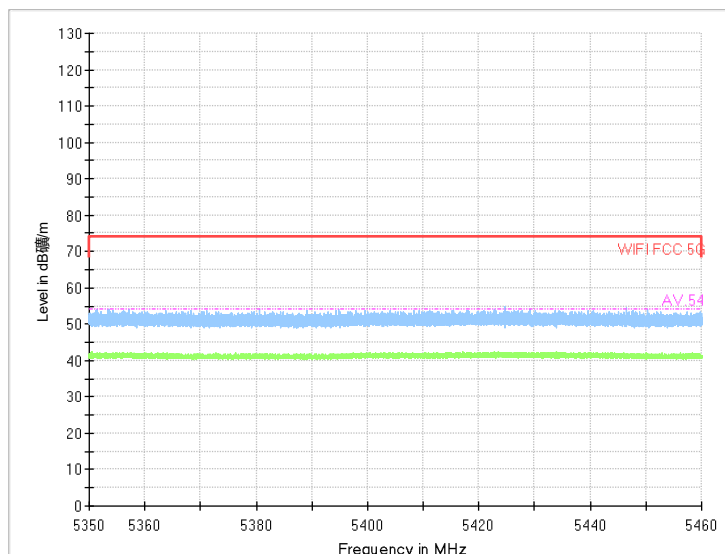


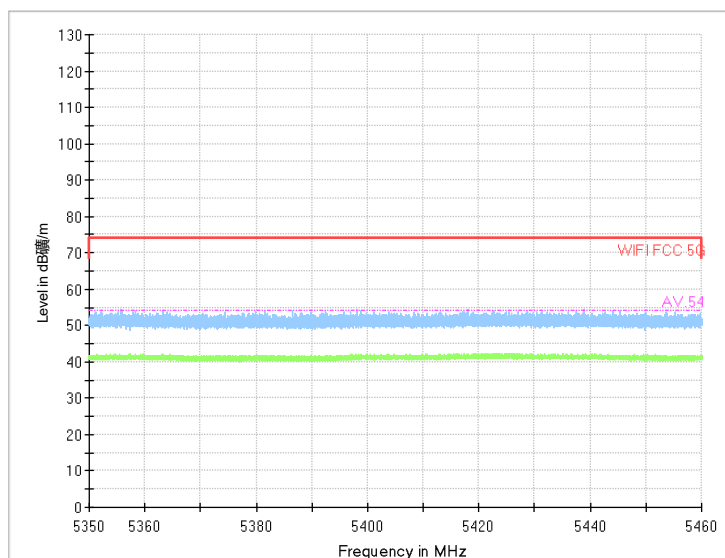


Radiated Emission Band Edge

Channel No.:62

Test Mode: 802.11ax

Polarization: V



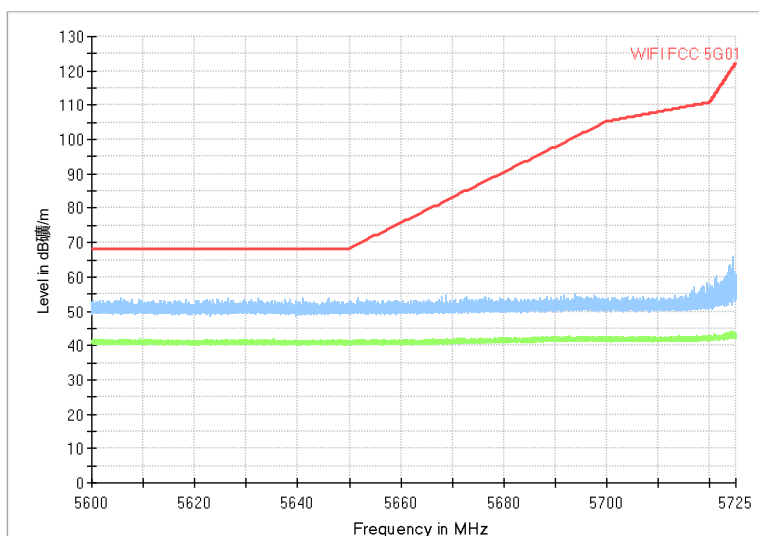
Radiated Emission Band Edge

Channel No.:62

Test Mode: 802.11ax

Polarization: H

Full Spectrum



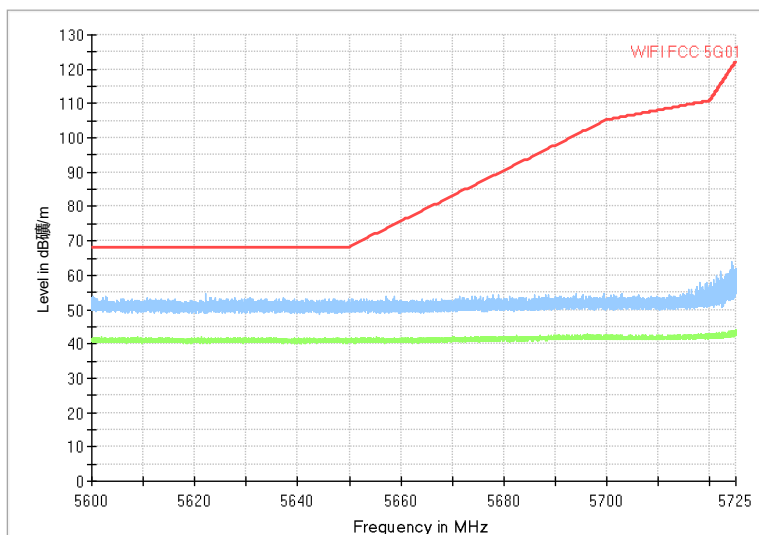
Radiated Emission Band Edge

Channel No.:151

Test Mode: 802.11ax

Polarization: V

Full Spectrum



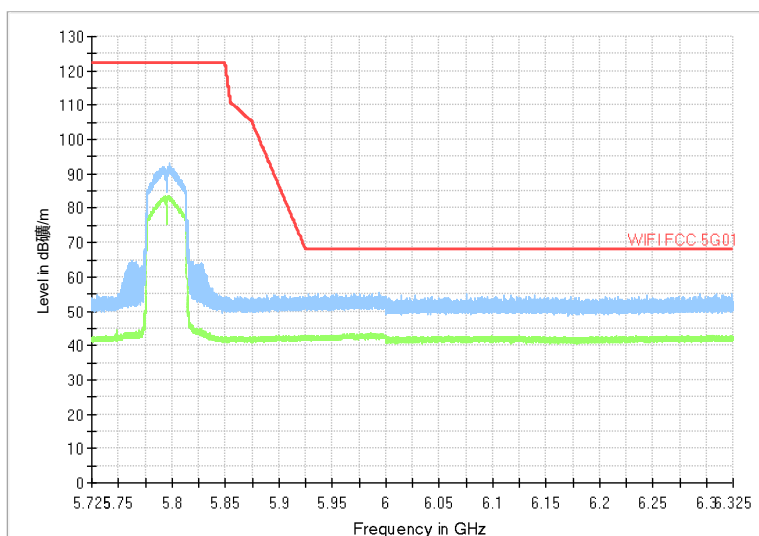
Radiated Emission Band Edge

Channel No.:151

Test Mode: 802.11ax

Polarization: H

Full Spectrum



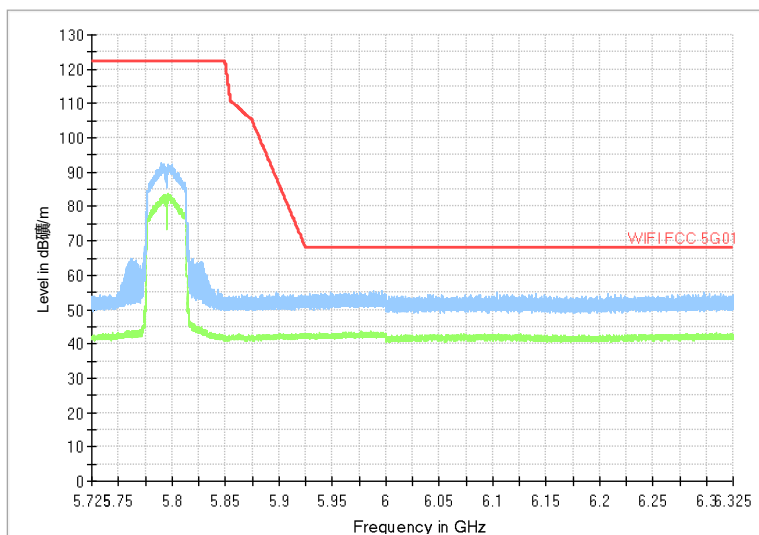
Radiated Emission Band Edge

Channel No.:159

Test Mode: 802.11ax

Polarization: V

Full Spectrum



Radiated Emission Band Edge

Channel No.:159

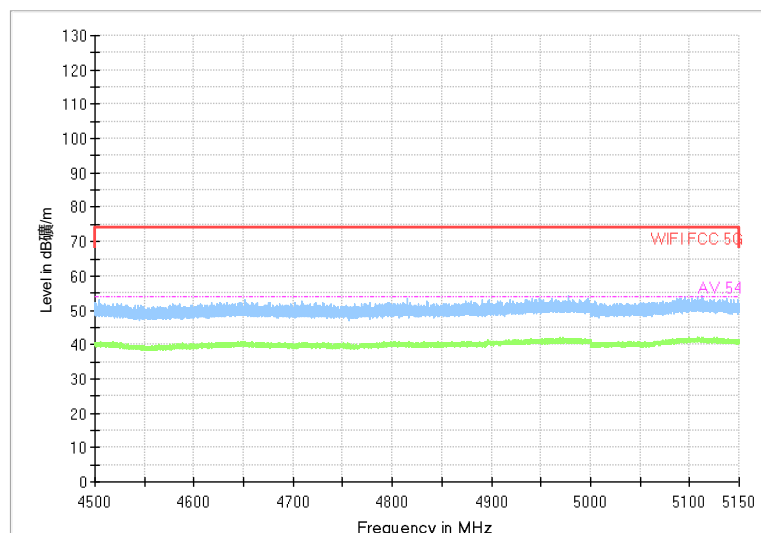
Test Mode: 802.11ax

Polarization: H

40M

Partial RU (Tone26)

