

# Test Report No.50097223 001

## Appendix D: Radiated Spurious Emission Data

(File: 50097223AppendixD)

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903 MHz - 914.2MHz

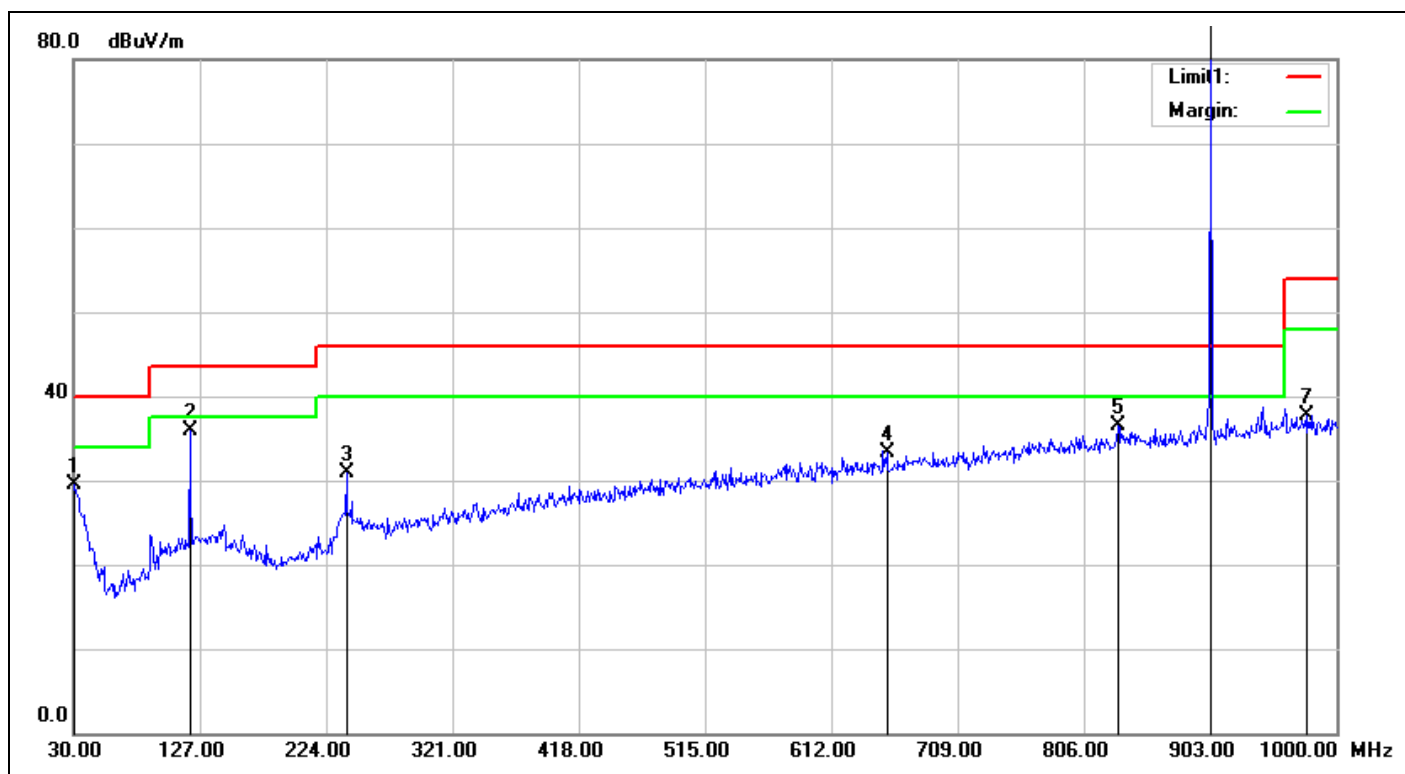
# Spurious Emissions, TX Mode, 30M-1G



**TUV Taiwan**

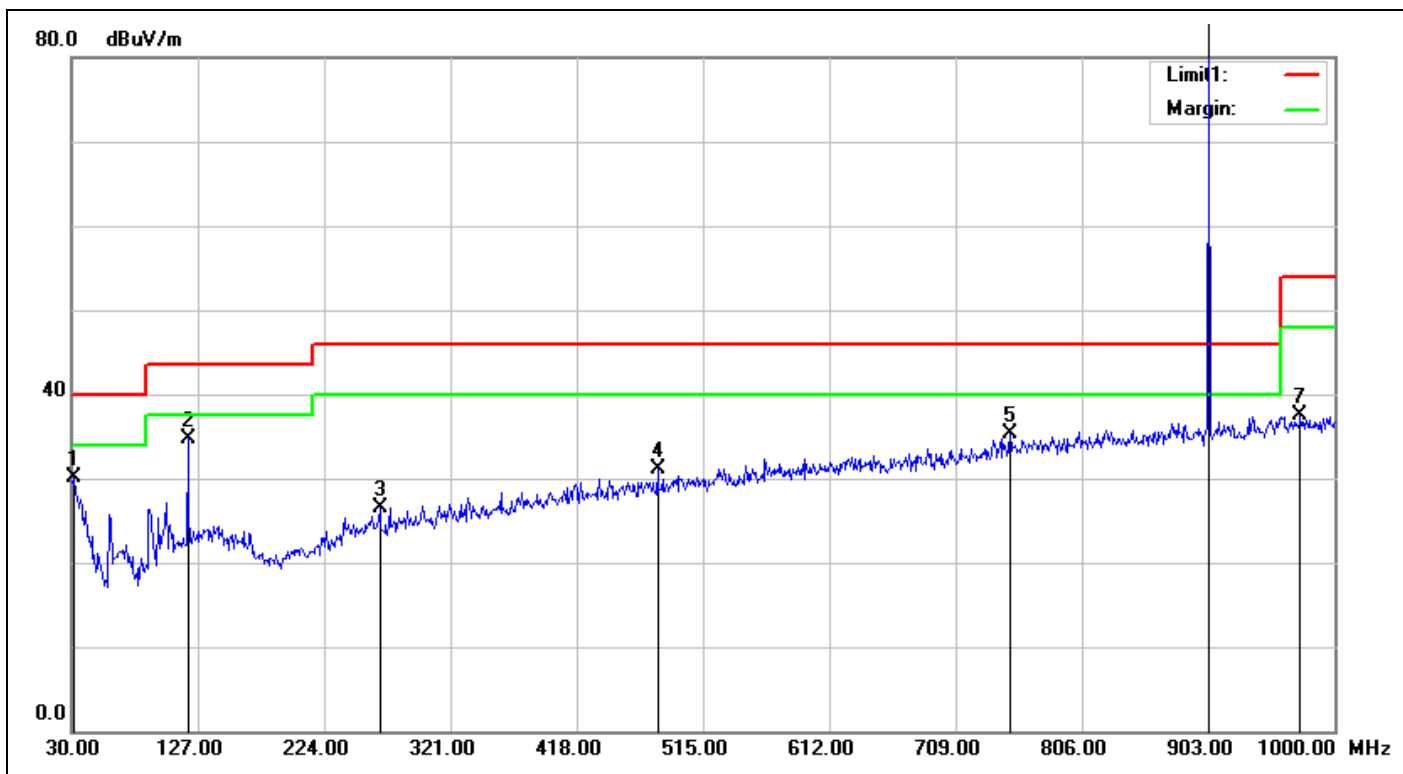
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



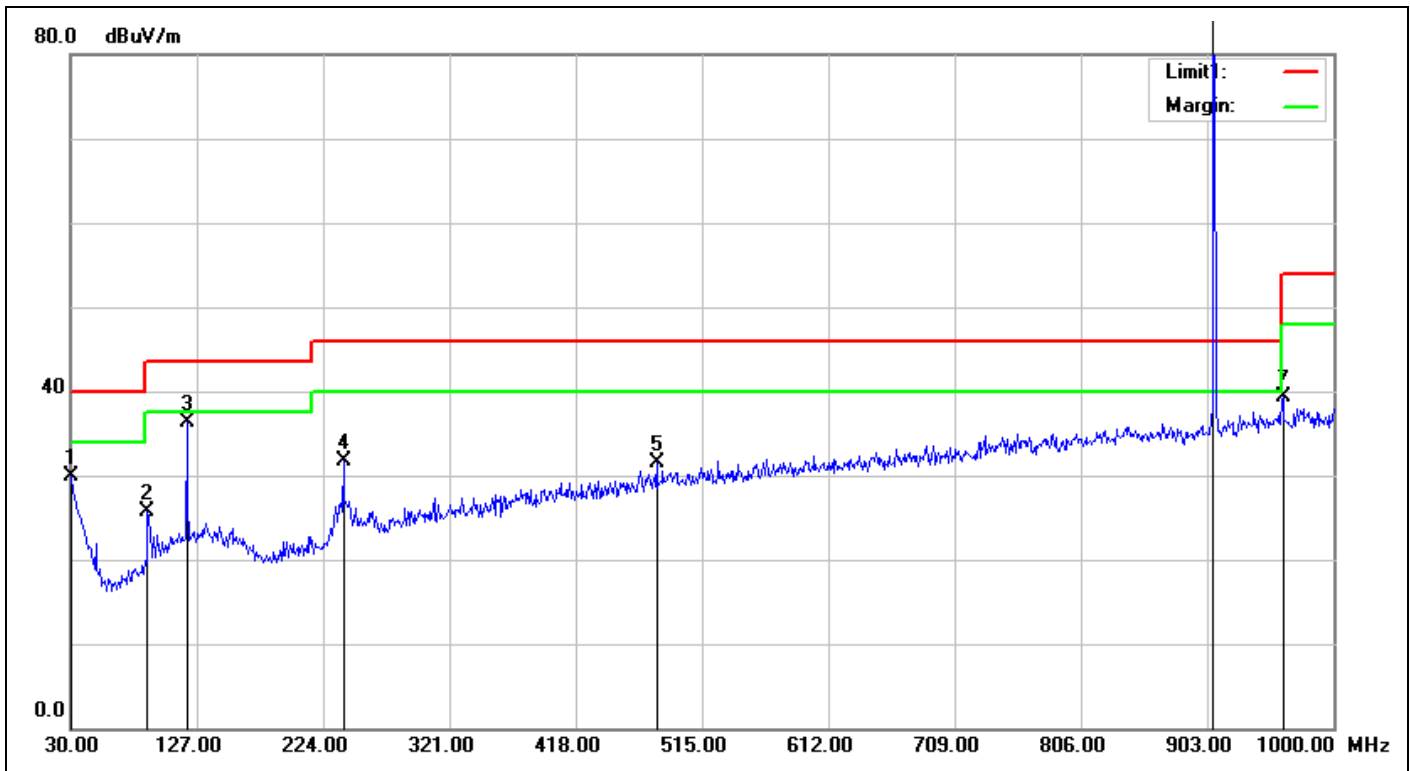
Service No.:	114058583	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/17 17:15:27
Applicant:	Liyatech	Test Rating:	DC 5V
Product:	LRM001	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	LRM001-915	Test Engineer:	George Yang
Test Mode:	903-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	29.62	29.55	40.00	-10.45	QP	100	14	
2	119.2400	-7.40	43.33	35.93	43.50	-7.57	QP	100	120	
3	239.5200	-6.73	37.57	30.84	46.00	-15.16	QP	100	285	
4	654.6799	0.60	32.79	33.39	46.00	-12.61	QP	100	271	
5	832.1900	3.38	33.12	36.50	46.00	-9.50	QP	100	255	
6	903.0000	4.23	99.37	103.60	46.00	57.60	QP	100	144	Fundamental
7	977.6900	5.63	32.12	37.75	54.00	-16.25	QP	100	263	



