
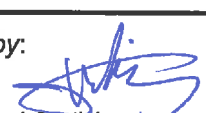


Prüfbericht-Nr.: <i>Test Report No.:</i>	17053833 001	Auftrags-Nr.: <i>Order No.:</i>	164047126	Seite 1 von 127 Page 1 of 127
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	12.10.2015	
Auftraggeber: <i>Client:</i>	Edifier International Limited, Room 2207-9, Tower Two, Lippo Centre 89 Queensway, Hong Kong			
Prüfgegenstand: <i>Test item:</i>	Multimedia Speaker			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	S1000DB (EDIFIER)			
Auftrags-Inhalt: <i>Order content:</i>	FCC/IC Certification			
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.209 CFR47 FCC Part 15: Subpart B Section 15.109 RSS-247 Issue 1 May 2015 ICES-003 Issue 5 August 2012			
	CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart B Section 15.107 FCC KDB Publication 447498 v05r02 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015			
Wareneingangsdatum: <i>Date of receipt:</i>	12.10.2015			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000227845-001, A000227845-003, A000227845-004			
Prüfzeitraum: <i>Testing period:</i>	15.10.2015 - 19.10.2015			
Ort der Prüfung: <i>Place of testing:</i>	Accurate Technology Co., Ltd.			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
06.11.2015 Owen Tian/Senior Project Manager 		06.11.2015 Sam Lin/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>
Sonstiges / Other:				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
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. This test report only 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 test mark.				

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 6dB BANDWIDTH AND 99% BANDWIDTH***RESULT: Pass***5.1.5 CONDUCTED SPURIOUS EMISSIONS MEASURED IN 100KHz BANDWIDTH***RESULT: Pass***5.1.6 POWER SPECTRAL DENSITY***RESULT: Pass***5.1.7 SPURIOUS EMISSION***RESULT: Pass***5.1.8 FREQUENCY SEPARATION***RESULT: Pass***5.1.9 NUMBER OF HOPPING FREQUENCY***RESULT: Pass***5.1.10 TIME OF OCCUPANCY***RESULT: Pass***5.1.11 CONDUCTED EMISSIONS***RESULT: Pass***5.1.12 RADIATED EMISSION***RESULT: Pass***1.1.1 ELECTROMAGNETIC FIELDS***RESULT: Pass*

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1. General Remarks

1.1 Complementary Materials

None.

2. Test Sites

2.1 Test Facilities

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 site 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				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2016-01-14
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2016-01-14
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2016-01-14
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2016-01-09
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2016-01-09
50 Coaxial Switch	Anritsu Corp	MP59B	620050647 4	2016-01-09
RF Coaxial Cable	SUHNER	N-3m	No.8	2016-01-09
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2016-01-09
RF Coaxial Cable	SUHNER	N-6m	No.10	2016-01-09
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2016-01-09
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2016-01-09
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2016-01-09
Vector Signal Generator	Rohde & Schwarz	SMBV100A	260434	2016-01-09
Signal Generator	Rohde & Schwarz	SMB100A	108362	2016-01-09
Open Switch and Control Unit	Rohde & Schwarz	OSP120 + OSP-B157	101244 + 100866	2016-01-09
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2016-01-09
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2016-01-09
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2016-01-09
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2016-01-09
Voltage Probe	Schwarzbeck	TK9416	N/A	2016-01-09
RF Current Probe	Rohde & Schwarz	EZ-17	100048	2016-01-09
8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.2	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.3	2016-01-09
RF Coaxial Cable	Suhner	N-2m	No.14	2016-01-09

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

Table 2: Measurement Uncertainty

Parameter	Uncertainty
Radio Spectrum	$< \pm 0.60 \text{ dB}$
Radiated emission of transmitter, valid up to 26.5 GHz	$< \pm 4.42 \text{ dB}$
Conducted Emission	$< \pm 2.23 \text{ dB}$
Radiated Emission	$< \pm 4.42 \text{ dB}$

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

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 is 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 Bluetooth speaker 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 3: Technical Specification of Bluetooth (BDR & EDR mode)

Technical Specification	Value
Kind of Equipment	Multimedia Speaker
Type Designation	S1000DB
FCC ID	Z9G-EDF27
IC	10004A-EDF27
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	-10~+45°C
Operation Voltage	AC 100-240V, 50/60Hz
Modulation	FHSS, GFSK, 8DPSK, $\pi/4$ DQPSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	2.5dBi

Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	21	2423.00	42	2444.00	63	2465.00
1	2403.00	22	2424.00	43	2445.00	64	2466.00
2	2404.00	23	2425.00	44	2446.00	65	2467.00
3	2405.00	24	2426.00	45	2447.00	66	2468.00
4	2406.00	25	2427.00	46	2448.00	67	2469.00
5	2407.00	26	2428.00	47	2449.00	68	2470.00
6	2408.00	27	2429.00	48	2450.00	69	2471.00
7	2409.00	28	2430.00	49	2451.00	70	2472.00
8	2410.00	29	2431.00	50	2452.00	71	2473.00
9	2411.00	30	2432.00	51	2453.00	72	2474.00
10	2412.00	31	2433.00	52	2454.00	73	2475.00
11	2413.00	32	2434.00	53	2455.00	74	2476.00

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12	2414.00	33	2435.00	54	2456.00	75	2477.00
13	2415.00	34	2436.00	55	2457.00	76	2478.00
14	2416.00	35	2437.00	56	2458.00	77	2479.00
15	2417.00	36	2438.00	57	2459.00	78	2480.00
16	2418.00	37	2439.00	58	2460.00		
17	2419.00	38	2440.00	59	2461.00		
18	2420.00	39	2441.00	60	2462.00		
19	2421.00	40	2442.00	61	2463.00		
20	2422.00	41	2443.00	62	2464.00		

Table 5: Technical Specification of Bluetooth (Low Energy mode)

Technical Specification	Value
Kind of Equipment	Multimedia Speaker
Type Designation	S1000DB
FCC ID	Z9G-EDF27
IC	10004A-EDF27
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	-10~+45°C
Operation Voltage	AC 100-240V, 50/60Hz
Modulation	GFSK
Bluetooth version	4.0, Dual Mode
Antenna Gain	2.5dBi

Table 6: RF channel and frequency of Bluetooth (Low Energy mode)

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00		
8	2418.00	19	2440.00	30	2462.00		
9	2420.00	20	2442.00	31	2464.00		
10	2422.00	21	2444.00	32	2466.00		

3.3 Independent Operation Modes

The basic operation modes are:

- A. On
 - 1. Bluetooth mode (BDR & EDR mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
 - 2. Bluetooth mode (Low Energy mode)
 - a. Transmitting
 - i. Low Channel
 - ii. Middle Channel
 - iii. High Channel
 - b. Receiving
- B. AUX input
- C. PC input
- D. Coaxial input
- E. Optical input
- F. Standby
- G. 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: 2014 & ANSI C63.10: 2013.

4.3 Special Accessories and Auxiliary Equipment

The EUT was tested together with the following accessories:

Description	Manufacturer	Part No.	S/N
Mobile phone	HUAWEI	P7-L00	7NZMYN151S027984
DVD Player	KENUO	966T1	---

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AUX in	2 cores, non-shielded port, 3m	Audio Input
PC in	2 cores, non-shielded port, 3m	Audio Input
Coaxial in	2 cores, non-shielded port, 3m	Audio Input
Optical in	---	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

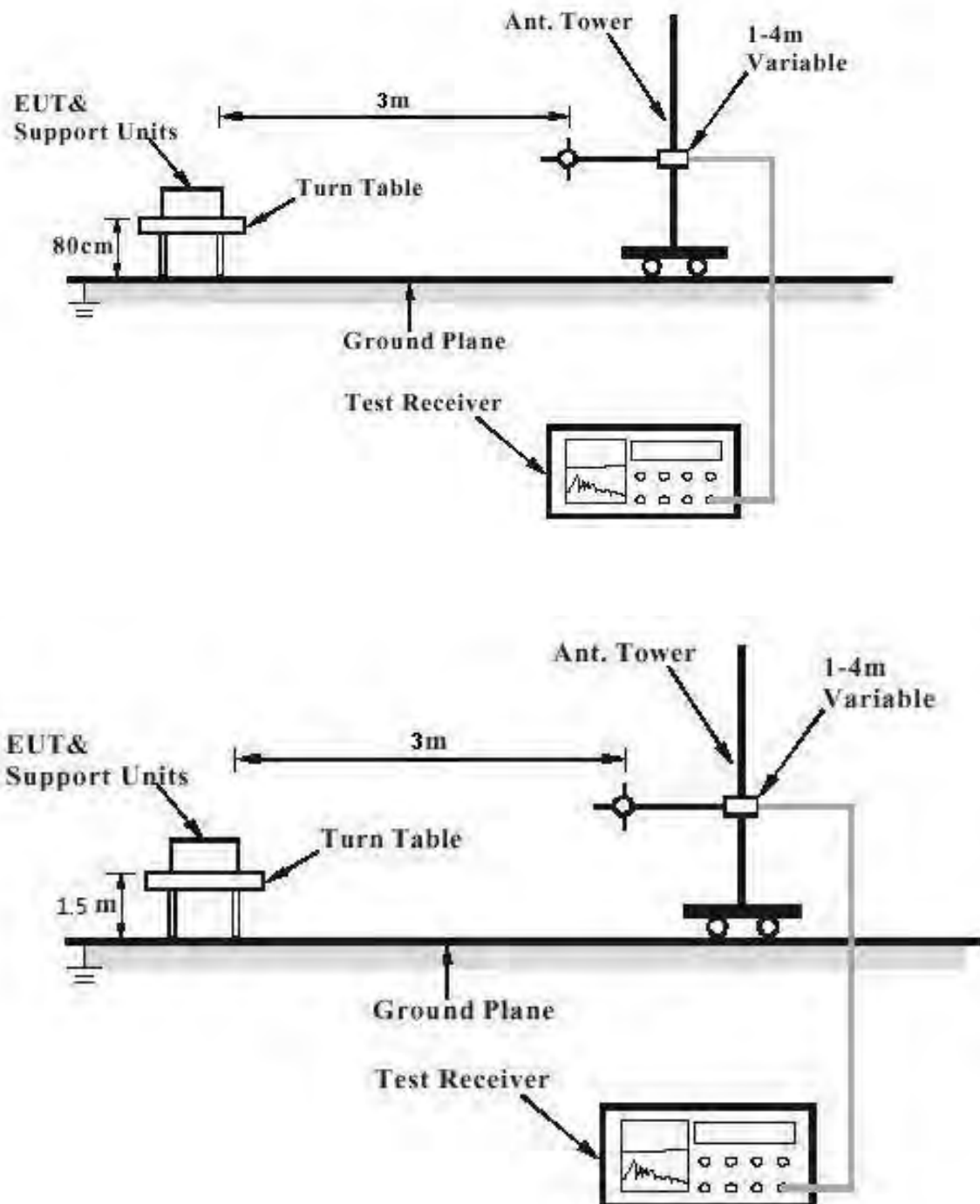


Diagram of Measurement Equipment Configuration for Conduction Measurement

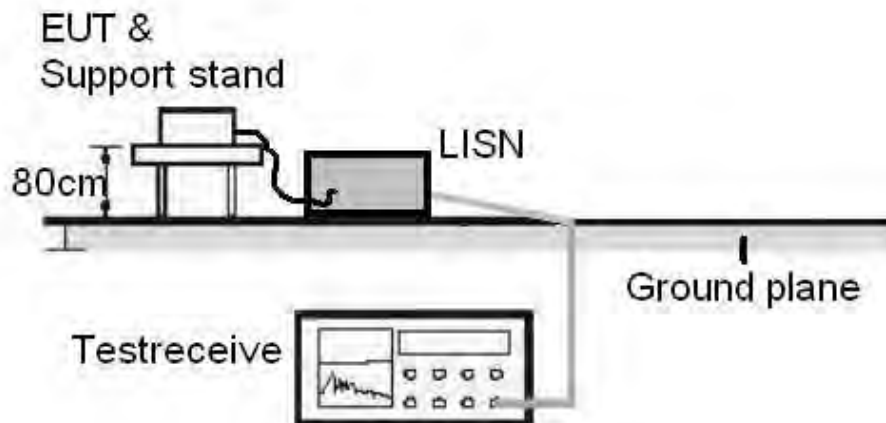
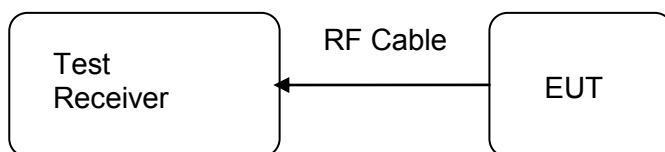


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	Part 15.203 RSS-Gen Clause 6.7
Limit		The use of antennas with directional gains that do not exceed 6dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 2.5dBi, 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.

5.1.2 Peak Output Power

RESULT:
Pass

Test date : 2015-10-16
 Test standard : FCC Part 15.247(b)(1)
 FCC Part 15.247(b)(3)
 RSS-247 clause 5.4(2)
 RSS-247 clause 5.4(4)
 Basic standard : ANSI C63.10: 2013
 Clause 9.1 of KDB 558074 v03r01
 Limit : 125mW, 1W
 Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
 Operation Mode : A.1.a, A.2.a
 Ambient temperature : 25°C
 Relative humidity : 50%
 Atmospheric pressure : 101kPa

Table 7: Test result of Peak Output Power of Bluetooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	0.30	21
Middle Channel	2441	2.37	21
High Channel	2480	2.53	21

Table 8: Test result of Peak Output Power of Bluetooth (EDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-0.94	21
Middle Channel	2441	1.76	21
High Channel	2480	1.93	21

Table 9: Test result of Peak Output Power of Bluetooth (Low Energy mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	1.61	30
Middle Channel	2440	2.80	30
High Channel	2480	3.04	30

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2015-10-16
Test standard	:	FCC Part 15.247(a)(1) RSS-210 clause 5.1(2) RSS-Gen clause 6.6
Basic standard	:	ANSI C63.10: 2013 Clause 8 of KDB 558074 v03r01
Kind of test site	:	Shielded room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 10: Test result of 20dB & 99% Bandwidth of BDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.921	0.933
Mid Channel	2441	0.921	0.929
High Channel	2480	0.921	0.929

Table 11: Test result of 20dB & 99% Bandwidth of EDR mode

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.203	1.194
Mid Channel	2441	1.203	1.194
High Channel	2480	1.207	1.194

5.1.4 6dB Bandwidth and 99% Bandwidth**RESULT:****Pass**

Date of testing : 2015-10-16
Test standard : FCC Part 15.247(a)(2)
RSS-247 clause 5.2(1)
RSS-Gen clause 6.6
Basic standard : ANSI C63.10: 2013
Clause 8 of KDB 558074 v03r01
Kind of test site : Shielded room

Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 12: Test result of 6dB & 99% Bandwidth of Bluetooth, Low Energy mode

Channel	Channel Frequency (MHz)	6dB Bandwidth (MHz)	Limit of 6dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	0.686	≥0.5	1.038
Mid Channel	2440	0.673	≥0.5	1.038
High Channel	2480	0.686	≥0.5	1.038

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

Date of testing	:	2015-10-16
Test standard	:	FCC part 15.247(d) RSS-247 clause 5.5
Basic standard	:	ANSI C63.10: 2013
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

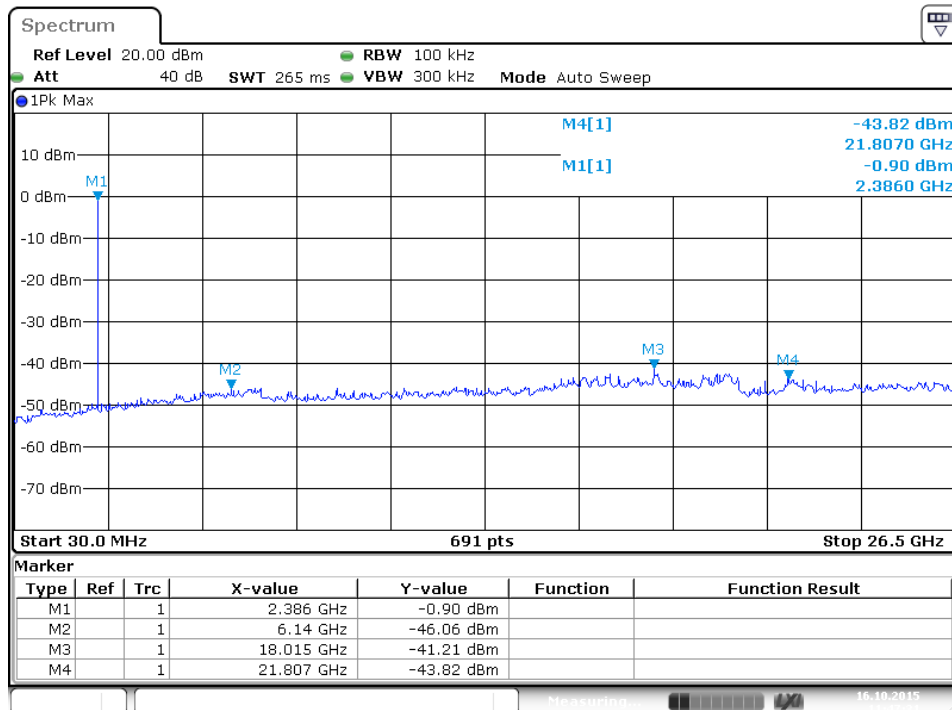
Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

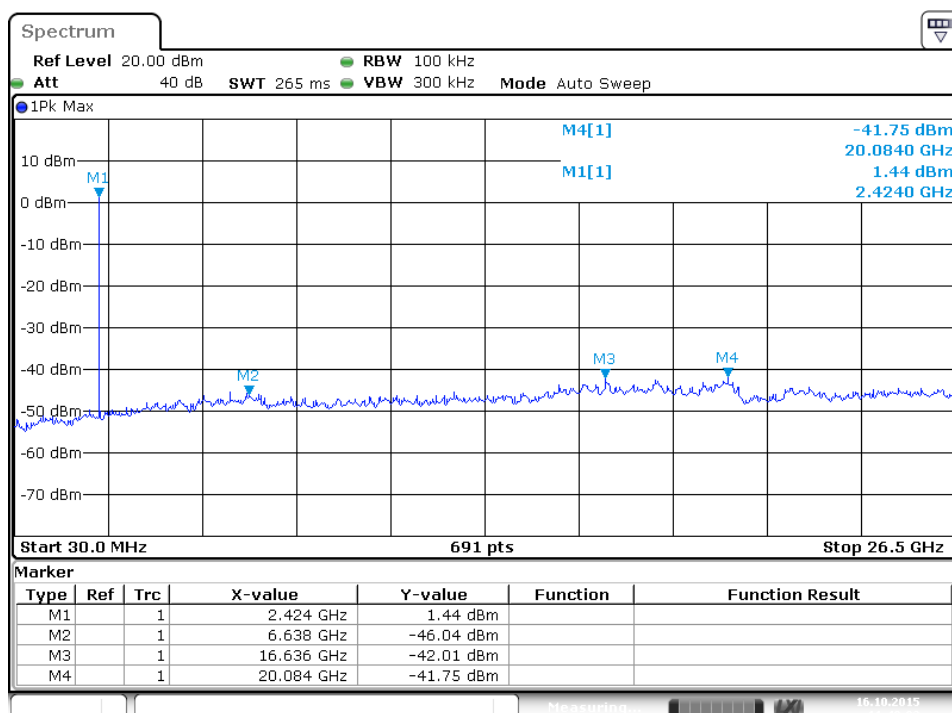
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

Low Channel



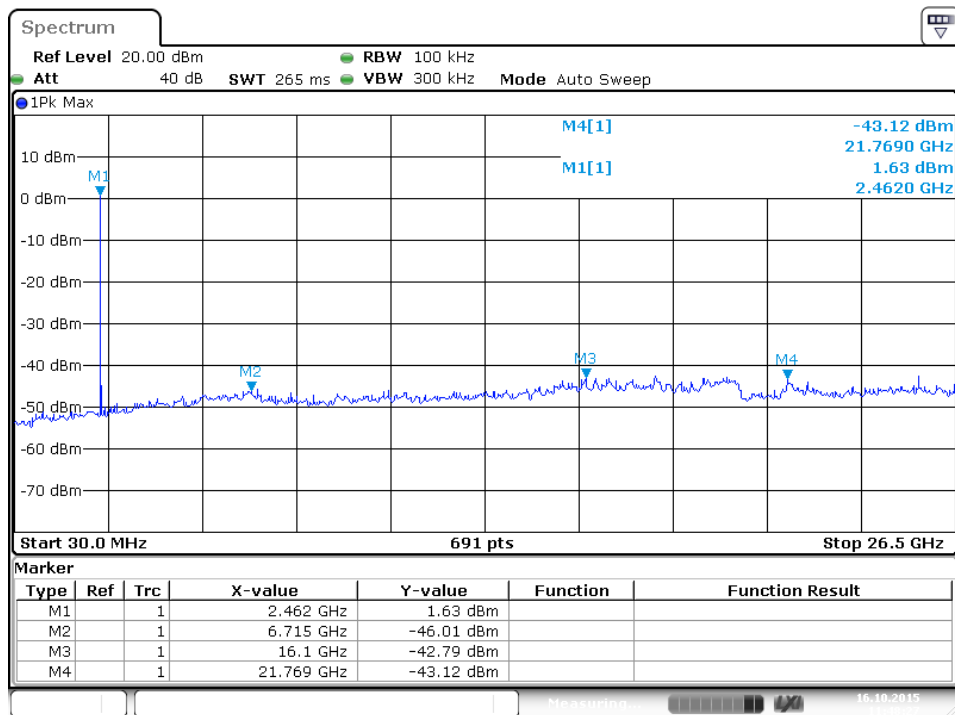
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Middle Channel

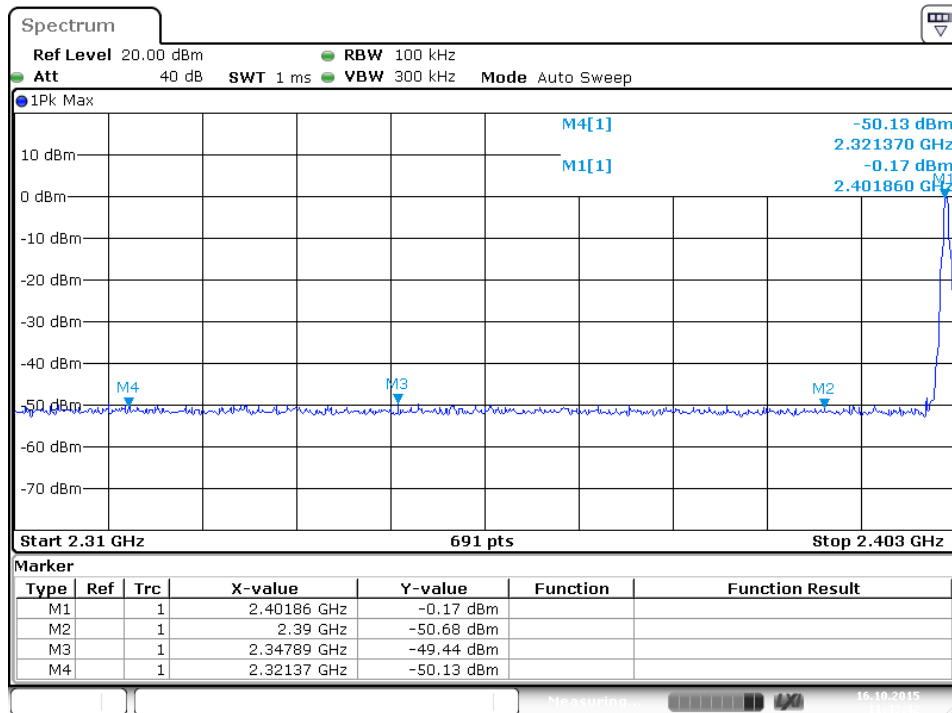


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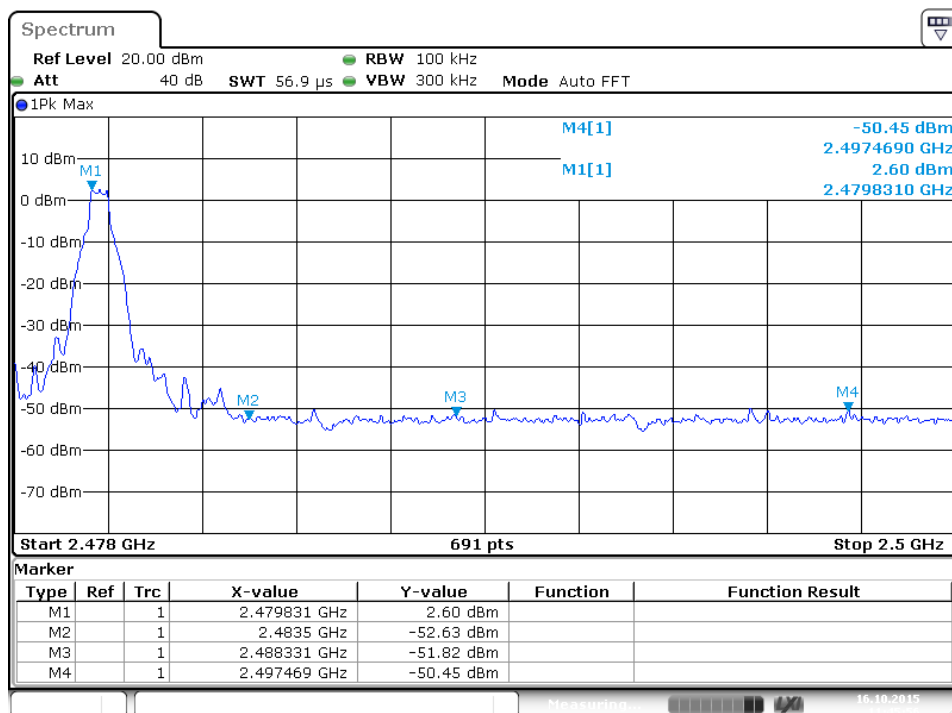
High Channel



