

Test Report No.50169072 001

Appendix D: Radiated and Mains Spurious Emission Data

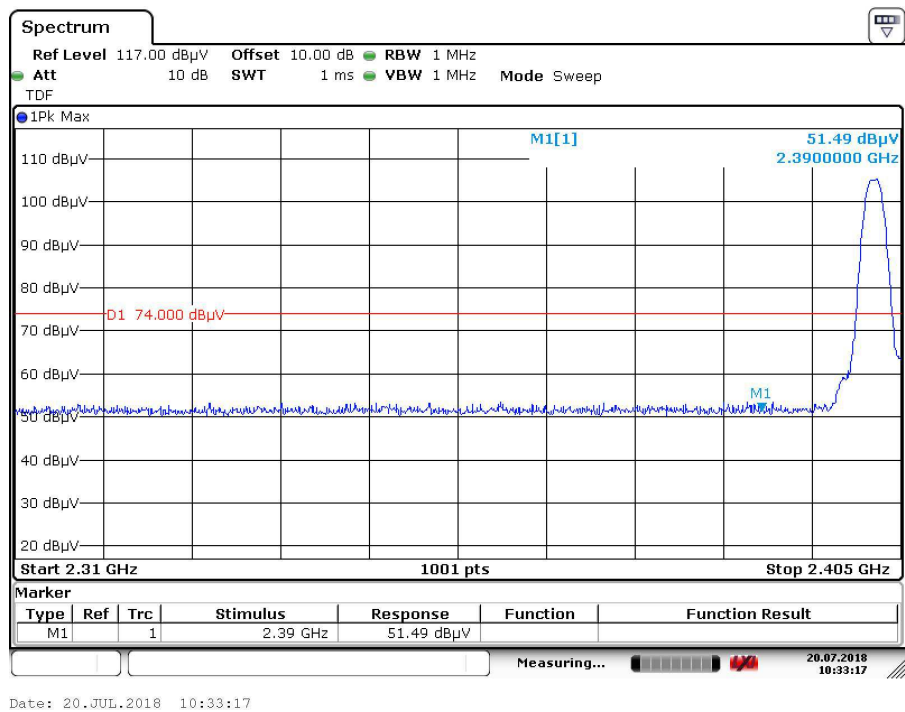
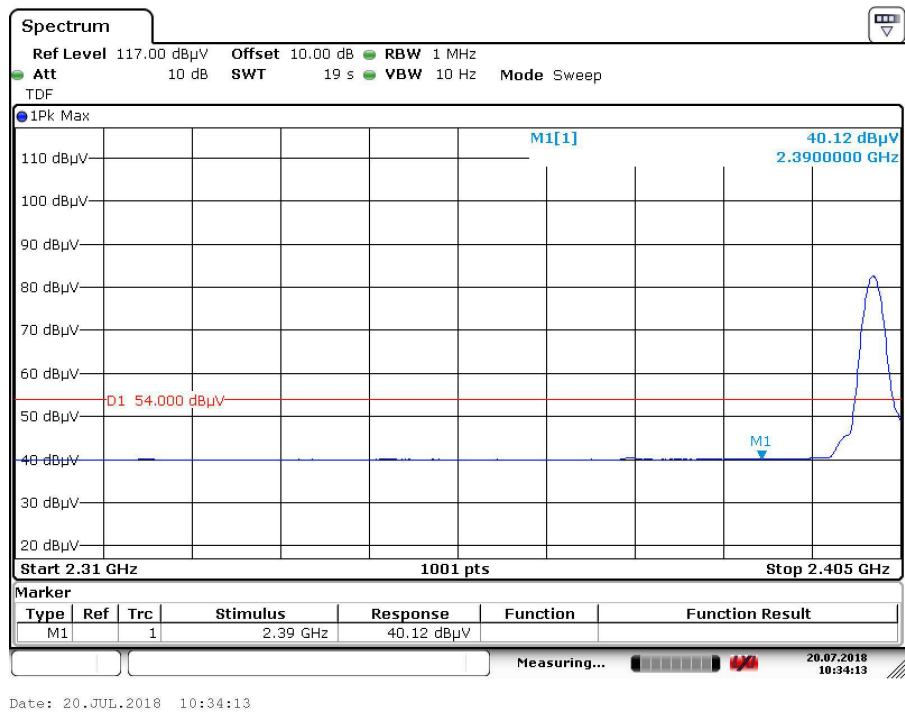
(File: 50169072AppendixD)

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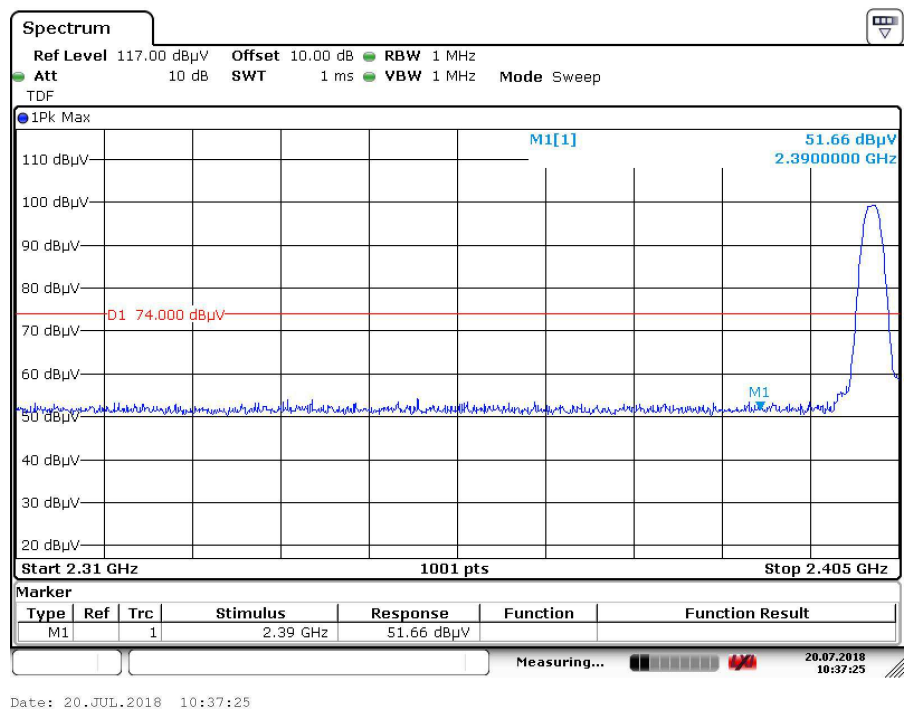
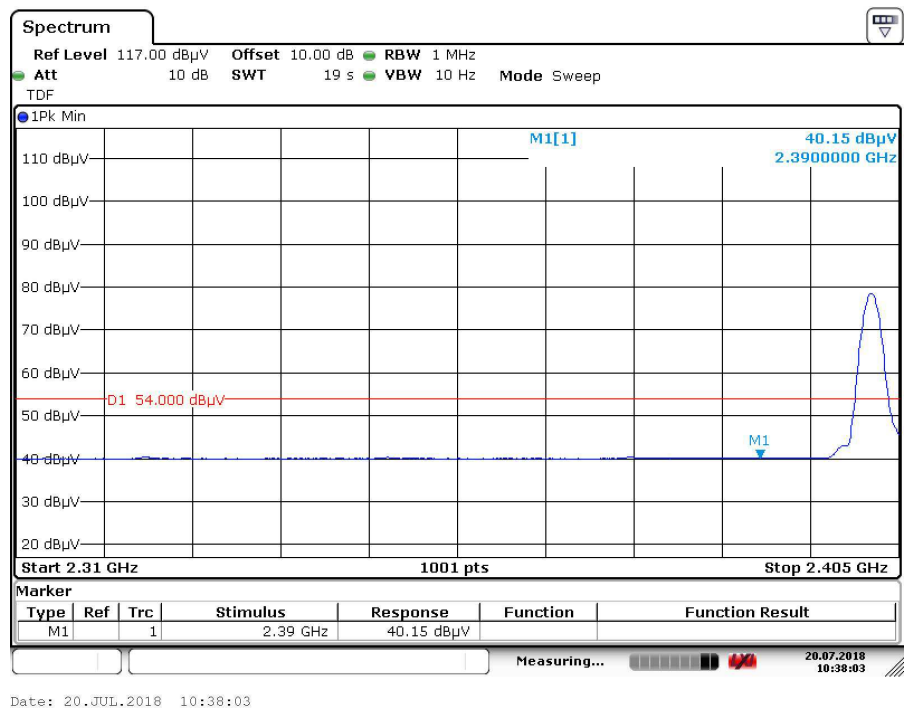
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Radiated Bandedge (GFSK)

Low Channel (Hor)



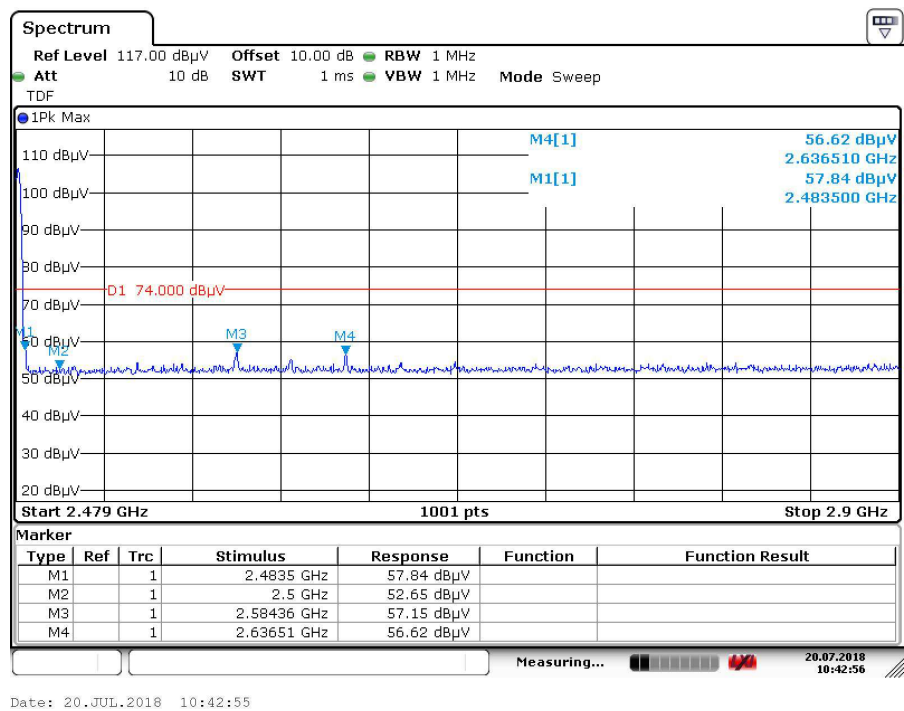
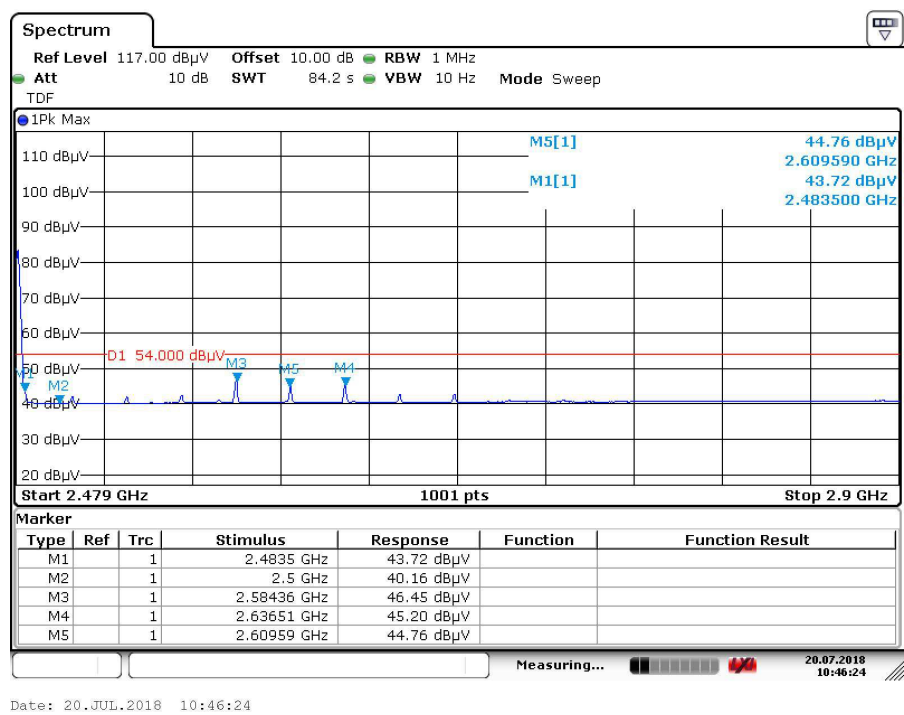
Low Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

