Test Report No.50079522 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50079522 001AppendixD)

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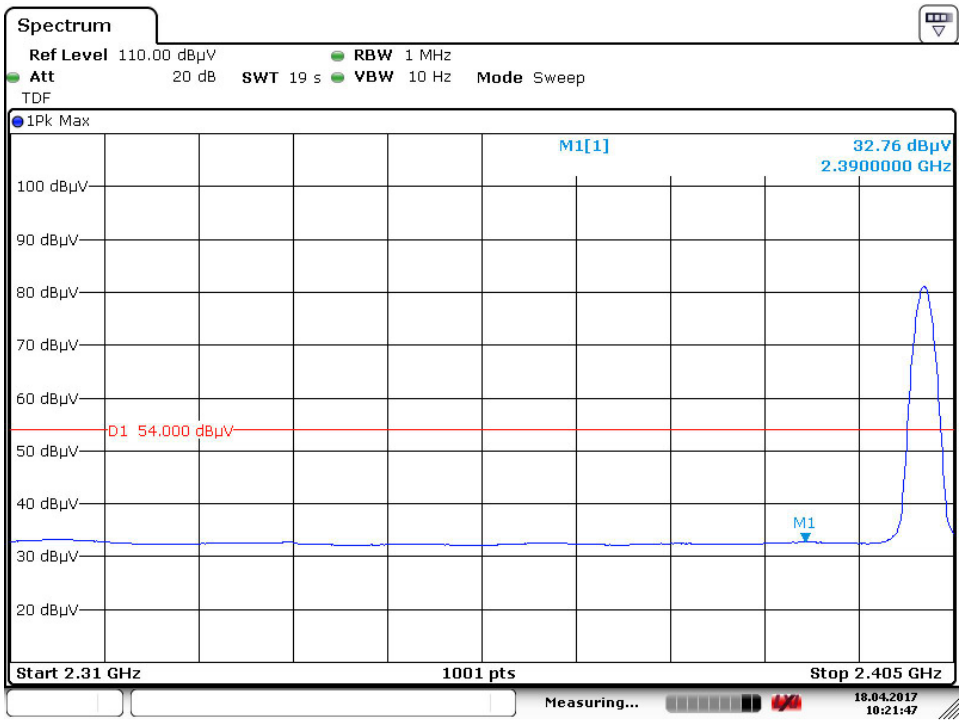
Radiated Bandedge (GFSK)

Low Channel (Hor)



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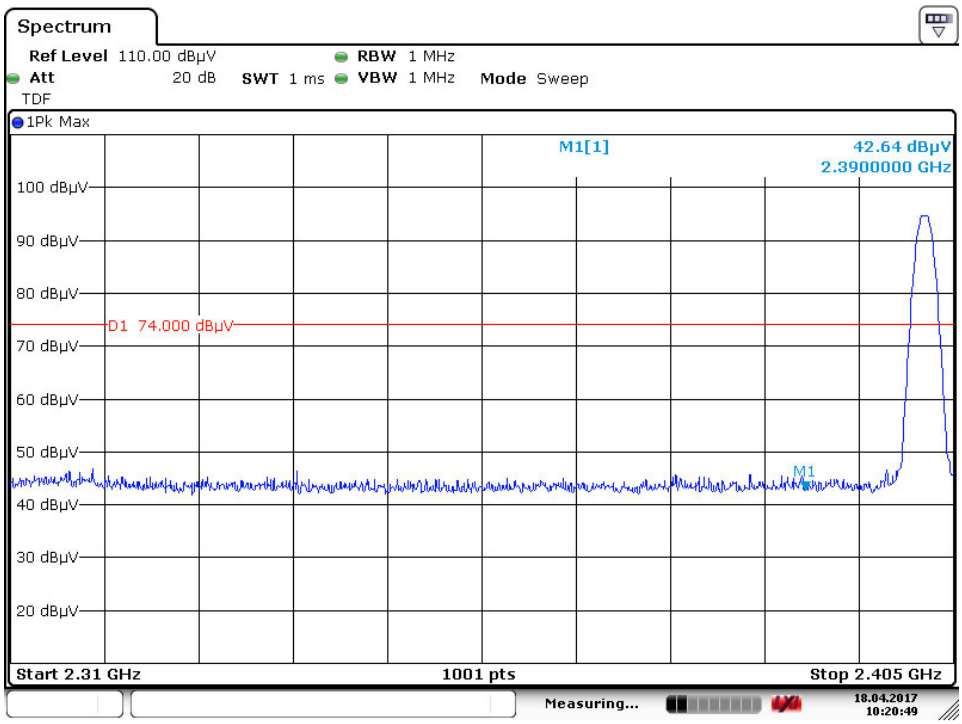

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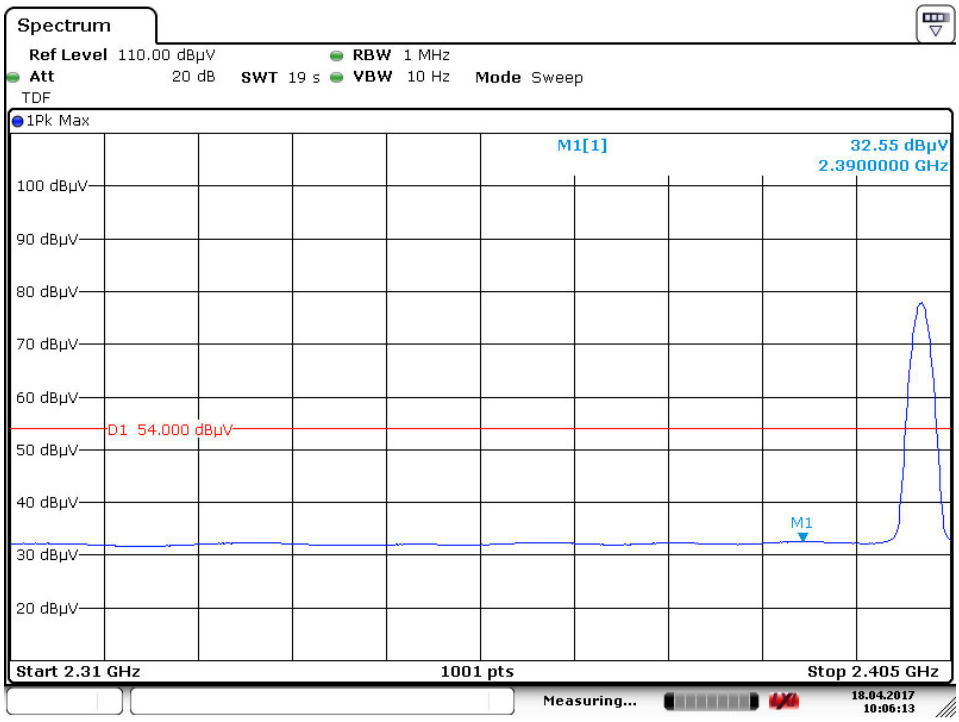
Low Channel (Ver)



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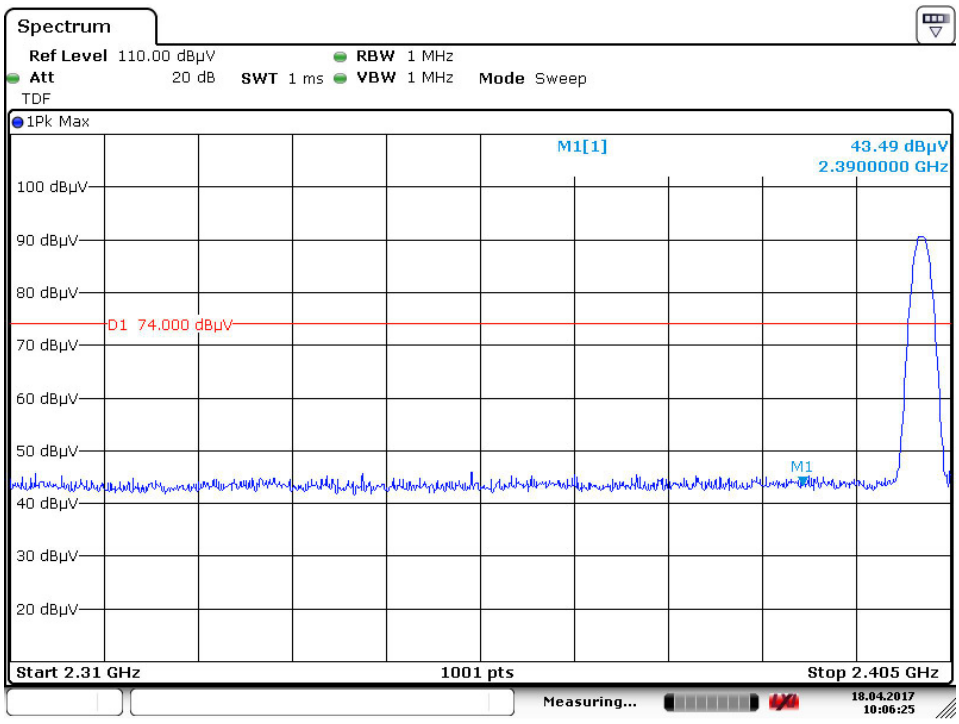

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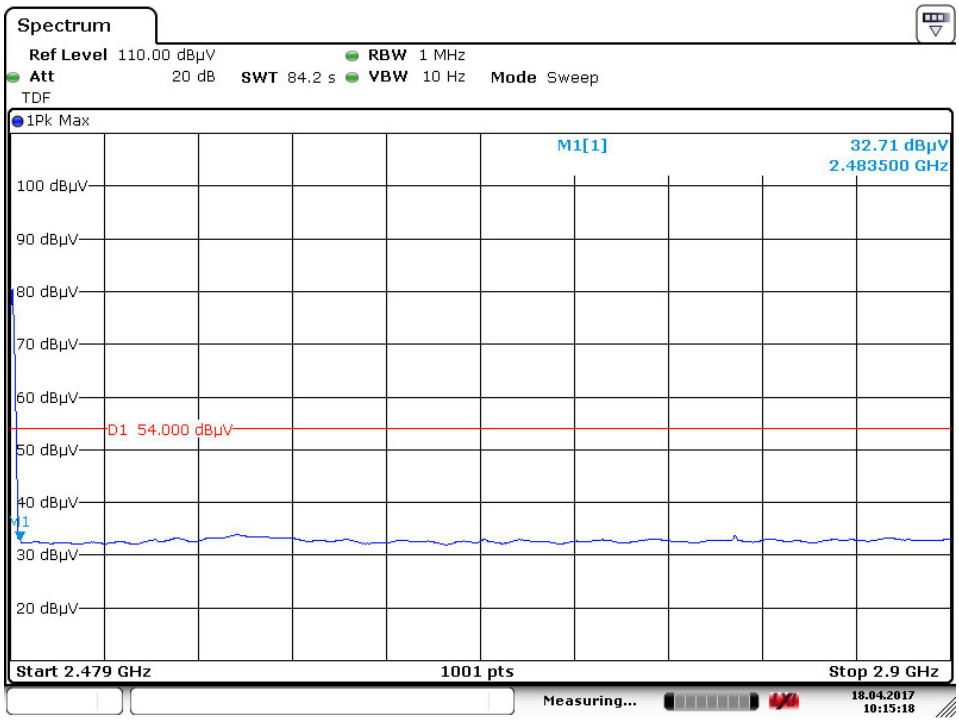
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



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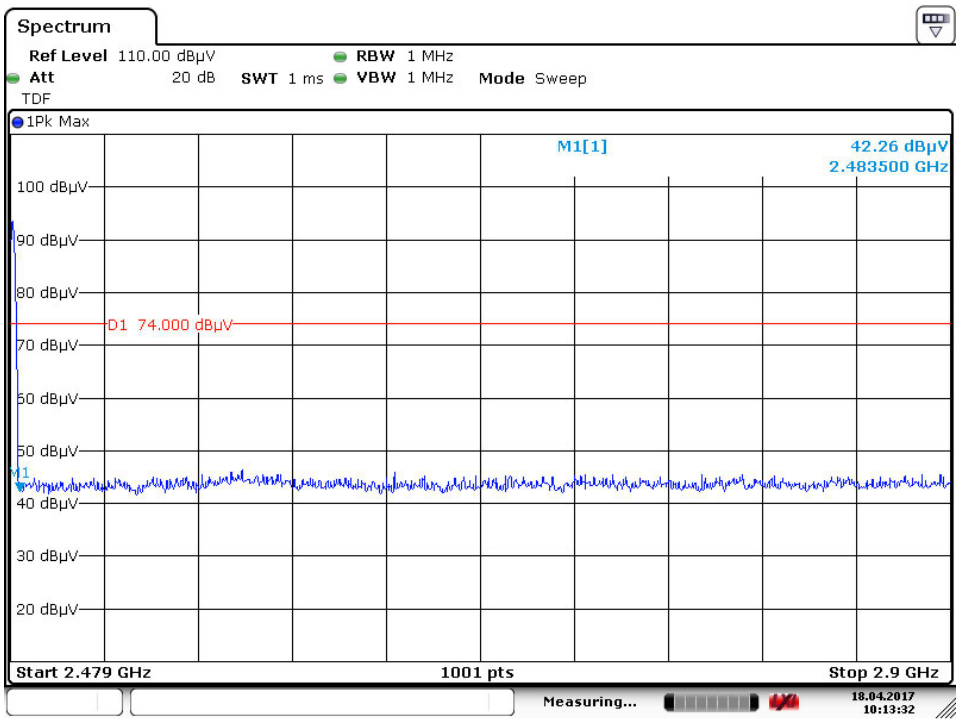

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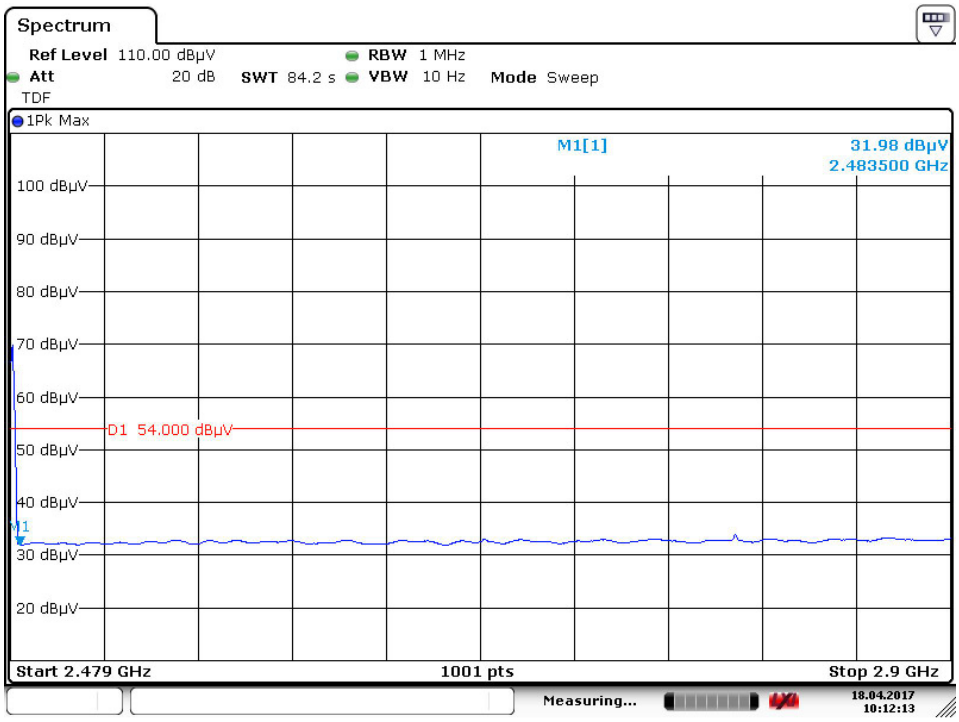
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



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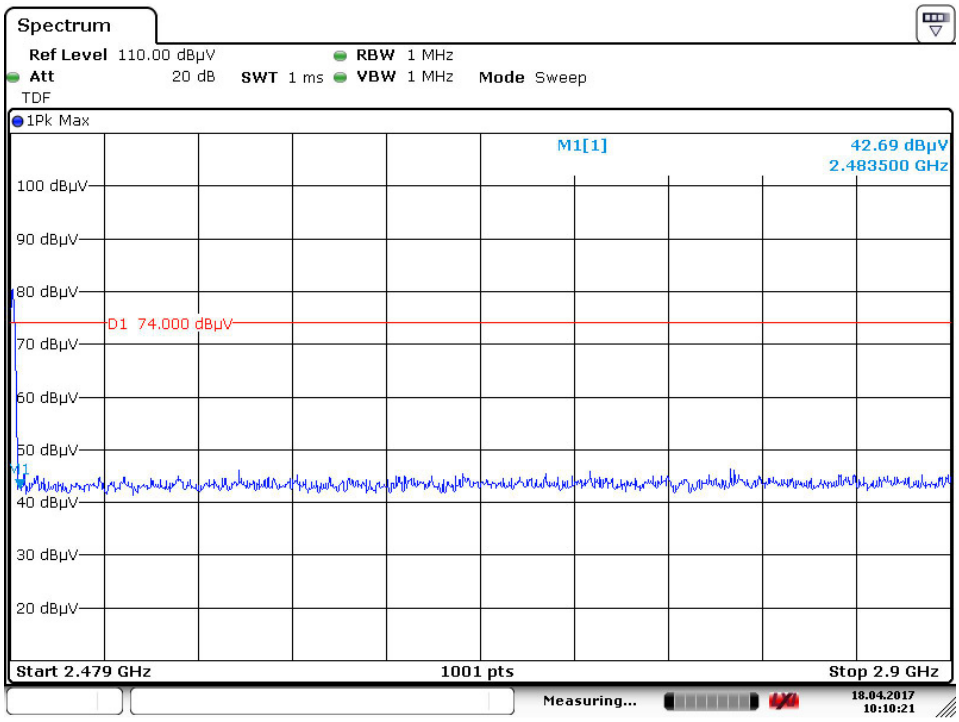

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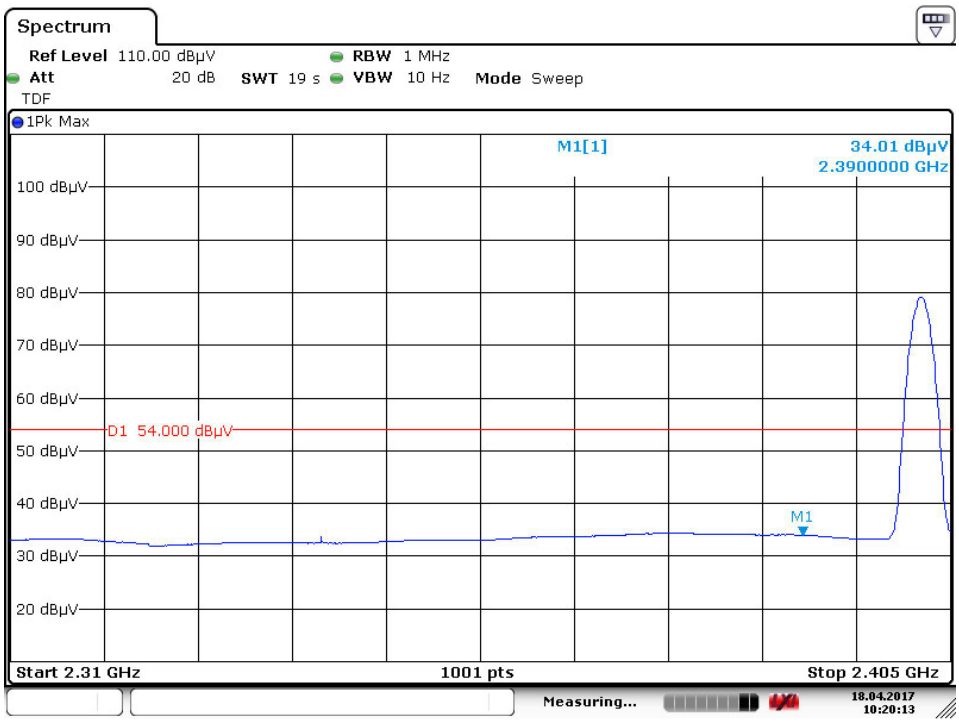
Spurious Emissions, Band Edge, 2.35-2.5G

Radiated Bandedge (8DPSK)

Low Channel (Hor)



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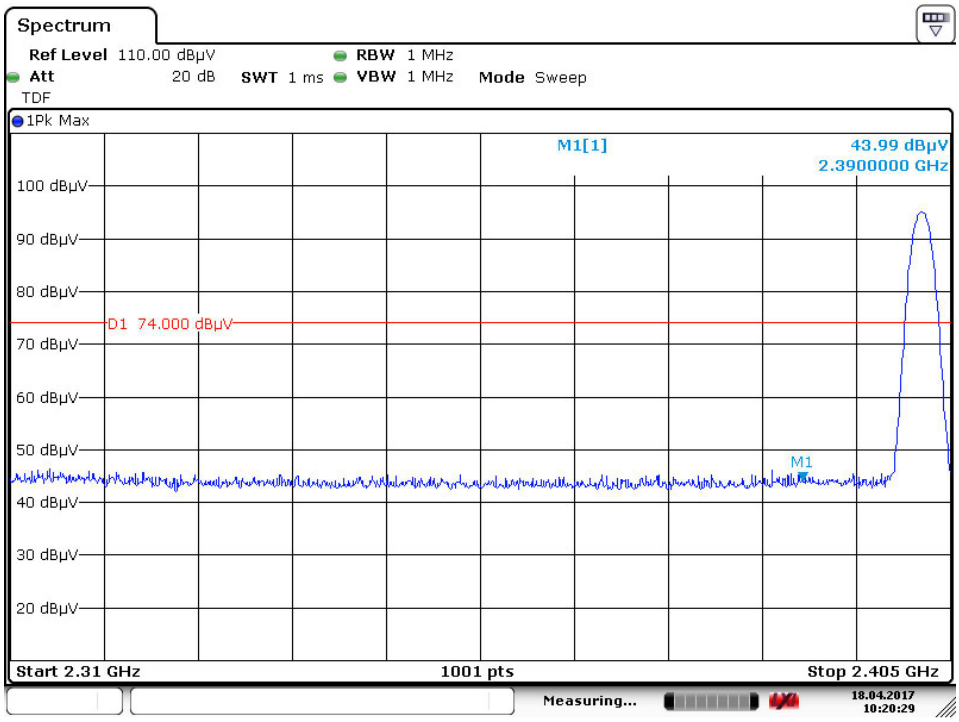

