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Figure 1: Test figure of spurious emissions, mode A.1, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
Manufacturer: Musical
Operating Condition: TX 2402MHz
Test Site: 1#Shielding Room
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: X
Start of Test: 2015-02-07 /

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

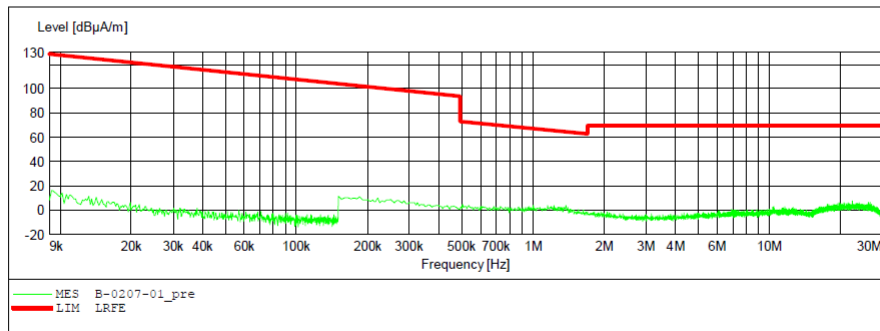


Figure 2: Test figure of spurious emissions, mode A.1, Vertical polarity (9kHz – 30MHz)

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FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
Manufacturer: Musical
Operating Condition: TX 2402MHz
Test Site: 1#Shielding Room
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: Y
Start of Test: 2015-02-07 /

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

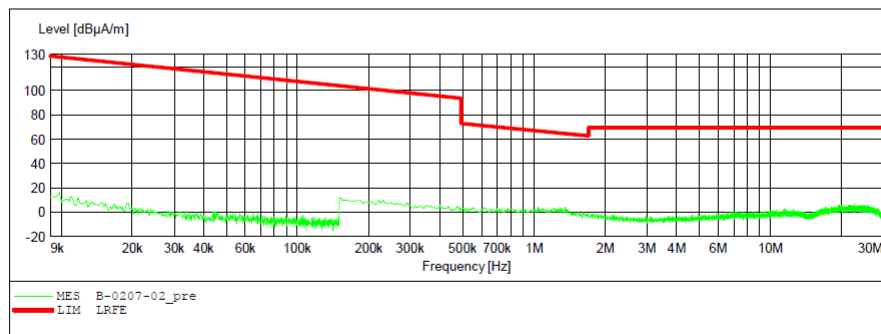


Figure 3: Test figure of spurious emissions, mode A.1, Horizontal polarity (30MHz – 1GHz)

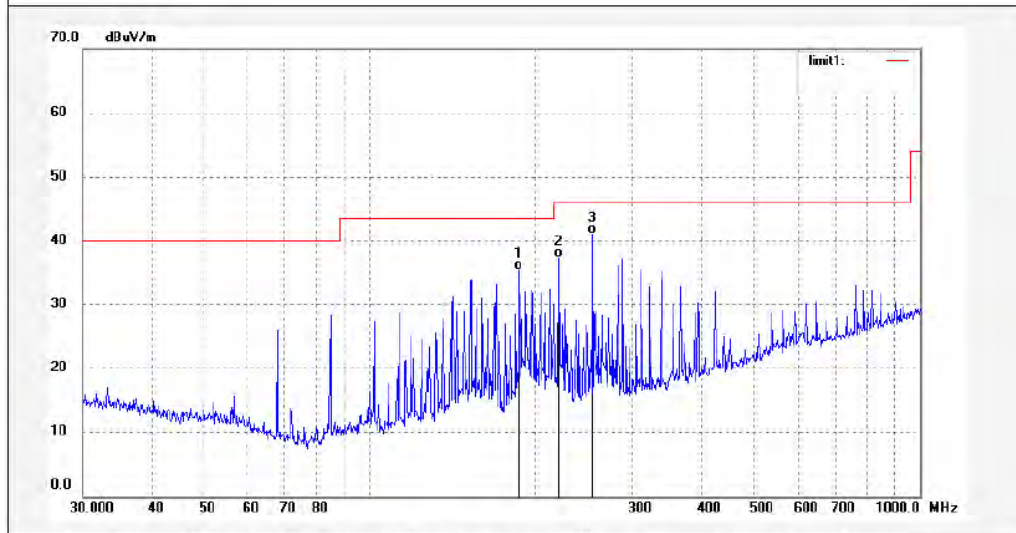


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Site: 2# Chamber
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Job No.: Ian2015 #316	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	186.4408	48.09	-12.69	35.40	43.50	-8.10	QP			
2	220.6170	49.06	-11.68	37.38	46.00	-8.62	QP			
3	253.8367	51.78	-10.76	41.02	46.00	-4.98	QP			

Figure 4: Test figure of spurious emissions, mode A.1, Vertical polarity (30MHz – 1GHz)

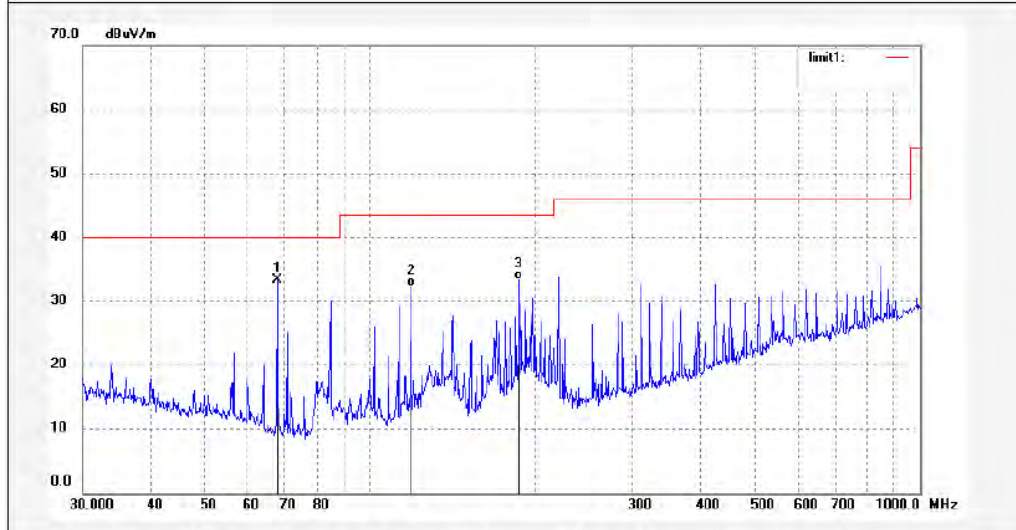


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Job No.: Ian2015 #317	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	67.6751	49.28	-15.93	33.35	40.00	-6.65	peak			
2	118.6013	45.42	-13.14	32.28	43.50	-11.22	AVG			
3	186.4408	46.05	-12.69	33.36	43.50	-10.14	QP			

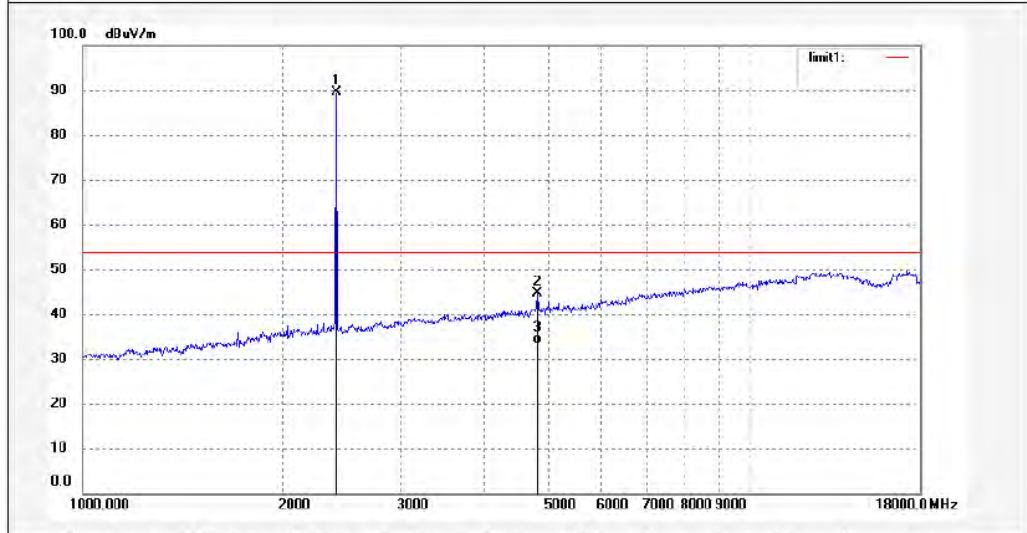
Figure 5: Test figure of spurious emissions, mode A.1, Horizontal polarity (1GHz –18GHz)



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Site: 2# Chamber
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Job No.: Ian2015 #284	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/01/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	
Note: Bluetooth 3.0	



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	97.09	-7.45	89.64	/	/	peak			
2	4804.010	44.81	-0.30	44.51	74.00	-29.49	peak			
3	4804.010	33.65	-0.30	33.35	54.00	-20.65	AVG			

Figure 6: Test figure of spurious emissions, mode A.1, Vertical polarity (1GHz – 18GHz)

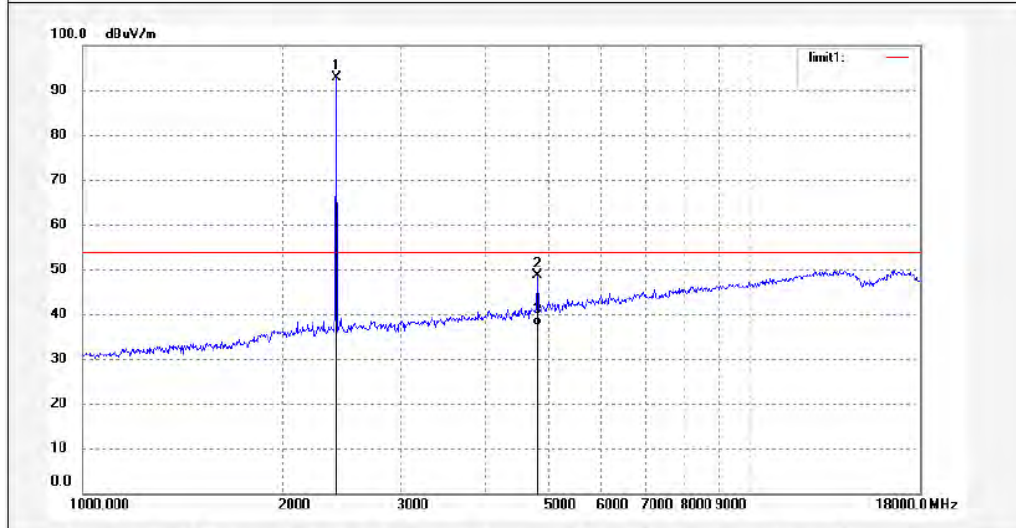


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Site: 2# Chamber
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Job No.: Ian2015 #285	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/01/31/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.753	100.46	-7.46	93.00	/	/	peak			
2	4804.023	48.97	-0.30	48.67	74.00	-25.33	peak			
3	4804.023	37.59	-0.30	37.29	54.00	-16.71	AVG			

Figure 7: Test figure of spurious emissions, mode A.1, Horizontal polarity (18GHz –25GHz)

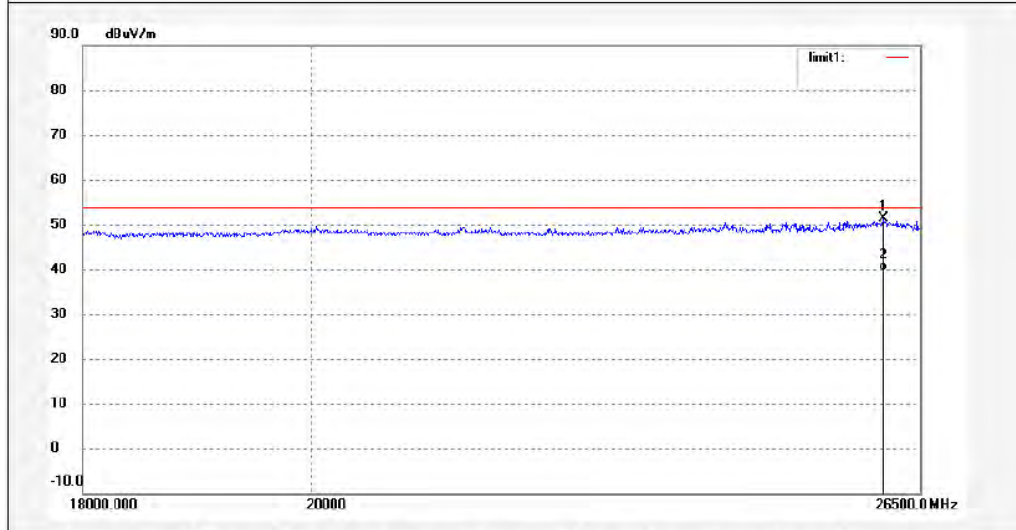


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Site: 2# Chamber
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Job No.: Ian2015 #304	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26062.917	34.93	16.50	51.43	74.00	-22.57	peak			
2	26062.917	23.05	16.50	39.55	54.00	-14.45	AVG			

Figure 8: Test figure of spurious emissions, mode A.1, Vertical polarity (18GHz – 25GHz)

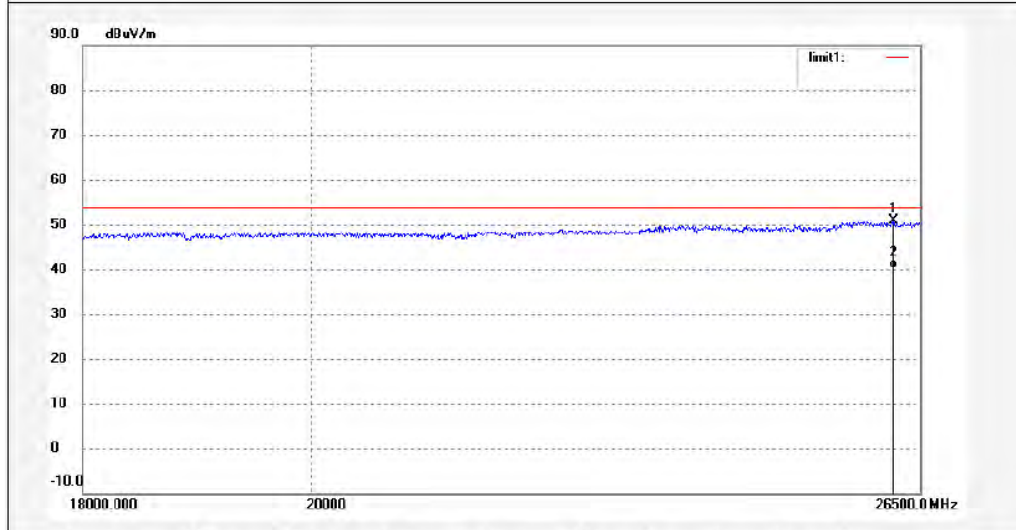


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Site: 2# Chamber
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Job No.: Ian2015 #305	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26184.163	34.41	16.50	50.91	74.00	-23.09	peak			
2	26184.163	23.65	16.50	40.15	54.00	-13.85	AVG			

Figure 9: Test figure of spurious emissions, mode A.2, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2441MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-02-07 /

SCAN TABLE: "LFRE Fin"

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

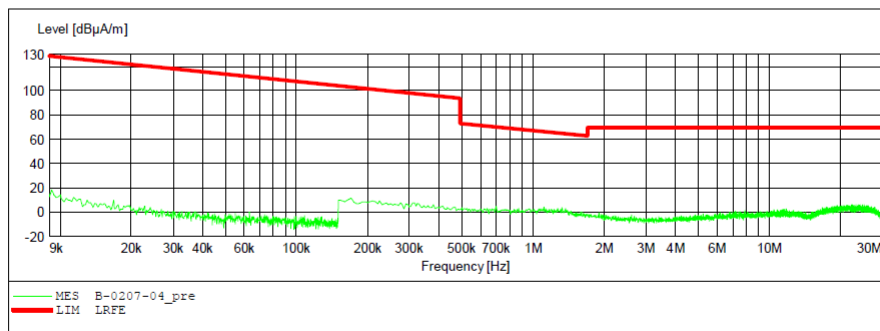


Figure 10: Test figure of spurious emissions, mode A.2, Vertical polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
Manufacturer: Musical
Operating Condition: TX 2441MHz
Test Site: 1#Shielding Room
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: Y
Start of Test: 2015-02-07 /

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

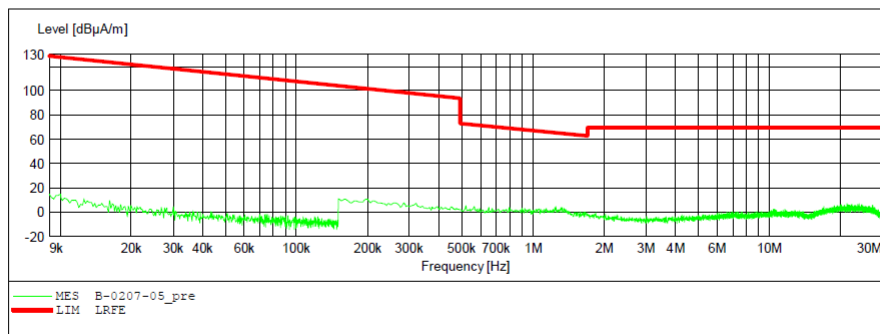

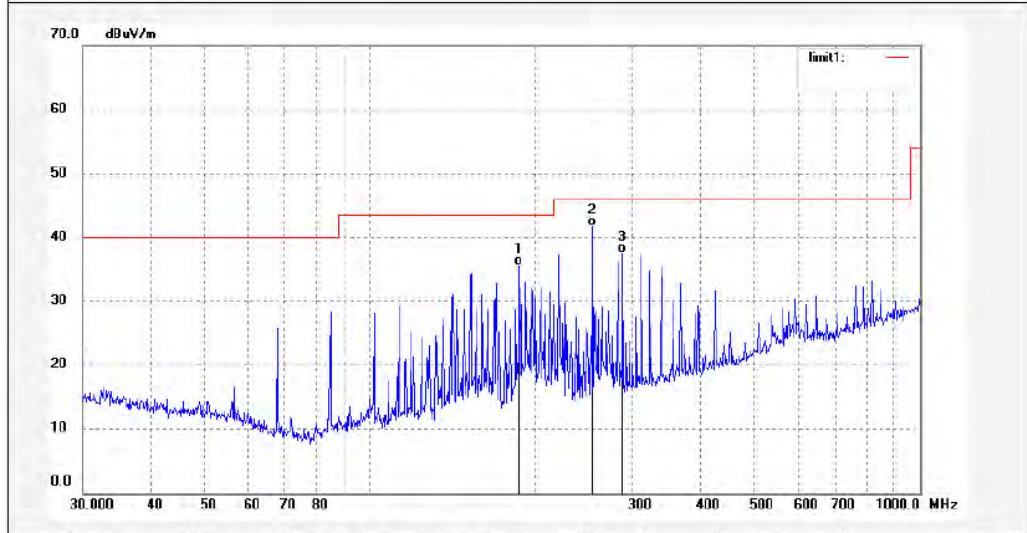


Figure 11: Test figure of spurious emissions, mode A.2, Horizontal polarity (30MHz – 1GHz)

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Job No.:	Ian2015 #319	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/02/08
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Bluetooth Boombox Black	Engineer Signature:	
Mode:	TX 2441MHz	Distance:	3m
Model:	NS-CBBTCD01-B		
Manufacturer:	Musical		
Note:	Bluetooth 3.0		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	186.4408	48.25	-12.69	35.56	43.50	-7.94	QP			
2	253.8367	52.44	-10.76	41.68	46.00	-4.32	QP			
3	287.9904	47.07	-9.61	37.46	46.00	-8.54	QP			

Figure 12: Test figure of spurious emissions, mode A.2, Vertical polarity (30MHz – 1GHz)

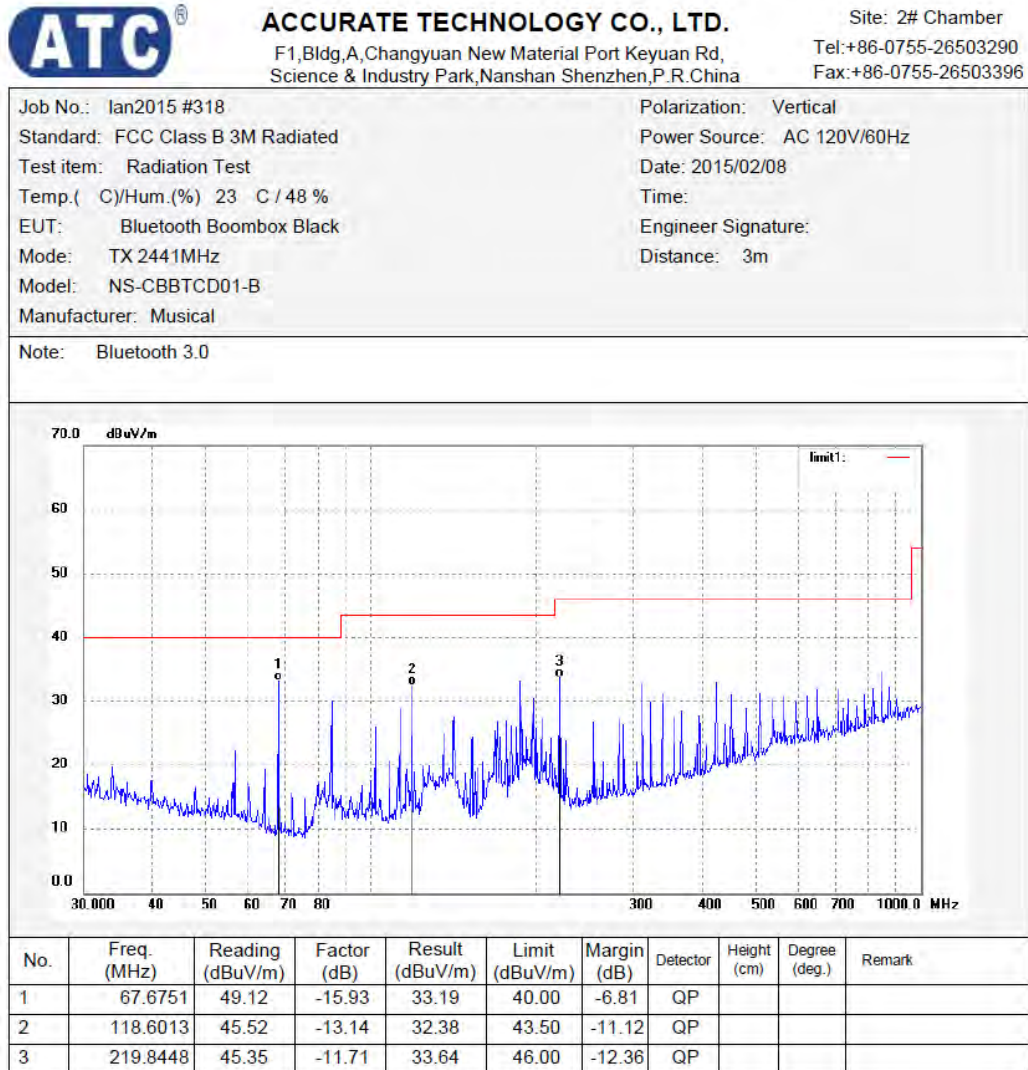


Figure 13: Test figure of spurious emissions, mode A.2, Horizontal polarity (1GHz – 18GHz)

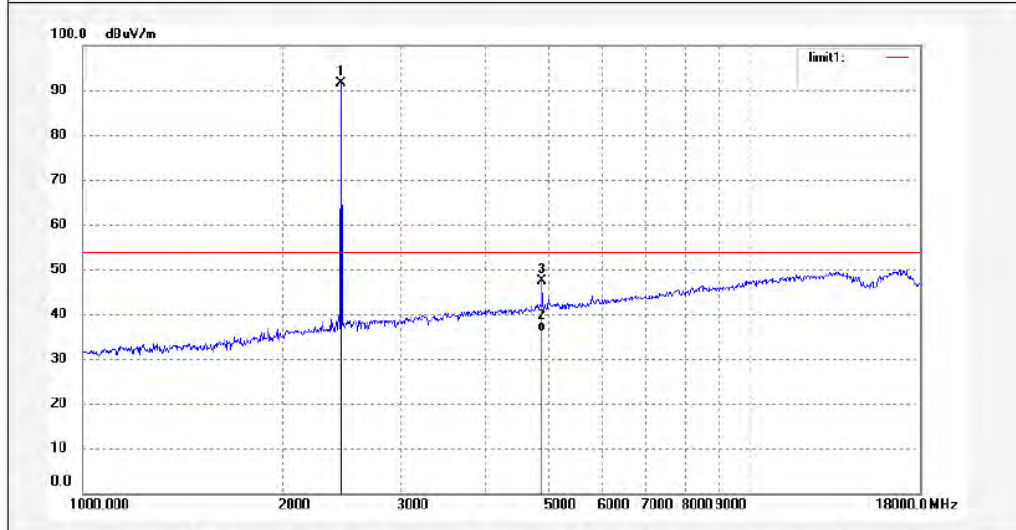


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Site: 2# Chamber
 Tel:+86-0755-26503290
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Job No.: Ian2015 #288	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/01/31
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2441.000	98.97	-7.35	91.62	/	/	peak			
2	4882.015	36.07	0.14	36.21	54.00	-17.79	AVG			
3	4882.015	47.22	0.14	47.36	74.00	-26.64	peak			

Figure 14: Test figure of spurious emissions, mode A.2, Vertical polarity (1GHz – 18GHz)

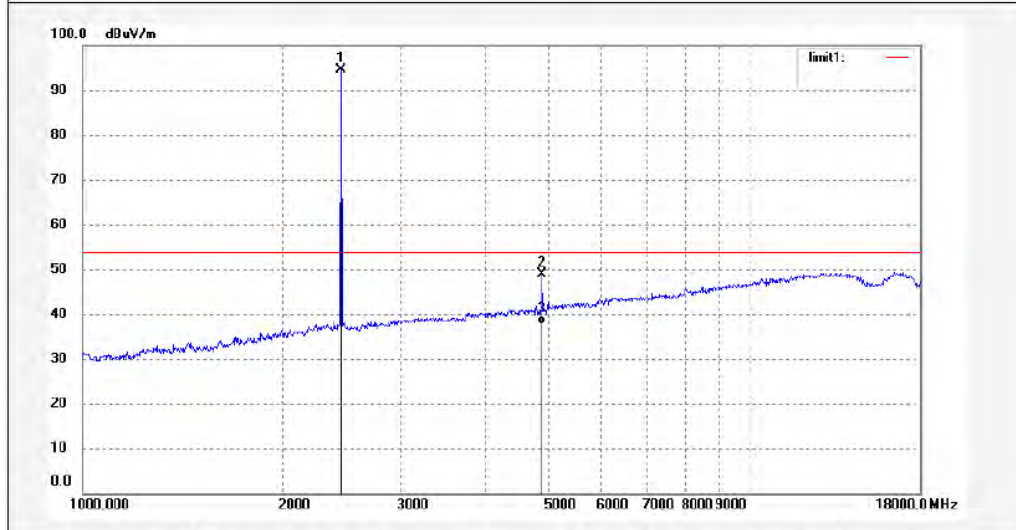


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Site: 2# Chamber
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Job No.: Ian2015 #289	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/01/31
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



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	101.88	-7.35	94.53	/	/	peak			
2	4882.023	48.73	0.14	48.87	74.00	-25.13	peak			
3	4882.023	37.54	0.14	37.68	54.00	-16.32	AVG			