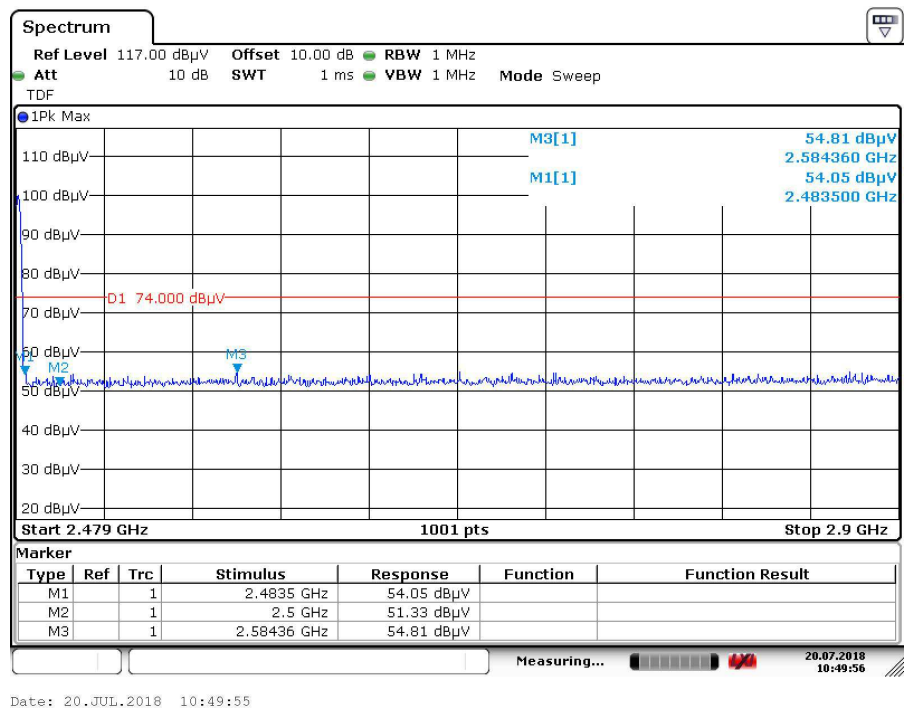
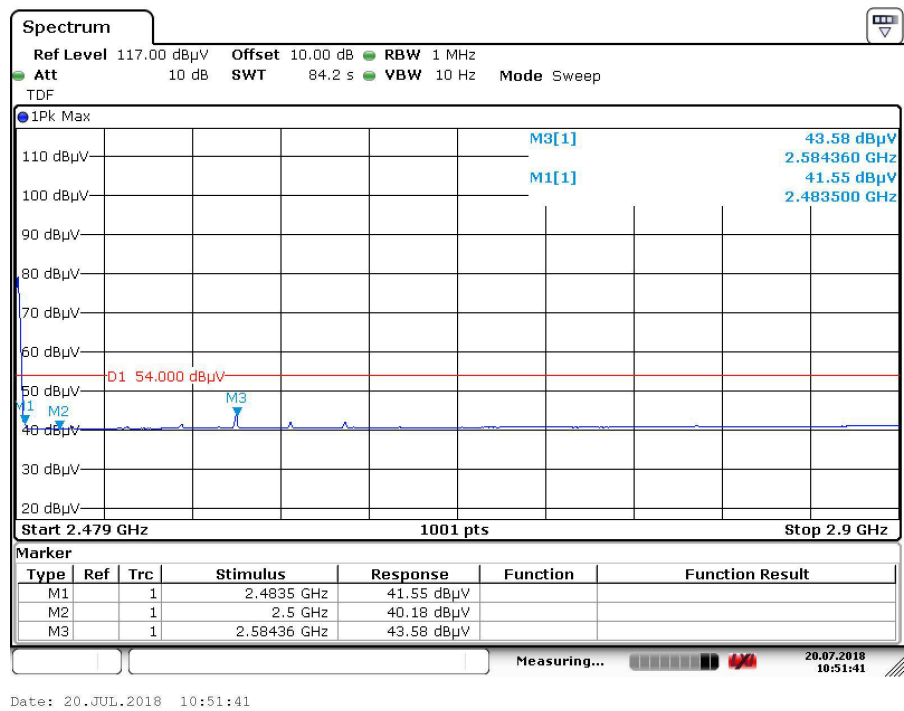
Radiated Bandedge (GFSK)

High Channel (Hor)



Spurious Emissions, Band Edge, 2.35-2.5G

High Channel (Ver)



Spurious Emissions, Band Edge, 2.35-2.5G

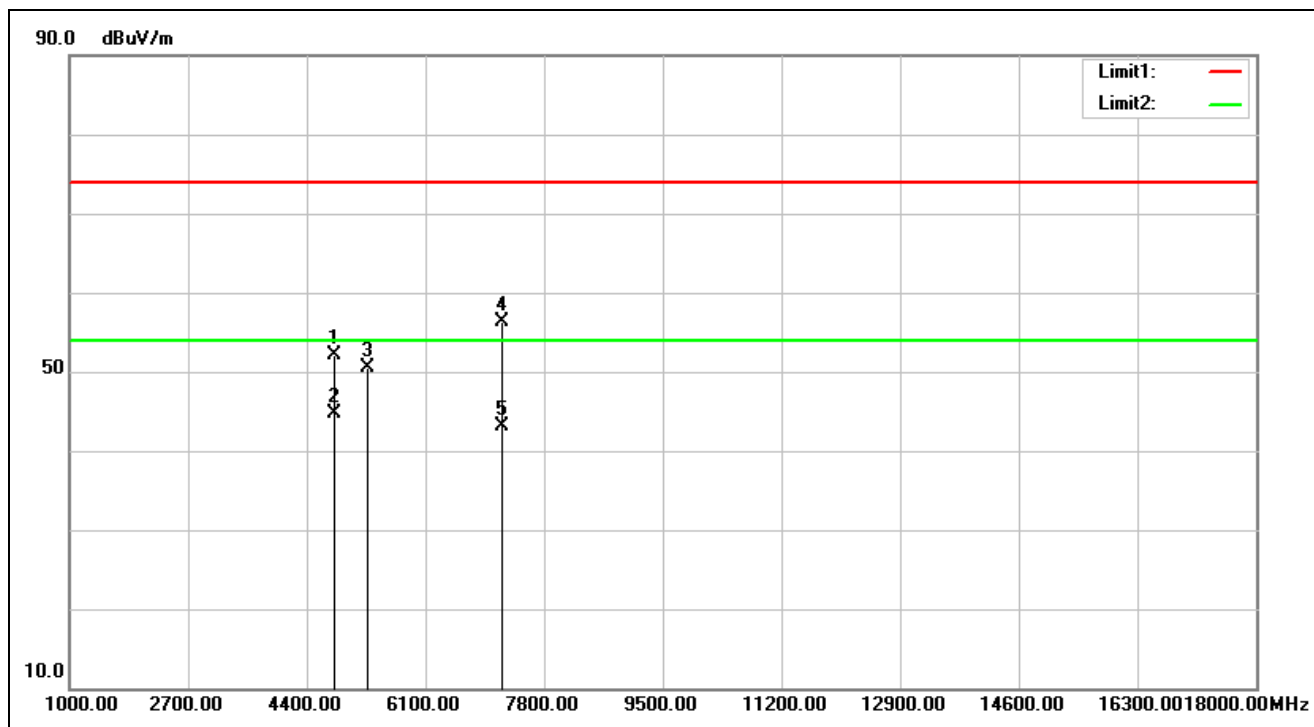
Spurious Emissions, TX Mode, 1-18G



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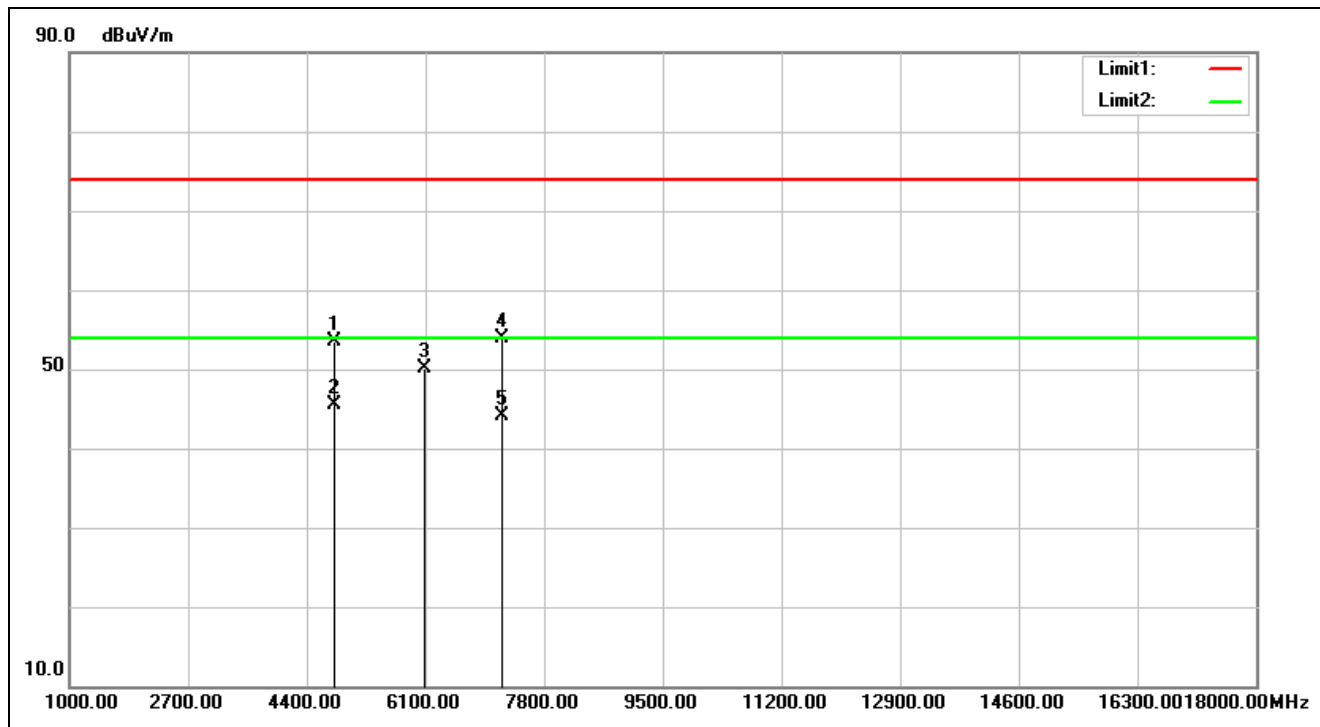
Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 12:58:45
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

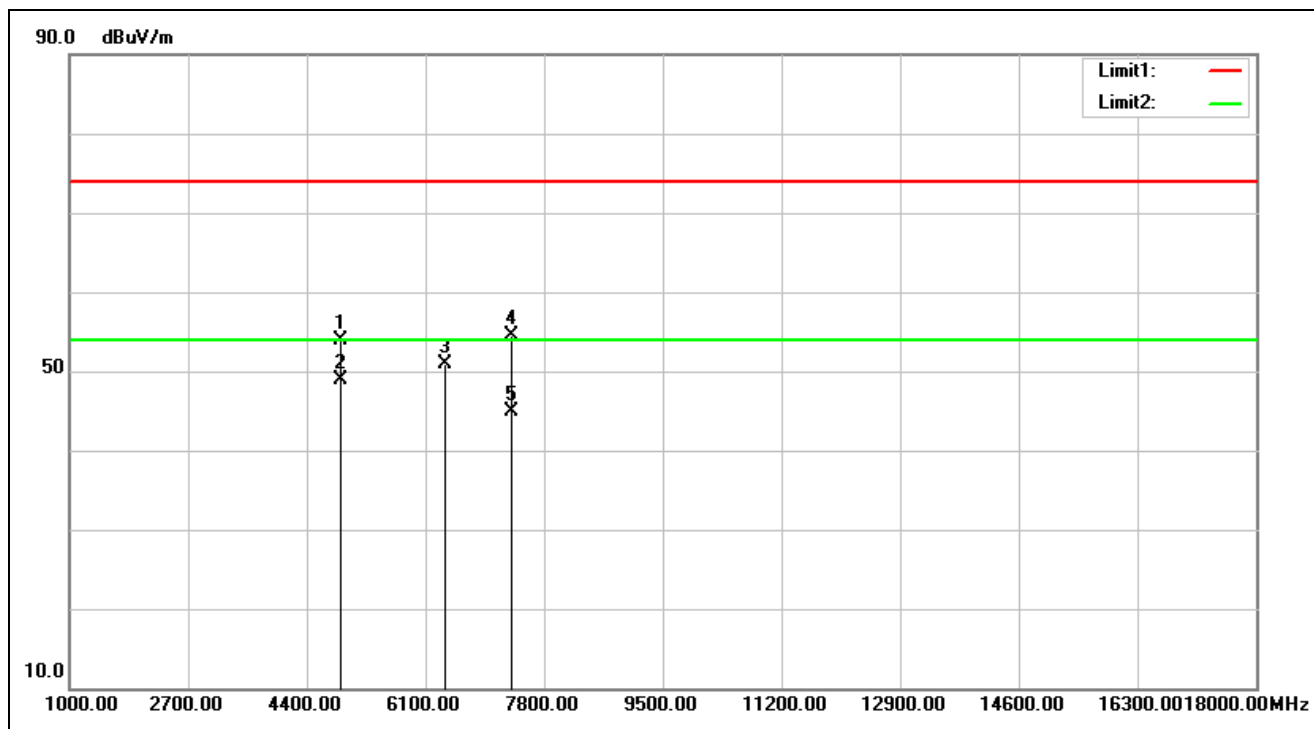
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.48	54.55	52.07	74.00	-21.93	peak	100	293	
2	4804.000	-2.48	47.27	44.79	54.00	-9.21	AVG	100	293	
3	5267.000	-0.74	51.15	50.41	74.00	-23.59	peak	100	72	
4	7206.000	5.39	51.00	56.39	74.00	-17.61	peak	100	307	
5	7206.000	5.39	37.69	43.08	54.00	-10.92	AVG	100	307	

