

# Test Report No.50086875 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50086875AppendixD)

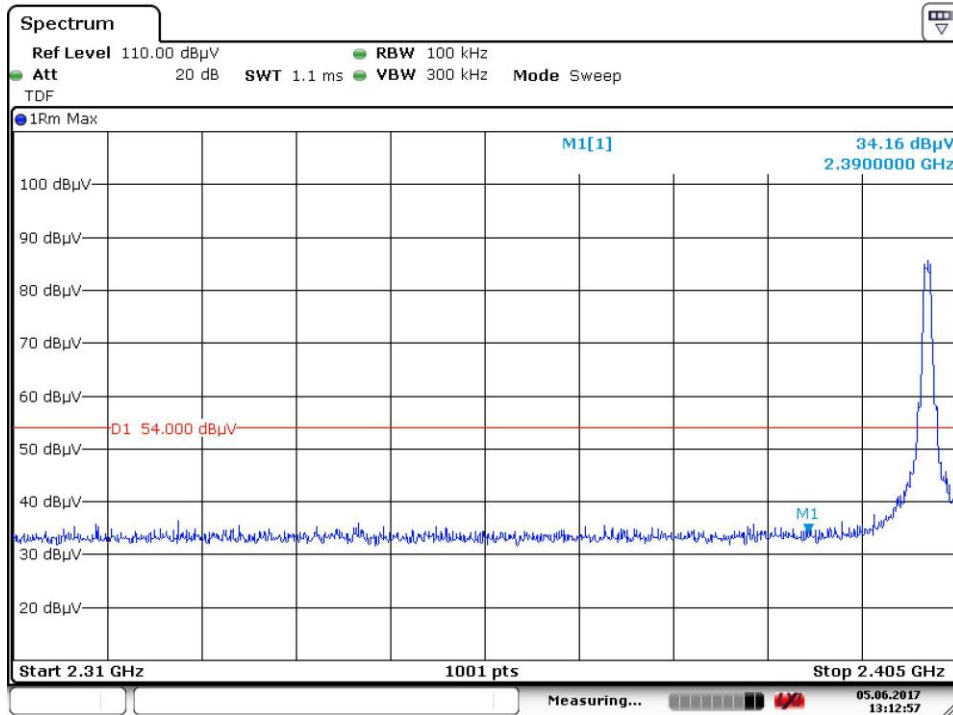
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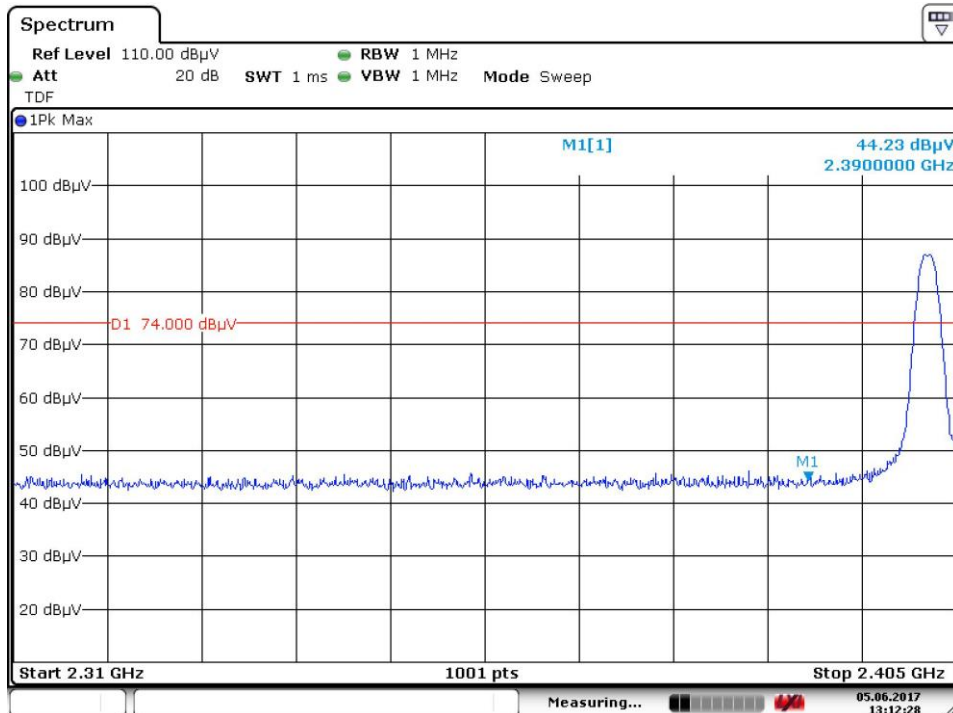
# Spurious Emissions, Band Edges, 2.35-2.5G

## Radiated Bandedge (GFSK)

### Low Channel (Hor)



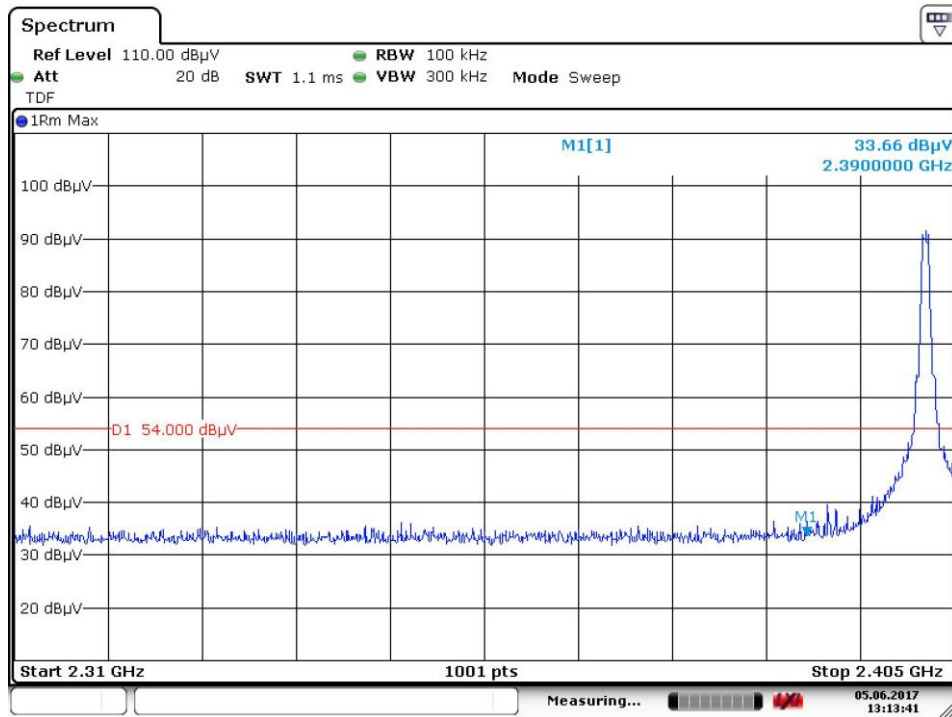
Date: 5.JUN.2017 13:12:56



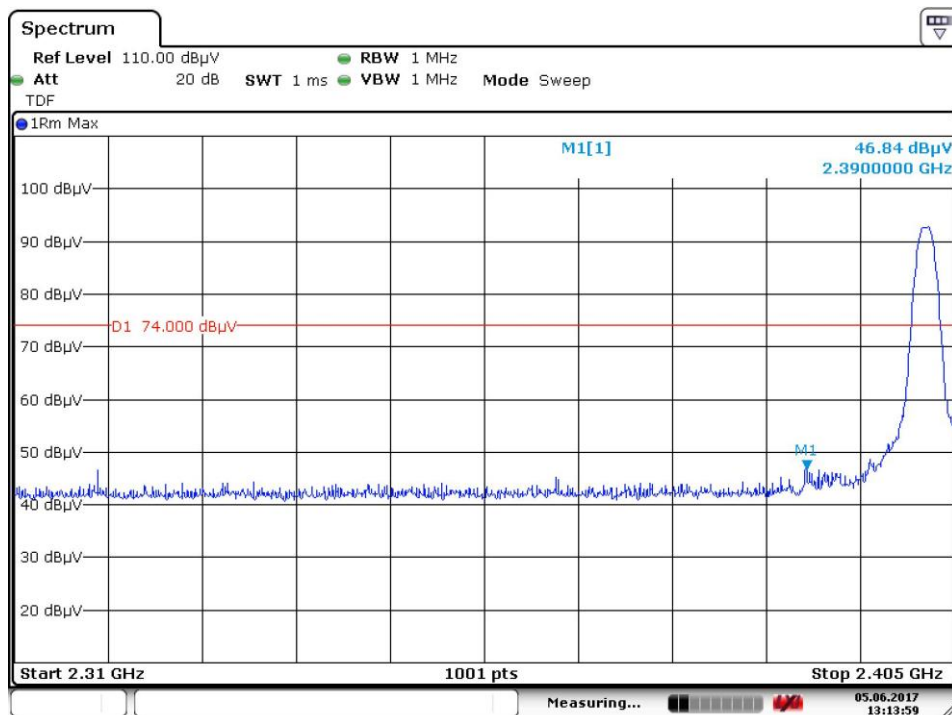
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# Spurious Emissions, Band Edge, 2.35-2.5G

# Low Channel (Ver)



Date: 5.JUN.2017 13:13:40

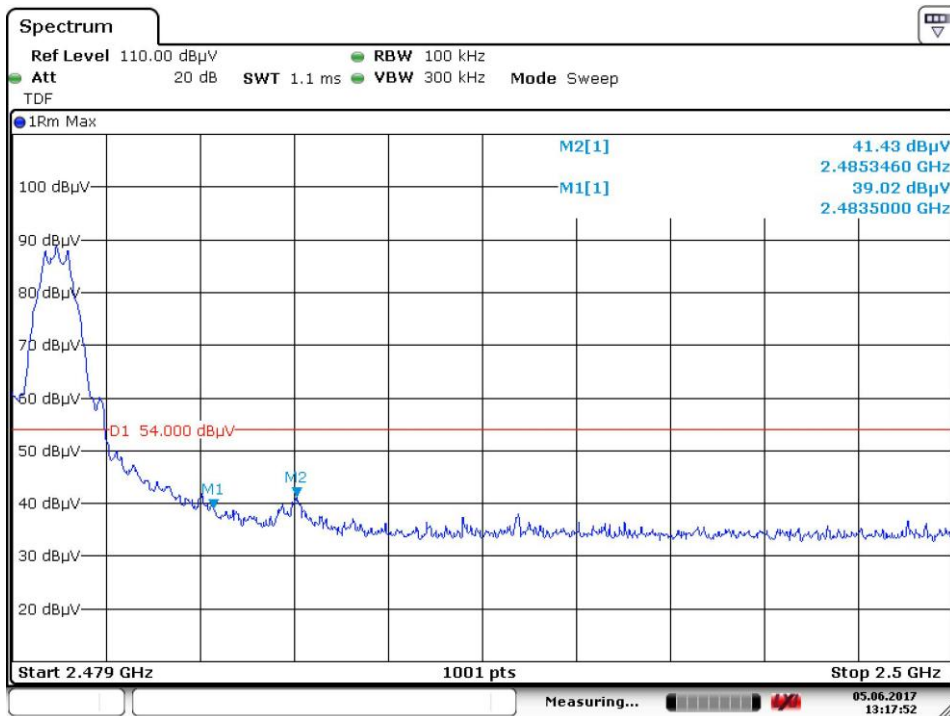


Date: 5.JUN.2017 13:13:58

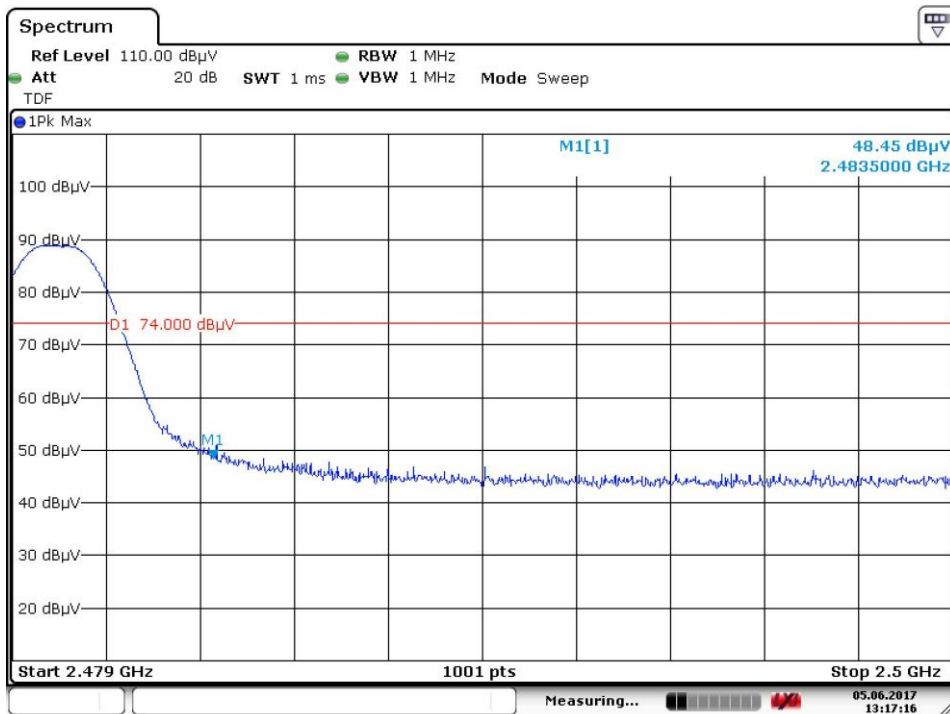
# Spurious Emissions, Band Edge, 2.35-2.5G

