

Test Report No.50304063 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50304063 001AppendixD)

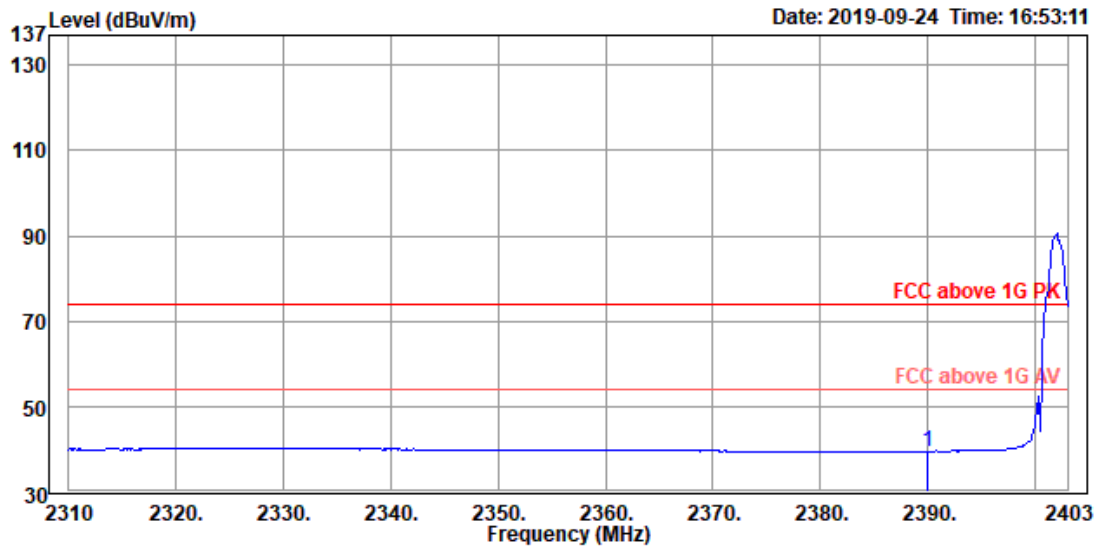
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Spurious Emissions, Band Edges

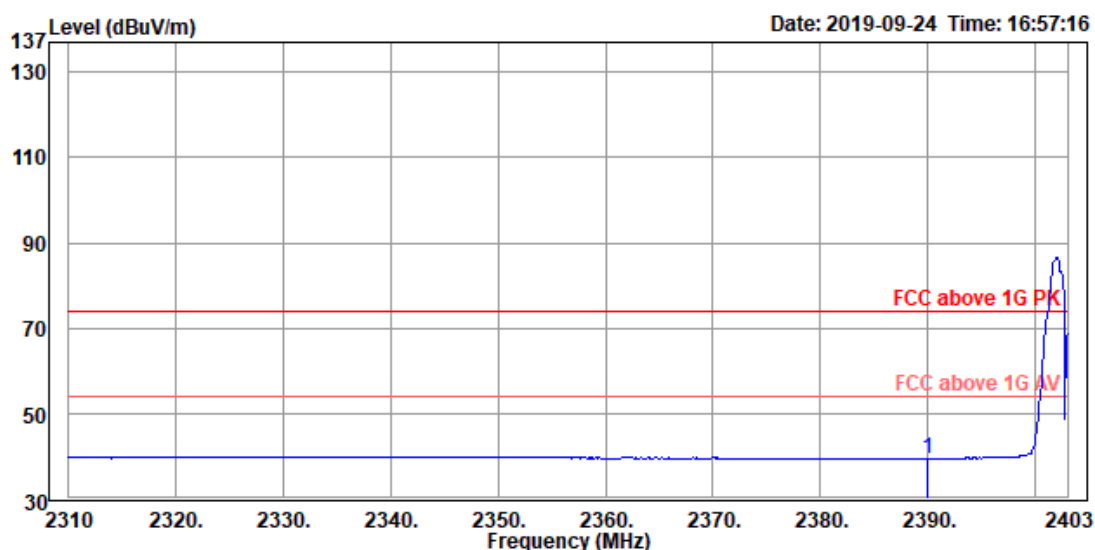


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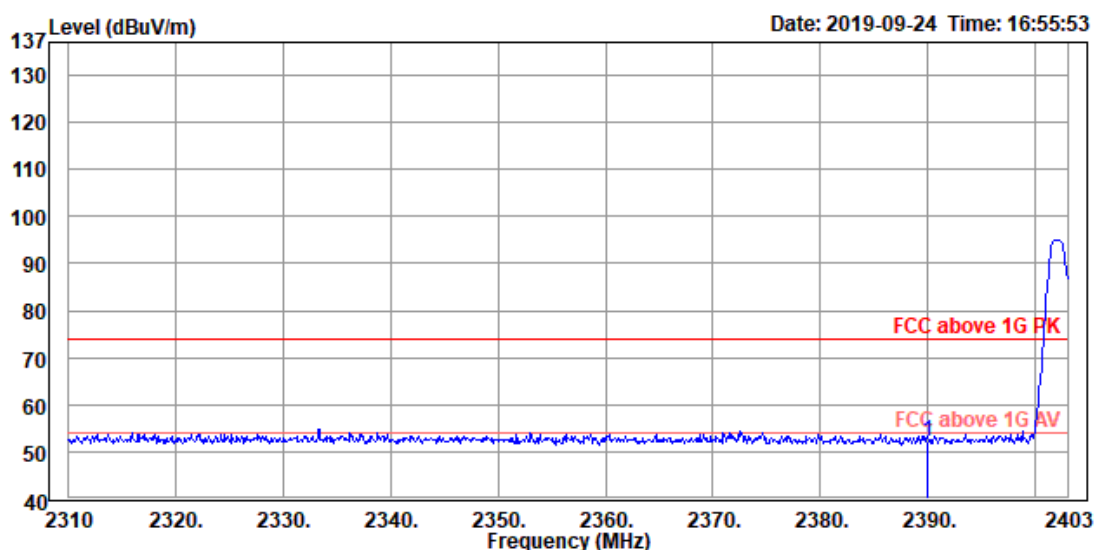
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2390.000	47.84	-8.32	39.52	54.00	-14.48	127	304	Average	



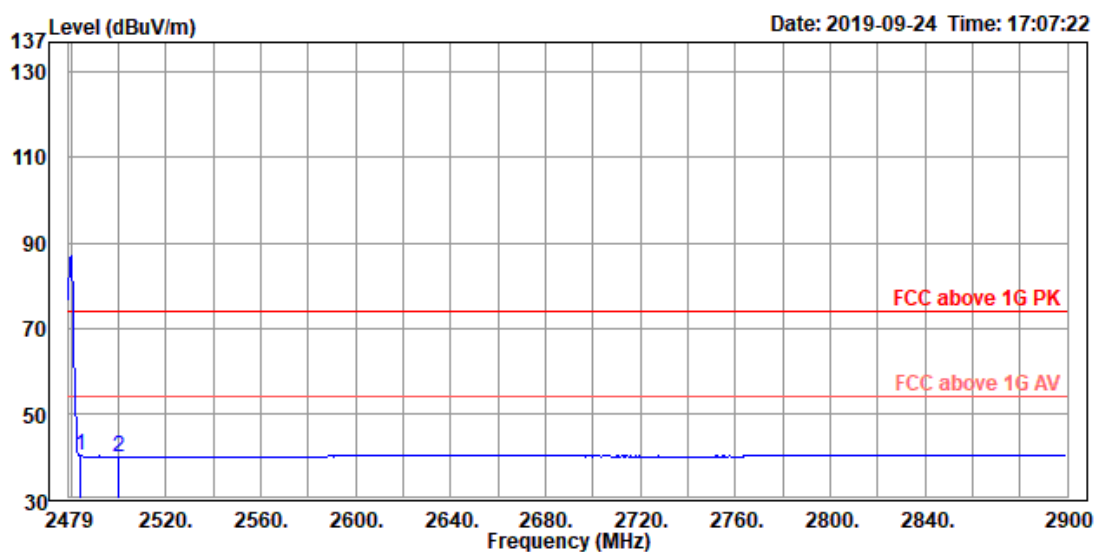
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2390.000	47.81	-8.32	39.49	54.00	-14.51	102	240	Average	



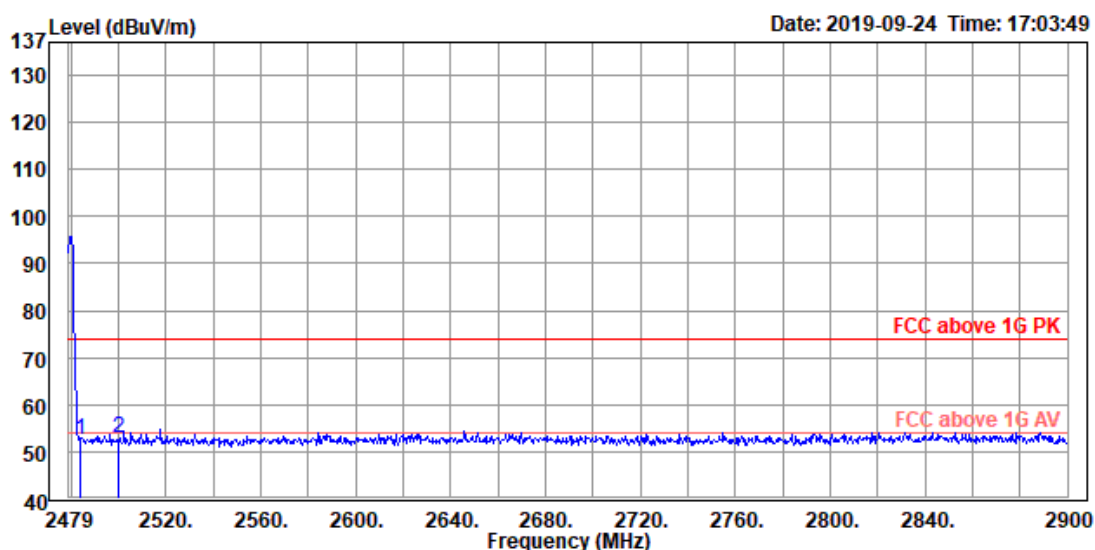
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Read			Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit			Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1 2390.000	60.59	-8.32	52.27	74.00	-21.73	102	240	Peak	



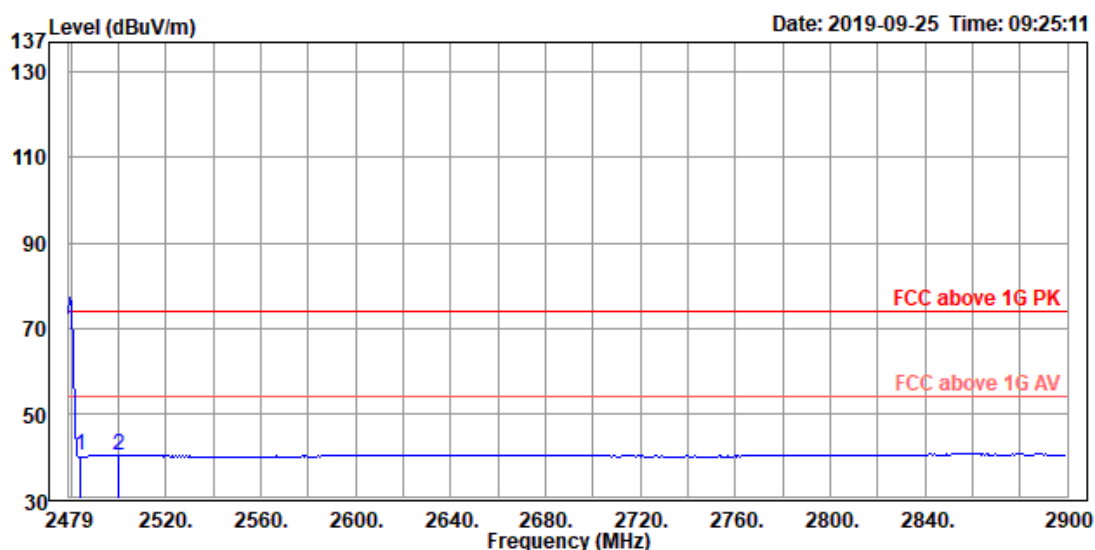
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Kevin Kuo
 Product : Bluetooth Headset
 Model No. : BHC 539
 Test Rating : 5 Vdc
 Tmp/Hum : 20°C / 51%
 Power Setting: default
 Mode : 1M-TX-2480
 Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	48.19	-8.07	40.12	54.00	-13.88	100	324	Average	
2	2500.000	47.97	-8.05	39.92	54.00	-14.08	100	324	Average	



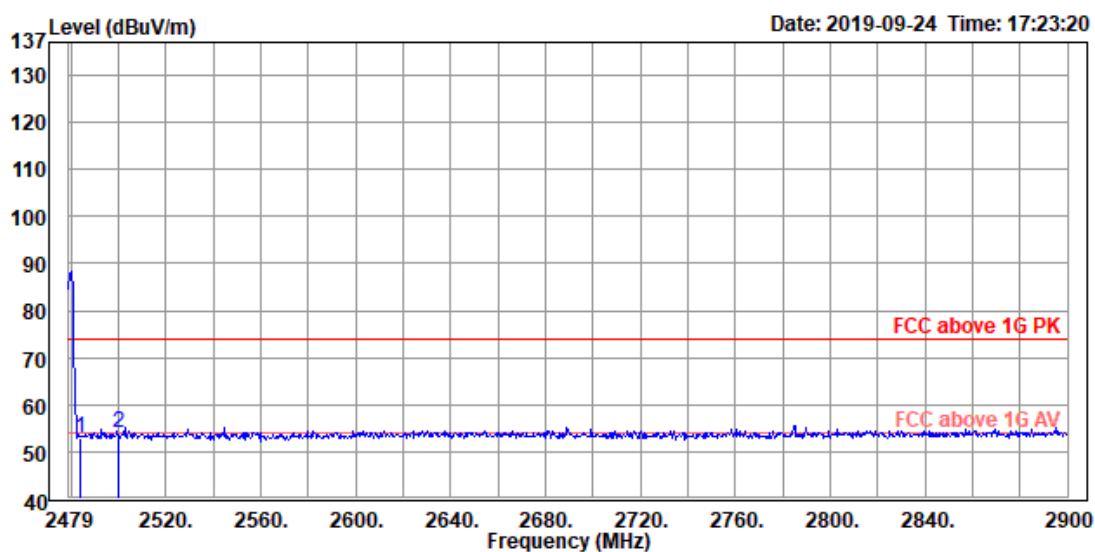
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

		Read		Limit	Over	APos	TPos		
	Freq	Level	Factor	Level	Line	Limit		Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2483.500	60.71	-8.07	52.64	74.00	-21.36	100	324	Peak
2	2500.000	60.98	-8.05	52.93	74.00	-21.07	100	324	Peak



