
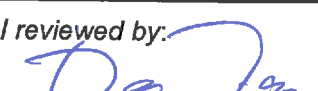


Prüfbericht-Nr.: <i>Test Report No.:</i>	50053988 001	Auftrags-Nr.: <i>Order No.:</i>	164070524	Seite 1 von 127 <i>Page 1 of 127</i>
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	03.08.2016	
Auftraggeber: <i>Client:</i>	Edifier International Limited, Room 2207-9, Tower Two, Lippo Centre 89 Queensway, Hong Kong			
Prüfgegenstand: <i>Test item:</i>	Active Monitor Speaker			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	S2000 Pro (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 6 January 2016			
	CFR47 FCC Part 15: Subpart C Section 15.207 CFR47 FCC Part 15: Subpart B Section 15.107 FCC KDB Publication 447498 D01 v06 RSS-Gen Issue 4 November 2014 RSS-102 Issue 5 March 2015			
Wareneingangsdatum: <i>Date of receipt:</i>	25.07.2016			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A000390054-001, A000390054-002, A000390054-003			
Prüfzeitraum: <i>Testing period:</i>	25.07.2016 - 04.08.2016			
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:		
 20.09.2016 Andy Yan/Project Manager		 20.09.2016 Owen Tian/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. <i>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.</i>				

TEST SUMMARY

5.1.1 ANTENNA REQUIREMENT*RESULT: Pass***5.1.2 MAXIMUM PEAK CONDUCTED 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*

Contents

1.	GENERAL REMARKS	5
1.1	COMPLEMENTARY MATERIALS	5
2.	TEST SITES	5
2.1	TEST FACILITIES	5
2.2	LIST OF TEST AND MEASUREMENT INSTRUMENTS.....	6
2.3	TRACEABILITY	7
2.4	CALIBRATION	7
2.5	MEASUREMENT UNCERTAINTY.....	7
2.6	LOCATION OF ORIGINAL DATA.....	7
2.7	STATUS OF FACILITY USED FOR TESTING.....	7
3.	GENERAL PRODUCT INFORMATION	8
3.1	PRODUCT FUNCTION AND INTENDED USE.....	8
3.2	RATINGS AND SYSTEM DETAILS	8
3.3	INDEPENDENT OPERATION MODES	10
3.4	NOISE GENERATING AND NOISE SUPPRESSING PARTS	10
3.5	SUBMITTED DOCUMENTS	10
4.	TEST SET-UP AND OPERATION MODES	11
4.1	PRINCIPLE OF CONFIGURATION SELECTION.....	11
4.2	TEST OPERATION AND TEST SOFTWARE	11
4.3	SPECIAL ACCESSORIES AND AUXILIARY EQUIPMENT	11
4.4	COUNTERMEASURES TO ACHIEVE EMC COMPLIANCE.....	11
4.5	TEST SETUP DIAGRAM	12
5.	TEST RESULTS	14
5.1	TRANSMITTER REQUIREMENT & TEST SUITES	14
5.1.1	<i>Antenna Requirement</i>	<i>14</i>
5.1.2	<i>Maximum Peak Conducted Output Power.....</i>	<i>15</i>
5.1.3	<i>20dB Bandwidth and 99% Bandwidth.....</i>	<i>16</i>
5.1.4	<i>6dB Bandwidth and 99% Bandwidth.....</i>	<i>17</i>
5.1.5	<i>Conducted Spurious Emissions measured in 100kHz Bandwidth.....</i>	<i>18</i>
5.1.6	<i>Power spectral density.....</i>	<i>28</i>
5.1.7	<i>Spurious Emission</i>	<i>29</i>
5.1.8	<i>Frequency Separation.....</i>	<i>92</i>
5.1.9	<i>Number of hopping frequency.....</i>	<i>93</i>
5.1.10	<i>Time of Occupancy.....</i>	<i>94</i>
5.1.11	<i>Conducted emissions</i>	<i>95</i>
5.1.12	<i>Radiated Emission.....</i>	<i>106</i>
1.	SAFETY HUMAN EXPOSURE	123
1.1	RADIO FREQUENCY EXPOSURE COMPLIANCE.....	123

Prüfbericht - Nr.: 50053988 001
*Test Report No.***Seite 4 von 127**
Page 4 of 127

1.1.1	Electromagnetic Fields	123
2.	PHOTOGRAPHS OF THE TEST SET-UP	124
3.	LIST OF TABLES	127
4.	LIST OF PHOTOGRAPHS	127

Prüfbericht - Nr.: 50053988 001
*Test Report No.***Seite 5 von 127**
Page 5 of 127

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	2017-01-09
Test Receiver	Rohde & Schwarz	ESCS30	100307	2017-01-09
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	2017-01-09
Loop Antenna	Schwarzbeck	FMZB1516	1516131	2017-01-09
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	2017-01-09
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	2017-01-09
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	2017-01-09
Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	2017-01-09
50 Coaxial Switch	Anritsu Corp	MP59B	620050647 4	2017-01-09
RF Coaxial Cable	SUHNER	N-3m	No.8	2017-01-09
RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	2017-01-09
RF Coaxial Cable	SUHNER	N-6m	No.10	2017-01-09
RF Coaxial Cable	RESENBERGER	N-12m	No.11	2017-01-09
RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	2017-01-09
Radio Spectrum Test				
Spectrum Analyzer	Rohde & Schwarz	FSV40	101495	2017-01-09
Vector Signal Generator	Rohde & Schwarz	SMBV100A	260434	2017-01-09
Signal Generator	Rohde & Schwarz	SMB100A	108362	2017-01-09
Open Switch and Control Unit	Rohde & Schwarz	OSP120 + OSP-B157	101244 + 100866	2017-01-09
Conducted Emission				
Test Receiver	Rohde & Schwarz	ESCS30	100307	2017-01-09
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	2017-01-09
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	2017-01-09
50Ω Coaxial Switch	Anritsu Corp	MP59B	6200283933	2017-01-09
Voltage Probe	Schwarzbeck	TK9416	N/A	2017-01-09
RF Current Probe	Rohde & Schwarz	EZ-17	100048	2017-01-09
8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	2017-01-09
RF Coaxial Cable	Suhner	N-2m	No.2	2017-01-09
RF Coaxial Cable	Suhner	N-2m	No.3	2017-01-09
RF Coaxial Cable	Suhner	N-2m	No.14	2017-01-09

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	$< \pm 0.60$ dB
Radiated emission of transmitter, valid up to 26.5 GHz	$< \pm 4.42$ dB
Conducted Emission	$< \pm 2.23$ dB
Radiated Emission	$< \pm 4.42$ 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 an active monitor speaker with Bluetooth function used for audio entertainment in house or similar environment. It operates at 2.4GHz ISM frequency band.
 For details refer to the User Manual and Circuit Diagram.

3.2 Ratings and System Details

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

Technical Specification	Value
Kind of Equipment	Active Monitor Speaker
Type Designation	S2000 Pro
FCC ID	Z9G-EDF32
IC	10004A-EDF32
Operating Frequency band	2402 – 2480MHz
Channel separation	1MHz
Extreme Temperature Range	0~+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

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	Active Monitor Speaker
Type Designation	S2000 Pro
FCC ID	Z9G-EDF32
IC	10004A-EDF32
Operating Frequency band	2402 – 2480MHz
Channel separation	2MHz
Extreme Temperature Range	0~+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 in
- C. Input in
- D. Coaxial in
- E. Optical in
- 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
iPhone6S PLUS	Apple	ML6D2 CH/A	C35QJ76JGRWM
DVD player	KENUO	DVD-966S	2003010805086710

The EUT was tested with following cables:

Interface(s)/Port(s):	Max. cable length, shielding	Cable classification
AC Mains	2 cores, non-shielded port, 3m	AC Power Input
Speaker out	5 cores, non-shielded port, 5m	Audio Output
AUX input	2 cores, non-shielded port, 3m	Audio Input
Input	2 cores, non-shielded port, 3m	Audio Input
Coaxial input	2 cores, non-shielded port, 3m	Audio Input
Optical input	---	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

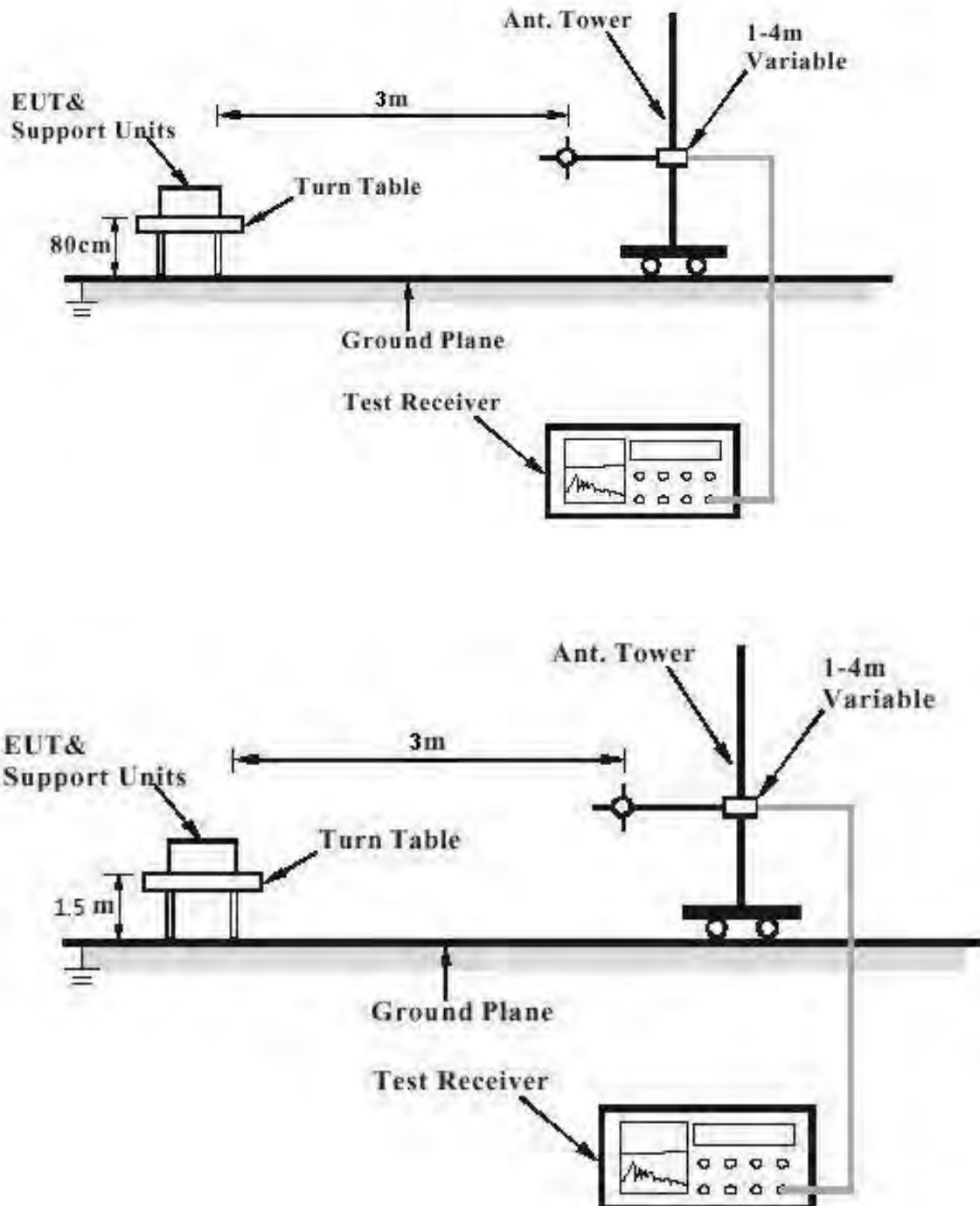


Diagram of Measurement Equipment Configuration for Conduction Measurement

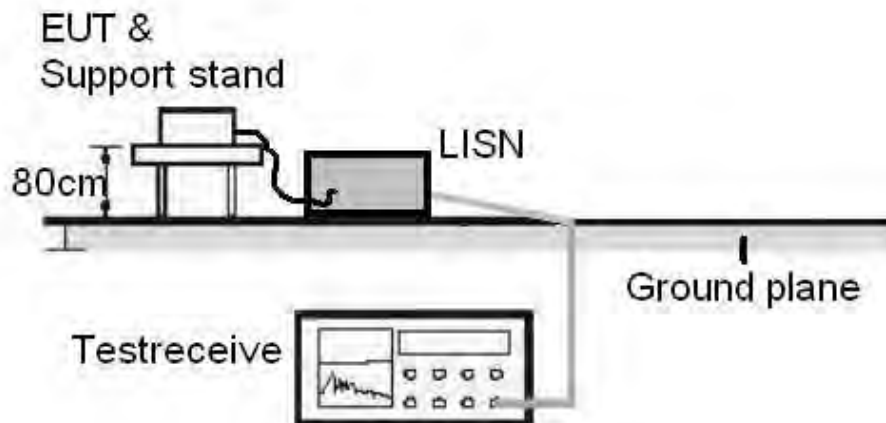
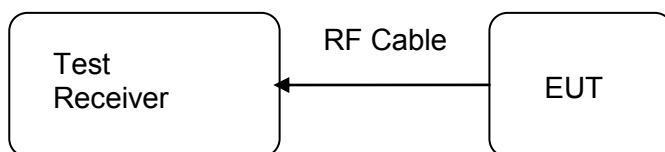


Diagram of Measurement Equipment Configuration for Transmitter Measurement



5. Test Results

5.1 Transmitter Requirement & Test Suites

5.1.1 Antenna Requirement

RESULT:**Pass**

Test standard	:	Part 15.203 RSS-Gen Clause 8.3
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 Maximum Peak Conducted Output Power

RESULT:

Pass

Test date	:	2016-07-27
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 v03r05
Limit	:	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 Buletooth (BDR mode)

Channel	Channel Frequency (MHz)	Peak Output Power	Limit
		(dBm)	(dBm)
Low Channel	2402	-0.41	30
Middle Channel	2441	1.56	30
High Channel	2480	2.31	30

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	-1.72	30
Middle Channel	2441	0.81	30
High Channel	2480	1.62	30

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	-4.30	30
Middle Channel	2440	-1.67	30
High Channel	2480	-0.51	30

5.1.3 20dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2016-07-27
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	0.9205	0.9378
Mid Channel	2441	0.9248	0.9334
High Channel	2480	0.9378	0.9334

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

Channel	Channel Frequency (MHz)	20dB Bandwidth (MHz)	99% Bandwidth (MHz)
Low Channel	2402	1.2070	1.1939
Mid Channel	2441	1.2069	1.1939
High Channel	2480	1.2070	1.1939

5.1.4 6dB Bandwidth and 99% Bandwidth

RESULT:

Pass

Date of testing	:	2016-07-27
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	0.6816	≥0.5	1.0420
Mid Channel	2440	0.6730	≥0.5	1.0376
High Channel	2480	0.6730	≥0.5	1.0376

Prüfbericht - Nr.: 50053988 001

Test Report No.

Seite 18 von 127

Page 18 of 127

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

Date of testing	:	2016-07-27
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

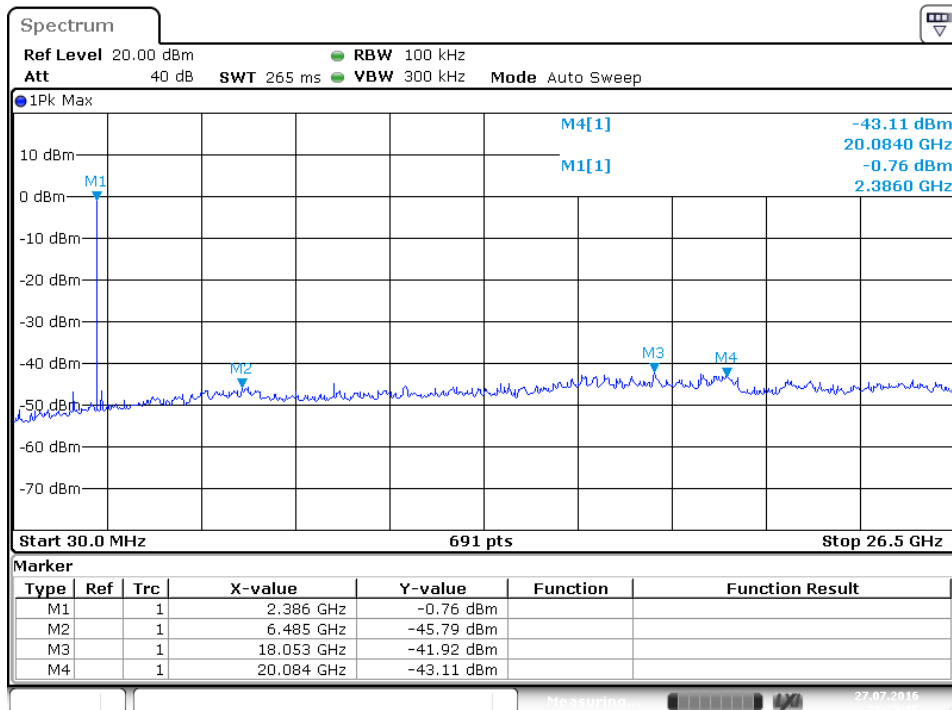
Test setup

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.

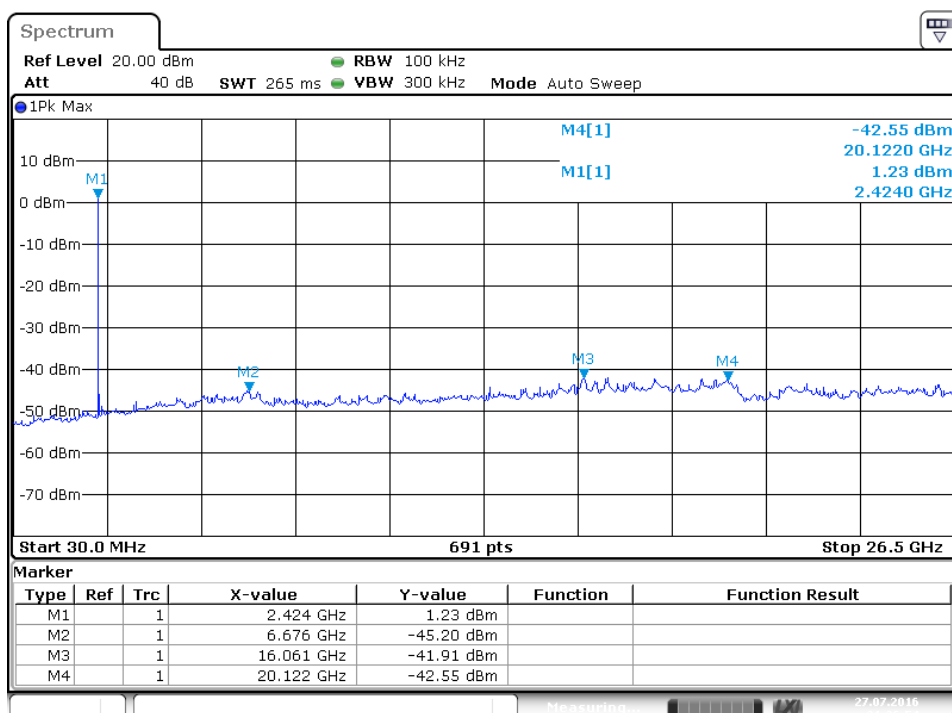
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of BDR mode

Low Channel



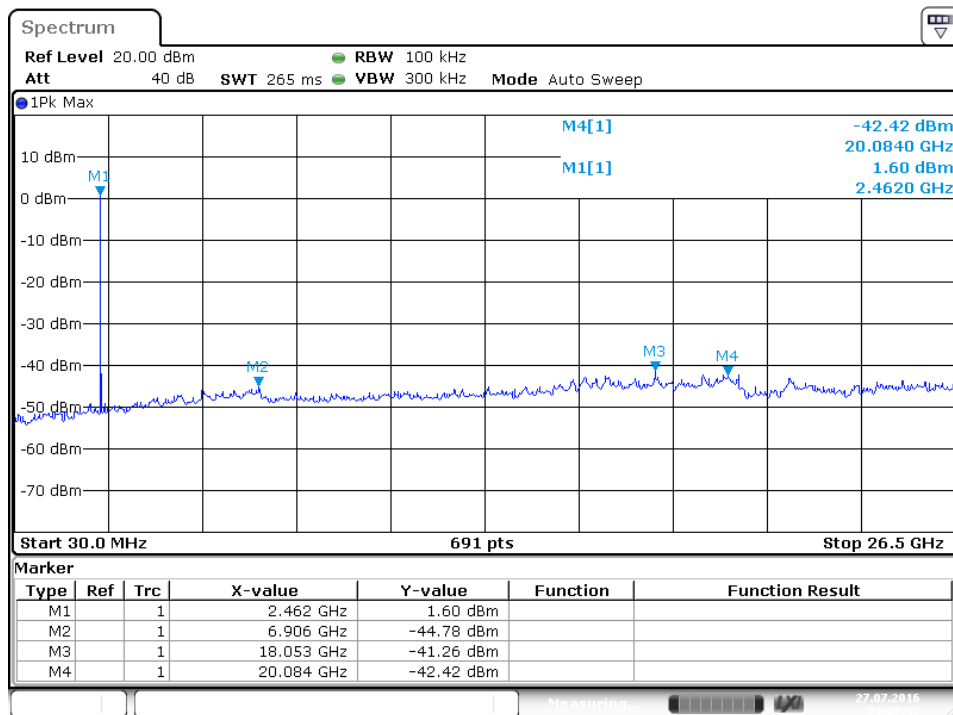
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Middle Channel

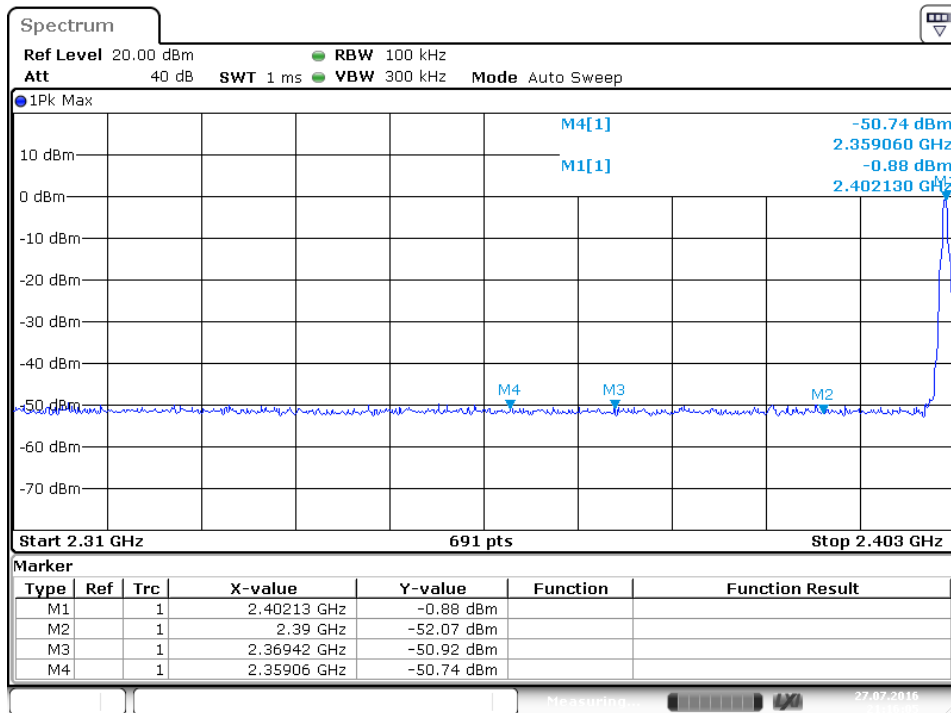


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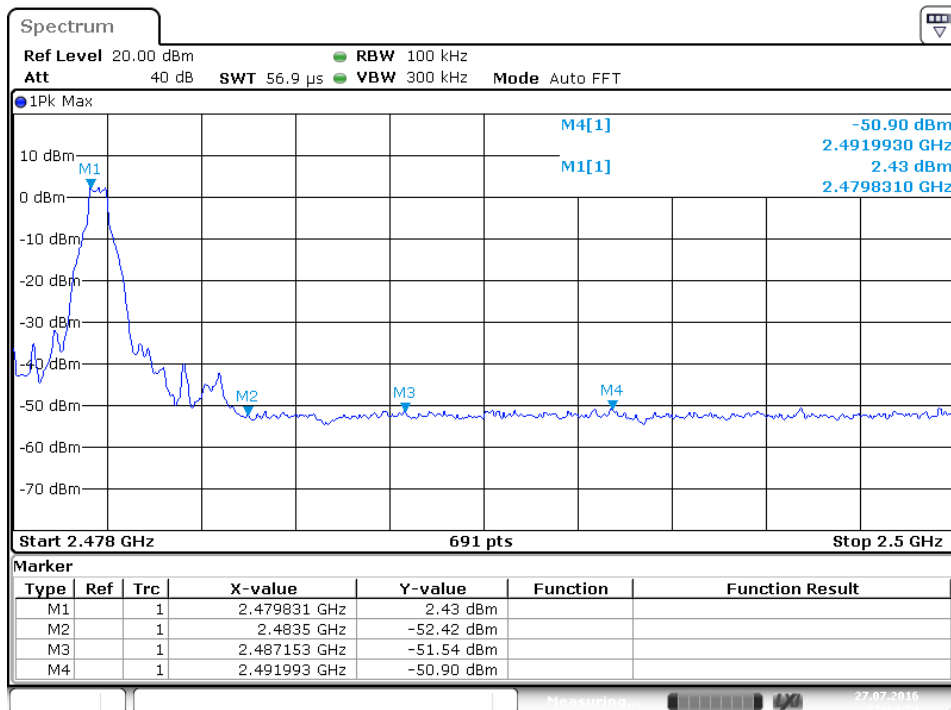
High Channel