Full Spectrum



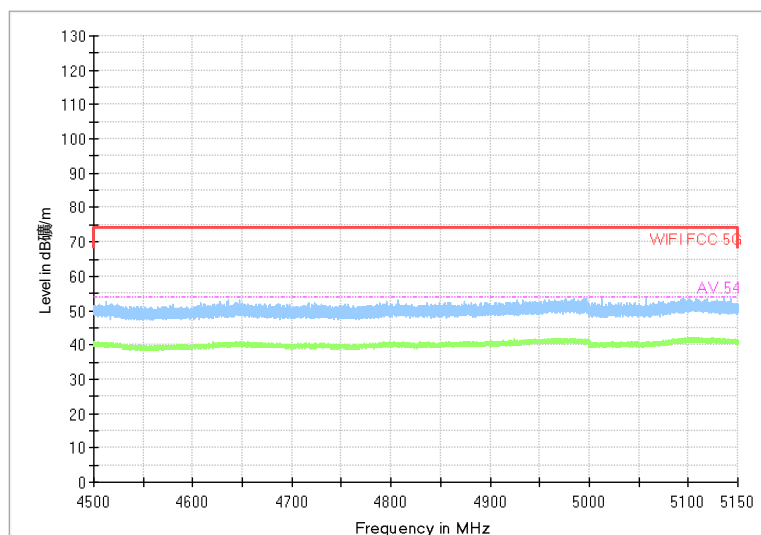
Radiated Emission Band Edge

Channel No.:38

Test Mode: 802.11ax

Polarization: V

Full Spectrum

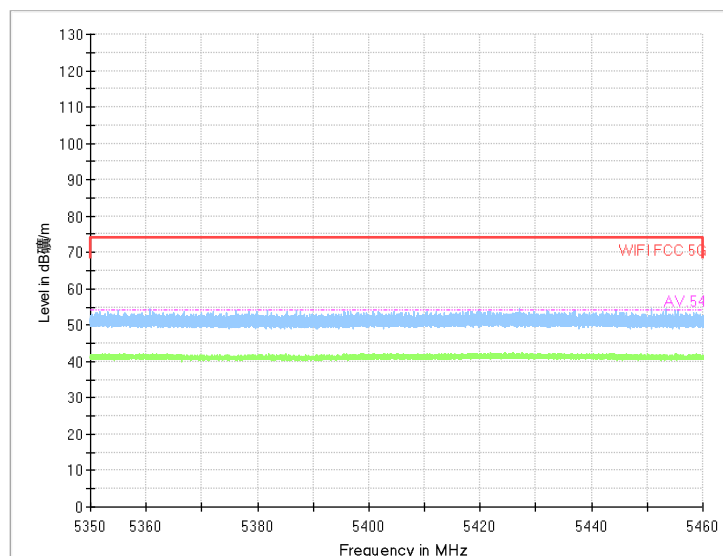


Radiated Emission Band Edge

Channel No.:38

Test Mode: 802.11ax

Polarization: H

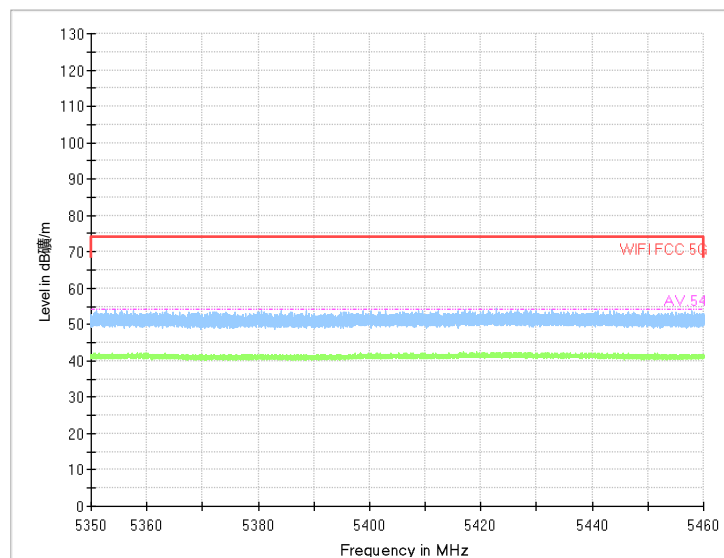


Radiated Emission Band Edge

Channel No.:62

Test Mode: 802.11ax

Polarization: V



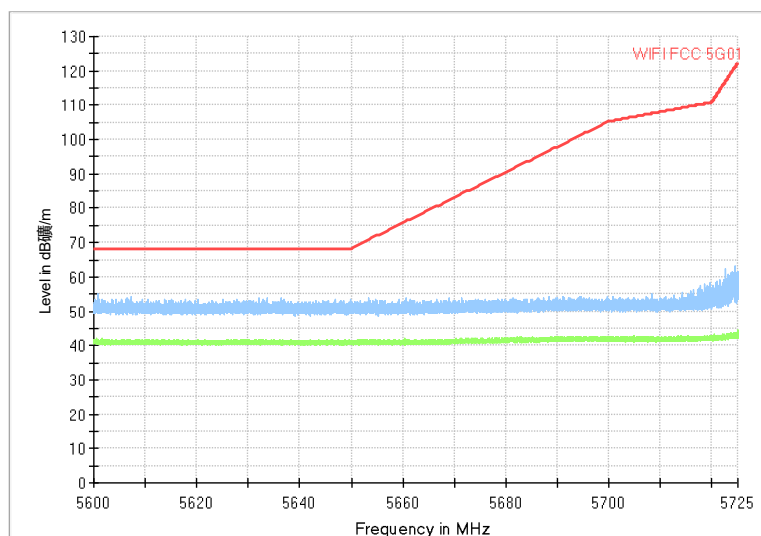
Radiated Emission Band Edge

Channel No.:62

Test Mode: 802.11ax

Polarization: H

Full Spectrum



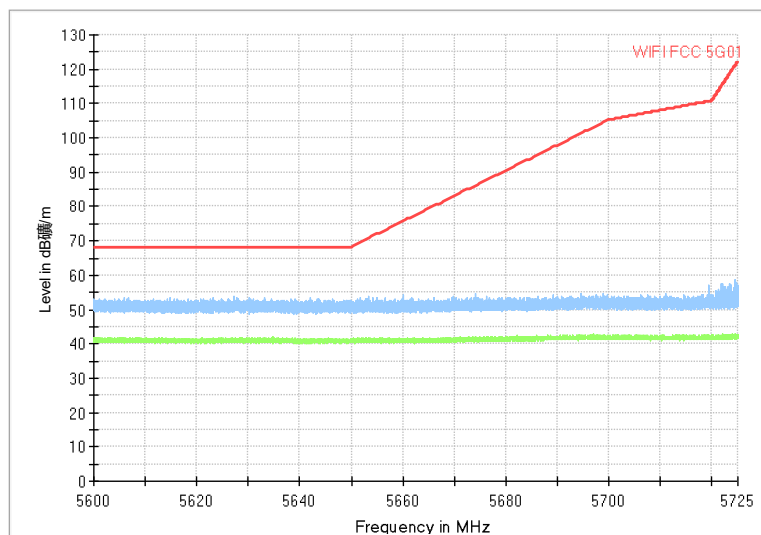
Radiated Emission Band Edge

Channel No.:151

Test Mode: 802.11ax

Polarization: V

Full Spectrum



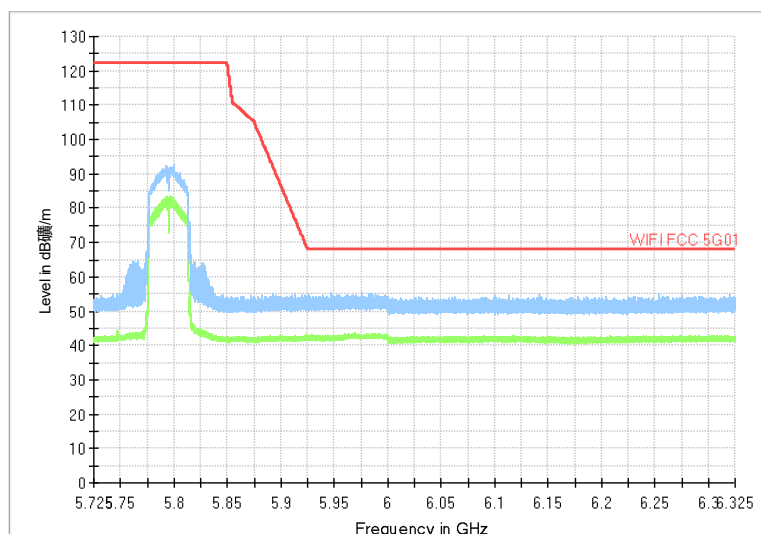
Radiated Emission Band Edge

Channel No.:151

Test Mode: 802.11ax

Polarization: H

Full Spectrum



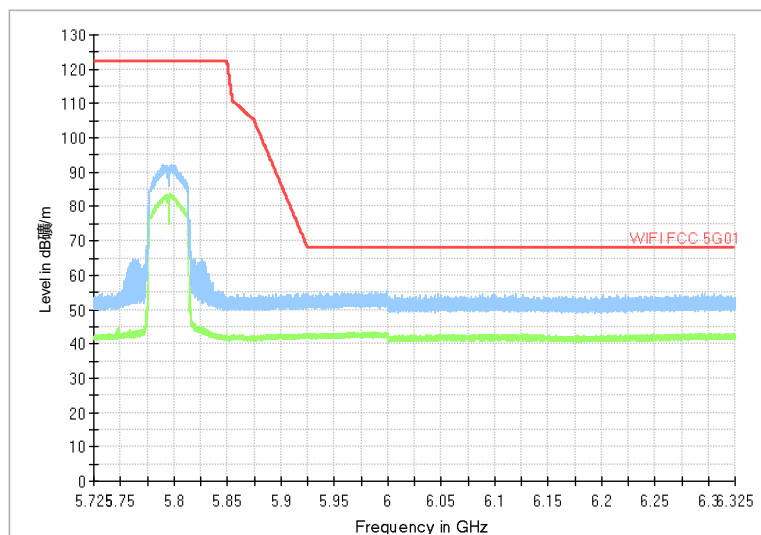
Radiated Emission Band Edge

Channel No.:159

Test Mode: 802.11ax

Polarization: V

Full Spectrum



Radiated Emission Band Edge

Channel No.:159

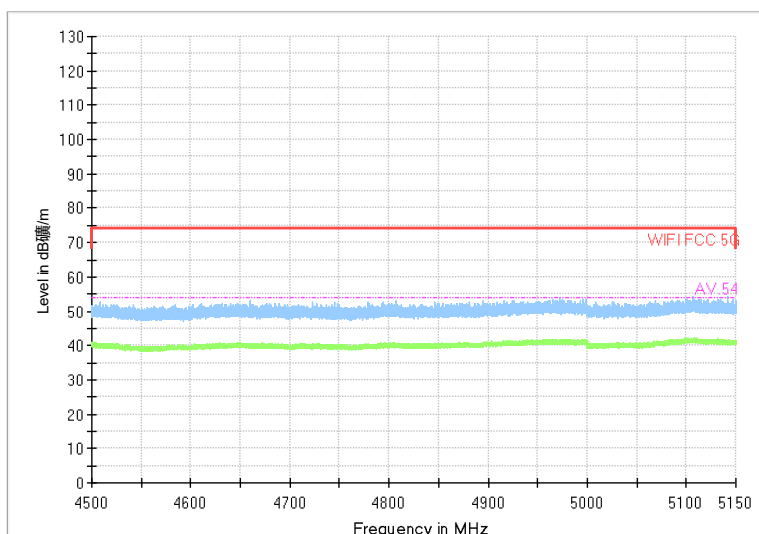
Test Mode: 802.11ax

Polarization: H



80M

Full Spectrum



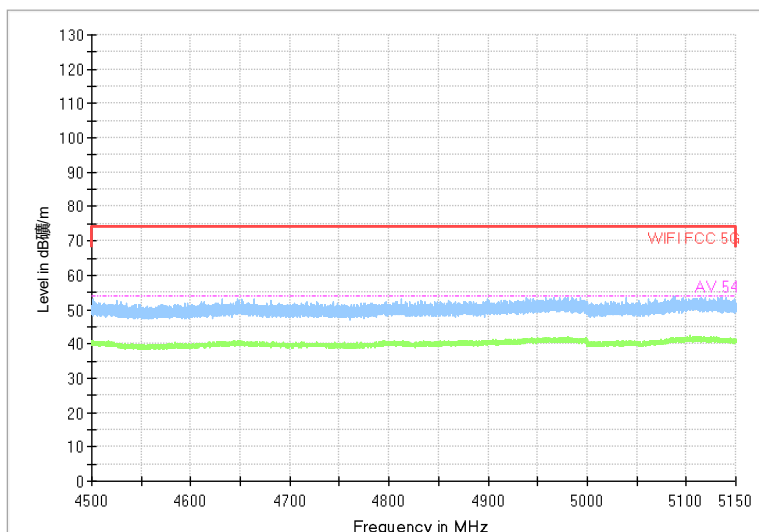
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ac

Polarization: V

Full Spectrum



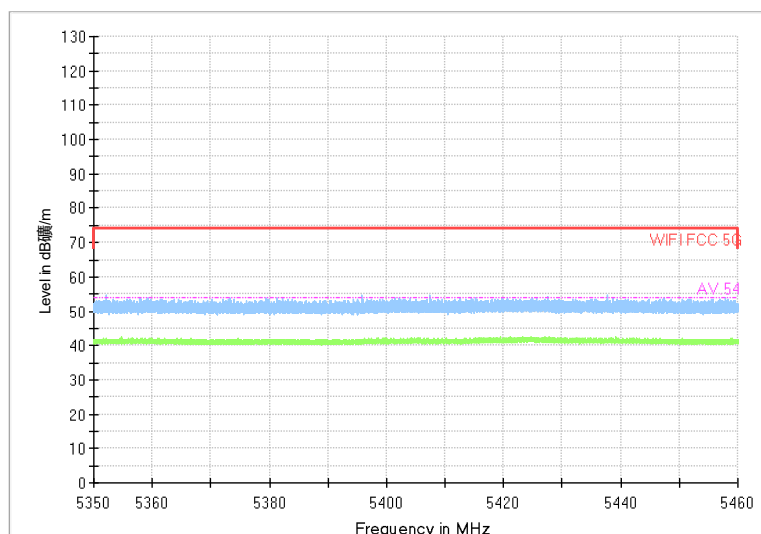
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ac

Polarization: H

Full Spectrum



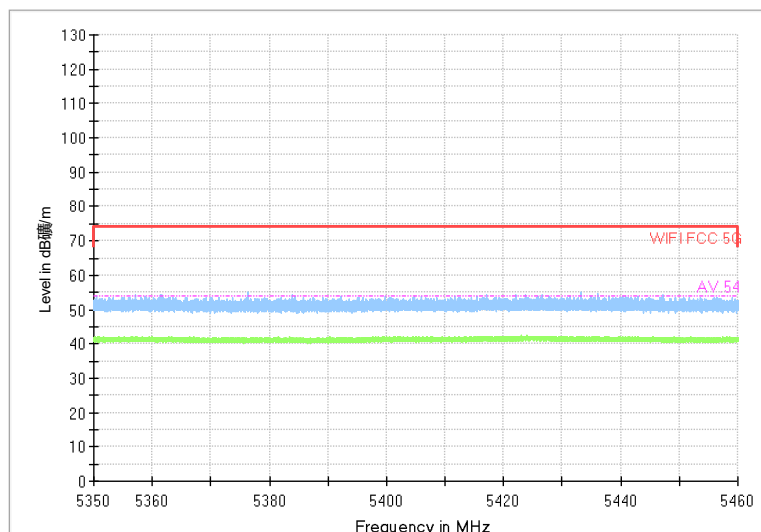
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ac

Polarization: V

Full Spectrum



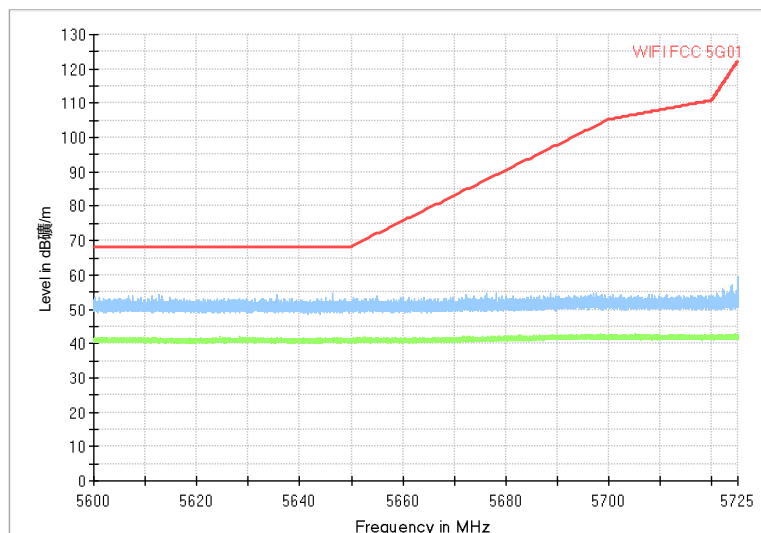
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ac

