

# Test Report No.50278817 001

## Appendix D: Radiated and Mains Spurious Emission Data

(File: 50278817 001AppendixD)

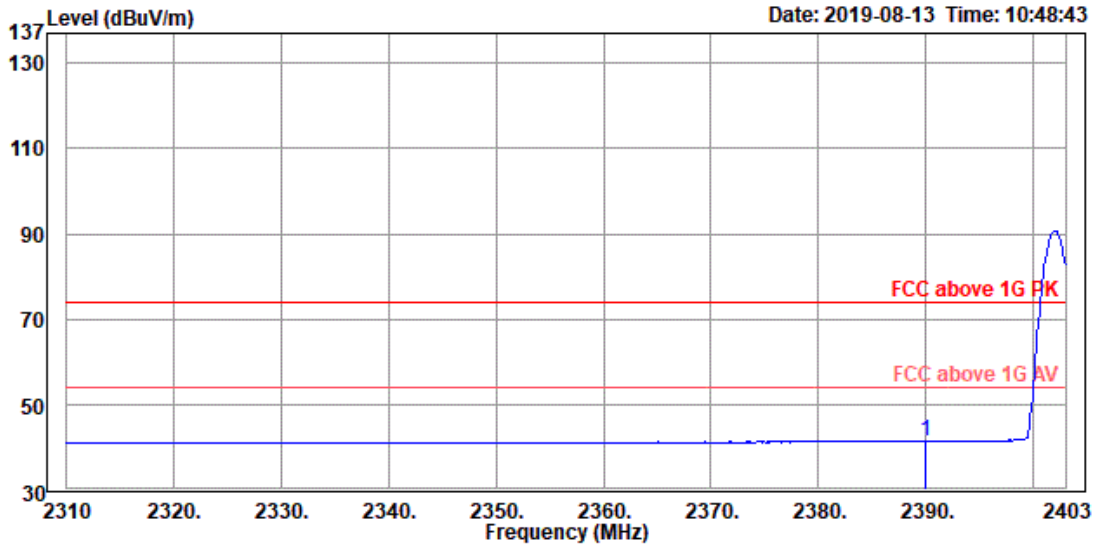
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# Spurious Emissions, Band Edges, 2.35-2.5G

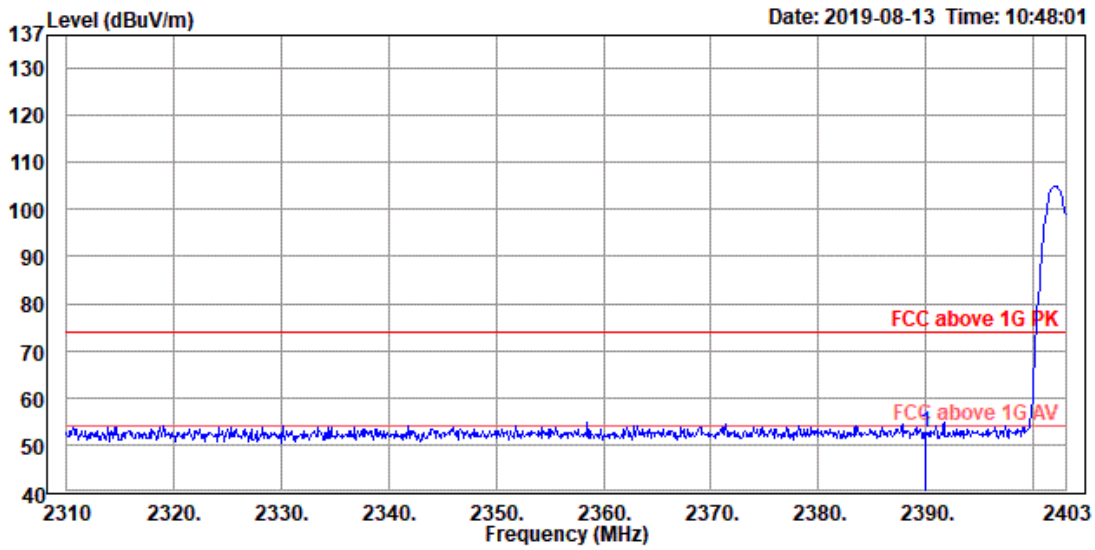


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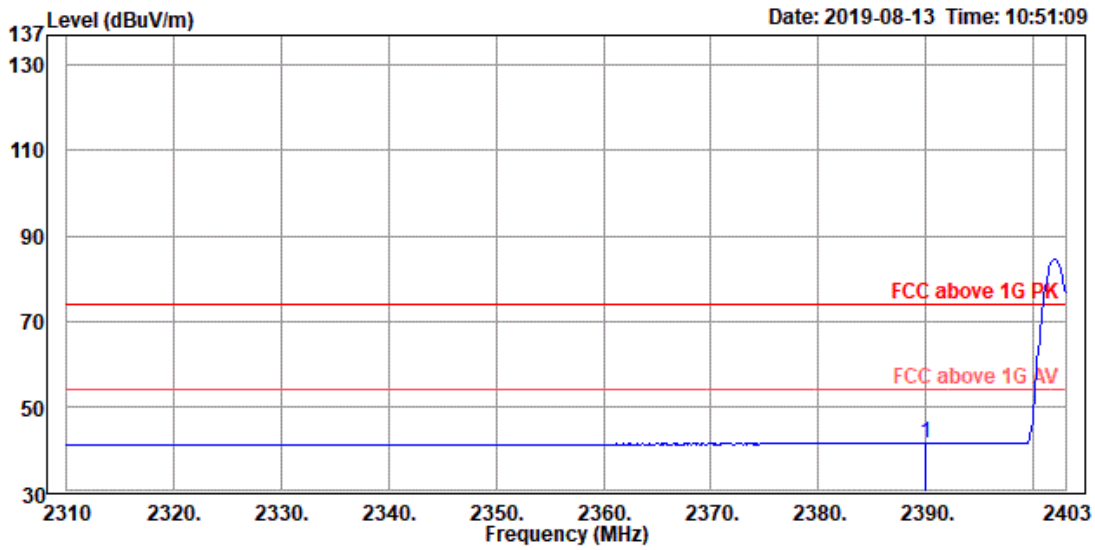
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	Freq	Level	Read Level	Limit Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2390.000	41.32	49.56	-8.24	54.00	-12.68	100	127	Average	



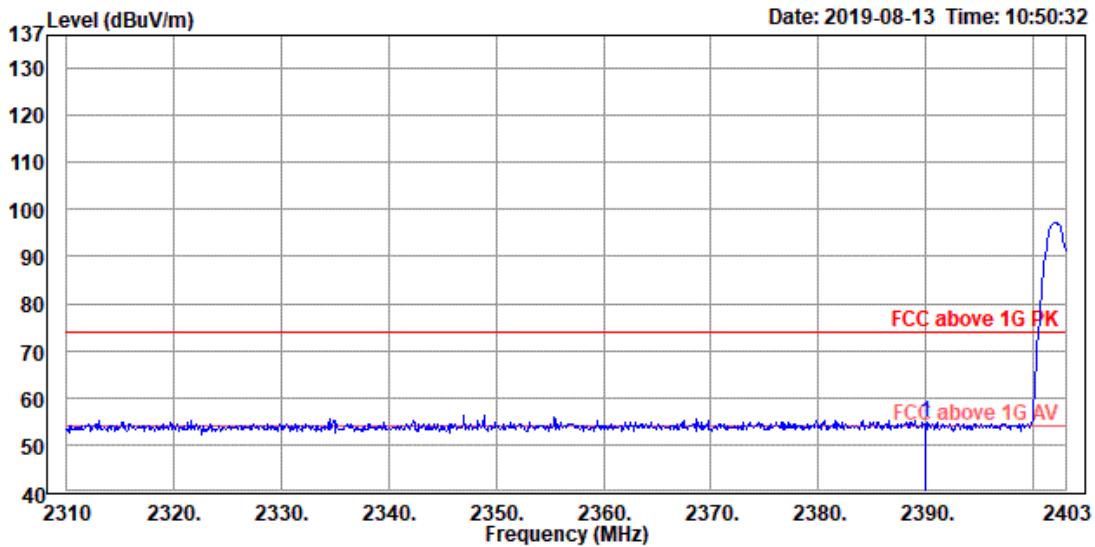
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	52.37	60.61	-8.24	74.00	-21.63	100	127	Peak	



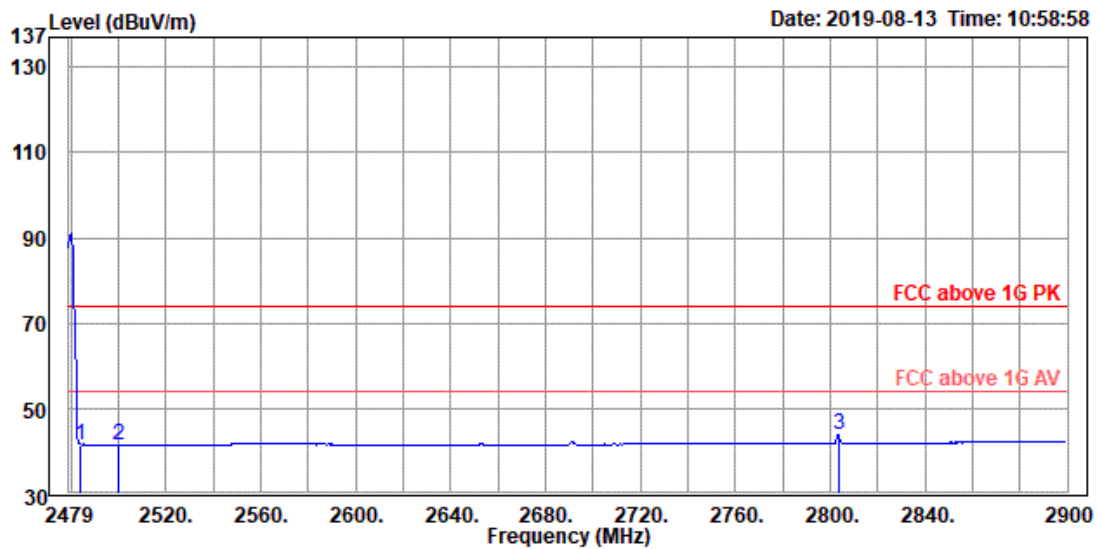
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	41.31	49.55	-8.24	54.00	-12.69	100	54	Average	



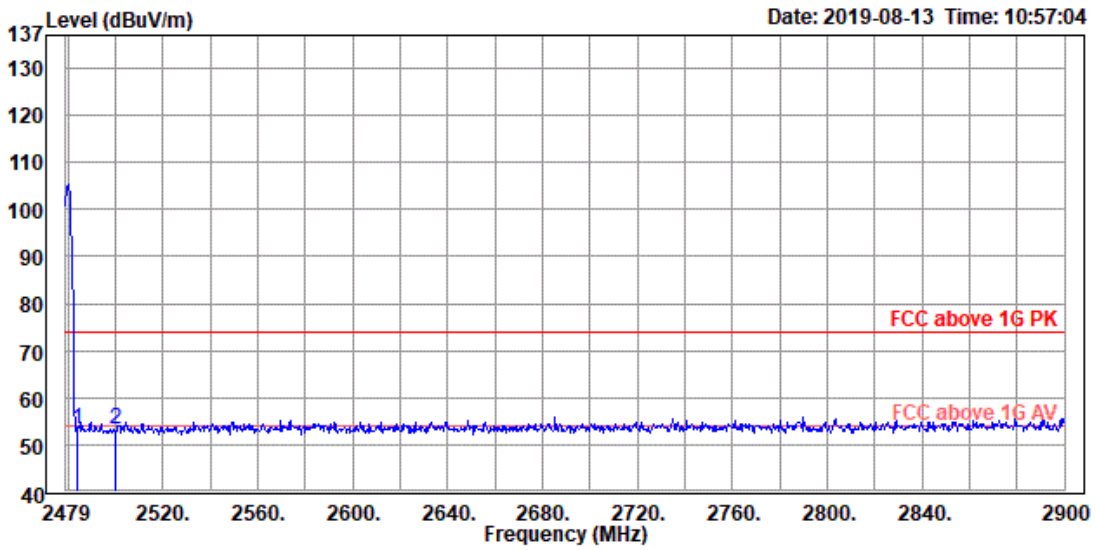
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	54.76	63.00	-8.24	74.00	-19.24	100	54	Peak	



