

Test Report No.50091281 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50091281AppendixD)

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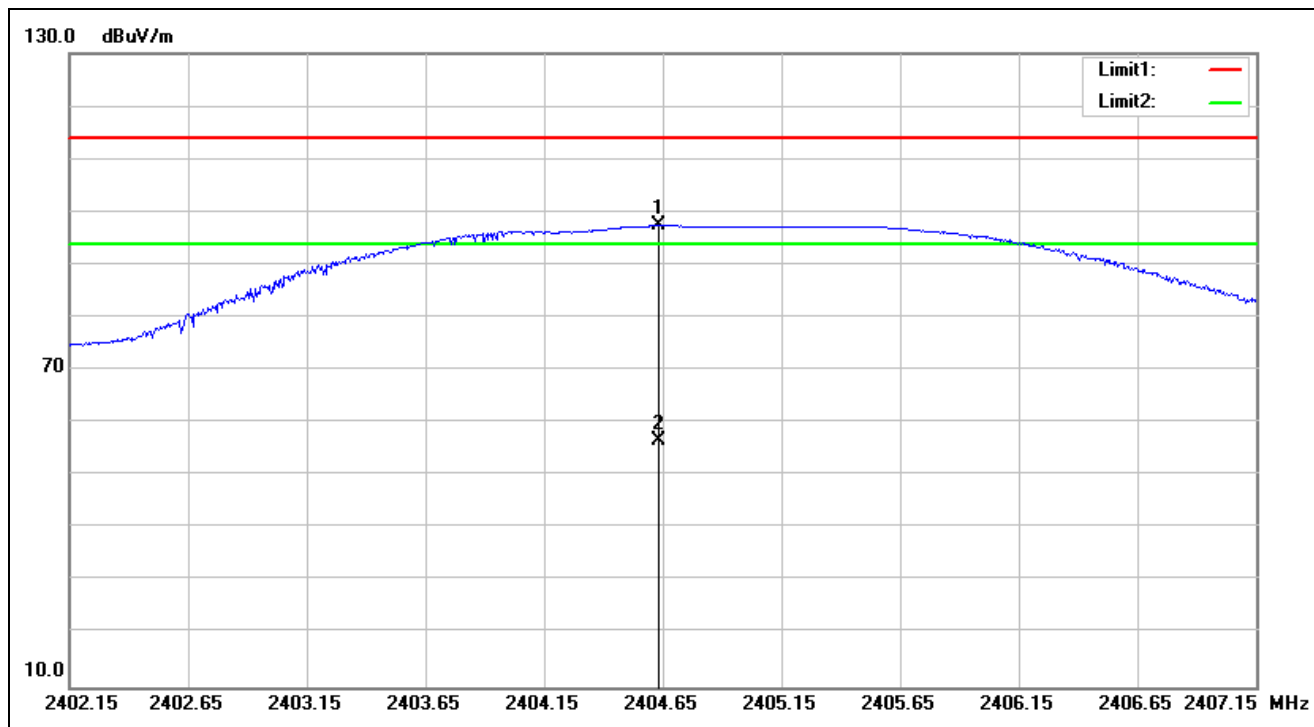
Radiated Emissions, Fundamental and Band Edges



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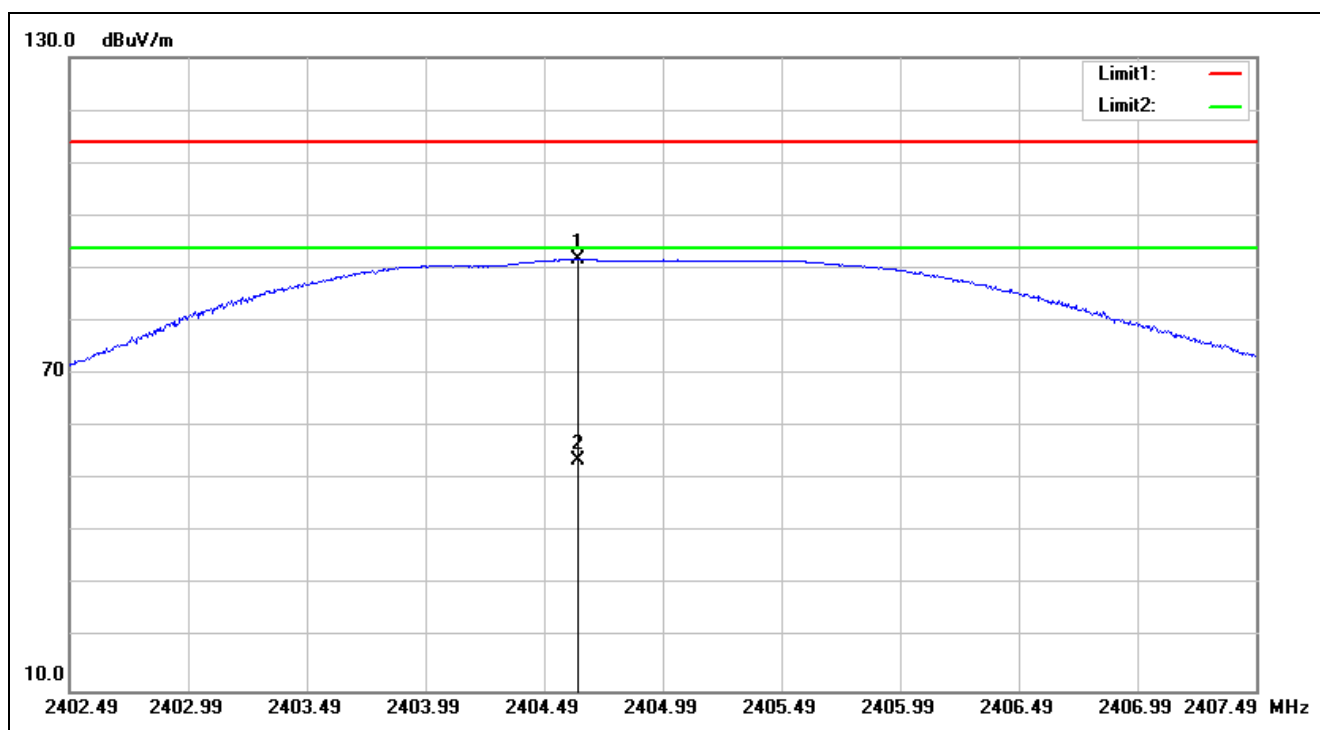
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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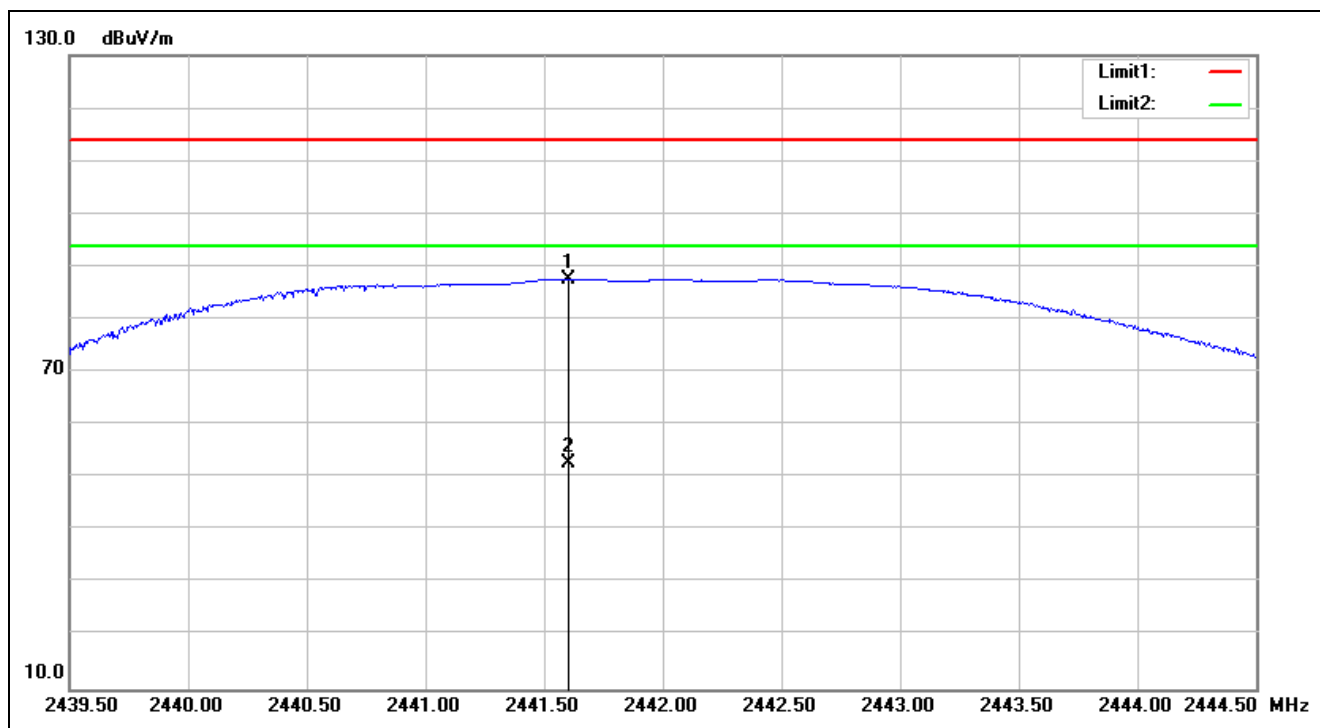
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:15:19
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2405		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2404.633	-5.87	103.21	97.34	114.00	-16.66	peak	100	236	
2	2404.633	-5.87	62.52	56.65	94.00	-37.35	AVG	100	236	



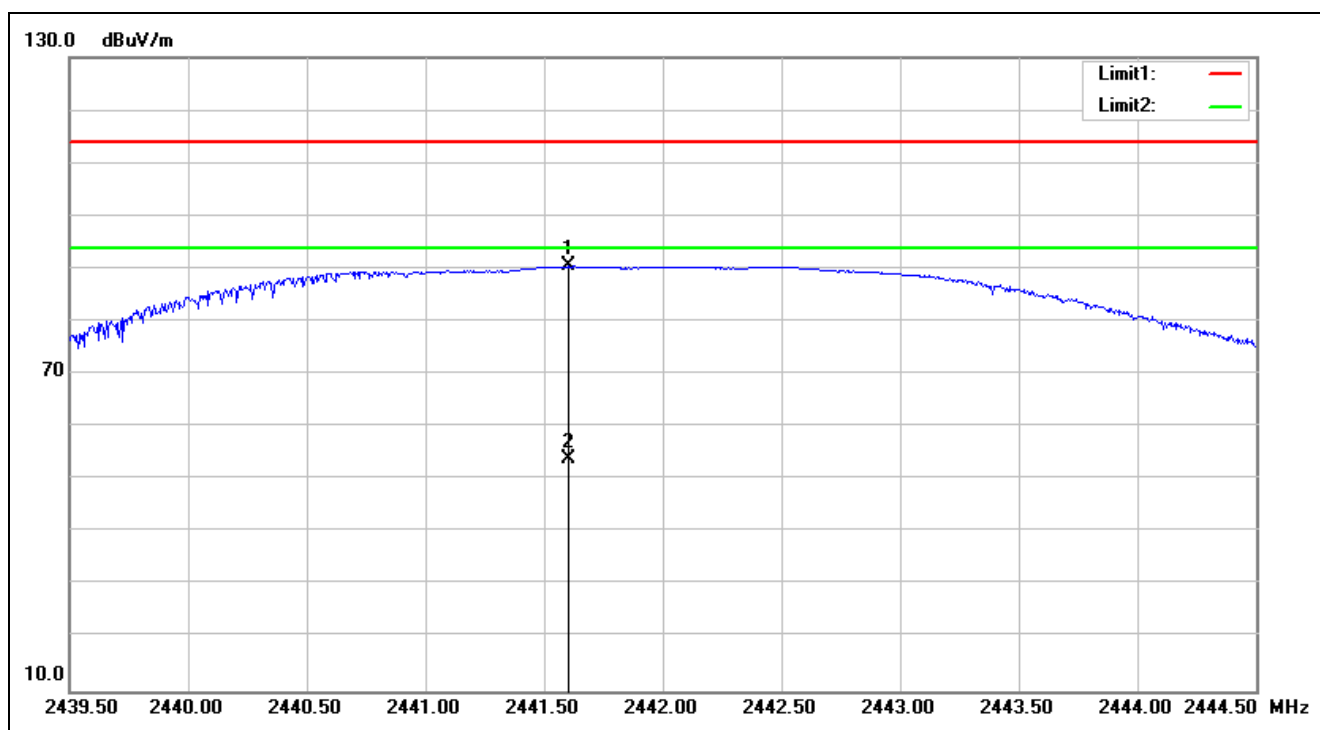
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Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 14:13:26
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2405		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2404.637	-5.87	97.55	91.68	114.00	-22.32	peak	118	176	
2	2404.637	-5.87	59.44	53.57	94.00	-40.43	AVG	118	176	



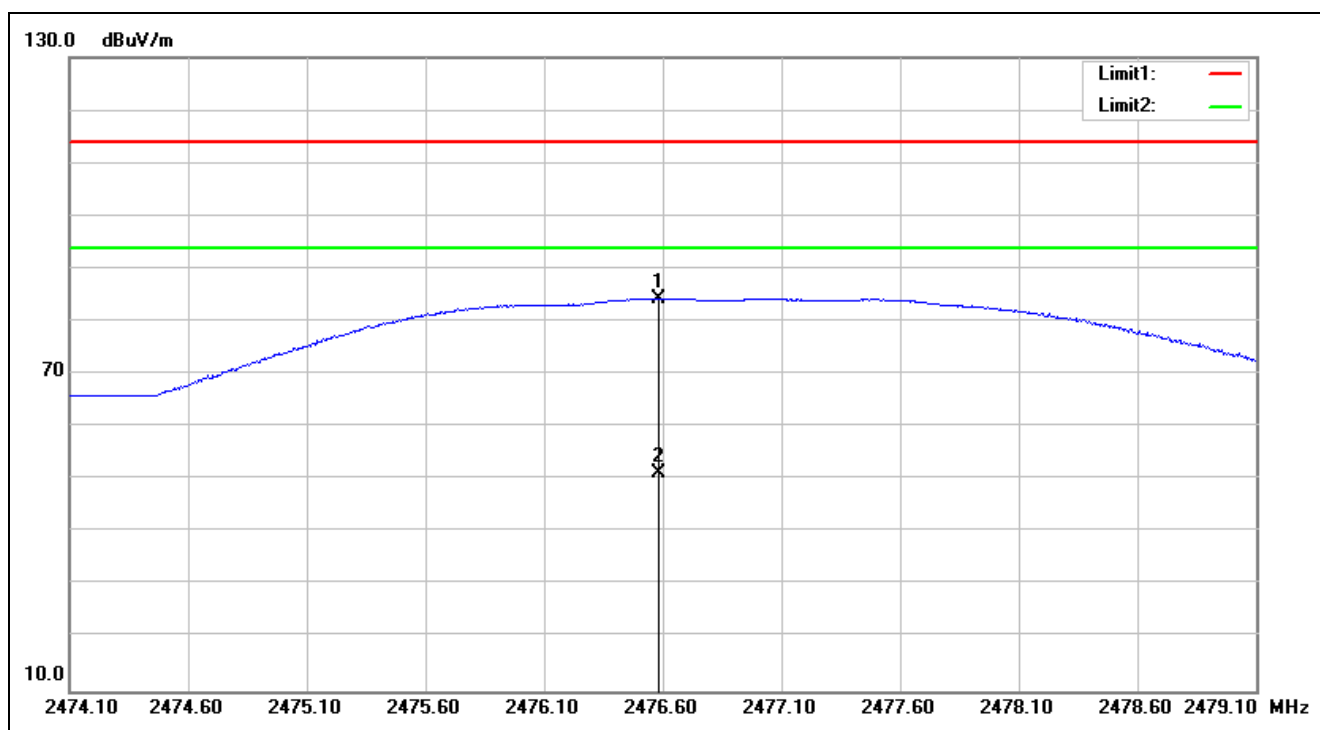
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Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:31:38
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.600	-5.85	93.47	87.62	114.00	-26.38	peak	108	189	
2	2441.600	-5.85	58.71	52.86	94.00	-41.14	AVG	108	189	