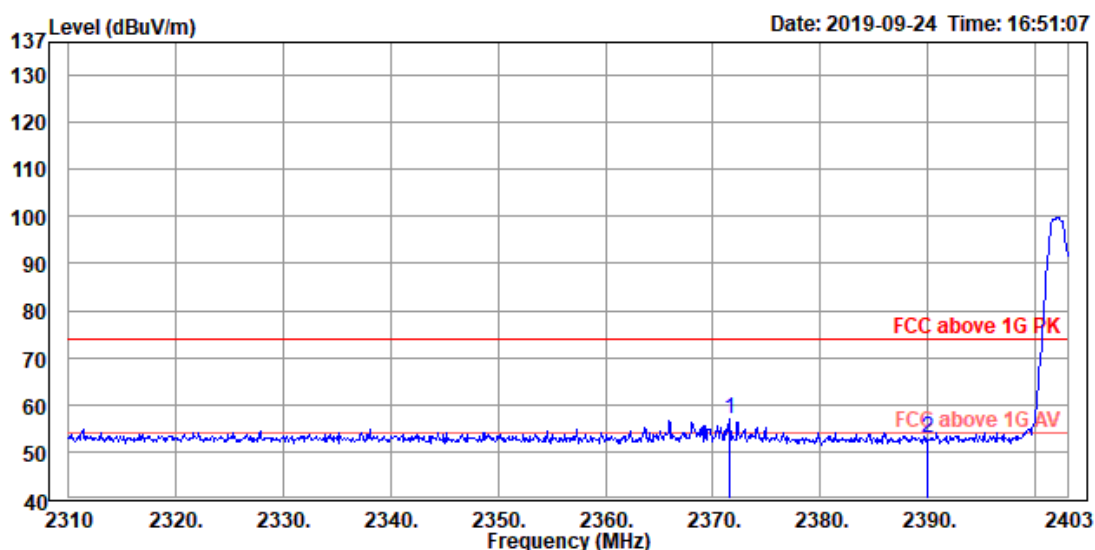
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	48.16	-8.07	40.09	54.00	-13.91	128	287	Average	
2	2500.000	48.12	-8.05	40.07	54.00	-13.93	128	287	Average	



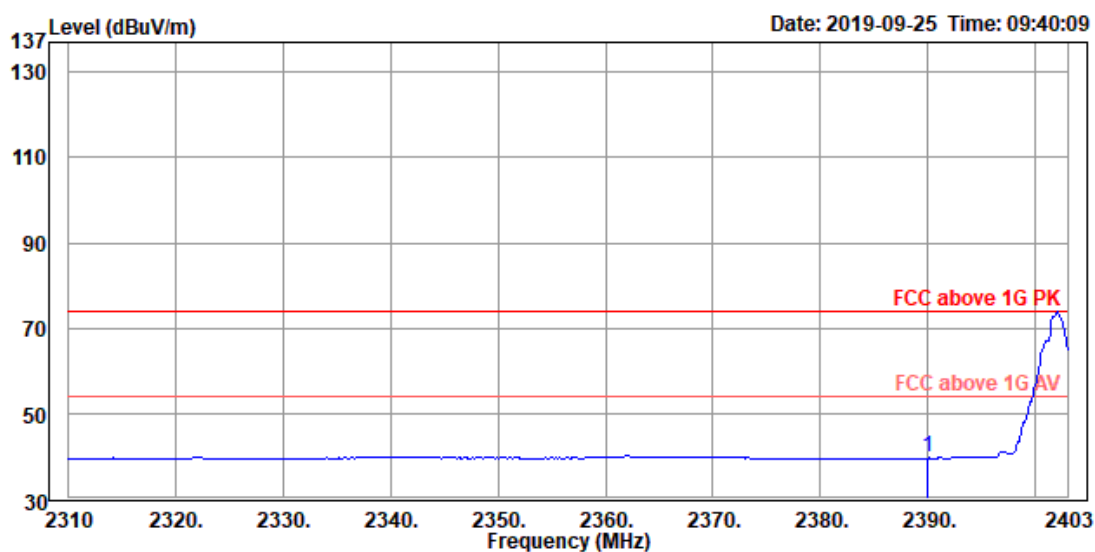
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	60.82	-8.07	52.75	74.00	-21.25	128	287	Peak	
2	2500.000	62.09	-8.05	54.04	74.00	-19.96	128	287	Peak	



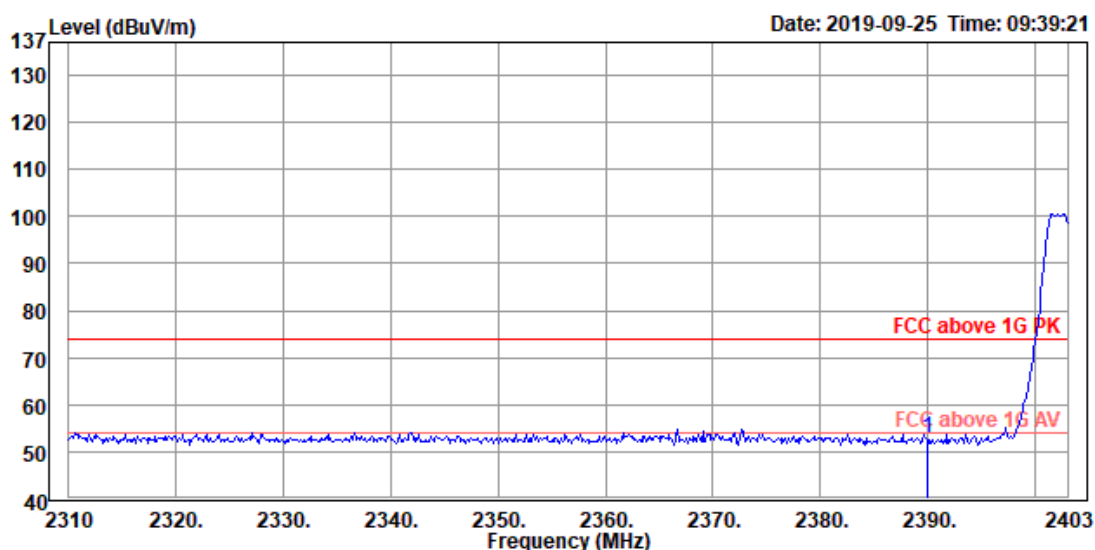
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m Horizontal
 Test Engineer: Kevin Kuo
 Product : Bluetooth Headset
 Model No. : BHC 539
 Test Rating : 5 Vdc
 Temp/Hum : 20°C / 51%
 Power Setting: default
 Mode : 1M-TX-2402
 Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2371.473	65.33	-8.32	57.01	74.00	-16.99	127	304	Peak	
2	2390.000	61.30	-8.32	52.98	74.00	-21.02	127	304	Peak	



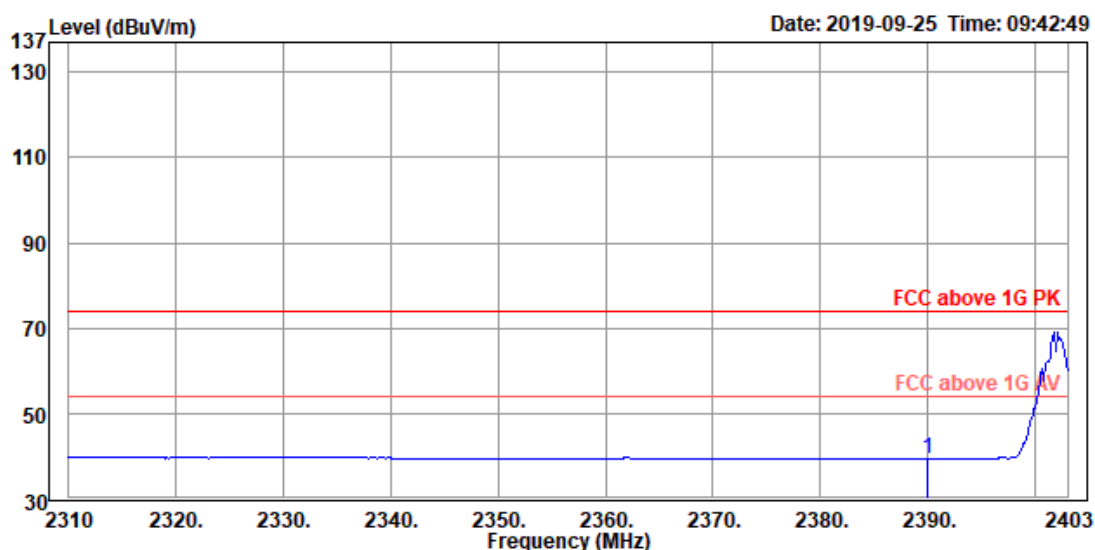
Site : 966A Chamber A
Condition : FCC above 1G PK 3m HORIZONTAL
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2390.000	47.89	-8.32	39.57	54.00	-14.43	129	335	Average	



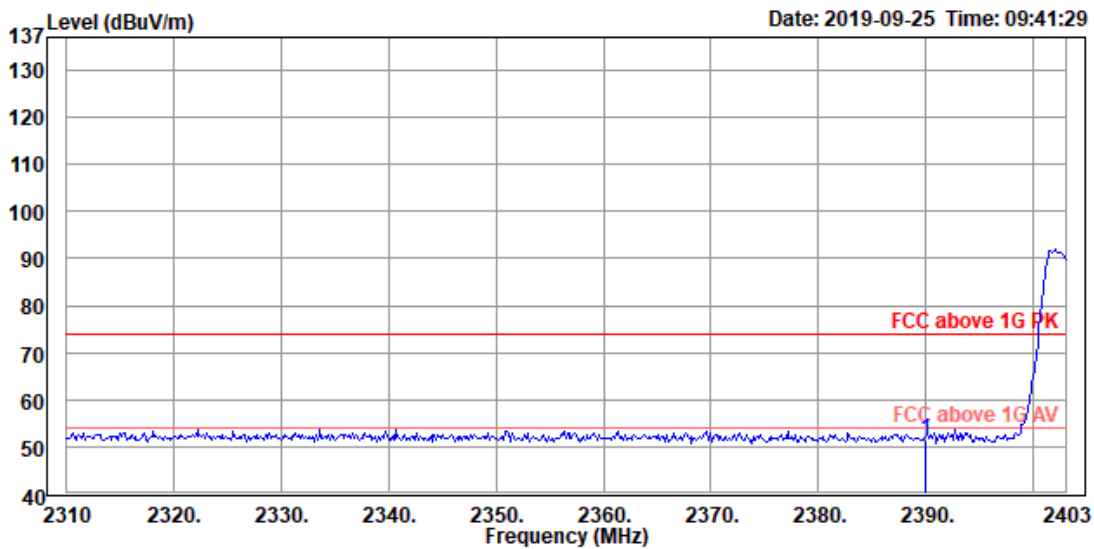
Site : 966A Chamber A
Condition : FCC above 1G PK 3m HORIZONTAL
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Read			Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit			Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1 2390.000	61.15	-8.32	52.83	74.00	-21.17	129	335	Peak	



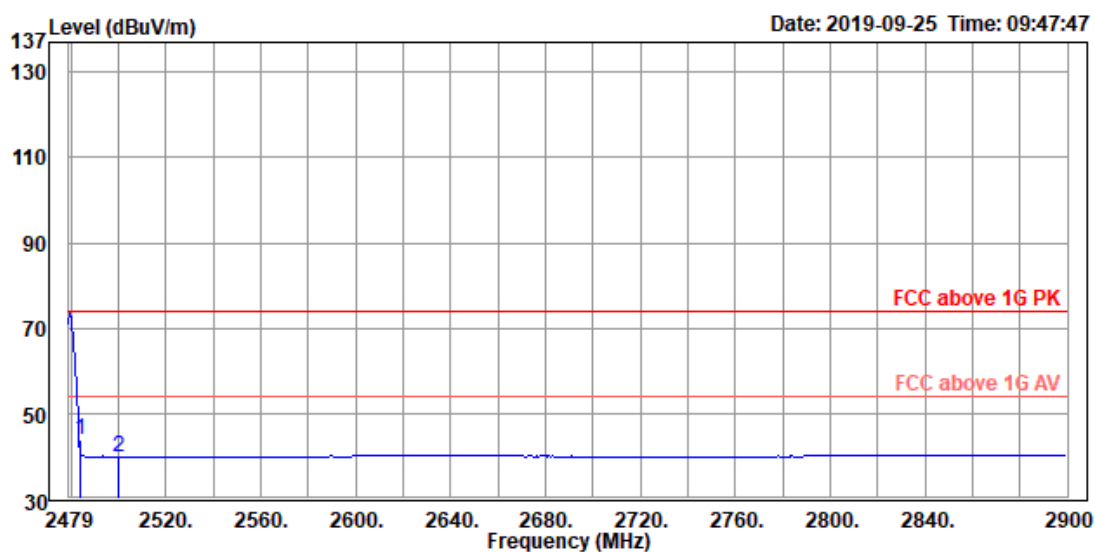
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

		Read		Limit	Over	APos	TPos		
	Freq	Level	Factor	Level	Line	Limit		Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	2390.000	47.69	-8.32	39.37	54.00	-14.63	100	338	Average



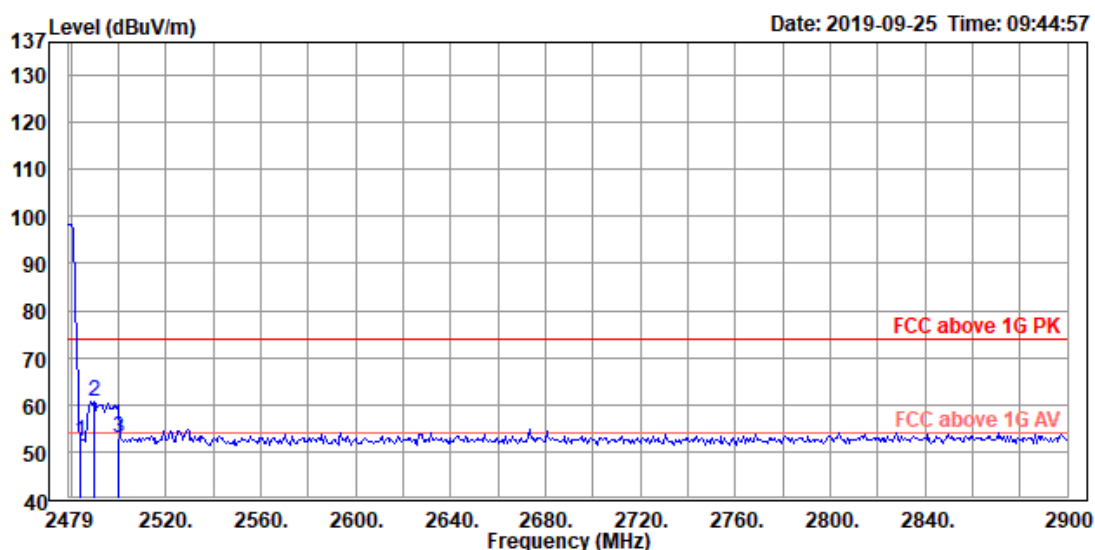
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2390.000	59.79	-8.32	51.47	74.00	-22.53	129	338	Peak	



