



Test Report

Product Name : DIGITAL MEDIA FRAME
Model No. : DMF102XKU
FCC ID. : XHIDPF10UH

Applicant : LITE-ON IT Corp.
Address : No.8, Dusing Rd., Hsinchu Science Park,
Hsinchu, Taiwan, R.O.C.

Date of Receipt : 2009/06/10
Issued Date : 2009/06/22
Report No. : 096157R-RFUSP05V01
Report Version : V1.0

The test results relate only to the samples tested.

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

Test Report Certification

Issued Date : 2009/06/22

Report No. : 096157R-RFUSP05V01



Product Name : DIGITAL MEDIA FRAME

Applicant : LITE-ON IT Corp.

Address : No.8, Dusing Rd., Hsinchu Science Park, Hsinchu, Taiwan,
R.O.C.

Manufacturer : LITON OPTO Technology (Guangzhou) Co. Ltd.

Address : No.8, Guang Bao Rd., Lite-On Scienece Park, Guangzhou,
Science Park, GuangZhou, P.R. China

Model No. : DMF102XKU

FCC ID. : XHIDPF10UH

Rated Voltage : AC 120 V / 60 Hz

EUT Voltage : AC 120 V / 60 Hz

Trade Name : TOSHIBA

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

Test Result : Complied

The test results relate only to the samples tested.

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Documented By : Demi Chang
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Reviewed By : Rita Hsu
(Rita Hsu / Engineer)

Approved By : Roy Wang
(Roy Wang / Manager)

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1. General Information

1.1. EUT Description

Product Name	DIGITAL MEDIA FRAME
Trade Name	TOSHIBA
Model No.	DMF102XKU
Frequency Range (IEEE 802.11b/g)	2412~2462MHz
Channel Number (IEEE 802.11b/g)	11
Type of Modulation (IEEE 802.11b)	DSSS
Type of Modulation (IEEE 802.11g)	OFDM
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Antenna	3.26dBi
Channel Control	Auto
Antenna Type	Connector (IPEX)

Component	
Digital Photo Frame	TOSHIBA, SE-R0351
Power Adapter	TOSHIBA, EADP-18 SB I/P: 100-240V 0.4A, 50-60Hz O/P: DC 12V 1.5A Cable Out: Non-Shielded, 1.5m

Note:

1. This device is a DIGITAL MEDIA FRAME, which including 2.4GHz b/g transmitting and receiving function.
2. These test results on a sample of the device are for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247.
3. Regards to the frequency band operation; the lowest 、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
4. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 096157R-RFUSP01V02 under Declaration of Conformity.

1.2. Operational Description

The EUT is a DIGITAL MEDIA FRAME for 2.4GHz wireless signal. Operating Frequency Range is from 2412 MHz to 2462 MHz. The device adapts Digitally Modulation Spread Spectrum modulation. Operation in 2.4GHz Direct Sequence Spread Spectrum (DSSS) radio transmission for IEEE 802.11b and Orthogonal Frequency Division Multiplexing (OFDM) for IEEE 802.11g.

This device provided four kinds of transmitting speed 1 Mbps, 2 Mbps, 5.5 Mbps and 11Mbps for IEEE 802.11b and eight kinds of transmitting speed 6 Mbps, 9 Mbps, 12 Mbps, 18 Mbps, 24 Mbps, 36 Mbps, 48 Mbps and 54Mbps for IEEE 802.11g. The device of RF carrier is DQPSK, DBPSK and CCK. The maximum wireless signal rate of 802.11b is 1 Mbps and 802.11g is 6 Mbps in the 2.4GHz frequency.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

Tx	Mode 1: Transmit
----	------------------

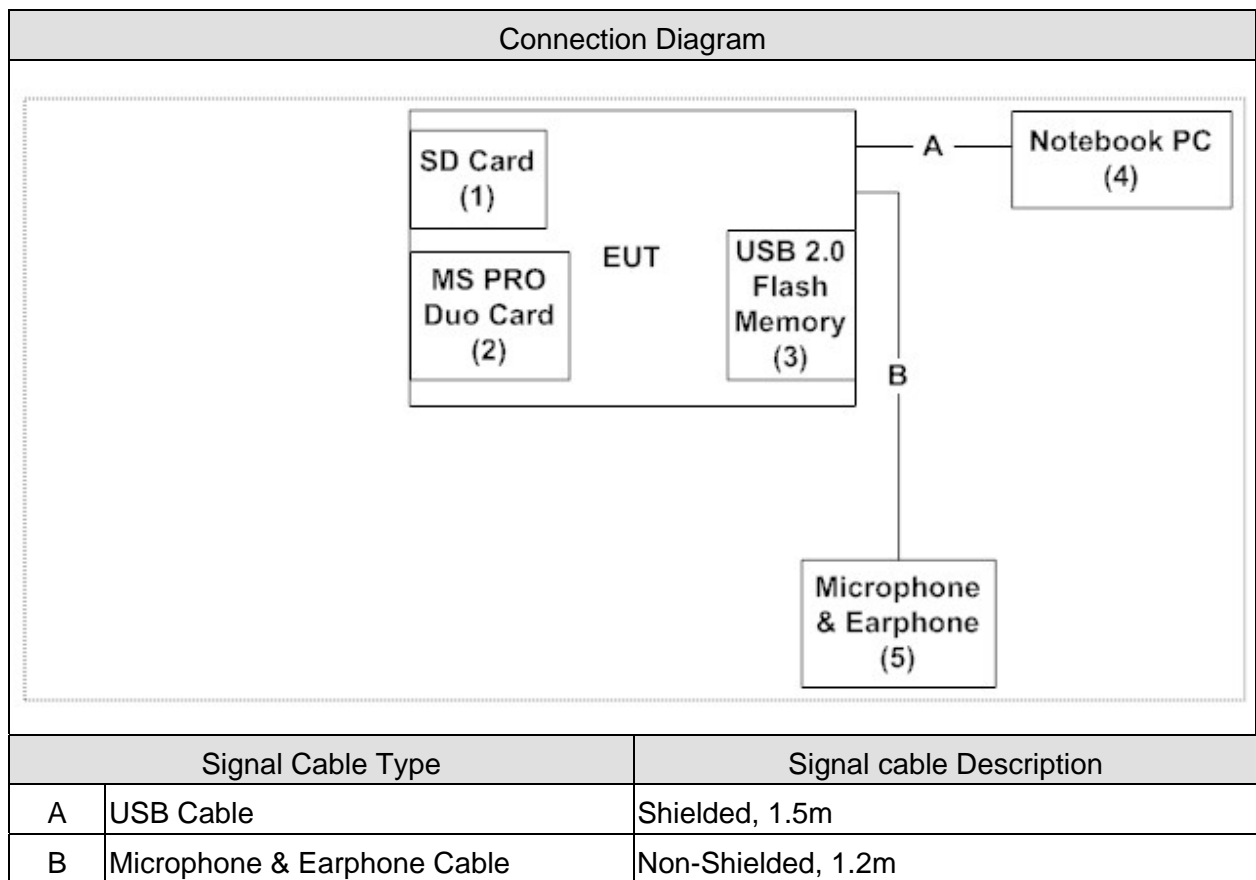
Test Items	Mode1
Conducted Emission	Yes
Peak Power Output	Yes
Radiated Emission	Yes
RF antenna conducted test	Yes
Radiated Emission Band Edge	Yes
Occupied Bandwidth	Yes
Power Density	Yes

1.4. Tested System Details

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

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	SD Card	Transcend	TS512MSD80	160073-4662	DoC	--
2	MS PRO Duo Card	SanDisk	1GB	BB0717004214D	DoC	--
3	USB 2.0 Flash Memory	TOSHIBA	Trans Memory II 1 GB	N/A	DoC	--
4	Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-shielded, 1.7m, a ferrite core bonded
5	Microphone & Earphone	TOKTO	SX-MI	N/A	DoC	--

1.5. Configuration of tested System



1.6. EUT Exercise Software

1	Setup the EUT and simulators as shown on 1.5.
2	Turn on the power of all equipment.
3	Boot the Notebook PC from Hard Disk.
4	Data will communicate by connecting to USB port of Notebook PC.
5	The Notebook PC 's monitor will show the transmitting and receiving characteristics when the communication is success.
6	Repeat the above procedure (4) to (5).

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	23.5
Humidity (%RH)		25 - 75	53
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	26
Humidity (%RH)		25 - 75	52.8
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520



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

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2009



Site Name: Quietek Corporation
Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

2.1. Test Equipment

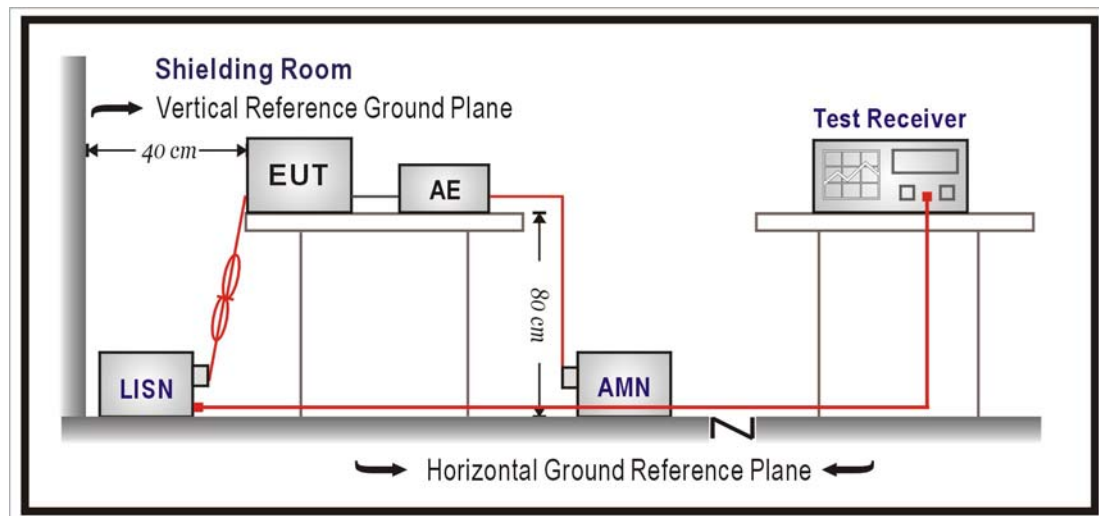
The following test equipments are used during the test:

Conducted Emission / SR2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
4-Wire ISN	R & S	ENY 41	837032/001	2009/04/15
Artificial Mains Network	R & S	ENV4200	848411/010	2009/03/13
Double 2-Wire ISN	R & S	ENY 22	835354/008	2009/04/15
LISN	R & S	ESH3-Z5	825562/002	2009/03/31
Pulse Limiter	R & S	ZSH3Z2	357.8810.54	2008/07/19
Test Receiver	R & S	ESCS 30	100122	2009/02/21

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

2.2. Test Setup



2.3. Limits

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

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

2.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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.

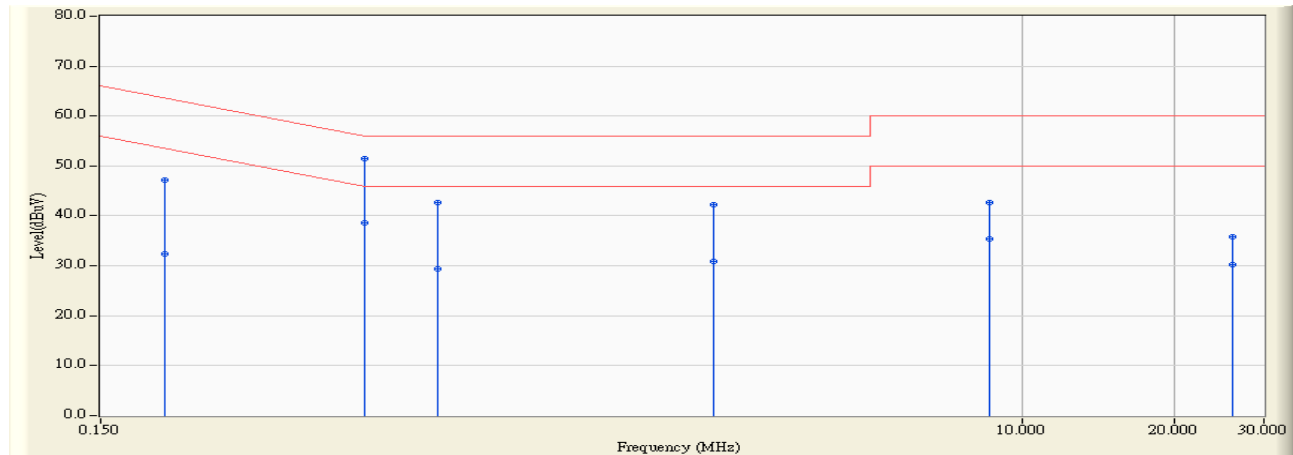
Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Uncertainty

The measurement uncertainty is defined as ± 2.26 dB.

2.6. Test Result

Site : SR2	Time : 2009/06/17 - 14:36
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : Mode 1: Transmit-B

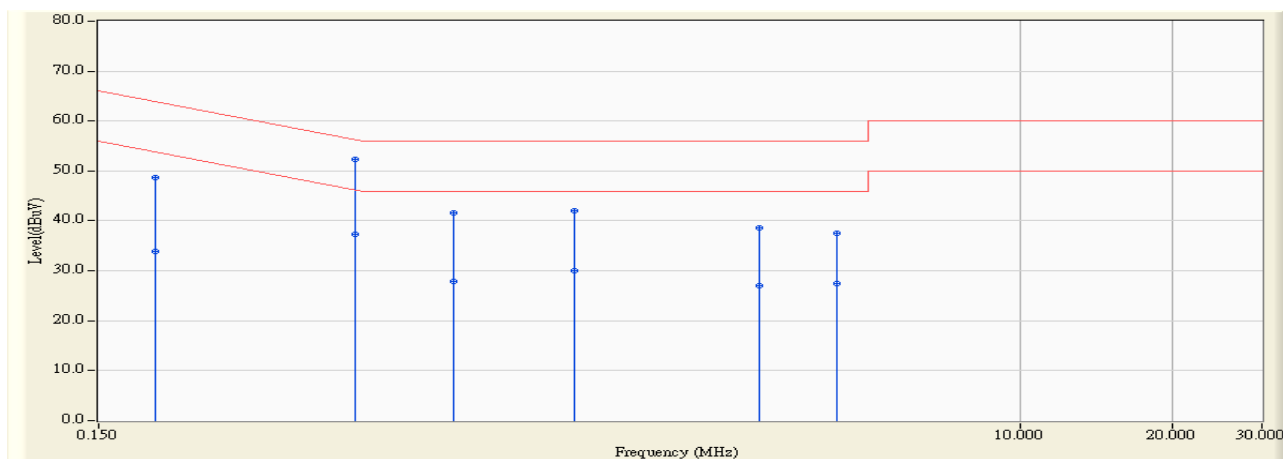


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.201	9.661	37.560	47.221	-16.357	63.578	QUASIPeAK
2		0.201	9.661	22.760	32.421	-21.157	53.578	AVERAGE
3	*	0.500	9.816	41.610	51.426	-4.574	56.000	QUASIPeAK
4		0.500	9.816	28.790	38.606	-7.394	46.000	AVERAGE
5		0.694	9.820	32.880	42.700	-13.300	56.000	QUASIPeAK
6		0.694	9.820	19.530	29.350	-16.650	46.000	AVERAGE
7		2.454	9.816	32.470	42.286	-13.714	56.000	QUASIPeAK
8		2.454	9.816	21.120	30.936	-15.064	46.000	AVERAGE
9		8.573	10.029	32.630	42.659	-17.341	60.000	QUASIPeAK
10		8.573	10.029	25.400	35.429	-14.571	50.000	AVERAGE
11		25.940	10.355	25.440	35.795	-24.205	60.000	QUASIPeAK
12		25.940	10.355	19.910	30.265	-19.735	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2009/06/17 - 14:40
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : Mode 1: Transmit-B

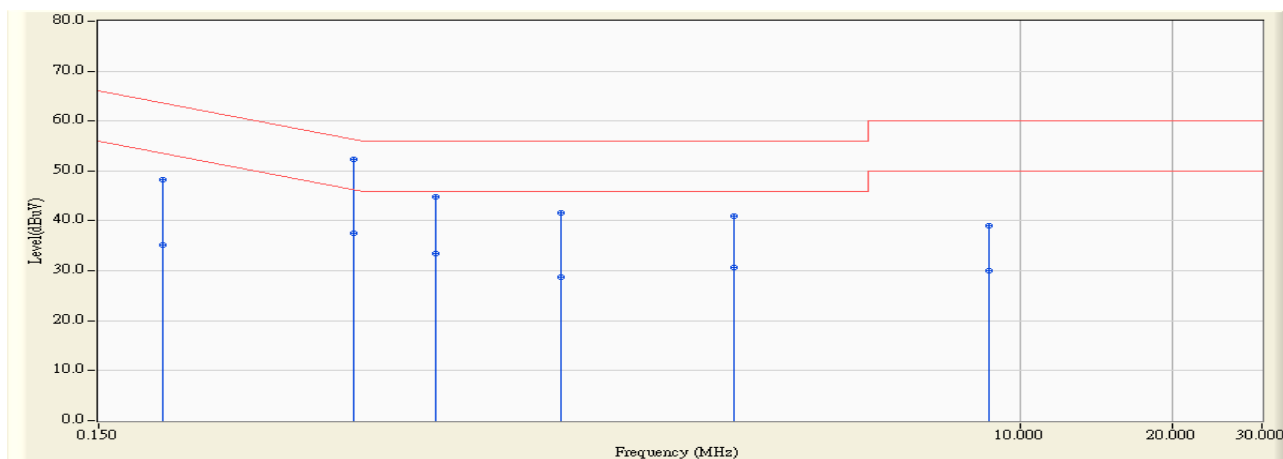


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.194	9.690	38.940	48.630	-15.218	63.848	QUASIPeAK
2		0.194	9.690	24.210	33.900	-19.948	53.848	AVERAGE
3	*	0.482	9.802	42.500	52.302	-4.005	56.307	QUASIPeAK
4		0.482	9.802	27.480	37.282	-9.025	46.307	AVERAGE
5		0.757	9.810	31.720	41.530	-14.470	56.000	QUASIPeAK
6		0.757	9.810	18.120	27.930	-18.070	46.000	AVERAGE
7		1.314	9.816	32.220	42.036	-13.964	56.000	QUASIPeAK
8		1.314	9.816	20.180	29.996	-16.004	46.000	AVERAGE
9		3.041	9.834	28.690	38.524	-17.476	56.000	QUASIPeAK
10		3.041	9.834	17.200	27.034	-18.966	46.000	AVERAGE
11		4.339	9.838	27.670	37.508	-18.492	56.000	QUASIPeAK
12		4.339	9.838	17.590	27.428	-18.572	46.000	AVERAGE

Note:

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

Site : SR2	Time : 2009/06/17 - 14:58
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line1	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : Mode 1: Transmit-G

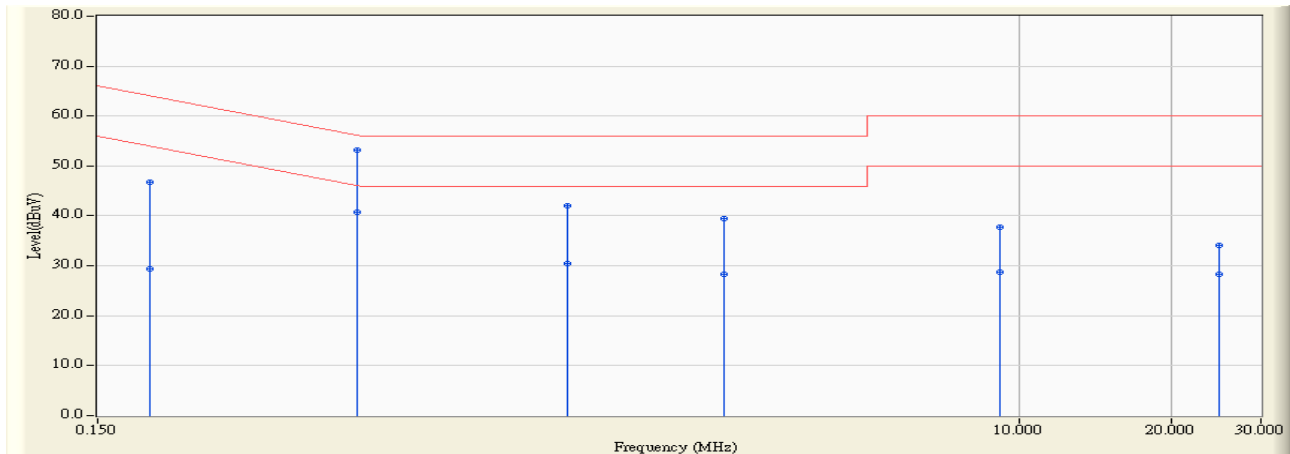


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.201	9.661	38.680	48.341	-15.244	63.585	QUASIPeAK
2		0.201	9.661	25.440	35.101	-18.484	53.585	AVERAGE
3	*	0.478	9.808	42.550	52.358	-4.014	56.372	QUASIPeAK
4		0.478	9.808	27.640	37.448	-8.924	46.372	AVERAGE
5		0.696	9.820	35.060	44.880	-11.120	56.000	QUASIPeAK
6		0.696	9.820	23.610	33.430	-12.570	46.000	AVERAGE
7		1.231	9.818	31.870	41.688	-14.312	56.000	QUASIPeAK
8		1.231	9.818	19.000	28.818	-17.182	46.000	AVERAGE
9		2.718	9.820	31.080	40.900	-15.100	56.000	QUASIPeAK
10		2.718	9.820	20.750	30.570	-15.430	46.000	AVERAGE
11		8.684	10.035	28.920	38.955	-21.045	60.000	QUASIPeAK
12		8.684	10.035	19.980	30.015	-19.985	50.000	AVERAGE