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Band Edge


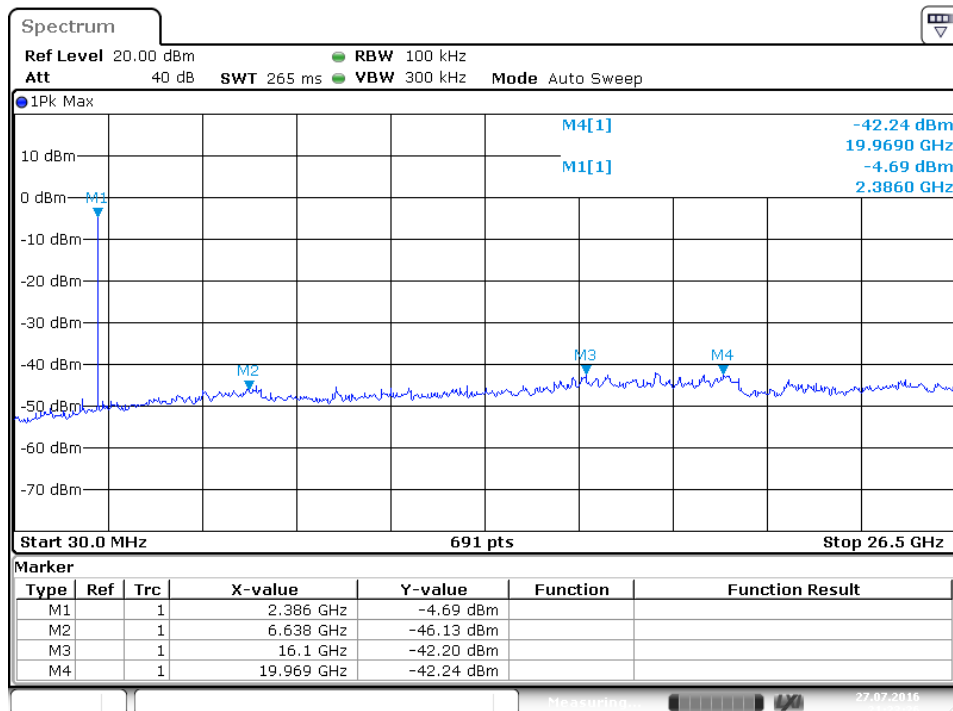
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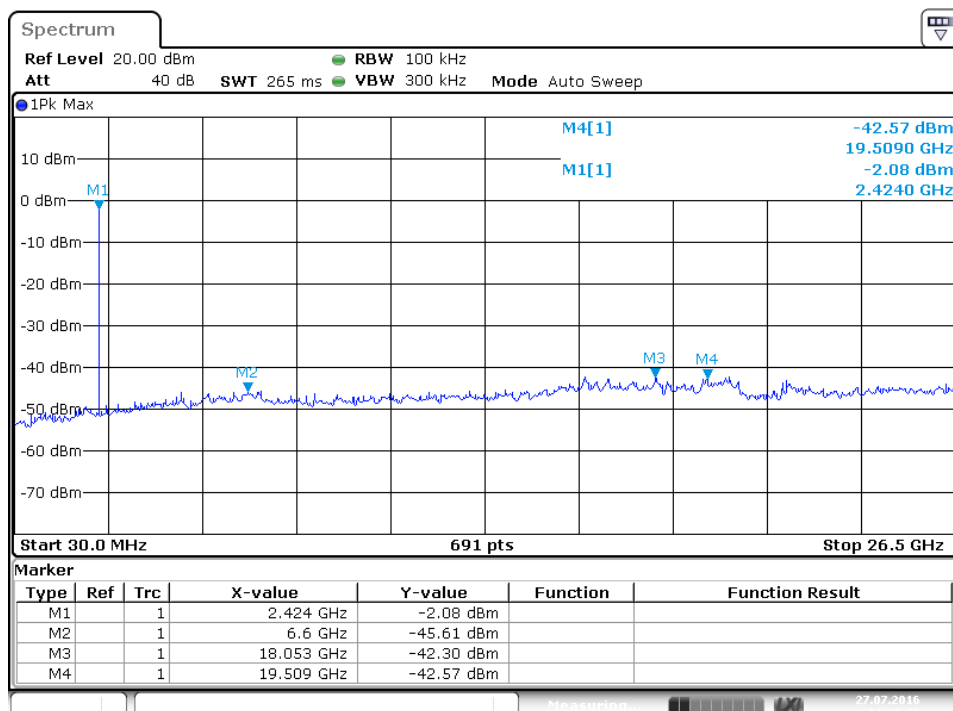
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of EDR mode

Low Channel



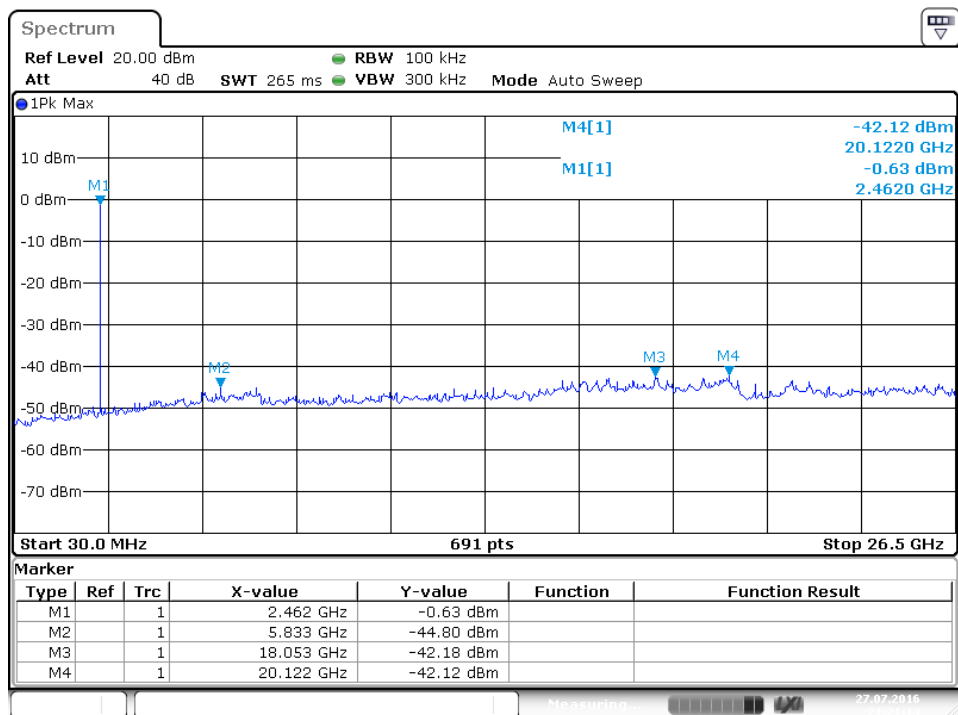
Date: 27.JUL.2016 21:23:26

Middle Channel



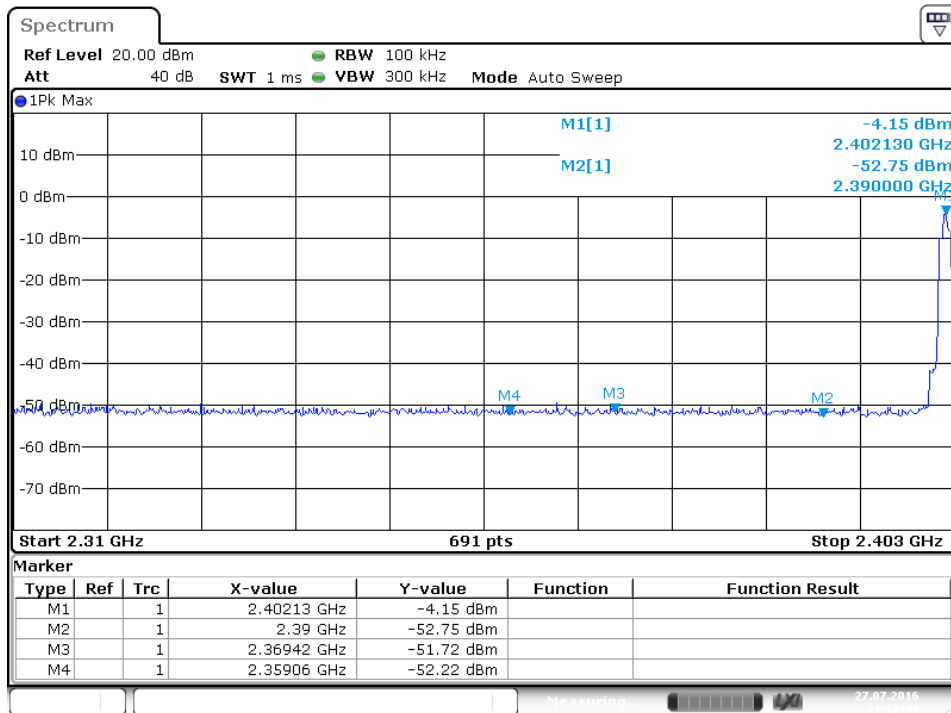
Date: 27.JUL.2016 21:22:21

High Channel

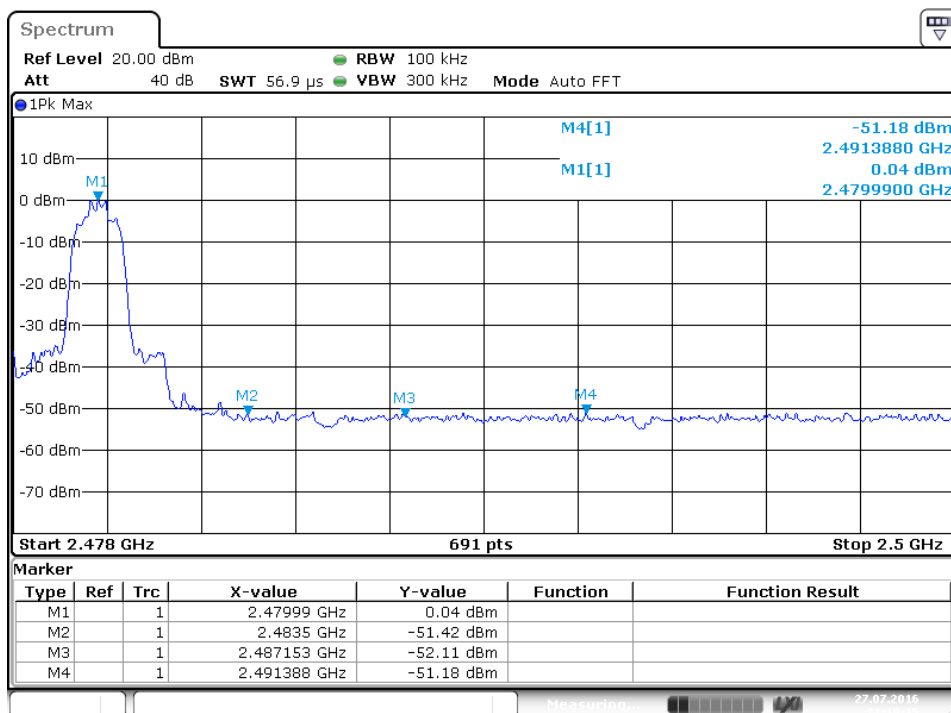


Date: 27.JUL.2016 21:21:14

Band Edge



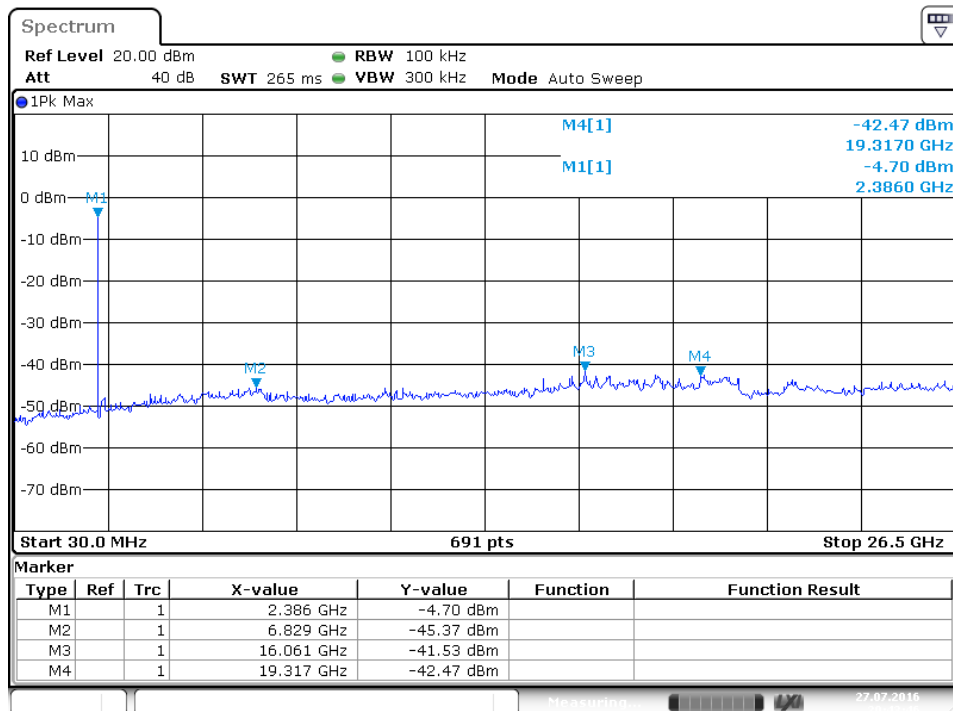
Date: 27.JUL.2016 21:17:44



Date: 27.JUL.2016 21:19:15

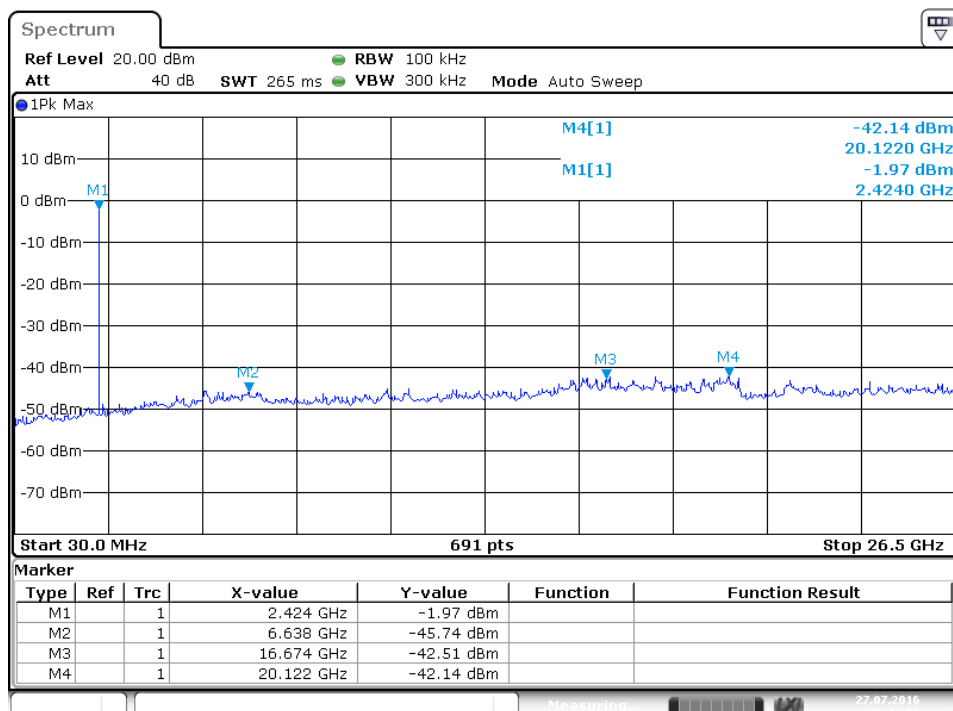
Test Plot of Conducted spurious emissions measured in 100kHz Bandwidth of Low Energy mode

Low Channel



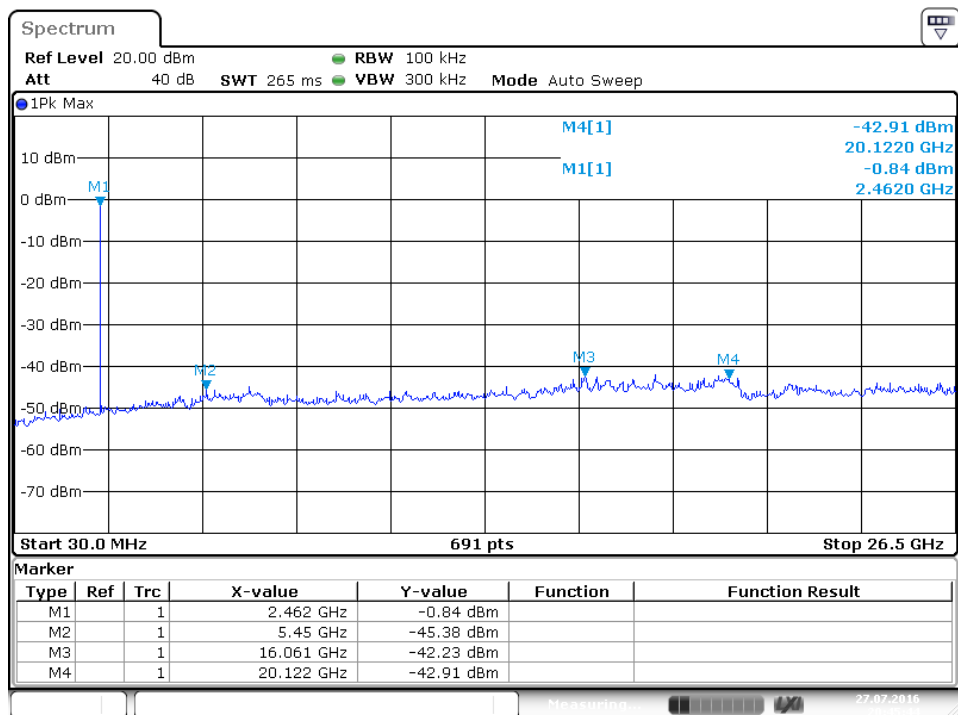
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Middle Channel



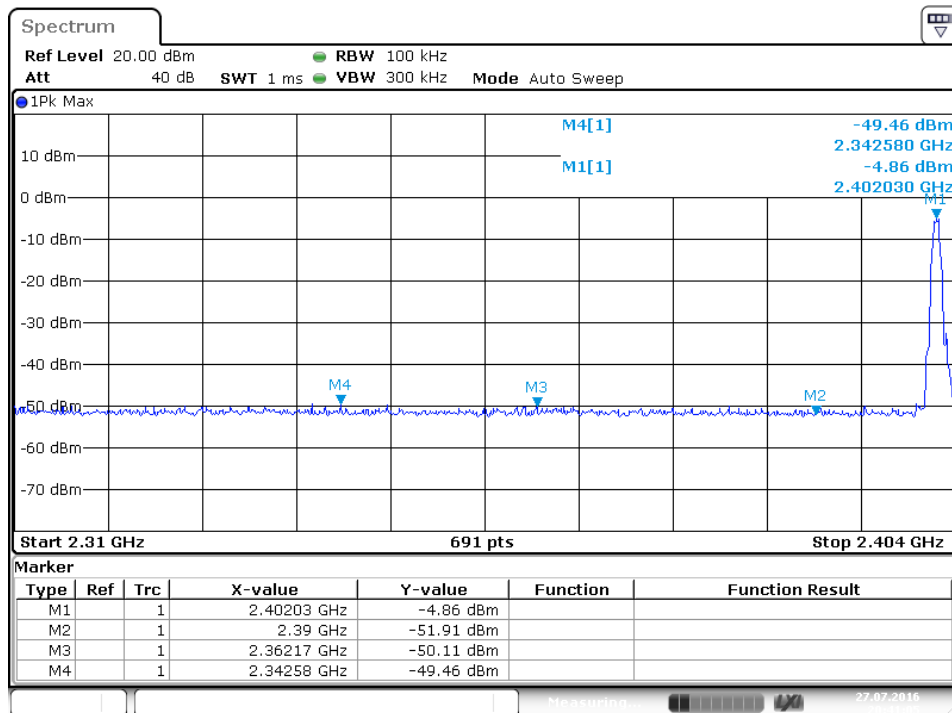
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High Channel

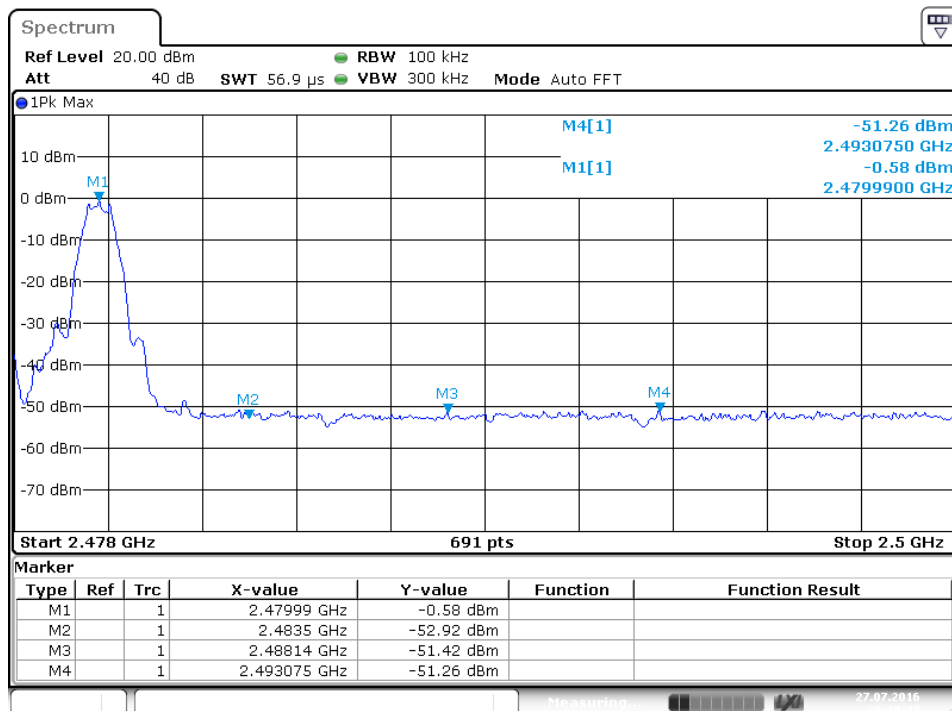


Date: 27.JUL.2016 20:45:44

Band Edge



Date: 27.JUL.2016 20:41:05



Date: 27.JUL.2016 20:39:47

Prüfbericht - Nr.: 50053988 001

Test Report No.

Seite 28 von 127

Page 28 of 127

5.1.6 Power spectral density**RESULT:****Pass**

Date of testing : 2016-07-27
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	-19.65	8	Pass
	2440	-16.91	8	Pass
	2480	-15.86	8	Pass

Prüfbericht - Nr.: 50053988 001

Test Report No.

