

Certificate of Test

October 2007

MITAC INTERNATIONAL CORP.

Product Type : Digital Media Player
Model Number : EZFETCH1
Brand Name : EZ4Media, Inc.
Test Report Number : 0709031R-01
Date of Test : September 19, 2007- October 01, 2007

This Product was tested to the following standards at the laboratory of Global EMC Standard Tech. Corp., and found Compliance.

Standards:
FCC Part 15 Subpart C Paragraph 15.247
ANSI C63.4: 2003

[http : //www.gestek.com.tw](http://www.gestek.com.tw)



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Date: October 15, 2007



NVLAP LAB CODE 200085-0





**Test Report
Application for
Certification
On Behalf Of**

MITAC INTERNATIONAL CORP.

EUT:
Digital Media Player

Model Number:
EZFETCH1

FCC ID:
P4Q-EZFETCH1

Prepared for:
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1. CERTIFICATION

Applicant : MITAC INTERNATIONAL CORP.

EUT Description : Digital Media Player
Model Number : EZFETCH1
Serial Number : N/A
Brand Name : EZ4Media, Inc.
FCC ID : P4Q-EZFETCH1
Tested Power Supply : 120V/60Hz
Manufacturer : MITAC INTERNATIONAL CORP.

MEASUREMENT PROCEDURES USED:

- ☒ **CFR 47, Part 15** Radio Frequency Device Subpart C Paragraph 15.247 Intentional Radiators :2007
- ☒ **ANSI C63.4** Methods of Measurements of Radio-Noise Emissions from Low- Voltage Electrical and Electronic Equipment in the range of 9kHz To 40GHz. 2003

THE MEASUREMENT SHOWN IN THE ATTACHMENT WAS MADE IN ACCORDANCE WITH THE PROCEDURES INDICATED, AND THE MAXIMUM ENERGY EMITTED BY THE EQUIPMENT WAS FOUND TO BE WITHIN THE ABOVE LIMITS APPLICABLE.



NVLAP LAB CODE 200085-0

Date of Test : **September 19, 2007 – October 01, 2007**

In order to ensure the quality and accuracy of this document, the contents have been thoroughly reviewed by the following qualified personnel from Gestek Lab.

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Approved By :

Tonny Lin

Tonny Lin / General Manager

This test data shown below is traceable to National or international standard such as NIST/USA, etc. The laboratory's NVLAP accreditation in no way constitutes or implies product certification, approval, or endorsement by NVLAP or the United States government.

2. GENERAL INFORMATION

2.1 PRODUCTION DESCRIPTION

Product Name	: Digital Media Player
Model Number	: EZFETCH1
Serial Number	: N/A
FCC ID	: P4Q-EZFETCH1
Modulation Type	: DSSS, OFDM
Antenna Gain	: 2dBi
Antenna Type	: Dipole
Type of Antenna joint	: Reverse SMA
Frequencg Range	: 2.4GHz-2.4835GHz
Channel Number	: 11 Channel
Data Rate	: 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54Mbps
Channel Control	: Control by Software
Working Voltage	: AC 100~240V 50/60Hz

Frequency of Each Channel:

(1) WLAN :

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447		

Note:

1. This device is a Digital Media Player included 802.11b/g WLAN function.
2. Test of channel was included the lowest, middle and highest frequency in highest data rate and to perform the test, then record on this report.
3. The antenna of EUT is Dipole with reverse SMA and conform to FCC 15.203.
4. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.247 for spread spectrum devices.
5. The device is a transceiver equipment to accordance with Part 15 regulations. The function receiving was under Declaration of Conformity and record of measurment in test report that the report number is 0709031F-01.

2.2 OPERATIONAL DESCRIPTION

The Transmitter of EUT is a Digital Media Player and powered by AC adapter. This equipment have one antenna and use the IEEE 802.11b & 802.11g protocol.

The equipment can transform AV signal form PC and play on TV

The other information please refer to users manual.

2.3 TEST MODES & EUT COMPONENTS DESCRIPTION

EUT: Digital Media Player, M/N: EZFETCH1

The EUT tested with Notebook PC.

Test Mode	Continue Transmit	
	Mode 1	Mode 2
	802.11b	802.11g

2.4 SUMMARY OF TEST PROCEDURE AND TEST RESULTS

Test Item	Applied Standard Section	Test Result
Conduction Emission	15.207, ANSI C63.4 Section 7	Pass (refer to section 3.7)
Radistion Emission	15.209, ANSI C63.4 Section 8	Pass (refer to section 4.7)
Peak Power Output	15.247(b), ANSI C63.4 Section 13 & Annex I	Pass (refer to section 5.4)
Band Edge	15.247(c) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 6.6)
Occupied Bandwidth	15.247(a) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 7.4)
Power Density	15.247(d) , ANSI C63.4 Section 13 & Annex I	Pass (refer to section 8.4)

2.5 CONFIGURATION OF THE TESTED SYSTEM

The FCC IDs/Types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards, which have grants) are:

Device	No.	Configuration
17" MEDION LCD TV	M01-053	Manufacturer : MEDION Model Number : LM-2617TL Serial Number : N/A Adapter Manufacturer :LS-SHIN Adapter Model Number : LSE9901B1970 POWER:AC INPUT :100-240V,50/60HZ ,1.5AOUTPUT:DC19V,3.68A Adapter Power Cord : Non-Shielded, Detachable, 3Pin, 1.8m,
LCD MONITOR (DVI&D-SUB)	M01-047	Manufacturer : CMV Model Number : CT-723D Serial Number : N/A BSMI ID : R63126 FCC ID : N/A DVI&D-SUB Cable : Shielded, Detachable, 2m,cord Adapter Manufacturer :POTRANS Adapter Model Number : UP060B1190 POWER:AC INPUT :100-240V,50/60HZ ,OUTPUT:DC19V,3.16A Adapter Power Cord : Non-Shielded, Detachable, 3Pin, 1.8m
PRECISION DIGITAL SURROUND PROCESSOR	S03-003	Manufacturer : YAMADA Model Number : BAD-201007601 Adapter Manufacturer :CLASS 2 Adapter Model Number : PPI-1250-UL POWER:AC INPUT :120V,60HZ ,OUTPUT:DC12V,500mA Adapter Power Cord : Non-Shielded, Undetachable, 2Pin, 2m
External USB 2.0 Hard Disk	U02-039	Manufacturer : TERASYS Model Number : F12-UF Serial Number : A0100215-34P0030 BSMI ID : 4912A002 Data Cable : Shielded, detachable, 1.5m AC Power Adaptor : YHI M/N:YS-1015-U12A BSMI ID:4872A185 Input:AC IN:100V 50/60Hz 35VA Output: DC +12V ,1.25A

Device	No.	Configuration
NOTEBOOK	DELL NB 1	Model Number : Latitude D600 PPO5L BSMI ID : R33002 FCC ID : E2K24CLNS Serial Number : 10826163280 C.P.U : Intel Pentium M 1.4G HZ DDR : PC2100 256MB WIRELESS LAN : Manufacturer :INTEL CARD : M/N:WM3A2100 FCC ID: E2K24CLNS F.D.D : N/A H.D.D. : Manufacturer : FUJITSU 30G M/N: MHT2030AT S/N:NN15T421E09C BSMI ID:D33073 DVD-ROM : Manufacturer :DELL M/N:5W299-A01 BATTERY : Manufacturer :DELL Li-ion MODULE : M/N:6Y270 RATING:14.8V 220mAh AC ADAPTOR : Manufacturer :DELL M/N: PA-1650-05D S/N:CN-05U092-48010-39N-227C INPUT:AC 100-240 V~1.5A 50-60HZ Shielded, Undetachable, 2.5m

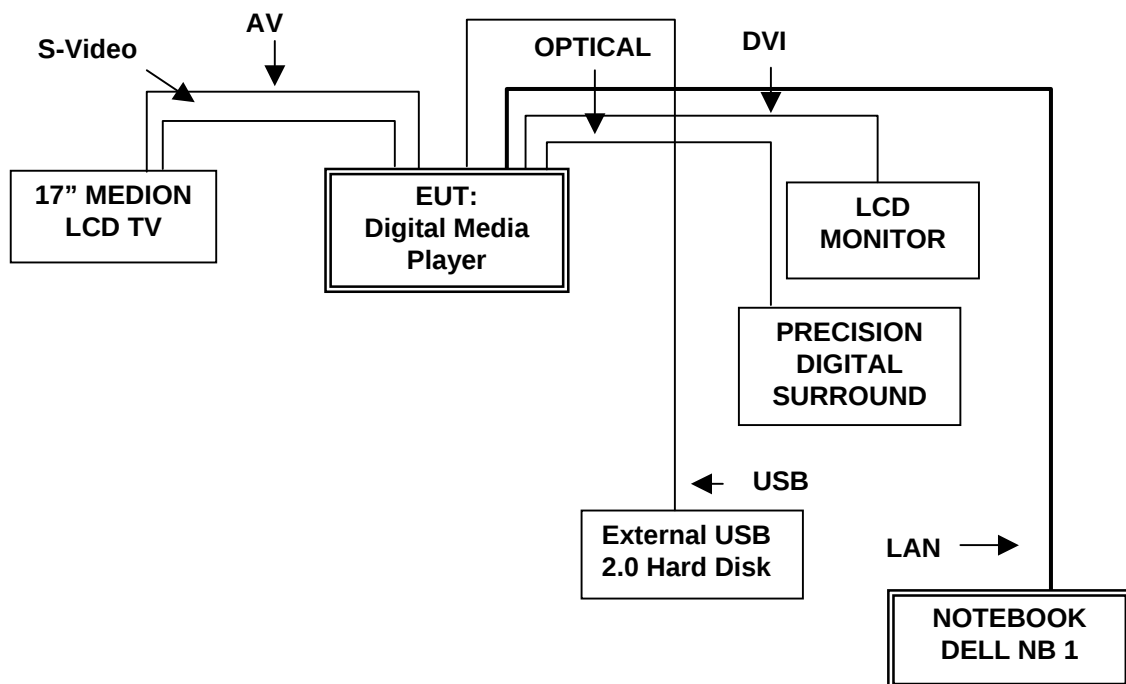
2.6 TEST FACILITY

Ambient conditions in the laboratory:

ITEMS	Requirement
TEMPERATURE (°C)	10-40
HUMIDITY (%RH)	10-90
BAROMETRIC PRESSURE (mbar)	860-1060
FCC SITE DESCRIPTION	Aug. 10, 1995 /Aug. 25, 1998 File on FCC Engineering Laboratory Federal Communication Commission 7435 Oakland Mills Road Columbia, MD 21046 Reference 31040/SIT1300F2
NVLAP LAB. CODE	200085-0 United States Department of commerce National Institute of Standards and Technology National Voluntary Laboratory Accreditation Program Accreditation on NVLAP effective through Sep. 30, 2008 For CISPR 22, FCC Method and AS/NZS CISPR 22 Measurement.
Taiwan Accreditation Foundation (TAF)	Recognized by the Council of Taiwan Accreditation Foundation and confirmed to meet the requirements of ISO/IEC 17025. Registration No.: 1082 Registration on TAF effective through Sep. 19,2009

2.7 TEST SETUP

2.7.1 BLOCK DIAGRAM OF CONNECTIONS BETWEEN EUT AND SIMULATORS



2.8 EUT OPERATING CONDITIONS

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to a typical use. The exercise sequence is listed as below:

1. Setup the EUT and simulators as shown on 2.6.
2. Turn on the power of all equipments.
3. The EUT ping with the wireless LAN card.
4. Confirm EUT is transmit signal continue.
5. Repeat the above steps.

3. CONDUCTION EMISSION DATA

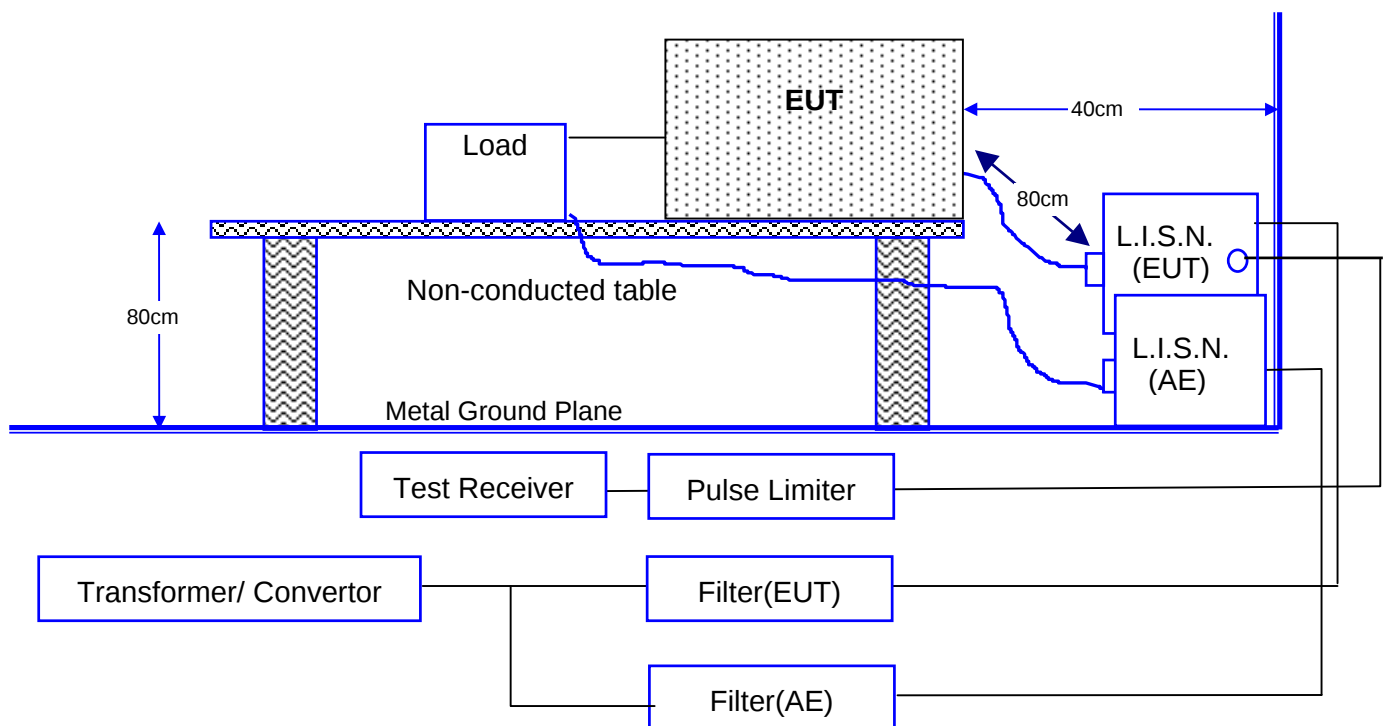
3.1 TEST EQUIPMENTS

The following test equipment are used during the conducted power line tests:

Item	Instrument	Manufacturer	Model	Serial No.	Last Cal. Date
1	Test Receiver	R & S	ESCS30	825022/003	05/26/07
2	L.I.S.N.(EUT)	ROLF HEINE	NNB-2/16Z	99042	12/22/06
3	L.I.S.N.(AE)	ROLF HEINE	NNB-2/16Z	98091	07/23/07
4	Pulse Limiter	R & S	ESH3-Z2	357.8810.52	08/02/07
5	RF CABLE	GTK	N/A	GTK-E-A152-01	12/15/06
6	50 Ohm Terminator	GTK	N/A	GTK-E-A130-01	N/A
7	Shielded Room	GTK	N/A	B5	N/A

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

3.2 BLOCK DIAGRAM OF TEST SETUP



Note: This is a representative setup diagram for Table-top EUT.

For Floor-standing EUT, the table will be removed with all others setup condition remain the same.

3.3 CONDUCTED EMISSION LIMIT

☒ FCC Limit (15.207)

Frequency MHz	Conducted Limits dB(μV)	
	QUASI-PEAK	AVERAGE
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5.0	56	46
5.0 to 30	60	50

Remarks : In the Above Table, the tighter limit applies at the band edges.

3.4 OPERATING CONDITION OF EUT

Same as section 2.7.

3.5 EUT CONFIGURATION ON MEASUREMENT

The equipment, which is listed 3.1, is installed on Conducted Power Line Test to meet the Commission requirement and operating in a manner, which tends to maximize its emission characteristics in a normal application.

The device under test, installed in a representative system as described in section 3.2, was placed on a non-conductive table whose total height equal to 80cm. Powered from one L.I.S.N. which signal output to receiver, and the other peripherals was powered from another L.I.S.N. which signal output was terminated by 50Ω.

3.6 CONDUCTED EMISSION DATA

The measurement range of conducted emission from 0.15 MHz to 30 MHz was investigated. All readings are quasi-peak and average values with a resolution Bandwidth of 9 KHz. The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range for all the test modes. Then the worst modes were reported the following data pages.

3.7 CONDUCTED EMISSIONS MEASUREMENT RESULTS

Date of Test	October 01, 2007	Temperature	26
EUT	Digital Media Player	Humidity	60 %
Test Mode	TX Mode – Continue Transmit	Display Pattern	N/A
Test Power Supply	AC 120V/60Hz		

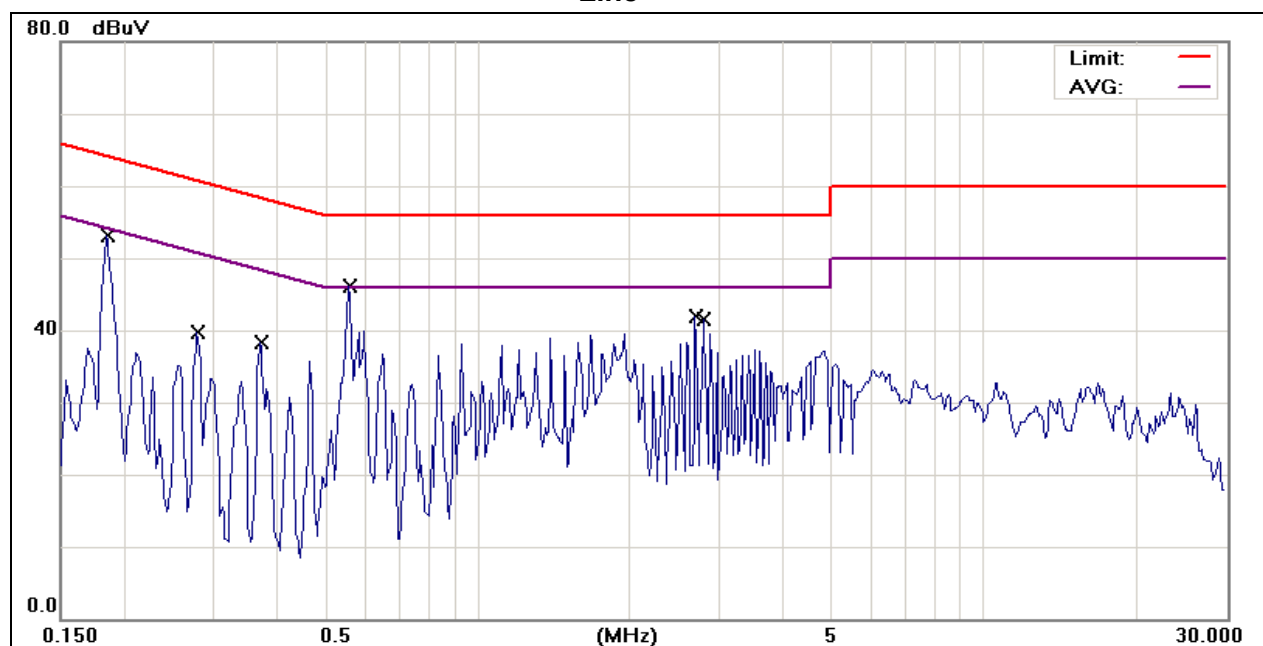
Line

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V	Limit dB μ V	Over Limit dB	Detector
1	0.1859	42.79	9.59	52.38	64.22	-11.84	QP
2	0.1859	35.19	9.59	44.78	54.22	-9.44	AVG
3	0.2787	29.20	9.61	38.81	60.85	-22.04	QP
4	0.2787	24.19	9.61	33.80	50.85	-17.05	AVG
5	0.3717	28.63	9.62	38.25	58.46	-20.21	QP
6	0.3717	26.90	9.62	36.52	48.46	-11.94	AVG
7	0.5555	37.05	9.65	46.70	56.00	-9.30	QP
8	0.5555	33.20	9.65	42.85	46.00	-3.15	AVG
9	2.7025	31.48	9.68	41.16	56.00	-14.84	QP
10	2.7025	29.98	9.68	39.66	46.00	-6.34	AVG
11	2.7957	31.01	9.68	40.69	56.00	-15.31	QP
12	2.7957	29.81	9.68	39.49	46.00	-6.51	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " " means that this data is the worse case measurement level.

Line



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "AVG" refers to the limit of Average.

Date of Test	October 01, 2007	Temperature	26
EUT	Digital Media Player	Humidity	60 %
Test Mode	TX Mode – Continue Transmit	Display Pattern	N/A
Test Power Supply	AC 120V/60Hz		

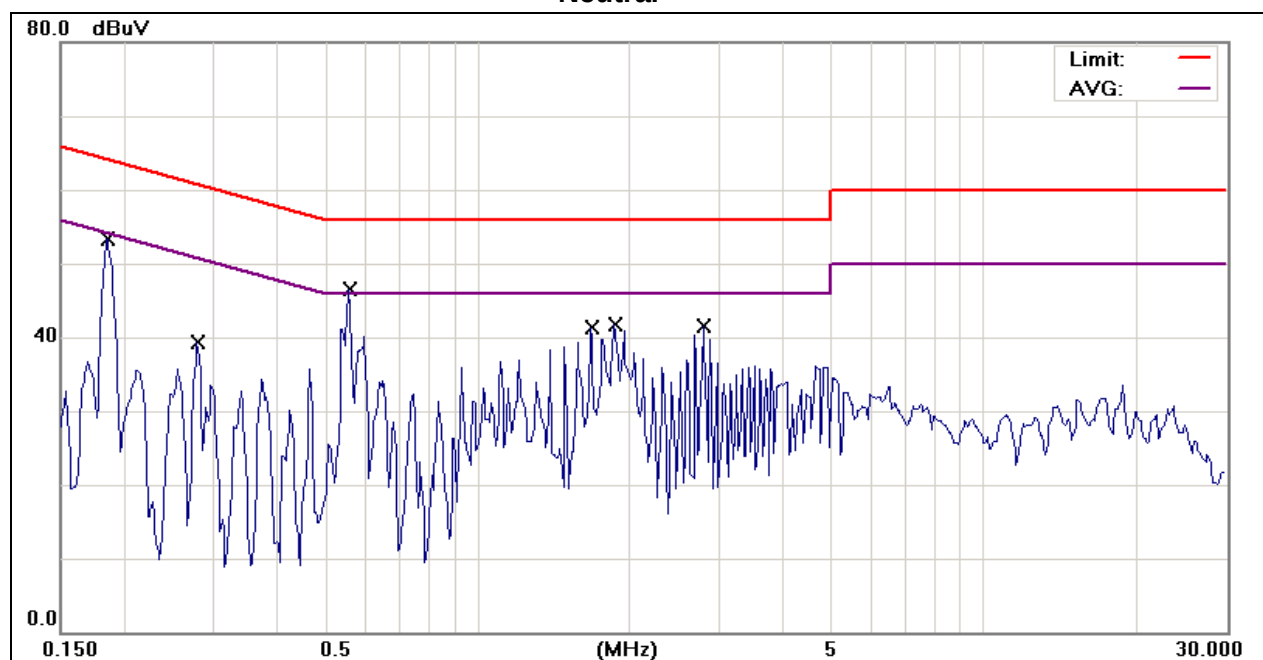
Neutral

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV	Limit dBμV	Over Limit dB	Detector
1	0.1848	42.43	9.59	52.02	64.27	-12.25	QP
2	0.1848	35.01	9.59	44.60	54.27	-9.67	AVG
3	0.2788	29.49	9.61	39.10	60.85	-21.75	QP
4	0.2788	22.93	9.61	32.54	50.85	-18.31	AVG
5	0.5562	36.76	9.65	46.41	56.00	-9.59	QP
6	0.5562	32.10	9.65	41.75	46.00	-4.25	AVG
7	1.6769	30.43	9.72	40.15	56.00	-15.85	QP
8	1.6769	29.45	9.72	39.17	46.00	-6.83	AVG
9	1.8645	30.95	9.74	40.69	56.00	-15.31	QP
10	1.8645	28.09	9.74	37.83	46.00	-8.17	AVG
11	2.8174	27.03	9.74	36.77	56.00	-19.23	QP
12	2.8174	22.80	9.74	32.54	46.00	-13.46	AVG

Remarks :

1. All readings are Quasi-peak and Average values.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = L.I.S.N. insertion loss + cable loss
5. " " means that this data is the worse case measurement level.

Neutral



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "AVG" refers to the limit of Average.