Note:

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

Site : SR2	Time : 2009/06/17 - 15:02
Limit : CISPR_B_00M_QP	Margin : 10
Probe : SR2-LISN(16A) - Line2	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : Mode 1: Transmit-G



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.190	9.690	37.070	46.760	-17.277	64.037	QUASIPeAK
2		0.190	9.690	19.770	29.460	-34.577	64.037	AVERAGE
3	*	0.490	9.805	43.360	53.165	-3.003	56.168	QUASIPeAK
4		0.490	9.805	30.860	40.665	-15.503	56.168	AVERAGE
5		1.275	9.816	32.160	41.976	-14.024	56.000	QUASIPeAK
6		1.275	9.816	20.570	30.386	-25.614	56.000	AVERAGE
7		2.603	9.832	29.580	39.412	-16.588	56.000	QUASIPeAK
8		2.603	9.832	18.490	28.322	-27.678	56.000	AVERAGE
9		9.124	10.066	27.780	37.846	-22.154	60.000	QUASIPeAK
10		9.124	10.066	18.780	28.846	-31.154	60.000	AVERAGE
11		24.759	10.511	23.690	34.201	-25.799	60.000	QUASIPeAK
12		24.759	10.511	17.750	28.261	-31.739	60.000	AVERAGE

Note:

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

3. Peak Power Output

3.1. Test Equipment

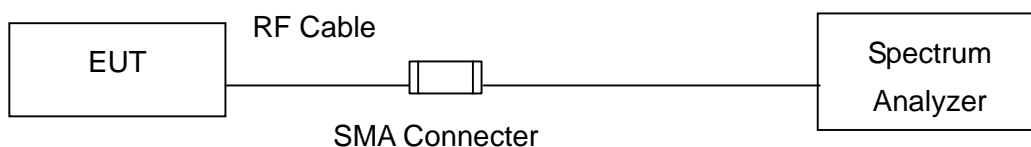
The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Jan., 2009
2	No.1 OATS			Sep., 2008

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

3.2. Test Setup

IEEE 802.11 b / g MODE



3.3. Test procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

3.4. Limits

The maximum peak power shall be less 1 Watt.

3.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

3.6. Test Result

Product	DIGITAL MEDIA FRAME		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.03	1Watt= 30 dBm	Pass
6	2437	17.86	1Watt= 30 dBm	Pass
11	2462	17.57	1Watt= 30 dBm	Pass

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1 Mbps	2Mbps	5.5Mbps	11Mbps	
1	2412.00	18.03	--	--	--	1Watt= 30 dBm
6	2437.00	17.86	17.51	17.48	17.32	1Watt= 30 dBm
11	2462.00	17.57	--	--	--	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	DIGITAL MEDIA FRAME		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	21.24	1Watt= 30 dBm	Pass
6	2437	20.93	1Watt= 30 dBm	Pass
11	2462	20.62	1Watt= 30 dBm	Pass

Peak Power Output Value(dBm)										
Channel No.	Frequency (MHz)	Data Rate (Mbps)								Required Limit
		6 Mbps	9 Mbps	12 Mbps	18 Mbps	24 Mbps	36 Mbps	48 Mbps	54 Mbps	
1	2412.00	21.24	--	--	--	--	--	--	--	1Watt= 30 dBm
6	2437.00	20.93	20.53	20.49	20.14	20.02	19.93	19.86	19.77	1Watt= 30 dBm
11	2462.00	20.62	--	--	--	--	--	--	--	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

4. Radiated Emission

4.1. Test Equipment

The following test equipments are used during the test:

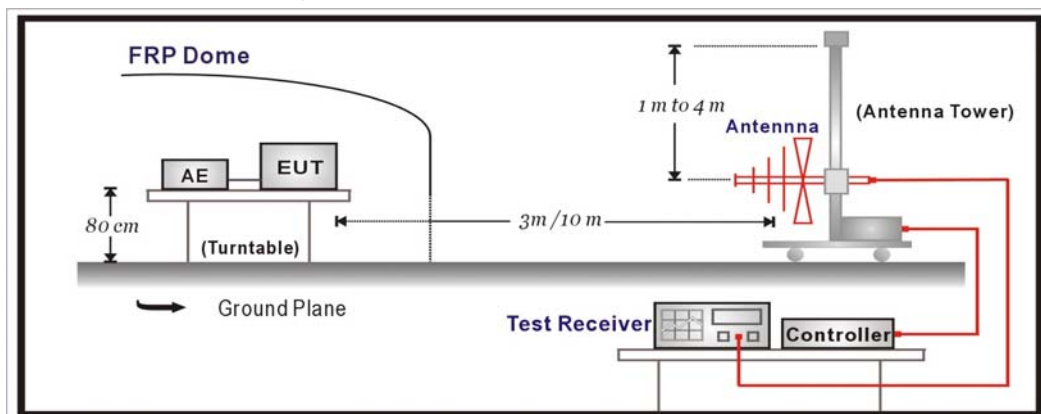
Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 836858/023	Apr., 2009
2	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2008
3	X	Pre-Amplifier	HP	8449B / 3008A01123	Nov., 2008
4	X	Bilog Antenna	Schaffner	CBL6112B / 2708	Sep., 2008
5	X	Spectrum Analyzer	Advantest	R3162 / 121200166	Feb., 2009
6	X	Pre-Amplifier	QuieTek	AP-025C / 002	N/A
7	X	Horn Antenna	Electro Metrics	EM-6961 / 103325	Mar., 2009
8		No.2 OATS			Sep., 2008

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

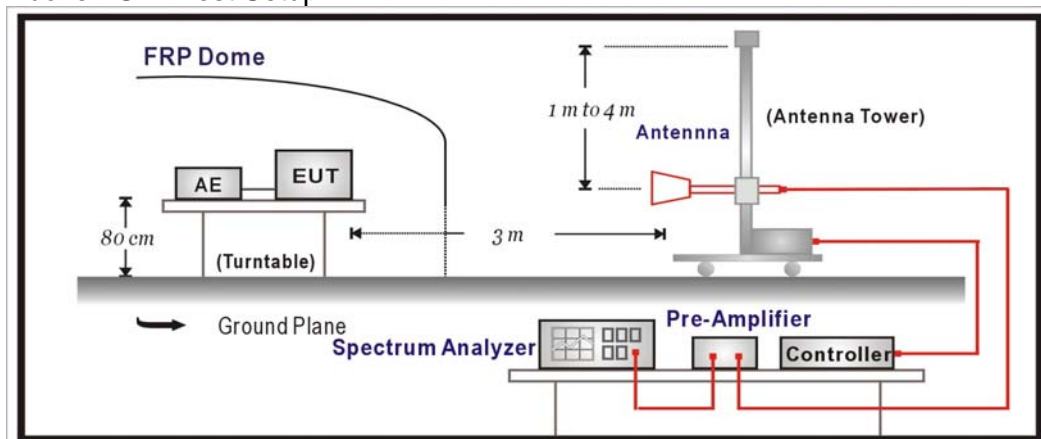
2. Last Cal showing "N/A" means it is used to Pre-test, not for final test.

4.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limits

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

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

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

4.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

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

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

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

4.6. Uncertainty

The measurement uncertainty

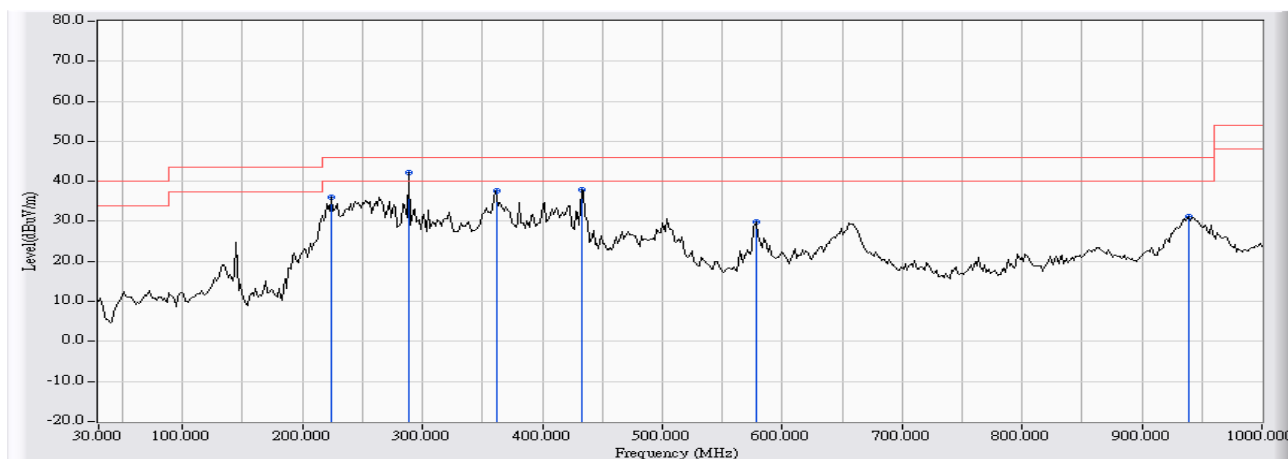
30MHz~1GHz as $\pm 3.19\text{dB}$

1GHz~26.5Ghz as $\pm 3.9\text{dB}$

4.7. Test Result

30MHz-1GHz Spurious

Site : Site 2	Time : 2009/06/17 - 09:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : Site 2_FCC_30-1G(2009) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-B

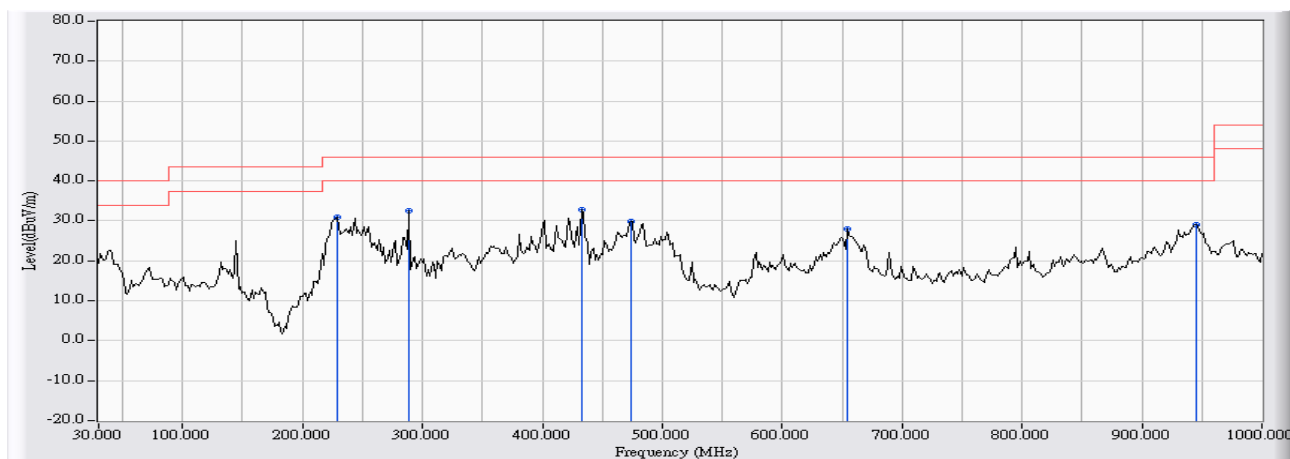


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		224.000	-13.825	49.889	36.063	-9.937	46.000	QUASIPeAK
2	*	288.667	-11.067	53.347	42.279	-3.721	46.000	QUASIPeAK
3		361.417	-11.759	49.432	37.673	-8.327	46.000	QUASIPeAK
4		432.550	-6.382	44.416	38.034	-7.966	46.000	QUASIPeAK
5		578.050	-6.302	36.051	29.749	-16.251	46.000	QUASIPeAK
6		938.567	1.009	30.209	31.217	-14.783	46.000	QUASIPeAK

Note:

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

Site : Site 2	Time : 2009/06/17 - 09:41
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : Site 2_FCC_30-1G(2009) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-B

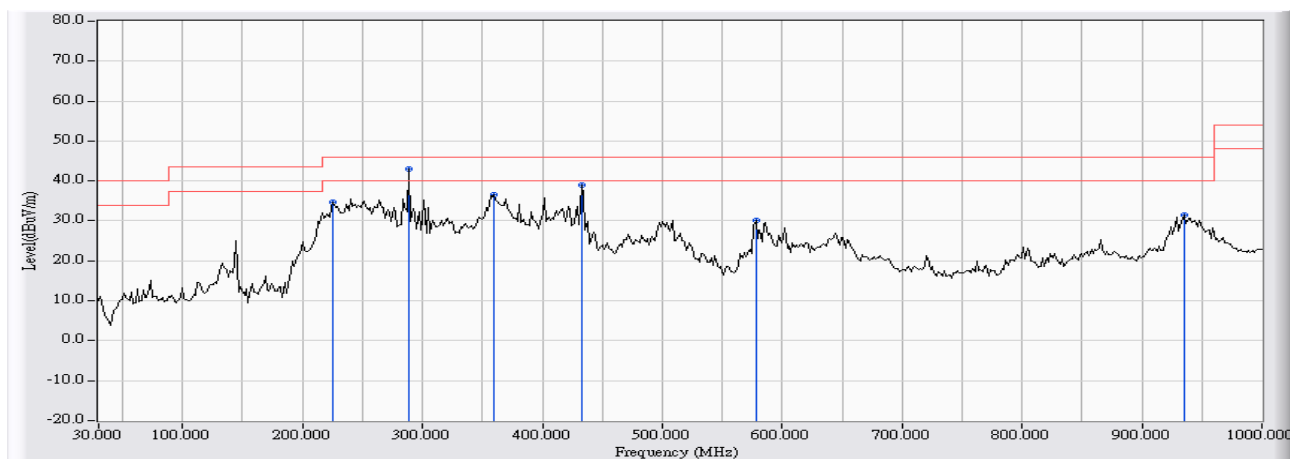


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		228.850	-12.979	43.963	30.984	-15.016	46.000	QUASIPeAK
2		288.667	-13.224	45.677	32.452	-13.548	46.000	QUASIPeAK
3	*	432.550	-7.019	39.848	32.828	-13.172	46.000	QUASIPeAK
4		474.583	-3.645	33.452	29.806	-16.194	46.000	QUASIPeAK
5		654.033	-3.456	31.571	28.115	-17.885	46.000	QUASIPeAK
6		945.033	-2.435	31.603	29.167	-16.833	46.000	QUASIPeAK

Note:

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

Site : Site 2	Time : 2009/06/17 - 09:47
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : Site 2_FCC_30-1G(2009) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G

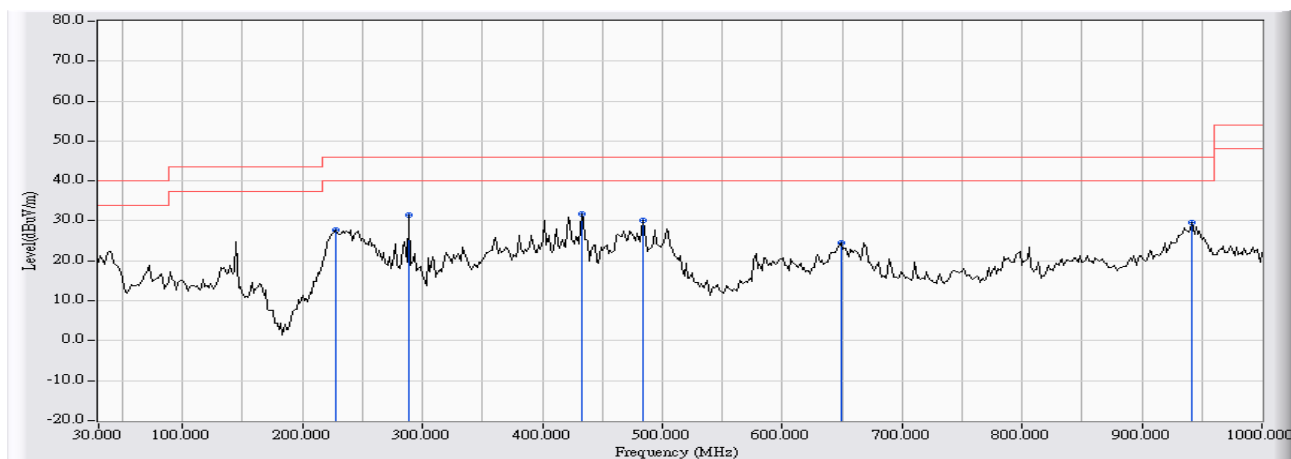


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		225.617	-13.930	48.637	34.707	-11.293	46.000	QUASIPeAK
2	*	288.667	-11.067	54.185	43.117	-2.883	46.000	QUASIPeAK
3		359.800	-11.719	48.275	36.556	-9.444	46.000	QUASIPeAK
4		432.550	-6.382	45.361	38.979	-7.021	46.000	QUASIPeAK
5		578.050	-6.302	36.373	30.071	-15.929	46.000	QUASIPeAK
6		935.333	0.750	30.789	31.539	-14.461	46.000	QUASIPeAK

Note:

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

Site : Site 2	Time : 2009/06/17 - 09:50
Limit : FCC_CLASS_B_03M_QP	Margin : 6
Probe : Site 2_FCC_30-1G(2009) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G



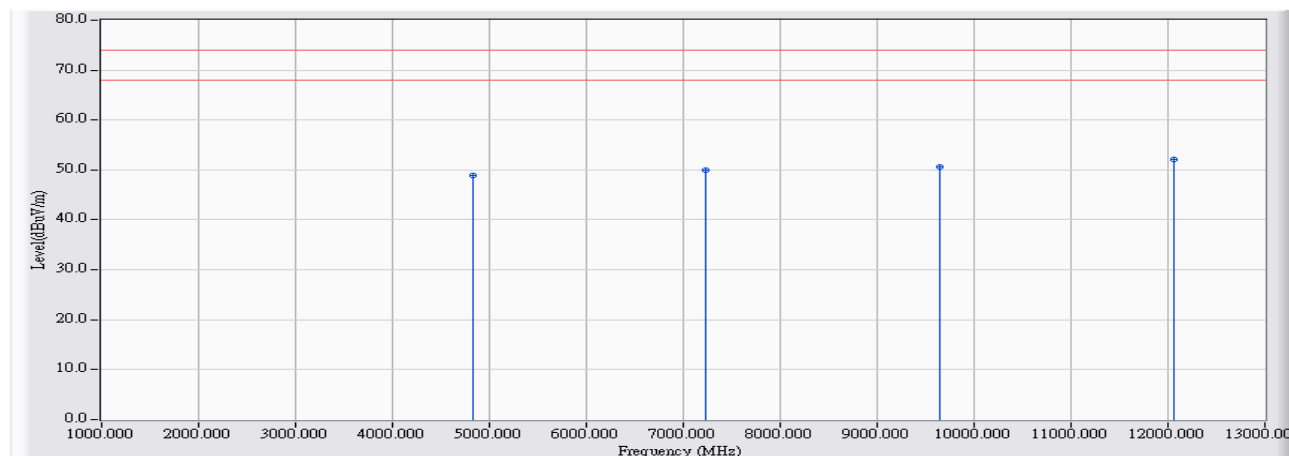
	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	227.233	-12.606	40.376	27.770	-18.230	46.000	QUASIPeAK
2	288.667	-13.224	44.698	31.473	-14.527	46.000	QUASIPeAK
3	* 432.550	-7.019	38.666	31.646	-14.354	46.000	QUASIPeAK
4	484.283	-4.248	34.420	30.172	-15.828	46.000	QUASIPeAK
5	649.183	-3.029	27.553	24.525	-21.475	46.000	QUASIPeAK
6	941.800	-3.030	32.659	29.628	-16.372	46.000	QUASIPeAK