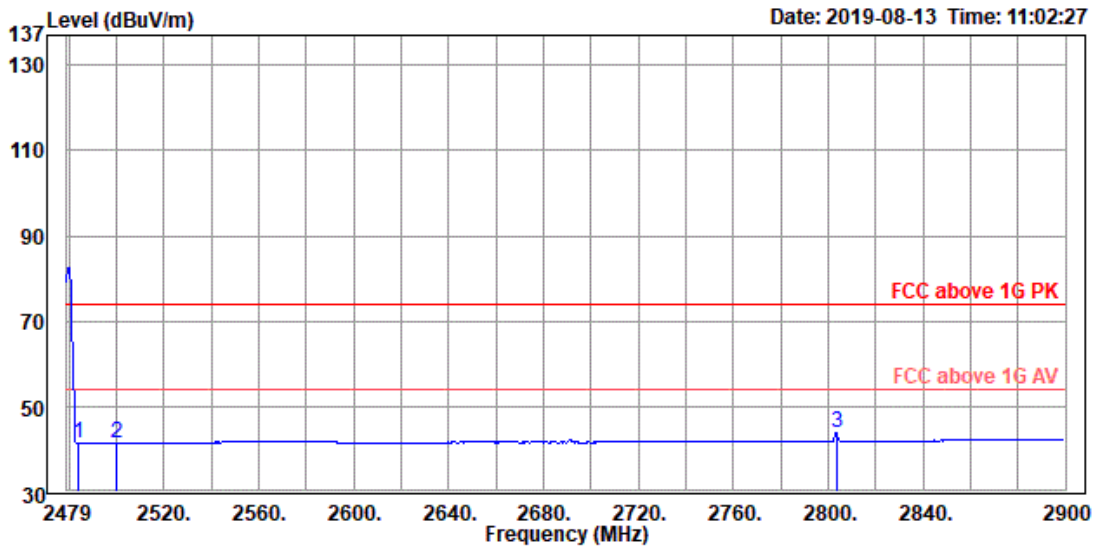
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

	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	41.46	49.57	-8.11	54.00	-12.54	100	195	Average	
2	2500.000	41.26	49.41	-8.15	54.00	-12.74	100	195	Average	
3	2803.591	43.69	51.32	-7.63	54.00	-10.31	100	195	Average	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

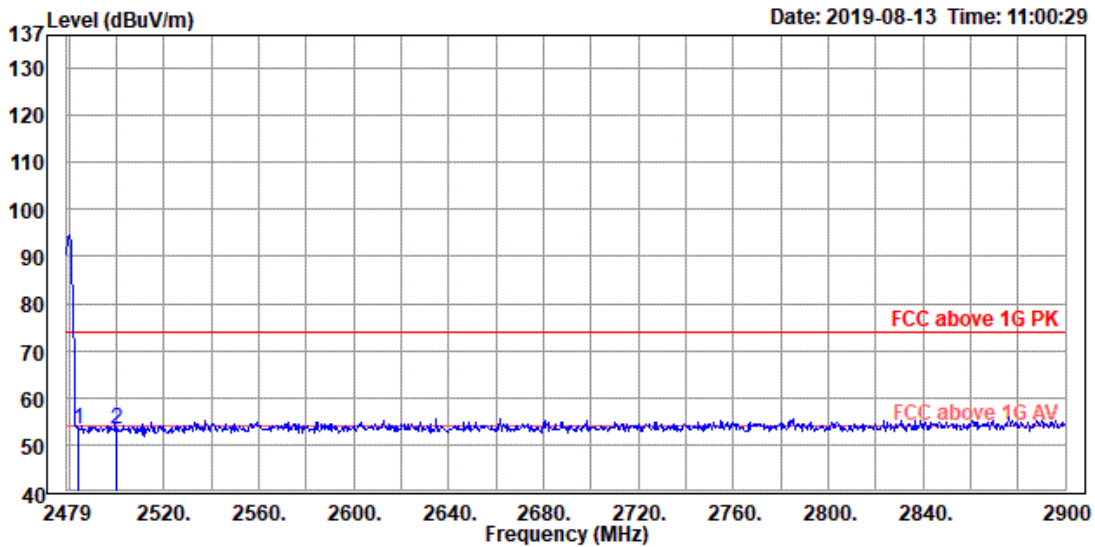
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	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	53.39	61.50	-8.11	74.00	-20.61	100	195	Peak	
2	2500.000	53.30	61.45	-8.15	74.00	-20.70	100	195	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

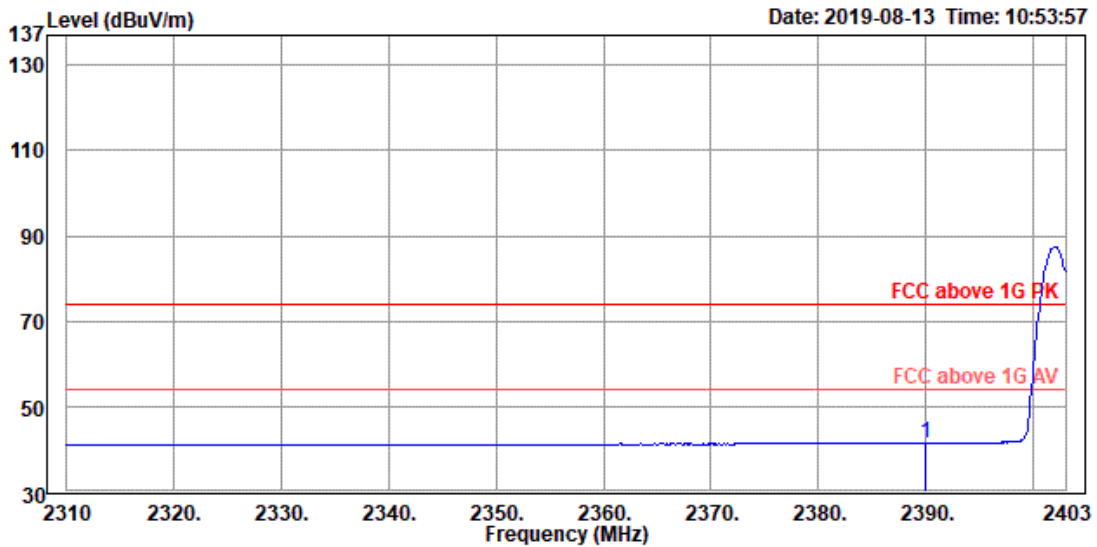
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	41.28	49.39	-8.11	54.00	-12.72	100	142	Average	
2	2500.000	41.25	49.40	-8.15	54.00	-12.75	100	142	Average	
3	2803.591	43.69	51.32	-7.63	54.00	-10.31	100	142	Average	





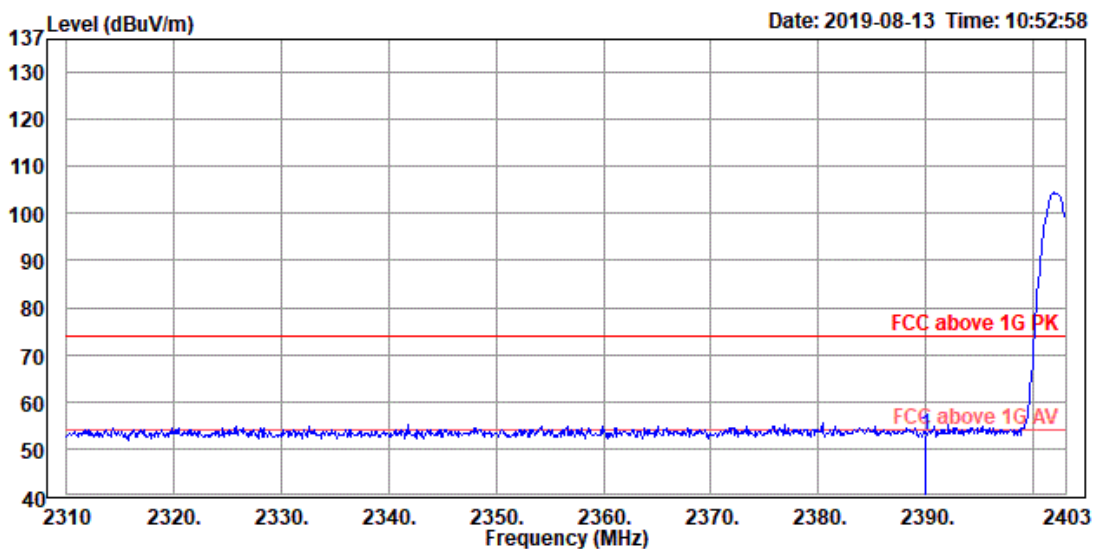
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

	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	53.38	61.49	-8.11	74.00	-20.62	100	142	Peak	
2	2500.000	53.14	61.29	-8.15	74.00	-20.86	100	142	Peak	



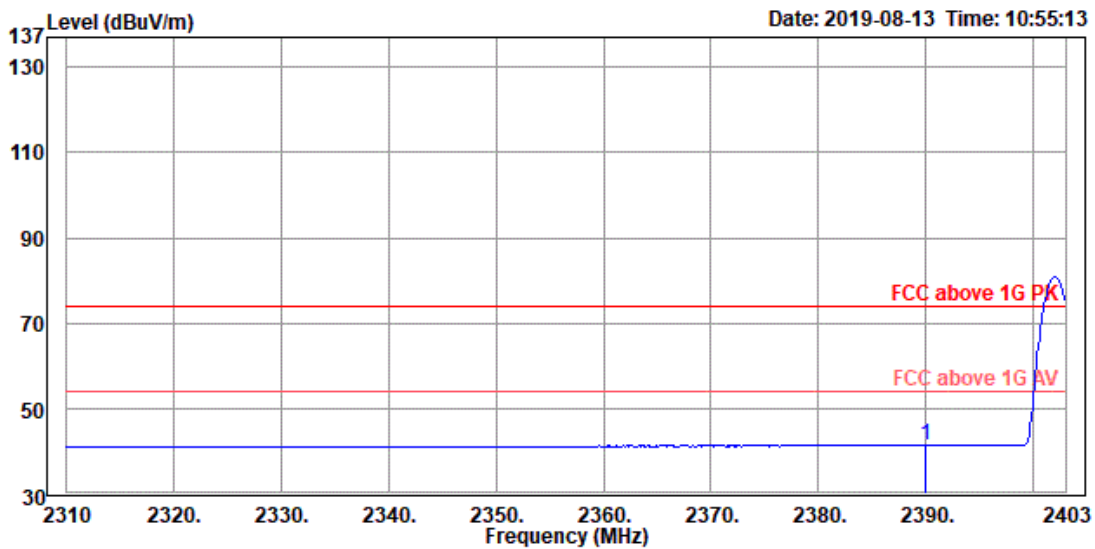
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	41.39	49.63	-8.24	54.00	-12.61	100	124	Average	



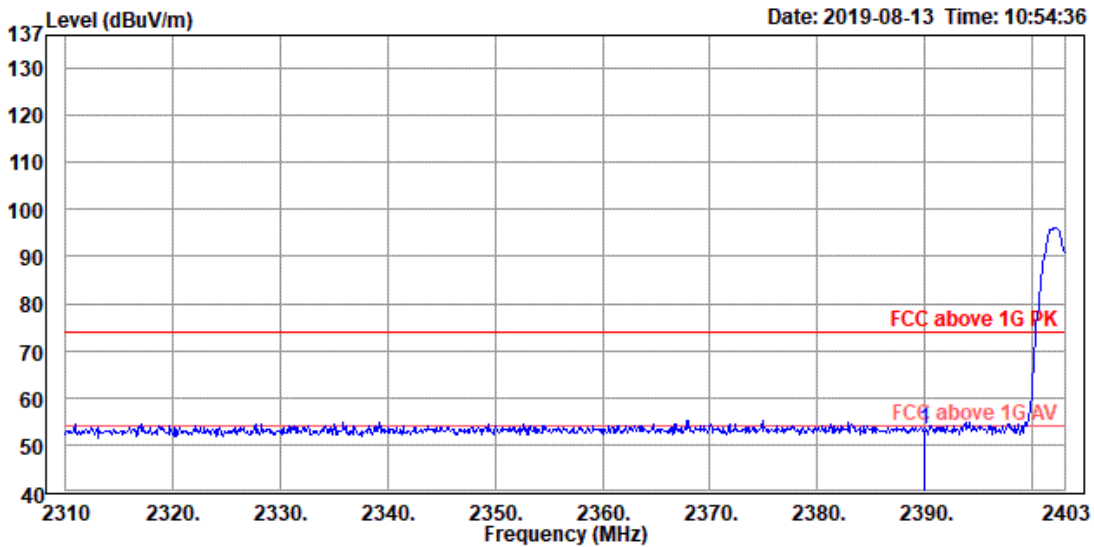
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	52.81	61.05	-8.24	74.00	-21.19	100	124	Peak	



