

Test Report No.50270953 001

Appendix D: Radiated and Mains Spurious Emission Data

(File: 50270953 001AppendixD)

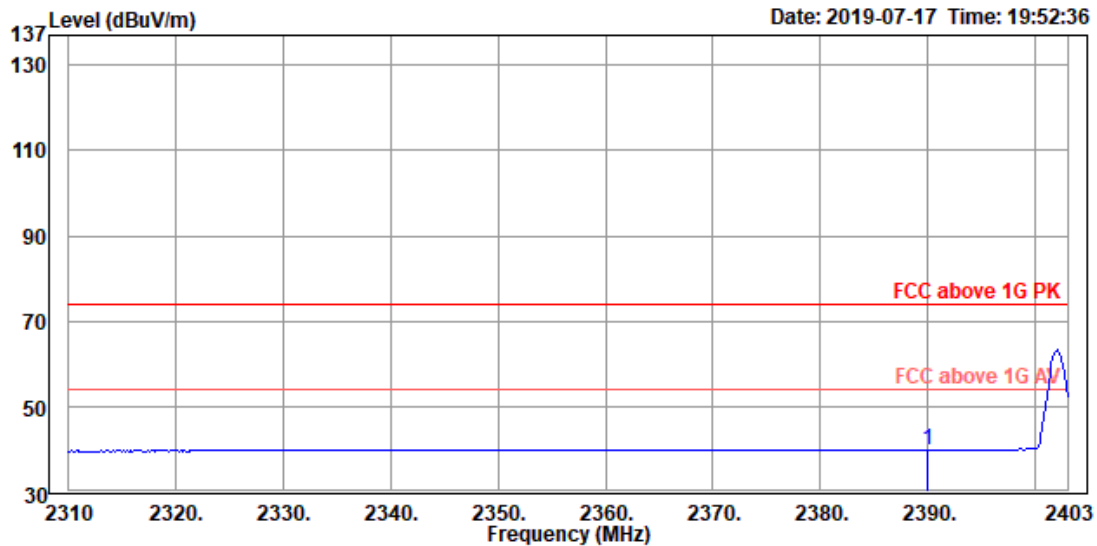
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Spurious Emissions, Band Edges

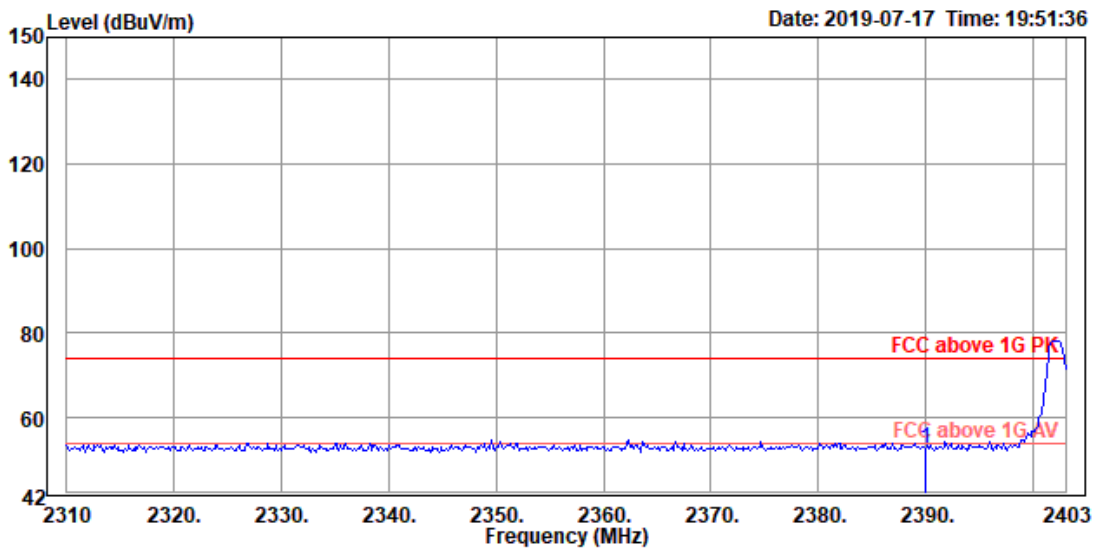


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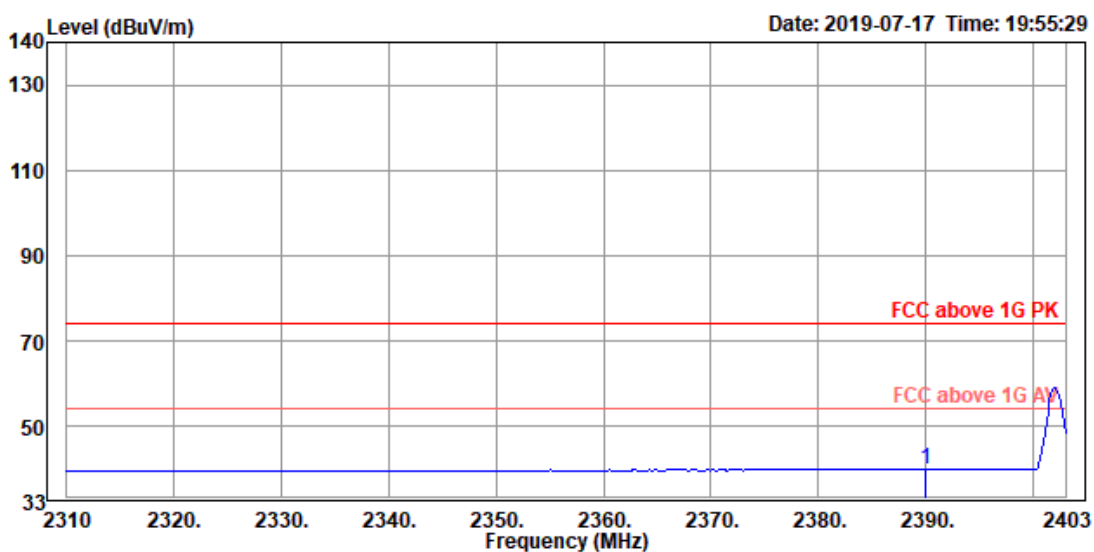
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	39.90	48.16	-8.26	54.00	-14.10	100	212	Average	



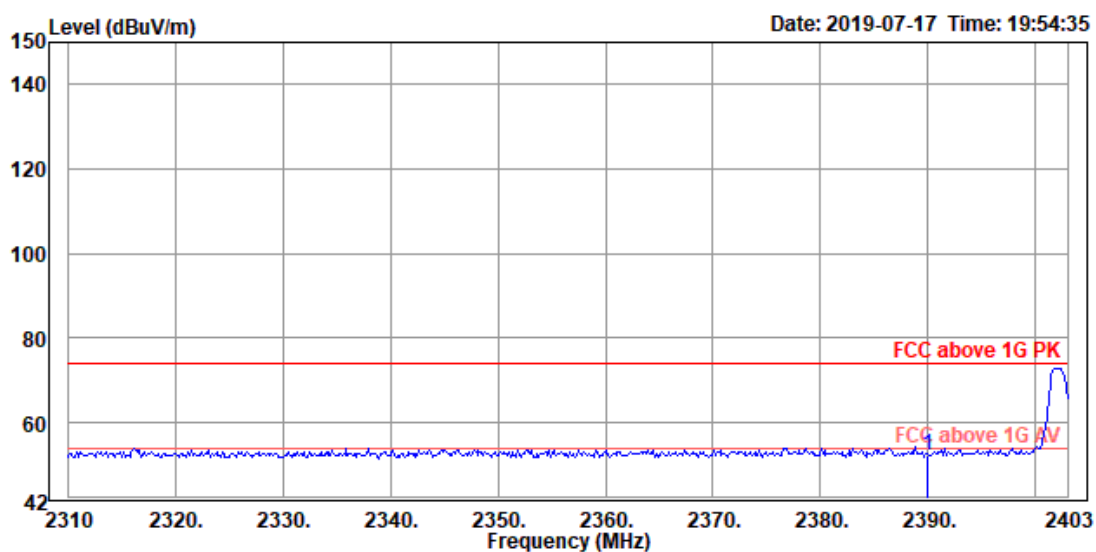
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	52.67	60.93	-8.26	74.00	-21.33	100	212	Peak	