Seite 29 von 127

Page 29 of 127

5.1.7 Spurious Emission

RESULT:**Pass**

Date of testing	:	2016-08-01
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

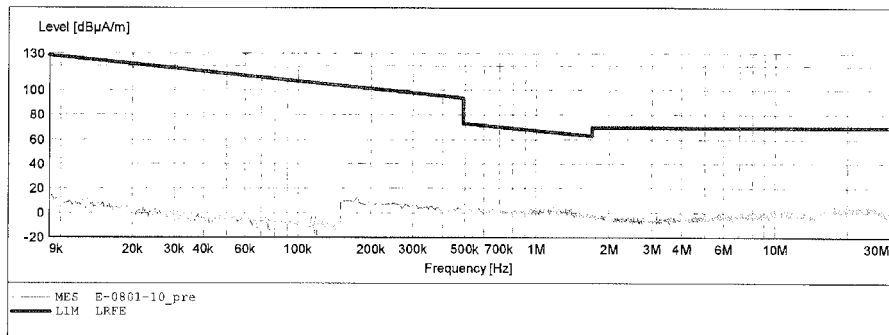
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



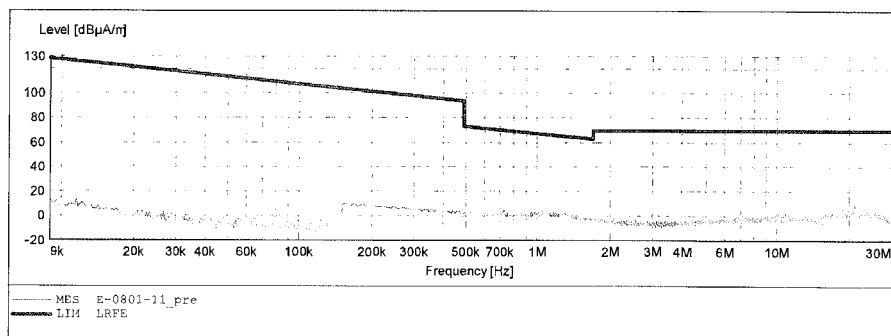
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

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



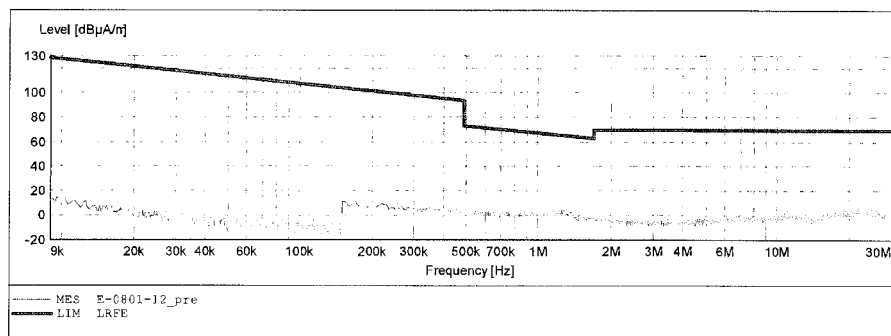
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

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



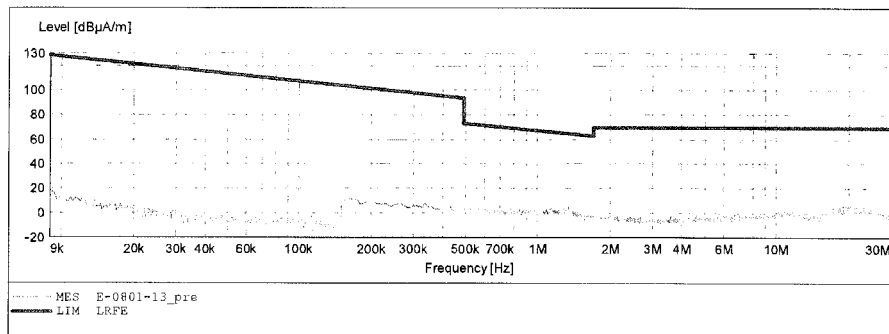
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



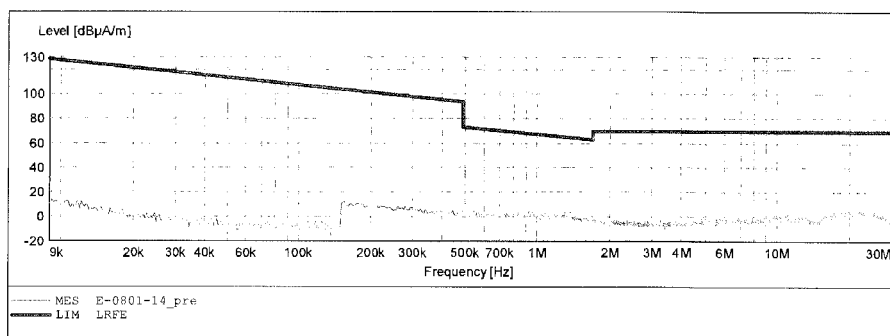
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

SCAN TABLE: "LFRE 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	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



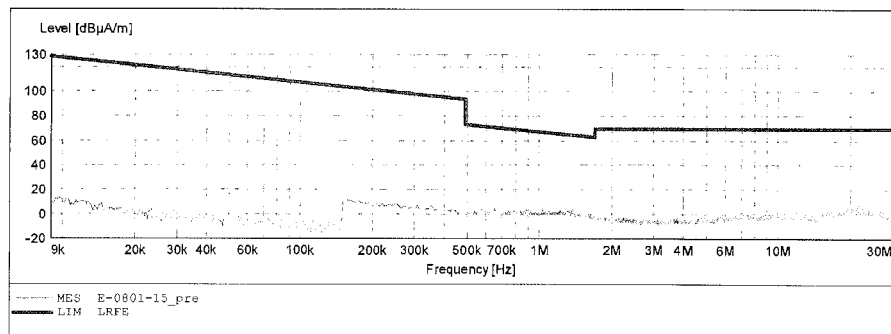
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2441MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

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



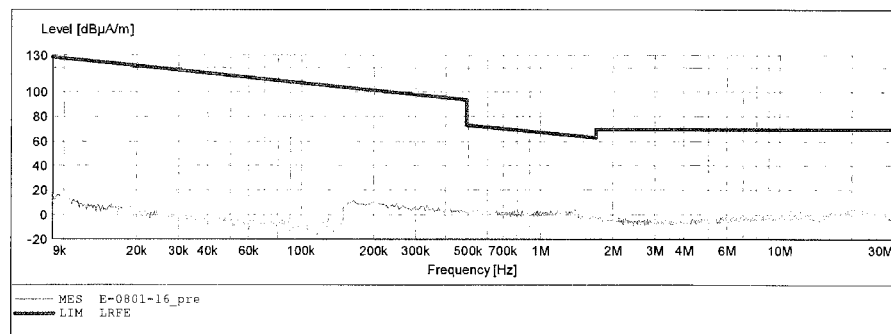
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



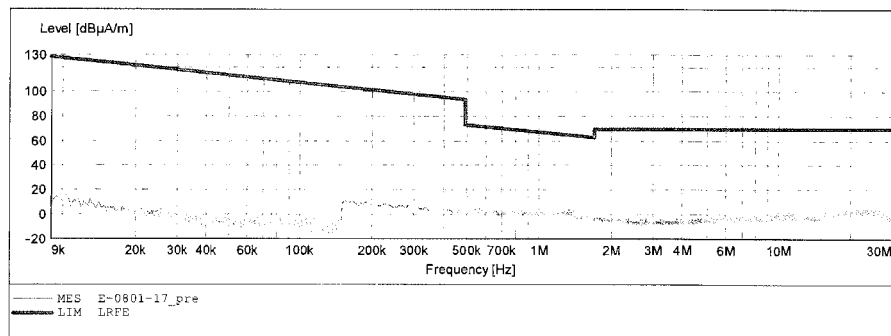
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

SCAN TABLE: "LFRE 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	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



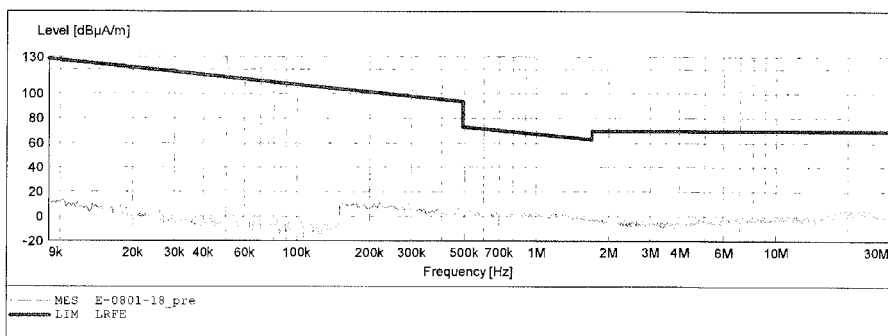
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

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

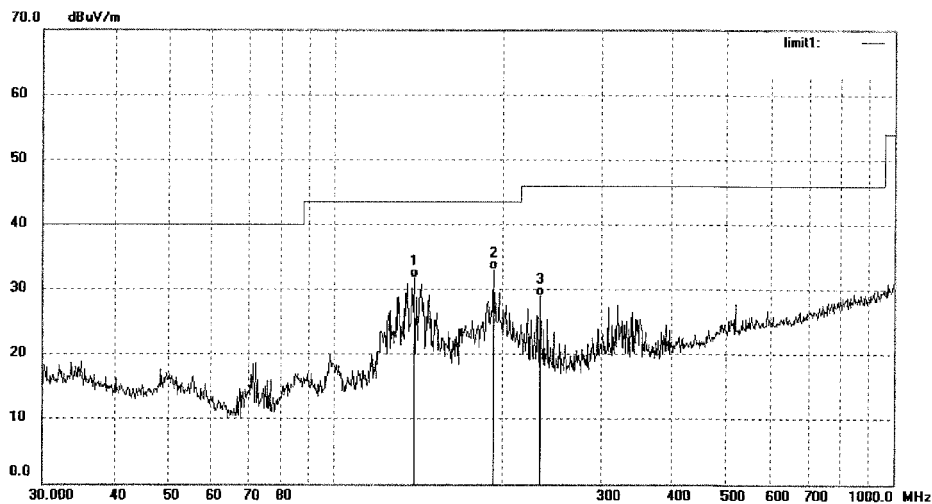
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2949
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	138.3873	46.58	-14.87	31.71	43.50	-11.79	QP			
2	192.4185	45.47	-12.56	32.91	43.50	-10.59	QP			
3	233.3487	40.05	-11.14	28.91	46.00	-17.09	QP			


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Site: 2# Chamber

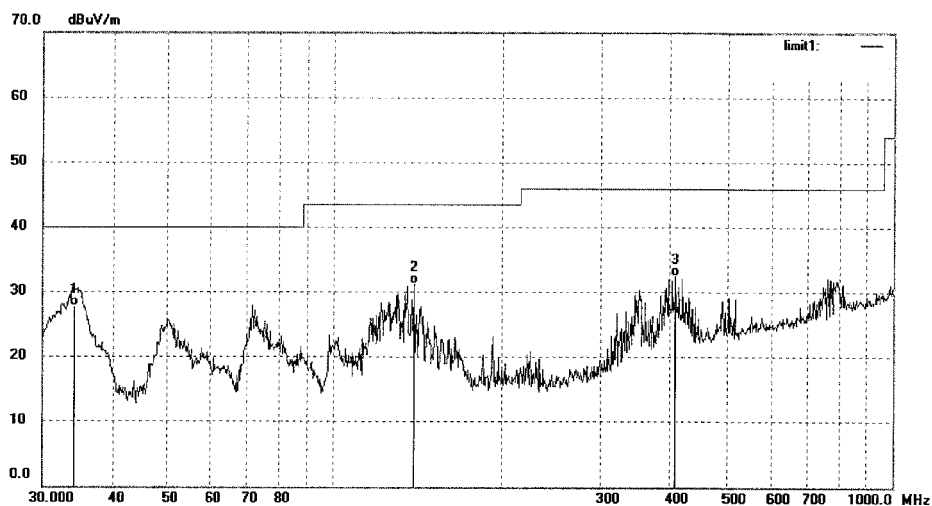
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2950
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	34.1561	37.91	-10.16	27.75	40.00	-12.25	QP			
2	138.3873	46.08	-14.87	31.21	43.50	-12.29	QP			
3	408.9460	39.06	-6.60	32.46	46.00	-13.54	QP			


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Site: 2# Chamber

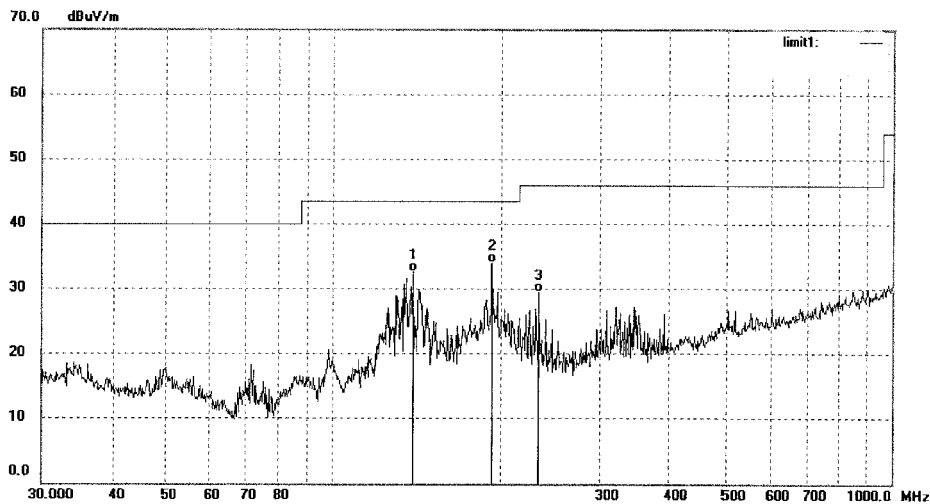
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2952
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	138.3873	47.43	-14.87	32.56	43.50	-10.94	QP			
2	192.4185	46.63	-12.56	34.07	43.50	-9.43	QP			
3	233.3487	40.63	-11.14	29.49	46.00	-16.51	QP			


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Site: 2# Chamber

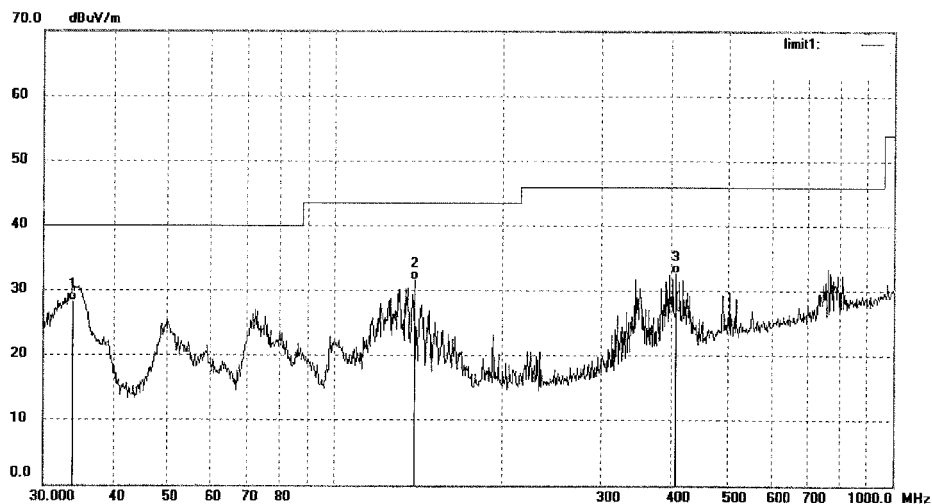
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2951
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	33.7986	38.39	-10.06	28.33	40.00	-11.67	QP			
2	138.3873	46.43	-14.87	31.56	43.50	-11.94	QP			
3	408.9460	39.32	-6.60	32.72	46.00	-13.28	QP			


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Site: 2# Chamber

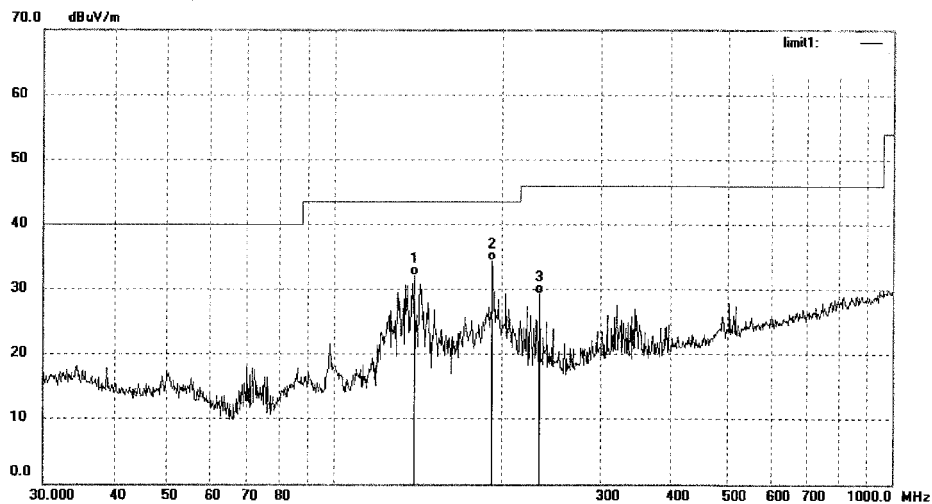
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2953
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	138.3873	46.99	-14.87	32.12	43.50	-11.38	QP			
2	191.7450	46.95	-12.59	34.36	43.50	-9.14	QP			
3	233.3487	40.39	-11.14	29.25	46.00	-16.75	QP			


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Site: 2# Chamber

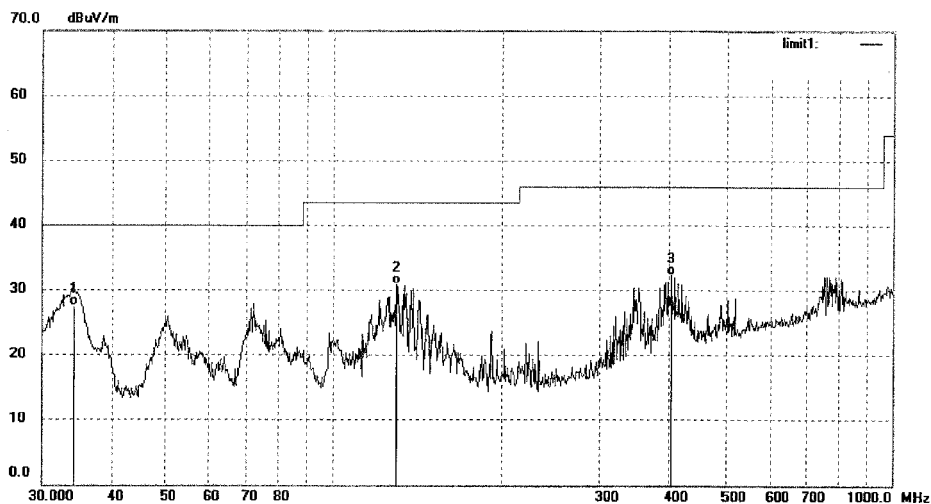
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2954
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	34.1561	37.78	-10.16	27.62	40.00	-12.38	QP			
2	129.0146	44.67	-13.84	30.83	43.50	-12.67	QP			
3	403.2500	39.08	-6.76	32.32	46.00	-13.68	QP			


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Site: 2# Chamber

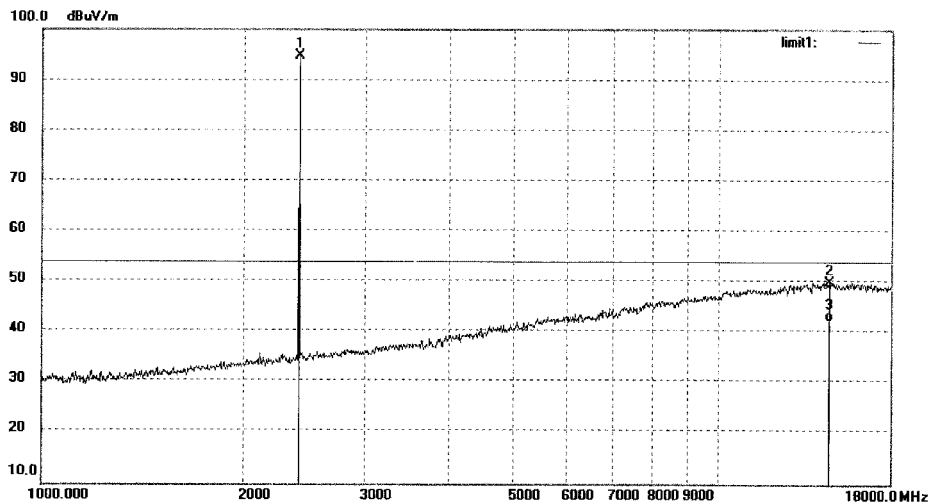
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2977
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	102.06	-7.45	94.61	/	/	peak			
2	14575.975	7.66	42.37	50.03	74.00	-23.97	peak			
3	14575.975	-0.12	42.37	42.25	54.00	-11.75	AVG			


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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2978

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

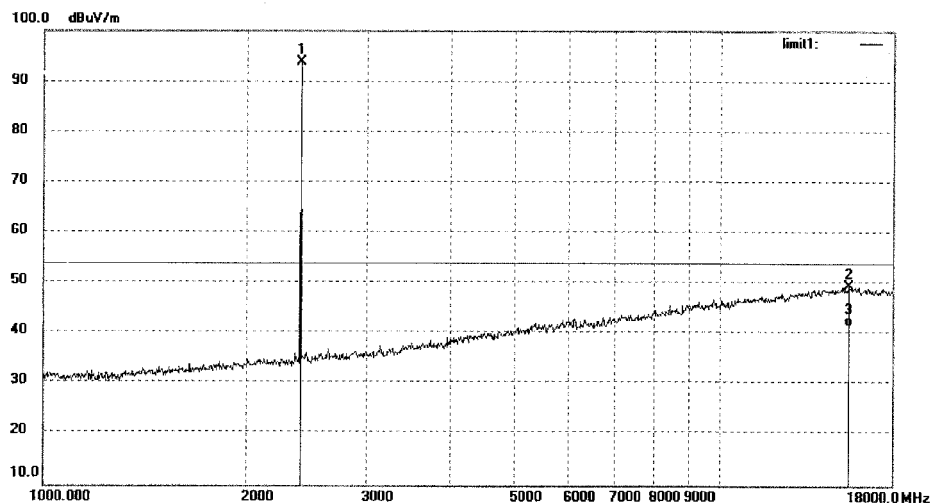
Date: 2016-7-28

Time:

Engineer Signature: LGWADE

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	101.17	-7.45	93.72	/	/	peak			
2	15532.938	9.33	40.09	49.42	74.00	-24.58	peak			
3	15532.938	1.57	40.09	41.66	54.00	-12.34	AVG			


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Site: 2# Chamber

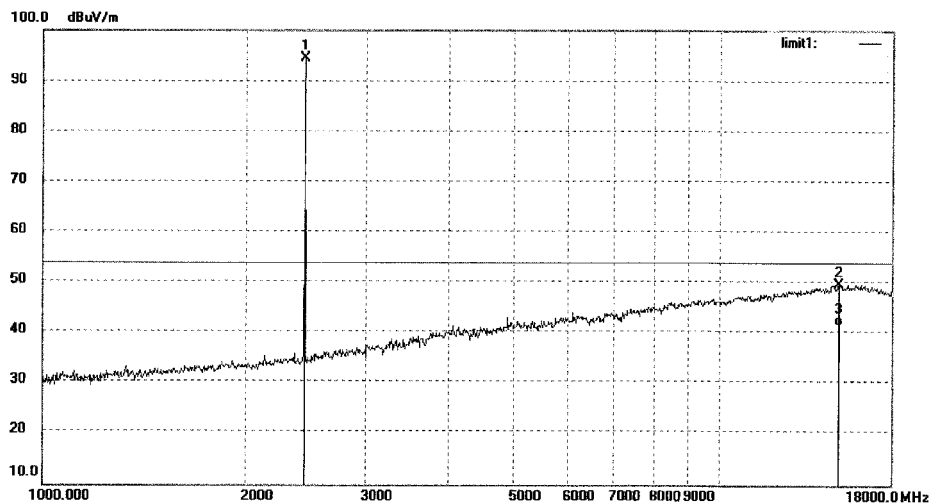
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2981
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	101.94	-7.35	94.59	/	/	peak			
2	15046.851	8.68	41.01	49.69	74.00	-24.31	peak			
3	15046.851	0.55	41.01	41.56	54.00	-12.44	AVG			


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Site: 2# Chamber

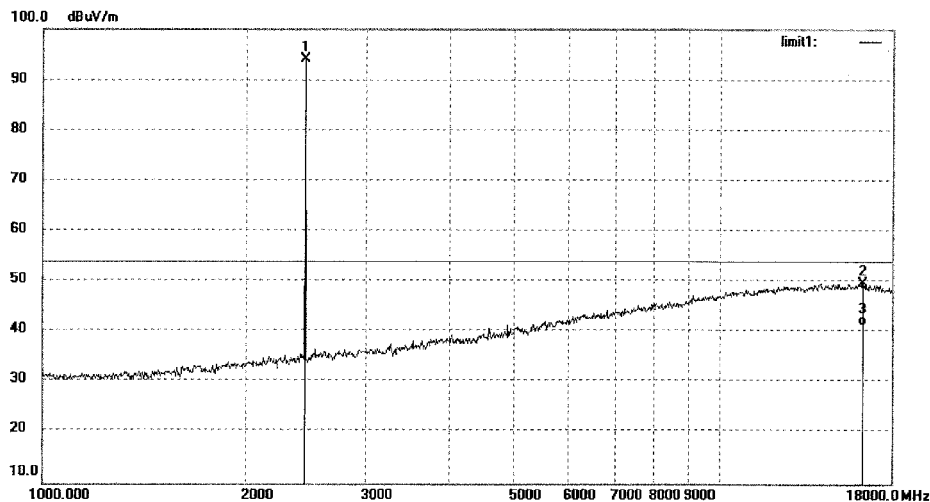
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2982
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	101.29	-7.35	93.94	/	/	peak			
2	16315.231	9.56	40.19	49.75	74.00	-24.25	peak			
3	16315.231	1.14	40.19	41.33	54.00	-12.67	AVG			


