

# Test Report No.50118072 001

## Appendix D: Radiated Spurious Emission Data

(File: 50118072AppendixD)

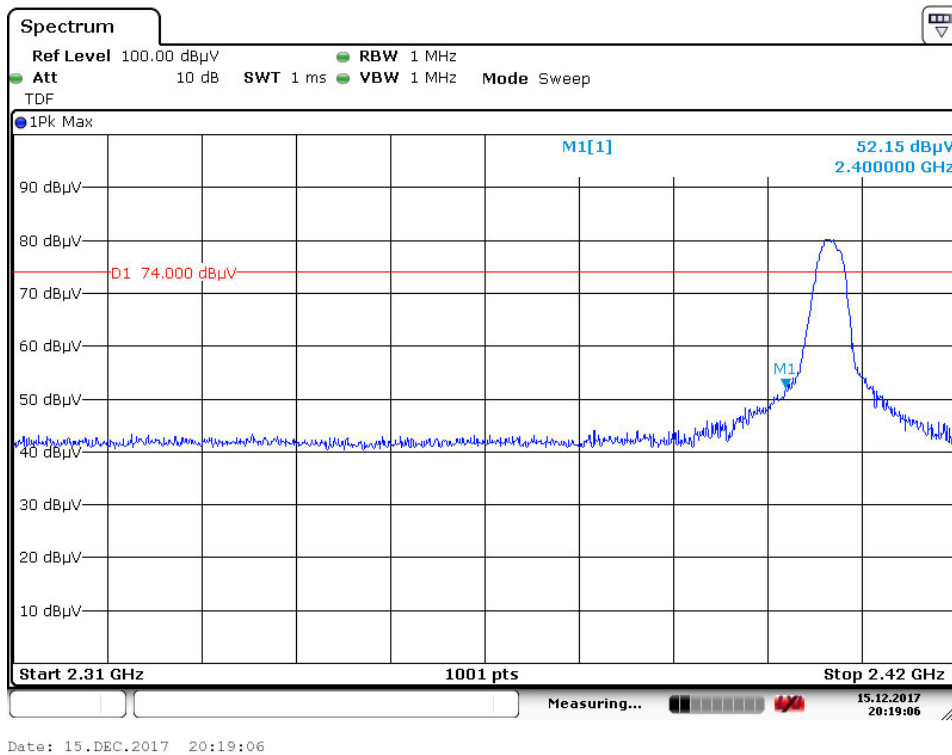
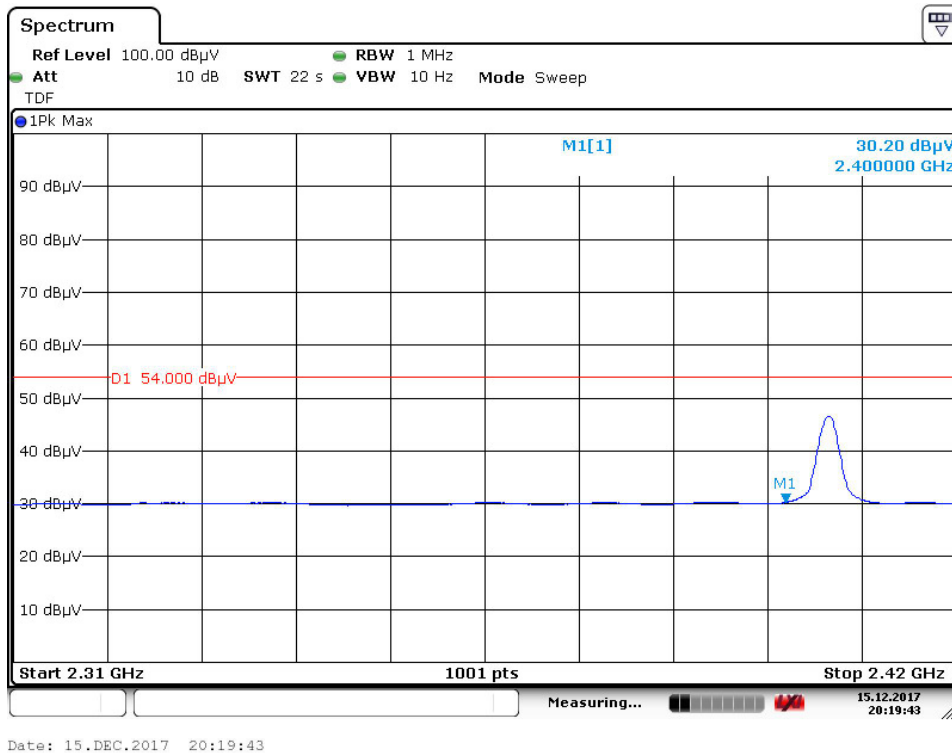
### Contents

Spurious Emissions, Band Edges, 2.35-2.5G .....	2
Fundamental .....	6
Spurious Emissions, TX Mode, 1-18G.....	12
Spurious Emissions, TX Mode, 18-26G.....	18
Spurious Emissions, TX Mode, 9K-1G .....	24
Spurious Emissions, RX Mode, 1-18G .....	28
Spurious Emissions, RX Mode, 18-26G .....	30
Spurious Emissions, RX Mode, 9K-1G.....	32

# Spurious Emissions, Band Edges, 2.35-2.5G

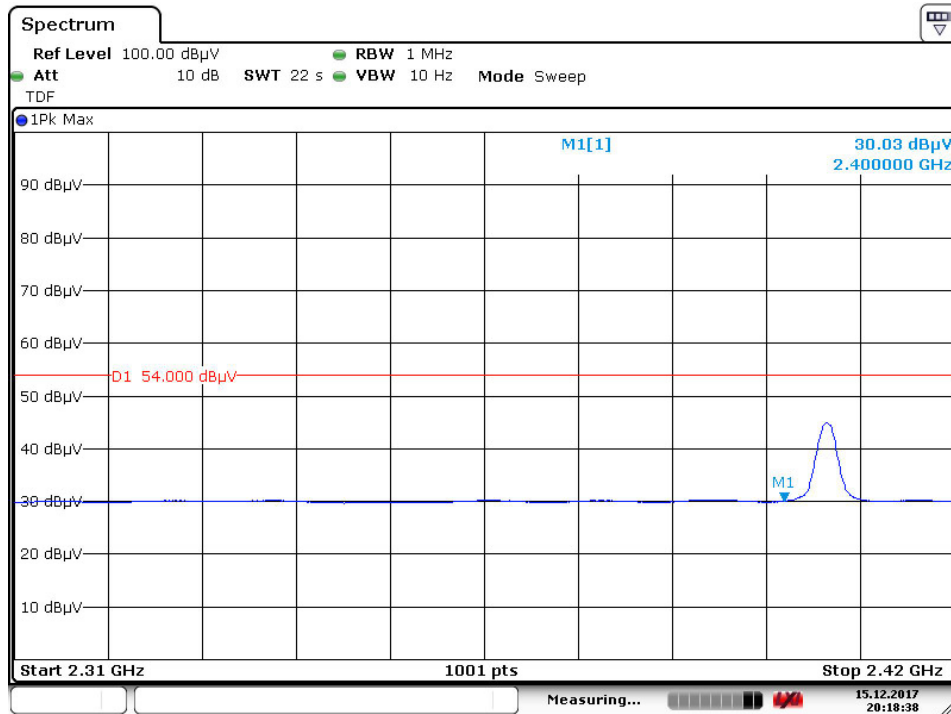
## Radiated Bandedge

### Low Channel (Hor)

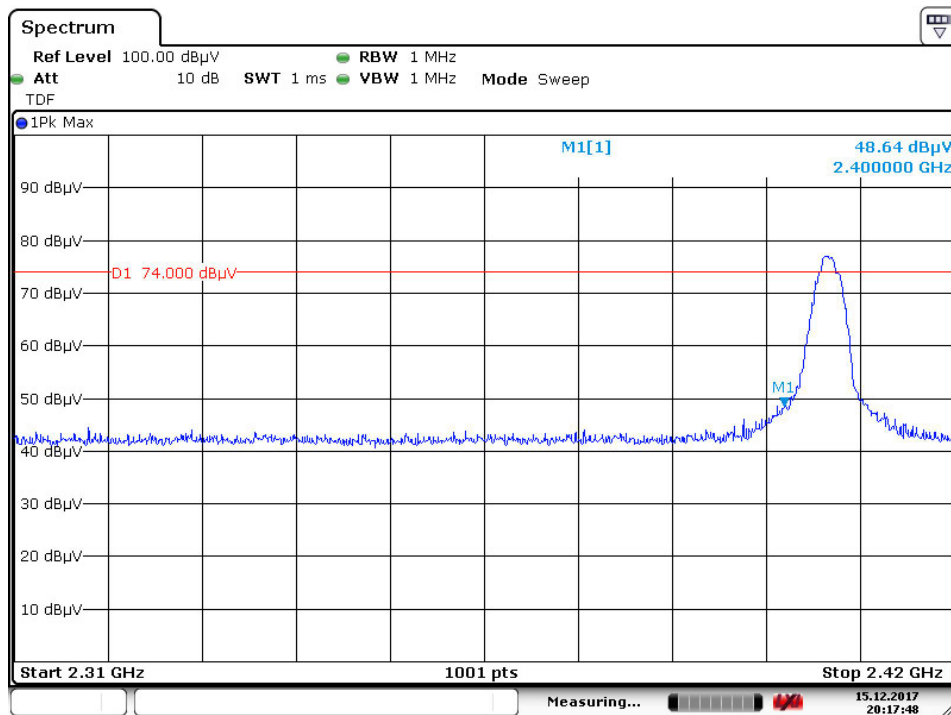


# Spurious Emissions, Band Edge, 2.35-2.5G

# Low Channel (Ver)



Date: 15.DEC.2017 20:18:38

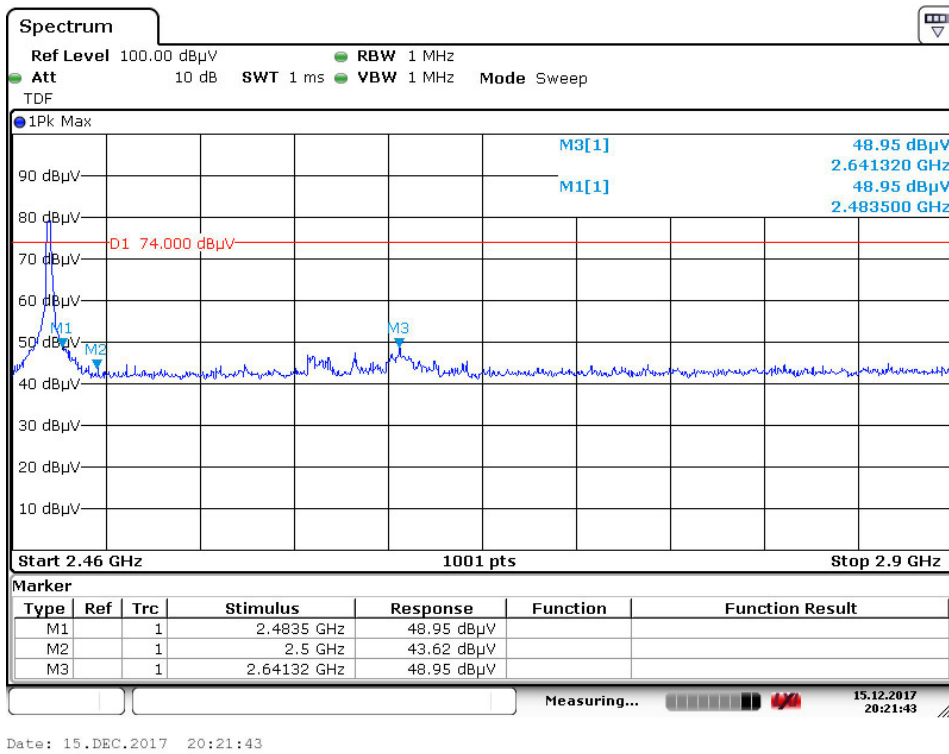
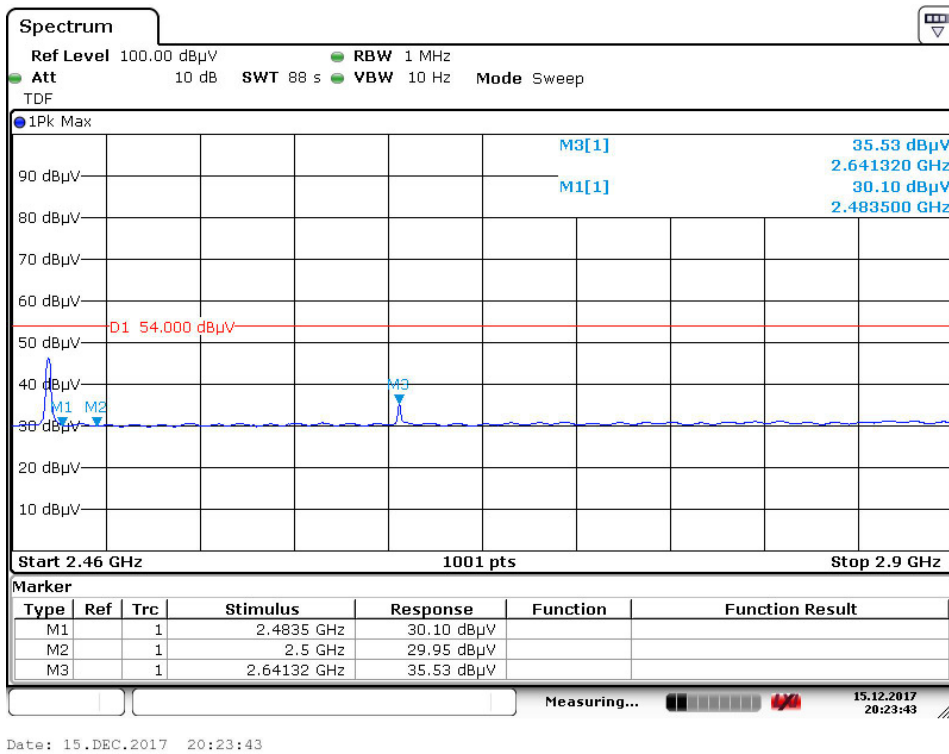


