Test Report No.10043715 001

Appendix D: Radiated and Mains Spurious Emission Data

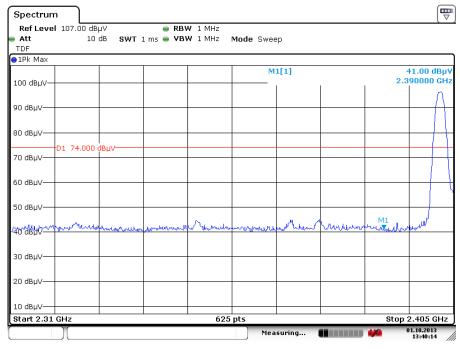
(File: 10043715AppendixD)

Contents

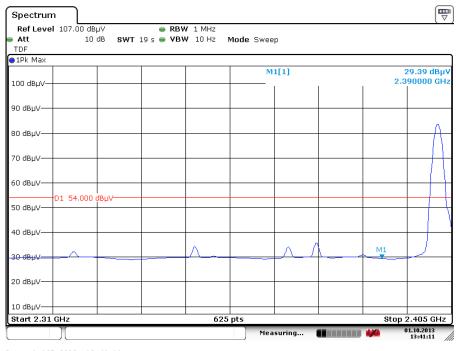
Spurious Emissions, Band Edges, 2.35-2.5G	2
Spurious Emissions, TX Mode, 1-18G	
Spurious Emissions, TX Mode, 18-26G	22
Spurious Emissions, TX Mode, 30M-1G	34
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Radiated Bandedge (GFSK)

Low Channel (Hor)

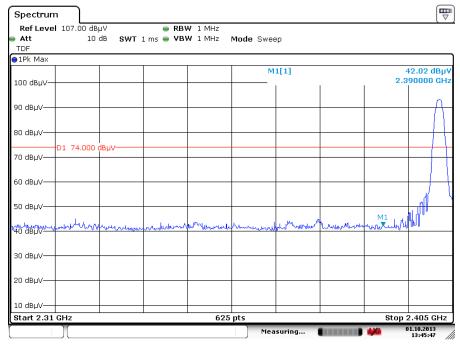


Date: 1.0CT.2013 13:40:15

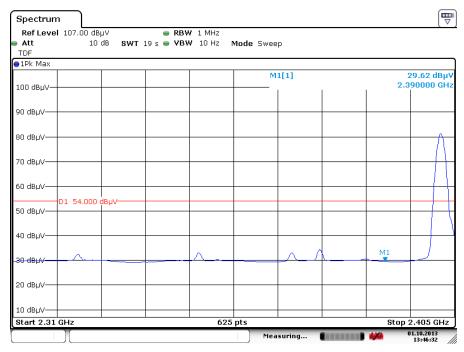


Date: 1.0CT.2013 13:41:11

Low Channel (Ver)



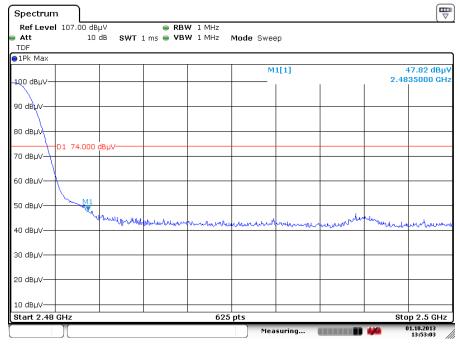
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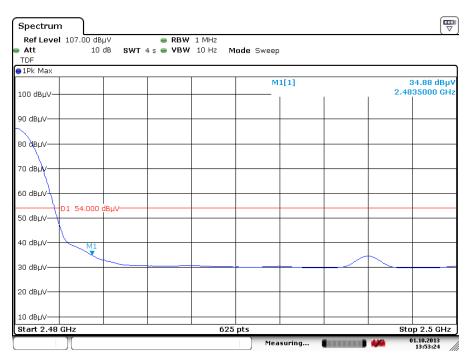
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Radiated Bandedge (GFSK)

High Channel (Hor)

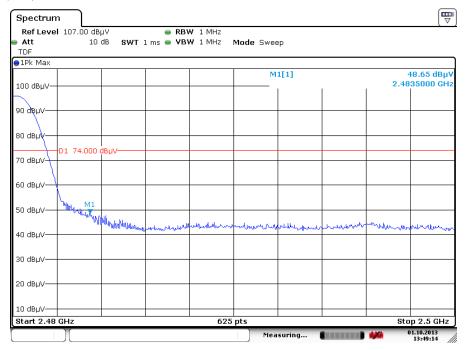


Date: 1.0CT.2013 13:53:04

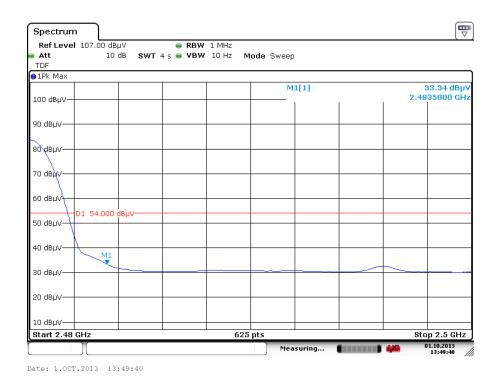


Date: 1.0CT.2013 13:53:25

High Channel (Ver)

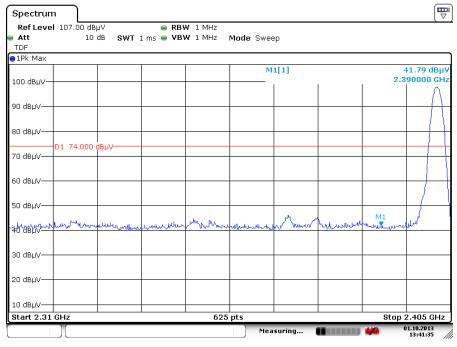


Date: 1.0CT.2013 13:49:15

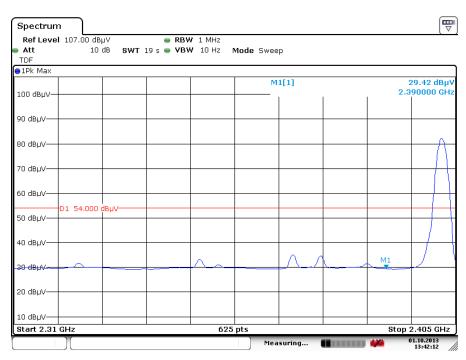


Radiated Bandedge (8DPSK)