Note:

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

Harmonic & Spurious:

Site : Site 2	Time : 2009/06/01 - 17:21
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH1

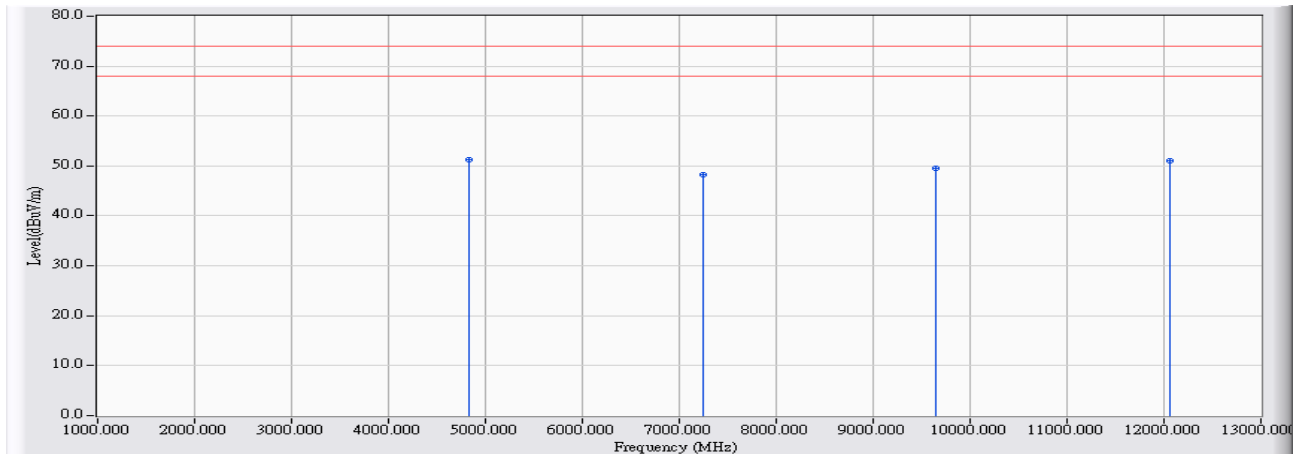


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4823.900	0.039	48.770	48.810	-25.190	74.000	PEAK
2		7235.330	5.885	44.050	49.936	-24.064	74.000	PEAK
3		9648.050	7.484	43.080	50.563	-23.437	74.000	PEAK
4	*	12060.124	11.957	40.124	52.080	-21.920	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/01 - 17:30
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH1

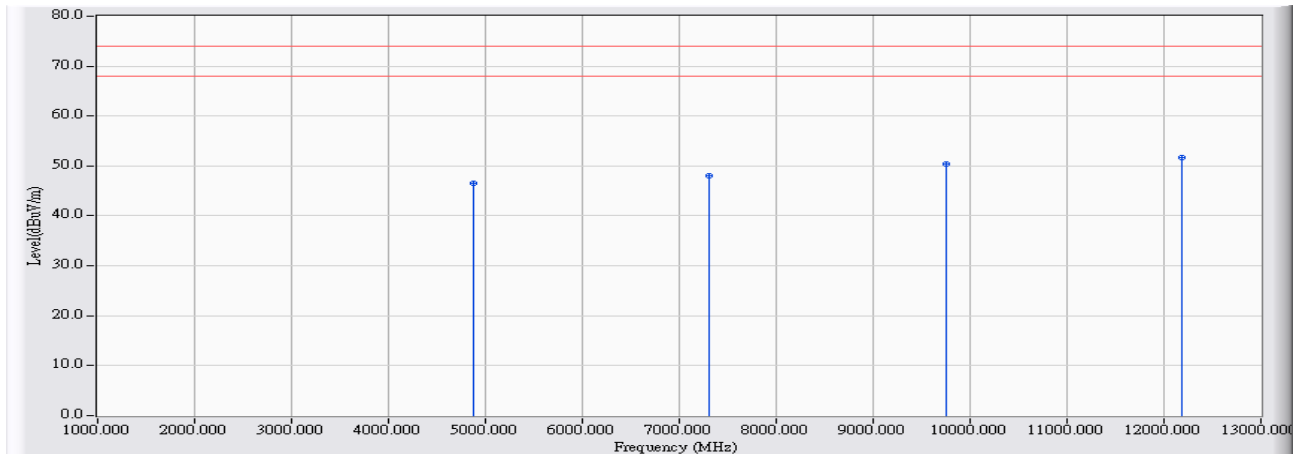


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4823.833	-0.071	51.400	51.330	-22.670	74.000	PEAK
2		7239.330	5.985	42.310	48.295	-25.705	74.000	PEAK
3		9647.950	7.700	41.890	49.590	-24.410	74.000	PEAK
4		12060.052	10.849	40.102	50.951	-23.049	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/01 - 17:41
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH6

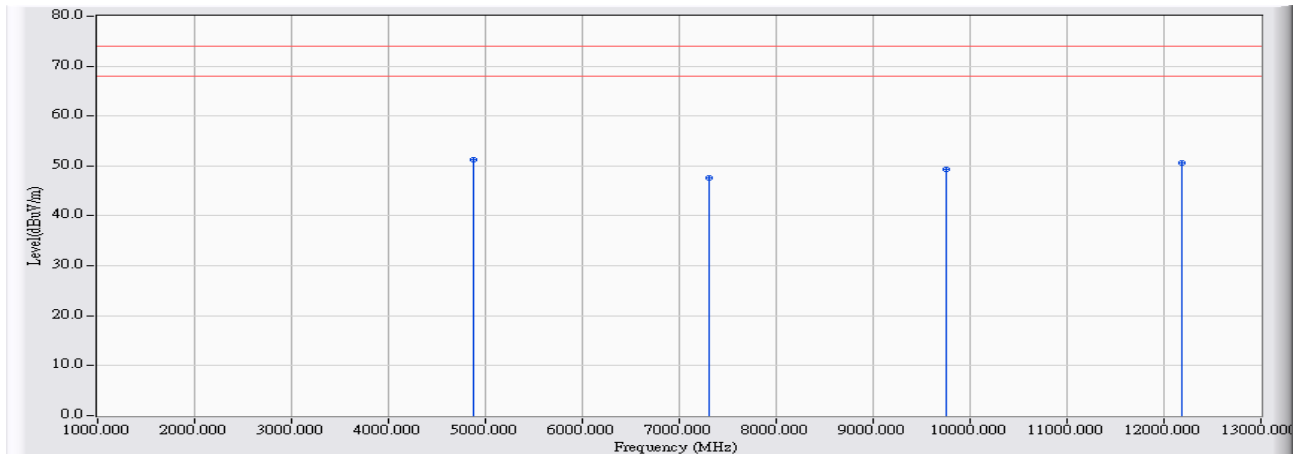


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4874.100	0.046	46.530	46.576	-27.424	74.000	PEAK
2		7314.000	6.424	41.560	47.984	-26.016	74.000	PEAK
3		9748.280	7.887	42.480	50.367	-23.633	74.000	PEAK
4	*	12185.270	11.462	40.216	51.678	-22.322	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/01 - 17:50
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH6

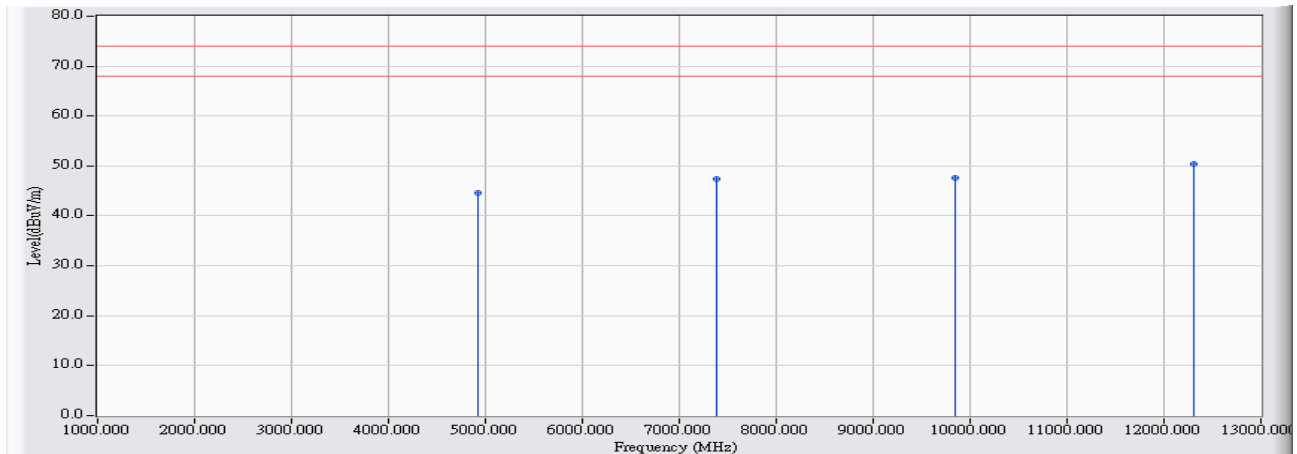


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4873.980	0.007	51.290	51.297	-22.703	74.000	PEAK
2		7307.920	6.172	41.500	47.672	-26.328	74.000	PEAK
3		9748.010	8.044	41.380	49.424	-24.576	74.000	PEAK
4		12185.240	10.378	40.230	50.608	-23.392	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/01 - 18:00
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - HORIZONTAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH11

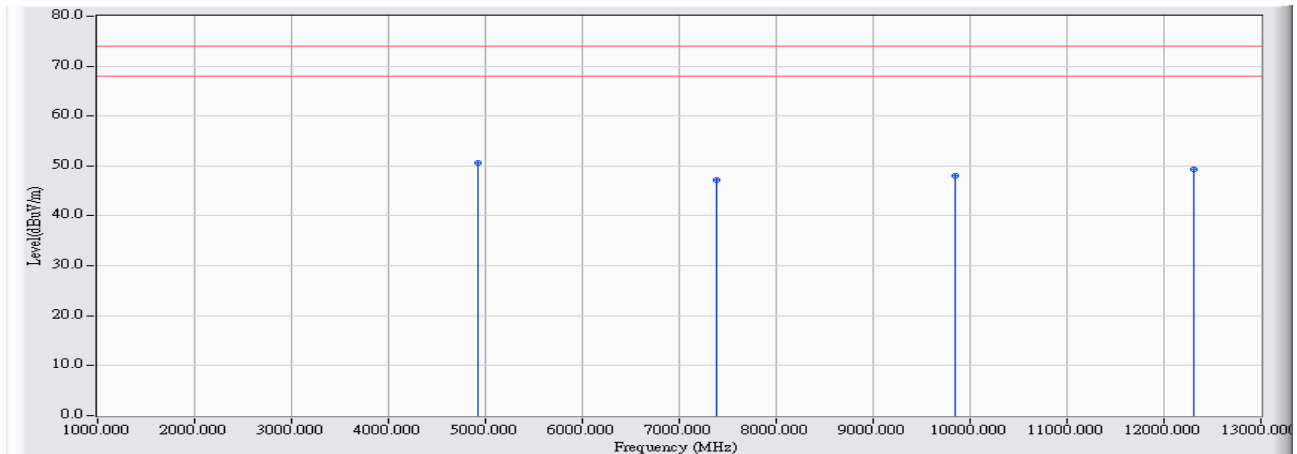


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4923.930	0.130	44.550	44.681	-29.319	74.000	PEAK
2		7382.000	6.908	40.480	47.388	-26.612	74.000	PEAK
3		9848.580	8.222	39.350	47.572	-26.428	74.000	PEAK
4	*	12310.140	10.456	40.011	50.466	-23.534	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/01 - 18:06
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_1-18G(2009-01) - VERTICAL	Power : AC 120V/60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX_B_CH11

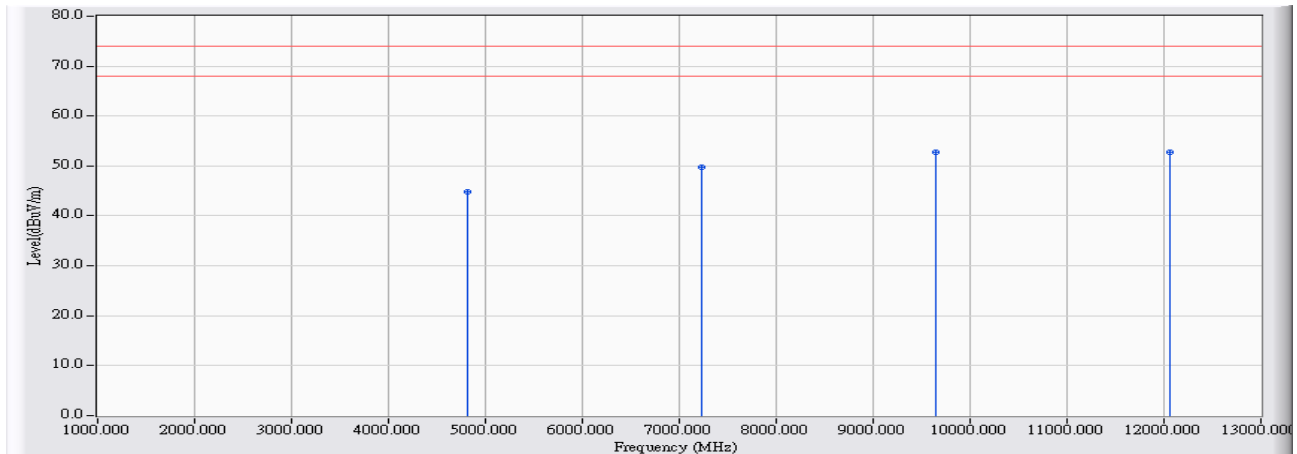


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	4923.950	0.142	50.410	50.552	-23.448	74.000	PEAK
2		7384.080	6.411	40.750	47.160	-26.840	74.000	PEAK
3		9848.150	8.329	39.720	48.049	-25.951	74.000	PEAK
4		12310.120	9.375	40.020	49.395	-24.605	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 14:18
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH1

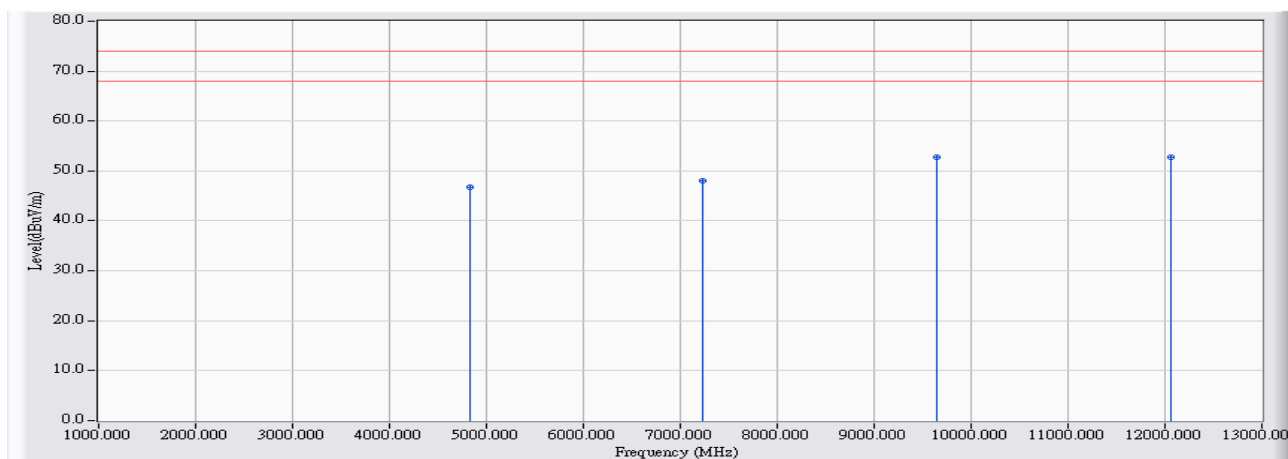


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4822.330	3.397	41.400	44.797	-29.203	74.000	PEAK
2		7235.670	9.881	39.880	49.761	-24.239	74.000	PEAK
3		9647.500	13.811	38.860	52.671	-21.329	74.000	PEAK
4	*	12059.170	18.623	34.190	52.813	-21.187	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 14:27
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH1

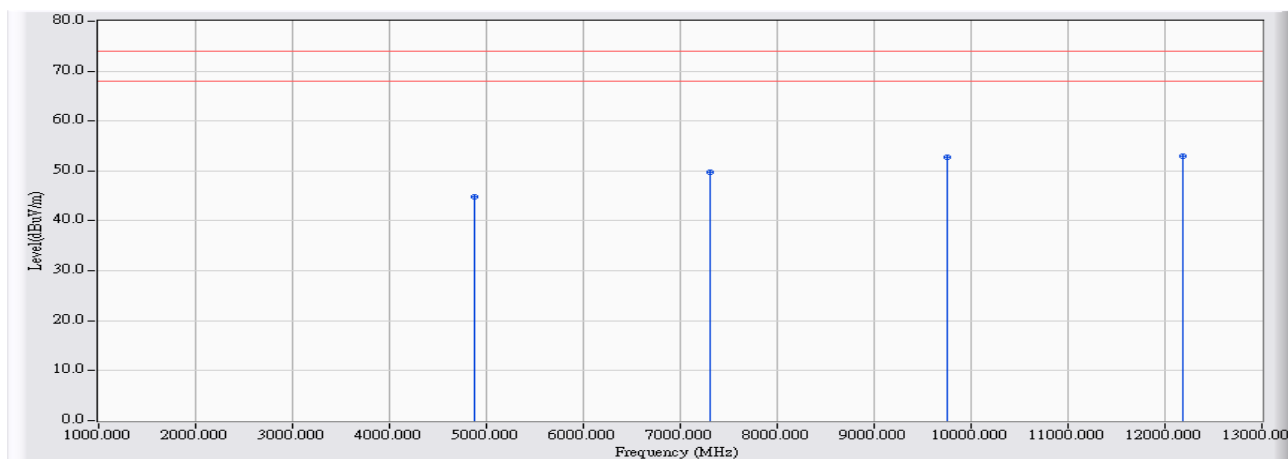


	Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	4823.160	5.539	41.270	46.809	-27.191	74.000	PEAK
2	7236.100	9.459	38.550	48.009	-25.991	74.000	PEAK
3	* 9647.690	13.917	38.940	52.857	-21.143	74.000	PEAK
4	12060.080	17.352	35.480	52.832	-21.168	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 14:48
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH6

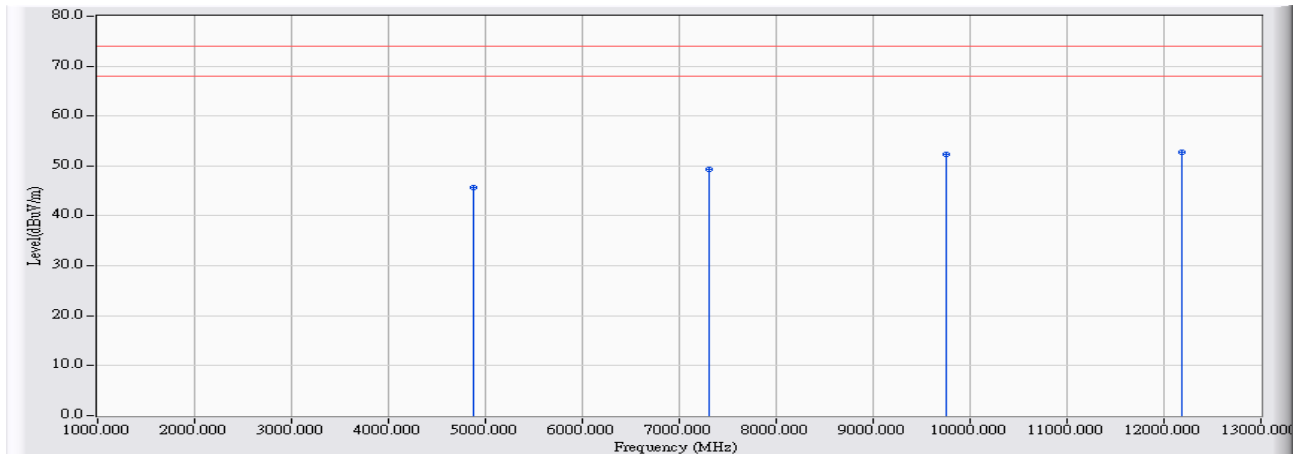


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4871.000	3.523	41.300	44.823	-29.177	74.000	PEAK
2		7314.330	10.242	39.440	49.682	-24.318	74.000	PEAK
3		9746.830	14.215	38.630	52.845	-21.155	74.000	PEAK
4	*	12183.380	18.128	34.770	52.897	-21.103	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 14:57
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH6

