

Test Report No.50345024 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50345024 001 Appendix D)

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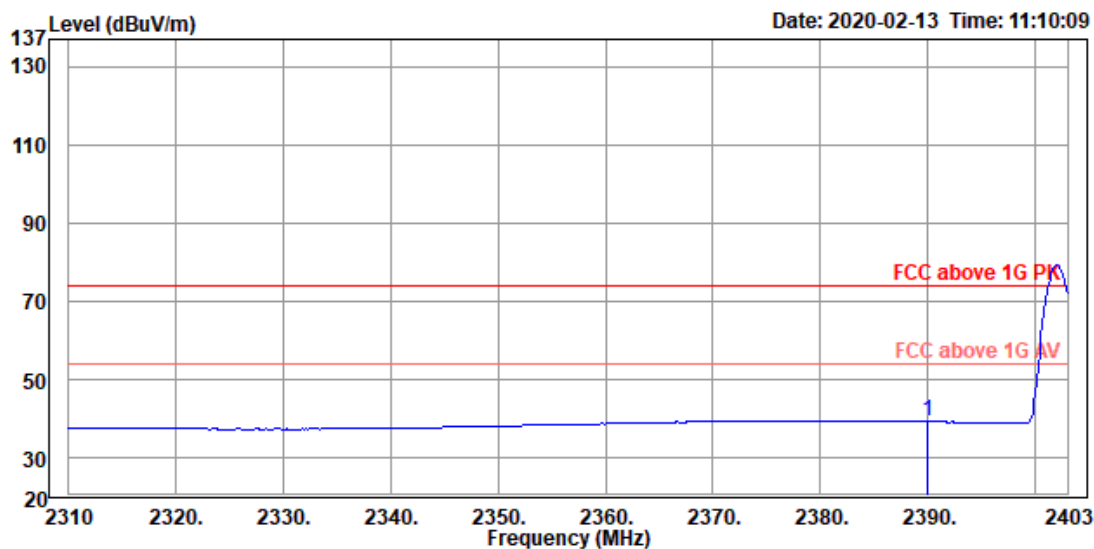
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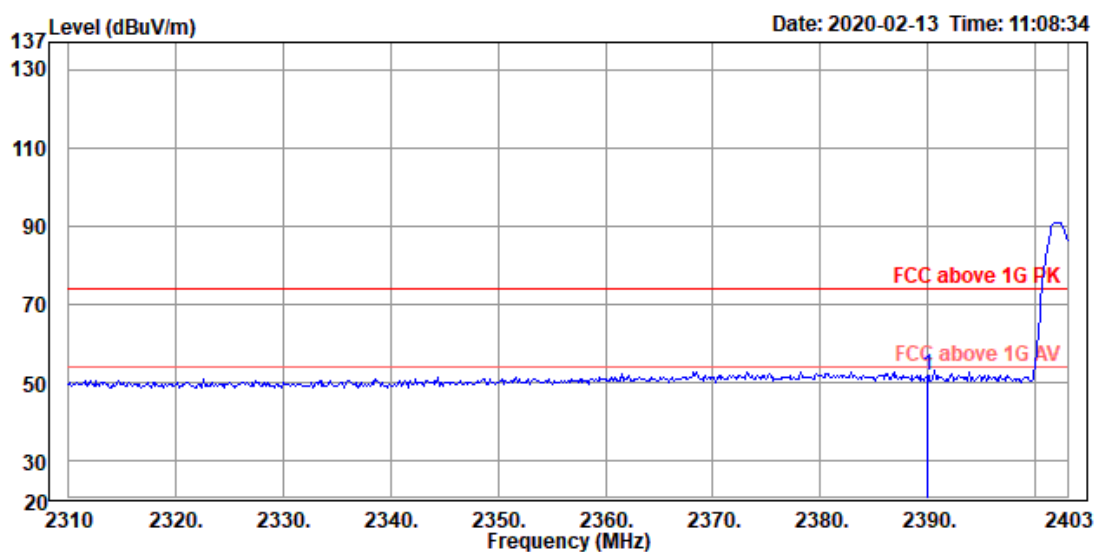


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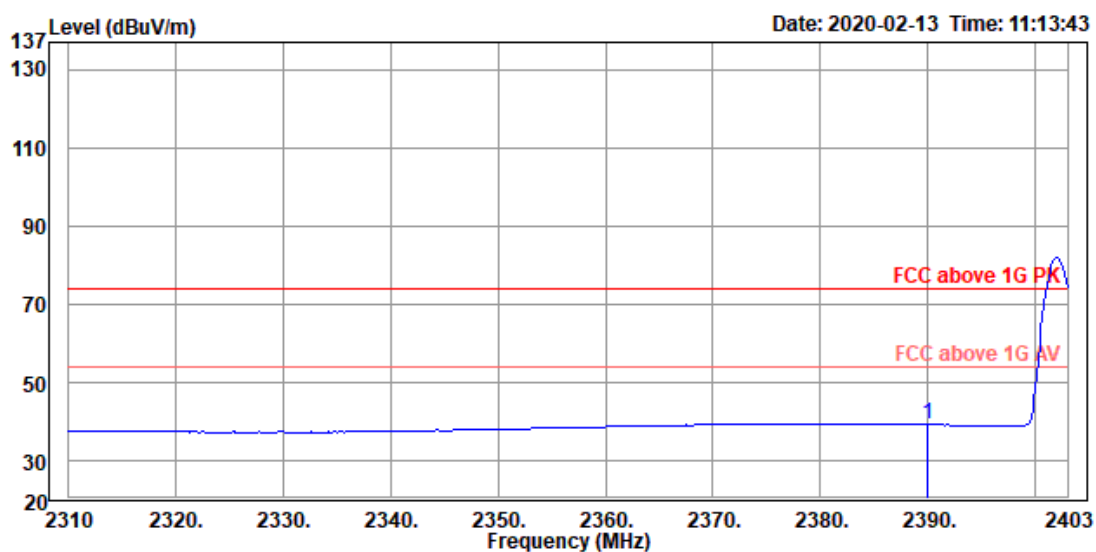
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	38.97	47.24	-8.27	54.00	-15.03	100	101	Average	



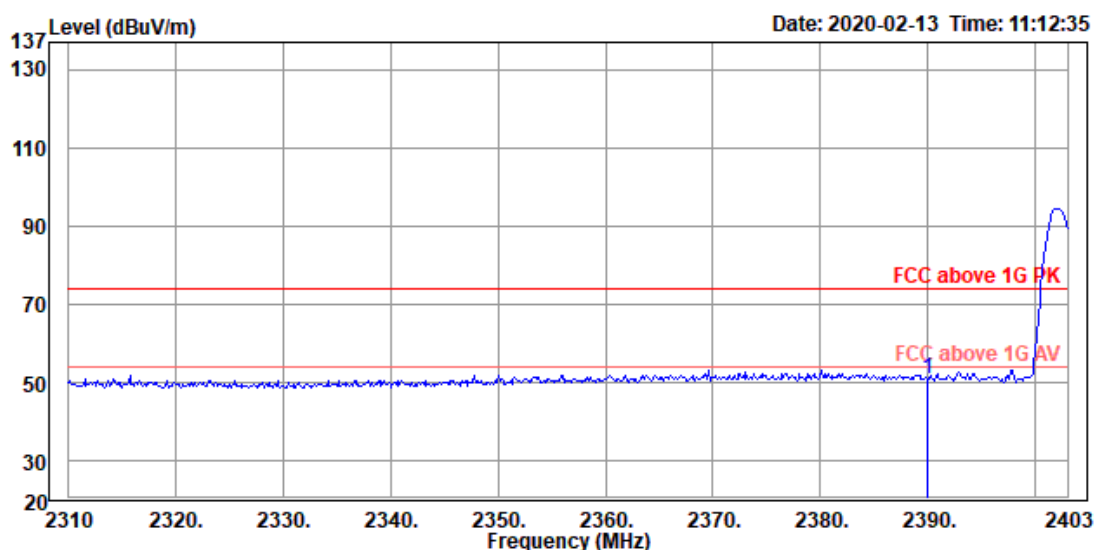
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	51.58	59.85	-8.27	74.00	-22.42	100	101	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	38.94	47.21	-8.27	54.00	-15.06	100	202	Average	

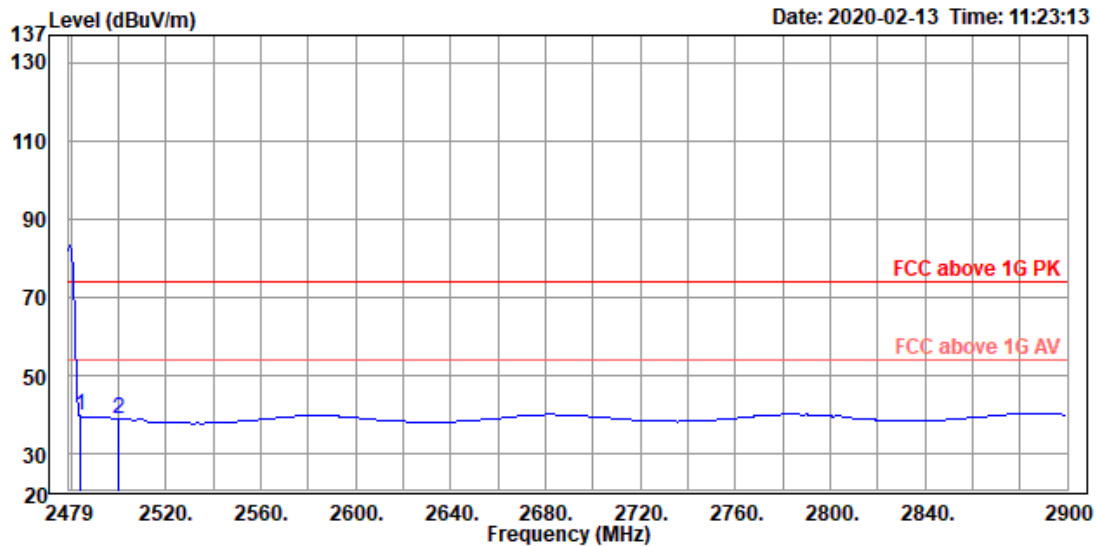


Site : 966A Chamber A
 Condition : FCC above 1G PK 3m vertical
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Tmp/Hum : 22.5°C/50%
 Power Setting: 0,1,0
 Mode : 1DH5-TX-2402
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	50.67	58.94	-8.27	74.00	-23.33	100	202	Peak	

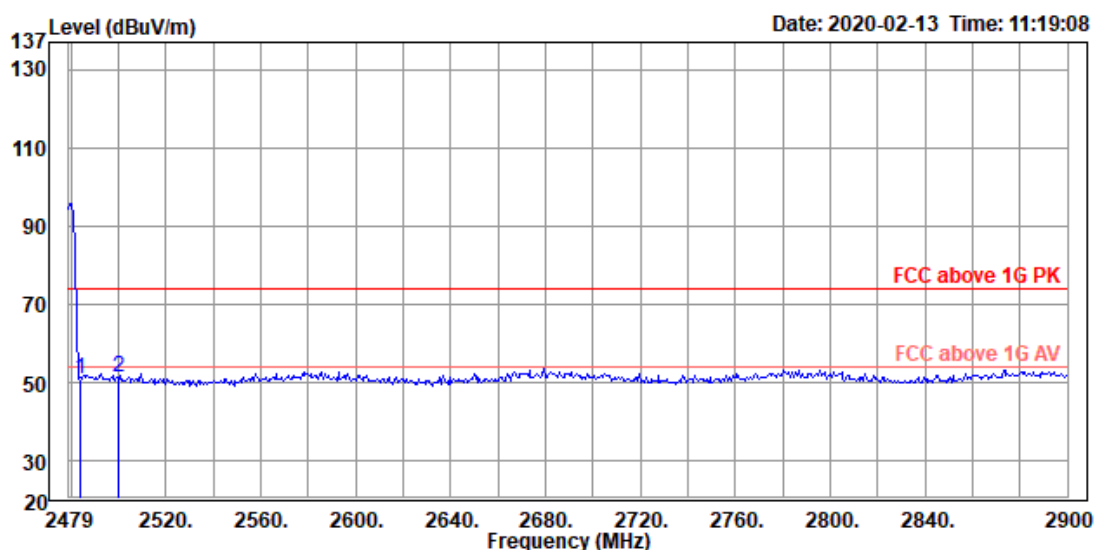


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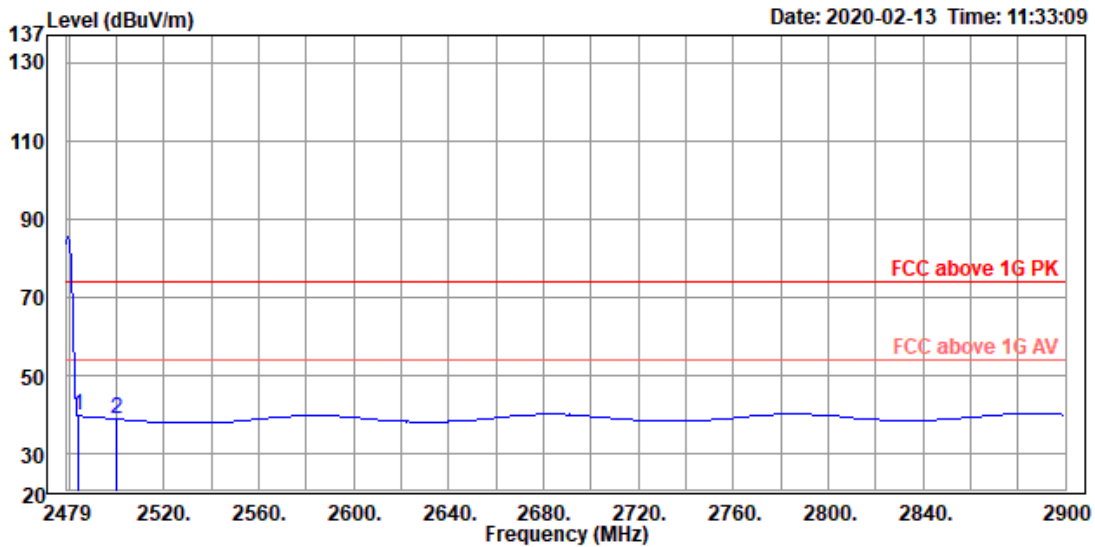
Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Tmp/Hum : 22.5°C/50%
 Power Setting: 0,2,0
 Mode : 1DH5-TX-2480
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	39.47	47.49	-8.02	54.00	-14.53	100	101	Average	
2	2500.000	38.70	46.70	-8.00	54.00	-15.30	100	101	Average	