Figure 15: Test figure of spurious emissions, mode A.2, Horizontal polarity (18GHz – 25GHz)

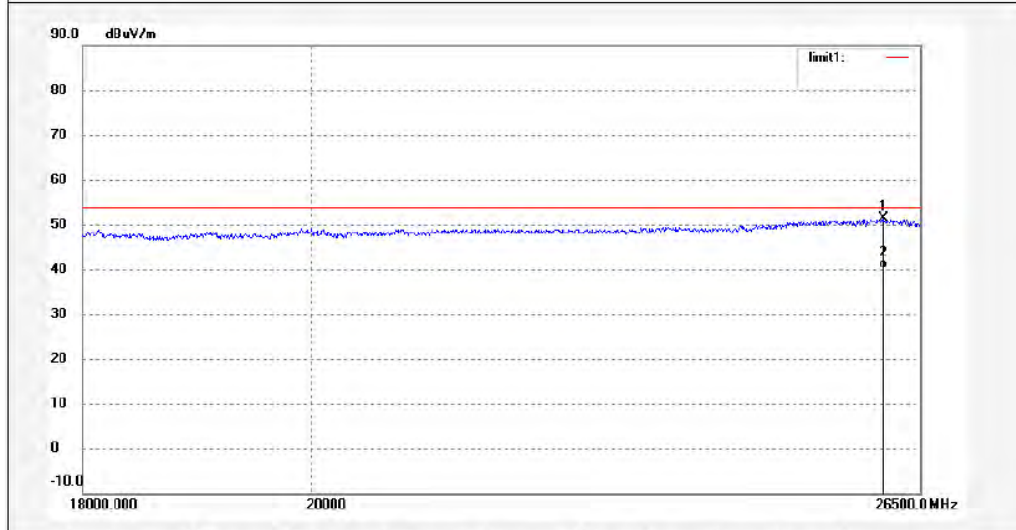


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #307	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26052.838	34.88	16.50	51.38	74.00	-22.62	peak			
2	26052.838	23.57	16.50	40.07	54.00	-13.93	AVG			

Figure 16: Test figure of spurious emissions, mode A.2, Vertical polarity (18GHz – 25GHz)

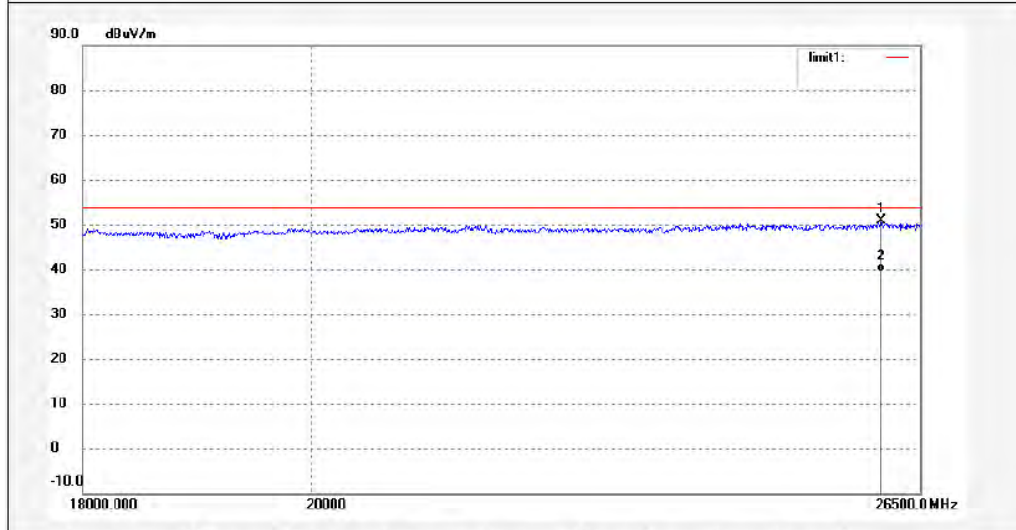


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #306	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2441MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26032.693	34.38	16.50	50.88	74.00	-23.12	peak			
2	26032.693	22.96	16.50	39.46	54.00	-14.54	AVG			

Figure 17: Test figure of spurious emissions, mode A.3, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO., LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-02-07 /

SCAN TABLE: "LFRE Fin"

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

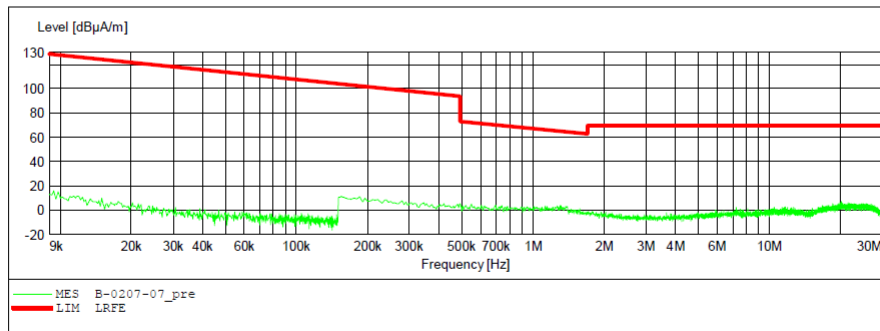


Figure 18: Test figure of spurious emissions, mode A.3, Vertical polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-02-07 /

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

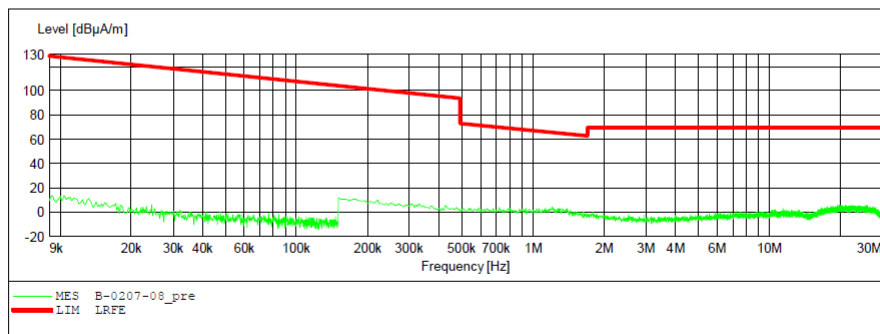


Figure 19: Test figure of spurious emissions, mode A.3, Horizontal polarity (30MHz – 1GHz)

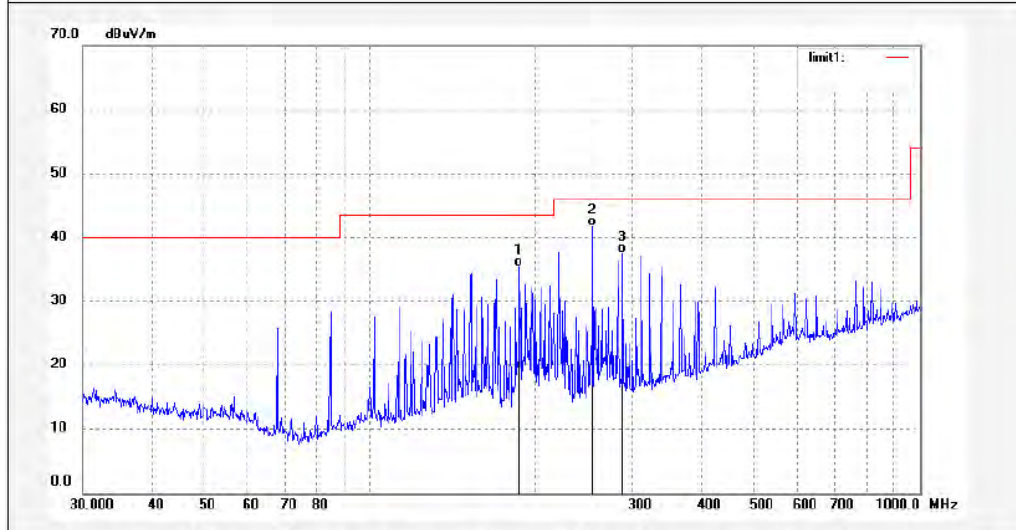


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Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ian2015 #320	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	186.4408	48.17	-12.69	35.48	43.50	-8.02	QP			
2	253.8367	52.54	-10.76	41.78	46.00	-4.22	QP			
3	287.9904	47.17	-9.61	37.56	46.00	-8.44	QP			

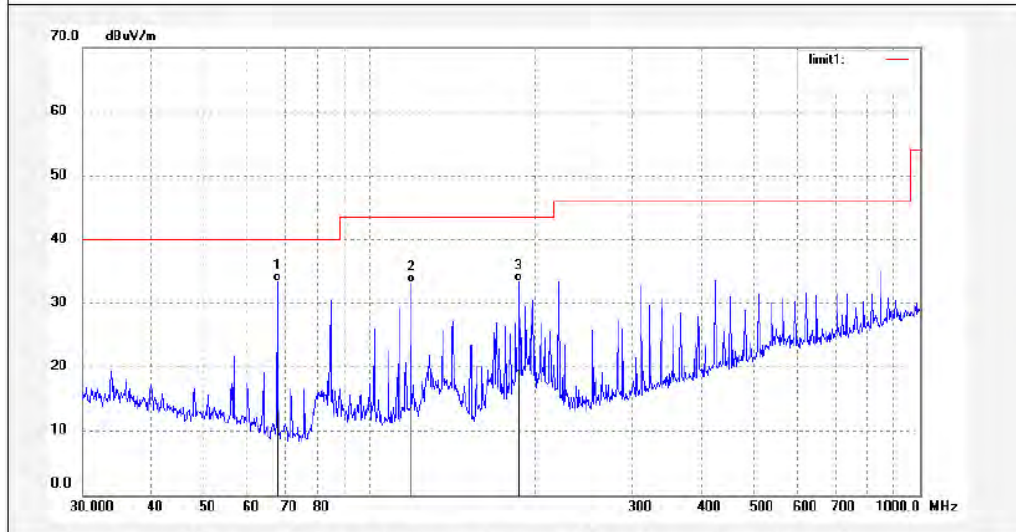
Figure 20: Test figure of spurious emissions, mode A.3, Vertical polarity (30MHz – 1GHz)



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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.: Ian2015 #321	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	
Note: Bluetooth 3.0	



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	67.6751	49.30	-15.93	33.37	40.00	-6.63	QP			
2	118.6013	46.32	-13.14	33.18	43.50	-10.32	QP			
3	186.4408	45.98	-12.69	33.29	43.50	-10.21	QP			

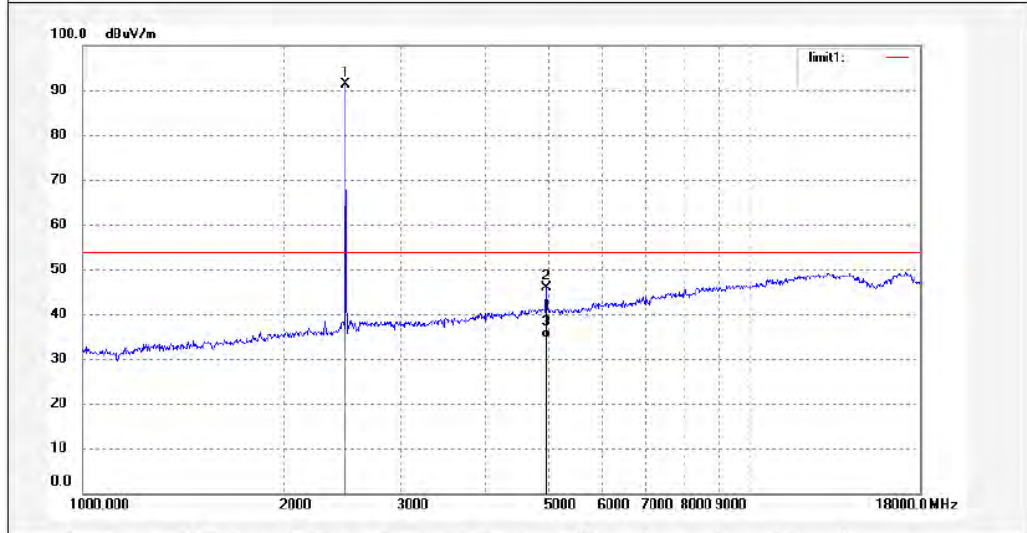
Figure 21: Test figure of spurious emissions, mode A.3, Horizontal polarity (1GHz –18GHz)



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

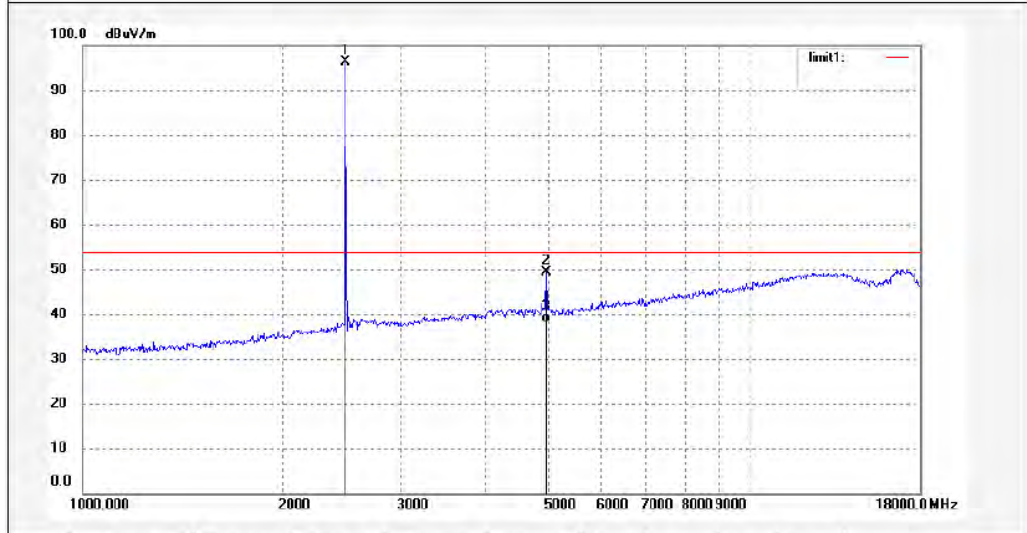
Job No.: Ian2015 #291	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/01/31
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	
Note: Bluetooth 3.0	



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	98.87	-7.37	91.50	/	/	peak			
2	4960.021	45.44	0.52	45.96	74.00	-28.04	peak			
3	4960.021	34.01	0.52	34.53	54.00	-19.47	AVG			

Figure 22: Test figure of spurious emissions, mode A.3, Vertical polarity (1GHz – 18GHz)

		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.:	Ian2015 #290	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/01/31
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Bluetooth Boombox Black	Engineer Signature:	
Mode:	TX 2480MHz	Distance:	3m
Model:	NS-CBBTCD01-B		
Manufacturer:	Musical		
Note:	Bluetooth 3.0		



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	103.67	-7.37	96.30	/	/	peak			
2	4960.017	48.92	0.52	49.44	74.00	-24.56	peak			
3	4960.017	37.64	0.52	38.16	54.00	-15.84	AVG			

Figure 23: Test figure of spurious emissions, mode A.3, Horizontal polarity (18GHz –25GHz)

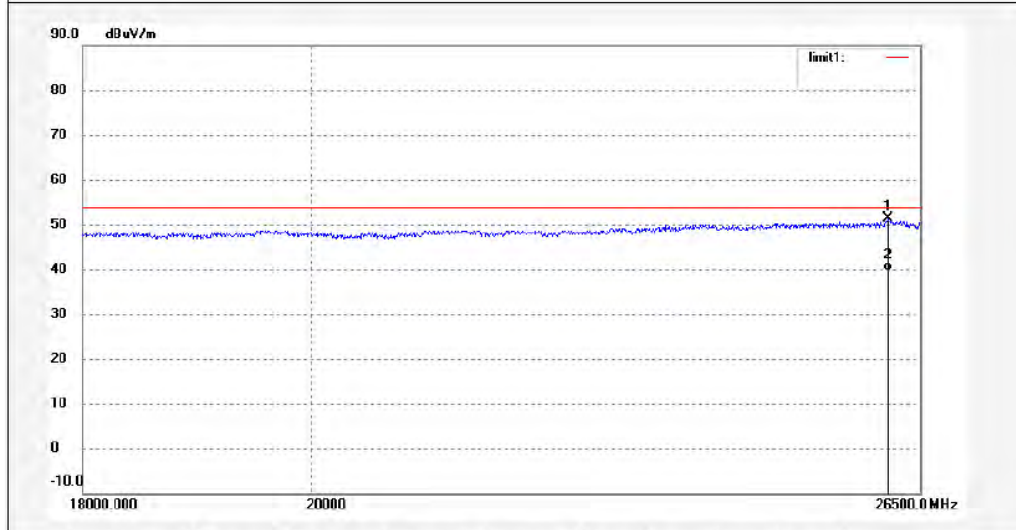


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396


Job No.: Ian2015 #308	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

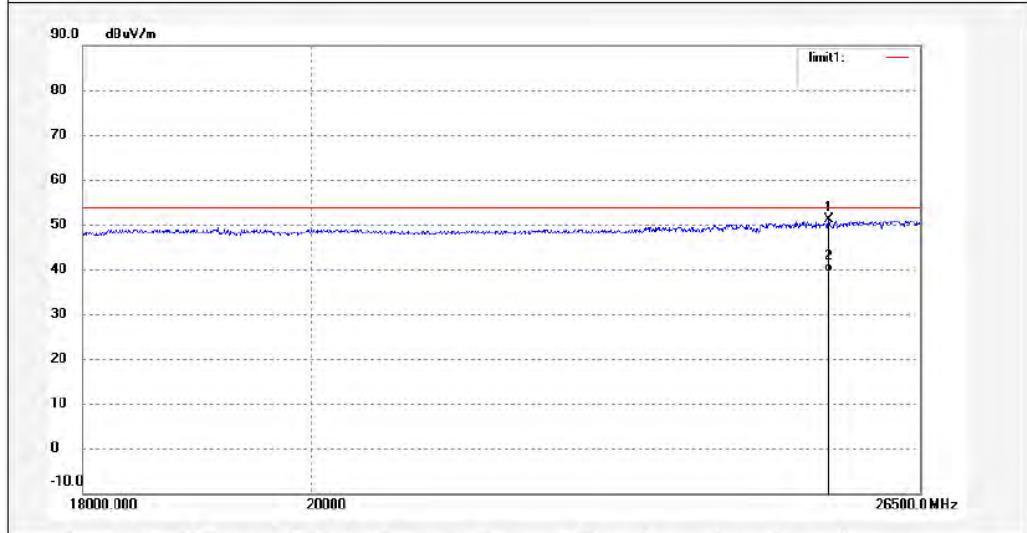
Note: Bluetooth 3.0



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	26113.368	34.89	16.50	51.39	74.00	-22.61	peak			
2	26113.368	23.21	16.50	39.71	54.00	-14.29	AVG			

Figure 24: Test figure of spurious emissions, mode A.3, Vertical polarity (18GHz – 25GHz)

		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.:	Ian2015 #309	Polarization:	Vertical
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/02/08
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Bluetooth Boombox Black	Engineer Signature:	
Mode:	TX 2480MHz	Distance:	3m
Model:	NS-CBBTCD01-B		
Manufacturer:	Musical		
Note:	Bluetooth 3.0		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	25406.028	34.55	16.50	51.05	74.00	-22.95	peak			
2	25406.028	22.97	16.50	39.47	54.00	-14.53	AVG			

Figure 25: Test figure of spurious emissions, mode B.1, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-02-07 /

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

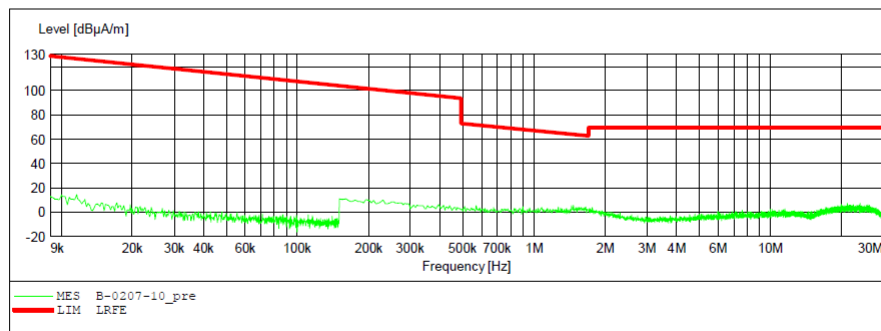


Figure 26: Test figure of spurious emissions, mode B.1, Vertical polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2402MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-02-07 /

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

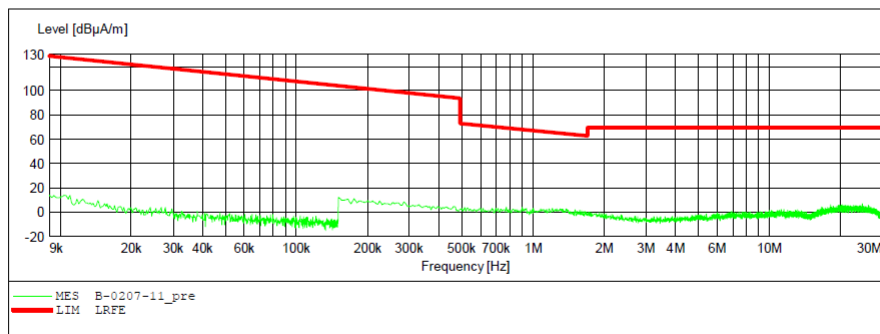

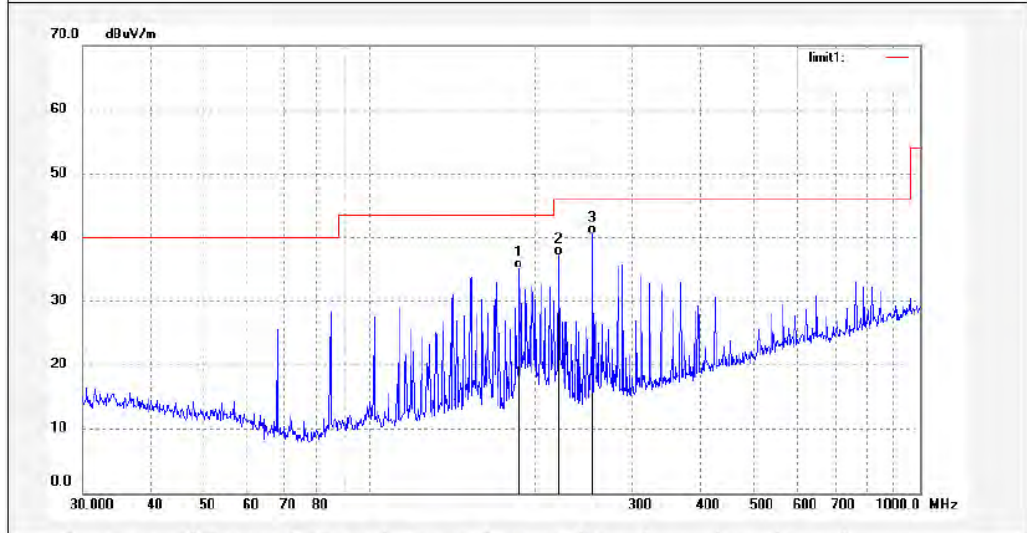



Figure 27: Test figure of spurious emissions, mode B.1, Horizontal polarity (30MHz – 1GHz)

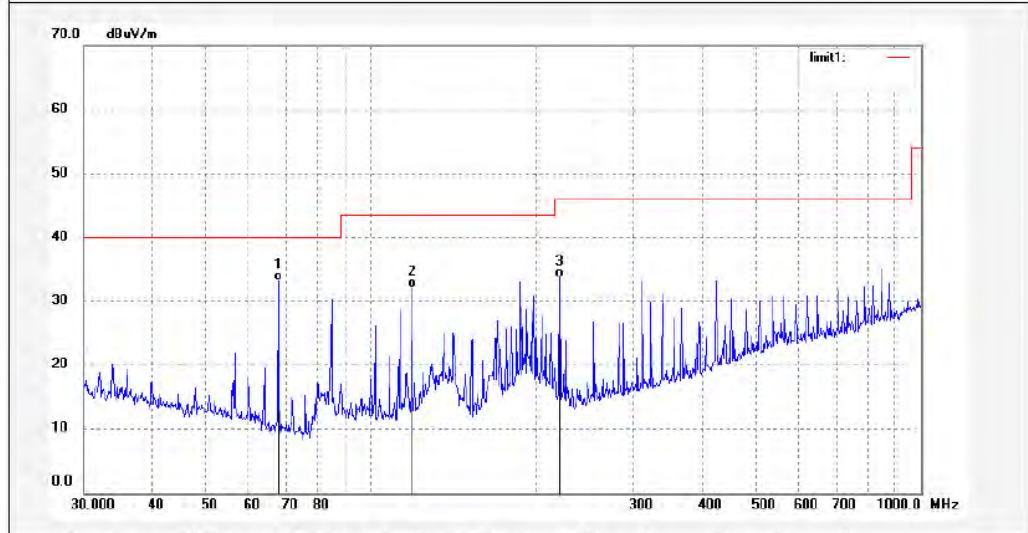
		ACCURATE TECHNOLOGY CO., LTD. F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China	Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396
Job No.:	Ian2015 #323	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/02/08
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Bluetooth Boombox Black	Engineer Signature:	
Mode:	TX 2402MHz	Distance:	3m
Model:	NS-CBBTCD01-B		
Manufacturer:	Musical		
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	186.4408	47.77	-12.69	35.08	43.50	-8.42	QP			
2	219.8448	48.90	-11.71	37.19	46.00	-8.81	QP			
3	253.8367	51.20	-10.76	40.44	46.00	-5.56	QP			


Figure 28: Test figure of spurious emissions, mode B.1, Vertical polarity (30MHz – 1GHz)

		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.: Ian2015 #322 Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.(C)/Hum.(%) 23 C / 48 % EUT: Bluetooth Boombox Black Mode: TX 2402MHz Model: NS-CBBTCD01-B Manufacturer: Musical	Polarization: Vertical Power Source: AC 120V/60Hz Date: 2015/02/08 Time: Engineer Signature: 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	67.6751	49.04	-15.93	33.11	40.00	-6.89	QP			
2	118.6013	45.23	-13.14	32.09	43.50	-11.41	QP			
3	220.6170	45.33	-11.68	33.65	46.00	-12.35	QP			

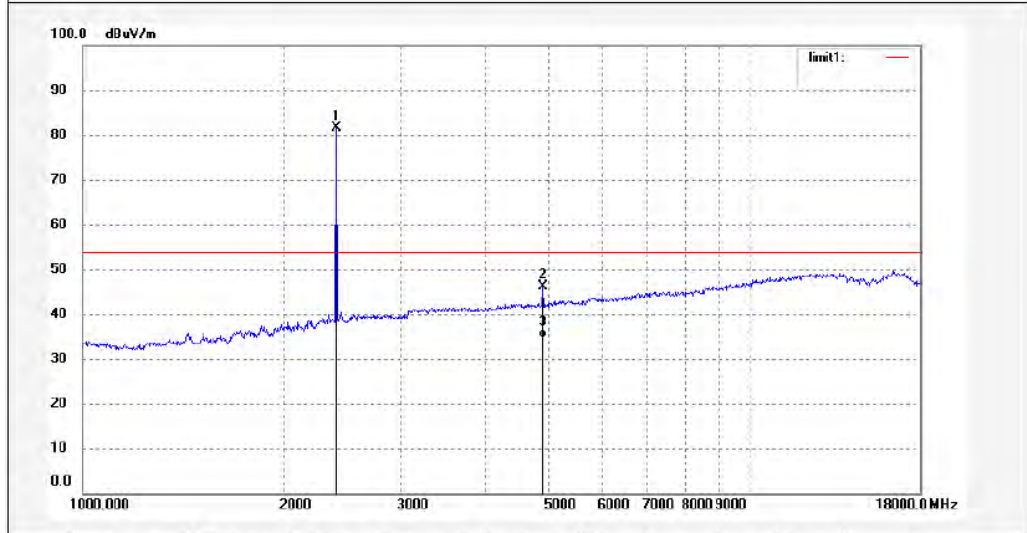
Figure 29: Test figure of spurious emissions, mode B.1, Horizontal polarity (1GHz –18GHz)