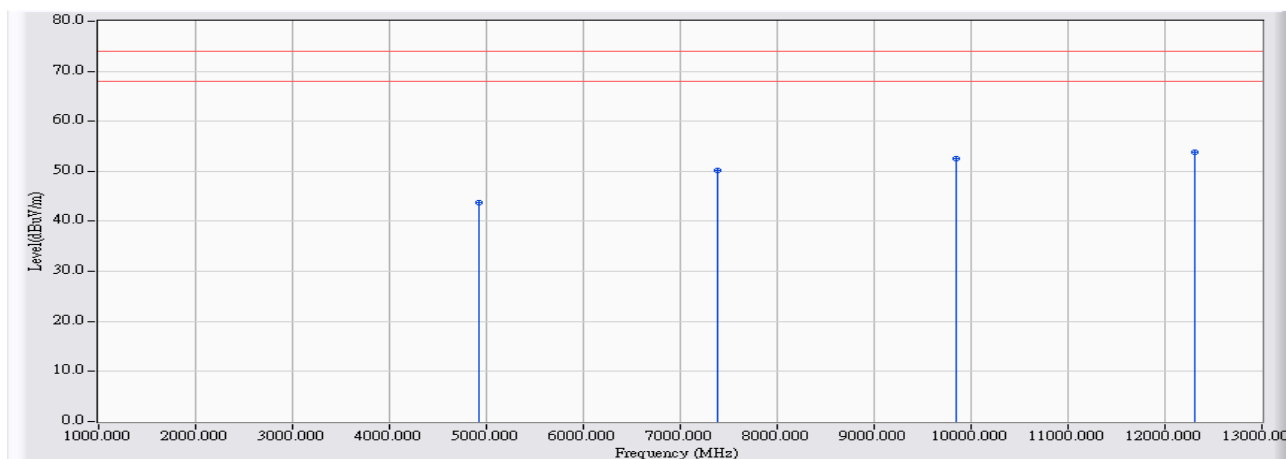


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4873.290	5.576	40.150	45.726	-28.274	74.000	PEAK
2		7314.280	9.610	39.630	49.240	-24.760	74.000	PEAK
3		9746.840	14.414	37.870	52.284	-21.716	74.000	PEAK
4	*	12183.210	17.130	35.710	52.839	-21.161	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 15:13
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH11

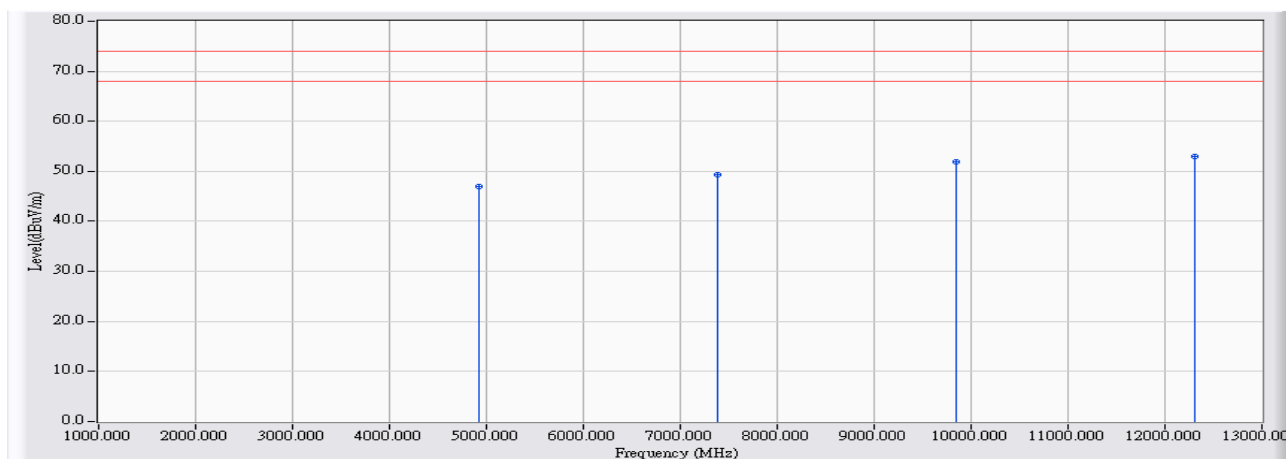


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4930.670	3.686	40.080	43.766	-30.234	74.000	PEAK
2		7384.000	10.572	39.700	50.272	-23.728	74.000	PEAK
3		9846.170	14.610	38.040	52.650	-21.350	74.000	PEAK
4	*	12310.130	17.632	36.140	53.772	-20.228	74.000	PEAK

Note:

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

Site : Site 2	Time : 2009/06/15 - 15:22
Limit : FCC_SpartC_15.247_H_03M_PK	Margin : 6
Probe : Site 2_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : TX-G_CH11



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		4930.370	5.609	41.400	47.009	-26.991	74.000	PEAK
2		7384.060	9.756	39.510	49.266	-24.734	74.000	PEAK
3		9846.370	14.914	36.980	51.894	-22.106	74.000	PEAK
4	*	12310.170	16.892	36.120	53.012	-20.988	74.000	PEAK

Note:

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

5. RF antenna conducted test

5.1. Test Equipment

The following test equipments are used during the test:

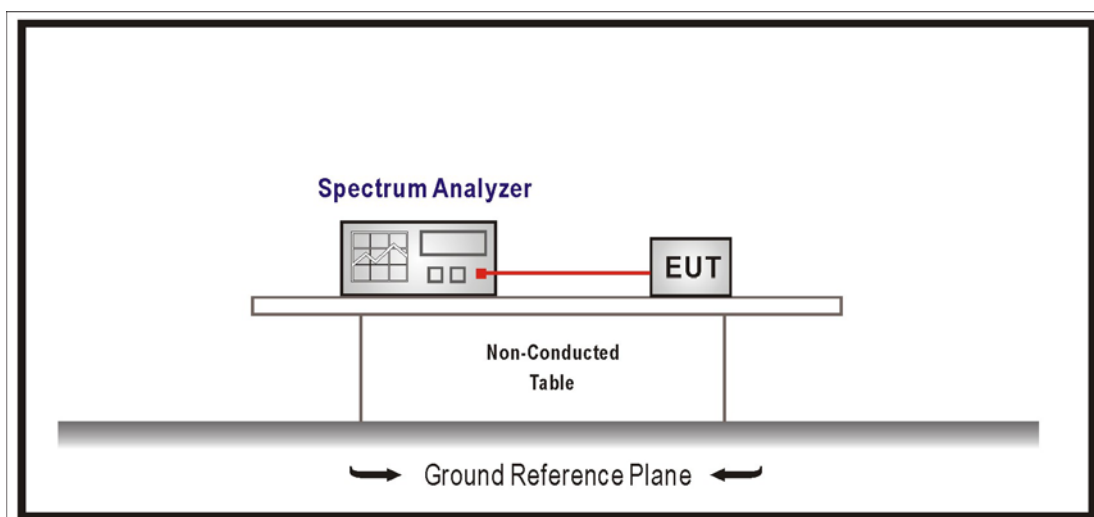
RF Conducted Measurement:				
Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Jan., 2009
2	No.1 OATS			Sep., 2008

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

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

5.2. Test Setup

RF Antenna Conducted Measurement:



5.3. Limits

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

5.4. Test Procedure

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

5.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

5.6. Uncertainty

The measurement uncertainty

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

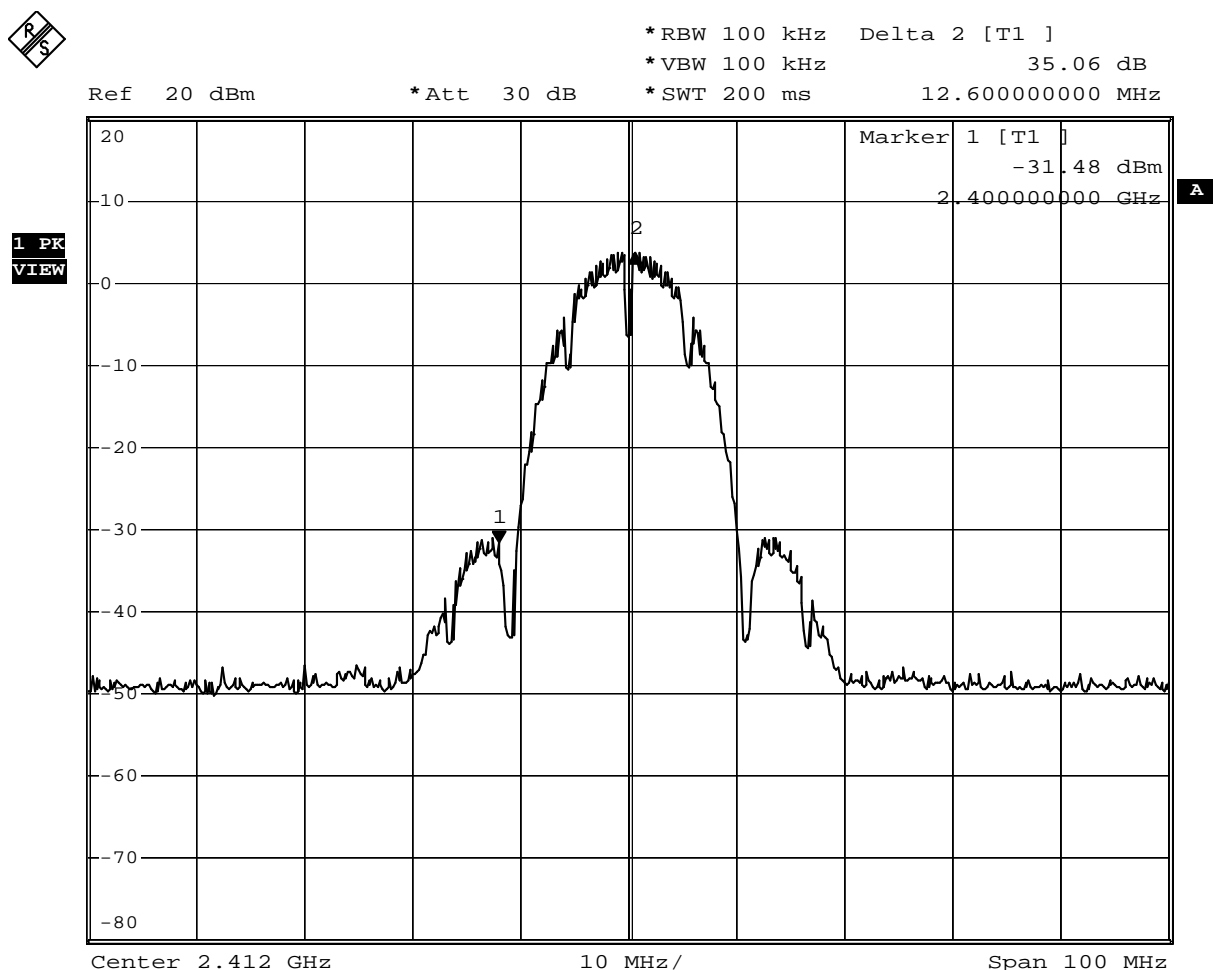
Radiated is defined as $\pm 3.9\text{dB}$

5.7. Test Result

Product	DIGITAL MEDIA FRAME		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11b, Antenna Gain: 3.26dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	35.06	≥ 30	Pass
11	2462	52.63	≥ 30	Pass

Channel 01 (2412MHz)



Date: 16.JUN.2009 11:43:19

Channel 11 (2462MHz)



*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz 52.63 dB
 *SWT 200 ms -22.100000000 MHz

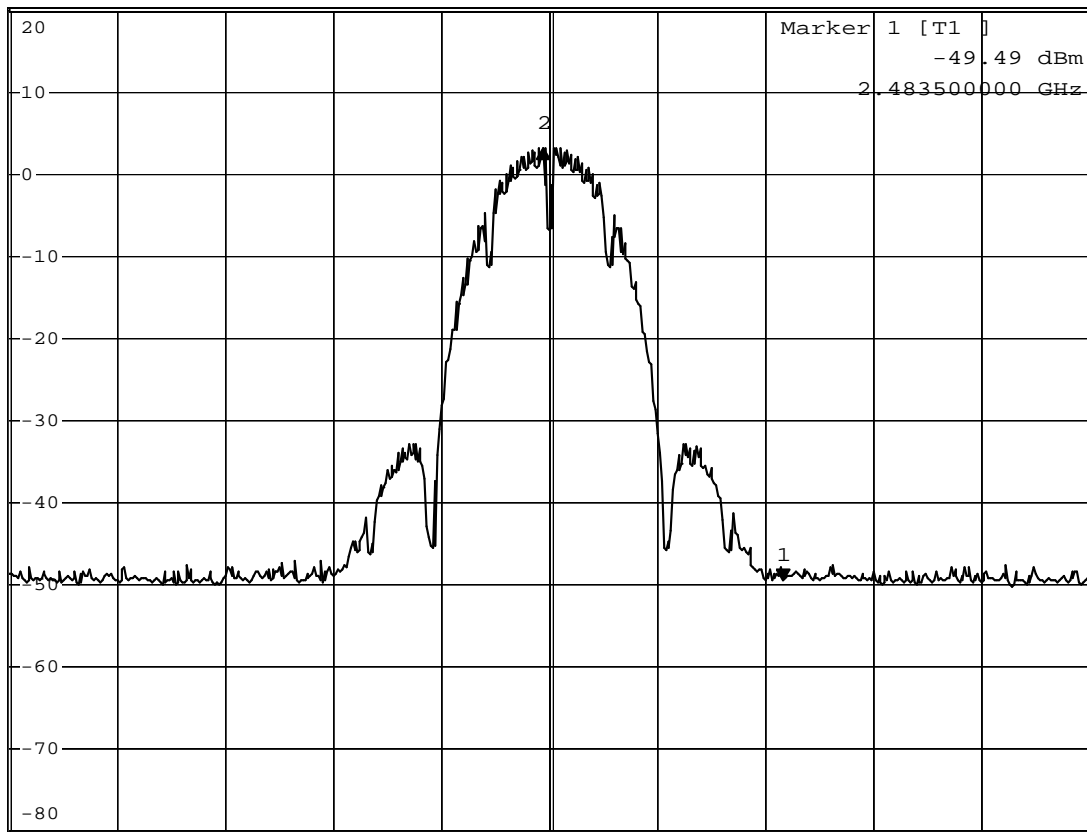
Ref 20 dBm

*Att 30 dB

*SWT 200 ms

-22.100000000 MHz

1 PK
VIEW



Center 2.462 GHz

10 MHz/

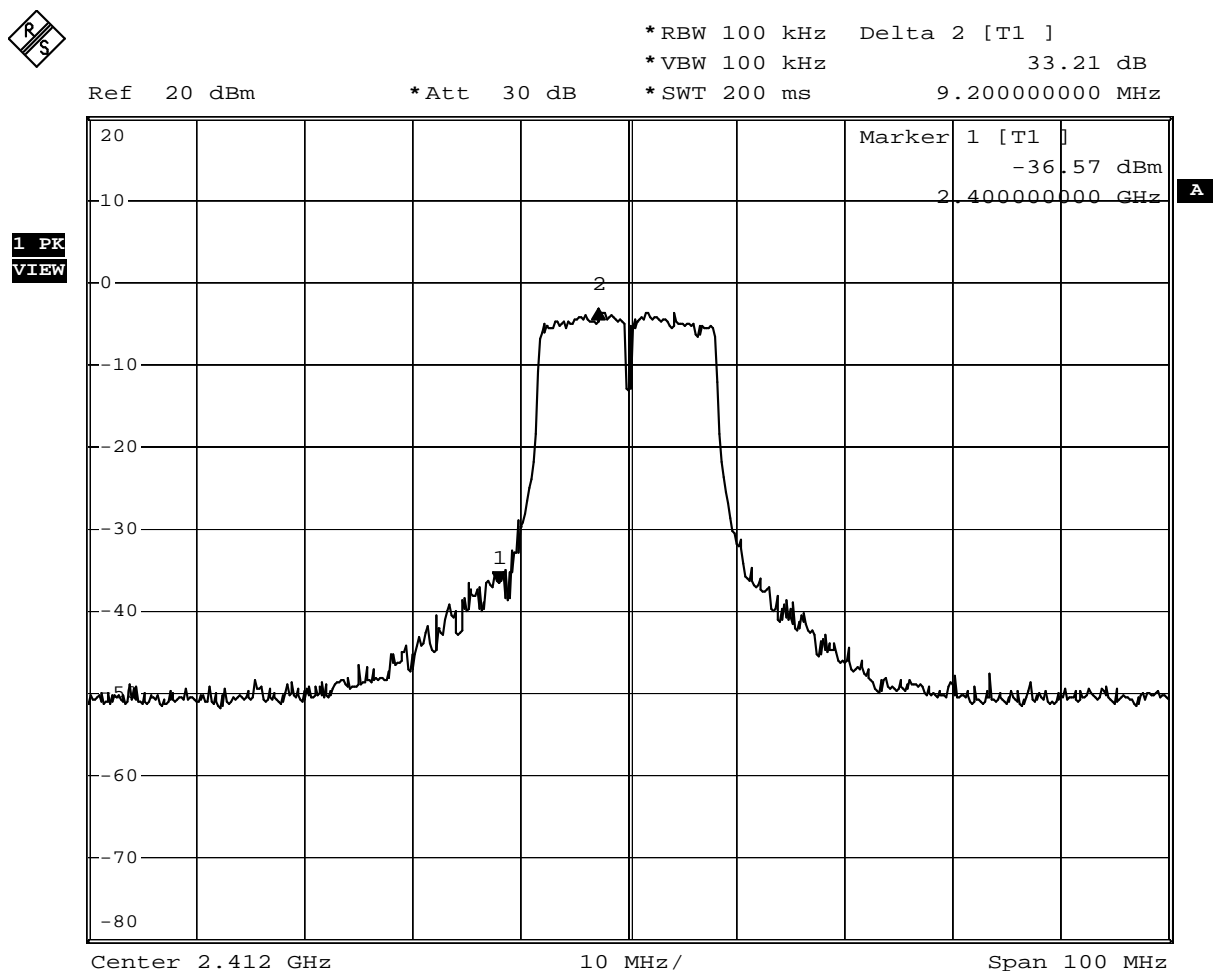
Span 100 MHz

Date: 16.JUN.2009 11:56:16

Product	DIGITAL MEDIA FRAME		
Test Item	RF antenna conducted test		
Test Mode	Transmit		
Date of Test	2006/06/16	Test Site	No.1 OATS

IEEE 802.11g, Antenna Gain: 3.26dBi, Duty Cycle: 1				
Channel No.	Frequency (MHz)	Measure Level (dBc)	Limit (dBc)	Result
1	2412	33.21	≥ 30	Pass
11	2462	43.55	≥ 30	Pass

Channel 01 (2412MHz)



Date: 16.JUN.2009 12:38:22

Channel 11 (2462MHz)