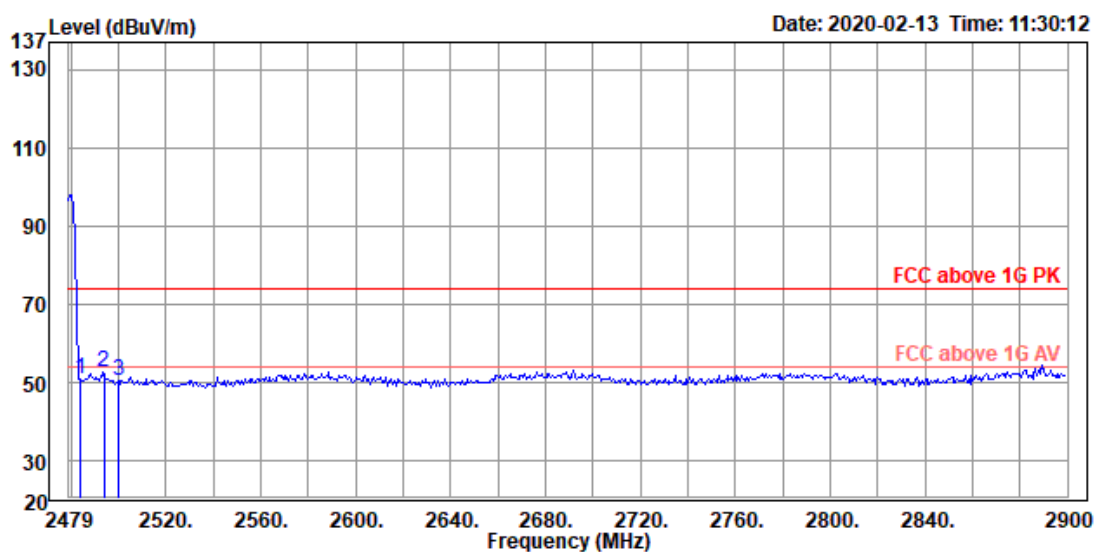
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	50.65	58.67	-8.02	74.00	-23.35	100	101	Peak	
2	2500.000	51.16	59.16	-8.00	74.00	-22.84	100	101	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	39.76	47.78	-8.02	54.00	-14.24	100	264	Average	
2	2500.000	38.62	46.62	-8.00	54.00	-15.38	100	264	Average	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

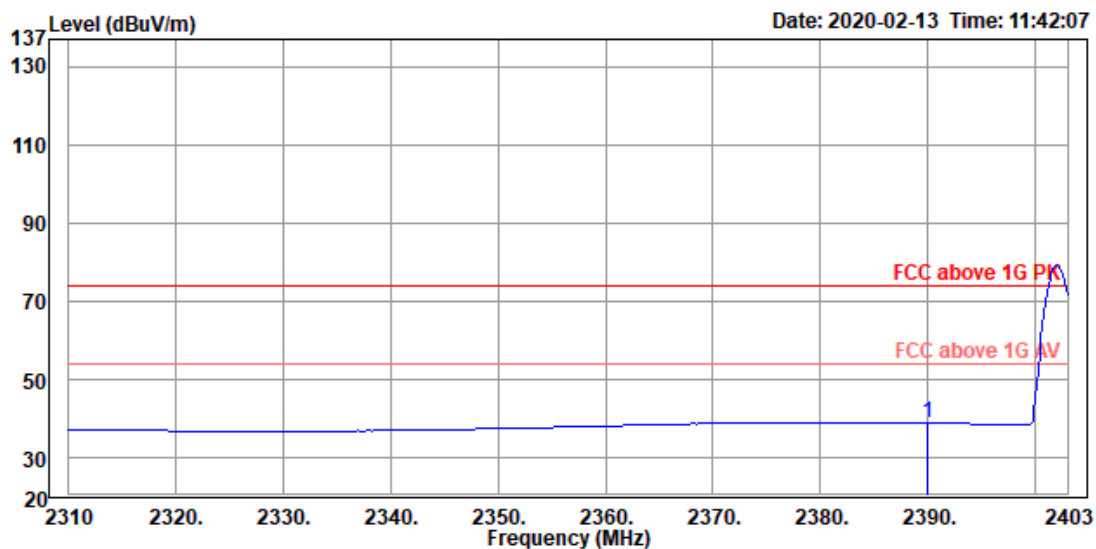
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	50.68	58.70	-8.02	74.00	-23.32	100	264	Peak	
2	2493.644	52.70	60.71	-8.01	74.00	-21.30	100	264	Peak	
3	2500.000	50.03	58.03	-8.00	74.00	-23.97	100	264	Peak	

Spurious Emissions, Bandedge, 3-DH5

2402 MHz

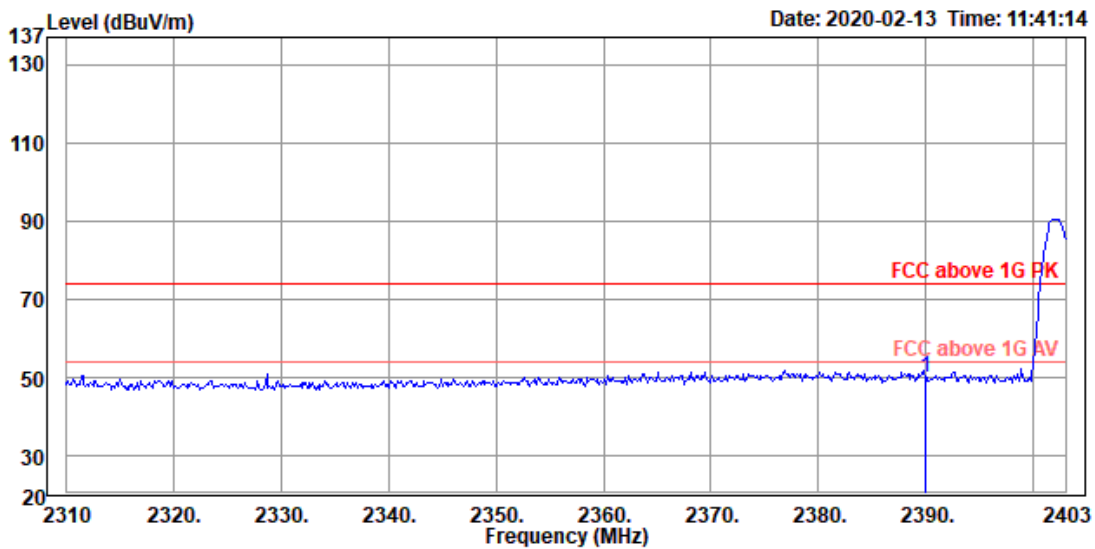


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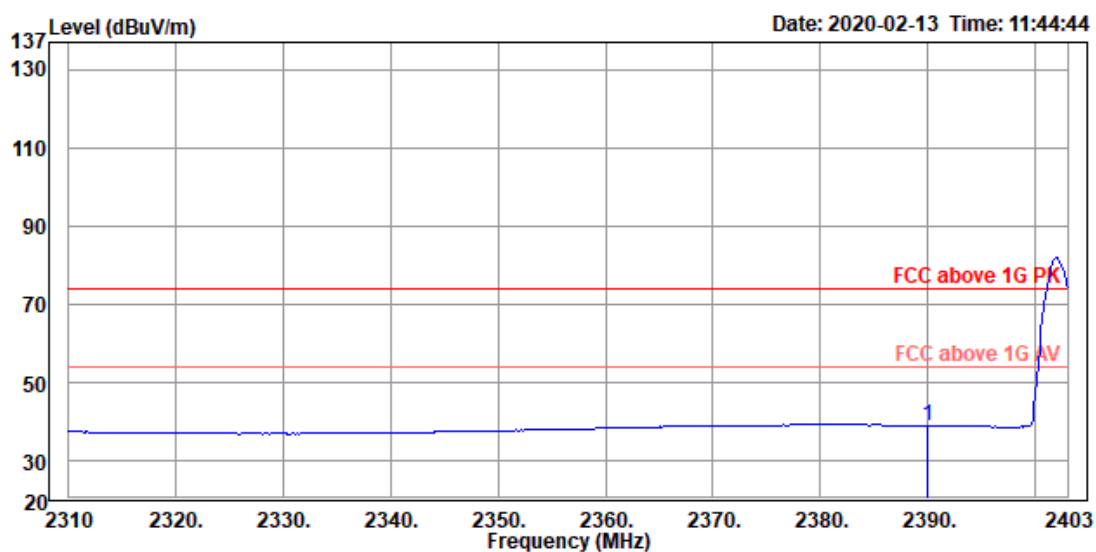
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	38.66	46.93	-8.27	54.00	-15.34	100	98	Average	



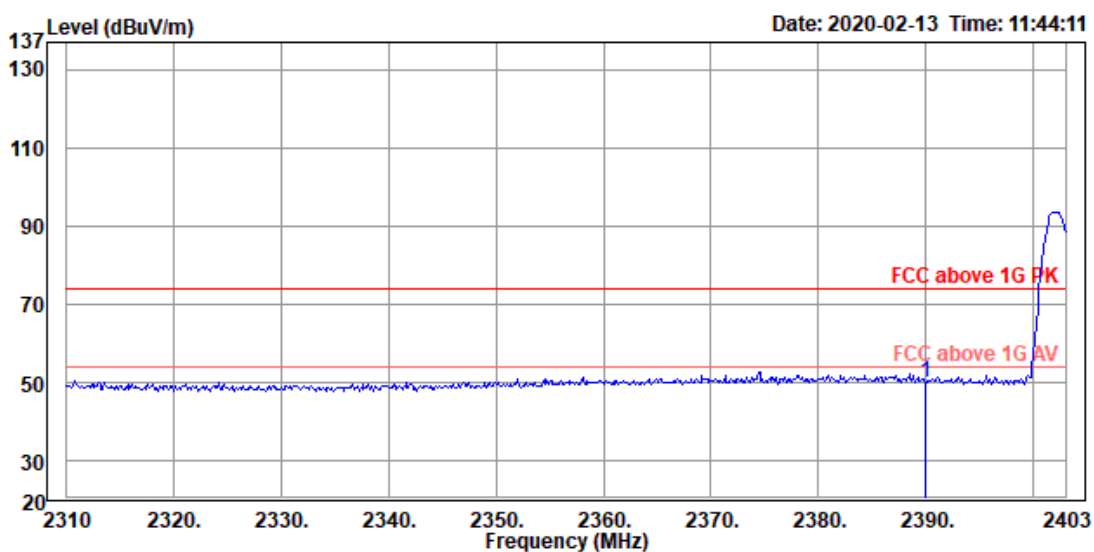
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	49.96	58.23	-8.27	74.00	-24.04	100	98	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	38.76	47.03	-8.27	54.00	-15.24	100	204	Average	