Low Channel (Hor)

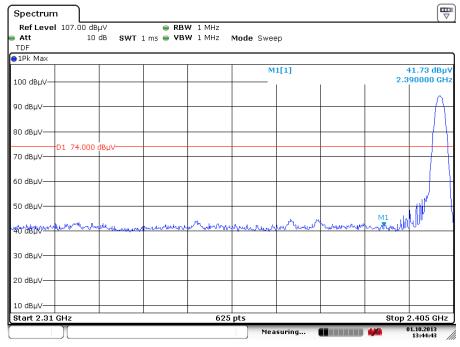


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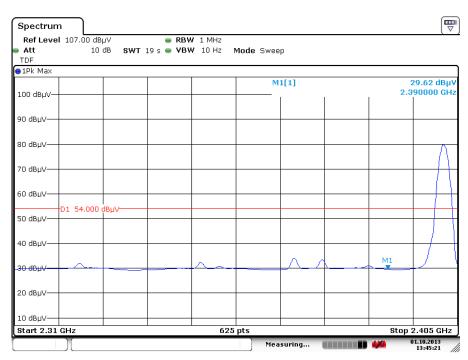


Date: 1.0CT.2013 13:42:12

Low Channel (Ver)



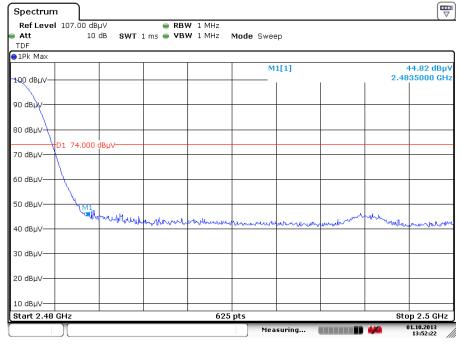
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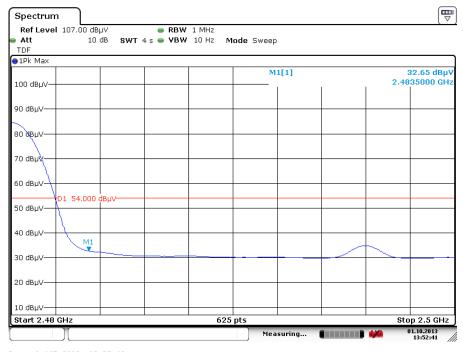
Date: 1.0CT.2013 13:45:22

Radiated Bandedge (8DPSK)

High Channel (Hor)

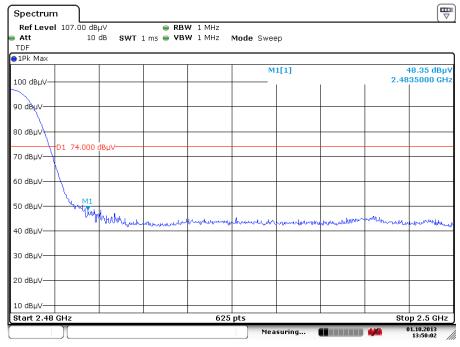


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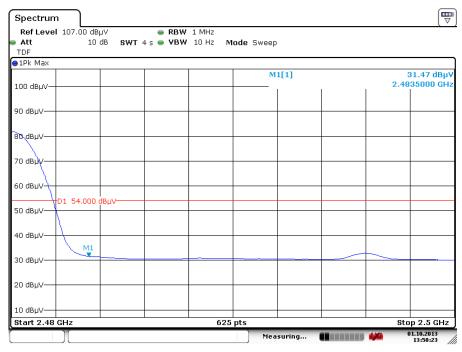


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High Channel (Ver)



Date: 1.0CT.2013 13:50:03

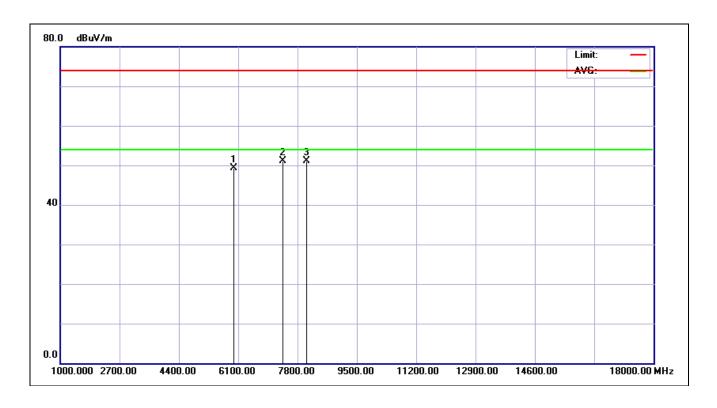


Date: 1.0CT.2013 13:50:23



11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

Tel:+886-2172-7000 fax:+886-2528-0018



Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:09:38

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

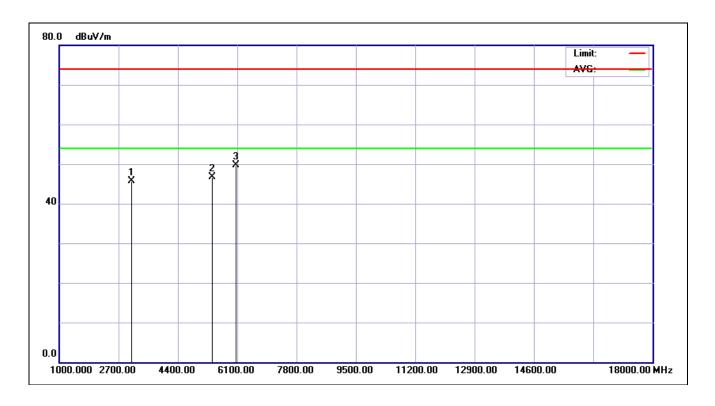
Test Mode: BT-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(°)	
1	5985.577	3.58	45.80	49.38	74.00	-24.62	peak	100	234	
2	7375.000	5.90	45.11	51.01	74.00	-22.99	peak	100	152	
3	8056.090	6.04	45.07	51.11	74.00	-22.89	peak	100	359	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:10:40