*RBW 100 kHz Delta 2 [T1]
 *VBW 100 kHz 43.55 dB
 *SWT 200 ms -24.30000000 MHz

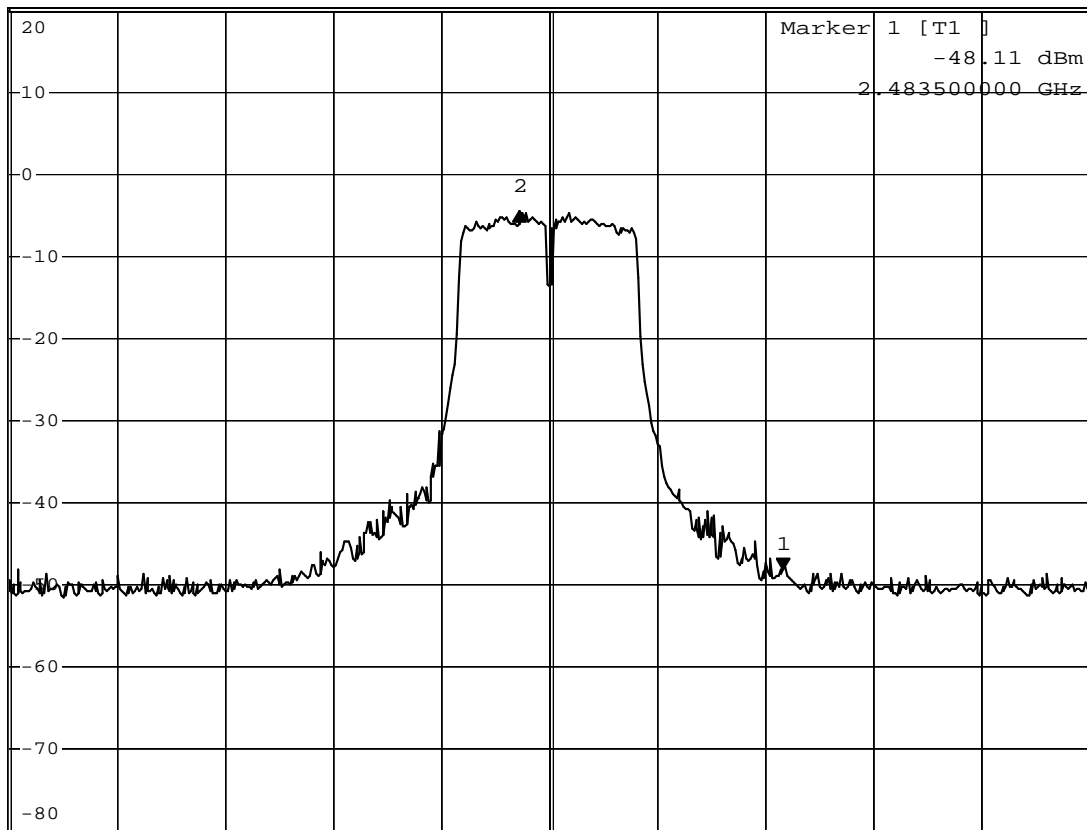
Ref 20 dBm

*Att 30 dB

*SWT 200 ms

-24.30000000 MHz

1 PK
VIEW



Center 2.462 GHz

10 MHz/

Span 100 MHz

Date: 16.JUN.2009 12:43:48

6. Band Edge

6.1. Test Equipment

The following test equipments are used during the test:

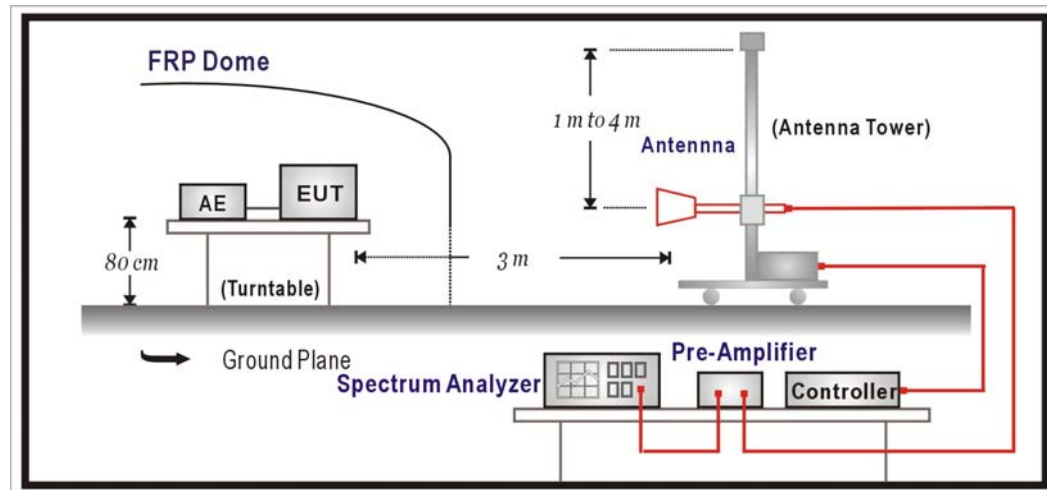
RF Radiated Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2008
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2009
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2008
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2008
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2008
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2008
7	No.1 OATS				Sep., 2008

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

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

6.2. Test Setup

RF Radiated Measurement:



6.3. Limits

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

6.4. Test Procedure

The EUT was setup according to ANSI C63.4, 2003 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements. The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

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

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

6.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2008

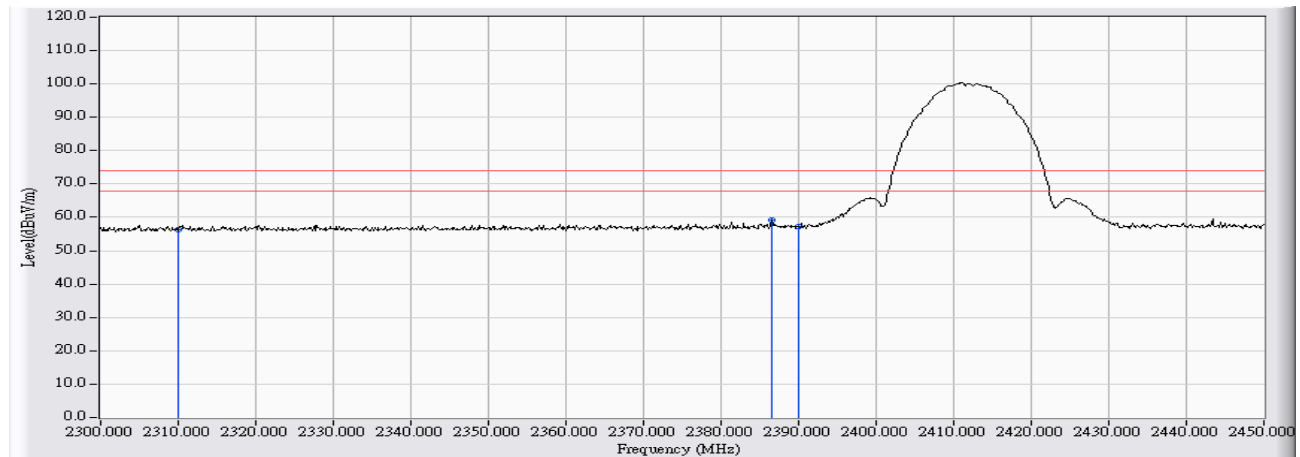
6.6. Uncertainty

The measurement uncertainty
 ± 3.9 dB above 1GHz

6.7. Test Result

Radiated is defined as

Site : Site 1	Time : 2009/06/15 - 15:58
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH1

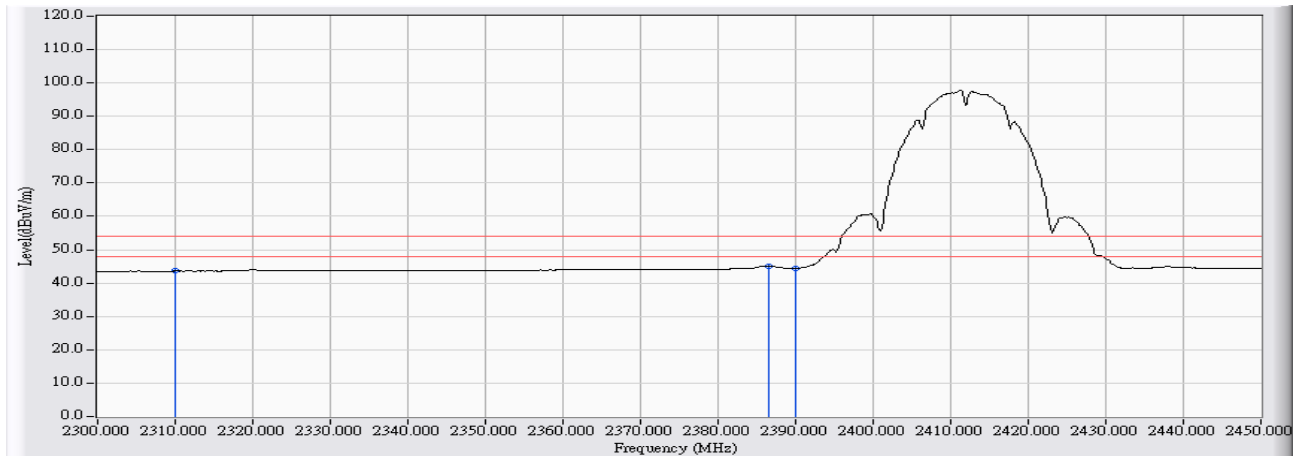


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	31.658	24.506	56.163	-17.837	74.000	PEAK
2	*	2386.550	32.019	27.033	59.052	-14.948	74.000	PEAK
3		2390.000	32.036	25.258	57.294	-16.706	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 15:58
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH1

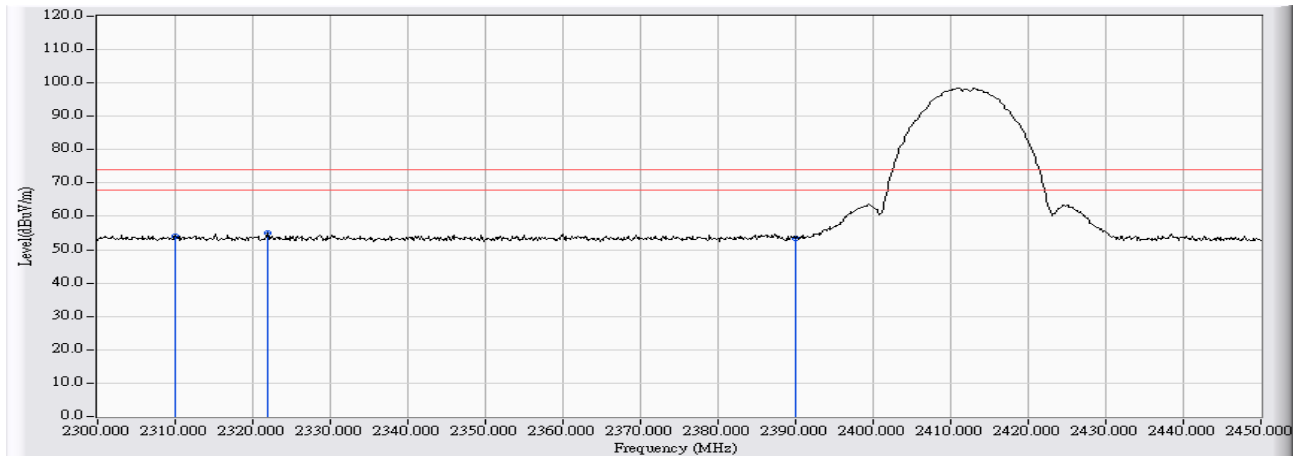


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	31.658	11.946	43.603	-10.397	54.000	AVERAGE
2	*	2386.550	32.019	13.074	45.093	-8.907	54.000	AVERAGE
3		2390.000	32.036	12.321	44.357	-9.643	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:03
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH1

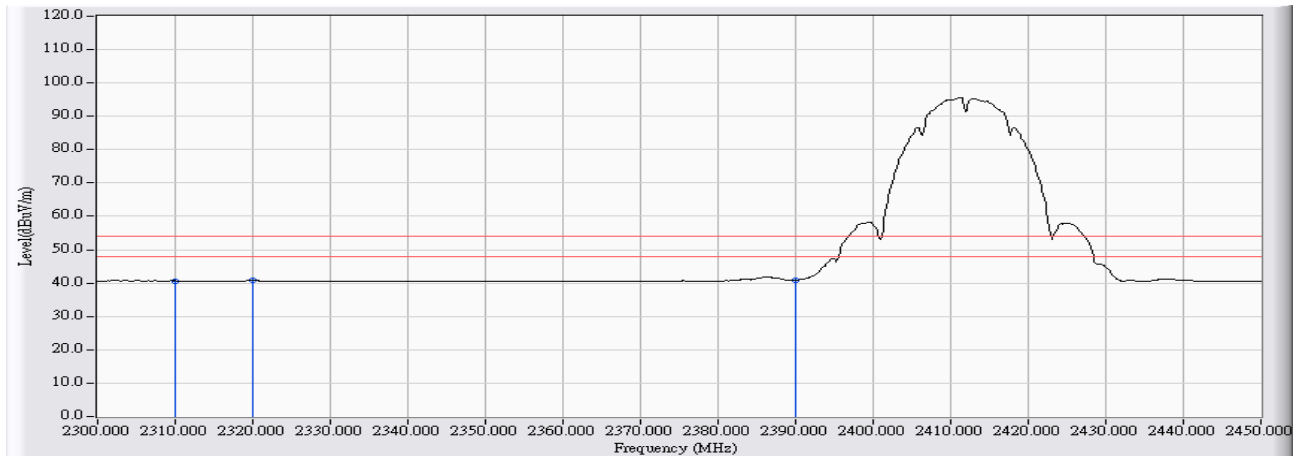


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.738	25.434	54.171	-19.829	74.000	PEAK
2	*	2321.900	28.692	26.457	55.149	-18.851	74.000	PEAK
3		2390.000	28.470	25.092	53.562	-20.438	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:05
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH1

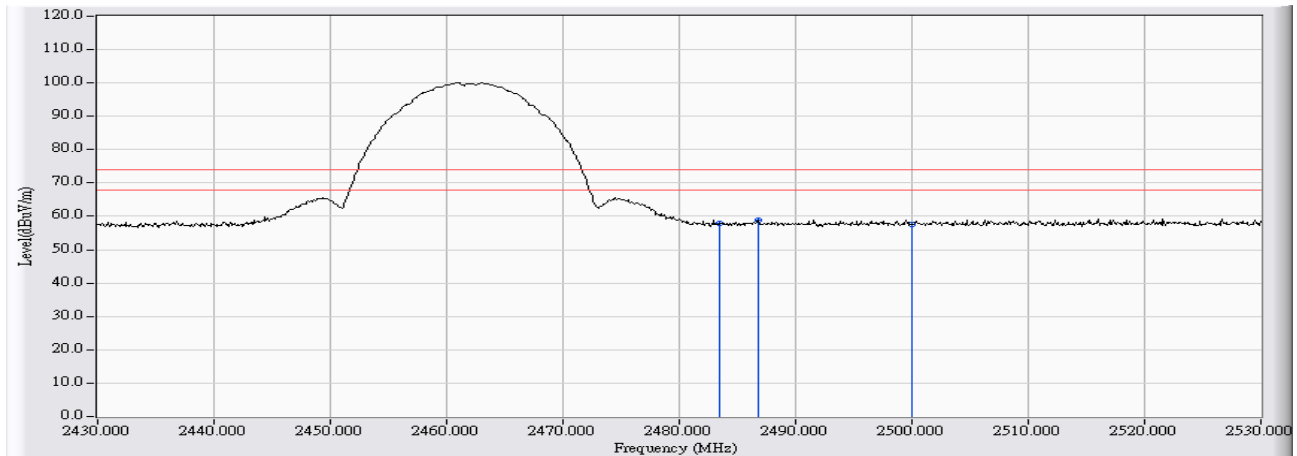


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.738	11.960	40.697	-13.303	54.000	AVERAGE
2	*	2319.950	28.699	12.270	40.969	-13.031	54.000	AVERAGE
3		2390.000	28.470	12.370	40.840	-13.160	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:19
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH11

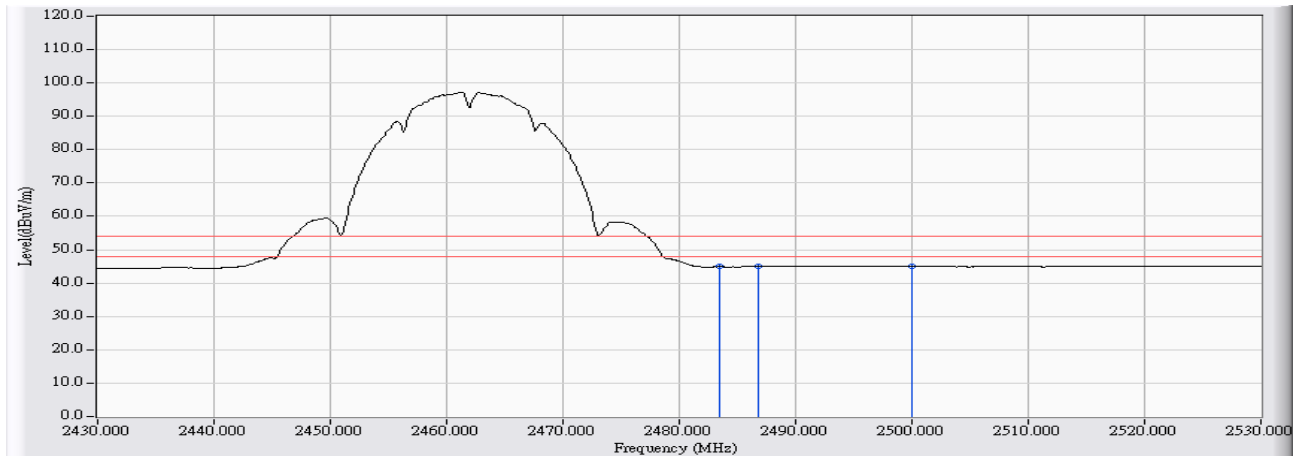


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	32.480	25.489	57.969	-16.031	74.000	PEAK
2	*	2486.800	32.496	26.304	58.800	-15.200	74.000	PEAK
3		2500.000	32.557	24.892	57.450	-16.550	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:20
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH11

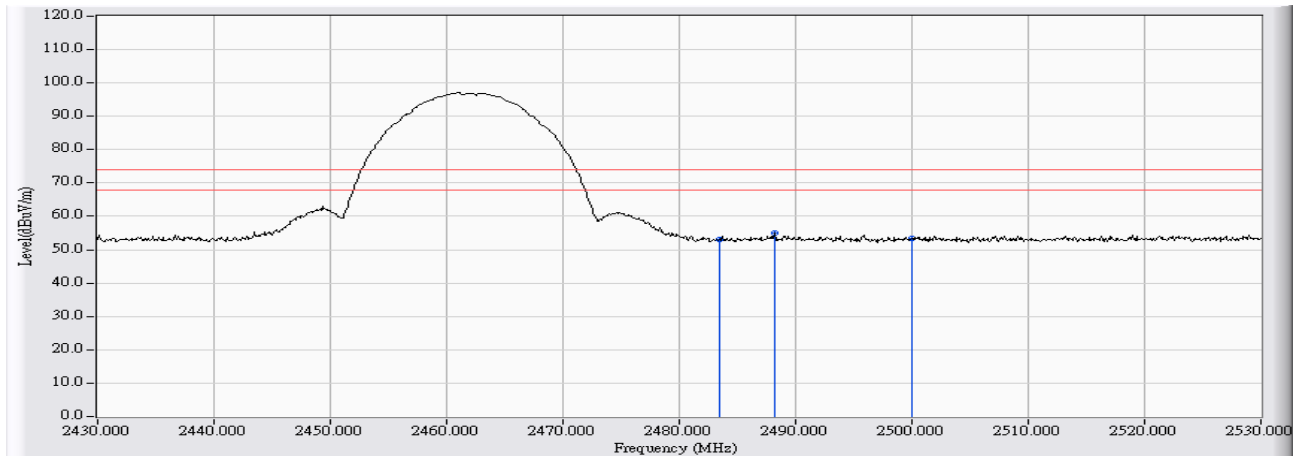


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	32.480	12.413	44.893	-9.107	54.000	AVERAGE
2	*	2486.800	32.496	12.518	45.014	-8.986	54.000	AVERAGE
3		2500.000	32.557	12.365	44.923	-9.077	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:23
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH11

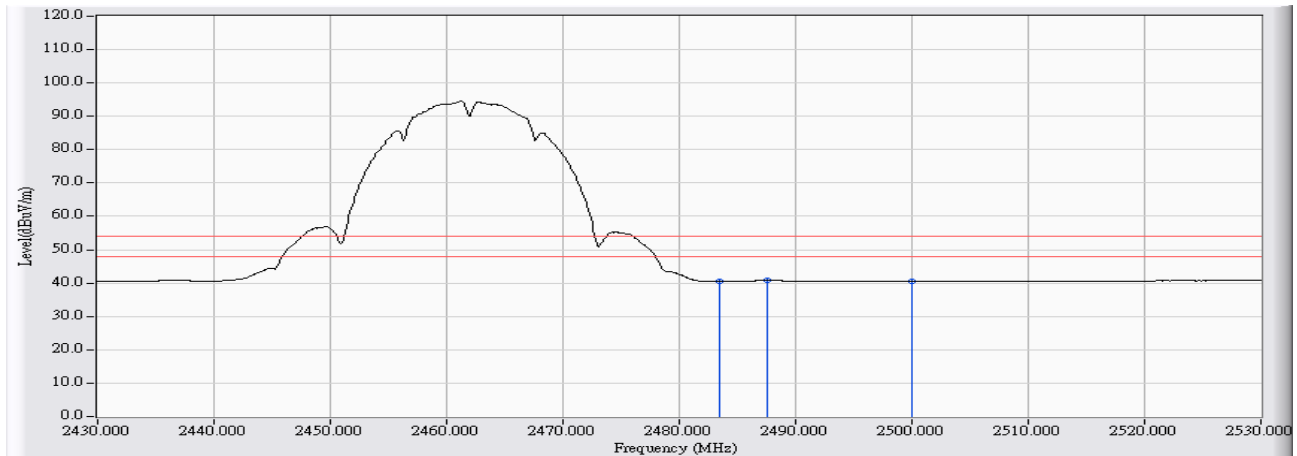


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.156	24.769	52.924	-21.076	74.000	PEAK
2	*	2488.200	28.137	26.788	54.925	-19.075	74.000	PEAK
3		2500.000	28.142	25.214	53.356	-20.644	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 16:27
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-B_CH11

