Test Report No.50093966 001

Appendix D: Radiated and Mains Spurious Emission Data

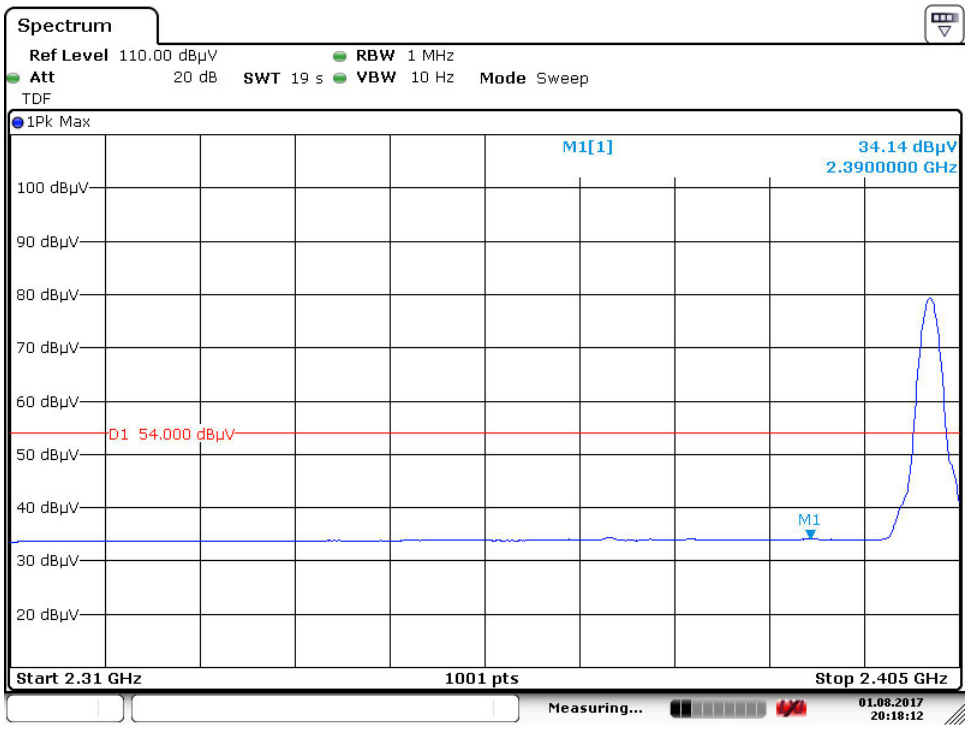
(File: 50093966AppendixD)

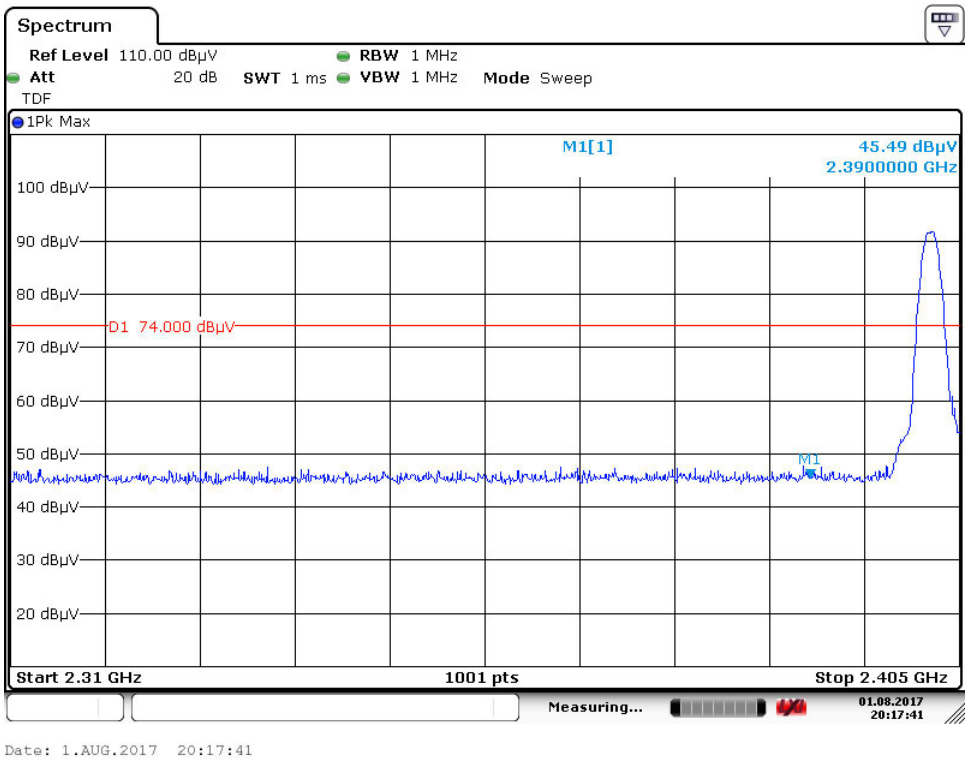
Contents

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, TX Mode, 9K-30M 36
Spurious Emissions, RX Mode, 1-18G 38
Spurious Emissions, RX Mode, 18-26G 40
Spurious Emissions, RX Mode, 30M-1G 42
Spurious Emissions, RX Mode, 9K-30M 44
Spurious Emissions, Mains, 150kHz - 30MHz 46

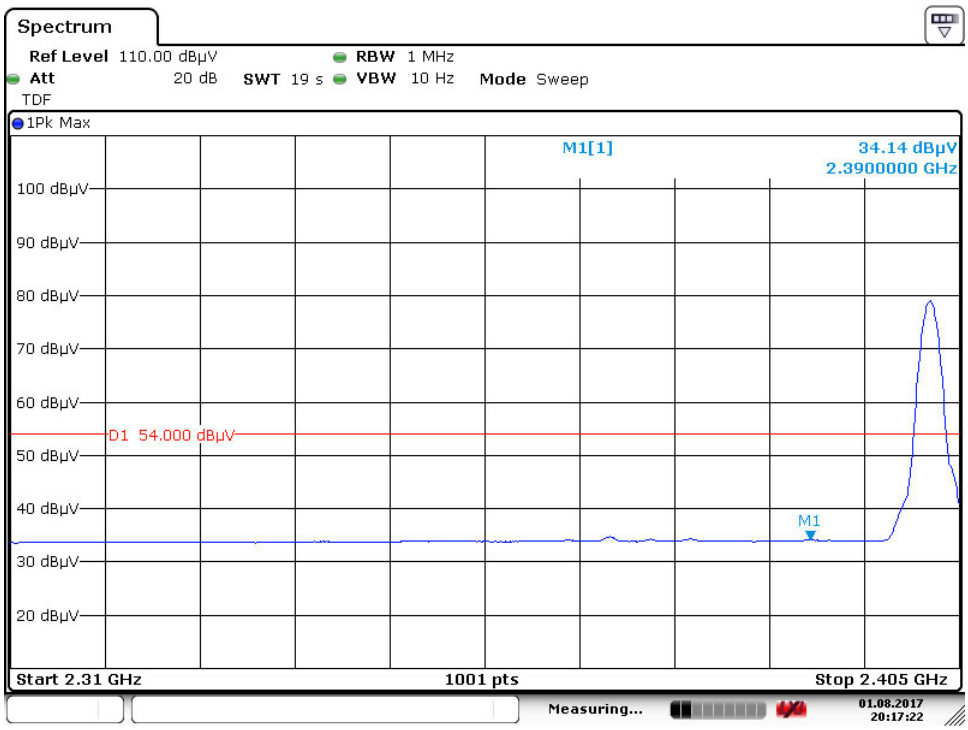
Radiated Bandedge (GFSK)

Low Channel (Hor)

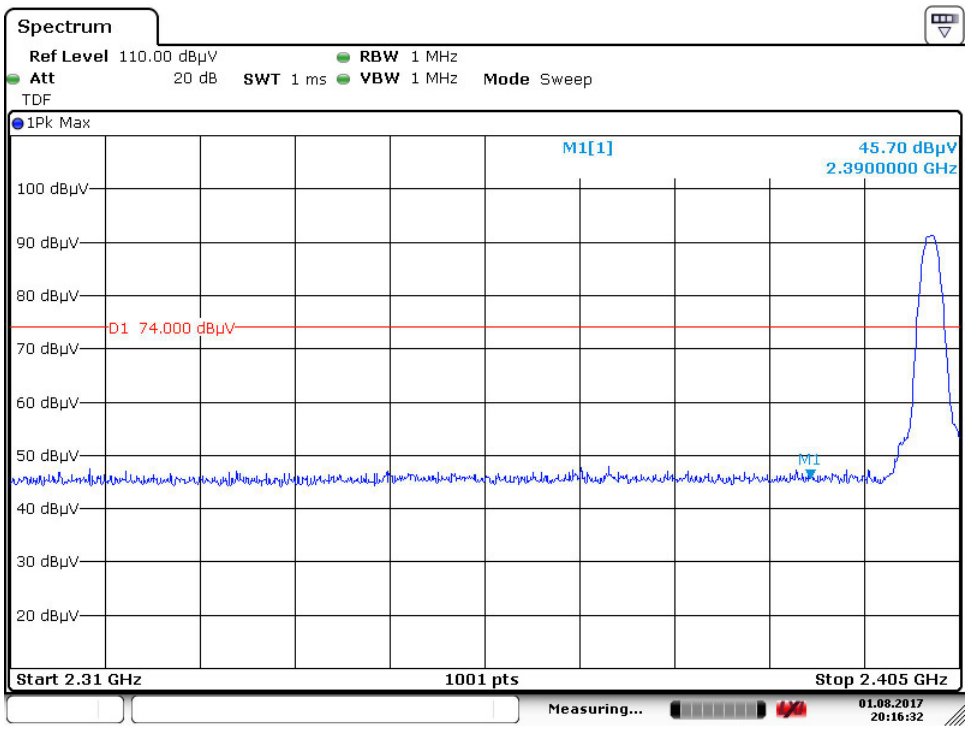




Low Channel (Ver)



