



APPENDIX B – TEST DATA OF RADIATED EMISSION

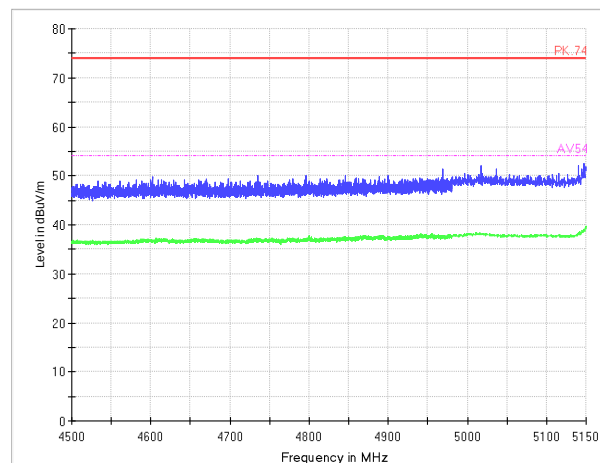
Note: The worst channel results are reflected in the report.

Note: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan

For 802.11a is ANT0 For 802.11n(HT20/HT40) 、802.11ac (VHT20/VHT40/VHT80) is ANT MIMO

Radiated Emission Band Edge

20M

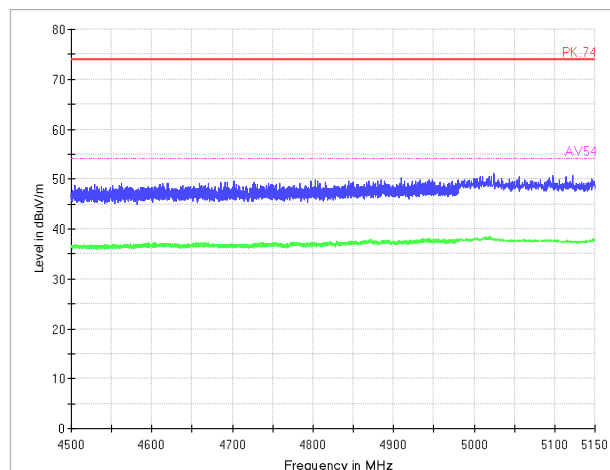


Radiated Emission Band Edge

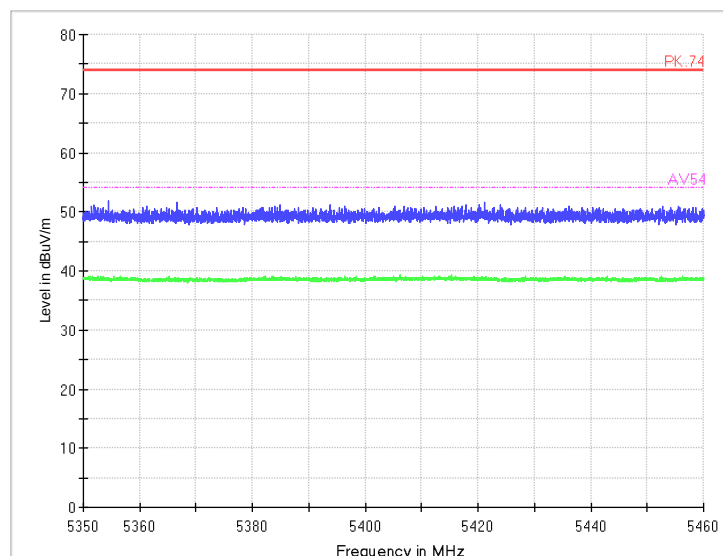
Channel No.:36

Test Mode: 802.11a

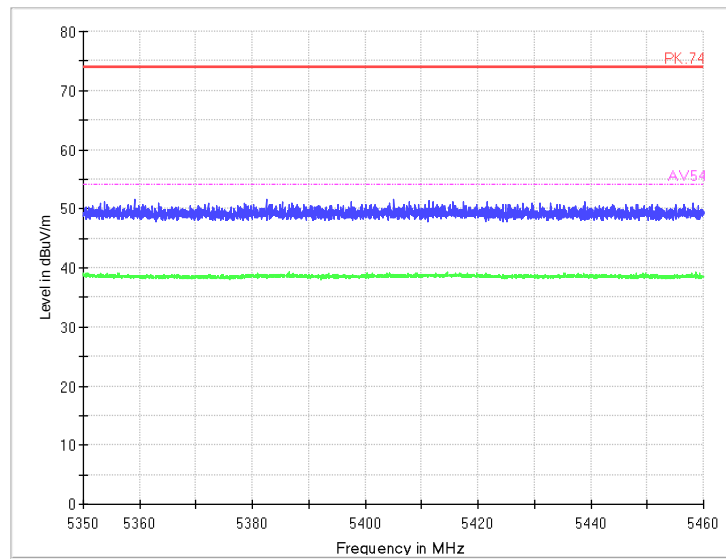
Polarization: V



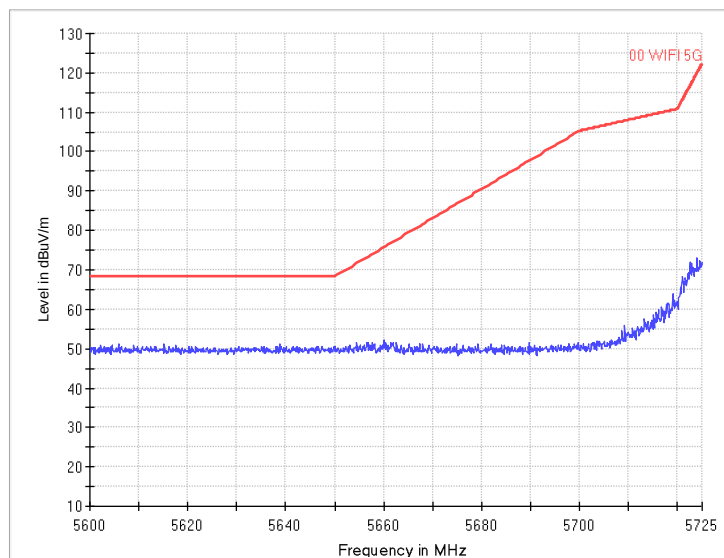
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11a
Polarization: H



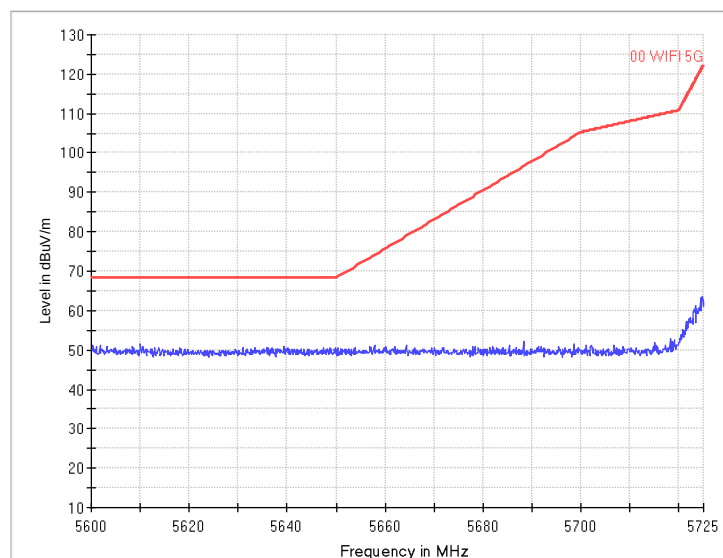
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11a
Polarization: V



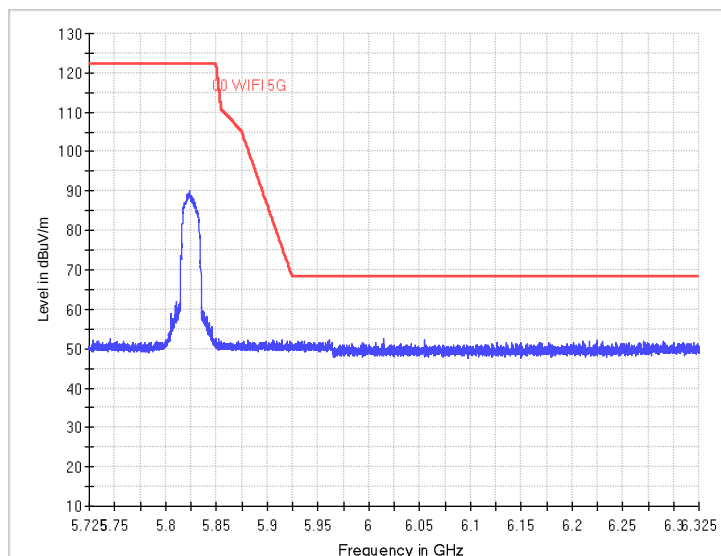
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11a
Polarization: H



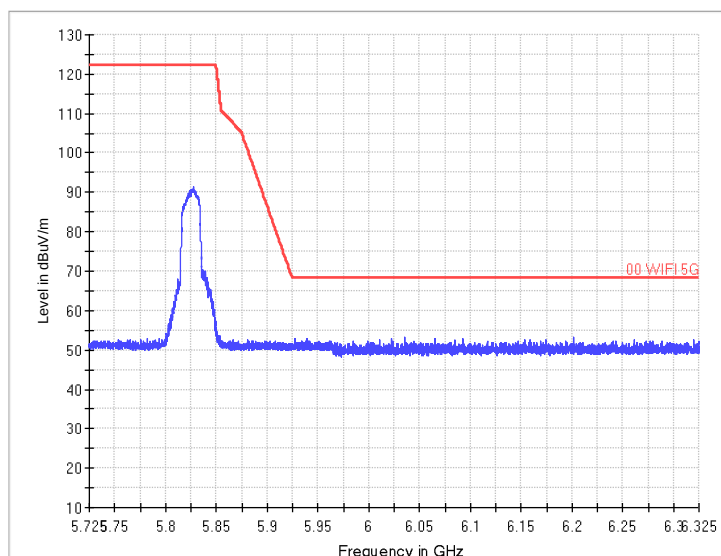
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization: V



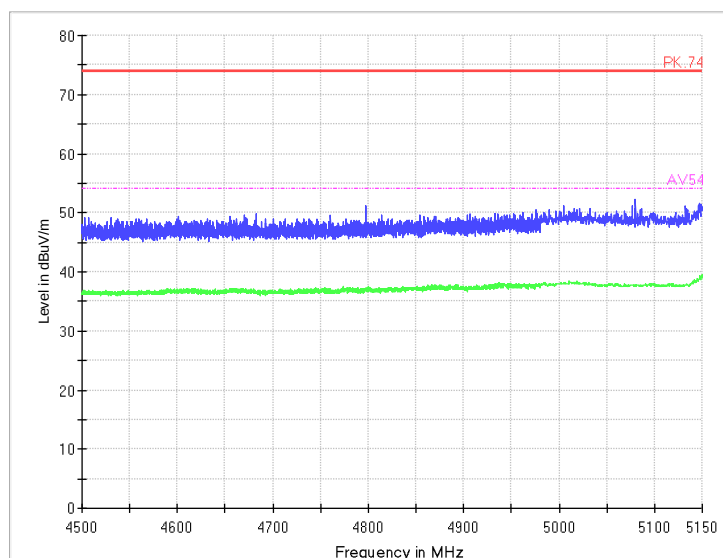
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization: H



Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization: V



Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization: H

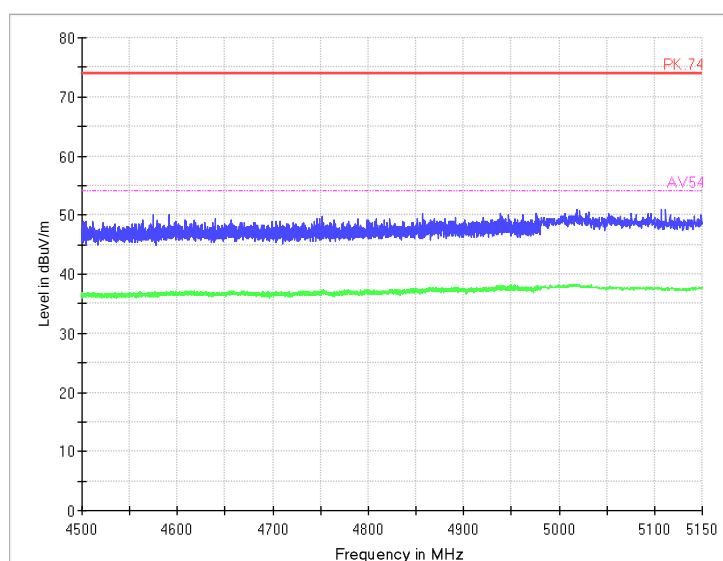


Radiated Emission Band Edge

Channel No.:36

Test Mode: 802.11n

Polarization: V

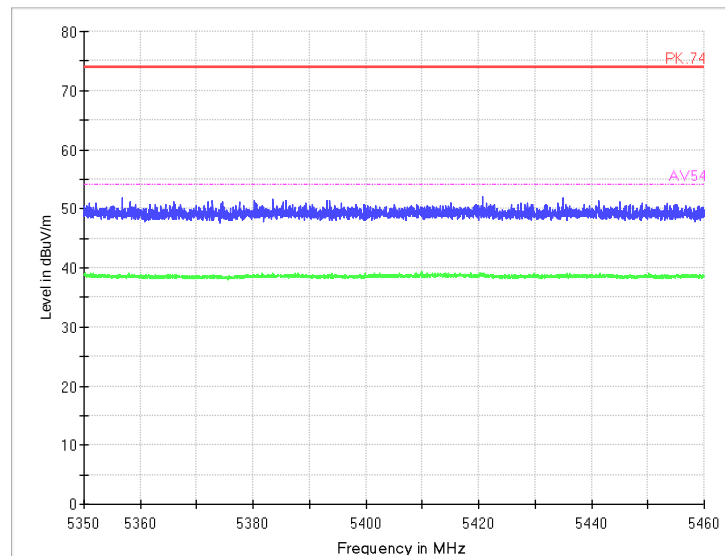


Radiated Emission Band Edge

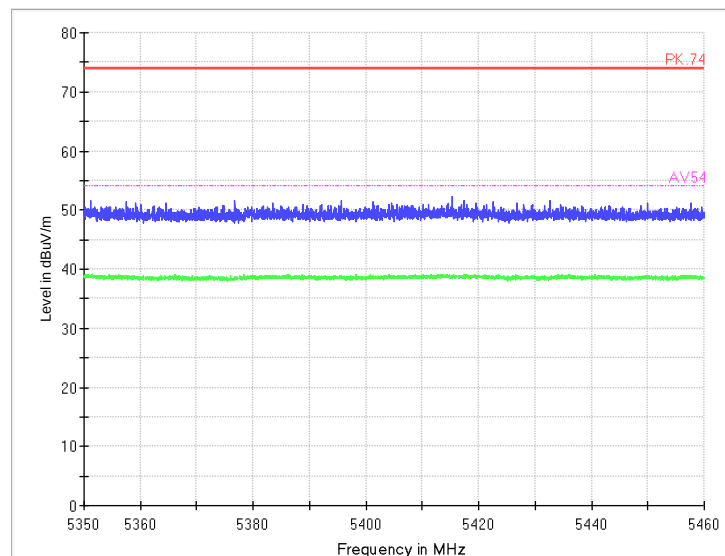
Channel No.:36

Test Mode: 802.11n

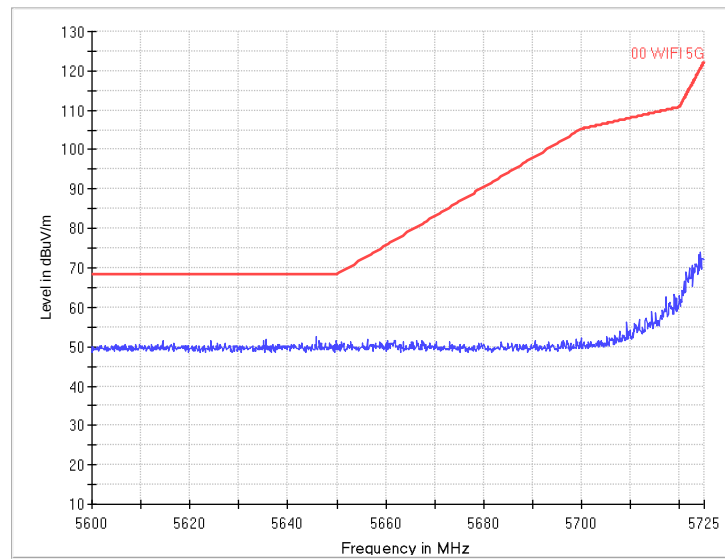
Polarization: H



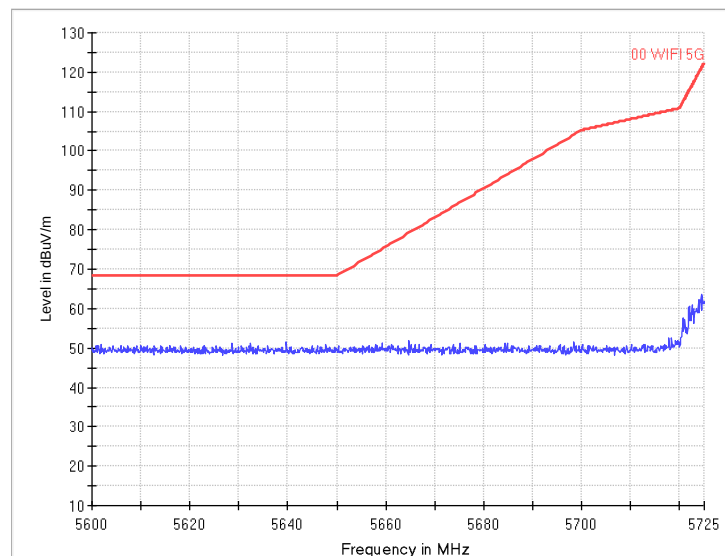
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11n
Polarization: V



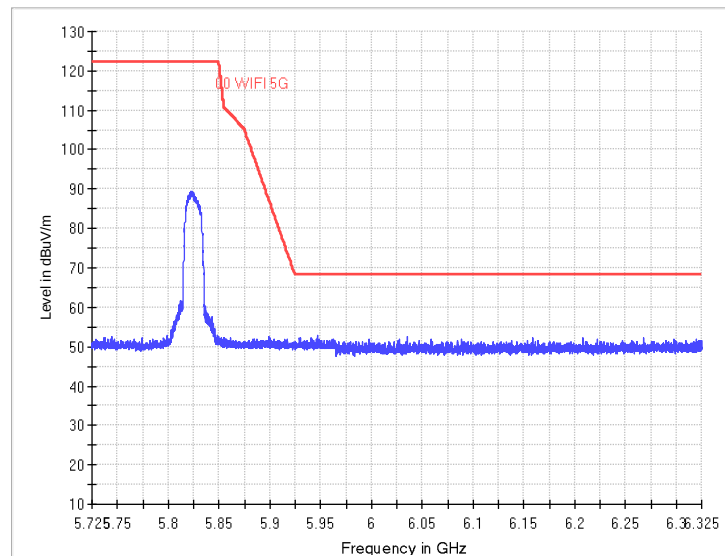
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11n
Polarization: H



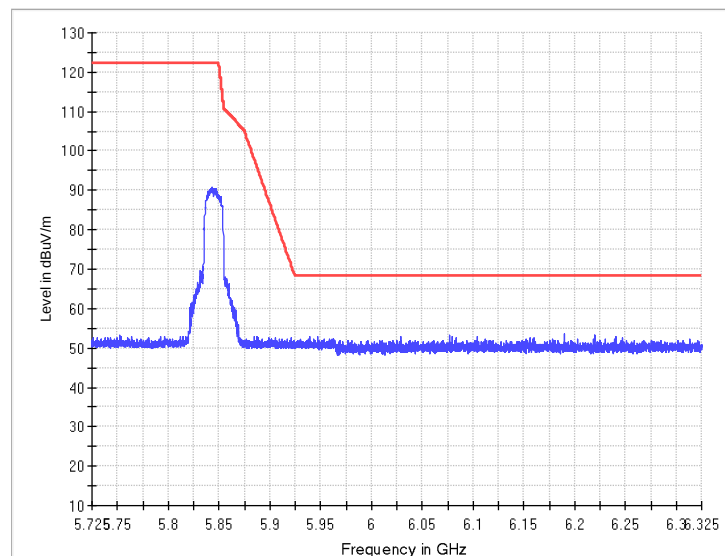
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization: V



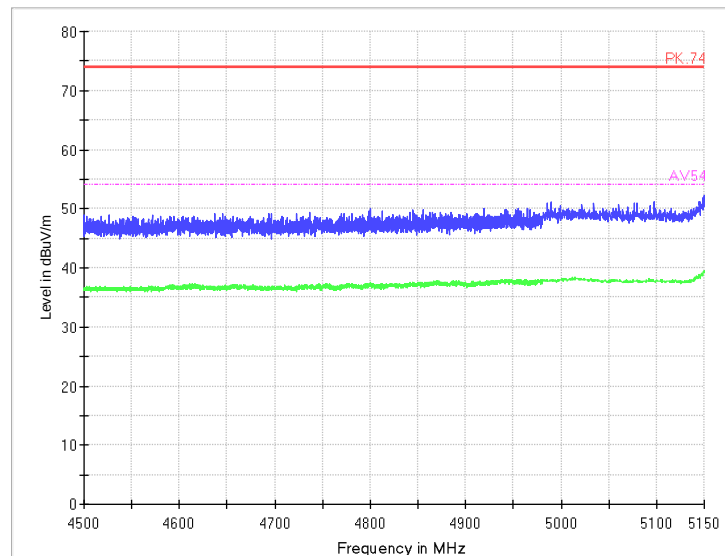
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization: H



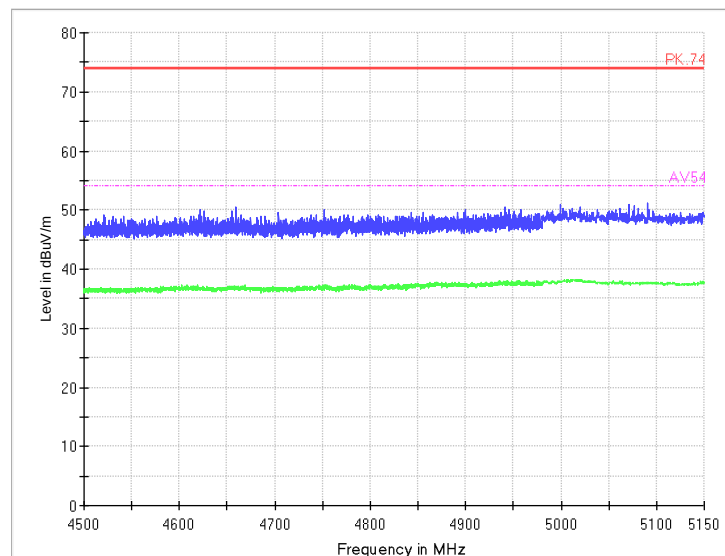
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization: V



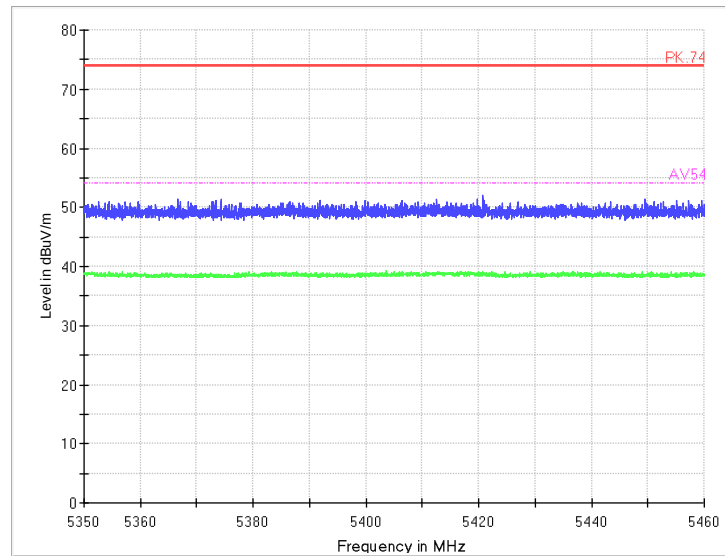
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization: H



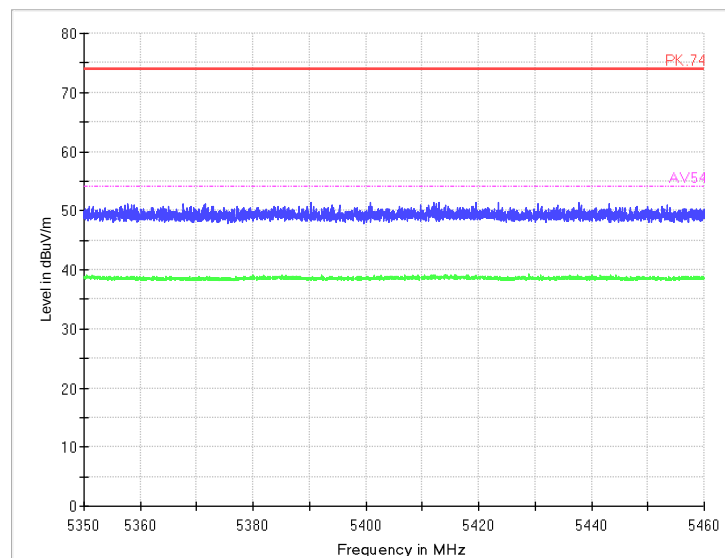
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ac
Polarization: V



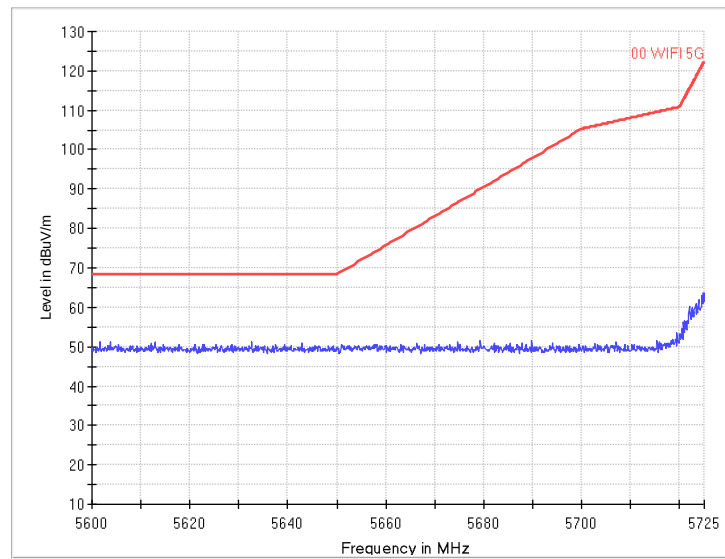
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ac
Polarization: H



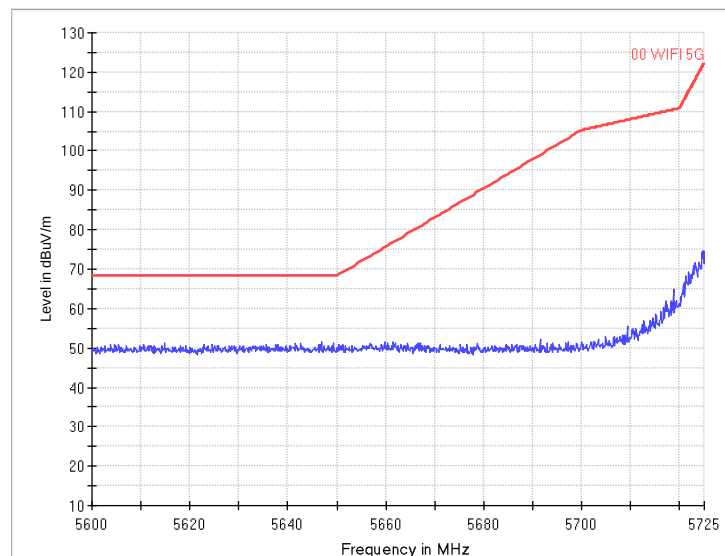
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ac
Polarization: V



