

# Test Report No.50174383 001

## Appendix D: Radiated Emission Data

(File: 50174383AppendixD)

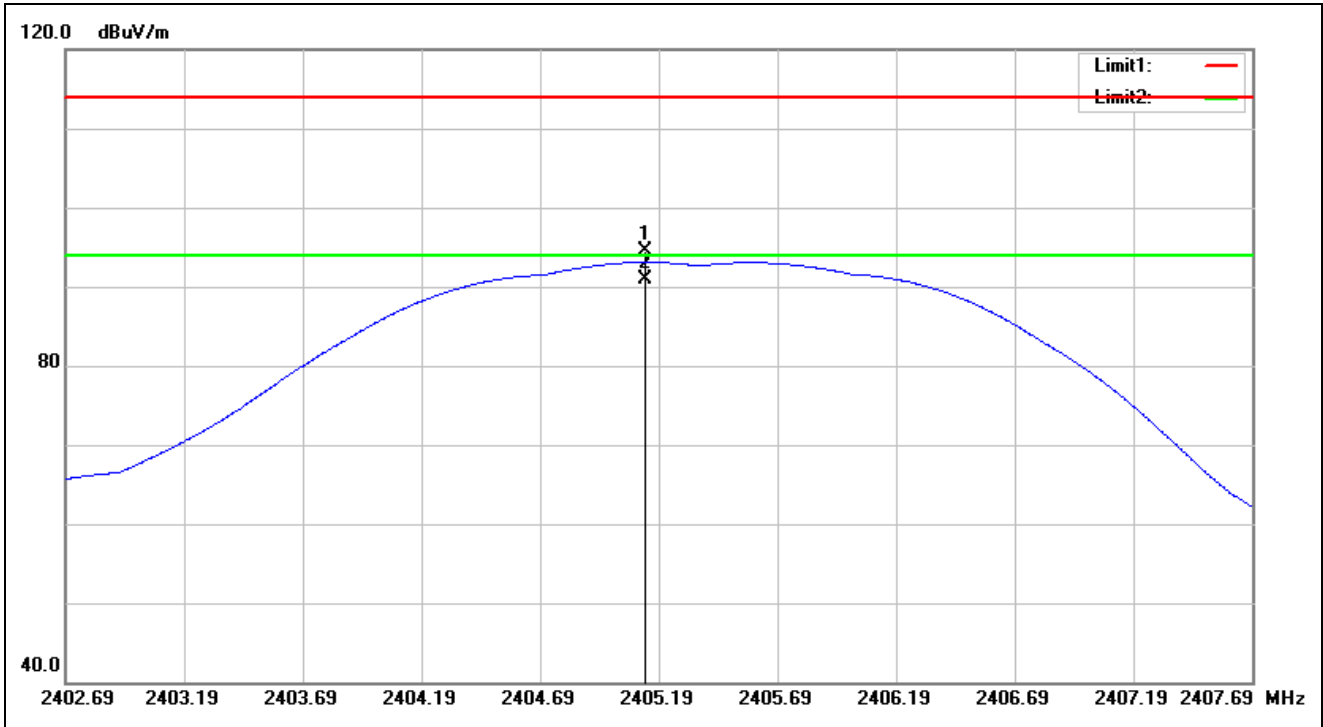
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# Radiated Emissions, Fundamental and Band Edges

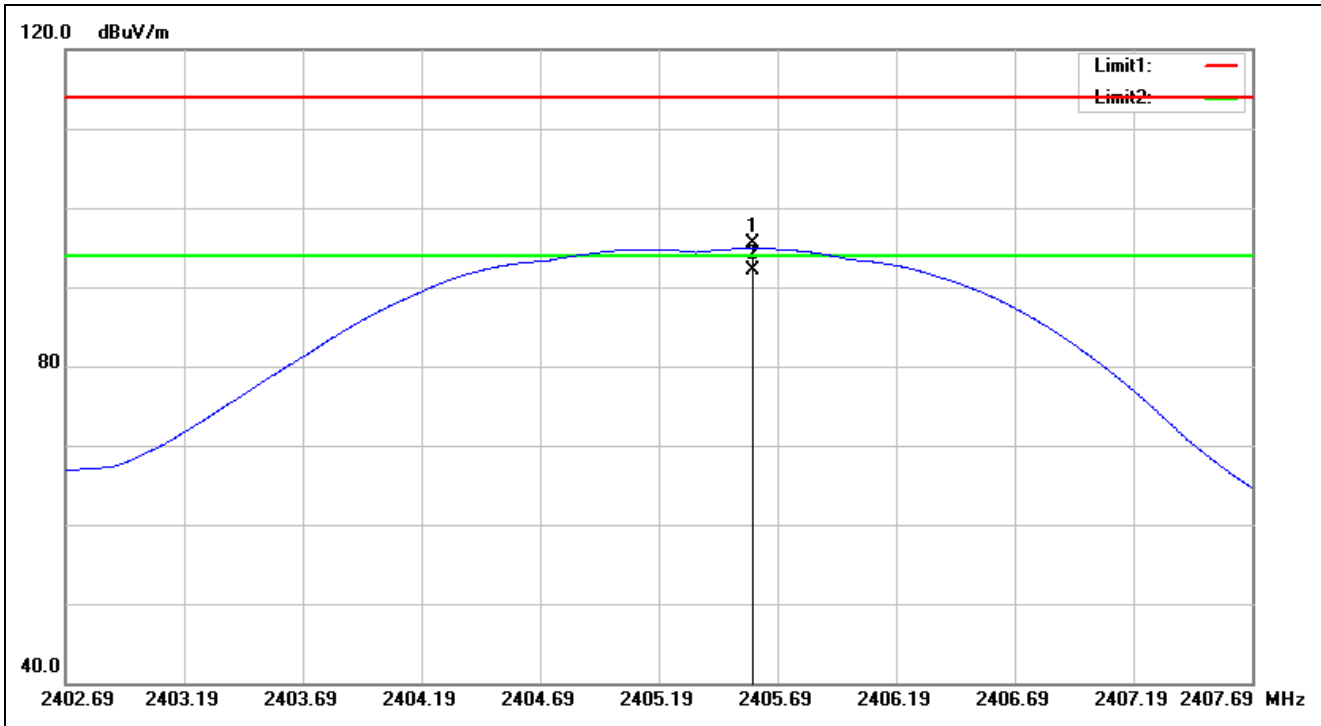


**TUV Rheinland Taiwan Ltd.**  
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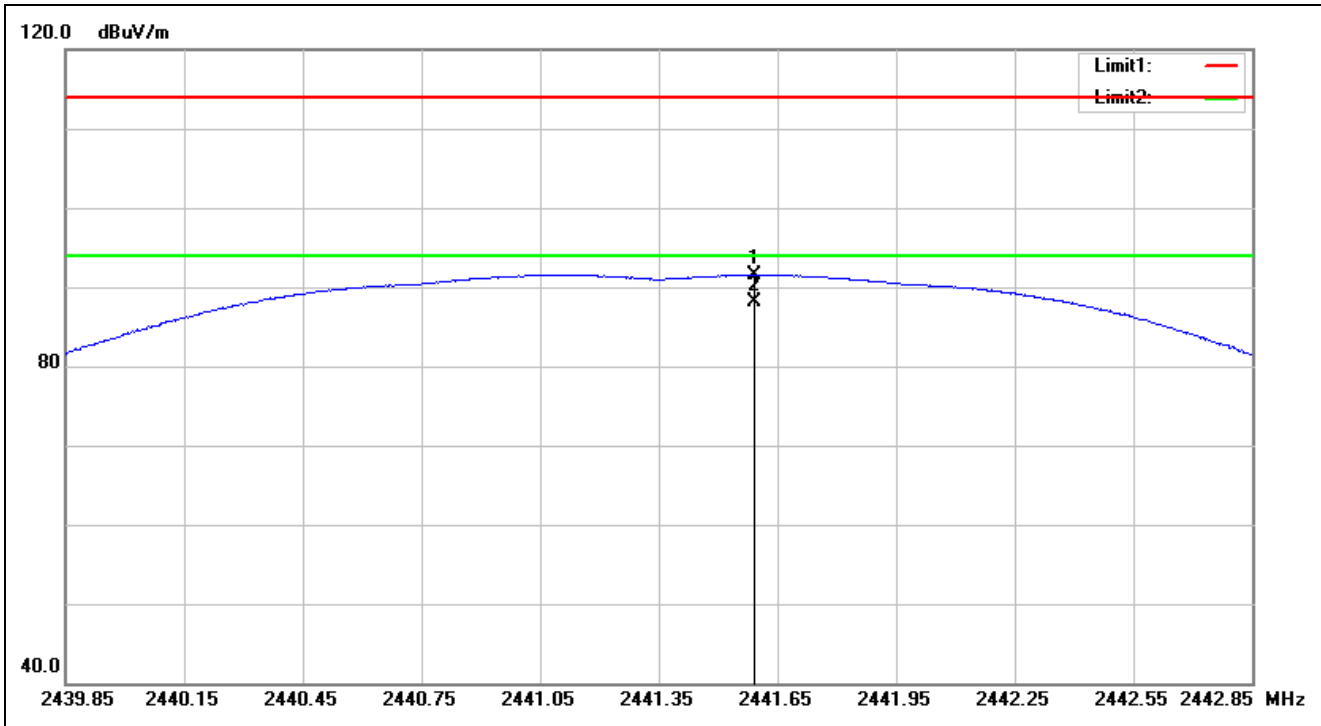
<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC_3.10.2_TX_PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 13:58:57
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.40535-TX		
<b>Remark:</b>	setting:0x15		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2405.134	-7.91	102.32	94.41	114.00	-19.59	peak	171	273	
2	2405.134	-7.91	98.89	90.98	94.00	-3.02	AVG	171	273	



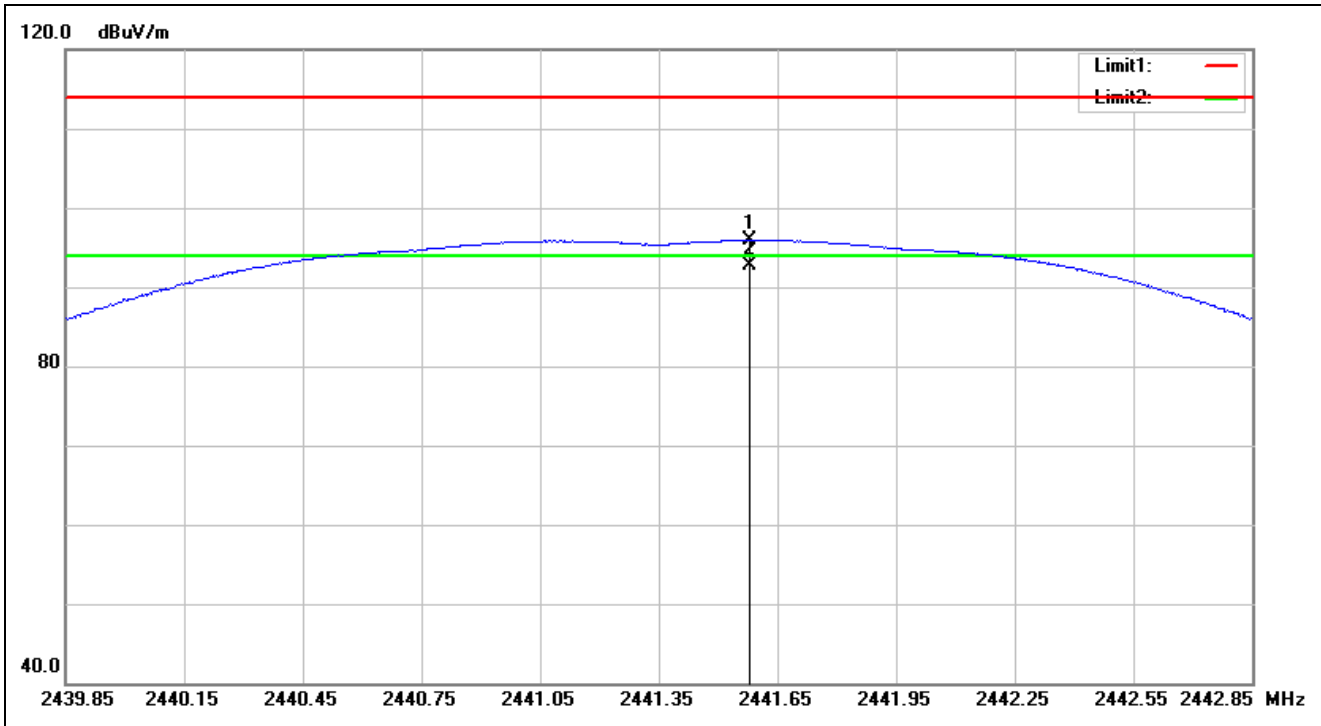
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC_3.10.2_TX_PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 14:00:00</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.40535-TX</b>		
<b>Remark:</b>	<b>setting:0x15</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2405.580	-7.90	103.44	95.54	114.00	-18.46	peak	126	260	
2	2405.580	-7.90	99.97	92.07	94.00	-1.93	AVG	126	260	