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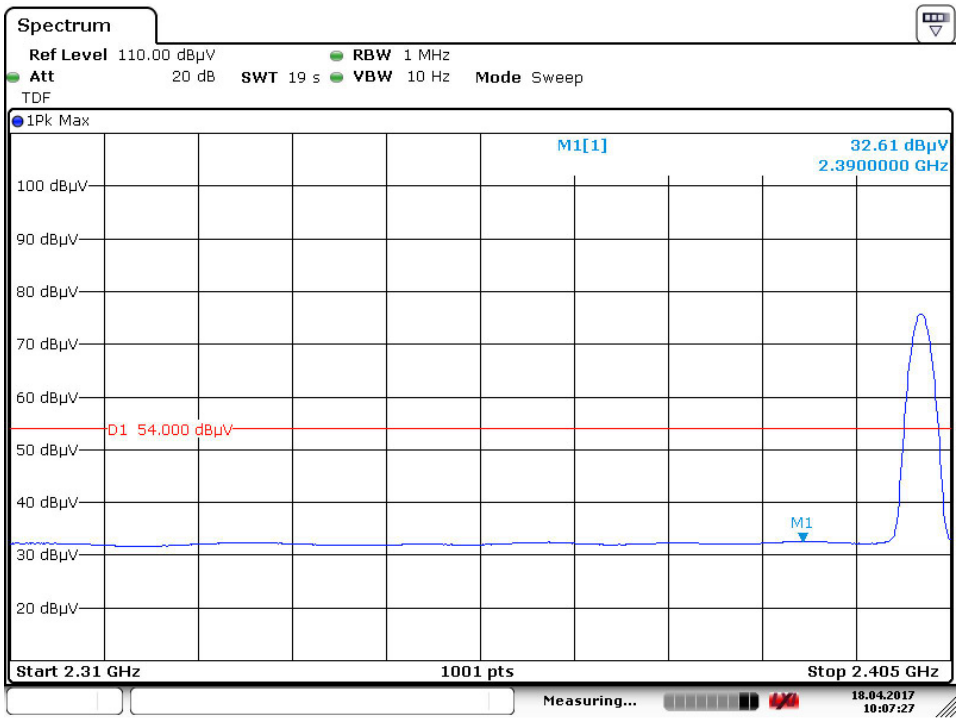

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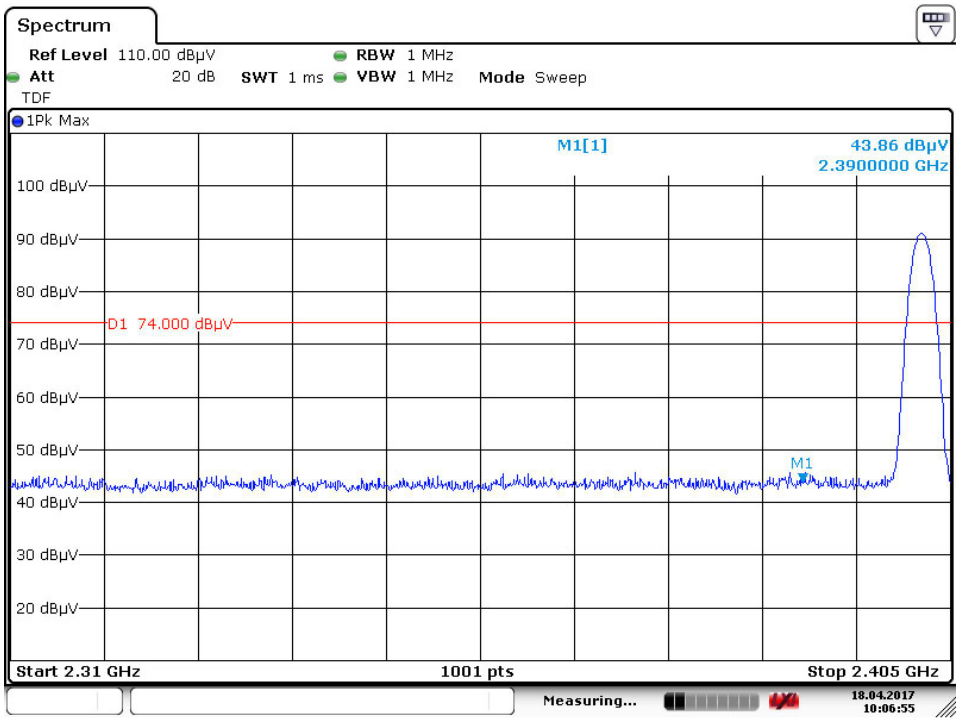

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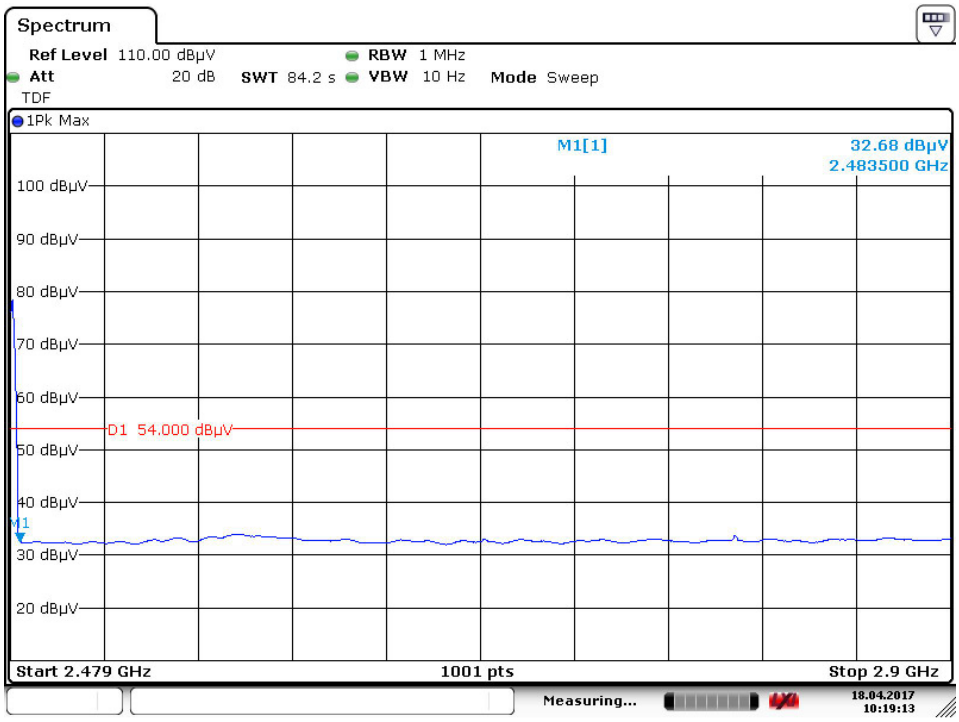
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Hor)



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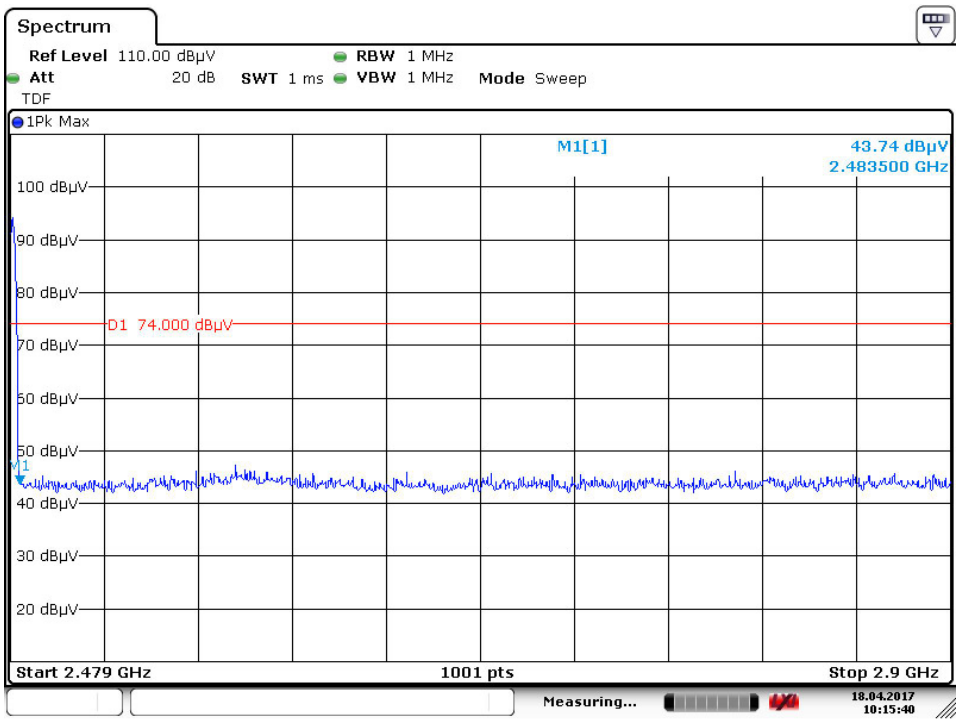

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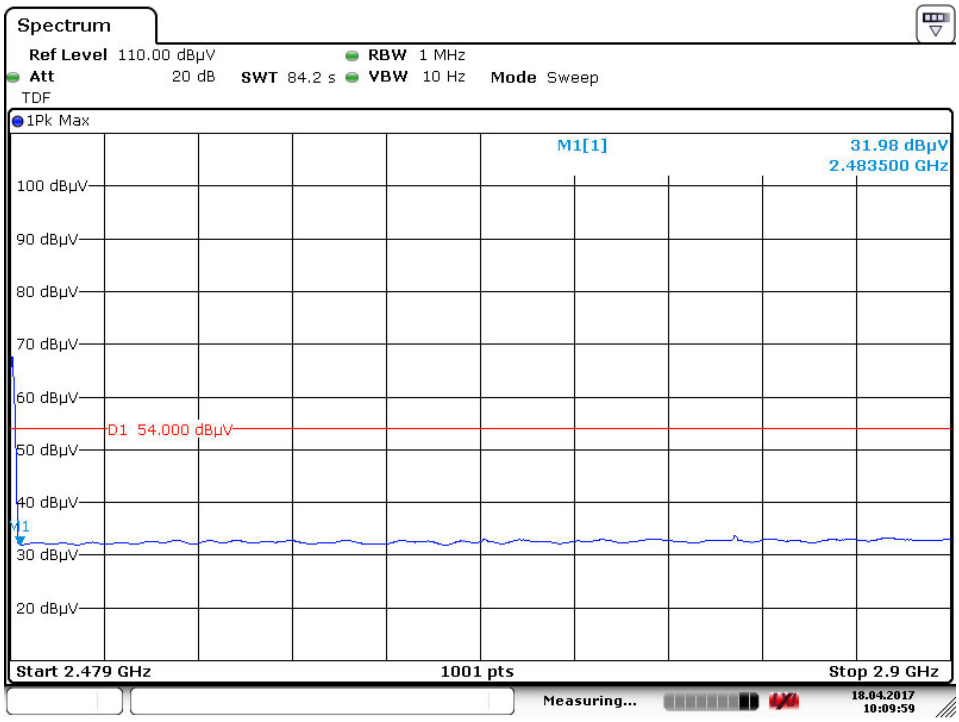
Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



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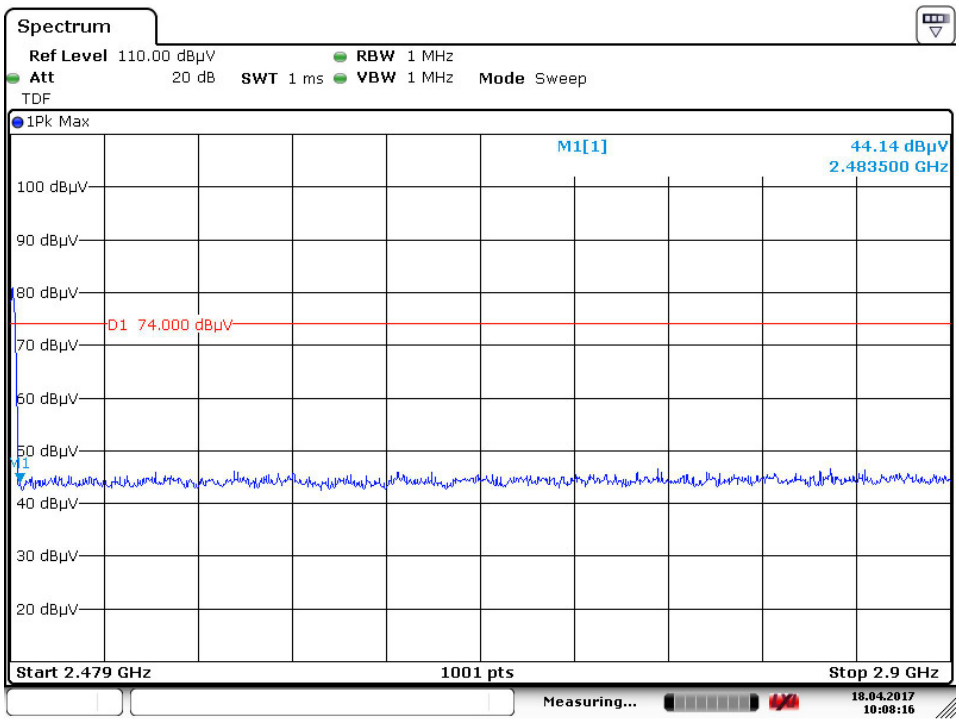

Date: 18.APR.2017 10:08:15

Spurious Emissions, Band Edge, 2.35-2.5G

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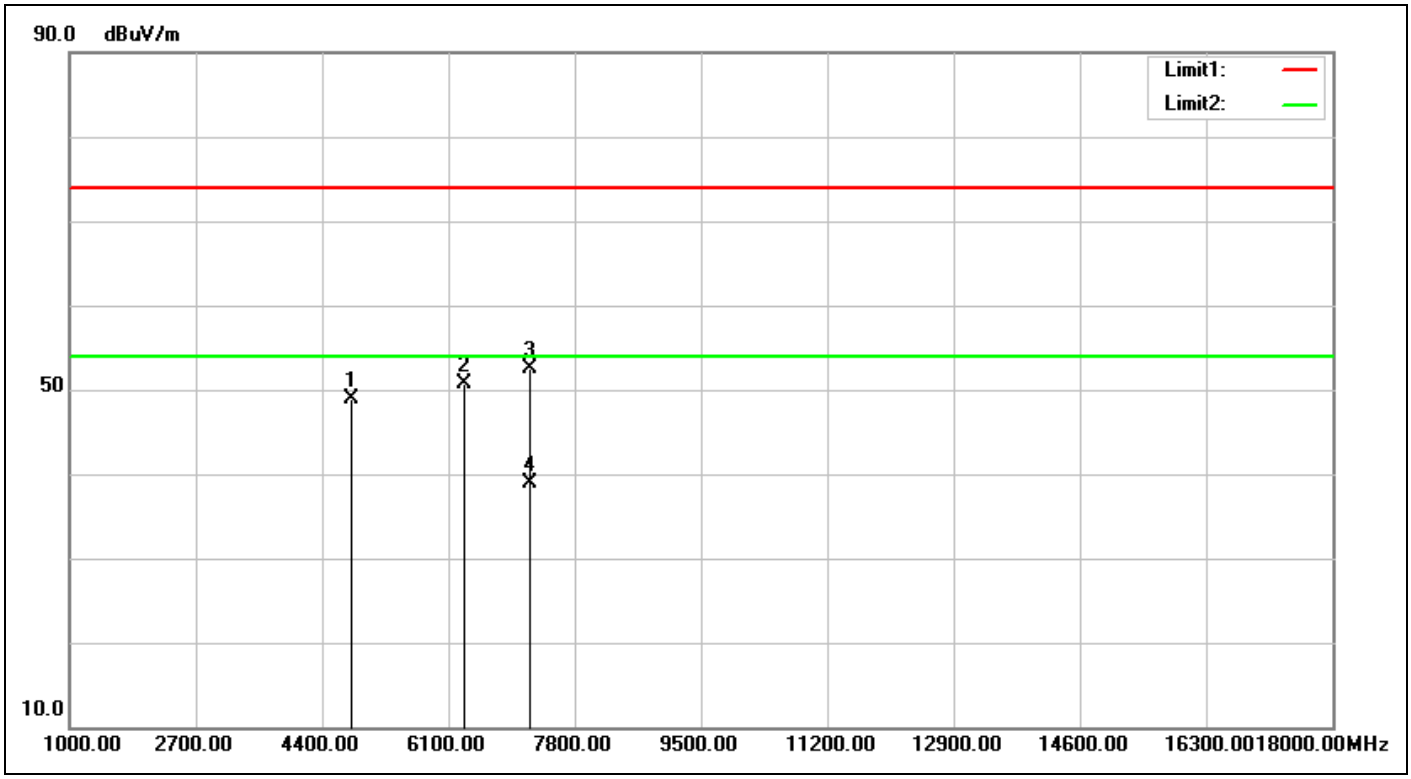

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:21:37**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-2.66	51.65	48.99	74.00	-25.01	peak	100	304	
2	6321.000	4.95	45.69	50.64	74.00	-23.36	peak	100	179	
3	7206.000	5.58	46.92	52.50	74.00	-21.50	peak	100	279	
4	7206.000	5.58	33.28	38.86	54.00	-15.14	AVG	100	279	

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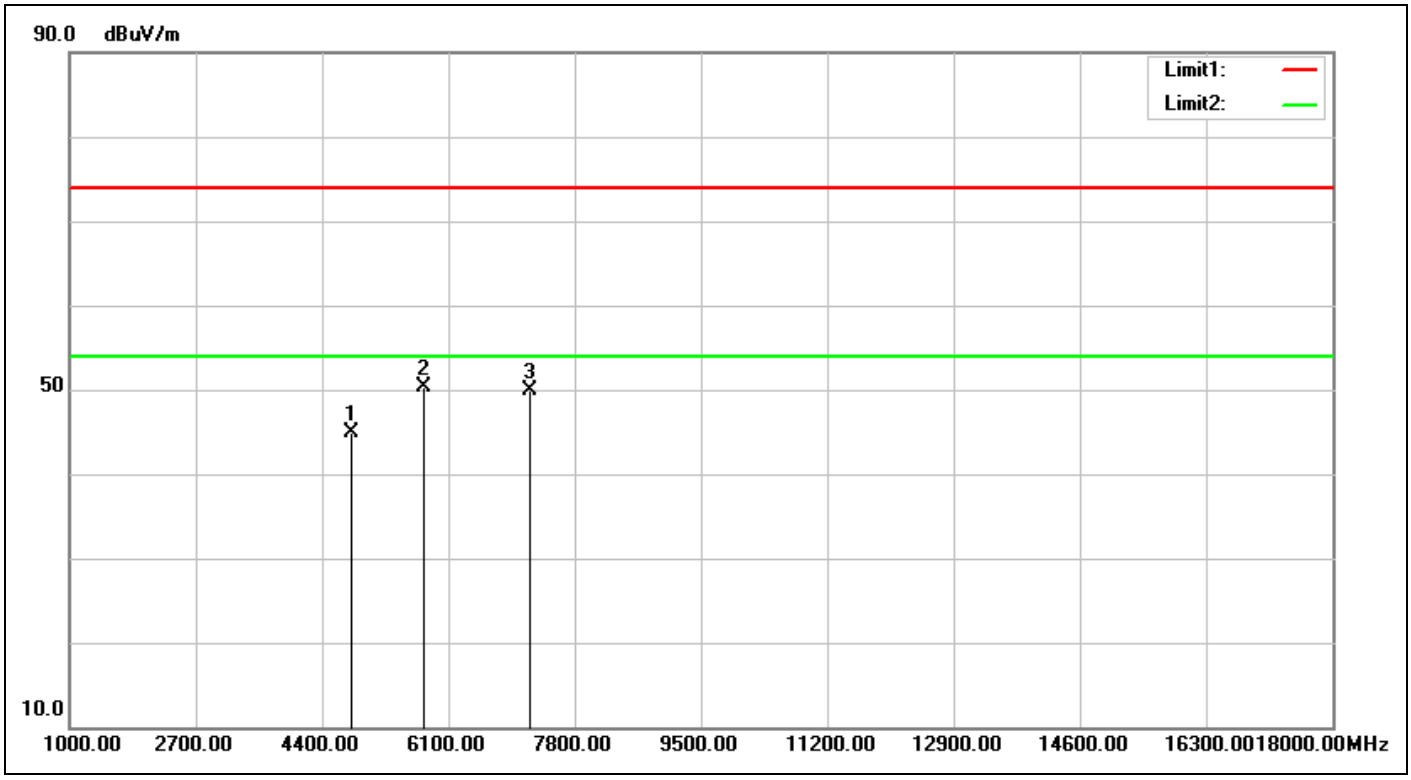

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:22:39**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-2.66	47.53	44.87	74.00	-29.13	peak			
2	5777.000	2.36	47.99	50.35	74.00	-23.65	peak	100	200	
3	7206.000	5.58	44.32	49.90	74.00	-24.10	peak			

