


ACCURATE TECHNOLOGY CO., LTD.

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

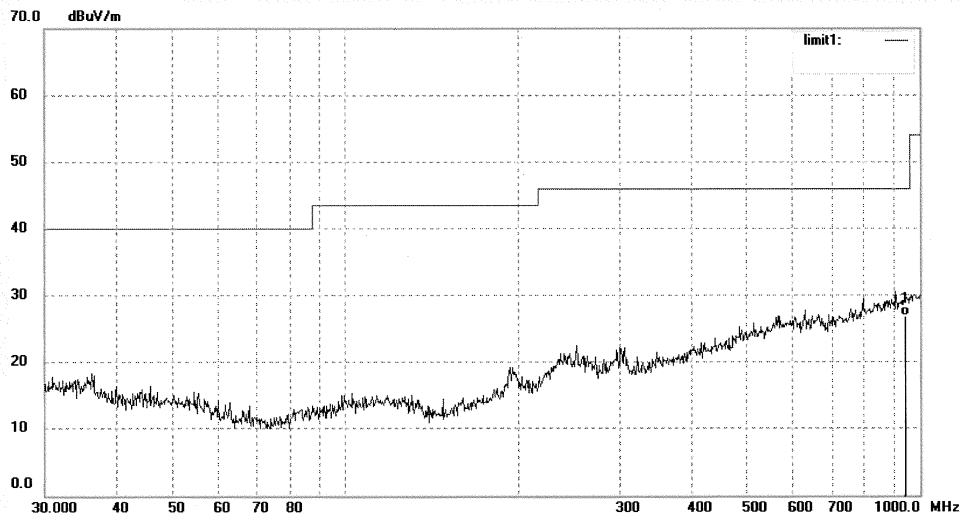
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #28	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 12:46:29
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	945.3336	24.81	2.09	26.90	46.00	-19.10	QP			

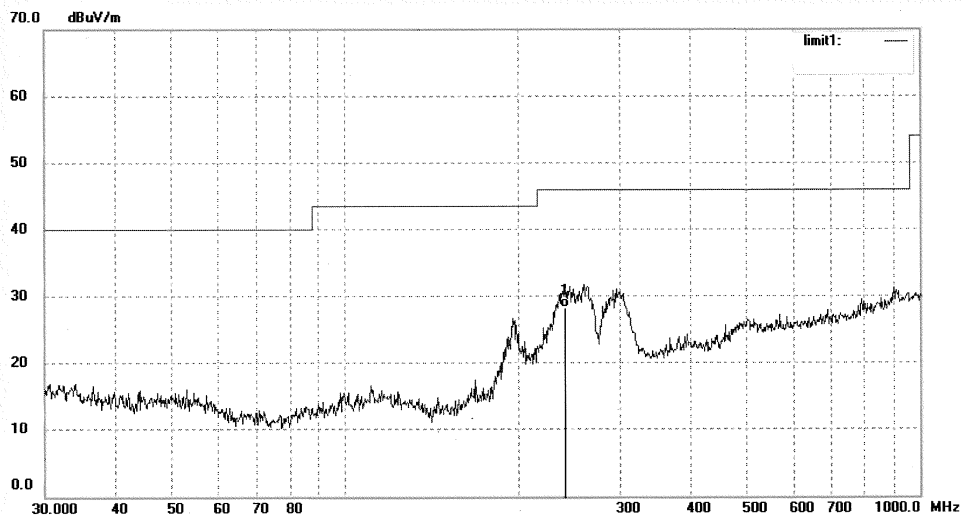

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 Site: 2# Chamber
 Tel:+86-0755-26503290
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Job No.: PHY #30	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:06:49
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



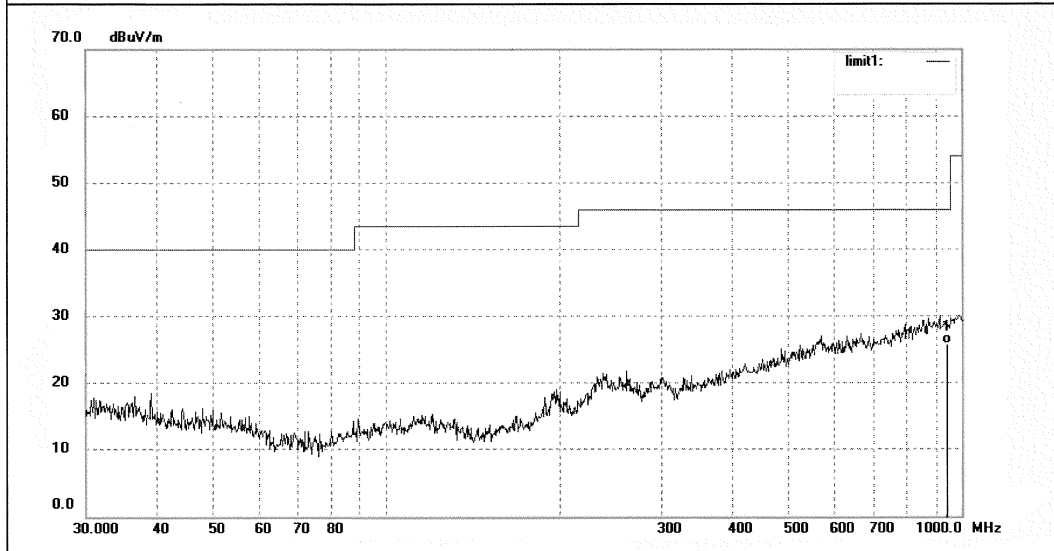
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	240.9895	39.08	-10.83	28.25	46.00	-17.75	QP			


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Job No.: PHY #29	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 12:57:39
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	942.0180	23.81	1.97	25.78	46.00	-20.22	QP			


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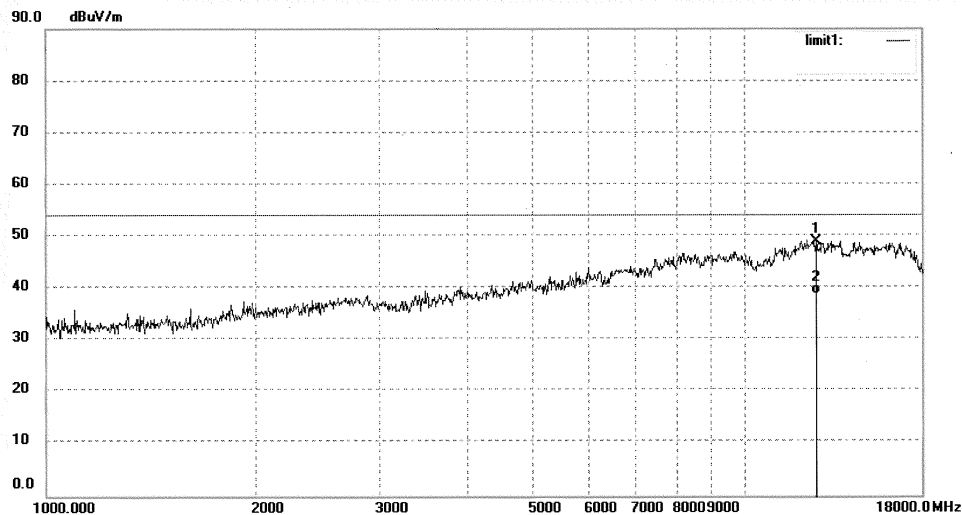
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #44	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:15:33
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12693.399	10.28	38.63	48.91	54.00	-5.09	peak			
2	12693.399	0.15	38.63	38.78	54.00	-15.22	AVG			