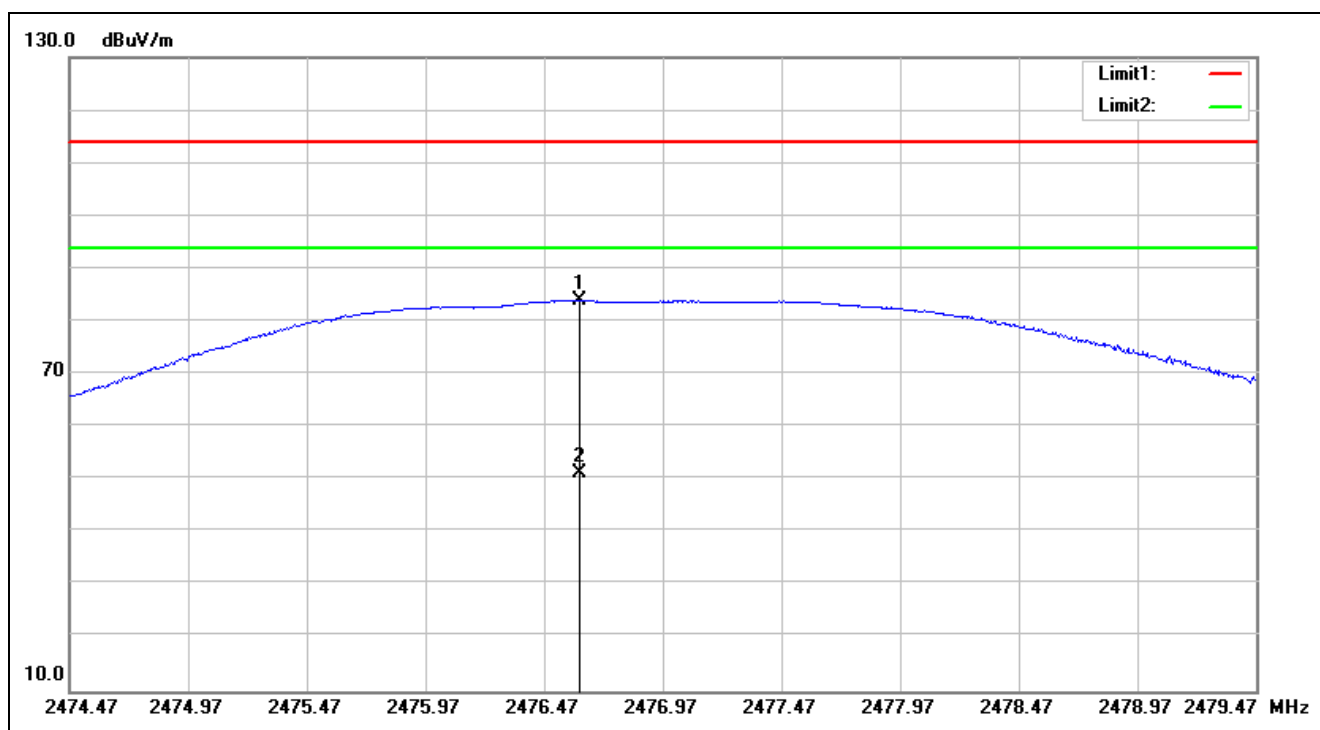
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Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:27:42
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.600	-5.85	96.25	90.40	114.00	-23.60	peak	100	228	
2	2441.600	-5.85	59.79	53.94	94.00	-40.06	AVG	100	228	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:34:07
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2477		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2476.585	-5.83	90.19	84.36	114.00	-29.64	peak	100	162	
2	2476.585	-5.83	57.08	51.25	94.00	-42.75	AVG	100	162	

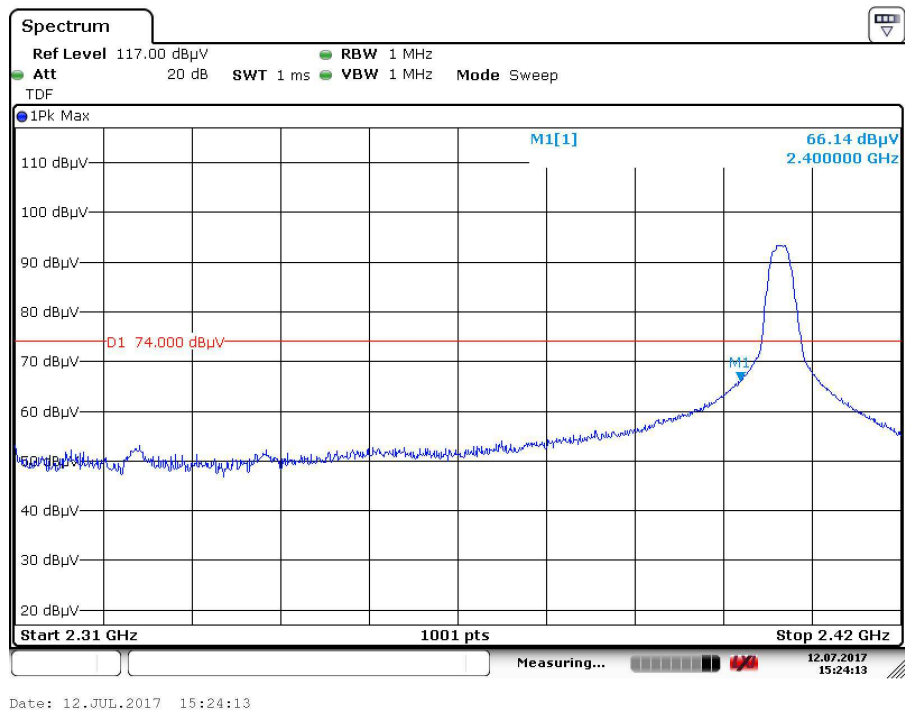
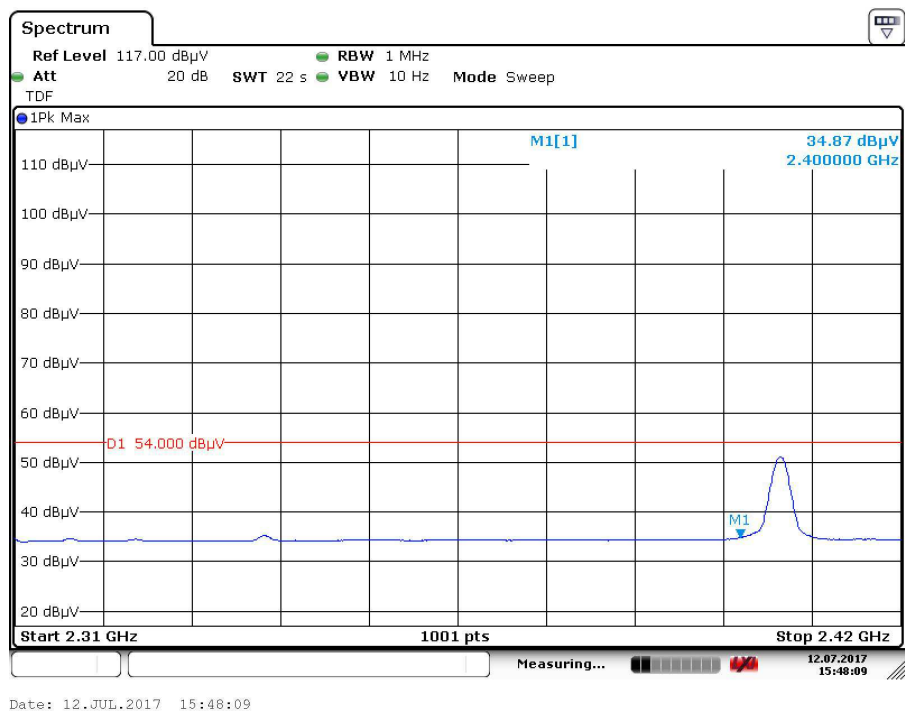


Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC 15.249_3m PK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 14:37:54
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	2477		
Remark:			

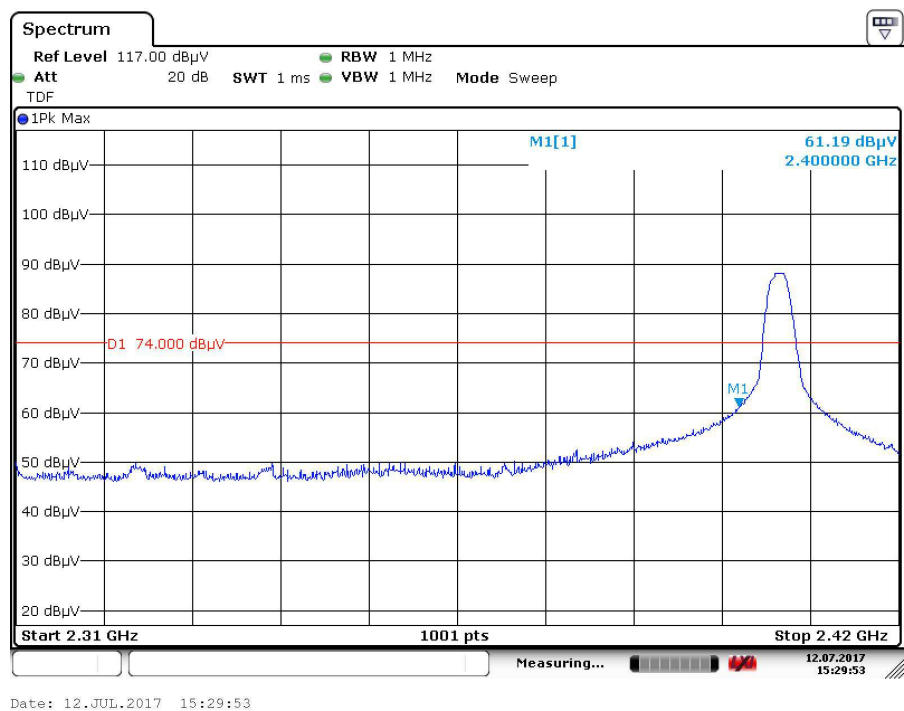
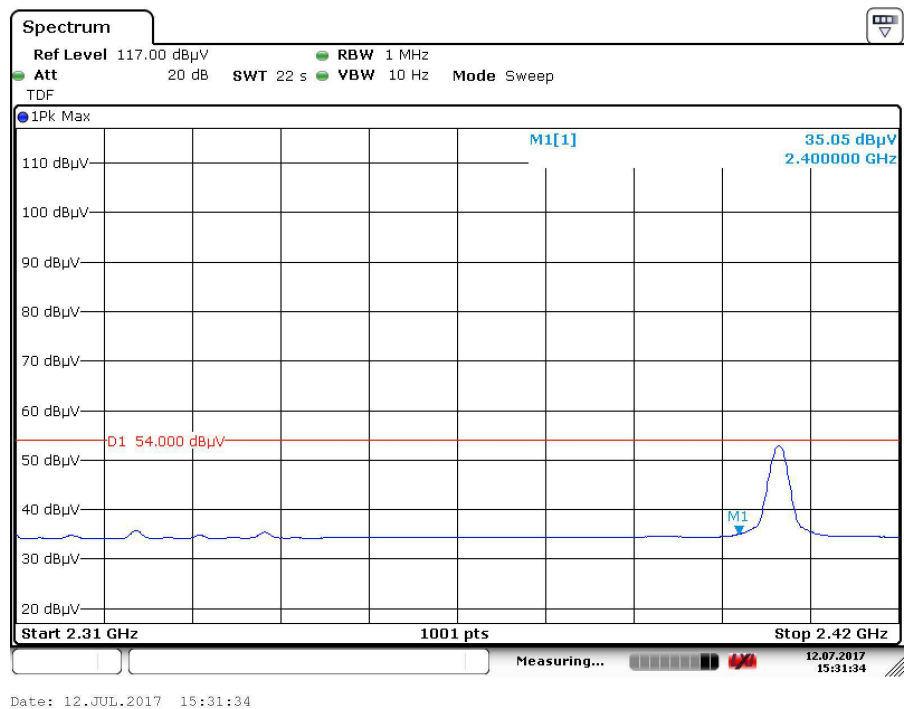
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2476.619	-5.83	89.72	83.89	114.00	-30.11	peak	100	172	
2	2476.619	-5.83	57.10	51.27	94.00	-42.73	AVG	100	172	

Radiated Bandedge

Low Channel (Hor)