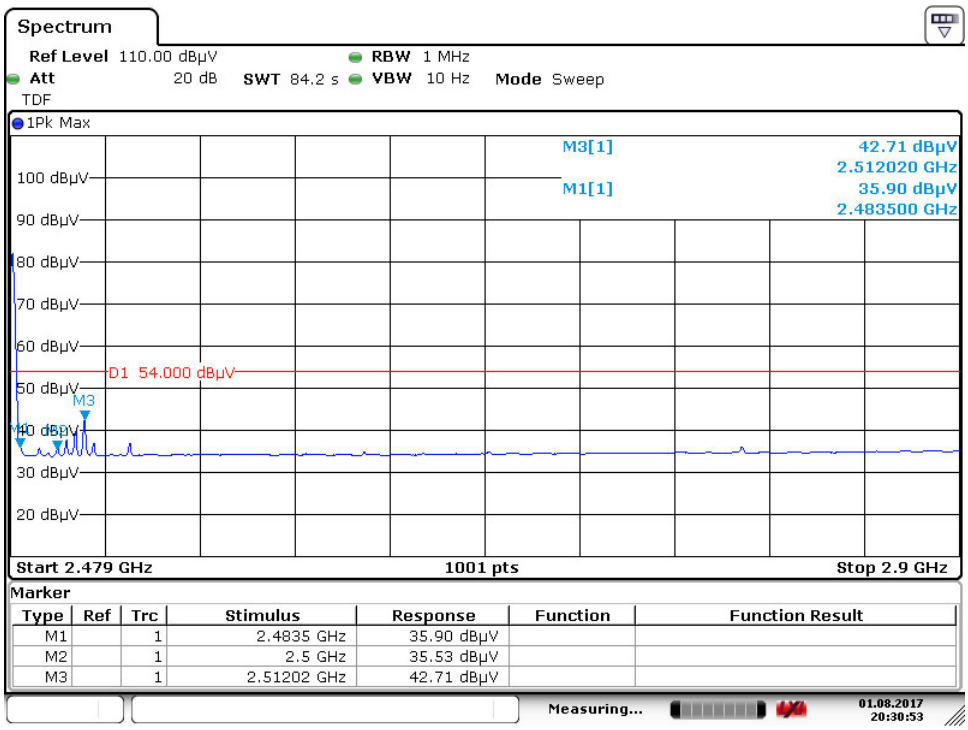
Date: 1.AUG.2017 20:17:22



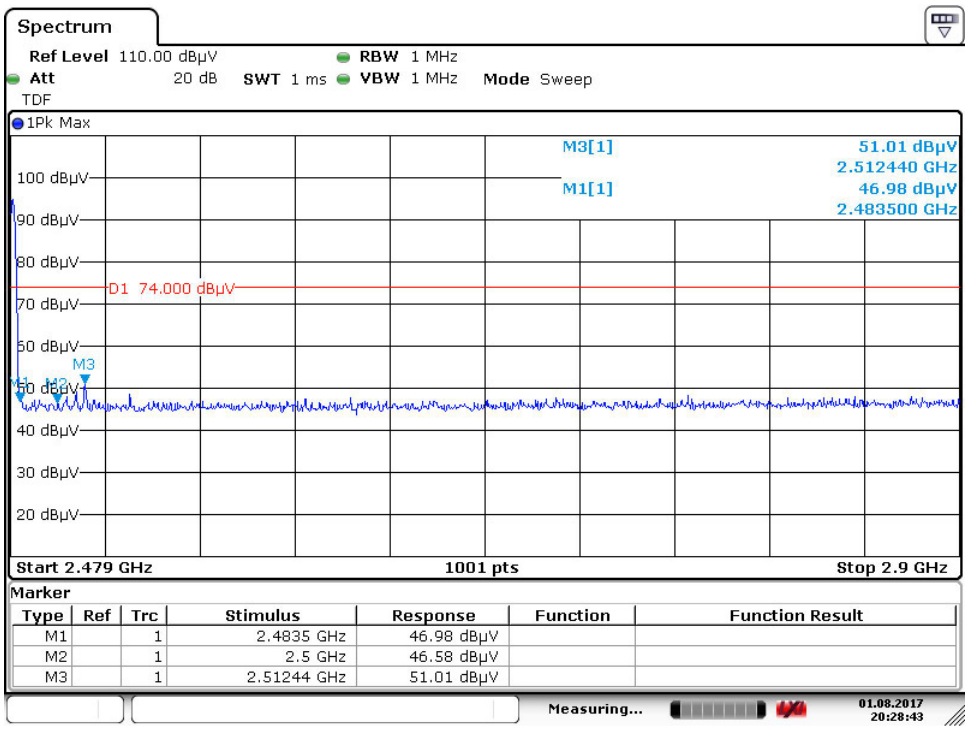
Date: 1.AUG.2017 20:16:32

Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



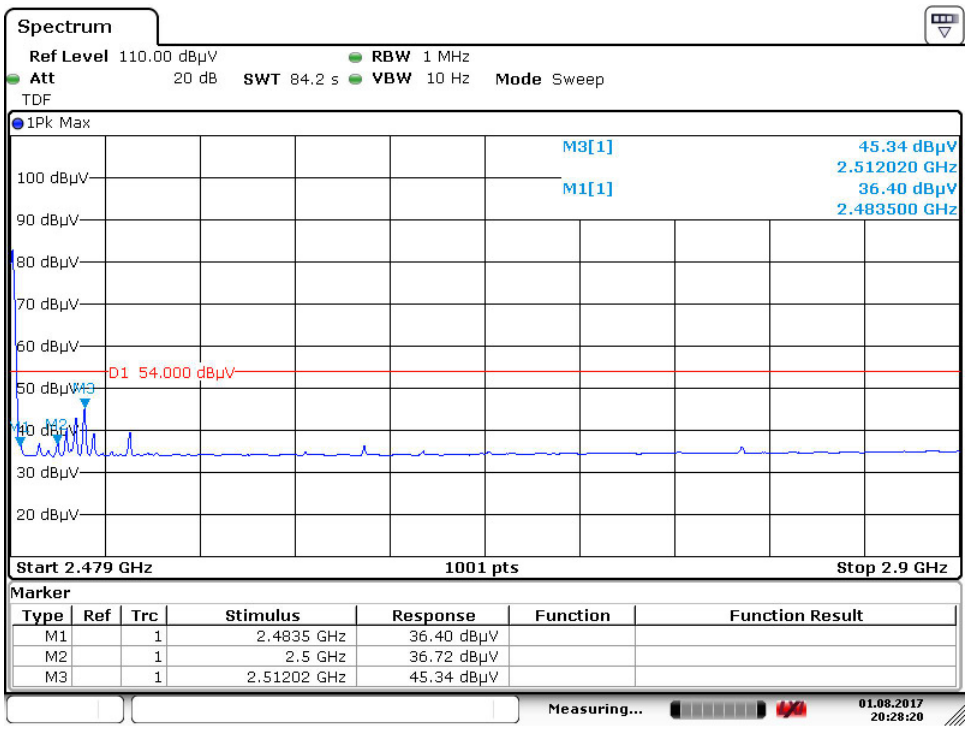
Date: 1.AUG.2017 20:30:53



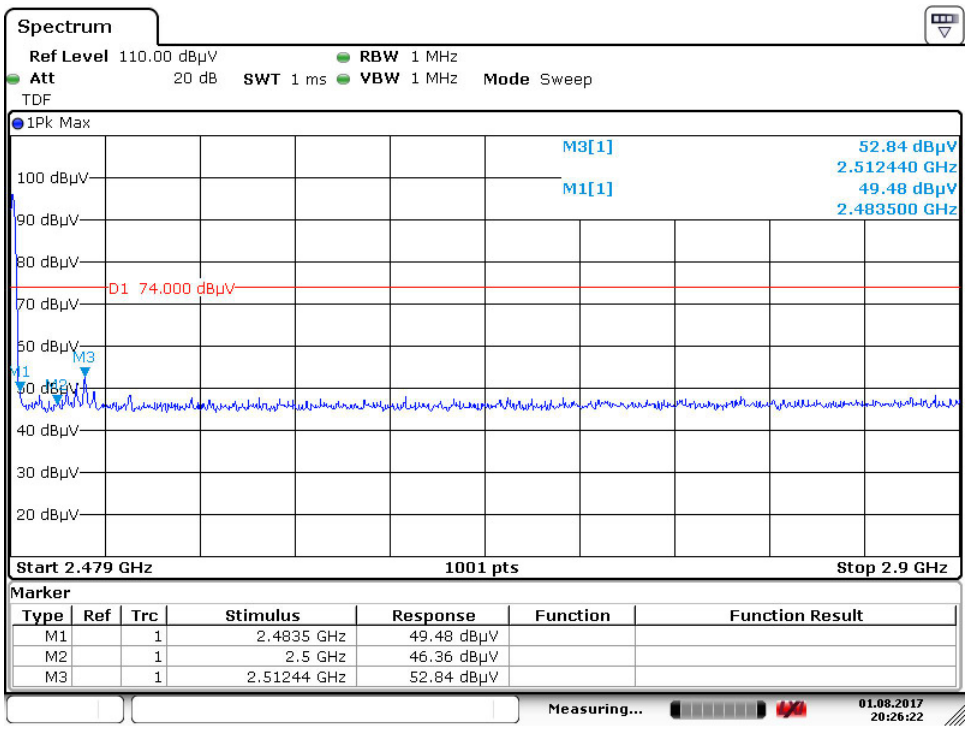
Date: 1.AUG.2017 20:28:43

Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Date: 1.AUG.2017 20:28:20

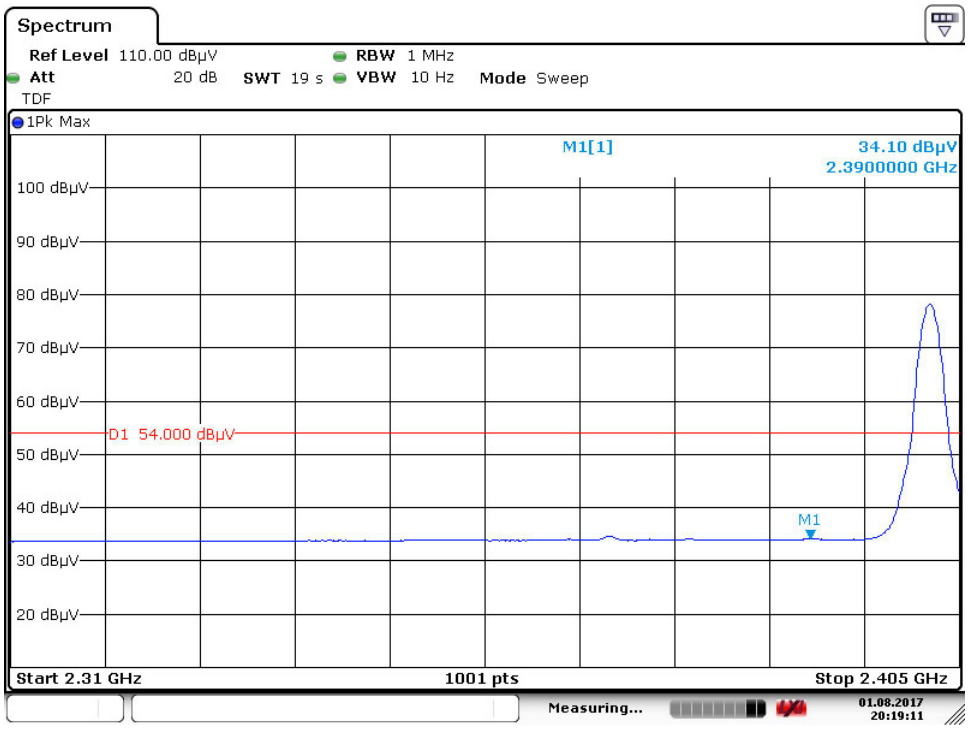


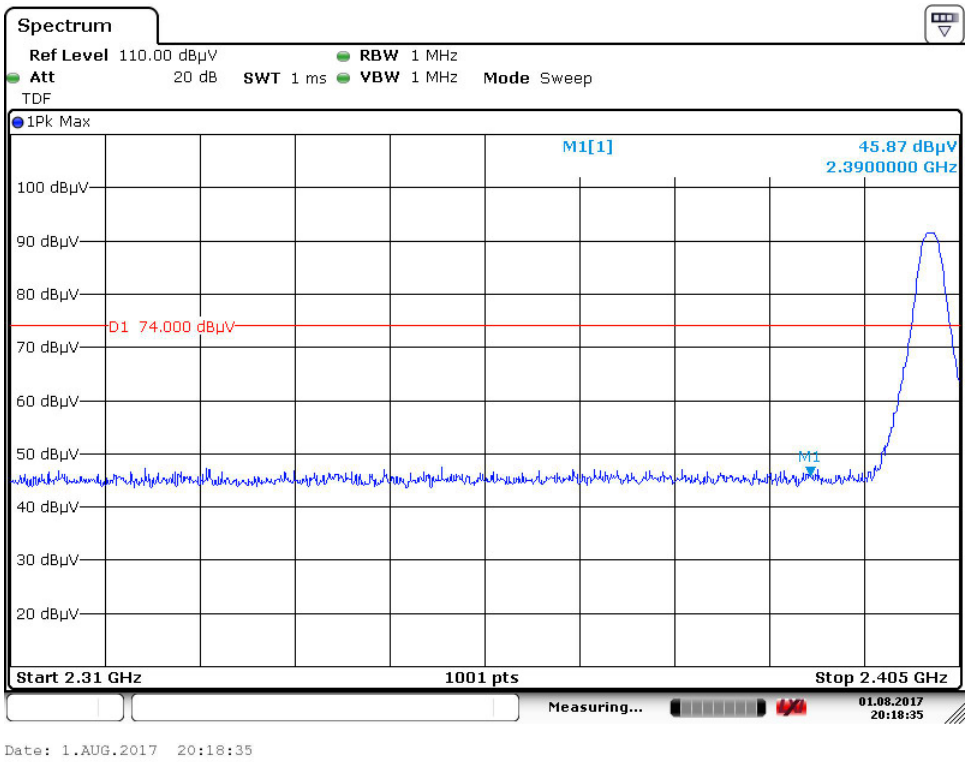
Date: 1.AUG.2017 20:26:22

Spurious Emissions, Band Edge, 2.35-2.5G

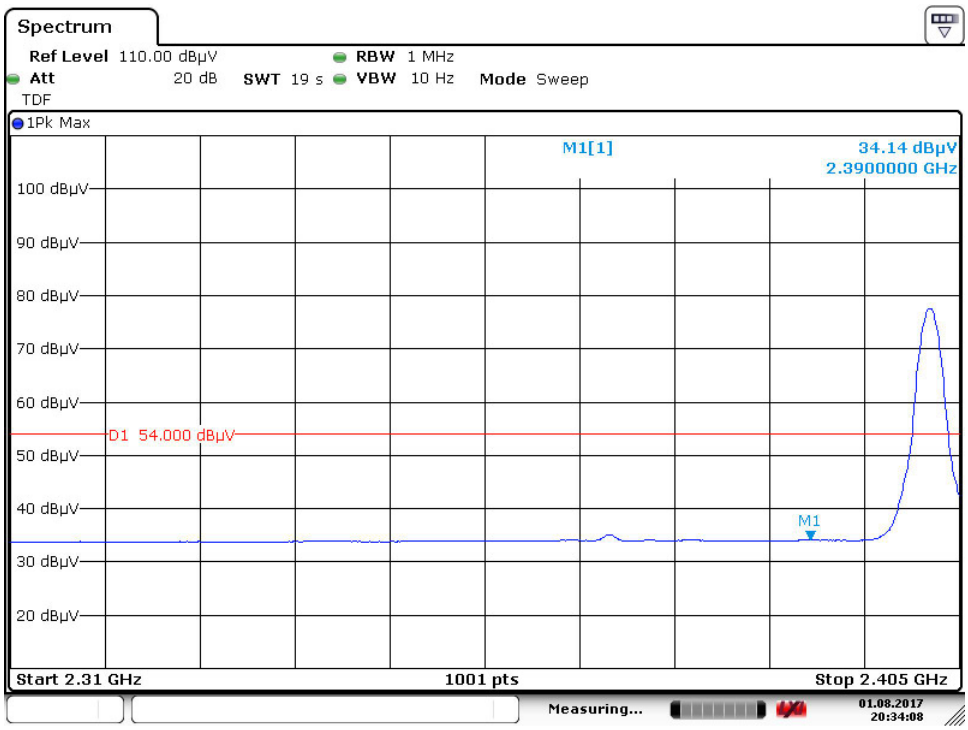
Radiated Bandedge (8DPSK)

Low Channel (Hor)

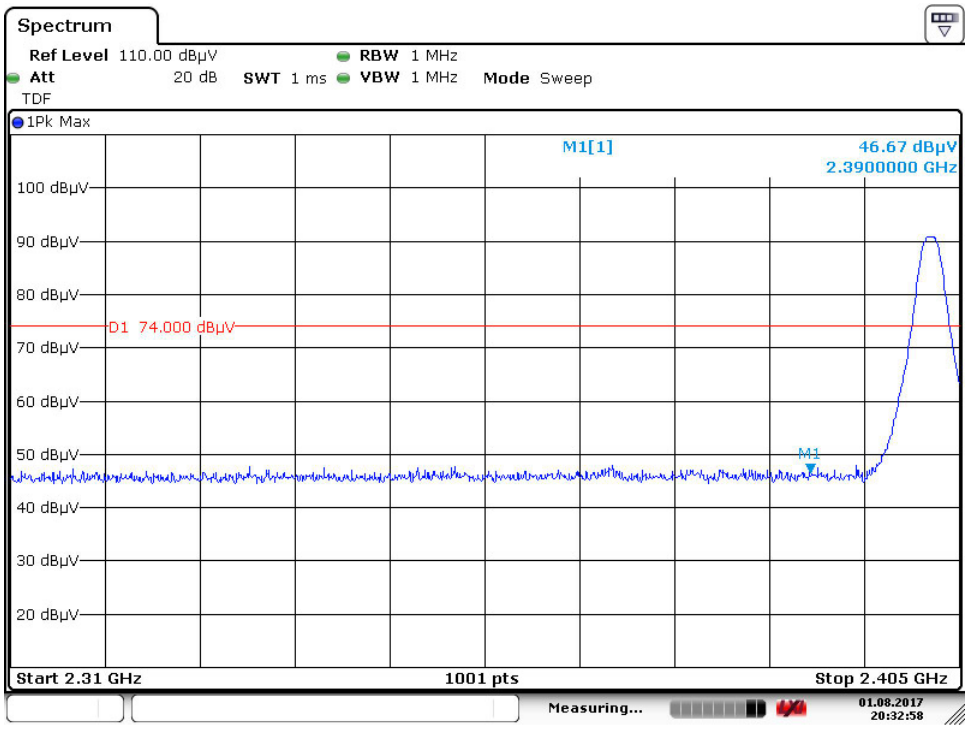




Low Channel (Ver)



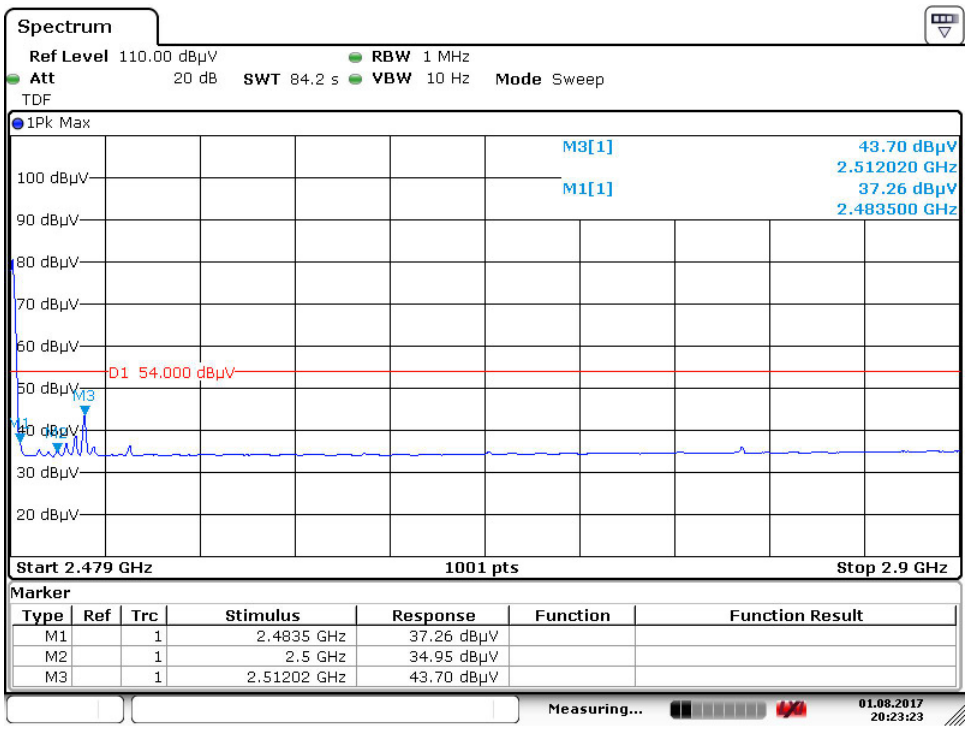
Date: 1.AUG.2017 20:34:08



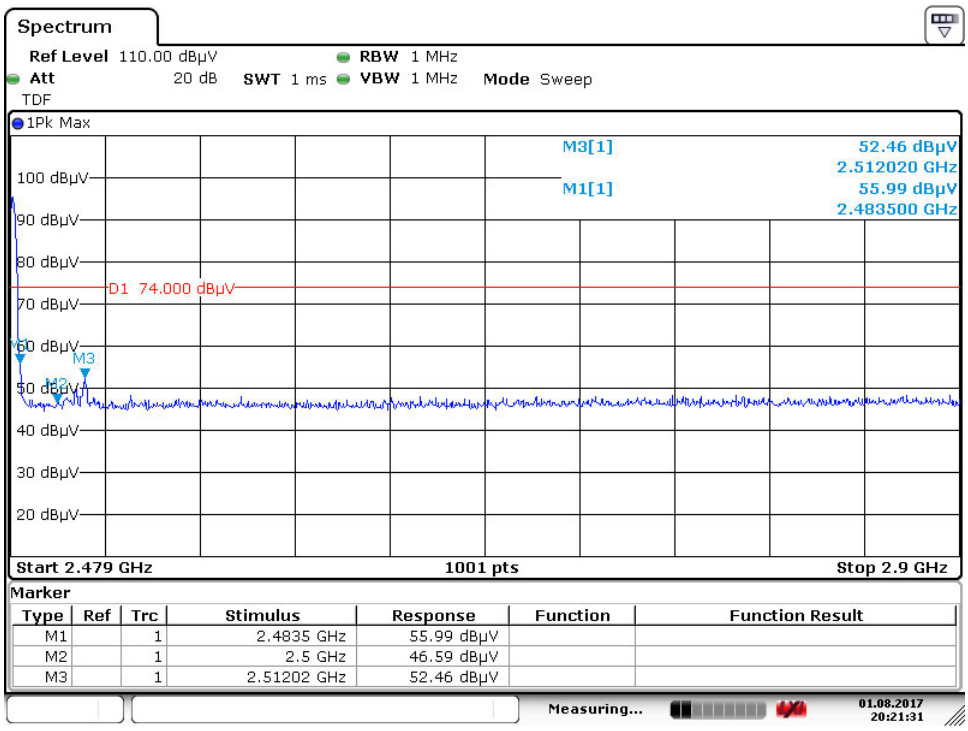
Date: 1.AUG.2017 20:32:58

Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



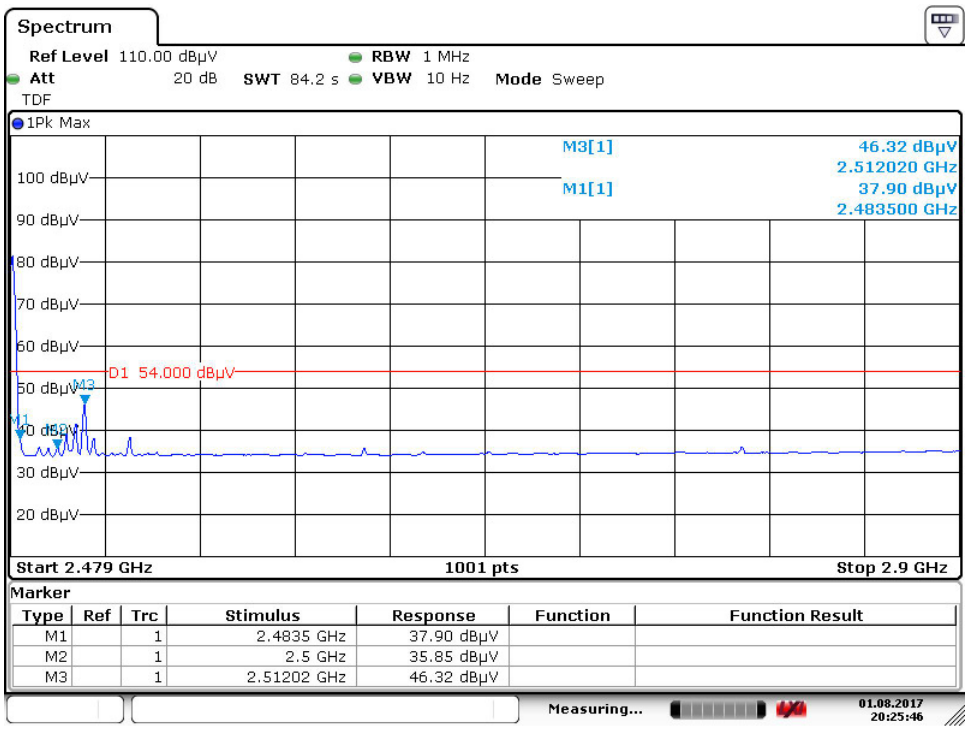
Date: 1.AUG.2017 20:23:22



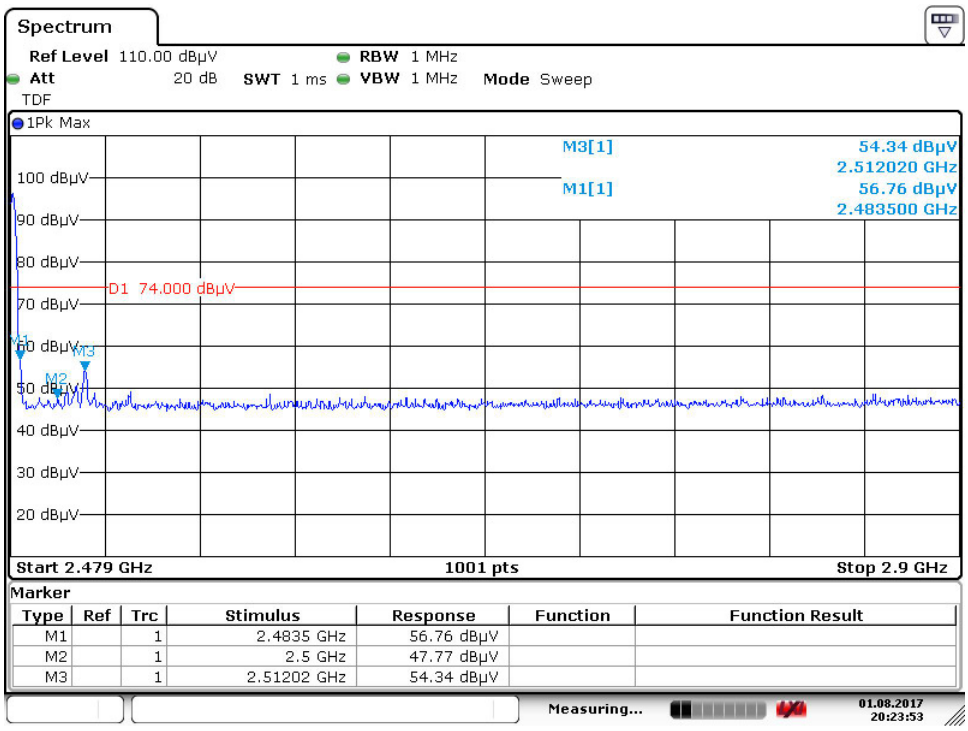
Date: 1.AUG.2017 20:21:31

Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Date: 1.AUG.2017 20:25:46

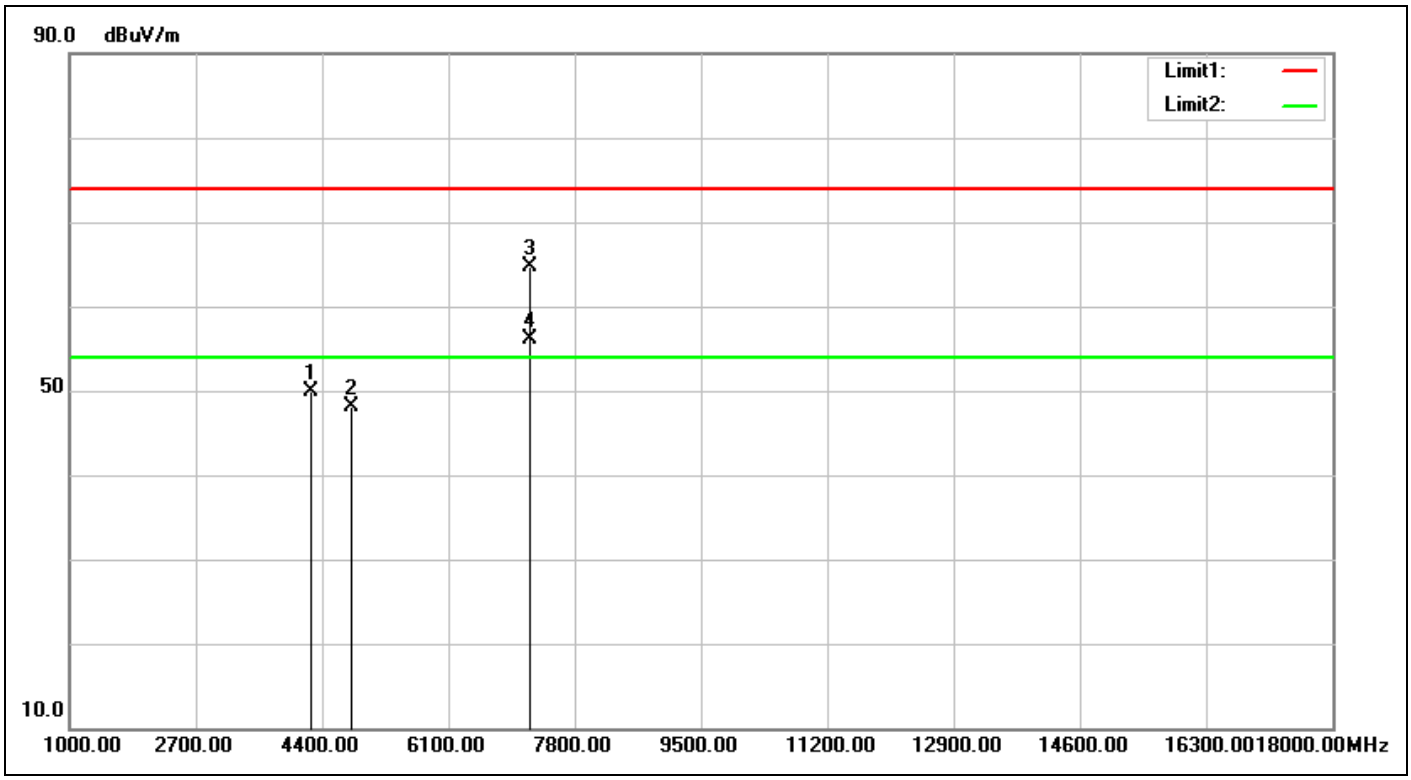


Date: 1.AUG.2017 20:23:53

Spurious Emissions, Band Edge, 2.35-2.5G

Spurious Emissions, TX Mode, 1-18G

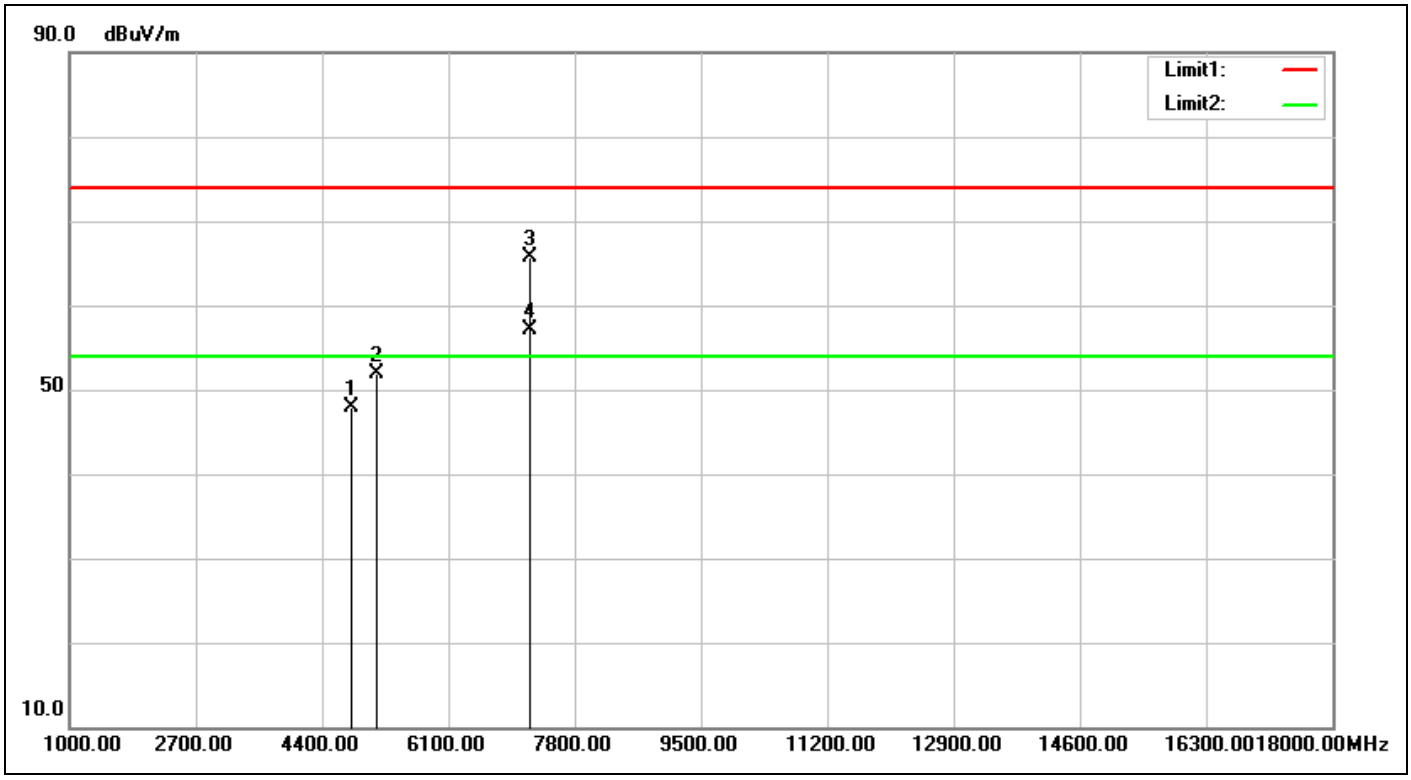
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:40:12**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4247.000	-1.63	51.56	49.93	74.00	-24.07	peak	100	289	
2	4804.000	0.43	47.71	48.14	74.00	-25.86	peak		0	
3	7206.000	9.11	55.57	64.68	74.00	-9.32	peak	123	139	
4	7206.000	9.11	46.99	56.10	54.00	2.10	AVG	123	139	