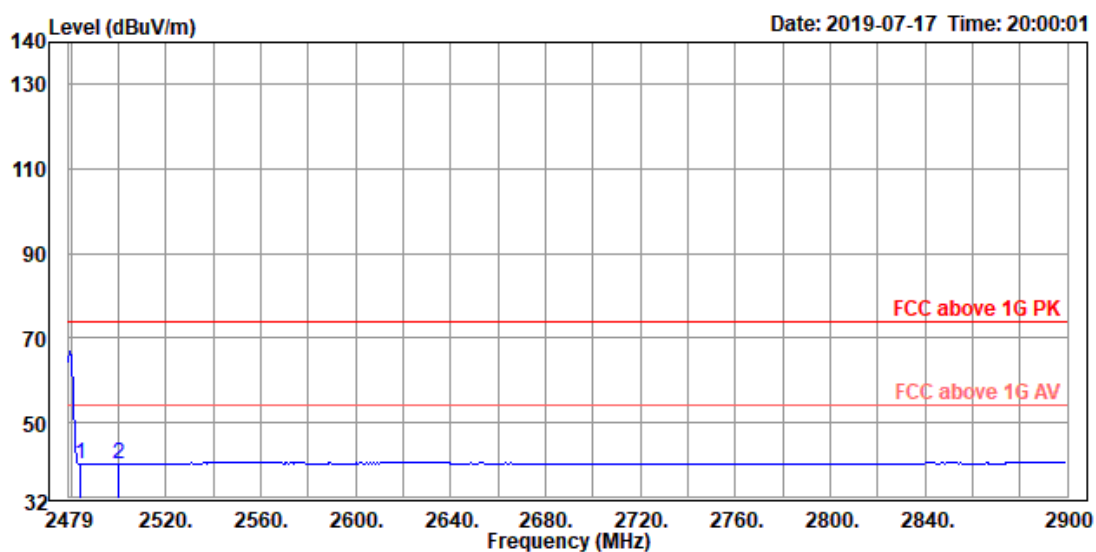
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	39.86	48.12	-8.26	54.00	-14.14	100	318	Average	



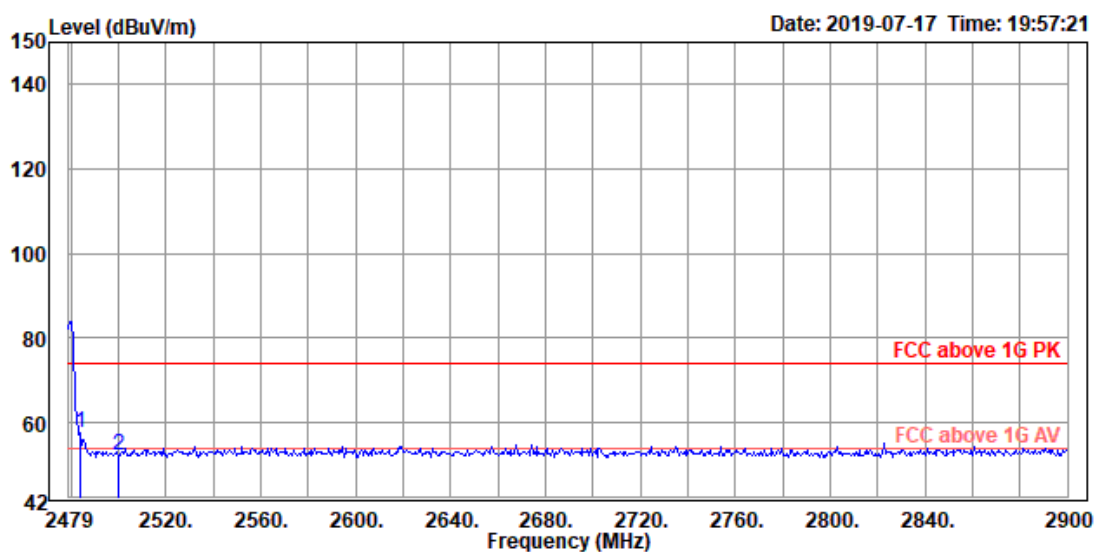
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	52.12	60.38	-8.26	74.00	-21.88	100	318	Peak	



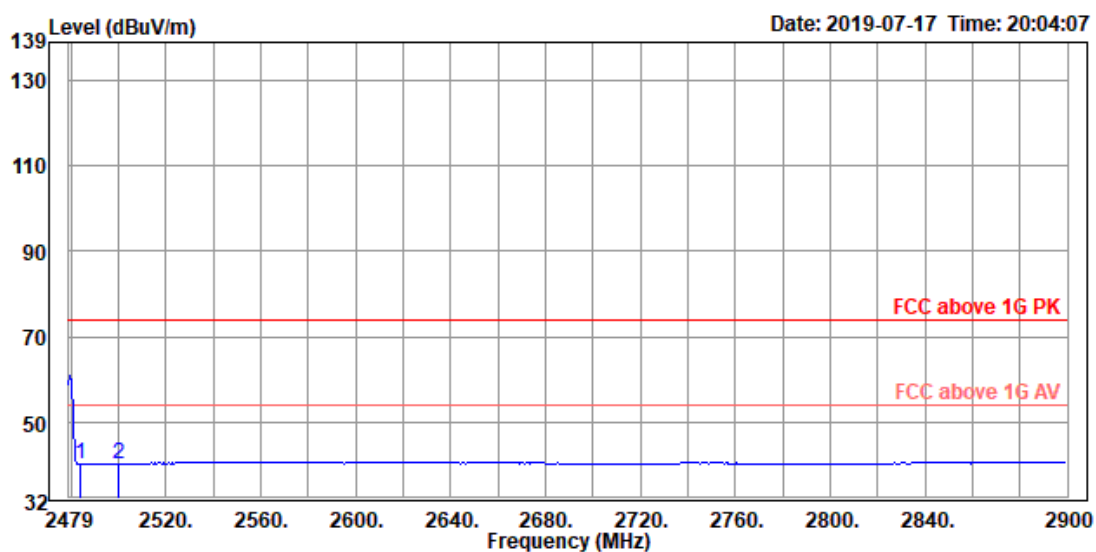
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	40.28	48.39	-8.11	54.00	-13.72	100	141	Average	
2	2500.000	40.23	48.38	-8.15	54.00	-13.77	100	141	Average	



