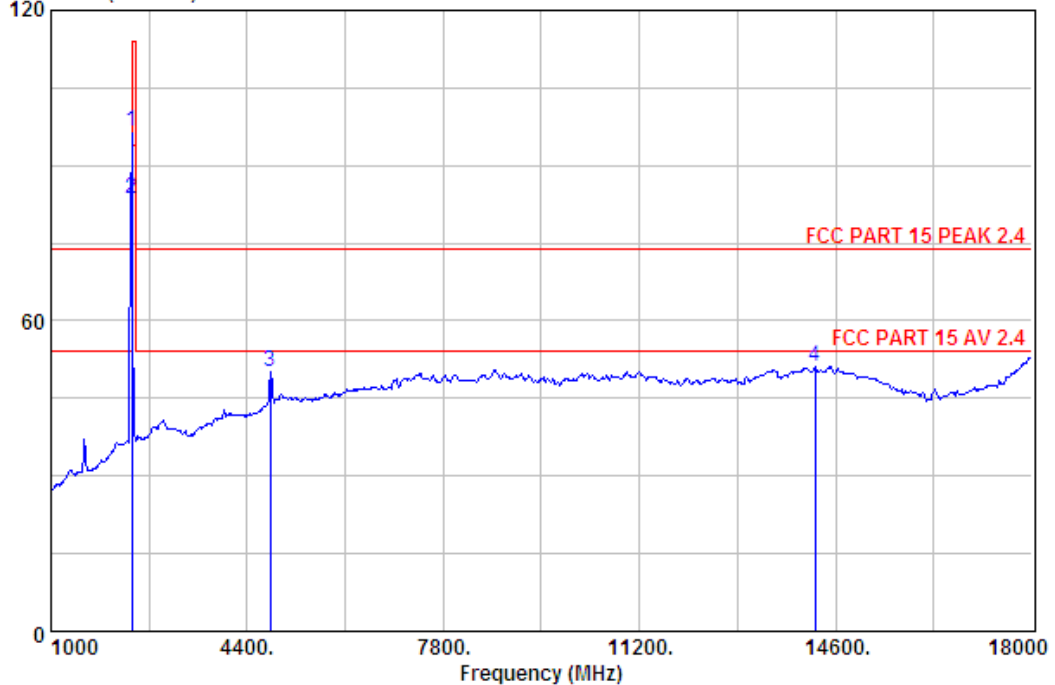
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Data: 135

File: D:\test data\2012\T\Tiandixing.EMI (205)

Level (dBuV/m)

Date: 2012-10-30 Time: 09:51:51



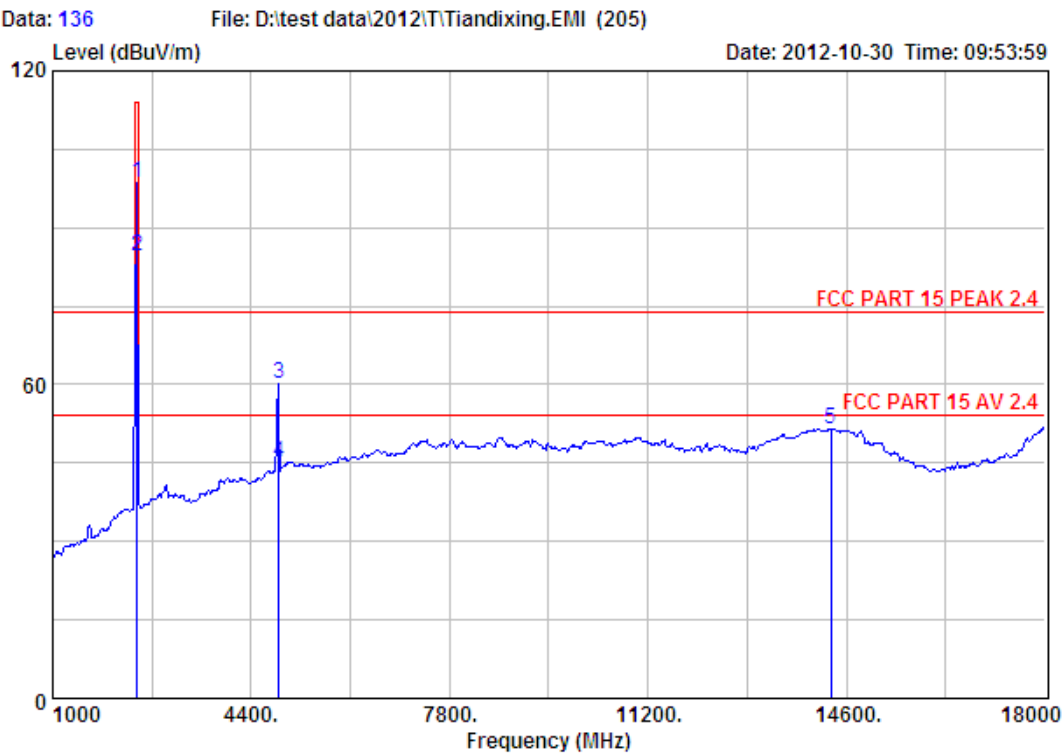
Site no. : 3m Chamber Data no. : 135
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2402MHz

	Freq.	Ant.	Cable	Amp	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2402.00	27.61	6.62	35.18	97.52	96.57	114.00	17.43	Peak
2	2402.00	27.61	6.62	35.18	84.35	83.40	94.00	10.60	Average
3	4804.00	31.25	11.77	34.50	41.49	50.01	74.00	23.99	Peak
4	14243.00	41.67	10.91	35.58	34.13	51.13	74.00	22.87	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 136
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission		Limits (dBuV/m)	Margin (dB)	Remark
					Reading (dBuV)	Level (dBuV/m)			
1	2441.00	27.60	6.67	35.17	99.35	98.45	114.00	15.55	Peak
2	2441.00	27.60	6.67	35.17	85.50	84.60	94.00	9.40	Average
3	4882.00	31.37	12.07	34.48	51.27	60.23	74.00	13.77	Peak
4	4882.00	31.37	12.07	34.48	36.27	45.23	54.00	8.77	Average
5	14328.00	41.74	10.92	35.54	34.49	51.61	74.00	22.39	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

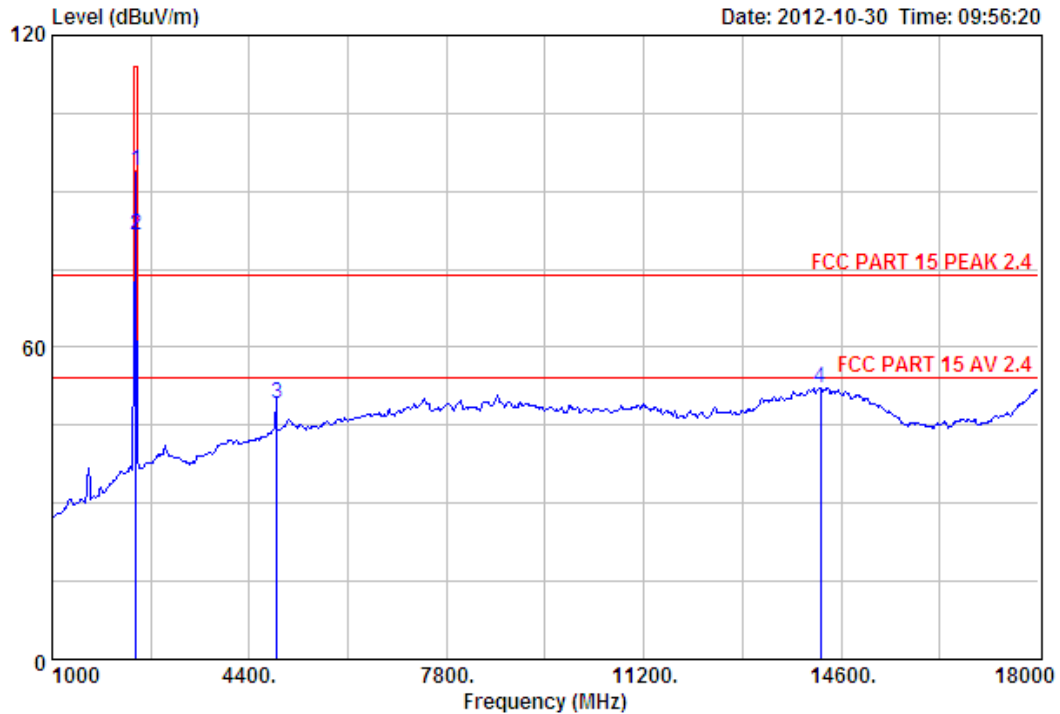
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Data: 137

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:56:20



Site no. : 3m Chamber Data no. : 137
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2441MHz

	Freq.	Ant.	Cable	Amp		Emission			
	(MHz)	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2441.00	27.60	6.67	34.12	93.69	93.84	114.00	20.16	Peak
2	2441.00	27.60	6.67	34.12	81.55	81.70	94.00	12.30	Average
3	4882.00	31.37	12.07	34.48	40.24	49.20	74.00	24.80	Peak
4	14243.00	41.67	10.91	35.58	35.19	52.19	74.00	21.81	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

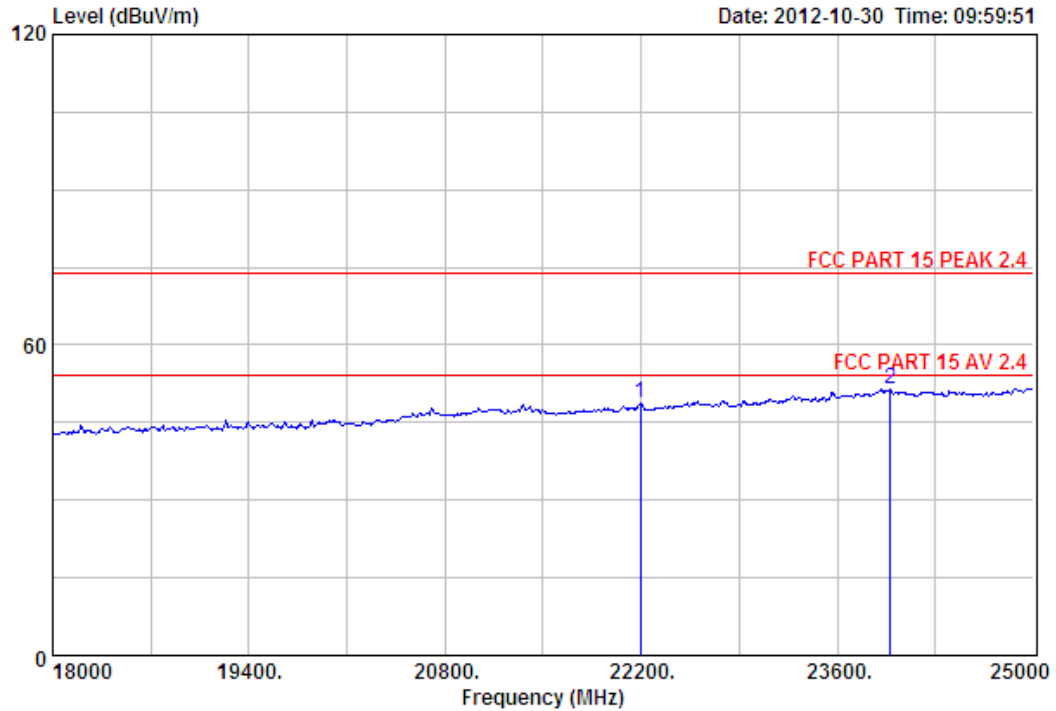
18000 MHz – 25000MHz

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Data: 138 File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 09:59:51



Site no. : 3m Chamber Data no. : 138
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2402MHz

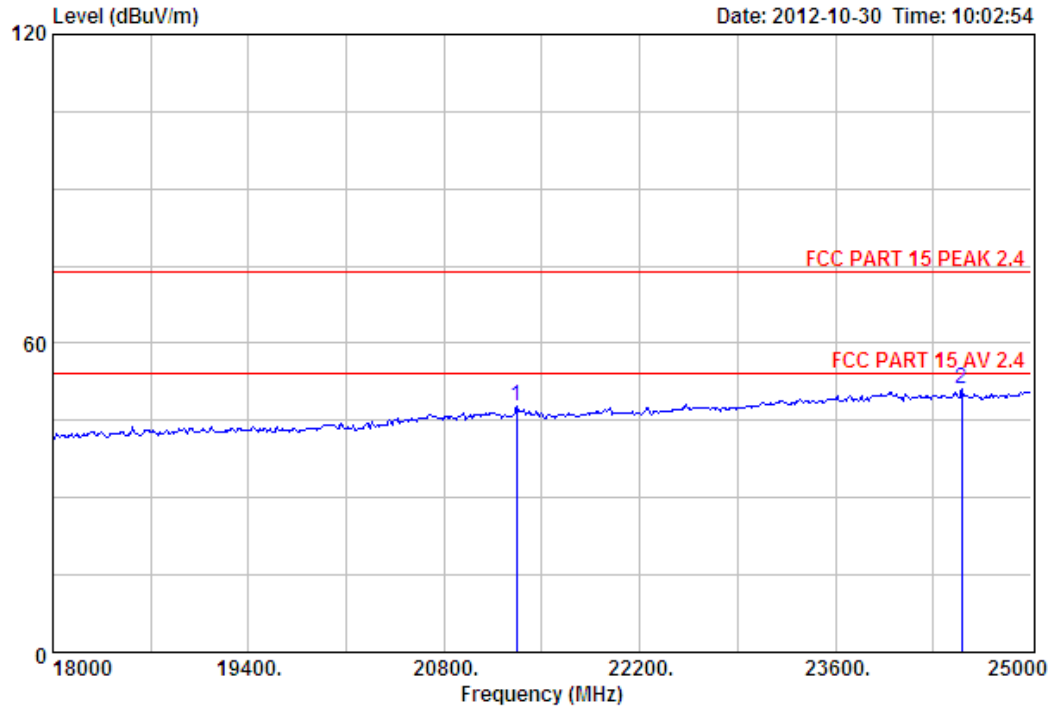
		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	22193.00	45.74	20.68	34.69	17.06	48.79	74.00	25.21	Peak
2	23978.00	45.60	22.03	32.83	16.76	51.56	74.00	22.44	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Data: 139 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:02:54



Site no. : 3m Chamber Data no. : 139
Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	21318.00	46.10	20.27	35.51	16.86	47.72	74.00	26.28	Peak
2	24503.00	45.72	22.32	33.58	16.82	51.28	74.00	22.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