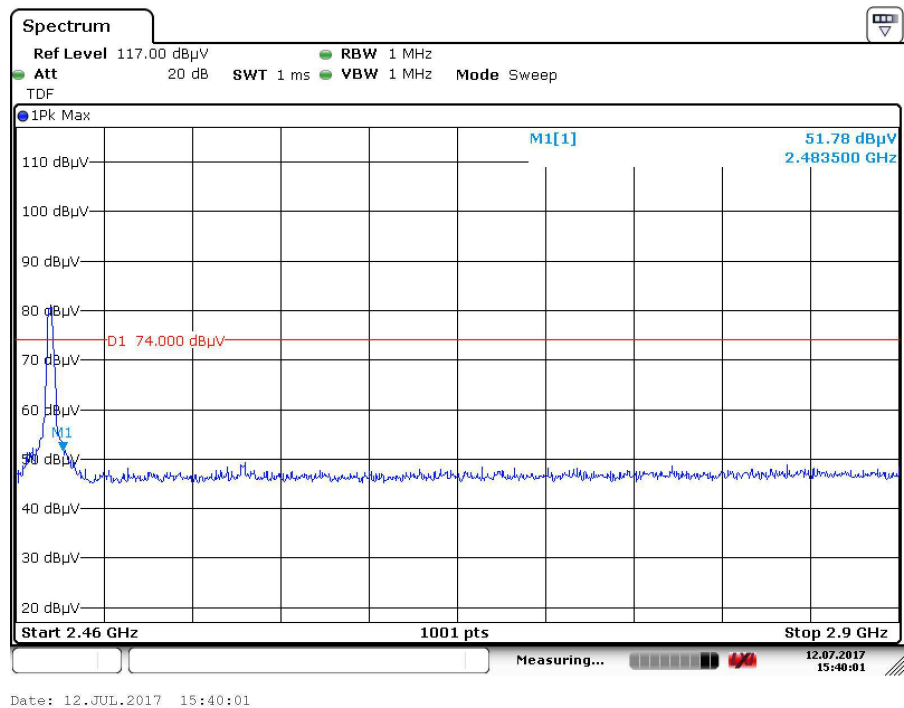
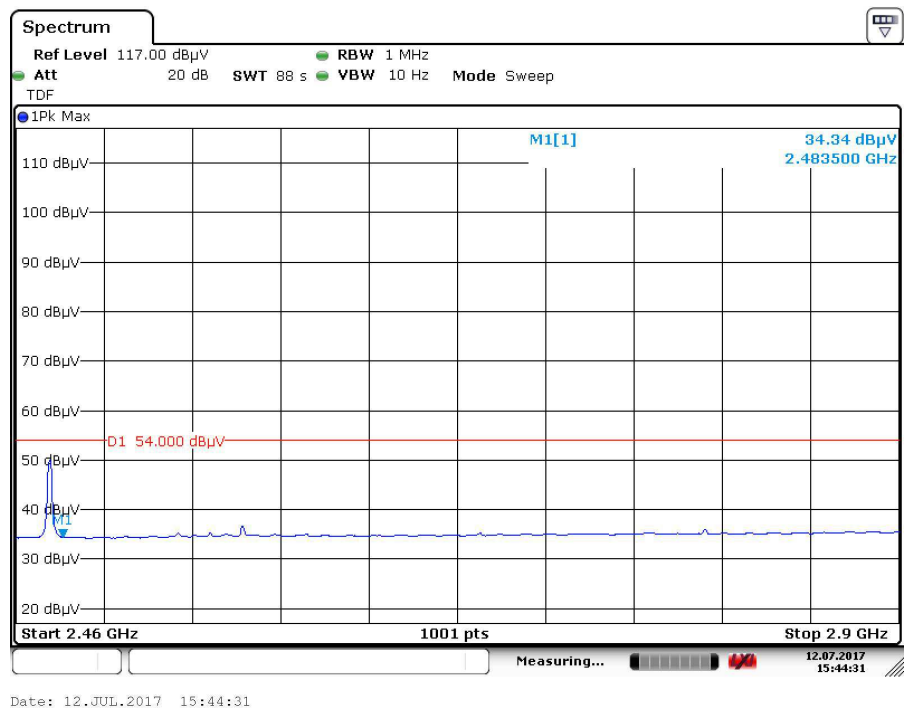


Low Channel (Ver)

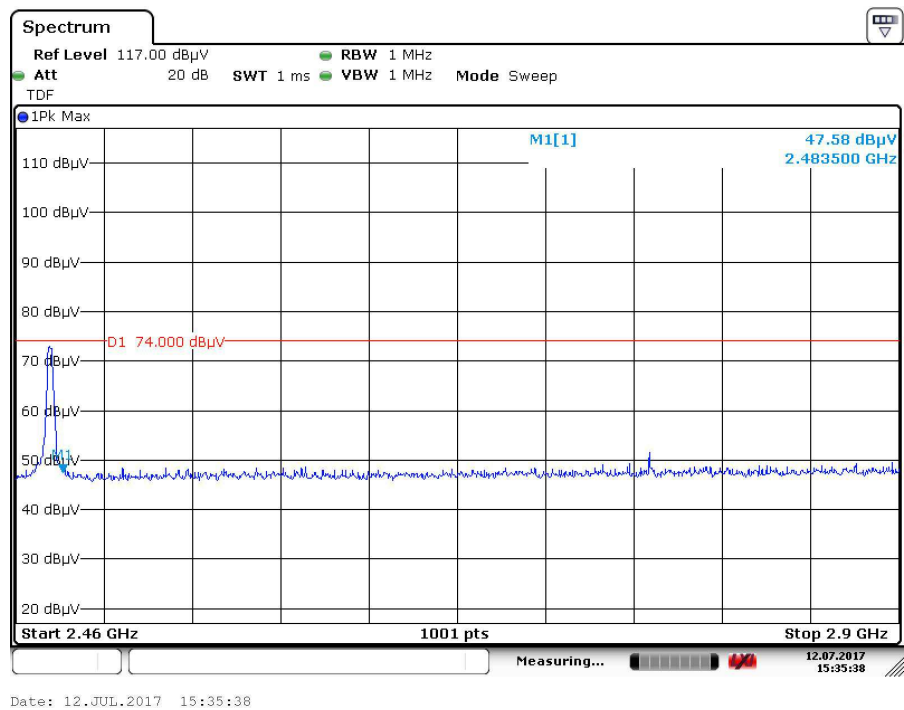
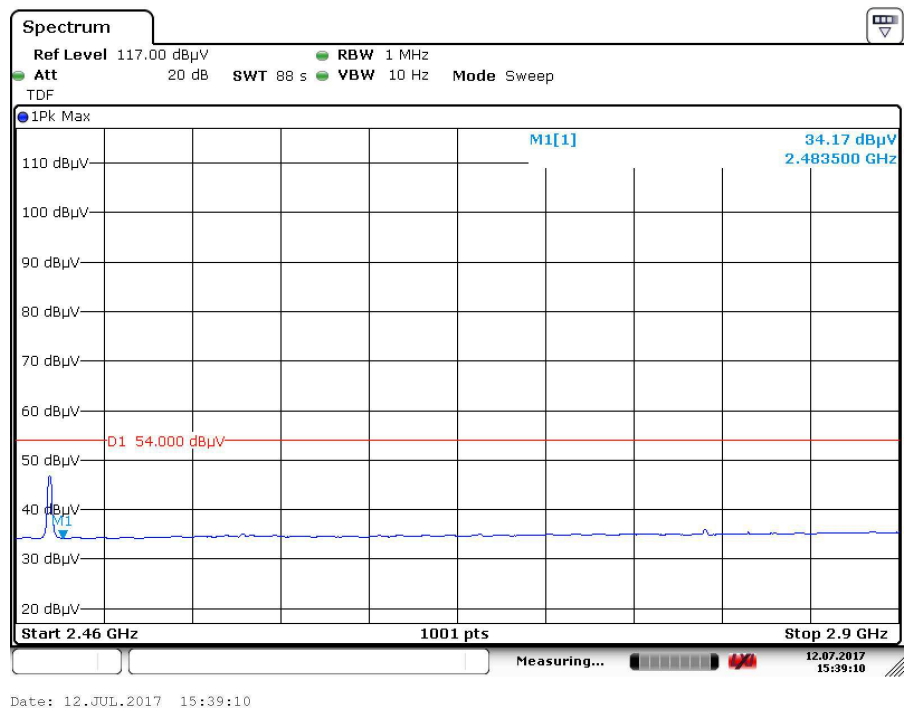


Radiated Bandedge

High Channel (Hor)



High Channel (Ver)



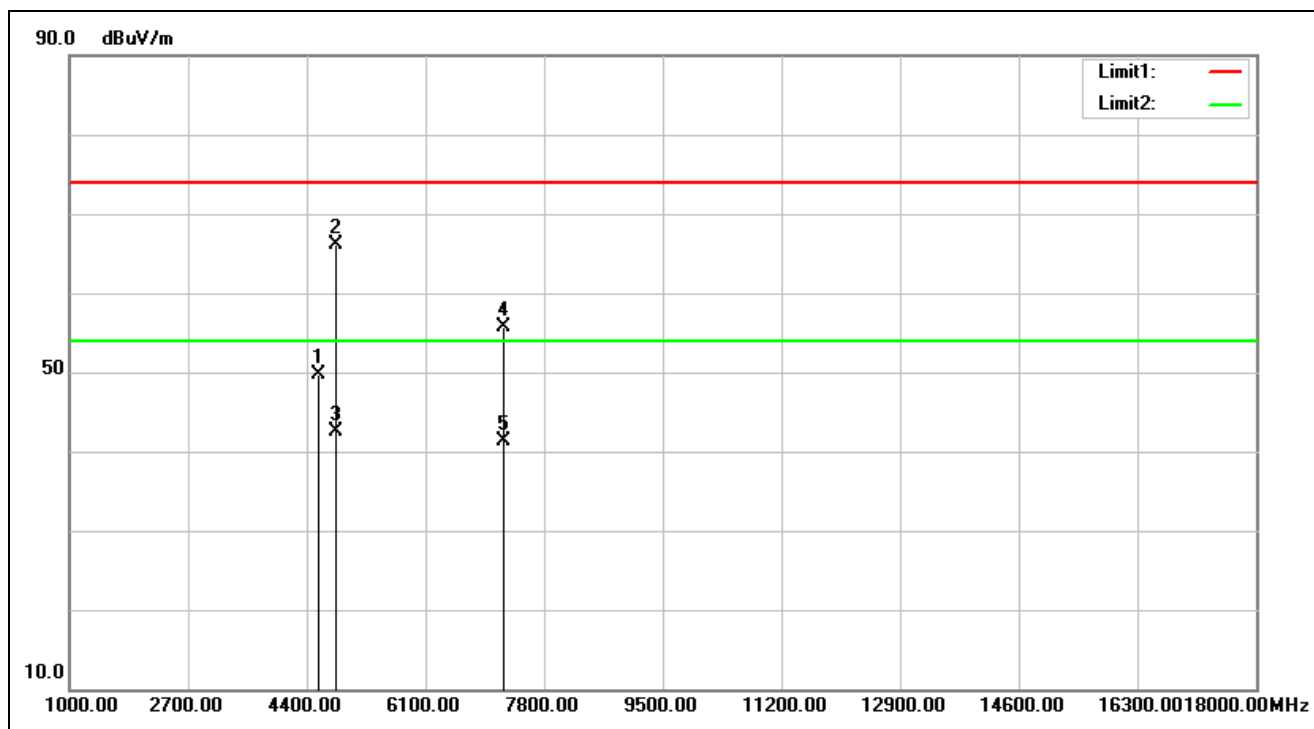
Spurious Emissions, TX Mode, 1-18G



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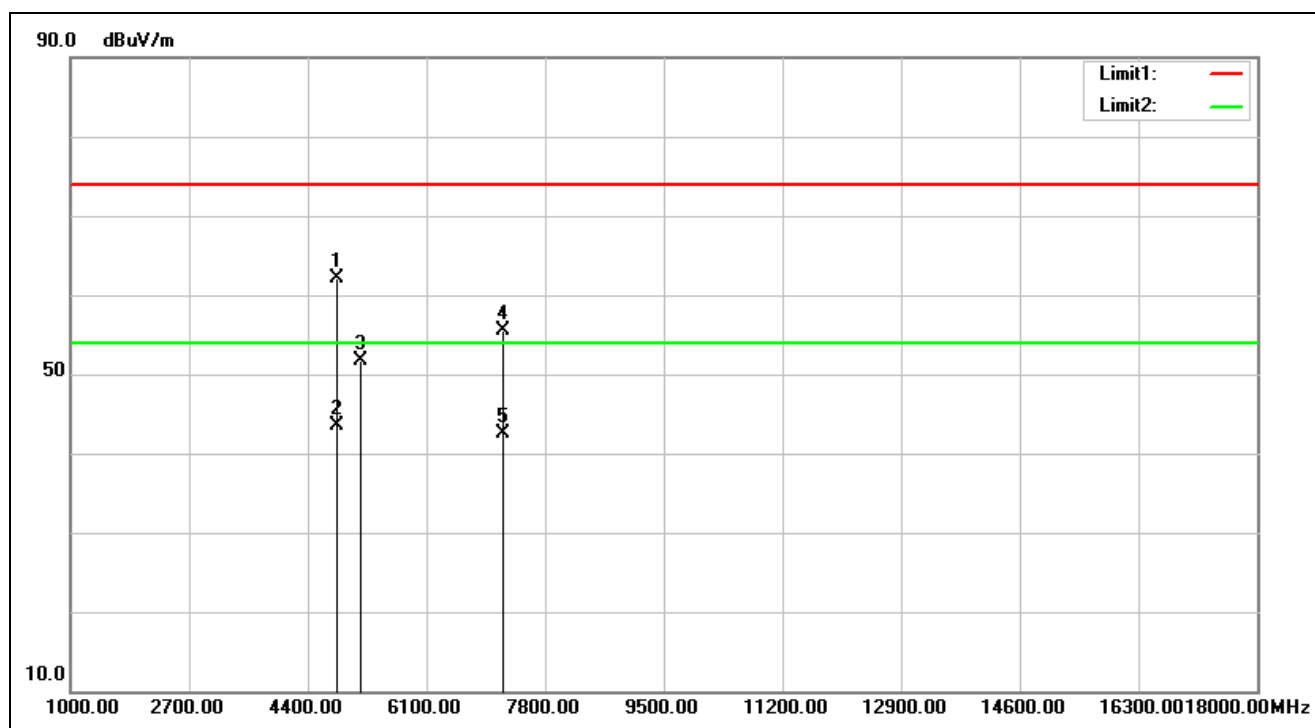
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:58:09
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%) :	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
Remark:			

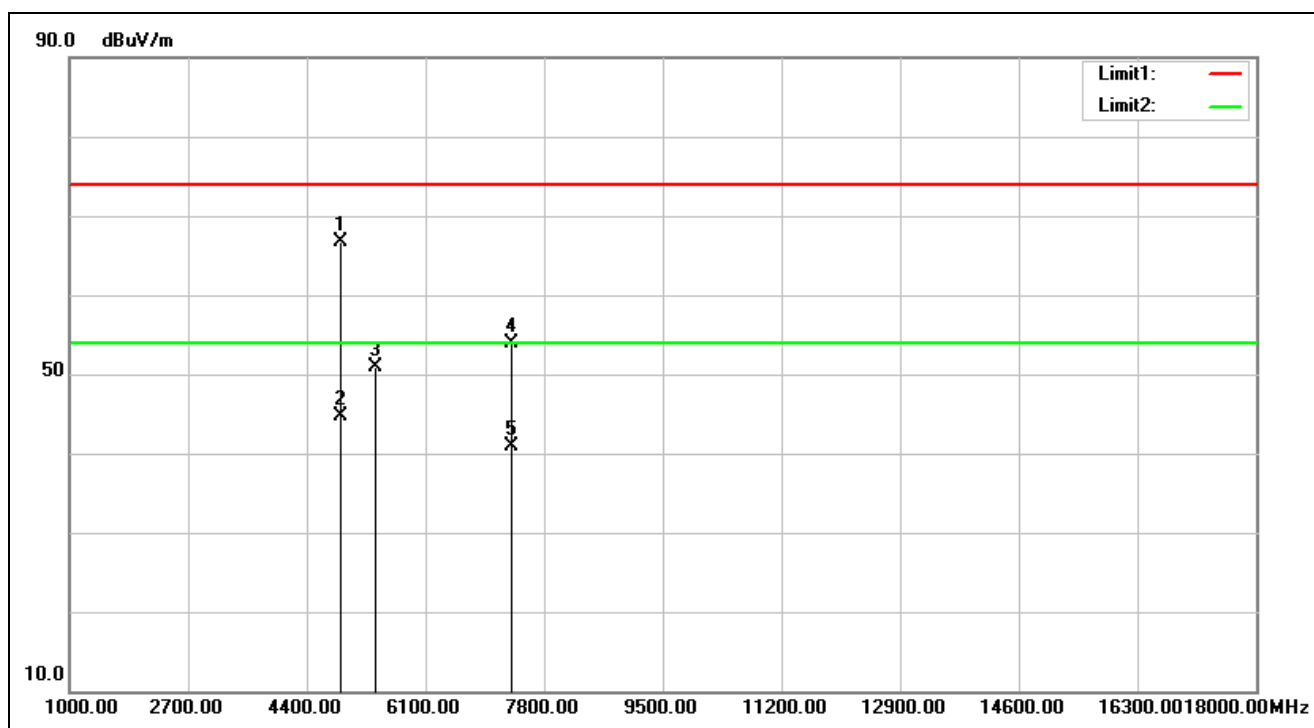
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4570.000	-0.27	50.02	49.75	74.00	-24.25	peak	100	128	
2	4810.000	0.45	65.68	66.13	74.00	-7.87	peak	100	134	
3	4810.000	0.45	41.99	42.44	54.00	-11.56	AVG	100	134	
4	7215.000	9.14	46.52	55.66	74.00	-18.34	peak	100	357	
5	7215.000	9.14	32.22	41.36	54.00	-12.64	AVG	100	357	

