

Prüfbericht - Nr.: 17023252 001 <i>Test Report No.:</i>			Seite 1 von 69 <i>Page 1 of 69</i>				
Auftraggeber: <i>Client:</i>			Edifier International Limited Room 2207-9, Tower Two, Lippo Centre 89 Queensway, Hong Kong				
Gegenstand der Prüfung: Multimedia Speaker <i>Test item:</i>							
Bezeichnung: <i>Identification:</i>		MF240BT		Serien-Nr.: <i>Serial No.:</i>			
				n.a.			
Wareneingangs-Nr.: <i>Receipt No.:</i>		163084600		Eingangsdatum: <i>Date of receipt:</i>			
				2011-11-13			
Prüfart: <i>Testing location:</i>			Shenzhen Timeway Technology Consulting Co., Ltd. East 5/F Block 4, Anhua Industrial park, No.8, Tai Ran Rd. CheGongMiao, Futian District, Shenzhen, Guangdong 518040, P.R. China Accurate Technology Co., Ltd. F1, Bldg. A, Changyuan New Material Port Keyuan Rd., Science & Industry Park, Nanshan Shenzhen, P.R. China				
Prüfgrundlage: <i>Test specification:</i>			FCC CFR47 Part 15: Subpart C Section 15.247 FCC CFR47 Part 15: Subpart C Section 15.207 FCC CFR47 Part 15: Subpart C Section 15.209 FCC CFR47 Part 15: Subpart B Section 15.107 FCC CFR47 Part 15: Subpart B Section 15.109 RSS-210 Issue 8 December 2010 RSS-Gen Issue 3 December 2010 RSS-102 Issue 4 March 2010				
Prüfergebnis: <i>Test Result:</i>			Der Prüfgegenstand entspricht oben genannter Prüfgrundlage(n). <i>The test item passed the test specification(s).</i>				
Prüflaboratorium: <i>Testing Laboratory:</i>			TÜV Rheinland (Shenzhen) Co., Ltd.				
geprüft/ tested by:			kontrolliert/ reviewed by:				
							
2011-11-28 Owen Tian/Project Manager			2011-11-28 Shawn Peng/Technical Certifier				
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>		
Sonstiges/ Other Aspects:							
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; vertical-align: top;"> Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet </td> <td style="width: 50%; vertical-align: top;"> Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested </td> </tr> </table>						Abkürzungen: P(ass) = entspricht Prüfgrundlage F(ail) = entspricht nicht Prüfgrundlage N/A = nicht anwendbar N/T = nicht getestet	Abbreviations: P(ass) = passed F(ail) = failed N/A = not applicable N/T = not tested
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Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.</i>							

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 PEAK OUTPUT POWER***RESULT: Pass***5.1.3 20dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.4 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.5 SPURIOUS EMISSION***RESULT: Pass***5.1.6 FREQUENCY SEPARATION***RESULT: Pass***5.1.7 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.8 TIME OF OCCUPANCY***RESULT: Pass***5.1.9 RADIATED EMISSIONS***RESULT: Pass***5.1.10 CONDUCTED EMISSIONS***RESULT: Pass***6.1.1 ELECTROMAGNETIC FIELDS***RESULT: Pass*

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1. General Remarks

1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix 1: Test result

2. Test Sites

2.1 Test Facilities

Shenzhen Timeway Technology Consulting Co., Ltd.

(FCC Registration No.: 899988)

(Test Site Industry Canada No.: 5205A-1)

East 5/F Block 4, Anhua Industrial park, No.8,
Tai Ran Rd. CheGongMiao, Futian District, Shenzhen,
Guangdong 518040, P.R. China

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051)

(Test site Industry Canada No.: 5077A-2)

F1, Bldg. A, Changyuan New Material Port
Keyuan Rd., Science & Industry Park, Nanshan
Shenzhen, P.R. China

The tests at the test sites have been conducted under the supervision of a TÜV engineer.

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
Transmitter spurious emissions & Receiver spurious emissions test (ATC)				
Spectrum Analyzer	ANRITSU	MS2651B	6200238856	2012-03-27
Spectrum Analyzer	Agilent	E7405A	MY45115511	2012-03-27
Test Receiver	Rohde&Schwarz	ESCS30	100307	2012-03-27
Test Receiver	Rohde& Schwarz	ESPI3	100396/003	2012-03-27
Test Receiver	Rohde& Schwarz	ESPI3	101526/003	2012-03-27
Bilog Antenna	Schwarzbeck	VULB9163	9163-194	2012-03-27
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2012-03-27
50 Coaxial Switch	Anritsu Corp	MP59B	6200237248	2012-03-27
50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	2012-03-27
RF Coaxial Cable	Schwarzbeck	N-5m	No.1	2012-03-27
RF Coaxial Cable	Schwarzbeck	N-1m	No.6	2012-03-27
RF Coaxial Cable	SUHNER	N-3m	No.8	2012-03-27
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2012-03-27
RF Coaxial Cable	SUHNER	N-6m	No.10	2012-03-27
Pre-Amplifier	Agilent	8447D	294A10619	2012-03-27
Transmitter spurious emissions & Receiver spurious emissions test (Timeway)				
ESPI Test Receiver	RS	ESPI	100379	2011-08-05
Pre-amplifier	HP	8447D	2727A05017	2011-08-05
Ultra Broadband ANT	RS	HL562	100157	2011-08-05
ESDV Test Receiver	RS	ESDV	100008	2011-08-05
Pre-amplifier	EM	EM30265	2727A05017	2011-08-05
Ultra Broadband ANT	Schwarebeck	VULB9163	9163/340	2011-08-05
Horn Antenna	Schwarebeck	BBHA9120D	1201	2011-08-05
Spectrum Analyzer	RS	FSEM	848597/001	2011-08-05
Receiver	RS	ESH3	860905/006	2011-08-05
Receiver	RS	ESVP	893417/012	2011-08-05
Spectrum Analyzer	HP	ESA-L1500A	US37451154	2011-08-05
Signal Generator	HP	8657B	3208U02589	2011-08-05
Spectrum Analyzer	HP	8595E	3441A00893	2011-08-05
Test Receiver	RS	ESCS 30	100139	2011-08-05
Anechoic 9x6x6	--	--	N/A	2011-08-05
Radio spectrum test (Timeway)				
Spectrum Analyzer	Rohde & Schwarz	FSEM	848597/001	2012-04-21
Temperature and Humidity Cabinet	ESPEC	GZ-ESPEC/ EL-02AGP	0205082	2012-08-06
Power Supply	LRTEAC	TDGC2-10	0205086	N/A
Conducted Emission (Timeway)				
Receiver	R&S	EH 3	860905/006	2012-04-24
Artificial Mains Network	R&S	ESH3-Z5	100294	2012-04-24
Radiated Emission (30MHz - 1GHz) (Timeway)				
Receiver	R&S	ESPI 3	100379	2012-04-24
Ultra Broadband ANT	R&S	HL562	100157	2012-04-24

2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements are $\pm 3\text{dB}$.

2.6 Location of Original Data

The original copies of all test data taken during actual testing were retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

Shenzhen Timeway Technology Consulting Co., Ltd. test facility located at East 5/F Block 4, Anhua Industrial park, No.8, Tai Ran Rd. CheGongMiao, Futian District, Shenzhen, Guangdong 518040, P.R. China and Accurate Technology Co., Ltd. test facility located at F1, Bldg. A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan, Shenzhen, P.R. China are listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3. General Product Information

3.1 Product Function and Intended Use

The EUT is a multimedia speaker with Bluetooth 2.1+EDR function used for audio entertainment in house or similar environment. It operates at 2.4GHz ISM frequency band.
 For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

Table 2: Technical Specification of EUT

Technical Specification	Value
Kind of Equipment	Multimedia Speaker
Type Designation	MF240BT, M0 BLUE
FCC ID	Z9G-EDF01
IC ID	10004A-EDF01
Operating Frequency band	2402 – 2480 MHz
Channel separation	1MHz
Extreme Temperature Range	-20~+45°C
Operation Voltage	DC 9V (via AC/DC adapter)
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Antenna Gain	1.04dBi

Table 3: Frequency hopping information

Technical Specification	Description
Hopping Range	Hereby we declare that the maximum frequency of this device is: 2402-2480MHz. This is according the Bluetooth Core Specification V2.1+EDR for devices which will be operated in the USA. This was checked during the Bluetooth Qualification tests (Test Case: TRM/CA/04-E).
Hopping Sequence	Example of a 79 hopping sequence in data mode: 33,04,21,44,23,42,53,46,55,48,40,59,72,29,76,31,08,73,07,75,09,45,60,39,58,13,47,11,77,52,35,50,65,54,67,56,69,62,71,64, 7,25,27,66,57,70,74,61,78,63,10,41,05,43,15,44,64,68,02,70,06,01,51,03,55,05,03,66,53,49,36,47,
Receiver input bandwidth	The input bandwidth of the receiver is 1MHz. In every connection one Bluetooth device is the master and the other one is the slave. The master determines the hopping sequence. The slave follows this sequence. Both devices shift between RX and TX time slot

	according to the clock of the master. Additionally the type of connection is set up at the beginning of the connection. The master adapts its hopping frequency and its TX/RX timing according to the packet type of the connection. Also the slave of the connection will use these settings. Repeating of a packet has no influence on the hopping sequence. The hopping sequence generated by the master of the connection will be followed in any case. That means a repeated packet will not be send on the same frequency, it is send on the next frequency of the hopping sequence.
--	---

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode
 - a. Transmitting
 - b. Receiving
 - 2. AUX in
 - 3. FM mode
- B. Standby
- C. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

3.5 Submitted Documents

- | | |
|--------------------|----------------------|
| - Bill of Material | - Circuit Diagram |
| - PCB Layout | - Instruction Manual |
| - Photo Document | - Rating Label |

4. Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

The equipment under test (EUT) was configured to measure its maximum power level. The test modes were adapted accordingly in reference to the instructions for use.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.4: 2003.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	Rating
AC/DC Adapter	Edifier	ADT-12090 EU	Input: AC 100-240V, 50/60Hz, 0.7A Output: DC 9V, 1.3A
Signal source	Apple	iPhone	---

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains of adapter	2 cores, non-shielded port, 3m	AC Power Input
DC power port of EUT	2 cores, non-shielded port, 3m	DC Power Input
Line input	2 cores, non-shielded port, 3m	Audio Input

4.4 Countermeasures to achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test

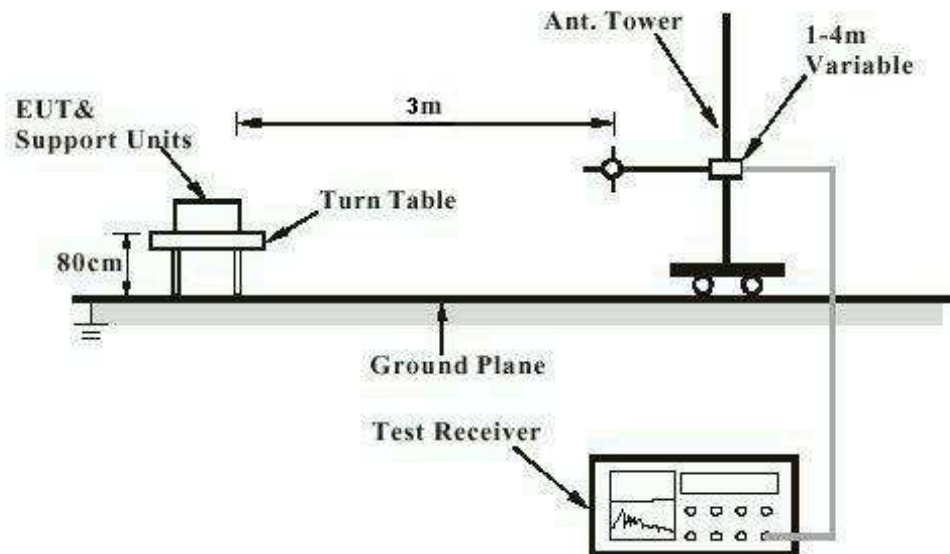


Diagram of Measurement Equipment Configuration for Conduction Measurement

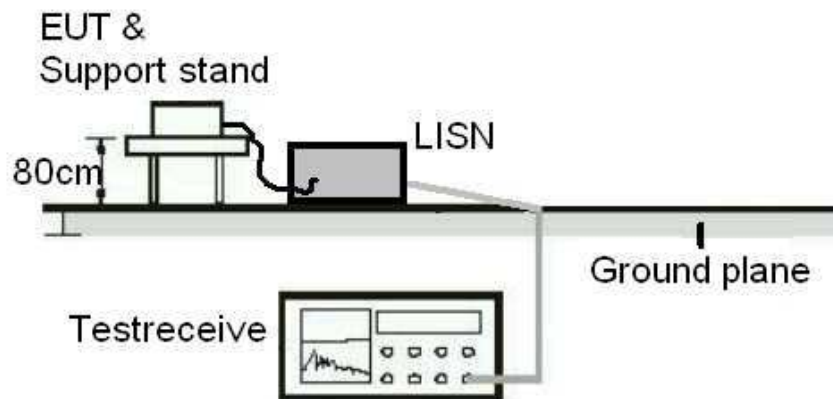
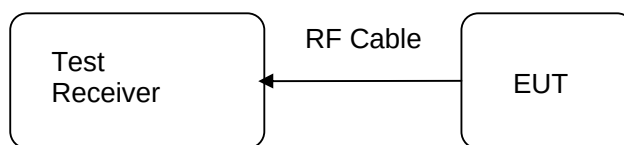


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

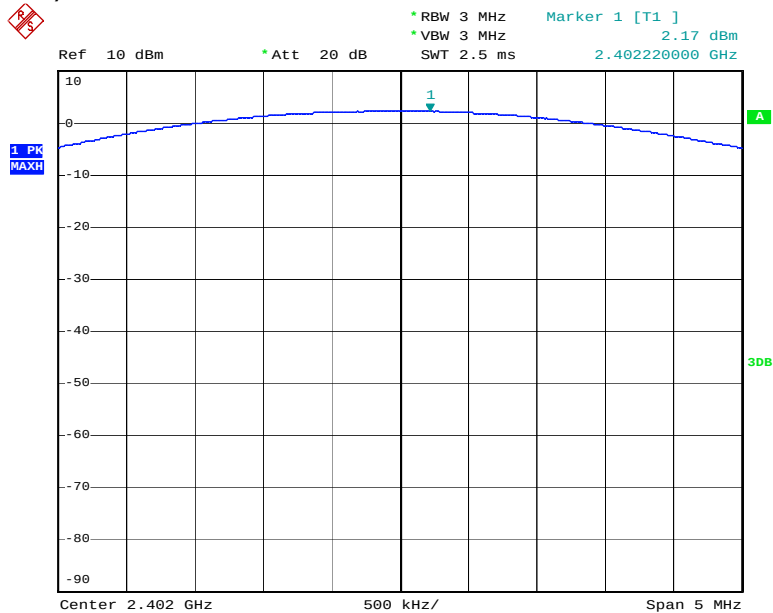
5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	FCC Part 15.247(b)(4) and Part 15.203 RSS-Gen 7.1.4
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

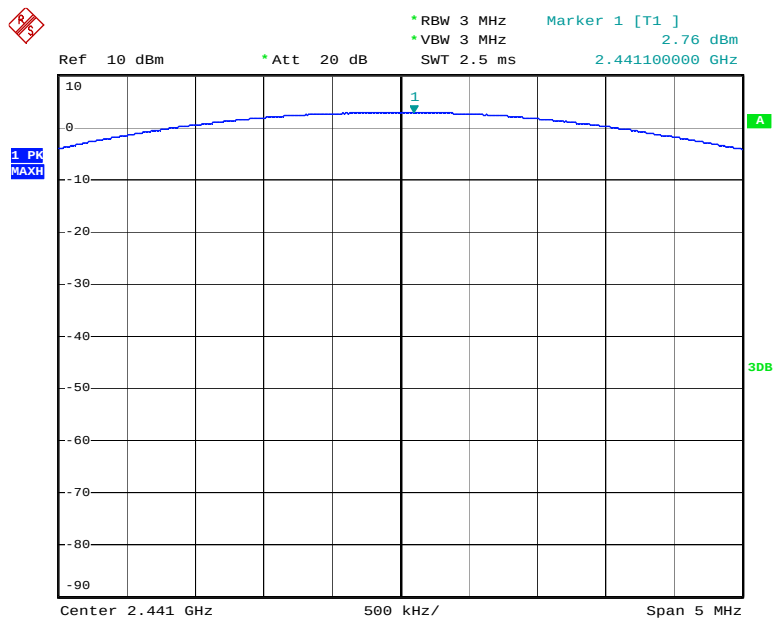
According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 0.5dBi, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to comply with the provision.

Test Plot of Peak Output Power BDR mode, Low Channel



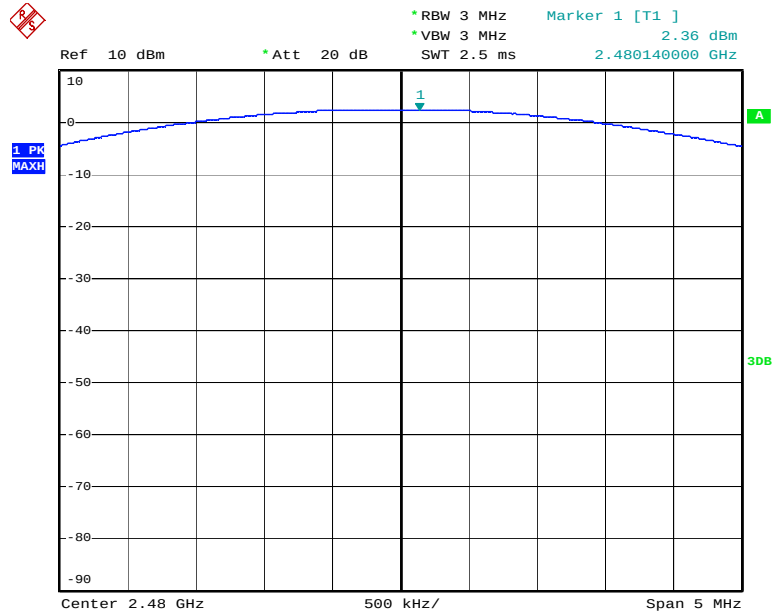
Date: 5.DEC.2011 15:51:07

BDR mode, Middle Channel



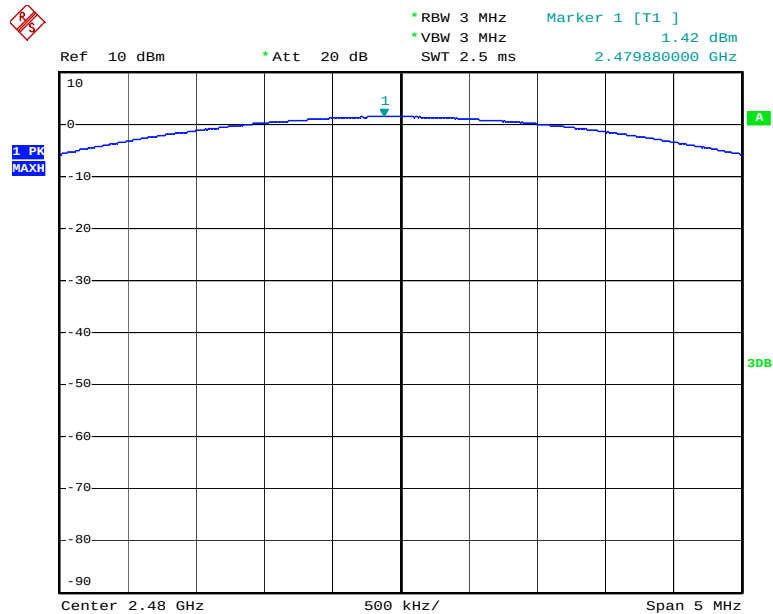
Date: 5.DEC.2011 15:51:38

BDR mode, High Channel



Date: 5.DEC.2011 15:52:08

EDR mode, Low Channel



Date: 5.DEC.2011 15:53:50

5.1.3 20dB Bandwidth and 99% Bandwidth**RESULT:****Pass**

Date of testing : 2011-11-20
Test standard : FCC Part 15.247(a)(1)
RSS-210 A8.1(a)
Basic standard : ANSI C63.4: 2003
Kind of test site : Shielded room

Test setup

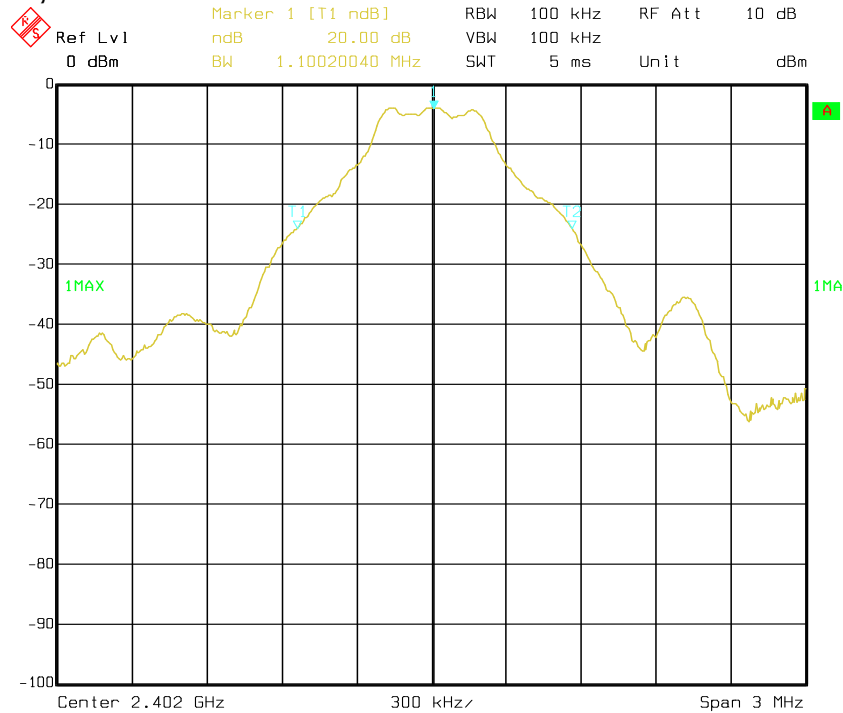
Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 6: Test result of 20dB & 99% Bandwidth, BDR mode

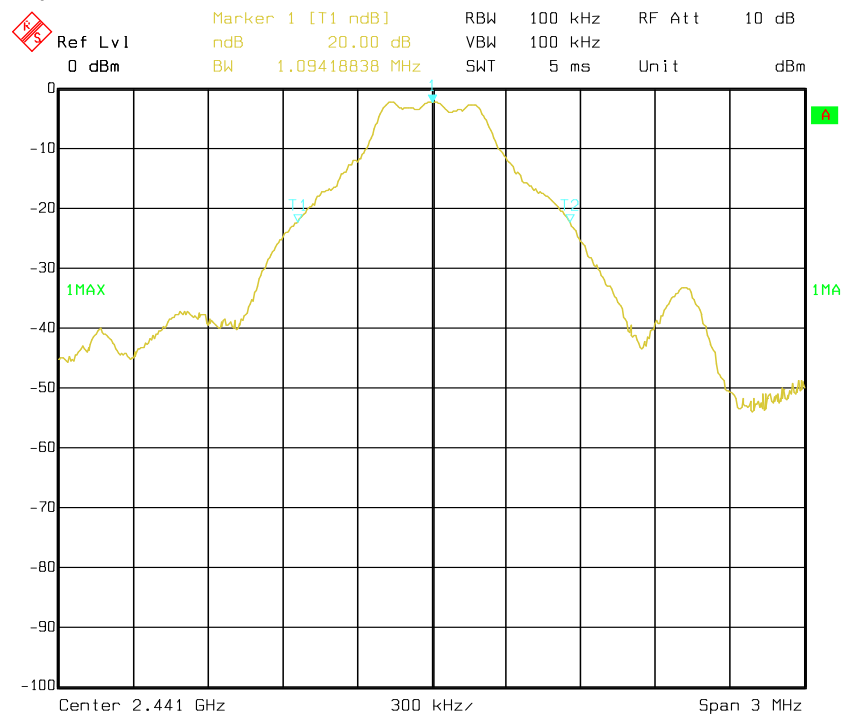
Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)	Result
Low Channel	2402	1.100	0.944	Pass
Mid Channel	2441	1.094	0.944	Pass
High Channel	2480	1.094	0.944	Pass

Table 7: Test result of 20dB & 99% Bandwidth, EDR mode

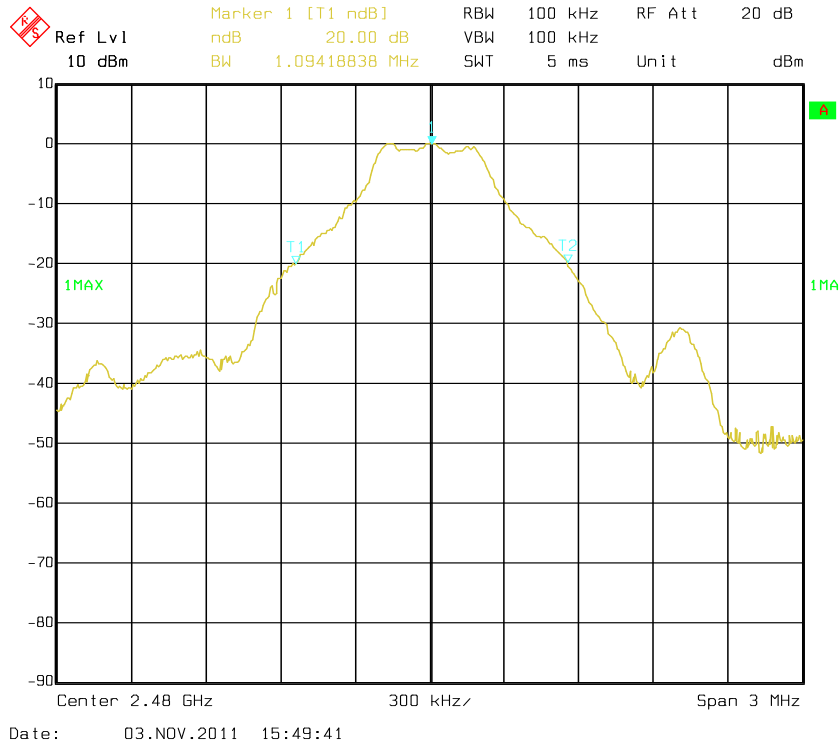
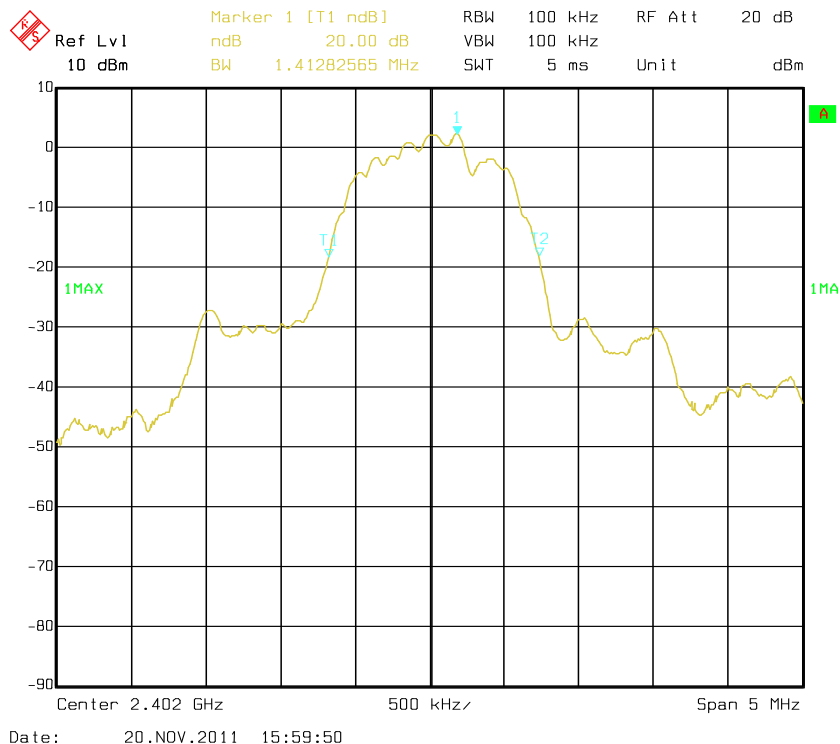
Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)	Result
Low Channel	2402	1.413	1.242	Pass
Mid Channel	2441	1.403	1.232	Pass
High Channel	2480	1.403	1.232	Pass

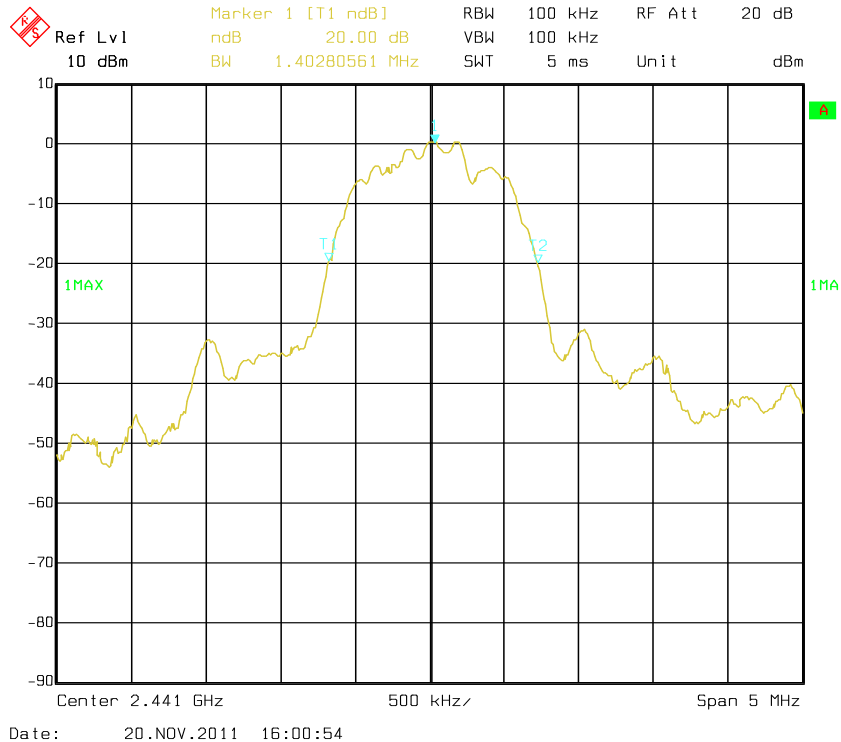
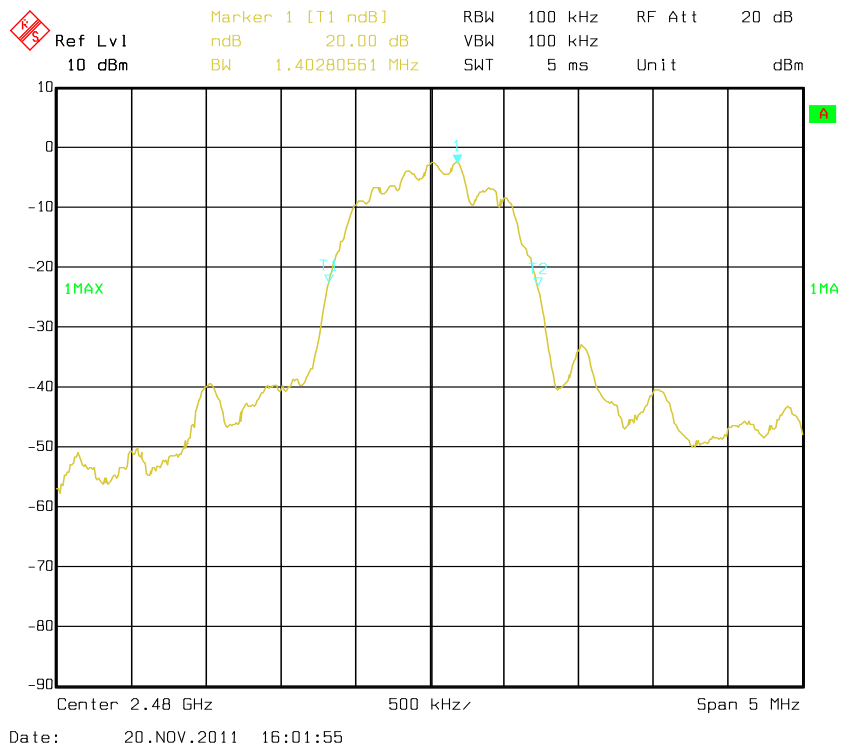
Test Plot of 20dB Bandwidth
BDR mode, Low Channel