Date: 15.DEC.2017 20:17:48

## Spurious Emissions, Band Edge, 2.35-2.5G

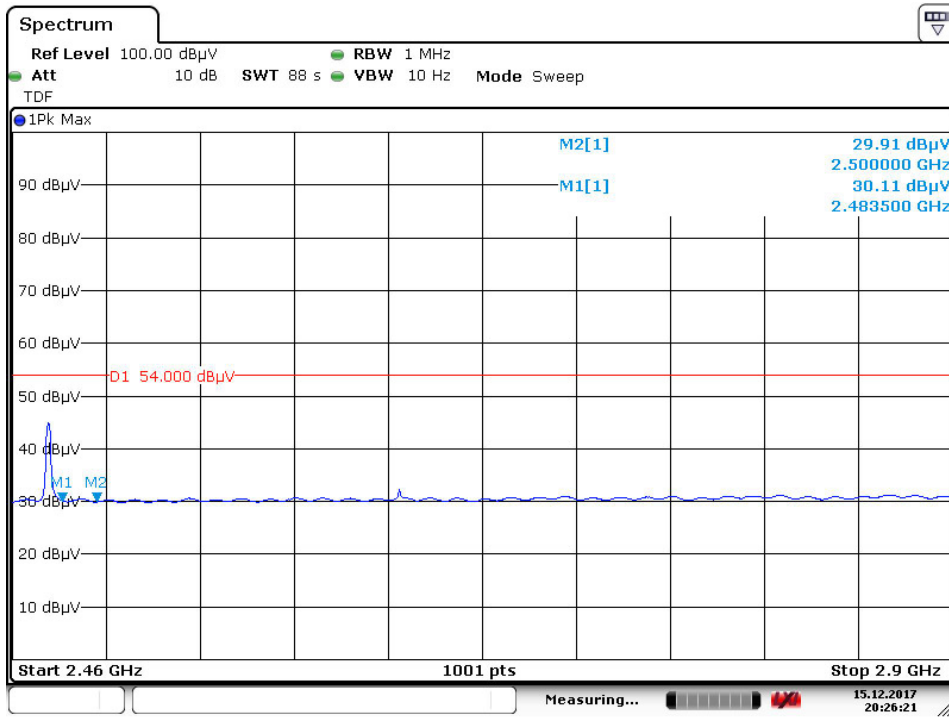
# Radiated Bandedge

## High Channel (Hor)

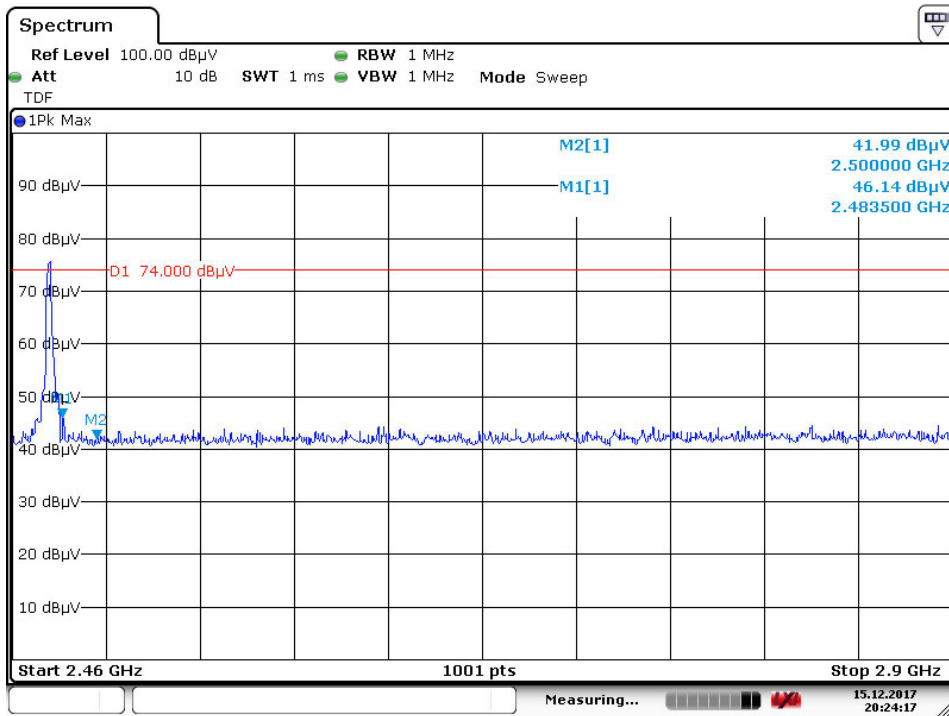


## Spurious Emissions, Band Edge, 2.35-2.5G

# High Channel (Ver)

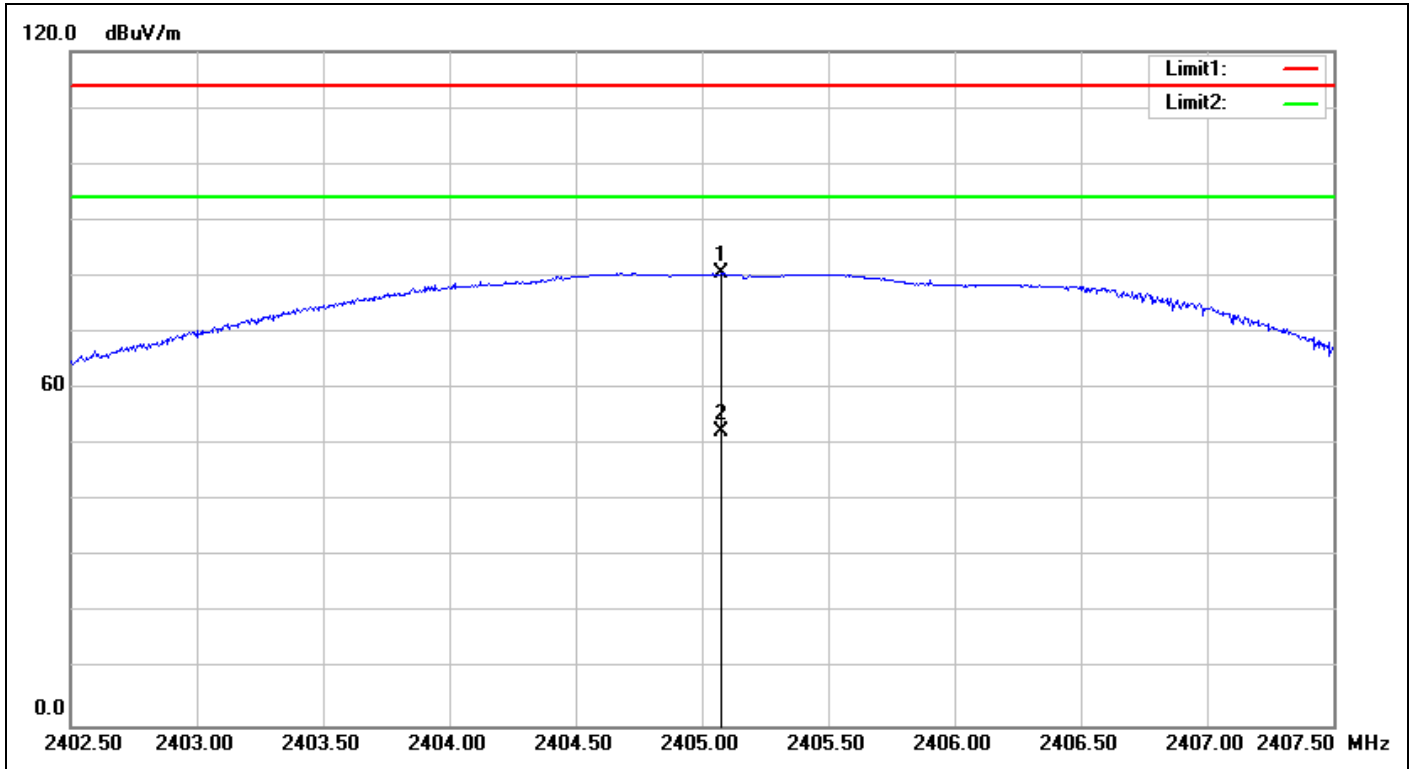


Date: 15.DEC.2017 20:26:21



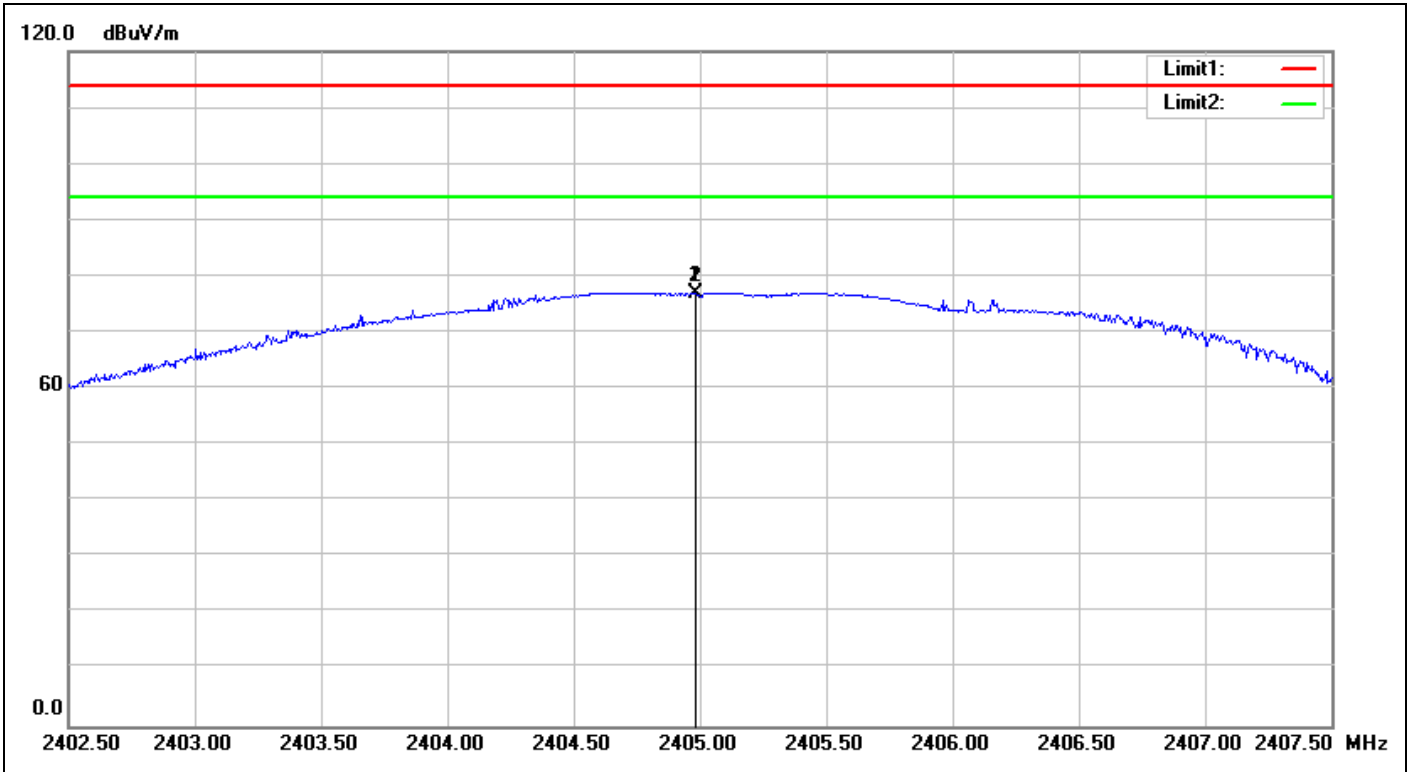
Date: 15.DEC.2017 20:24:17

## Spurious Emissions, Band Edge, 2.35-2.5G



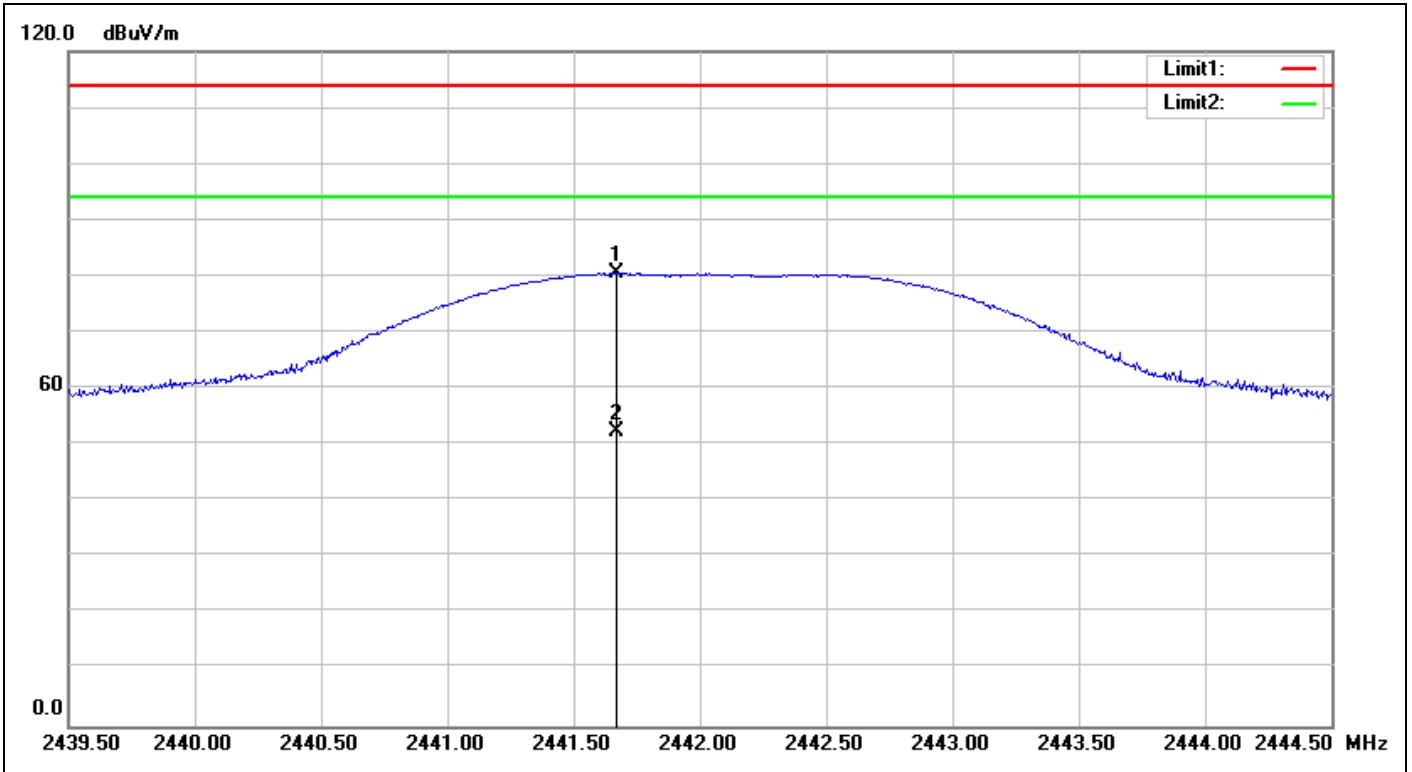
Service No.:	114072238	Test Distance:	3m
Test Standard:	FCC 15.249_2.4-2.5G_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/12/15 20:05:37
Applicant:	ARESON Technology Corp.	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	23(°C)/59%
Model No.:	B089MR, B089MR-A, 52851, 52852, 52853, 52854	Test Engineer:	George Yang
Test Mode:	2405-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2405.075	-8.10	88.52	80.42	114.00	-33.58	peak	218	134	
2	2405.075	-8.10	60.49	52.39	94.00	-41.61	AVG	218	134	



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC 15.249_2.4-2.5G_3m PK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:07:49</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2405-TX</b>		
<b>Remark:</b>			

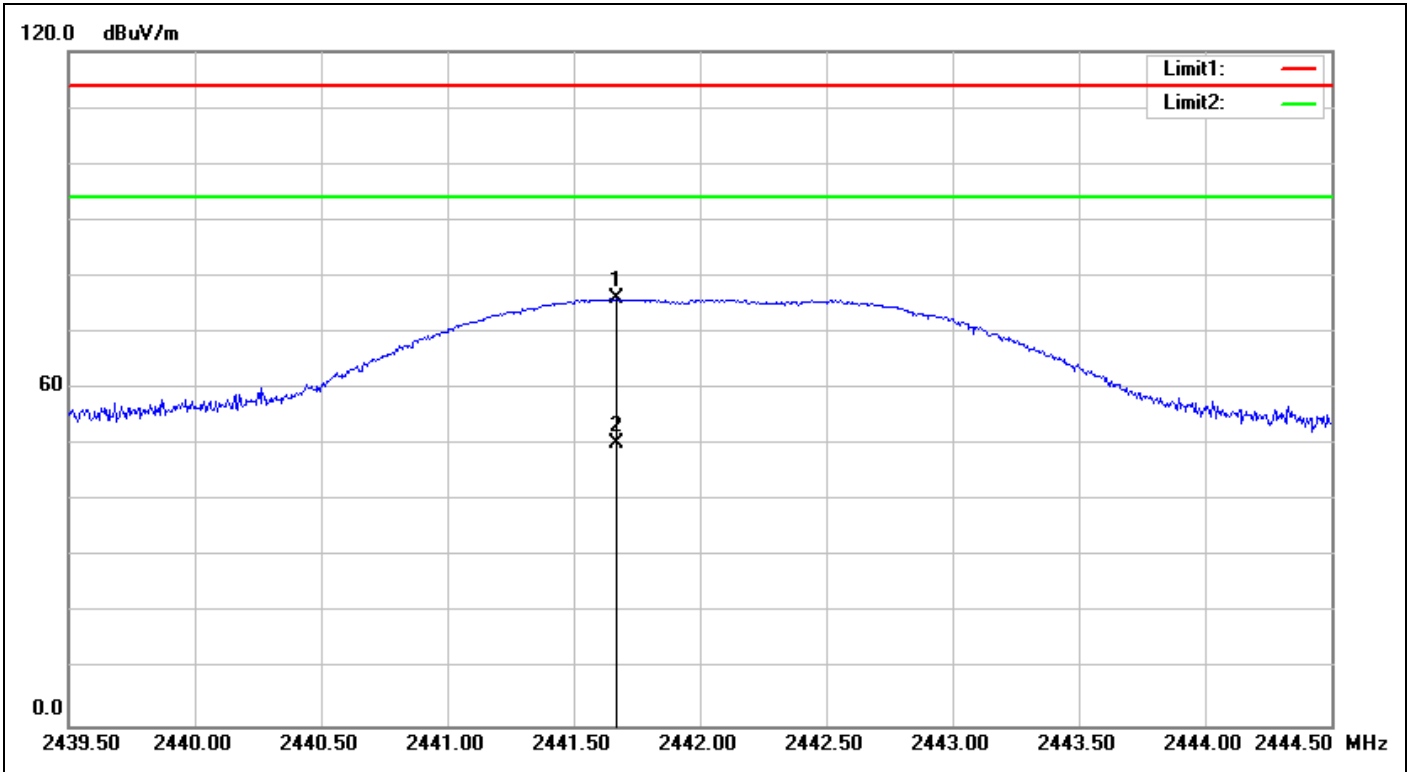
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2404.980	-8.10	85.20	77.10	114.00	-36.90	peak	177	69	
2	2404.980	-8.10	85.20	77.10	114.00	-36.90	peak	177	69	



<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC 15.249_2.4-2.5G_3m PK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:22:59
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-TX		
<b>Remark:</b>			

