

Test Report No.10044522 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 10044522AppendixD)

Contents

Spurious Emissions, Band Edges, 2.35-2.5G 2

Spurious Emissions, TX Mode, 1-18G..... 10

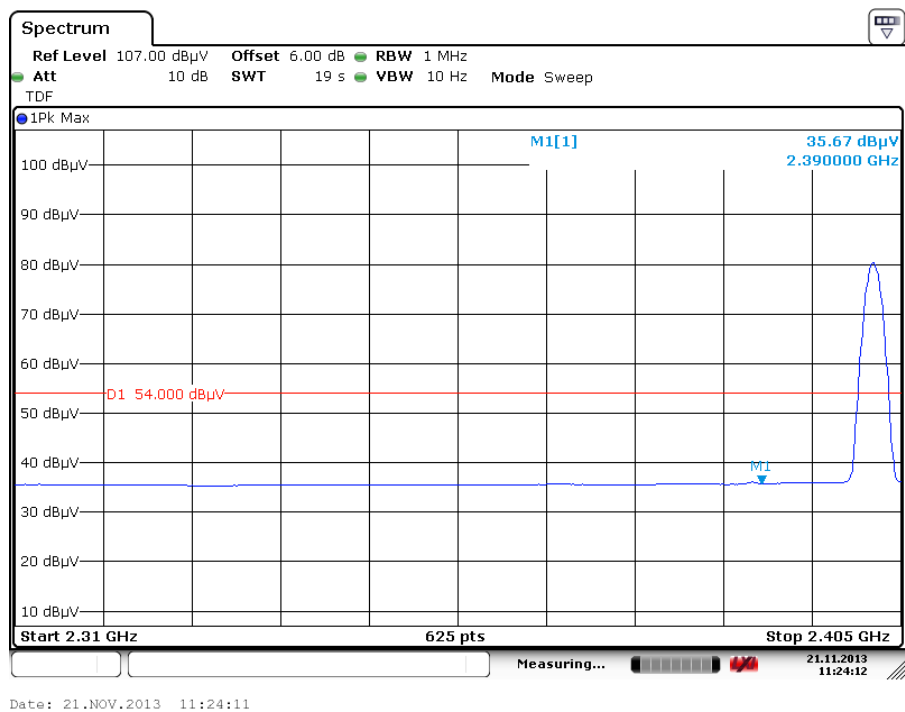
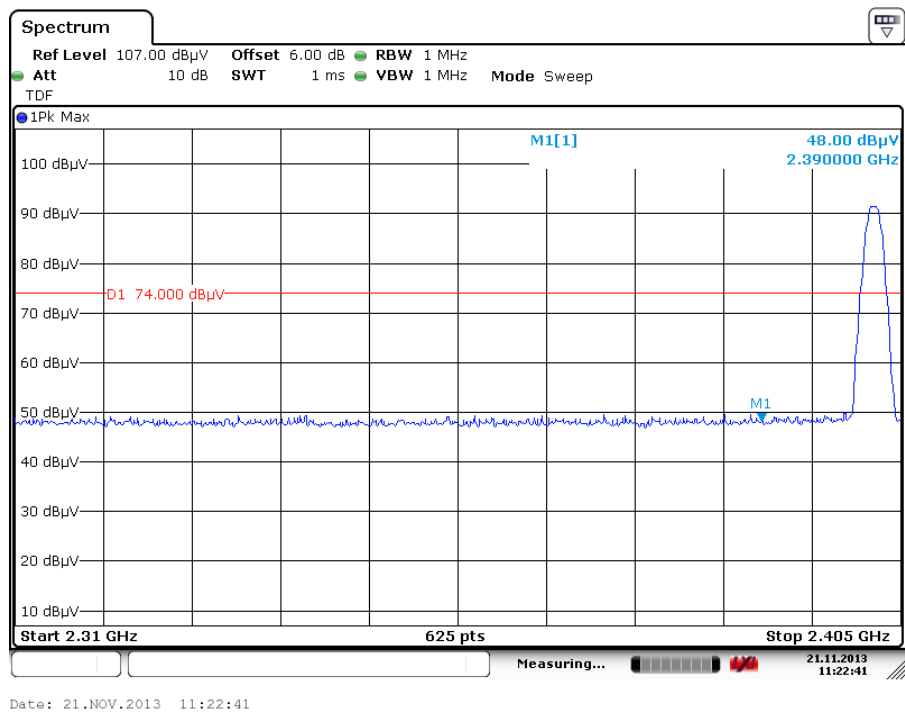
Spurious Emissions, TX Mode, 18-26G..... 22

Spurious Emissions, TX Mode, 30M-1G 34

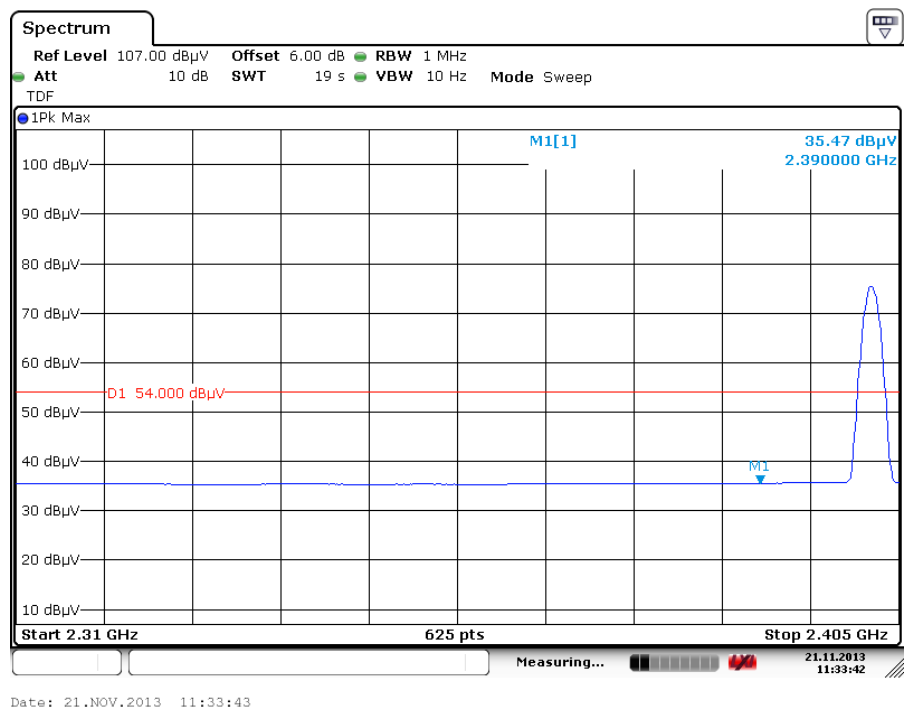
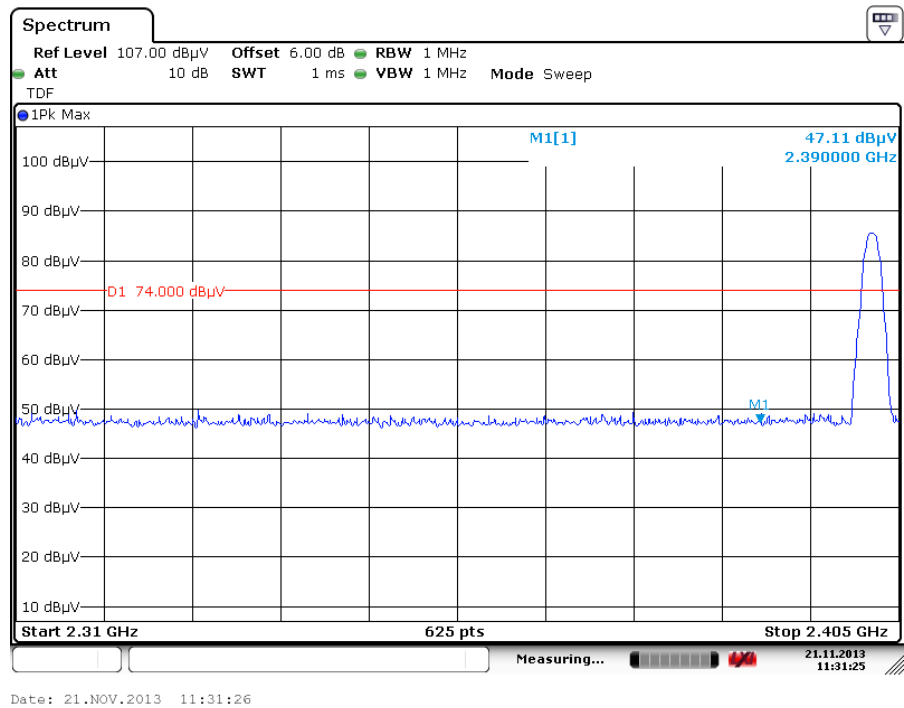
Spurious Emissions, Mains, 150kHz - 30MHz..... 36

Radiated Bandedge (GFSK)

Low Channel (Hor)



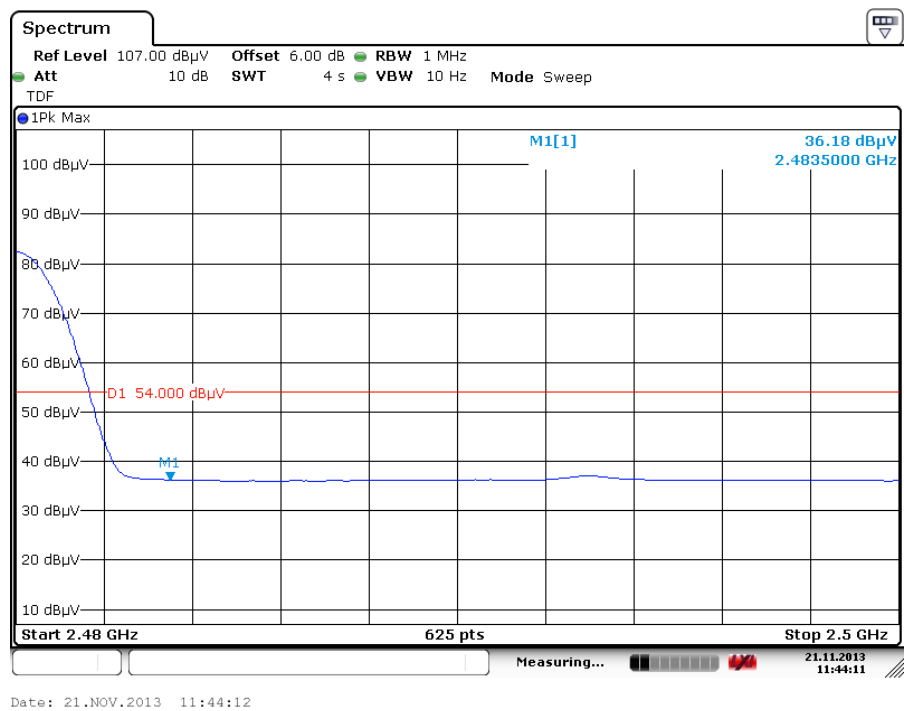
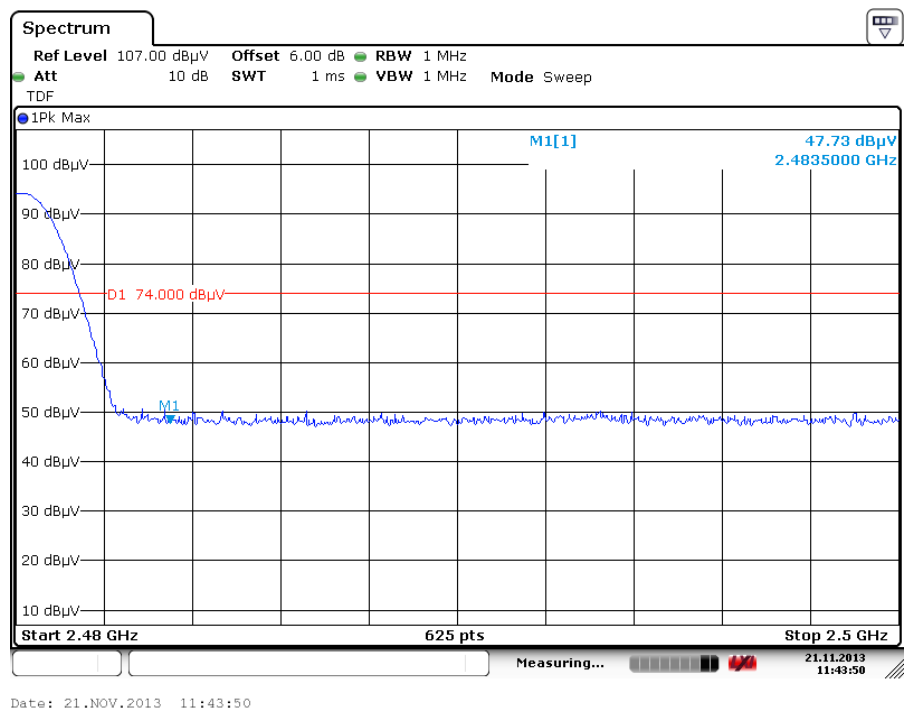
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

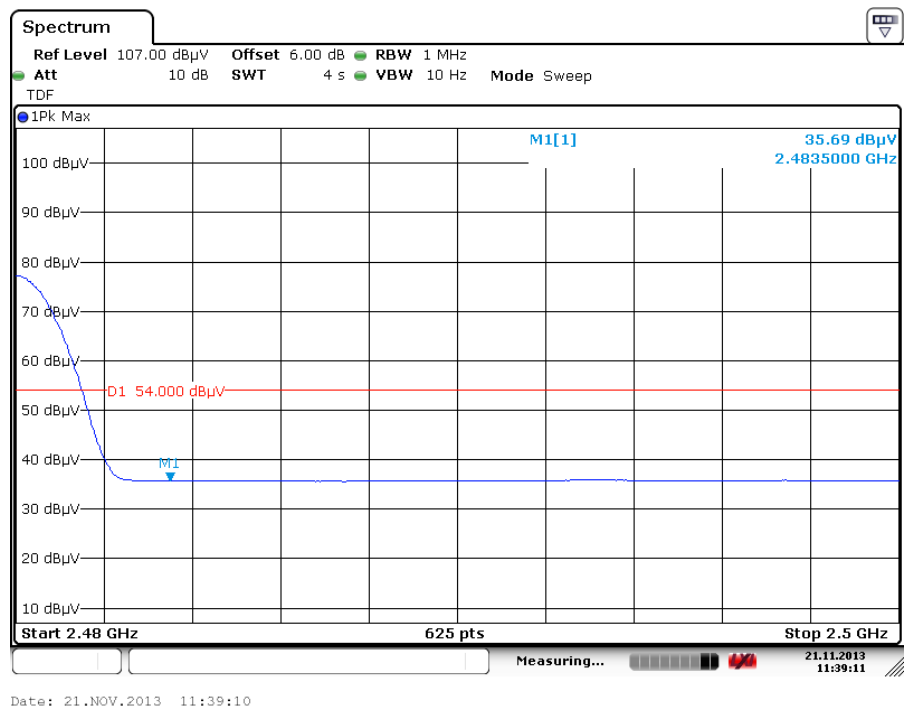
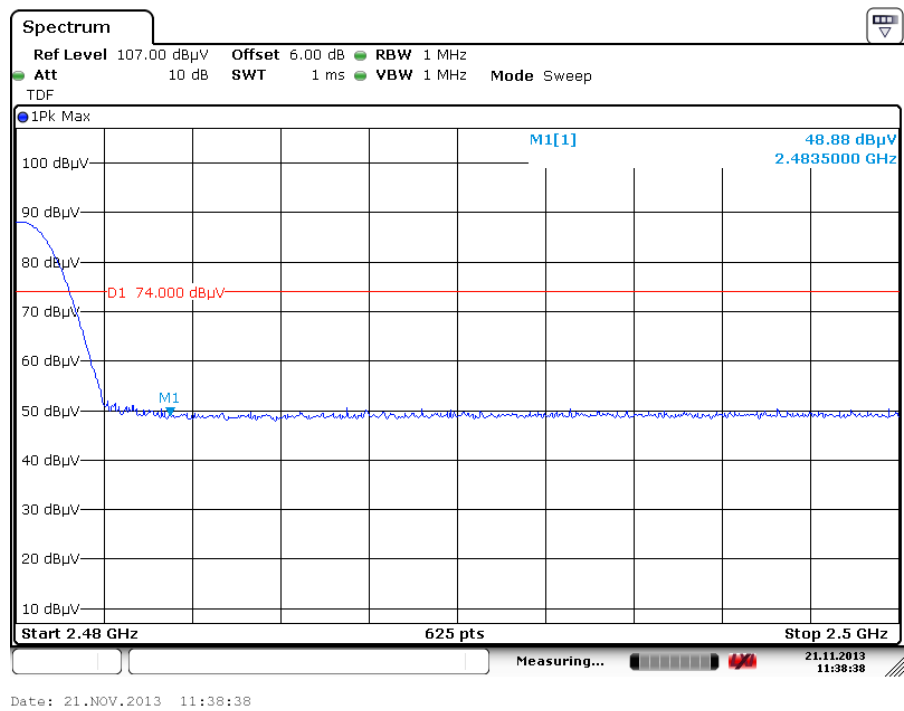
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

