

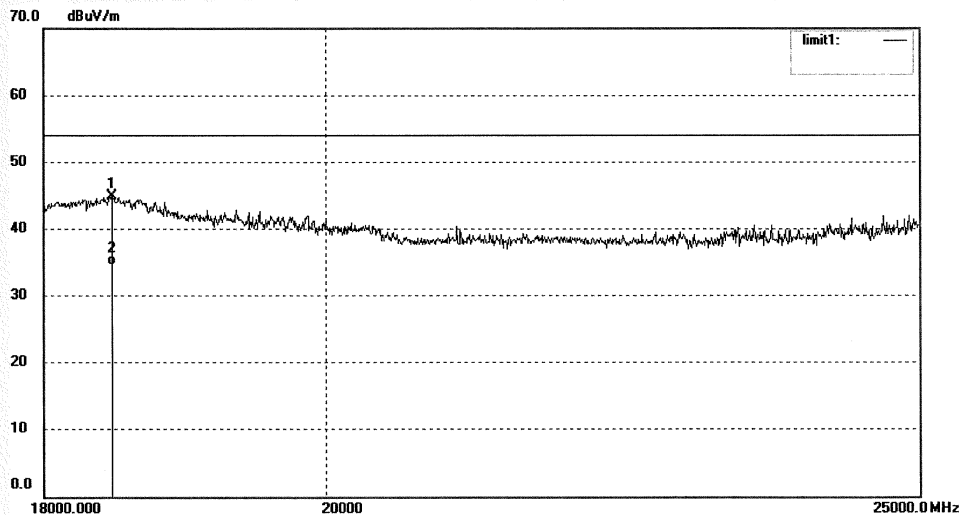
Prüfbericht - Nr.: 17039070 001
Test Report No.
Seite 51 von 90
Page 51 of 90

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.: ALEN #1921	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 14/02/27/
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 9/26/45
EUT: Multimedia Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: iF355BT	
Manufacturer: EDIFIER	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18468.574	27.74	17.13	44.87	74.00	-29.13	peak			
2	18468.574	17.51	17.13	34.64	54.00	-19.36	AVG			

5.1.6 Frequency Separation

RESULT:

Pass

Date of testing	:	2014-02-27
Test standard	:	FCC part 15.247(a)(1) RSS-210 A8.1(b)
Basic standard	:	ANSI C63.4: 2003
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	:	52%
Atmospheric pressure	:	101kPa

Table 6: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.002	≥ 25kHz or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

Prüfbericht - Nr.: 17039070 001

Test Report No.

Seite 53 von 90

Page 53 of 90

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

Date of testing : 2017-02-27
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2003
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

Test setup

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

Table 7: Test result of Number of hopping frequency

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

5.1.8 Time of Occupancy

RESULT:

Pass

Date of testing	:	2014-02-27
Test standard	:	FCC part 15.247(a)(1)(iii) RSS-210 A8.1(d)
Basic standard	:	ANSI C63.4: 2009
Limits	:	0.4s
Kind of test site	:	Shield room

Test setup

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

Table 8: 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	0.44	317	139.48	400
		2441	0.45	318	143.10	400
		2480	0.44	317	139.48	400
	DH3	2402	1.74	156	271.44	400
		2441	1.72	158	271.76	400
		2480	1.72	157	270.04	400
	DH5	2402	3.03	104	315.12	400
		2441	2.97	105	311.85	400
		2480	3.00	103	309.00	400
EDR	DH1	2402	0.45	317	142.65	400
		2441	0.44	318	139.92	400
		2480	0.45	316	142.20	400
	DH3	2402	1.71	158	270.18	400
		2441	1.71	159	271.89	400
		2480	1.71	157	268.47	400
	DH5	2402	3.00	104	312.00	400
		2441	3.00	102	306.00	400
		2480	3.00	105	315.00	400

Note:

$$\text{Time of Occupancy} = \text{Pulse width} \times (\text{Hopping rate} / \text{Number of channels}) \times \text{Period}$$
$$\text{Period} = 0.4 \text{ (seconds/ channel)} \times 79 \text{ (channel)} = 31.6 \text{ seconds}$$

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

Date of testing	:	2014-03-20
Test standard	:	FCC Part 15.109 ICES-003 Issue 4 February 2004
Basic standard	:	ANSI C63.4: 2003
Frequency range	:	30 – 2000MHz *
Limits	:	FCC Part 15.109(a) ICES-003 Issue 4 February 2004
Kind of test site	:	3m Semi-Anechoic Chamber

Test Setup

Input voltage	:	AC 120V, 60Hz
Operation mode	:	A.2, A.3, A.4
Earthing	:	Not Connected
Ambient temperature	:	23°C
Relative humidity	:	48%
Atmospheric pressure	:	101kPa

*- The EUT's highest frequency generated and used is less than 500MHz (the Bluetooth function can't be on during these modes), hence the highest scan frequency is up to 2GHz only.