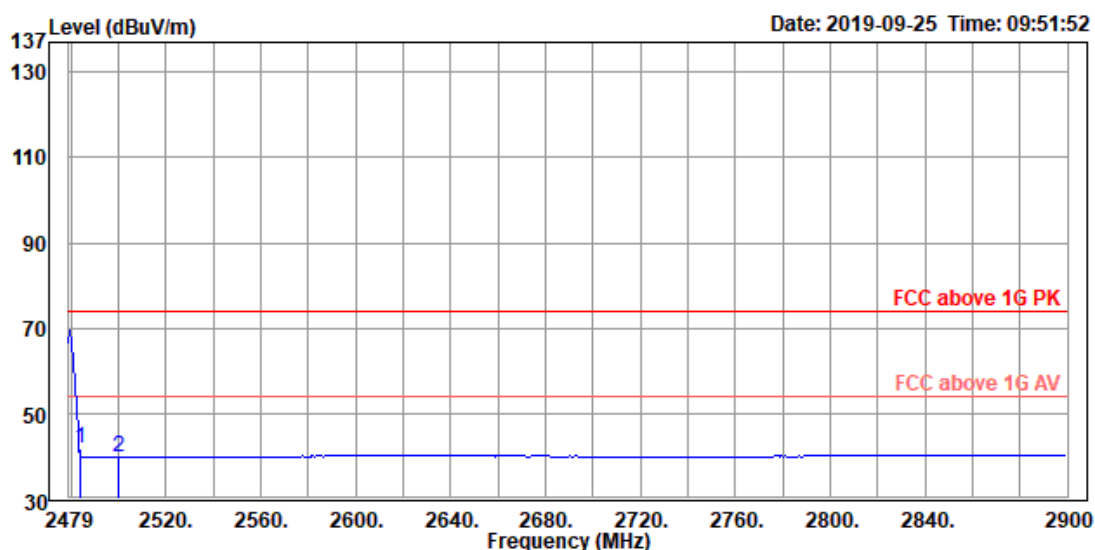
Site : 966A Chamber A
Condition : FCC above 1G PK 3m HORIZONTAL
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	51.75	-8.07	43.68	54.00	-10.32	113	332	Average	
2	2500.000	47.94	-8.05	39.89	54.00	-14.11	113	332	Average	



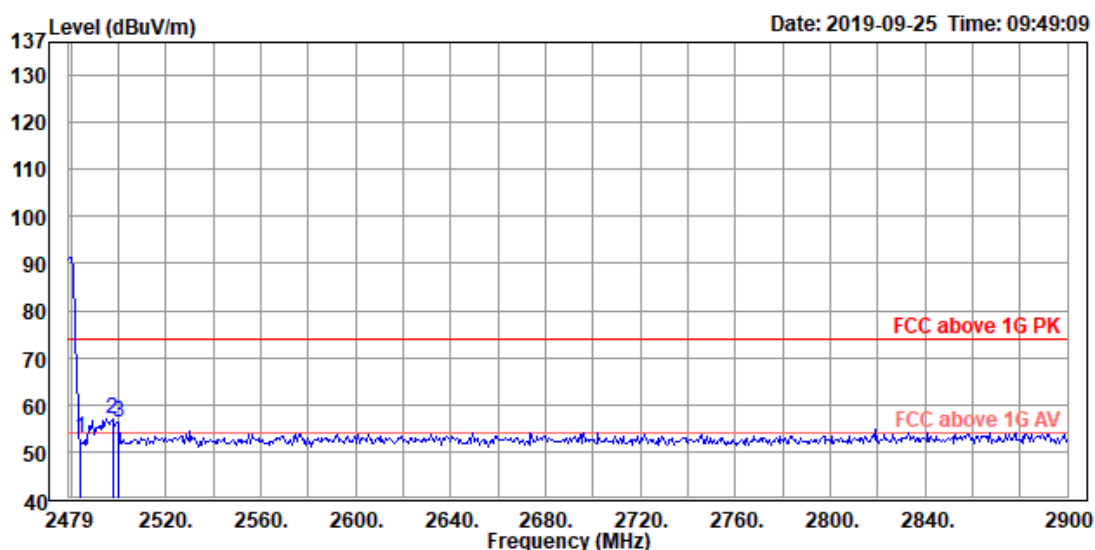
Site : 966A Chamber A
Condition : FCC above 1G PK 3m HORIZONTAL
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	60.19	-8.07	52.12	74.00	-21.88	113	332	Peak	
2	2489.373	68.71	-8.07	60.64	74.00	-13.36	113	332	Peak	
3	2500.000	60.95	-8.05	52.90	74.00	-21.10	113	332	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	50.02	-8.07	41.95	54.00	-12.05	127	234	Average	
2	2500.000	47.94	-8.05	39.89	54.00	-14.11	127	234	Average	



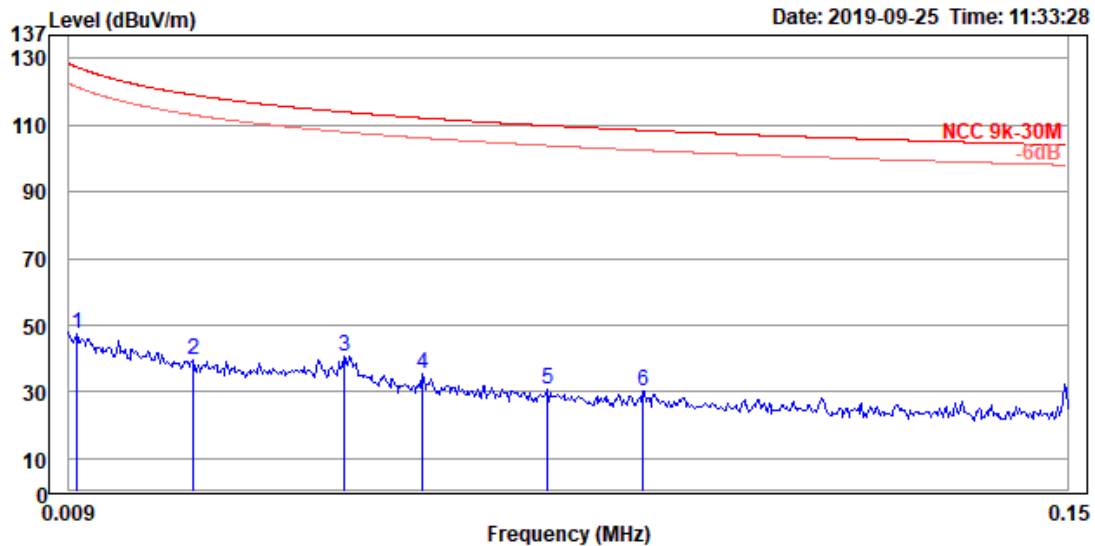
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	2483.500	61.07	-8.07	53.00	74.00	-21.00	127	234	Peak	
2	2497.304	64.98	-8.06	56.92	74.00	-17.08	127	234	Peak	
3	2500.000	64.21	-8.05	56.16	74.00	-17.84	127	234	Peak	

Spurious Emissions, TX Mode, 9kHz-30MHz

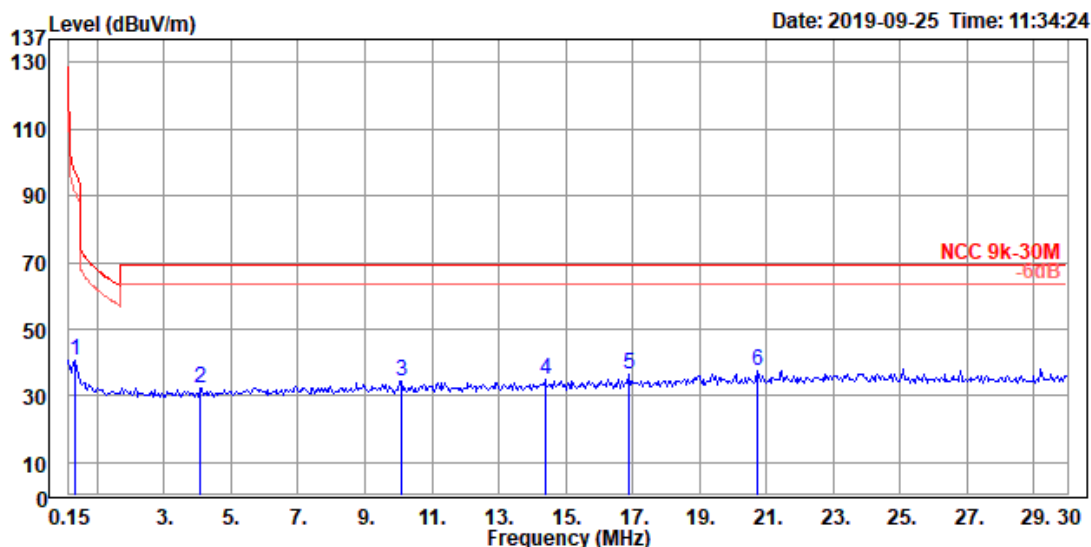


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11F., No.758, Sec. 4 Bade Road, Songshan Dist, Taipei City 105
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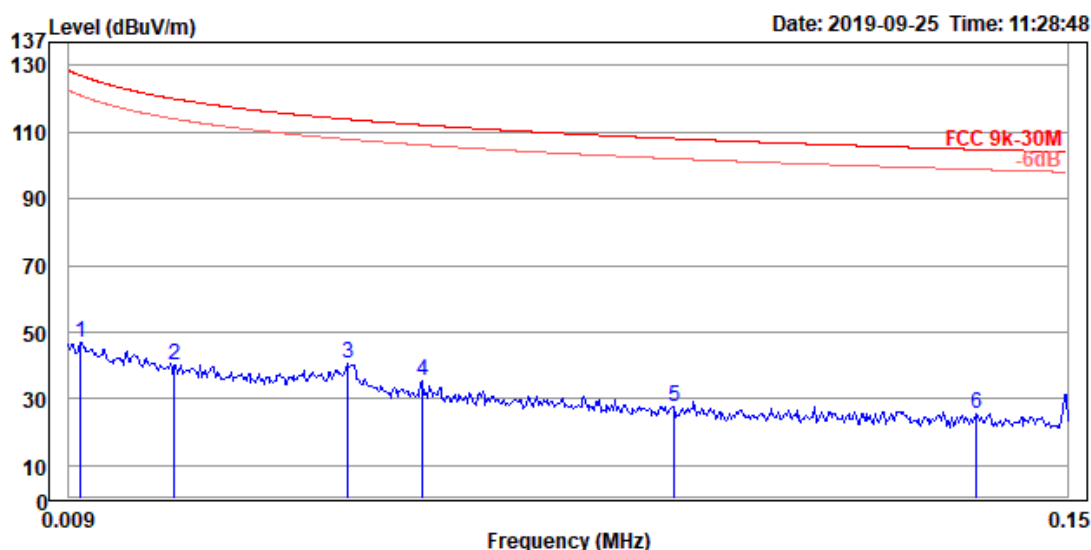
Site : 966A Chamber A
Condition : NCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-RX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.010	29.35	18.07	47.42	127.57	-80.15	100	175	QP	
2	0.027	20.91	18.83	39.74	119.10	-79.36	100	159	QP	
3	0.048	21.78	18.89	40.67	114.00	-73.33	100	331	QP	
4	0.059	16.53	18.67	35.20	112.20	-77.00	100	274	QP	
5	0.077	12.65	18.25	30.90	109.91	-79.01	100	352	QP	
6	0.090	12.17	17.94	30.11	108.50	-78.39	100	86	QP	



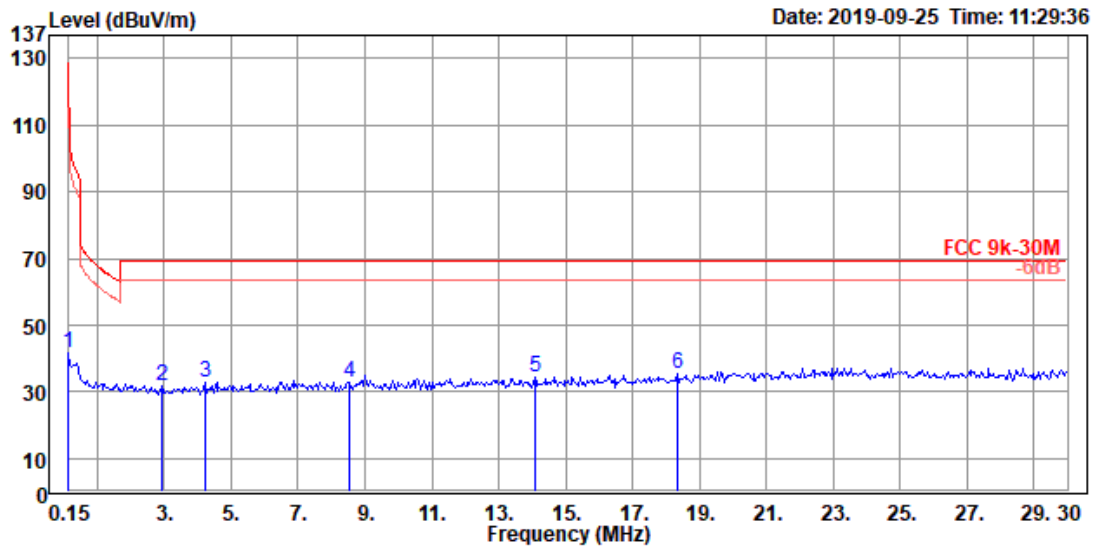
Site : 966A Chamber A
Condition : NCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-RX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.323	22.07	18.52	40.59	97.42	-56.83	100	170	QP	
2	4.087	13.49	19.00	32.49	69.50	-37.01	100	36	QP	
3	10.100	13.89	20.41	34.30	69.50	-35.20	100	57	QP	
4	14.383	13.84	20.83	34.67	69.50	-34.83	100	212	QP	
5	16.892	15.12	21.09	36.21	69.50	-33.29	100	342	QP	
6	20.742	16.28	21.43	37.71	69.50	-31.79	100	169	QP	