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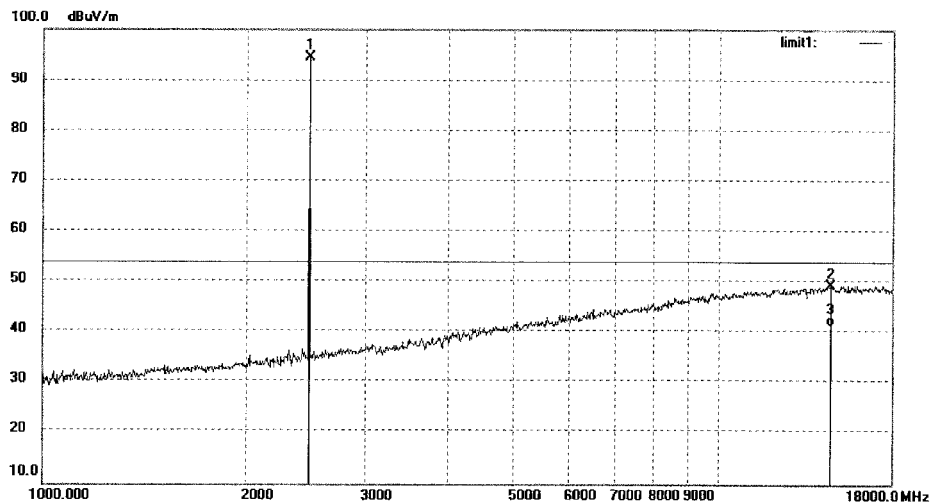
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2984
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	101.97	-7.37	94.60	/	/	peak			
2	14660.479	7.24	42.12	49.36	74.00	-24.64	peak			
3	14660.479	-0.79	42.12	41.33	54.00	-12.67	AVG			


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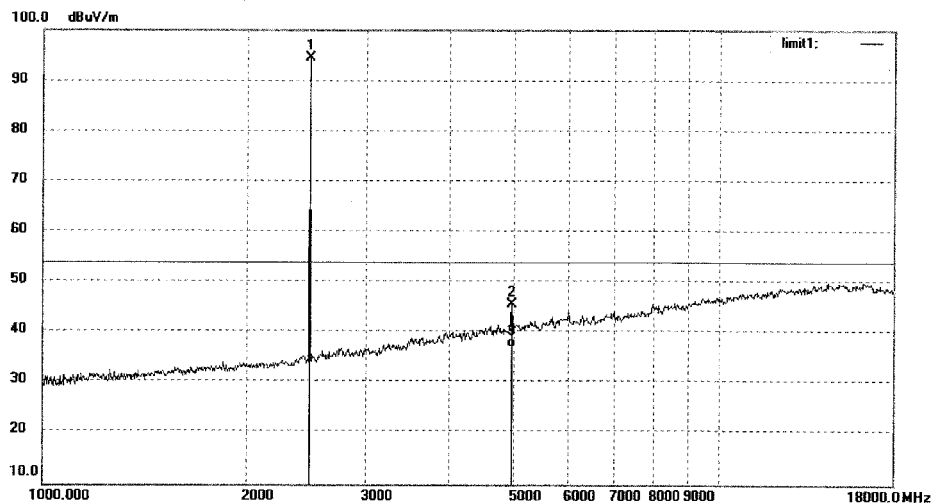
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2983
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	101.82	-7.37	94.45	/	/	peak			
2	4960.000	45.16	0.52	45.68	74.00	-28.32	peak			
3	4960.000	36.58	0.52	37.10	54.00	-16.90	AVG			


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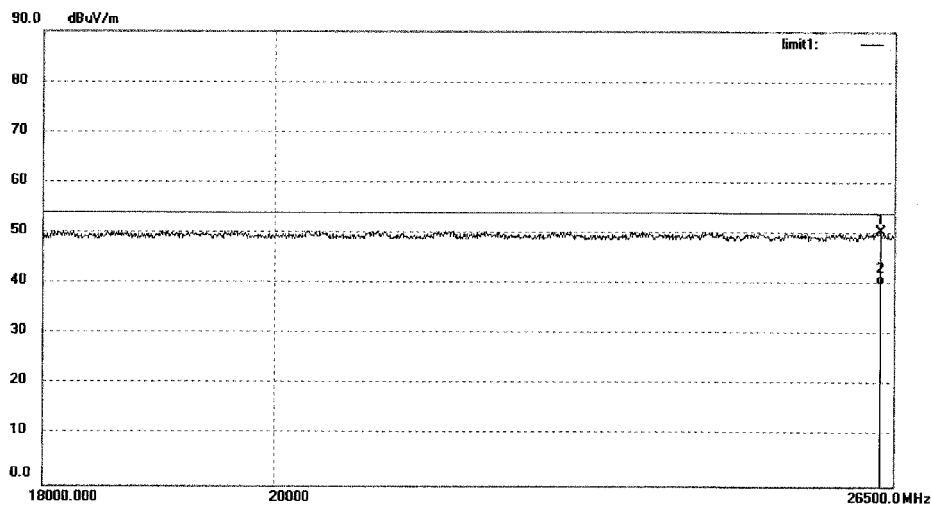
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2988
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26336.515	33.93	16.50	50.43	74.00	-23.57	peak			
2	26336.515	23.54	16.50	40.04	54.00	-13.96	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 52 von 127
Page 52 of 127

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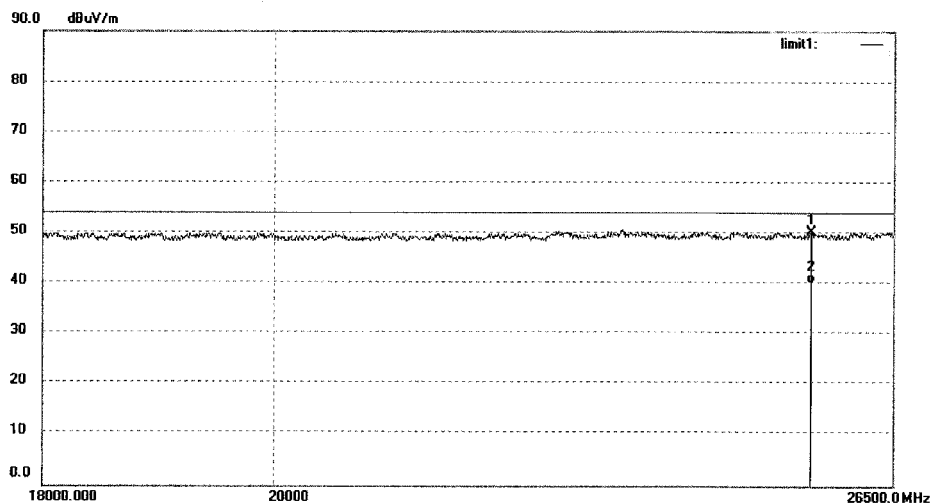
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2987
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	25543.970	32.70	17.54	50.24	74.00	-23.76	peak			
2	25543.970	22.56	17.54	40.10	54.00	-13.90	AVG			


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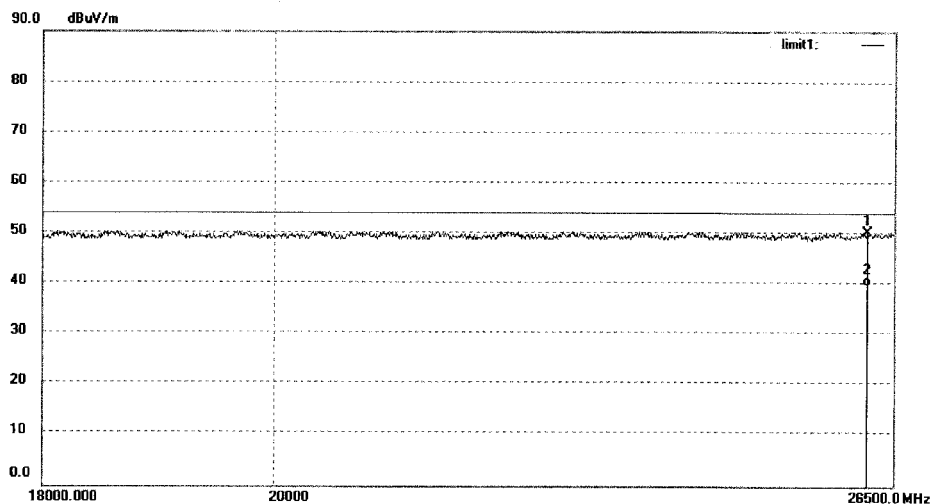
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2989
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	33.69	16.50	50.19	74.00	-23.81	peak			
2	26184.163	23.21	16.50	39.71	54.00	-14.29	AVG			


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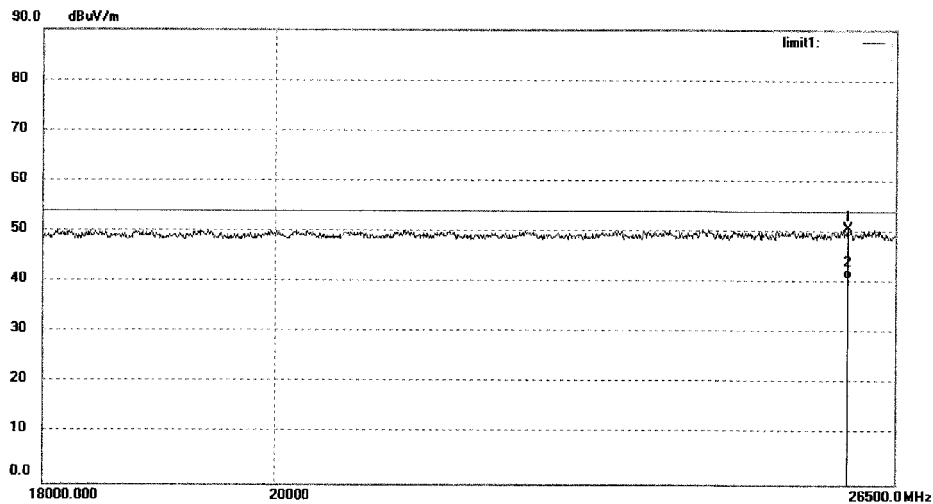
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2990
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2441MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	25932.200	33.37	17.28	50.65	74.00	-23.35	peak			
2	25932.200	23.64	17.28	40.92	54.00	-13.08	AVG			


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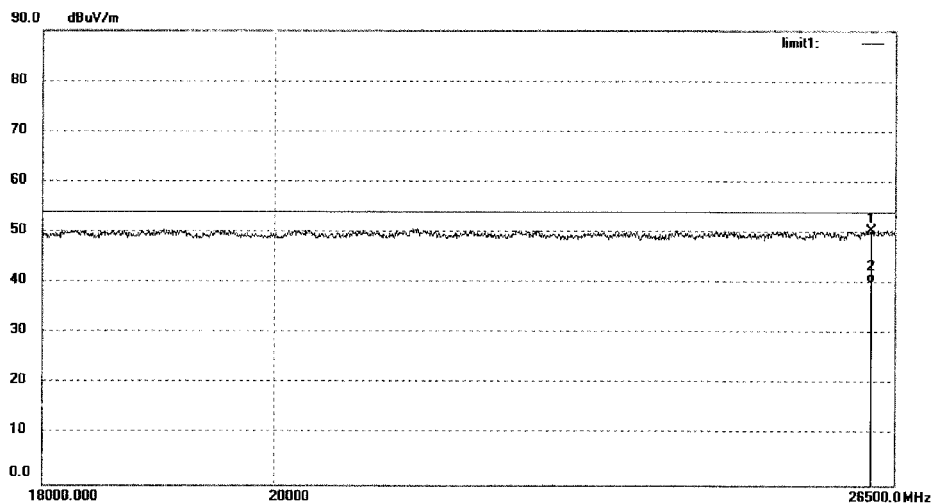
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2992
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26224.704	33.97	16.50	50.47	74.00	-23.53	peak			
2	26224.704	23.66	16.50	40.16	54.00	-13.84	AVG			


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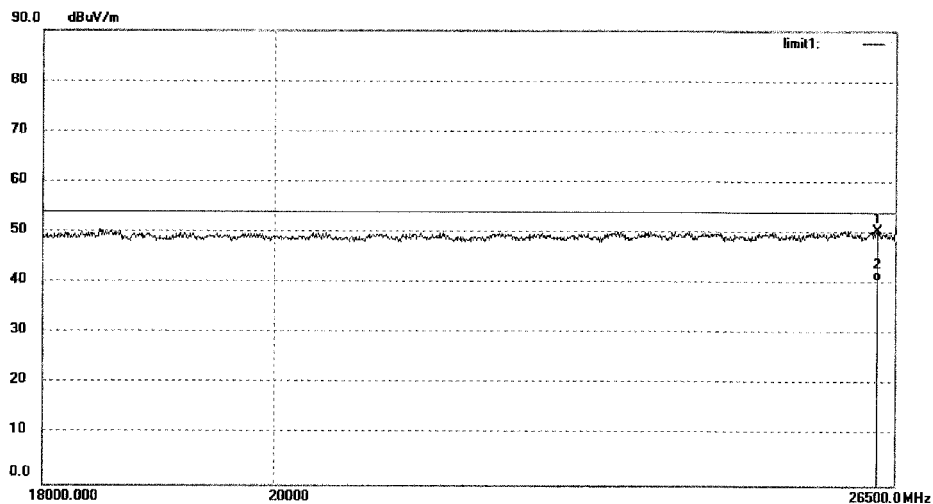
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2991
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26285.633	33.38	17.04	50.42	74.00	-23.58	peak			
2	26285.633	23.55	17.04	40.59	54.00	-13.41	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 57 von 127
Page 57 of 127

Test Plot of Band Edge of Bluetooth 3.0


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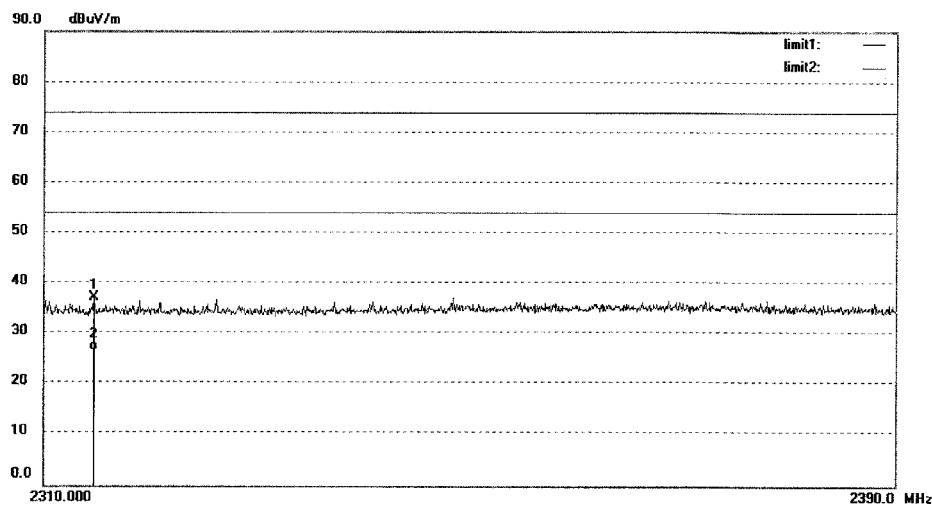
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2980
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2314.640	44.95	-7.81	37.14	74.00	-36.86	peak			
2	2314.640	34.56	-7.81	26.75	54.00	-27.25	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 58 von 127
Page 58 of 127

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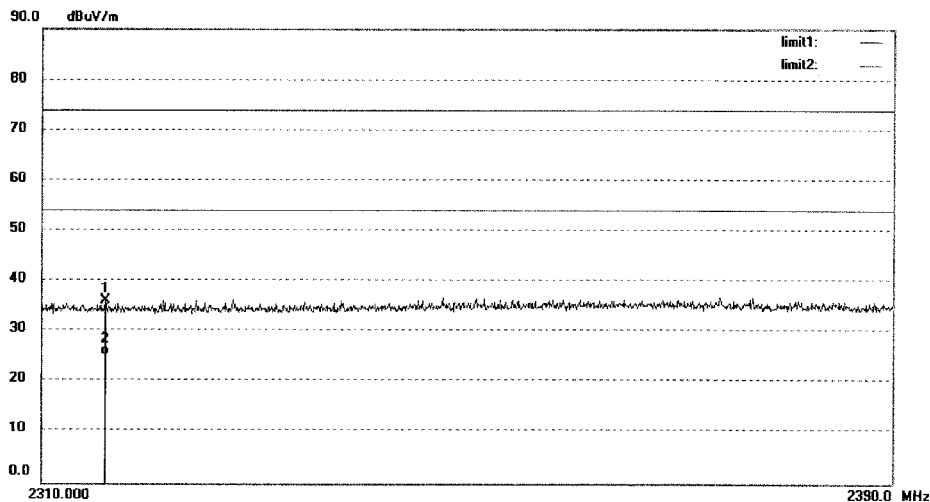
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2979
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2315.840	43.83	-7.81	36.02	74.00	-37.98	peak			
2	2315.840	33.20	-7.81	25.39	54.00	-28.61	AVG			


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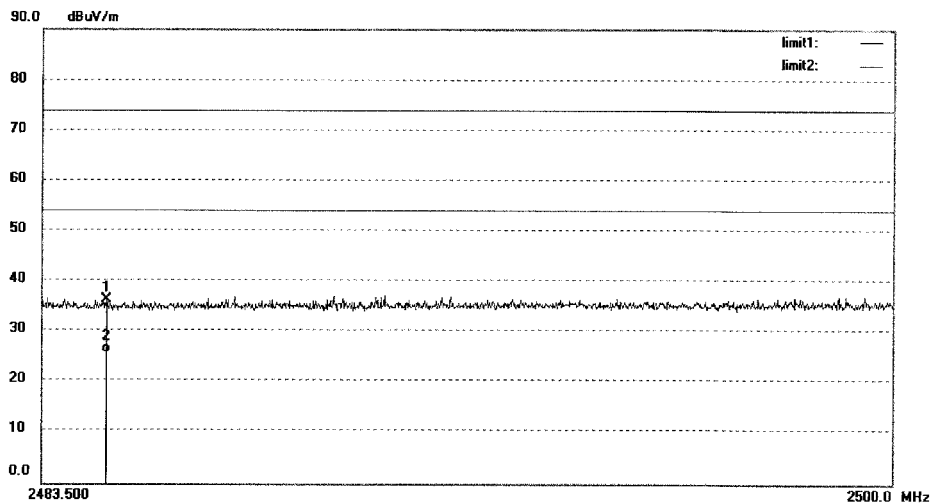
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2985
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2484.738	43.61	-7.38	36.23	74.00	-37.77	peak			
2	2484.738	33.25	-7.38	25.87	54.00	-28.13	AVG			


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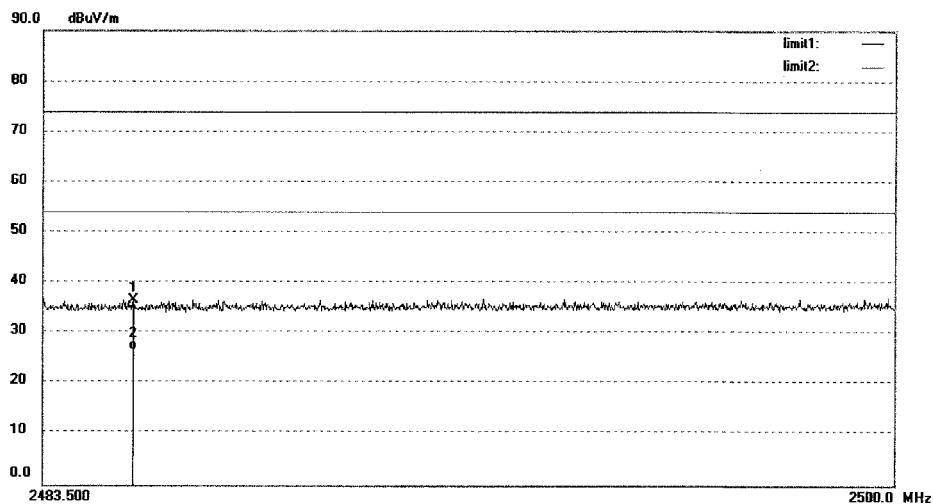
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2986
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2485.249	43.87	-7.38	36.49	74.00	-37.51	peak			
2	2485.249	33.95	-7.38	26.57	54.00	-27.43	AVG			

Test Plot of Spurious Emission of Bluetooth Low Energy mode

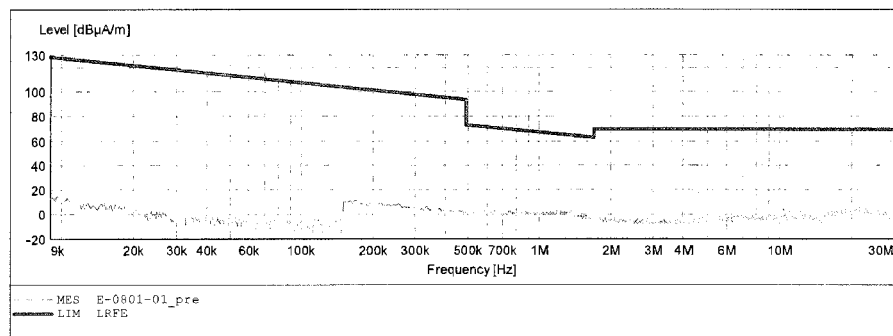
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FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



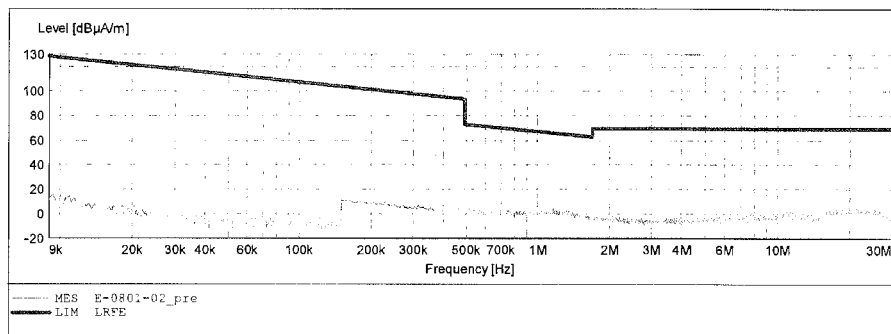
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

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



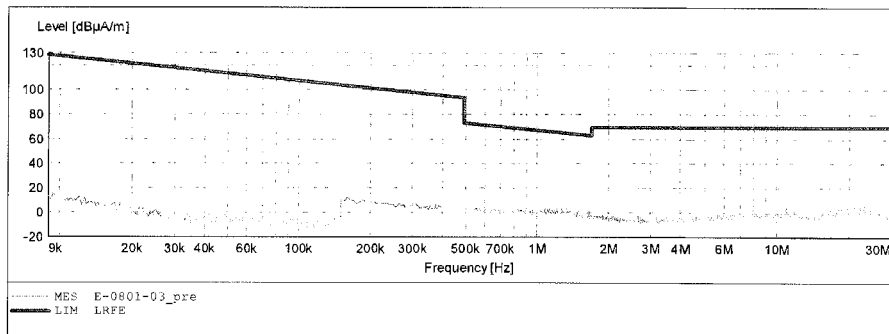
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FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2402MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

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



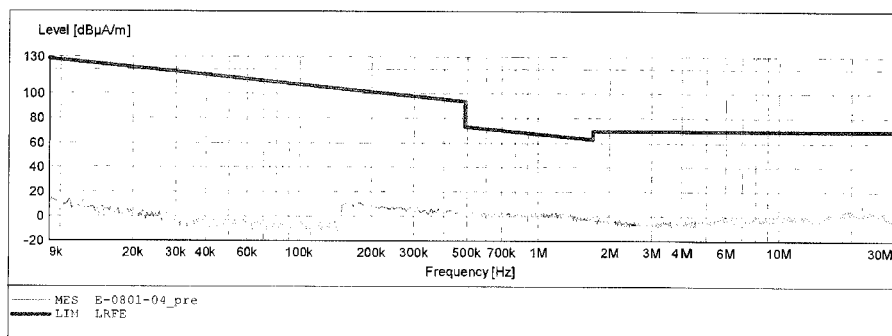
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FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



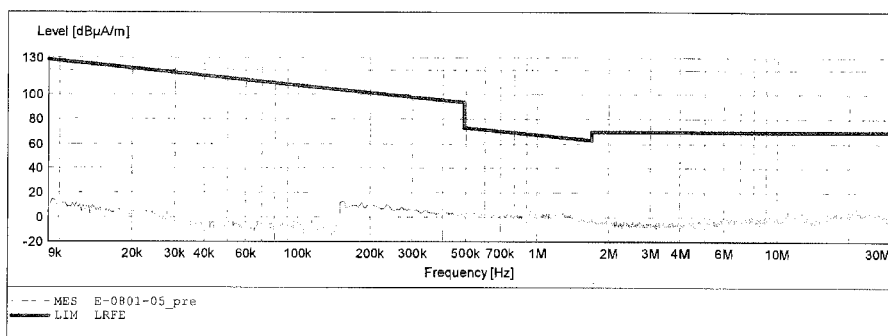
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