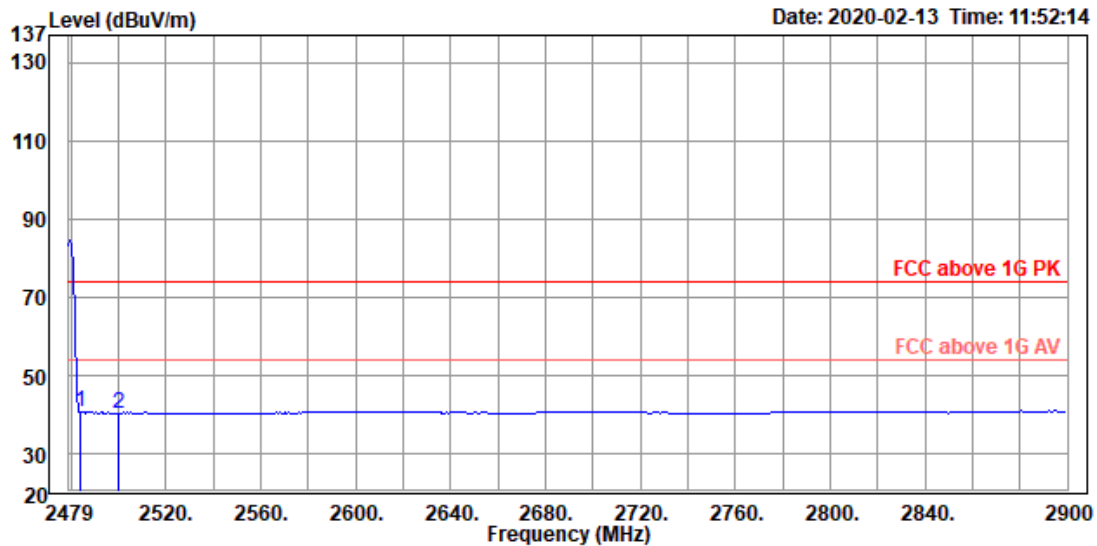


Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	50.01	58.28	-8.27	74.00	-23.99	100	204	Peak	

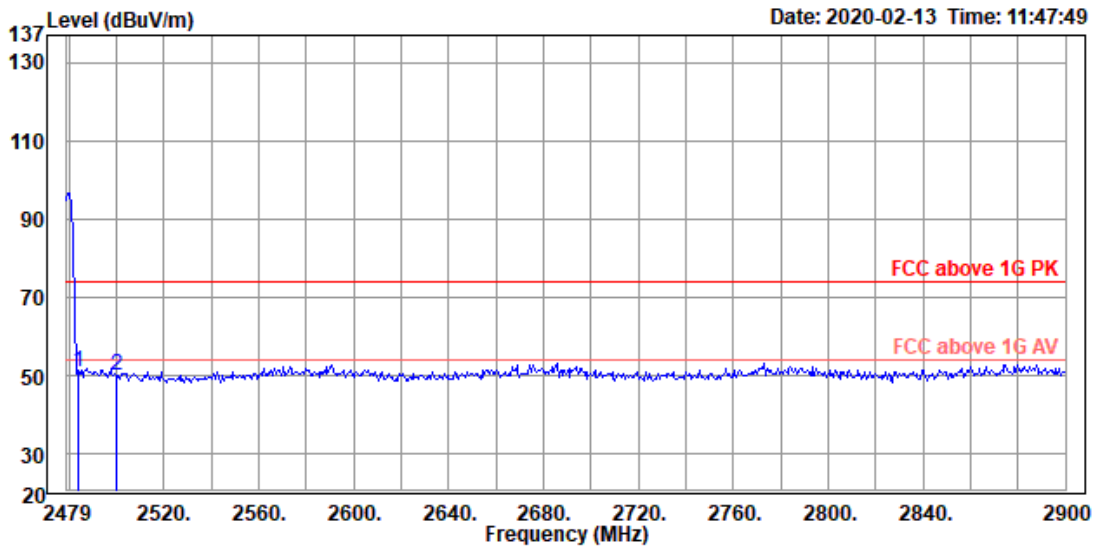


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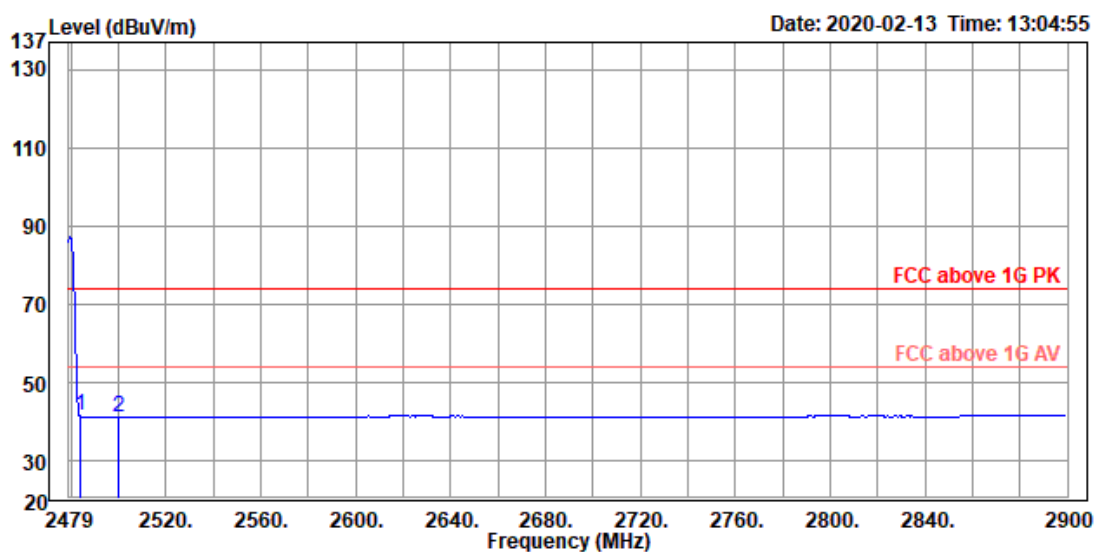
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	40.38	48.40	-8.02	54.00	-13.62	100	104	Average	
2	2500.000	40.19	48.19	-8.00	54.00	-13.81	100	104	Average	



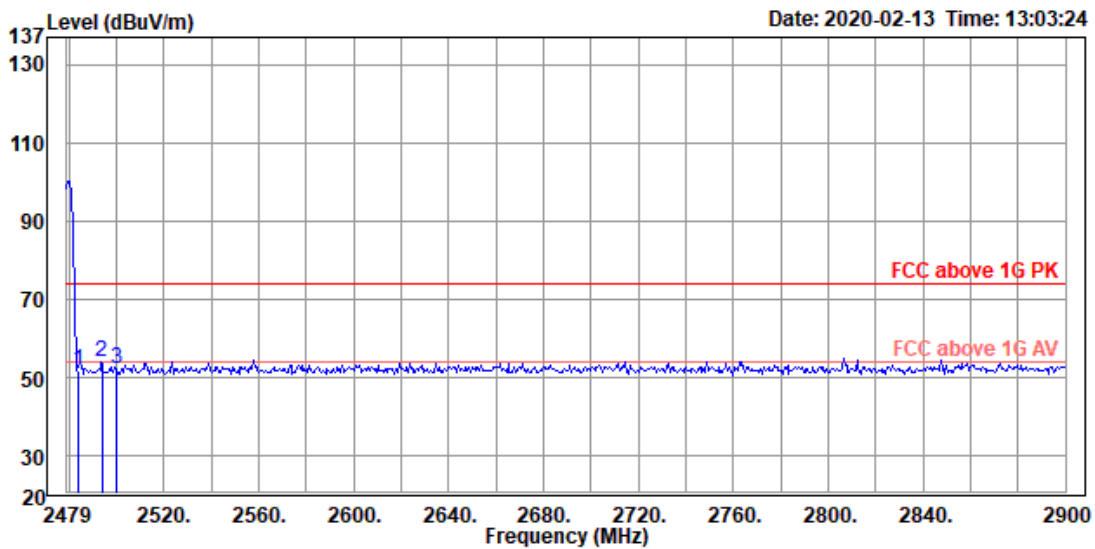
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	50.86	58.88	-8.02	74.00	-23.14	100	104	Peak	
2	2500.000	49.89	57.89	-8.00	74.00	-24.11	100	104	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	41.24	49.26	-8.02	54.00	-12.76	100	217	Average	
2	2500.000	40.98	48.98	-8.00	54.00	-13.02	100	217	Average	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m Vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

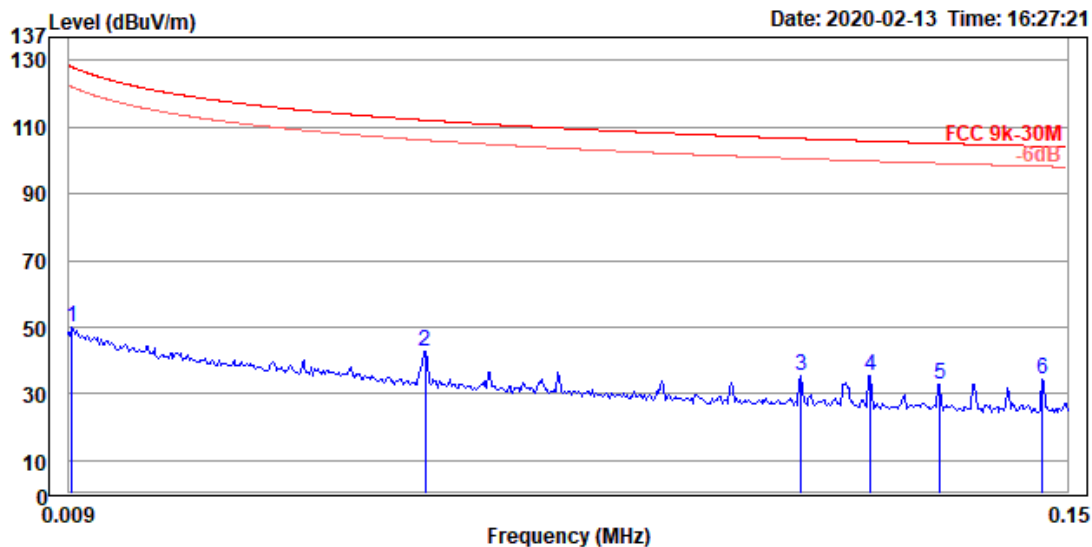
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	51.71	59.73	-8.02	74.00	-22.29	100	217	Peak	
2	2493.644	53.94	61.95	-8.01	74.00	-20.06	100	217	Peak	
3	2500.000	52.16	60.16	-8.00	74.00	-21.84	100	217	Peak	

Spurious Emissions, TX Mode, 9kHz-30MHz, 1-DH5

2441 MHz

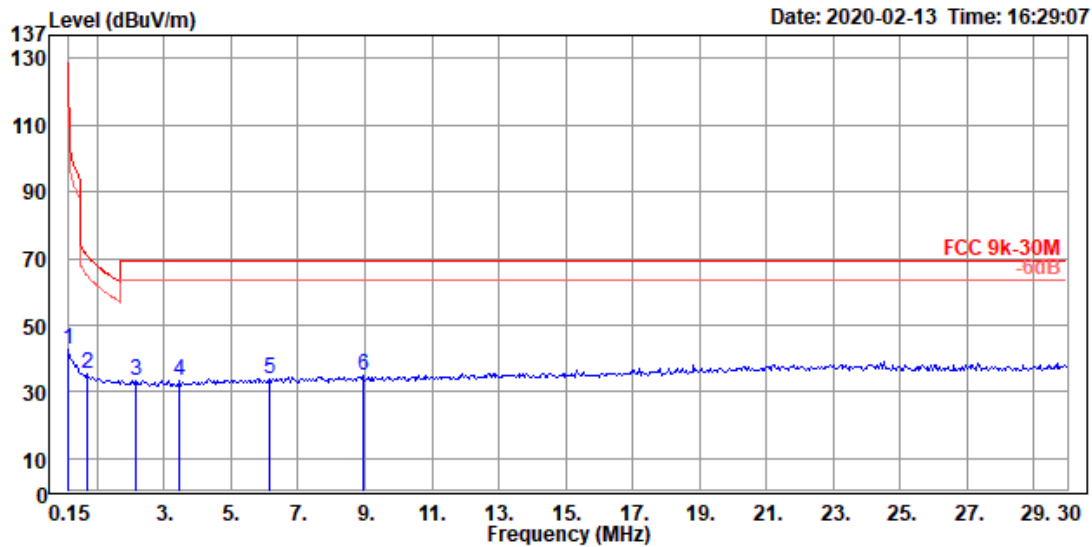


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.009	50.23	32.22	18.01	128.11	-77.88	100	205	QP	
2	0.059	42.63	23.97	18.66	112.14	-69.51	100	221	QP	
3	0.112	35.55	17.80	17.75	106.58	-71.03	100	180	QP	
4	0.122	35.64	17.85	17.79	105.86	-70.22	100	130	QP	
5	0.132	33.00	15.16	17.84	105.19	-72.19	100	261	QP	
6	0.147	34.48	16.58	17.90	104.28	-69.80	100	113	QP	



Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

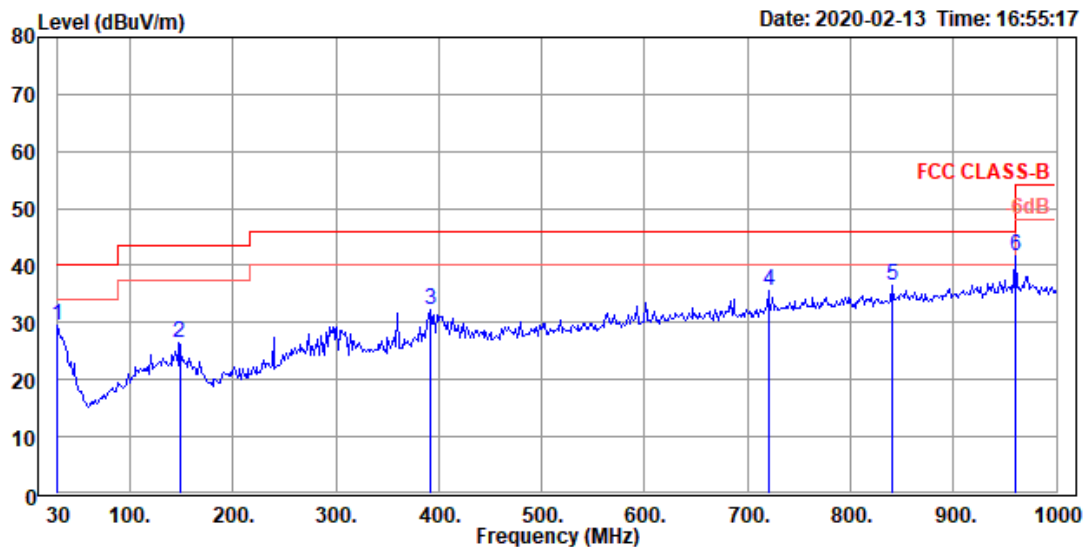
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.150	42.83	24.92	17.91	104.08	-61.25	100	118	QP	
2	0.712	35.47	16.94	18.53	70.56	-35.09	100	309	QP	
3	2.140	33.58	14.95	18.63	69.50	-35.92	100	67	QP	
4	3.438	33.36	14.60	18.76	69.50	-36.14	100	163	QP	
5	6.163	33.95	14.37	19.58	69.50	-35.55	100	350	QP	
6	8.932	34.68	14.50	20.18	69.50	-34.82	100	238	QP	

Spurious Emissions, TX Mode, 30MHz-1GHz, 1-DH5

2441 MHz

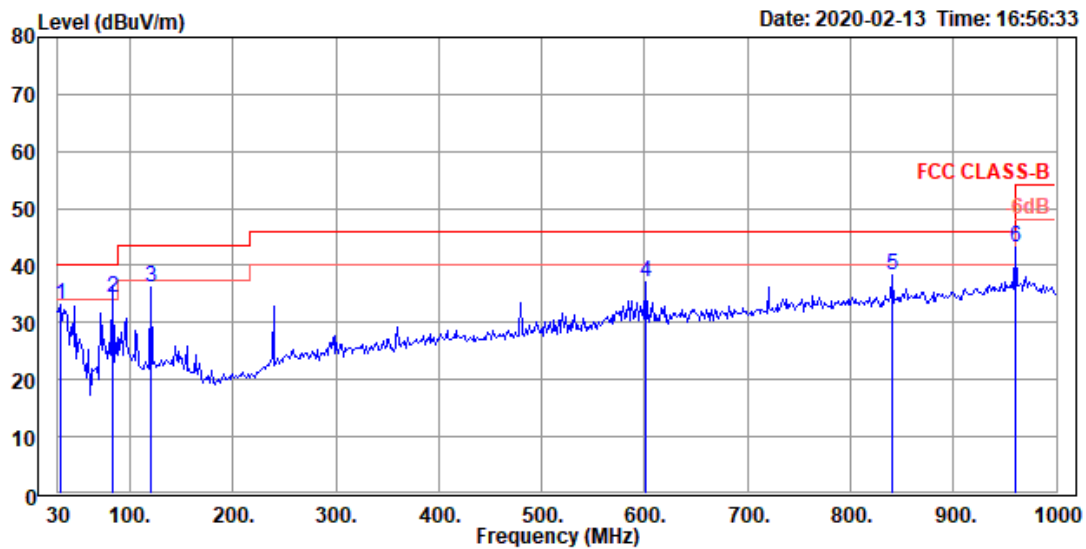


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	30.000	29.64	29.78	-0.14	40.00	-10.36	100	136	QP	
2	148.087	26.33	33.50	-7.17	43.50	-17.17	100	0	QP	
3	391.290	32.24	35.04	-2.80	46.00	-13.76	100	315	QP	
4	720.246	35.64	33.92	1.72	46.00	-10.36	100	77	QP	
5	841.145	36.45	32.90	3.55	46.00	-9.55	100	103	QP	
6	960.638	41.74	36.01	5.73	54.00	-12.26	100	95	QP	



Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

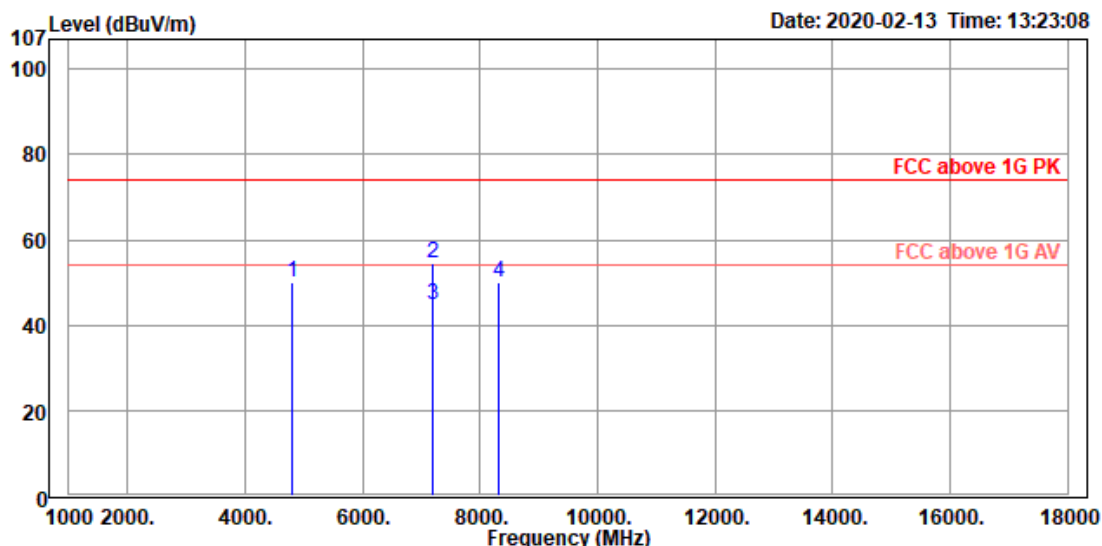
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	32.812	33.26	35.02	-1.76	40.00	-6.74	100	305	QP	
2	83.420	34.41	46.00	-11.59	40.00	-5.59	100	155	QP	
3	119.971	36.08	43.37	-7.29	43.50	-7.42	100	203	QP	
4	600.754	37.12	37.06	0.06	46.00	-8.88	100	226	QP	
5	841.145	38.29	34.74	3.55	46.00	-7.71	100	181	QP	
6	960.638	43.16	37.43	5.73	54.00	-10.84	100	240	QP	

Spurious Emissions, TX Mode, 1GHz-18GHz, 1-DH5

2402 MHz

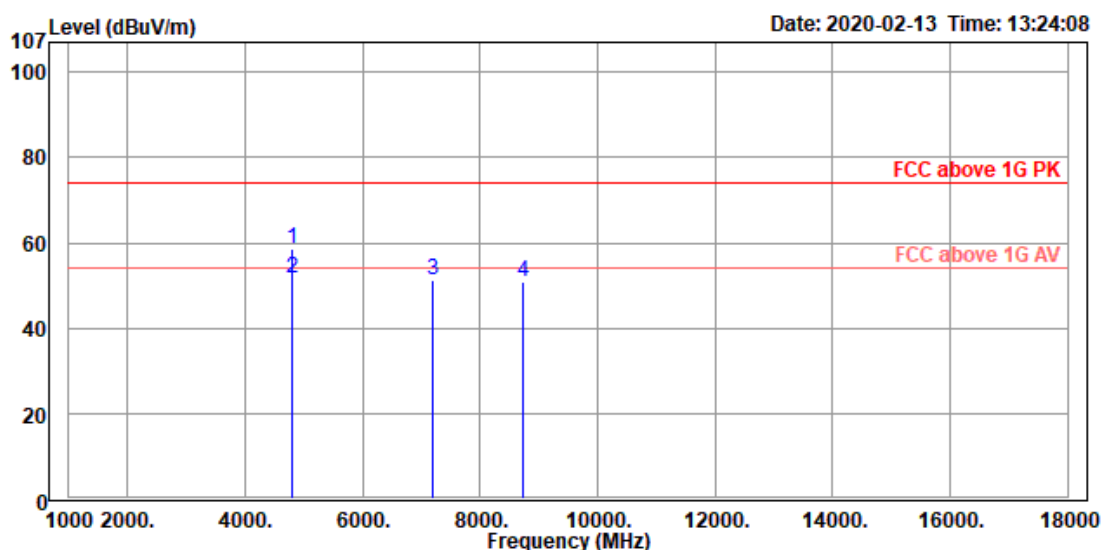


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	50.22	53.83	-3.61	54.00	-3.78	100	159	Average	
2	7206.000	54.72	50.39	4.33	74.00	-19.28	100	238	Peak	
3	7206.000	44.87	40.54	4.33	54.00	-9.13	100	238	Average	
4	8317.392	50.13	44.80	5.33	74.00	-23.87	100	280	Peak	

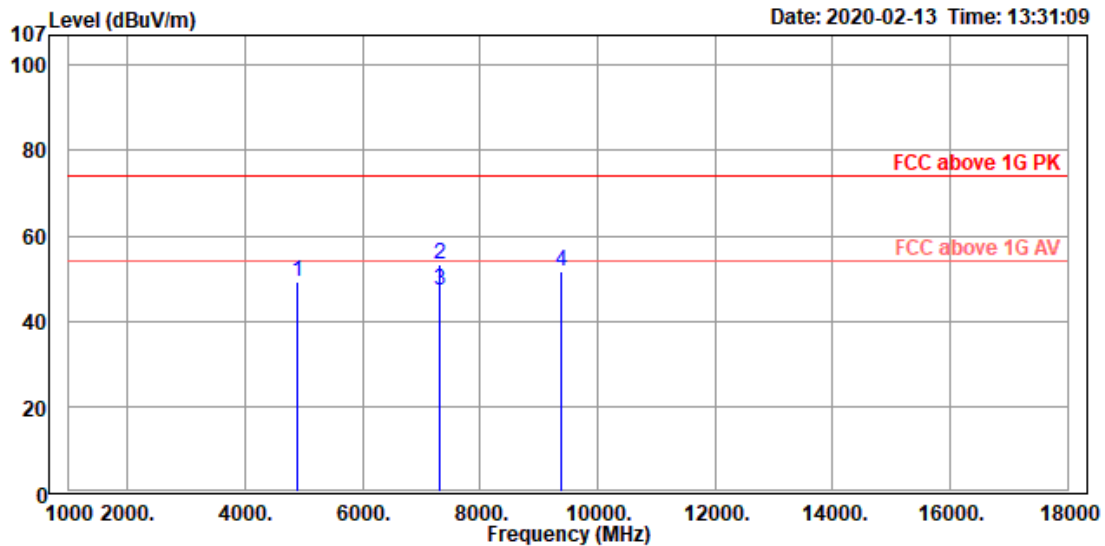


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	58.40	62.01	-3.61	74.00	-15.60	100	185	Peak	
2	4804.000	51.79	55.40	-3.61	54.00	-2.21	100	185	Average	
3	7206.000	51.20	46.87	4.33	74.00	-22.80	100	339	Peak	
4	8736.231	50.78	45.14	5.64	74.00	-23.22	100	360	Peak	

