

# Test Report No.50041605 001

## Appendix D: Radiated Emission Data

(File: 50041605AppendixD)

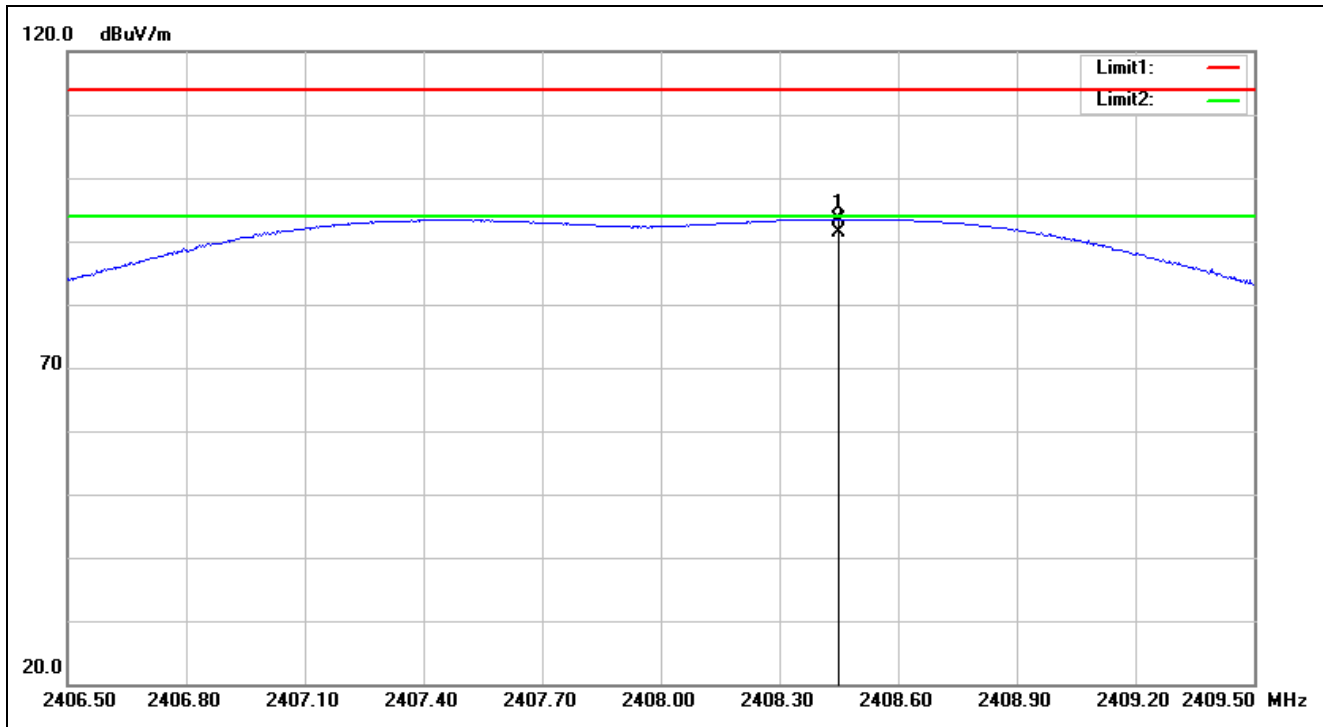
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# Radiated Emissions, Fundamental and Band Edges

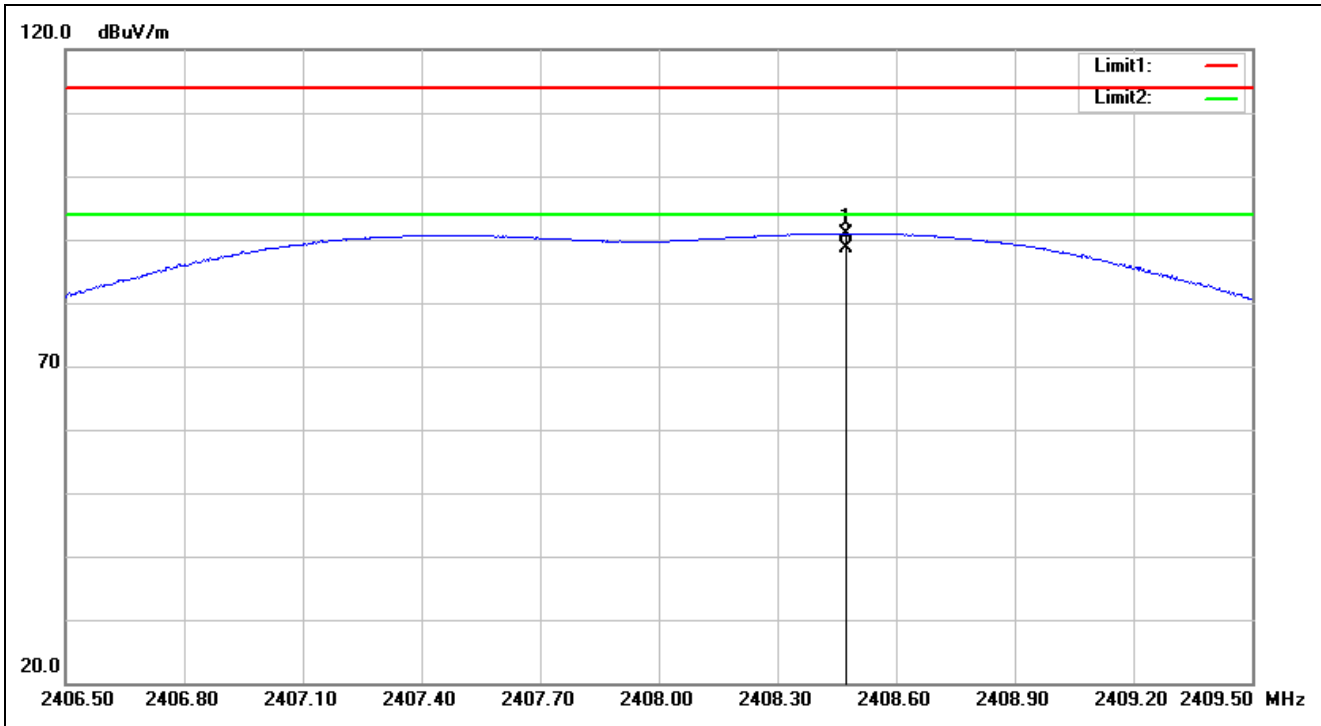


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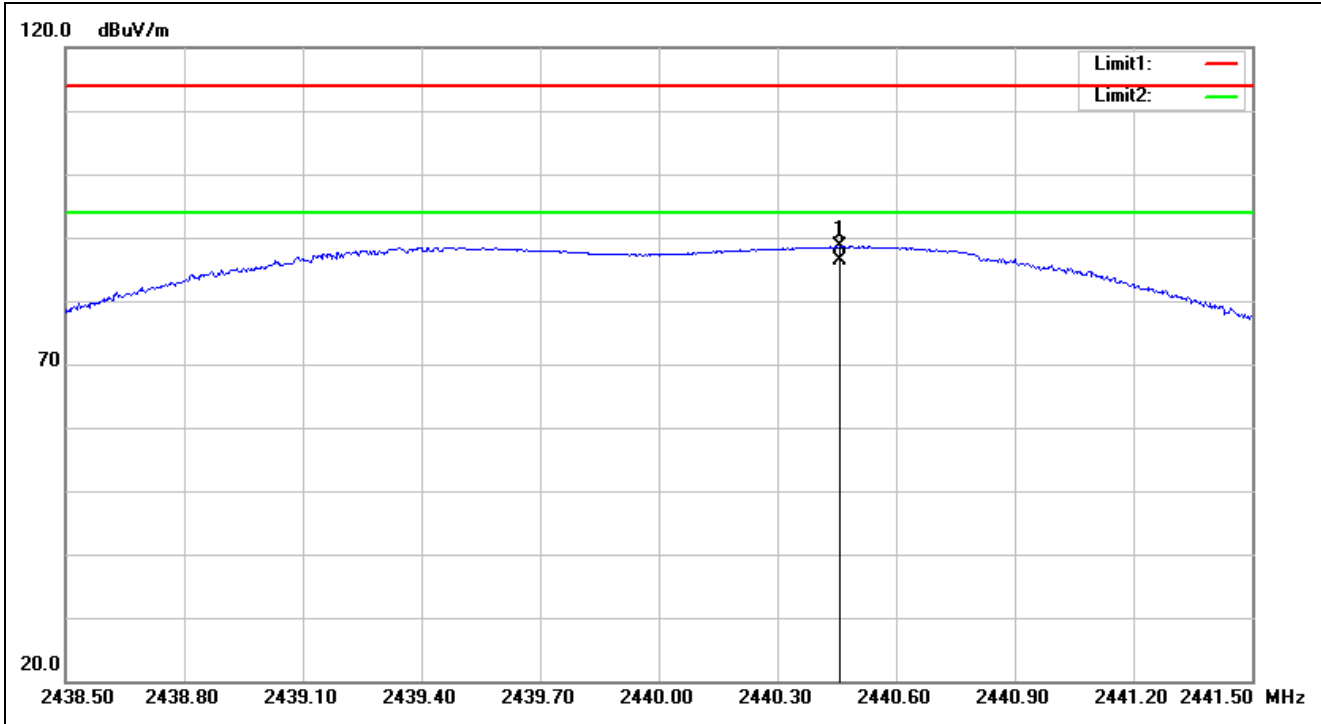
Service No.:	114048799-FCC	Test Distance:	3m
Test Standard:	FCC 15.249_2.4-2.5G_3m PK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2016/4/8 21:13:39
Applicant:	Acrox	Test Rating:	DC 5V
Product:	2.4GHz Dongle	Temp.(°C)/Hum.(%):	22.1(°C)/56%
Model No.:	RXF	Test Engineer:	George Yang
Test Mode:	2408-Fundamental		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2408.450	-7.72	101.20	93.48	114.00	-20.52	peak		0	
2	2408.450	-7.72	99.15	91.43	94.00	-2.57	AVG		0	



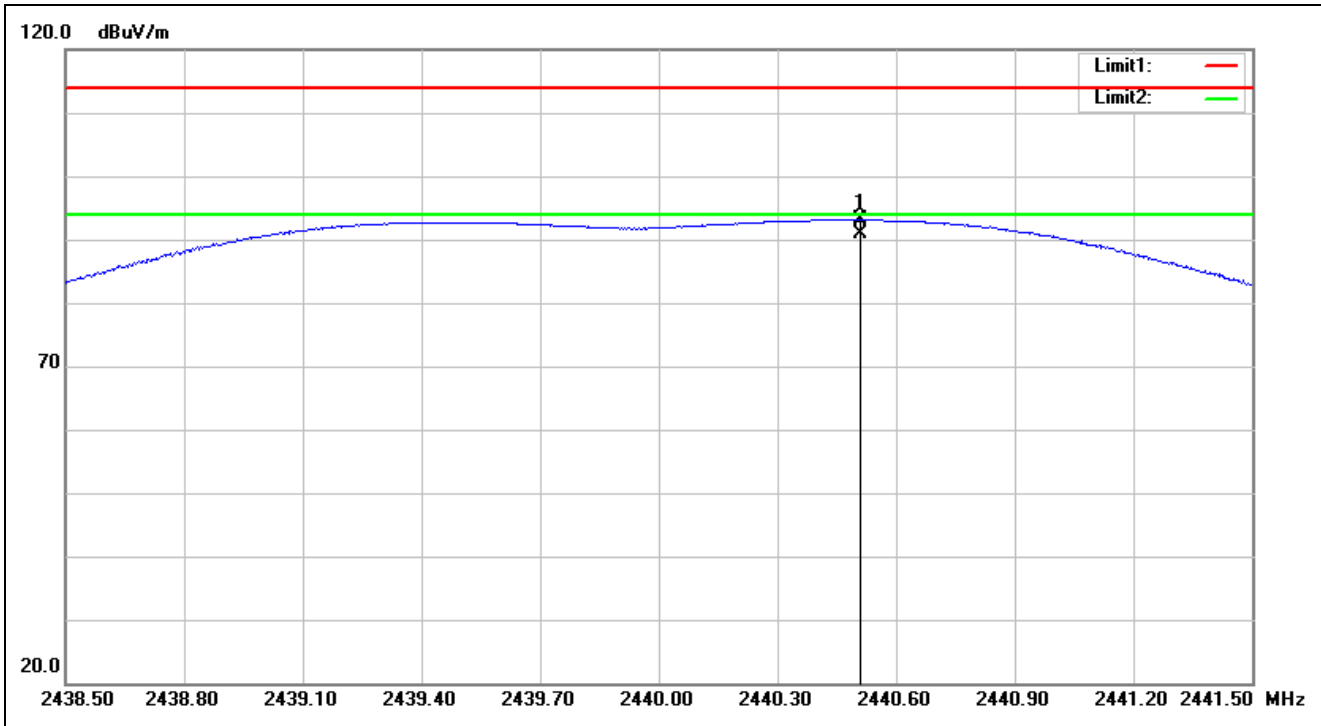
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC 15.249_2.4-2.5G_3m PK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/8 21:15:09</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.1(°C)/56%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2408-Fundamental</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	2408.474	-7.72	98.63	90.91	114.00	-23.09	peak			
2	2408.474	-7.72	96.41	88.69	94.00	-5.31	AVG			