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



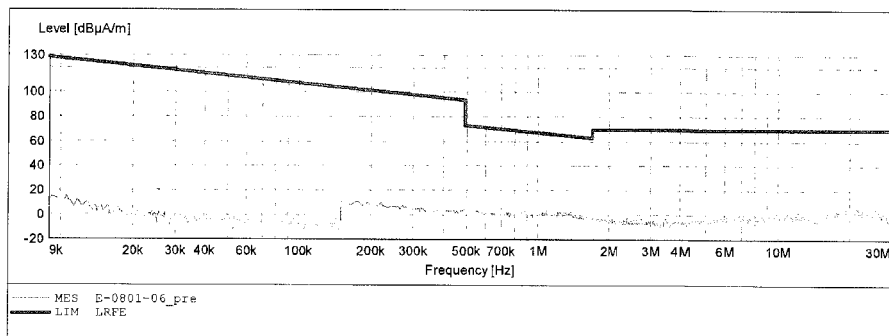
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FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2440MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

SCAN TABLE: "LFRE 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	1516M
150.0 kHz	30.0 MHz	5.0 kHz	QuasiPeak	1.0 s	9 kHz	1516M



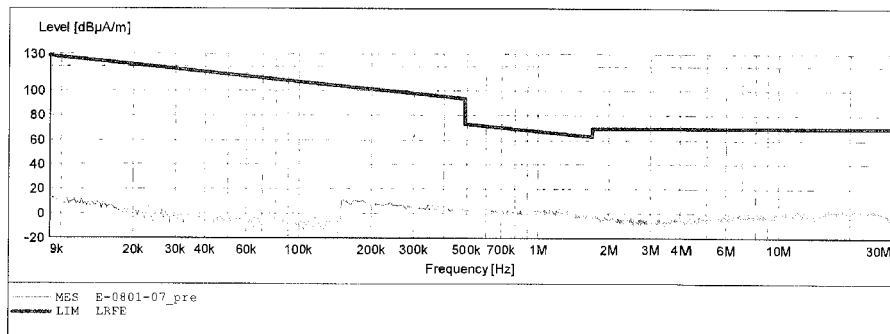
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FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2016-08-01 /

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



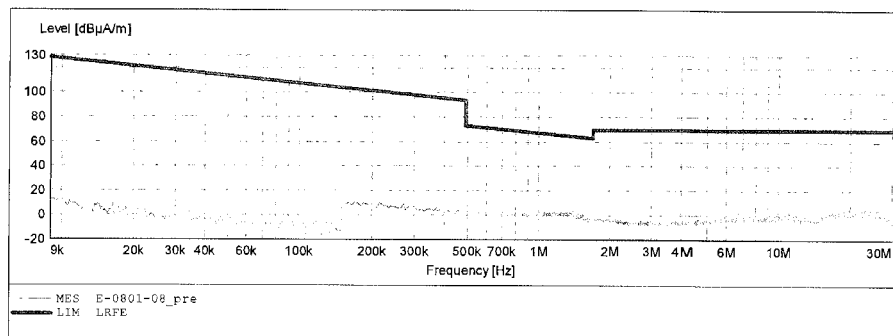
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2016-08-01 /

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



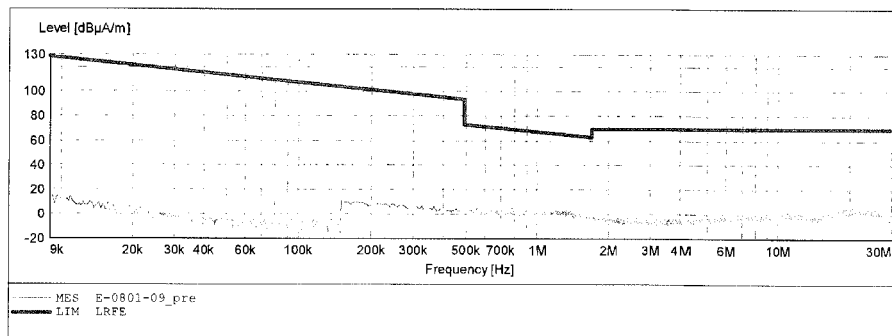
ACCURATE TECHNOLOGY CO., LTD.

FCC Class B 3M Radiated

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: TX 2480MHz
 Test Site: 2# Chamber
 Operator: LGWADE
 Test Specification: AC 120V/60Hz
 Comment: Z
 Start of Test: 2016-08-01 /

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

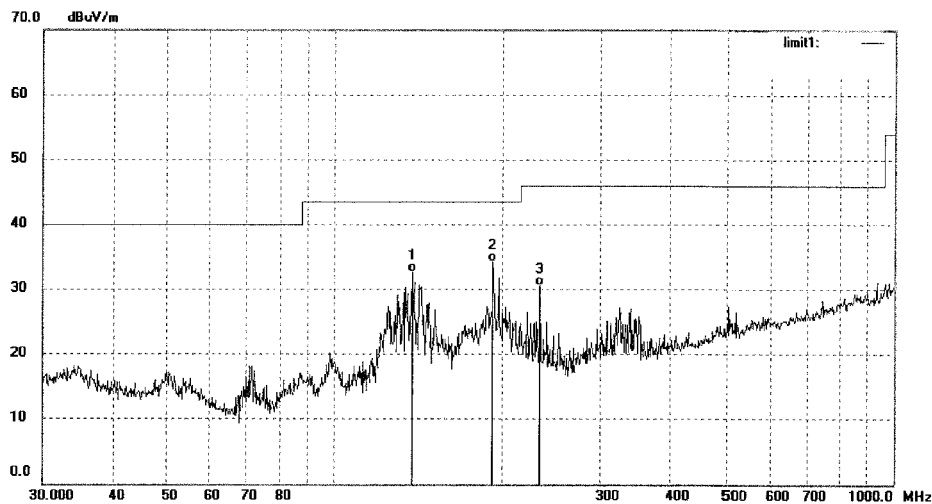
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2956
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	137.4201	47.33	-14.64	32.69	43.50	-10.81	QP			
2	191.7450	46.77	-12.59	34.18	43.50	-9.32	QP			
3	233.3487	41.66	-11.14	30.52	46.00	-15.48	QP			


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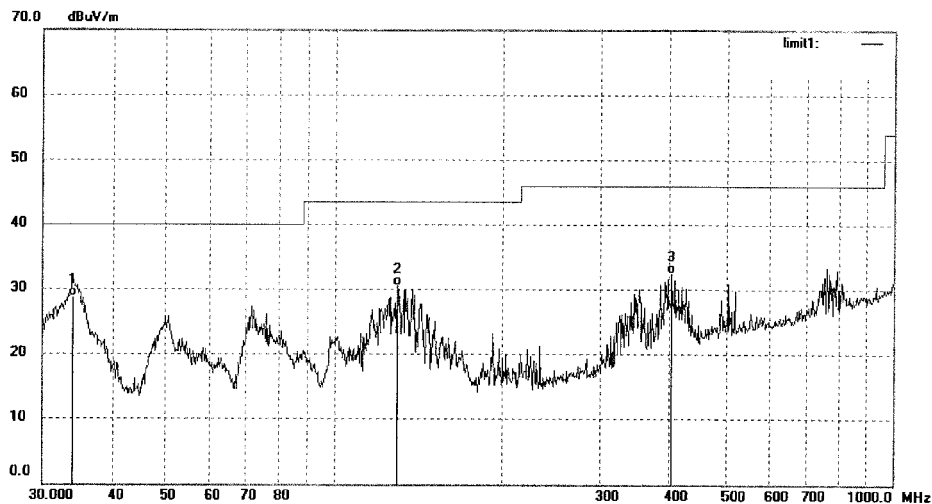
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2955
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	33.9174	38.84	-10.10	28.74	40.00	-11.26	QP			
2	129.0146	44.37	-13.84	30.53	43.50	-12.97	QP			
3	403.2500	39.19	-6.76	32.43	46.00	-13.57	QP			


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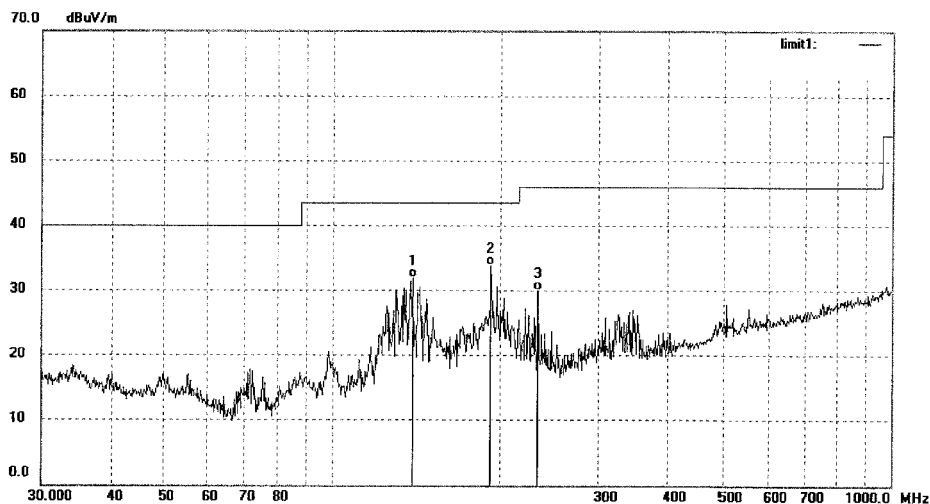
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2957
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	138.3873	46.82	-14.87	31.95	43.50	-11.55	QP			
2	191.7450	46.40	-12.59	33.81	43.50	-9.69	QP			
3	233.3487	41.15	-11.14	30.01	46.00	-15.99	QP			


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Site: 2# Chamber

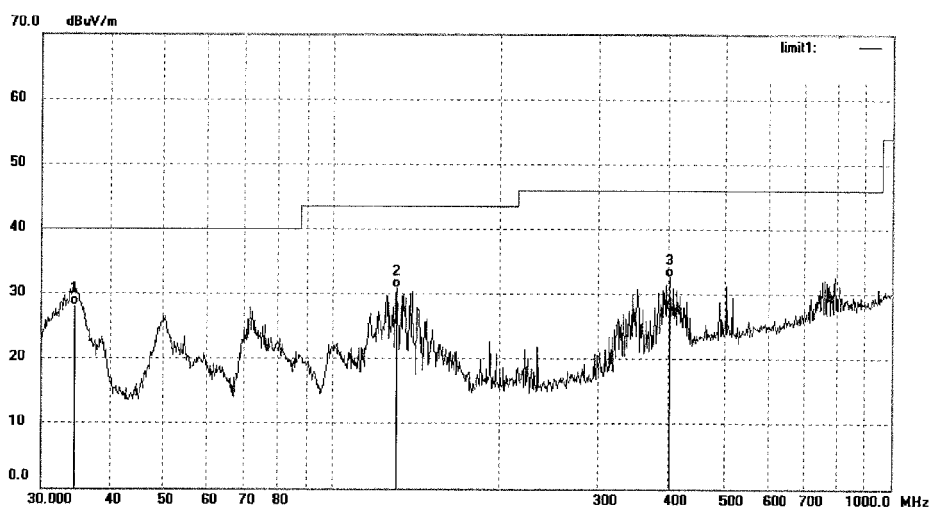
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2958
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	34.3963	38.39	-10.24	28.15	40.00	-11.85	QP			
2	129.9225	44.79	-13.86	30.93	43.50	-12.57	QP			
3	403.2500	39.48	-6.76	32.72	46.00	-13.28	QP			


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Site: 2# Chamber

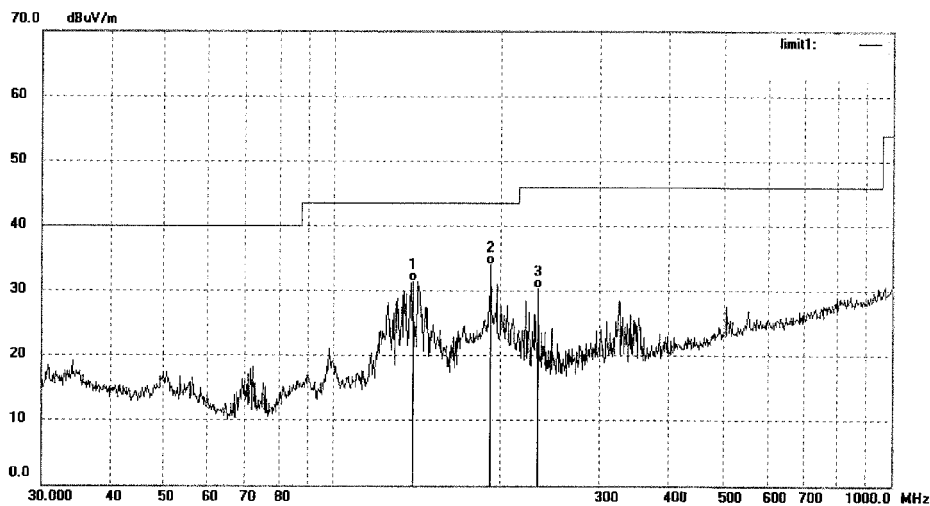
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2960
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	138.3873	46.26	-14.87	31.39	43.50	-12.11	QP			
2	191.7450	46.64	-12.59	34.05	43.50	-9.45	QP			
3	233.3487	41.52	-11.14	30.38	46.00	-15.62	QP			


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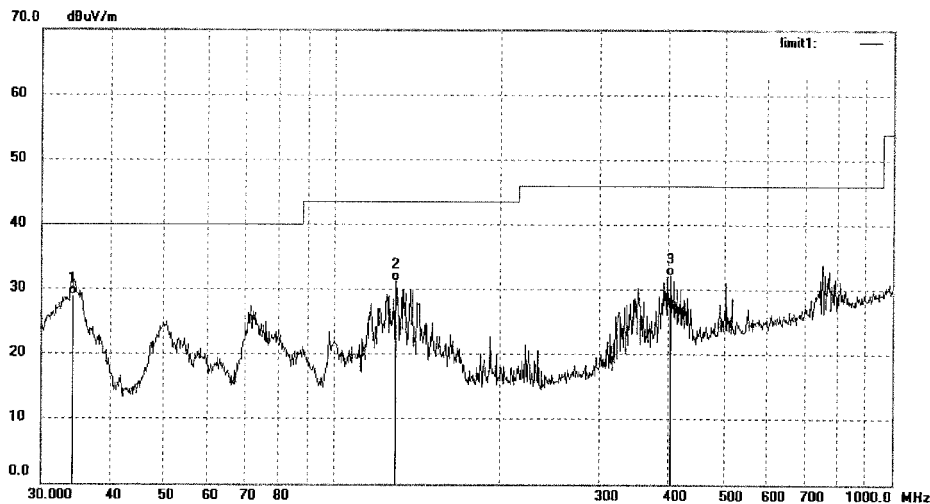
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2959
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/28/
Time:
Engineer Signature: LGWADE
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	34.0363	39.12	-10.13	28.99	40.00	-11.01	QP			
2	129.0146	45.07	-13.84	31.23	43.50	-12.27	QP			
3	403.2500	38.81	-6.76	32.05	46.00	-13.95	QP			


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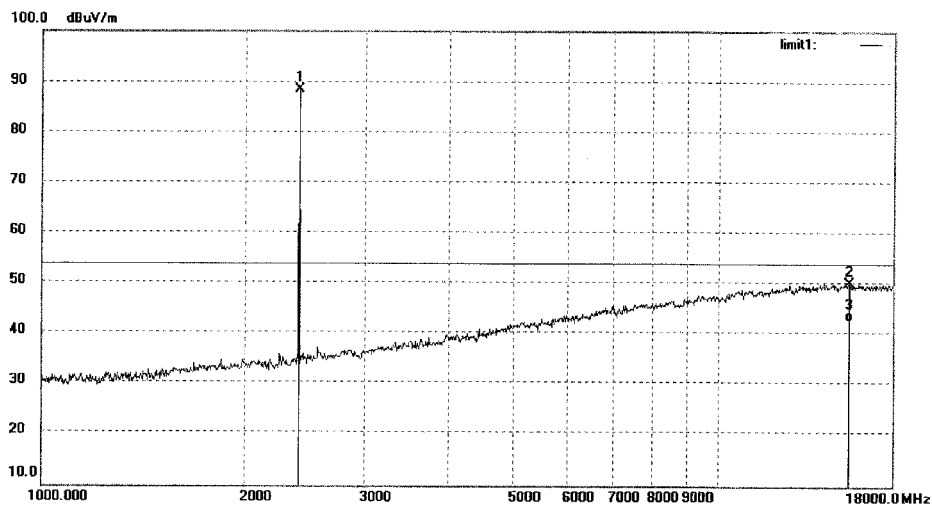
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2993
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	95.91	-7.45	88.46	/	/	peak			
2	15577.899	10.06	40.08	50.14	74.00	-23.86	peak			
3	15577.899	2.55	40.08	42.63	54.00	-11.37	AVG			


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Job No.: Igwade #2994

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: TX 2402MHz

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Vertical

Power Source: AC 120V/60Hz

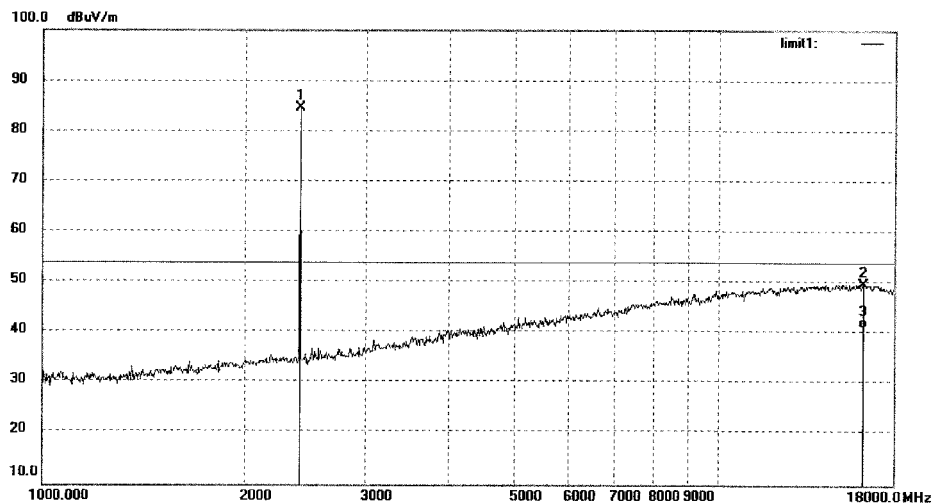
Date: 2016-7-28

Time:

Engineer Signature: LGWADE

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	92.13	-7.45	84.68	/	/	peak			
2	16221.189	9.68	40.13	49.81	74.00	-24.19	peak			
3	16221.189	1.10	40.13	41.23	54.00	-12.77	AVG			


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Job No.: lgwade #2997

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: TX 2440MHz

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

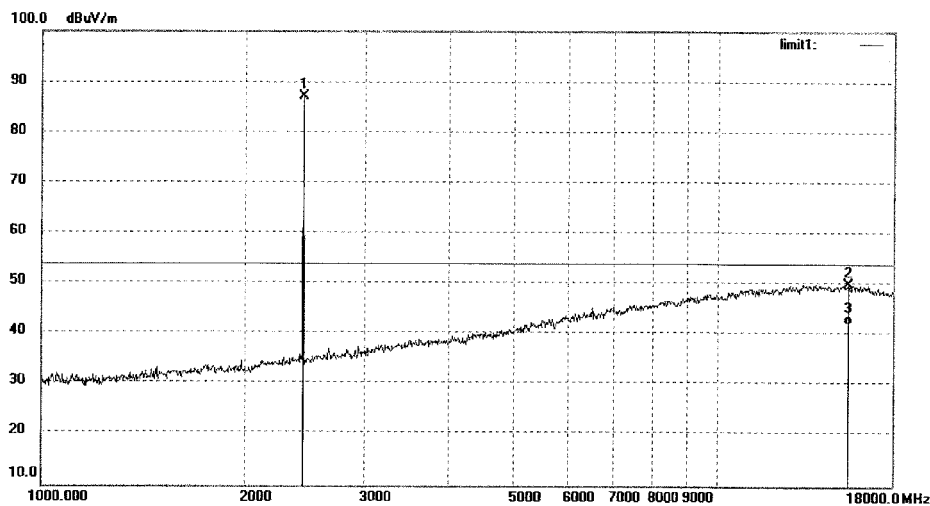
Date: 2016-7-28

Time:

Engineer Signature: LGWADE

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	94.32	-7.36	86.96	/	/	peak			
2	15532.938	9.74	40.09	49.83	74.00	-24.17	peak			
3	15532.938	1.86	40.09	41.95	54.00	-12.05	AVG			


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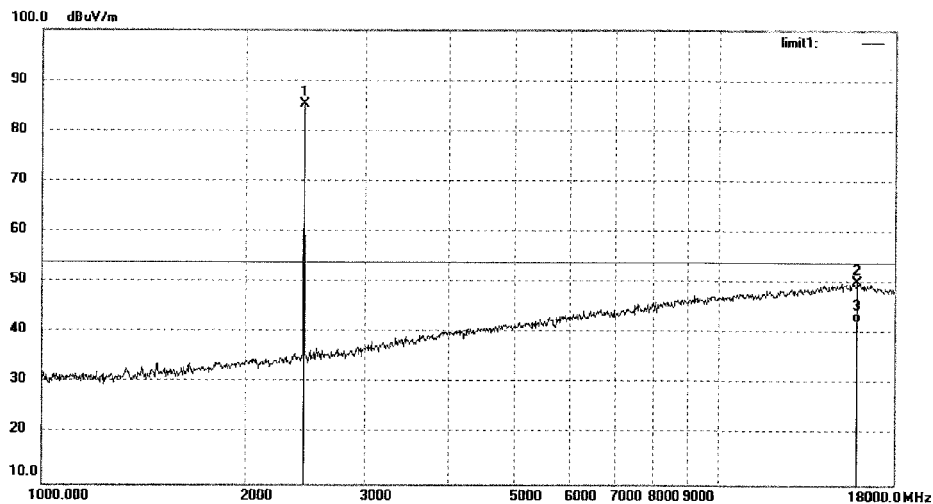
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2998
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	92.55	-7.36	85.19	/	/	peak			
2	15896.290	10.04	40.02	50.06	74.00	-23.94	peak			
3	15896.290	2.18	40.02	42.20	54.00	-11.80	AVG			


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Fax:+86-0755-26503396

Job No.: lgwade #3000

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

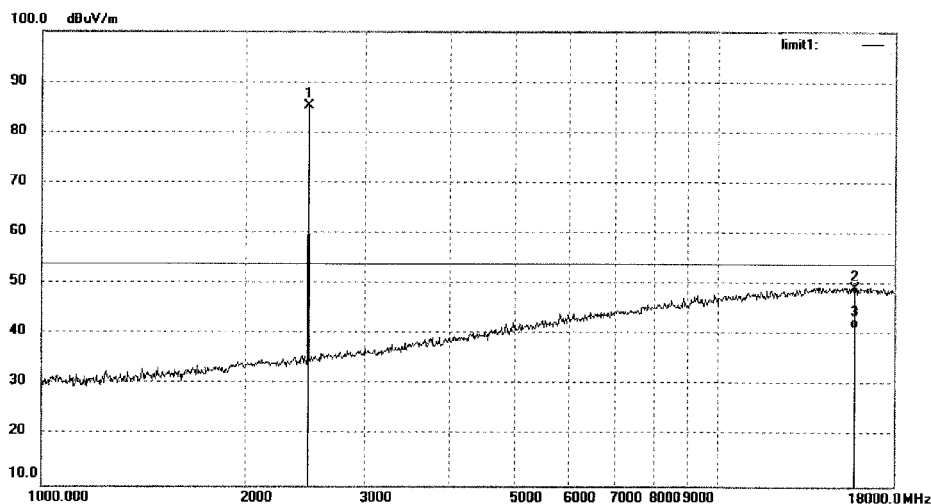
Date: 2016-7-28

Time:

Engineer Signature: LGWADE

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	92.58	-7.37	85.21	/	/	peak			
2	15759.048	9.32	40.05	49.37	74.00	-24.63	peak			
3	15759.048	1.30	40.05	41.35	54.00	-12.65	AVG			


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Site: 2# Chamber

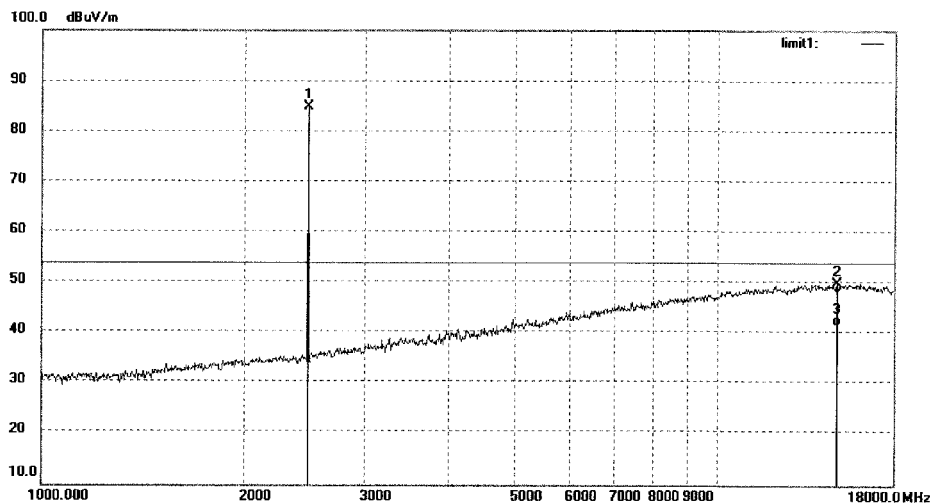
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2999
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	92.24	-7.37	84.87	/	/	peak			
2	14873.888	8.42	41.48	49.90	74.00	-24.10	peak			
3	14873.888	0.14	41.48	41.62	54.00	-12.38	AVG			