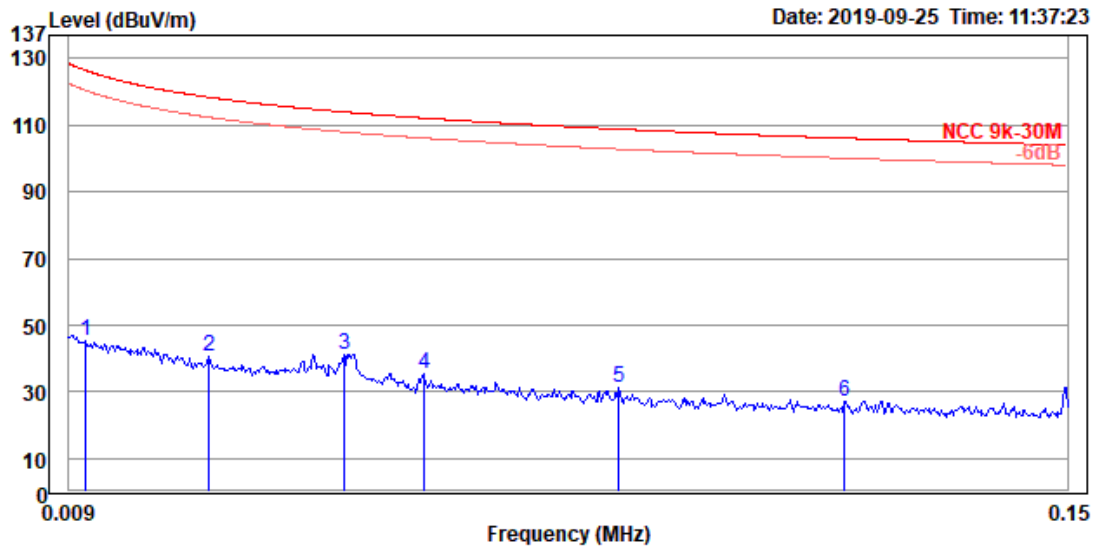
Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.011	28.57	18.10	46.67	127.05	-80.38	100	181	QP	
2	0.024	21.53	18.71	40.24	120.02	-79.78	100	226	QP	
3	0.048	21.83	18.89	40.72	113.89	-73.17	100	301	QP	
4	0.059	16.84	18.67	35.51	112.20	-76.69	100	8	QP	
5	0.094	9.61	17.83	27.44	108.10	-80.66	100	57	QP	
6	0.137	7.54	17.86	25.40	104.86	-79.46	100	239	QP	



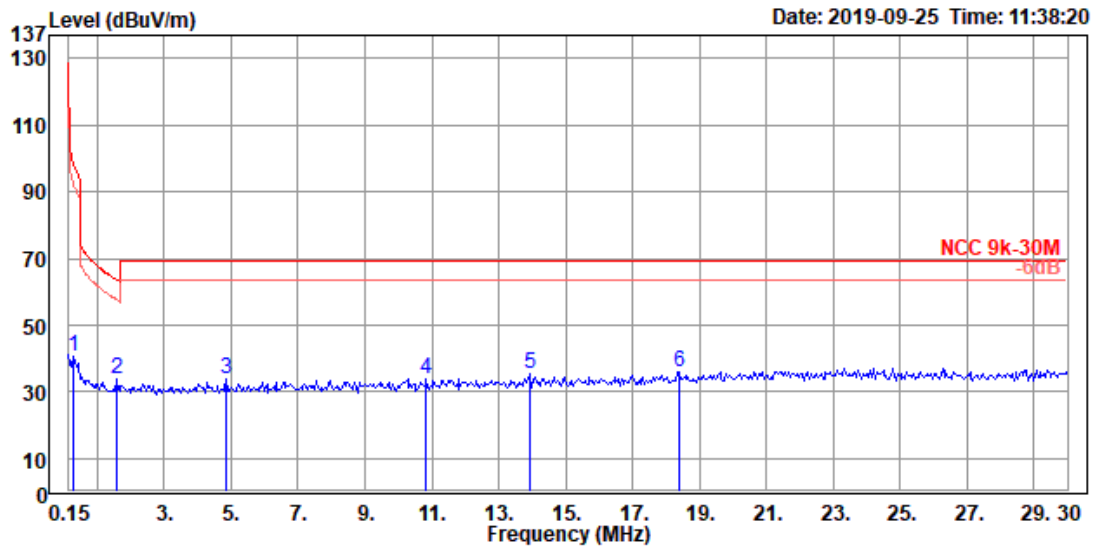
Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.150	23.84	17.91	41.75	104.08	-62.33	100	104	QP	
2	2.919	13.12	18.61	31.73	69.50	-37.77	100	36	QP	
3	4.217	14.01	19.06	33.07	69.50	-36.43	100	87	QP	
4	8.543	12.75	20.09	32.84	69.50	-36.66	100	152	QP	
5	14.080	13.64	20.81	34.45	69.50	-35.05	100	96	QP	
6	18.363	14.41	21.23	35.64	69.50	-33.86	100	237	QP	



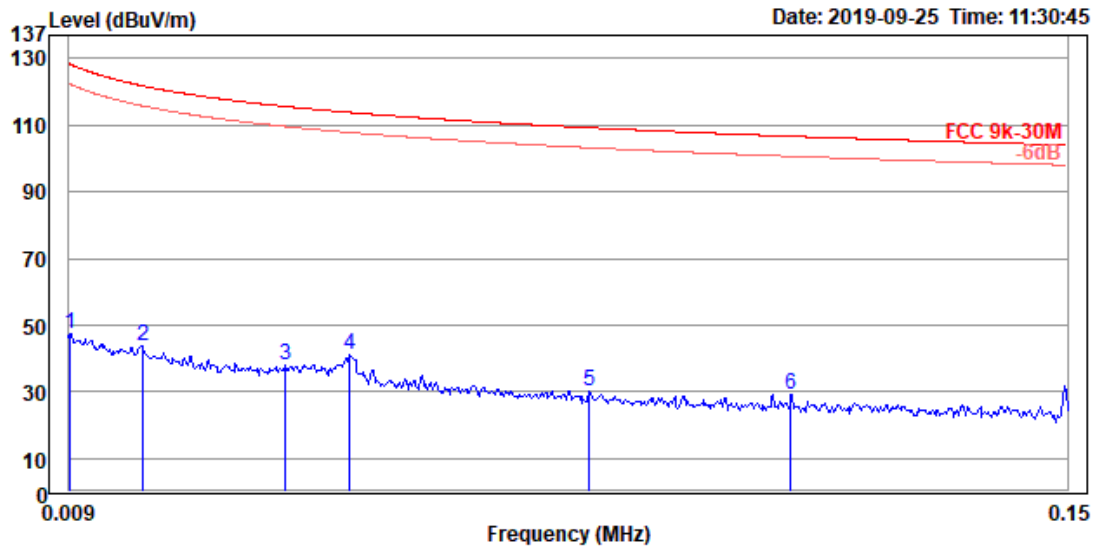
Site : 966A Chamber A
Condition : NCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-RX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.011	27.37	18.14	45.51	126.41	-80.90	100	190	QP	
2	0.029	21.48	18.93	40.41	118.40	-77.99	100	37	QP	
3	0.048	22.22	18.89	41.11	114.00	-72.89	100	263	QP	
4	0.059	16.55	18.66	35.21	112.17	-76.96	100	161	QP	
5	0.087	13.04	18.01	31.05	108.84	-77.79	100	31	QP	
6	0.119	9.50	17.77	27.27	106.12	-78.85	100	118	QP	



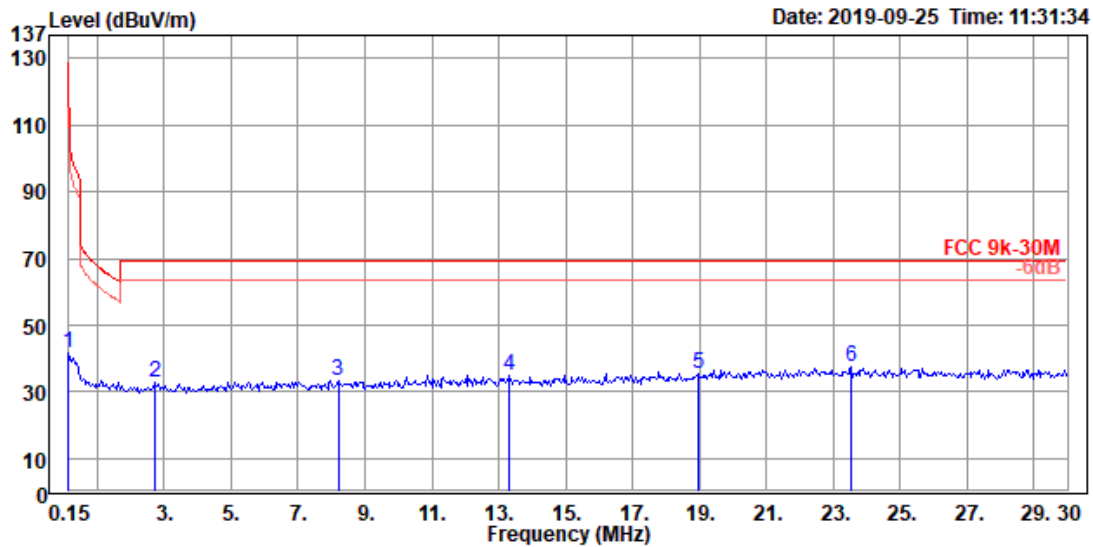
Site : 966A Chamber A
Condition : NCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-RX-2440
Memo : X(Side Stand)

		Read		Limit	Over	APos	TPos		
	Freq	Level	Factor	Level	Line	Limit		Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	0.280	22.26	18.45	40.71	98.66	-57.95	100	195	QP
2	1.578	15.16	18.65	33.81	63.67	-29.86	100	143	QP
3	4.865	14.36	19.29	33.65	69.50	-35.85	100	226	QP
4	10.835	13.24	20.49	33.73	69.50	-35.77	100	129	QP
5	13.950	14.39	20.80	35.19	69.50	-34.31	100	138	QP
6	18.406	14.65	21.24	35.89	69.50	-33.61	100	240	QP



Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.009	29.64	17.99	47.63	128.31	-80.68	100	64	QP	
2	0.019	25.36	18.50	43.86	121.82	-77.96	100	288	QP	
3	0.040	19.25	18.93	38.18	115.63	-77.45	100	151	QP	
4	0.049	22.03	18.89	40.92	113.85	-72.93	100	192	QP	
5	0.082	11.86	18.11	29.97	109.28	-79.31	100	46	QP	
6	0.111	11.45	17.74	29.19	106.69	-77.50	100	302	QP	



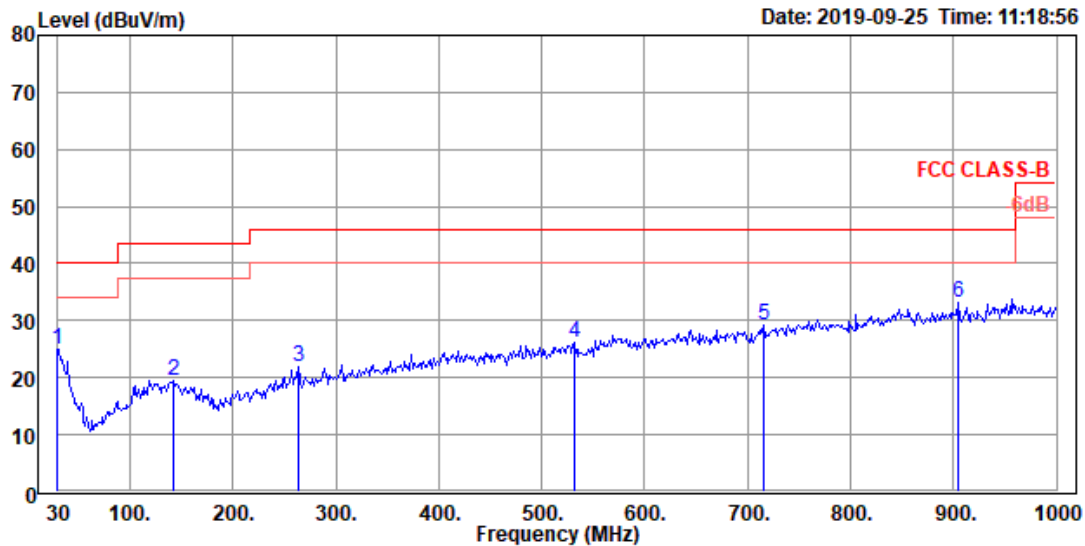
Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	0.150	23.61	17.91	41.52	104.08	-62.56	100	231	QP	
2	2.702	14.41	18.61	33.02	69.50	-36.48	100	142	QP	
3	8.197	13.12	20.02	33.14	69.50	-36.36	100	196	QP	
4	13.301	14.03	20.73	34.76	69.50	-34.74	100	157	QP	
5	18.968	14.29	21.30	35.59	69.50	-33.91	100	203	QP	
6	23.554	15.73	21.56	37.29	69.50	-32.21	100	12	QP	

Spurious Emissions, TX Mode, 30MHz-1GHz

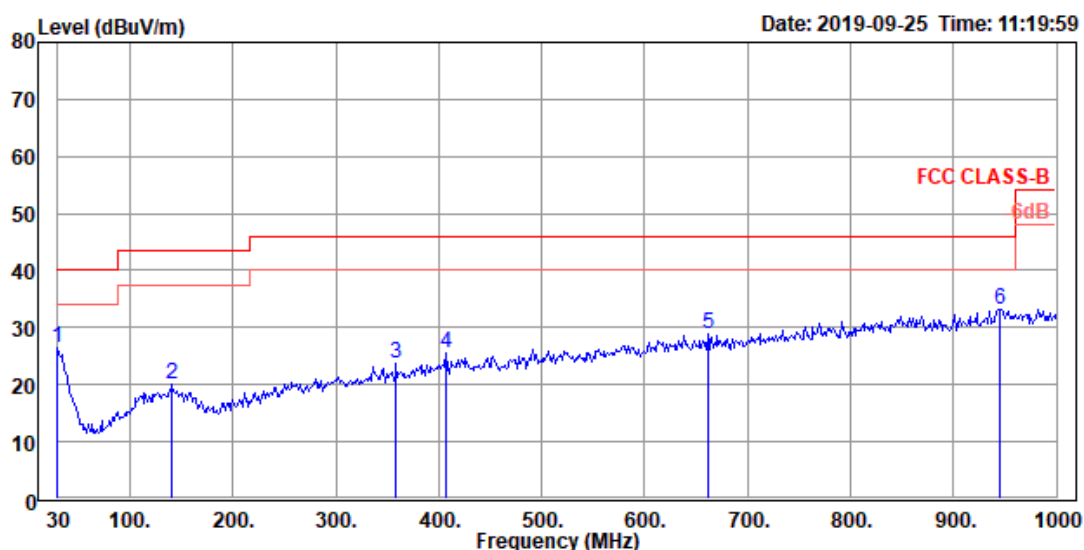


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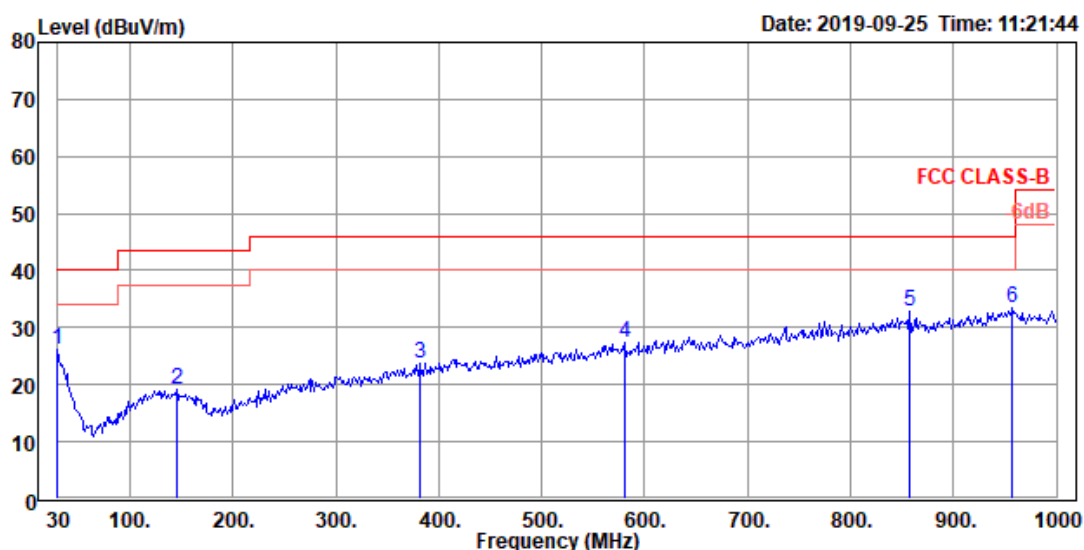
Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	30.000	26.45	-1.49	24.96	40.00	-15.04	100	245	QP	
2	142.464	27.97	-8.37	19.60	43.50	-23.90	100	344	QP	
3	263.362	28.65	-6.72	21.93	46.00	-24.07	100	311	QP	
4	531.870	28.62	-2.36	26.26	46.00	-19.74	100	35	QP	
5	716.029	29.16	0.06	29.22	46.00	-16.78	100	17	QP	
6	904.406	29.96	3.21	33.17	46.00	-12.83	100	39	QP	