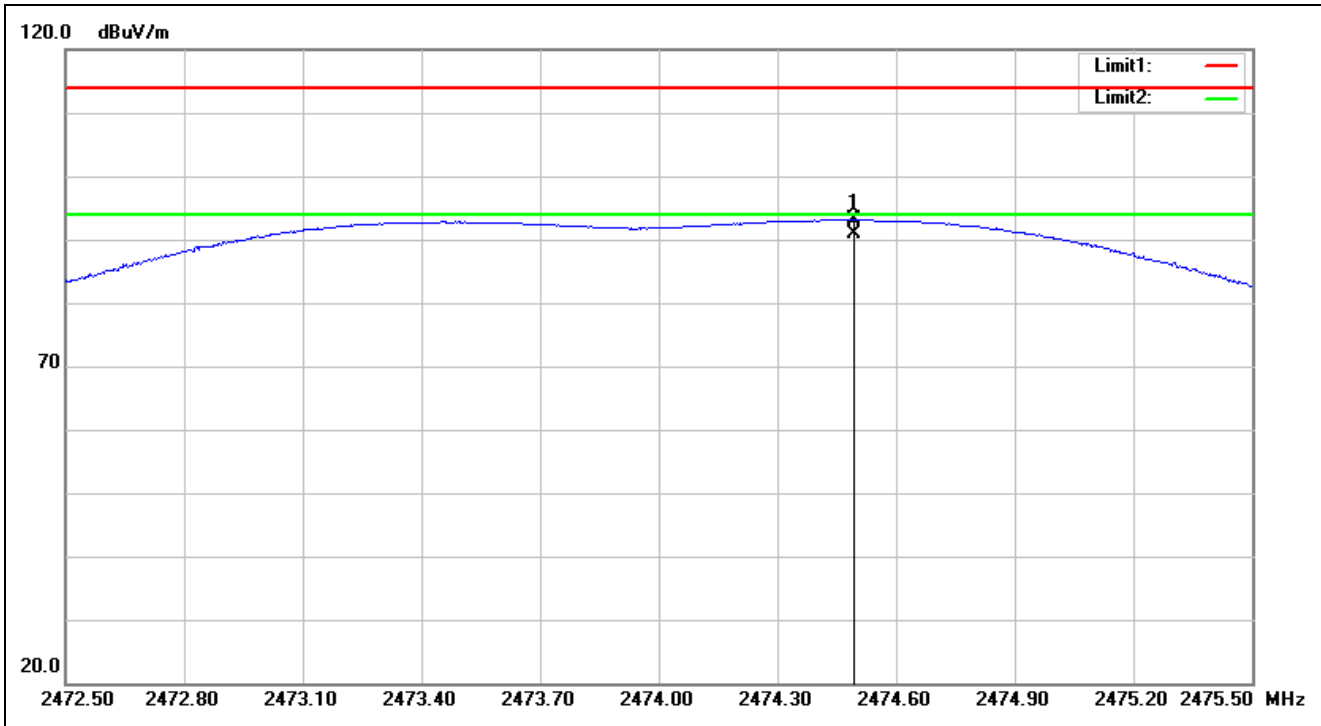
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<b>Test Standard:</b>	<b>FCC 15.249_2.4-2.5G_3m PK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/8 21:16:08</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.1(°C)/56%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-Fundamental</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	2440.459	-7.68	96.22	88.54	114.00	-25.46	peak			
2	2440.459	-7.68	94.09	86.41	94.00	-7.59	AVG			



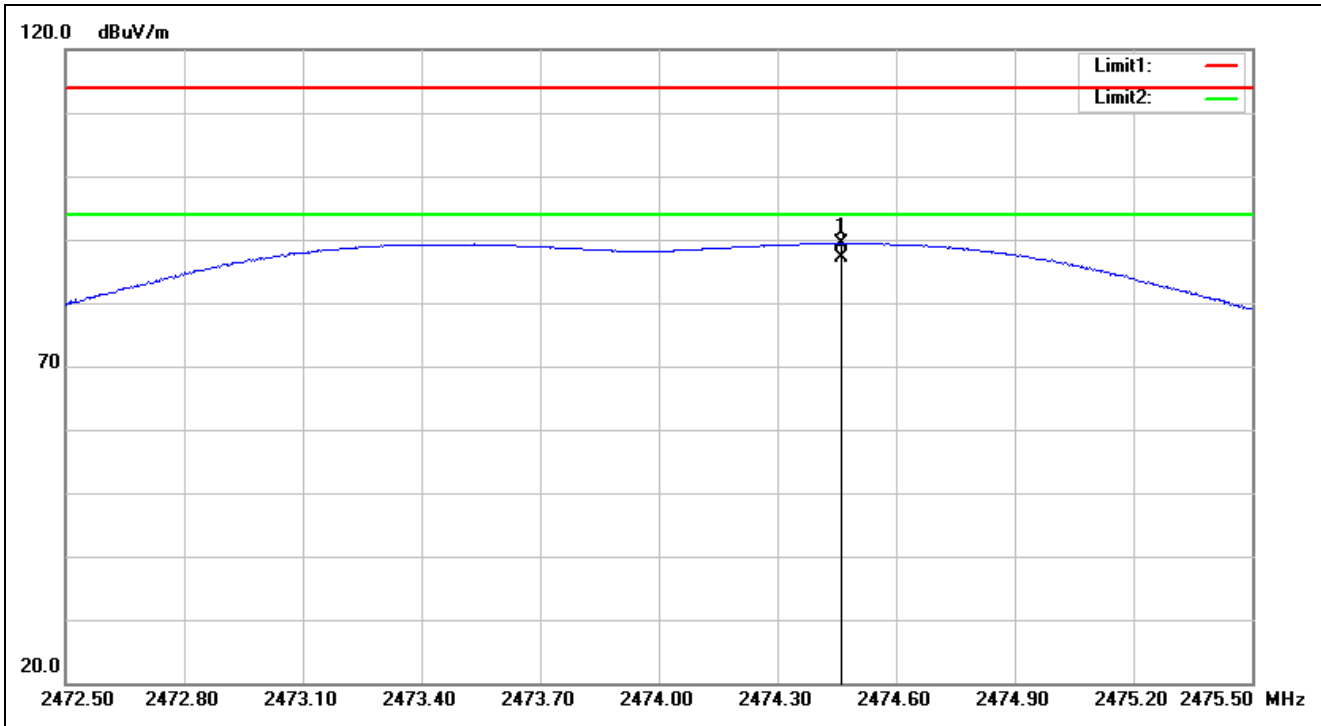
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC 15.249_2.4-2.5G_3m PK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/8 21:16:53</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.1(°C)/56%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-Fundamental</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	2440.510	-7.68	100.76	93.08	114.00	-20.92	peak			
2	2440.510	-7.68	98.56	90.88	94.00	-3.12	AVG			



<b>Service No.:</b>	<b>114048799-FCC</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>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/8 21:18:11</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.1(°C)/56%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2474-Fundamental</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	2474.495	-7.66	100.71	93.05	114.00	-20.95	peak			
2	2474.495	-7.66	98.50	90.84	114.00	-23.16	peak			

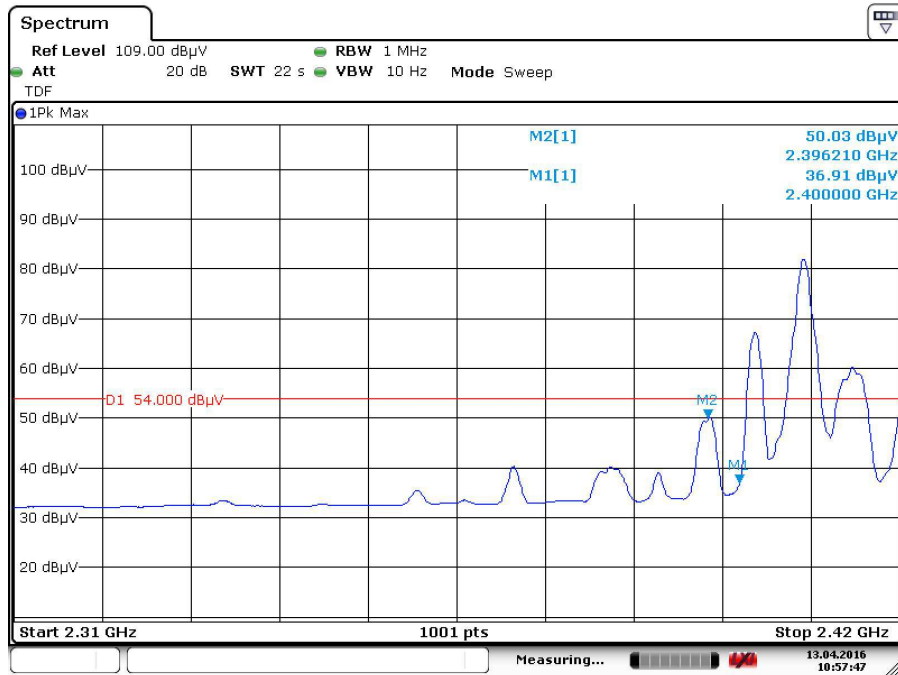


<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC 15.249_2.4-2.5G_3m PK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/8 21:19:37</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.1(°C)/56%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2474-Fundamental</b>		
<b>Remark:</b>			

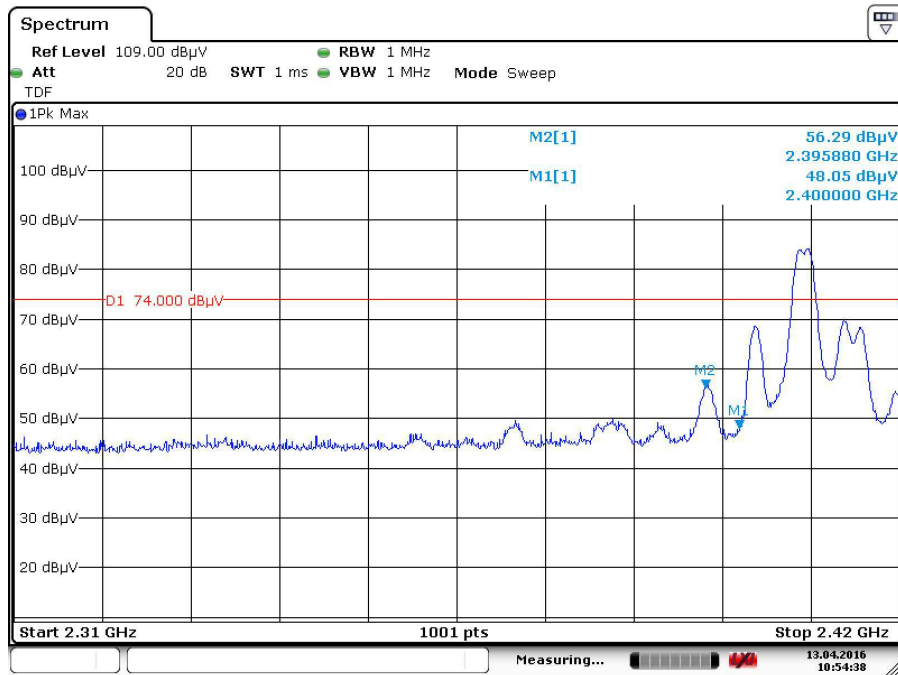
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2474.462	-7.66	97.03	89.37	114.00	-24.63	peak			
2	2474.462	-7.66	94.91	87.25	94.00	-6.75	AVG			

# Radiated Bandedge

## Low Channel (Hor)



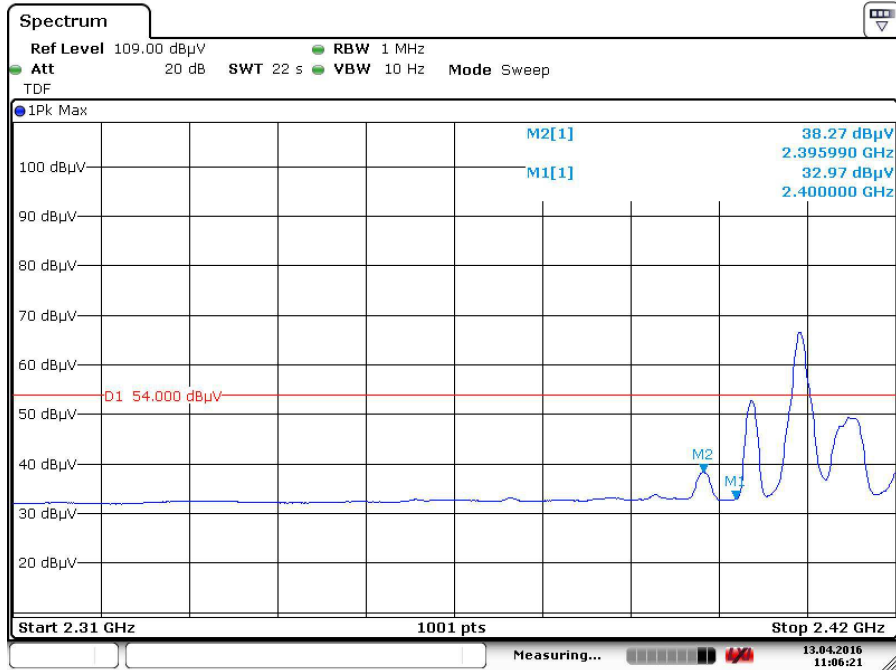
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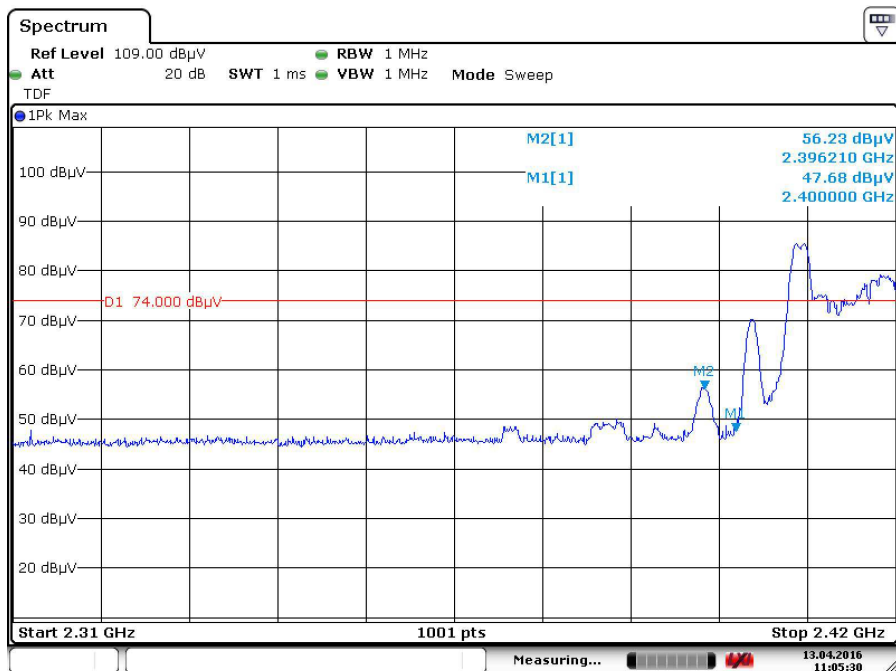
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# Low Channel (Ver)