Spurious Emissions, TX Mode, 1-18G

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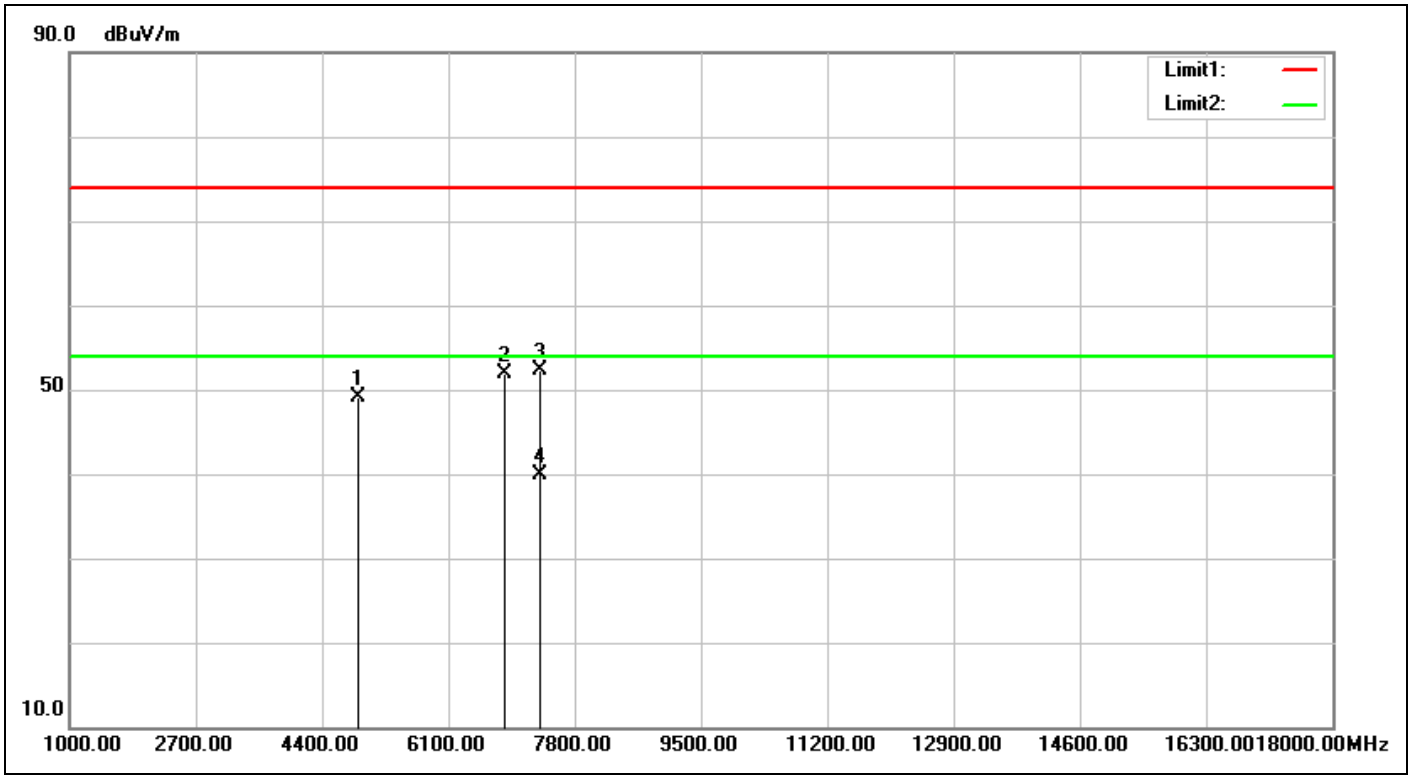

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:25:37**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4876.000	-2.48	51.65	49.17	74.00	-24.83	peak	100	0	
2	6865.000	5.12	46.71	51.83	74.00	-22.17	peak	100	33	
3	7323.000	5.93	46.36	52.29	74.00	-21.71	peak	100	249	
4	7323.000	5.93	33.88	39.81	54.00	-14.19	AVG	100	249	

Spurious Emissions, TX Mode, 1-18G

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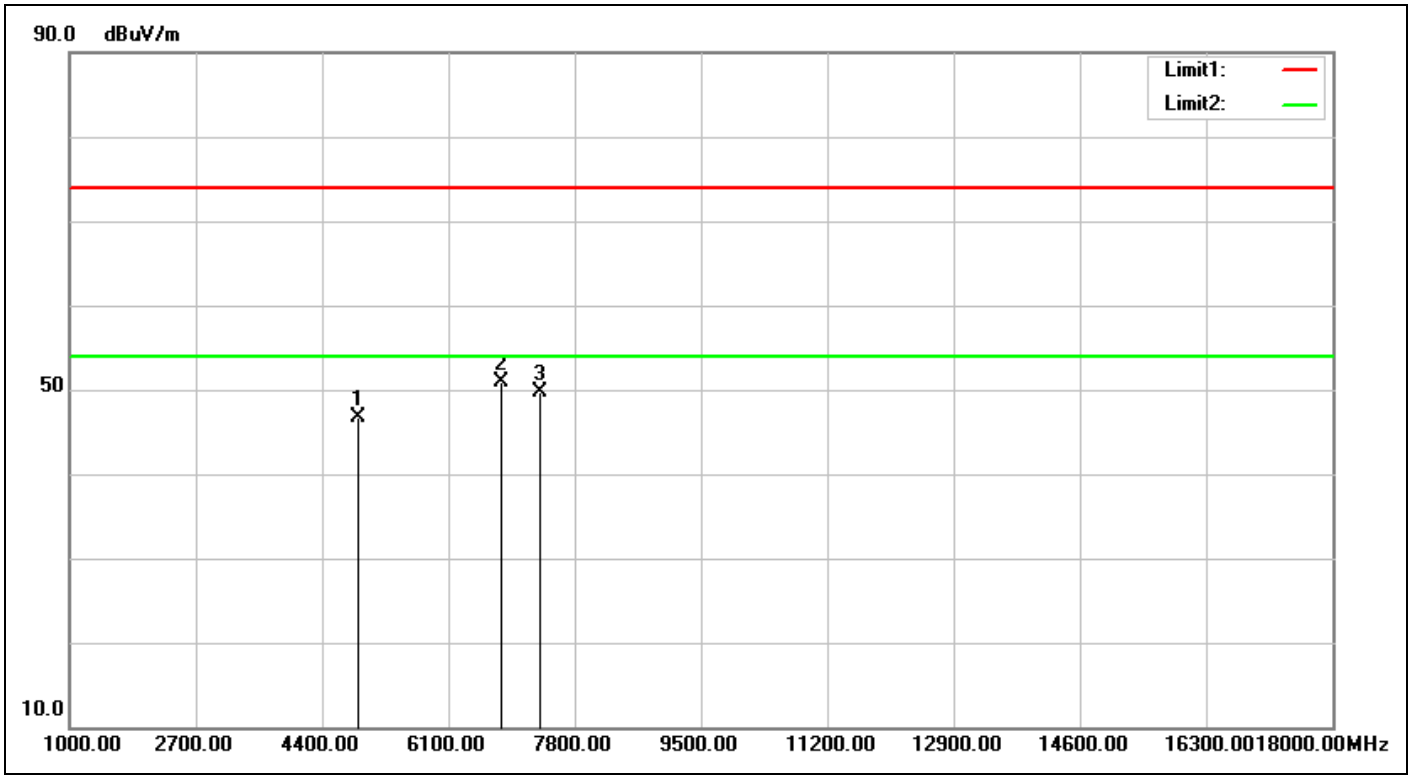

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:26:40**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4882.000	-2.48	49.18	46.70	74.00	-27.30	peak			
2	6814.000	5.19	45.64	50.83	74.00	-23.17	peak	100	319	
3	7323.000	5.93	43.85	49.78	74.00	-24.22	peak			

Spurious Emissions, TX Mode, 1-18G

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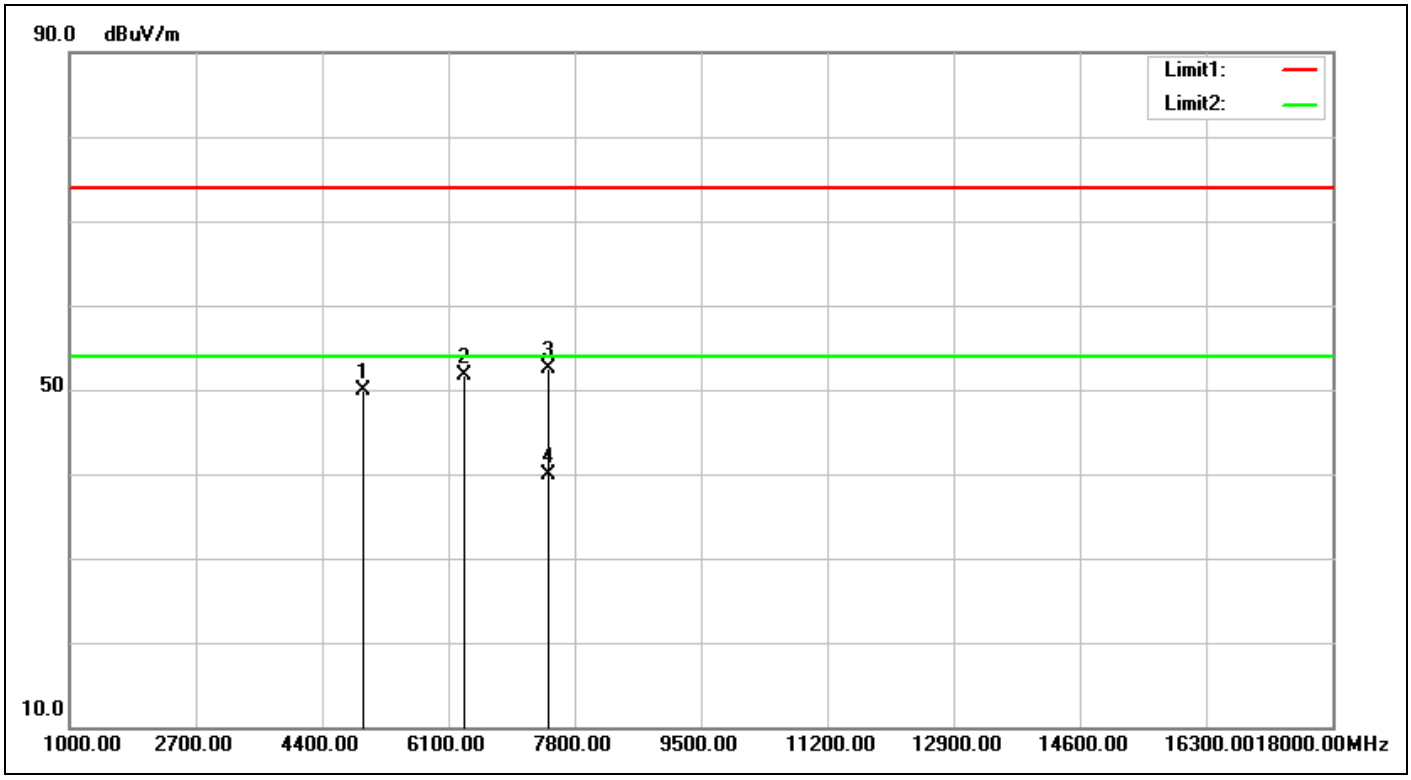

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:28:39**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4960.000	-2.31	52.14	49.83	74.00	-24.17	peak	100	282	
2	6304.000	4.90	46.81	51.71	74.00	-22.29	peak	100	299	
3	7440.000	6.28	46.32	52.60	74.00	-21.40	peak	100	138	
4	7440.000	6.28	33.69	39.97	54.00	-14.03	AVG	100	138	

Spurious Emissions, TX Mode, 1-18G

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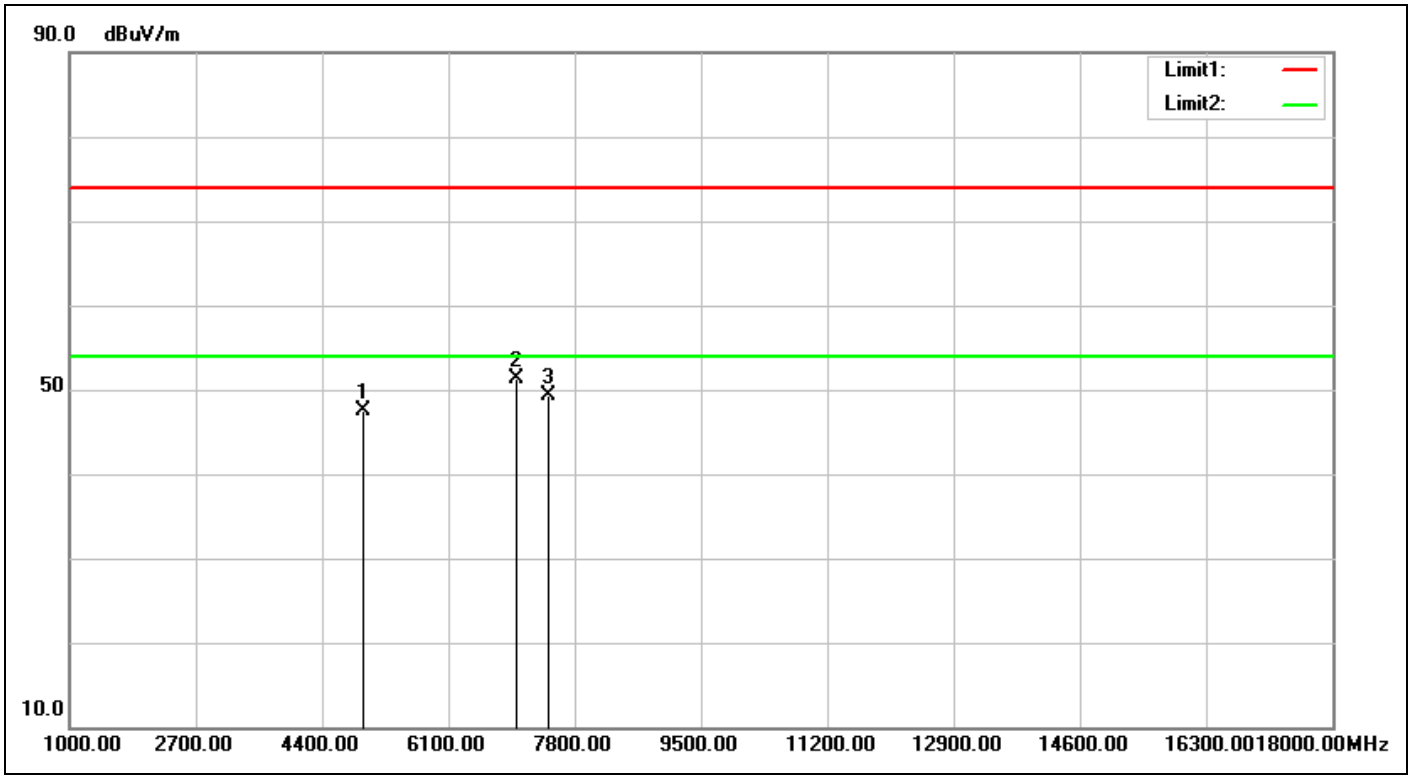

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:29:42**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4960.000	-2.31	49.72	47.41	74.00	-26.59	peak			
2	7018.000	5.03	46.22	51.25	74.00	-22.75	peak	100	234	
3	7440.000	6.28	43.04	49.32	74.00	-24.68	peak			

Spurious Emissions, TX Mode, 1-18G

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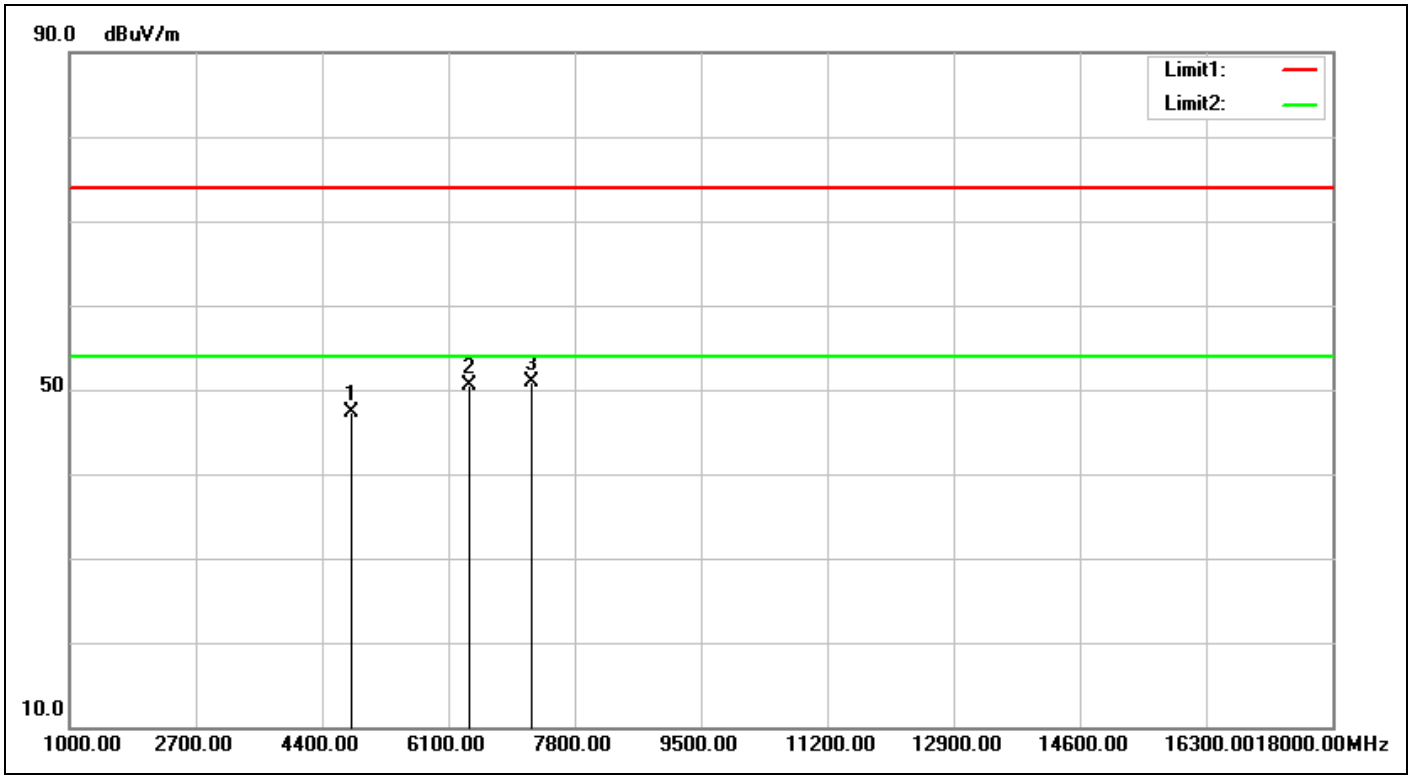

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:32:29**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-2.66	49.91	47.25	74.00	-26.75	peak			
2	6389.000	5.18	45.40	50.58	74.00	-23.42	peak	100	323	
3	7206.000	5.58	45.28	50.86	74.00	-23.14	peak			

Spurious Emissions, TX Mode, 1-18G

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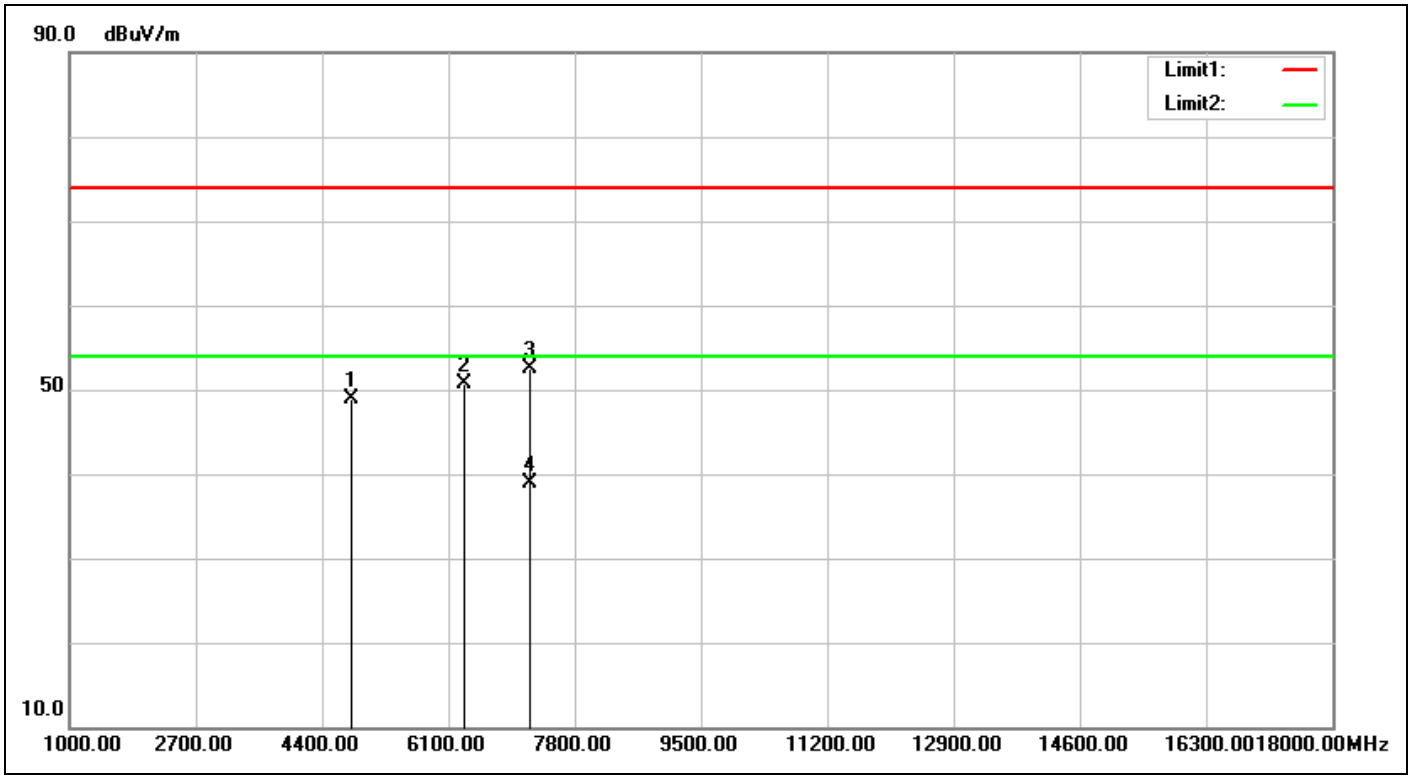

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:21:37**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-2.66	51.65	48.99	74.00	-25.01	peak	100	304	
2	6321.000	4.95	45.69	50.64	74.00	-23.36	peak	100	179	
3	7206.000	5.58	46.92	52.50	74.00	-21.50	peak	100	279	
4	7206.000	5.58	33.28	38.86	54.00	-15.14	AVG	100	279	