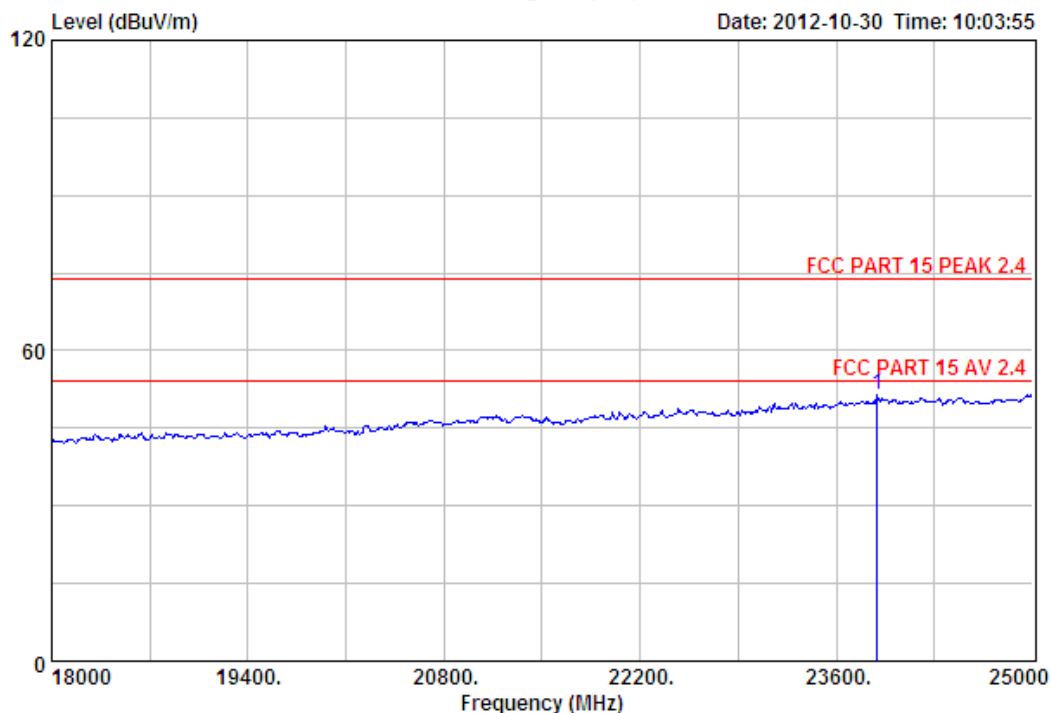
EST Technology

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Data: 140

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:03:55



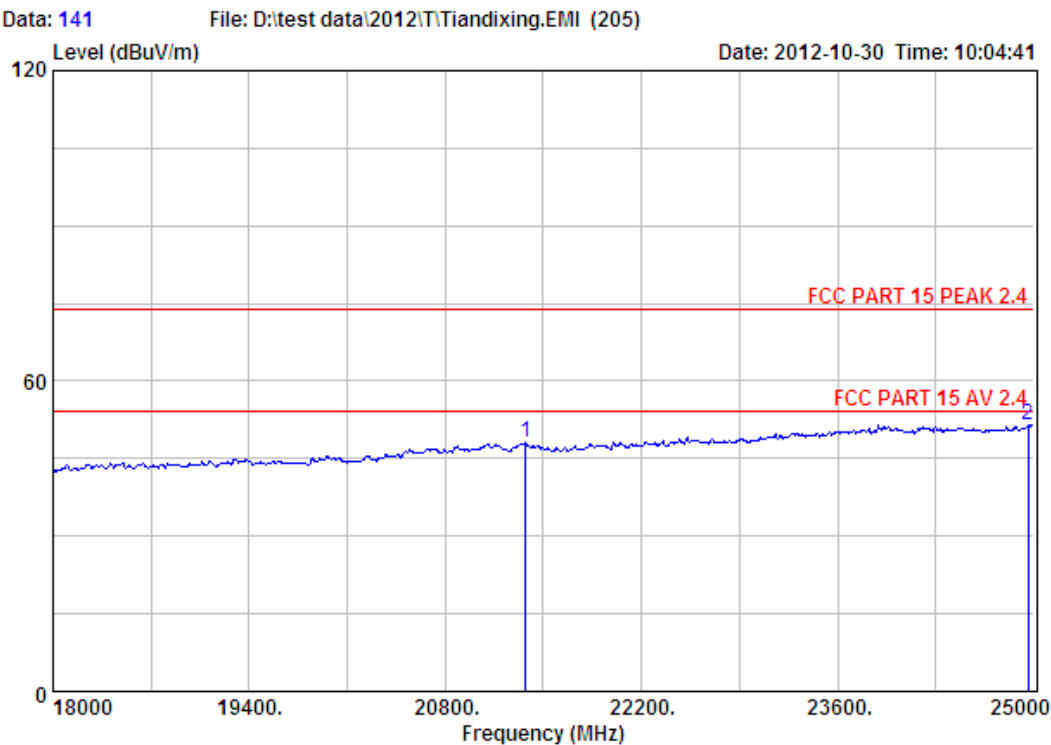
Site no. : 3m Chamber Data no. : 140
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2441MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission				Remark
					Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)		
1 23894.00	45.62	21.95	32.90	16.64	51.31	74.00	22.69		Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 141
Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2441MHz

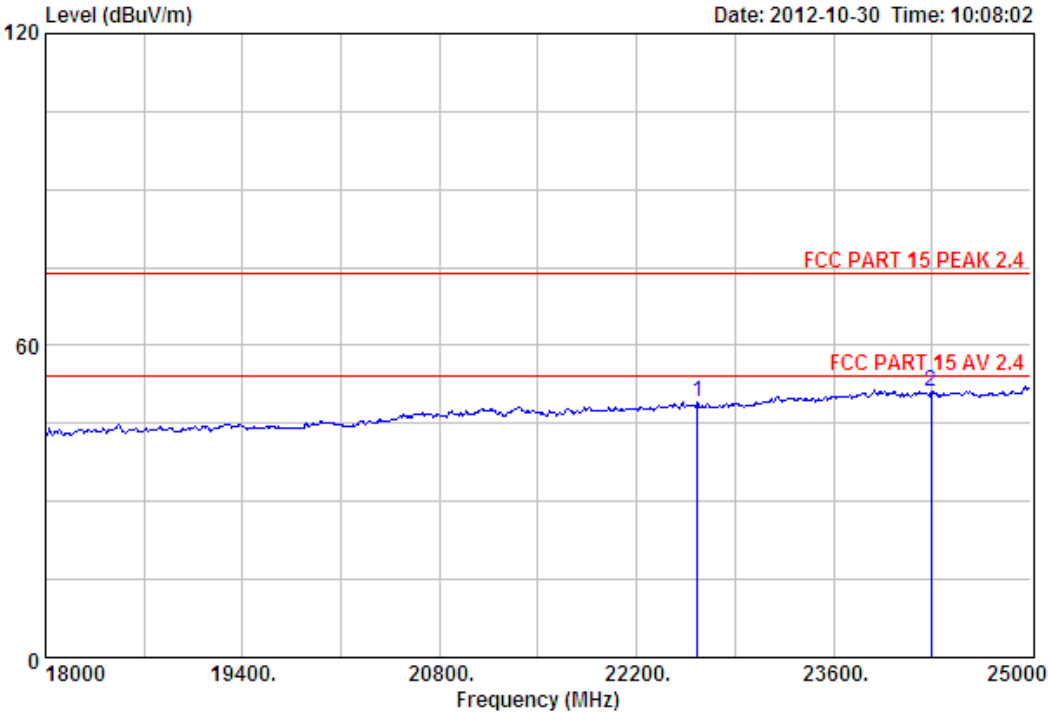
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	21374.00	46.08	20.29	35.46	17.25	48.16	74.00	25.84	Peak
2	24958.00	46.07	22.57	34.27	17.22	51.59	74.00	22.41	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 142 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:08:02



Site no. : 3m Chamber Data no. : 142
Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2480MHz

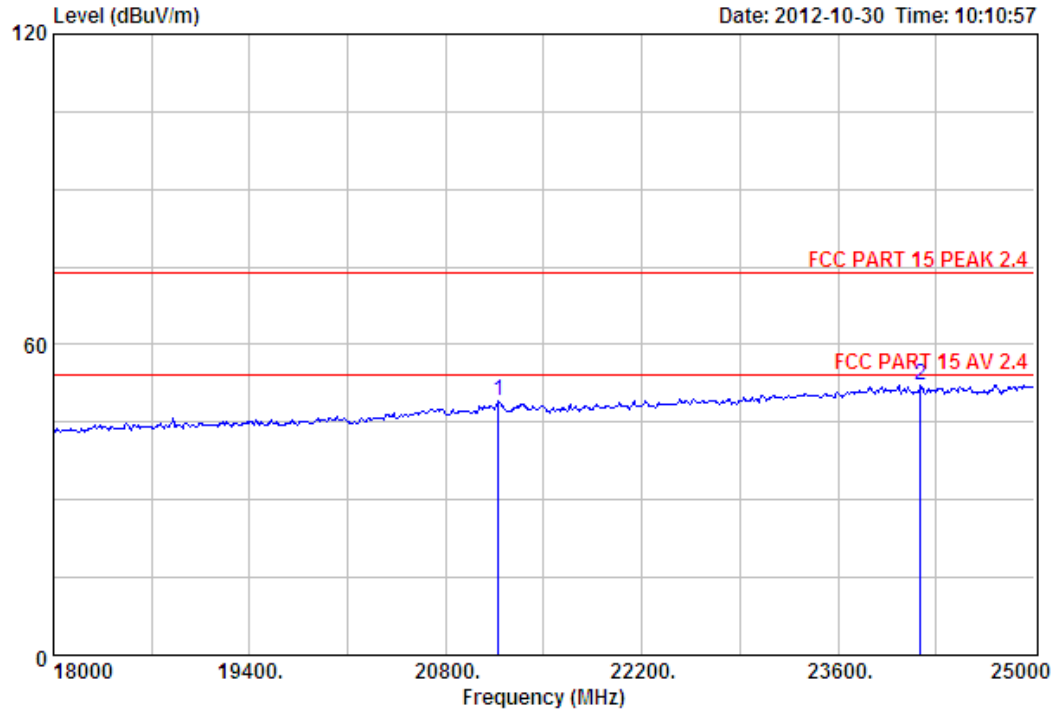
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Remark
					Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	22634.00	45.75	20.93	34.24	16.74	49.18	74.00	24.82	Peak
2	24293.00	45.66	22.21	33.26	16.59	51.20	74.00	22.80	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 143 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:10:57



Site no. : 3m Chamber Data no. : 143
Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2480MHz

	Freq. (MHz)	Ant.	Cable	Amp	Emission				Remark
		Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	21178.00	46.20	20.21	35.64	18.28	49.05	74.00	24.95	Peak
2	24188.00	45.64	22.15	33.11	17.56	52.24	74.00	21.76	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

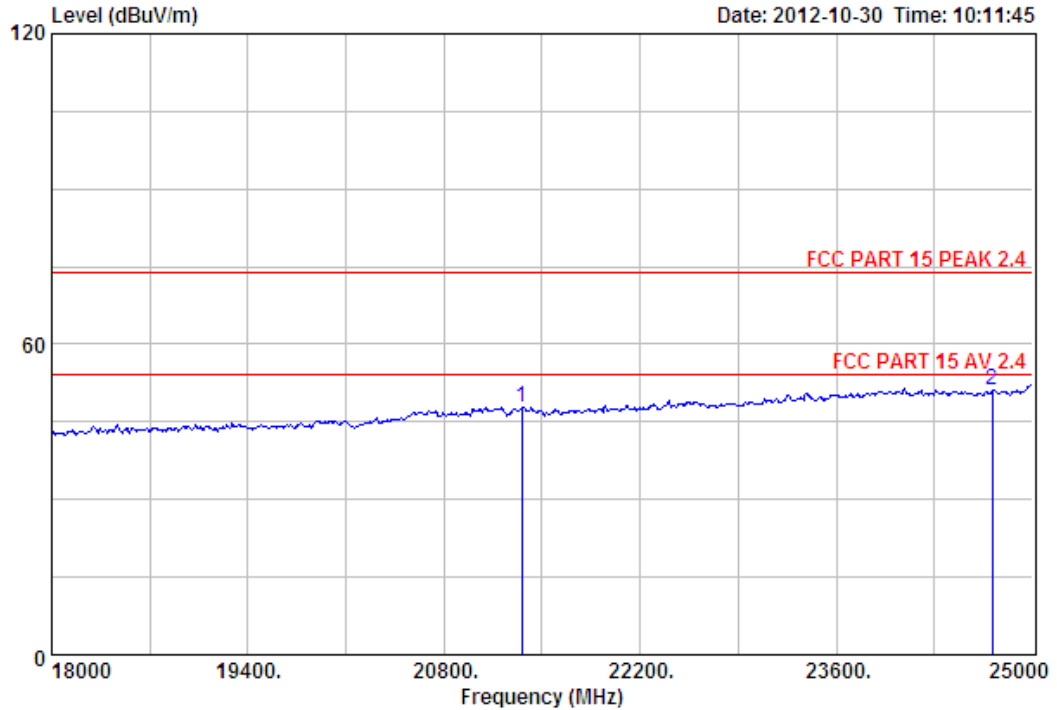
EST Technology

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Data: 144

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:11:45



Site no. : 3m Chamber Data no. : 144
 Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2402MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	21353.00	46.09	20.28	35.49	17.08	47.96	74.00	26.04	Peak
2	24713.00	45.87	22.43	33.92	16.76	51.14	74.00	22.86	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

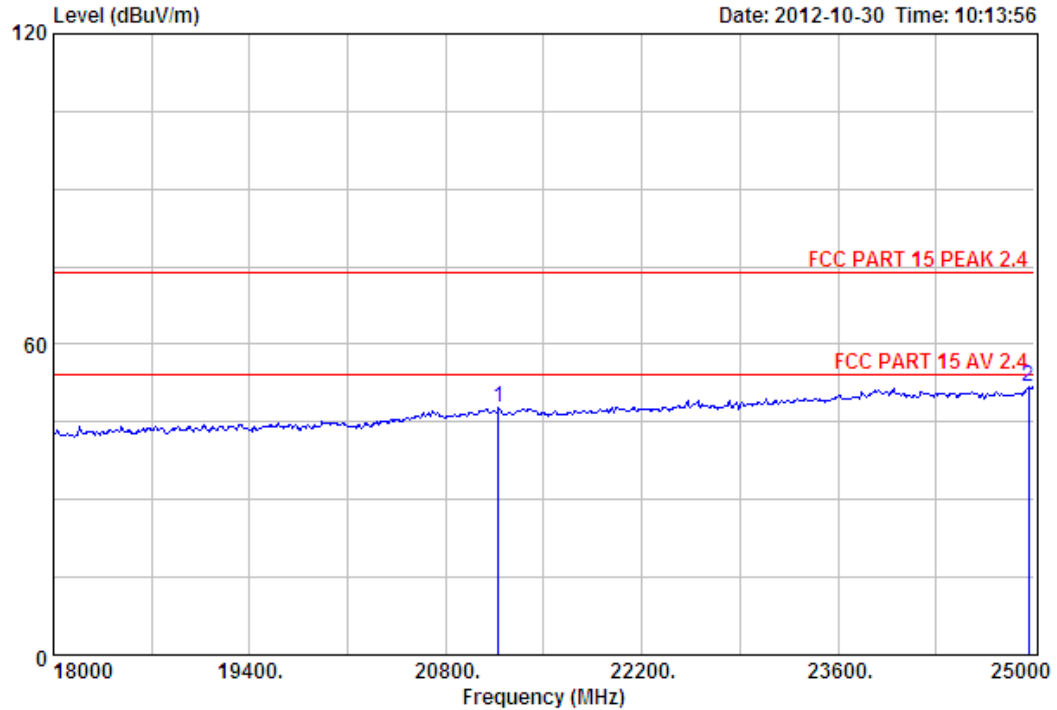
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Data: 145