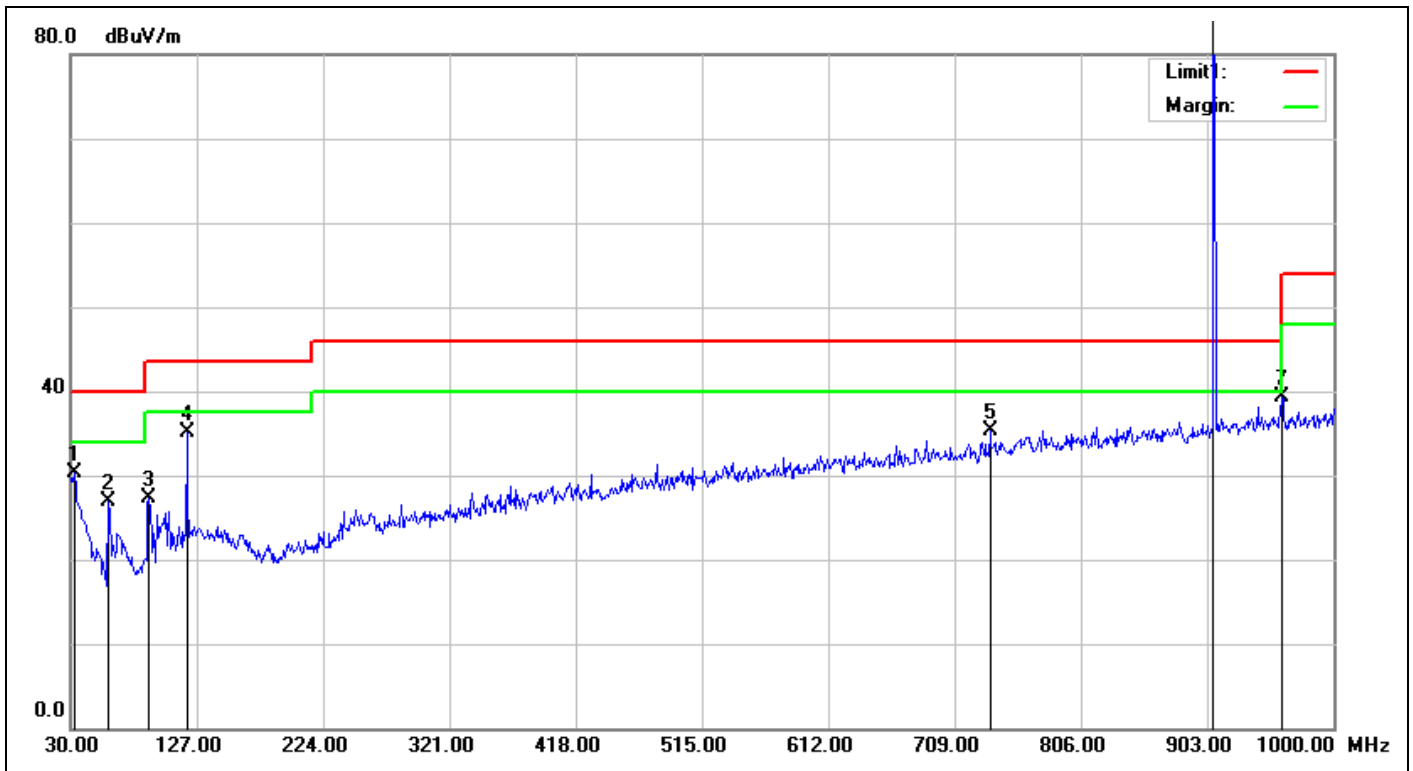
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<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 17:16:31</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>903-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	31.9400	-1.18	31.35	30.17	40.00	-9.83	QP	100	240	
2	119.2400	-7.40	42.14	34.74	43.50	-8.76	QP	100	49	
3	266.6800	-5.18	31.78	26.60	46.00	-19.40	QP	100	280	
4	480.0800	-1.62	32.72	31.10	46.00	-14.90	QP	100	65	
5	750.7100	2.36	32.87	35.23	46.00	-10.77	QP	100	89	
6	903.0000	4.23	91.00	95.23	46.00	49.23	QP	100	161	Fundamental
7	973.8100	5.60	31.81	37.41	54.00	-16.59	QP	100	195	



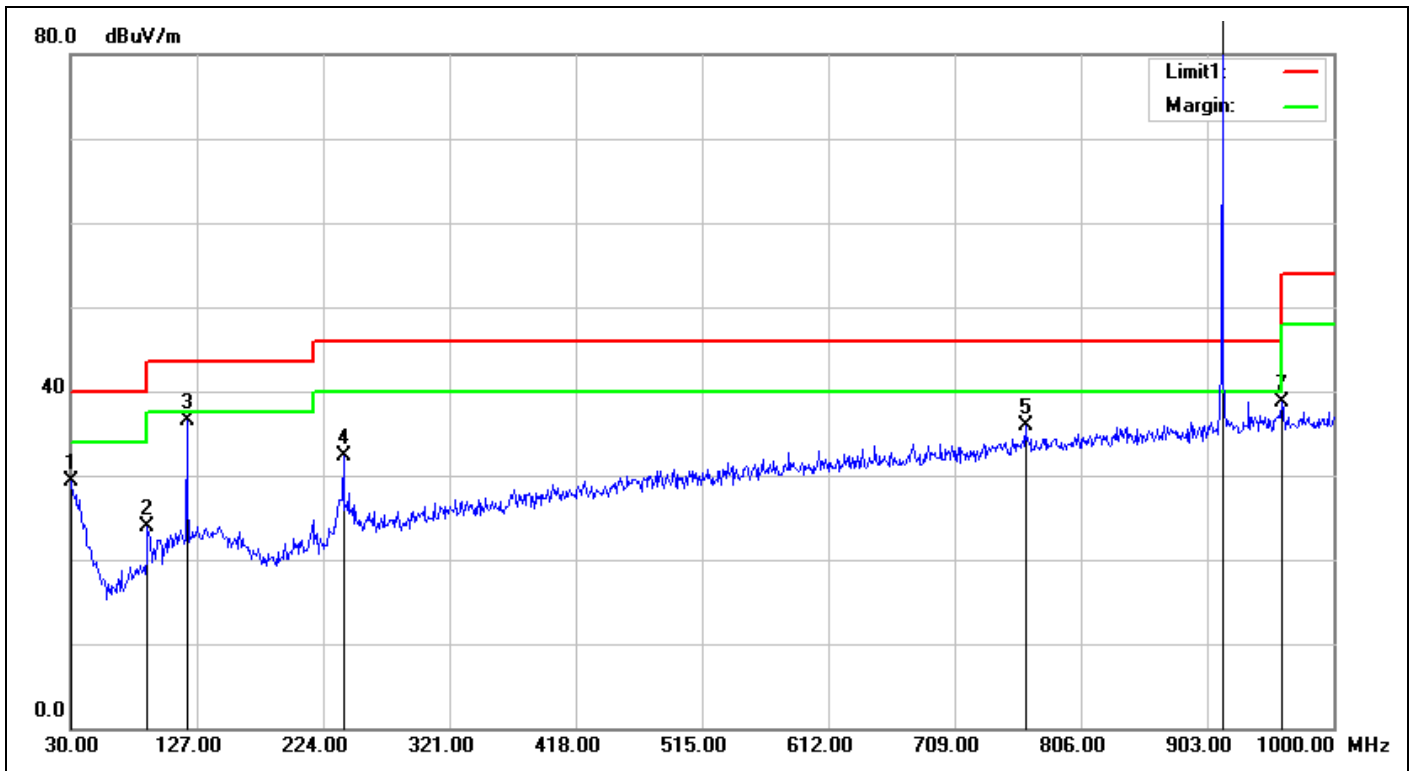
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 17:20:08</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>907.8-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	-0.07	30.00	29.93	40.00	-10.07	QP	100	303	
2	89.1700	-10.94	36.73	25.79	43.50	-17.71	QP	100	152	
3	119.2400	-7.40	43.74	36.34	43.50	-7.16	QP	100	117	
4	239.5200	-6.73	38.36	31.63	46.00	-14.37	QP	100	106	
5	480.0800	-1.62	33.12	31.50	46.00	-14.50	QP	100	298	
6	907.8500	4.34	98.91	103.25	46.00	57.25	QP	100	144	Fundamental
7	961.2000	5.48	33.79	39.27	54.00	-14.73	QP	100	327	