4. RADIATION EMISSION DATA

4.1 TEST EQUIPMENT

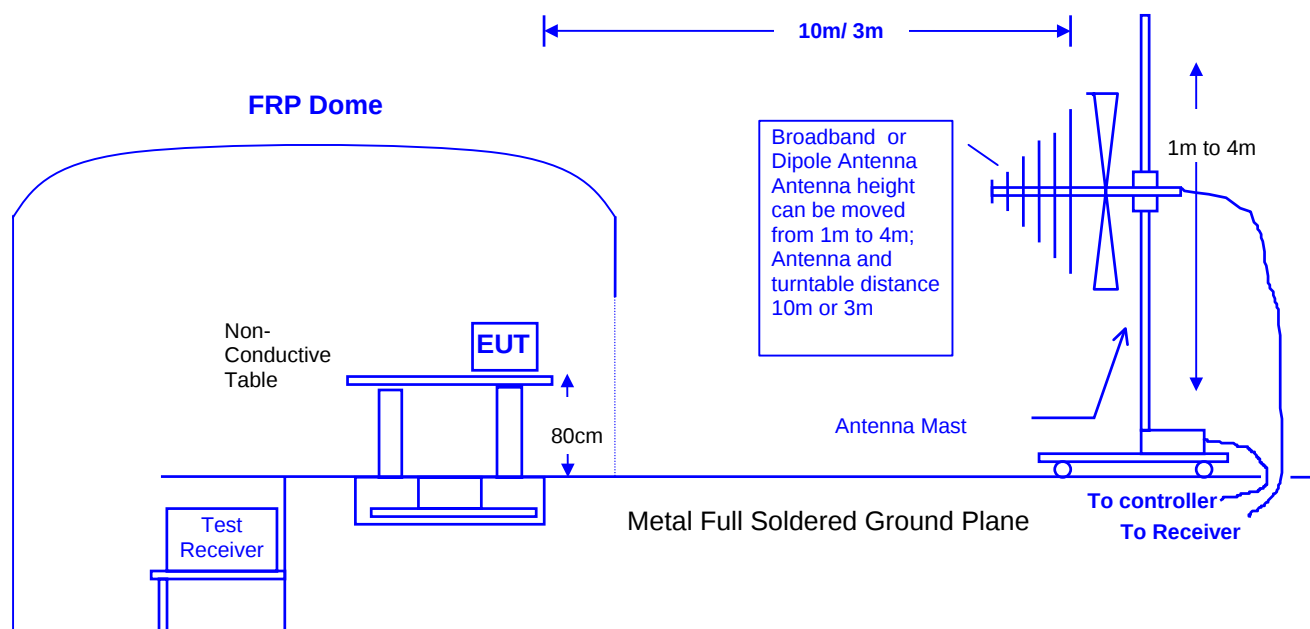
Item	Instrument	Manufacturer	Model	Serial No.	Last Cal.
1	Test Receiver	R & S	ESCS30	100352	01/12/07
2	Spectrum Analyzer	HP	8568B	N/A	01/24/07
3	Spectrum Analyzer	HP	E4407B	US39240339	08/07/07
4	Power Meter	R & S	NRVS	100666	04/04/07
5	Peak Power Sensor	R & S	NRV-Z32	836019-058	04/04/07
6	Pre-Amplifier	EMV-Technik	PA303	N/A	04/19/07
7	Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-251	03/10/07
8	HORN ANTENNA	SCHWARZBECK	BBHA 9120	D243	12/25/06
9	RF Cable	GTK	N/A	GTK-E-A344-01	04/18/07
10	CHAMBER	GTK	N/A	A6	12/04/06
11	OPEN SITE	GTK	N/A	B1	11/20/06
12	Test Program Software	GesTek	N/A	GTK-E-S001-01	N/A

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

4.2 OPEN TEST SITE SETUP DIAGRAM

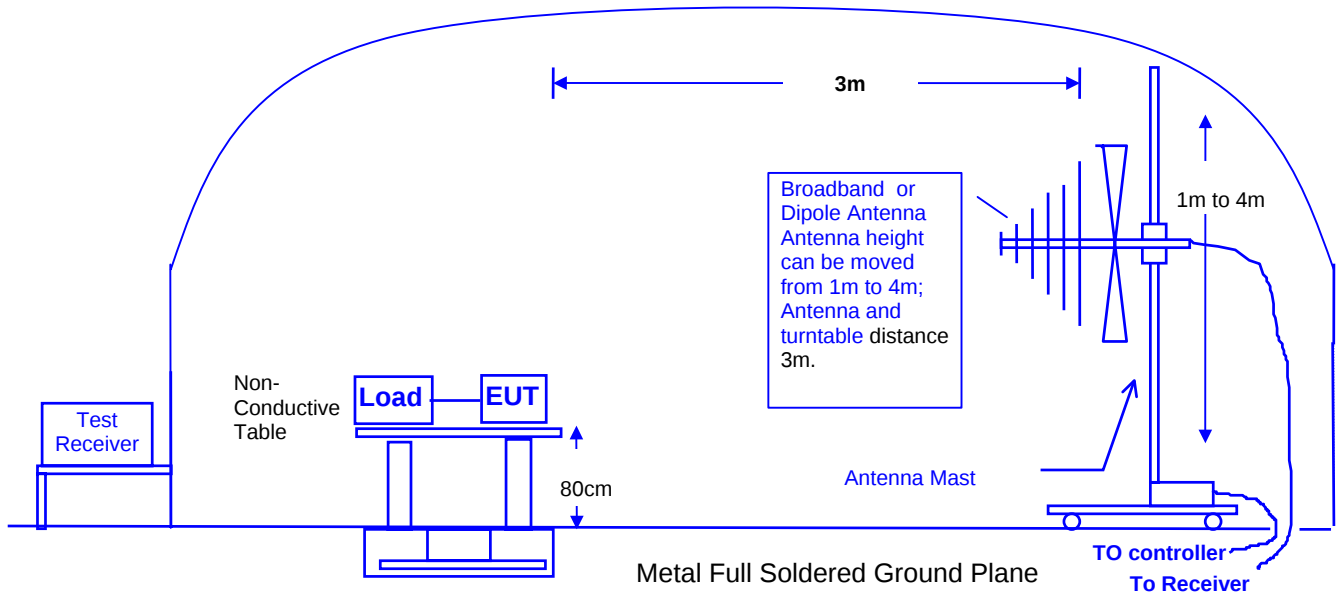
Note: This is a reprehensive setup diagram for Table-top EUT.

For Floor-standing EUT, the table will be removed with all others setup condition remain the same.



Note: This is a reprehensive setup diagram for Table-top EUT.

For Floor-standing EUT, the table will be removed with all others setup condition remain the same.



4.3 RADIATED EMISSION LIMIT

☒ FCC 15.209 Limit

Frequency	Distance	Field Strength	
MHz	Meter	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 to 88	3	100	40.0
88 to 216	3	150	43.5
216 to 960	3	200	46.0
Above 960	3	500	54.0

Note: The frequencies above 1000MHz, as measured using instrumentation with a peak detector function was corresponding to 20dB above the maximum permitted average limit.

4.4 EUT CONFIGURATION

The equipment, which is listed on 4.1 was, installed on radiated emission test to meet the commission requirement and operating in a manner which tends to maximize its emission characteristics in a normal application.

The device under test, installed in a representative system as described in section 4.2, was placed on a non-conductive table whose total height equaled 80 cm. This table can be rotated 360 degree. The measurement antenna was mounted to a non-conductive mast capable of moving the antenna vertically. Antenna height was varied from 1 meter to 4 meters and the system under test was rotated from 0 degree through 360 degrees relative to the antenna position and polarization (Horizontal and Vertical). Also the I/O cable position was investigated to find the maximum emission condition.

4.5 OPERATING CONDITION OF EUT

Same as section 2.7.

4.6 RADIATED EMISSION DATA

The measurement range of radiated emissions from 30 MHz to 10 Harmonics was investigated. All readings below 1GHz are quasi-peak values with a resolution bandwidth of 120 KHz. Above 1GHz are peak and avg. values with a resolution bandwidth of 1MHz. The initial step in collecting radiated emission data is a spectrum analyzer peak scans of the measurement range for all the test modes and then use test receiver for final measurement. Then the worst modes were reported the following data pages..

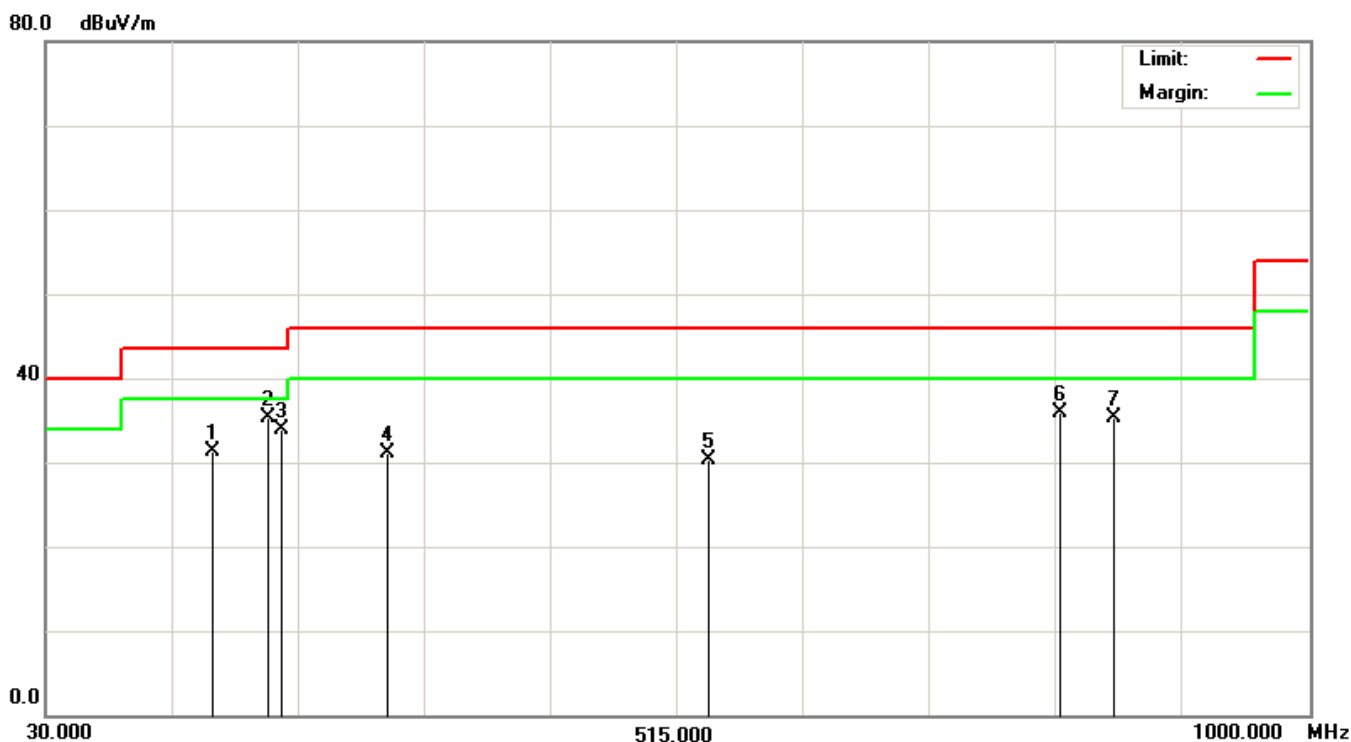
4.7 RADIATED EMISSIONS MEASUREMENT RESULTS

Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 1)	Display Pattern	N/A
Antenna distance	3m at Horizontal	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	159.0100	45.60	-14.23	31.37	43.50	-12.13	QP
2	200.7200	51.60	-16.32	35.28	43.50	-8.22	QP
3	211.3900	50.00	-16.12	33.88	43.50	-9.62	QP
4	292.8700	44.80	-13.67	31.13	46.00	-14.87	QP
5	540.2200	37.20	-6.84	30.36	46.00	-15.64	QP
6	810.8500	38.00	-2.17	35.83	46.00	-10.17	QP
7	851.5900	36.80	-1.58	35.22	46.00	-10.78	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ±0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

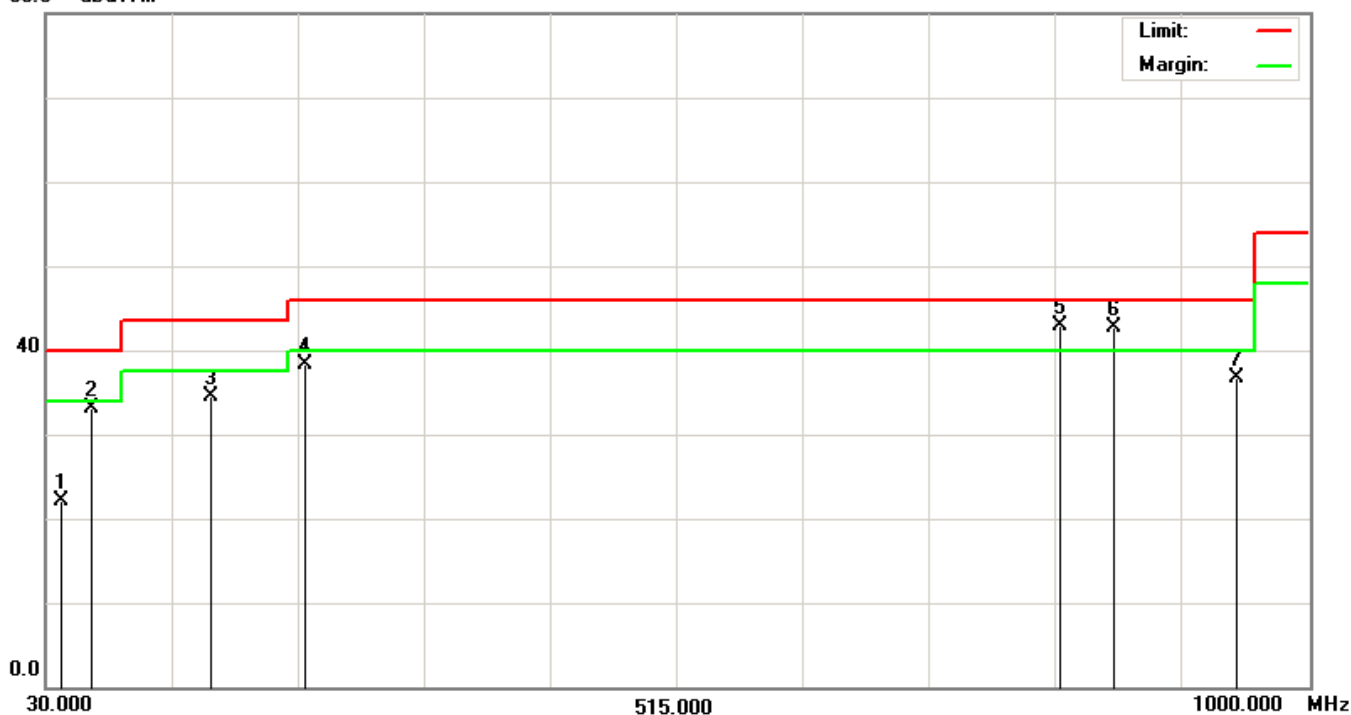
Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 1)	Display Pattern	N/A
Antenna distance	3m at Vertical	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	42.6100	37.20	-15.15	22.05	40.00	-17.95	QP
2	65.8900	50.00	-16.97	33.03	40.00	-6.97	QP
3	157.0700	48.80	-14.31	34.49	43.50	-9.01	QP
4	229.8200	54.00	-15.78	38.22	46.00	-7.78	QP
5	810.8500	45.00	-2.17	42.83	46.00	-3.17	QP
6	851.5900	44.30	-1.58	42.72	46.00	-3.28	QP
7	945.6800	37.20	-0.51	36.69	46.00	-9.31	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.

80.0 dBμV/m



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

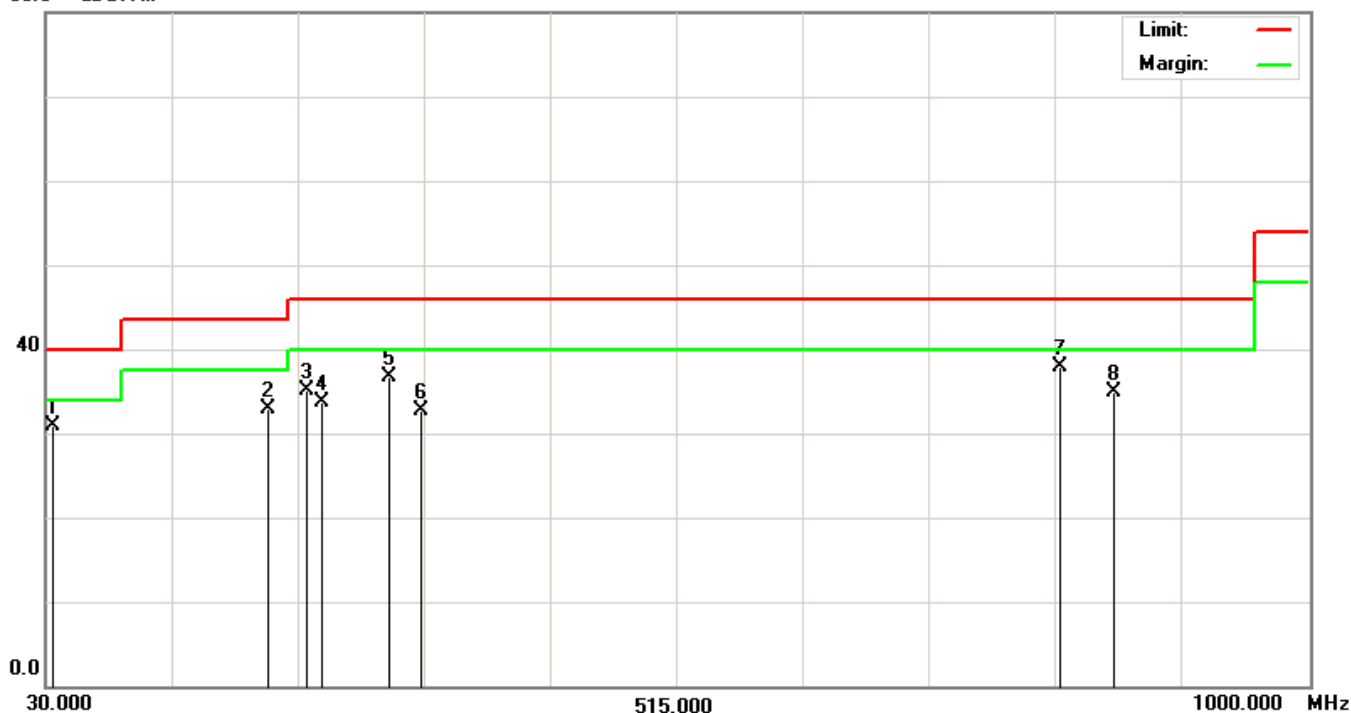
Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 6)	Display Pattern	N/A
Antenna distance	3m at Horizontal	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	35.8200	47.20	-16.35	30.85	40.00	-9.15	QP
2	201.6900	49.20	-16.30	32.90	43.50	-10.60	QP
3	230.7900	50.80	-15.76	35.04	46.00	-10.96	QP
4	242.4300	49.20	-15.55	33.65	46.00	-12.35	QP
5	293.8400	50.40	-13.63	36.77	46.00	-9.23	QP
6	319.0600	45.60	-12.80	32.80	46.00	-13.20	QP
7	809.8800	40.00	-2.19	37.81	46.00	-8.19	QP
8	851.5900	36.40	-1.58	34.82	46.00	-11.18	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.

80.0 dBμV/m



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

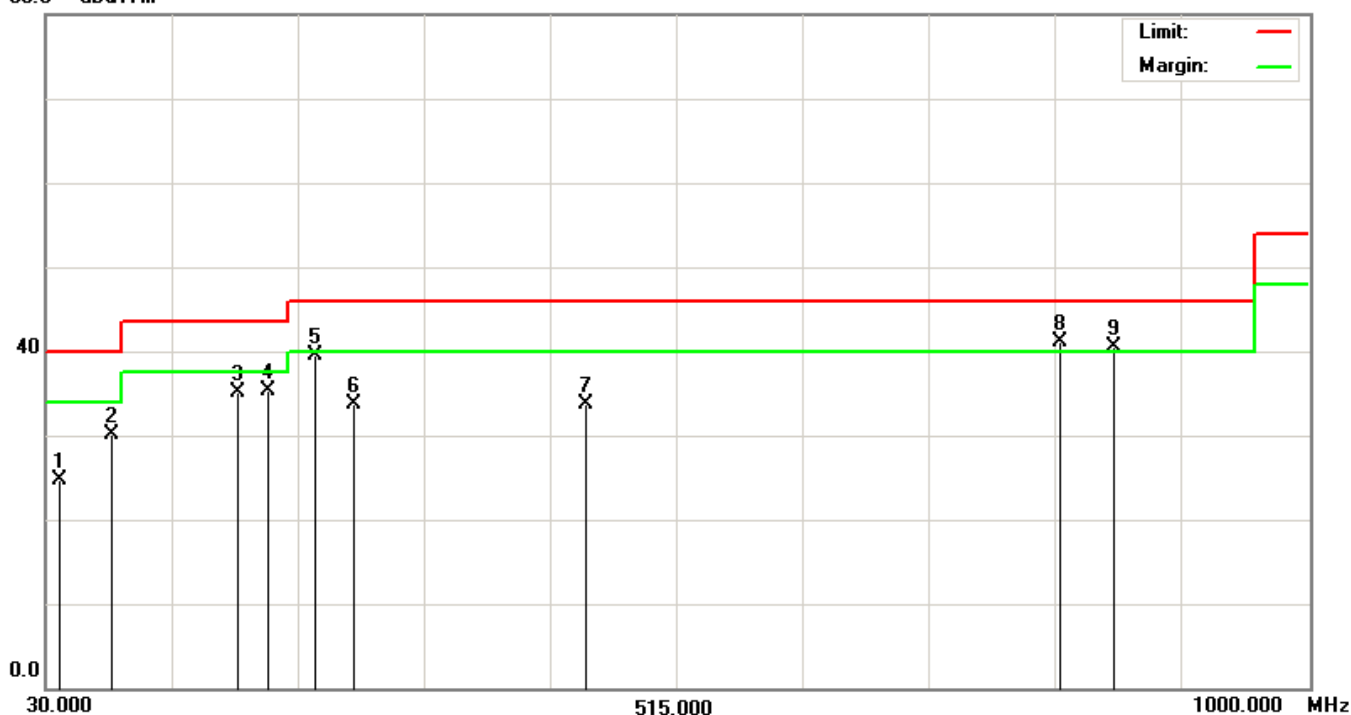
Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 6)	Display Pattern	N/A
Antenna distance	3m at Vertical	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	40.6700	40.30	-15.53	24.77	40.00	-15.23	QP
2	81.4100	50.00	-19.96	30.04	40.00	-9.96	QP
3	178.4100	50.40	-15.29	35.11	43.50	-8.39	QP
4	201.6900	51.60	-16.30	35.30	43.50	-8.20	QP
5	237.5800	55.20	-15.64	39.56	46.00	-6.44	QP
6	266.6800	48.40	-14.73	33.67	46.00	-12.33	QP
7	446.1300	42.80	-9.17	33.63	46.00	-12.37	QP
8	809.8800	43.20	-2.19	41.01	46.00	-4.99	QP
9	851.5900	42.00	-1.58	40.42	46.00	-5.58	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.

80.0 dBμV/m



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

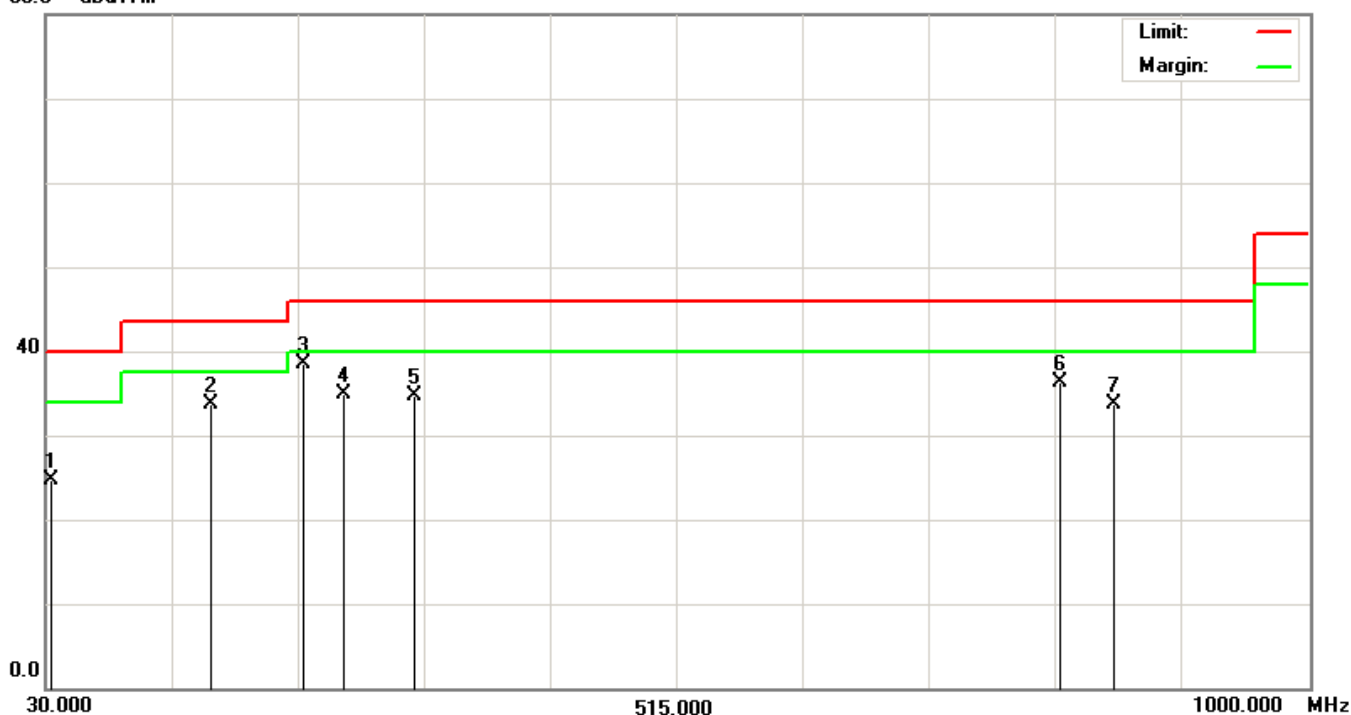
Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 11)	Display Pattern	N/A
Antenna distance	3m at Horizontal	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	33.8800	41.20	-16.45	24.75	40.00	-15.25	QP
2	157.0700	48.00	-14.31	33.69	43.50	-9.81	QP
3	227.8800	54.40	-15.82	38.58	46.00	-7.42	QP
4	259.8900	50.00	-15.01	34.99	46.00	-11.01	QP
5	314.2100	47.60	-12.95	34.65	46.00	-11.35	QP
6	810.8500	38.40	-2.17	36.23	46.00	-9.77	QP
7	851.5900	35.20	-1.58	33.62	46.00	-12.38	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ±0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.