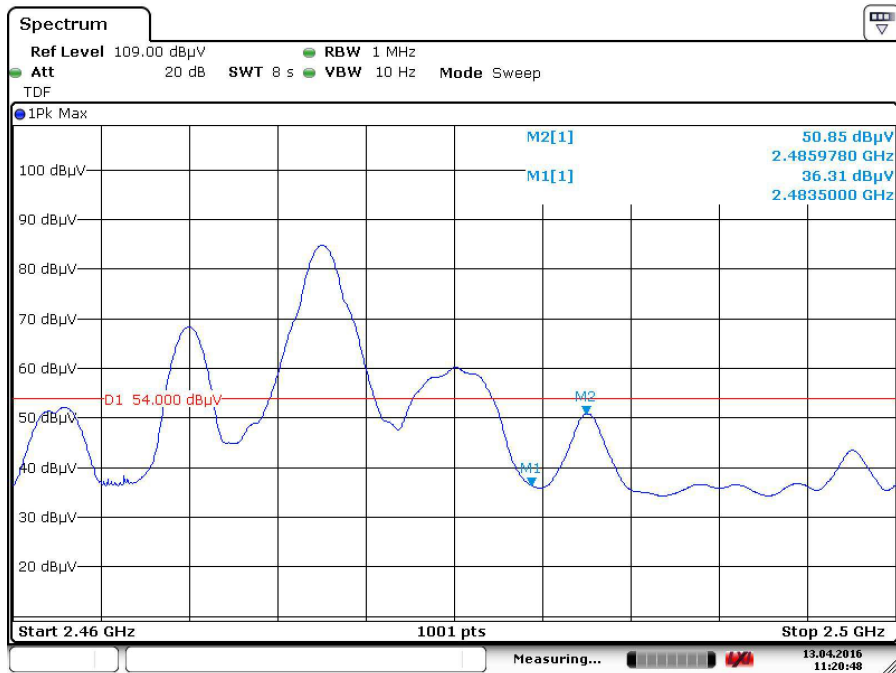


Date: 13.APR.2016 11:06:22

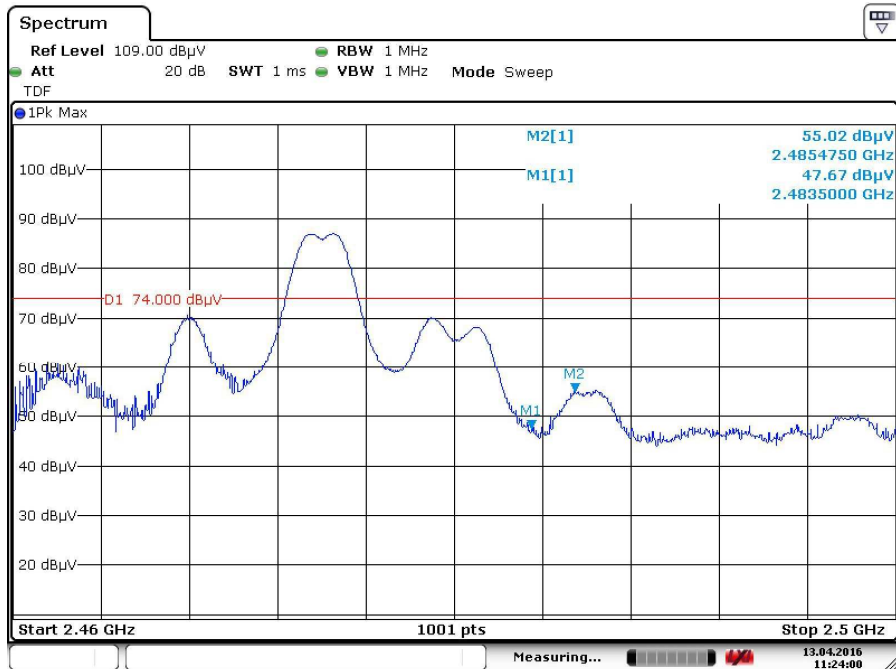


Date: 13.APR.2016 11:05:31

# High Channel (Hor)

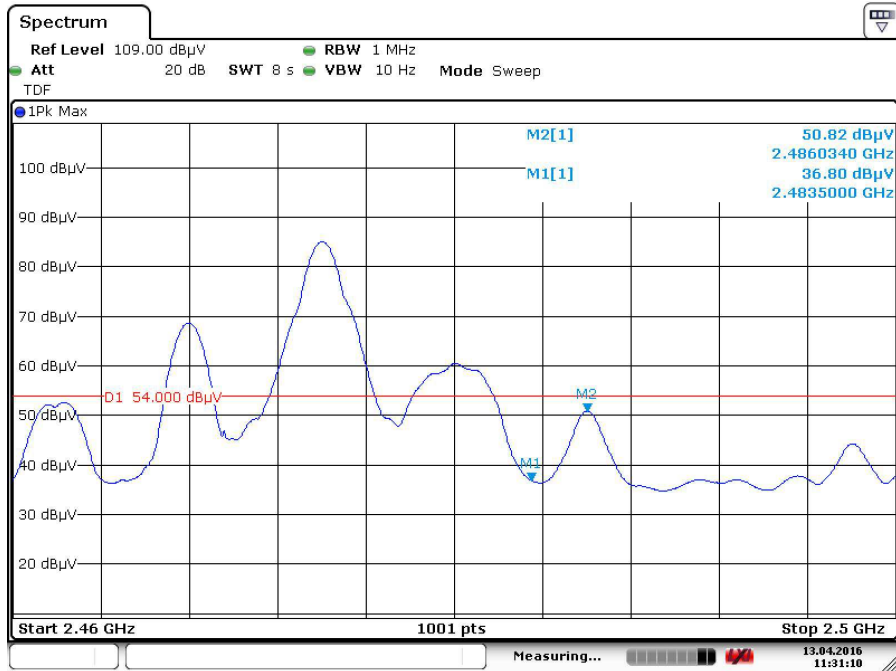


Date: 13.APR.2016 11:20:49

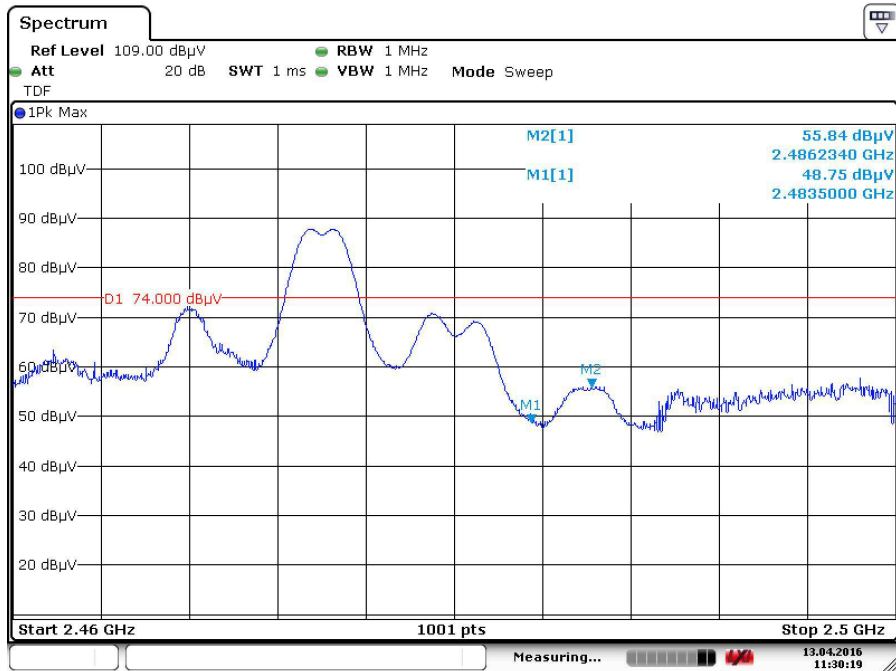


Date: 13.APR.2016 11:24:00

# High Channel (Ver)



Date: 13.APR.2016 11:31:09



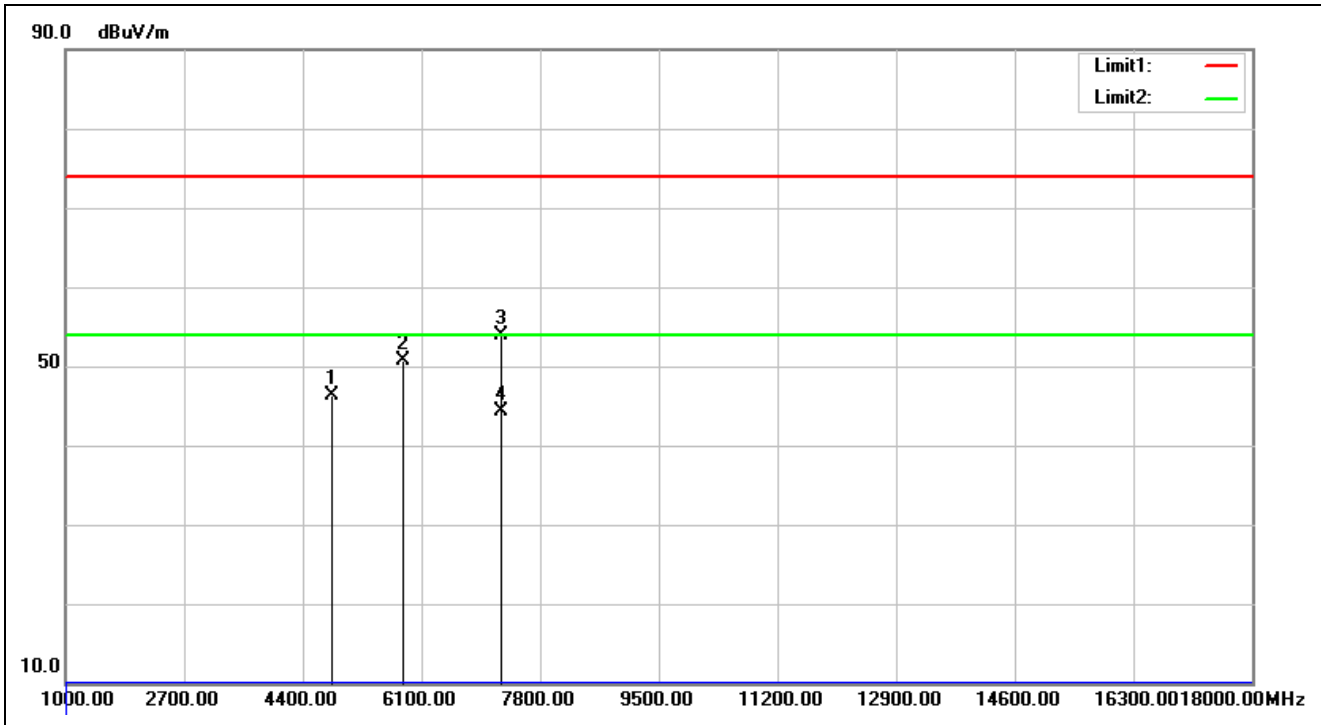
Date: 13.APR.2016 11:30:19

# Radiated Emissions, Fundamental and Band Edges

# Spurious Emissions, TX Mode, 1-18G

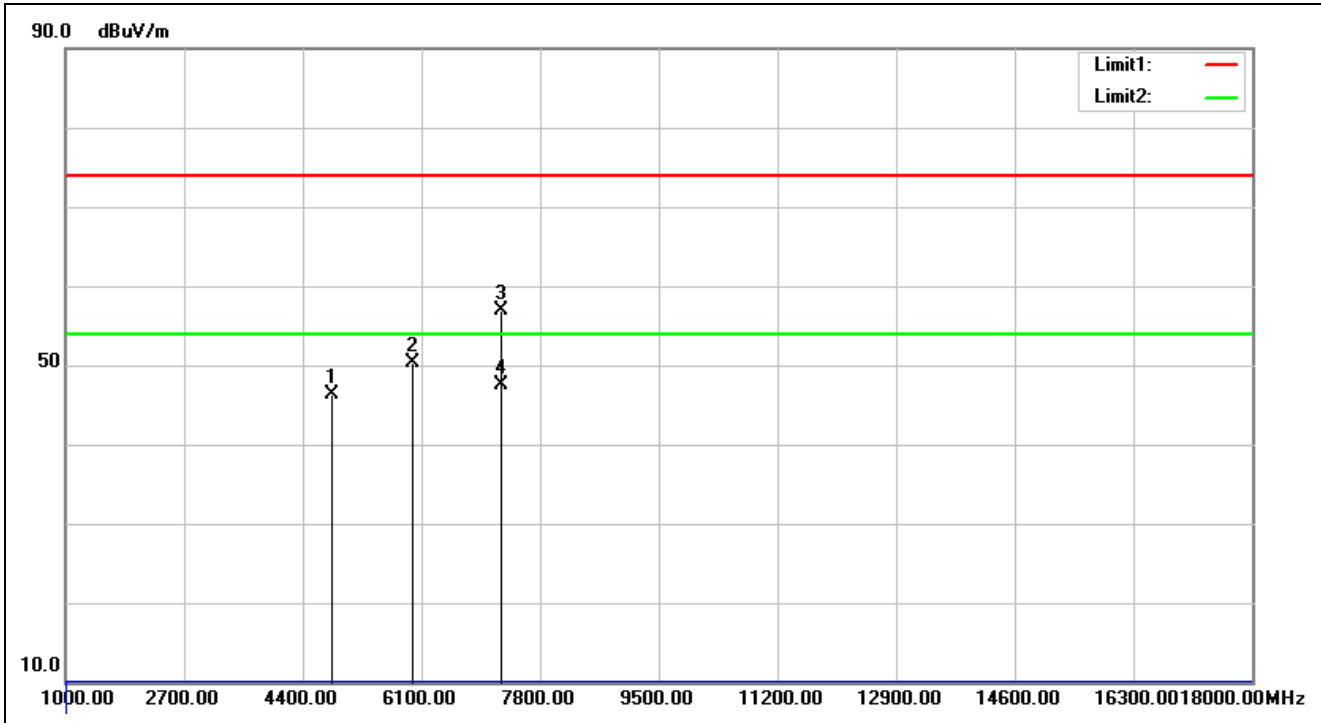


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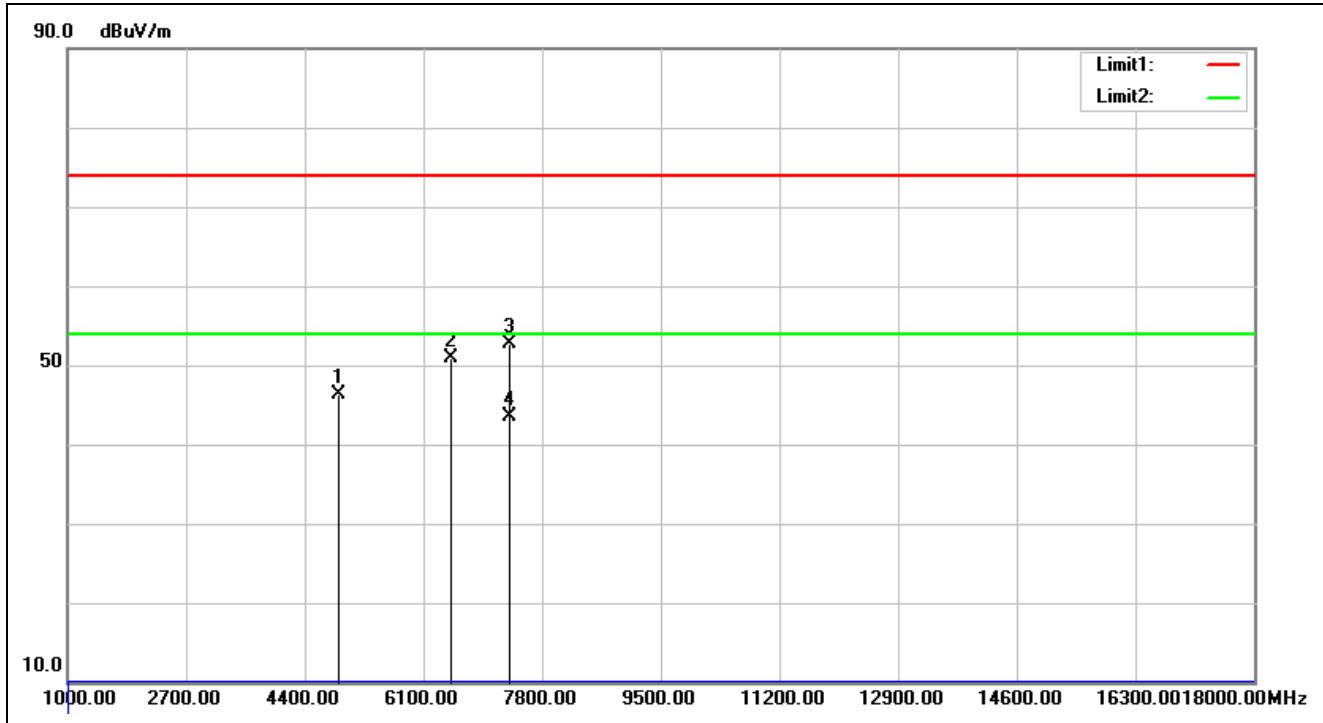
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/13 15:58:43</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2408-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	4816.000	-2.24	48.56	46.32	74.00	-27.68	peak		0	
2	5845.000	3.11	47.61	50.72	74.00	-23.28	peak	100	98	
3	7224.000	5.83	48.04	53.87	74.00	-20.13	peak	100	59	
4	7224.000	5.83	38.54	44.37	54.00	-9.63	AVG	100	59	



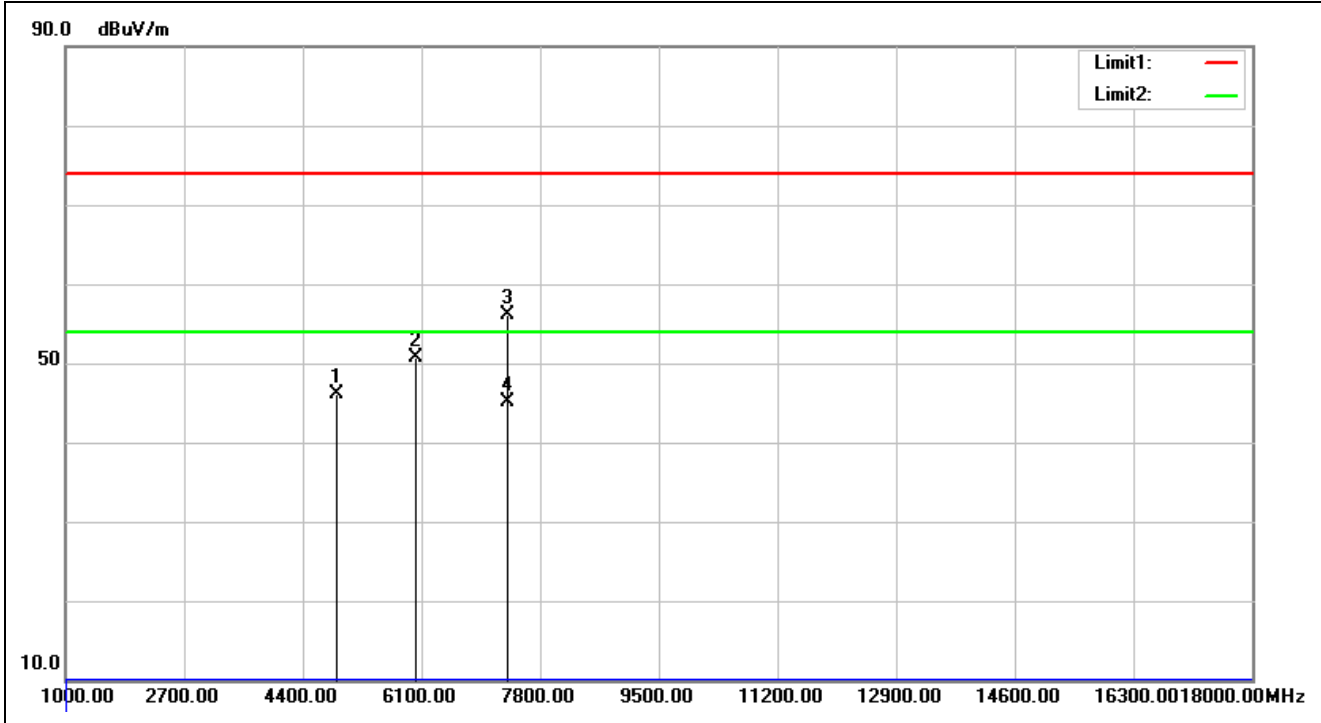
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/13 15:59:46</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2408-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	4816.000	-2.24	48.64	46.40	74.00	-27.60	peak			
2	5964.000	3.89	46.37	50.26	74.00	-23.74	peak	100	83	
3	7224.000	5.83	51.07	56.90	74.00	-17.10	peak	100	155	