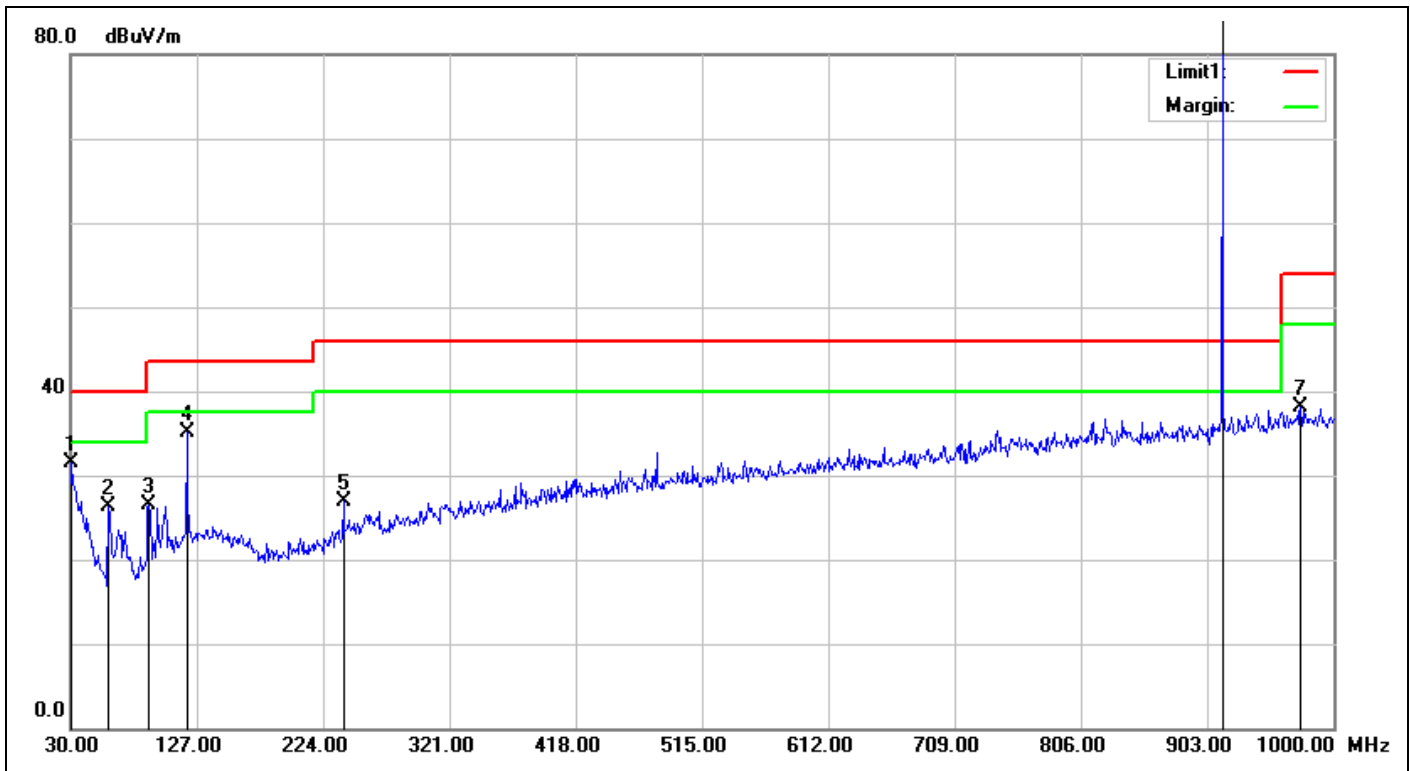
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 17:21:11</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>907.8-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	32.9100	-1.74	32.12	30.38	40.00	-9.62	QP	100	226	
2	59.1000	-13.51	40.37	26.86	40.00	-13.14	QP	100	253	
3	90.1400	-10.84	38.16	27.32	43.50	-16.18	QP	100	35	
4	119.2400	-7.40	42.54	35.14	43.50	-8.36	QP	100	25	
5	736.1600	2.00	33.29	35.29	46.00	-10.71	QP	100	9	
6	907.8500	4.34	91.16	95.50	46.00	49.50	QP	100	19	Fundamental
7	960.2300	5.48	33.91	39.39	54.00	-14.61	QP	100	240	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 17:23:31</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>914.2-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	-0.07	29.33	29.26	40.00	-10.74	QP	100	338	
2	89.1700	-10.94	34.91	23.97	43.50	-19.53	QP	100	22	
3	119.2400	-7.40	43.97	36.57	43.50	-6.93	QP	100	125	
4	239.5200	-6.73	39.04	32.31	46.00	-13.69	QP	100	101	
5	763.3200	2.47	33.40	35.87	46.00	-10.13	QP	100	94	
6	914.6400	4.51	99.14	103.65	46.00	57.65	QP	100	216	Fundamental
7	960.2300	5.48	33.15	38.63	54.00	-15.37	QP	100	343	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 17:24:35</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>914.2-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	30.9700	-0.62	32.17	31.55	40.00	-8.45	QP	100	3	
2	59.1000	-13.51	39.78	26.27	40.00	-13.73	QP	100	219	
3	90.1400	-10.84	37.40	26.56	43.50	-16.94	QP	100	19	
4	119.2400	-7.40	42.51	35.11	43.50	-8.39	QP	100	28	
5	239.5200	-6.73	33.64	26.91	46.00	-19.09	QP	100	203	
6	914.6400	4.51	91.56	96.07	46.00	50.07	QP	100	163	Fundamental
7	974.7800	5.60	32.47	38.07	54.00	-15.93	QP	100	81	

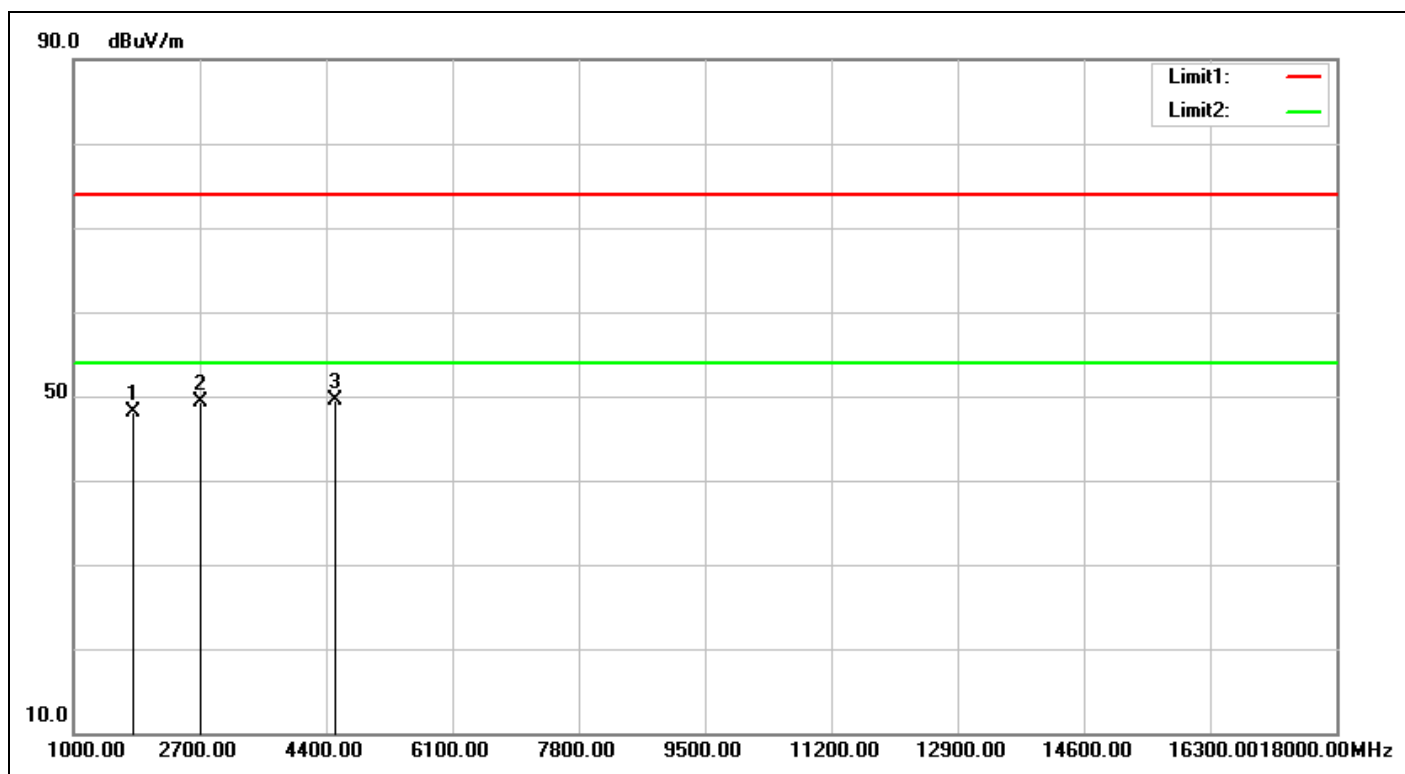
# Spurious Emissions, TX Mode, 1-18G



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

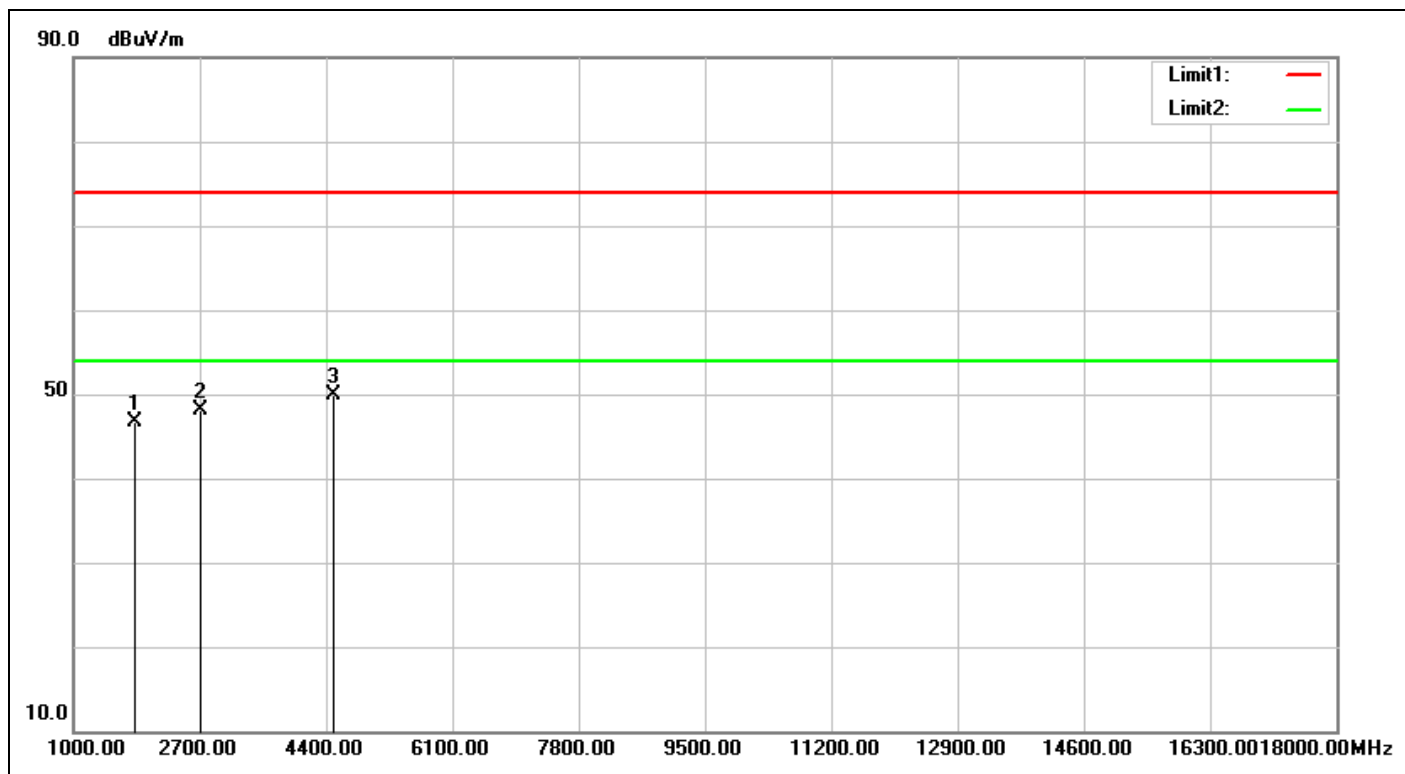
Tel: +886-2172-7000 fax: +886-2528-0018



<b>Service No.:</b>	<b>114058583</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>2017/2/17 20:36:29</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>903-TX</b>		
<b>Remark:</b>			