# Radiated Bandedge (GFSK)

## High Channel (Hor)



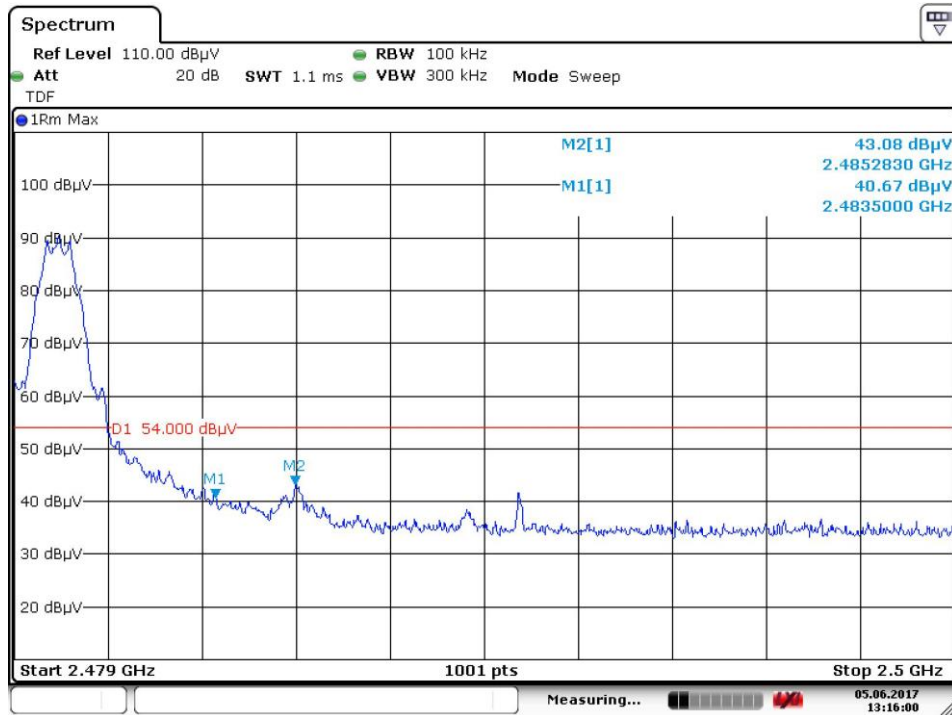
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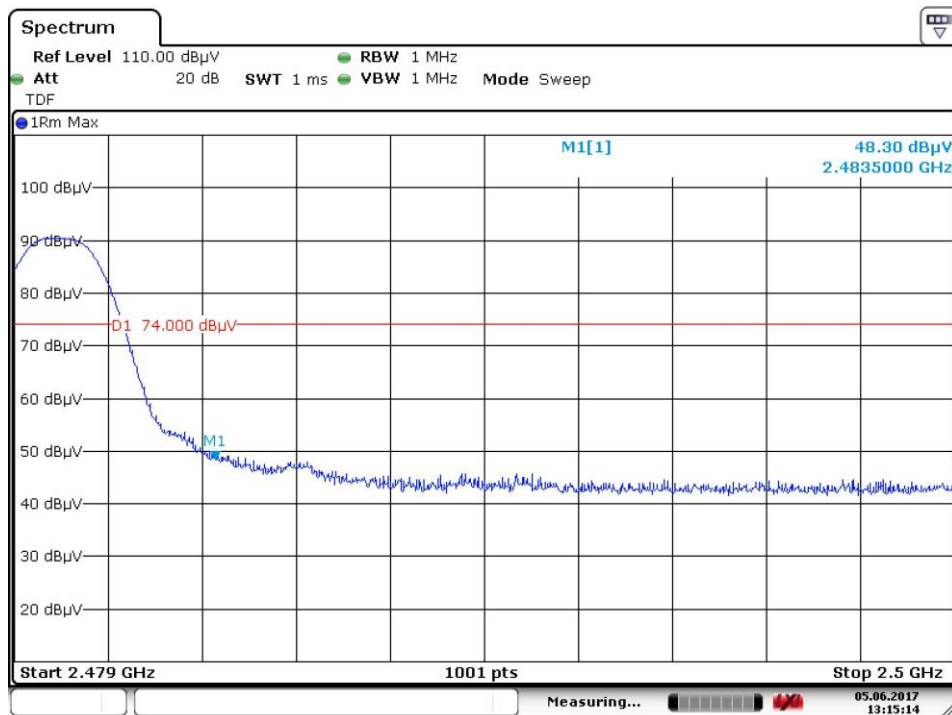
Date: 5.JUN.2017 13:17:16

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

# High Channel (Ver)



Date: 5.JUN.2017 13:16:00



Date: 5.JUN.2017 13:15:14

# Spurious Emissions, Band Edge, 2.35-2.5G

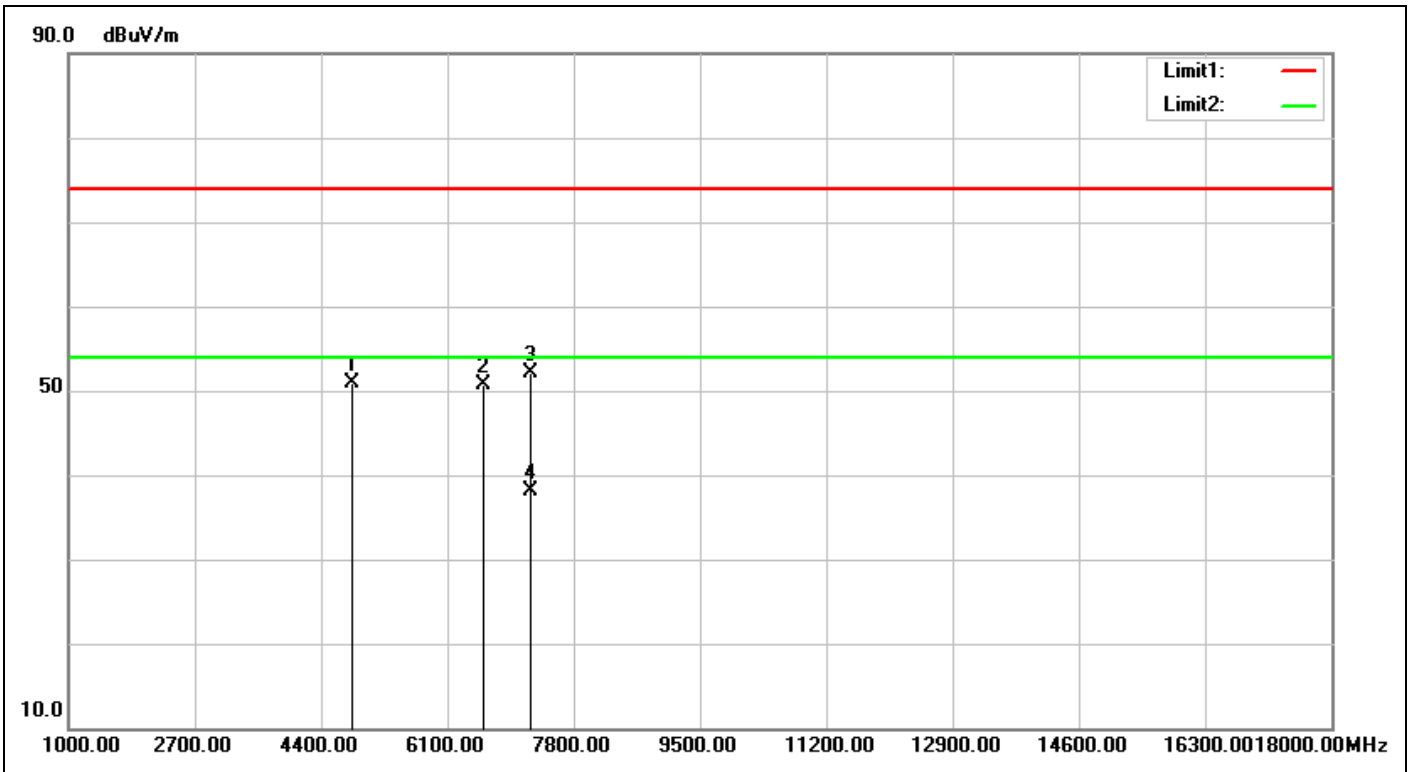
# Spurious Emissions, TX Mode, 1-18G



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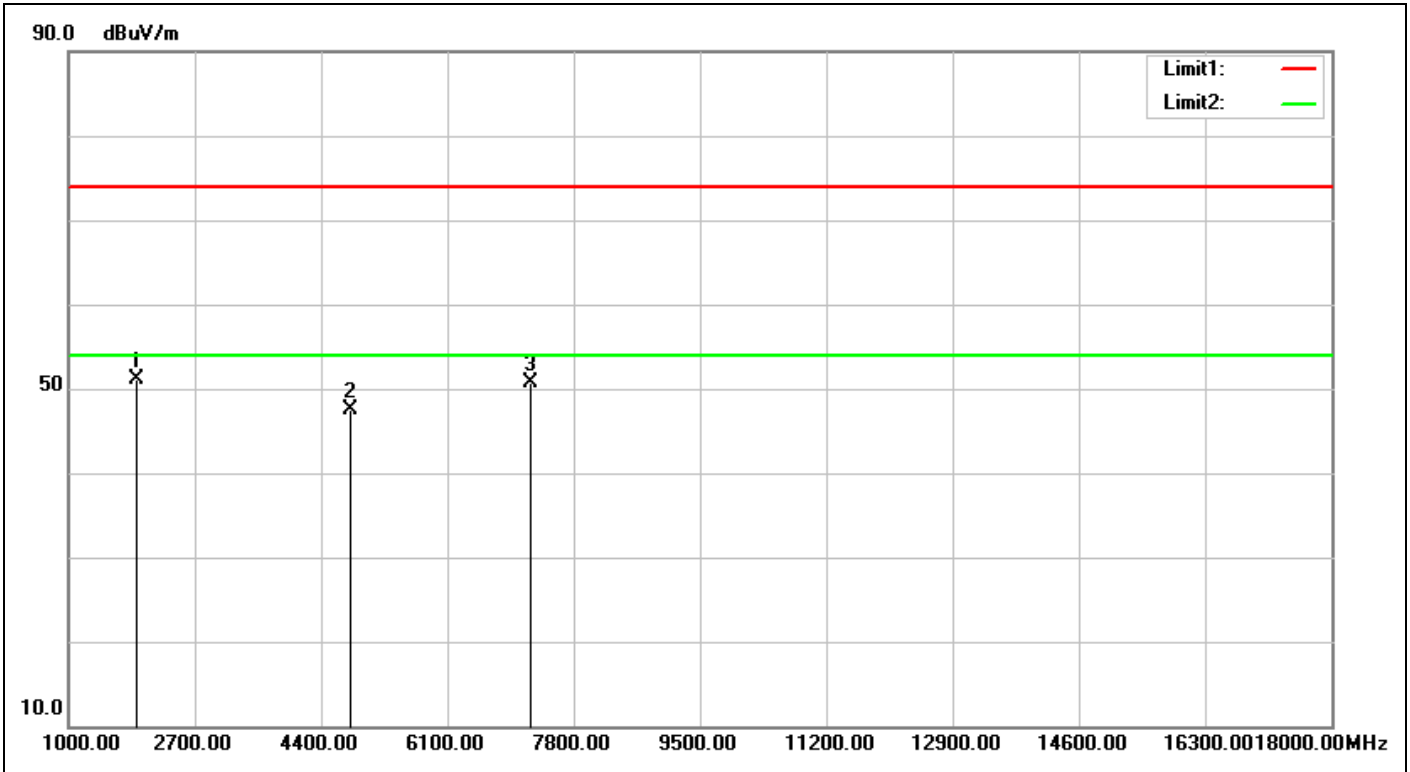
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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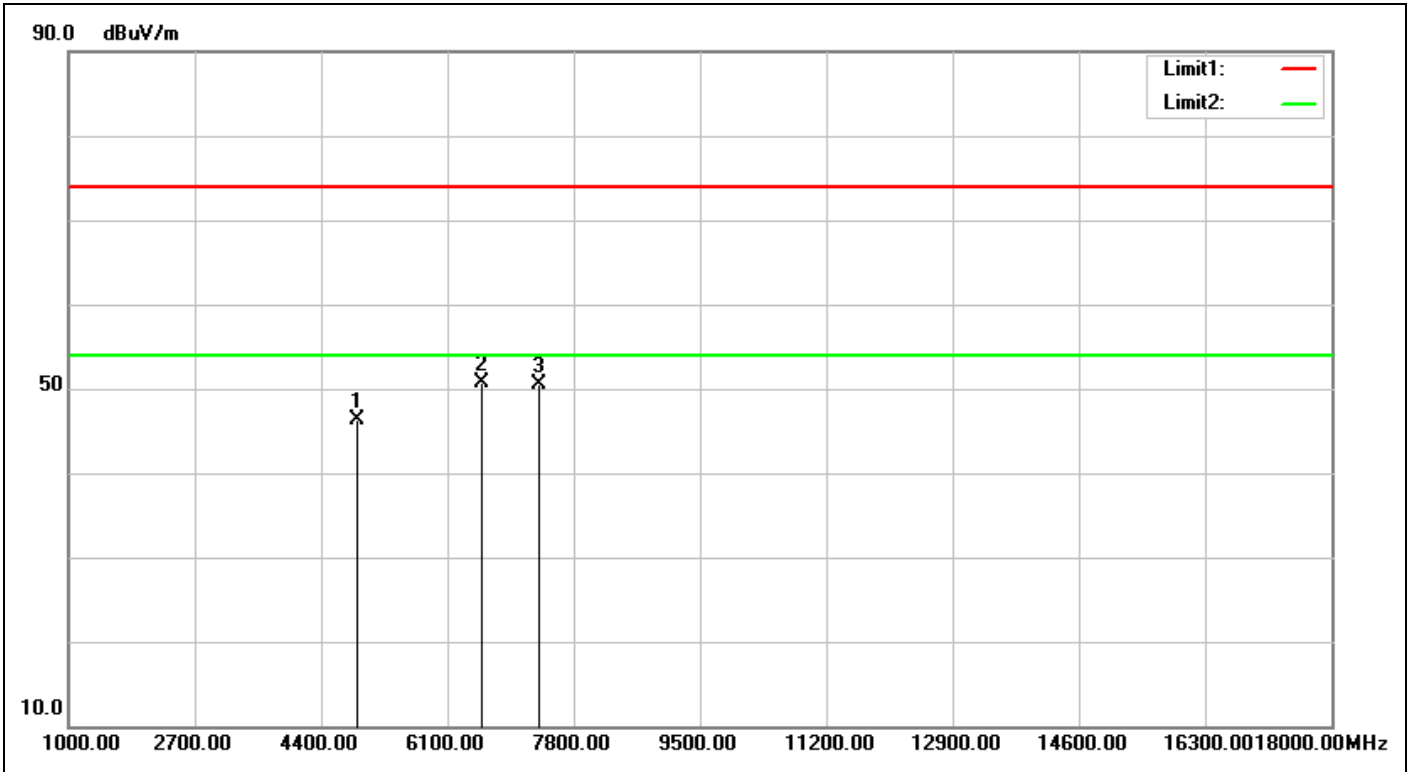
<b>Service No.:</b>	<b>114064476</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/6/5 13:21:20</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2402-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	4804.000	-2.70	53.56	50.86	74.00	-23.14	peak	100		
2	6576.000	5.55	45.12	50.67	74.00	-23.33	peak	100	106	
3	7206.000	5.58	46.59	52.17	74.00	-21.83	peak	100	42	
4	7206.000	5.58	32.56	38.14	54.00	-15.86	AVG	100	42	



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:22:23</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2402-TX</b>		
<b>Remark:</b>			