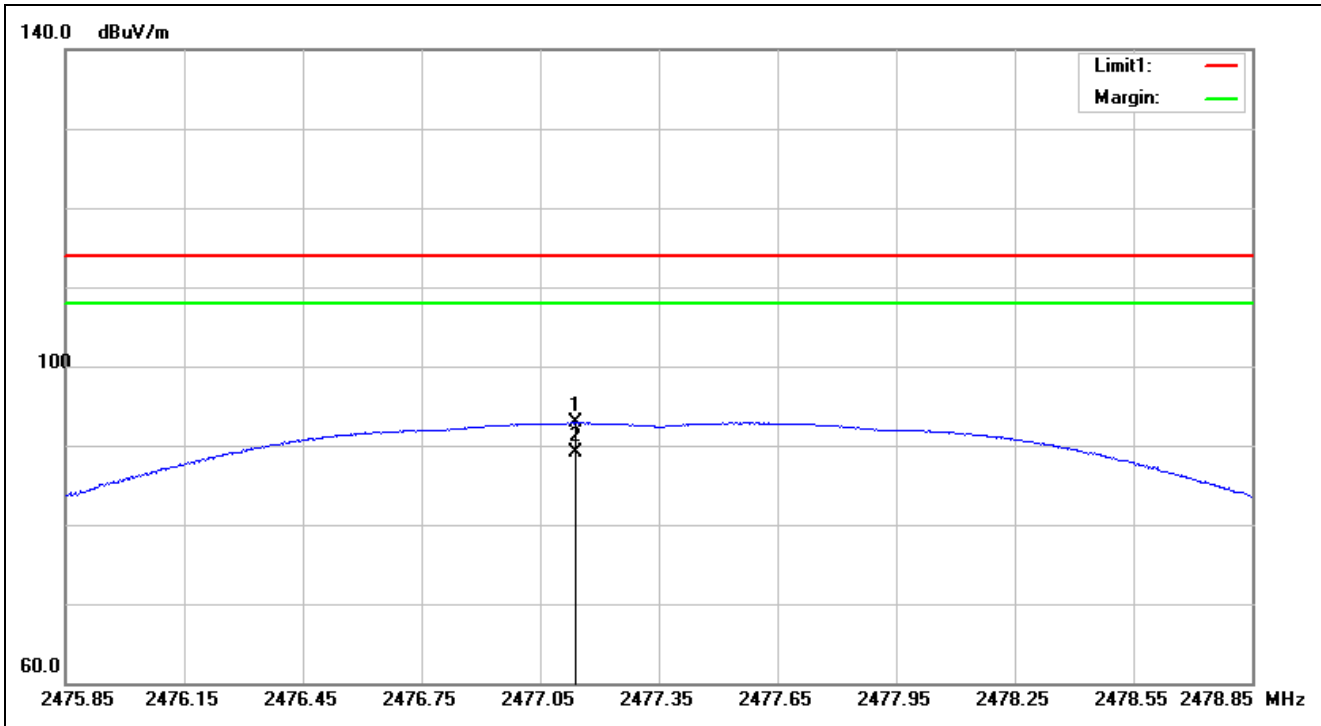
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC_3.10.2_TX_PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/2 09:52:10</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23.1(°C)/58%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Curry Chen</b>
<b>Test Mode:</b>	<b>2.44135G-TX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.590	-7.89	99.42	91.53	114.00	-22.47	peak	128	66	
2	2441.590	-7.89	96.07	88.18	94.00	-5.82	AVG	128	66	



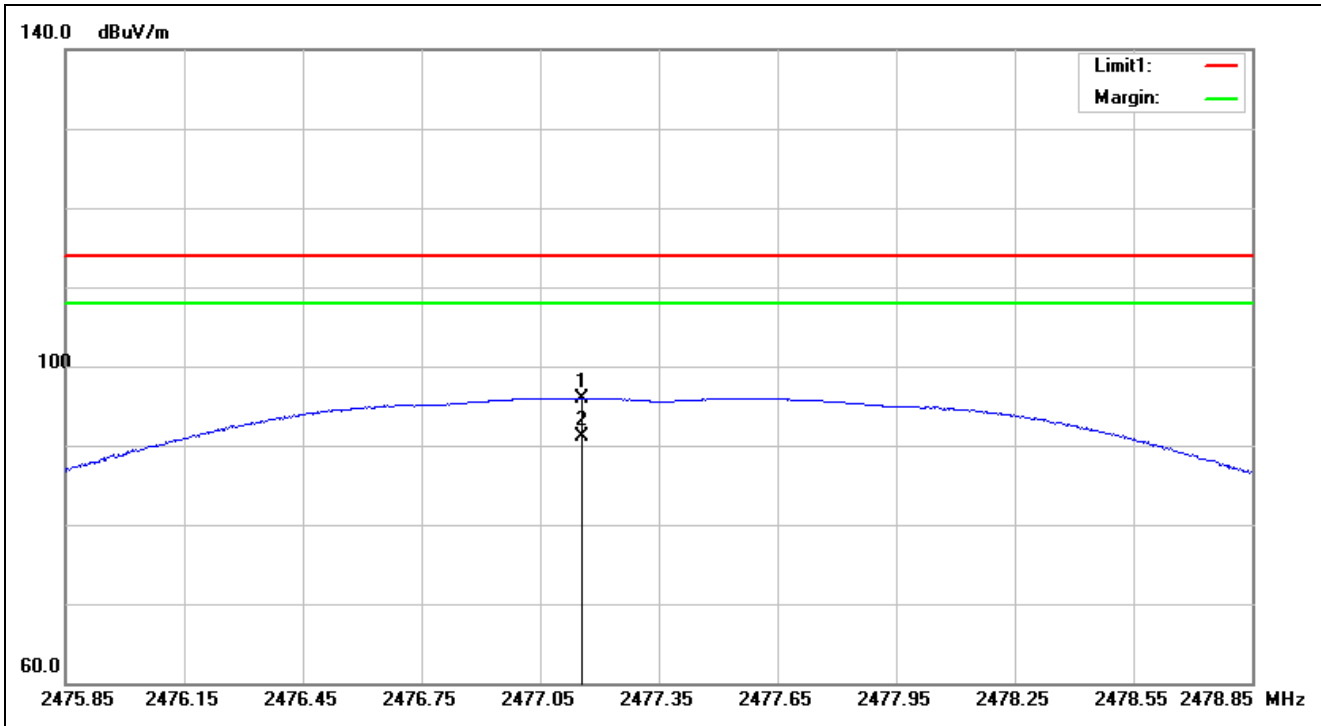
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC_3.10.2_TX_PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/2 09:53:15</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>23.1(°C)/58%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Curry Chen</b>
<b>Test Mode:</b>	<b>2.44135G-TX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2441.581	-7.89	103.83	95.94	114.00	-18.06	peak	216	119	
2	2441.581	-7.89	100.55	92.66	94.00	-1.34	AVG	216	119	



<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC_3.10.2_TX_PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/8/8 21:20:17</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20(°C)/55%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.47735-TX</b>		
<b>Remark:</b>	<b>setting:0x08</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2477.140	-8.03	100.87	92.84	114.00	-21.16	peak	100	14	
2	2477.140	-8.03	97.06	89.03	114.00	-24.97	AVG	100	14	

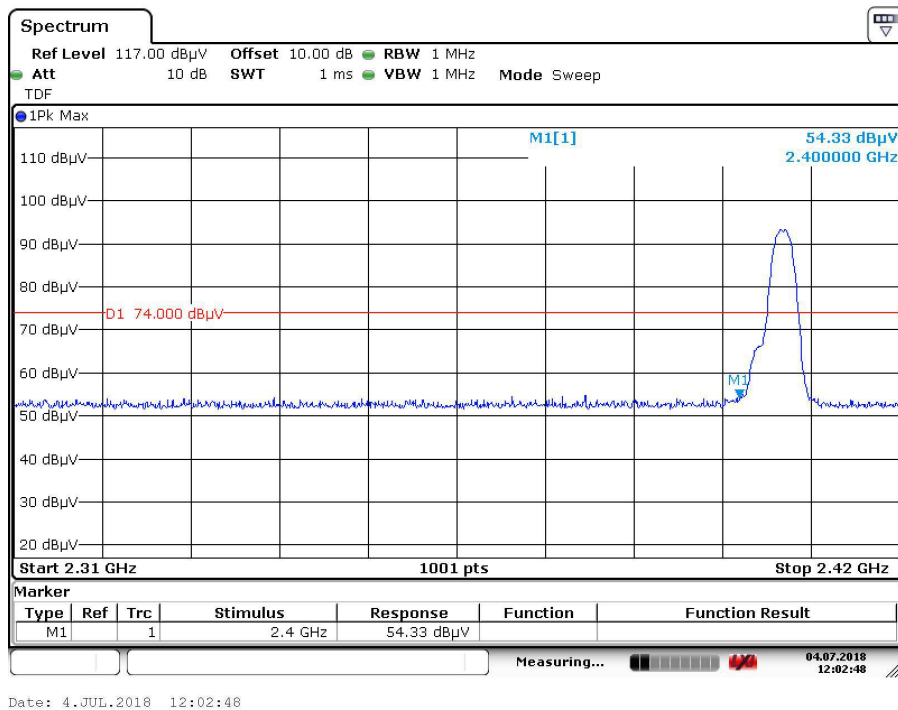
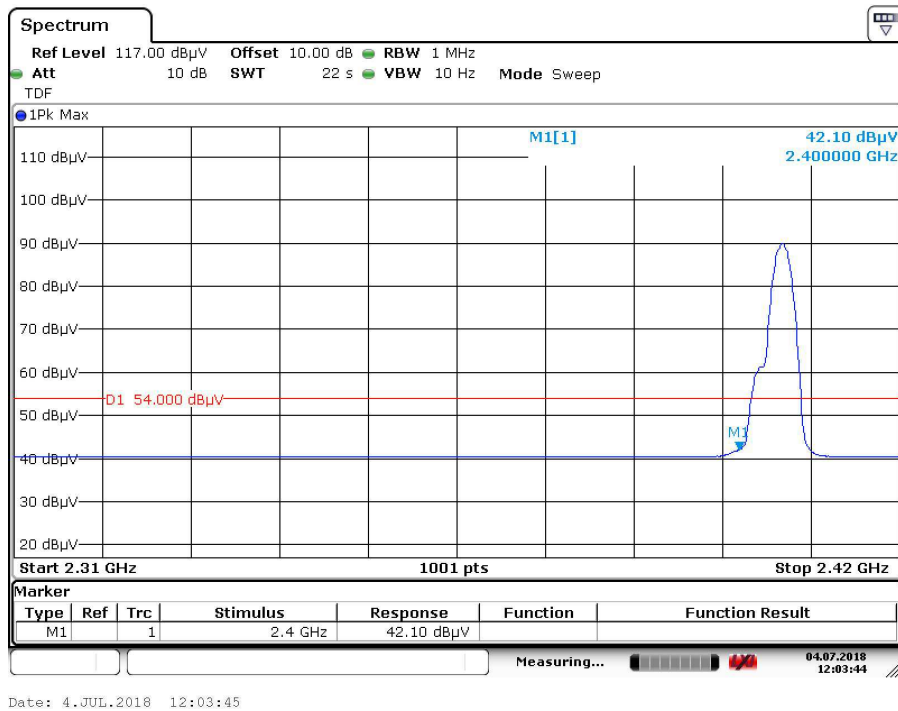


<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC_3.10.2_TX_PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/8/8 21:19:15</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20(°C)/55%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.47735-TX</b>		
<b>Remark:</b>	<b>setting:0x08</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2477.155	-8.03	104.02	95.99	114.00	-18.01	peak	100	308	
2	2477.155	-8.03	99.07	91.04	114.00	-22.96	AVG	100	308	