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Band Edge


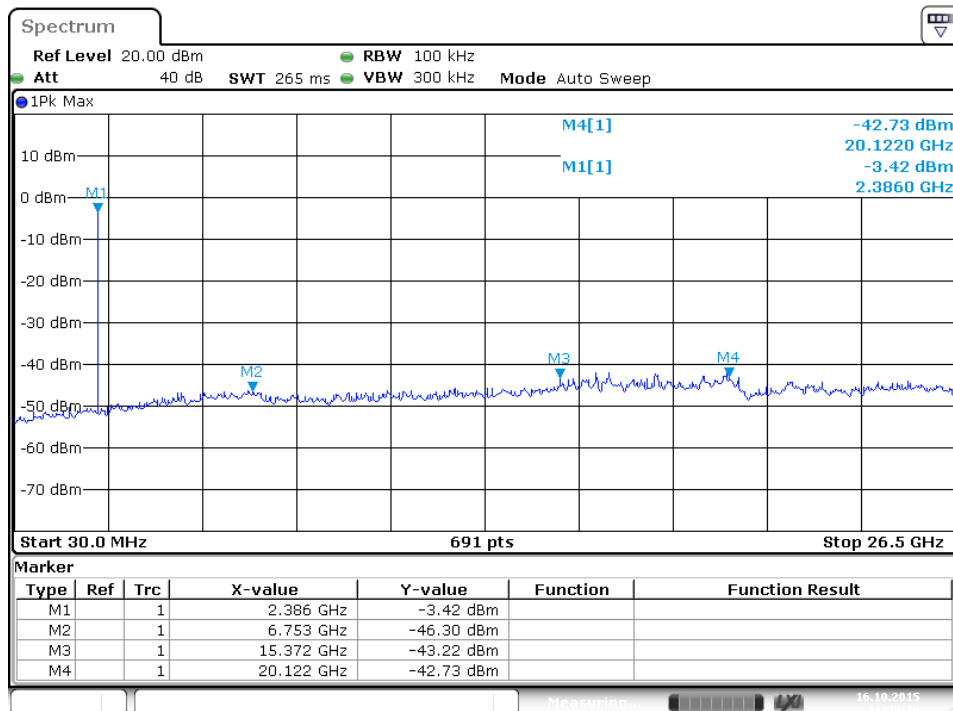
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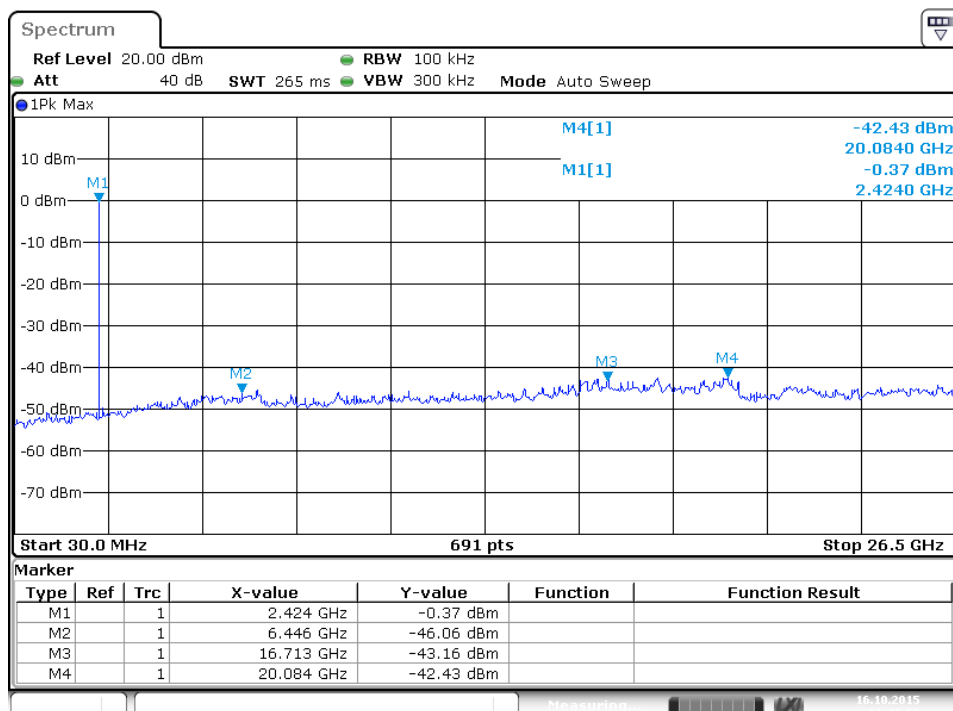
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel



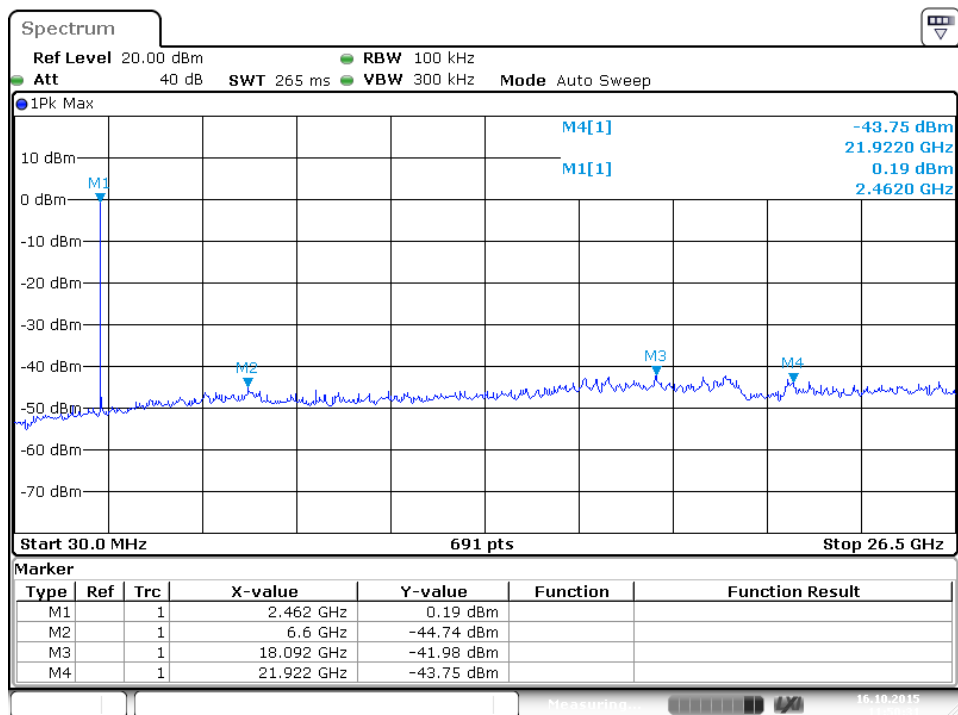
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Middle Channel

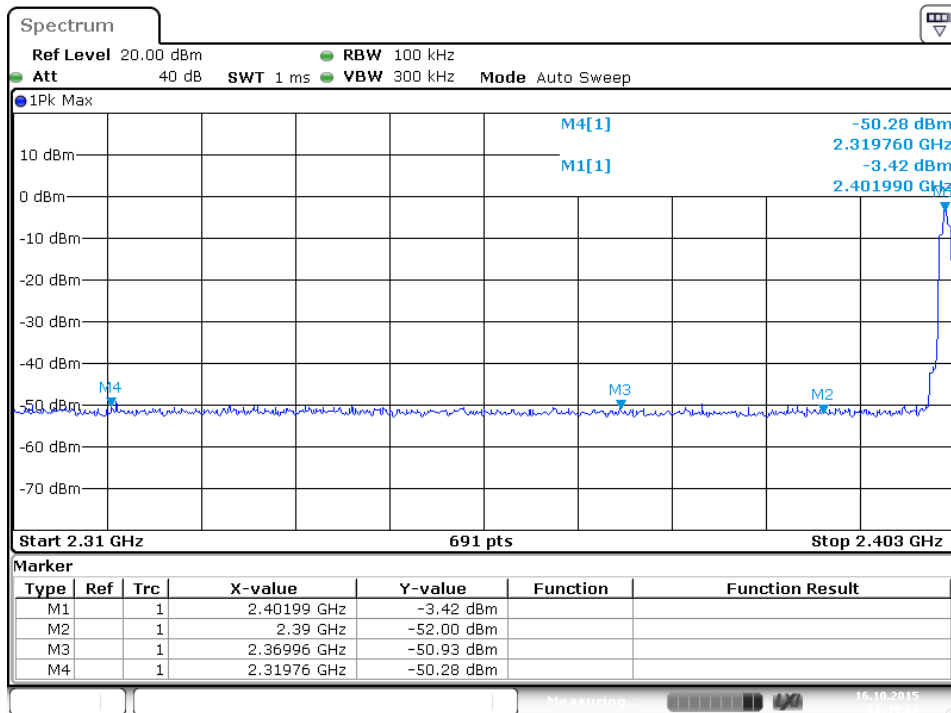


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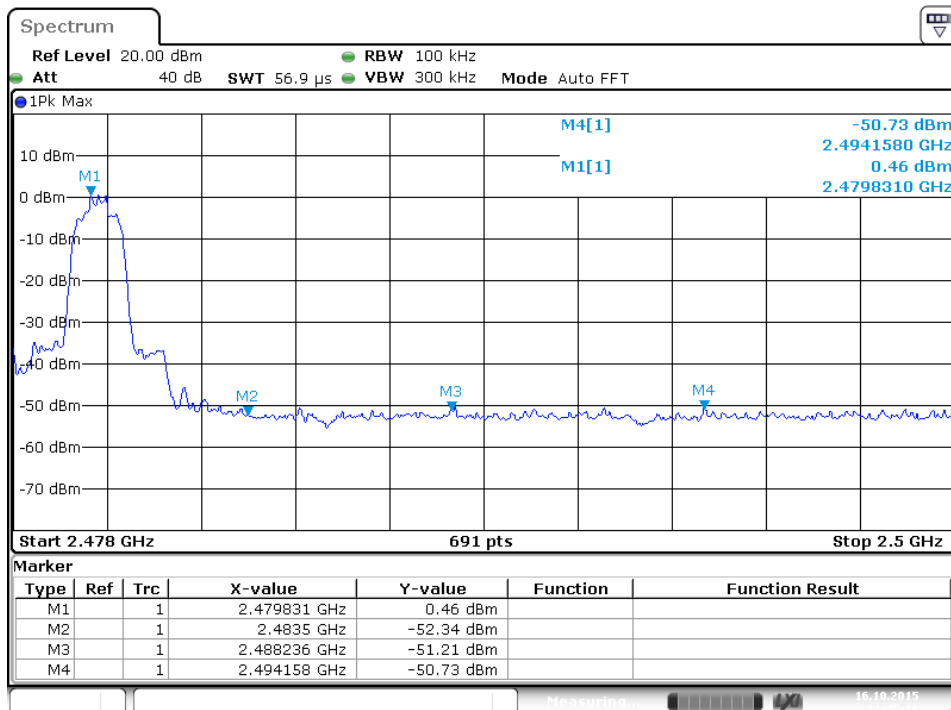
High Channel



Date: 16.OCT.2015 11:50:31

Band Edge


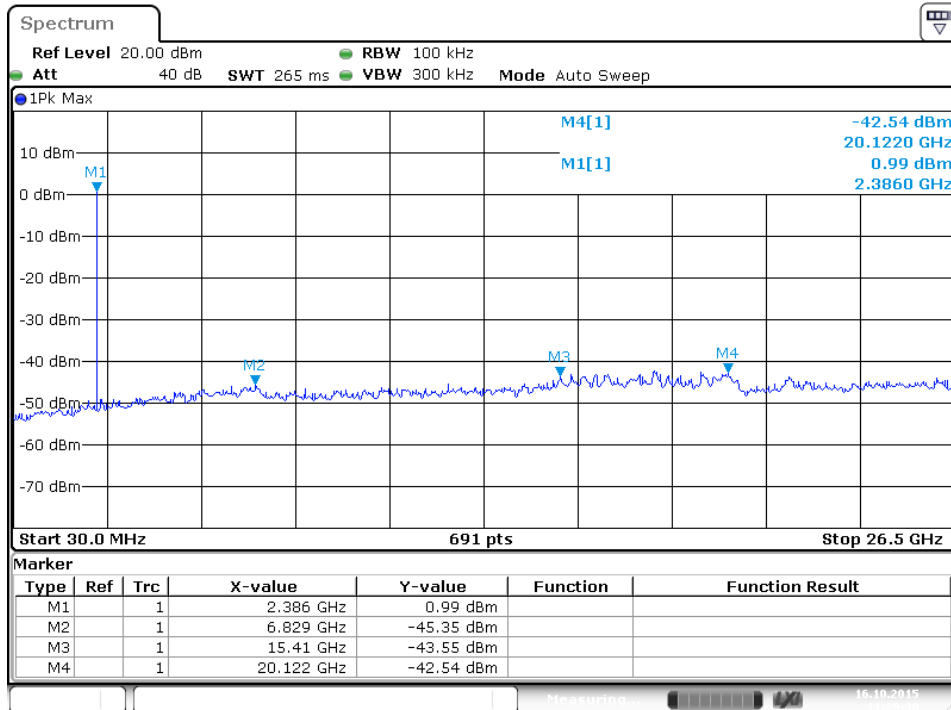
Date: 16.OCT.2015 11:44:26



Date: 16.OCT.2015 11:45:15

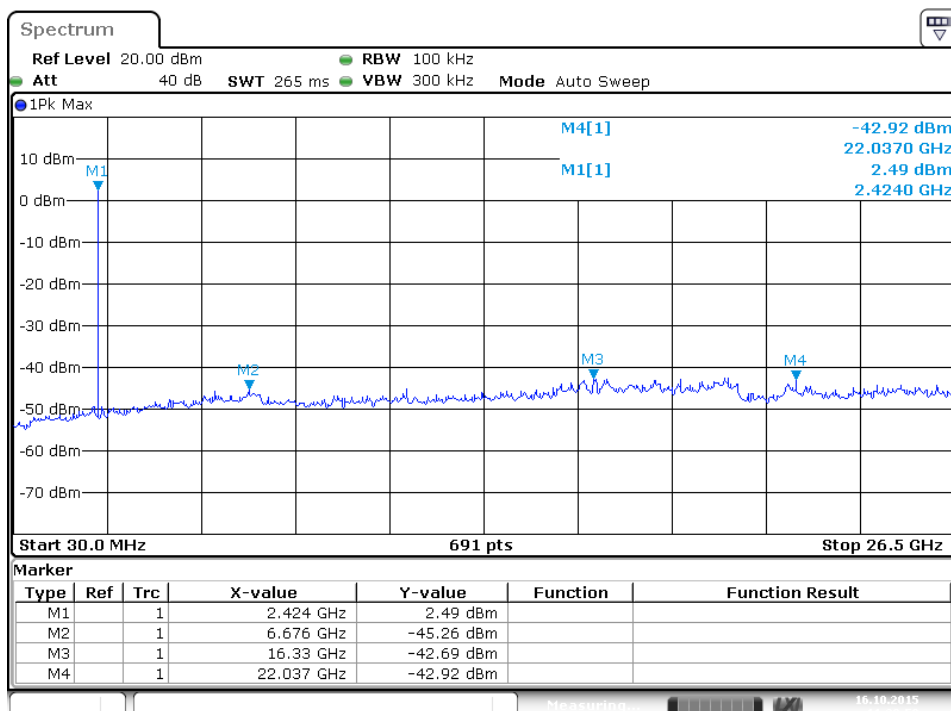
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of Low Energy mode

Low Channel



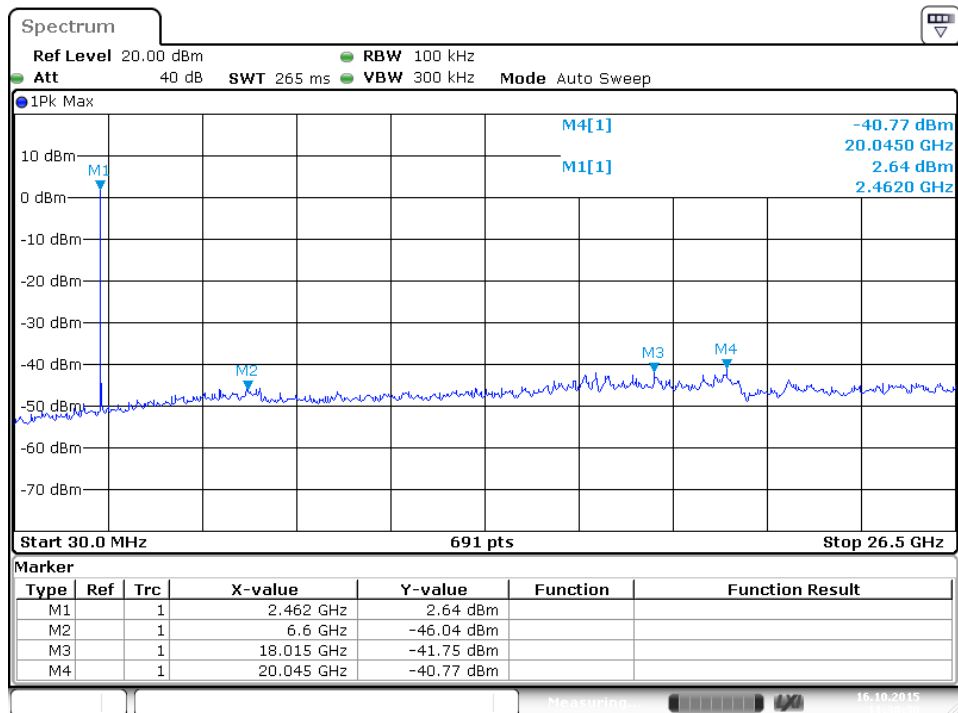
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Middle Channel

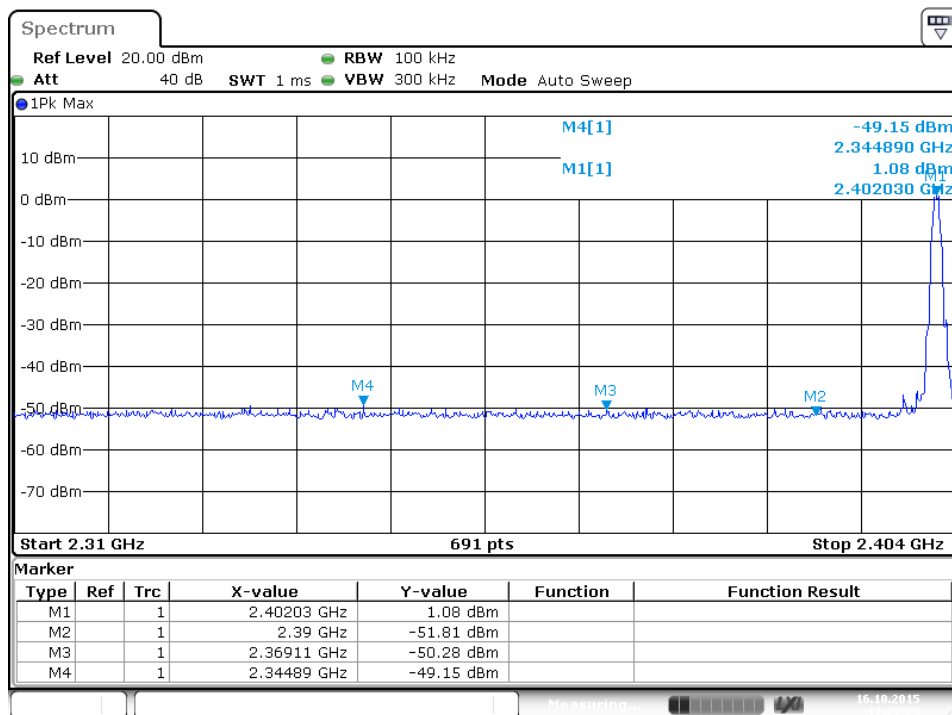


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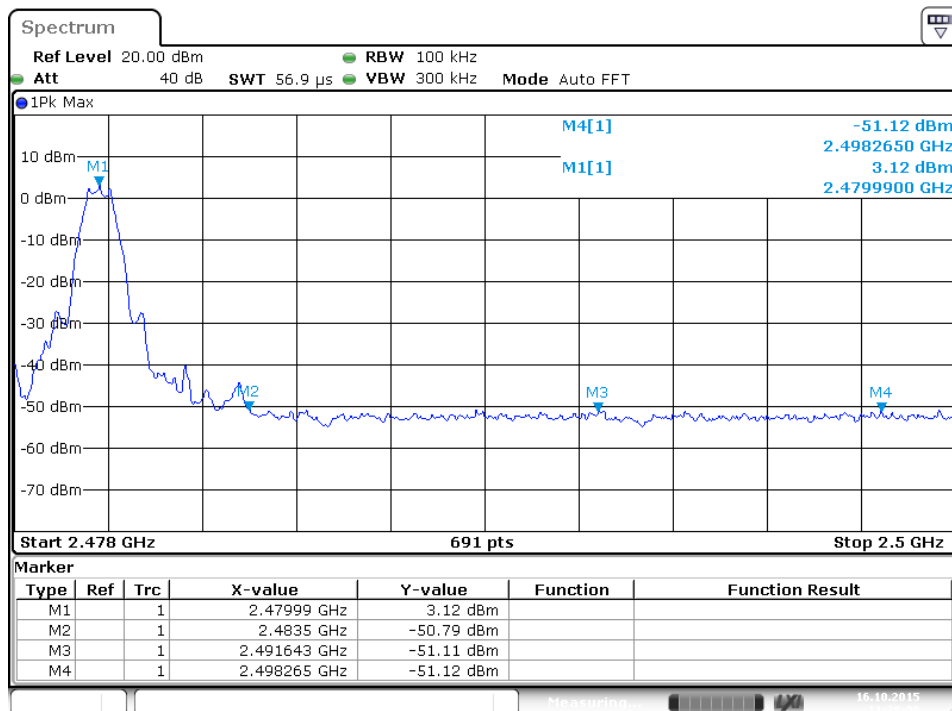
High Channel



Date: 16.OCT.2015 11:30:30

Band Edge


Date: 16.OCT.2015 11:27:23



Date: 16.OCT.2015 11:28:08

Prüfbericht - Nr.: 17053833 001
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5.1.6 Power spectral density

RESULT:**Pass**

Date of testing : 2015-10-16
Test standard : FCC part 15.247(e)
RSS-247 clause 5.2(2)
Basic standard : ANSI C63.10: 2013
Clause 10 of KDB 558074 v03r01
Limit : 8dBm/3kHz
Kind of test site : Shield room

Test setup

Test Channel : Low/ Middle/ High
Operation mode : A.2.a
Ambient temperature : 25°C
Relative humidity : 50%
Atmospheric pressure : 101kPa

Table 13: Test result of power spectral density:

Mode	Channel (MHz)	Result (dBm/3kHz)	Limit (dBm/3kHz)	Conclusion
Bluetooth Low Energy mode	2402	-13.38	8	Pass
	2440	-12.01	8	Pass
	2480	-11.82	8	Pass

Prüfbericht - Nr.: 17053833 001

Test Report No.

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5.1.7 Spurious Emission

RESULT:**Pass**

Date of testing	:	2015-10-18
Test standard	:	FCC part 15.247(d) RSS-Gen
Basic standard	:	ANSI C63.10: 2013 Clause 11 of KDB 558074 v03r01
Limits	:	FCC part 15.209(a)
Kind of test site	:	3m Semi-Anechoic Chamber & Anechoic Chamber

Test setup

Test Channel	:	Low/ Middle/ High
Operation mode	:	A.1.a, A.2.a
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

For details refer to following test plot.