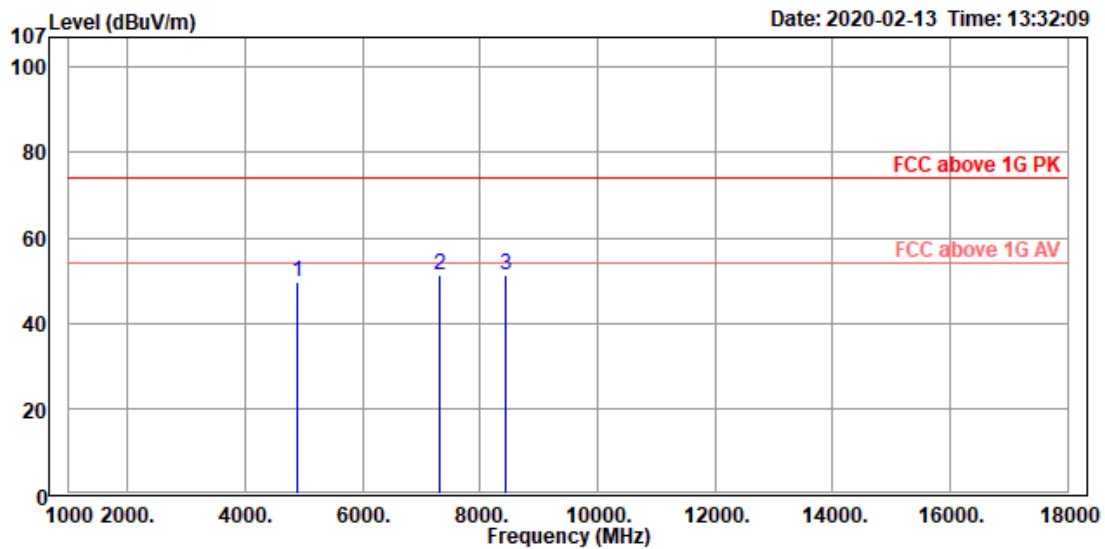


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,1,0
 Mode : 1DH5-TX-2441
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4882.000	49.34	52.85	-3.51	74.00	-24.66	100	233	Peak	
2	7323.000	53.30	48.75	4.55	74.00	-20.70	100	146	Peak	
3	7323.000	47.00	42.45	4.55	54.00	-7.00	100	146	Average	
4	9376.812	51.63	45.99	5.64	74.00	-22.37	100	188	Peak	

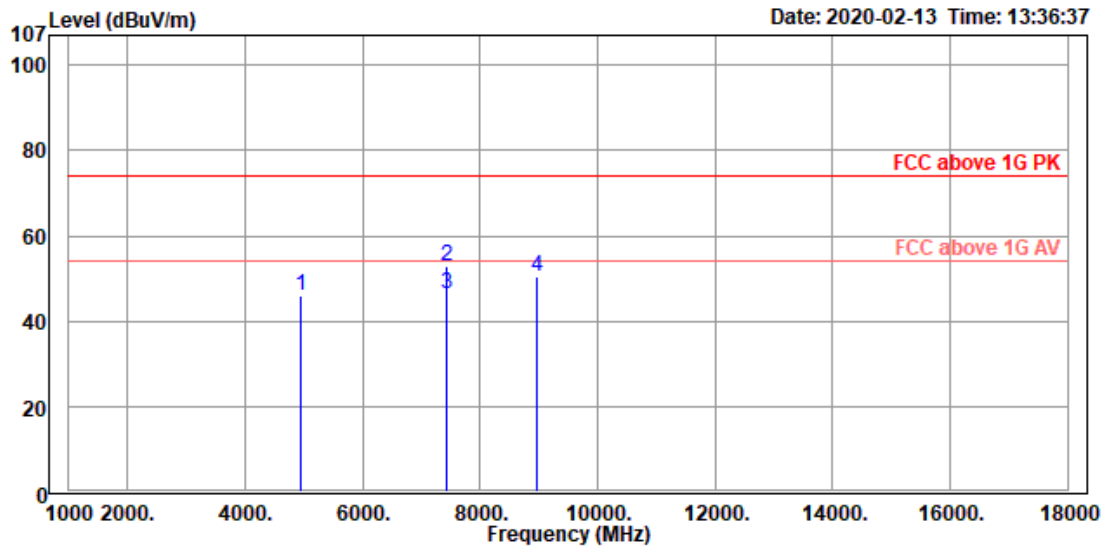


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4882.000	49.57	53.08	-3.51	74.00	-24.43	100	347	Peak	
2	7323.000	51.42	46.87	4.55	74.00	-22.58	100	185	Peak	
3	8440.580	51.15	45.62	5.53	74.00	-22.85	100	354	Peak	

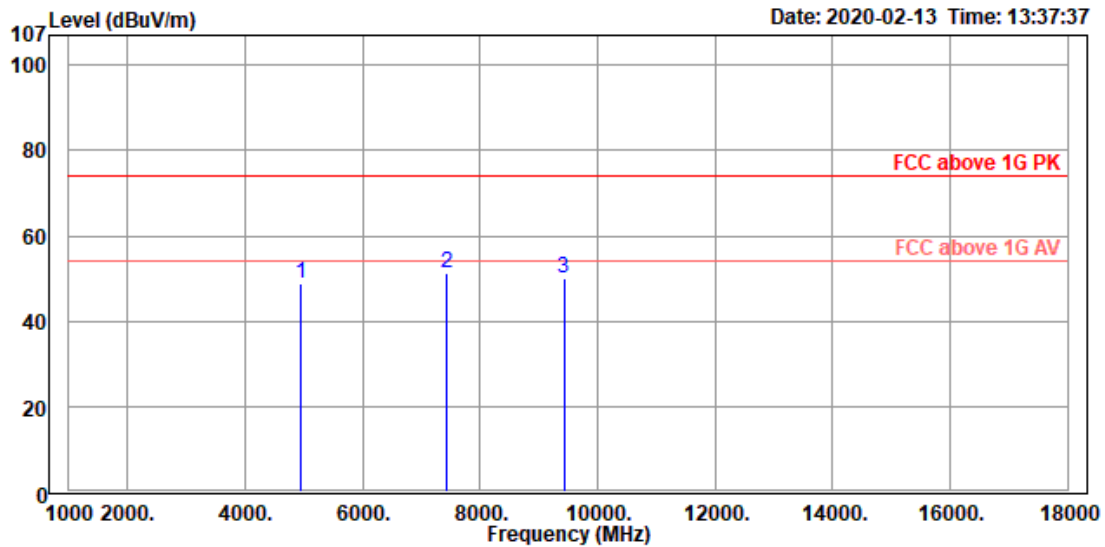


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Tel:+886-2172-7000 Fax:+886-2528-0018



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	45.81	49.20	-3.39	74.00	-28.19	100	60	Peak	
2	7440.000	52.79	47.93	4.86	74.00	-21.21	100	181	Peak	
3	7440.000	46.36	41.50	4.86	54.00	-7.64	100	181	Average	
4	8957.971	50.43	44.88	5.55	74.00	-23.57	100	317	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

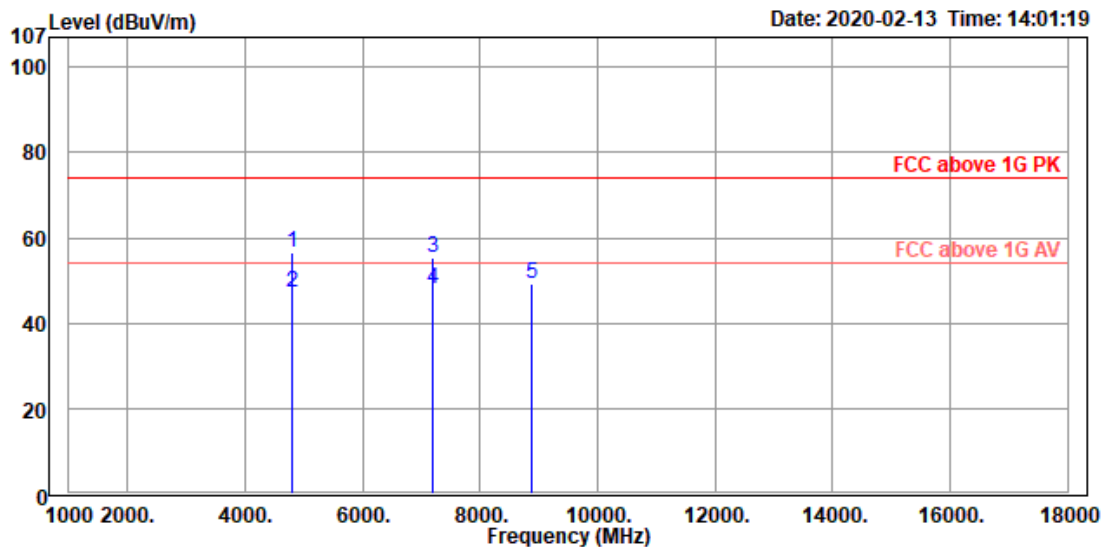
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	48.88	52.27	-3.39	74.00	-25.12	100	342	Peak	
2	7440.000	51.36	46.50	4.86	74.00	-22.64	100	0	Peak	
3	9426.087	50.02	44.37	5.65	74.00	-23.98	100	26	Peak	

Spurious Emissions, TX Mode, 1GHz-18GHz, 3-DH5

2402 MHz

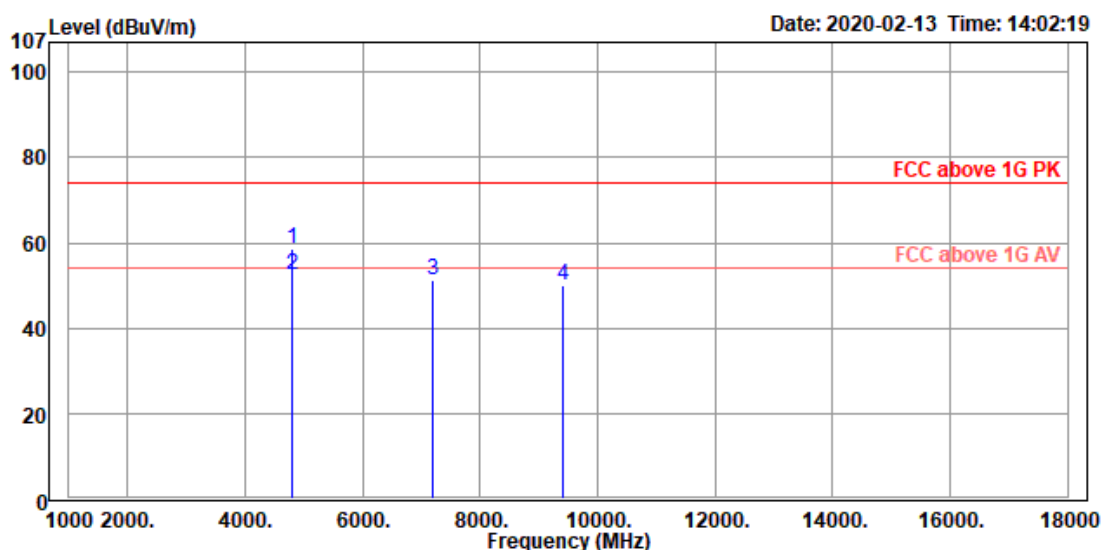


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	56.67	60.28	-3.61	74.00	-17.33	100	148	Peak	
2	4804.000	47.32	50.93	-3.61	54.00	-6.68	100	148	Average	
3	7206.000	55.40	51.07	4.33	74.00	-18.60	100	170	Peak	
4	7206.000	48.11	43.78	4.33	54.00	-5.89	100	170	Average	
5	8884.058	49.21	43.61	5.60	74.00	-24.79	100	164	Peak	

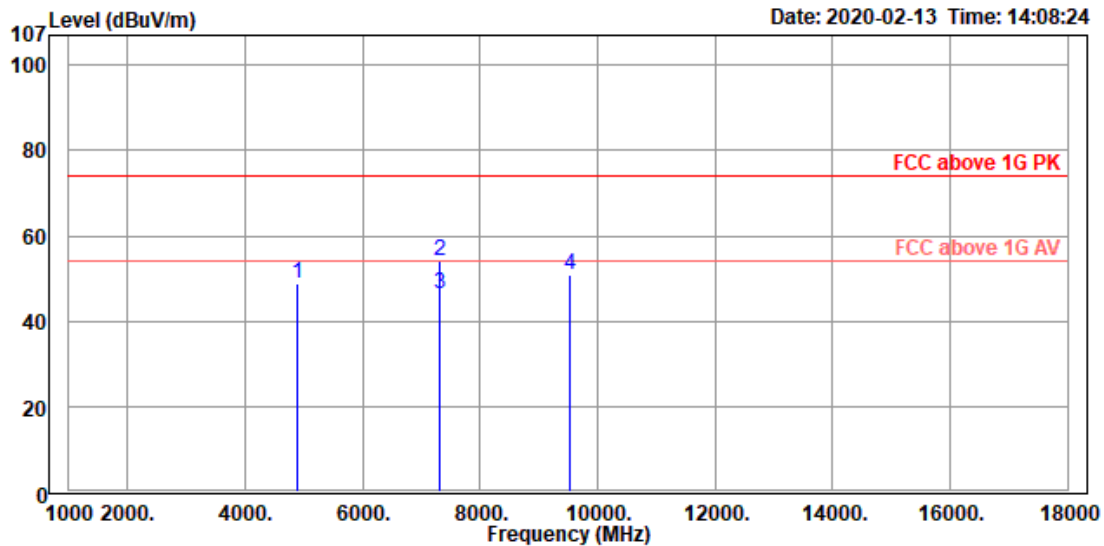


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	58.67	62.28	-3.61	74.00	-15.33	100	185	Peak	
2	4804.000	52.60	56.21	-3.61	54.00	-1.40	100	185	Average	
3	7206.000	51.42	47.09	4.33	74.00	-22.58	100	0	Peak	
4	9401.449	50.17	44.55	5.62	74.00	-23.83	100	133	Peak	