Spurious Emissions, TX Mode, 1-18G



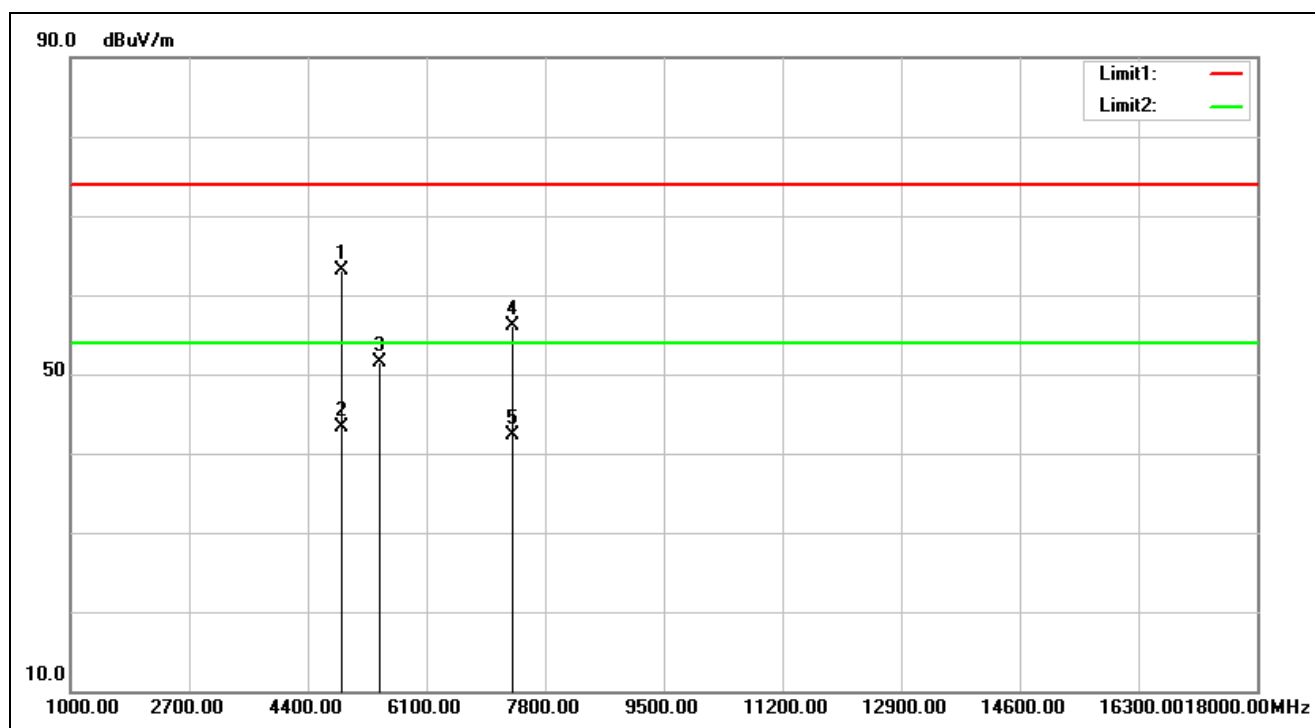
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 14:59:12
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4810.000	0.45	61.60	62.05	74.00	-11.95	peak	100	183	
2	4810.000	0.45	43.10	43.55	54.00	-10.45	AVG	100	183	
3	5148.000	1.77	50.00	51.77	74.00	-22.23	peak	100	282	
4	7215.000	9.14	46.45	55.59	74.00	-18.41	peak	100	282	
5	7215.000	9.14	33.35	42.49	54.00	-11.51	AVG	100	282	



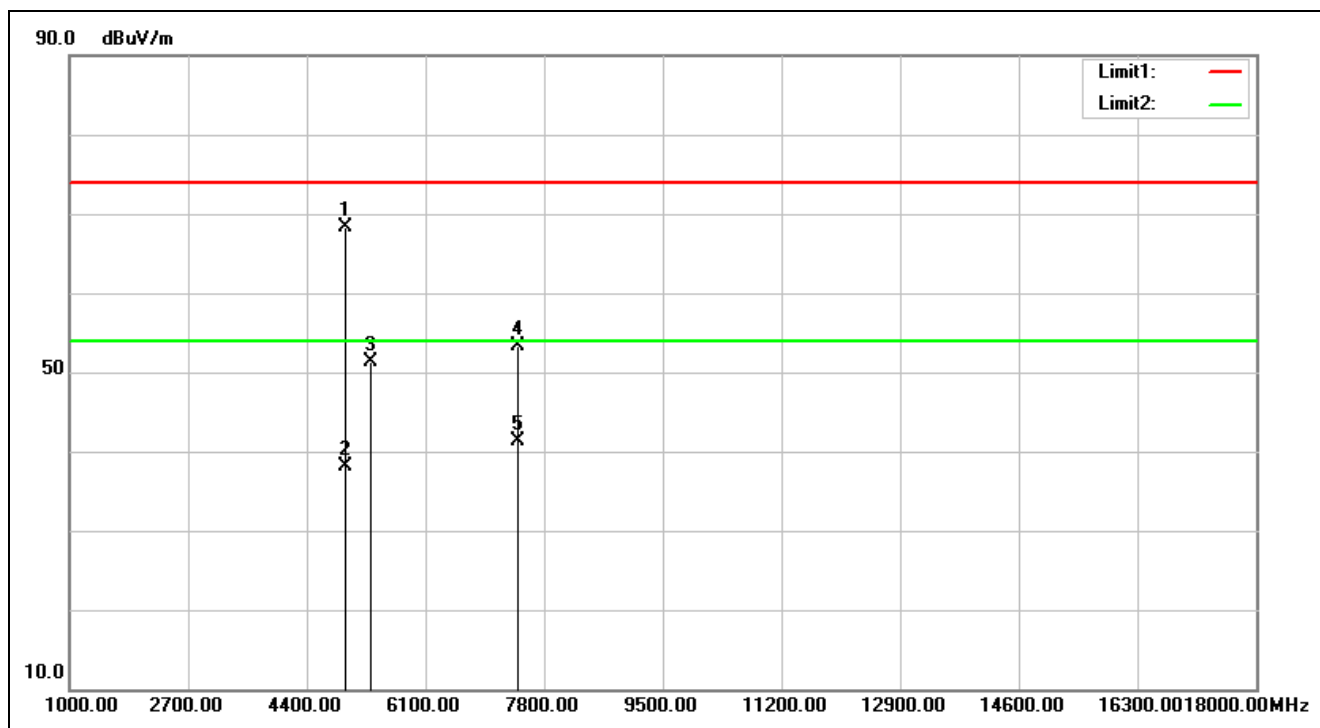
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 15:08:09
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	0.68	66.07	66.75	74.00	-7.25	peak	100	143	
2	4884.000	0.68	44.00	44.68	54.00	-9.32	AVG	100	143	
3	5386.000	2.94	47.89	50.83	74.00	-23.17	peak	100	3	
4	7326.000	9.45	44.50	53.95	74.00	-20.05	peak	100	27	
5	7326.000	9.45	31.43	40.88	54.00	-13.12	AVG	100	27	



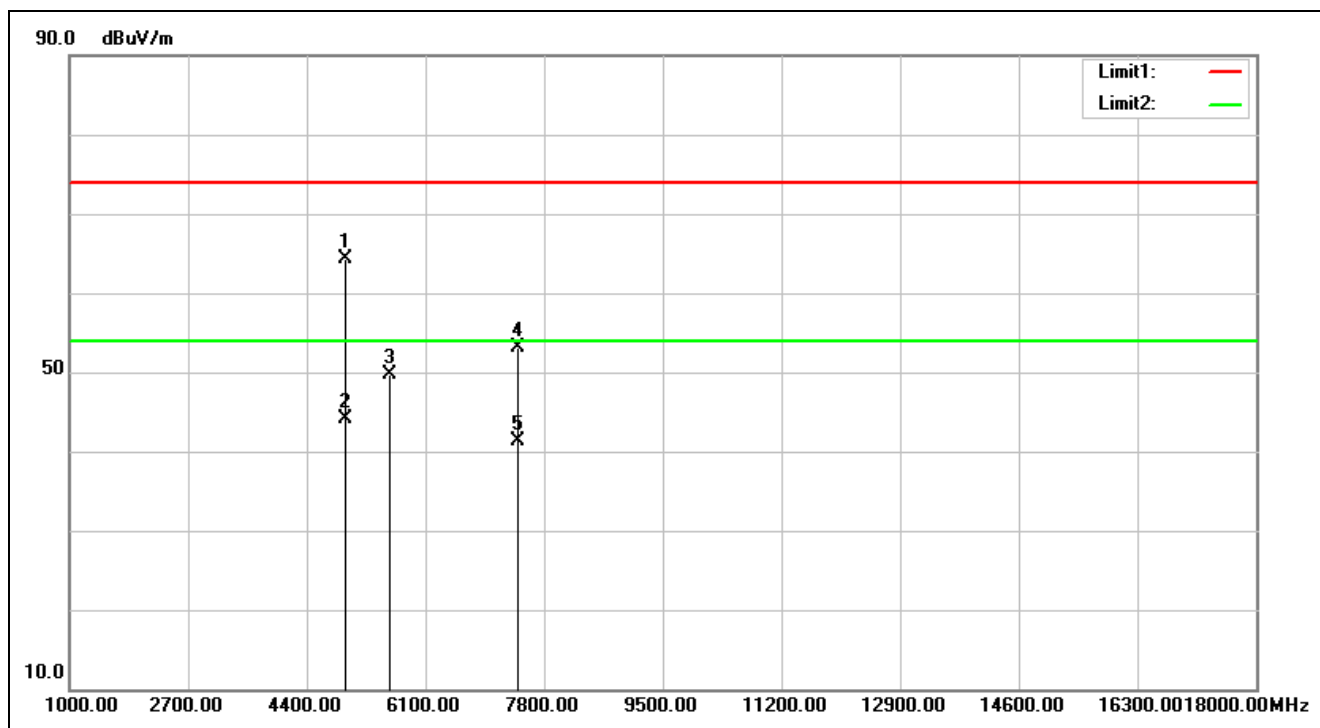
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Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 15:09:12
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4884.000	0.68	62.52	63.20	74.00	-10.80	peak	100	184	
2	4884.000	0.68	42.67	43.35	54.00	-10.65	AVG	100	184	
3	5437.000	3.20	48.21	51.41	74.00	-22.59	peak	100	106	
4	7326.000	9.45	46.58	56.03	74.00	-17.97	peak	100	153	
5	7326.000	9.45	32.86	42.31	54.00	-11.69	AVG	100	153	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 14:46:04
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4954.000	0.90	67.41	68.31	74.00	-5.69	peak	100	139	
2	4954.000	0.90	37.28	38.18	54.00	-15.82	AVG	100	139	
3	5318.000	2.60	48.67	51.27	74.00	-22.73	peak	100	170	
4	7431.000	9.76	43.63	53.39	74.00	-20.61	peak	100	39	
5	7431.000	9.76	31.45	41.21	54.00	-12.79	AVG	100	39	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 14:47:06
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4954.000	0.90	63.48	64.38	74.00	-9.62	peak	100	196	
2	4954.000	0.90	43.15	44.05	54.00	-9.95	AVG	100	196	
3	5590.000	4.13	45.67	49.80	74.00	-24.20	peak	100	182	
4	7431.000	9.76	43.31	53.07	74.00	-20.93	peak	100	174	
5	7431.000	9.76	31.54	41.30	54.00	-12.70	AVG	100	174	