Polarization: H

Full Spectrum



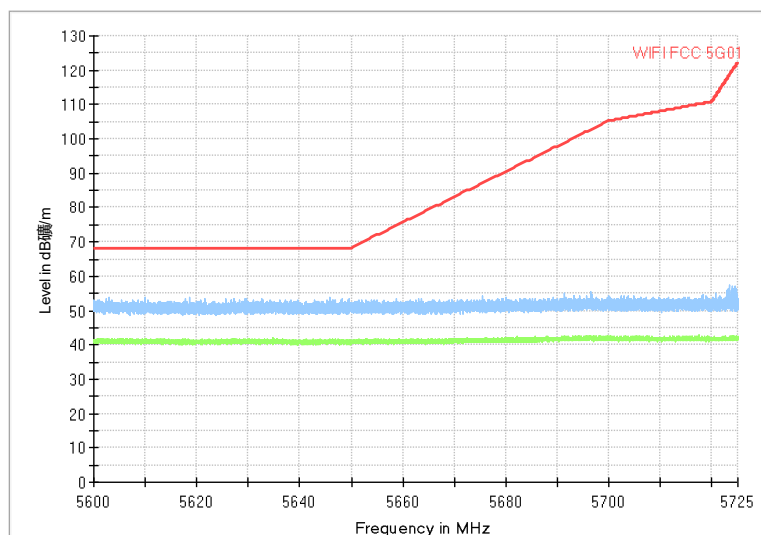
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ac

Polarization: V

Full Spectrum



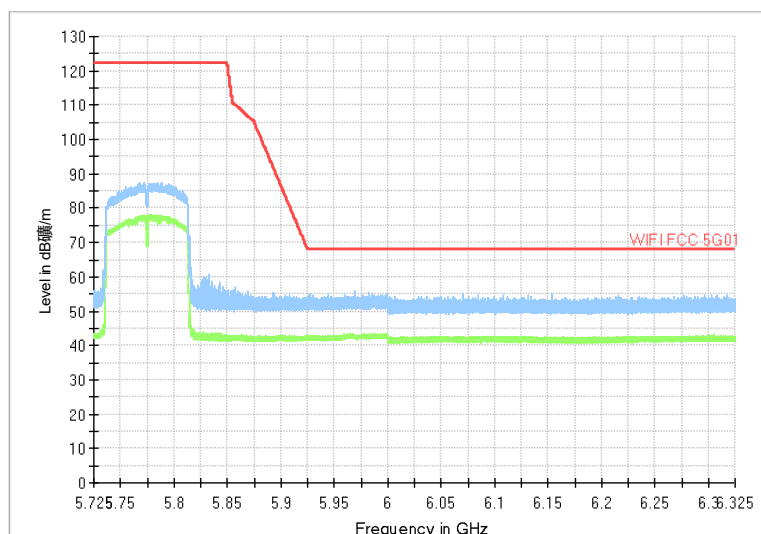
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ac

Polarization: H

Full Spectrum



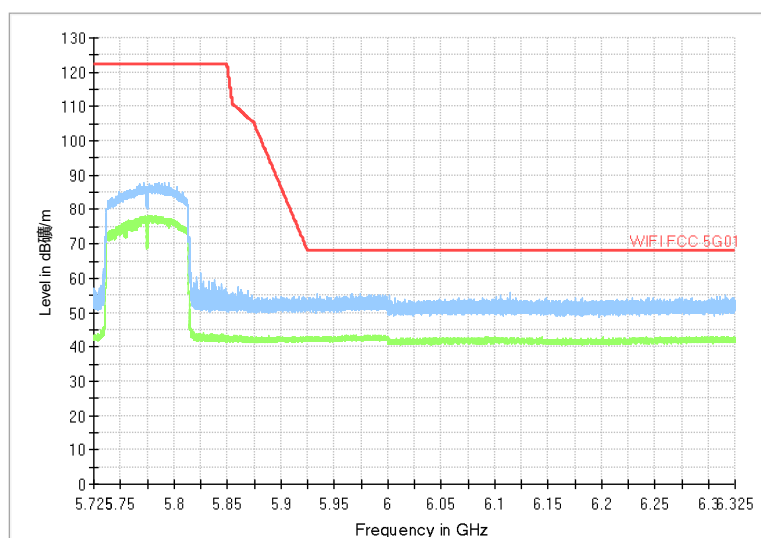
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ac

Polarization: V

Full Spectrum

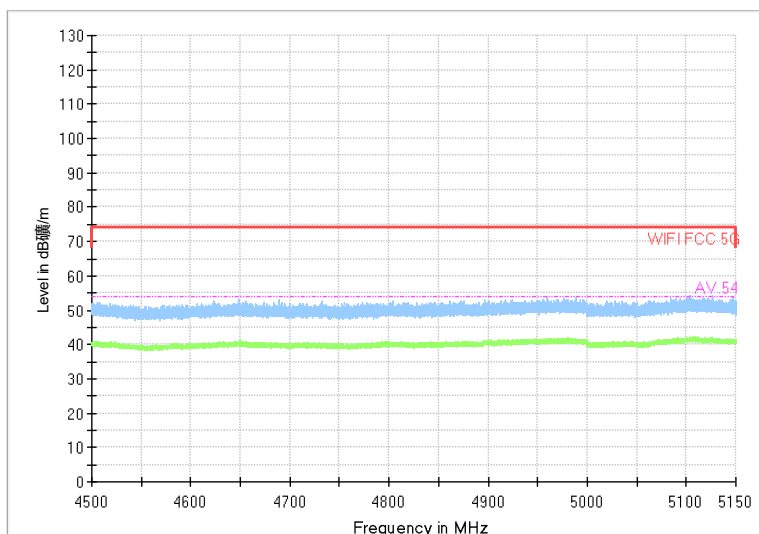


Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ac

Full Spectrum



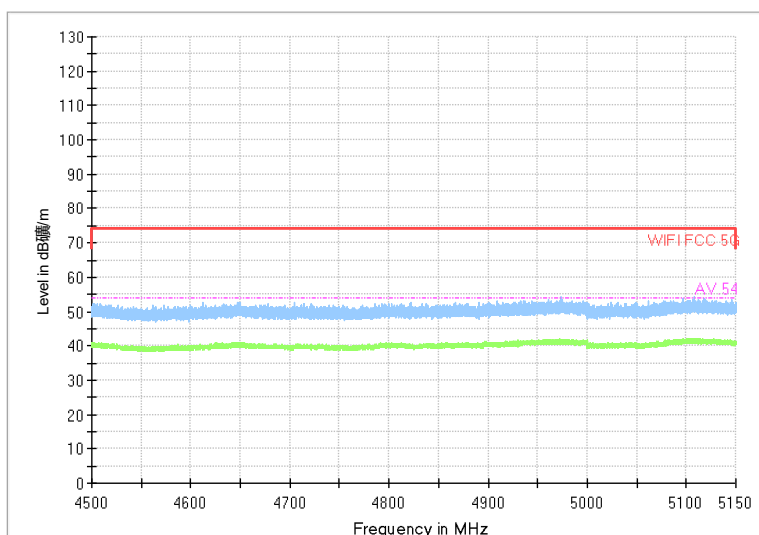
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ax

Polarization: V

Full Spectrum



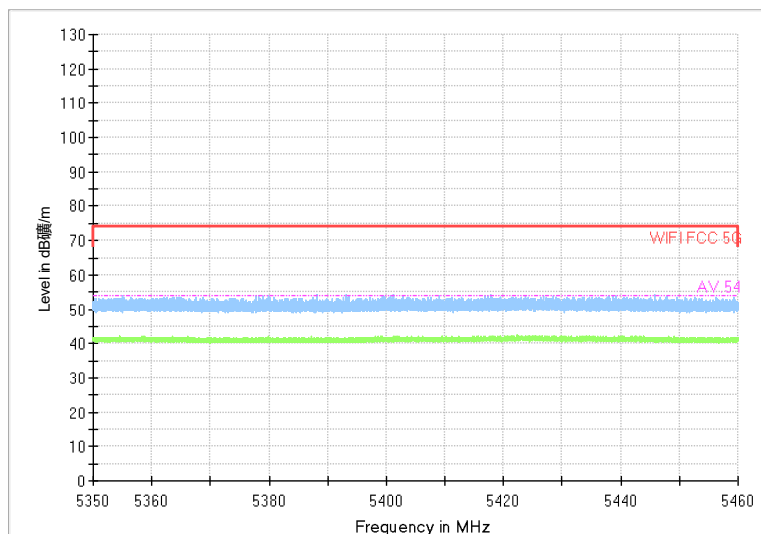
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ax

Polarization: H

Full Spectrum



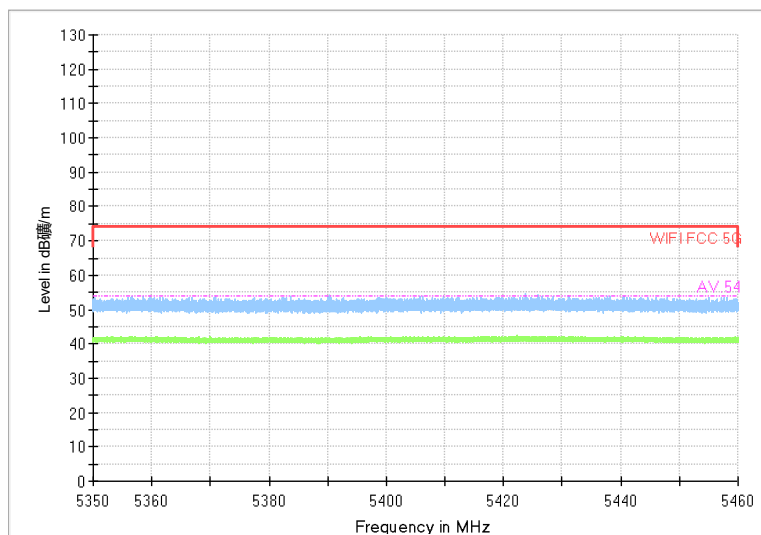
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ax

Polarization: V

Full Spectrum



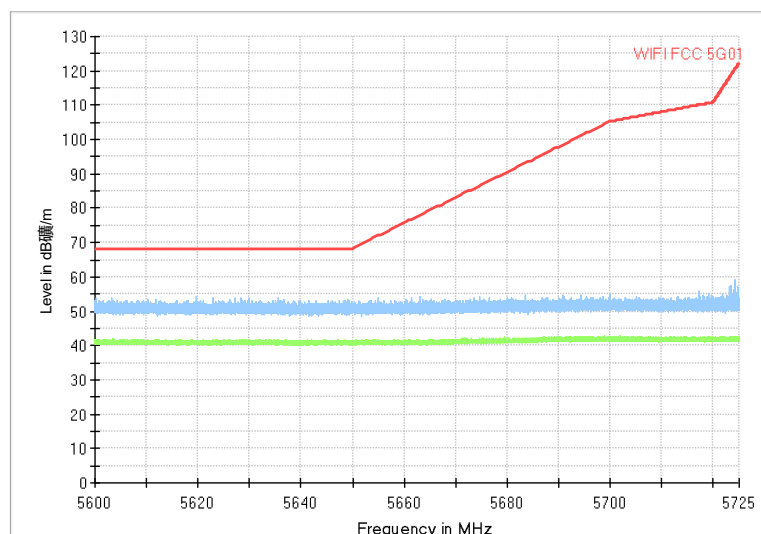
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ax

Polarization: H

Full Spectrum



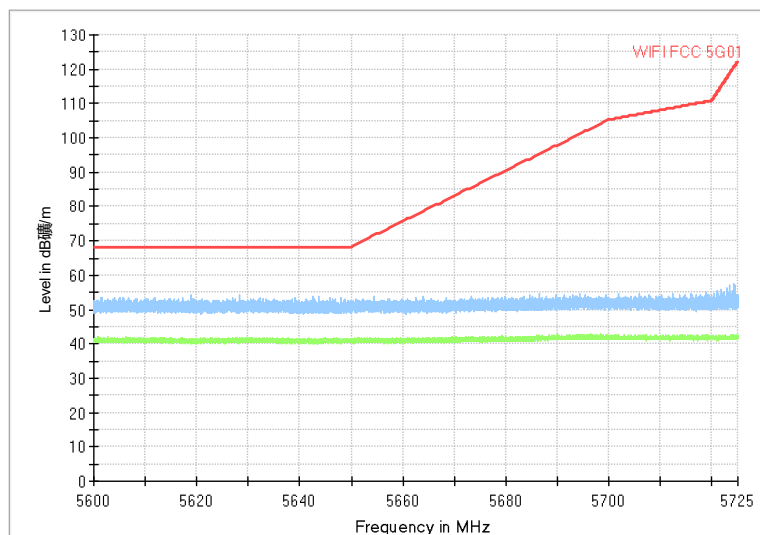
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: V

Full Spectrum



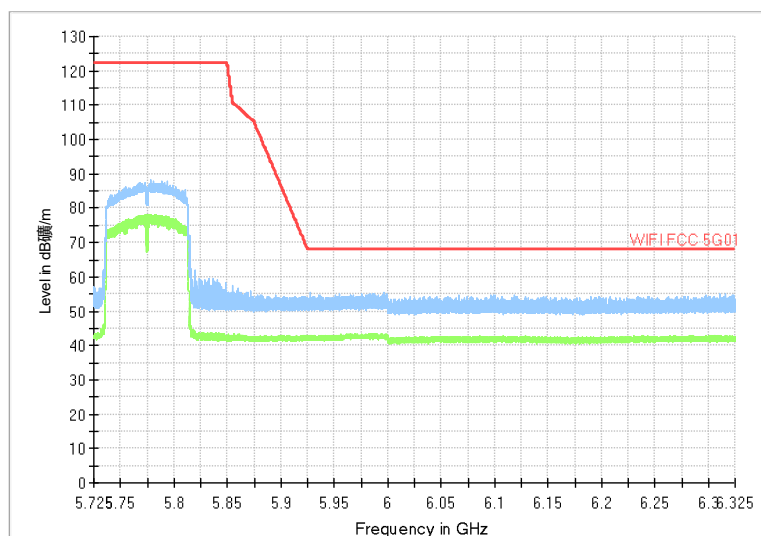
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: H