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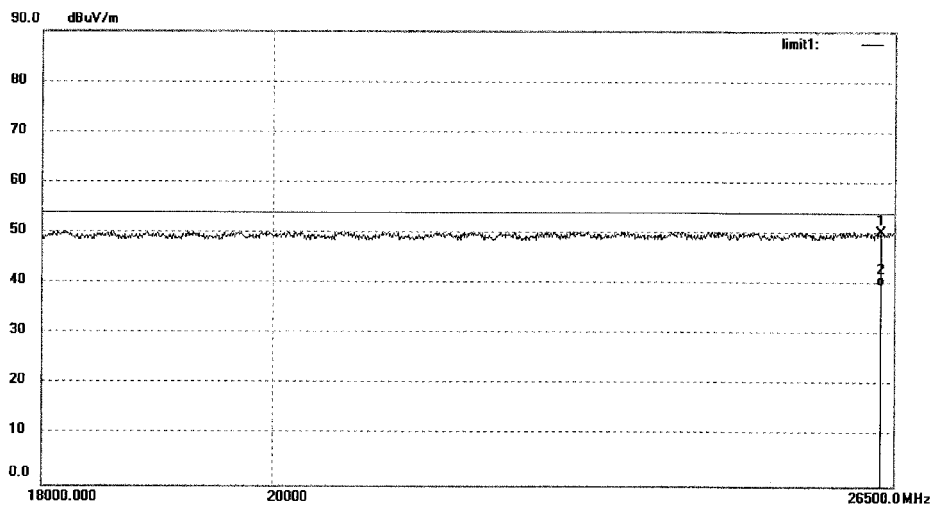
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #3004
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26346.703	33.76	16.50	50.26	74.00	-23.74	peak			
2	26346.703	23.26	16.50	39.76	54.00	-14.24	AVG			


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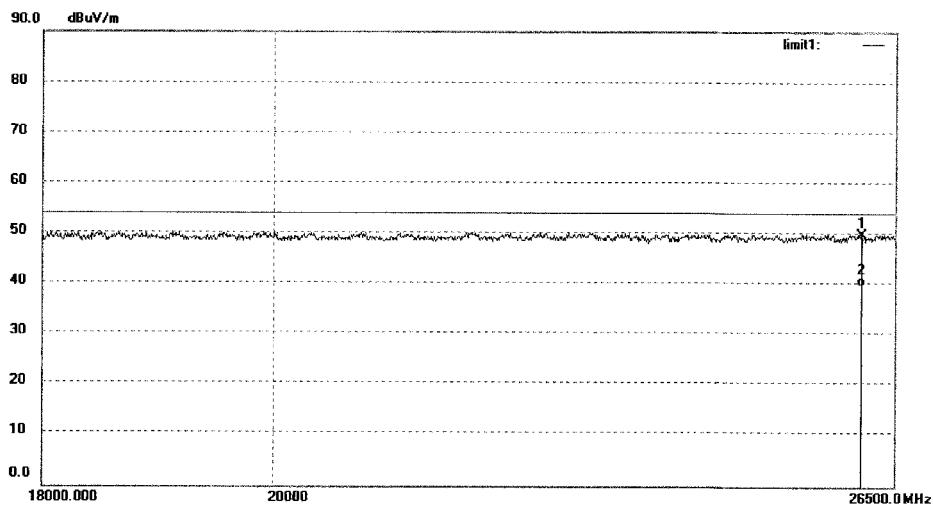
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #3003
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26103.270	32.75	17.16	49.91	74.00	-24.09	peak			
2	26103.270	22.56	17.16	39.72	54.00	-14.28	AVG			


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Site: 2# Chamber

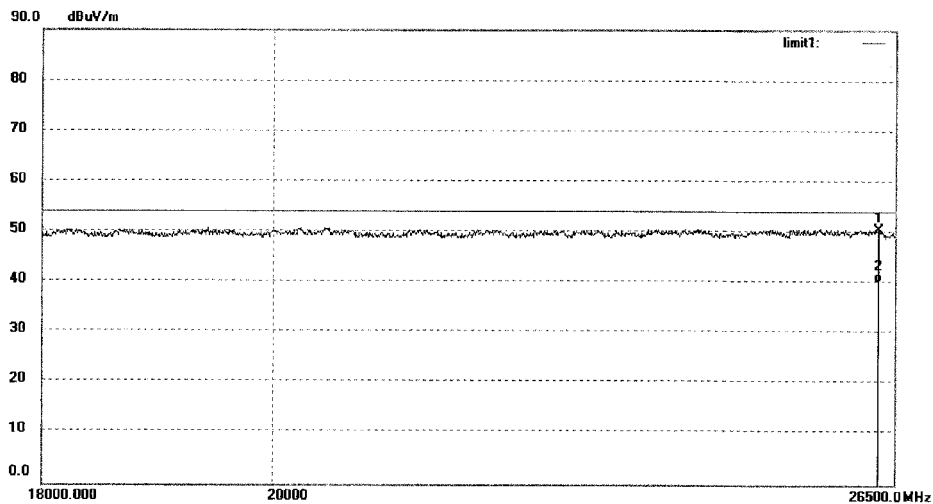
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #3005
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26305.974	33.99	16.50	50.49	74.00	-23.51	peak			
2	26305.974	23.56	16.50	40.06	54.00	-13.94	AVG			


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Site: 2# Chamber

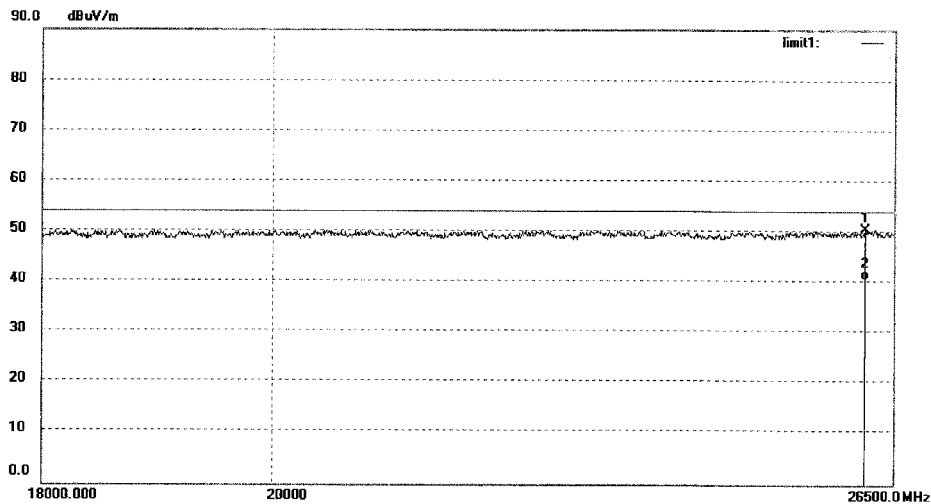
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3006
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2440MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	33.43	17.13	50.56	74.00	-23.44	peak			
2	26153.799	23.55	17.13	40.68	54.00	-13.32	AVG			


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Site: 2# Chamber

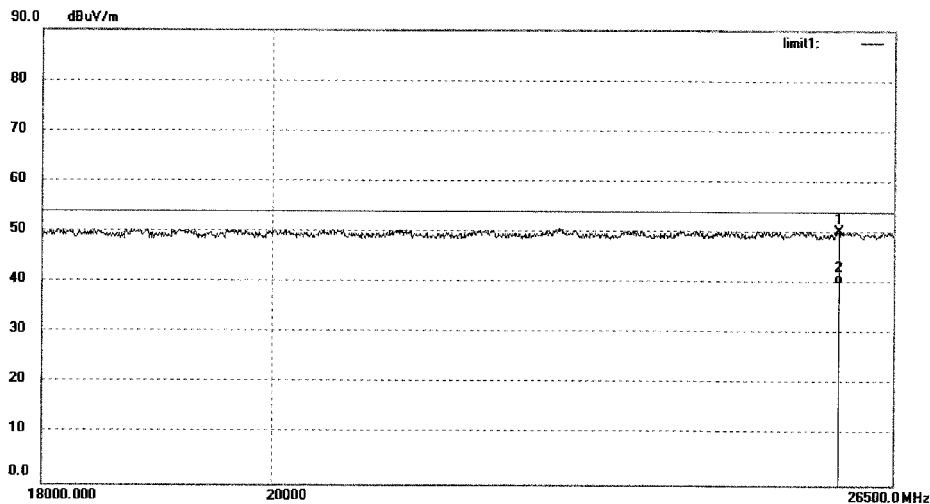
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #3008
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	25842.088	33.77	16.50	50.27	74.00	-23.73	peak			
2	25842.088	23.55	16.50	40.05	54.00	-13.95	AVG			


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Site: 2# Chamber

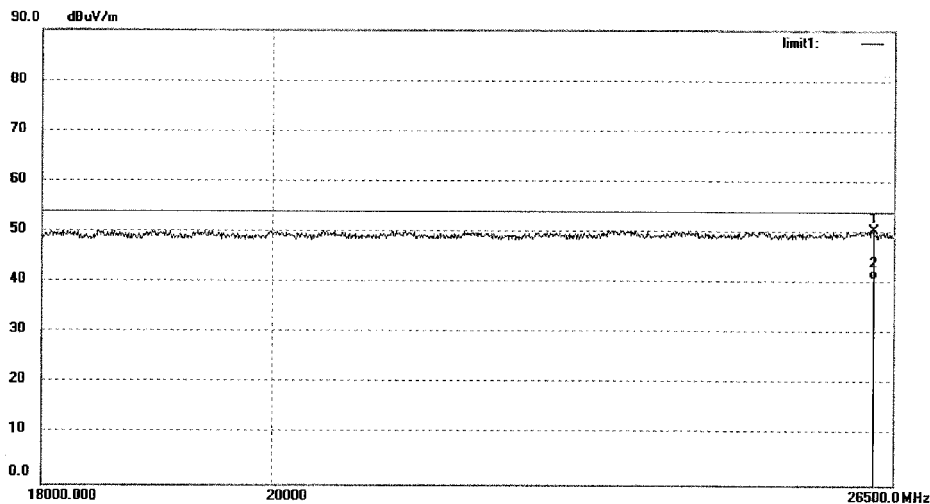
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3007
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	26255.151	33.38	17.06	50.44	74.00	-23.56	peak			
2	26255.151	23.84	17.06	40.90	54.00	-13.10	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 88 von 127
Page 88 of 127

Test Plot of Band Edge of Bluetooth Low Energy mode


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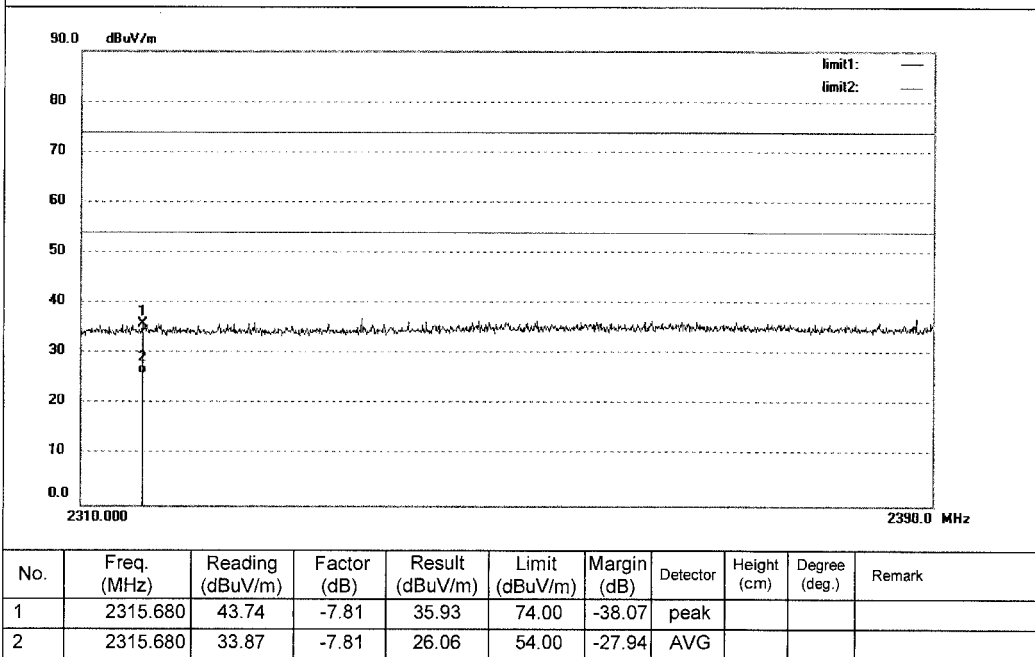
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2996
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
Distance: 3m

Note: Bluetooth 4.0




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Site: 2# Chamber

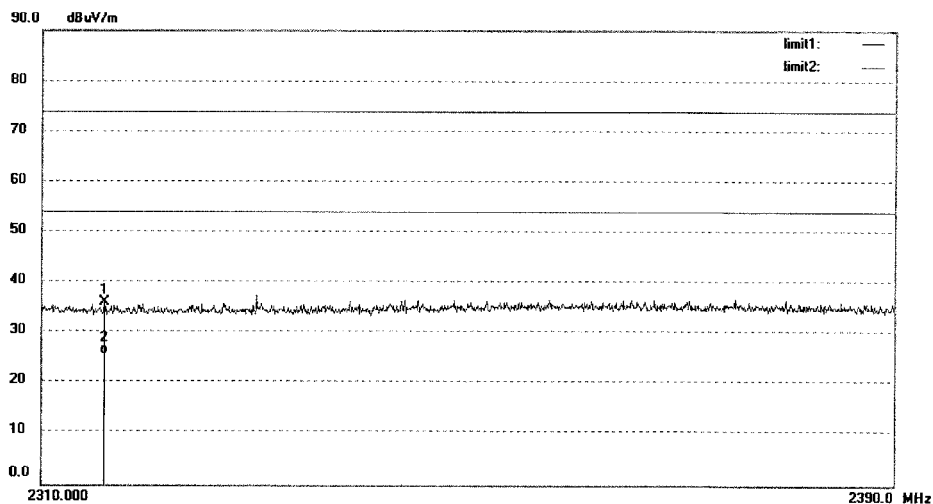
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: lgwade #2995
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2402MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2315.840	43.84	-7.81	36.03	74.00	-37.97	peak			
2	2315.840	33.68	-7.81	25.87	54.00	-28.13	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 90 von 127
Page 90 of 127

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Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #3001

Standard: FCC (Band Edge)

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: TX 2480MHz

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

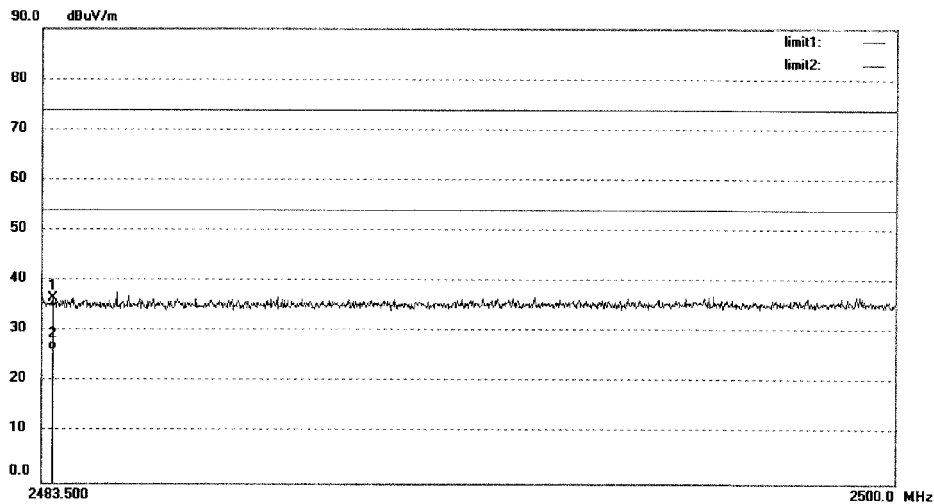
Date: 2016-7-28

Time:

Engineer Signature: LGWADE

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	2483.698	43.93	-7.37	36.56	74.00	-37.44	peak			
2	2483.698	33.52	-7.37	26.15	54.00	-27.85	AVG			

Prüfbericht - Nr.: 50053988 001
Test Report No.
Seite 91 von 127
Page 91 of 127

ACCURATE TECHNOLOGY CO., LTD.

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

Site: 2# Chamber

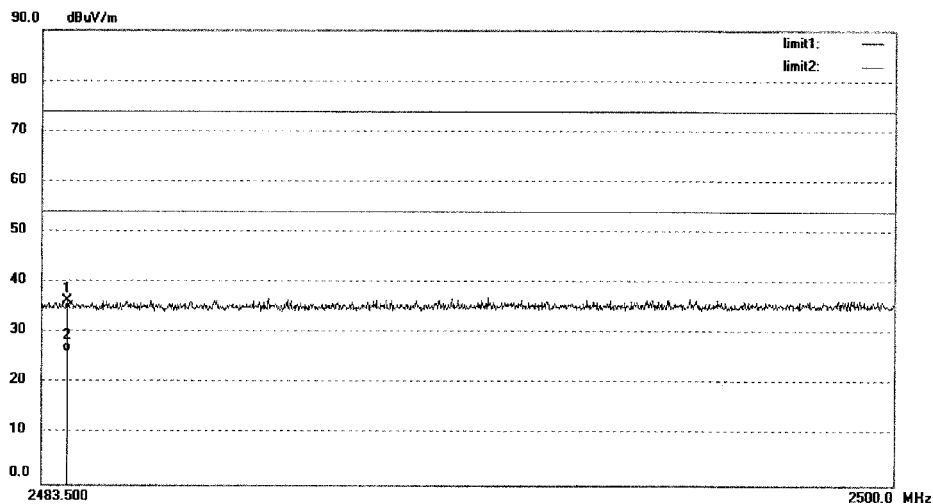
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: lgwade #3002
Standard: FCC (Band Edge)
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: TX 2480MHz
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2016-7-28
Time:
Engineer Signature: LGWADE
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	2483.995	43.68	-7.38	36.30	74.00	-37.70	peak			
2	2483.995	33.59	-7.38	26.21	54.00	-27.79	AVG			

5.1.8 Frequency Separation

RESULT:

Pass

Date of testing	:	2016-07-27
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			

Prüfbericht - Nr.: 50053988 001
Test Report No.**Seite 93 von 127**
Page 93 of 127**5.1.9 Number of hopping frequency****RESULT:****Pass**

Date of testing : 2016-07-27
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	:	2016-07-27
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	0.4348	322	140.0056	400
		2441	0.4348	321	139.5708	400
		2480	0.4421	322	142.3562	400
	DH3	2402	1.7174	164	281.6536	400
		2441	1.7174	165	283.3710	400
		2480	1.7174	164	281.6536	400
	DH5	2402	2.9783	111	330.5913	400
		2441	2.9783	111	330.5913	400
		2480	2.9783	112	333.5696	400
EDR	DH1	2402	0.4493	322	144.6746	400
		2441	0.4493	322	144.6746	400
		2480	0.4493	323	145.1239	400
	DH3	2402	1.7101	164	280.4564	400
		2441	1.7246	164	282.8344	400
		2480	1.7246	165	284.5590	400
	DH5	2402	2.9783	112	333.5696	400
		2441	2.9783	111	330.5913	400
		2480	2.9783	111	330.5913	400

Prüfbericht - Nr.: 50053988 001

Test Report No.

Seite 95 von 127

Page 95 of 127

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

Date of testing	:	2016-08-04
Test standard	:	FCC Part 15.107 (a) FCC Part 15.207 RSS-Gen Clause 8.8 ICES-003 Issue 6 January 2016
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

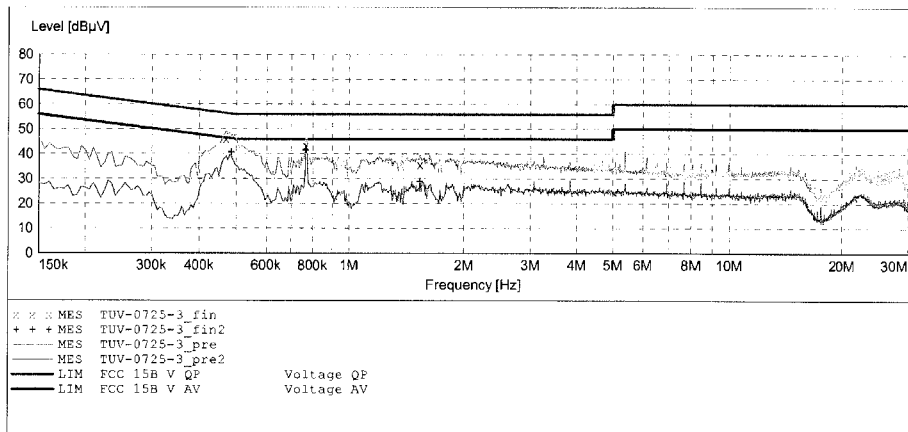
For details refer to following test plot.