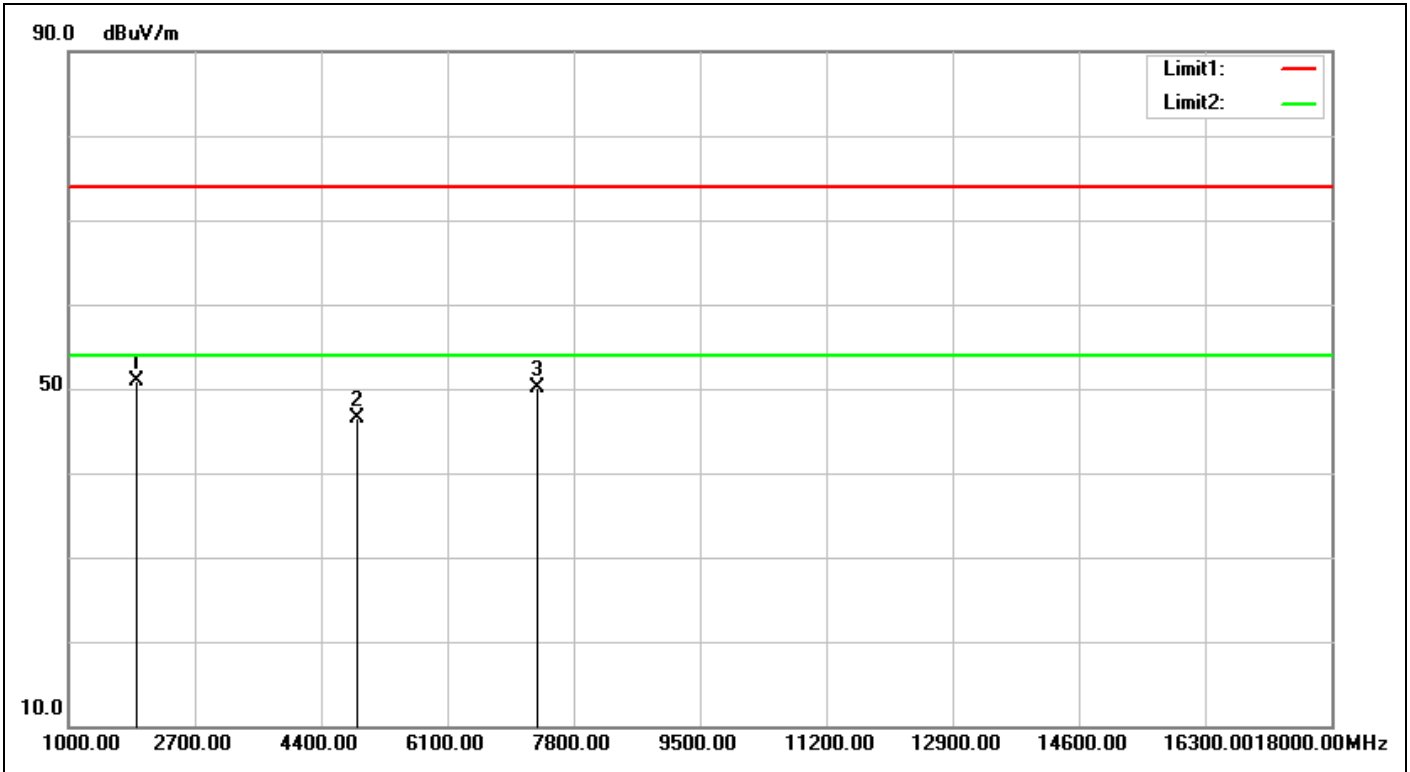
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	1918.000	-7.61	58.65	51.04	74.00	-22.96	peak	100	165	
2	4804.000	-2.70	50.18	47.48	74.00	-26.52	peak	100		
3	7206.000	5.58	45.07	50.65	74.00	-23.35	peak	100		



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:18:02</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-TX</b>		
<b>Remark:</b>			

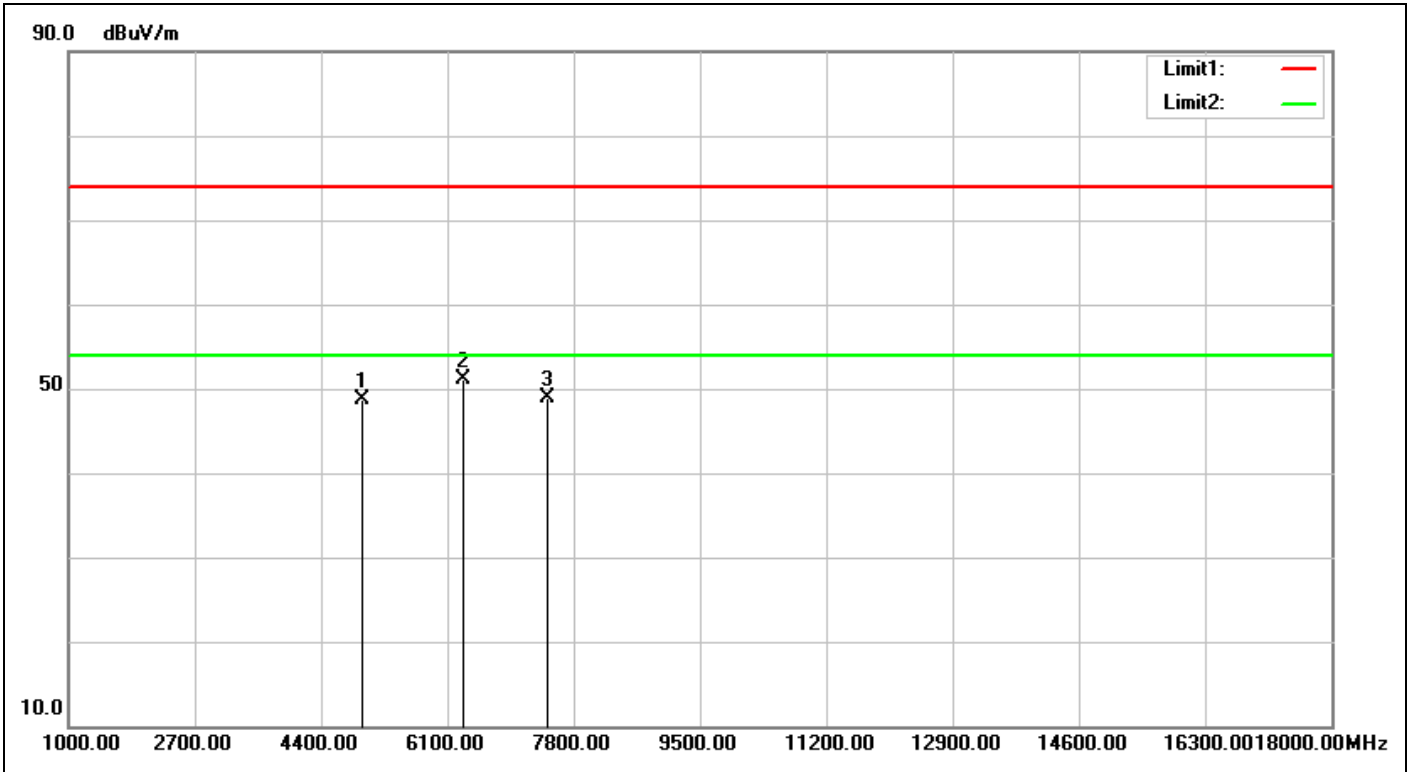
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.51	48.79	46.28	74.00	-27.72	peak	100		
2	6559.000	5.57	45.15	50.72	74.00	-23.28	peak	100	360	
3	7320.000	5.93	44.60	50.53	74.00	-23.47	peak	100		





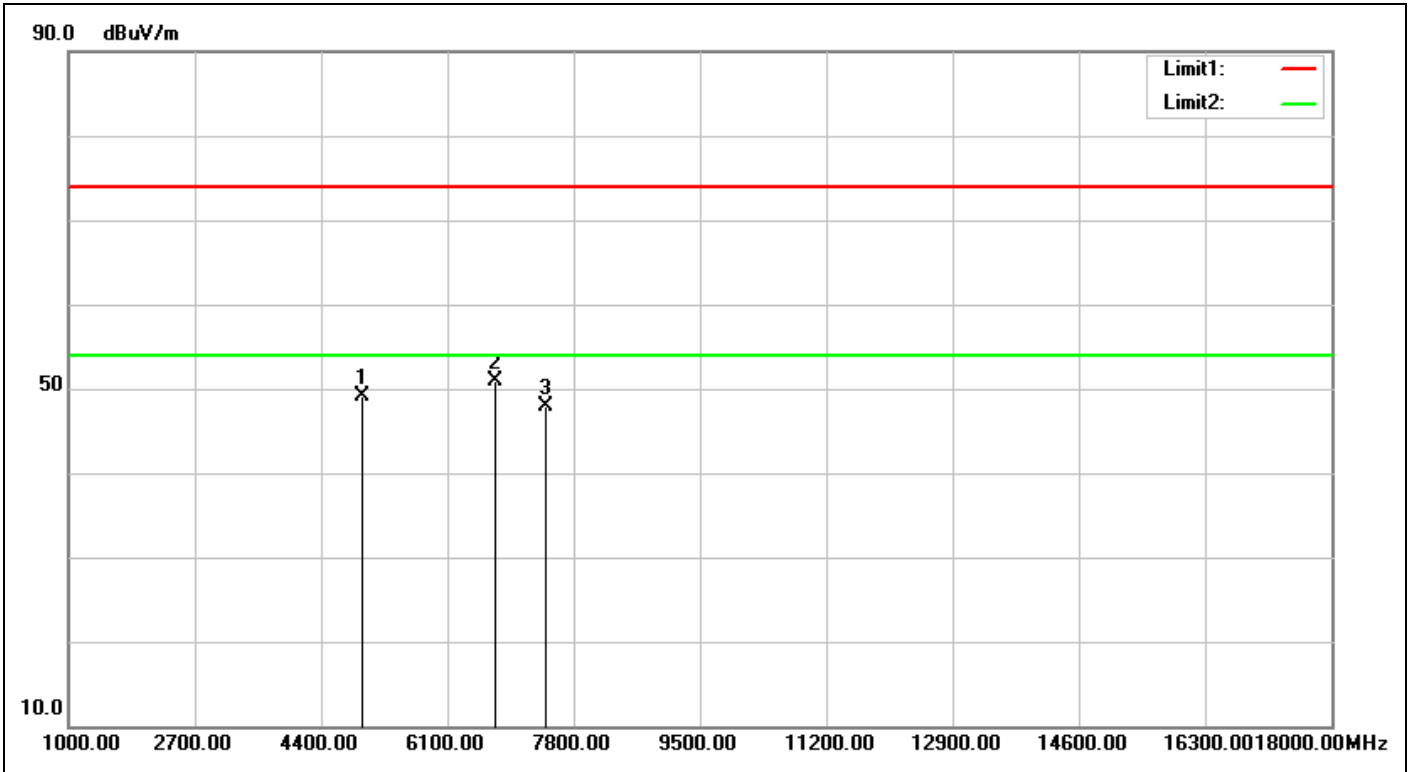
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/6/5 13:19:04</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	1918.000	-7.61	58.53	50.92	74.00	-23.08	peak	100	165	
2	4880.000	-2.51	48.93	46.42	74.00	-27.58	peak	100		
3	7320.000	5.93	44.14	50.07	74.00	-23.93	peak	100		



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:15:17</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2480-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	4960.000	-2.32	51.11	48.79	74.00	-25.21	peak	100		
2	6321.000	5.02	46.07	51.09	74.00	-22.91	peak	100	85	
3	7440.000	6.28	42.72	49.00	74.00	-25.00	peak	100		



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:16:19</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2480-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	4960.000	-2.32	51.34	49.02	74.00	-24.98	peak	100		
2	6746.000	5.31	45.52	50.83	74.00	-23.17	peak	100	223	
3	7440.000	6.28	41.72	48.00	74.00	-26.00	peak	100		