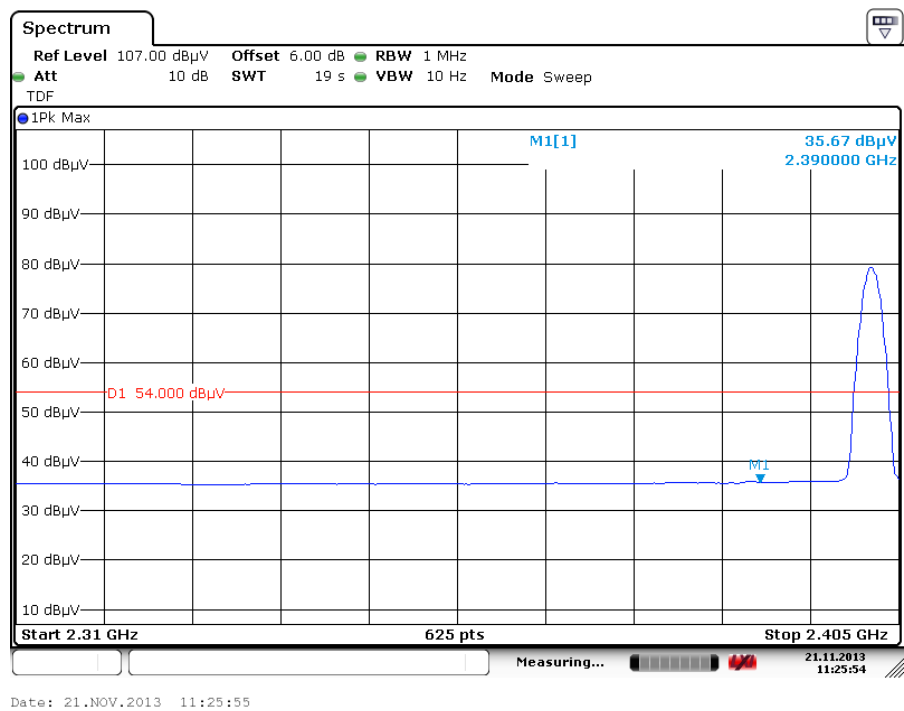
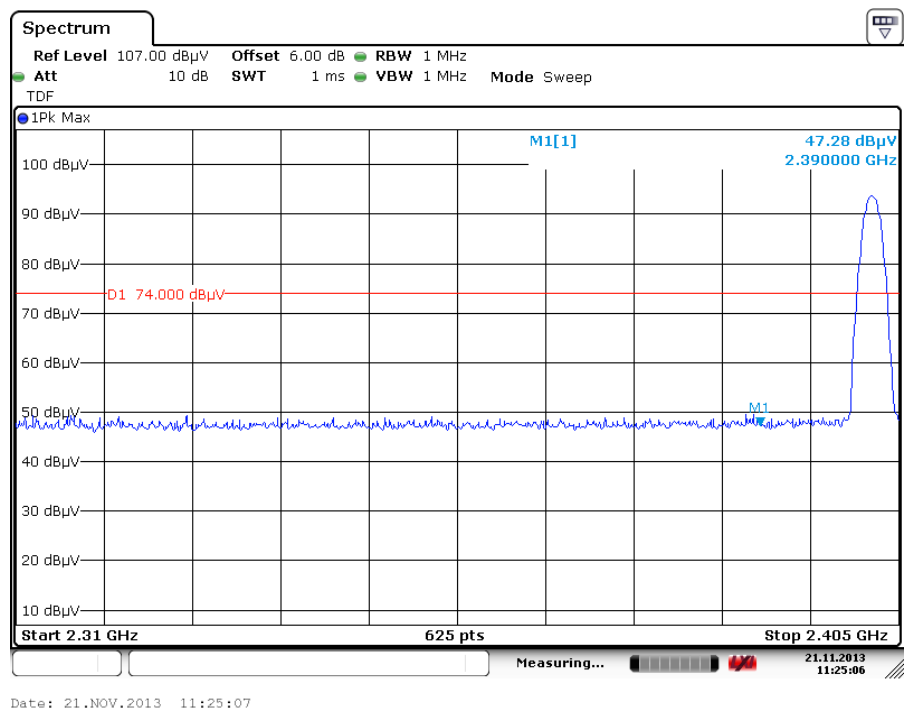
High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

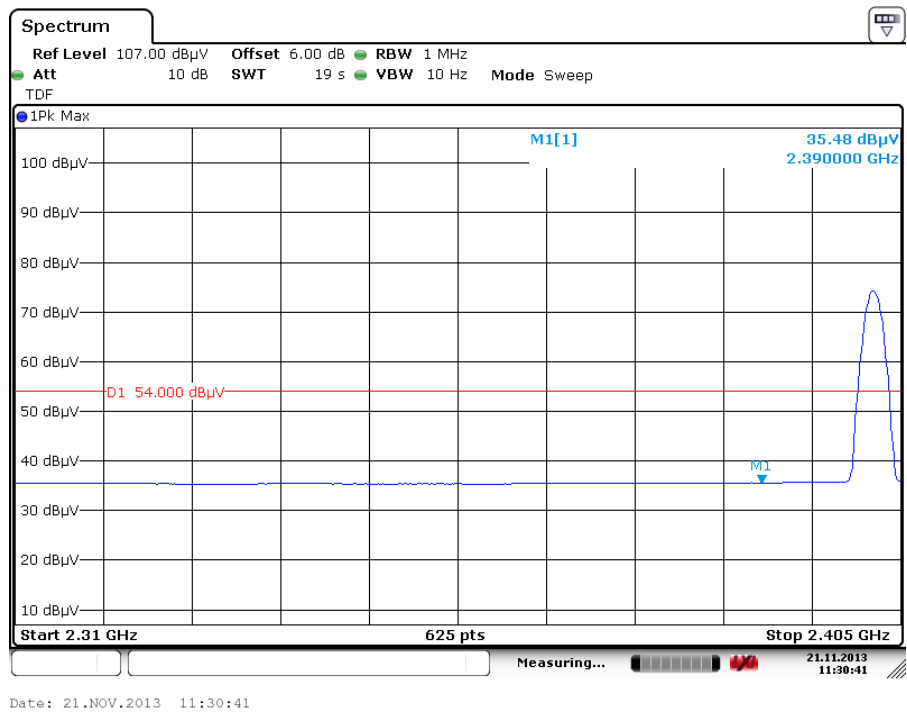
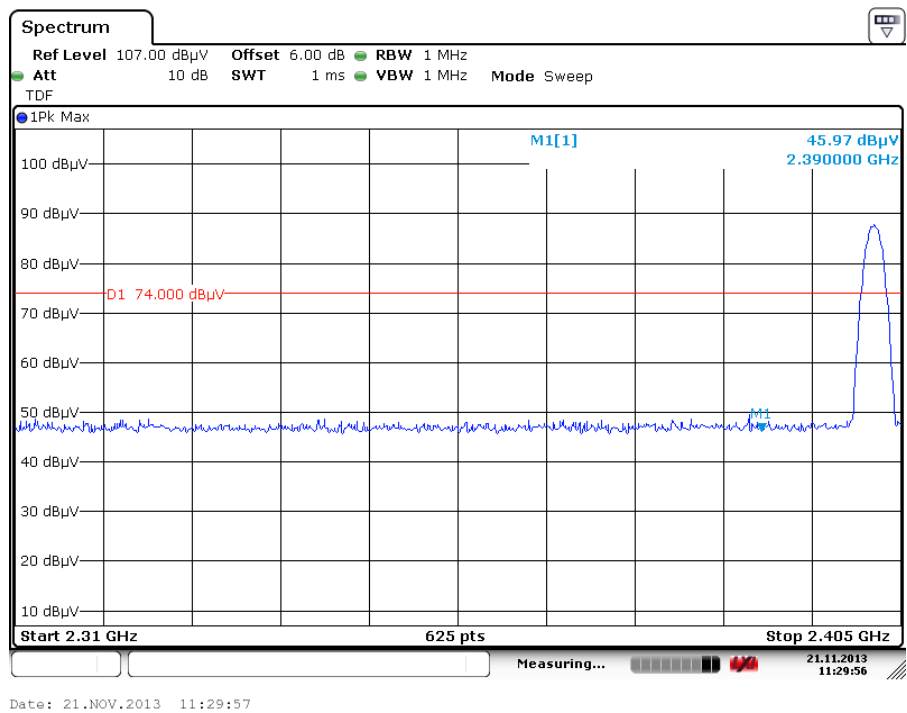
Radiated Bandedge (8DPSK)

Low Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

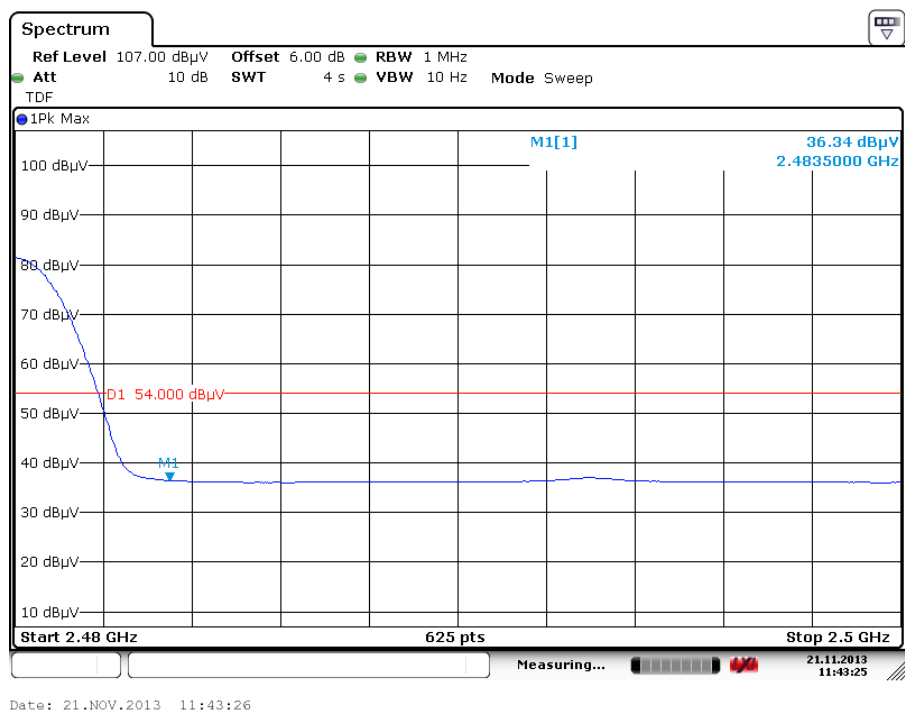
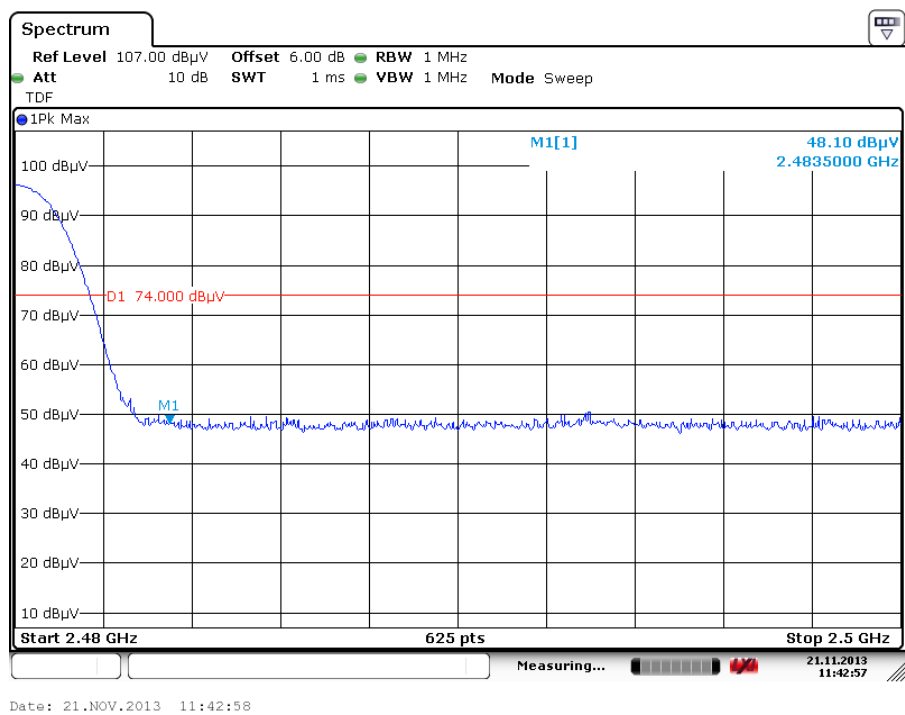
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

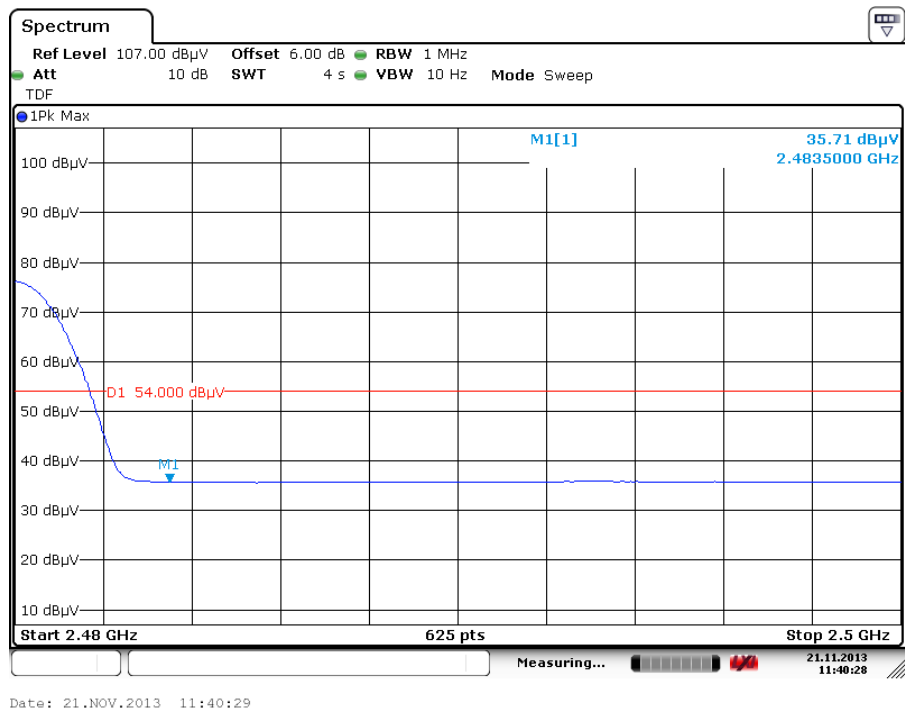
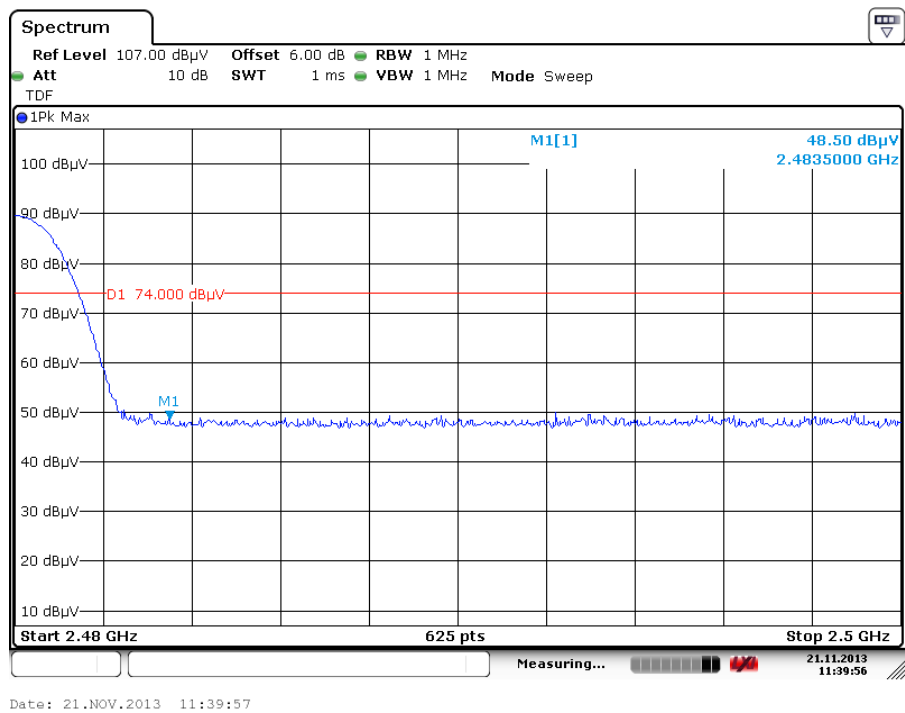
Radiated Bandedge (8DPSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