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Bluetooth playing
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

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: "TUV-0725-3_fin"

7/25/2016

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.470000	46.10	10.7	57	10.4	QP	L1	GND
0.765000	43.30	10.8	56	12.7	QP	L1	GND
1.535000	35.70	10.9	56	20.3	QP	L1	GND

MEASUREMENT RESULT: "TUV-0725-3_fin2"

7/25/2016

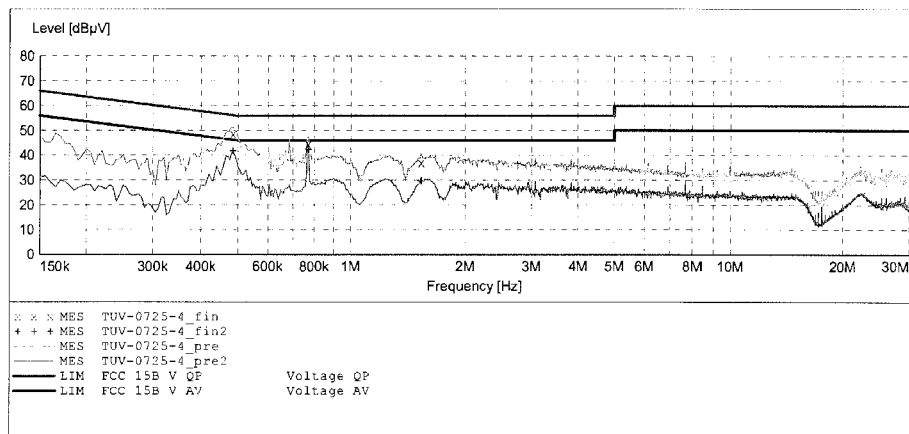
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.485000	40.60	10.7	46	5.7	AV	L1	GND
0.765000	41.40	10.8	46	4.6	AV	L1	GND
1.535000	28.90	10.9	46	17.1	AV	L1	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Bluetooth playing
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

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: "TUV-0725-4_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.485000	48.70	10.7	56	7.6	QP	N	GND
0.770000	44.50	10.8	56	11.5	QP	N	GND
1.535000	37.00	10.9	56	19.0	QP	N	GND

MEASUREMENT RESULT: "TUV-0725-4_fin2"

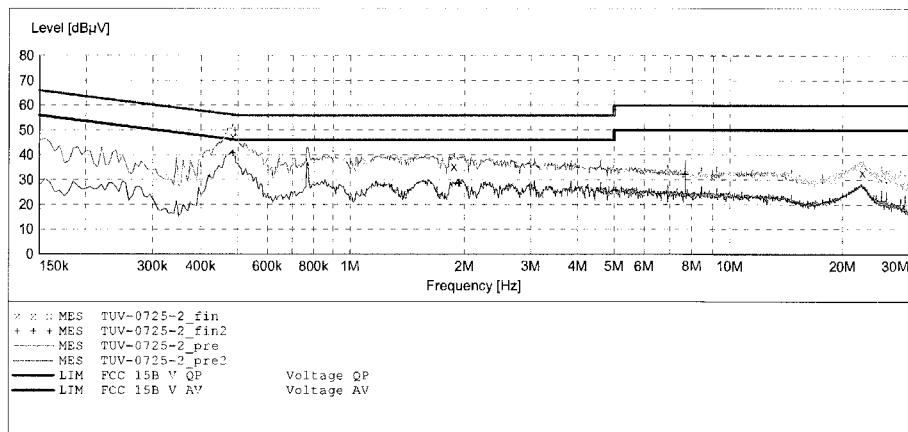
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.485000	41.70	10.7	46	4.6	AV	N	GND
0.770000	42.20	10.8	46	3.8	AV	N	GND
1.535000	29.50	10.9	46	16.5	AV	N	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

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: "TUV-0725-2_fin"

7/25/2016

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.485000	47.40	10.7	56	8.9	QP	L1	GND
1.875000	35.50	11.0	56	20.5	QP	L1	GND
22.570000	33.00	11.4	60	27.0	QP	L1	GND

MEASUREMENT RESULT: "TUV-0725-2_fin2"

7/25/2016

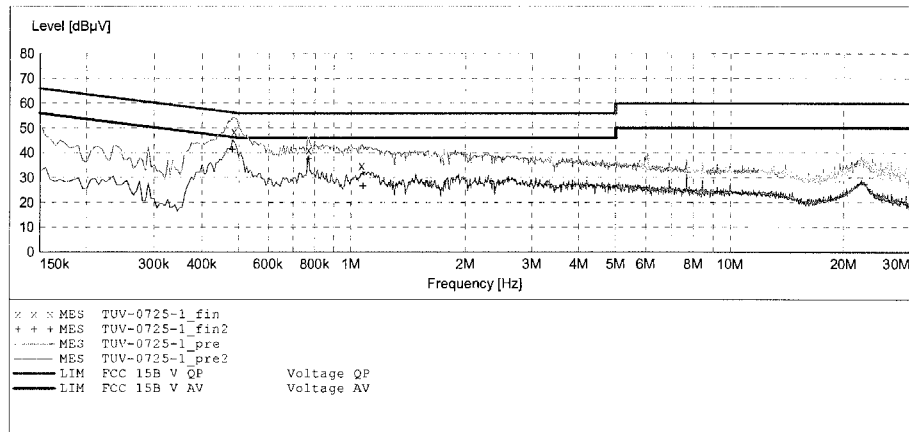
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.485000	40.60	10.7	46	5.7	AV	L1	GND
1.930000	28.50	11.0	46	17.5	AV	L1	GND
7.680000	32.10	11.2	50	17.9	AV	L1	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

SCAN TABLE: "V 9K-30MHz 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	NSLK8126 2008
150.0 kHz	30.0 MHz	5.0 kHz	Average	1.0 s	9 kHz	NSLK8126 2008


MEASUREMENT RESULT: "TUV-0725-1_fin"

7/25/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dBμV	dB	dBμV	dB			
	0.485000	48.60	10.7	56	7.7	QP	N	GND
	0.770000	41.20	10.8	56	14.8	QP	N	GND
	1.065000	34.90	10.9	56	21.1	QP	N	GND

MEASUREMENT RESULT: "TUV-0725-1_fin2"

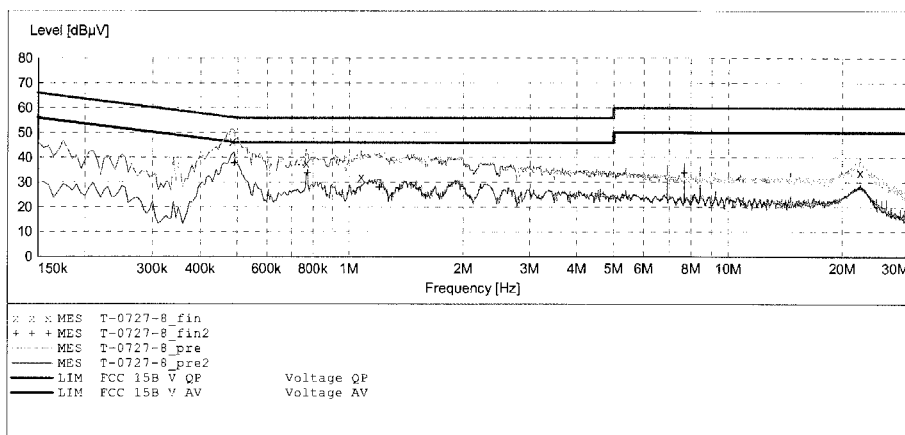
7/25/2016	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dBμV	dB	dBμV	dB			
	0.480000	41.20	10.7	46	5.1	AV	N	GND
	0.770000	37.50	10.8	46	8.5	AV	N	GND
	1.075000	26.50	10.9	46	19.5	AV	N	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Input mode
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/27/2016 /

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: "T-0727-8_fin"

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.485000	46.50	10.7	56	9.8	QP	L1	GND
0.765000	37.70	10.8	56	18.3	QP	L1	GND
1.075000	32.10	10.9	56	23.9	QP	L1	GND
22.270000	34.00	11.4	60	26.0	QP	L1	GND

MEASUREMENT RESULT: "T-0727-8_fin2"

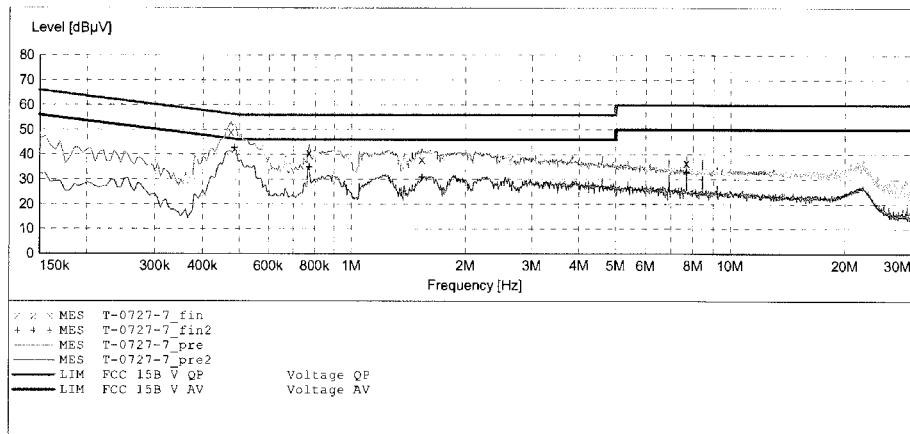
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.490000	37.70	10.7	46	8.5	AV	L1	GND
0.770000	33.70	10.8	46	12.3	AV	L1	GND
1.200000	27.90	10.9	46	18.1	AV	L1	GND
7.680000	33.70	11.2	50	16.3	AV	L1	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Input mode
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/27/2016 /

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: "T-0727-7_fin"

7/27/2016 10:22AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.475000	49.10	10.7	56	7.3	QP	N	GND
0.770000	40.70	10.8	56	15.3	QP	N	GND
1.535000	38.00	10.9	56	18.0	QP	N	GND
7.680000	36.70	11.2	60	23.3	QP	N	GND

MEASUREMENT RESULT: "T-0727-7_fin2"

7/27/2016 10:22AM

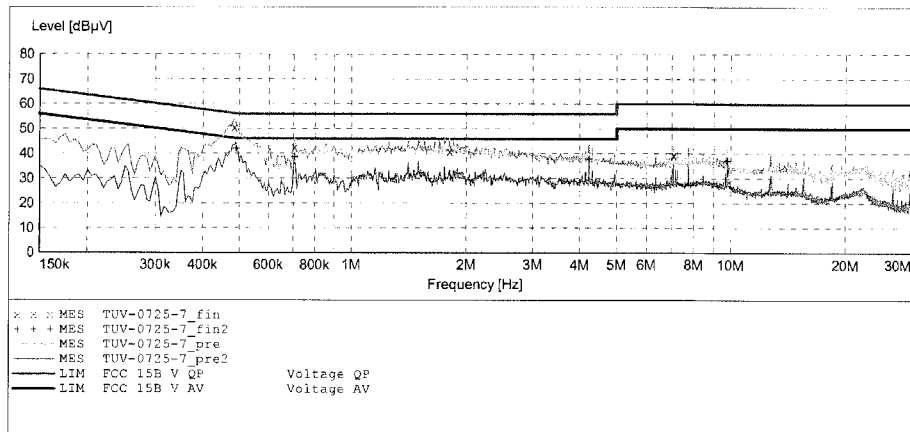
Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.485000	42.60	10.7	46	3.7	AV	N	GND
0.770000	34.90	10.8	46	11.1	AV	N	GND
1.535000	30.80	10.9	46	15.2	AV	N	GND
7.680000	32.80	11.2	50	17.2	AV	N	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Coaxial in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

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: "TUV-0725-7_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.485000	50.60	10.7	56	5.7	QP	L1	GND
0.705000	42.60	10.8	56	13.4	QP	L1	GND
1.810000	41.00	11.0	56	15.0	QP	L1	GND
7.060000	39.30	11.2	60	20.7	QP	L1	GND

MEASUREMENT RESULT: "TUV-0725-7_fin2"

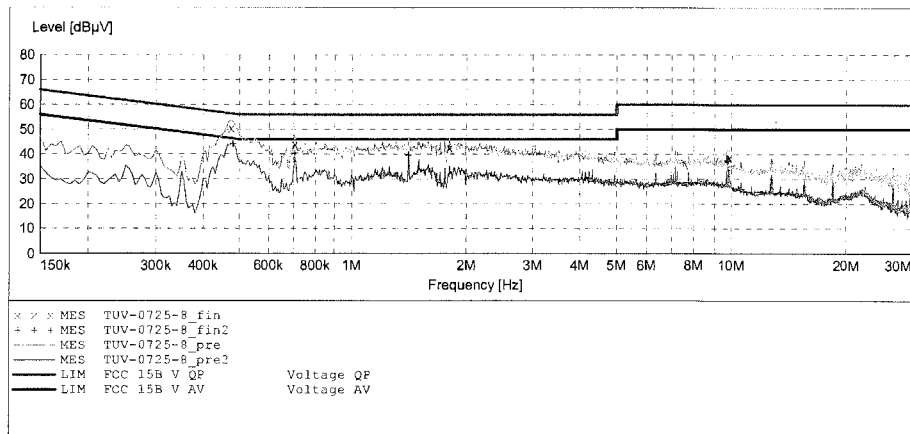
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.490000	42.00	10.7	46	4.2	AV	L1	GND
0.705000	38.70	10.8	46	7.3	AV	L1	GND
4.230000	37.70	11.1	46	8.3	AV	L1	GND
9.790000	37.10	11.3	50	12.9	AV	L1	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Coaxial in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 7/25/2016 /

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: "TUV-0725-8_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.475000	50.50	10.7	56	5.9	QP	N	GND
0.705000	43.90	10.8	56	12.1	QP	N	GND
1.805000	42.50	11.0	56	13.5	QP	N	GND
9.880000	38.80	11.3	60	21.2	QP	N	GND

MEASUREMENT RESULT: "TUV-0725-8_fin2"

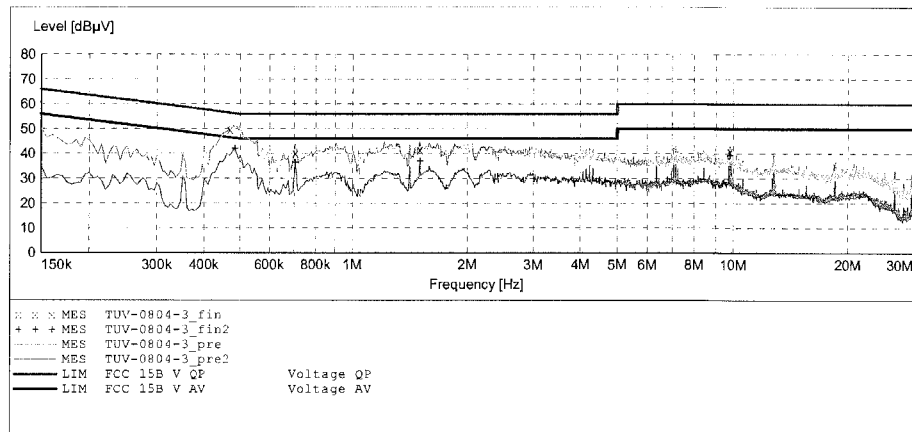
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.480000	44.10	10.7	46	2.2	AV	N	GND
0.705000	40.20	10.8	46	5.8	AV	N	GND
1.410000	39.50	10.9	46	6.5	AV	N	GND
9.790000	37.30	11.3	50	12.7	AV	N	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Optical in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 8/4/2016 /

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: "TUV-0804-3_fin"

8/4/2016

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.470000	49.70	10.7	57	6.8	QP	L1	GND
0.705000	40.10	10.8	56	15.9	QP	L1	GND
1.500000	41.50	10.9	56	14.5	QP	L1	GND
9.790000	41.00	11.3	60	19.0	QP	L1	GND

MEASUREMENT RESULT: "TUV-0804-3_fin2"

8/4/2016

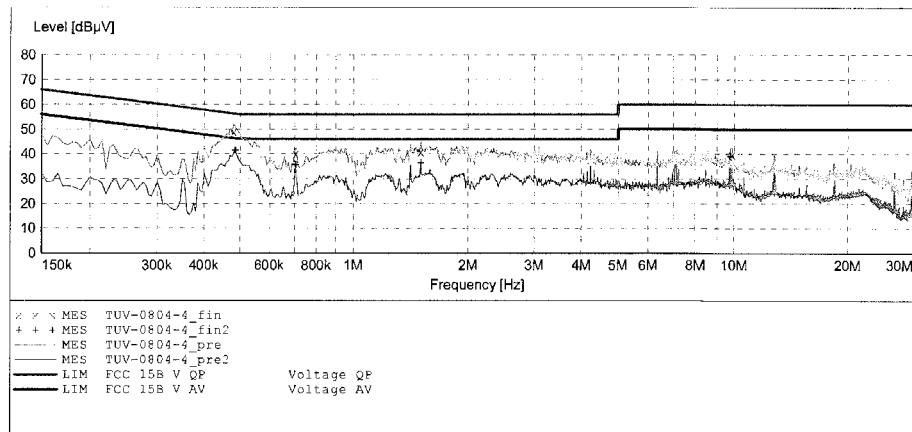
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.485000	41.90	10.7	46	4.4	AV	L1	GND
0.705000	36.40	10.8	46	9.6	AV	L1	GND
1.500000	36.90	10.9	46	9.1	AV	L1	GND
9.790000	39.20	11.3	50	10.8	AV	L1	GND

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

EUT: Multimedia Speaker M/N:S2000 Pro
 Manufacturer: Edifier
 Operating Condition: Optical in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 8/4/2016 /

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: "TUV-0804-4_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.480000	48.90	10.7	56	7.4	QP	N	GND
0.705000	40.10	10.8	56	15.9	QP	N	GND
1.500000	41.00	10.9	56	15.0	QP	N	GND
9.880000	39.80	11.3	60	20.2	QP	N	GND

MEASUREMENT RESULT: "TUV-0804-4_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.485000	41.40	10.7	46	4.9	AV	N	GND
0.705000	35.60	10.8	46	10.4	AV	N	GND
1.500000	36.40	10.9	46	9.6	AV	N	GND
9.790000	39.00	11.3	50	11.0	AV	N	GND

Prüfbericht - Nr.: 50053988 001

Test Report No.

Seite 106 von 127

Page 106 of 127

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

Date of testing	:	2016-07-27
Test standard	:	FCC Part 15.109 (a) ICES-003 Issue 6 January 2016
Test procedure	:	ANSI C63.4: 2014
Frequency range	:	30 - 6000MHz
Equipment Classification	:	Class B
Limits	:	FCC Part 15.109(a) ICES-003 Issue 6 January 2016
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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Fax:+86-0755-26503396

Job No.: lgwade #2931

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: Aux in

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

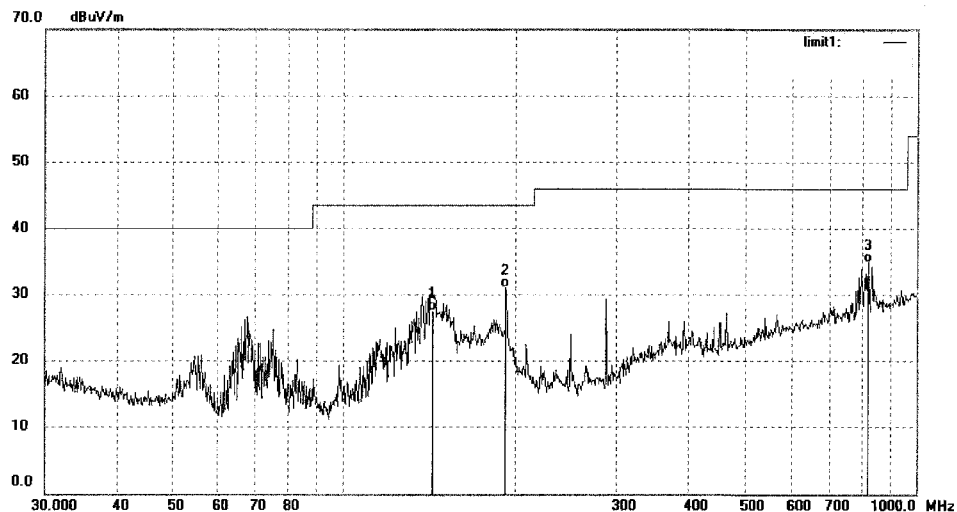
Date: 16/07/27/

Time:

Engineer Signature: LGWADE

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	142.8243	42.87	-15.23	27.64	43.50	-15.86	QP			
2	191.7450	43.66	-12.59	31.07	43.50	-12.43	QP			
3	818.8341	34.59	0.30	34.89	46.00	-11.11	QP			


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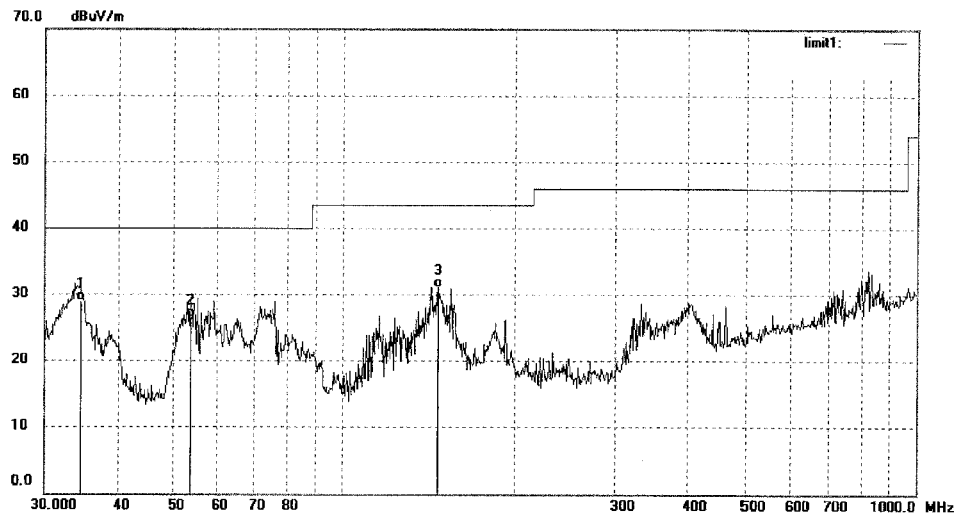
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2932
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Aux in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	34.5172	39.32	-10.28	29.04	40.00	-10.96	QP			
2	53.6931	39.43	-12.88	26.55	40.00	-13.45	QP			
3	145.8610	46.24	-15.21	31.03	43.50	-12.47	QP			


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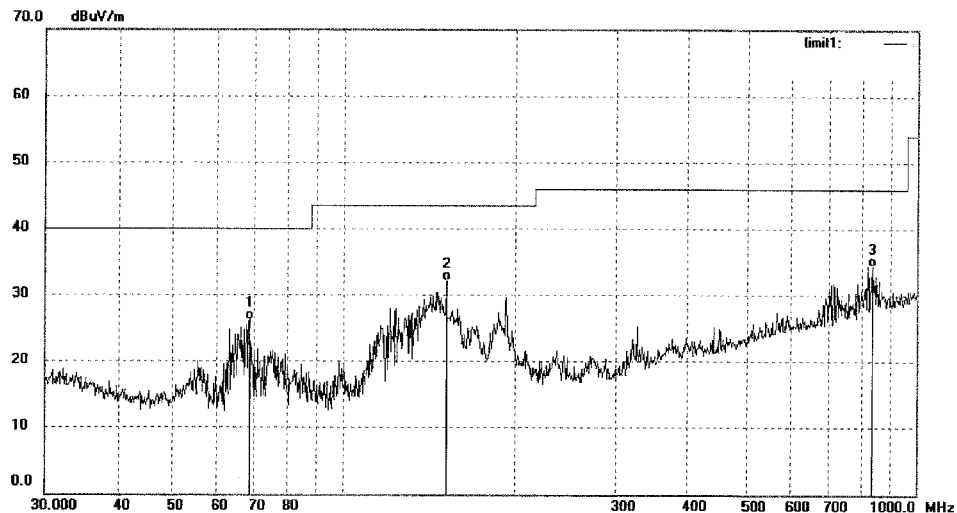
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2930
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Input mode
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	68.3907	42.24	-15.99	26.25	40.00	-13.75	QP			
2	150.5378	47.26	-15.16	32.10	43.50	-11.40	QP			
3	836.2441	33.85	0.62	34.47	46.00	-11.53	QP			


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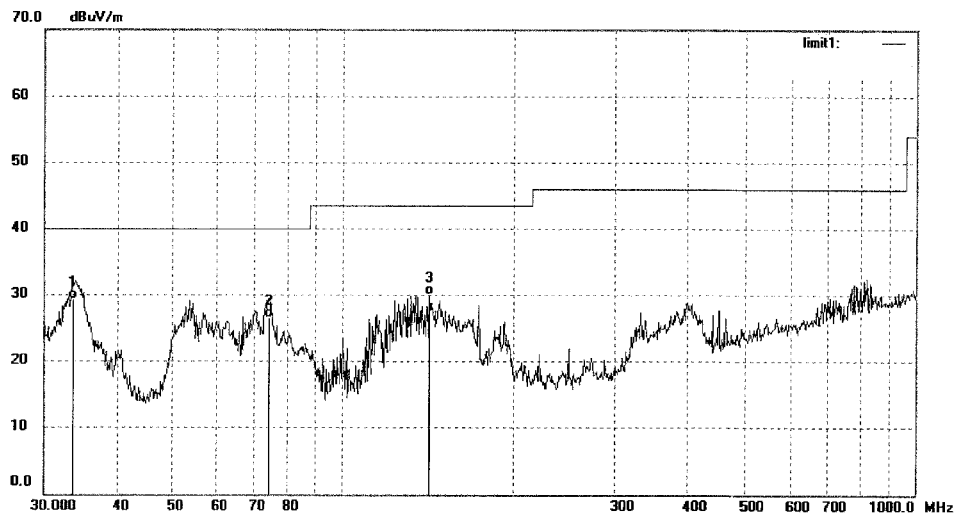
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2929
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Input model
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	33.6802	39.29	-10.02	29.27	40.00	-10.73	QP			
2	74.3954	43.11	-16.68	26.43	40.00	-13.57	QP			
3	141.3298	45.19	-15.24	29.95	43.50	-13.55	QP			


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Job No.: Igwade #2926

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: Coaxial in

Model: S2000 Pro

Manufacturer: Edifier

Polarization: Horizontal

Power Source: AC 120V/60Hz

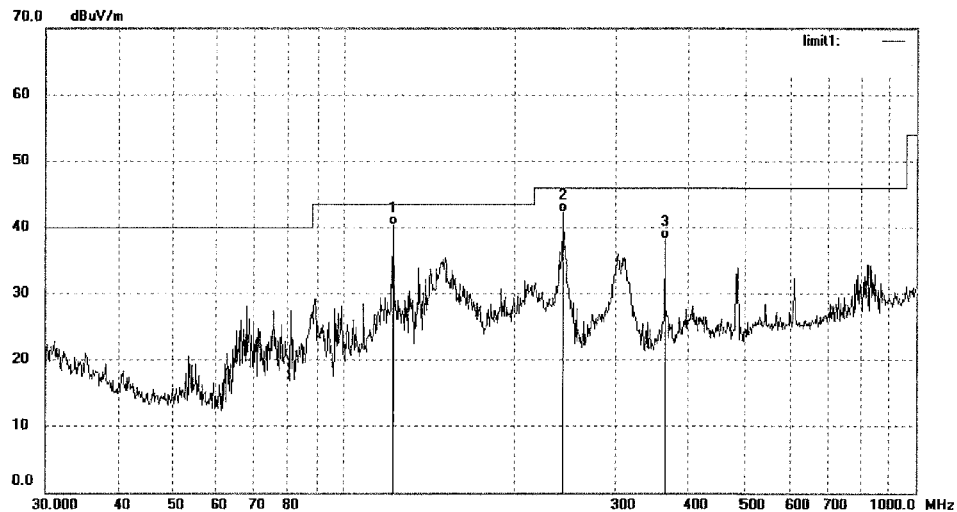
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Time:

Engineer Signature: LGWADE

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	121.5486	53.69	-13.32	40.37	43.50	-3.13	QP			
2	243.3772	53.09	-10.82	42.27	46.00	-3.73	QP			
3	364.2595	45.74	-7.57	38.17	46.00	-7.83	QP			