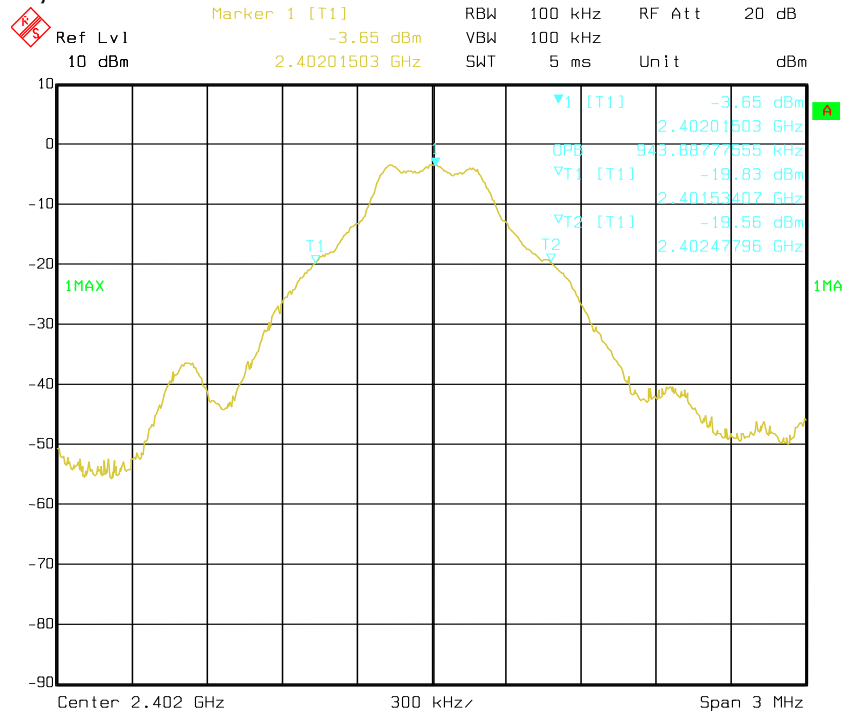
Date: 03.NOV.2011 15:47:21

BDR mode, Middle Channel


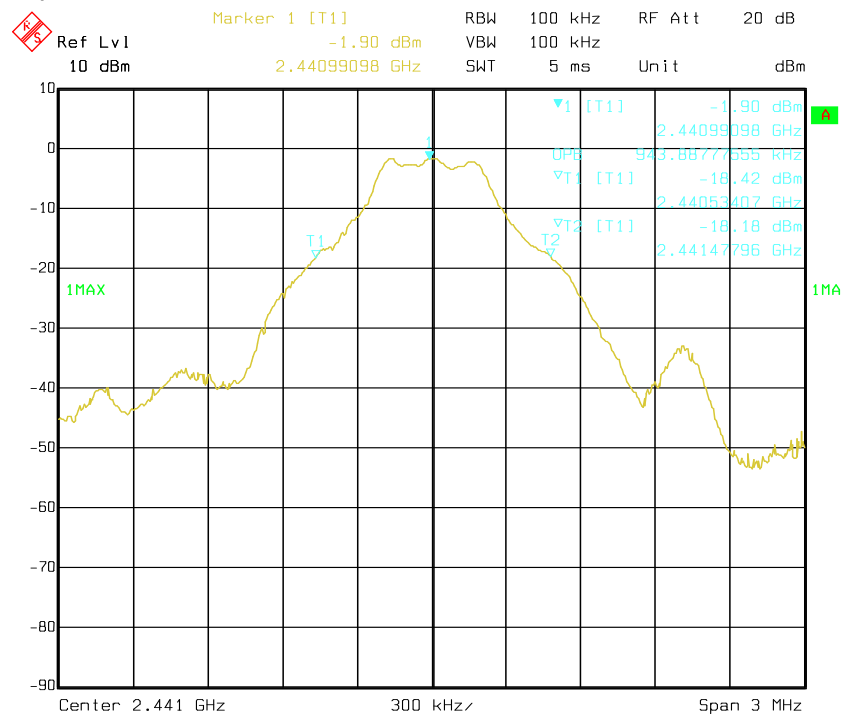
Date: 03.NOV.2011 15:48:26

BDR mode, High Channel

EDR mode, Low Channel


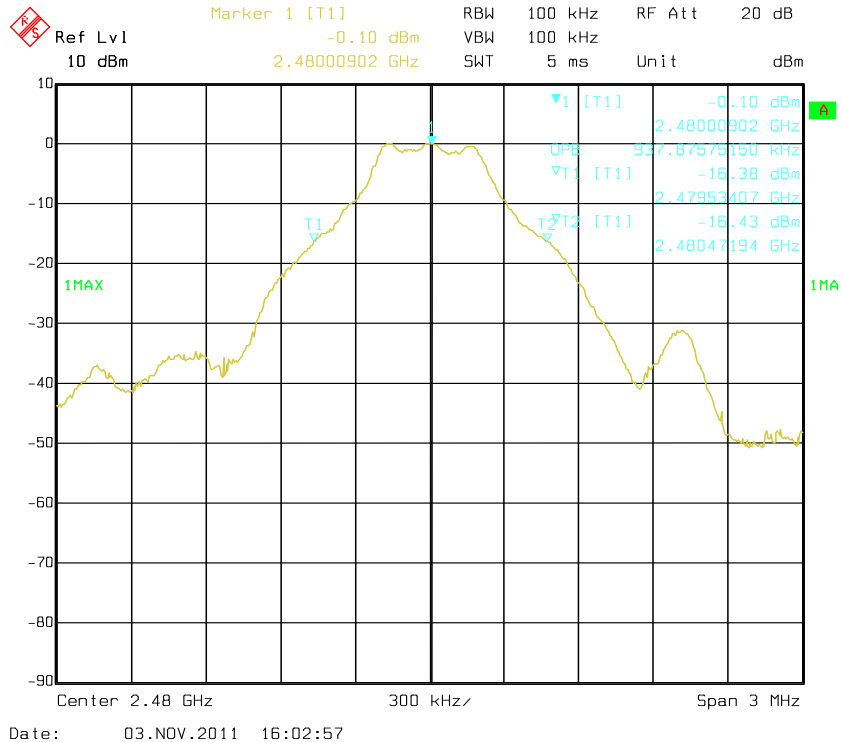
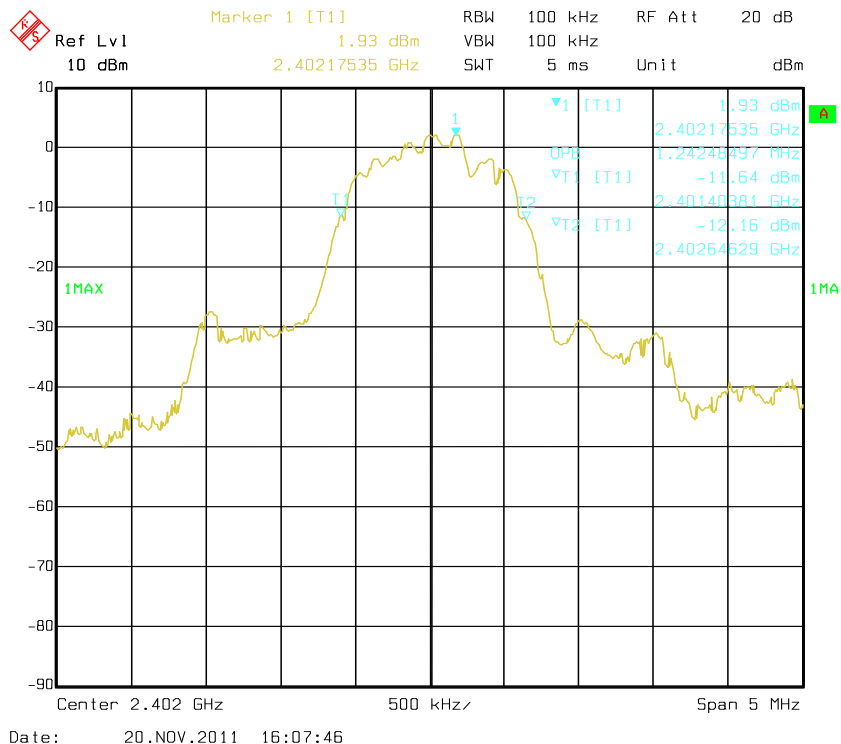
EDR mode, Middle Channel

EDR mode, High Channel


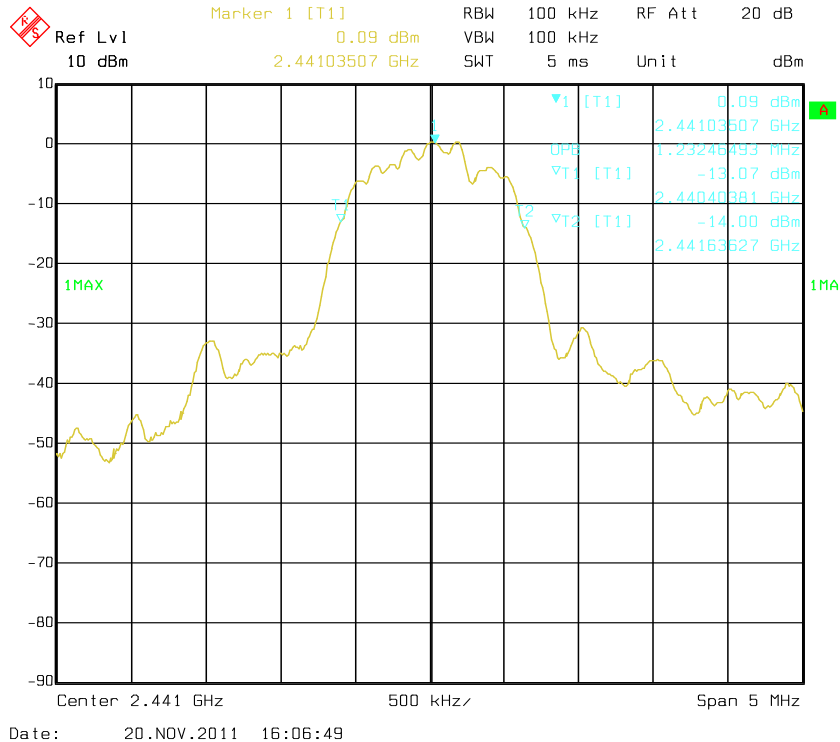
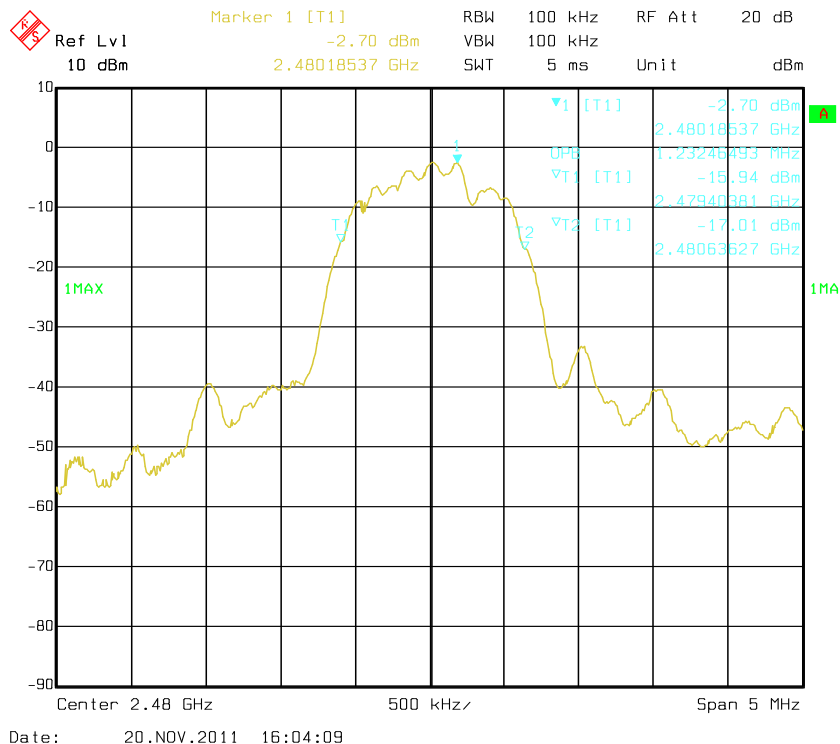
Test Plot of 99% Bandwidth
BDR mode, Low Channel


Date: 03.NOV.2011 16:00:18

BDR mode, Middle Channel


Date: 03.NOV.2011 16:01:45

BDR mode, High Channel

EDR mode, Low Channel


EDR mode, Middle Channel

EDR mode, High Channel


5.1.4 Conducted Spurious Emissions measured in 100kHz Bandwidth**RESULT:****Pass**

Date of testing : 2011-11-21
Test standard : FCC part 15.247(d)
RSS-210 A8.5
Basic standard : ANSI C63.4: 2003
Limit : 20dB (below that in the 100kHz bandwidth within
the band that contains the highest level of the
desired power);
Kind of test site : Shield room

Test setup

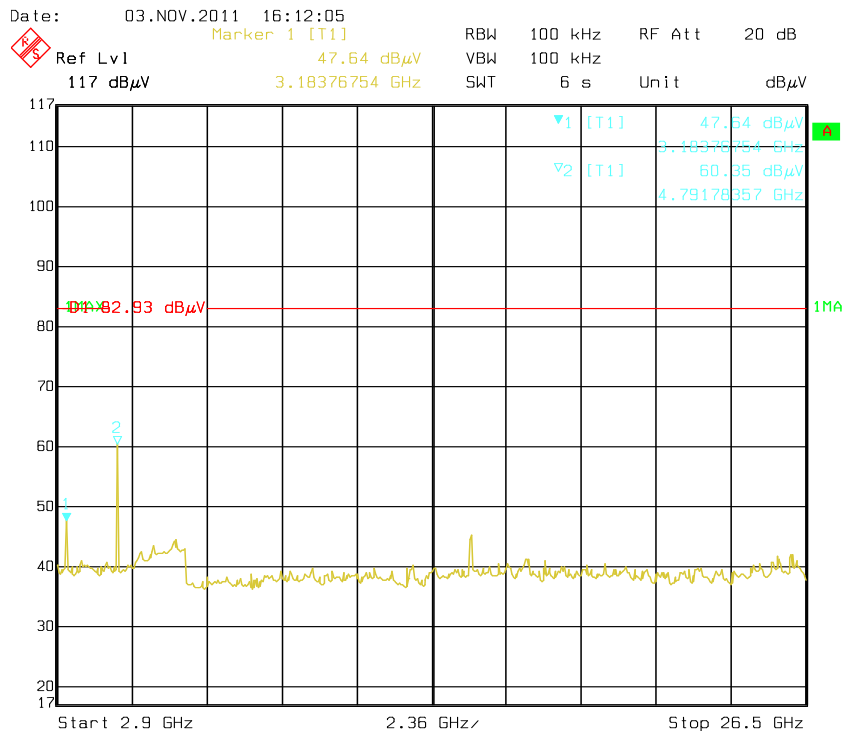
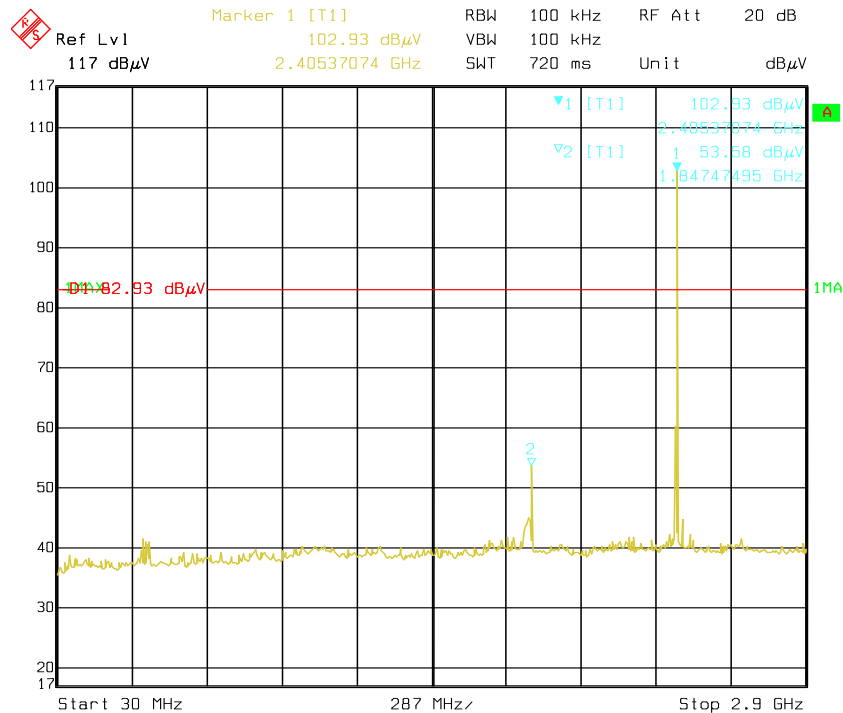
Test Channel : Low/ Middle/ High
Operation mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

All emissions are more than 20dB below fundamental, details refer to following test plot,
and compliance is achieved as well.

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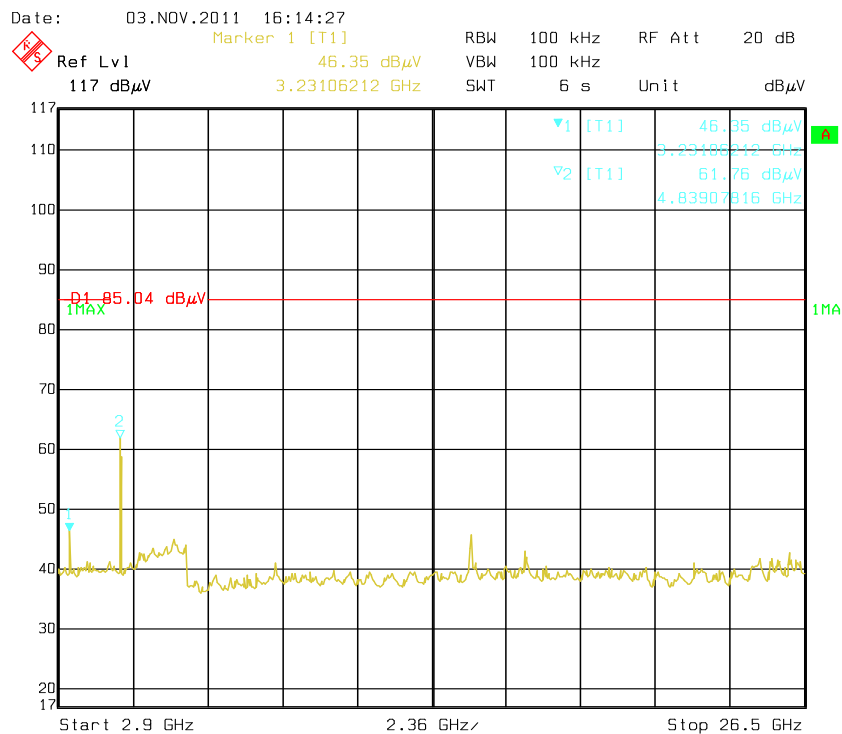
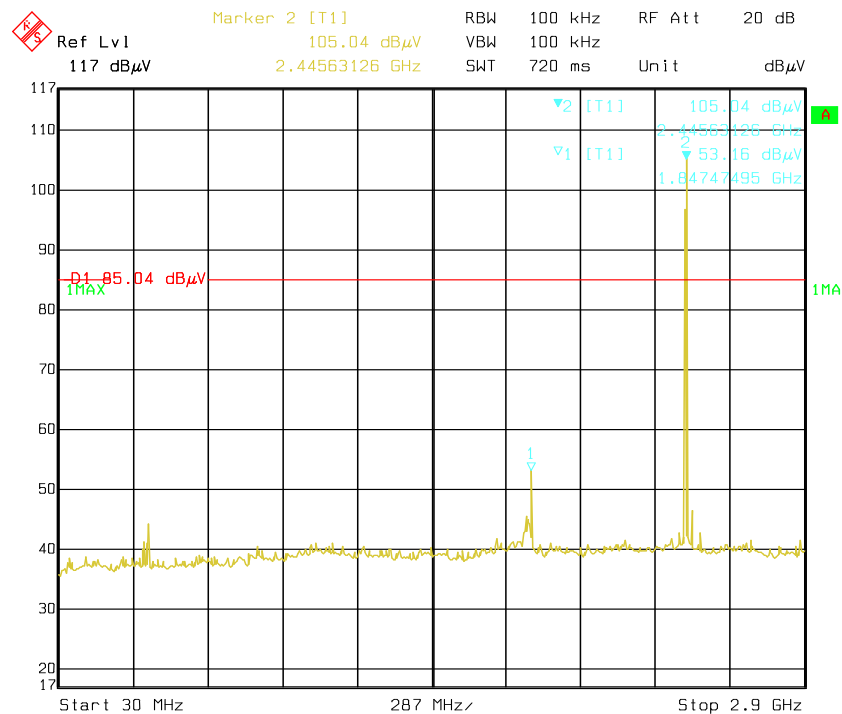
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth

Low Channel



Date: 03.NOV.2011 16:13:08

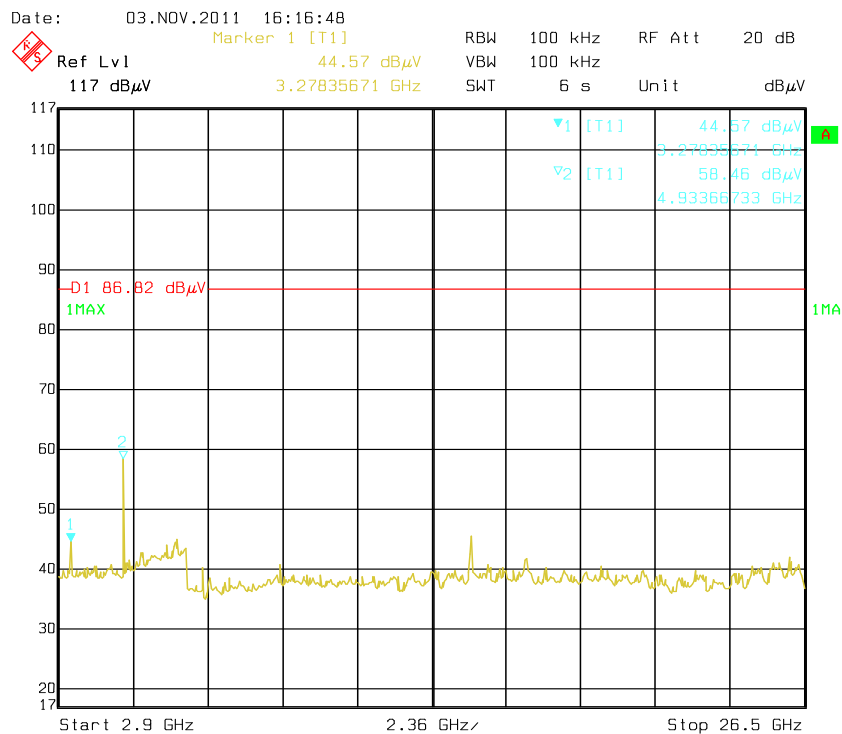
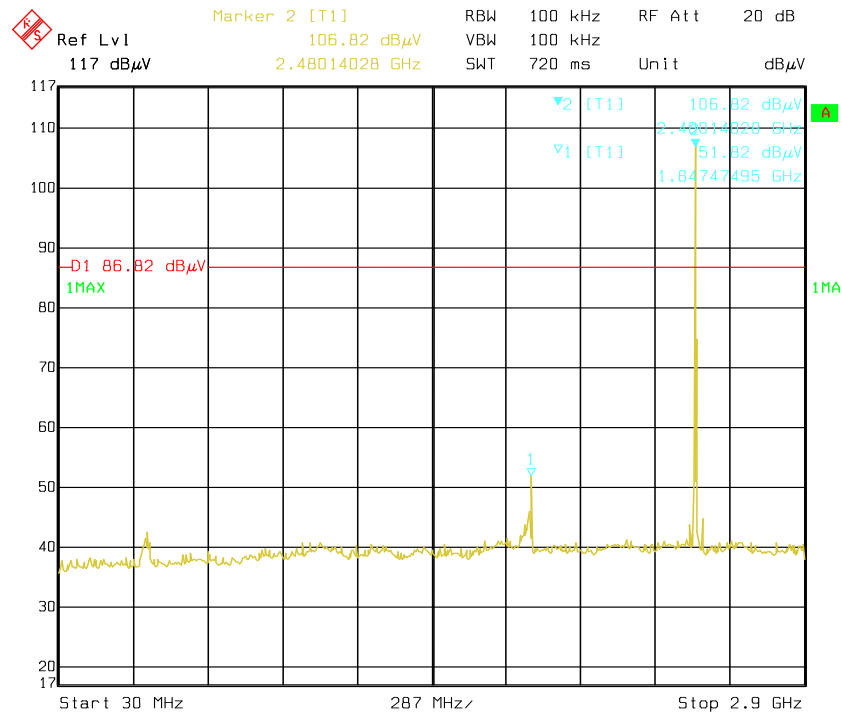
Middle Channel

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Date: 03.NOV.2011 16:15:40

High Channel

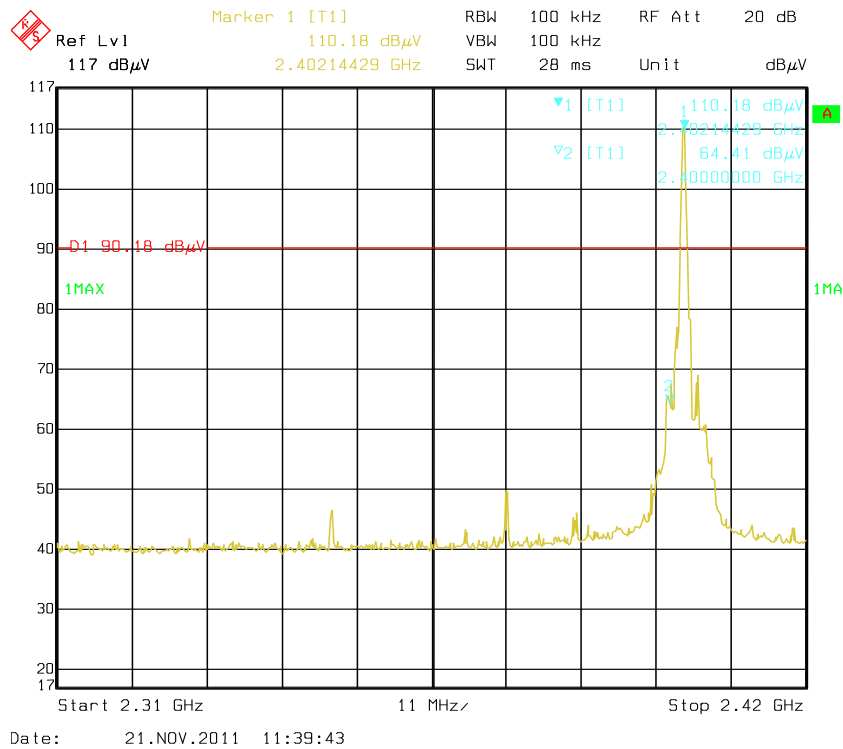
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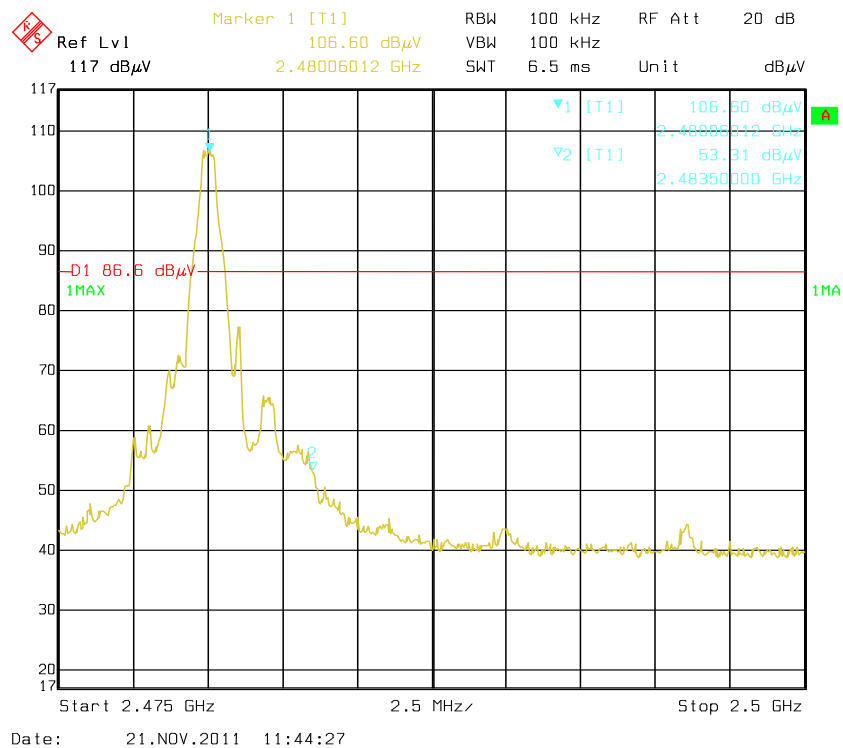
Date: 03.NOV.2011 16:17:58

Test Plot of 100 kHz Bandwidth of Frequency Band Edge

Low Channel



High Channel



5.1.5 Spurious Emission

RESULT:**Pass**

Date of testing : 2011-11-25
Test standard : FCC part 15.247(d)
RSS-210 Clause 2.2
Basic standard : ANSI C63.4: 2003
Limits : Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site : 3m Semi-Anechoic Chamber

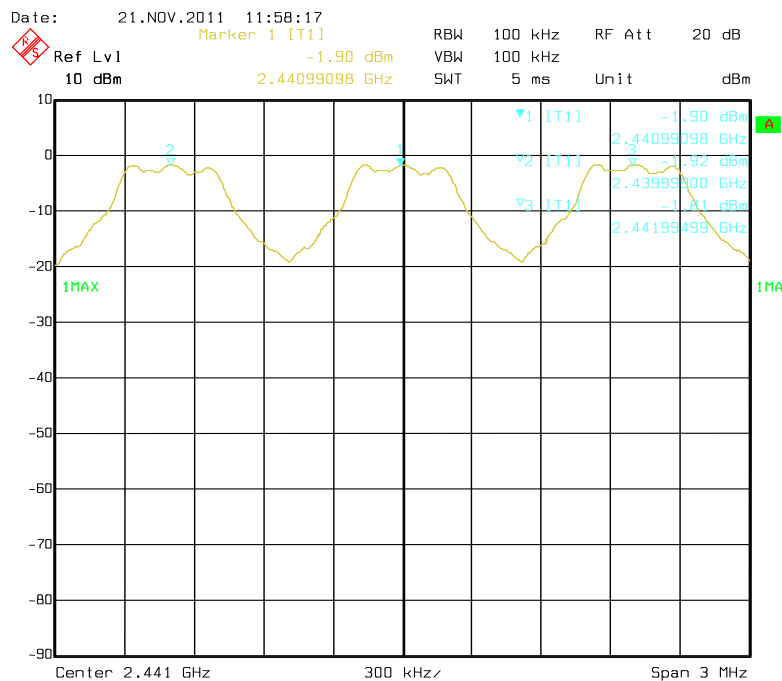
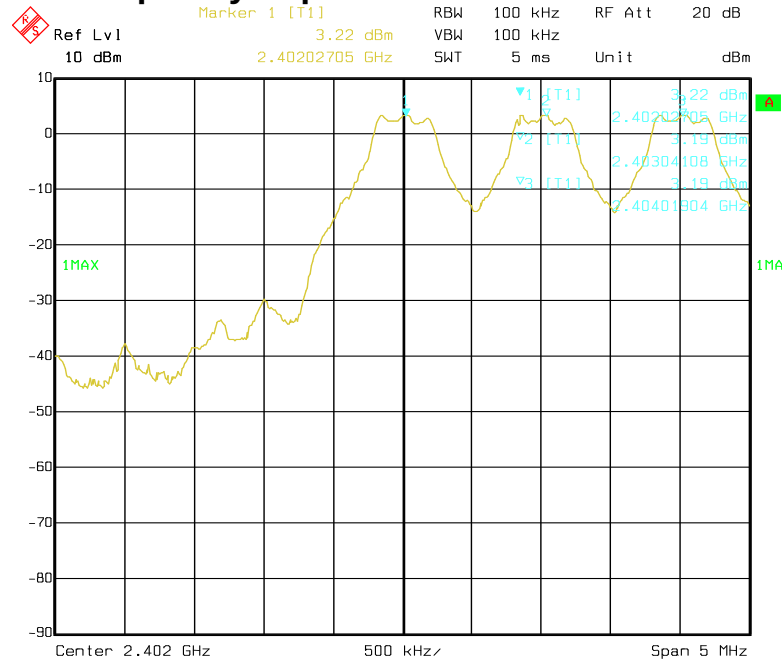
Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.1
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

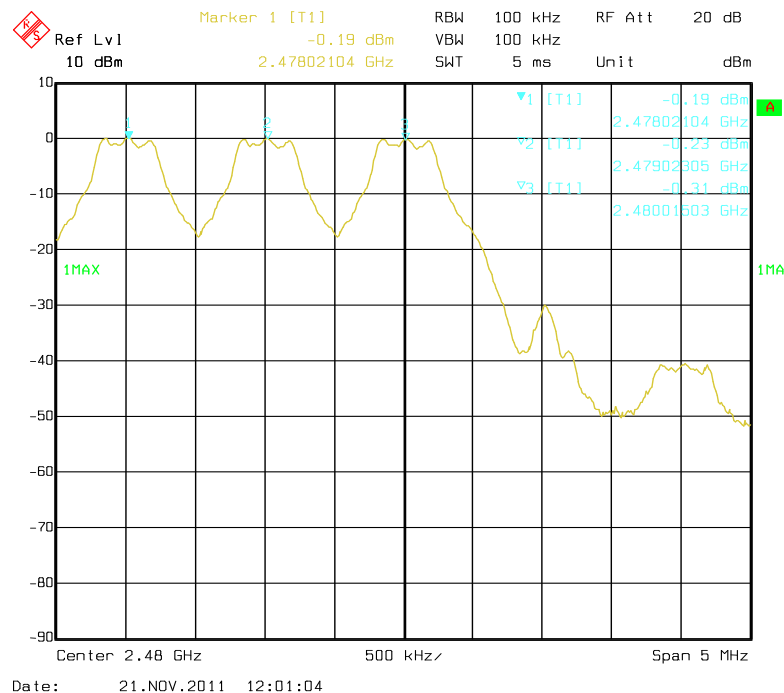
Testing was carried out within frequency range 9kHz to the tenth harmonics.
The worst case in frequency range 9kHz to 30MHz was found on middle channel. The worst case was found on 8DPSK modulation mode. The Radiated Emissions testing was performed in the X, Y and Z axis mode. The X Axis mode is the worst-case recorded in this test report.