80.0 dBμV/m



Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

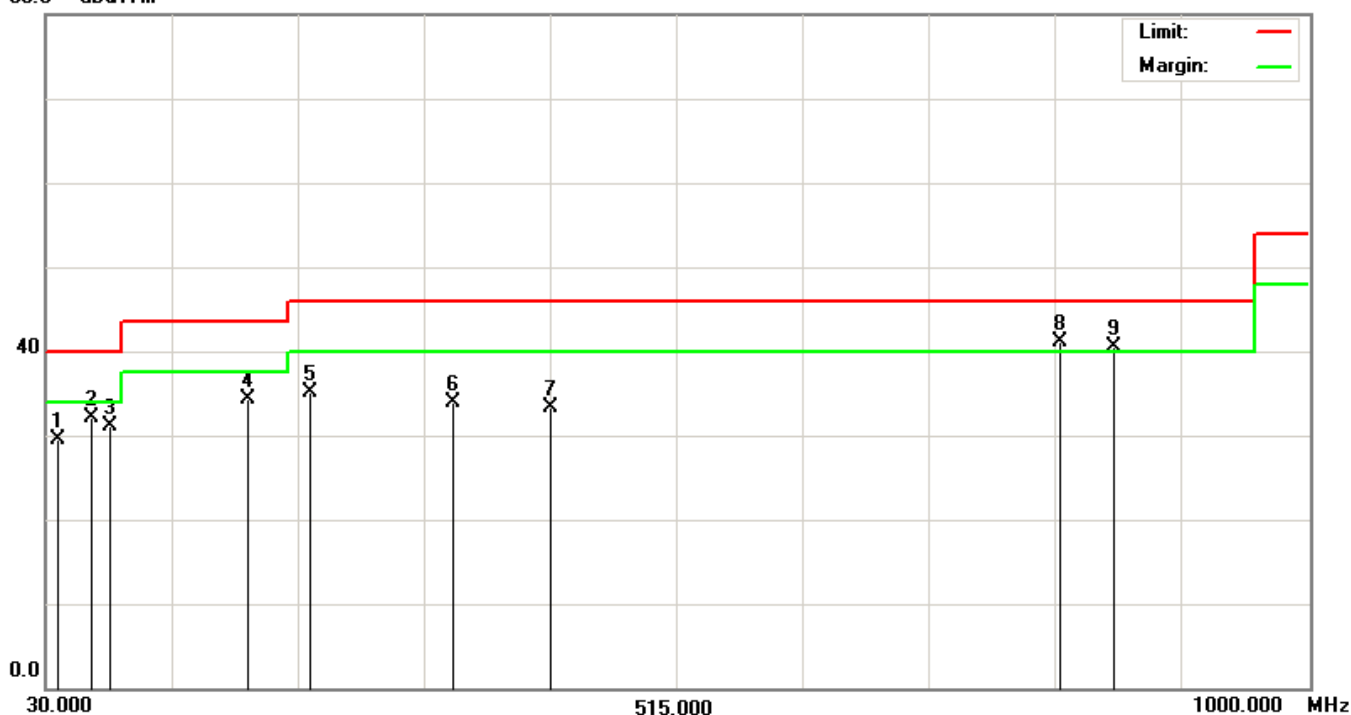
Date of Test	October 01, 2007	Temperature	26 deg/C
EUT	Digital Media Player	Humidity	60 %RH
Working Cond.	WLAN (Channel 11)	Display Pattern	N/A
Antenna distance	3m at Vertical	Frequency Range	30-1000MHz

No.	Frequency MHz	Reading Level dBμV	Factor dB	Measurement dBμV/m	Limit dBμV/m	Over Limit dB	Detector
1	39.7000	45.20	-15.71	29.49	40.00	-10.51	QP
2	64.9200	48.80	-16.77	32.03	40.00	-7.97	QP
3	79.4700	50.80	-19.67	31.13	40.00	-8.87	QP
4	186.1700	50.00	-15.68	34.32	43.50	-9.18	QP
5	233.7000	50.80	-15.71	35.09	46.00	-10.91	QP
6	343.3100	46.00	-12.06	33.94	46.00	-12.06	QP
7	418.0000	43.20	-9.88	33.32	46.00	-12.68	QP
8	810.8500	43.20	-2.17	41.03	46.00	-4.97	QP
9	851.5900	42.00	-1.58	40.42	46.00	-5.58	QP

Remarks:

1. All Readings below 1GHz are Quasi-Peak.
2. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
3. Over Limit (Margin Value)=Measurement level-Limit value.
4. Factor = antenna factor + cable loss – amplifier gain.
5. “ ” means that this data is the worse case measurement level.

80.0 dBμV/m



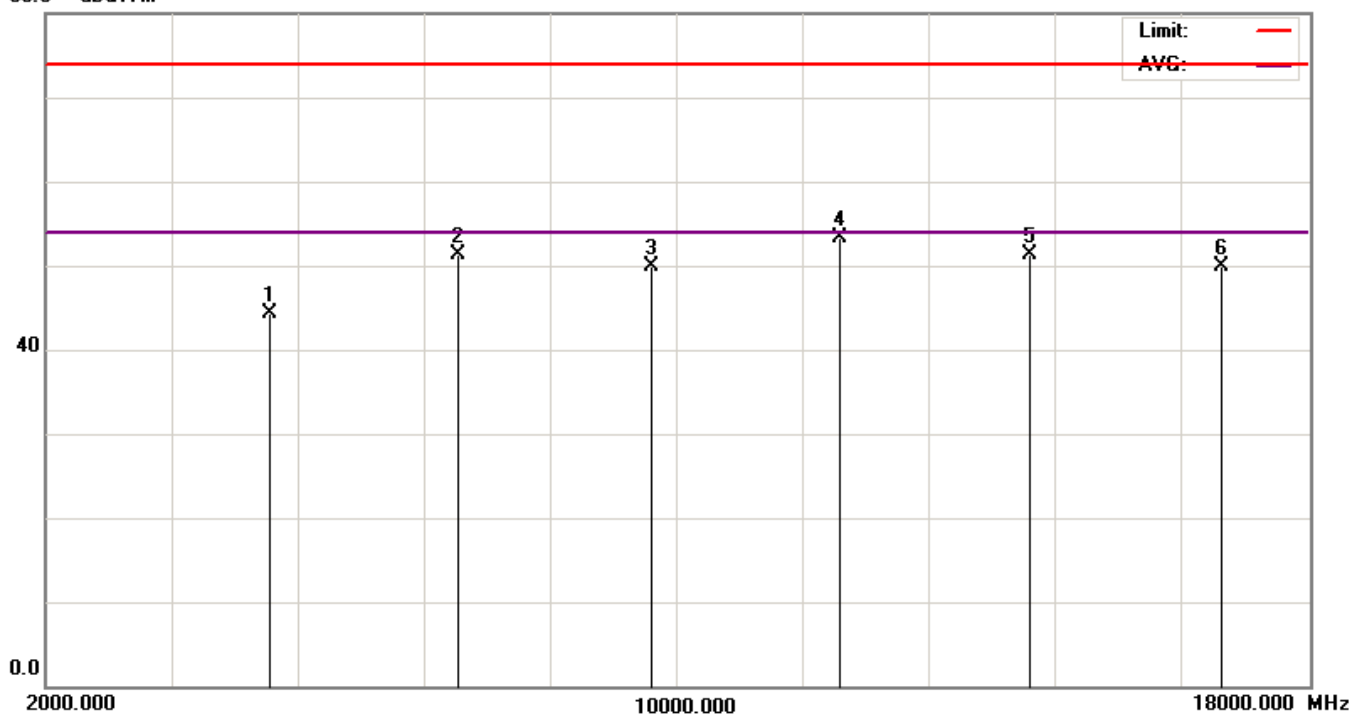
Remark: 1. The "Limit" in right-up corner in above diagram refers to Quasi-peak ; "Margin" refers to the data under 6dB.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 1	Data Rate	11Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4824.0000	42.76	1.46	44.22	74.00	-29.78	peak
2	7236.0000	41.95	9.38	< 51.33	74.00	-22.67	peak
3	9648.0000	43.12	6.70	< 49.82	74.00	-24.18	peak
4	12060.0000	39.24	14.07	< 53.31	74.00	-20.69	peak
5	14472.0000	42.55	8.76	< 51.31	74.00	-22.69	peak
6	16884.0000	44.10	5.87	< 49.97	74.00	-24.03	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

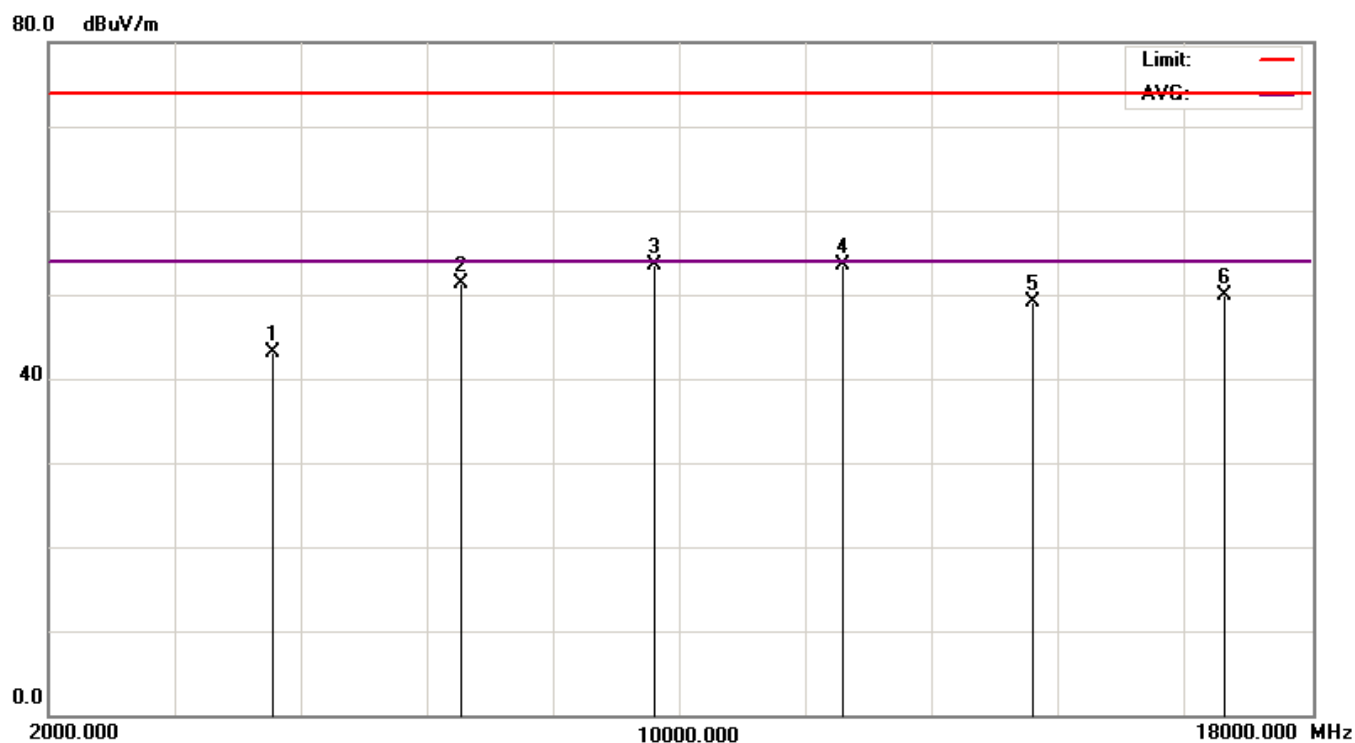
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 1	Data Rate	11Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4824.0000	41.57	1.61	43.18	74.00	-30.82	peak
2	7236.0000	42.59	8.70	< 51.29	74.00	-22.71	peak
3	9648.0000	43.46	10.06	< 53.52	74.00	-20.48	peak
4	12060.0000	37.08	16.52	< 53.60	74.00	-20.40	peak
5	14472.0000	42.00	7.17	< 49.17	74.00	-24.83	peak
6	16884.0000	44.13	5.79	< 49.92	74.00	-24.08	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.



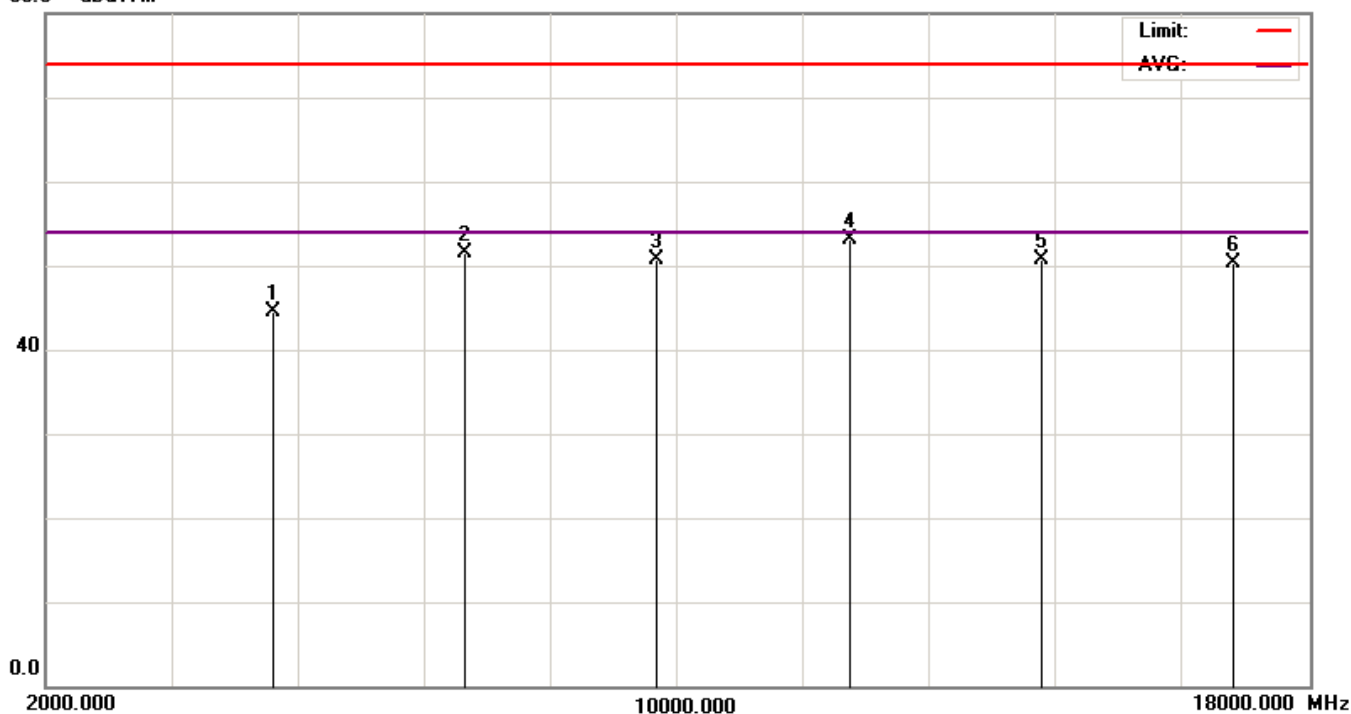
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 6	Data Rate	11Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4874.0000	43.05	1.42	44.47	74.00	-29.53	peak
2	7311.0000	42.23	9.29	< 51.52	74.00	-22.48	peak
3	9748.0000	43.72	6.98	< 50.70	74.00	-23.30	peak
4	12185.0000	41.41	11.71	< 53.12	74.00	-20.88	peak
5	14622.0000	41.67	8.98	< 50.65	74.00	-23.35	peak
6	17059.0000	43.10	7.11	< 50.21	74.00	-23.79	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. $\text{Measurement} = \text{Reading} + \text{Factor}$ (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. $\text{Correction Factor} = \text{Antenna Factor} + \text{Cable Loss} - \text{Amplifier Factor}$
6. $\text{Margin Value} = \text{Measurement} - \text{Limit value}$.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

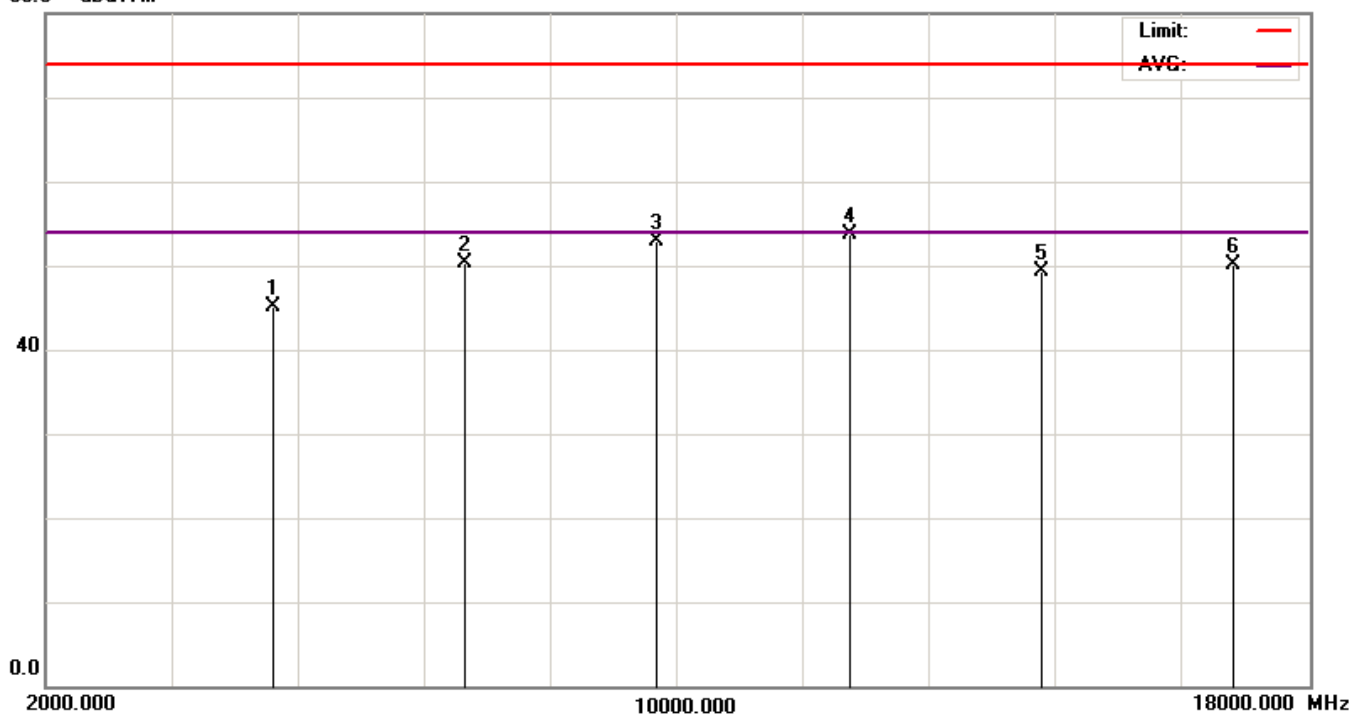
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 6	Data Rate	11Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4874.0000	43.03	2.00	45.03	74.00	-28.97	peak
2	7311.0000	41.68	8.58	< 50.26	74.00	-23.74	peak
3	9748.0000	43.12	9.81	< 52.93	74.00	-21.07	peak
4	12185.0000	39.63	14.15	< 53.78	74.00	-20.22	peak
5	14622.0000	42.03	7.25	< 49.28	74.00	-24.72	peak
6	17059.0000	43.15	6.95	< 50.10	74.00	-23.90	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

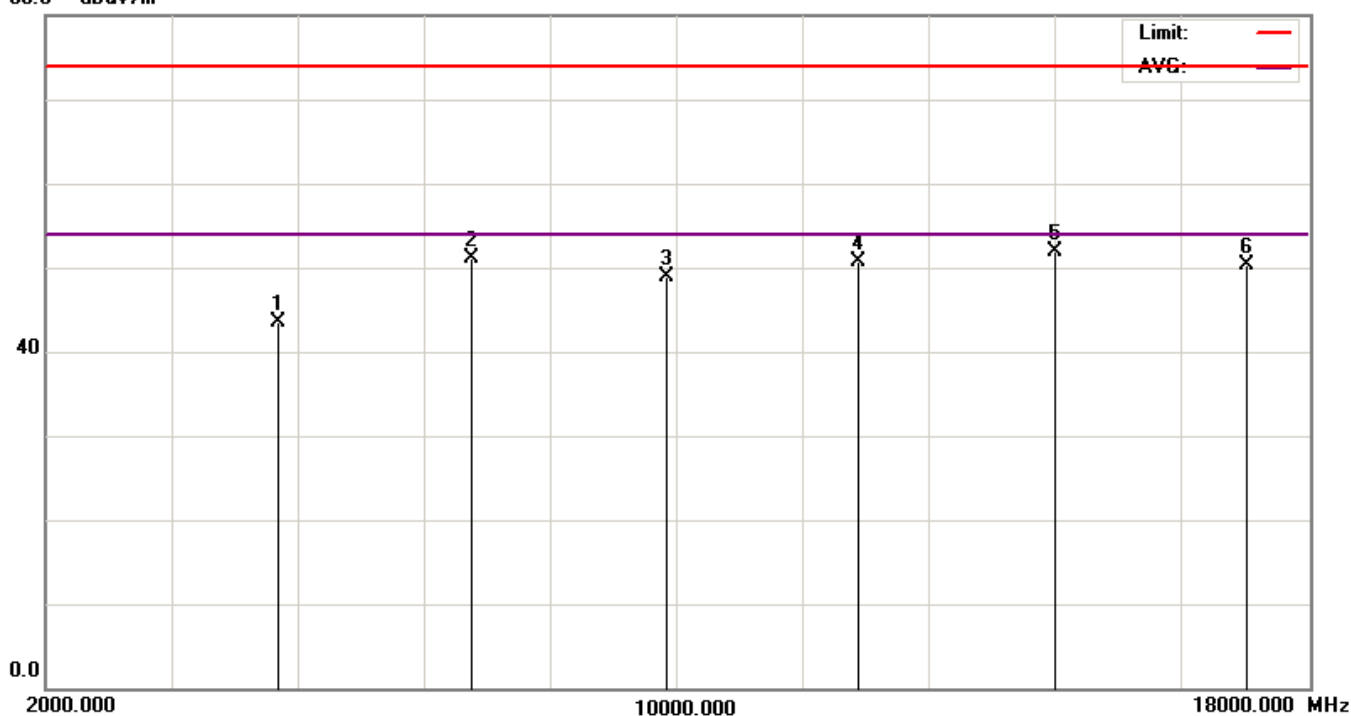
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 11	Data Rate	11Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4924.0000	42.16	1.39	43.55	74.00	-30.45	peak
2	7386.0000	42.14	9.00	< 51.14	74.00	-22.86	peak
3	9848.0000	43.26	5.68	< 48.94	74.00	-25.06	peak
4	12310.0000	41.64	9.16	< 50.80	74.00	-23.20	peak
5	14772.0000	42.75	9.20	< 51.95	74.00	-22.05	peak
6	17234.0000	42.71	7.55	< 50.26	74.00	-23.74	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

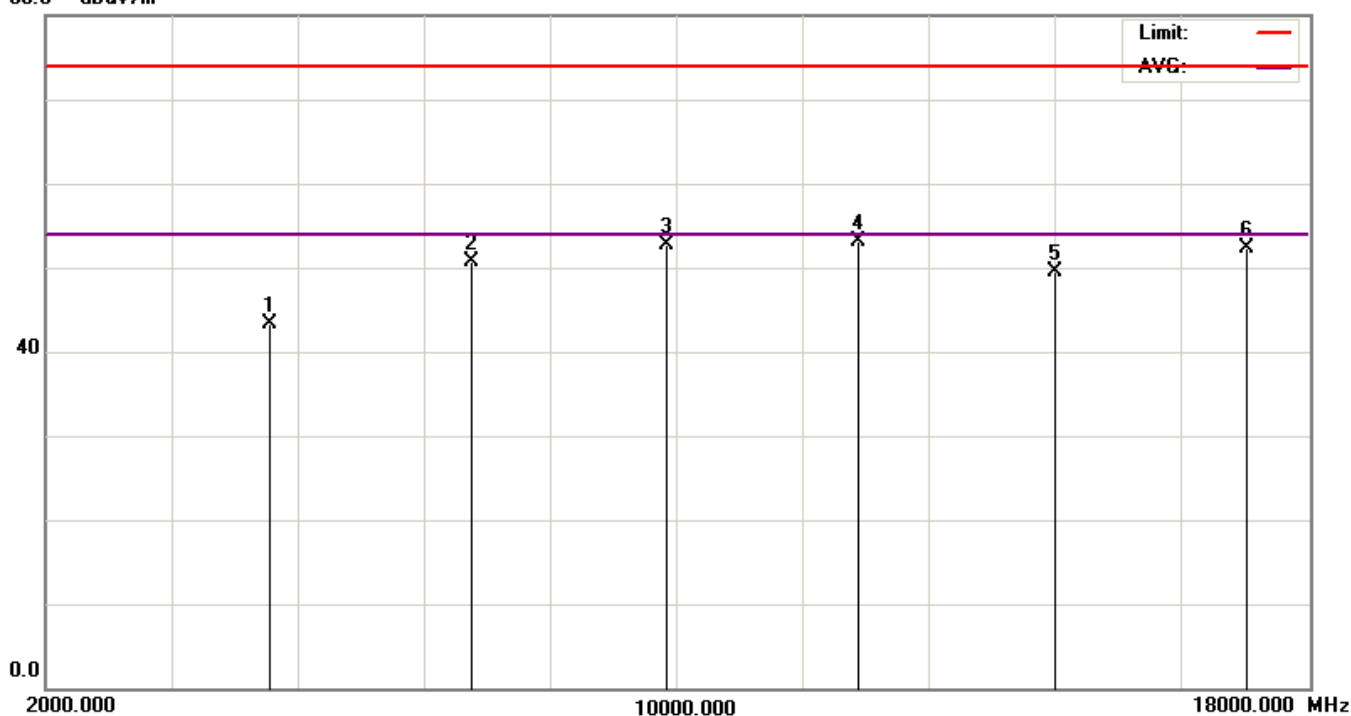
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 1 (802.11b) Channel 11	Data Rate	11Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4824.3000	41.69	2.38	44.07	74.00	-29.93	peak
2	7386.3000	42.33	8.45	< 50.78	74.00	-23.22	peak
3	9848.3000	42.97	9.78	< 52.75	74.00	-21.25	peak
4	12310.3000	41.37	11.71	< 53.08	74.00	-20.92	peak
5	14772.3000	42.13	7.45	< 49.58	74.00	-24.42	peak
6	17234.3000	42.99	9.28	< 52.27	74.00	-21.73	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