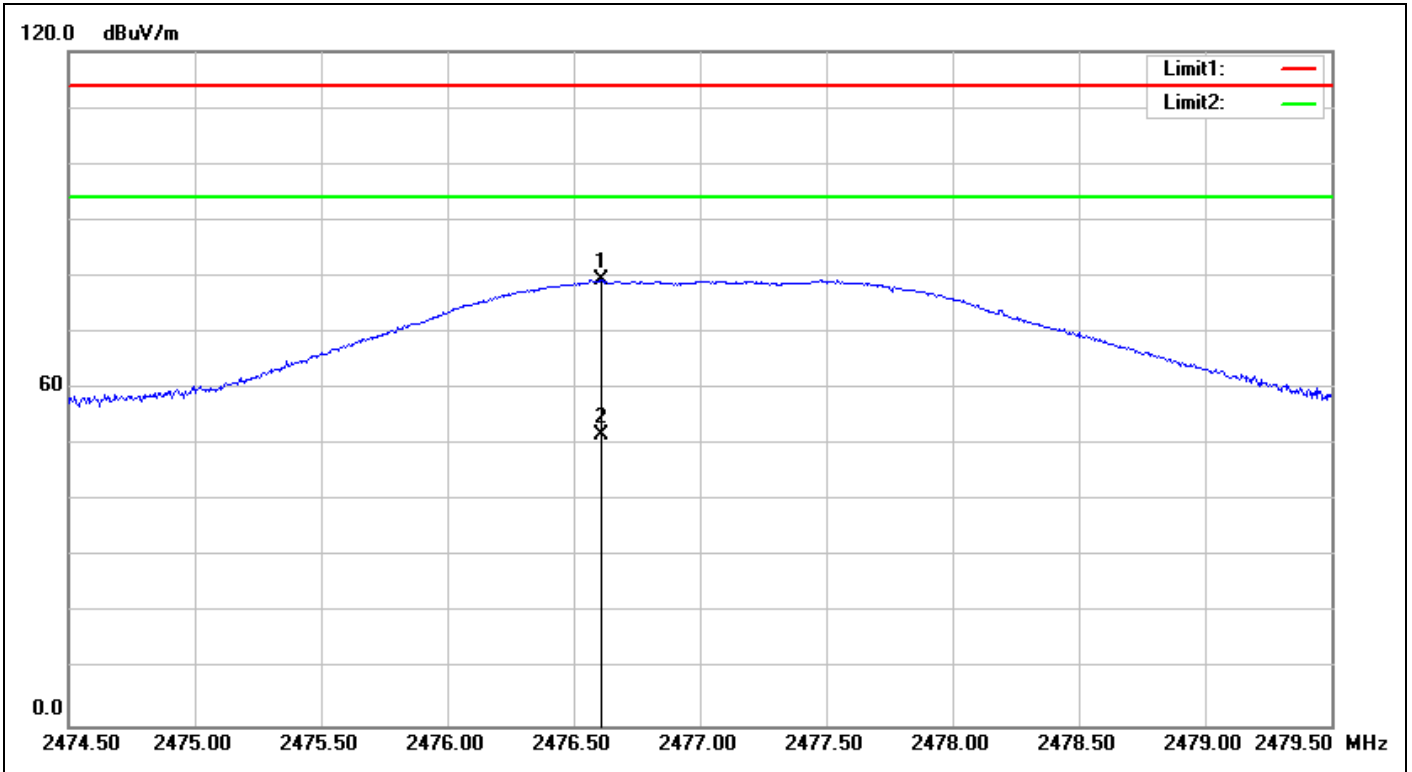
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.670	-8.10	88.64	80.54	114.00	-33.46	peak			
2	2441.670	-8.10	60.40	52.30	94.00	-41.70	AVG			





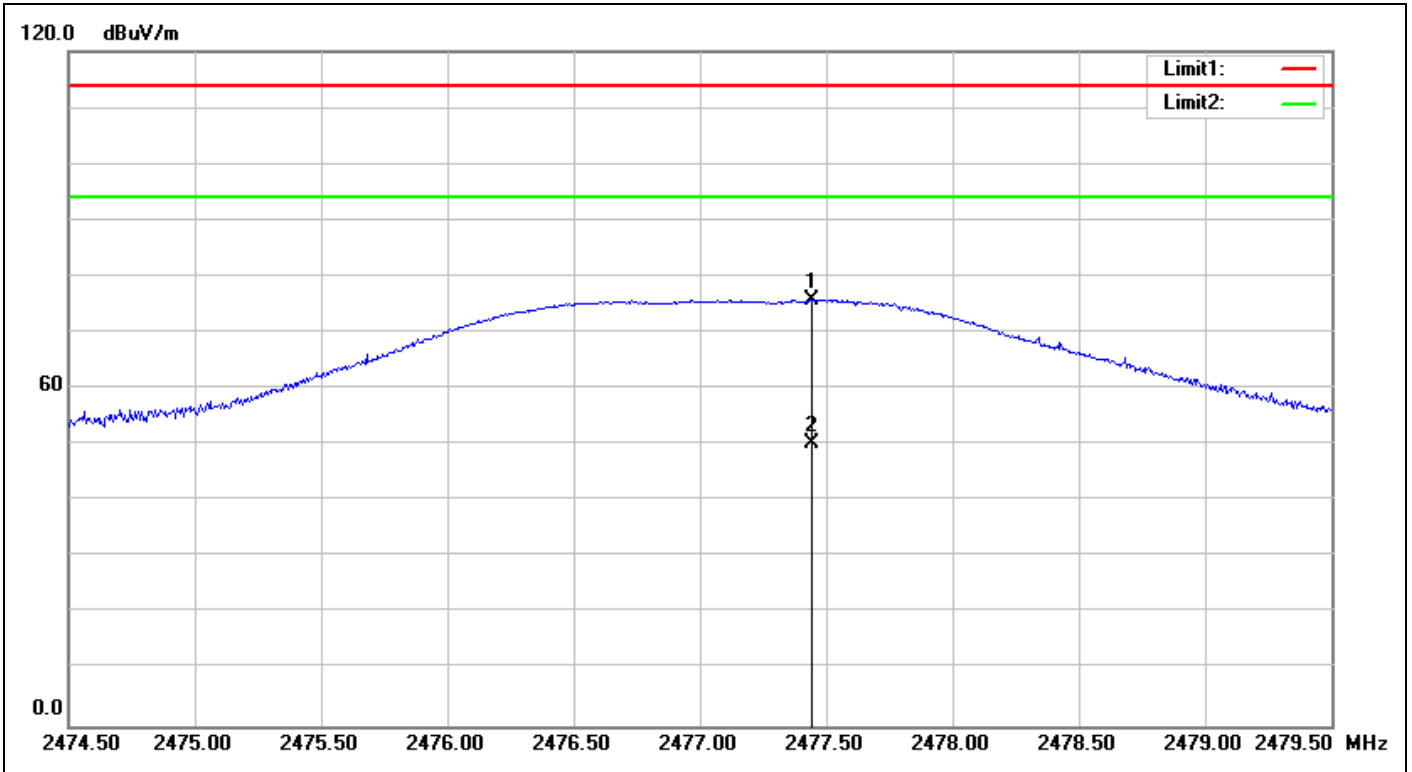
<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC 15.249_2.4-2.5G_3m PK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:23:52
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-TX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.670	-8.10	84.11	76.01	114.00	-37.99	peak			
2	2441.670	-8.10	58.49	50.39	114.00	-63.61	peak			



<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC 15.249_2.4-2.5G_3m PK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:21:31
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2477-TX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2476.610	-8.09	87.39	79.30	114.00	-34.70	peak			
2	2476.610	-8.09	59.72	51.63	94.00	-42.37	AVG			



<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC 15.249_2.4-2.5G_3m PK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:20:37
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2477-TX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2477.440	-8.10	83.95	75.85	114.00	-38.15	peak			
2	2477.440	-8.10	58.36	50.26	114.00	-63.74	peak			

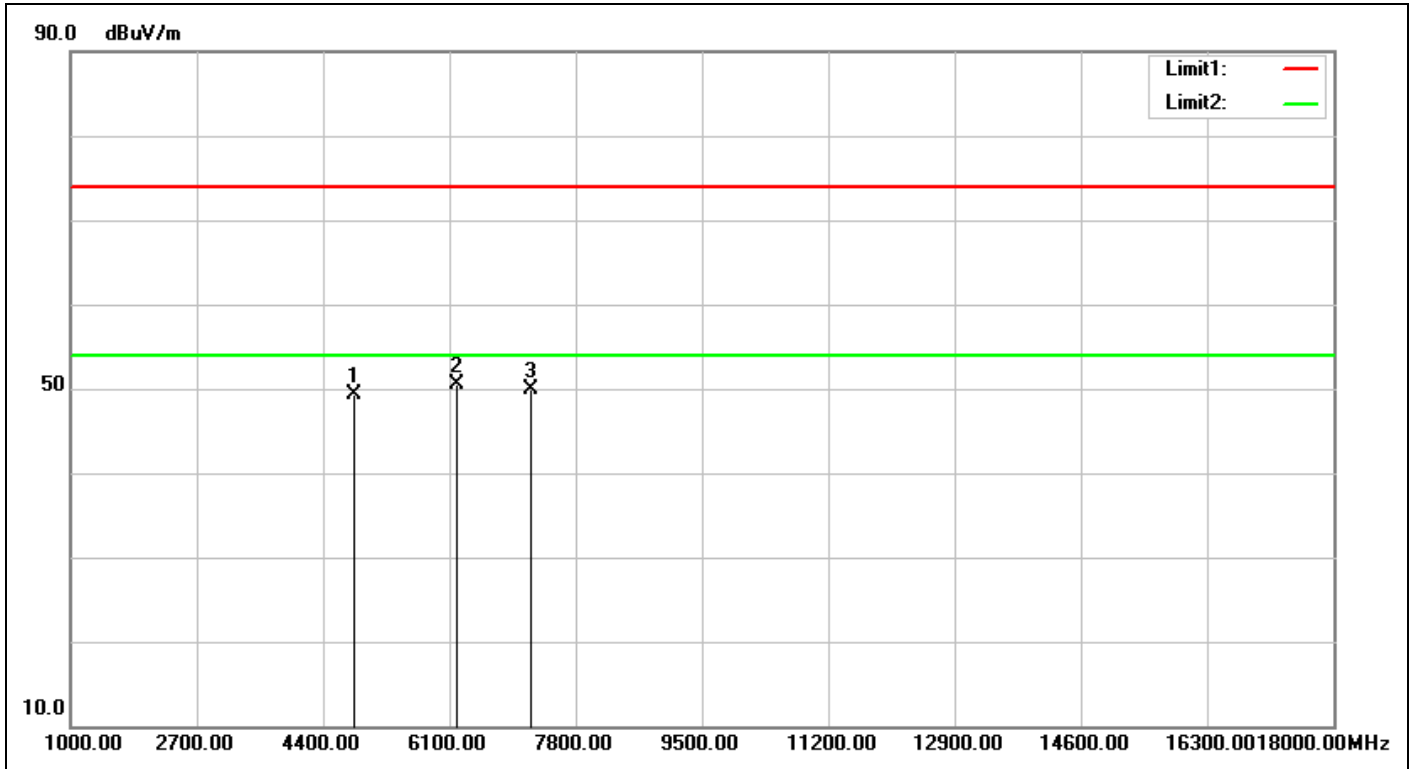
# Spurious Emissions, TX Mode, 1-18G



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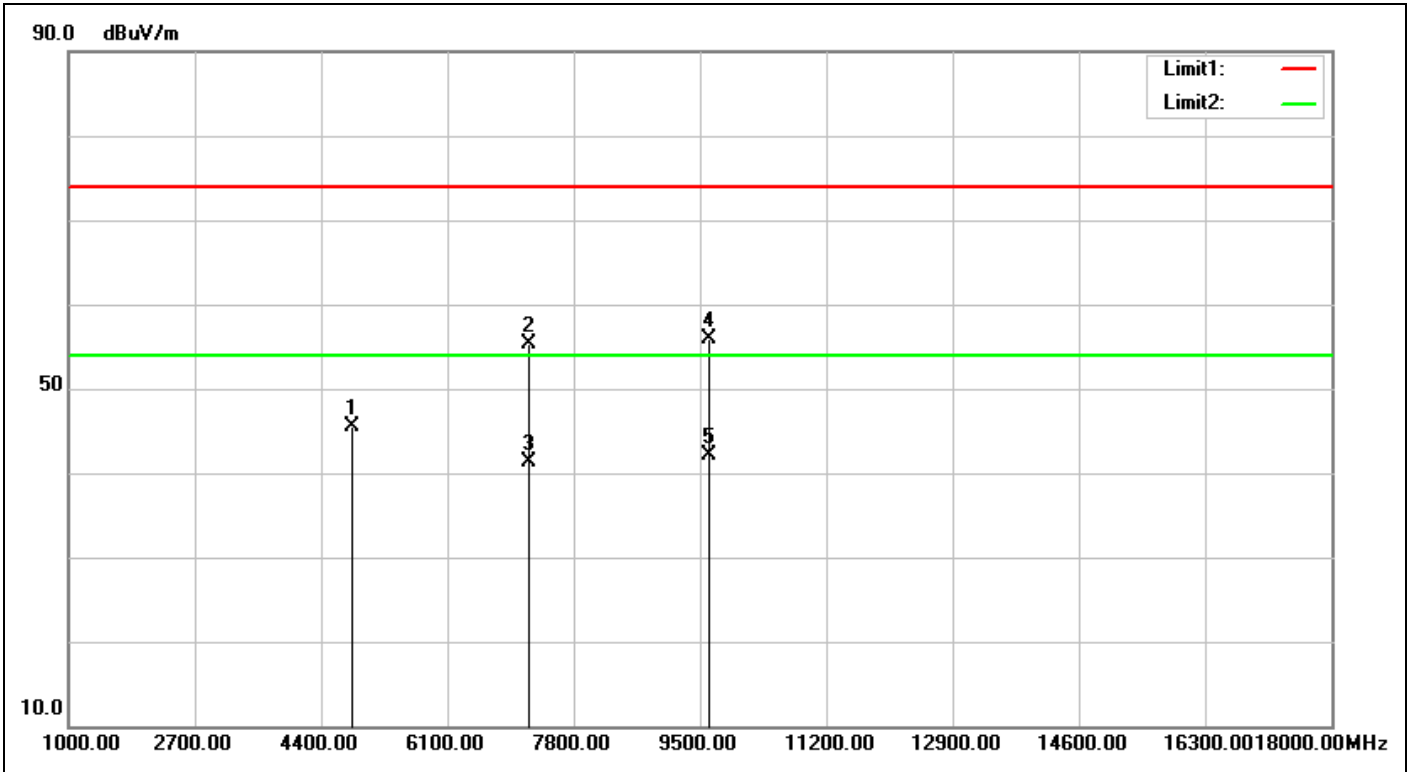
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



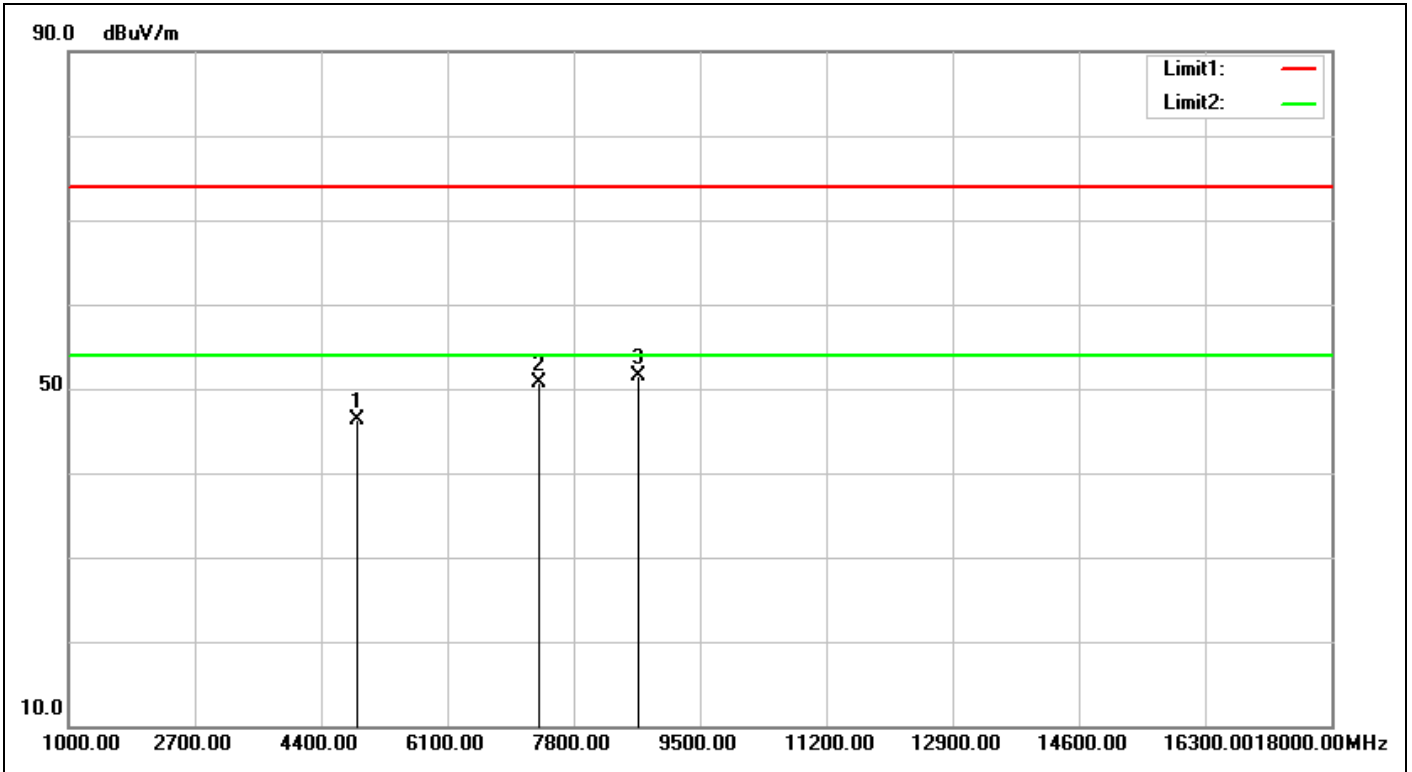
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<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:37:04
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2405-TX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4810.000	-2.70	51.98	49.28	74.00	-24.72	peak	100	260	
2	6202.000	4.20	46.21	50.41	74.00	-23.59	peak	100	340	
3	7215.000	5.32	44.56	49.88	74.00	-24.12	peak			