Refer to attached Appendix 1.

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2480	1	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2479			

Test Plot of Frequency Separation


Date: 03.NOV.2011 15:57:37

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5.1.7 Number of hopping frequency**RESULT:****Pass**

Date of testing : 2011-11-03
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2009
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

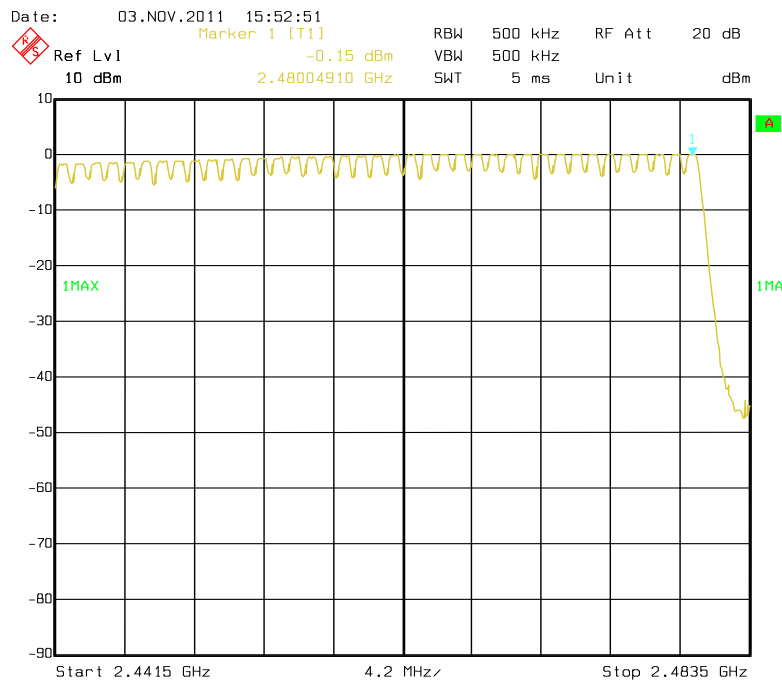
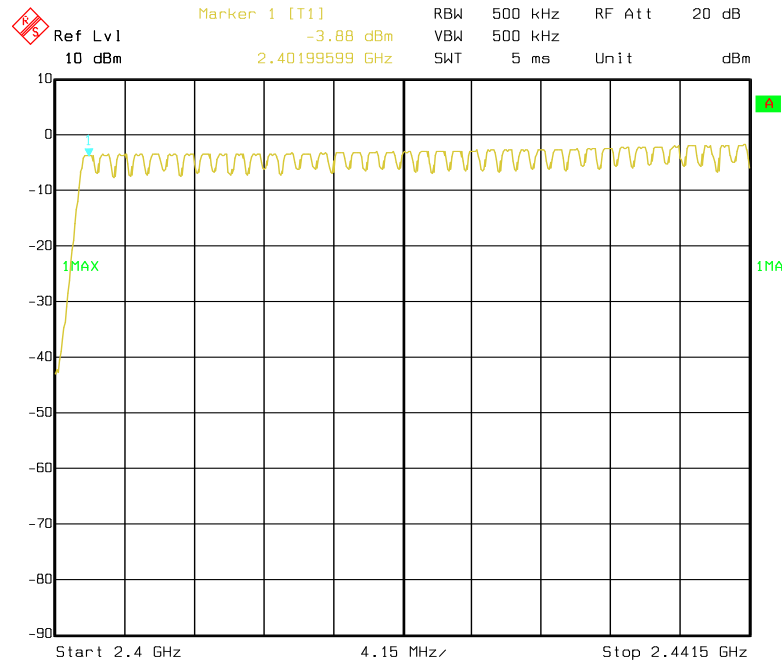
Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1.a
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 9: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2400 to 2483.5MHz	79	≥ 15	Pass

Test Plot of Number of hopping frequency



Date: 03.NOV.2011 15:54:47

5.1.8 Time of Occupancy

RESULT:**Pass**

Date of testing : 2011-11-21
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2009
Limits : 0.4s
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

Table 10: Test result of Time of Occupancy

Data Mode	Pulse width (ms)	Measured Dwell time (s)	Limit (s)	Result
DH1	0.581	0.185	0.4	Pass
DH3	1.844	0.295	0.4	Pass
DH5	3.066	0.326	0.4	Pass

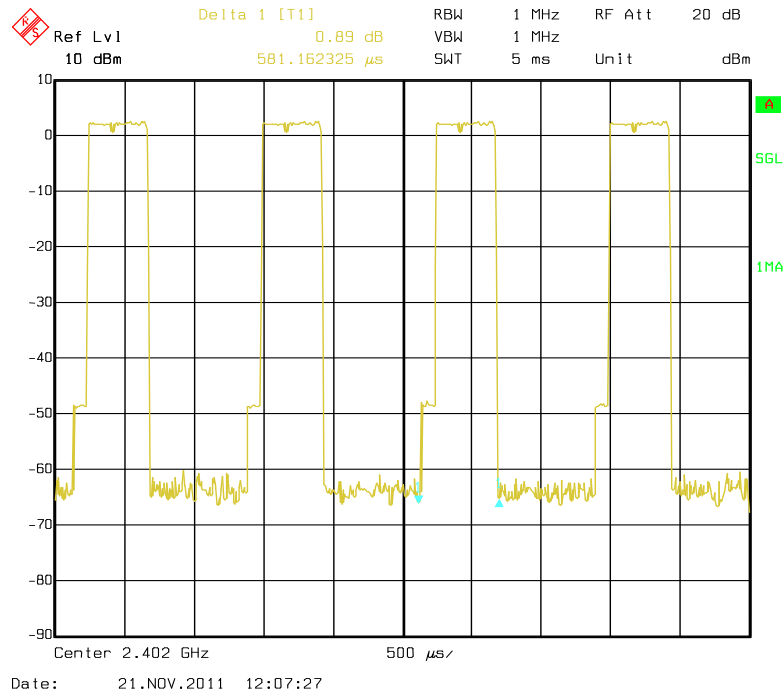
Note:

Dwell time = Pulse width x (Hopping rate / Number of channels) x Period

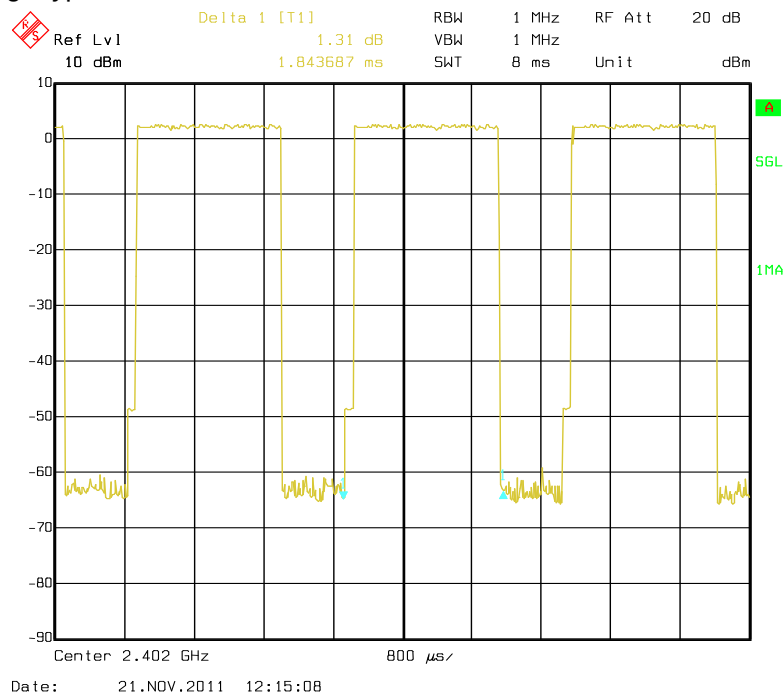
Period = 0.4 (seconds/ channel) x 79 (channel) = 31.6 seconds

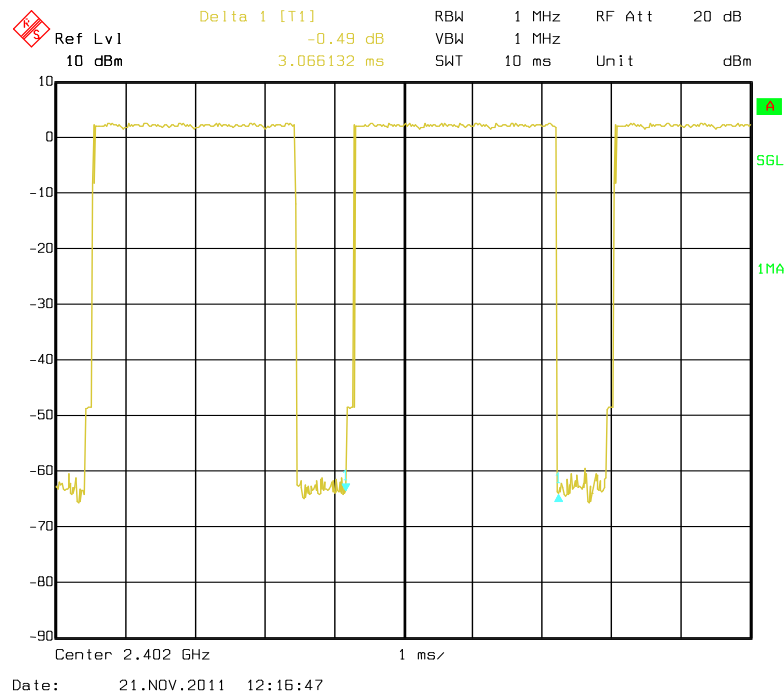
Test Plot of Time of Occupancy

DH1 package type



DH3 package type



DH5 package type


5.1.9 Radiated emissions**RESULT:****Pass**

Date of testing : 2011-11-15
Test standard : FCC Part 15.109
Basic standard : ANSI C63.4: 2003
Frequency range : 30 – 1000MHz
Limits : FCC Part 15.109(a)
ICES-003
Kind of test site : 3m Semi-Anechoic Chamber

Test Setup

Input Voltage : DC 9V (via AC/DC Adaptor)
Operation Mode : A.2 & A.3
Earthing : Not Connected
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

For details refer to following test plot.

Test Plot of Radiated emissions



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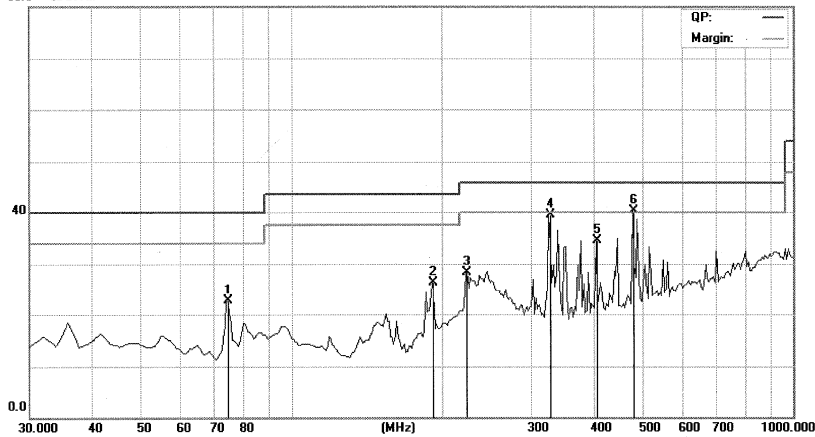
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #19

Date: 11/11/15/

Time: 15/57/59



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: AUX IN

Note:

Polarization: **Horizontal**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		74.7094	39.43	-16.71	22.72	40.00	-17.28	peak		0
2		191.3427	38.42	-12.18	26.24	43.50	-17.26	peak		0
3		222.4448	38.72	-10.45	28.27	46.00	-17.73	peak		0
4		325.4708	47.24	-7.65	39.59	46.00	-6.41	peak		0
5		405.1702	39.78	-5.20	34.58	46.00	-11.42	peak		0
6	*	479.0380	44.06	-3.73	40.33	46.00	-5.67	peak		0

*:Maximum data x:Over limit l:over margin

(Reference Only)

Receiver: ESD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#19

Page: 1



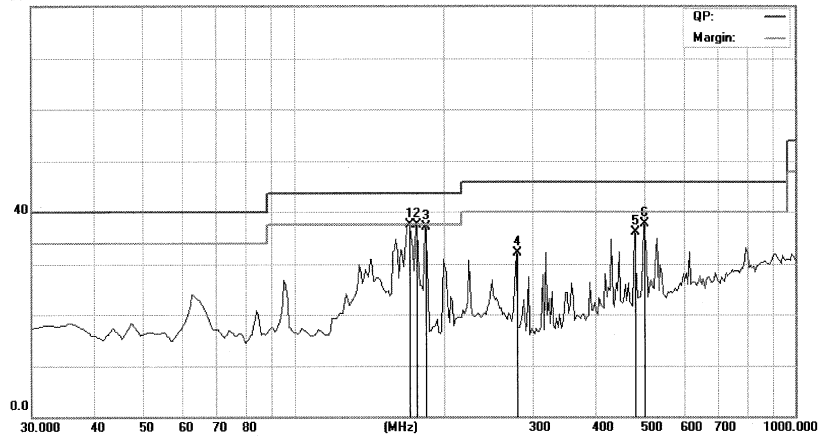
TIMEWAYTECH
 Tel:0755-83448688
 Fax:0755-83442996

Radiated Emission Measurement

File :MF240BT
 Data :#20

Date: 11/11/15/

Time: 15/59/32



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: AUX IN

Note:

Polarization: **Vertical**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		169.9600	51.37	-13.96	37.41	43.50	-6.09	peak	0	
2	*	175.7916	50.97	-13.49	37.48	43.50	-6.02	peak	0	
3		183.5671	49.96	-12.81	37.15	43.50	-6.35	peak	0	
4		278.8176	40.84	-8.77	32.07	46.00	-13.93	peak	0	
5		479.0381	39.83	-3.73	36.10	46.00	-9.90	peak	0	
6		500.4208	40.79	-3.08	37.71	46.00	-8.29	peak	0	

*:Maximum data x:Over limit l:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#20

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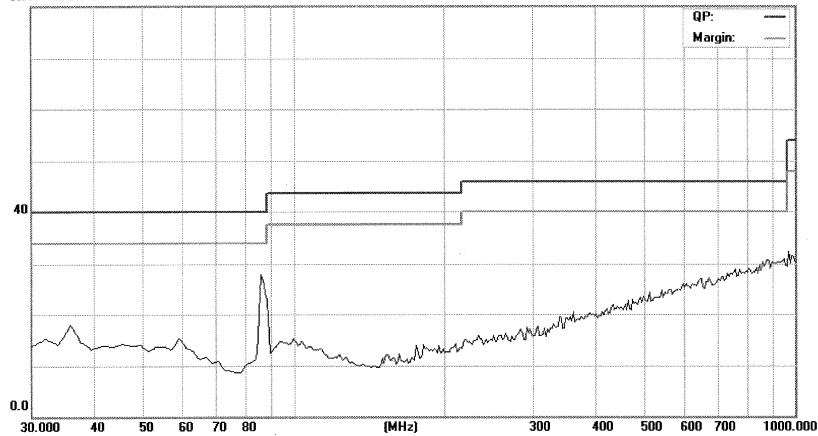
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #14

Date: 11/11/15/

Time: 15/39/11



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: FM 88MHz

Note:

Polarization: **Horizontal**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD Spectrum Analyzer: FSEM

Antenna: VULB 9163 Engineer Signature:

Amplifier: HP8447D

File: MF240BTData: #14

Page: 1



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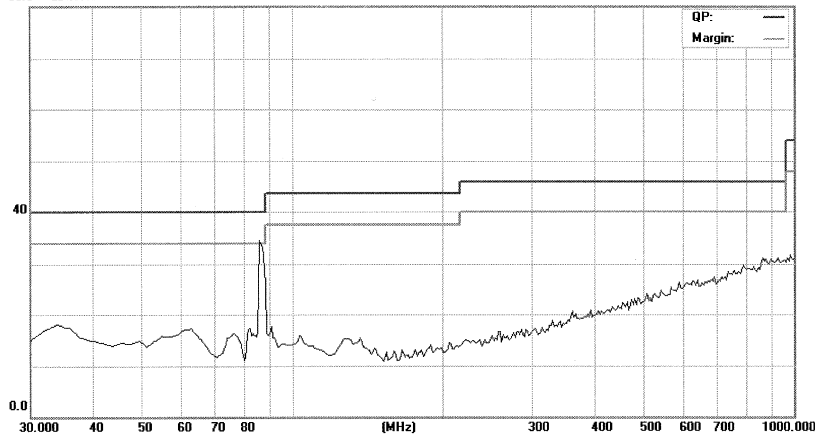
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #13

Date: 11/11/15/

Time: 15/37/58



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: FM 88MHz

Note:

Polarization: **Vertical**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File: MF240BTData: #13

Page: 1


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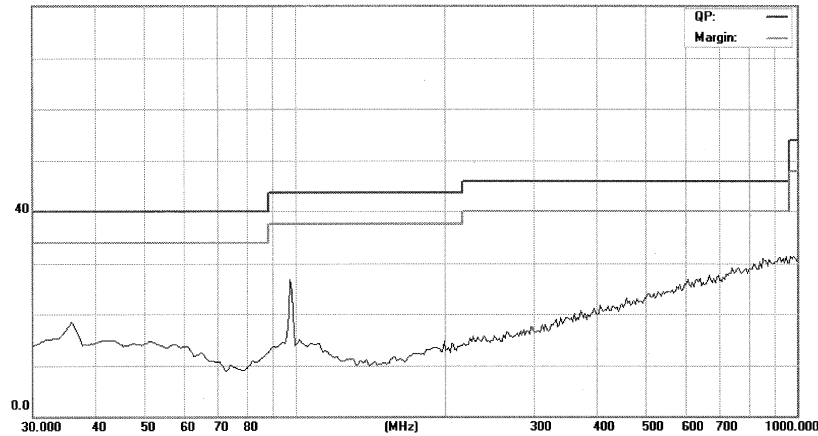
Radiated Emission Measurement

 File :MF240BT
 80.0 dBuV/m

Data #15

Date: 11/11/15/

Time: 15/41/25



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: FM 98MHz

Note:

 Polarization: **Horizontal**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
										Comment

*:Maximum data x:Over limit l:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#15

Page: 1



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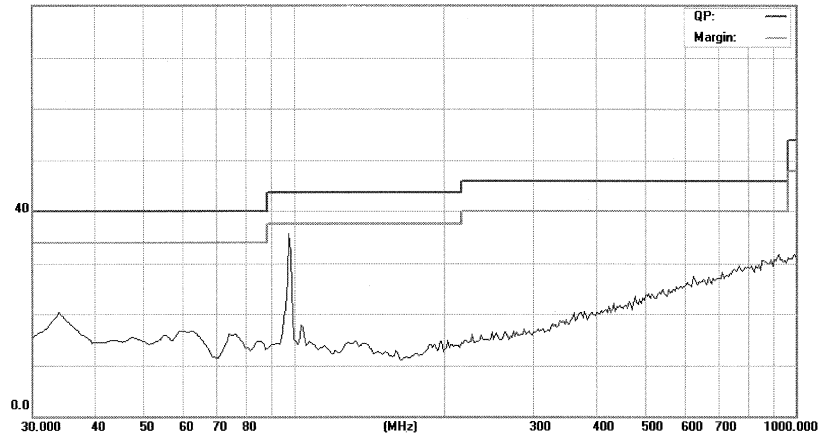
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #16

Date: 11/11/15/

Time: 15/43/12



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: FM 98MHz

Note:

Polarization: **Vertical**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File: MF240BTData: #16

Page: 1



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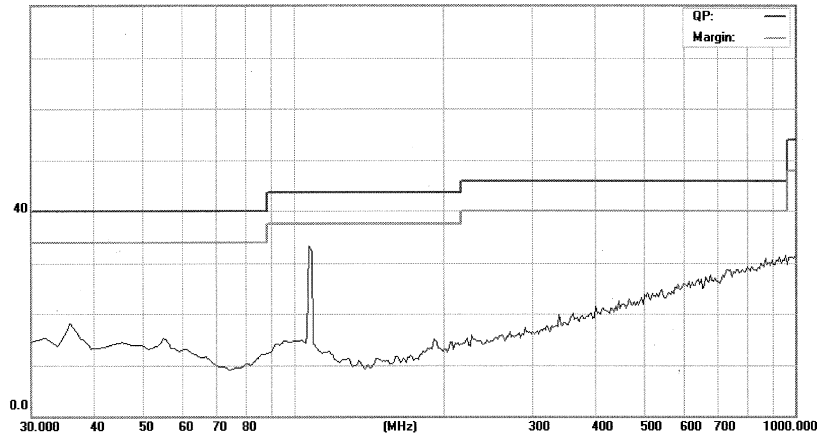
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #18

Date: 11/11/15/

Time: 15/50/07



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: FM 108MHz

Note:

Polarization: **Horizontal**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD Spectrum Analyzer: FSEM

Antenna: VULB 9163 Engineer Signature:

Amplifier: HP8447D

File: MF240BTData: #18

Page: 1



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 Tel: 0755-83448688
 Fax: 0755-83442996

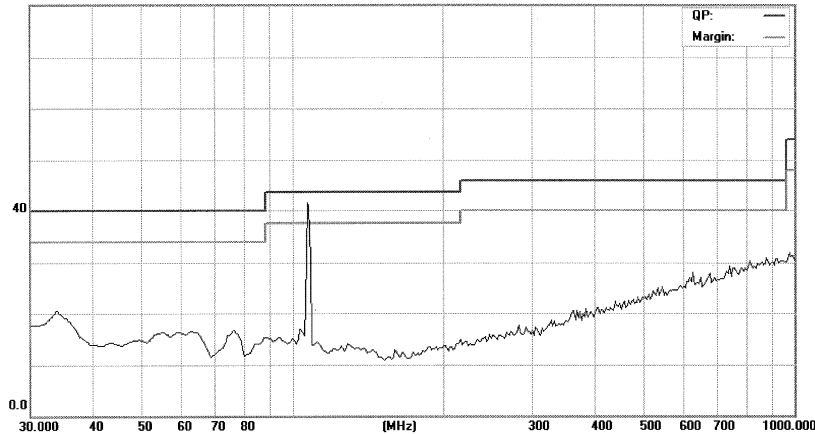
Radiated Emission Measurement

File: MF240BT
 80.0 dBuV/m

Data: #17

Date: 11/11/15/

Time: 15/49/21



Site site #1
 Limit: FCC Class B 3M Radiation
 EUT: speaker
 M/N: MF240BT
 Mode: FM 108MHz
 Note:

Polarization: **Vertical**
 Power: AC 120V/60Hz
 Distance: 3m
 Temperature: 26
 Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD Spectrum Analyzer: FSEM
 Antenna: VULB 9163 Engineer Signature:
 Amplifier: HP8447D

File: MF240BTData: #17

Page: 1

5.1.10 Conducted emissions**RESULT:****Pass**

Date of testing : 2011-11-15
Test standard : FCC Part 15.107
FCC Part 15.207
RSS-210 Clause 2.6
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.107(a)
Table 4 of RSS Gen
Kind of test site : Shield room

Test setup

Input Voltage : DC 9V (via AC/DC Adaptor)
Operation Mode : A
Earthing : Not Connected
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

For details refer to following test plot.

Test Plot of Conducted emissions

ACCURATE TECHNOLOGY CO.,LTD

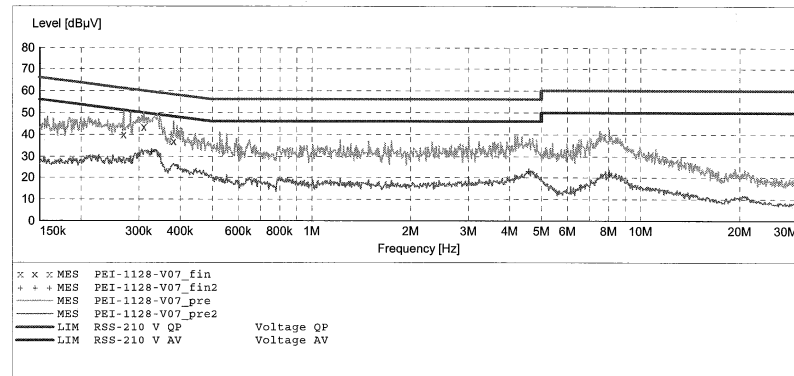
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:05:25AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "PEI-1128-V07_fin"

11/28/2011 9:08AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.269741	40.00	11.5	61	21.1	QP	L1	GND
0.310189	43.50	11.6	60	16.5	QP	L1	GND
0.381751	36.90	11.8	58	21.3	QP	L1	GND

MEASUREMENT RESULT: "PEI-1128-V07_fin2"

11/28/2011 9:08AM

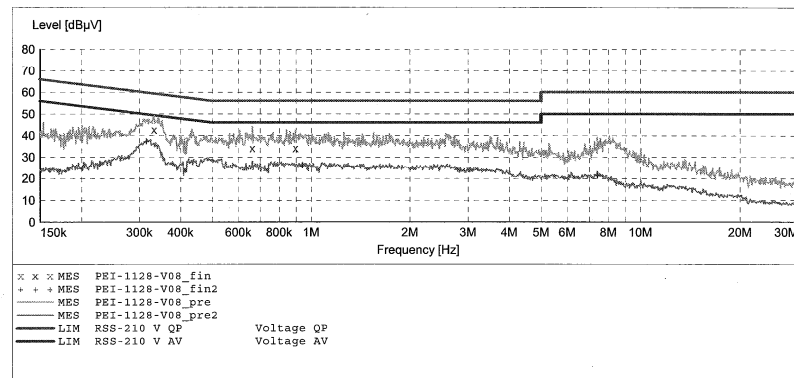
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.328019	32.10	11.6	50	17.4	AV	L1	GND
4.572455	22.60	11.5	46	23.4	AV	L1	GND
8.027918	21.20	11.3	50	28.8	AV	L1	GND

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ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:08:42AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-1128-V08_fin"

11/28/2011 9:10AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.331971	42.70	11.7	59	16.7	QP	N	GND
0.662266	34.20	11.9	56	21.8	QP	N	GND
0.897004	34.20	11.9	56	21.8	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V08_fin2"

11/28/2011 9:10AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.315182	37.20	11.6	50	12.6	AV	N	GND
0.941021	25.80	11.8	46	20.2	AV	N	GND
7.411885	21.20	11.3	50	28.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

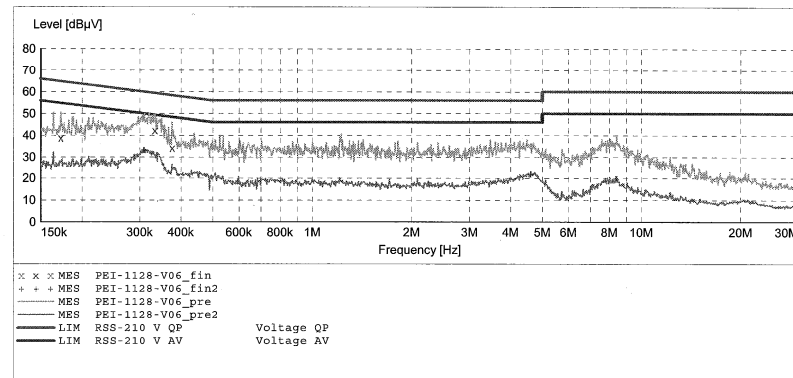
EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:02:38AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
Frequency 150.0 kHz	Frequency 30.0 MHz	Step 0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008

Average


MEASUREMENT RESULT: "PEI-1128-V06_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.172493	38.90	11.1	65	25.9	QP	L1	GND
0.333299	42.30	11.7	59	17.1	QP	L1	GND
0.375703	34.20	11.8	58	24.2	QP	L1	GND

MEASUREMENT RESULT: "PEI-1128-V06_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.308954	33.10	11.6	50	16.9	AV	L1	GND
4.609108	21.60	11.5	46	24.4	AV	L1	GND
8.388296	19.30	11.3	50	30.7	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

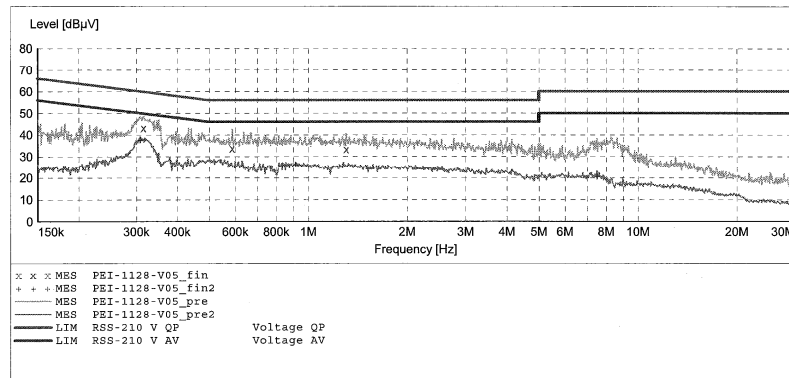
EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 8:55:10AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008

Average


MEASUREMENT RESULT: "PEI-1128-V05_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.315182	43.20	11.6	60	16.6	QP	N	GND
0.587518	33.80	12.0	56	22.2	QP	N	GND
1.305460	33.40	11.8	56	22.6	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V05_fin2"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.307723	37.30	11.6	50	12.7	AV	N	GND
0.915089	26.00	11.9	46	20.0	AV	N	GND
7.501184	20.40	11.3	50	29.6	AV	N	GND