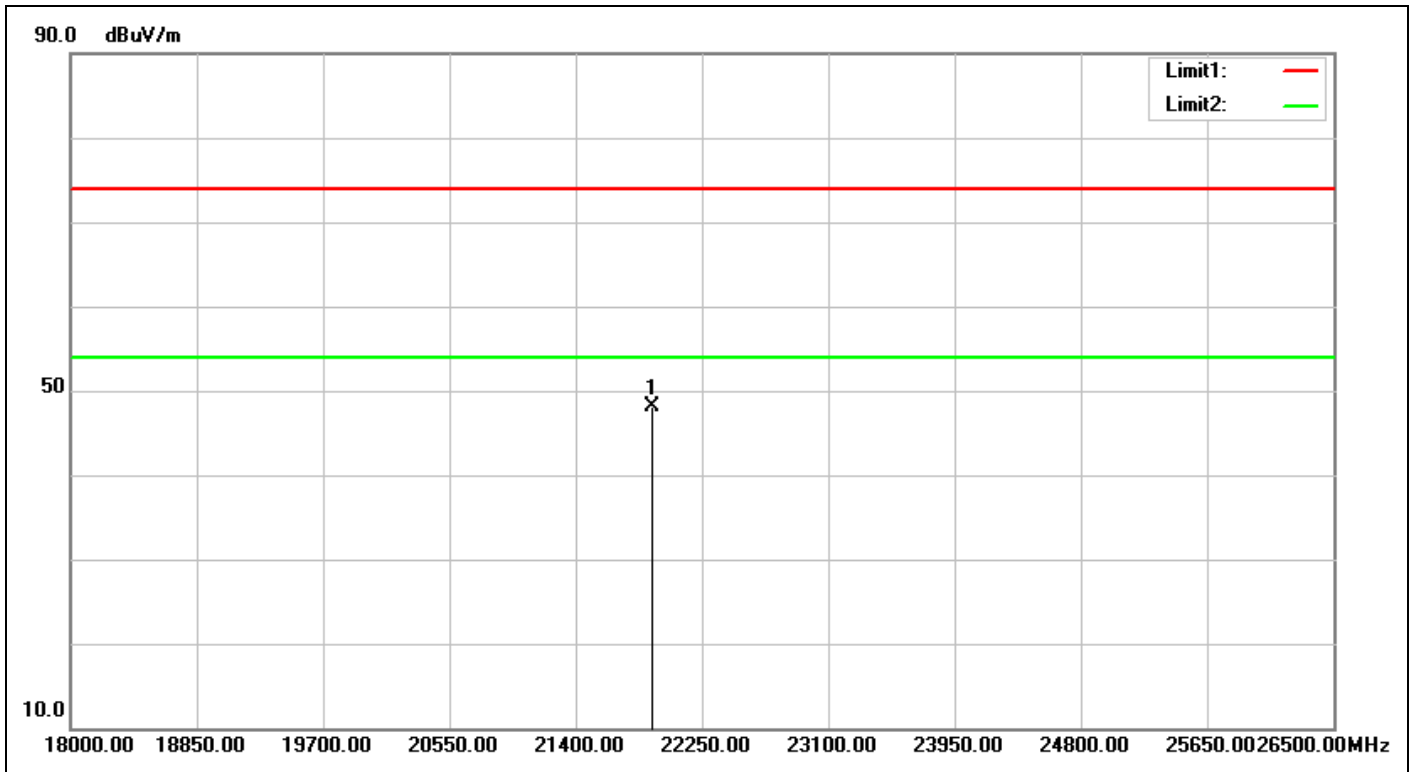
# Spurious Emissions, TX Mode, 18-26G



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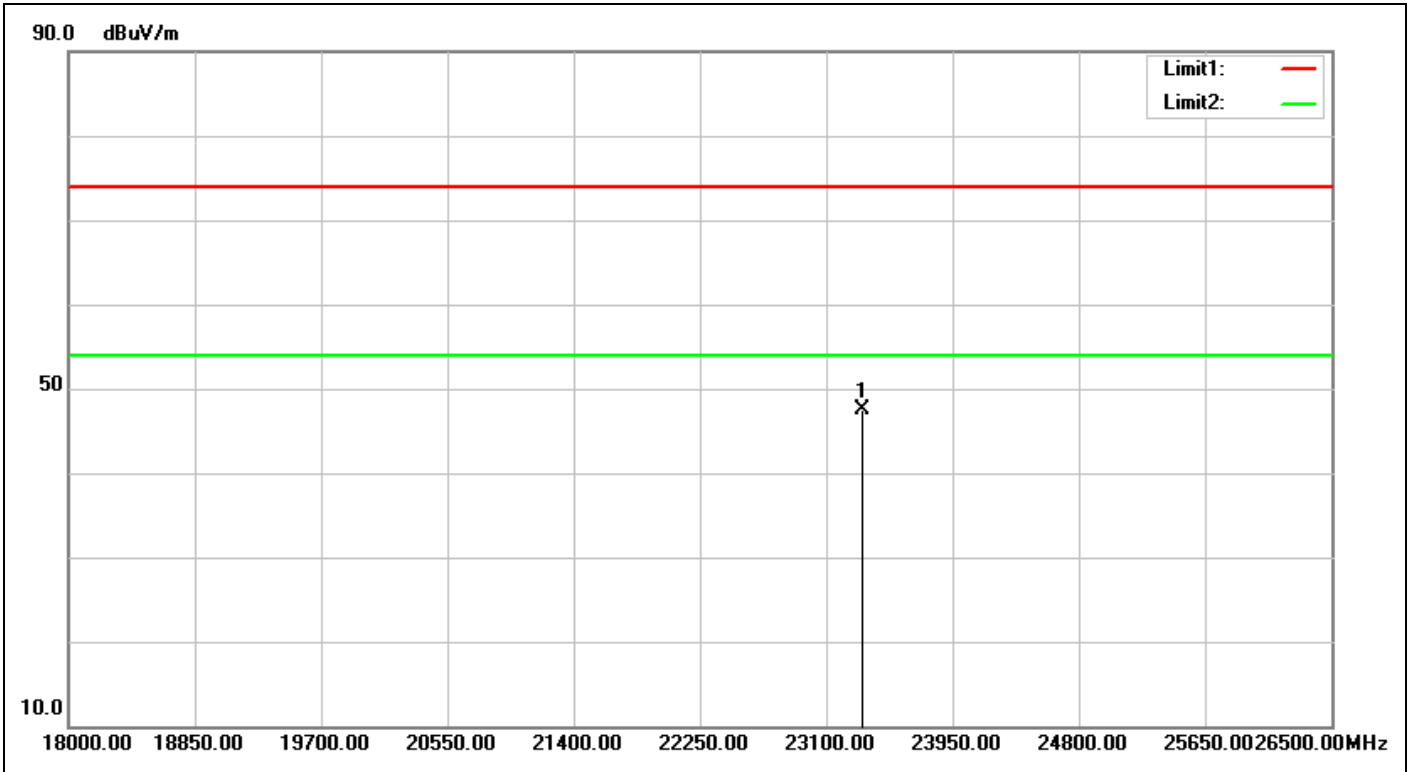
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Tel:+886-2172-7000 fax:+886-2528-0018



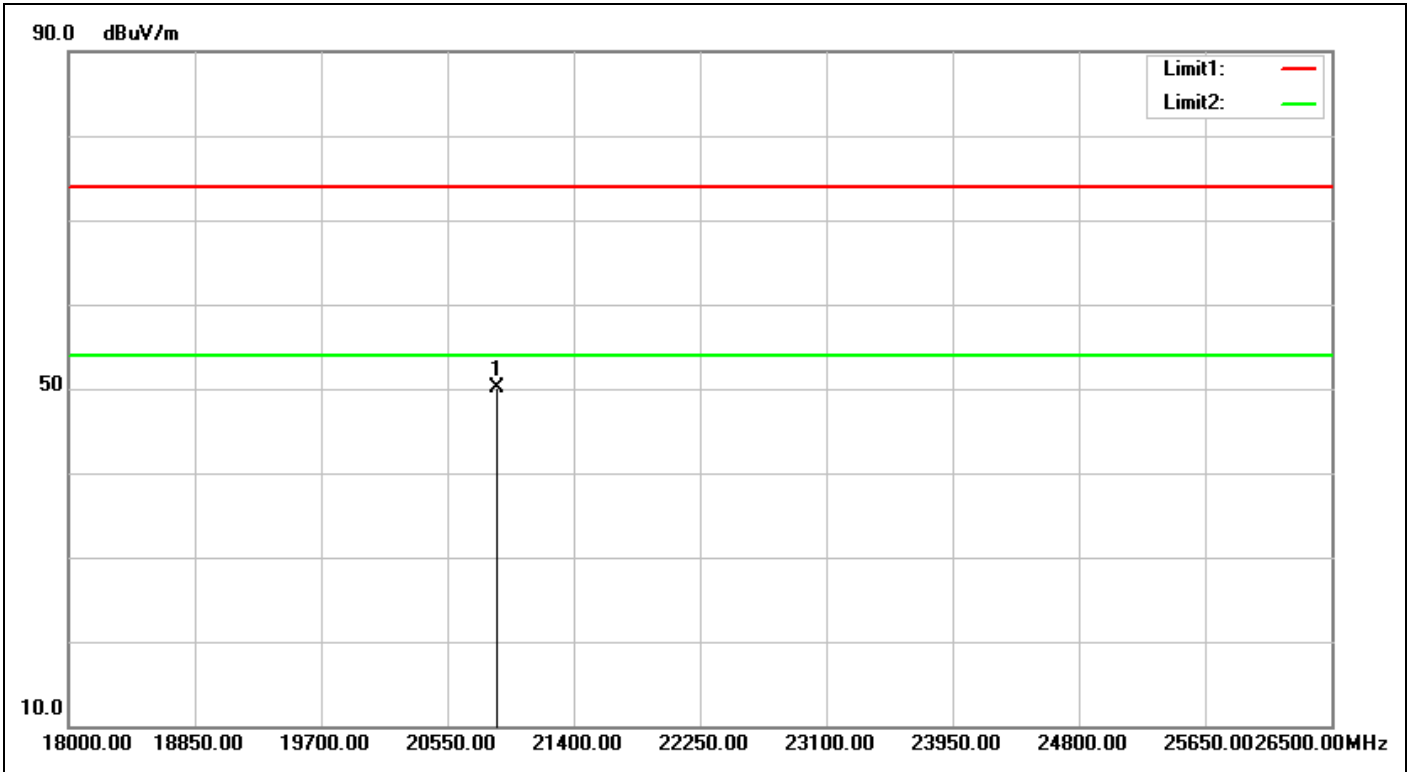
<b>Service No.:</b>	<b>114064476</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/6/5 13:36:26</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2402-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	21918.500	33.04	15.11	48.15	74.00	-25.85	peak	100	218	



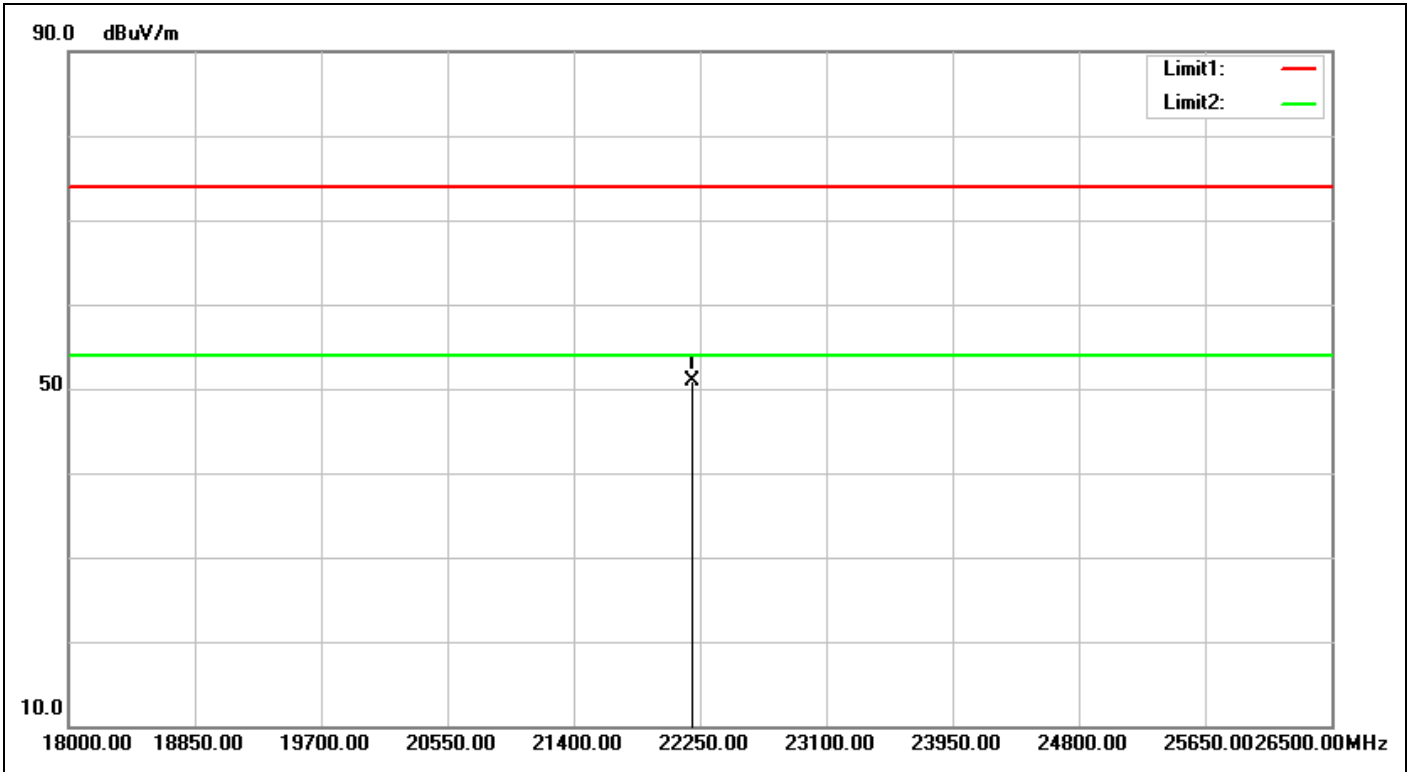
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/6/5 13:36:41</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2402-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	23346.500	32.74	14.83	47.57	74.00	-26.43	peak	100	342	



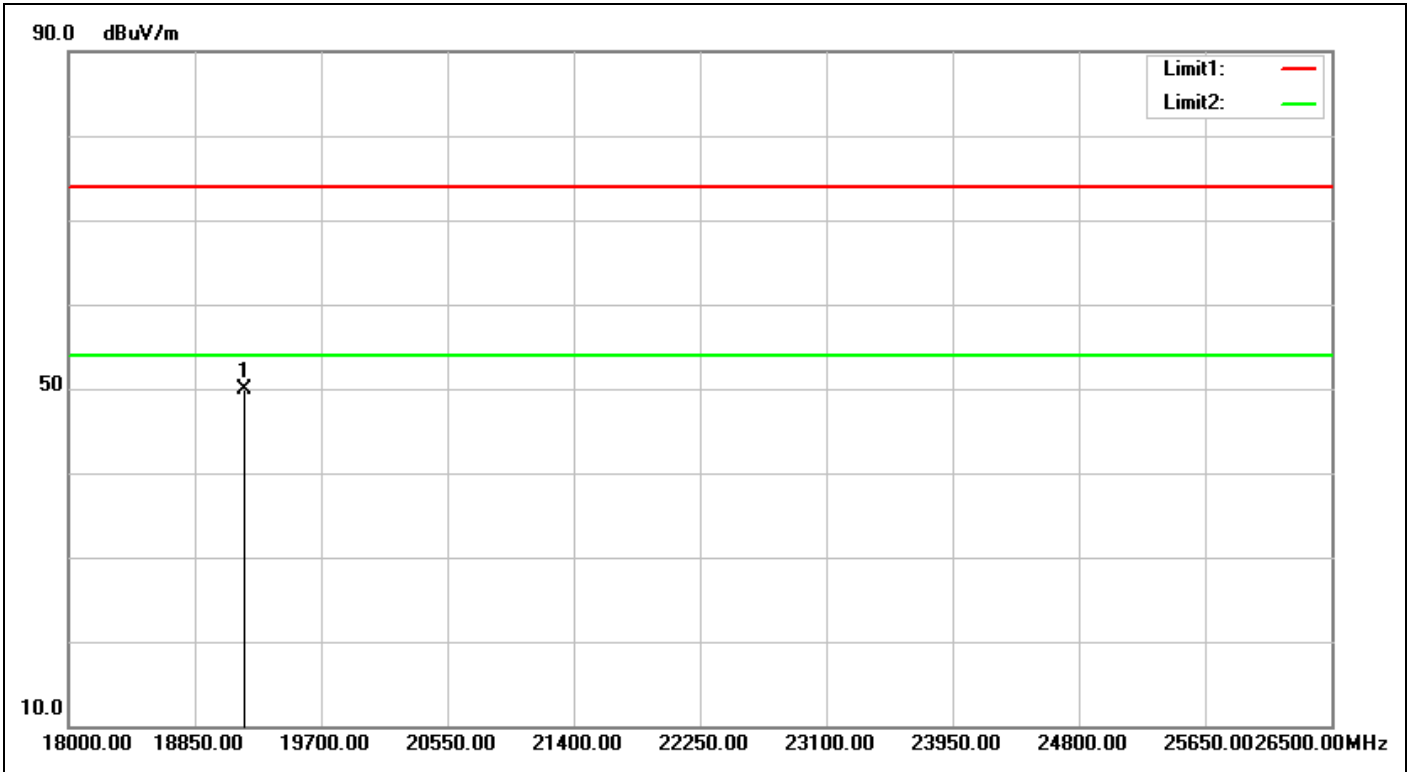
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<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2017/6/5 13:37:12</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	20881.500	31.88	18.14	50.02	74.00	-23.98	peak	100		