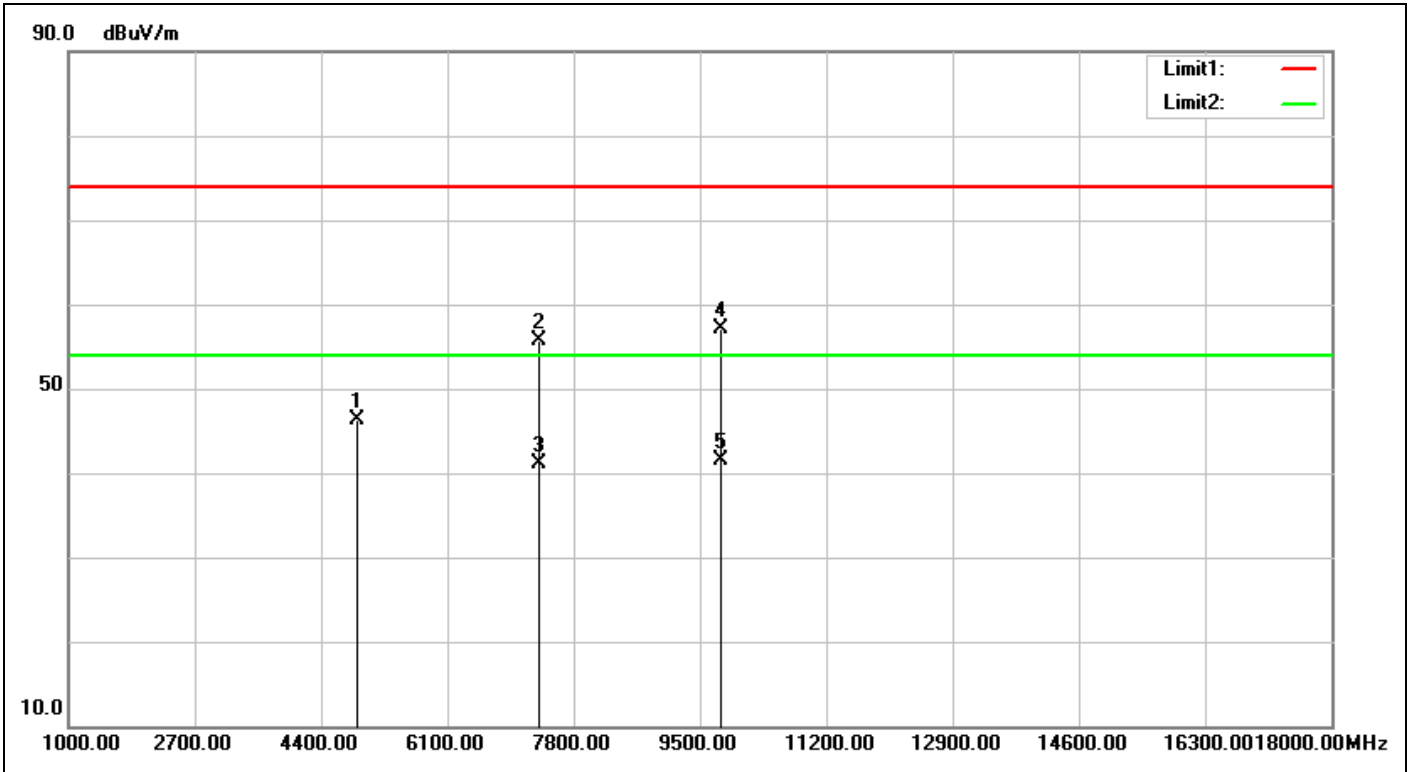
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:38:07</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2405-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4810.000	-2.70	48.14	45.44	74.00	-28.56	peak			
2	7215.000	5.32	49.97	55.29	74.00	-18.71	peak	100	227	
3	7215.000	5.32	36.03	41.35	54.00	-12.65	AVG	100	227	
4	9620.000	6.36	49.63	55.99	74.00	-18.01	peak	100	285	
5	9620.000	6.36	35.79	42.15	54.00	-11.85	AVG	100	285	



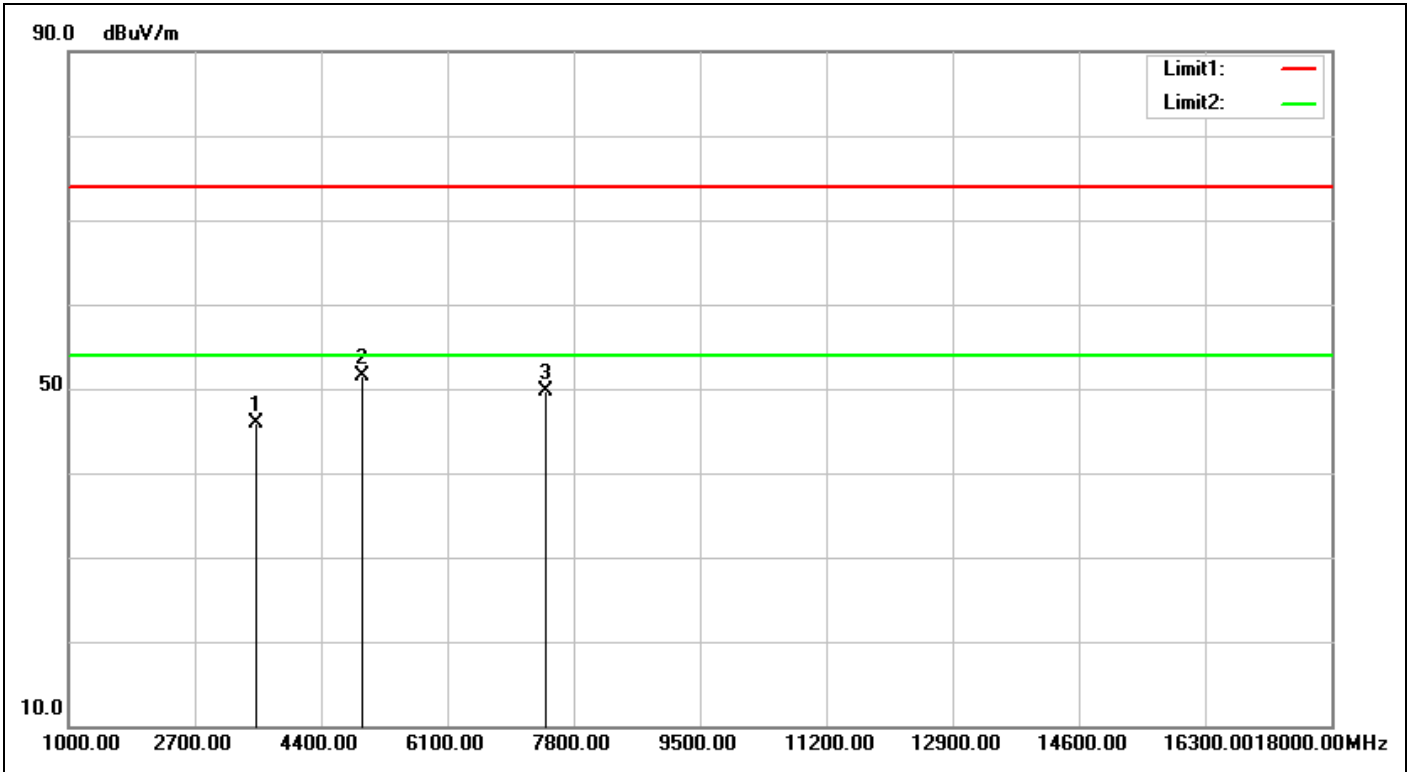
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:26:35</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	-2.49	48.82	46.33	74.00	-27.67	peak		0	
2	7326.000	5.60	45.16	50.76	74.00	-23.24	peak		0	
3	8667.000	6.50	44.97	51.47	74.00	-22.53	peak	100	338	



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:27:38</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

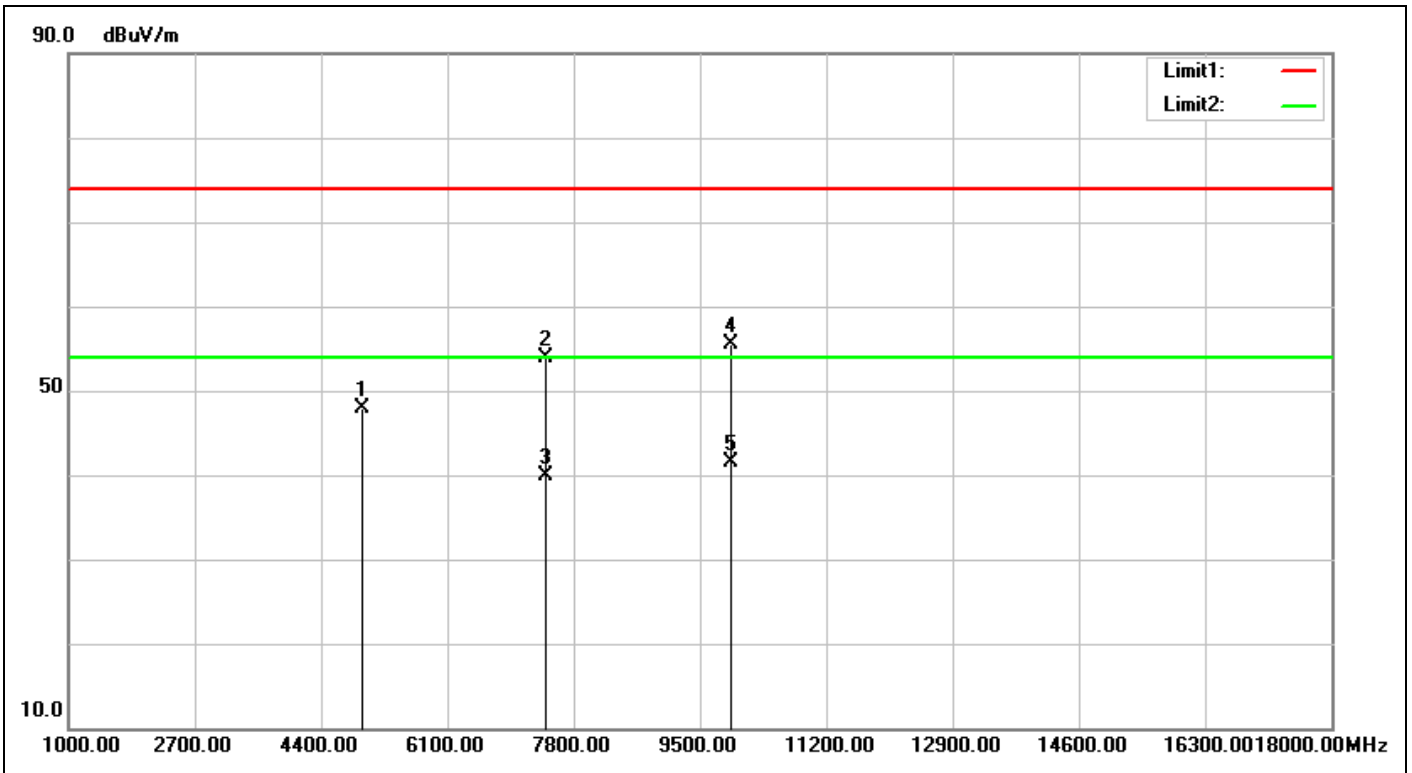
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	-2.49	48.73	46.24	74.00	-27.76	peak			
2	7326.000	5.60	50.05	55.65	74.00	-18.35	peak	100	262	
3	7326.000	5.60	35.41	41.01	54.00	-12.99	AVG	100	262	
4	9768.000	6.11	51.01	57.12	74.00	-16.88	peak	100	293	
5	9768.000	6.11	35.48	41.59	54.00	-12.41	AVG	100	293	



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:33:15</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2477-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	3516.000	-6.13	51.97	45.84	74.00	-28.16	peak	100	326	
2	4954.000	-2.30	53.82	51.52	74.00	-22.48	peak	100	246	
3	7431.000	5.87	43.81	49.68	74.00	-24.32	peak			





<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:34:18</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2477-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4954.000	-2.30	50.29	47.99	74.00	-26.01	peak			
2	7431.000	5.87	48.05	53.92	74.00	-20.08	peak	100	261	
3	7431.000	5.87	34.12	39.99	54.00	-14.01	AVG	100	261	
4	9908.000	5.88	49.62	55.50	74.00	-18.50	peak	100	280	
5	9908.000	5.88	35.62	41.50	54.00	-12.50	AVG	100	280	