Test Plot of Spurious Emission of Bluetooth 3.0

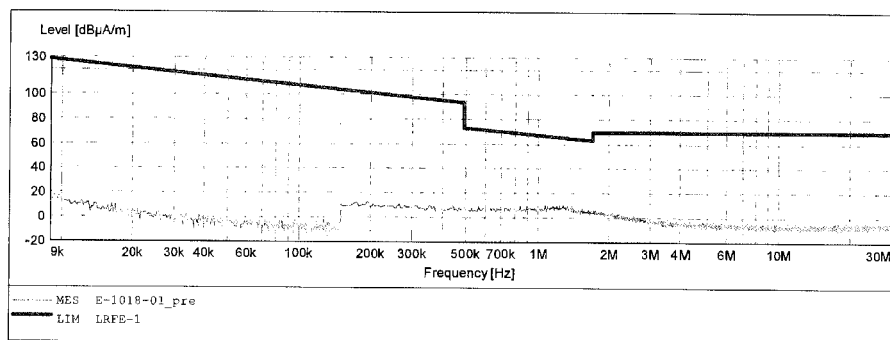
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



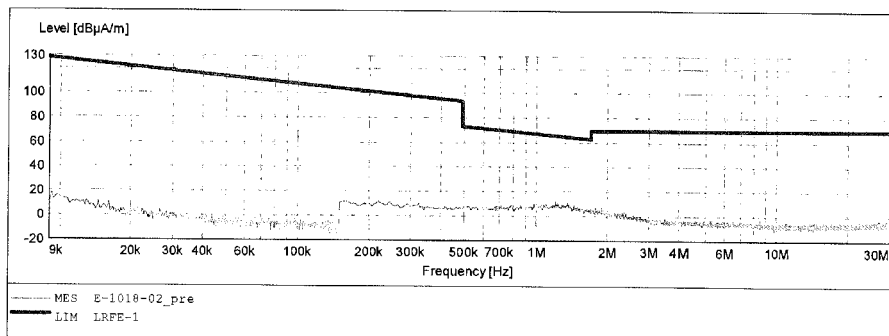
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



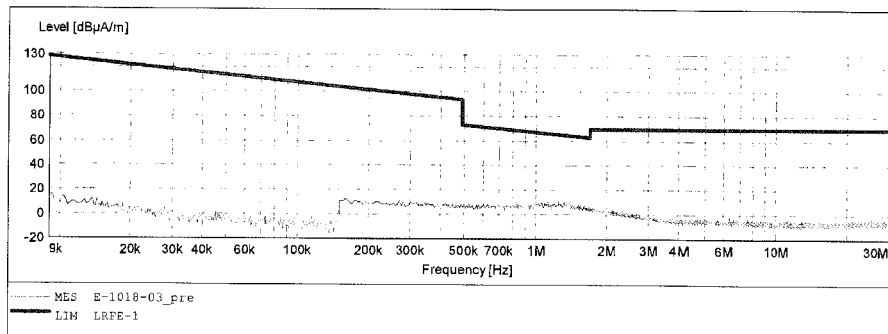
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



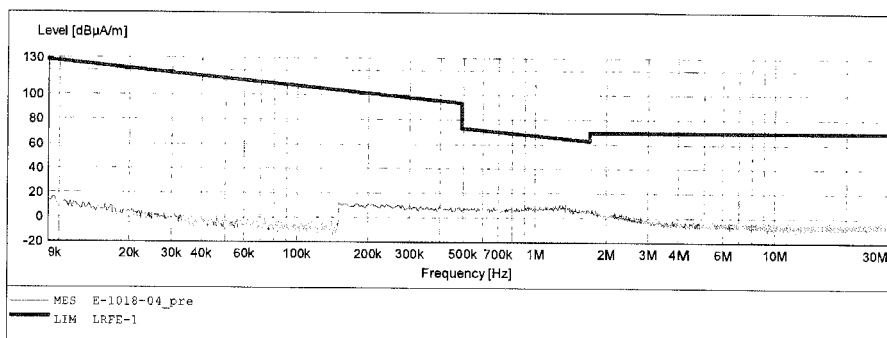
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FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

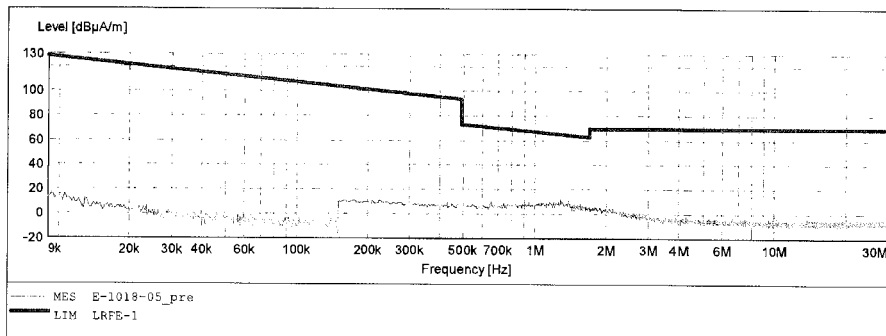


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



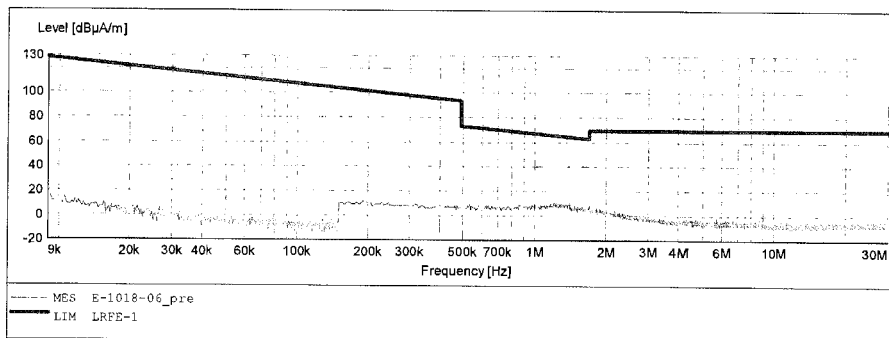
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



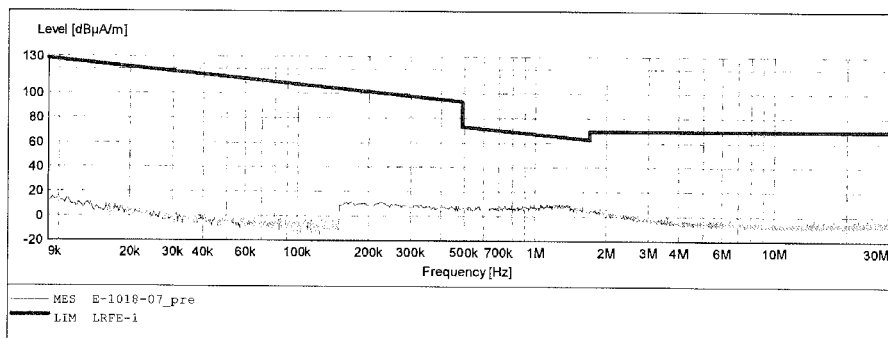
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FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

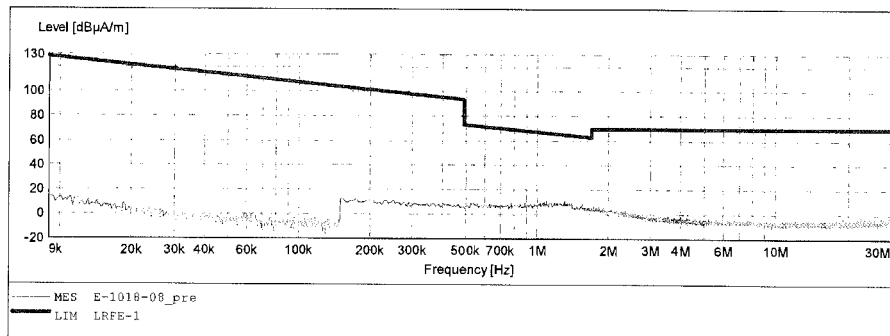


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FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

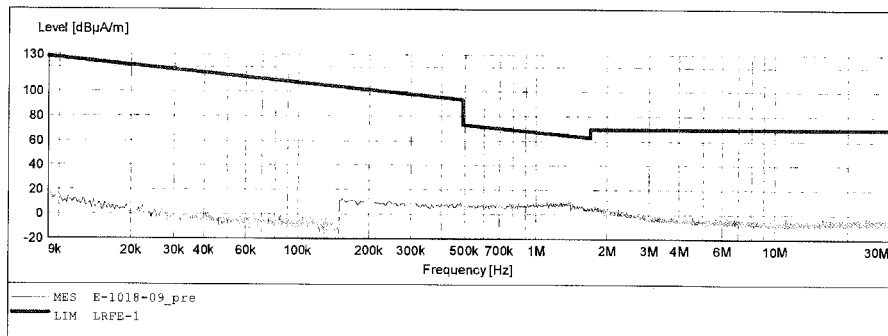


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M




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Site: 2# Chamber

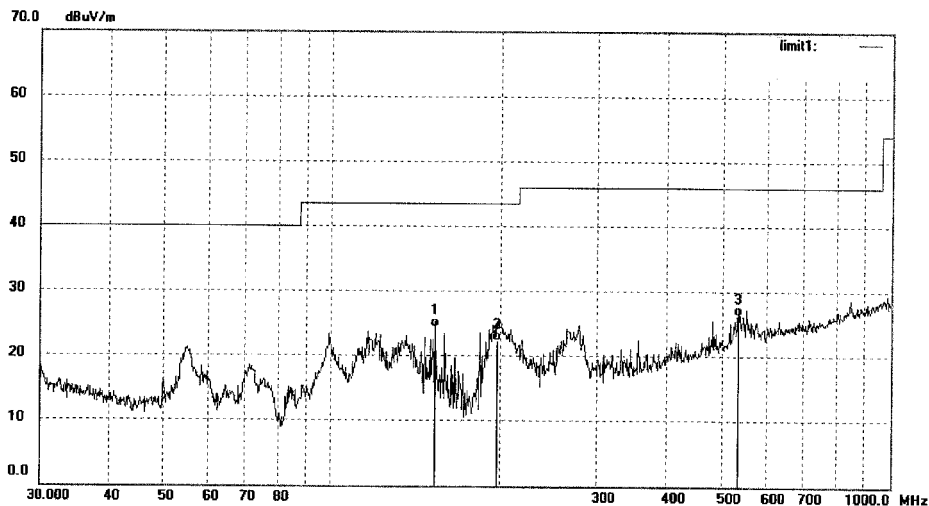
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3051
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.7384	39.46	-15.11	24.35	43.50	-19.15	QP			
2	197.8926	34.79	-12.45	22.34	43.50	-21.16	QP			
3	535.7073	30.29	-3.92	26.37	46.00	-19.63	QP			


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Fax:+86-0755-26503396

Job No.: Ian2015 #3050

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

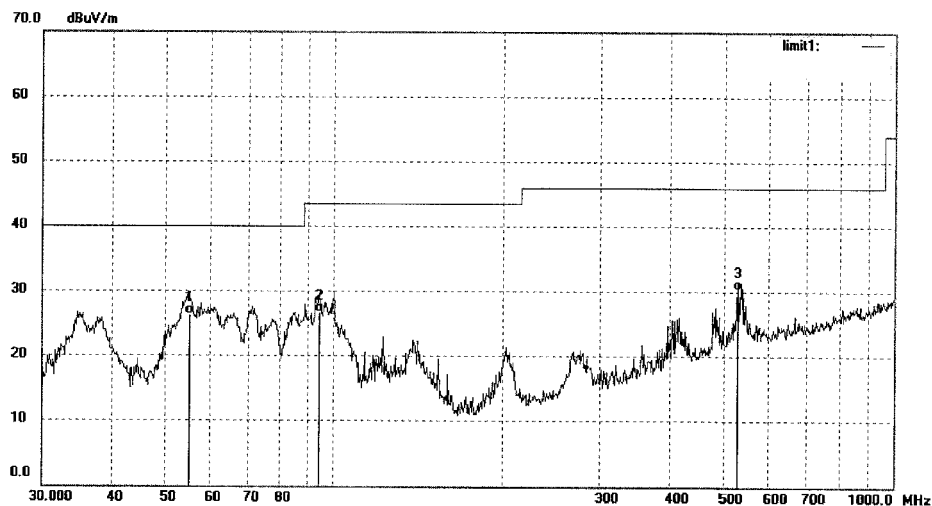
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	54.8348	39.29	-12.97	26.32	40.00	-13.68	QP			
2	94.0978	41.53	-14.86	26.67	43.50	-16.83	QP			
3	528.2458	34.56	-4.22	30.34	46.00	-15.66	QP			


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Site: 2# Chamber

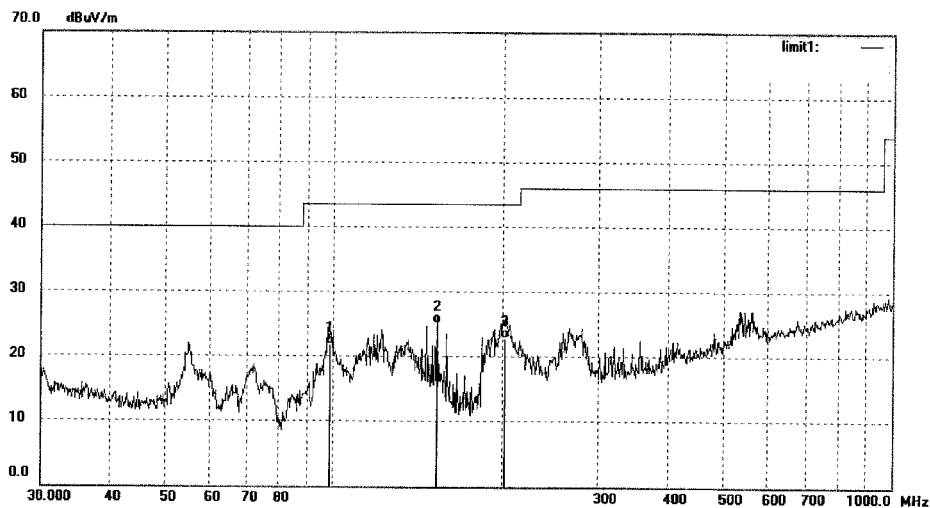
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3052
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	99.1796	35.19	-13.40	21.79	43.50	-21.71	QP			
2	153.7384	40.20	-15.11	25.09	43.50	-18.41	QP			
3	202.8103	35.15	-12.35	22.80	43.50	-20.70	QP			


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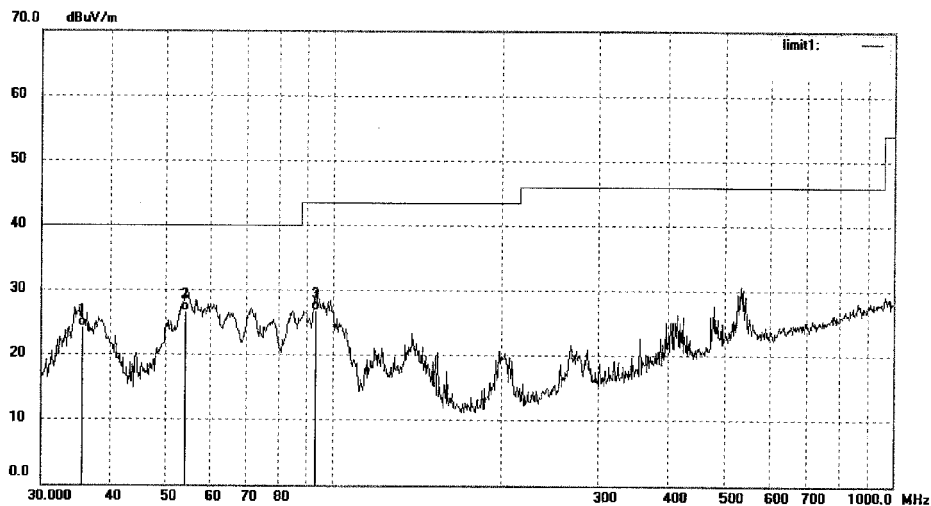
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3053
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.4992	34.82	-10.53	24.29	40.00	-15.71	QP			
2	54.0711	39.68	-12.91	26.77	40.00	-13.23	QP			
3	93.1132	41.75	-14.91	26.84	43.50	-16.66	QP			


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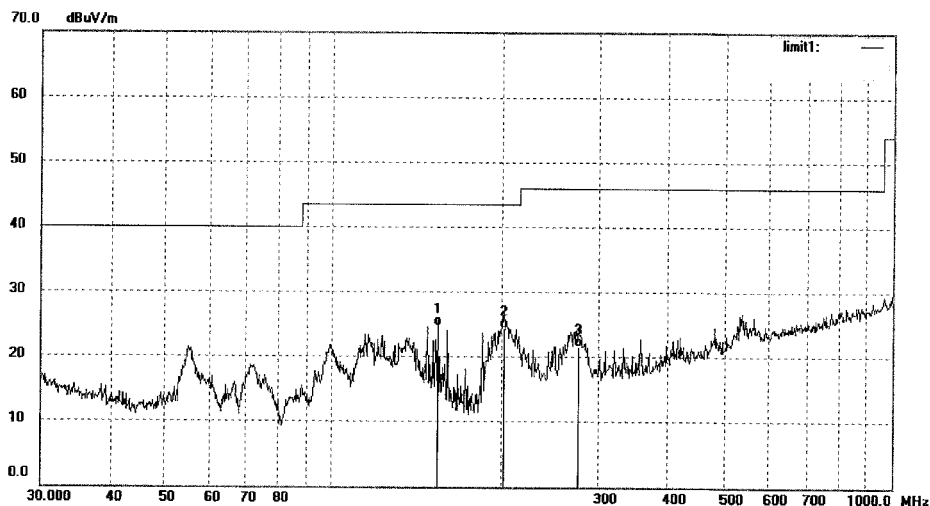
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3055
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.7384	39.83	-15.11	24.72	43.50	-18.78	QP			
2	201.3930	36.89	-12.40	24.49	43.50	-19.01	QP			
3	275.1569	31.55	-9.98	21.57	46.00	-24.43	QP			


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Site: 2# Chamber

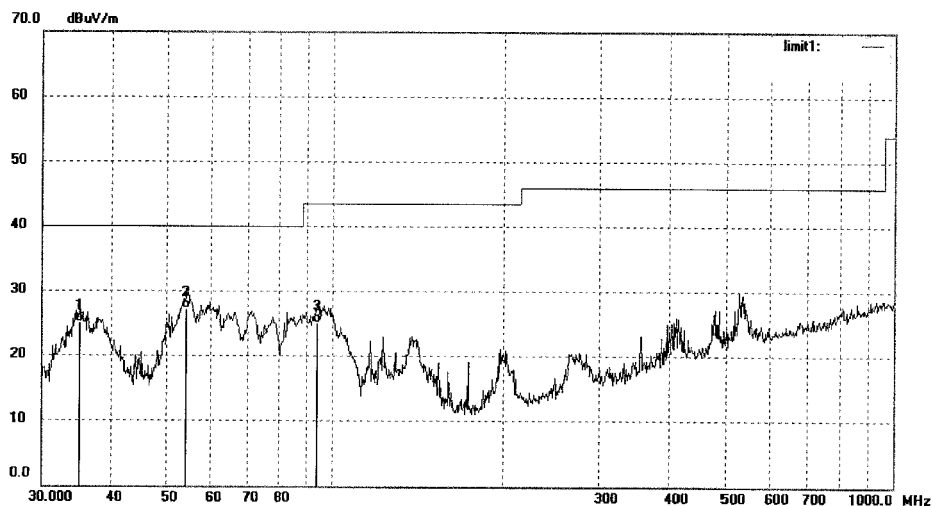
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3054
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.1278	35.58	-10.45	25.13	40.00	-14.87	QP			
2	54.2610	40.21	-12.92	27.29	40.00	-12.71	QP			
3	93.4402	39.95	-14.90	25.05	43.50	-18.45	QP			


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Fax:+86-0755-26503396

Job No.: lan2015 #3018

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

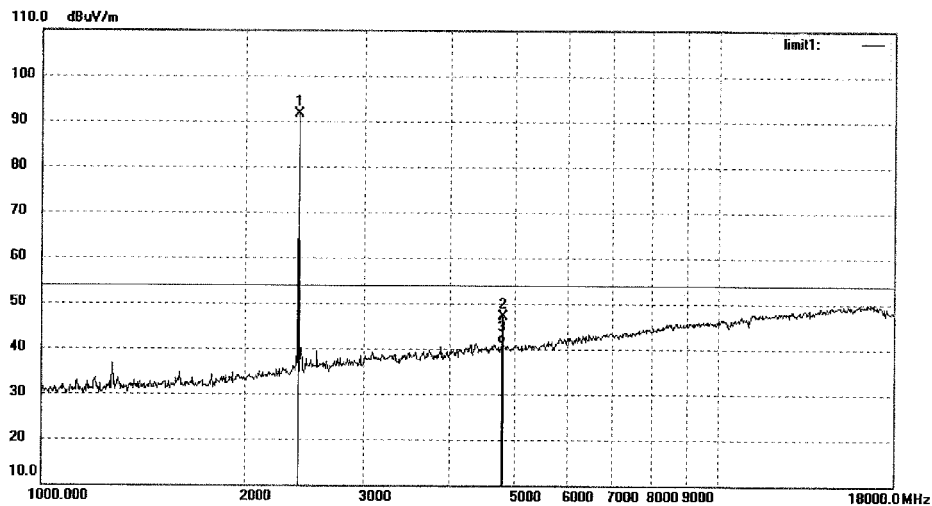
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	99.03	-7.45	91.58	/	/	peak			
2	4804.019	47.50	-0.30	47.20	74.00	-26.80	peak			
3	4804.019	41.45	-0.30	41.15	54.00	-12.85	AVG			


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Fax:+86-0755-26503396

Job No.: lan2015 #3019

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

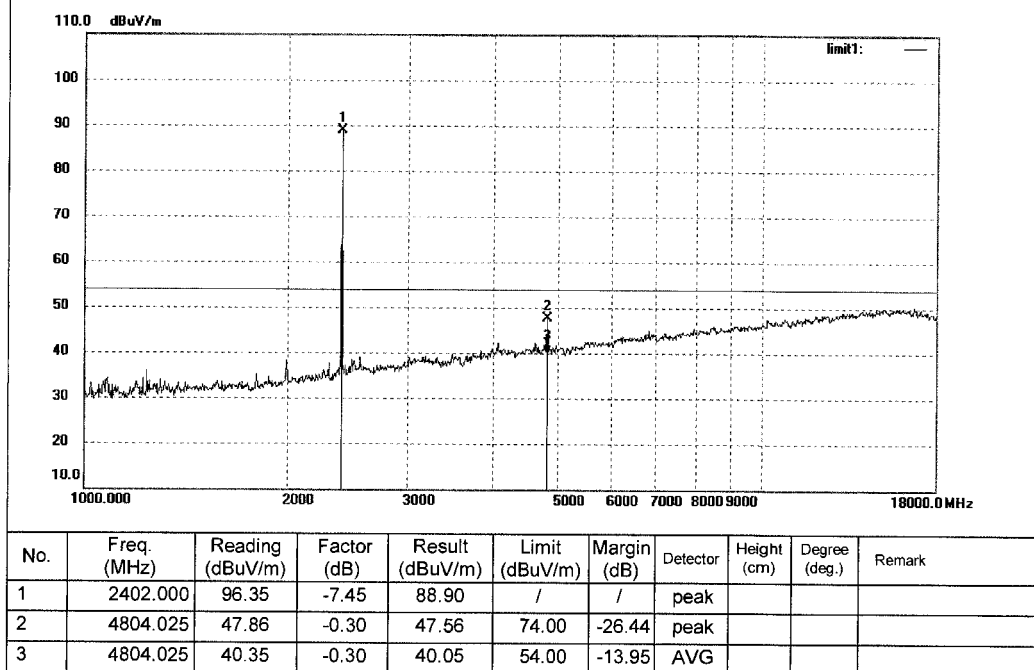
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth




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Fax:+86-0755-26503396

Job No.: lan2015 #3022

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2441MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

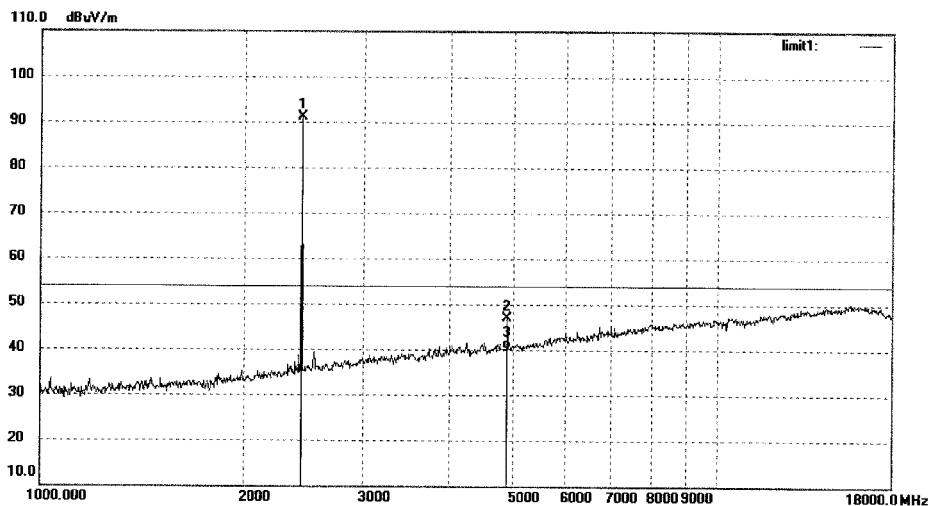
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	98.56	-7.35	91.21	/	/	peak			
2	4882.022	46.63	0.14	46.77	74.00	-27.23	peak			
3	4882.022	40.01	0.14	40.15	54.00	-13.85	AVG			