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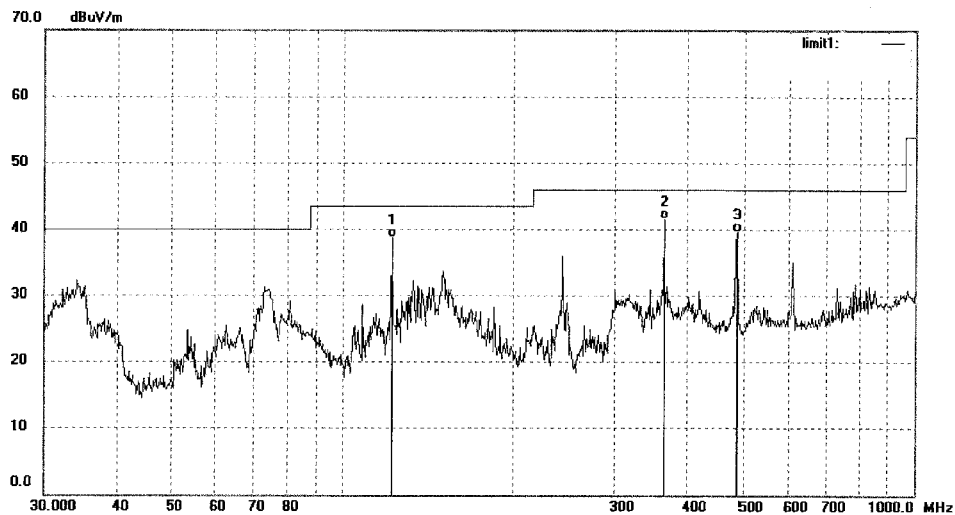
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2925
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Coaxial in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	52.05	-13.32	38.73	43.50	-4.77	QP			
2	364.2595	49.10	-7.57	41.53	46.00	-4.47	QP			
3	487.3150	44.85	-5.23	39.62	46.00	-6.38	QP			


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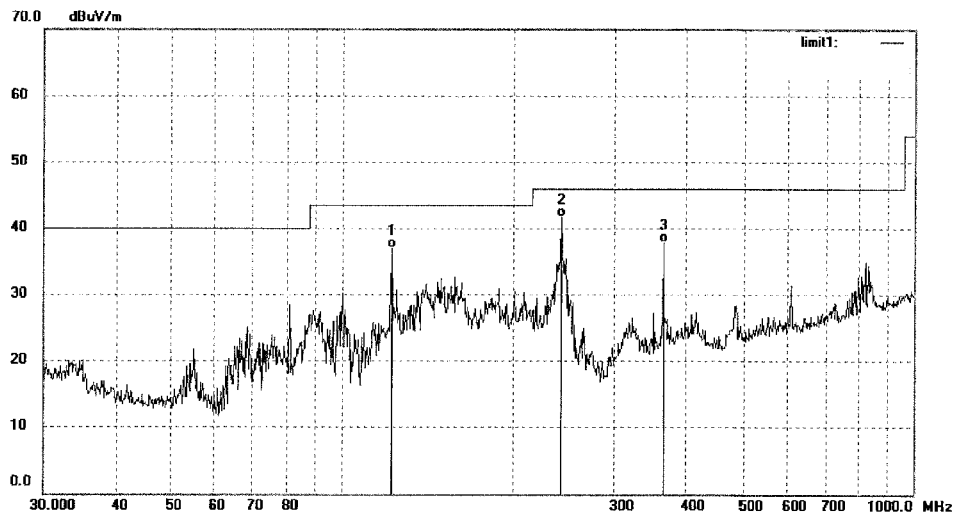
Tel:+86-0755-26503290

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Job No.: Igwade #2927
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Optical in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	50.33	-13.32	37.01	43.50	-6.49	QP			
2	243.3771	52.55	-10.82	41.73	46.00	-4.27	QP			
3	364.2595	45.49	-7.57	37.92	46.00	-8.08	QP			


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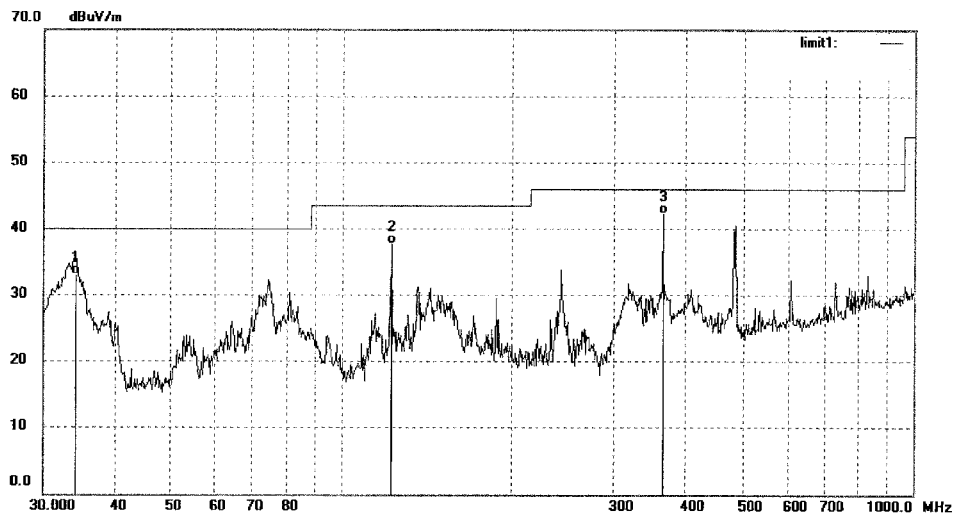
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2928
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Optical in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	34.0363	43.18	-10.13	33.05	40.00	-6.95	QP			
2	121.5485	50.98	-13.32	37.66	43.50	-5.84	QP			
3	364.2595	49.88	-7.57	42.31	46.00	-3.69	QP			

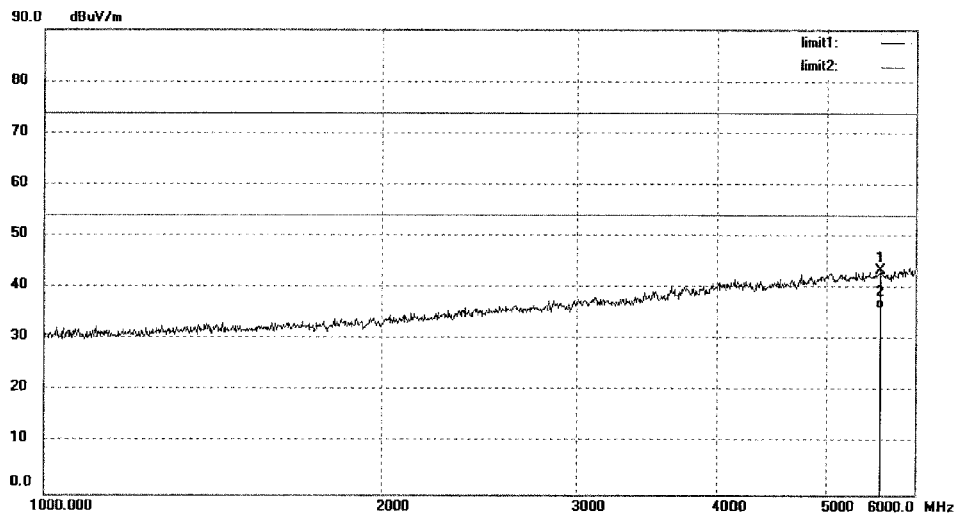

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 Fax:+86-0755-26503396

 Job No.: lgwade #2933
 Standard: FCC Class B 3M Radiated
 Test item: Radiation Test
 Temp.(C)/Hum.(%) 23 C / 48 %
 EUT: Multimedia Speaker
 Mode: Aux in
 Model: S2000 Pro
 Manufacturer: Edifier

 Polarization: Horizontal
 Power Source: AC 120V/60Hz
 Date: 16/07/27/
 Time:
 Engineer Signature: LGWADE
 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	5595.042	42.17	1.45	43.62	74.00	-30.38	peak			
2	5595.042	34.56	1.45	36.01	54.00	-17.99	AVG			


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Site: 2# Chamber

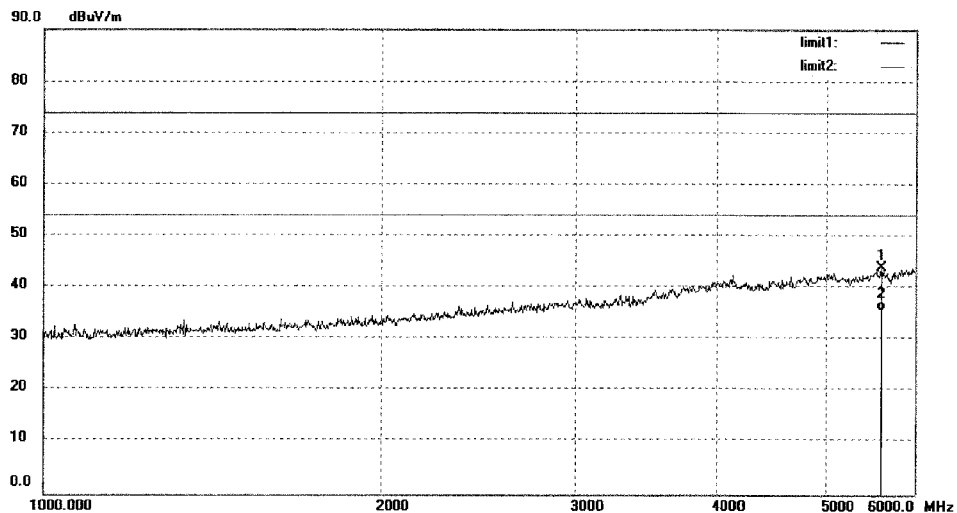
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2934
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Aux in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5605.076	42.64	1.44	44.08	74.00	-29.92	peak			
2	5605.076	34.25	1.44	35.69	54.00	-18.31	AVG			


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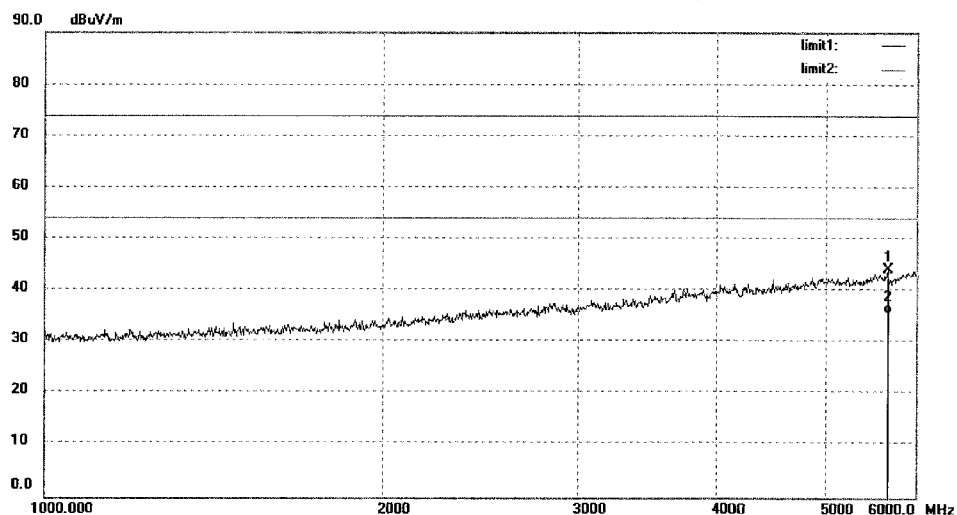
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2940
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Input mode
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5665.659	42.90	1.24	44.14	74.00	-29.86	peak			
2	5665.659	34.37	1.24	35.61	54.00	-18.39	AVG			


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Site: 2# Chamber

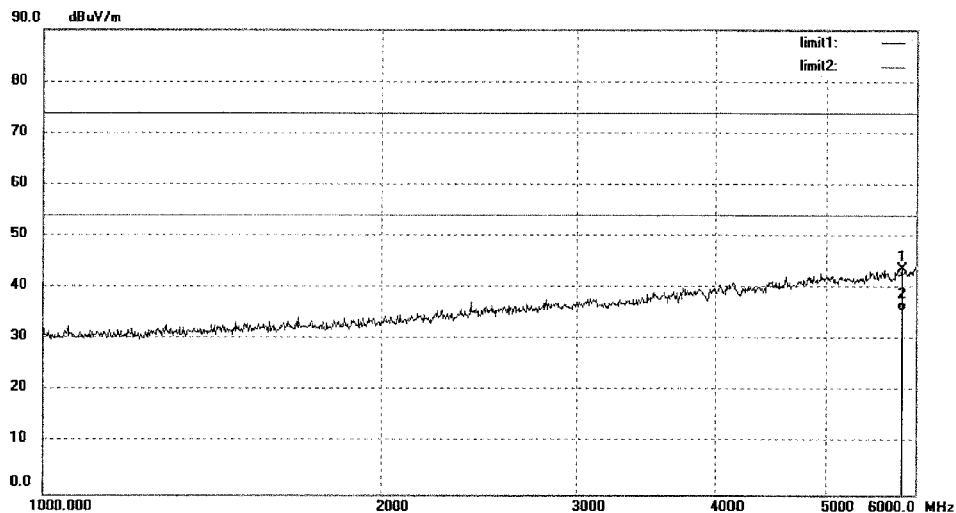
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2939
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Input mode
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5830.433	41.70	1.97	43.67	74.00	-30.33	peak			
2	5830.433	33.69	1.97	35.66	54.00	-18.34	AVG			


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Site: 2# Chamber

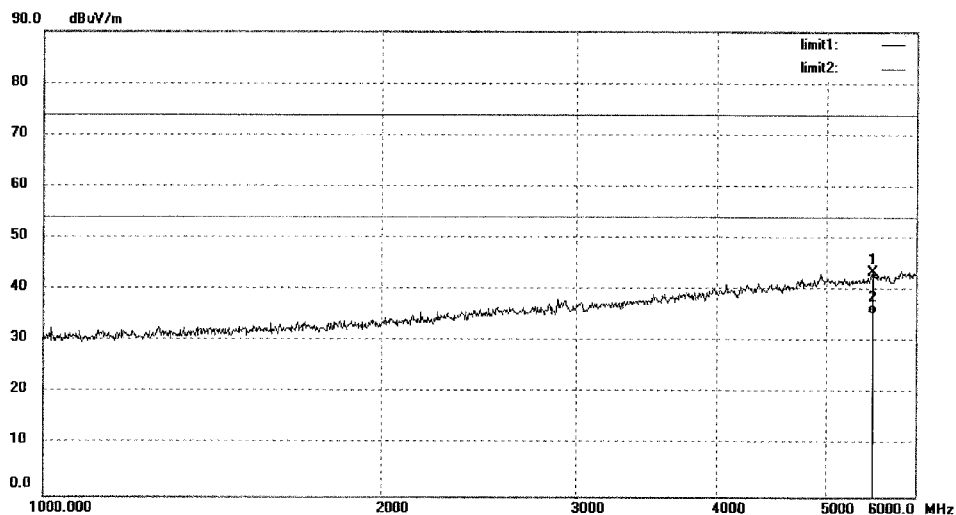
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2937
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Coaxial in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5495.685	42.44	1.18	43.62	74.00	-30.38	peak			
2	5495.685	34.35	1.18	35.53	54.00	-18.47	AVG			


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Site: 2# Chamber

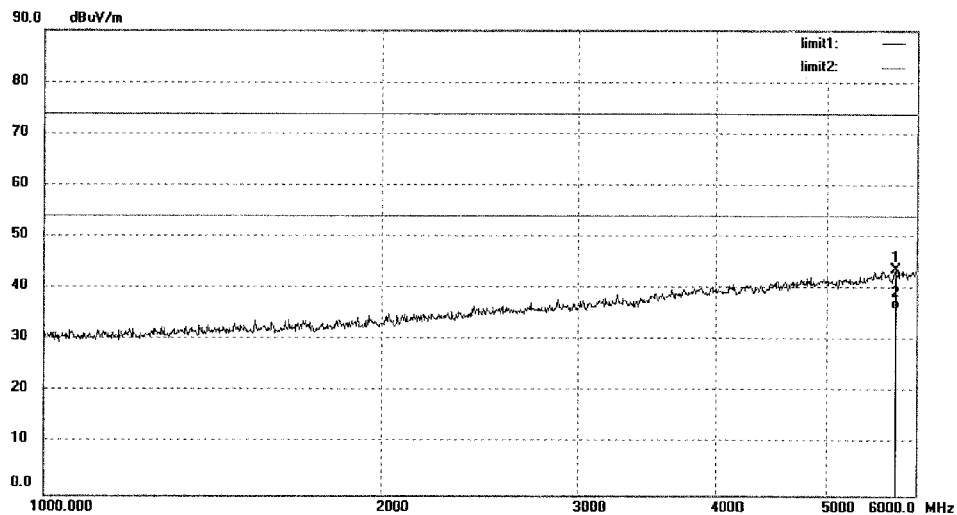
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2938
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Coaxial in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5747.456	42.21	1.53	43.74	74.00	-30.26	peak			
2	5747.456	34.58	1.53	36.11	54.00	-17.89	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

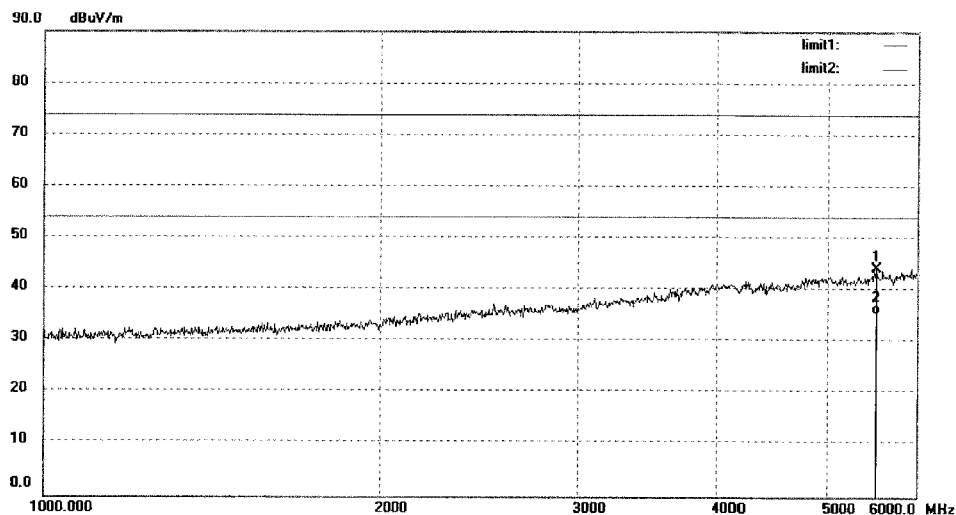
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: Igwade #2936
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Optical in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5525.306	42.96	1.27	44.23	74.00	-29.77	peak			
2	5525.306	34.28	1.27	35.55	54.00	-18.45	AVG			


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Site: 2# Chamber

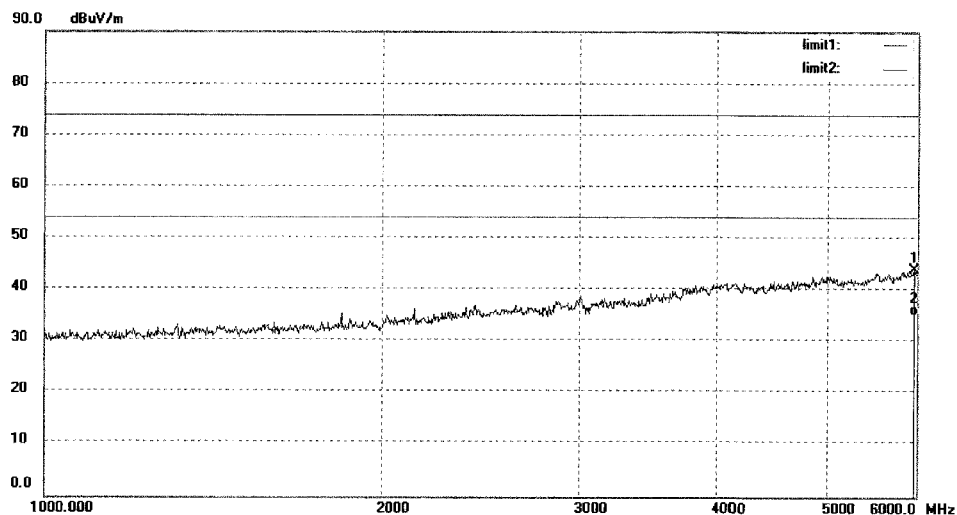
Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: Igwade #2935
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Optical in
Model: S2000 Pro
Manufacturer: Edifier

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 16/07/27/
Time:
Engineer Signature: LGWADE
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	5957.151	41.93	2.14	44.07	74.00	-29.93	peak			
2	5957.151	33.02	2.14	35.16	54.00	-18.84	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 v06

The maximum radiated power of the transmitter is 1.7mW (2.31dBm) 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.

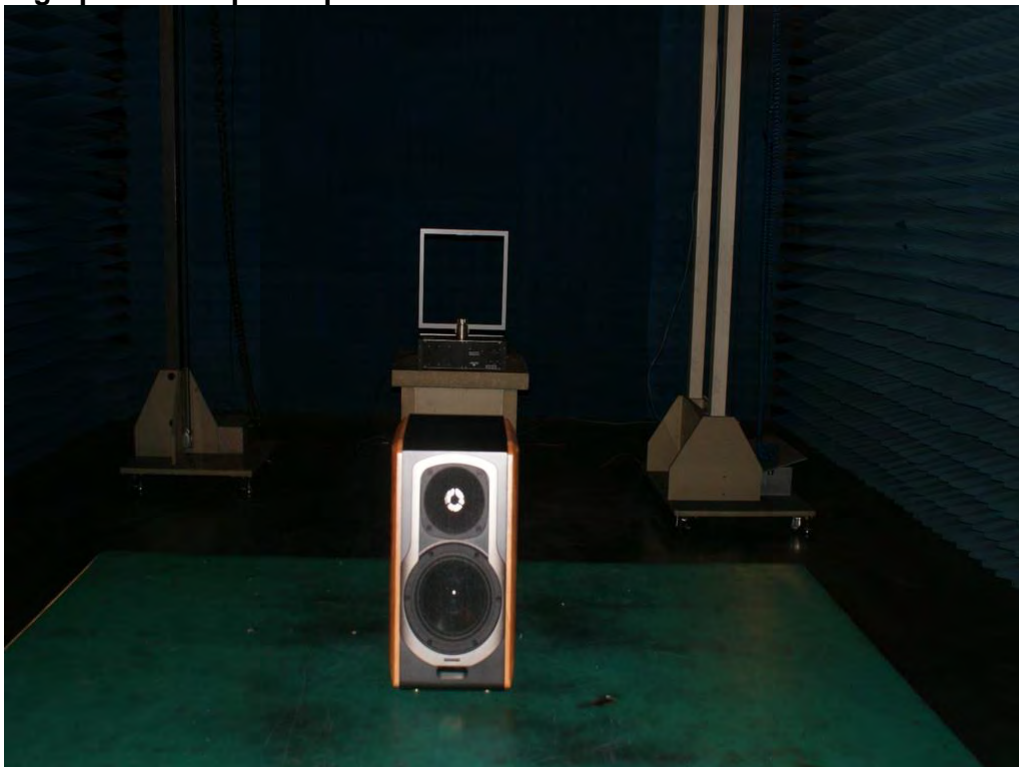
Since maximum radiated power of the transmitter is 1.7mW<96mW, and the distance from EUT to human is $\geq 50\text{mm}$, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01 General RF Exposure Guidance v06.

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



3. List of Tables

Table 1: List of Test and Measurement Equipment	6
Table 2: Measurement Uncertainty	7
Table 3: Technical Specification of Bluetooth (BDR & EDR mode)	8
Table 4: RF channel and frequency of Bluetooth (BDR & EDR mode).....	8
Table 5: Technical Specification of Bluetooth (Low Energy mode).....	9
Table 6: RF channel and frequency of Bluetooth (Low Energy mode)	9
Table 7: Test result of Peak Output Power of Bluetooth (BDR mode)	15
Table 8: Test result of Peak Output Power of Bluetooth (EDR mode)	15
Table 9: Test result of Peak Output Power of Bluetooth (Low Energy mode)	15
Table 10: Test result of 20dB & 99% Bandwidth of BDR mode	16
Table 11: Test result of 20dB & 99% Bandwidth of EDR mode	16
Table 12: Test result of 6dB & 99% Bandwidth of Bluetooth, Low Energy mode	17
Table 13: Test result of power spectral density:.....	28
Table 14: Test result of Frequency Separation	92
Table 15: Test result of Number of hopping frequency	93
Table 16: Test result of Time of Occupancy.....	94

4. List of Photographs

Photograph 1: Set-up for Conducted Emissions	124
Photograph 2: Set-up for Spurious Emissions for below 30MHz	124
Photograph 3: Set-up for Spurious Emissions for 30 - 1000MHz	125
Photograph 4: Set-up for Spurious Emissions for 1 - 18GHz.....	125
Photograph 5: Set-up for Spurious Emissions for 18 - 26.5GHz.....	126