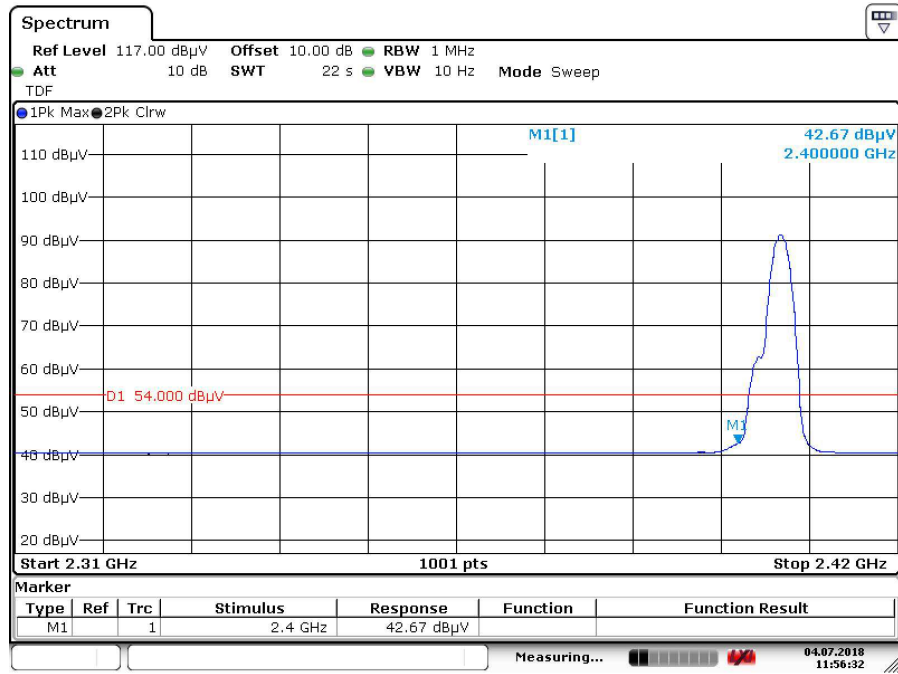
# Radiated Bandedge

## Low Channel (Hor)

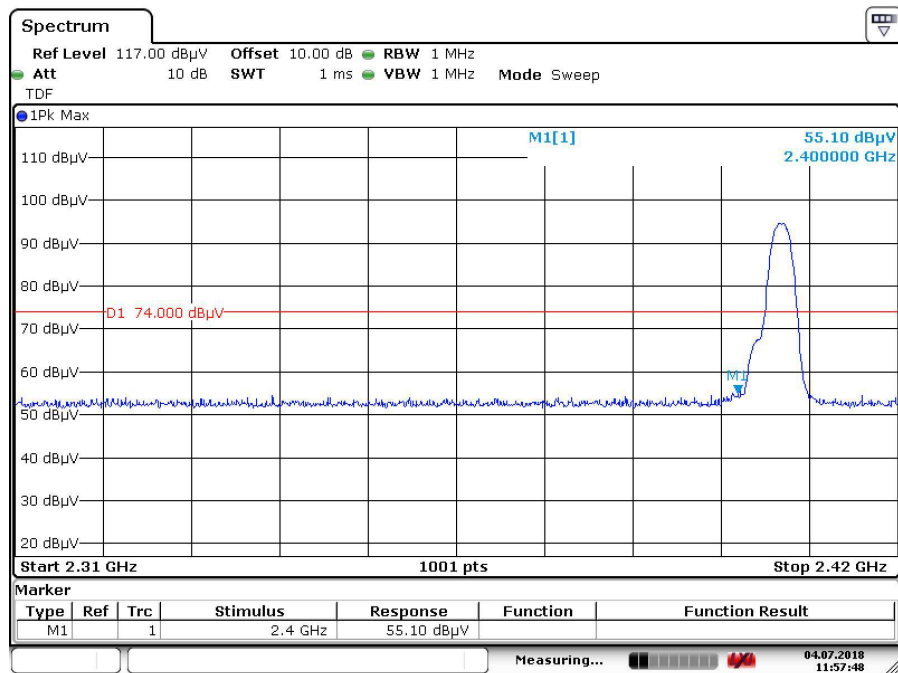




## Low Channel (Ver)



Date: 4.JUL.2018 11:56:32

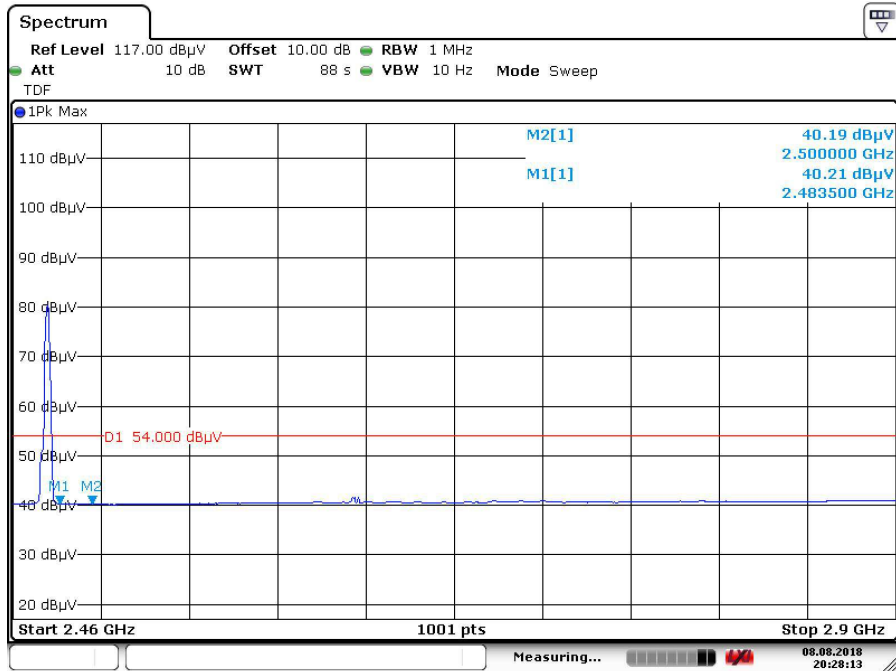


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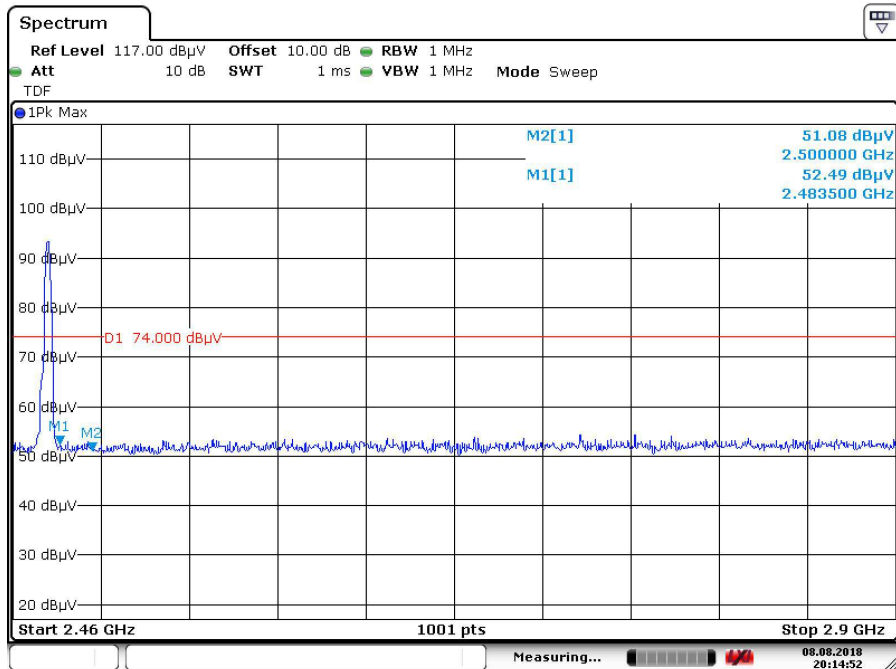
## Radiated Emissions, Fundamental and Band Edges

# Radiated Bandedge

## High Channel (Hor)

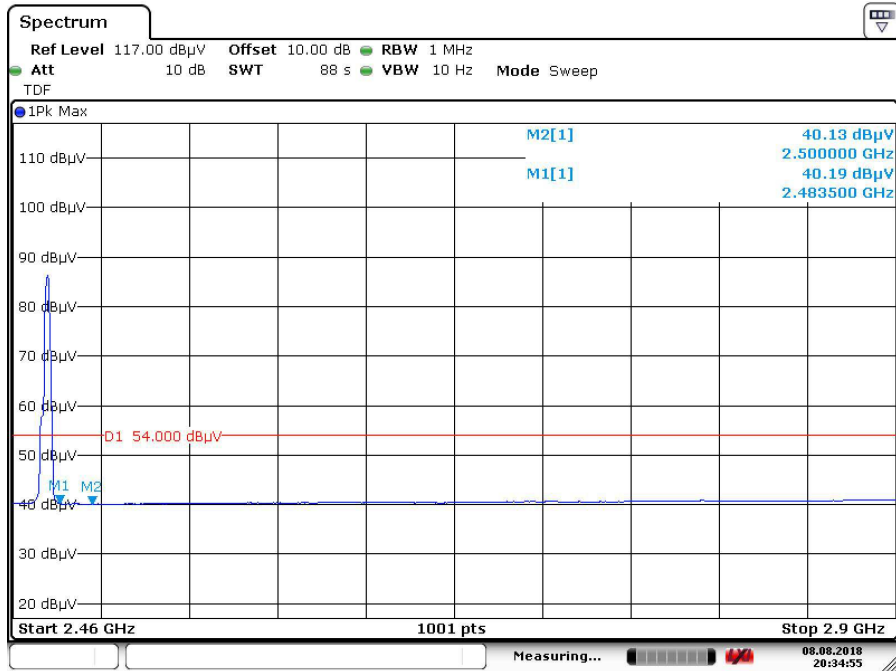


Date: 8.AUG.2018 20:28:13

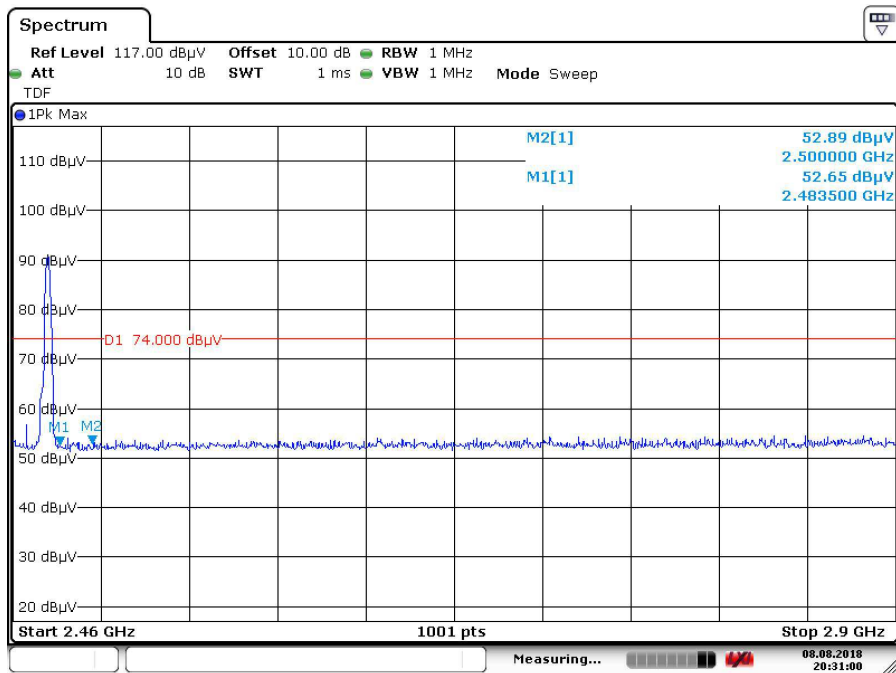


Date: 8.AUG.2018 20:14:52

# High Channel (Ver)



Date: 8.AUG.2018 20:34:55



Date: 8.AUG.2018 20:31:00

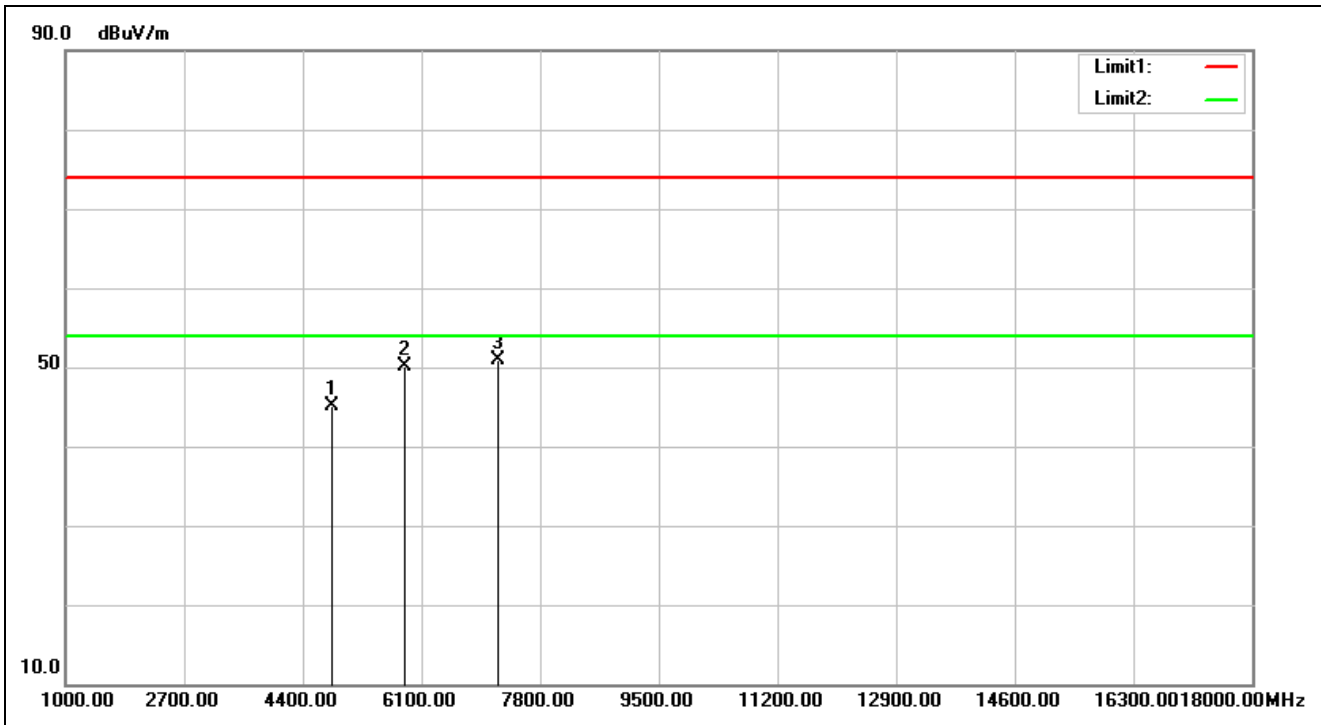
# Spurious Emissions, TX Mode, 1-18G



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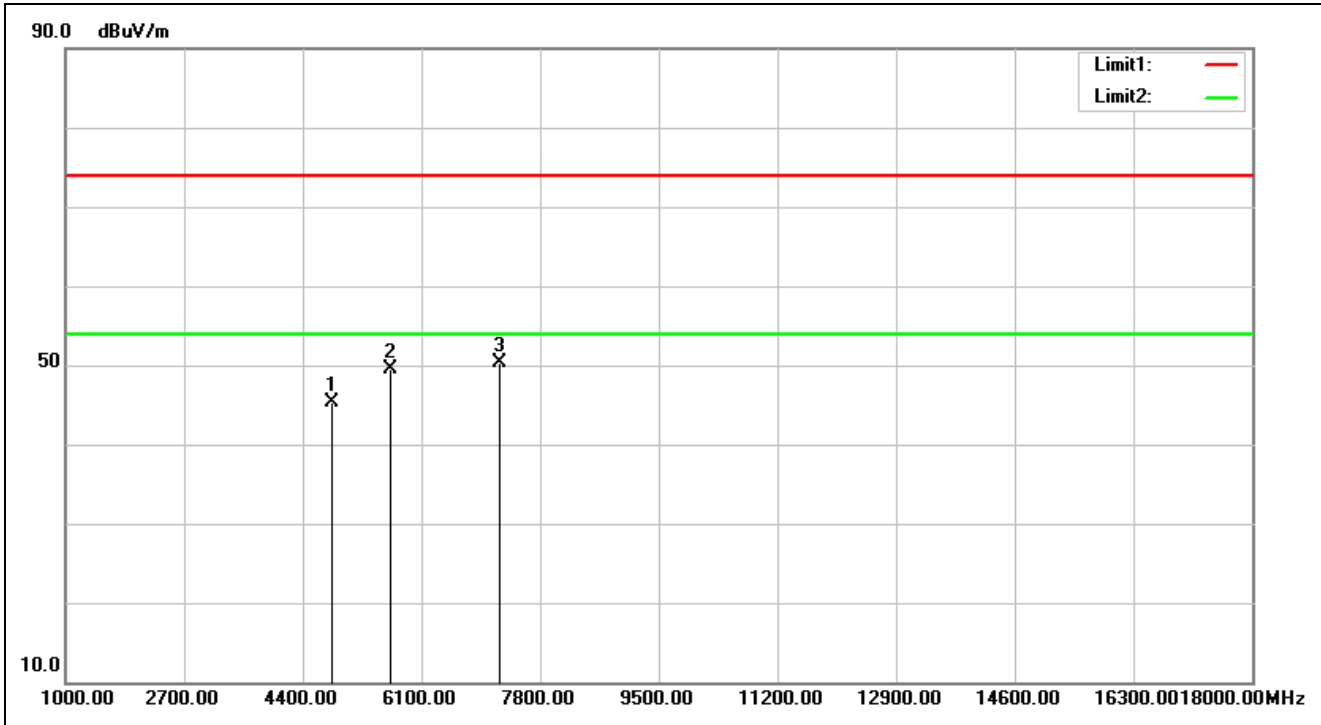
**11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105**