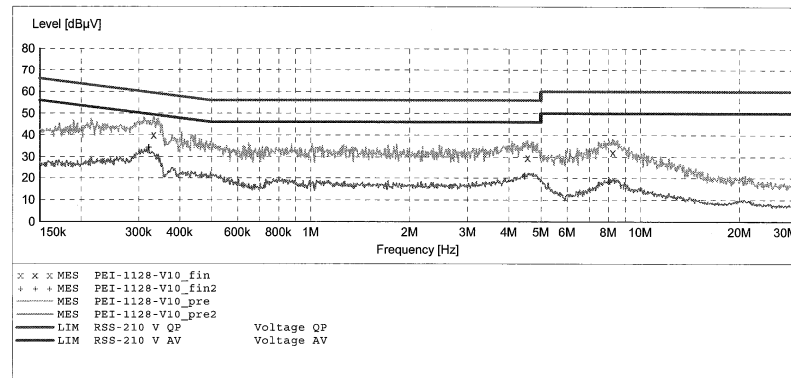
ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:14:27AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V10_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.333299	40.10	11.7	59	19.3	QP	L1	GND
4.554238	29.70	11.5	56	26.3	QP	L1	GND
8.255415	32.20	11.3	60	27.8	QP	L1	GND

MEASUREMENT RESULT: "PEI-1128-V10_fin2"

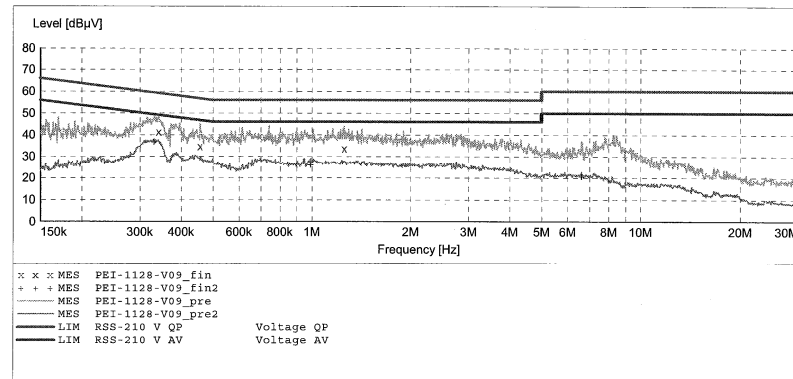
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.321537	34.30	11.6	50	15.4	AV	L1	GND
4.464236	20.50	11.5	46	25.5	AV	L1	GND
8.027918	18.20	11.3	50	31.8	AV	L1	GND

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Test Report No.
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ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:13:20AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-1128-V09_fin"

11/28/2011 9:13AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.341378	41.40	11.7	59	17.8	QP	N	GND
0.456875	34.70	11.9	57	22.0	QP	N	GND
1.254372	33.70	11.8	56	22.3	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V09_fin2"

11/28/2011 9:13AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.330648	36.60	11.7	49	12.8	AV	N	GND
0.991146	25.80	11.8	46	20.2	AV	N	GND
6.601627	20.50	11.4	50	29.5	AV	N	GND

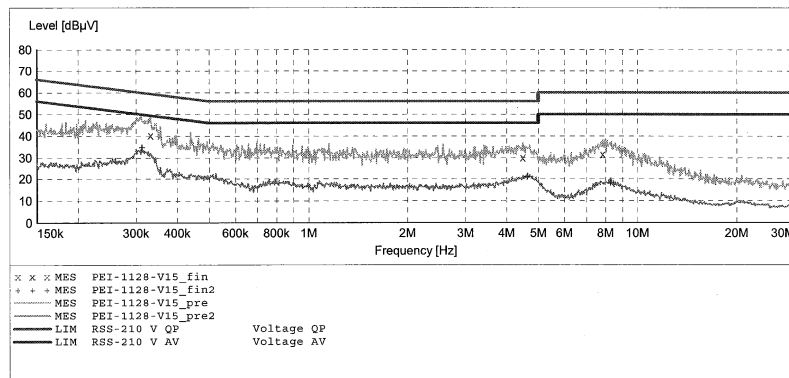
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ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2402MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:48:13AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V15_fin"

11/28/2011 9:50AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.331971	40.40	11.7	59	19.0	QP	L1	GND
4.482093	30.10	11.5	56	25.9	QP	L1	GND
7.837917	31.70	11.3	60	28.3	QP	L1	GND

MEASUREMENT RESULT: "PEI-1128-V15_fin2"

11/28/2011 9:50AM

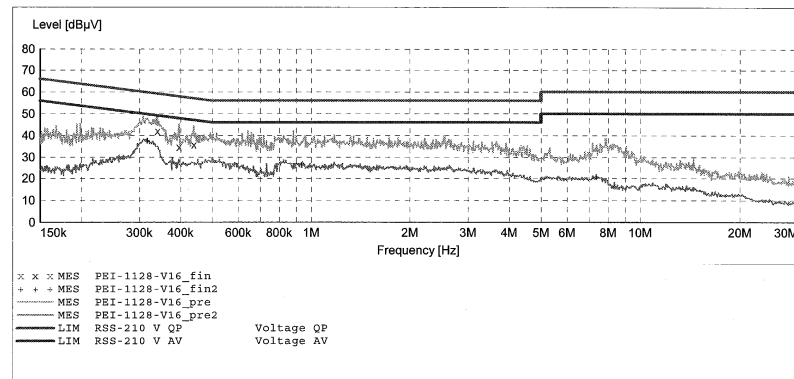
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.312676	34.70	11.6	50	15.2	AV	L1	GND
4.627544	20.70	11.5	46	25.3	AV	L1	GND
8.288437	17.90	11.3	50	32.1	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2402MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:50:46AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-1128-V16_fin"

11/28/2011 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.340018	42.00	11.7	59	17.2	QP	N	GND
0.395716	34.70	11.8	58	23.2	QP	N	GND
0.438995	35.80	11.9	57	21.3	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V16_fin2"

11/28/2011 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.316443	37.40	11.6	50	12.4	AV	N	GND
0.937272	25.80	11.8	46	20.2	AV	N	GND
7.352944	20.50	11.3	50	29.5	AV	N	GND

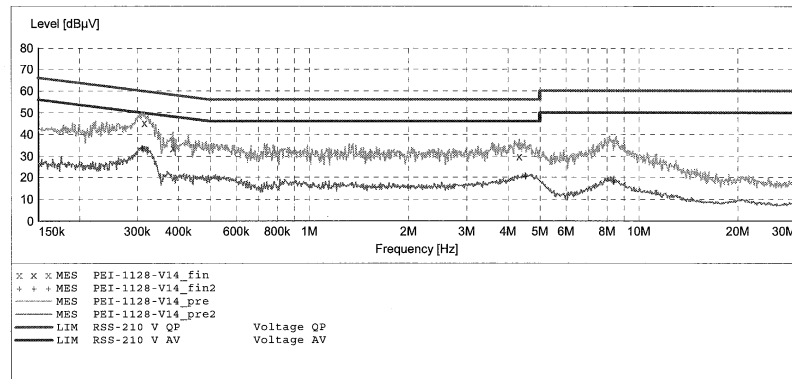
ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2441MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:45:40AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB STD VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V14_fin"

11/28/2011 9:47AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.315182	45.30	11.6	60	14.5	QP	L1	GND
0.384811	33.80	11.8	58	24.4	QP	L1	GND
4.323918	29.90	11.5	56	26.1	QP	L1	GND

MEASUREMENT RESULT: "PEI-1128-V14_fin2"

11/28/2011 9:47AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.310189	33.50	11.6	50	16.5	AV	L1	GND
4.518021	20.20	11.5	46	25.8	AV	L1	GND
8.388296	17.70	11.3	50	32.3	AV	L1	GND

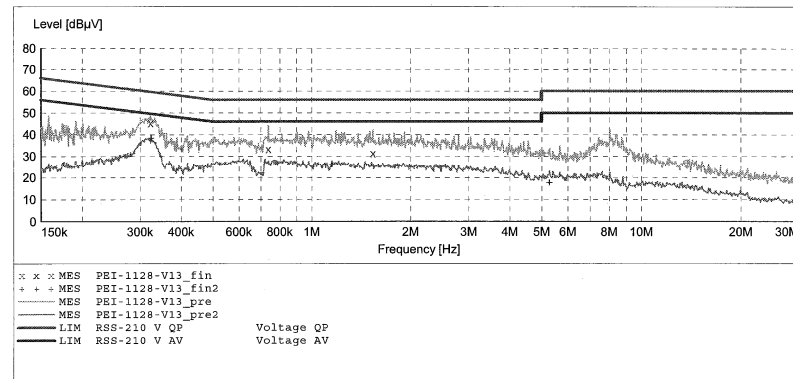
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Test Report No.
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ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2441MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:43:11AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V13_fin"

11/28/2011 9:45AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.322823	45.40	11.6	60	14.2	QP	N	GND
0.737637	33.40	11.9	56	22.6	QP	N	GND
1.537609	31.40	11.7	56	24.6	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V13_fin2"

11/28/2011 9:45AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.324114	38.30	11.6	50	11.3	AV	N	GND
1.153502	25.90	11.8	46	20.1	AV	N	GND
5.279139	17.60	11.4	50	32.4	AV	N	GND

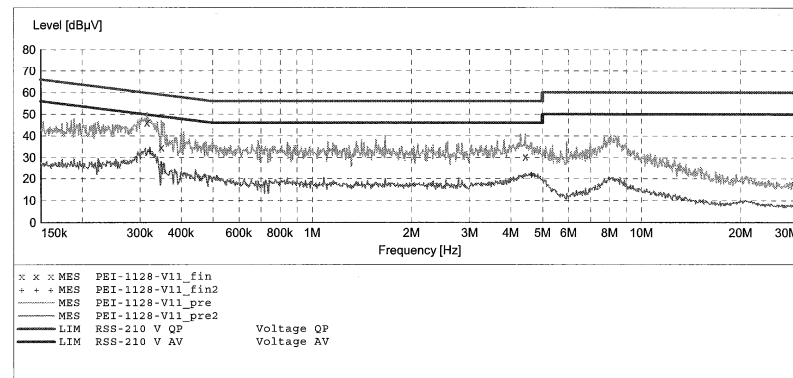
ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2480MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:37:58AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V11_fin"

11/28/2011 9:39AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.315182	46.20	11.6	60	13.6	QP	L1	GND	
0.348261	34.80	11.7	59	24.2	QP	L1	GND	
4.428735	30.50	11.5	56	25.5	QP	L1	GND	

MEASUREMENT RESULT: "PEI-1128-V11_fin2"

11/28/2011 9:39AM								
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE	
0.321537	32.70	11.6	50	17.0	AV	L1	GND	
0.348261	26.60	11.7	49	22.4	AV	L1	GND	
4.627544	21.50	11.5	46	24.5	AV	L1	GND	

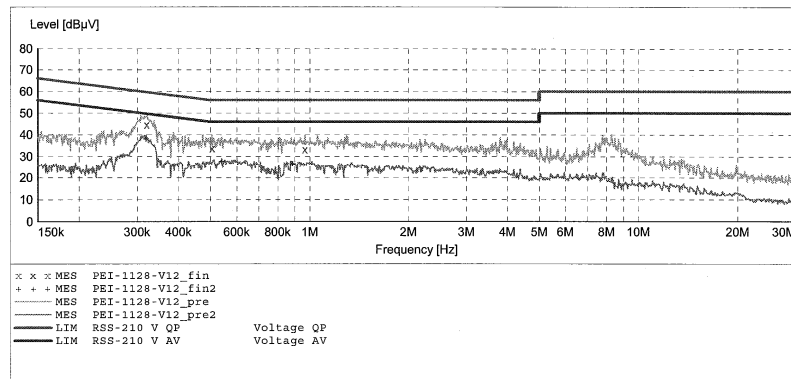
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ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD RSS-210

EUT: Multimedia Speaker M/N:MF240BT
 Manufacturer: EDIFIER
 Operating Condition: RX 2480MHz
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 11/28/2011 / 9:40:31AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "PEI-1128-V12_fin"

11/28/2011 9:42AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.320256	44.70	11.6	60	15.0	QP	N	GND
0.504824	33.80	12.0	56	22.2	QP	N	GND
0.967688	33.30	11.8	56	22.7	QP	N	GND

MEASUREMENT RESULT: "PEI-1128-V12_fin2"

11/28/2011 9:42AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.318980	38.00	11.6	50	11.7	AV	N	GND
0.540273	27.60	12.0	46	18.4	AV	N	GND
0.886326	26.30	11.9	46	19.7	AV	N	GND

TEL:
FAX:

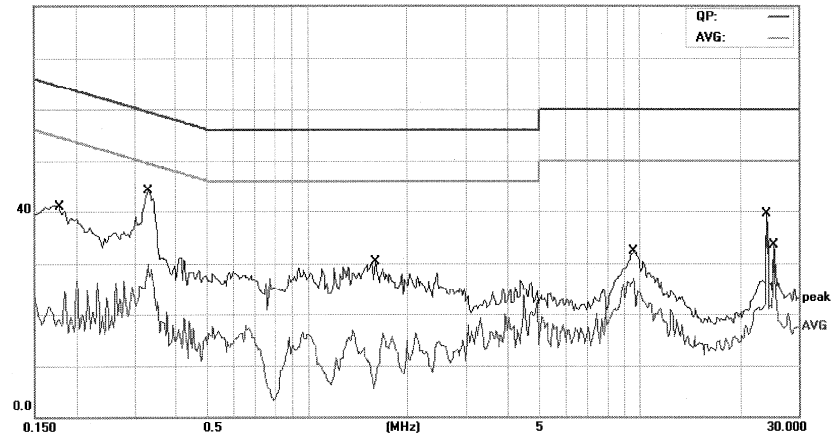
Conducted Emission Measurement

File :MF240BT
80.0 dBuV

Data :#6

Date: 2011-11-15

Time: 16:22:48



Site Chamber #1

Phase: L1

Temperature: 26 (C)

Limit: FCC PART15 Conduction(QP)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: speaker

M/N: MF240BT

Mode: AUX IN

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1797	39.67	0.00	39.67	64.49	-24.82	QP	
2		0.1797	24.29	0.00	24.29	54.49	-30.20	AVG	
3		0.3297	42.47	0.00	42.47	59.46	-16.99	QP	
4		0.3297	31.96	0.00	31.96	49.46	-17.50	AVG	
5		1.6031	24.57	0.00	24.57	56.00	-31.43	QP	
6		1.6031	14.79	0.00	14.79	46.00	-31.21	AVG	
7		9.6367	29.89	0.00	29.89	60.00	-30.11	QP	
8		9.6367	17.12	0.00	17.12	50.00	-32.88	AVG	
9		24.0586	42.95	0.00	42.95	60.00	-17.05	QP	
10	*	24.0586	37.64	0.00	37.64	50.00	-12.36	AVG	
11		25.2305	34.14	0.00	34.14	60.00	-25.86	QP	
12		25.2305	28.68	0.00	28.68	50.00	-21.32	AVG	

*:Maximum data x:Over limit !:over margin

File :MF240BTData :#6

Page: 1

Engineer Signature:

TEL:
FAX:

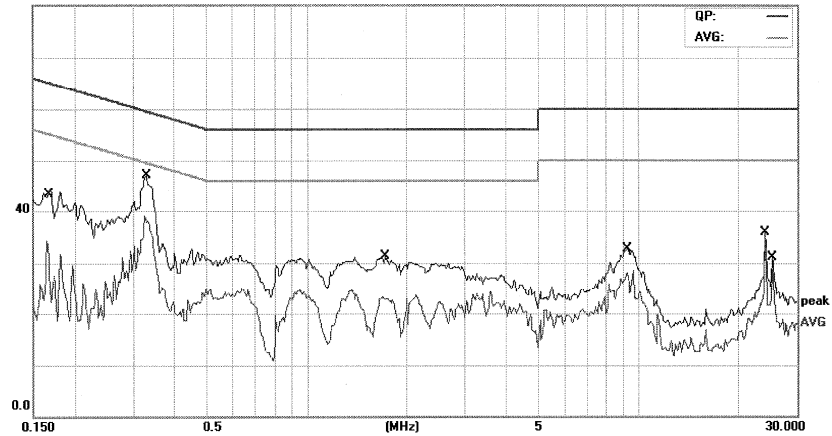
Conducted Emission Measurement

File :MF240BT
80.0 dBuV

Data :#5

Date: 2011-11-15

Time: 16:16:54



Site Chamber #1

Phase: *N*

Temperature: 26 (C)

Limit: FCC PART15 Conduction(QP)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: speaker

M/N: MF240BT

Mode: AUX IN

Note:

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.3297	45.91	0.00	45.91	59.46	-13.55	QP	
2 *	0.3297	39.19	0.00	39.19	49.46	-10.27	AVG	
3	0.1655	48.48	0.00	48.48	65.18	-16.70	QP	
4	0.1655	39.29	0.00	39.29	55.18	-15.89	AVG	
5	1.7203	29.62	0.00	29.62	56.00	-26.38	QP	
6	1.7203	24.43	0.00	24.43	46.00	-21.57	AVG	
7	9.2577	30.65	0.00	30.65	60.00	-29.35	QP	
8	9.2577	21.13	0.00	21.13	50.00	-28.87	AVG	
9	24.0547	40.42	0.00	40.42	60.00	-19.58	QP	
10	24.0547	36.69	0.00	36.69	50.00	-13.31	AVG	
11	25.2305	33.33	0.00	33.33	60.00	-26.67	QP	
12	25.2305	31.11	0.00	31.11	50.00	-18.89	AVG	

*:Maximum data x:Over limit !:over margin

File :MF240BT\Data :#5

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Engineer Signature:

TEL:
FAX:

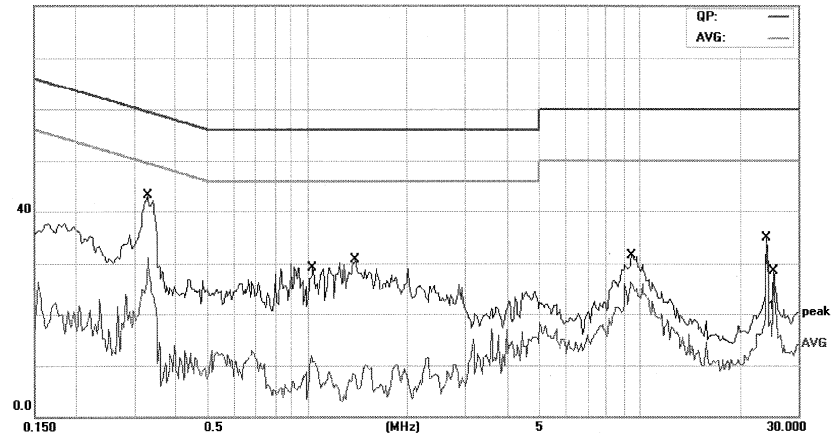
Conducted Emission Measurement

File :MF240BT
80.0 dBuV

Data :#3

Date: 2011-11-15

Time: 16:08:56



Site Chamber #1

Phase: L1

Temperature: 26 (C)

Limit: FCC PART15 Conduction(QP)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: speaker

M/N: MF240BT

Mode: FM

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3297	31.71	0.00	31.71	59.46	-27.75	QP	
2		0.3297	30.79	0.00	30.79	49.46	-18.67	AVG	
3		1.0406	21.08	0.00	21.08	56.00	-34.92	QP	
4		1.0406	18.84	0.00	18.84	46.00	-27.16	AVG	
5		1.4000	20.57	0.00	20.57	56.00	-35.43	QP	
6		1.4000	17.47	0.00	17.47	46.00	-28.53	AVG	
7		9.4805	28.81	0.00	28.81	60.00	-31.19	QP	
8		9.4805	15.10	0.00	15.10	50.00	-34.90	AVG	
9		24.0547	40.22	0.00	40.22	60.00	-19.78	QP	
10	*	24.0547	39.56	0.00	39.56	50.00	-10.44	AVG	
11		25.2266	28.19	0.00	28.19	60.00	-31.81	QP	
12		25.2266	25.91	0.00	25.91	50.00	-24.09	AVG	

*:Maximum data x:Over limit !:over margin

File :MF240BTData :#3

Page: 1

Engineer Signature:

TEL:
FAX:

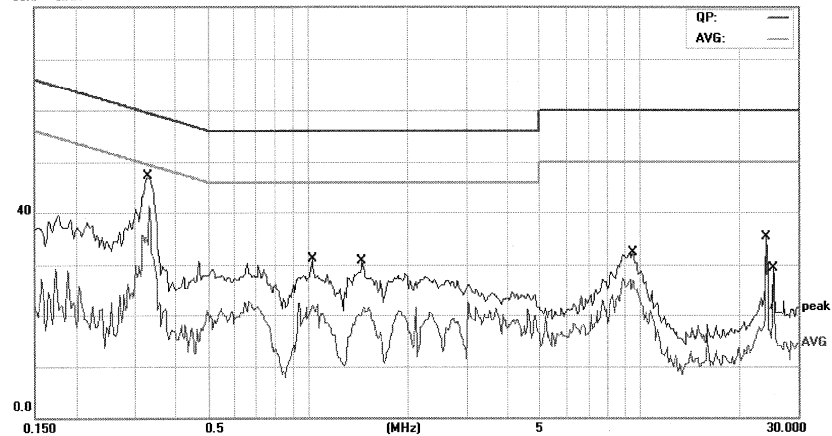
Conducted Emission Measurement

File :MF240BT
80.0 dBuV

Data :#4

Date: 2011-11-15

Time: 16:13:15



Site Chamber #1

Phase: **N**

Temperature: 26 (C)

Limit: FCC PART15 Conduction(QP)

Power: AC 120V/60Hz

Humidity: 55 %

EUT: speaker

M/N: MF240BT

Mode: FM

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Over dB	Detector	Comment
1		0.3297	46.23	0.00	46.23	59.46	-13.23	QP	
2	*	0.3297	38.17	0.00	38.17	49.46	-11.29	AVG	
3		1.0328	27.67	0.00	27.67	56.00	-28.33	QP	
4		1.0328	21.72	0.00	21.72	46.00	-24.28	AVG	
5		1.4586	27.10	0.00	27.10	56.00	-28.90	QP	
6		1.4586	21.38	0.00	21.38	46.00	-24.62	AVG	
7		9.5272	29.52	0.00	29.52	60.00	-30.48	QP	
8		9.5272	19.13	0.00	19.13	50.00	-30.87	AVG	
9		24.0547	39.35	0.00	39.35	60.00	-20.65	QP	
10		24.0547	35.67	0.00	35.67	50.00	-14.33	AVG	
11		25.2305	30.24	0.00	30.24	60.00	-29.76	QP	
12		25.2305	28.60	0.00	28.60	50.00	-21.40	AVG	

*:Maximum data x:Over limit !:over margin

File :MF240BT\Data :#4

Page: 1

Engineer Signature:

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : RSS-102 Issue 4
FCC KDB Publication 447498

The maximum peak output power of the transmitter is 1.89mW (2.76dBm) only, which less than 20mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4.

Since maximum peak output power of the transmitter is $<60/f$ (GHz) mW, i.e. $2.59\text{mW} < 25(=60/2.4)$ mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

7. Photographs of the Test Set-Up

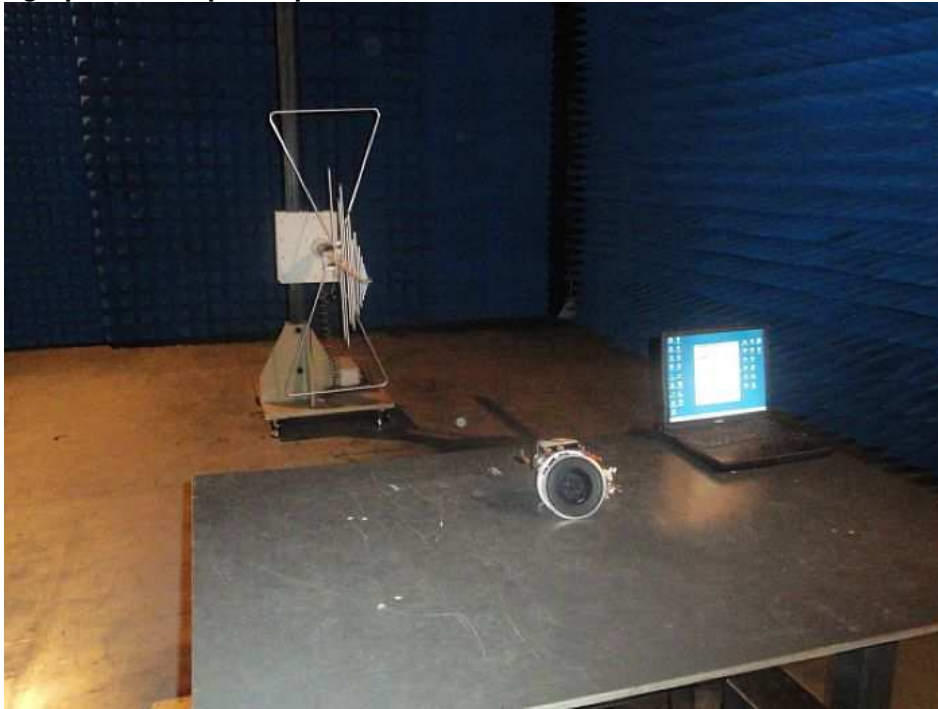
Photograph 1: Set-up for Conducted Emissions



Photograph 2: Set-up for Radiated Emissions



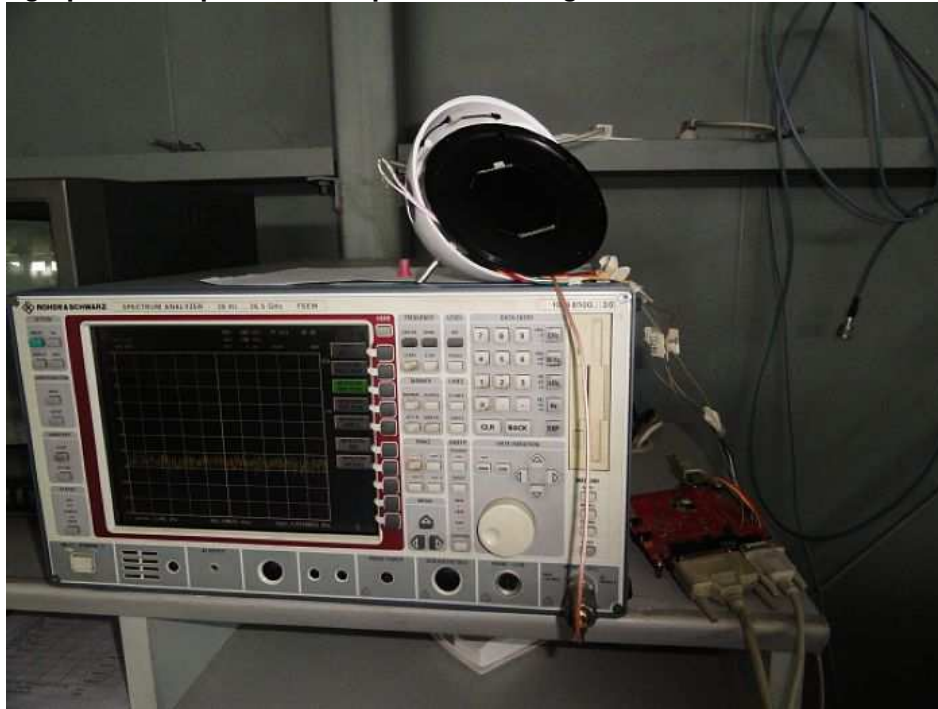
Photograph 3: Set-up for Spurious Emissions below 1GHz



Photograph 4: Set-up for Spurious Emissions above 1GHz



Photograph 5: Setup for Radio Spectrum testing



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9. List of Photographs

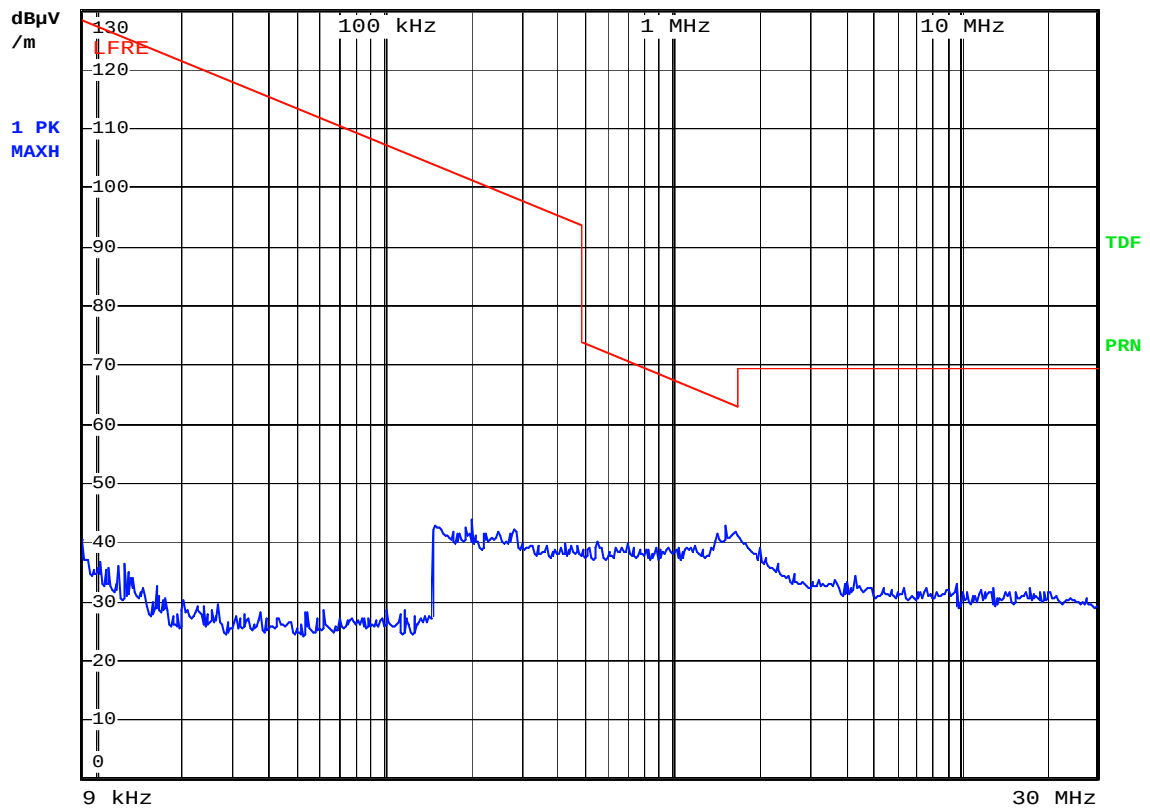
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Photograph 5: Setup for Radio Spectrum testing.....	68