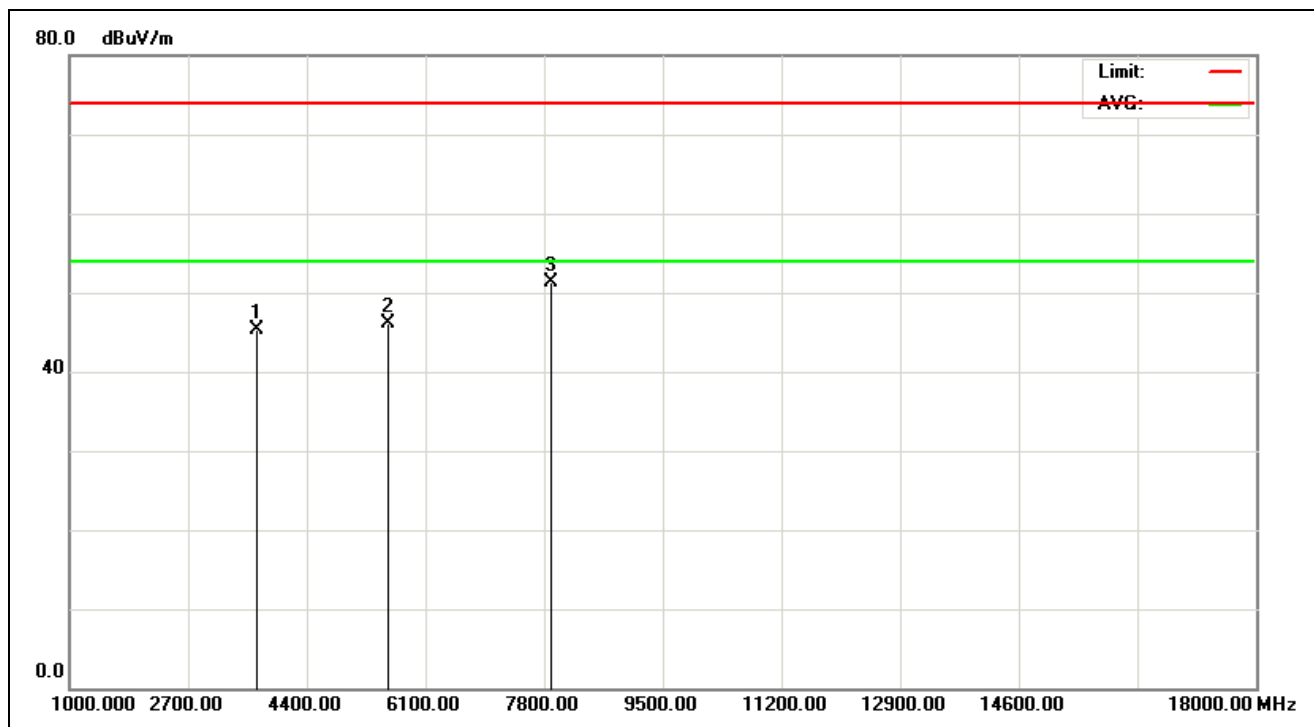
Spurious Emissions, TX Mode, 1-18G



TUV Taiwan

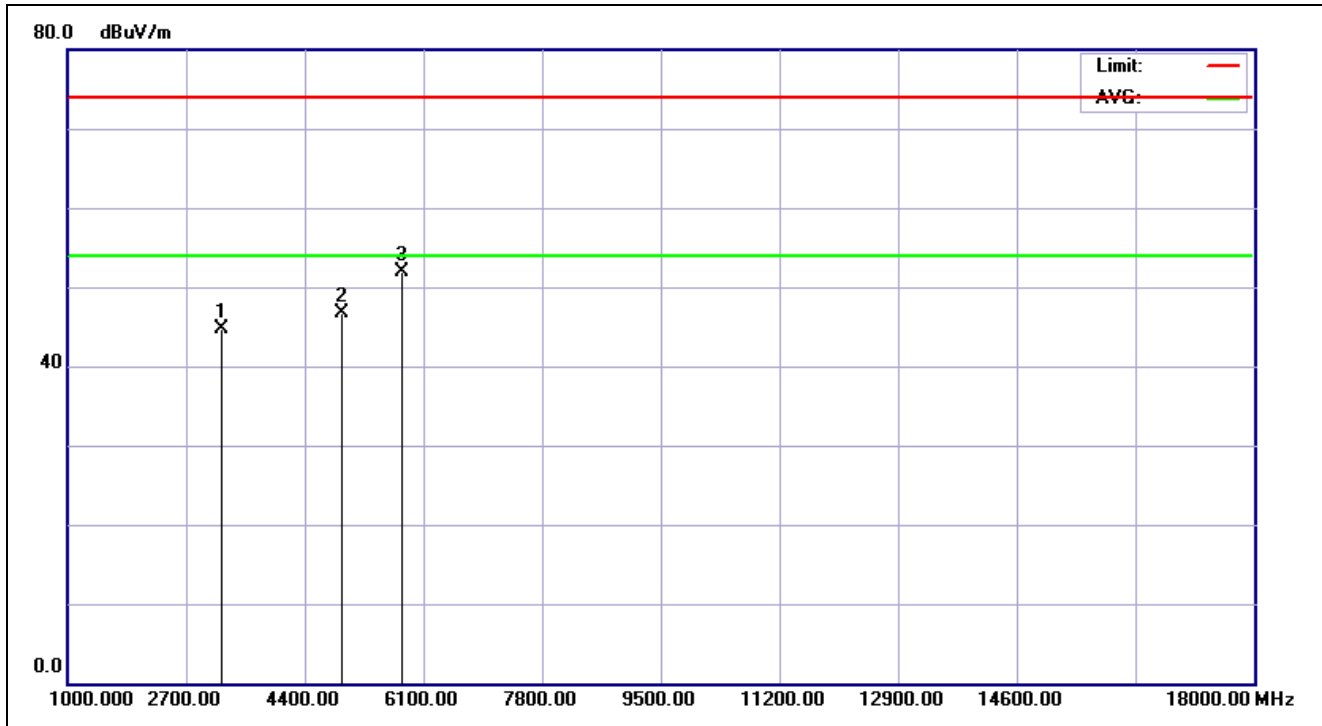
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



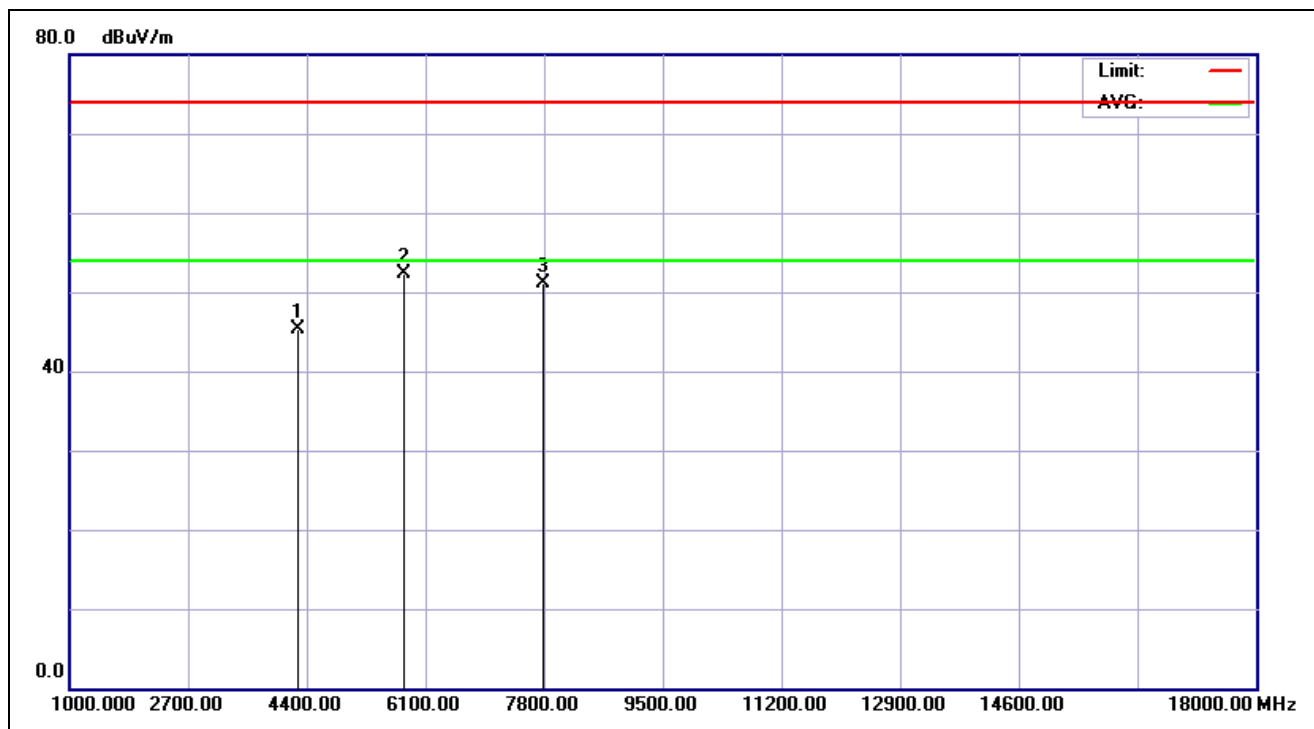
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Test item:	Radiation Emission	Test Time:	2013/11/21 11:48:45
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3697.115	-5.50	50.71	45.21	74.00	-28.79	peak	100	64	
2	5576.923	0.86	45.31	46.17	74.00	-27.83	peak	100	256	
3	7892.628	6.06	45.18	51.24	74.00	-22.76	peak	100	341	



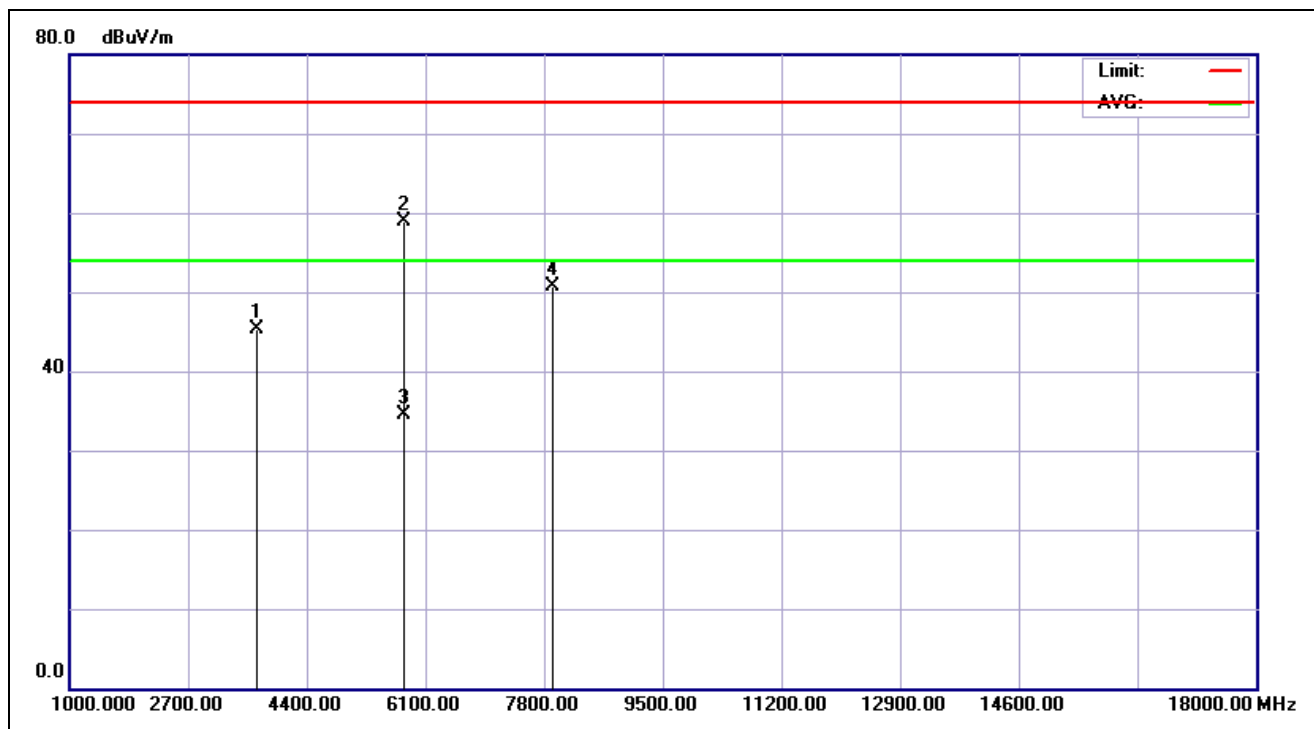
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 11:49:47
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3206.731	-6.00	50.79	44.79	74.00	-29.21	peak	100	86	
2	4923.077	-2.28	48.96	46.68	74.00	-27.32	peak	100	118	
3	5794.872	2.33	49.65	51.98	74.00	-22.02	peak	100	200	