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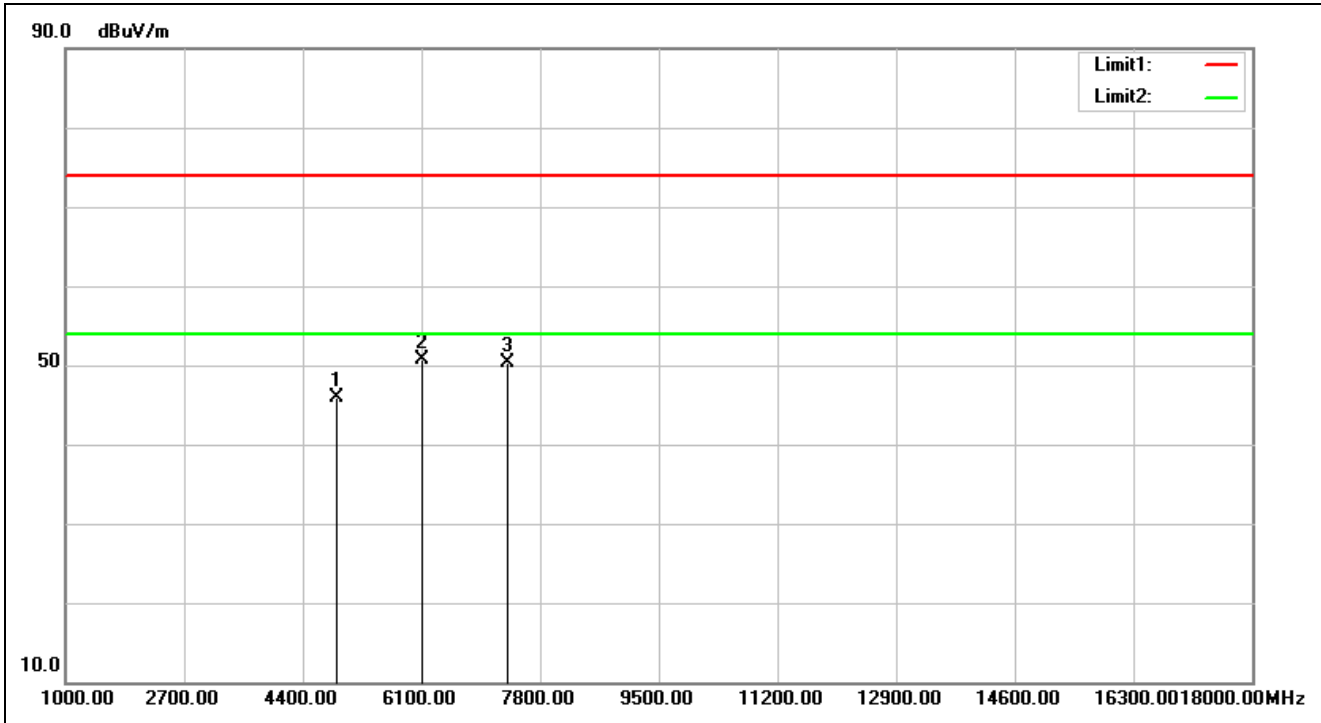
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 13:18:47</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.40535G-TX</b>		
<b>Remark:</b>	<b>setting:0x15</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4810.700	-2.55	47.64	45.09	74.00	-28.91	peak	100	287	
2	5862.000	2.55	47.59	50.14	74.00	-23.86	peak	100	196	
3	7216.050	5.37	45.46	50.83	74.00	-23.17	peak	100	125	



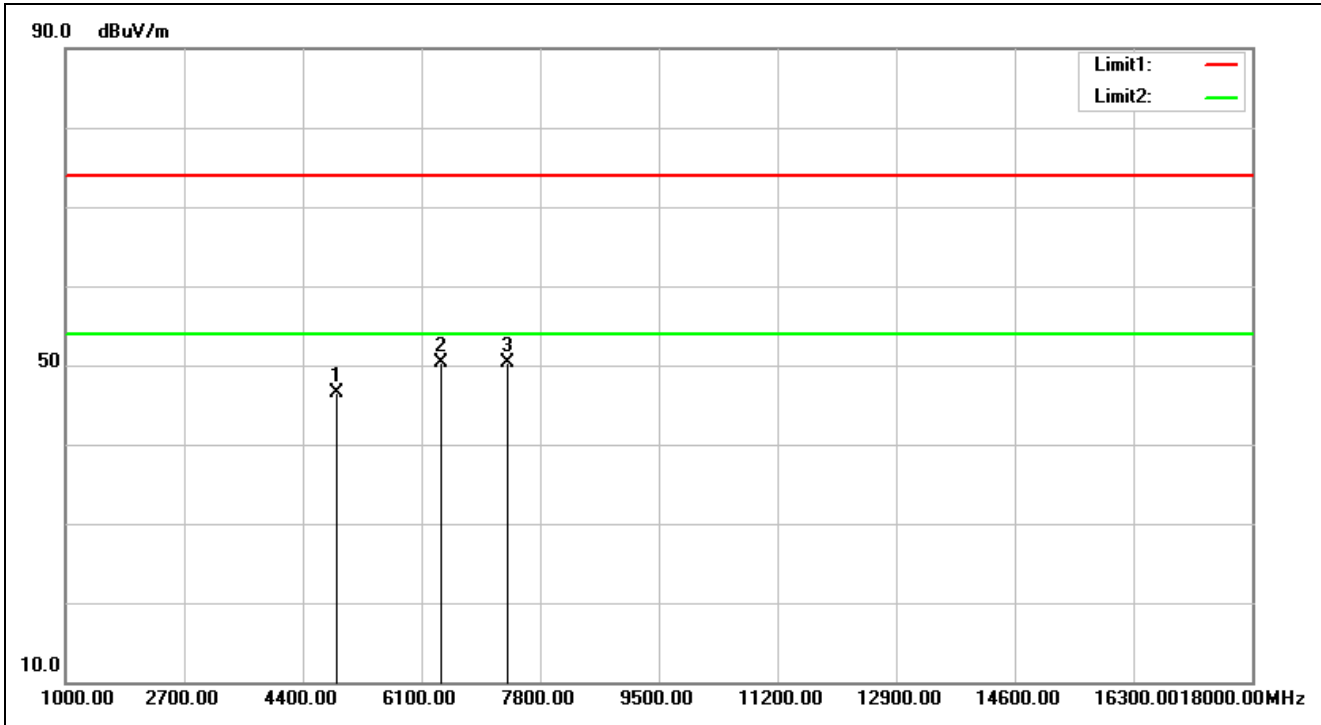
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 13:19:50</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.40535G-TX</b>		
<b>Remark:</b>	<b>setting:0x15</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4810.700	-2.55	47.81	45.26	74.00	-28.74	peak	100	188	
2	5658.000	1.26	48.15	49.41	74.00	-24.59	peak	100	198	
3	7216.050	5.37	44.89	50.26	74.00	-23.74	peak	100	152	



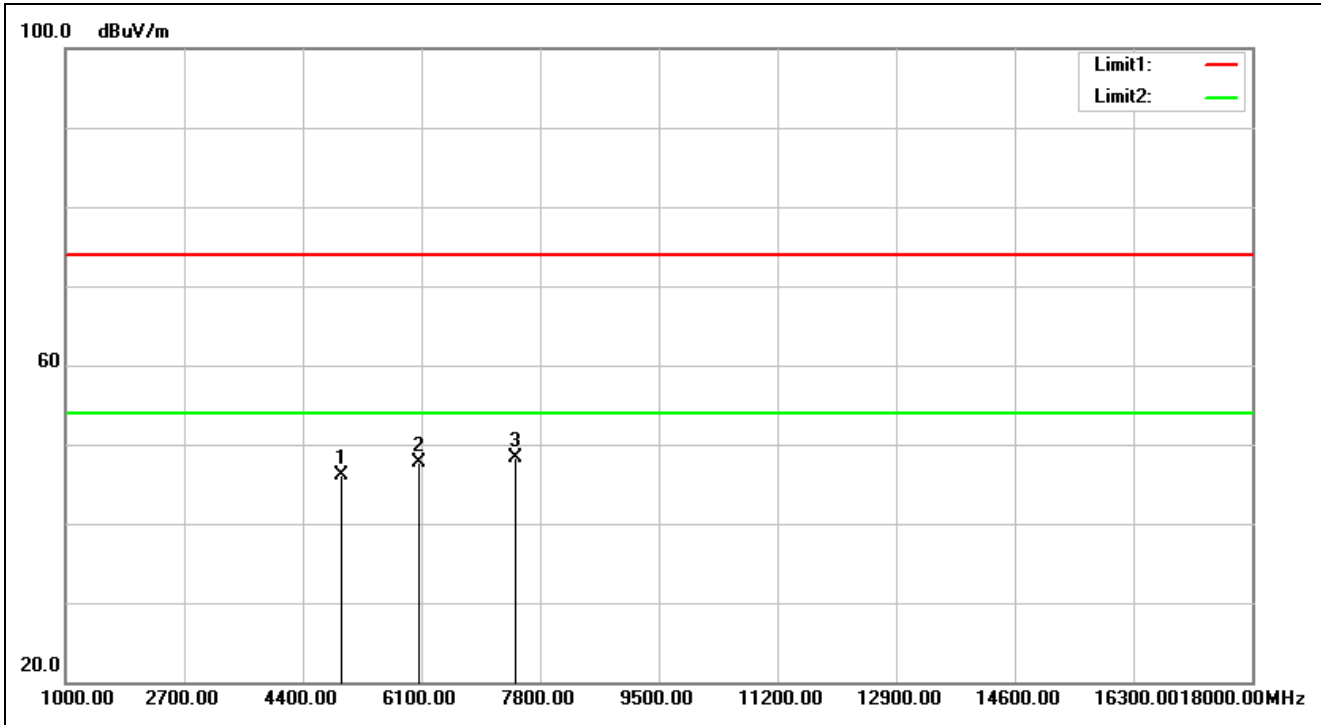
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 13:24:36</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-TX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.700	-2.35	48.22	45.87	74.00	-28.13	peak	100	109	
2	6100.000	3.83	46.84	50.67	74.00	-23.33	peak	100	246	
3	7324.050	5.62	44.77	50.39	74.00	-23.61	peak	100	195	



<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 13:25:39
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44135G-TX		
<b>Remark:</b>	setting:0x14		

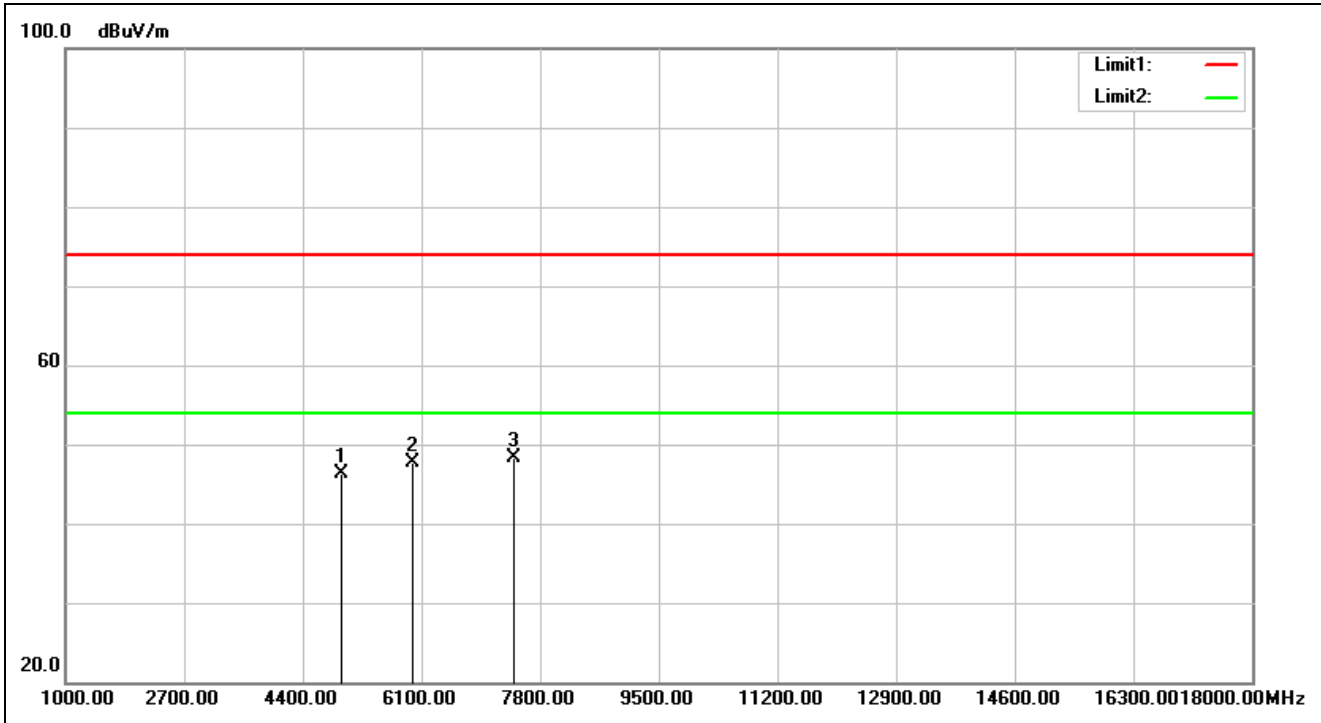
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4882.700	-2.35	48.82	46.47	74.00	-27.53	peak	100	210	
2	6389.000	5.04	45.18	50.22	74.00	-23.78	peak	100	247	
3	7324.050	5.62	44.60	50.22	74.00	-23.78	peak	100	165	