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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.: Ian2015 #294 Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.(C)/Hum.(%) 23 C / 48 % EUT: Bluetooth Boombox Black Mode: TX 2402MHz Model: NS-CBBTCD01-B Manufacturer: Musical	Polarization: Horizontal Power Source: AC 120V/60Hz Date: 2015/02/08 Time: Engineer Signature: 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	89.04	-7.45	81.59	/	/	peak			
2	4904.021	45.76	0.25	46.01	74.00	-27.99	peak			
3	4904.021	34.50	0.25	34.75	54.00	-19.25	AVG			

Figure 30: Test figure of spurious emissions, mode B.1, Vertical polarity (1GHz – 18GHz)

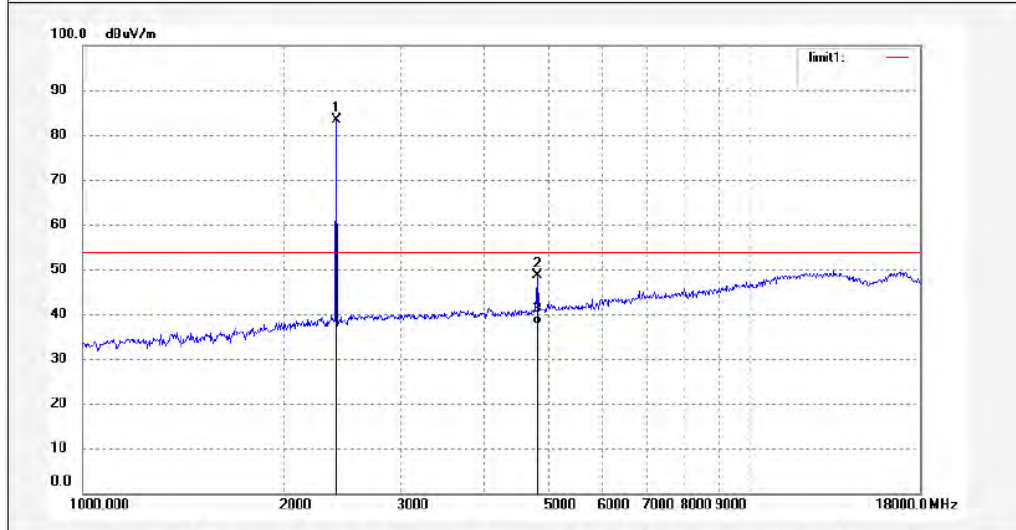


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #295	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	90.83	-7.45	83.38	/	/	peak			
2	4804.014	48.93	-0.30	48.63	74.00	-5.37	peak			
3	4804.014	37.82	-0.30	37.52	54.00	-16.48	AVG			

Figure 31: Test figure of spurious emissions, mode B.1, Horizontal polarity (18GHz –25GHz)

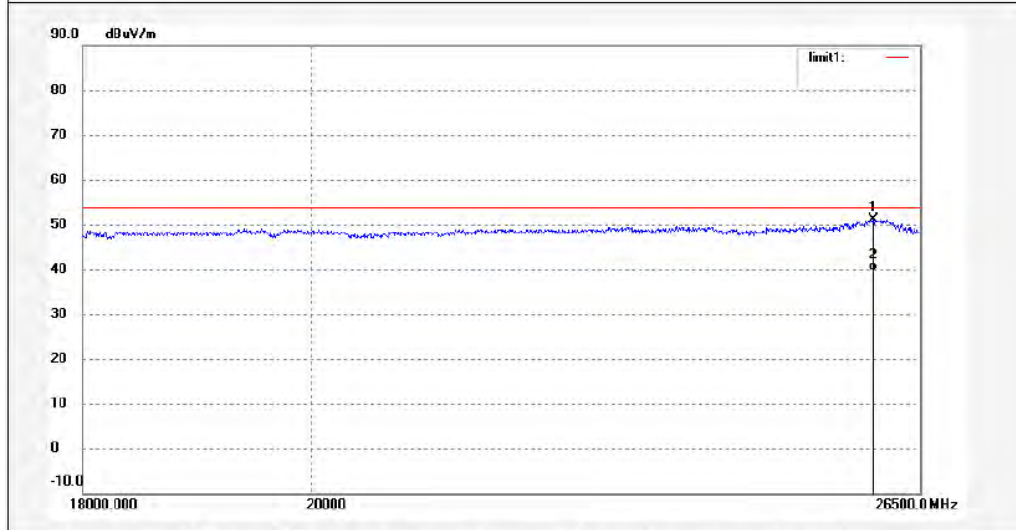


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #311	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	25932.200	34.68	16.50	51.18	74.00	-22.82	peak			
2	25932.200	23.09	16.50	39.59	54.00	-14.41	AVG			

Figure 32: Test figure of spurious emissions, mode B.1, Vertical polarity (18GHz – 25GHz)

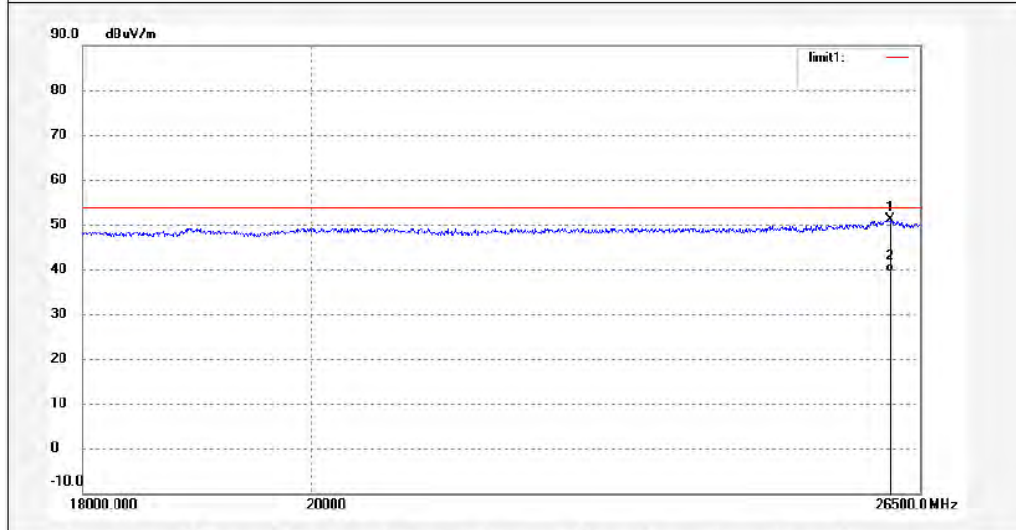


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #310	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2402MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	26133.575	34.57	16.50	51.07	74.00	-22.93	peak			
2	26133.575	22.86	16.50	39.36	54.00	-14.64	AVG			

Figure 33: Test figure of spurious emissions, mode B.2, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2440MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-02-07 /

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

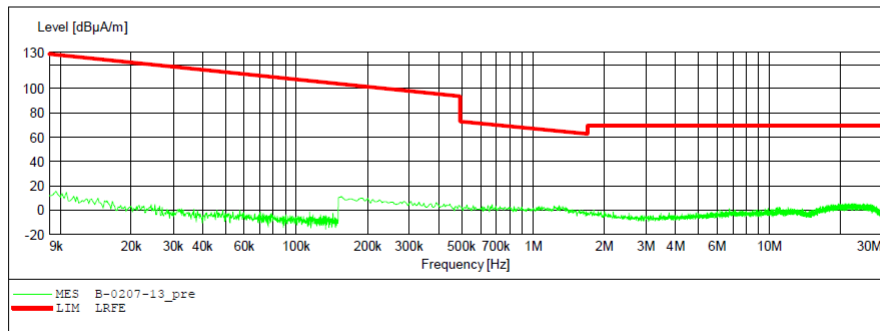


Figure 34: Test figure of spurious emissions, mode B.2, Vertical polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
Manufacturer: Musical
Operating Condition: TX 2440MHz
Test Site: 1#Shielding Room
Operator: LAN
Test Specification: AC 120V/60Hz
Comment: Y
Start of Test: 2015-02-07 /

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

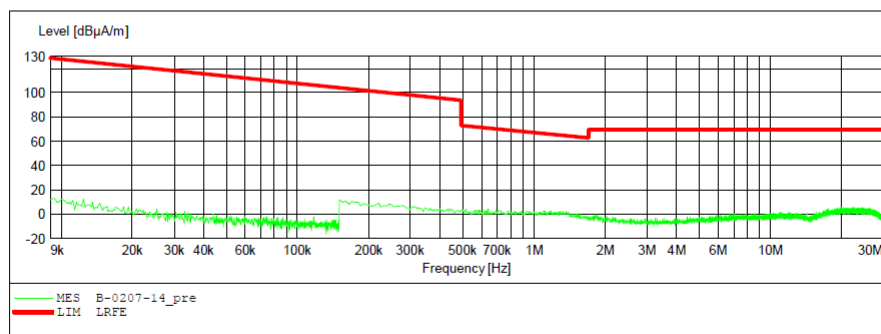

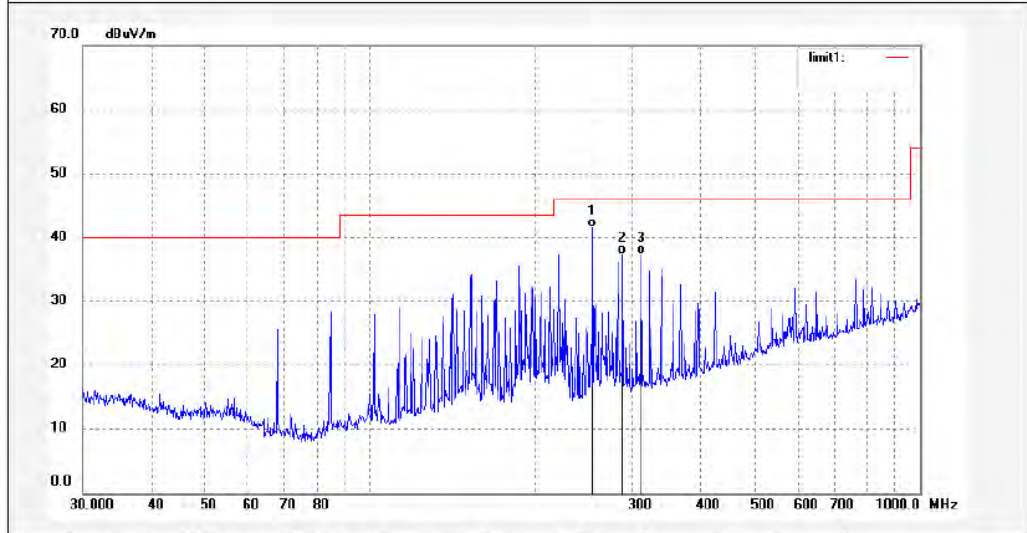



Figure 35: Test figure of spurious emissions, mode B.2, Horizontal polarity (30MHz – 1GHz)

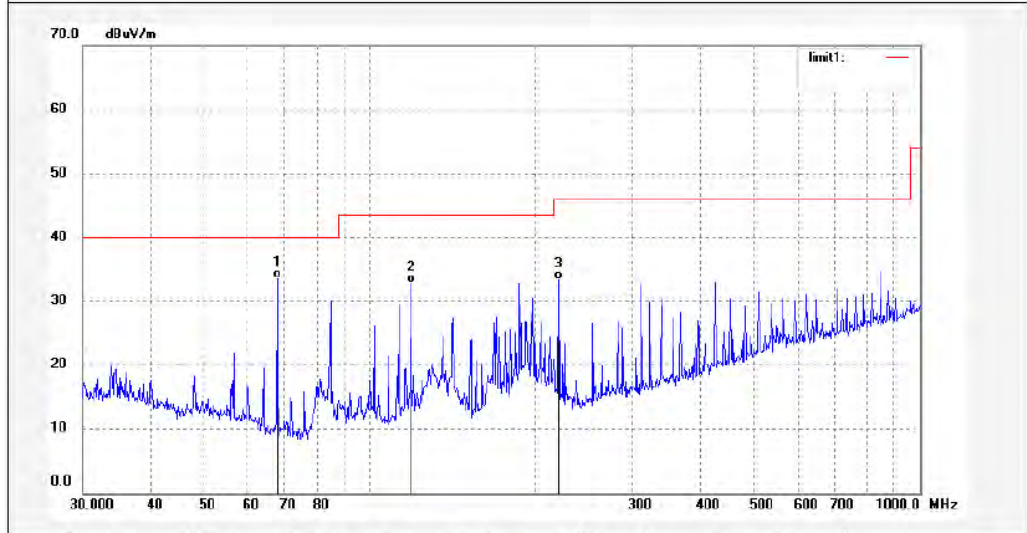
		ACCURATE TECHNOLOGY CO., LTD. F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China	Site: 2# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396
Job No.:	Ian2015 #324	Polarization:	Horizontal
Standard:	FCC Class B 3M Radiated	Power Source:	AC 120V/60Hz
Test item:	Radiation Test	Date:	2015/02/08
Temp.(C)/Hum.(%)	23 C / 48 %	Time:	
EUT:	Bluetooth Boombox Black	Engineer Signature:	
Mode:	TX 2440MHz	Distance:	3m
Model:	NS-CBBTCD01-B		
Manufacturer:	Musical		
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	253.8367	52.40	-10.76	41.64	46.00	-4.36	QP			
2	287.9904	46.91	-9.61	37.30	46.00	-8.70	QP			
3	311.0867	46.28	-8.99	37.29	46.00	-8.71	QP			

Figure 36: Test figure of spurious emissions, mode B.2, Vertical polarity (30MHz – 1GHz)

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Job No.: Ian2015 #325 Standard: FCC Class B 3M Radiated Test item: Radiation Test Temp.(C)/Hum.(%) 23 C / 48 % EUT: Bluetooth Boombox Black Mode: TX 2440MHz Model: NS-CBBTCD01-B Manufacturer: Musical	Polarization: Vertical Power Source: AC 120V/60Hz Date: 2015/02/08 Time: Engineer Signature: 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	67.6751	49.37	-15.93	33.44	40.00	-6.56	QP			
2	118.6013	45.92	-13.14	32.78	43.50	-10.72	QP			
3	219.8448	45.08	-11.71	33.37	46.00	-12.63	QP			

Figure 37: Test figure of spurious emissions, mode B.2, Horizontal polarity (1GHz – 18GHz)

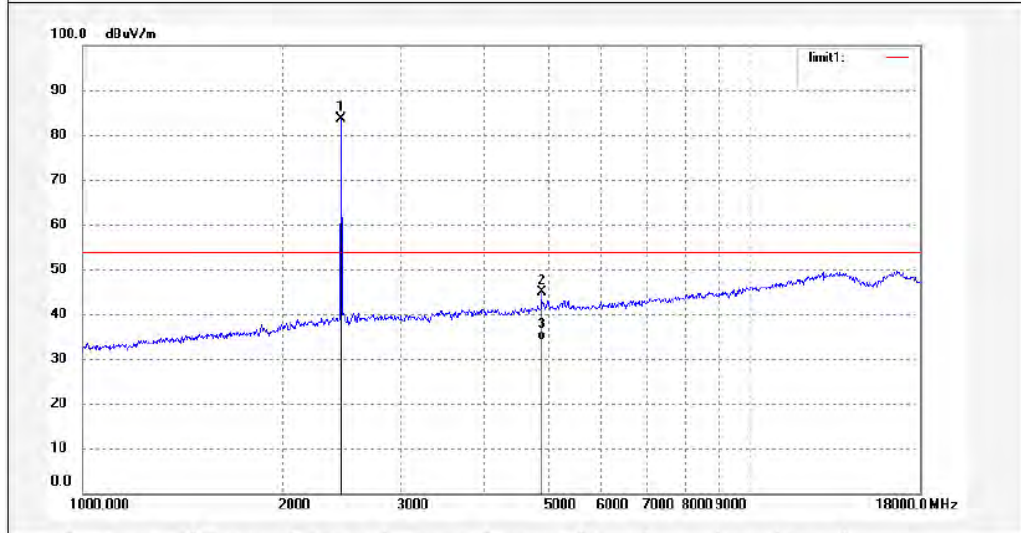


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 Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: Ian2015 #299	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	91.01	-7.36	83.65	/	/	peak			
2	4880.028	44.79	0.13	44.92	74.00	-29.08	peak			
3	4880.028	33.95	0.13	34.08	54.00	-19.92	AVG			

Figure 38: Test figure of spurious emissions, mode B.2, Vertical polarity (1GHz – 18GHz)

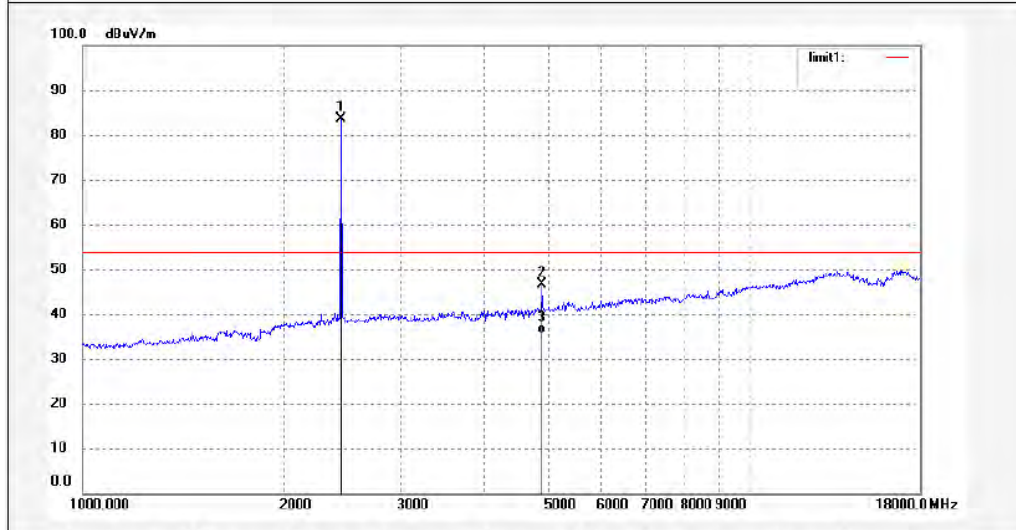


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #298	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	90.94	-7.36	83.58	/	/	peak			
2	4880.011	46.41	0.13	46.54	74.00	-27.46	peak			
3	4880.011	35.56	0.13	35.69	54.00	-18.31	AVG			

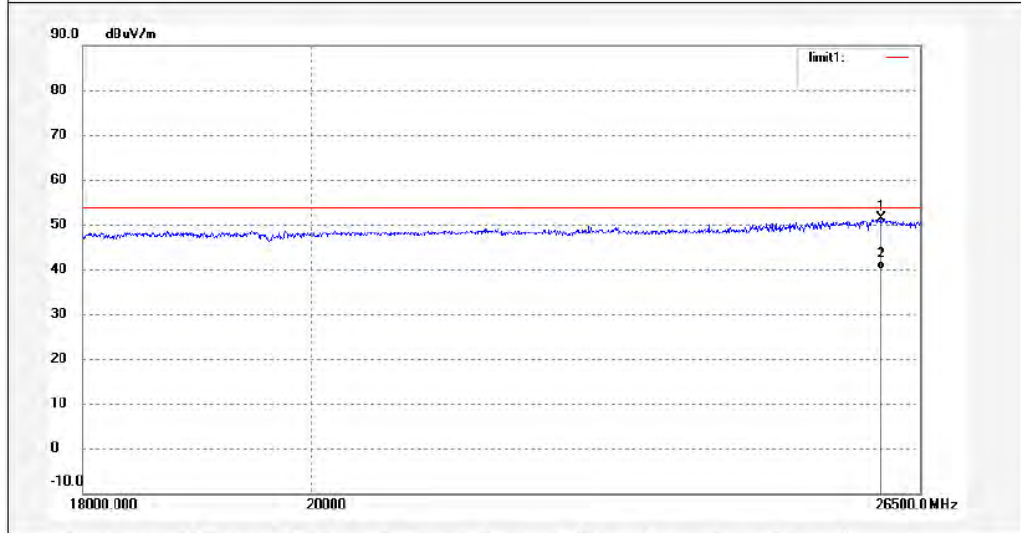
Figure 39: Test figure of spurious emissions, mode B.2, Horizontal polarity (18GHz – 25GHz)



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

Job No.: Ian2015 #312	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	
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	26032.693	34.93	16.50	51.43	74.00	-22.57	peak			
2	26032.693	23.50	16.50	40.00	54.00	-14.00	AVG			

Figure 40: Test figure of spurious emissions, mode B.2, Vertical polarity (18GHz – 25GHz)

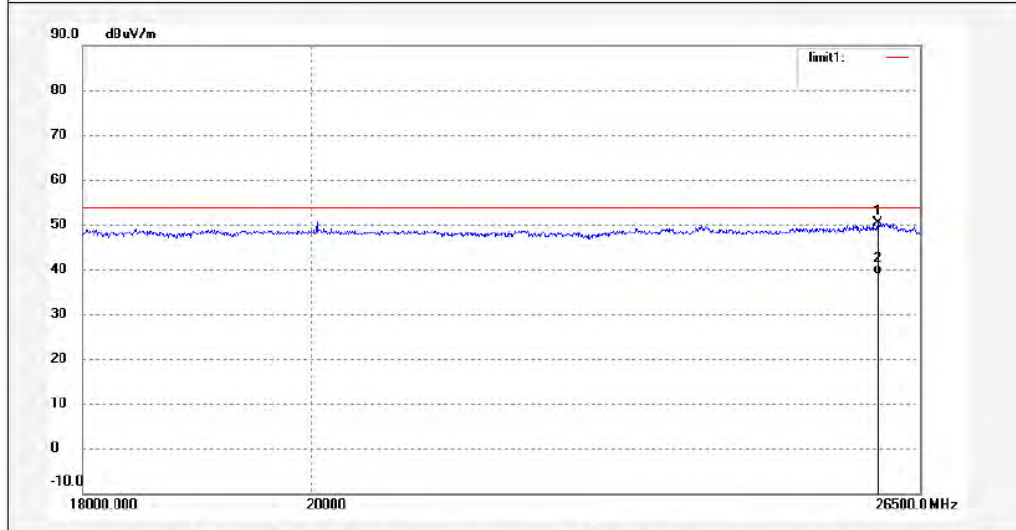


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Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: Ian2015 #313	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2440MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	25992.449	33.95	16.50	50.45	74.00	-23.55	peak			
2	25992.449	22.28	16.50	38.78	54.00	-15.22	AVG			

Figure 41: Test figure of spurious emissions, mode B.3, Horizontal polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: X
 Start of Test: 2015-02-07 /

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

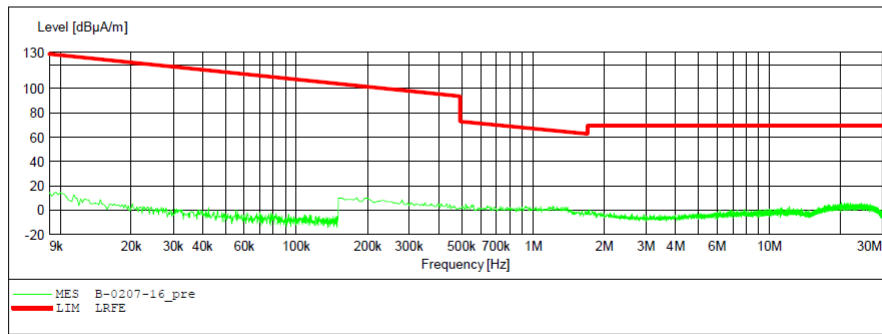


Figure 42: Test figure of spurious emissions, mode B.3, Vertical polarity (9kHz – 30MHz)

ACCURATE TECHNOLOGY CO.,LTD

FCC Class B 3M Radiated

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: TX 2480MHz
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: AC 120V/60Hz
 Comment: Y
 Start of Test: 2015-02-07 /

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

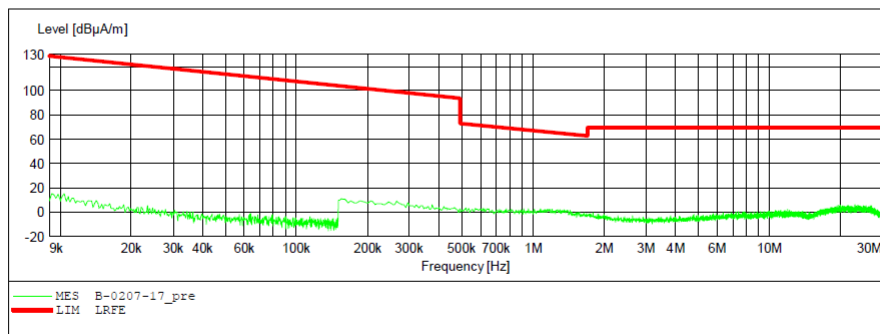


Figure 43: Test figure of spurious emissions, mode B.3, Horizontal polarity (30MHz – 1GHz)

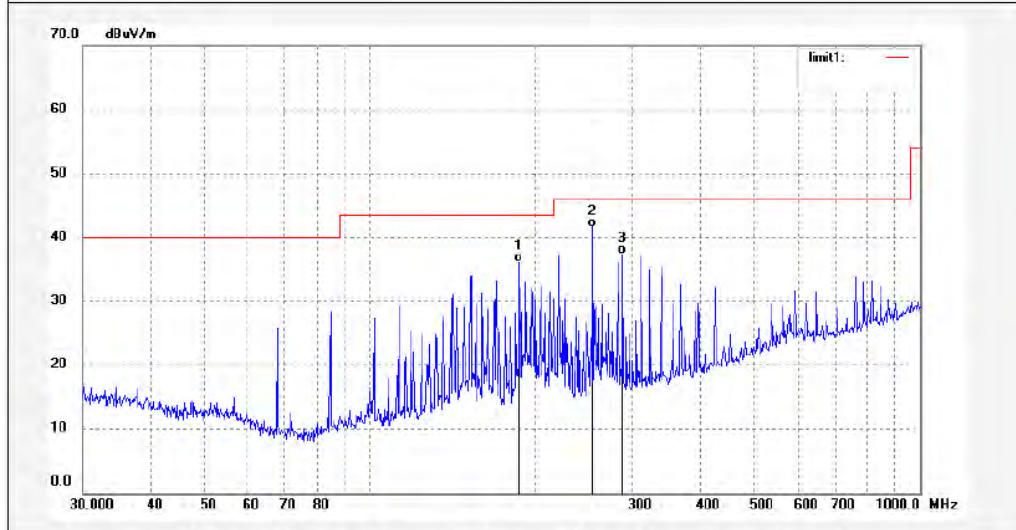


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #327	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	186.4408	48.87	-12.69	36.18	43.50	-7.32	QP			
2	253.8367	52.41	-10.76	41.65	46.00	-4.35	QP			
3	287.9904	47.01	-9.61	37.40	46.00	-8.60	QP			

