


ACCURATE TECHNOLOGY CO., LTD.

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

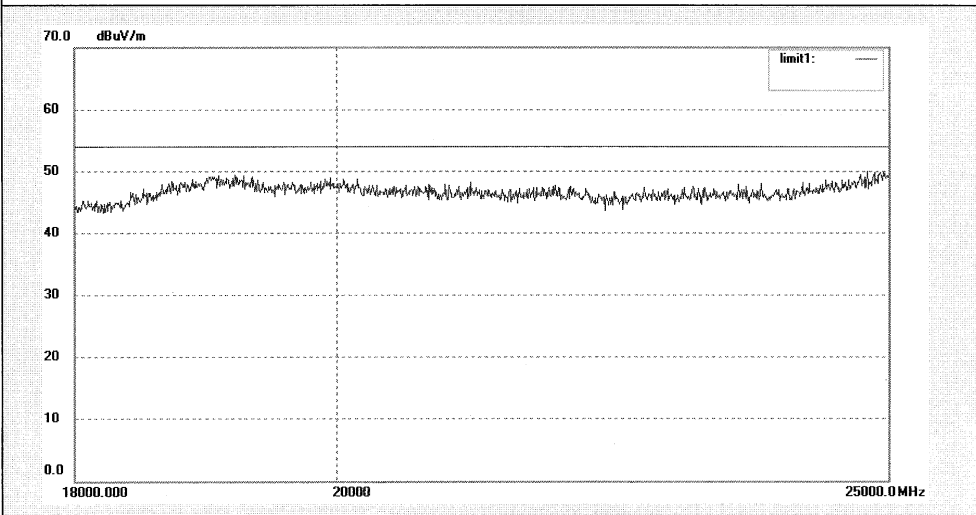
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9685	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/23/
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:41:17
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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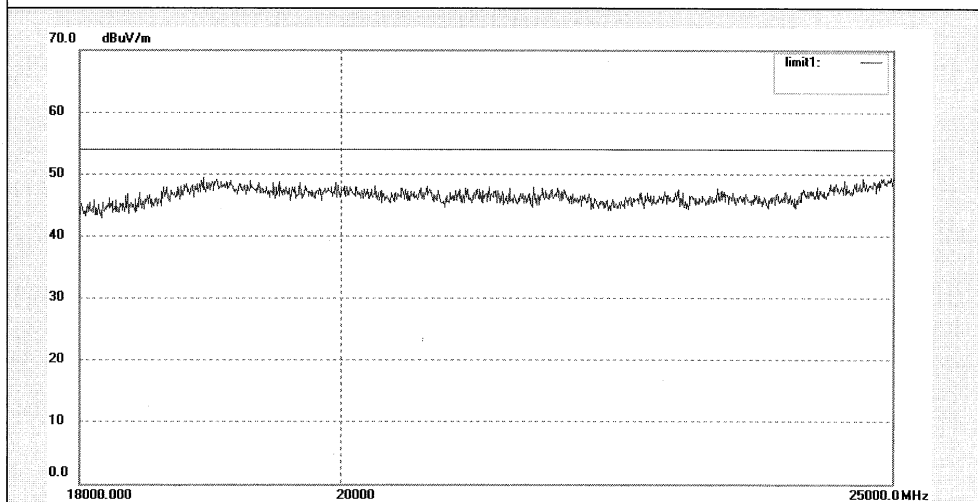
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9684	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/23/
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:33:46
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2441MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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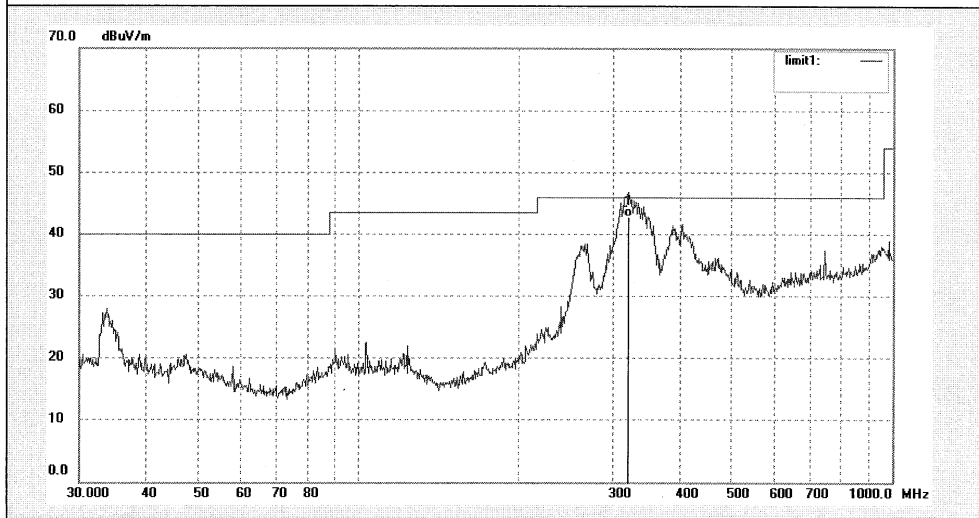
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9903	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/29/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0:37:37
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	322.3306	23.29	19.44	42.73	46.00	-3.27	QP			


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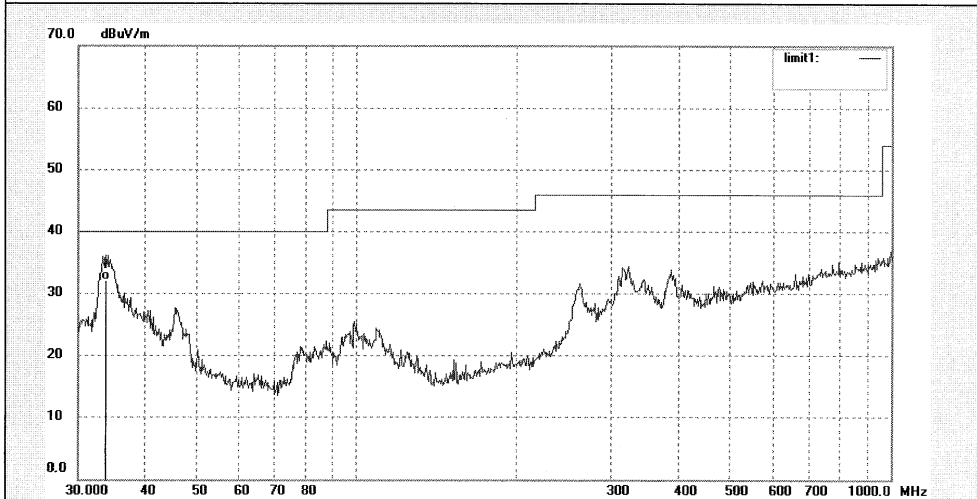
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9904	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/29/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 0:44:46
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	33.8067	16.36	15.81	32.17	40.00	-7.83	QP			


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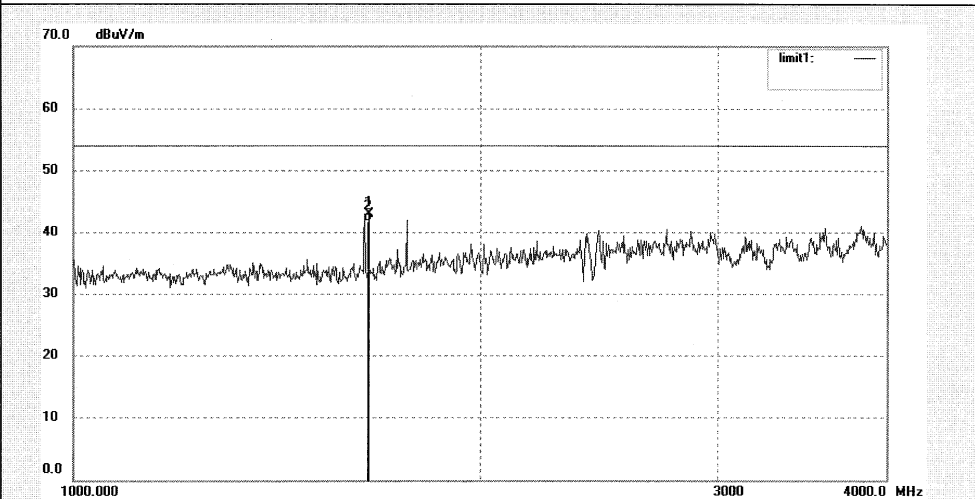
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9671	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:19:18
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.726	53.69	-10.74	42.95	54.00	-11.05	peak			
2	1652.726	52.51	-10.74	41.77	54.00	-12.23	AVG			