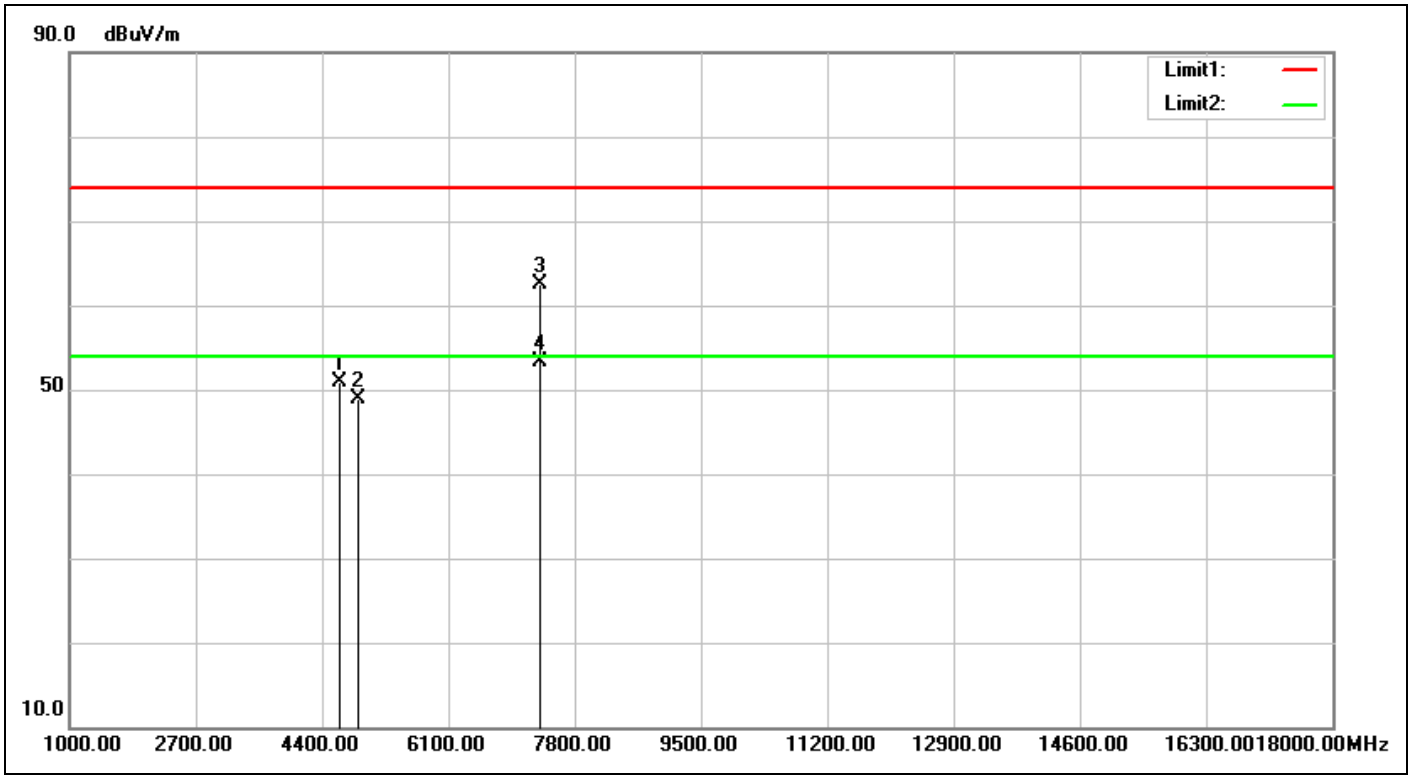
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:41:15**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4804.000	0.43	47.42	47.85	74.00	-26.15	peak			
2	5131.000	1.68	50.13	51.81	74.00	-22.19	peak	100	55	
3	7206.000	9.11	56.65	65.76	74.00	-8.24	peak	100	166	
4	7206.000	9.11	47.99	57.10	54.00	3.10	AVG	100	166	

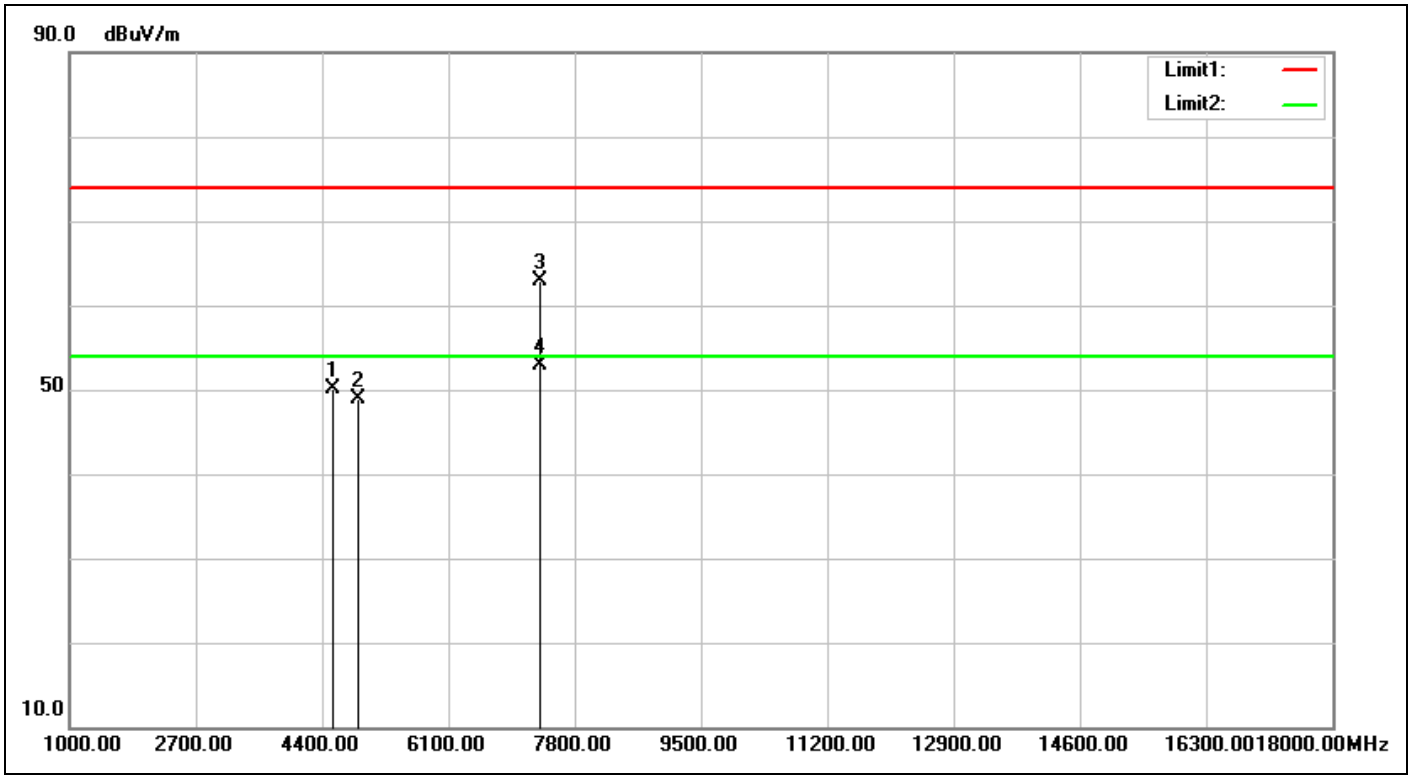
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:51:53**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4638.000	-0.06	50.93	50.87	74.00	-23.13	peak	100	3	
2	4882.000	0.67	48.28	48.95	74.00	-25.05	peak			
3	7323.000	9.45	52.97	62.42	74.00	-11.58	peak	157	143	
4	7323.000	9.45	43.94	53.39	54.00	-0.61	AVG	157	143	

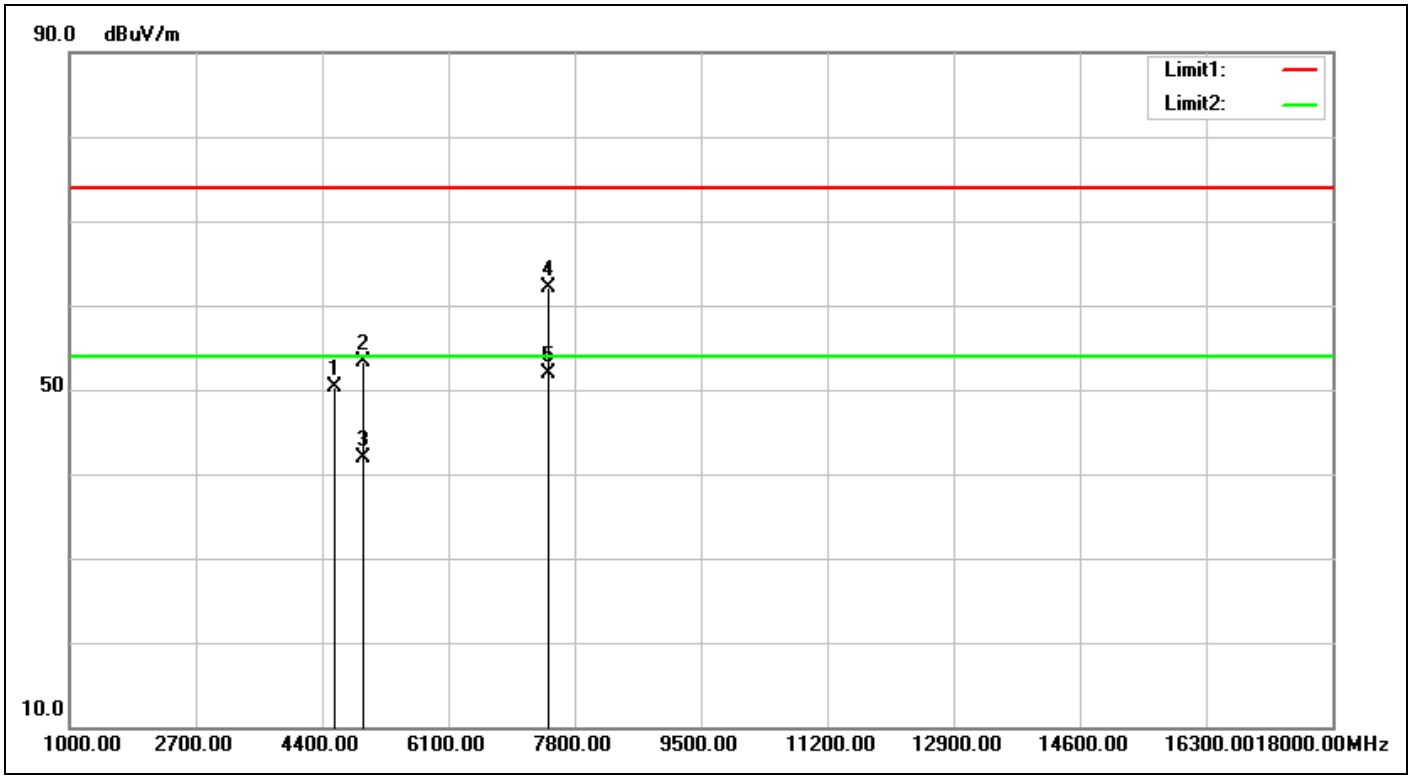
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:52:56**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4536.000	-0.38	50.57	50.19	74.00	-23.81	peak	100	113	
2	4882.000	0.67	48.26	48.93	74.00	-25.07	peak			
3	7323.000	9.45	53.47	62.92	74.00	-11.08	peak	139	166	
4	7323.000	9.45	43.37	52.82	54.00	-1.18	AVG	139	166	

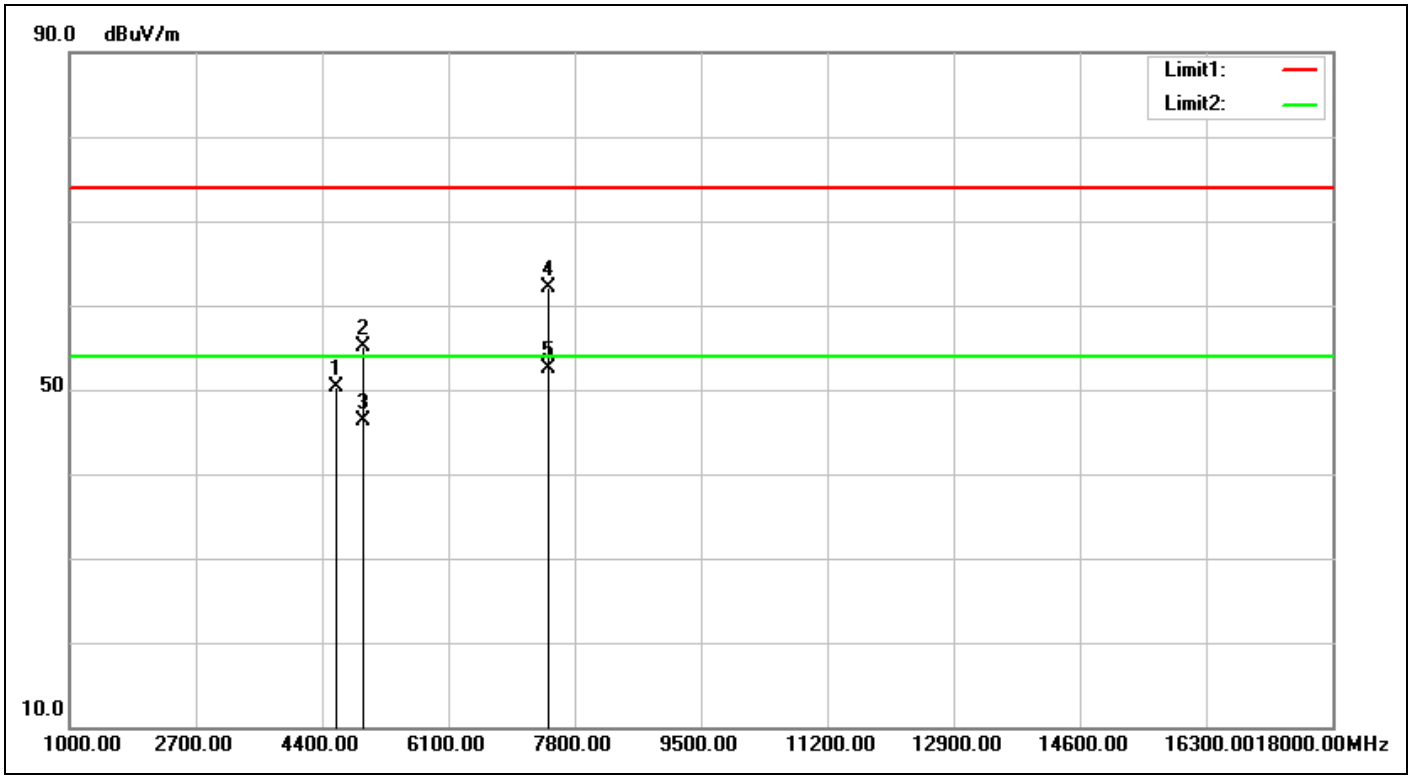
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:55:16**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4570.000	-0.27	50.50	50.23	74.00	-23.77	peak	100	89	
2	4960.000	0.90	52.40	53.30	74.00	-20.70	peak	100	100	
3	4960.000	0.90	41.00	41.90	54.00	-12.10	AVG	100	100	
4	7440.000	9.79	52.37	62.16	74.00	-11.84	peak	174	139	
5	7440.000	9.79	42.06	51.85	54.00	-2.15	AVG	174	139	

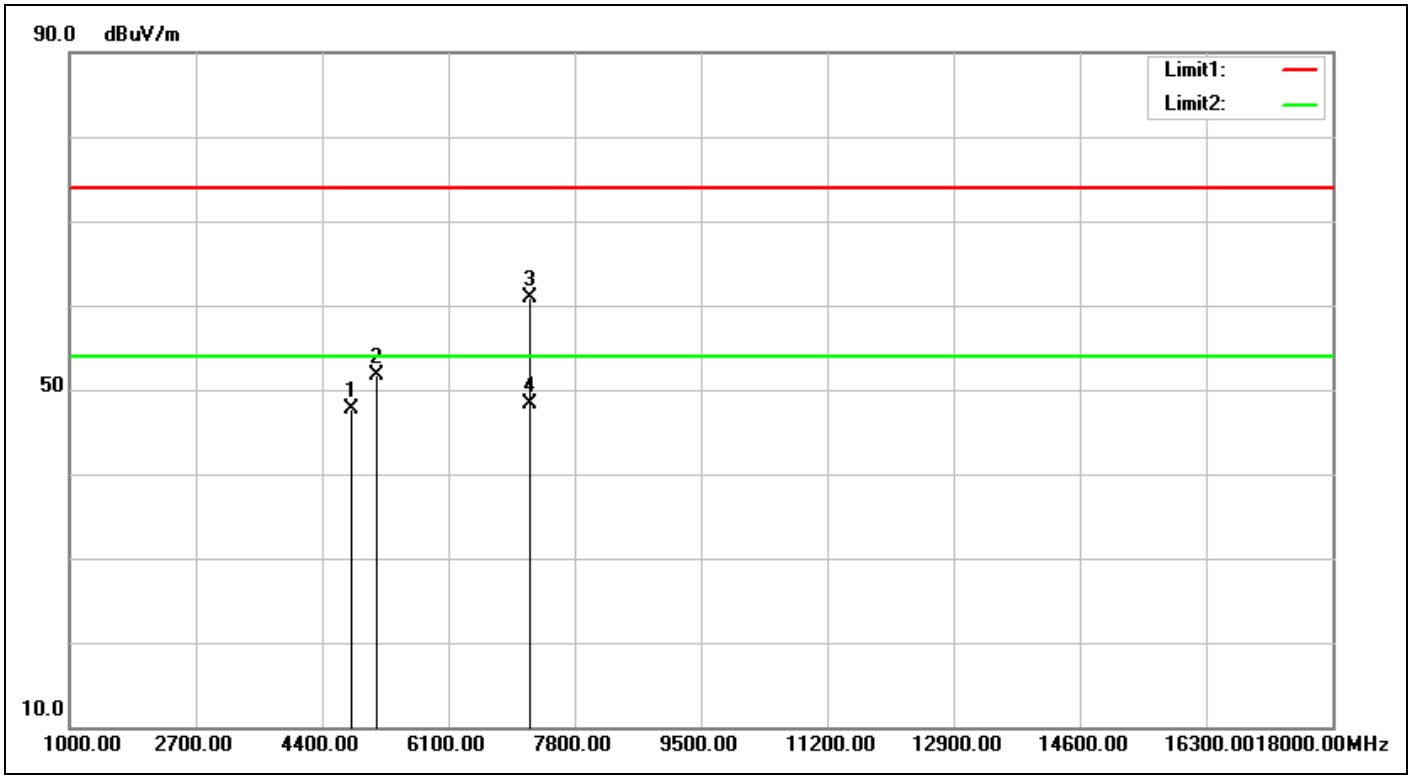
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:56:19**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4587.000	-0.23	50.49	50.26	74.00	-23.74	peak	100	41	
2	4960.000	0.90	54.29	55.19	74.00	-18.81	peak	100	158	
3	4960.000	0.90	45.40	46.30	54.00	-7.70	AVG	100	158	
4	7440.000	9.79	52.28	62.07	74.00	-11.93	peak	140	182	

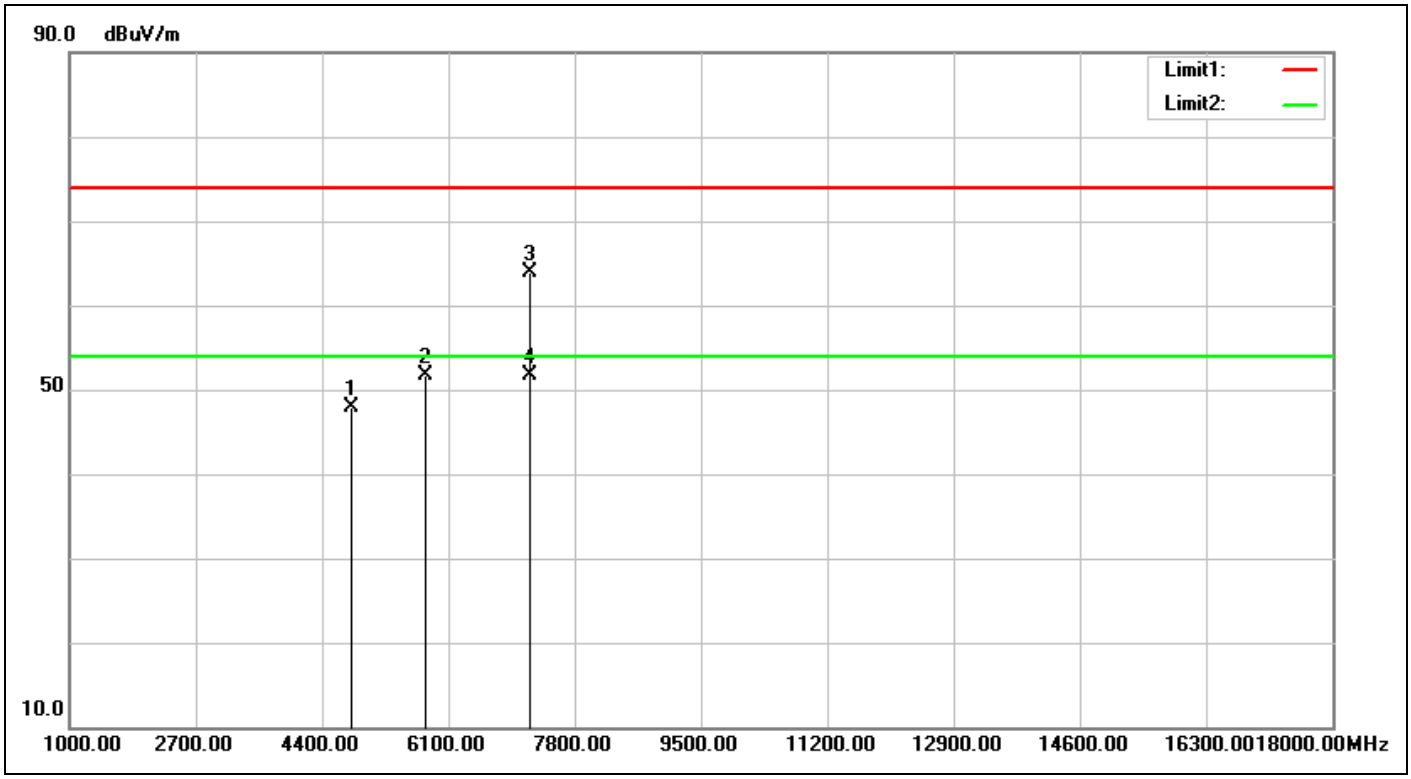
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 20:59:22**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4804.000	0.43	47.37	47.80	74.00	-26.20	peak			
2	5131.000	1.68	50.10	51.78	74.00	-22.22	peak	100	311	
3	7206.000	9.11	51.74	60.85	74.00	-13.15	peak	143	169	
4	7206.000	9.11	39.28	48.39	54.00	-5.61	AVG	143	169	