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Fax:+86-0755-26503396

Job No.: lan2015 #3023

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2441MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

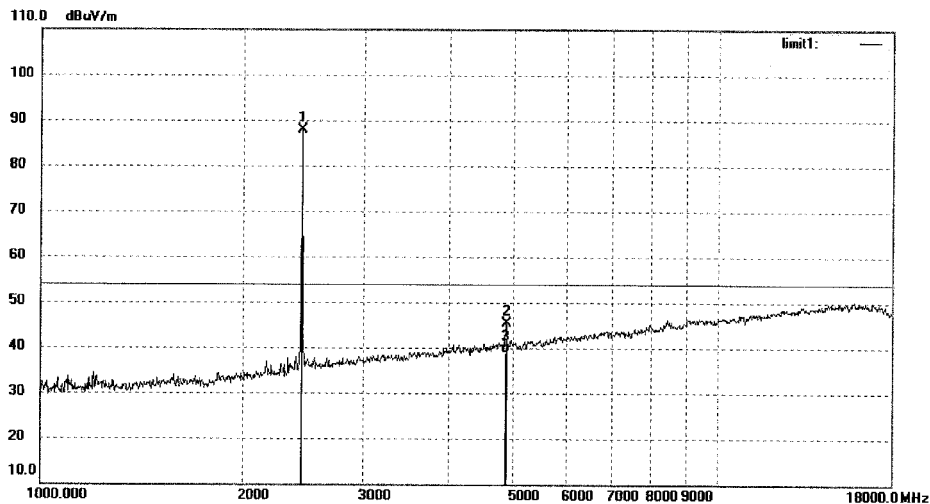
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	95.19	-7.35	87.84	/	/	peak			
2	4882.018	45.23	0.14	45.37	74.00	-28.63	peak			
3	4882.018	38.75	0.14	38.89	54.00	-15.11	AVG			


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Fax:+86-0755-26503396

Job No.: lan2015 #3025

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

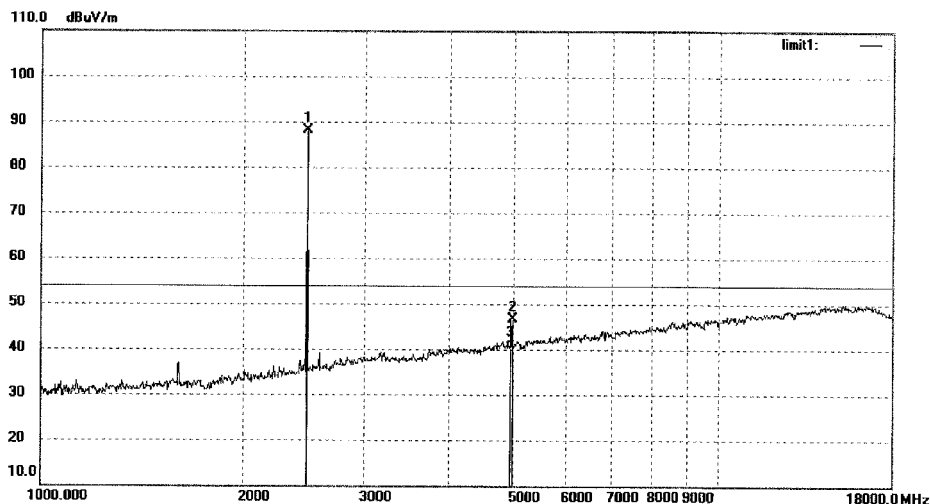
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	95.48	-7.37	88.11	/	/	peak			
2	4960.027	46.14	0.52	46.66	74.00	-27.34	peak			
3	4960.027	39.67	0.52	40.19	54.00	-13.81	AVG			


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Fax:+86-0755-26503396

Job No.: lan2015 #3024

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

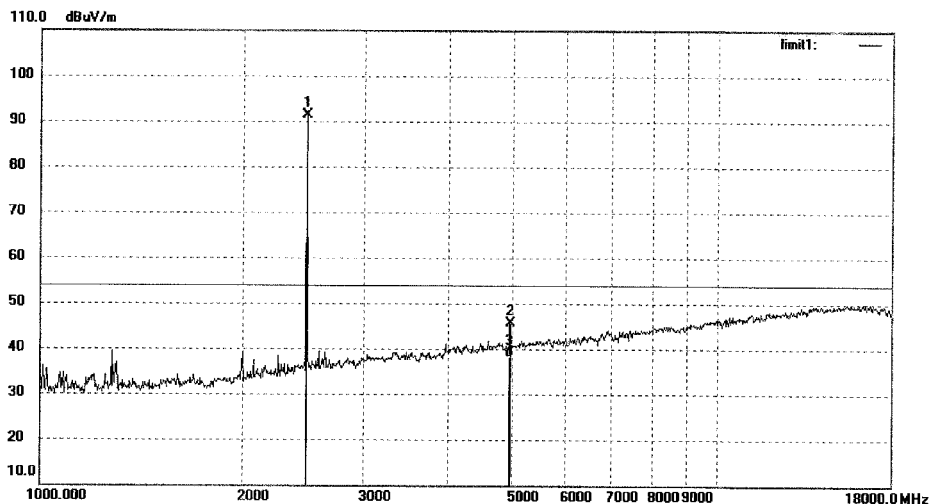
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	98.85	-7.37	91.48	/	/	peak			
2	4960.023	45.01	0.52	45.53	74.00	-28.47	peak			
3	4960.023	37.69	0.52	38.21	54.00	-15.79	AVG			


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Fax:+86-0755-26503396

Job No.: Ian2015 #3038

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

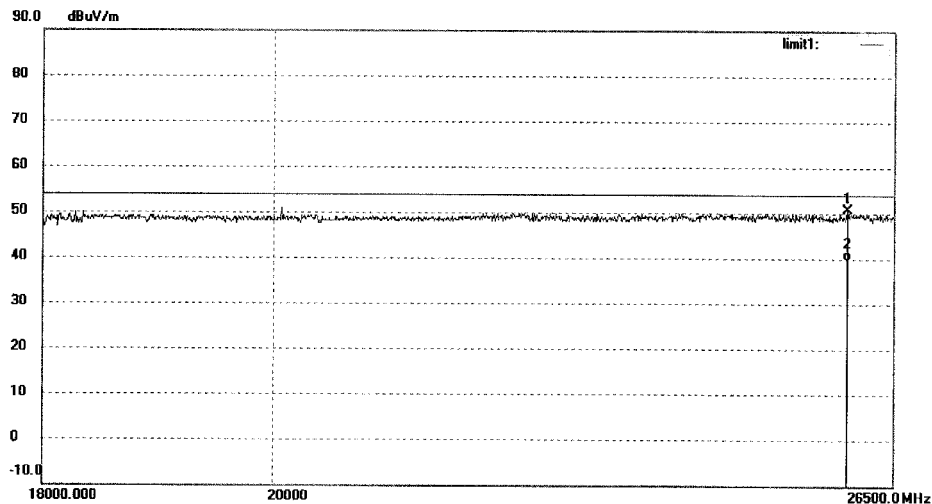
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25952.268	34.16	16.50	50.66	74.00	-23.34	peak			
2	25952.268	23.24	16.50	39.74	54.00	-14.26	AVG			


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Site: 2# Chamber

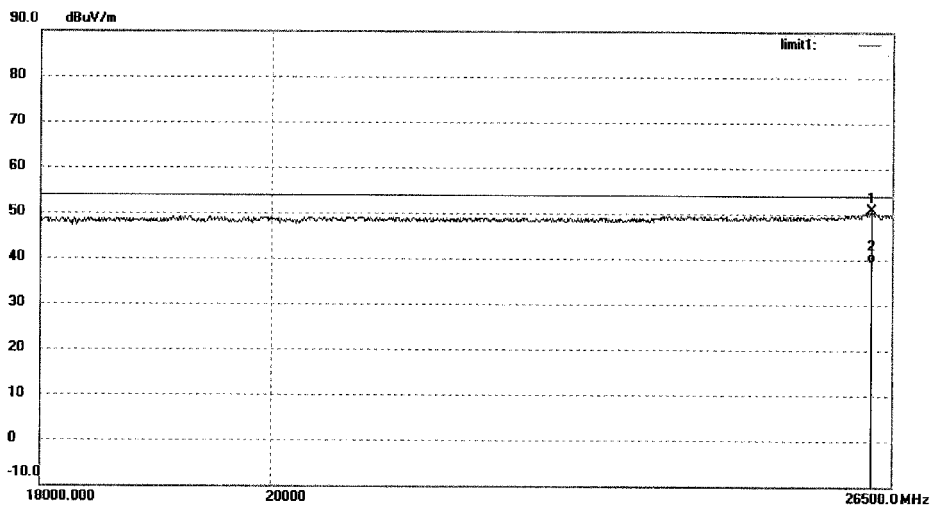
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3039
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26265.307	34.36	16.50	50.86	74.00	-23.14	peak			
2	26265.307	22.96	16.50	39.46	54.00	-14.54	AVG			


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Site: 2# Chamber

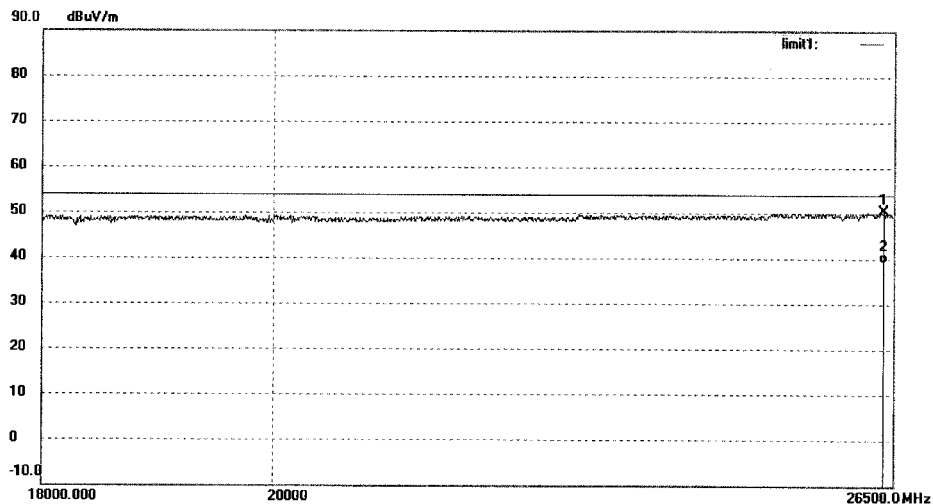
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3041
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26387.495	33.99	16.50	50.49	74.00	-23.51	peak			
2	26387.495	22.63	16.50	39.13	54.00	-14.87	AVG			


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Job No.: lan2015 #3040

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2441MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

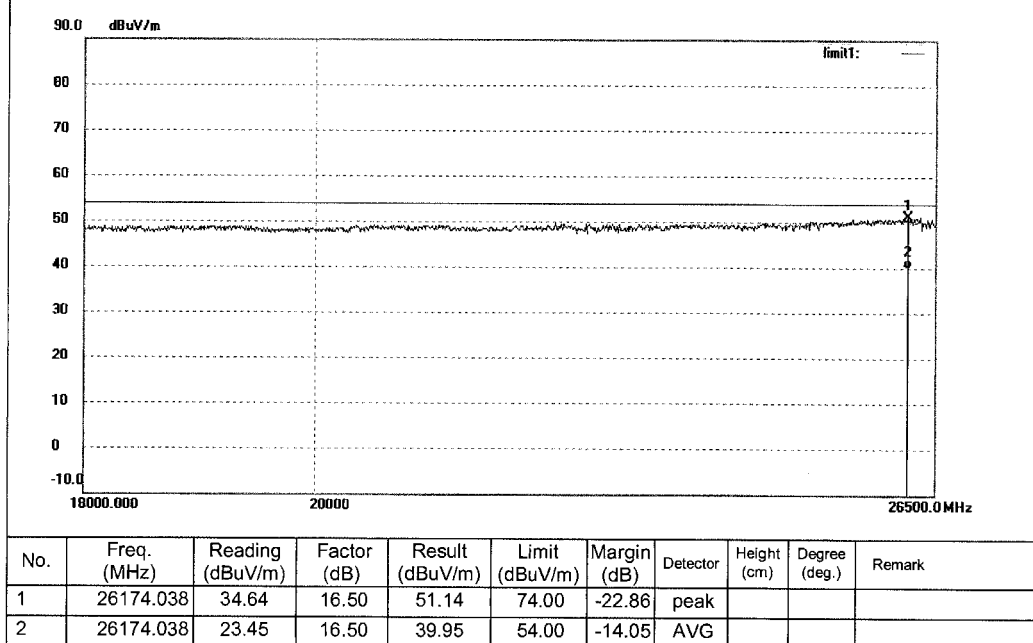
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth




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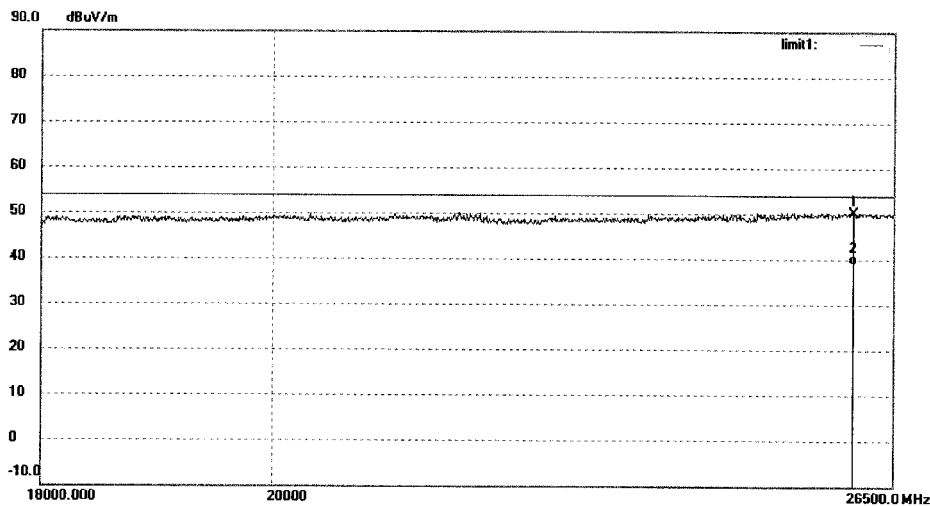
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3042
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26032.693	33.74	16.50	50.24	74.00	-23.76	peak			
2	26032.693	22.47	16.50	38.97	54.00	-15.03	AVG			


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Site: 2# Chamber

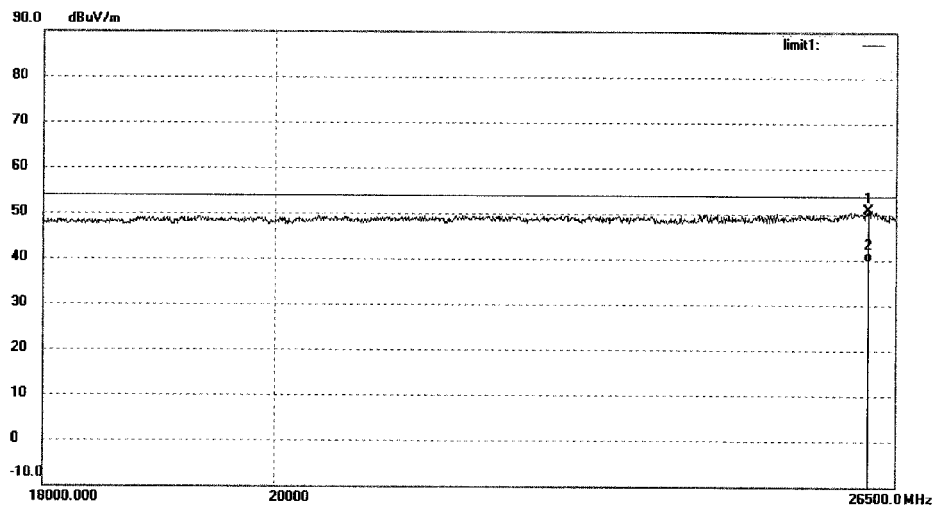
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3043
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26184.163	34.44	16.50	50.94	74.00	-23.06	peak			
2	26184.163	23.15	16.50	39.65	54.00	-14.35	AVG			

Prüfbericht - Nr.: 17053833 001
Test Report No.
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Test Plot of Band Edge of Bluetooth 3.0


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Job No.: lan2015 #3021

Polarization: Horizontal

Standard: FCC (Bnad Edge)

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 15/10/17/

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Multimedia Speaker

Engineer Signature: PEI

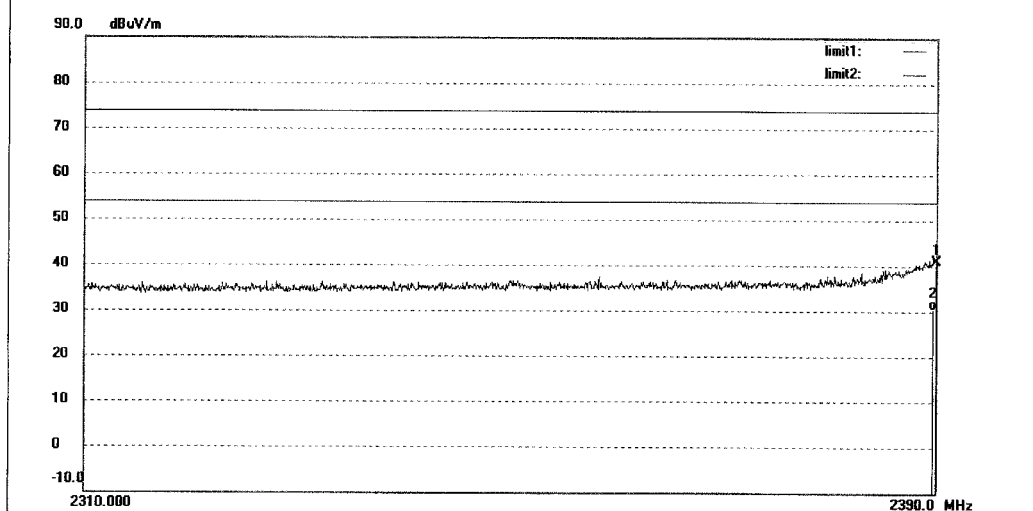
Mode: TX 2402MHz

Distance: 3m

Model: S1000

Manufacturer: Edifier

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	48.44	-7.53	40.91	74.00	-33.09	peak			
2	2390.000	37.90	-7.53	30.37	54.00	-23.63	AVG			


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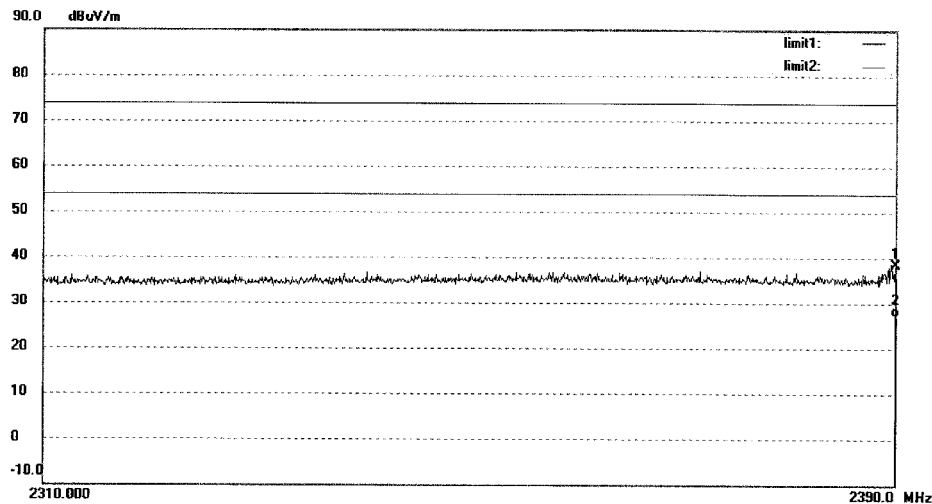
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3020
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	45.89	-7.53	38.36	74.00	-35.64	peak			
2	2390.000	34.69	-7.53	27.16	54.00	-26.84	AVG			


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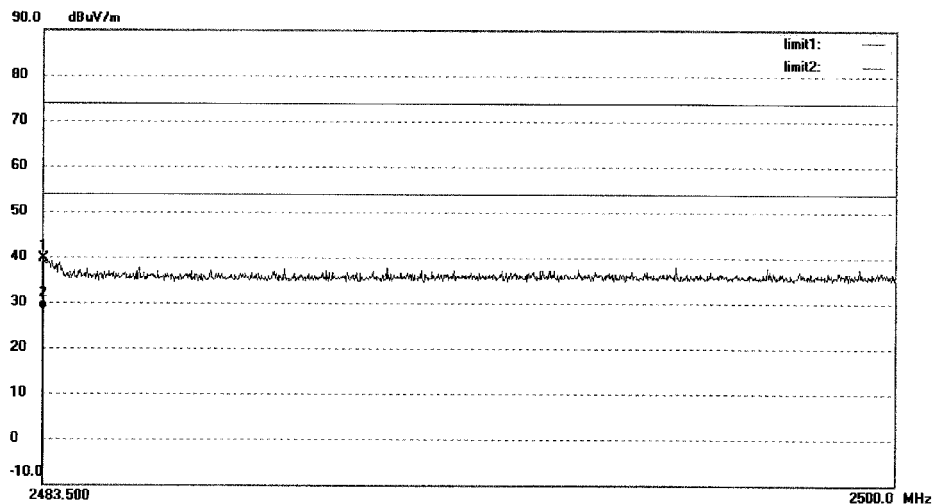
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3026
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.88	-7.37	39.51	74.00	-34.49	peak			
2	2483.500	35.76	-7.37	28.39	54.00	-25.61	AVG			


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Site: 2# Chamber

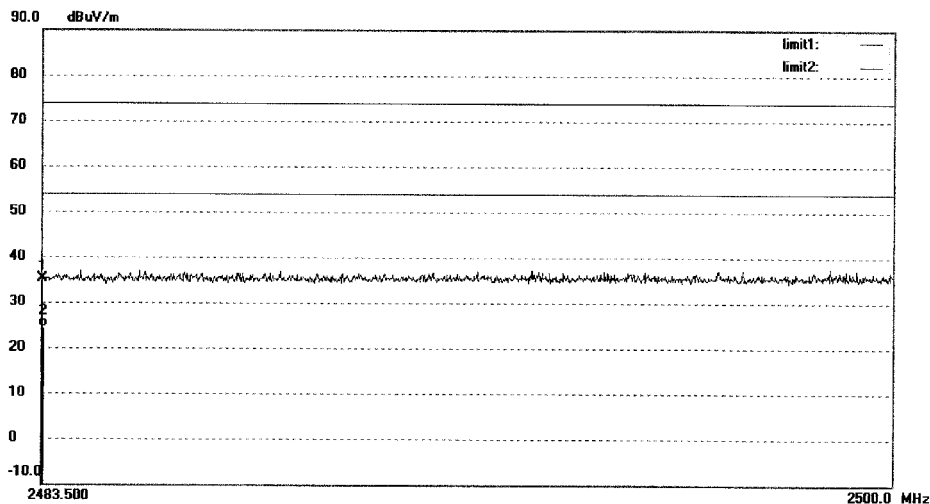
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3027
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	42.61	-7.37	35.24	74.00	-38.76	peak			
2	2483.500	31.64	-7.37	24.27	54.00	-29.73	AVG			

Test Plot of Spurious Emission of Bluetooth Low Energy mode

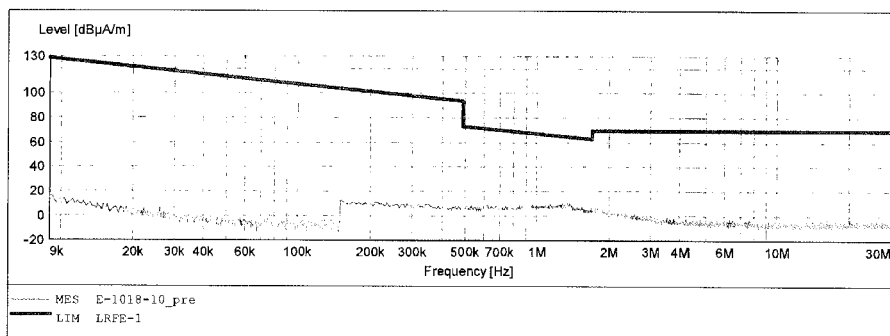
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