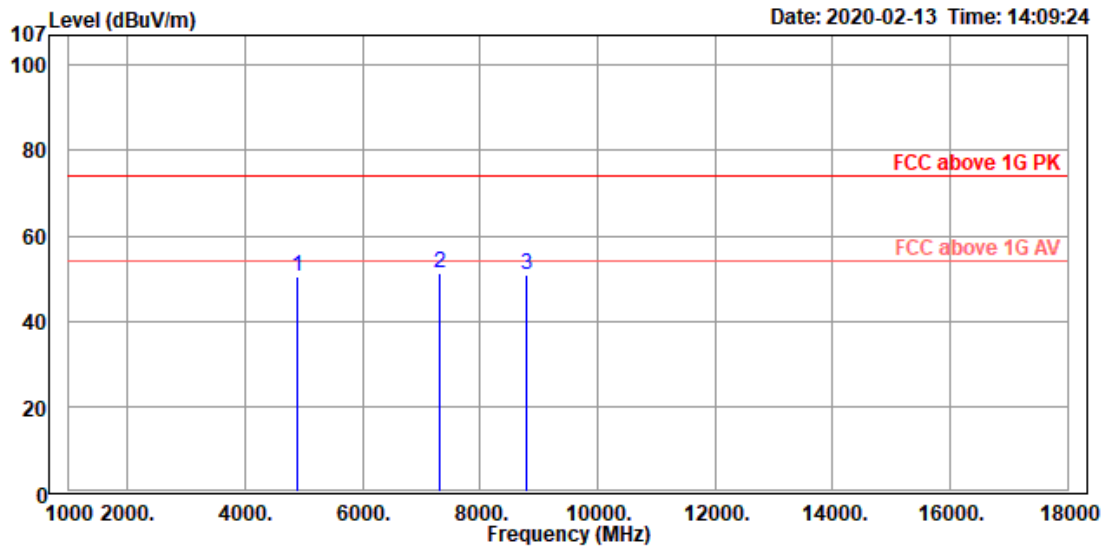


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,1,0
 Mode : 3DH5-TX-2441
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4882.000	48.79	52.30	-3.51	74.00	-25.21	100	211	Peak	
2	7323.000	54.06	49.51	4.55	74.00	-19.94	100	176	Peak	
3	7323.000	46.20	41.65	4.55	54.00	-7.80	100	176	Average	
4	9524.638	50.97	45.34	5.63	74.00	-23.03	100	327	Peak	

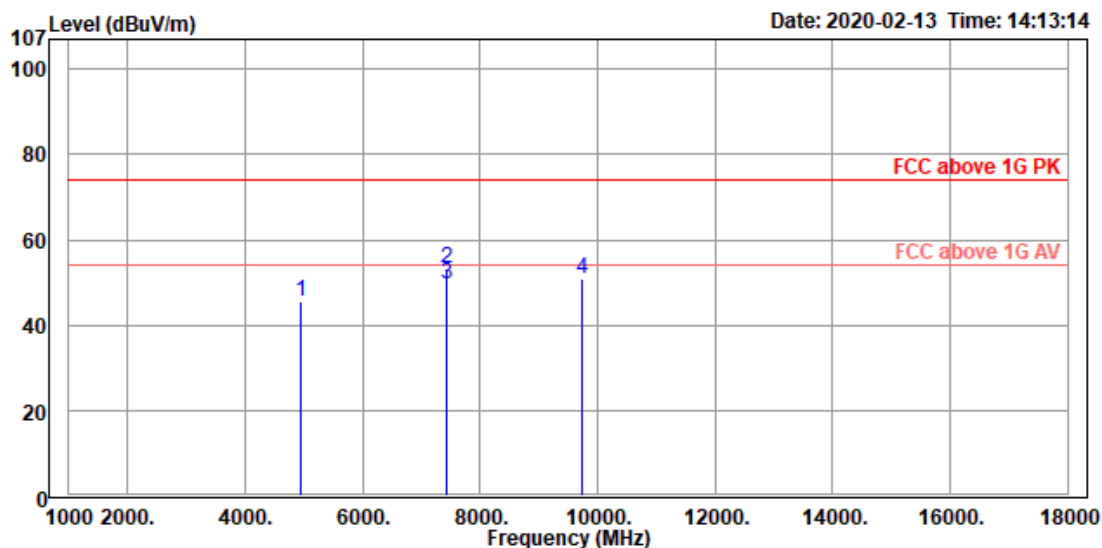


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4882.000	50.29	53.80	-3.51	74.00	-23.71	100	342	Peak	
2	7323.000	51.43	46.88	4.55	74.00	-22.57	100	186	Peak	
3	8785.507	50.68	45.04	5.64	74.00	-23.32	100	186	Peak	

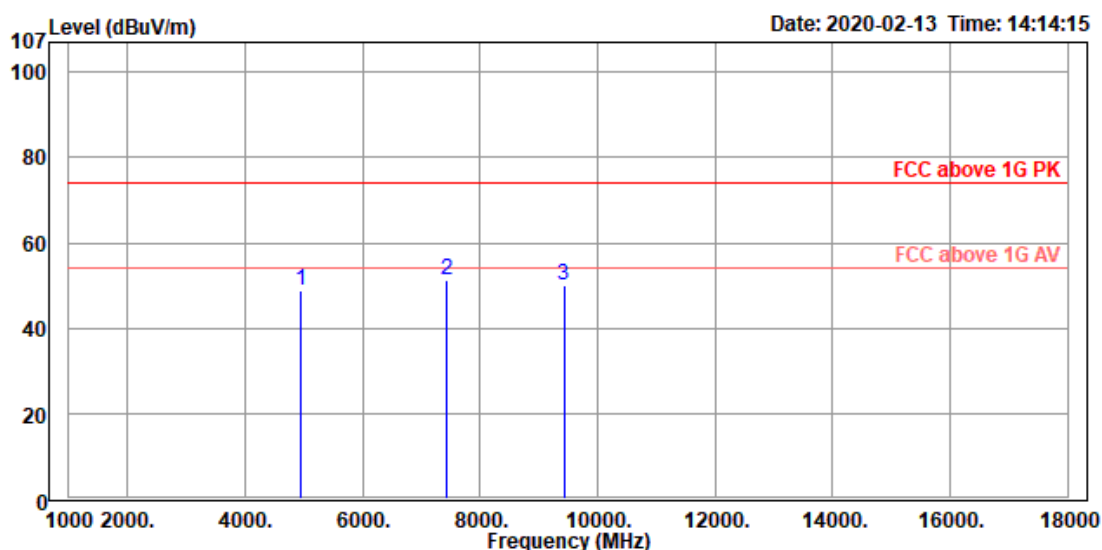


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	45.69	49.08	-3.39	74.00	-28.31	100	331	Peak	
2	7440.000	53.49	48.63	4.86	74.00	-20.51	100	180	Peak	
3	7440.000	49.69	44.83	4.86	54.00	-4.31	100	180	Average	
4	9746.377	50.99	45.84	5.15	74.00	-23.01	100	28	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

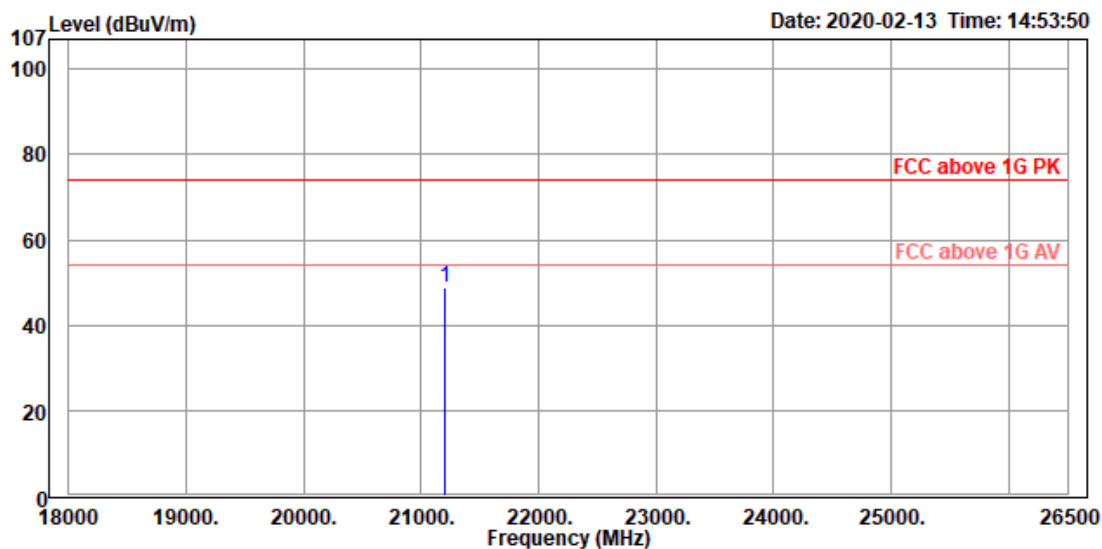
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	48.92	52.31	-3.39	74.00	-25.08	100	87	Peak	
2	7440.000	51.24	46.38	4.86	74.00	-22.76	100	214	Peak	
3	9426.087	50.11	44.46	5.65	74.00	-23.89	100	347	Peak	

Spurious Emissions, TX Mode, 18GHz-26.5GHz, 1-DH5

2402 MHz

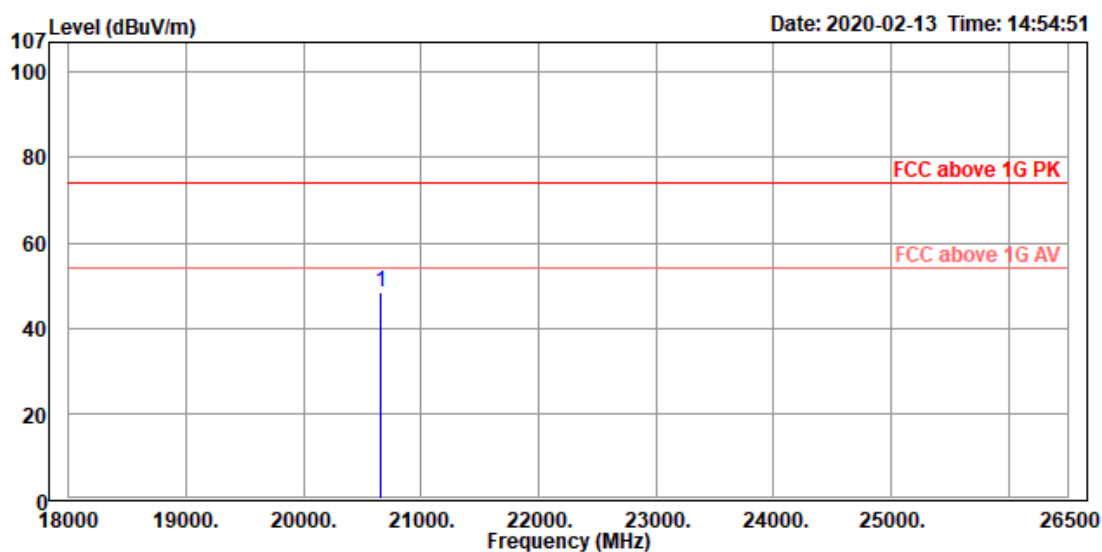


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21202.900	48.83	42.65	6.18	74.00	-25.17	100	23	Peak	

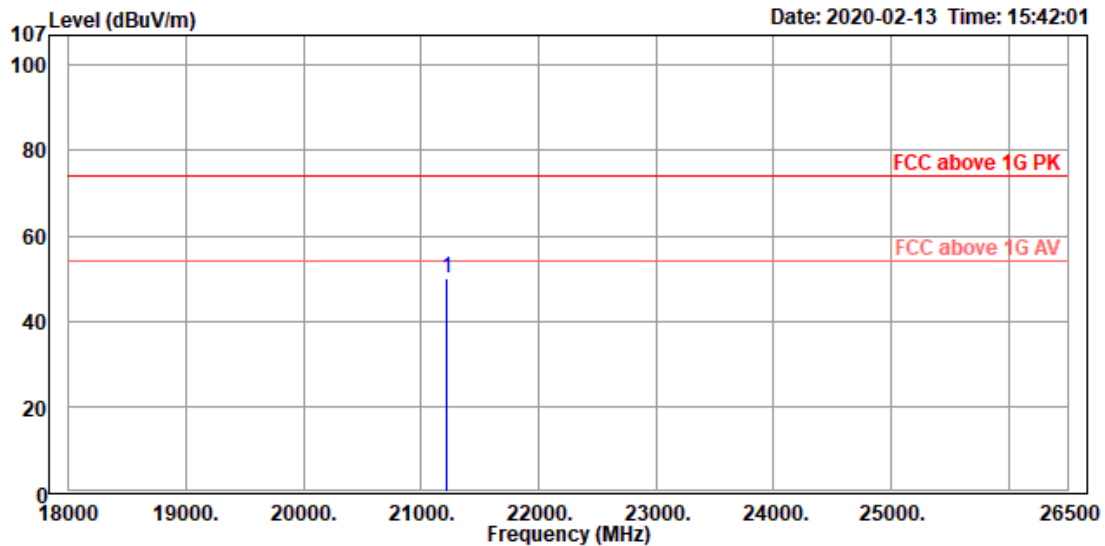


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20648.550	48.33	42.57	5.76	74.00	-25.67	100	216	Peak	