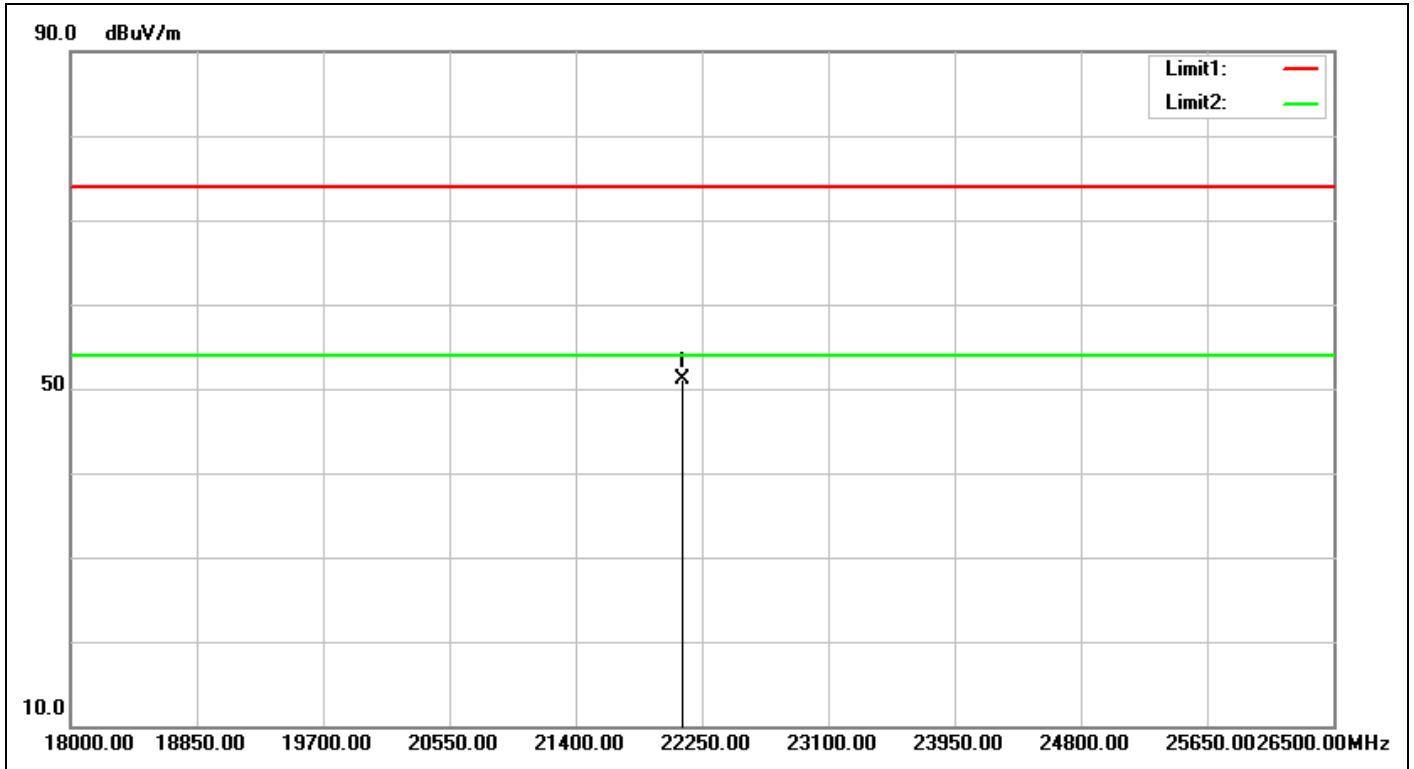
# Spurious Emissions, TX Mode, 18-26G



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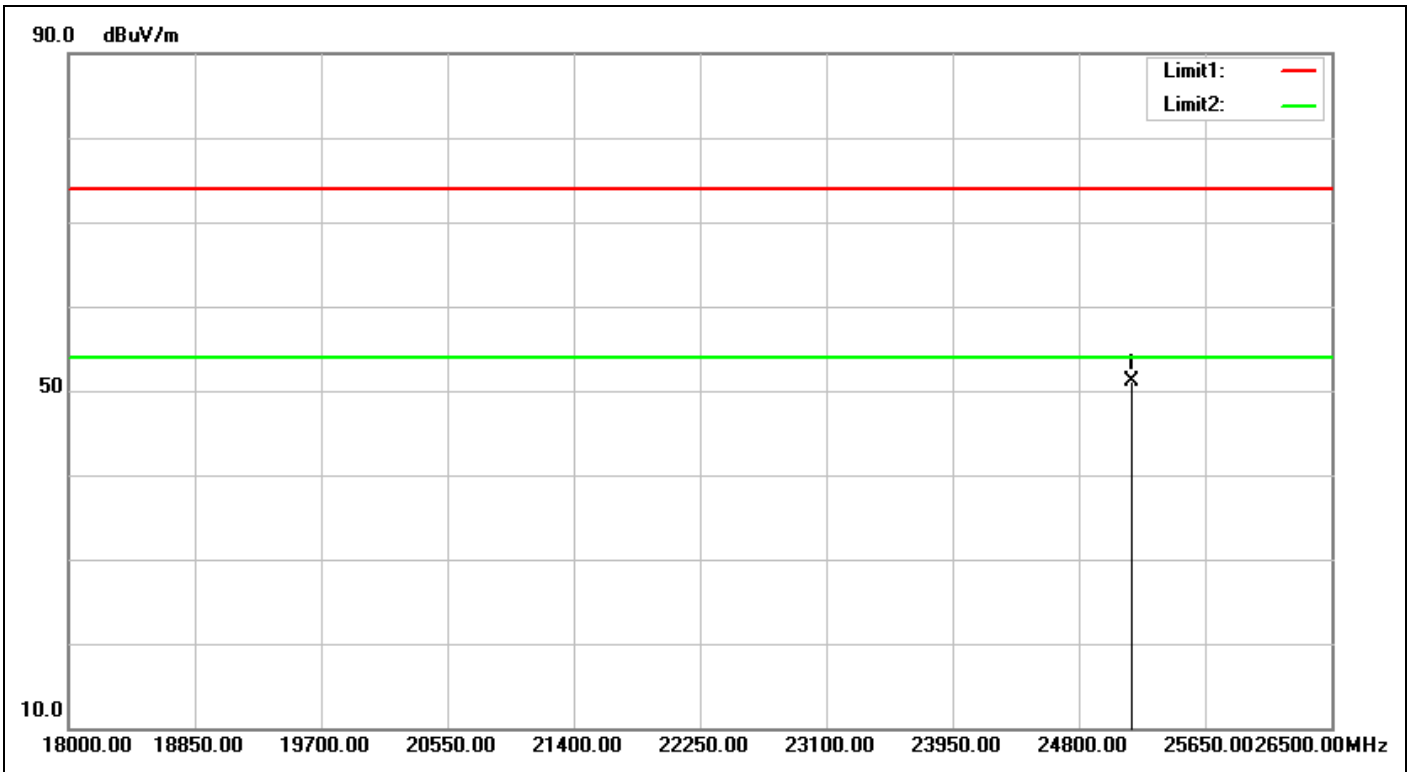
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



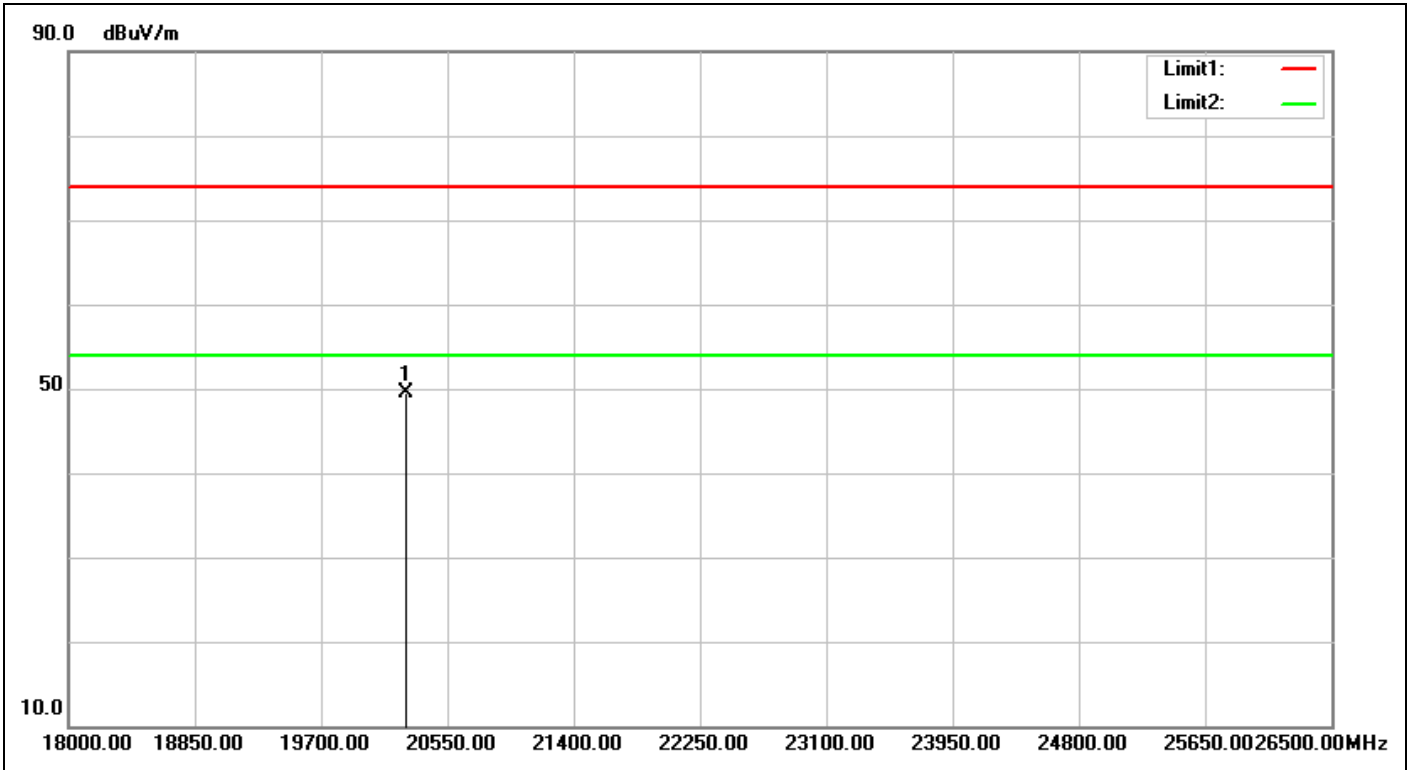
<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:50:19
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2405-TX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22114.000	32.51	18.52	51.03	74.00	-22.97	peak			



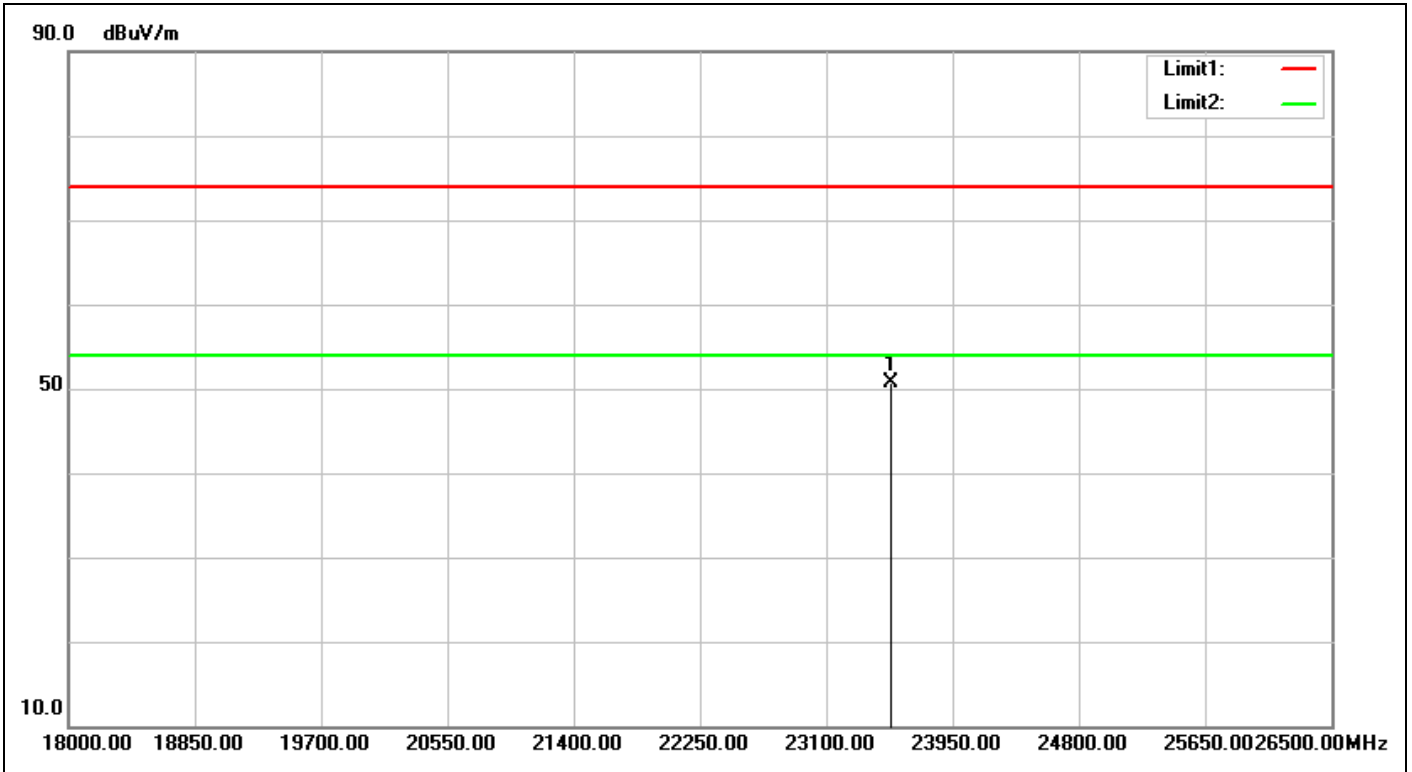
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:50:29</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2405-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25157.000	33.57	17.48	51.05	74.00	-22.95	peak			



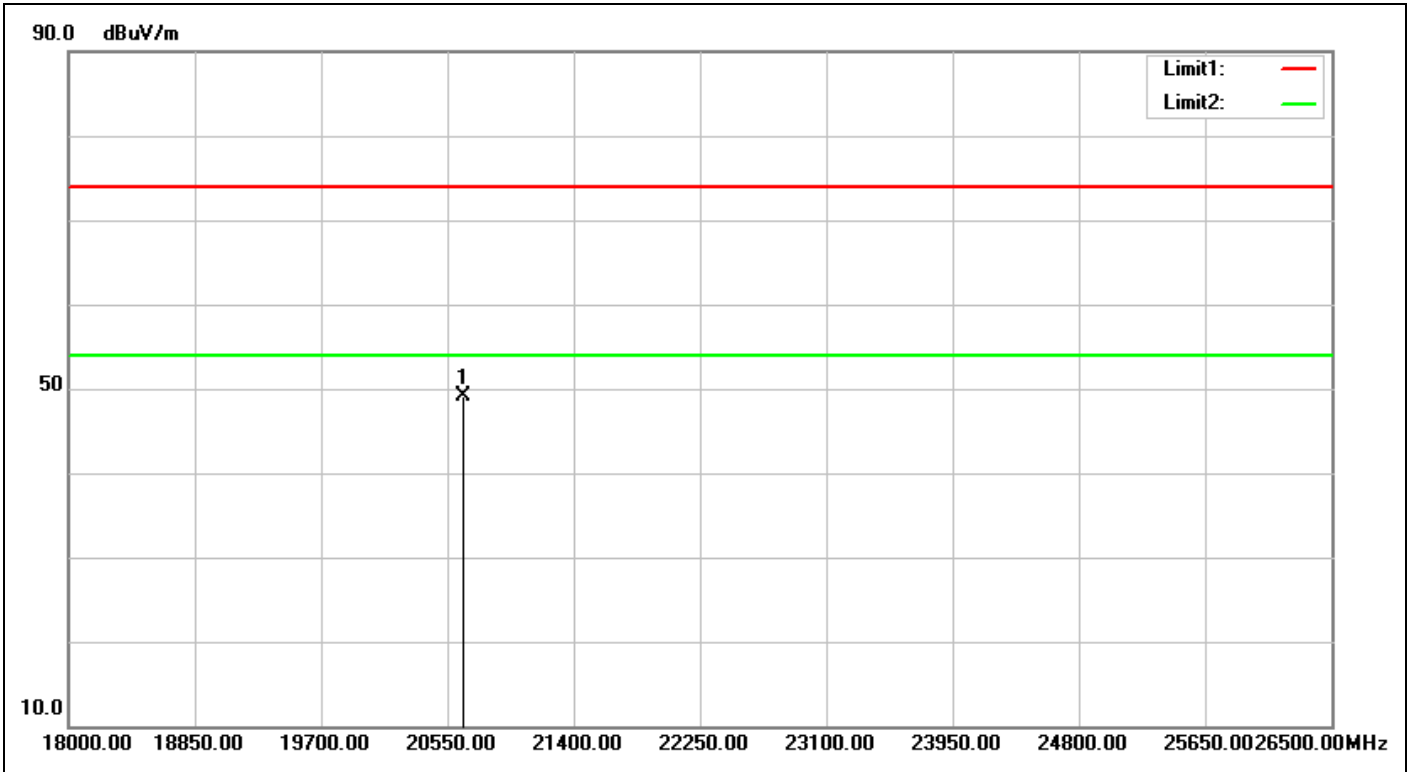
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:50:42</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20269.500	30.78	18.67	49.45	74.00	-24.55	peak			



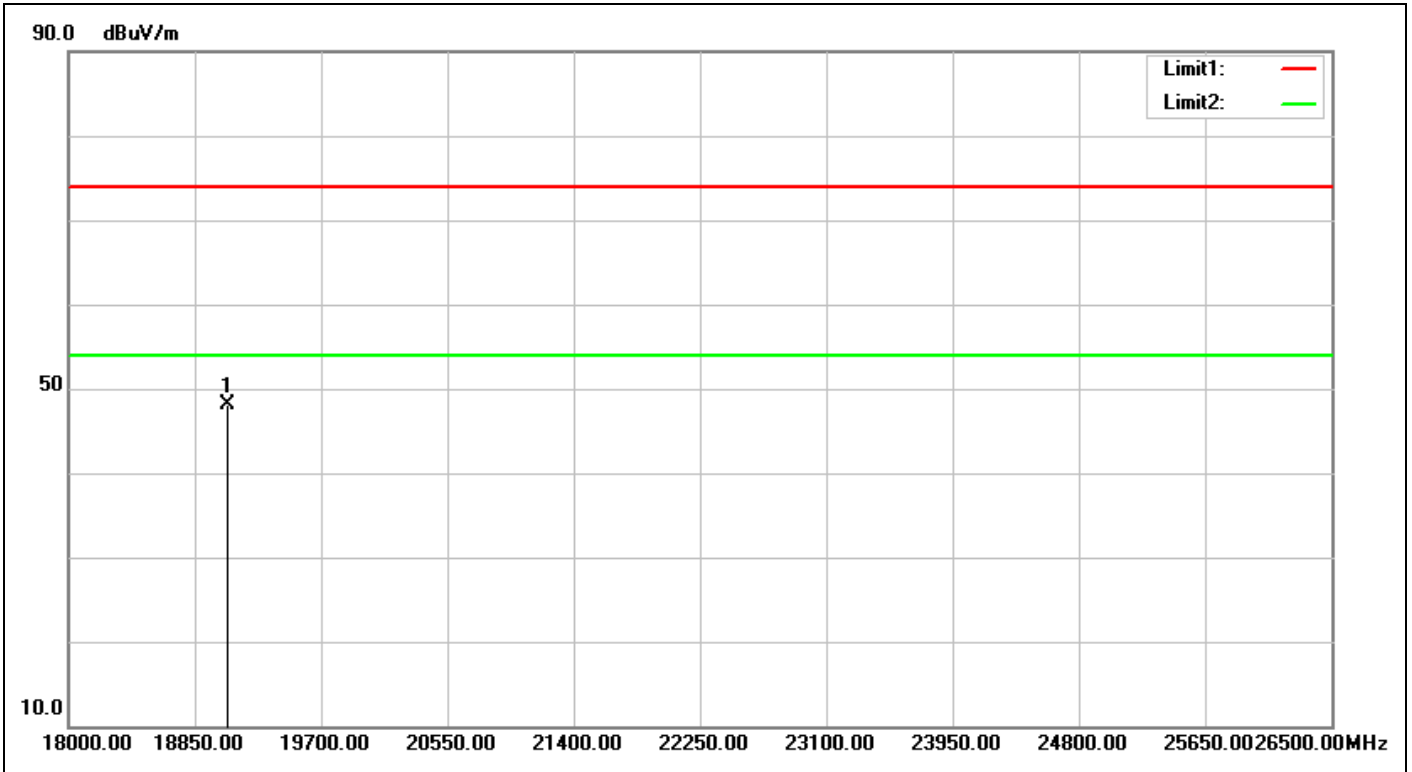
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:50:50</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23533.500	32.37	18.43	50.80	74.00	-23.20	peak			