<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/8/8 20:29:28
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	20(°C)/55%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44735-TX		
<b>Remark:</b>	setting:0x12		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4954.000	-3.23	49.32	46.09	74.00	-27.91	peak	100	211	
2	6066.000	2.58	45.22	47.80	74.00	-26.20	peak	100	356	
3	7432.000	4.73	43.59	48.32	74.00	-25.68	peak	100	27	





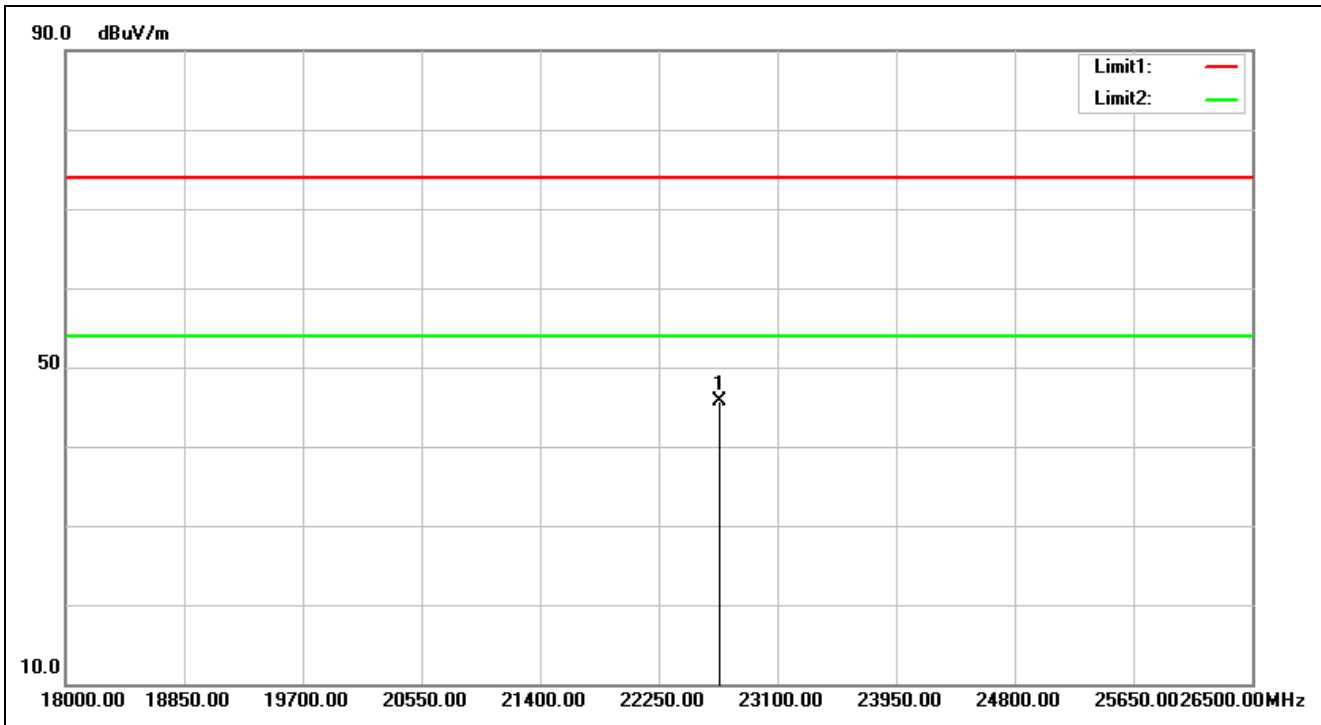
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/8/8 20:30:31</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>20(°C)/55%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44735-TX</b>		
<b>Remark:</b>	<b>setting:0x12</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4954.000	-3.23	49.50	46.27	74.00	-27.73	peak	100	308	
2	5981.000	2.18	45.50	47.68	74.00	-26.32	peak	100	94	
3	7432.000	4.73	43.48	48.21	74.00	-25.79	peak	100	254	

# Spurious Emissions, TX Mode, 18-26G

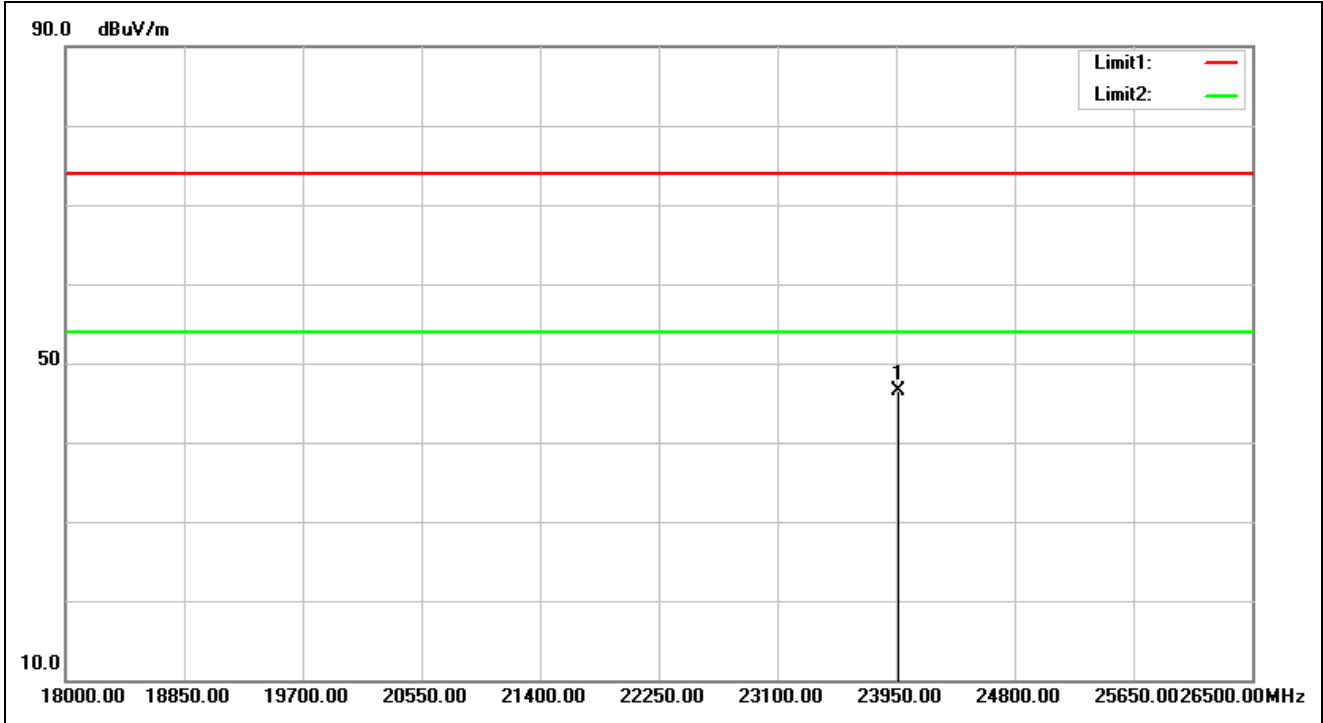


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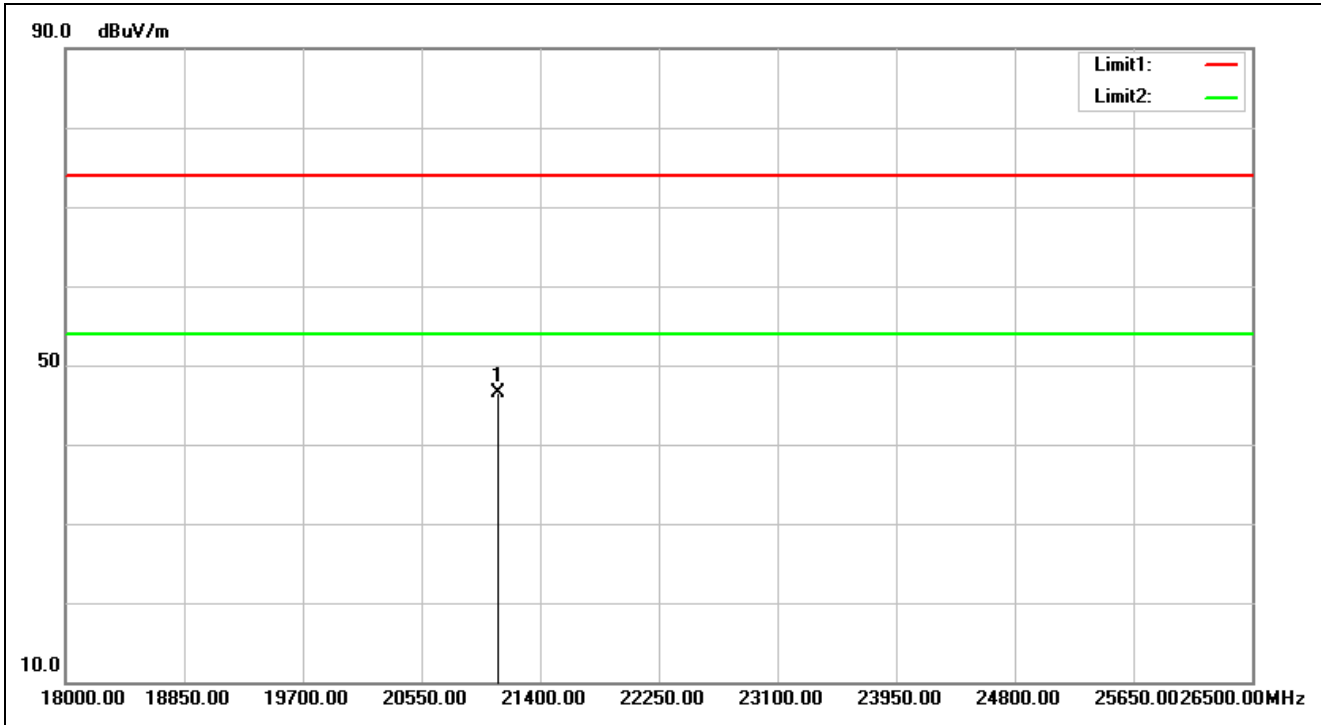
<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 16:05:32
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.40535G-TX		
<b>Remark:</b>	setting:0x15		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22683.500	4.68	41.12	45.80	74.00	-28.20	peak	100	244	



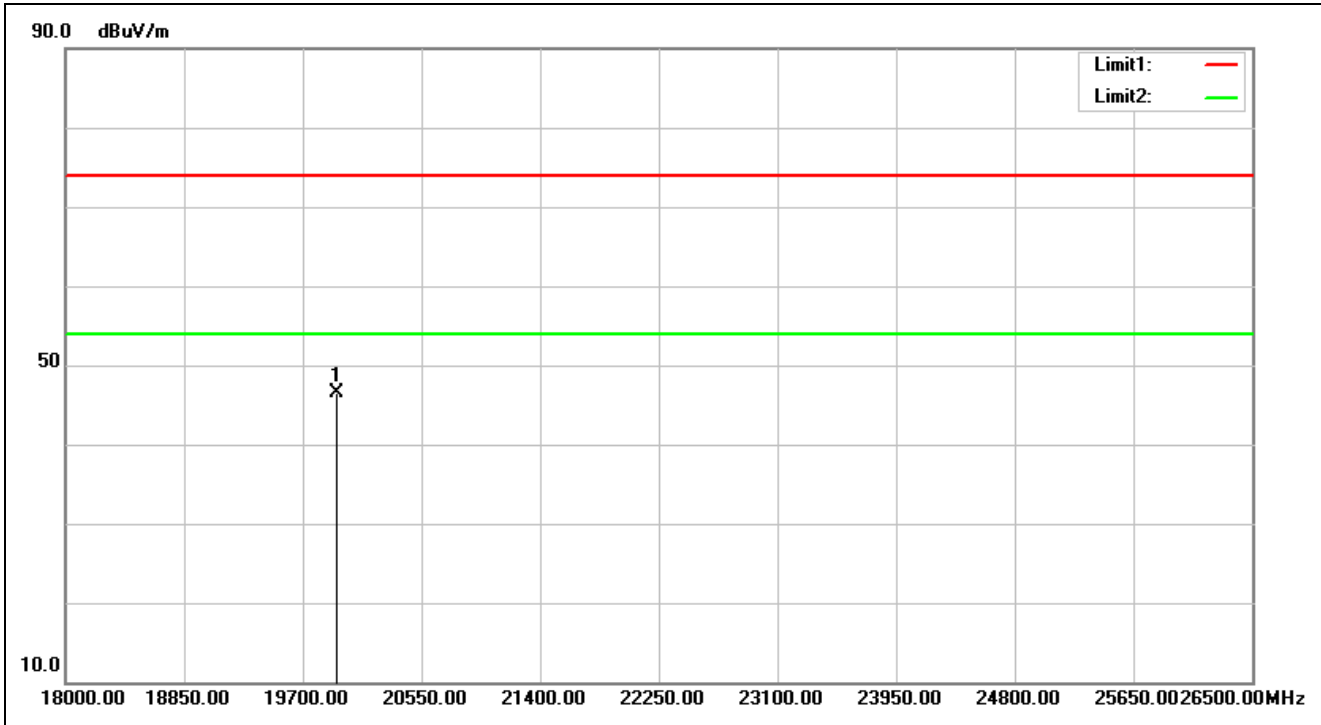
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 16:05:51</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.40535G-TX</b>		
<b>Remark:</b>	<b>setting:0x15</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	23967.000	5.30	41.28	46.58	74.00	-27.42	peak	100	194	