For details refer to following test plot.

Prüfbericht - Nr.: 17039070 001
Test Report No.
Seite 56 von 90
Page 56 of 90

Test Plot of Radiated emissions


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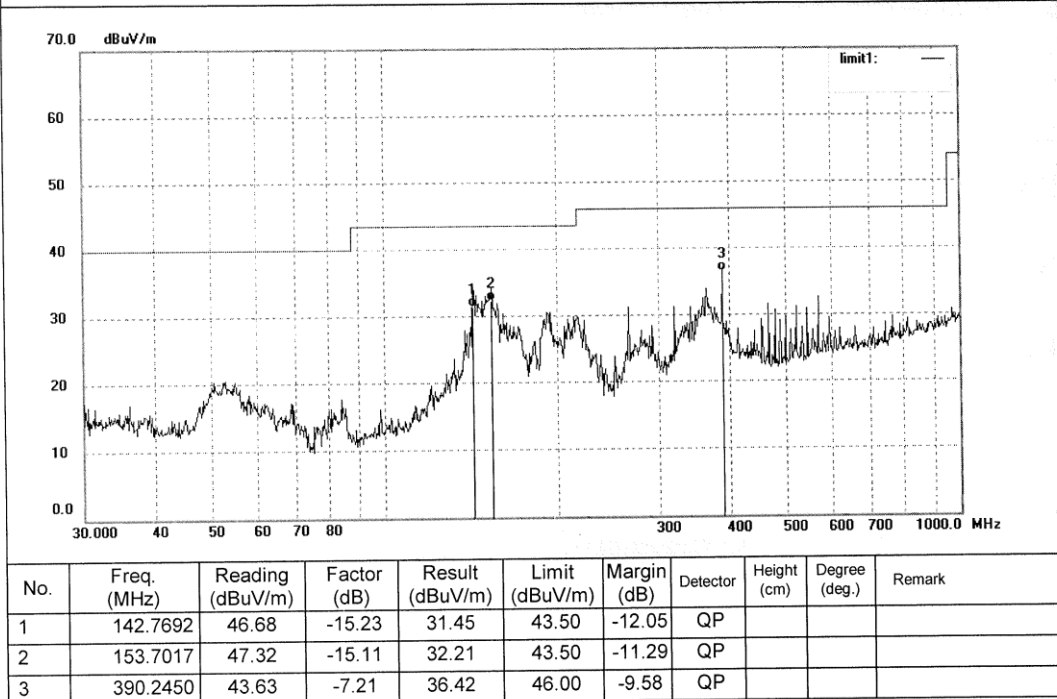
Site: 2# Chamber

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

Job No.: ALEN #1868
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Aux in
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 8/29/12
Engineer Signature: Alen
Distance: 3m

Note:




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Site: 2# Chamber

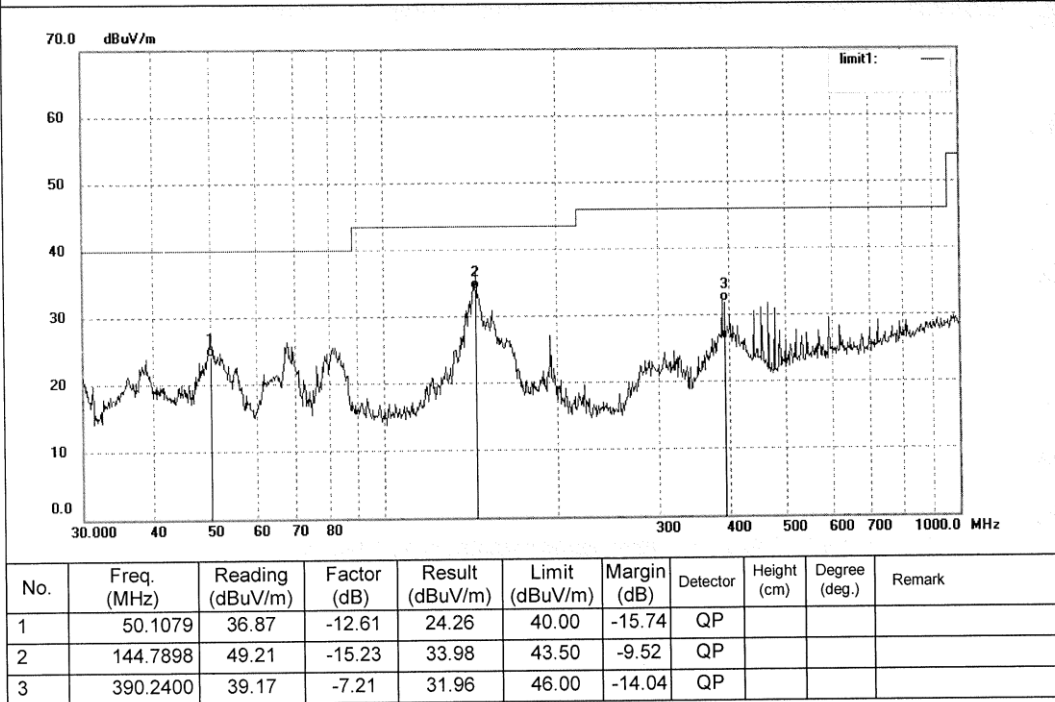
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1869
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Aux in
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 8/38/00
Engineer Signature: Alen
Distance: 3m