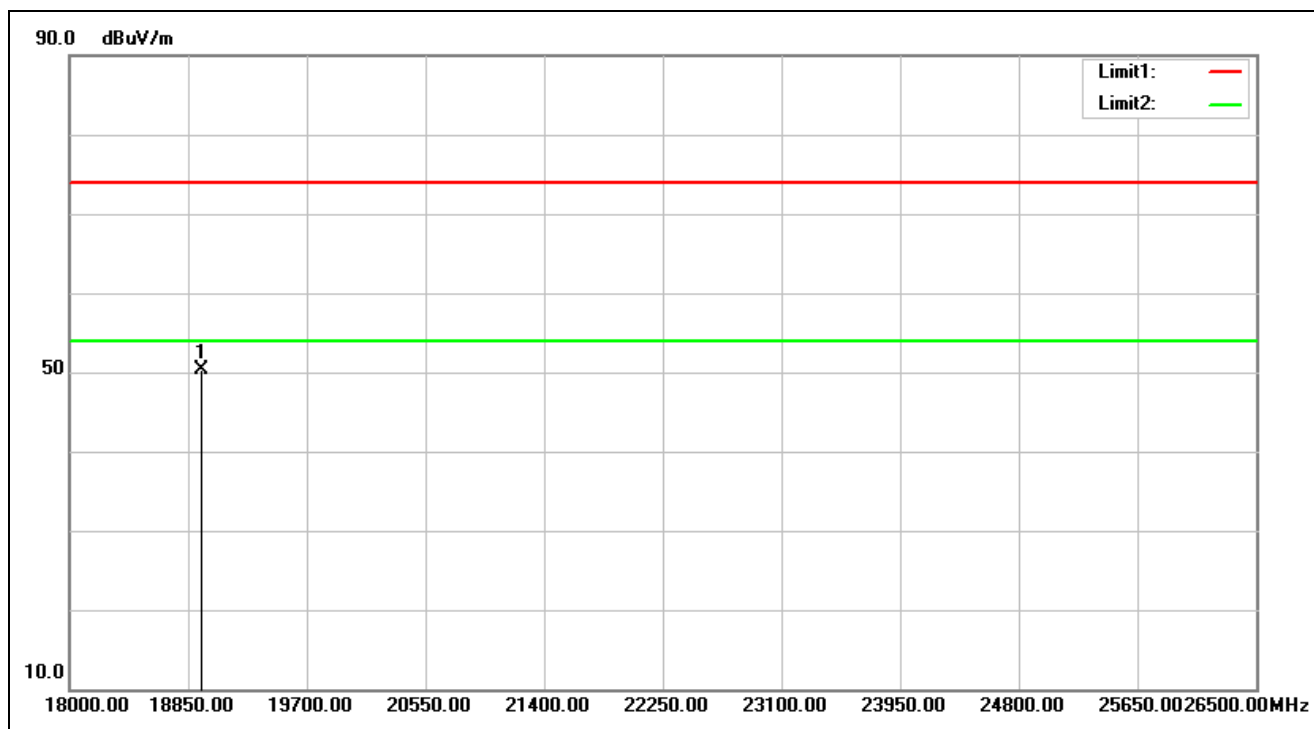
Spurious Emissions, TX Mode, 18-26G



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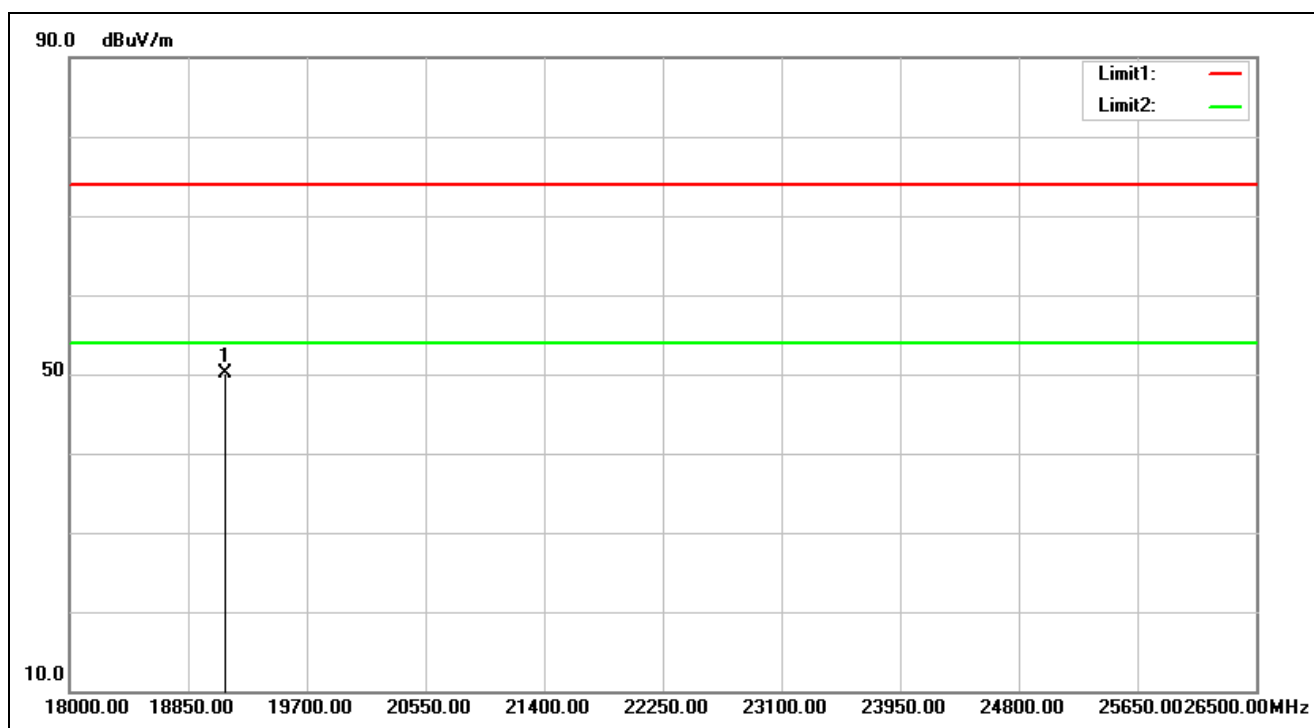
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Tel:+886-2172-7000 fax:+886-2528-0018



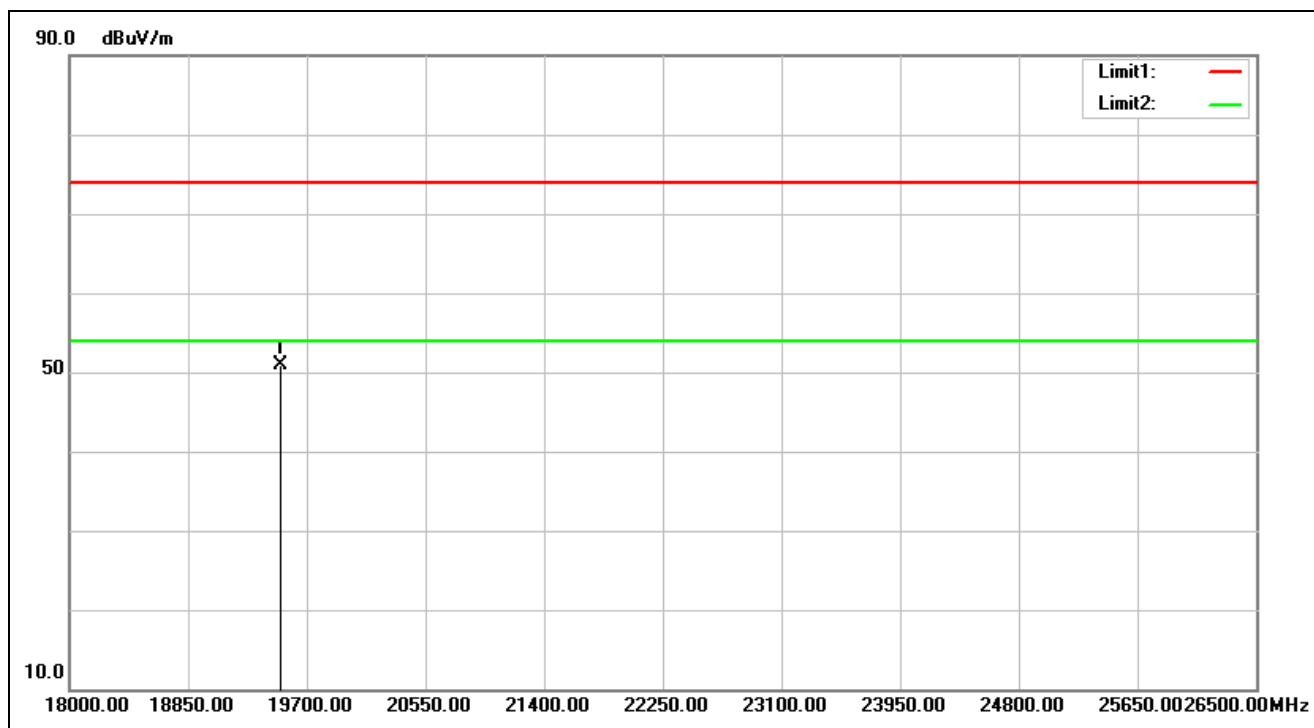
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 17:09:35
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	18943.500	29.17	21.10	50.27	74.00	-23.73	peak	100	164	



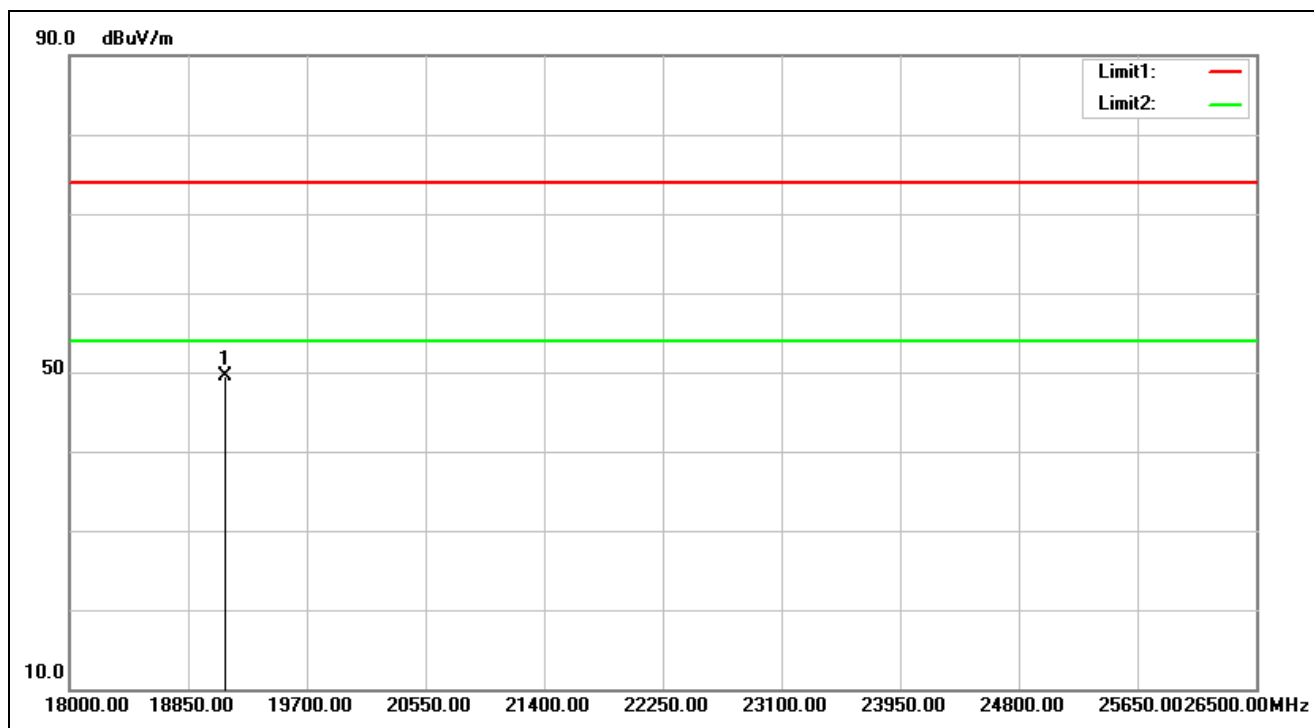
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 17:10:04
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19113.500	29.47	20.54	50.01	74.00	-23.99	peak	100	283	



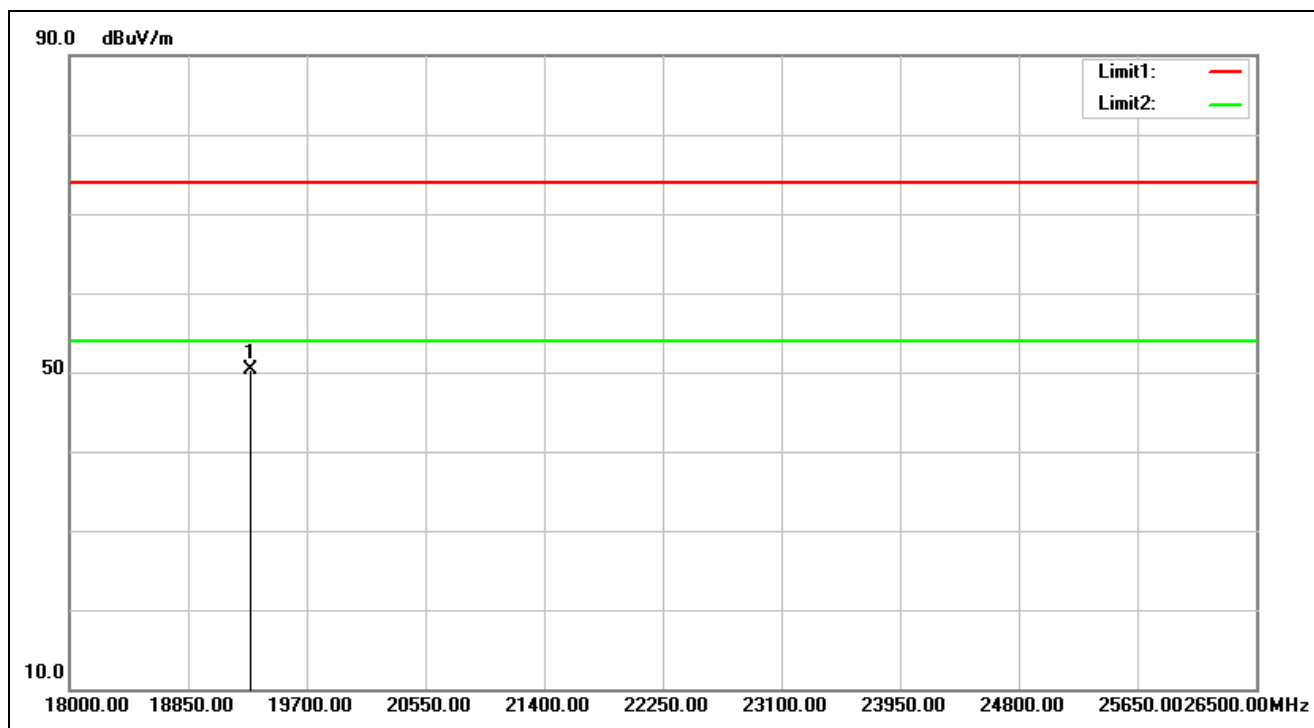
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 17:12:38
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19513.000	30.23	20.71	50.94	74.00	-23.06	peak	100	78	