Spurious Emissions, TX Mode, 1-18G



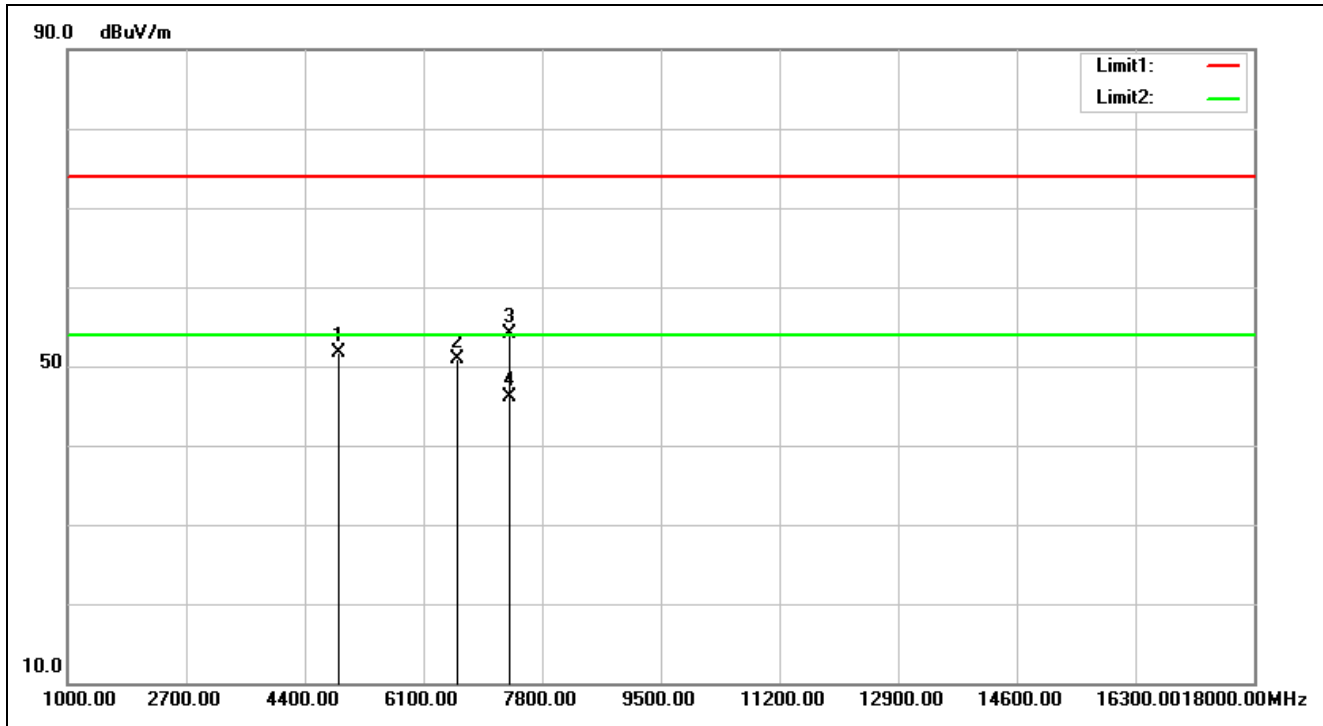
Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 12:59:47
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4804.000	-2.48	56.04	53.56	74.00	-20.44	peak	100	335	
2	4804.000	-2.48	48.02	45.54	54.00	-8.46	AVG	100	335	
3	6083.000	3.82	46.29	50.11	74.00	-23.89	peak	100	131	
4	7206.000	5.39	48.55	53.94	74.00	-20.06	peak	100	111	
5	7206.000	5.39	38.76	44.15	54.00	-9.85	AVG	100	111	



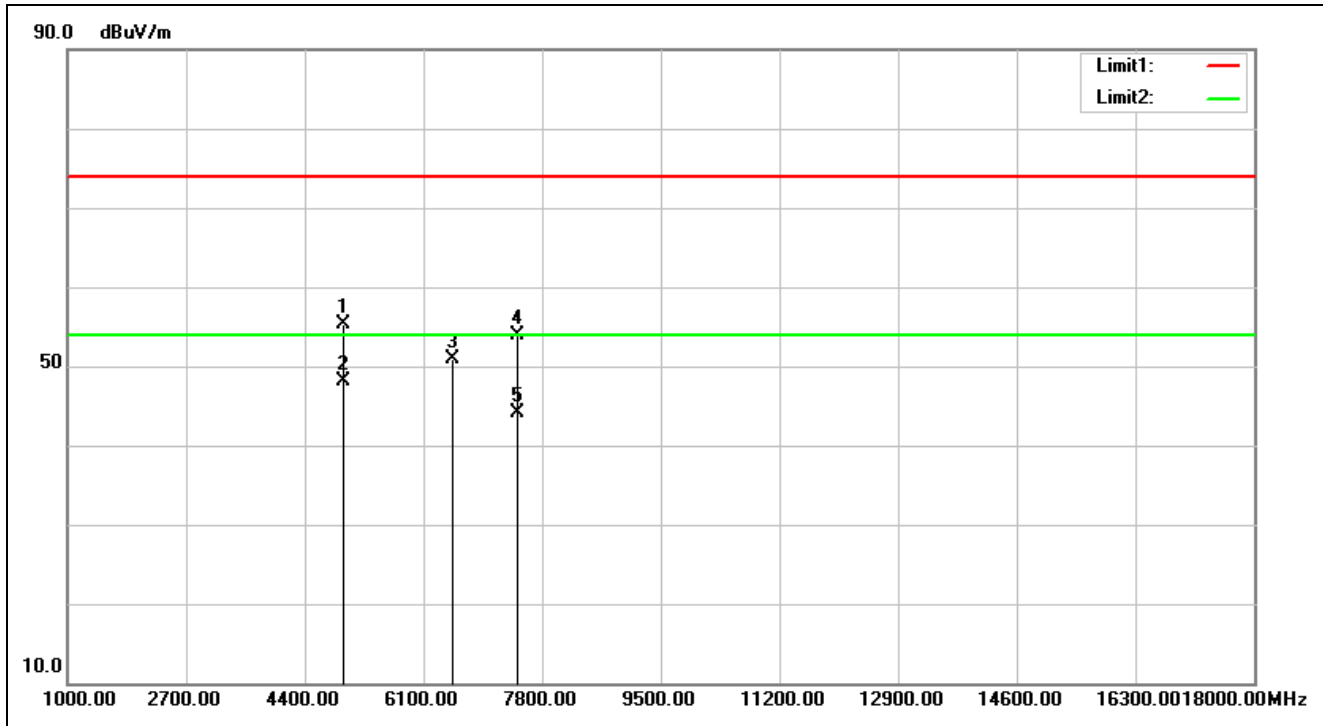
Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 13:09:31
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	4880.000	-2.27	56.08	53.81	74.00	-20.19	peak	100	298	
2	4880.000	-2.27	51.16	48.89	54.00	-5.11	AVG	100	298	
3	6389.000	5.10	45.90	51.00	74.00	-23.00	peak	100	346	
4	7320.000	5.65	48.77	54.42	74.00	-19.58	peak	100	77	
5	7320.000	5.65	39.29	44.94	54.00	-9.06	AVG	100	77	



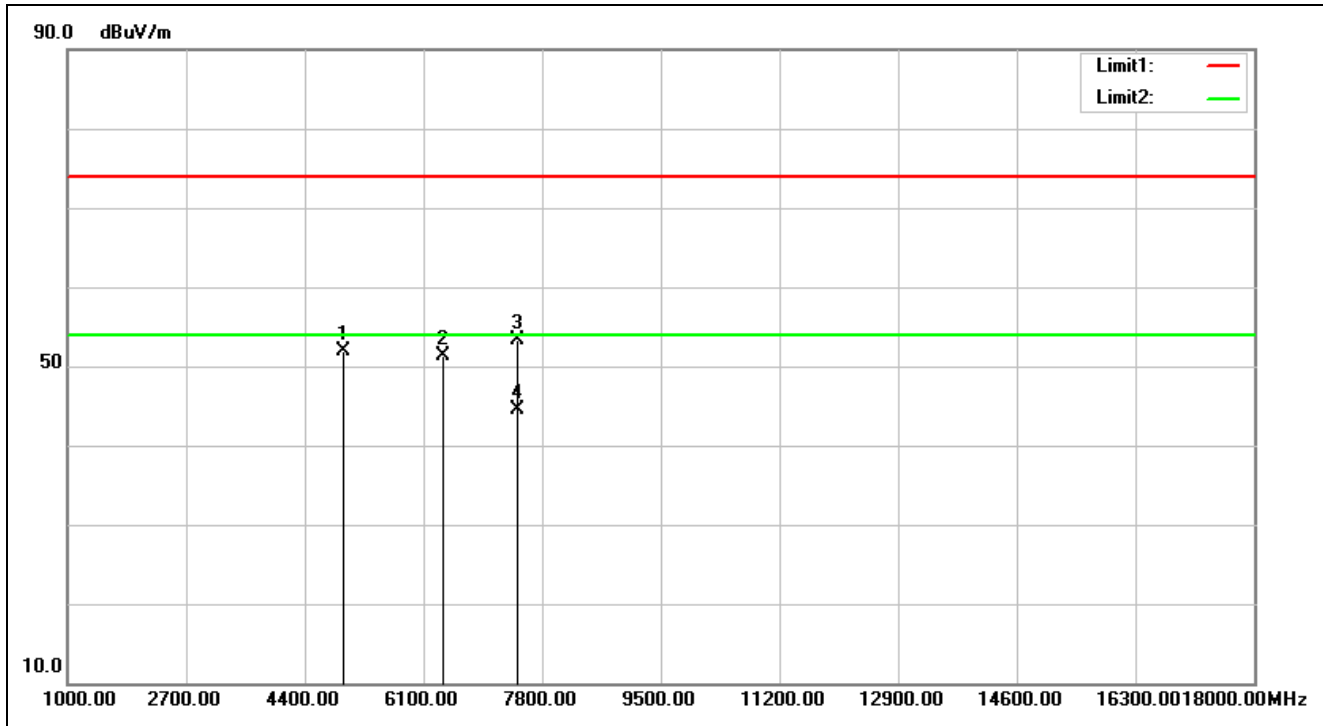
Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 13:10:33
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	4880.000	-2.27	54.04	51.77	74.00	-22.23	peak	100	349	
2	6576.000	5.46	45.50	50.96	74.00	-23.04	peak	100	302	
3	7320.000	5.65	48.48	54.13	74.00	-19.87	peak	100	286	
4	7320.000	5.65	40.38	46.03	54.00	-7.97	AVG	100	286	



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 13:14:52
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.06	57.44	55.38	74.00	-18.62	peak	100	302	
2	4960.000	-2.06	50.16	48.10	54.00	-5.90	AVG	100	302	
3	6525.000	5.52	45.34	50.86	74.00	-23.14	peak	100	146	
4	7440.000	5.93	48.07	54.00	74.00	-20.00	peak	100	77	
5	7440.000	5.93	38.23	44.16	54.00	-9.84	AVG	100	77	



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 13:15:55
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	4960.000	-2.06	54.06	52.00	74.00	-22.00	peak	100	156	
2	6389.000	5.10	46.23	51.33	74.00	-22.67	peak	100	346	
3	7440.000	5.93	47.33	53.26	74.00	-20.74	peak	100	297	
4	7440.000	5.93	38.54	44.47	54.00	-9.53	AVG	100	297	