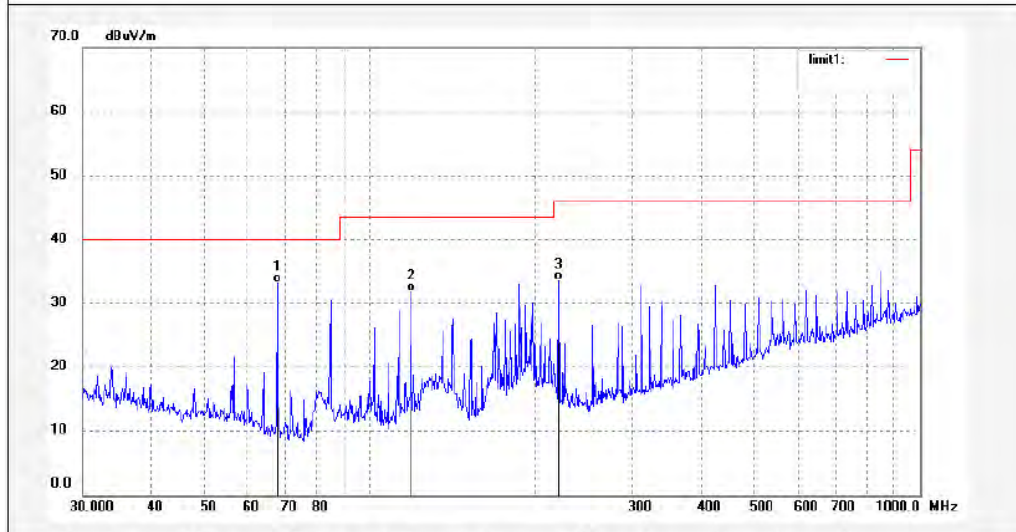
Figure 44: Test figure of spurious emissions, mode B.3, Vertical polarity (30MHz – 1GHz)



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Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Ian2015 #326	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	
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	67.6751	49.14	-15.93	33.21	40.00	-6.79	QP			
2	118.6013	44.98	-13.14	31.84	43.50	-11.66	QP			
3	220.6170	45.21	-11.68	33.53	46.00	-12.47	QP			

Figure 45: Test figure of spurious emissions, mode B.3, Horizontal polarity (1GHz –18GHz)

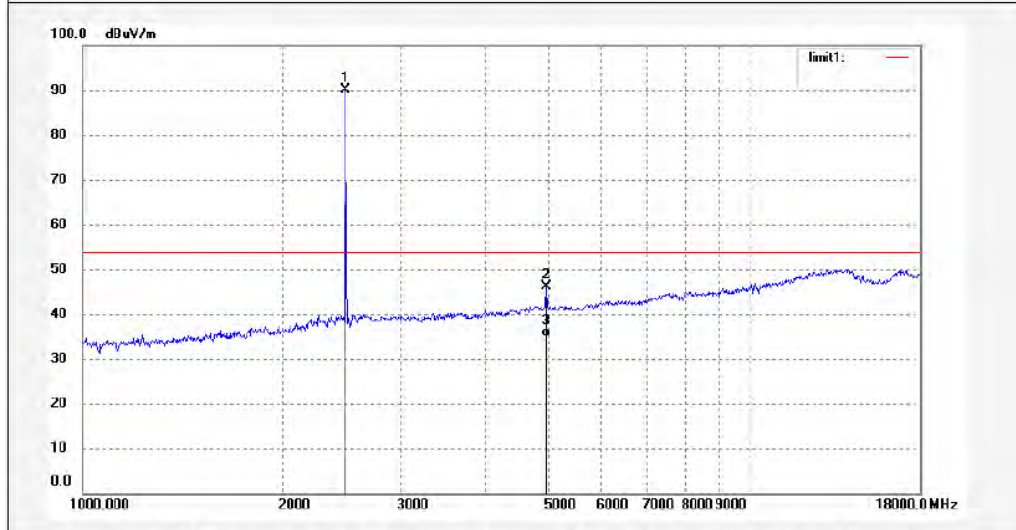


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #300	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	97.60	-7.37	90.23	/	/	peak			
2	4960.007	45.53	0.52	46.05	74.00	-27.95	peak			
3	4960.007	34.39	0.52	34.91	54.00	-19.09	AVG			

Figure 46: Test figure of spurious emissions, mode B.3, Vertical polarity (1GHz – 18GHz)

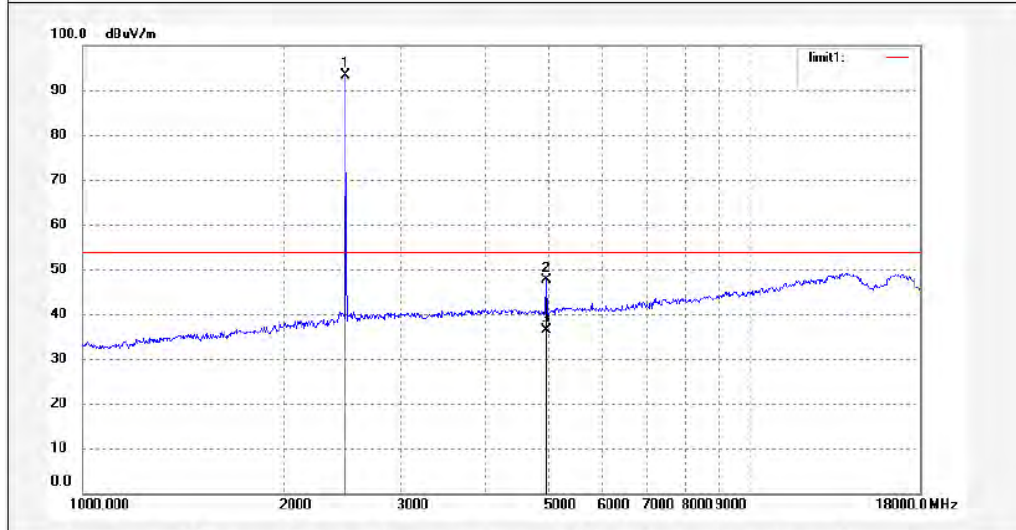


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Site: 2# Chamber
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 Fax:+86-0755-26503396

Job No.: Ian2015 #301	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	100.71	-7.37	93.34	/	/	peak			
2	4960.029	46.99	0.52	47.51	74.00	-26.49	peak			
3	4960.029	35.78	0.52	36.30	54.00	-17.70	peak			

Figure 47: Test figure of spurious emissions, mode B.3, Horizontal polarity (18GHz –25GHz)

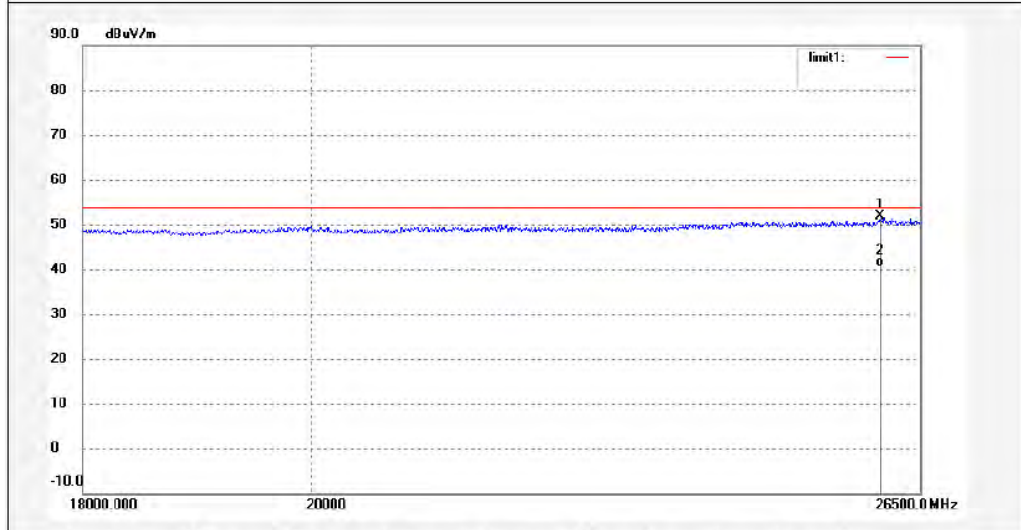


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #315	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	26012.563	35.36	16.50	51.86	74.00	-22.14	peak			
2	26012.563	24.07	16.50	40.57	54.00	-13.43	AVG			

Figure 48: Test figure of spurious emissions, mode B.3, Vertical polarity (18GHz – 25GHz)

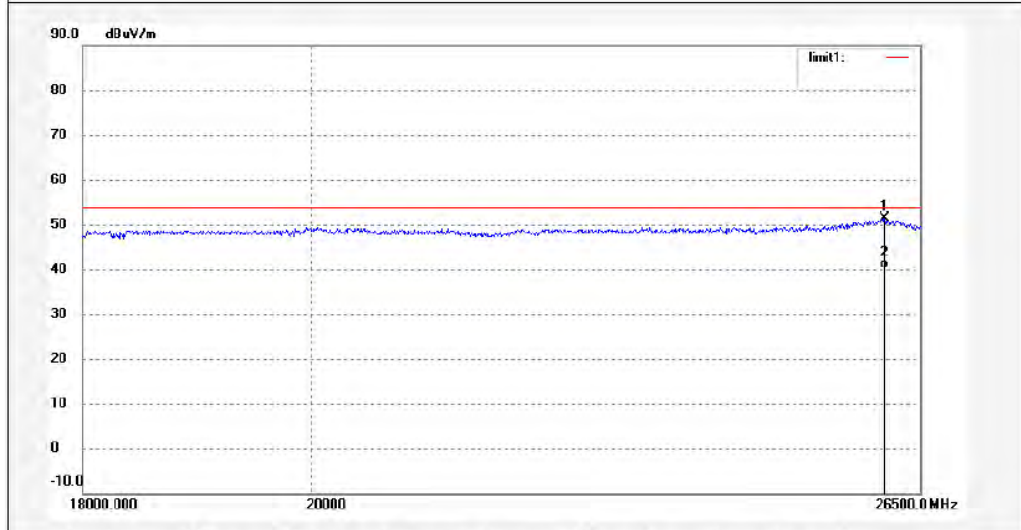


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Site: 2# Chamber
 Tel:+86-0755-26503290
 Fax:+86-0755-26503396

Job No.: Ian2015 #314	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2015/02/08
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: TX 2480MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

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	26072.999	34.99	16.50	51.49	74.00	-22.51	peak			
2	26072.999	23.63	16.50	40.13	54.00	-13.87	AVG			

Figure 49: Test figure of Radiated emissions in restricted bands, Mode A.1, Horizontal

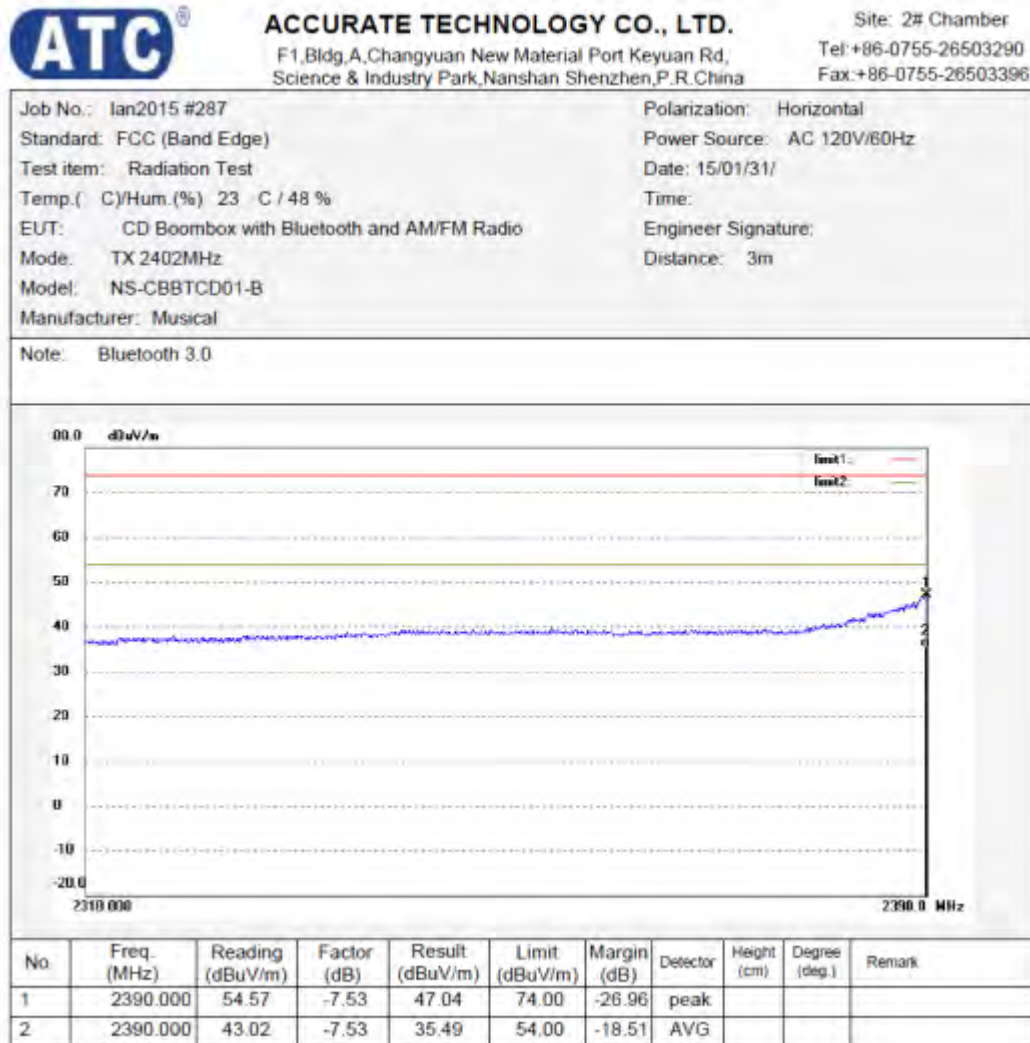


Figure 50: Test figure of Radiated emissions in restricted bands, Mode A.1, Vertical

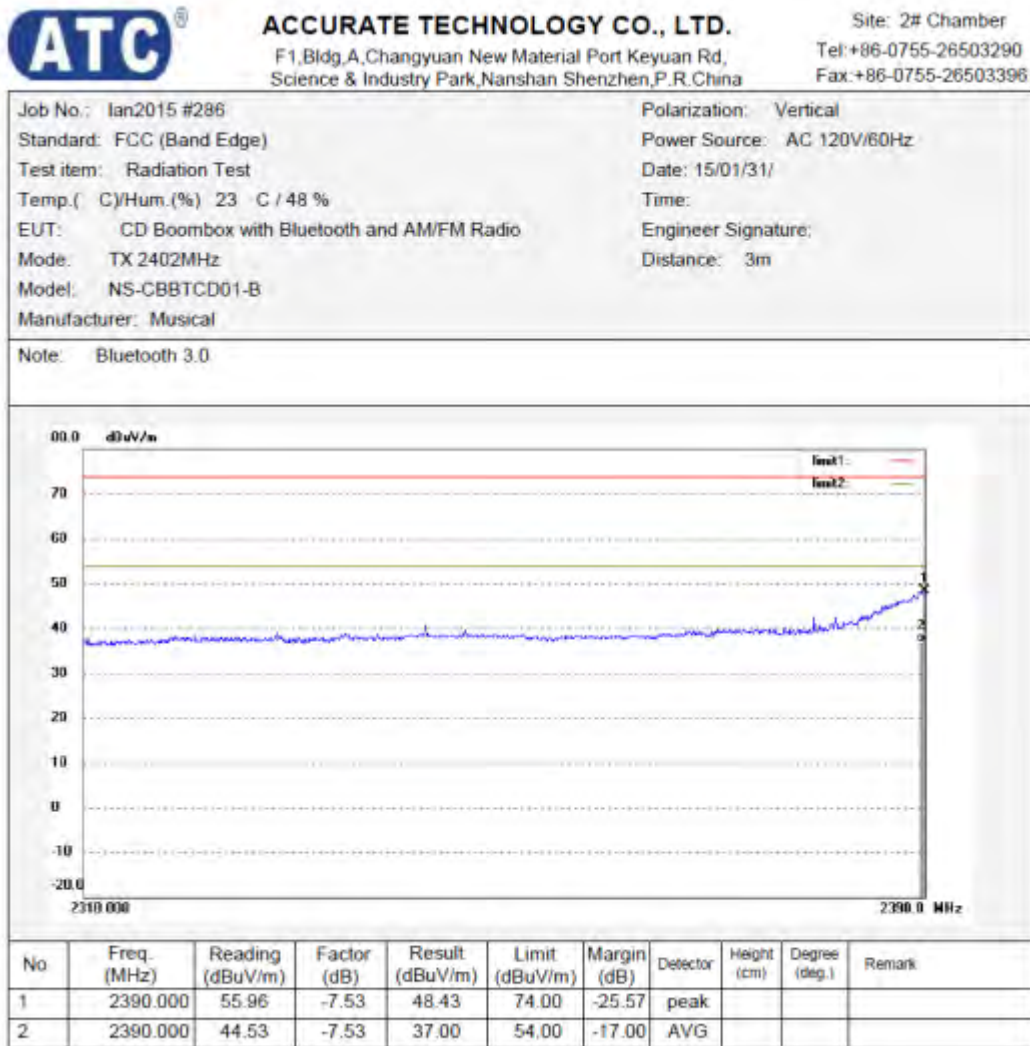


Figure 51: Test figure of Radiated emissions in restricted bands, Mode A.3, Horizontal

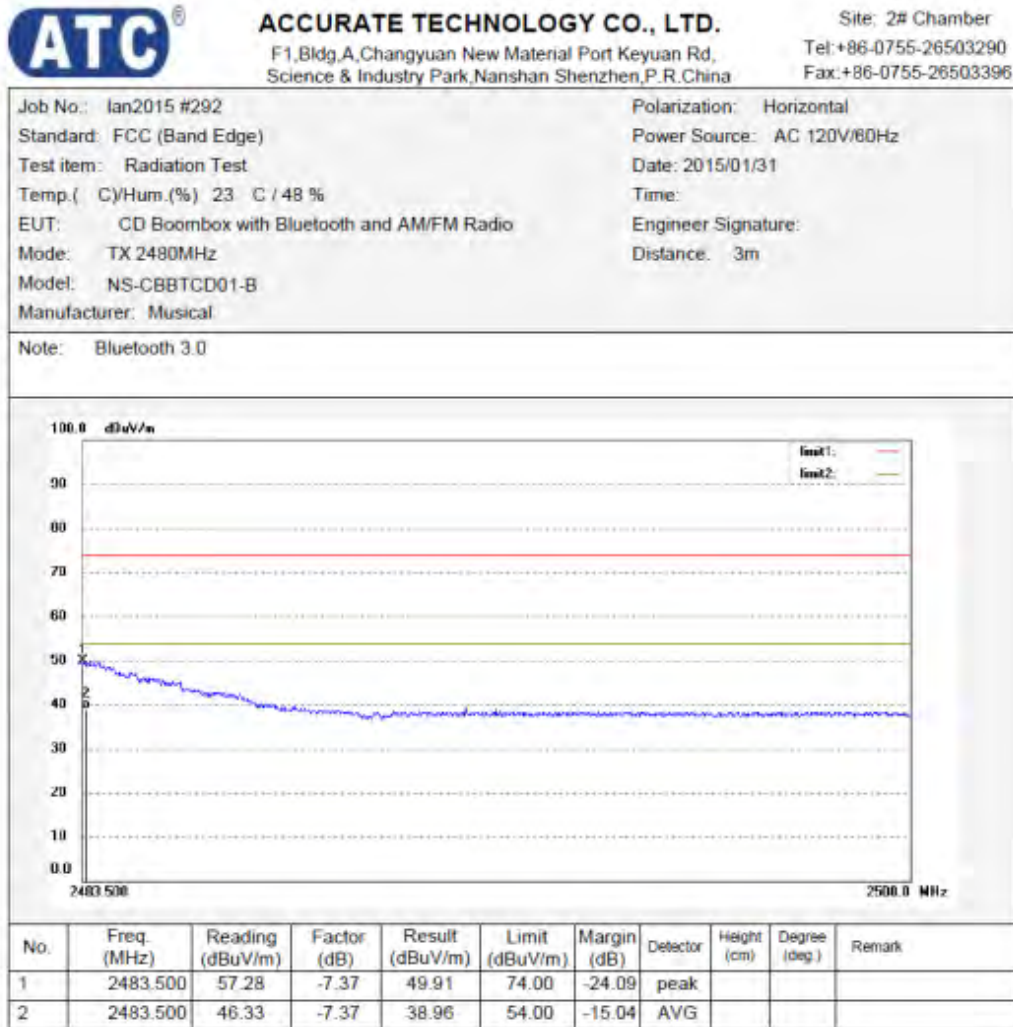


Figure 52: Test figure of Radiated emissions in restricted bands, Mode A.3, Vertical

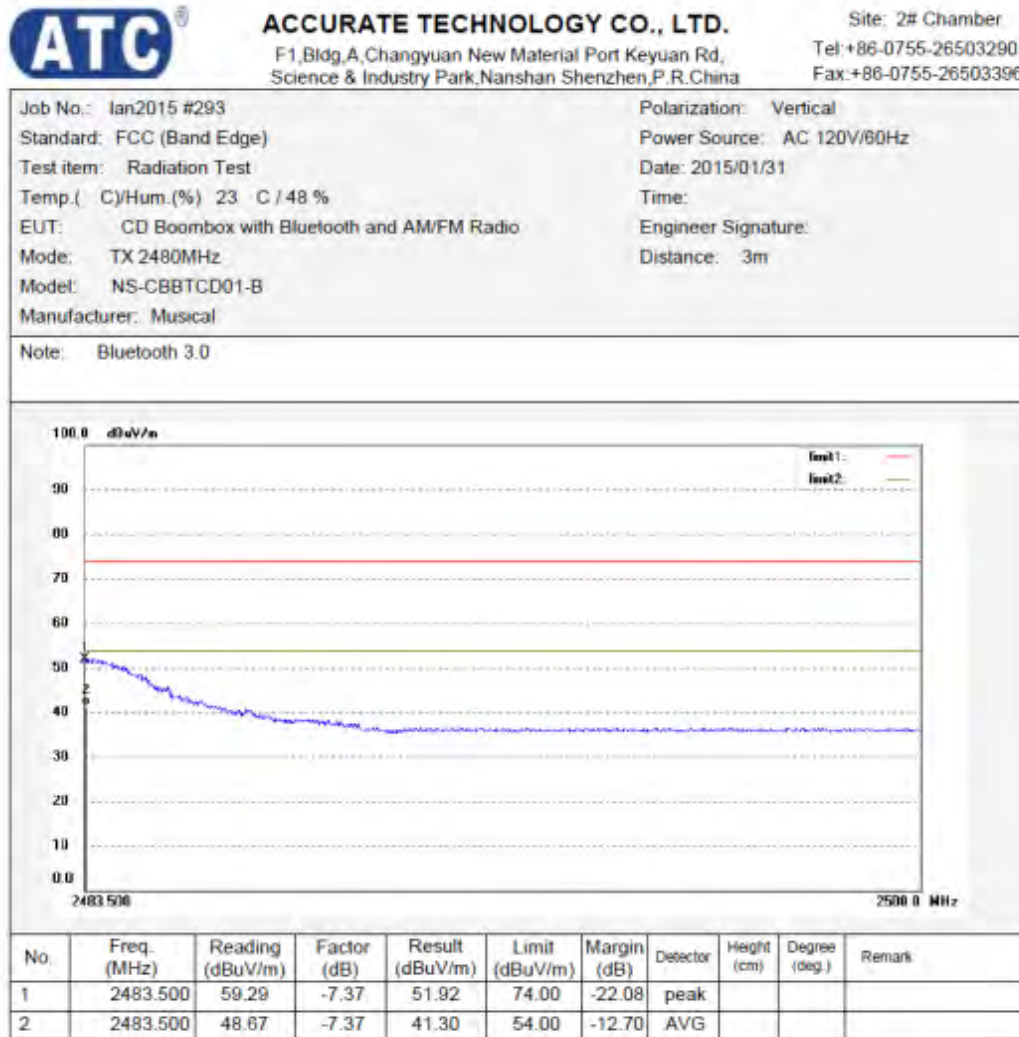


Figure 53: Test figure of Radiated emissions in restricted bands, Mode B.1, Horizontal

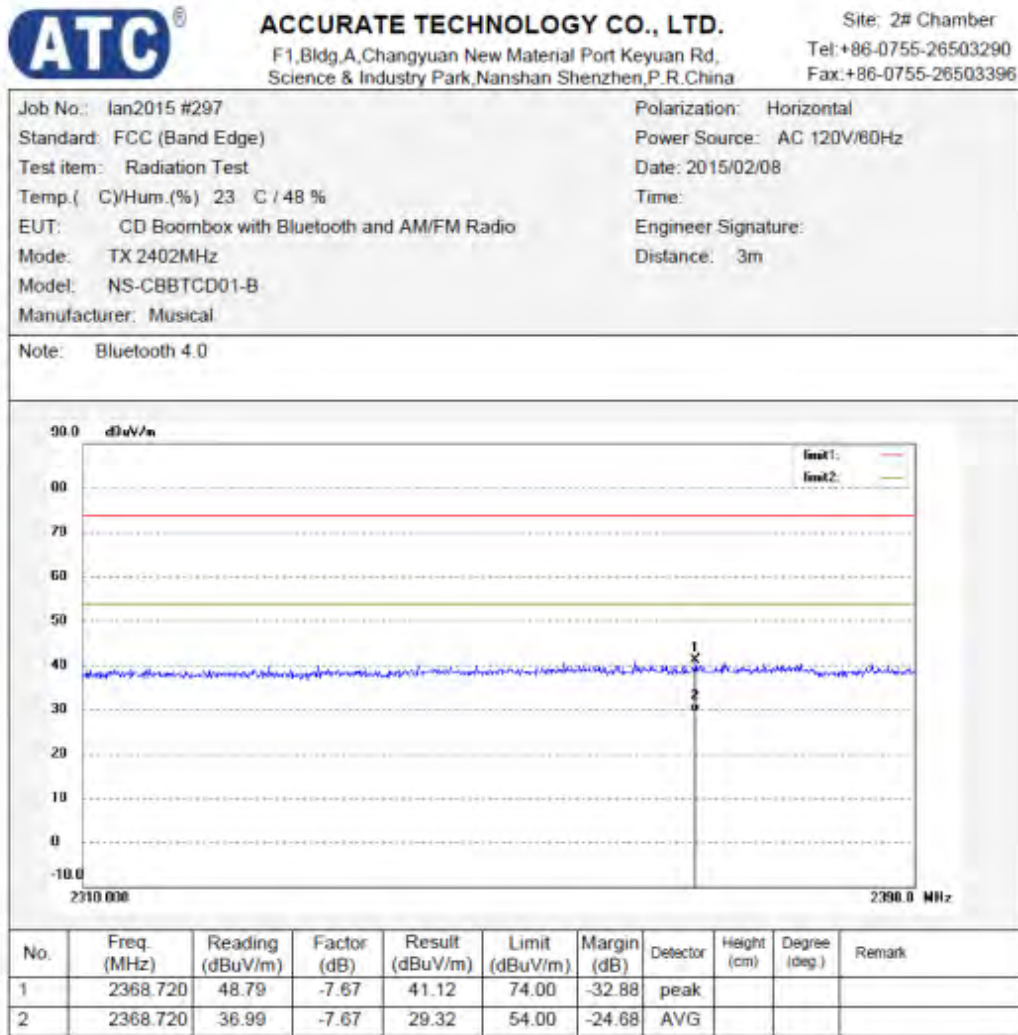


Figure 54: Test figure of Radiated emissions in restricted bands, Mode B.1, Vertical