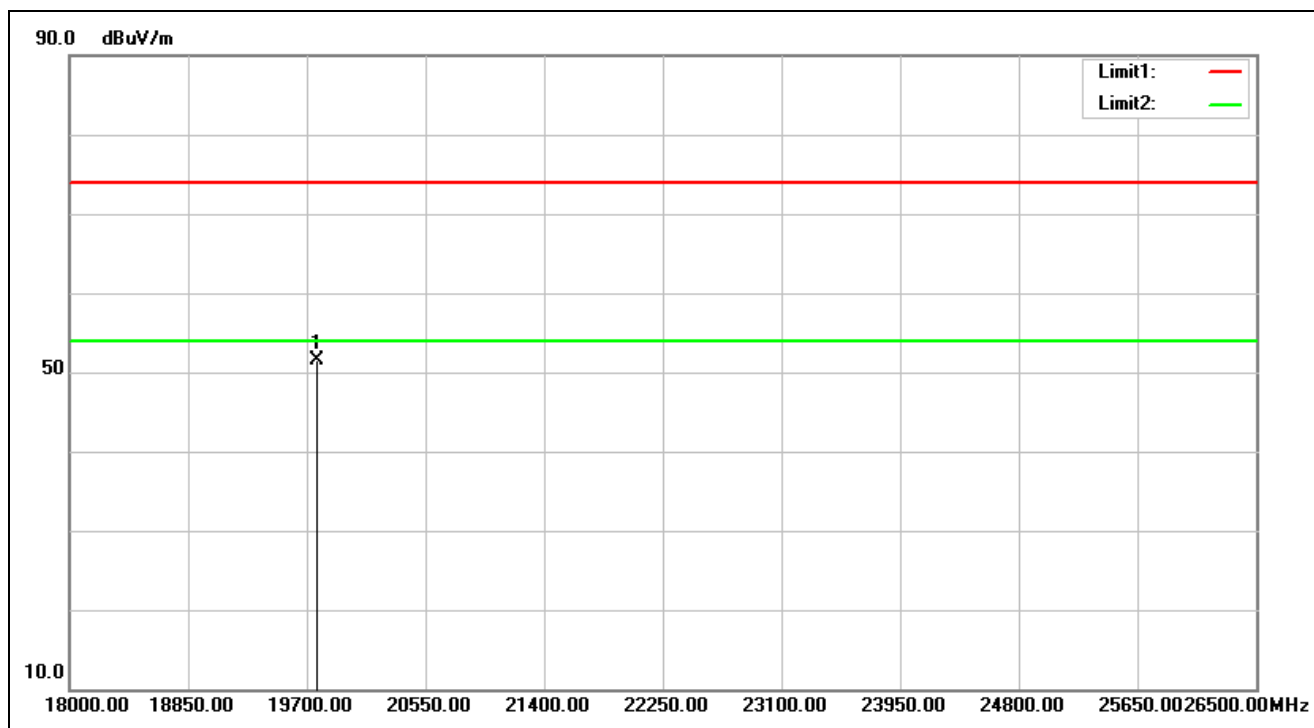
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 17:14:01
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19113.500	29.47	20.06	49.53	74.00	-24.47	peak	100	283	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/12 17:16:40
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19300.500	29.83	20.48	50.31	74.00	-23.69	peak	100	209	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/12 17:18:05
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.8(°C)/48%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19768.000	30.48	20.99	51.47	74.00	-22.53	peak	100	192	

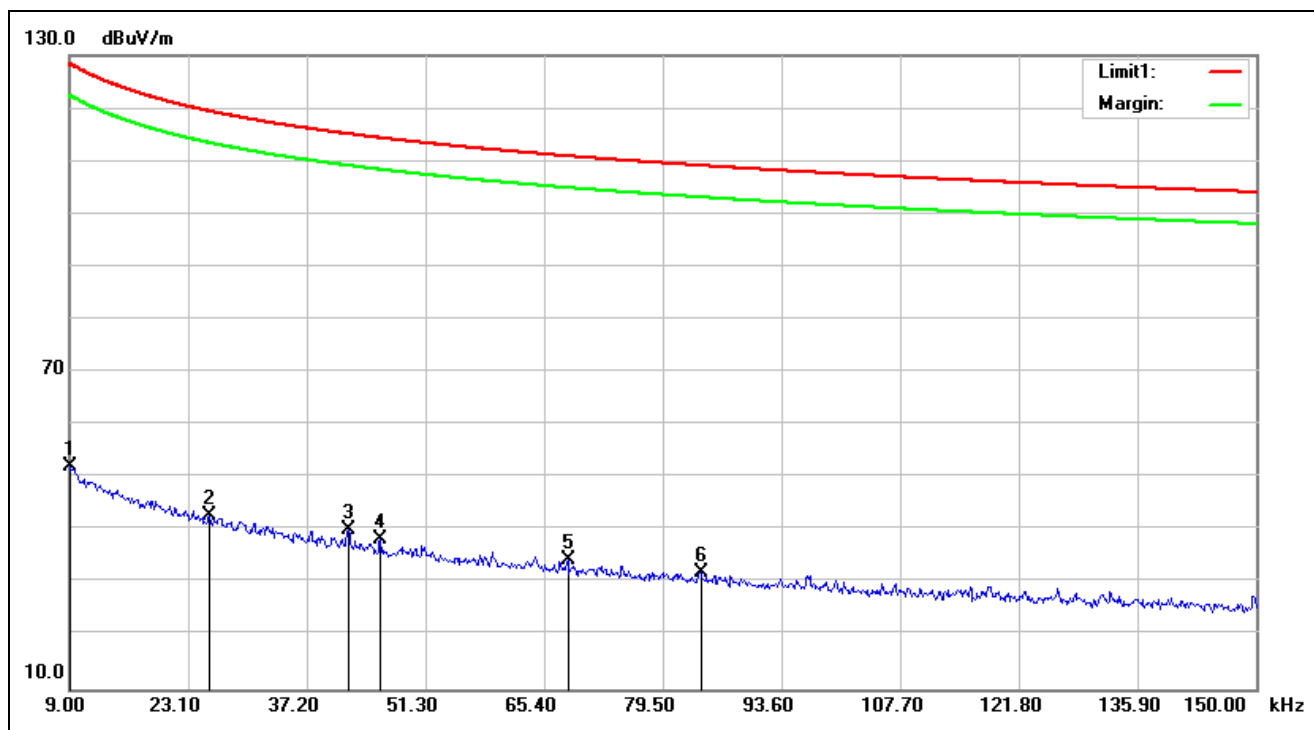
Spurious Emissions, TX Mode, 9k-1G



TUV Taiwan

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

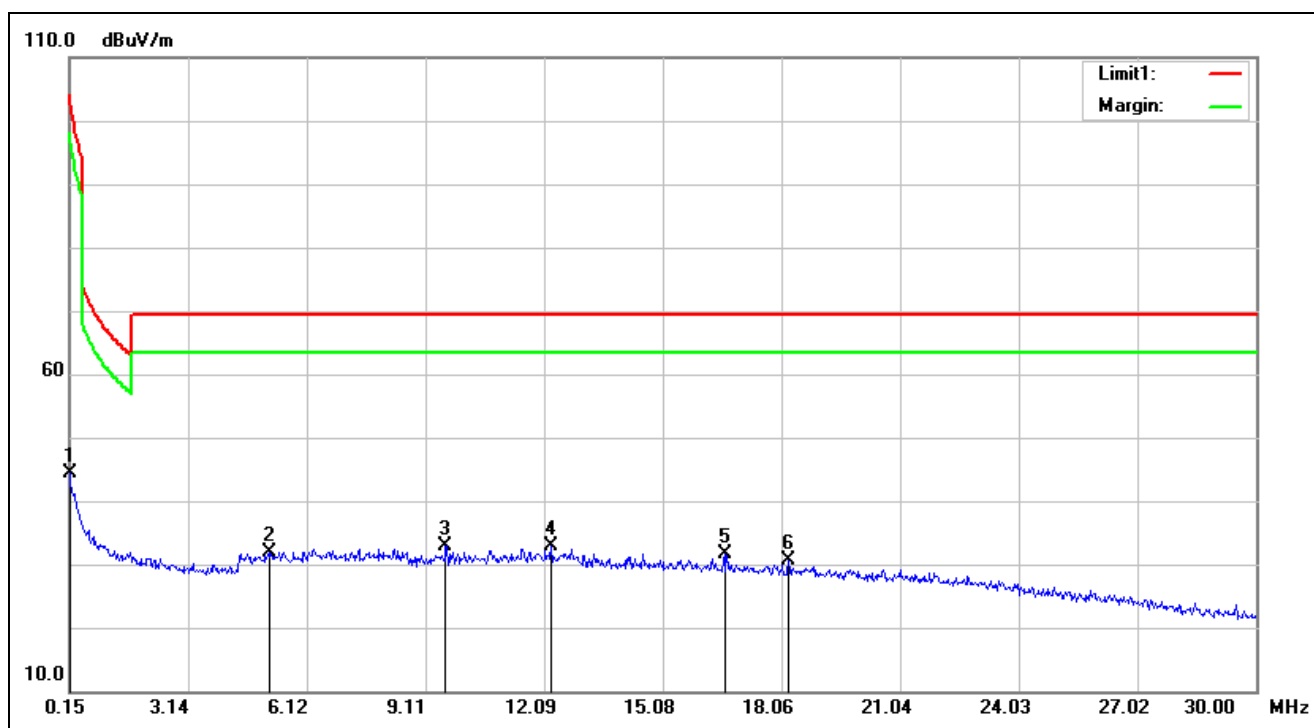
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:24:17
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
Remark:			

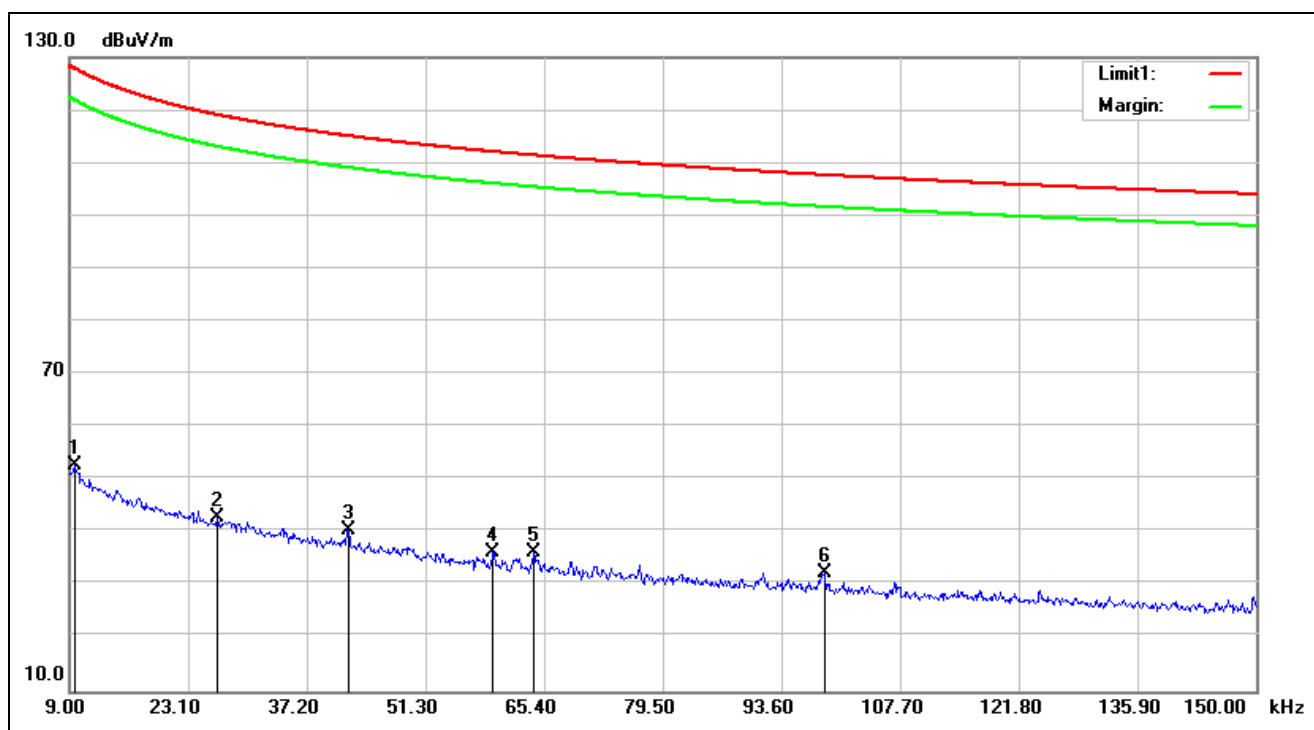
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.0090	19.53	32.59	52.12	128.50	-76.38	QP	100	18	
2	0.0256	20.09	22.85	42.94	119.43	-76.49	QP	100	131	
3	0.0421	19.71	20.37	40.08	115.11	-75.03	QP	100	21	
4	0.0459	19.57	18.85	38.42	114.36	-75.94	QP	100	159	
5	0.0682	19.32	15.00	34.32	110.92	-76.60	QP	100	136	
6	0.0840	19.23	12.81	32.04	109.11	-77.07	QP	100	352	

Spurious Emissions, TX Mode, 30M-1G



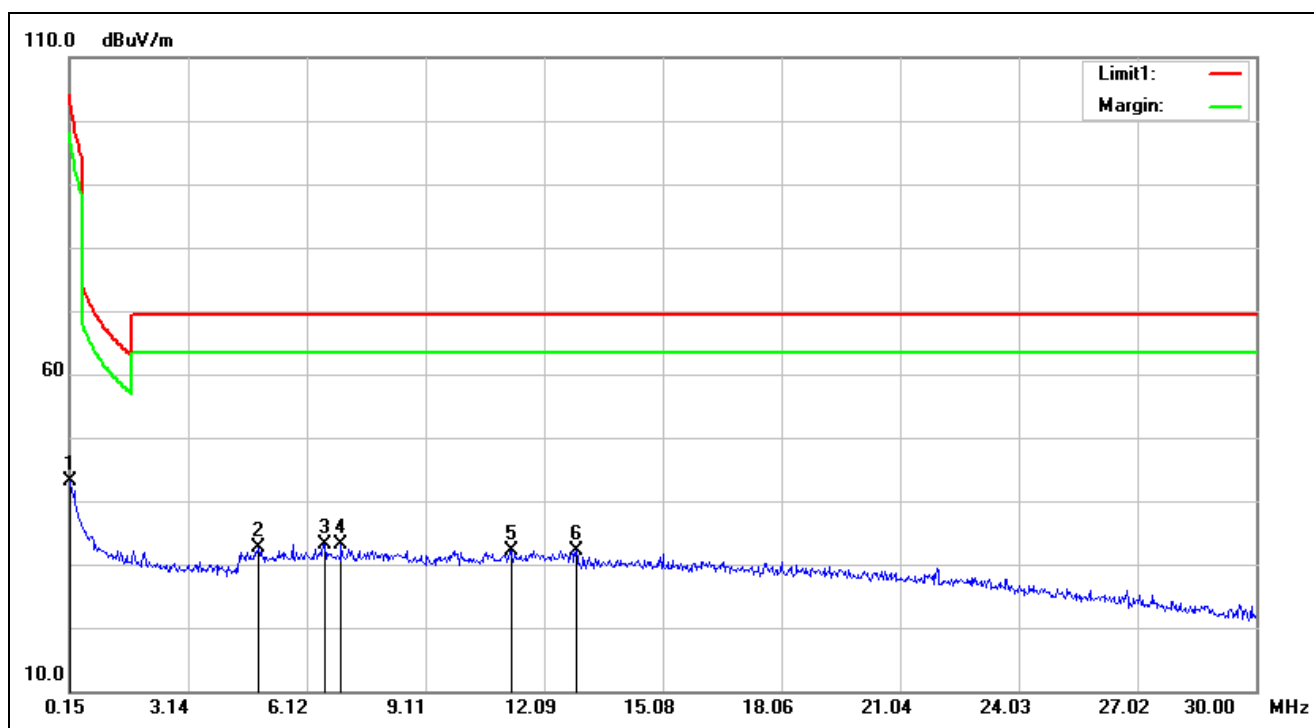
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:33:58
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
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	25.42	44.50	104.08	-59.58	QP	100	184	
2	5.1648	19.77	12.18	31.95	69.50	-37.55	QP	100	184	
3	9.6125	20.19	12.76	32.95	69.50	-36.55	QP	100	76	
4	12.2691	20.62	12.17	32.79	69.50	-36.71	QP	100	206	
5	16.6272	21.39	10.12	31.51	69.50	-37.99	QP	100	264	
6	18.2391	21.67	8.94	30.61	69.50	-38.89	QP	100	81	