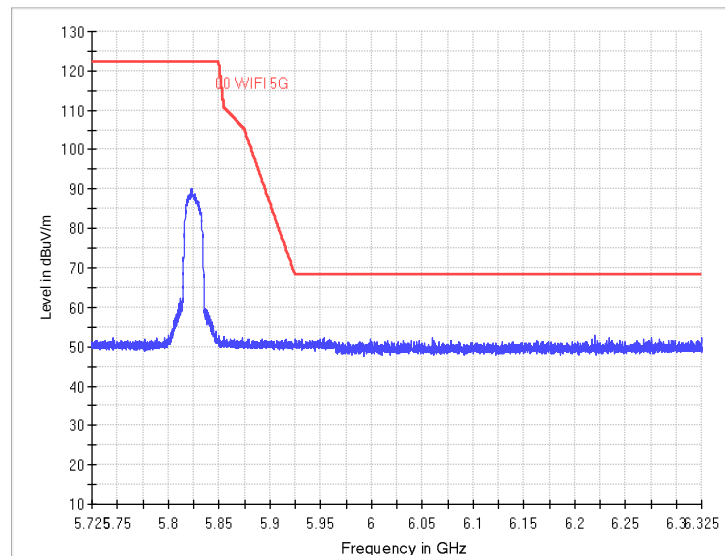
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ac
Polarization: H



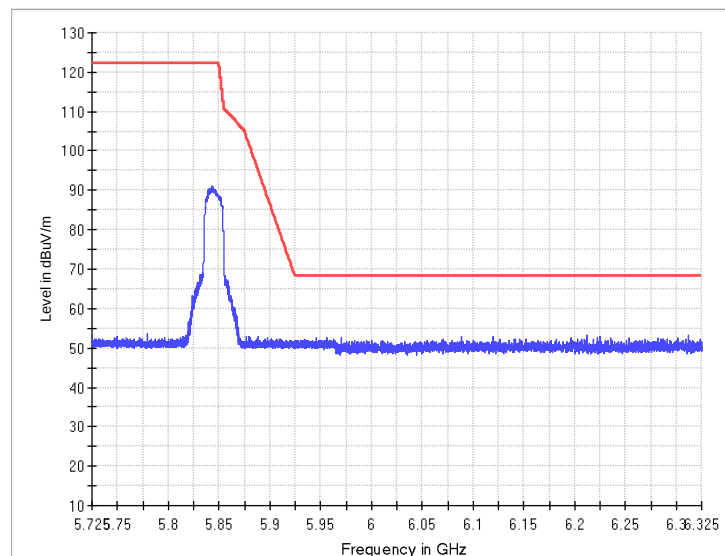
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ac
Polarization: H



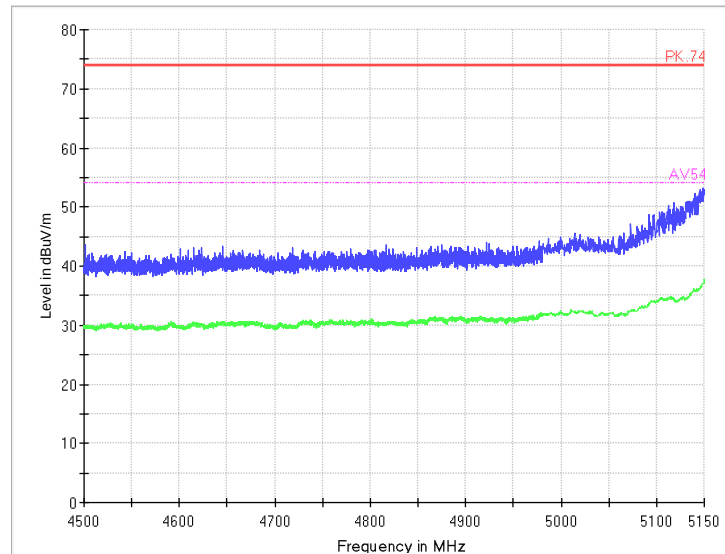
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization: H



40M

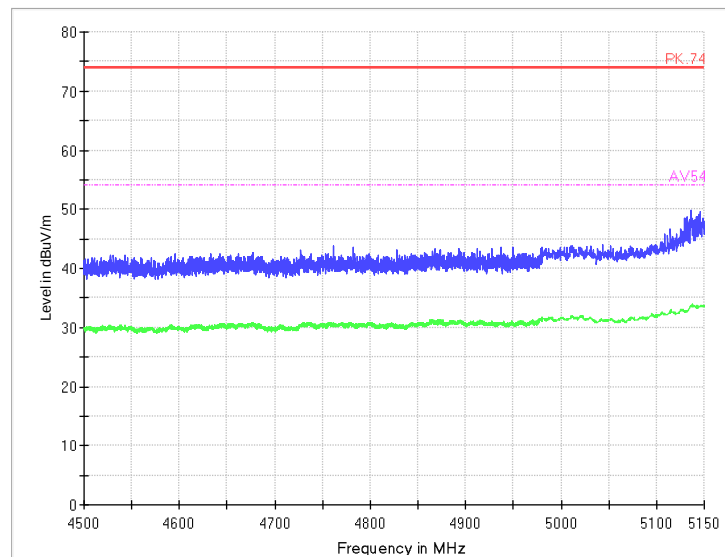


Radiated Emission Band Edge

Channel No.:38

Test Mode: 802.11n

Polarization: V

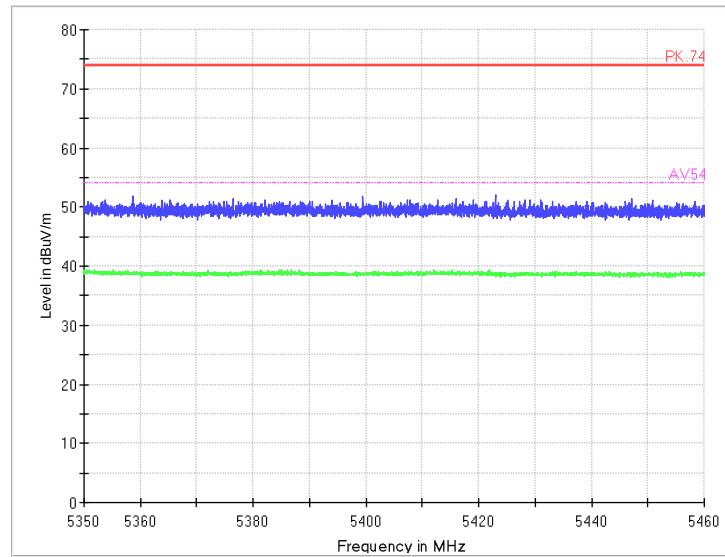


Radiated Emission Band Edge

Channel No.:38

Test Mode: 802.11n

Polarization: H

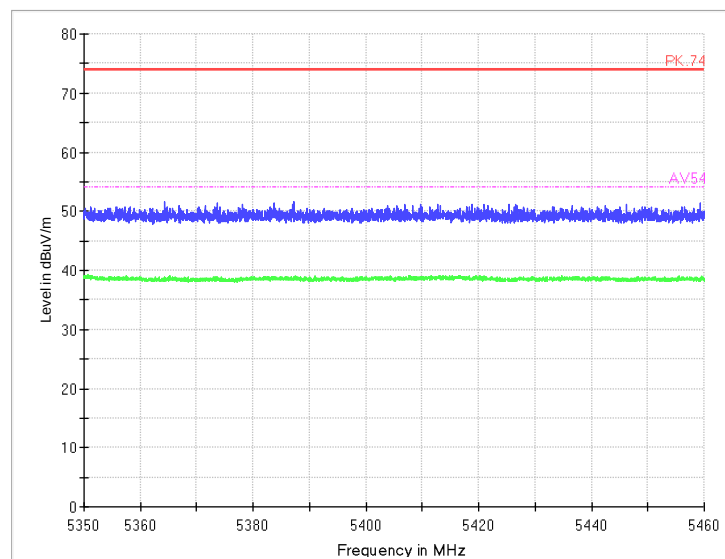


Radiated Emission Band Edge

Channel No.:46

Test Mode: 802.11n

Polarization: V



Radiated Emission Band Edge

Channel No.:46

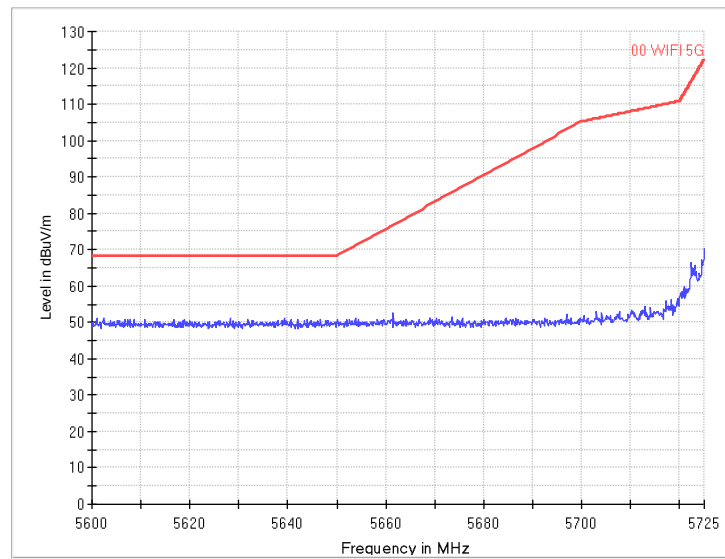
Test Mode: 802.11n

Polarization: H

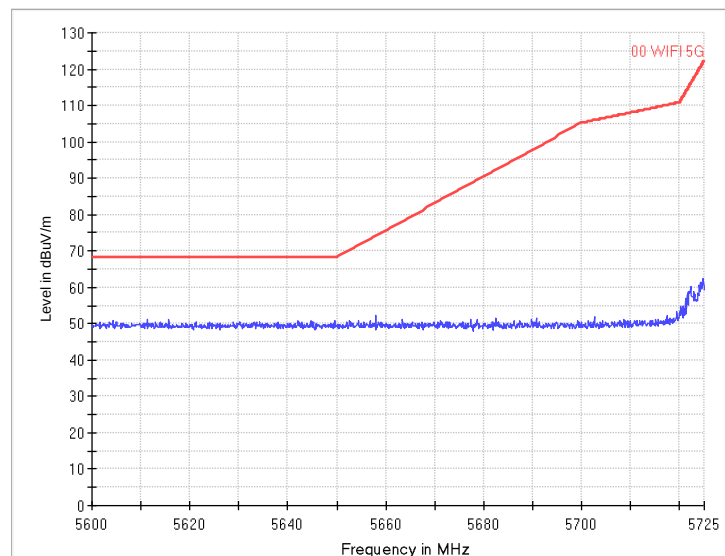


BUREAU
VERITAS

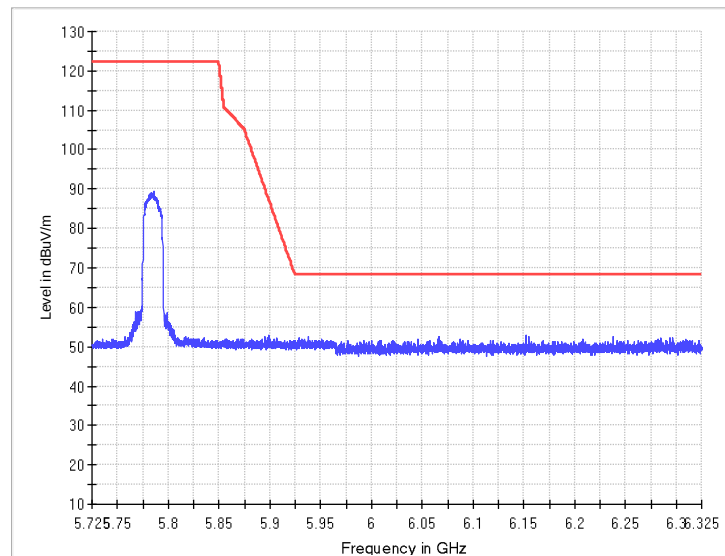
No.: PBJ-NQN2412130113RF04
FCC ID: 2AANY-IR624



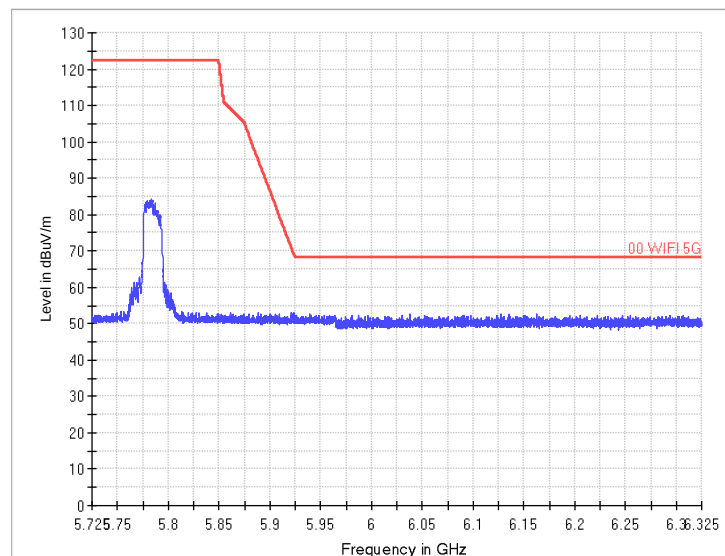
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11n
Polarization: V



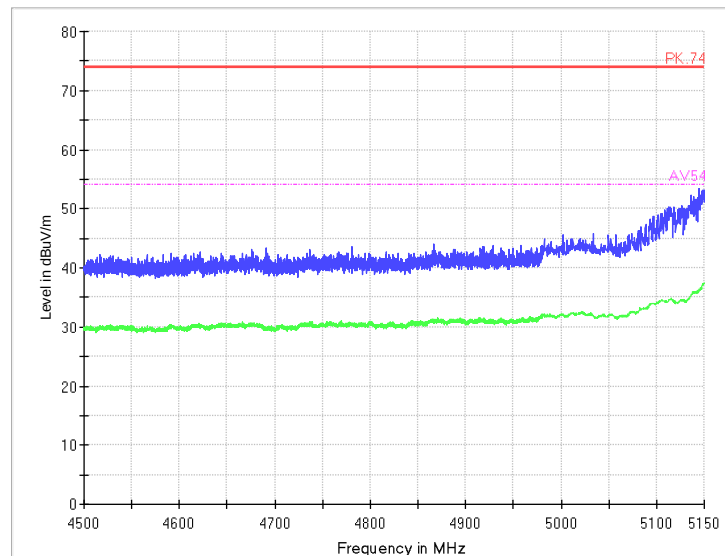
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11n
Polarization: H