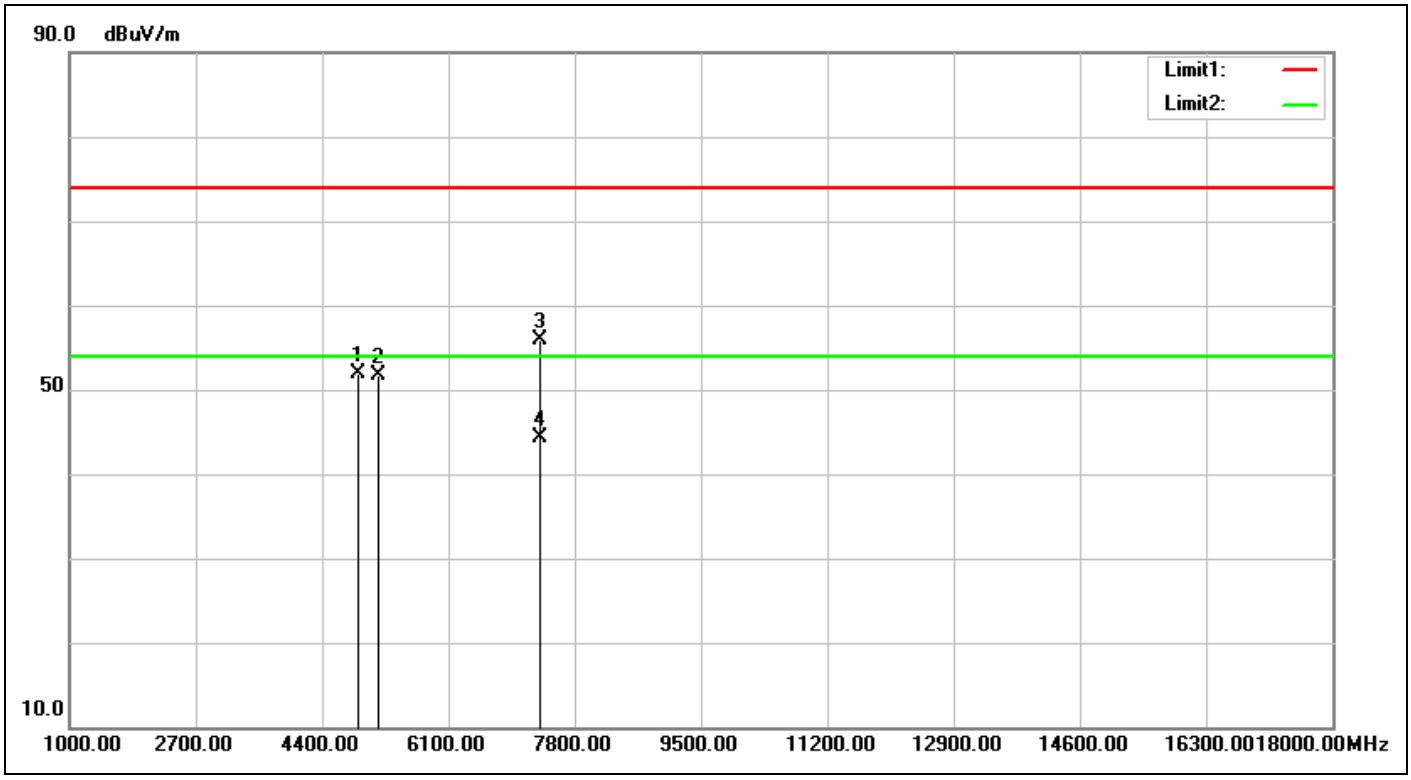
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:00:25**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4804.000	0.43	47.43	47.86	74.00	-26.14	peak			
2	5794.000	5.51	46.16	51.67	74.00	-22.33	peak	100	246	
3	7206.000	9.11	54.81	63.92	74.00	-10.08	peak	154	183	
4	7206.000	9.11	42.68	51.79	54.00	-2.21	AVG	154	183	

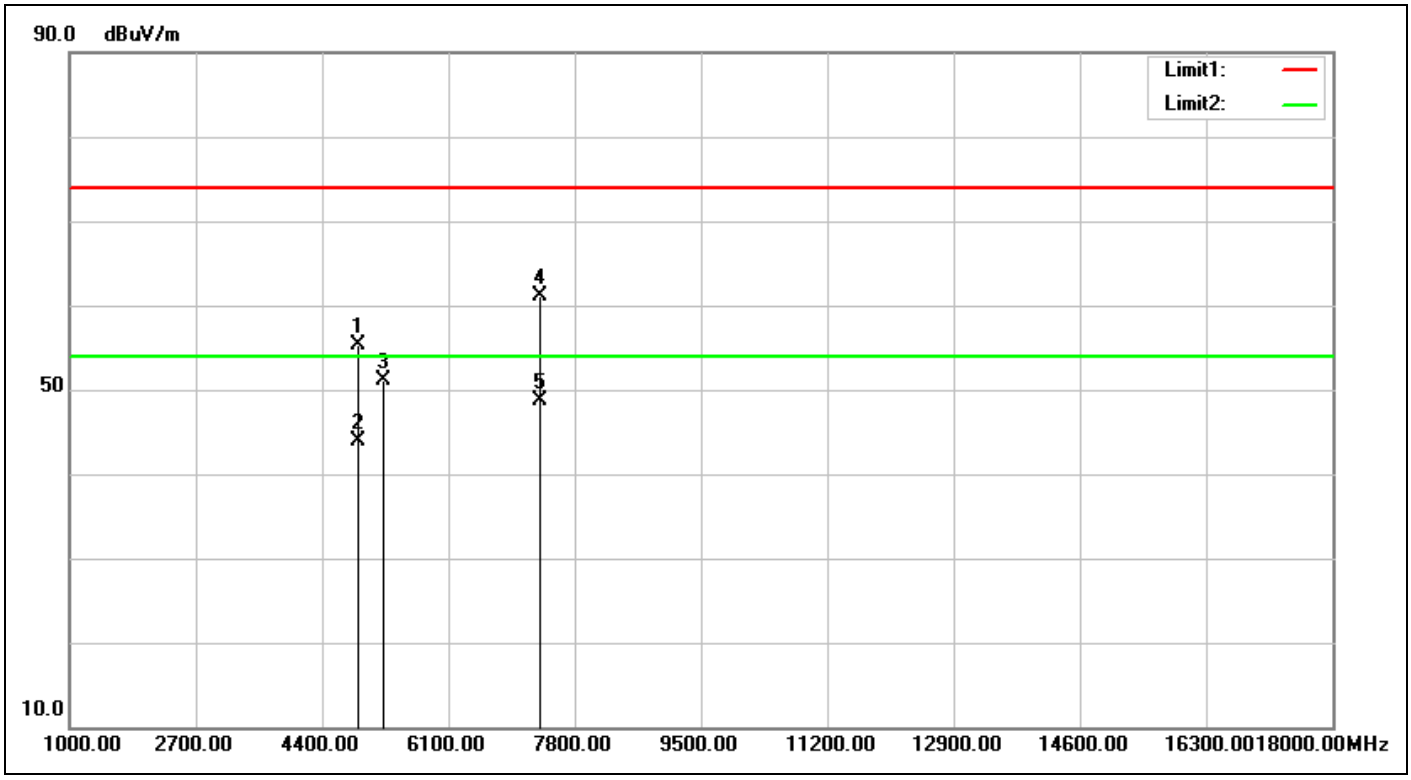
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:04:59**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4882.000	0.67	51.33	52.00	74.00	-22.00	peak	100	103	
2	5148.000	1.77	49.91	51.68	74.00	-22.32	peak	100	360	
3	7323.000	9.45	46.39	55.84	74.00	-18.16	peak	127	184	
4	7323.000	9.45	34.78	44.23	54.00	-9.77	AVG	127	184	

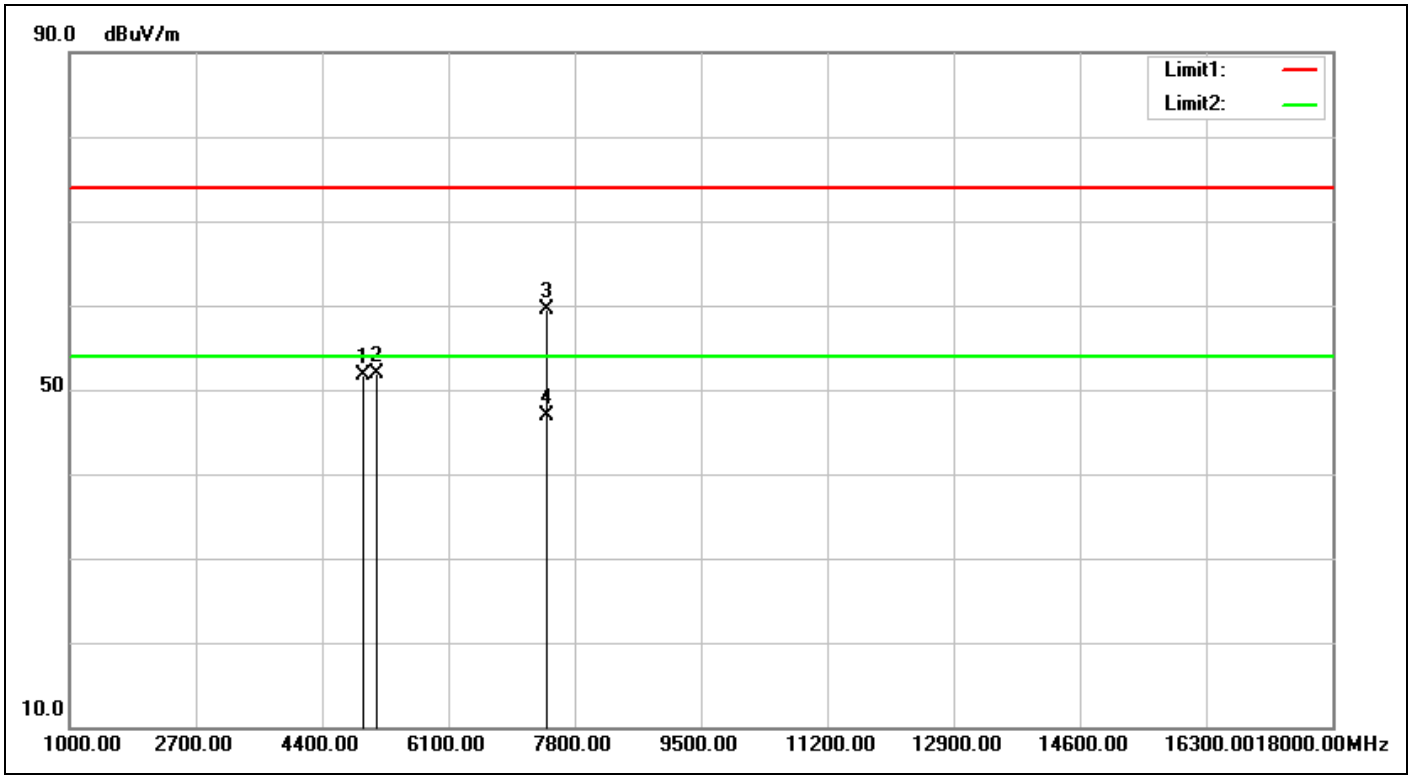
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:06:02**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4882.000	0.67	54.65	55.32	74.00	-18.68	peak	118	185	
2	4882.000	0.67	43.18	43.85	54.00	-10.15	AVG	118	185	
3	5216.000	2.11	48.98	51.09	74.00	-22.91	peak	100	288	
4	7323.000	9.45	51.60	61.05	74.00	-12.95	peak	118	183	
5	7323.000	9.45	39.32	48.77	54.00	-5.23	AVG	118	183	

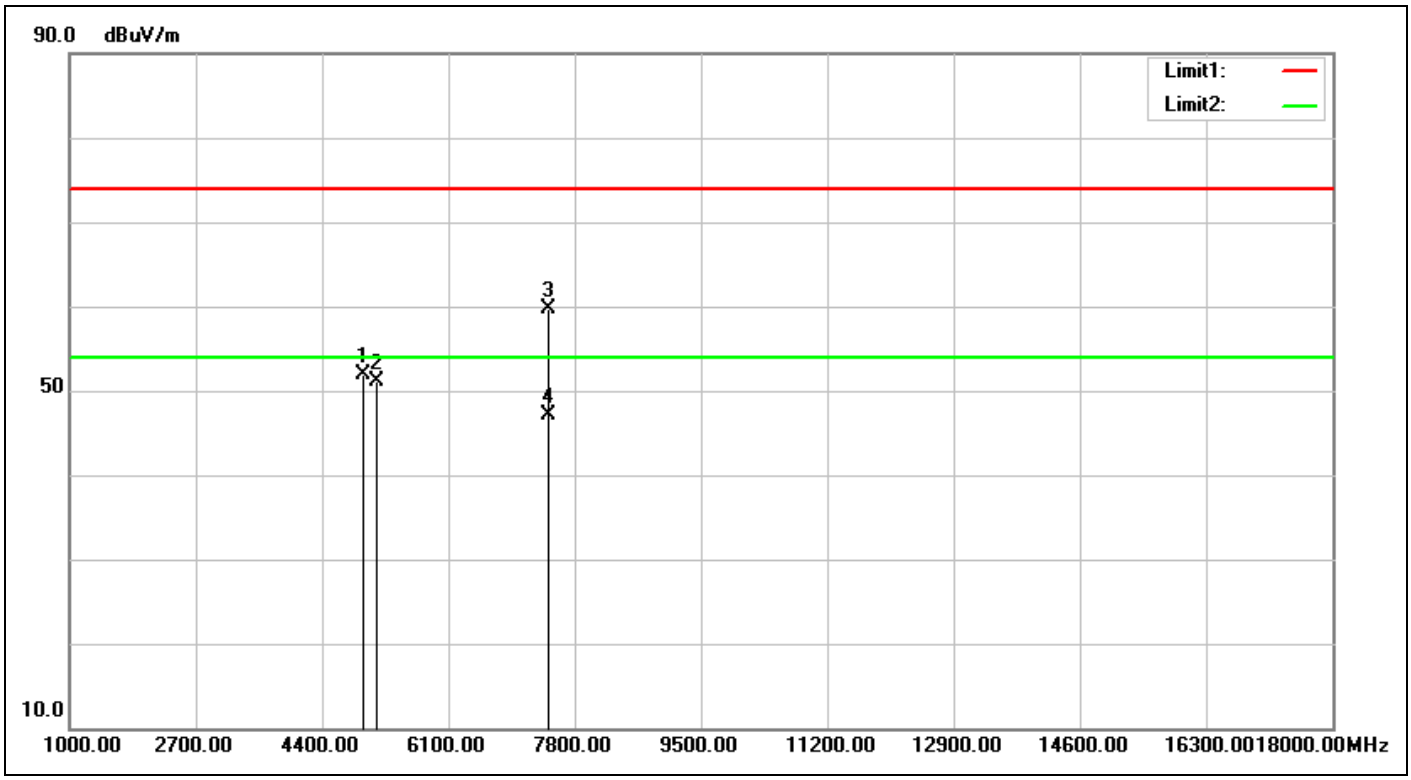
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:07:51**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4960.000	0.90	50.90	51.80	74.00	-22.20	peak			
2	5131.000	1.68	50.26	51.94	74.00	-22.06	peak	100	95	
3	7440.000	9.79	49.74	59.53	74.00	-14.47	peak	171	140	
4	7440.000	9.79	37.02	46.81	54.00	-7.19	AVG	171	140	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

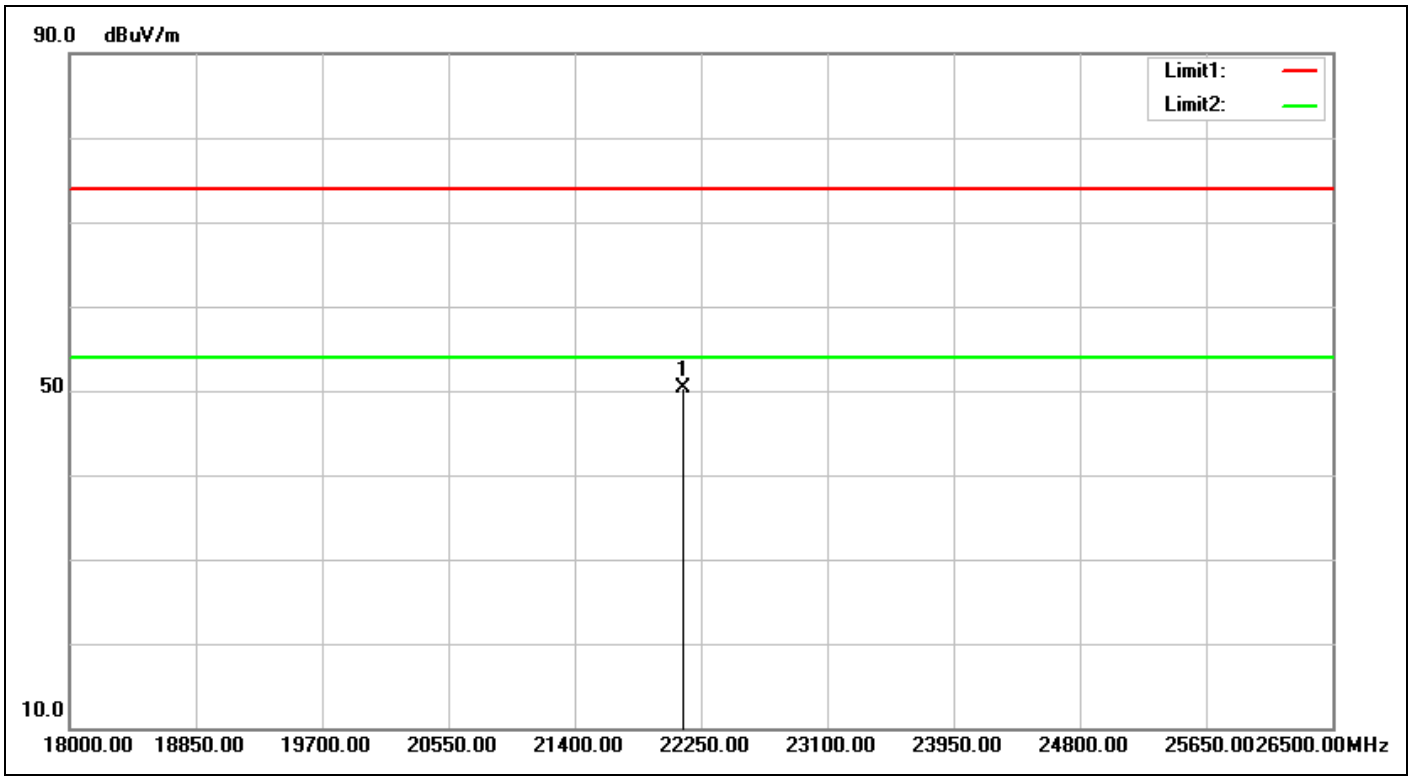


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:08:54**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	4960.000	0.90	51.10	52.00	74.00	-22.00	peak	100	185	
2	5131.000	1.68	49.50	51.18	74.00	-22.82	peak	100	324	
3	7440.000	9.79	49.86	59.65	74.00	-14.35	peak	118	184	
4	7440.000	9.79	37.31	47.10	74.00	-26.90	peak	118	184	
5	7440.000	9.79	42.70	52.49	54.00	-1.51	AVG	140	182	

Spurious Emissions, TX Mode, 18-26G

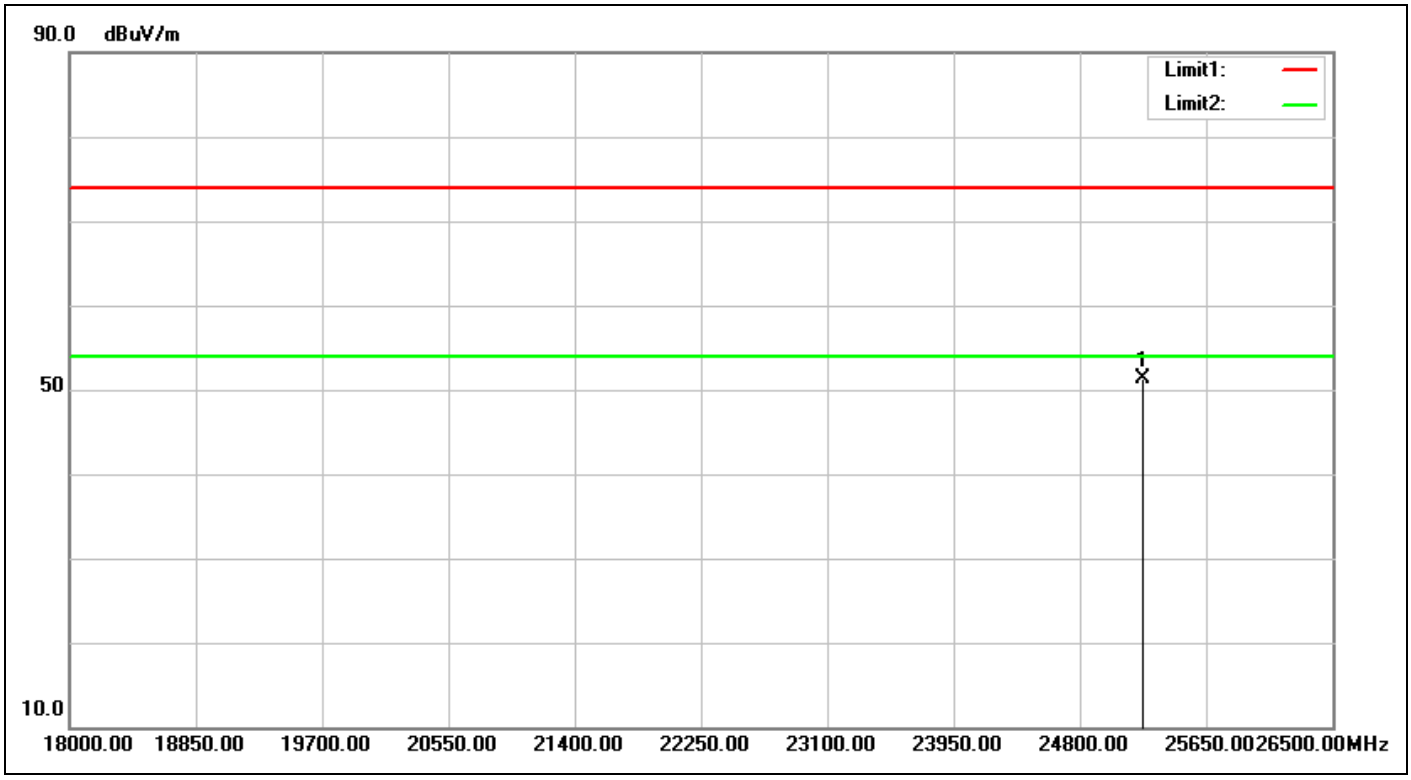
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:20:28**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22131.000	32.59	17.75	50.34	74.00	-23.66	peak		0	