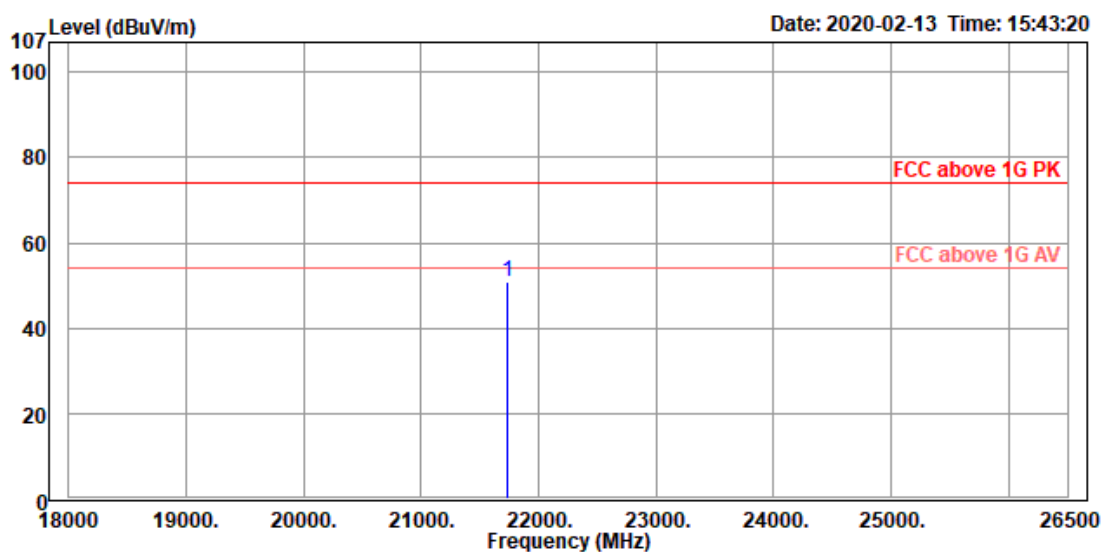


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,1,0
 Mode : 1DH5-TX-2441
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21215.220	50.13	43.95	6.18	74.00	-23.87	100	242	Peak	

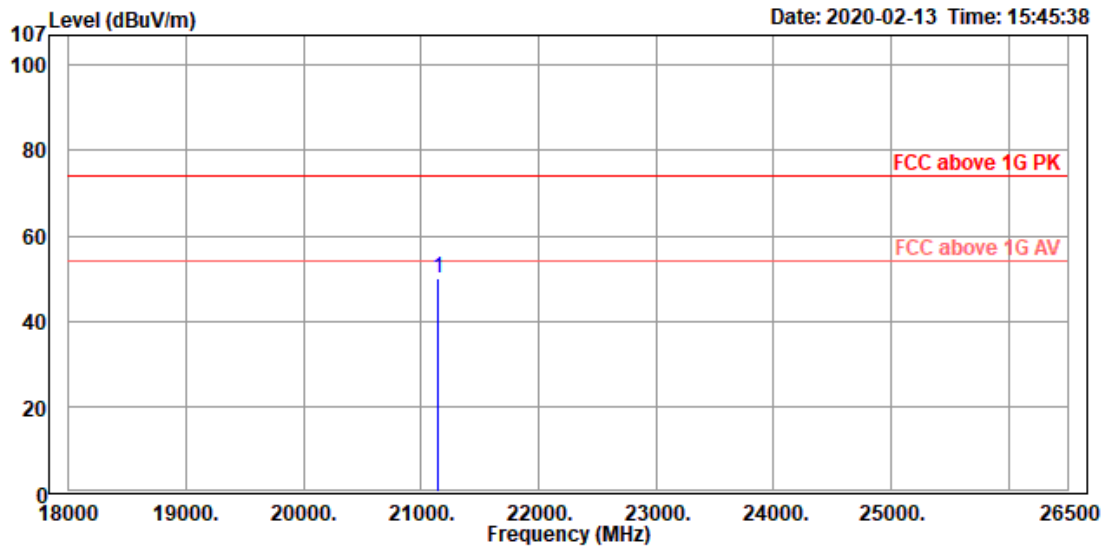


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 1DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21732.610	50.82	44.39	6.43	74.00	-23.18	100	32	Peak	

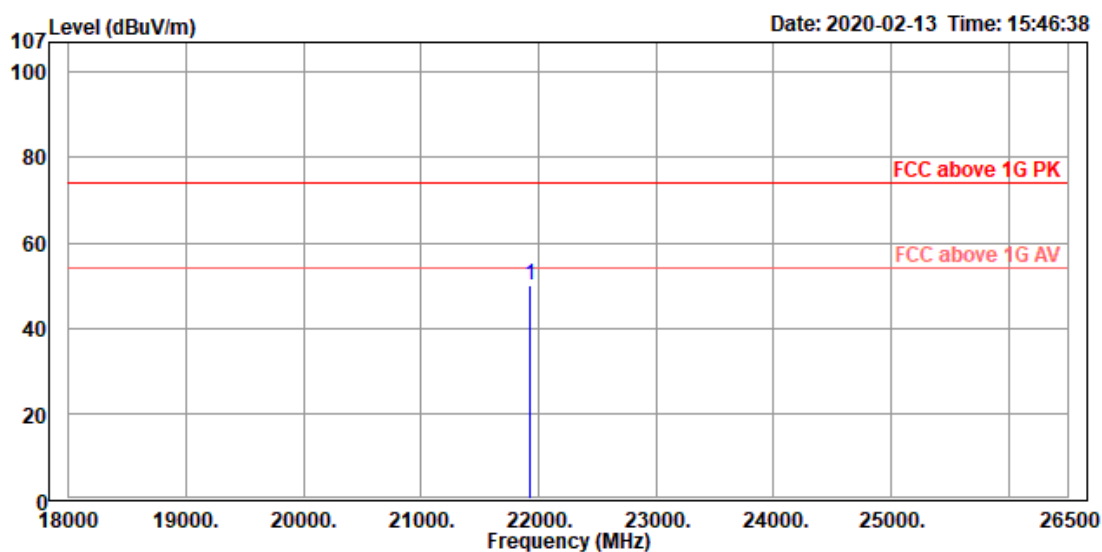


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,2,0
 Mode : 1DH5-TX-2480
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21141.300	50.13	43.98	6.15	74.00	-23.87	100	183	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 1DH5-TX-2480
Memo : Y(Stand)

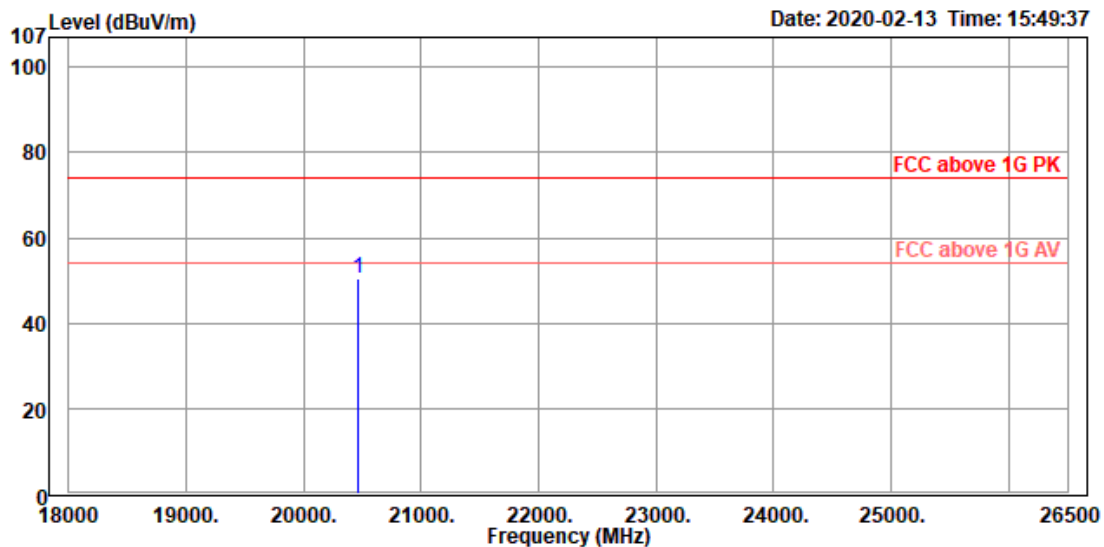
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21929.710	50.11	43.48	6.63	74.00	-23.89	100	1	Peak	

Spurious Emissions, TX Mode, 18GHz-26.5GHz, 3-DH5

2402 MHz

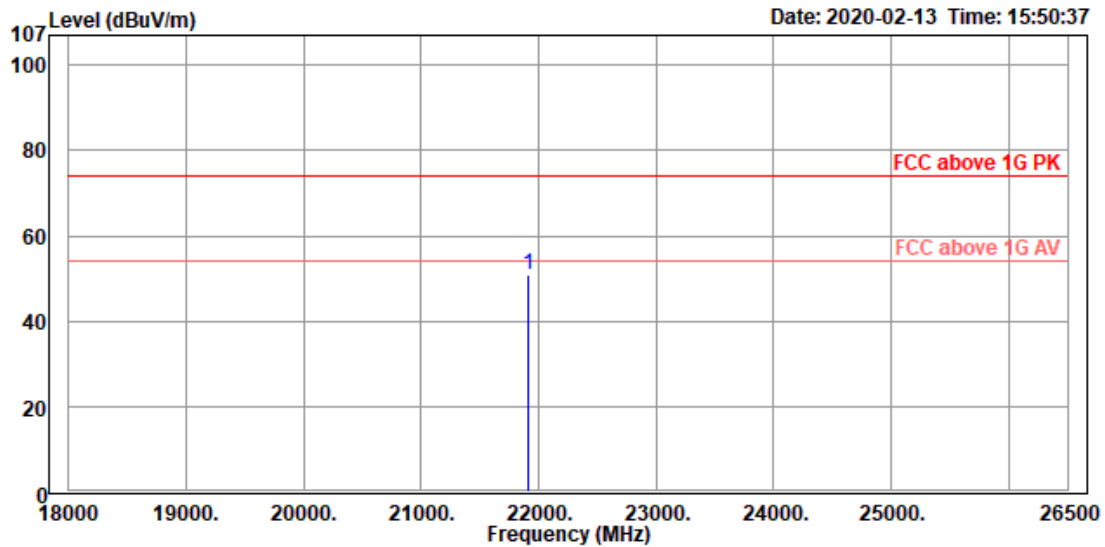


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Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20463.770	50.26	44.65	5.61	74.00	-23.74	100	360	Peak	

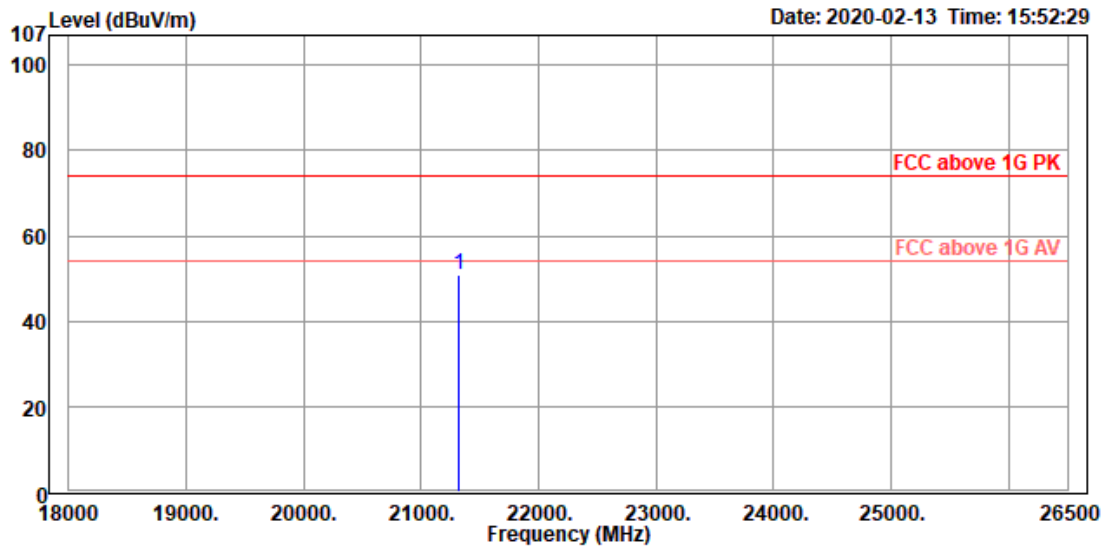


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2402
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21905.070	50.74	44.14	6.60	74.00	-23.26	100	37	Peak	