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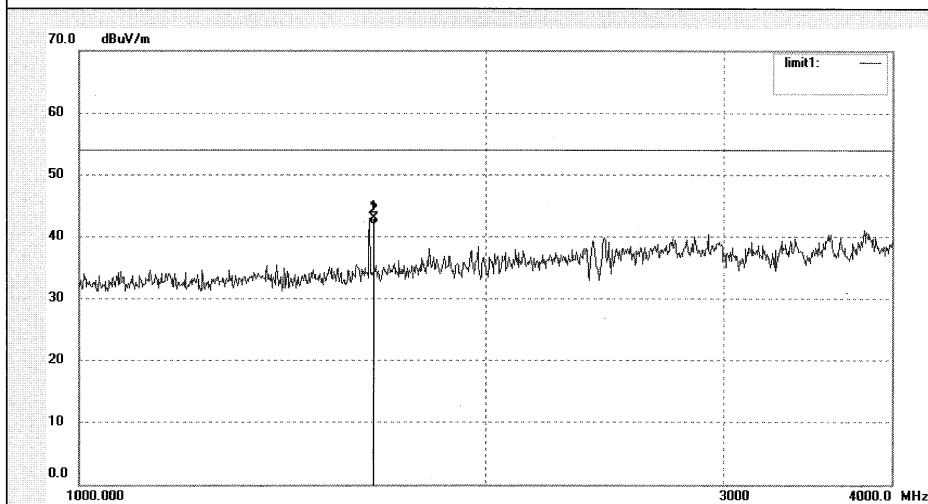
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9670	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:08:02
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1652.655	53.67	-10.74	42.93	54.00	-11.07	peak			
2	1652.655	52.64	-10.74	41.90	54.00	-12.10	AVG			


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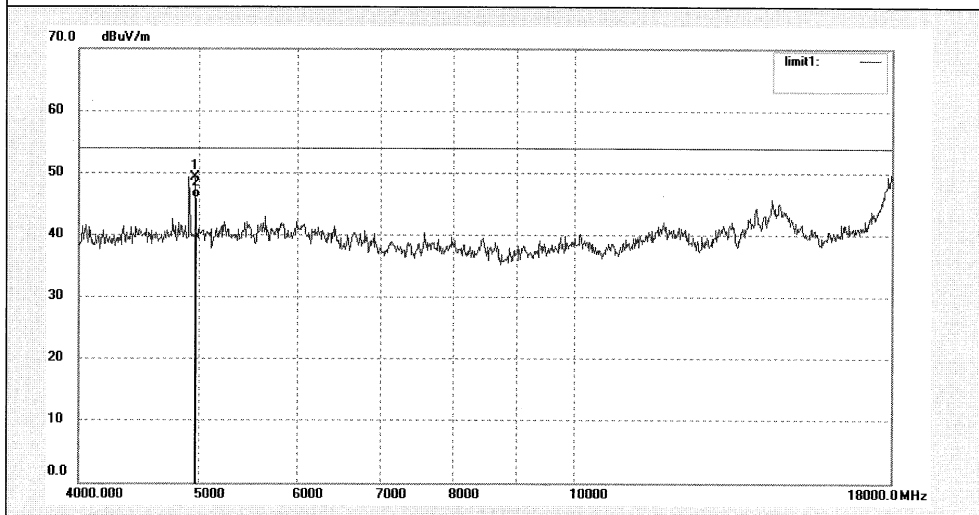
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9668	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 7:50:43
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4959.975	48.80	0.52	49.32	54.00	-4.68	peak			
2	4959.975	45.38	0.52	45.90	54.00	-8.10	AVG			


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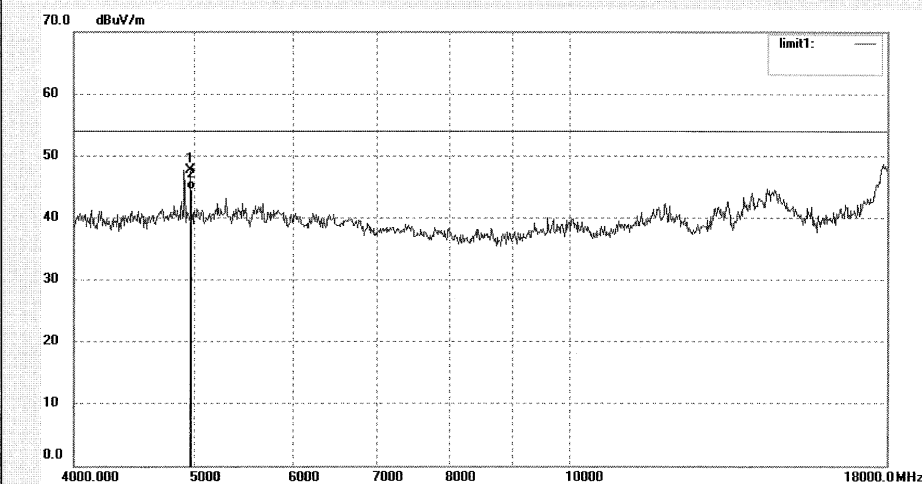
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9669	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 7:59:22
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4959.740	47.22	0.52	47.74	54.00	-6.26	peak			
2	4959.740	44.08	0.52	44.60	54.00	-9.40	AVG			


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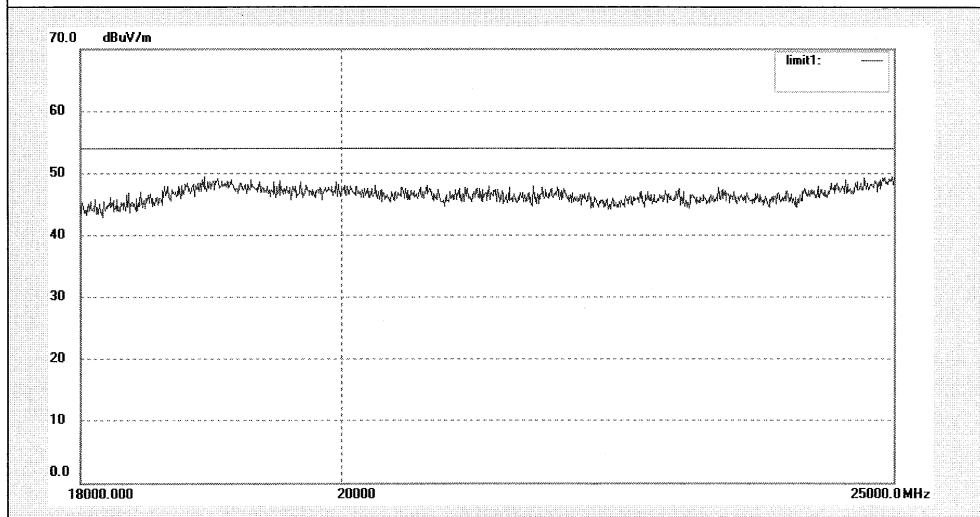
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9684	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/23/
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:47:46
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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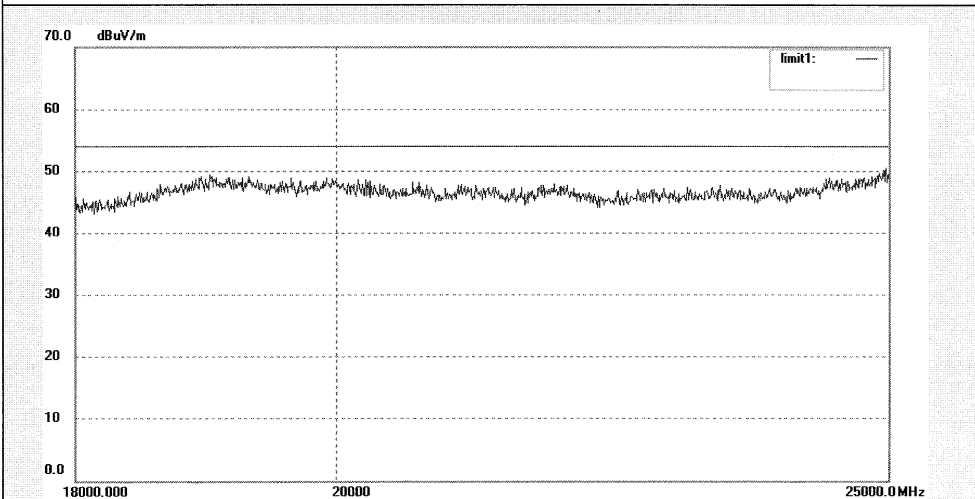
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9687	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/23/
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 19:54:19
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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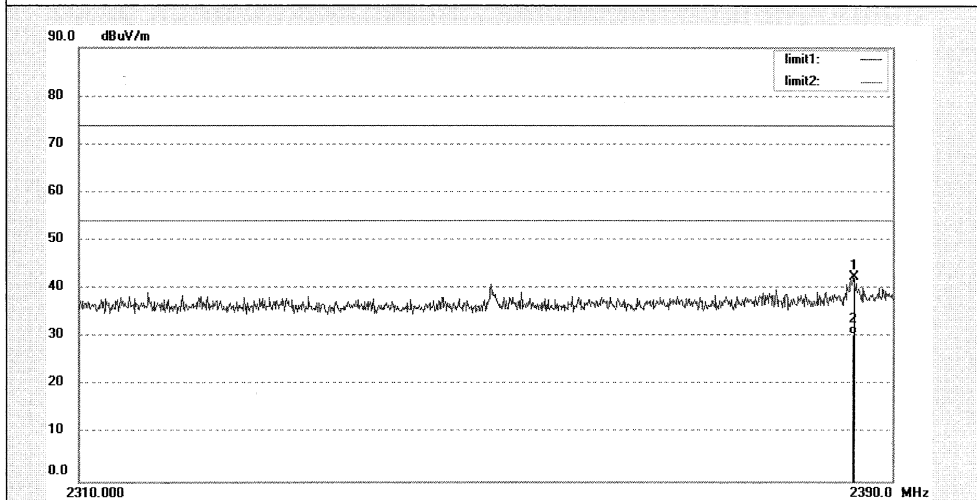