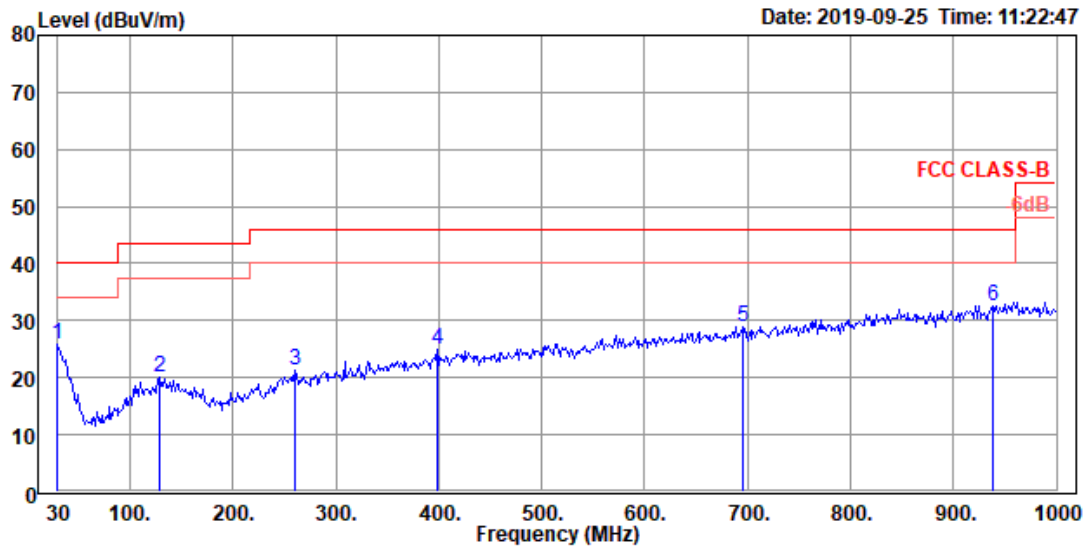
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

		Read		Limit	Over	APos	TPos		
	Freq	Level	Factor	Level	Line	Limit		Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	27.96	-1.49	26.47	40.00	-13.53	100	205 QP	
2	141.058	28.47	-8.38	20.09	43.50	-23.41	100	24 QP	
3	358.957	28.51	-4.67	23.84	46.00	-22.16	100	203 QP	
4	406.754	29.13	-3.53	25.60	46.00	-20.40	100	307 QP	
5	661.203	29.30	-0.52	28.78	46.00	-17.22	100	183 QP	
6	945.174	28.77	4.50	33.27	46.00	-12.73	100	146 QP	



Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	30.000	27.54	-1.49	26.05	40.00	-13.95	100	100	QP	
2	145.275	27.71	-8.45	19.26	43.50	-24.24	100	268	QP	
3	381.449	27.97	-4.31	23.66	46.00	-22.34	100	318	QP	
4	581.072	28.51	-1.26	27.25	46.00	-18.75	100	174	QP	
5	858.015	29.92	2.85	32.77	46.00	-13.23	100	360	QP	
6	957.826	28.87	4.73	33.60	46.00	-12.40	100	242	QP	



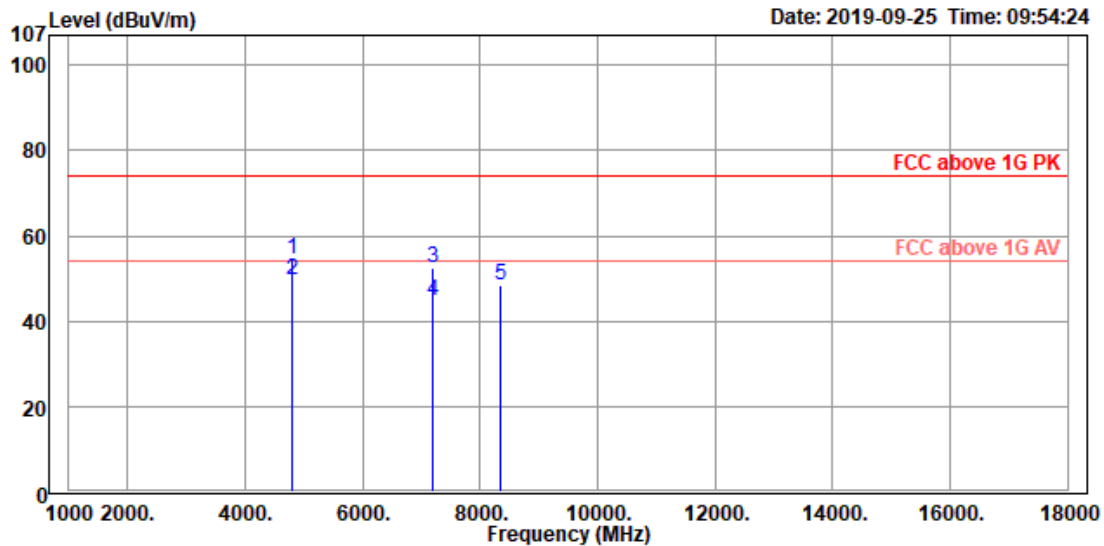
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

		Read		Limit	Over	APos	TPos		
	Freq	Level	Factor	Level	Line	Limit		Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1	30.000	27.22	-1.49	25.73	40.00	-14.27	100	278 QP	
2	128.406	28.64	-8.57	20.07	43.50	-23.43	100	332 QP	
3	260.551	27.83	-6.46	21.37	46.00	-24.63	100	61 QP	
4	398.319	28.70	-3.80	24.90	46.00	-21.10	100	280 QP	
5	694.942	29.15	-0.14	29.01	46.00	-16.99	100	360 QP	
6	938.145	28.38	4.22	32.60	46.00	-13.40	100	78 QP	

Spurious Emissions, TX Mode, 1GHz-18GHz

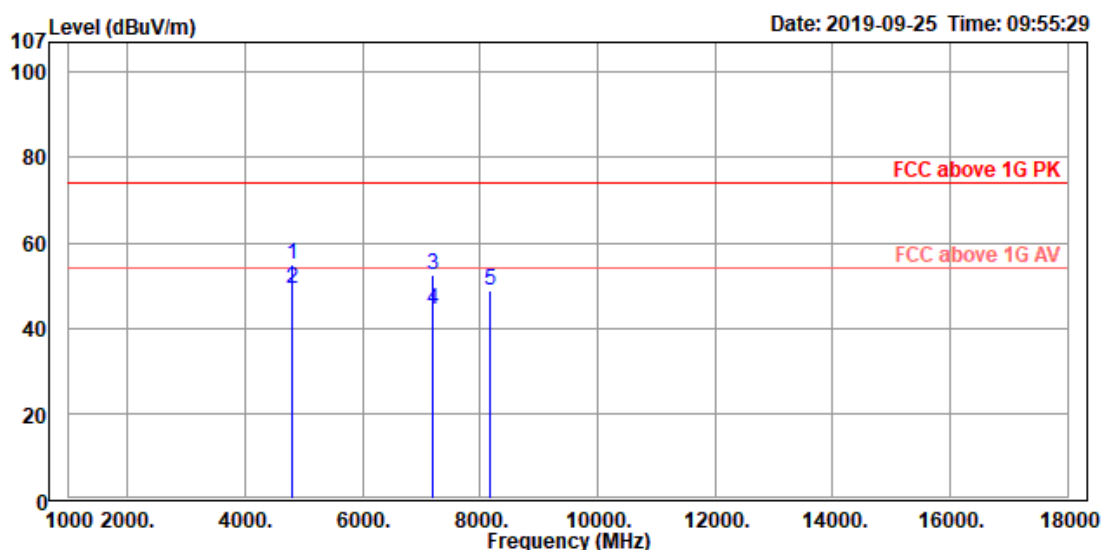


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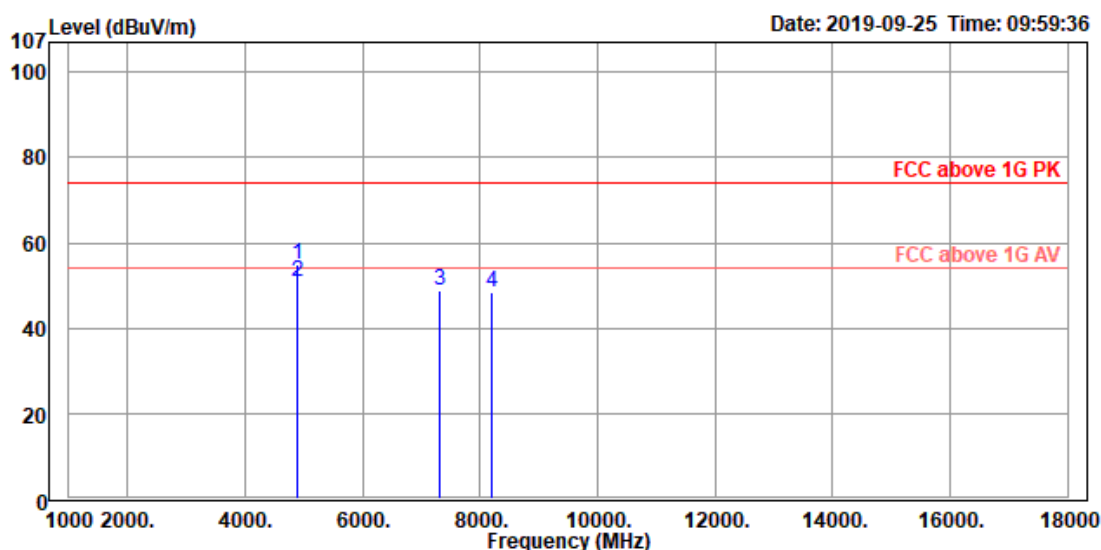
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	58.18	-3.54	54.64	74.00	-19.36	100	209	Peak	
2	4804.000	53.16	-3.54	49.62	54.00	-4.38	100	209	Average	
3	7206.000	48.23	4.33	52.56	74.00	-21.44	100	335	Peak	
4	7206.000	40.23	4.33	44.56	74.00	-29.44	100	335	Peak	
5	8342.029	43.31	5.28	48.59	74.00	-25.41	100	181	Peak	



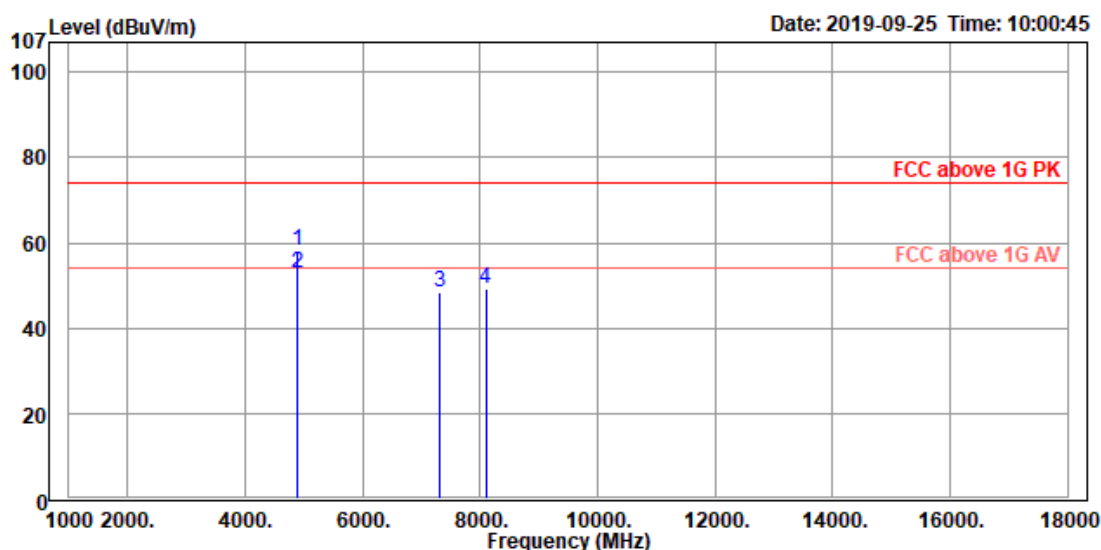
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	58.36	-3.54	54.82	74.00	-19.18	100	285	Peak	
2	4804.000	52.87	-3.54	49.33	54.00	-4.67	100	285	Average	
3	7206.000	48.12	4.33	52.45	74.00	-21.55	100	245	Peak	
4	7206.000	40.20	4.33	44.53	54.00	-9.47	100	245	Average	
5	8169.565	43.58	5.08	48.66	74.00	-25.34	100	7	Peak	