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:37:23</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-TX</b>		
<b>Remark:</b>			

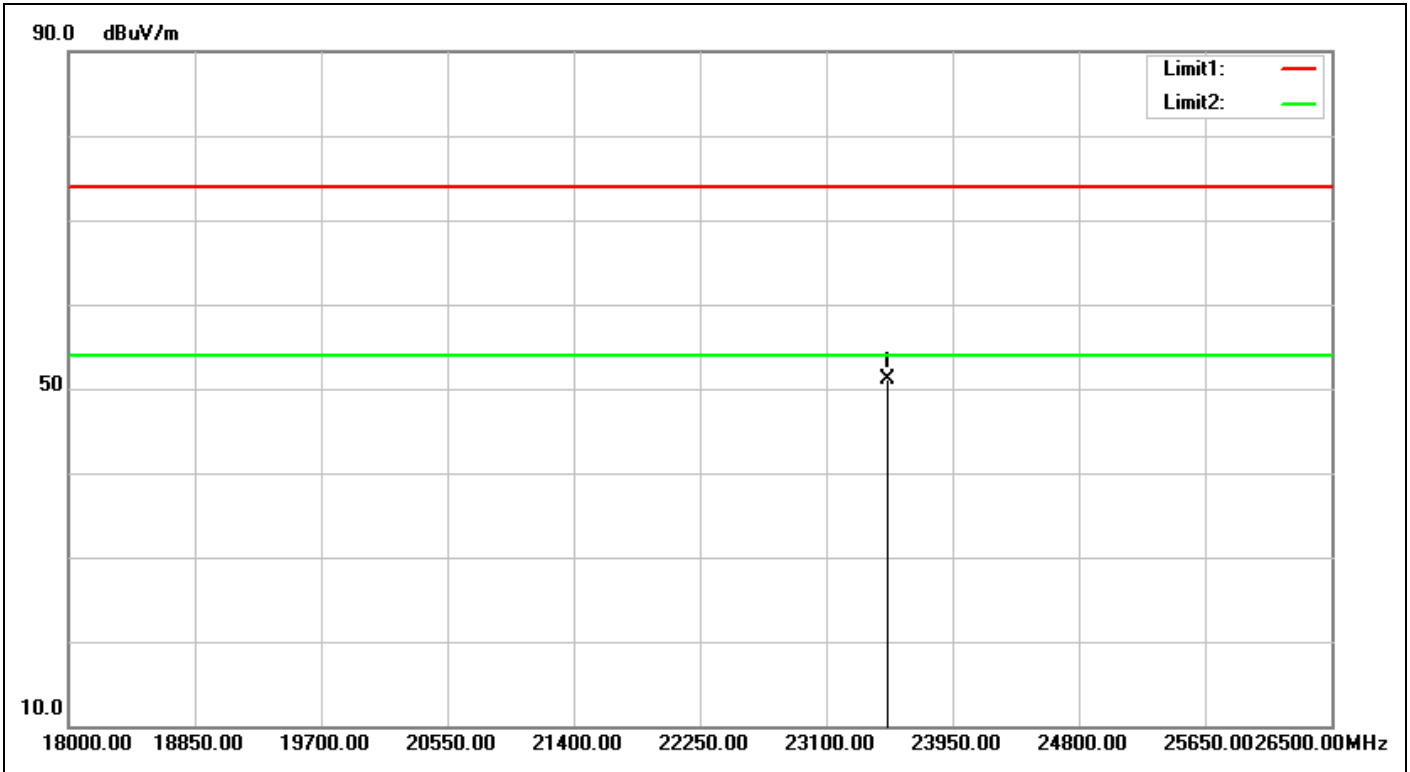
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22199.000	33.01	17.97	50.98	74.00	-23.02	peak	100		



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:37:39</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2480-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	19181.500	30.76	19.23	49.99	74.00	-24.01	peak	100		





<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:37:47</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2480-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	23508.000	32.81	18.24	51.05	74.00	-22.95	peak	100		

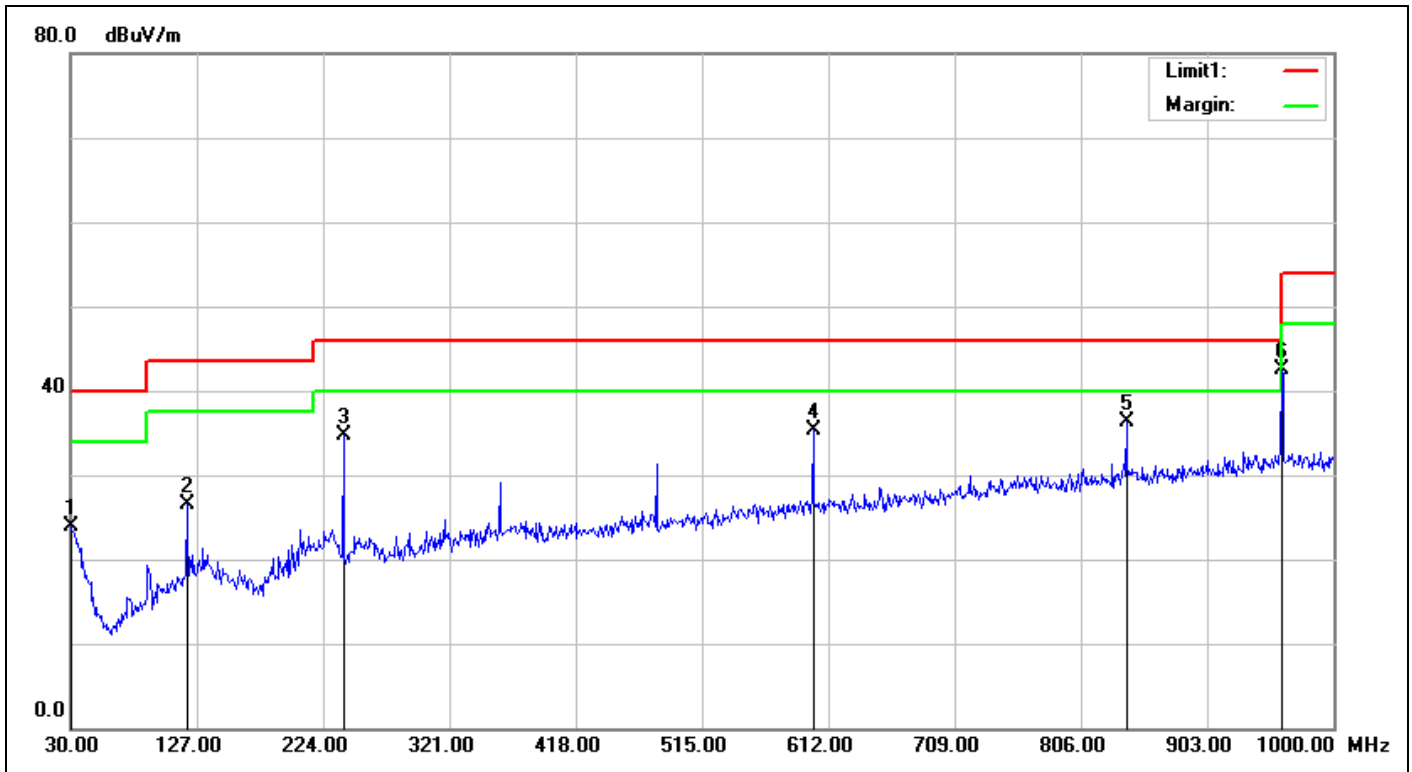
# Spurious Emissions, TX Mode, 30M-1G



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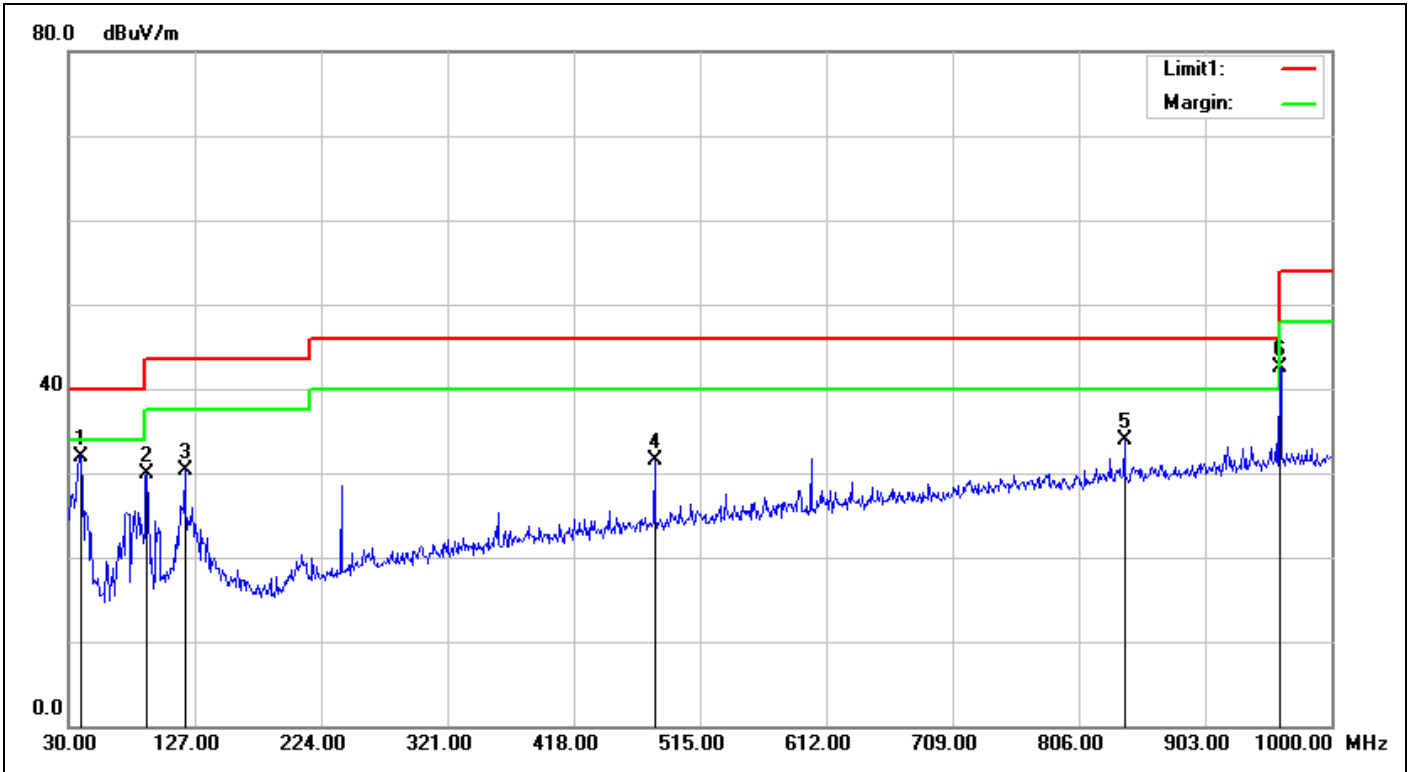
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:13:37</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	24.02	23.95	40.00	-16.05	QP	100	72	
2	119.2399	-7.40	33.97	26.57	43.50	-16.93	QP	100	93	
3	239.5200	-6.73	41.44	34.71	46.00	-11.29	QP	100	115	
4	600.3600	0.01	35.29	35.30	46.00	-10.70	QP	100	139	
5	840.9199	3.52	32.71	36.23	46.00	-9.77	QP	100	215	
6	960.2300	5.48	37.08	42.56	54.00	-11.44	QP	100	4	



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:14:40</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	39.7000	-5.63	37.55	31.92	40.00	-8.08	QP	100	0	
2	90.1400	-10.84	40.65	29.81	43.50	-13.69	QP	100	281	
3	119.2400	-7.40	37.80	30.40	43.50	-13.10	QP	100	129	
4	480.0800	-1.62	33.05	31.43	46.00	-14.57	QP	100	145	
5	840.9200	3.52	30.34	33.86	46.00	-12.14	QP	100	169	
6	960.2300	5.48	37.09	42.57	54.00	-11.43	QP	100	140	