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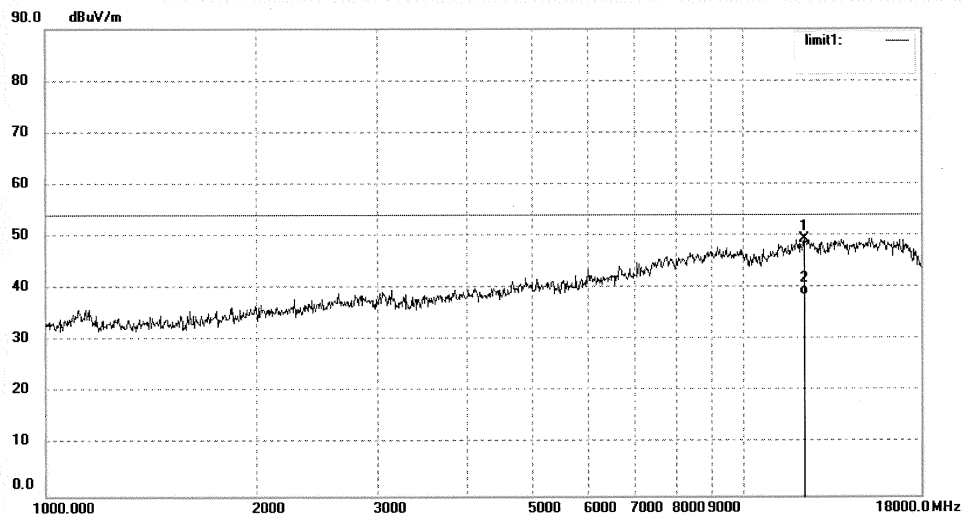
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #43	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:06:46
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



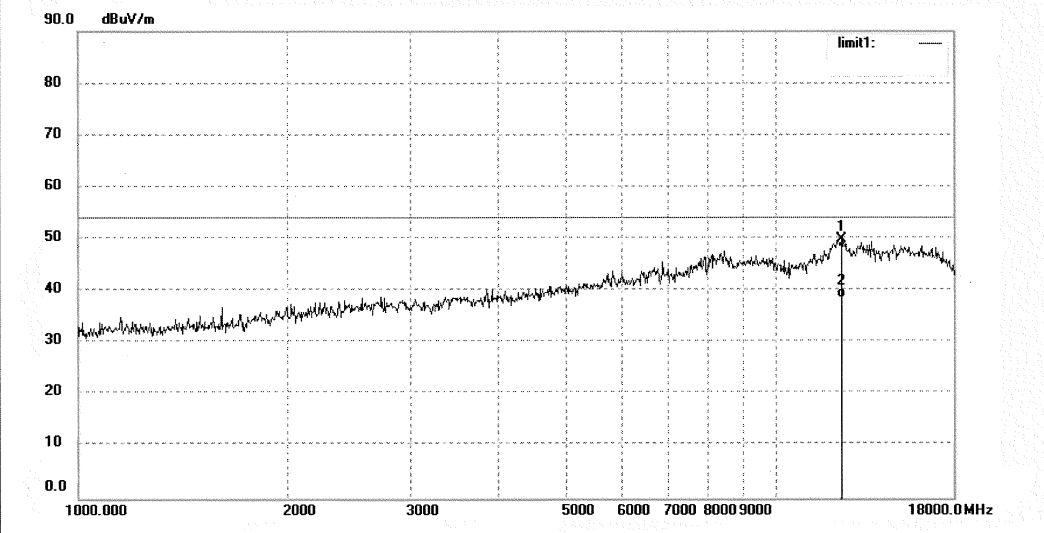
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12222.666	11.31	38.12	49.43	54.00	-4.57	peak			
2	12222.666	0.38	38.12	38.50	54.00	-15.50	AVG			


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 Fax:+86-0755-26503396

Job No.: PHY #46	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:33:59
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12401.236	11.47	38.30	49.77	54.00	-4.23	peak			
2	12401.236	0.18	38.30	38.48	54.00	-15.52	AVG			


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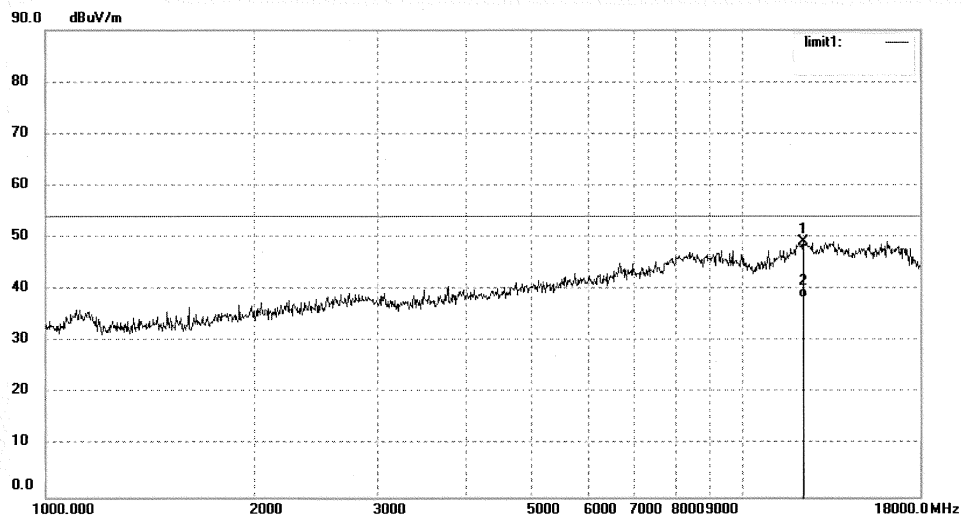
Site: 2# Chamber

Tel: +86-0755-26503290

Fax: +86-0755-26503396

Job No.: PHY #45	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:24:44
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12222.059	11.05	38.12	49.17	54.00	-4.83	peak			
2	12222.059	0.27	38.12	38.39	54.00	-15.61	AVG			


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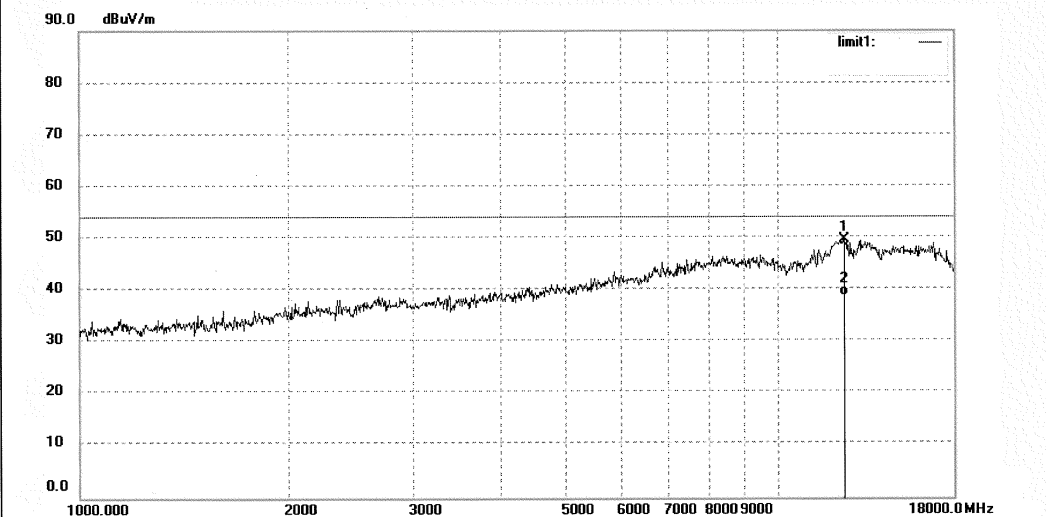
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #47	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:42:29
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12510.001	11.11	38.41	49.52	54.00	-4.48	peak			
2	12510.001	0.41	38.41	38.82	54.00	-15.18	AVG			