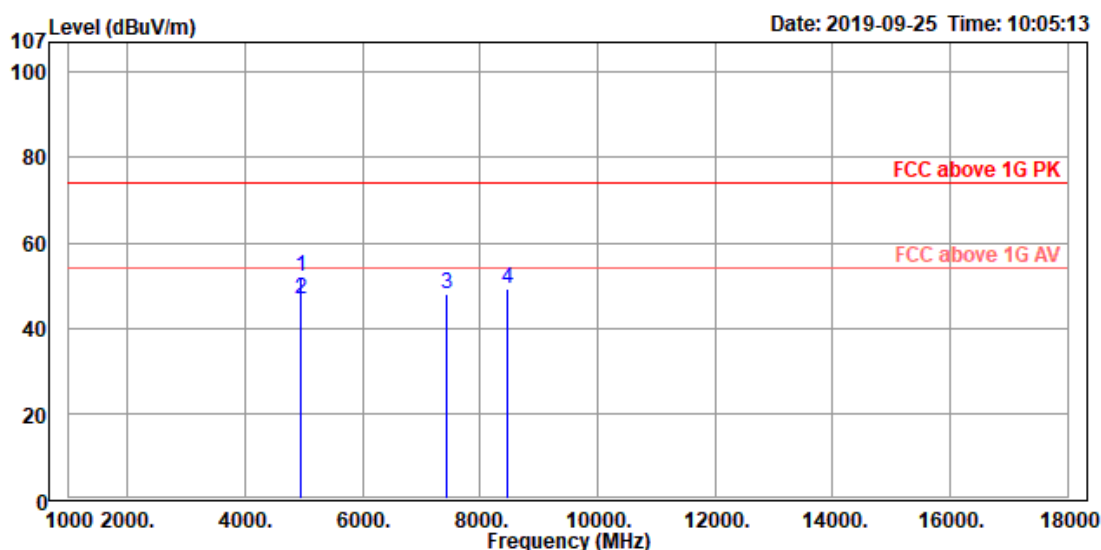
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4880.000	58.20	-3.44	54.76	74.00	-19.24	100	211	Peak	
2	4880.000	54.18	-3.44	50.74	54.00	-3.26	100	211	Average	
3	7320.000	44.44	4.57	49.01	74.00	-24.99	100	204	Peak	
4	8194.203	43.27	5.12	48.39	74.00	-25.61	100	211	Peak	



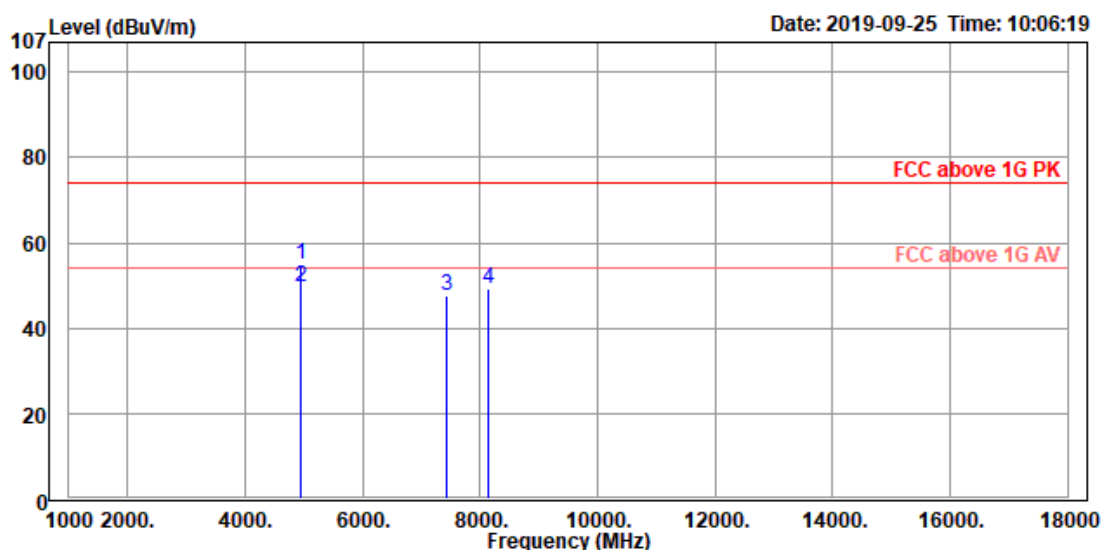
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4880.000	61.71	-3.44	58.27	74.00	-15.73	100	283	Peak	
2	4880.000	56.21	-3.44	52.77	54.00	-1.23	100	283	Average	
3	7320.000	43.69	4.57	48.26	74.00	-25.74	100	184	Peak	
4	8095.652	44.31	4.96	49.27	74.00	-24.73	100	247	Peak	



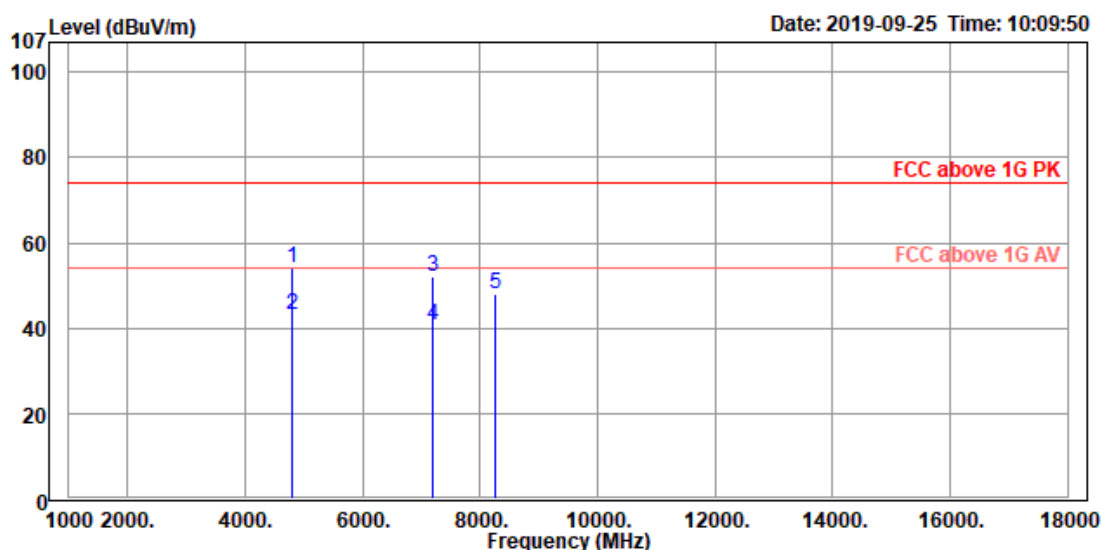
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	55.48	-3.32	52.16	74.00	-21.84	100	210	Peak	
2	4960.000	50.03	-3.32	46.71	54.00	-7.29	100	210	Average	
3	7440.000	43.12	4.90	48.02	74.00	-25.98	100	33	Peak	
4	8465.218	43.63	5.55	49.18	74.00	-24.82	100	106	Peak	



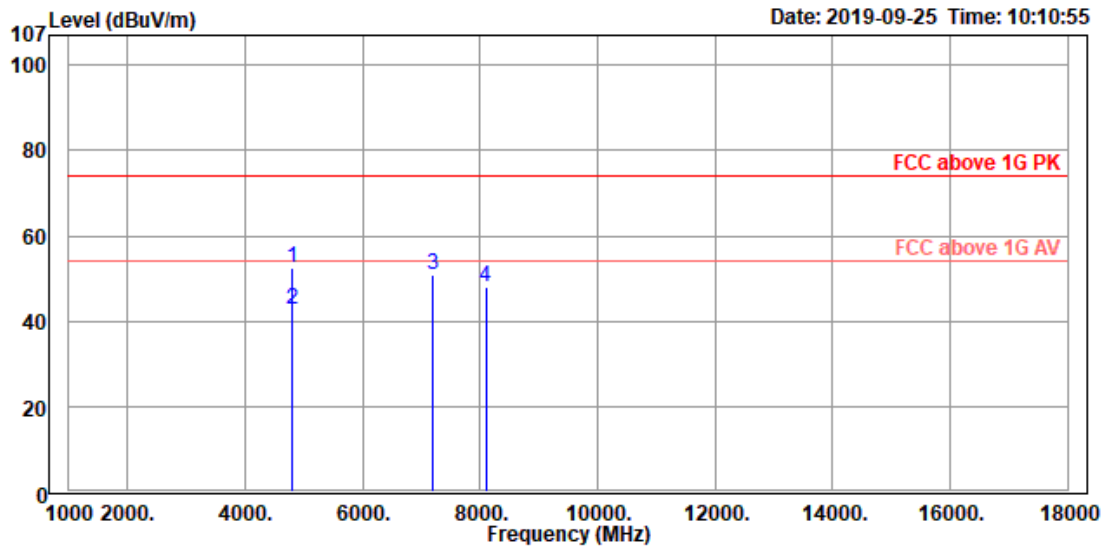
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	58.39	-3.32	55.07	74.00	-18.93	100	285	Peak	
2	4960.000	52.76	-3.32	49.44	54.00	-4.56	100	285	Average	
3	7440.000	42.87	4.90	47.77	74.00	-26.23	100	146	Peak	
4	8144.928	44.06	5.05	49.11	74.00	-24.89	100	110	Peak	



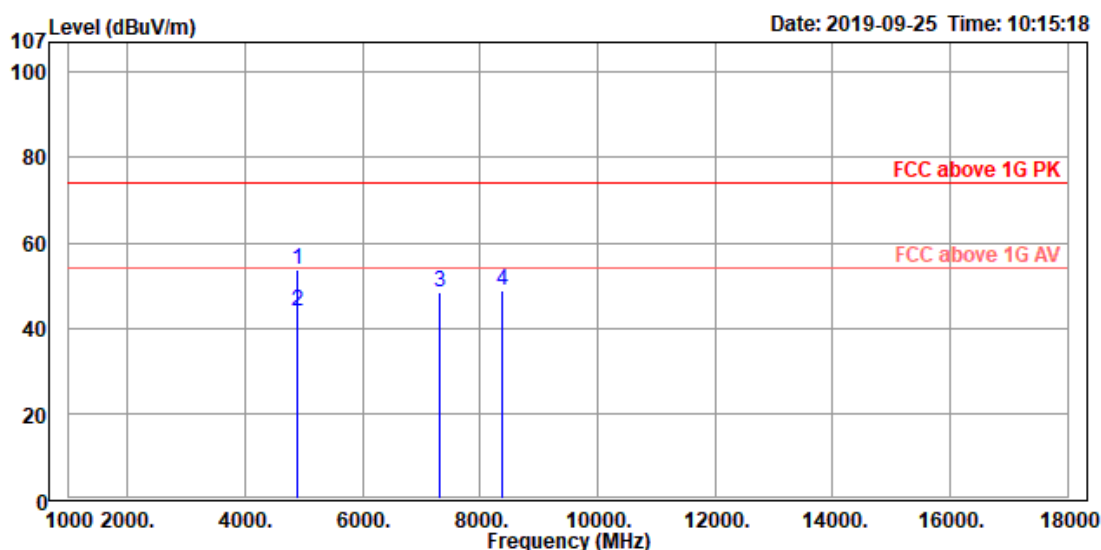
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	57.57	-3.54	54.03	74.00	-19.97	100	210	Peak	
2	4804.000	46.76	-3.54	43.22	54.00	-10.78	100	210	Average	
3	7206.000	47.78	4.33	52.11	74.00	-21.89	100	358	Peak	
4	7206.000	36.40	4.33	40.73	54.00	-13.27	100	358	Average	
5	8268.116	42.93	5.24	48.17	74.00	-25.83	100	13	Peak	



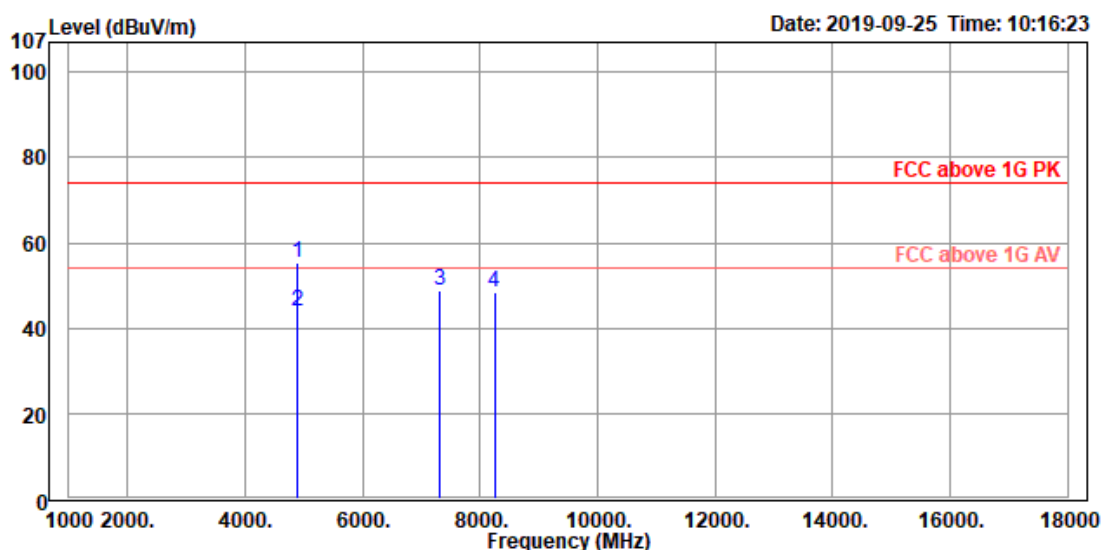
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4804.000	56.05	-3.54	52.51	74.00	-21.49	100	97	Peak	
2	4804.000	46.40	-3.54	42.86	54.00	-11.14	100	97	Average	
3	7206.000	46.65	4.33	50.98	74.00	-23.02	100	240	Peak	
4	8095.652	43.14	4.96	48.10	74.00	-25.90	100	141	Peak	