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:51:02</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2477-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20652.000	31.06	18.03	49.09	74.00	-24.91	peak			



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:51:11</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2477-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19071.000	29.22	18.81	48.03	74.00	-25.97	peak			

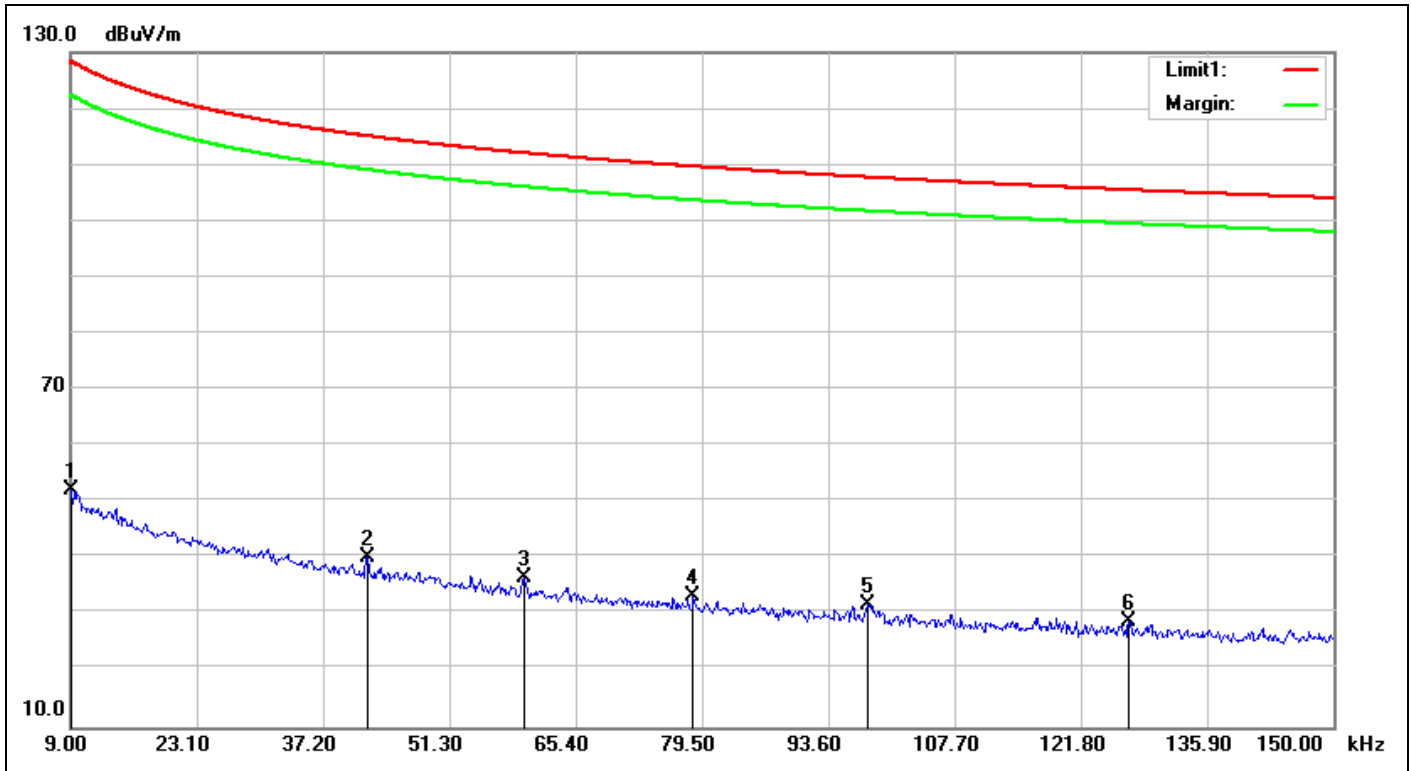
# Spurious Emissions, TX Mode, 9K-1G



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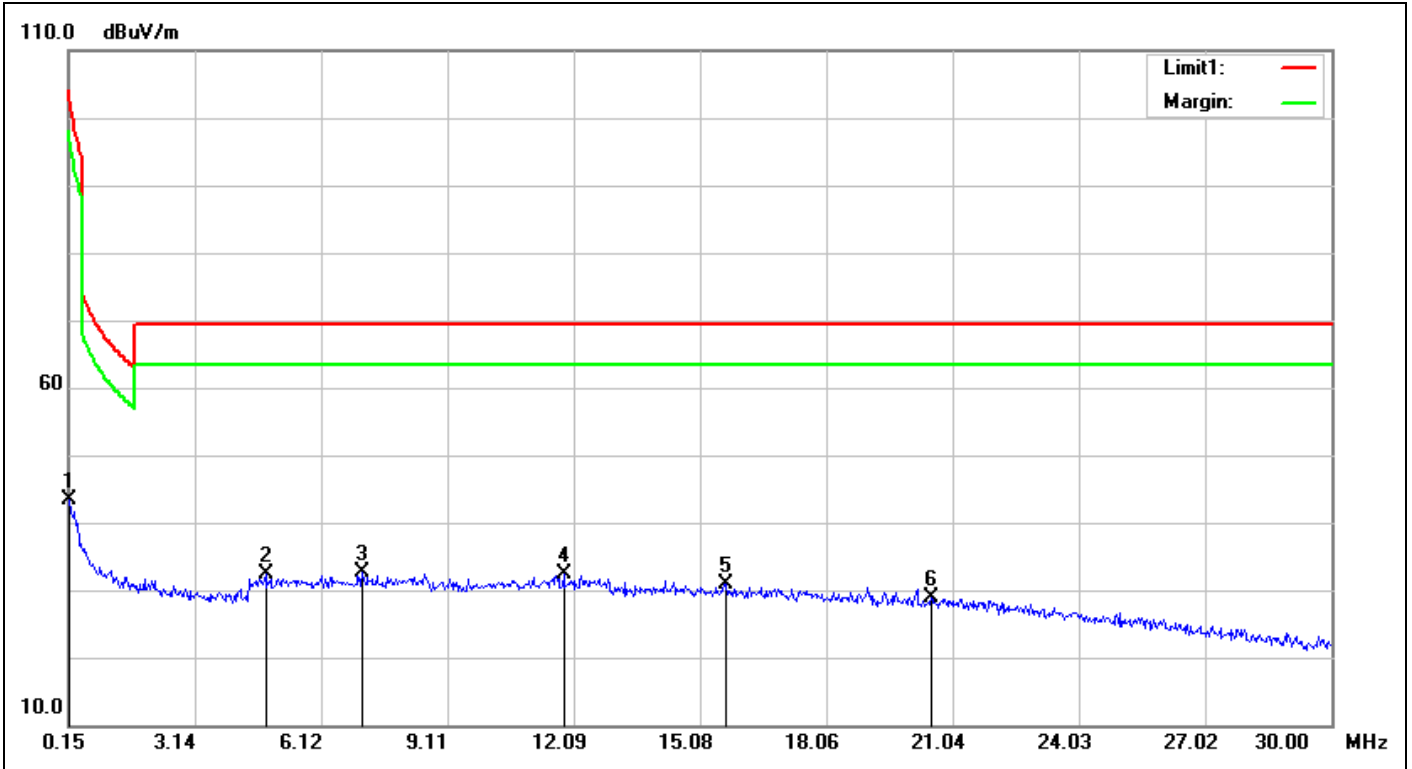
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC15.209_9k-1G_3m	<b>Ant. Polarization:</b>	
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:58:21
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-TX		
<b>Remark:</b>			

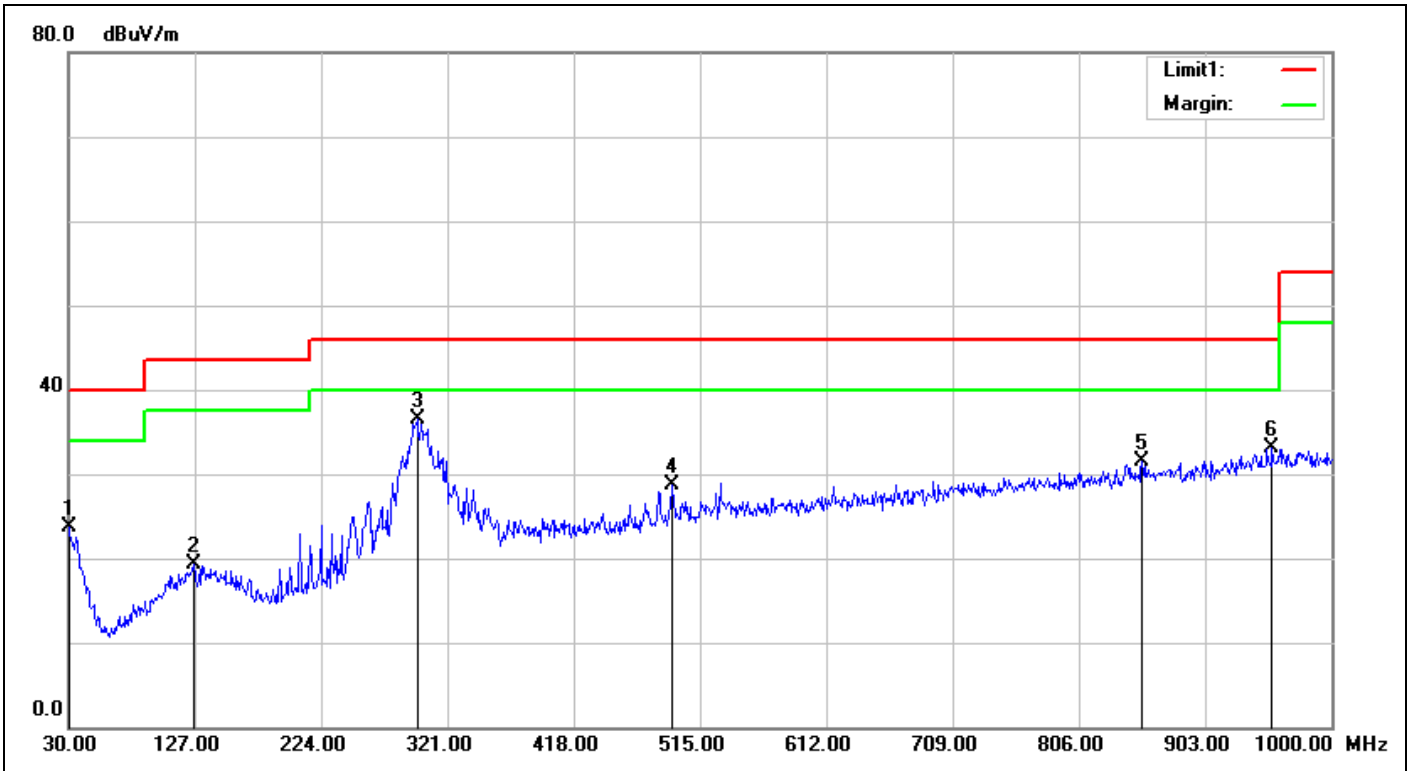
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0090	19.53	32.50	52.03	128.50	-76.47	QP	100	282	
2	0.0421	19.71	20.51	40.22	115.11	-74.89	QP	100	171	
3	0.0596	19.37	17.09	36.46	112.09	-75.63	QP	100	83	
4	0.0785	19.26	13.90	33.16	109.70	-76.54	QP	100	349	
5	0.0979	19.14	12.70	31.84	107.78	-75.94	QP	100	315	
6	0.1271	19.10	9.52	28.62	105.51	-76.89	QP	100	360	





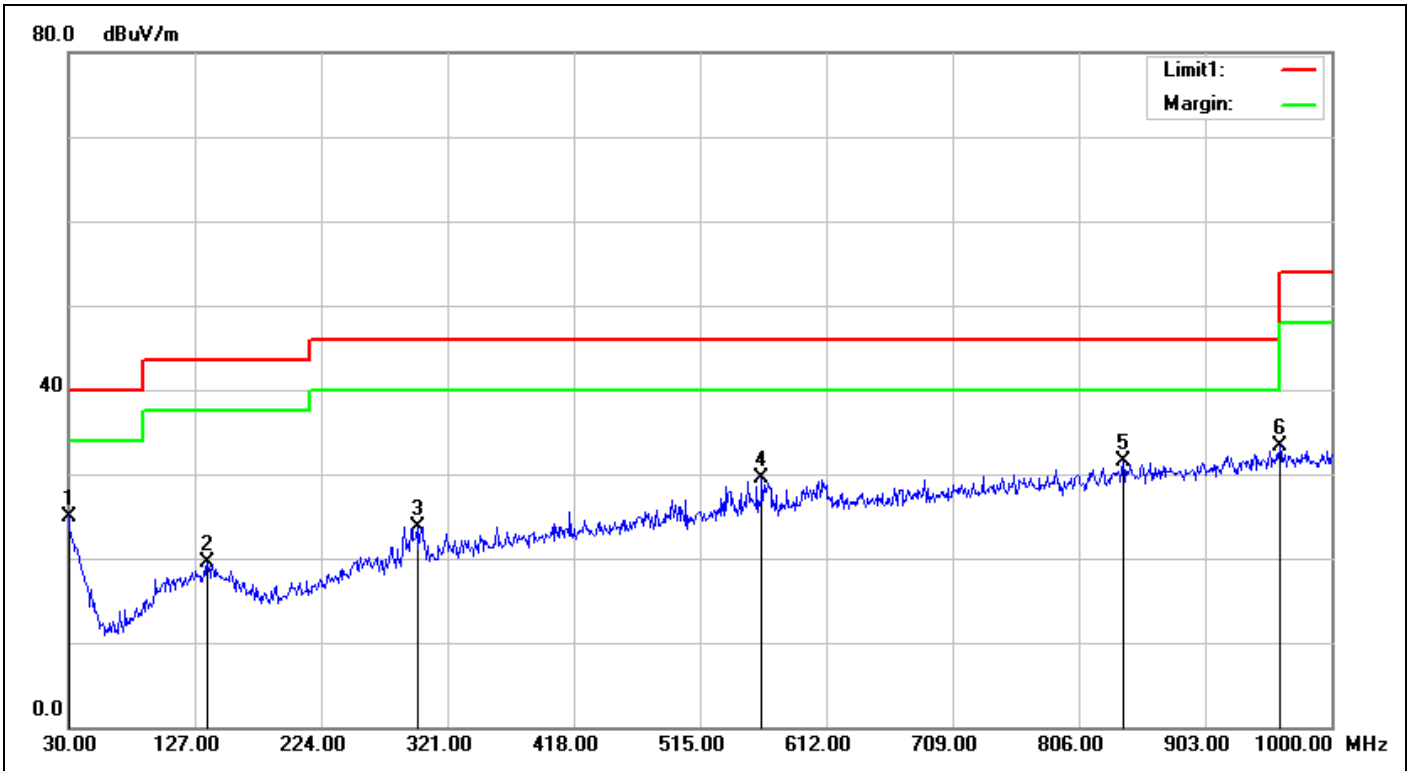
Service No.:	114072238	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/12/15 21:03:23
Applicant:	ARESON Technology Corp.	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	23(°C)/59%
Model No.:	B089MR, B089MR-A, 52851, 52852, 52853, 52854	Test Engineer:	George Yang
Test Mode:	2442-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	24.32	43.40	104.08	-60.68	QP	100	266	
2	4.8066	19.64	12.63	32.27	69.50	-37.23	QP	100	280	
3	7.0752	19.95	12.76	32.71	69.50	-36.79	QP	100	136	
4	11.8512	20.54	11.80	32.34	69.50	-37.16	QP	100	221	
5	15.7018	21.23	9.75	30.98	69.50	-38.52	QP	100	274	
6	20.5375	22.02	6.76	28.78	69.50	-40.72	QP	100	159	