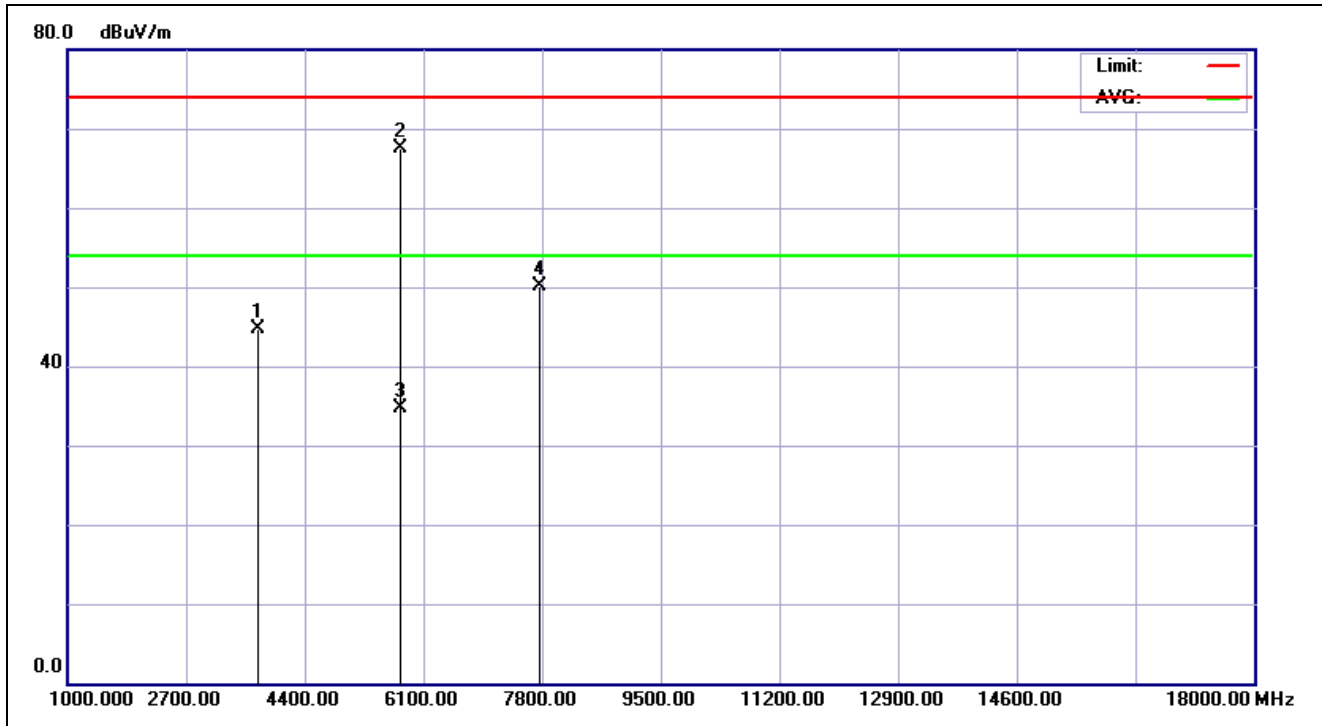
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Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4269.231	-4.26	49.51	45.25	74.00	-28.75	peak	100	24	
2	5794.872	2.33	49.61	51.94	74.00	-22.06	peak	100	248	
3	7783.654	6.12	44.92	51.04	74.00	-22.96	peak	100	85	



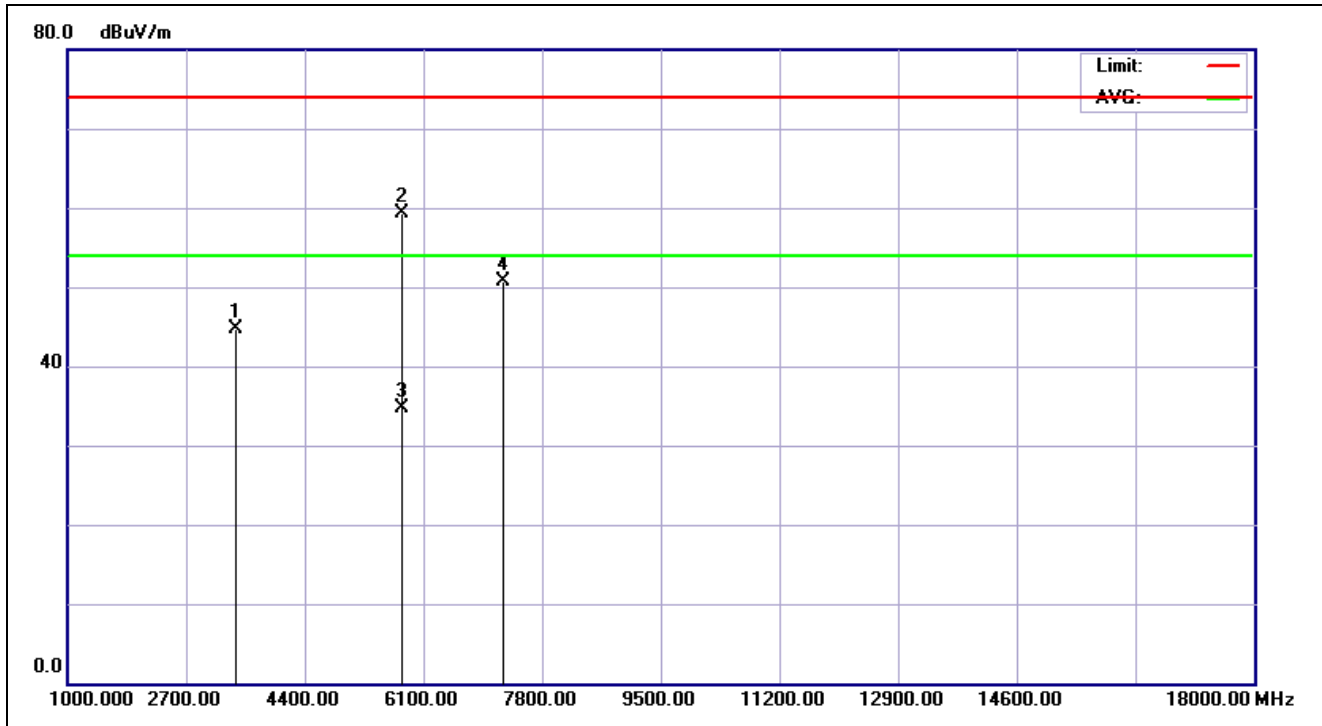
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Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3697.115	-5.50	50.89	45.39	74.00	-28.61	peak	100	123	
2	5794.872	2.33	56.50	58.83	74.00	-15.17	peak	100	139	
3	5794.872	2.33	32.20	34.53	54.00	-19.47	AVG	100	139	
4	7919.872	6.05	44.65	50.70	74.00	-23.30	peak	100	314	



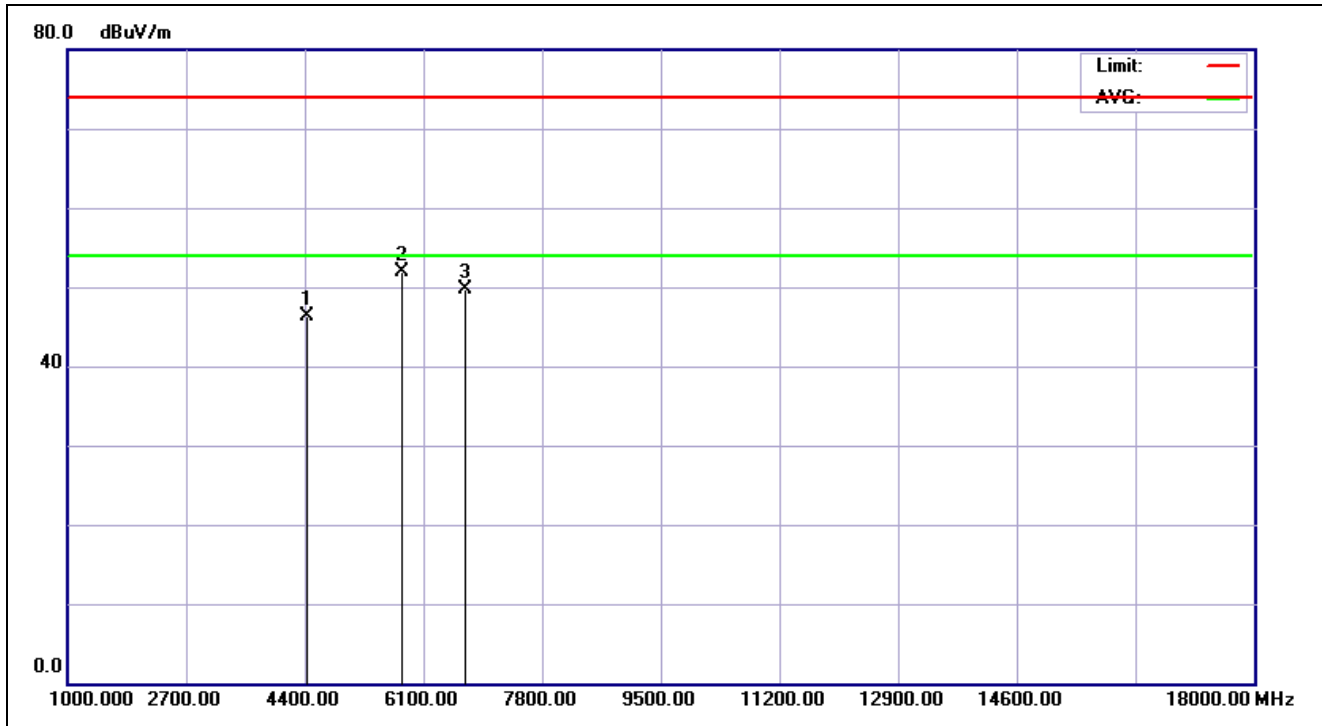
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Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3724.359	-5.49	50.15	44.66	74.00	-29.34	peak	100	144	
2	5767.628	2.14	65.32	67.46	74.00	-6.54	peak	100	102	
3	5767.628	2.14	32.56	34.70	54.00	-19.30	AVG	100	102	
4	7756.410	6.13	43.98	50.11	74.00	-23.89	peak	100	181	



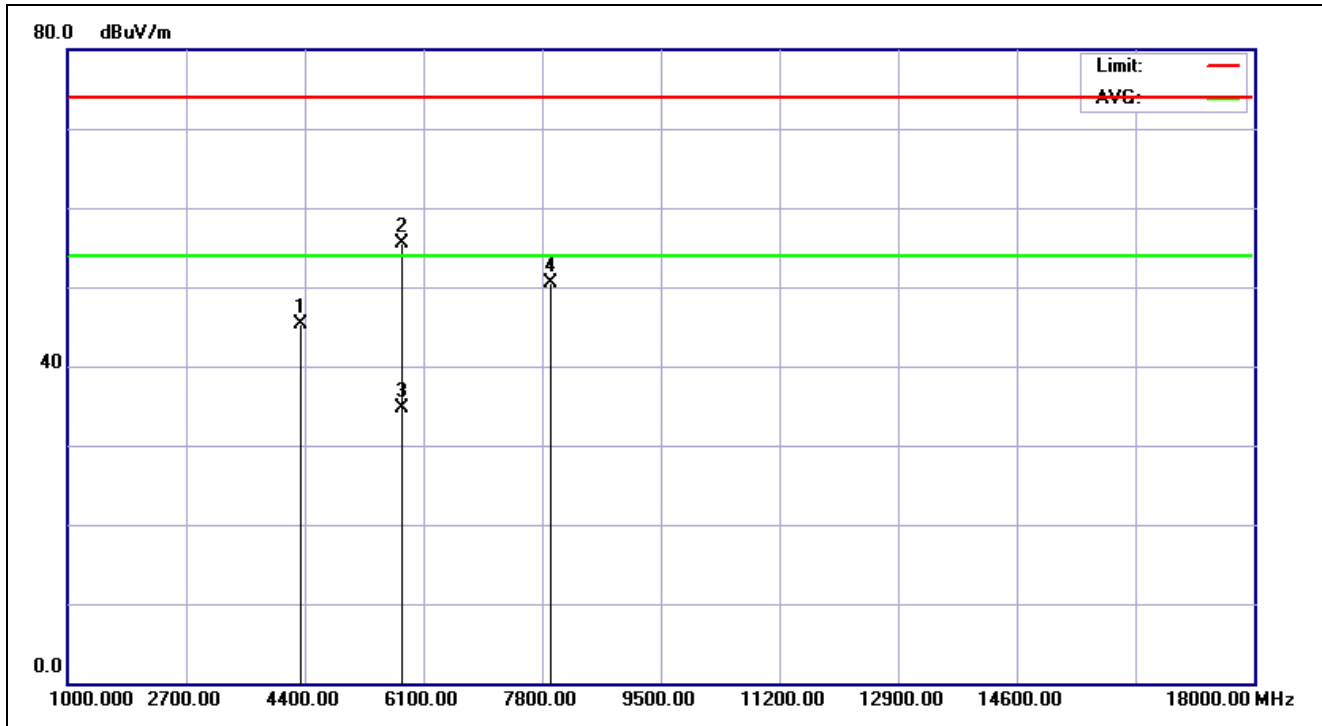
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Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3424.680	-5.72	50.39	44.67	74.00	-29.33	peak	100	351	
2	5794.872	2.33	56.98	59.31	74.00	-14.69	peak	100	98	
3	5794.872	2.33	32.39	34.72	54.00	-19.28	AVG	100	98	
4	7238.782	5.52	45.20	50.72	74.00	-23.28	peak	100	136	



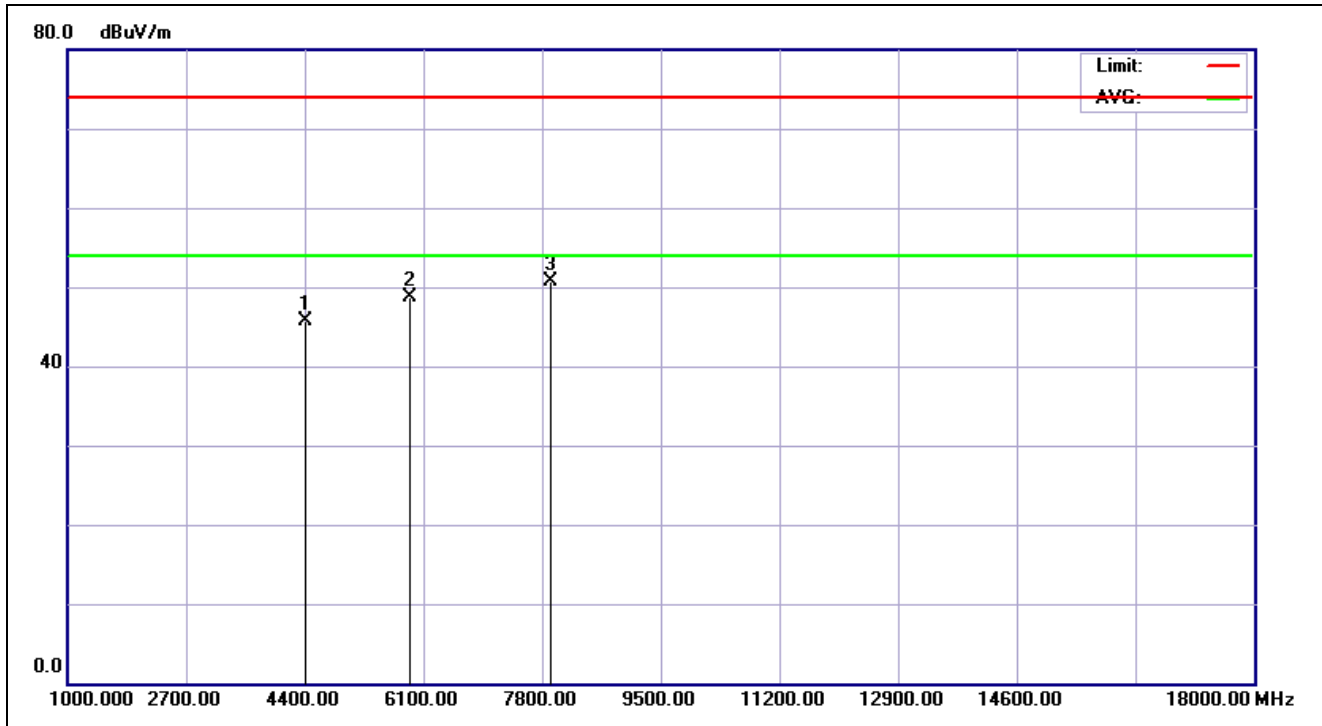
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:11:24
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4432.692	-3.63	49.88	46.25	74.00	-27.75	peak	100	355	
2	5794.872	2.33	49.54	51.87	74.00	-22.13	peak	100	198	
3	6693.910	5.24	44.55	49.79	74.00	-24.21	peak	100	179	