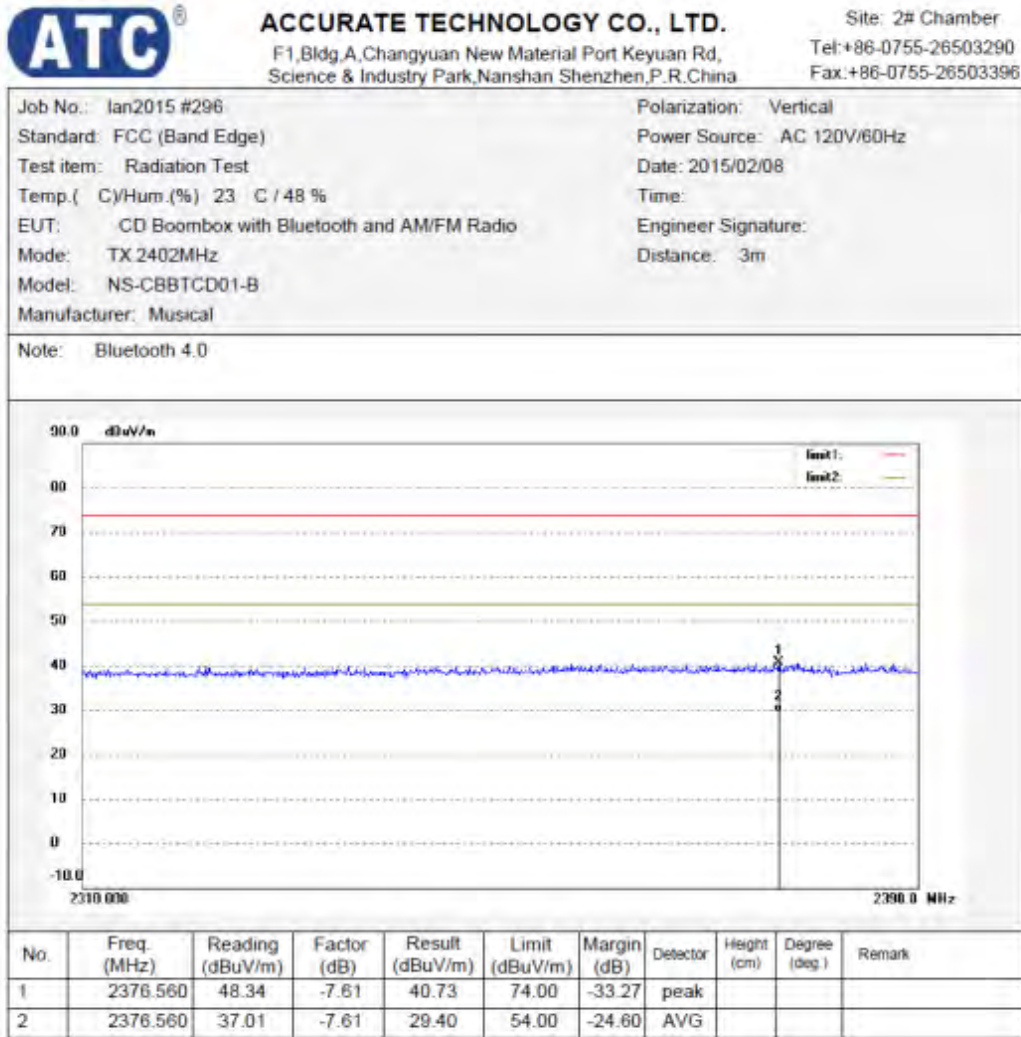


Figure 55: Test figure of Radiated emissions in restricted bands, Mode B.3, Horizontal

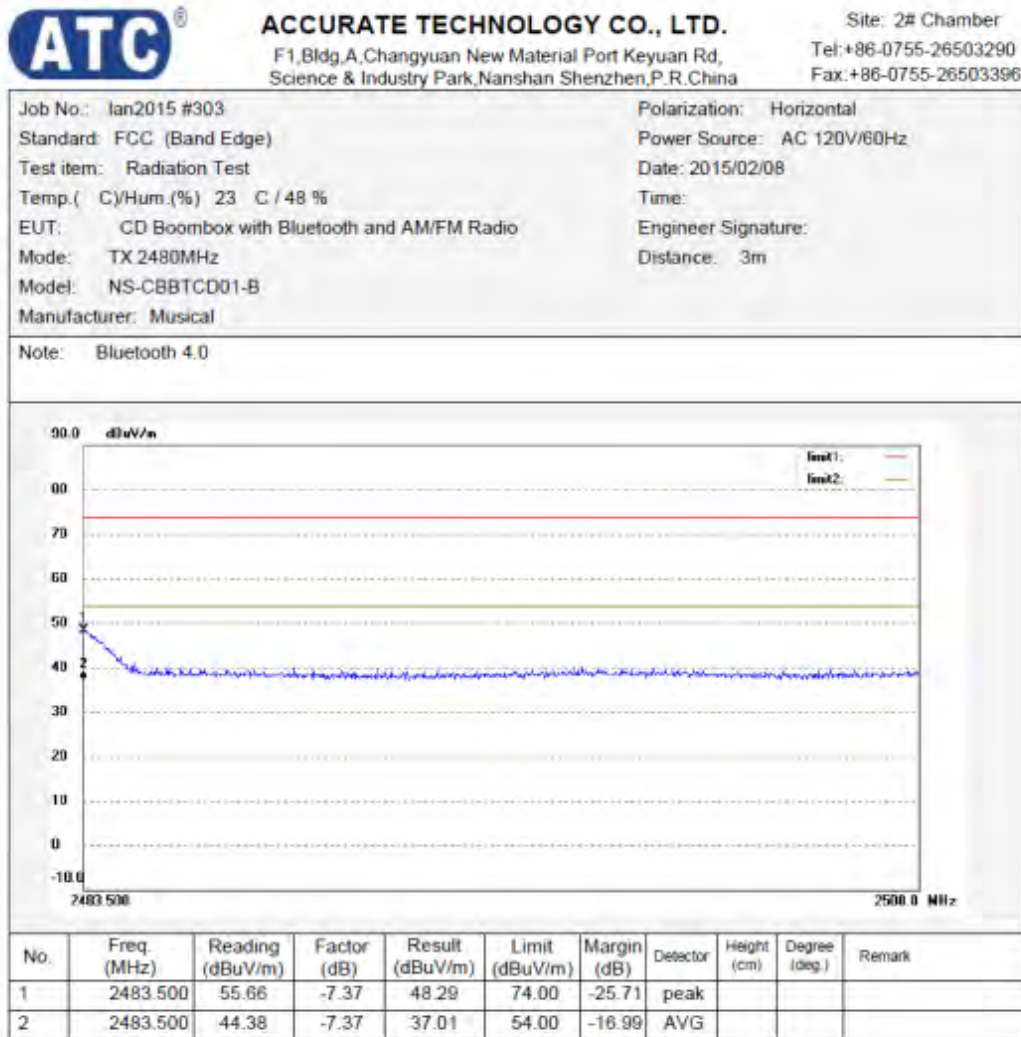


Figure 56: Test figure of Radiated emissions in restricted bands, Mode B.3, Vertical

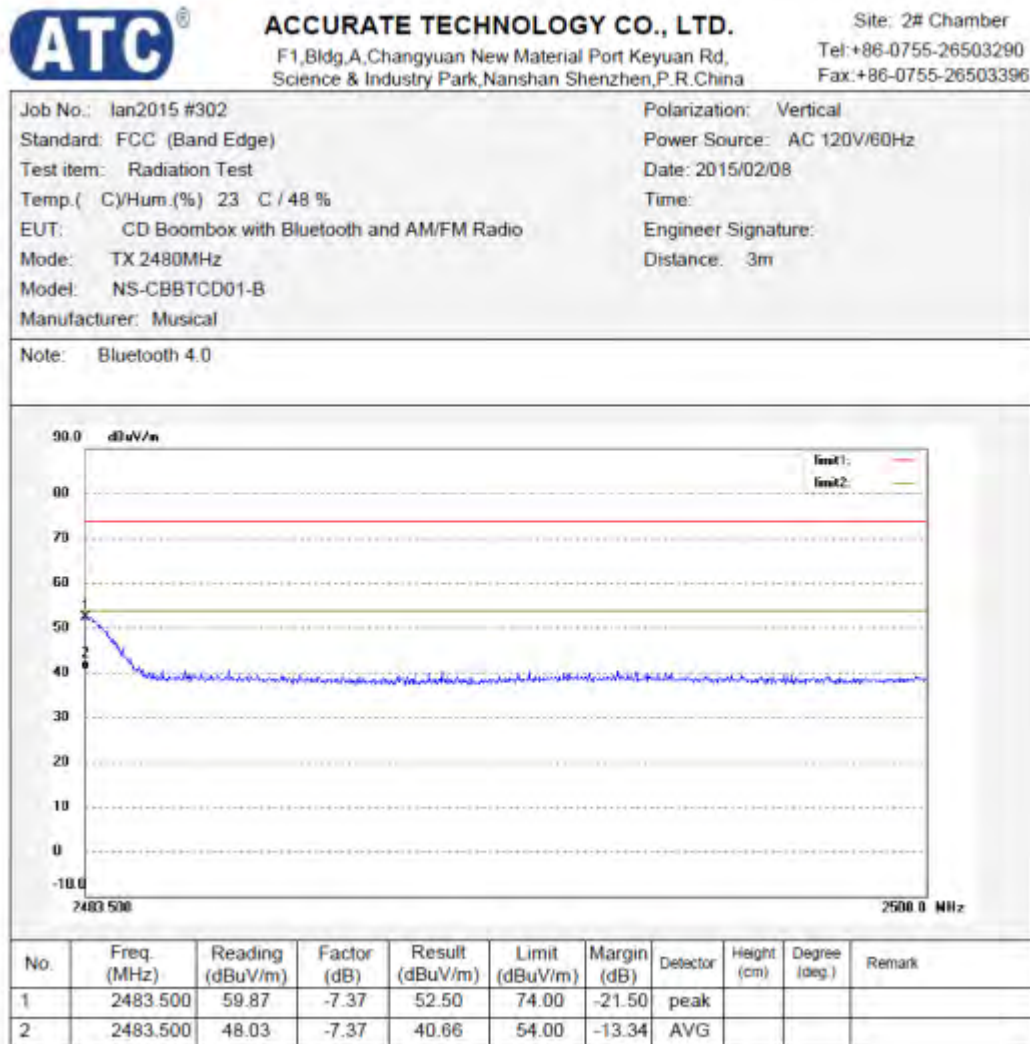
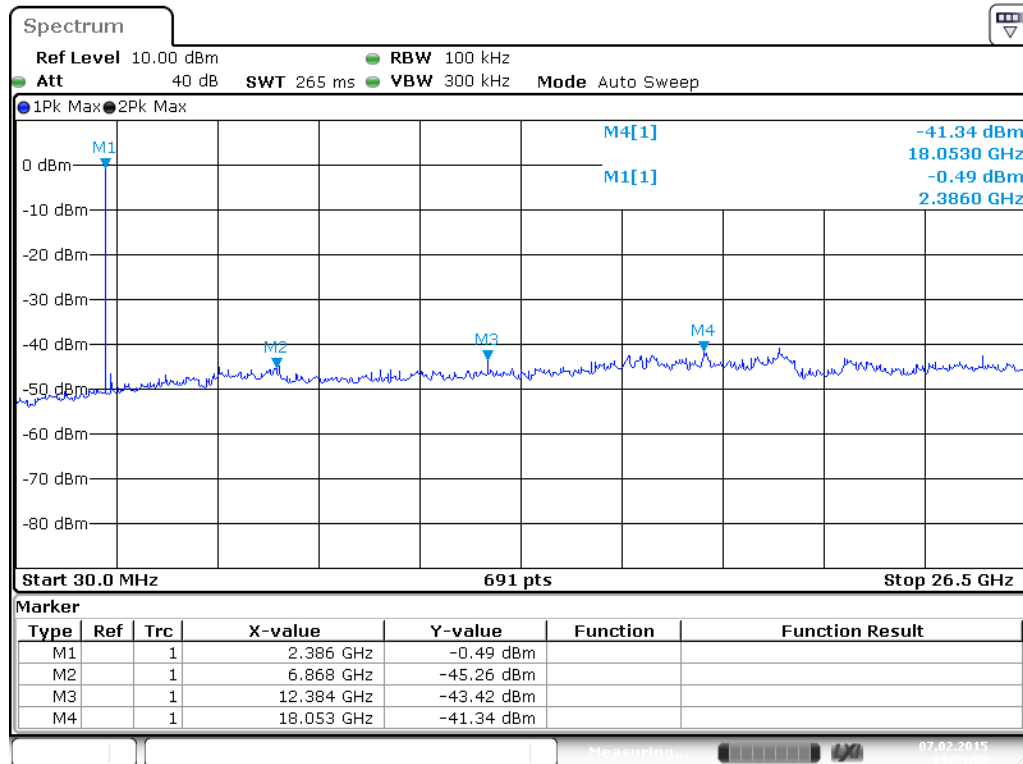
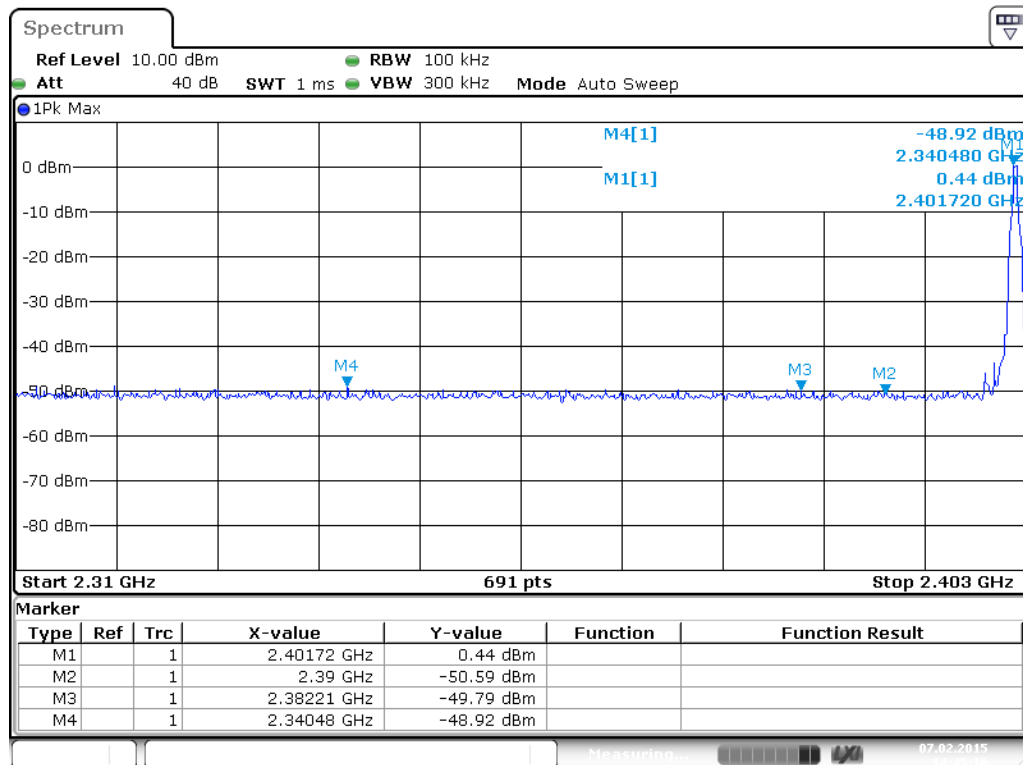


Figure 57: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.1, GFSK Modulation

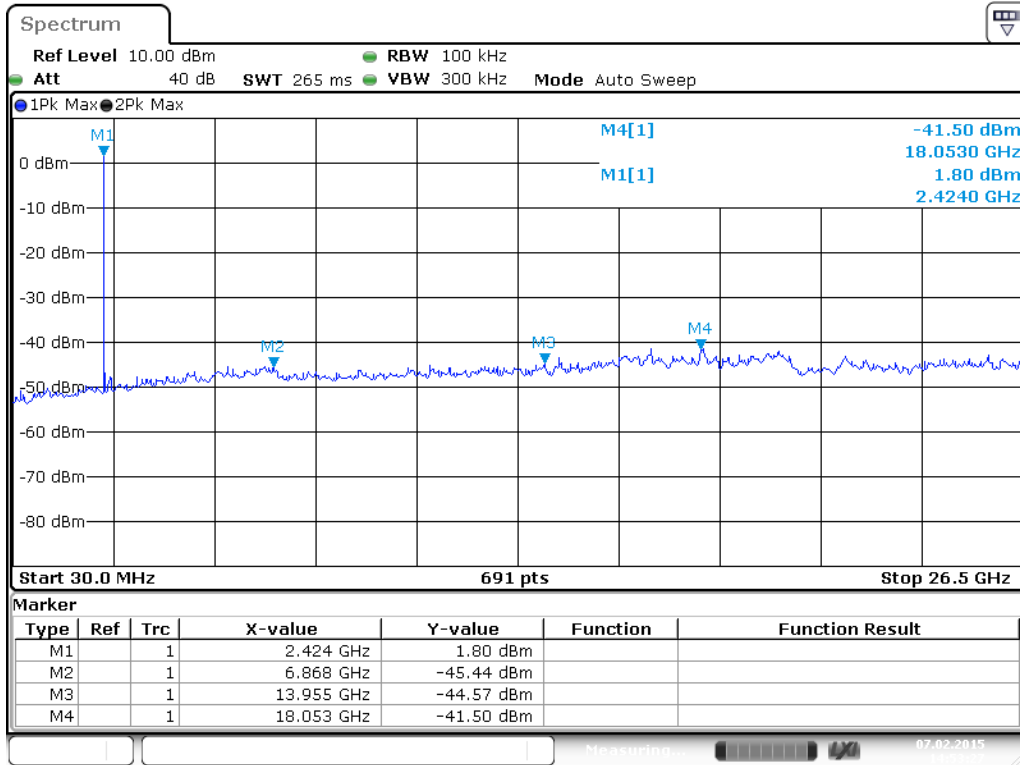


Date: 7.FEB.2015 14:54:01



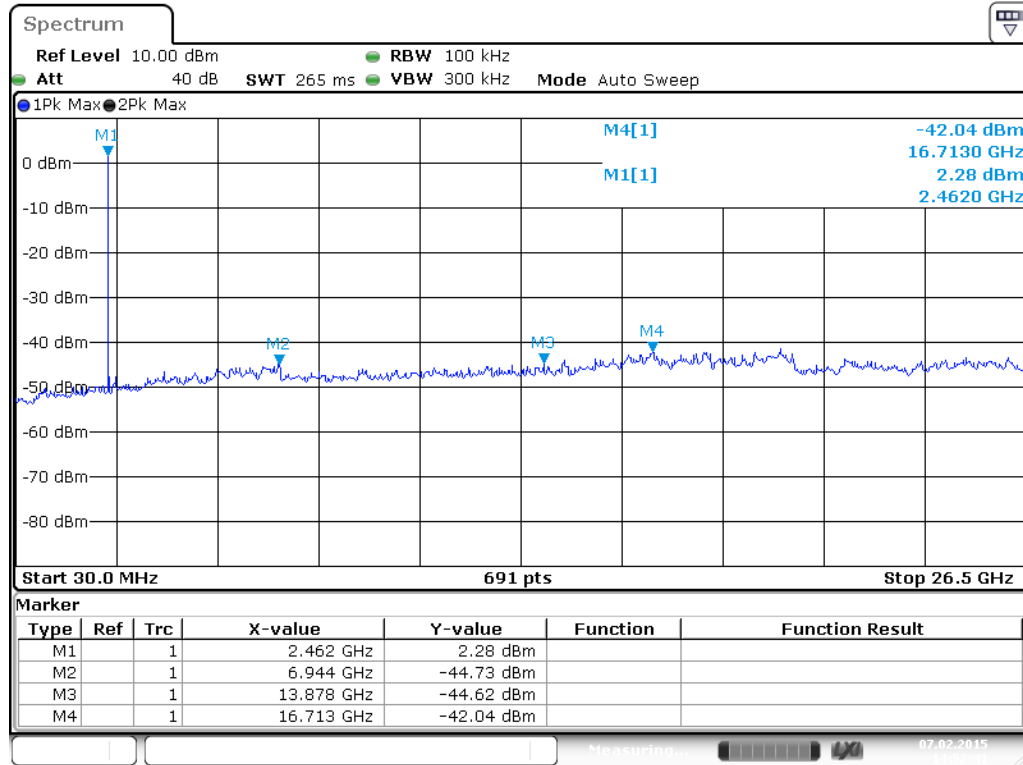
Date: 7.FEB.2015 14:45:17

Figure 58: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.2, GFSK Modulation

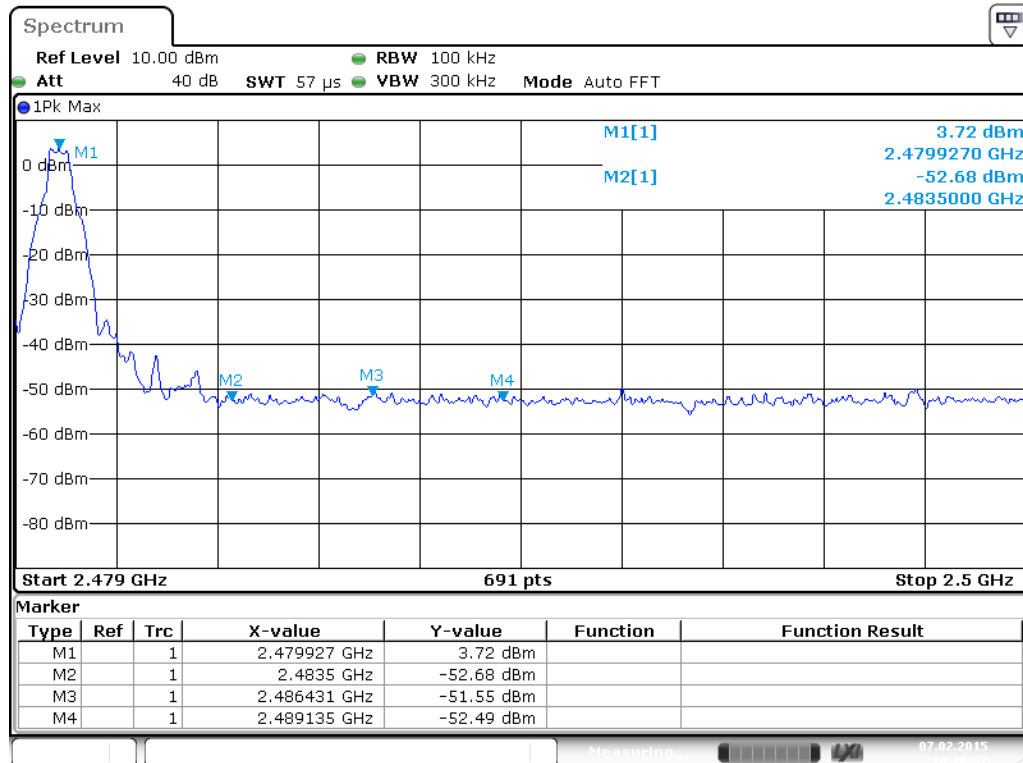


Date: 7.FEB.2015 14:53:28

Figure 59: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.3, GFSK Modulation

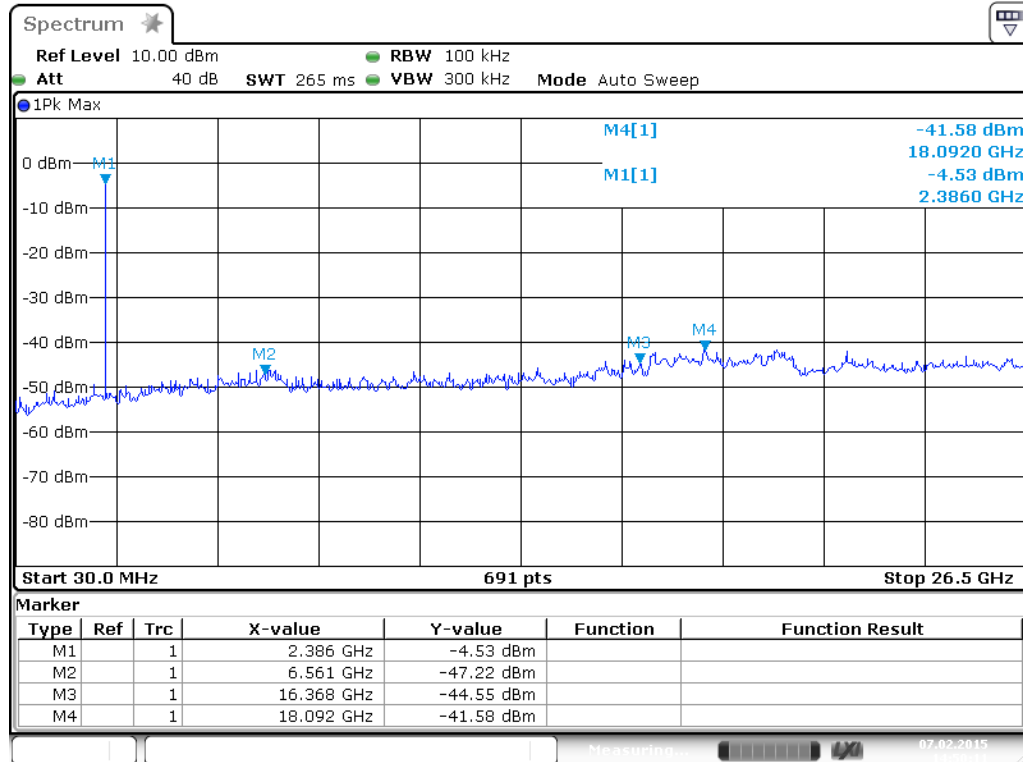


Date: 7.FEB.2015 14:52:41

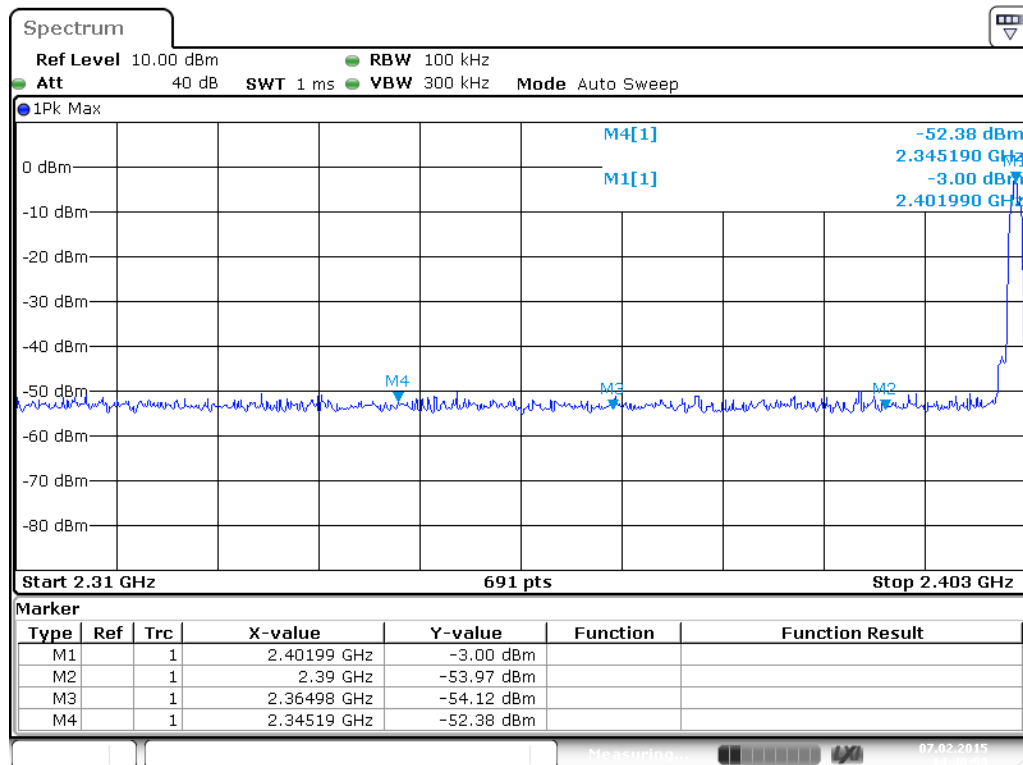


Date: 7.FEB.2015 14:46:48

Figure 60: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.1, 8DPSK Modulation