4	7224.000	5.83	41.65	47.48	54.00	-6.52	AVG	100	155	



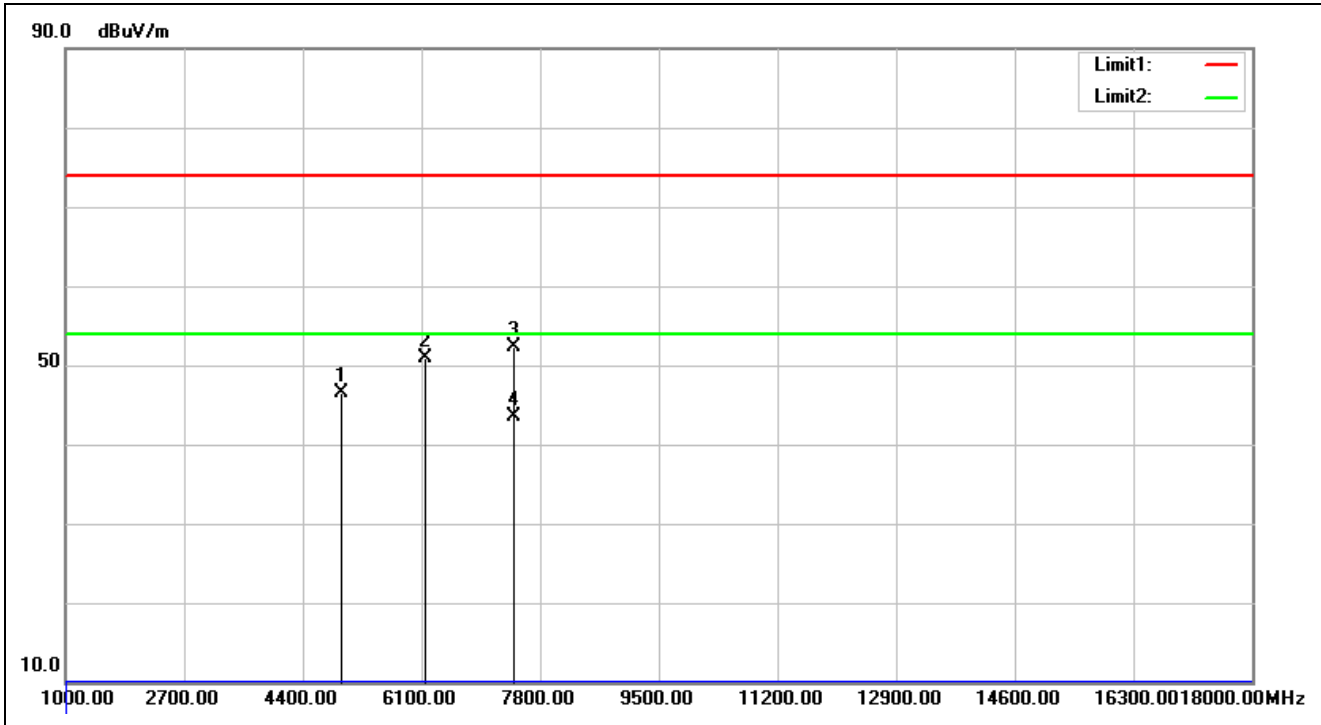
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/13 16:07:04</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</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	-2.10	48.32	46.22	74.00	-27.78	peak			
2	6491.000	5.99	44.87	50.86	74.00	-23.14	peak	100	236	
3	7320.000	6.10	46.60	52.70	74.00	-21.30	peak			
4	7320.000	6.10	37.50	43.60	54.00	-10.40	AVG			



<b>Service No.:</b>	<b>114048799-FCC</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>2016/4/13 16:08:07</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2440-TX</b>		
<b>Remark:</b>			

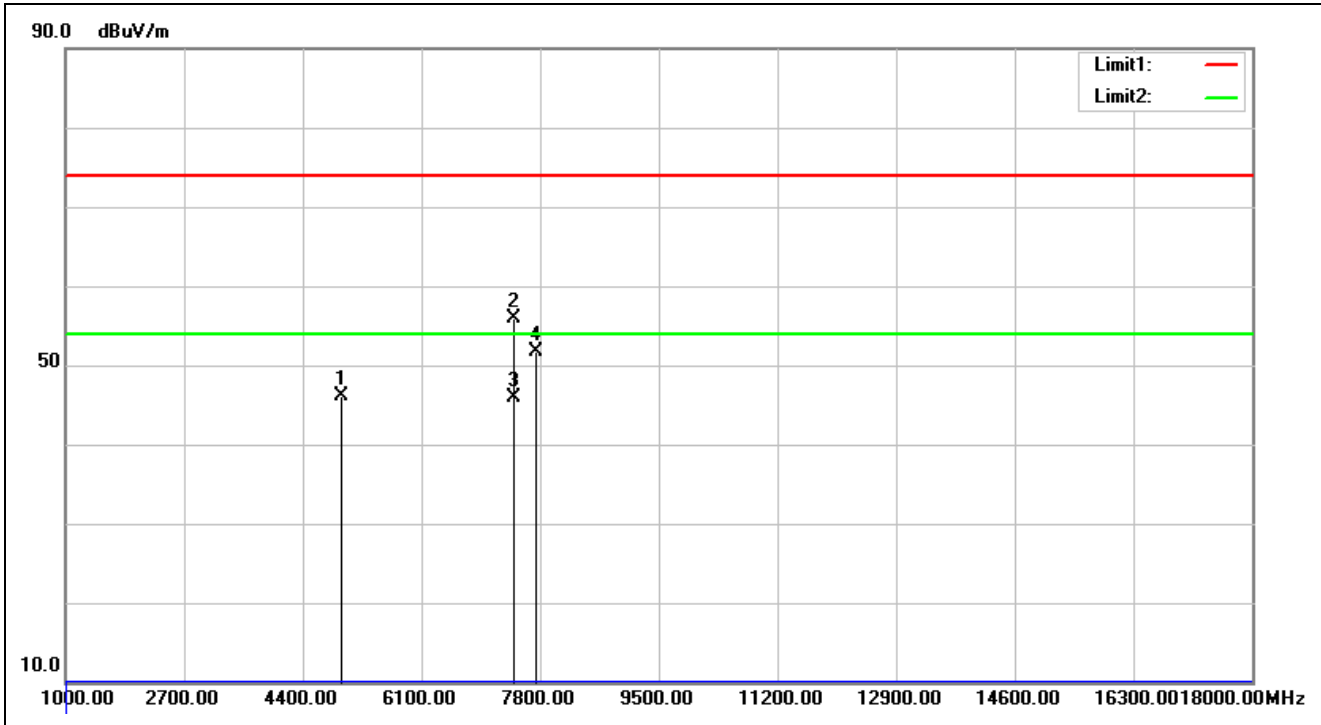
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4880.000	-2.10	48.16	46.06	74.00	-27.94	peak			
2	6015.000	4.19	46.43	50.62	74.00	-23.38	peak	100	257	
3	7320.000	6.10	49.99	56.09	74.00	-17.91	peak	100	163	
4	7320.000	6.10	39.00	45.10	54.00	-8.90	AVG	100	163	



<b>Service No.:</b>	<b>114048799-FCC</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>2016/4/13 16:13:11</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2474-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	4948.000	-1.92	48.39	46.47	74.00	-27.53	peak			
2	6151.000	4.70	46.28	50.98	74.00	-23.02	peak	100	322	
3	7422.000	6.40	45.88	52.28	74.00	-21.72	peak	100	67	
4	7422.000	6.40	37.10	43.50	54.00	-10.50	AVG	100	67	