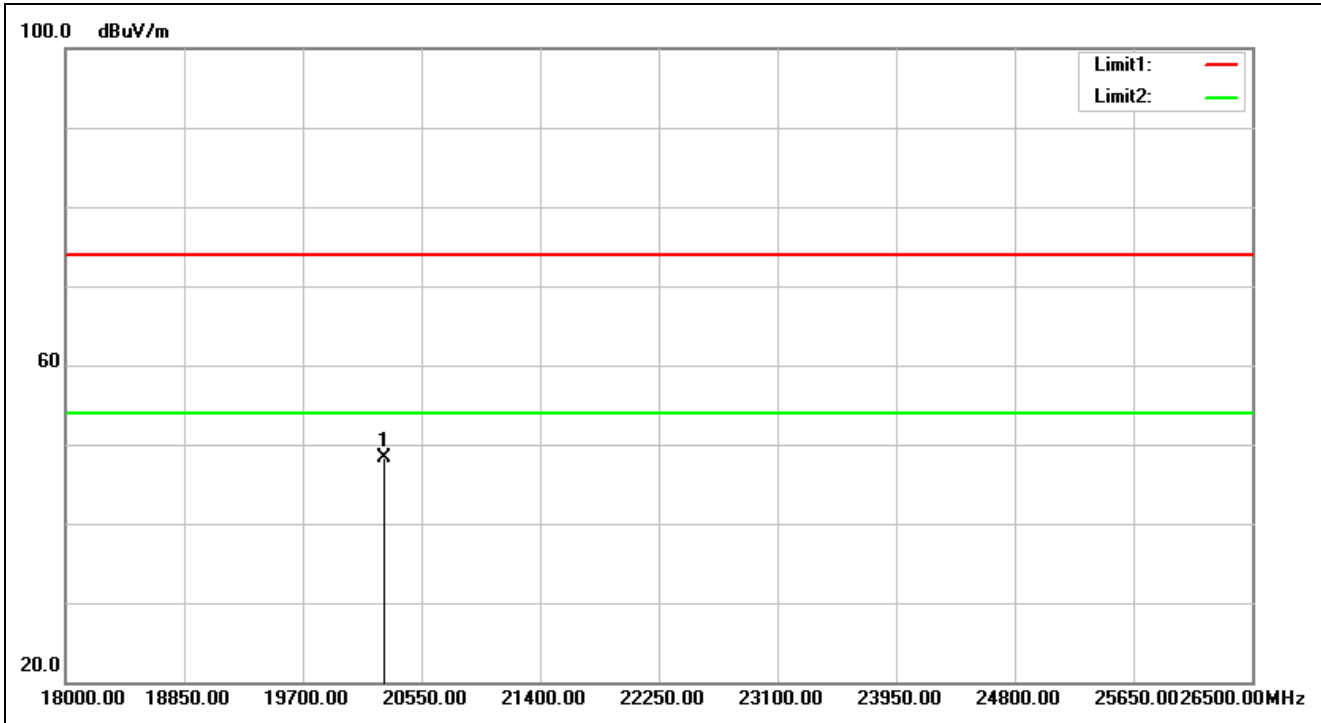
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Horizontal</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 16:06:16</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-TX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	21094.000	4.52	41.92	46.44	74.00	-27.56	peak	100	174	



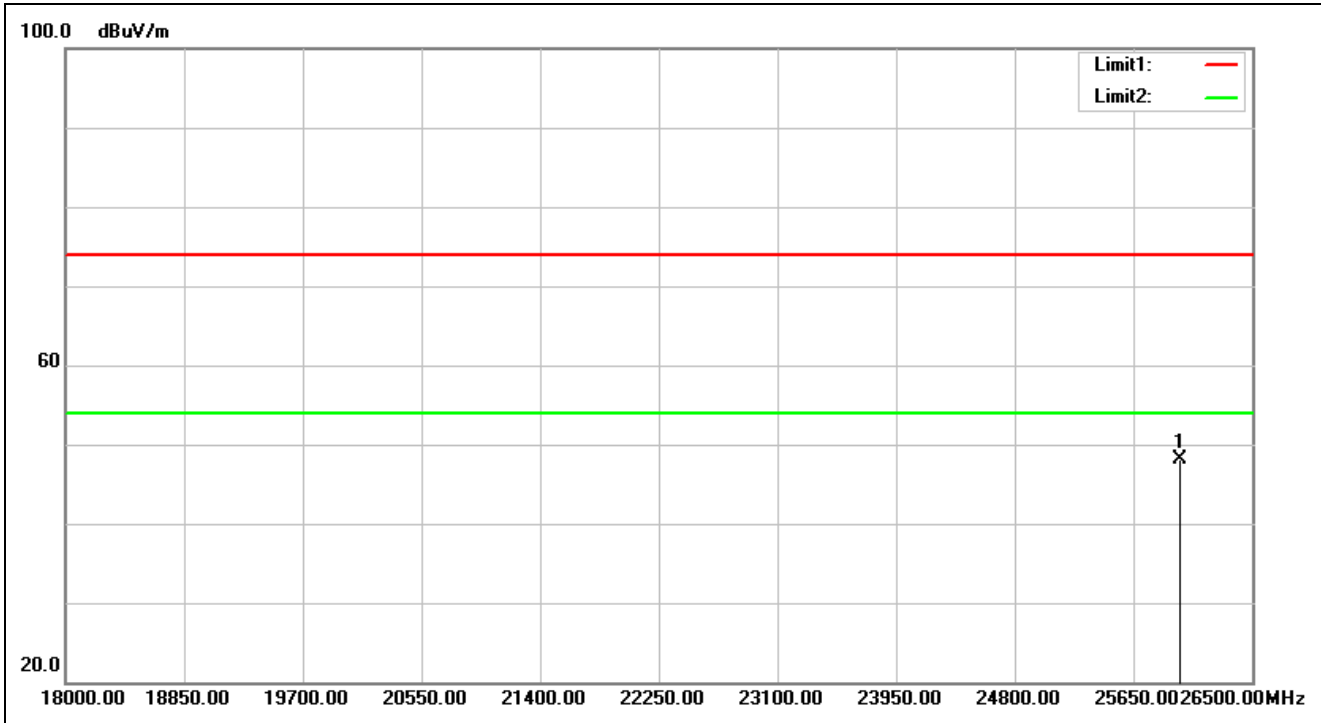
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 16:06:29</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-TX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19946.500	4.00	42.54	46.54	74.00	-27.46	peak	100	192	



<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/8/8 21:33:46
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	20(°C)/55%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44735-TX		
<b>Remark:</b>	setting:0x08		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20278.000	4.22	44.09	48.31	74.00	-25.69	peak	100	0	



<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Vertical
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/8/8 21:34:49
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	20(°C)/55%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44735-TX		
<b>Remark:</b>	setting:0x08		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	25981.500	5.77	42.42	48.19	74.00	-25.81	peak	100	285	

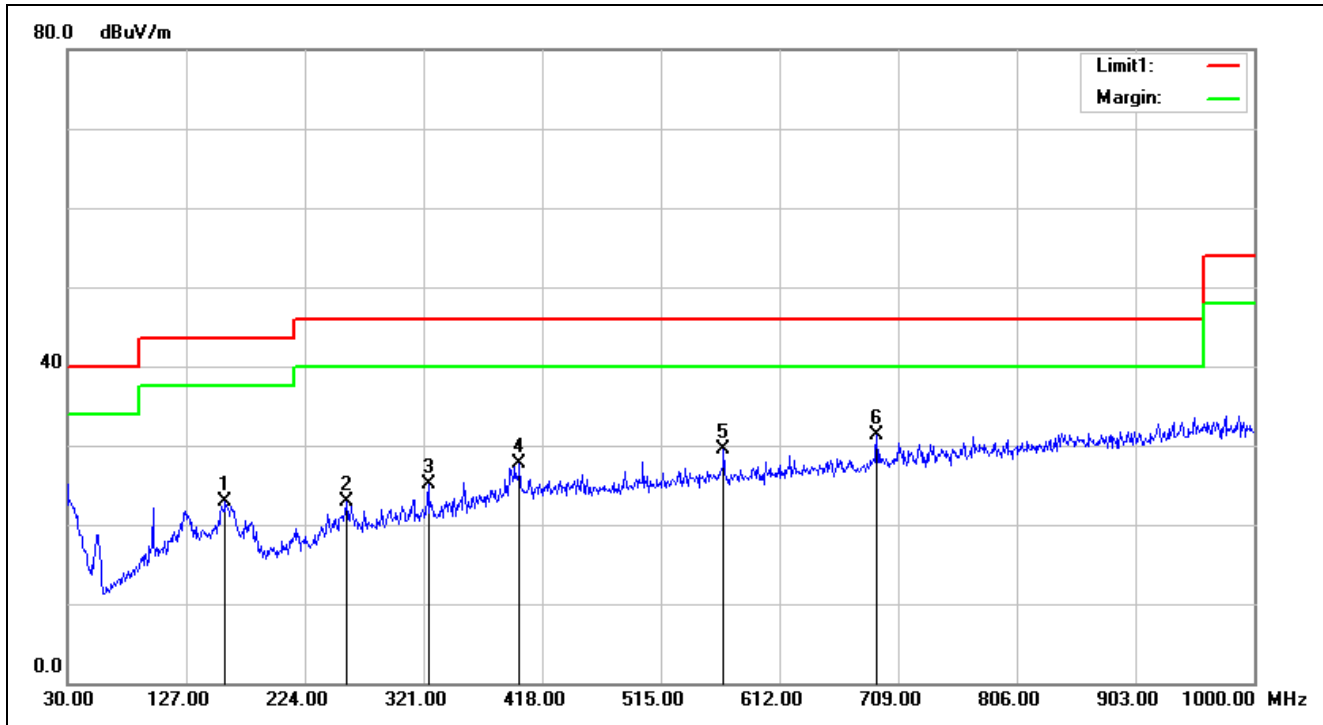
# Spurious Emissions, TX Mode, 30M-1G



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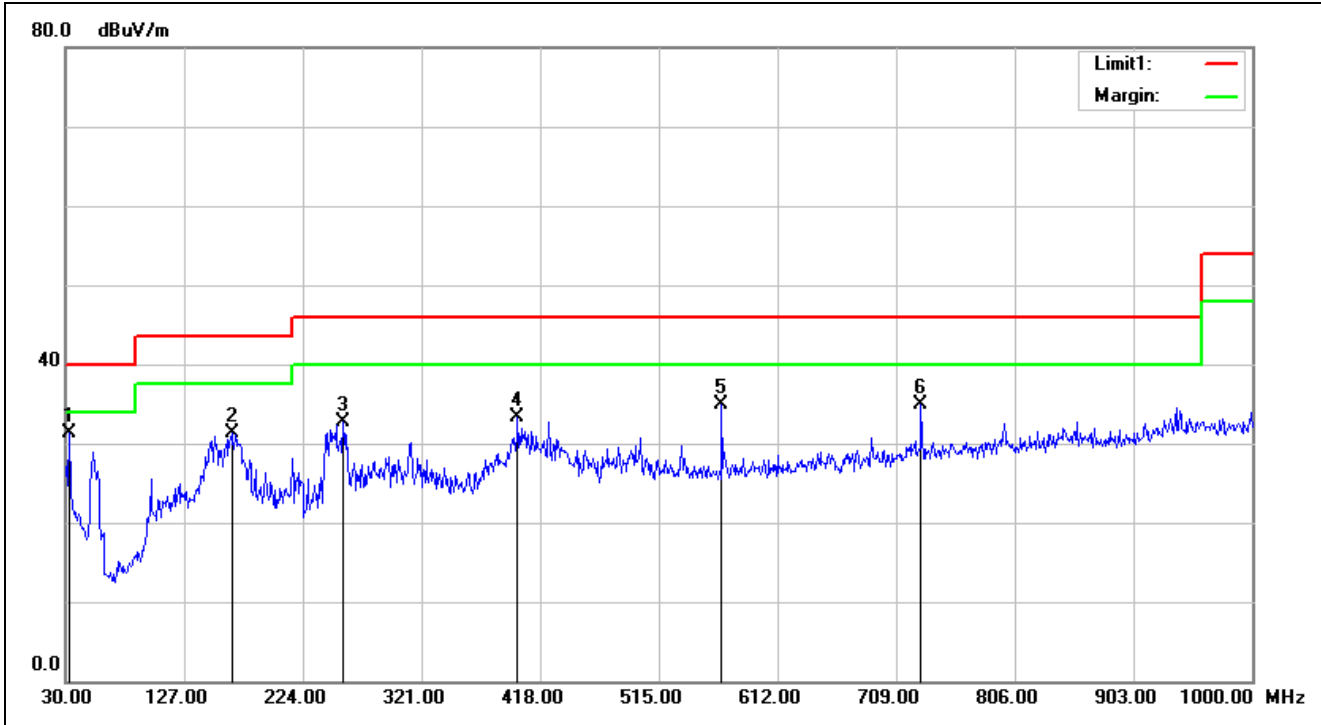


<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 14:56:46
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44135G-TX		
<b>Remark:</b>	setting:0x14		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	159.0099	-7.93	30.90	22.97	43.50	-20.53	QP	100	130	
2	257.9499	-5.01	27.89	22.88	46.00	-23.12	QP	100	208	
3	324.8798	-3.84	29.03	25.19	46.00	-20.81	QP	100	147	
4	399.5699	-2.31	30.10	27.79	46.00	-18.21	QP	100	202	
5	566.4099	-0.14	29.70	29.56	46.00	-16.44	QP	100	158	
6	691.5399	1.30	30.04	31.34	46.00	-14.66	QP	100	128	