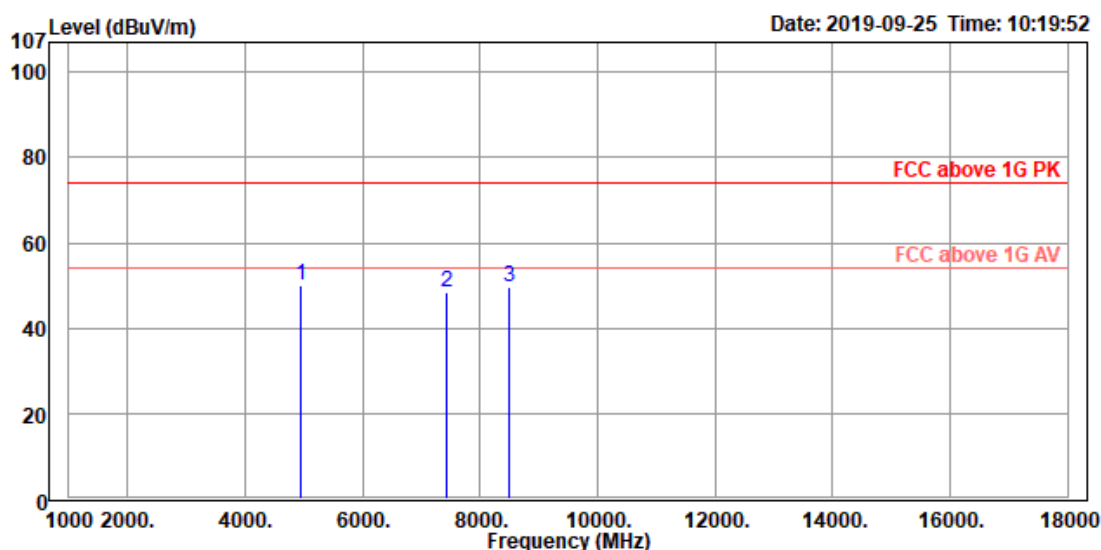
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4880.000	57.14	-3.44	53.70	74.00	-20.30	100	212	Peak	
2	4880.000	47.18	-3.44	43.74	54.00	-10.26	100	212	Average	
3	7320.000	43.79	4.57	48.36	74.00	-25.64	100	179	Peak	
4	8366.667	43.33	5.33	48.66	74.00	-25.34	100	214	Peak	



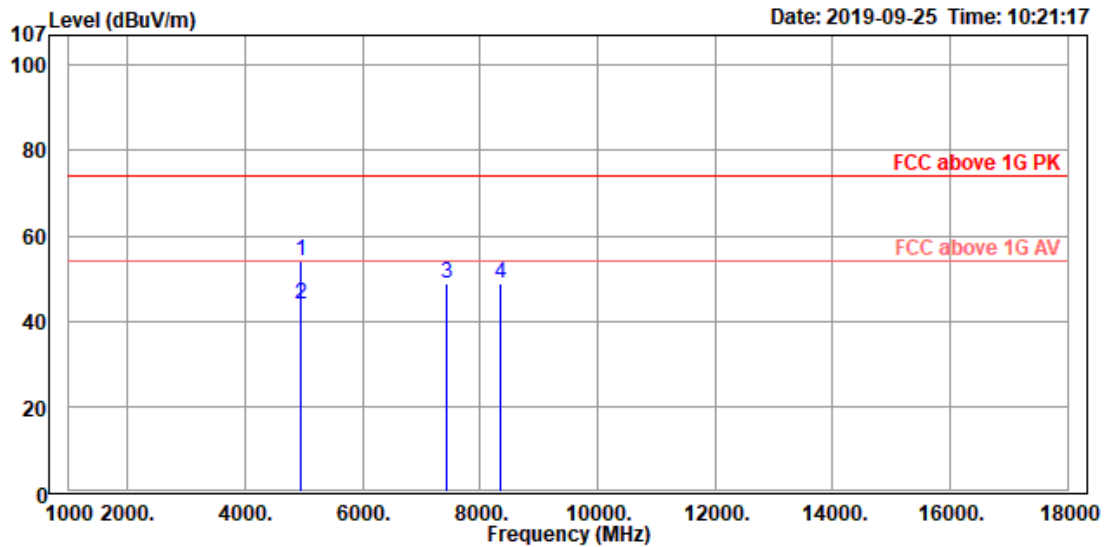
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4880.000	58.63	-3.44	55.19	74.00	-18.81	100	130	Peak	
2	4880.000	47.23	-3.44	43.79	54.00	-10.21	100	130	Average	
3	7320.000	44.22	4.57	48.79	74.00	-25.21	100	359	Peak	
4	8243.479	43.27	5.20	48.47	74.00	-25.53	100	328	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	53.21	-3.32	49.89	74.00	-24.11	100	209	Peak	
2	7440.000	43.33	4.90	48.23	74.00	-25.77	100	324	Peak	
3	8489.855	43.92	5.60	49.52	74.00	-24.48	100	134	Peak	



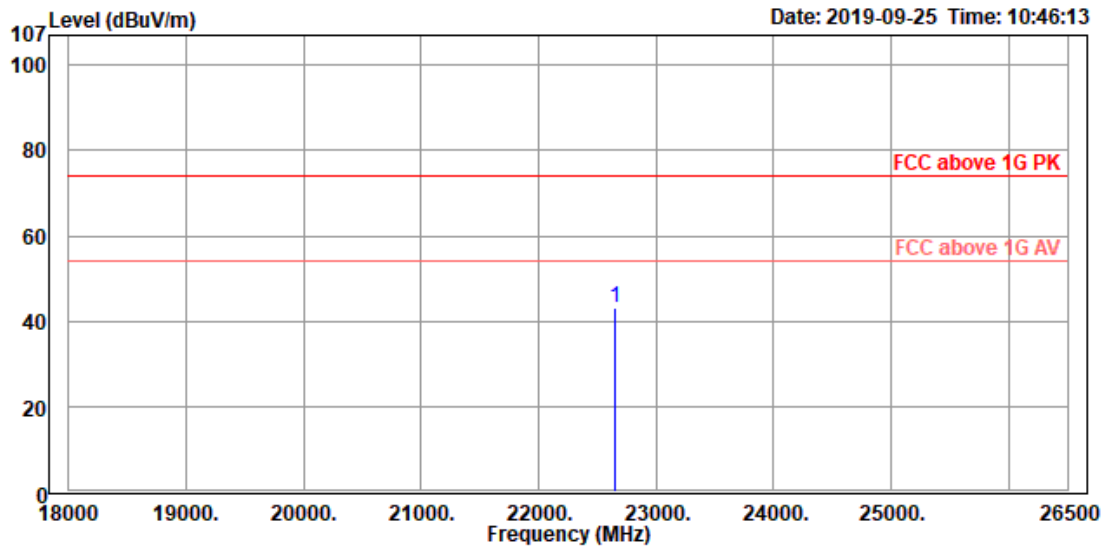
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	4960.000	57.62	-3.32	54.30	74.00	-19.70	100	280	Peak	
2	4960.000	47.22	-3.32	43.90	54.00	-10.10	100	280	Average	
3	7440.000	43.91	4.90	48.81	74.00	-25.19	100	130	Peak	
4	8342.029	43.72	5.28	49.00	74.00	-25.00	100	134	Peak	

Spurious Emissions, TX Mode, 18GHz-26.5GHz

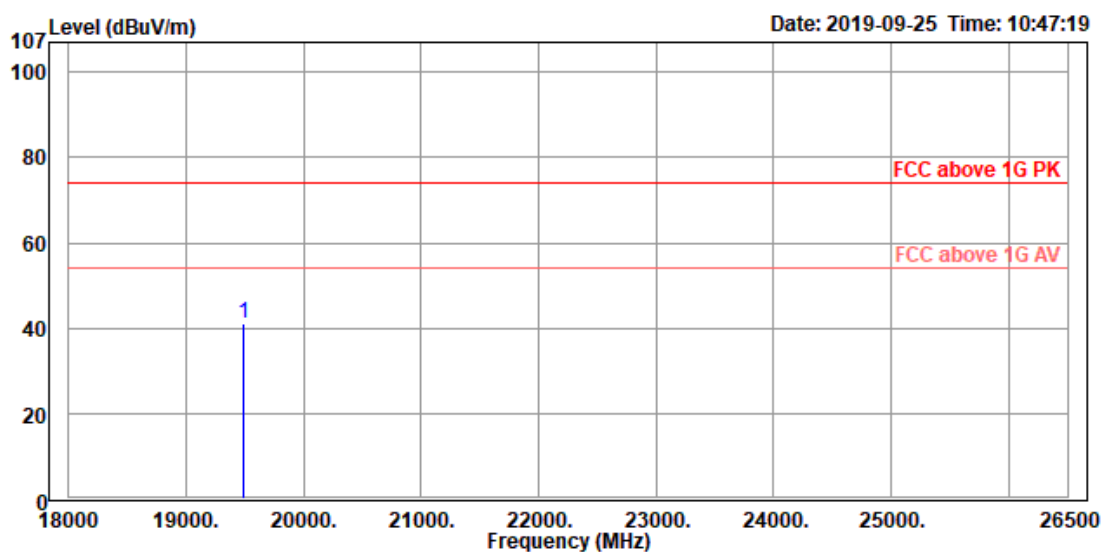


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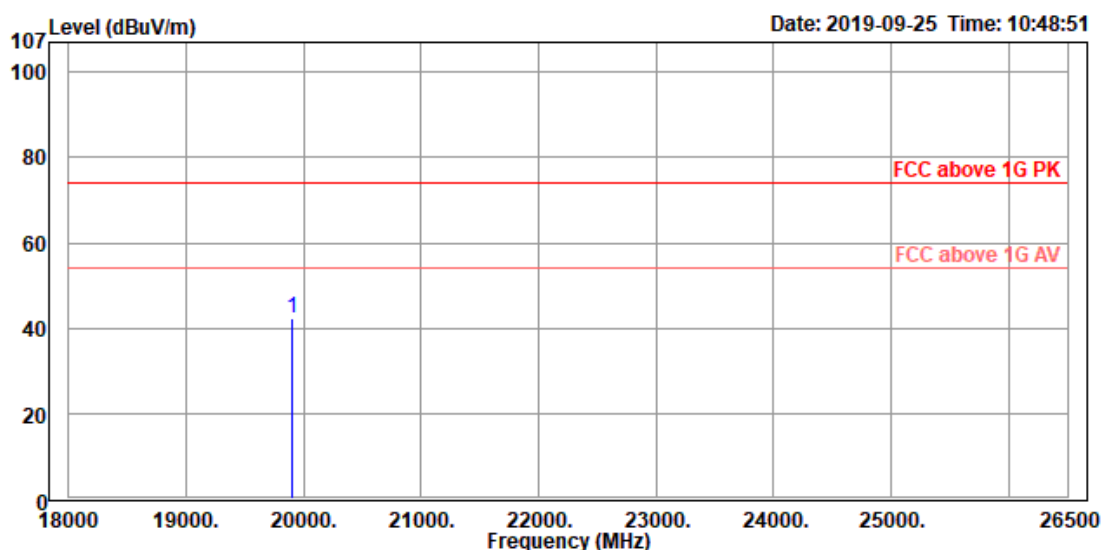
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Read		Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit		Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 22644.200	43.00	0.04	43.04	74.00	-30.96	100	0 Peak	



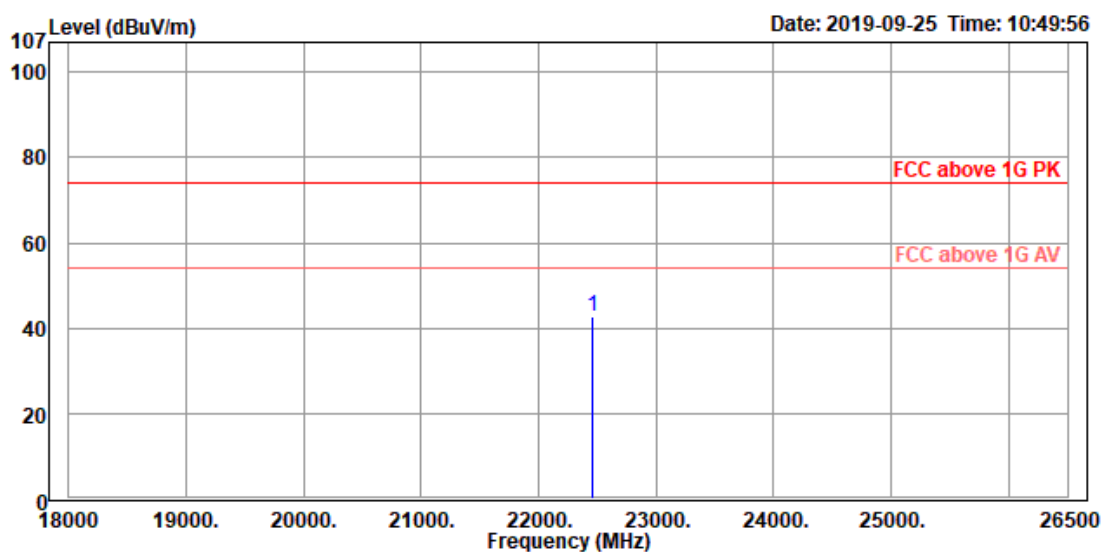
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2402
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	19490.580	43.67	-2.58	41.09	74.00	-32.91	100	139	Peak	



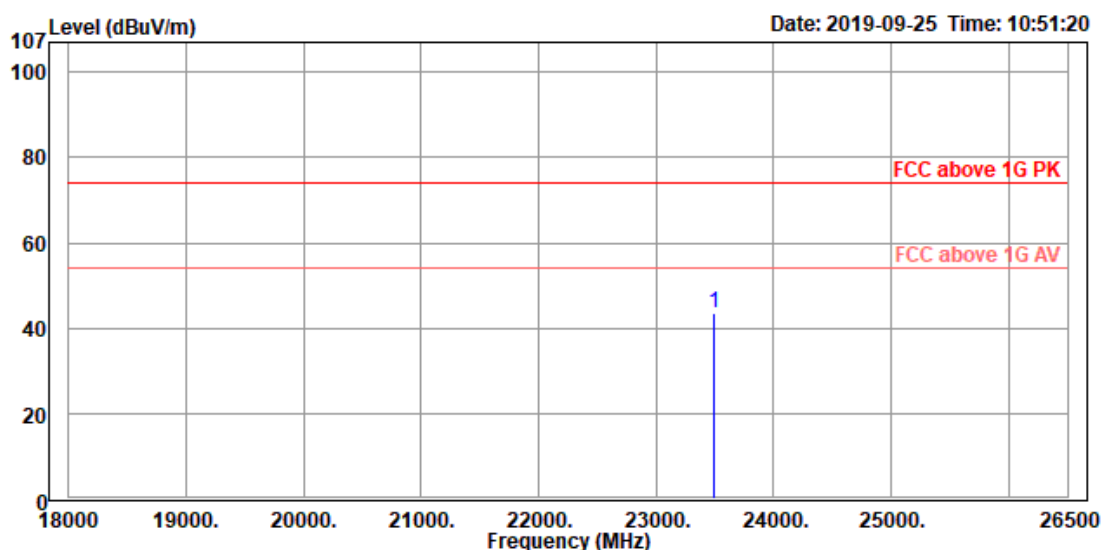
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	19897.100	44.15	-2.00	42.15	74.00	-31.85	100	0	Peak	