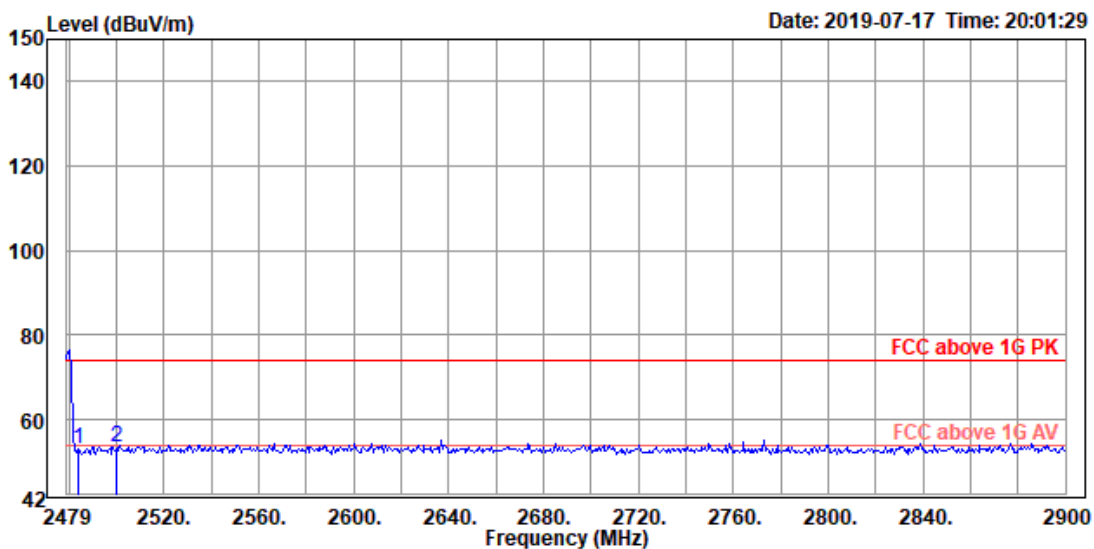
Site : 966A Chamber A
Condition : FCC above 1G PK 3m Horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	57.40	65.51	-8.11	74.00	-16.60	100	141	Peak	
2	2500.000	52.43	60.58	-8.15	74.00	-21.57	100	141	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	40.19	48.30	-8.11	54.00	-13.81	100	222	Average	
2	2500.000	40.19	48.34	-8.15	54.00	-13.81	100	222	Average	



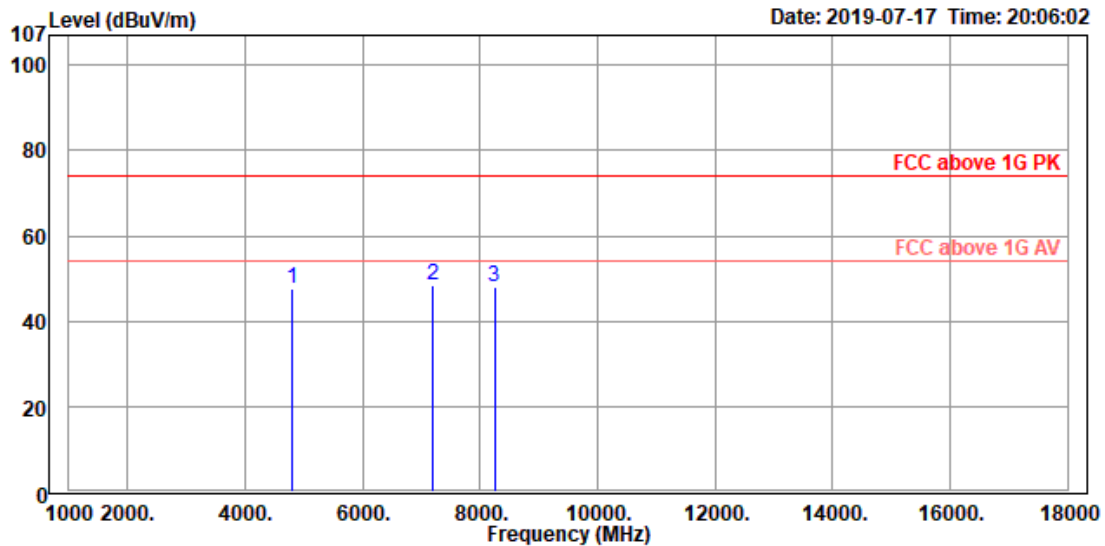
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	52.97	61.08	-8.11	74.00	-21.03	100	222	Peak	
2	2500.000	53.60	61.75	-8.15	74.00	-20.40	100	222	Peak	

Spurious Emissions, TX Mode, 1GHz-18GHz

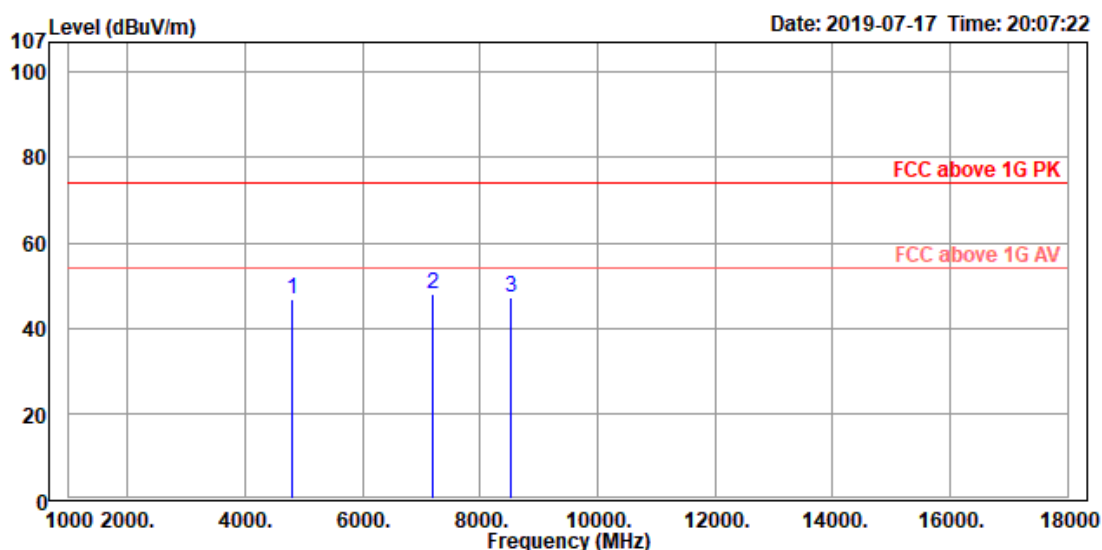


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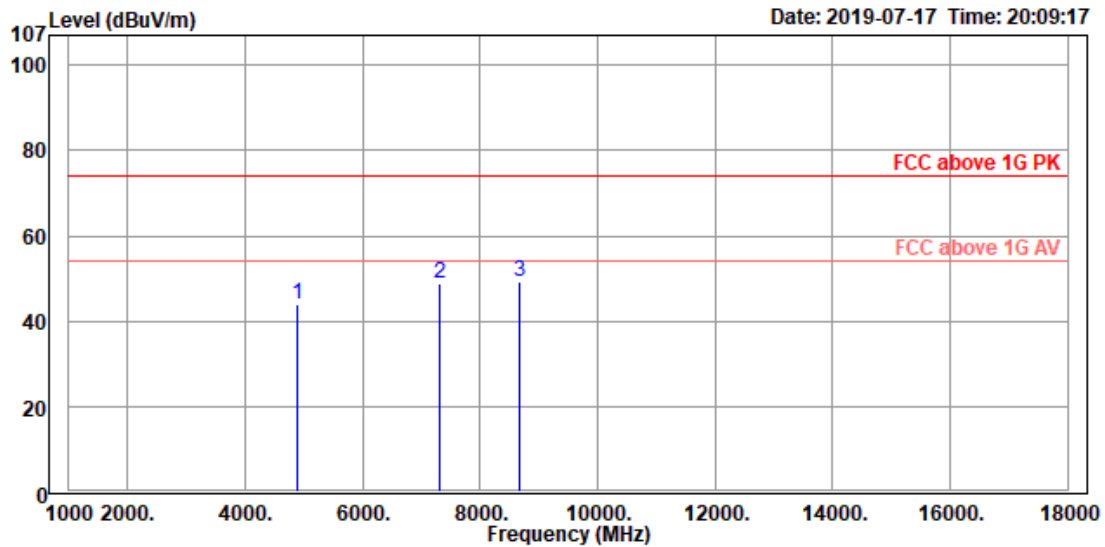
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	47.61	50.05	-2.44	74.00	-26.39	100	0	Peak	
2	7206.000	48.36	42.89	5.47	74.00	-25.64	100	69	Peak	
3	8243.479	47.99	41.65	6.34	74.00	-26.01	100	353	Peak	