Spurious Emissions, TX Mode, 1-18G

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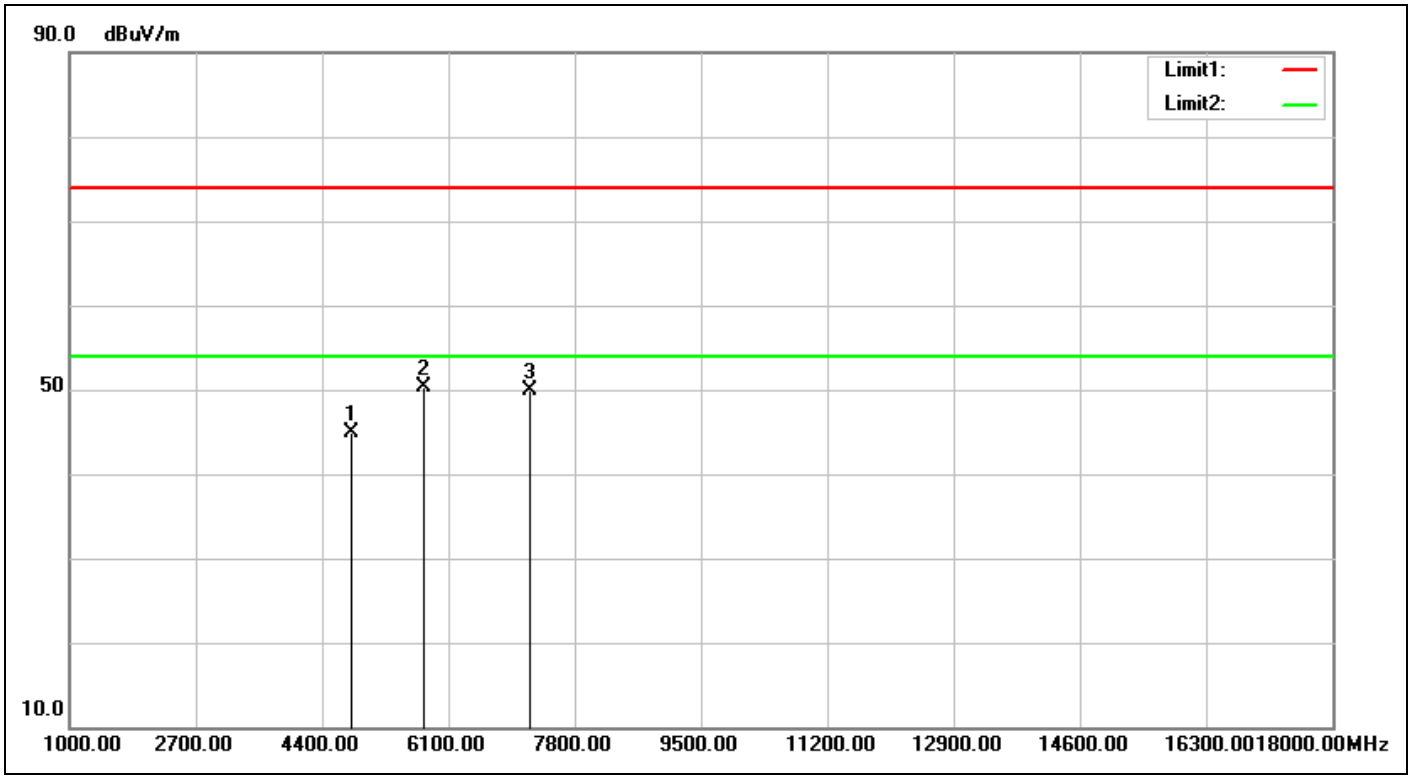

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:22:39**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-2.66	47.53	44.87	74.00	-29.13	peak			
2	5777.000	2.36	47.99	50.35	74.00	-23.65	peak	100	200	
3	7206.000	5.58	44.32	49.90	74.00	-24.10	peak			

Spurious Emissions, TX Mode, 1-18G

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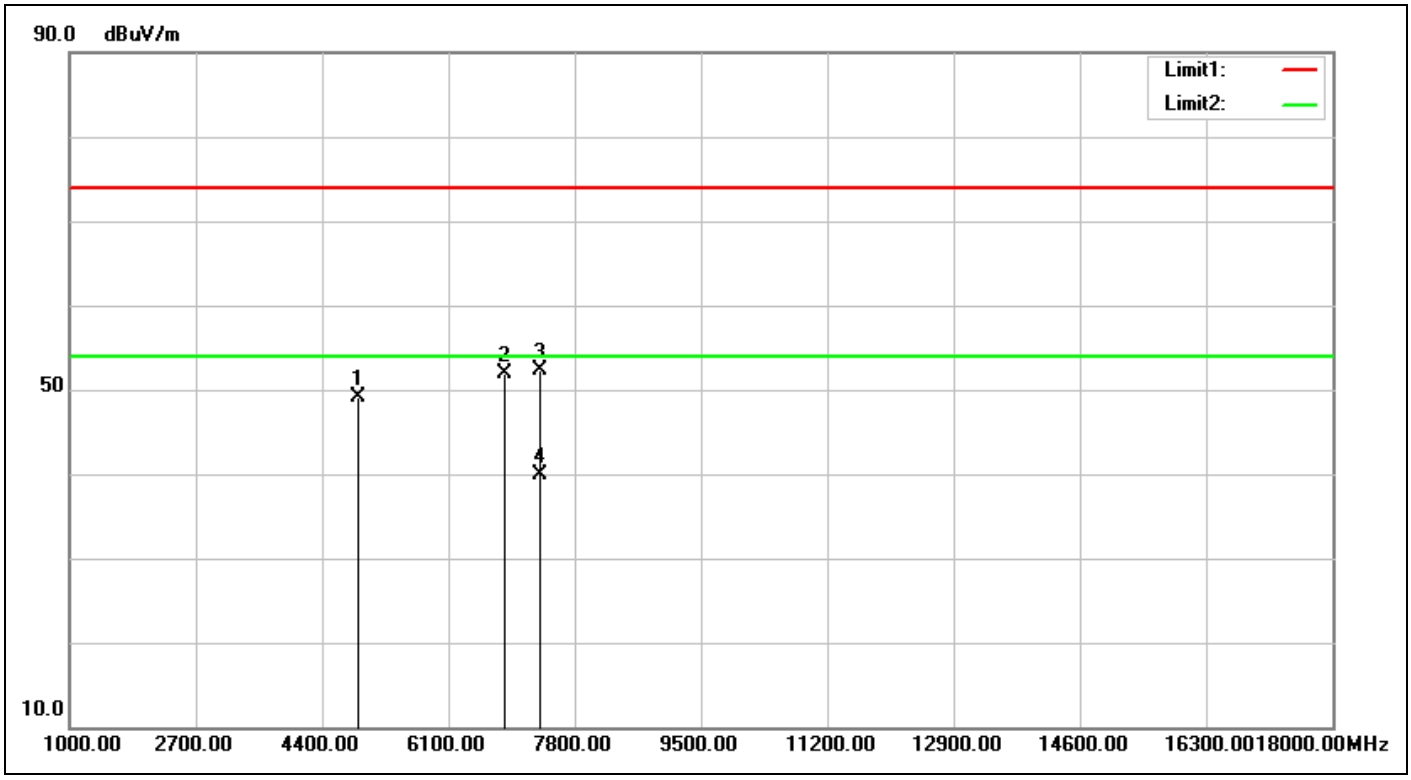

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:25:37**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4876.000	-2.48	51.65	49.17	74.00	-24.83	peak	100	0	
2	6865.000	5.12	46.71	51.83	74.00	-22.17	peak	100	33	
3	7323.000	5.93	46.36	52.29	74.00	-21.71	peak	100	249	
4	7323.000	5.93	33.88	39.81	54.00	-14.19	AVG	100	249	

Spurious Emissions, TX Mode, 1-18G

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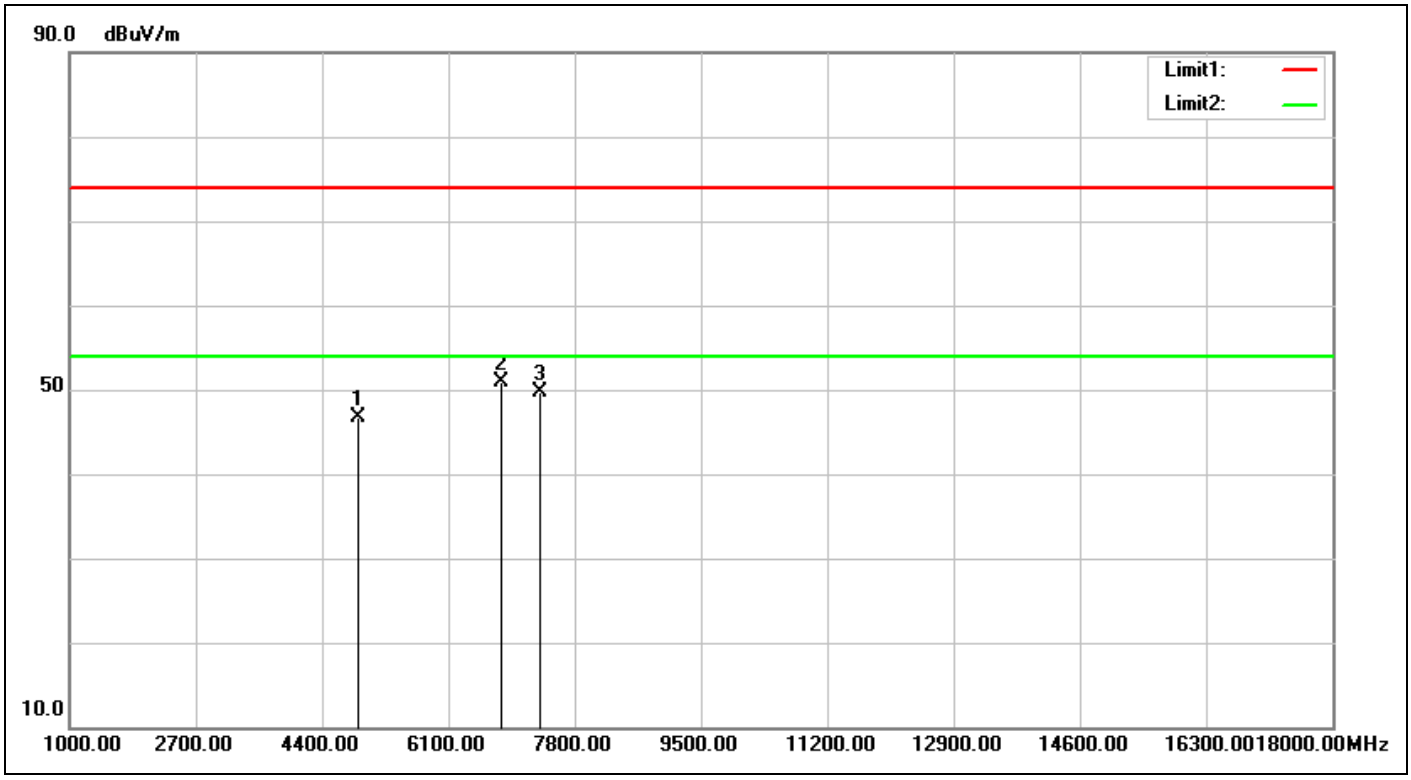

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:26:40**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4882.000	-2.48	49.18	46.70	74.00	-27.30	peak			
2	6814.000	5.19	45.64	50.83	74.00	-23.17	peak	100	319	
3	7323.000	5.93	43.85	49.78	74.00	-24.22	peak			

Spurious Emissions, TX Mode, 1-18G

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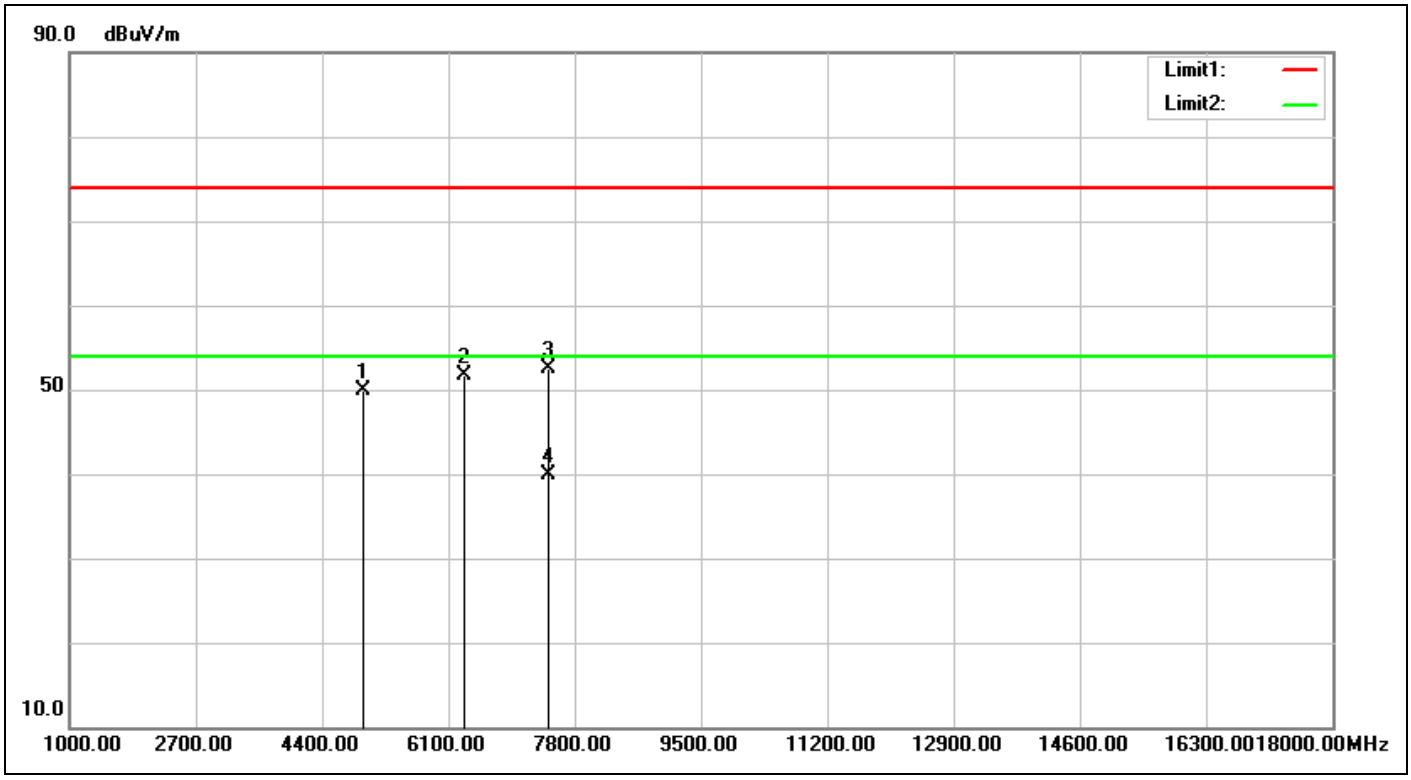

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:28:39**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	4960.000	-2.31	52.14	49.83	74.00	-24.17	peak	100	282	
2	6304.000	4.90	46.81	51.71	74.00	-22.29	peak	100	299	
3	7440.000	6.28	46.32	52.60	74.00	-21.40	peak	100	138	
4	7440.000	6.28	33.69	39.97	54.00	-14.03	AVG	100	138	

Spurious Emissions, TX Mode, 1-18G

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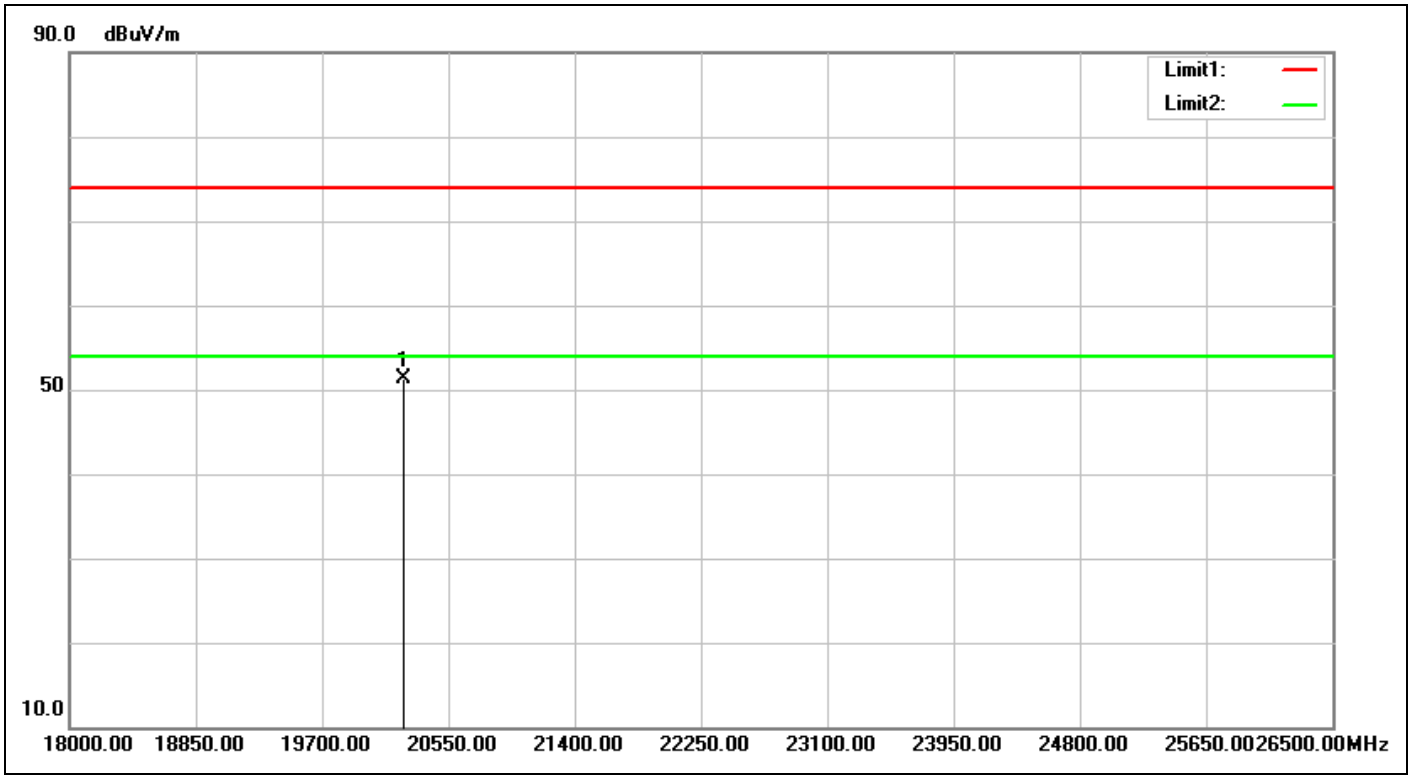

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:30:03**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	20244.000	31.60	19.67	51.27	74.00	-22.73	peak		0	

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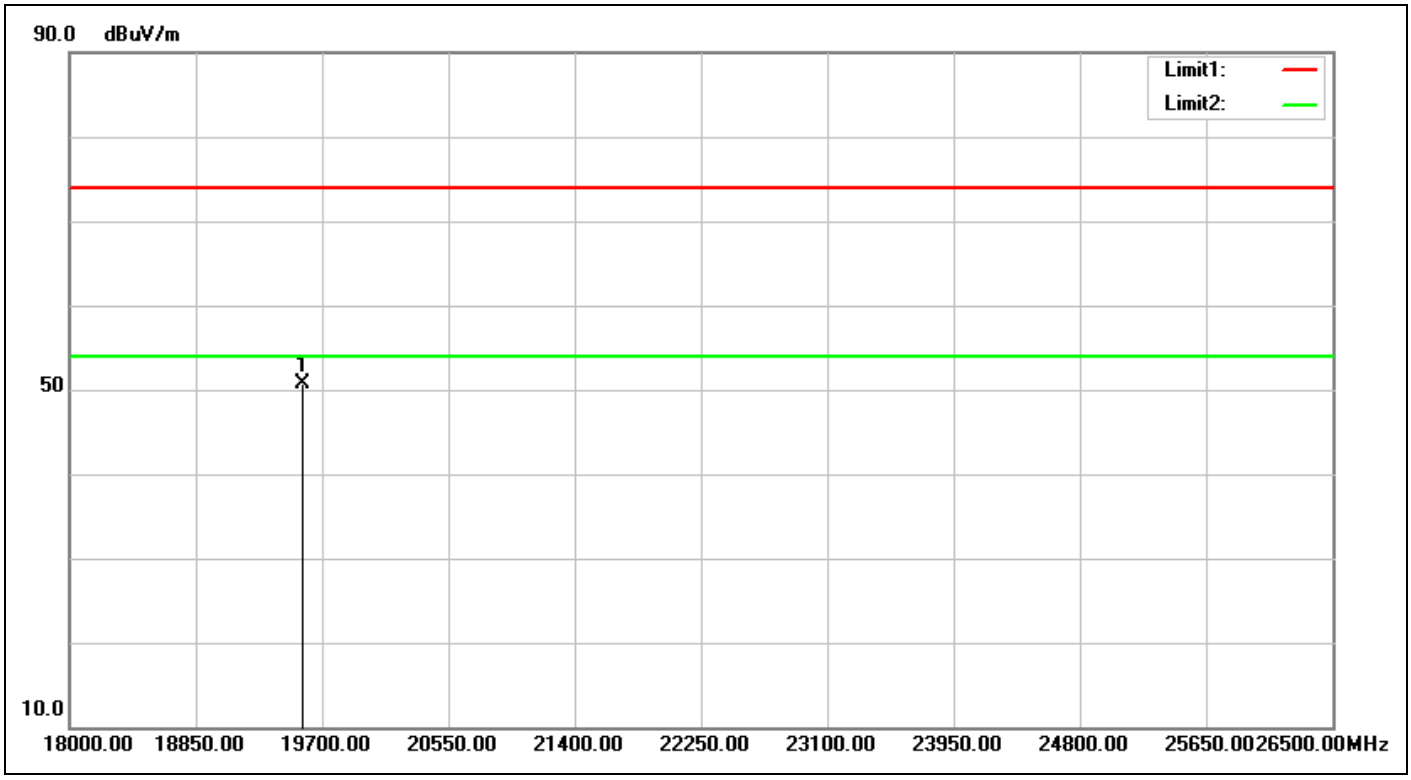

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:30:12**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	19572.500	31.26	19.41	50.67	74.00	-23.33	peak			