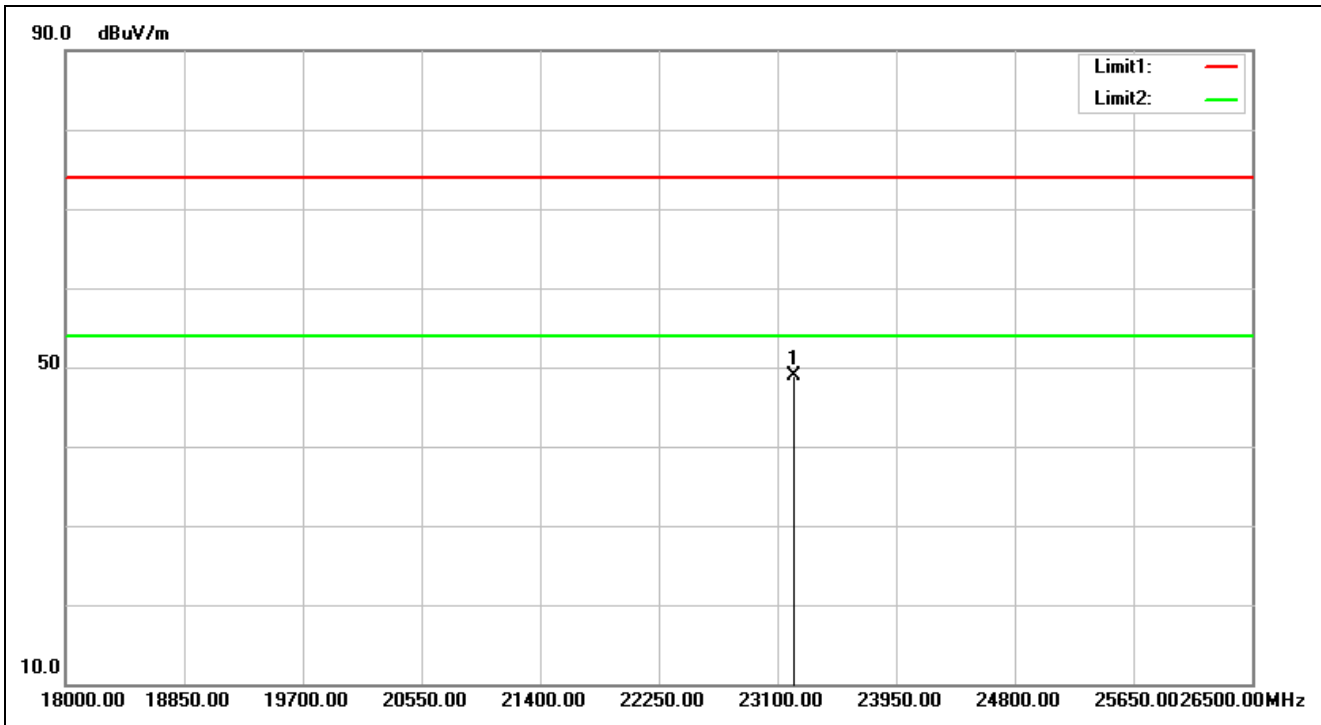
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/13 16:14:14</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>22.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2474-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	4948.000	-1.92	48.08	46.16	74.00	-27.84	peak			
2	7422.000	6.40	49.50	55.90	74.00	-18.10	peak	100	205	
3	7422.000	6.40	39.60	46.00	54.00	-8.00	AVG	100	205	
4	7732.000	6.60	45.12	51.72	74.00	-22.28	peak	100	136	

# Spurious Emissions, TX Mode, 18-26G

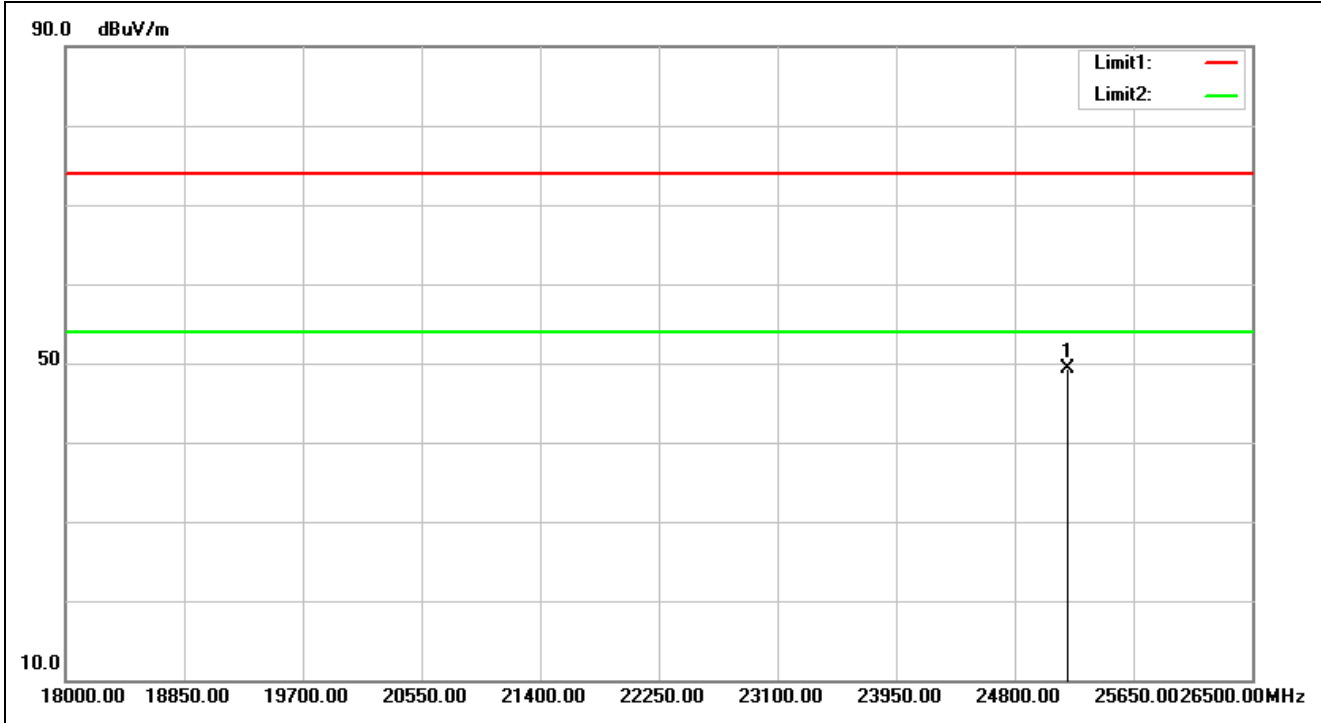


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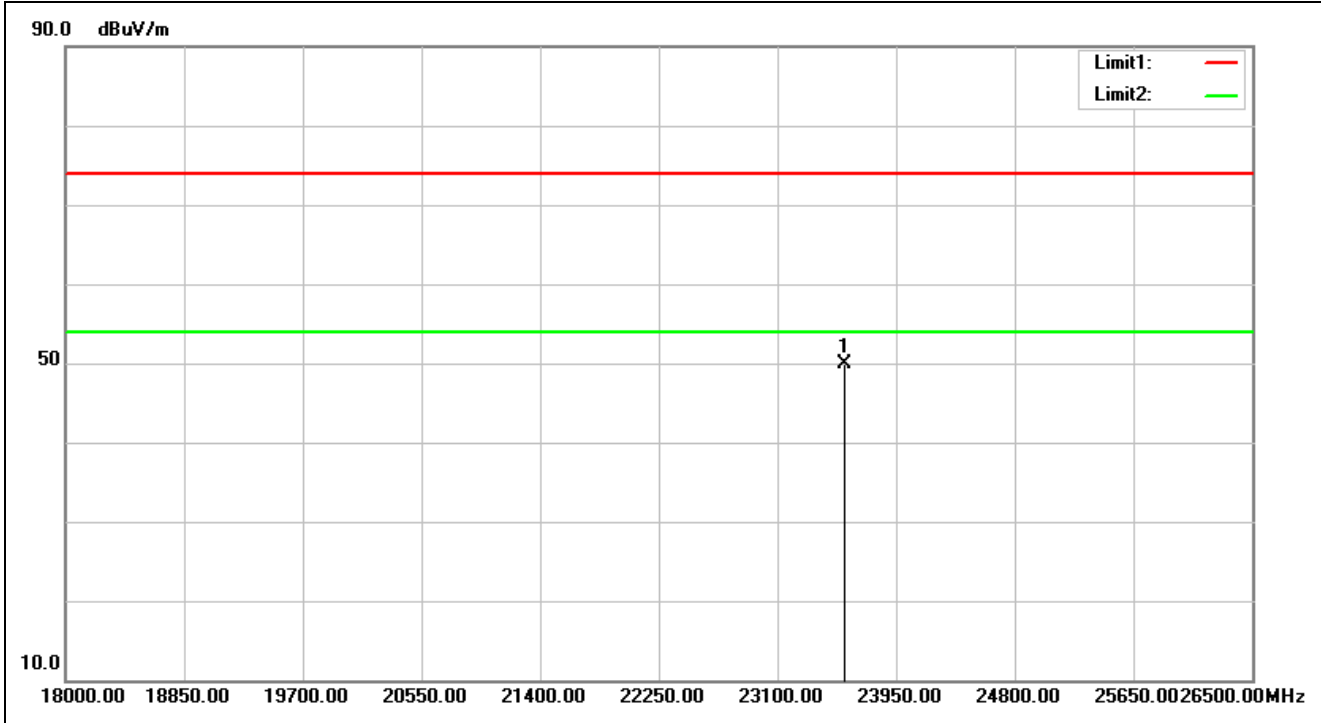
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/7 22:24:07</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.2(°C)/53%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2408-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	23219.000	30.28	18.67	48.95	74.00	-25.05	peak		0	



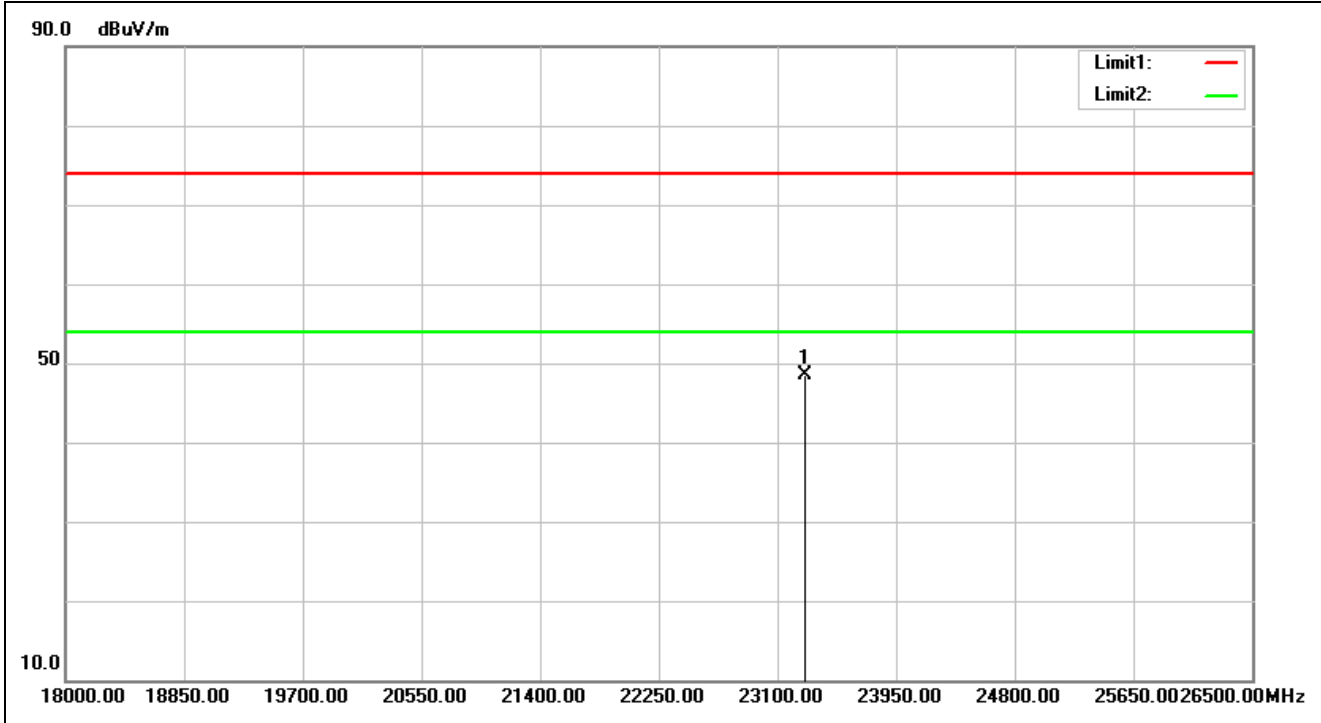
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/7 22:24:17</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.2(°C)/53%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2408-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	25174.000	31.44	17.87	49.31	74.00	-24.69	peak			