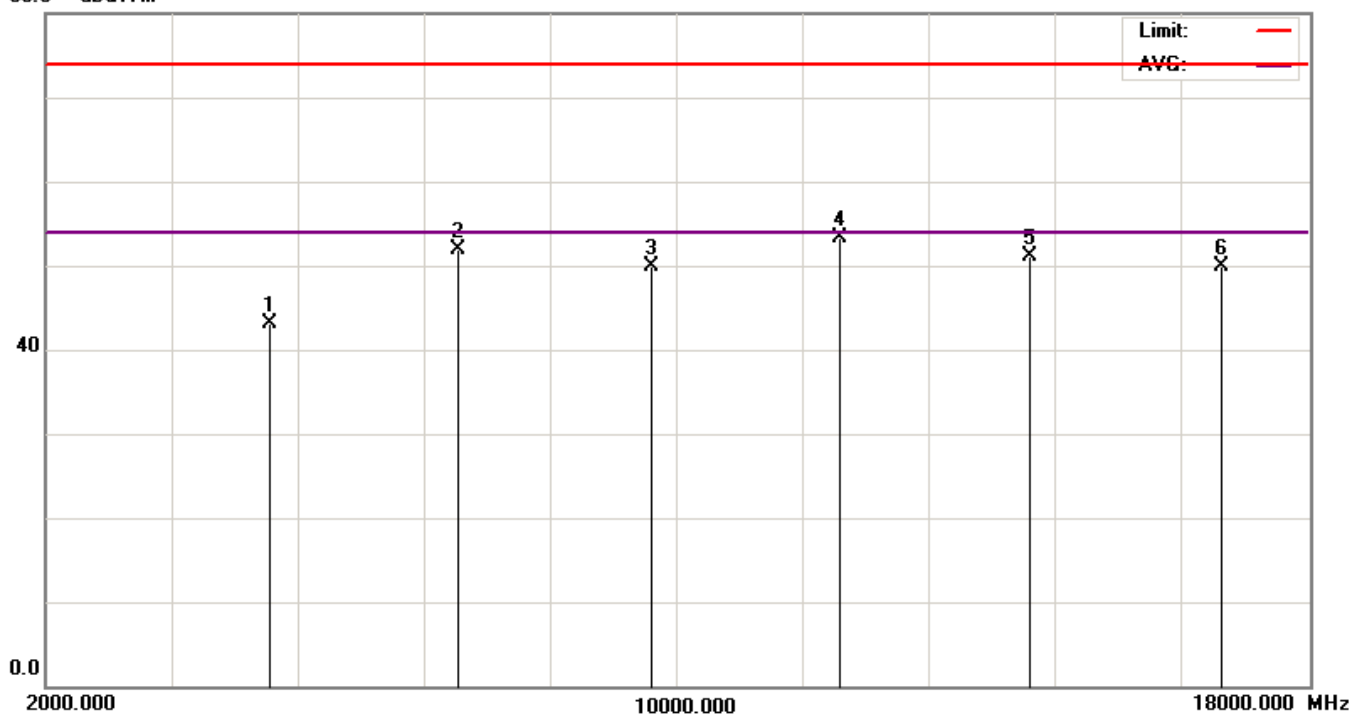
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 1	Data Rate	54Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4824.3000	41.71	1.46	43.17	74.00	-30.83	peak
2	7236.3000	42.54	9.39	< 51.93	74.00	-22.07	peak
3	9648.3000	43.29	6.70	< 49.99	74.00	-24.01	peak
4	12060.3000	39.15	14.06	< 53.21	74.00	-20.79	peak
5	14472.3000	42.35	8.76	< 51.11	74.00	-22.89	peak
6	16884.3000	43.99	5.87	< 49.86	74.00	-24.14	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

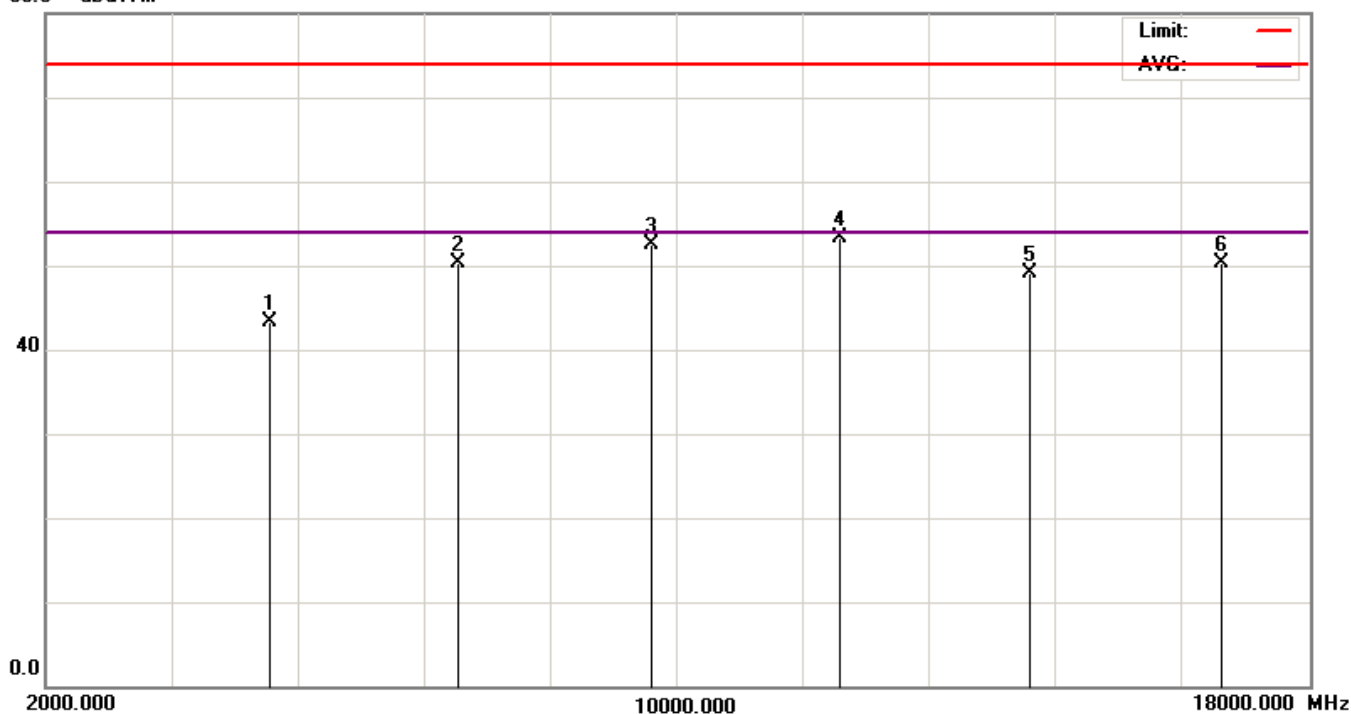
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 1	Data Rate	54Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4827.3000	41.70	1.64	43.34	74.00	-30.66	peak
2	7239.3000	41.64	8.70	< 50.34	74.00	-23.66	peak
3	9651.3000	42.39	10.05	< 52.44	74.00	-21.56	peak
4	12060.3000	36.75	16.51	< 53.26	74.00	-20.74	peak
5	14472.3000	41.89	7.17	< 49.06	74.00	-24.94	peak
6	16884.3000	44.58	5.79	< 50.37	74.00	-23.63	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

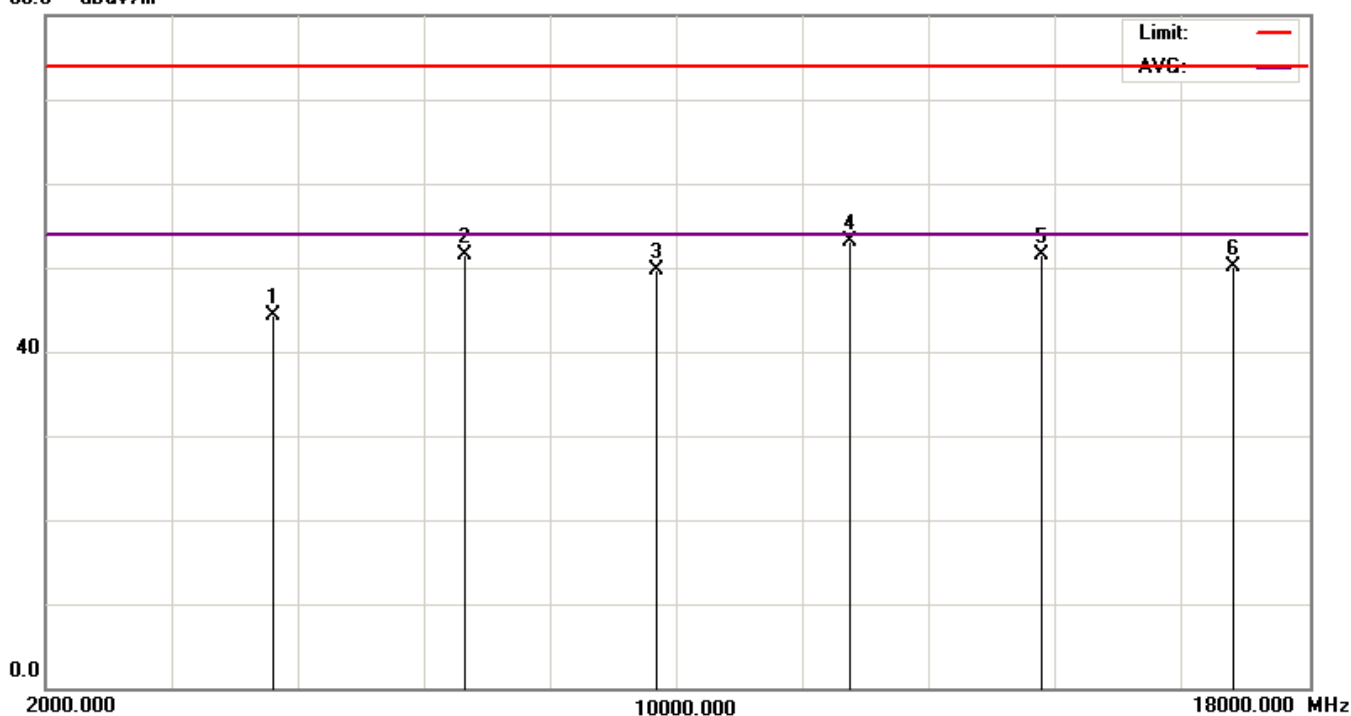
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 6	Data Rate	54Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4874.3000	42.83	1.42	44.25	74.00	-29.75	peak
2	7311.3000	42.26	9.29	< 51.55	74.00	-22.45	peak
3	9748.3000	42.72	6.98	< 49.70	74.00	-24.30	peak
4	12185.3000	41.34	11.70	< 53.04	74.00	-20.96	peak
5	14622.6000	42.50	8.98	< 51.48	74.00	-22.52	peak
6	17059.6000	42.91	7.11	< 50.02	74.00	-23.98	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. $\text{Measurement} = \text{Reading} + \text{Factor}$ (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

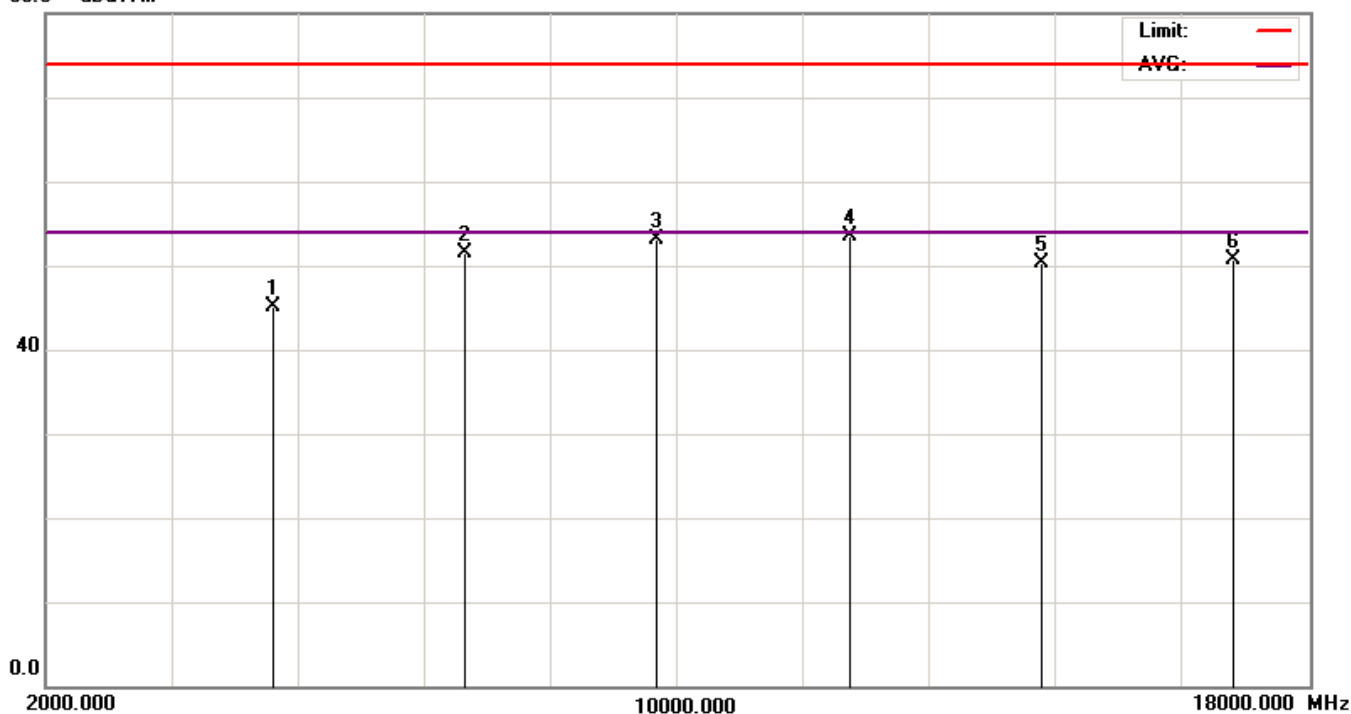
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 6	Data Rate	54Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4874.0000	43.18	2.00	45.18	74.00	-28.82	peak
2	7311.0000	42.85	8.58	< 51.43	74.00	-22.57	peak
3	9748.0000	43.35	9.81	< 53.16	74.00	-20.84	peak
4	12185.0000	39.39	14.15	< 53.54	74.00	-20.46	peak
5	14622.3000	43.15	7.25	< 50.40	74.00	-23.60	peak
6	17059.3000	43.68	6.95	< 50.63	74.00	-23.37	peak

Remark

- All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
- Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
- Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
- Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
- Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
- Margin Value= Measurement -Limit value.
- The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

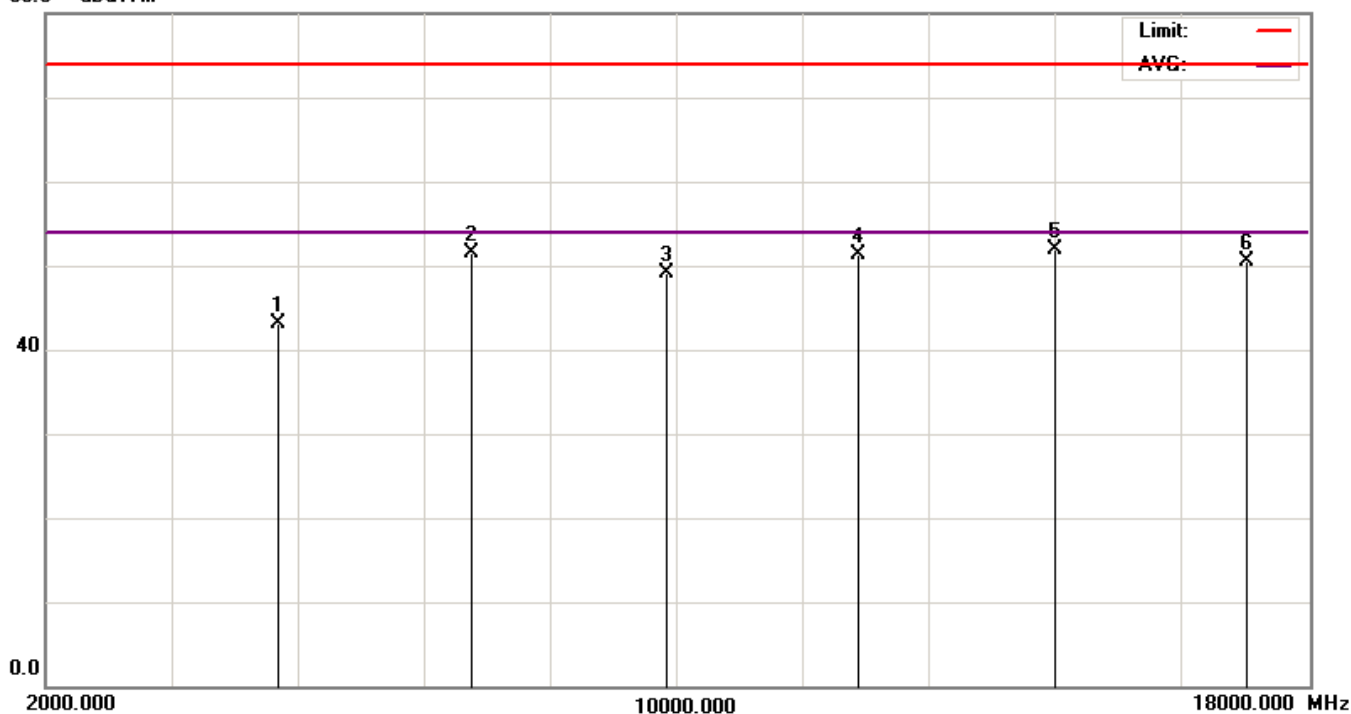
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 11	Data Rate	54Mbps
Antenna distance	3m at Horizontal	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4924.3000	41.80	1.38	43.18	74.00	-30.82	peak
2	7386.3000	42.58	9.00	< 51.58	74.00	-22.42	peak
3	9848.3000	43.51	5.68	< 49.19	74.00	-24.81	peak
4	12310.3000	42.21	9.16	< 51.37	74.00	-22.63	peak
5	14772.3000	42.63	9.20	< 51.83	74.00	-22.17	peak
6	17234.3000	42.87	7.55	< 50.42	74.00	-23.58	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

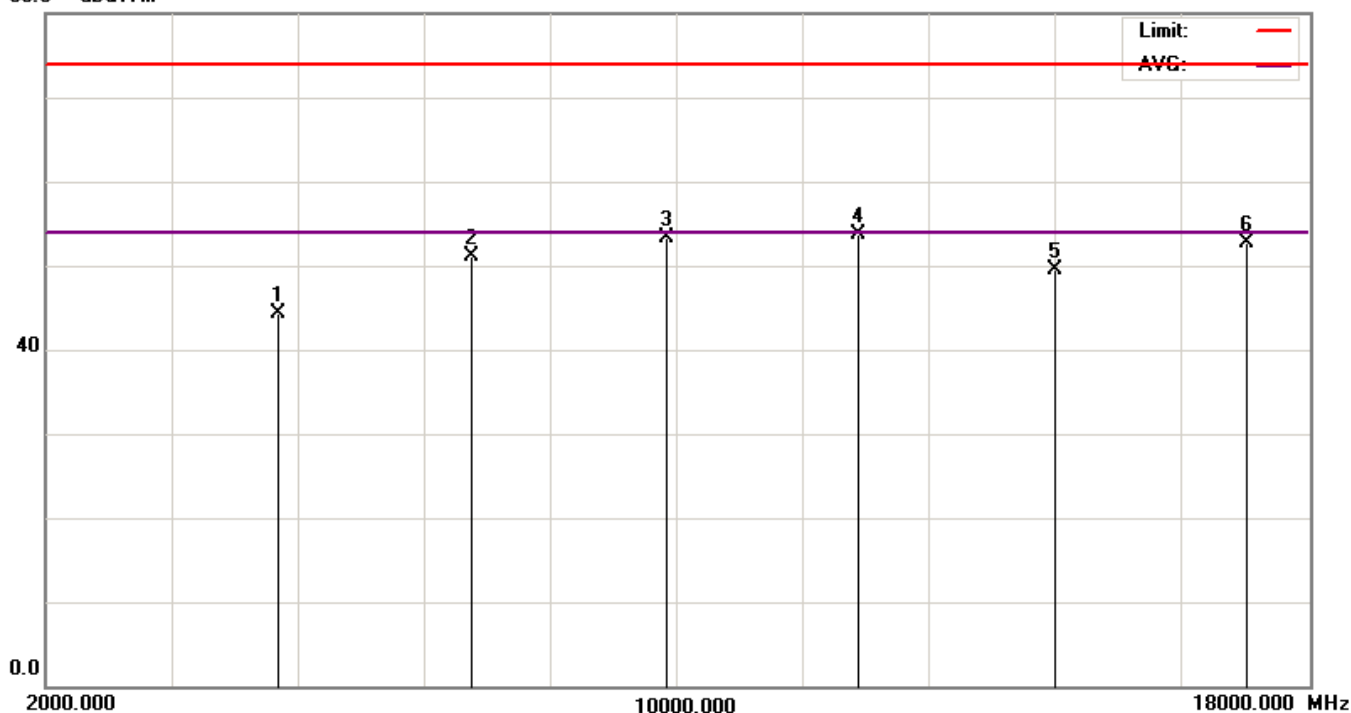
Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

Date of Test	Septebmer 19, 2007	Temperature	24.4 deg/C
EUT	Digital Media Player	Humidity	61 %RH
Working Cond.	Mode 2 (802.11g) Channel 11	Data Rate	54Mbps
Antenna distance	3m at Vertical	Frequency Range	Above 1GHz

No.	Frequency MHz	Reading Level dB μ V	Factor dB	Measurement dB μ V/m	Limit dB μ V/m	Over Limit dB	Detector
1	4924.3000	41.88	2.38	44.26	74.00	-29.74	peak
2	7386.3000	42.73	8.45	< 51.18	74.00	-22.82	peak
3	9848.3000	43.62	9.78	< 53.40	74.00	-20.60	peak
4	12310.3000	41.90	11.71	< 53.61	74.00	-20.39	peak
5	14772.3000	42.11	7.45	< 49.56	74.00	-24.44	peak
6	17234.3000	43.48	9.28	< 52.76	74.00	-21.24	peak

Remark

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ, Span=100MHz.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=30HZ, Span=20MHz.
4. **Measurement = Reading + Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).**
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor
6. Margin Value= Measurement -Limit value.
7. The average measurement was not performed when the peak measured data under the limit of average detection. If the average value is measured, peak measurement should also be supplied.

80.0 dB μ V/m

Remark: 1. The "Limit" in right-up corner in above diagram refers to peak ; "AVG" refers to the limit of Average.

5. PEAK POWER OUTPUT

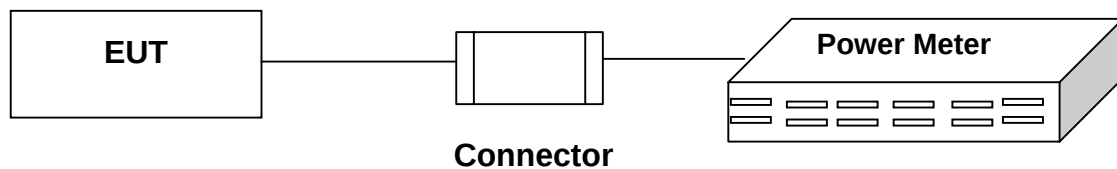
5.1 TEST EQUIPMENT

The following test equipments are used during the Conduct tests:

Item	Instrument	Manufacturer	Model	Serial No.	Last Cal.
1	Spectrum Analyzer	HP	E4407B	US39240339	08/07/07
2	Power Meter	R & S	NRVS	100666	04/04/07
3	Peak Power Sensor	R & S	NRV-Z32	836019-058	04/04/07

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

5.2 BLOCK DIAGRAM OF TEST SETUP



5.3 PEAK POWER OUTPUT LIMIT

The maximum peak power shall be less 1 Watt.