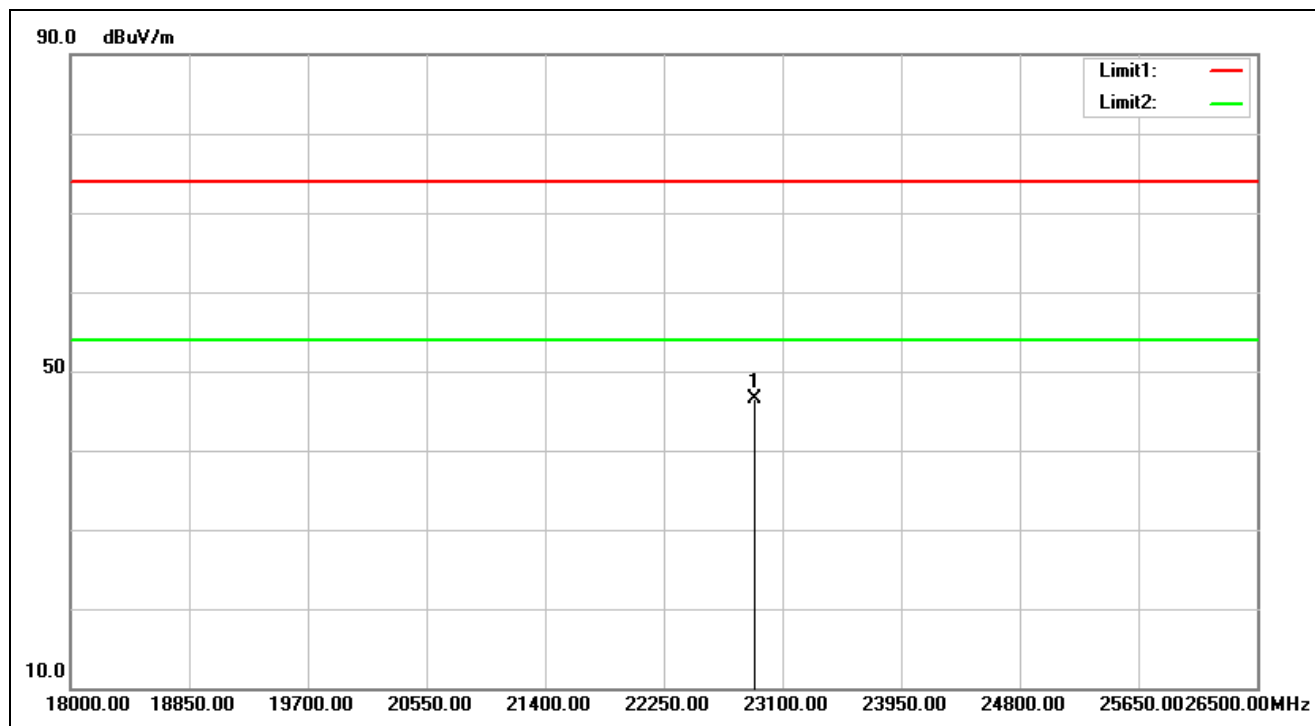
Spurious Emissions, TX Mode, 18-26G



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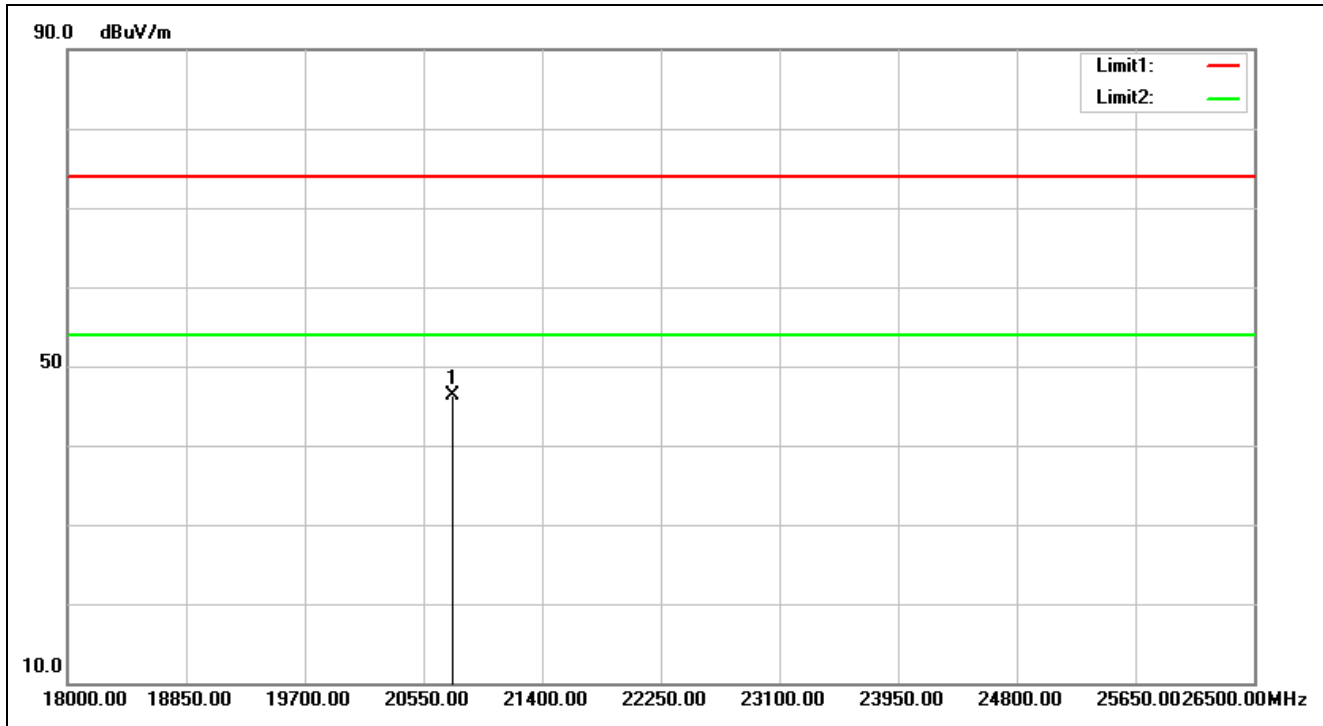
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Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 17:30:17
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

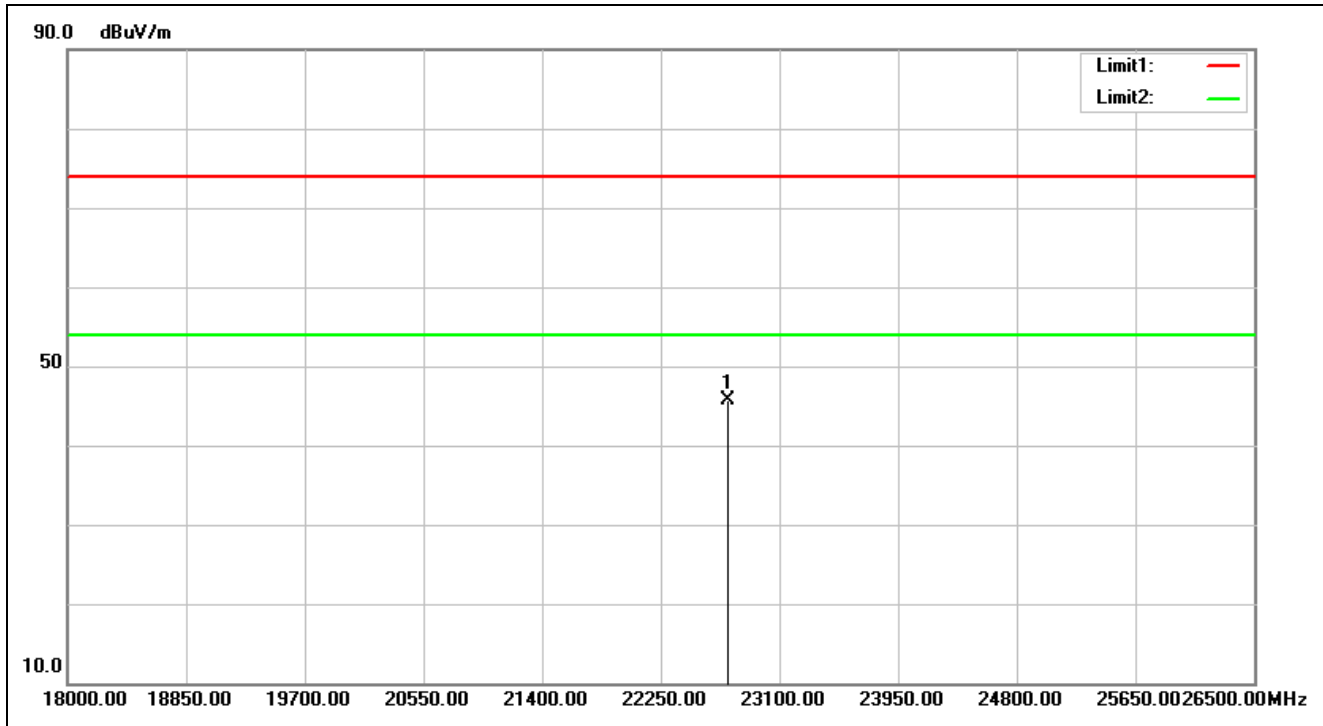
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	22896.000	5.18	41.25	46.43	74.00	-27.57	peak	100	196	

Spurious Emissions, TX Mode, 9k-30M



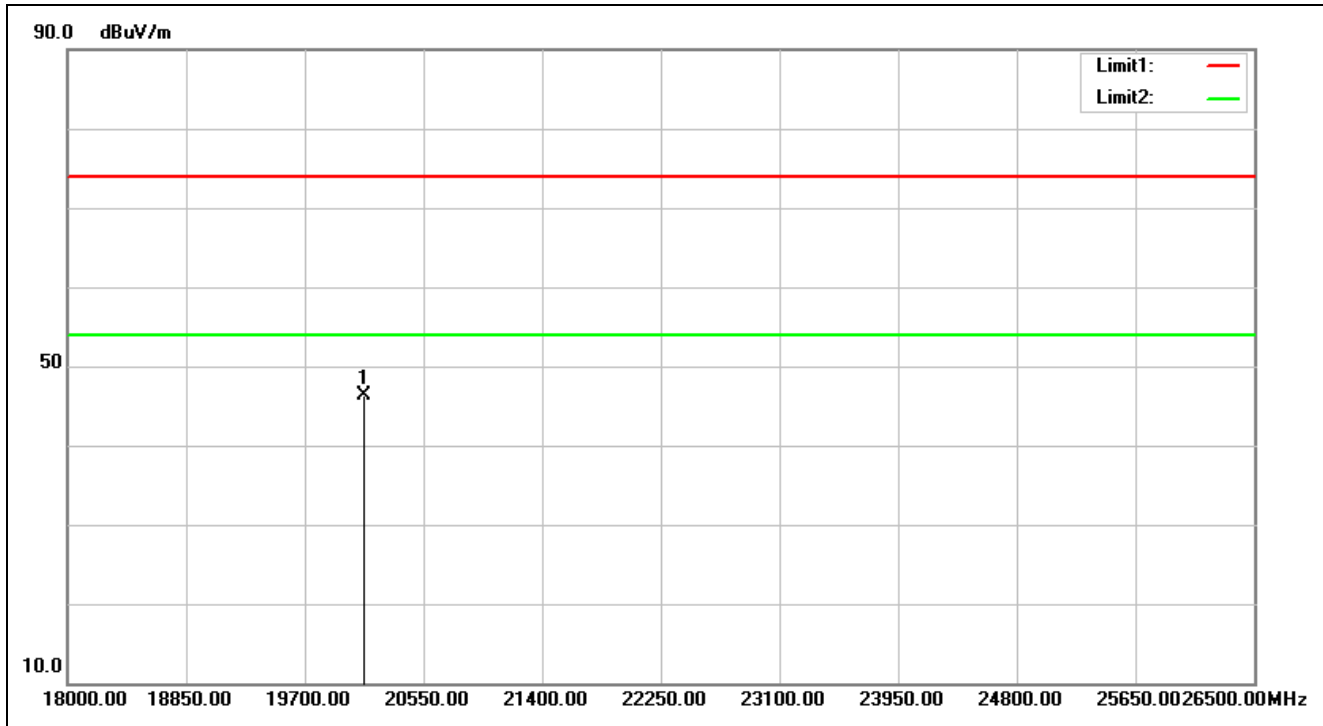
Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 17:30:28
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2402-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20762.500	4.50	41.82	46.32	74.00	-27.68	peak	100	165	



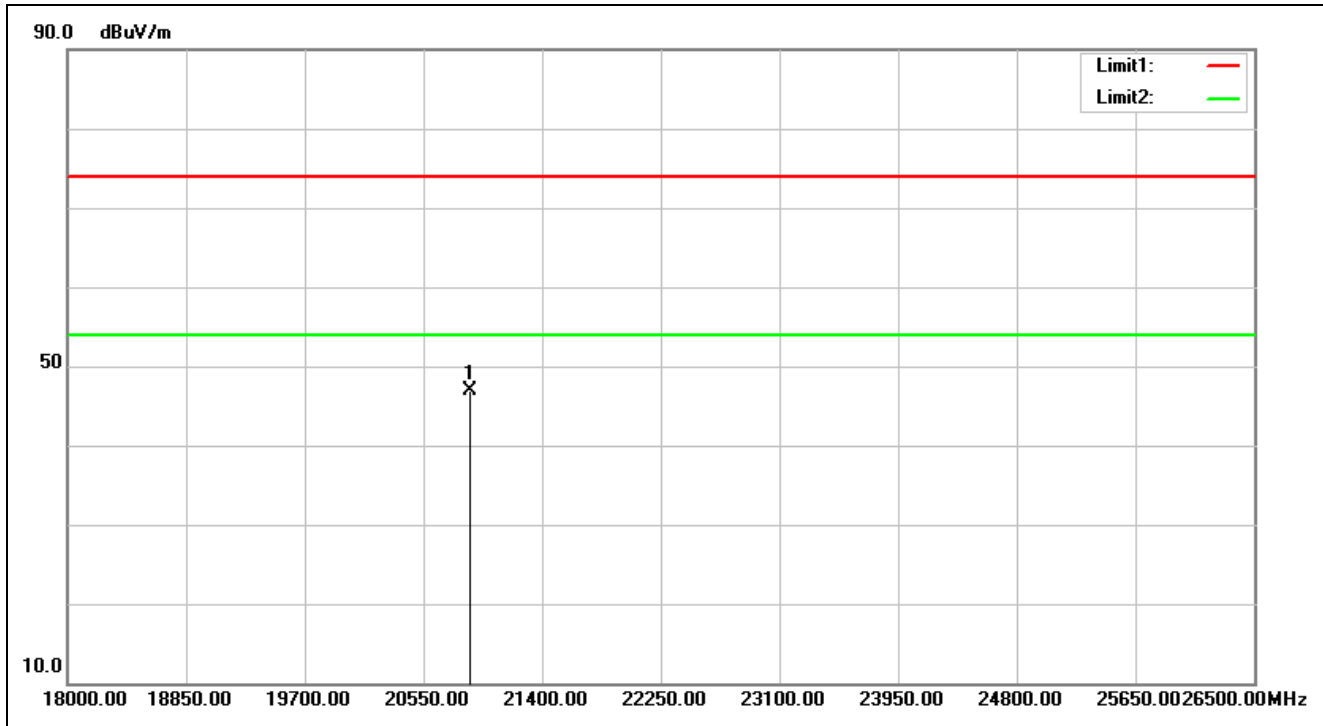
Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 17:30:46
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	22726.000	4.95	40.70	45.65	74.00	-28.35	peak	100	196	