Test plot of Spurious Emissions

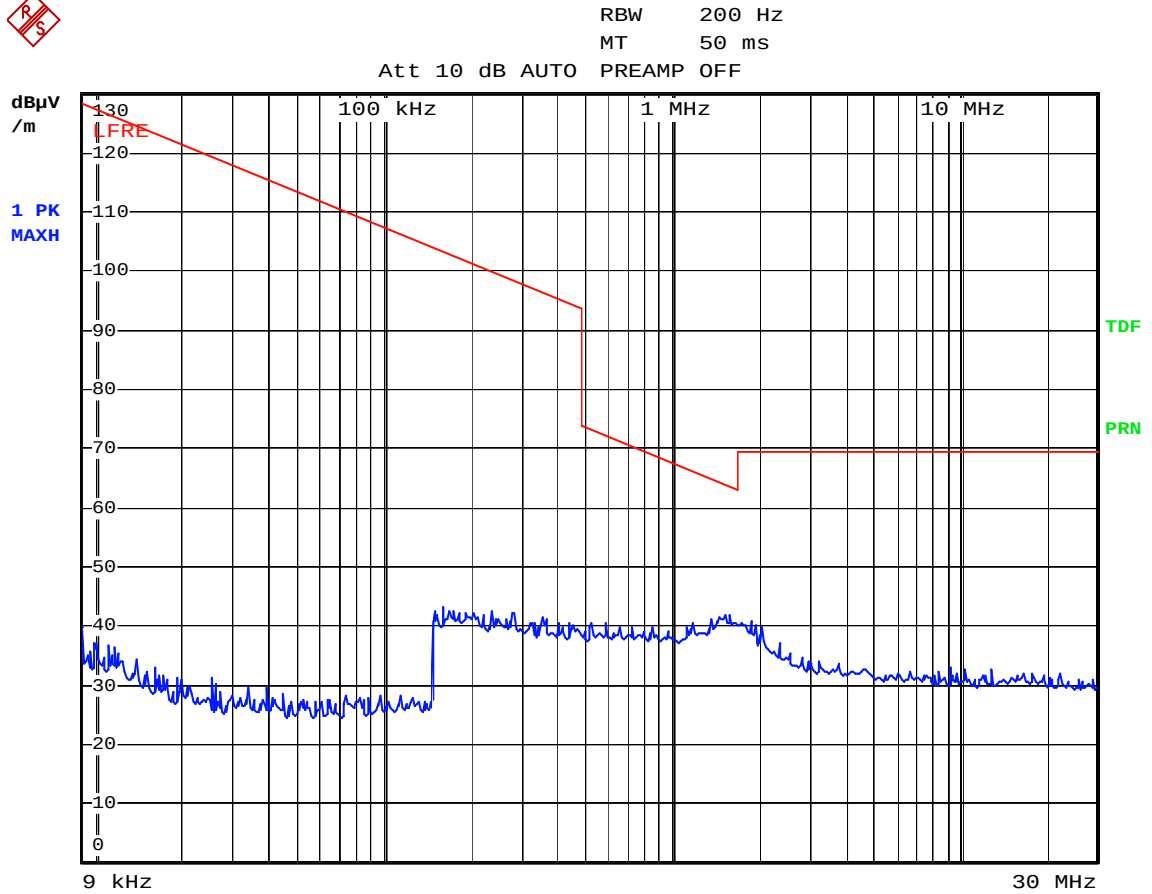


RBW 200 Hz
MT 50 ms

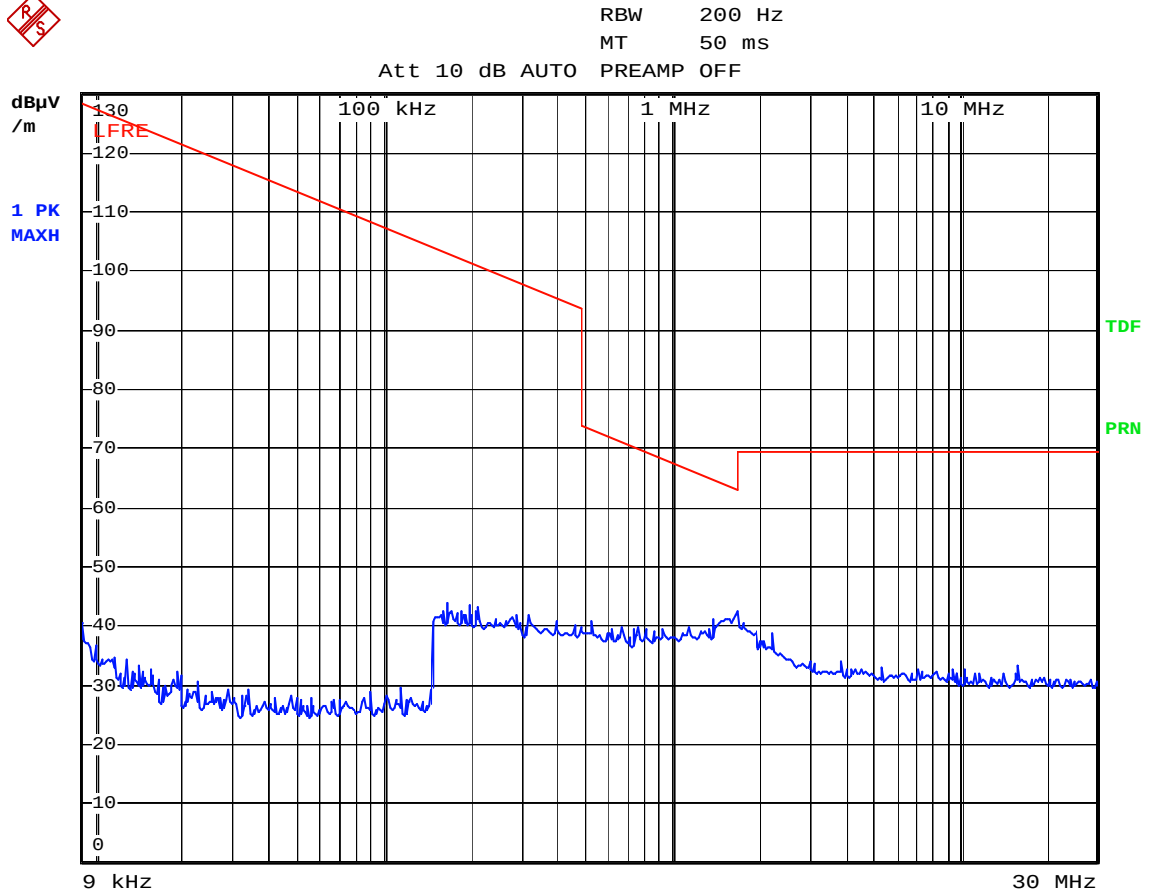
Att 10 dB AUTO PREAMP OFF



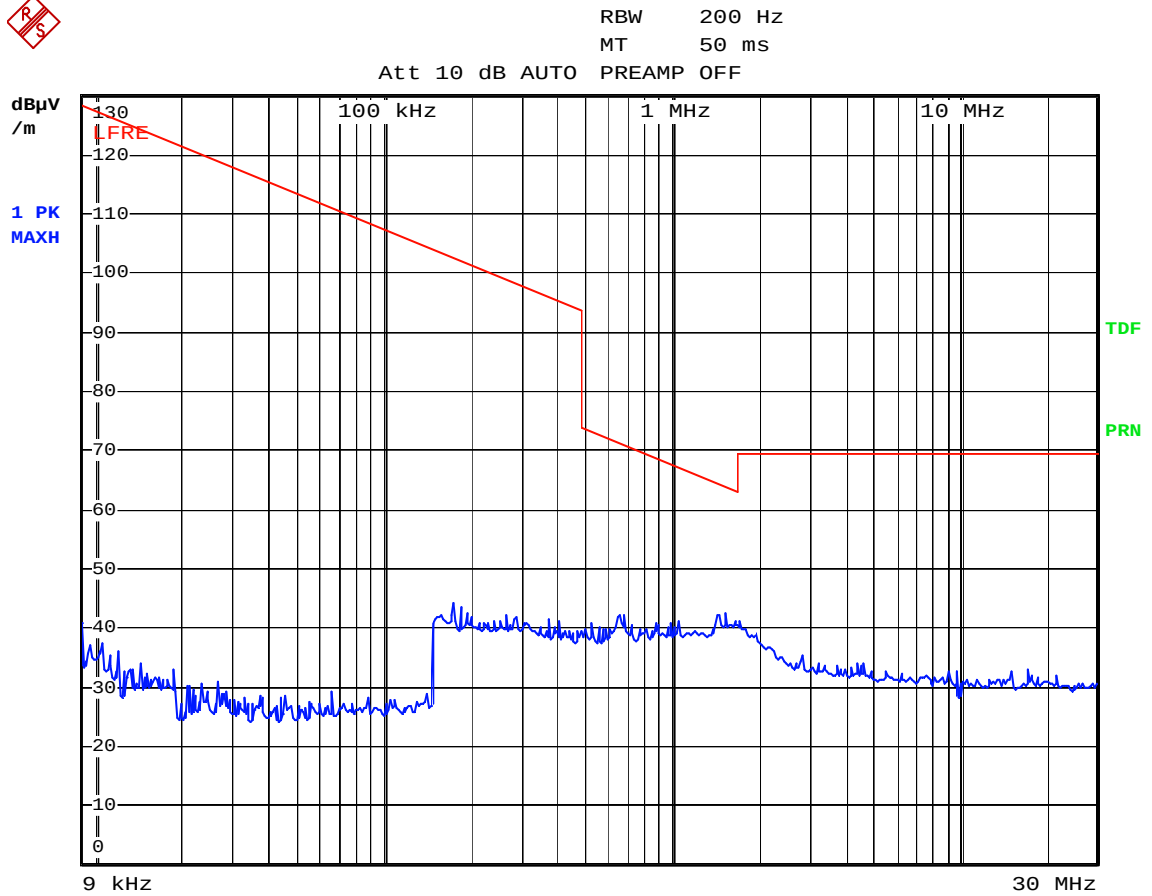
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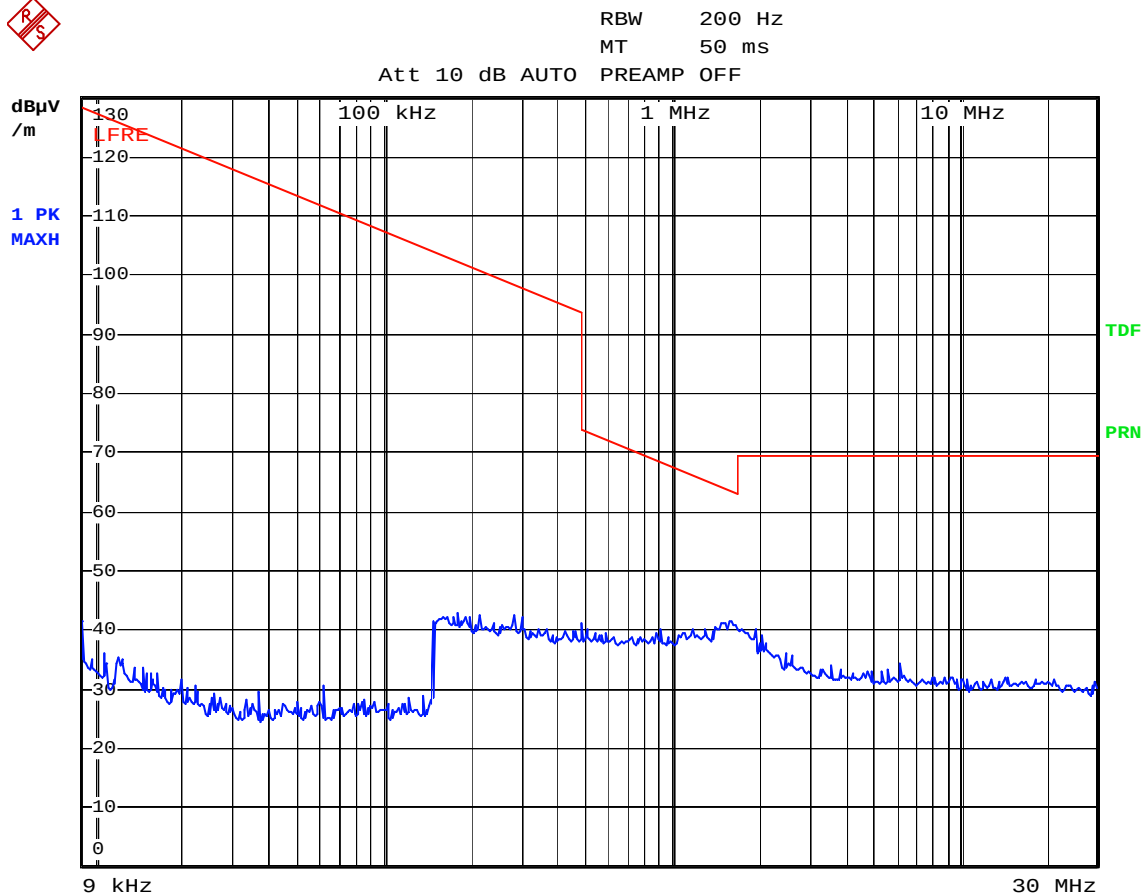
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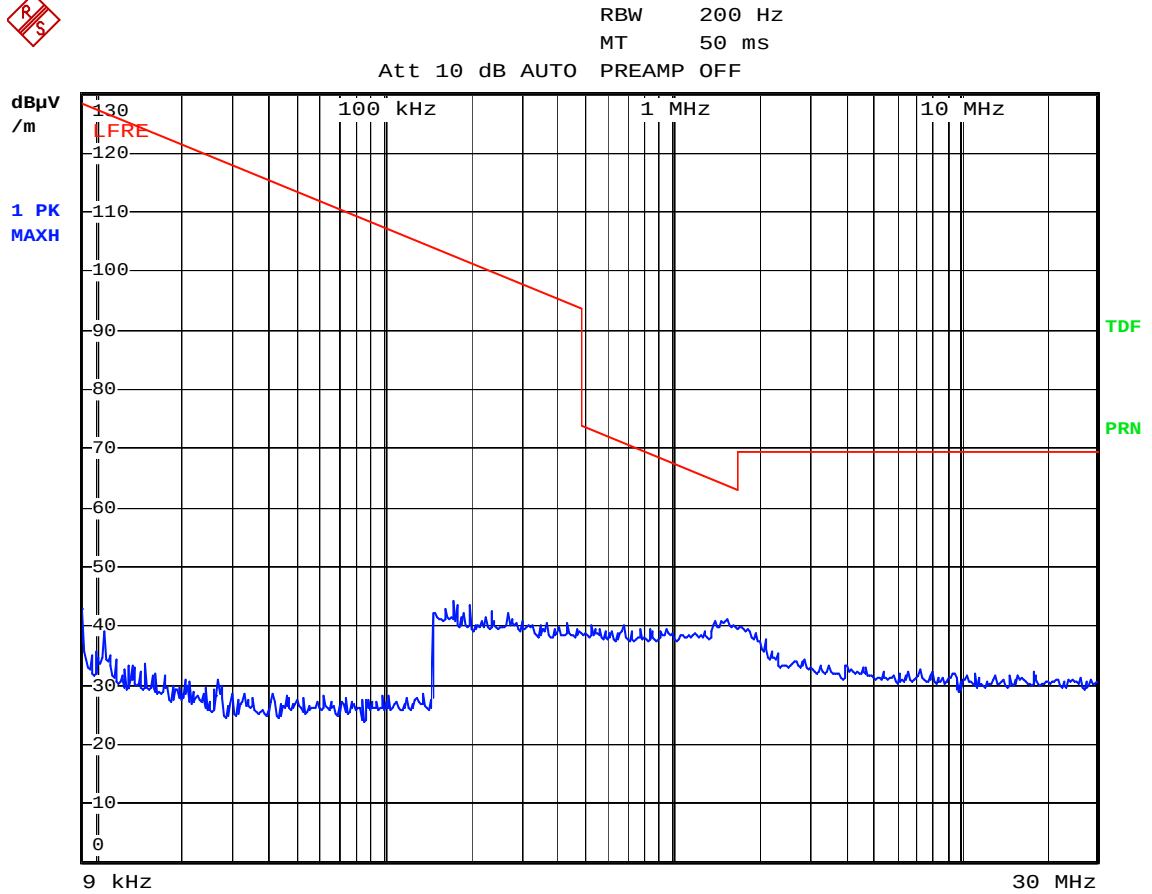
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Date: 25.NOV.2011 02:52:51



Date: 25.NOV.2011 02:54:50



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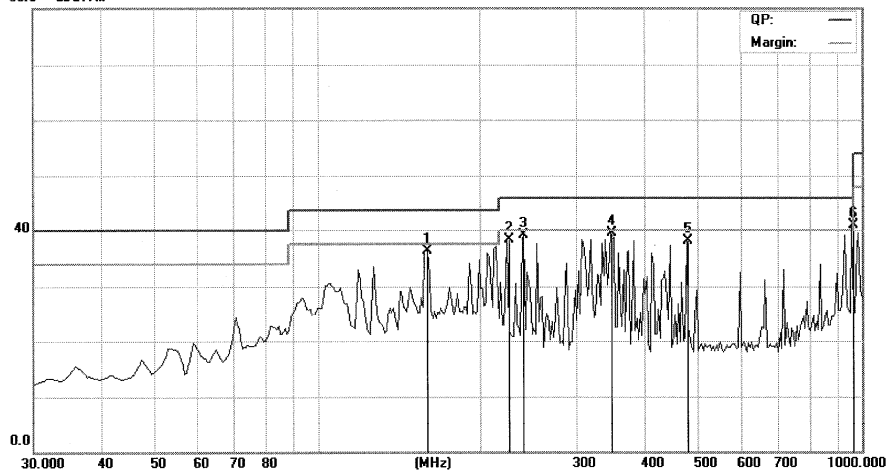
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#1

Date: 2011/11/04

Time: 10:06:42



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: BT TX 2402MHz

Note:

Polarization: **Horizontal**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		158.6400	50.76	-14.47	36.29	43.50	-7.21	peak		0
2		224.3888	48.74	-10.41	38.33	46.00	-7.67	peak		0
3		240.1442	48.85	-9.80	39.05	46.00	-6.95	peak		0
4	*	346.8536	46.20	-6.63	39.57	46.00	-6.43	peak		0
5		480.9820	41.87	-3.67	38.20	46.00	-7.80	peak		0
6		961.1222	36.72	4.24	40.96	54.00	-13.04	peak		0

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#1

Page: 1



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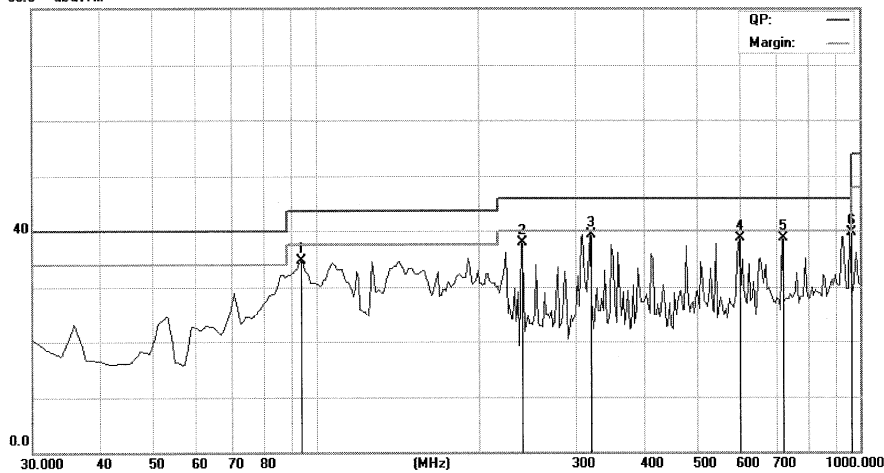
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#2

Date: 2011/11/04

Time: 10:08:16



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT TX 2402MHz
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		94.1483	46.20	-11.47	34.73	43.50	-8.77	peak		0
2		239.9396	47.65	-9.80	37.85	46.00	-8.15	peak		0
3	*	319.6392	47.23	-7.97	39.26	46.00	-6.74	peak		0
4		599.5590	39.41	-0.61	38.80	46.00	-7.20	peak		0
5		720.0801	37.62	1.00	38.62	46.00	-7.38	peak		0
6		961.1222	35.44	4.24	39.68	54.00	-14.32	peak		0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#2

Page: 1



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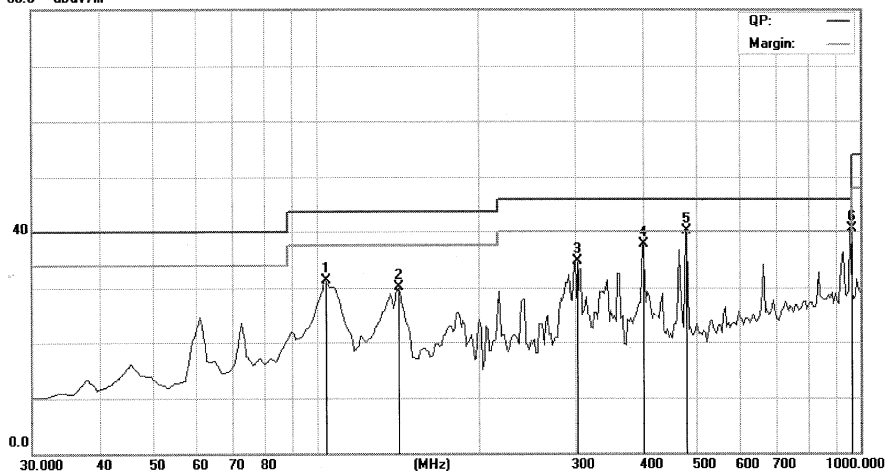
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#24

Date: 2011-11-22

Time: 11:24:21



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT TX 2441
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		103.8677	42.84	-11.46	31.38	43.50	-12.12	peak		0
2		140.8015	45.46	-15.29	30.17	43.50	-13.33	peak		0
3		302.1443	42.88	-8.25	34.63	46.00	-11.37	peak		0
4		399.3387	42.95	-5.34	37.61	46.00	-8.39	peak		0
5	*	480.9820	43.82	-3.67	40.15	46.00	-5.85	peak		0
6		963.0661	36.16	4.29	40.45	54.00	-13.55	peak		0

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#24

Page: 1



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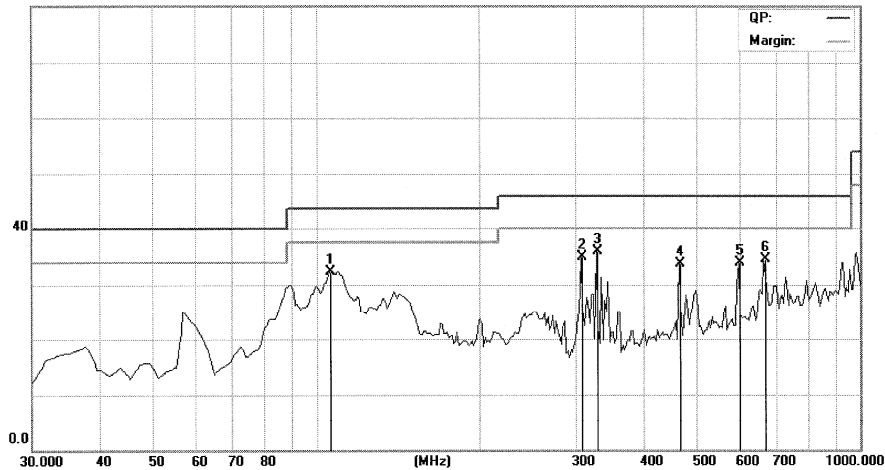
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data #23

Date: 2011-11-22

Time: 11:21:10



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT TX 2441
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		105.8116	43.93	-11.62	32.31	43.50	-11.19	peak		0
2		307.9760	42.93	-8.09	34.84	46.00	-11.16	peak		0
3	*	329.3587	43.29	-7.42	35.87	46.00	-10.13	peak		0
4		465.4310	37.89	-4.15	33.74	46.00	-12.26	peak		0
5		599.5591	34.60	-0.61	33.99	46.00	-12.01	peak		0
6		665.6513	34.39	0.21	34.60	46.00	-11.40	peak		0

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT>Data :#23

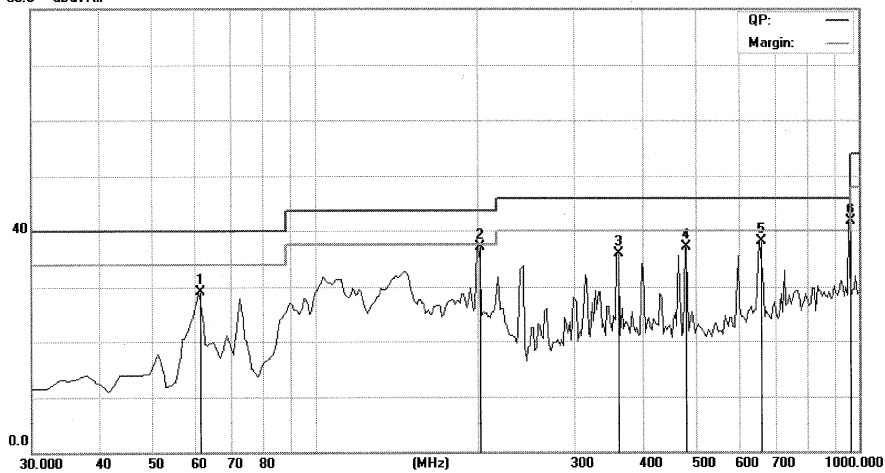
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Radiated Emission Measurement

File :MF240BT Data #25 Date: 2011-11-22 Time: 11:26:13
80.0 dBuV/m



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT TX 2480
Note:

Polarization: **Horizontal** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector cm	degree	Comment
1		61.1022	41.76	-12.58	29.18	40.00	-10.82	peak	0	
2	*	201.0621	49.31	-12.30	37.01	43.50	-6.49	peak	0	
3		360.4610	42.12	-6.19	35.93	46.00	-10.07	peak	0	
4		480.9820	40.76	-3.67	37.09	46.00	-8.91	peak	0	
5		659.8196	38.10	0.01	38.11	46.00	-7.89	peak	0	
6		963.0661	37.42	4.29	41.71	54.00	-12.29	peak	0	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#25

Page: 1



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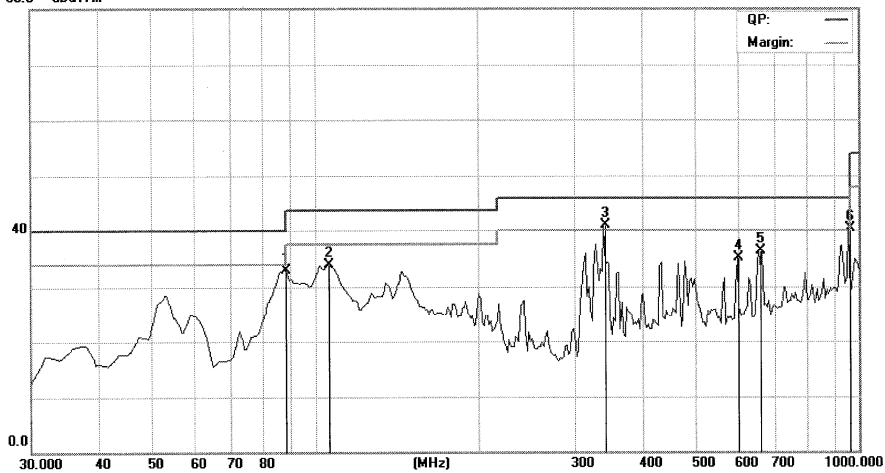
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#26

Date: 2011-11-22

Time: 11:28:39



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT TX 2480
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		88.3164	46.02	-13.05	32.97	43.50	-10.53	peak		0
2		105.8115	45.55	-11.62	33.93	43.50	-9.57	peak		0
3	*	341.0220	47.70	-6.82	40.88	46.00	-5.12	peak		0
4		599.5590	35.71	-0.61	35.10	46.00	-10.90	peak		0
5		659.8196	36.37	0.01	36.38	46.00	-9.62	peak		0
6		963.0661	36.11	4.29	40.40	54.00	-13.60	peak		0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#26

Page: 1



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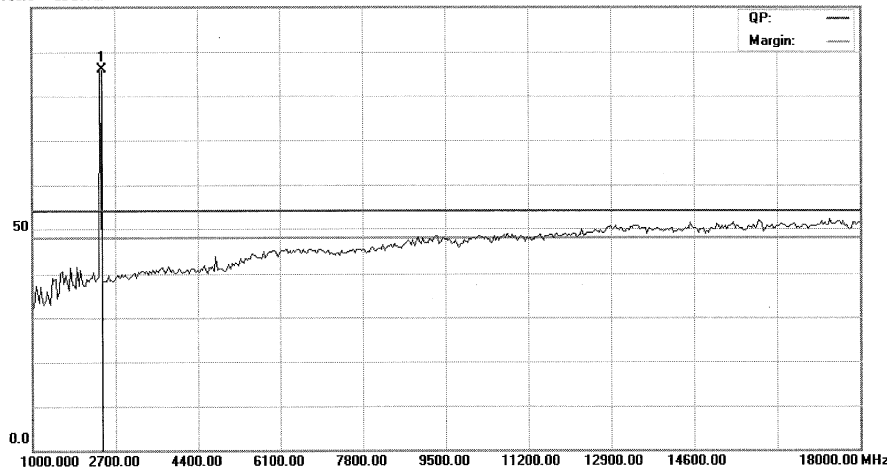
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#4

Date: 2011-11-4

Time: 10:25:04



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2402MHz
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2396.794	92.99	-6.76	86.23	54.00	32.23	peak		0

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BT\Data :#4

Page: 1



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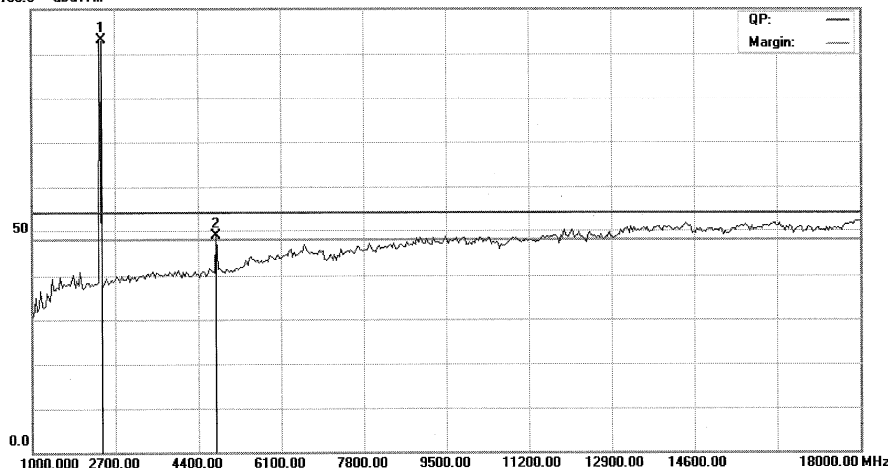
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#3

Date: 2011-11-4

Time: 10:21:50



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2402MHz
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2396.794	99.87	-6.76	93.11	54.00	39.11	peak	0	
2	!	4781.563	48.75	0.20	48.95	54.00	-5.05	peak	0	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BT\Data :#3

Page: 1



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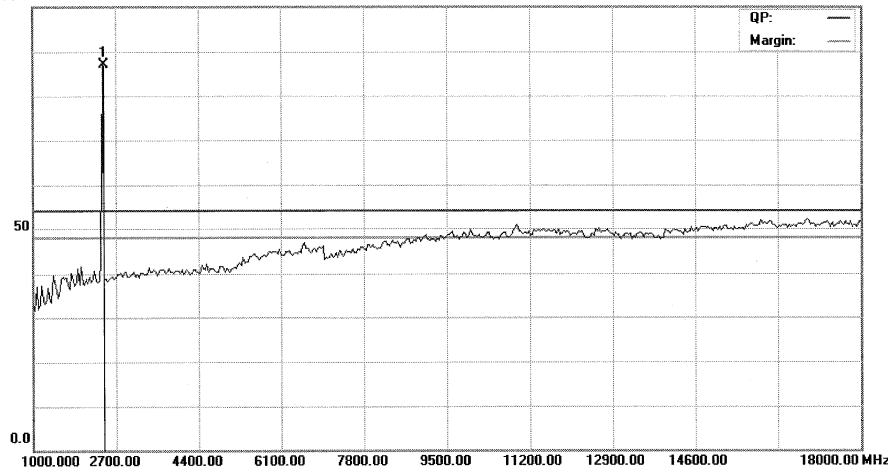
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#5

Date: 2011-11-4

Time: 10:28:39



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2441MHz
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2430.862	93.81	-6.67	87.14	54.00	33.14	peak		0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BTData :#5

Page: 1



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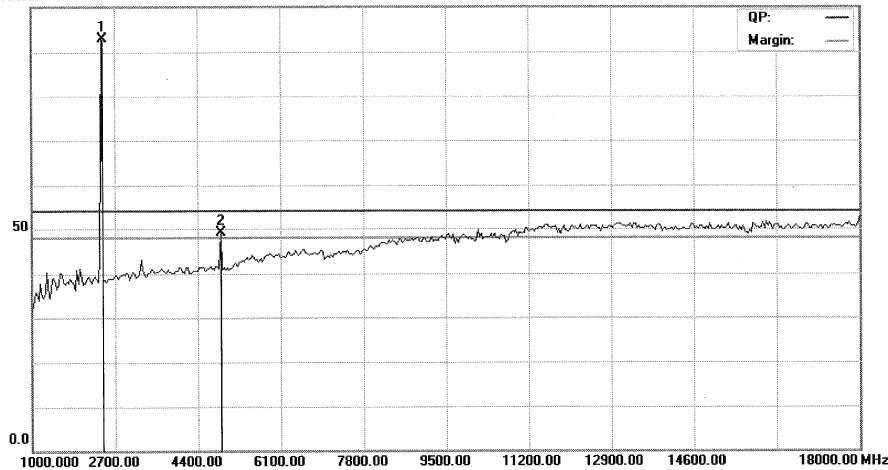
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#6