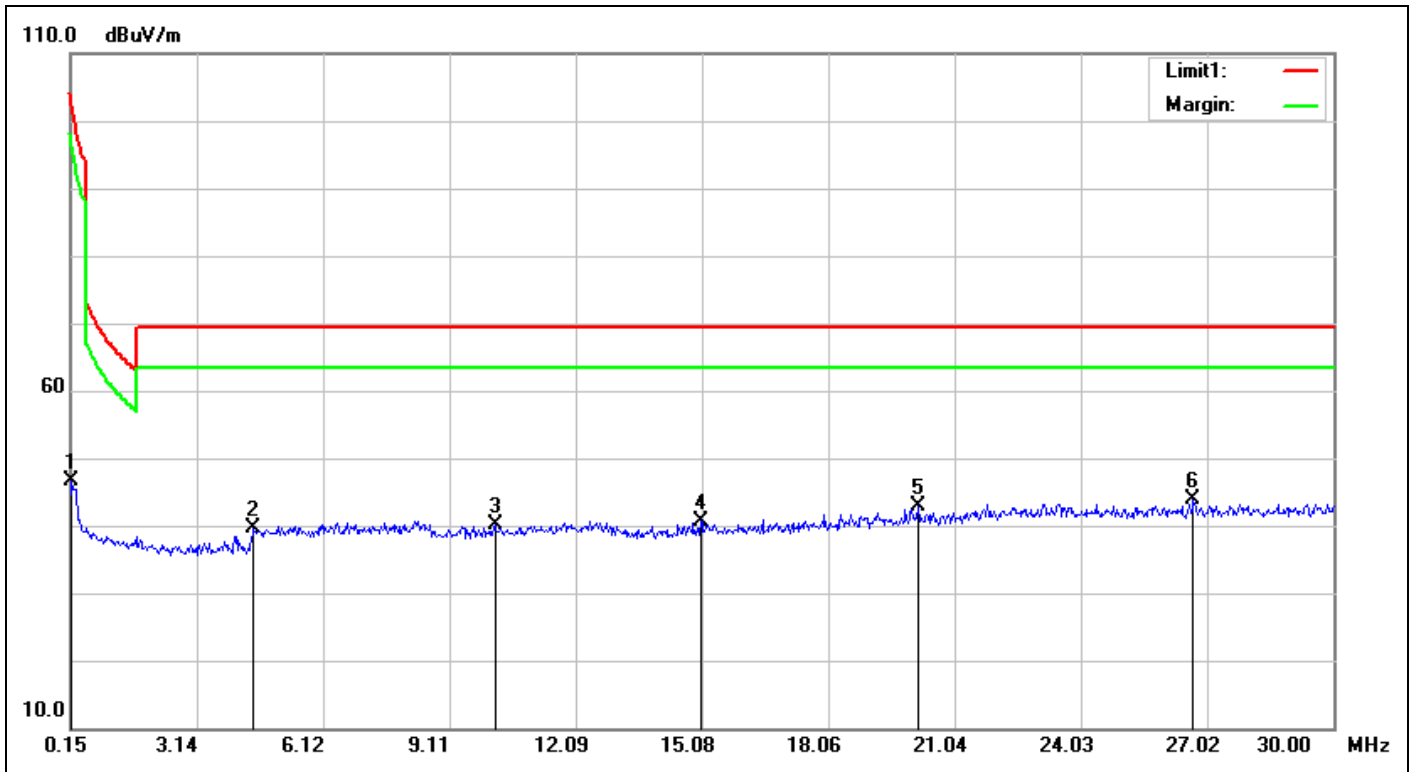
# Spurious Emissions, TX Mode, 150K-30M



**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>114064476</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>2017/6/5 14:30:03</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	0.1798	18.77	27.97	46.74	102.45	-55.71	QP	100	151	
2	4.4782	19.41	20.21	39.62	69.50	-29.88	QP	100	170	
3	10.1796	20.41	19.82	40.23	69.50	-29.27	QP	100	254	
4	15.0451	20.97	19.66	40.63	69.50	-28.87	QP	100	53	
5	20.1793	21.56	21.30	42.86	69.50	-26.64	QP	100	165	
6	26.6866	22.04	21.74	43.78	69.50	-25.72	QP	100	193	

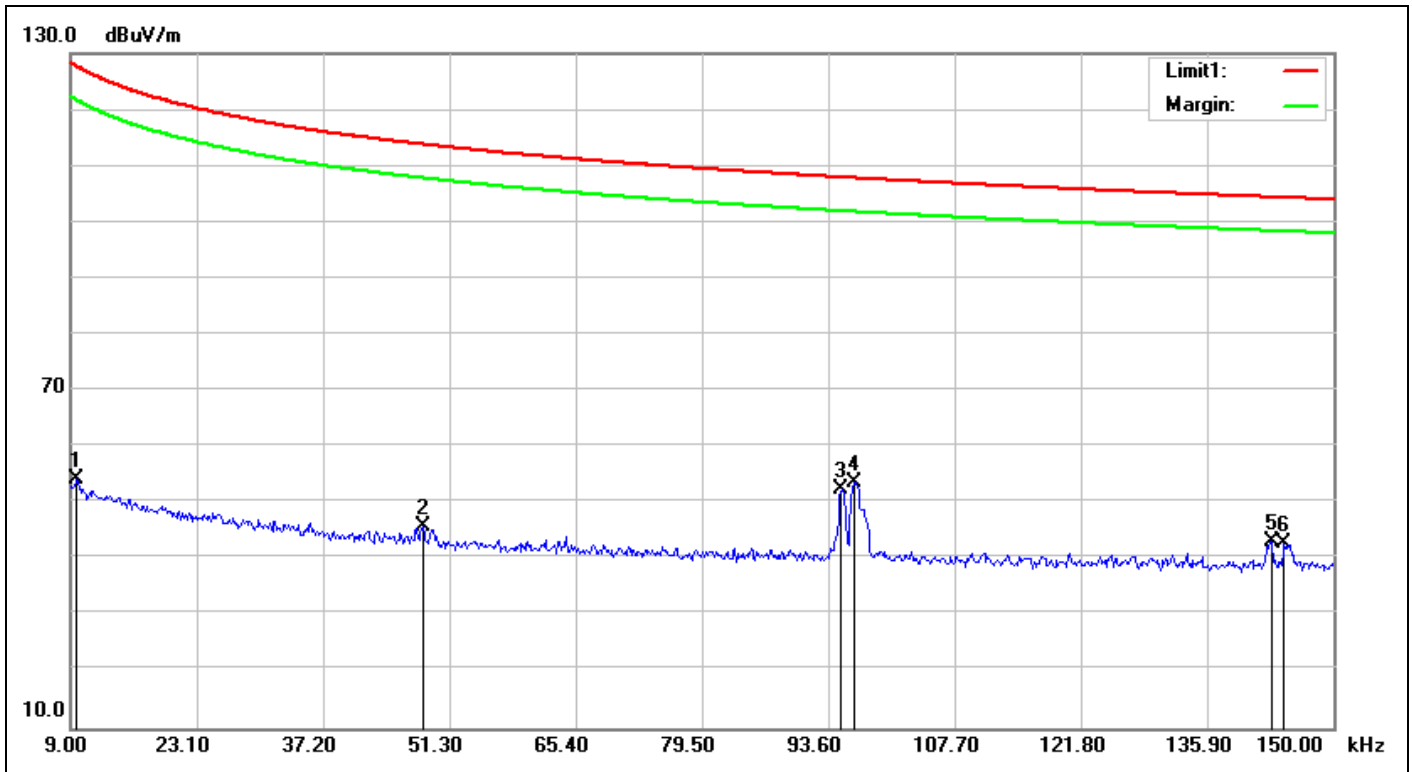
# Spurious Emissions, TX Mode, 9K-150K



**TUV Taiwan**

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



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:23:45</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	0.0097	20.13	33.99	54.12	127.66	-73.54	QP	100	49	
2	0.0483	19.30	26.43	45.73	113.80	-68.07	QP	100	124	
3	0.0950	18.88	33.48	52.36	107.96	-55.60	QP	100	196	
4	0.0965	18.87	34.75	53.62	107.83	-54.21	QP	100	319	
5	0.1429	18.81	24.35	43.16	104.44	-61.28	QP	100	73	
6	0.1445	18.81	24.17	42.98	104.34	-61.36	QP	100	359	

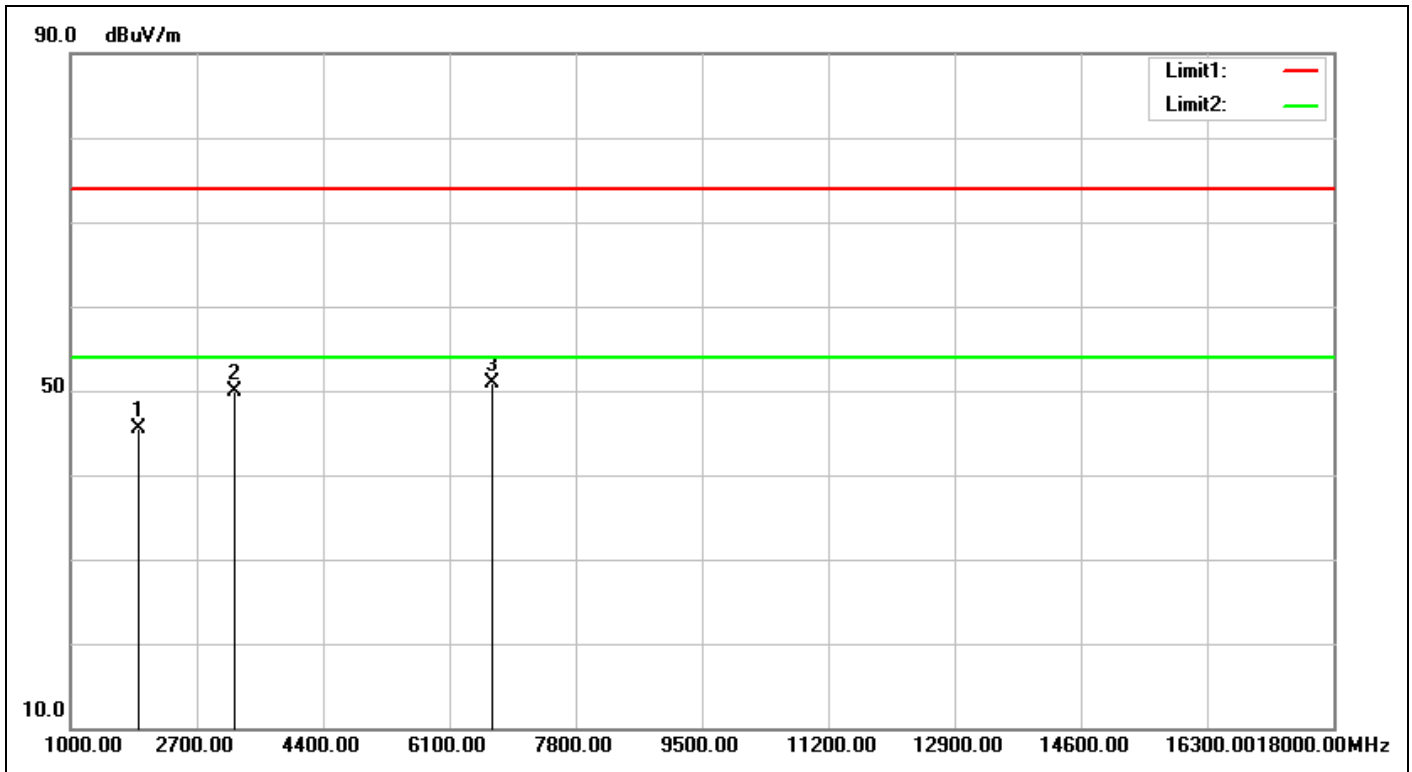
# Spurious Emissions, RX Mode, 1-18G



**TUV Taiwan**

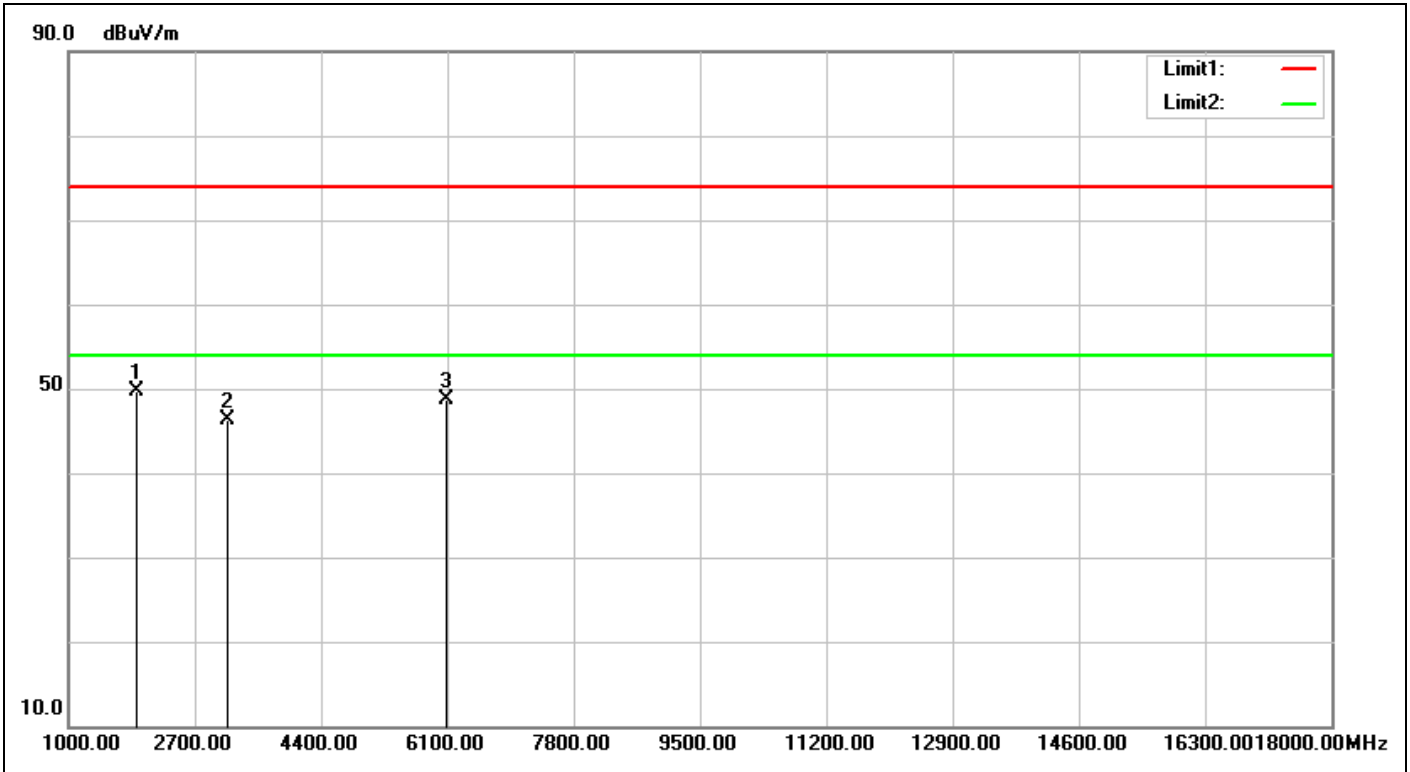
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



<b>Service No.:</b>	<b>114064476</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>2017/6/5 11:53:06</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	1918.000	-8.57	53.98	45.41	74.00	-28.59	peak	100	165	
2	3210.000	-6.79	56.66	49.87	74.00	-24.13	peak	100	218	
3	6678.000	4.37	46.54	50.91	74.00	-23.09	peak	100	104	



<b>Service No.:</b>	<b>114064476</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>2017/6/5 11:54:08</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	1918.000	-8.57	58.35	49.78	74.00	-24.22	peak	100	162	
2	3142.000	-6.84	53.10	46.26	74.00	-27.74	peak	100	207	
3	6083.000	3.16	45.61	48.77	74.00	-25.23	peak	100	54	