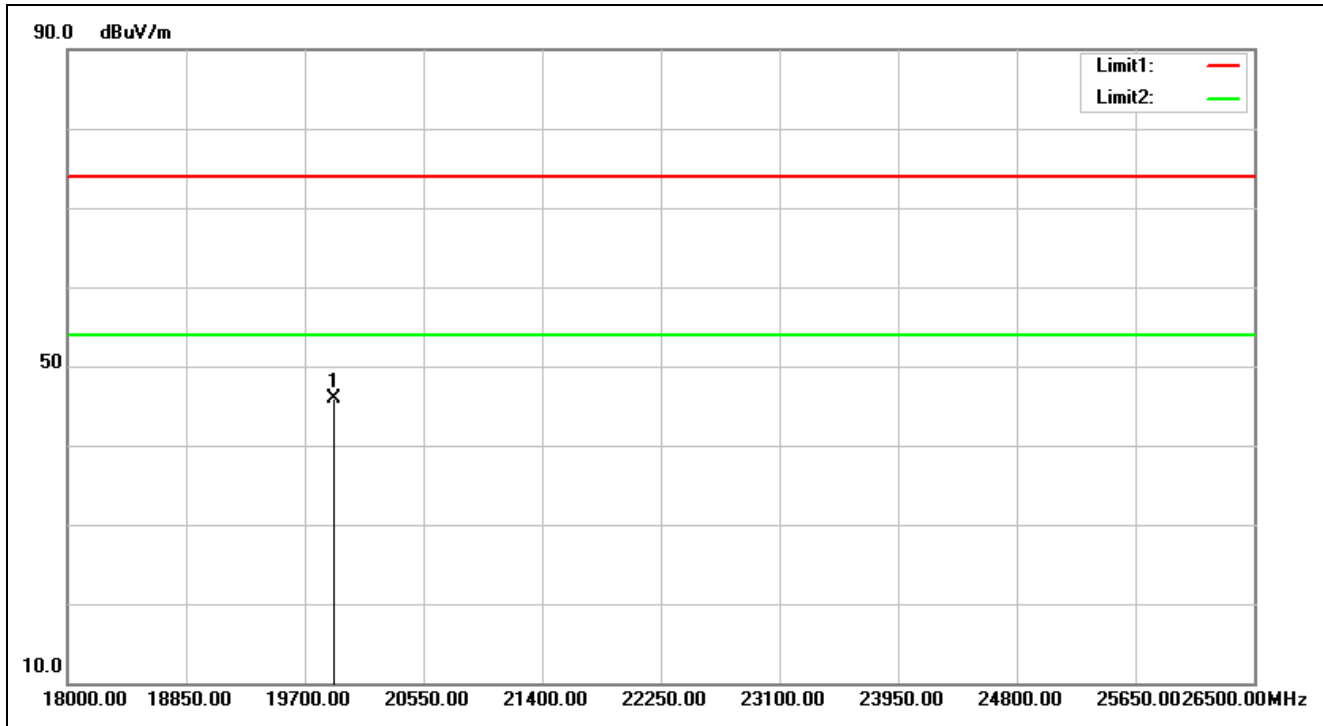
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Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 17:30:58
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	20125.000	4.25	42.02	46.27	74.00	-27.73	peak	100	196	



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 17:39:10
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	20881.500	4.65	42.27	46.92	74.00	-27.08	peak	100	196	



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 17:39:22
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2480-TX		
Remark:			

No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	19904.000	4.18	41.74	45.92	74.00	-28.08	peak	100	174	

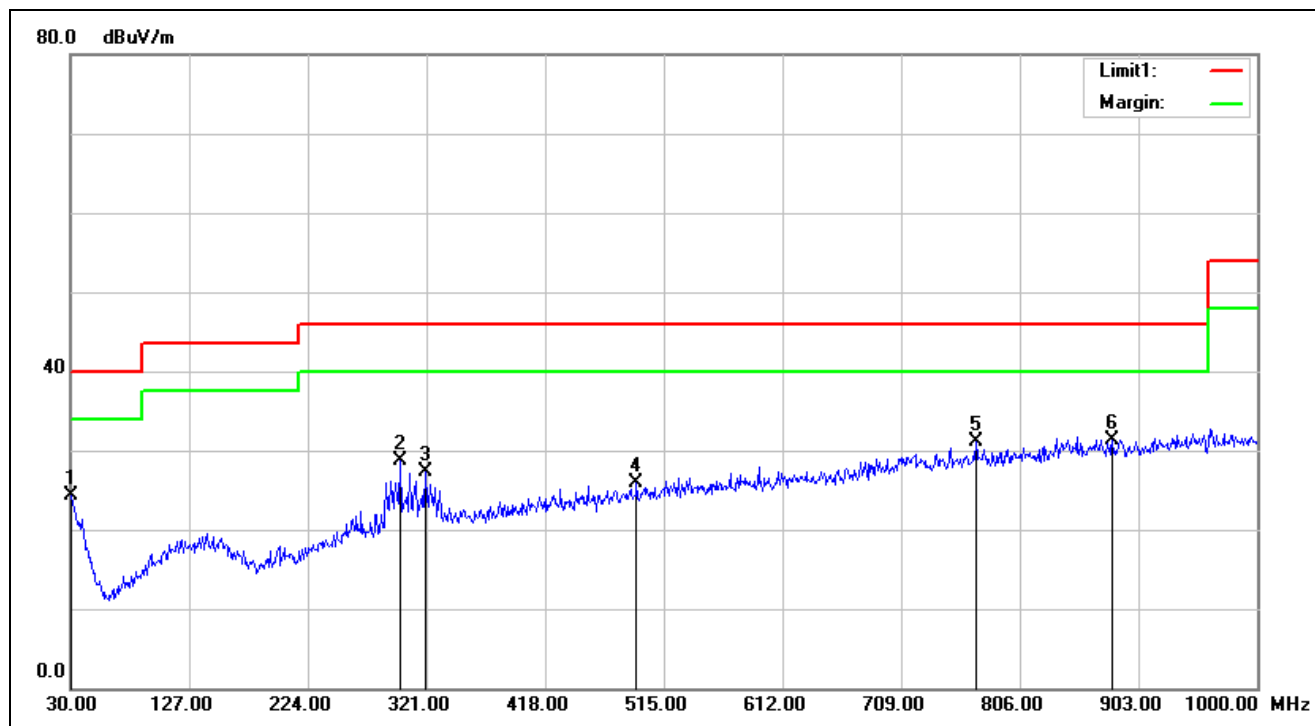
Spurious Emissions, TX Mode, 30M-1G



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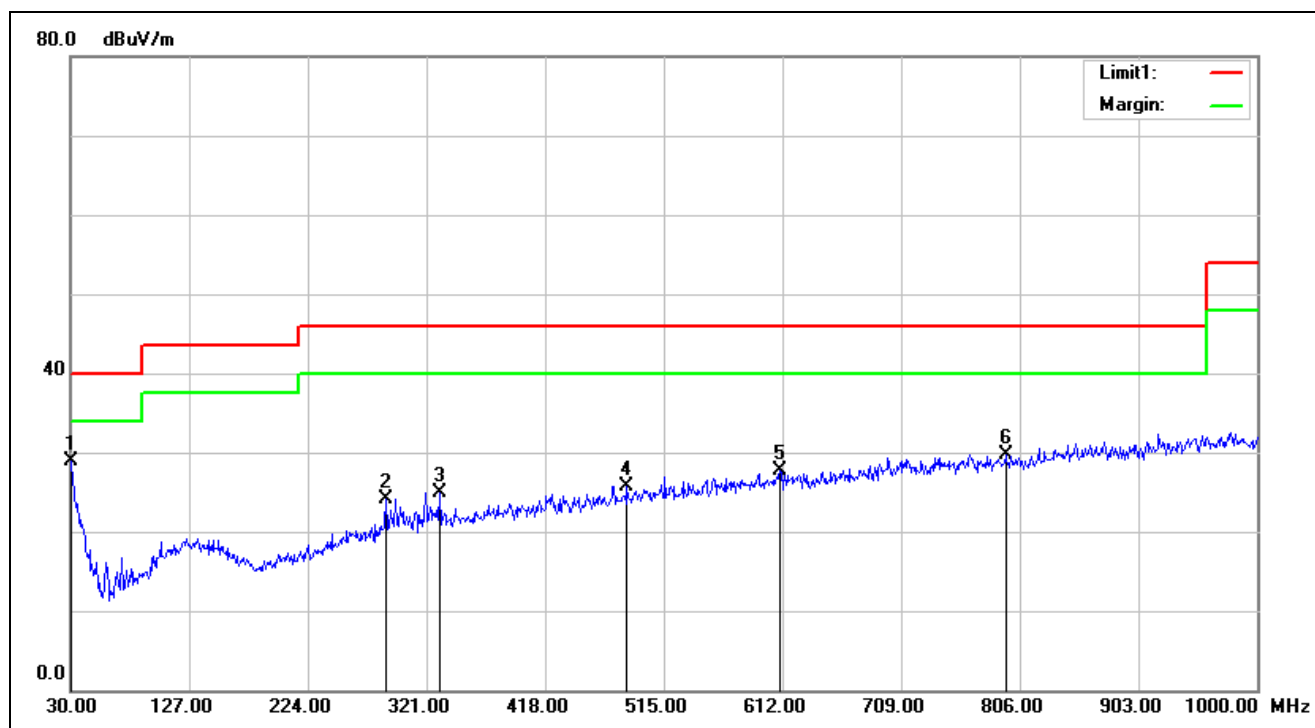
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 16:24:05
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	30.0000	-0.47	24.83	24.36	40.00	-15.64	QP	100	144	
2	299.6600	-5.29	34.06	28.77	46.00	-17.23	QP	100	125	
3	320.0299	-4.82	32.08	27.26	46.00	-18.74	QP	100	200	
4	492.6899	-2.22	28.05	25.83	46.00	-20.17	QP	100	184	
5	770.1100	1.42	29.62	31.04	46.00	-14.96	QP	100	128	
6	881.6599	2.77	28.58	31.35	46.00	-14.65	QP	100	115	

Spurious Emissions, TX Mode, 9k-30M



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 16:25:08
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	30.0000	-0.47	29.32	28.85	40.00	-11.15	QP	100	359	
2	288.0200	-5.57	29.66	24.09	46.00	-21.91	QP	100	12	
3	331.6700	-4.55	29.43	24.88	46.00	-21.12	QP	100	160	
4	484.9300	-2.32	28.12	25.80	46.00	-20.20	QP	100	130	
5	610.0600	-0.85	28.50	27.65	46.00	-18.35	QP	100	181	
6	794.3600	1.61	28.02	29.63	46.00	-16.37	QP	100	245	