Spurious Emissions, TX Mode, 18-26G

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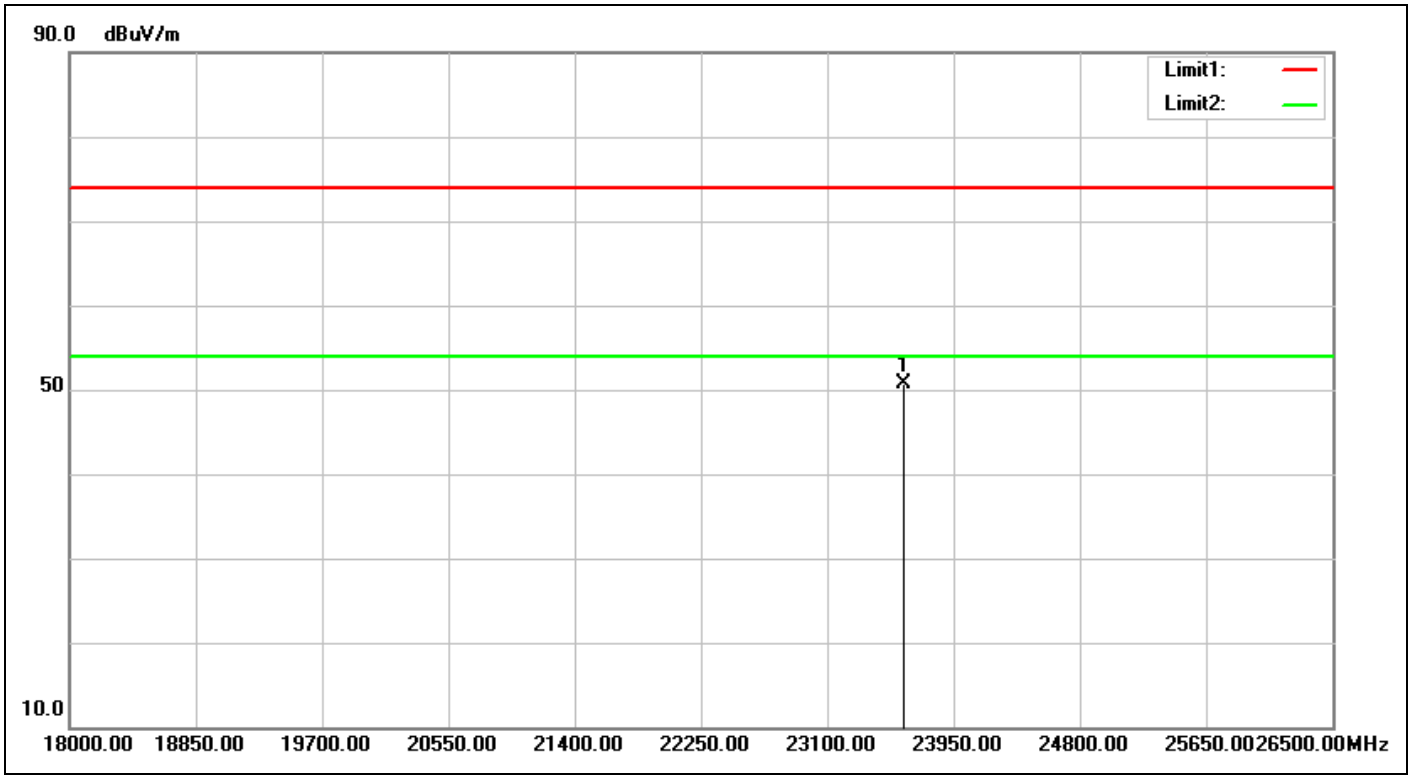

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:30:27**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	23618.500	32.60	18.06	50.66	74.00	-23.34	peak			

Spurious Emissions, TX Mode, 18-26G

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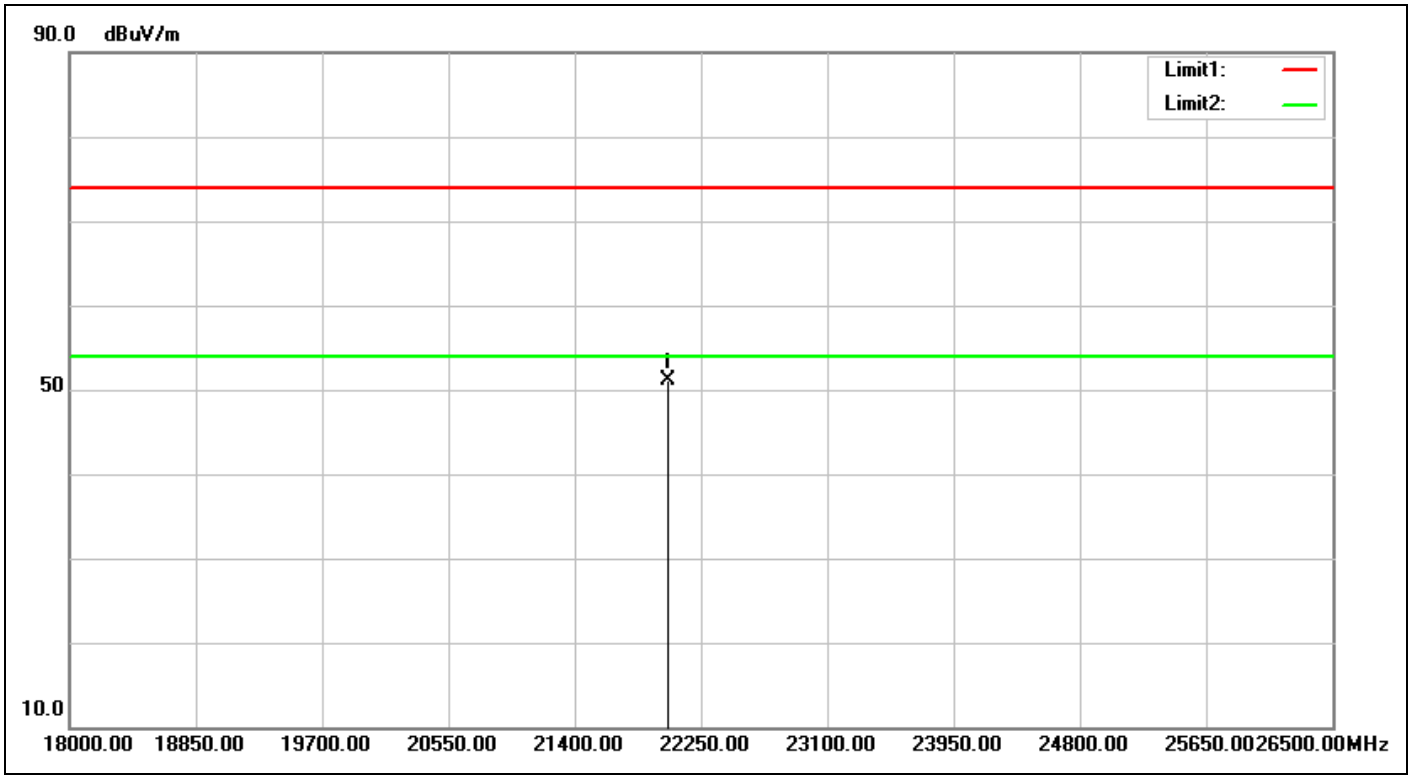

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:30:36**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	33.09	17.95	51.04	74.00	-22.96	peak			

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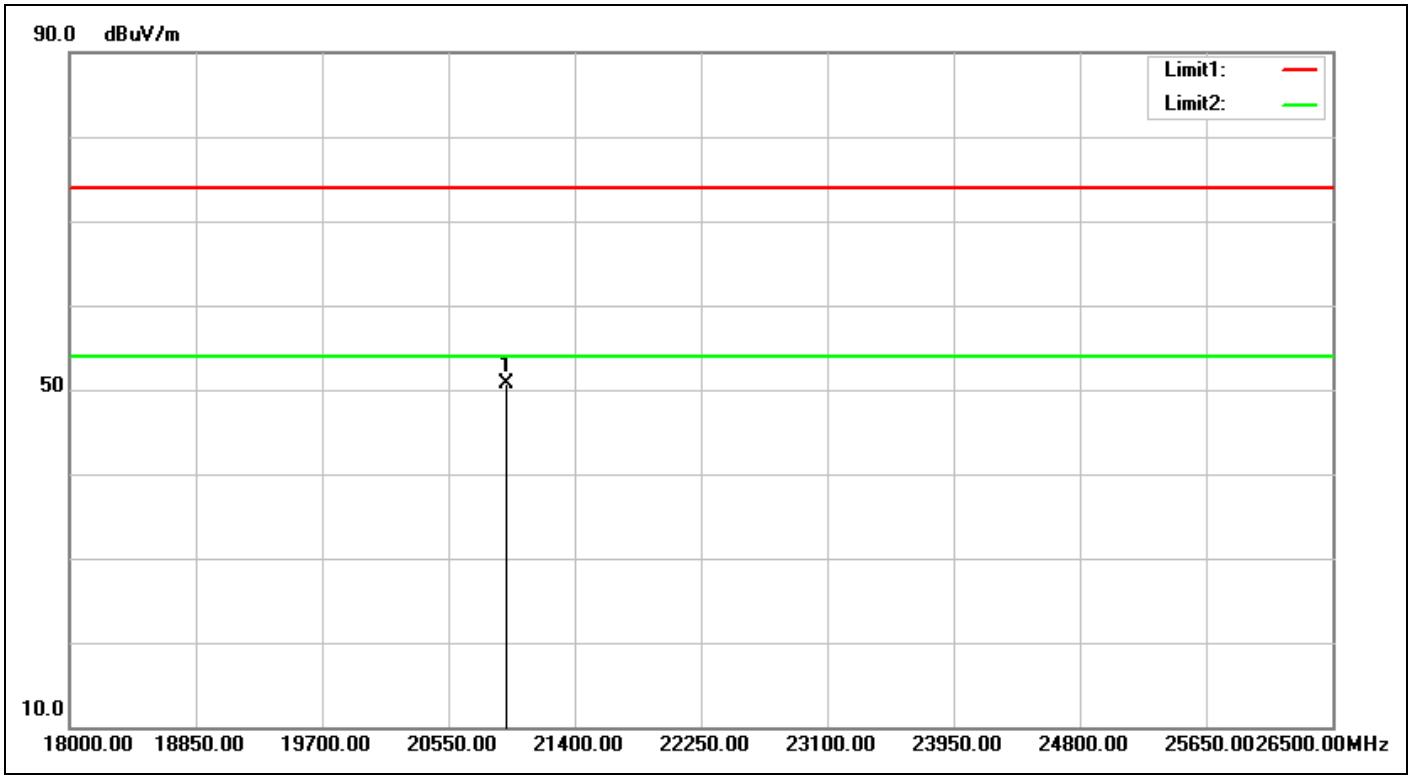

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:30:53**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	20941.000	31.91	18.71	50.62	74.00	-23.38	peak			

Spurious Emissions, TX Mode, 18-26G

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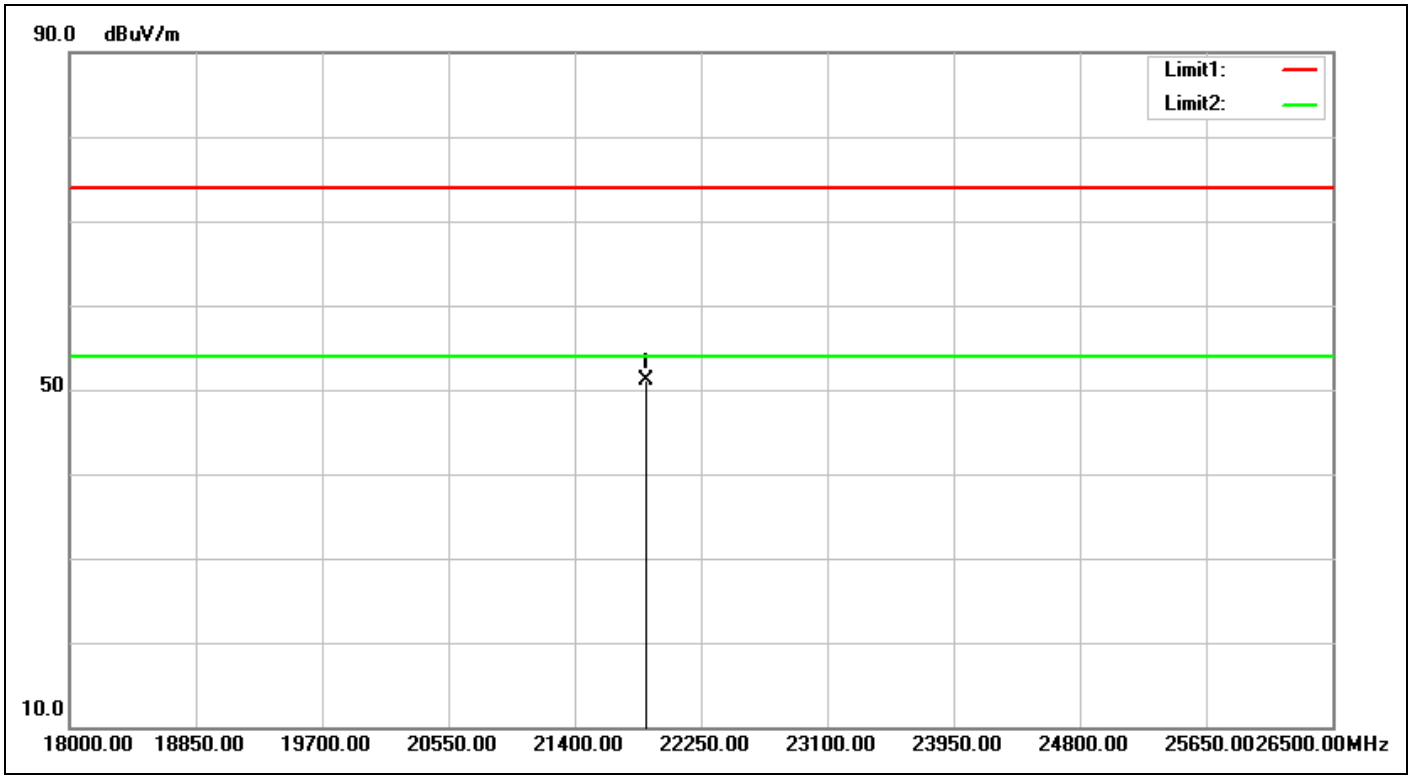

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:31:01**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	21884.500	32.99	18.05	51.04	74.00	-22.96	peak			

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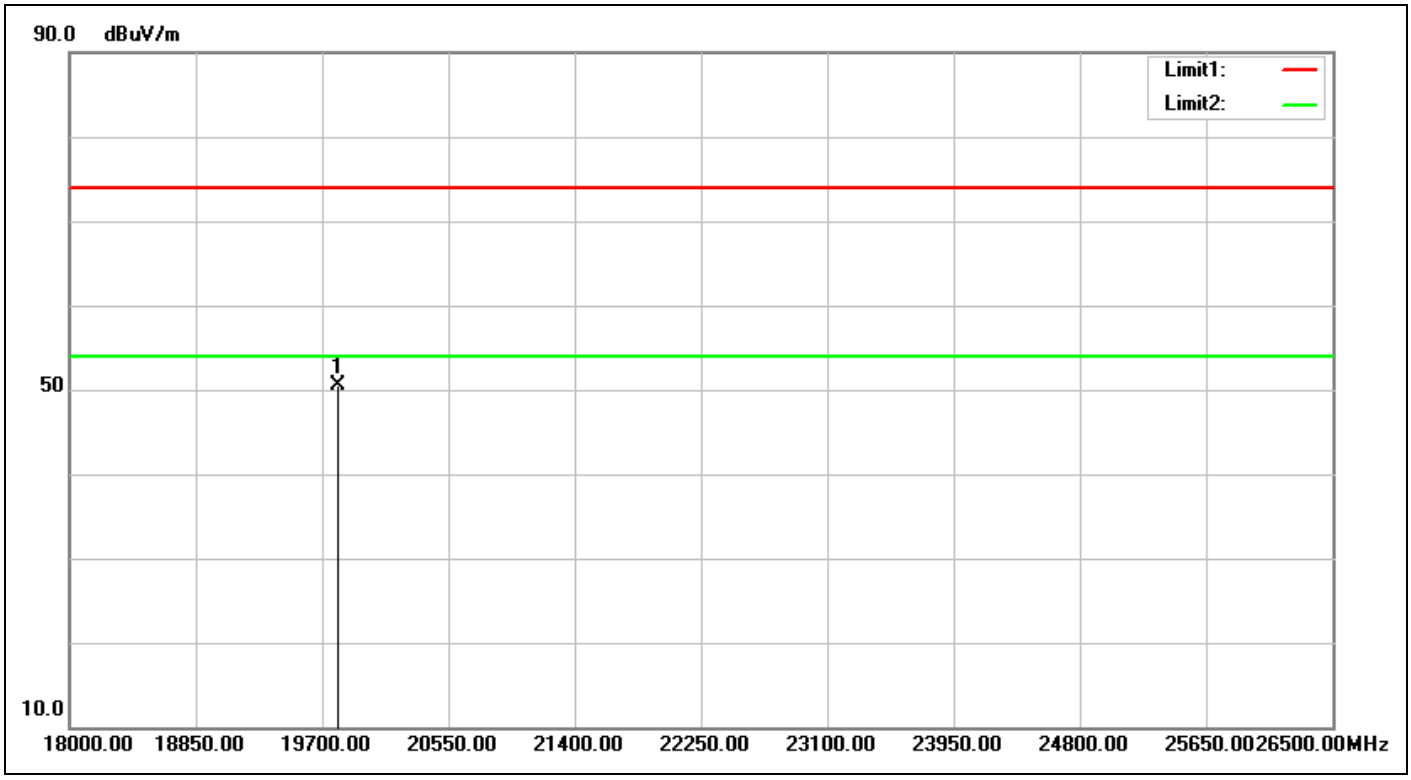

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:31:15**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	19802.000	31.37	19.09	50.46	74.00	-23.54	peak			

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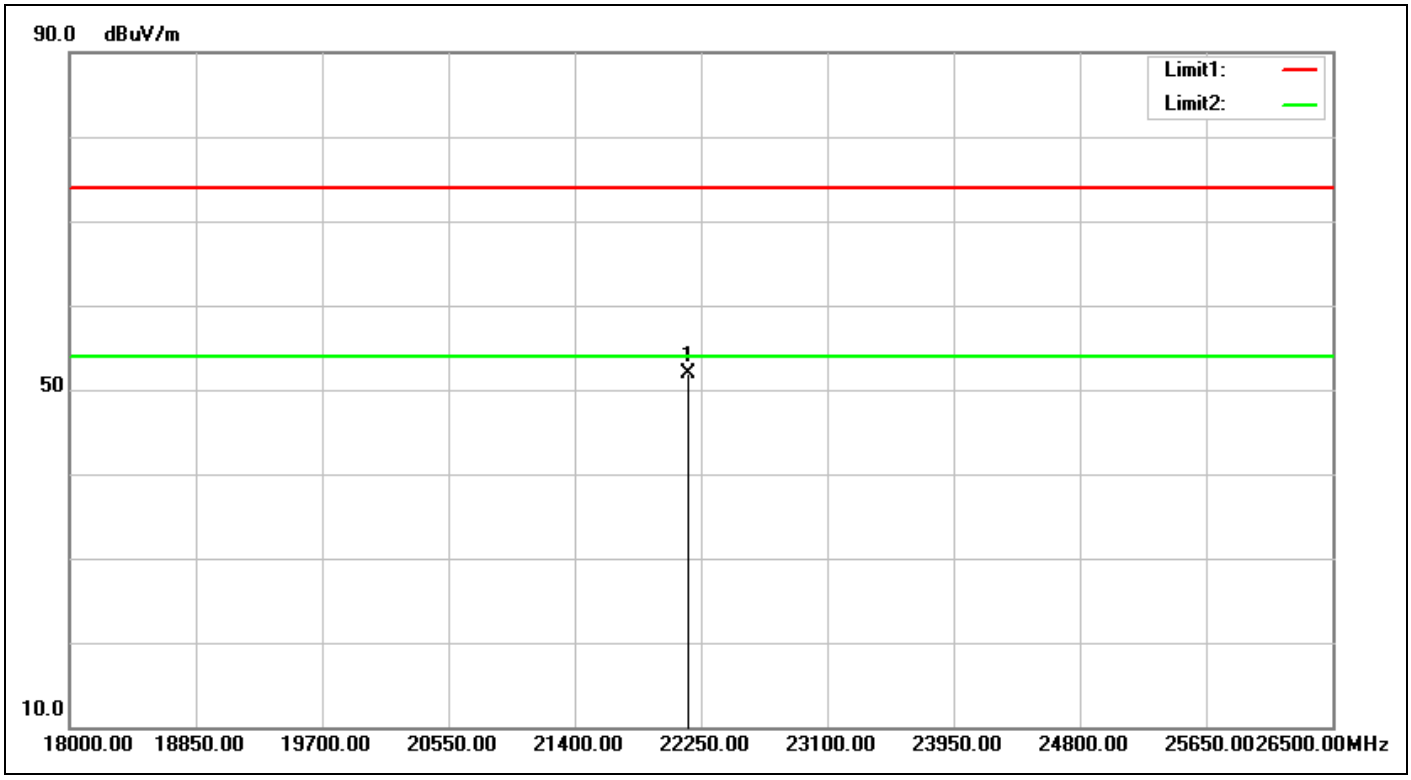

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:31:24**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	22165.000	33.04	18.83	51.87	74.00	-22.13	peak			