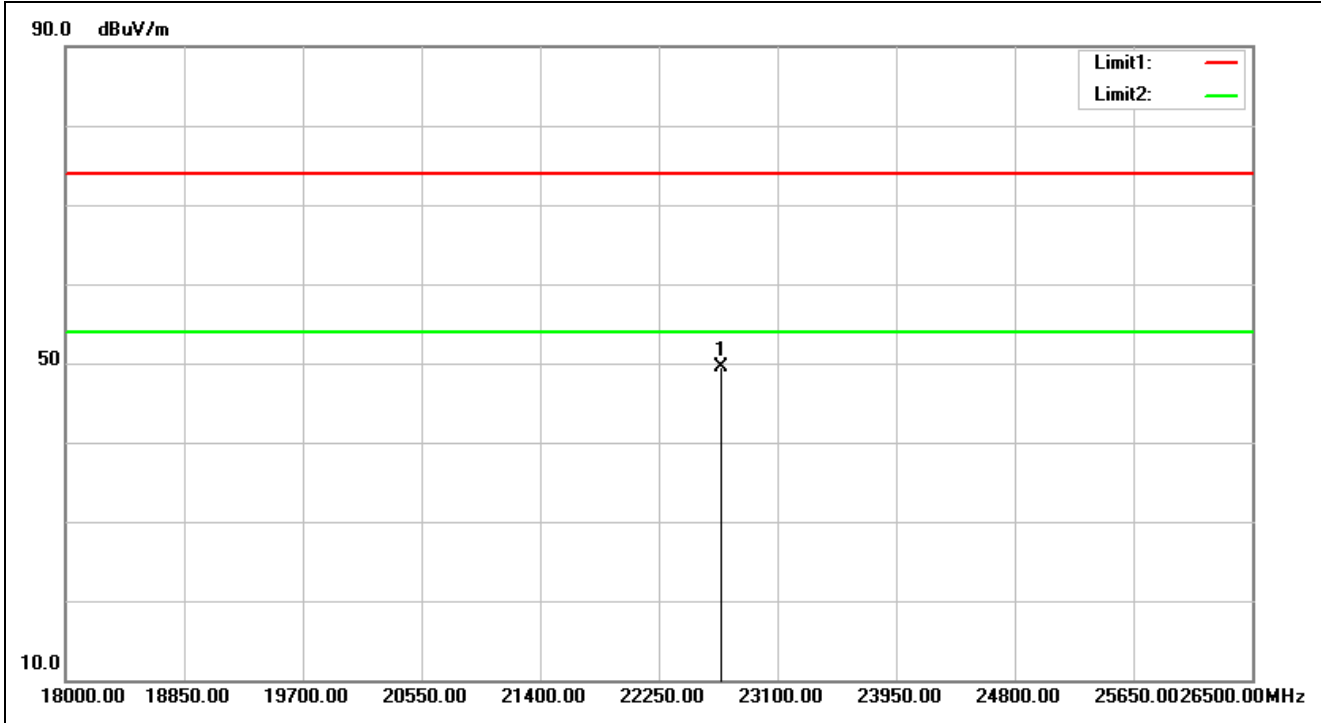
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/7 22:24:33</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.2(°C)/53%</b>
<b>Model No.:</b>	<b>RXF</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	23584.500	29.95	19.93	49.88	74.00	-24.12	peak			



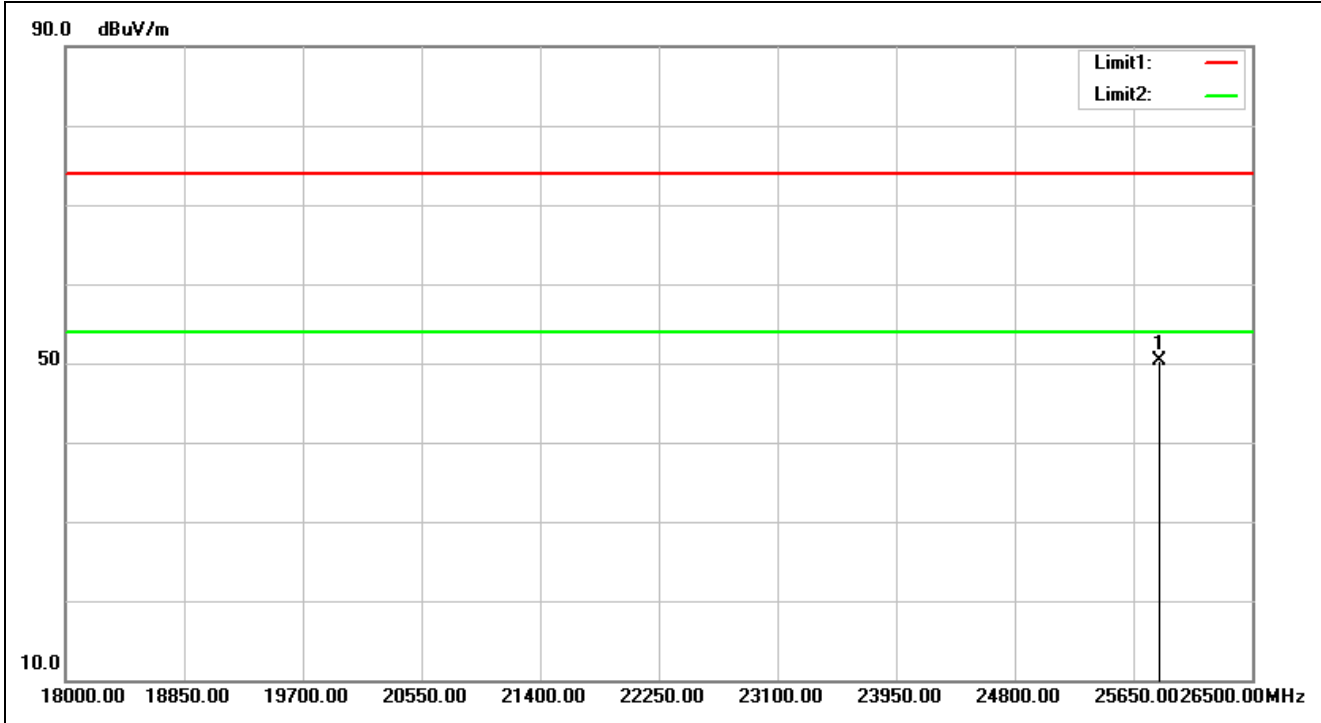
<b>Service No.:</b>	114048799-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/4/7 22:24:45
<b>Applicant:</b>	Acrox	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	2.4GHz Dongle	<b>Temp.(°C)/Hum.(%):</b>	20.2(°C)/53%
<b>Model No.:</b>	RXF	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2440-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	23295.500	30.21	18.26	48.47	74.00	-25.53	peak			



<b>Service No.:</b>	<b>114048799-FCC</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>2016/4/7 22:25:11</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20.2(°C)/53%</b>
<b>Model No.:</b>	<b>RXF</b>	<b>Test Engineer:</b>	<b>George Yang</b>
<b>Test Mode:</b>	<b>2474-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	22692.000	30.03	19.42	49.45	74.00	-24.55	peak			



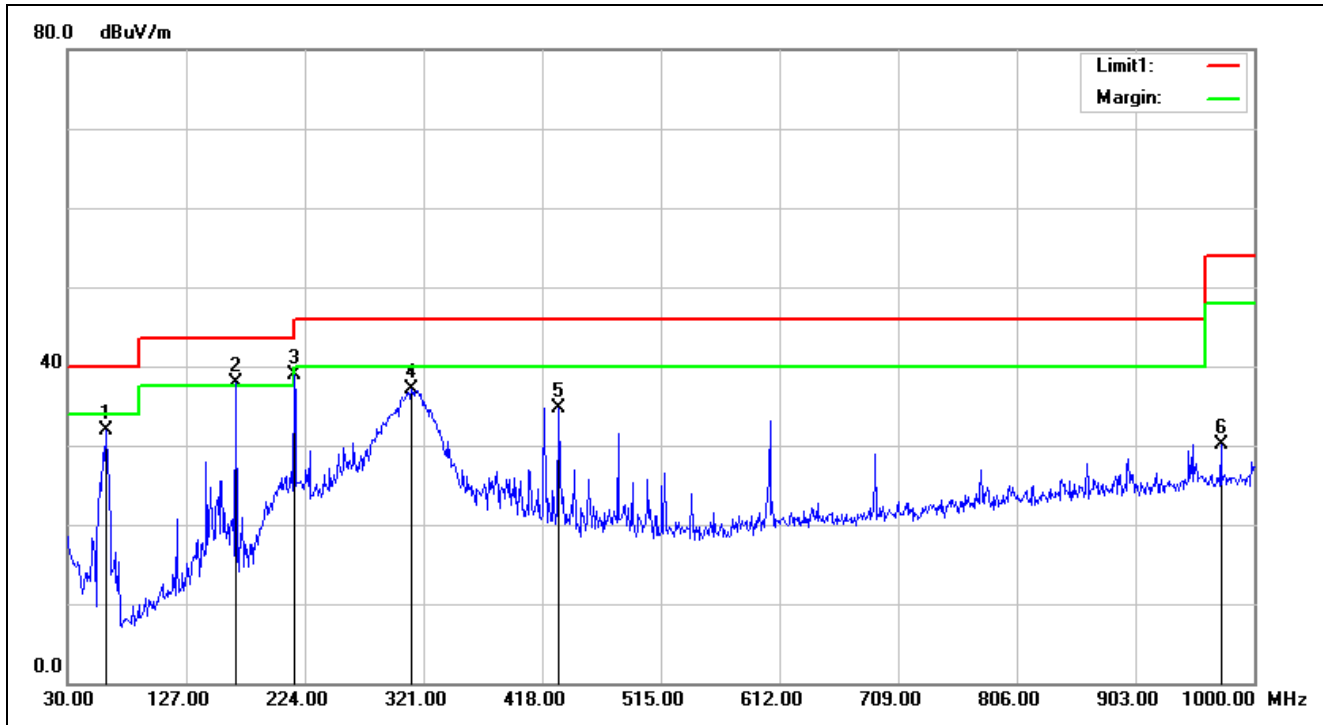
<b>Service No.:</b>	114048799-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/4/7 22:25:36
<b>Applicant:</b>	Acrox	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	2.4GHz Dongle	<b>Temp.(°C)/Hum.(%):</b>	20.2(°C)/53%
<b>Model No.:</b>	RXF	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2474-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	25837.000	32.24	17.98	50.22	74.00	-23.78	peak			

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



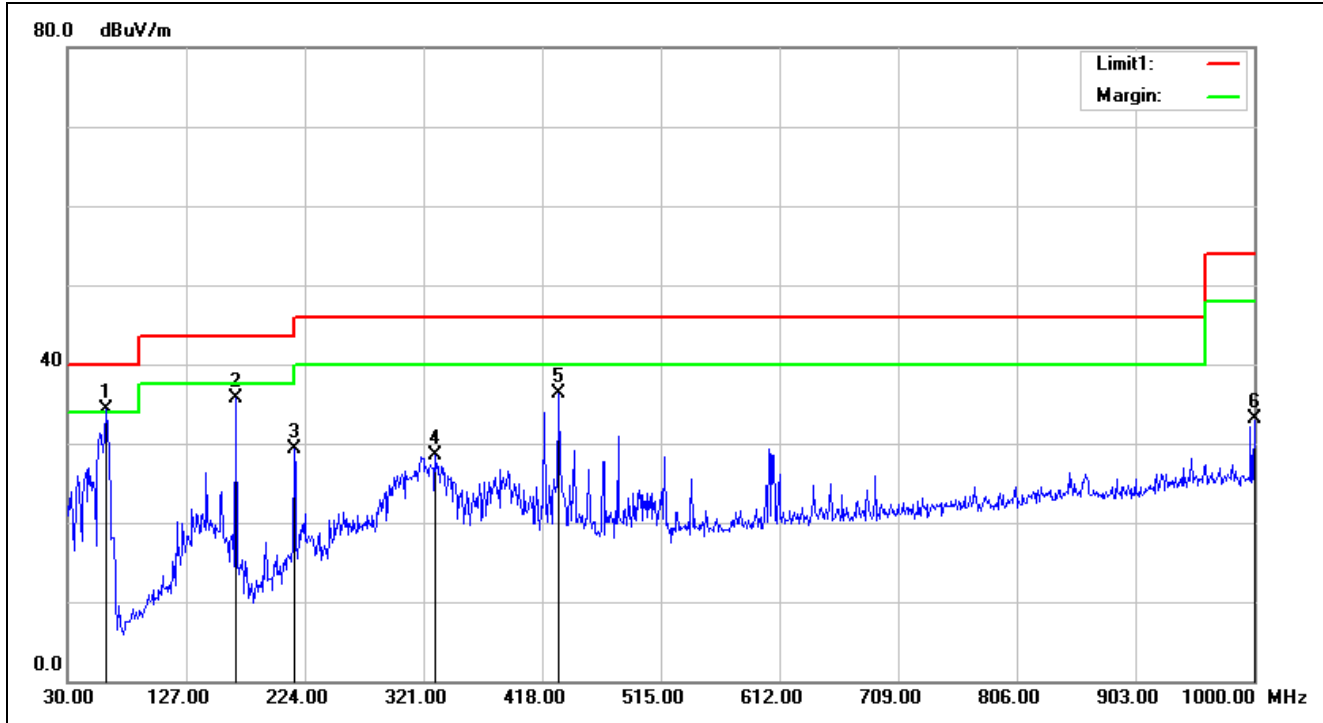
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<b>Service No.:</b>	114048799-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/4/8 20:35:06
<b>Applicant:</b>	Acrox	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	2.4GHz Dongle	<b>Temp.(°C)/Hum.(%):</b>	22.1(°C)/56%
<b>Model No.:</b>	RXF	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2440-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	61.0400	-19.64	51.62	31.98	40.00	-8.02	QP	100	187	
2	167.7400	-14.60	52.59	37.99	43.50	-5.51	QP	100	230	
3	215.2700	-14.34	53.27	38.93	43.50	-4.57	QP	100	299	
4	311.3000	-10.23	47.36	37.13	46.00	-8.87	QP	100	230	
5	431.5800	-8.27	43.06	34.79	46.00	-11.21	QP	100	291	
6	972.8400	-0.28	30.30	30.02	54.00	-23.98	QP	100	83	