Full Spectrum



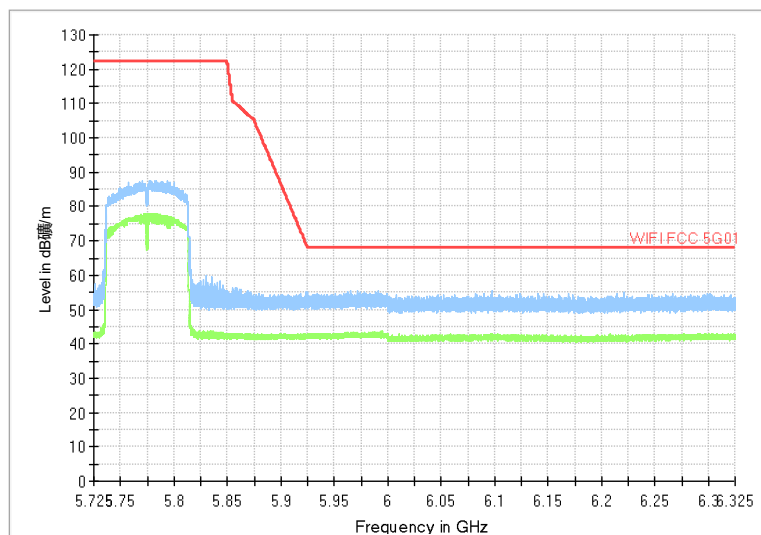
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: V

Full Spectrum



Radiated Emission Band Edge

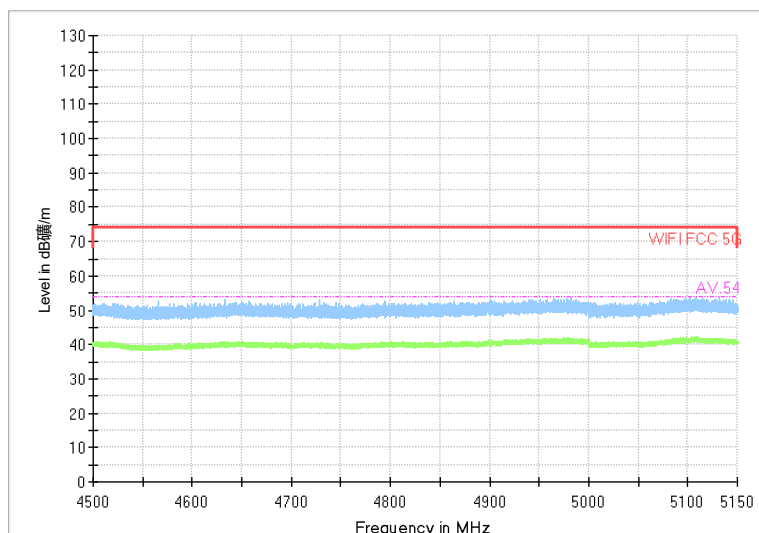
Channel No.:155

Test Mode: 802.11ax

Polarization: H

80M Partial RU (Tone26)

Full Spectrum



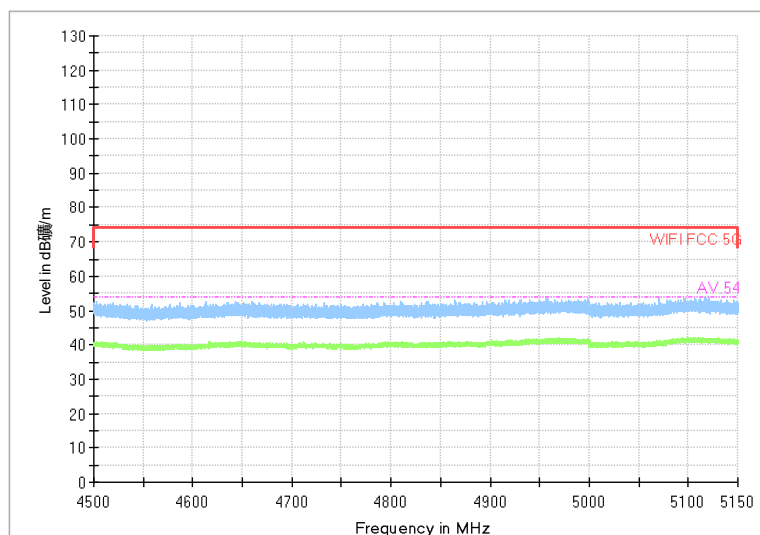
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ax

Polarization: V

Full Spectrum



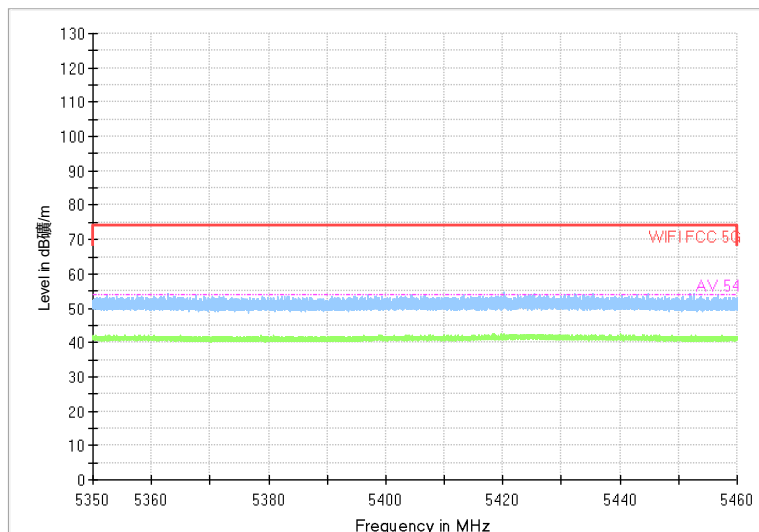
Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ax

Polarization: H

Full Spectrum



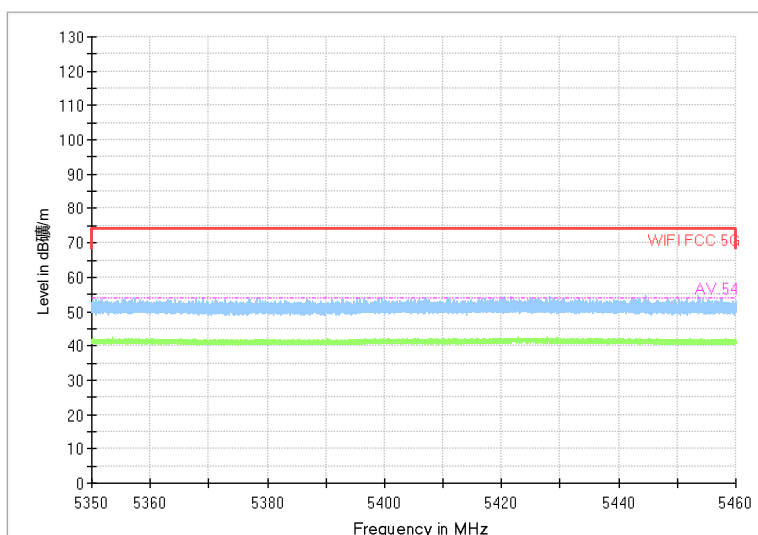
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ax

Polarization: V

Full Spectrum



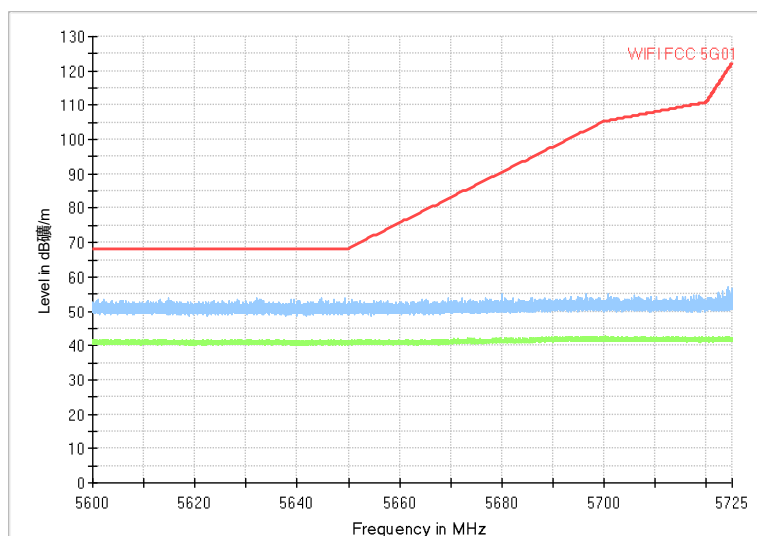
Radiated Emission Band Edge

Channel No.:58

Test Mode: 802.11ax

Polarization: H

Full Spectrum



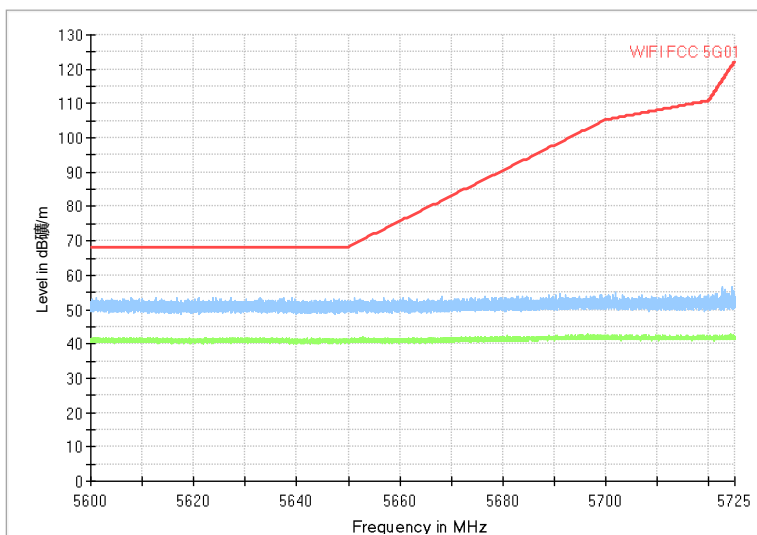
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: V

Full Spectrum



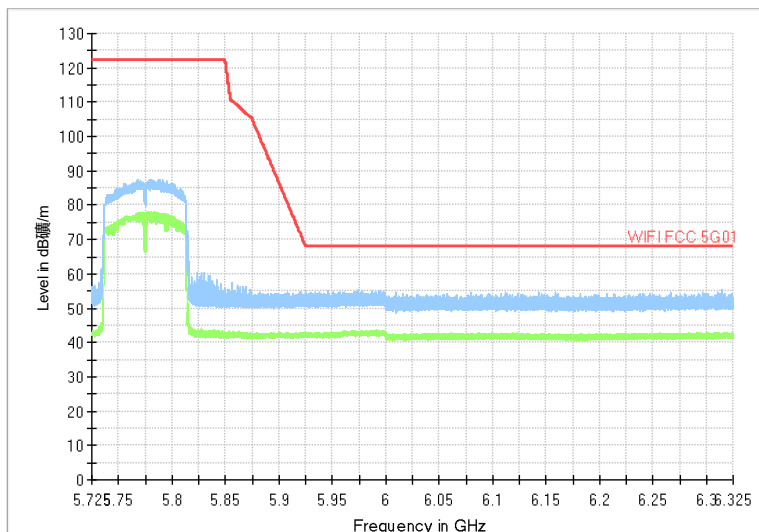
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: H

Full Spectrum



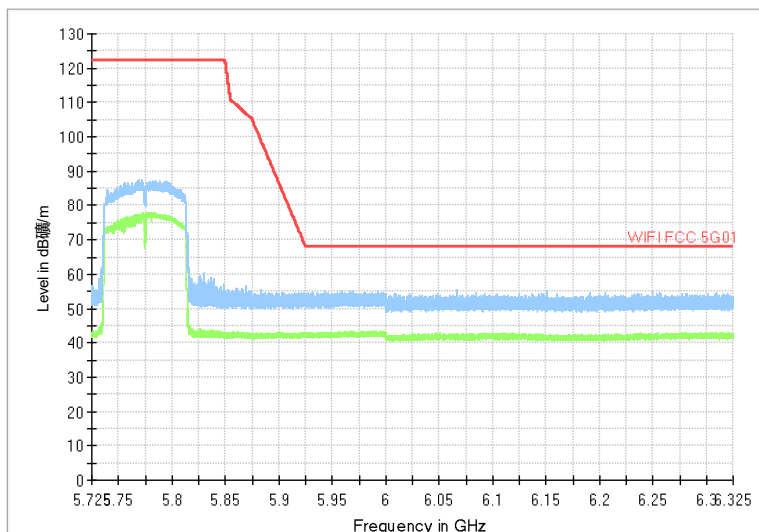
Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: V

Full Spectrum



Radiated Emission Band Edge

Channel No.:155

Test Mode: 802.11ax

Polarization: H

**Radiated Emission for WIFI**

After comparison, the worst case attitude is EUT lay down.

Determining Spurious Emissions Levels

A “reference path loss” is established and the A_{Rpl} is the attenuation of “reference path loss”, and including the gain of receive antenna, the gain of the preamplifier, the cable loss.

The measurement results are obtained as described below:

$$\text{Result} = P_{\text{mea}} + A_{Rpl}$$

Sample calculation: $(14.54 \text{ dB}\mu\text{V/m}) = (36.44 \text{ dB}\mu\text{V}) + (21.9 \text{ dB/m})$, the corresponding frequency is 46.5385 MHz.