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

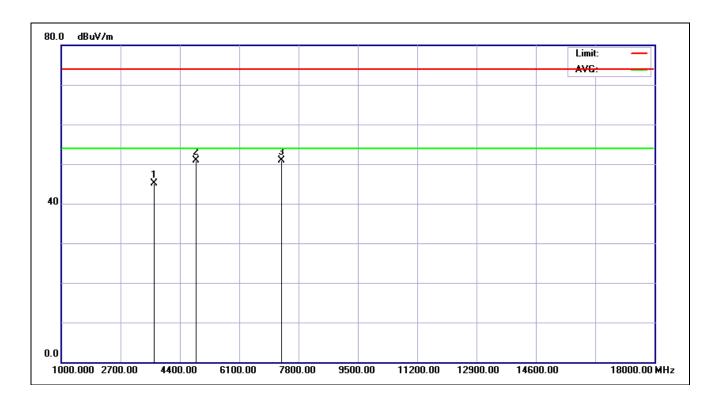
Test Mode: BT-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3070.513	-6.42	52.13	45.71	74.00	-28.29	peak	100	315	
2	5386.218	-0.33	47.00	46.67	74.00	-27.33	peak	100	216	
3	6067.308	3.91	45.84	49.75	74.00	-24.25	peak	100	24	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:12:23

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

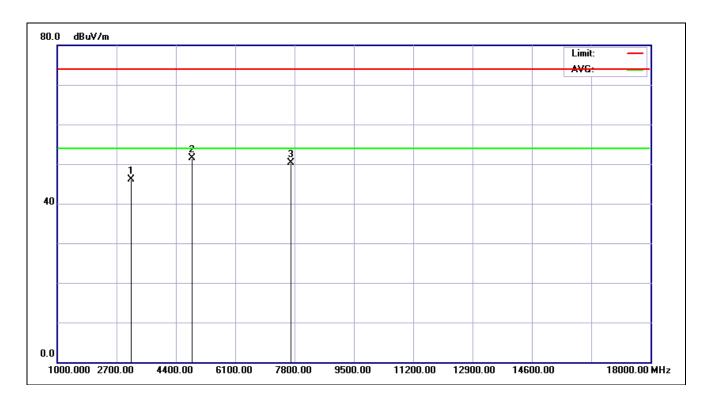
Test Mode: BT-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3669.872	-5.74	50.84	45.10	74.00	-28.90	peak	100	103	
2	4868.590	-2.57	53.47	50.90	74.00	-23.10	peak	100	255	
3	7320.513	5.74	45.24	50.98	74.00	-23.02	peak	100	279	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:13:25

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

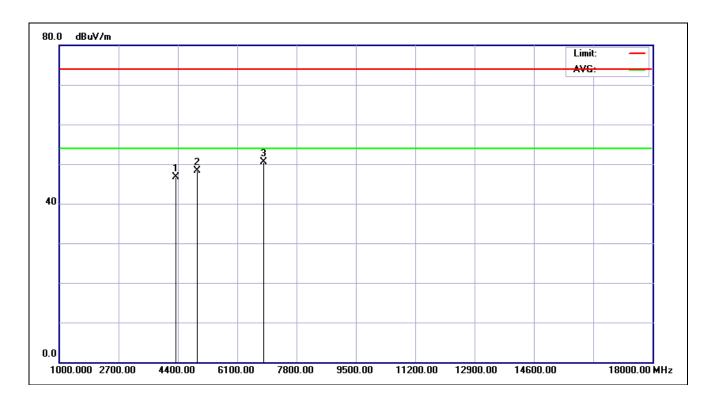
Test Mode: BT-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3125.000	-6.35	52.43	46.08	74.00	-27.92	peak	100	206	
2	4868.590	-2.57	53.98	51.41	74.00	-22.59	peak	100	267	
3	7701.923	6.15	44.24	50.39	74.00	-23.61	peak	100	243	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:15:08

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

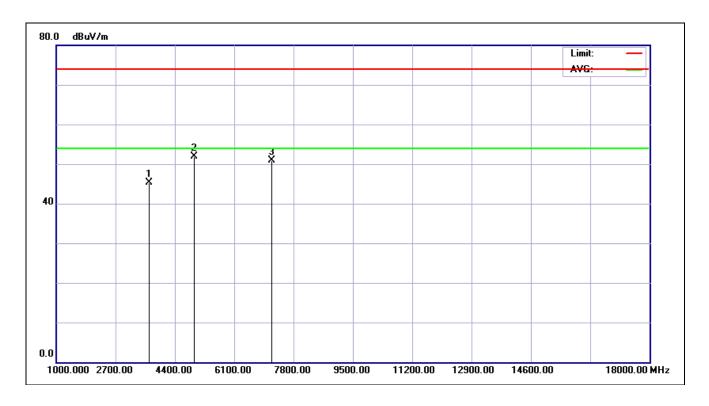
Test Mode: BT-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	4350.962	-4.12	50.90	46.78	74.00	-27.22	peak	100	320	
2	4950.320	-2.36	50.68	48.32	74.00	-25.68	peak	100	288	
3	6857.372	5.01	45.57	50.58	74.00	-23.42	peak	100	266	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:16:10

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

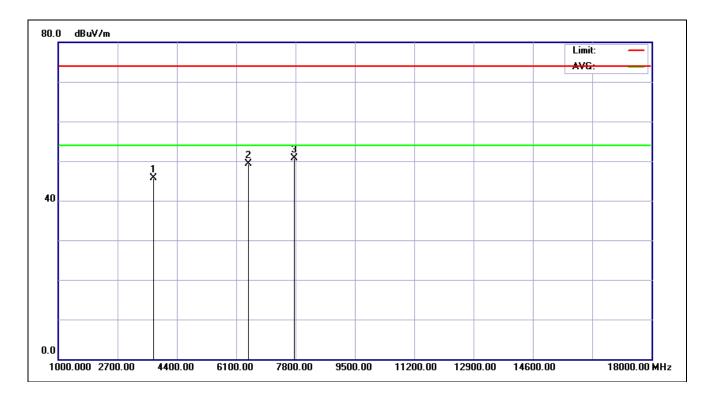
Test Mode: BT-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3669.872	-5.74	50.99	45.25	74.00	-28.75	peak	100	1	
2	4950.320	-2.36	54.21	51.85	74.00	-22.15	peak	100	268	
3	7184.295	5.36	45.57	50.93	74.00	-23.07	peak	100	153	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:18:04

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

Test Mode: EDR-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3724.359	-5.69	51.42	45.73	74.00	-28.27	peak	100	242	
2	6448.718	5.26	44.12	49.38	74.00	-24.62	peak	100	60	
3	7756.410	6.11	44.53	50.64	74.00	-23.36	peak	100	360	