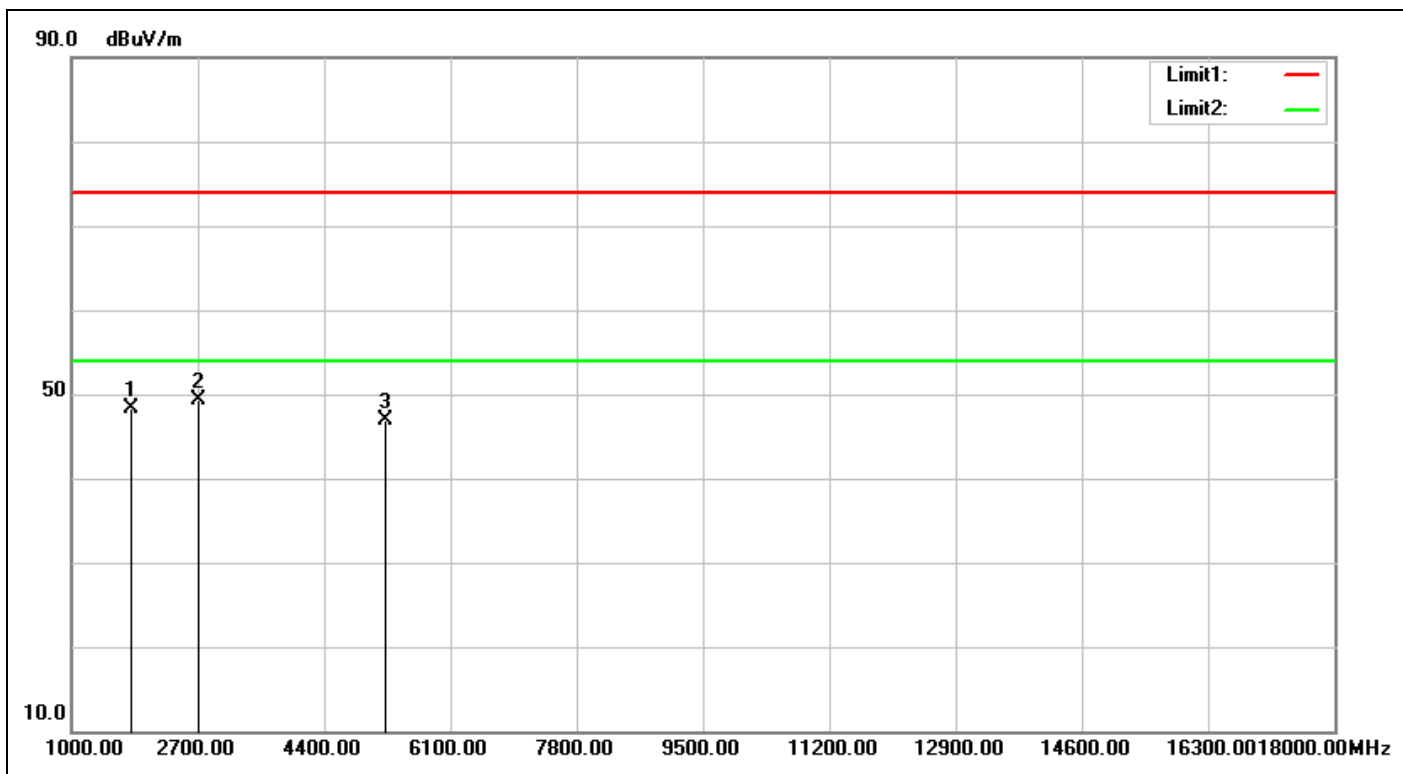
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1806.000	-9.34	57.49	48.15	74.00	-25.85	peak	100	194	
2	2709.000	-7.60	56.97	49.37	74.00	-24.63	peak	100	197	
3	4519.000	-3.78	53.29	49.51	74.00	-24.49	peak	100	324	





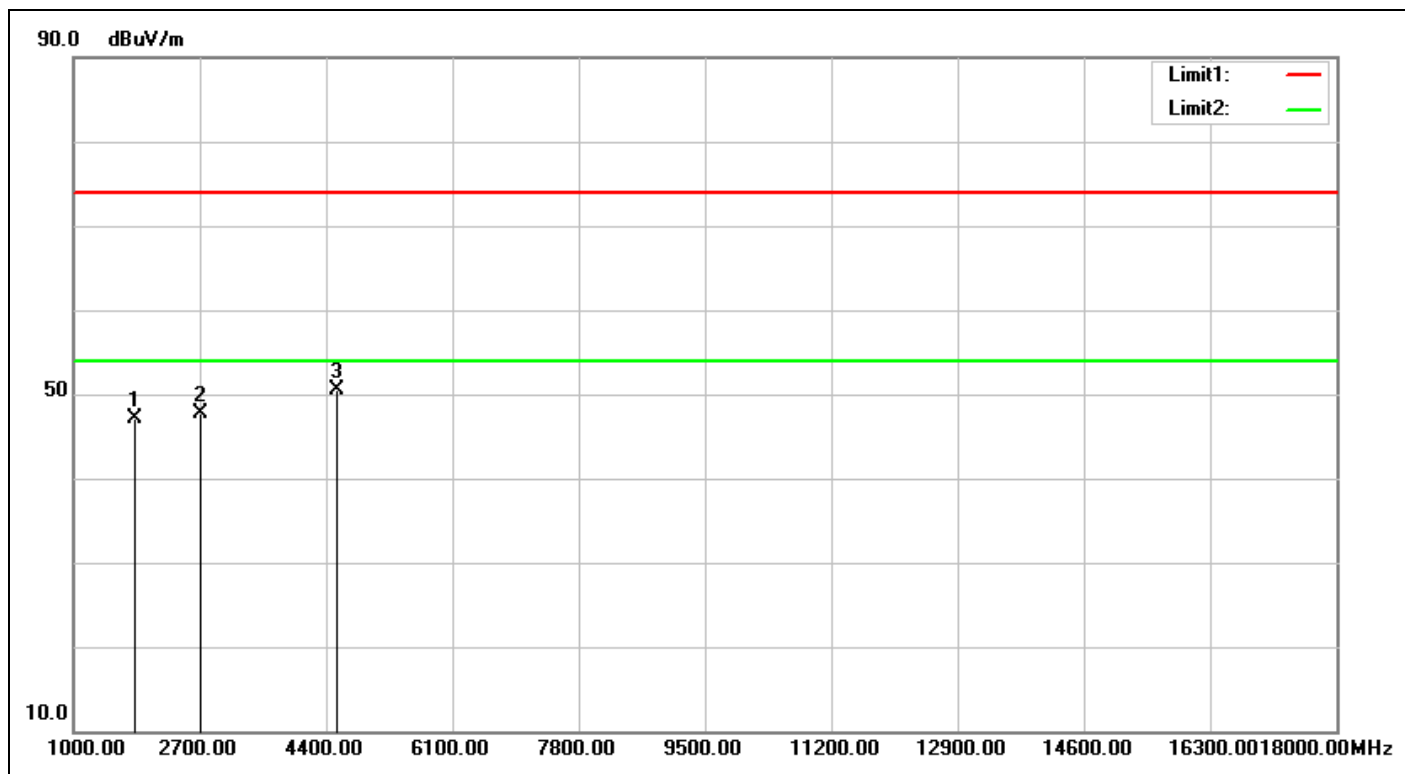
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:37:32</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>903-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	1806.000	-9.34	56.10	46.76	74.00	-27.24	peak	100	130	
2	2709.000	-7.60	55.61	48.01	74.00	-25.99	peak	100	227	
3	4502.000	-3.80	53.66	49.86	74.00	-24.14	peak	100	20	



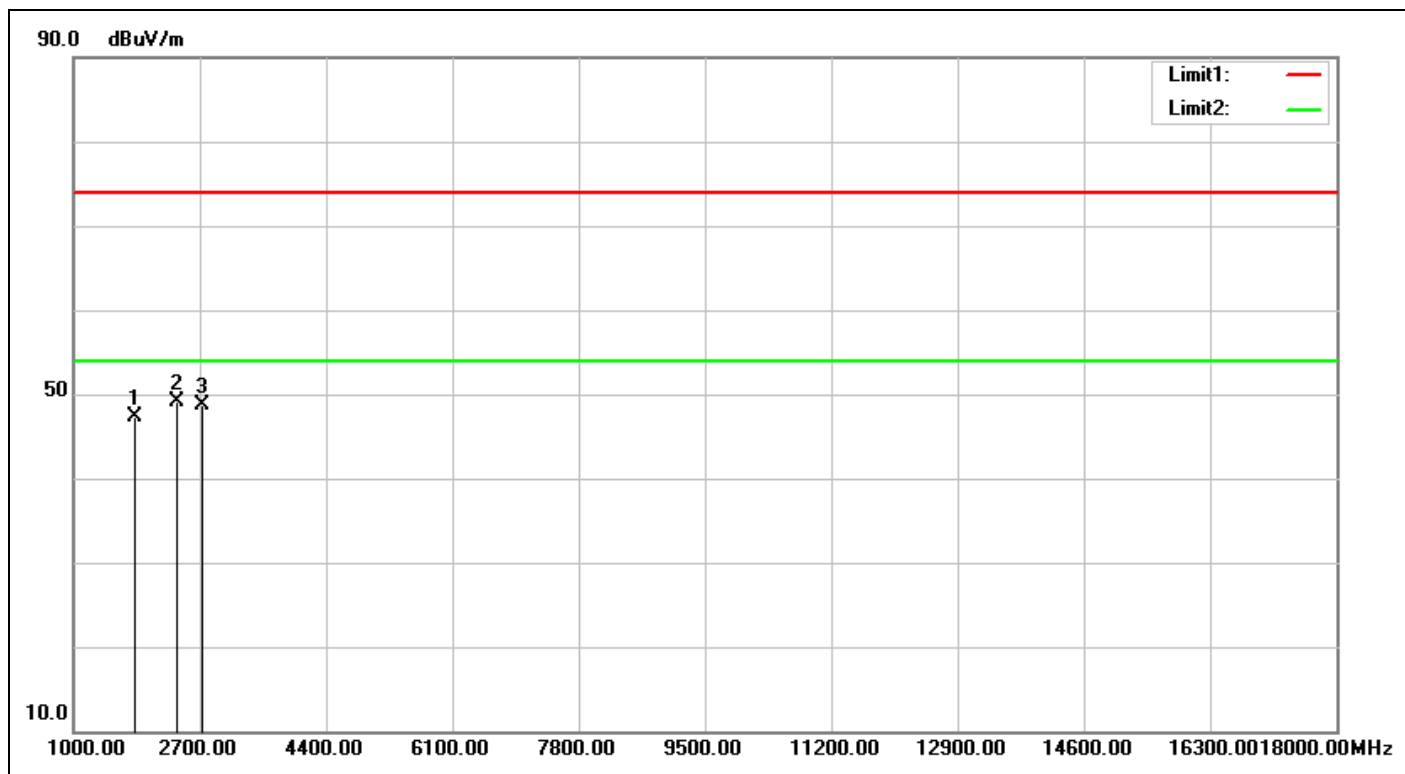
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:39:39</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>907.8-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	1815.600	-9.27	57.51	48.24	74.00	-25.76	peak	100	192	
2	2723.400	-7.58	56.87	49.29	74.00	-24.71	peak	100	197	
3	5216.000	-2.10	48.92	46.82	74.00	-27.18	peak	100	106	