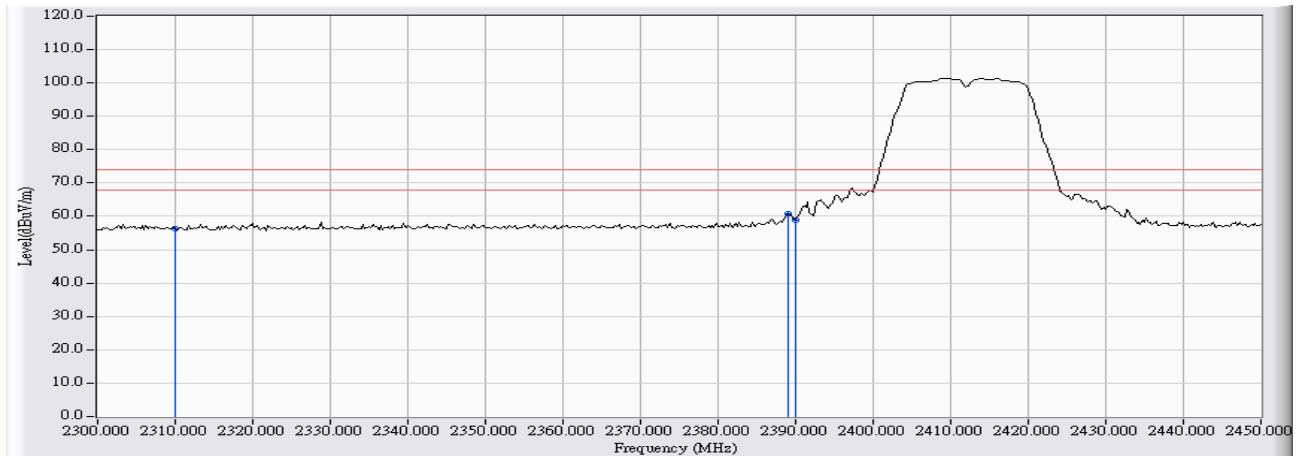


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.156	12.470	40.625	-13.375	54.000	AVERAGE
2	*	2487.500	28.140	12.658	40.798	-13.202	54.000	AVERAGE
3		2500.000	28.142	12.400	40.542	-13.458	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 13:55
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH1

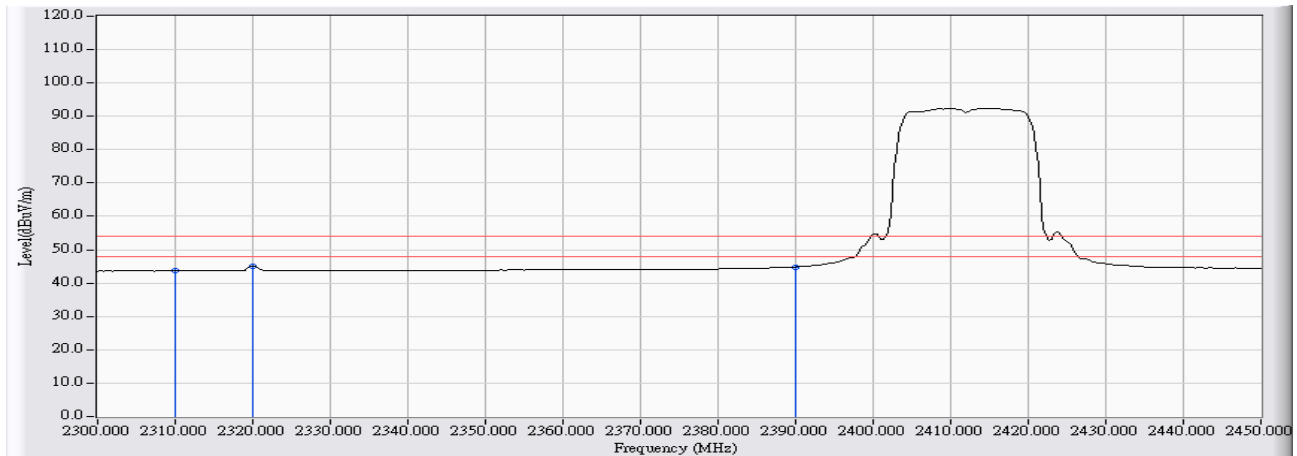


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	31.658	24.668	56.325	-17.675	74.000	PEAK
2	*	2389.000	32.031	28.744	60.775	-13.225	74.000	PEAK
3		2390.000	32.036	26.750	58.786	-15.214	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 13:56
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH1

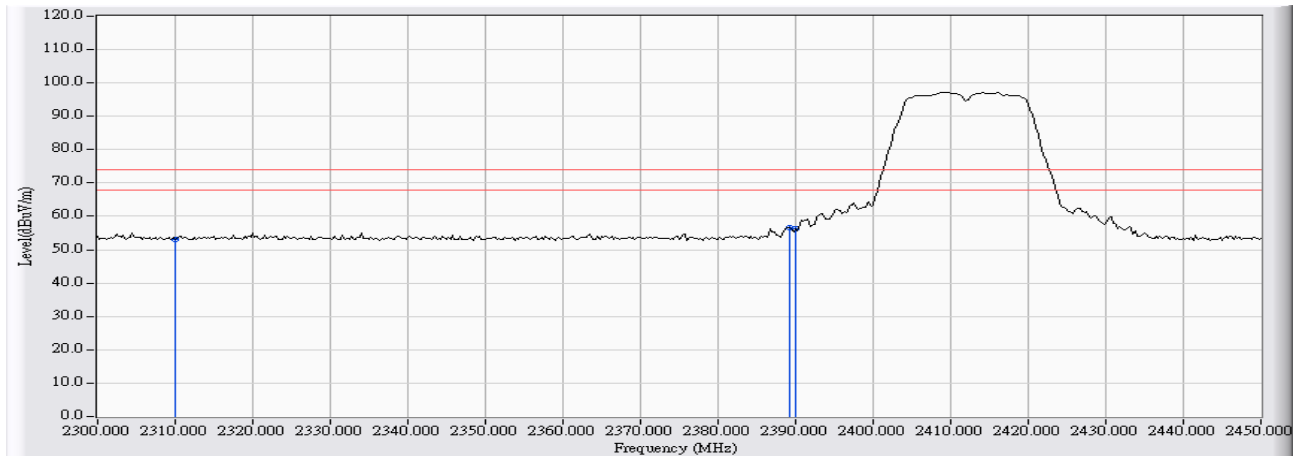


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	31.658	11.973	43.630	-10.370	54.000	AVERAGE
2	*	2320.000	31.705	13.466	45.172	-8.828	54.000	AVERAGE
3		2390.000	32.036	12.836	44.872	-9.128	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 14:01
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH1

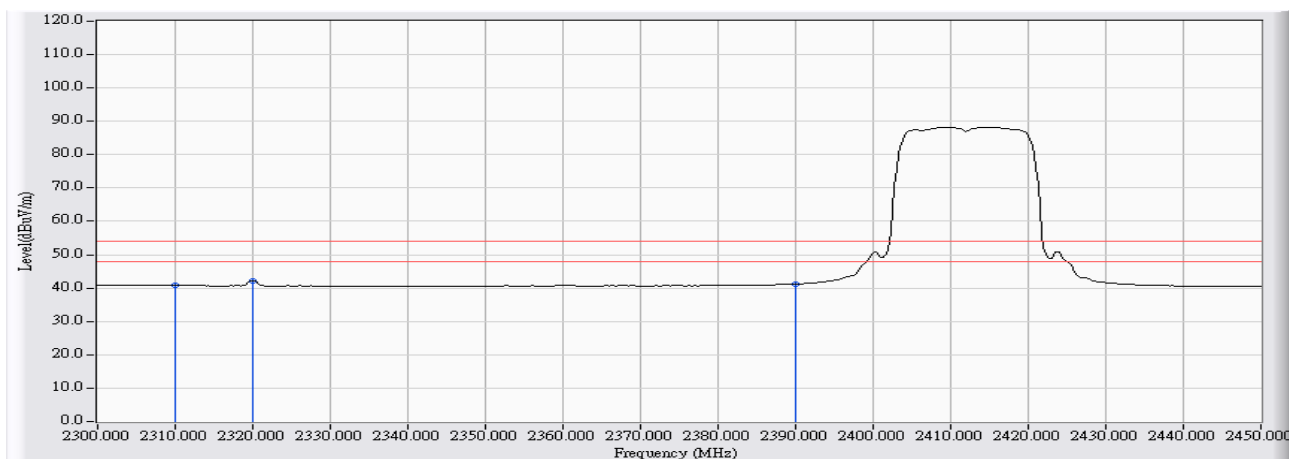


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.738	24.481	53.218	-20.782	74.000	PEAK
2	*	2389.250	28.472	28.287	56.759	-17.241	74.000	PEAK
3		2390.000	28.470	27.703	56.173	-17.827	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 14:02
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH1

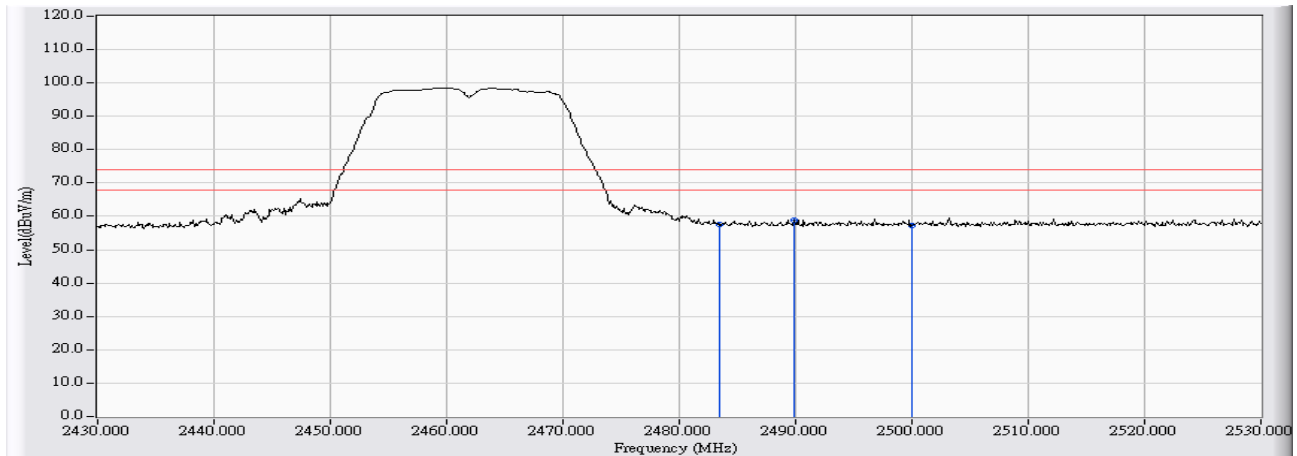


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.738	12.003	40.740	-13.260	54.000	AVERAGE
2	*	2320.000	28.699	13.386	42.085	-11.915	54.000	AVERAGE
3		2390.000	28.470	12.730	41.200	-12.800	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 15:39
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH11

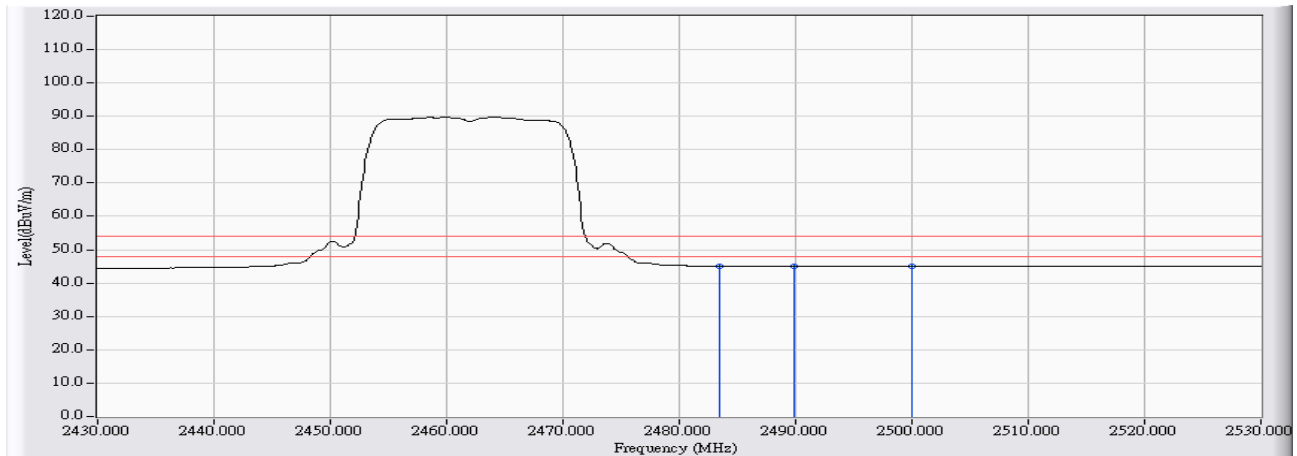


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	32.480	25.102	57.582	-16.418	74.000	PEAK
2	*	2489.900	32.511	26.469	58.980	-15.020	74.000	PEAK
3		2500.000	32.557	24.547	57.105	-16.895	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 15:40
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - HORIZONTAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH11

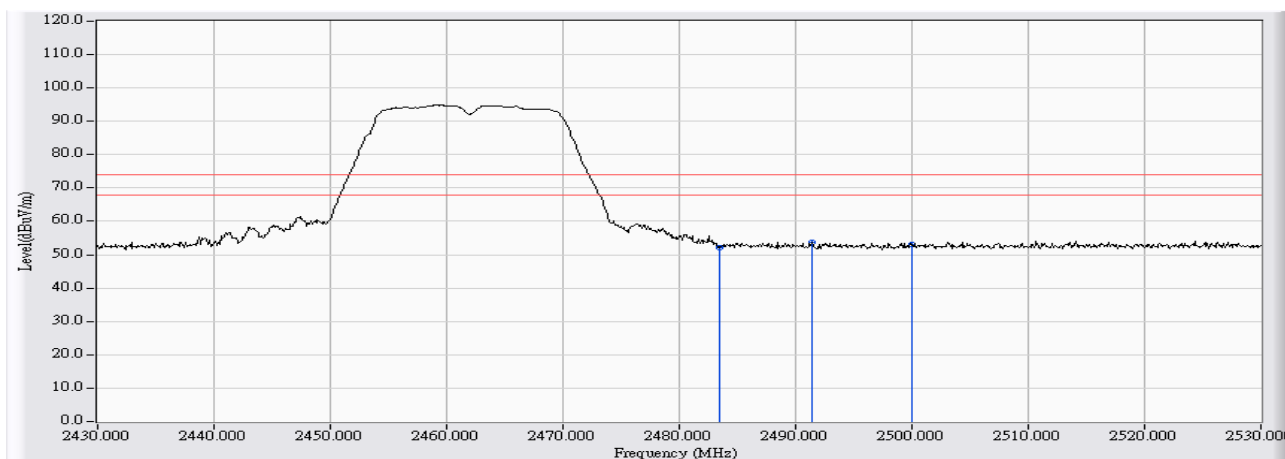


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	32.480	12.538	45.018	-8.982	54.000	AVERAGE
2		2489.900	32.511	12.461	44.972	-9.028	54.000	AVERAGE
3		2500.000	32.557	12.410	44.968	-9.032	54.000	AVERAGE

Note:

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

Site : Site 1	Time : 2009/06/15 - 15:32
Limit : FCC_SpartC_15.209_03M_PK	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH11

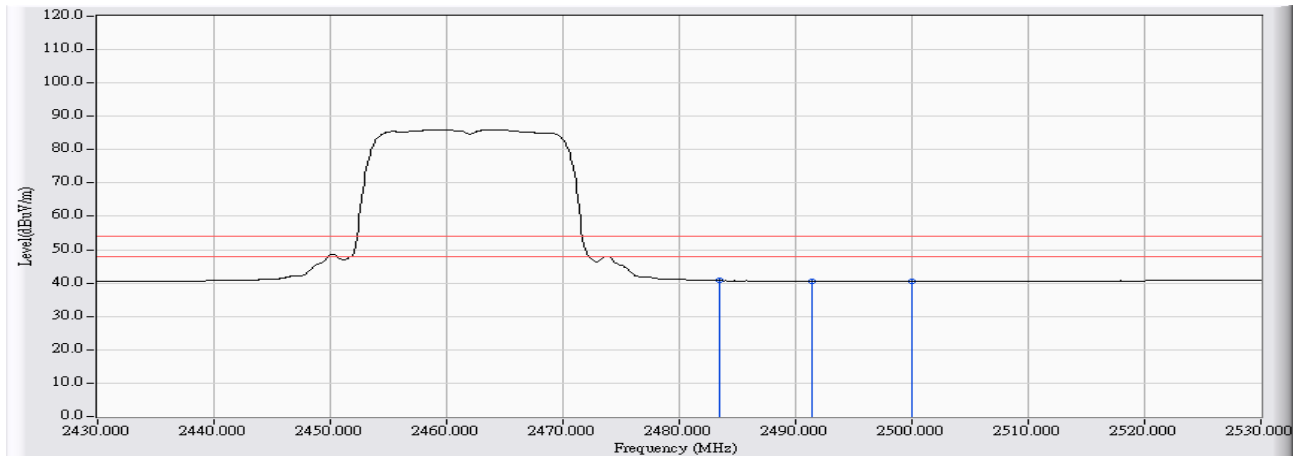


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.156	23.929	52.084	-21.916	74.000	PEAK
2	*	2491.400	28.125	25.643	53.768	-20.232	74.000	PEAK
3		2500.000	28.142	24.835	52.977	-21.023	74.000	PEAK

Note:

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

Site : Site 1	Time : 2009/06/15 - 15:33
Limit : FCC_SpartC_15.209_03M_AV	Margin : 6
Probe : Site 1_FCC_EFS_1-18G(2009-06) - VERTICAL	Power : AC 120V / 60Hz
EUT : DIGITAL MEDIA FRAME	Note : BandEdge_TX-G_CH11



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.156	12.577	40.732	-13.268	54.000	AVERAGE
2		2491.400	28.125	12.449	40.574	-13.426	54.000	AVERAGE
3		2500.000	28.142	12.444	40.586	-13.414	54.000	AVERAGE

Note:

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

7. Occupied Bandwidth

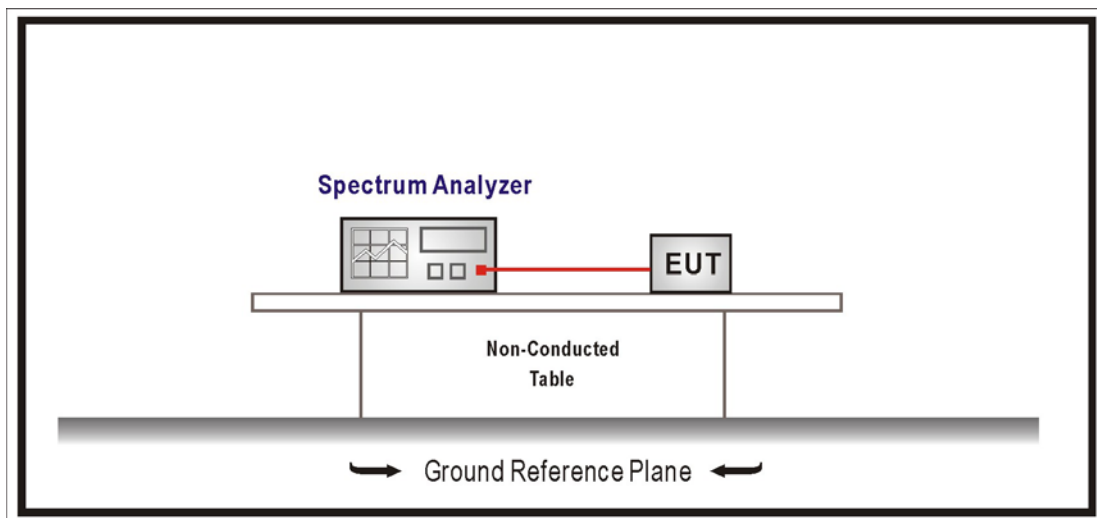
7.1. Test Equipment

The following test equipments are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Jan., 2009
2	No.1 OATS			Sep., 2008

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

7.2. Test Setup



7.3. Test Procedures

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW = 100 kHz, Span greater than RBW.