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:13:56



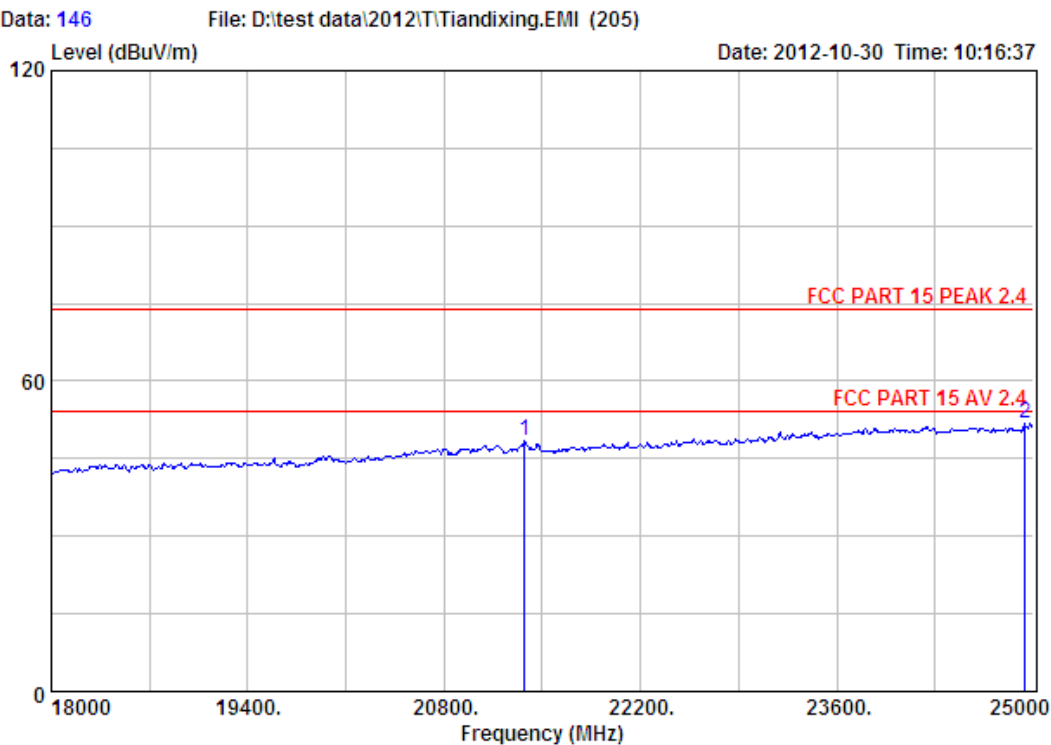
Site no. : 3m Chamber Data no. : 145
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2402MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Remark
					Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	21178.00	46.20	20.21	35.64	16.92	47.69	74.00	26.31	Peak
2	24958.00	46.07	22.57	34.27	17.36	51.73	74.00	22.27	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 146
Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2441MHz

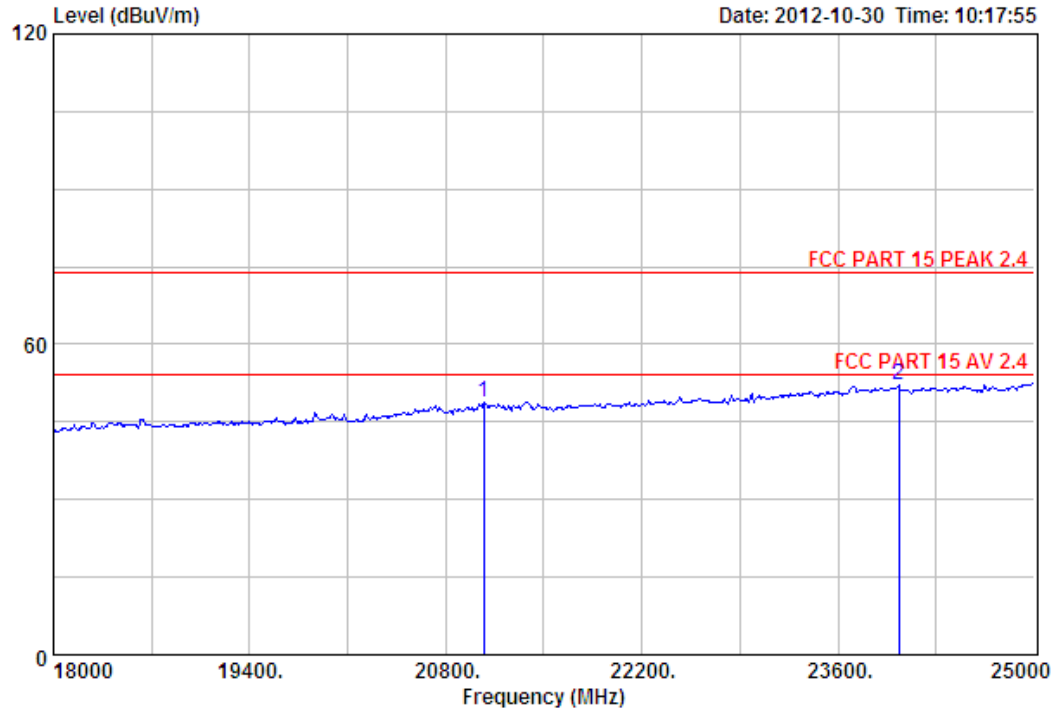
		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	21374.00	46.08	20.29	35.46	17.58	48.49	74.00	25.51	Peak
2	24944.00	46.07	22.56	34.27	17.35	51.71	74.00	22.29	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 147 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:17:55



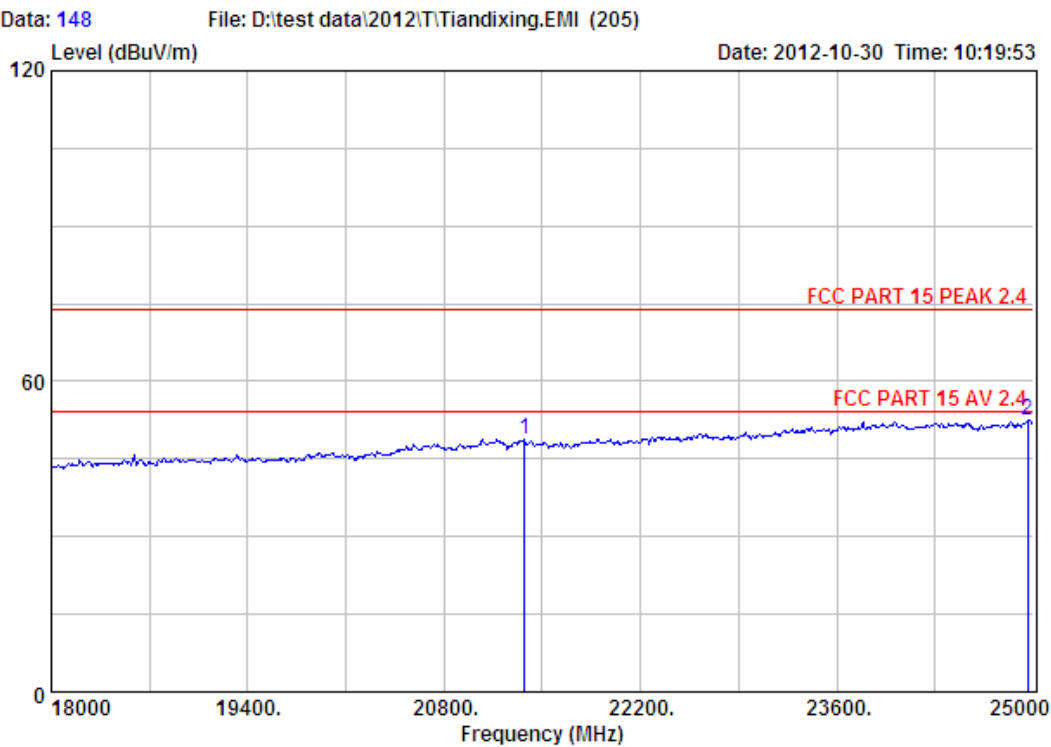
Site no. : 3m Chamber Data no. : 147
Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2441MHz

	Freq. (MHz)	Ant.	Cable	Amp	Emission				Remark
		Factor (dB/m)	Loss (dB)	Factor (dB)	Reading (dBuV)	Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	
1	21073.00	46.25	20.16	35.73	18.14	48.82	74.00	25.18	Peak
2	24034.00	45.60	22.06	32.84	17.33	52.15	74.00	21.85	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 148
Dis. / Ant. : 3m ANT ABOVE 18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2480MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	21374.00	46.08	20.29	35.46	17.87	48.78	74.00	25.22	Peak
2	24958.00	46.07	22.57	34.27	18.17	52.54	74.00	21.46	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

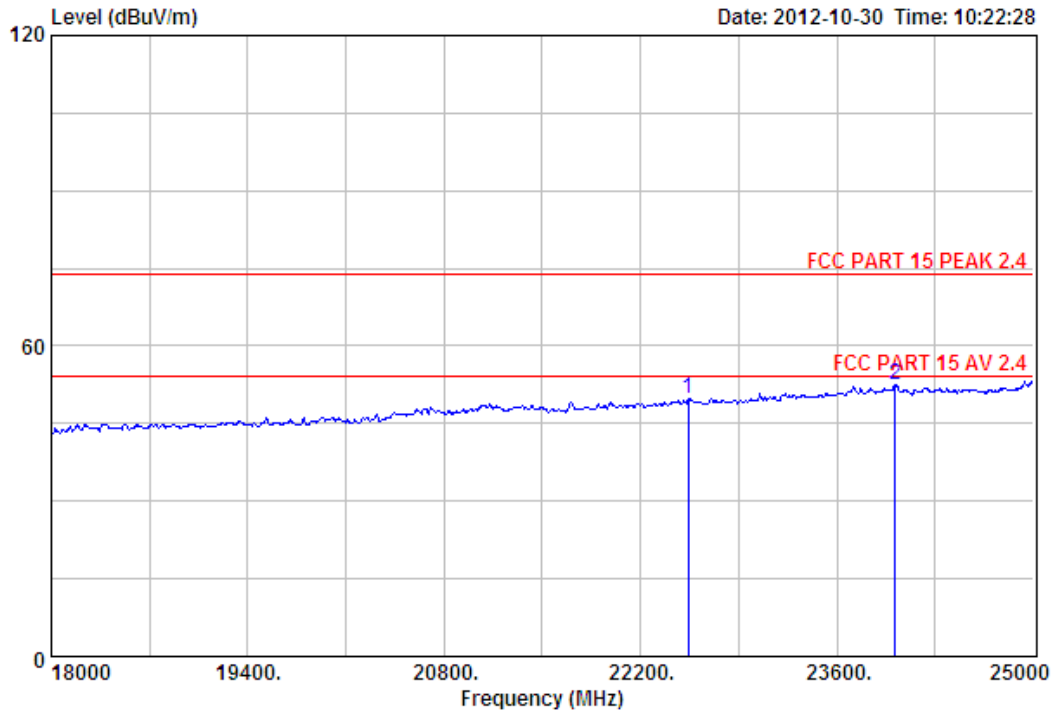
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Data: 149

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:22:28



Site no. : 3m Chamber Data no. : 149
 Dis. / Ant. : 3m ANT ABVOE 18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2480MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	22543.00	45.79	20.88	34.32	17.37	49.72	74.00	24.28	Peak
2	24013.00	45.60	22.05	32.84	17.80	52.61	74.00	21.39	Peak

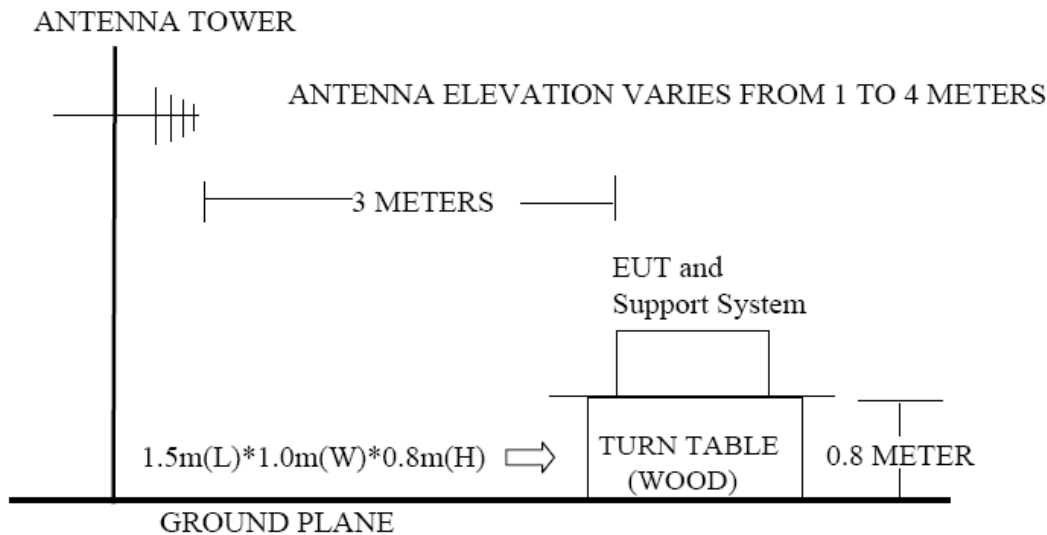
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

9. BAND EDGE COMPLIANCE

9.1. Limit

All the lower and upper band-edges emissions appearing within 2310MHz to 2390MHz and 2483.5MHz to 2500MHz restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions outside operation frequency band 2400MHz to 2483.5MHz shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

9.2. Block Diagram of Test setup



9.3. Test Procedure

EUT was placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. Power on the EUT and let it working in test mode, then test it. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.

Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of emissions

(a) PEAK: RBW=VBW=1MHz / Sweep=AUTO

(b) AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

9.4. Test Result

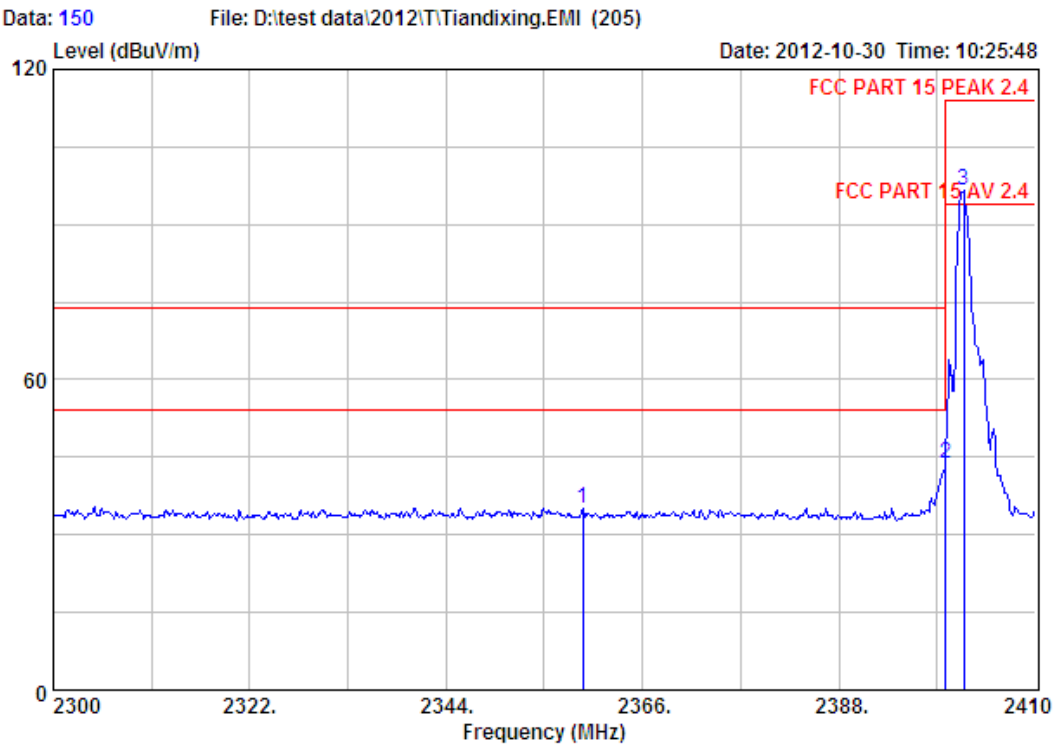
EUT: CD Receiver	M/N: CR-H260i
Power: AC 120V/60Hz	
Test date: 2012-10-30	Test site: 3m Chamber Tested by: Tony Tang
Test mode: Tx Mode	
Pass	

Note: If the PK measured levels comply with average limit, then the average level were deemed to comply with average limit.

9.5. Test Data

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Site no. : 3m Chamber Data no. : 150
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	2359.29	27.67	6.58	35.19	36.17	35.23	74.00	38.77	Peak
2	2400.00	27.61	6.62	35.18	44.81	43.86	74.00	30.14	Peak
3	2401.97	27.61	6.62	35.18	97.61	96.66	114.00	17.34	Peak

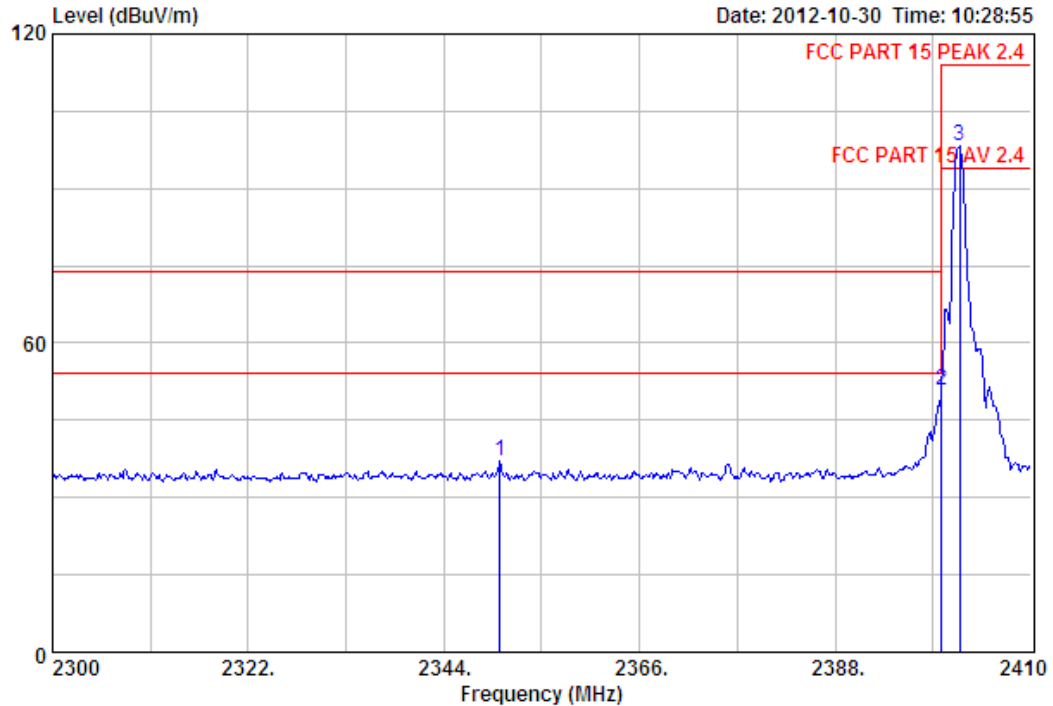
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 151 File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:28:55



Site no. : 3m Chamber Data no. : 151
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2402MHz

		Ant.	Cable	Amp	Emission				
	Freq.	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2350.27	27.70	6.56	35.19	37.87	36.94	74.00	37.06	Peak
2	2400.00	27.61	6.62	35.18	51.74	50.79	74.00	23.21	Peak
3	2401.97	27.61	6.62	35.18	99.23	98.28	114.00	15.72	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

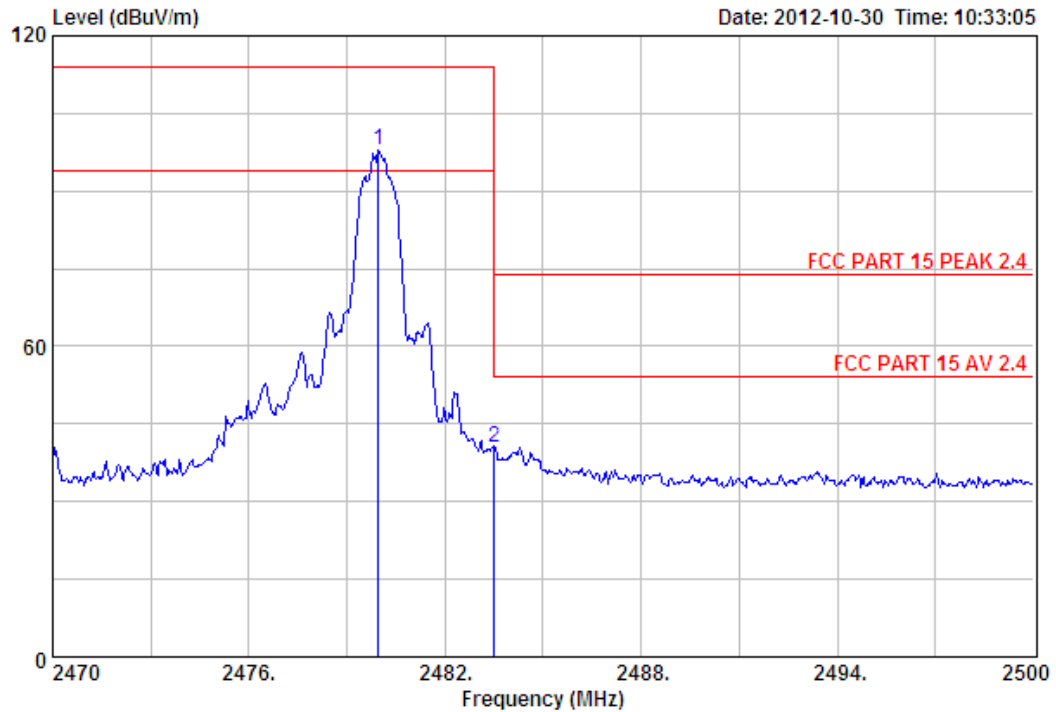
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Data: 152

File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:33:05



Site no. : 3m Chamber Data no. : 152
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6'; Humi:56%; Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : GFSK TX 2480MHz

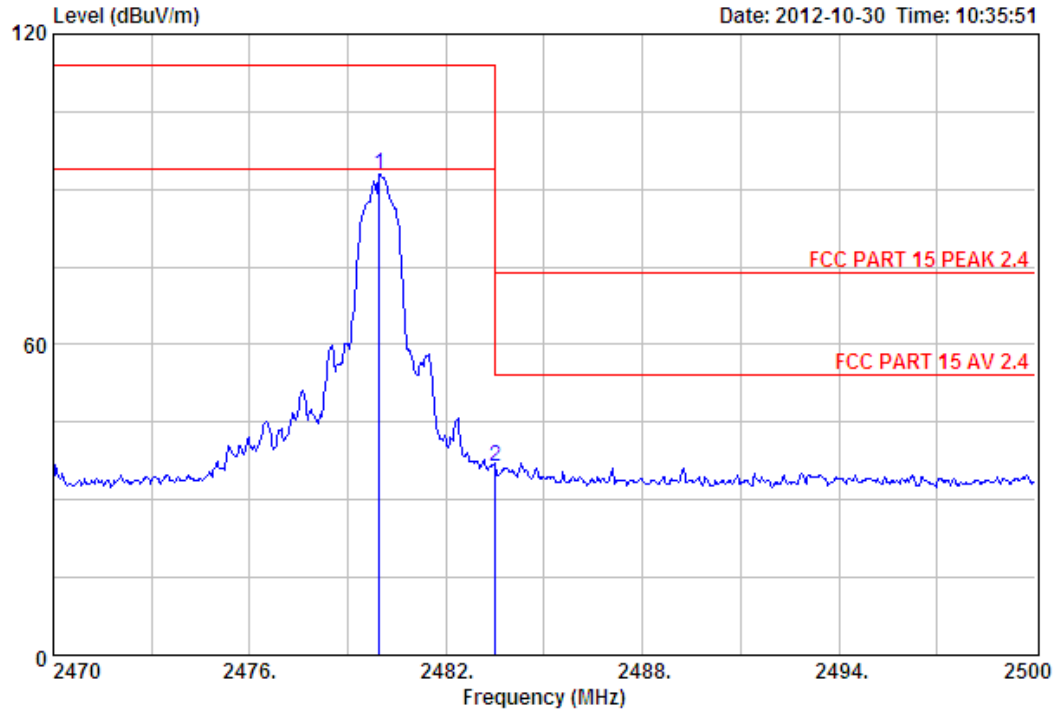
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2479.96	27.58	6.71	35.16	98.81	97.94	114.00	16.06	Peak
2	2483.50	27.58	6.71	35.16	41.41	40.54	74.00	33.46	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Data: 153 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:35:51



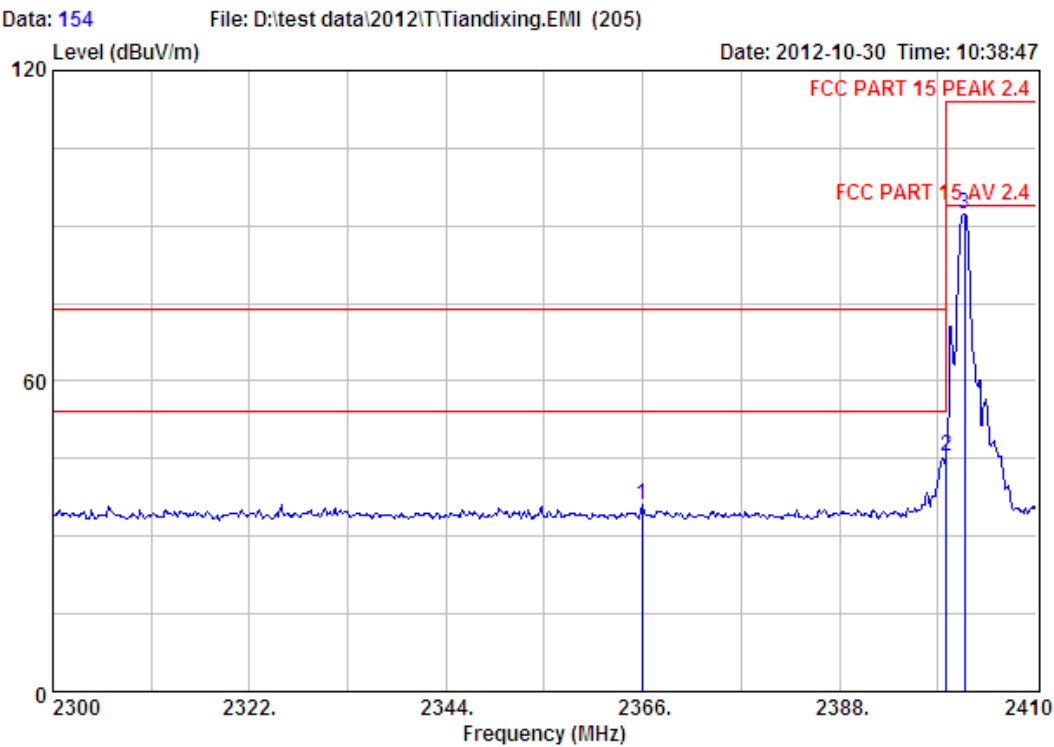
Site no. : 3m Chamber Data no. : 153
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : GFSK TX 2480MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	2479.96	27.58	6.71	35.16	93.92	93.05	114.00	20.95	Peak
2	2483.50	27.58	6.71	35.16	37.22	36.35	74.00	37.65	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 154
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2402MHz