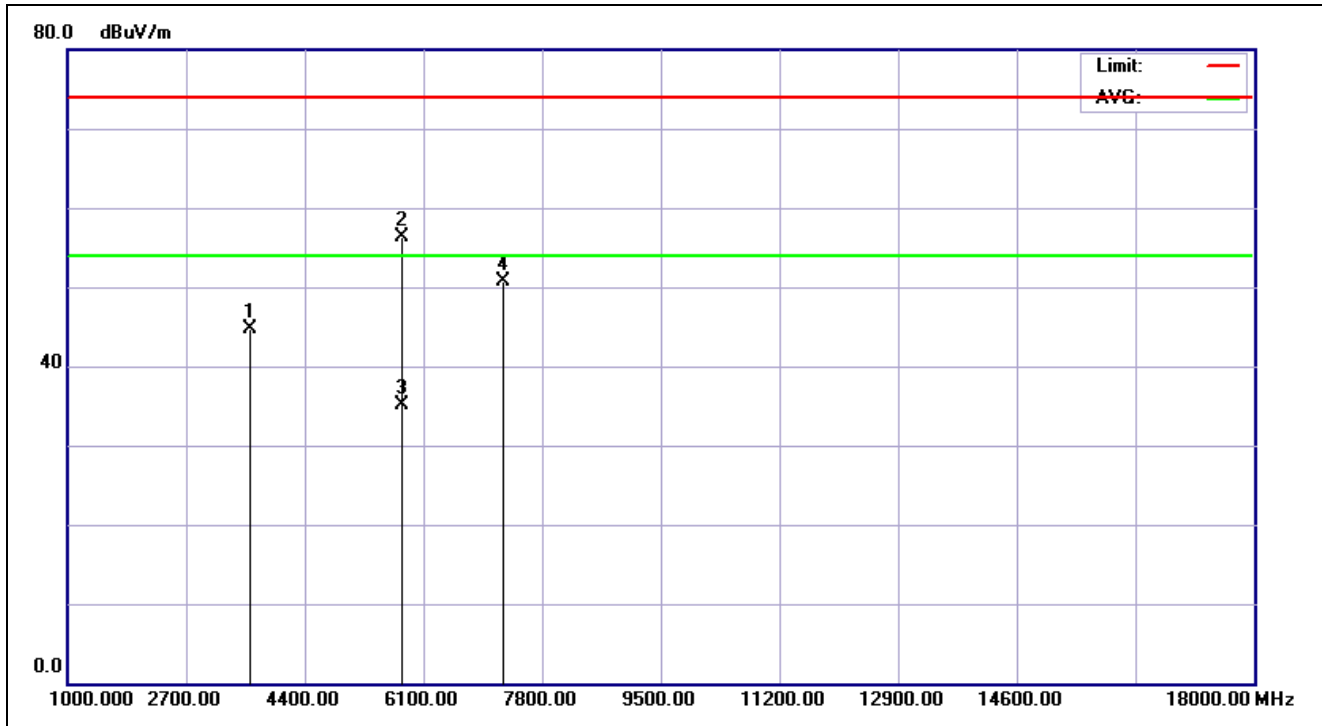
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:12:26
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4350.962	-3.94	49.34	45.40	74.00	-28.60	peak	100	115	
2	5794.872	2.33	53.26	55.59	74.00	-18.41	peak	100	290	
3	5794.872	2.33	32.44	34.77	54.00	-19.23	AVG	100	290	
4	7919.872	6.05	44.46	50.51	74.00	-23.49	peak	100	336	



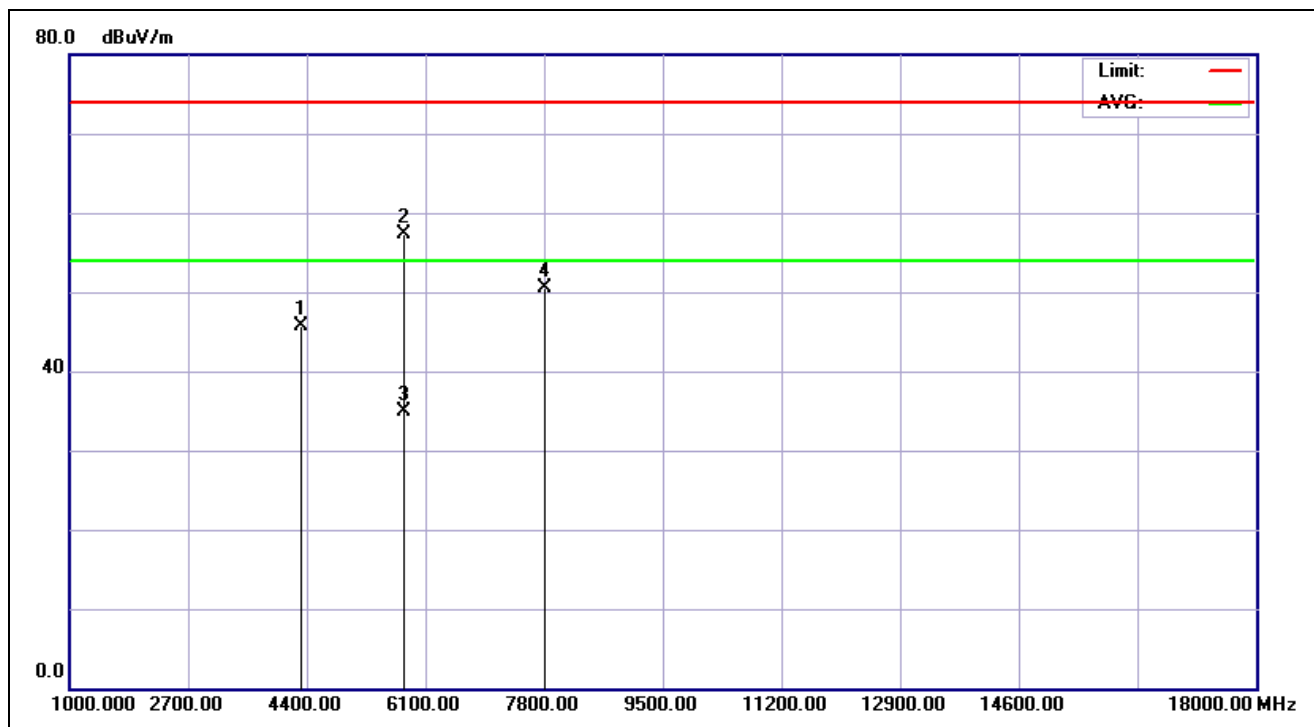
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:15:01
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4405.449	-3.73	49.43	45.70	74.00	-28.30	peak	100	131	
2	5903.846	3.07	45.61	48.68	74.00	-25.32	peak	100	309	
3	7919.872	6.05	44.72	50.77	74.00	-23.23	peak	100	272	



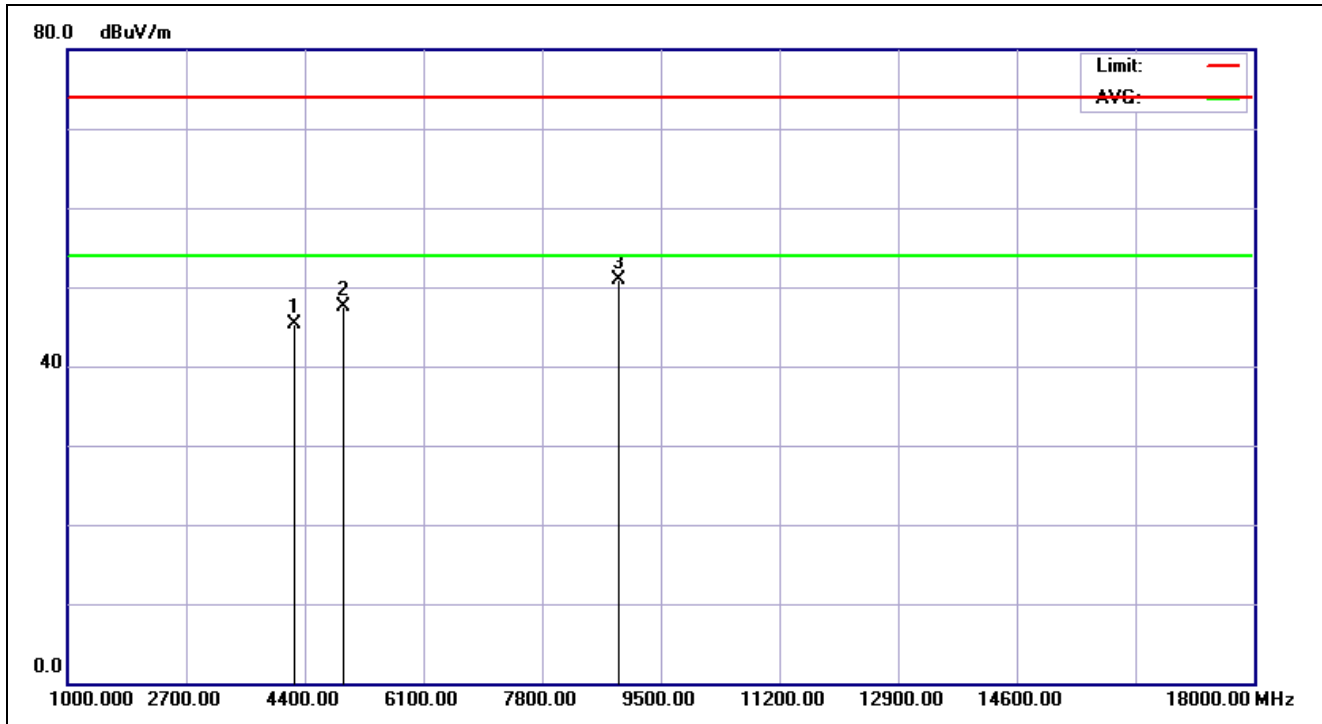
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:16:03
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3615.385	-5.55	50.31	44.76	74.00	-29.24	peak	100	341	
2	5794.872	2.33	54.03	56.36	74.00	-17.64	peak	100	227	
3	5794.872	2.33	32.83	35.16	54.00	-18.84	AVG	100	227	
4	7238.782	5.52	45.12	50.64	74.00	-23.36	peak	100	64	



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:17:46
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4323.718	-4.04	49.66	45.62	74.00	-28.38	peak	100	336	
2	5794.872	2.33	54.94	57.27	74.00	-16.73	peak	100	277	
3	5794.872	2.33	32.64	34.97	54.00	-19.03	AVG	100	277	
4	7810.897	6.10	44.50	50.60	74.00	-23.40	peak	100	102	



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:18:49
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4241.987	-4.36	49.57	45.21	74.00	-28.79	peak	100	91	
2	4950.320	-2.21	49.74	47.53	74.00	-26.47	peak	100	218	
3	8900.641	6.79	44.08	50.87	74.00	-23.13	peak	100	48	

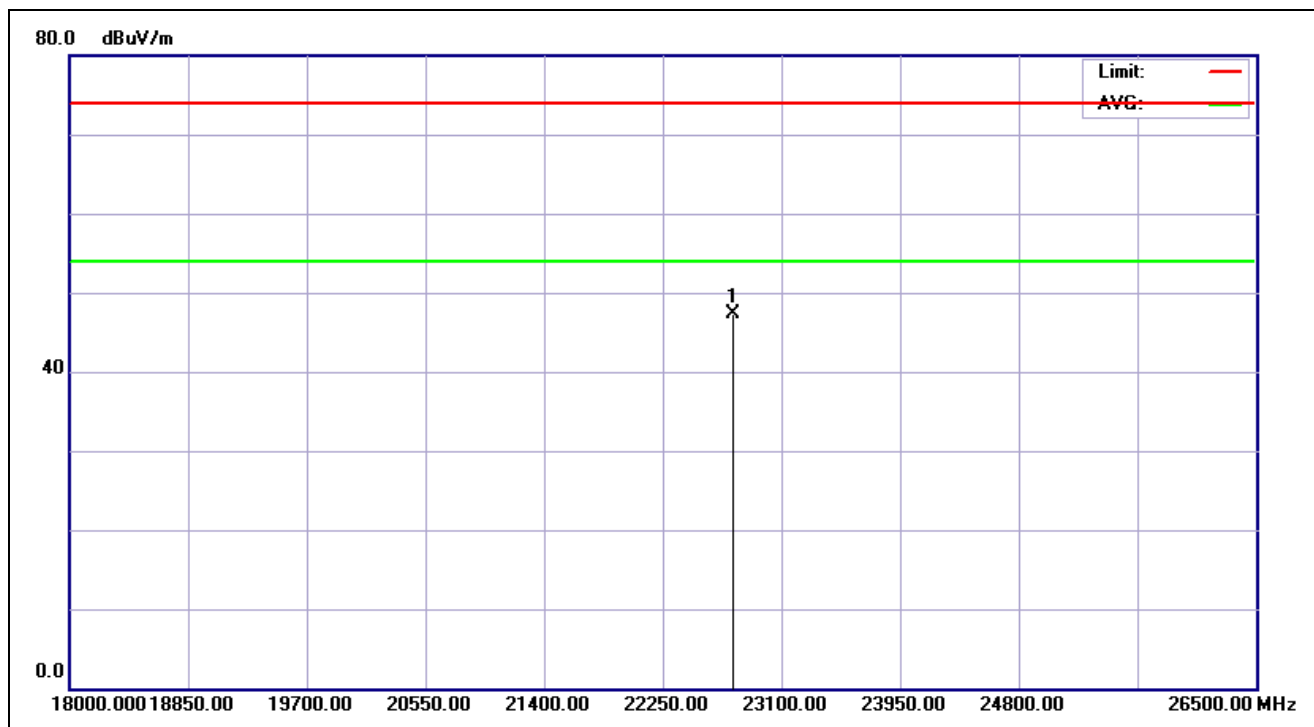
Spurious Emissions, TX Mode, 18-26G



TUV Taiwan

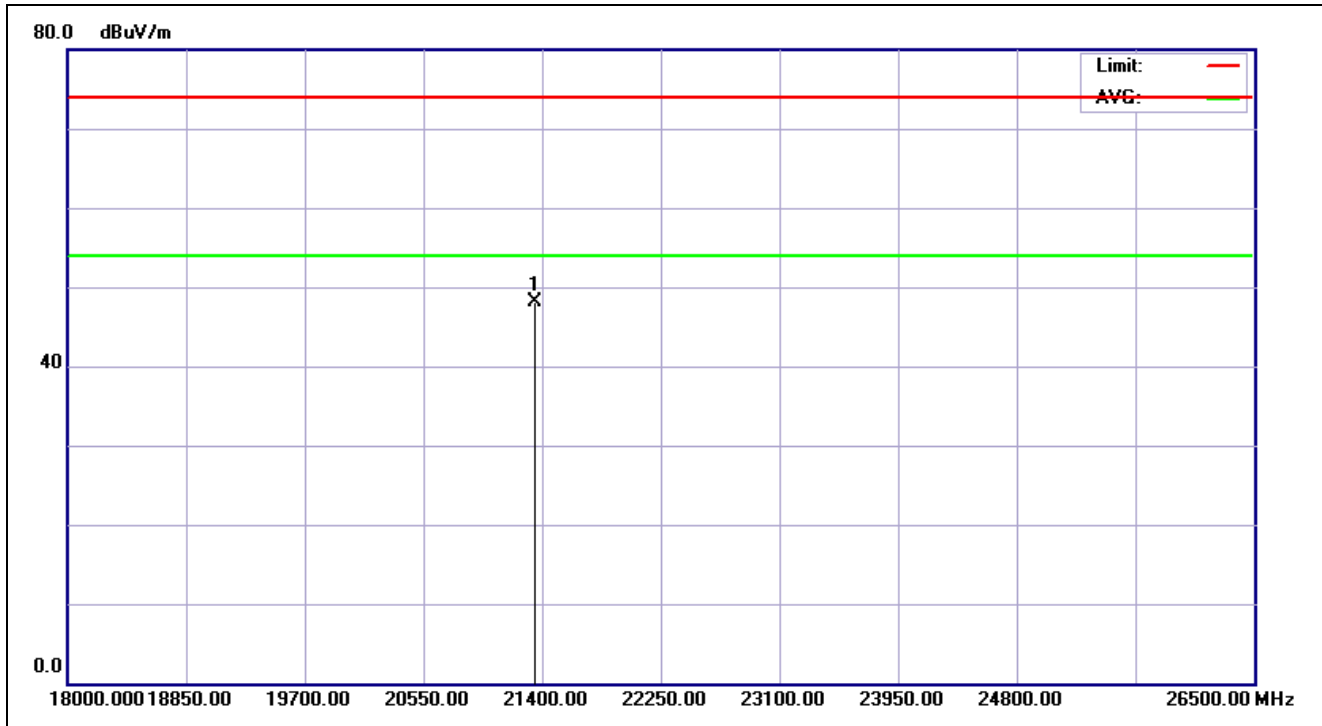
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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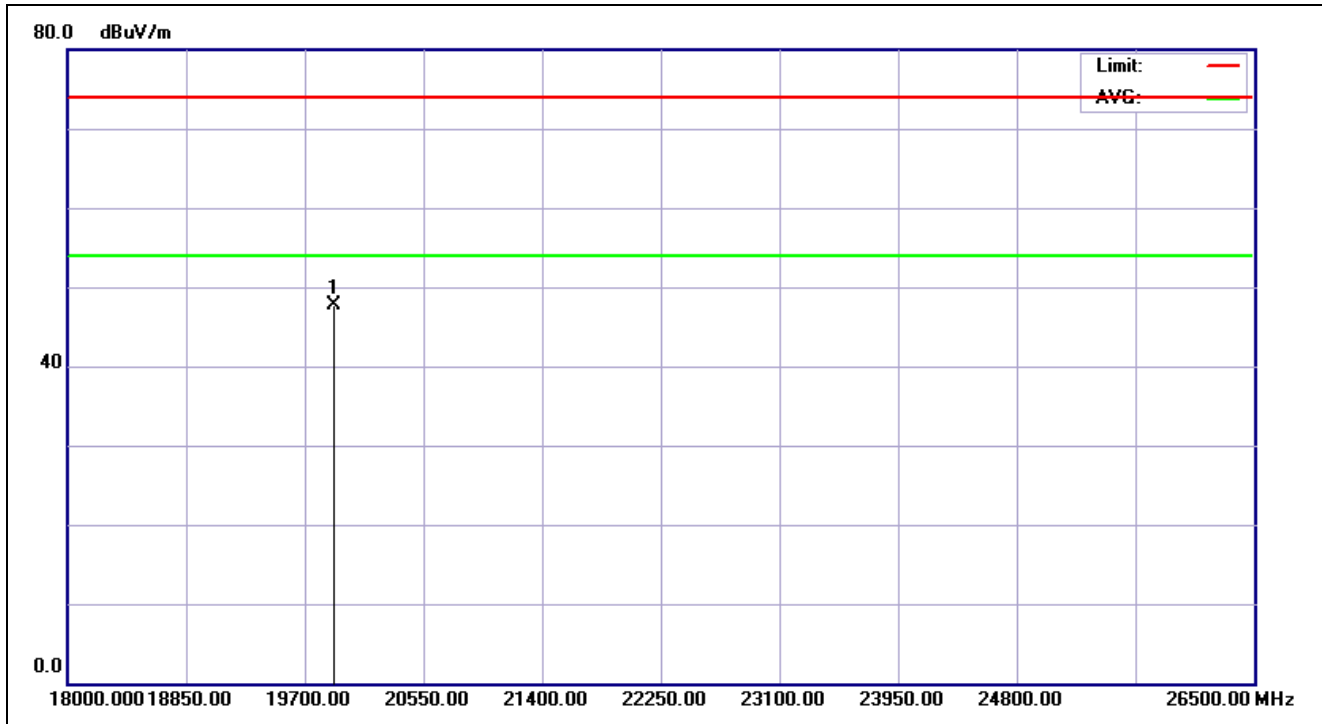
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:28:15
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22754.006	29.64	17.71	47.35	74.00	-26.65	peak			