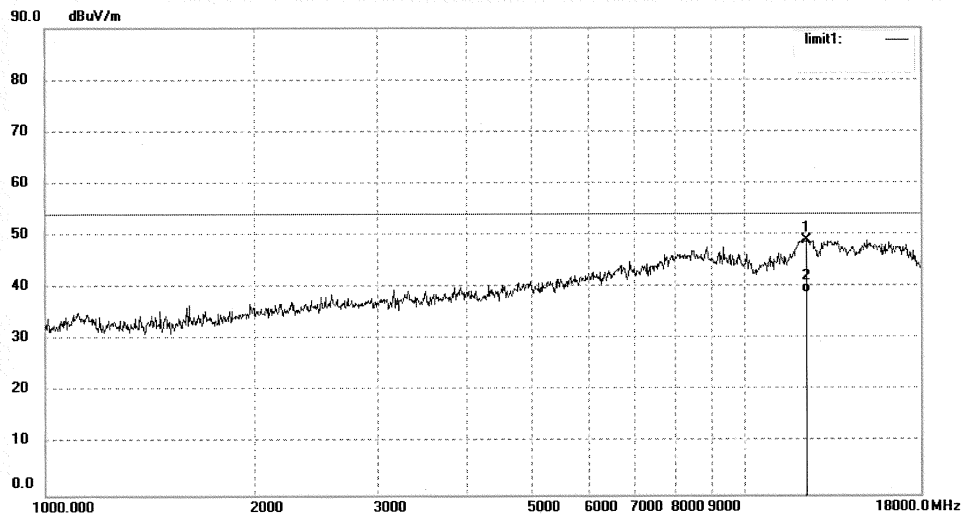

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 Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: PHY #48	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 15:51:45
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	12293.417	10.67	38.19	48.86	54.00	-5.14	peak			
2	12293.417	0.55	38.19	38.74	54.00	-15.26	AVG			


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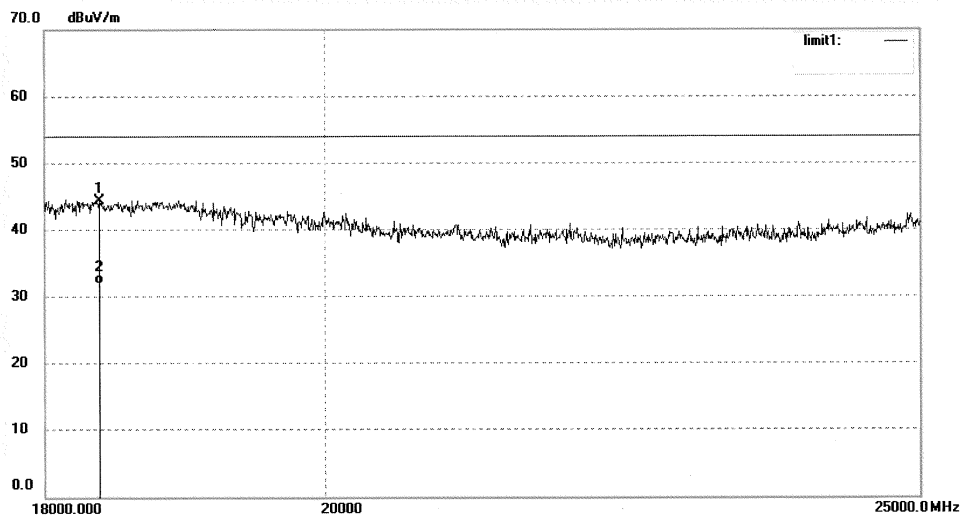
Site: 2# Chamber

Tel:+86-0755-26503290

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Job No.: PHY #31	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:15:46
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18377.167	27.47	16.93	44.40	54.00	-9.60	peak			
2	18377.167	15.03	16.93	31.96	54.00	-22.04	AVG			


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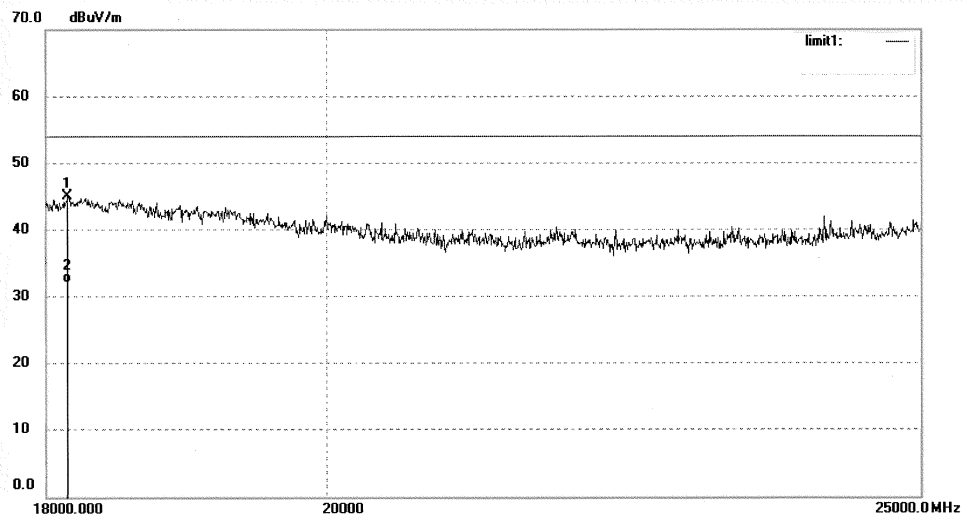
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #32	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:24:26
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2402MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18148.734	28.55	16.43	44.98	54.00	-9.02	peak			
2	18148.734	15.68	16.43	32.11	54.00	-21.89	AVG			


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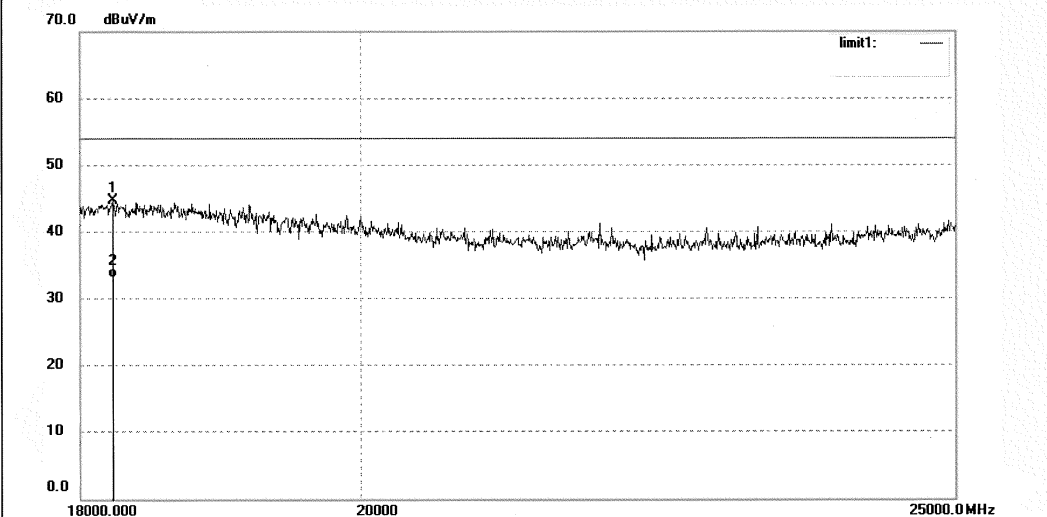
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #34	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:43:50
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18226.561	28.07	16.60	44.67	54.00	-9.33	peak			
2	18226.561	16.58	16.60	33.18	54.00	-20.82	AVG			