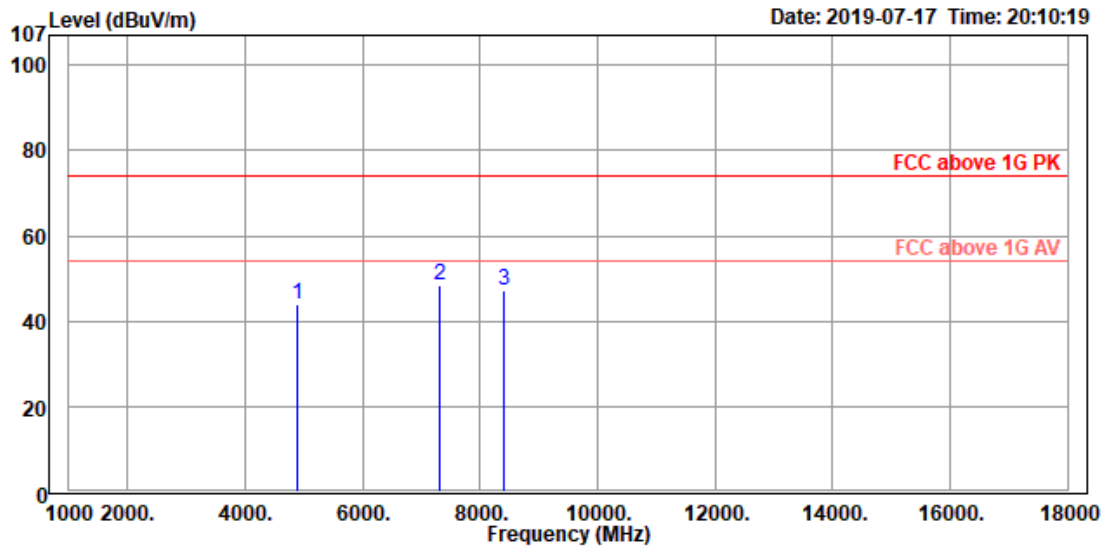
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	46.64	49.08	-2.44	74.00	-27.36	100	196	Peak	
2	7206.000	48.18	42.71	5.47	74.00	-25.82	100	1	Peak	
3	8514.493	47.34	40.67	6.67	74.00	-26.66	100	330	Peak	



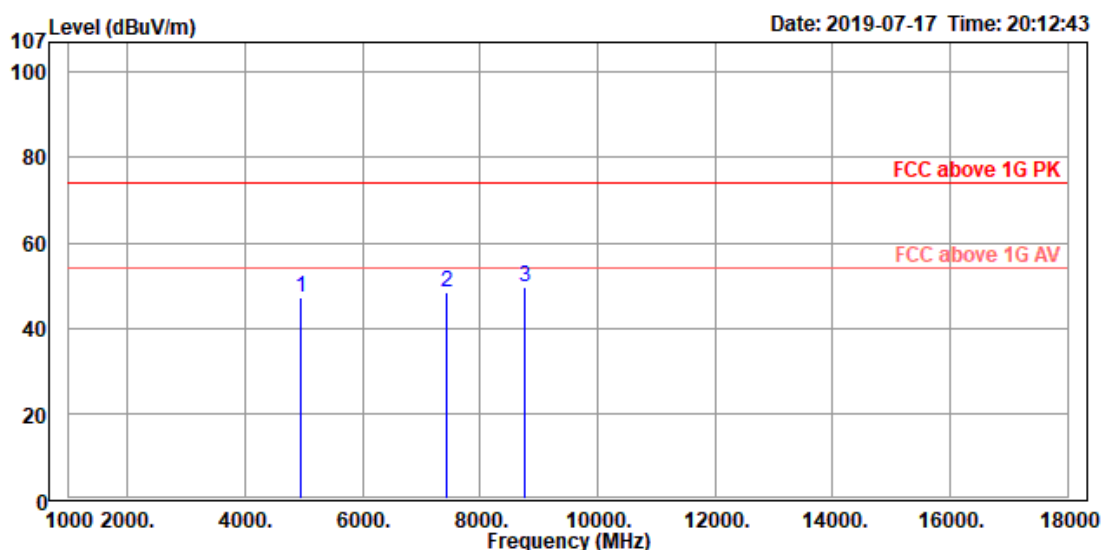
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	4880.000	44.10	46.38	-2.28	74.00	-29.90	100	127	Peak	
2	7320.000	48.89	43.18	5.71	74.00	-25.11	100	227	Peak	
3	8662.318	49.03	42.35	6.68	74.00	-24.97	100	331	Peak	



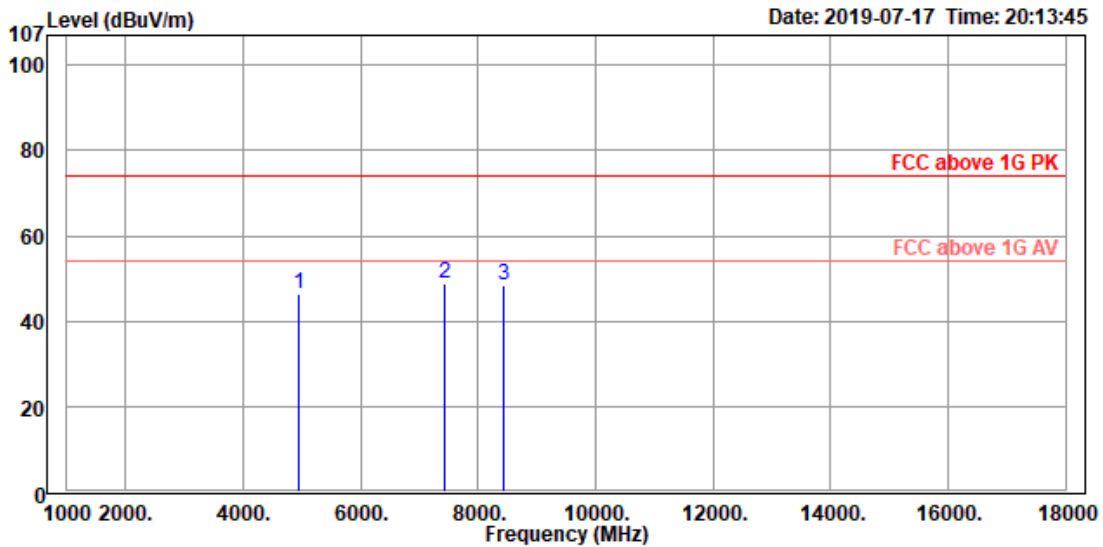
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	4880.000	44.09	46.37	-2.28	74.00	-29.91	100	221	Peak	
2	7320.000	48.21	42.50	5.71	74.00	-25.79	100	157	Peak	
3	8415.942	47.22	40.71	6.51	74.00	-26.78	100	344	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	47.39	49.38	-1.99	74.00	-26.61	100	33	Peak	
2	7440.000	48.23	42.19	6.04	74.00	-25.77	100	119	Peak	
3	8760.869	49.50	42.78	6.72	74.00	-24.50	100	318	Peak	