Spurious Emissions, TX Mode, 18-26G

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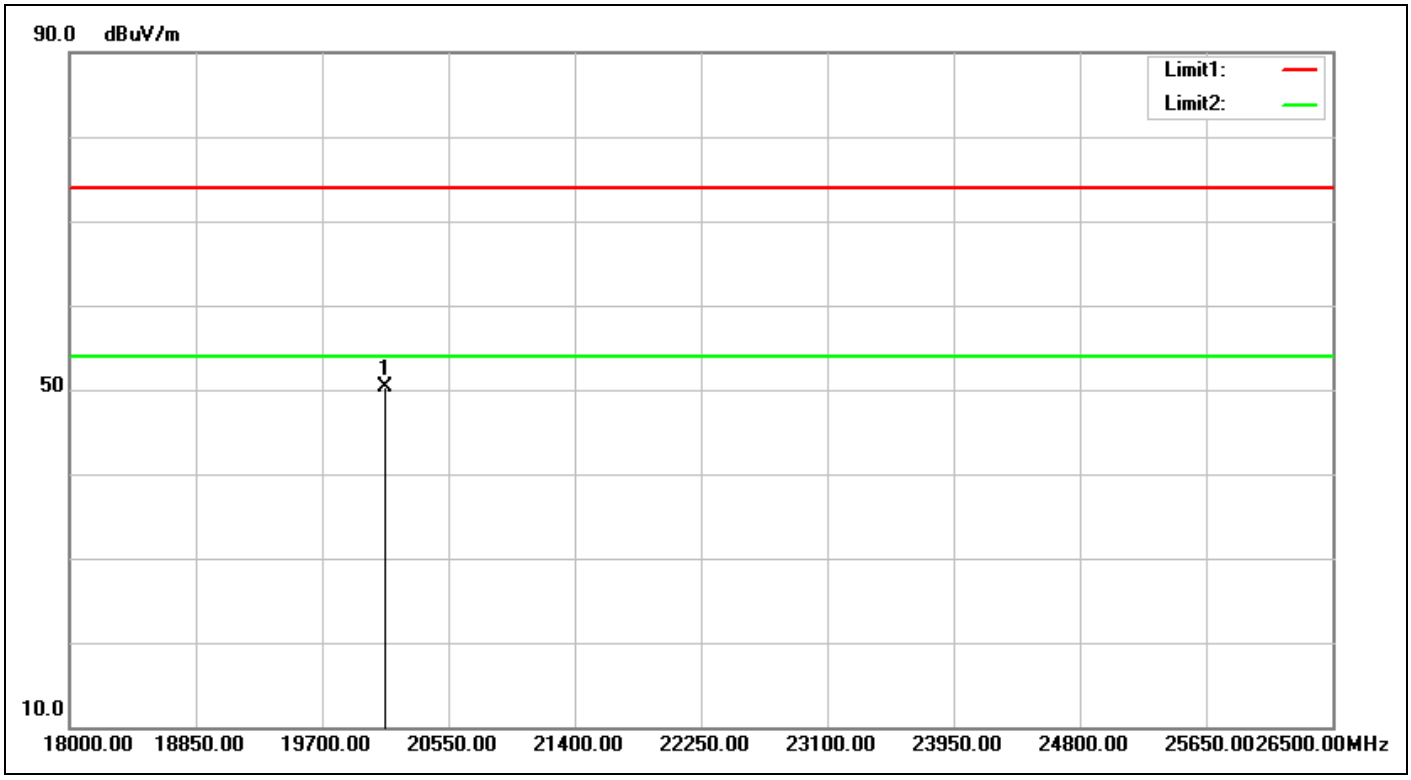

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:31:38**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	20125.000	31.55	18.66	50.21	74.00	-23.79	peak			

Spurious Emissions, TX Mode, 18-26G

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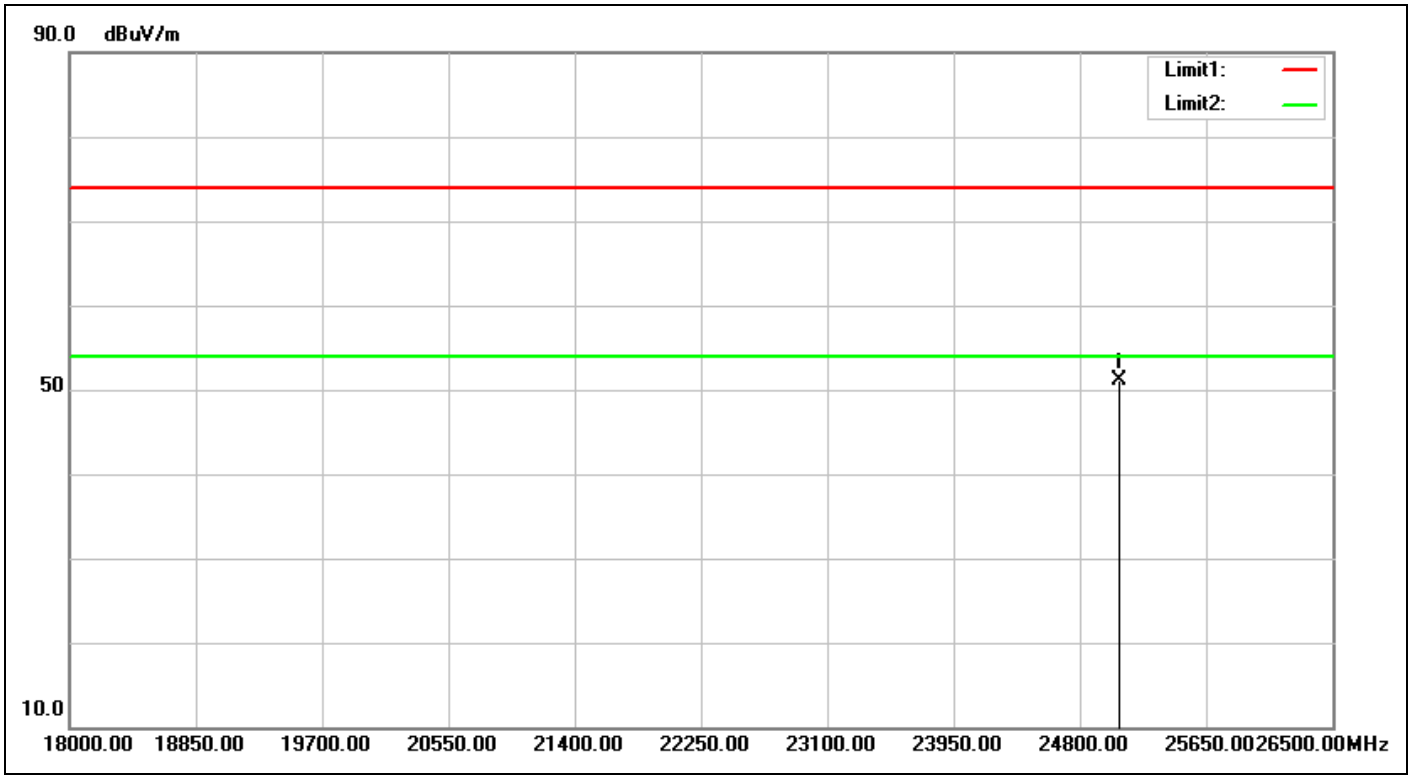

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:31:47**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	25063.500	34.17	16.93	51.10	74.00	-22.90	peak			

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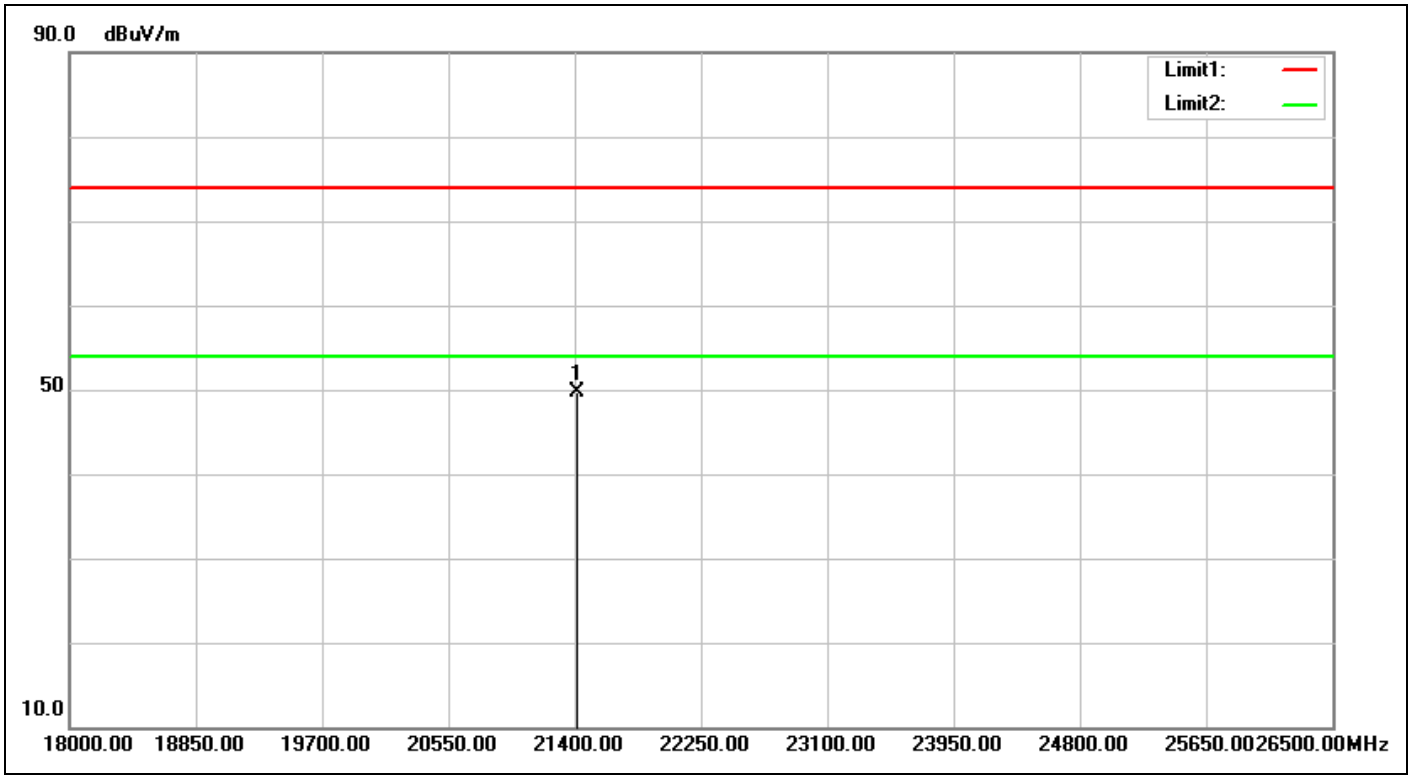

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:32:01**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	21417.000	32.53	17.24	49.77	74.00	-24.23	peak			

Spurious Emissions, TX Mode, 18-26G

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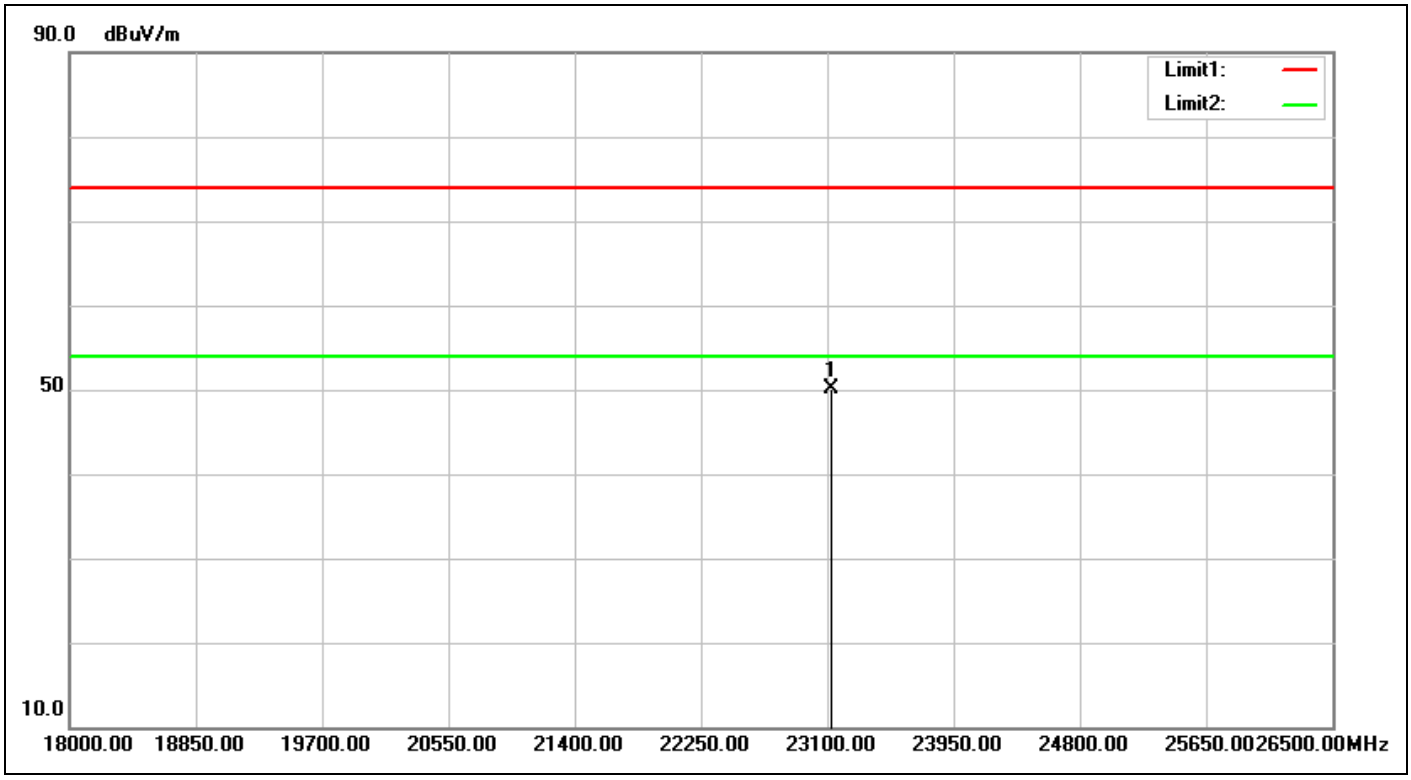

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:32:10**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	23125.500	32.60	17.44	50.04	74.00	-23.96	peak			

Spurious Emissions, TX Mode, 18-26G

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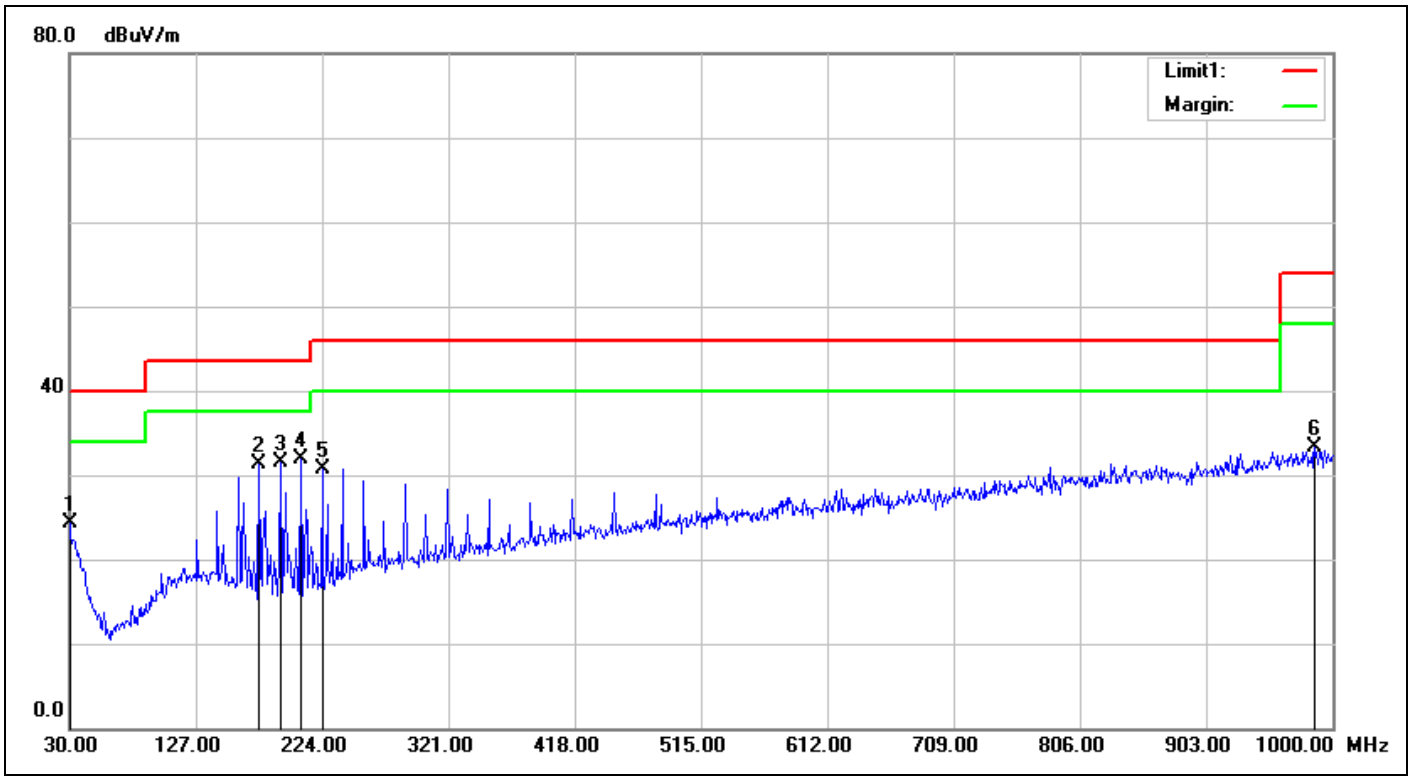

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:58:45**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-0.07	24.39	24.32	40.00	-15.68	QP	100	335	
2	175.5000	-9.35	40.73	31.38	43.50	-12.12	QP	100	23	
3	191.9900	-9.43	40.97	31.54	43.50	-11.96	QP	100	95	
4	207.5100	-8.63	40.56	31.93	43.50	-11.57	QP	100	50	
5	224.0000	-8.00	38.76	30.76	46.00	-15.24	QP	100	89	
6	986.4200	5.72	27.57	33.29	54.00	-20.71	QP	100	139	

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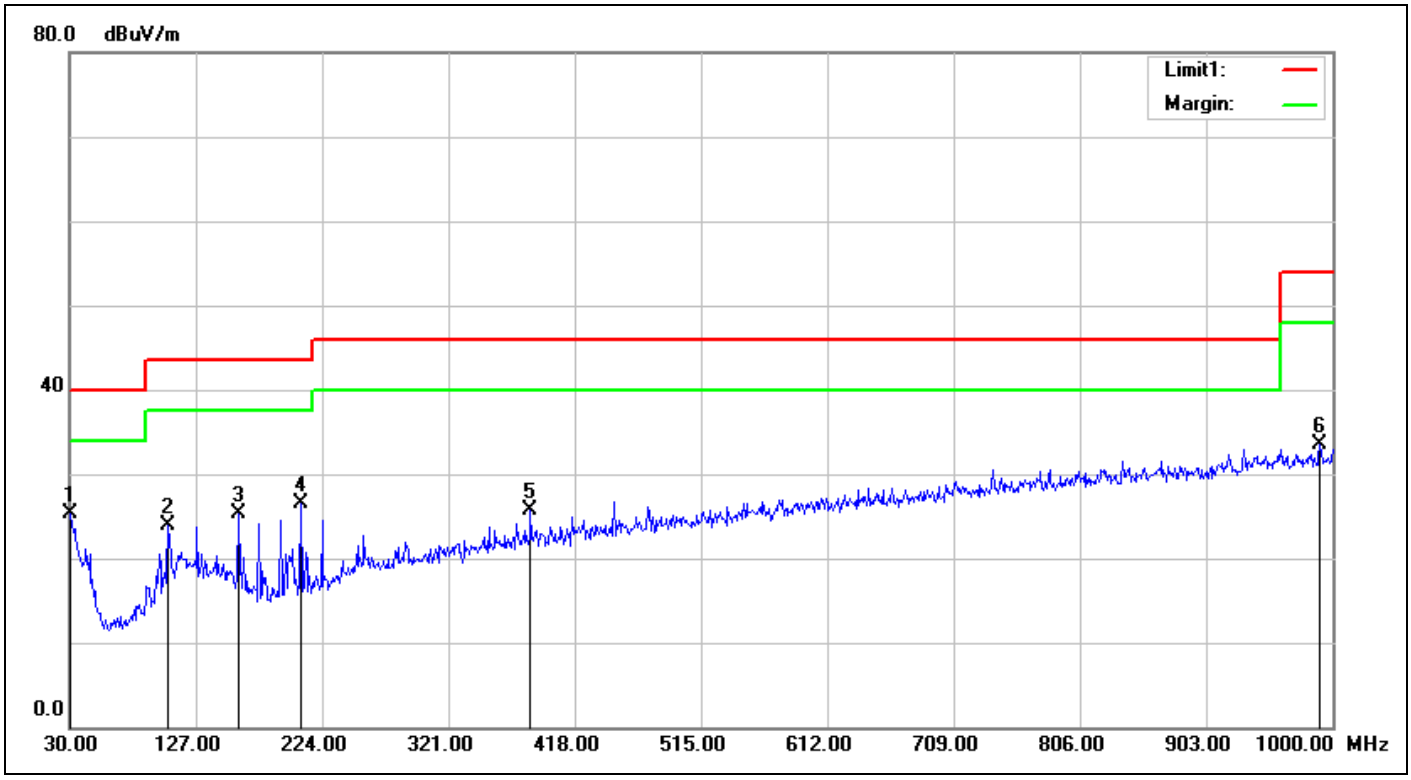

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:59:49**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	30.9700	-0.62	25.89	25.27	40.00	-14.73	QP	100	182	
2	105.6600	-8.75	32.59	23.84	43.50	-19.66	QP	100	63	
3	159.9800	-7.96	33.30	25.34	43.50	-18.16	QP	100	268	
4	207.5100	-8.63	35.05	26.42	43.50	-17.08	QP	100	307	
5	384.0500	-2.90	28.70	25.80	46.00	-20.20	QP	100	202	
6	990.3000	5.74	27.67	33.41	54.00	-20.59	QP	100	279	