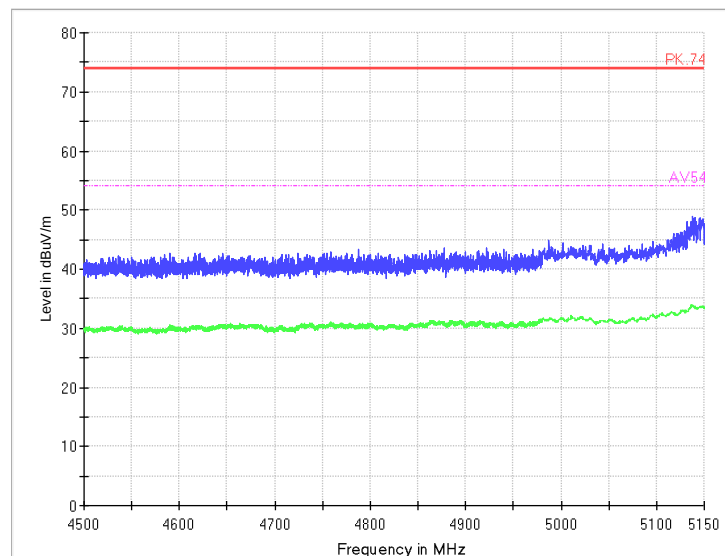
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization: V



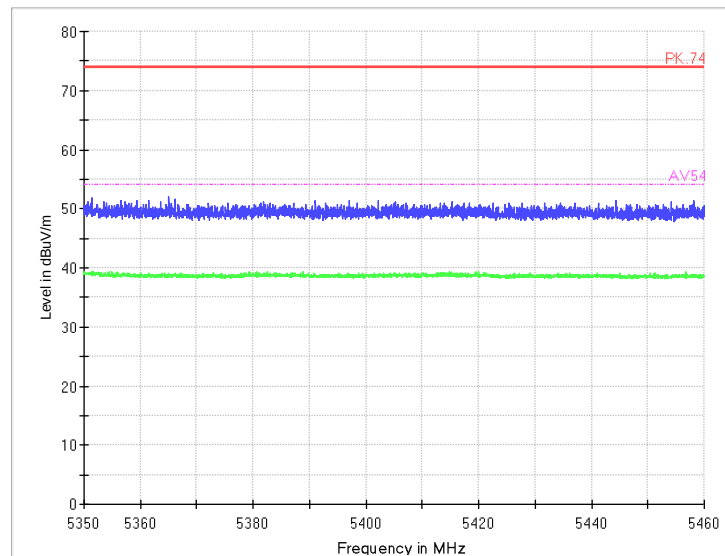
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization: H



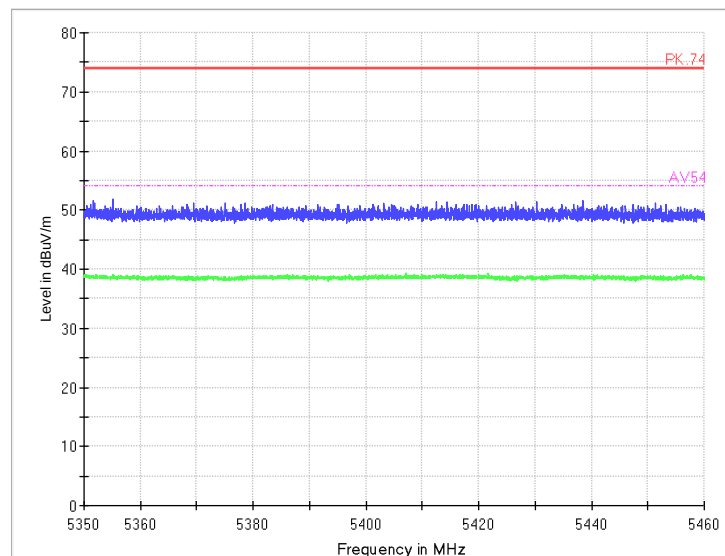
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ac
Polarization: V



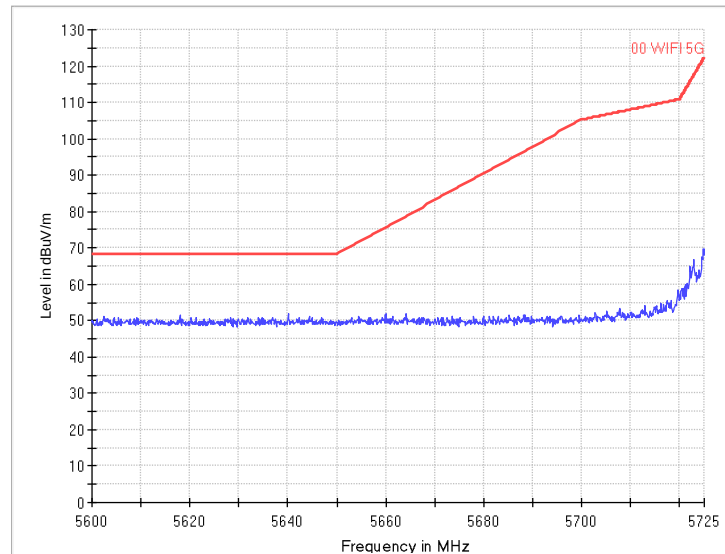
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ac
Polarization: H



Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ac
Polarization: H

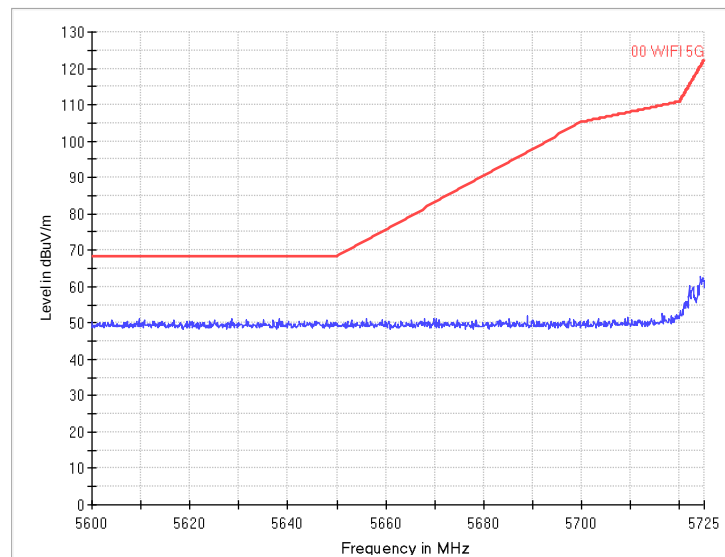


Radiated Emission Band Edge

Channel No.:151

Test Mode: 802.11ac

Polarization: V

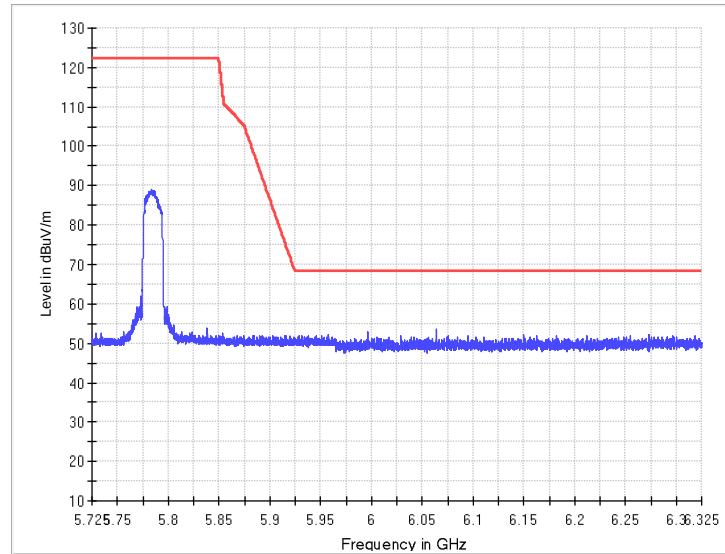


Radiated Emission Band Edge

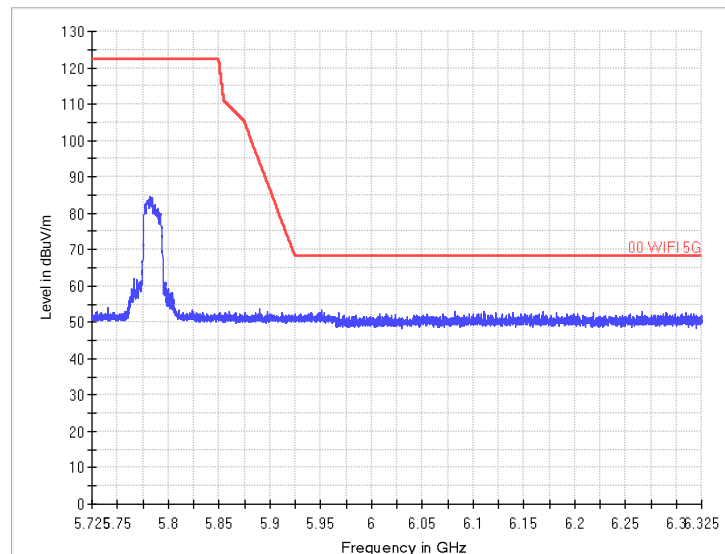
Channel No.:151

Test Mode: 802.11ac

Polarization: H



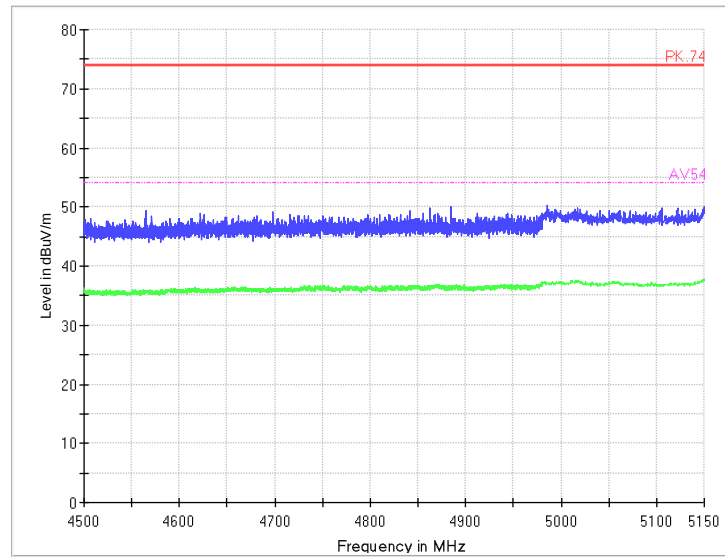
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization: H