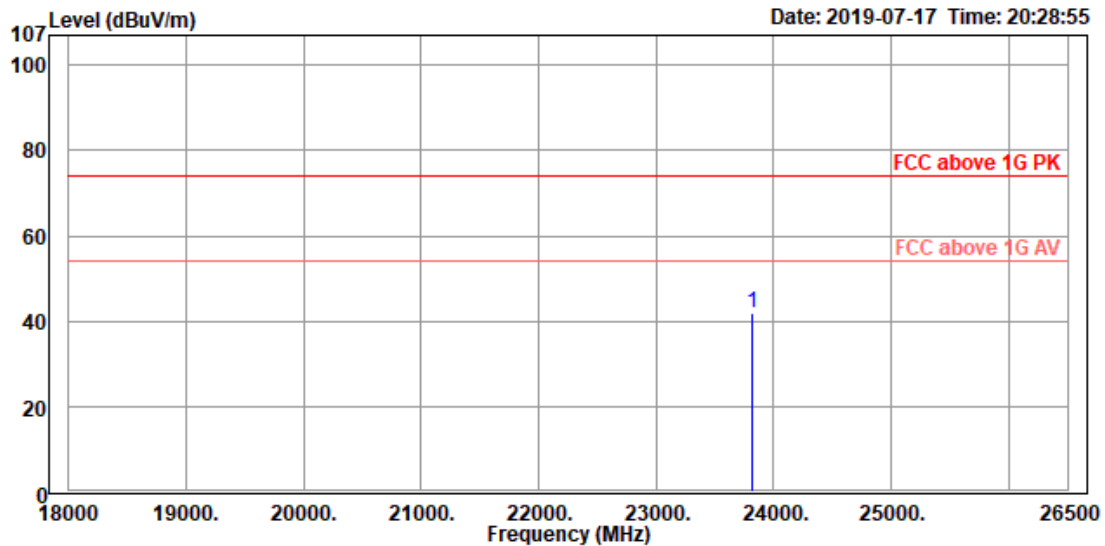
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	46.56	48.55	-1.99	74.00	-27.44	100	153	Peak	
2	7440.000	48.78	42.74	6.04	74.00	-25.22	100	183	Peak	
3	8440.580	48.28	41.73	6.55	74.00	-25.72	100	351	Peak	

Spurious Emissions, TX Mode, 18GHz-26GHz

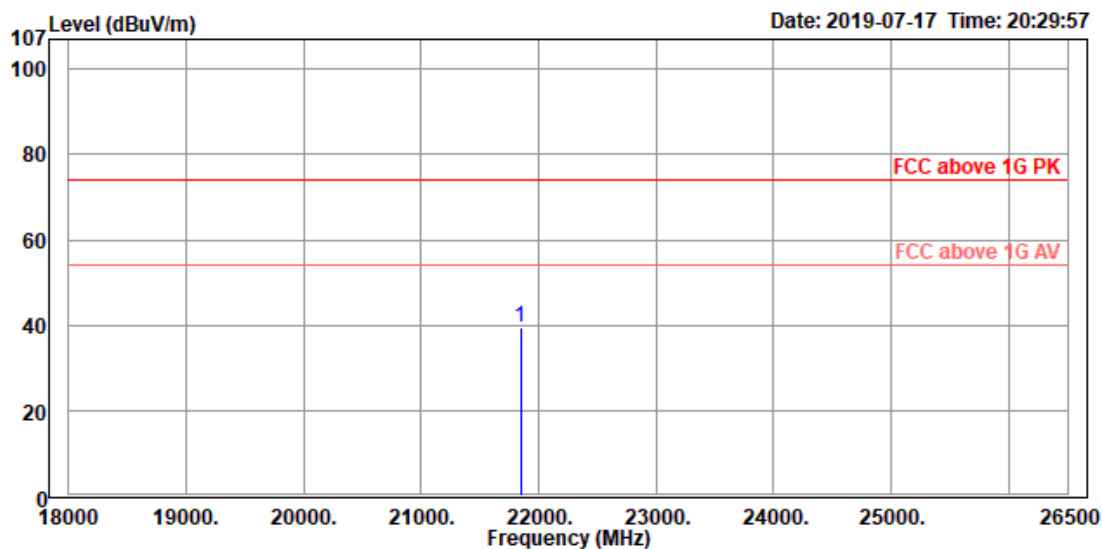


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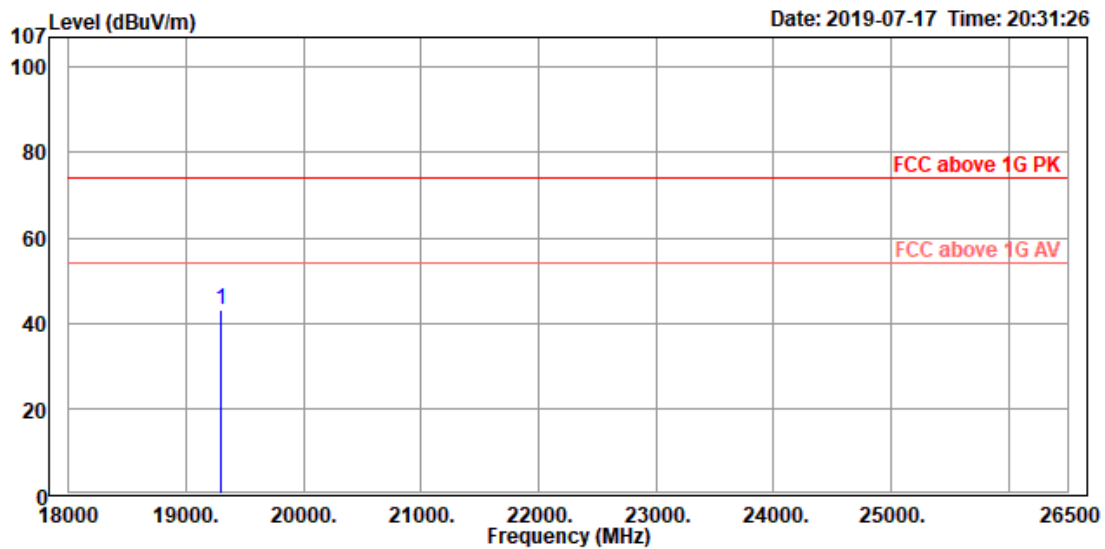
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	23814.490	41.81	40.54	1.27	74.00	-32.19	100	322	Peak	



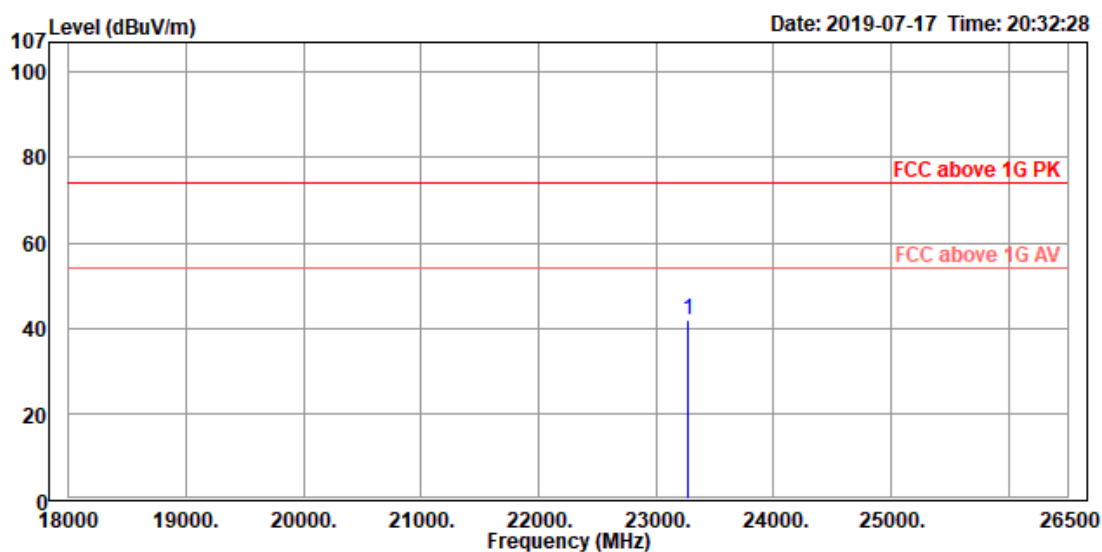
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2402
Memo : Y(直立)