<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 21:09:16</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.00	23.75	40.00	-16.25	QP	100	141	
2	126.0300	-7.28	26.53	19.25	43.50	-24.25	QP	100	67	
3	297.7200	-4.62	41.12	36.50	46.00	-9.50	QP	100	96	
4	493.6600	-1.27	29.94	28.67	46.00	-17.33	QP	100	107	
5	854.5000	3.75	27.83	31.58	46.00	-14.42	QP	100	269	
6	954.4100	5.52	27.56	33.08	46.00	-12.92	QP	100	80	



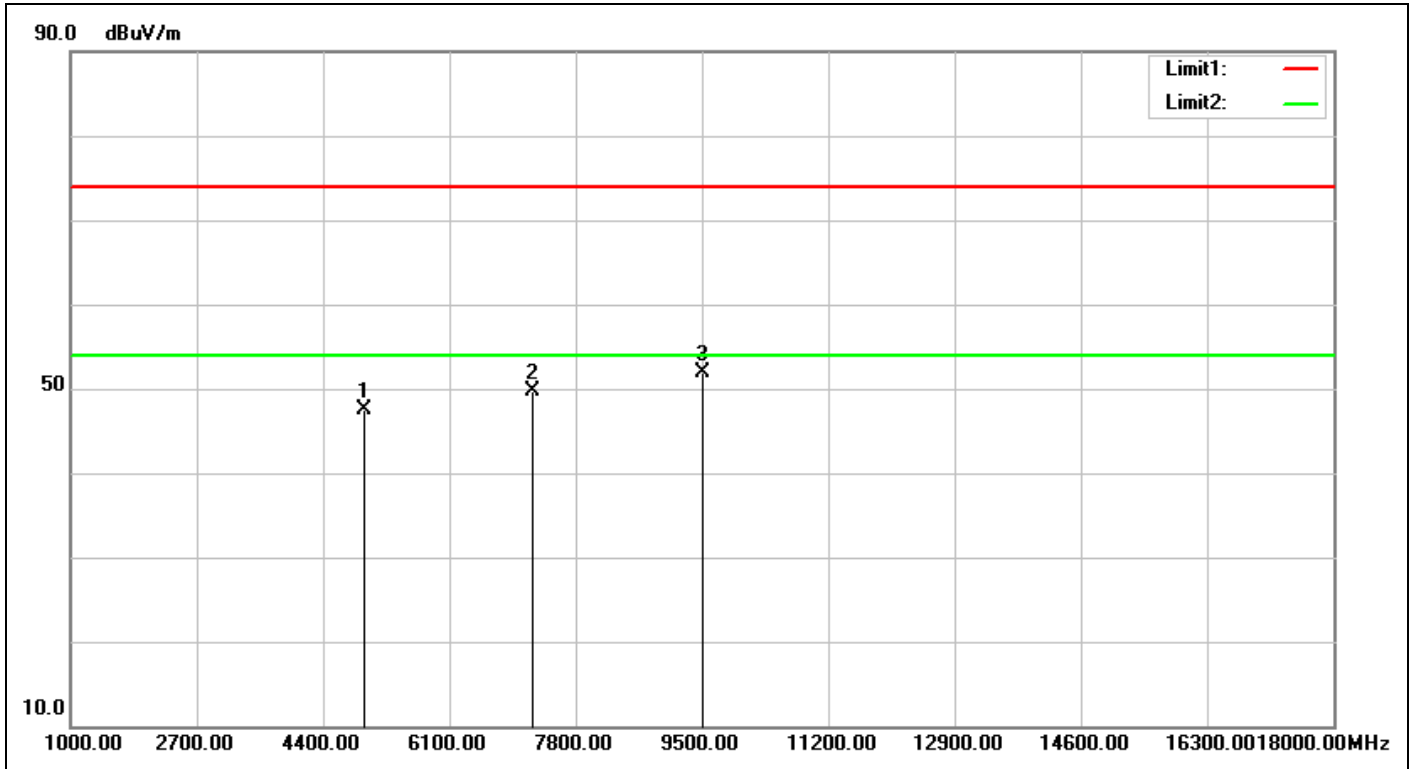
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 21:10:20</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-TX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	25.25	25.00	40.00	-15.00	QP	100	216	
2	136.7000	-7.06	26.54	19.48	43.50	-24.02	QP	100	115	
3	297.7200	-4.62	28.39	23.77	46.00	-22.23	QP	100	192	
4	562.5300	-0.32	29.75	29.43	46.00	-16.57	QP	100	54	
5	839.9500	3.53	28.00	31.53	46.00	-14.47	QP	100	163	
6	960.2300	5.54	27.79	33.33	54.00	-20.67	QP	100	173	

# Spurious Emissions, RX Mode, 1-18G

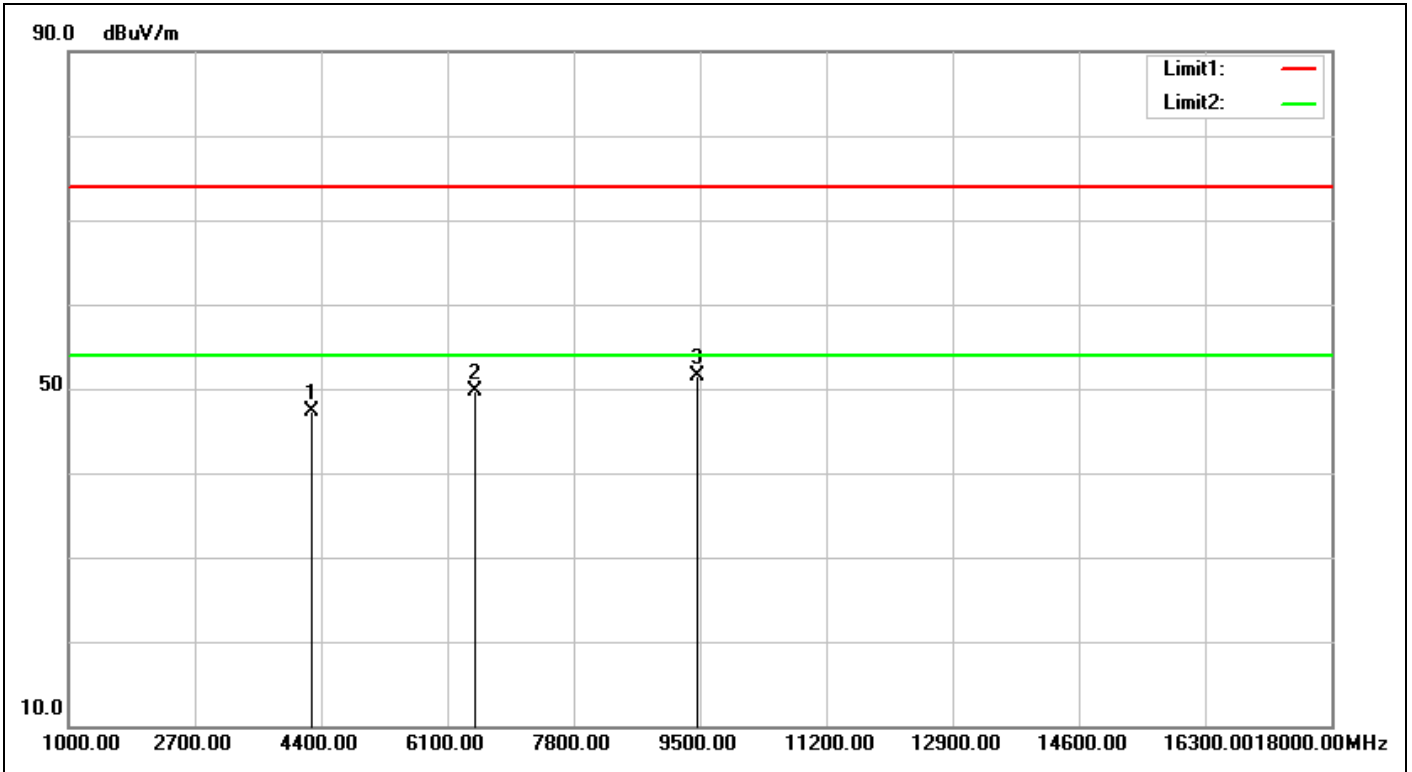


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<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:43:23
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-RX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4944.000	-3.30	50.87	47.57	74.00	-26.43	peak	100	92	
2	7222.000	4.30	45.41	49.71	74.00	-24.29	peak	100	61	
3	9500.000	5.52	46.47	51.99	74.00	-22.01	peak	100	3	



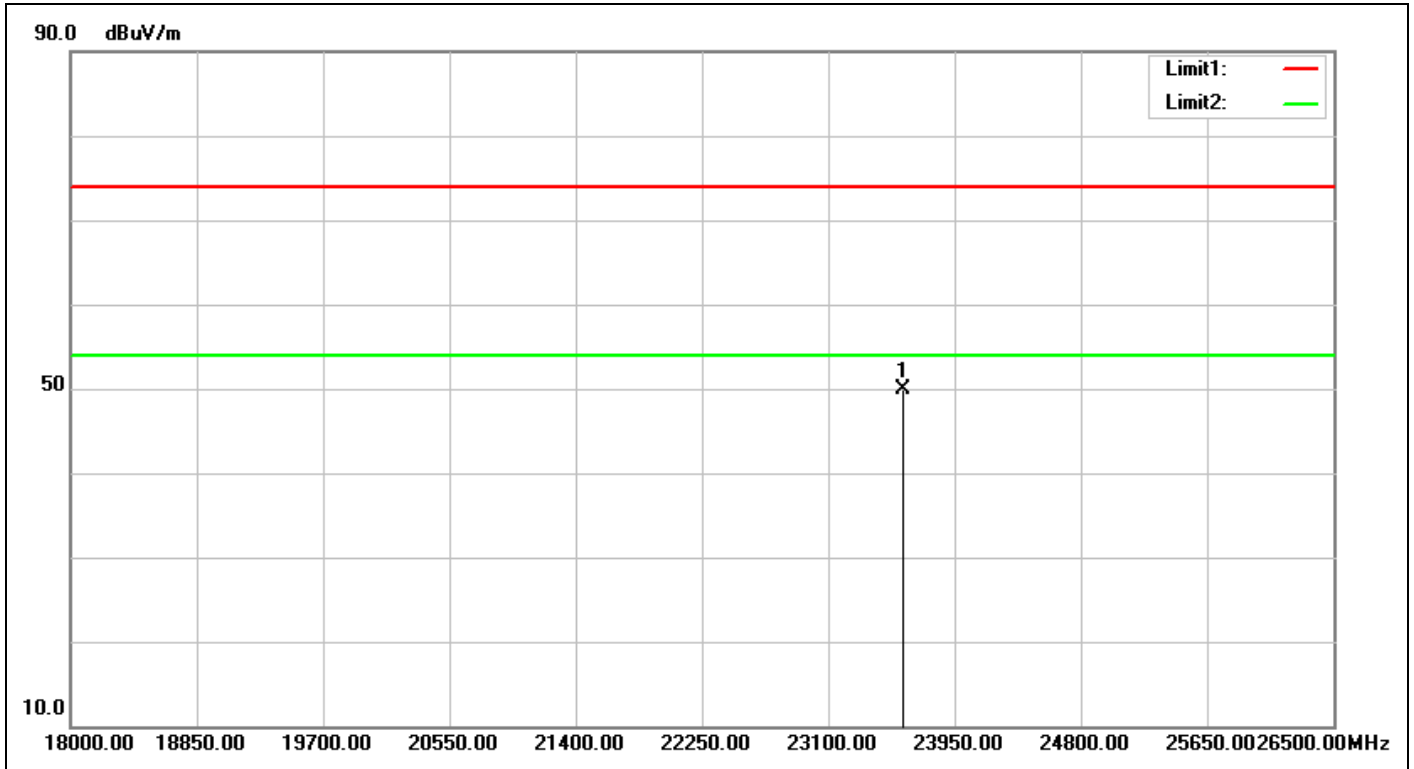
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:44:25</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4264.000	-4.88	52.22	47.34	74.00	-26.66	peak	100	78	
2	6474.000	4.21	45.41	49.62	74.00	-24.38	peak	100	313	
3	9466.000	5.51	46.06	51.57	74.00	-22.43	peak	100	0	

# Spurious Emissions, RX Mode, 18-26G

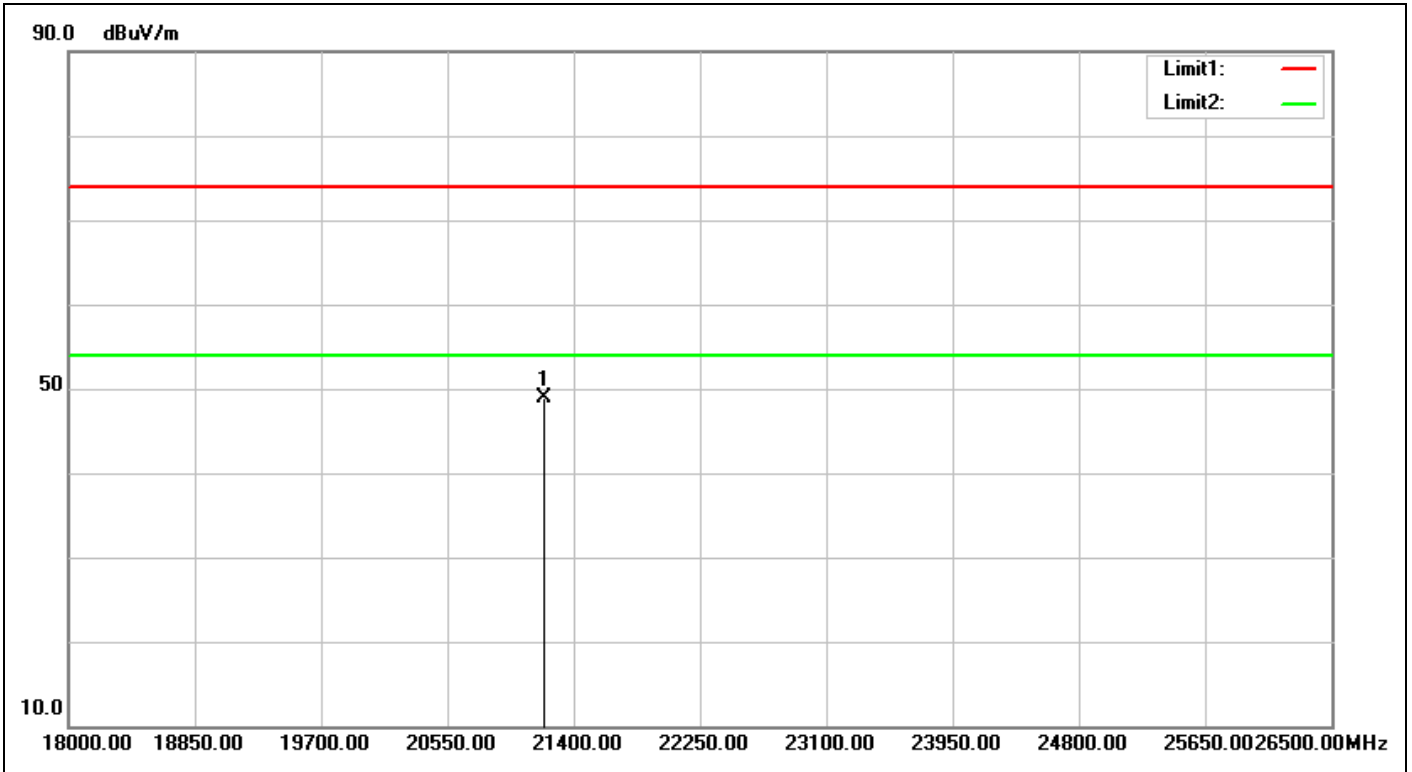


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<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 20:49:59
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-RX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23601.500	32.27	17.58	49.85	74.00	-24.15	peak	100	0	