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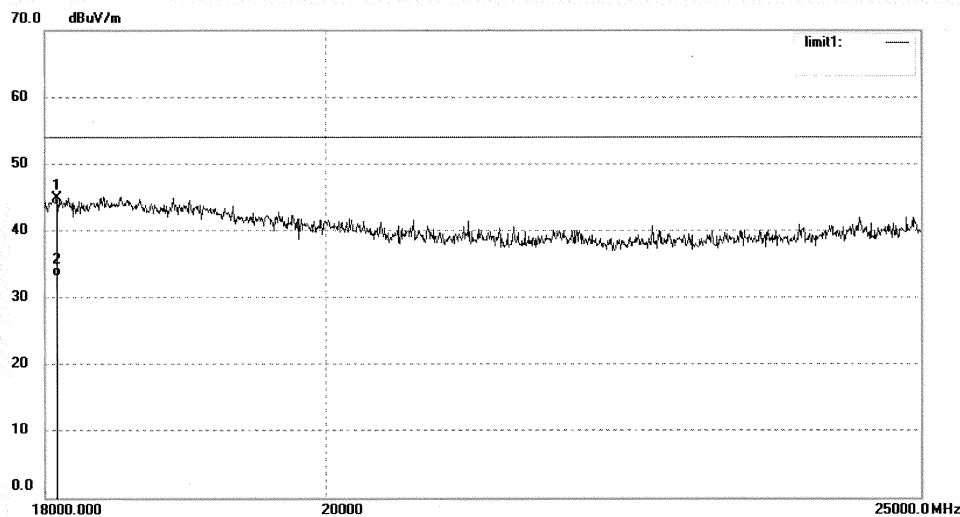
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #33	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:34:59
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2441MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18083.140	28.62	16.28	44.90	54.00	-9.10	peak			
2	18083.140	16.95	16.28	33.23	54.00	-20.77	AVG			


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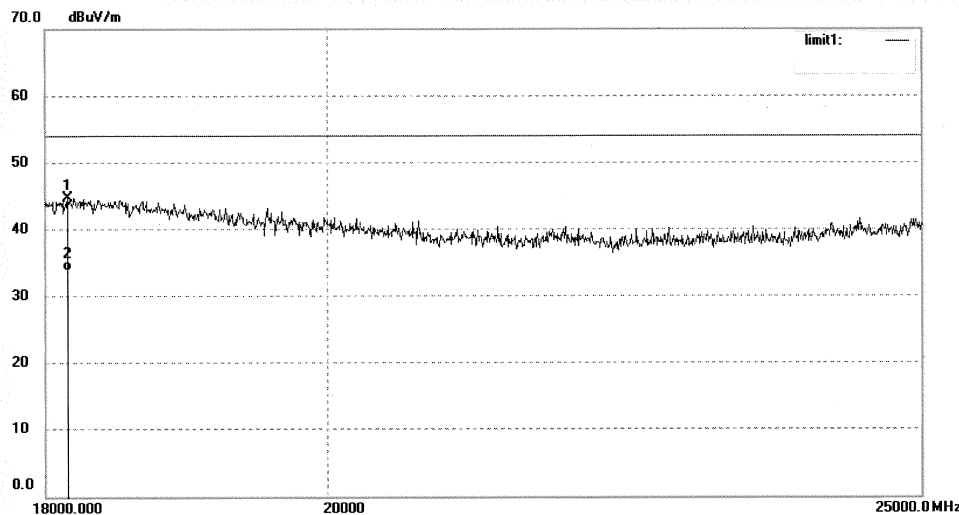
Site: 2# Chamber

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Job No.: PHY #35	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 13:53:53
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18154.709	28.28	16.44	44.72	54.00	-9.28	peak			
2	18154.709	17.36	16.44	33.80	54.00	-20.20	AVG			


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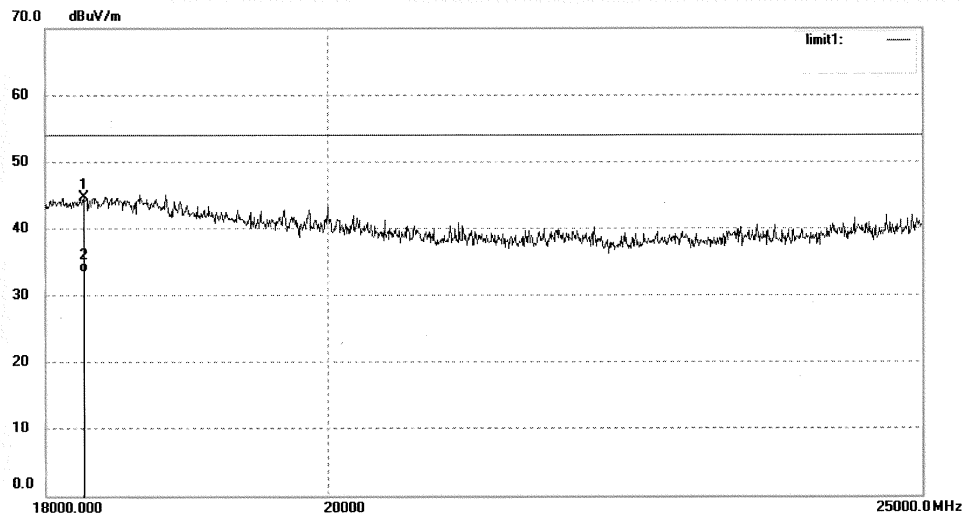
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #36	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 14:02:31
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: RX 2480MHz	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	18262.594	28.09	16.68	44.77	54.00	-9.23	peak			
2	18262.594	16.75	16.68	33.43	54.00	-20.57	AVG			

5.1.6 Frequency Separation

RESULT:**Pass**

Date of testing : 2013-09-09
Test standard : FCC part 15.247(a)(1)
RSS-210 A8.1(b)
Basic standard : ANSI C63.4: 2009
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.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	$\geq 25\text{kHz}$ or two-thirds of 20dB bandwidth	Pass
Adjacency Channel	2403			
Mid Channel	2441	1.002	$\geq 25\text{kHz}$ 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			

Prüfbericht - Nr.: 17035527 001
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5.1.7 Number of hopping frequency

RESULT:**Pass**

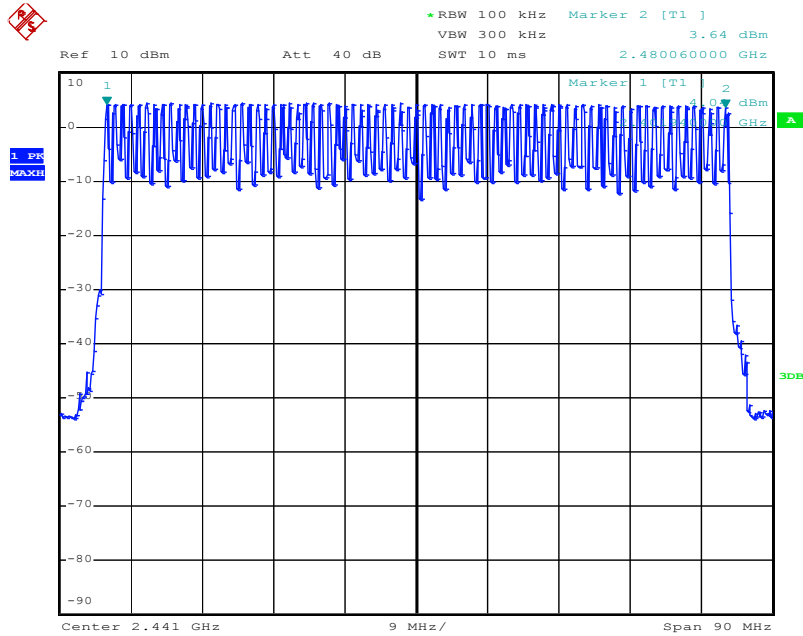
Date of testing : 2013-09-09
Test standard : FCC part 15.247(a)(1)(iii)
RSS-210 A8.1(d)
Basic standard : ANSI C63.4: 2009
Limits : ≥ 15 non-overlapping channels
Kind of test site : Shield room

Test setup

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

Table 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: 9.SEP.2013 11:12:19

5.1.9 Conducted emissions

RESULT:**Pass**

Date of testing : 2013-09-11
Test standard : FCC Part 15.107 (a)
ICES-003 Issue 5 February 2012
Basic standard : ANSI C63.4: 2009
Frequency range : 0.15 – 30MHz
Limits : FCC Part 15.107(a)
ICES-003 Issue 5 February 2012
Kind of test site : Shield room

Test setup

Input Voltage : AC 120V, 60Hz
Operation Mode : B
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