7.4. Limits

The 6 dB bandwidth must be greater than 500 kHz.

7.5. Uncertainty

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

7.6. Test Result

Product	DIGITAL MEDIA FRAME		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

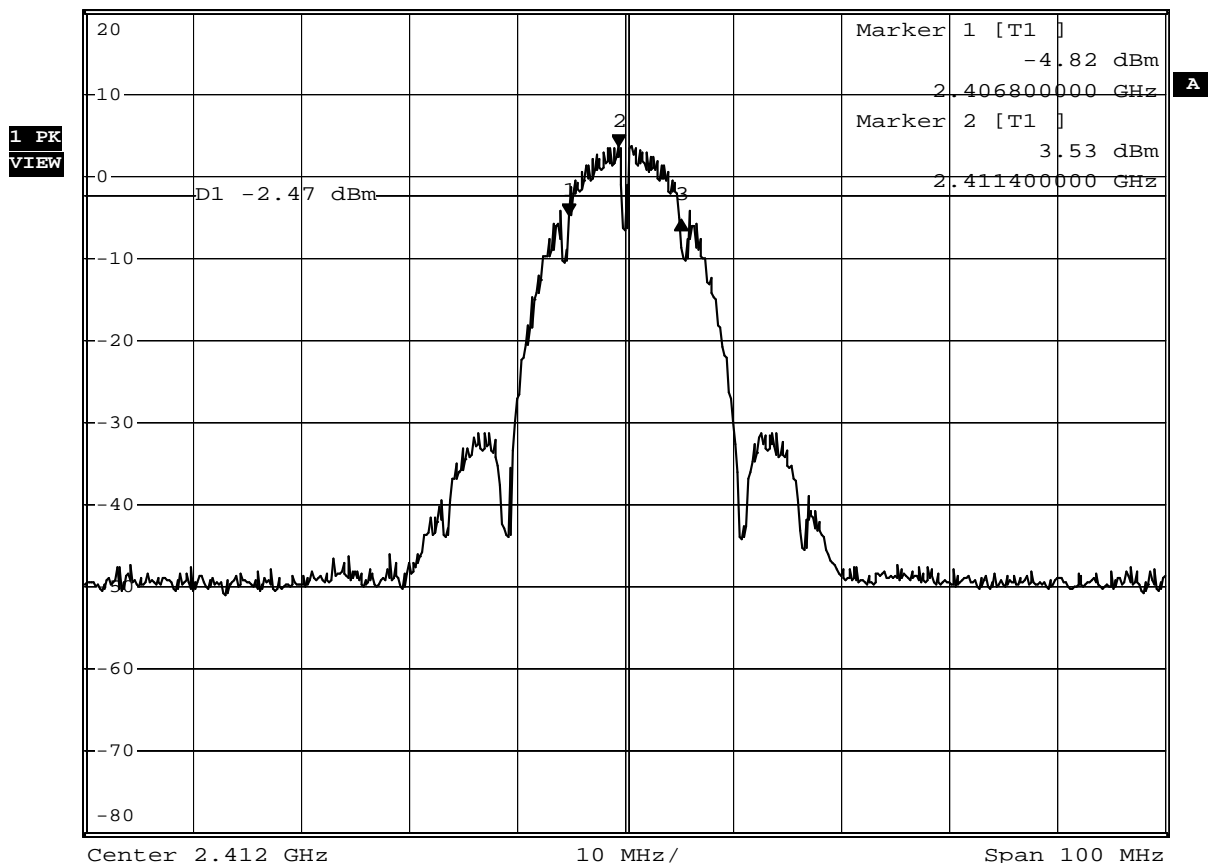
802.11 b

Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	10400	≥ 500	Pass
6	2437.00	10400	≥ 500	Pass
11	2462.00	10400	≥ 500	Pass

Channel 1



Ref 20 dBm * Att 30 dB * RBW 100 kHz Delta 3 [T1]
 * VBW 100 kHz -0.39 dB
 * SWT 200 ms 10.400000000 MHz



Date: 16.JUN.2009 11:46:19

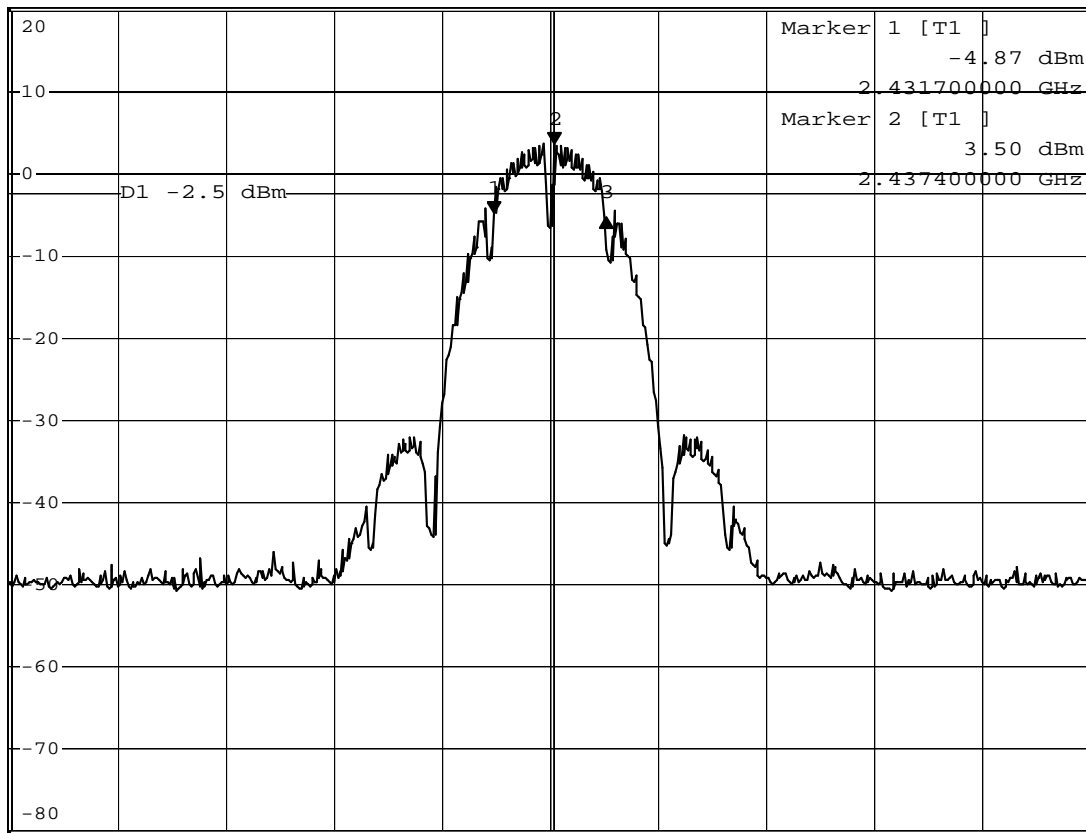
Channel 6



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz -0.45 dB

Ref 20 dBm *Att 30 dB *SWT 200 ms 10.50000000 MHz

1 PK
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

Date: 16.JUN.2009 12:03:23

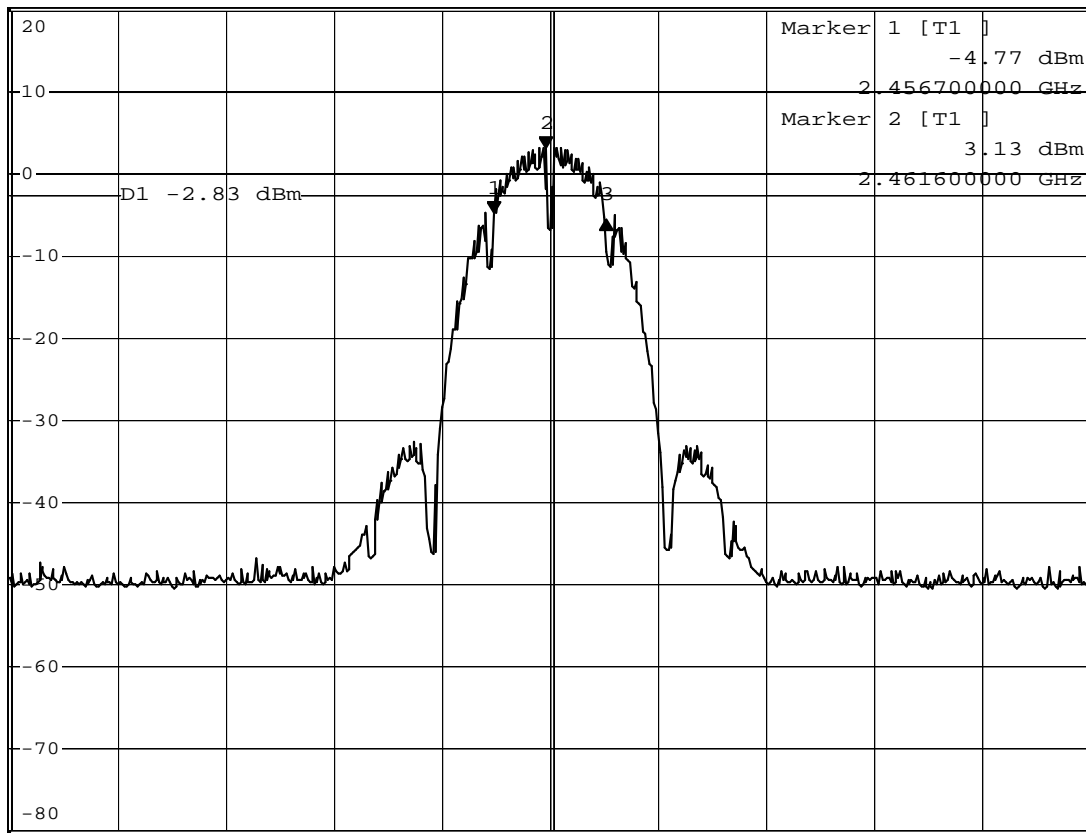
Channel 11



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz -0.82 dB

Ref 20 dBm *Att 30 dB *SWT 200 ms 10.50000000 MHz

1 PK
VIEW



Center 2.462 GHz 10 MHz/ Span 100 MHz

Date: 16.JUN.2009 11:57:52

Product	DIGITAL MEDIA FRAME		
Test Item	Occupied Bandwidth		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measurement Level (kHz)	Required Limit (kHz)	Result
1	2412.00	16800	≥ 500	Pass
6	2437.00	16800	≥ 500	Pass
11	2462.00	16800	≥ 500	Pass

Channel 1

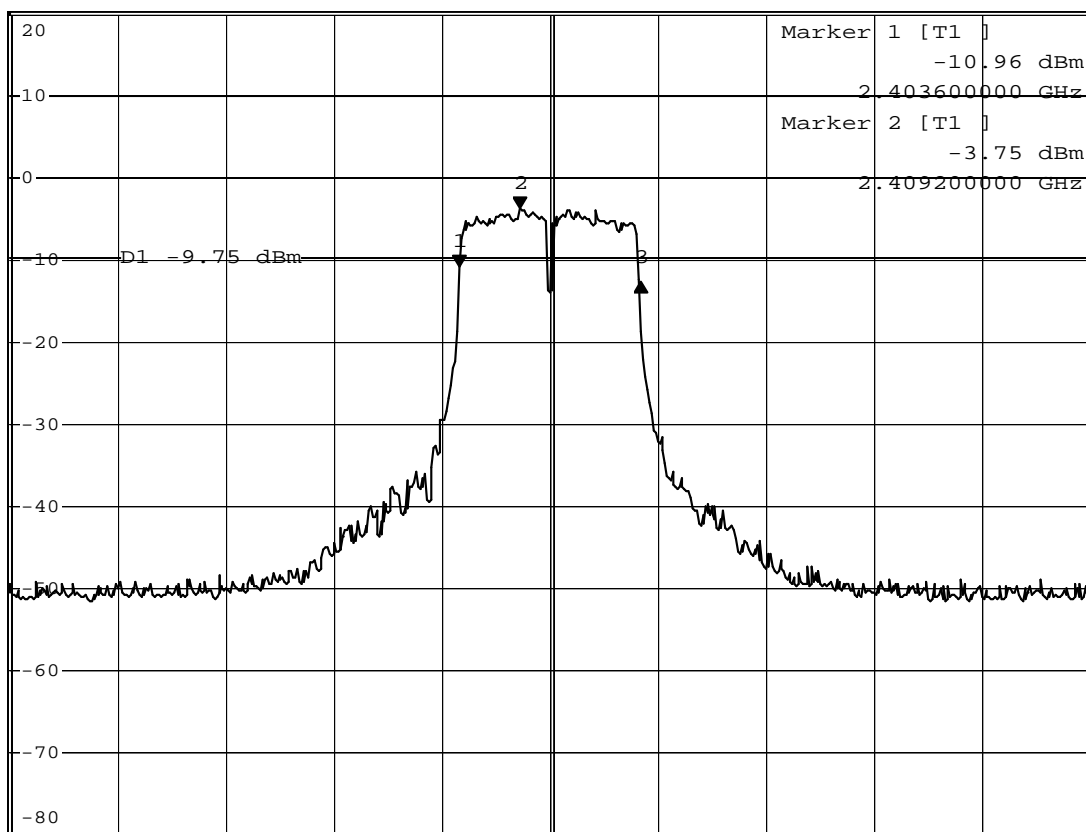


*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz -1.71 dB
 *SWT 200 ms 16.800000000 MHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.412 GHz

10 MHz/

Span 100 MHz

Date: 16.JUN.2009 12:40:15

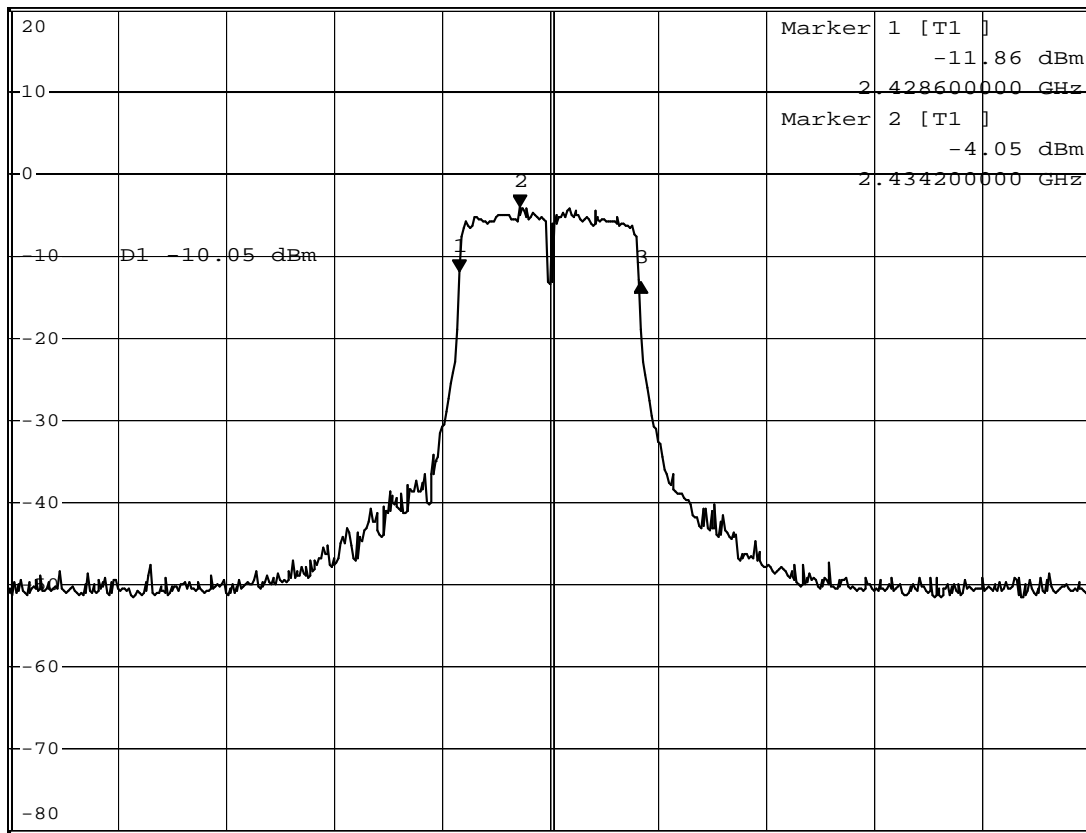
Channel 6



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz -1.34 dB

Ref 20 dBm *Att 30 dB *SWT 200 ms 16.800000000 MHz

1 PK
VIEW



Center 2.437 GHz 10 MHz/ Span 100 MHz

Date: 16.JUN.2009 12:42:09

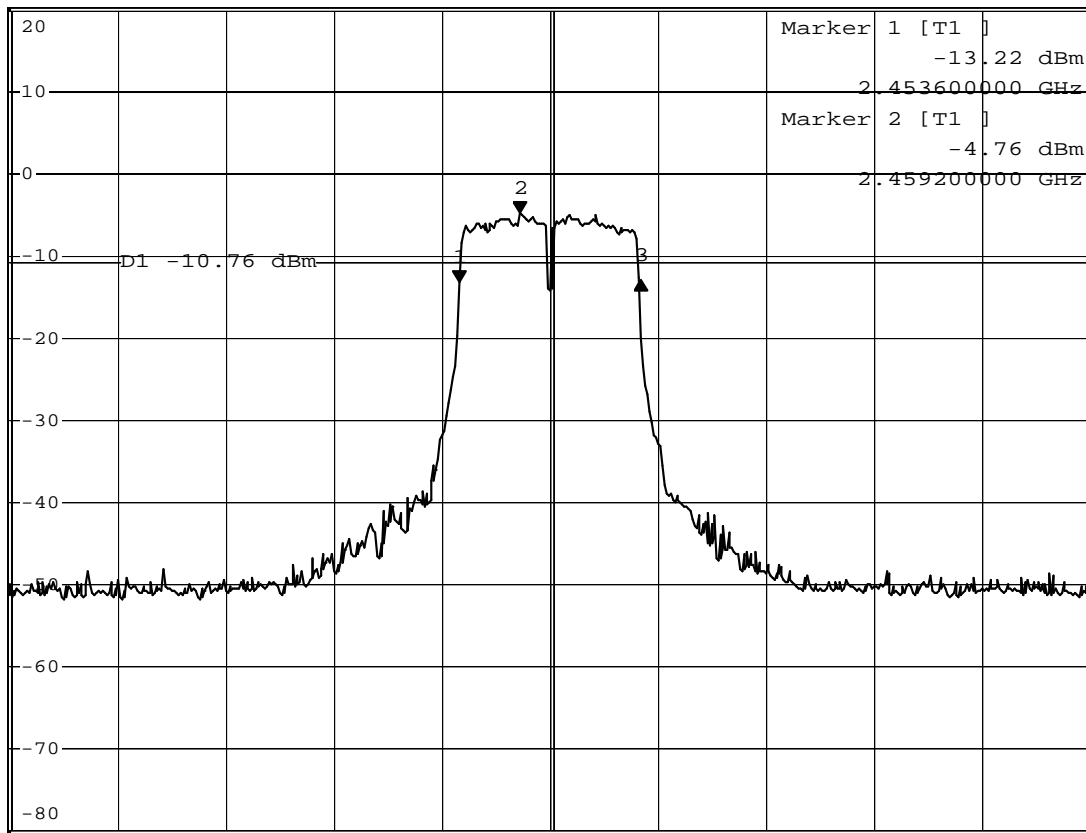
Channel 11



*RBW 100 kHz Delta 3 [T1]
 *VBW 100 kHz 0.18 dB

Ref 20 dBm *Att 30 dB *SWT 200 ms 16.800000000 MHz

1 PK
VIEW



Center 2.462 GHz 10 MHz/ Span 100 MHz

Date: 16.JUN.2009 12:45:08

8. Power Density

8.1. Test Equipment

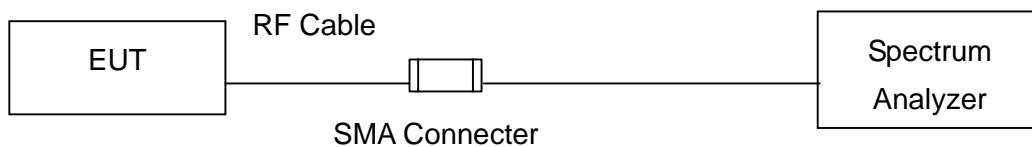
The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer	R & S	FSP / 100561	Jan., 2009
2	No.1 OATS			Sep., 2008

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

8.2. Test Setup

IEEE 802.11 b / g MODE



8.3. Limits

The peak power spectral density conducted from the intentional radiated to the antenna shall not be greater than +8dBm in any 3kHz band during any time interval of continuous transmission.