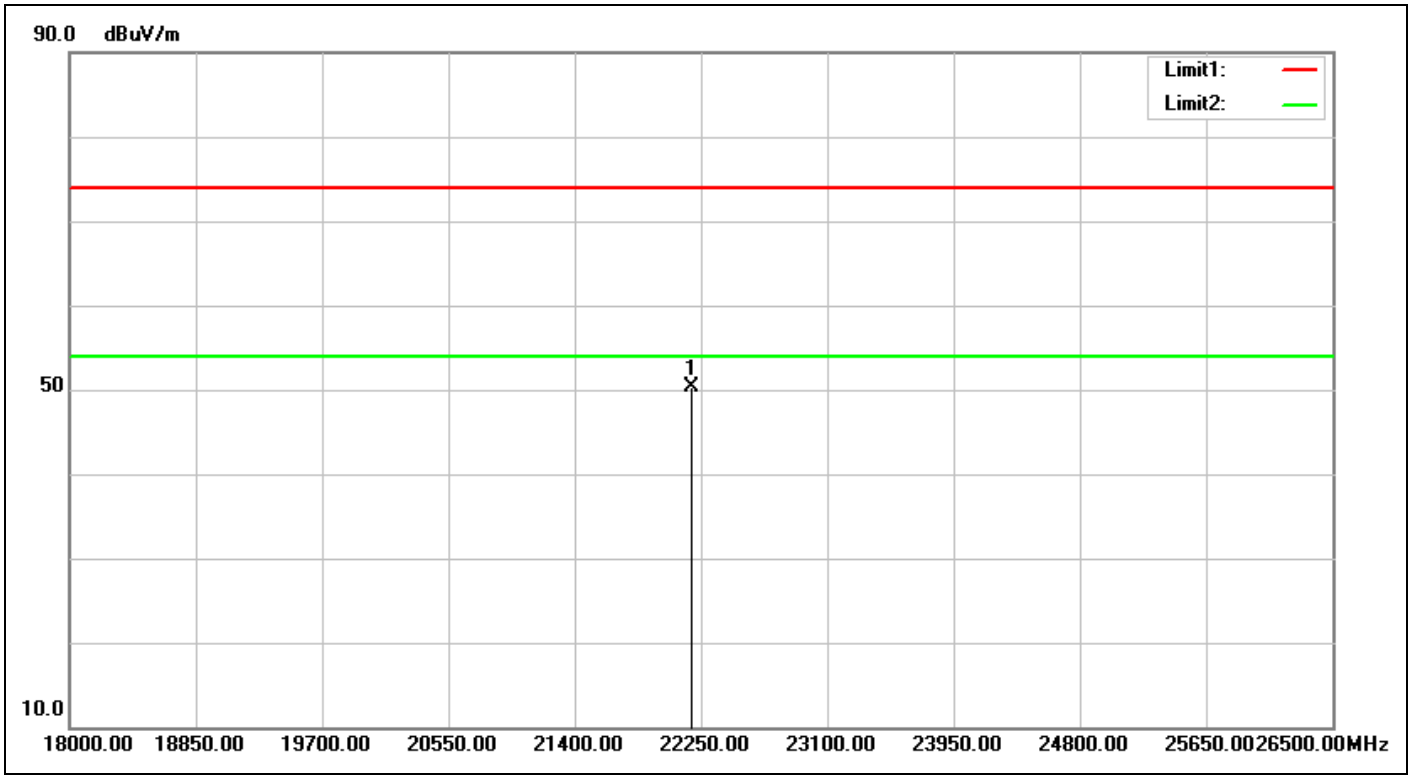
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:20:36**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	25225.000	33.90	17.48	51.38	74.00	-22.62	peak			

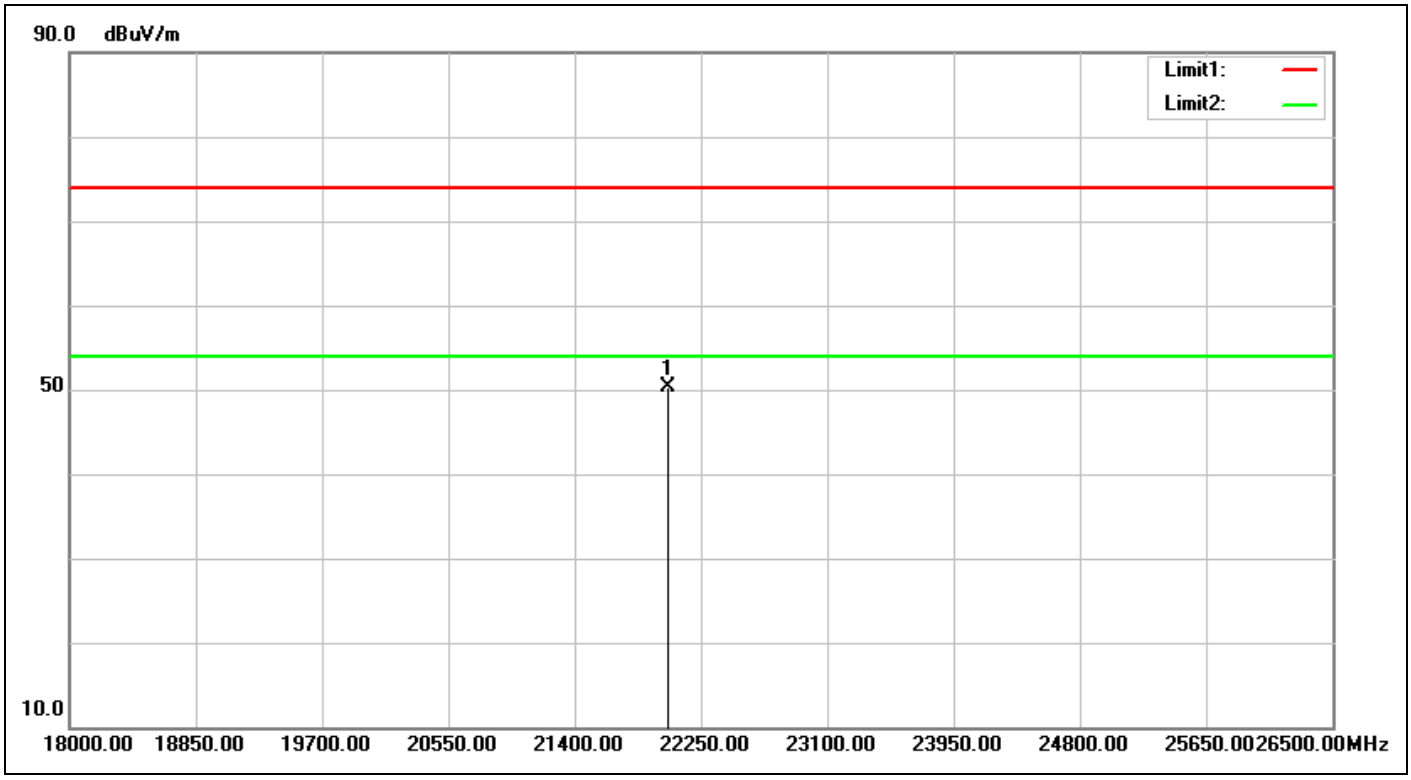
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:20:49**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22190.500	32.56	17.67	50.23	74.00	-23.77	peak			

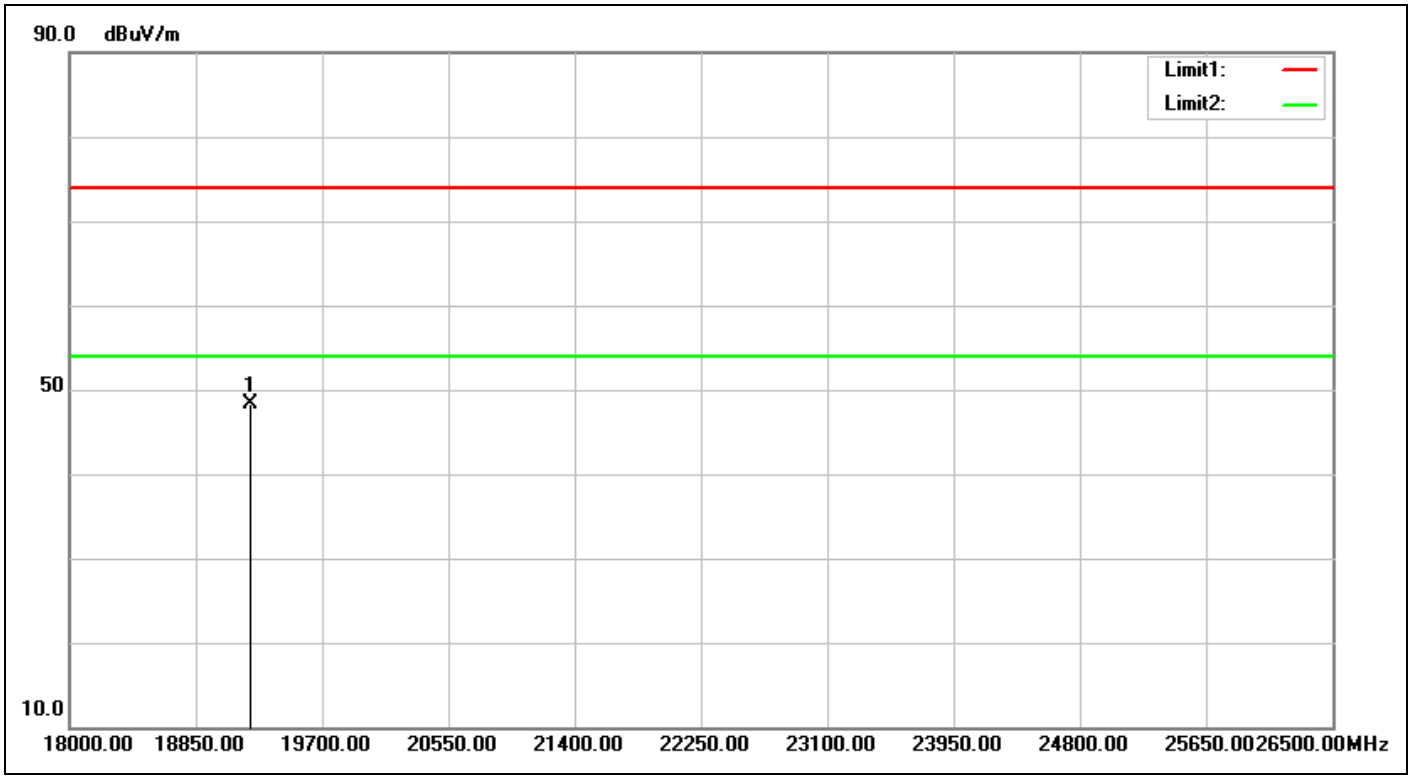
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:20:58**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22029.000	32.65	17.62	50.27	74.00	-23.73	peak			

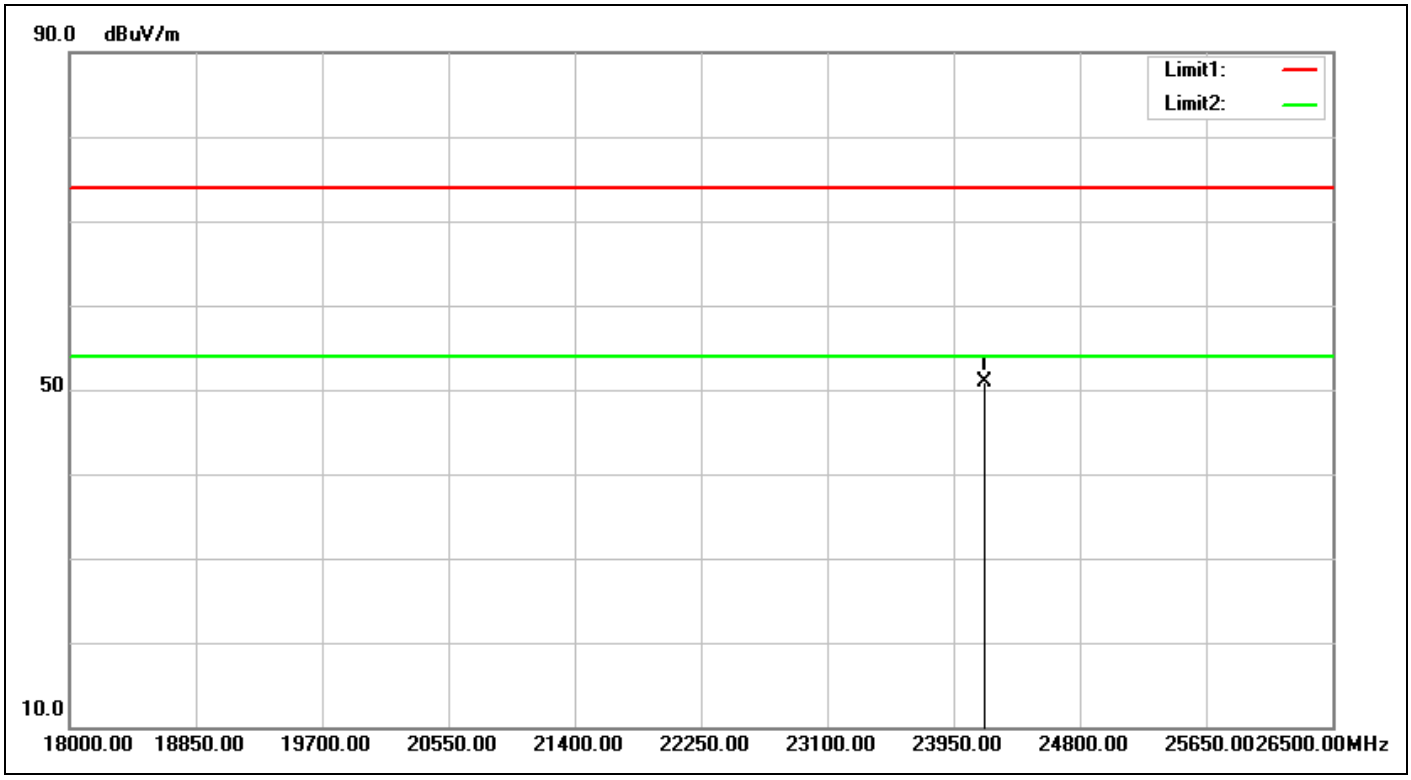
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:21:10**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19215.500	29.66	18.66	48.32	74.00	-25.68	peak			

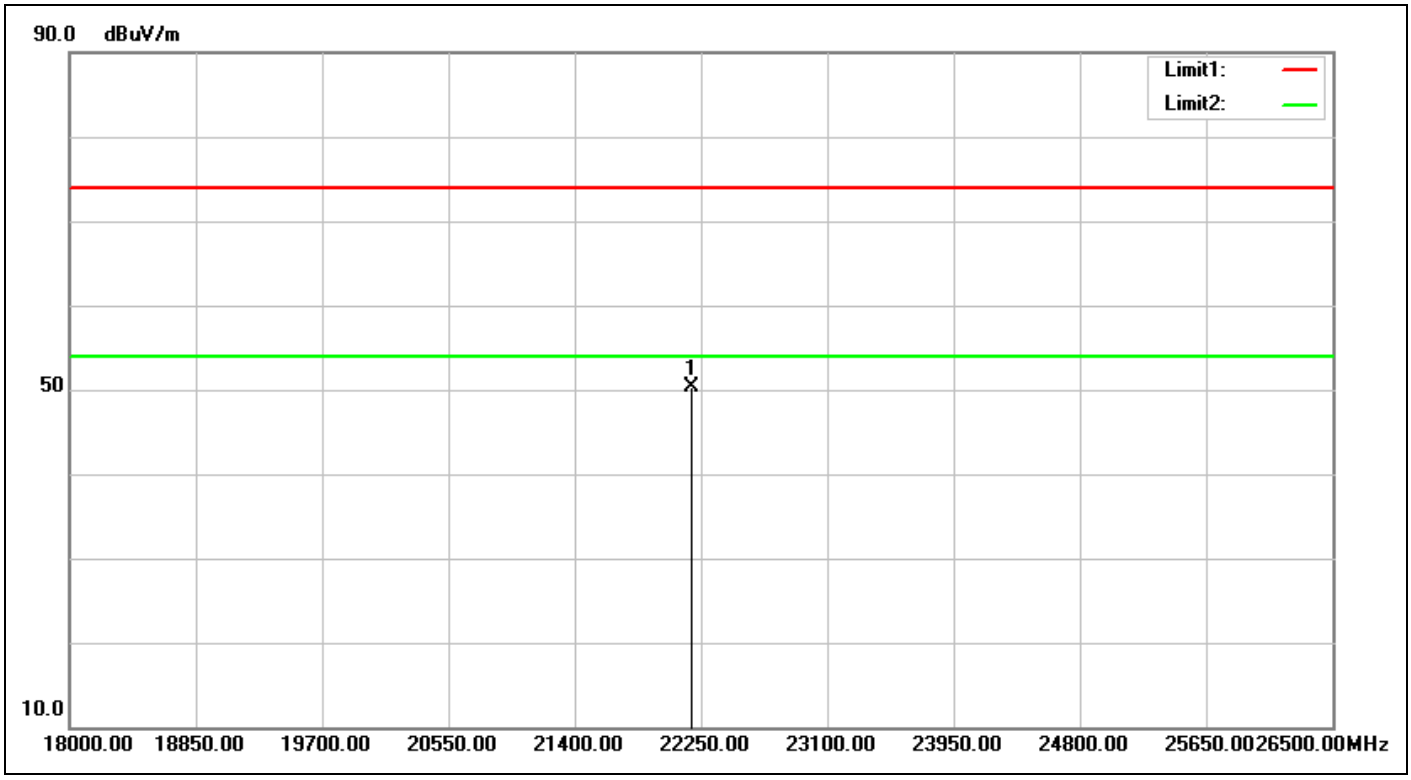
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:21:19**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	24154.000	32.05	18.95	51.00	74.00	-23.00	peak			

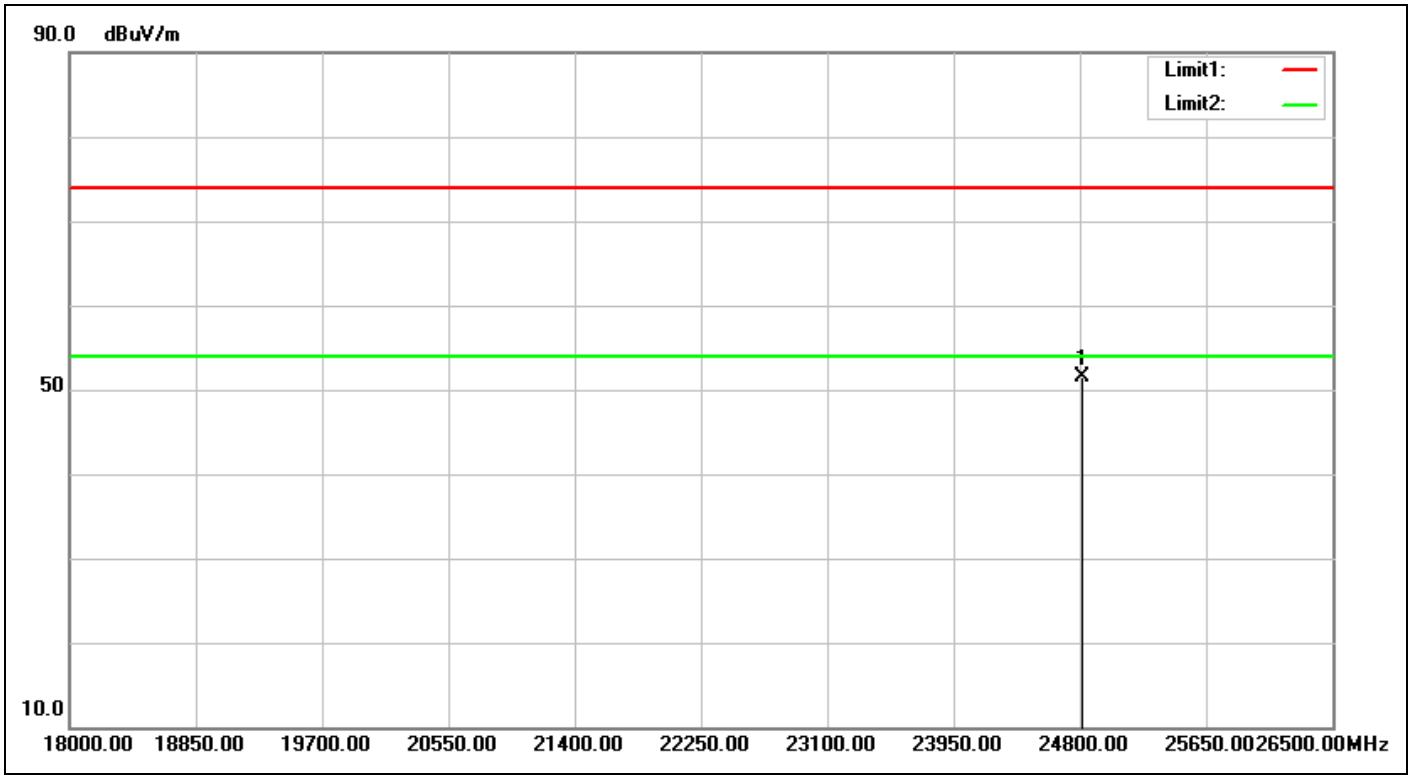
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:21:35**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22182.000	32.57	17.69	50.26	74.00	-23.74	peak			