Note:




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Site: 2# Chamber

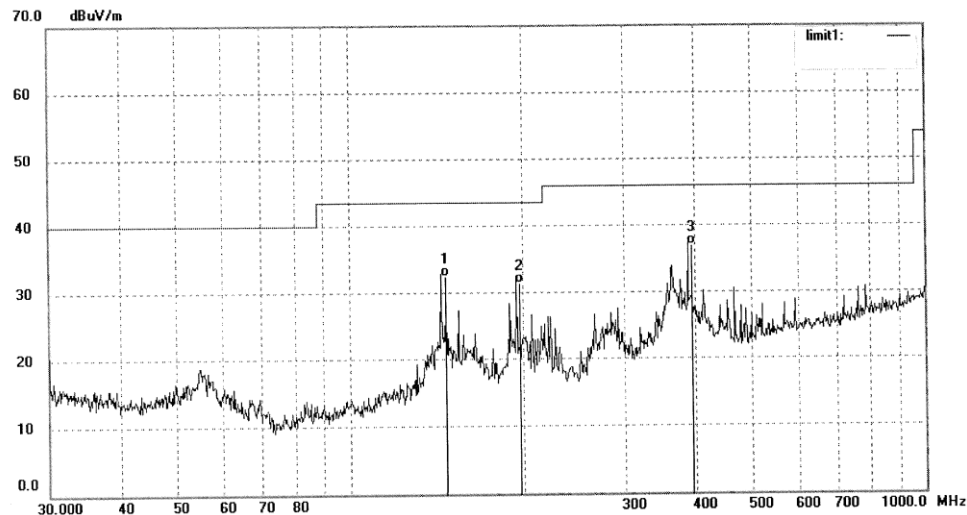
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1872
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: SD Playing
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/02/43
Engineer Signature: Alen
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	146.5100	47.59	-15.20	32.39	43.50	-11.11	QP			
2	197.0100	43.86	-12.46	31.40	43.50	-12.10	QP			
3	390.2189	44.30	-7.21	37.09	46.00	-8.91	QP			


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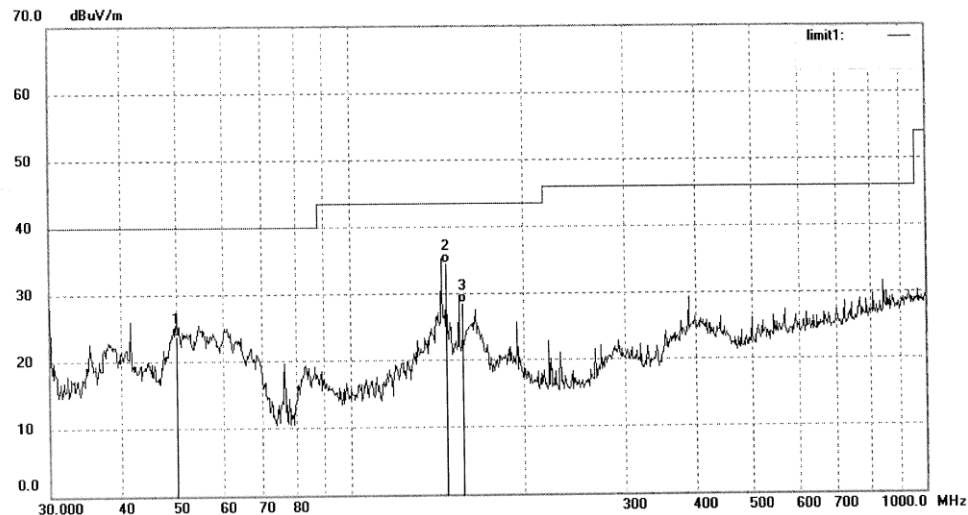
Tel:+86-0755-26503290

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Job No.: ALEN #1873
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: SD Playing
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/11/42
Engineer Signature: Alen
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	49.7571	36.45	-12.60	23.85	40.00	-16.15	QP			
2	146.4780	49.76	-15.21	34.55	43.50	-8.95	QP			
3	157.2300	43.43	-14.86	28.57	43.50	-14.93	QP			