80M

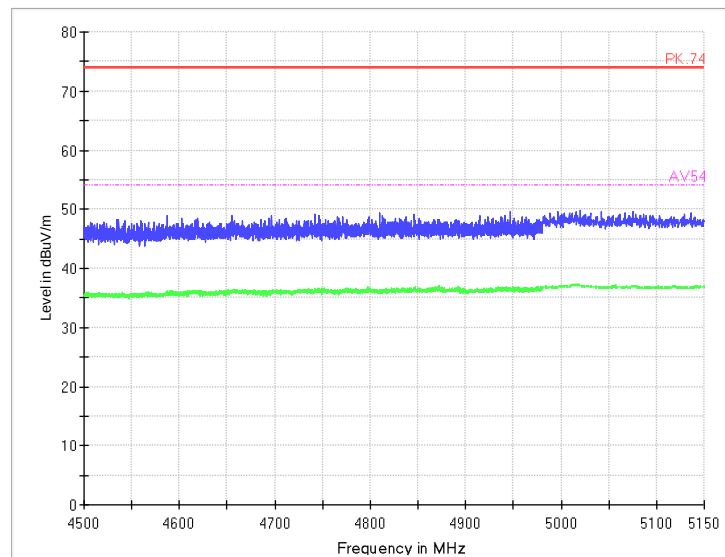


Radiated Emission Band Edge

Channel No.:42

Test Mode: 802.11ac

Polarization: V

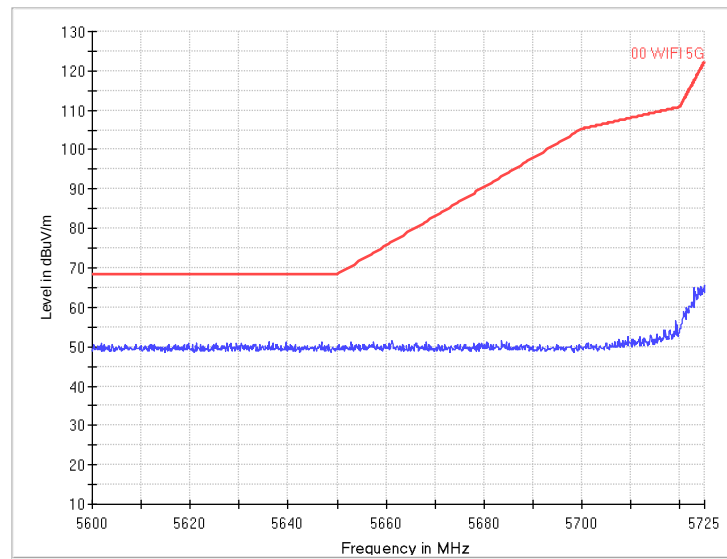


Radiated Emission Band Edge

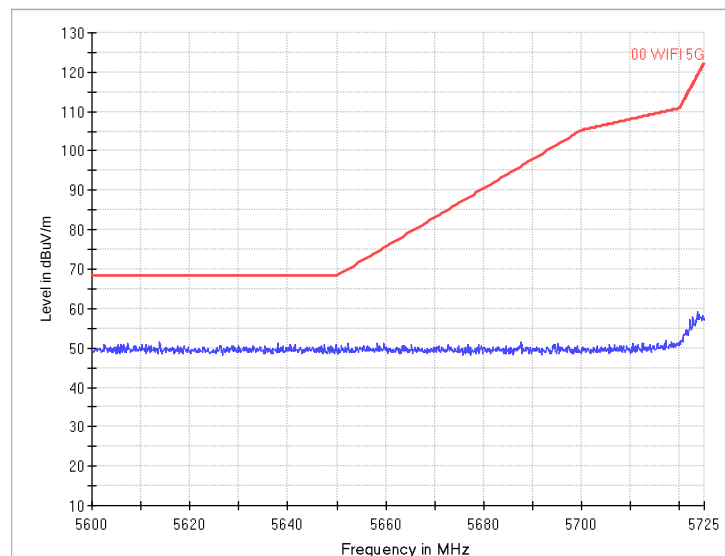
Channel No.:42

Test Mode: 802.11ac

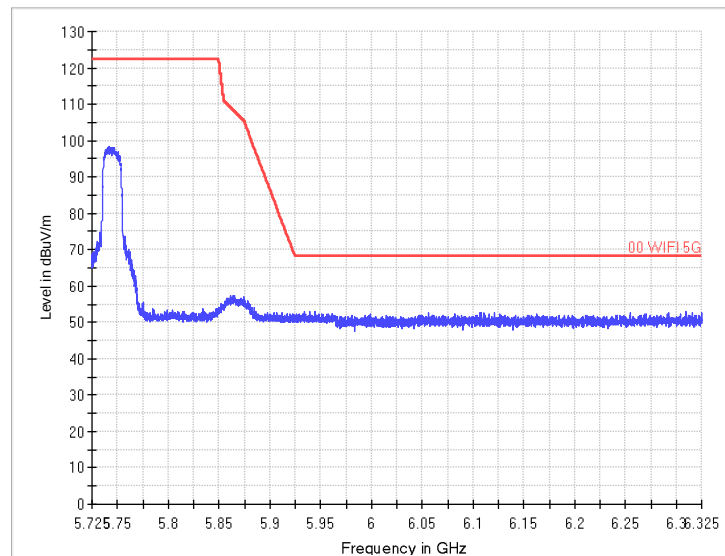
Polarization: H



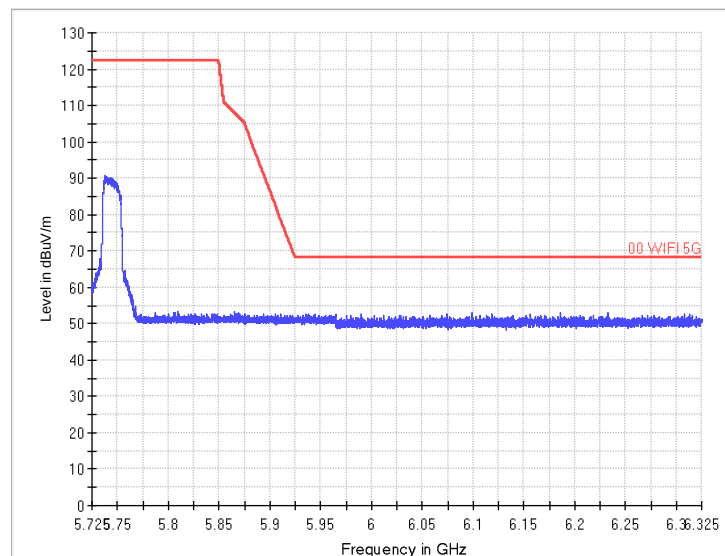
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization: H



Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization: V



Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization: H

**Radiated Emission****Sample Calculations**

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:

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

Sample calculation: $(8.16 \text{ dB}\mu\text{V/m}) = (23.26 \text{ dB}\mu\text{V}) + (-15.1 \text{ dB/m})$, the corresponding frequency is 48.624 MHz.

For 802.11a Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.624	8.16	-15.1	23.26	Vertical	40	31.84
57.8875	9.23	-15.6	24.83	Vertical	40	30.77
157.943	16.96	-19.7	36.66	Vertical	43.5	26.54
181.3685	20.31	-18.3	38.61	Vertical	43.5	23.19
519.1225	16.1	-7.9	24	Vertical	46	29.9
937.629	20.32	-0.3	20.62	Vertical	46	25.68

For 802.11n(HT20) Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.4115	8.46	-15.1	23.56	Vertical	40	31.54
57.354	9.04	-15.6	24.64	Vertical	40	30.96
164.9755	19.2	-19.4	38.6	Vertical	43.5	24.3
255.234	23.77	-14.7	38.47	Vertical	46	22.23
374.9805	21.2	-11.5	32.7	Vertical	46	24.8
923.952	20.27	-0.3	20.57	Vertical	46	25.73

For 802.11ac(VHT20) Channel No.: 36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
49.788	9.25	-15.3	24.55	Vertical	40	30.75
54.929	8.24	-15.4	23.64	Vertical	40	31.76
165.121	18.46	-19.4	37.86	Vertical	43.5	25.04
255.525	23.75	-14.7	38.45	Vertical	46	22.25
374.9805	21.3	-11.5	32.8	Vertical	46	24.7
939.472	20.22	-0.4	20.62	Vertical	46	25.78



For 802.11aChannel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
52.407	9.48	-15.1	24.58	Vertical	40	30.52
58.033	8.96	-15.7	24.66	Vertical	40	31.04
157.846	16.05	-19.7	35.75	Vertical	43.5	27.45
256.98	23.98	-14.6	38.58	Vertical	46	22.02
374.9805	21.27	-11.5	32.77	Vertical	46	24.73
893.397	19.71	-1	20.71	Vertical	46	26.29

For 802.11n(HT20)Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.7765	9.54	-15.2	24.74	Vertical	40	30.46
59.5365	8.23	-16	24.23	Vertical	40	31.77
165.897	15.17	-19.3	34.47	Vertical	43.5	28.33
257.562	23.71	-14.6	38.31	Vertical	46	22.29
374.9805	21.45	-11.5	32.95	Vertical	46	24.55
930.742	20.44	-0.1	20.54	Vertical	46	25.56

For 802.11ac(VHT20)Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.3215	9.43	-15.3	24.73	Vertical	40	30.57
58.033	8.96	-15.7	24.66	Vertical	40	31.04
148.922	13	-19.9	32.9	Vertical	43.5	30.5
253.682	24.25	-14.7	38.95	Vertical	46	21.75
374.9805	21.6	-11.5	33.1	Vertical	46	24.4
919.005	20.35	-0.3	20.65	Vertical	46	25.65

For 802.11aChannel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.3885	9.43	-15.2	24.63	Vertical	40	30.57
56.2385	8.31	-15.5	23.81	Vertical	40	31.69
148.534	18.79	-20	38.79	Vertical	43.5	24.71
253.6335	24.16	-14.7	38.86	Vertical	46	21.84



374.9805	21.44	-11.5	32.94	Vertical	46	24.56
941.5575	20.09	-0.4	20.49	Vertical	46	25.91

For 802.11n(HT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.9935	8.09	-14.9	22.99	Vertical	40	31.91
57.16	8.76	-15.6	24.36	Vertical	40	31.24
148.631	18.64	-20	38.64	Vertical	43.5	24.86
256.98	24.37	-14.6	38.97	Vertical	46	21.63
374.9805	21.51	-11.5	33.01	Vertical	46	24.49
873.7545	19.74	-0.9	20.64	Vertical	46	26.26

For 802.11ac(VHT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.086	8.98	-15	23.98	Vertical	40	31.02
58.7605	8.64	-15.9	24.54	Vertical	40	31.36
154.7905	19.18	-19.9	39.08	Vertical	43.5	24.32
257.562	24.08	-14.6	38.68	Vertical	46	21.92
374.9805	21.43	-11.5	32.93	Vertical	46	24.57
943.837	20.04	-0.5	20.54	Vertical	46	25.96

For 802.11n(HT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
44.744	8.97	-15.6	24.57	Vertical	40	31.03
59.2455	8.38	-16	24.38	Vertical	40	31.62
164.2965	13.99	-19.4	33.39	Vertical	43.5	29.51
259.114	23.16	-14.5	37.66	Vertical	46	22.84
374.9805	21.47	-11.5	32.97	Vertical	46	24.53
937.2895	20.28	-0.3	20.58	Vertical	46	25.72

For 802.11ac(VHT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.4415	9.07	-15.4	24.47	Vertical	40	30.93
58.518	8.83	-15.8	24.63	Vertical	40	31.17
165.315	19.58	-19.3	38.88	Vertical	43.5	23.92



255.525	24.24	-14.7	38.94	Vertical	46	21.76
374.9805	21.51	-11.5	33.01	Vertical	46	24.49
937.4835	20.28	-0.3	20.58	Vertical	46	25.72

For 802.11n(HT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
45.7625	9.25	-15.5	24.75	Vertical	40	30.75
66.2295	6.84	-17.6	24.44	Vertical	40	33.16
165.315	19.69	-19.3	38.99	Vertical	43.5	23.81
256.8345	24.04	-14.6	38.64	Vertical	46	21.96
374.9805	21.85	-11.5	33.35	Vertical	46	24.15
897.5195	34.57	-1.1	35.67	Vertical	46	11.43

For 802.11ac(VHT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
52.989	9.14	-15	24.14	Vertical	40	30.86
57.063	8.81	-15.6	24.41	Vertical	40	31.19
158.5735	17.15	-19.7	36.85	Vertical	43.5	26.35
254.846	23.57	-14.7	38.27	Vertical	46	22.43
374.9805	21.35	-11.5	32.85	Vertical	46	24.65
931.4695	20.54	-0.1	20.64	Vertical	46	25.46

For 802.11ac(VHT80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.7765	9.59	-15.2	24.79	Vertical	40	30.41
57.0145	8.85	-15.5	24.35	Vertical	40	31.15
164.539	19.51	-19.4	38.91	Vertical	43.5	23.99
258.435	23.44	-14.5	37.94	Vertical	46	22.56
374.9805	21.39	-11.5	32.89	Vertical	46	24.61
937.7745	20.29	-0.3	20.59	Vertical	46	25.71

For 802.11aChannel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.3285	8.73	-15.1	23.83	Vertical	40	31.27
60.943	7.48	-16.2	23.68	Vertical	40	32.52



163.666	14.5	-19.4	33.9	Vertical	43.5	29
257.8045	23.58	-14.6	38.18	Vertical	46	22.42
374.9805	21.39	-11.5	32.89	Vertical	46	24.61
919.5385	20.44	-0.3	20.74	Vertical	46	25.56

For 802.11n(HT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.1505	9.2	-15.5	24.7	Vertical	40	30.8
58.518	8.79	-15.8	24.59	Vertical	40	31.21
163.375	15.16	-19.4	34.56	Vertical	43.5	28.34
255.913	24.03	-14.7	38.73	Vertical	46	21.97
525.961	16.64	-7.8	24.44	Vertical	46	29.36
897.5195	19.78	-1.1	20.88	Vertical	46	26.22

For 802.11ac(VHT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.661	9.37	-15.3	24.67	Vertical	40	30.63
55.8505	8.35	-15.5	23.85	Vertical	40	31.65
166.479	18.03	-19.2	37.23	Vertical	43.5	25.47
182.29	19.94	-18.1	38.04	Vertical	43.5	23.56
374.9805	21.15	-11.5	32.65	Vertical	46	24.85
914.349	20.18	-0.6	20.78	Vertical	46	25.82

For 802.11aChannel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.3885	9.54	-15.2	24.74	Vertical	40	30.46
58.712	8.7	-15.9	24.6	Vertical	40	31.3
155.4695	18.73	-19.9	38.63	Vertical	43.5	24.77
253.488	23.14	-14.7	37.84	Vertical	46	22.86
374.9805	21	-11.5	32.5	Vertical	46	25
909.208	19.94	-0.8	20.74	Vertical	46	26.06

For 802.11n(HT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.6125	9.62	-15.3	24.92	Vertical	40	30.38



60.1185	8	-16.1	24.1	Vertical	40	32
154.0145	16.22	-20	36.22	Vertical	43.5	27.28
254.943	23.62	-14.7	38.32	Vertical	46	22.38
374.9805	20.96	-11.5	32.46	Vertical	46	25.04
907.074	19.74	-0.9	20.64	Vertical	46	26.26

For 802.11ac(VHT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
52.2615	9.59	-15.1	24.69	Vertical	40	30.41
58.615	8.89	-15.8	24.69	Vertical	40	31.11
155.0815	18.51	-19.9	38.41	Vertical	43.5	24.99
183.26	18.58	-17.9	36.48	Vertical	43.5	24.92
520.141	16.1	-7.8	23.9	Vertical	46	29.9
868.4195	19.42	-1	20.42	Vertical	46	26.58

For 802.11aChannel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.34	9.5	-15.2	24.7	Vertical	40	30.5
57.839	9.09	-15.6	24.69	Vertical	40	30.91
164.927	14.02	-19.4	33.42	Vertical	43.5	29.48
181.126	20.32	-18.4	38.72	Vertical	43.5	23.18
374.9805	20.93	-11.5	32.43	Vertical	46	25.07
894.464	19.8	-1	20.8	Vertical	46	26.2

For 802.11n(HT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
49.4	8.94	-15.2	24.14	Vertical	40	31.06
56.578	8.78	-15.5	24.28	Vertical	40	31.22
163.6175	17.42	-19.4	36.82	Vertical	43.5	26.08
182.193	20.82	-18.1	38.92	Vertical	43.5	22.68
481.341	15.8	-8.8	24.6	Vertical	46	30.2
893.7365	19.73	-1	20.73	Vertical	46	26.27

For 802.11ac(VHT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
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53.0375	9.09	-15	24.09	Vertical	40	30.91
56.093	8.67	-15.5	24.17	Vertical	40	31.33
165.6545	19.96	-19.3	39.26	Vertical	43.5	23.54
181.8535	20.26	-18.2	38.46	Vertical	43.5	23.24
374.9805	20.85	-11.5	32.35	Vertical	46	25.15
933.07	20.46	-0.2	20.66	Vertical	46	25.54

For 802.11n(HT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.049	9.47	-15.3	24.77	Vertical	40	30.53
57.4025	9.24	-15.6	24.84	Vertical	40	30.76
149.2615	13.97	-20	33.97	Vertical	43.5	29.53
255.1855	23.64	-14.7	38.34	Vertical	46	22.36
520.2865	17.33	-7.8	25.13	Vertical	46	28.67
897.665	19.79	-1.1	20.89	Vertical	46	26.21