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





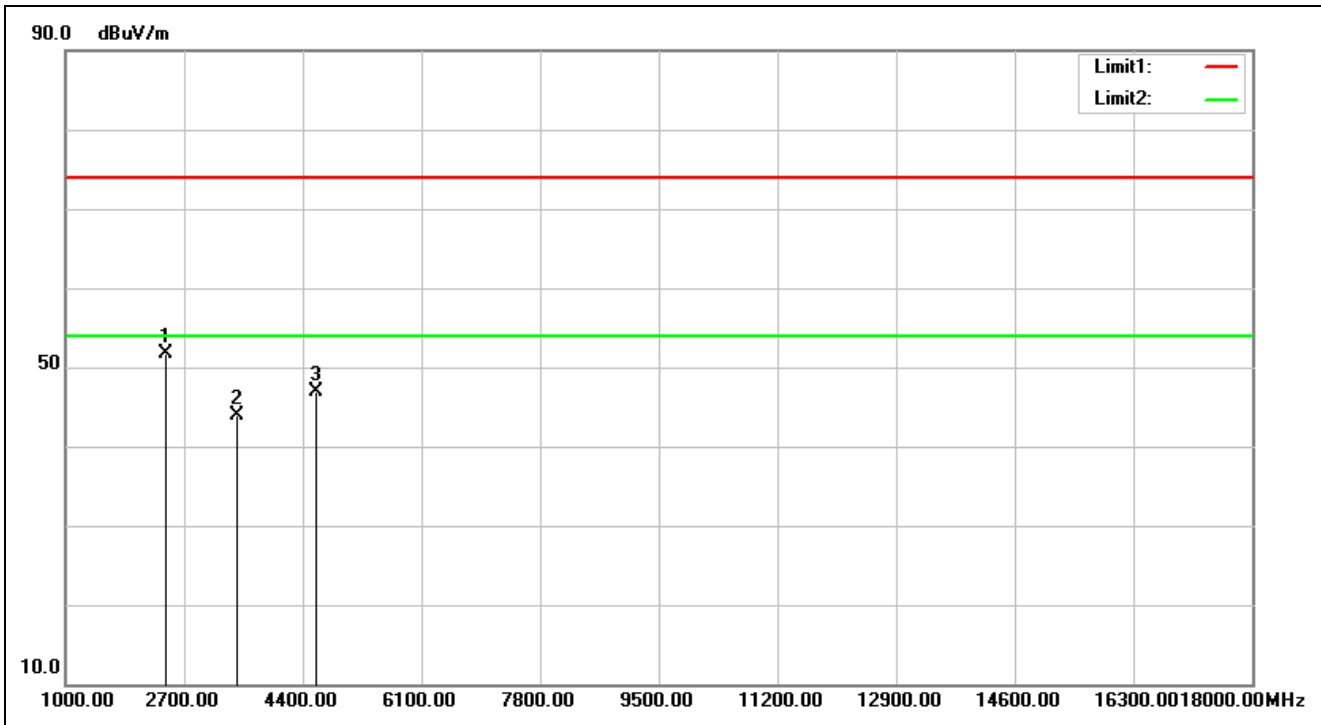
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Class B 3M Radiation</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 14:57:50</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135-TX</b>		
<b>Remark:</b>	<b>setting:0x14</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	-1.89	33.13	31.24	40.00	-8.76	QP	100	165	
2	165.8000	-8.54	39.77	31.23	43.50	-12.27	QP	100	248	
3	256.9800	-5.09	37.72	32.63	46.00	-13.37	QP	100	1	
4	399.5700	-2.31	35.56	33.25	46.00	-12.75	QP	100	179	
5	566.4099	-0.14	35.04	34.90	46.00	-11.10	QP	100	147	
6	729.3700	2.09	32.72	34.81	46.00	-11.19	QP	100	293	

# Spurious Emissions, RX Mode, 1-18G

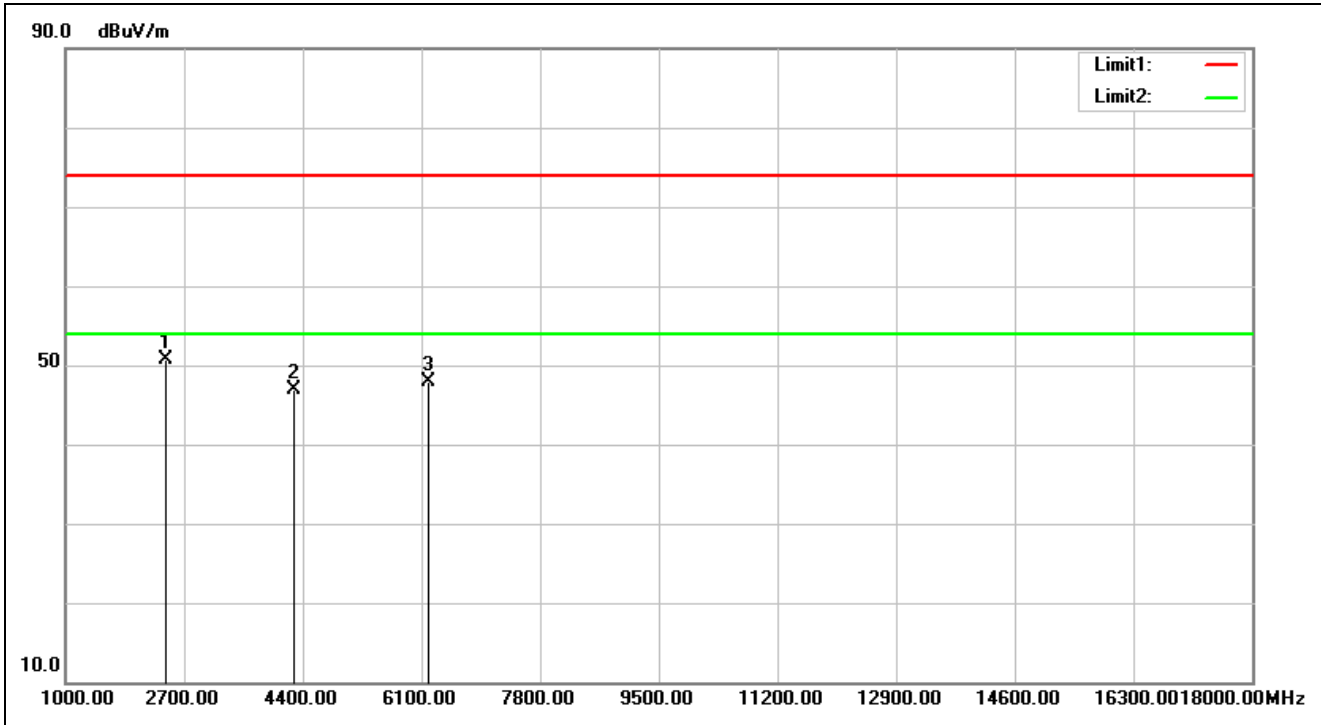


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<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 13:43:53
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44135G-RX		
<b>Remark:</b>	setting:0x14		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2445.000	-7.89	59.60	51.71	74.00	-22.29	peak	100	121	
2	3465.000	-6.70	50.55	43.85	74.00	-30.15	peak	100	215	
3	4587.000	-3.72	50.65	46.93	74.00	-27.07	peak	100	196	



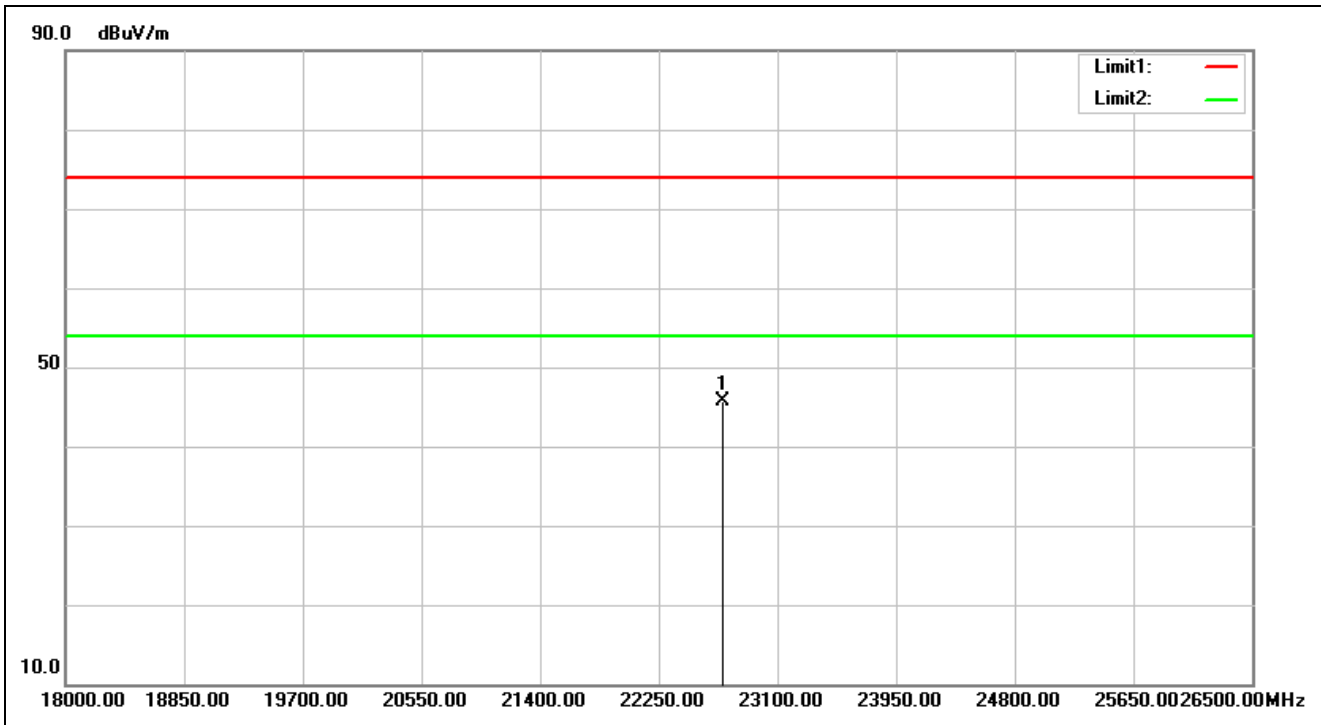
<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 13:44:55</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-RX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	2445.000	-7.89	58.51	50.62	74.00	-23.38	peak	100	10	
2	4264.000	-4.68	51.52	46.84	74.00	-27.16	peak	100	103	
3	6202.000	3.22	44.71	47.93	74.00	-26.07	peak	100	59	

# Spurious Emissions, RX Mode, 18-26G

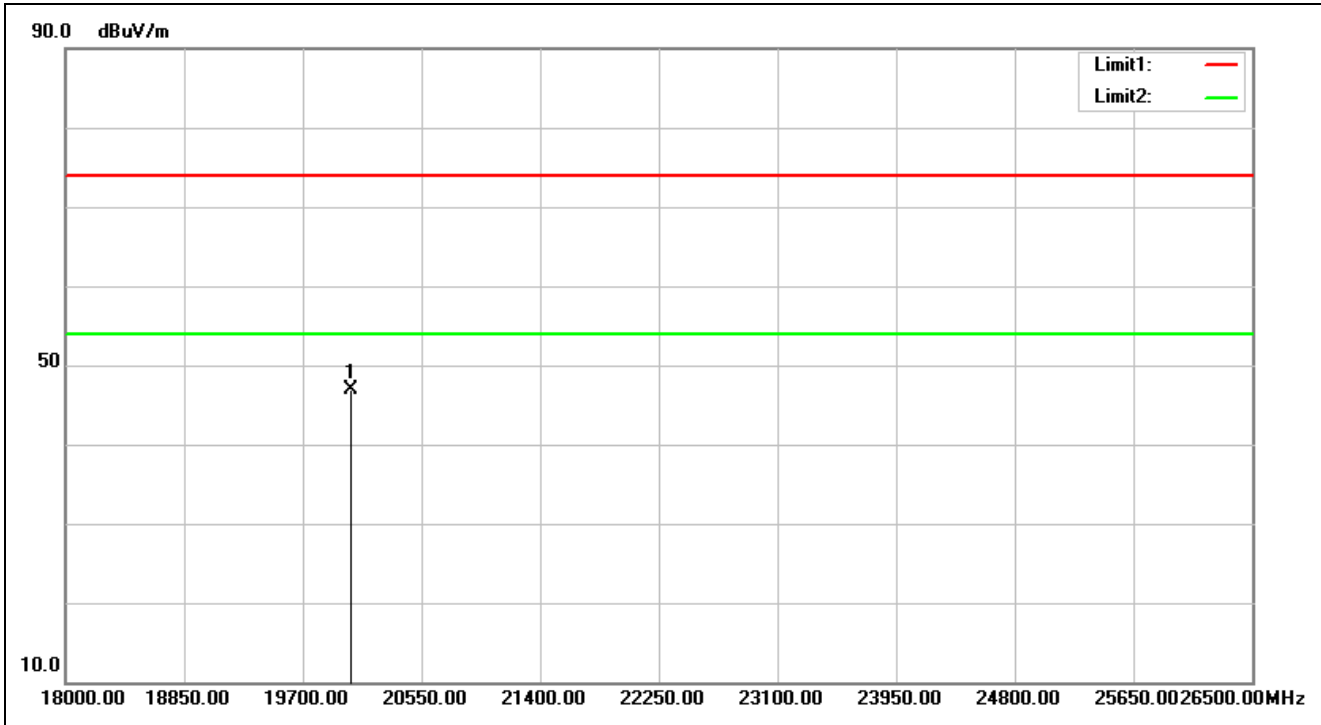


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<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Above 1G PEAK	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 16:07:31
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44135G-RX		
<b>Remark:</b>	setting:0x14		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22709.000	4.71	40.92	45.63	74.00	-28.37	peak	100	178	