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 Site: 966 chamber
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 Fax:+86-0755-26503396

Job No.: pei #9675	Polarization: Horizontal
Standard: FCC Part 15 Band Edge(2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 9:08:07
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2386.090	49.95	-7.56	42.39	74.00	-31.61	peak			
2	2386.090	38.16	-7.56	30.60	54.00	-23.40	AVG			


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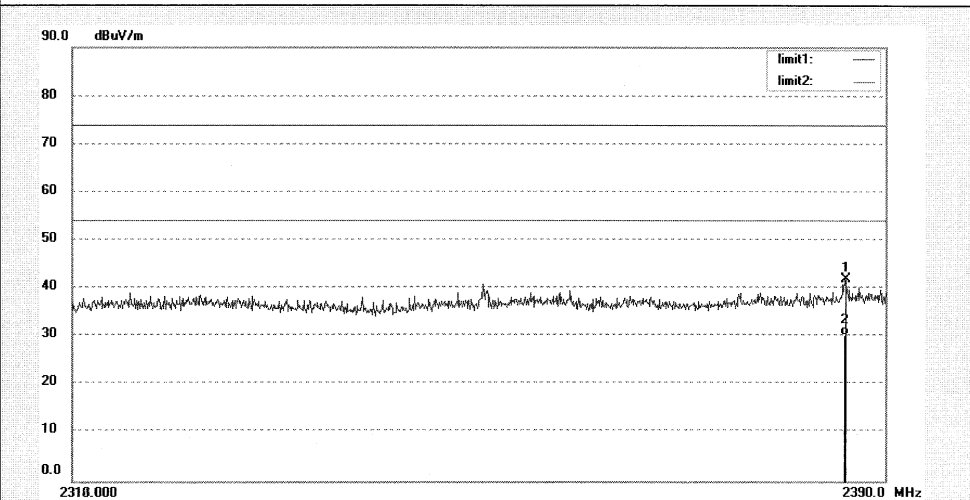
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9674	Polarization: Vertical
Standard: FCC Part 15 Band Edge(2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:59:42
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2402MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2385.927	49.54	-7.56	41.98	74.00	-32.02	peak			
2	2385.927	37.86	-7.56	30.30	54.00	-23.70	AVG			


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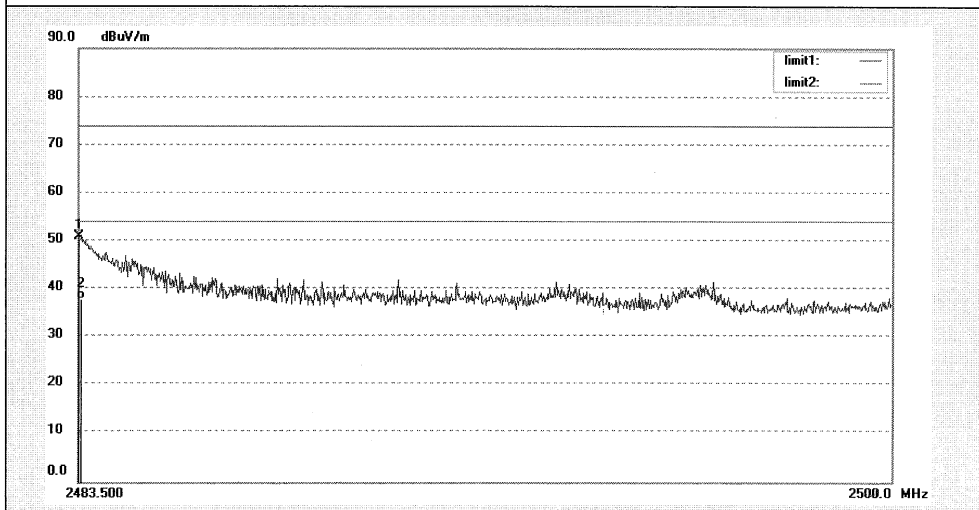
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9672	Polarization: Horizontal
Standard: FCC Part 15 Band Edge(2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:27:19
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	58.32	-7.37	50.95	74.00	-23.05	peak			
2	2483.500	45.37	-7.37	38.00	54.00	-16.00	AVG			


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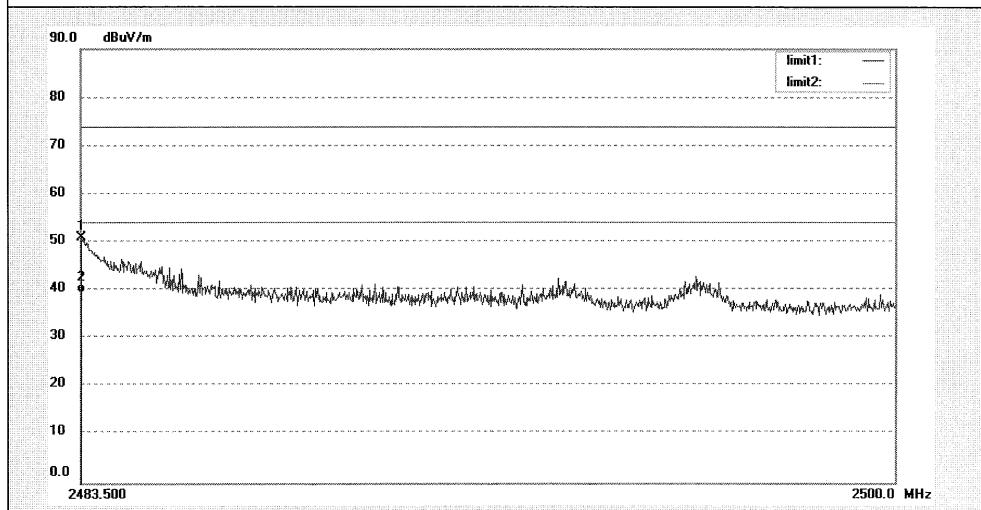
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9673	Polarization: Vertical
Standard: FCC Part 15 Band Edge(2.4G)	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 12/07/21/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8:41:08
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: TX 2480MHz	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	58.32	-7.37	50.95	74.00	-23.05	peak			
2	2483.500	46.87	-7.37	39.50	54.00	-14.50	AVG			

5.1.6 Frequency Separation

RESULT:
Pass

Date of testing : 2012-07-28
 Test standard : FCC part 15.247(a)(1)
 Basic standard : ANSI C63.4: 2003
 Limit : $\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth,
 whichever is greater
 Kind of test site : Shield room