For 802.11ac(VHT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
52.795	9.27	-15	24.27	Vertical	40	30.73
59.1485	8.58	-16	24.58	Vertical	40	31.42
162.7445	18.4	-19.4	37.8	Vertical	43.5	25.1
255.428	23.52	-14.7	38.22	Vertical	46	22.48
374.9805	20.77	-11.5	32.27	Vertical	46	25.24
897.3255	19.85	-1.1	20.95	Vertical	46	26.15

For 802.11n(HT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.393	9.13	-15.4	24.53	Vertical	40	30.87
58.13	9.27	-15.7	24.97	Vertical	40	30.73
164.8785	20.28	-19.4	39.68	Vertical	43.5	23.22
182.1445	18.2	-18.1	36.3	Vertical	43.5	25.3
480.565	15.75	-8.8	24.55	Vertical	46	30.25
894.949	25.11	-1	26.11	Vertical	46	20.89

For 802.11ac(VHT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl	Pmea	Polarity	Limit	Margin
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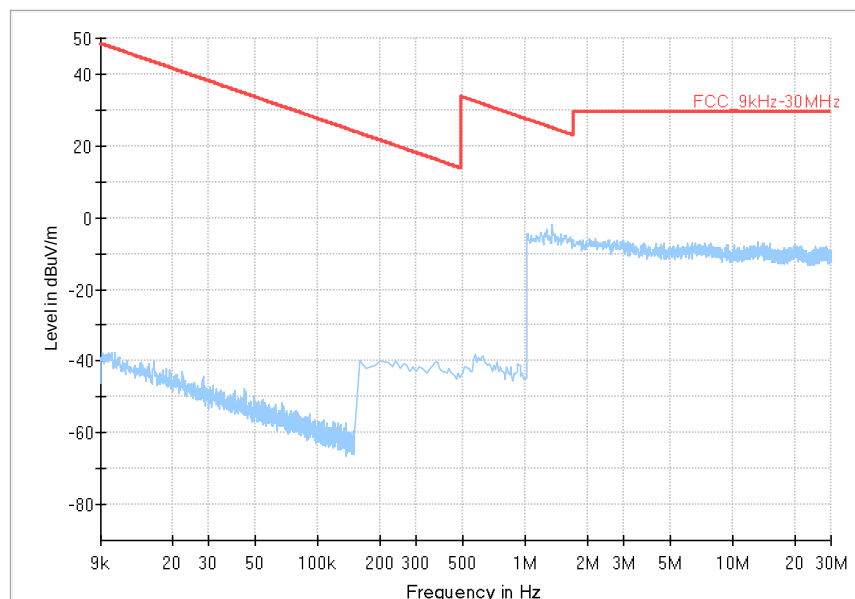


		(dB)	(dBuV/m)		(dBuV/m)	(dB)
44.5015	8.97	-15.6	24.57	Vertical	40	31.03
55.2685	8.52	-15.4	23.92	Vertical	40	31.48
169.777	16.54	-19.1	35.64	Vertical	43.5	26.96
256.8345	23.75	-14.6	38.35	Vertical	46	22.25
485.9	16.89	-8.6	25.49	Vertical	46	29.11
894.658	19.79	-1	20.79	Vertical	46	26.21

For 802.11ac(VHT80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.37	9.47	-15.3	24.77	Vertical	40	30.53
56.4325	8.73	-15.5	24.23	Vertical	40	31.27
158.137	16.76	-19.7	36.46	Vertical	43.5	26.74
181.126	20.91	-18.4	39.31	Vertical	43.5	22.59
374.9805	21.71	-11.5	33.21	Vertical	46	24.29
943.74	19.99	-0.5	20.49	Vertical	46	26.01

Full Spectrum

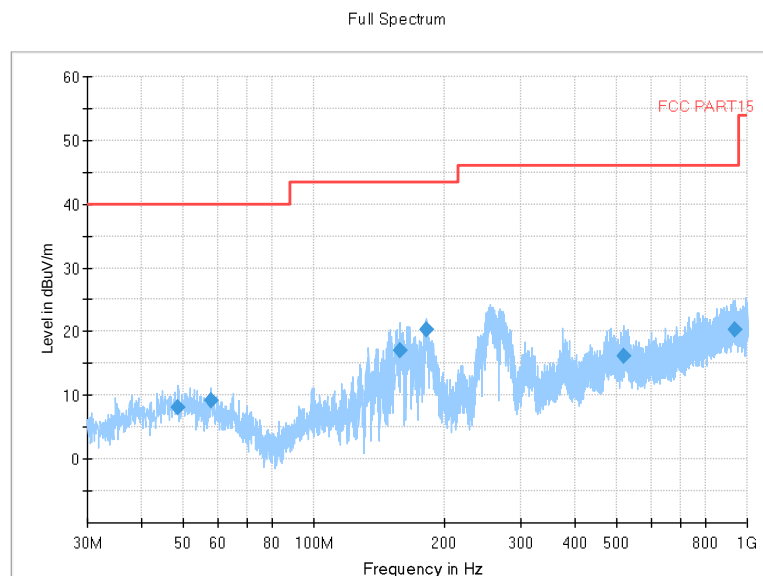


Frequency Range: 9kHz -30MHz

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.

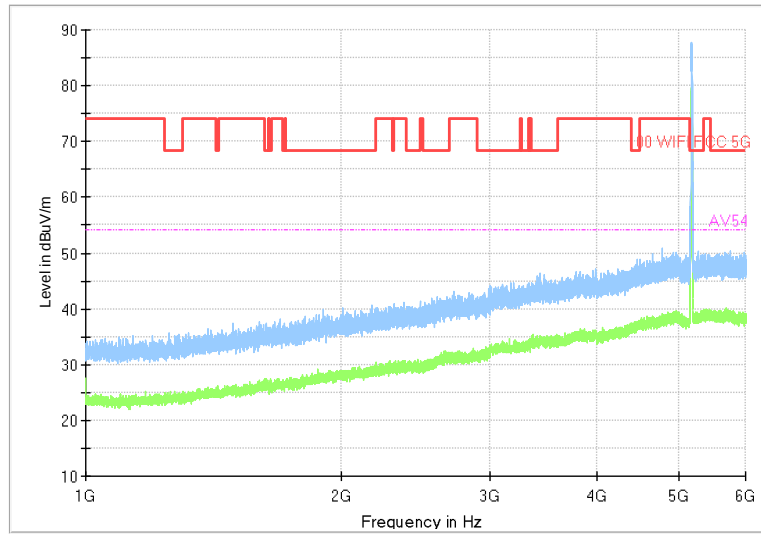
Carrier frequency (MHz): 5180
Channel No.:36



Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a

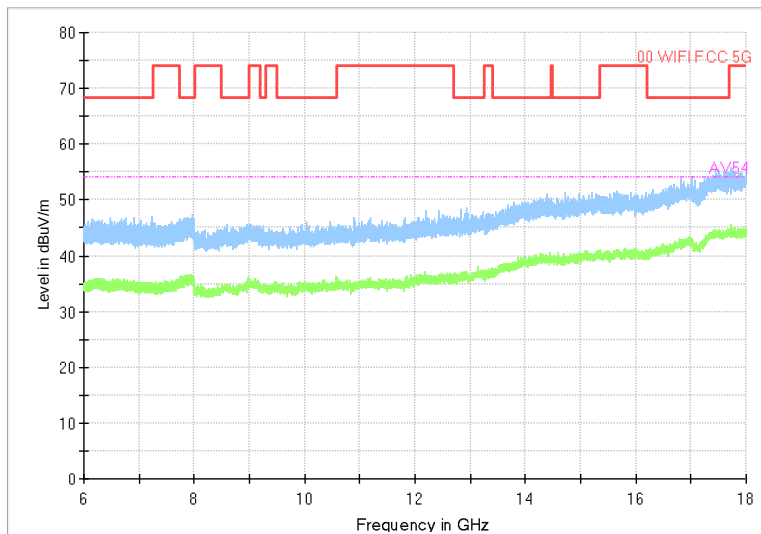


Full Spectrum



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

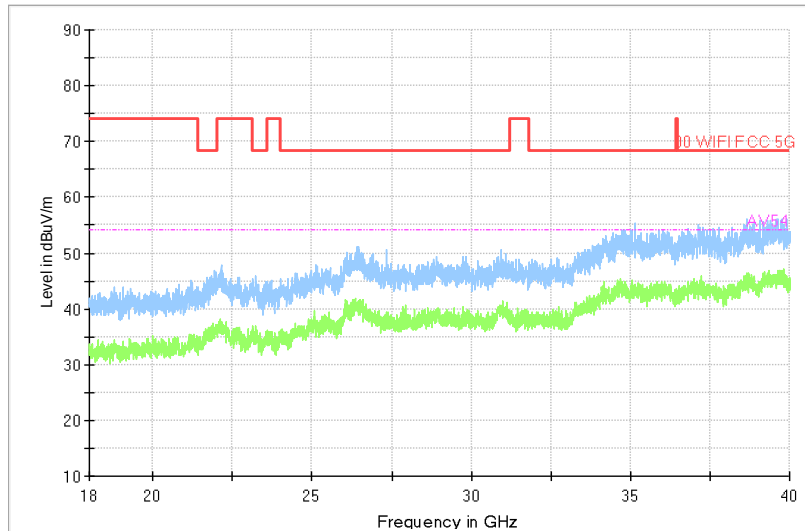
Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

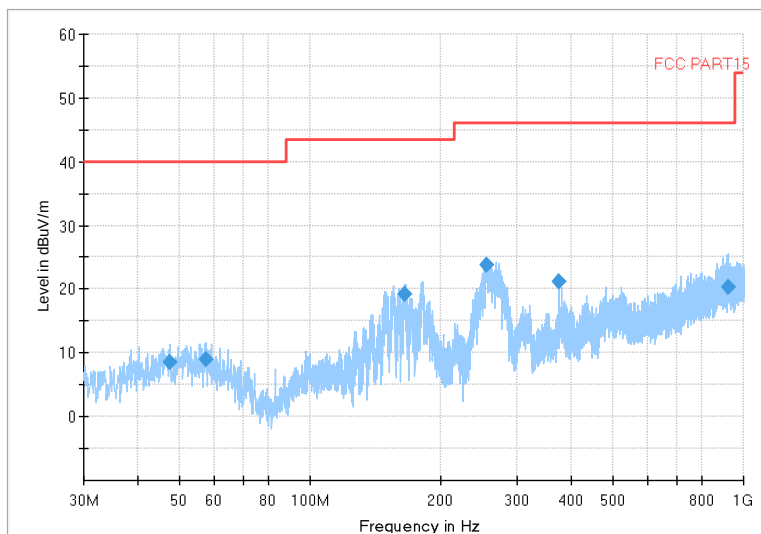


Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

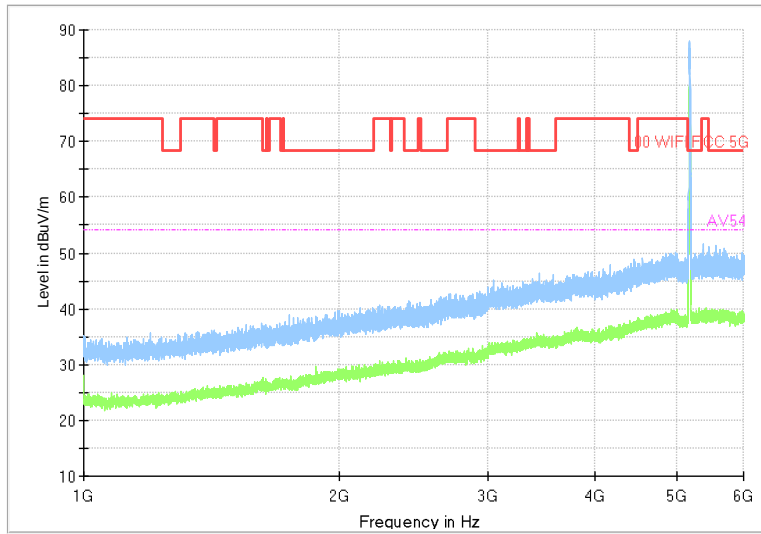
Full Spectrum



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

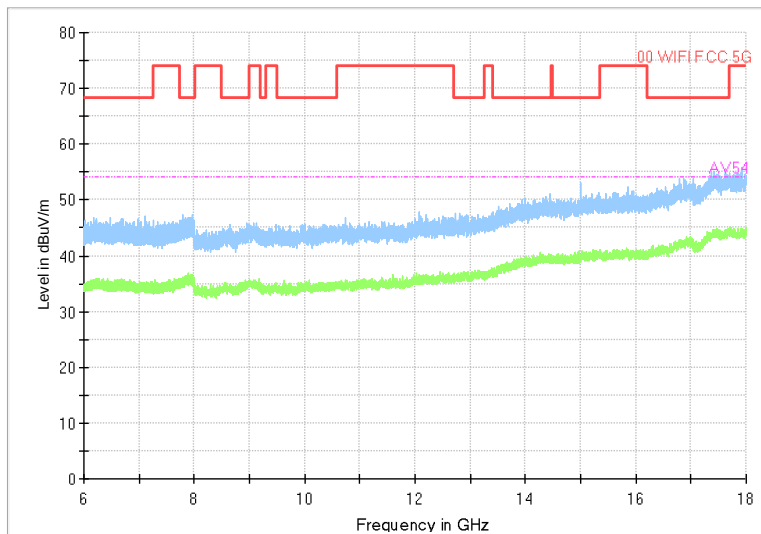


Full Spectrum



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

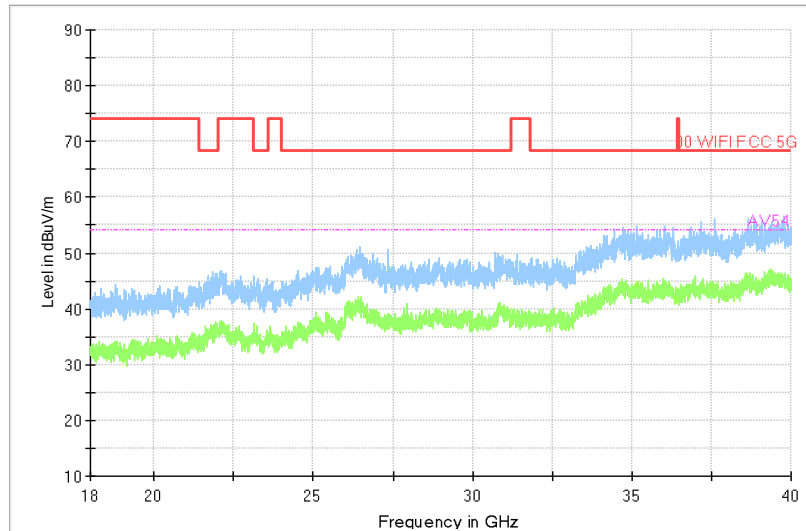
Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