	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	21843.480	39.45	39.91	-0.46	74.00	-34.55	100	307	Peak	



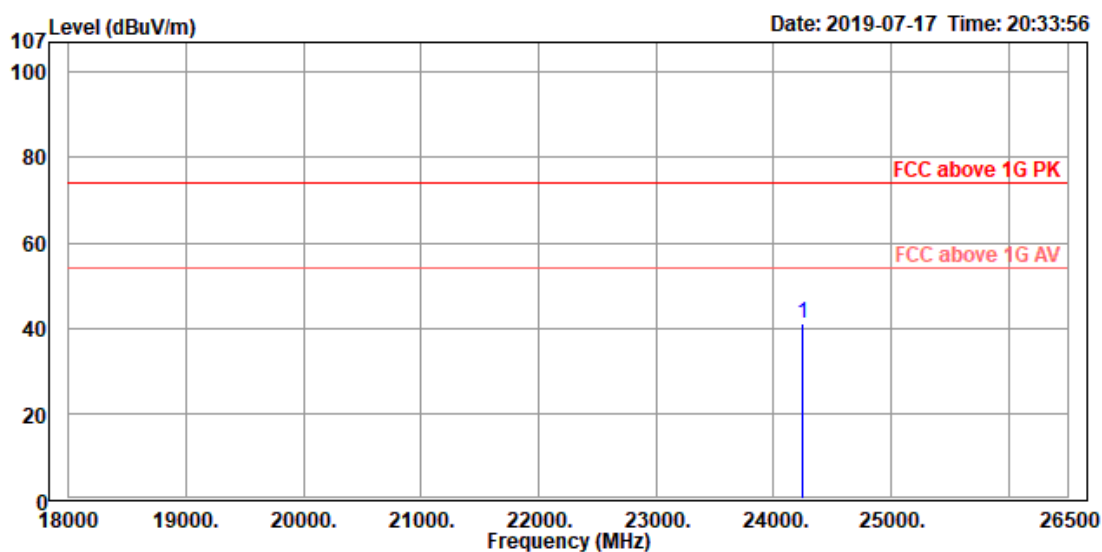
Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	19293.480	43.14	45.48	-2.34	74.00	-30.86	100	89	Peak	



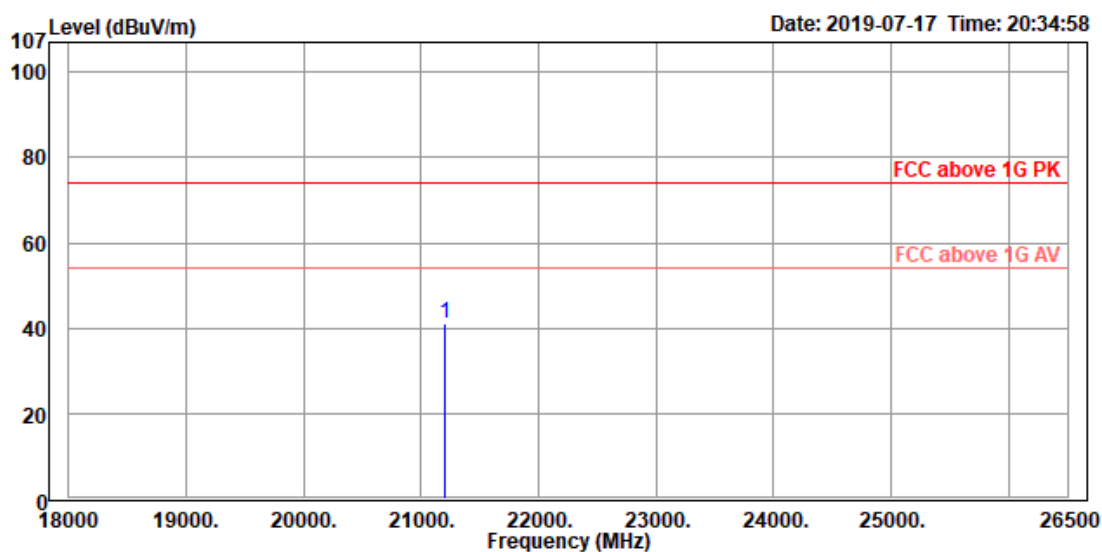
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	23272.460	42.01	41.07	0.94	74.00	-31.99	100	327	Peak	



Site : 966A Chamber A
Condition : FCC above 1G PK 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	24245.650	41.11	39.76	1.35	74.00	-32.89	100	303	Peak	



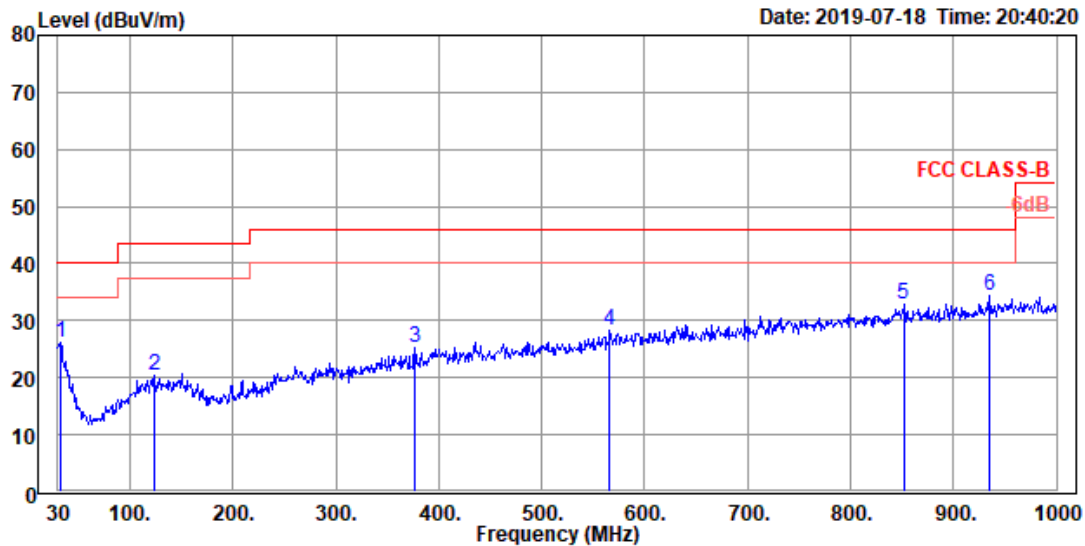
Site : 966A Chamber A
Condition : FCC above 1G PK 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2480
Memo : Y(直立)

	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	41.16	41.56	-0.40	74.00	-32.84	100	103	Peak	