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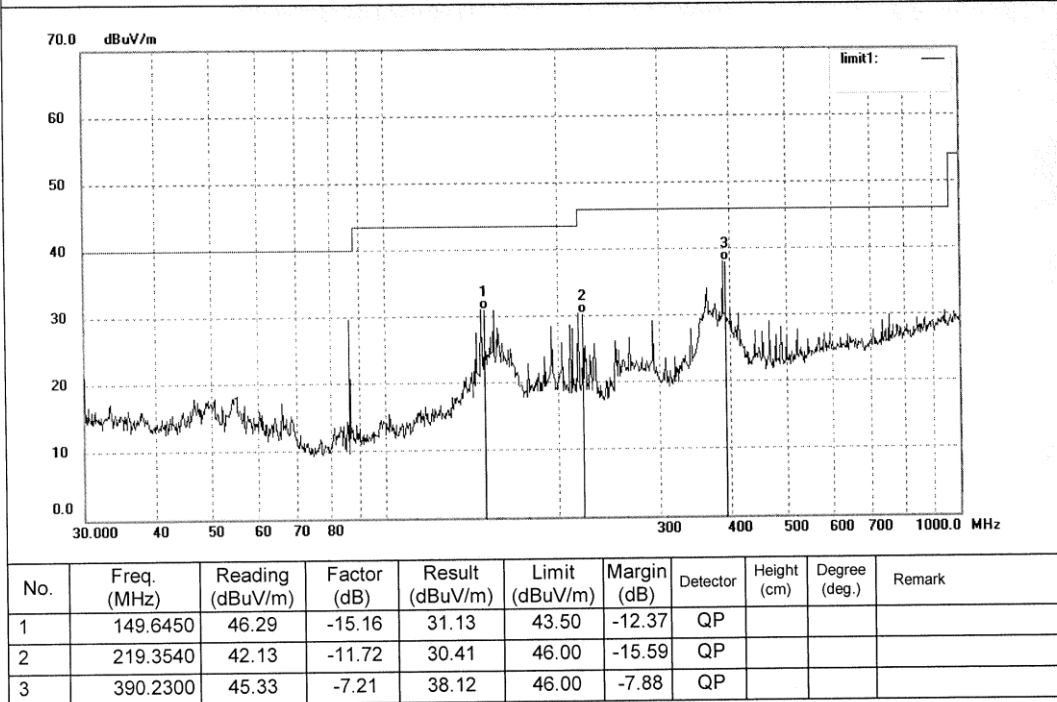
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1875
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 88.1MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/28/35
Engineer Signature: Alen
Distance: 3m

Note:




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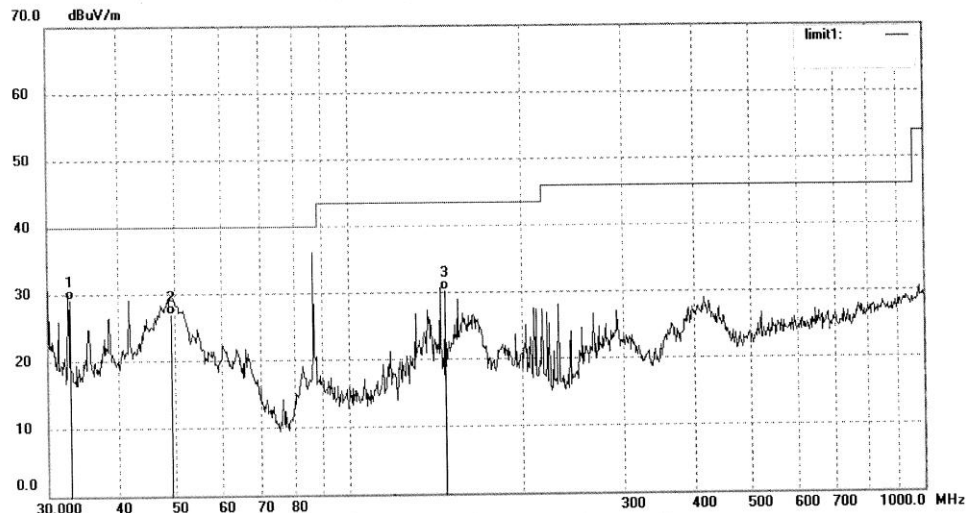
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1874
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 88.1MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/19/10
Engineer Signature: ALEN
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	33.2100	39.64	-10.25	29.39	40.00	-10.61	QP			
2	49.0626	39.69	-12.61	27.08	40.00	-12.92	QP			
3	145.8700	45.55	-15.21	30.34	43.50	-13.16	QP			