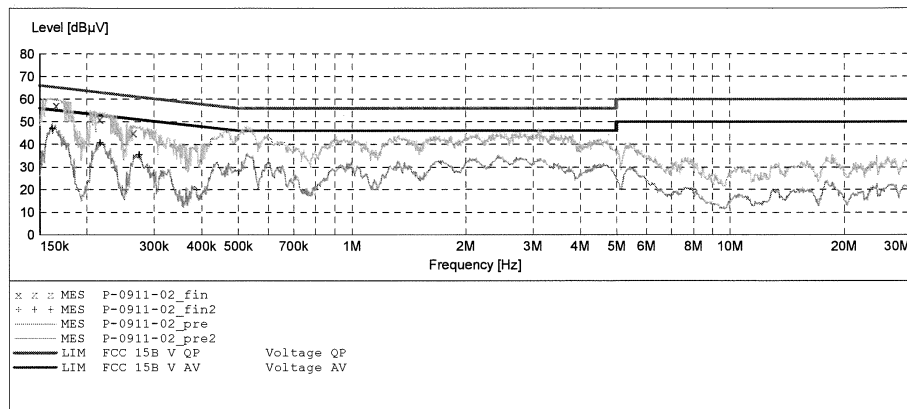
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Speaker M/N:MD-SPBT01
 Manufacturer: Compupal (Group) Corporation
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: L 120V/60Hz
 Comment:
 Start of Test: 9/11/2013 / 11:52:27AM

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

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						



MEASUREMENT RESULT: "P-0911-02_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.165743	57.10	11.6	65	8.1	QP	L1	GND
0.216567	51.20	11.8	63	11.7	QP	L1	GND
0.265468	45.20	12.0	61	16.1	QP	L1	GND

MEASUREMENT RESULT: "P-0911-02_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.161820	46.90	11.5	55	8.5	AV	L1	GND
0.216567	40.60	11.8	53	12.3	AV	L1	GND
0.274083	35.40	12.0	51	15.6	AV	L1	GND

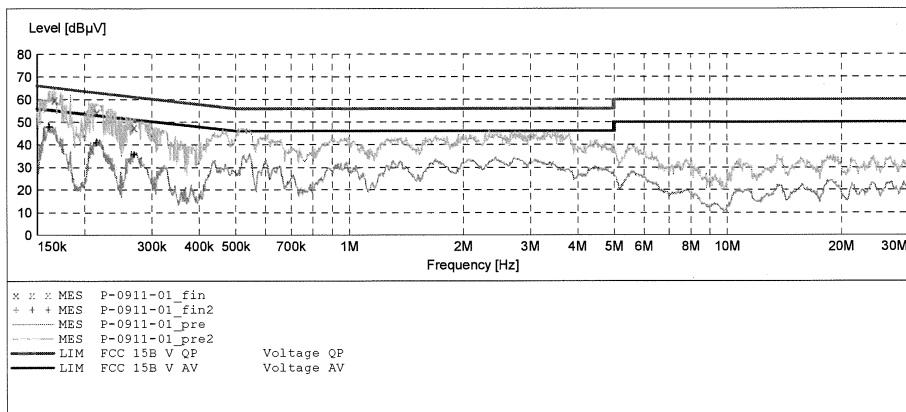
ACCURATE TECHNOLOGY CO., LTD
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Speaker M/N:MD-SPBT01
 Manufacturer: Compupal (Group) Corporation
 Operating Condition: Charging
 Test Site: 1#Shielding Room
 Operator: PEI
 Test Specification: N 120V/60Hz
 Comment:
 Start of Test: 9/11/2013 / 11:47:23AM

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

Short Description: _SUB_STD_VTERM2 1.70

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	4.5 kHz	QuasiPeak	1.0 s	9 kHz	NSLK8126 2008
Average						


MEASUREMENT RESULT: "P-0911-01_fin"

9/11/2013 11:51AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.167071	60.00	11.6	65	5.1	QP	N	GND
0.214845	54.60	11.8	63	8.4	QP	N	GND
0.269741	47.80	12.0	61	13.3	QP	N	GND

MEASUREMENT RESULT: "P-0911-01_fin2"

9/11/2013 11:51AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.161175	47.90	11.5	55	7.5	AV	N	GND
0.214845	40.90	11.8	53	12.1	AV	N	GND
0.269741	35.60	12.0	51	15.5	AV	N	GND

5.1.10 Radiated emissions**RESULT:****Pass**

Date of testing : 2013-09-10
Test standard : FCC Part 15.109
ICES-003 Issue 5 February 2012
Basic standard : ANSI C63.4: 2009
Frequency range : 30 – 6000MHz *
Limits : FCC Part 15.109(a)
ICES-003 Issue 5 February 2012
Kind of test site : 3m Semi-Anechoic Chamber

Test Setup

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

*- The EUT's highest frequency generated and used 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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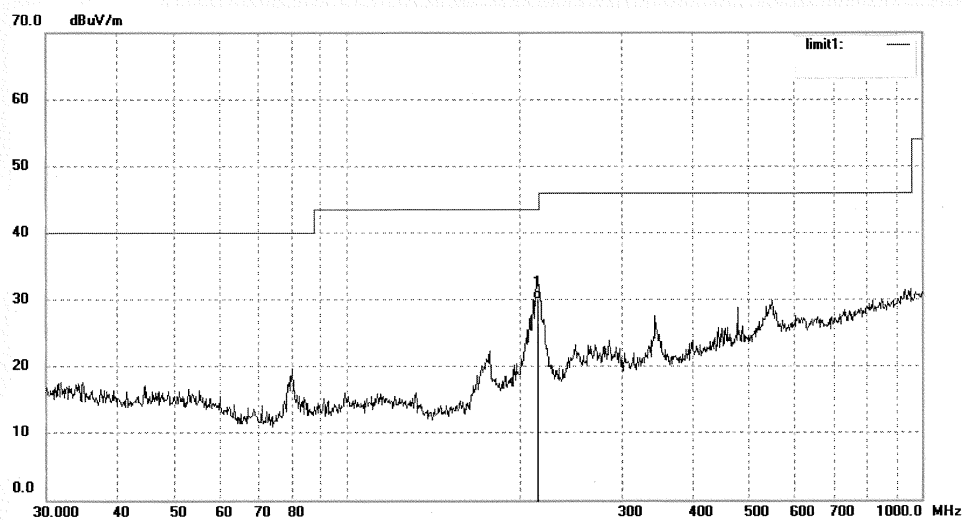
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #1	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 8:21:22
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	214.4837	41.93	-11.91	30.02	43.50	-13.48	QP			


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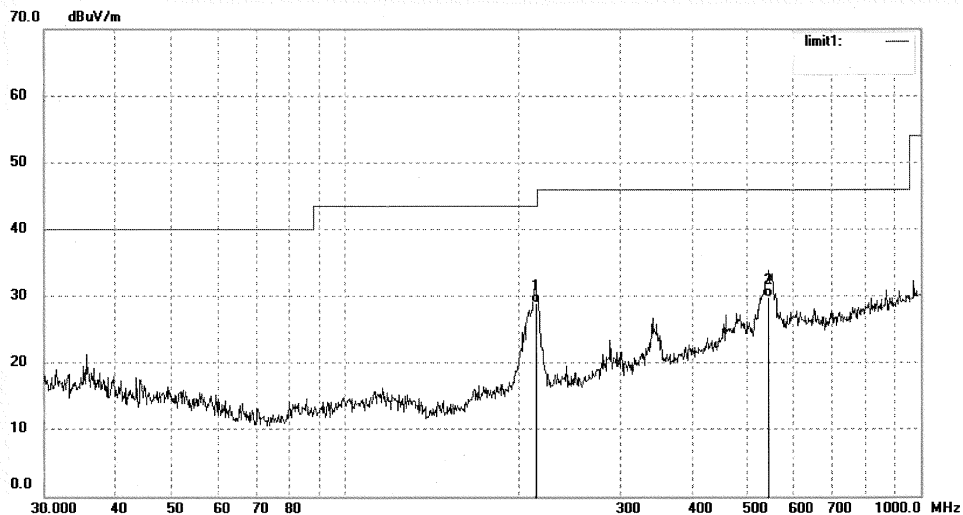
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #2	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 8:29:41
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	214.6820	40.85	-11.90	28.95	43.50	-14.55	QP			
2	546.0218	33.51	-3.73	29.78	46.00	-16.22	QP			