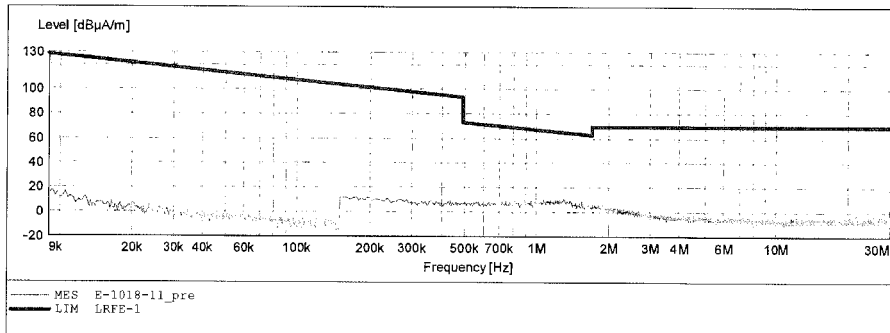


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



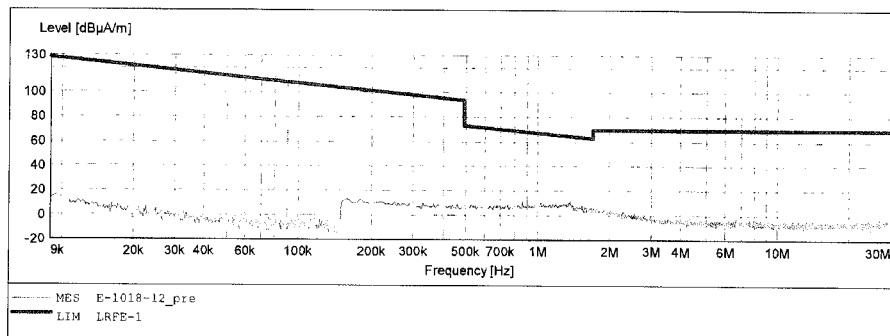
ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

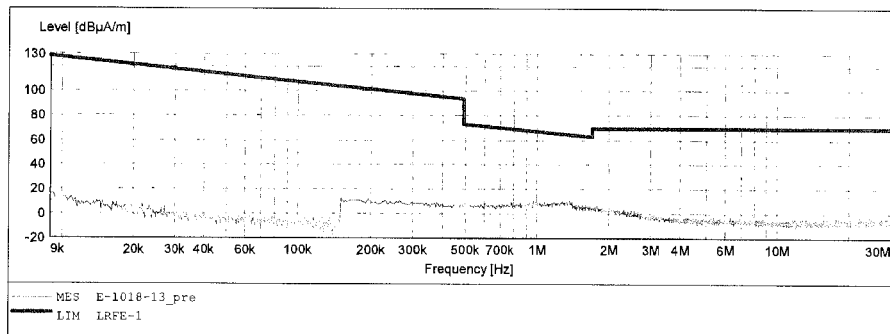


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

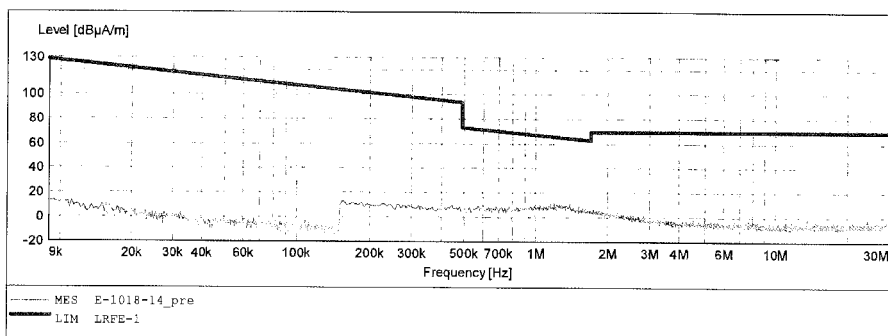


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

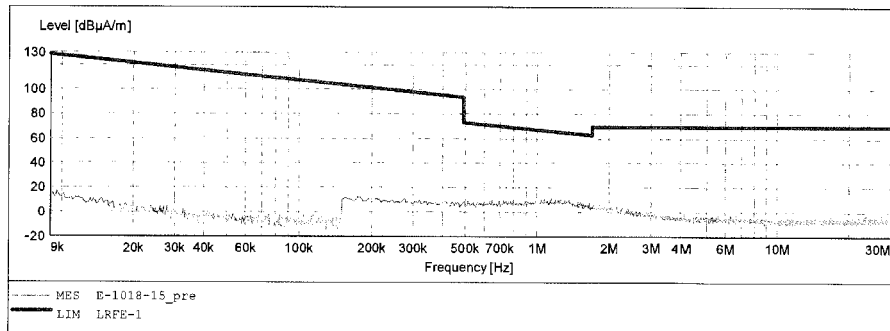


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FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB_STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

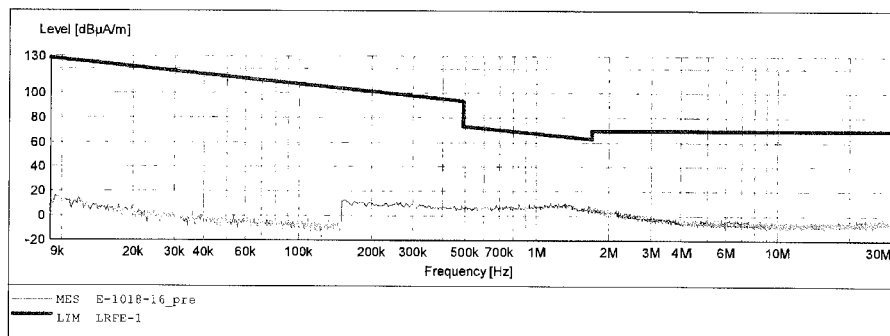


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB_STD_VTERM2 1.70				
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer	
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M	
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M	

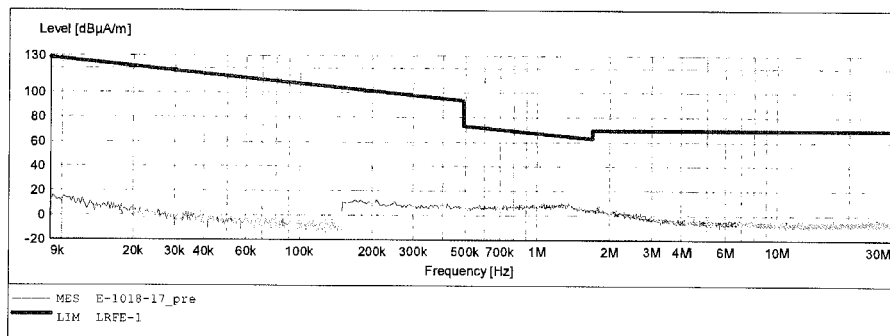


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FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			_SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M

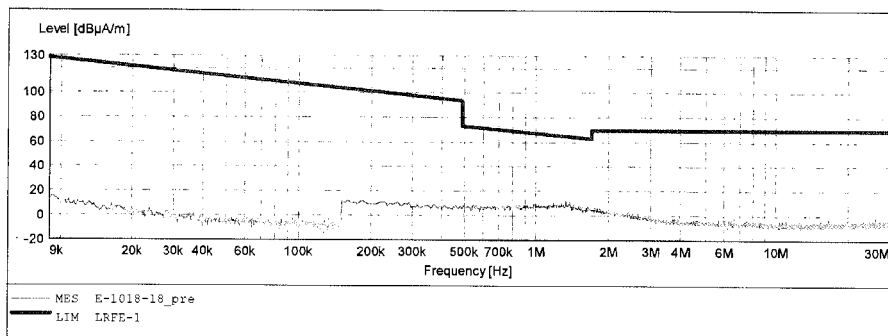


ACCURATE TECHNOLOGY CO.,LTD
FCC Class B 3m Radiated

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2015-10-18 /

SCAN TABLE: "LFRE Fin"

Short Description:			SUB STD VTERM2 1.70			
Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M




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Job No.: Ian2015 #3056

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

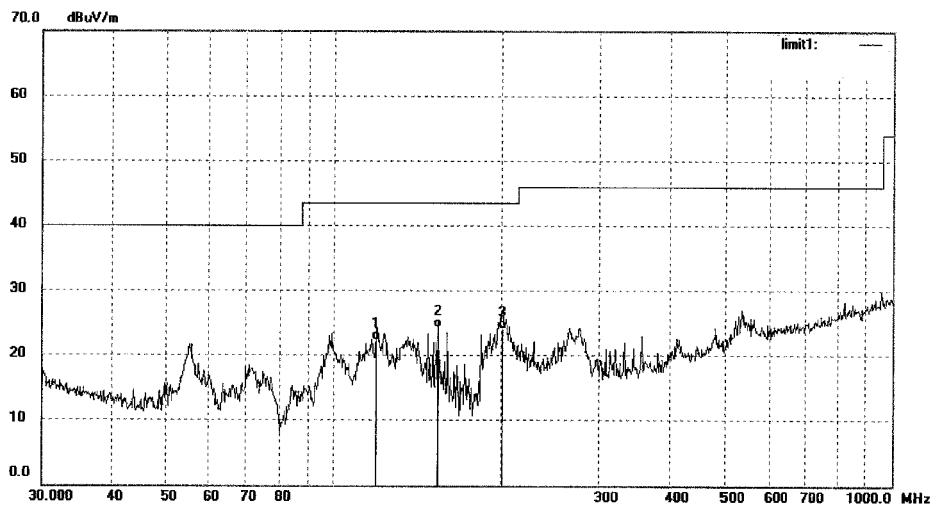
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	118.6013	35.46	-13.14	22.32	43.50	-21.18	QP			
2	153.7384	39.38	-15.11	24.27	43.50	-19.23	QP			
3	201.3930	36.47	-12.40	24.07	43.50	-19.43	QP			


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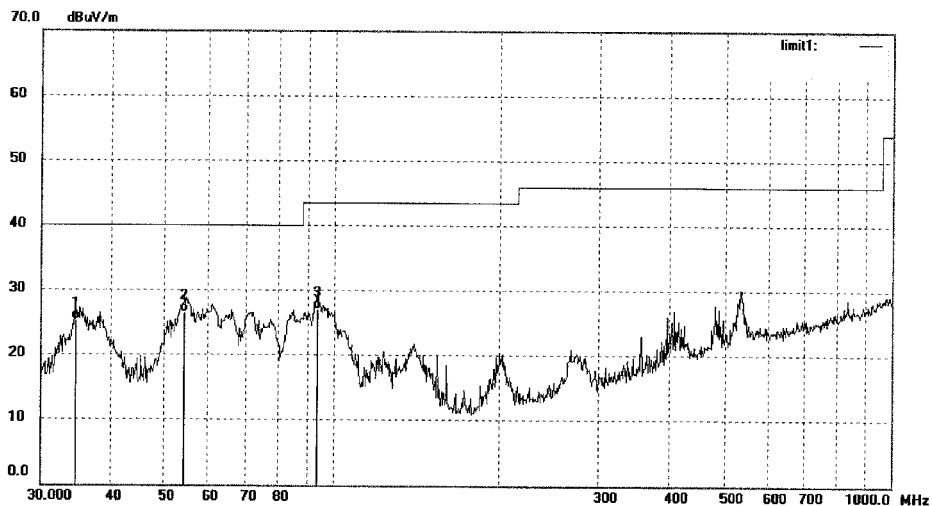
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3057
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.5172	35.54	-10.28	25.26	40.00	-14.74	QP			
2	54.2610	39.48	-12.92	26.56	40.00	-13.44	QP			
3	93.7685	41.83	-14.87	26.96	43.50	-16.54	QP			


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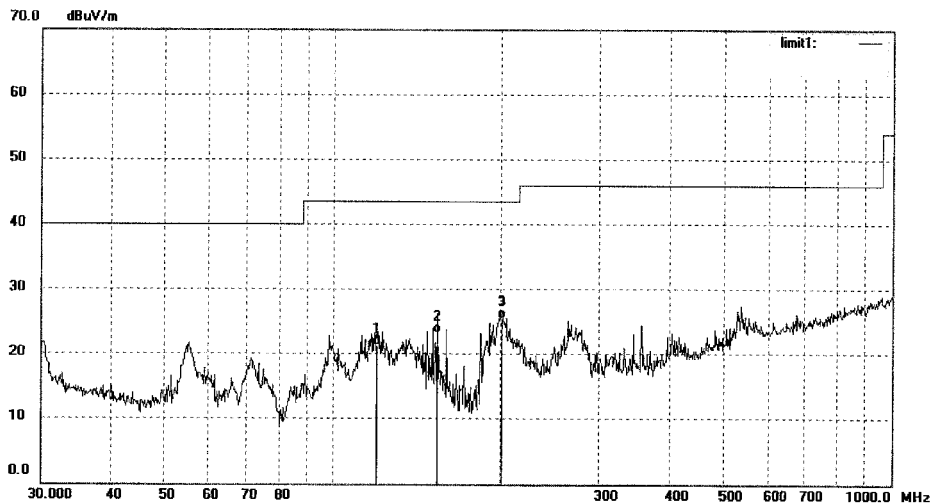
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3059
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.4360	34.37	-13.15	21.22	43.50	-22.28	QP			
2	153.7384	38.34	-15.11	23.23	43.50	-20.27	QP			
3	201.3930	37.83	-12.40	25.43	43.50	-18.07	QP			


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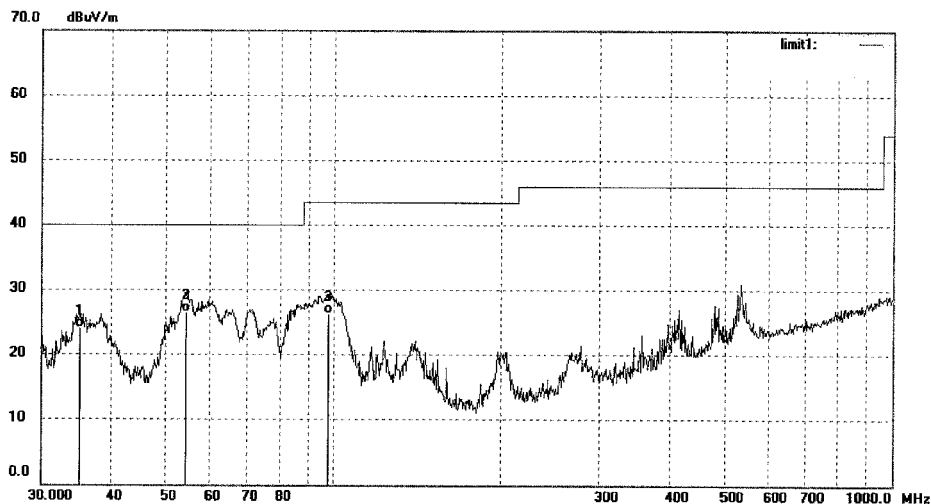
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3058
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.1278	34.57	-10.45	24.12	40.00	-15.88	QP			
2	54.4515	39.47	-12.94	26.53	40.00	-13.47	QP			
3	97.7982	40.25	-13.87	26.38	43.50	-17.12	QP			


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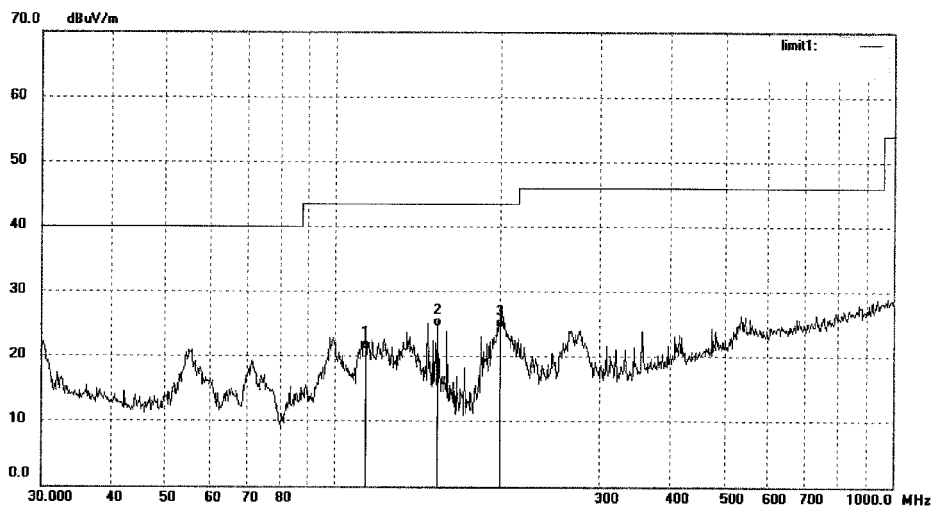
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3060
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	113.7142	34.40	-13.34	21.06	43.50	-22.44	QP			
2	153.7384	39.62	-15.11	24.51	43.50	-18.99	QP			
3	199.9856	36.94	-12.44	24.50	43.50	-19.00	QP			


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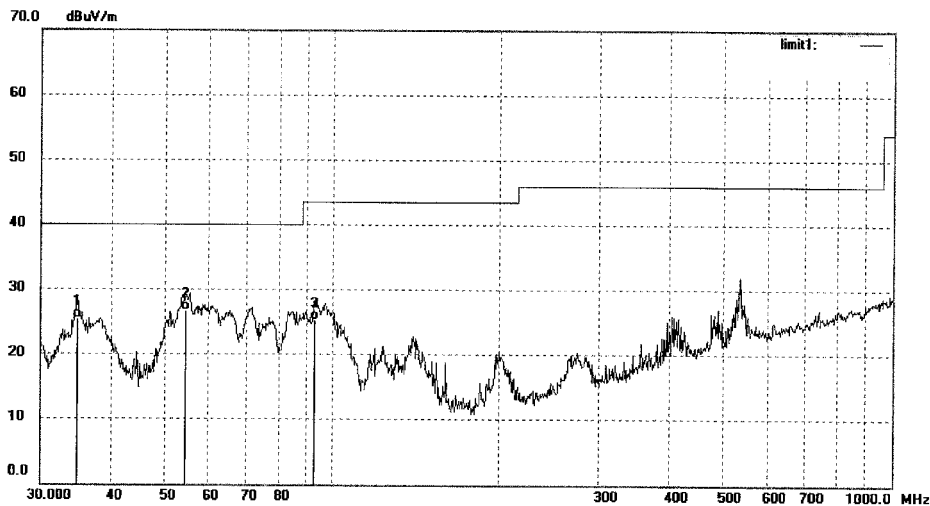
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3061
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	34.8823	35.77	-10.38	25.39	40.00	-14.61	QP			
2	54.4515	39.67	-12.94	26.73	40.00	-13.27	QP			
3	92.7871	40.19	-14.93	25.26	43.50	-18.24	QP			


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Job No.: lan2015 #3029

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

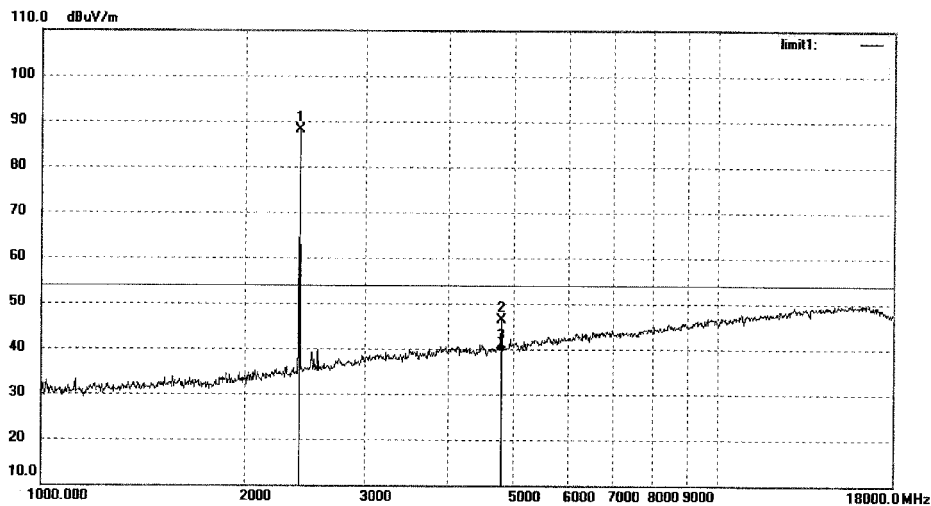
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	95.64	-7.45	88.19	/	/	peak			
2	4804.025	46.60	-0.30	46.30	74.00	-27.70	peak			
3	4804.025	39.58	-0.30	39.28	54.00	-14.72	AVG			


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Job No.: lan2015 #3028

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

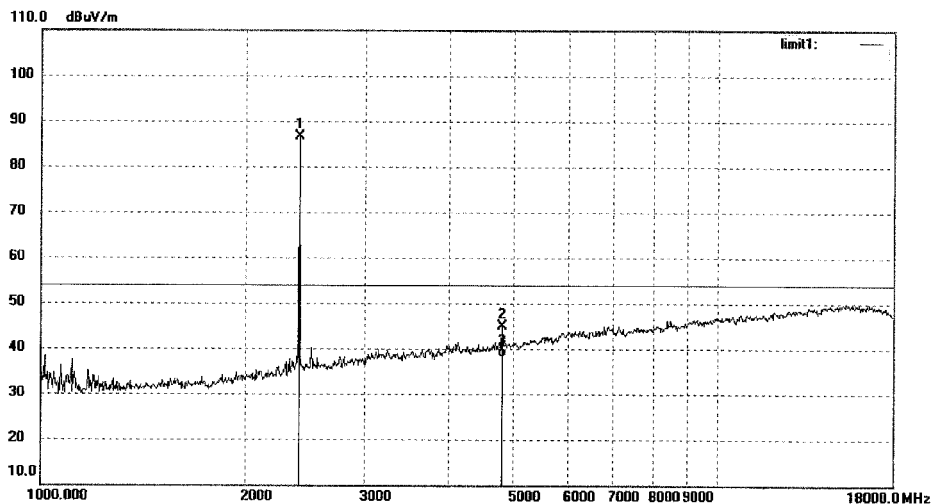
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2402.000	94.09	-7.45	86.64	/	/	peak			
2	4804.021	45.30	-0.30	45.00	74.00	-29.00	peak			
3	4804.021	38.52	-0.30	38.22	54.00	-15.78	AVG			


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Job No.: lan2015 #3033

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2440MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

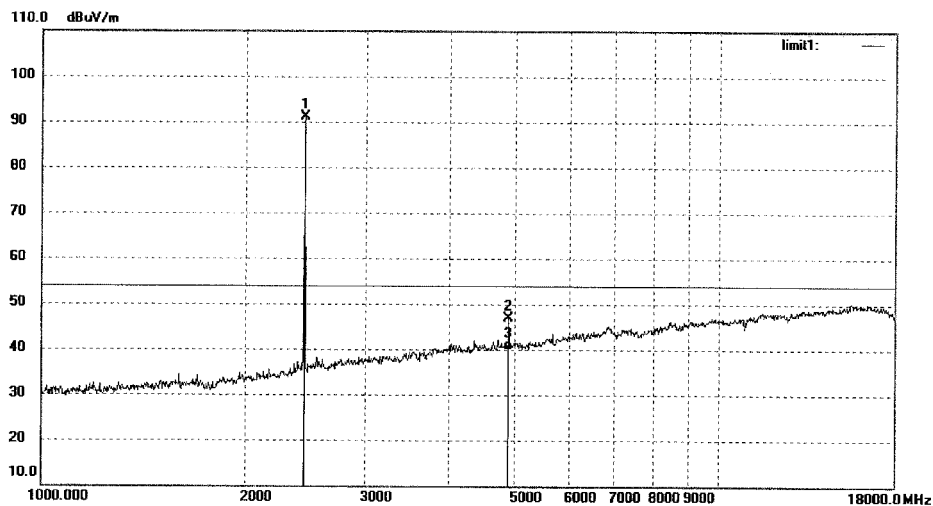
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	98.57	-7.36	91.21	/	/	peak			
2	4880.021	46.87	0.13	47.00	74.00	-27.00	peak			
3	4880.021	39.75	0.13	39.88	54.00	-14.12	AVG			


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Job No.: Ian2015 #3032

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2440MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

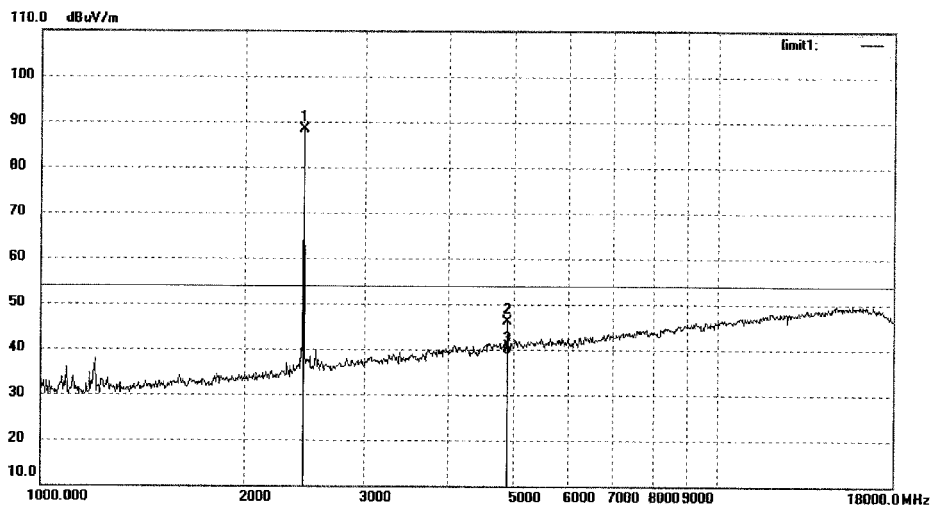
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2440.000	95.65	-7.36	88.29	/	/	peak			
2	4880.020	45.93	0.13	46.06	74.00	-27.94	peak			
3	4880.020	38.69	0.13	38.82	54.00	-15.18	AVG			