Spurious Emissions, TX Mode, 30MHz-1GHz

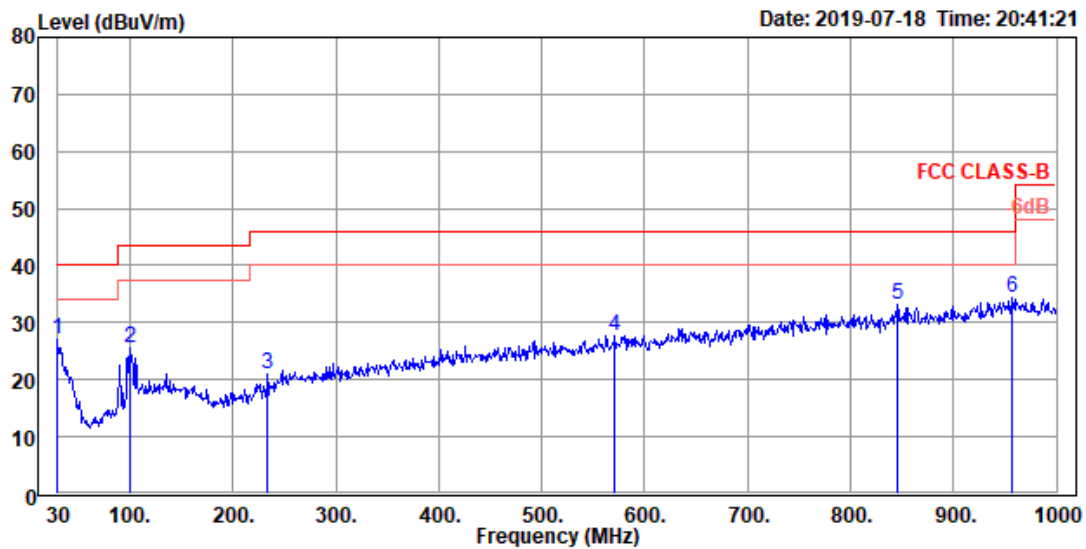


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Site : 966A Chamber A
Condition : FCC CLASS-B 3m horizontal
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	31.940	26.28	27.31	-1.03	40.00	-13.72	100	78	QP	
2	123.120	20.33	27.51	-7.18	43.50	-23.17	100	320	QP	
3	376.290	25.31	28.39	-3.08	46.00	-20.69	100	301	QP	
4	566.410	28.39	28.47	-0.08	46.00	-17.61	100	183	QP	
5	851.590	32.83	29.14	3.69	46.00	-13.17	100	360	QP	
6	935.010	34.43	29.40	5.03	46.00	-11.57	100	66	QP	



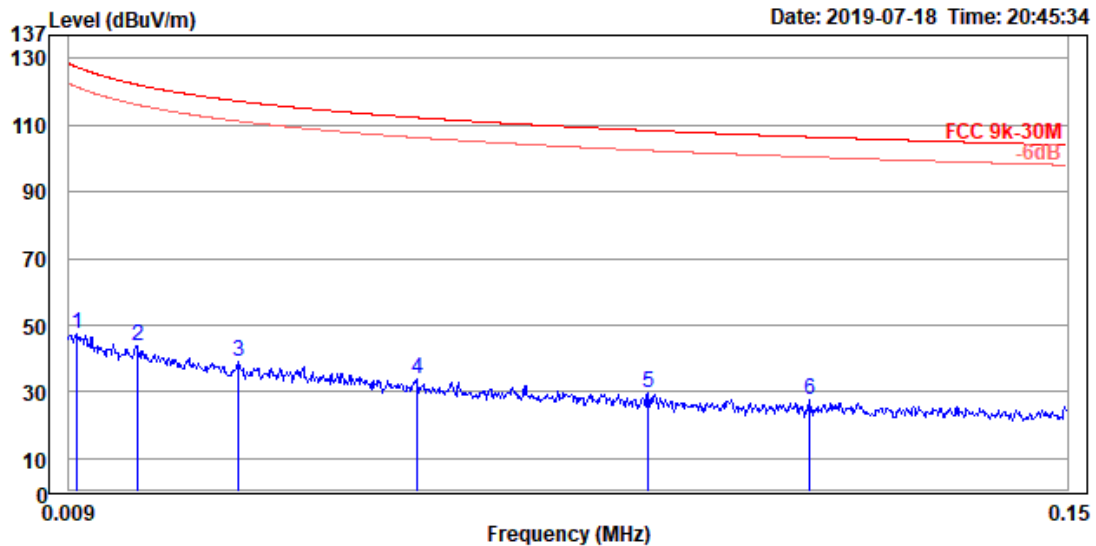
Site : 966A Chamber A
Condition : FCC CLASS-B 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	26.98	26.96	0.02	40.00	-13.02	100	1	QP	
2	99.840	25.53	35.01	-9.48	43.50	-17.97	100	271	QP	
3	233.700	21.02	28.28	-7.26	46.00	-24.98	100	342	QP	
4	571.260	27.79	27.81	-0.02	46.00	-18.21	100	154	QP	
5	845.770	33.14	29.50	3.64	46.00	-12.86	100	2	QP	
6	956.350	34.45	28.76	5.69	46.00	-11.55	100	118	QP	

Spurious Emissions, TX Mode, 9kHz-30MHz

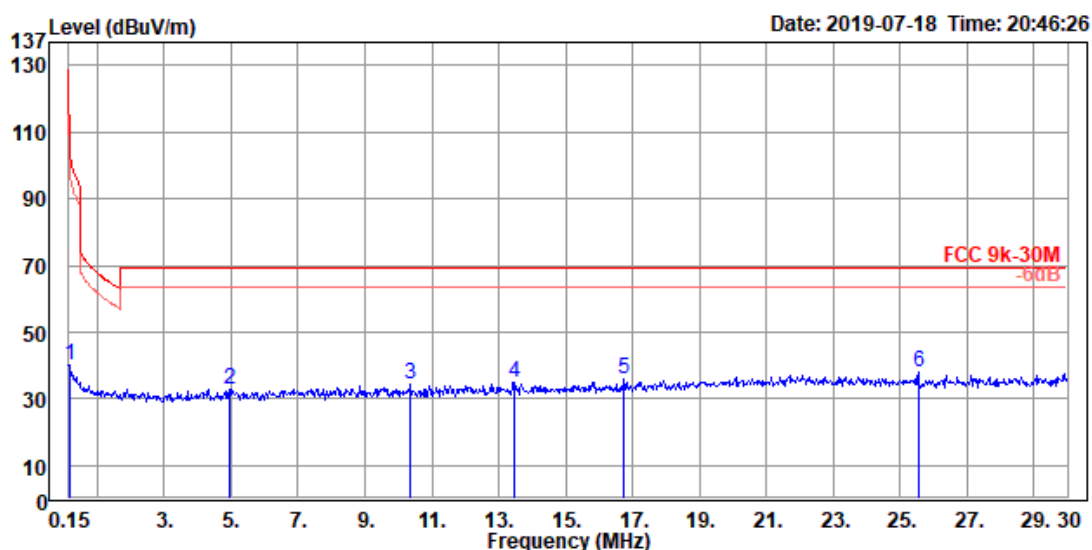


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Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	0.010	47.45	29.37	18.08	127.47	-80.02	100	105	QP	
2	0.019	43.99	25.52	18.47	122.20	-78.21	100	21	QP	
3	0.033	39.08	20.11	18.97	117.27	-78.19	100	134	QP	
4	0.058	33.64	14.95	18.69	112.32	-78.68	100	251	QP	
5	0.091	29.53	11.61	17.92	108.44	-78.91	100	2	QP	
6	0.113	27.83	10.08	17.75	106.50	-78.67	100	87	QP	