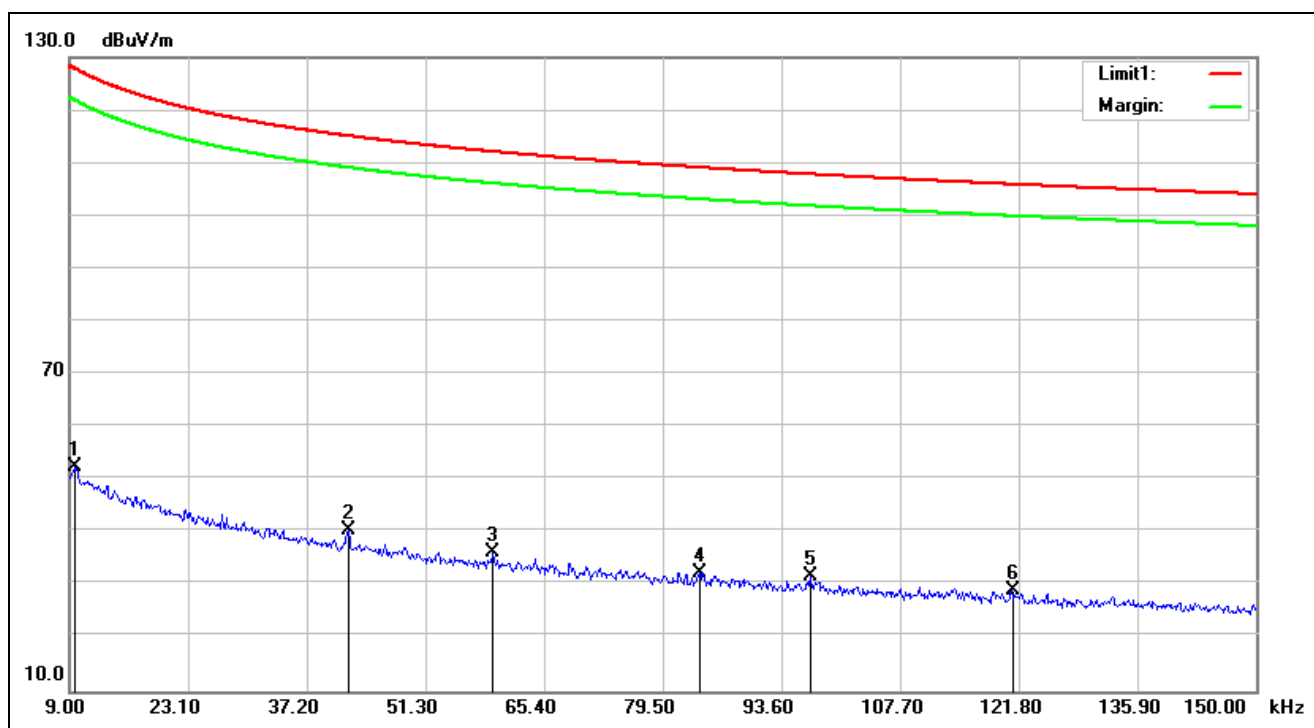
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:28:59
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
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	19.77	32.90	52.67	127.94	-75.27	QP	100	280	
2	0.0265	20.10	22.74	42.84	119.13	-76.29	QP	100	259	
3	0.0421	19.71	20.87	40.58	115.11	-74.53	QP	100	48	
4	0.0593	19.37	16.96	36.33	112.13	-75.80	QP	100	198	
5	0.0641	19.35	16.89	36.24	111.46	-75.22	QP	100	6	
6	0.0987	19.14	13.17	32.31	107.71	-75.40	QP	100	174	



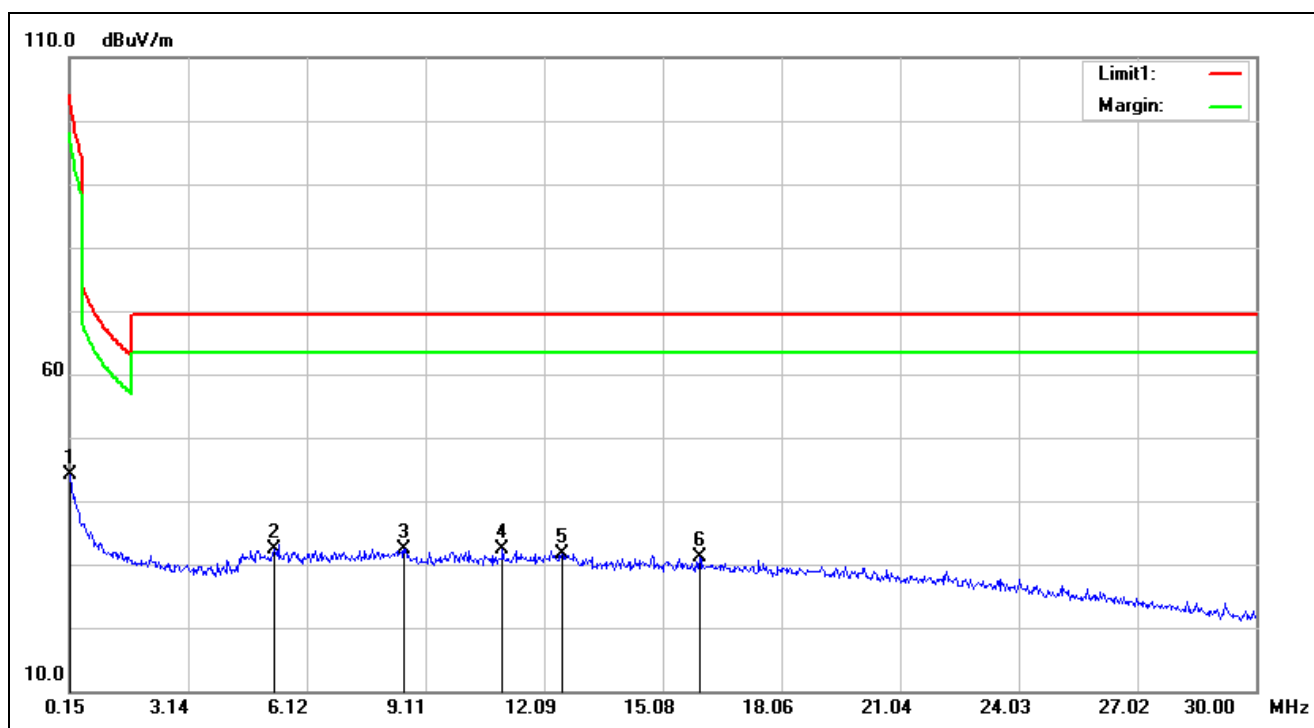
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:35:53
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
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	23.95	43.03	104.08	-61.05	QP	100	232	
2	4.8961	19.70	12.95	32.65	69.50	-36.85	QP	100	276	
3	6.5678	19.91	13.33	33.24	69.50	-36.26	QP	100	360	
4	6.9857	19.94	13.25	33.19	69.50	-36.31	QP	100	210	
5	11.2542	20.44	11.78	32.22	69.50	-37.28	QP	100	127	
6	12.8960	20.73	11.39	32.12	69.50	-37.38	QP	100	60	



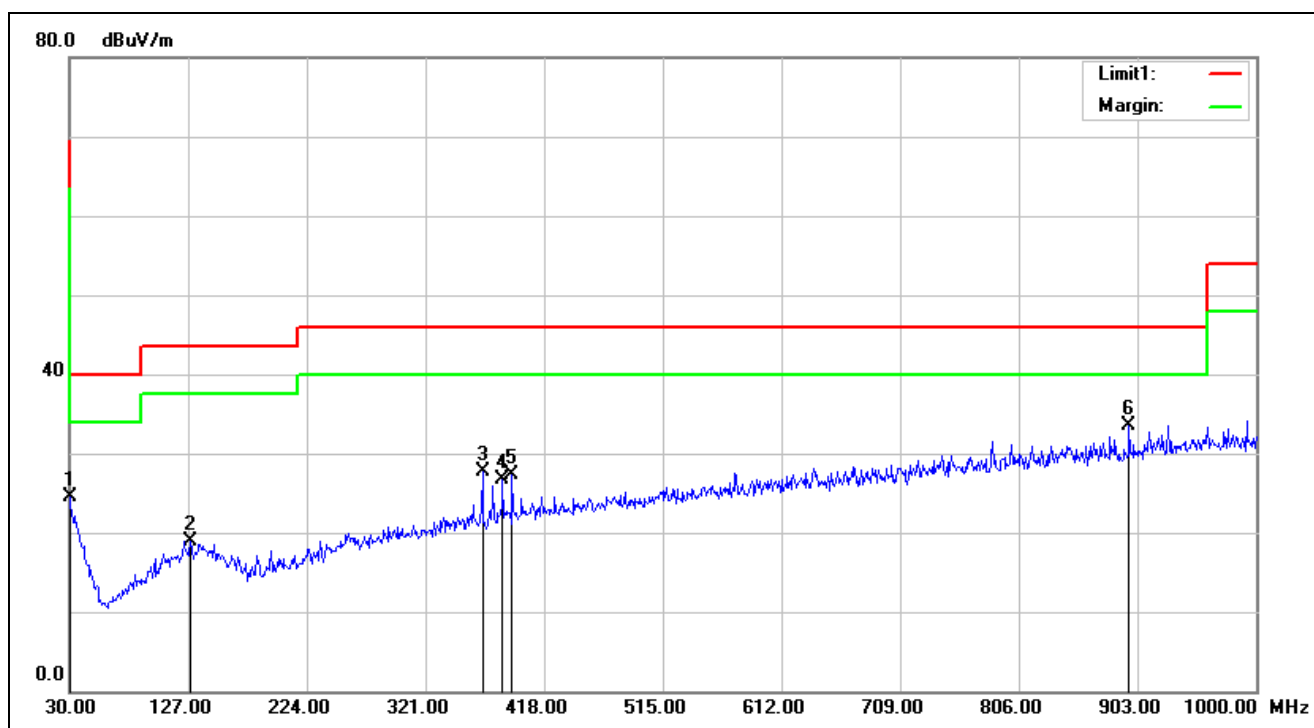
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:30:33
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
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	19.77	32.82	52.59	127.94	-75.35	QP	100	176	
2	0.0421	19.71	20.62	40.33	115.11	-74.78	QP	100	346	
3	0.0593	19.37	16.86	36.23	112.13	-75.90	QP	100	147	
4	0.0839	19.23	13.23	32.46	109.12	-76.66	QP	100	256	
5	0.0970	19.15	12.54	31.69	107.86	-76.17	QP	100	178	
6	0.1210	19.11	9.91	29.02	105.94	-76.92	QP	100	88	



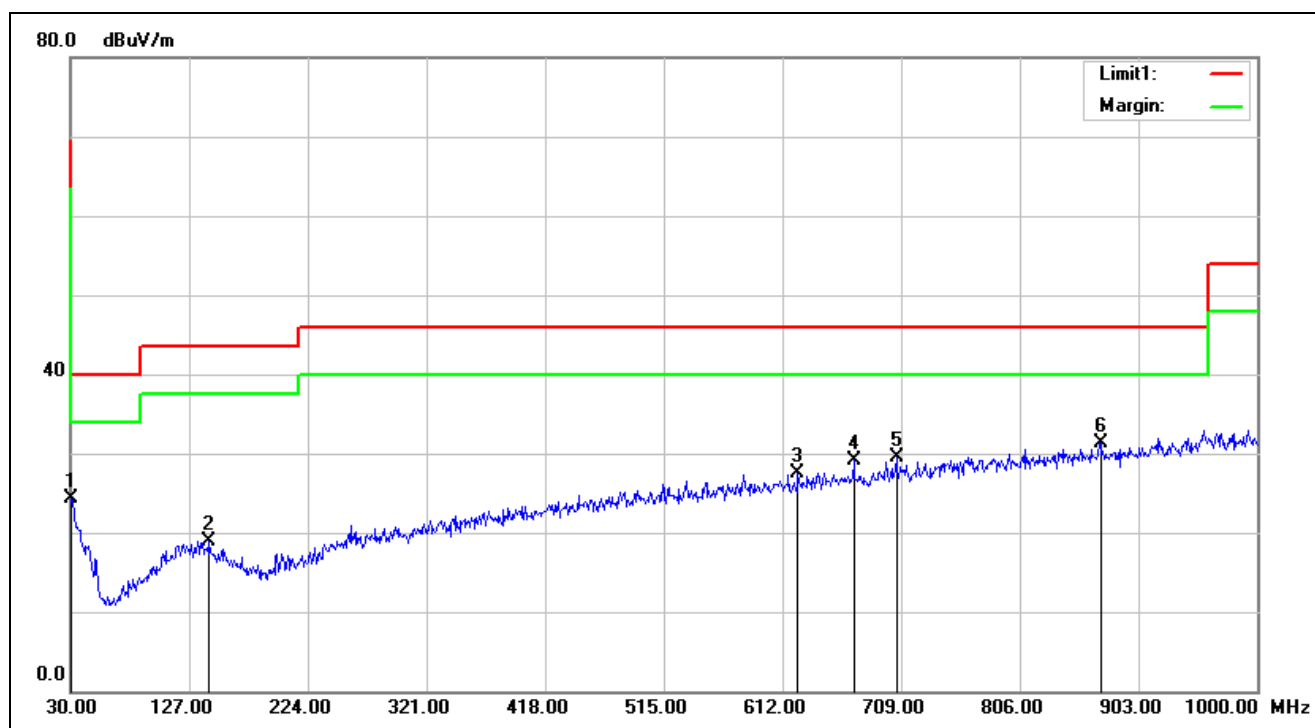
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	
Test item:	Radiation Emission	Test Time:	2017/7/13 09:37:47
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
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	19.06	24.95	44.01	102.50	-58.49	QP	100	147	
2	5.3141	19.79	12.61	32.40	69.50	-37.10	QP	100	203	
3	8.5677	20.09	12.31	32.40	69.50	-37.10	QP	100	305	
4	11.0452	20.41	11.87	32.28	69.50	-37.22	QP	100	53	
5	12.5378	20.67	10.90	31.57	69.50	-37.93	QP	100	357	
6	16.0004	21.28	9.76	31.04	69.50	-38.46	QP	100	9	