Spurious Emissions, TX Mode, 30M-1G

Spurious Emissions, TX Mode, 9K-30M

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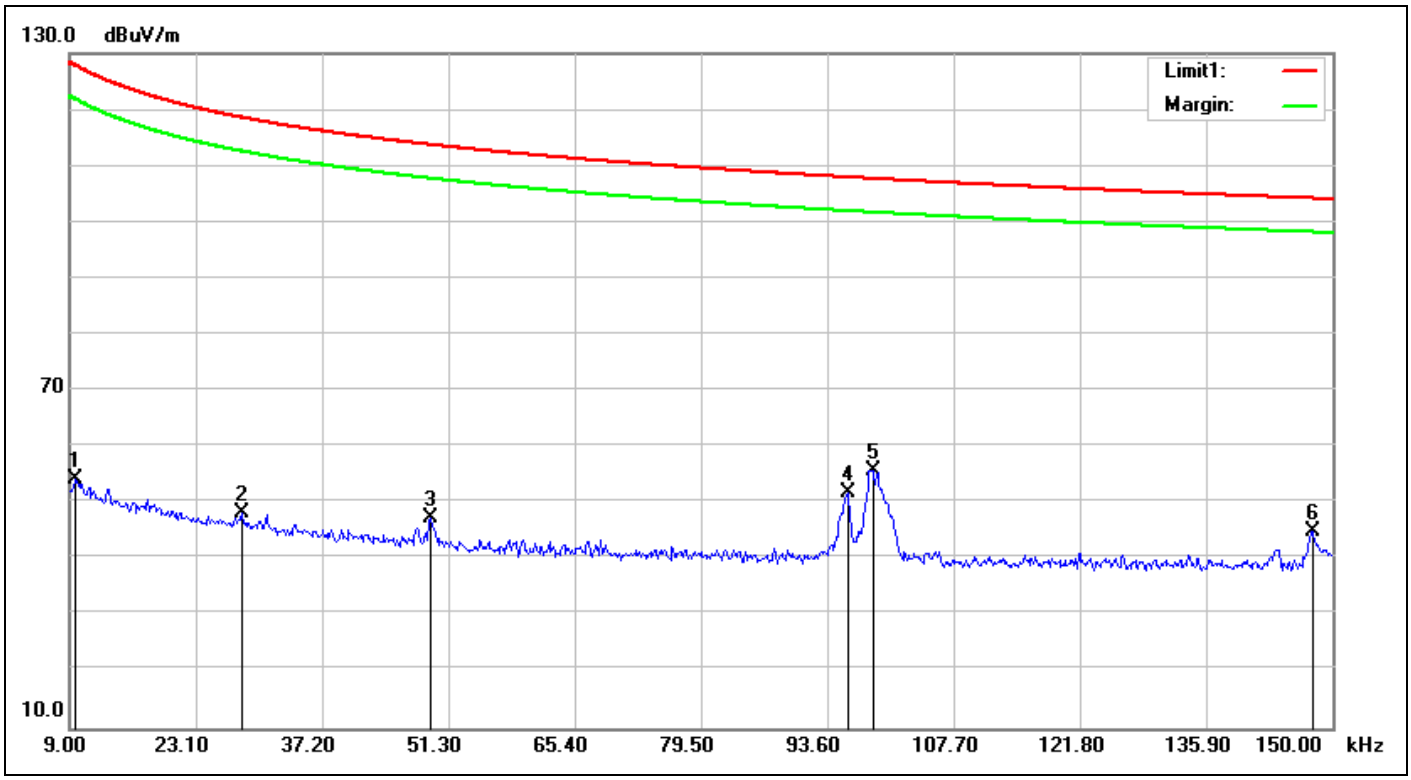

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:42:13**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	0.0095	19.93	34.27	54.20	128.03	-73.83	QP	100	3	
2	0.0281	20.24	28.00	48.24	118.62	-70.38	QP	100	69	
3	0.0493	19.26	28.11	47.37	113.74	-66.37	QP	100	223	
4	0.0958	18.87	32.93	51.80	107.97	-56.17	QP	100	0	
5	0.0986	18.85	37.05	55.90	107.72	-51.82	QP	100	115	
6	0.1477	18.80	26.19	44.99	104.21	-59.22	QP	100	136	

Spurious Emissions, TX Mode, 30M-1G

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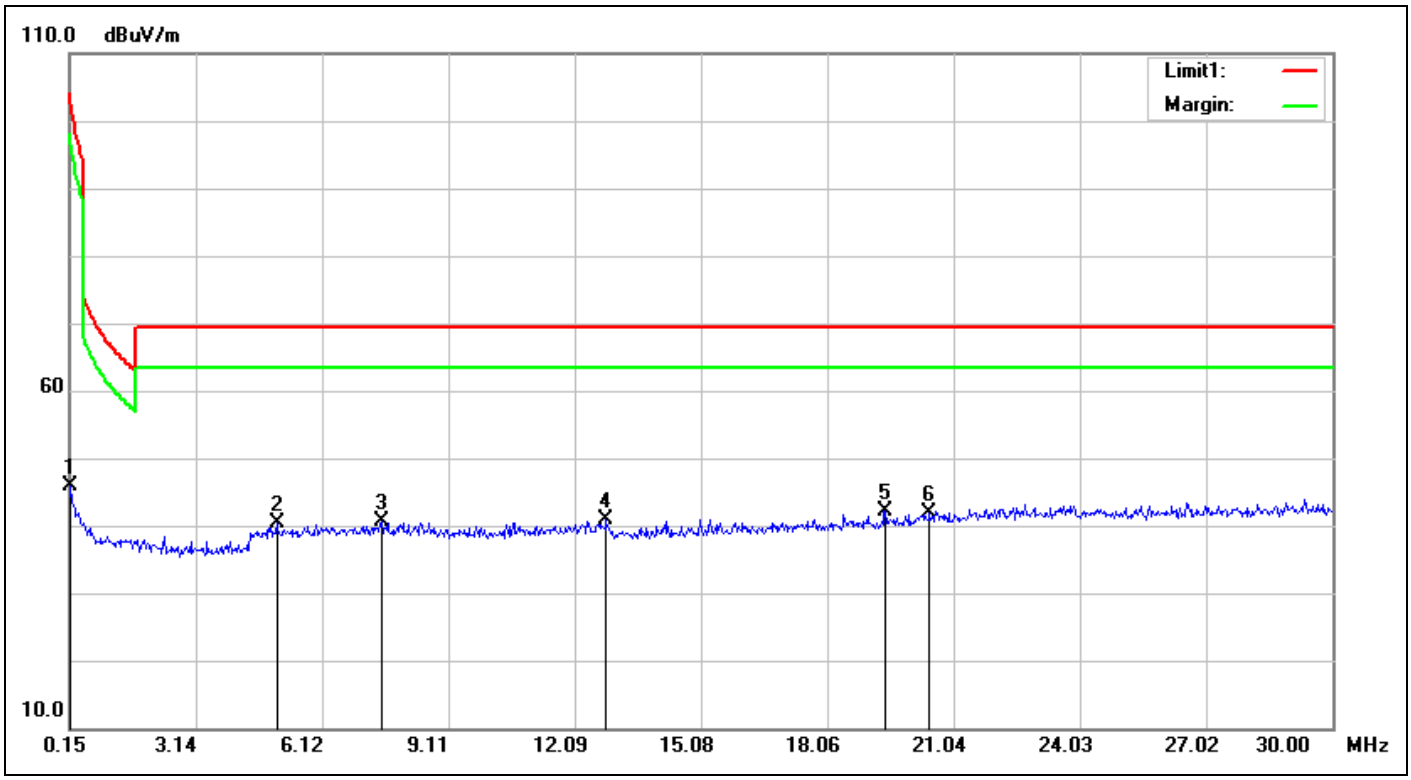

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:45:24**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	18.77	27.15	45.92	102.50	-56.58	QP	100	20	
2	5.0454	19.61	20.66	40.27	69.50	-29.23	QP	100	37	
3	7.5229	19.99	20.53	40.52	69.50	-28.98	QP	100	153	
4	12.8362	20.72	20.14	40.86	69.50	-28.64	QP	100	286	
5	19.4331	21.49	20.74	42.23	69.50	-27.27	QP	100	31	
6	20.4778	21.59	20.25	41.84	69.50	-27.66	QP	100	352	

Spurious Emissions, TX Mode, 30M-1G

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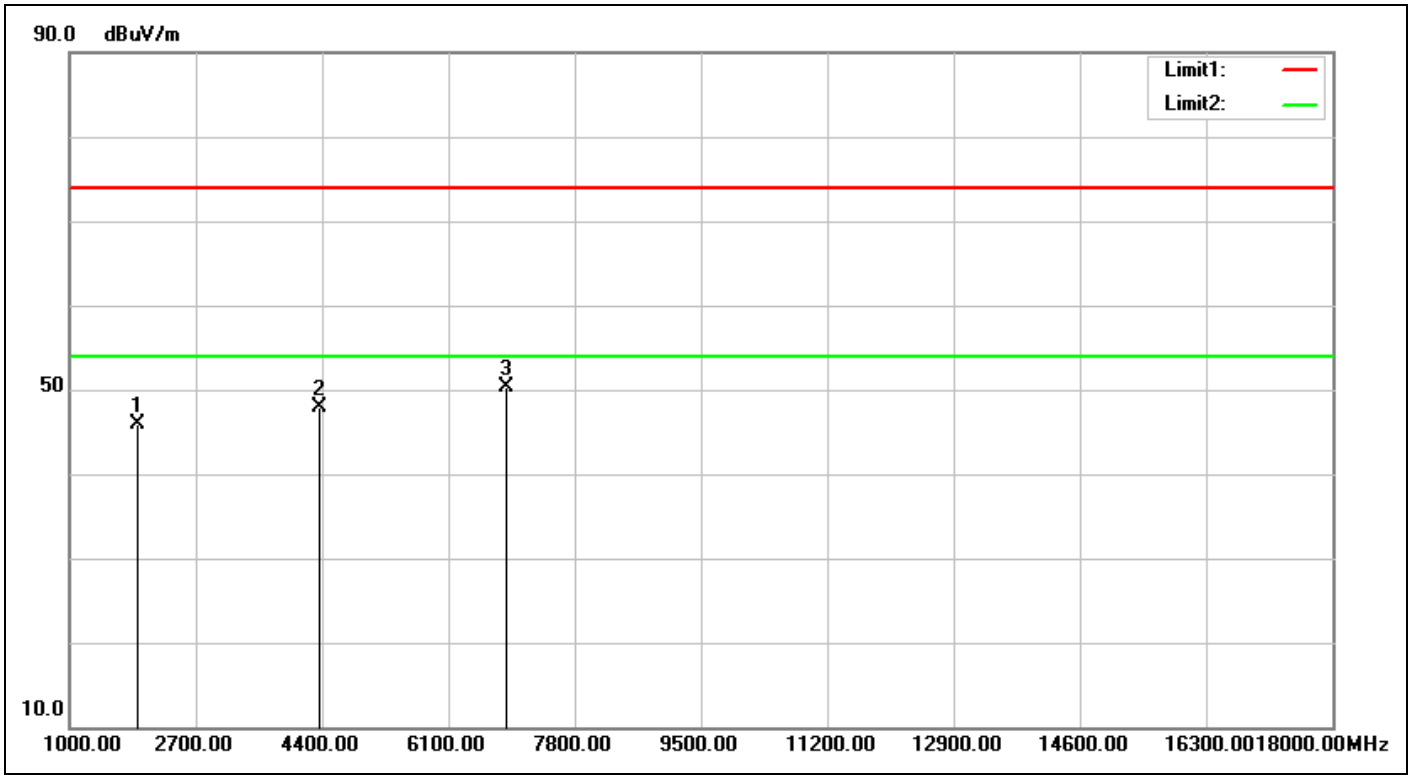

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:41:59**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-8.63	54.61	45.98	74.00	-28.02	peak	100	83	
2	4366.000	-4.29	52.14	47.85	74.00	-26.15	peak	100	68	
3	6882.000	4.07	46.14	50.21	74.00	-23.79	peak	100	224	

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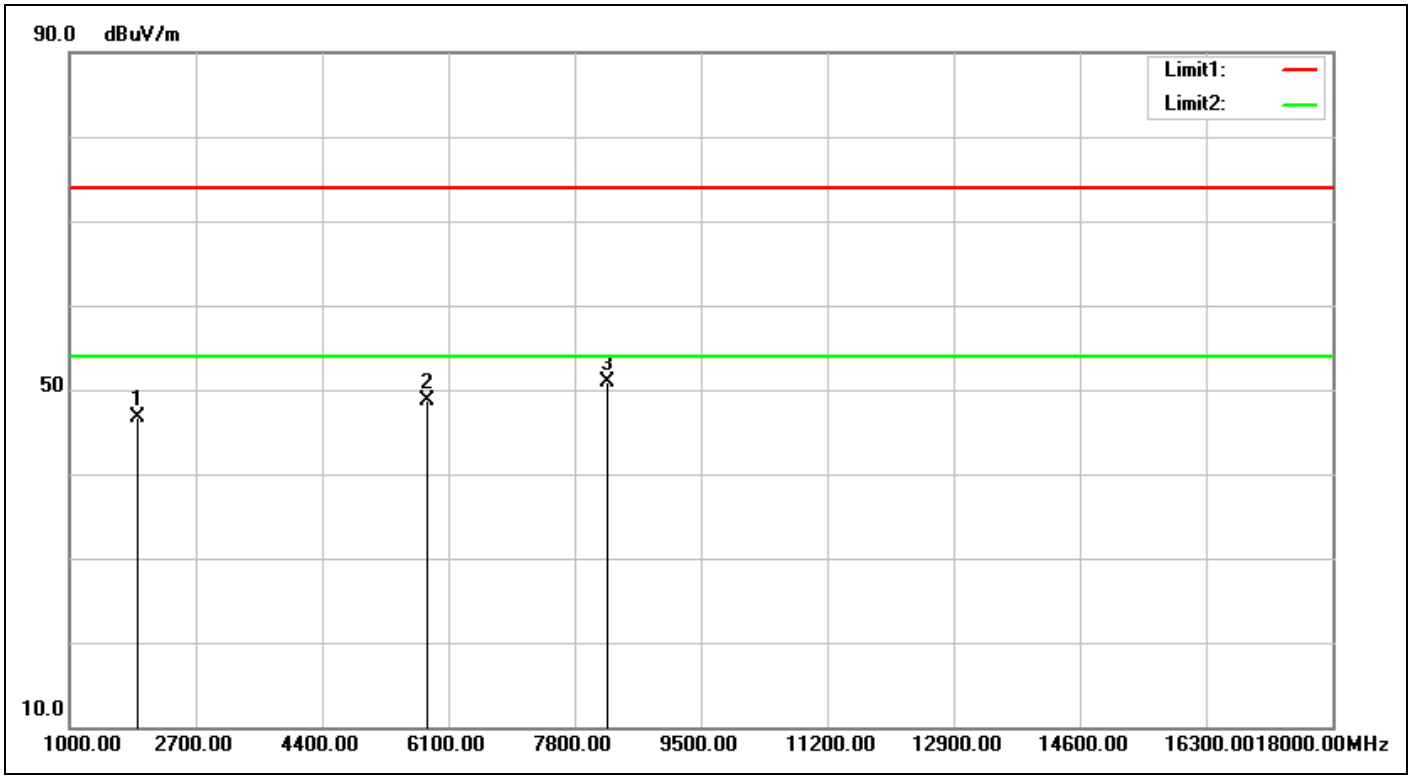

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 10:43:02**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-8.63	55.42	46.79	74.00	-27.21	peak	100	228	
2	5811.000	1.56	47.21	48.77	74.00	-25.23	peak	100	242	
3	8242.000	5.48	45.38	50.86	74.00	-23.14	peak	100	270	

Spurious Emissions, RX Mode, 1-18G

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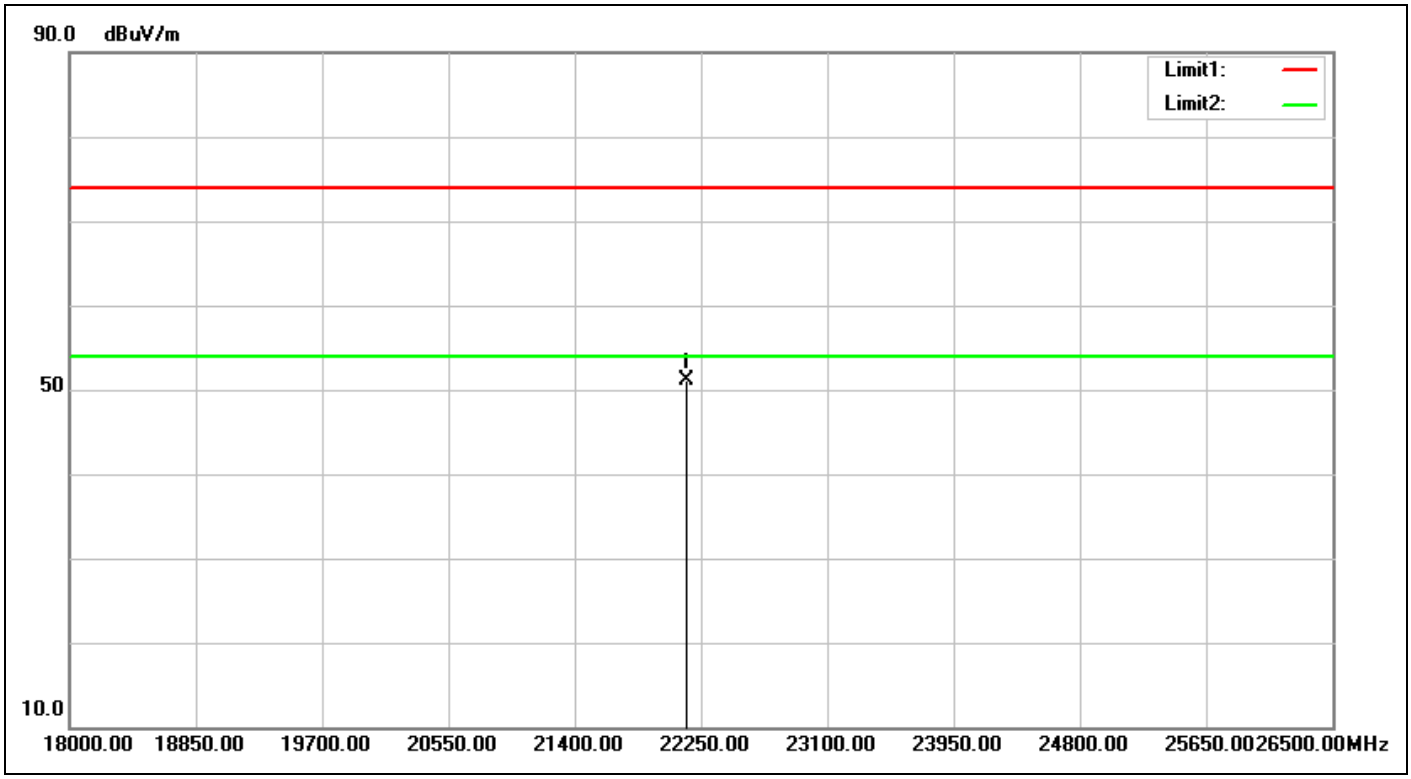

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:32:28**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	22148.000	33.04	18.12	51.16	74.00	-22.84	peak			

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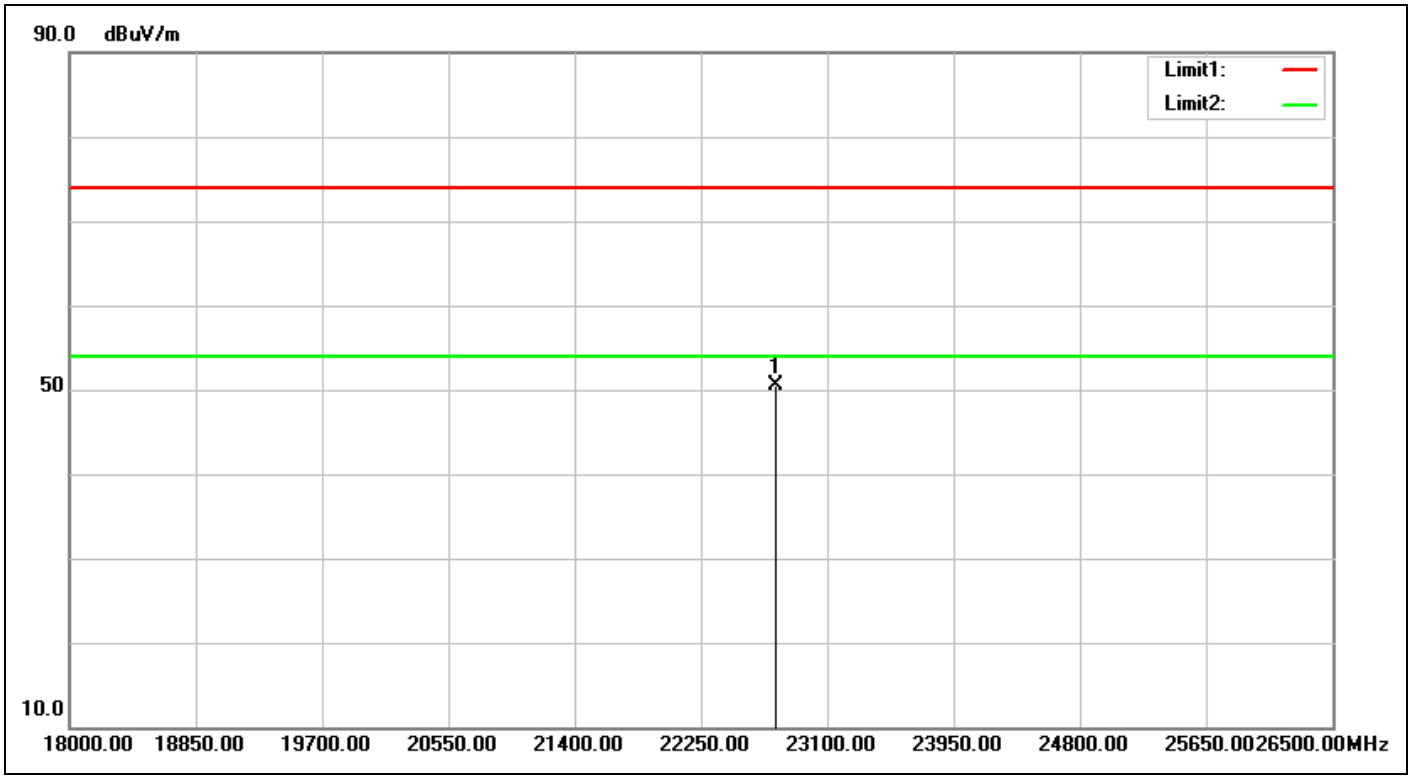

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**Above 1G PEAK**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:32:41**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	22751.500	32.69	17.73	50.42	74.00	-23.58	peak			