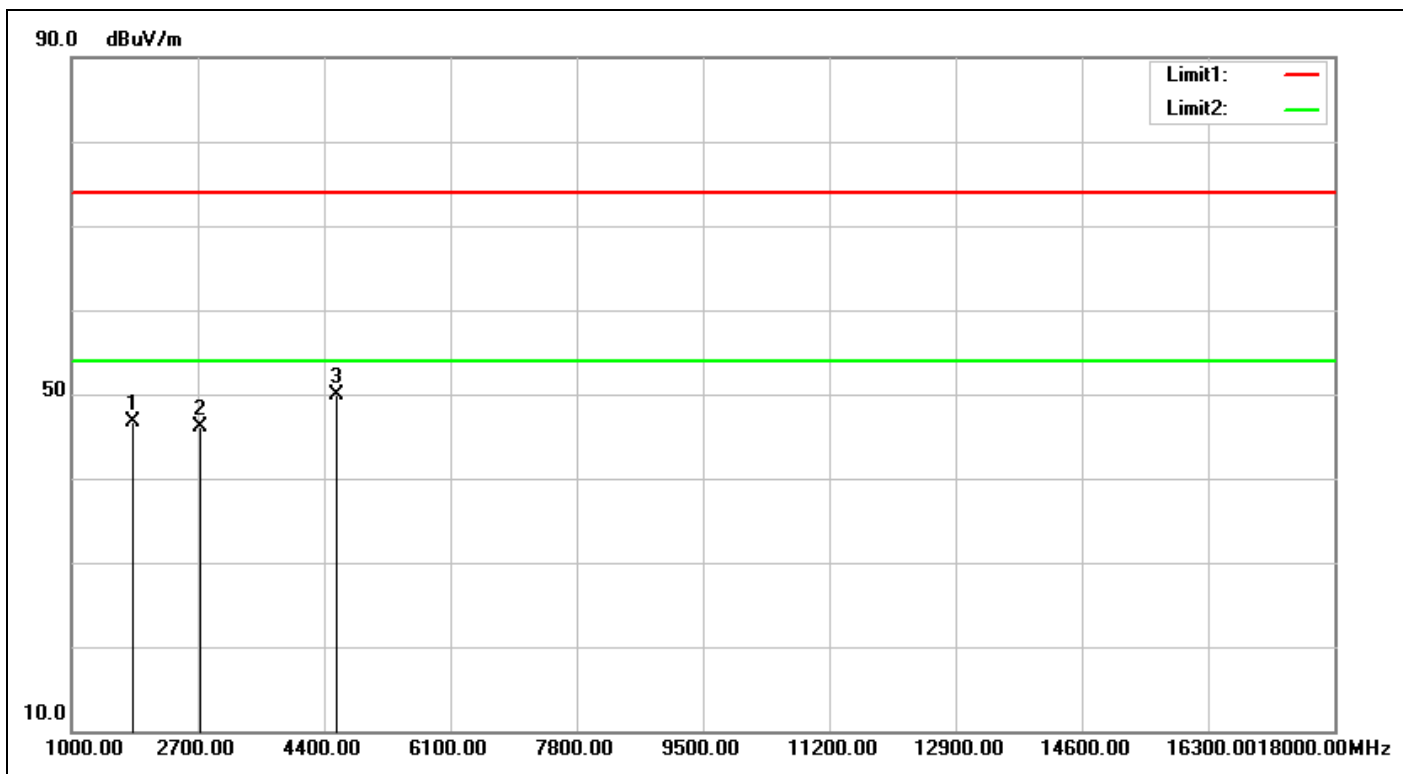
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:40:42</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>907.8-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	1815.600	-9.27	56.33	47.06	74.00	-26.94	peak	100	296	
2	2723.400	-7.58	55.25	47.67	74.00	-26.33	peak	100	213	
3	4536.000	-3.76	54.22	50.46	74.00	-23.54	peak	100	25	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 20:44:15</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>914.2-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	1828.400	-9.20	56.44	47.24	74.00	-26.76	peak	100	194	
2	2394.000	-7.96	56.98	49.02	74.00	-24.98	peak	100	29	
3	2742.600	-7.55	56.23	48.68	74.00	-25.32	peak	100	194	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 20:45:18</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>914.2-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	1828.400	-9.20	55.95	46.75	74.00	-27.25	peak	100	169	
2	2742.600	-7.55	53.75	46.20	74.00	-27.80	peak	100	240	
3	4570.000	-3.73	53.66	49.93	74.00	-24.07	peak	100	53	

923.3MHz - 927.5 MHz

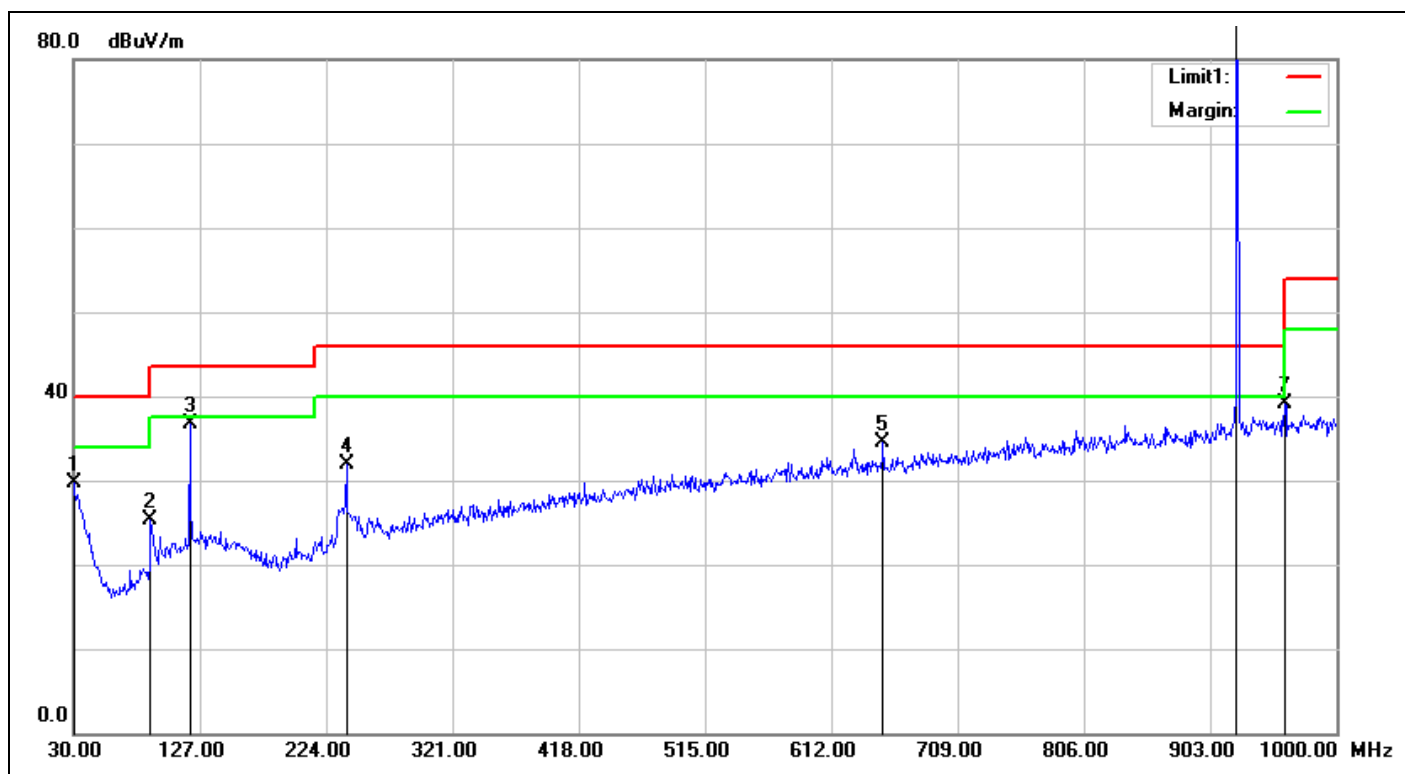
# Spurious Emissions, TX Mode, 30M-1G



TUV Taiwan

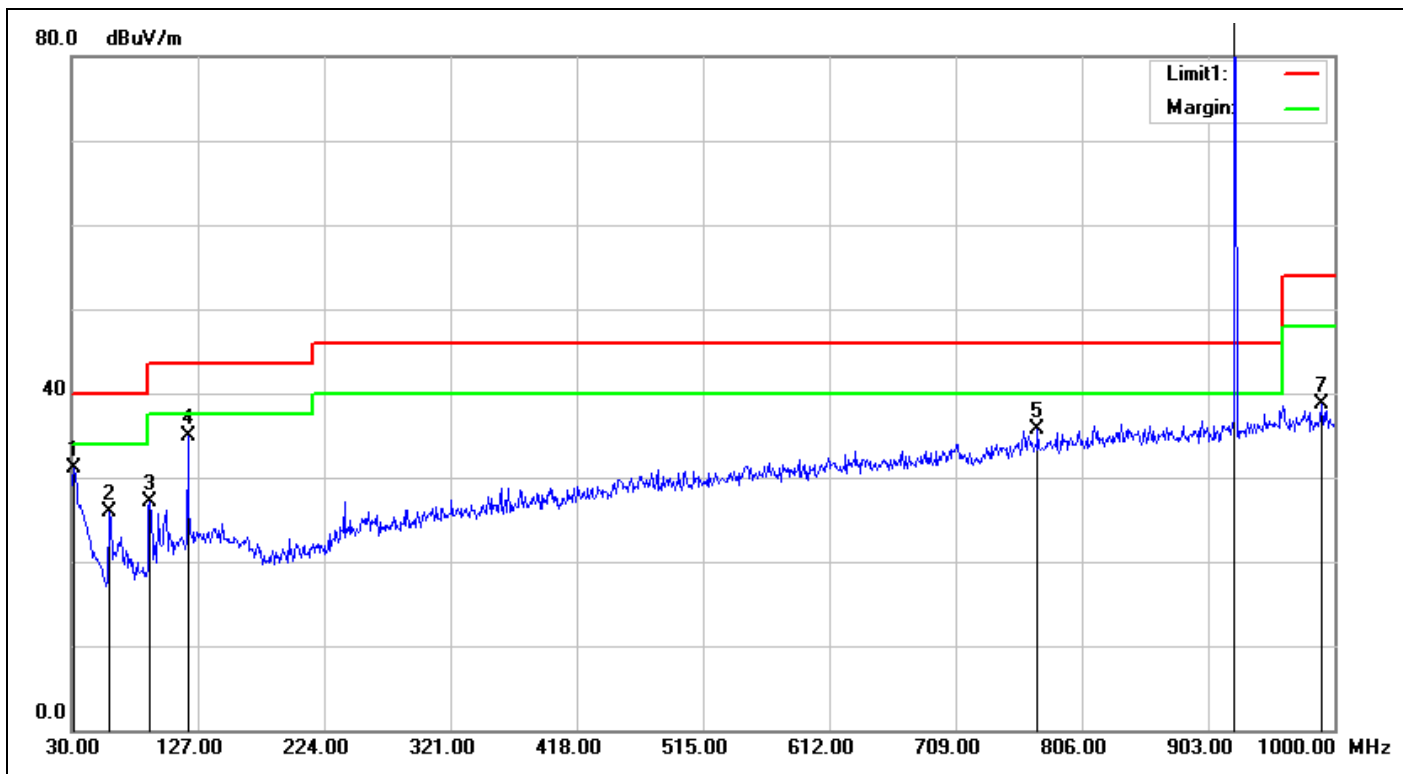
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105