Date: 2011-11-4

Time: 10:30:00



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2441MHz
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2430.862	99.56	-6.67	92.89	54.00	38.89	peak		0
2	!	4883.767	48.81	0.39	49.20	54.00	-4.80	peak		0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BT\Data :#6

Page: 1



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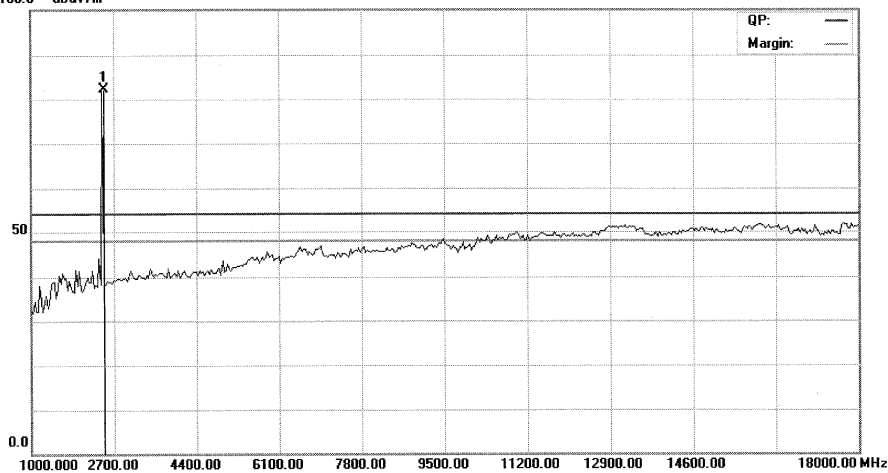
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#8

Date: 2011-11-4

Time: 10:33:19



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2480MHz
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	2464.930	88.89	-6.57	82.32	54.00	28.32	peak		0

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BTData :#8

Page: 1



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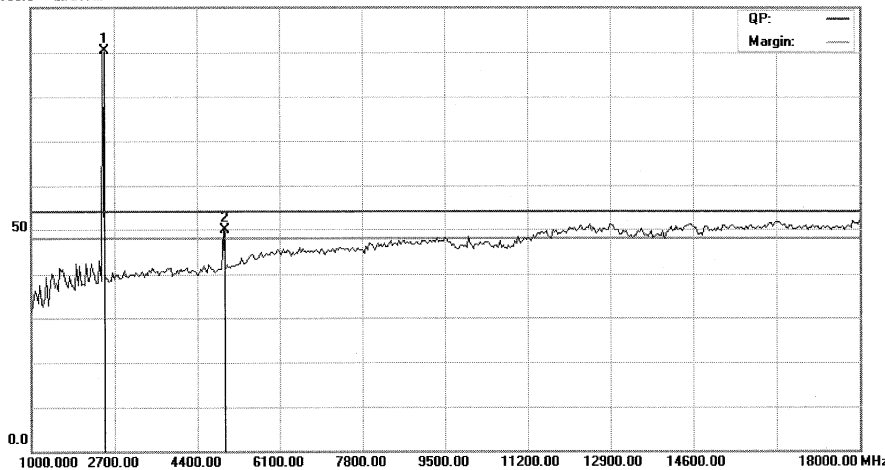
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#7

Date: 2011-11-4

Time: 10:32:05



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT TX 2480MHz
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1	*	2464.930	97.05	-6.57	90.48	54.00	36.48	peak	0	
2	!	4951.904	49.29	0.52	49.81	54.00	-4.19	peak	0	

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BT\Data :#7

Page: 1



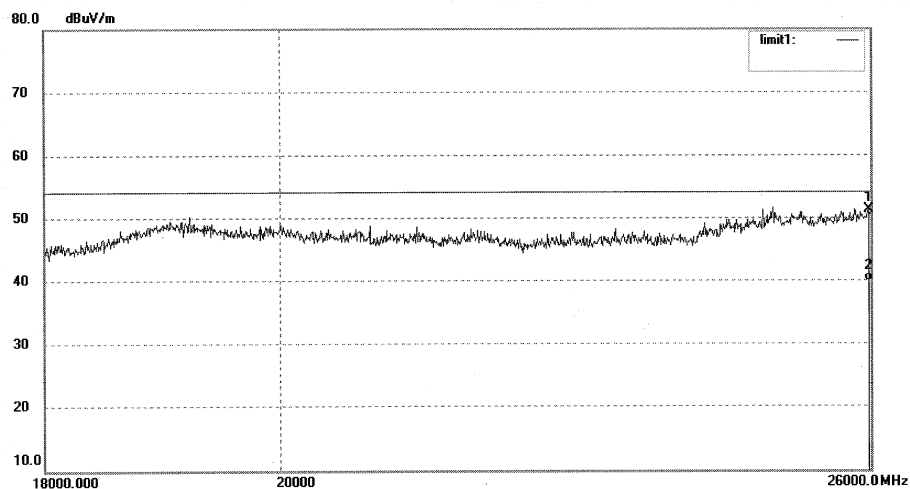
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6787	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0/32/15
EUT:	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25980.847	31.71	19.48	51.19	74.00	-22.81	peak			
2	25980.847	20.38	19.48	39.86	54.00	-14.14	AVG			

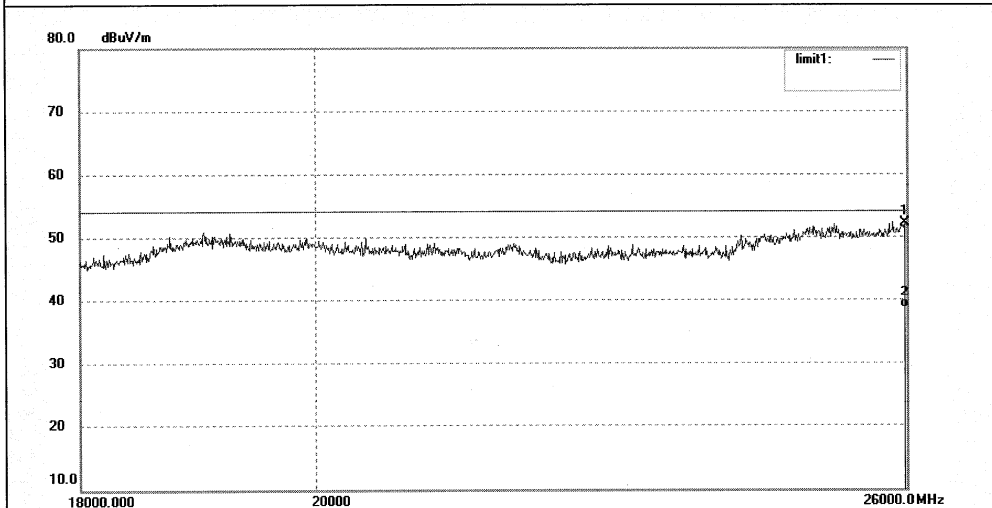


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6786	Polarization: Vertical
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0/24/09
EUT:	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25980.847	32.55	19.48	52.03	74.00	-21.97	peak			
2	25980.847	19.08	19.48	38.56	54.00	-15.44	AVG			



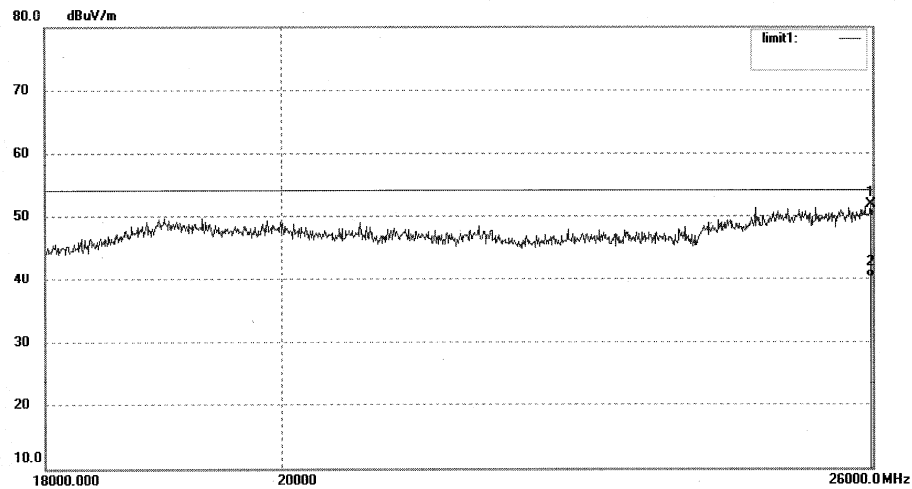
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6788	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0/39/41
EUT:	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25980.847	32.28	19.48	51.76	74.00	-22.24	peak			
2	25980.847	20.75	19.48	40.23	54.00	-13.77	AVG			

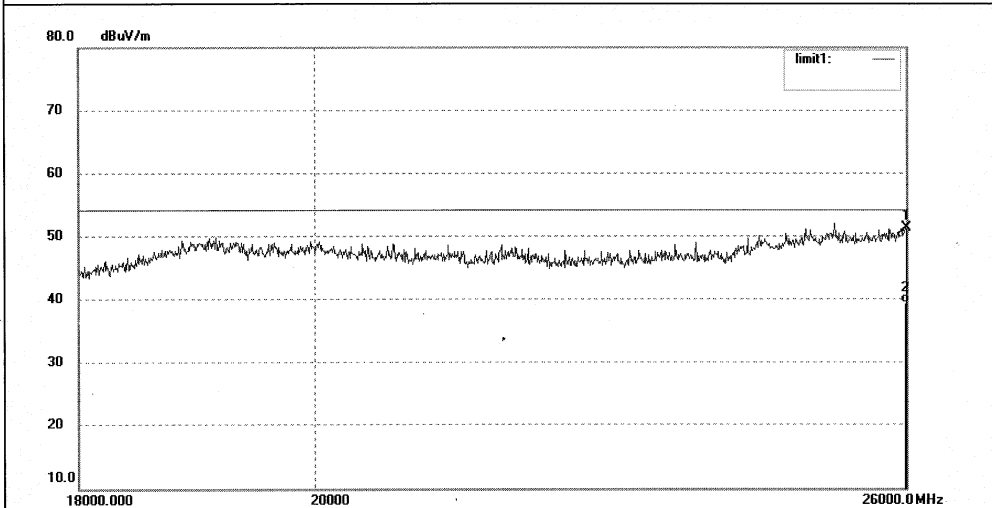


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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6789	Polarization: Vertical
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0/47/58
EUT:	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25990.422	31.65	19.49	51.14	74.00	-22.86	peak			
2	25990.422	19.85	19.49	39.34	54.00	-14.66	AVG			



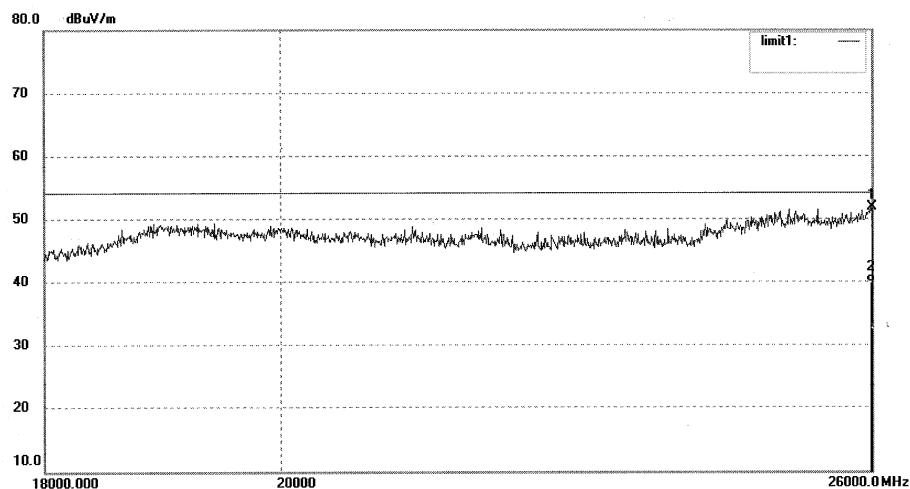
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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel: +86-0755-26503290
Fax: +86-0755-26503396

Job No.: pei #6791	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/01/50
EUT:	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25990.422	32.24	19.49	51.73	74.00	-22.27	peak			
2	25990.422	20.28	19.49	39.77	54.00	-14.23	AVG			

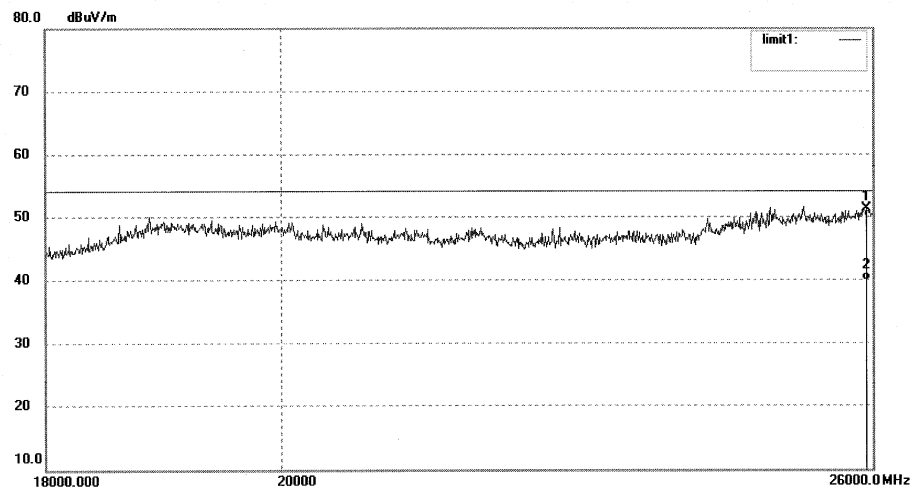


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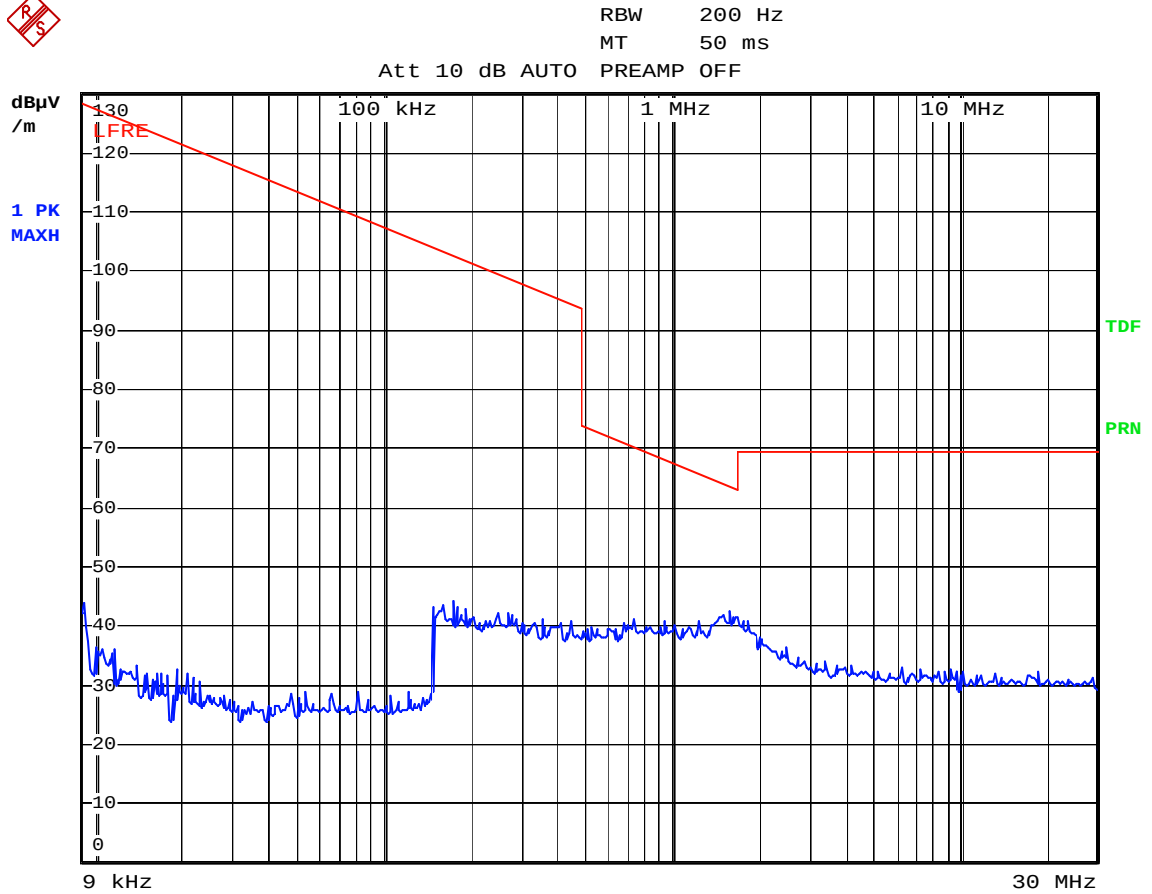
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6790	Polarization: Vertical
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0/54/07
EUT:	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

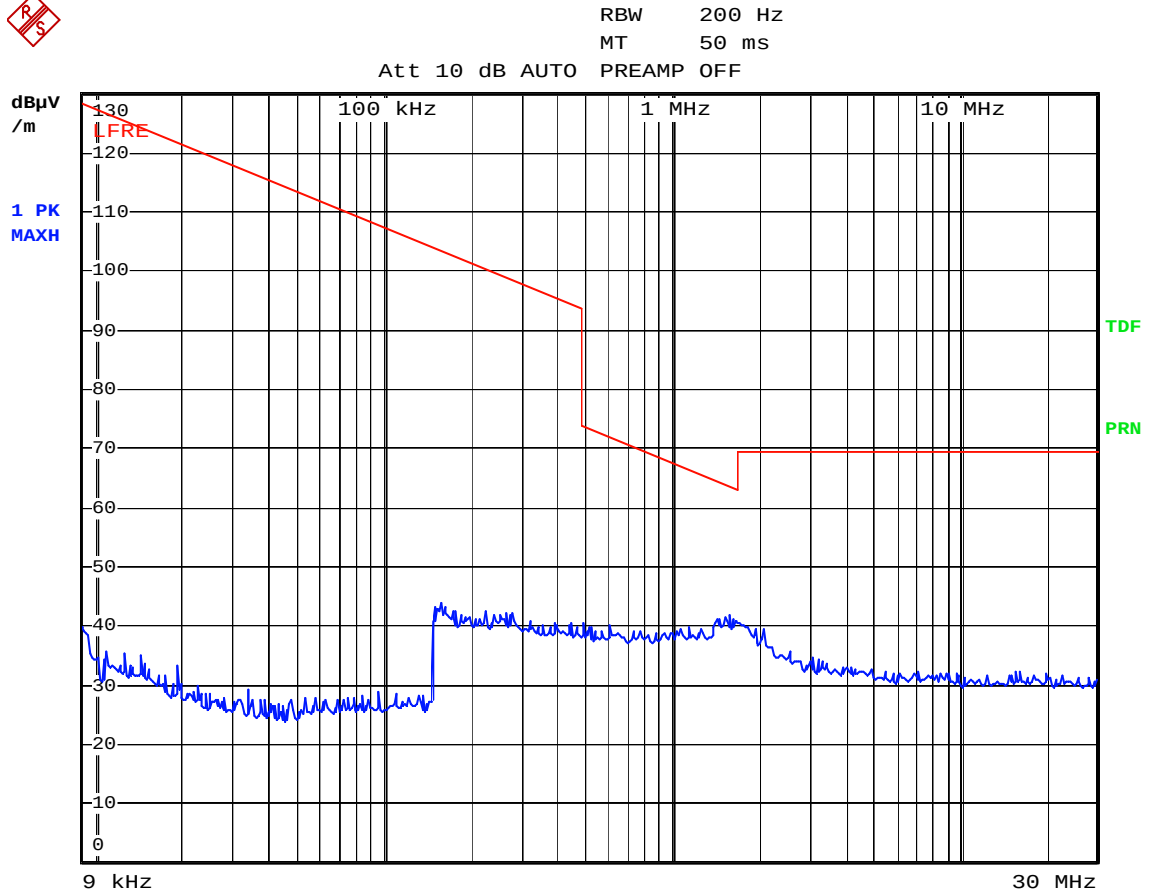
Note:



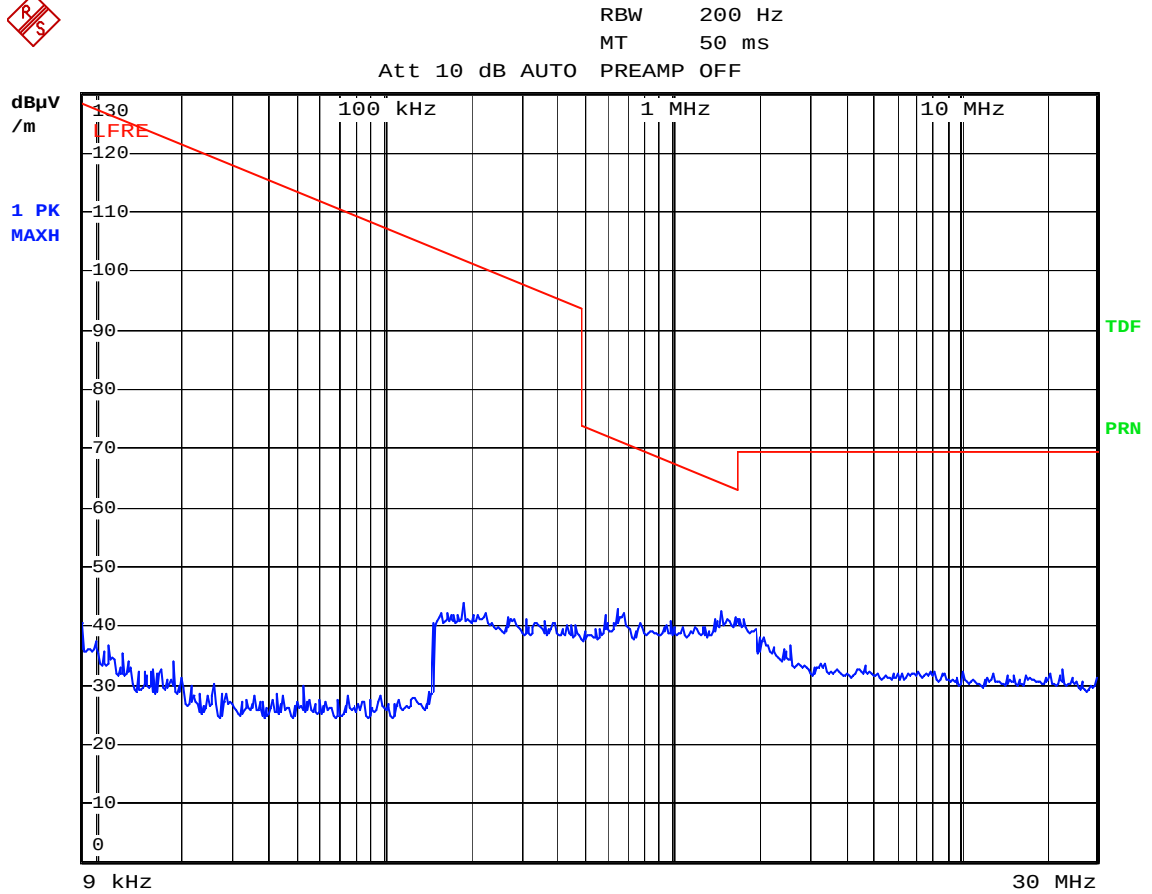
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1	25933.026	31.73	19.46	51.19	74.00	-22.81	peak			
2	25933.026	20.44	19.46	39.90	54.00	-14.10	AVG			



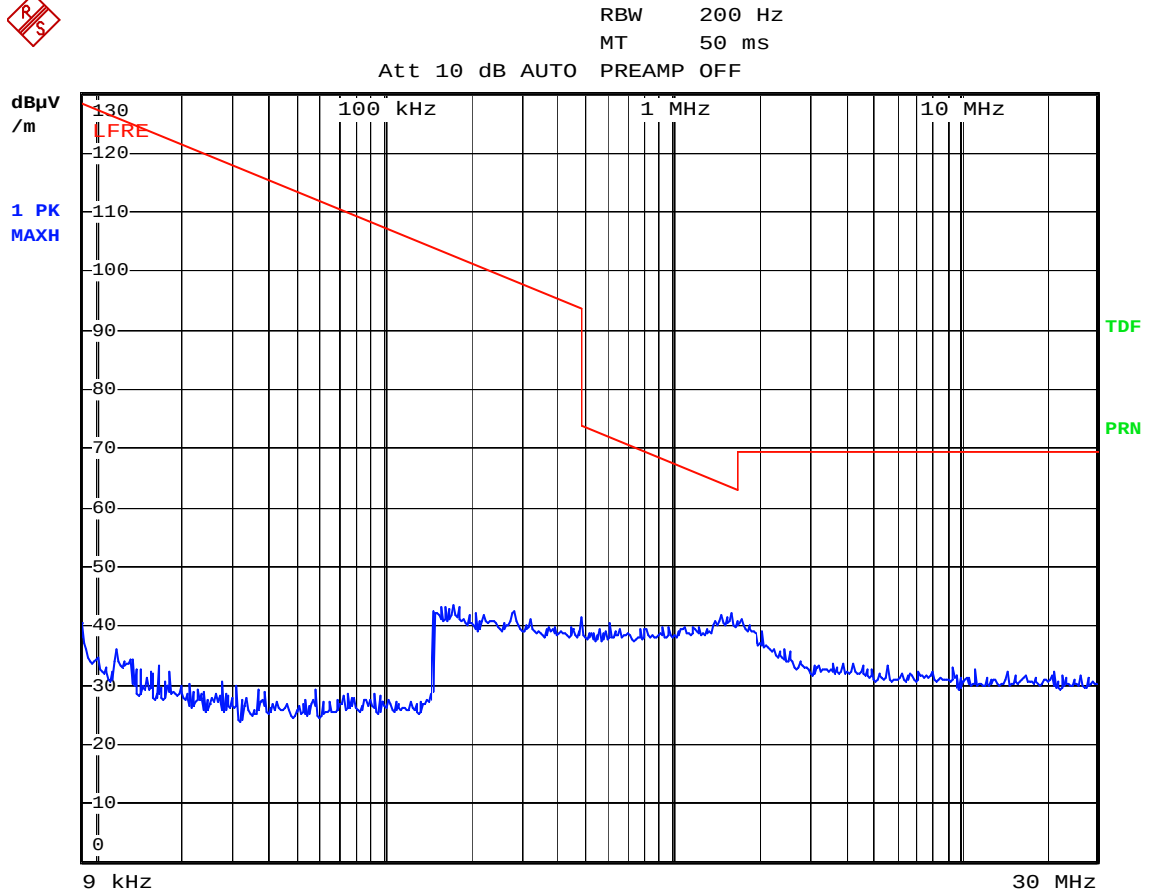
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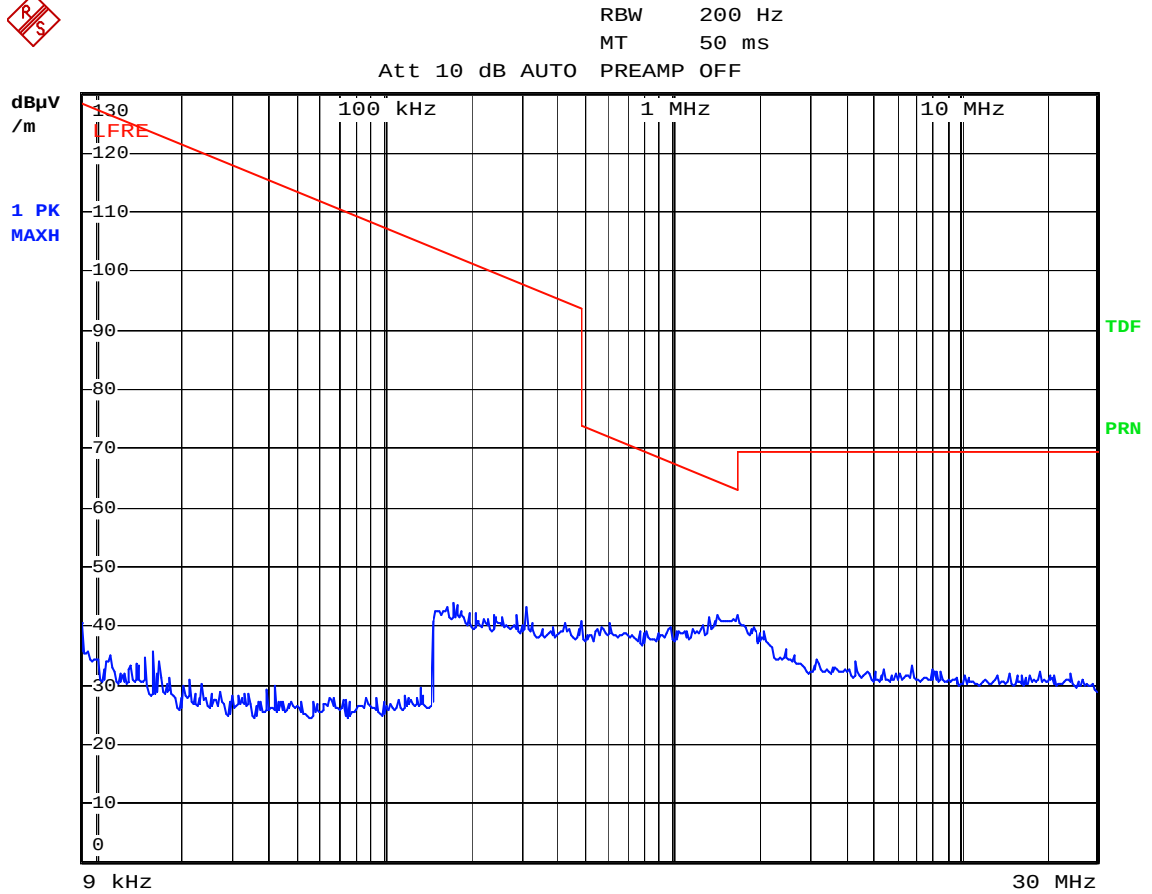
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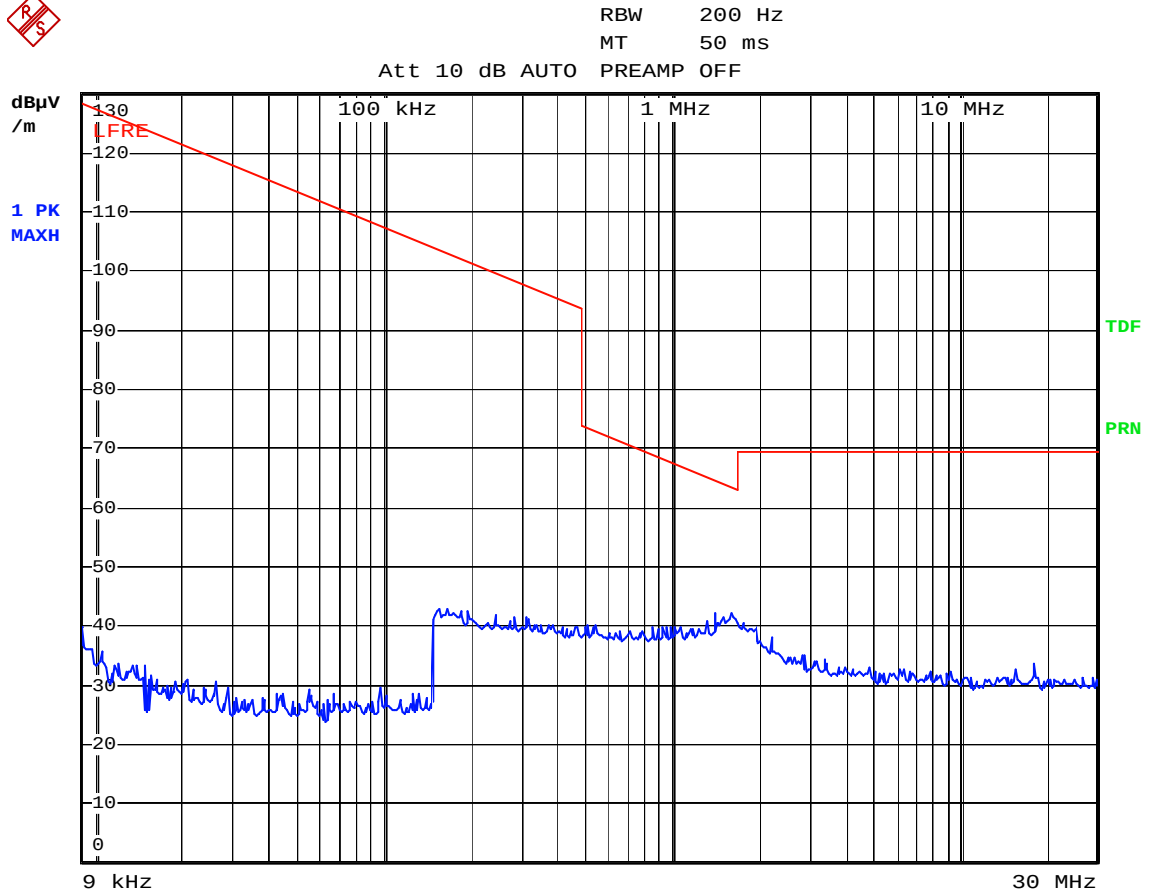
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Date: 25.NOV.2011 03:05:16