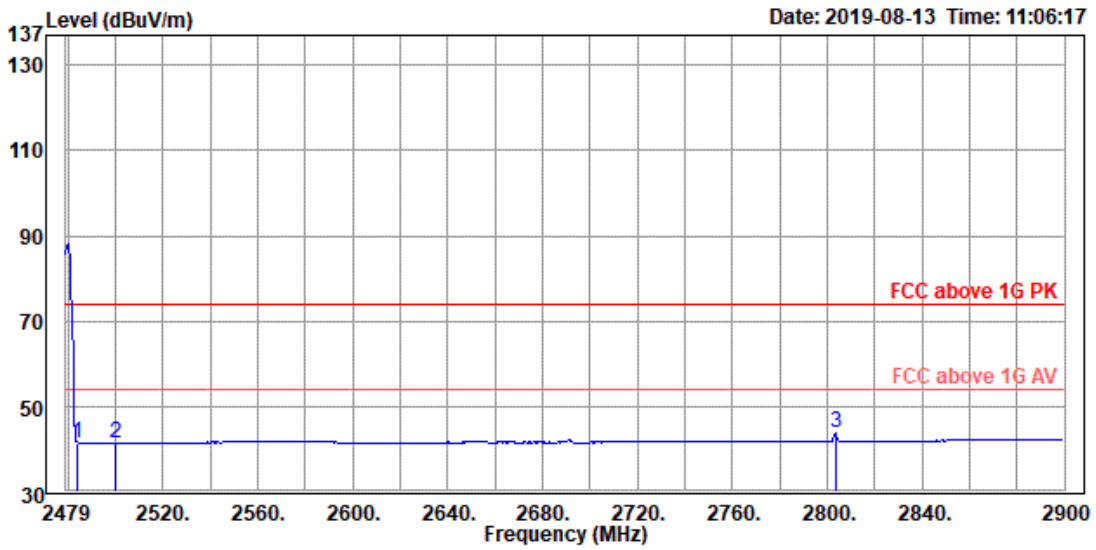
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	41.33	49.57	-8.24	54.00	-12.67	100	64	Average	



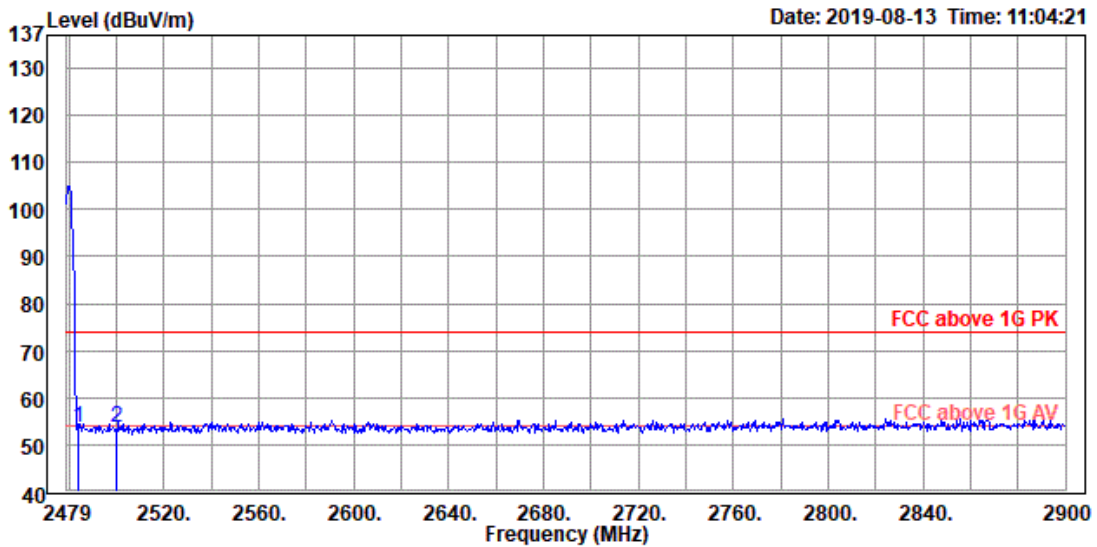
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	53.26	61.50	-8.24	74.00	-20.74	100	64	Peak	



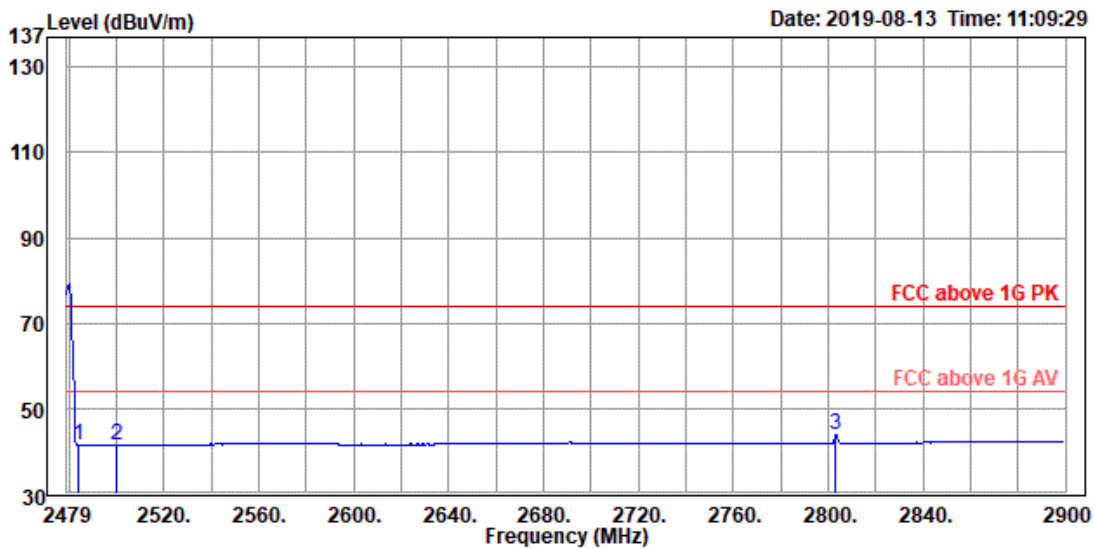
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	41.46	49.57	-8.11	54.00	-12.54	100	193	Average	
2	2500.000	41.34	49.49	-8.15	54.00	-12.66	100	193	Average	
3	2803.591	43.68	51.31	-7.63	54.00	-10.32	100	193	Average	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m Horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

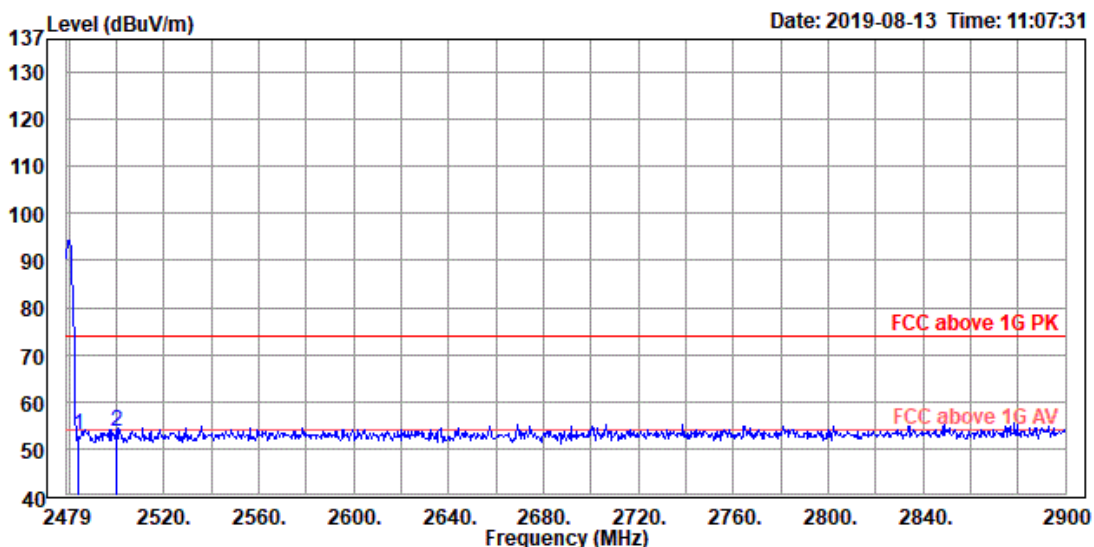
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	2483.500	53.75	61.86	-8.11	74.00	-20.25	100	193	Peak	
2	2500.000	53.75	61.90	-8.15	74.00	-20.25	100	193	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	41.34	49.45	-8.11	54.00	-12.66	100	79	Average	
2	2500.000	41.32	49.47	-8.15	54.00	-12.68	100	79	Average	
3	2803.170	43.69	51.32	-7.63	54.00	-10.31	100	79	Average	





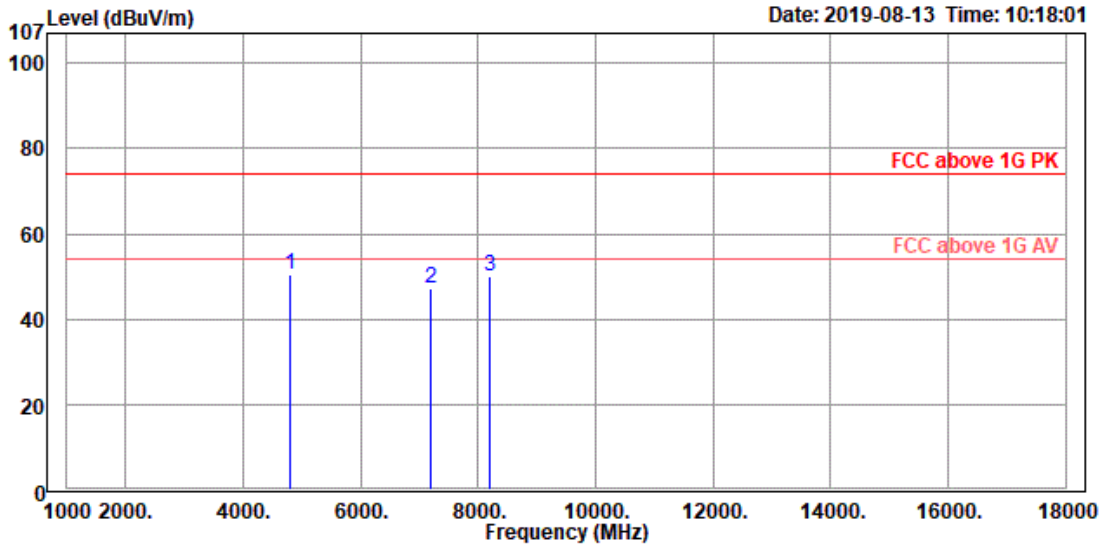
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	52.82	60.93	-8.11	74.00	-21.18	100	79	Peak	
2	2500.000	53.59	61.74	-8.15	74.00	-20.41	100	79	Peak	

# Spurious Emissions, TX Mode, 1-18G

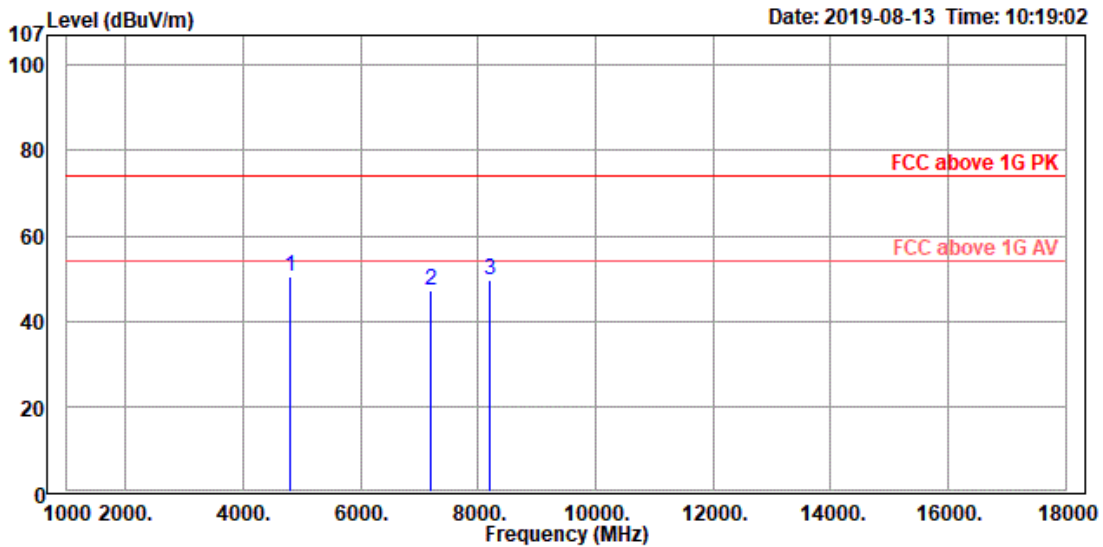


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 Tel:+886-2172-7000 Fax:+886-2528-0018