For 802.11a Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit(dBuV/m)	Margin(dB)
449.977667	33.33	-17	50.33	Vertical	46.00	12.67
249.996000	33.29	-22	55.29	Vertical	46.00	12.71
374.996667	30.68	-18	48.68	Vertical	46.00	15.32
225.002333	29.55	-23	52.55	Vertical	46.00	16.45
80.181333	27.80	-29	56.80	Vertical	40.00	12.20
70.578333	23.77	-27	50.77	Vertical	40.00	16.23

For 802.11n(HT20) Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit(dBuV/m)	Margin(dB)
918.132000	26.75	-8	34.75	Vertical	46.00	19.25
80.310667	27.31	-29	56.31	Vertical	40.00	12.69
374.996667	30.29	-18	48.29	Vertical	46.00	15.71
779.907000	26.81	-10	36.81	Vertical	46.00	19.19
225.099333	27.68	-23	50.68	Vertical	46.00	18.32
249.996000	32.85	-22	54.85	Vertical	46.00	13.15

For 802.11ac(VHT20) Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	A_{Rpl} (dB)	P_{mea} (dBuV/m)	Polarity	Limit(dBuV/m)	Margin(dB)
249.996000	32.56	-22	54.56	Vertical	46.00	13.44



83.932000	26.68	-28	54.68	Vertical	40.00	13.32
895.013667	26.75	-8	34.75	Vertical	46.00	19.25
374.996667	29.03	-18	47.03	Vertical	46.00	16.97
450.010000	28.05	-17	45.05	Vertical	46.00	17.95
224.905333	28.28	-23	51.28	Vertical	46.00	17.72

For 802.11ax(HE20)Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
450.042333	31.94	-17	48.94	Vertical	46.00	14.06
374.996667	28.96	-18	46.96	Vertical	46.00	17.04
86.648000	25.71	-28	53.71	Vertical	40.00	14.29
79.243667	27.32	-29	56.32	Vertical	40.00	12.68
70.707667	22.57	-28	50.57	Vertical	40.00	17.43
249.996000	32.86	-22	54.86	Vertical	46.00	13.14

For 802.11aChannel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
249.996000	32.84	-22	54.84	Vertical	46.00	13.16
449.945333	31.29	-17	48.29	Vertical	46.00	14.72
89.913667	24.62	-27	51.62	Vertical	43.50	18.88
374.996667	28.91	-18	46.91	Vertical	46.00	17.09
77.497667	27.53	-29	56.53	Vertical	40.00	12.47
224.808333	28.13	-23	51.13	Vertical	46.00	17.87

For 802.11n(HT20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
450.010000	31.28	-17	53.28	Vertical	46.00	14.72
80.375333	27.54	-29	44.54	Vertical	40.00	12.46
374.996667	29.22	-18	56.22	Vertical	46.00	16.78
762.350000	26.63	-10	44.63	Vertical	46.00	19.37
944.645333	26.65	-8	55.65	Vertical	46.00	19.35
249.996000	32.44	-22	55.44	Vertical	46.00	13.56

For 802.11ac(VHT20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
249.996000	32.62	-22	54.62	Vertical	46.00	13.38
449.977667	27.18	-17	44.18	Vertical	46.00	18.82
86.583333	26.19	-28	54.19	Vertical	40.00	13.81
374.996667	29.04	-18	47.04	Vertical	46.00	16.96
70.804667	22.12	-28	50.12	Vertical	40.00	17.88
79.761000	26.12	-29	55.12	Vertical	40.00	13.88

For 802.11ax(HE20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
953.310667	25.87	-7	32.87	Vertical	46.00	20.13
249.996000	30.96	-22	52.96	Vertical	46.00	15.04
374.996667	27.33	-18	45.33	Vertical	46.00	18.67
82.671000	20.71	-29	49.71	Vertical	40.00	19.29
35.464333	21.47	-26	47.47	Vertical	40.00	18.53
785.824000	26.12	-10	36.12	Vertical	46.00	19.88

For 802.11aChannel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
249.996000	30.41	-22	52.41	Vertical	46.00	15.59
374.996667	27.71	-18	45.71	Vertical	46.00	18.29
36.046333	19.95	-26	45.95	Vertical	40.00	20.05
83.641000	19.33	-28	47.33	Vertical	40.00	20.67
947.587667	25.83	-7	32.83	Vertical	46.00	20.18
889.452333	25.23	-8	33.23	Vertical	46.00	20.77

For 802.11n(HT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl	Pmea	Polarity	Limit	Margin
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		(dB)	(dBuV/m)		(dBuV/m)	(dB)
766.973667	25.18	-10	35.18	Vertical	46.00	20.82
249.996000	30.08	-22	52.08	Vertical	46.00	15.92
83.964333	21.12	-28	49.12	Vertical	40.00	18.88
374.996667	27.72	-18	45.72	Vertical	46.00	18.28
925.374667	26.14	-8	34.14	Vertical	46.00	19.86
35.593667	19.93	-26	45.93	Vertical	40.00	20.07

For 802.11ac(VHT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
83.382333	21.04	-28	49.04	Vertical	40.00	18.96
946.132667	25.96	-7	32.96	Vertical	46.00	20.04
868.435667	25.58	-8	33.58	Vertical	46.00	20.42
249.996000	30.36	-22	52.36	Vertical	46.00	15.64
374.996667	28.33	-18	46.33	Vertical	46.00	17.67
36.628333	20.28	-25	45.28	Vertical	40.00	19.72

For 802.11ax(HE20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
868.371000	25.77	-8	33.77	Vertical	46.00	20.23
374.996667	28.41	-18	46.41	Vertical	46.00	17.59
956.867333	25.53	-7	32.53	Vertical	46.00	20.47
83.770333	20.09	-28	48.09	Vertical	40.00	19.91
31.002333	19.50	-26	45.50	Vertical	40.00	20.50
249.996000	29.84	-22	51.84	Vertical	46.00	16.16

For 802.11n(HT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
249.996000	30.09	-22	52.09	Vertical	46.00	15.91
374.996667	27.95	-18	45.95	Vertical	46.00	18.05
36.337333	19.78	-25	44.78	Vertical	40.00	20.22
914.025667	25.83	-8	33.83	Vertical	46.00	20.17



785.985667	25.21	-10	35.21	Vertical	46.00	20.79
83.026667	20.12	-28	48.12	Vertical	40.00	19.88

For 802.11ac(VHT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.587	14.05	-22	36.05	Vertical	40	25.95
81.022	19.91	-23.7	43.61	Vertical	40	20.09
107.406	18.06	-21.7	39.76	Vertical	43.5	25.44
201.9325	6.69	-22.6	29.29	Vertical	43.5	36.81
528.4345	11.15	-11.6	22.75	Vertical	46	34.85
957.5625	16.87	-4	20.87	Vertical	46	29.13

For 802.11ax(HE40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.975	13.83	-22.2	36.03	Vertical	40	26.17
81.022	20.27	-23.7	43.97	Vertical	40	19.73
115.457	18.34	-21.5	39.84	Vertical	43.5	25.16
173.754	8.3	-22.9	31.2	Vertical	43.5	35.2
509.277	10.79	-11.9	22.69	Vertical	46	35.21
956.932	16.91	-4	20.91	Vertical	46	29.09

For 802.11n(HT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.7325	13.17	-22	35.17	Vertical	40	26.83
81.022	20.21	-23.7	43.91	Vertical	40	19.79
107.3575	17.94	-21.7	39.64	Vertical	43.5	25.56
173.754	8.16	-22.9	31.06	Vertical	43.5	35.34
506.755	10.91	-12	22.91	Vertical	46	35.09
931.5665	16.85	-4.3	21.15	Vertical	46	29.15

For 802.11ac(VHT40)Channel No.:46



Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.2175	14.27	-22.4	36.67	Vertical	40	25.73
81.0705	20.84	-23.7	44.54	Vertical	40	19.16
107.3575	17.87	-21.7	39.57	Vertical	43.5	25.63
173.2205	8.25	-22.9	31.15	Vertical	43.5	35.25
500.5955	10.9	-12.1	23	Vertical	46	35.1
903.0485	16.37	-4.7	21.07	Vertical	46	29.63

For 802.11ax(HE40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.5385	13.44	-21.9	35.34	Vertical	40	26.56
81.022	20.43	-23.7	44.13	Vertical	40	19.57
109.346	17.69	-21.7	39.39	Vertical	43.5	25.81
173.4145	8.25	-22.9	31.15	Vertical	43.5	35.25
503.457	10.84	-12	22.84	Vertical	46	35.16
951.1605	16.94	-4.1	21.04	Vertical	46	29.06

For 802.11ac(VHT80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.721	8.09	-23.4	31.49	Vertical	40	31.91
81.119	18.57	-23.7	42.27	Vertical	40	21.43
115.5055	17.78	-21.5	39.28	Vertical	43.5	25.72
206.1035	7.04	-22.3	29.34	Vertical	43.5	36.46
492.9325	10.57	-12.3	22.87	Vertical	46	35.43
946.6015	16.92	-4.1	21.02	Vertical	46	29.08

For 802.11ax(HE80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.661	12.14	-24.4	36.54	Vertical	40	27.86
81.022	20.03	-23.7	43.73	Vertical	40	19.97
107.309	17.25	-21.7	38.95	Vertical	43.5	26.25



204.794	7.22	-22.4	29.62	Vertical	43.5	36.28
509.859	10.71	-11.9	22.61	Vertical	46	35.29
916.968	16.63	-4.5	21.13	Vertical	46	29.37

For 802.11aChannel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.2425	11.77	-12.7	24.47	Vertical	40	28.23
81.1675	15.27	-23.7	38.97	Vertical	40	24.73
109.443	17.47	-21.7	39.17	Vertical	43.5	26.03
174.5785	6.41	-22.8	29.21	Vertical	43.5	37.09
496.0365	10.29	-12.2	22.49	Vertical	46	35.71
917.1135	16.59	-4.5	21.09	Vertical	46	29.41

For 802.11n(HT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.22	-12.6	24.82	Vertical	40	27.78
81.701	14.66	-23.6	38.26	Vertical	40	25.34
115.651	16.07	-21.4	37.47	Vertical	43.5	27.43
173.5115	5.2	-22.9	28.1	Vertical	43.5	38.3
544.197	11.07	-11.3	22.37	Vertical	46	34.93
926.183	16.87	-4.4	21.27	Vertical	46	29.13

For 802.11ac(VHT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.9265	12.18	-22.2	34.38	Vertical	40	27.82
81.022	18.74	-23.7	42.44	Vertical	40	21.26
115.8935	17.04	-21.4	38.44	Vertical	43.5	26.46
174.0935	7.35	-22.8	30.15	Vertical	43.5	36.15
525.1365	11.12	-11.7	22.82	Vertical	46	34.88
914.543	16.7	-4.5	21.2	Vertical	46	29.3



For 802.11ax(HE20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.492	10.33	-14.3	24.63	Vertical	40	29.67
83.1075	14.61	-23.5	38.11	Vertical	40	25.39
115.9905	16.06	-21.4	37.46	Vertical	43.5	27.44
174.724	6.29	-22.8	29.09	Vertical	43.5	37.21
523.4875	10.96	-11.7	22.66	Vertical	46	35.04
950.918	17.05	-4.1	21.15	Vertical	46	28.95

For 802.11aChannel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
34.365	10.67	-14.8	25.47	Vertical	40	29.33
81.313	15.12	-23.7	38.82	Vertical	40	24.88
109.249	15.96	-21.7	37.66	Vertical	43.5	27.54
173.269	5.08	-22.9	27.98	Vertical	43.5	38.42
543.3725	11.15	-11.3	22.45	Vertical	46	34.85
932.5365	16.94	-4.3	21.24	Vertical	46	29.06

For 802.11n(HT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.25	-12.6	24.85	Vertical	40	27.75
81.3615	15.03	-23.7	38.73	Vertical	40	24.97
109.0065	16.03	-21.7	37.73	Vertical	43.5	27.47
173.754	5.28	-22.9	28.18	Vertical	43.5	38.22
516.0185	10.78	-11.7	22.48	Vertical	46	35.22
926.4255	16.95	-4.4	21.35	Vertical	46	29.05

For 802.11ac(VHT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.3145	9.88	-22.4	32.28	Vertical	40	30.12



83.0105	16.02	-23.5	39.52	Vertical	40	23.98
109.2975	16.07	-21.7	37.77	Vertical	43.5	27.44
173.463	5.18	-22.9	28.08	Vertical	43.5	38.32
518.007	10.8	-11.8	22.6	Vertical	46	35.2
922.012	16.7	-4.4	21.1	Vertical	46	29.3

For 802.11ax(HE20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.27	-12.6	24.87	Vertical	40	27.73
81.2645	15.09	-23.7	38.79	Vertical	40	24.91
114.584	15.96	-21.5	37.46	Vertical	43.5	27.54
175.403	5.52	-22.8	28.32	Vertical	43.5	37.98
533.1875	11.14	-11.5	22.64	Vertical	46	34.86
931.906	16.9	-4.3	21.2	Vertical	46	29.1

For 802.11aChannel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
34.268	10.63	-14.7	25.33	Vertical	40	29.37
80.7795	14.42	-23.7	38.12	Vertical	40	25.58
107.309	16.56	-21.7	38.26	Vertical	43.5	26.94
173.463	7.14	-22.9	30.04	Vertical	43.5	36.36
510.8775	10.6	-11.9	22.5	Vertical	46	35.4
944.322	16.98	-4.1	21.08	Vertical	46	29.02

For 802.11n(HT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.298	10.13	-14.2	24.33	Vertical	40	29.87
83.0105	16	-23.5	39.5	Vertical	40	24
111.4315	16.22	-21.6	37.82	Vertical	43.5	27.28
176.0335	5.21	-22.8	28.01	Vertical	43.5	38.29
505.2515	10.49	-12	22.49	Vertical	46	35.51



938.4535	16.89	-4.2	21.09	Vertical	46	29.11
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For 802.11ac(VHT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.24	-12.6	24.84	Vertical	40	27.76
80.9735	17.58	-23.7	41.28	Vertical	40	22.42
115.2145	16.06	-21.5	37.56	Vertical	43.5	27.44
174.7725	5.3	-22.8	28.1	Vertical	43.5	38.2
556.71	10.71	-11.1	21.81	Vertical	46	35.29
931.4695	16.94	-4.3	21.24	Vertical	46	29.06