<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC Above 1G PEAK</b>	<b>Ant. Polarization:</b>	<b>Vertical</b>
<b>Test item:</b>	<b>Radiation Emission</b>	<b>Test Time:</b>	<b>2018/7/4 16:07:45</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-RX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20048.500	4.04	42.91	46.95	74.00	-27.05	peak	100	169	

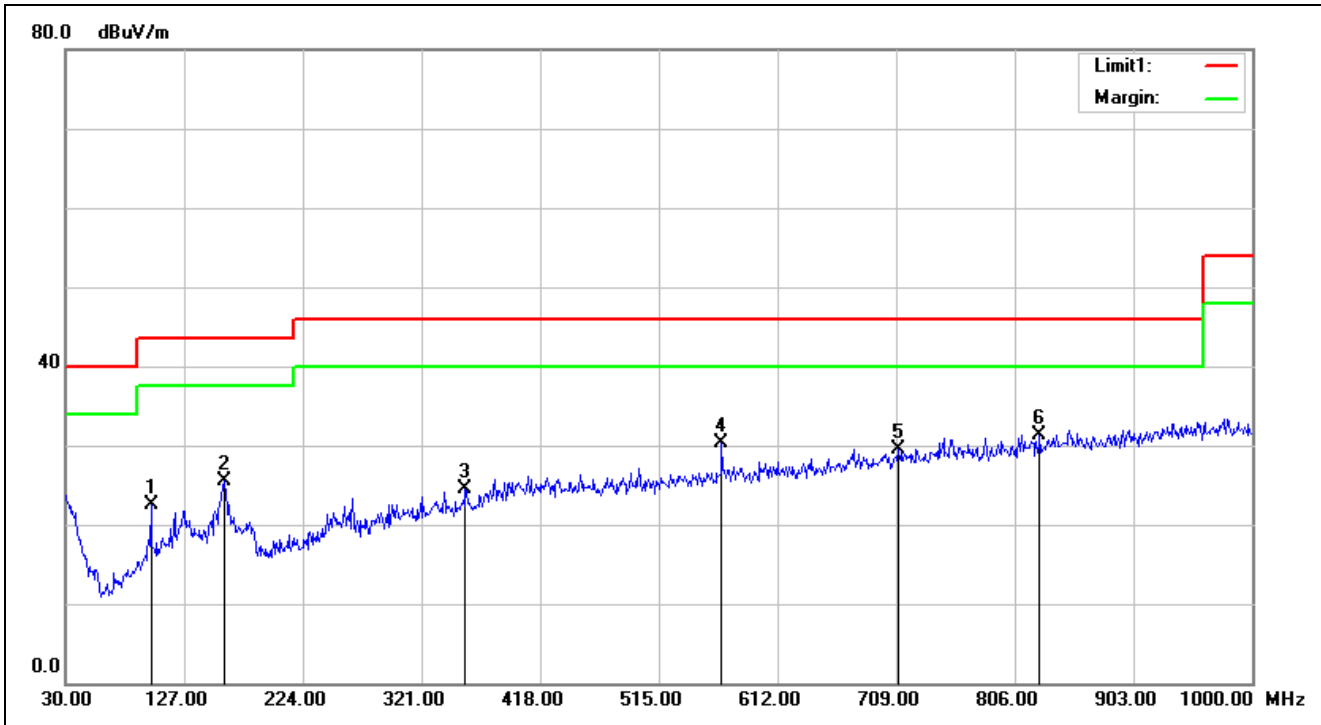
# Spurious Emissions, RX Mode, 30M-1G



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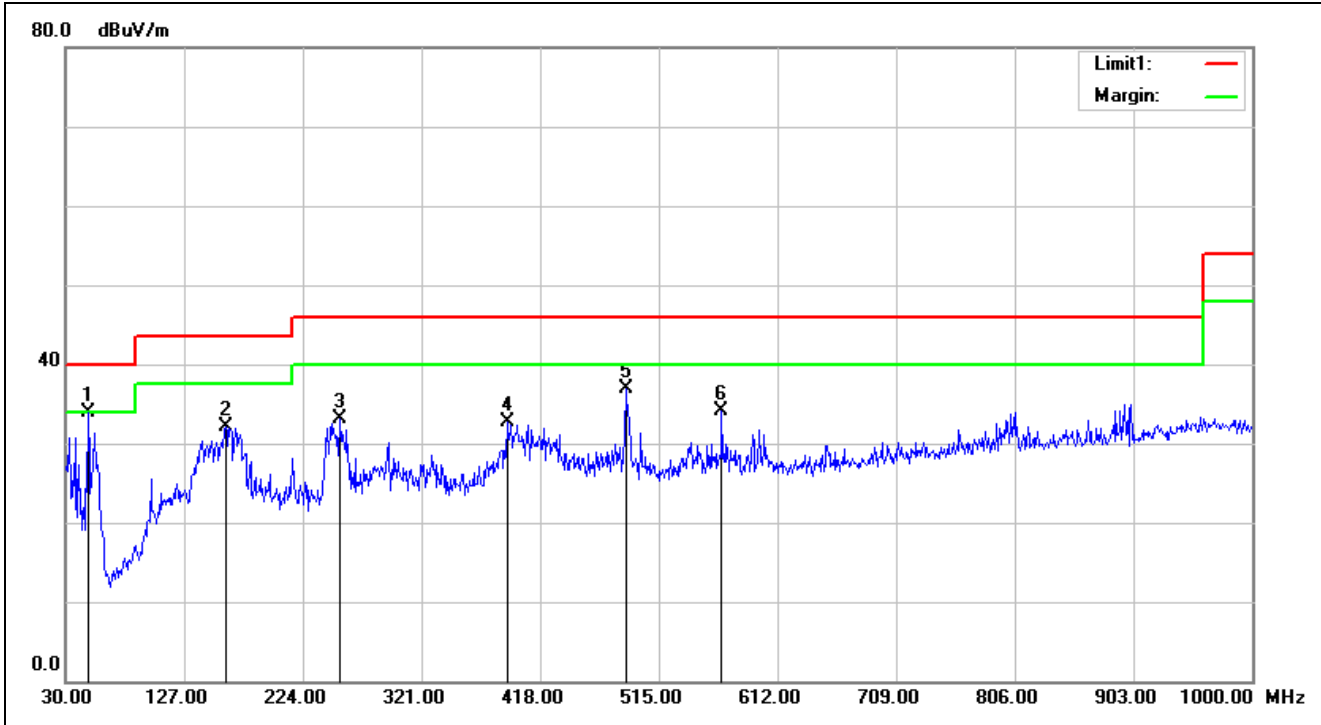
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<b>Service No.:</b>	114078980(HX-HSCSW,HXS-HSWA)	<b>Test Distance:</b>	3m
<b>Test Standard:</b>	NCC Class B 3M Radiation	<b>Ant. Polarization:</b>	Horizontal
<b>Test item:</b>	Radiation Emission	<b>Test Time:</b>	2018/7/4 14:59:58
<b>Applicant:</b>	Kingston	<b>Test Rating:</b>	DC 5V
<b>Product:</b>	HyperX Cloud Stinger Wireless	<b>Temp.(°C)/Hum.(%):</b>	24(°C)/51%
<b>Model No.:</b>	HX-HSCSW(Headset)	<b>Test Engineer:</b>	Amy Hsu
<b>Test Mode:</b>	2.44135G-RX		
<b>Remark:</b>	setting:0x14		

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	99.8399	-9.45	31.91	22.46	43.50	-21.04	QP	100	138	
2	159.9798	-7.99	33.51	25.52	43.50	-17.98	QP	100	199	
3	356.8899	-3.09	27.52	24.43	46.00	-21.57	QP	100	200	
4	566.4099	-0.14	30.41	30.27	46.00	-15.73	QP	100	249	
5	710.9400	1.68	27.89	29.57	46.00	-16.43	QP	100	185	
6	826.3700	3.46	27.84	31.30	46.00	-14.70	QP	100	164	



<b>Service No.:</b>	<b>114078980(HX-HSCSW,HXS-HSWA)</b>	<b>Test Distance:</b>	<b>3m</b>
<b>Test Standard:</b>	<b>NCC 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>2018/7/4 15:01:02</b>
<b>Applicant:</b>	<b>Kingston</b>	<b>Test Rating:</b>	<b>DC 5V</b>
<b>Product:</b>	<b>HyperX Cloud Stinger Wireless</b>	<b>Temp.(°C)/Hum.(%):</b>	<b>24(°C)/51%</b>
<b>Model No.:</b>	<b>HX-HSCSW(Headset)</b>	<b>Test Engineer:</b>	<b>Amy Hsu</b>
<b>Test Mode:</b>	<b>2.44135G-RX</b>		
<b>Remark:</b>	<b>setting:0x14</b>		

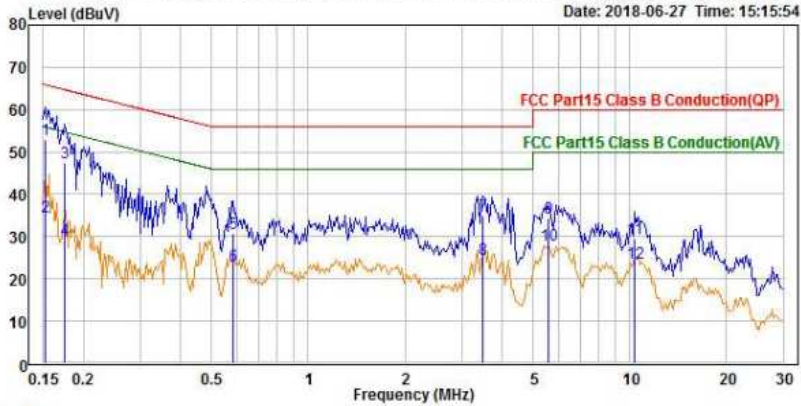
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	48.4300	-10.52	44.41	33.89	40.00	-6.11	QP	100	226	
2	160.9500	-8.09	40.11	32.02	43.50	-11.48	QP	100	259	
3	254.0700	-5.34	38.47	33.13	46.00	-12.87	QP	100	179	
4	390.8400	-2.47	35.23	32.76	46.00	-13.24	QP	100	13	
5	487.8400	-1.21	38.11	36.90	46.00	-9.10	QP	100	56	
6	566.4099	-0.14	34.30	34.16	46.00	-11.84	QP	100	157	

# Mains Spurious Emissions





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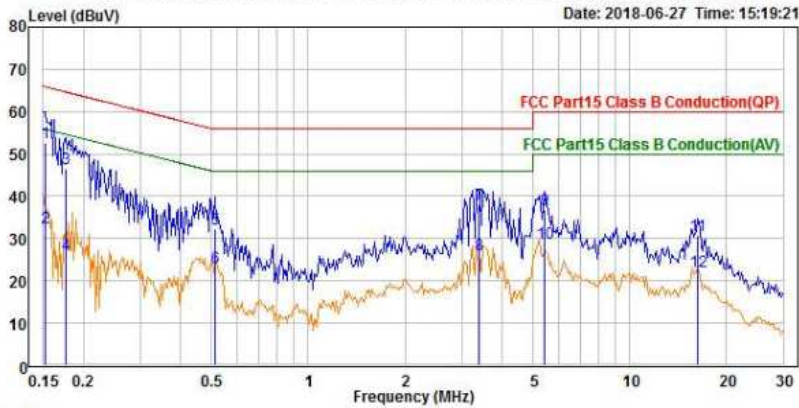


Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) line1  
 Test Engineer: Wade Cheng  
 Applicant : Kingston  
 Product : Headset  
 Model No. : HX-HSCSW  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 21.4°C/38%  
 Memo : Charge mode

	Read	Read	Limit	Over		
Freq	Level	Factor	Level	Line	Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.151	43.36	9.68	53.04	65.92	-12.88 QP
2	0.151	25.06	9.68	34.74	55.92	-21.18 Average
3	0.174	37.76	9.68	47.44	64.76	-17.32 QP
4	0.174	19.58	9.68	29.26	54.76	-25.50 Average
5	0.586	21.16	9.69	30.85	56.00	-25.15 QP
6	0.586	13.32	9.69	23.01	46.00	-22.99 Average
7	3.504	25.33	9.74	35.07	56.00	-20.93 QP
8	3.504	14.93	9.74	24.67	46.00	-21.33 Average
9	5.591	24.75	9.77	34.52	60.00	-25.48 QP
10	5.591	18.36	9.77	28.13	50.00	-21.87 Average
11	10.356	19.72	9.83	29.55	60.00	-30.45 QP
12	10.356	13.99	9.83	23.82	50.00	-26.18 Average



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Trace: 1  
 Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) neutral  
 Test Engineer: Wade Cheng  
 Applicant : Kingston  
 Product : Headset  
 Model No. : HX-HSCSW  
 Test Rating : 120Vac/60Hz  
 Tmp/Hum : 21.4°C /38%  
 Memo : Charge mode

	Freq	Read		Level	Limit		Over	Remark
		Level	Factor		Line	Limit		
	MHz	dBuV	dB	dBuV	dBuV	dB		
1	0.151	42.84	9.68	52.52	65.92	-13.40	QP	
2	0.151	22.77	9.68	32.45	55.92	-23.47	Average	
3	0.176	37.00	9.68	46.68	64.68	-18.00	QP	
4	0.176	16.57	9.68	26.25	54.68	-28.43	Average	
5	0.515	22.60	9.68	32.28	56.00	-23.72	QP	
6	0.515	13.37	9.68	23.05	46.00	-22.95	Average	
7	3.401	28.23	9.74	37.97	56.00	-18.03	QP	
8	3.401	16.36	9.74	26.10	46.00	-19.90	Average	
9	5.427	27.06	9.77	36.83	60.00	-23.17	QP	
10	5.427	19.14	9.77	28.91	50.00	-21.09	Average	
11	16.198	20.81	9.88	30.69	60.00	-29.31	QP	
12	16.198	12.35	9.88	22.23	50.00	-27.77	Average	