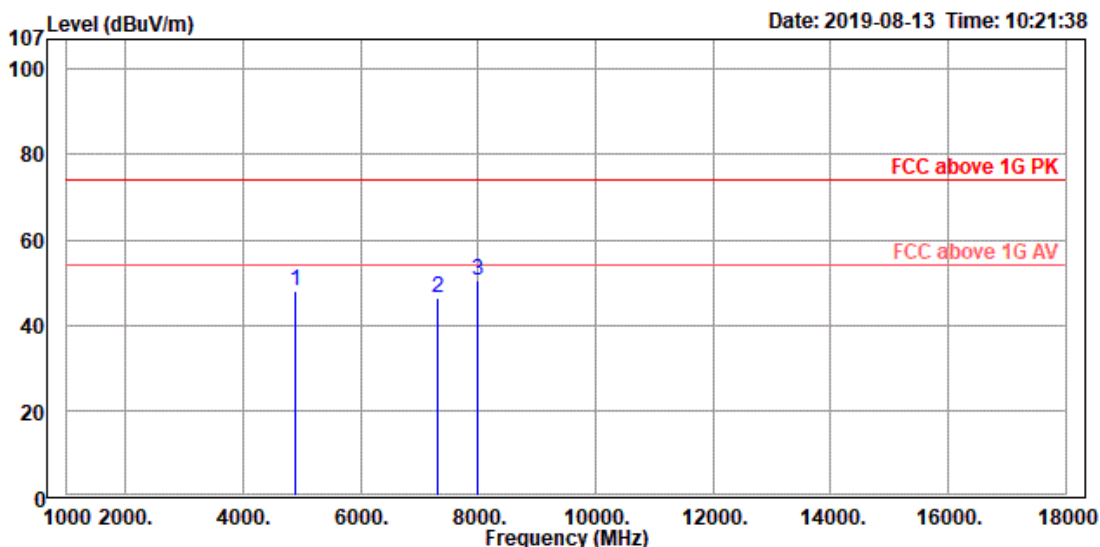
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	50.27	52.71	-2.44	74.00	-23.73	100	315	Peak	
2	7206.000	47.19	41.72	5.47	74.00	-26.81	100	328	Peak	
3	8191.000	50.15	43.89	6.26	74.00	-23.85	100	182	Peak	



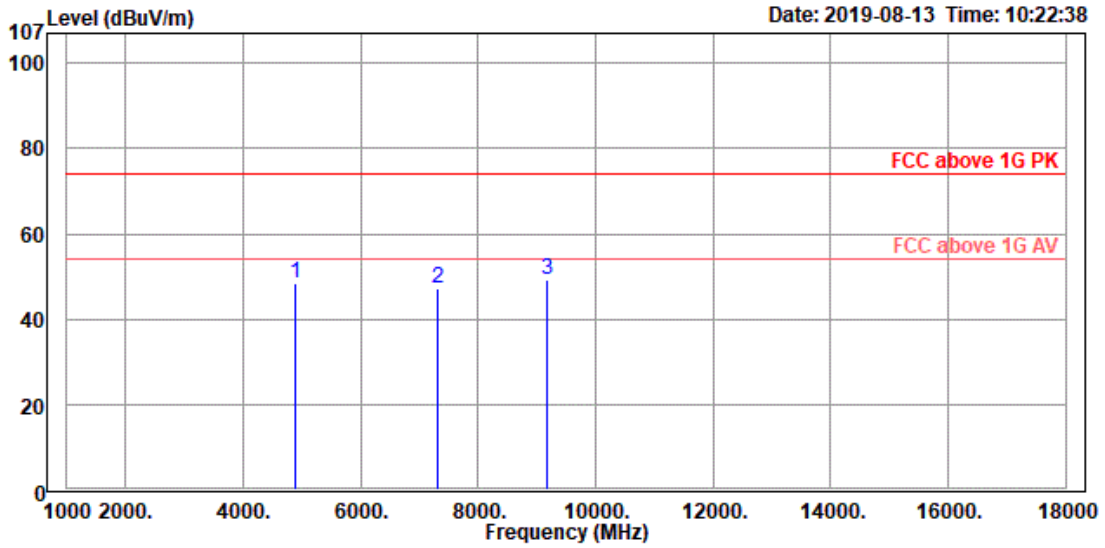
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	50.57	53.01	-2.44	74.00	-23.43	100	165	Peak	
2	7206.000	47.11	41.64	5.47	74.00	-26.89	100	34	Peak	
3	8208.000	49.55	43.26	6.29	74.00	-24.45	100	0	Peak	



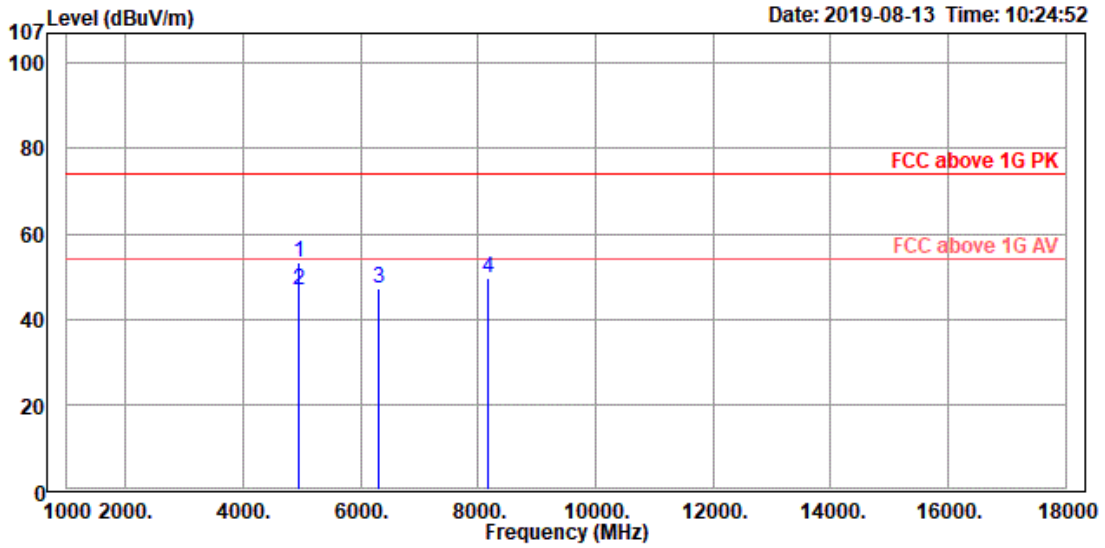
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	48.13	50.41	-2.28	74.00	-25.87	100	315	Peak	
2	7323.000	46.24	40.53	5.71	74.00	-27.76	100	360	Peak	
3	8004.000	50.28	44.23	6.05	74.00	-23.72	100	241	Peak	



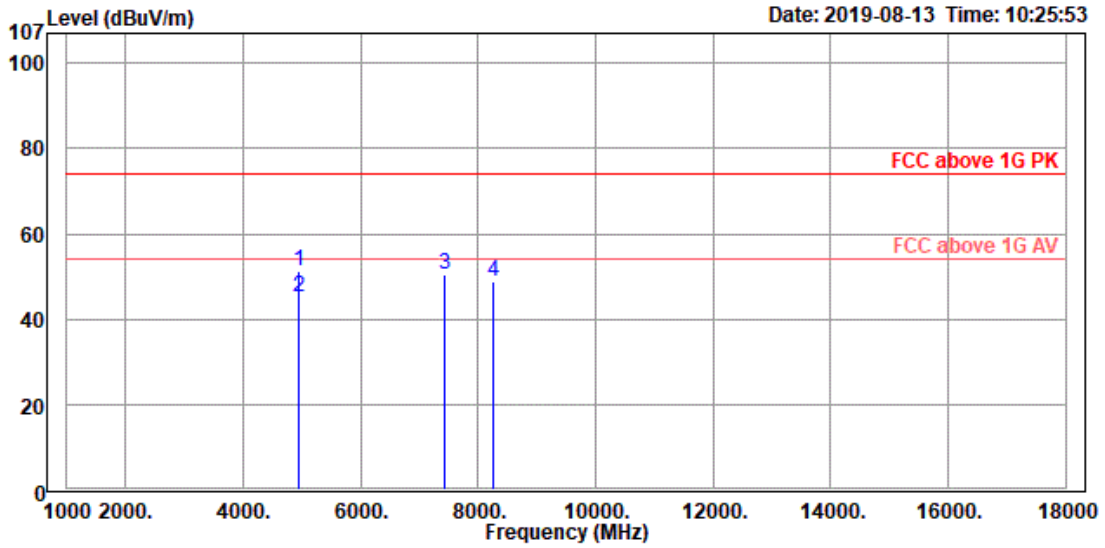
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	48.43	50.71	-2.28	74.00	-25.57	100	160	Peak	
2	7323.000	47.21	41.50	5.71	74.00	-26.79	100	184	Peak	
3	9177.000	49.29	42.63	6.66	74.00	-24.71	100	294	Peak	



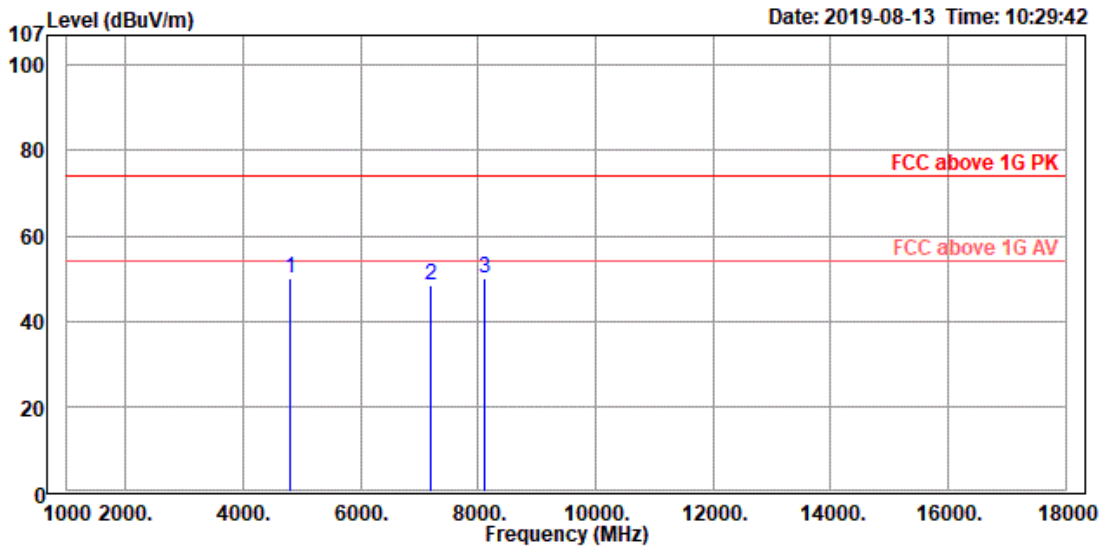
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

	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	53.11	55.10	-1.99	74.00	-20.89	100	62	Peak	
2	4960.000	46.80	48.79	-1.99	54.00	-7.20	100	62	Average	
3	6321.000	47.12	42.44	4.68	74.00	-26.88	100	267	Peak	
4	8157.000	49.66	43.46	6.20	74.00	-24.34	100	172	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

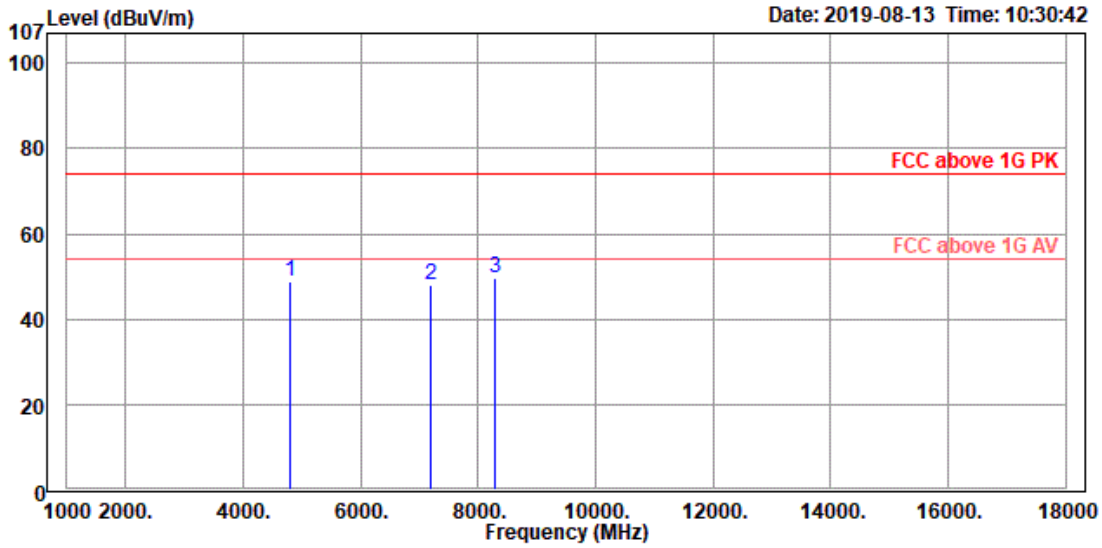
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4960.000	51.28	53.27	-1.99	74.00	-22.72	100	153	Peak	
2	4960.000	45.25	47.24	-1.99	54.00	-8.75	100	153	Average	
3	7440.000	50.25	44.21	6.04	74.00	-23.75	100	206	Peak	
4	8259.000	48.96	42.59	6.37	74.00	-25.04	100	249	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