For 802.11ax(HE20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.5755	11.86	-23.3	35.16	Vertical	40	28.14
80.9735	16.96	-23.7	40.66	Vertical	40	23.04
109.4915	15.82	-21.7	37.52	Vertical	43.5	27.68
174.142	5.4	-22.8	28.2	Vertical	43.5	38.1
543.2755	11.14	-11.3	22.44	Vertical	46	34.86
941.0725	16.99	-4.2	21.19	Vertical	46	29.01

For 802.11n(HT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.25	-12.6	24.85	Vertical	40	27.75
80.925	15.33	-23.7	39.03	Vertical	40	24.67
107.212	15.73	-21.7	37.43	Vertical	43.5	27.77
176.2275	4.63	-22.8	27.43	Vertical	43.5	38.87
496.473	10.23	-12.2	22.43	Vertical	46	35.77
945.001	16.89	-4.1	20.99	Vertical	46	29.11

For 802.11ac(VHT40)Channel No.:151



Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.781	11.32	-22.1	33.42	Vertical	40	28.68
80.925	15.21	-23.7	38.91	Vertical	40	24.79
107.2605	16.05	-21.7	37.75	Vertical	43.5	27.45
204.5515	5.37	-22.4	27.77	Vertical	43.5	38.13
540.0745	11.14	-11.4	22.54	Vertical	46	34.86
926.3285	16.92	-4.4	21.32	Vertical	46	29.08

For 802.11ax(HE40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.097	12.08	-12.6	24.68	Vertical	40	27.92
81.0705	17.94	-23.7	41.64	Vertical	40	22.06
109.249	15.87	-21.7	37.57	Vertical	43.5	27.63
175.112	5.24	-22.8	28.04	Vertical	43.5	38.26
527.416	11.07	-11.6	22.67	Vertical	46	34.93
949.7055	17.08	-4.1	21.18	Vertical	46	28.92

For 802.11n(HT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.097	12.38	-12.6	24.98	Vertical	40	27.62
80.9735	17.7	-23.7	41.4	Vertical	40	22.3
113.3715	19.11	-21.5	40.61	Vertical	43.5	24.39
206.831	10.19	-22.3	32.49	Vertical	43.5	33.31
524.2635	11.31	-11.7	23.01	Vertical	46	34.69
907.462	16.58	-4.6	21.18	Vertical	46	29.42

For 802.11ac(VHT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.88	11.13	-14.5	25.63	Vertical	40	28.87
81.022	19.67	-23.7	43.37	Vertical	40	20.33



111.383	19.86	-21.6	41.46	Vertical	43.5	23.64
215.464	10.69	-21.9	32.59	Vertical	43.5	32.81
508.792	10.67	-11.9	22.57	Vertical	46	35.33
849.65	15.44	-5.6	21.04	Vertical	46	30.56

For 802.11ax(HE40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
34.268	11.29	-14.7	25.99	Vertical	40	28.71
81.022	19.47	-23.7	43.17	Vertical	40	20.53
111.383	20.1	-21.6	41.7	Vertical	43.5	23.4
232.439	13.58	-21	34.58	Vertical	46	32.42
525.379	11.45	-11.7	23.15	Vertical	46	34.55
942.867	17.04	-4.2	21.24	Vertical	46	28.96

For 802.11ac(VHT80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.686	11.09	-14.4	25.49	Vertical	40	28.91
80.9735	18.58	-23.7	42.28	Vertical	40	21.42
111.4315	20.23	-21.6	41.83	Vertical	43.5	23.27
233.0695	14.33	-21	35.33	Vertical	46	31.67
517.3765	10.94	-11.8	22.74	Vertical	46	35.06
929.772	16.87	-4.3	21.17	Vertical	46	29.13

For 802.11ax(HE80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
36.305	8.54	-15.7	24.24	Vertical	40	29.31
80.537	15.81	-23.8	39.61	Vertical	40	31.99
115.4085	18.24	-21.5	39.74	Vertical	43.5	33.42
233.021	14.27	-21	35.27	Vertical	46	29.43
498.5585	10.52	-12.1	22.62	Vertical	46	31.97



924.34	16.79	-4.4	21.19	Vertical	46	24.53
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Partial RU (Tone26)

For 802.11ax(HE20)Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.194	11.88	-12.6	24.48	Vertical	40	28.12
81.022	16.43	-23.7	40.13	Vertical	40	23.57
111.2375	16.77	-21.6	38.37	Vertical	43.5	26.73
215.1245	8.31	-21.9	30.21	Vertical	43.5	35.19
523.6815	10.91	-11.7	22.61	Vertical	46	35.09
895.0945	16.36	-4.9	21.26	Vertical	46	29.64

For 802.11ax(HE20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.2425	11.74	-12.7	24.44	Vertical	40	28.26
81.0705	16.02	-23.7	39.72	Vertical	40	23.98
111.3345	17.98	-21.6	39.58	Vertical	43.5	25.52
215.464	8.48	-21.9	30.38	Vertical	43.5	35.02
520.723	10.94	-11.8	22.74	Vertical	46	35.06
953.537	17.02	-4	21.02	Vertical	46	28.98

For 802.11ax(HE20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.32	-12.6	24.92	Vertical	40	27.68
81.022	17.16	-23.7	40.86	Vertical	40	22.84
110.995	16.6	-21.6	38.2	Vertical	43.5	26.9
236.7555	8.9	-20.8	29.7	Vertical	46	37.1
551.4235	10.91	-11.2	22.11	Vertical	46	35.09
919.8295	16.85	-4.4	21.25	Vertical	46	29.15

For 802.11ax(HE40)Channel No.:38



Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.26	-12.6	24.86	Vertical	40	27.74
81.1675	14.1	-23.7	37.8	Vertical	40	25.9
112.838	18.07	-21.5	39.57	Vertical	43.5	25.43
210.1775	7.74	-22.2	29.94	Vertical	43.5	35.76
517.5705	10.83	-11.8	22.63	Vertical	46	35.17
932.7305	17.07	-4.3	21.37	Vertical	46	28.93

For 802.11ax(HE40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.0485	12.14	-12.6	24.74	Vertical	40	27.86
81.0705	16.33	-23.7	40.03	Vertical	40	23.67
111.4315	18.07	-21.6	39.67	Vertical	43.5	25.43
214.882	8.31	-21.9	30.21	Vertical	43.5	35.19
543.033	11.17	-11.3	22.47	Vertical	46	34.83
935.7375	16.99	-4.2	21.19	Vertical	46	29.01

For 802.11ax(HE80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.388	11.68	-12.7	24.38	Vertical	40	28.32
80.9735	14.47	-23.7	38.17	Vertical	40	25.53
111.674	16.88	-21.6	38.48	Vertical	43.5	26.62
214.7365	8.27	-21.9	30.17	Vertical	43.5	35.23
524.5545	10.97	-11.7	22.67	Vertical	46	35.03
917.259	16.64	-4.5	21.14	Vertical	46	29.36

For 802.11ax(HE20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.2425	11.8	-12.7	24.5	Vertical	40	28.2
81.7495	13.24	-23.6	36.84	Vertical	40	26.76



111.1405	16.68	-21.6	38.28	Vertical	43.5	26.82
210.226	6.85	-22.2	29.05	Vertical	43.5	36.65
518.783	10.85	-11.8	22.65	Vertical	46	35.15
956.4955	17	-4	21	Vertical	46	29

For 802.11ax(HE20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30	12.28	-12.6	24.88	Vertical	40	27.72
80.1005	12.4	-23.8	36.2	Vertical	40	27.6
113.323	16.4	-21.5	37.9	Vertical	43.5	27.1
232.4875	10.69	-21	31.69	Vertical	46	35.31
532.7025	11.13	-11.5	22.63	Vertical	46	34.87
946.262	17.05	-4.1	21.15	Vertical	46	28.95

For 802.11ax(HE20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.4365	11.44	-12.8	24.24	Vertical	40	28.56
85.0475	13.1	-23.3	36.4	Vertical	40	26.9
113.5655	16.23	-21.5	37.73	Vertical	43.5	27.27
222.739	9.37	-21.5	30.87	Vertical	46	36.63
524.797	11.04	-11.7	22.74	Vertical	46	34.96
956.7865	16.98	-4	20.98	Vertical	46	29.02

For 802.11ax(HE40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.485	11.24	-12.8	24.04	Vertical	40	28.76
81.022	16.47	-23.7	40.17	Vertical	40	23.53
111.7225	16.89	-21.6	38.49	Vertical	43.5	26.61
231.9055	10.96	-21.1	32.06	Vertical	46	35.04



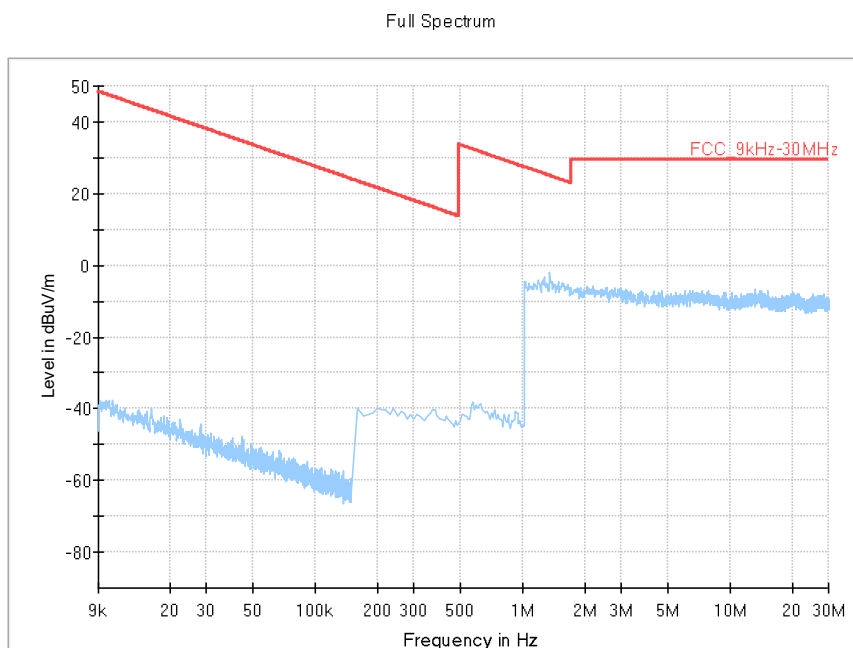
550.7445	10.91	-11.2	22.11	Vertical	46	35.09
941.994	17.05	-4.2	21.25	Vertical	46	28.95

For 802.11ax(HE40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
33.8315	10.55	-14.5	25.05	Vertical	40	29.45
81.022	16.44	-23.7	40.14	Vertical	40	23.56
111.4315	17.94	-21.6	39.54	Vertical	43.5	25.56
230.9355	10.86	-21.1	31.96	Vertical	46	35.14
526.3975	11.07	-11.6	22.67	Vertical	46	34.93
959.5025	16.97	-4	20.97	Vertical	46	29.03

For 802.11ax(HE80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
30.1455	11.95	-12.6	24.55	Vertical	40	28.05
81.022	16.36	-23.7	40.06	Vertical	40	23.64
110.801	16.44	-21.6	38.04	Vertical	43.5	27.06
214.8335	8.24	-21.9	30.14	Vertical	43.5	35.26
510.1985	10.57	-11.9	22.47	Vertical	46	35.43
728.4	13.21	-7.8	21.01	Vertical	46	32.79



Frequency Range: 9kHz -30MHz

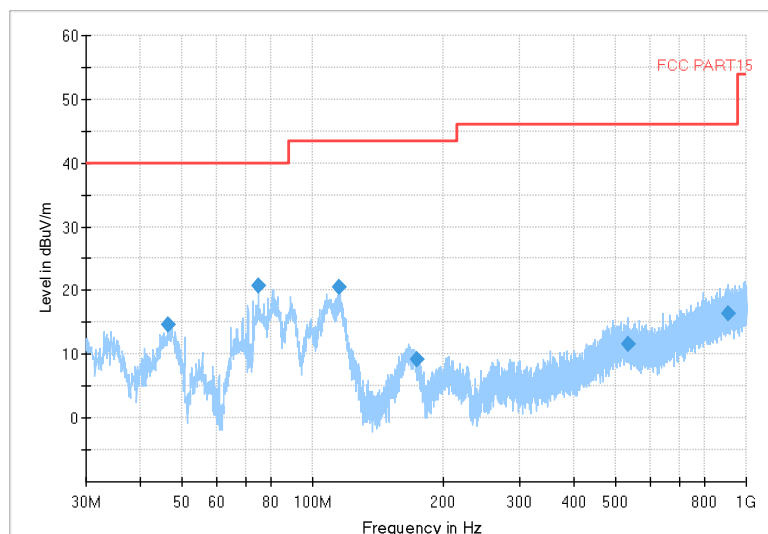
Detector: QP mode

Note: The relevant tests have been performed in order to verify in which mode would have the worst features, the result show above is the worst case.