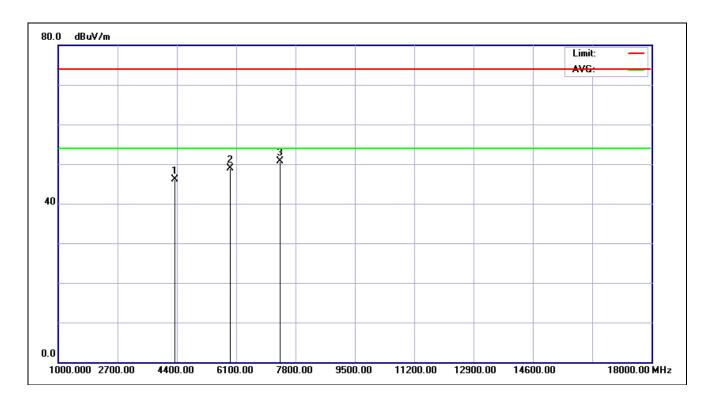


TÜVRheinland

TUV Taiwan

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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:19:05

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

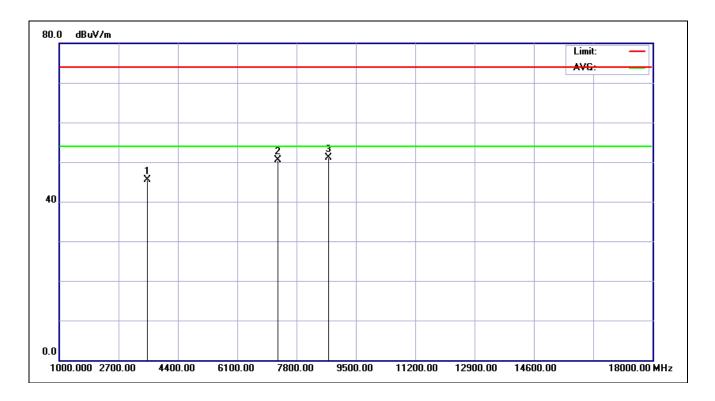
Test Mode: EDR-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	4350.962	-4.12	50.20	46.08	74.00	-27.92	peak	100	332	
2	5931.090	3.21	45.64	48.85	74.00	-25.15	peak	100	271	
3	7347.756	5.82	44.94	50.76	74.00	-23.24	peak	100	190	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:21:05

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

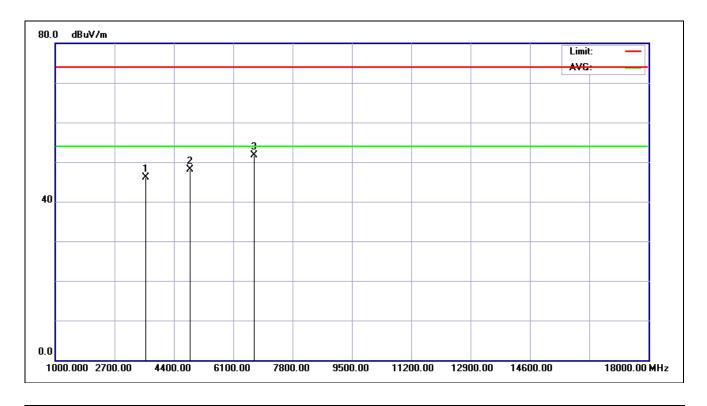
Test Mode: EDR-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3533.654	-5.84	51.39	45.55	74.00	-28.45	peak	100	63	
2	7266.026	5.59	44.94	50.53	74.00	-23.47	peak	100	60	
3	8709.936	6.64	44.49	51.13	74.00	-22.87	peak	100	360	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:22:06

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

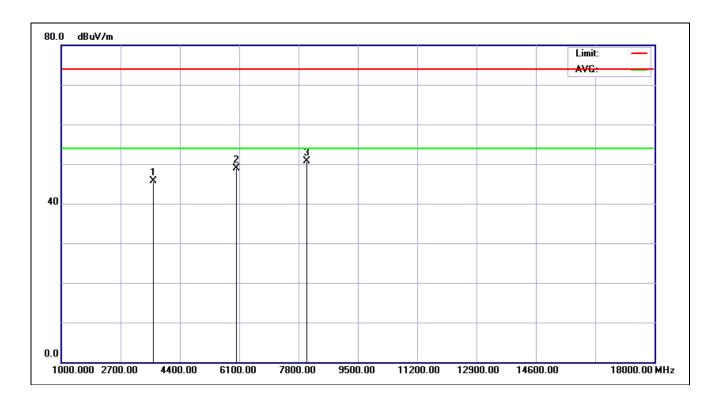
Test Mode: EDR-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3588.141	-5.79	51.81	46.02	74.00	-27.98	peak	100	351	
2	4868.590	-2.57	50.70	48.13	74.00	-25.87	peak	100	268	
3	6693.910	5.22	46.58	51.80	74.00	-22.20	peak	100	207	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 13:25:46

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

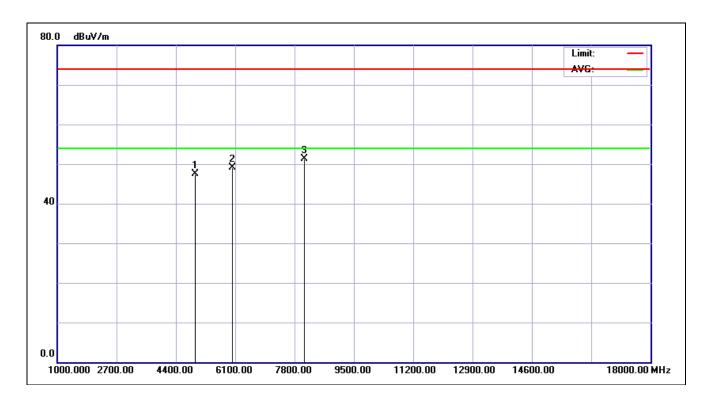
Test Mode: EDR-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	3642.628	-5.76	51.42	45.66	74.00	-28.34	peak	100	197	
2	6012.820	3.72	45.23	48.95	74.00	-25.05	peak	100	162	
3	8028.846	6.01	44.78	50.79	74.00	-23.21	peak	100	237	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 13:26:48