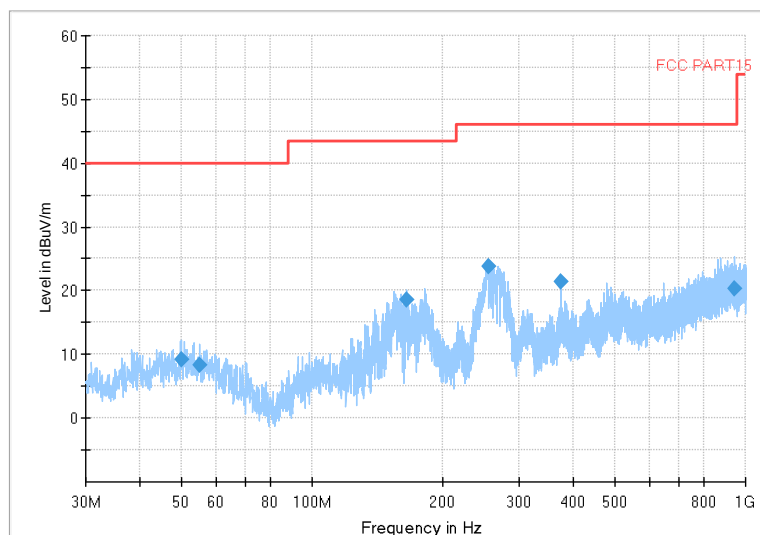


Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

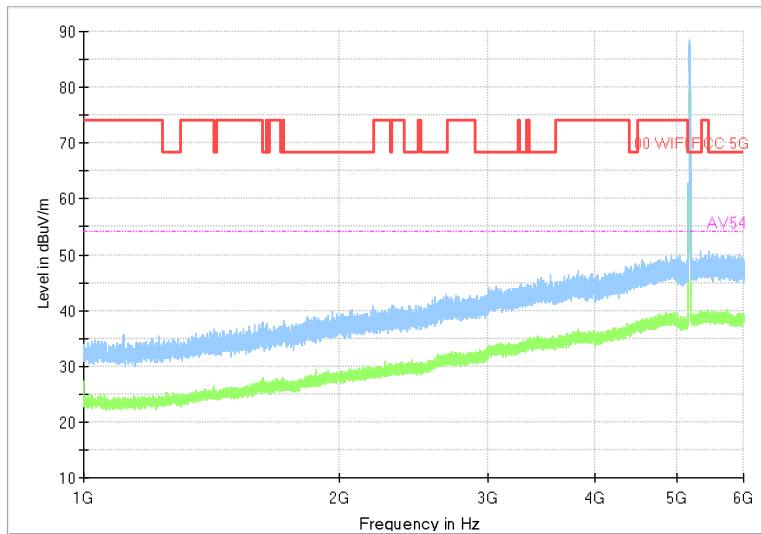
Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT20)

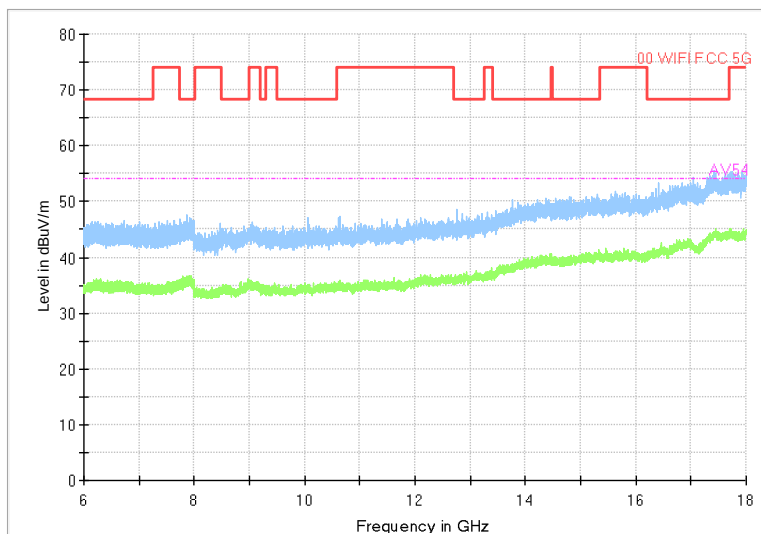


Full Spectrum



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

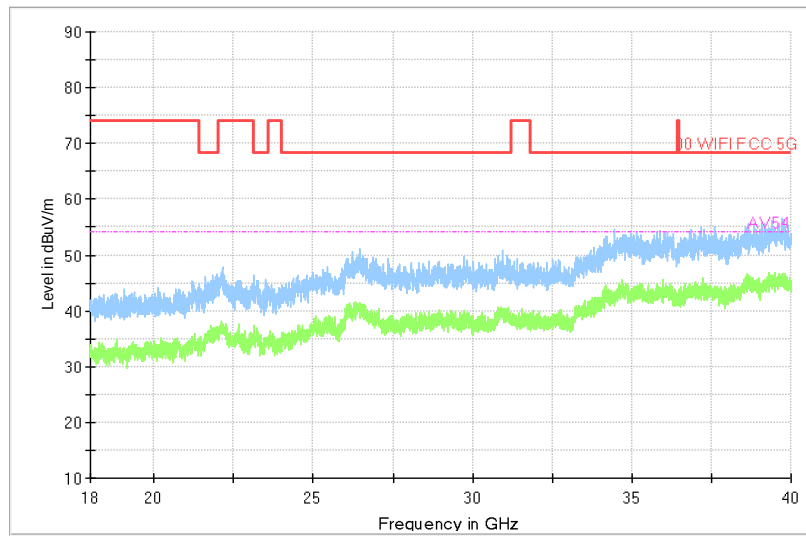
Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



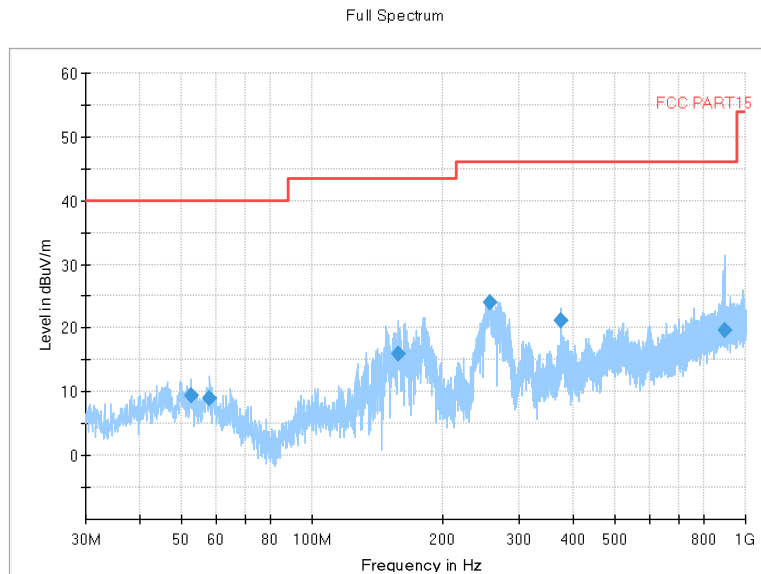
Full Spectrum



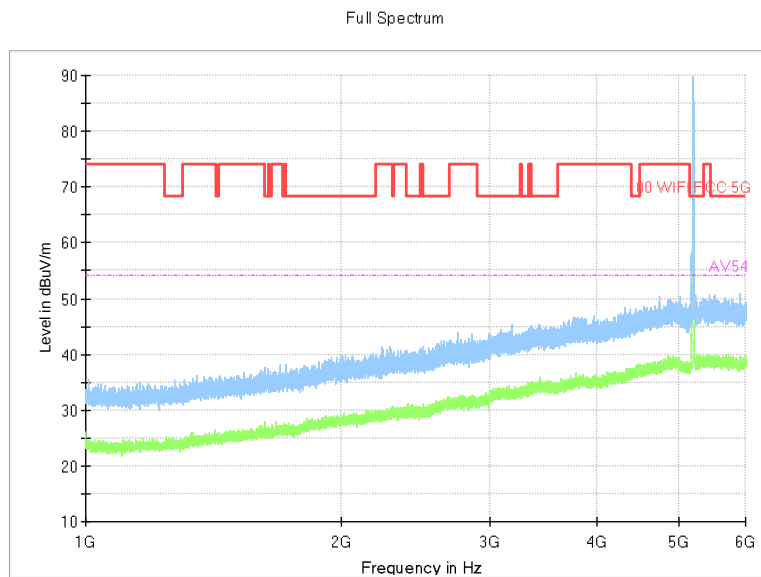
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5200
Channel No.40



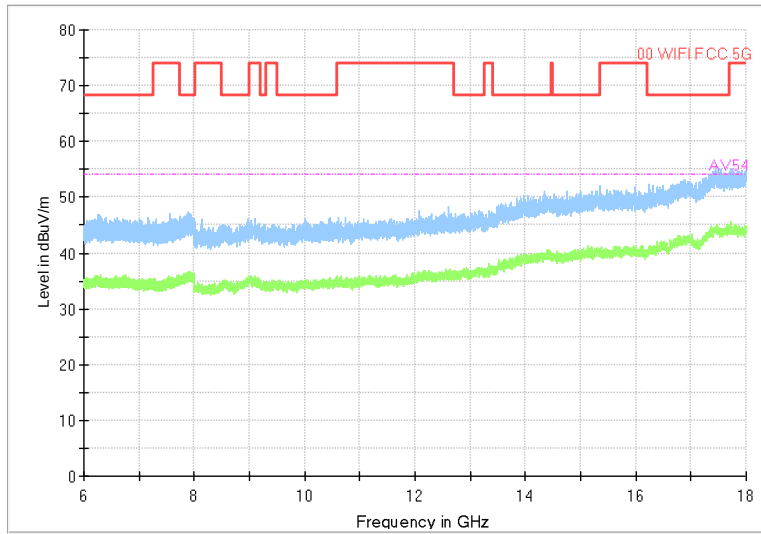
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

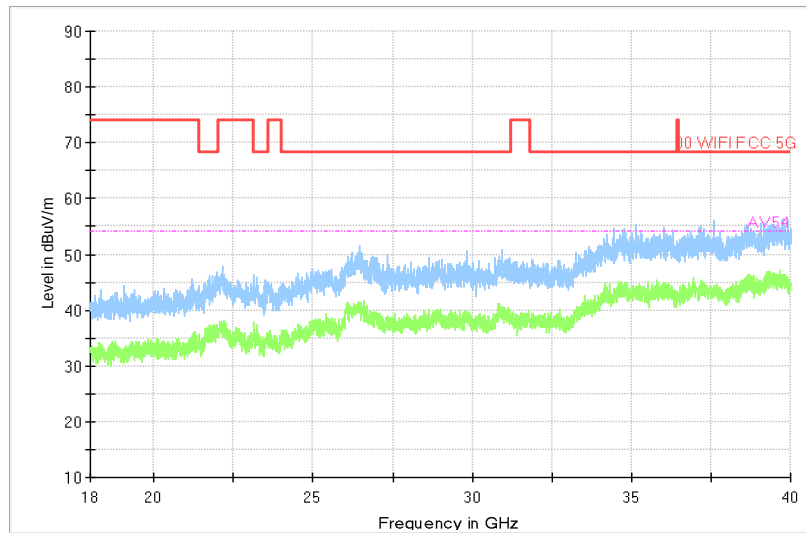


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

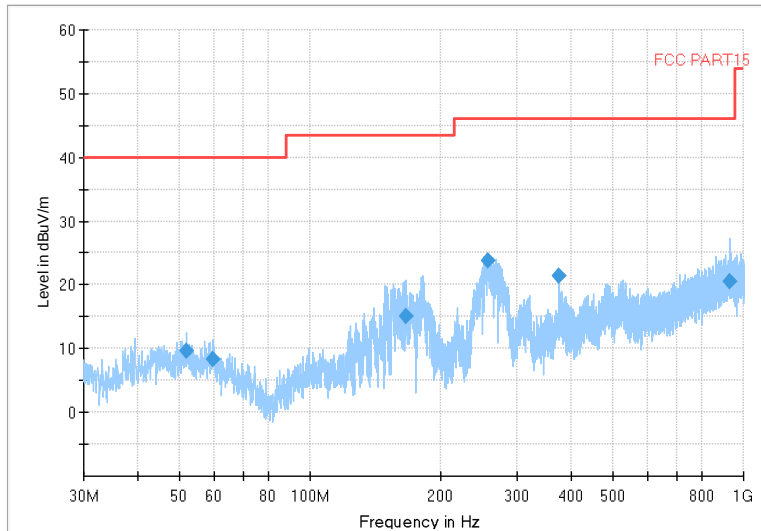
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