Date: 25.NOV.2011 03:08:25



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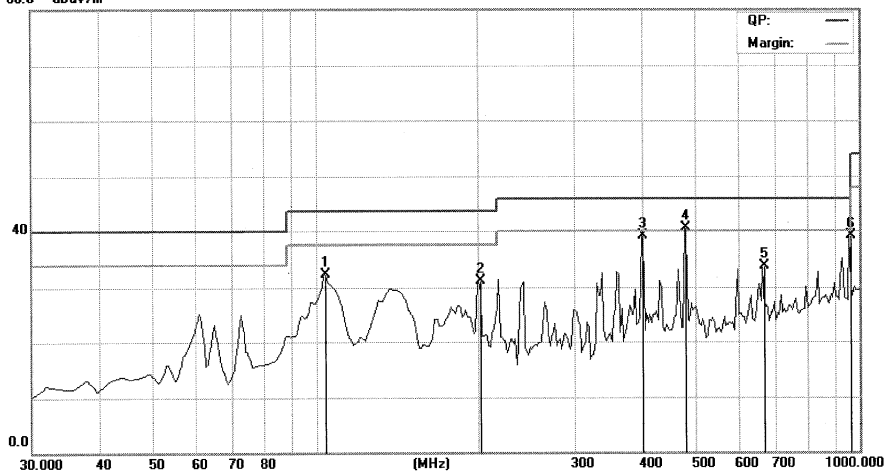
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#28

Date: 2011-11-22

Time: 11:32:22



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT RX 2402
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		103.8677	43.72	-11.46	32.26	43.50	-11.24	peak		0
2		201.0621	43.37	-12.30	31.07	43.50	-12.43	peak		0
3		399.3387	44.41	-5.34	39.07	46.00	-6.93	peak		0
4	*	480.9820	44.22	-3.67	40.55	46.00	-5.45	peak		0
5		665.6513	33.57	0.21	33.78	46.00	-12.22	peak		0
6		963.0661	34.85	4.29	39.14	54.00	-14.86	peak		0

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#28

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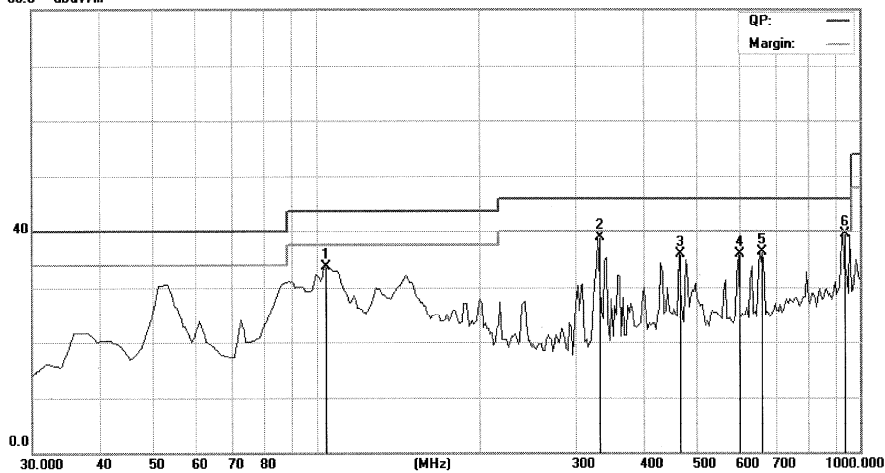
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#27

Date: 2011-11-22

Time: 11:30:37



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: BT RX 2402

Note:

Polarization: **Vertical**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Height	Degree	Comment
1		103.8676	45.11	-11.46	33.65	43.50	-9.85	peak	0	
2		331.3025	46.32	-7.32	39.00	46.00	-7.00	peak	0	
3		465.4310	40.06	-4.15	35.91	46.00	-10.09	peak	0	
4		601.5030	36.52	-0.56	35.96	46.00	-10.04	peak	0	
5		657.8758	36.29	0.01	36.30	46.00	-9.70	peak	0	
6	*	933.9077	34.80	4.61	39.41	46.00	-6.59	peak	0	

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BT\Data :#27

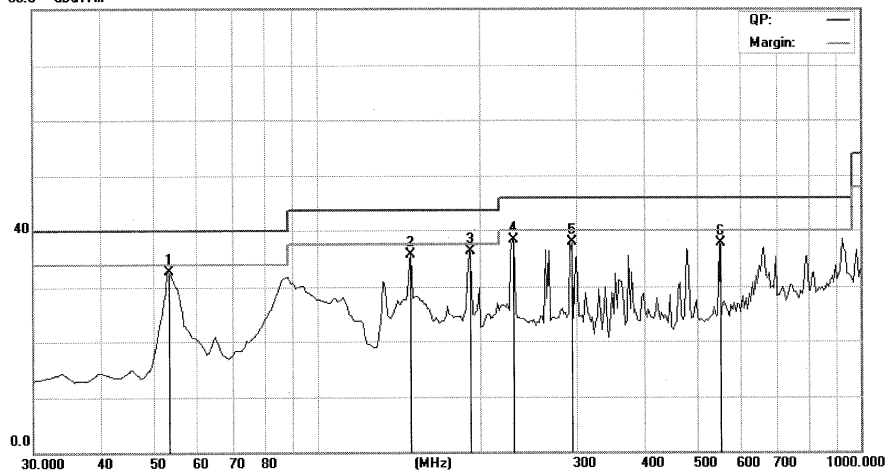
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Radiated Emission Measurement

File :MF240BT Data :#12 Date: 2011/11/04 Time: 11:52:00
80.0 dBuV/m



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT RX 2441
Note:

Polarization: **Horizontal** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Height	Degree	Comment
1		53.3267	44.46	-11.83	32.63	40.00	-7.37	peak	0	
2		148.9175	50.85	-15.09	35.76	43.50	-7.74	peak	0	
3	*	191.3427	48.42	-12.18	36.24	43.50	-7.26	peak	0	
4		230.2204	48.62	-10.33	38.29	46.00	-7.71	peak	0	
5		292.4248	46.19	-8.38	37.81	46.00	-8.19	peak	0	
6		552.9058	39.95	-2.24	37.71	46.00	-8.29	peak	0	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#12

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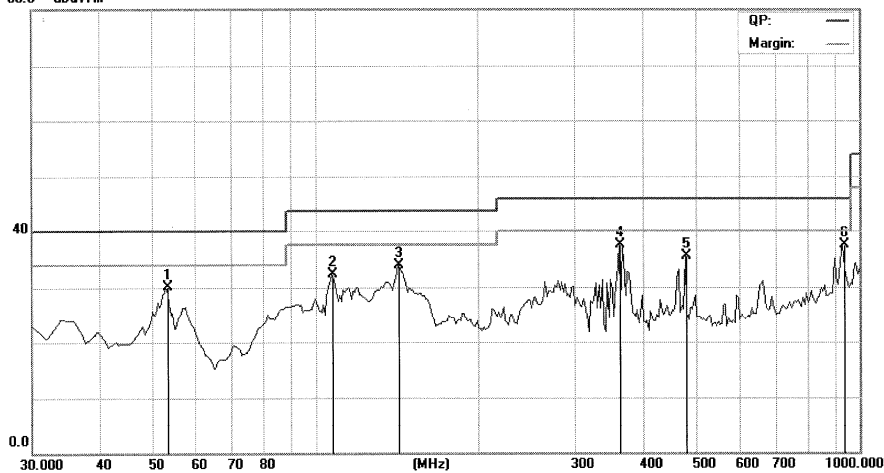
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#11

Date: 2011/11/04

Time: 11:50:33



Site site #1

Limit: FCC Class B 3M Radiation

EUT: speaker

M/N: MF240BT

Mode: BT RX 2441

Note:

Polarization: **Vertical**

Temperature: 26

Power: AC 120V/60Hz

Humidity: 56 %

Distance: 3m

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	dBuV	Factor	ment			Height	Degree	Comment
				dB	dBuV/m	dBuV/m	dB	cm	degree	
1		53.3267	41.99	-11.83	30.16	40.00	-9.84	peak	0	
2		107.7554	44.03	-11.80	32.23	43.50	-11.27	peak	0	
3		142.7692	49.23	-15.23	34.00	43.50	-9.50	peak	0	
4	*	362.4048	43.74	-6.15	37.59	46.00	-8.41	peak	0	
5		480.9820	39.16	-3.67	35.49	46.00	-10.51	peak	0	
6		933.9077	32.97	4.61	37.58	46.00	-8.42	peak	0	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#11

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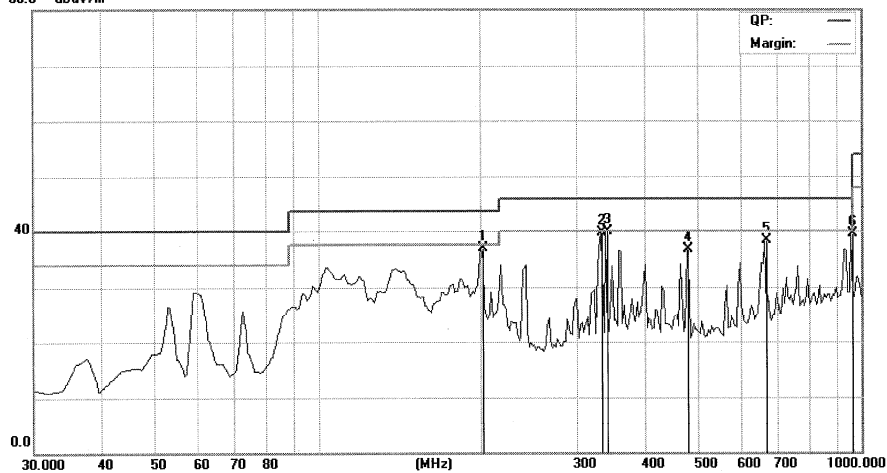
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#29

Date: 2011-11-22

Time: 11:33:52



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT RX 2480
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		201.0621	49.14	-12.30	36.84	43.50	-6.66	peak	0	
2		333.2465	46.92	-7.22	39.70	46.00	-6.30	peak	0	
3	*	341.0220	46.76	-6.82	39.94	46.00	-6.06	peak	0	
4		480.9820	40.42	-3.67	36.75	46.00	-9.25	peak	0	
5		665.6513	38.19	0.21	38.40	46.00	-7.60	peak	0	
6		963.0661	35.27	4.29	39.56	54.00	-14.44	peak	0	

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#29

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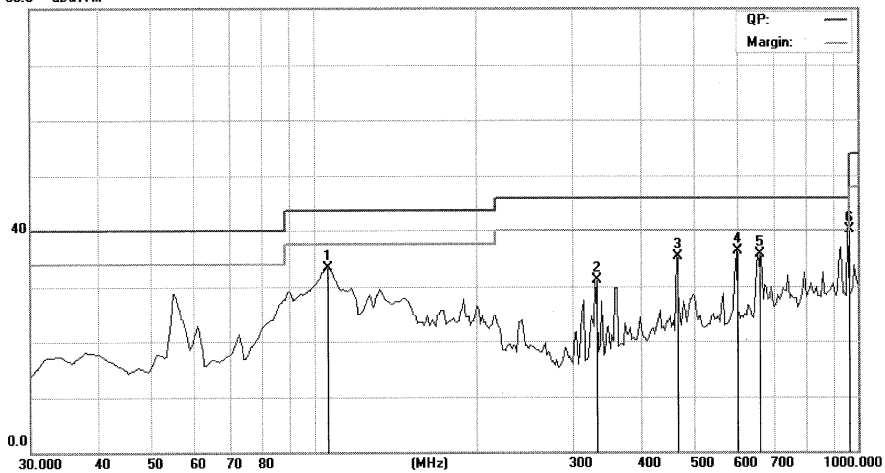
Radiated Emission Measurement

File :MF240BT
80.0 dBuV/m

Data :#30

Date: 2011-11-22

Time: 11:35:44



Site site #1
Limit: FCC Class B 3M Radiation
EUT: speaker
M/N: MF240BT
Mode: BT RX 2480
Note:

Polarization: **Vertical**
Power: AC 120V/60Hz
Distance: 3m

Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Over	Antenna	Table	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Height	Degree	Comment
1		105.8116	44.96	-11.62	33.34	43.50	-10.16	peak	0	
2		331.3026	38.52	-7.32	31.20	46.00	-14.80	peak	0	
3		465.4310	39.39	-4.15	35.24	46.00	-10.76	peak	0	
4	*	599.5591	36.93	-0.61	36.32	46.00	-9.68	peak	0	
5		657.8758	35.70	0.01	35.71	46.00	-10.29	peak	0	
6		963.0661	35.88	4.29	40.17	54.00	-13.83	peak	0	

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: VULB 9163

Engineer Signature:

Amplifier: HP8447D

File :MF240BTData :#30

Page: 1

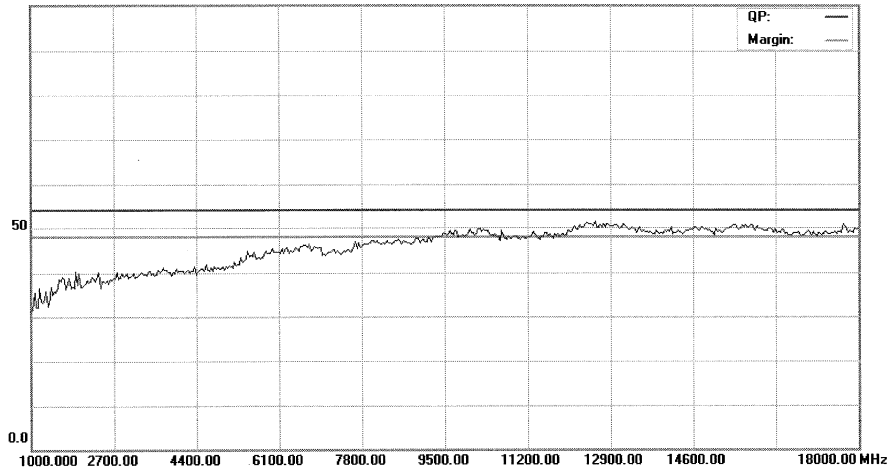


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Radiated Emission Measurement

File :MF240BT Data :#9 Date: 2011/11/04 Time: 11:29:07

100.0 dBuV/m



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2402
Note:

Polarization: **Horizontal** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
										Comment

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BTData :#9

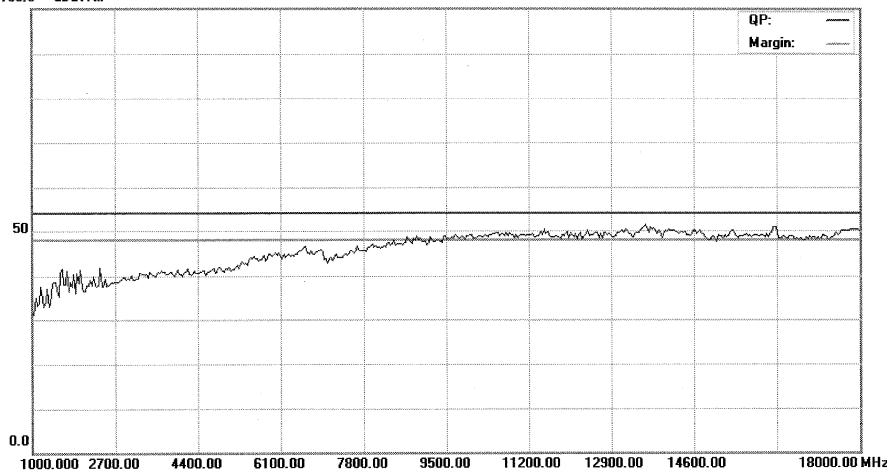
Page: 1



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Radiated Emission Measurement

File :MF240BT Data :#10 Date: 2011/11/04 Time: 11:30:20
100.0 dBuV/m



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2402
Note:

Polarization: **Vertical** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BT Data :#10

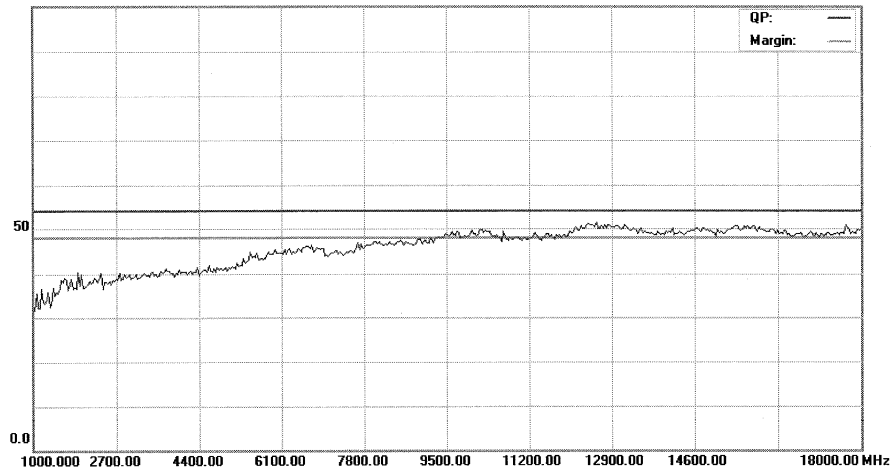
Page: 1



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Radiated Emission Measurement

File :MF240BT Data :#31 Date: 2011-11-22 Time: 12:09:04
100.0 dBuV/m



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2441
Note:

Polarization: **Horizontal** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
										Comment

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD Spectrum Analyzer: FSEM
Antenna: HORN Engineer Signature:
Amplifier: EM30265

File :MF240BTData :#31

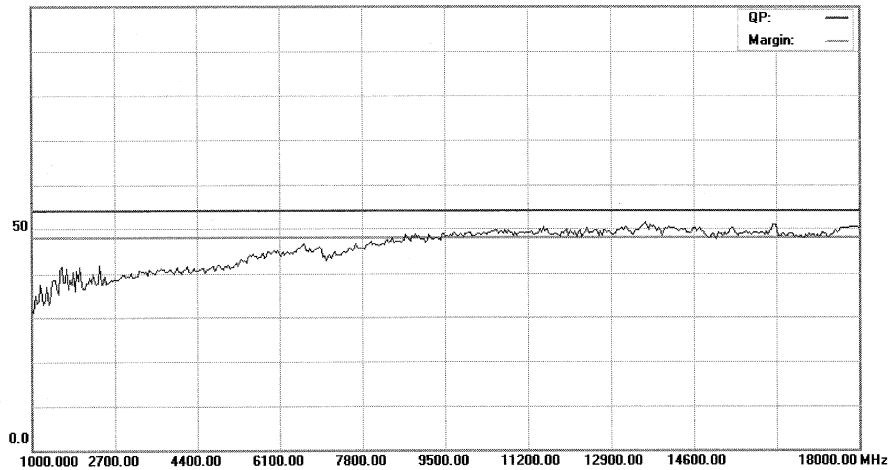
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Radiated Emission Measurement

File :MF240BT Data :#32 Date: 2011-11-22 Time: 12:11:30
100.0 dBuV/m



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2441
Note:

Polarization: **Vertical** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector cm	degree	Comment

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BTData :#32

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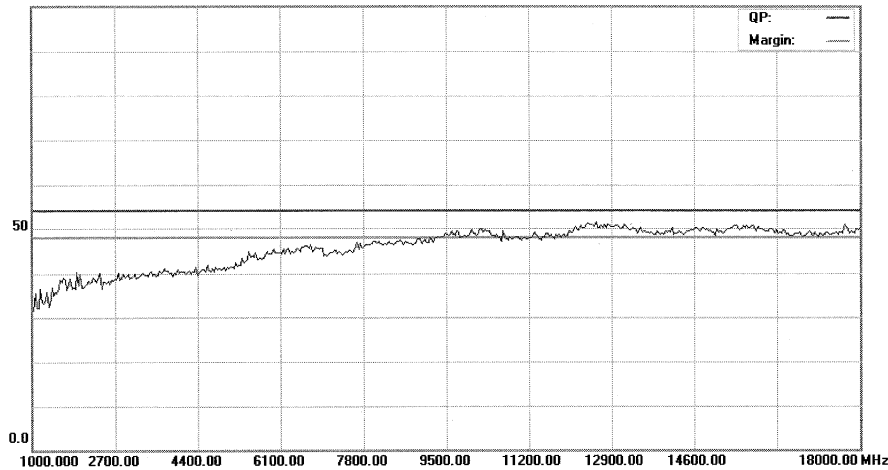
Radiated Emission Measurement

File :MF240BT
100.0 dBuV/m

Data :#33

Date: 2011-11-22

Time: 12:15:26



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2480
Note:

Polarization: **Horizontal**
Power: AC 120V/60Hz
Distance: 3m
Temperature: 26
Humidity: 56 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
										Comment

*:Maximum data x:Over limit !:over margin

<Reference Only

Receiver: ESVD

Spectrum Analyzer: FSEM

Antenna: HORN

Engineer Signature:

Amplifier: EM30265

File :MF240BTData :#33

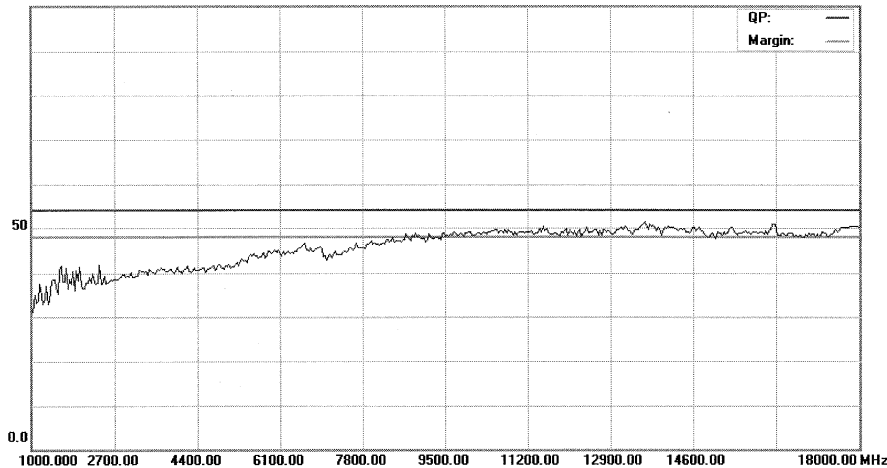
Page: 1



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Radiated Emission Measurement

File :MF240BT Data :#34 Date: 2011-11-22 Time: 12:17:28
100.0 dBuV/m



Site site #1
Limit: FCC ABOVE1G
EUT: speaker
M/N: MF240BT
Mode: BT RX 2480
Note:

Polarization: **Vertical** Temperature: 26
Power: AC 120V/60Hz Humidity: 56 %
Distance: 3m

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment

*:Maximum data x:Over limit !:over margin

(Reference Only)

Receiver: ESVD Spectrum Analyzer: FSEM
Antenna: HORN Engineer Signature:
Amplifier: EM30265

File :MF240BT\Data :#34

Page: 1



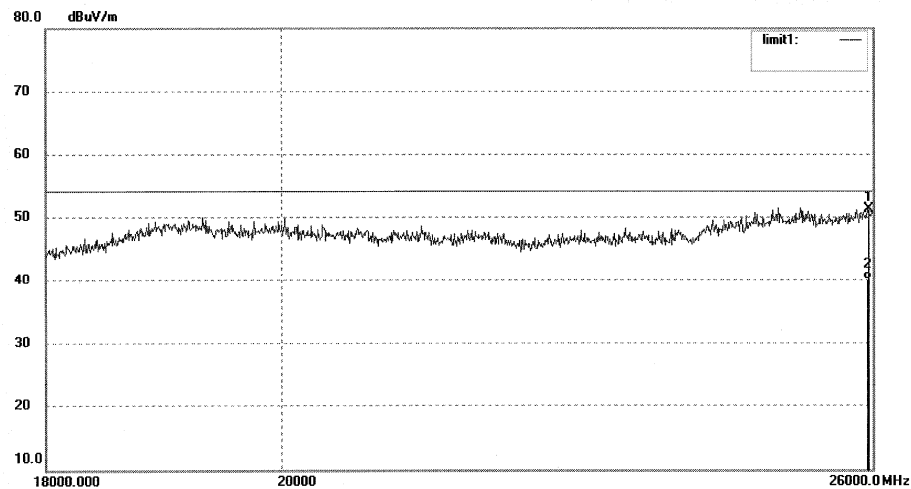
ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6796	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/34/17
EUT:	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25942.584	31.83	19.45	51.28	74.00	-22.72	peak			
2	25942.584	20.54	19.45	39.99	54.00	-14.01	AVG			



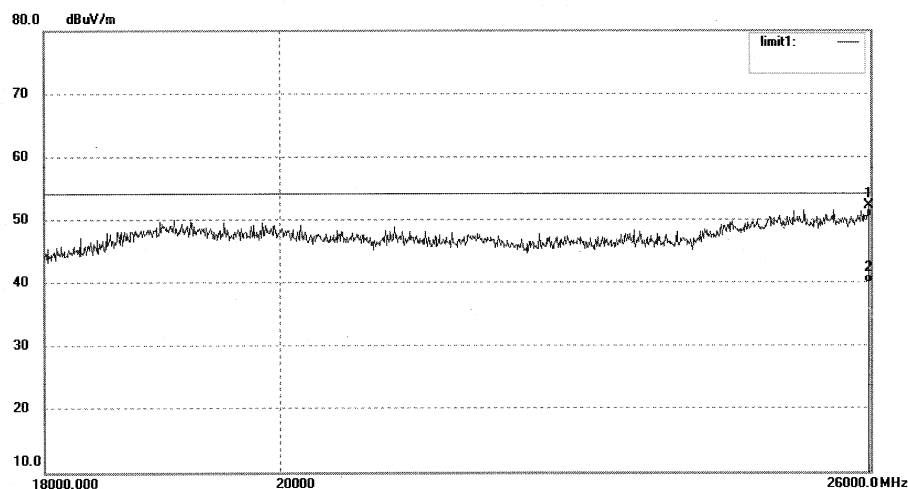
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Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6797	Polarization: Vertical
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/40/57
EUT:	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25980.847	32.53	19.49	52.02	74.00	-21.98	peak			
2	25980.847	20.28	19.49	39.77	54.00	-14.23	AVG			



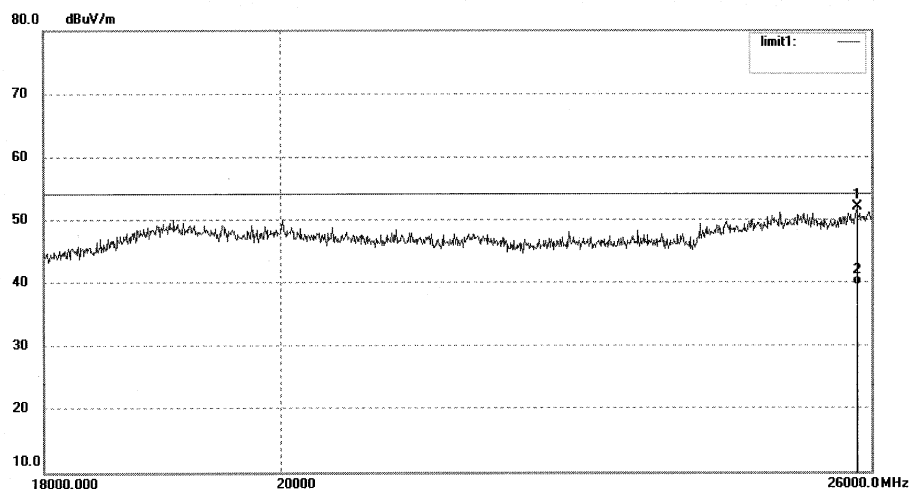
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel: +86-0755-26503290
Fax: +86-0755-26503396

Job No.: pei #6795	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/28/47
EUT:	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25837.649	32.55	19.37	51.92	74.00	-22.08	peak			
2	25837.649	20.18	19.37	39.55	54.00	-14.45	AVG			



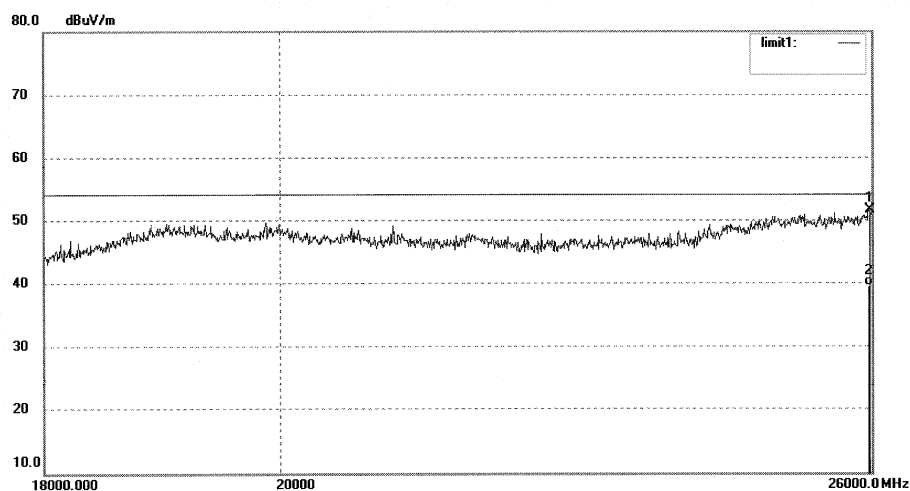
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6794	Polarization: Vertical
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/19/28
EUT:	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25971.276	32.09	19.48	51.57	74.00	-22.43	peak			
2	25971.276	20.00	19.48	39.48	54.00	-14.52	AVG			



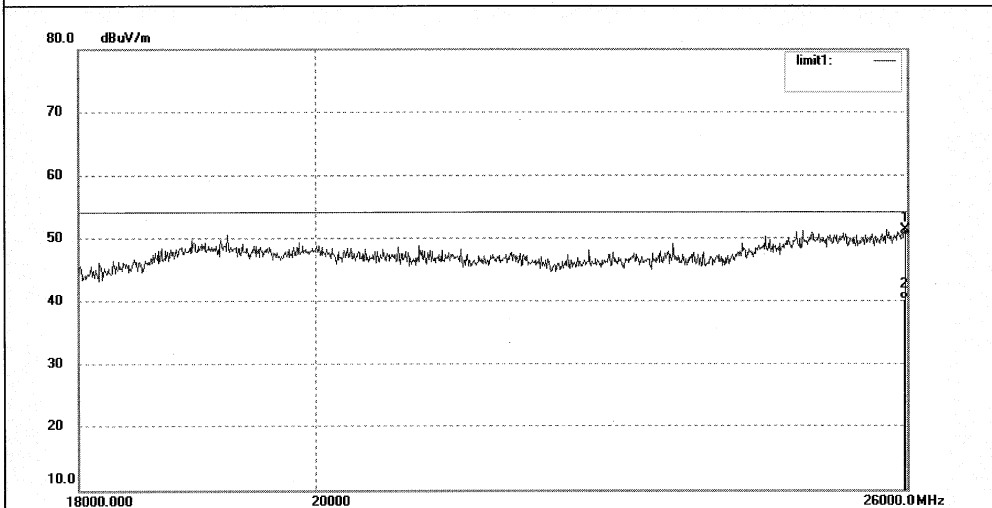
ACCURATE TECHNOLOGY CO., LTD.

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel: +86-0755-26503290
Fax: +86-0755-26503396

Job No.: pei #6792	Polarization: Horizontal
Standard: RSS-210 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 11/11/25/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 1/08/30
EUT:	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MO BLUE	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25971.276	31.68	19.48	51.16	74.00	-22.84	peak			
2	25971.276	20.65	19.48	40.13	54.00	-13.87	AVG			



ACCURATE TECHNOLOGY CO., LTD.