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Job No.: Ian2015 #3034

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

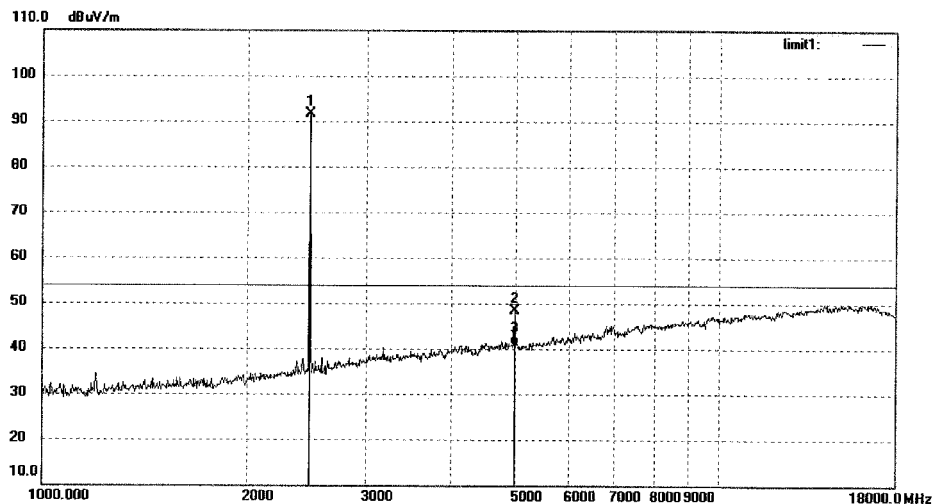
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	99.09	-7.37	91.72	/	/	peak			
2	4960.022	47.84	0.52	48.36	74.00	-25.64	peak			
3	4960.022	40.35	0.52	40.87	54.00	-13.13	AVG			


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Fax:+86-0755-26503396

Job No.: lan2015 #3035

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

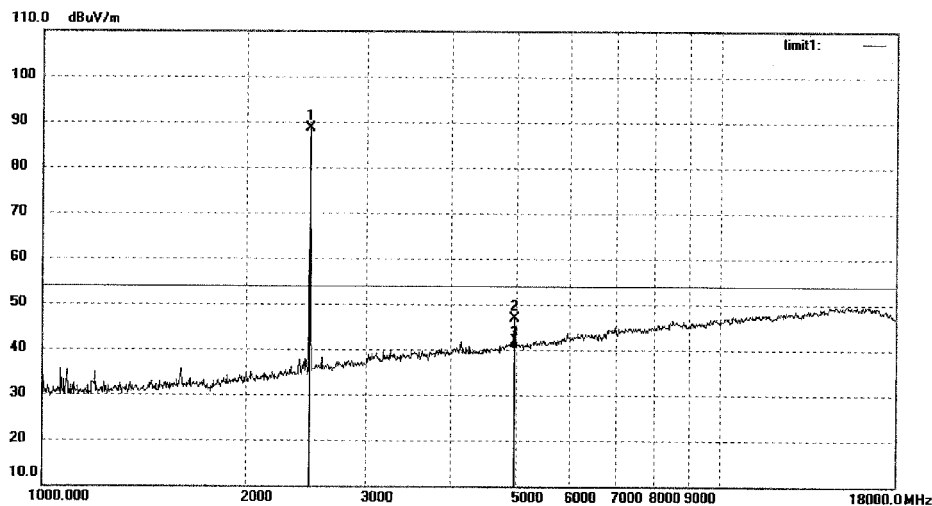
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2480.000	95.98	-7.37	88.61	/	/	peak			
2	4960.023	46.31	0.52	46.83	74.00	-27.17	peak			
3	4960.023	39.55	0.52	40.07	54.00	-13.93	AVG			


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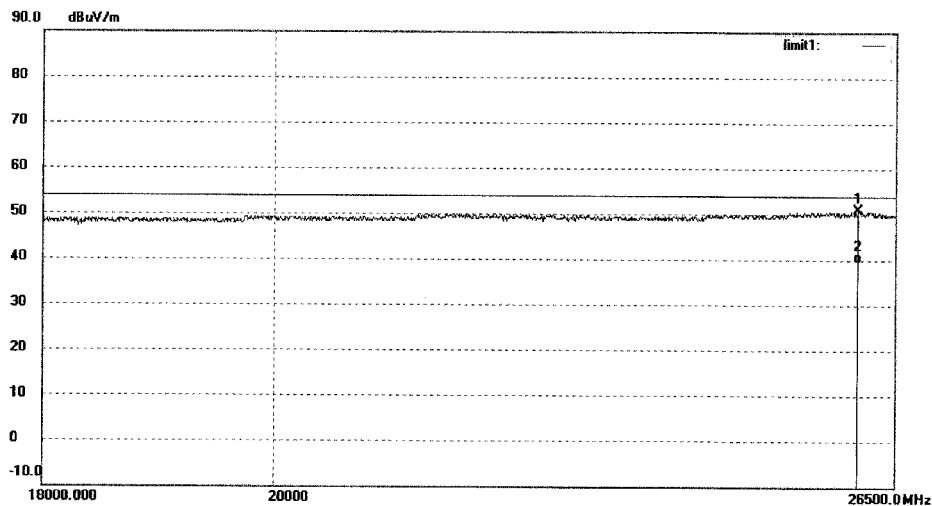
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3045
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26062.917	34.49	16.50	50.99	74.00	-23.01	peak			
2	26062.917	22.97	16.50	39.47	54.00	-14.53	AVG			


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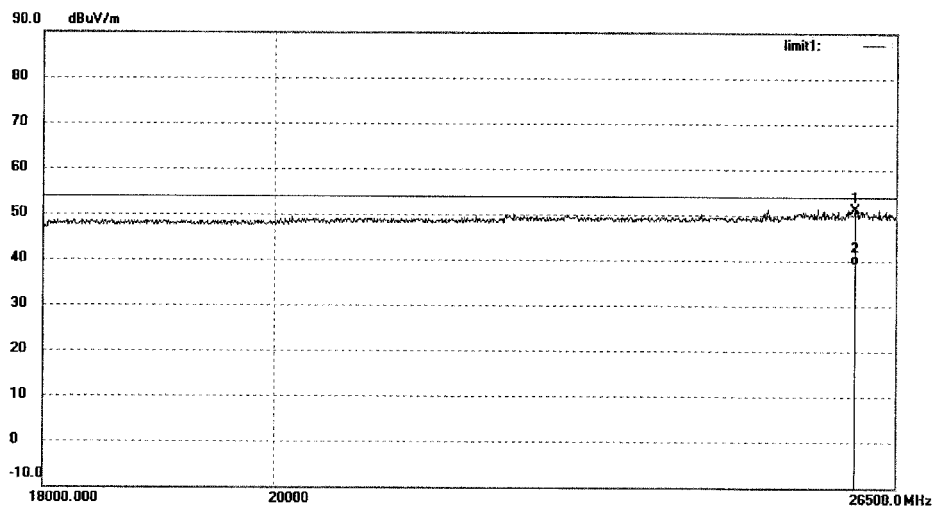
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3044
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26022.626	34.68	16.50	51.18	74.00	-22.82	peak			
2	26022.626	22.58	16.50	39.08	54.00	-14.92	AVG			


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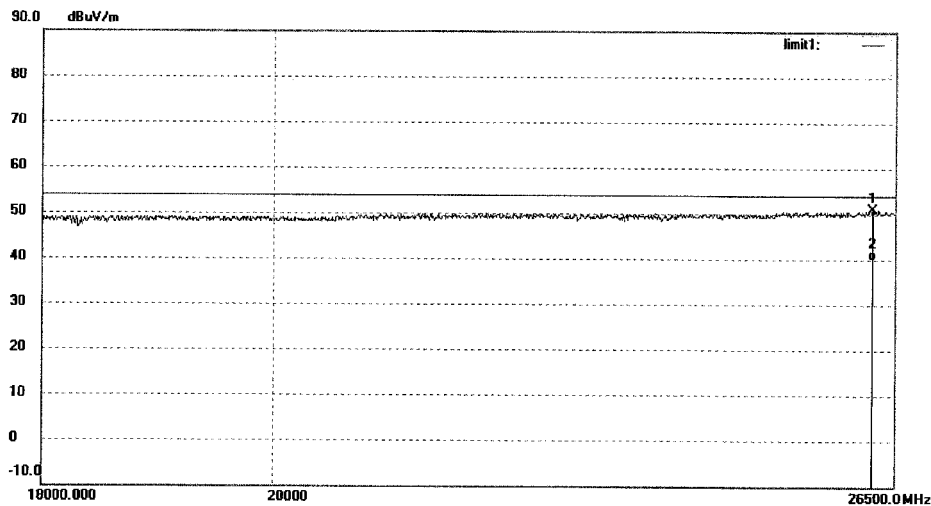
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3046
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26234.849	34.44	16.50	50.94	74.00	-23.06	peak			
2	26234.849	23.31	16.50	39.81	54.00	-14.19	AVG			


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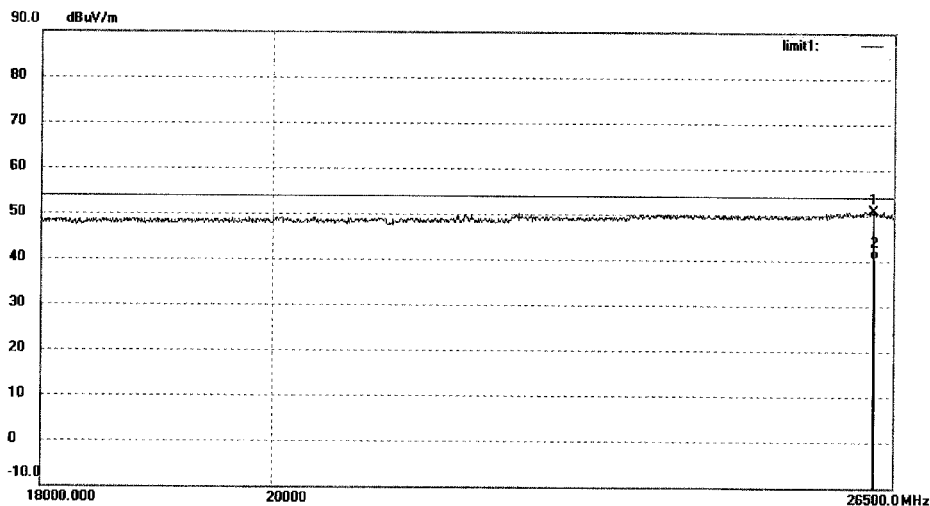
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3047
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26265.307	34.46	16.50	50.96	74.00	-23.04	peak			
2	26265.307	23.85	16.50	40.35	54.00	-13.65	AVG			


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Fax:+86-0755-26503396

Job No.: Ian2015 #3049

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

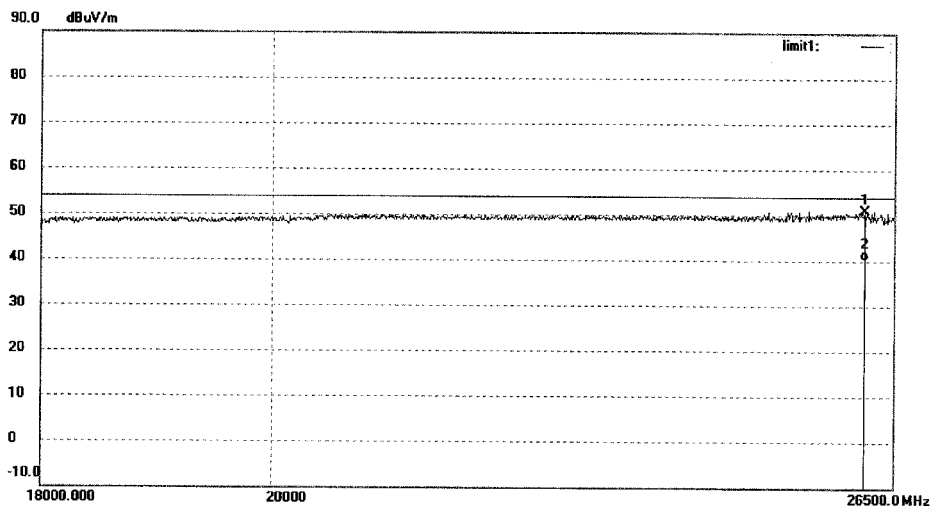
Date: 15/10/17/

Time:

Engineer Signature: PEI

Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26153.799	34.45	16.50	50.95	74.00	-23.05	peak			
2	26153.799	23.64	16.50	40.14	54.00	-13.86	AVG			


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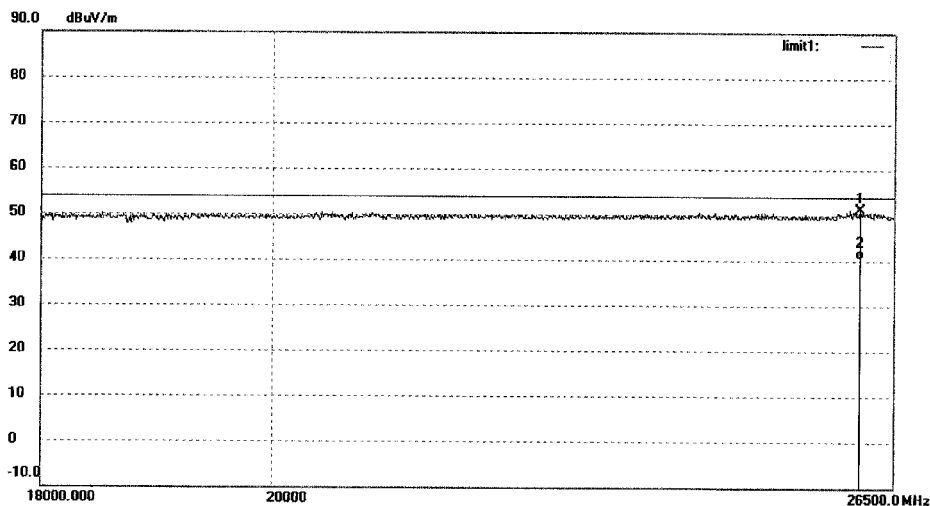
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Ian2015 #3048
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26093.176	34.67	16.50	51.17	74.00	-22.83	peak			
2	26093.176	23.82	16.50	40.32	54.00	-13.68	AVG			

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Test Report No.
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Test Plot of Band Edge of Bluetooth Low Energy mode


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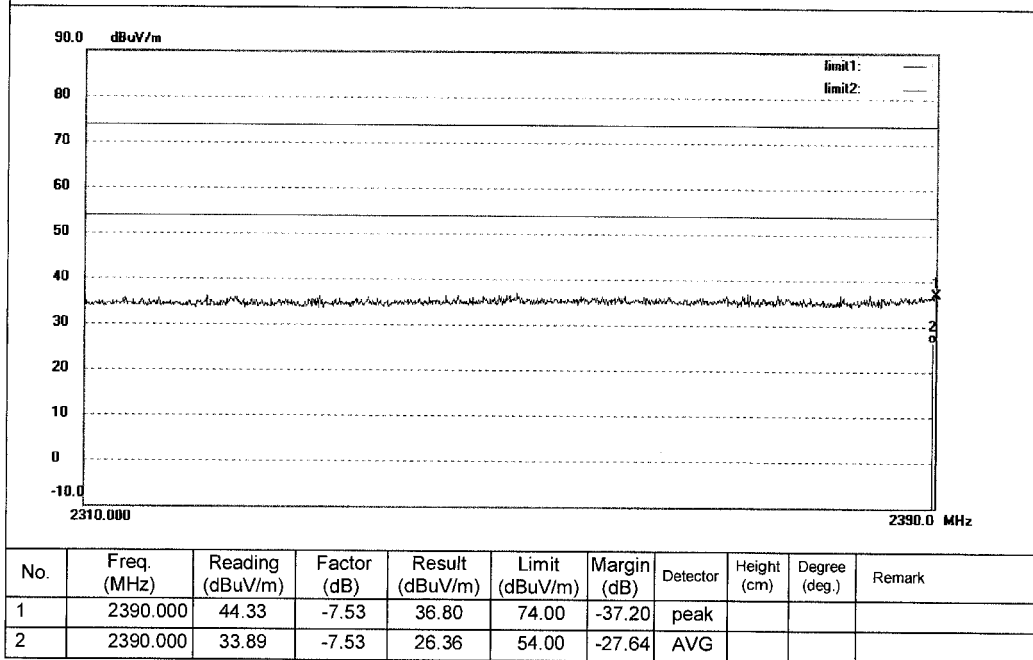
Tel:+86-0755-26503290

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Job No.: Ian2015 #3030
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0




ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

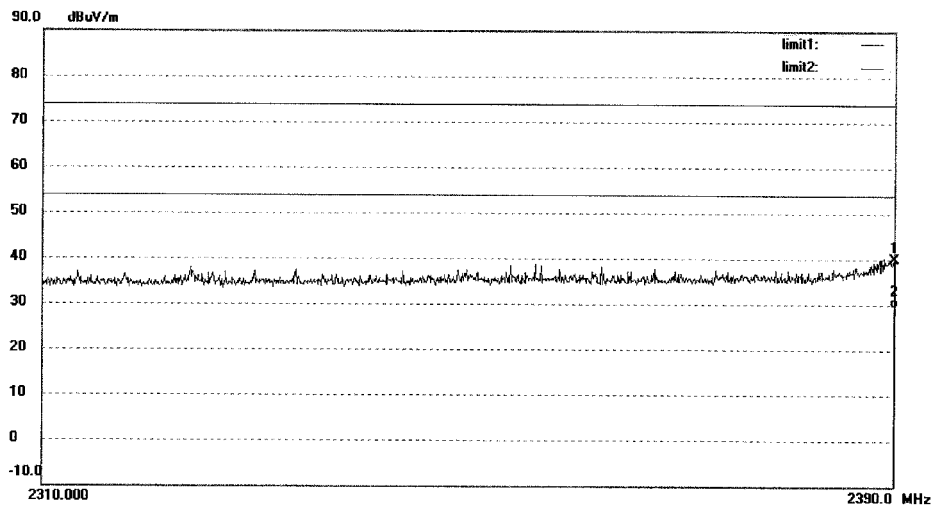
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3031
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	47.42	-7.53	39.89	74.00	-34.11	peak			
2	2390.000	36.87	-7.53	29.34	54.00	-24.66	AVG			


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

Site: 2# Chamber

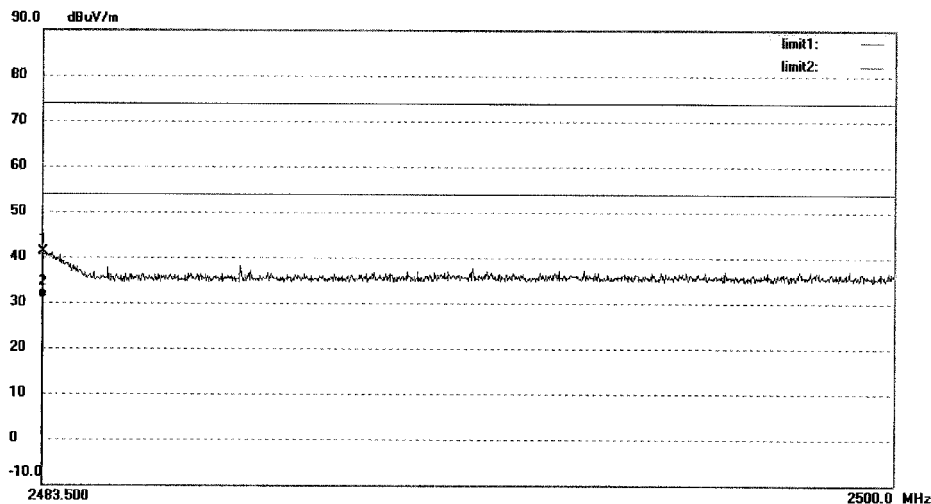
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3037
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	48.45	-7.37	41.08	74.00	-32.92	peak			
2	2483.500	38.14	-7.37	30.77	54.00	-23.23	AVG			


ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

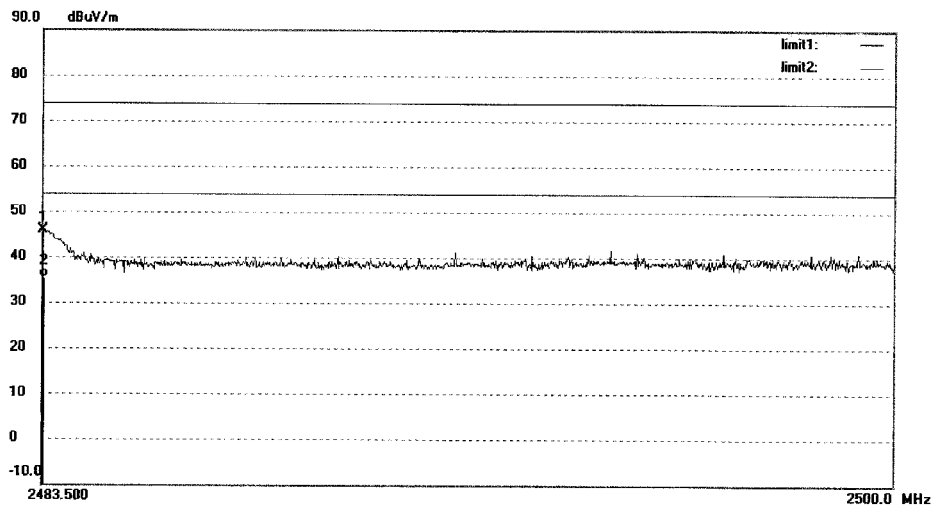
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lan2015 #3036
Standard: FCC (Bnad Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/17/
Time:
Engineer Signature: PEI
Distance: 3m

Note: Bluetooth 4.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	53.21	-7.37	45.84	74.00	-28.16	peak			
2	2483.500	42.85	-7.37	35.48	54.00	-18.52	AVG			

5.1.8 Frequency Separation

RESULT:

Pass

Date of testing	:	2015-10-16
Test standard	:	FCC part 15.247(a)(1) RSS-247 clause 5.1(2)
Basic standard	:	ANSI C63.10: 2013
Limit	:	≥ 25kHz or two-thirds of 20dB bandwidth, whichever is greater
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 14: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.0029	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

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*Test Report No.***Seite 93 von 127**
*Page 93 of 127***5.1.9 Number of hopping frequency****RESULT:****Pass**

Date of testing : 2015-10-16
Test standard : FCC part 15.247(a)(1)(iii)
RSS-247 clause 5.1(4)
Basic standard : ANSI C63.10: 2013
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 : 50%
Atmospheric pressure : 101kPa

Table 15: Test result of Number of hopping frequency

Frequency Range	Measured Quantity of Hopping Channel	Limit	Result
2402 to 2480MHz	79	≥ 15	Pass

5.1.10 Time of Occupancy

RESULT:

Pass

Date of testing	:	2015-10-16
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-247 clause 5.1(4)
Basic standard	:	ANSI C63.10: 2013
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

Test Channel	:	Low/ Middle/ High
Operation Mode	:	A.1.a
Ambient temperature	:	25°C
Relative humidity	:	50%
Atmospheric pressure	:	101kPa

Table 16: Test result of Time of Occupancy

Mode	Packet Type	Channel Frequency (MHz)	Packet Duration [ms]	Number of Hops per Channel	Dwell Time (ms)	Limit [ms]
BDR	DH1	2402	0.442	322	142.324	400
		2441	0.442	321	141.882	400
		2480	0.442	322	142.324	400
	DH3	2402	1.703	164	279.292	400
		2441	1.703	165	280.995	400
		2480	1.703	165	280.995	400
	DH5	2402	2.957	112	331.184	400
		2441	2.978	111	330.558	400
		2480	2.978	110	327.580	400
EDR	DH1	2402	0.449	322	144.578	400
		2441	0.457	322	147.154	400
		2480	0.457	321	146.697	400
	DH3	2402	1.710	165	282.150	400
		2441	1.725	164	282.900	400
		2480	1.710	165	282.150	400
	DH5	2402	2.993	111	332.223	400
		2441	3.015	111	334.665	400
		2480	2.993	112	335.216	400

5.1.11 Conducted emissions**RESULT:****Pass**

Date of testing	:	2015-10-15
Test standard	:	FCC Part 15.107 (a) FCC Part 15.207 RSS-Gen Clause 8.8 ICES-003 Issue 5 August 2012
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	0.15 – 30MHz
Limits	:	FCC Part 15.207 Table 3 of RSS-Gen
Kind of test site	:	Shield room

Test setup

Input Voltage	:	AC 120V, 60Hz
Operation Mode	:	A, B, C, D, E
Earthing	:	Not Connected
Ambient temperature	:	25°C
Relative humidity	:	52%
Atmospheric pressure	:	101kPa

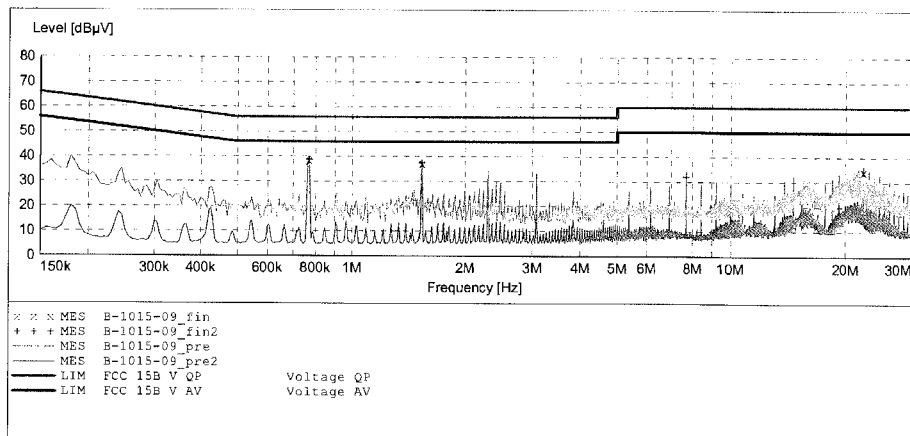
For details refer to following test plot.