5.4 TEST RESULT

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Test Mode	Mode 1 (802.11b)	Data Rate	11Mbps

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
1	2412	18.35	1W(30dBm)	Pass
6	2437	18.25	1W(30dBm)	Pass
11	2462	18.29	1W(30dBm)	Pass

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Test Mode	Mode 2 (802.11g)	Data Rate	54Mbps

Channel No.	Frequency (MHz)	Measurement (dBm)	Required Limit	Result
1	2412	20.39	1W(30dBm)	Pass
6	2437	20.07	1W(30dBm)	Pass
11	2462	19.89	1W(30dBm)	Pass

6. BAND EDGE

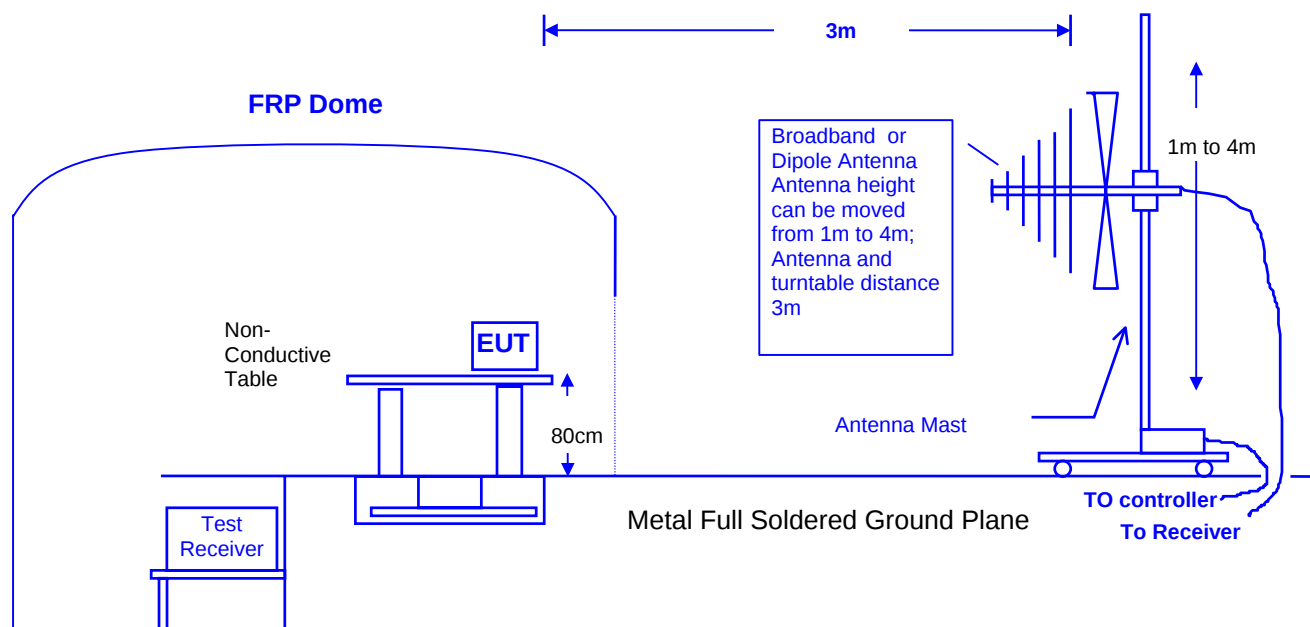
6.1 TEST EQUIPMENT

Item	Instrument	Manufacturer	Model	Serial No.	Last Cal.
1	Test Receiver	R & S	ESCS30	100352	01/12/07
2	Spectrum Analyzer	HP	8568B	N/A	01/24/07
3	Spectrum Analyzer	HP	E4407B	US39240339	08/07/07
4	Power Meter	R & S	NRVS	100666	04/04/07
5	Peak Power Sensor	R & S	NRV-Z32	836019-058	04/04/07
6	Pre-Amplifier	EMV-Technik	PA303	N/A	04/19/07
7	Trilog-Broadband Antenna	SCHWARZBECK	VULB 9168	9168-251	03/10/07
8	HORN ANTENNA	SCHWARZBECK	BBHA 9120	D243	12/25/06
9	RF Cable	GTK	N/A	GTK-E-A344-01	04/18/07
10	OPEN SITE	GTK	N/A	B1	11/20/06
11	Test Program Software	GesTek	N/A	GTK-E-S001-01	N/A

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

6.2 BLOCK DIAGRAM OF TEST SETUP

◎ RF Radiated Measurement: ◎



6.3 BAND EDGE LIMIT

In any 100KHz 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 100KHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a 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)).

6.4 EUT CONFIGURATION

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 C63.4:2000 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120KHz, above 1GHz are 1MHz.

6.5 OPERATING CONDITION OF EUT

Same as section 2.7.

6.6 TEST RELULT

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps
Antenna distance	3m at Horizontal	Test Band	Lower

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2412.8	76.39	31.47	107.86

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2410.8	68.25	31.47	99.72

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The polt for peak is appear (53.18)dB delta between carry power and maximum emission in restrict band 2374.2 MHz. The plot for average is appear (53.42)dB delta between carry power and maximum emission in restrict band (2319.8)MHz.

The above tables are list of fundamental emission test result.

Therefore, peak field strength of 2374.2 MHz is

107.86 dBuV/m – 53.18 dB = 54.68 dBuV/m which is under 74dBuV/m.

Average field strength of 2319.8 MHz is

99.72 dBuV/m – 53.42 dB = 46.3 dBuV/m which is under 54dBuV/m.

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps
Antenna distance	3m at Vertical	Test Band	Lower

Radiation Emission of Fundamental

Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2411.0	82.31	24.45	106.76

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2411.8	73.20	24.44	97.64

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The plot for peak is appear (53.18)dB delta between carry power and maximum emission in restrict band 2374.2 MHz. The plot for average is appear (53.42)dB delta between carry power and maximum emission in restrict band (2319.8)MHz.

The above tables are list of fundamental emission test result.

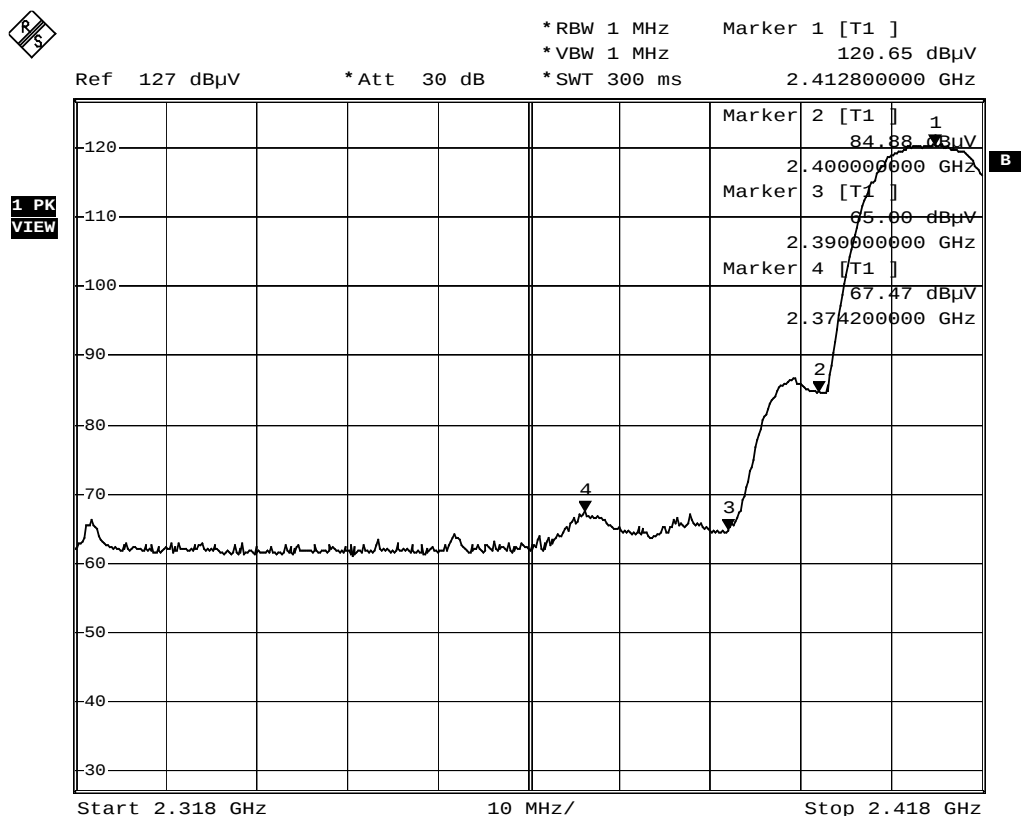
Therefore, peak field strength of 2374.2 MHz is

106.76 dBuV/m – 53.18 dB = 53.58 dBuV/m which is under 74dBuV/m.

Average field strength of 2319.8 MHz is

97.64 dBuV/m – 53.42 dB = 44.22 dBuV/m which is under 54dBuV/m.

PEAK



Date: 20.SEP.2007 14:44:36

AVERAGE



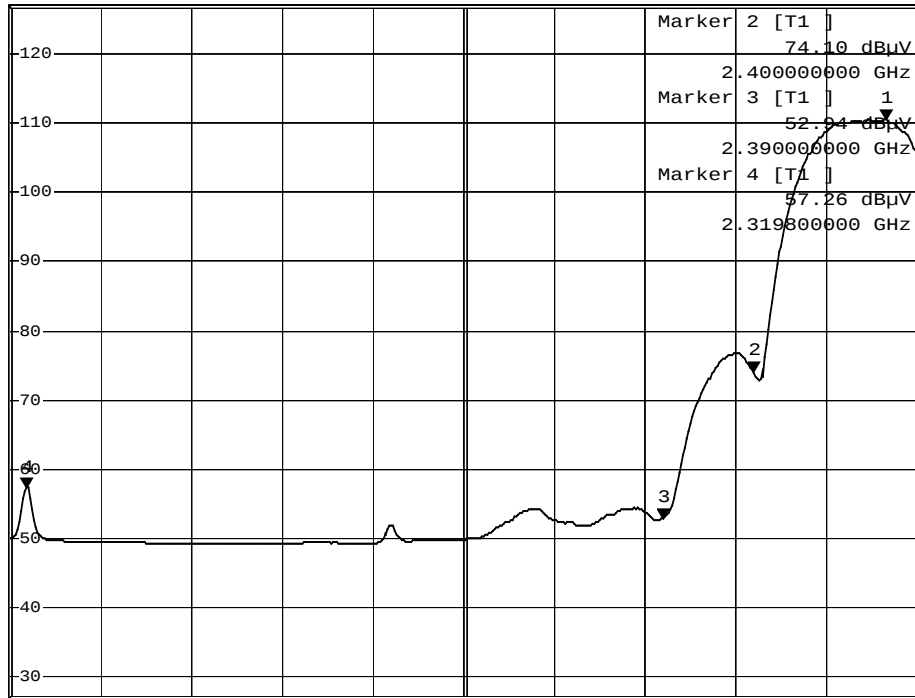
*RBW 1 MHz Marker 1 [T1]
 *VBW 10 Hz 110.68 dBμV
 SWT 25 s 2.414600000 GHz

Ref 127 dBμV

*Att 30 dB

2.414600000 GHz

1 PK
VIEW



Center 2.368 GHz

10 MHz/

Span 100 MHz

Date: 20.SEP.2007 14:59:50

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps
Antenna distance	3m at Horizontal	Test Band	Higher

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2463.5	73.58	31.35	104.93

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2462.8	65.28	31.36	96.64

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The plot for peak is appear (52.67)dB delta between carry power and maximum emission in restrict band 2500.0 MHz. The plot for average is appear (55.03)dB delta between carry power and maximum emission in restrict band (2486.8)MHz.

The above tables are list of fundamental emission test result.

Therefore, peak field strength of 2500.0 MHz is

104.93 dBuV/m – 52.67 dB = 52.26 dBuV/m which is under 74dBuV/m.

Average field strength of 2486.8 MHz is

96.64 dBuV/m – 55.03 dB = 41.61 dBuV/m which is under 54dBuV/m.

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps
Antenna distance	3m at Vertical	Test Band	Higher

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2460.5	82.48	23.65	106.13

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2461.5	73.71	23.64	97.35

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The polt for peak is appear (52.67)dB delta between carry power and maximum emission in restrict band 2500.0 MHz. The plot for average is appear (55.03)dB delta between carry power and maximum emission in restrict band (2486.8)MHz.

The above tables are list of fundamental emission test result.

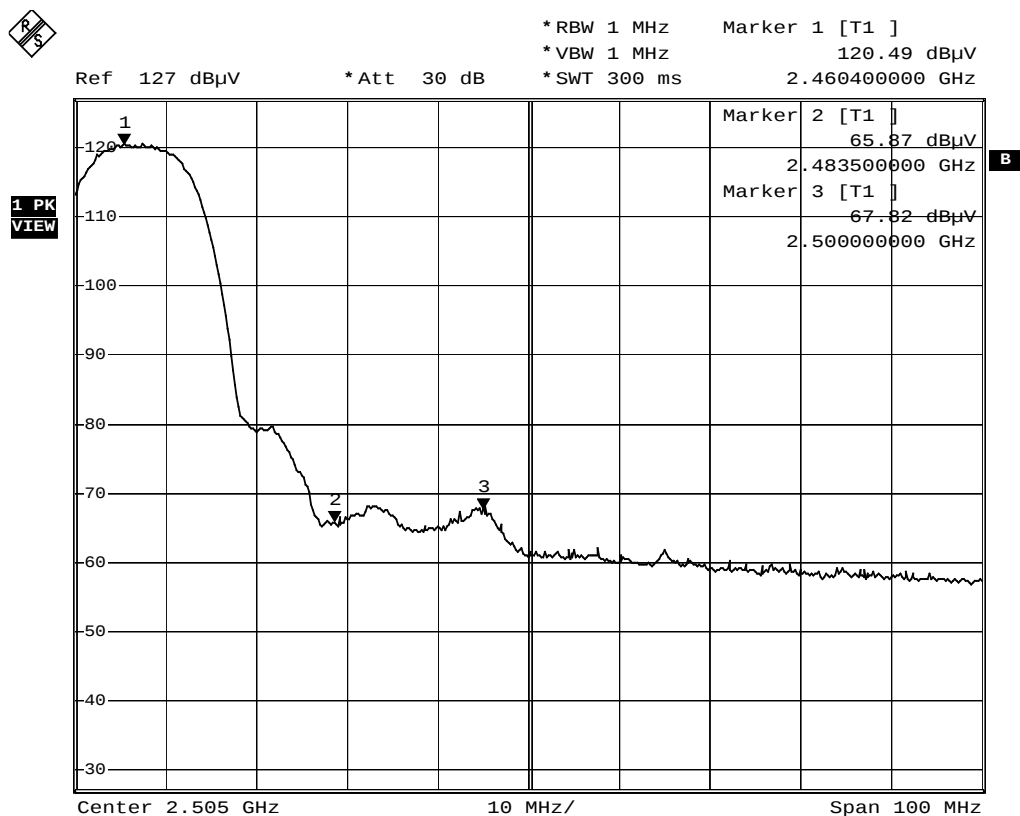
Therefore, peak field strength of 2500.0 MHz is

106.13 dBuV/m – 52.67 dB = 53.46 dBuV/m which is under 74dBuV/m.

Average field strength of 2486.8 MHz is

97.35 dBuV/m – 55.03 dB = 42.32 dBuV/m which is under 54dBuV/m.

PEAK



Date: 20.SEP.2007 15:06:12

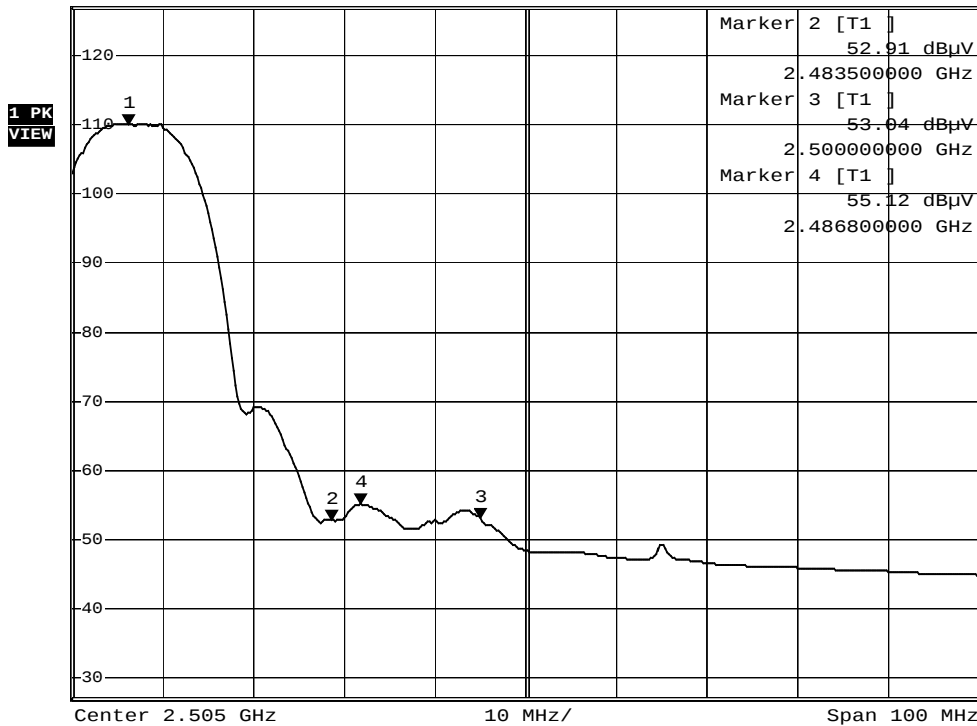
AVERAGE



*RBW 1 MHz Marker 1 [T1]
 *VBW 10 Hz 110.15 dBμV
 SWT 25 s 2.461200000 GHz

Ref 127 dBμV

*Att 30 dB



Date: 20.SEP.2007 15:14:01

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps
Antenna distance	3m at Horizontal	Test Band	Lower

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2416.5	73.98	31.46	105.44

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2417.3	61.23	31.46	92.69

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The plot for peak is appear (36.32)dB delta between carry power and maximum emission in restrict band 2389.4 MHz. The plot for average is appear (43.32)dB delta between carry power and maximum emission in restrict band (2390.0)MHz.

The above tables are list of fundamental emission test result.

Therefore, peak field strength of 2389.4 MHz is

105.44 dBuV/m – 36.32 dB = 69.12 dBuV/m which is under 74dBuV/m.

Average field strength of 2390.0 MHz is

92.69 dBuV/m – 43.32 dB = 49.37 dBuV/m which is under 54dBuV/m.

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps
Antenna distance	3m at Vertical	Test Band	Lower

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2416.3	81.05	24.37	105.42

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2408.5	67.52	24.49	92.01

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The plot for peak is appear (36.32)dB delta between carry power and maximum emission in restrict band 2389.4 MHz. The plot for average is appear (43.32)dB delta between carry power and maximum emission in restrict band (2390.0)MHz.

The above tables are list of fundamental emission test result.

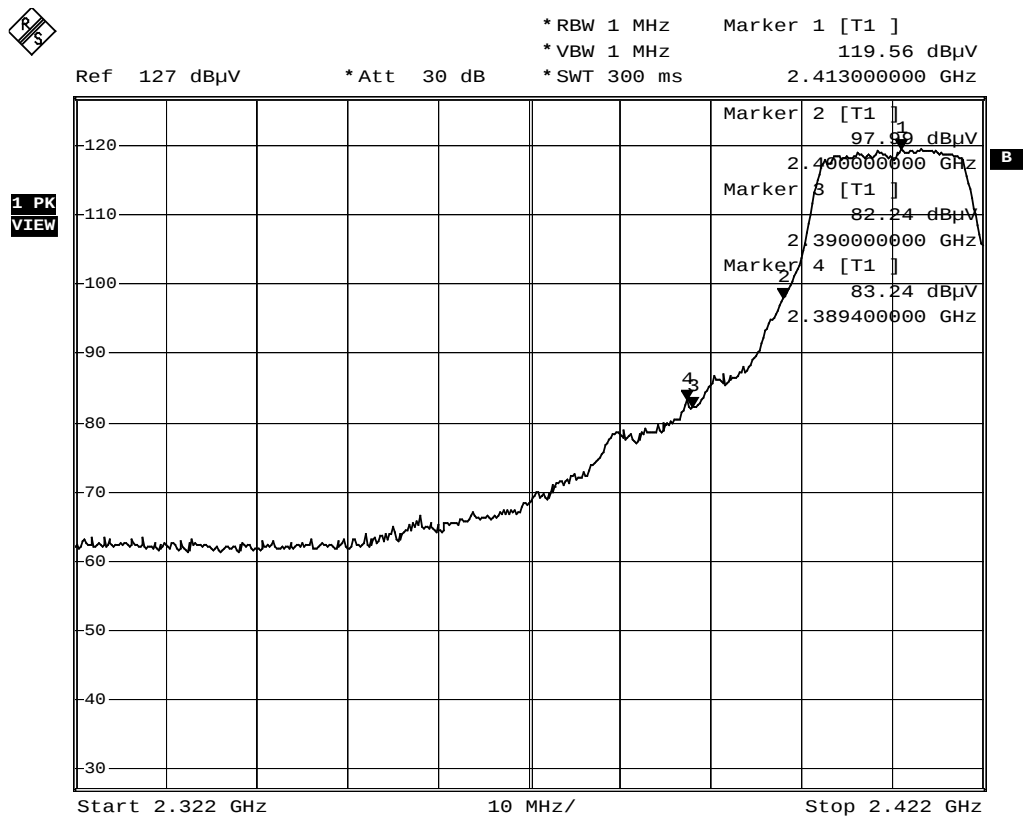
Therefore, peak field strength of 2389.4 MHz is

105.42 dBuV/m – 36.32 dB = 69.10dBuV/m which is under 74dBuV/m.

Average field strength of 2390.0 MHz is

92.01 dBuV/m – 44.43 dB = 48.69 dBuV/m which is under 54dBuV/m.

PEAK



Date: 20.SEP.2007 15:23:50

AVERAGE

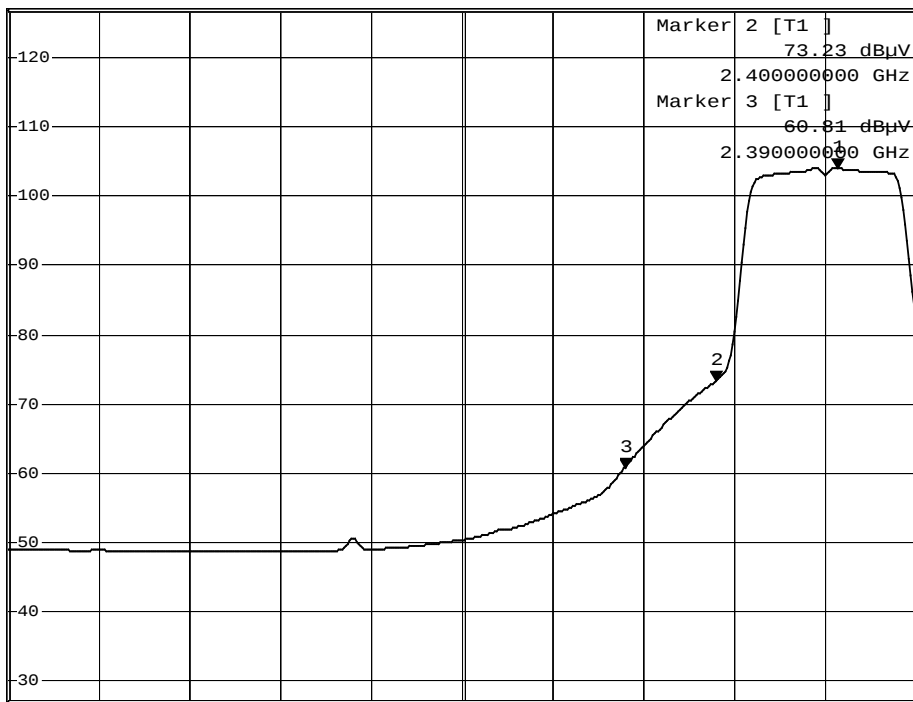


*RBW 1 MHz Marker 1 [T1]
 *VBW 10 Hz 104.13 dBμV
 SWT 25 s 2.413400000 GHz

Ref 127 dBμV

*Att 30 dB

1 PK
VIEW



Center 2.372 GHz

10 MHz/

Span 100 MHz

Date: 20.SEP.2007 15:49:03

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps
Antenna distance	3m at Horizontal	Test Band	Higher

Radiation Emission of Fundamental Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2463.3	72.70	31.35	104.05

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2463.5	60.06	31.35	91.41

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The polt for peak is appear (35.42)dB delta between carry power and maximum emission in restrict band 2484.0 MHz. The plot for average is appear (43.31)dB delta between carry power and maximum emission in restrict band (2483.5)MHz.

The above tables are list of fundamental emission test result.

Therefore, peak field strength of 2484.0 MHz is

104.05 dBuV/m – 35.42 dB = 68.63 V/m which is under 74dBuV/m.

Average field strength of 2483.5 MHz is

91.41 dBuV/m – 43.31 dB = 48.10 dBuV/m which is under 54dBuV/m.

Date of Test	September 20, 2007	Temperature	24.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps
Antenna distance	3m at Vertical	Test Band	Higher

Radiation Emission of Fundamental

Peak

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2463.3	80.94	23.60	104.54

Average

Frequency [MHz]	Reading Level [dB(uV)]	Correction Factor [dB/m]	Emission Level [dB(uV/m)]
2463.8	68.09	23.60	91.69

Remark:

1. All Readings below 1GHz are Quasi-Peak and above 1GHz are peak or average.
2. Spectrum Analyzer Setting(Peak Detector): RBW=1MHz, VBW=1MHZ.
3. Spectrum Analyzer Setting(AVG Detector): RBW=1MHz, VBW=10HZ
4. Emission Level= Reading + Correction Factor (Could have ± 0.01 tolerance due to computer automatically round off calculation).
5. Correction Factor= Antenna Factor + Cable Loss – Amplifier Factor

TEST Result

The band edge emission plot on next page are Peak and Average. The plot for peak is appear (35.42)dB delta between carry power and maximum emission in restrict band 2484.0 MHz. The plot for average is appear (43.31)dB delta between carry power and maximum emission in restrict band (2483.5)MHz.

The above tables are list of fundamental emission test result.

Therefore, peak field strength of 2484.0 MHz is

104.54dBuV/m – 35.42 dB = 69.12 dBuV/m which is under 74dBuV/m.

Average field strength of 2483.5 MHz is

91.69 dBuV/m – 43.31 dB = 48.38 dBuV/m which is under 54dBuV/m.