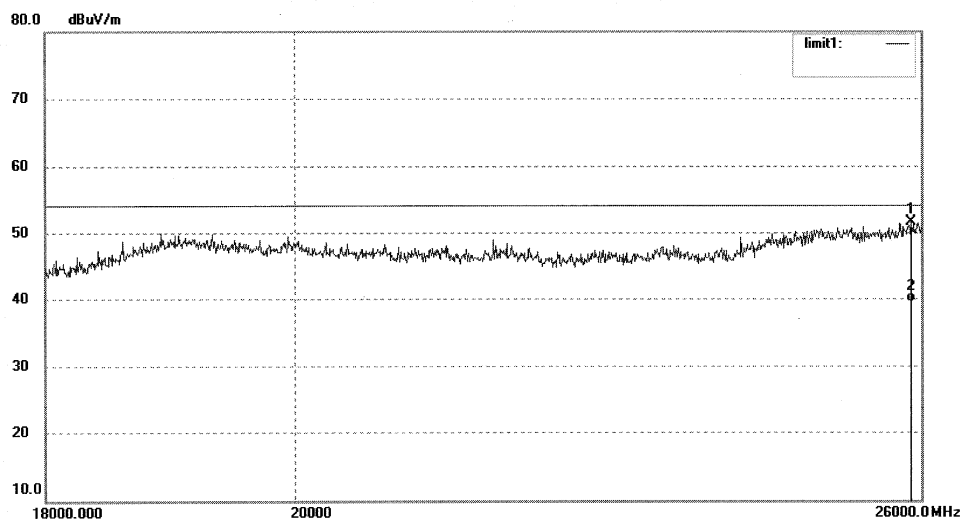
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: pei #6793
Standard: RSS-210 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT:
Mode: RX 2480MHz
Model: MO BLUE
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 11/11/25/
Time: 1/13/06
Engineer Signature: PEI
Distance: 3m

Note:

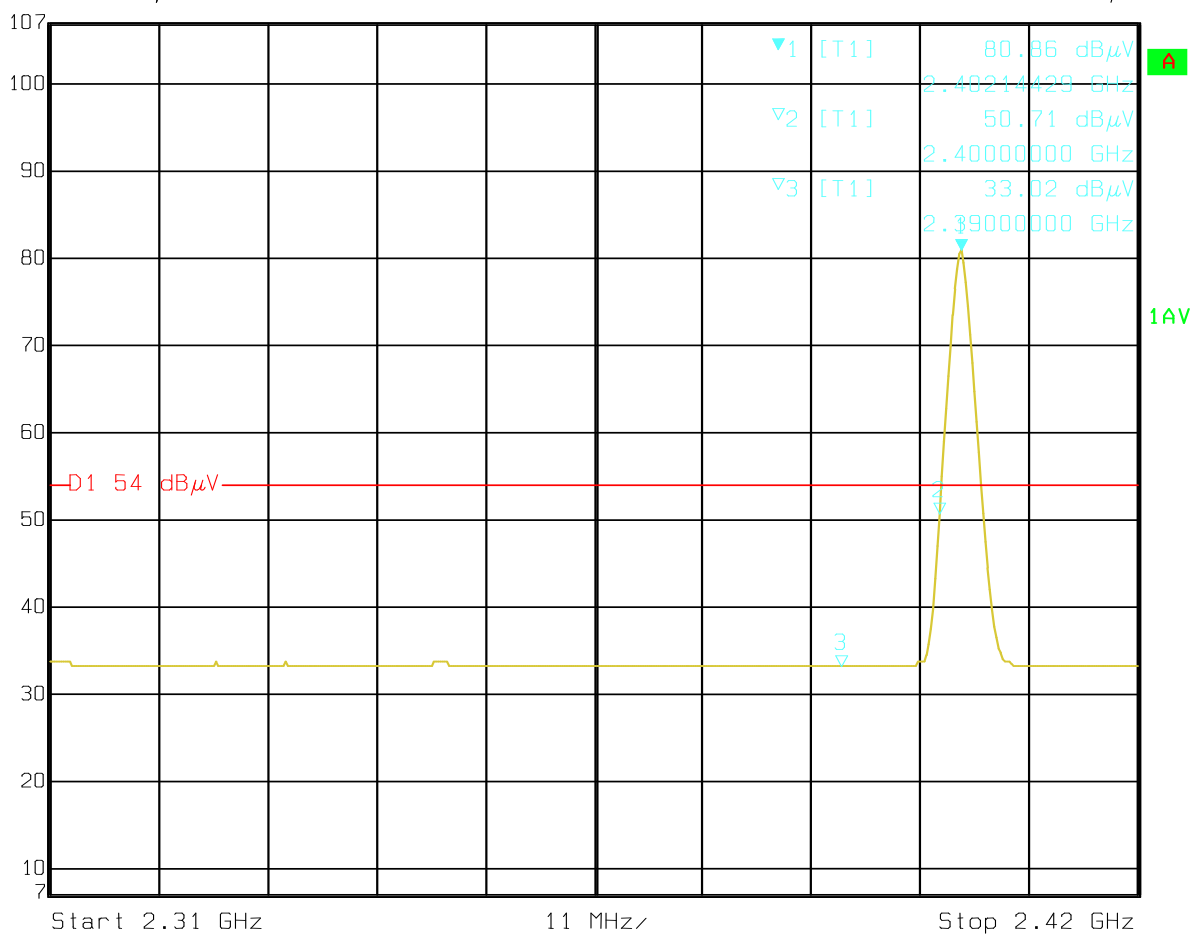


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25894.833	32.08	19.44	51.52	74.00	-22.48	peak			
2	25894.833	20.05	19.44	39.49	54.00	-14.51	AVG			

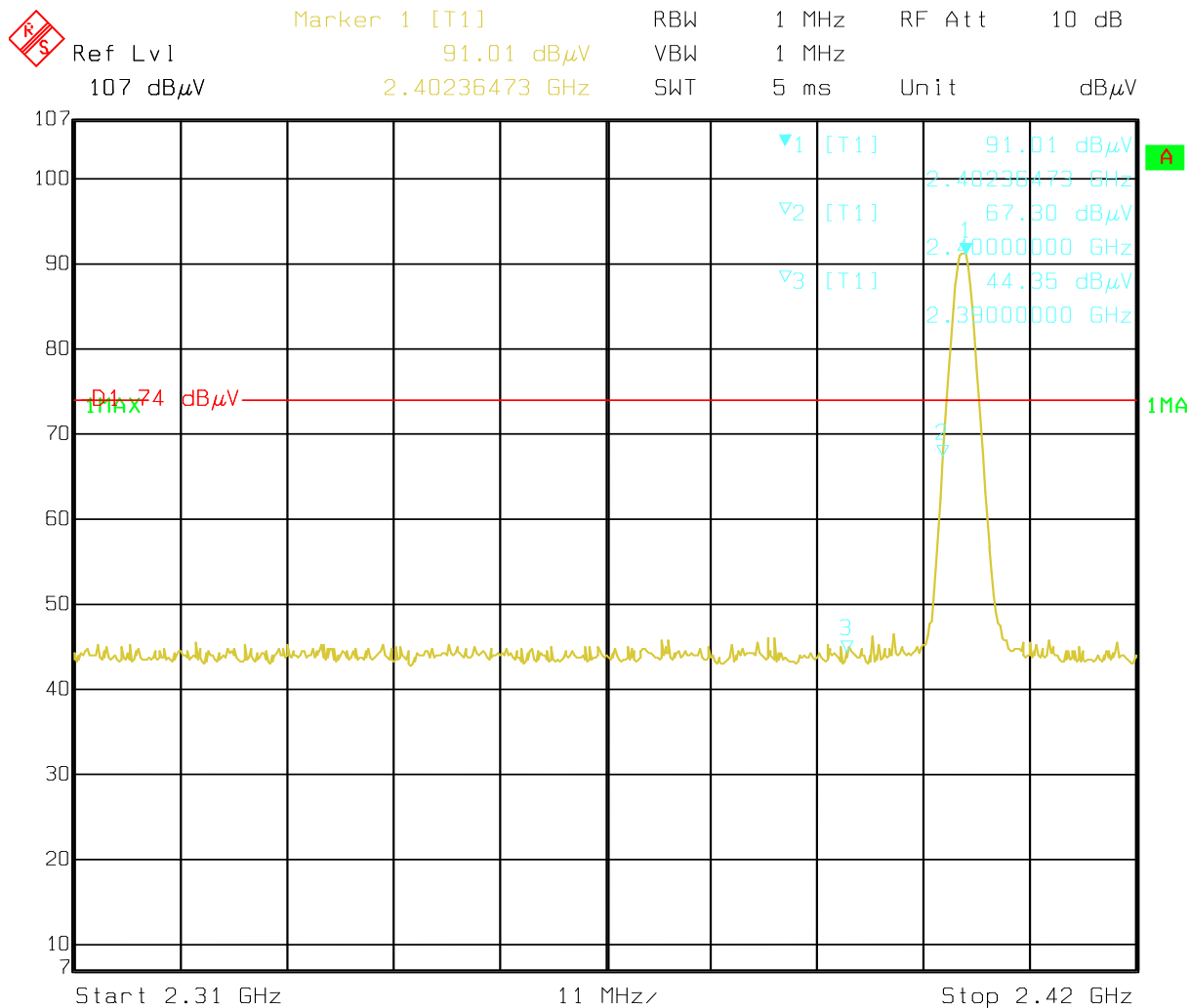
Test plot of Radiated Emissions Band Edge



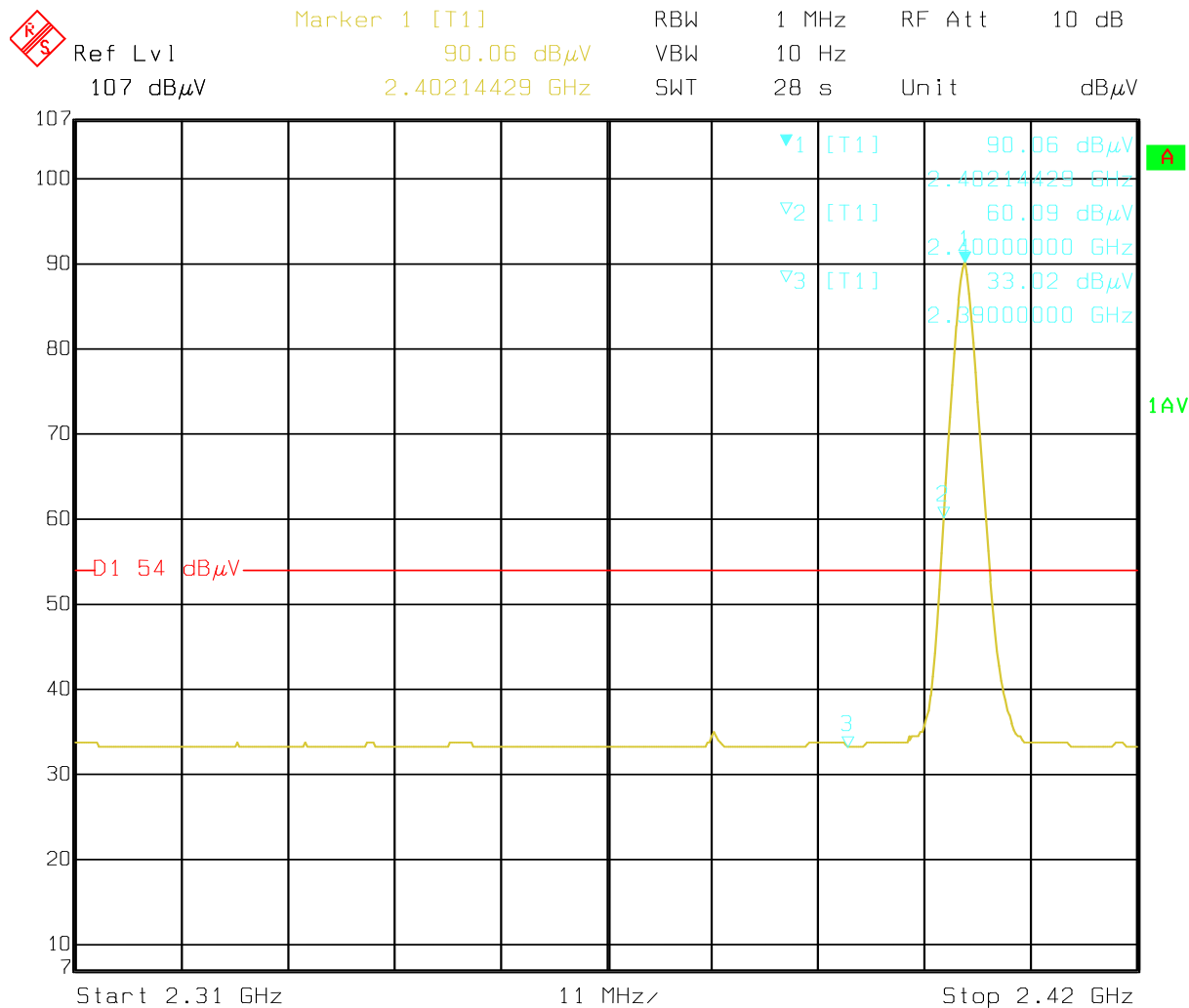
Ref Lvl 107 dB μ V
Marker 1 [T1] 80.86 dB μ V
2.40214429 GHz
RBW 1 MHz
VBW 10 Hz
SWT 28 s
RF Att 10 dB
Unit dB μ V



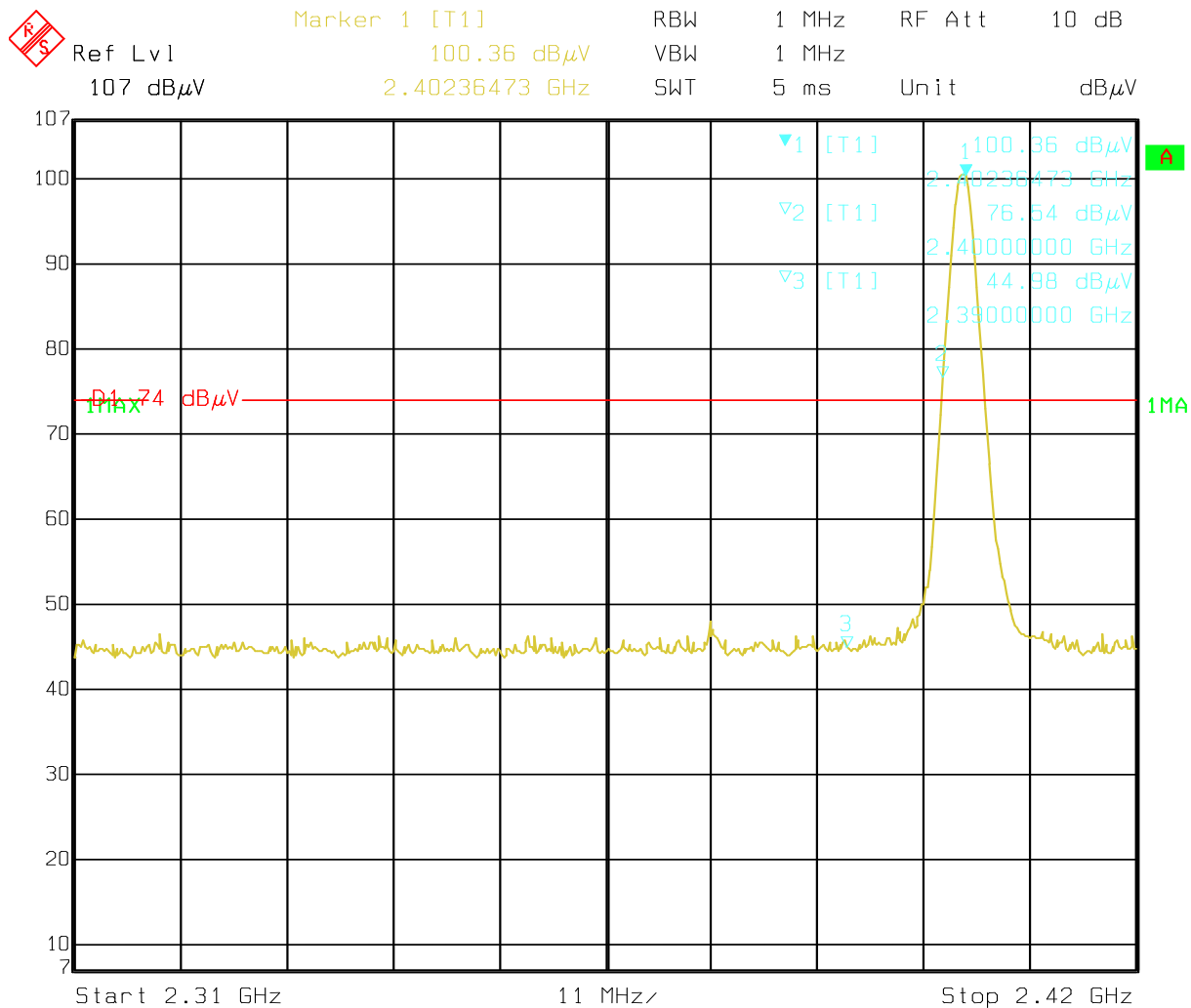
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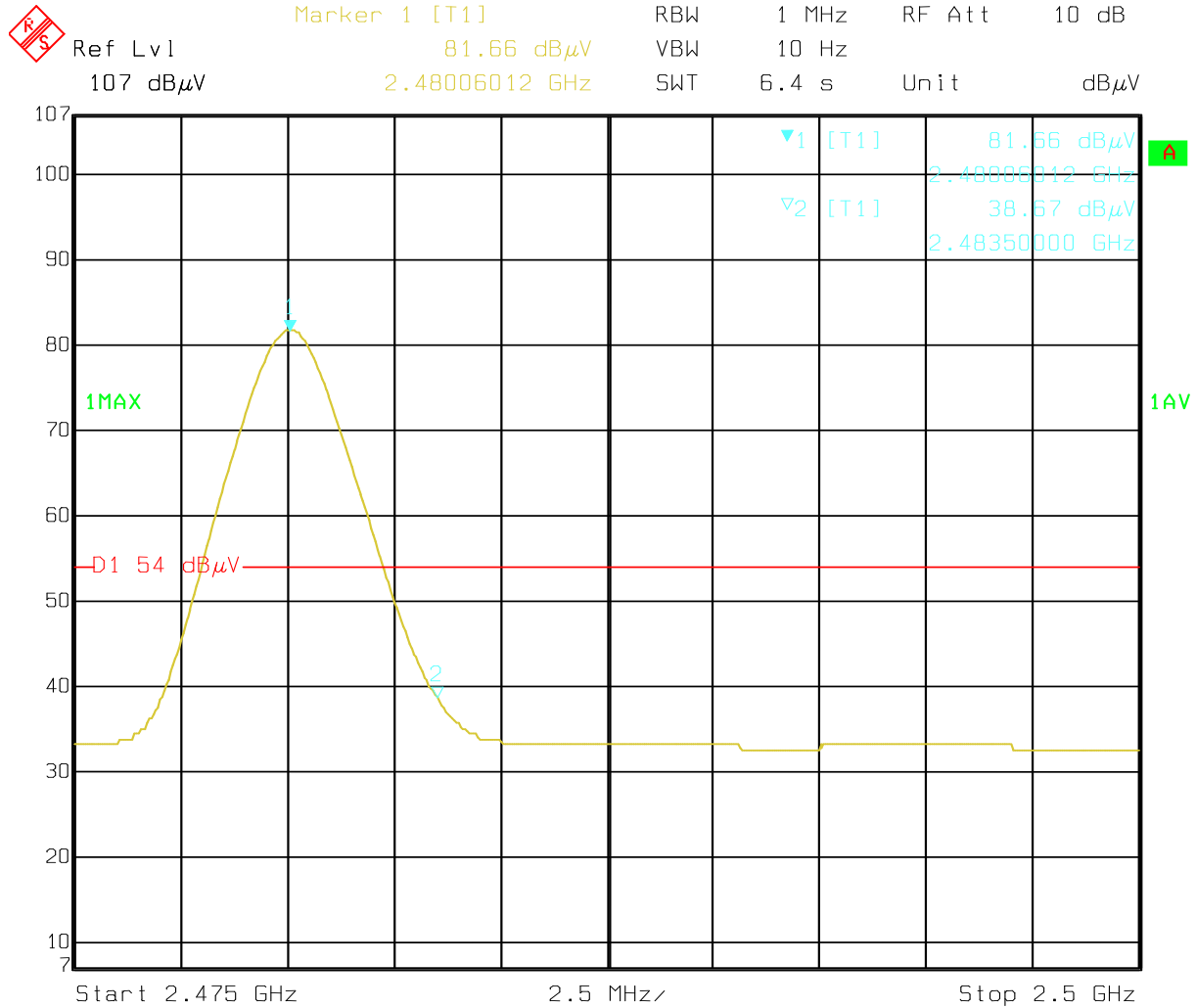
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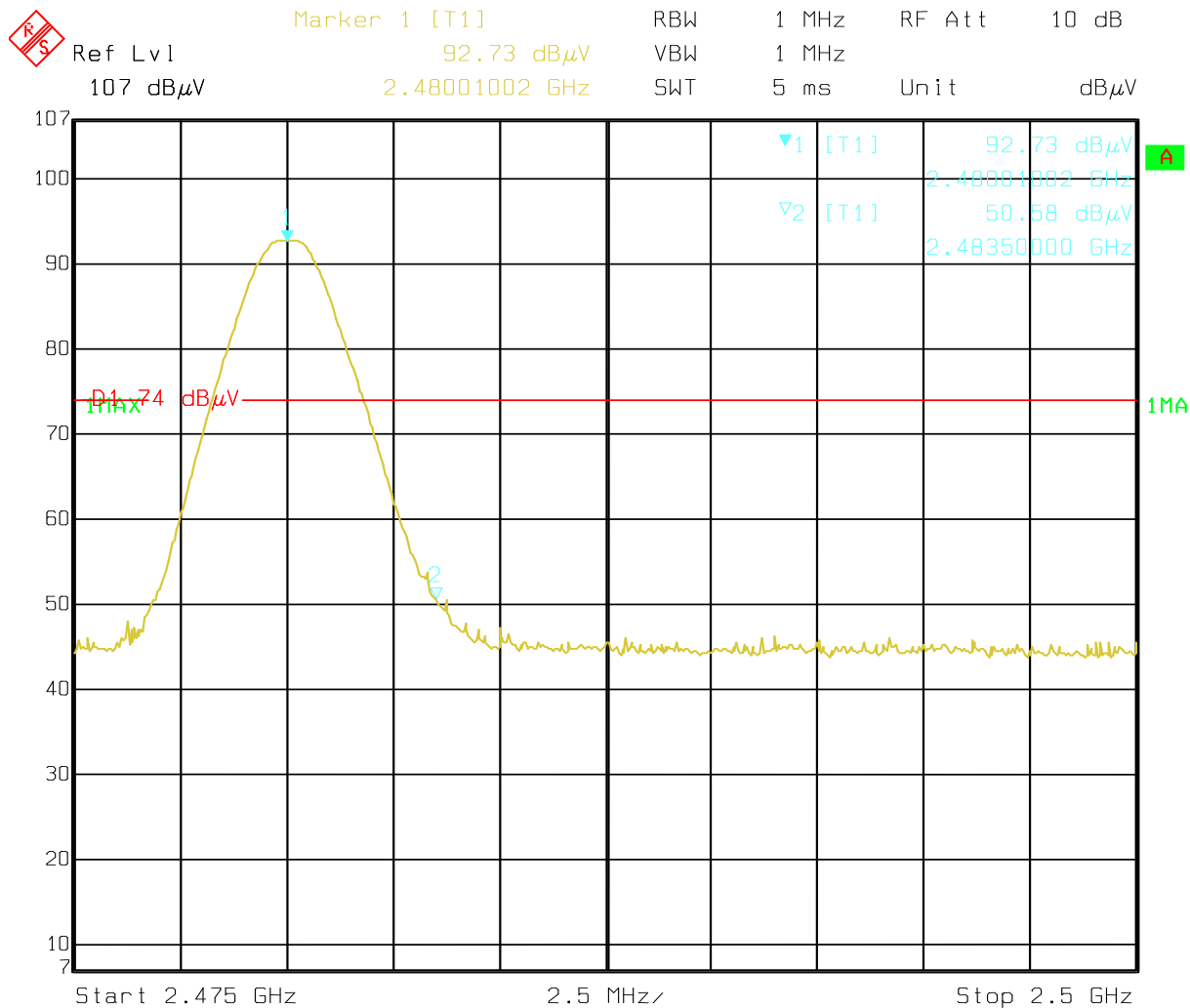
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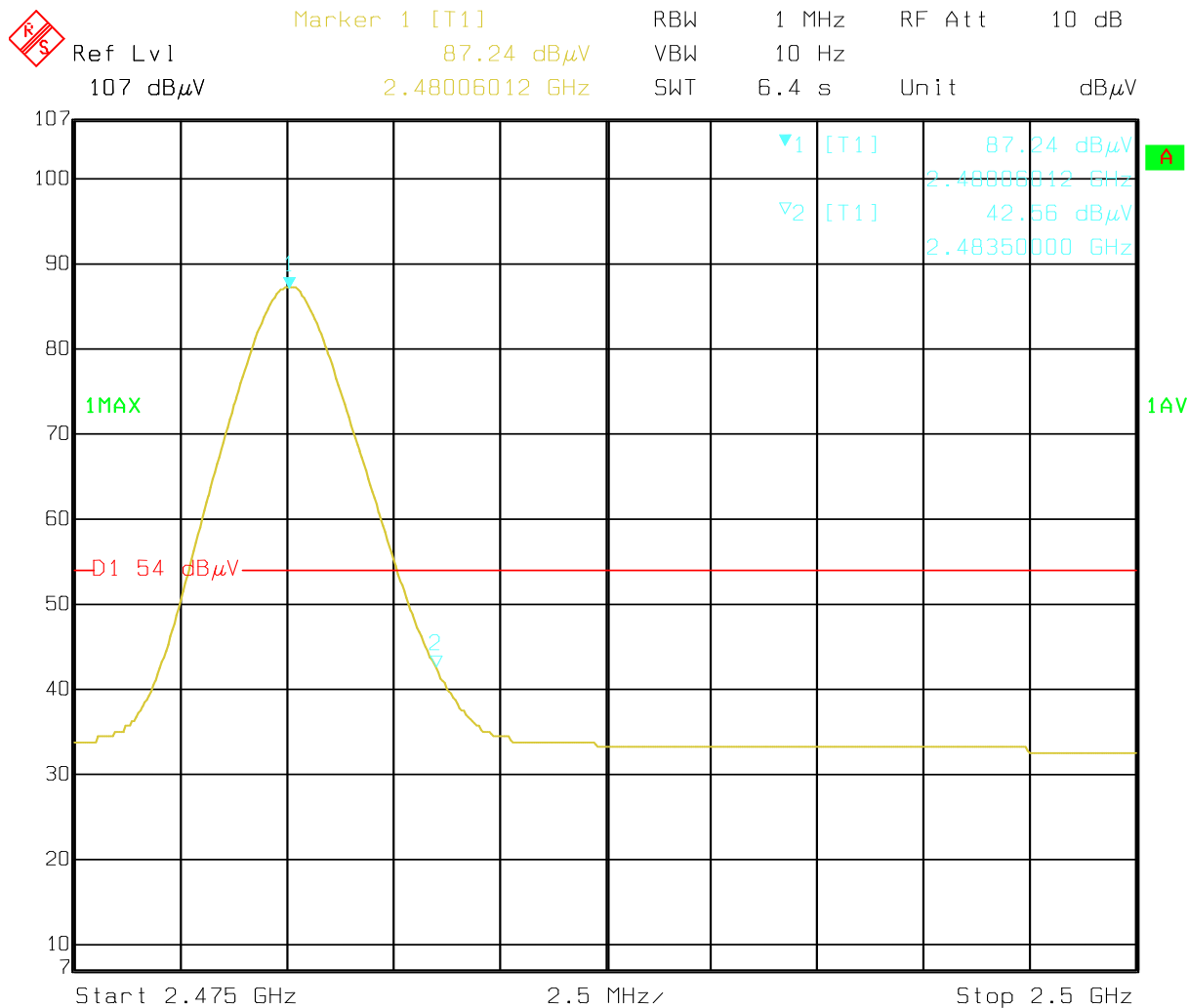
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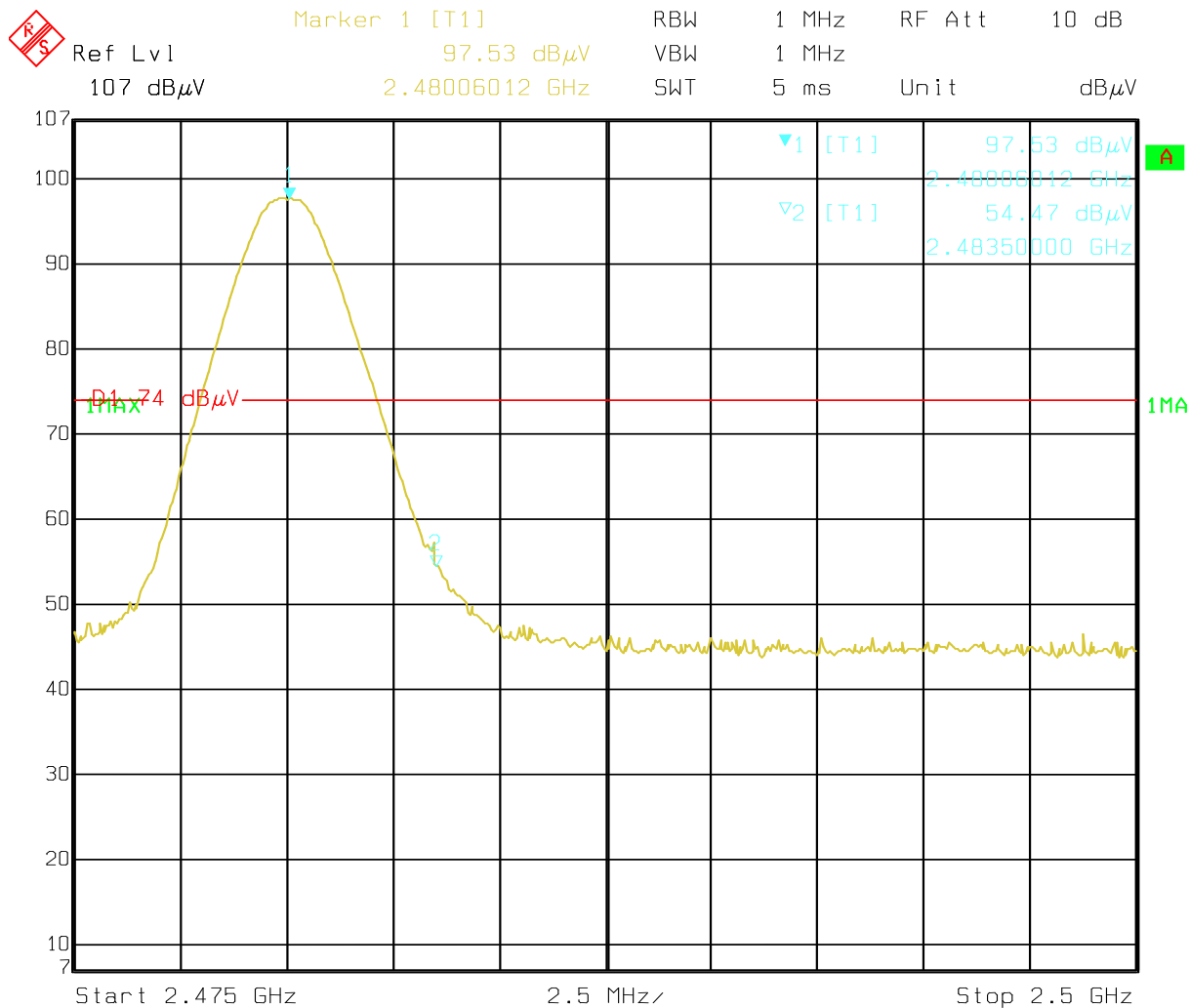
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Date: 03.NOV.2011 12:47:35



Date: 03.NOV.2011 12:53:27



Date: 03.NOV.2011 12:52:37