Spurious Emissions, TX Mode, 9k-30M

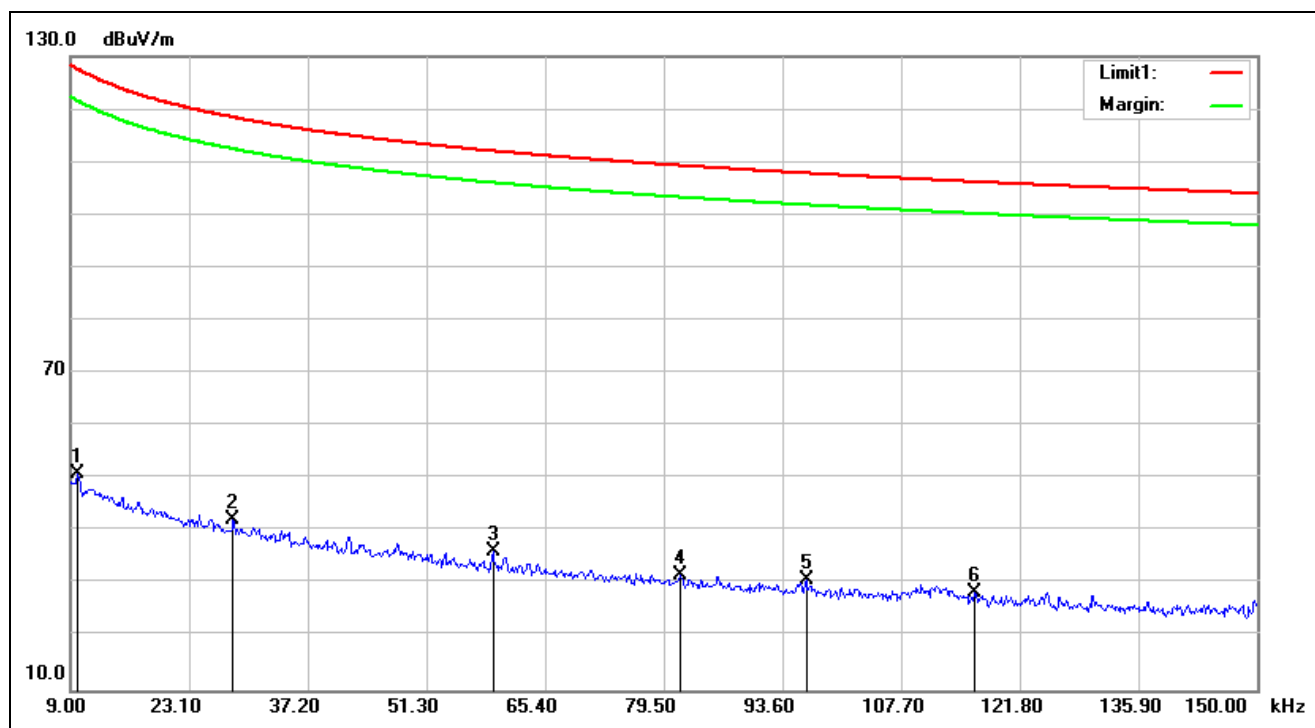
Spurious Emissions, TX Mode, 9k-30M



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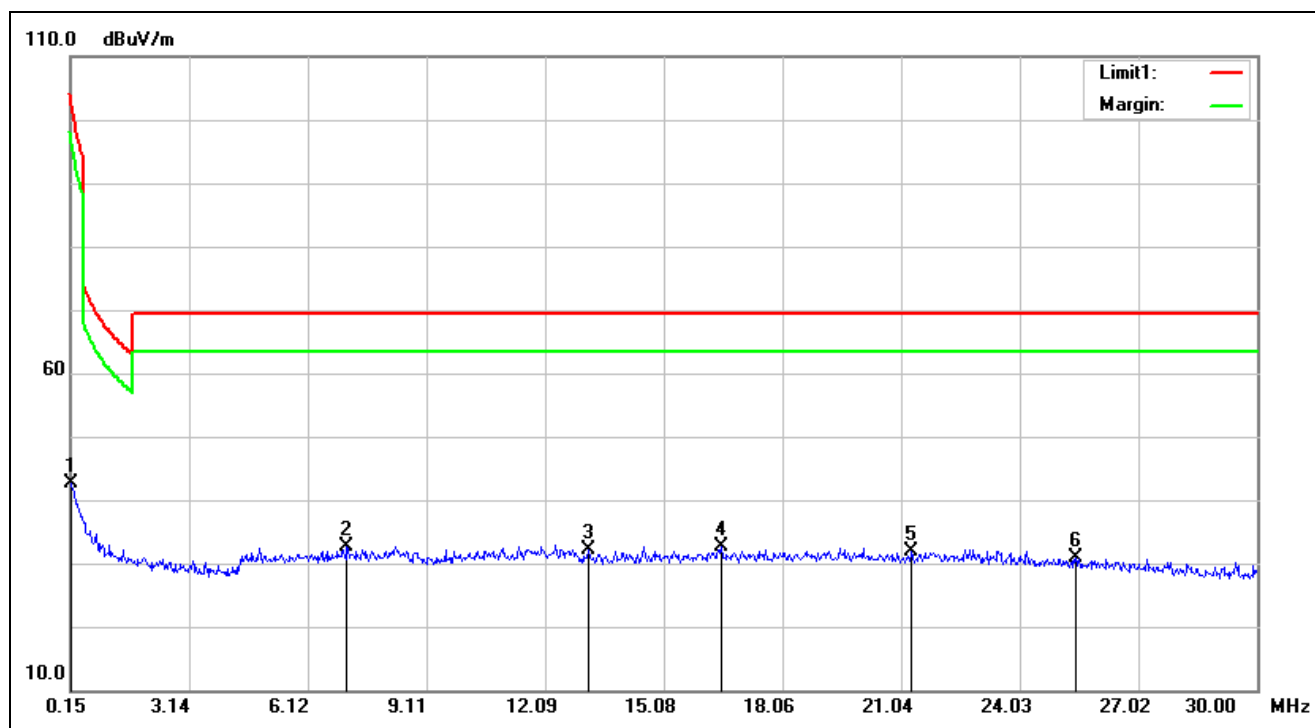
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 16:38:46
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	0.0098	18.49	32.49	50.98	127.57	-76.59	QP	100	88	
2	0.0283	19.27	22.88	42.15	118.42	-76.27	QP	100	360	
3	0.0591	18.82	17.41	36.23	112.06	-75.83	QP	100	3	
4	0.0814	18.55	13.18	31.73	109.29	-77.56	QP	100	101	
5	0.0964	18.37	12.61	30.98	107.83	-76.85	QP	100	107	
6	0.1164	18.34	10.16	28.50	106.21	-77.71	QP	100	157	

Spurious Emissions, TX Mode, 9k-30M



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 16:42:29
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	0.1500	18.35	24.31	42.66	104.02	-61.36	QP	100	123	
2	7.1050	19.87	12.65	32.52	69.50	-36.98	QP	100	227	
3	13.1646	20.80	11.39	32.19	69.50	-37.31	QP	100	112	
4	16.5077	21.19	11.51	32.70	69.50	-36.80	QP	100	69	
5	21.3136	21.65	10.23	31.88	69.50	-37.62	QP	100	152	
6	25.4329	21.79	9.12	30.91	69.50	-38.59	QP	100	125	

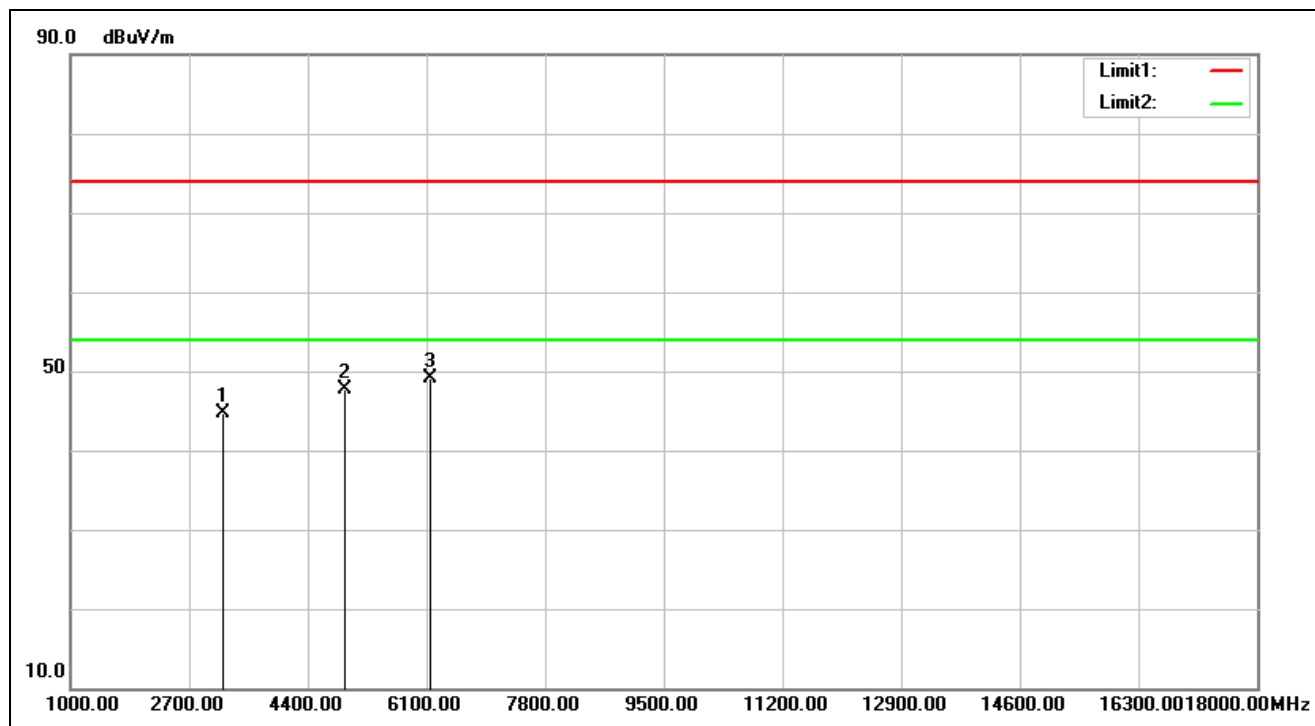
Spurious Emissions, RX Mode, 1-18G



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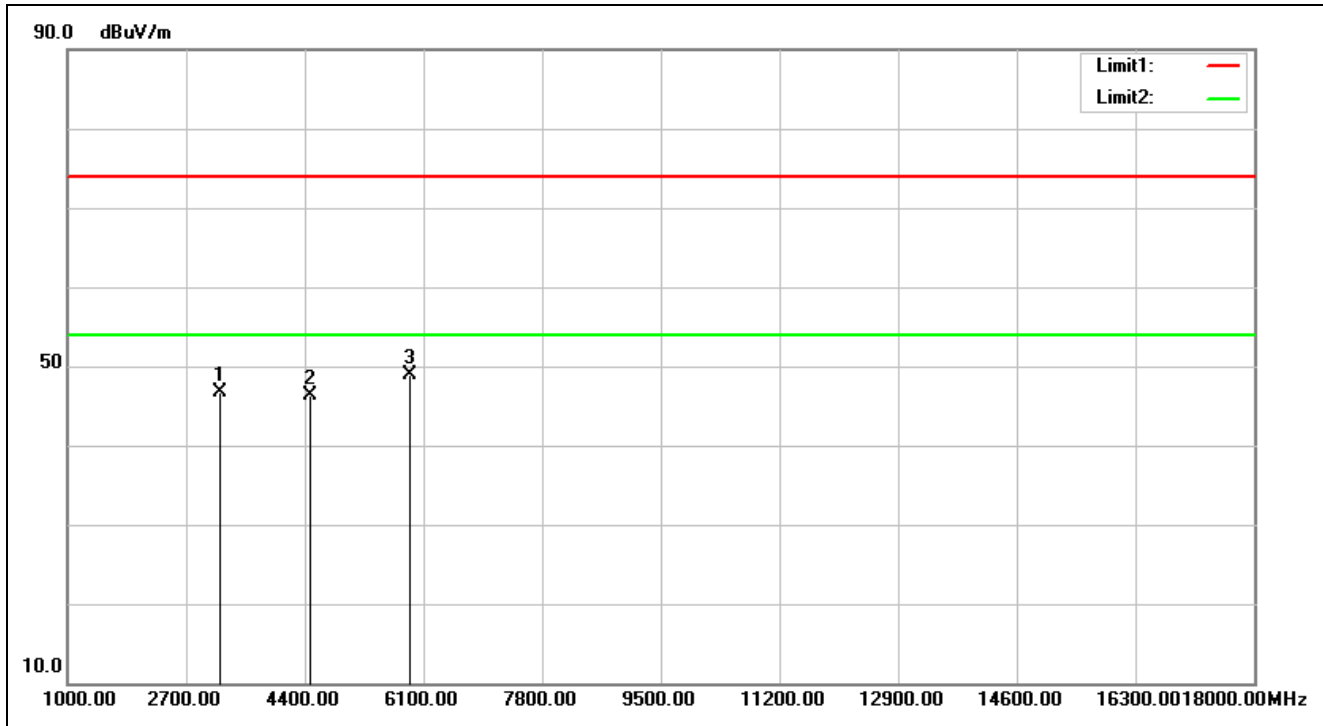
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 13:22:36
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	3176.000	-6.85	51.56	44.71	74.00	-29.29	peak	100	133	
2	4927.000	-3.11	50.88	47.77	74.00	-26.23	peak	100	105	
3	6151.000	3.06	46.03	49.09	74.00	-24.91	peak	100	89	

Spurious Emissions, RX Mode, 18-26G



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 13:23:38
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	3193.000	-6.84	53.56	46.72	74.00	-27.28	peak	100	50	
2	4468.000	-3.87	50.20	46.33	74.00	-27.67	peak	100	103	
3	5913.000	1.88	47.00	48.88	74.00	-25.12	peak	100	28	