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

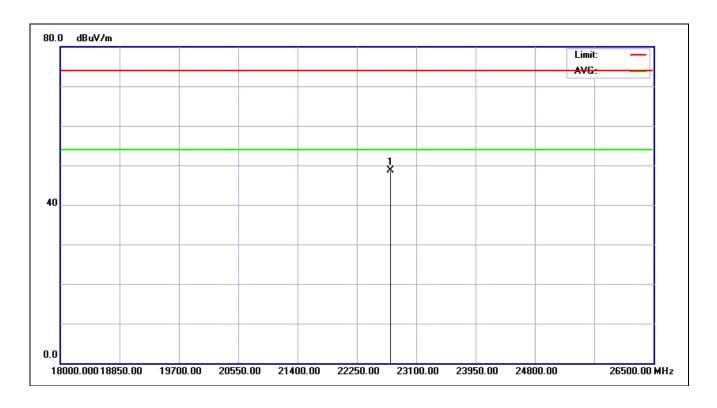
Test Mode: EDR-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	4950.320	-2.36	49.78	47.42	74.00	-26.58	peak	100	266	
2	6012.820	3.72	45.33	49.05	74.00	-24.95	peak	100	303	
3	8083.333	6.06	45.30	51.36	74.00	-22.64	peak	100	49	



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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:01:52

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

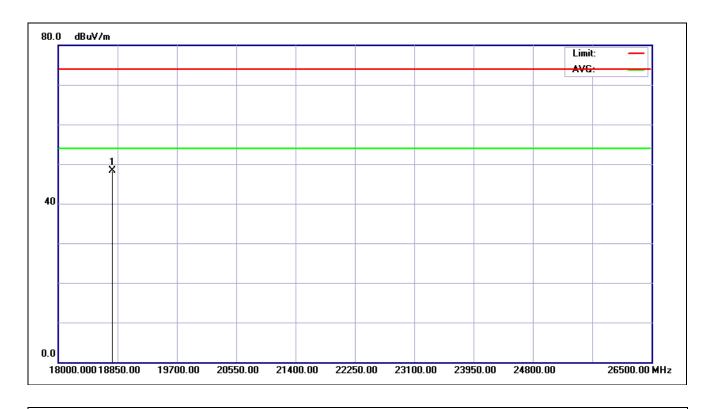
Test Mode: BT-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	22726.763	29.58	19.15	48.73	74.00	-25.27	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:02:28

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

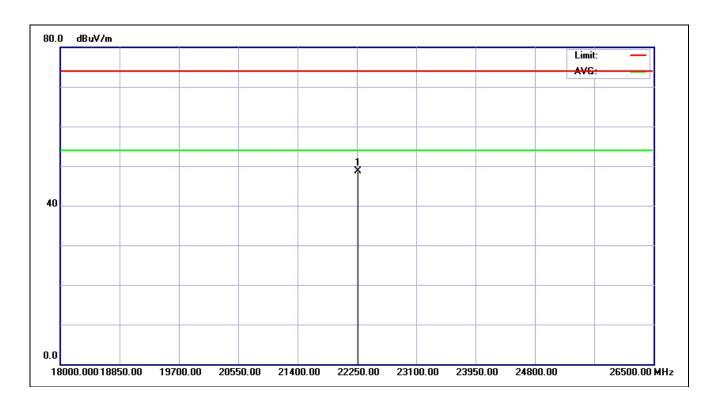
Test Mode: BT-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	18776.442	29.29	19.11	48.40	74.00	-25.60	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:05:08

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

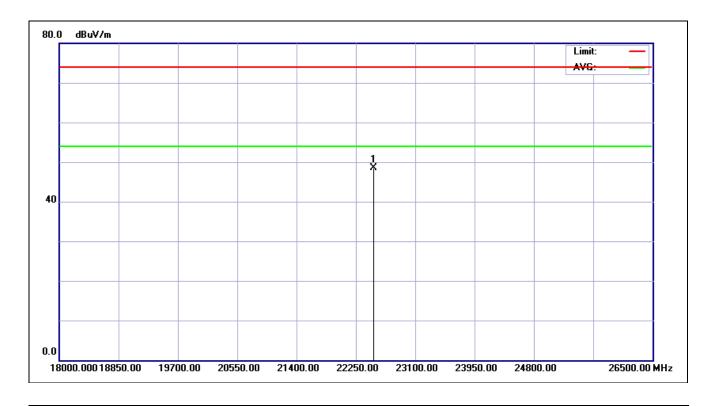
Test Mode: BT-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	22263.622	29.18	19.61	48.79	74.00	-25.21	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:05:37

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

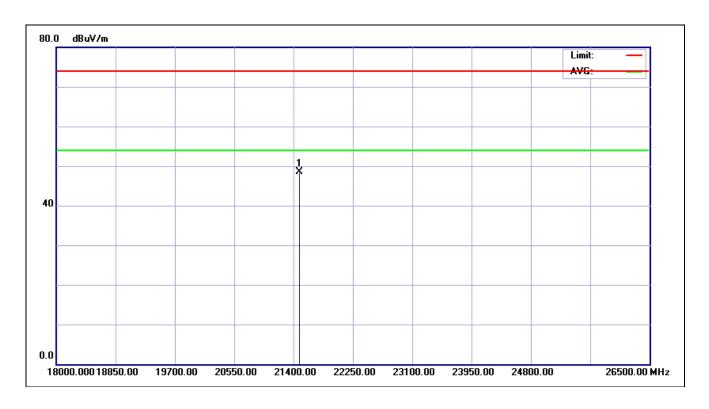
Test Mode: BT-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	22508.814	29.01	19.50	48.51	74.00	-25.49	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:06:06

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

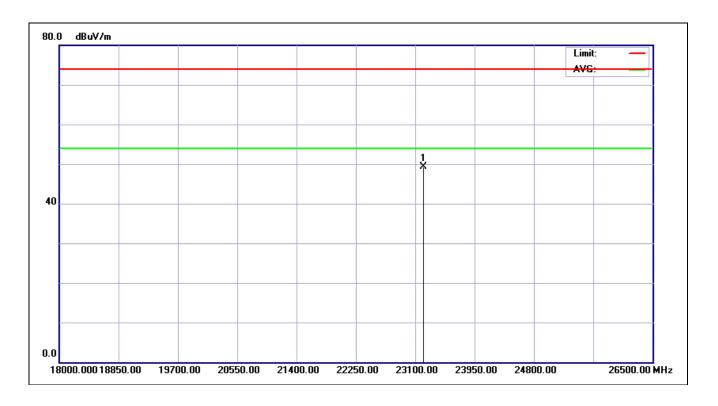
Test Mode: BT-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	21487.179	29.44	18.97	48.41	74.00	-25.59	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:06:30