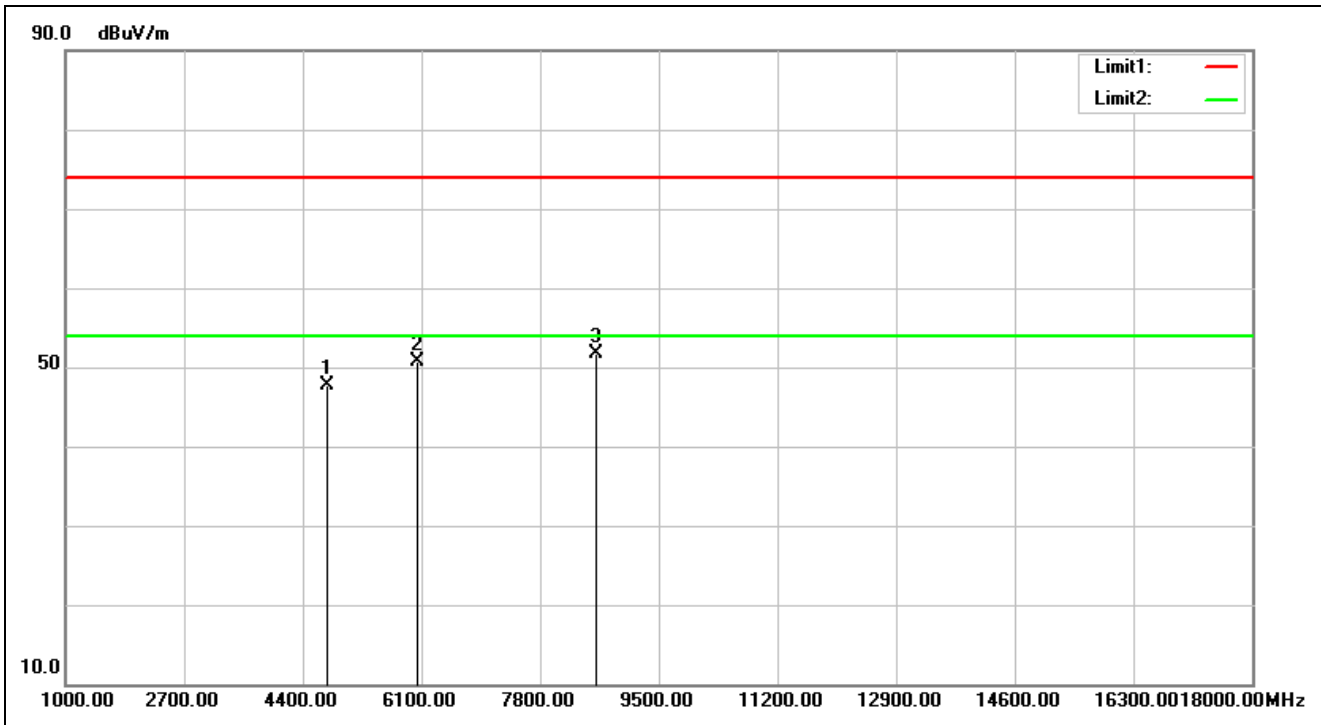
Service No.:	114048799-FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/4/8 20:36:09
Applicant:	Acrox	Test Rating:	DC 5V
Product:	2.4GHz Dongle	Temp.(°C)/Hum.(%):	22.1(°C)/56%
Model No.:	RXF	Test Engineer:	George Yang
Test Mode:	2440-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	62.0100	-19.54	53.82	34.28	40.00	-5.72	QP	100	224	
2	167.7400	-14.60	50.33	35.73	43.50	-7.77	QP	100	179	
3	215.2700	-14.34	43.62	29.28	43.50	-14.22	QP	100	184	
4	330.7000	-9.80	38.32	28.52	46.00	-17.48	QP	100	184	
5	431.5800	-8.27	44.64	36.37	46.00	-9.63	QP	100	184	
6	1000.0000	0.01	33.11	33.12	54.00	-20.88	QP	100	358	

# Spurious Emissions, RX Mode, 1-18G

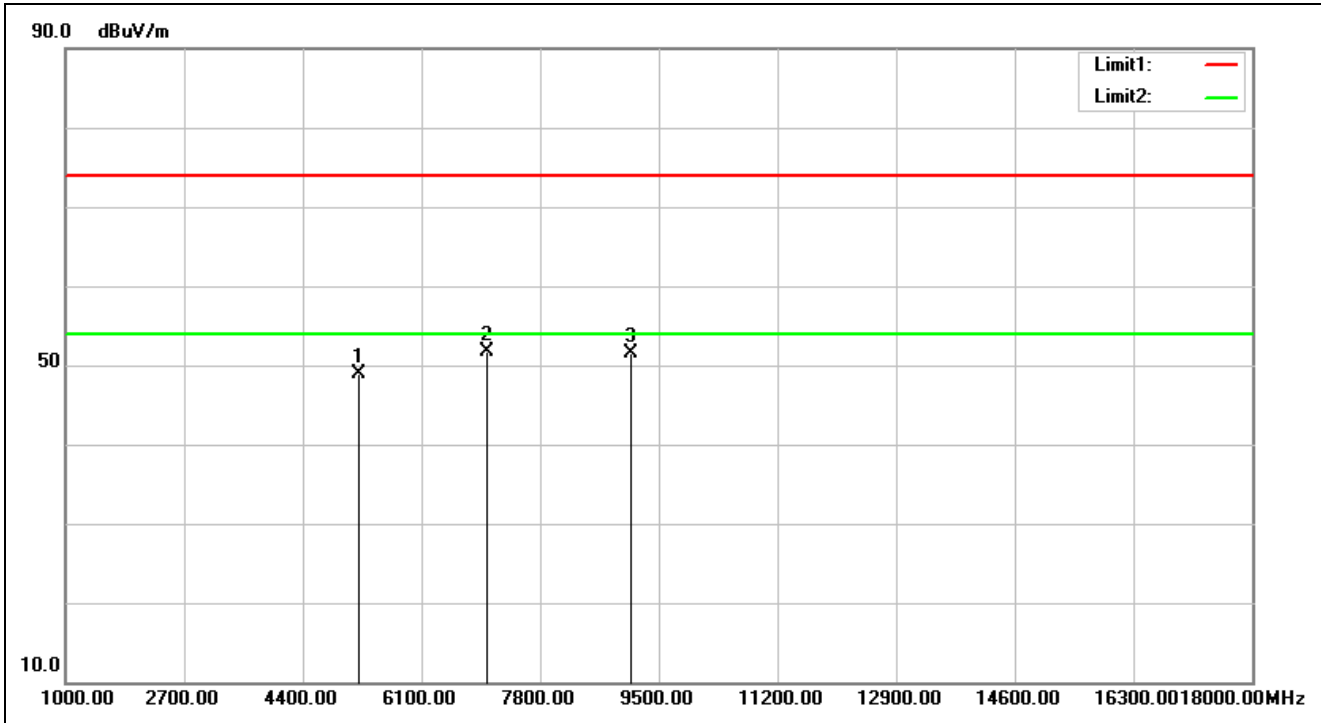


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<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/14 19:14:51</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>21.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</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	4757.000	-2.40	50.16	47.76	74.00	-26.24	peak	100	155	
2	6049.000	4.32	46.46	50.78	74.00	-23.22	peak	100	94	
3	8599.000	6.85	44.93	51.78	74.00	-22.22	peak	100	78	



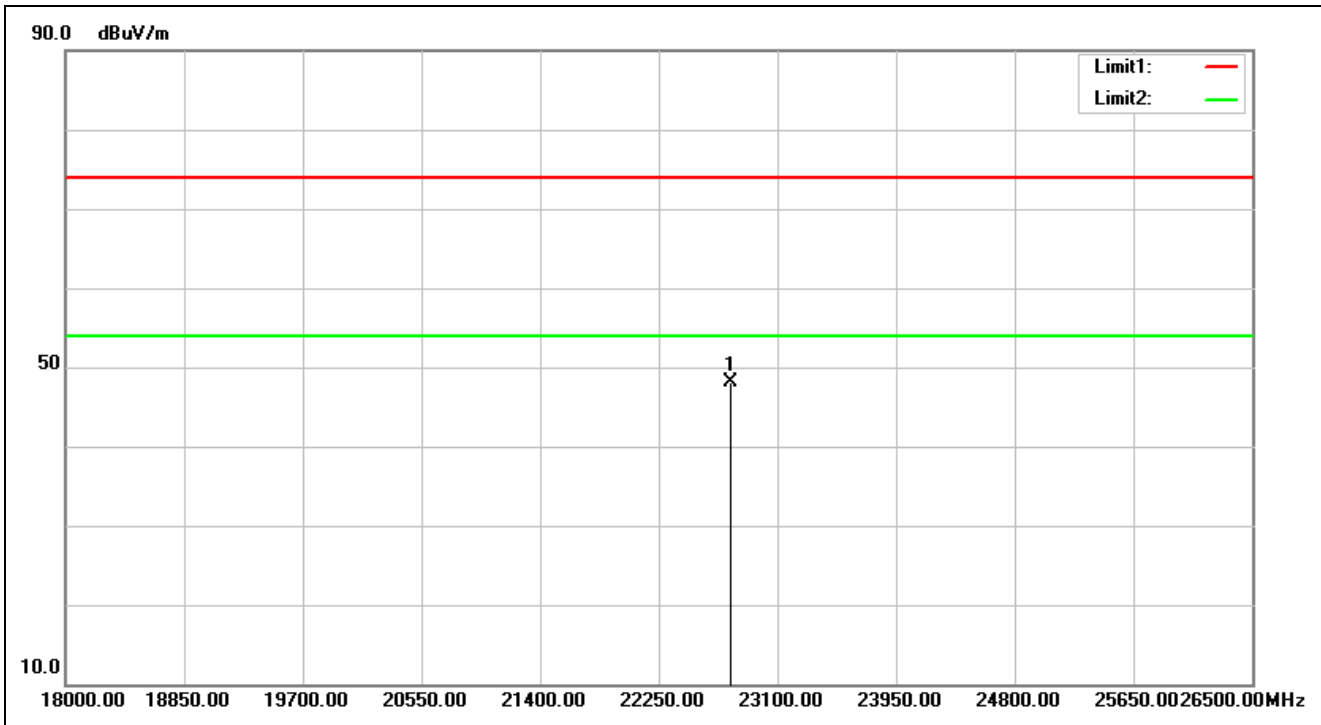
<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/14 19:15:53</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>21.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</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	5199.000	-0.75	49.59	48.84	74.00	-25.16	peak	100	175	
2	7035.000	5.27	46.39	51.66	74.00	-22.34	peak	100	178	
3	9109.000	7.27	44.25	51.52	74.00	-22.48	peak	100	20	

# Spurious Emissions, RX Mode, 18-26G

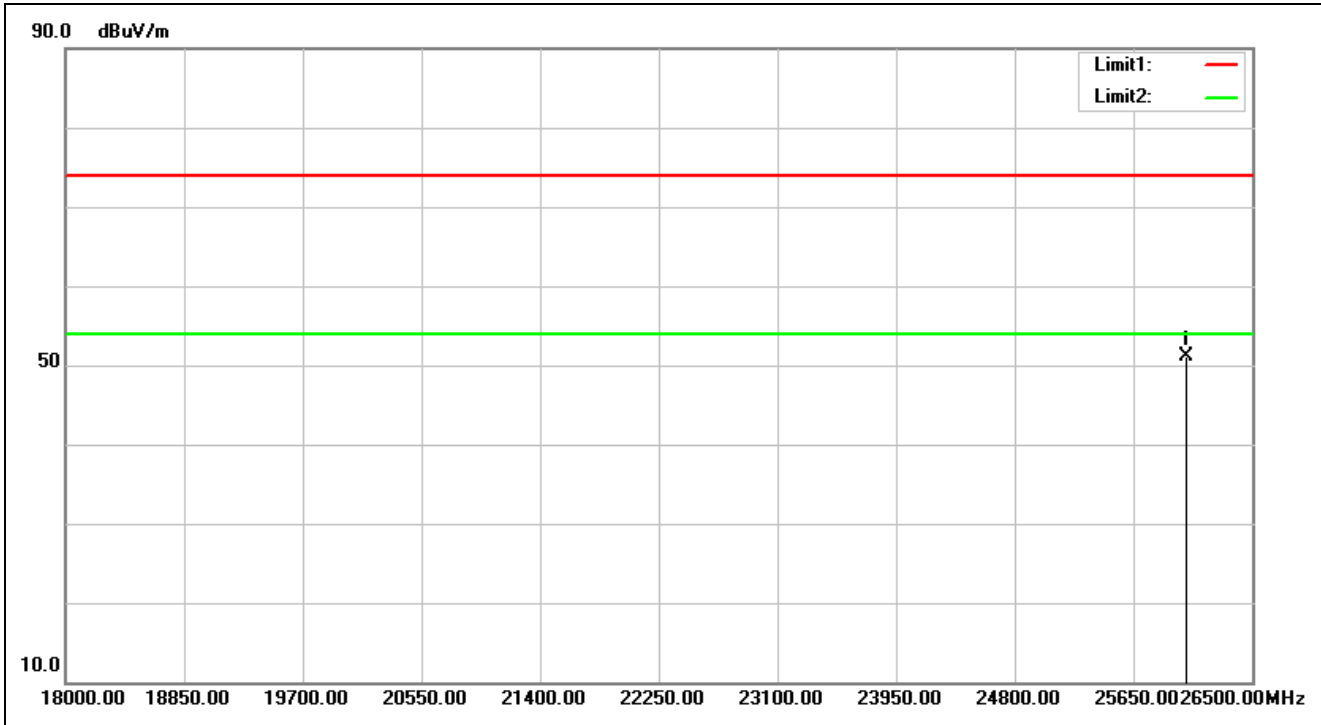


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<b>Service No.:</b>	<b>114048799-FCC</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>FCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2016/4/14 19:05:21</b>
<b>Applicant:</b>	<b>Acrox</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>2.4GHz Dongle</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>21.6(°C)/59%</b>
<b>Model No.:</b>	<b>RXF</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	22760.000	30.12	18.05	48.17	74.00	-25.83	peak			