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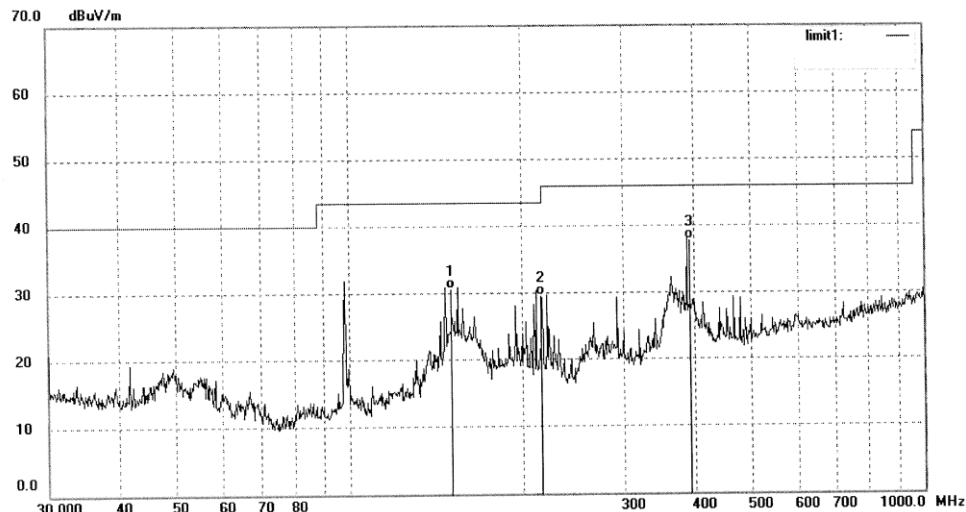
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1876
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 98.1MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/36/39
Engineer Signature: ALEN
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	148.8950	45.88	-15.17	30.71	43.50	-12.79	QP			
2	213.7540	41.69	-11.95	29.74	43.50	-13.76	QP			
3	390.2100	45.17	-7.21	37.96	46.00	-8.04	QP			


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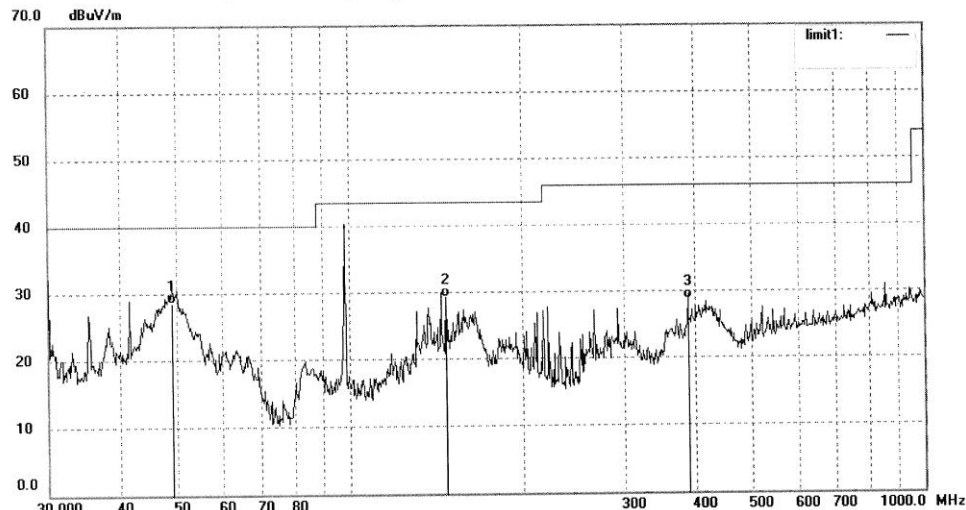
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1877
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 98.1MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/45/35
Engineer Signature: Alen
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	49.0626	41.24	-12.61	28.63	40.00	-11.37	QP			
2	146.6799	44.53	-15.20	29.33	43.50	-14.17	QP			
3	389.8980	36.09	-7.22	28.87	46.00	-17.13	QP			