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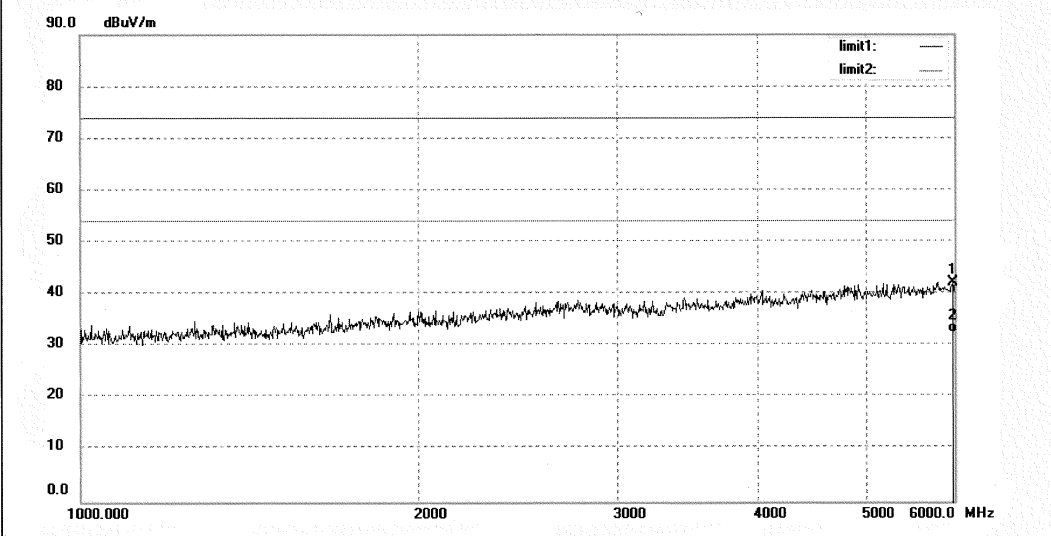
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #7	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 9:13:36
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5978.408	40.01	2.23	42.24	74.00	-31.76	peak			
2	5978.408	30.25	2.23	32.48	54.00	-21.52	AVG			


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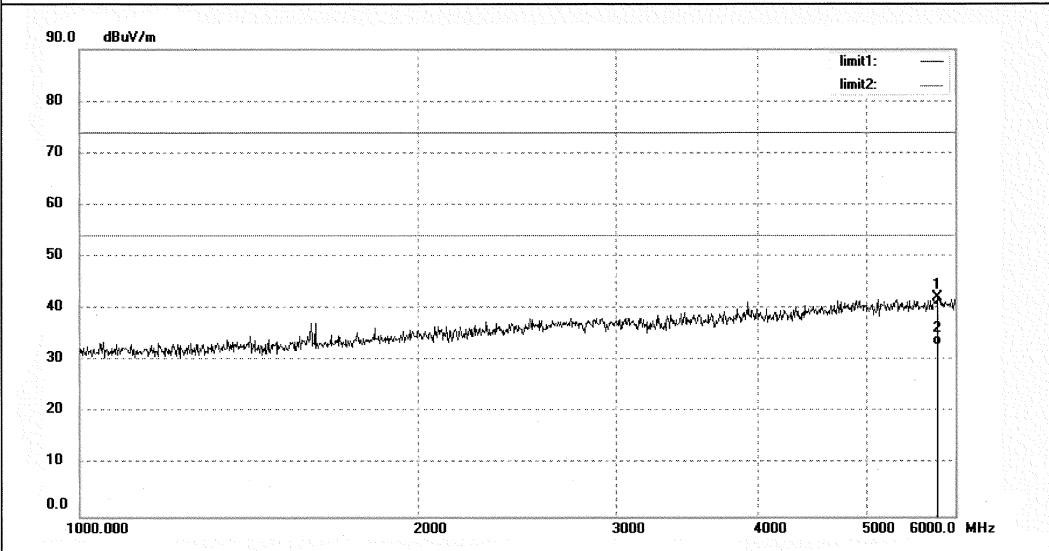
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #8	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 9:21:45
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Aux in	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5777.121	40.47	1.78	42.25	74.00	-31.75	peak			
2	5777.121	31.08	1.78	32.86	54.00	-21.14	AVG			


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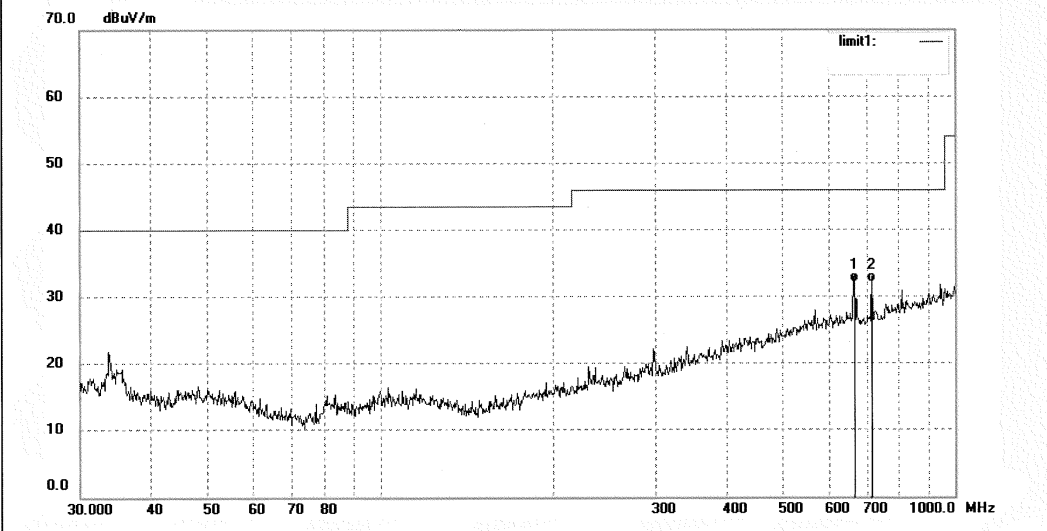
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #4	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 8:47:19
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	667.9190	34.26	-2.16	32.10	46.00	-13.90	QP			
2	719.9920	33.55	-1.49	32.06	46.00	-13.94	QP			


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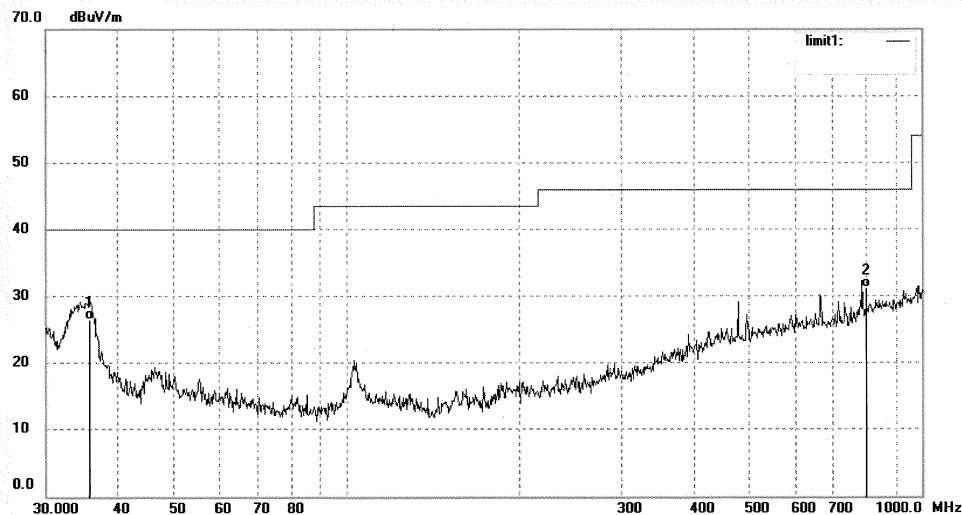
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #3	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 8:38:39
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	35.7617	37.17	-10.60	26.57	40.00	-13.43	QP			
2	799.8972	31.23	0.04	31.27	46.00	-14.73	QP			