PEAK

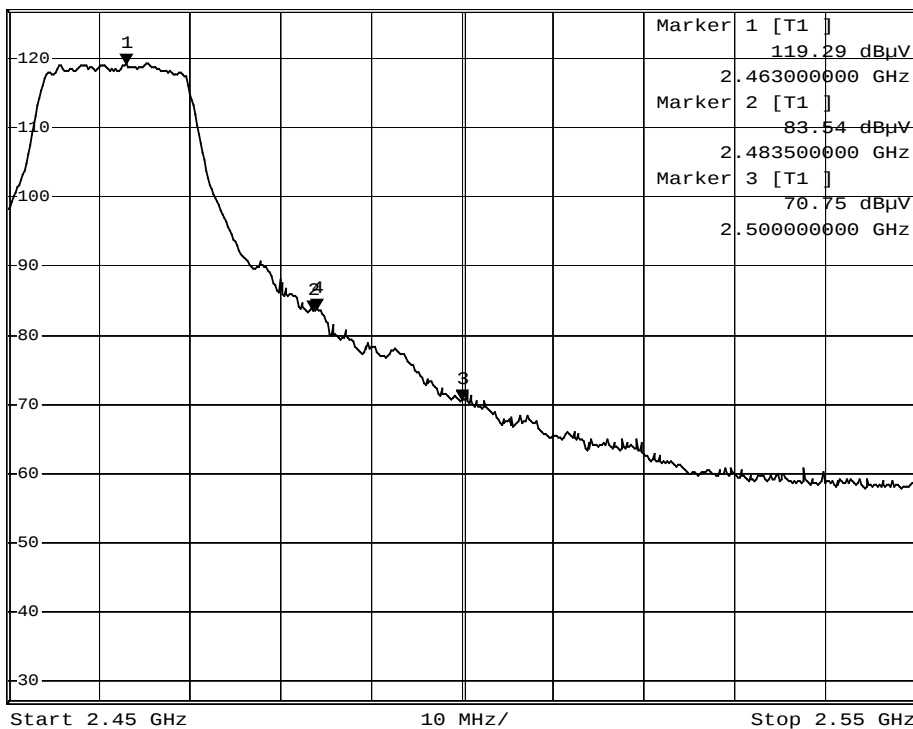


*RBW 1 MHz Marker 4 [T1]
 *VBW 1 MHz 83.87 dBμV
 *SWT 300 ms 2.484000000 GHz

Ref 127 dBμV

*Att 30 dB

1 PK
VIEW



Date: 20.SEP.2007 16:00:04

AVERAGE



*RBW 1 MHz

Marker 1 [T1]

*VBW 10 Hz

104.18 dBμV

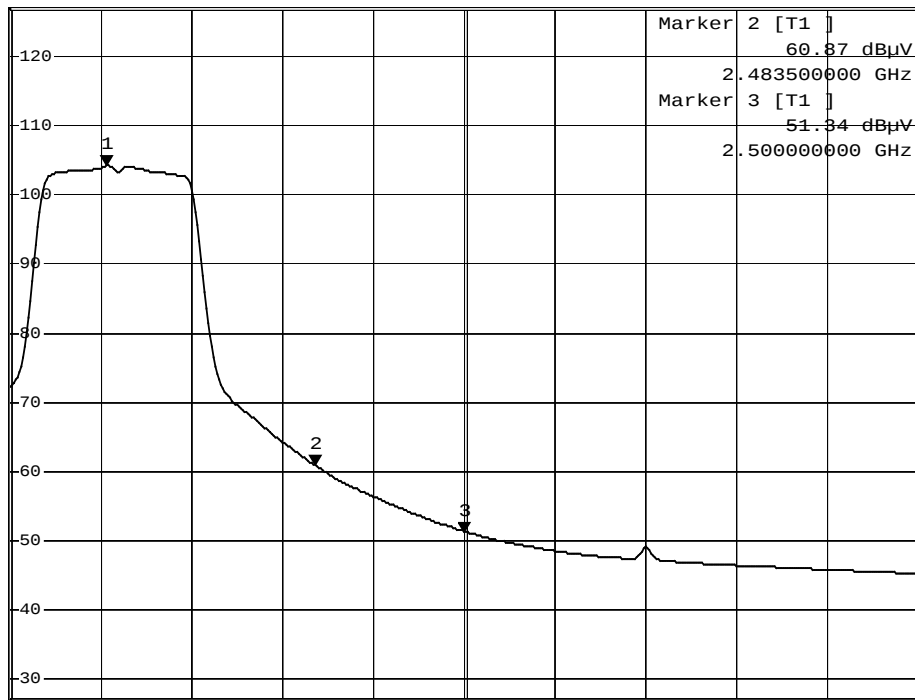
SWT 25 s

2.460600000 GHz

Ref 127 dBμV

*Att 30 dB

1 PK
VIEW



Center 2.5 GHz

10 MHz/

Span 100 MHz

Date: 20.SEP.2007 16:15:42

7. OCCUPIED BANDWIDTH

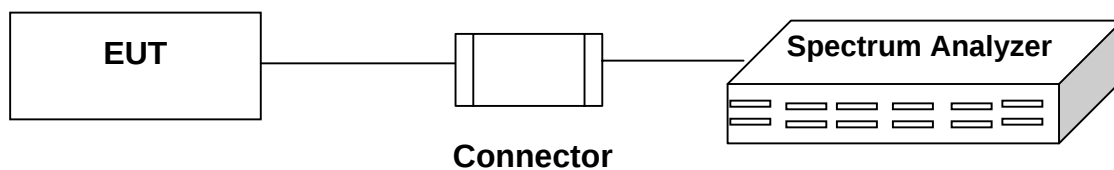
7.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	Serial No.	Last Cal.
1	Spectrum Analyzer	RS	FSP40	100061	04/09/07
2	Spectrum Analyzer	HP	E4407B	US39240339	08/07/07

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

7.2 BLOCK DIAGRAM OF TEST SETUP



7.3 LIMIT

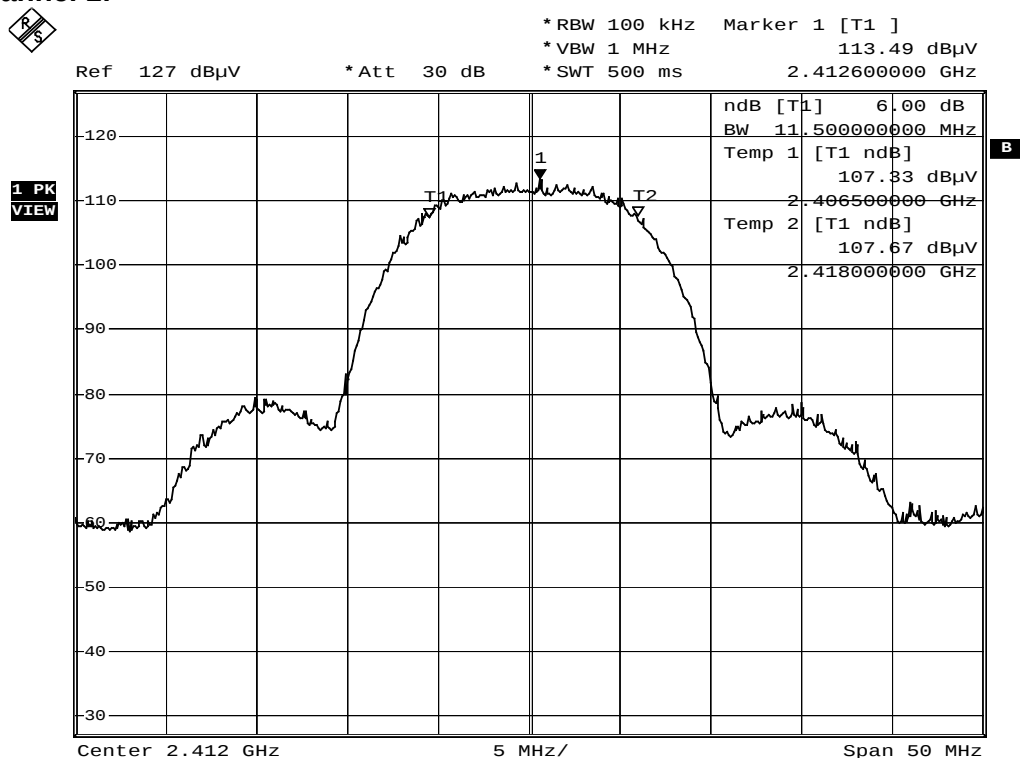
WLAN: The minimum 6dB bandwidth shall be at least 500KHz.

7.4 TEST RESULT

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps

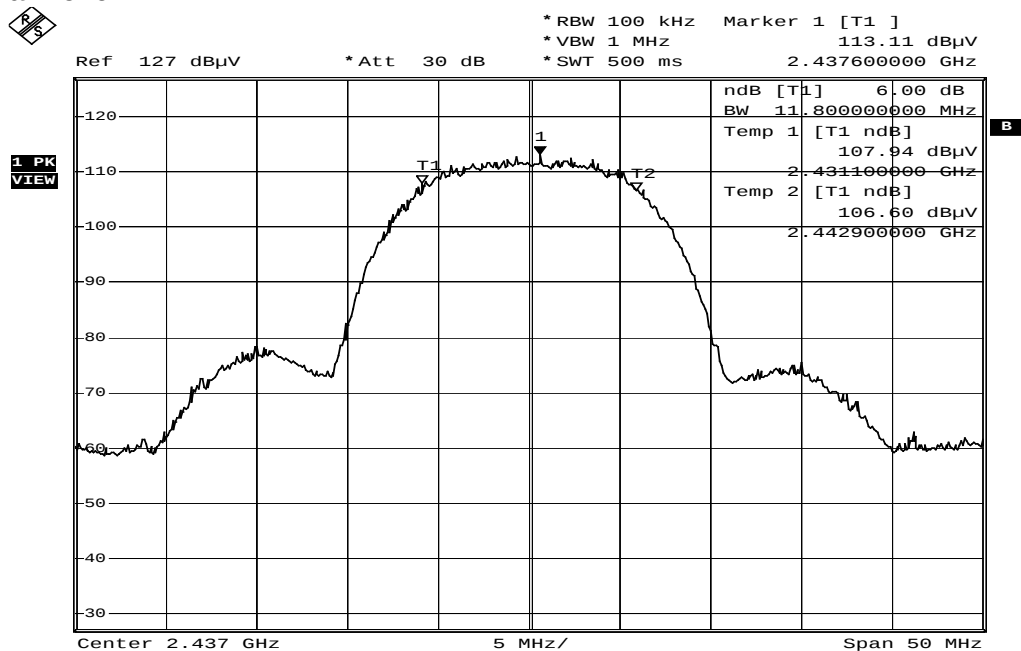
Channel No.	Frequency (MHz)	Bandwidth (MHz)	Required limit (KHz)	Result
1	2412	11.5	>500	Pass
6	2437	11.8	>500	Pass
11	2462	11.5	>500	Pass

Figure Channel 1:



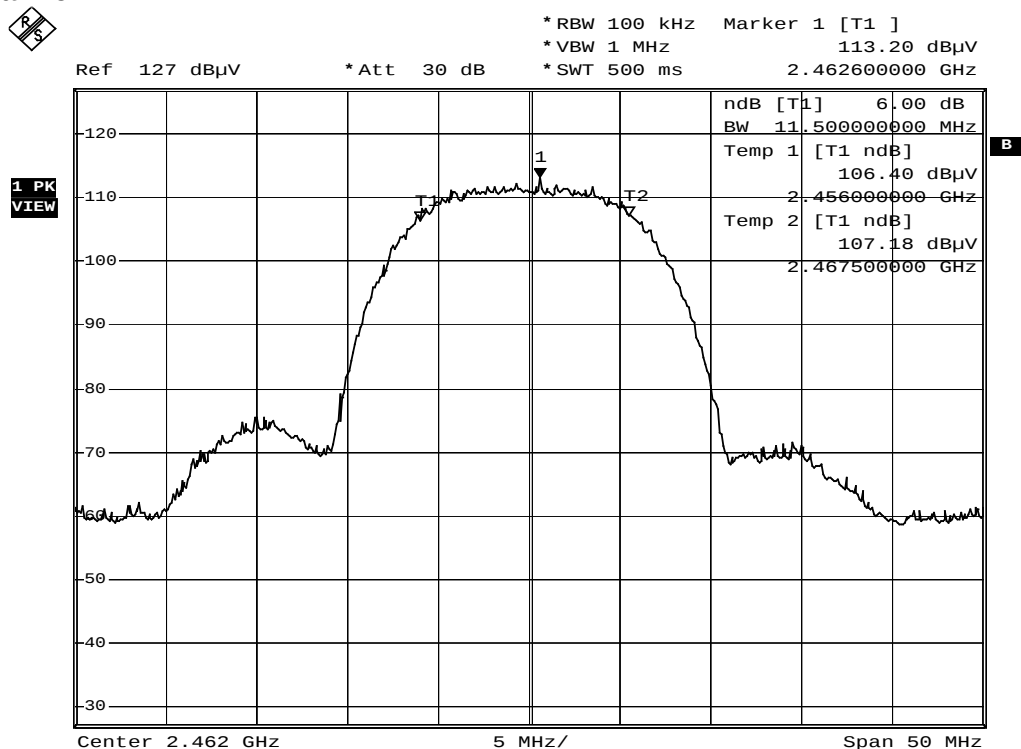
Date: 26.SEP.2007 12:17:19

Figure Channel 6:



Date: 26.SEP.2007 12:19:19

Figure Channel 11:

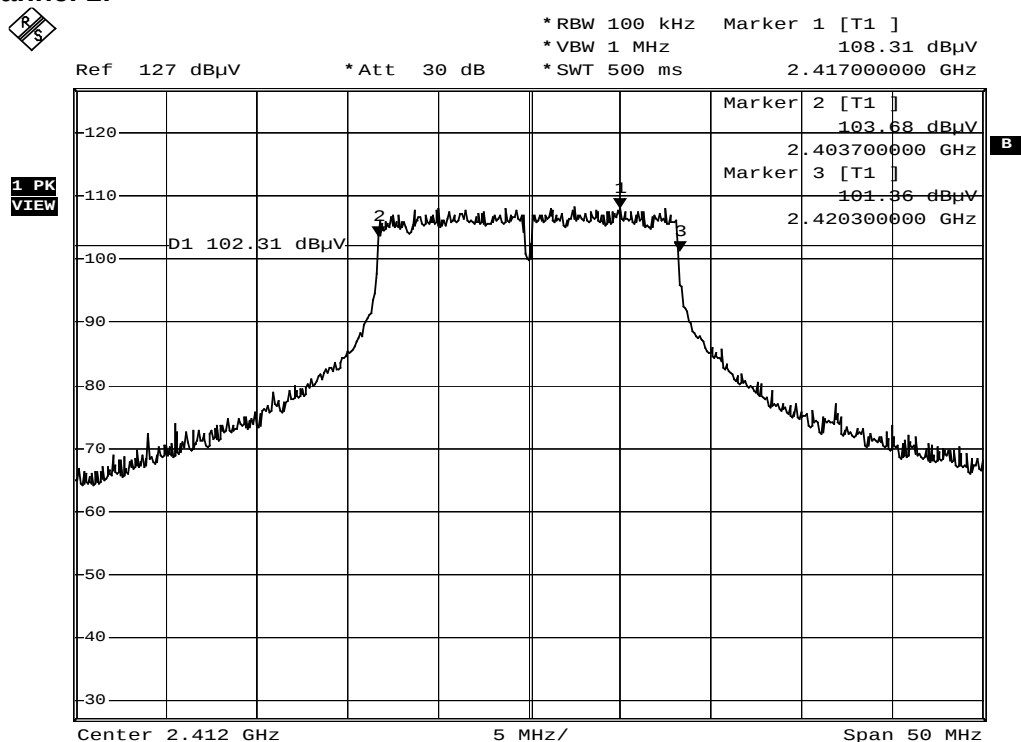


Date: 26.SEP.2007 12:21:21

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps

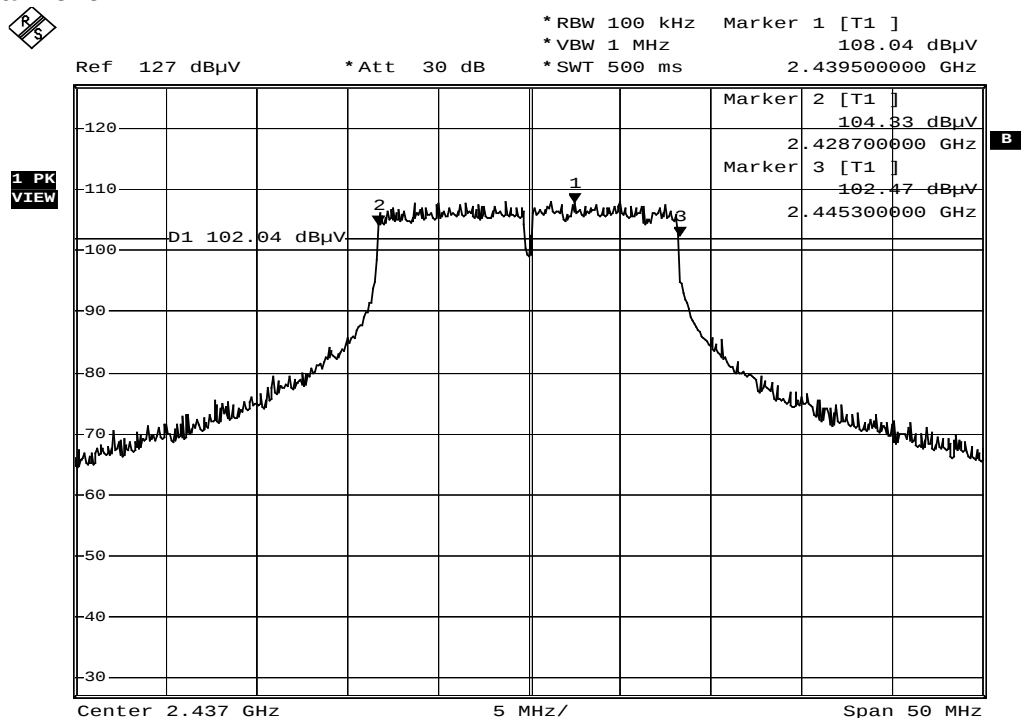
Channel No.	Frequency (MHz)	Bandwidth (MHz)	Required limit (KHz)	Result
1	2412	16.6	>500	Pass
6	2437	16.6	>500	Pass
11	2462	16.6	>500	Pass

Figure Channel 1:



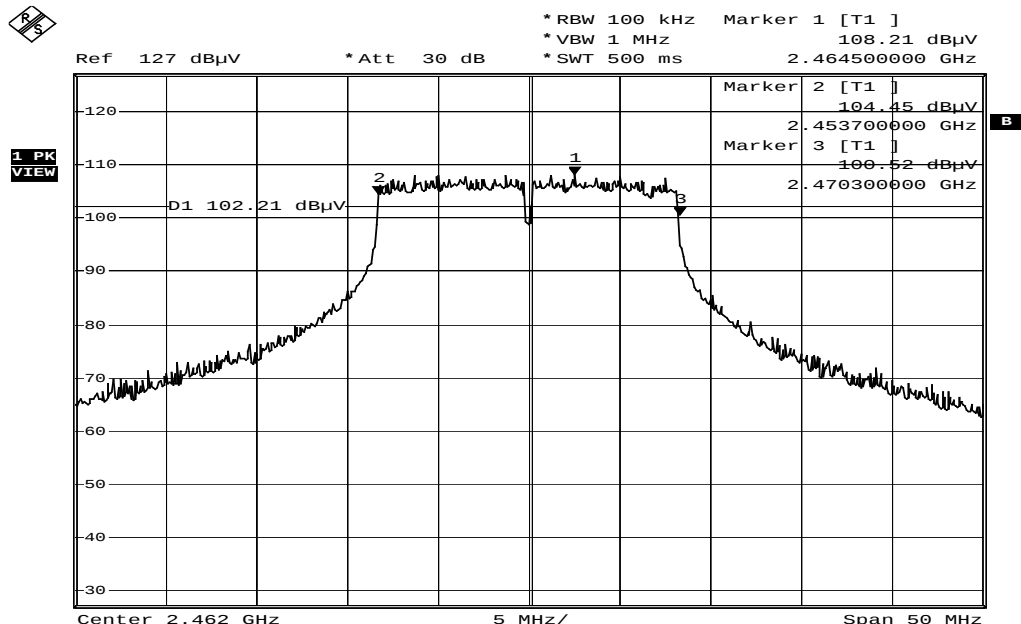
Date: 26.SEP.2007 12:25:17

Figure Channel 6:



Date: 26.SEP.2007 12:28:51

Figure Channel 11:



Date: 26.SEP.2007 12:32:11

8. POWER DENSITY

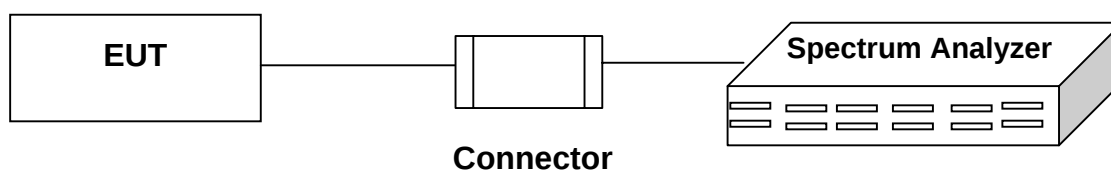
8.1 TEST EQUIPMENT

The following test equipments are used during the radiated emission tests:

Item	Instrument	Manufacturer	Model	Serial No.	Last Cal.
1	Spectrum Analyzer	RS	FSP40	100061	04/09/07
2	Spectrum Analyzer	HP	E4407B	US39240339	08/07/07

Note: All measurement critical items of test instrumentation were within their calibration period of 1 year.

8.2 BLOCK DIAGRAM OF TEST SETUP



8.3 LIMIT

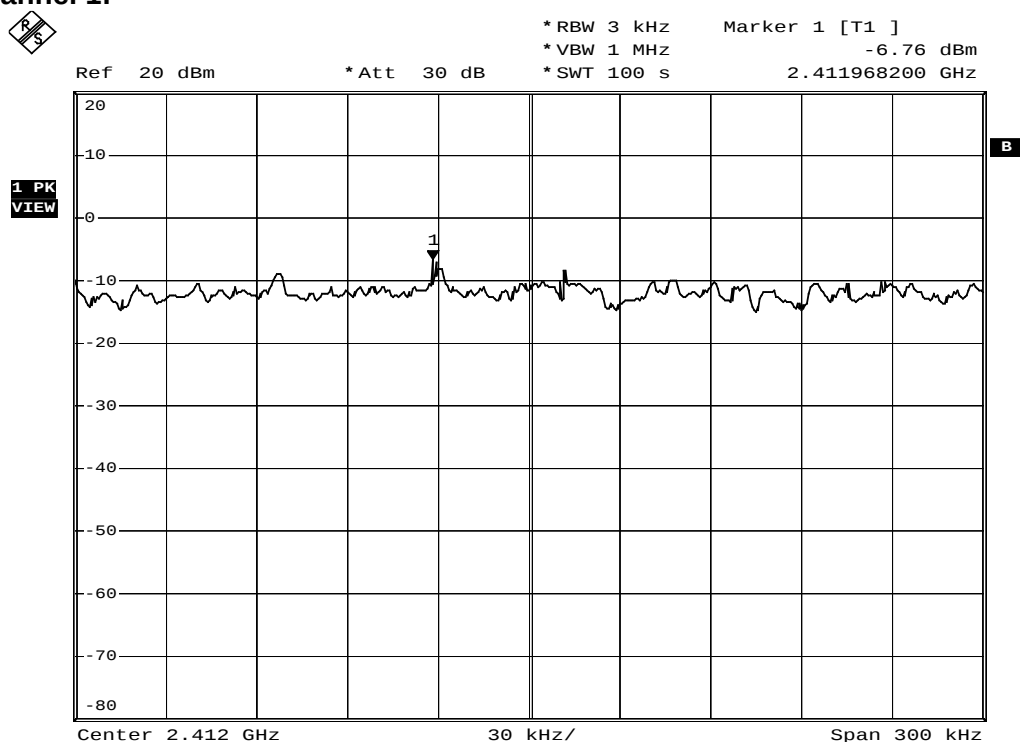
The transmitted power density averaged over any 1 second interval shall not be greater +8dBm in any 3KHz bandwidth.