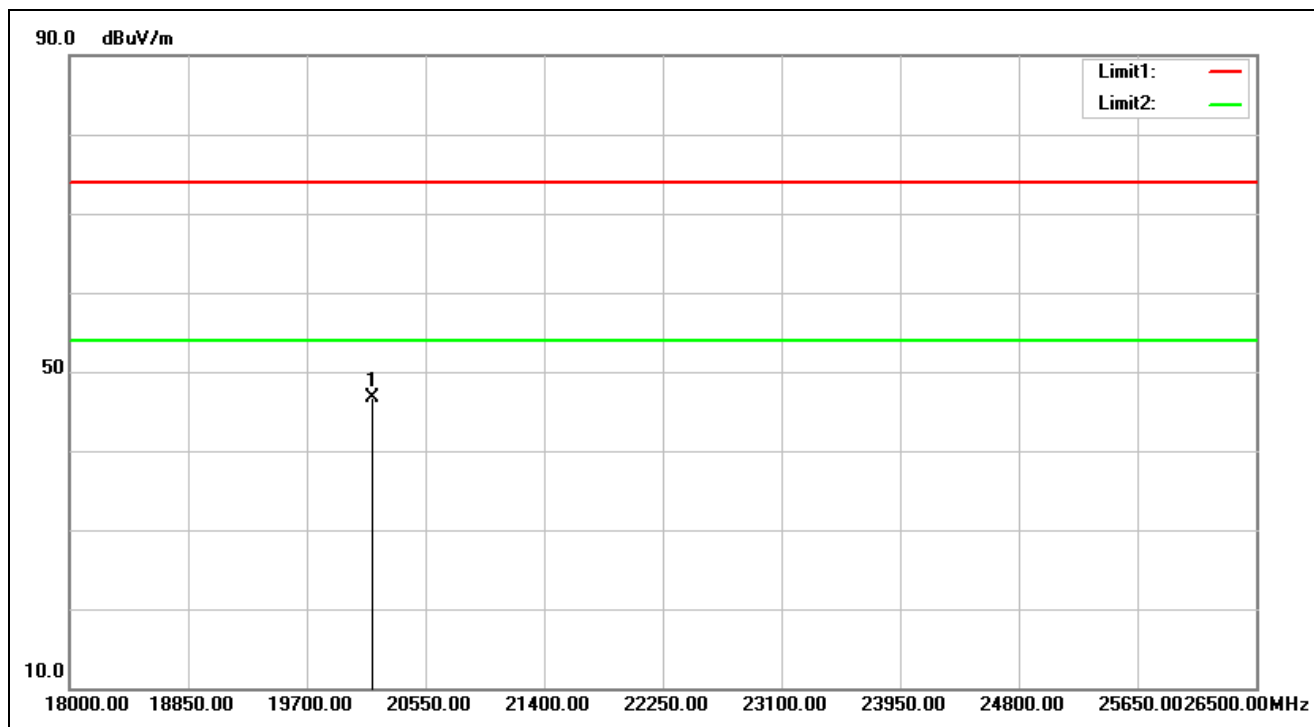
Spurious Emissions, RX Mode, 18-26G



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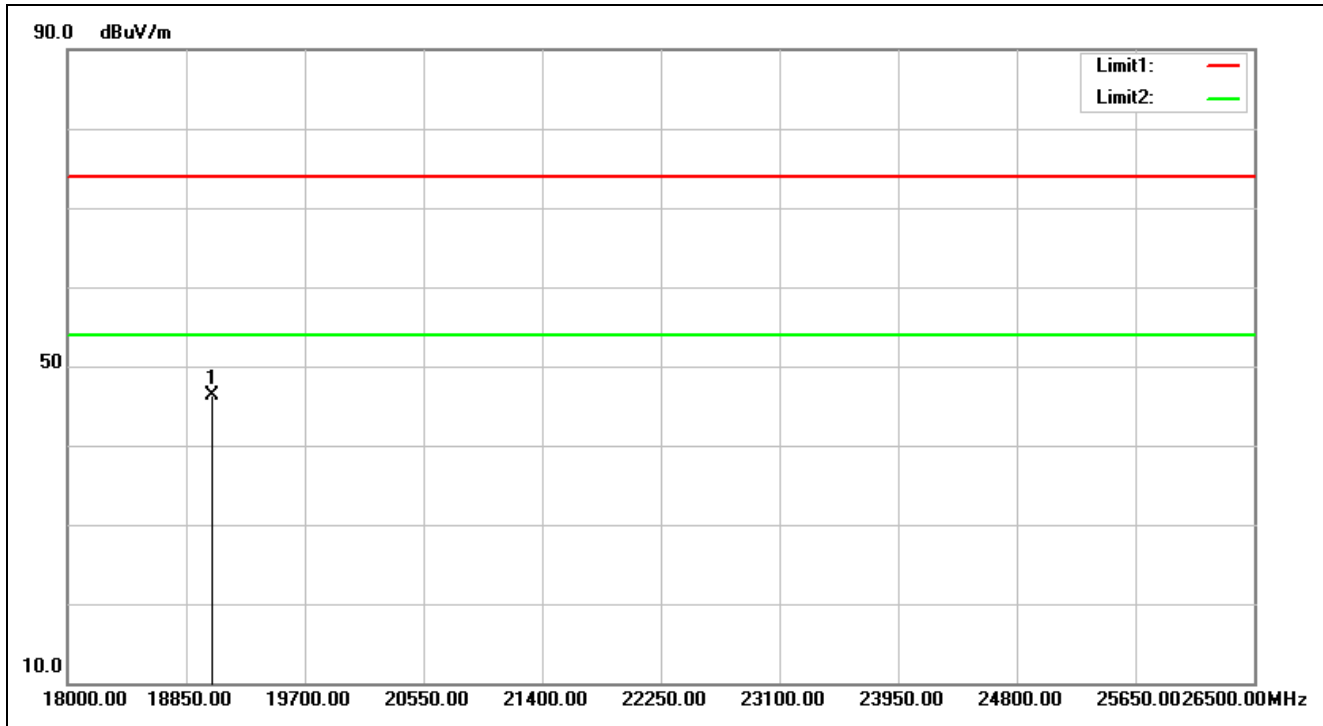
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Tel:+886-2172-7000 fax:+886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 17:39:43
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	20167.500	4.24	42.56	46.80	74.00	-27.20	peak	100	188	



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Above 1G PEAK	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 17:39:54
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	19037.000	4.38	41.90	46.28	74.00	-27.72	peak	100	130	

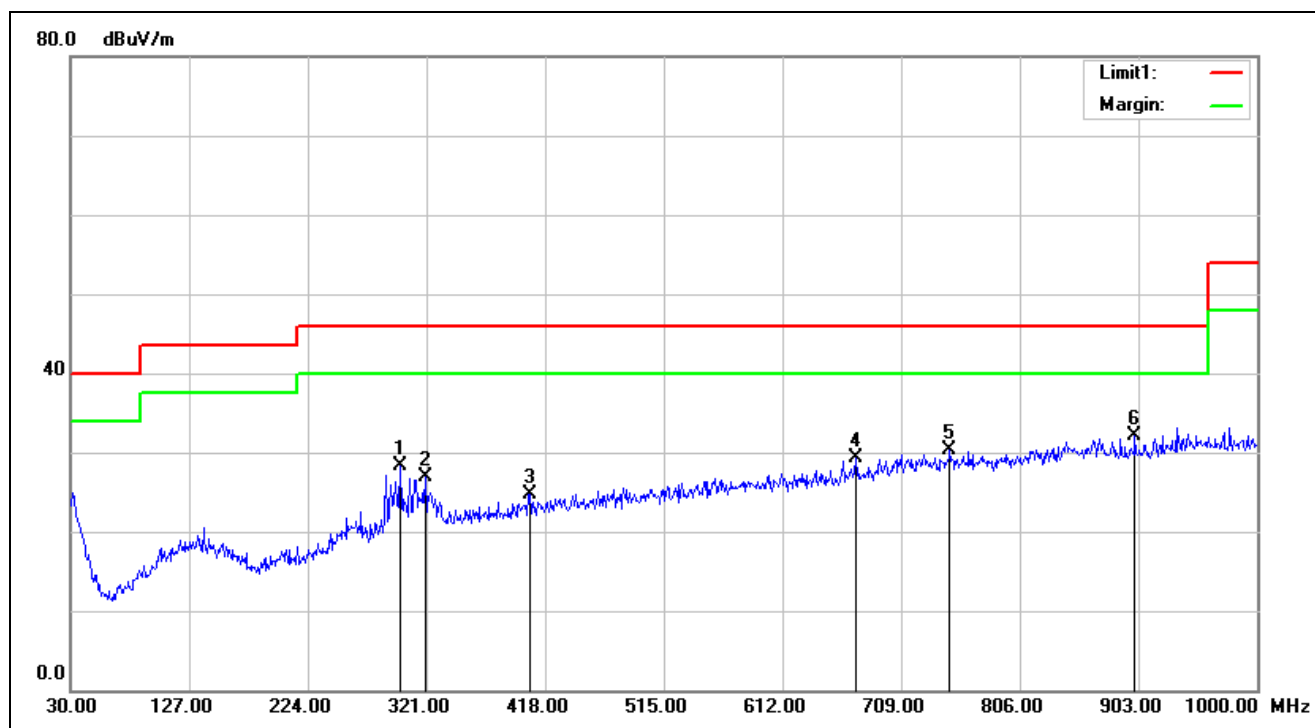
Spurious Emissions, RX Mode, 30M-1G



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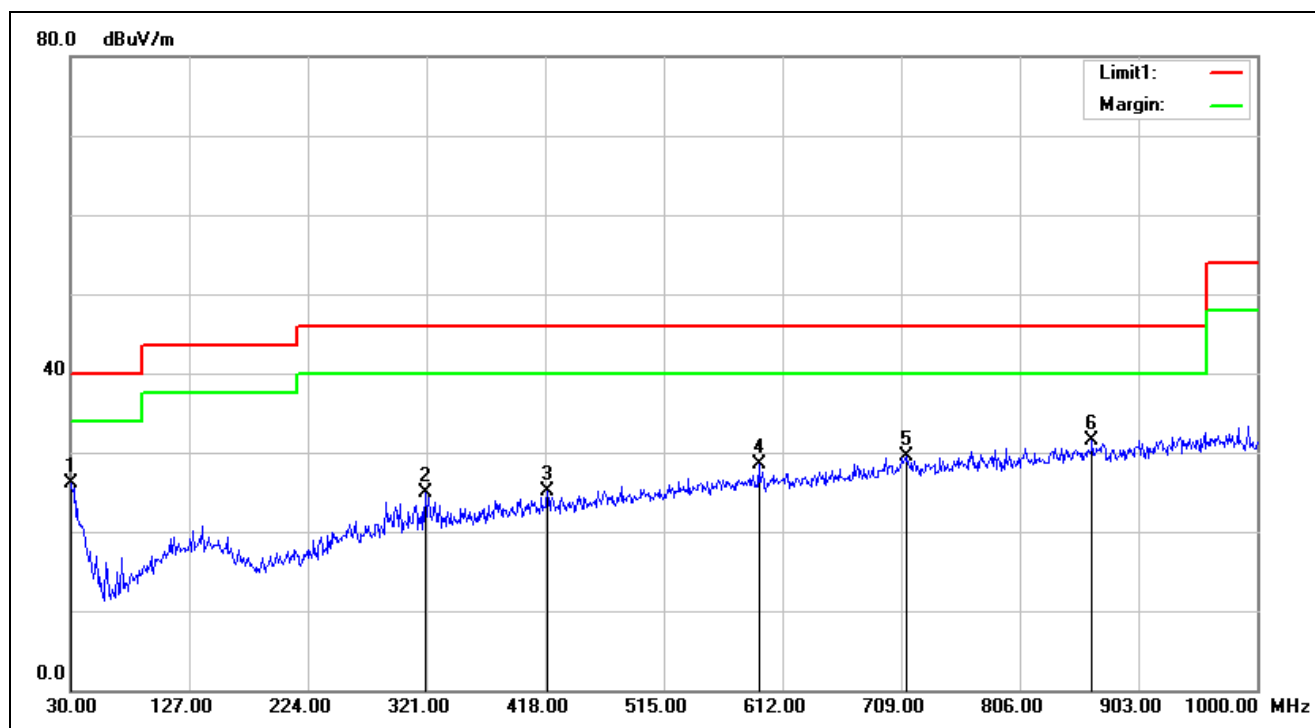
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Horizontal
Test item:	Radiation Emission	Test Time:	2018/7/20 16:26:48
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%):	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	299.6600	-5.29	33.54	28.25	46.00	-17.75	QP	100	222	
2	320.0299	-4.82	31.76	26.94	46.00	-19.06	QP	100	203	
3	405.3899	-3.22	27.94	24.72	46.00	-21.28	QP	100	211	
4	672.1399	-0.22	29.61	29.39	46.00	-16.61	QP	100	166	
5	748.7698	1.24	29.11	30.35	46.00	-15.65	QP	100	153	
6	900.0900	2.89	29.29	32.18	46.00	-13.82	QP	100	107	