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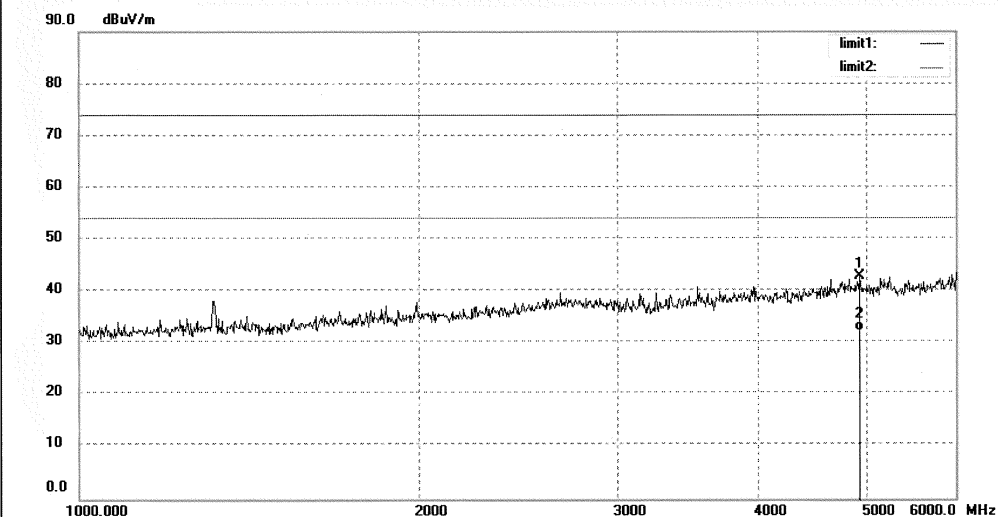
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #6	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 9:04:01
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	4929.703	42.51	0.38	42.89	74.00	-31.11	peak			
2	4929.703	31.85	0.38	32.23	54.00	-21.77	AVG			


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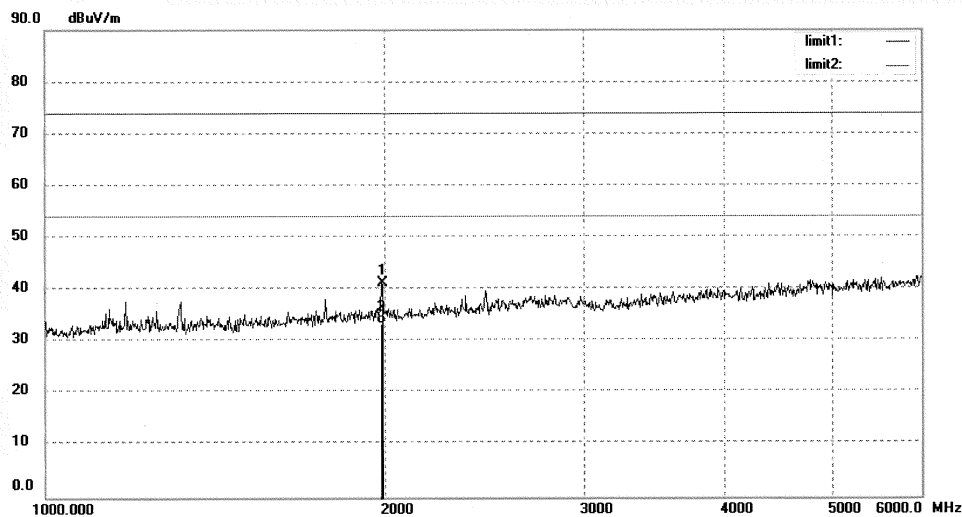
Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: PHY #5	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2013-9-10
Temp.(C)/Hum.(%) 23 C / 48 %	Time: 8:59:01
EUT: Bluetooth Speaker	Engineer Signature: PEI
Mode: Charging	Distance: 3m
Model: MD-SPBT01	
Manufacturer: Compupal (Group) Corporation	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1996.991	50.30	-9.02	41.28	74.00	-32.72	peak			
2	1996.991	42.52	-9.02	33.50	54.00	-20.50	AVG			

6. Safety Human exposure

6.1 Radio Frequency Exposure Compliance

6.1.1 Electromagnetic Fields

RESULT:**Pass**

Test standard : RSS-102 Issue 4 March 2010
FCC KDB Publication 447498 v05r01

The maximum peak output power of the transmitter is 2.59mW (4.14dBm) only, which less than 20mW. Hence the EUT is exempted from routine evaluation limits (SAR Evaluation) according to clause 2.5.1 of RSS-102 Issue 4.

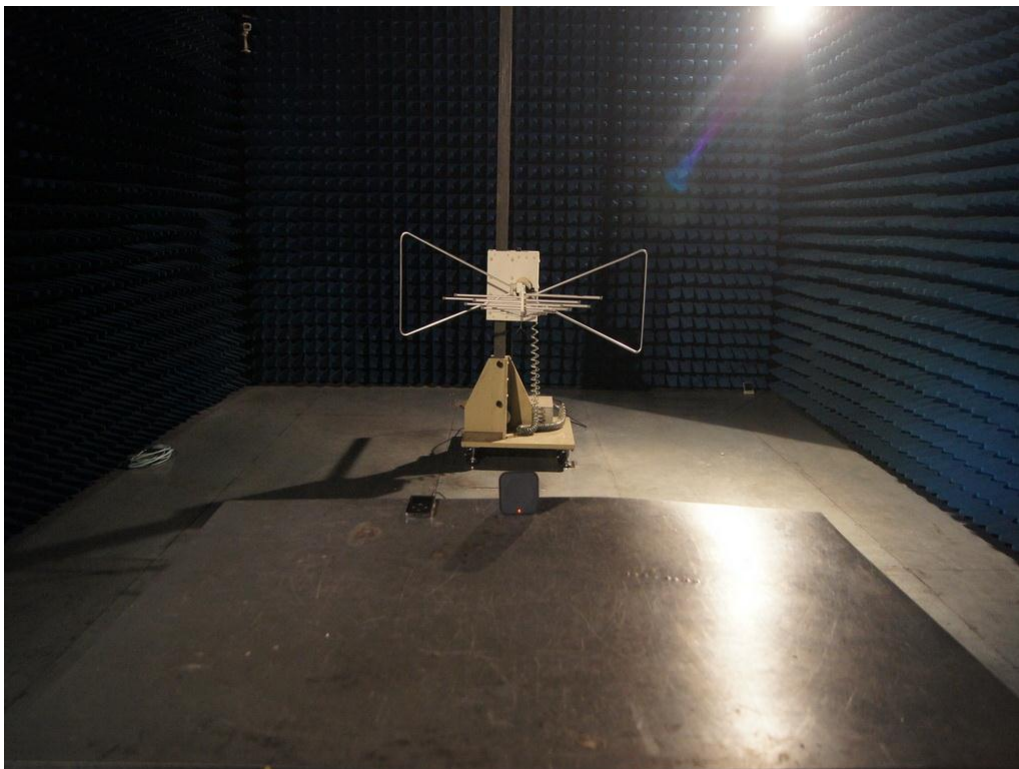
Since maximum peak output power of the transmitter is 2.58mW<96mW, and the distance from EUT to human is >50mm, hence the EUT is excluded from SAR evaluation according to FCC KDB publication 447498 D01: Mobile Portable RF Exposure v05r01.