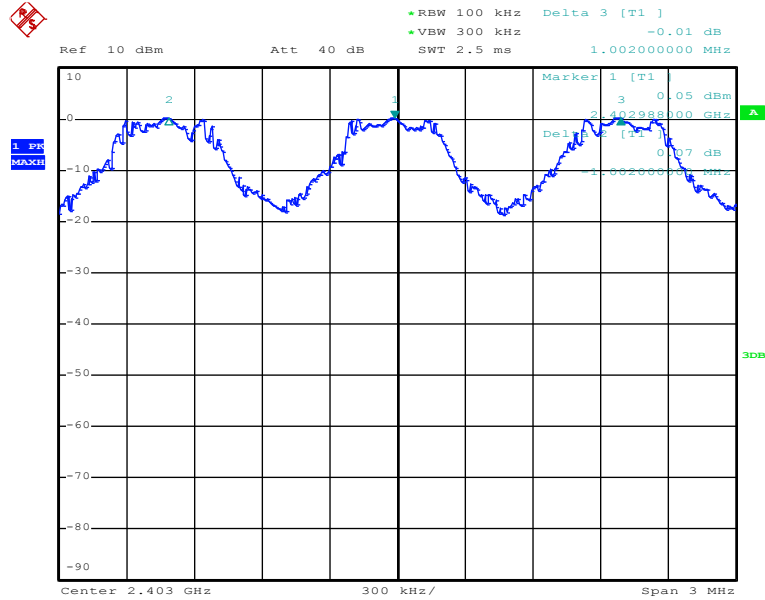
Test setup

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

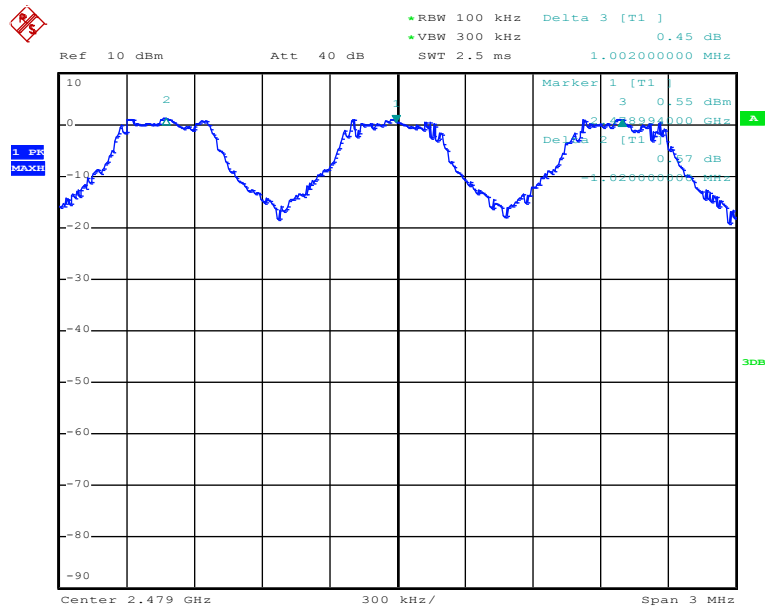
Table 6: Test result of Frequency Separation

Channel	Channel Frequency (MHz)	Measured Channel Separation (MHz)	Limit (kHz)	Result
Low Channel	2402	1.002	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.014	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2442			
High Channel	2479	1.002	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2480			

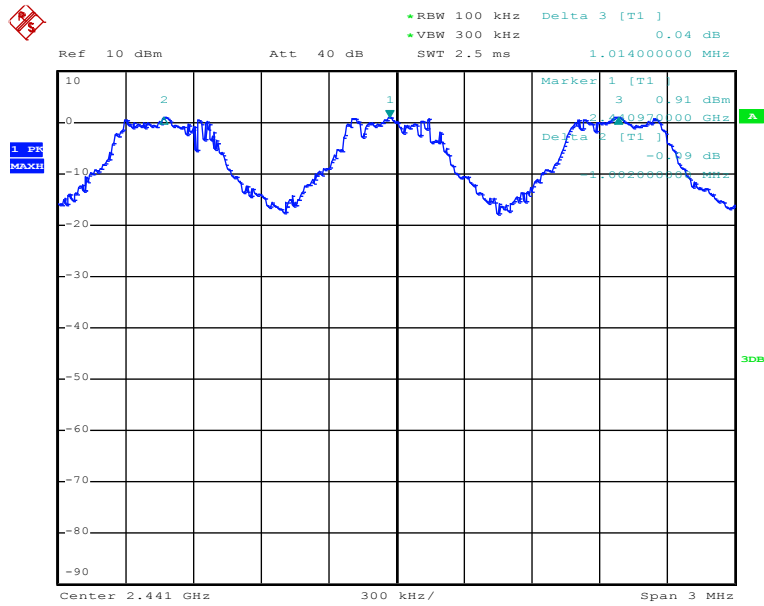
Test Plot of Frequency Separation



Date: 28.JUL.2012 19:32:09



Date: 28.JUL.2012 19:34:39



Date: 28.JUL.2012 19:29:28

Prüfbericht - Nr.: 17027342 001
Test Report No.**Seite 68 von 90**
Page 68 of 90**5.1.7 Number of hopping frequency****RESULT:****Pass**

Date of testing : 2012-07-28
Test standard : FCC part 15.247(a)(1)(iii)
Basic standard : ANSI C63.4: 2003
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

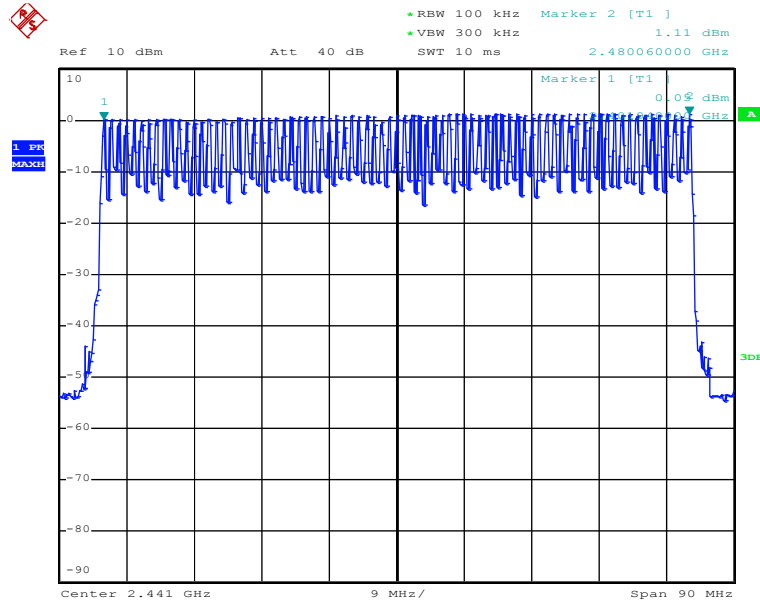
Test setup

Test Channel : Low/ Middle/ High
Operation Mode : A.1
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

Test Plot of Number of hopping frequency



Date: 28.JUL.2012 19:27:10

5.1.8 Time of Occupancy

RESULT:
Pass

Date of testing : 2012-07-28
 Test standard : FCC part 15.247(a)(1)(iii)
 Basic standard : ANSI C63.4: 2003
 Limits : 0.4s
 Kind of test site : Shield room

Test setup

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

Table 8: Test result of Time of Occupancy of BDR mode

Channel	Pulse width (ms)		Measured time of Occupancy (s)	Limit (s)	Result
2402MHz	DH1	0.54	0.175	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass
2441MHz	DH1	0.54	0.175	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass
2480MHz	DH1	0.54	0.175	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass

Table 9: Test result of Time of Occupancy of EDR mode

Channel	Pulse width (ms)		Measured time of Occupancy (s)	Limit (s)	Result
2402MHz	DH1	0.55	0.177	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass
2441MHz	DH1	0.55	0.177	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass
2480MHz	DH1	0.55	0.177	0.4	Pass
	DH3	1.82	0.298	0.4	Pass
	DH5	3.09	0.343	0.4	Pass

Note:

Time of Occupancy = Pulse width x (Hopping rate / Number of channels) x Period

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

Prüfbericht - Nr.: 17027342 001
Test Report No.**Seite 71 von 90**
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5.1.9 Radiated emissions

RESULT:**Pass**

Date of testing : 2012-07-19
Test standard : FCC Part 15.109
Basic standard : ANSI C63.4: 2003
Frequency range : 30 – 6000MHz *
Limits : FCC Part 15.109(a)
Kind of test site : 3m Semi-Anechoic Chamber

Test Setup

Input Voltage : AC 120V, 60Hz
Operation Mode : A.2, A.3
Earthing : Not Connected
Ambient temperature : 25°C
Relative humidity : 52%
Atmospheric pressure : 101kPa

*- The EUT's highest frequency generated and used at mode A.2 & A.3 is less than 1000MHz, hence the highest scan frequency is up to 6GHz only.

For details refer to following test plot.