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



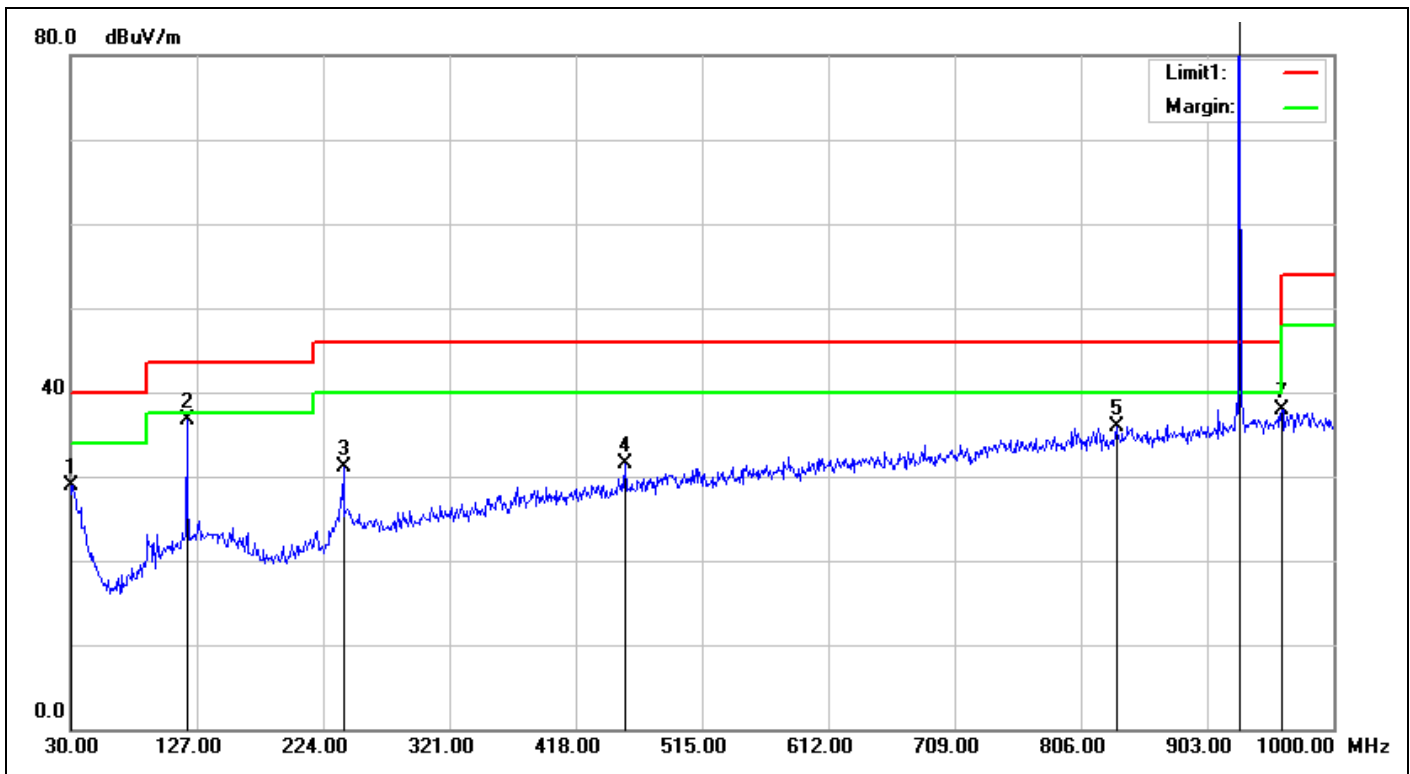
Service No.:	114058583	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/17 17:26:50
Applicant:	Liyatech	Test Rating:	DC 5V
Product:	LRM001	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	LRM001-915	Test Engineer:	George Yang
Test Mode:	923.3-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	29.76	29.69	40.00	-10.31	QP	100	155	
2	89.1700	-10.94	36.17	25.23	43.50	-18.27	QP	100	109	
3	119.2400	-7.40	44.19	36.79	43.50	-6.71	QP	100	112	
4	239.5200	-6.73	38.63	31.90	46.00	-14.10	QP	100	279	
5	651.7700	0.57	33.84	34.41	46.00	-11.59	QP	100	277	
6	923.3700	4.73	99.14	103.87	46.00	57.87	QP	100	216	Fundamental
7	960.2300	5.48	33.56	39.04	54.00	-14.96	QP	100	332	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 17:27:54</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>923.3-TX</b>		
<b>Remark:</b>			

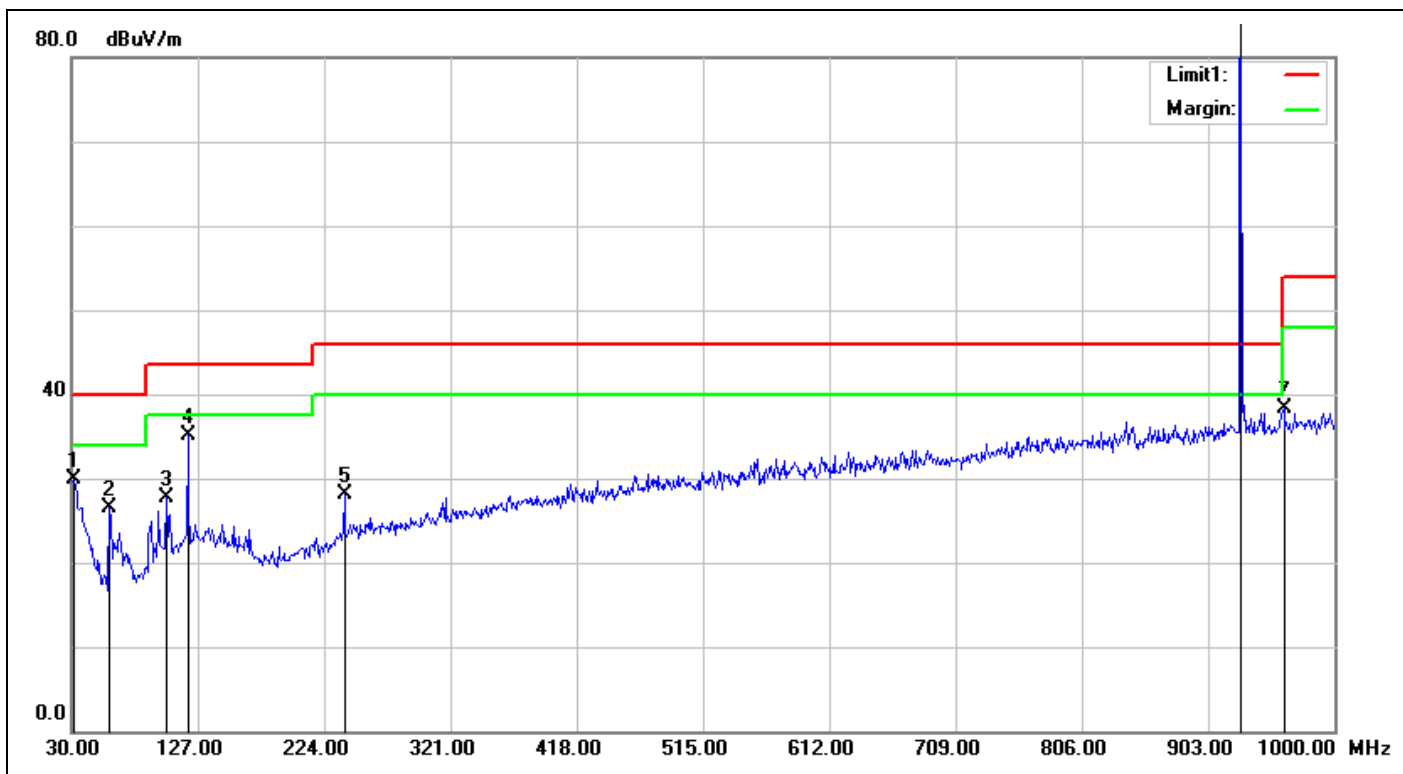
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth ( ° )	Remark
1	31.9400	-1.18	32.34	31.16	40.00	-8.84	QP	100	176	
2	59.1000	-13.51	39.47	25.96	40.00	-14.04	QP	100	259	
3	90.1400	-10.84	37.94	27.10	43.50	-16.40	QP	100	12	
4	119.2400	-7.40	42.35	34.95	43.50	-8.55	QP	100	19	
5	772.0500	2.56	33.14	35.70	46.00	-10.30	QP	100	181	
6	923.3700	4.73	91.82	96.55	46.00	50.55	QP	100	17	Fundamental
7	990.3000	5.74	32.87	38.61	54.00	-15.39	QP	100	219	



Service No.:	114058583	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2017/2/17 17:30:19
Applicant:	Liyatech	Test Rating:	DC 5V
Product:	LRM001	Temp.(°C)/Hum.(%)	20.6(°C)/52%
Model No.:	LRM001-915	Test Engineer:	George Yang
Test Mode:	927.5-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	29.05	28.98	40.00	-11.02	QP	100	359	
2	119.2400	-7.40	44.02	36.62	43.50	-6.88	QP	100	123	
3	239.5200	-6.73	37.78	31.05	46.00	-14.95	QP	100	272	
4	455.8300	-1.94	33.47	31.53	46.00	-14.47	QP	100	67	
5	833.1600	3.39	32.54	35.93	46.00	-10.07	QP	100	25	
6	928.2200	4.84	98.97	103.81	46.00	57.81	QP	100	218	Fundamental
7	960.2300	5.48	32.52	38.00	54.00	-16.00	QP	100	325	





Service No.:	114058583	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2017/2/17 17:31:22
Applicant:	Liyatech	Test Rating:	DC 5V
Product:	LRM001	Temp.(°C)/Hum.(%):	20.6(°C)/52%
Model No.:	LRM001-915	Test Engineer:	George Yang
Test Mode:	927.5-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	31.9400	-1.18	31.09	29.91	40.00	-10.09	QP	100	99	
2	59.1000	-13.51	40.03	26.52	40.00	-13.48	QP	100	246	
3	102.7500	-9.11	36.75	27.64	43.50	-15.86	QP	100	222	
4	119.2400	-7.40	42.42	35.02	43.50	-8.48	QP	100	36	
5	239.5200	-6.73	34.85	28.12	46.00	-17.88	QP	100	193	
6	928.2200	4.84	92.41	97.25	46.00	51.25	QP	100	193	Fundamental
7	961.2000	5.48	32.73	38.21	54.00	-15.79	QP	100	243	