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

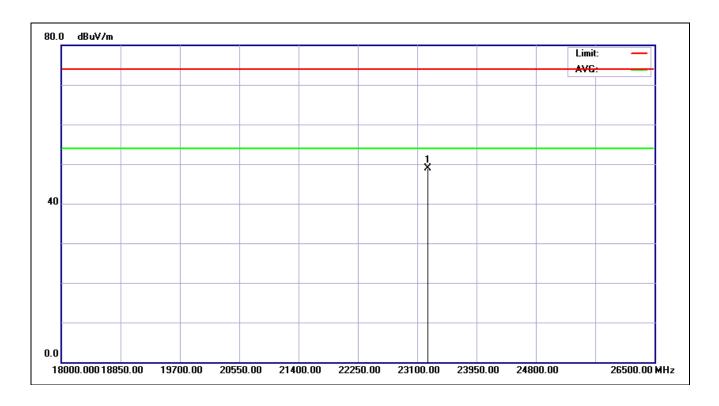
Test Mode: BT-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	23217.147	30.20	19.17	49.37	74.00	-24.63	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:06:53

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

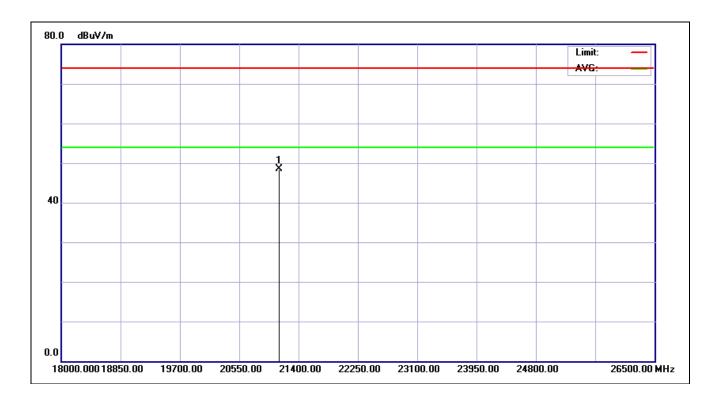
Test Mode: EDR-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	23258.013	30.20	18.80	49.00	74.00	-25.00	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:07:08

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

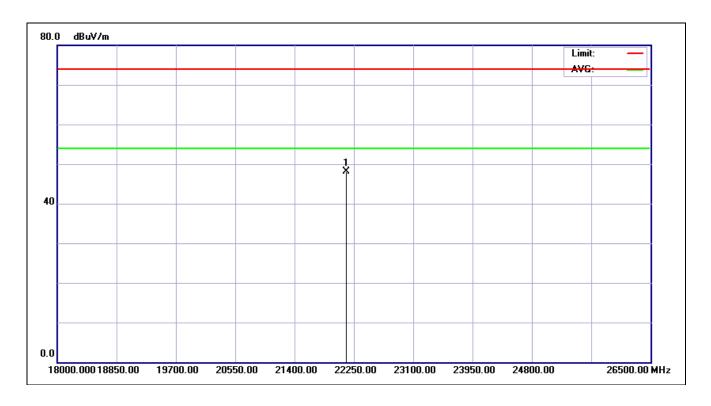
Test Mode: EDR-2402-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	21119.391	29.54	19.02	48.56	74.00	-25.44	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:07:24

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

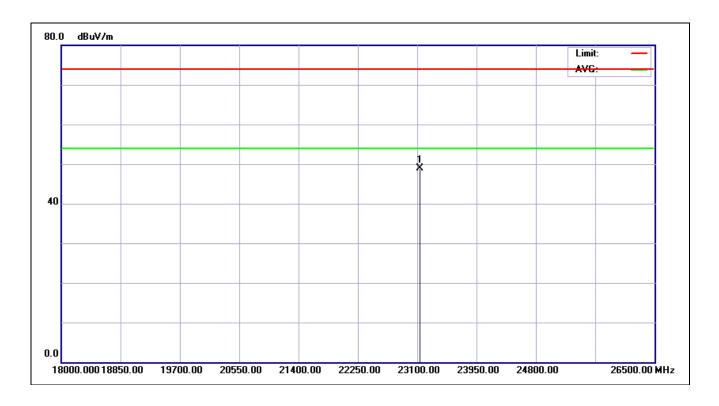
Test Mode: EDR-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	22141.026	29.28	18.87	48.15	74.00	-25.85	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:07:40

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

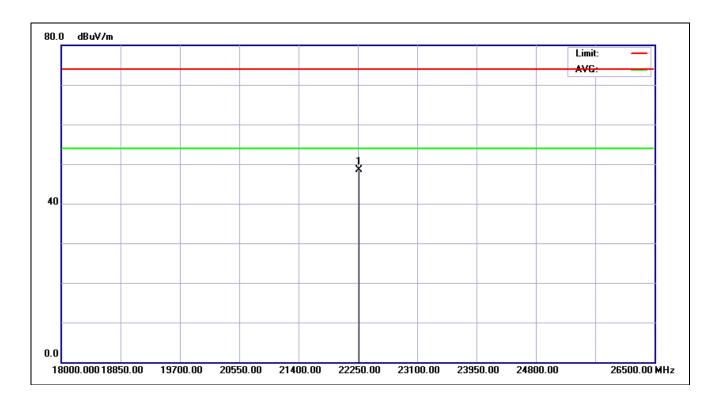
Test Mode: EDR-2441-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	23135.417	30.24	18.67	48.91	74.00	-25.09	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 14:07:58

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

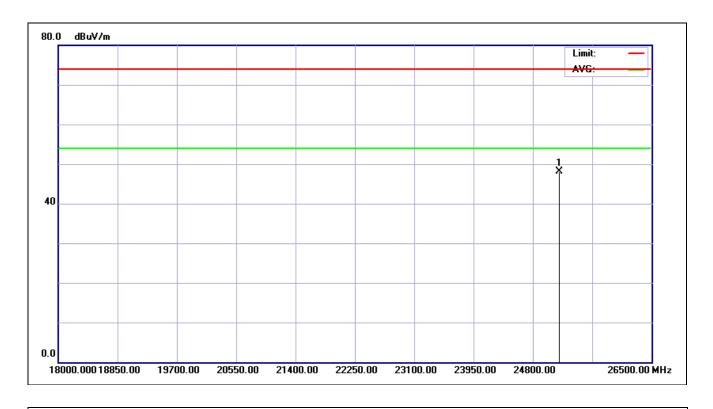
Test Mode: EDR-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	22263.622	29.18	19.34	48.52	74.00	-25.48	peak			