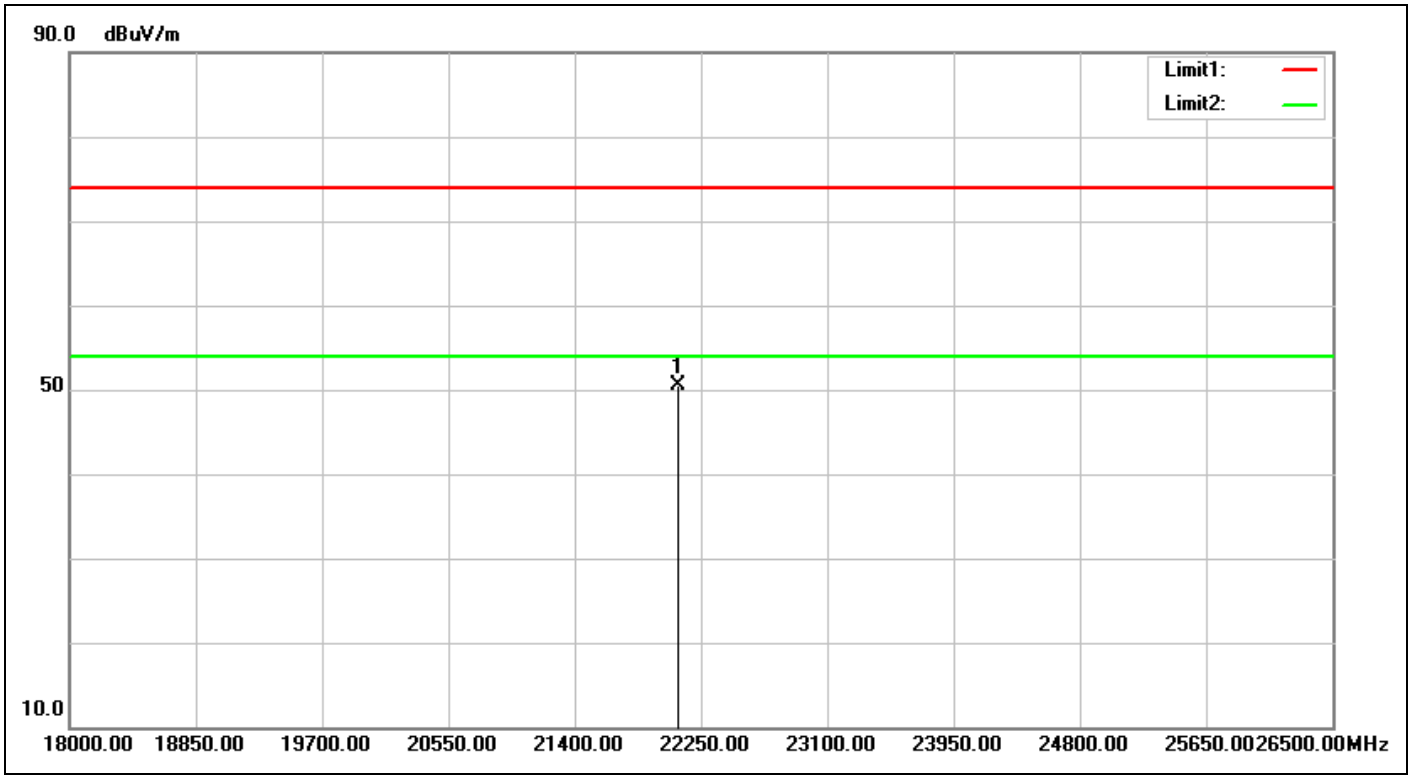
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:21:43**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2402-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	24817.000	33.04	18.55	51.59	74.00	-22.41	peak			

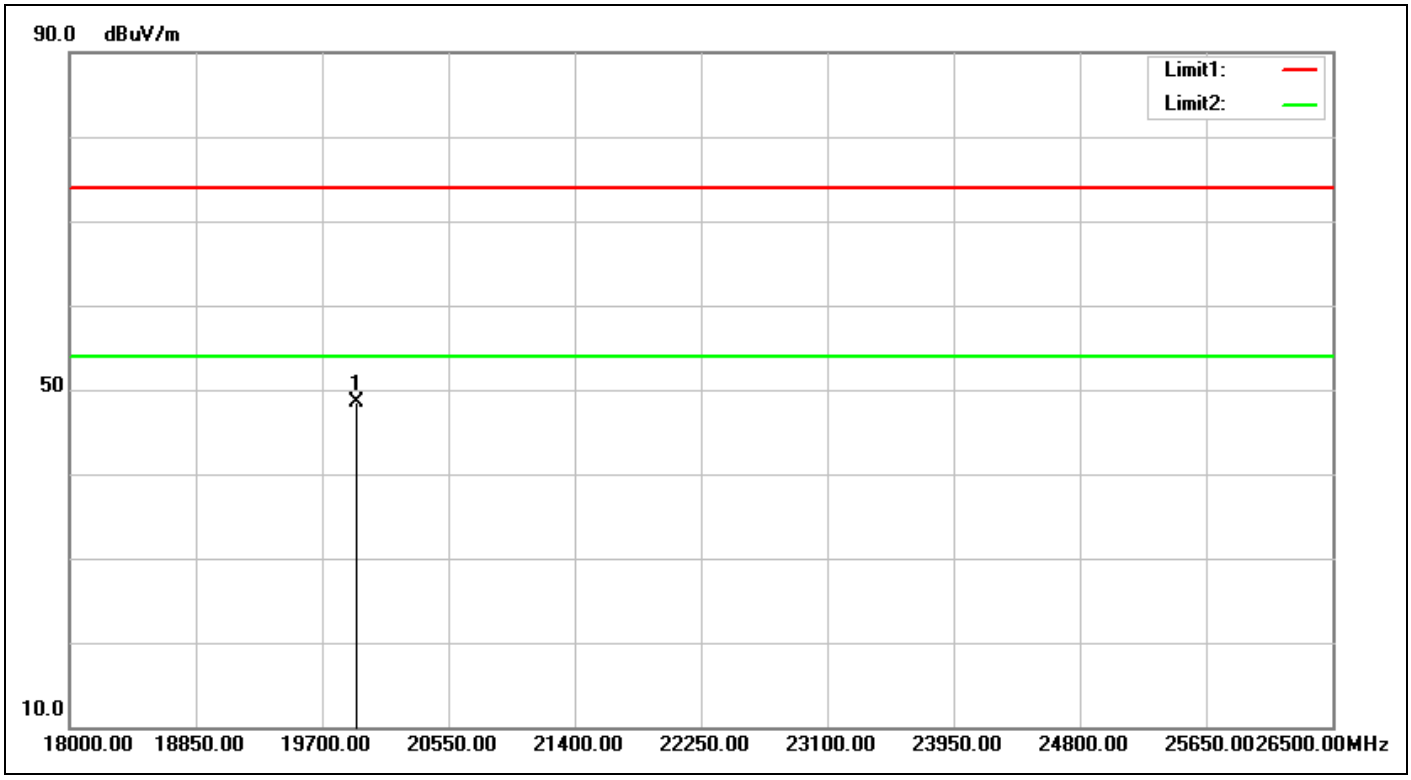
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:21:56**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22097.000	32.62	17.86	50.48	74.00	-23.52	peak			

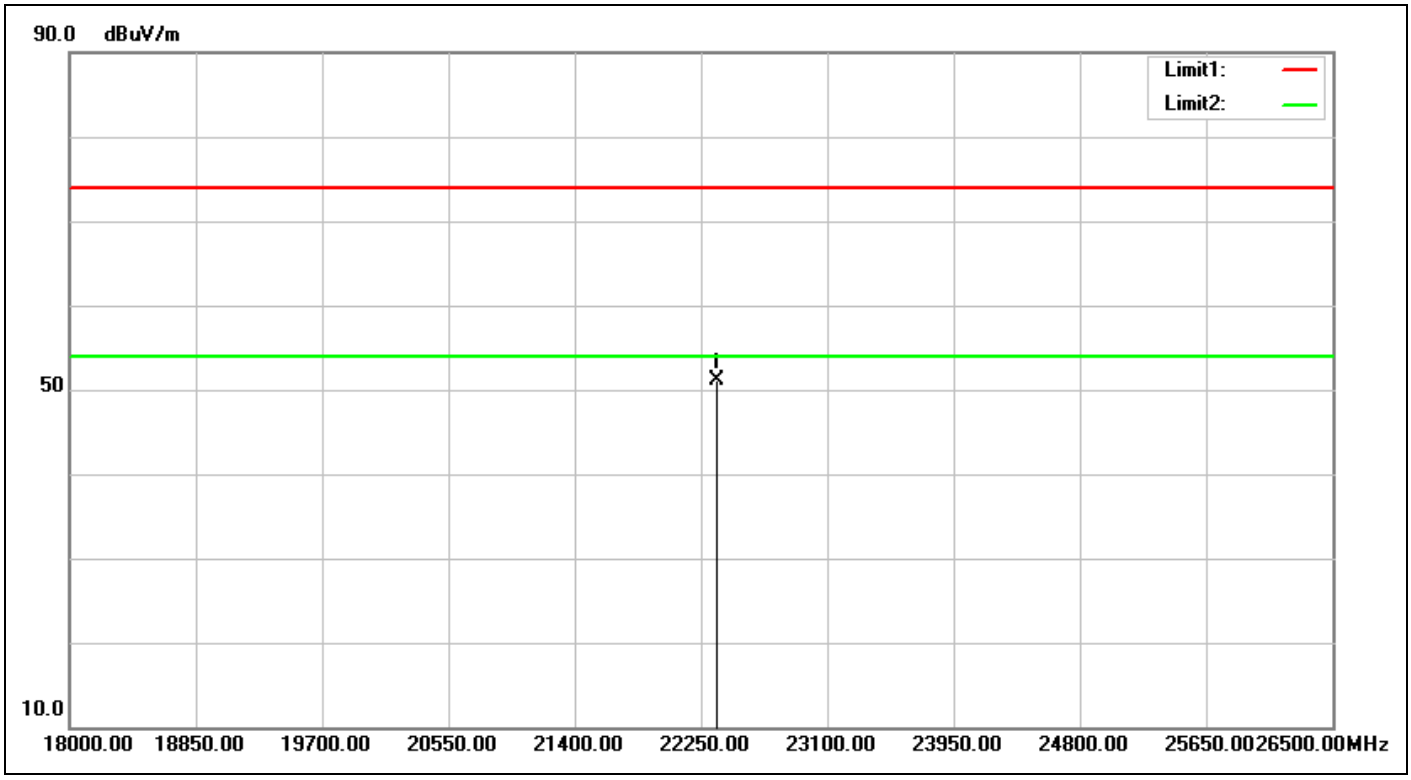
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:22:05**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	19929.500	30.65	17.91	48.56	74.00	-25.44	peak			

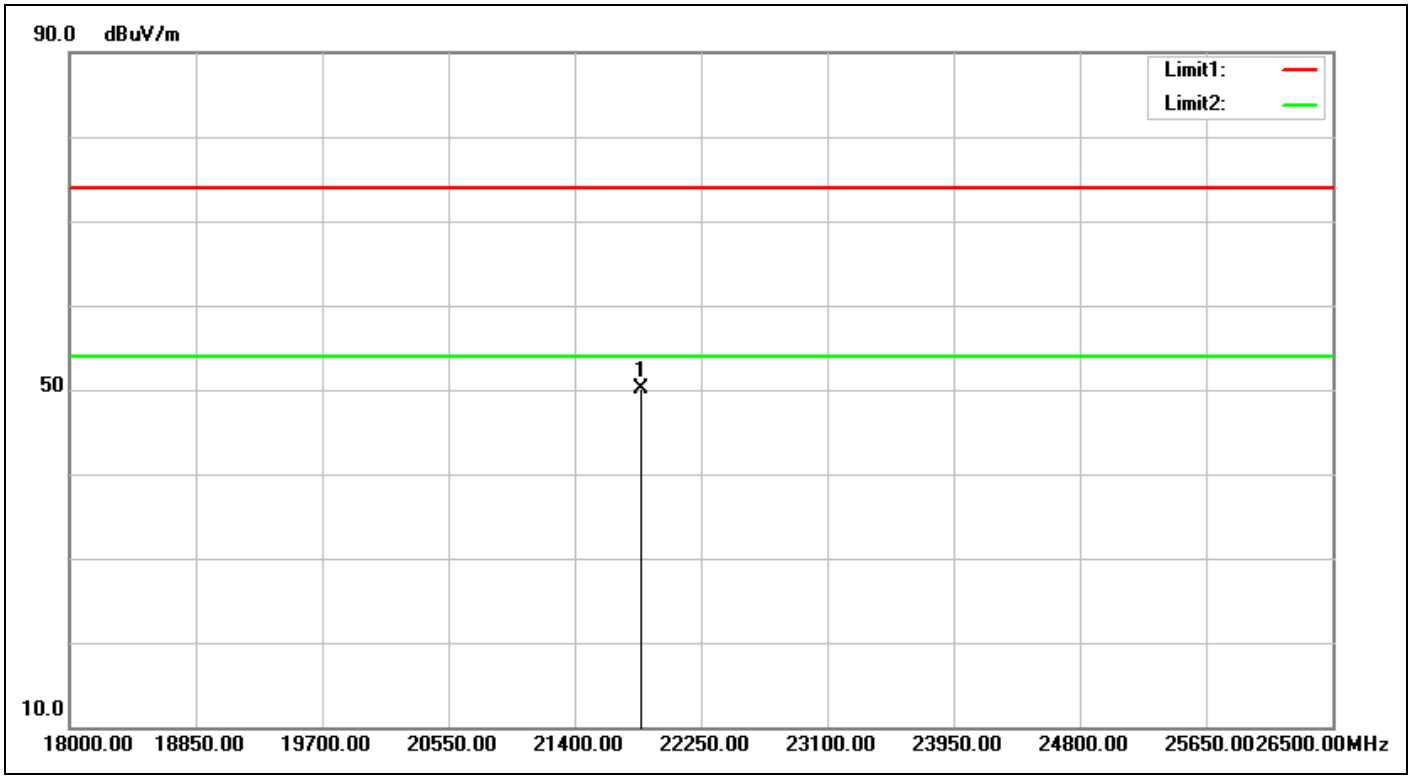
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:22:17**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	22360.500	32.47	18.56	51.03	74.00	-22.97	peak			

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

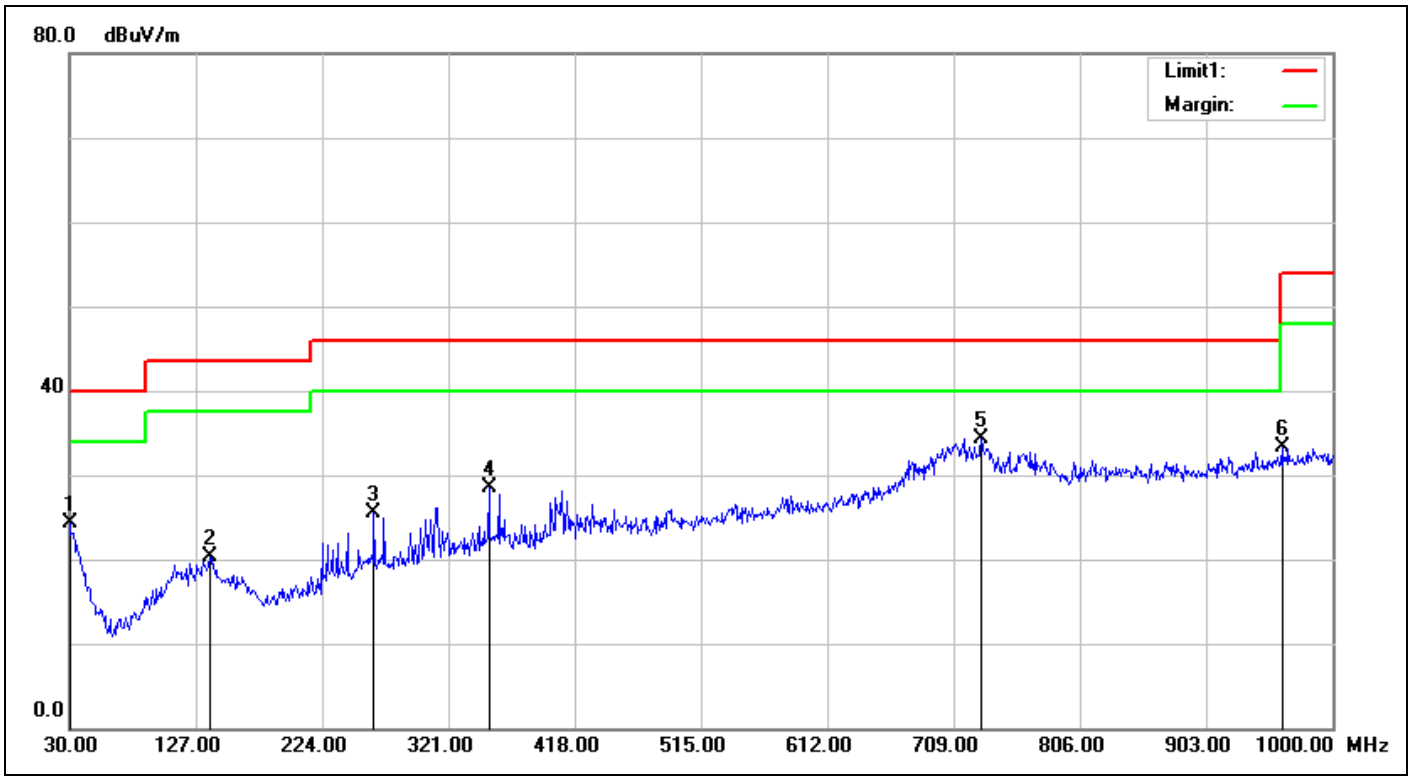


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:22:25**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**3DH5-2480-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	21842.000	32.53	17.56	50.09	74.00	-23.91	peak			

Spurious Emissions, TX Mode, 30M-1G

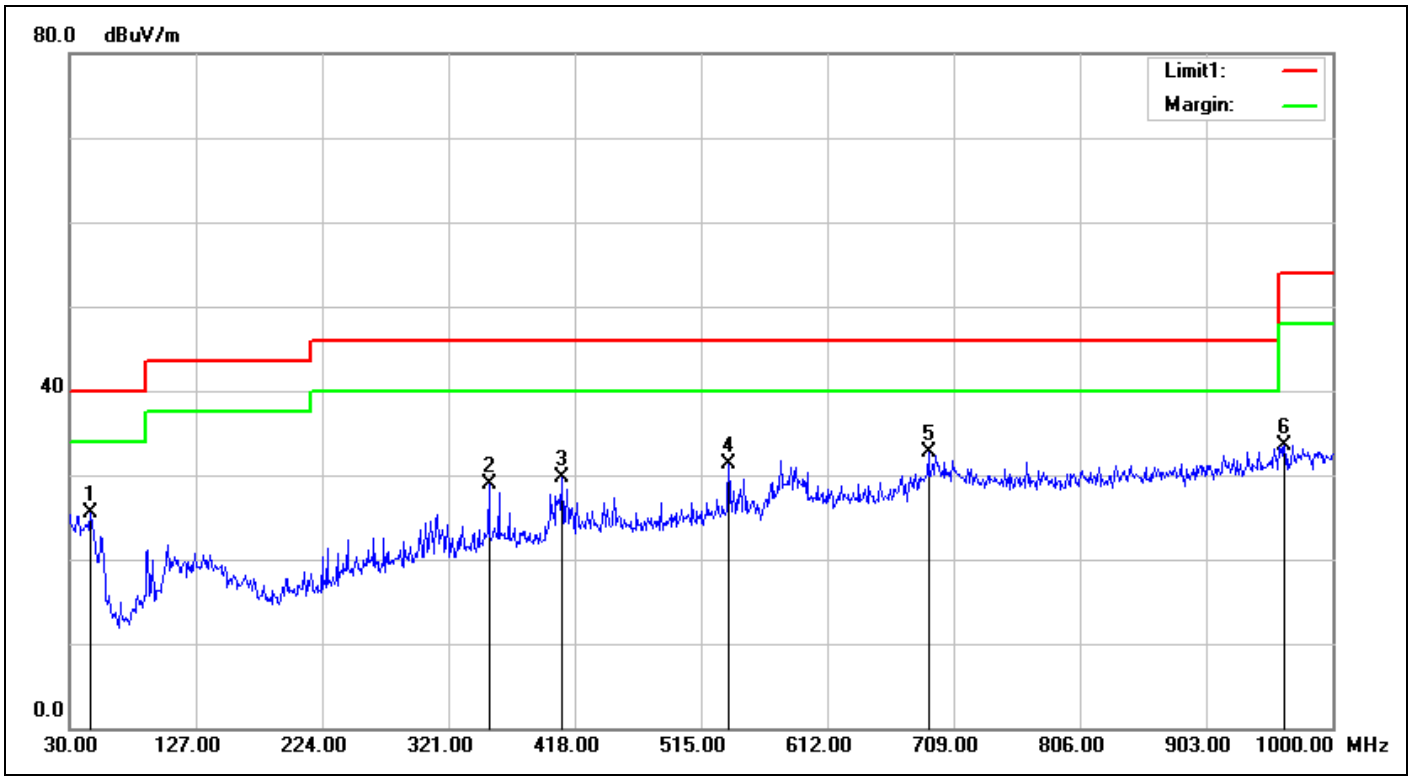
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:12:37**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	30.0000	-0.08	24.44	24.36	40.00	-15.64	QP	100	304	
2	137.6699	-7.05	27.29	20.24	43.50	-23.26	QP	100	85	
3	263.7699	-5.10	30.59	25.49	46.00	-20.51	QP	100	245	
4	352.0400	-3.39	31.93	28.54	46.00	-17.46	QP	100	245	
5	730.3400	1.86	32.37	34.23	46.00	-11.77	QP	100	256	
6	961.2000	5.46	27.75	33.21	54.00	-20.79	QP	100	269	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