Test Plot of Radiated emissions


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

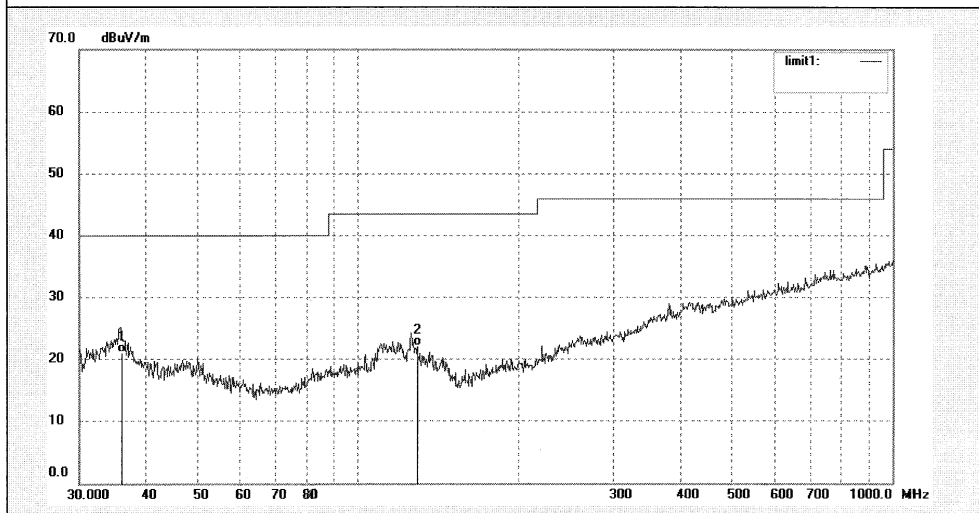
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9656	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:19:04
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.3127	5.72	15.39	21.11	40.00	-18.89	QP			
2	129.5515	9.26	12.93	22.19	43.50	-21.31	QP			


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

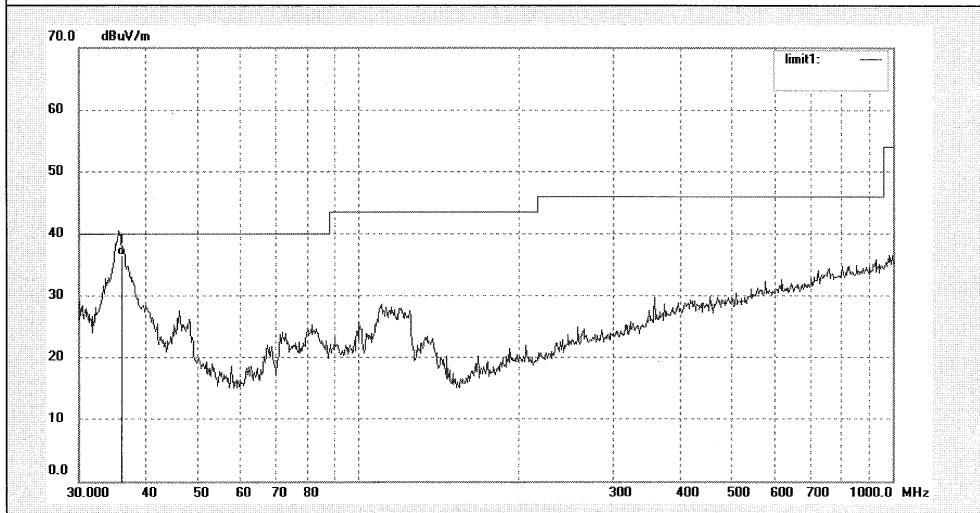
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9657	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:30:56
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.2850	21.11	15.39	36.50	40.00	-3.50	QP			


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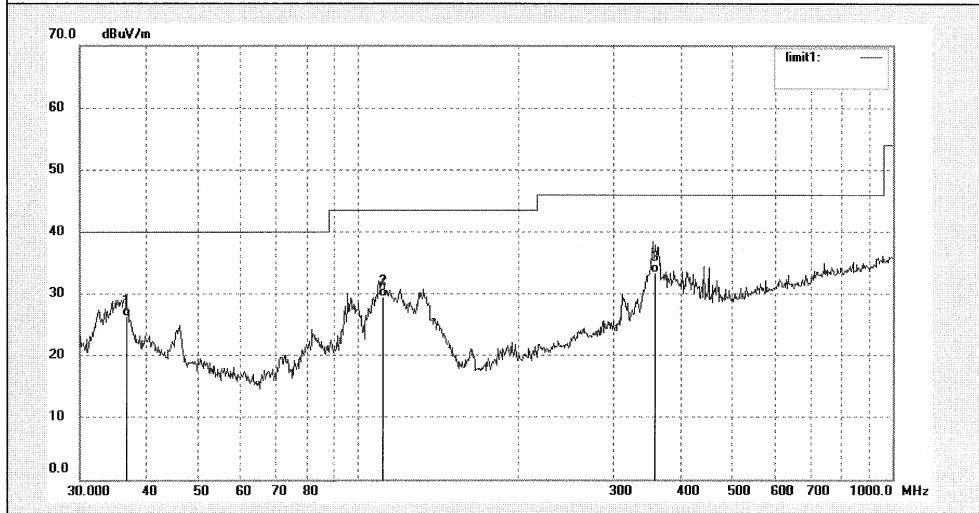
Site: 966 chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: pei #9659	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp. (C)/Hum. (%) 24 C / 48 %	Time: 20:54:50
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.7811	11.03	15.28	26.31	40.00	-13.69	QP			
2	111.2483	15.65	13.89	29.54	43.50	-13.96	QP			
3	358.6912	12.18	21.21	33.39	46.00	-12.61	QP			


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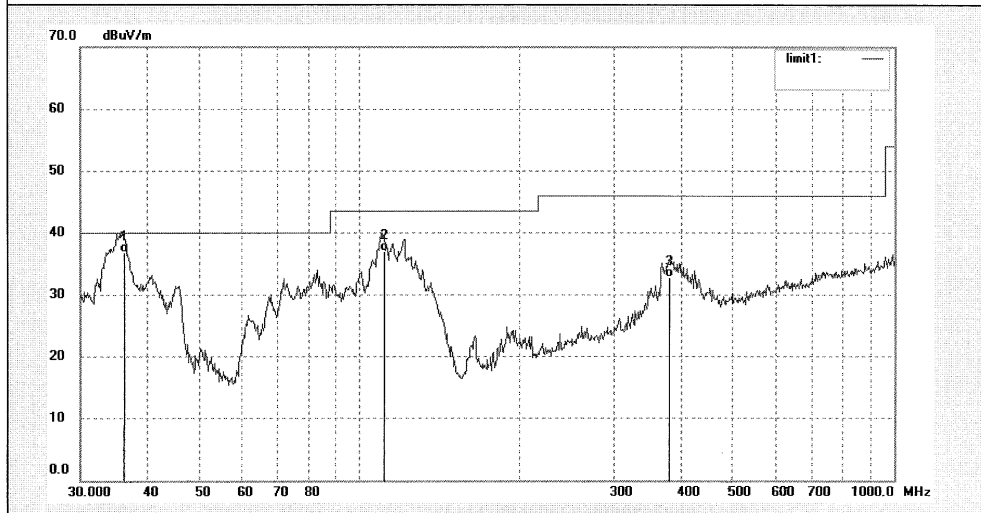
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9658	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 20:41:03
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	36.4004	21.51	15.38	36.89	40.00	-3.11	QP			
2	111.7670	23.19	13.86	37.05	43.50	-6.45	QP			
3	380.5126	11.27	21.56	32.83	46.00	-13.17	QP			