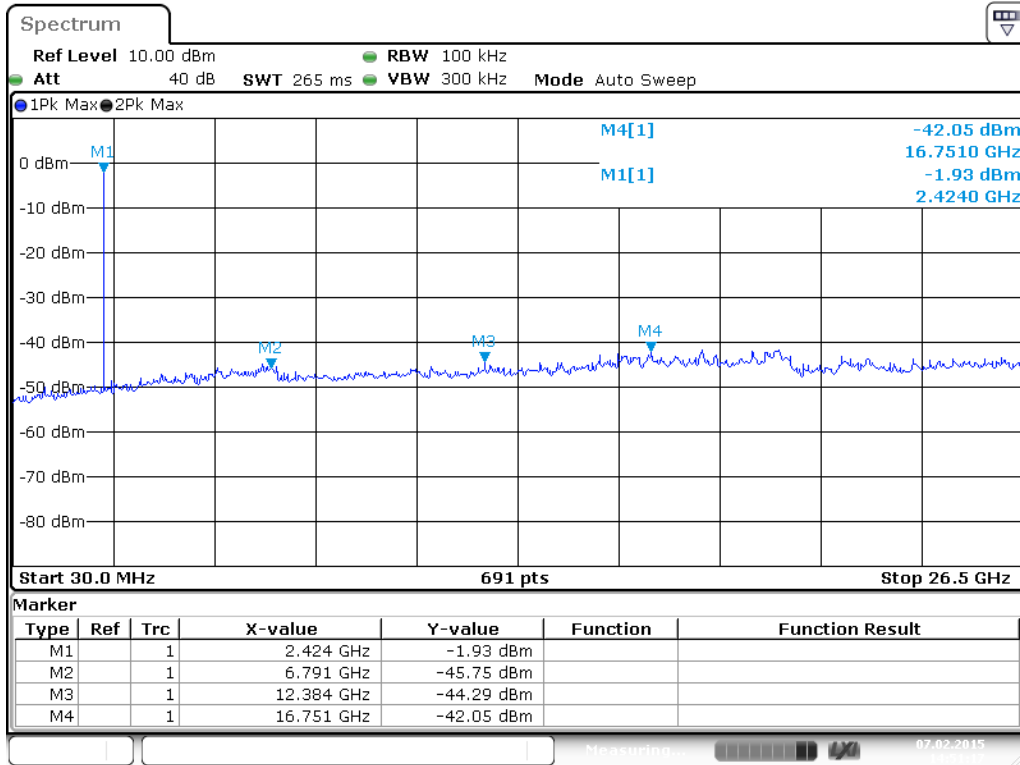


Date: 7.FEB.2015 14:50:11



Date: 7.FEB.2015 14:48:59

Figure 61: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.2, 8DPSK Modulation



Date: 7.FEB.2015 14:51:17

Figure 62: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode A.3, 8DPSK Modulation

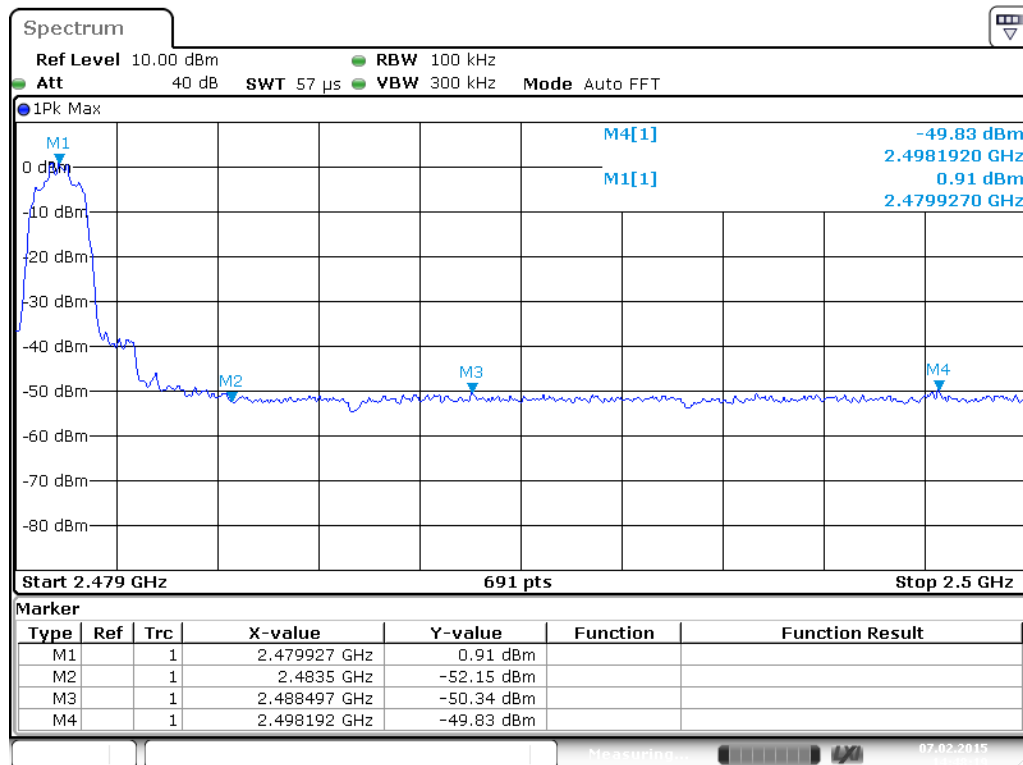
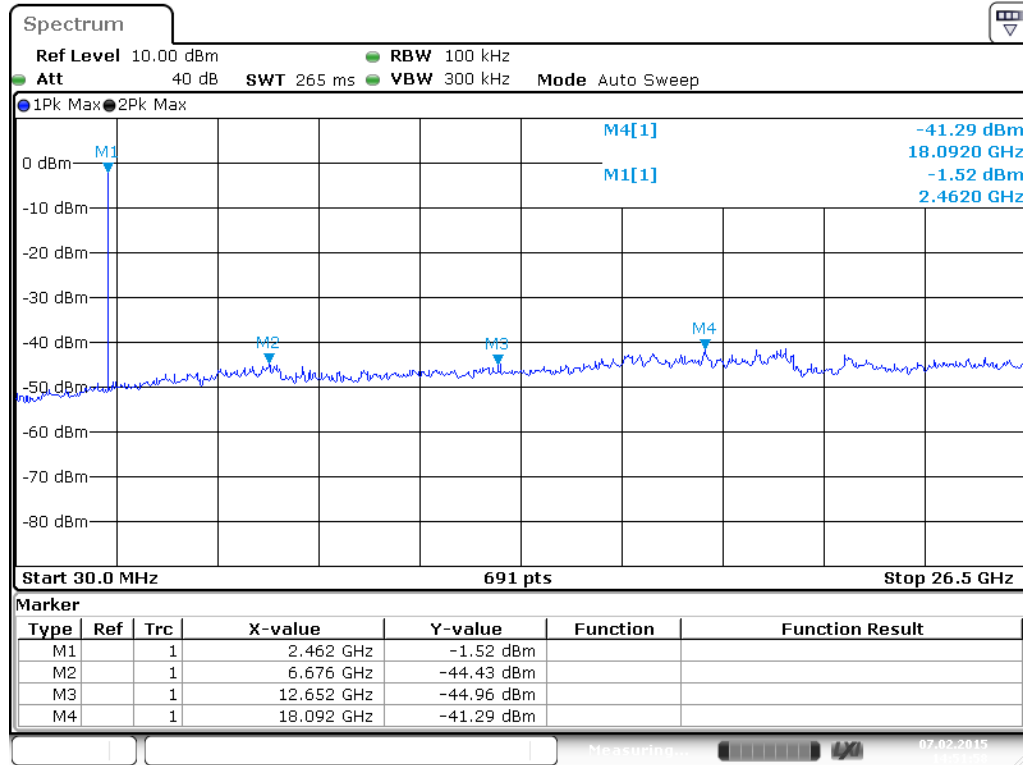


Figure 63: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode B.1

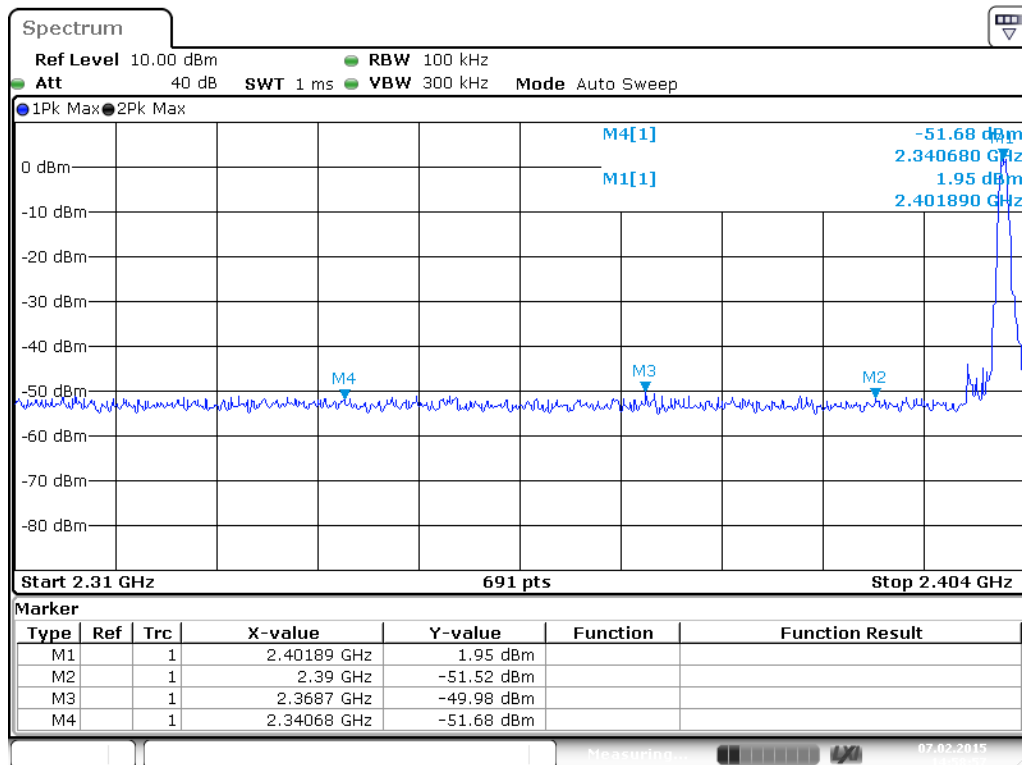
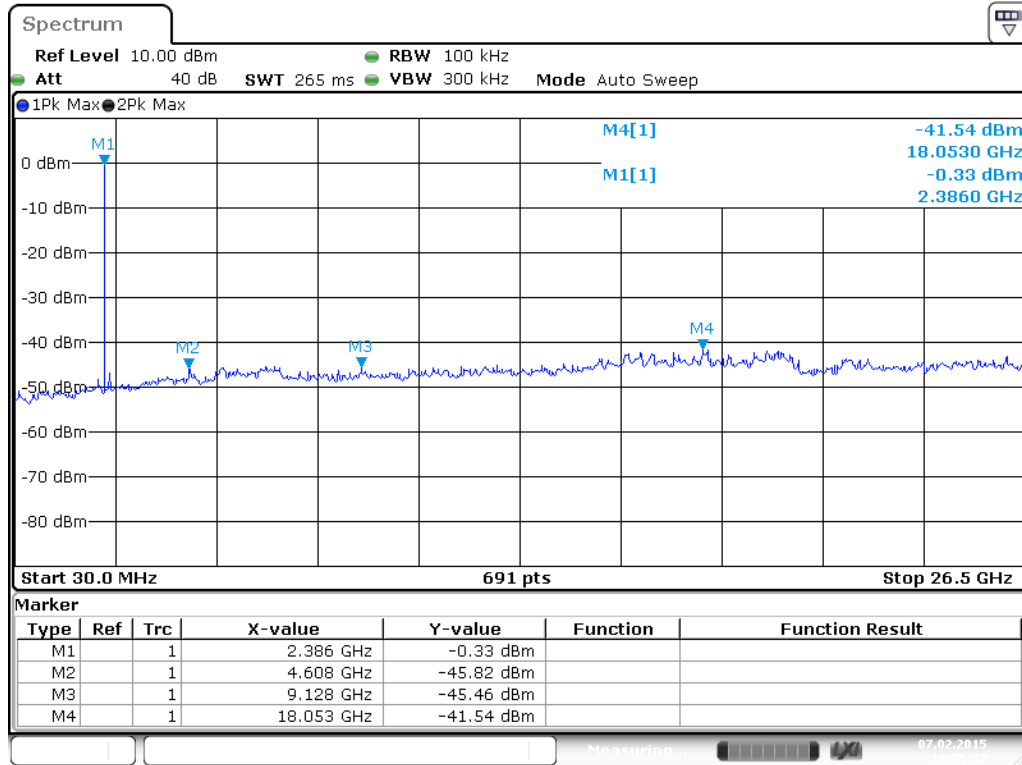
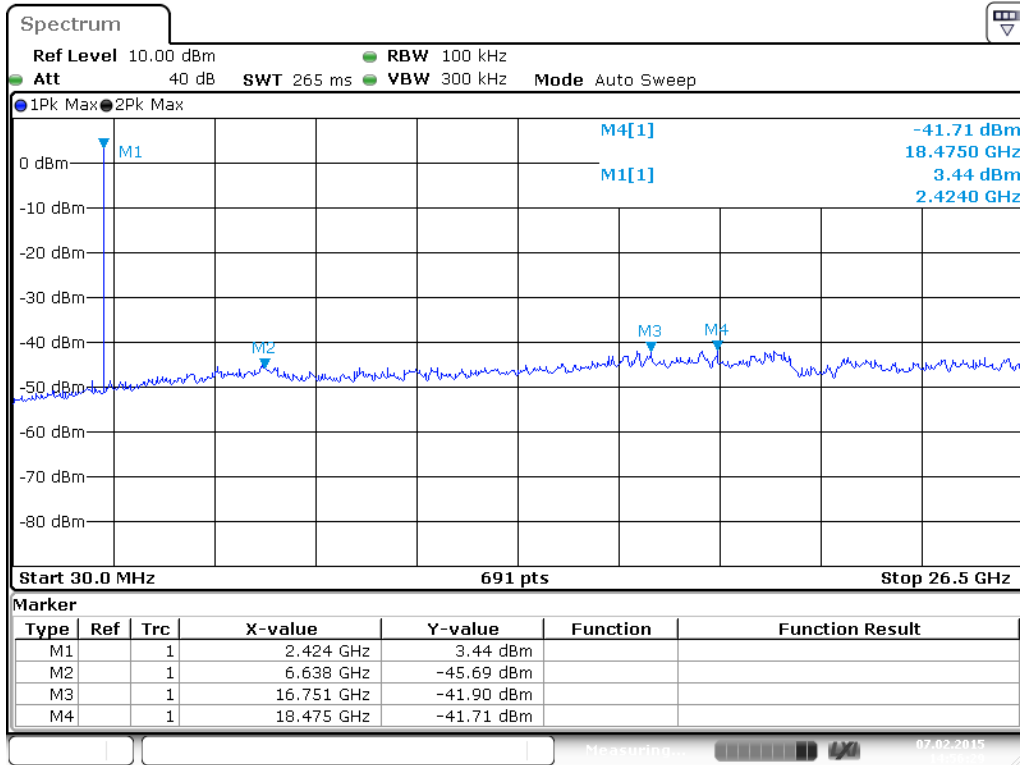


Figure 64: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode B.2



Date: 7.FEB.2015 14:56:30

Figure 65: Test figure of conducted spurious emissions measured in 100kHz Bandwidth, Mode B.3

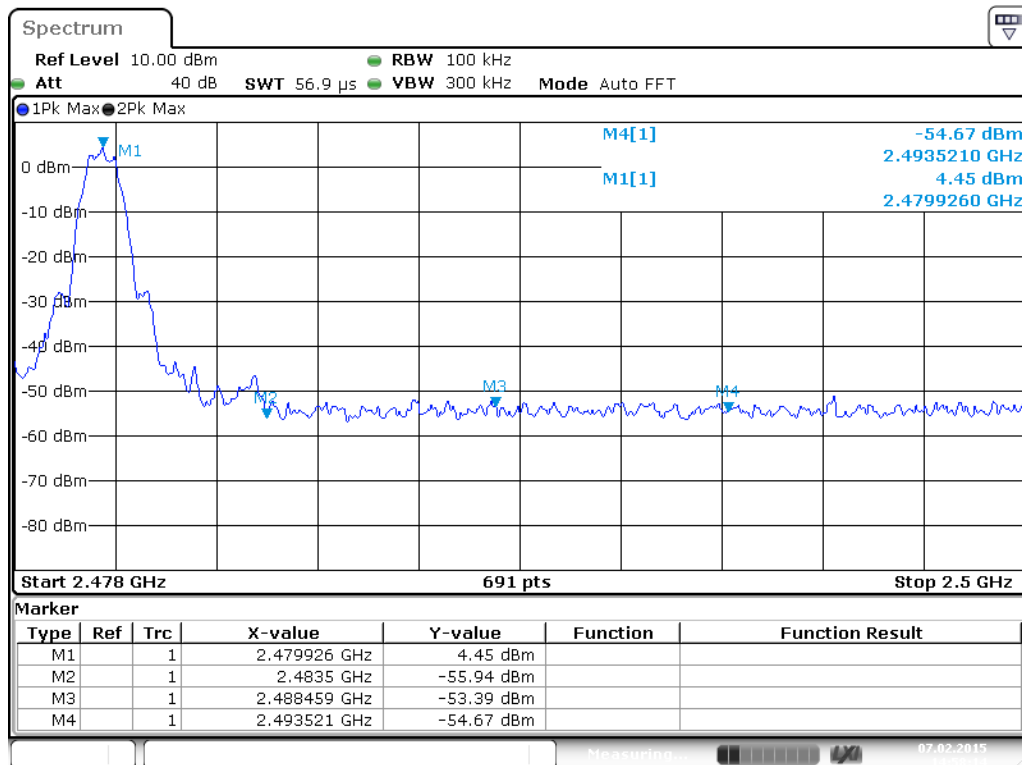
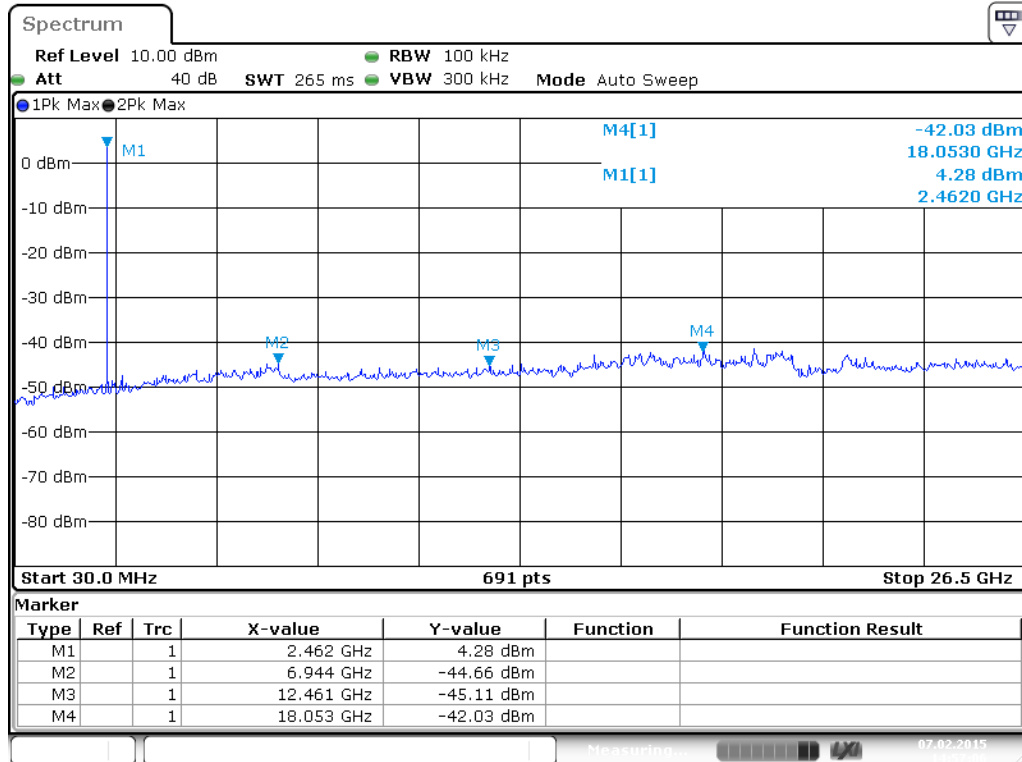


Figure 66: Test figure of Conducted emissions, Mode C, line live

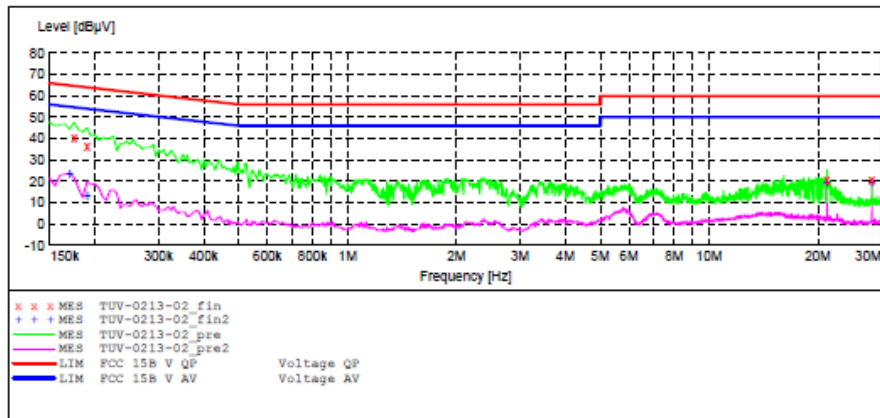
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: CD Playing
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "TUV-0213-02_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.175000	40.10	10.5	65	24.6	QP	L1	GND
0.190000	36.30	10.5	64	27.7	QP	L1	GND
21.175000	20.20	11.4	60	39.8	QP	L1	GND
28.225000	20.20	11.5	60	39.8	QP	L1	GND

MEASUREMENT RESULT: "TUV-0213-02_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.170000	23.40	10.5	55	31.6	AV	L1	GND
0.190000	13.00	10.5	54	41.0	AV	L1	GND
21.175000	19.50	11.4	50	30.5	AV	L1	GND
28.225000	19.70	11.5	50	30.3	AV	L1	GND

Figure 67: Test figure of Conducted emissions, Mode C, line neutral

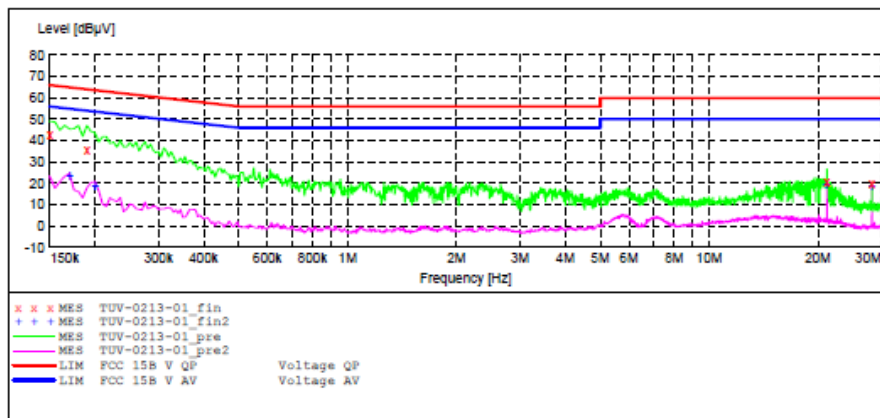
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: CD Playing
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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

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: "TUV-0213-01_fin"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.150000	42.50	10.5	66	23.5	QP	N	GND
0.190000	35.80	10.5	64	28.2	QP	N	GND
21.175000	20.40	11.4	60	39.6	QP	N	GND
28.225000	19.40	11.5	60	40.6	QP	N	GND

MEASUREMENT RESULT: "TUV-0213-01_fin2"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.170000	23.80	10.5	55	31.2	AV	N	GND
0.200000	18.70	10.5	54	34.9	AV	N	GND
21.175000	19.70	11.4	50	30.3	AV	N	GND
28.225000	19.00	11.5	50	31.0	AV	N	GND

Figure 68: Test figure of Conducted emissions, Mode A, line live

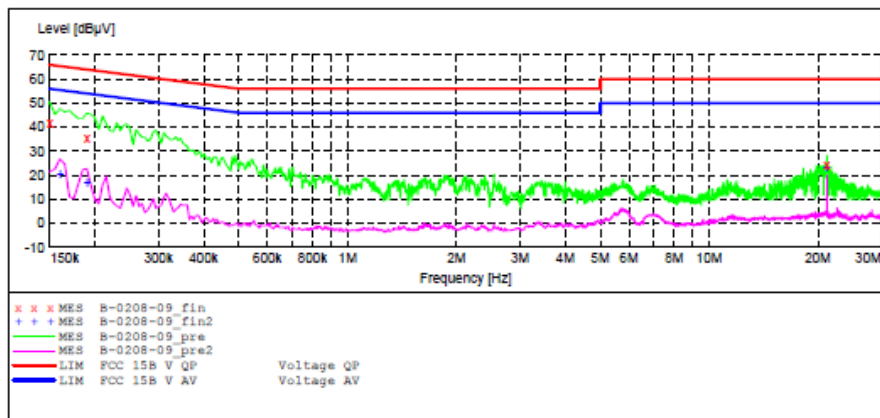
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Bluetooth
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/8/2015 /

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "B-0208-09_fin"

2/8/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	41.90	10.5	66	24.1	QP	L1	GND
0.190000	35.00	10.5	64	29.0	QP	L1	GND
21.175000	23.90	11.4	60	36.1	QP	L1	GND

MEASUREMENT RESULT: "B-0208-09_fin2"

2/8/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.160000	20.70	10.5	56	34.8	AV	L1	GND
0.190000	16.80	10.5	54	37.2	AV	L1	GND
21.175000	23.50	11.4	50	26.5	AV	L1	GND

Figure 69: Test figure of Conducted emissions, Mode A, line neutral

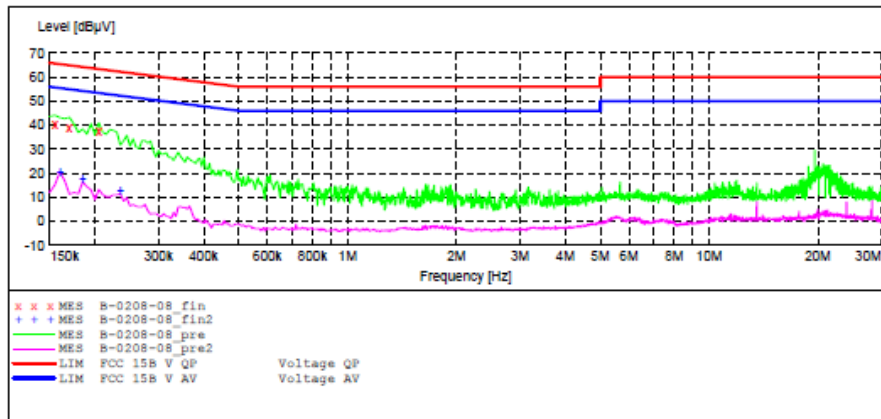
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Bluetooth
 Test Site: 1#Shielding Room
 Operator: LAN
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/8/2015 /