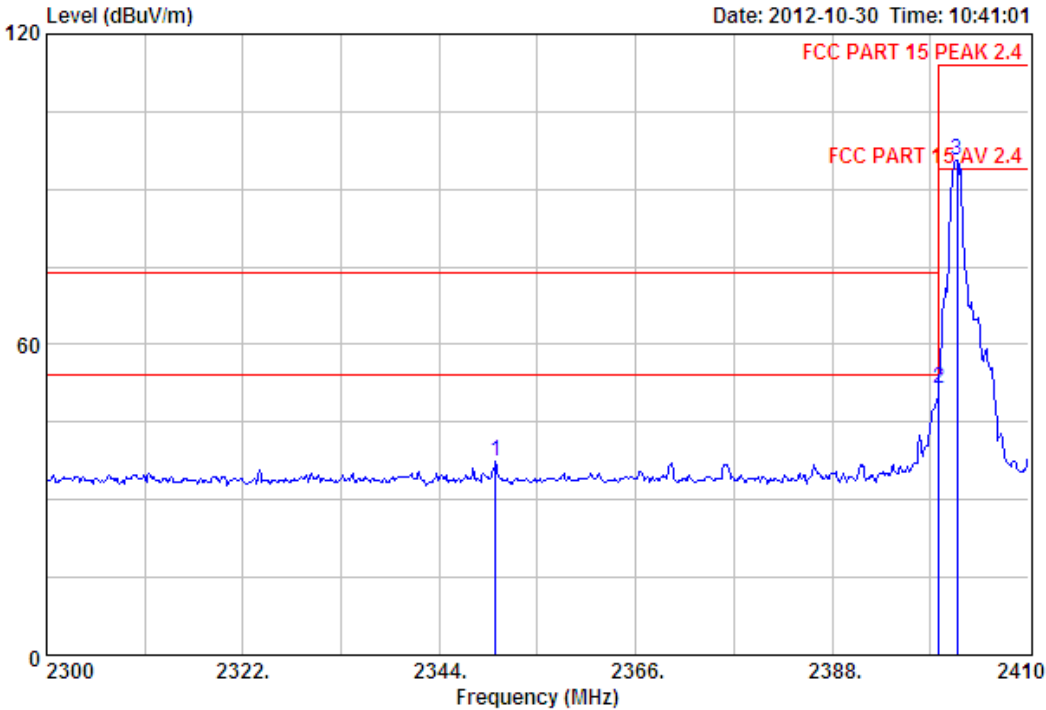
	Freq.	Ant.	Cable	Amp	Emission				
	(MHz)	Factor	Loss	Factor	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	2365.89	27.67	6.58	35.19	36.91	35.97	74.00	38.03	Peak
2	2400.00	27.61	6.62	35.18	46.53	45.58	74.00	28.42	Peak
3	2401.97	27.61	6.62	35.18	93.37	92.42	114.00	21.58	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 155 File: D:\test data\2012\T\Tiandixing.EMI (205) Date: 2012-10-30 Time: 10:41:01



Site no. : 3m Chamber Data no. : 155
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2402MHz

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission					Remark
				Reading	Level	Limits	Margin		
1	2350.27	27.70	6.56	35.19	38.31	37.38	74.00	36.62	Peak
2	2400.00	27.61	6.62	35.18	52.45	51.50	74.00	22.50	Peak
3	2401.97	27.61	6.62	35.18	96.45	95.50	114.00	18.50	Peak

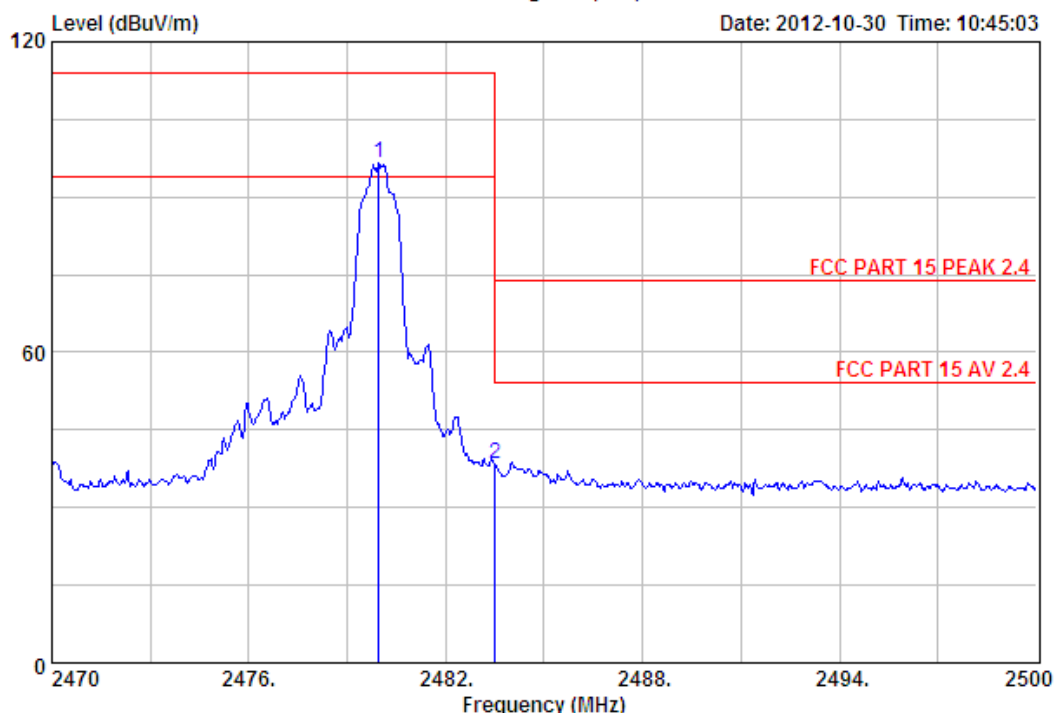
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

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Data: 156 File: D:\test data\2012\T\Tiandixing.EMI (205)

Date: 2012-10-30 Time: 10:45:03



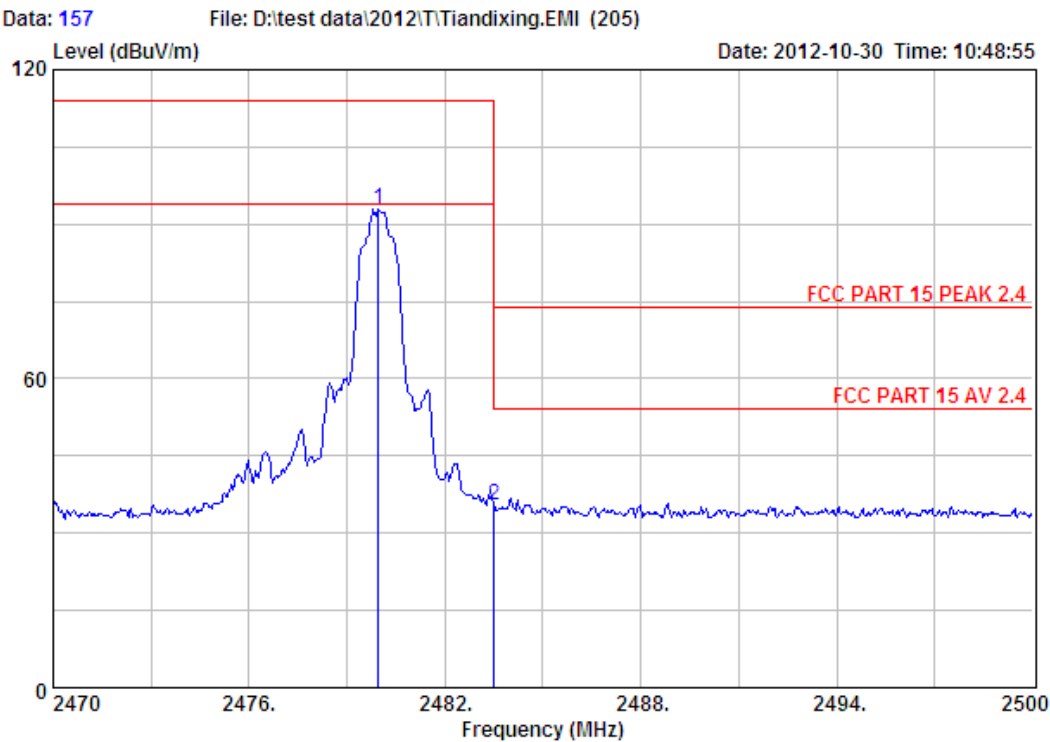
Site no. : 3m Chamber Data no. : 156
 Dis. / Ant. : 3m ANT 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 PEAK 2.4
 Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
 Engineer : Tony
 EUT : CD Receiver
 Power : AC 120V/60Hz
 M/N : CR-H260i
 Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	2479.96	27.58	6.71	35.16	97.37	96.50	114.00	17.50	Peak
2	2483.50	27.58	6.71	35.16	39.19	38.32	74.00	35.68	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 3m Chamber Data no. : 157
Dis. / Ant. : 3m ANT 1-18G Ant. pol. : VERTICAL
Limit : FCC PART 15 PEAK 2.4
Env. / Ins. : Temp:25.6';Humi:56%;Press:101.52kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-H260i
Test Mode : 8-DPSK TX 2480MHz

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Amp Factor (dB)	Emission				Remark
					Reading	Level	Limits	Margin	
					(dBUV)	(dBUV/m)	(dBUV/m)	(dB)	
1	2479.96	27.58	6.71	35.16	93.81	92.94	114.00	21.06	Peak
2	2483.50	27.58	6.71	35.16	36.30	35.43	74.00	38.57	Peak

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
2. The emission levels that are 20dB below the official limit are not reported.

10. POWER LINE CONDUCTED EMISSIONS

10.1. Limit

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level dB(μ V)	Average Level dB(μ V)
150kHz ~ 500kHz	66 ~ 56*	56 ~ 46*
500kHz ~ 5MHz	56	46
5MHz ~ 30MHz	60	50

Notes: 1. * Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

10.2. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT was charged from PC's USB port which connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#).. Both sides of AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Test.

The bandwidth of test receiver (R & S ESHS30) is set at 10kHz.

The frequency range from 150kHz to 30MHz is checked.

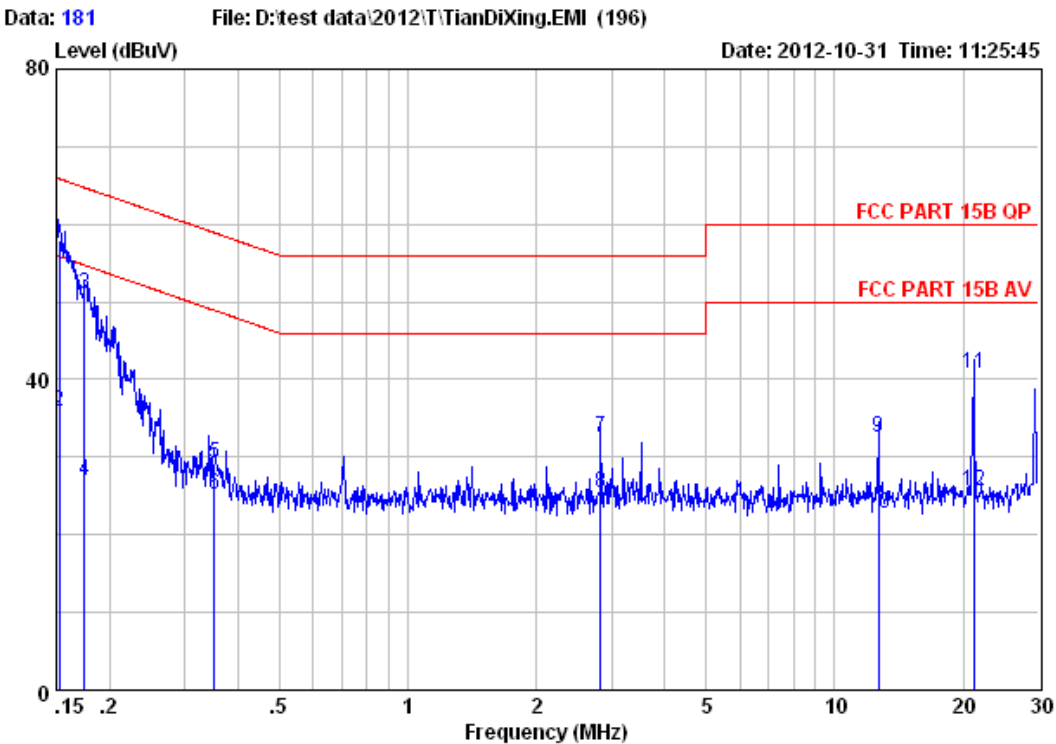
10.3. Test Result

0.15MHz—30MHz Conducted emissison Test result		
EUT: CD Receiver	M/N:CR-H260i	
Power: AC 120V/60Hz		
Test date: 2012-10-31	Test site: 3m Chamber	Tested by: Tony.Tang
Test mode: Tx Mode		
Pass		

10.4.Test data

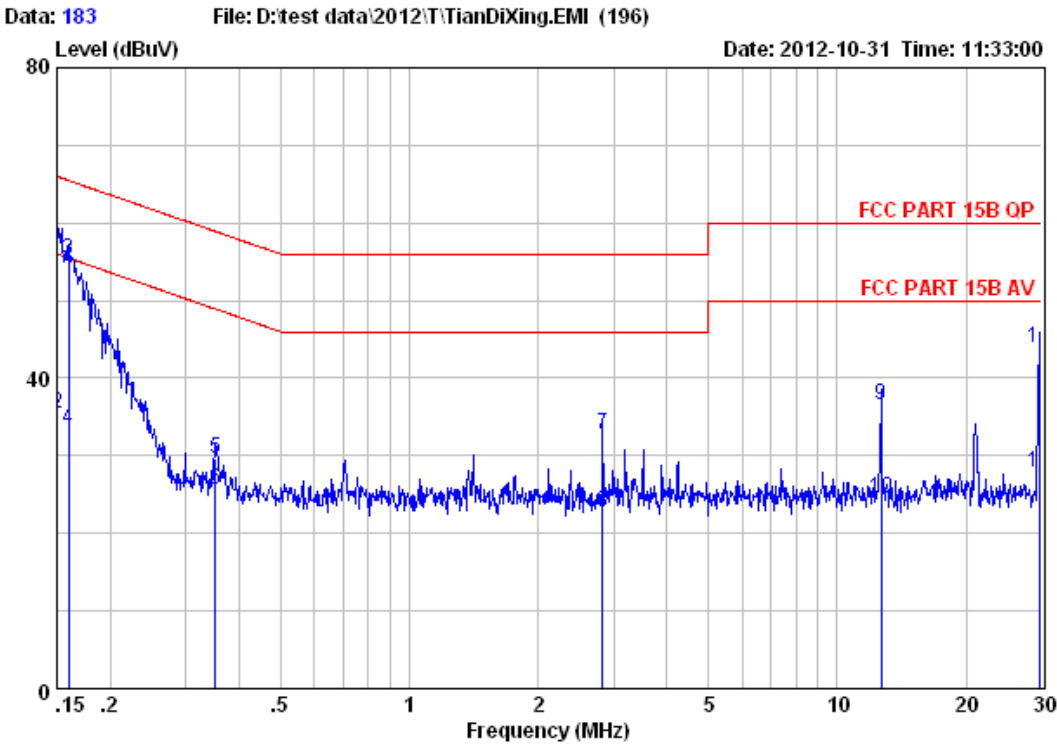
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Site no. : EST 844 Shielded Room Data no. : 181
Limit : FCC PART 15B QP LINE Phase : LINE
Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-260i
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv/m)	Limits (dBuv/m)	Margin (dB)	Remark
1	0.15	9.61	9.81	38.44	57.86	65.87	8.01	QP
2	0.15	9.61	9.81	16.44	35.86	55.87	20.01	Average
3	0.17	9.61	9.80	31.51	50.92	64.72	13.80	QP
4	0.17	9.61	9.80	7.51	26.92	54.72	27.80	Average
5	0.35	9.61	9.83	9.85	29.29	58.91	29.62	QP
6	0.35	9.61	9.83	5.85	25.29	48.91	23.62	Average
7	2.82	9.63	9.83	13.03	32.49	56.00	23.51	QP
8	2.82	9.63	9.83	6.03	25.49	46.00	20.51	Average
9	12.65	9.67	9.92	13.03	32.62	60.00	27.38	QP
10	12.65	9.67	9.92	3.03	22.62	50.00	27.38	Average
11	21.15	9.68	9.98	21.01	40.67	60.00	19.33	QP
12	21.15	9.68	9.98	6.01	25.67	50.00	24.33	Average