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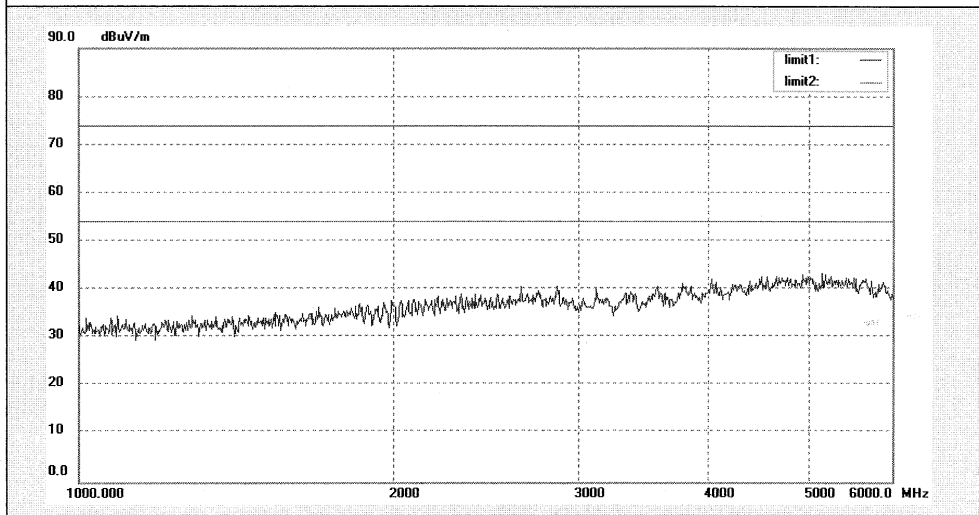
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9663	Polarization: Horizontal
Standard: FCC PART 15B	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 21:26:33
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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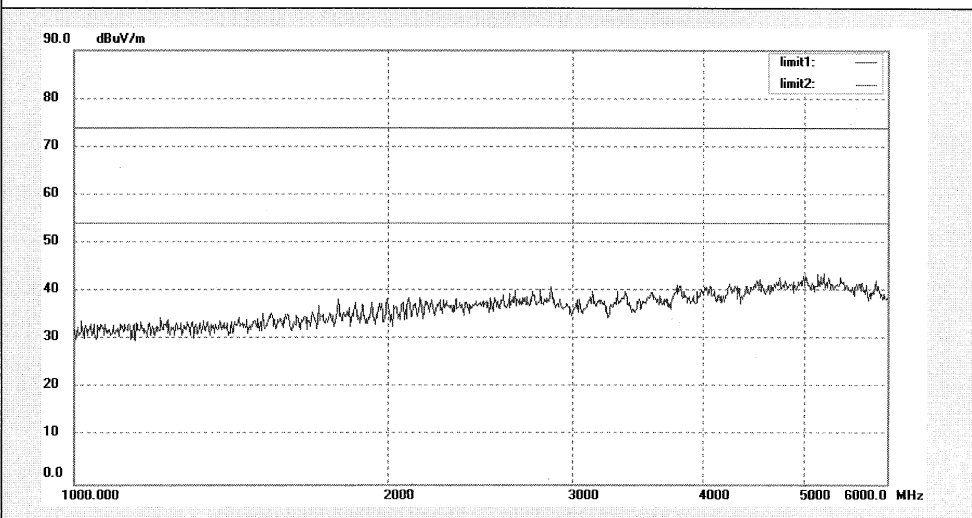
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9662	Polarization: Vertical
Standard: FCC PART 15B	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 21:19:46
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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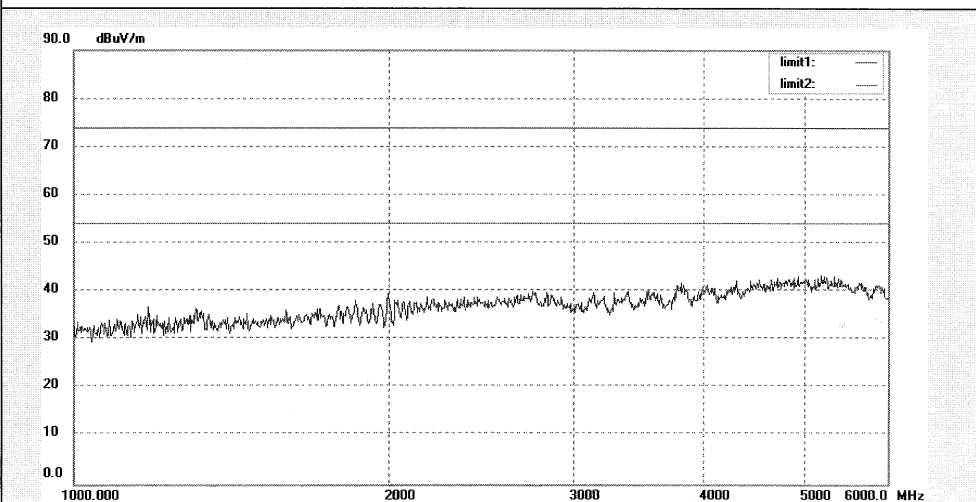
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9660	Polarization: Horizontal
Standard: FCC PART 15B	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 21:02:40
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
-----	-------------	------------------	-------------	-----------------	----------------	-------------	----------	-------------	---------------	--------


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

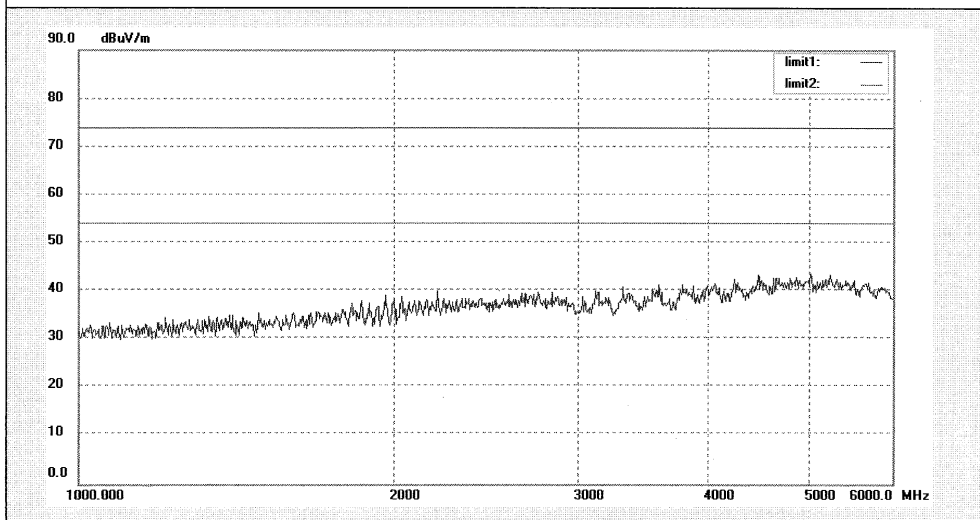
Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: pei #9661	Polarization: Vertical
Standard: FCC PART 15B	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/07/19
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 21:10:54
EUT: Bluetooth Speaker Stand	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: RF-BTSS01	
Manufacturer: Cyber Acoustics (HK) Ltd.	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
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5.1.10 Conducted emissions**RESULT:****Pass**

Date of testing : 2012-07-30
Test standard : FCC Part 15.107
FCC Part 15.207
Basic standard : ANSI C63.4: 2003
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.107(a)
FCC Part 15.207
Kind of test site : Shield room

Test setup

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

For details refer to following test plot.

Test Plot of Conducted emissions

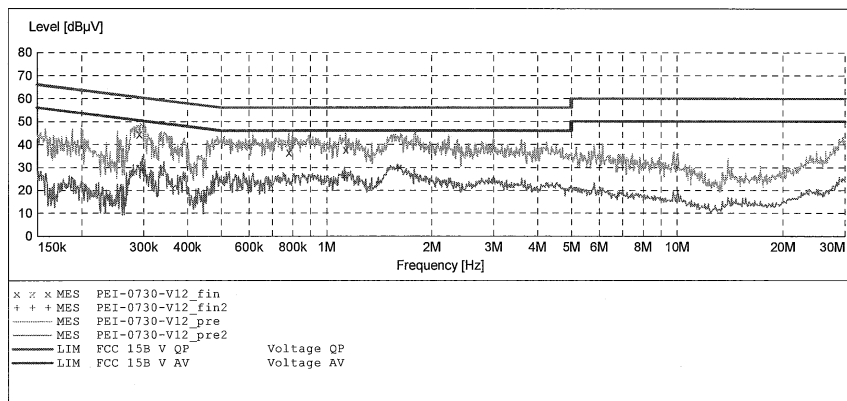
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:08:56AM

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

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



MEASUREMENT RESULT: "PEI-0730-V12_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.292160	44.60	11.6	61	15.9	QP	L1	GND
0.780036	36.60	11.9	56	19.4	QP	L1	GND
1.135229	37.70	11.8	56	18.3	QP	L1	GND

MEASUREMENT RESULT: "PEI-0730-V12_fin2"

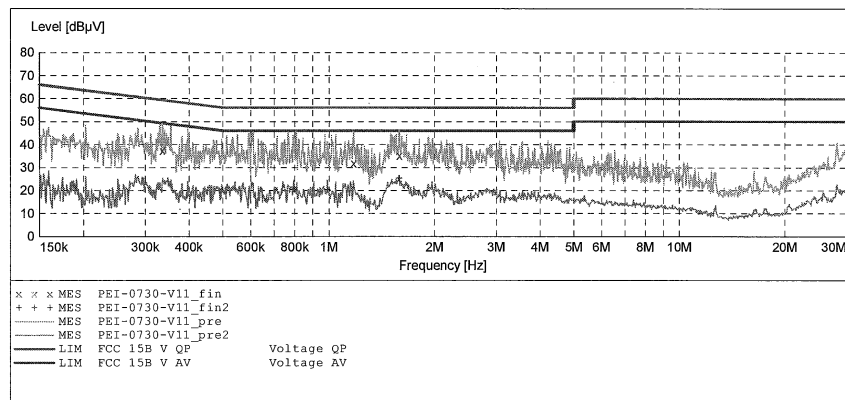
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.298051	28.60	11.6	50	21.7	AV	L1	GND
1.126202	25.20	11.8	46	20.8	AV	L1	GND
1.600232	29.50	11.7	46	16.5	AV	L1	GND