Carrier frequency (MHz): 5180

Channel No.:36

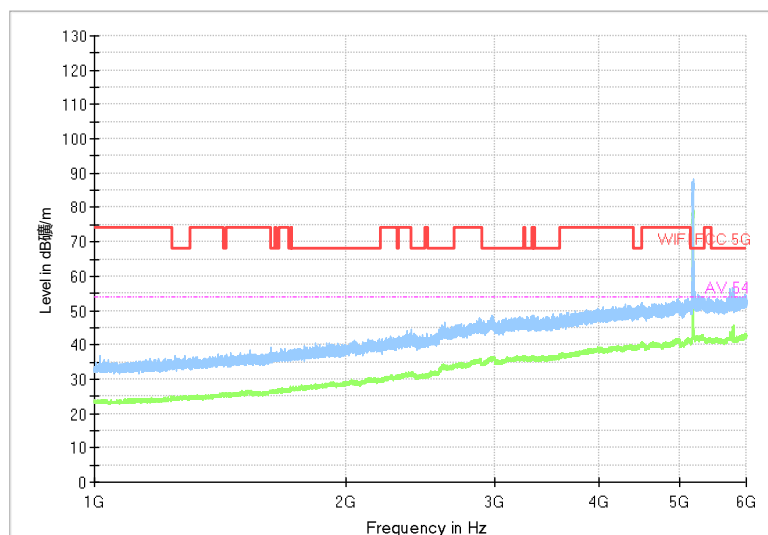
Full Spectrum



Frequency Range: 30MHz -1GHz QP mode

Modulation type: 802.11a

Full Spectrum

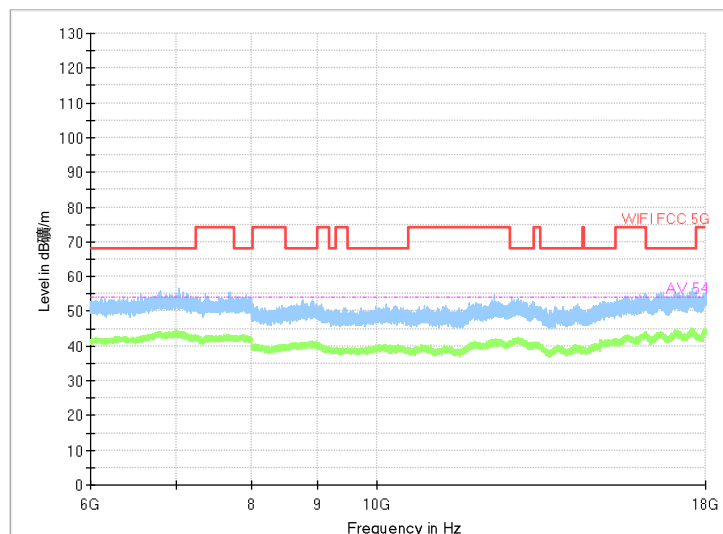


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Modulation type: 802.11a

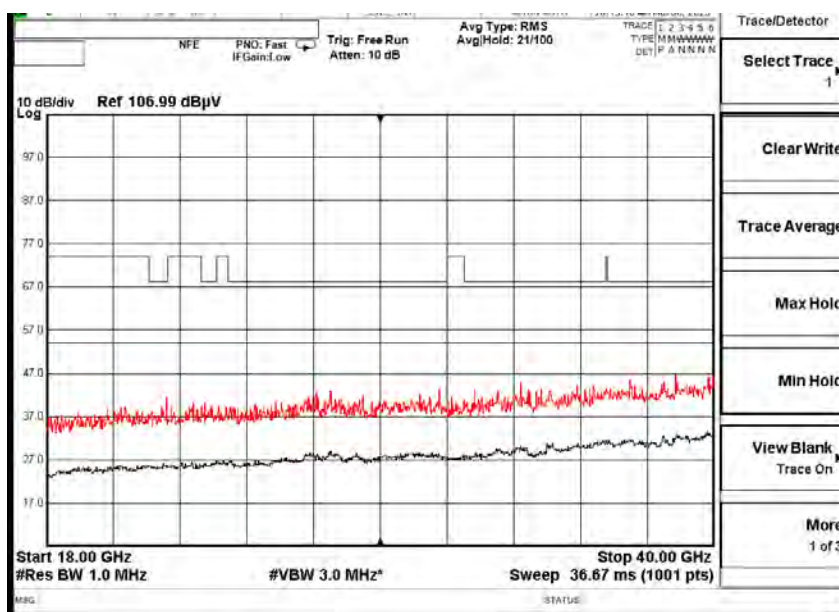
Full Spectrum



Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Modulation type: 802.11a

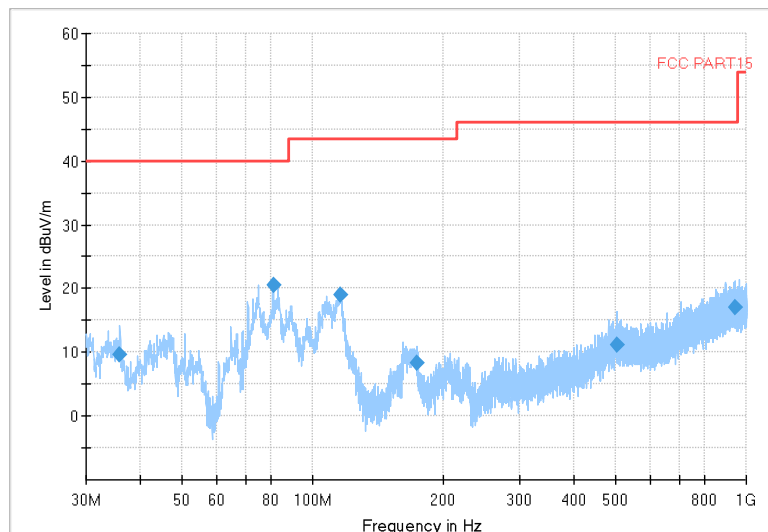


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

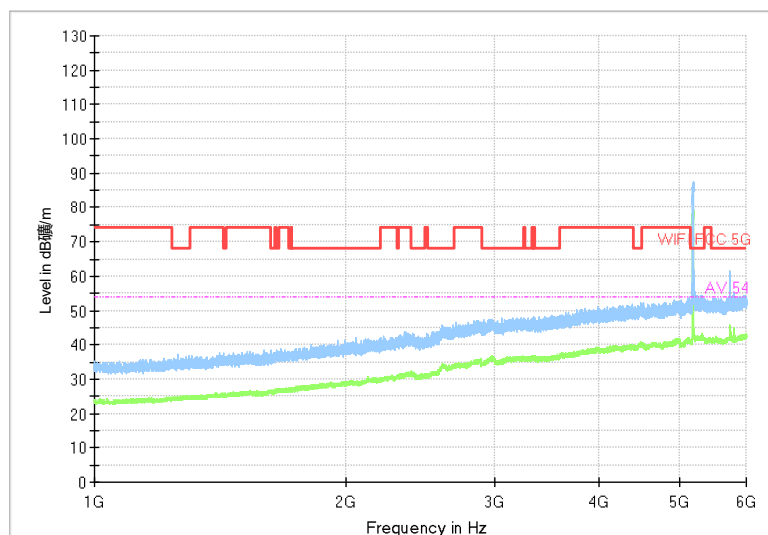
Modulation type: 802.11a

Full Spectrum



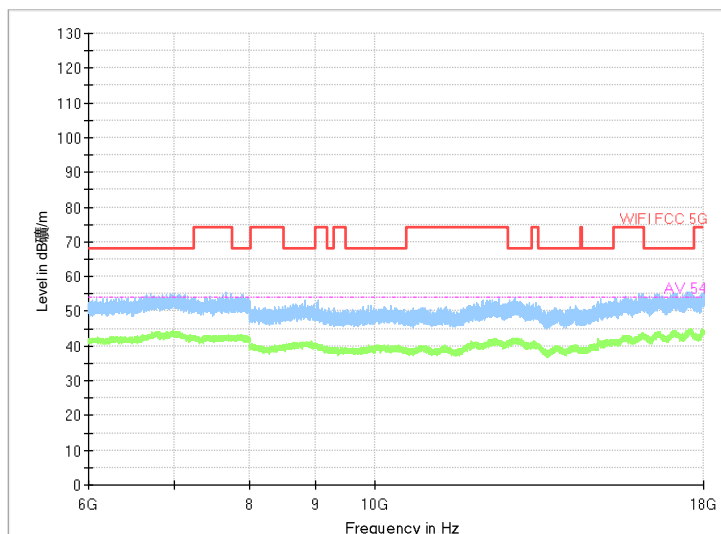
Frequency Range: 30MHz -1GHz QP mode
Modulation type: 802.11n(HT20)

Full Spectrum



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

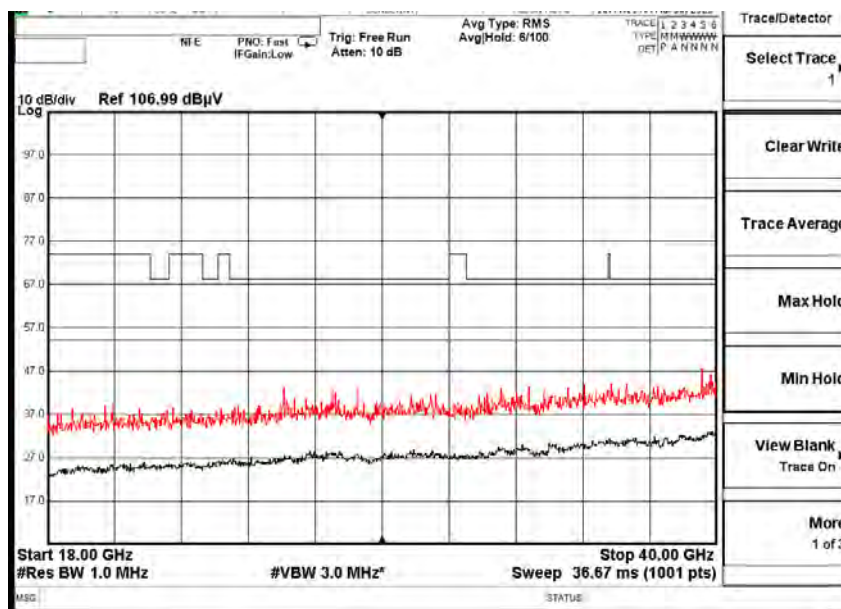
Full Spectrum



Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Modulation type: 802.11n(HT20)

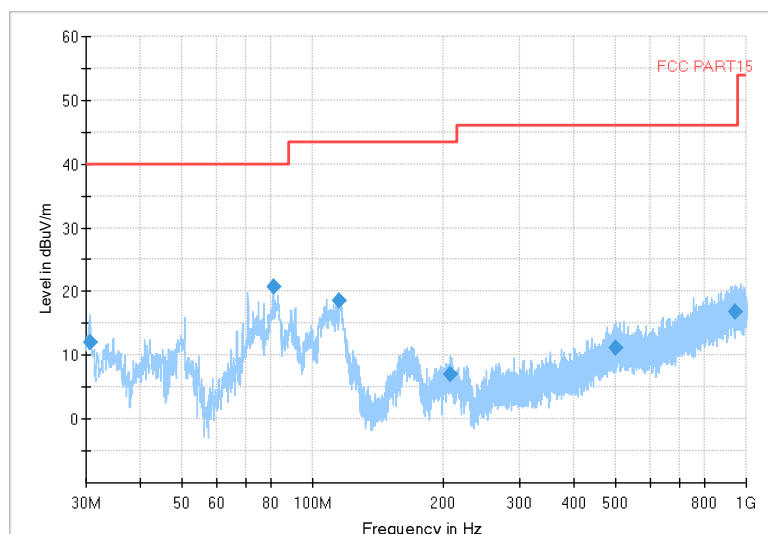


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

Modulation type: 802.11n(HT20)

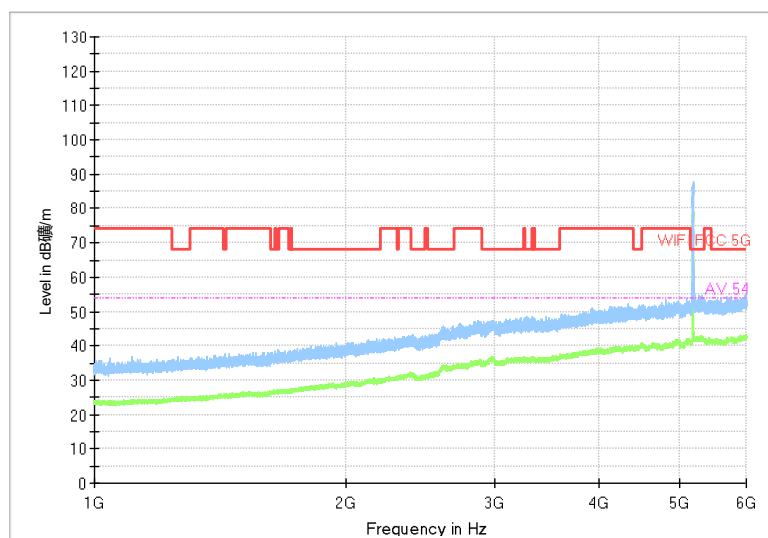
Full Spectrum



Frequency Range: 30MHz -1GHz QP mode

Test Mode: 802.11ac(VHT20)