Site no. : EST 844 Shielded Room Data no. : 183
Limit : FCC PART 15B QP LINE Phase : NEUTRAL
Env. / Ins. : Temp:24.3'C Humi:58% Press:101.50kPa
Engineer : Tony
EUT : CD Receiver
Power : AC 120V/60Hz
M/N : CR-260i
Test Mode : TX Mode

	Freq. (MHz)	LISN Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuv/m)	Limits (dBuv/m)	Margin (dB)	Remark
1	0.15	9.46	9.81	39.15	58.42	66.00	7.58	QP
2	0.15	9.46	9.81	16.15	35.42	55.99	20.57	Average
3	0.16	9.49	9.81	36.02	55.32	65.47	10.15	QP
4	0.16	9.49	9.81	14.02	33.32	55.47	22.15	Average
5	0.35	9.59	9.83	10.27	29.69	58.91	29.22	QP
6	0.35	9.59	9.83	6.27	25.69	48.91	23.22	Average
7	2.82	9.63	9.83	13.19	32.65	56.00	23.35	QP
8	2.82	9.63	9.83	3.19	22.65	46.00	23.35	Average
9	12.65	9.73	9.92	16.83	36.48	60.00	23.52	QP
10	12.65	9.73	9.92	4.83	24.48	50.00	25.52	Average
11	29.68	9.83	10.06	24.02	43.91	60.00	16.09	QP
12	29.68	9.83	10.06	8.02	27.91	50.00	22.09	Average

11.ANTENNA REQUIREMENTS

11.1.Limit

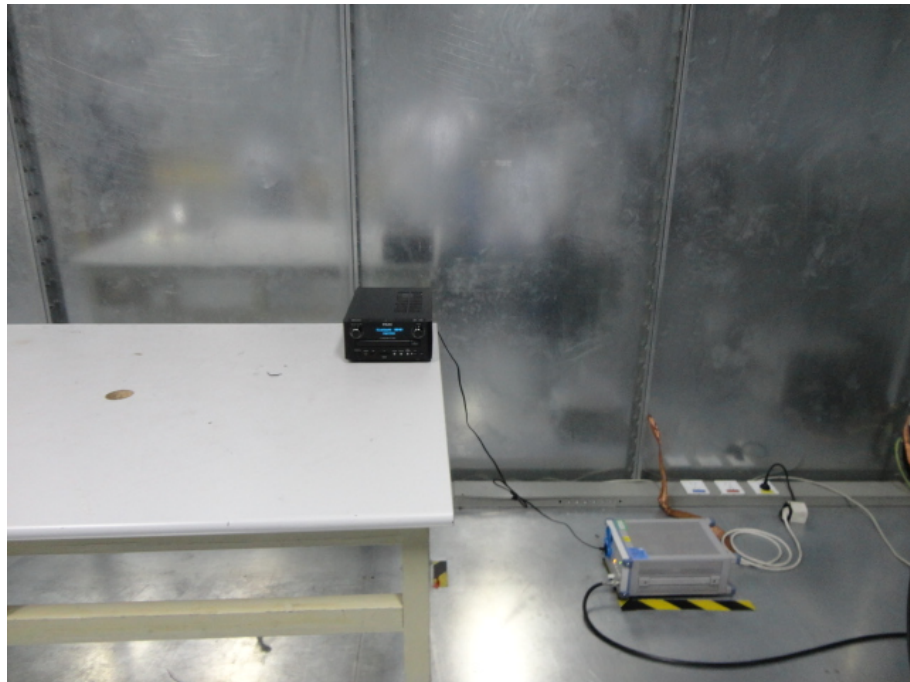
For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

11.2.Result

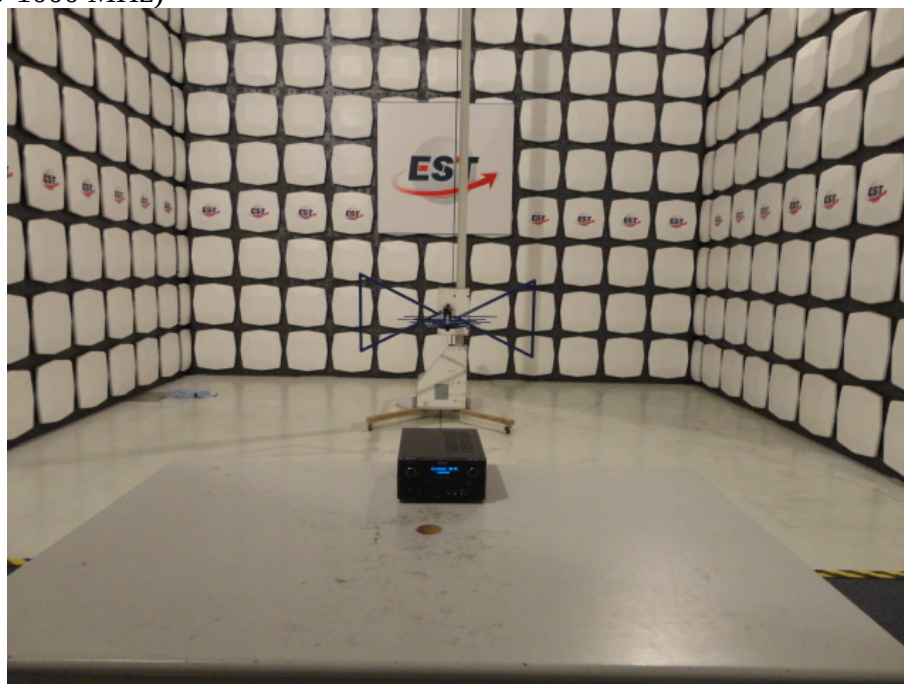
The antennas used for this product are integral Patch Antenna and that no antenna other than that furnished by the responsible party shall be used with the device, the maximum peak gain of the transmit antenna is only 2.12 dBi.

12. TEST SETUP PHOTO

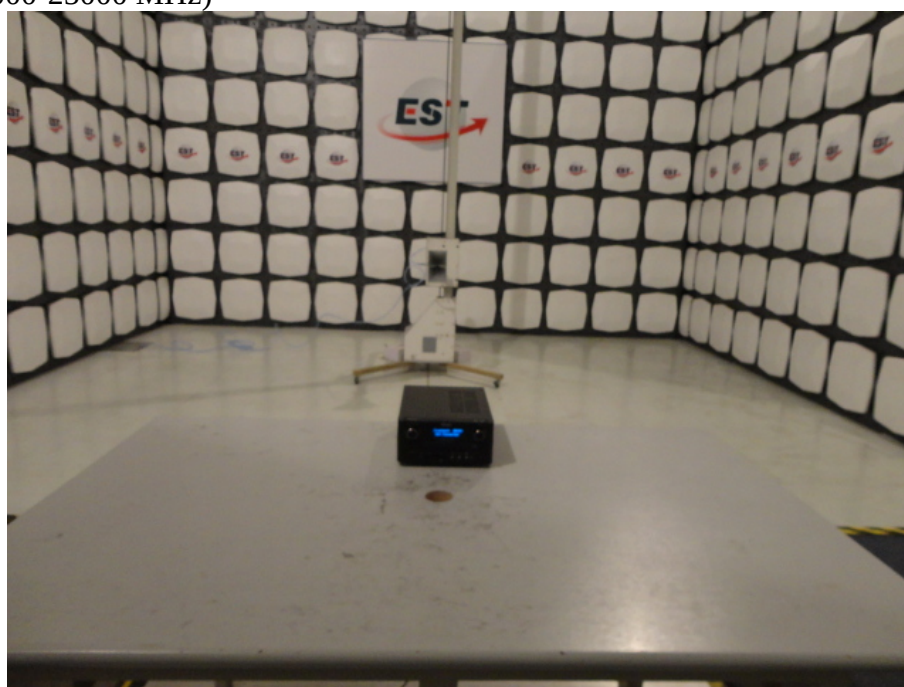
Conducted Test



Radiated Test (30-1000 MHz)



Radiated Test (1000-25000 MHz)



13. PHOTOS OF EUT

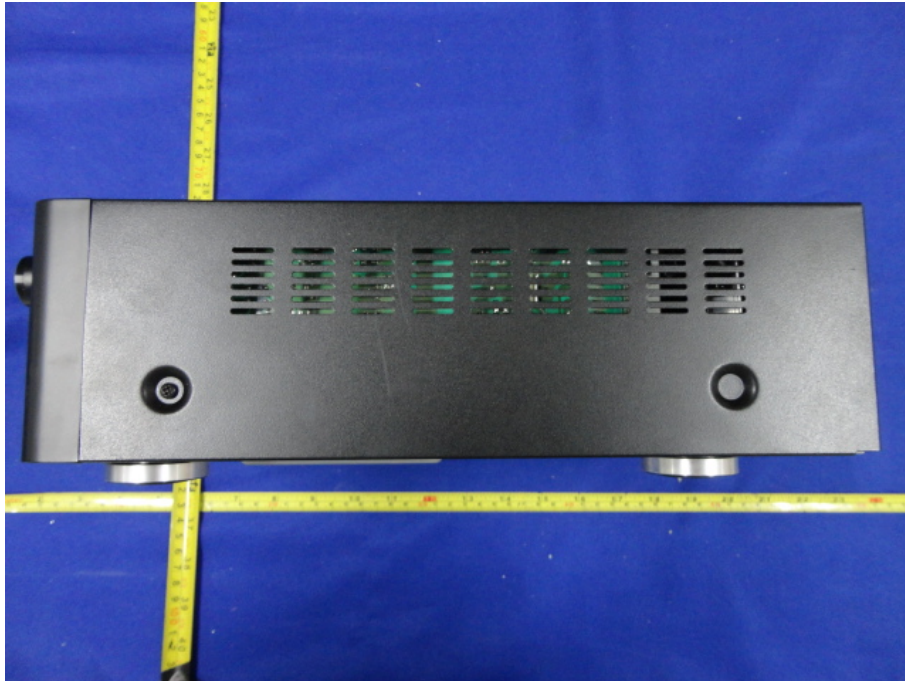
External Photos



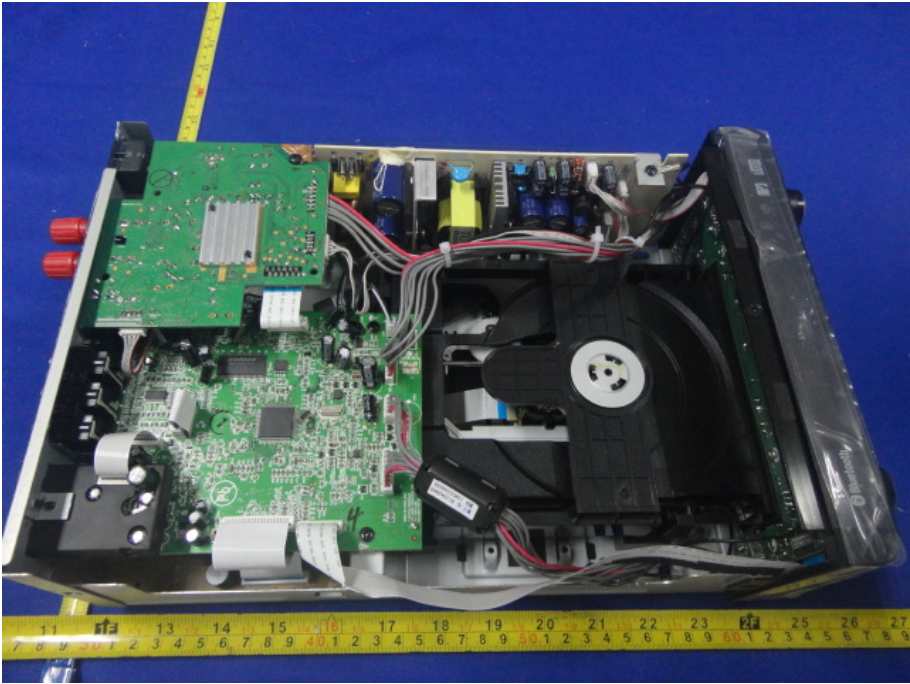
External Photos



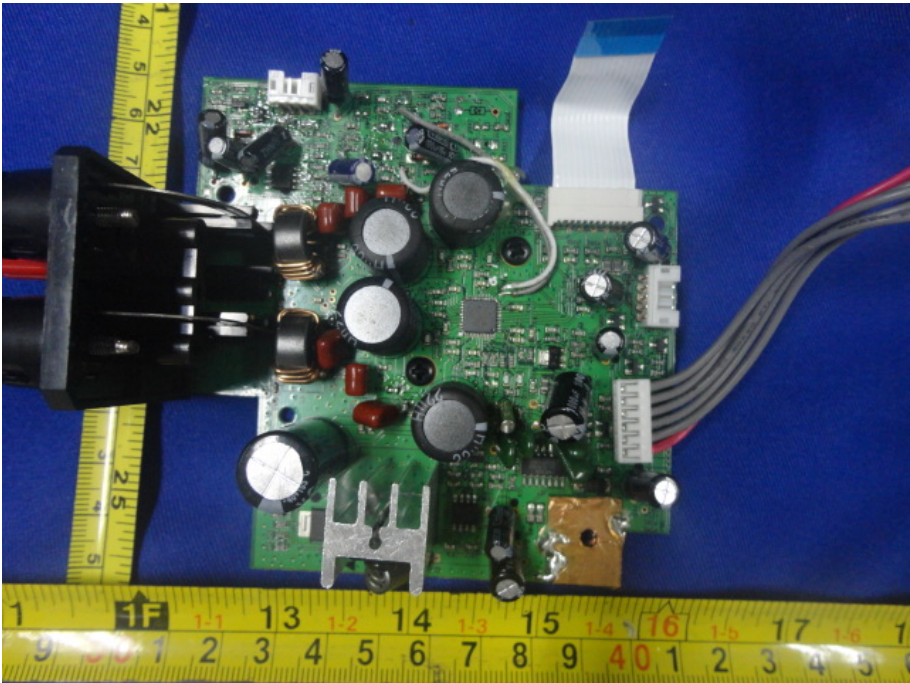
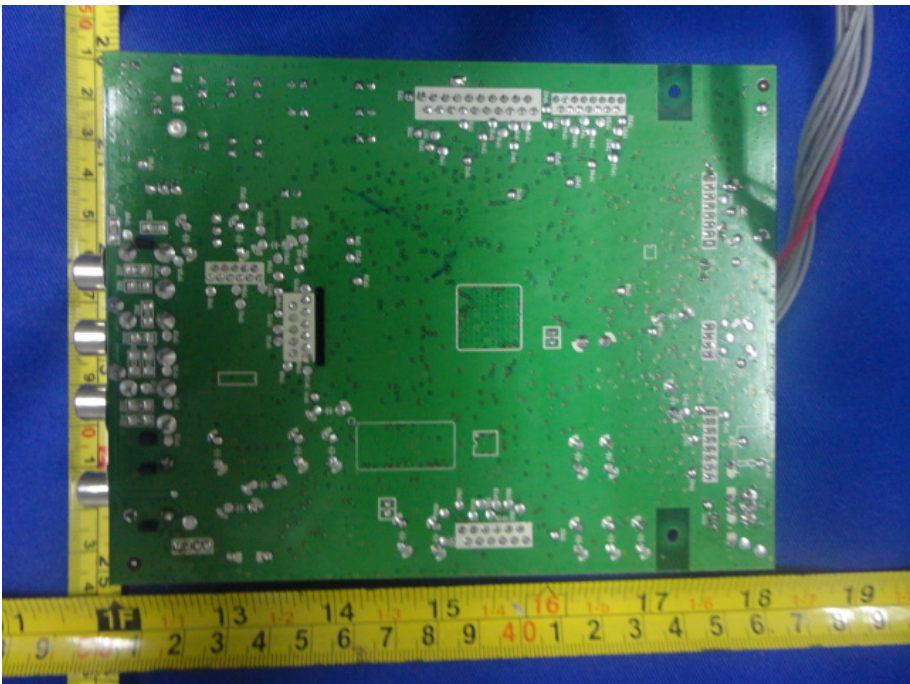
External Photos