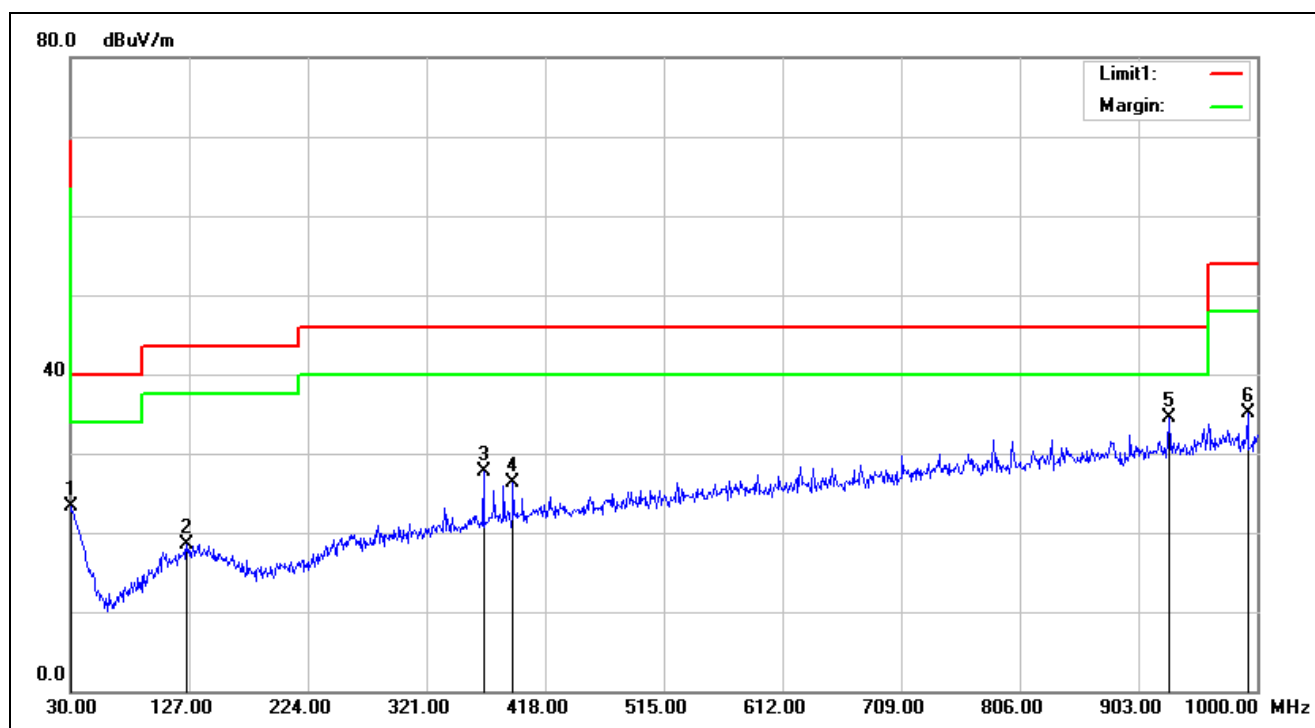
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/13 09:46:30
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
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	24.54	24.46	40.00	-15.54	QP	100	149	
2	128.9400	-7.07	26.04	18.97	43.50	-24.53	QP	100	265	
3	367.5600	-3.11	30.86	27.75	46.00	-18.25	QP	100	332	
4	384.0500	-2.81	29.50	26.69	46.00	-19.31	QP	100	332	
5	391.8100	-2.67	30.07	27.40	46.00	-18.60	QP	100	149	
6	896.2100	4.15	29.33	33.48	46.00	-12.52	QP	100	318	



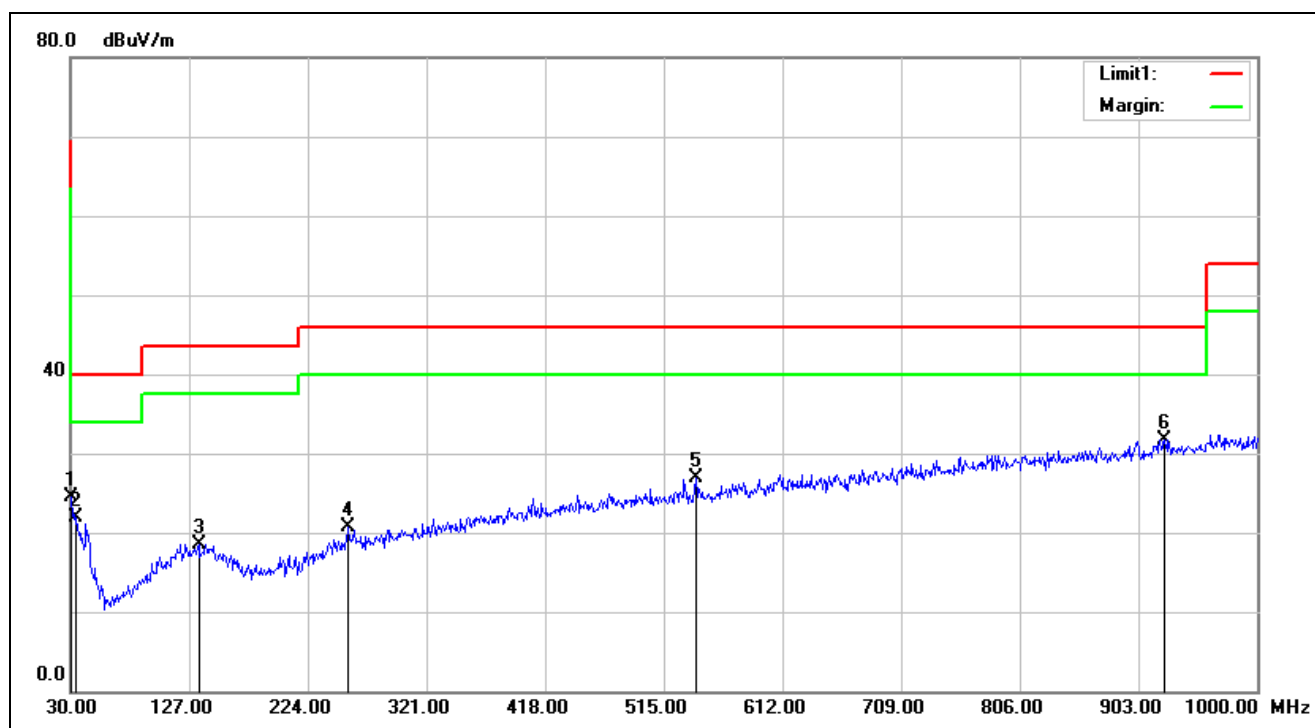
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/13 09:47:34
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2405		
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	24.94	24.32	40.00	-15.68	QP	100	92	
2	143.4900	-7.19	26.11	18.92	43.50	-24.58	QP	100	353	
3	624.6100	0.23	27.21	27.44	46.00	-18.56	QP	100	15	
4	670.2000	0.74	28.32	29.06	46.00	-16.94	QP	100	98	
5	705.1200	1.21	28.21	29.42	46.00	-16.58	QP	100	45	
6	871.9600	3.92	27.38	31.30	46.00	-14.70	QP	100	264	



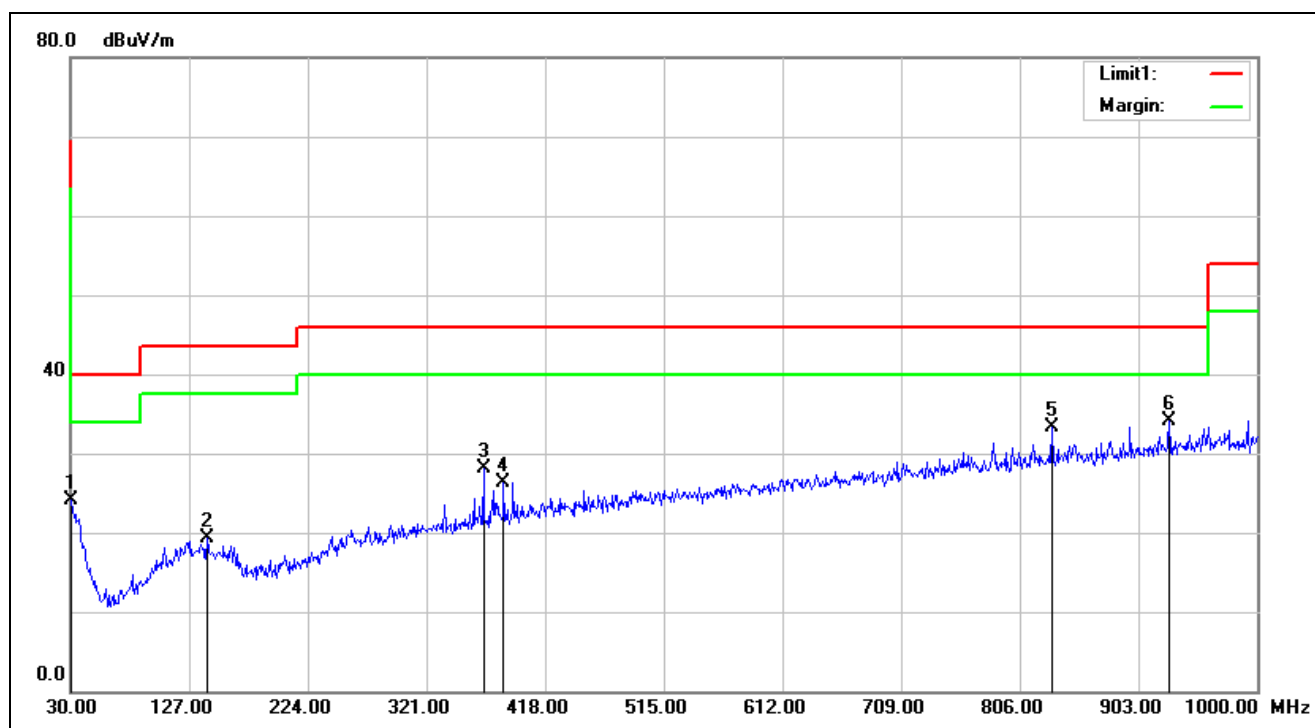
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/13 09:17:07
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
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	23.46	23.38	40.00	-16.62	QP	100	103	
2	125.0600	-7.21	25.70	18.49	43.50	-25.01	QP	100	225	
3	367.5600	-3.11	30.85	27.74	46.00	-18.26	QP	100	300	
4	391.8100	-2.67	29.05	26.38	46.00	-19.62	QP	100	125	
5	928.2200	4.85	29.59	34.44	46.00	-11.56	QP	100	133	
6	992.2400	5.74	29.43	35.17	54.00	-18.83	QP	100	311	



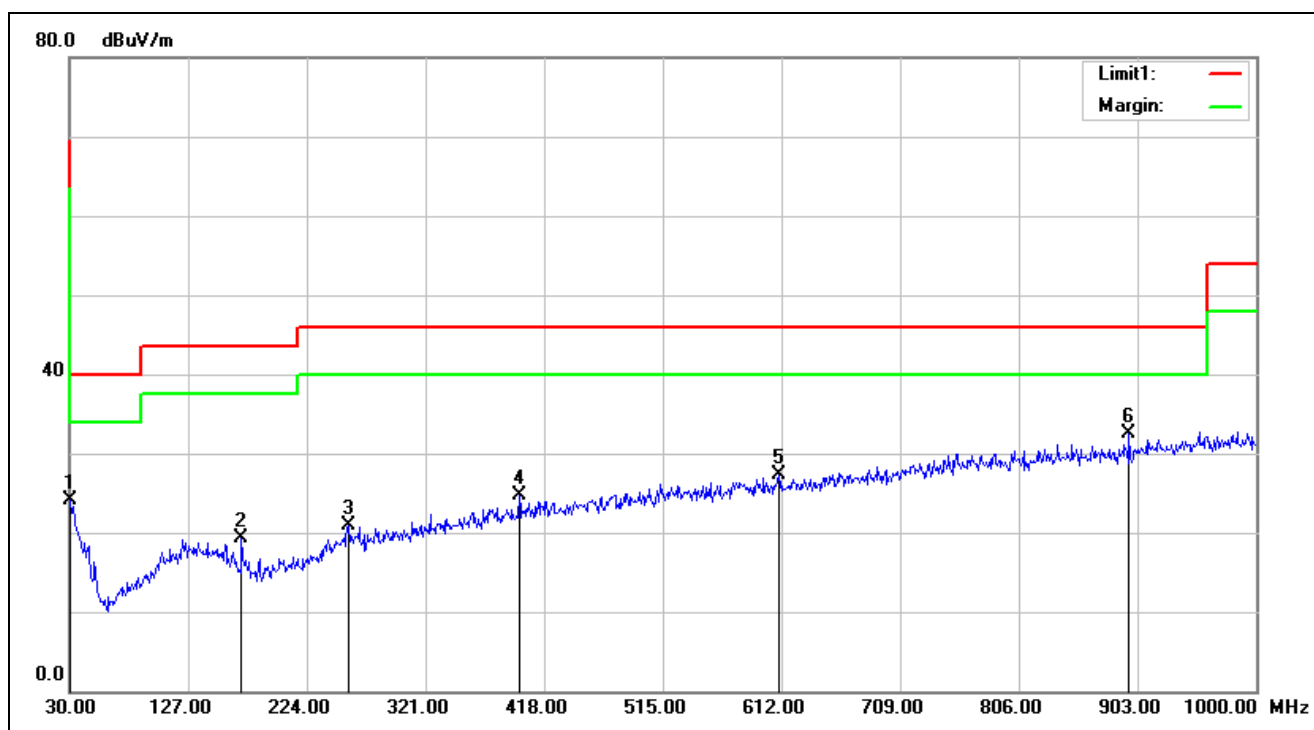
Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/13 09:18:11
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%):	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2442		
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	25.08	24.46	40.00	-15.54	QP	100	237	
2	34.8500	-2.84	24.73	21.89	40.00	-18.11	QP	100	56	
3	134.7600	-7.04	25.50	18.46	43.50	-25.04	QP	100	333	
4	256.9800	-5.19	25.92	20.73	46.00	-25.27	QP	100	285	
5	541.1900	-0.87	27.84	26.97	46.00	-19.03	QP	100	173	
6	924.3400	4.77	26.88	31.65	46.00	-14.35	QP	100	37	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/7/13 09:49:27
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
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	24.26	24.18	40.00	-15.82	QP	100	318	
2	141.5500	-7.12	26.35	19.23	43.50	-24.27	QP	100	288	
3	367.5600	-3.11	31.29	28.18	46.00	-17.82	QP	100	338	
4	384.0500	-2.81	29.14	26.33	46.00	-19.67	QP	100	143	
5	832.1900	3.41	29.99	33.40	46.00	-12.60	QP	100	116	
6	928.2200	4.85	29.16	34.01	46.00	-11.99	QP	100	271	



Service No.:	114066573(L087SR,MUS-TRLF132)	Test Distance:	3m
Test Standard:	FCC15.209_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/7/13 09:50:31
Applicant:	Areson	Test Rating:	DC 3V
Product:	2.4GHz Wireless Mouse	Temp.(°C)/Hum.(%)	22.5(°C)/50%
Model No.:	L087SR,MUS-TRLF132	Test Engineer:	Sam Su
Test Mode:	TX-2477		
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	24.79	24.17	40.00	-15.83	QP	100	220	
2	170.6500	-9.09	28.40	19.31	43.50	-24.19	QP	100	162	
3	257.9500	-5.10	25.96	20.86	46.00	-25.14	QP	100	184	
4	397.6300	-2.57	27.30	24.73	46.00	-21.27	QP	100	250	
5	610.0600	0.06	27.28	27.34	46.00	-18.66	QP	100	76	
6	896.2100	4.15	28.31	32.46	46.00	-13.54	QP	100	37	