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "B-0208-08_fin"

2/8/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.155000	40.00	10.5	66	25.7	QP	N	GND
0.170000	39.10	10.5	65	25.9	QP	N	GND
0.205000	37.50	10.5	63	25.9	QP	N	GND

MEASUREMENT RESULT: "B-0208-08_fin2"

2/8/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.160000	20.60	10.5	56	34.9	AV	N	GND
0.185000	17.80	10.5	54	36.5	AV	N	GND
0.235000	12.80	10.6	52	39.5	AV	N	GND

Figure 70: Test figure of Conducted emissions, Mode D, line live

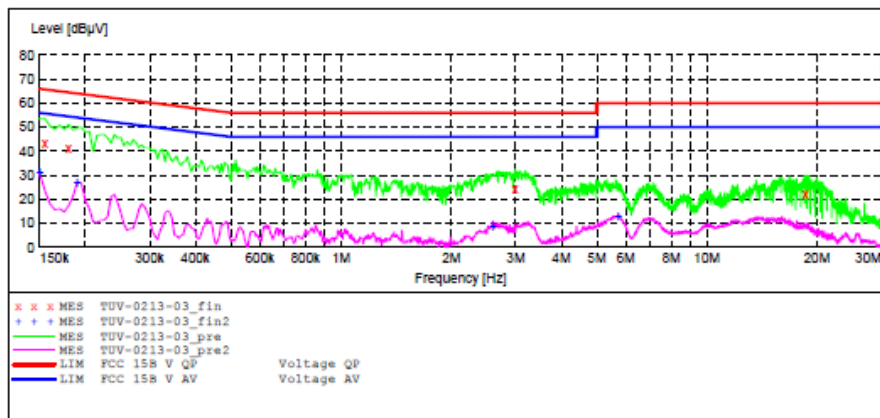
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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

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: "TUV-0213-03_fin"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.155000	43.00	10.5	66	22.7	QP	L1	GND
0.180000	40.90	10.5	65	23.6	QP	L1	GND
2.990000	24.30	11.1	56	31.7	QP	L1	GND
18.550000	22.30	11.4	60	37.7	QP	L1	GND

MEASUREMENT RESULT: "TUV-0213-03_fin2"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.150000	31.60	10.5	56	24.4	AV	L1	GND
0.190000	27.10	10.5	54	26.9	AV	L1	GND
2.600000	8.90	11.0	46	37.1	AV	L1	GND
5.710000	12.70	11.2	50	37.3	AV	L1	GND

Figure 71: Test figure of Conducted emissions, Mode D, line neutral

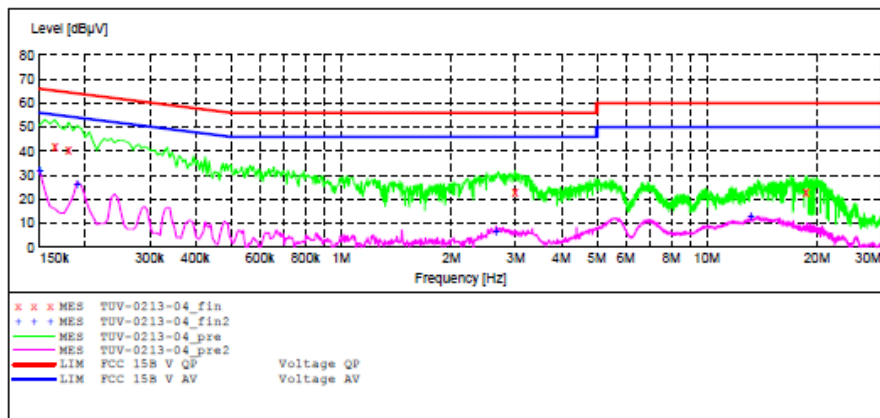
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Aux in
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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 4.5 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008
 Average



MEASUREMENT RESULT: "TUV-0213-04_fin"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.165000	41.70	10.5	65	23.5	QP	N	GND
0.180000	40.10	10.5	65	24.4	QP	N	GND
2.990000	23.20	11.1	56	32.8	QP	N	GND
18.625000	23.20	11.4	60	36.8	QP	N	GND

MEASUREMENT RESULT: "TUV-0213-04_fin2"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	FE
0.150000	31.80	10.5	56	24.2	AV	N	GND
0.190000	26.40	10.5	54	27.6	AV	N	GND
2.650000	7.00	11.0	46	39.0	AV	N	GND
13.200000	13.00	11.3	50	37.0	AV	N	GND

Figure 72: Test figure of Conducted emissions, Mode E, line live

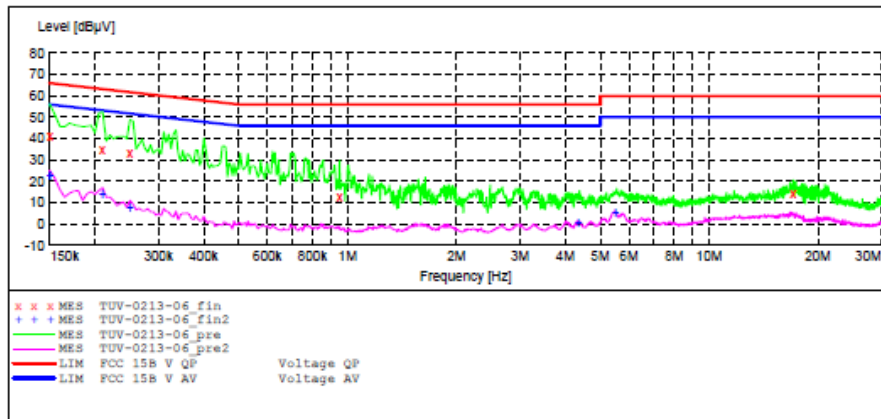
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Radio FM
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: L 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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

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: "TUV-0213-06_fin"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	40.70	10.5	66	25.3	QP	L1	GND
0.210000	34.50	10.5	63	28.7	QP	L1	GND
0.250000	33.10	10.6	62	28.7	QP	L1	GND
0.950000	12.80	10.8	56	43.2	QP	L1	GND
17.075000	14.40	11.4	60	45.6	QP	L1	GND

MEASUREMENT RESULT: "TUV-0213-06_fin2"

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	23.00	10.5	56	33.0	AV	L1	GND
0.210000	14.20	10.5	53	39.0	AV	L1	GND
0.250000	7.70	10.6	52	44.1	AV	L1	GND
4.340000	1.00	11.1	46	45.0	AV	L1	GND
5.510000	5.10	11.2	50	44.9	AV	L1	GND

Figure 73: Test figure of Conducted emissions, Mode E, line neutral

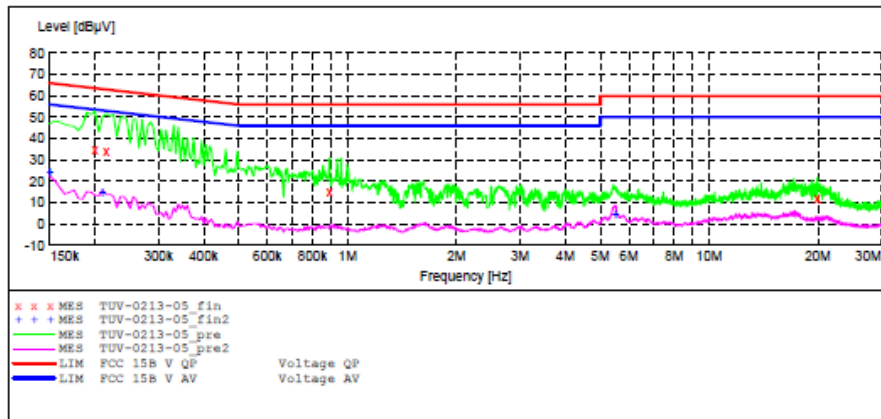
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Boombox Black M/N:NS-CBBTCD01-B
 Manufacturer: Musical
 Operating Condition: Radio FM
 Test Site: 1#Shielding Room
 Operator: LGWADE
 Test Specification: N 120V/60Hz
 Comment: Mains Port
 Start of Test: 2/13/2015 /

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

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: "TUV-0213-05_fin"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200000	35.00	10.5	64	28.6	QP	N	GND
0.215000	34.10	10.5	63	28.9	QP	N	GND
0.890000	14.70	10.8	56	41.3	QP	N	GND
19.925000	12.00	11.4	60	48.0	QP	N	GND

MEASUREMENT RESULT: "TUV-0213-05_fin2"

2/13/2015

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.150000	24.20	10.5	56	31.8	AV	N	GND
0.210000	14.60	10.5	53	38.6	AV	N	GND
5.510000	4.60	11.2	50	45.4	AV	N	GND

Figure 74: Test figure of Radiated emissions, Mode C, Below 1GHz, Horizontal



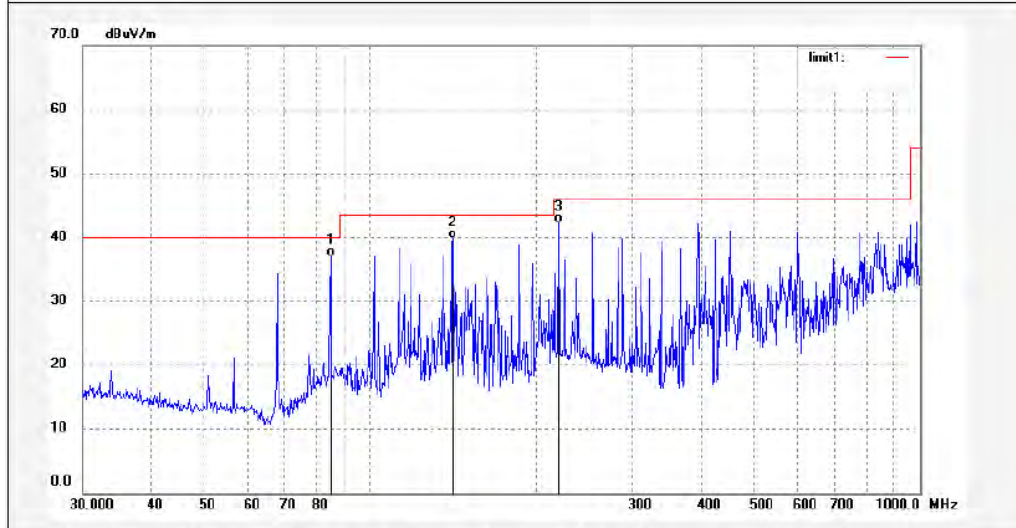
ACCURATE TECHNOLOGY CO., LTD.

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.: LGW2015 #165	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: CD Playing	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	84.7018	52.43	-15.45	36.98	40.00	-3.02	QP			
2	141.3298	55.08	-15.24	39.84	43.50	-3.66	QP			
3	219.8447	53.99	-11.71	42.28	46.00	-3.72	QP			

Figure 75: Test figure of Radiated emissions, Mode C, Below 1GHz, Vertical

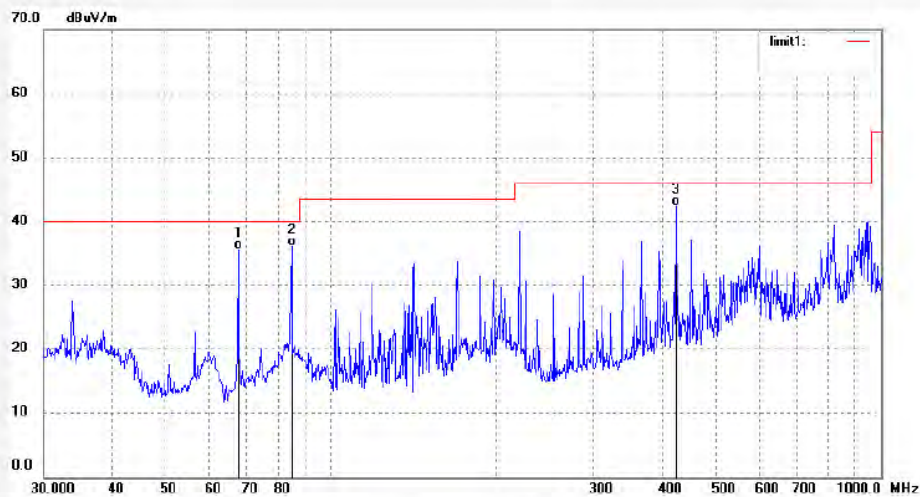


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #166	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: CD Playing	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: MusicalMusical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	67.6751	51.60	-15.93	35.67	40.00	-4.33	QP			
2	84.7019	51.61	-15.45	36.16	40.00	-3.84	QP			
3	423.5403	48.68	-6.16	42.52	46.00	-3.48	QP			

Figure 76: Test figure of Radiated emissions, Mode C, Above 1GHz, Horizontal

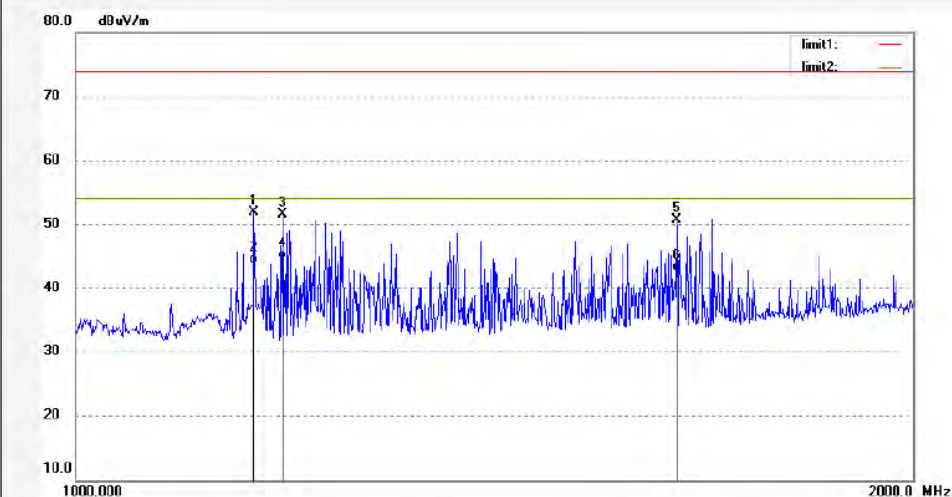


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #184	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: CD Playing	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1159.096	64.33	-12.50	51.83	74.00	-22.17	peak			
2	1159.096	56.33	-12.50	43.83	54.00	-10.17	AVG			
3	1186.737	64.01	-12.51	51.50	74.00	-22.50	peak			
4	1186.737	57.01	-12.51	44.50	54.00	-9.50	AVG			
5	1644.900	61.41	-10.80	50.61	74.00	-23.39	peak			

Figure 77: Test figure of Radiated emissions, Mode C, Above 1GHz, Vertical

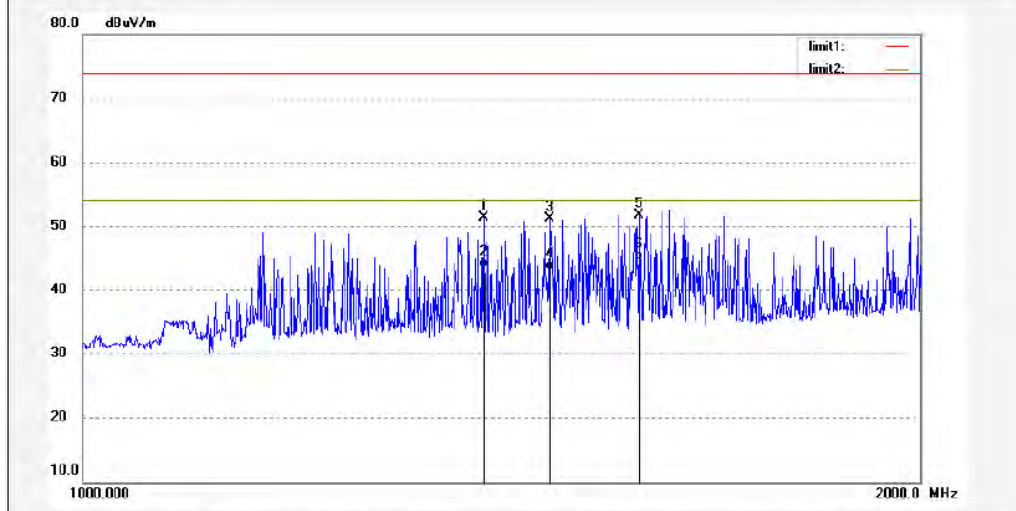


ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: LGW2015 #183	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: CD Playing	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1393.777	63.26	-11.83	51.43	74.00	-22.57	peak			
2	1393.777	55.26	-11.83	43.43	54.00	-10.57	AVG			
3	1472.227	62.81	-11.56	51.25	74.00	-22.75	peak			
4	1472.227	54.81	-11.56	43.25	54.00	-10.75	AVG			
5	1584.470	62.84	-11.06	51.78	74.00	-22.22	peak			

Figure 78: Test figure of Radiated emissions, Mode D, Below 1GHz, Horizontal

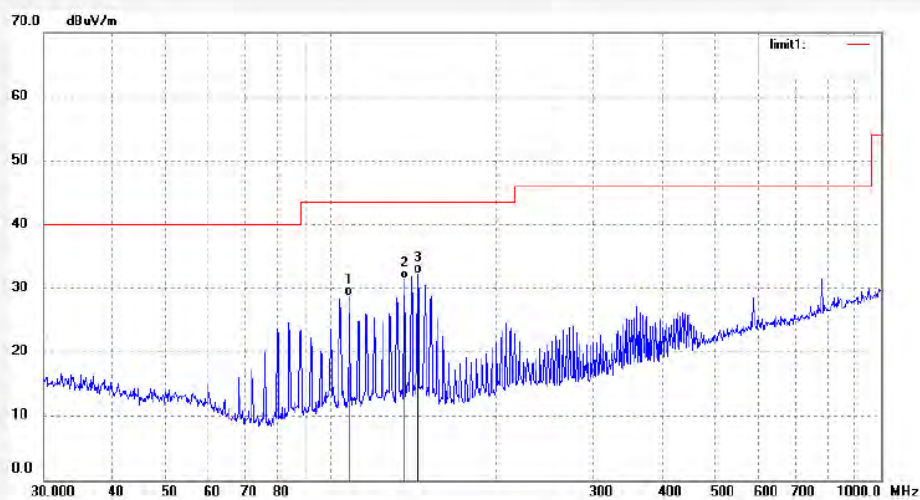


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Job No.: LGW2015 #168	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: Aux in	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	107.8877	42.77	-13.92	28.85	43.50	-14.65	QP			
2	135.9822	45.72	-14.31	31.41	43.50	-12.09	QP			
3	143.8295	47.54	-15.23	32.31	43.50	-11.19	QP			

Figure 79: Test figure of Radiated emissions, Mode D, Below 1GHz, Vertical

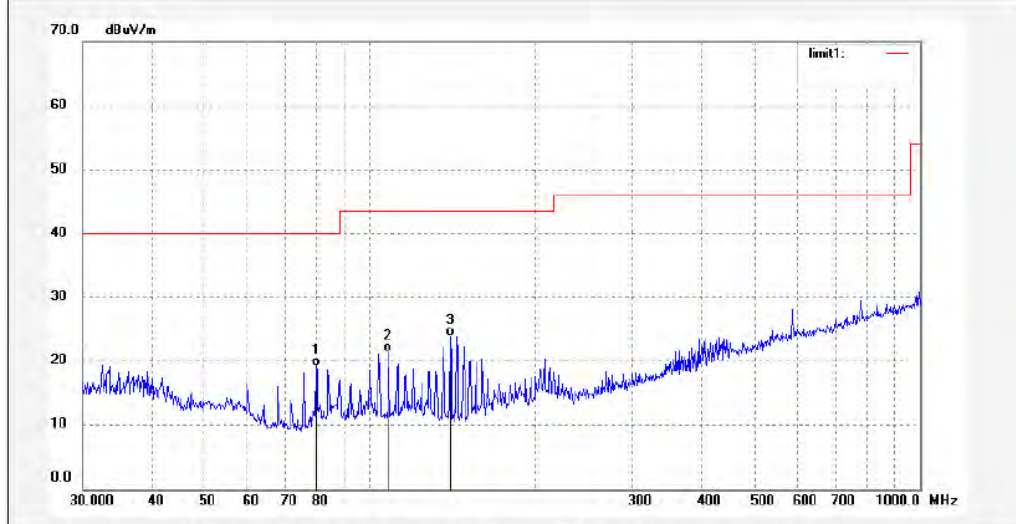


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Job No.: LGW2015 #167	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: Aux in	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	79.8003	35.78	-16.53	19.25	40.00	-20.75	QP			
2	107.8877	35.40	-13.92	21.48	43.50	-22.02	QP			
3	139.8508	39.17	-15.20	23.97	43.50	-19.53	QP			

Figure 80: Test figure of Radiated emissions, Mode D, Above 1GHz, Horizontal

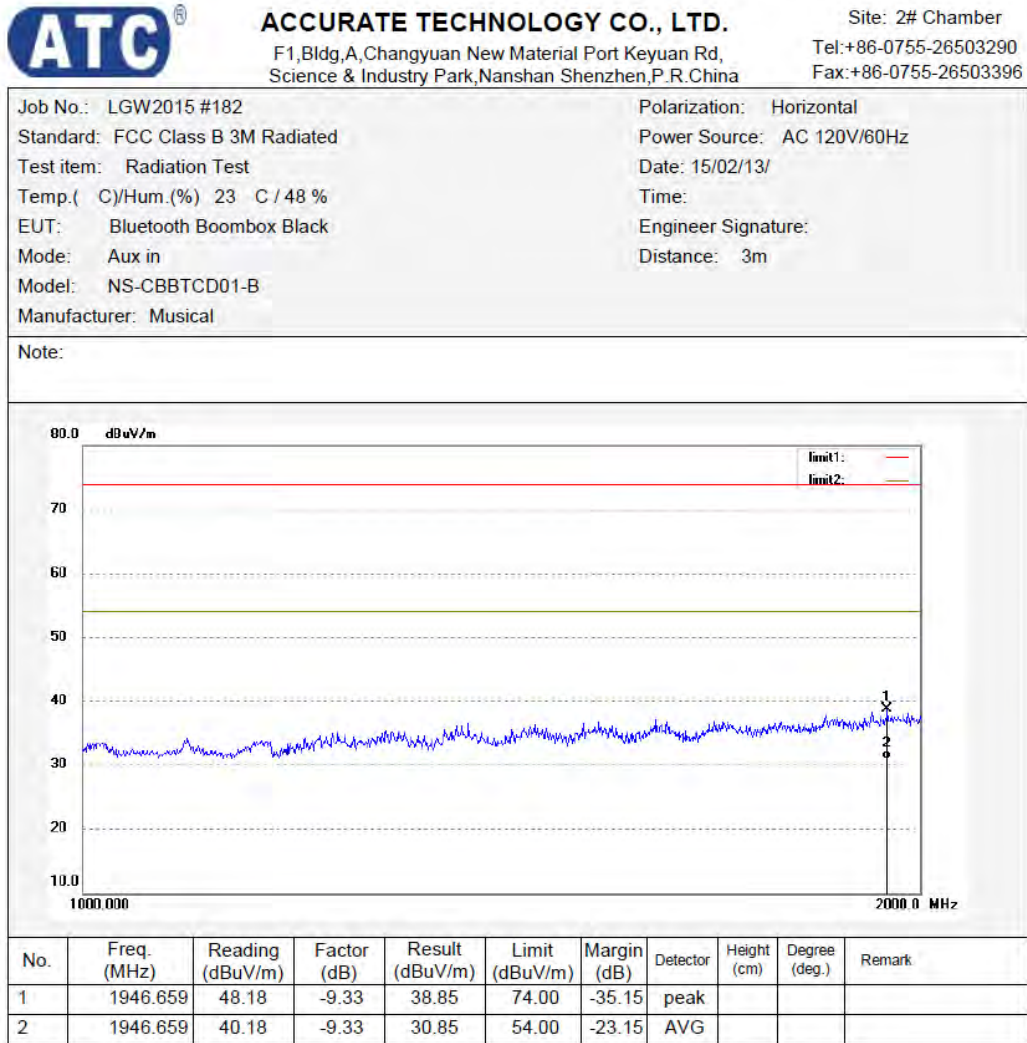


Figure 81: Test figure of Radiated emissions, Mode D, Above 1GHz, Vertical

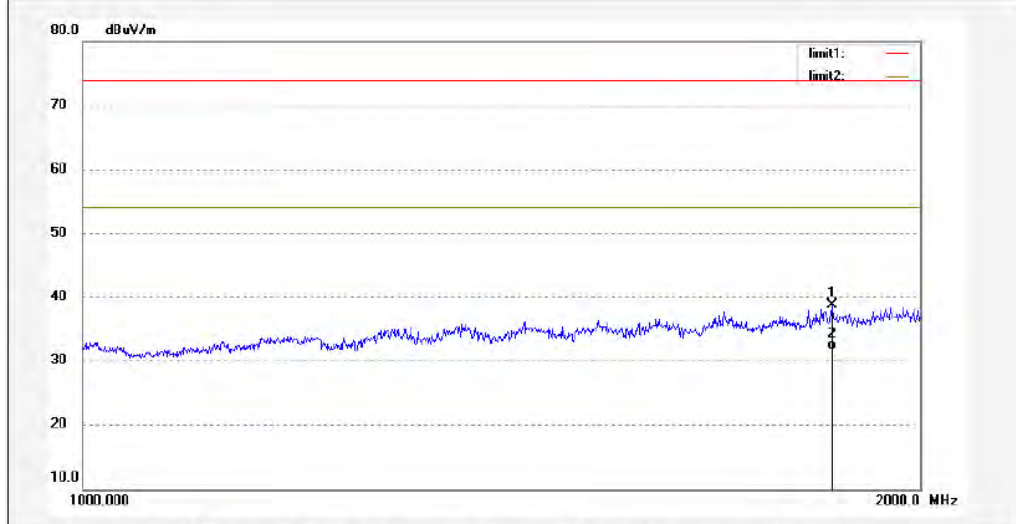


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Job No.: LGW2015 #181	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: Aux in	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1859.610	48.31	-9.57	38.74	74.00	-35.26	peak			
2	1859.610	41.31	-9.57	31.74	54.00	-22.26	AVG			

Figure 82: Test figure of Radiated emissions, Mode E, Below 1GHz, Horizontal, low channel



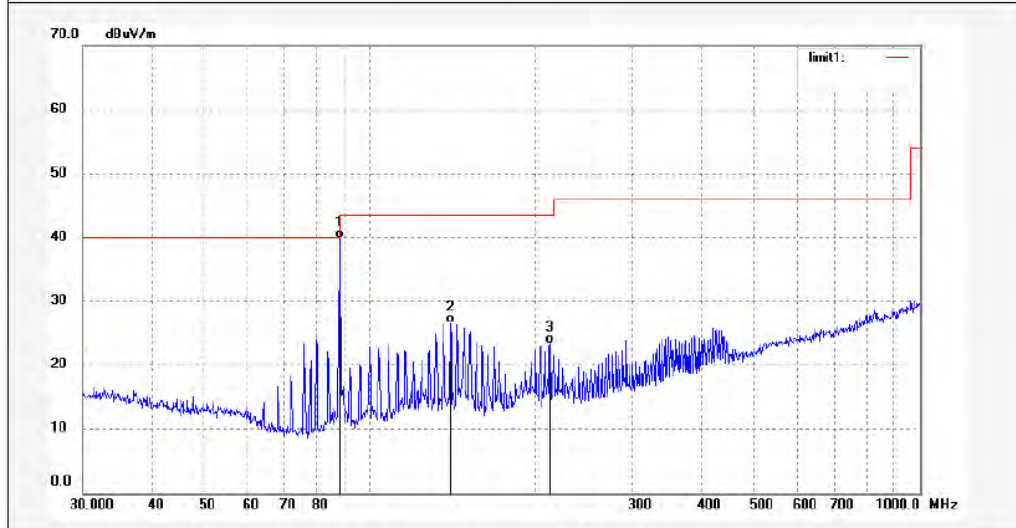
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Job No.: LGW2015 #173	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 88.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	88.0327	55.01	-15.19	39.82	43.50	-3.68	QP			
2	139.8508	41.78	-15.20	26.58	43.50	-16.92	QP			
3	212.2695	35.40	-12.04	23.36	43.50	-20.14	QP			