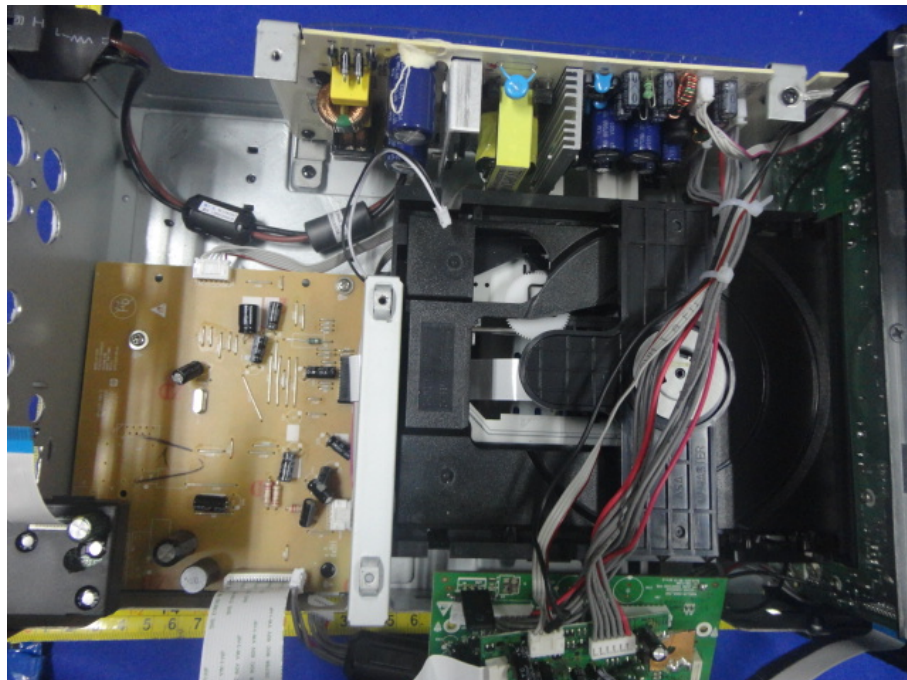
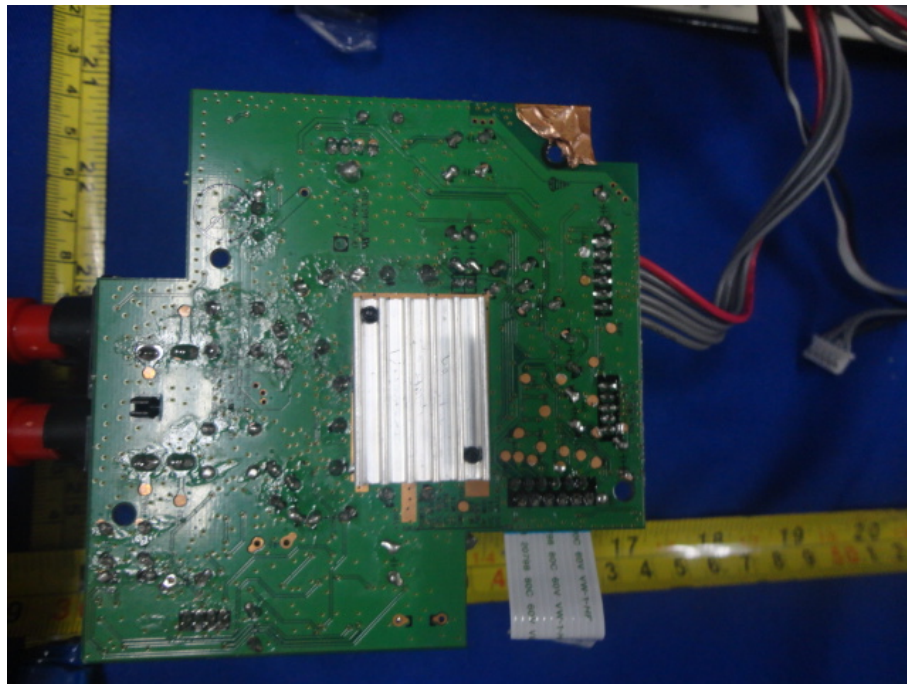
Internal Photos



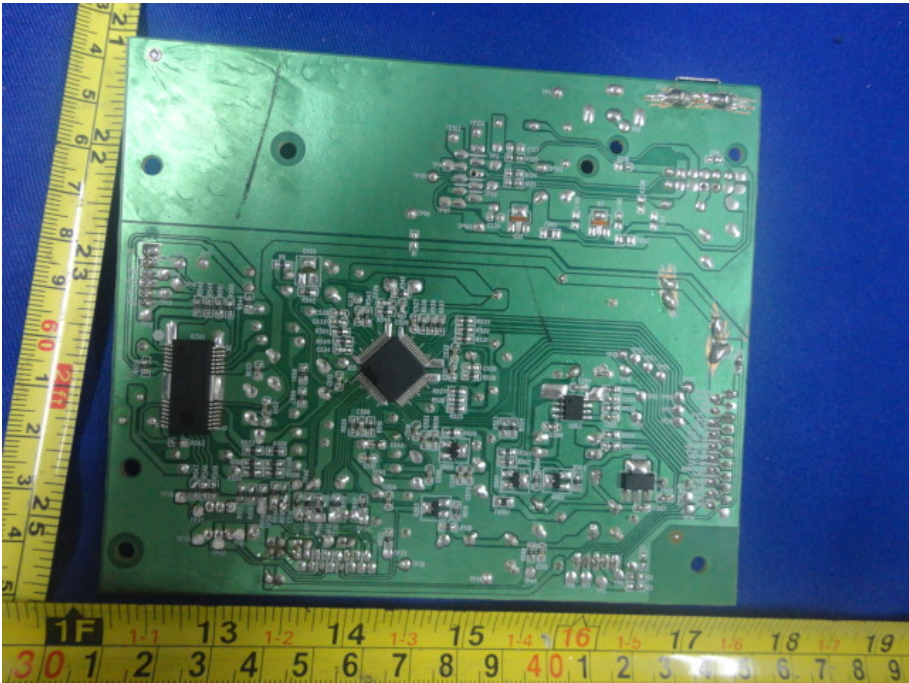
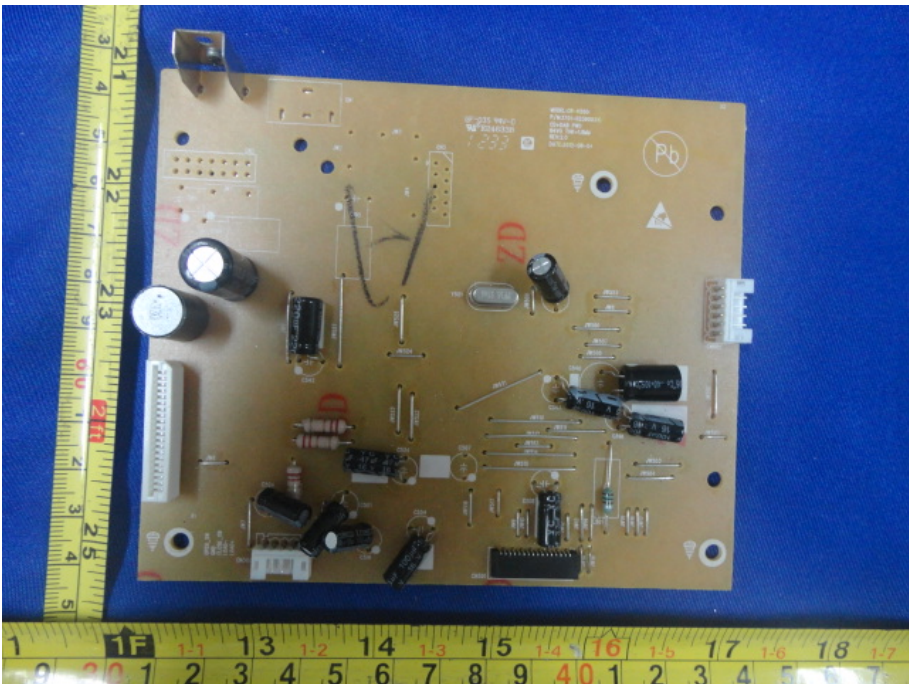
Internal Photos



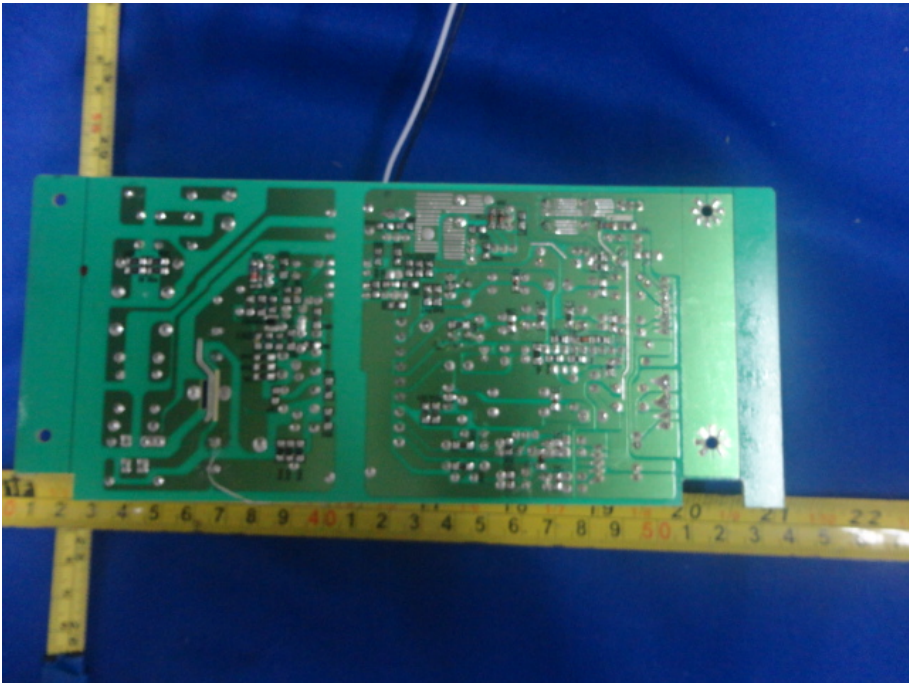
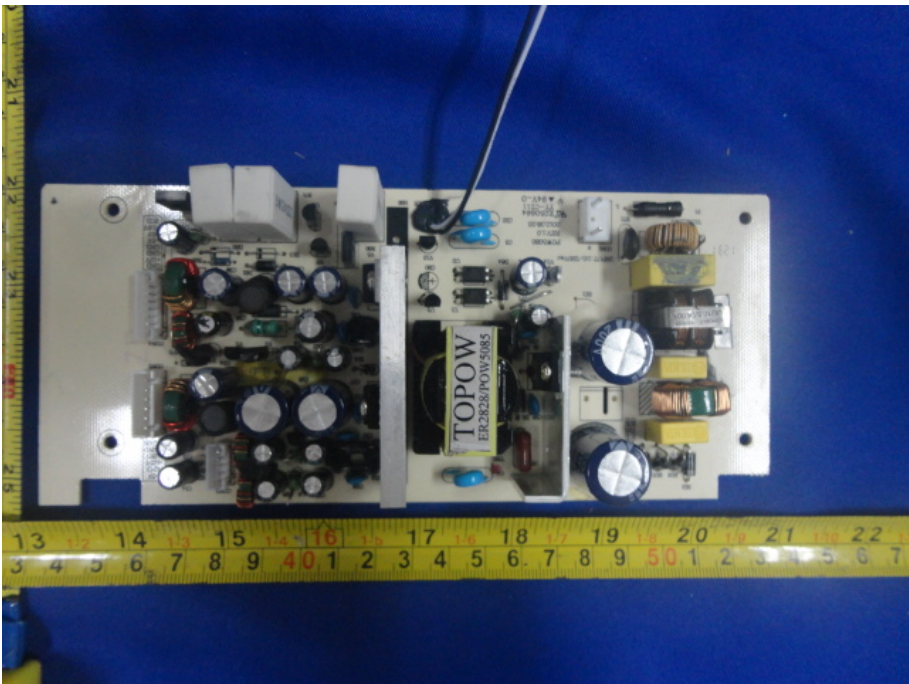
Internal Photos