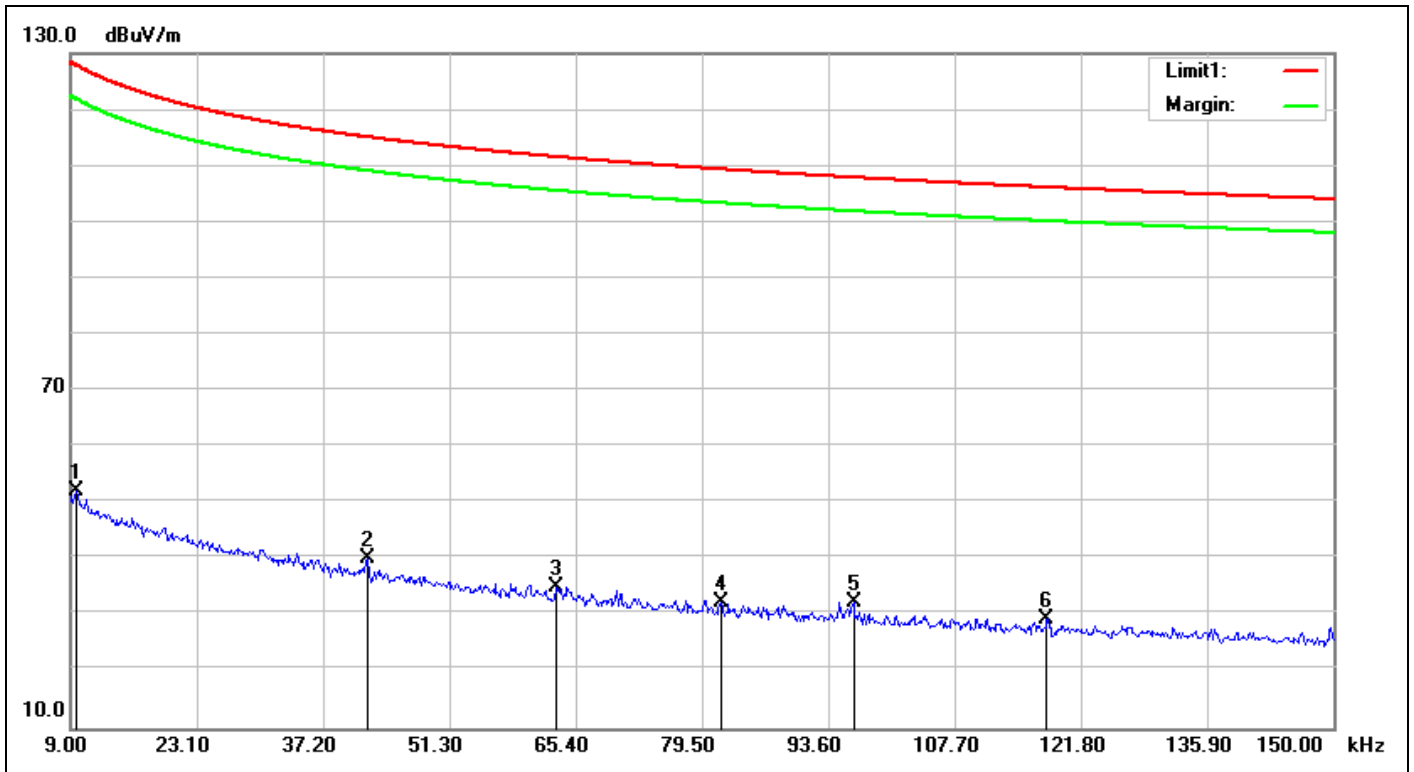
<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:50:06</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21204.500	31.59	17.34	48.93	74.00	-25.07	peak	100	56	

# Spurious Emissions, RX Mode, 9K-1G



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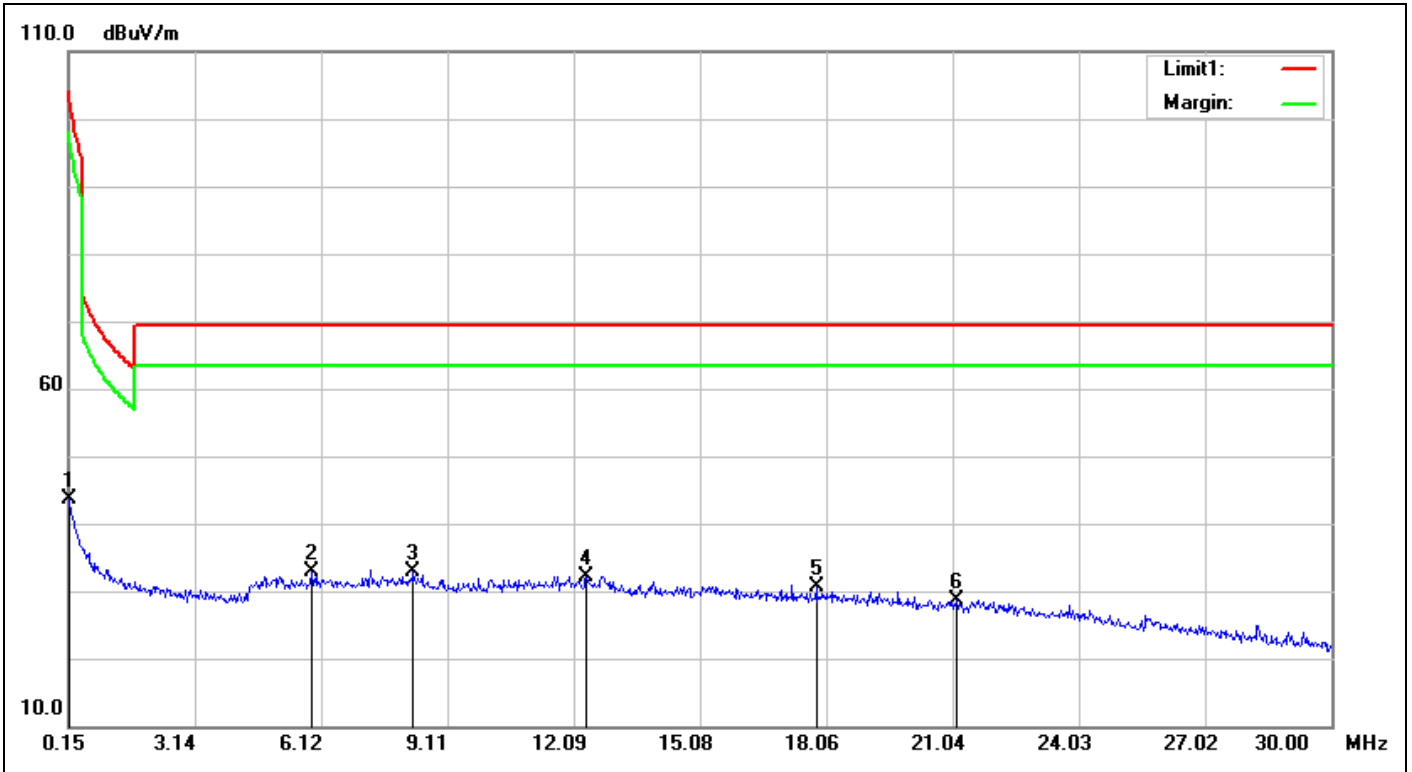


<b>Service No.:</b>	<b>114072238</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC15.209_9k-1G_3m</b>	<b>Ant. Polarization:</b>	
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/12/15 20:59:25</b>
<b>Applicant:</b>	<b>ARESON Technology Corp.</b>	<b>Test Rating:</b>	<b>DC 3V</b>
<b>Product:</b>	<b>2.4GHz Wireless Mouse</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23(°C)/59%</b>
<b>Model No.:</b>	<b>B089MR, B089MR-A, 52851, 52852, 52853, 52854</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2442-RX</b>		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0097	19.81	32.44	52.25	127.85	-75.60	QP	100	59	
2	0.0421	19.71	20.30	40.01	115.11	-75.10	QP	100	251	
3	0.0633	19.35	15.69	35.04	111.57	-76.53	QP	100	27	
4	0.0816	19.24	13.02	32.26	109.36	-77.10	QP	100	142	
5	0.0964	19.15	13.07	32.22	107.91	-75.69	QP	100	182	
6	0.1180	19.11	10.15	29.26	106.16	-76.90	QP	100	102	

# Spurious Emissions, RX Mode, 30M-1G

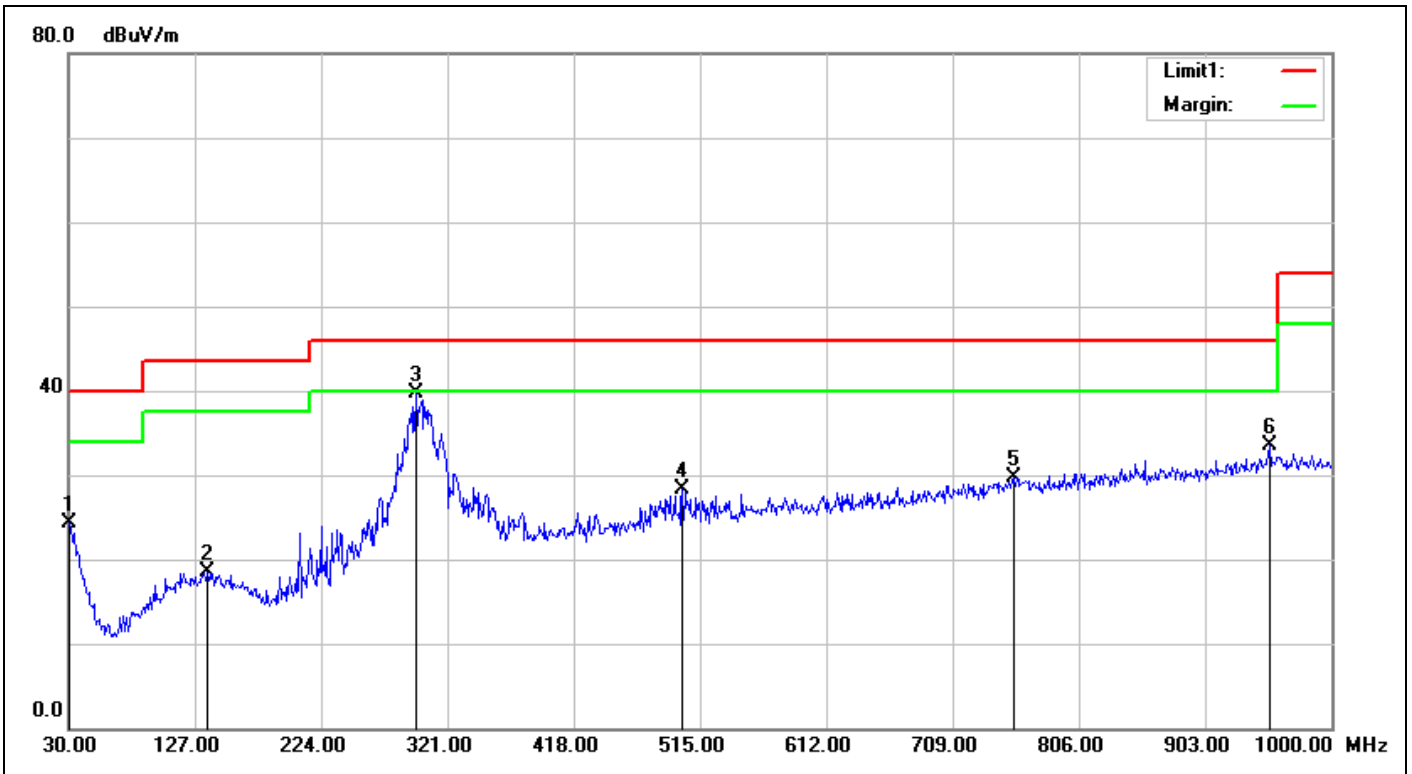




<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC15.209_9k-1G_3m	<b>Ant. Polarization:</b>	
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 21:04:27
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-RX		
<b>Remark:</b>			

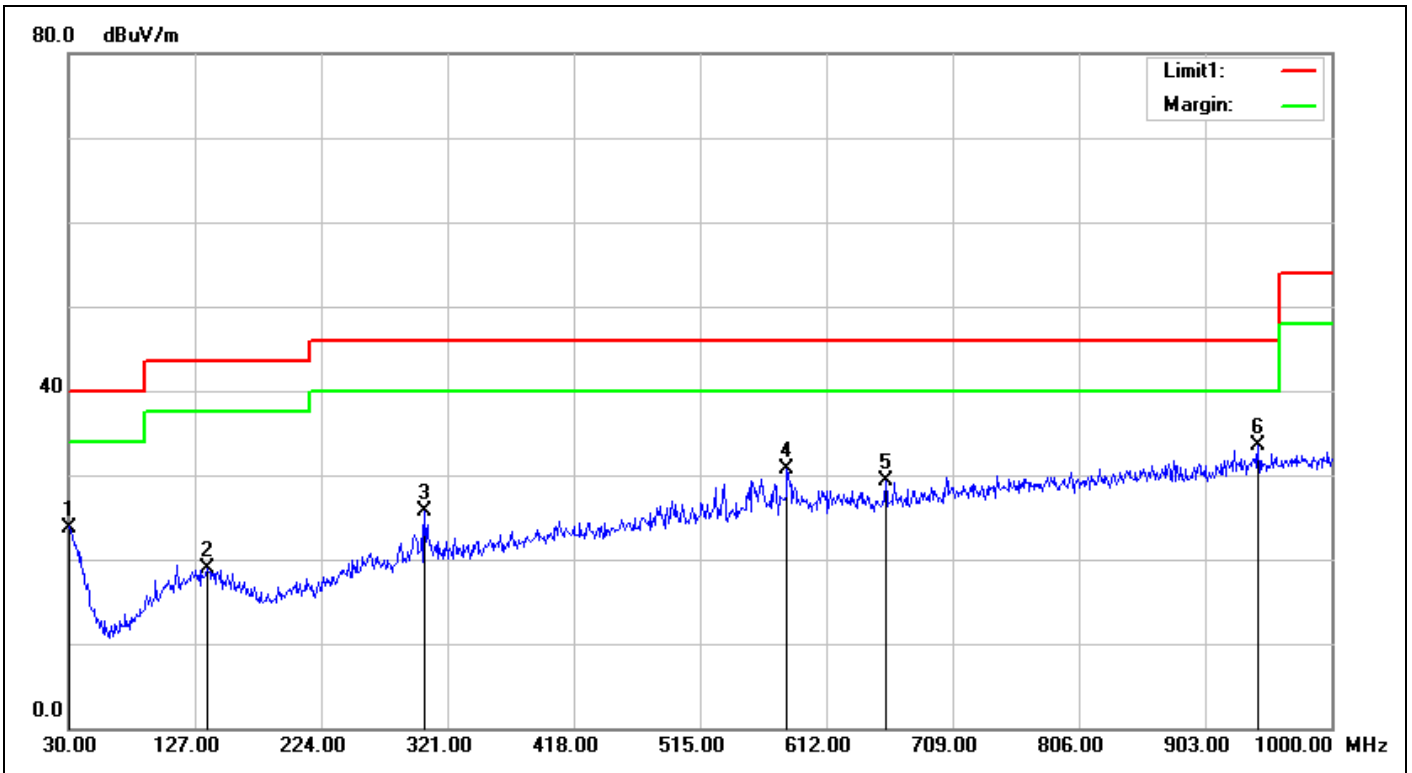
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	19.08	24.62	43.70	104.08	-60.38	QP	100	9	
2	5.8812	19.84	13.13	32.97	69.50	-36.53	QP	100	86	
3	8.2991	20.06	12.86	32.92	69.50	-36.58	QP	100	216	
4	12.3885	20.65	11.54	32.19	69.50	-37.31	QP	100	38	
5	17.8212	21.60	9.01	30.61	69.50	-38.89	QP	100	278	
6	21.1346	22.06	6.53	28.59	69.50	-40.91	QP	100	30	

**Spurious Emissions, RX Mode, 30M-1G**



<b>Service No.:</b>	114072238	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2017/12/15 21:13:26
<b>Applicant:</b>	ARESON Technology Corp.	<b>Test Rating:</b>	DC 3V
<b>Product:</b>	2.4GHz Wireless Mouse	<b>Temp.(°C)/Hum.(%):</b>	23(°C)/59%
<b>Model No.:</b>	B089MR, B089MR-A, 52851, 52852, 52853, 52854	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2442-RX		
<b>Remark:</b>			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.25	24.58	24.33	40.00	-15.67	QP	100	280	
2	136.7000	-7.06	25.51	18.45	43.50	-25.05	QP	100	38	
3	296.7500	-4.65	44.27	39.62	46.00	-6.38	QP	100	296	
4	501.4200	-1.16	29.56	28.40	46.00	-17.60	QP	100	57	
5	756.5300	2.42	27.34	29.76	46.00	-16.24	QP	100	317	
6	952.4700	5.50	28.08	33.58	46.00	-12.42	QP	100	274	



Service No.:	114072238	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/12/15 21:14:30
Applicant:	ARESON Technology Corp.	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	23(°C)/59%
Model No.:	B089MR, B089MR-A, 52851, 52852, 52853, 52854	Test Engineer:	George Yang
Test Mode:	2442-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.9700	-0.79	24.59	23.80	40.00	-16.20	QP	100	1	
2	136.7000	-7.06	25.91	18.85	43.50	-24.65	QP	100	330	
3	303.5400	-4.47	30.24	25.77	46.00	-20.23	QP	100	232	
4	581.9300	-0.12	30.83	30.71	46.00	-15.29	QP	100	35	
5	657.5900	0.64	28.71	29.35	46.00	-16.65	QP	100	11	
6	943.7400	5.31	28.12	33.43	46.00	-12.57	QP	100	168	