7. Photographs of the Test Set-Up

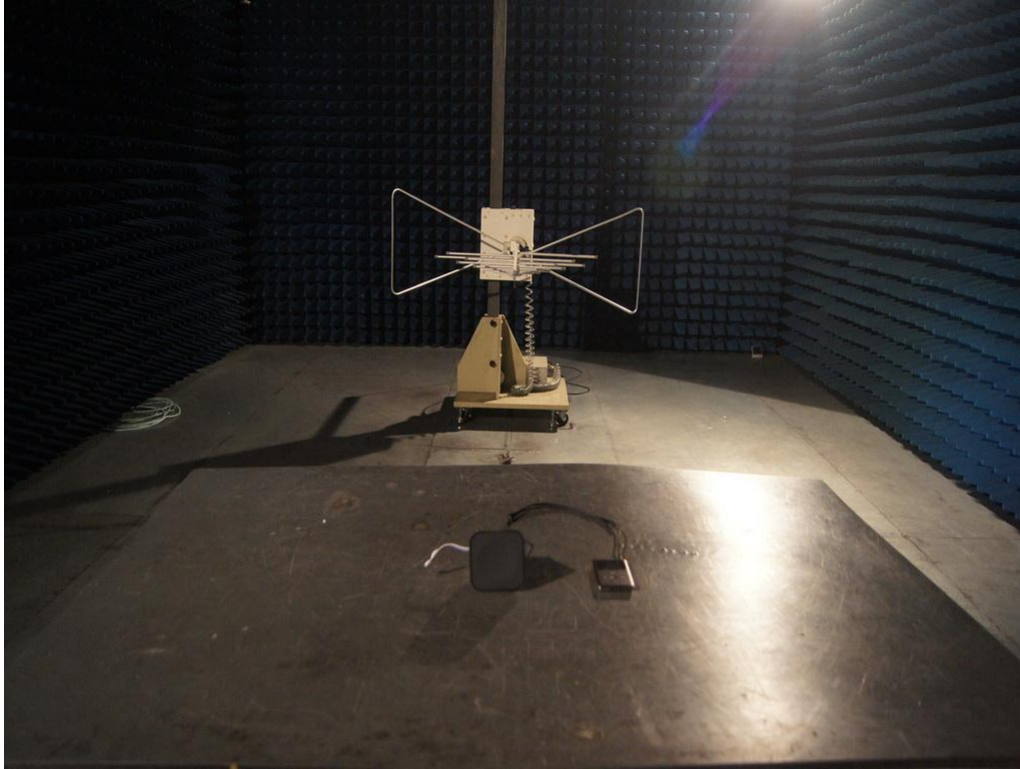
Photograph 1: Set-up for Conducted Emissions



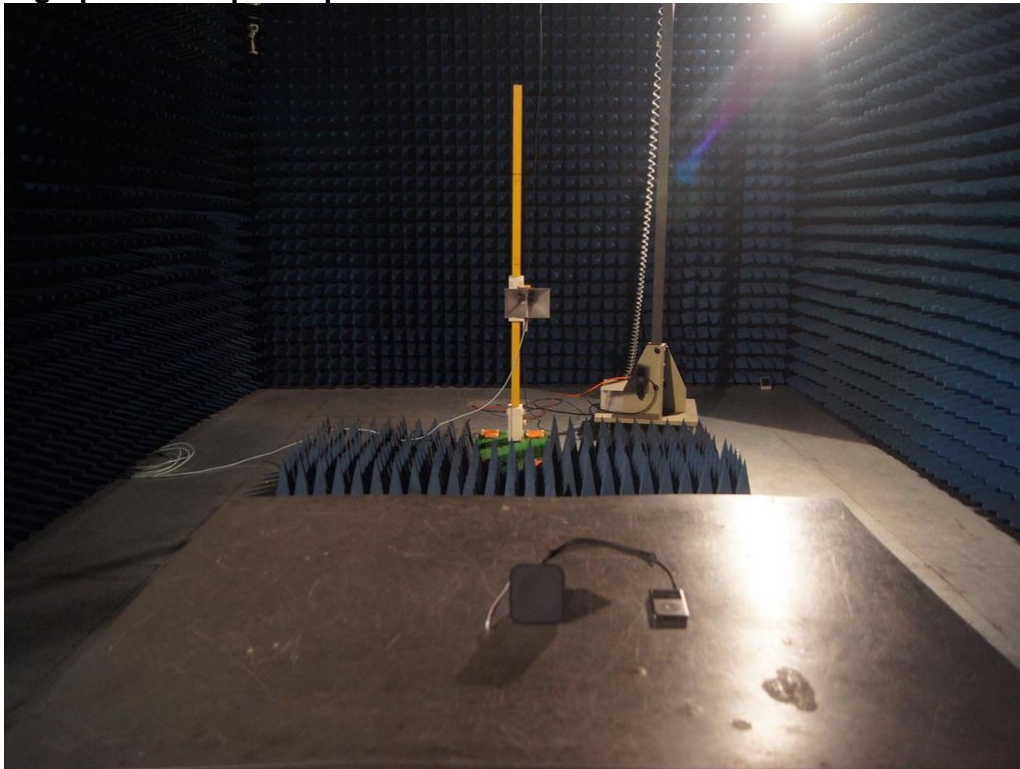
Photograph 2: Set-up for Radiated Emissions



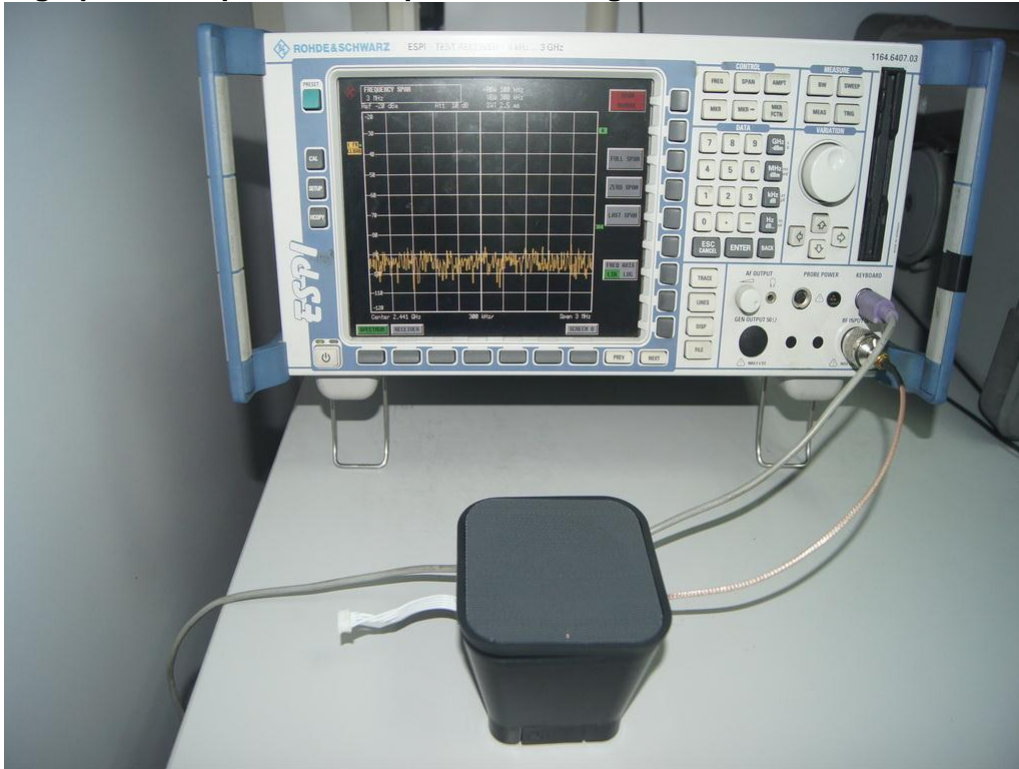
Photograph 3: Set-up for Spurious Emissions below 1GHz



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



Photograph 5: Setup for Radio Spectrum testing



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