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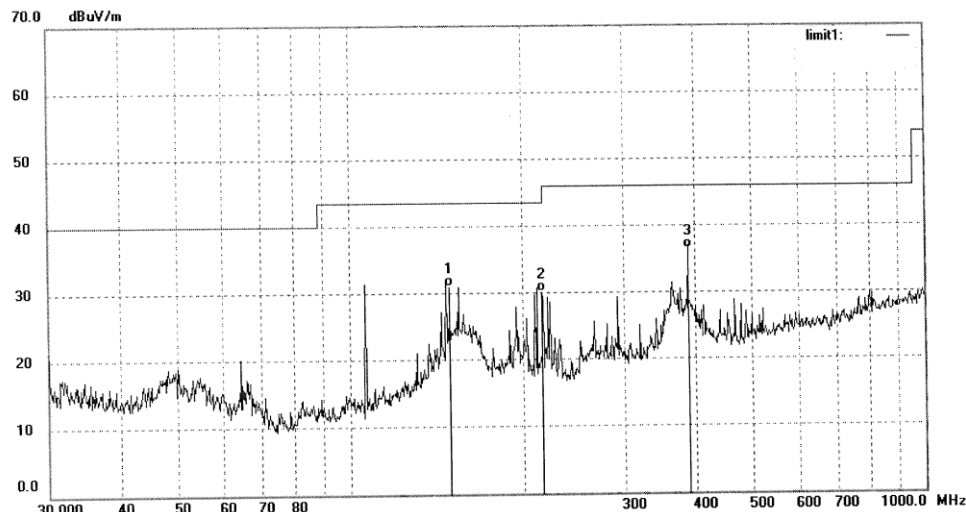
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1879
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 107.9MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 10/02/01
Engineer Signature: ALEN
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	149.7800	46.19	-15.16	31.03	43.50	-12.47	QP			
2	213.8520	42.17	-11.95	30.22	43.50	-13.28	QP			
3	390.7500	43.72	-7.19	36.53	46.00	-9.47	QP			


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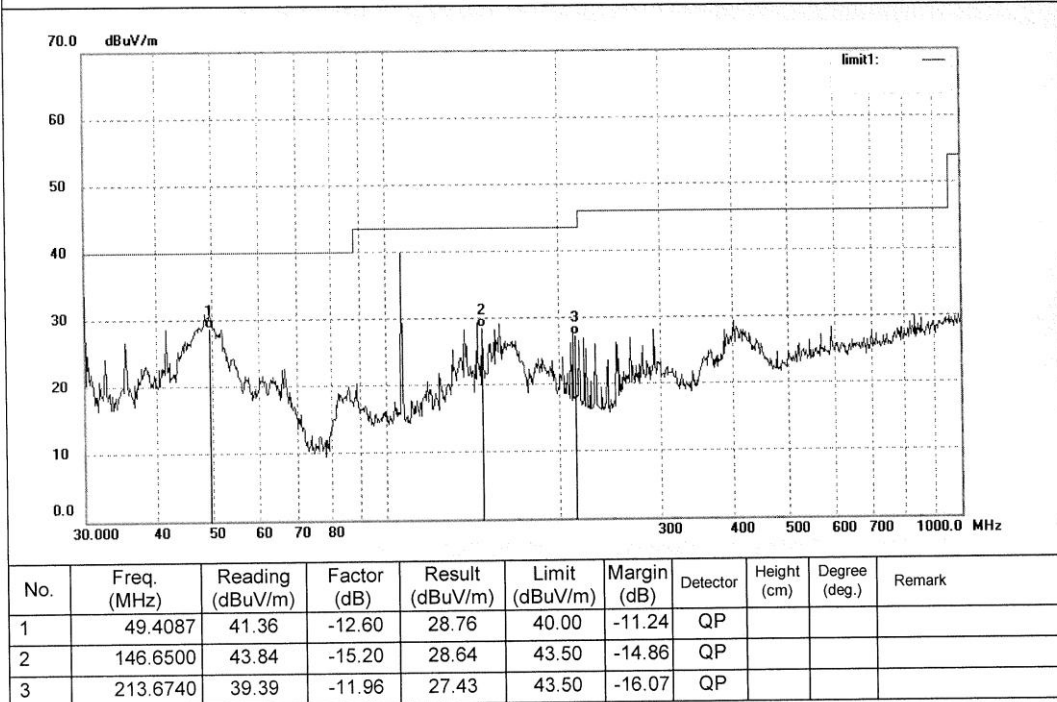
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1878
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 107.9MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/02/22/
Time: 9/53/55
Engineer Signature: ALEN
Distance: 3m

Note:




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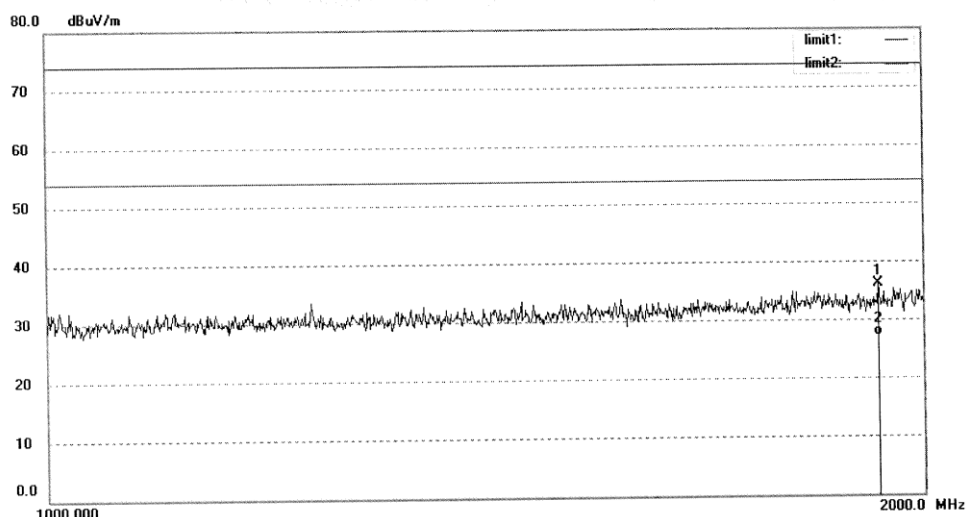
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1962
Standard: FCC
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: Aux in
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/03/20/
Time: 11/35/11
Engineer Signature: Alen
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	1930.397	45.55	-9.47	36.08	74.00	-37.92	peak			
2	1930.397	36.57	-9.47	27.10	54.00	-26.90	AVG			


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Job No.: ALEN #1963

Standard: FCC

Test item: Radiation Test

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

EUT: Multimedia Speaker

Mode: Aux in

Model: iF355BT

Manufacturer: EDIFIER

Polarization: Vertical

Power Source: AC 120V/60Hz

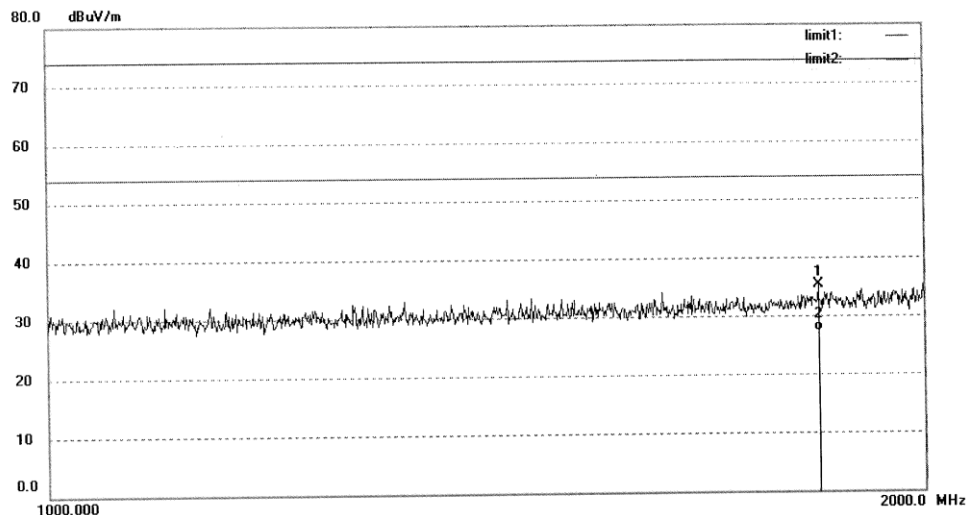
Date: 14/03/20/

Time: 11/43/58

Engineer Signature: Alen

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	1838.791	44.96	-9.64	35.32	74.00	-38.68	peak			
2	1838.791	36.88	-9.64	27.24	54.00	-26.76	AVG			


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Site: 2# Chamber

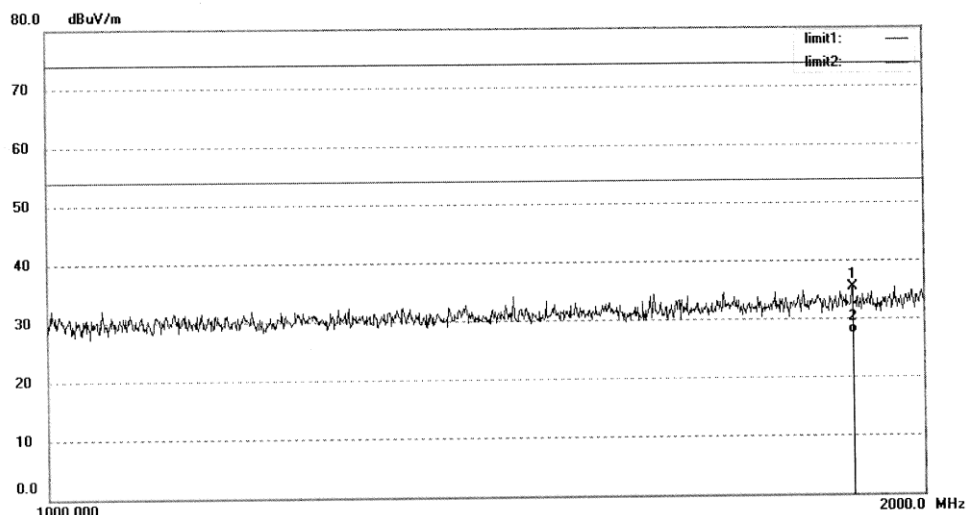
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1965
Standard: FCC
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: SD Playing
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/03/20/
Time: 11/59/12
Engineer Signature: Alen
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	1890.591	44.93	-9.68	35.25	74.00	-38.75	peak			
2	1890.591	36.89	-9.68	27.21	54.00	-26.79	AVG			