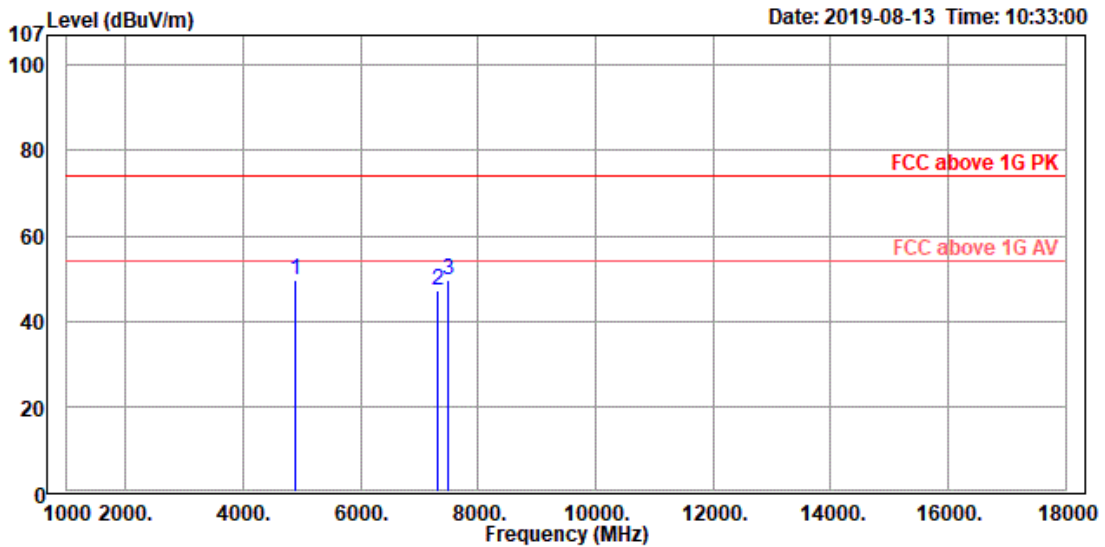
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	4804.000	49.84	52.28	-2.44	74.00	-24.16	100	294	Peak	
2	7206.000	48.50	43.03	5.47	74.00	-25.50	100	359	Peak	
3	8123.000	49.85	43.70	6.15	74.00	-24.15	100	216	Peak	





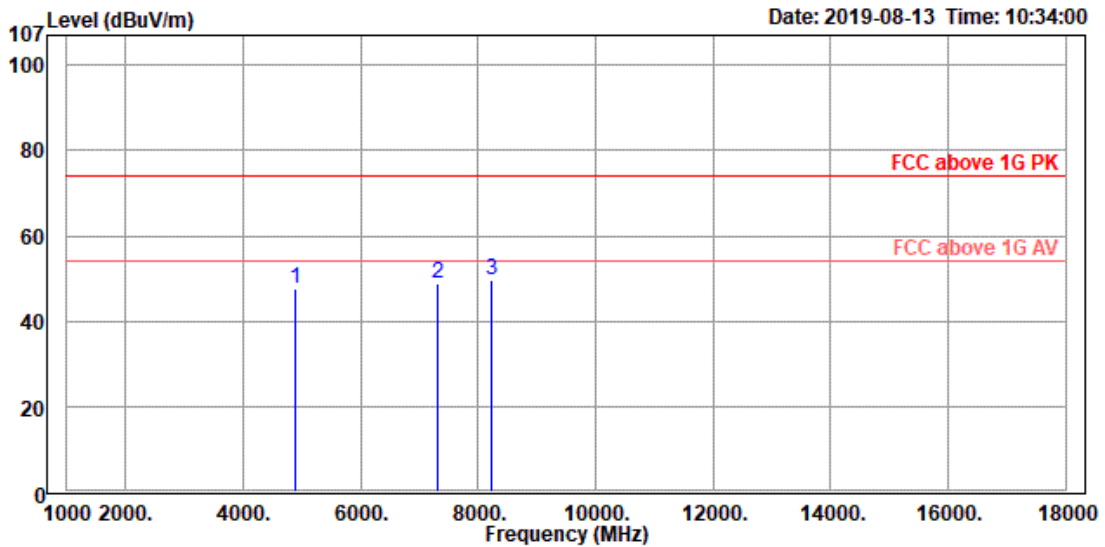
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	48.95	51.39	-2.44	74.00	-25.05	100	171	Peak	
2	7206.000	48.13	42.66	5.47	74.00	-25.87	100	83	Peak	
3	8276.000	49.54	43.15	6.39	74.00	-24.46	100	301	Peak	



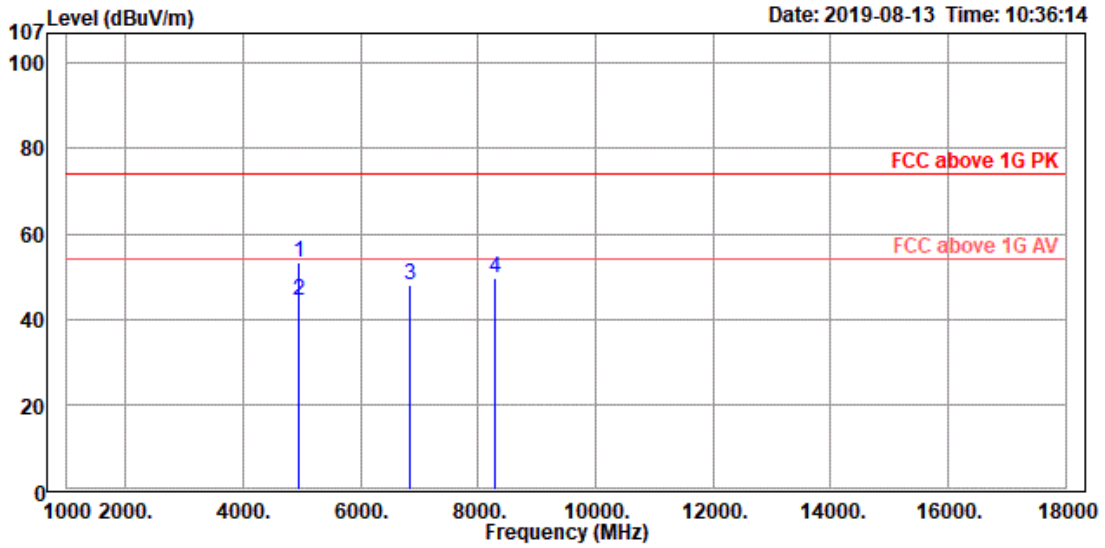
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2441  
 Memo : Z

	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	49.52	51.80	-2.28	74.00	-24.48	100	173	Peak	
2	7323.000	46.99	41.28	5.71	74.00	-27.01	100	101	Peak	
3	7477.000	49.62	43.47	6.15	74.00	-24.38	100	225	Peak	



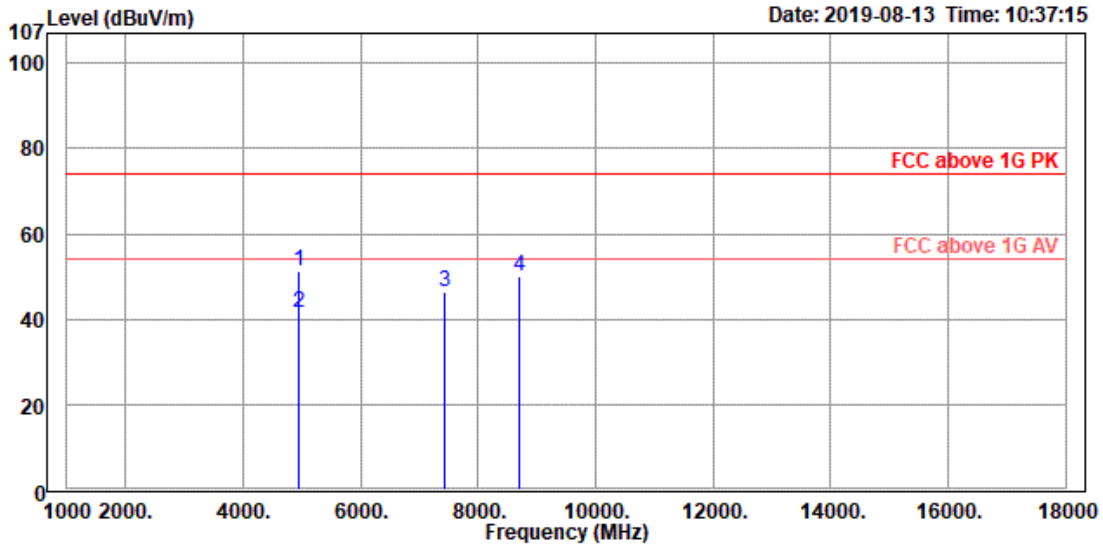
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2441  
 Memo : Z

	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	47.64	49.92	-2.28	74.00	-26.36	100	155	Peak	
2	7323.000	48.99	43.28	5.71	74.00	-25.01	100	139	Peak	
3	8225.000	49.67	43.36	6.31	74.00	-24.33	100	279	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	53.50	55.49	-1.99	74.00	-20.50	100	85	Peak	
2	4960.000	44.42	46.41	-1.99	54.00	-9.58	100	85	Average	
3	6848.000	48.00	43.04	4.96	74.00	-26.00	100	294	Peak	
4	8293.000	49.54	43.13	6.41	74.00	-24.46	100	360	Peak	



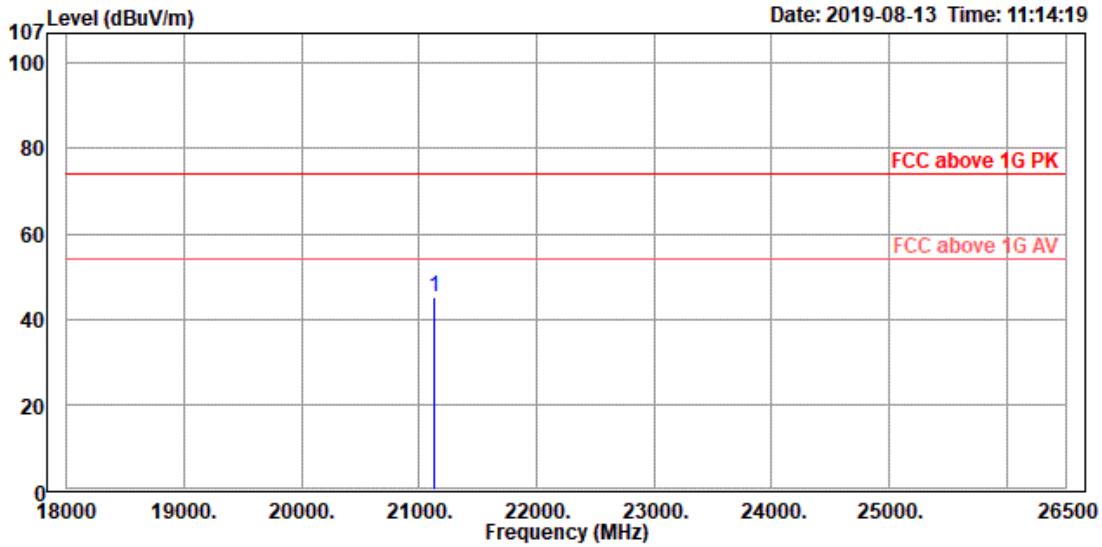
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	51.36	53.35	-1.99	74.00	-22.64	100	147	Peak	
2	4960.000	41.66	43.65	-1.99	54.00	-12.34	100	147	Average	
3	7440.000	46.50	40.46	6.04	74.00	-27.50	100	124	Peak	
4	8701.000	50.12	43.38	6.74	74.00	-23.88	100	147	Peak	