Full Spectrum

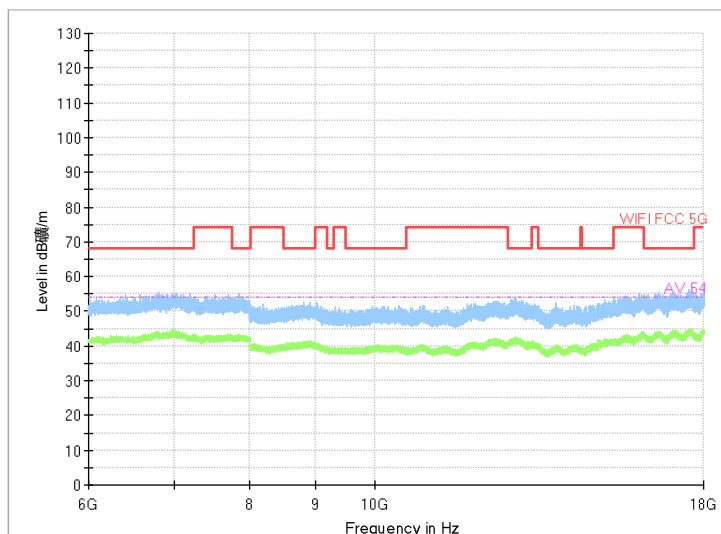


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

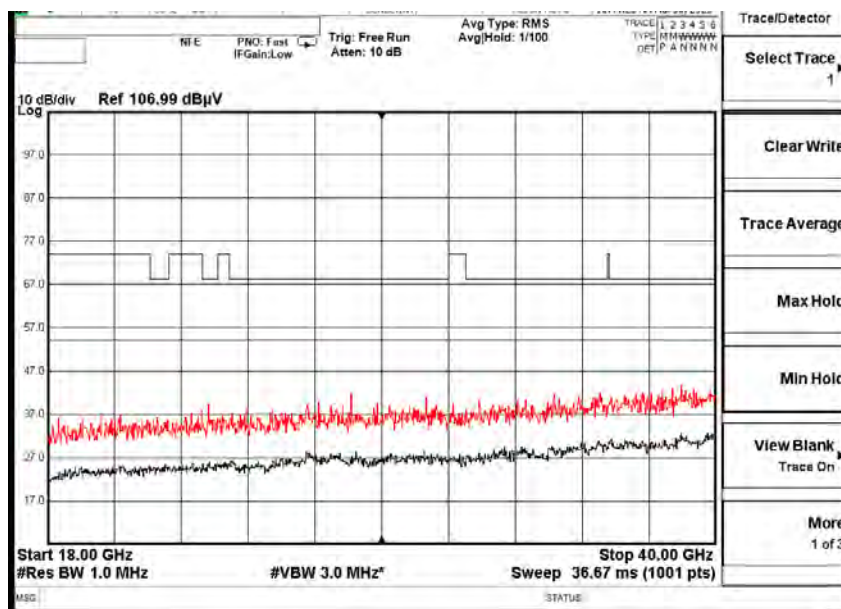
Full Spectrum



Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

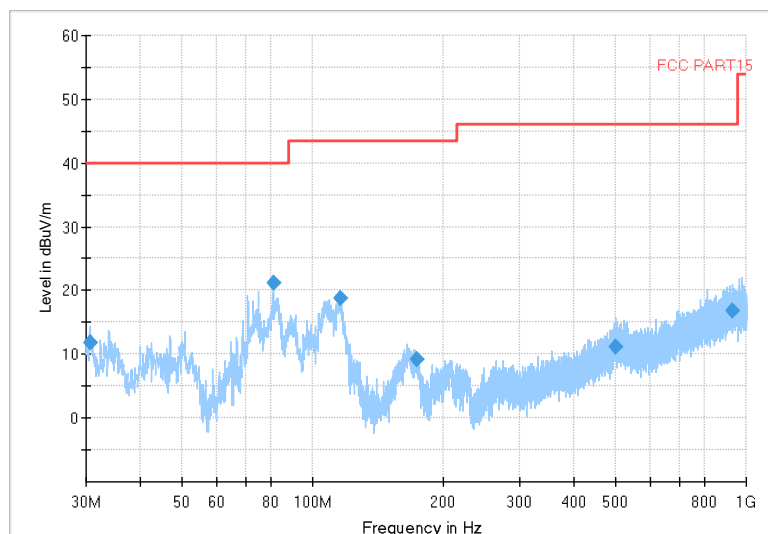


Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

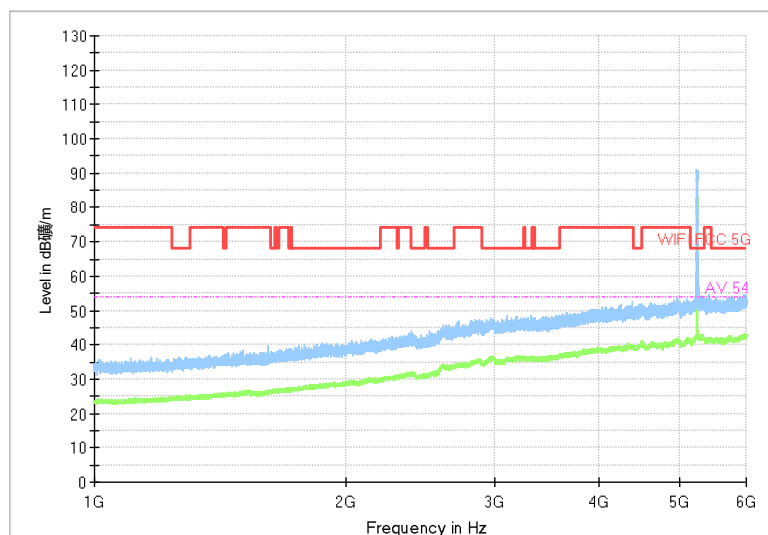
Full Spectrum



Frequency Range: 30MHz -1GHz QP mode

Test Mode: 802.11ax(HE20)

Full Spectrum

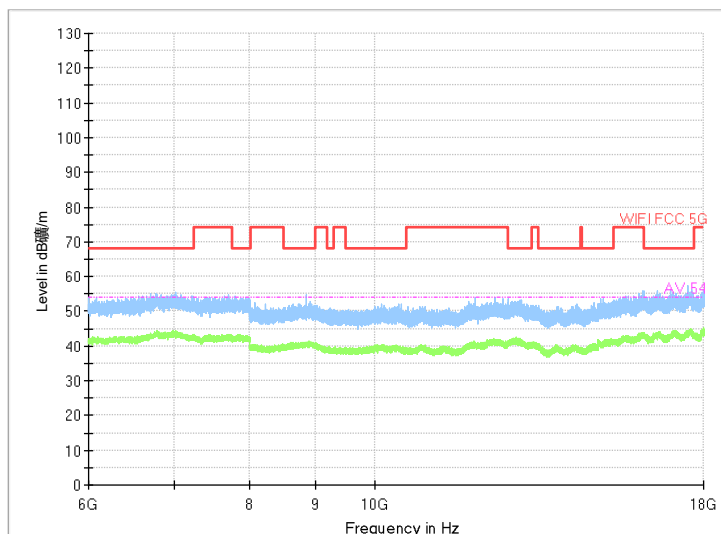


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

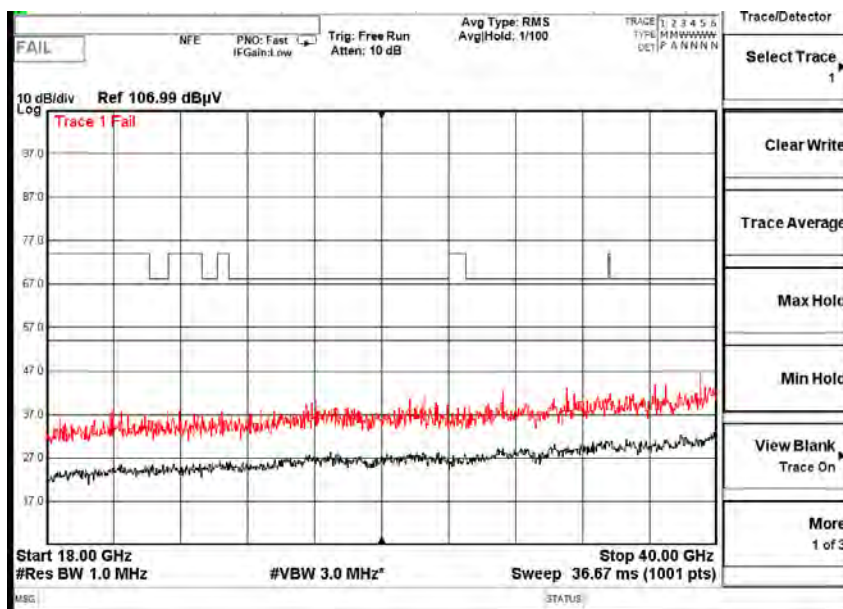
Full Spectrum



Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)



Frequency Range: 18GHz -40GHz

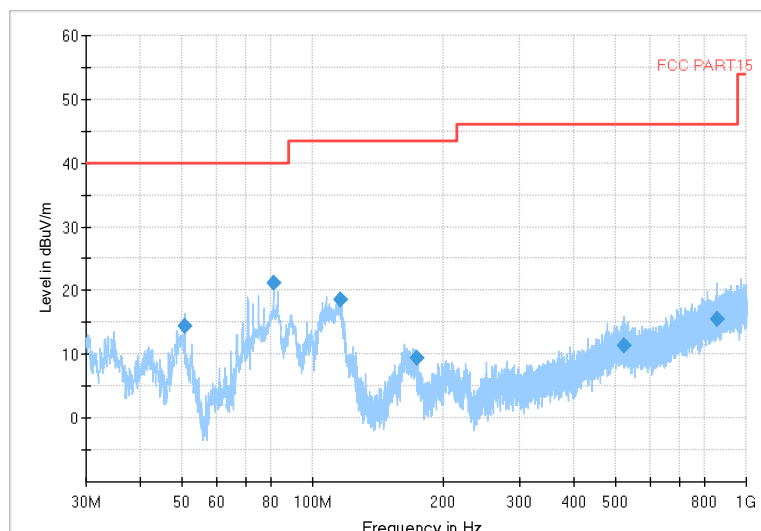
Detector: Av mode and PK mode

Test Mode: 802.11ax(HE20)

Carrier frequency (MHz): 5220

Channel No.44

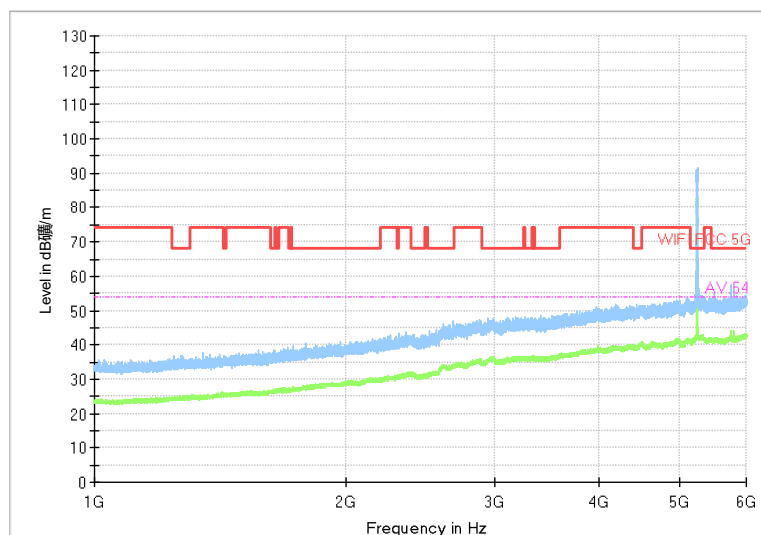
Full Spectrum



Frequency Range: 30MHz -1GHz QP mode

Modulation type: 802.11a

Full Spectrum

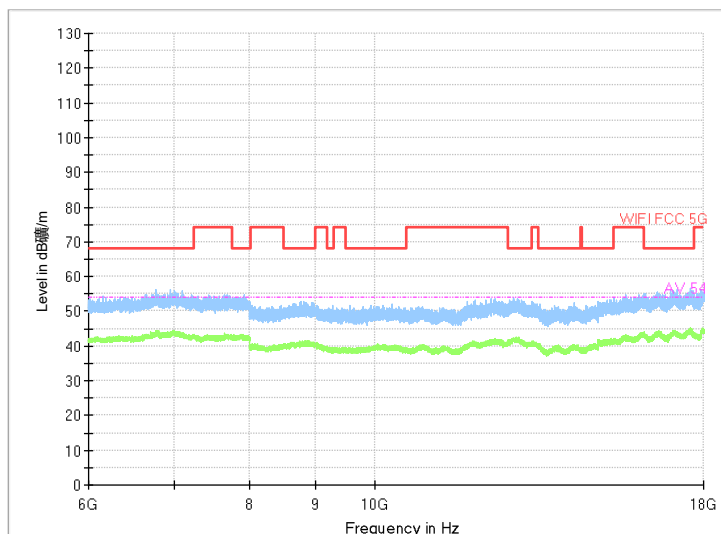


Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Modulation type: 802.11a

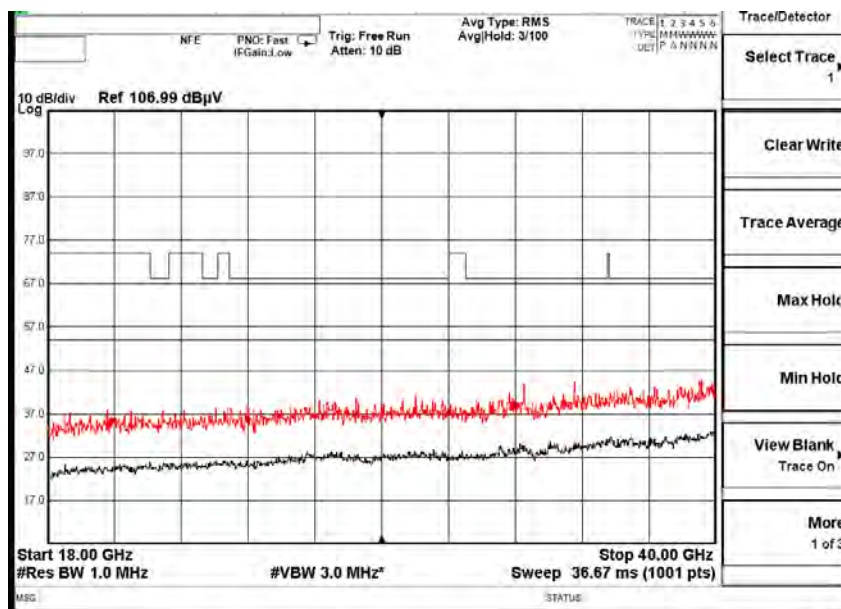
Full Spectrum



Frequency Range: 6GHz -18GHz

Detector: Av mode and PK mode

Modulation type: 802.11a



Frequency Range: 18GHz -40GHz

Detector: Av mode and PK mode

Modulation type: 802.11a