Figure 83: Test figure of Radiated emissions, Mode E, Below 1GHz, Vertical, low channel

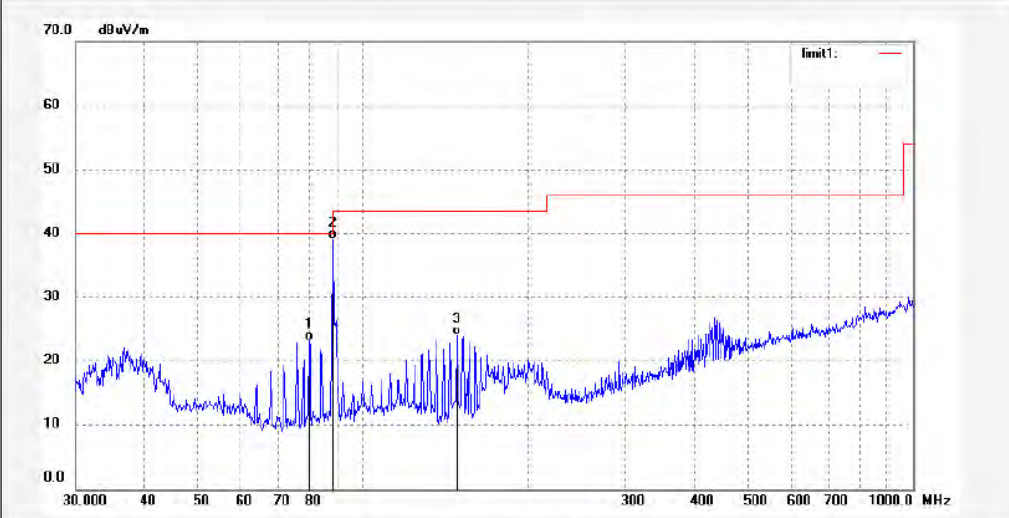


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Job No.: LGW2015 #174	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 88.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	79.8003	39.77	-16.52	23.25	40.00	-16.75	QP			
2	88.0327	54.31	-15.19	39.12	43.50	-4.38	QP			
3	147.9214	39.30	-15.19	24.11	43.50	-19.39	QP			

Figure 84: Test figure of Radiated emissions, Mode E, Above 1GHz, Horizontal, low channel

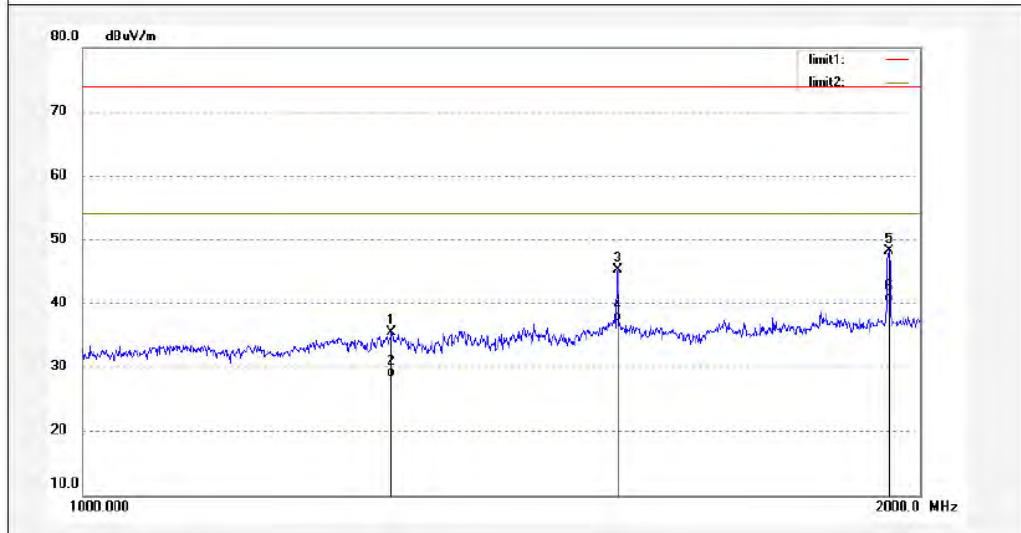


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Job No.: LGW2015 #175	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 88.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1291.457	47.68	-12.22	35.46	74.00	-38.54	peak			
2	1291.457	40.68	-12.22	28.46	54.00	-25.54	AVG			
3	1557.249	56.20	-11.00	45.20	74.00	-28.80	peak			
4	1557.249	48.20	-11.00	37.20	54.00	-16.80	AVG			
5	1949.359	57.53	-9.31	48.22	74.00	-25.78	peak			
6	1949.359	49.53	-9.31	40.22	54.00	-13.78	AVG			

Figure 85: Test figure of Radiated emissions, Mode E, Above 1GHz, Vertical, low channel

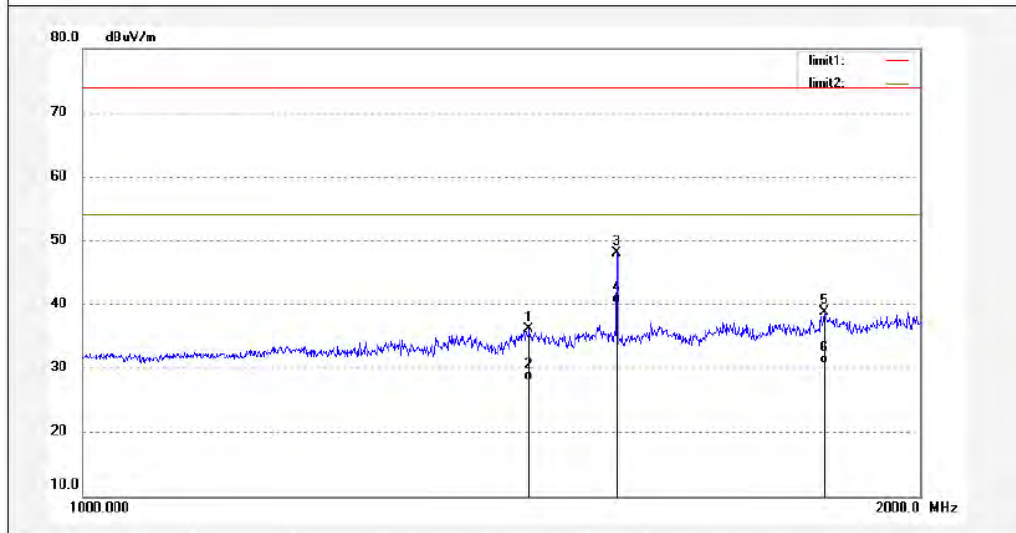


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Job No.: LGW2015 #176	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 88.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1446.935	47.70	-11.62	36.08	74.00	-37.92	peak			
2	1446.935	39.70	-11.62	28.08	54.00	-25.92	AVG			
3	1556.170	59.14	-11.00	48.14	74.00	-25.86	peak			
4	1556.170	51.14	-11.00	40.14	54.00	-13.86	AVG			
5	1848.045	48.25	-9.55	38.70	74.00	-35.30	peak			
6	1848.045	40.25	-9.55	30.70	54.00	-23.30	AVG			

Figure 86: Test figure of Radiated emissions, Mode E, Below 1GHz, Horizontal, middle channel

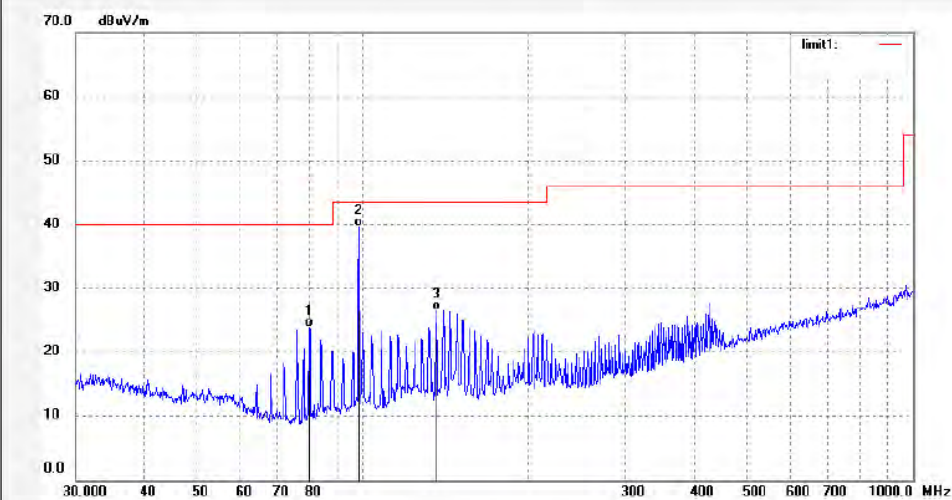


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Job No.: LGW2015 #172	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 98.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	79.8003	40.39	-16.53	23.86	40.00	-16.14	QP			
2	98.1419	53.34	-13.75	39.59	43.50	-3.91	QP			
3	135.9822	40.80	-14.31	26.49	43.50	-17.01	QP			

Figure 87: Test figure of Radiated emissions, Mode E, Below 1GHz, Vertical, middle channel

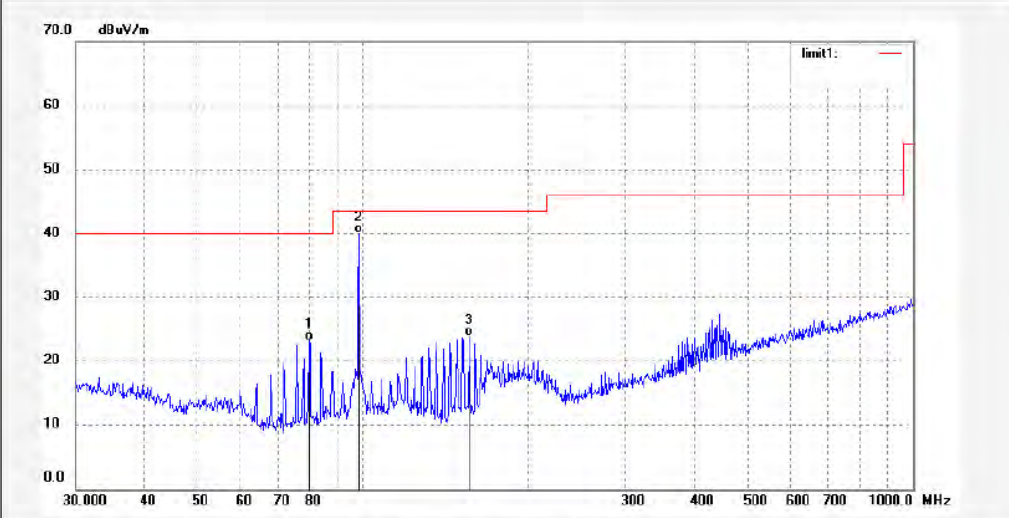


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Job No.: LGW2015 #171	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 98.1MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	79.8003	39.67	-16.52	23.15	40.00	-16.85	QP			
2	98.1419	53.80	-13.75	40.05	43.50	-3.45	QP			
3	155.9101	38.85	-15.00	23.85	43.50	-19.65	QP			

Figure 88: Test figure of Radiated emissions, Mode E, Above 1GHz, Horizontal, middle channel

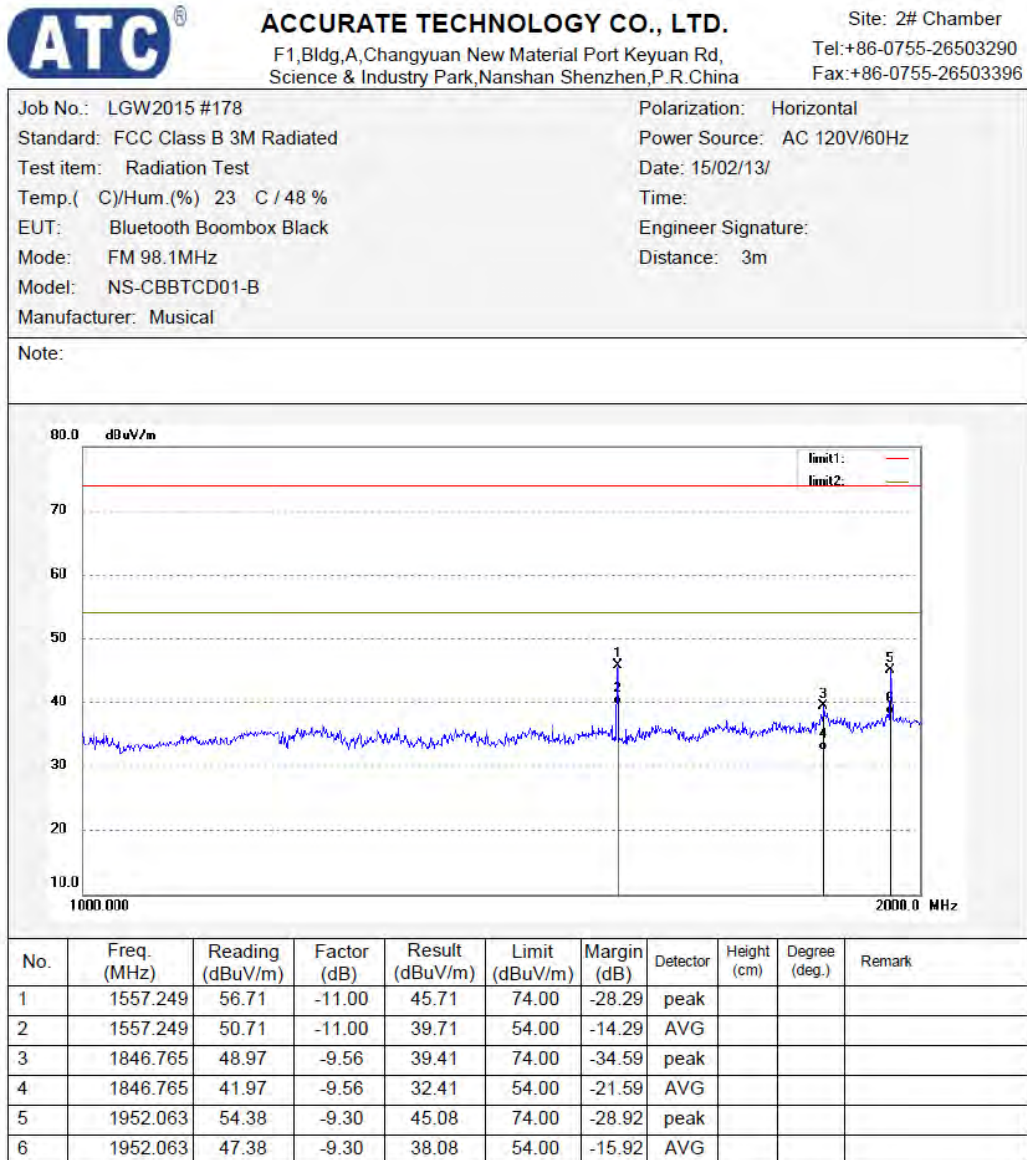


Figure 89: Test figure of Radiated emissions, Mode E, Above 1GHz, Vertical, middle channel

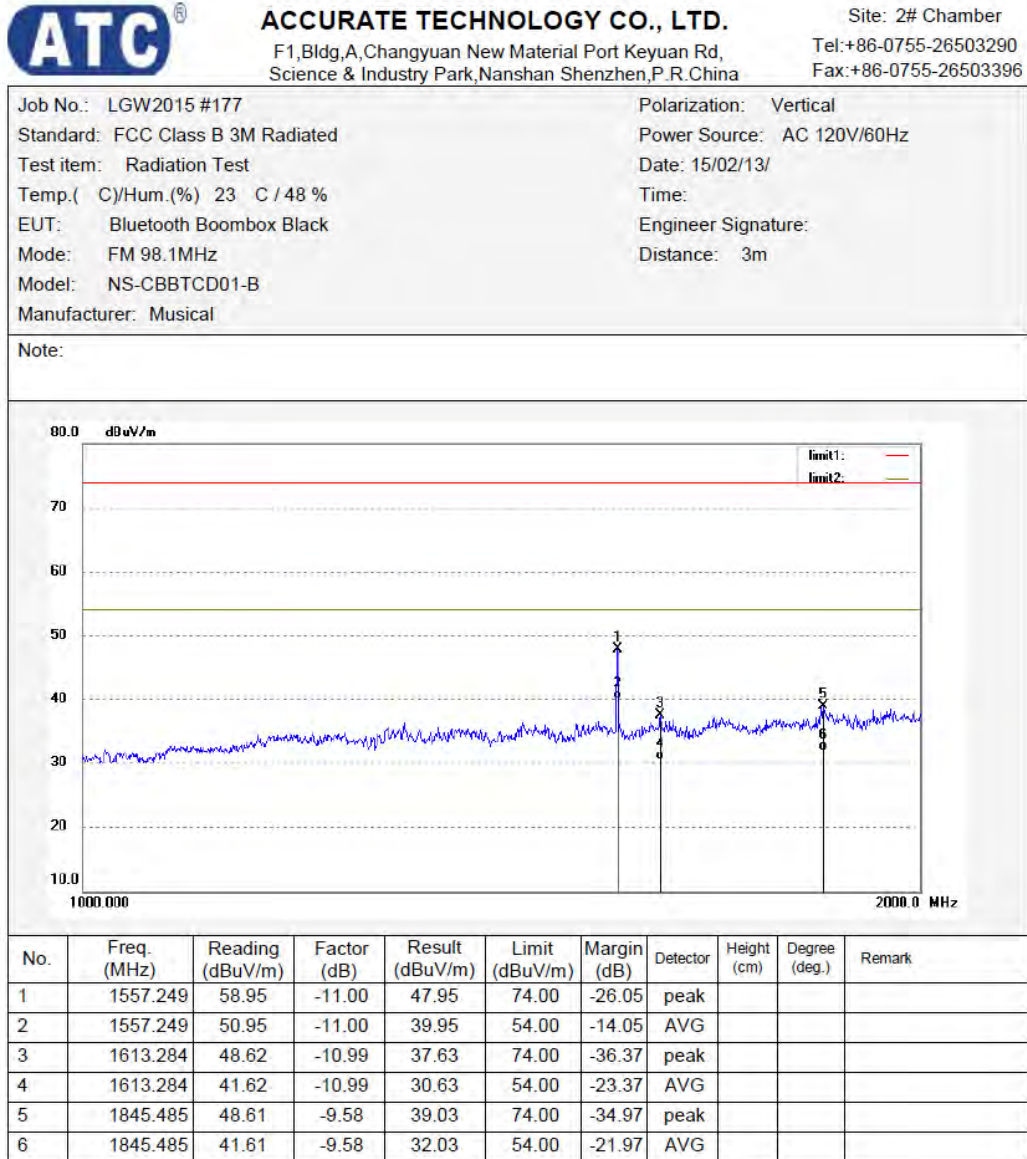


Figure 90: Test figure of Radiated emissions, Mode E, Below 1GHz, Horizontal, high channel

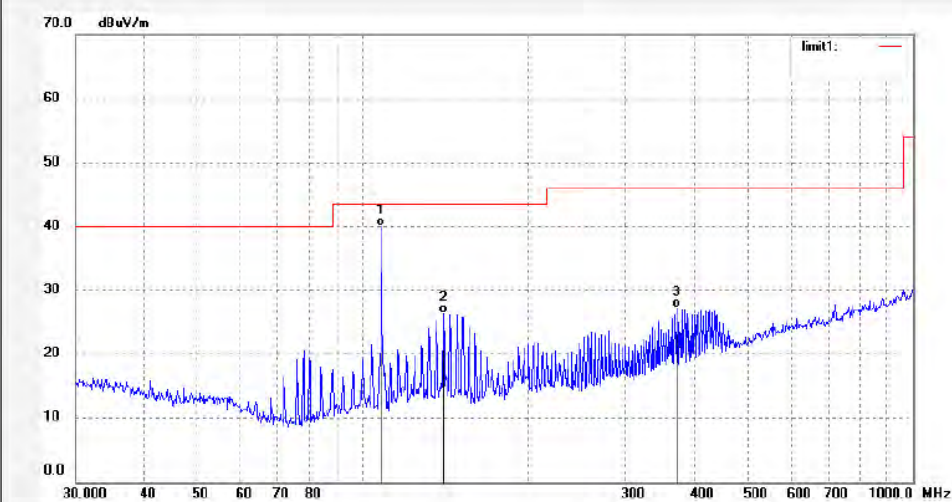


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Job No.: LGW2015 #169	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 107.9MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	107.8876	53.88	-13.92	39.96	43.50	-3.54	QP			
2	139.8508	41.49	-15.20	26.29	43.50	-17.21	QP			
3	372.0045	34.61	-7.48	27.13	46.00	-18.87	QP			

Figure 91: Test figure of Radiated emissions, Mode E, Below 1GHz, Vertical, high channel

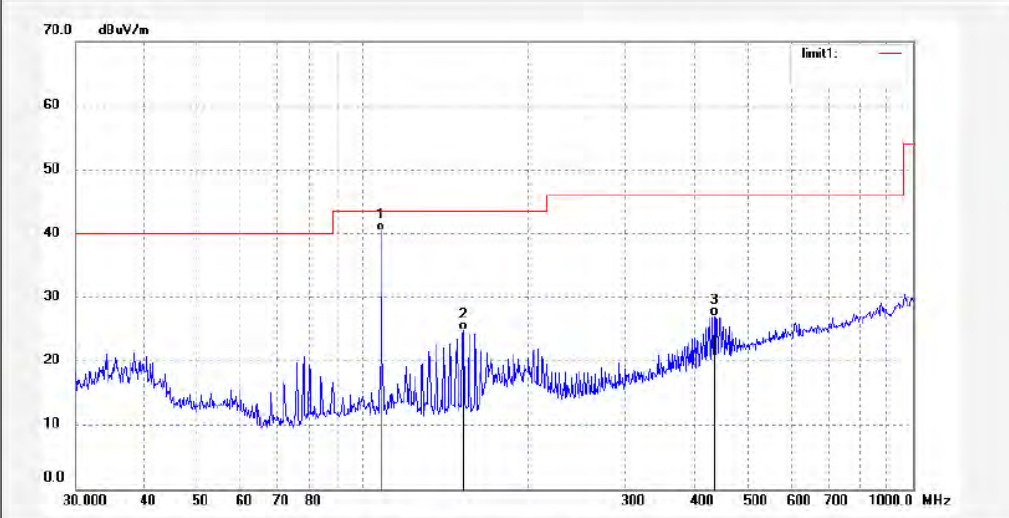


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Job No.: LGW2015 #170	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/13/
Temp.(C)/Hum.(%) 23 C / 48 %	Time:
EUT: Bluetooth Boombox Black	Engineer Signature:
Mode: FM 107.9MHz	Distance: 3m
Model: NS-CBBTCD01-B	
Manufacturer: Musical	

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	107.8877	54.20	-13.92	40.28	43.50	-3.22	QP			
2	152.1297	39.82	-15.14	24.68	43.50	-18.82	QP			
3	435.5898	32.89	-5.93	26.96	46.00	-19.04	QP			

Figure 92: Test figure of Radiated emissions, Mode E, Above 1GHz, Horizontal, high channel

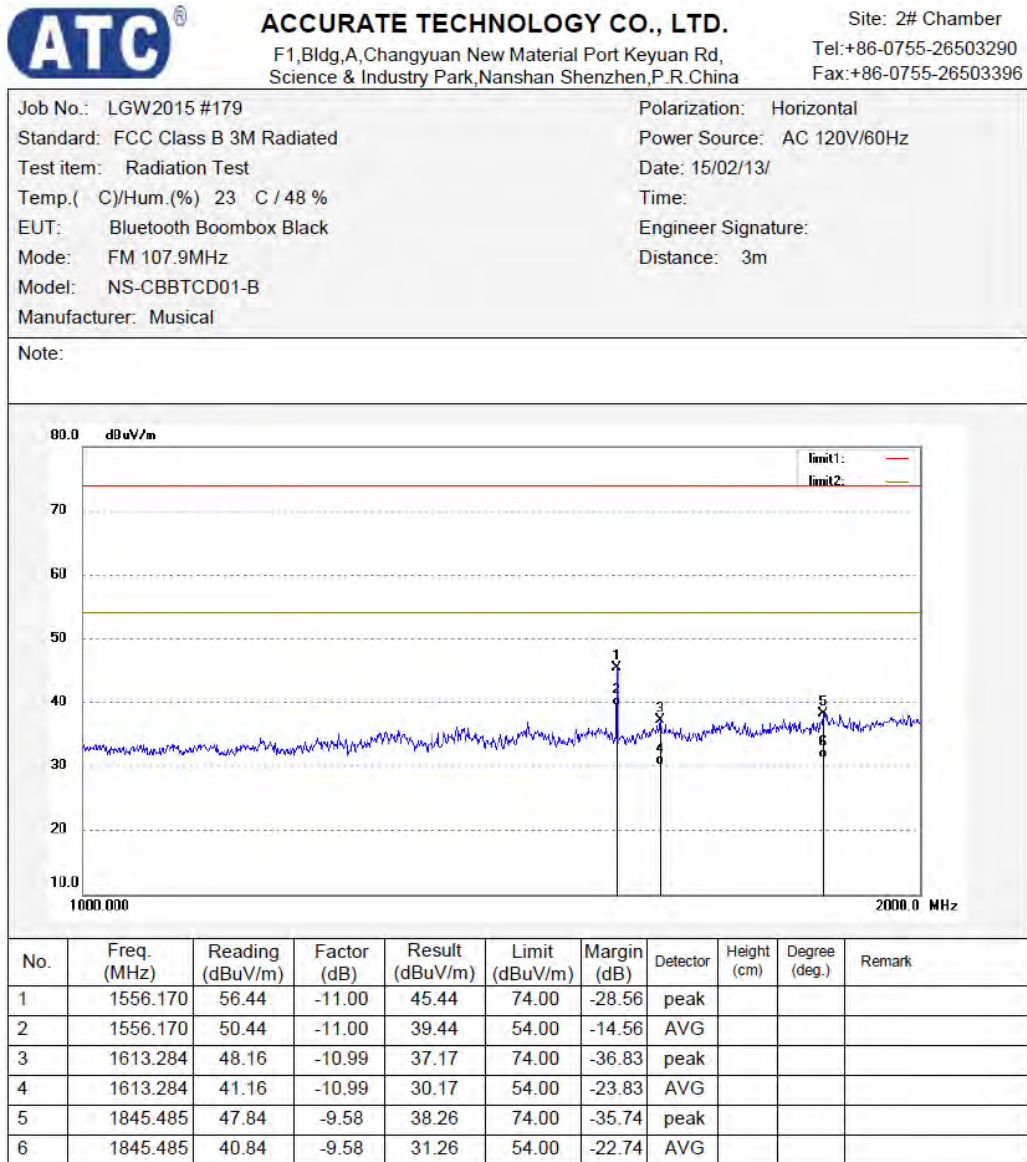


Figure 93: Test figure of Radiated emissions, Mode E, Above 1GHz, Vertical, high channel