# Spurious Emissions, TX Mode, 18-26.5G

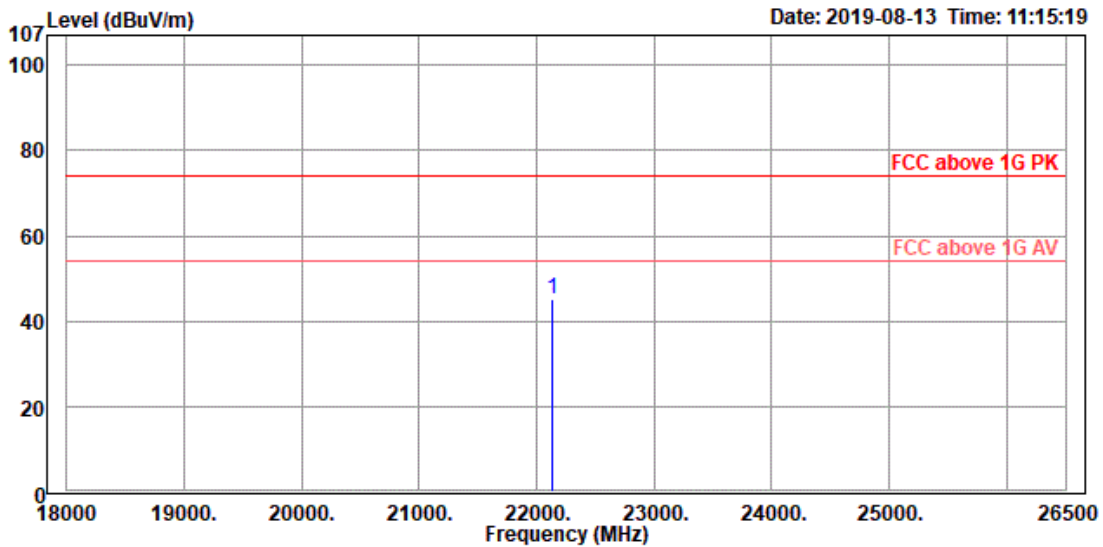


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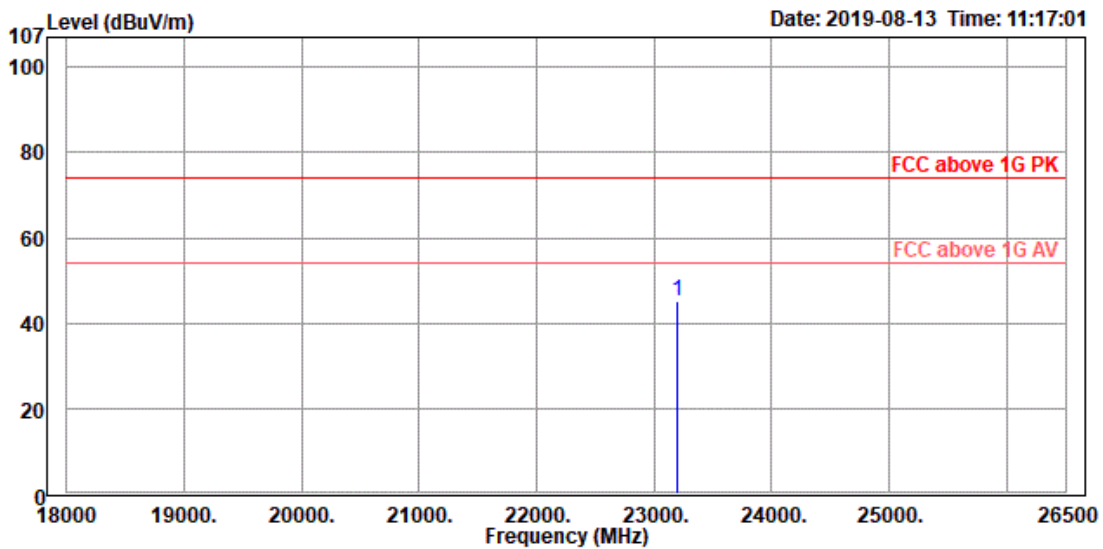
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

	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	21128.000	45.02	45.58	-0.56	74.00	-28.98	100	287	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2402  
 Memo : Z

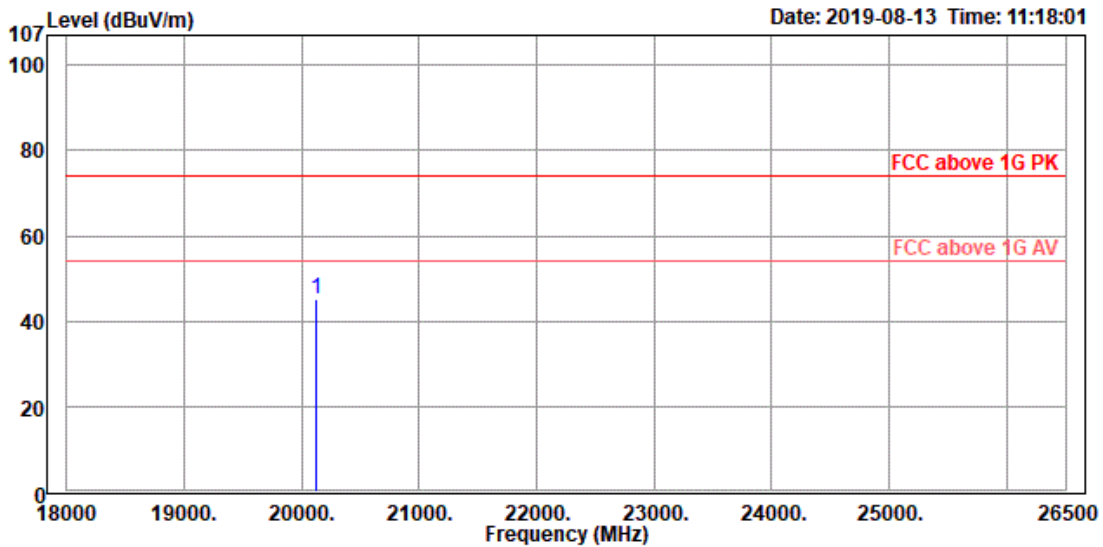
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	22131.000	45.17	45.33	-0.16	74.00	-28.83	100	115	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

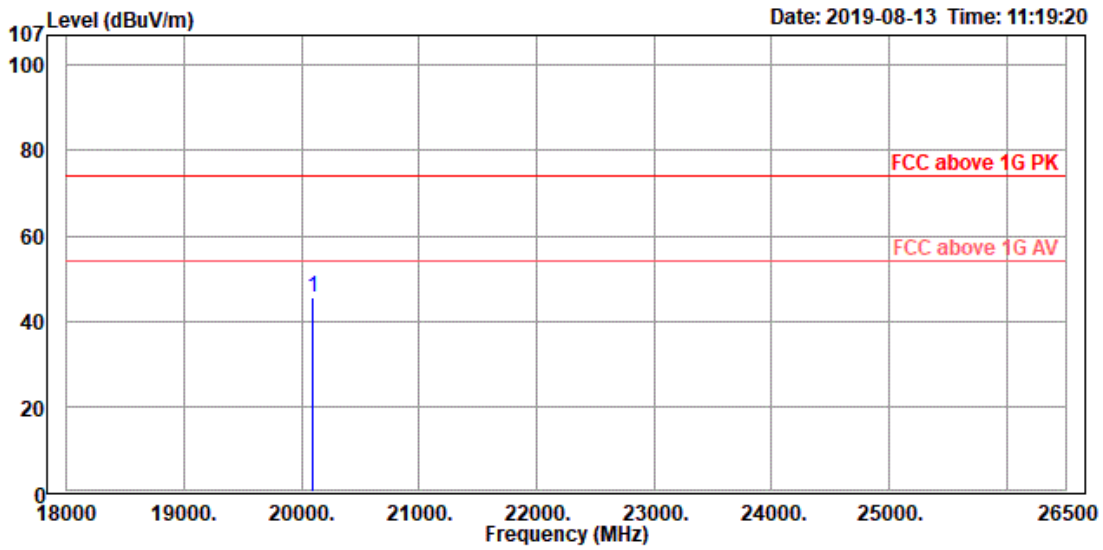
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	23202.000	45.26	44.37	0.89	74.00	-28.74	100	360	Peak	





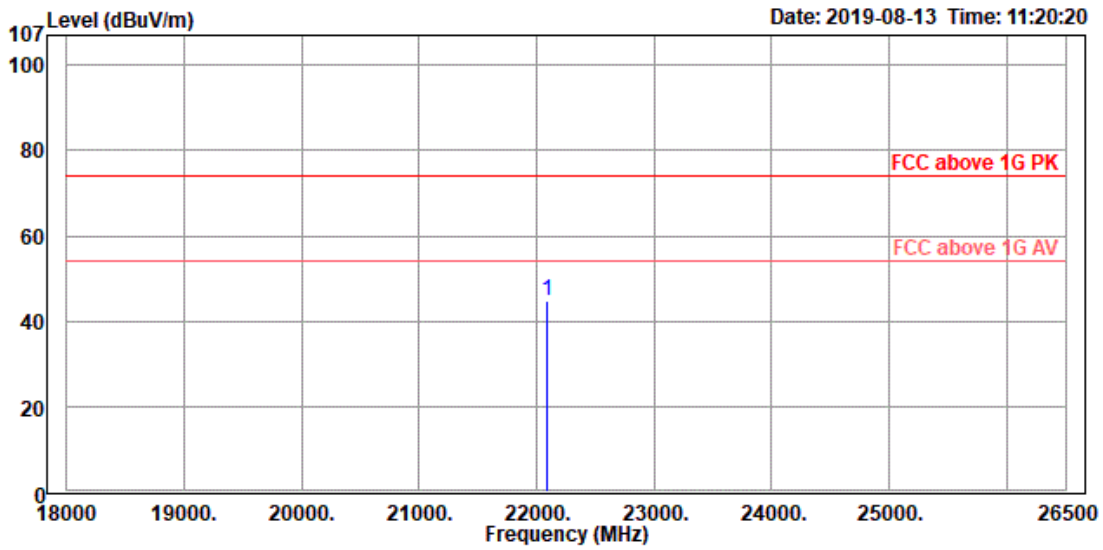
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	20116.500	45.34	46.69	-1.35	74.00	-28.66	100	77	Peak	



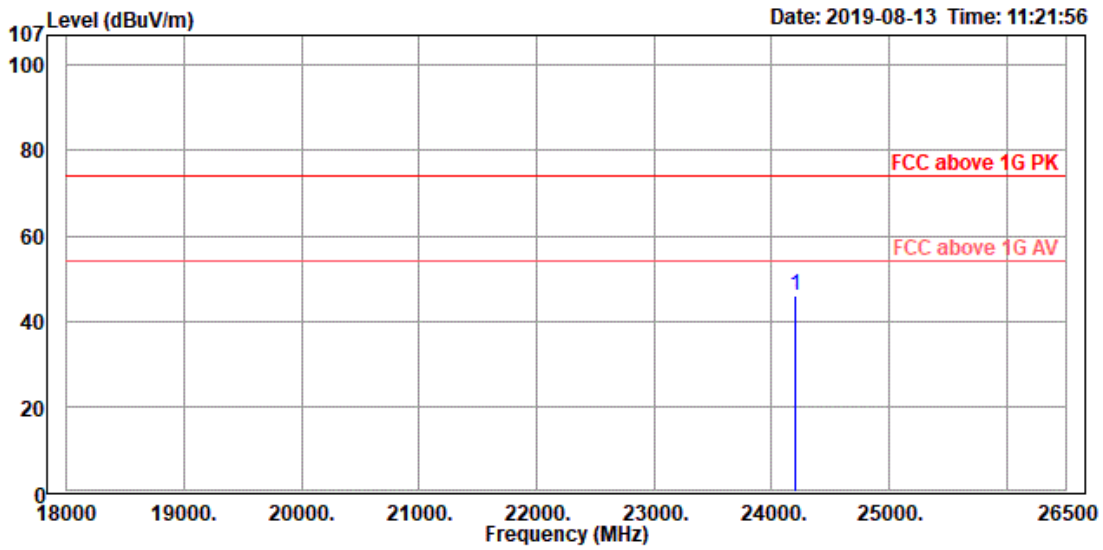
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

	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	20091.000	45.67	47.12	-1.45	74.00	-28.33	100	10	Peak	



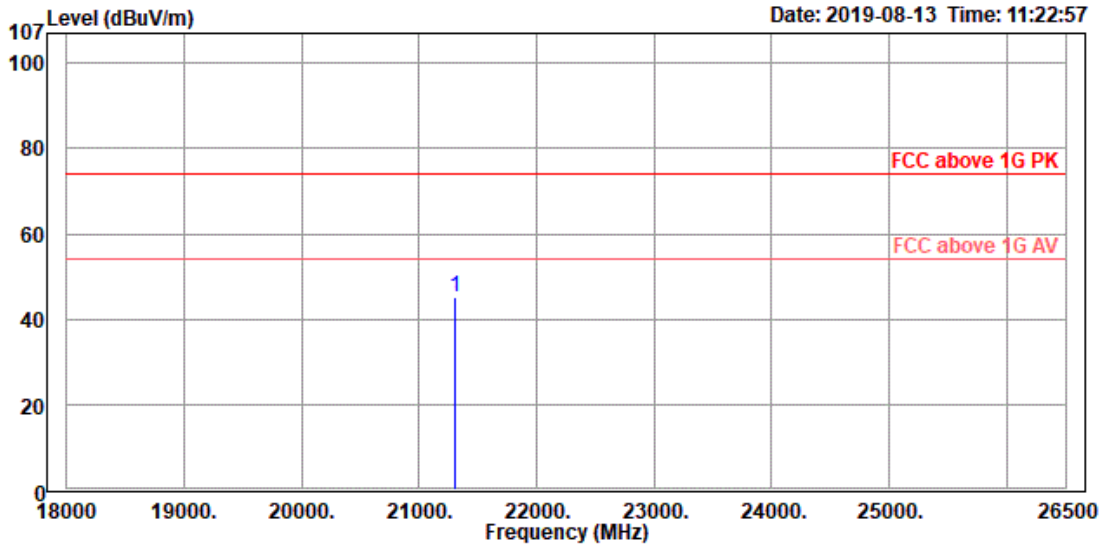
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2480  
 Memo : Z