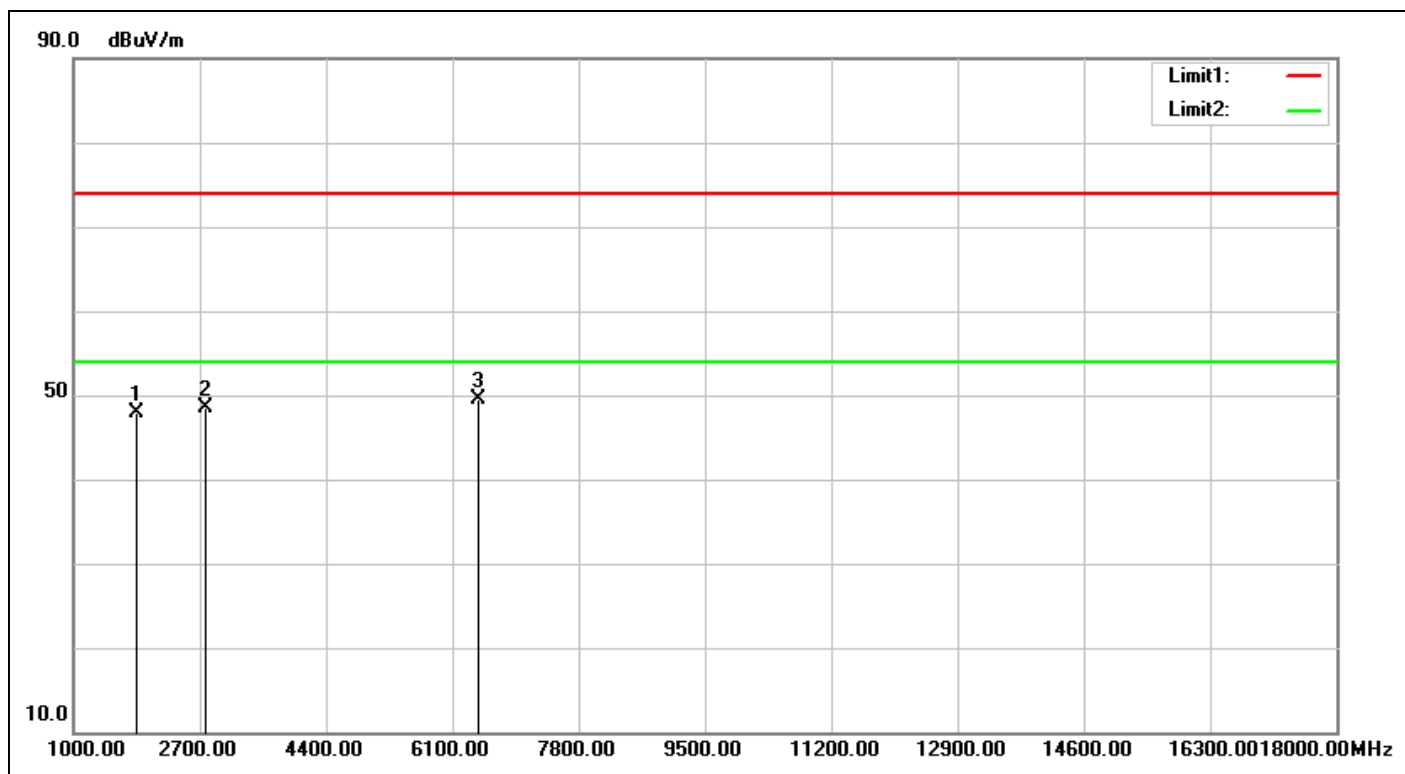
# Spurious Emissions, TX Mode, 1-18G



**TUV Taiwan**

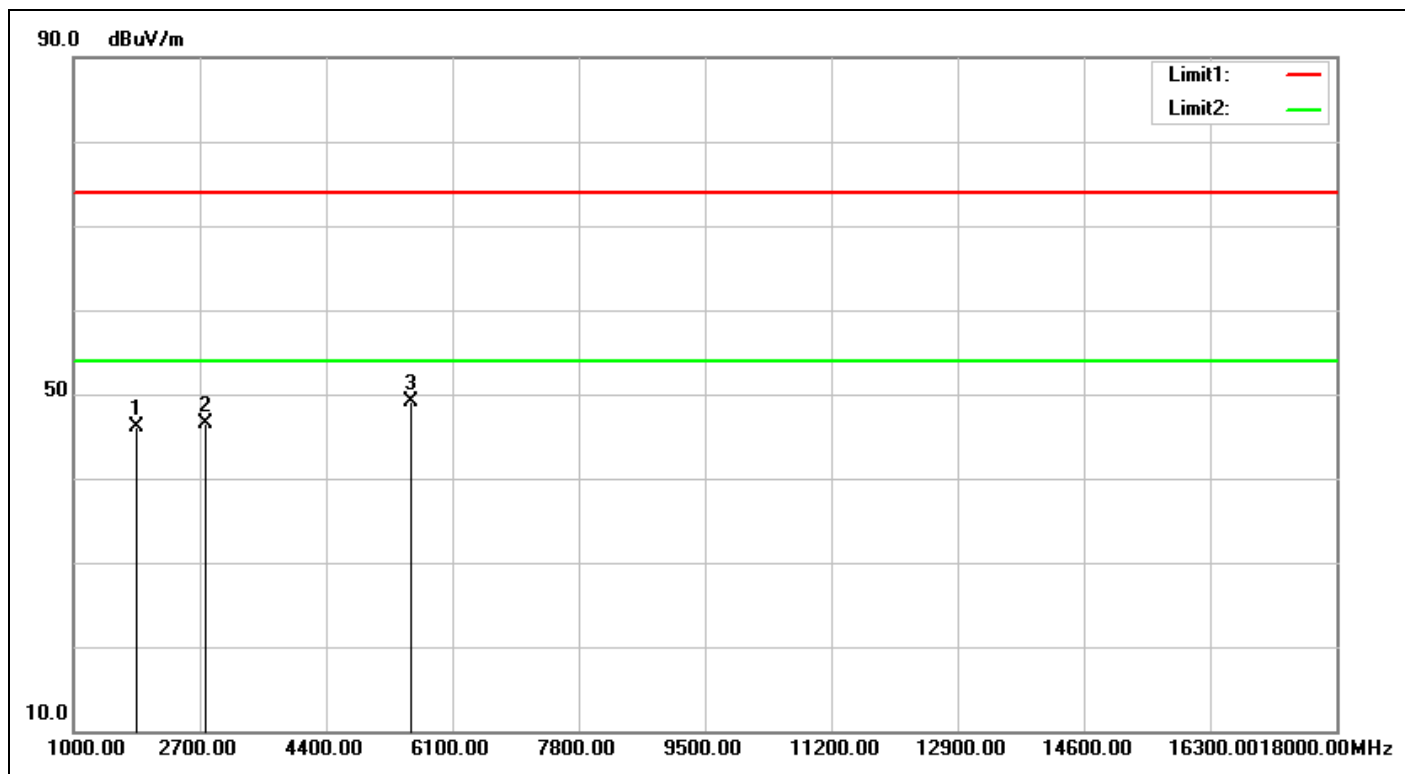
**11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105**

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



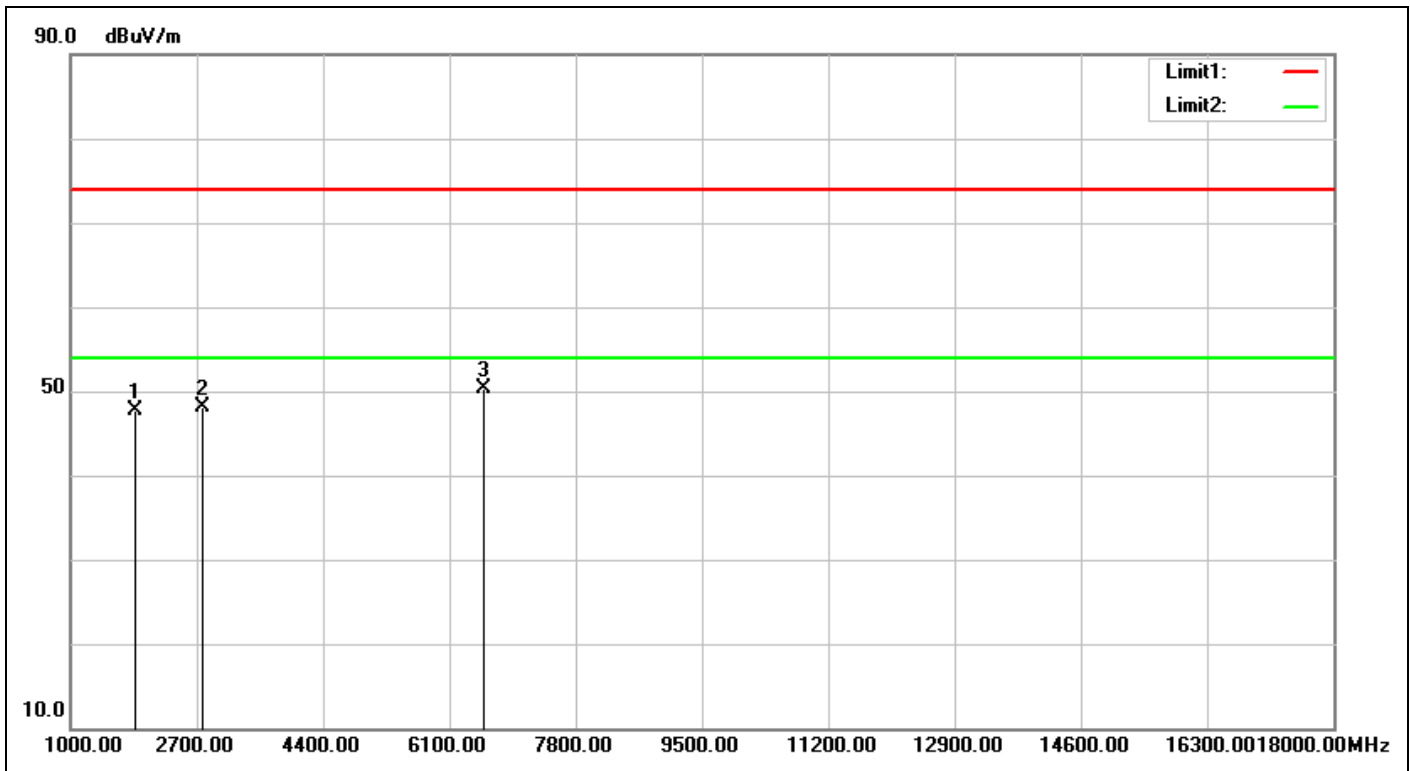
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:47:18</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>923.3-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	1846.600	-9.09	57.01	47.92	74.00	-26.08	peak	100	194	
2	2769.900	-7.51	55.95	48.44	74.00	-25.56	peak	100	199	
3	6440.000	4.31	45.14	49.45	74.00	-24.55	peak	100	191	