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

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Bluetooth
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:05:14AM

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

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


MEASUREMENT RESULT: "PEI-0730-V11_fin"

7/30/2012 9:08AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.335971	37.30	11.7	59	22.0	QP	N	GND
1.176758	31.70	11.8	56	24.3	QP	N	GND
1.587507	35.10	11.7	56	20.9	QP	N	GND

MEASUREMENT RESULT: "PEI-0730-V11_fin2"

7/30/2012 9:08AM

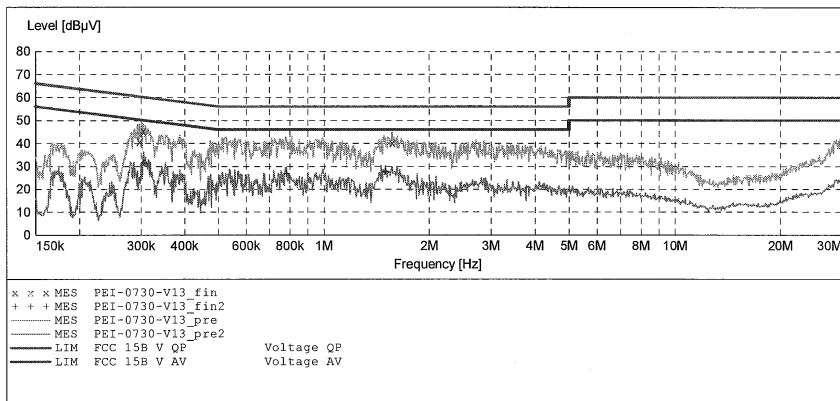
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.795762	20.20	11.9	46	25.8	AV	N	GND
0.991146	20.20	11.8	46	25.8	AV	N	GND
1.587507	25.30	11.7	46	20.7	AV	N	GND

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

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:11:44AM

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

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


MEASUREMENT RESULT: "PEI-0730-V13_fin"

7/30/2012 9:13AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.296863	40.80	11.6	60	19.5	QP	L1	GND
0.304059	45.50	11.6	60	14.6	QP	L1	GND
1.568608	40.10	11.7	56	15.9	QP	L1	GND

MEASUREMENT RESULT: "PEI-0730-V13_fin2"

7/30/2012 9:13AM

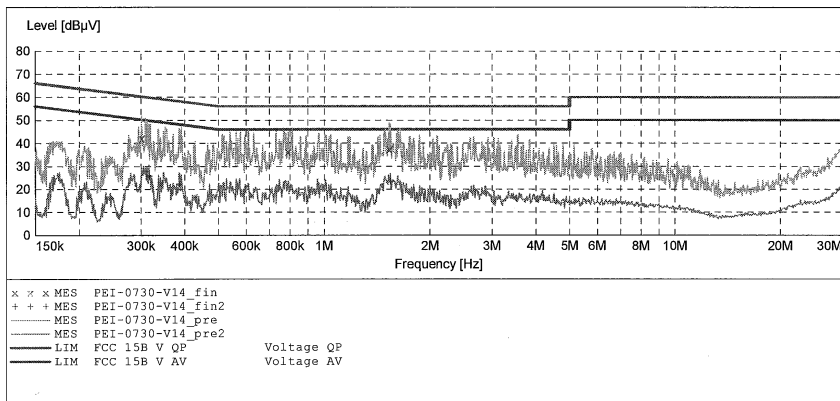
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.305276	31.50	11.6	50	18.6	AV	L1	GND
0.783156	26.60	11.9	46	19.4	AV	L1	GND
1.501217	27.70	11.7	46	18.3	AV	L1	GND

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

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:14:11AM

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

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


MEASUREMENT RESULT: "PEI-0730-V14_fin"

7/30/2012 9:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.301641	42.20	11.6	60	18.0	QP	N	GND
0.789434	36.20	11.9	56	19.8	QP	N	GND
1.531483	37.40	11.7	56	18.6	QP	N	GND

MEASUREMENT RESULT: "PEI-0730-V14_fin2"

7/30/2012 9:16AM

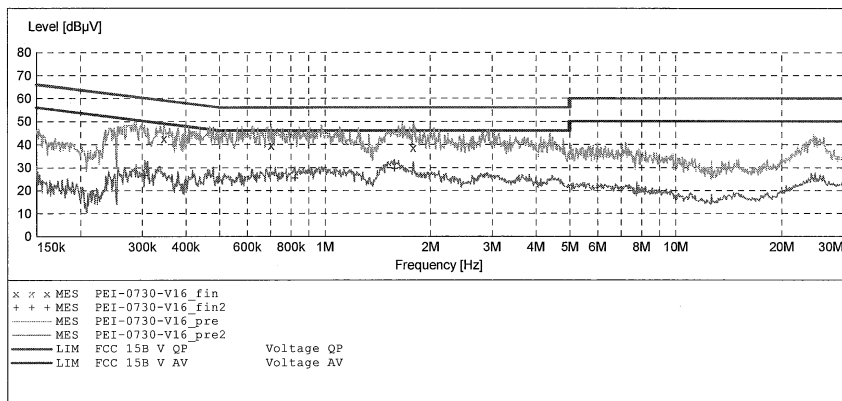
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.316443	25.70	11.6	50	24.1	AV	N	GND
0.386350	22.00	11.8	48	26.1	AV	N	GND
1.543759	23.20	11.7	46	22.8	AV	N	GND

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

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:19:52AM

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

Short Description: _SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-0730-V16_fin"

7/30/2012 9:21AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.346873	42.50	11.7	59	16.5	QP	L1	GND
0.703134	39.50	11.9	56	16.5	QP	L1	GND
1.789480	38.50	11.7	56	17.5	QP	L1	GND

MEASUREMENT RESULT: "PEI-0730-V16_fin2"

7/30/2012 9:21AM

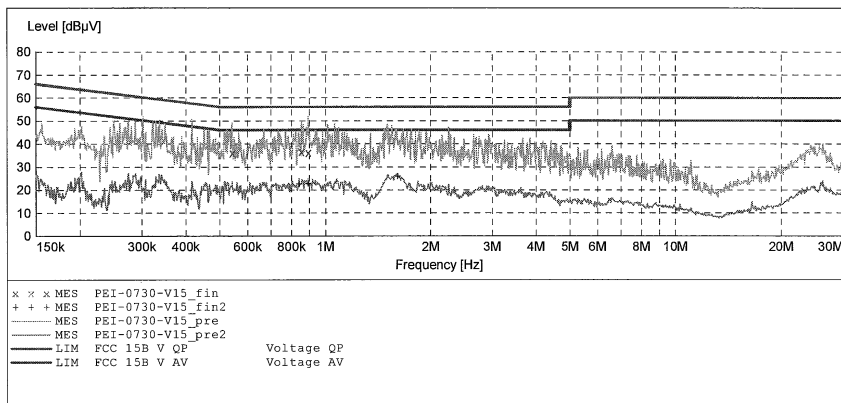
Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.305276	26.40	11.6	50	23.7	AV	L1	GND
0.821586	25.20	11.9	46	20.8	AV	L1	GND
1.581182	29.50	11.7	46	16.5	AV	L1	GND

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

EUT: Bluetooth Speaker Stand M/N:RF-BTSS01
 Manufacturer: Cyber Acoustics (HK) Ltd.
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment: Mains port
 Start of Test: 7/30/2012 / 9:17:13AM

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

Short Description: _SUB STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 0.8 % QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average


MEASUREMENT RESULT: "PEI-0730-V15_fin"

7/30/2012 9:19AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.542434	35.90	12.0	56	20.1	QP	N	GND
0.855047	36.50	11.9	56	19.5	QP	N	GND
0.893431	36.10	11.9	56	19.9	QP	N	GND

MEASUREMENT RESULT: "PEI-0730-V15_fin2"

7/30/2012 9:19AM

Frequency MHz	Level dBuV	Transd dB	Limit dBuV	Margin dB	Detector	Line	PE
0.841502	22.50	11.9	46	23.5	AV	N	GND
0.893431	22.70	11.9	46	23.3	AV	N	GND
1.613059	25.80	11.7	46	20.2	AV	N	GND