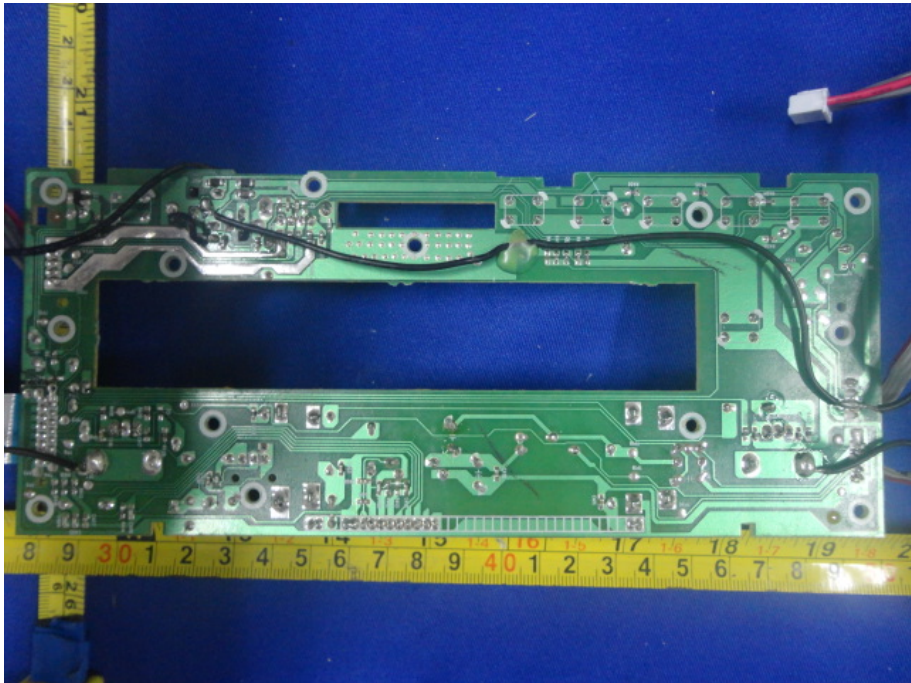
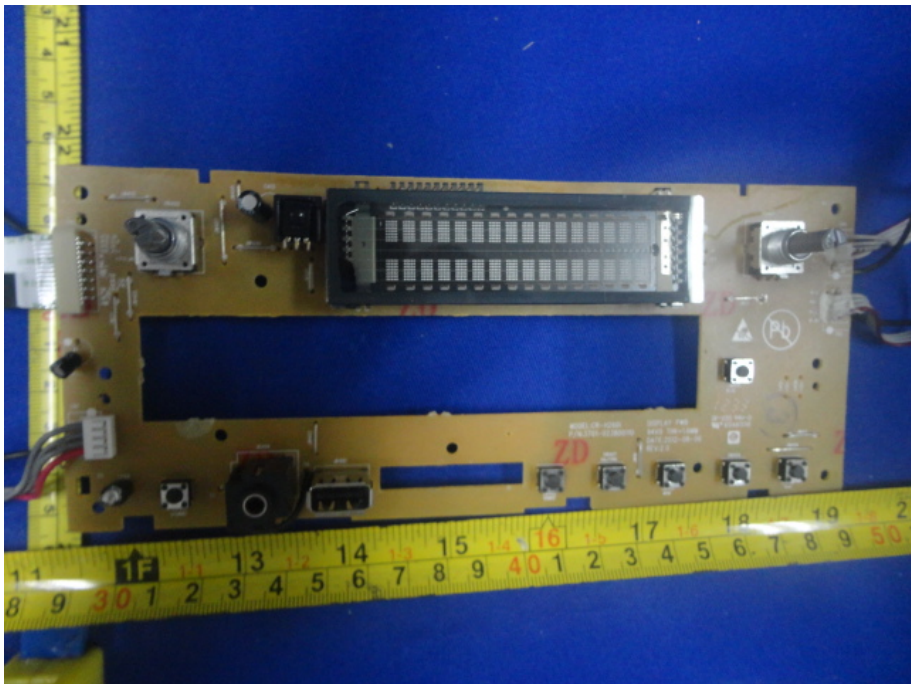
Internal Photos



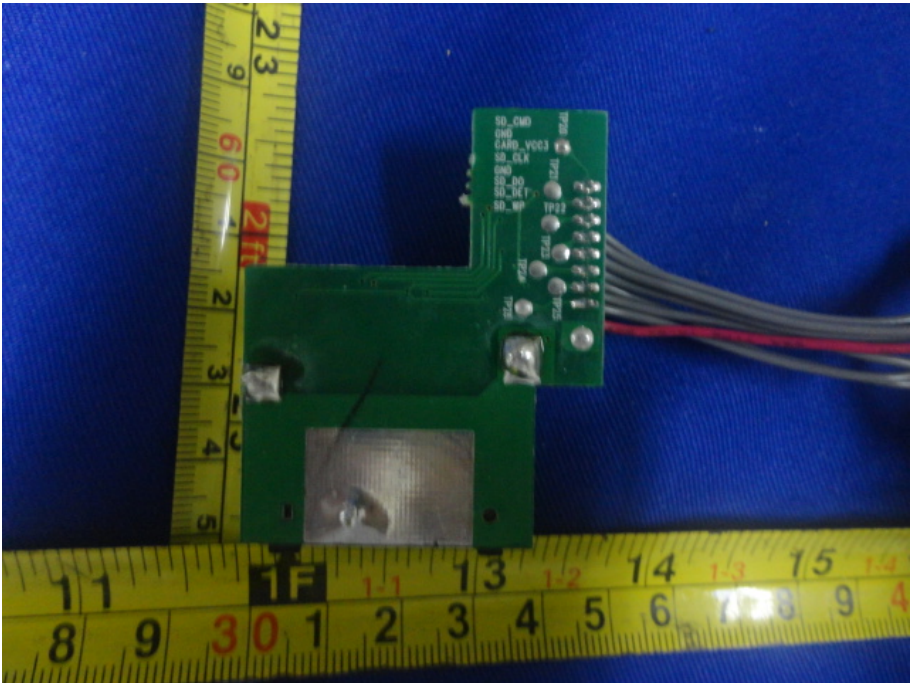
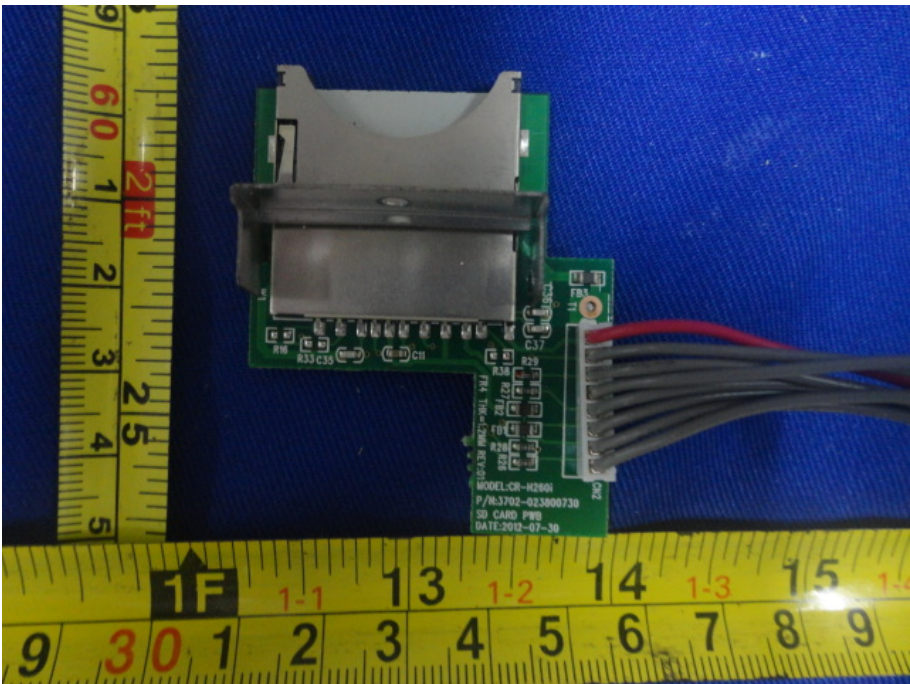
Internal Photos



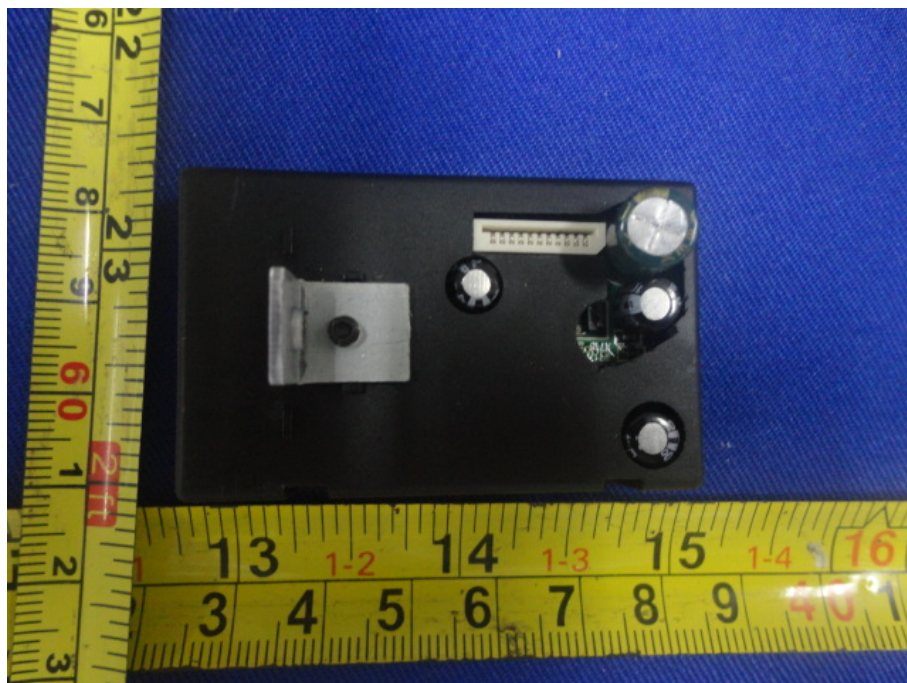
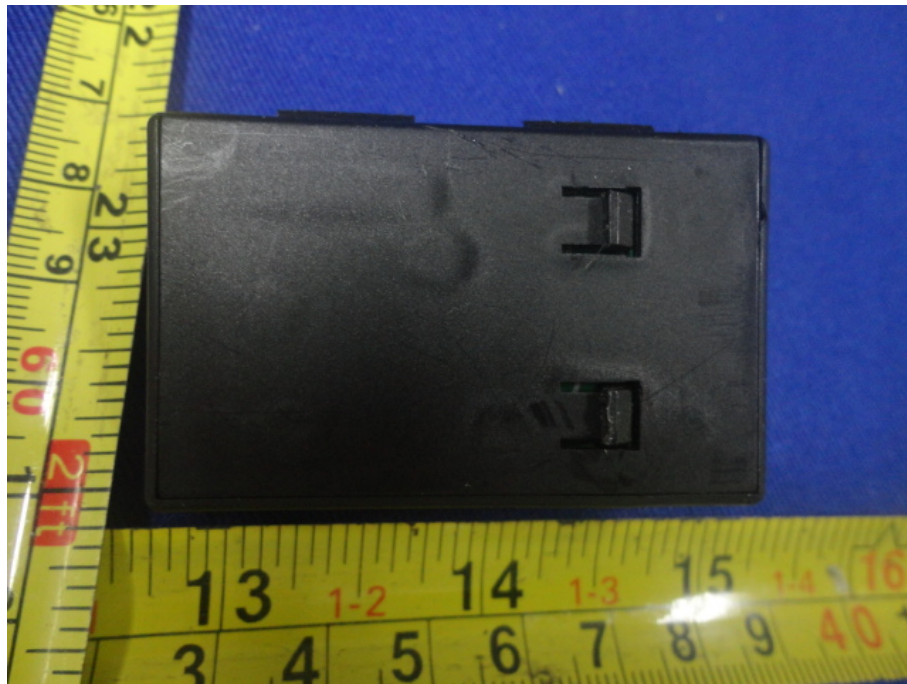
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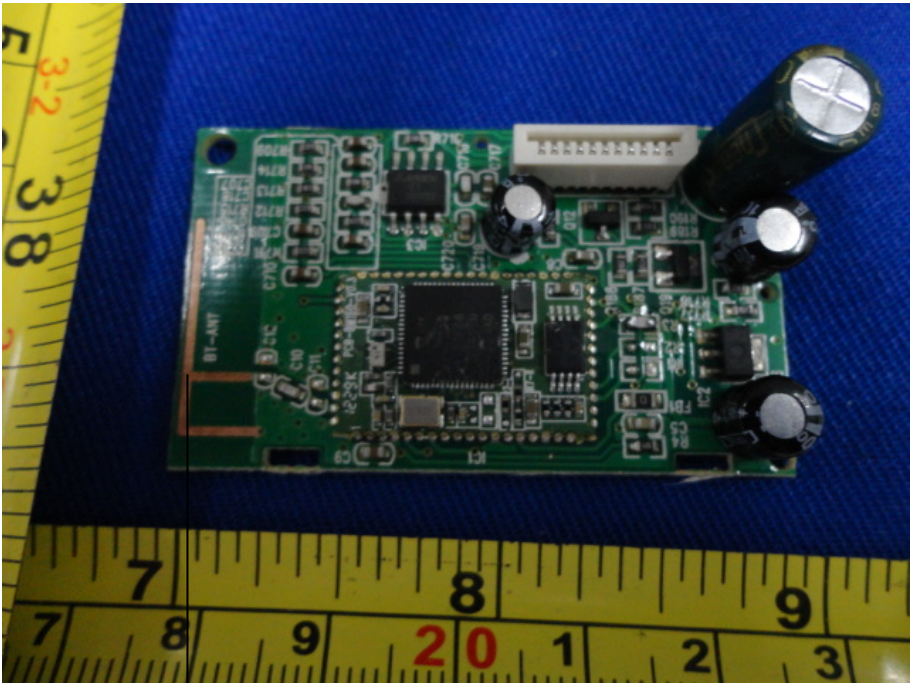
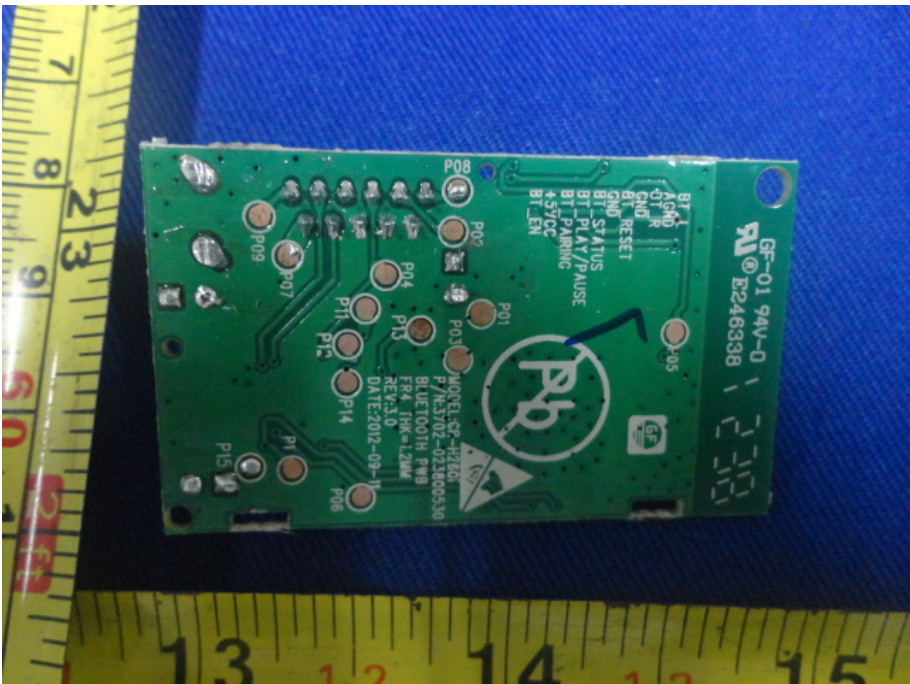
Internal Photos



Internal Photos



Internal Photos



Antenna