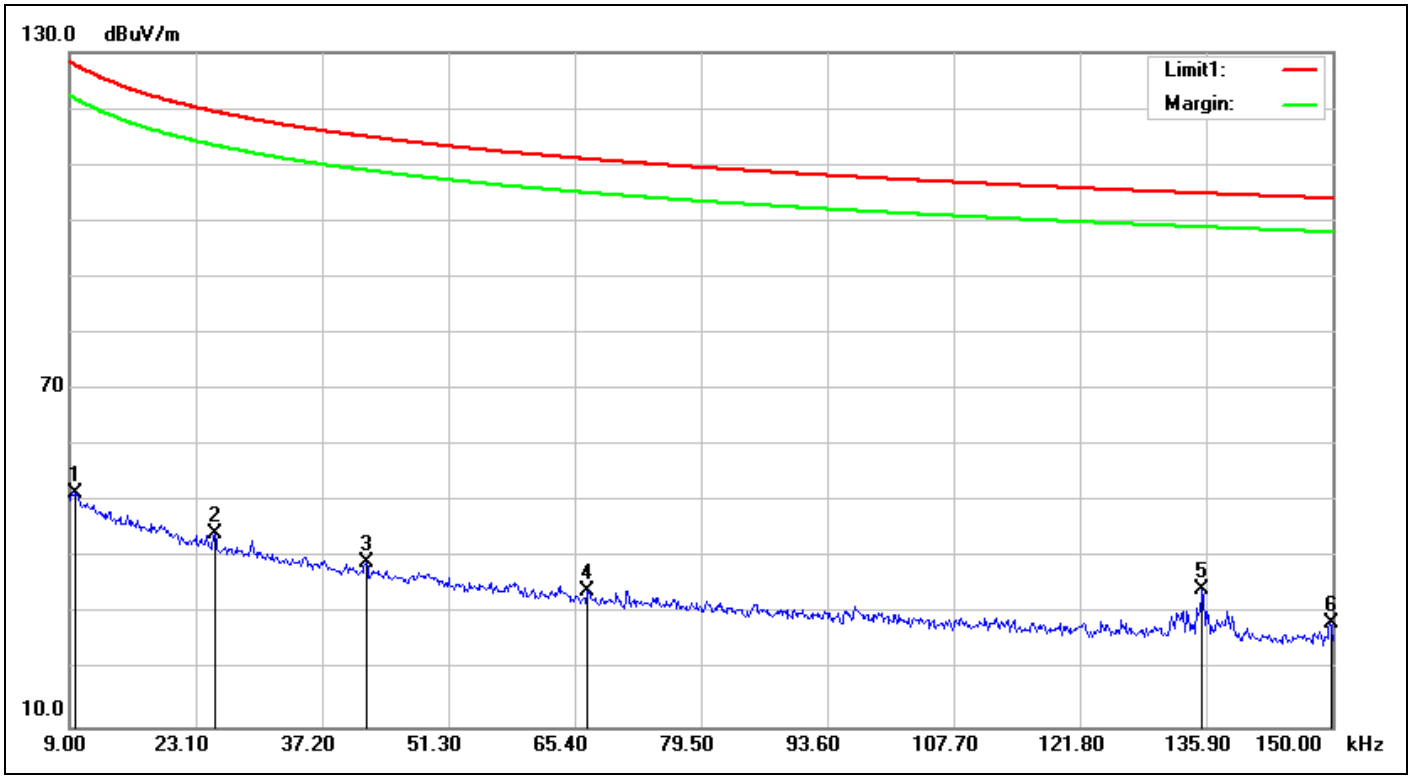


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:13:40**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	45.5200	-8.89	34.42	25.53	40.00	-14.47	QP	100	94	
2	352.0400	-3.39	32.38	28.99	46.00	-17.01	QP	100	112	
3	408.3000	-2.42	32.06	29.64	46.00	-16.36	QP	100	160	
4	536.3400	-0.92	32.21	31.29	46.00	-14.71	QP	100	235	
5	689.6000	0.97	31.76	32.73	46.00	-13.27	QP	100	86	
6	963.1400	5.49	27.99	33.48	54.00	-20.52	QP	100	192	

Spurious Emissions, TX Mode, 9K-30M

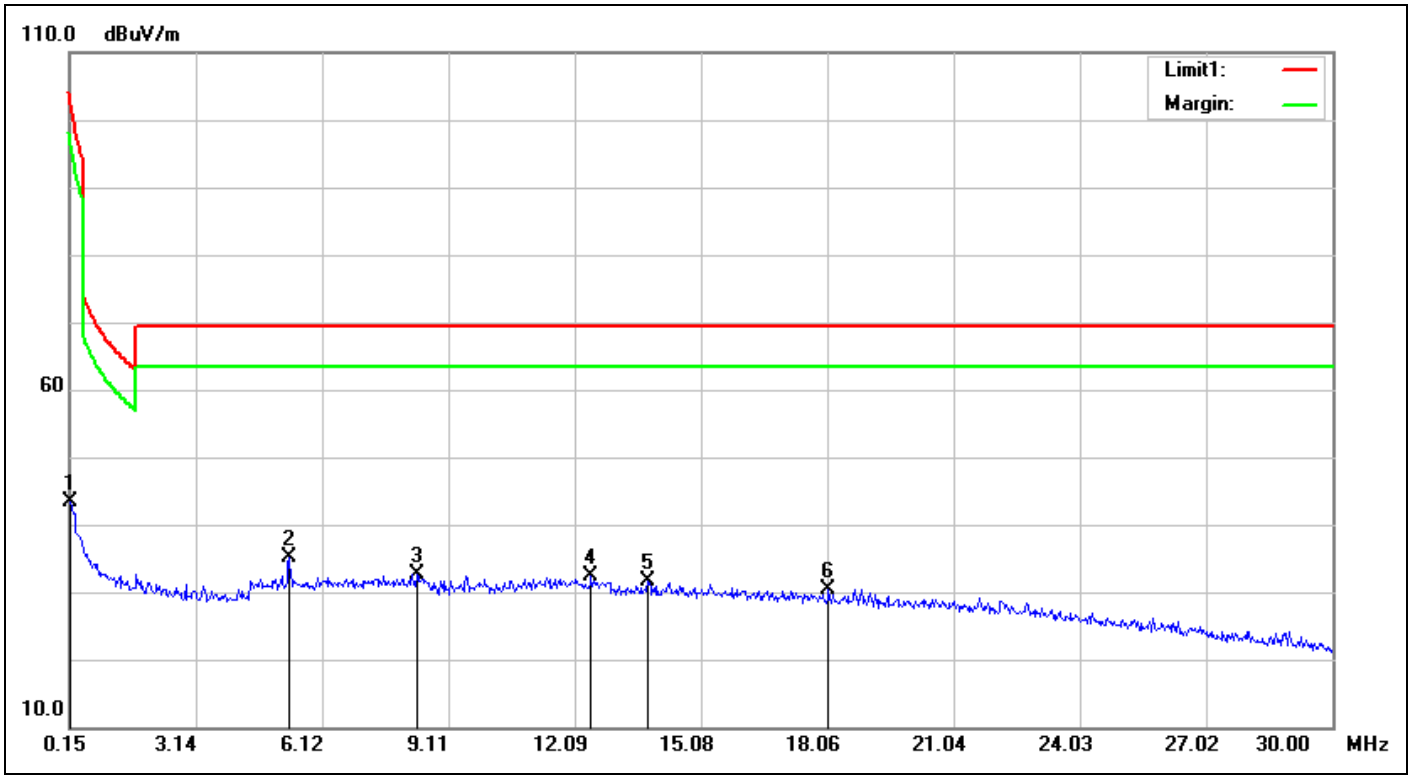
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:29:06**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	0.0097	19.83	31.67	51.50	127.66	-76.16	QP	100	359	
2	0.0252	20.08	24.16	44.24	119.42	-75.18	QP	100	336	
3	0.0421	19.70	19.42	39.12	114.99	-75.87	QP	100	117	
4	0.0668	19.33	14.88	34.21	111.00	-76.79	QP	100	200	
5	0.1354	19.09	15.25	34.34	104.90	-70.56	QP	100	192	
6	0.1497	19.08	9.52	28.60	104.03	-75.43	QP	100	322	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

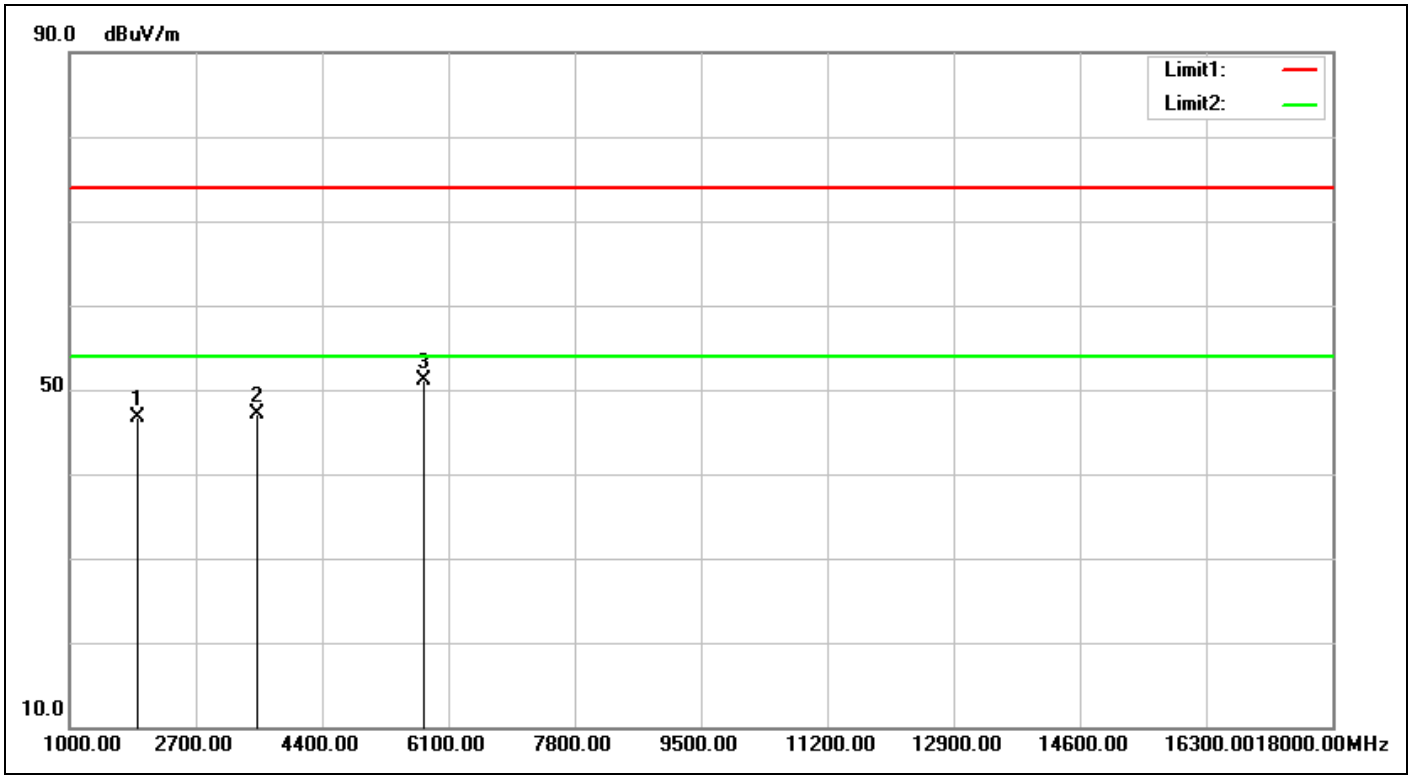


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:32:07**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-TX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	0.1798	19.06	24.37	43.43	102.45	-59.02	QP	100	285	
2	5.3438	19.79	15.44	35.23	69.50	-34.27	QP	100	2	
3	8.3587	20.07	12.61	32.68	69.50	-36.82	QP	100	125	
4	12.4780	20.66	11.83	32.49	69.50	-37.01	QP	100	59	
5	13.8213	20.89	10.80	31.69	69.50	-37.81	QP	100	168	
6	18.0898	21.65	8.77	30.42	69.50	-39.08	QP	100	227	

Spurious Emissions, RX Mode, 1-18G

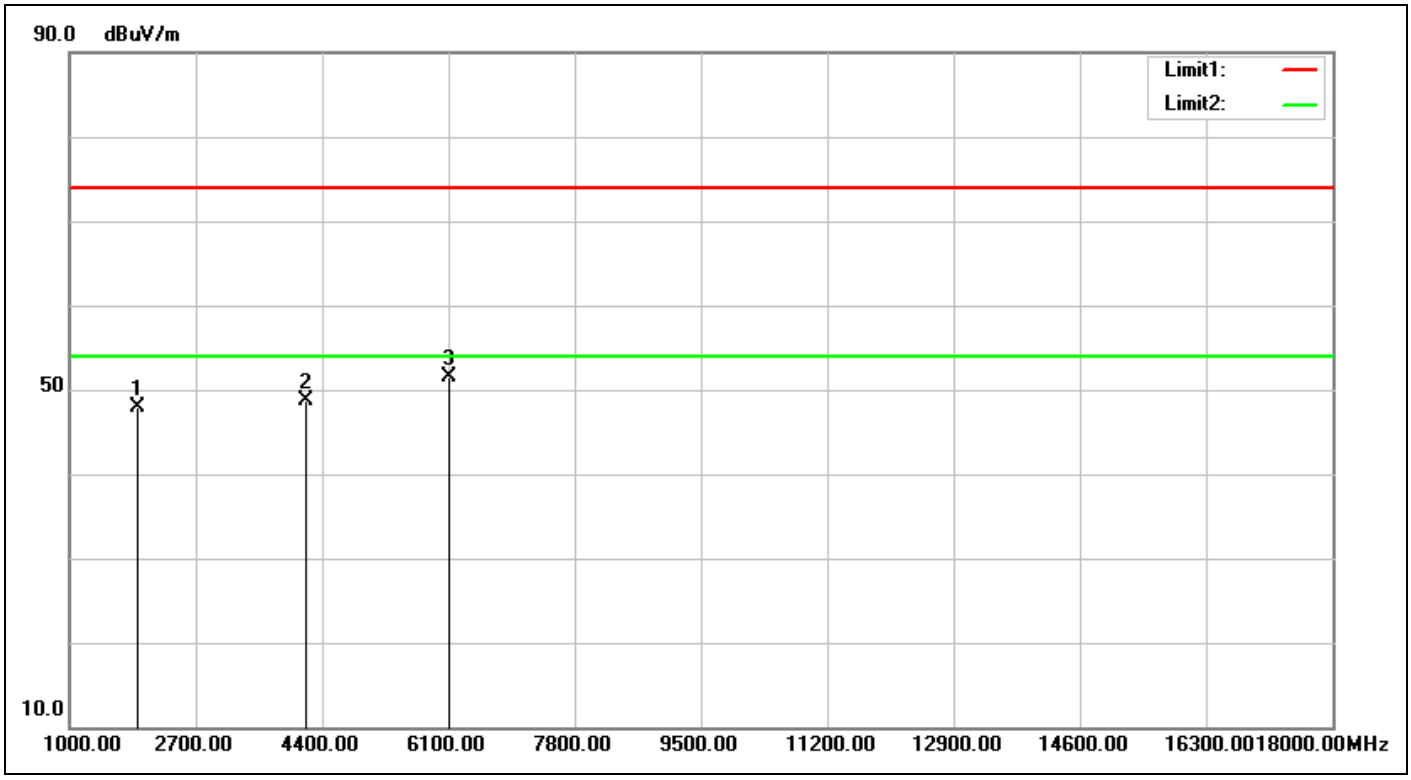
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:13:39**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	1918.000	-6.63	53.33	46.70	74.00	-27.30	peak	100	9	
2	3533.000	-4.10	51.18	47.08	74.00	-26.92	peak	100	280	
3	5777.000	4.36	46.72	51.08	74.00	-22.92	peak	100	178	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

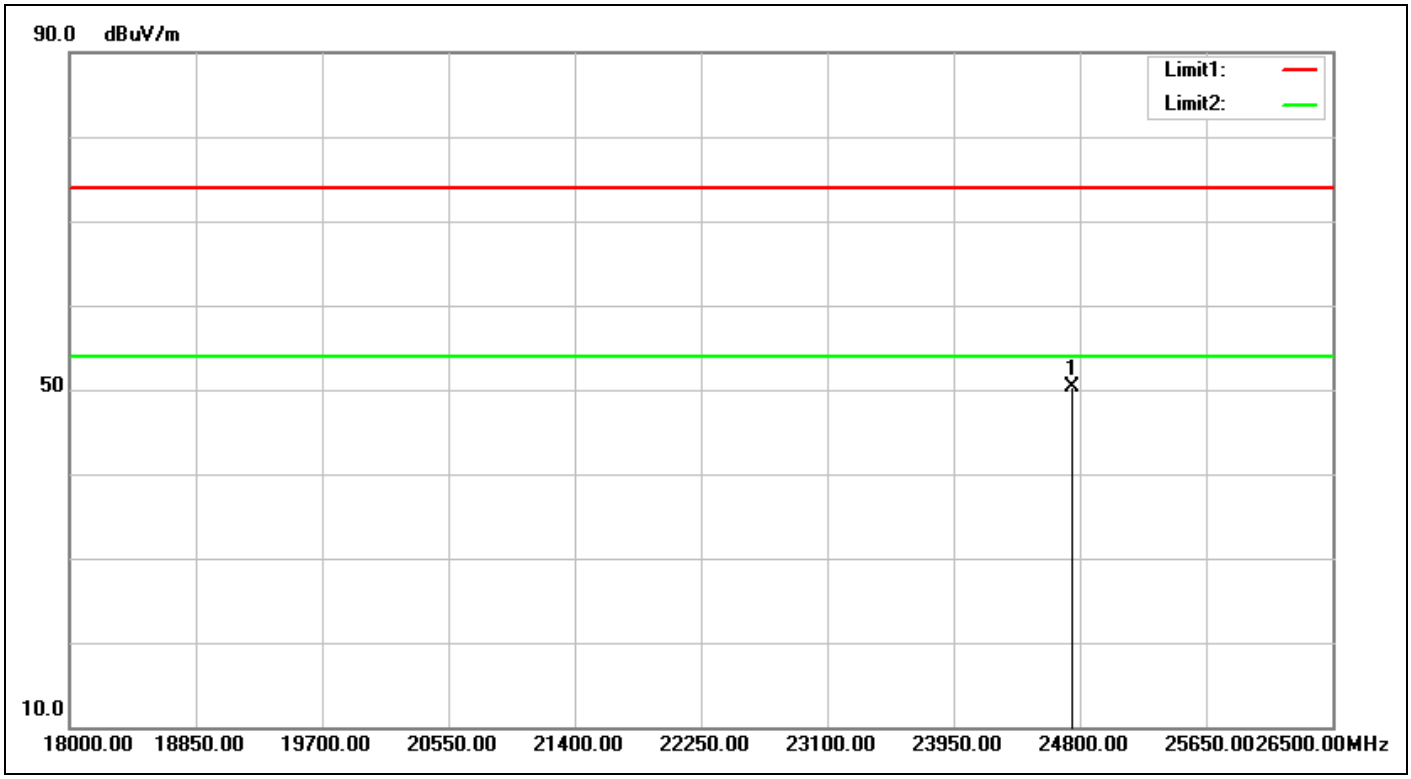


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:14:42**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	1918.000	-6.63	54.50	47.87	74.00	-26.13	peak	100	254	
2	4179.000	-2.28	50.93	48.65	74.00	-25.35	peak	100	235	
3	6117.000	6.36	45.18	51.54	74.00	-22.46	peak	100	232	

Spurious Emissions, RX Mode, 18-26G

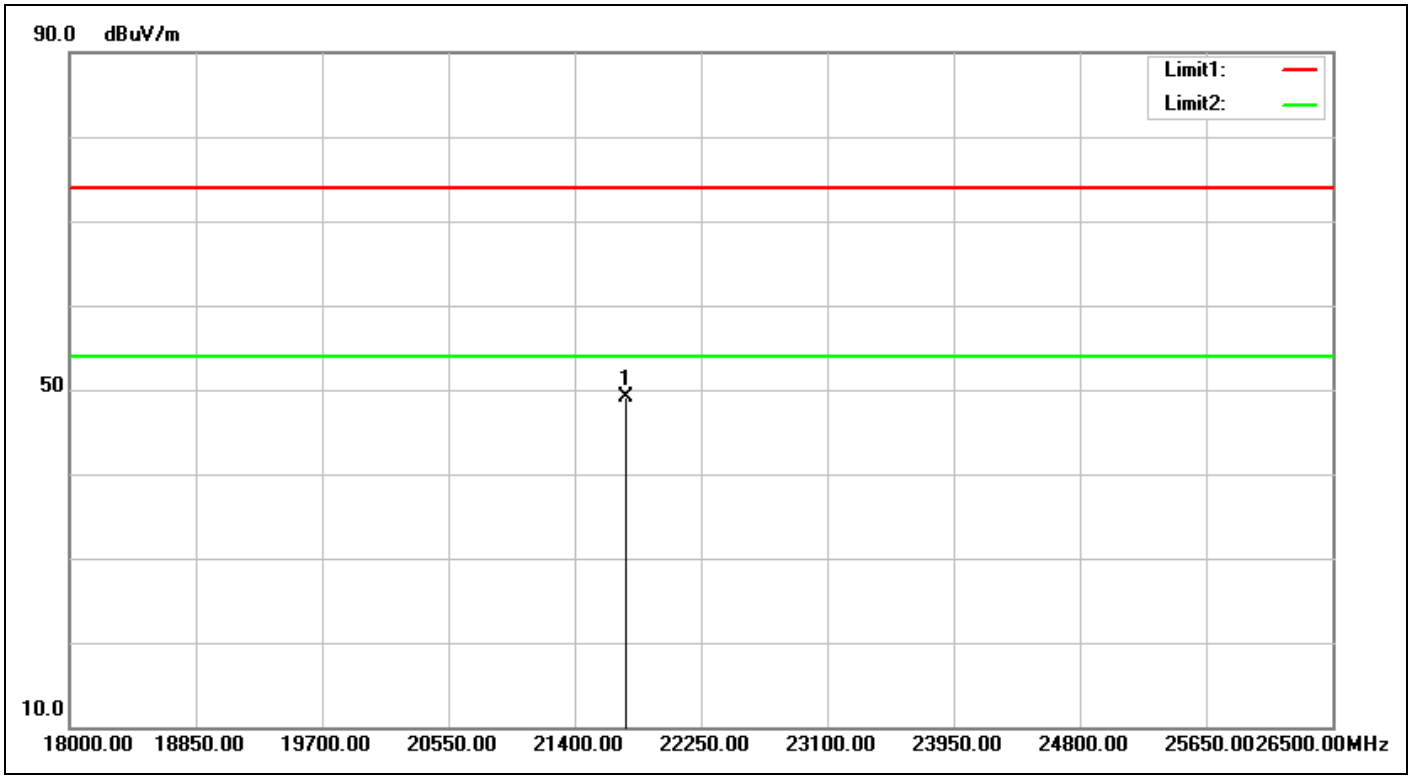
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:22:46**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	24749.000	32.93	17.39	50.32	74.00	-23.68	peak			