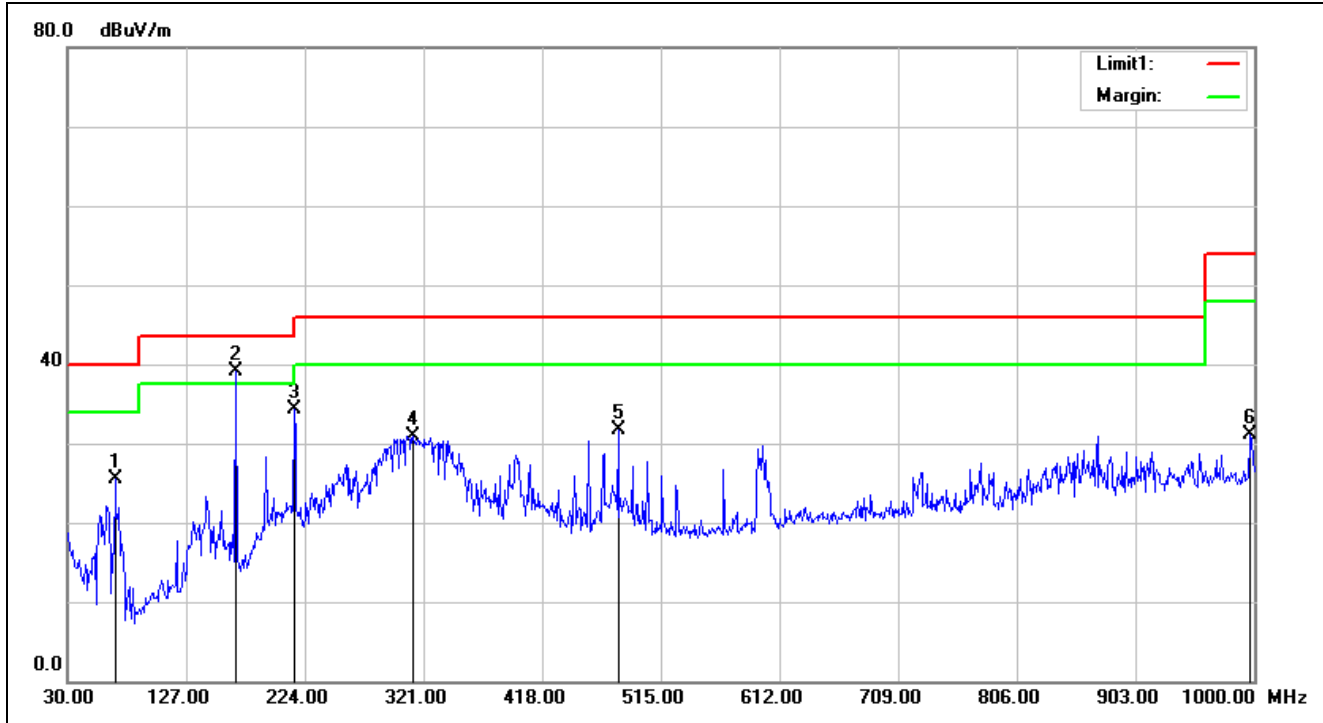
<b>Service No.:</b>	114048799-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/4/14 19:05:32
<b>Applicant:</b>	Acrox	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	2.4GHz Dongle	<b>Temp.(°C)/Hum.(%):</b>	21.6(°C)/59%
<b>Model No.:</b>	RXF	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2440-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	26032.500	32.39	18.74	51.13	74.00	-22.87	peak			

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

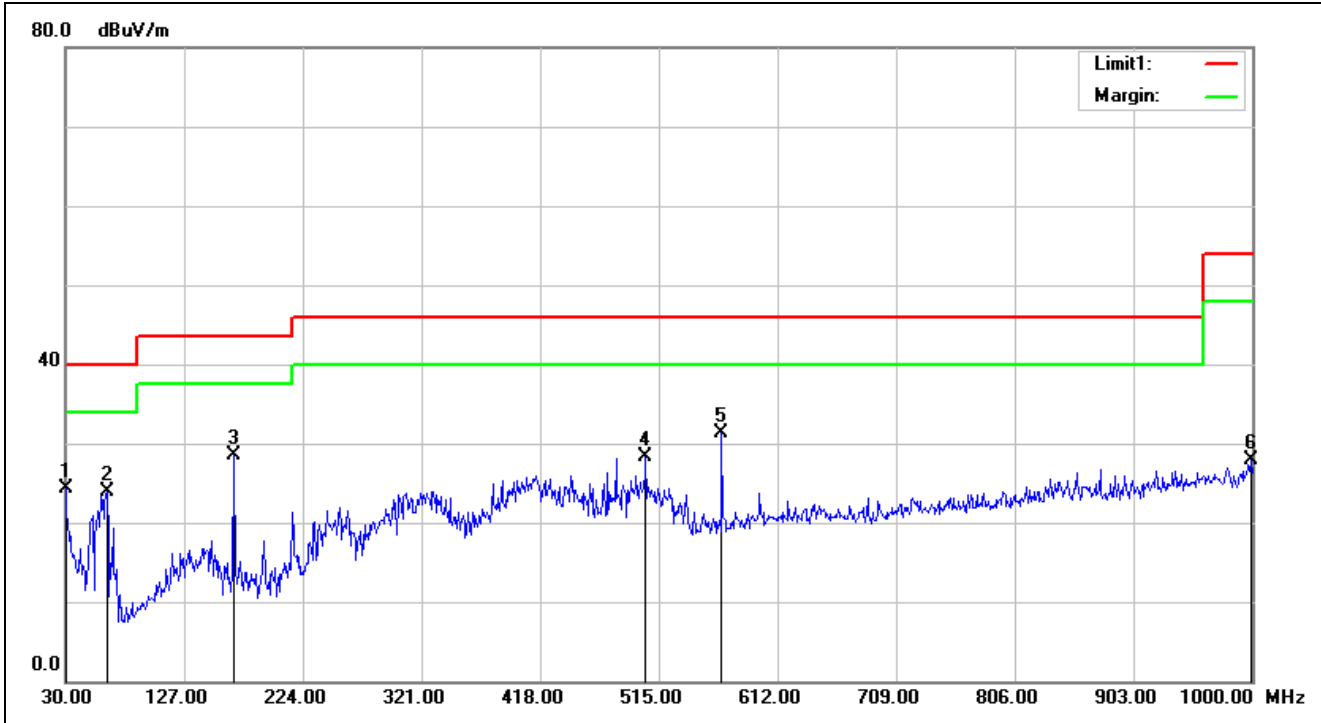


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<b>Service No.:</b>	114048799-FCC	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	FCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2016/4/14 18:46:24
<b>Applicant:</b>	Acrox	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	2.4GHz Dongle	<b>Temp.(°C)/Hum.(%):</b>	21.6(°C)/59%
<b>Model No.:</b>	RXF	<b>Test Engineer:</b>	George Yang
<b>Test Mode:</b>	2440-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	68.8000	-18.94	44.51	25.57	40.00	-14.43	QP	100	333	
2	167.7400	-14.60	53.80	39.20	43.50	-4.30	QP	100	175	
3	215.2700	-14.34	48.59	34.25	43.50	-9.25	QP	100	175	
4	312.2700	-10.21	41.16	30.95	46.00	-15.05	QP	100	219	
5	480.0800	-7.59	39.23	31.64	46.00	-14.36	QP	100	354	
6	997.0900	-0.03	31.04	31.01	54.00	-22.99	QP	100	208	

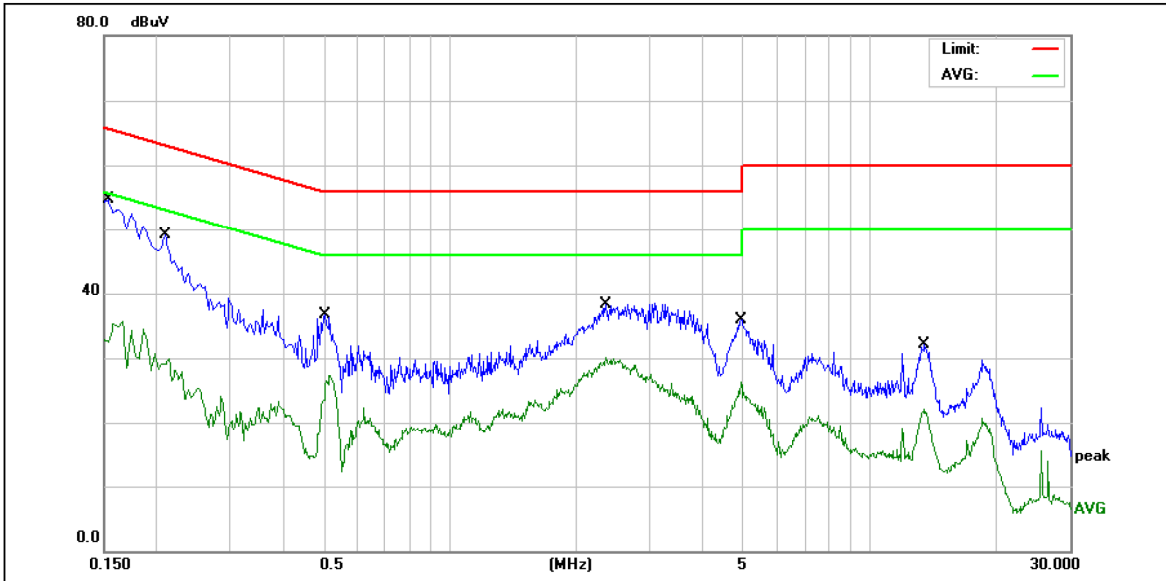


Service No.:	114048799-FCC	Test Distance:	3m
Test Standard:	FCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2016/4/14 18:47:27
Applicant:	Acrox	Test Rating:	DC 5V
Product:	2.4GHz Dongle	Temp.(°C)/Hum.(%):	21.6(°C)/59%
Model No.:	RXF	Test Engineer:	George Yang
Test Mode:	2440-RX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	30.0000	-5.85	30.10	24.25	40.00	-15.75	QP	100	135	
2	63.9500	-19.37	43.24	23.87	40.00	-16.13	QP	100	255	
3	167.7400	-14.60	43.08	28.48	43.50	-15.02	QP	100	195	
4	504.3300	-7.27	35.58	28.31	46.00	-17.69	QP	100	189	
5	566.4100	-6.66	38.04	31.38	46.00	-14.62	QP	100	157	
6	999.0300	0.00	27.98	27.98	54.00	-26.02	QP	100	358	

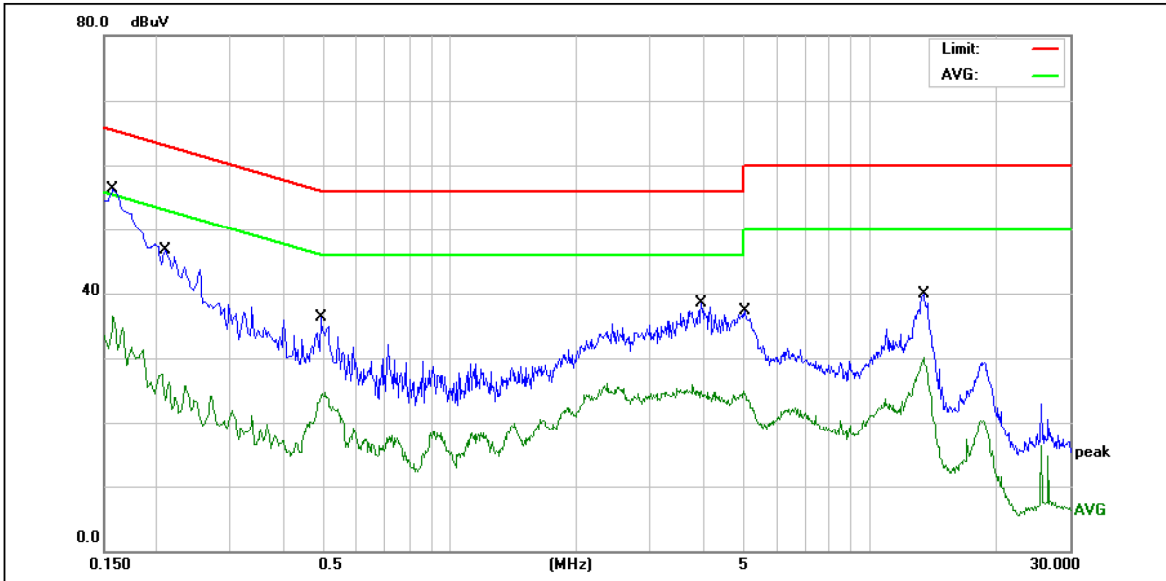
# Mains Spurious Emissions





Service No.: 114048799  
 Test Standard: FCC Class B Conduction(QP)  
 Test item: Conducted Emission Phase: L1  
 Applicant: Acrox Temp.(°C)/Hum.(%): 18.7(°C) / 52 %  
 Product: 2.4GHz dongle Power Rating: 5Vdc (via USB port)  
 Model No.: dongle Test Engineer: Sam Su  
 Test Mode: Normal operation  
 Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1539	9.65	41.91	51.56	65.78	-14.22	QP	P	
2	0.1539	9.65	24.03	33.68	55.78	-22.10	AVG	P	
3	0.2100	9.63	33.40	43.03	63.20	-20.17	QP	P	
4	0.2100	9.63	18.24	27.87	53.20	-25.33	AVG	P	
5	0.5060	9.63	22.06	31.69	56.00	-24.31	QP	P	
6	0.5060	9.63	15.31	24.94	46.00	-21.06	AVG	P	
7	2.3540	9.65	23.72	33.37	56.00	-22.63	QP	P	
8	2.3540	9.65	19.04	28.69	46.00	-17.31	AVG	P	
9	4.9460	9.69	20.36	30.05	56.00	-25.95	QP	P	
10	4.9460	9.69	13.14	22.83	46.00	-23.17	AVG	P	
11	13.5260	9.81	16.35	26.16	60.00	-33.84	QP	P	
12	13.5260	9.81	10.07	19.88	50.00	-30.12	AVG	P	



Service No.: 114048799  
 Test Standard: FCC Class B Conduction(QP)  
 Test item: Conducted Emission Phase: N  
 Applicant: Acrox Temp.(°C)/Hum.(%): 18.7(°C) / 52 %  
 Product: 2.4GHz dongle Power Rating: 5Vdc (via USB port)  
 Model No.: dongle Test Engineer: Sam Su  
 Test Mode: Normal operation  
 Remark:

No.	Frequency (MHz)	Factor ()	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F	Remark
1	0.1580	9.66	40.72	50.38	65.56	-15.18	QP	P	
2	0.1580	9.66	21.72	31.38	55.56	-24.18	AVG	P	
3	0.2100	9.65	31.88	41.53	63.20	-21.67	QP	P	
4	0.2100	9.65	13.47	23.12	53.20	-30.08	AVG	P	
5	0.4940	9.64	19.78	29.42	56.10	-26.68	QP	P	
6	0.4940	9.64	13.86	23.50	46.10	-22.60	AVG	P	
7	3.9820	9.68	20.25	29.93	56.00	-26.07	QP	P	
8	3.9820	9.68	13.10	22.78	46.00	-23.22	AVG	P	
9	5.0380	9.71	21.95	31.66	60.00	-28.34	QP	P	
10	5.0380	9.71	12.56	22.27	50.00	-27.73	AVG	P	
11	13.4100	9.85	23.05	32.90	60.00	-27.10	QP	P	
12	13.4100	9.85	16.62	26.47	50.00	-23.53	AVG	P	