Spurious Emissions, RX Mode, 18-26G

Spurious Emissions, RX Mode, 30M-1G

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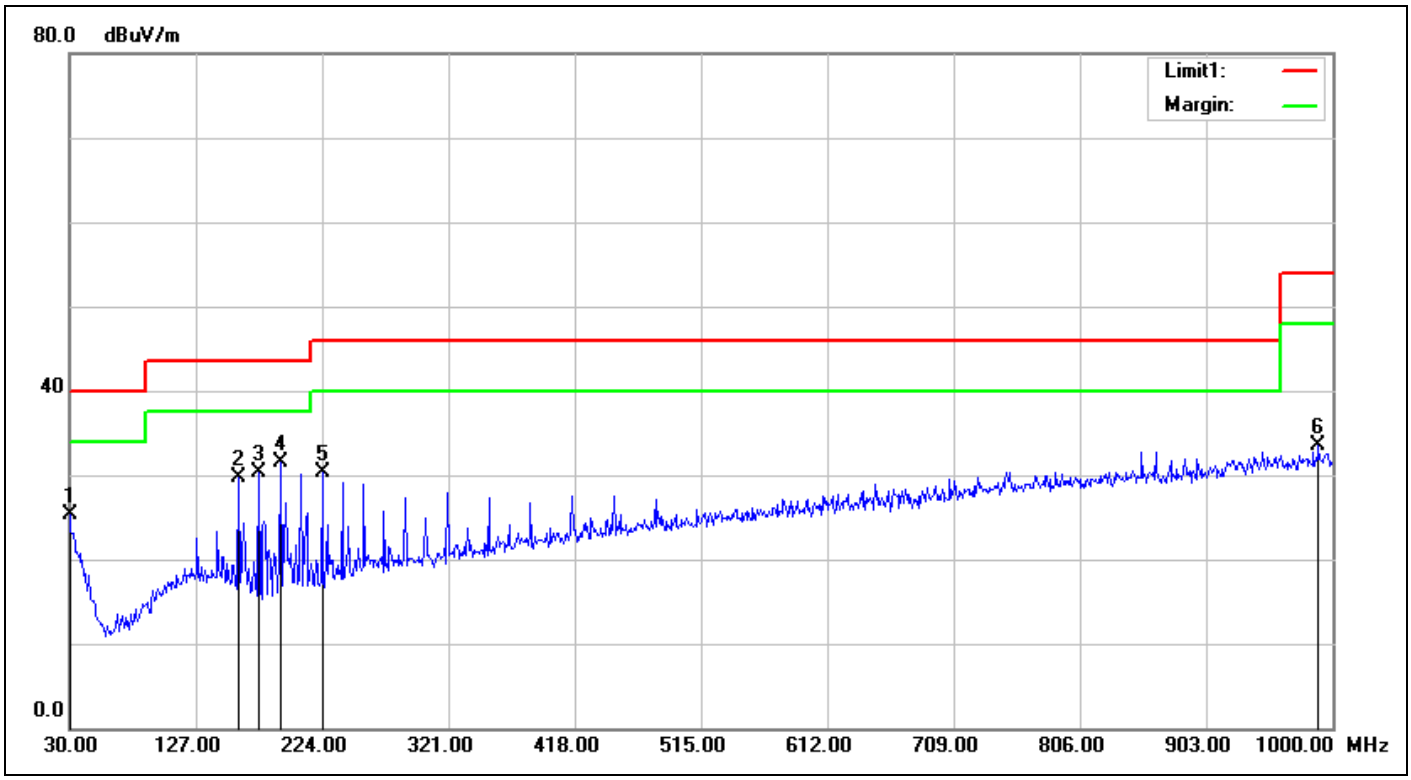

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Horizontal**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 12:11:01**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-0.07	25.29	25.22	40.00	-14.78	QP	100	37	
2	159.9800	-7.96	37.68	29.72	43.50	-13.78	QP	100	89	
3	175.5000	-9.35	39.56	30.21	43.50	-13.29	QP	100	106	
4	191.9900	-9.43	40.97	31.54	43.50	-11.96	QP	100	100	
5	224.0000	-8.00	38.21	30.21	46.00	-15.79	QP	100	59	
6	989.3300	5.74	27.79	33.53	54.00	-20.47	QP	100	249	

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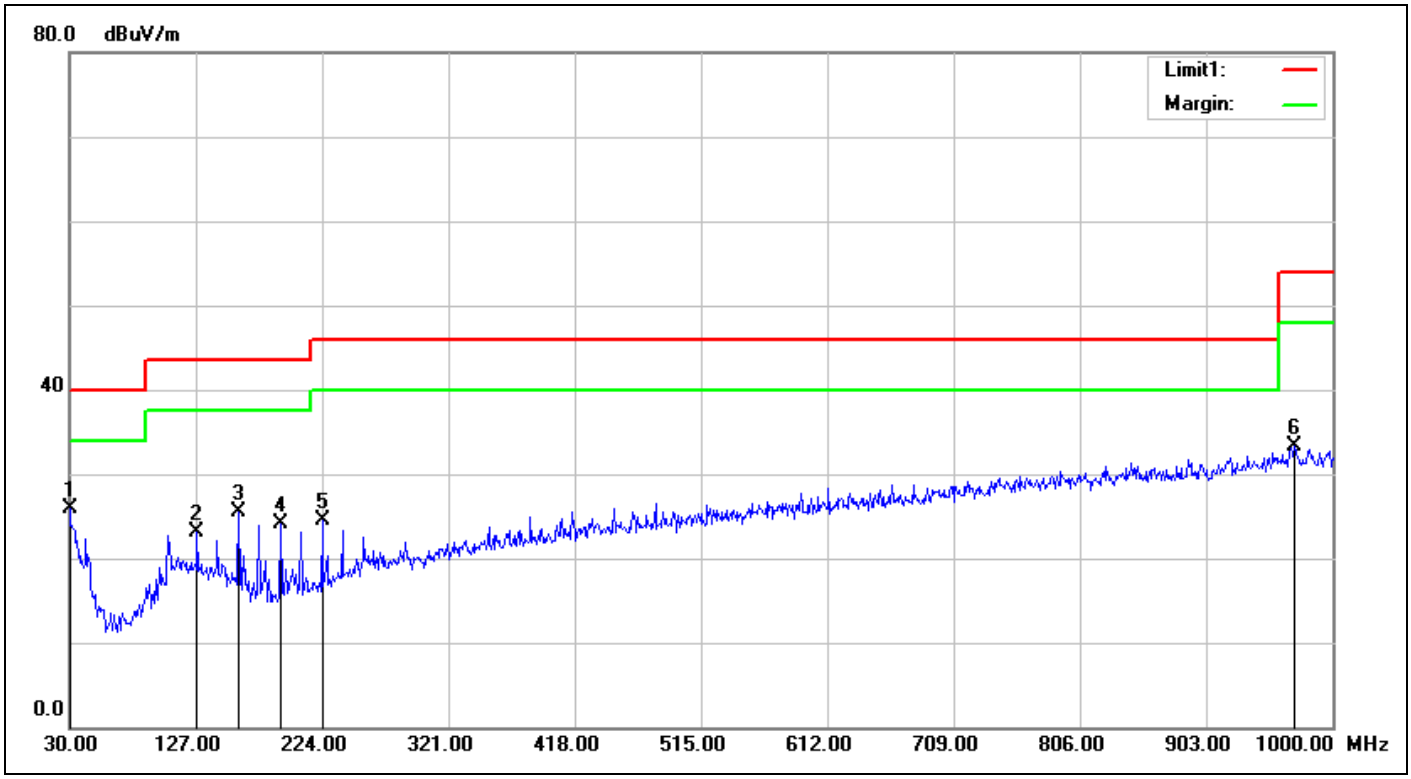

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC Class B 3M Radiation**	**Ant. Polarization:**	**Vertical**
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 12:12:05**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	-0.07	25.97	25.90	40.00	-14.10	QP	100	63	
2	127.9700	-7.04	30.05	23.01	43.50	-20.49	QP	100	263	
3	159.9800	-7.96	33.55	25.59	43.50	-17.91	QP	100	274	
4	191.9900	-9.43	33.56	24.13	43.50	-19.37	QP	100	290	
5	224.0000	-8.00	32.60	24.60	46.00	-21.40	QP	100	304	
6	970.9000	5.57	27.78	33.35	54.00	-20.65	QP	100	337	

Spurious Emissions, RX Mode, 9K-30M

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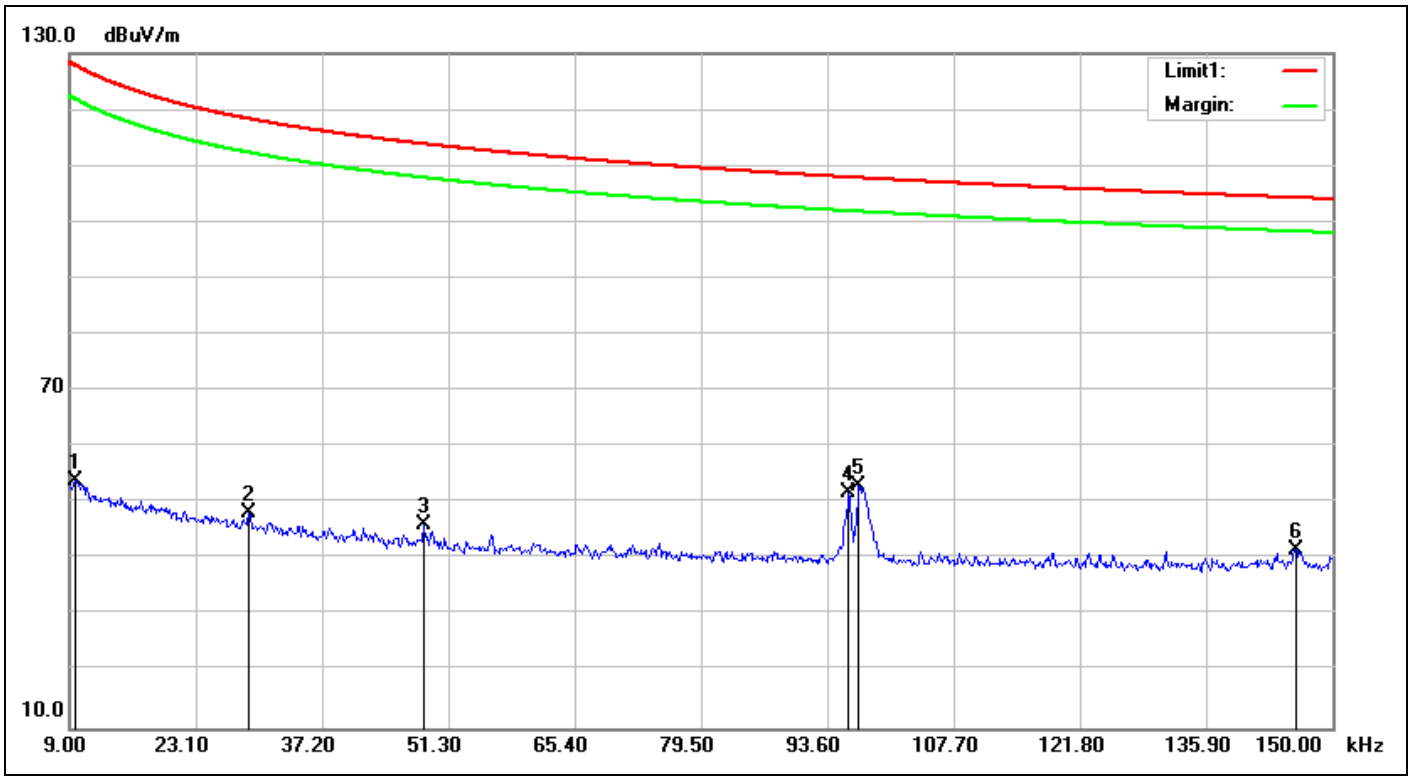

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:43:17**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	0.0097	20.09	33.76	53.85	127.85	-74.00	QP	100	59	
2	0.0290	20.23	28.06	48.29	118.34	-70.05	QP	100	202	
3	0.0485	19.30	26.72	46.02	113.88	-67.86	QP	100	205	
4	0.0960	18.87	33.07	51.94	107.95	-56.01	QP	100	48	
5	0.0971	18.86	34.29	53.15	107.85	-54.70	QP	100	357	
6	0.1459	18.80	22.92	41.72	104.32	-62.60	QP	100	64	

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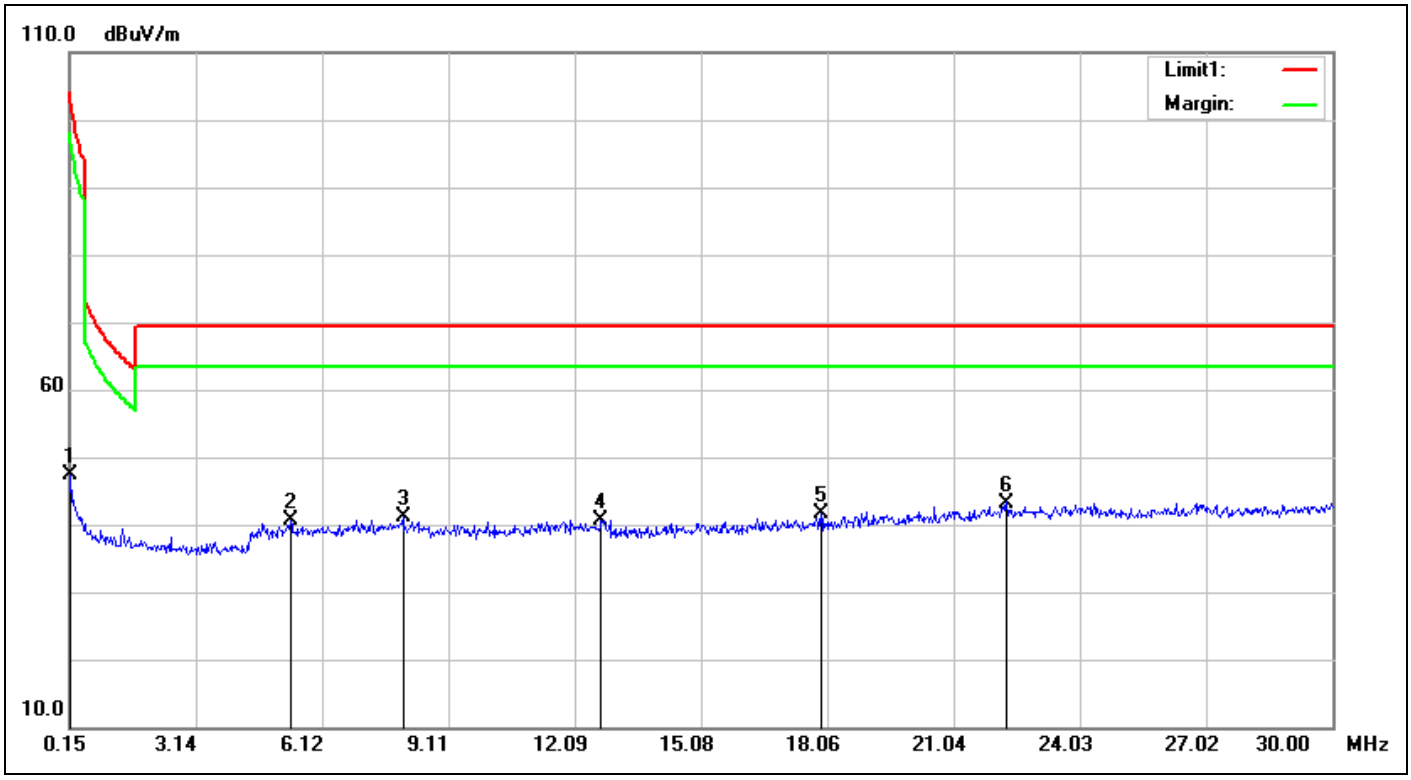

Service No.:	**114062969**	**Test Distance:**	**3m**
Test Standard:	**NCC2.8_9k-1G_3m**	**Ant. Polarization:**	
Test item:	**Radiation Emission**	**Test Time:**	**2017/4/18 11:46:28**
Applicant:	**DAQI CONCEPT INC.**	**Test Rating:**	**DC 5V**
Product:	**MG01 Wireless Speaker**	**Temp.(℃)/Hum.(%):**	**21.6(℃)/51%**
Model No.:	**MG01**	**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	0.1799	18.77	28.53	47.30	102.50	-55.20	QP	100	144	
2	5.3738	19.66	20.96	40.62	69.50	-28.88	QP	100	249	
3	8.0304	20.07	21.11	41.18	69.50	-28.32	QP	100	266	
4	12.7169	20.71	19.99	40.70	69.50	-28.80	QP	100	197	
5	17.9108	21.31	20.38	41.69	69.50	-27.81	QP	100	266	
6	22.2987	21.72	21.53	43.25	69.50	-26.25	QP	100	271	

Mains Spurious Emissions

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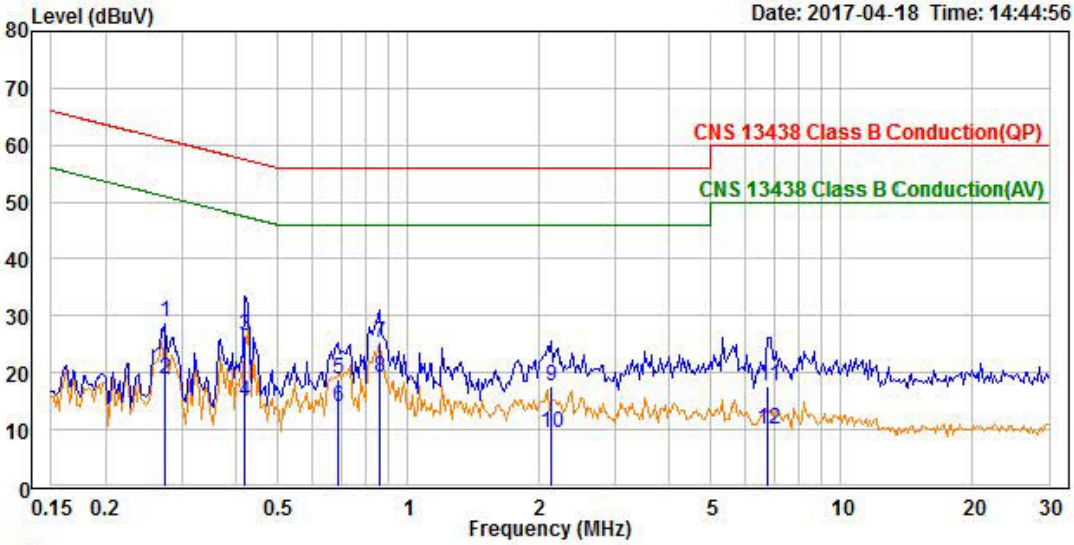

Trace: 1

Site : Conduction room
Condition : CNS 13438 Class B Conduction(QP) neutral
Test Engineer: George Yang
Applicant : DAQI CONCEPT INC.
Product : Bluetooth Speaker
Model No. : MG01
Test Rating : 110Vac/60Hz
Tmp/Hum : 22.9℃ / 44%
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.274	28.93	19.25	9.68	60.98	-32.05	QP
2	0.274	18.77	9.09	9.68	50.98	-32.21	Average
3	0.419	26.59	16.91	9.68	57.46	-30.87	QP
4	0.419	14.82	5.14	9.68	47.46	-32.64	Average
5	0.690	18.79	9.10	9.69	56.00	-37.21	QP
6	0.690	13.97	4.28	9.69	46.00	-32.03	Average
7	0.862	25.22	15.52	9.70	56.00	-30.78	QP
8	0.862	19.07	9.37	9.70	46.00	-26.93	Average
9	2.144	17.51	7.80	9.71	56.00	-38.49	QP
10	2.144	9.46	-0.25	9.71	46.00	-36.54	Average
11	6.805	17.60	7.84	9.76	60.00	-42.40	QP
12	6.805	10.02	0.26	9.76	50.00	-39.98	Average

Spurious Emissions, Mains, 150kHz - 30MHz

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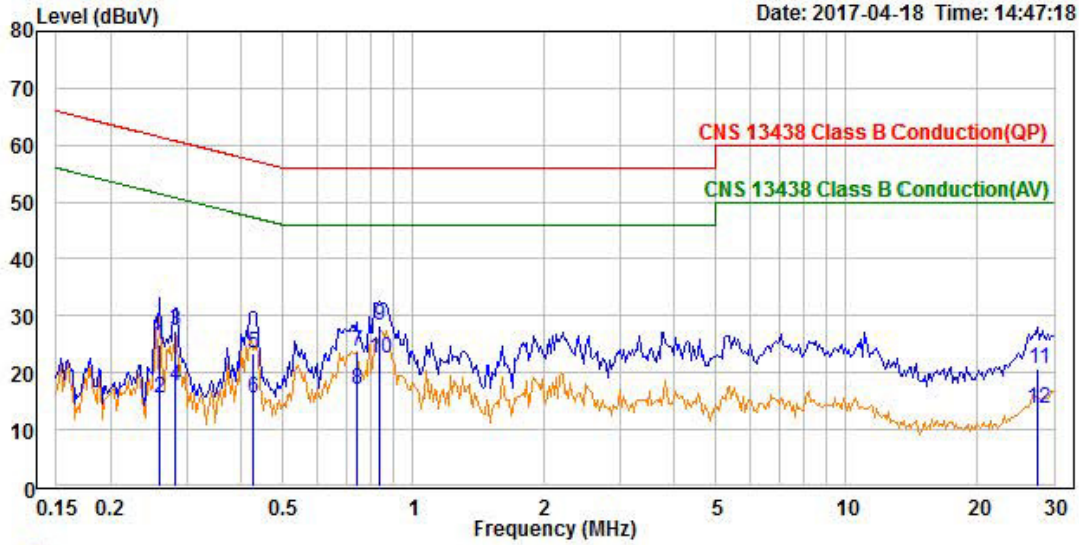

Trace: 1

Site : Conduction room
Condition : CNS 13438 Class B Conduction(QP) line1
Test Engineer: George Yang
Applicant : DAQI CONCEPT INC.
Product : Bluetooth Speaker
Model No. : MG01
Test Rating : 110Vac/60Hz
Tmp/Hum : 22.9℃ / 44%
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.260	24.85	15.10	9.75	61.42	-36.57	QP
2	0.260	15.48	5.73	9.75	51.42	-35.94	Average
3	0.283	27.32	17.57	9.75	60.72	-33.40	QP
4	0.283	17.61	7.86	9.75	50.72	-33.11	Average
5	0.428	23.29	13.54	9.75	57.29	-34.00	QP
6	0.428	15.50	5.75	9.75	47.29	-31.79	Average
7	0.743	23.85	14.10	9.75	56.00	-32.15	QP
8	0.743	17.12	7.37	9.75	46.00	-28.88	Average
9	0.835	28.30	18.55	9.75	56.00	-27.70	QP
10	0.835	22.55	12.80	9.75	46.00	-23.45	Average
11	27.562	20.71	10.79	9.92	60.00	-39.29	QP
12	27.562	13.84	3.92	9.92	50.00	-36.16	Average

Spurious Emissions, Mains, 150kHz - 30MHz