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Bluetooth Playing
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-09_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	38.60	10.8	56	17.4	QP	L1	GND
1.535000	37.10	10.9	56	18.9	QP	L1	GND
22.270000	34.40	11.4	60	25.6	QP	L1	GND

MEASUREMENT RESULT: "B-1015-09_fin2"

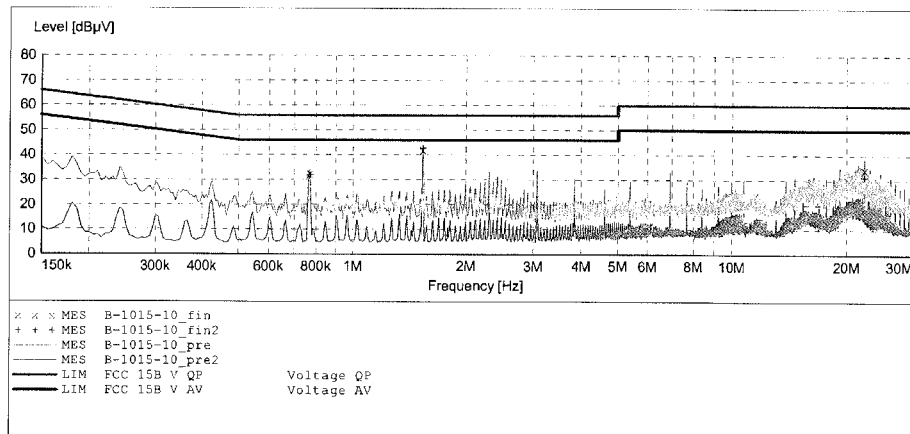
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	38.70	10.8	46	7.3	AV	L1	GND
1.535000	37.40	10.9	46	8.6	AV	L1	GND
7.680000	32.00	11.2	50	18.0	AV	L1	GND

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Bluetooth Playing
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-10_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	32.50	10.8	56	23.5	QP	N	GND
1.535000	42.10	10.9	56	13.9	QP	N	GND
22.270000	34.40	11.4	60	25.6	QP	N	GND

MEASUREMENT RESULT: "B-1015-10_fin2"

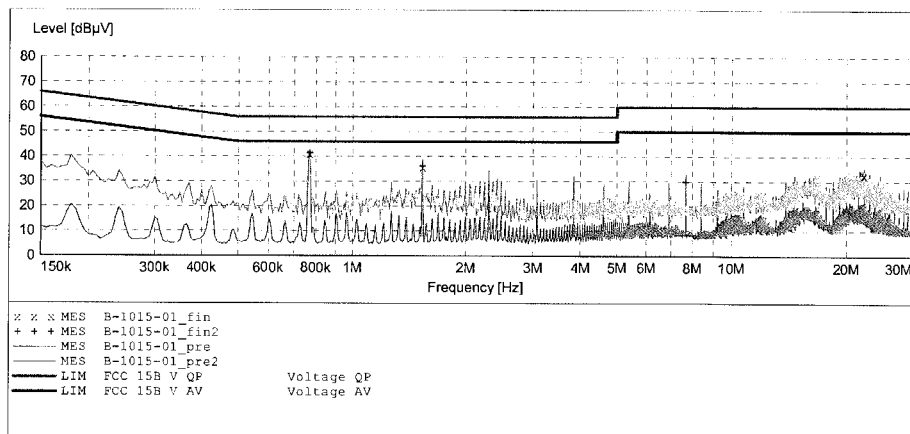
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	31.80	10.8	46	14.2	AV	N	GND
1.535000	42.50	10.9	46	3.5	AV	N	GND
22.270000	31.30	11.4	50	18.7	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 150.0 kHz 30.0 MHz 5.0 kHz Average
 QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-01_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	41.10	10.8	56	14.9	QP	L1	GND
1.535000	35.80	10.9	56	20.2	QP	L1	GND
22.270000	32.80	11.4	60	27.2	QP	L1	GND

MEASUREMENT RESULT: "B-1015-01_fin2"

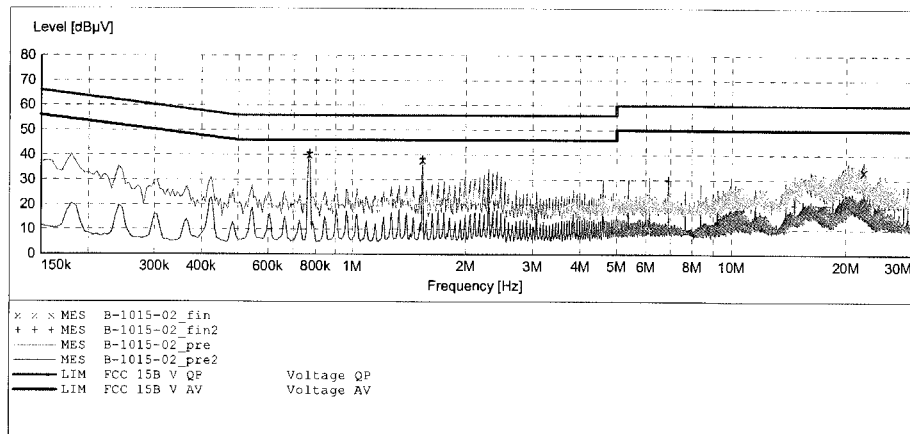
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	41.20	10.8	46	4.8	AV	L1	GND
1.535000	36.10	10.9	46	9.9	AV	L1	GND
7.680000	29.80	11.2	50	20.2	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-02_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.20	10.8	56	15.8	QP	N	GND
1.535000	38.10	10.9	56	17.9	QP	N	GND
22.270000	33.70	11.4	60	26.3	QP	N	GND

MEASUREMENT RESULT: "B-1015-02_fin2"

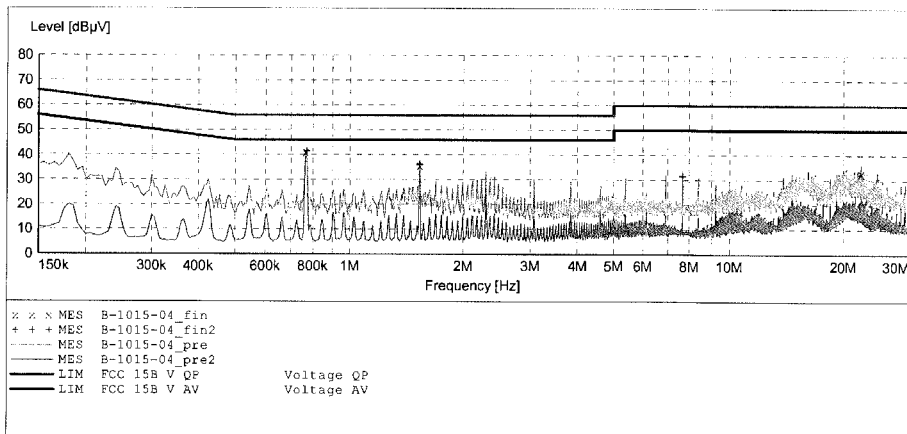
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.70	10.8	46	5.3	AV	N	GND
1.535000	38.40	10.9	46	7.6	AV	N	GND
6.910000	29.60	11.2	50	20.4	AV	N	GND

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: PC in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-04_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.765000	41.10	10.8	56	14.9	QP	L1	GND
1.535000	35.80	10.9	56	20.2	QP	L1	GND
22.270000	32.90	11.4	60	27.1	QP	L1	GND

MEASUREMENT RESULT: "B-1015-04_fin2"

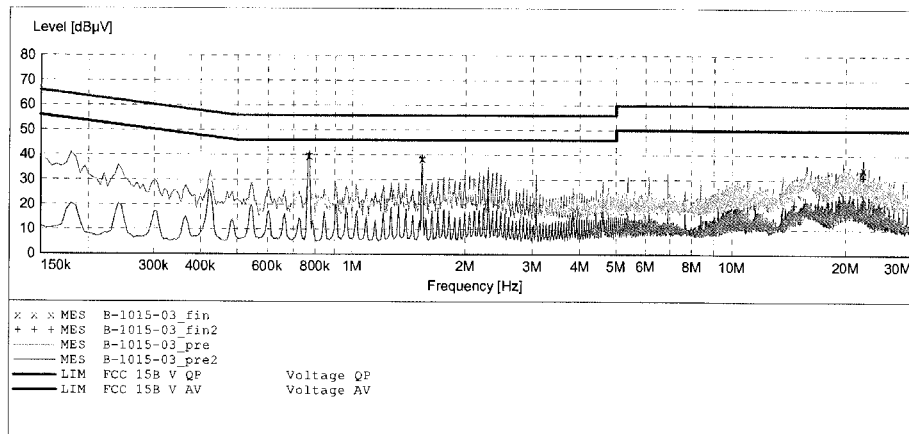
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	41.30	10.8	46	4.7	AV	L1	GND
1.535000	36.00	10.9	46	10.0	AV	L1	GND
7.680000	31.40	11.2	50	18.6	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: PC in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 150.0 kHz 30.0 MHz 5.0 kHz Average
 QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-03_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	39.80	10.8	56	16.2	QP	N	GND
1.535000	38.70	10.9	56	17.3	QP	N	GND
22.270000	34.50	11.4	60	25.5	QP	N	GND

MEASUREMENT RESULT: "B-1015-03_fin2"

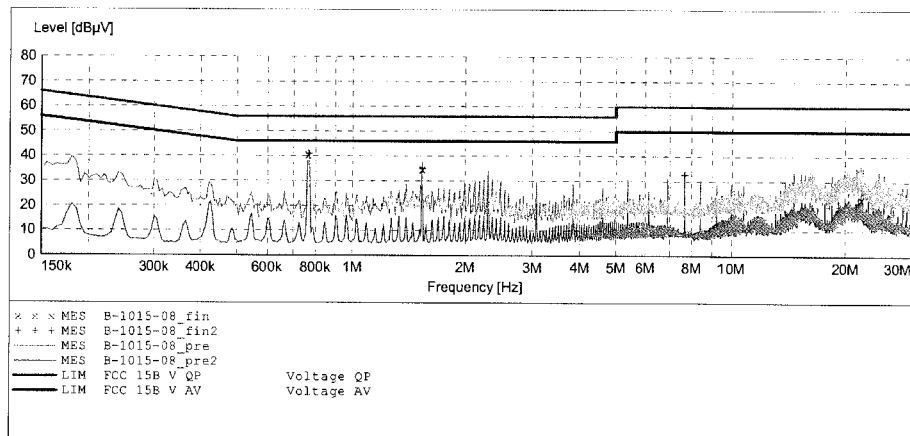
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.20	10.8	46	5.8	AV	N	GND
1.535000	38.80	10.9	46	7.2	AV	N	GND
22.270000	31.20	11.4	50	18.8	AV	N	GND

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Coaxial in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
9.0 kHz	150.0 kHz	100.0 Hz	QuasiPeak	1.0 s	200 Hz	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008


MEASUREMENT RESULT: "B-1015-08_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.765000	40.60	10.8	56	15.4	QP	L1	GND
1.535000	34.80	10.9	56	21.2	QP	L1	GND
21.985000	23.00	11.4	60	37.0	QP	L1	GND

MEASUREMENT RESULT: "B-1015-08_fin2"

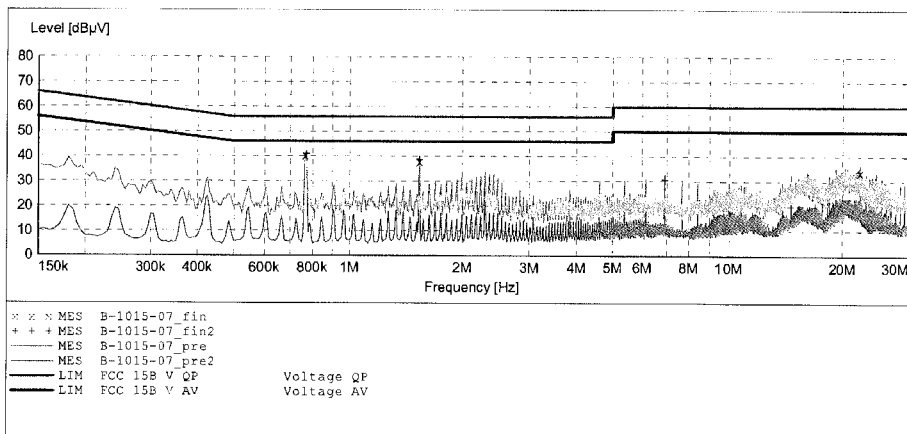
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.70	10.8	46	5.3	AV	L1	GND
1.535000	35.00	10.9	46	11.0	AV	L1	GND
7.680000	32.60	11.2	50	17.4	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Coaxial in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-07_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.765000	40.40	10.8	56	15.6	QP	N	GND
1.535000	37.90	10.9	56	18.1	QP	N	GND
22.270000	33.90	11.4	60	26.1	QP	N	GND

MEASUREMENT RESULT: "B-1015-07_fin2"

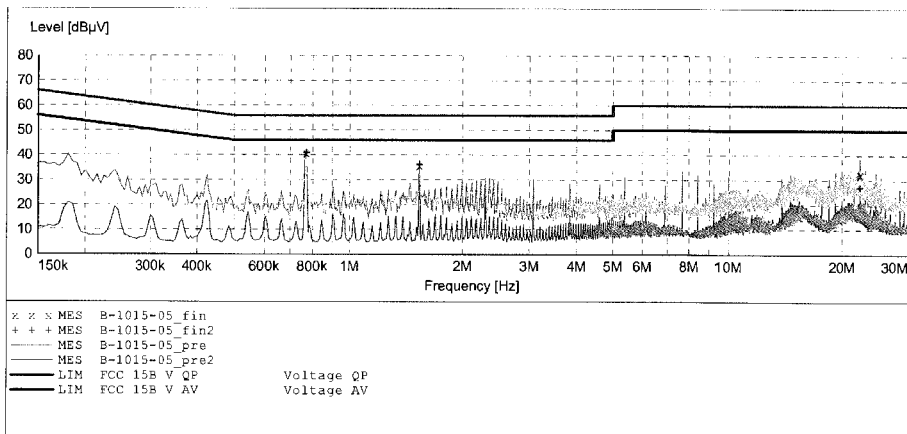
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.90	10.8	46	5.1	AV	N	GND
1.535000	38.60	10.9	46	7.4	AV	N	GND
6.910000	30.50	11.2	50	19.5	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Optical in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 Average
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-05_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.80	10.8	56	15.2	QP	L1	GND
1.535000	35.80	10.9	56	20.2	QP	L1	GND
22.270000	32.50	11.4	60	27.5	QP	L1	GND

MEASUREMENT RESULT: "B-1015-05_fin2"

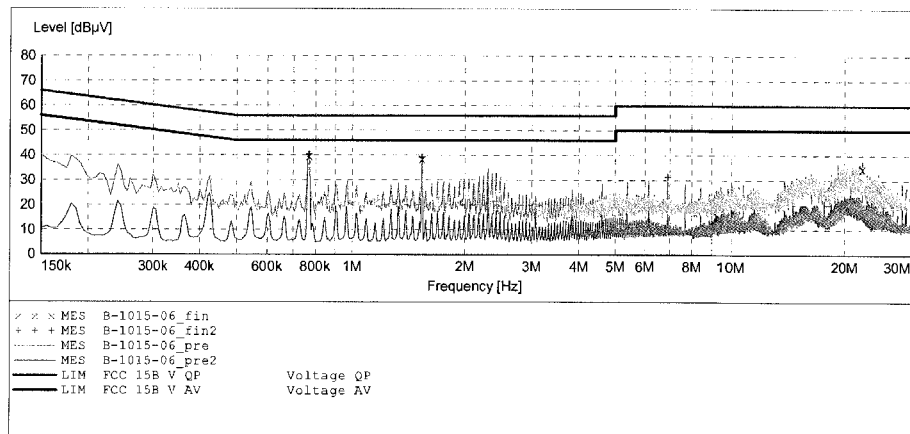
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.90	10.8	46	5.1	AV	L1	GND
1.535000	36.10	10.9	46	9.9	AV	L1	GND
22.270000	27.10	11.4	50	22.9	AV	L1	GND

ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Multimedia Speaker M/N:S1000
 Manufacturer: Edifier
 Operating Condition: Optical in
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 10/15/2015 /

SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "B-1015-06_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	39.80	10.8	56	16.2	QP	N	GND
1.535000	38.70	10.9	56	17.3	QP	N	GND
22.270000	34.90	11.4	60	25.1	QP	N	GND

MEASUREMENT RESULT: "B-1015-06_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.770000	40.20	10.8	46	5.8	AV	N	GND
1.535000	39.10	10.9	46	6.9	AV	N	GND
6.910000	31.30	11.2	50	18.7	AV	N	GND

5.1.12 Radiated Emission**RESULT:****Pass**

Date of testing : 2015-10-19
Test standard : FCC Part 15.109 (a)
ICES-003 Issue 5 August 2012
Test procedure : ANSI C63.4: 2014
Frequency range : 30 - 5000MHz
Equipment Classification : Class B
Limits : FCC Part 15.109(a)
ICES-003 Issue 5 August 2012
Kind of test site : 3m Semi-Anechoic Chamber

Test setup

Input Voltage : AC 120V, 60Hz
Operation mode : B, C, D, E
Earthing : Not connected
Ambient temperature : 23°C
Relative humidity : 48%
Atmospheric pressure : 101kPa

For details refer to following test plot.


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Job No.: Ian2015 #3062

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Aux in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

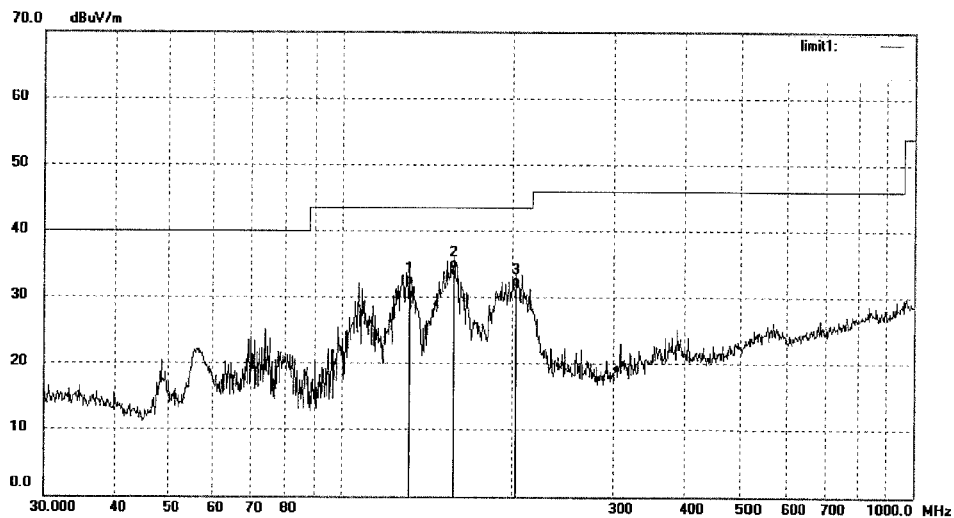
Date: 15/10/19/

Time:

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	131.2965	45.72	-13.92	31.80	43.50	-11.70	QP			
2	157.5587	48.97	-14.82	34.15	43.50	-9.35	QP			
3	202.8103	43.99	-12.35	31.64	43.50	-11.86	QP			


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Job No.: Ian2015 #3063

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Aux in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

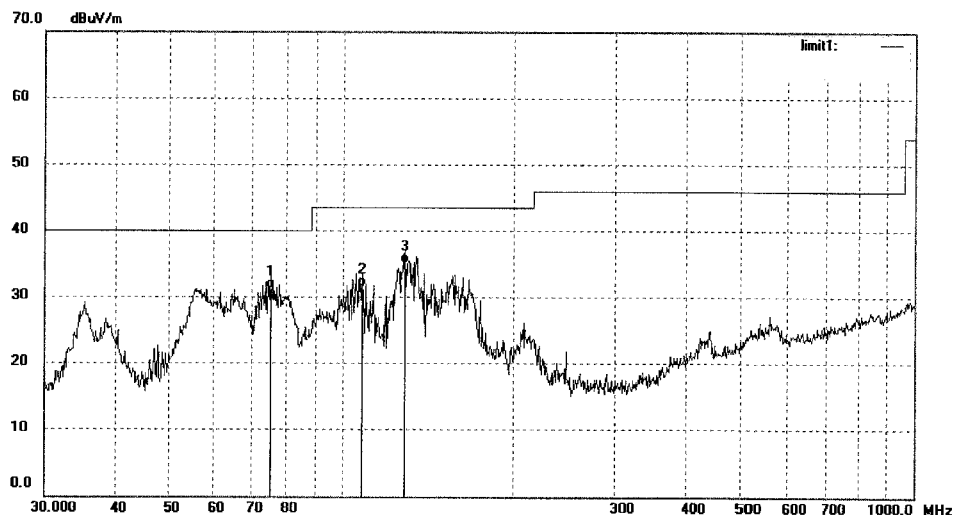
Date: 15/10/19/

Time:

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	75.1821	48.07	-16.75	31.32	40.00	-8.68	QP			
2	107.5100	45.46	-13.92	31.54	43.50	-11.96	QP			
3	128.1128	48.90	-13.81	35.09	43.50	-8.41	QP			


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Job No.: Ian2015 #3065

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: PC in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

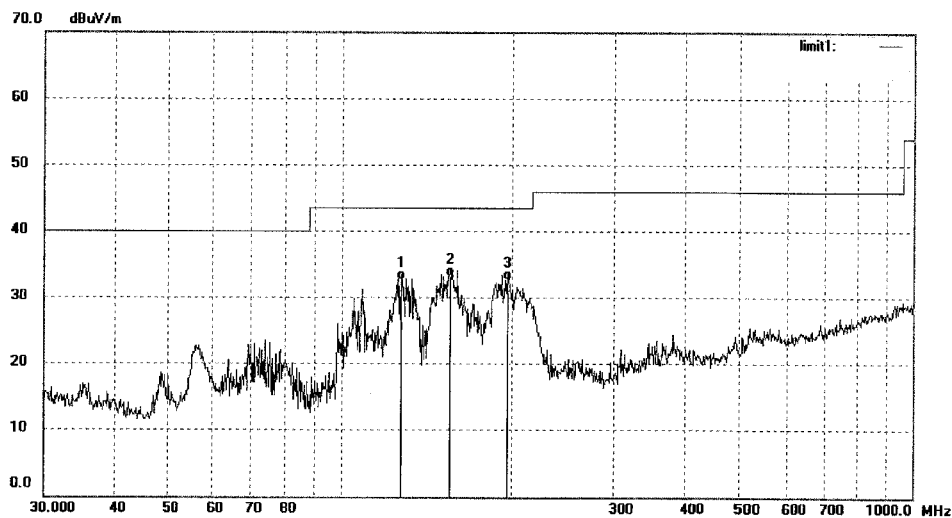
Date: 15/10/19/

Time:

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	126.7723	46.34	-13.78	32.56	43.50	-10.94	QP			
2	155.3642	48.22	-15.05	33.17	43.50	-10.33	QP			
3	195.8220	45.07	-12.47	32.60	43.50	-10.90	QP			


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Job No.: Ian2015 #3064

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: PC in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