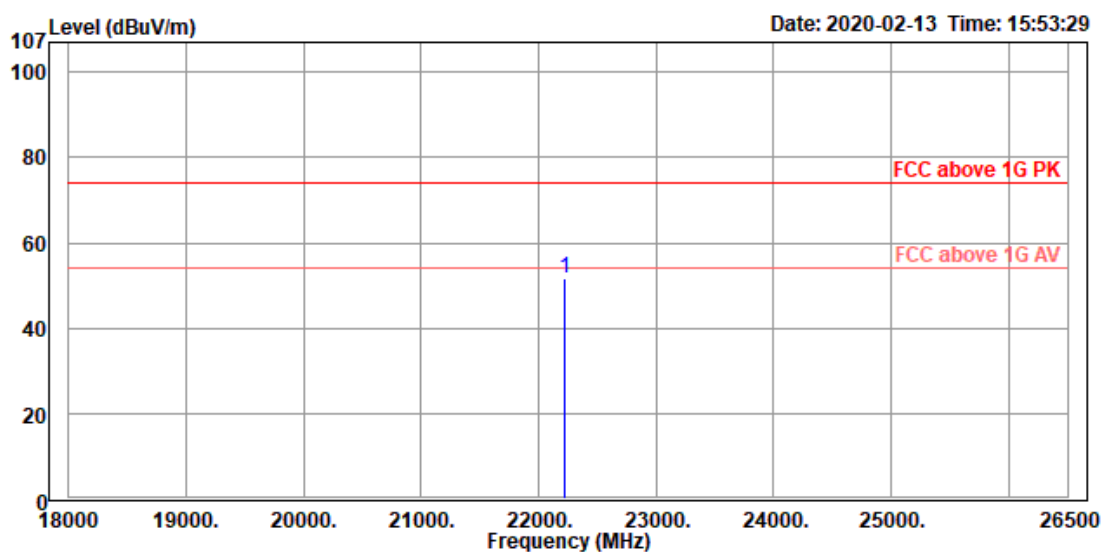


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,1,0
 Mode : 3DH5-TX-2441
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21313.770	50.67	44.48	6.19	74.00	-23.33	100	21	Peak	

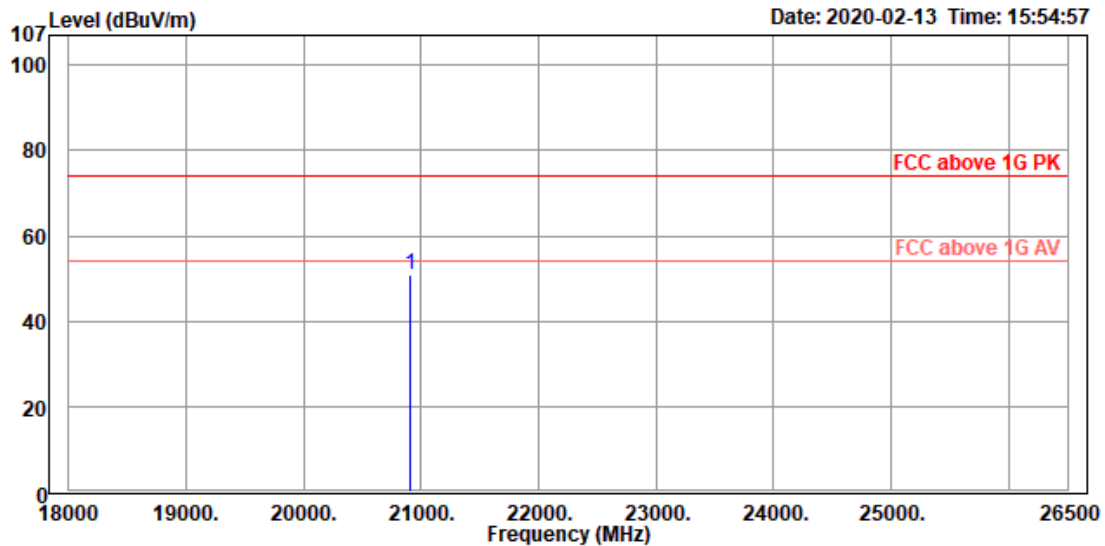


Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,1,0
Mode : 3DH5-TX-2441
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22225.360	51.59	44.57	7.02	74.00	-22.41	100	351	Peak	

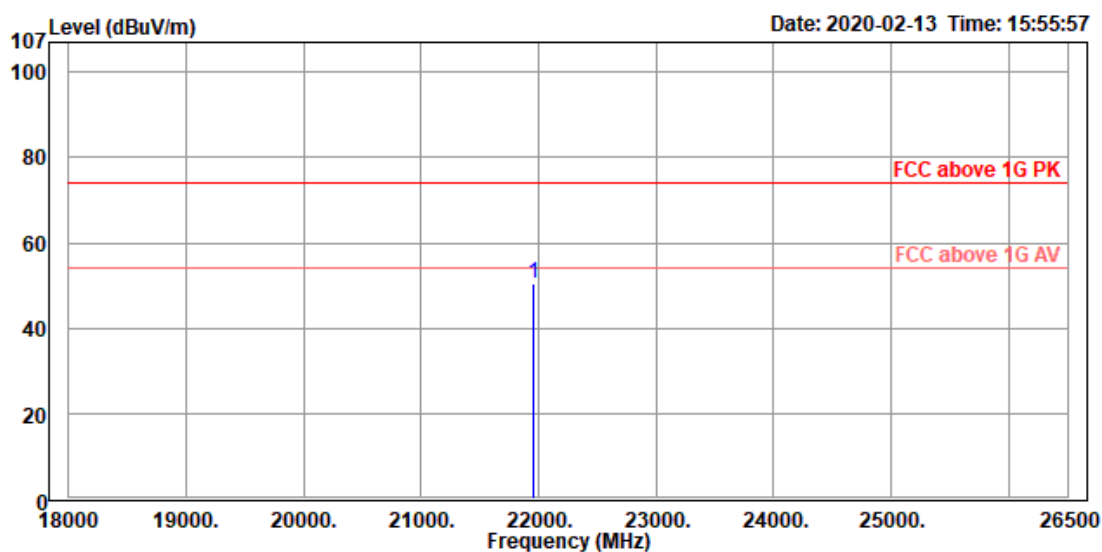


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Site : 966A Chamber A
 Condition : FCC above 1G PK 3m horizontal
 Test Engineer: Wade Cheng
 Product : Bluetooth stereo headset
 Model No. : EP-E50A
 Test Rating : 5Vdc by USB
 Temp/Hum : 22.5°C/50%
 Power Setting: 0,2,0
 Mode : 3DH5-TX-2480
 Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	20907.250	51.04	45.04	6.00	74.00	-22.96	100	305	Peak	



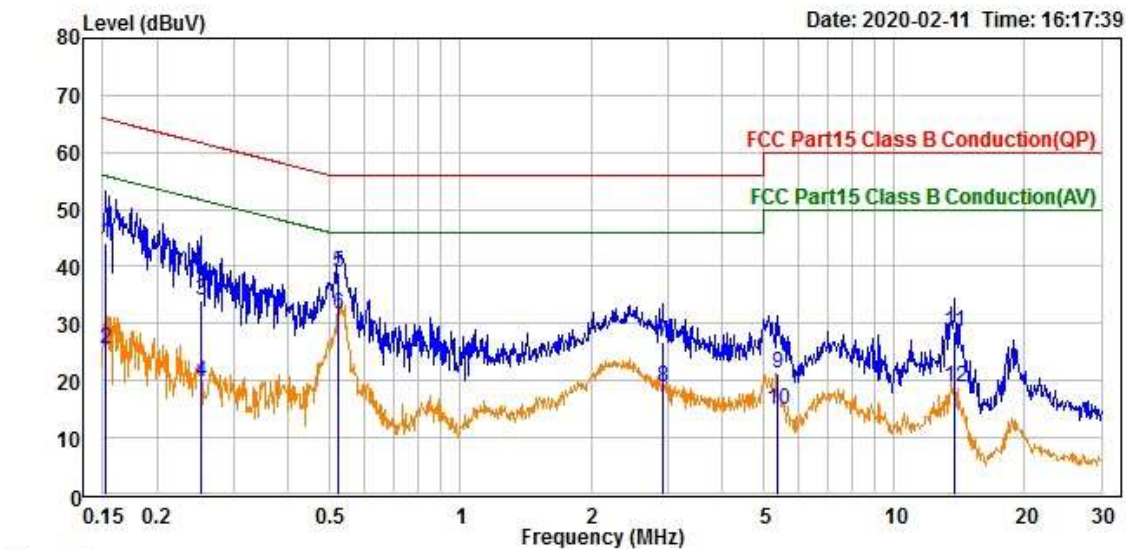
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Wade Cheng
Product : Bluetooth stereo headset
Model No. : EP-E50A
Test Rating : 5Vdc by USB
Tmp/Hum : 22.5°C/50%
Power Setting: 0,2,0
Mode : 3DH5-TX-2480
Memo : Y(Stand)

	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	21954.350	50.43	43.78	6.65	74.00	-23.57	100	175	Peak	

Spurious Emissions, AC Mains

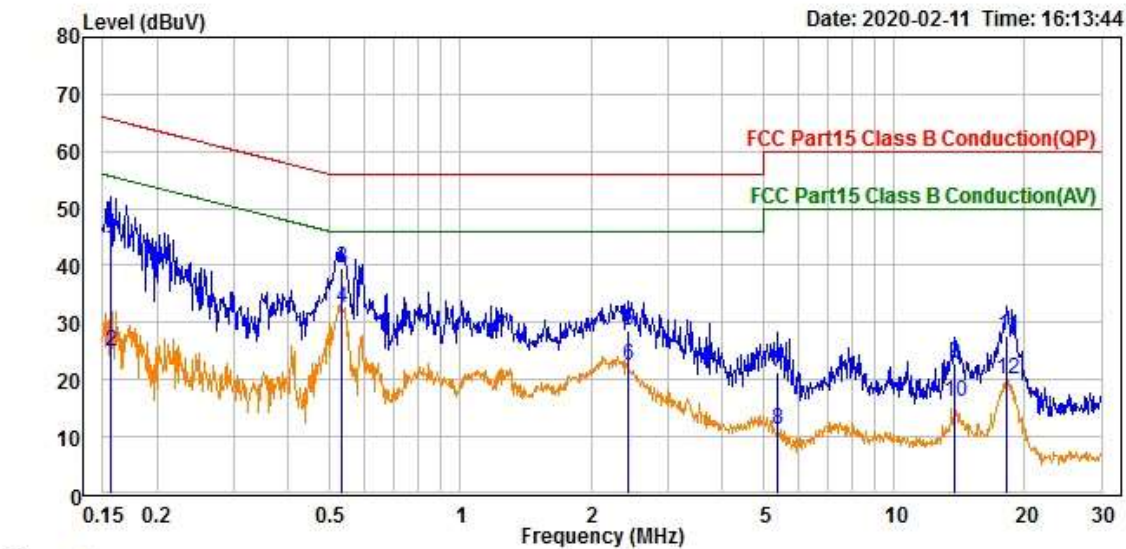


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Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.152	34.38	9.61	43.99	65.88	-21.89	QP
2	0.152	15.98	9.61	25.59	55.88	-30.29	Average
3	0.252	24.47	9.61	34.08	61.69	-27.61	QP
4	0.252	10.16	9.61	19.77	51.69	-31.92	Average
5	0.524	29.41	9.62	39.03	56.00	-16.97	QP
6	0.524	22.09	9.62	31.71	46.00	-14.29	Average
7	2.926	17.01	9.65	26.66	56.00	-29.34	QP
8	2.926	9.32	9.65	18.97	46.00	-27.03	Average
9	5.374	11.50	9.69	21.19	60.00	-38.81	QP
10	5.374	5.35	9.69	15.04	50.00	-34.96	Average
11	13.786	18.88	9.75	28.63	60.00	-31.37	QP
12	13.786	8.99	9.75	18.74	50.00	-31.26	Average



Trace: 1

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.156	33.34	9.62	42.96	65.67	-22.71	QP
2	0.156	15.31	9.62	24.93	55.67	-30.74	Average
3	0.532	30.04	9.63	39.67	56.00	-16.33	QP
4	0.532	23.04	9.63	32.67	46.00	-13.33	Average
5	2.433	19.04	9.66	28.70	56.00	-27.30	QP
6	2.433	12.75	9.66	22.41	46.00	-23.59	Average
7	5.401	11.47	9.70	21.17	60.00	-38.83	QP
8	5.401	1.52	9.70	11.22	50.00	-38.78	Average
9	13.786	12.98	9.78	22.76	60.00	-37.24	QP
10	13.786	6.21	9.78	15.99	50.00	-34.01	Average
11	18.225	17.89	9.81	27.70	60.00	-32.30	QP
12	18.225	10.16	9.81	19.97	50.00	-30.03	Average