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : FCC KDB Publication 447498

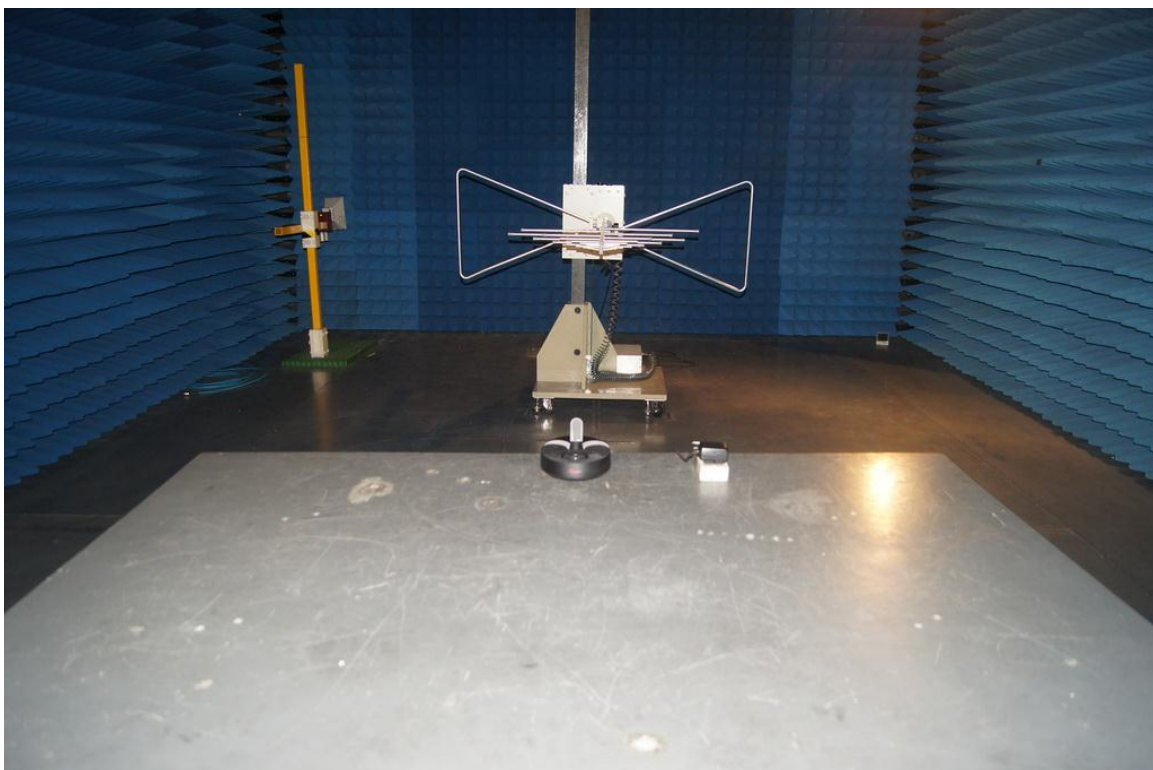
The maximum peak output power of the transmitter is 1.309mW (1.17dBm) only, which is $<60/f$ (GHz) mW, i.e. $1.309\text{mW} < 25 (=60/2.4)$ mW, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure.

7. Photographs of the Test Set-Up

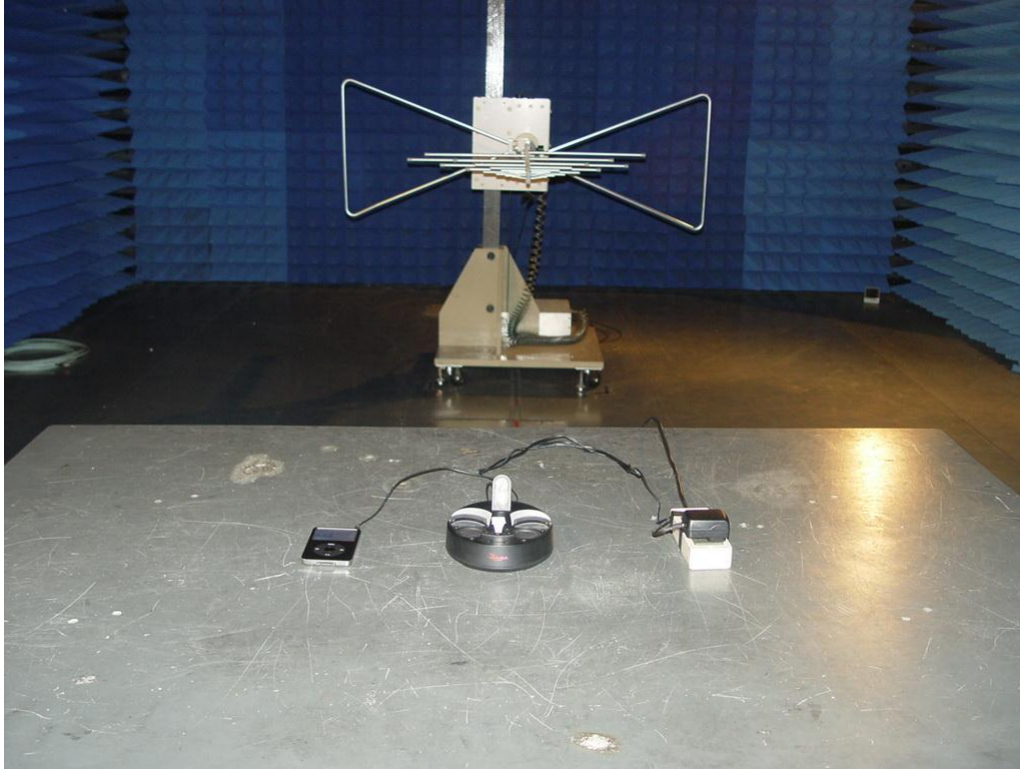
Photograph 1: Set-up for Conducted Emissions



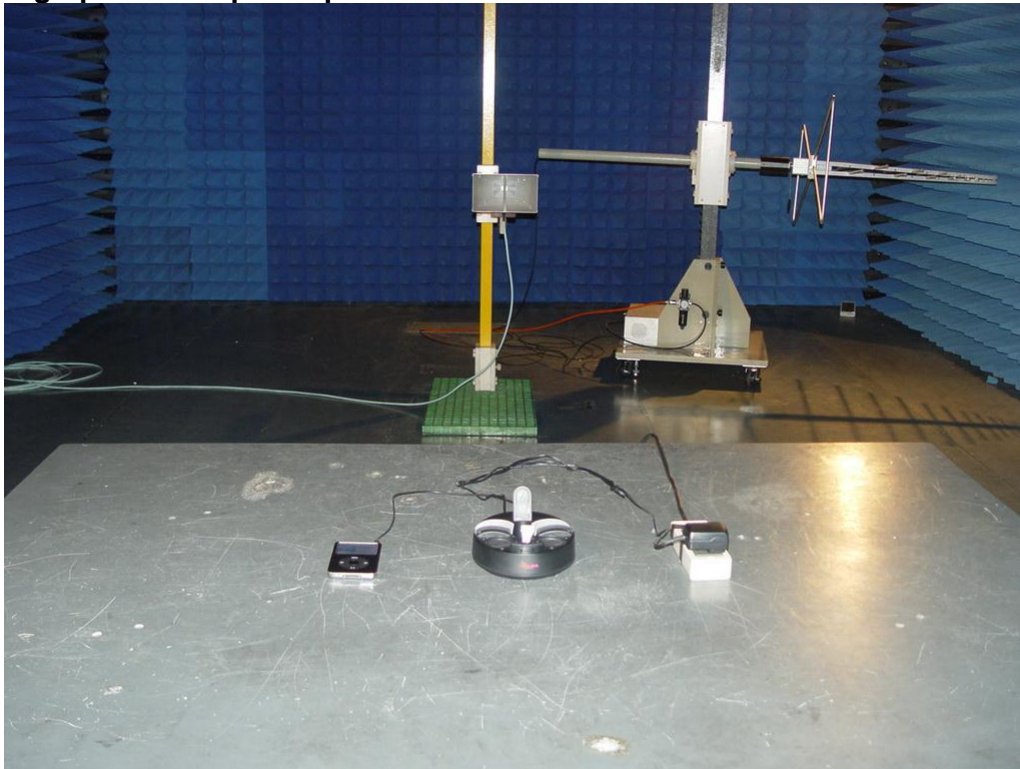
Photograph 2: Set-up for Radiated Emissions



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



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



8. List of Tables

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