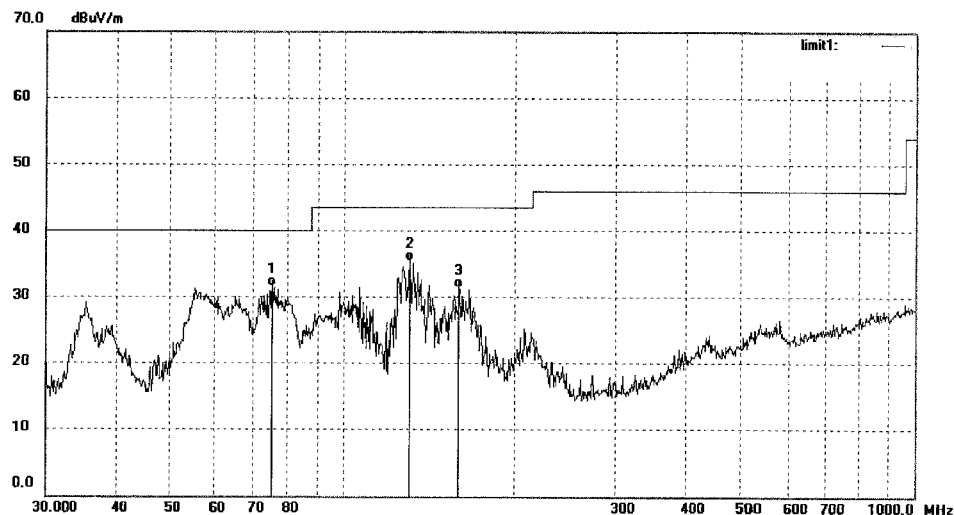
Date: 15/10/19/

Time:

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	75.1821	48.28	-16.75	31.53	40.00	-8.47	QP			
2	130.3788	49.31	-13.88	35.43	43.50	-8.07	QP			
3	159.7844	45.95	-14.57	31.38	43.50	-12.12	QP			


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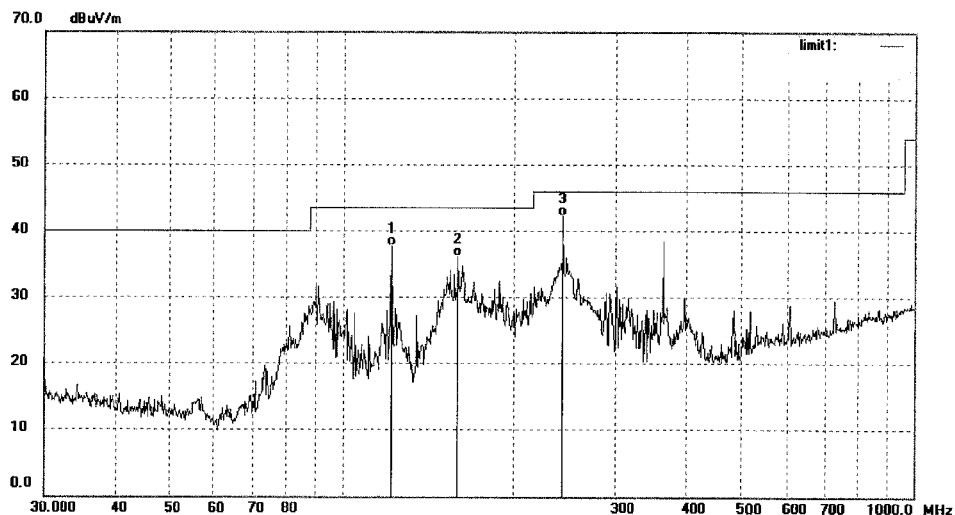
Site: 2# Chamber

Tel:+86-0755-26503290
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Job No.: Ian2015 #3069
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Coaxial in
Model: S1000
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 15/10/19/
Time:
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	121.5485	51.08	-13.32	37.76	43.50	-5.74	QP			
2	159.7844	50.77	-14.57	36.20	43.50	-7.30	QP			
3	243.3771	53.00	-10.82	42.18	46.00	-3.82	QP			


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Job No.: Ian2015 #3068

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Coaxial in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

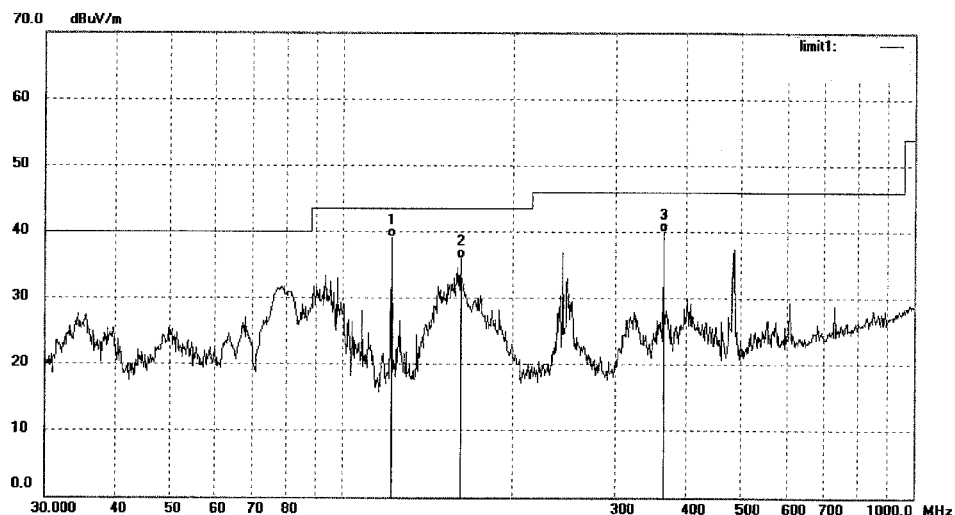
Date: 15/10/19/

Time:

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	121.5485	52.47	-13.32	39.15	43.50	-4.35	QP			
2	161.4740	50.40	-14.52	35.88	43.50	-7.62	QP			
3	364.2595	47.56	-7.57	39.99	46.00	-6.01	QP			


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Job No.: Ian2015 #3066

Polarization: Horizontal

Standard: FCC Class B 3M Radiated

Power Source: AC 120V/60Hz

Test item: Radiation Test

Date: 15/10/19/

Temp.(C)/Hum.(%) 23 C / 48 %

Time:

EUT: Multimedia Speaker

Engineer Signature: PEI

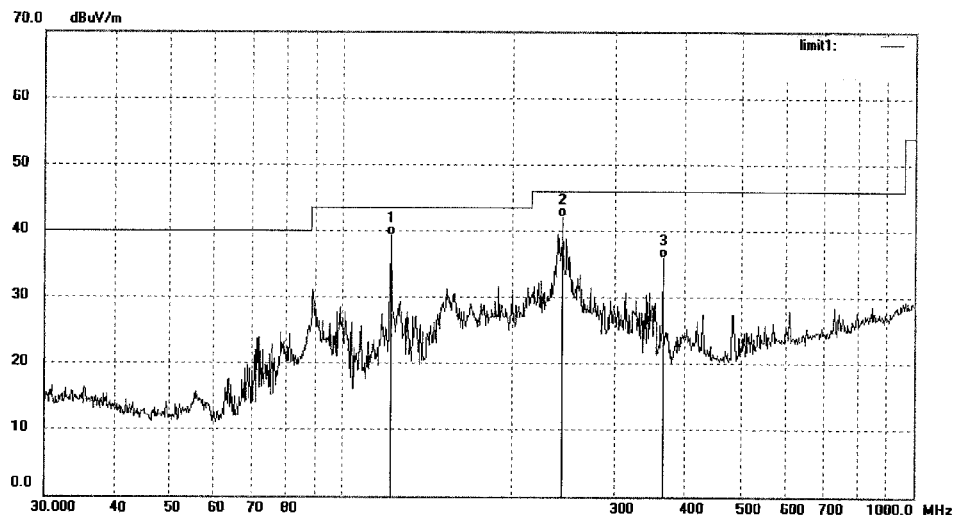
Mode: Optical in

Distance: 3m

Model: S1000

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	121.5485	52.57	-13.32	39.25	43.50	-4.25	QP			
2	243.3771	52.87	-10.82	42.05	46.00	-3.95	QP			
3	364.2595	43.51	-7.57	35.94	46.00	-10.06	QP			


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Job No.: Ian2015 #3067

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Optical in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

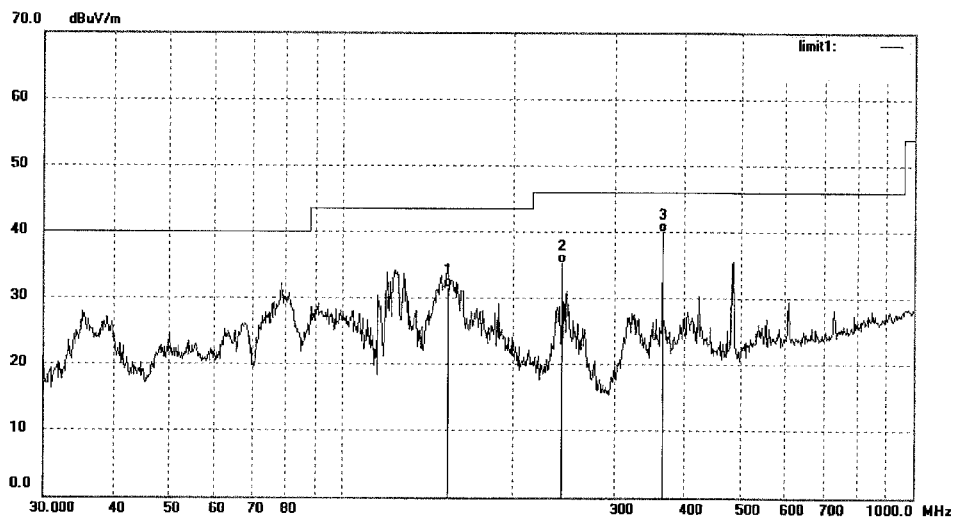
Date: 15/10/19/

Time:

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	154.2786	46.74	-15.11	31.63	43.50	-11.87	QP			
2	243.3771	46.04	-10.82	35.22	46.00	-10.78	QP			
3	364.2595	47.53	-7.57	39.96	46.00	-6.04	QP			


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Job No.: lan2015 #3077

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Aux in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

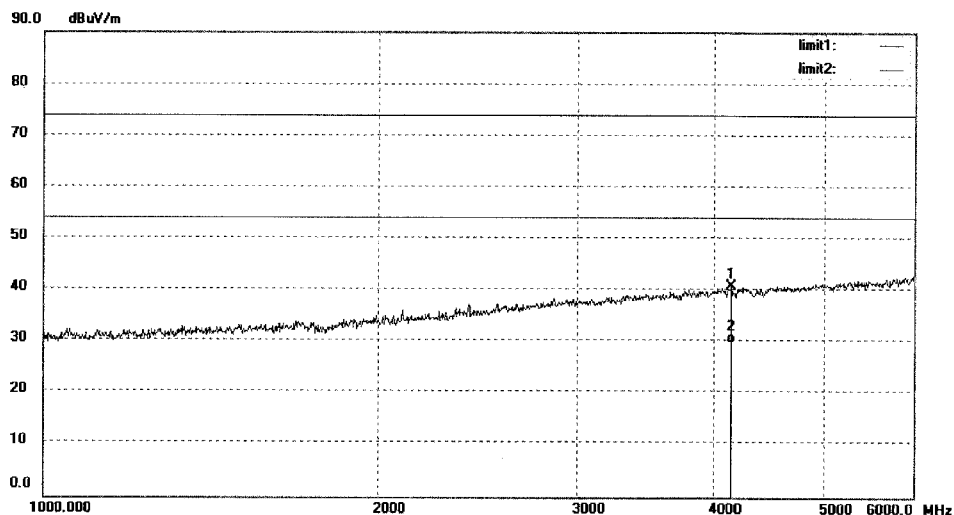
Date: 15/10/19/

Time:

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	4140.702	42.30	-1.51	40.79	74.00	-33.21	peak			
2	4140.702	31.24	-1.51	29.73	54.00	-24.27	AVG			


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Job No.: Ian2015 #3076

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Aux in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

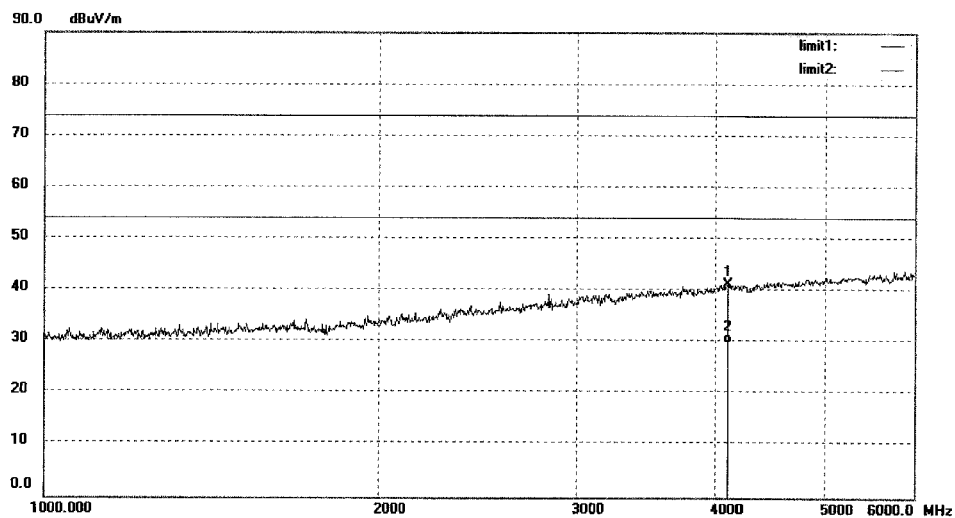
Date: 15/10/19/

Time:

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	4111.131	42.67	-1.49	41.18	74.00	-32.82	peak			
2	4111.131	31.41	-1.49	29.92	54.00	-24.08	AVG			


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Job No.: Ian2015 #3074

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: PC in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

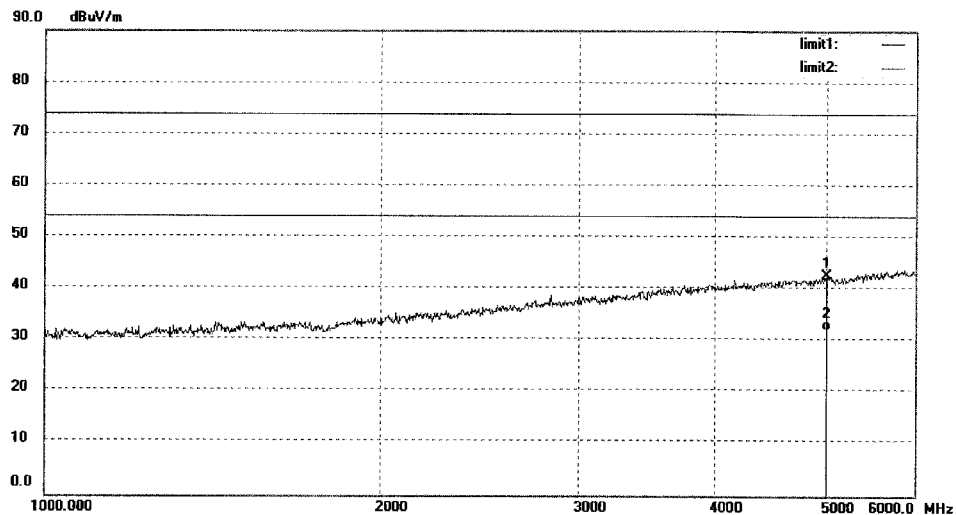
Date: 15/10/19/

Time:

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	5006.774	42.05	0.67	42.72	74.00	-31.28	peak			
2	5006.774	31.36	0.67	32.03	54.00	-21.97	AVG			


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Job No.: Ian2015 #3075

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: PC in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

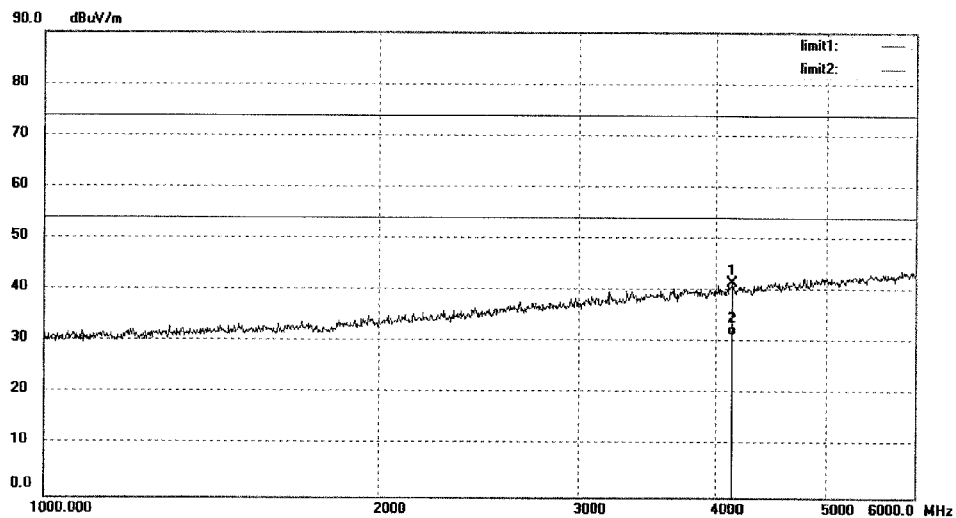
Date: 15/10/19/

Time:

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	4140.702	43.06	-1.51	41.55	74.00	-32.45	peak			
2	4140.702	32.83	-1.51	31.32	54.00	-22.68	AVG			


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Job No.: Ian2015 #3070

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Coaxial in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

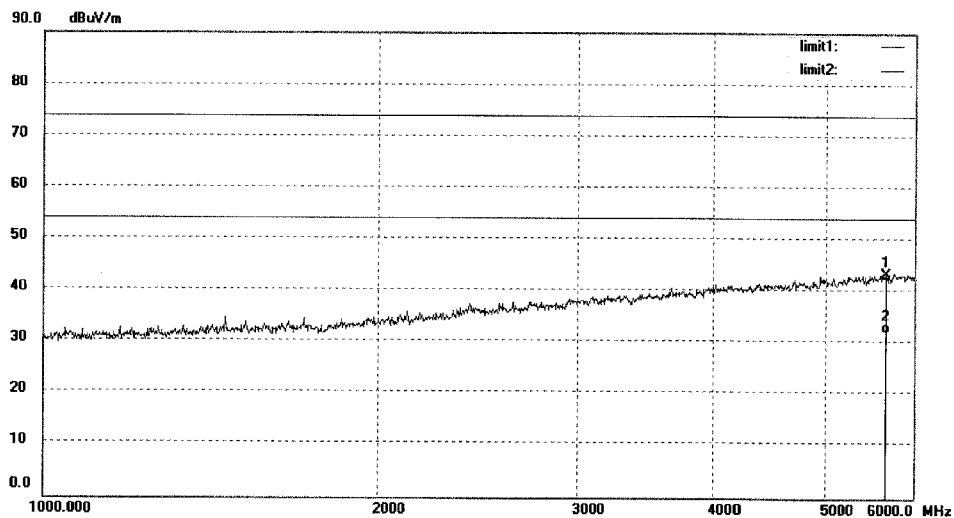
Date: 15/10/19/

Time:

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	5655.516	41.97	1.27	43.24	74.00	-30.76	peak			
2	5655.516	30.81	1.27	32.08	54.00	-21.92	AVG			


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Job No.: Ian2015 #3071

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Coaxial in

Model: S1000

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

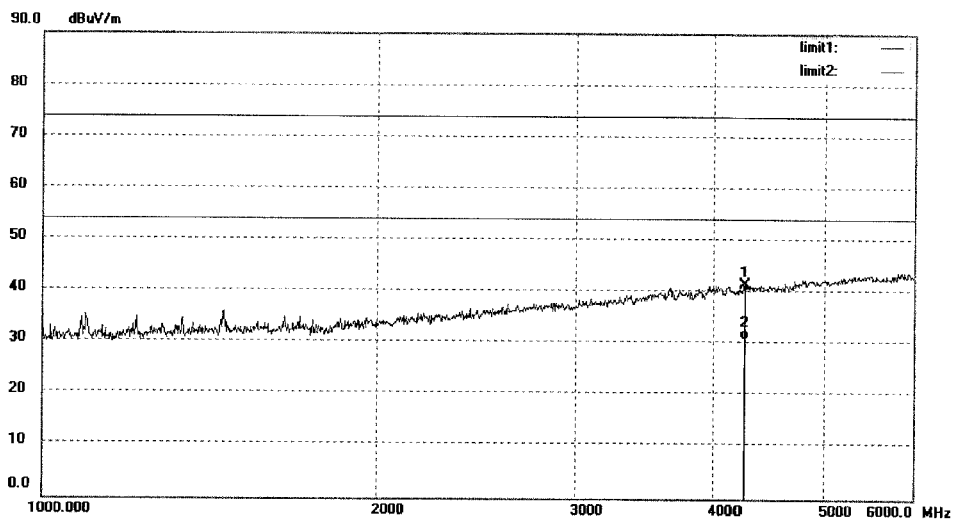
Date: 15/10/19/

Time:

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	4245.883	43.27	-1.78	41.49	74.00	-32.51	peak			
2	4245.883	32.64	-1.78	30.86	54.00	-23.14	AVG			


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Job No.: Ian2015 #3073

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 48 %

EUT: Multimedia Speaker

Mode: Optical in

Model: S1000

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

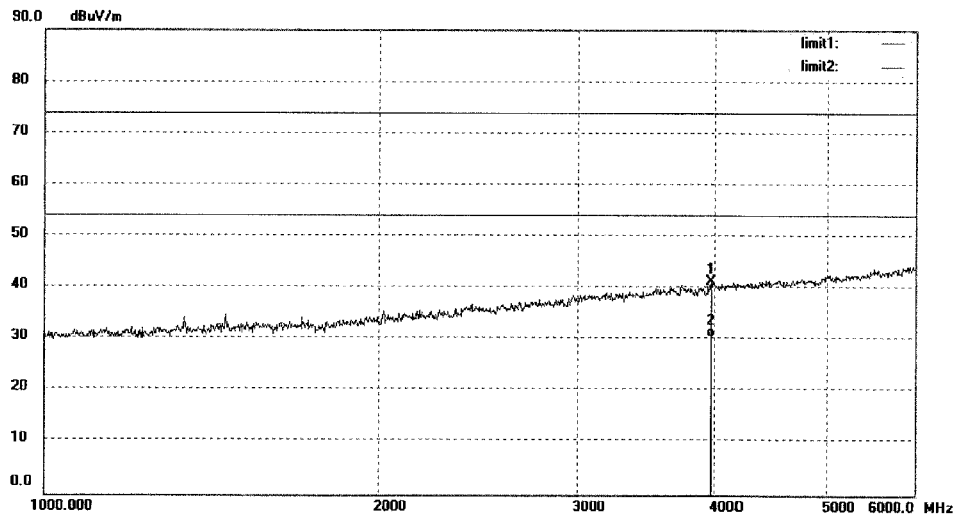
Date: 15/10/19/

Time:

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	3959.316	43.00	-1.80	41.20	74.00	-32.80	peak			
2	3959.316	32.25	-1.80	30.45	54.00	-23.55	AVG			


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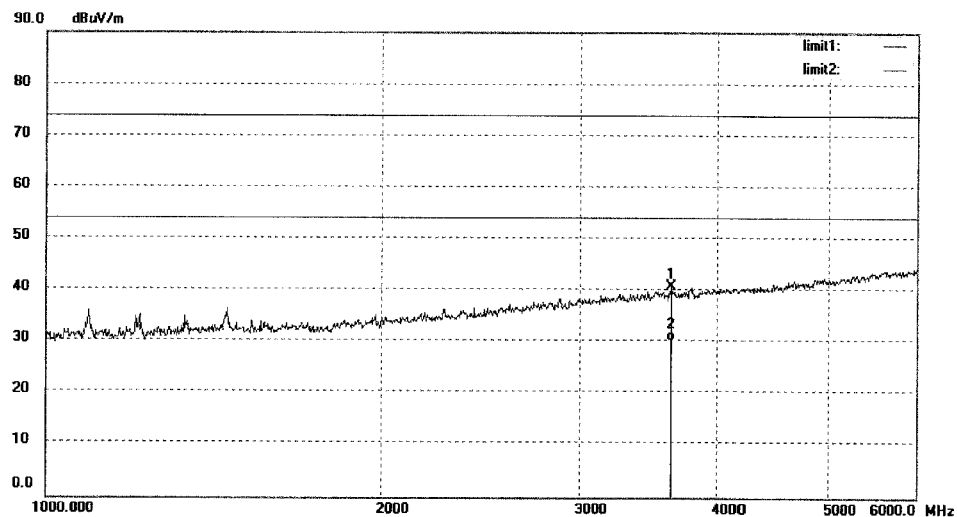
Site: 2# Chamber

Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: lan2015 #3072
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Optical in
Model: S1000
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 15/10/19/
Time:
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	3639.545	43.42	-2.64	40.78	74.00	-33.22	peak			
2	3639.545	32.87	-2.64	30.23	54.00	-23.77	AVG			

1. Safety Human exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : RSS-102 Issue 5 March 2015
FCC KDB Publication 447498 D01 v05r02

The maximum radiated power of the transmitter is 2.014mW (3.04dBm) only, which less than 309mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 5.

Since maximum radiated power of the transmitter is 4.786mW<96mW, and the distance from EUT to human is ≥ 50 mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v05r02.

2. Photographs of the Test Set-Up

Photograph 1: Set-up for Conducted Emissions



Photograph 2: Set-up for Spurious Emissions for below 30MHz



Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz



Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz



Photograph 5: Set-up for Spurious Emissions for 18 - 26.5GHz



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