8.4 TEST RESULT

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 1 (802.11b)	Data Rate	11Mbps

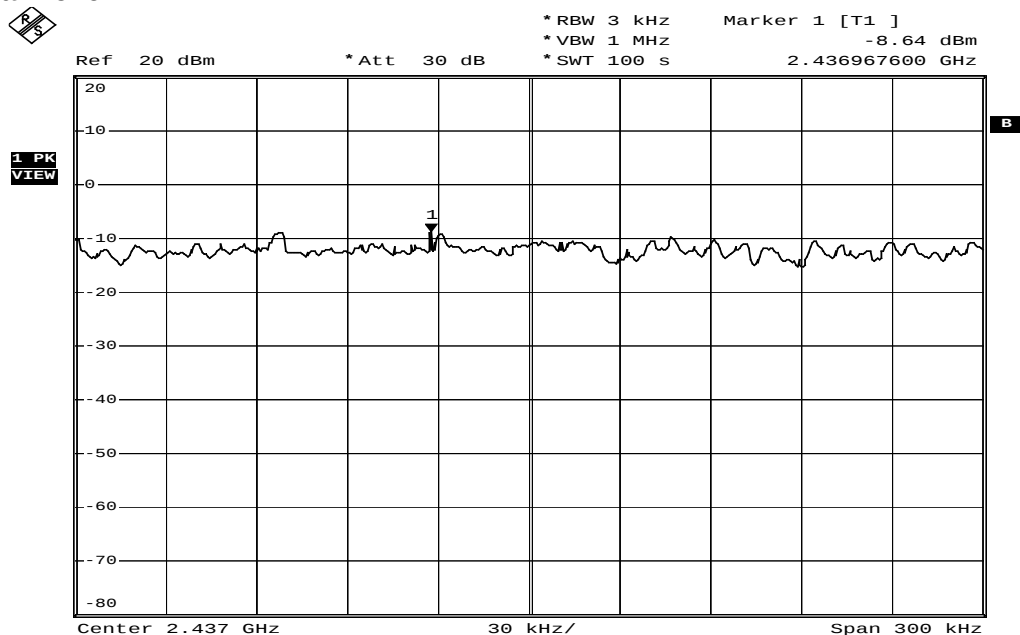
Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required limit (dBm)	Result
1	2412	-6.76	<8dBm	Pass
6	2437	-8.64	<8dBm	Pass
11	2462	-8.83	<8dBm	Pass

Figure Channel 1:



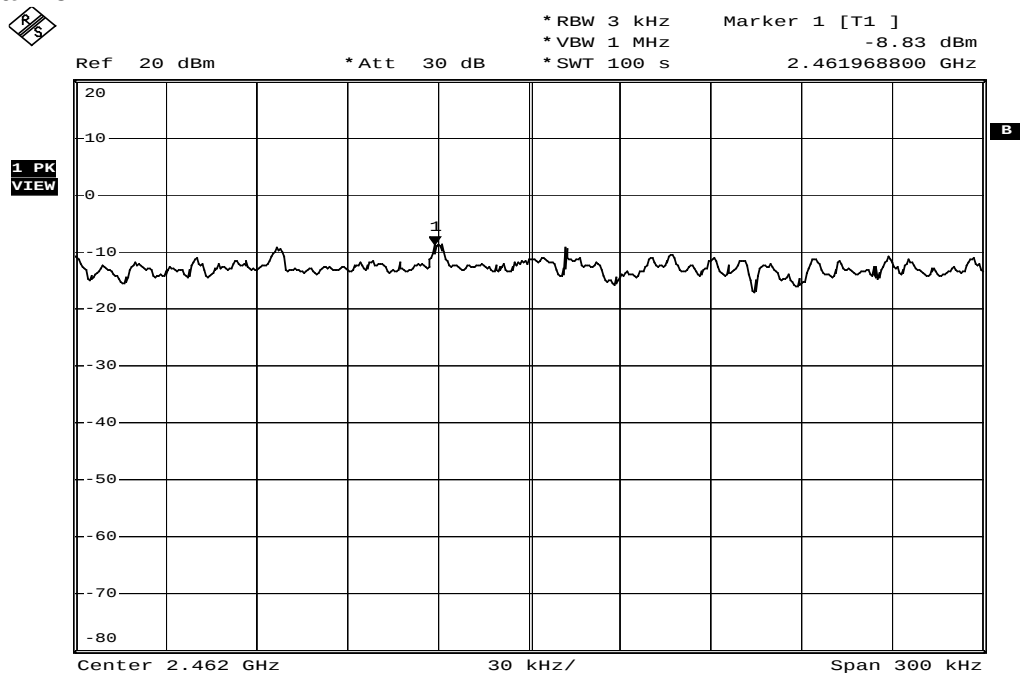
Date: 26.SEP.2007 14:59:56

Figure Channel 6:



Date: 26.SEP.2007 15:15:47

Figure Channel 11:

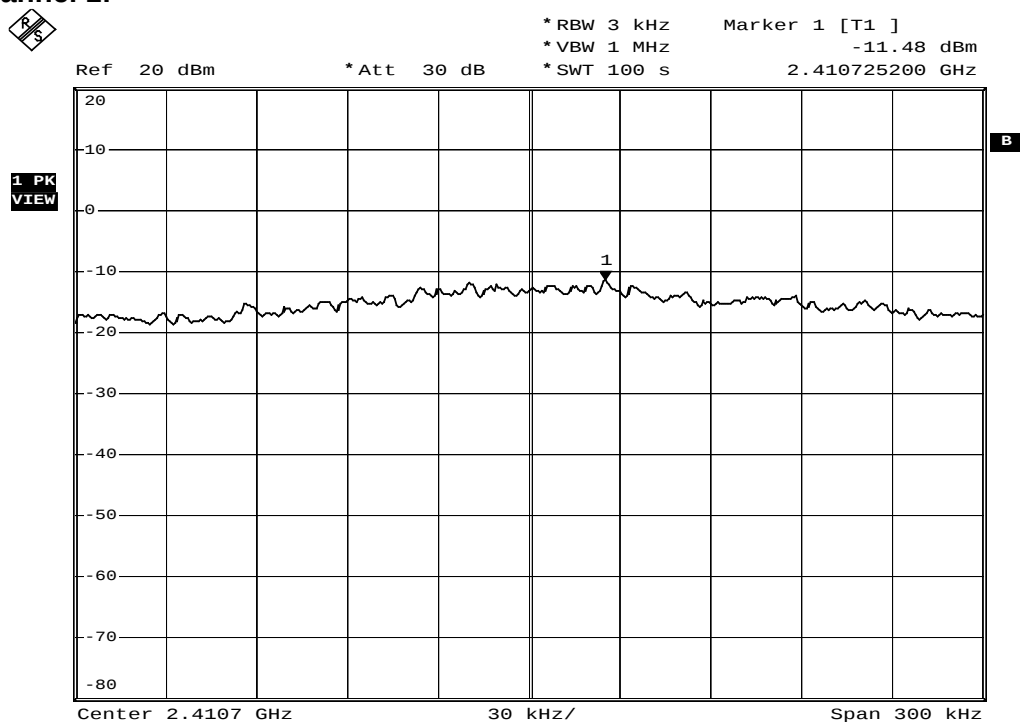


Date: 26.SEP.2007 15:26:36

Date of Test	September 26, 2007	Temperature	25.5 deg/C
EUT	Digital Media Player	Humidity	55 %RH
Working Cond.	Mode 2 (802.11g)	Data Rate	54Mbps

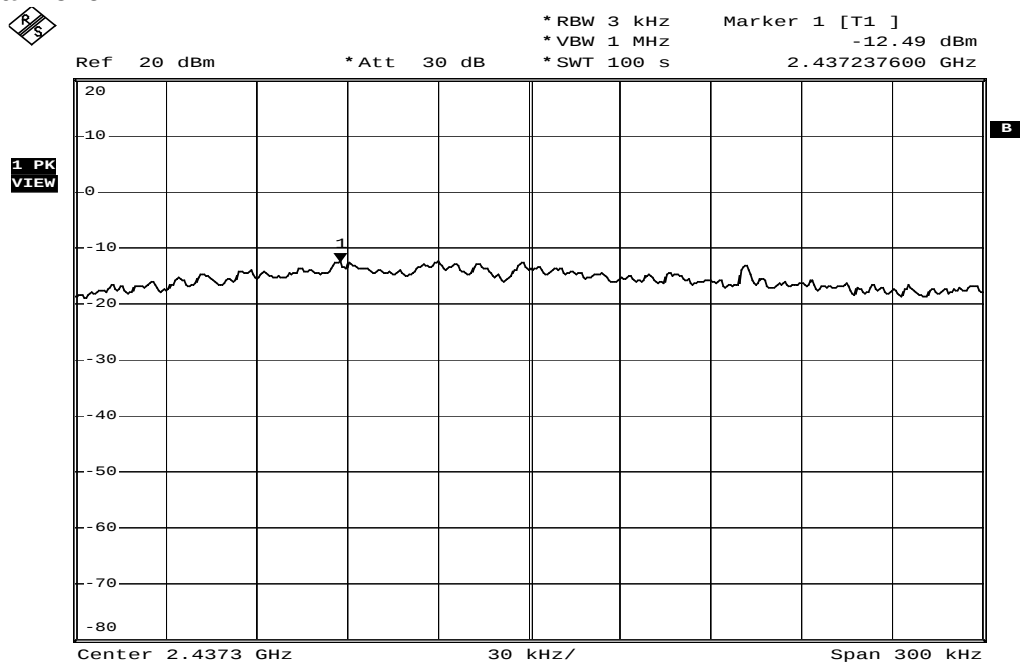
Channel No.	Frequency (MHz)	Measurement Level (dBm)	Required limit (dBm)	Result
1	2412	-11.48	<8dBm	Pass
6	2437	-12.49	<8dBm	Pass
11	2462	-12.51	<8dBm	Pass

Figure Channel 1:



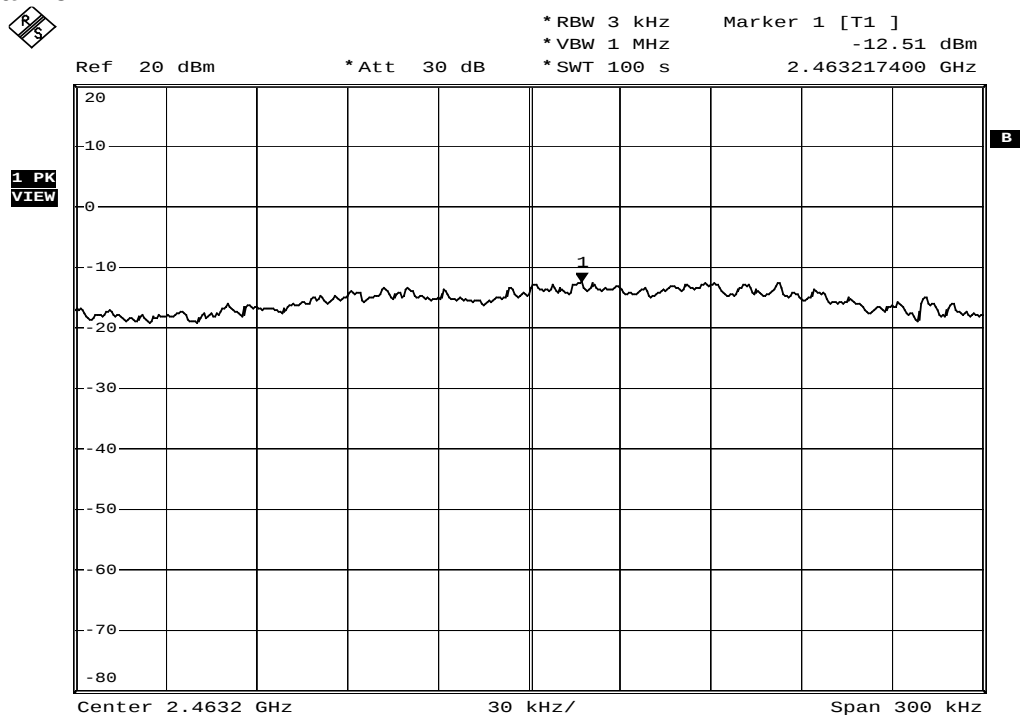
Date: 26.SEP.2007 15:37:57

Figure Channel 6:



Date: 26.SEP.2007 15:47:38

Figure Channel 11:



Date: 26.SEP.2007 15:59:32

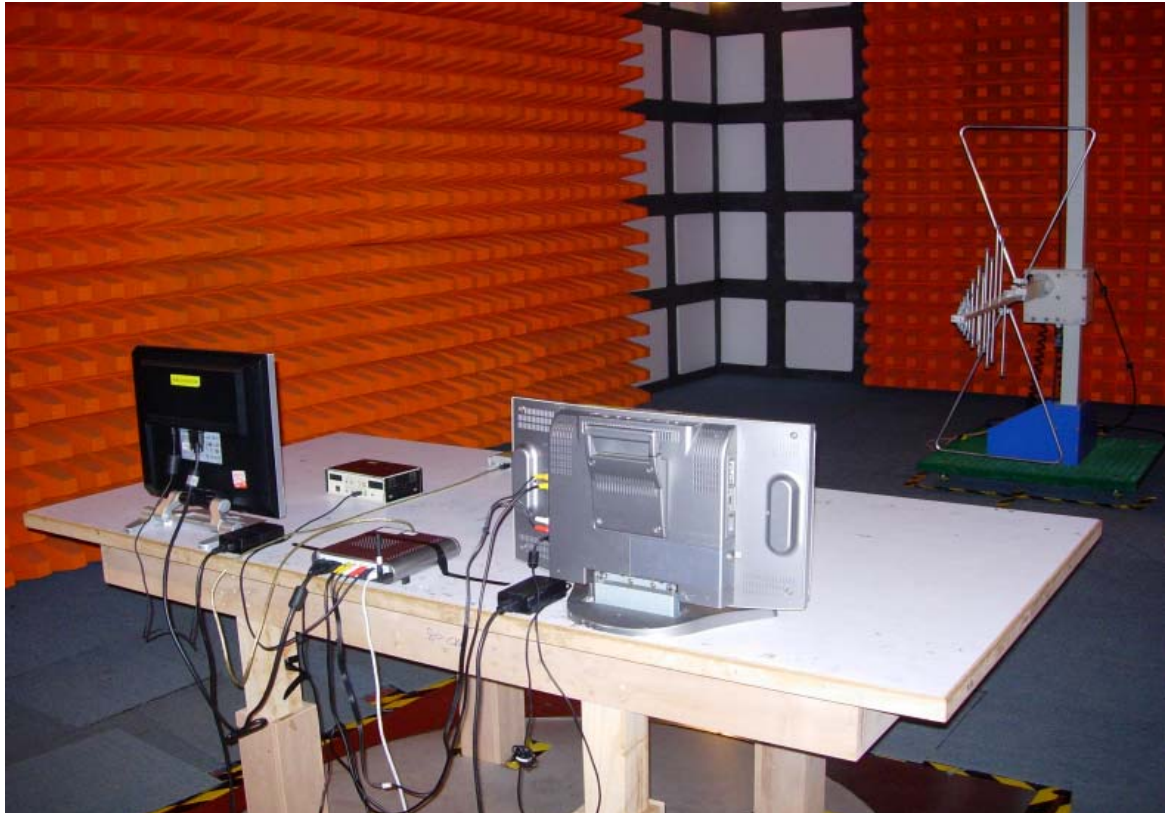
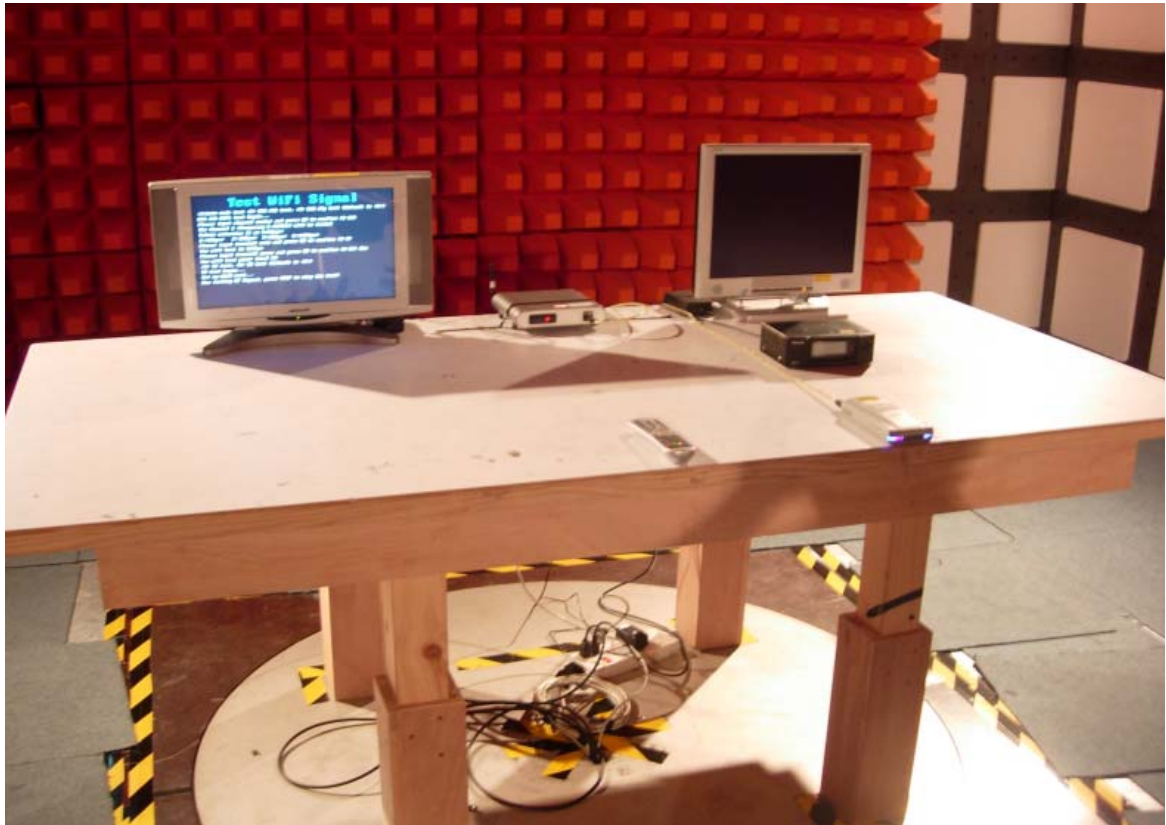
9. PHOTOGRAPHS FOR TEST

9.1 TEST PHOTOGRAPHS FOR CONDUCTION



9.2 TEST PHOTOGRAPHS FOR RADIATION

30-1000MHz



Above 1GHz

10. PHOTOGRAPHS FOR PRODUCT

- 1.
2. Accessories



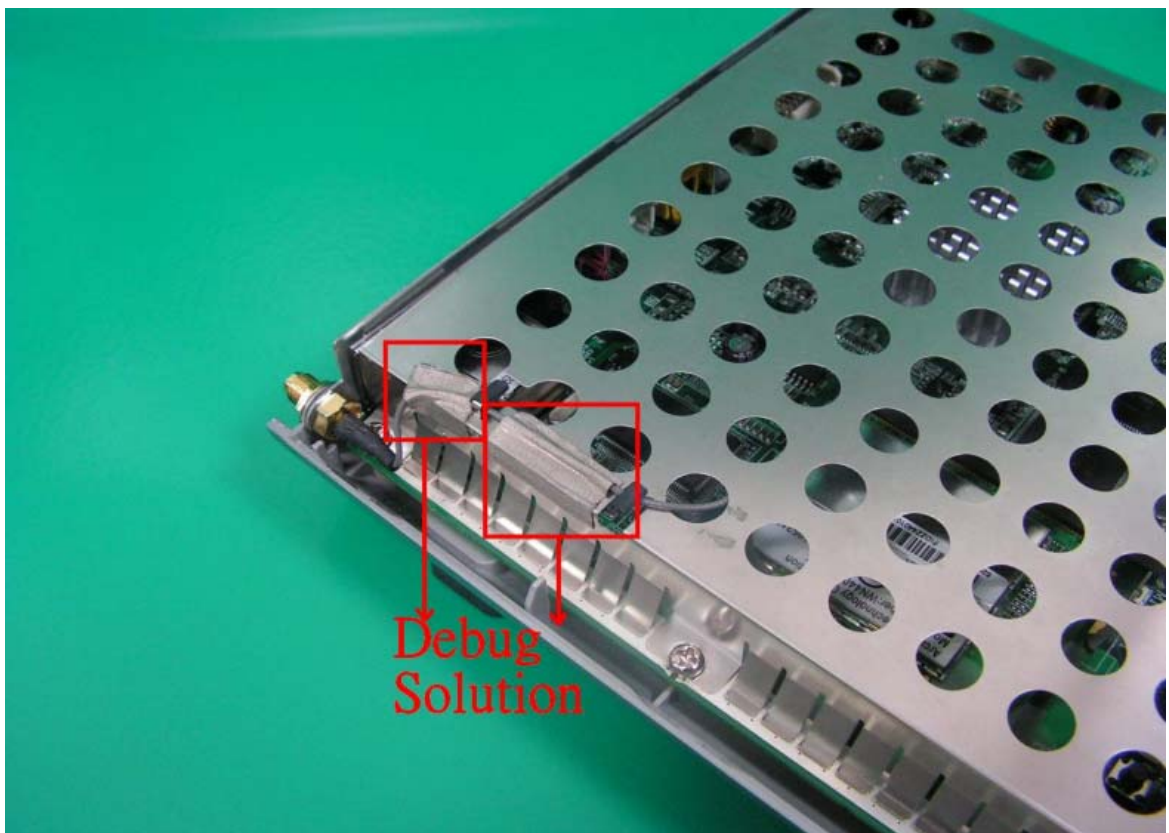
3.

4.



5.

6. Debug Solution-1

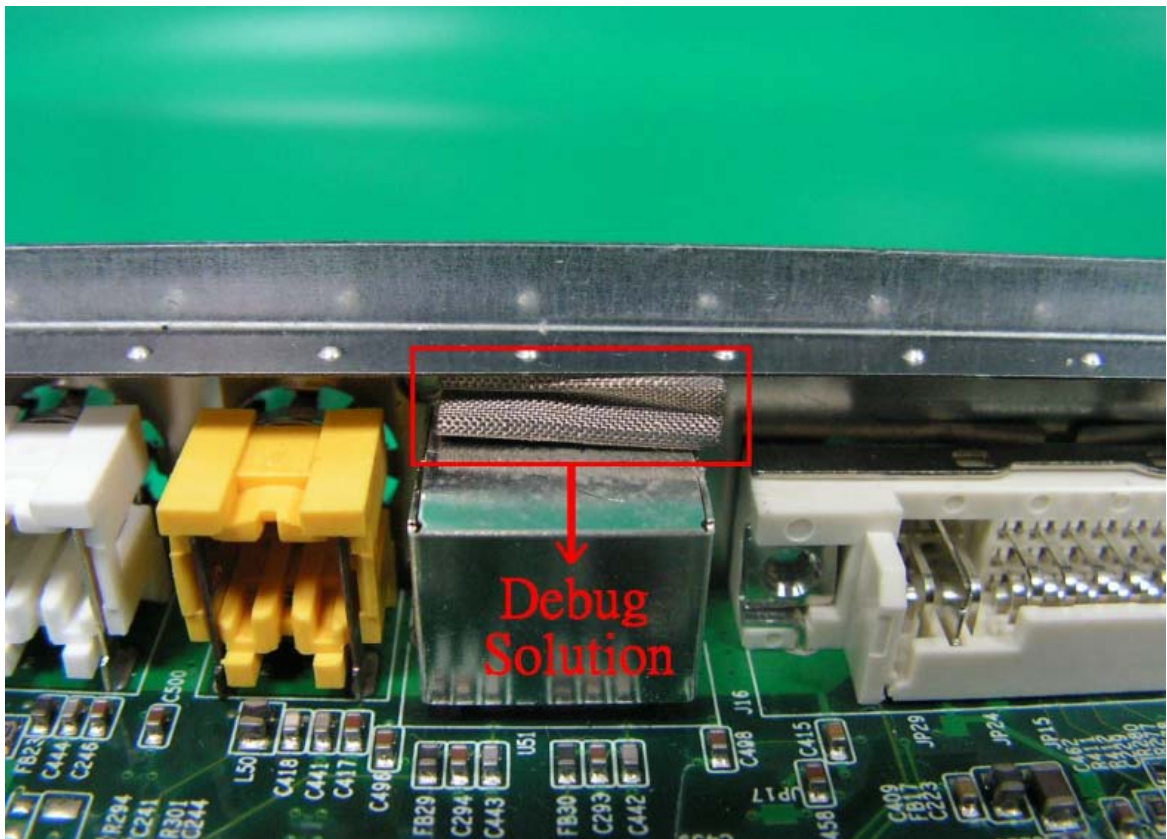
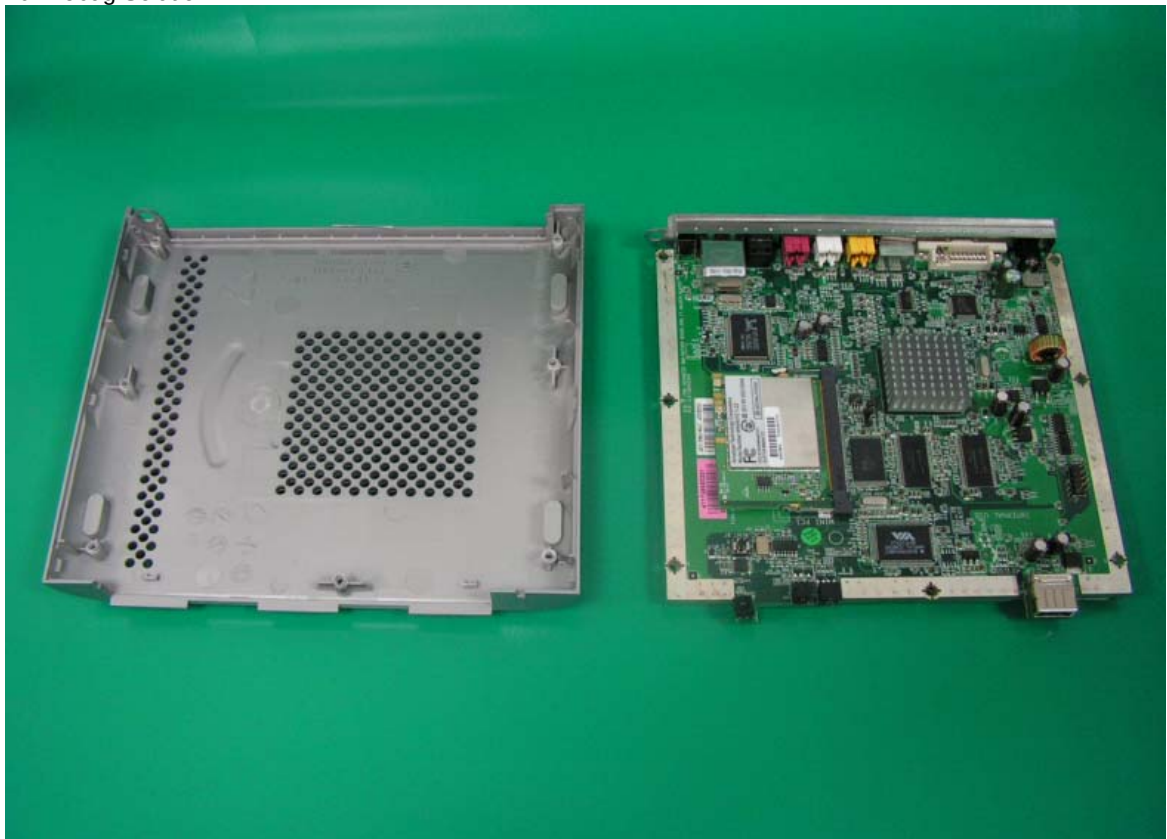


7.
8.