	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	22088.500	44.72	44.95	-0.23	74.00	-29.28	100	162	Peak	



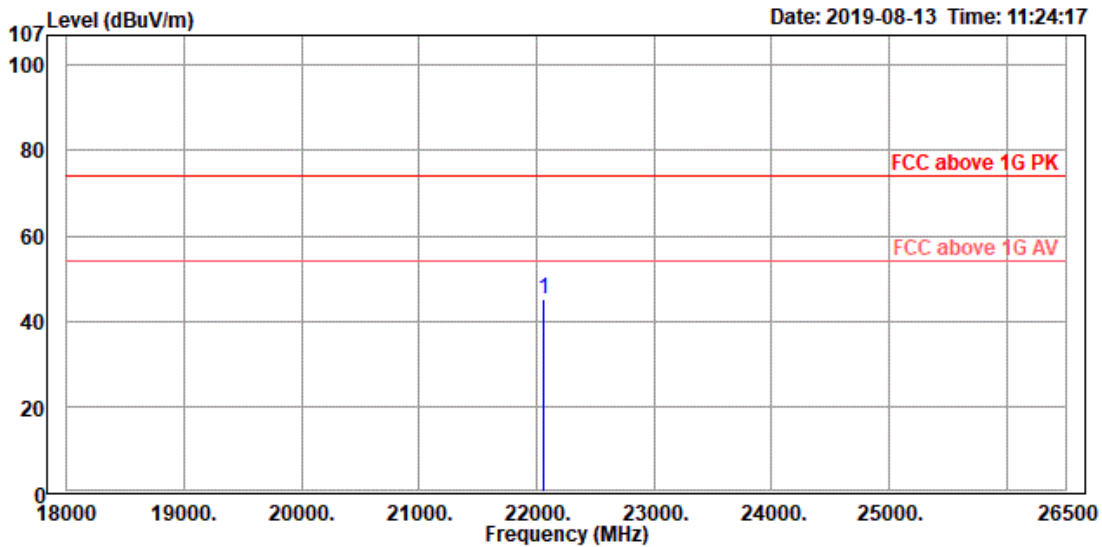
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	24205.000	45.92	44.55	1.37	74.00	-28.08	100	92	Peak	



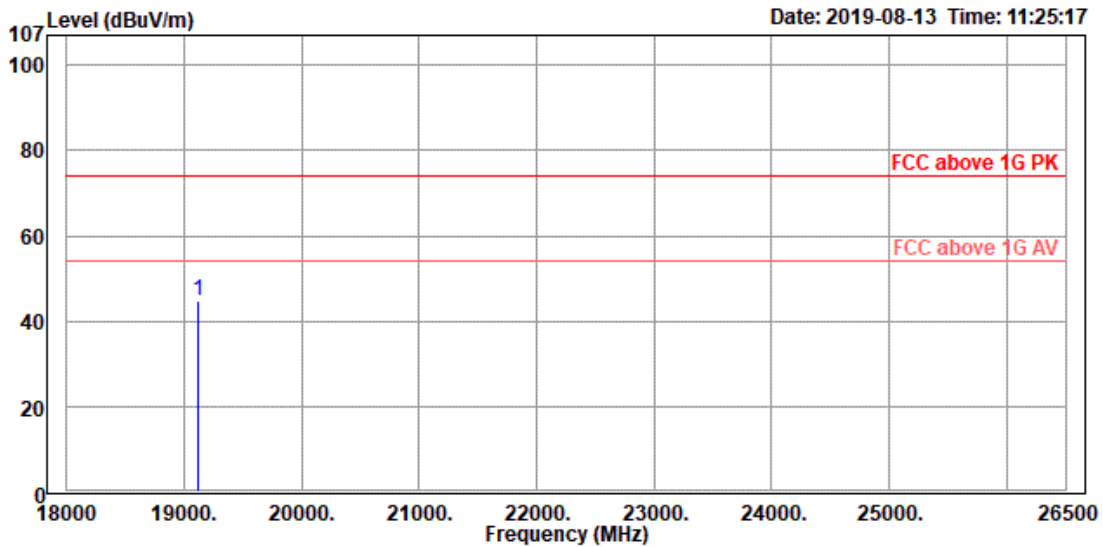
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2402  
 Memo : Z

	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	21298.000	45.35	45.69	-0.34	74.00	-28.65	100	354	Peak	



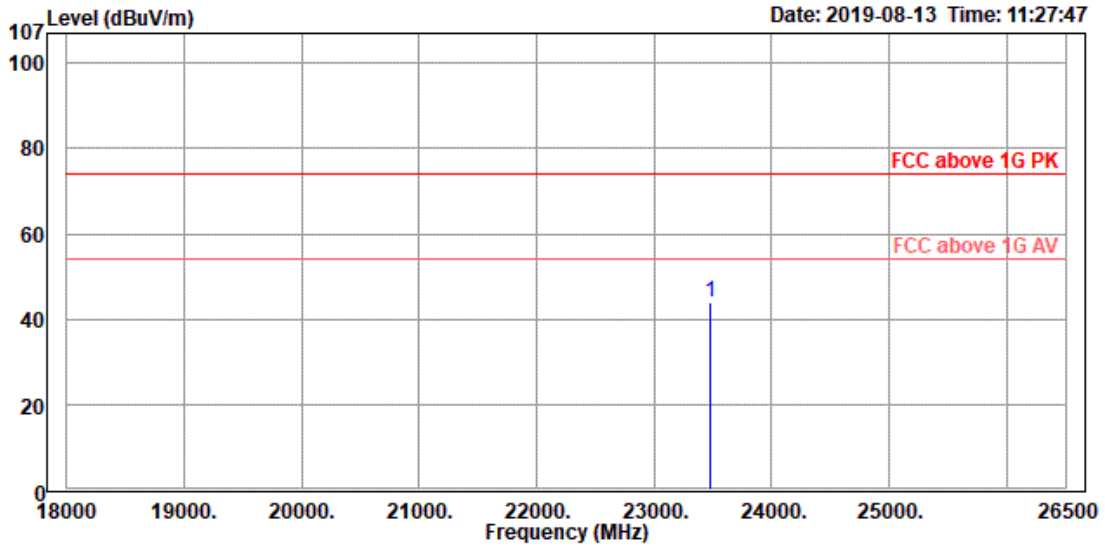
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2441  
 Memo : Z

	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	22054.500	45.02	45.32	-0.30	74.00	-28.98	100	116	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2441  
 Memo : Z

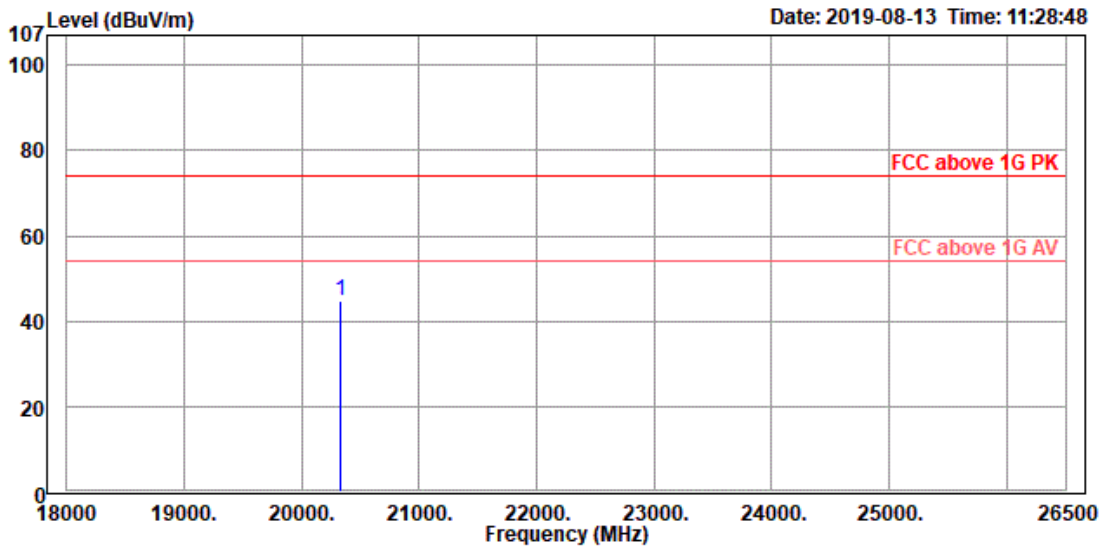
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	19113.500	44.64	47.25	-2.61	74.00	-29.36	100	73	Peak	



Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	23482.500	44.10	43.05	1.05	74.00	-29.90	100	182	Peak	





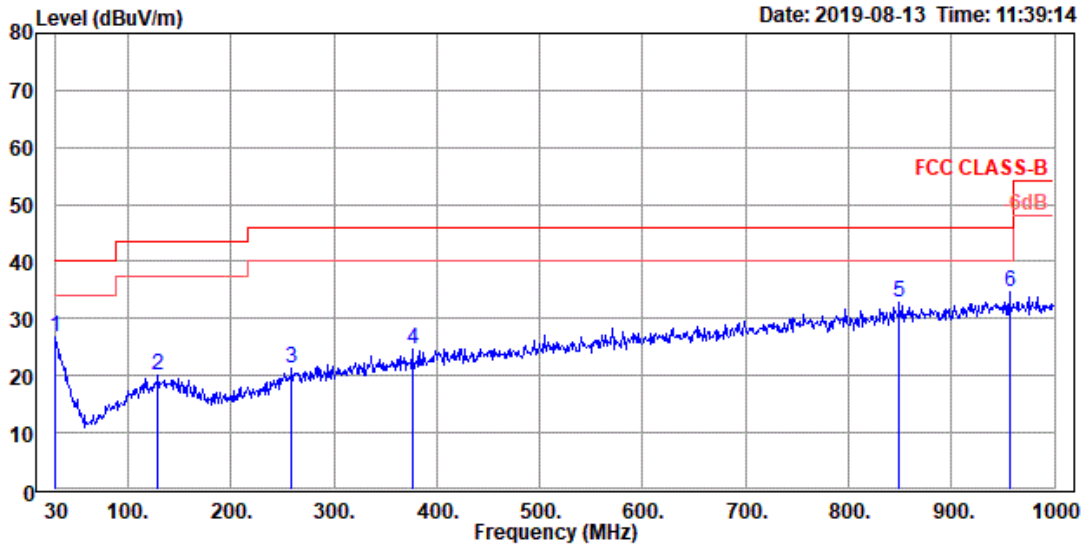
Site : 966A Chamber A  
 Condition : FCC above 1G PK 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 3DH5-TX-2480  
 Memo : Z

	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	20329.000	44.88	45.78	-0.90	74.00	-29.12	100	3	Peak	

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

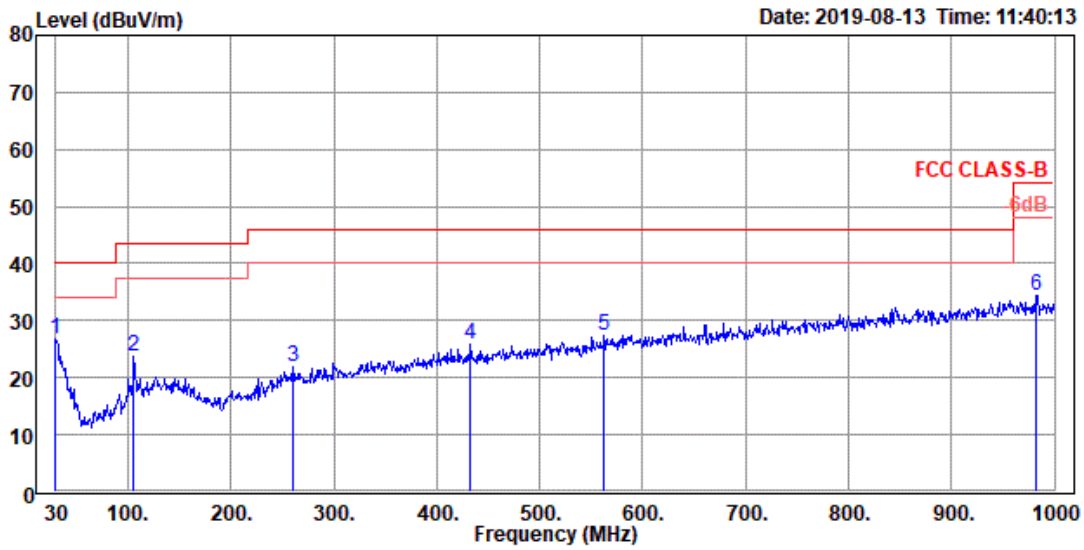


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Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m horizontal  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	26.77	26.75	0.02	40.00	-13.23	100	33	QP	
2	128.940	20.05	27.09	-7.04	43.50	-23.45	100	29	QP	
3	258.920	21.24	26.18	-4.94	46.00	-24.76	100	176	QP	
4	376.290	24.59	27.67	-3.08	46.00	-21.41	100	105	QP	
5	849.650	32.90	29.25	3.65	46.00	-13.10	100	205	QP	
6	956.350	34.75	29.06	5.69	46.00	-11.25	100	59	QP	