Spurious Emissions, RX Mode, 30M-1G



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC Class B 3M Radiation	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 16:27:52
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	-0.47	26.52	26.05	40.00	-13.95	QP	100	152	
2	320.0300	-4.82	29.65	24.83	46.00	-21.17	QP	100	171	
3	419.9400	-3.08	28.10	25.02	46.00	-20.98	QP	100	17	
4	592.6000	-1.01	29.59	28.58	46.00	-17.42	QP	100	240	
5	713.8500	0.48	28.93	29.41	46.00	-16.59	QP	100	232	
6	865.1700	2.67	28.78	31.45	46.00	-14.55	QP	100	75	

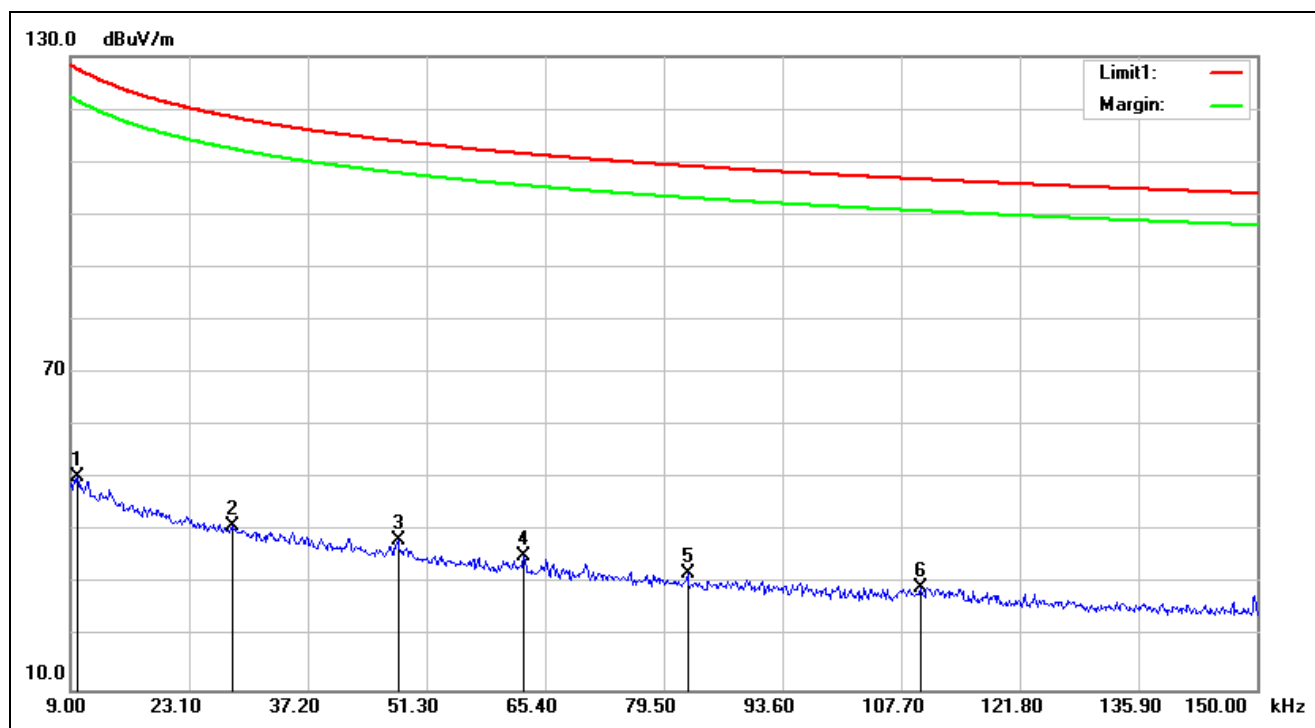
Spurious Emissions, RX Mode, 9K-30M



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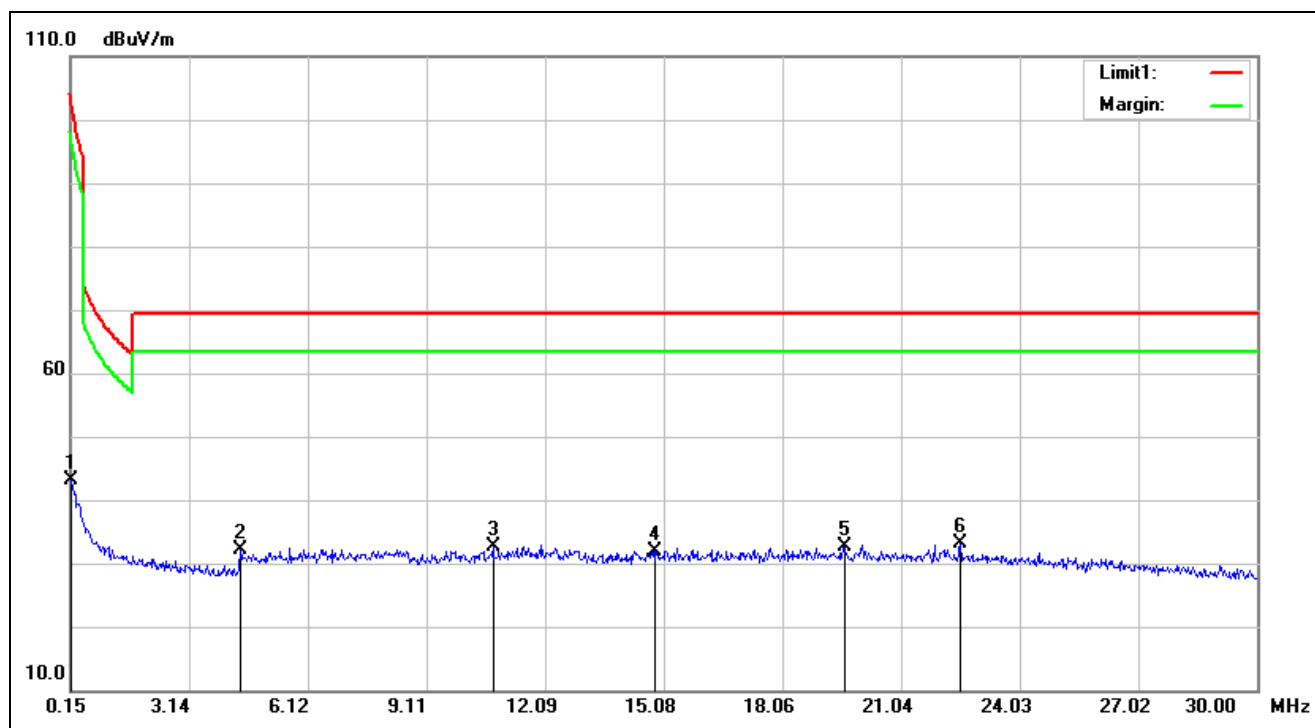
Tel: +886-2172-7000 fax: +886-2528-0018



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 16:39:50
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%) :	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
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	0.0098	18.49	31.88	50.37	127.57	-77.20	QP	100	38	
2	0.0282	19.27	21.69	40.96	118.45	-77.49	QP	100	235	
3	0.0479	18.97	19.28	38.25	113.87	-75.62	QP	100	102	
4	0.0629	18.78	16.56	35.34	111.52	-76.18	QP	100	343	
5	0.0823	18.54	13.51	32.05	109.20	-77.15	QP	100	187	
6	0.1100	18.33	11.15	29.48	106.70	-77.22	QP	100	224	

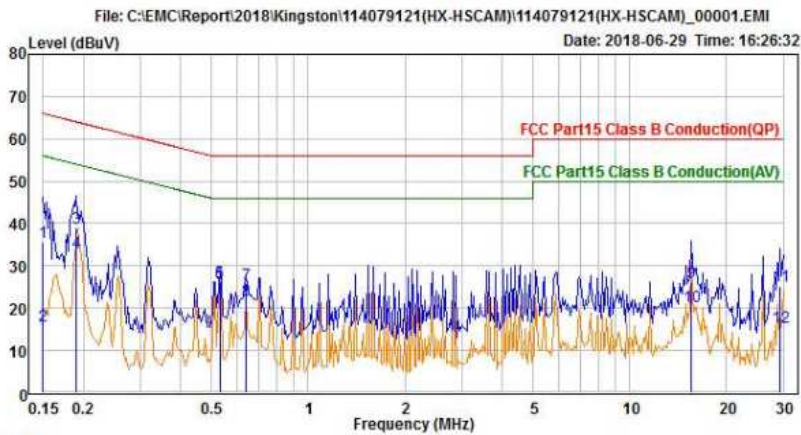
Spurious Emissions, RX Mode, 30M-1G



Service No.:	114079121_FCC(BLE)	Test Distance:	3m
Test Standard:	NCC2.8_9k-1G_3m	Ant. Polarization:	Vertical
Test item:	Radiation Emission	Test Time:	2018/7/20 16:43:33
Applicant:	Kingston	Test Rating:	DC 5V
Product:	HyperX Cloud MIX Bluetooth Headset	Temp.(°C)/Hum.(%)	21.9(°C)/53%
Model No.:	Cloud MIX	Test Engineer:	Amy Hsu
Test Mode:	2440-RX		
Remark:			

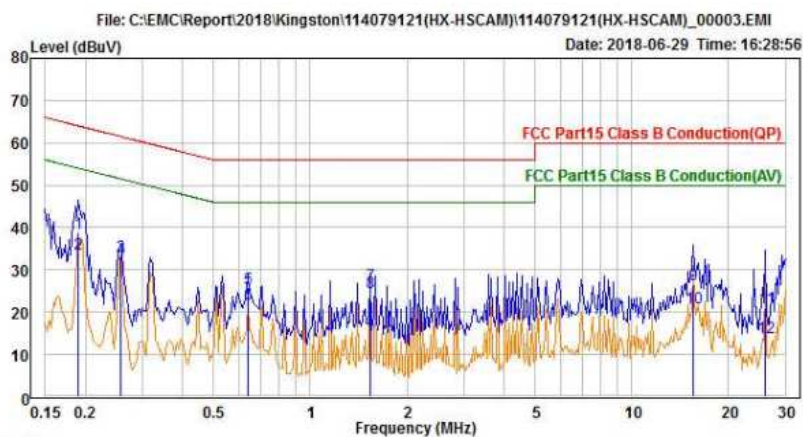
No.	Frequency (MHz)	Factor (dB/m)	Reading (dBuV)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Det.	Height (cm)	Azimuth (°)	Remark
1	0.1500	18.35	24.86	43.21	104.05	-60.84	QP	100	346	
2	4.4185	19.19	12.91	32.10	69.50	-37.40	QP	100	282	
3	10.7766	20.53	12.06	32.59	69.50	-36.91	QP	100	112	
4	14.8660	21.00	10.92	31.92	69.50	-37.58	QP	100	208	
5	19.6122	21.55	11.09	32.64	69.50	-36.86	QP	100	248	
6	22.5375	21.69	11.44	33.13	69.50	-36.37	QP	100	202	

Mains Spurious Emissions



Trace: 1
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Wade Cheng
Applicant : Kingston
Product : HyperX Cloud MIX
Model No. : HX-HSCAM
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.5°C /41%
Memo : (a) Charing mode

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.150	25.80	9.68	35.48	66.00	-30.52	QP
2	0.150	6.25	9.68	15.93	56.00	-40.07	Average
3	0.190	29.14	9.68	38.82	64.02	-25.20	QP
4	0.190	23.33	9.68	33.01	54.02	-21.01	Average
5	0.530	16.54	9.69	26.23	56.00	-29.77	QP
6	0.530	16.04	9.69	25.73	46.00	-20.27	Average
7	0.640	15.78	9.69	25.47	56.00	-30.53	QP
8	0.640	12.35	9.69	22.04	46.00	-23.96	Average
9	15.566	16.27	9.84	26.11	60.00	-33.89	QP
10	15.566	10.62	9.84	20.46	50.00	-29.54	Average
11	29.409	15.33	9.83	25.16	60.00	-34.84	QP
12	29.409	5.53	9.83	15.36	50.00	-34.64	Average



Trace: 1
Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) neutral
Test Engineer: Wade Cheng
Applicant : Kingston
Product : HyperX Cloud MIX
Model No. : HX-HSCAM
Test Rating : 120Vac/60Hz
Tmp/Hum : 23.5°C /41%
Memo : (a) Charing mode

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.190	28.83	9.68	38.51	64.02	-25.51	QP
2	0.190	24.23	9.68	33.91	54.02	-20.11	Average
3	0.257	23.42	9.68	33.10	61.54	-28.44	QP
4	0.257	22.88	9.68	32.56	51.54	-18.98	Average
5	0.640	15.96	9.69	25.65	56.00	-30.35	QP
6	0.640	12.27	9.69	21.96	46.00	-24.04	Average
7	1.536	16.64	9.72	26.36	56.00	-29.64	QP
8	1.536	14.88	9.72	24.60	46.00	-21.40	Average
9	15.566	16.65	9.88	26.53	60.00	-33.47	QP
10	15.566	11.08	9.88	20.96	50.00	-29.04	Average
11	26.102	10.97	9.94	20.91	60.00	-39.09	QP
12	26.102	4.11	9.94	14.05	50.00	-35.95	Average