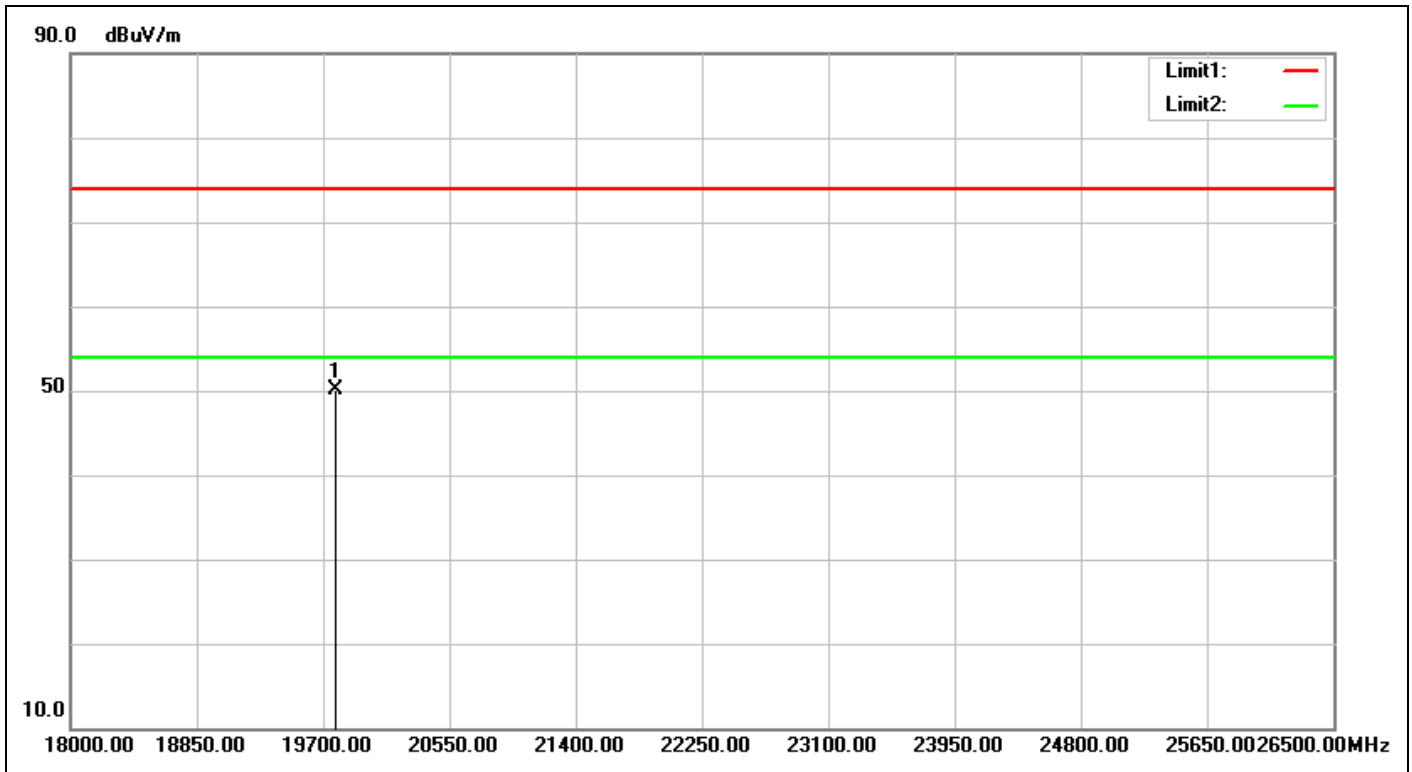
# Spurious Emissions, RX Mode, 18-26G



**TUV Taiwan**

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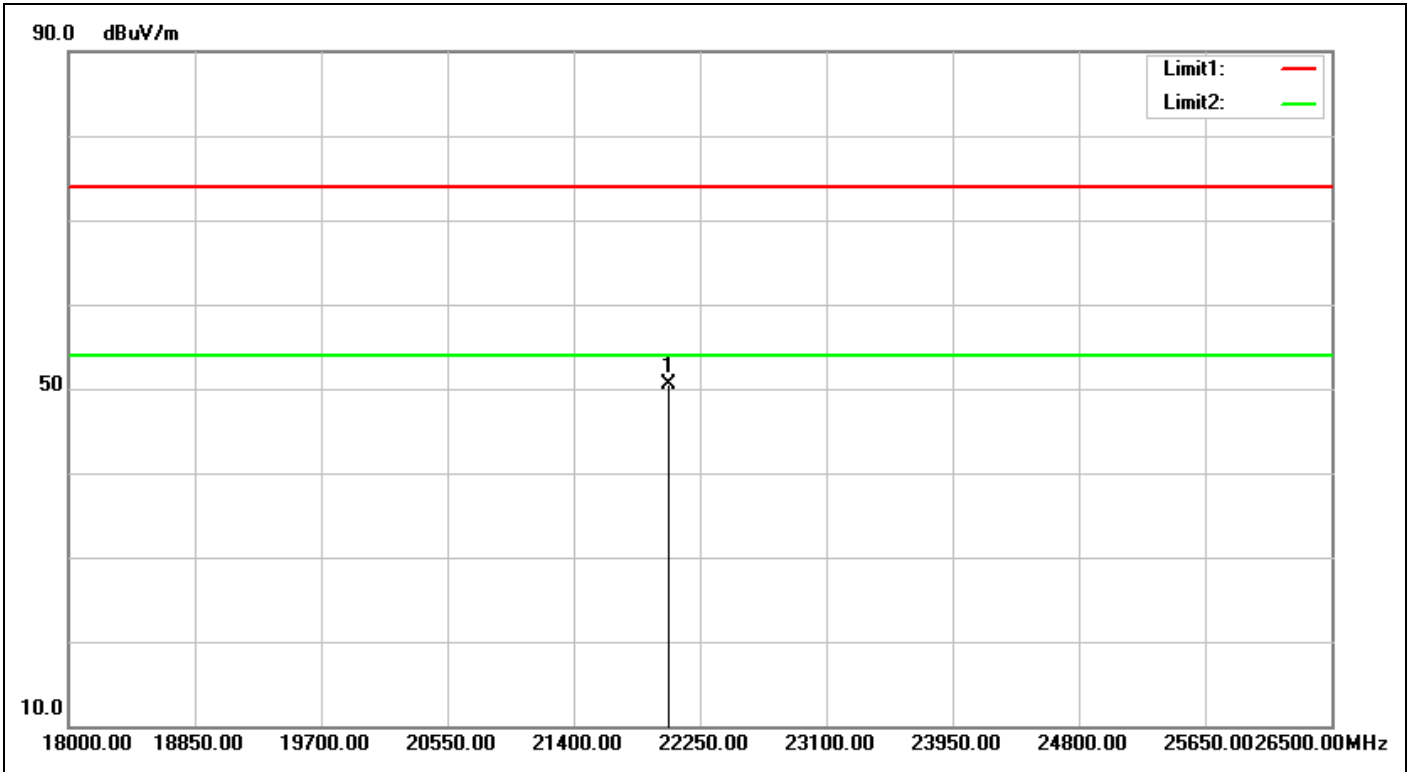
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:38:03</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	19785.000	31.36	18.69	50.05	74.00	-23.95	peak	100		





<b>Service No.:</b>	<b>114064476</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>2017/6/5 13:38:11</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	22037.500	33.09	17.46	50.55	74.00	-23.45	peak	100		

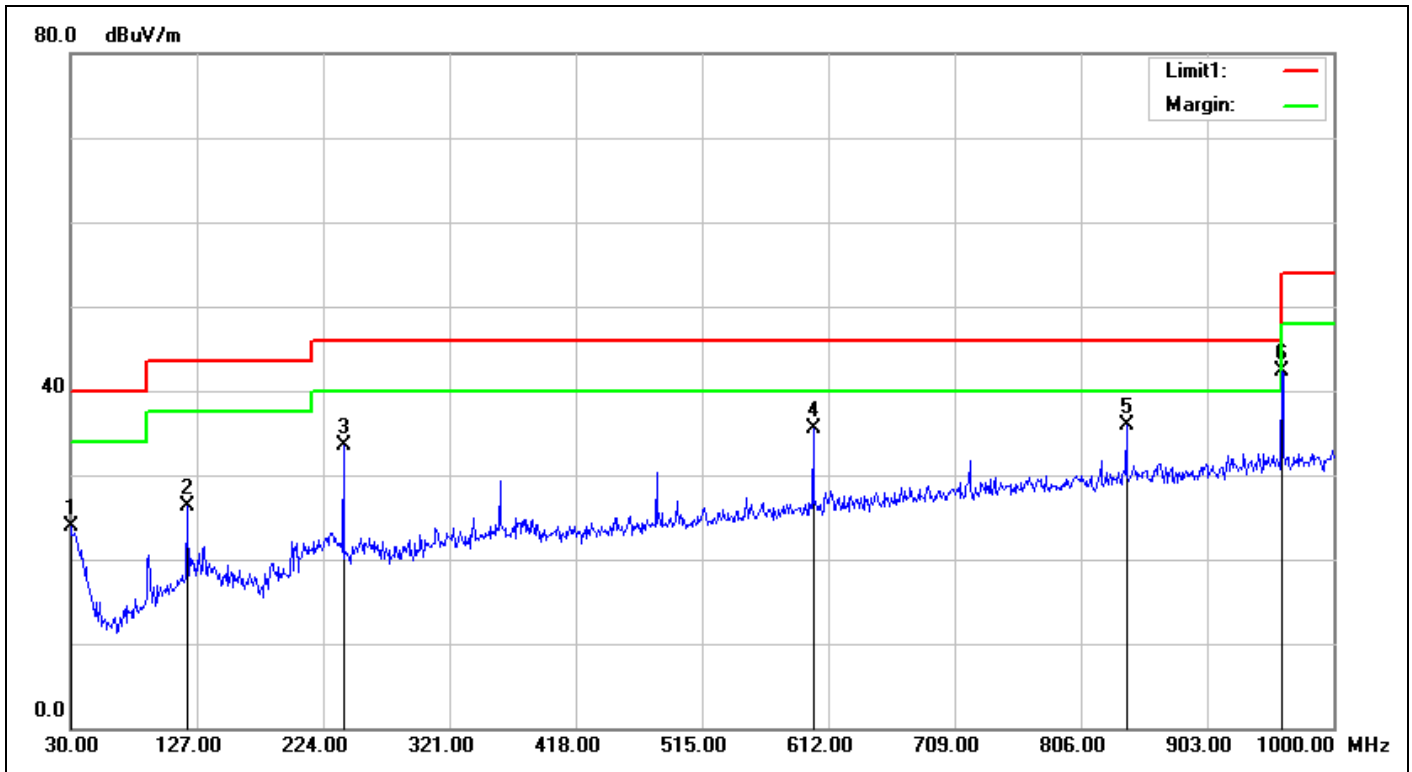
# Spurious Emissions, RX Mode, 30M-1G



**TUV Taiwan**

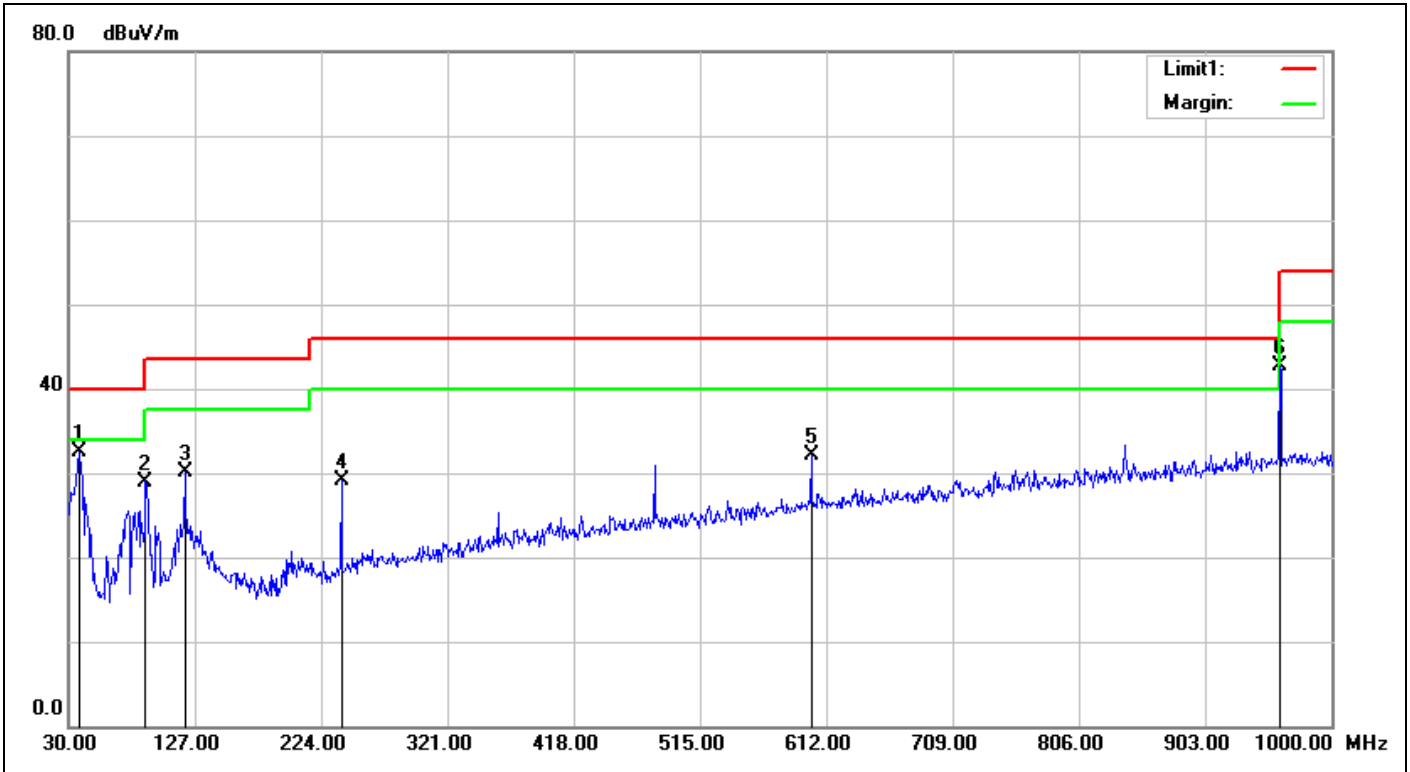
11F., No.758, Sec.4 Bade Road, Songshan Dist, Taipei City 105

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



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:16:45</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-RX</b>		
<b>Remark:</b>			