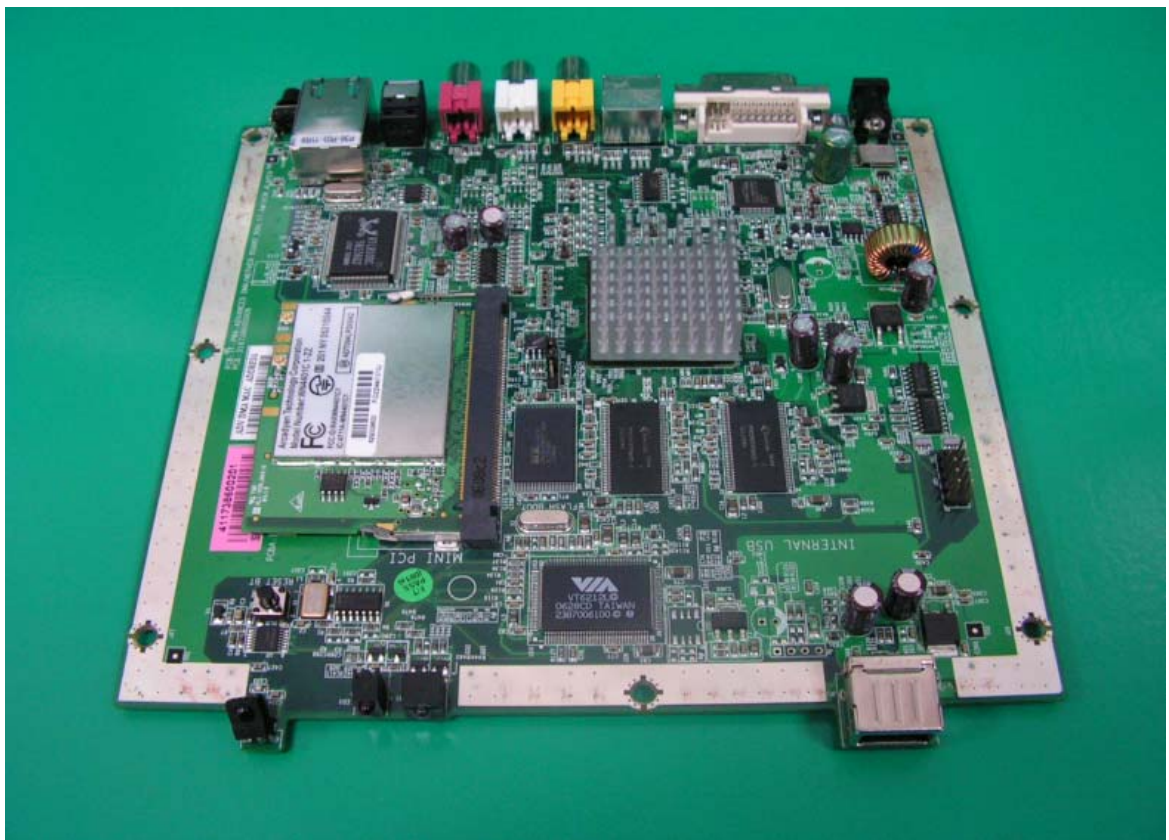
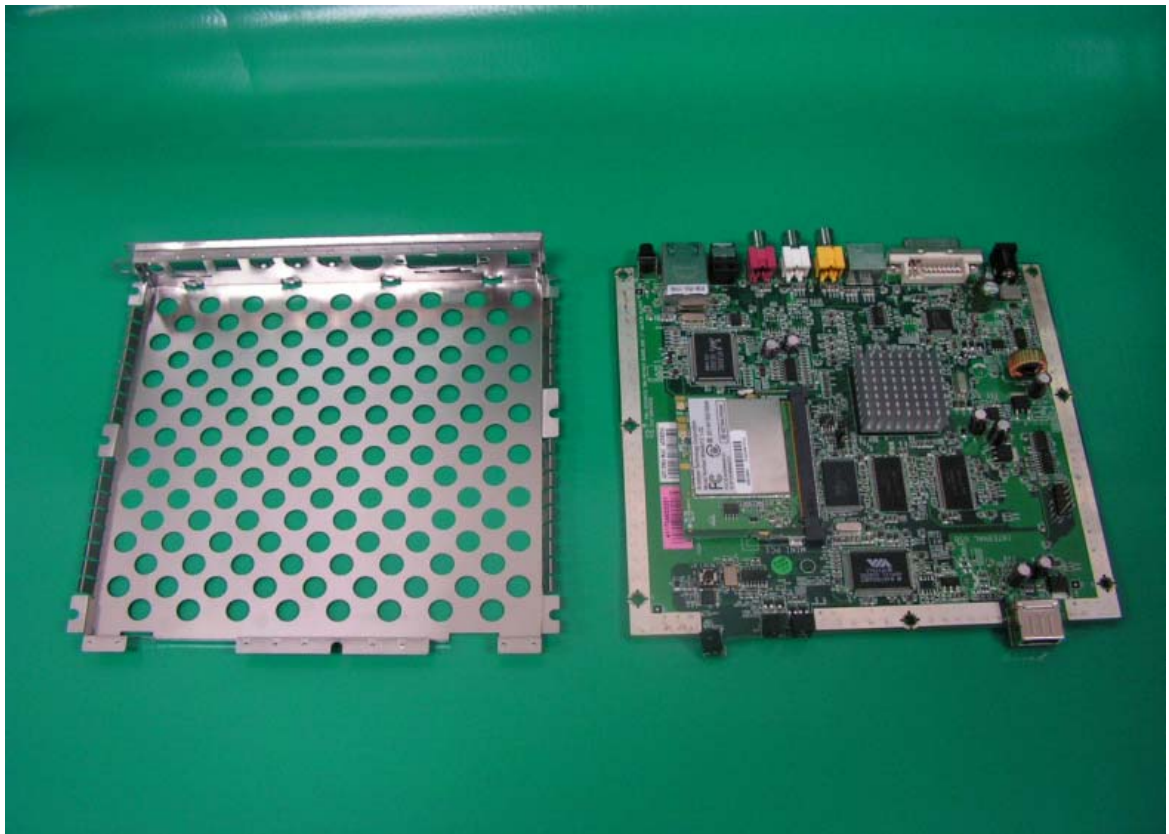


9.

10. Debug Solution-1

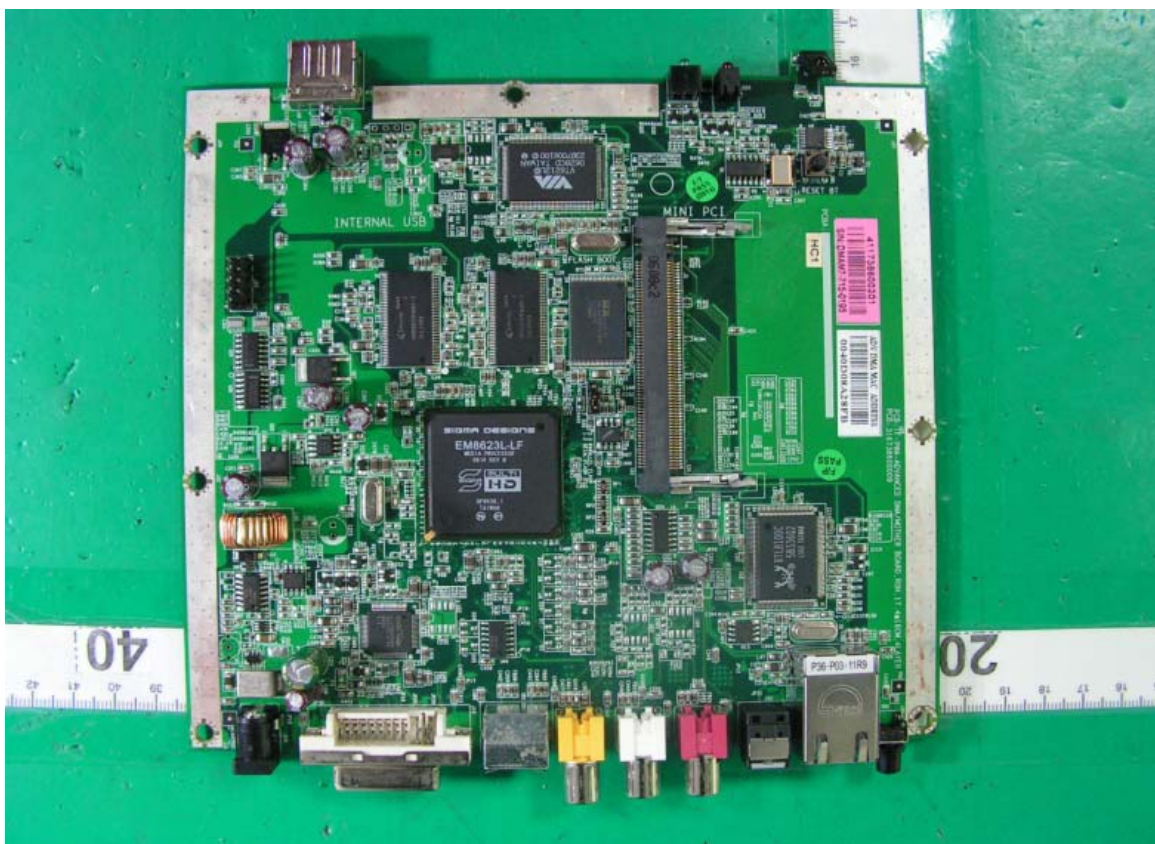


11.
12.



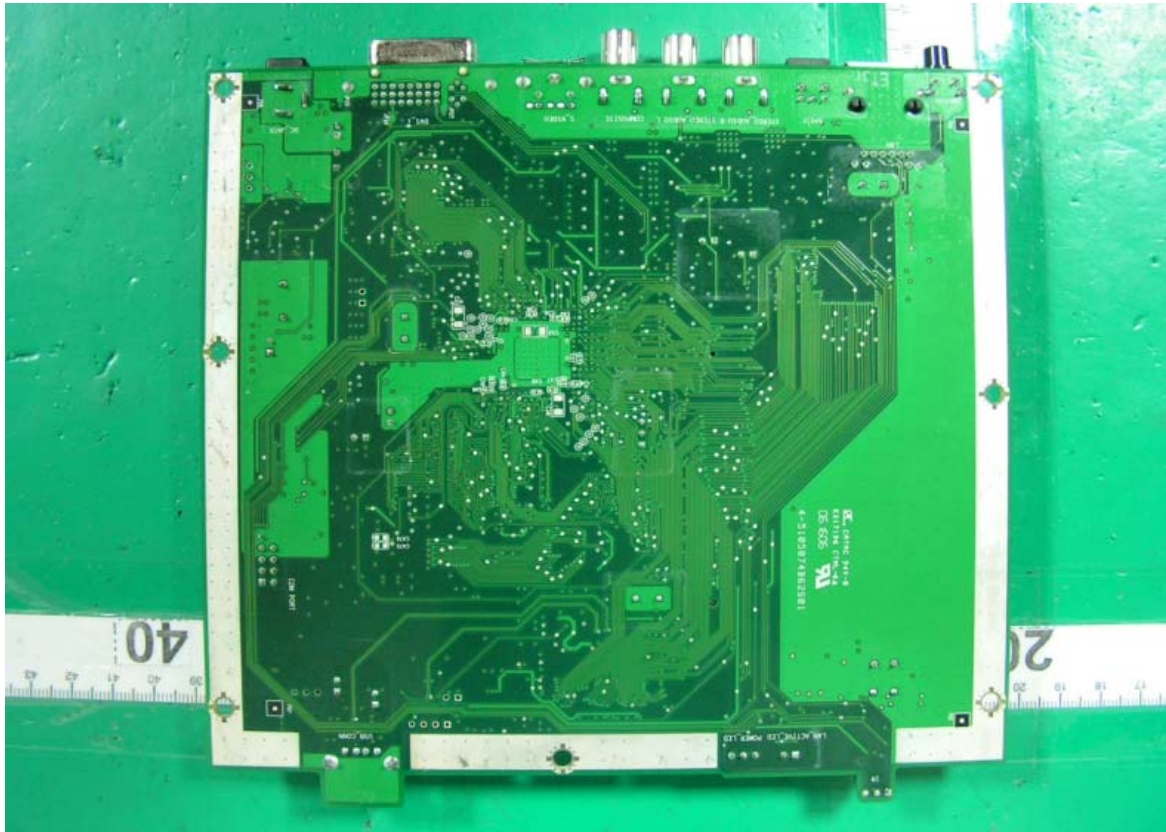
13.

14. Main Board+



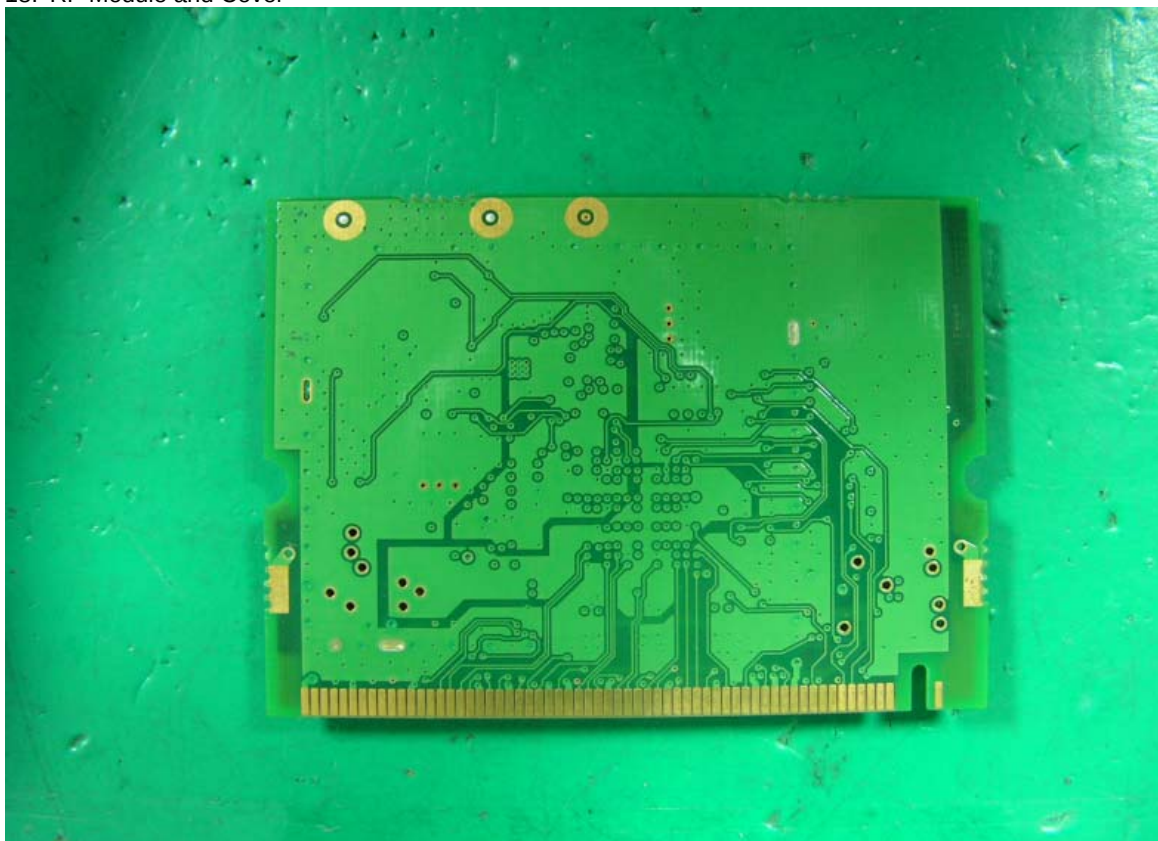
15. Main Board-

16. RF Module+



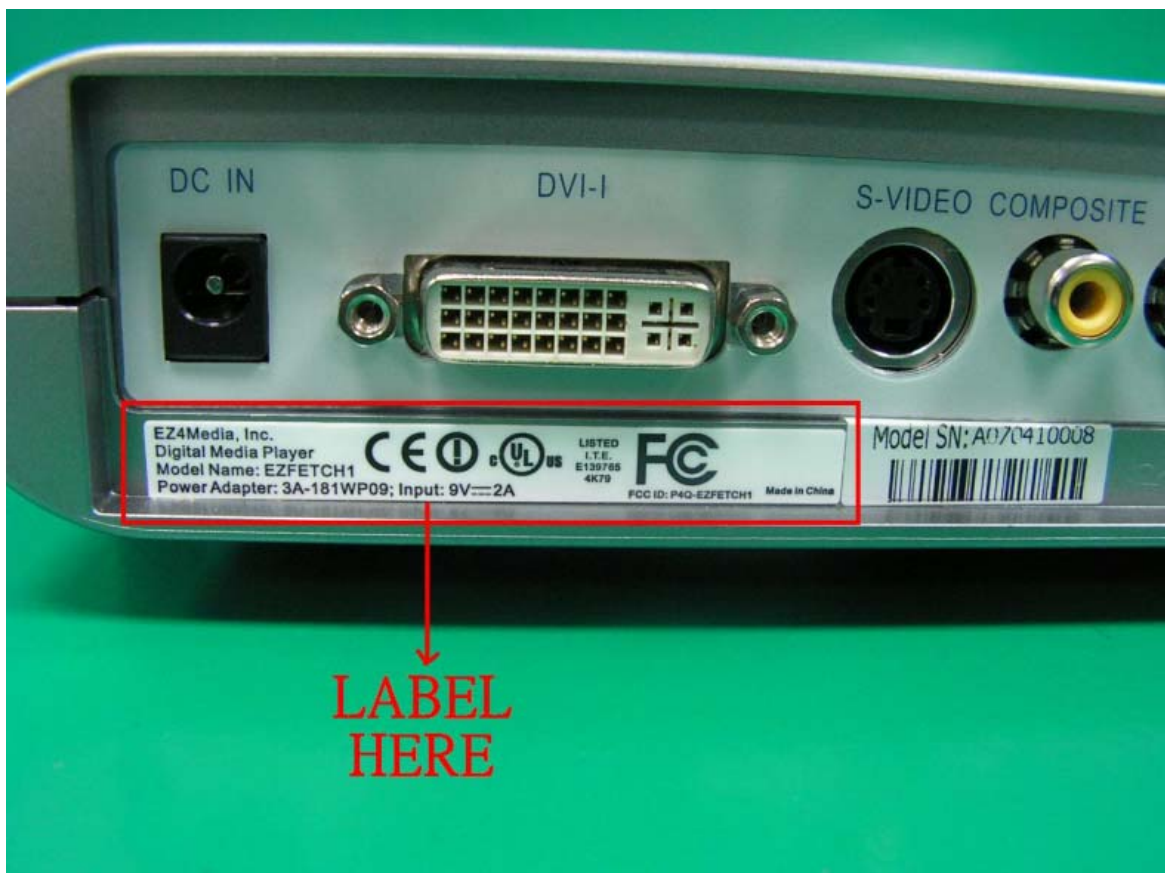
17. RF Module-

18. RF Module and Cover



19. RF Module Inner

20. Label Here



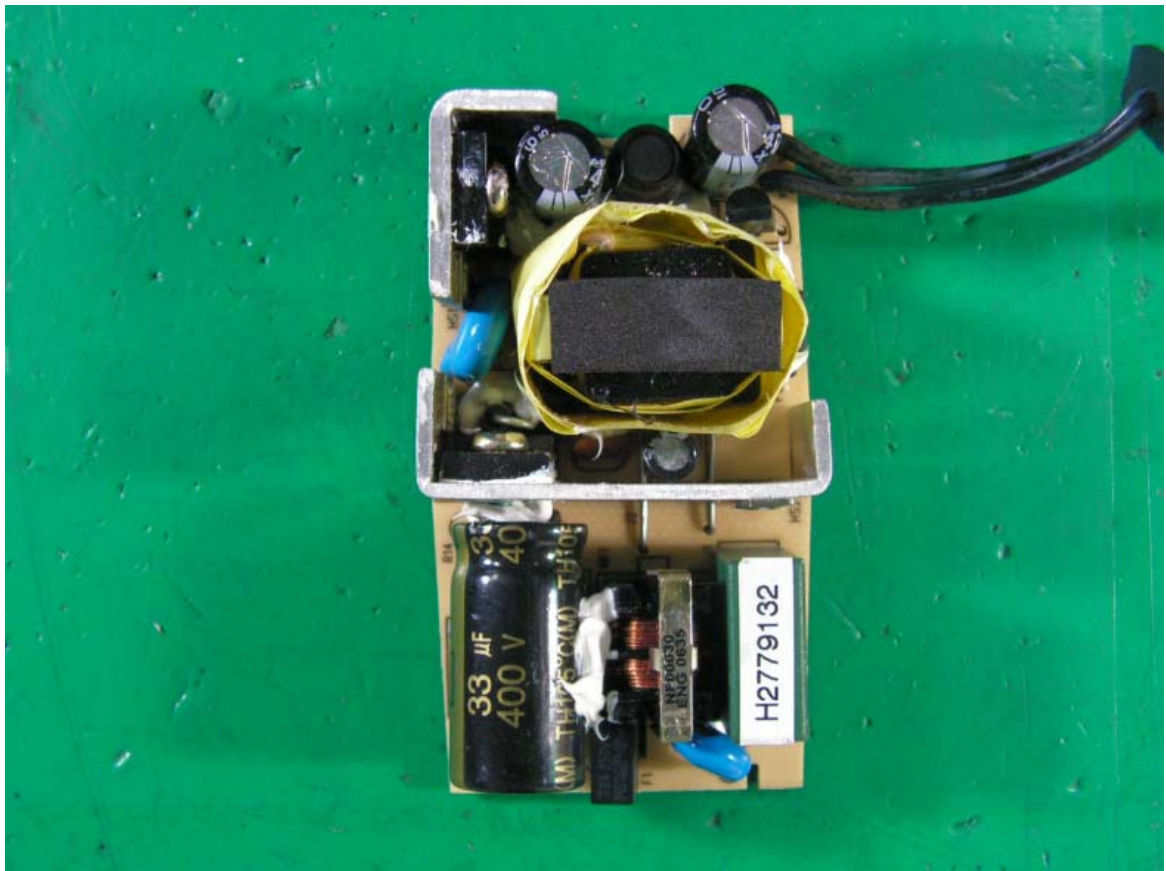
21. AC adapter

22.



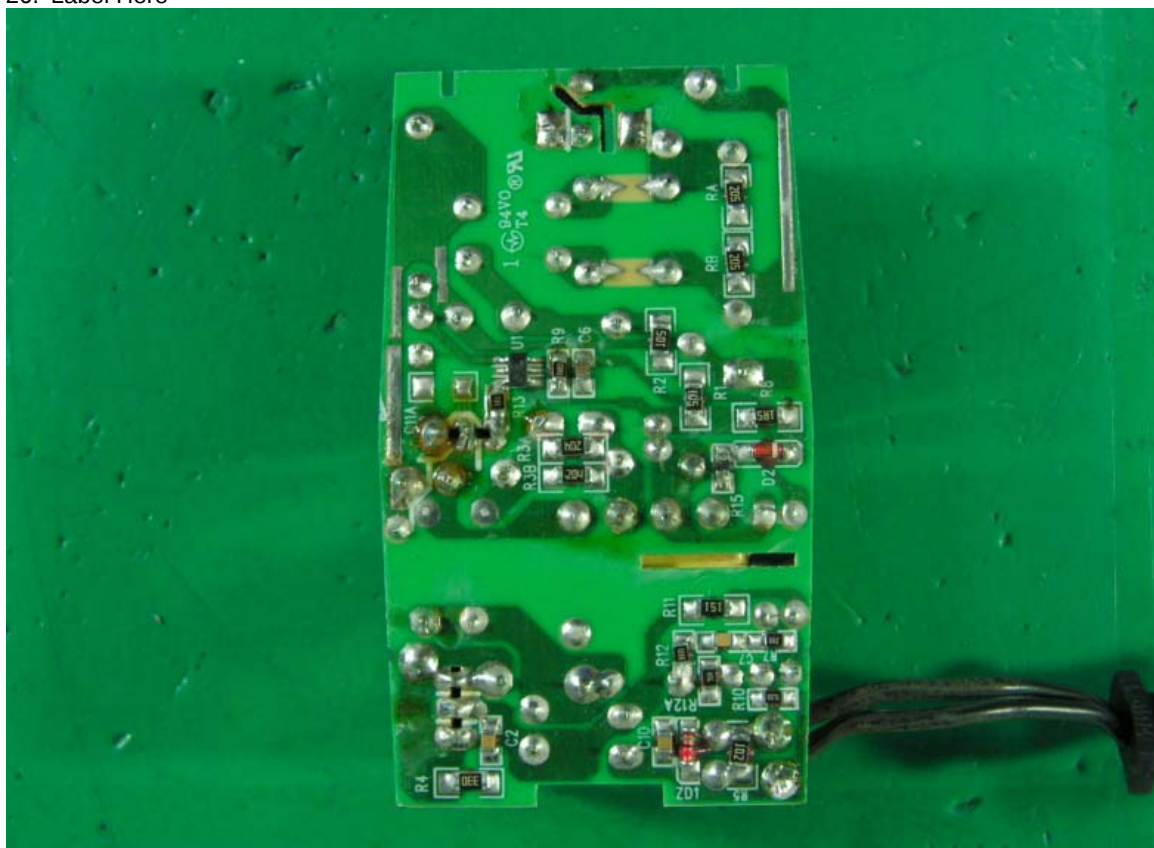
23.

24. Power Main Board



25. Power Main Board

26. Label Here



11. EMI REDUCTION METHOD DURING COMPLIANCE TESTING

No modification was made during testing.

Appendix A

Circuit (Block) Diagram

(Shall be added by Applicant)

Appendix B

User Manual

(Shall be added by Applicant)