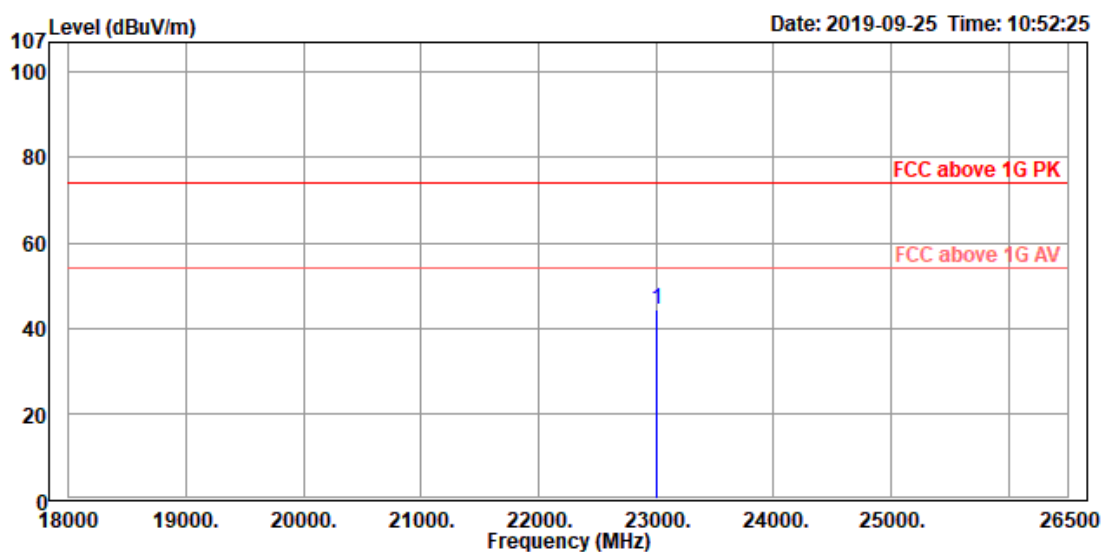
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	22459.420	42.72	-0.17	42.55	74.00	-31.45	100	97	Peak	



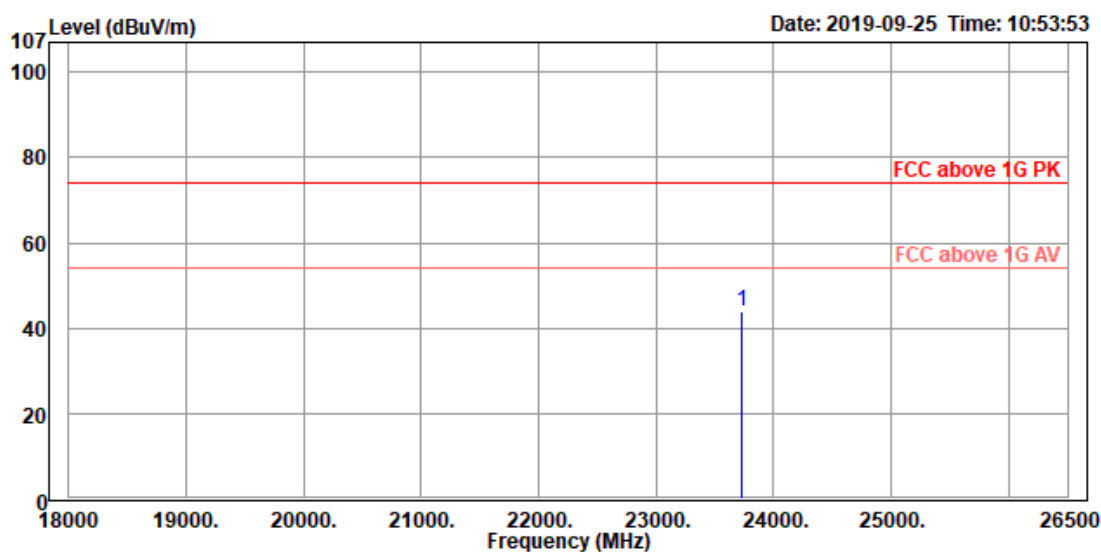
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Read			Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit			Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1 23494.200	42.50	1.06	43.56	74.00	-30.44	100	339	Peak	



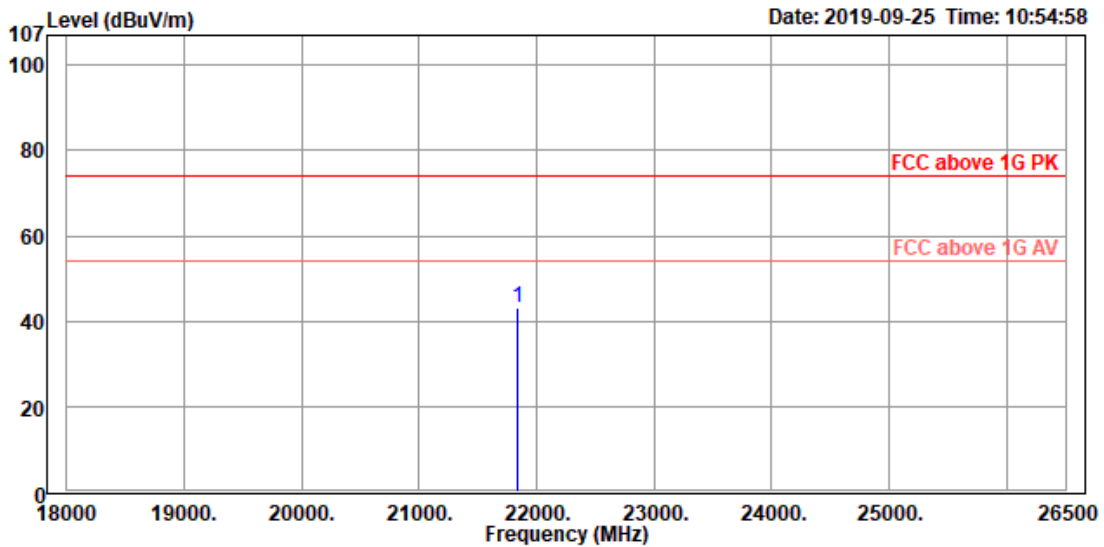
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 1M-TX-2480
Memo : X(Side Stand)

	Read		Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit		Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg	
1 23001.450	43.59	0.70	44.29	74.00	-29.71	100	360	Peak



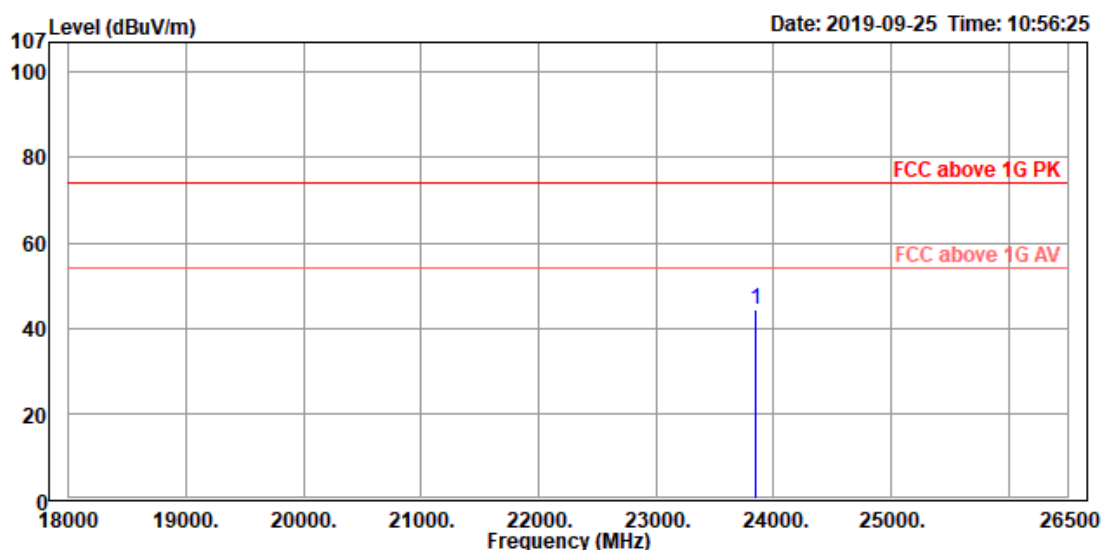
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2402
Memo : X(Side Stand)

	Read			Limit	Over	APos	TPos		
Freq	Level	Factor	Level	Line	Limit			Remark	Note
MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1 23728.260	42.78	1.20	43.98	74.00	-30.02	100	0	Peak	



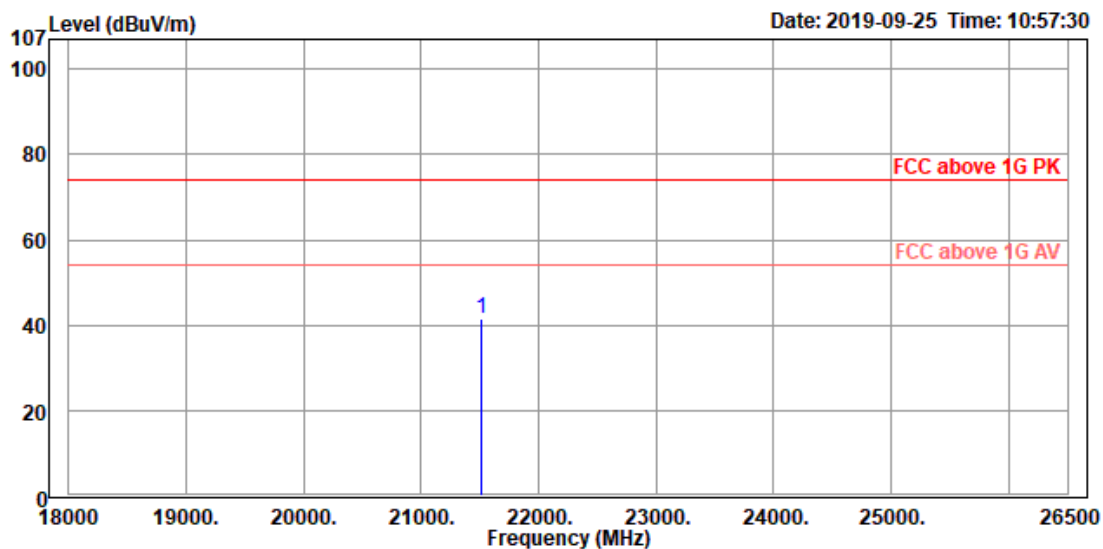
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m vertical
 Test Engineer: Kevin Kuo
 Product : Bluetooth Headset
 Model No. : BHC 539
 Test Rating : 5 Vdc
 Tmp/Hum : 20°C / 51%
 Power Setting: default
 Mode : 2M-TX-2402
 Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	21831.160	43.39	-0.46	42.93	74.00	-31.07	100	175	Peak	



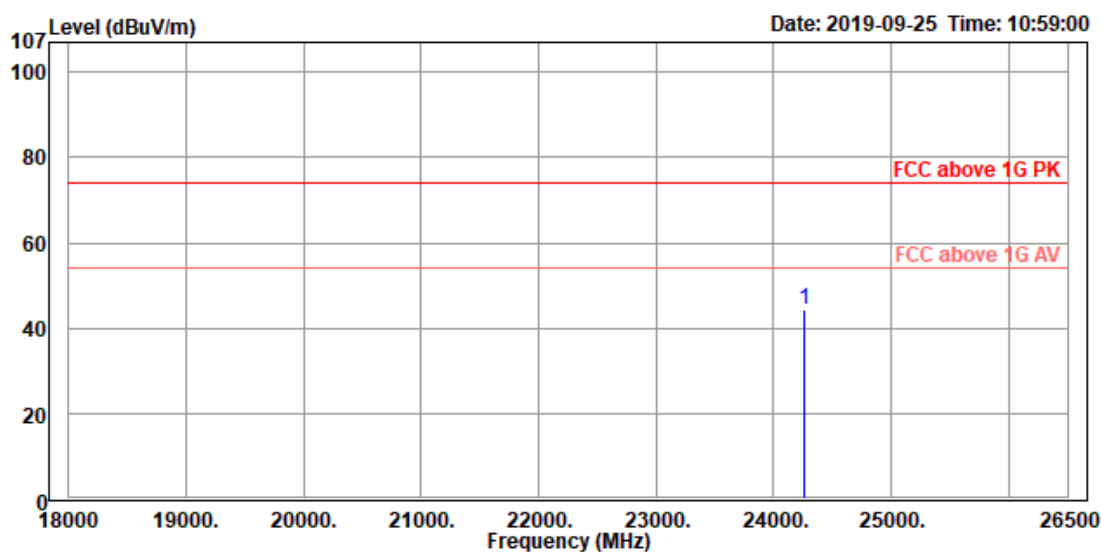
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	23851.450	43.09	1.30	44.39	74.00	-29.61	100	345	Peak	



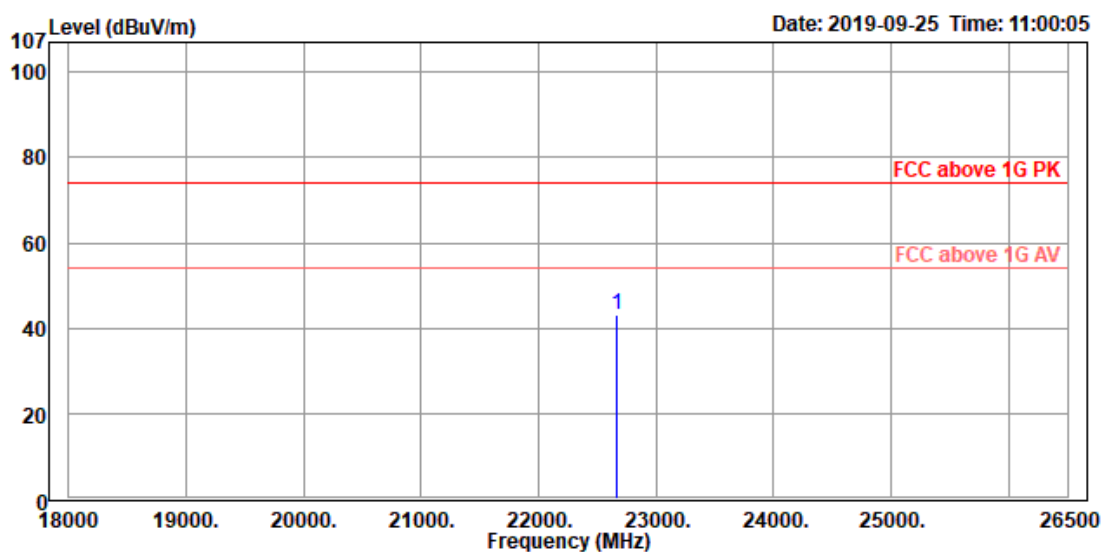
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2440
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	21510.870	42.08	-0.50	41.58	74.00	-32.42	100	70	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	24257.970	43.10	1.35	44.45	74.00	-29.55	100	175	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Bluetooth Headset
Model No. : BHC 539
Test Rating : 5 Vdc
Tmp/Hum : 20°C / 51%
Power Setting: default
Mode : 2M-TX-2480
Memo : X(Side Stand)

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	cm	deg		
1	22668.840	43.12	0.08	43.20	74.00	-30.80	100	120	Peak	