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Site: 2# Chamber

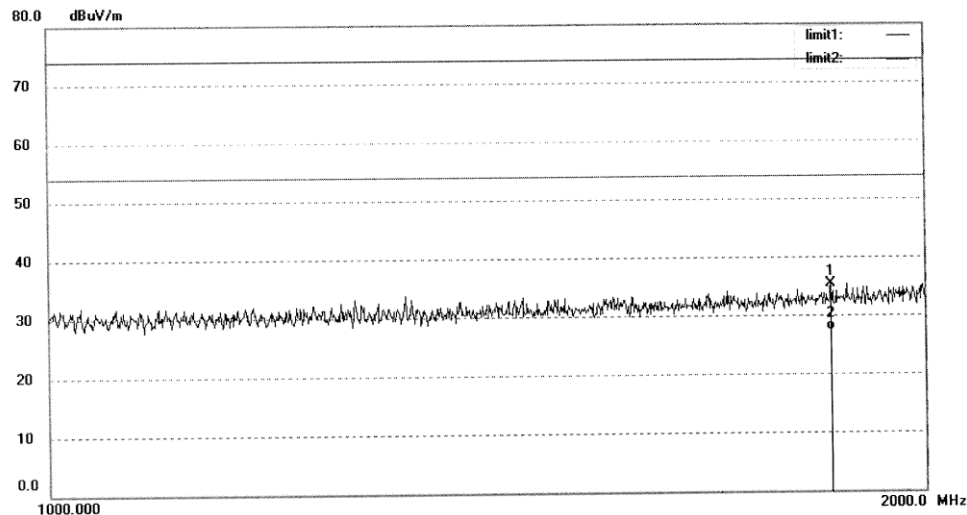
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1964
Standard: FCC
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: SD Playing
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 14/03/20/
Time: 11/51/41
Engineer Signature: Alen
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	1856.758	44.93	-9.55	35.38	74.00	-38.62	peak			
2	1856.758	36.94	-9.55	27.39	54.00	-26.61	AVG			


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Site: 2# Chamber

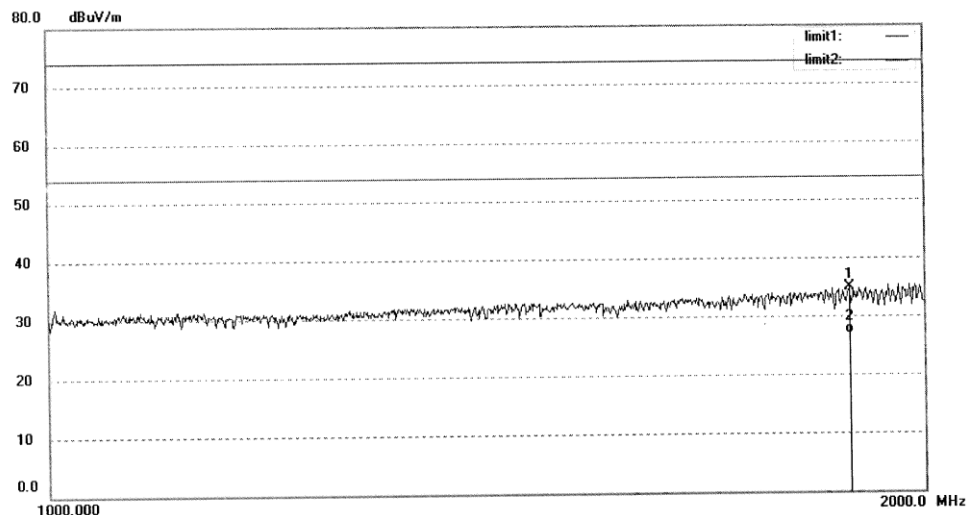
Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: ALEN #1956
Standard: FCC
Test item: Radiation Test
Temp.(C)/Hum.(%) 23 C / 48 %
EUT: Multimedia Speaker
Mode: FM 88.1MHz
Model: iF355BT
Manufacturer: EDIFIER

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 14/03/20/
Time: 10/37/32
Engineer Signature: Alen
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	1885.347	44.66	-9.66	35.00	74.00	-39.00	peak			
2	1885.347	36.54	-9.66	26.88	54.00	-27.12	AVG			