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC above 1G PEAK Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 14:08:14

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

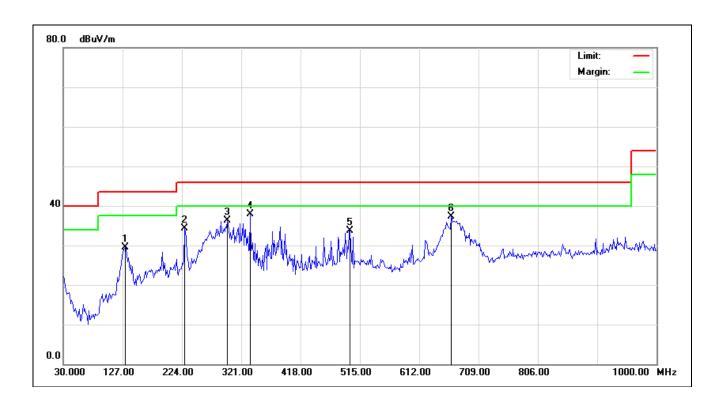
Test Mode: EDR-2480-TX

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	25178.686	30.66	17.49	48.15	74.00	-25.85	peak			



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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC Class B 3M Radiation Ant. Polarization: Horizontal

Test item: Radiation Emission Test Time: 2013/10/1 10:15:42

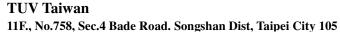
Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

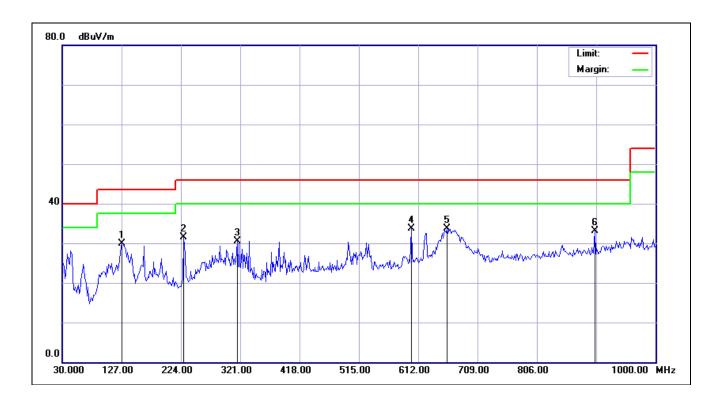
Test Mode:

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	131.0416	-12.85	42.36	29.51	43.50	-13.99	QP	100	216	
2	228.9743	-13.61	47.98	34.37	46.00	-11.63	QP	100	200	
3	298.9262	-10.42	46.75	36.33	46.00	-9.67	QP	100	182	
4	336.2339	-9.74	47.67	37.93	46.00	-8.07	QP	100	172	
5	499.4551	-7.31	41.07	33.76	46.00	-12.24	QP	100	42	
6	664.2307	-5.36	42.57	37.21	46.00	-8.79	QP	100	146	





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Service No.: 114013947 Test Distance: 3m

Test Standard: FCC Class B 3M Radiation Ant. Polarization: Vertical

Test item: Radiation Emission Test Time: 2013/10/1 10:16:44

Applicant: Skullcnady Test Rating: DC 5V

Product: Bluetooth speaker Temp.($^{\circ}$)/Hum.($^{\circ}$): 25($^{\circ}$)/49%

Model No.: AIR RAID Test Engineer: Hugo Chang

Test Mode:

No.	Frequency	Factor	Reading	Level	Limit	Margin	Det.	Height	Azimuth	Remark
	(MHz)	(dB/m)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		(cm)	(•)	
1	127.9327	-12.94	42.85	29.91	43.50	-13.59	QP	100	96	
2	228.9744	-13.61	45.16	31.55	46.00	-14.45	QP	100	357	
3	316.0256	-10.10	40.54	30.44	46.00	-15.56	QP	100	137	
4	600.4968	-5.97	39.64	33.67	46.00	-12.33	QP	100	181	
5	659.5673	-5.39	39.12	33.73	46.00	-12.27	QP	100	135	
6	900.5128	-2.11	35.24	33.13	46.00	-12.87	QP	100	183	

Mains Spurious Emissions

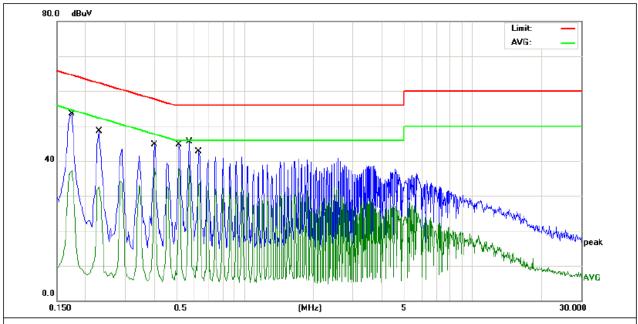


Site: Conduction 11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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Test Time: 2013/9/23

10:32:25



114013947 Service No.:

FCC Part 15 Class B Conduction Test Standard:

Test item: **Conducted Emission**

Applicant: Temp.(°C)/Hum.(%): 24.5(°C) / 50 % Merry

Product: Power Rating: AC 120V/60Hz Bluetooth speaker

> Test Engineer: Freeman Wang

L1

Phase:

Test Mode: BT link via adapter

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1740	9.62	37.43	47.05	64.76	-17.71	QP	Р	
2	0.1740	9.62	27.31	36.93	54.76	-17.83	AVG	Р	
3	0.2300	9.60	31.60	41.20	62.45	-21.25	QP	Р	
4	0.2300	9.60	20.56	30.16	52.45	-22.29	AVG	Р	
5	0.4020	9.59	32.15	41.74	57.81	-16.07	QP	Р	
6	0.4020	9.59	25.09	34.68	47.81	-13.13	AVG	Р	
7	0.5180	9.59	35.41	45.00	56.00	-11.00	QP	Р	
8	0.5180	9.59	29.51	39.10	46.00	-6.90	AVG	Р	
9	0.5740	9.59	29.68	39.27	56.00	-16.73	QP	Р	
10	0.5740	9.59	20.08	29.67	46.00	-16.33	AVG	Р	
11	0.6300	9.59	29.41	39.00	56.00	-17.00	QP	Р	
12	0.6300	9.59	22.54	32.13	46.00	-13.87	AVG	Р	