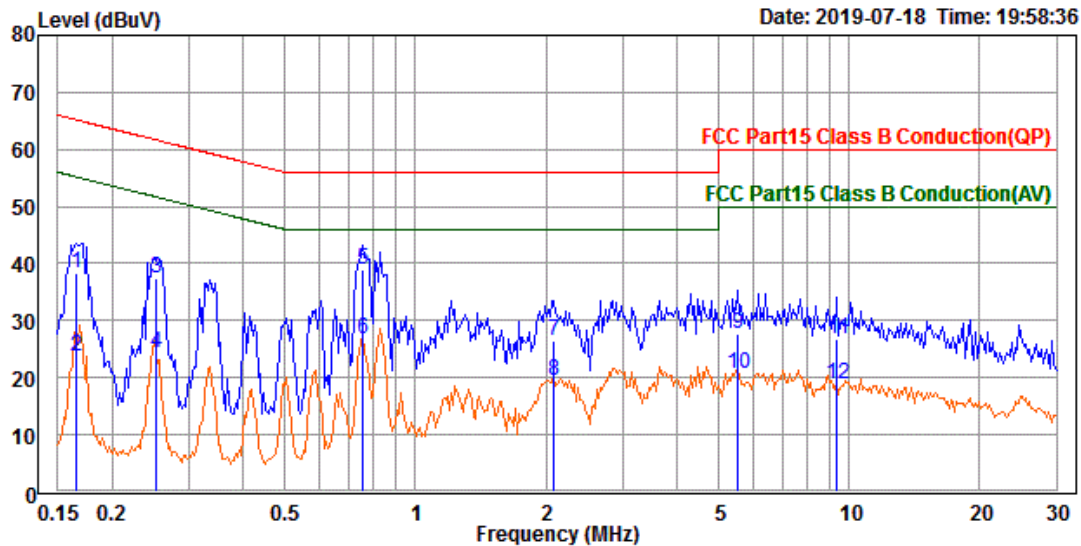
Site : 966A Chamber A
Condition : FCC 9k-30M 3m vertical
Test Engineer: Kevin Kuo
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 5 Vdc
Tmp/Hum : 21°C / 57%
Power Setting: NA(default)
Mode : TX-2440
Memo : Y(直立)

	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	0.180	40.27	22.23	18.04	102.50	-62.23	100	56	QP	
2	4.956	32.86	13.54	19.32	69.50	-36.64	100	277	QP	
3	10.359	34.62	14.19	20.43	69.50	-34.88	100	51	QP	
4	13.463	34.94	14.20	20.74	69.50	-34.56	100	29	QP	
5	16.747	36.13	15.05	21.08	69.50	-33.37	100	26	QP	
6	25.552	37.98	16.33	21.65	69.50	-31.52	100	114	QP	

Spurious Emissions, AC Mains



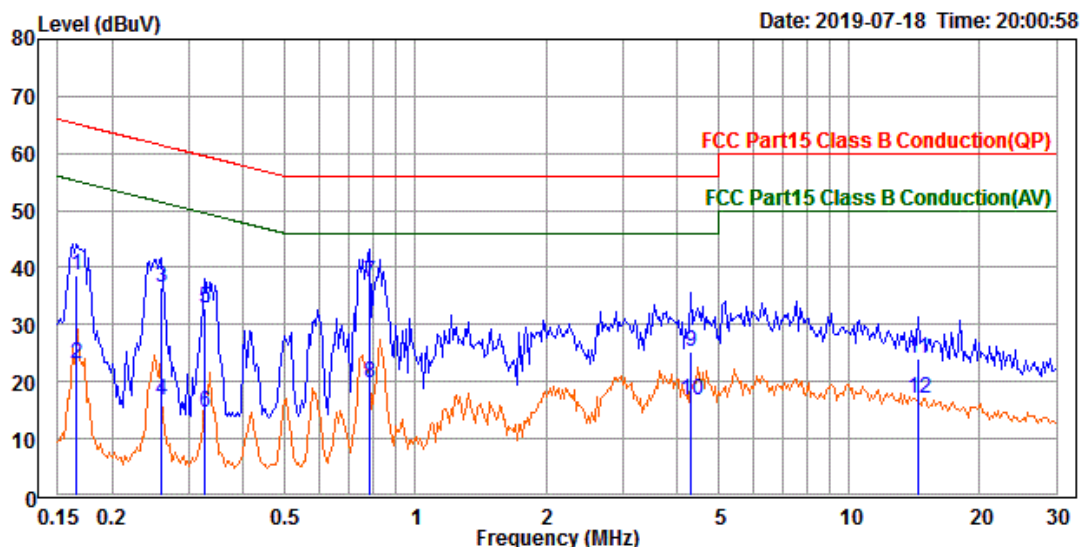
TUV Rheinland Taiwan Ltd.
11F., No.758, Sec.4 Bade Road. Songshan Dist, Taipei City 105
Tel:+886-2172-7000 Fax:+886-2528-0018



Trace: 1

Site : Conduction room
Condition : FCC Part15 Class B Conduction(QP) line1
Test Engineer: Kevin Kuo
Applicant : HUAMI
Product : Amazfit stratos 3
Model No. : A1929
Test Rating : 120Vac/60Hz
Tmp/Hum : 22.9°C/42%
Memo : Normal Operation

	Read			Limit	Over	
	Freq	Level	Factor	Level	Line	Limit Remark
	MHz	dBuV	dB	dBuV	dBuV	dB
1	0.166	28.73	9.61	38.34	65.17	-26.83 QP
2	0.166	14.23	9.61	23.84	55.17	-31.33 Average
3	0.252	27.85	9.61	37.46	61.71	-24.25 QP
4	0.252	14.62	9.61	24.23	51.71	-27.48 Average
5	0.758	29.22	9.62	38.84	56.00	-17.16 QP
6	0.758	17.28	9.62	26.90	46.00	-19.10 Average
7	2.090	16.82	9.64	26.46	56.00	-29.54 QP
8	2.090	9.84	9.64	19.48	46.00	-26.52 Average
9	5.536	17.94	9.69	27.63	60.00	-32.37 QP
10	5.536	10.92	9.69	20.61	50.00	-29.39 Average
11	9.376	17.04	9.73	26.77	60.00	-33.23 QP
12	9.376	9.02	9.73	18.75	50.00	-31.25 Average



Trace: 1

Site : Conduction room

Condition : FCC Part15 Class B Conduction(QP) neutral

Test Engineer: Kevin Kuo

Applicant : HUAMI

Product : Amazfit stratos 3

Model No. : A1929

Test Rating : 120Vac/60Hz

Tmp/Hum : 22.9°C/42%

Memo : Normal Operation

	Freq	Read Level	Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	
1	0.166	29.00	9.62	38.62	65.17	-26.55	QP
2	0.166	13.55	9.62	23.17	55.17	-32.00	Average
3	0.259	26.80	9.62	36.42	61.46	-25.04	QP
4	0.259	7.17	9.62	16.79	51.46	-34.67	Average
5	0.326	23.08	9.62	32.70	59.56	-26.86	QP
6	0.326	4.86	9.62	14.48	49.56	-35.08	Average
7	0.781	27.88	9.63	37.51	56.00	-18.49	QP
8	0.781	10.12	9.63	19.75	46.00	-26.25	Average
9	4.318	15.44	9.68	25.12	56.00	-30.88	QP
10	4.318	7.09	9.68	16.77	46.00	-29.23	Average
11	14.377	14.25	9.78	24.03	60.00	-35.97	QP
12	14.377	7.11	9.78	16.89	50.00	-33.11	Average