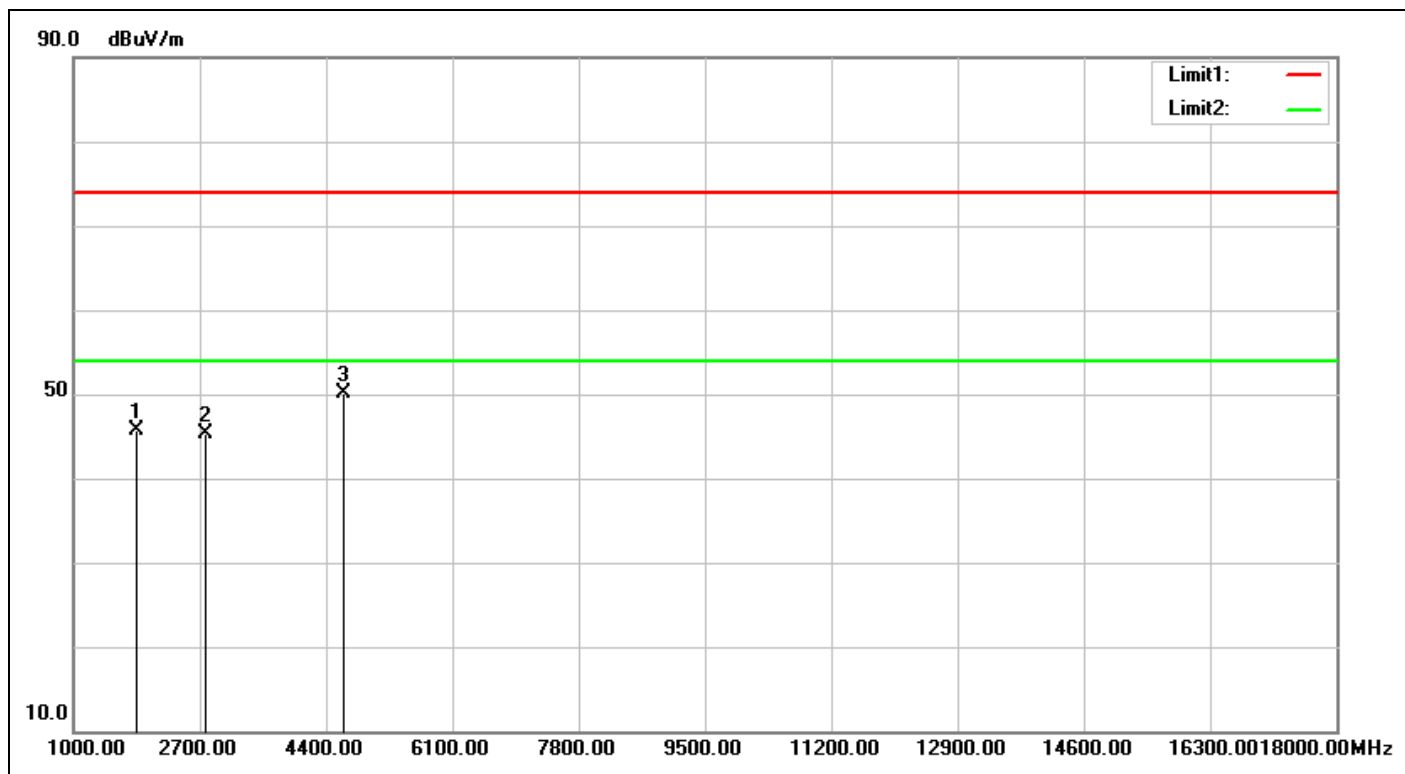
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:48:21</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>923.3-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	1846.600	-9.09	55.28	46.19	74.00	-27.81	peak	100	302	
2	2769.900	-7.51	54.01	46.50	74.00	-27.50	peak	100	213	
3	5539.000	-0.32	49.51	49.19	74.00	-24.81	peak	100	25	



<b>Service No.:</b>	<b>114058583</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>2017/2/17 20:51:04</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.5-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	1855.000	-9.03	56.76	47.73	74.00	-26.27	peak	100	197	
2	2782.500	-7.49	55.66	48.17	74.00	-25.83	peak	100	200	
3	6559.000	4.45	45.93	50.38	74.00	-23.62	peak	100	291	



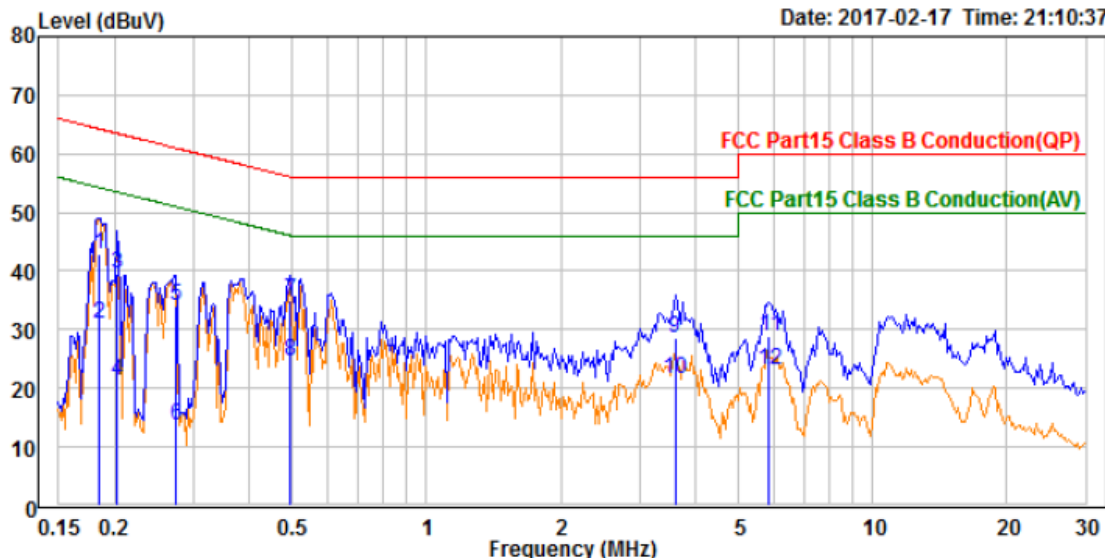
<b>Service No.:</b>	<b>114058583</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/2/17 20:52:07</b>
<b>Applicant:</b>	<b>Liyatech</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>LRM001</b>	<b>Temp.(°C)/Hum.(%)</b>	<b>20.6(°C)/52%</b>
<b>Model No.:</b>	<b>LRM001-915</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>927.5-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	1855.000	-9.03	54.78	45.75	74.00	-28.25	peak	100	298	
2	2782.500	-7.49	52.83	45.34	74.00	-28.66	peak	100	235	
3	4638.000	-3.64	53.82	50.18	74.00	-23.82	peak	100	41	

# Mains Spurious Emissions

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Date: 2017-02-17 Time: 21:10:37



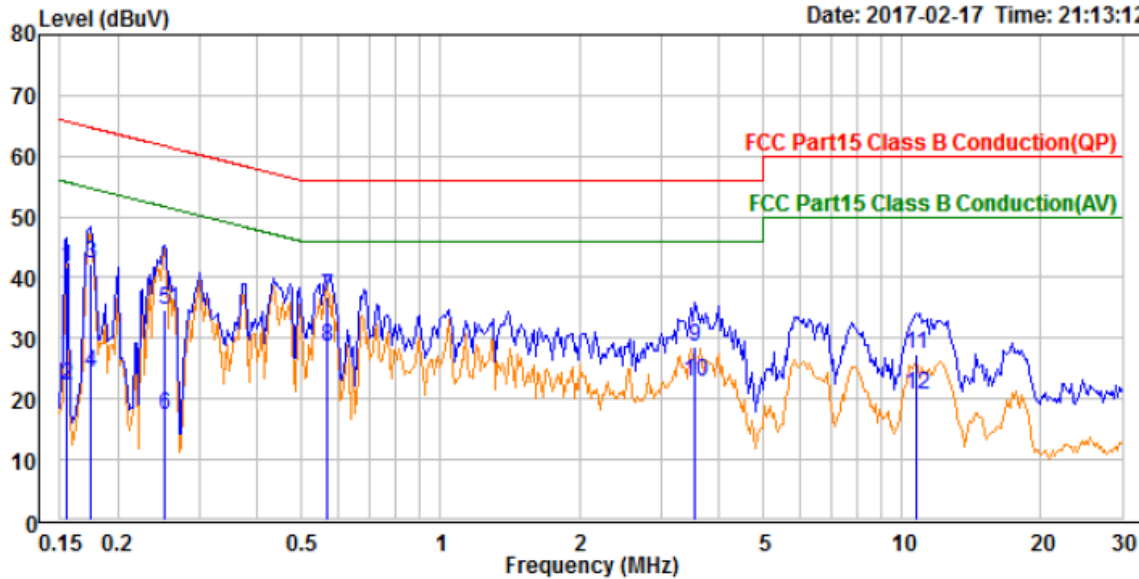
Trace: 1

Site : Conduction room  
Condition : FCC Part15 Class B Conduction(QP) line1  
Test Engineer: George Yang  
Applicant : Liyatech  
Product : LRM001  
Model No. : LRM001-915  
Test Rating : 120Vac/60Hz  
Tmp/Hum : 22.2°C / 42%  
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.185	43.01	33.25	9.76	64.24	-21.23	QP
2	0.185	31.16	21.40	9.76	54.24	-23.08	Average
3	0.202	39.58	29.82	9.76	63.54	-23.96	QP
4	0.202	21.14	11.38	9.76	53.54	-32.40	Average
5	0.274	33.95	24.20	9.75	60.98	-27.03	QP
6	0.274	13.72	3.97	9.75	50.98	-37.26	Average
7	0.497	35.03	25.28	9.75	56.05	-21.02	QP
8	0.497	24.61	14.86	9.75	46.05	-21.44	Average
9	3.603	28.50	18.70	9.80	56.00	-27.50	QP
10	3.603	21.57	11.77	9.80	46.00	-24.43	Average
11	5.867	28.90	19.09	9.81	60.00	-31.10	QP
12	5.867	23.06	13.25	9.81	50.00	-26.94	Average

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Date: 2017-02-17 Time: 21:13:12



Trace: 1

Site : Conduction room  
Condition : FCC Part15 Class B Conduction(QP) neutral  
Test Engineer: George Yang  
Applicant : Liyatech  
Product : LRM001  
Model No. : LRM001-915  
Test Rating : 120Vac/60Hz  
Tmp/Hum : 22.2°C / 42%  
Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.155	41.70	31.97	9.73	65.74	-24.04	QP
2	0.155	22.21	12.48	9.73	55.74	-33.53	Average
3	0.174	42.40	32.69	9.71	64.77	-22.37	QP
4	0.174	24.48	14.77	9.71	54.77	-30.29	Average
5	0.252	34.78	25.10	9.68	61.69	-26.91	QP
6	0.252	17.25	7.57	9.68	51.69	-34.44	Average
7	0.570	36.83	27.14	9.69	56.00	-19.17	QP
8	0.570	28.70	19.01	9.69	46.00	-17.30	Average
9	3.565	28.62	18.91	9.71	56.00	-27.38	QP
10	3.565	22.87	13.16	9.71	46.00	-23.13	Average
11	10.733	27.36	17.51	9.85	60.00	-32.64	QP
12	10.733	20.83	10.98	9.85	50.00	-29.17	Average