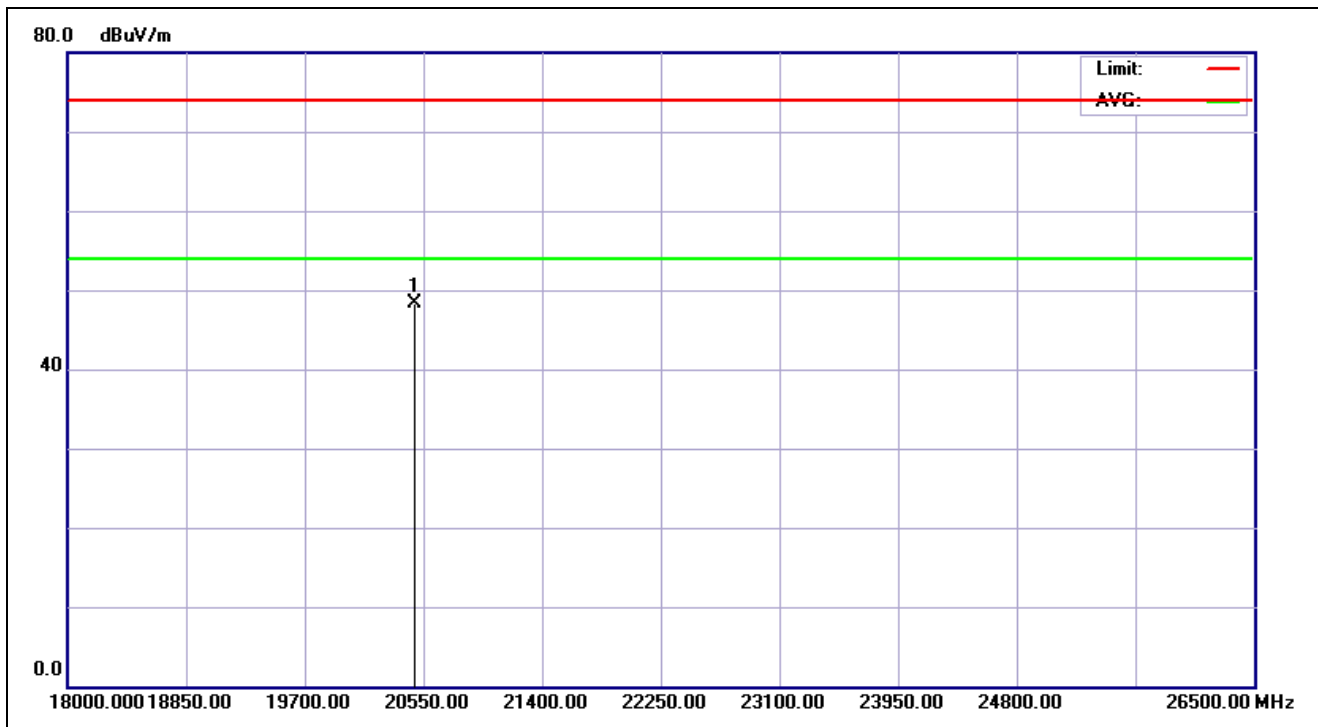
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Test item:	Radiation Emission	Test Time:	2013/11/21 13:29:31
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21350.962	29.48	18.69	48.17	74.00	-25.83	peak			



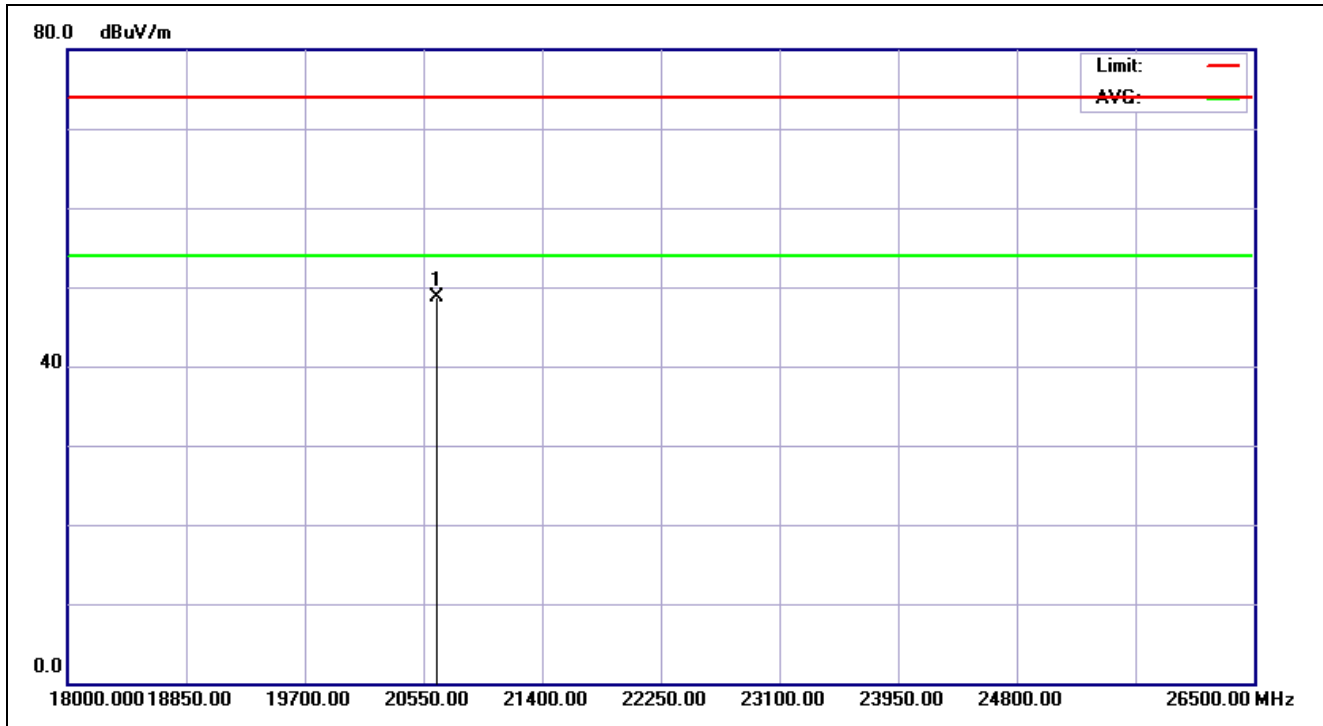
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:30:03
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19907.051	29.24	18.46	47.70	74.00	-26.30	peak			



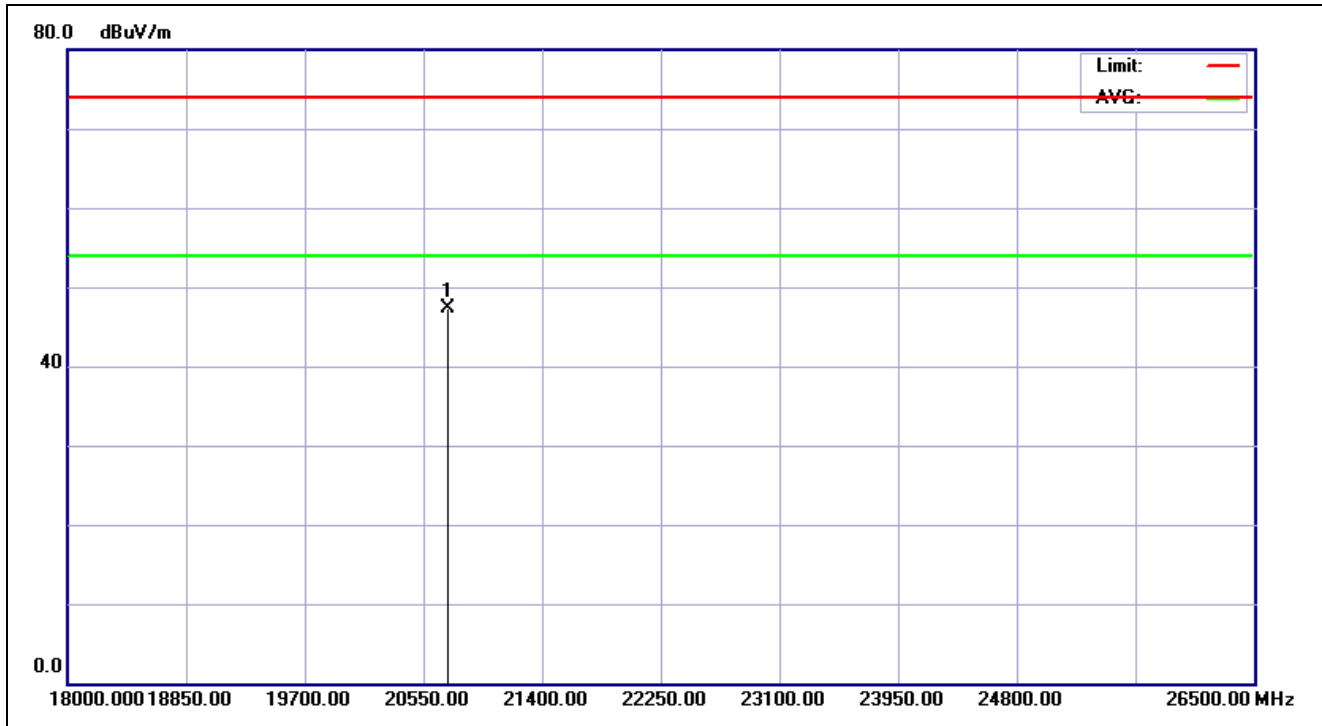
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:30:40
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20492.788	29.57	18.75	48.32	74.00	-25.68	peak			



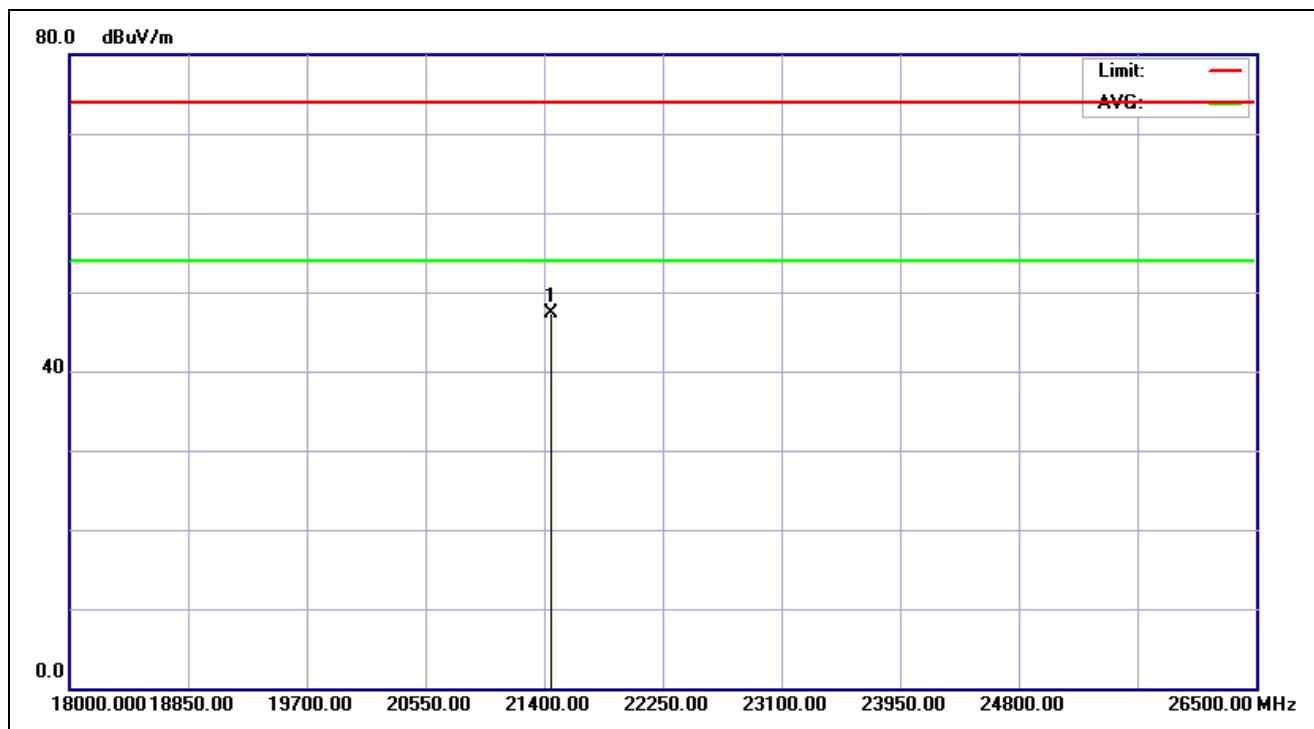
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:31:29
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20642.628	29.57	19.23	48.80	74.00	-25.20	peak			