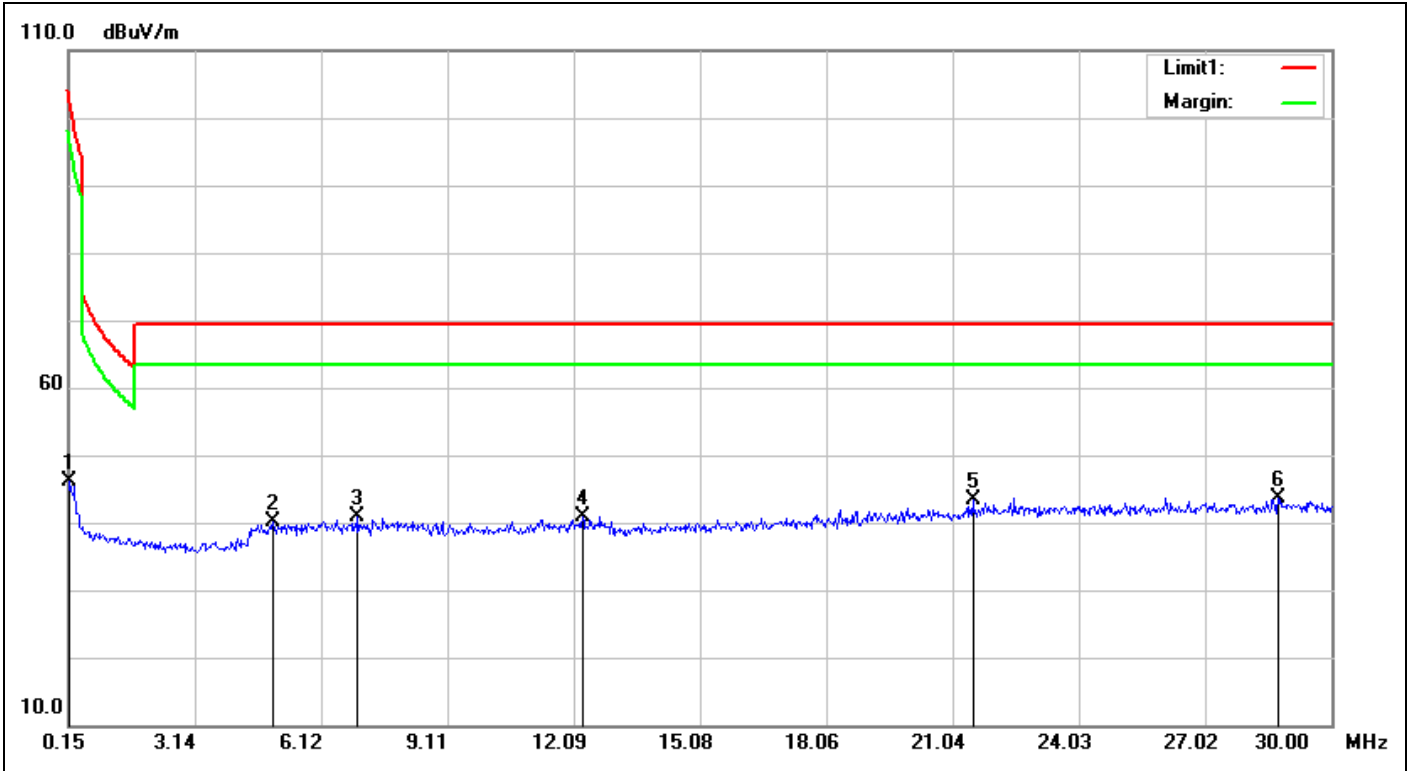
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-0.07	23.95	23.88	40.00	-16.12	QP	100	254	
2	119.2399	-7.40	33.76	26.36	43.50	-17.14	QP	100	115	
3	239.5200	-6.73	40.31	33.58	46.00	-12.42	QP	100	121	
4	600.3600	0.01	35.45	35.46	46.00	-10.54	QP	100	148	
5	840.9199	3.52	32.44	35.96	46.00	-10.04	QP	100	215	
6	960.2300	5.48	36.85	42.33	54.00	-11.67	QP	100	360	



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:17:48</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	37.7599	-4.51	37.07	32.56	40.00	-7.44	QP	100	162	
2	89.1700	-10.94	39.94	29.00	43.50	-14.50	QP	100	274	
3	119.2400	-7.40	37.53	30.13	43.50	-13.37	QP	100	131	
4	239.5200	-6.73	35.79	29.06	46.00	-16.94	QP	100	70	
5	600.3600	0.01	32.09	32.10	46.00	-13.90	QP	100	143	
6	960.2300	5.48	37.15	42.63	54.00	-11.37	QP	100	151	

**Spurious Emissions, RX Mode, 150K-30M**



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:31:06</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	0.1799	18.77	27.35	46.12	102.47	-56.35	QP	100	221	
2	4.9856	19.59	20.56	40.15	69.50	-29.35	QP	100	357	
3	6.9856	19.92	21.01	40.93	69.50	-28.57	QP	100	274	
4	12.2989	20.65	20.28	40.93	69.50	-28.57	QP	100	112	
5	21.5226	21.66	21.62	43.28	69.50	-26.22	QP	100	227	
6	28.7463	22.18	21.40	43.58	69.50	-25.92	QP	100	4	

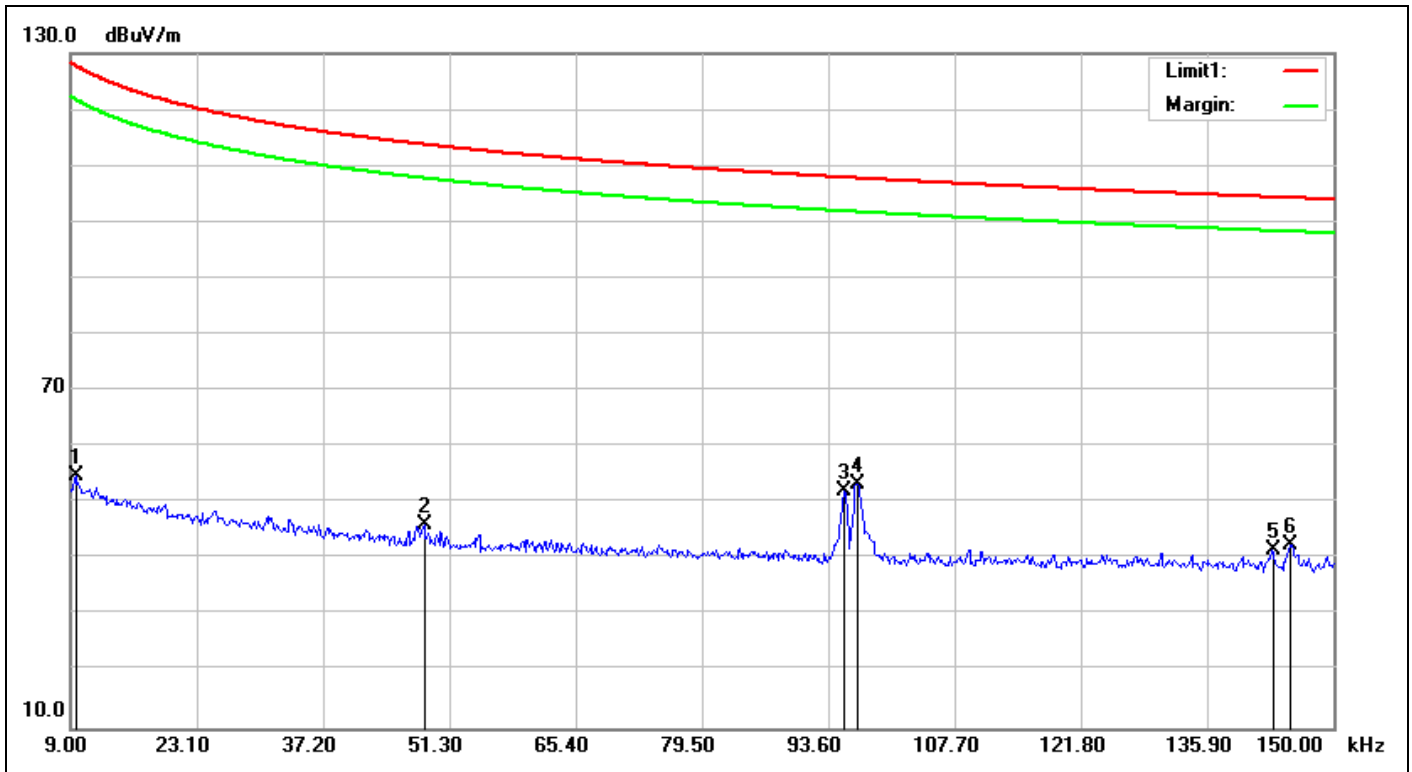
# Spurious Emissions, RX Mode, 9K-150K



**TUV Taiwan**

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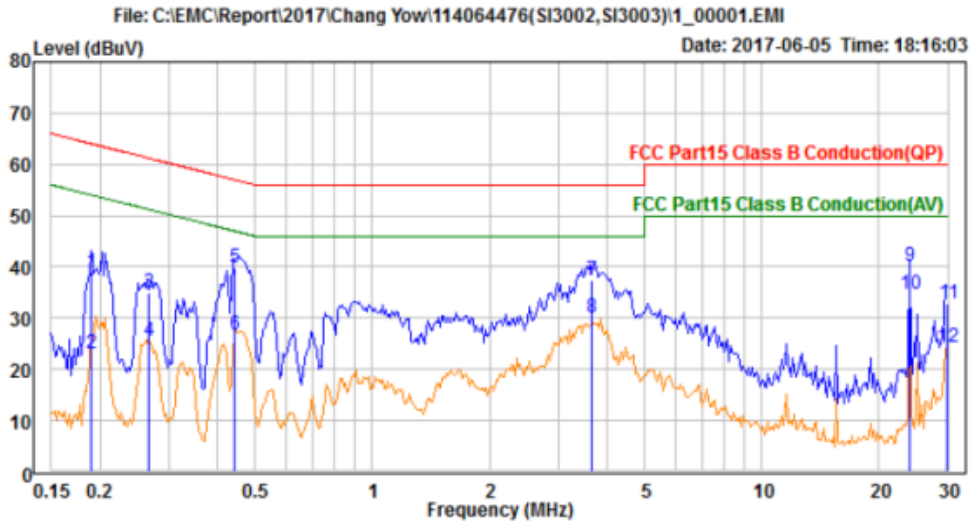
Tel:+886-2172-7000 fax:+886-2528-0018



<b>Service No.:</b>	<b>114064476</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>2017/6/5 14:24:49</b>
<b>Applicant:</b>	<b>Chang Yow</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>IConsole+ Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24.1(°C)/52%</b>
<b>Model No.:</b>	<b>SI3002</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-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	0.0096	20.06	34.82	54.88	127.75	-72.87	QP	100	180	
2	0.0485	19.29	26.87	46.16	113.76	-67.60	QP	100	105	
3	0.0954	18.88	33.40	52.28	107.92	-55.64	QP	100	217	
4	0.0967	18.87	34.50	53.37	107.81	-54.44	QP	100	78	
5	0.1431	18.81	22.75	41.56	104.42	-62.86	QP	100	97	
6	0.1452	18.80	23.79	42.59	104.30	-61.71	QP	100	292	

# Mains Spurious Emissions

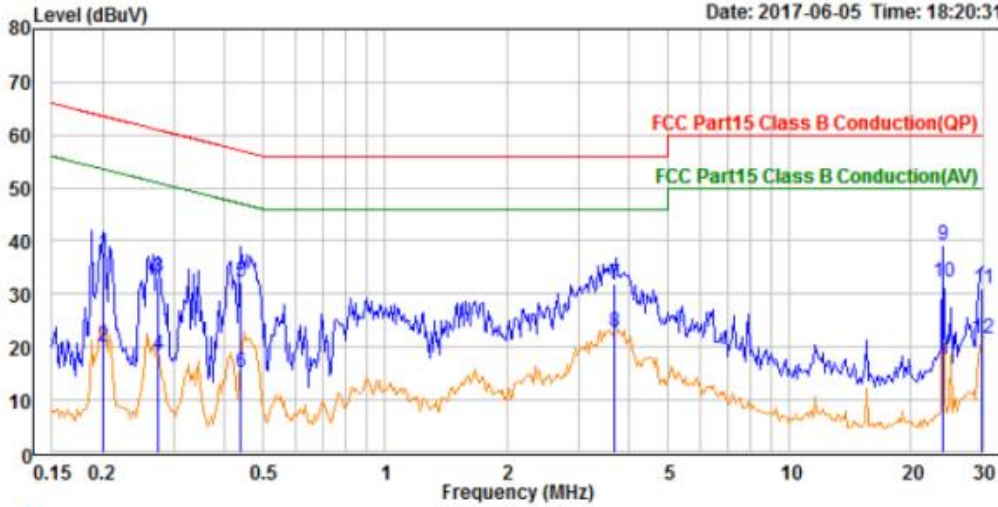


Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) line1  
 Test Engineer: George Yang  
 Applicant : Chang Yow  
 Product : IConsole+ Dongle  
 Model No. : SI3002  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 22.7°C / 46%  
 Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.190	38.87	29.16	9.71	64.06	-25.19	QP
2	0.190	23.13	13.42	9.71	54.06	-30.93	Average
3	0.266	35.07	25.37	9.70	61.25	-26.18	QP
4	0.266	25.48	15.78	9.70	51.25	-25.77	Average
5	0.445	39.98	30.29	9.69	56.97	-16.99	QP
6	0.445	26.87	17.18	9.69	46.97	-20.10	Average
7	3.668	37.42	27.70	9.72	56.00	-18.58	QP
8	3.668	30.03	20.31	9.72	46.00	-15.97	Average
9	23.986	40.14	30.47	9.67	60.00	-19.86	QP
10	23.986	34.59	24.92	9.67	50.00	-15.41	Average
11	29.955	32.90	23.39	9.51	60.00	-27.10	QP
12	29.955	24.48	14.97	9.51	50.00	-25.52	Average

File: C:\EMC\Report\2017\Chang Yow\114064476(SI3002,SI3003)\1\_00003.EMI

Date: 2017-06-05 Time: 18:20:31



Trace: 1

Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) neutral  
 Test Engineer: George Yang  
 Applicant : Chang Yow  
 Product : IConsole+ Dongle  
 Model No. : SI3002  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 22.7°C / 46%  
 Memo : Mains

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	Remark
	MHz	dBuV	dBuV	dB	dBuV	dB	
1	0.200	37.70	28.07	9.63	63.61	-25.91	QP
2	0.200	20.16	10.53	9.63	53.61	-33.45	Average
3	0.274	33.05	23.41	9.64	61.00	-27.95	QP
4	0.274	18.41	8.77	9.64	51.00	-32.59	Average
5	0.440	32.23	22.58	9.65	57.07	-24.84	QP
6	0.440	15.14	5.49	9.65	47.07	-31.93	Average
7	3.680	31.98	22.27	9.71	56.00	-24.02	QP
8	3.680	22.74	13.03	9.71	46.00	-23.26	Average
9	23.986	39.17	29.38	9.79	60.00	-20.83	QP
10	23.986	32.21	22.42	9.79	50.00	-17.79	Average
11	29.995	31.02	21.32	9.70	60.00	-28.98	QP
12	29.995	21.71	12.01	9.70	50.00	-28.29	Average