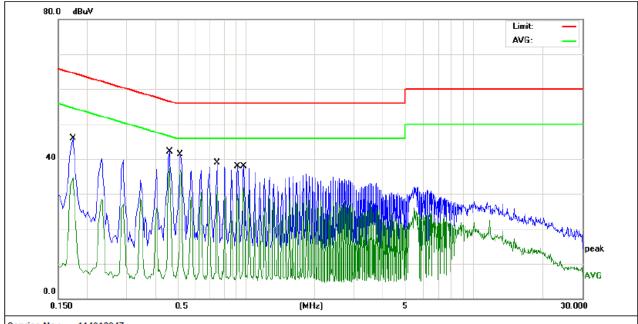
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Tel:+886-2172-7000 fax:+886-2528-0018

Test Time: 2013/9/23

10:35:43

Site: Conduction



Service No.: 114013947

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission Phase:

Applicant: Merry Temp.(°C)/Hum.(%): 24.5(°C) / 50 %

Product: Bluetooth speaker Power Rating: AC 120V/60Hz

Test Engineer: Freeman Wang

Test Mode: BT link via adapter

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1740	9.59	32.15	41.74	64.76	-23.02	QP	Р	
2	0.1740	9.59	22.75	32.34	54.76	-22.42	AVG	Р	
3	0.4620	9.57	32.55	42.12	56.66	-14.54	QP	Р	
4	0.4620	9.57	28.24	37.81	46.66	-8.85	AVG	Р	
5	0.5180	9.57	28.97	38.54	56.00	-17.46	QP	Р	
6	0.5180	9.57	23.26	32.83	46.00	-13.17	AVG	Р	
7	0.7500	9.57	25.77	35.34	56.00	-20.66	QP	Р	
8	0.7500	9.57	19.87	29.44	46.00	-16.56	AVG	Р	
9	0.9220	9.57	25.59	35.16	56.00	-20.84	QP	Р	
10	0.9220	9.57	16.28	25.85	46.00	-20.15	AVG	Р	
11	0.9820	9.57	25.47	35.04	56.00	-20.96	QP	Р	
12	0.9820	9.57	18.17	27.74	46.00	-18.26	AVG	Р	



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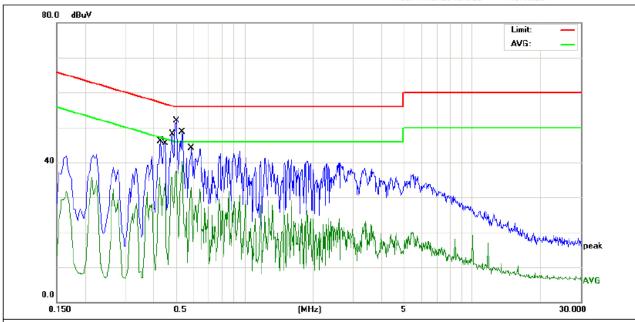
Tel:+886-2172-7000 fax:+886-2528-0018

Test Time: 2013/9/23

10:43:26

L1

Site: Conduction



Service No.: 114013947

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission Phase:

Applicant: Merry Temp.(°C)/Hum.(%): 24.5(°C) / 50 %

Product: Bluetooth speaker Power Rating: AC 120V/60Hz

Test Engineer: Freeman Wang

Test Mode: Audio in via adapter

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.4300	9.59	29.80	39.39	57.25	-17.86	QP	Р	
2	0.4300	9.59	15.03	24.62	47.25	-22.63	AVG	Р	
3	0.4500	9.59	3.83	13.42	56.87	-43.45	QP	Р	
4	0.4500	9.59	-3.31	6.28	46.87	-40.59	AVG	Р	
5	0.4820	9.59	31.05	40.64	56.30	-15.66	QP	Р	
6	0.4820	9.59	15.05	24.64	46.30	-21.66	AVG	Р	
7	0.5060	9.59	18.23	27.82	56.00	-28.18	QP	Р	
8	0.5060	9.59	-0.03	9.56	46.00	-36.44	AVG	Р	
9	0.5340	9.59	33.13	42.72	56.00	-13.28	QP	Р	
10	0.5340	9.59	16.51	26.10	46.00	-19.90	AVG	Р	
11	0.5860	9.59	28.55	38.14	56.00	-17.86	QP	Р	
12	0.5860	9.59	10.48	20.07	46.00	-25.93	AVG	Р	



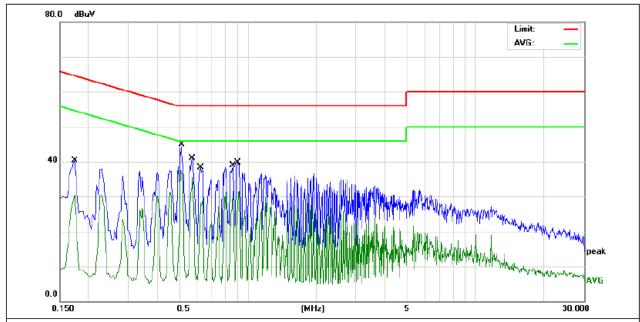
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Tel:+886-2172-7000 fax:+886-2528-0018

Test Time: 2013/9/23

10:41:04

Site: Conduction



Service No.: 114013947

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission Phase:

Applicant: Merry Temp.(°C)/Hum.(%): 24.5(°C) / 50 %

Product: Bluetooth speaker Power Rating: AC 120V/60Hz

Test Engineer: Freeman Wang

Test Mode: Audio in via adapter

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1740	9.59	23.88	33.47	64.76	-31.29	QP	Р	
2	0.1740	9.59	12.45	22.04	54.76	-32.72	AVG	Р	
3	0.5140	9.57	31.99	41.56	56.00	-14.44	QP	Р	
4	0.5140	9.57	22.17	31.74	46.00	-14.26	AVG	Р	
5	0.5740	9.57	20.85	30.42	56.00	-25.58	QP	Р	
6	0.5740	9.57	5.65	15.22	46.00	-30.78	AVG	Р	
7	0.6260	9.57	24.91	34.48	56.00	-21.52	QP	Р	
8	0.6260	9.57	13.66	23.23	46.00	-22.77	AVG	Р	
9	0.8620	9.57	9.76	19.33	56.00	-36.67	QP	Р	
10	0.8620	9.57	-2.48	7.09	46.00	-38.91	AVG	Р	
11	0.9060	9.57	27.43	37.00	56.00	-19.00	QP	Р	
12	0.9060	9.57	16.19	25.76	46.00	-20.24	AVG	Р	