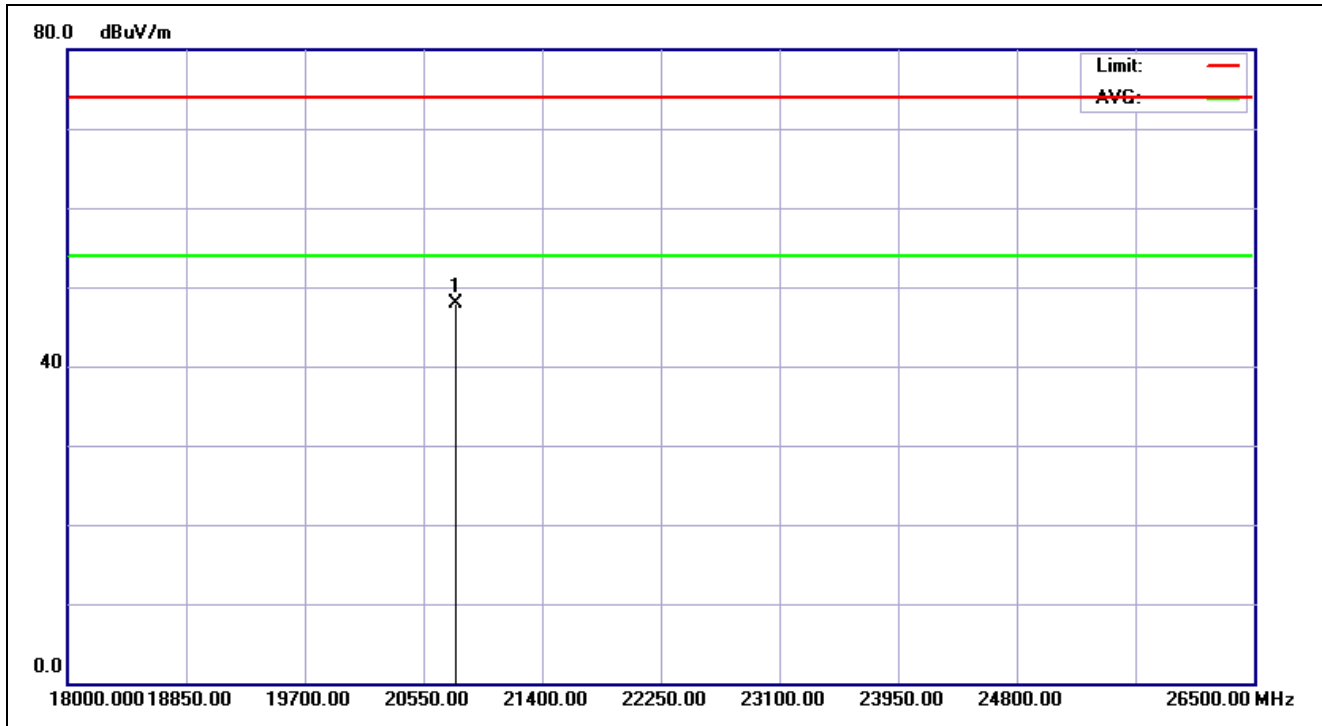
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:32:08
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	BT-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20724.359	29.58	17.82	47.40	74.00	-26.60	peak			



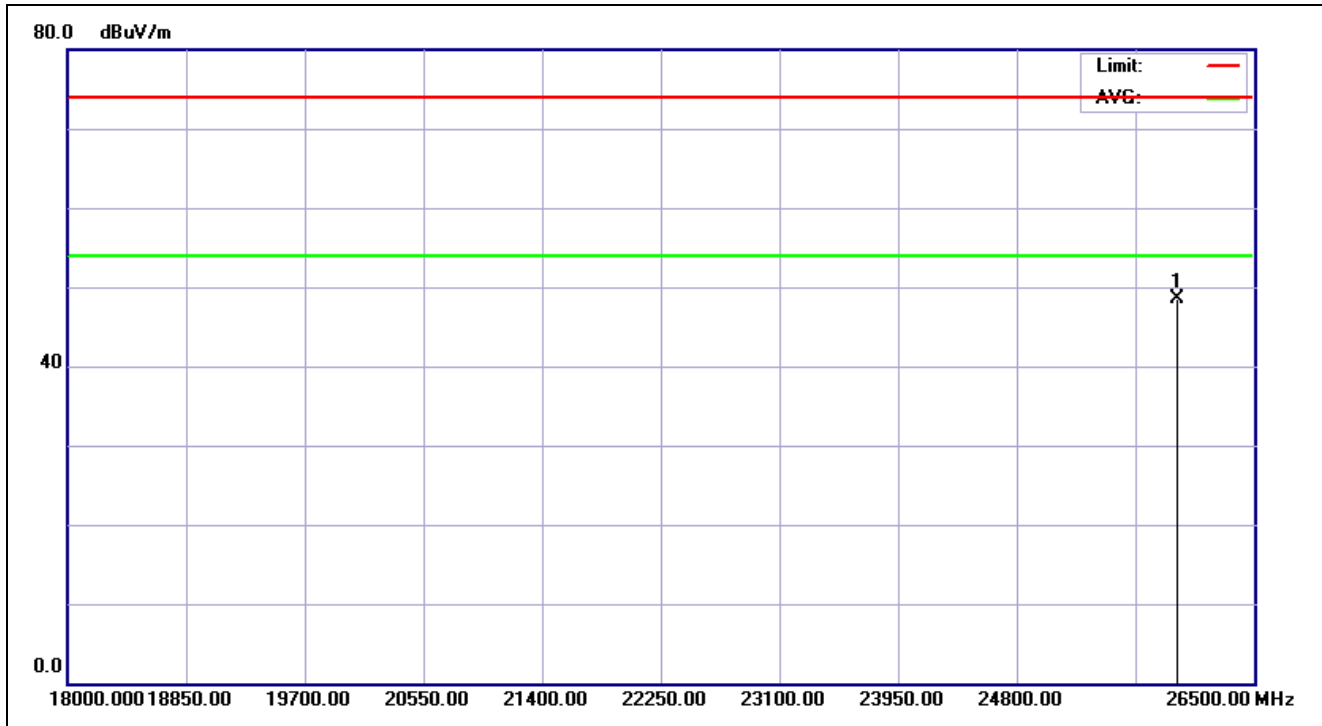
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:32:45
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21446.314	29.46	17.78	47.24	74.00	-26.76	peak			



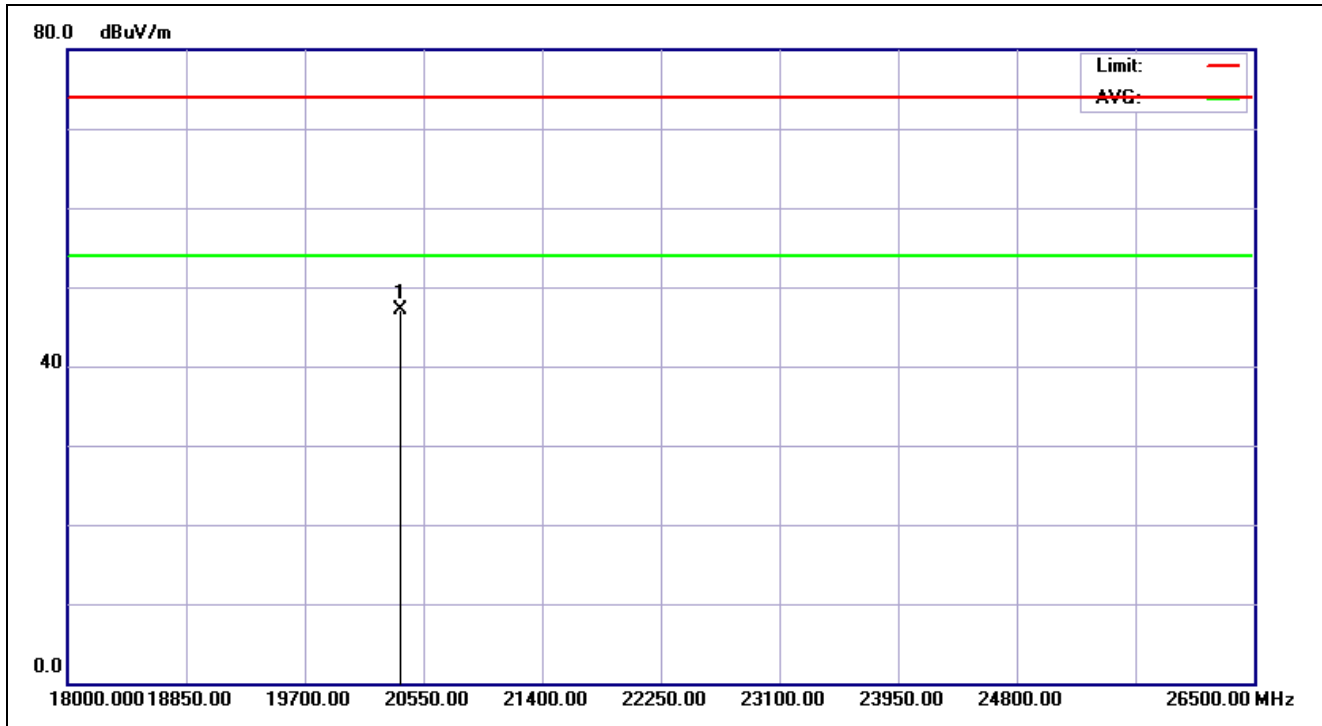
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:33:11
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2402		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20778.846	29.57	18.29	47.86	74.00	-26.14	peak			



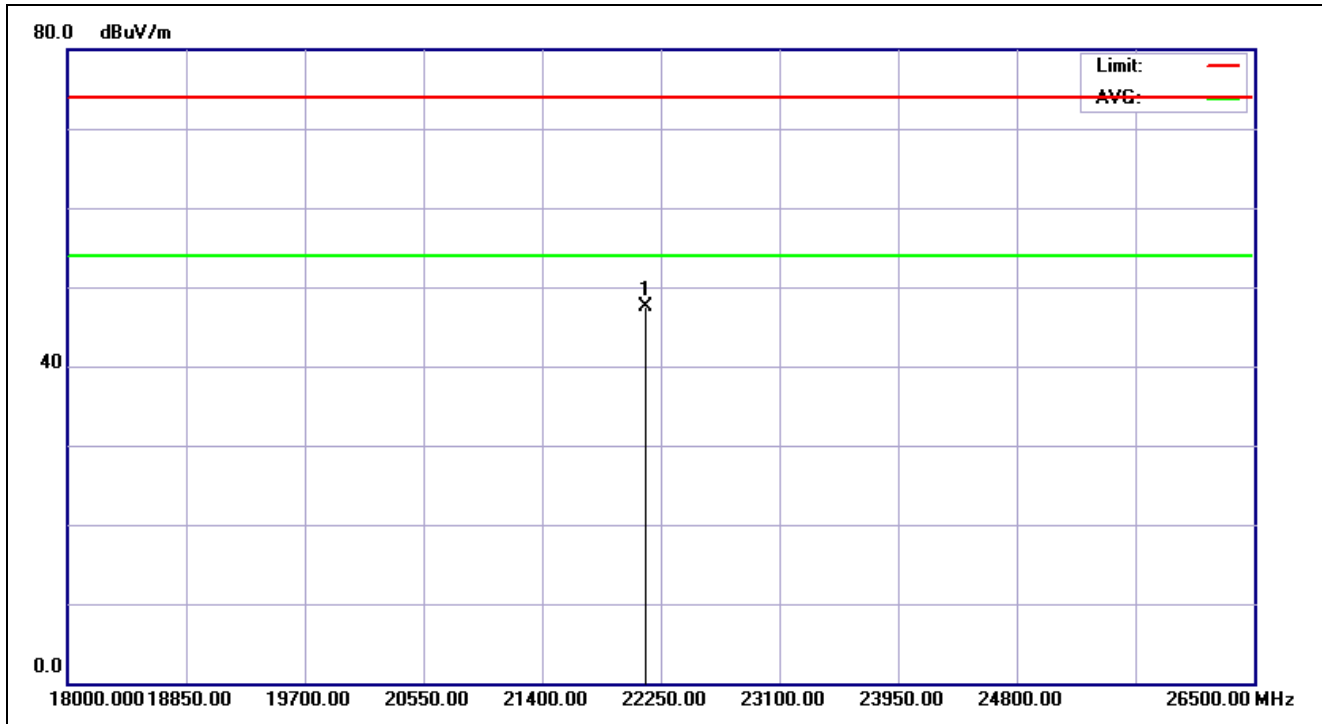
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:33:40
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25955.128	32.16	16.33	48.49	74.00	-25.51	peak			



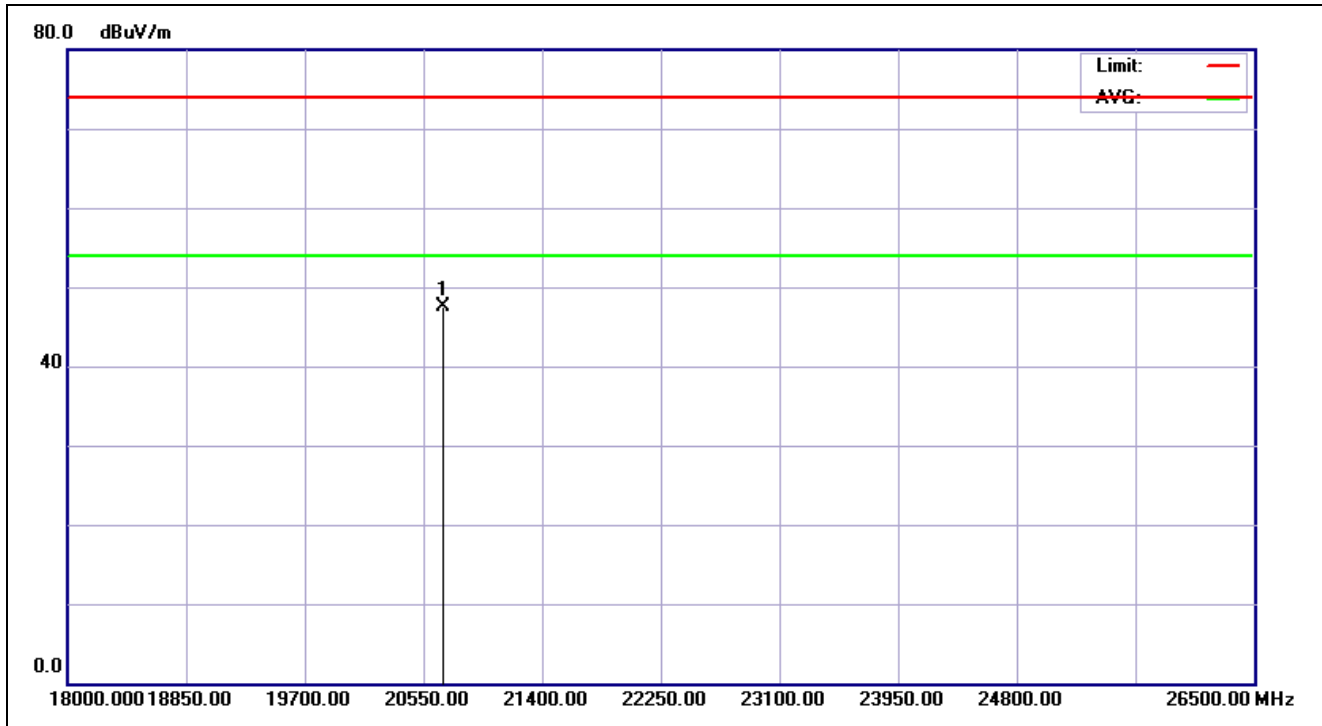
Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:34:05
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%)	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2441		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20383.814	29.51	17.66	47.17	74.00	-26.83	peak			



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 13:34:33
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22141.026	29.28	18.13	47.41	74.00	-26.59	peak			



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 13:35:01
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	EDR-2480		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20697.115	29.57	17.95	47.52	74.00	-26.48	peak			