8.4. Test Procedures

The EUT was setup according to ANSI C63.4, 2003; tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

Set RBW= 3 kHz, Set VBW \geq 9 kHz, Sweep time=Auto, Set detector=Peak detector

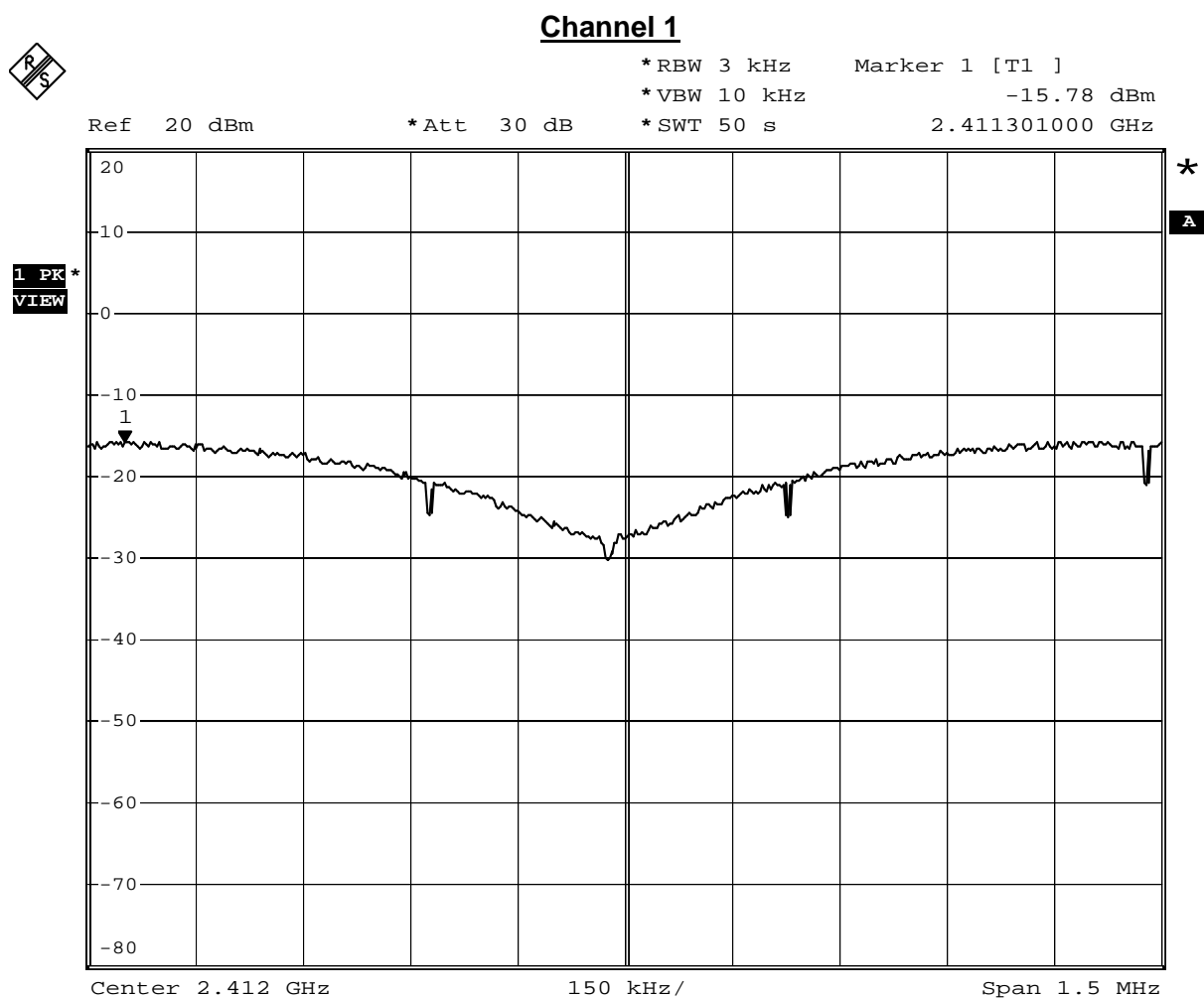
8.5. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

8.6. Test Result

Product	DIGITAL MEDIA FRAME		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-15.78	≤ 8	Pass
6	2437	-15.85	≤ 8	Pass
11	2462	-16.13	≤ 8	Pass



Date: 16.JUN.2009 12:06:16

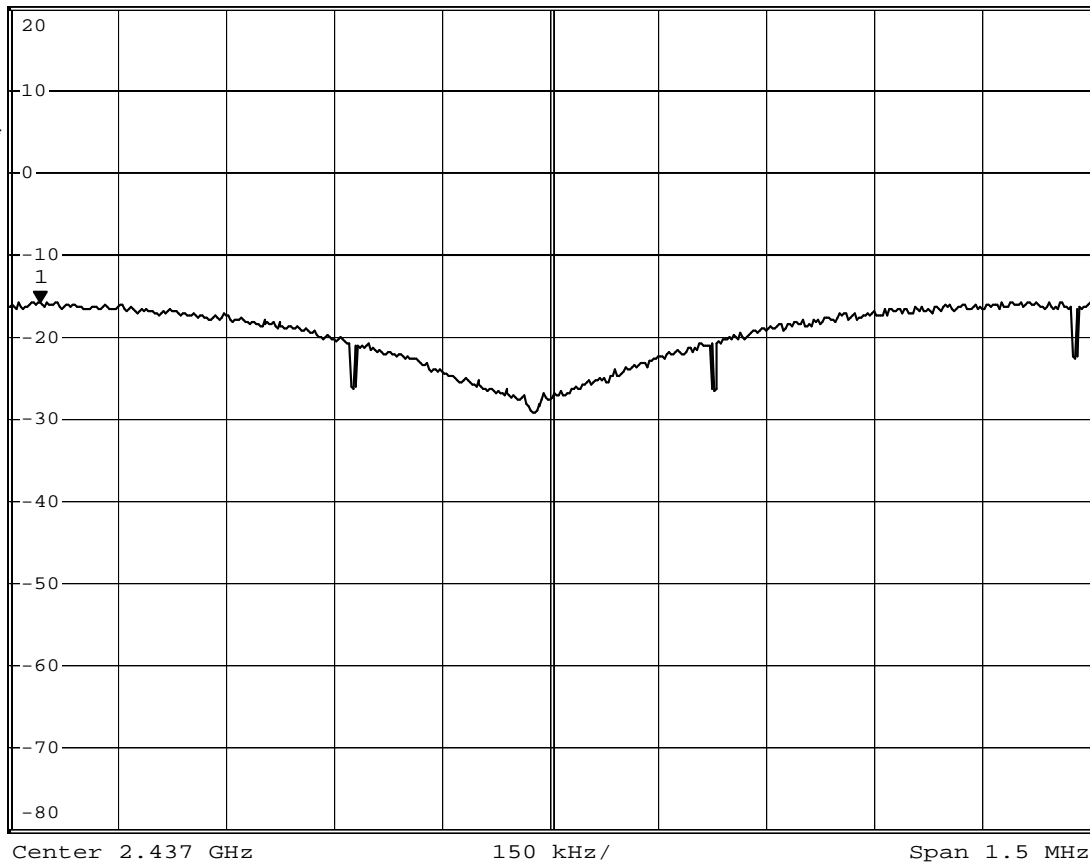


Channel 6

*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -15.85 dBm
 *SWT 50 s 2.436292000 GHz

Ref 20 dBm

*Att 30 dB



Date: 16.JUN.2009 11:52:33

Channel 11

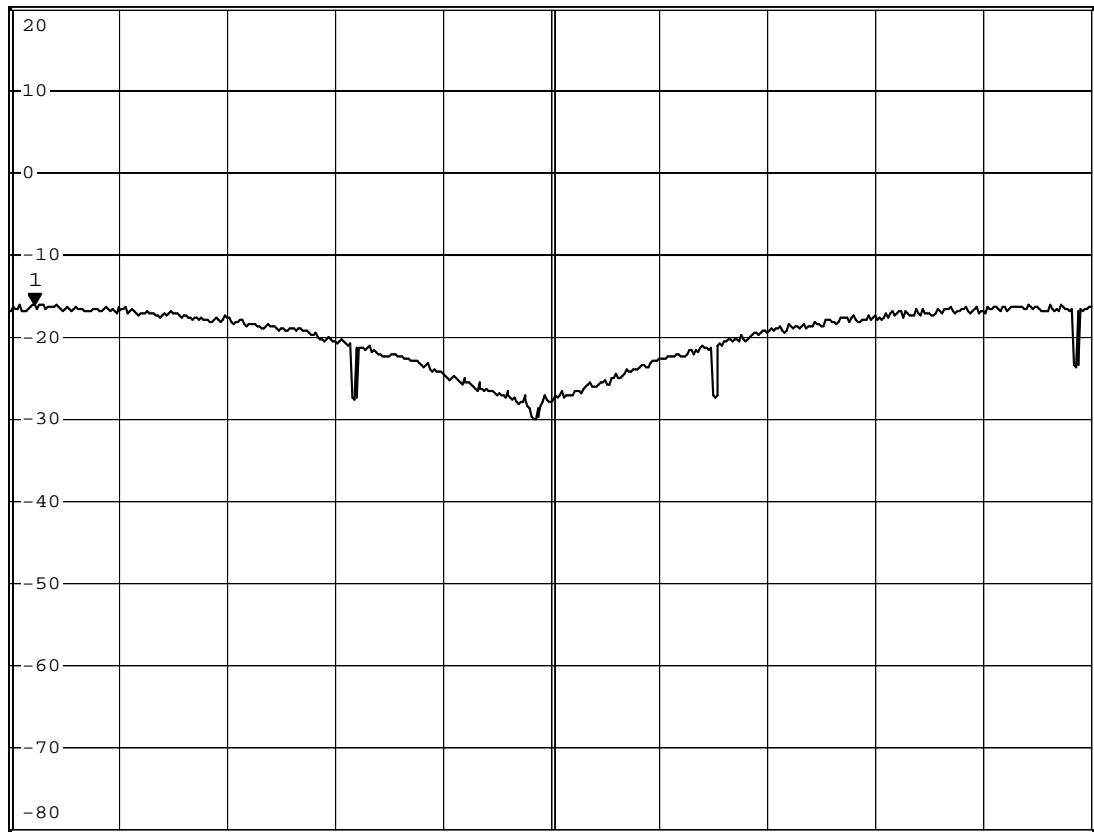


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -16.13 dBm
 *SWT 50 s 2.461283000 GHz

Ref 20 dBm

*Att 30 dB

1 PK
VIEW



Center 2.462 GHz

150 kHz/

Span 1.5 MHz

Date: 16.JUN.2009 11:55:04

Product	DIGITAL MEDIA FRAME		
Test Item	Power Density		
Test Mode	Transmit		
Date of Test	2009/06/16	Test Site	No.1 OATS

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	-19.35	≤ 8	Pass
6	2437	-19.56	≤ 8	Pass
11	2462	-20.14	≤ 8	Pass

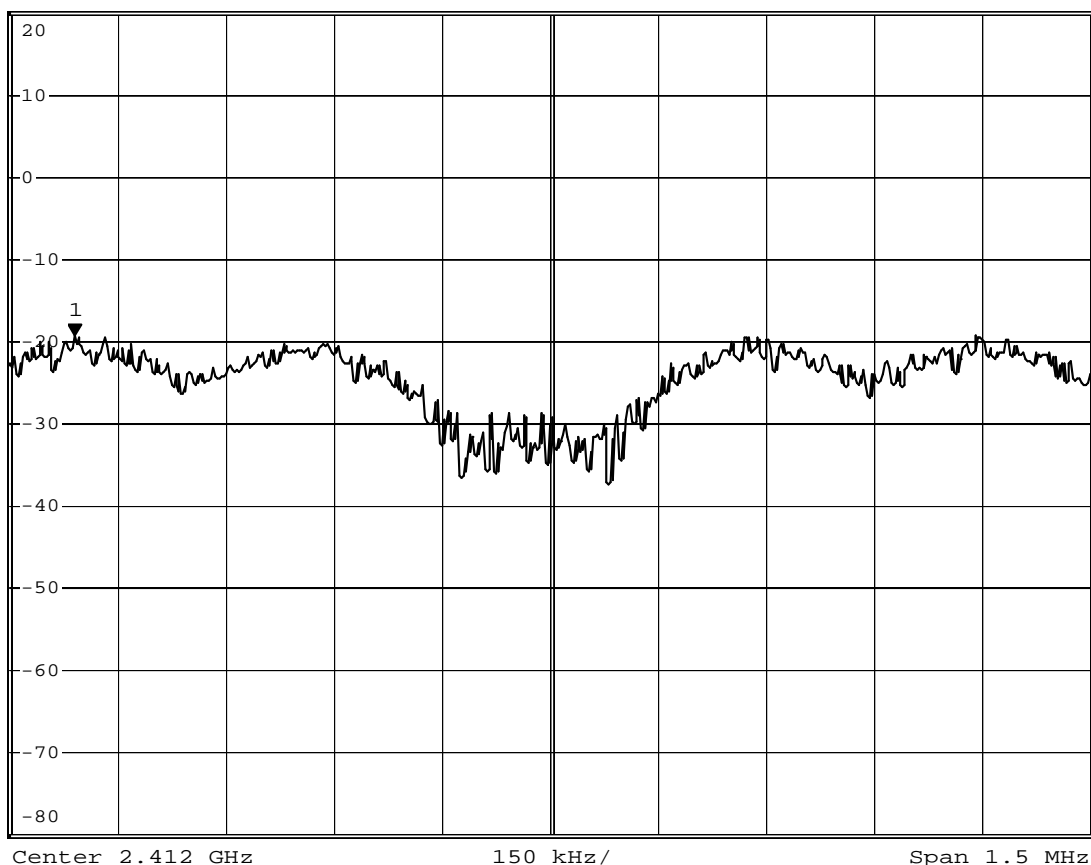
Channel 1



*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -19.35 dBm
 *SWT 500 s 2.411340000 GHz

Ref 20 dBm

*Att 30 dB



Date: 16.JUN.2009 13:07:10

Channel 6

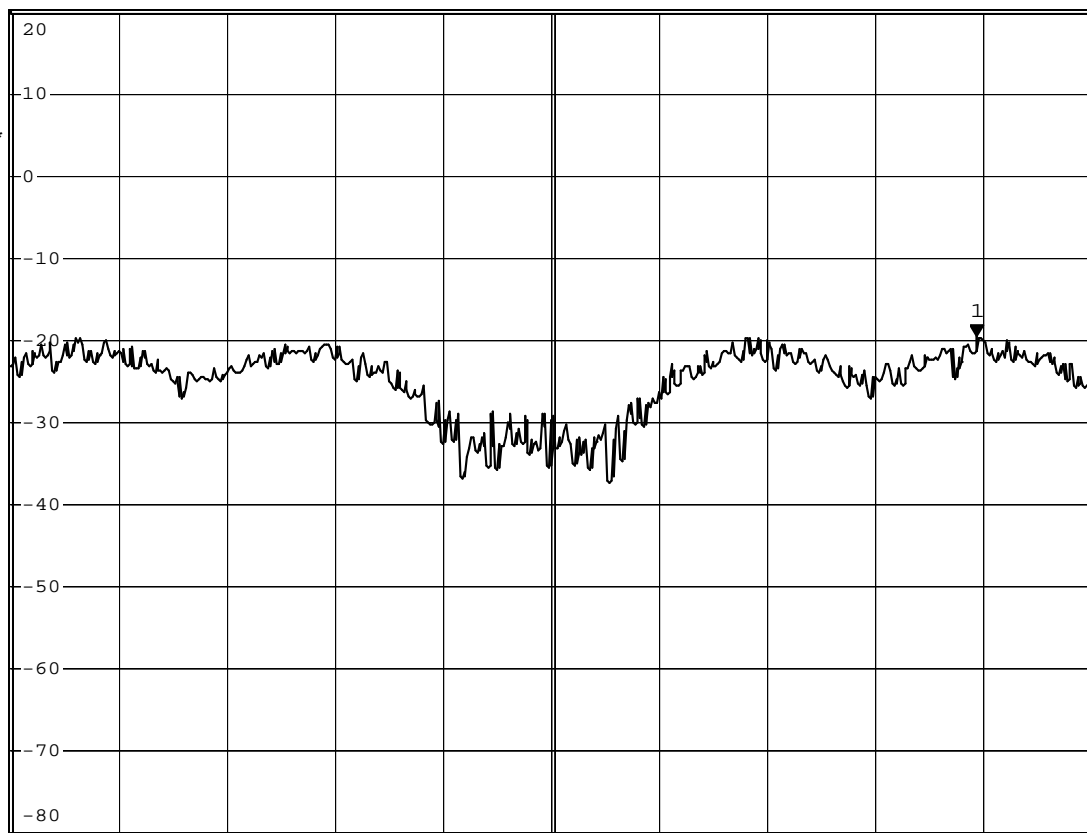


*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -19.56 dBm
 *SWT 500 s 2.437591000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Center 2.437 GHz

150 kHz/

Span 1.5 MHz

Date: 16.JUN.2009 13:26:47



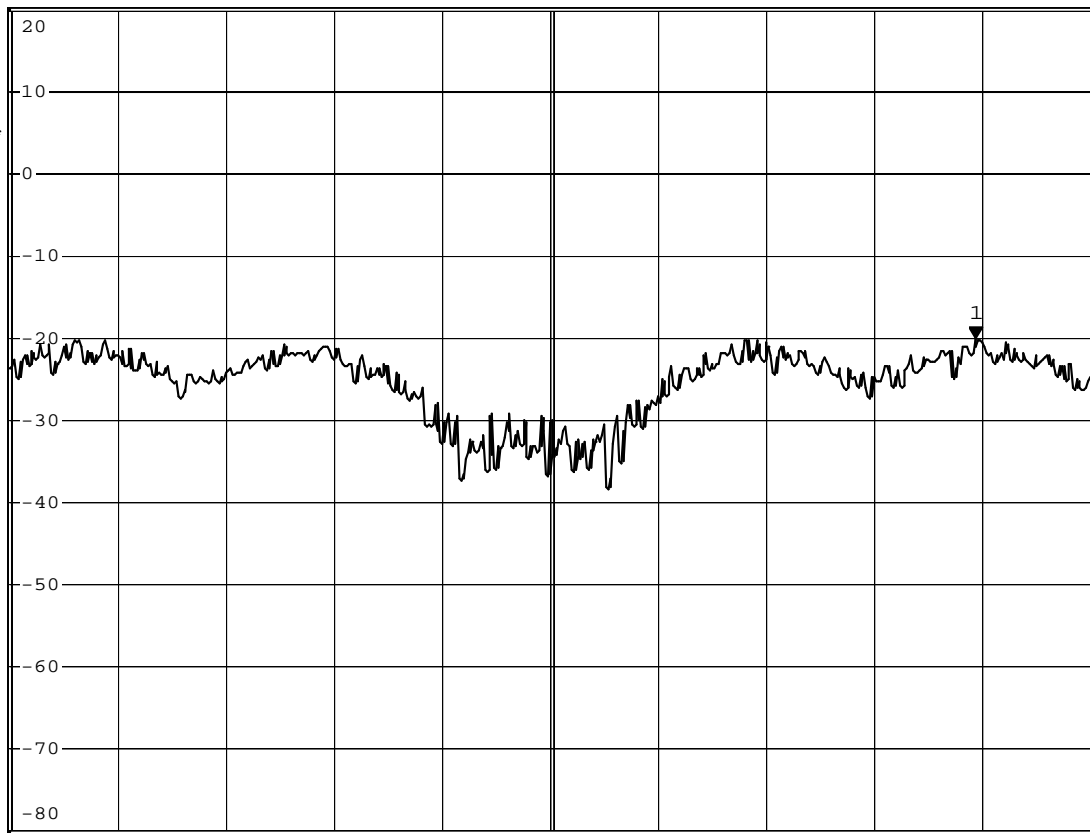
Channel 11

*RBW 3 kHz Marker 1 [T1]
 *VBW 10 kHz -20.14 dBm
 *SWT 500 s 2.462591000 GHz

Ref 20 dBm

*Att 30 dB

1 PK*
VIEW



Center 2.462 GHz

150 kHz/

Span 1.5 MHz

Date: 16.JUN.2009 12:56:15