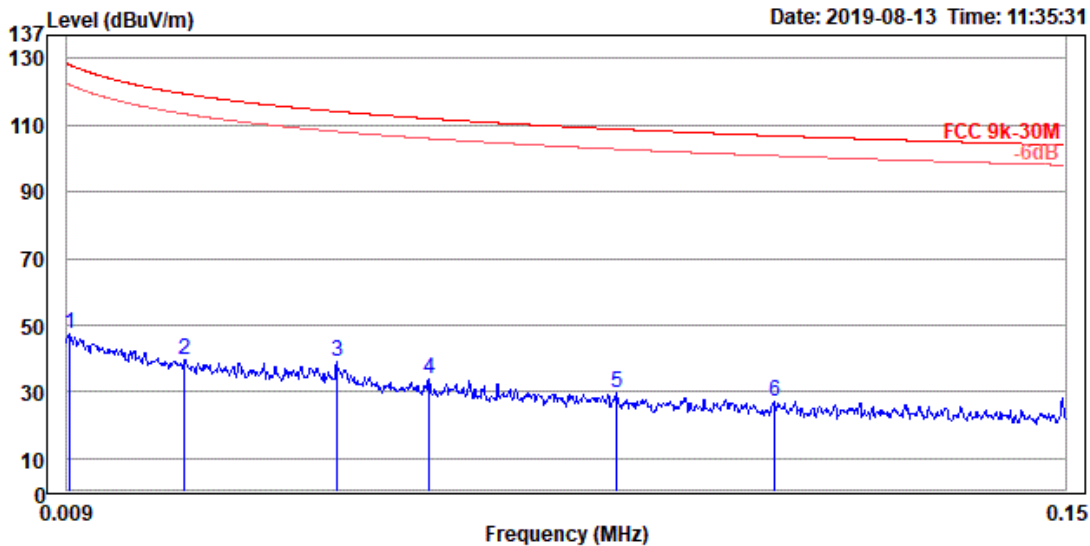
Site : 966A Chamber A  
 Condition : FCC CLASS-B 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	26.84	26.82	0.02	40.00	-13.16	100	253	QP	
2	105.660	23.62	32.19	-8.57	43.50	-19.88	100	134	QP	
3	259.890	21.75	26.60	-4.85	46.00	-24.25	100	158	QP	
4	432.550	25.91	28.06	-2.15	46.00	-20.09	100	301	QP	
5	562.530	27.35	27.46	-0.11	46.00	-18.65	100	227	QP	
6	981.570	34.33	28.70	5.63	54.00	-19.67	100	305	QP	

# Spurious Emissions, TX Mode, 9K-30M

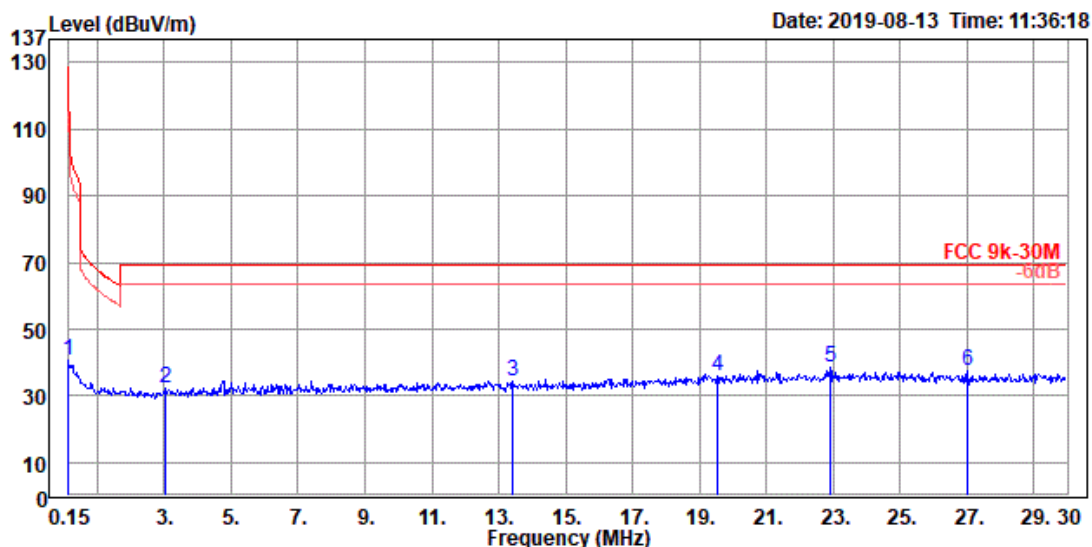


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Site : 966A Chamber A  
 Condition : FCC 9k-30M 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

	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	47.40	29.39	18.01	128.10	-80.70	100	147	QP	
2	0.026	39.47	20.69	18.78	119.41	-79.94	100	25	QP	
3	0.047	38.88	19.99	18.89	114.14	-75.26	100	334	QP	
4	0.060	33.63	14.99	18.64	112.02	-78.39	100	279	QP	
5	0.087	29.94	11.93	18.01	108.85	-78.91	100	51	QP	
6	0.109	26.86	9.12	17.74	106.86	-80.00	100	238	QP	



Site : 966A Chamber A  
 Condition : FCC 9k-30M 3m vertical  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 5Vdc  
 Tmp/Hum : 21°C / 52%  
 Power Setting: default  
 Mode : 1DH5-TX-2441  
 Memo : Z

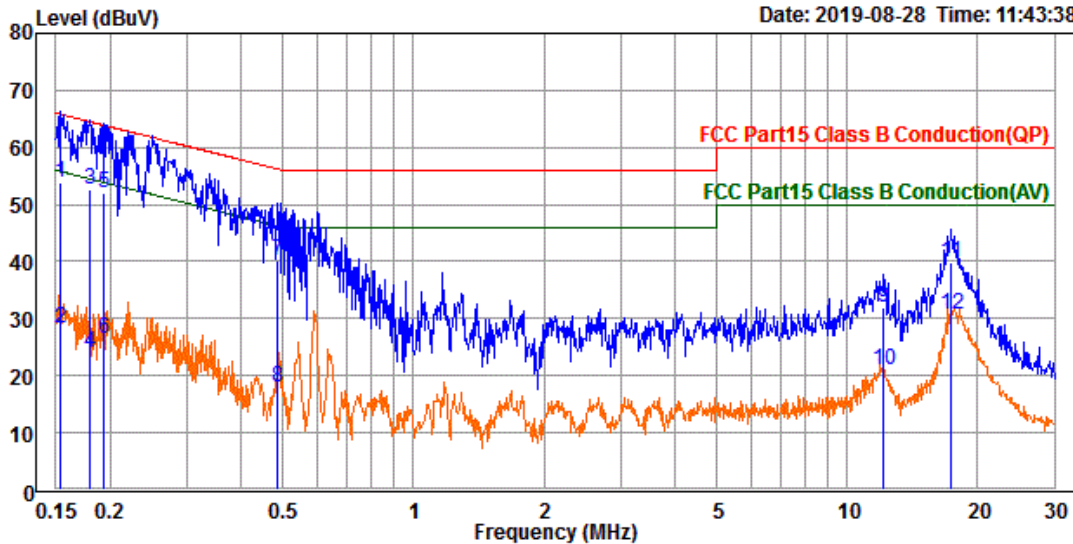
	Freq	Level	Read Level	Factor	Limit Line	Over Limit	APos	TPos	Remark	Note
	MHz	dBuV/m	dBuV	dB/m	dBuV/m	dB	cm	deg		
1	0.150	40.72	22.81	17.91	104.08	-63.36	100	117	QP	
2	3.016	32.14	13.52	18.62	69.50	-37.36	100	203	QP	
3	13.433	34.22	13.48	20.74	69.50	-35.28	100	34	QP	
4	19.553	36.13	14.77	21.36	69.50	-33.37	100	219	QP	
5	22.896	38.44	16.90	21.54	69.50	-31.06	100	211	QP	
6	27.015	37.38	15.66	21.72	69.50	-32.12	100	79	QP	

# Spurious Emissions, AC Mains



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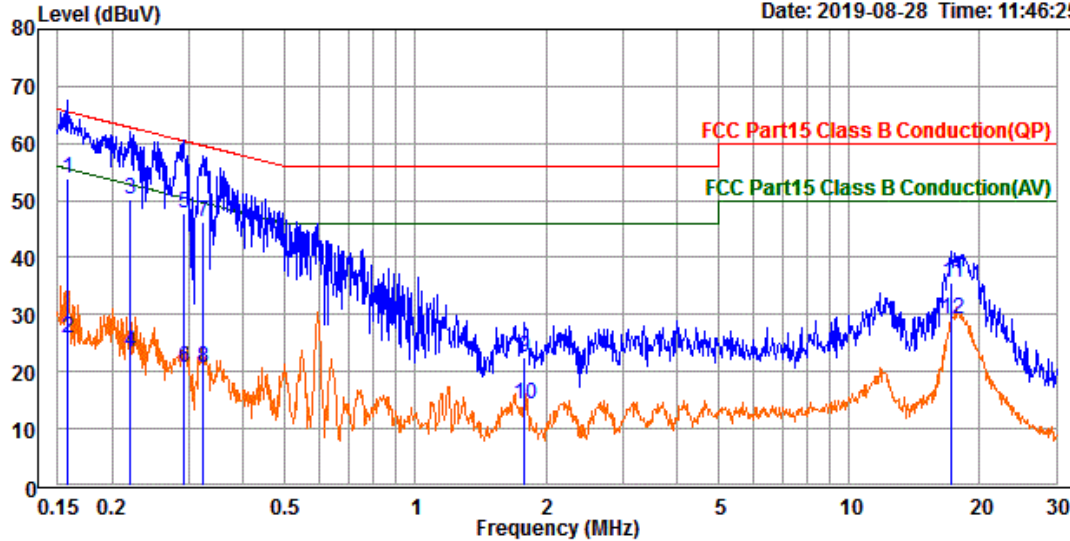
Trace: 1

Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) line1  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 120Vac, 60Hz  
 Tmp/Hum : 26.8°C / 34%  
 Power Setting: default  
 Mode : BT  
 Memo : Z

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.154	44.10	9.61	53.71	65.79	-12.08	QP
2	0.154	18.76	9.61	28.37	55.79	-27.42	Average
3	0.179	43.07	9.61	52.68	64.51	-11.83	QP
4	0.179	14.51	9.61	24.12	54.51	-30.39	Average
5	0.193	42.45	9.61	52.06	63.89	-11.83	QP
6	0.193	16.74	9.61	26.35	53.89	-27.54	Average
7	0.484	30.48	9.62	40.10	56.27	-16.17	QP
8	0.484	8.24	9.62	17.86	46.27	-28.41	Average
9	12.110	22.16	9.75	31.91	60.00	-28.09	QP
10	12.110	11.17	9.75	20.92	50.00	-29.08	Average
11	17.338	30.01	9.77	39.78	60.00	-20.22	QP
12	17.338	20.98	9.77	30.75	50.00	-19.25	Average

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Date: 2019-08-28 Time: 11:46:25



Trace: 1

Site : Conduction room  
 Condition : FCC Part15 Class B Conduction(QP) neutral  
 Test Engineer: Kevin Kuo  
 Product : Mobile Computing Device  
 Model No. : PD470SH-B  
 Test Rating : 120Vac, 60Hz  
 Tmp/Hum : 26.8°C / 34%  
 Power Setting: default  
 Mode : BT  
 Memo : Z

	Read Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.158	44.24	9.62	53.86	65.59	-11.73	QP
2	0.158	16.20	9.62	25.82	55.59	-29.77	Average
3	0.220	40.67	9.62	50.29	62.81	-12.52	QP
4	0.220	13.67	9.62	23.29	52.81	-29.52	Average
5	0.293	38.06	9.62	47.68	60.45	-12.77	QP
6	0.293	10.92	9.62	20.54	50.45	-29.91	Average
7	0.323	36.58	9.62	46.20	59.62	-13.42	QP
8	0.323	11.09	9.62	20.71	49.62	-28.91	Average
9	1.786	12.73	9.65	22.38	56.00	-33.62	QP
10	1.786	4.77	9.65	14.42	46.00	-31.58	Average
11	17.252	25.83	9.81	35.64	60.00	-24.36	QP
12	17.252	19.36	9.81	29.17	50.00	-20.83	Average