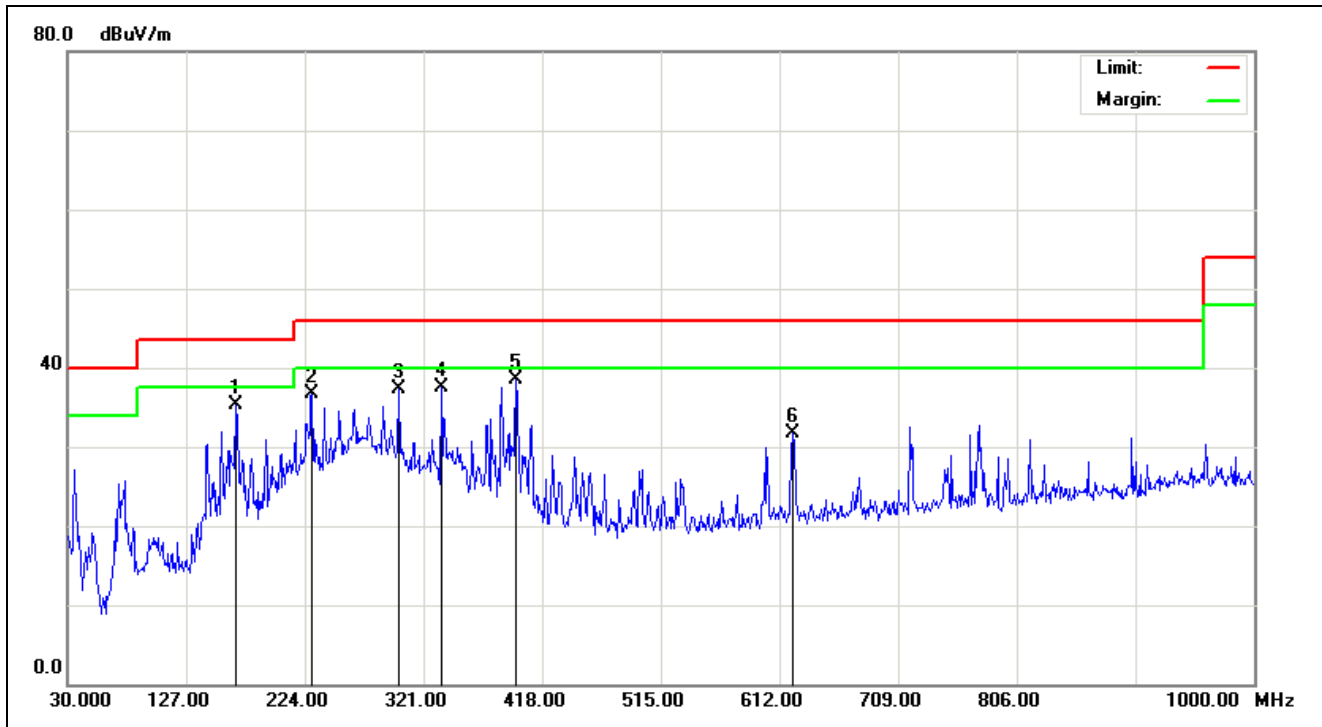
Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

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

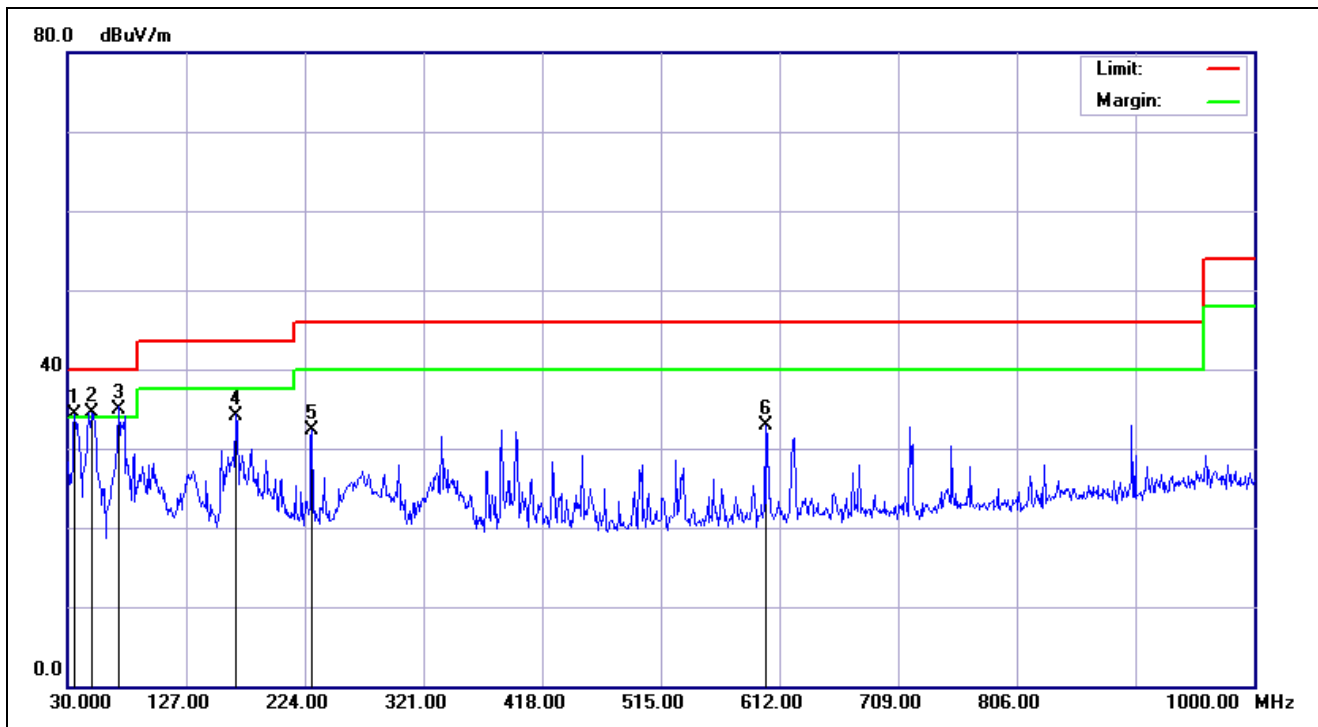
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2013/11/21 10:48:49
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	167.7400	-14.67	49.90	35.23	43.50	-8.27	QP	100	278	
2	229.8199	-13.56	50.22	36.66	46.00	-9.34	QP	100	176	
3	300.6298	-10.38	47.73	37.35	46.00	-8.65	QP	100	190	
4	335.5500	-9.76	47.27	37.51	46.00	-8.49	QP	100	187	
5	396.6600	-8.67	47.14	38.47	46.00	-7.53	QP	100	339	
6	622.6699	-5.74	37.43	31.69	46.00	-14.31	QP	100	233	

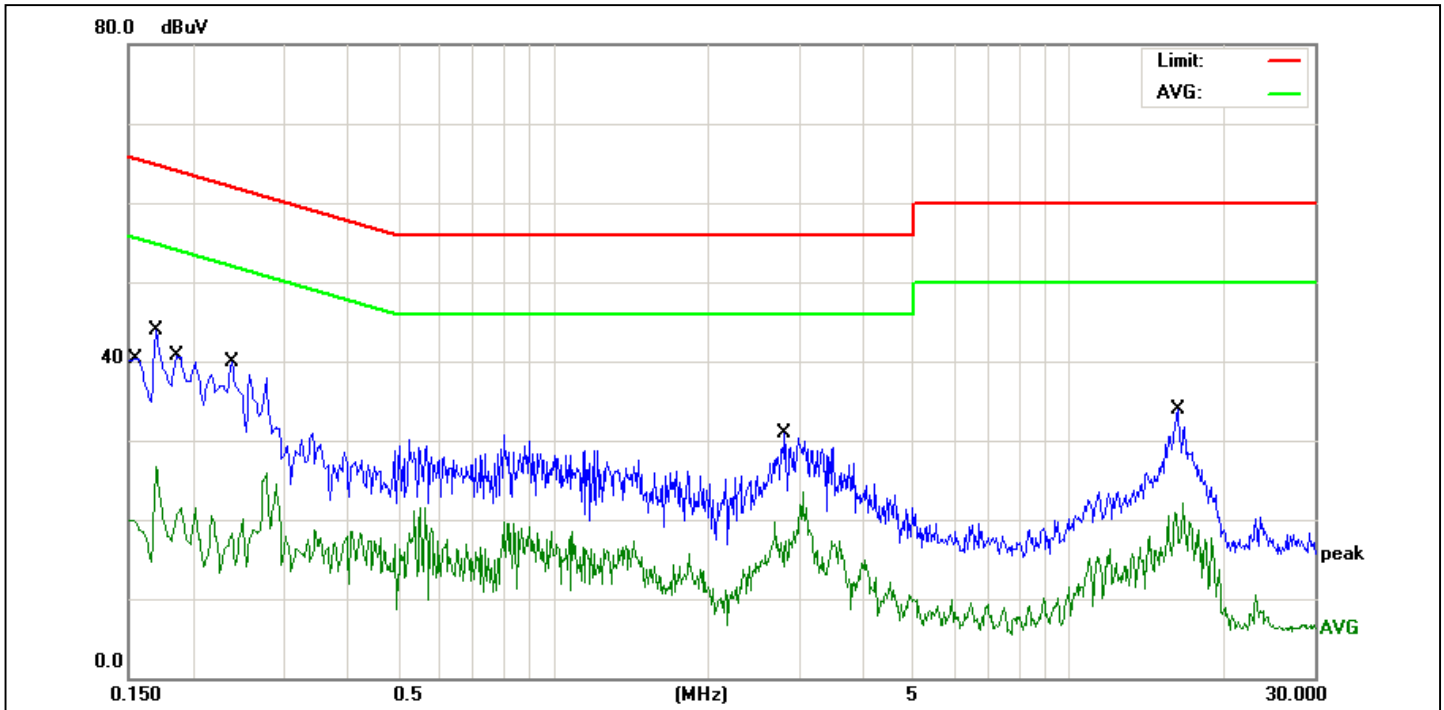
Spurious Emissions, TX Mode, 30M-1G



Service No.:	114015422-BT	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2013/11/21 10:49:52
Applicant:	Trans	Test Rating:	AC 120V/60Hz
Product:	Bluetooth music reciver	Temp.(°C)/Hum.(%):	22(°C)/52%
Model No.:	BTR-3002	Test Engineer:	Hugo Chang
Test Mode:	TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	35.8200	-9.28	43.65	34.37	40.00	-5.63	QP	100	232	
2	50.3700	-17.13	51.64	34.51	40.00	-5.49	QP	100	288	
3	71.7100	-18.67	53.58	34.91	40.00	-5.09	QP	100	149	
4	167.7400	-14.67	48.87	34.20	43.50	-9.30	QP	100	197	
5	229.8200	-13.56	45.86	32.30	46.00	-13.70	QP	100	360	
6	600.3600	-5.97	38.86	32.89	46.00	-13.11	QP	100	168	

Mains Spurious Emissions


Service No.: 114015422

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission

Phase: L1

Applicant: Trans

Temp.(°C)/Hum.(%): 22.1(°C) / 57 %

Product: Bluetooth music receiver

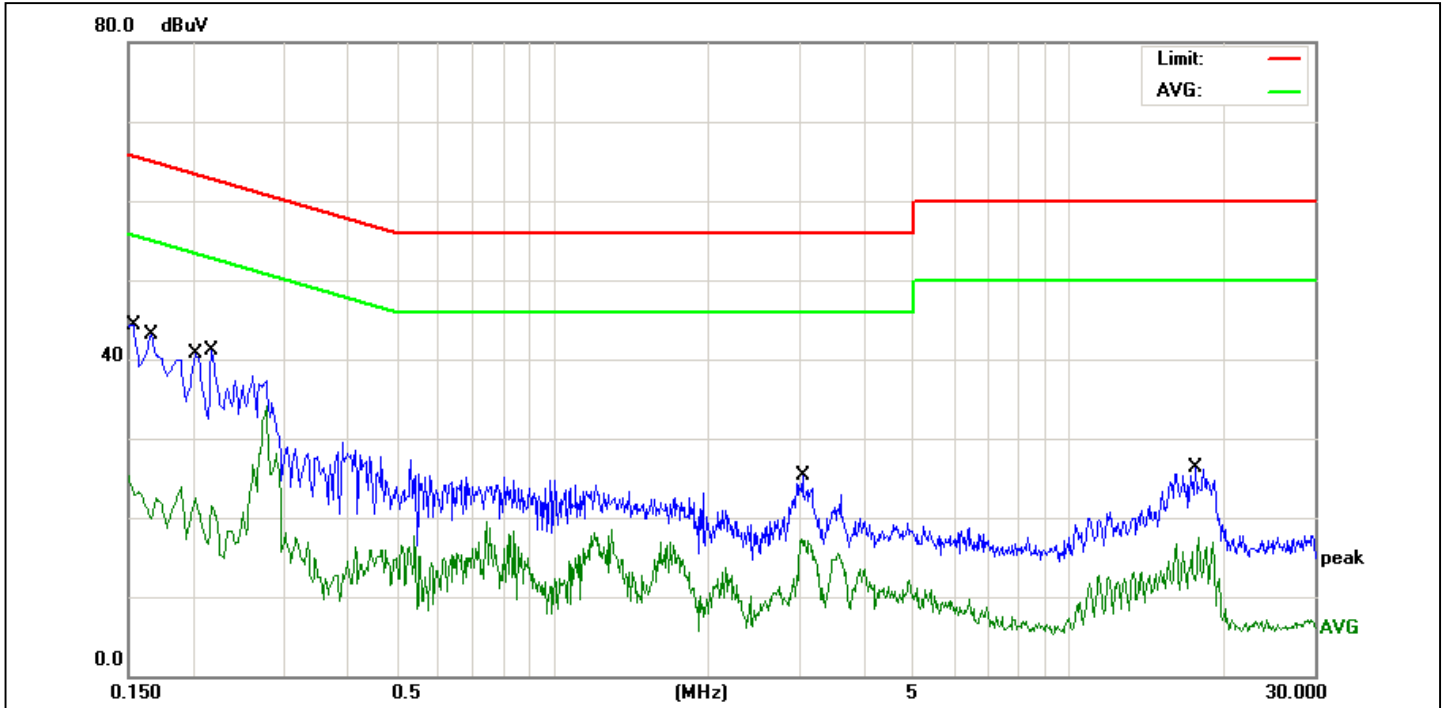
Power Rating: AC 120V/60Hz

Model No.: BTR3002

Test Engineer: Freeman Wang

Test Mode:
Remark: (a)Normal operation with audio to RCA port

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	9.62	30.43	40.05	65.78	-25.73	QP	P	
2	0.1539	9.62	9.65	19.27	55.78	-36.51	AVG	P	
3	0.1700	9.62	29.37	38.99	64.96	-25.97	QP	P	
4	0.1700	9.62	9.28	18.90	54.96	-36.06	AVG	P	
5	0.1860	9.60	27.45	37.05	64.21	-27.16	QP	P	
6	0.1860	9.60	9.27	18.87	54.21	-35.34	AVG	P	
7	0.2380	9.60	25.21	34.81	62.16	-27.35	QP	P	
8	0.2380	9.60	5.90	15.50	52.16	-36.66	AVG	P	
9	2.8140	9.64	13.04	22.68	56.00	-33.32	QP	P	
10	2.8140	9.64	3.68	13.32	46.00	-32.68	AVG	P	
11	16.2780	9.79	16.95	26.74	60.00	-33.26	QP	P	
12	16.2780	9.79	5.07	14.86	50.00	-35.14	AVG	P	


Service No.: 114015422

Test Standard: FCC Part 15 Class B Conduction

Test item: Conducted Emission

Phase: N

Applicant: Trans

Temp.(°C)/Hum.(%): 22.1(°C) / 57 %

Product: Bluetooth music receiver

Power Rating: AC 120V/60Hz

Model No.: BTR3002

Test Engineer: Freeman Wang

Test Mode:
Remark: (a)Normal operation with audio to RCA port

No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	9.59	30.76	40.35	65.78	-25.43	QP	P	
2	0.1539	9.59	11.08	20.67	55.78	-35.11	AVG	P	
3	0.1660	9.59	28.12	37.71	65.15	-27.44	QP	P	
4	0.1660	9.59	10.04	19.63	55.15	-35.52	AVG	P	
5	0.2020	9.57	26.60	36.17	63.52	-27.35	QP	P	
6	0.2020	9.57	10.01	19.58	53.52	-33.94	AVG	P	
7	0.2180	9.57	25.12	34.69	62.89	-28.20	QP	P	
8	0.2180	9.57	8.51	18.08	52.89	-34.81	AVG	P	
9	3.0500	9.61	12.53	22.14	56.00	-33.86	QP	P	
10	3.0500	9.61	8.04	17.65	46.00	-28.35	AVG	P	
11	17.6060	9.79	7.33	17.12	60.00	-42.88	QP	P	
12	17.6060	9.79	-0.69	9.10	50.00	-40.90	AVG	P	