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

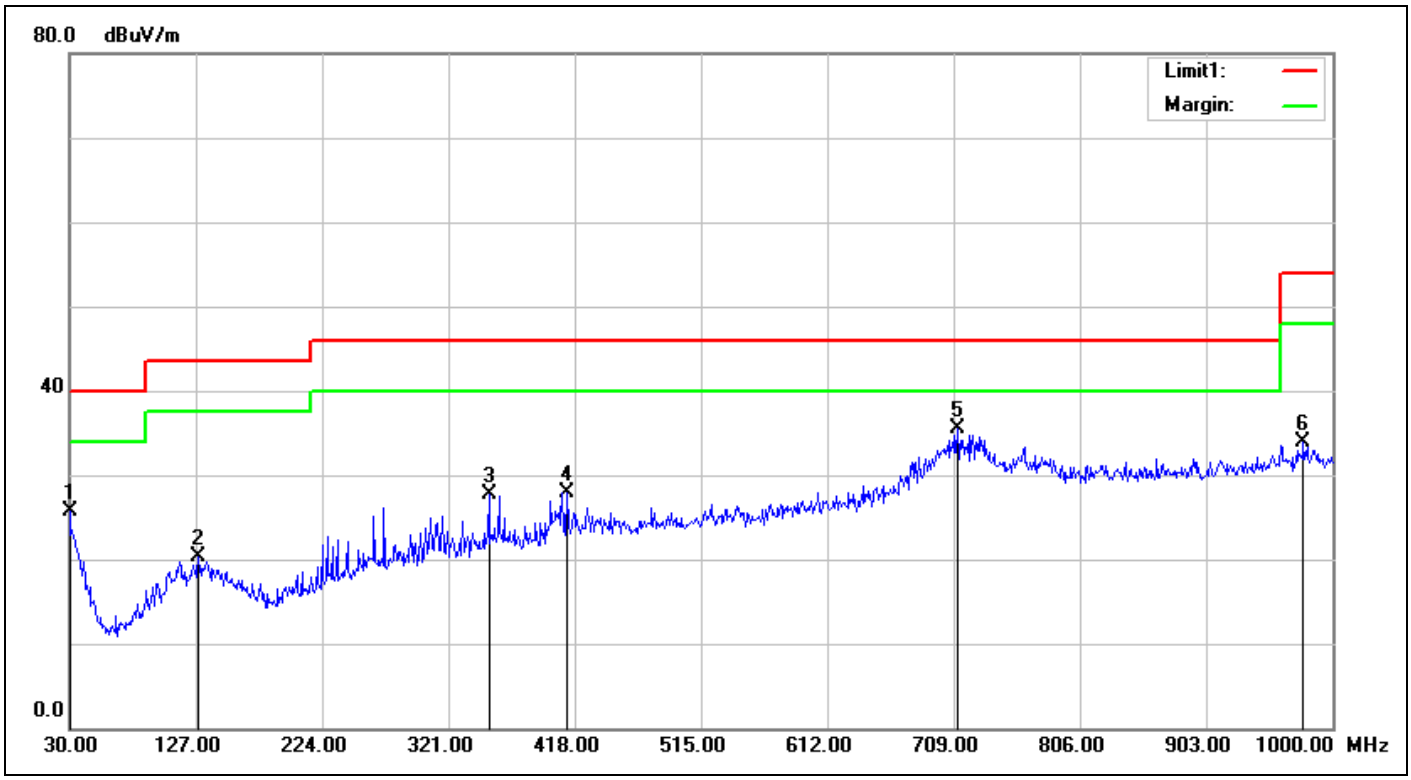


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/1 21:22:55**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	21748.500	32.43	16.71	49.14	74.00	-24.86	peak			

Spurious Emissions, RX Mode, 30M-1G

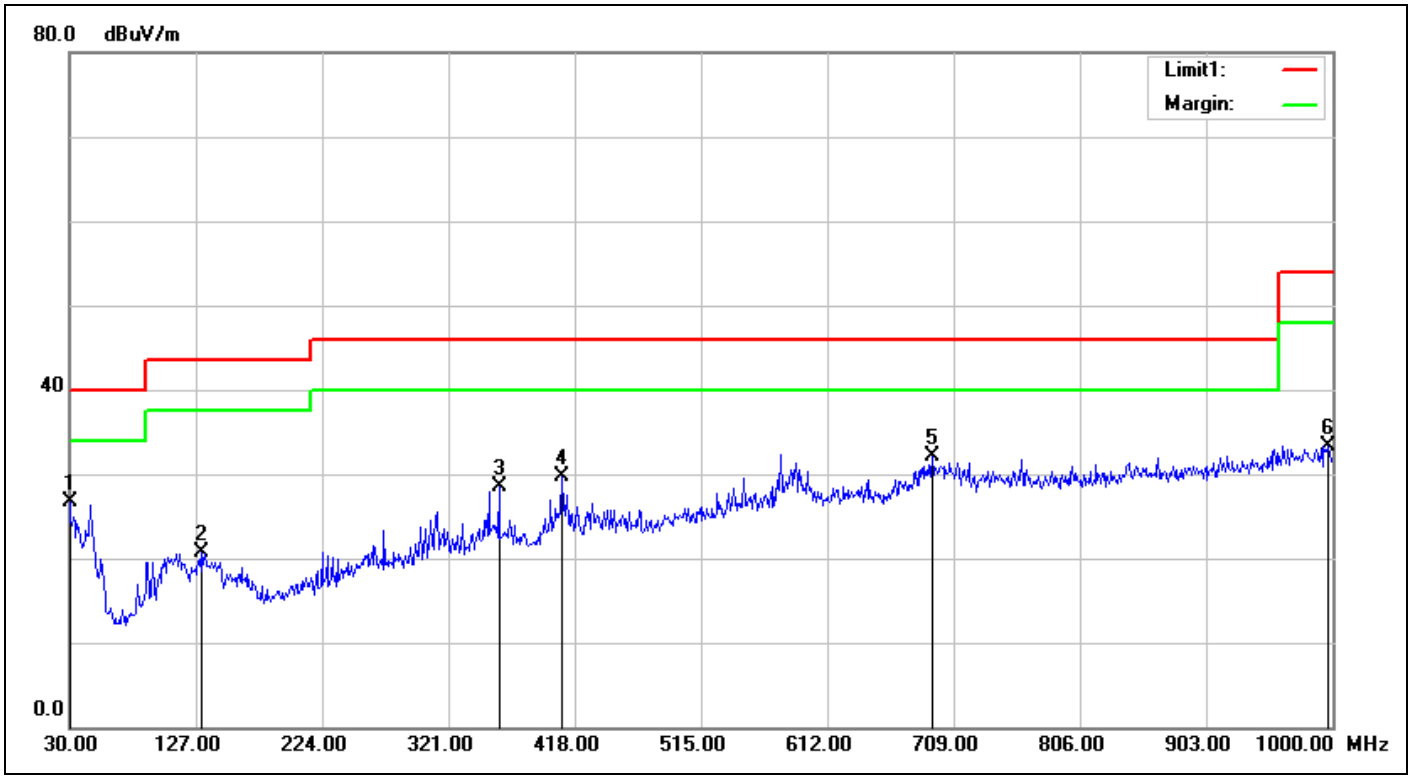
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:22:14**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	30.0000	-0.08	25.69	25.61	40.00	-14.39	QP	100	46	
2	128.9399	-7.07	27.31	20.24	43.50	-23.26	QP	100	131	
3	352.0400	-3.39	31.18	27.79	46.00	-18.21	QP	100	253	
4	412.1800	-2.37	30.23	27.86	46.00	-18.14	QP	100	227	
5	711.9099	1.39	34.16	35.55	46.00	-10.45	QP	100	261	
6	977.6900	5.60	28.38	33.98	54.00	-20.02	QP	100	184	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018

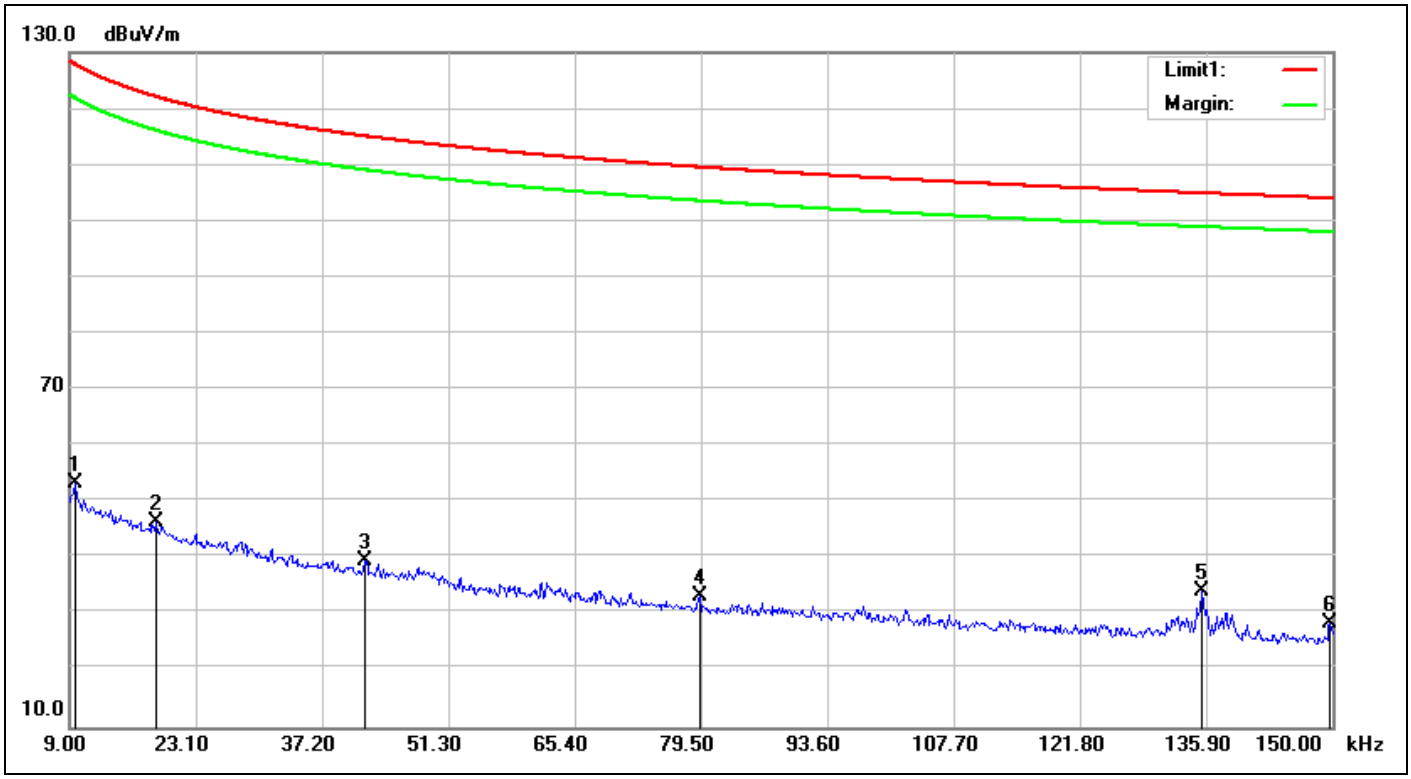


Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:23:17**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	30.0000	-0.08	26.69	26.61	40.00	-13.39	QP	100	0	
2	130.8800	-7.03	27.70	20.67	43.50	-22.83	QP	100	30	
3	359.8000	-3.24	31.65	28.41	46.00	-17.59	QP	100	120	
4	408.3000	-2.42	32.14	29.72	46.00	-16.28	QP	100	190	
5	692.5100	1.00	31.03	32.03	46.00	-13.97	QP	100	91	
6	997.0900	5.77	27.55	33.32	54.00	-20.68	QP	100	190	

Spurious Emissions, RX Mode, 9K-30M

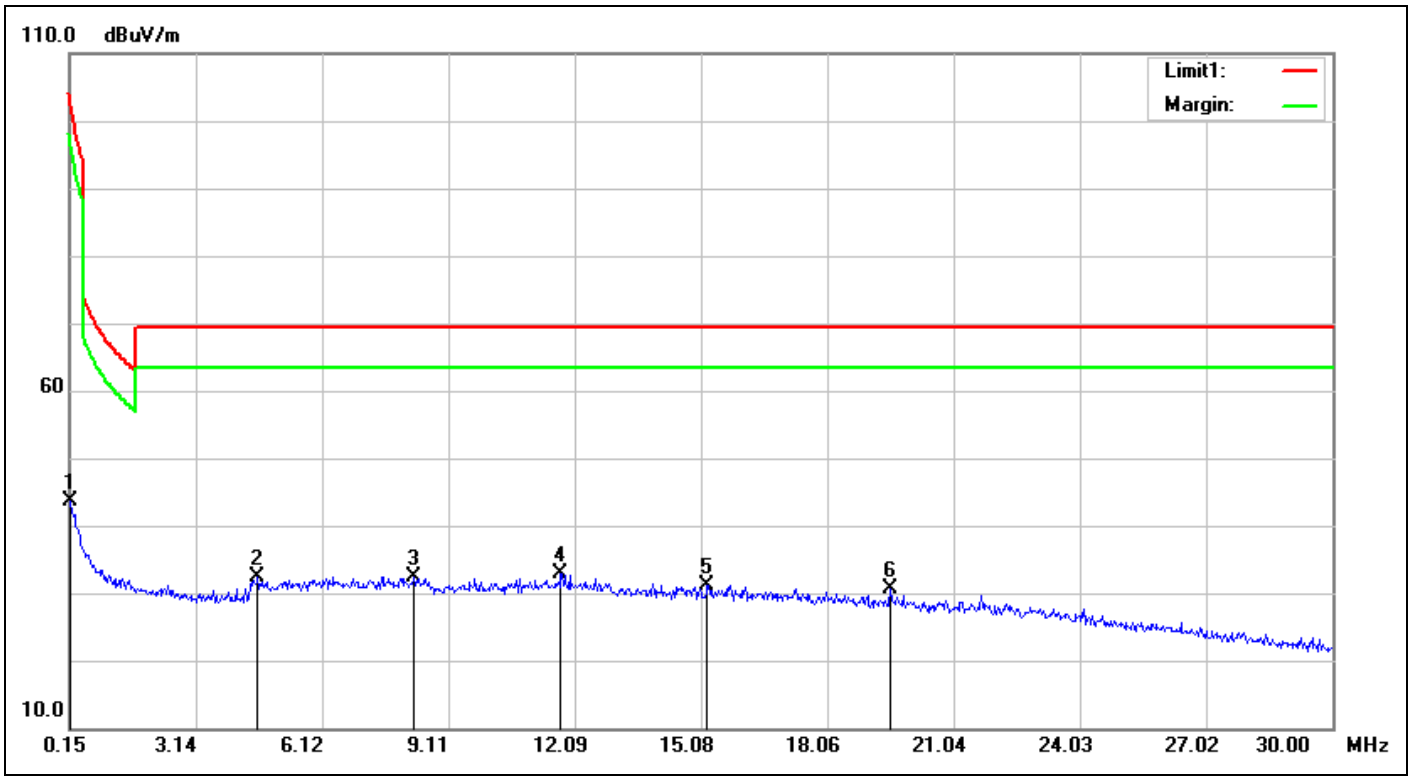
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:30:10**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	0.0096	19.78	33.52	53.30	127.84	-74.54	QP	100	293	
2	0.0186	20.02	26.45	46.47	122.12	-75.65	QP	100	341	
3	0.0420	19.71	19.90	39.61	115.07	-75.46	QP	100	246	
4	0.0793	19.25	13.91	33.16	109.56	-76.40	QP	100	230	
5	0.1355	19.09	15.16	34.25	104.93	-70.68	QP	100	187	
6	0.1497	19.08	9.49	28.57	104.06	-75.49	QP	100	0	

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 fax:+886-2528-0018



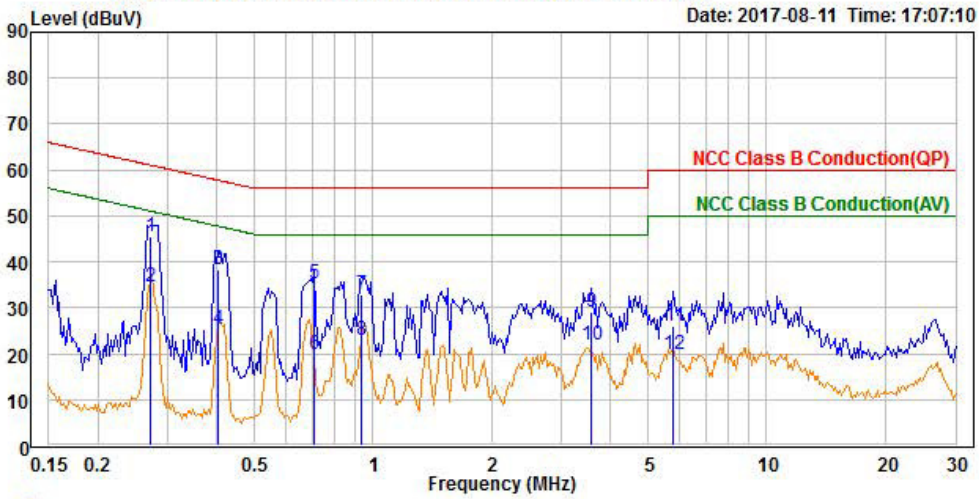
Service No.:	**114067308**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/8/3 21:33:10**
Applicant:	**Vencer**	**Test Rating:**	**DC 5V**
Product:	**Bluetooth Hi-Res Headphone Amplifier**	**Temp.(℃)/Hum.(%):**	**23.1(℃)/49%**
Model No.:	**VD-68xx**	**Test Engineer:**	**George Yang**
Test Mode:	**1DH5-2441-RX**		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (∘)	Remark
1	0.1500	19.08	24.57	43.65	104.05	-60.40	QP	100	22	
2	4.5976	19.51	12.88	32.39	69.50	-37.11	QP	100	312	
3	8.2990	20.06	12.29	32.35	69.50	-37.15	QP	100	75	
4	11.7616	20.53	12.32	32.85	69.50	-36.65	QP	100	14	
5	15.2242	21.14	10.03	31.17	69.50	-38.33	QP	100	243	
6	19.5525	21.90	8.74	30.64	69.50	-38.86	QP	100	192	

Mains Spurious Emissions

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018

File: C:\EMC\Report\2017\Vencer\114067308(VD-68xx)\1_00001.EMI



Trace: 1

Site : Conduction room
Condition : NCC Class B Conduction(QP) line1
Test Engineer: George Yang
Applicant : Vencer
Product : Bluetooth Hi-Res Headphone Amplifier
Model No. : VD-68xx
Test Rating : 110Vac/60Hz
Tmp/Hum : 22.8℃ / 40%
Memo : Mains

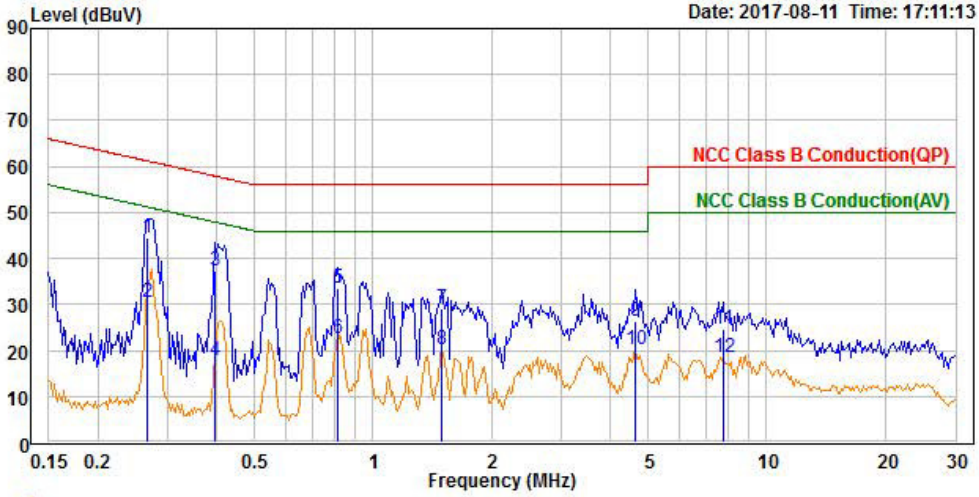
	Freq	Level	Read Level	LISN Factor	Cable Loss	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dB	dBuV	dB	
1	0.272	45.41	35.75	9.64	0.02	9.66	61.05	-15.64	QP
2	0.272	34.70	25.04	9.64	0.02	9.66	51.05	-16.35	Average
3	0.405	38.36	28.70	9.64	0.02	9.66	57.74	-19.38	QP
4	0.405	25.35	15.69	9.64	0.02	9.66	47.74	-22.39	Average
5	0.707	35.11	25.45	9.64	0.02	9.66	56.00	-20.89	QP
6	0.707	19.86	10.20	9.64	0.02	9.66	46.00	-26.14	Average
7	0.934	32.82	23.15	9.64	0.03	9.67	56.00	-23.18	QP
8	0.934	22.82	13.15	9.64	0.03	9.67	46.00	-23.18	Average
9	3.575	29.07	19.36	9.66	0.05	9.71	56.00	-26.93	QP
10	3.575	21.74	12.03	9.66	0.05	9.71	46.00	-24.26	Average
11	5.818	26.04	16.30	9.68	0.06	9.74	60.00	-33.96	QP
12	5.818	19.99	10.25	9.68	0.06	9.74	50.00	-30.01	Average

- 1 -

Spurious Emissions, Mains, 150kHz - 30MHz

TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018

File: C:\EMC\Report\2017\Vencer\114067308(VD-68xx)\1_00003.EMI



Trace: 1

Site : Conduction room
Condition : NCC Class B Conduction(QP) neutral
Test Engineer: George Yang
Applicant : Vencer
Product : Bluetooth Hi-Res Headphone Amplifier
Model No. : VD-68xx
Test Rating : 110Vac/60Hz
Tmp/Hum : 22.8℃ / 40%
Memo : Mains

	Freq	Level	Read Level	LISN Factor	Cable Loss	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dB	dB	dBuV	dB	
1	0.267	44.56	34.89	9.65	0.02	9.67	61.21	-16.65	QP
2	0.267	30.46	20.79	9.65	0.02	9.67	51.21	-20.75	Average
3	0.397	37.22	27.56	9.64	0.02	9.66	57.91	-20.69	QP
4	0.397	17.85	8.19	9.64	0.02	9.66	47.91	-30.06	Average
5	0.813	33.52	23.85	9.65	0.02	9.67	56.00	-22.48	QP
6	0.813	22.71	13.04	9.65	0.02	9.67	46.00	-23.29	Average
7	1.491	28.94	19.25	9.66	0.03	9.69	56.00	-27.06	QP
8	1.491	20.29	10.60	9.66	0.03	9.69	46.00	-25.71	Average
9	4.629	26.34	16.61	9.68	0.05	9.73	56.00	-29.66	QP
10	4.629	20.15	10.42	9.68	0.05	9.73	46.00	-25.85	Average
11	7.762	24.61	14.83	9.71	0.07	9.78	60.00	-35.39	QP
12	7.762	18.49	8.71	9.71	0.07	9.78	50.00	-31.51	Average

Spurious Emissions, Mains, 150kHz - 30MHz