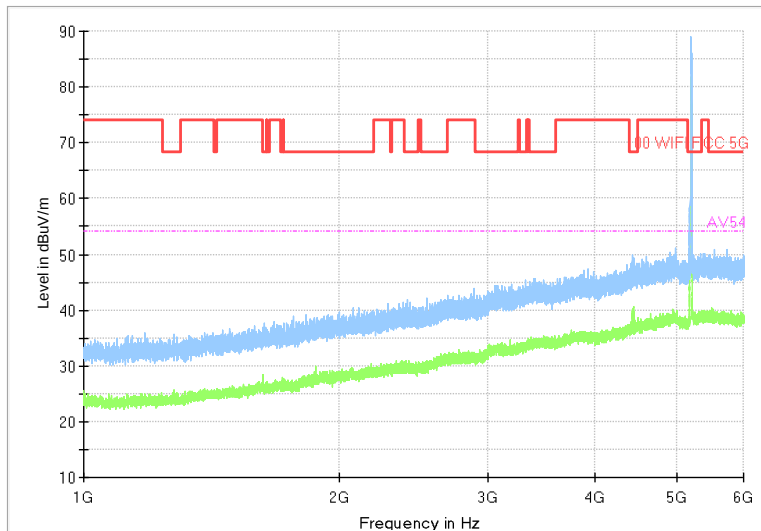


Full Spectrum



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

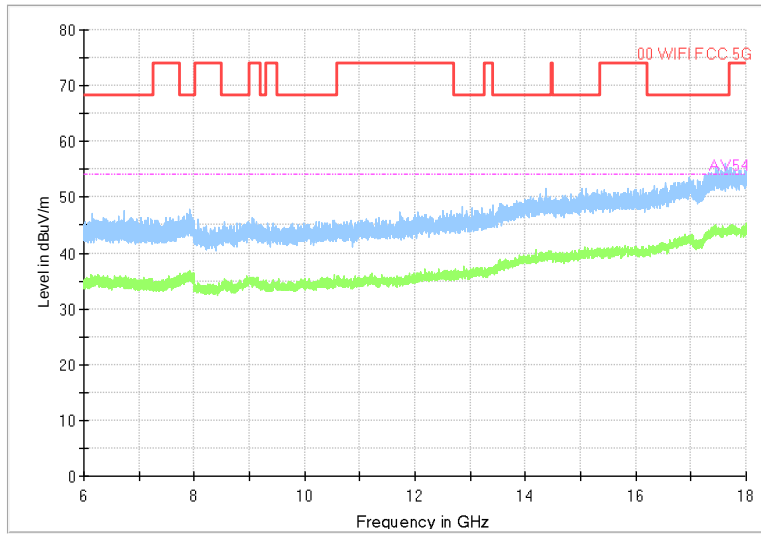
Full Spectrum



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

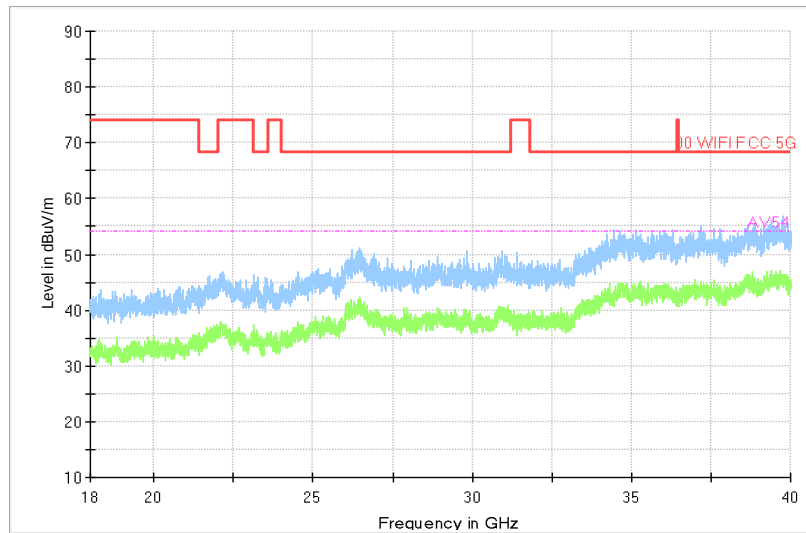


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

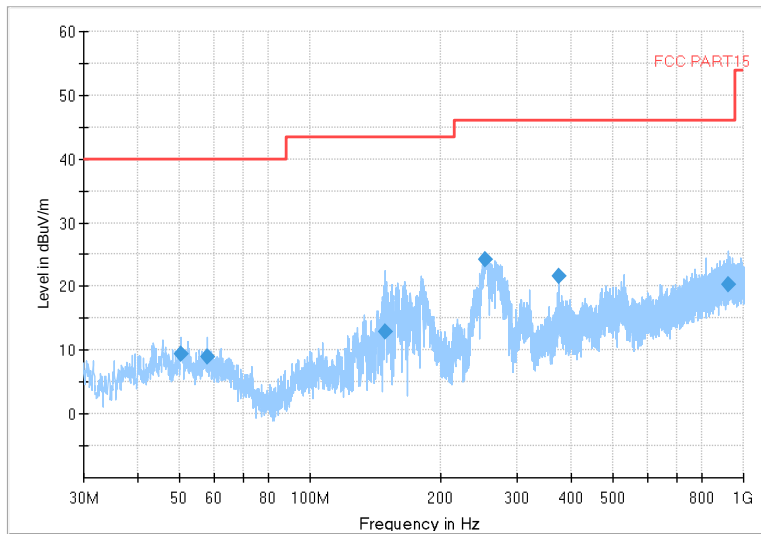
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Full Spectrum

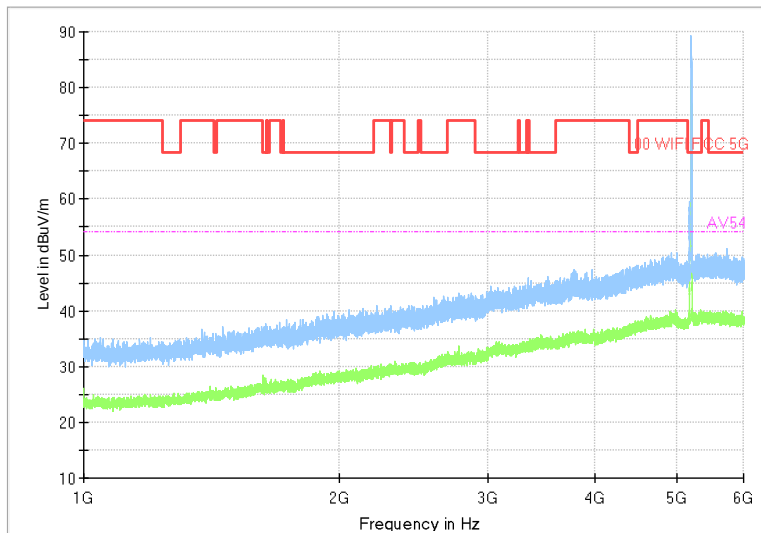


Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11ac(VHT20)

Full Spectrum



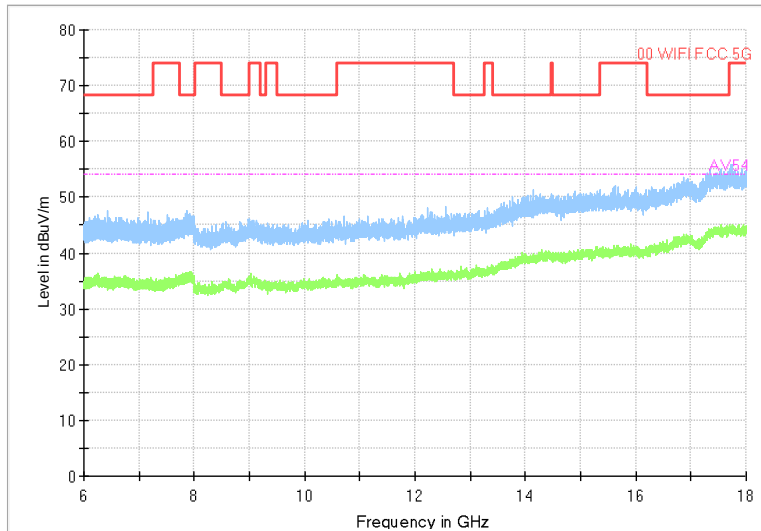
Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

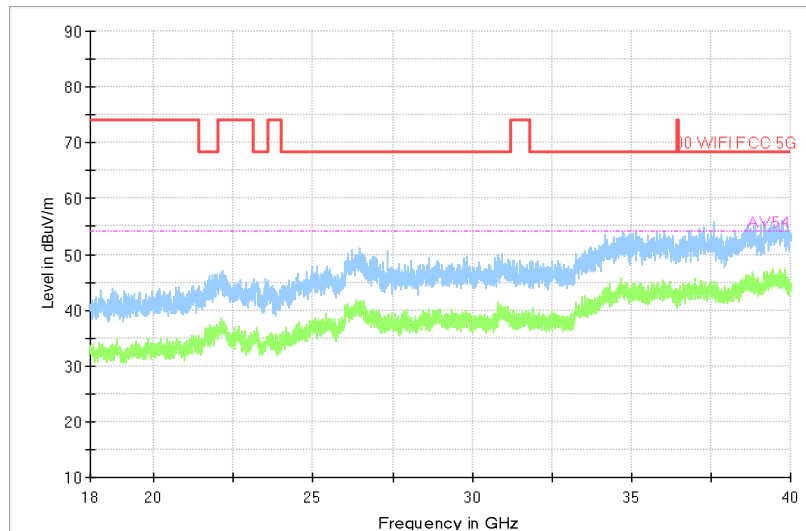


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

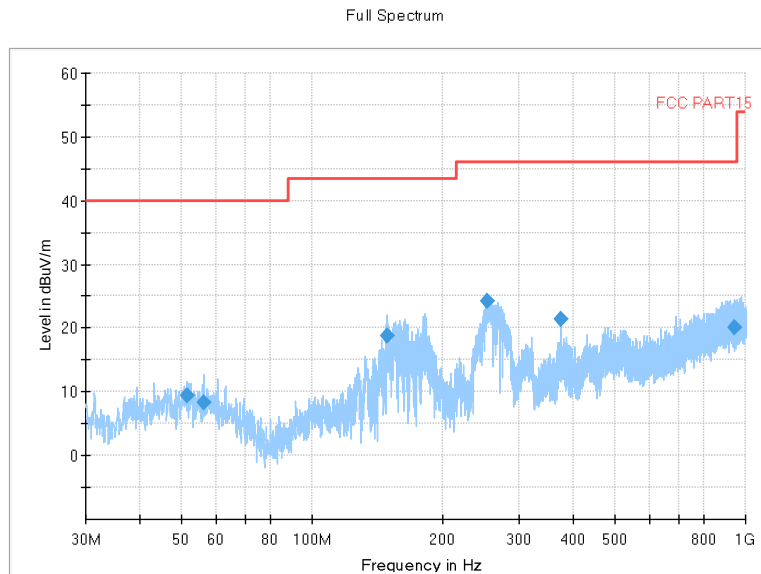
Full Spectrum



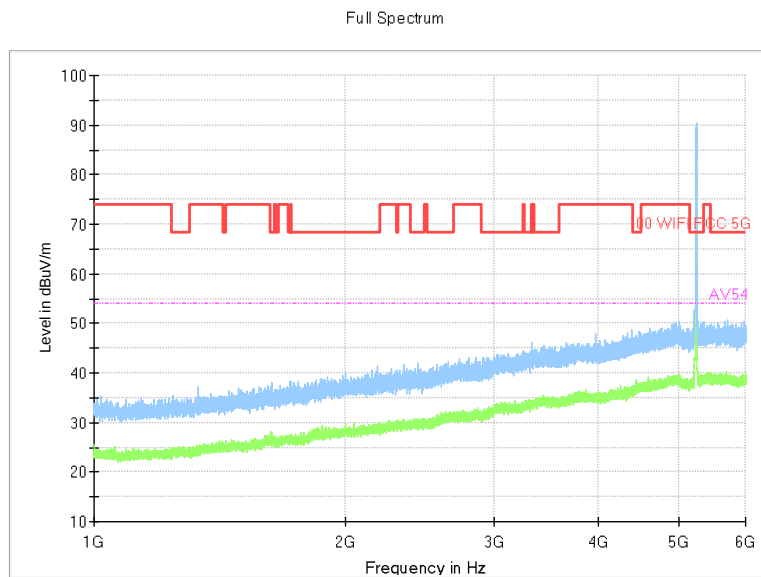
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5240
Channel No.:48



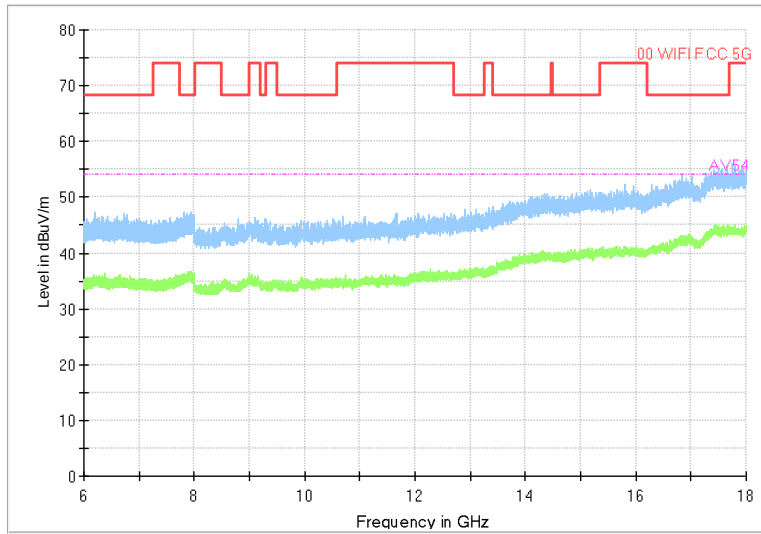
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

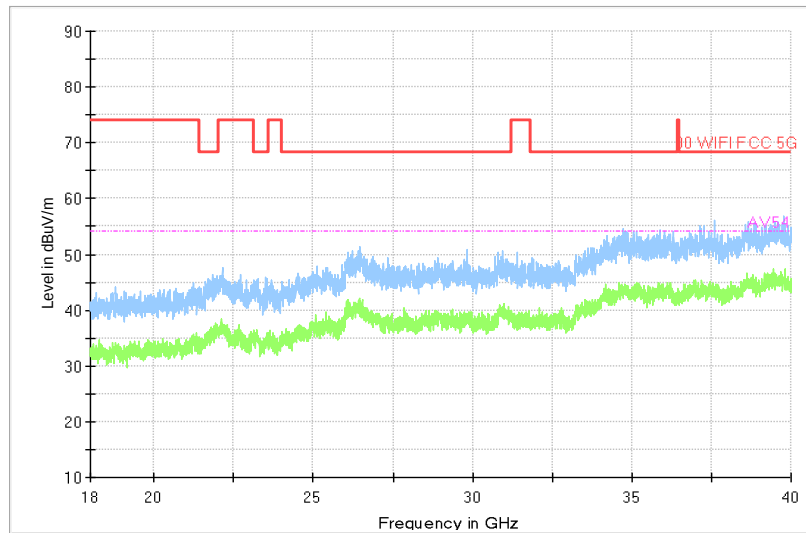


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

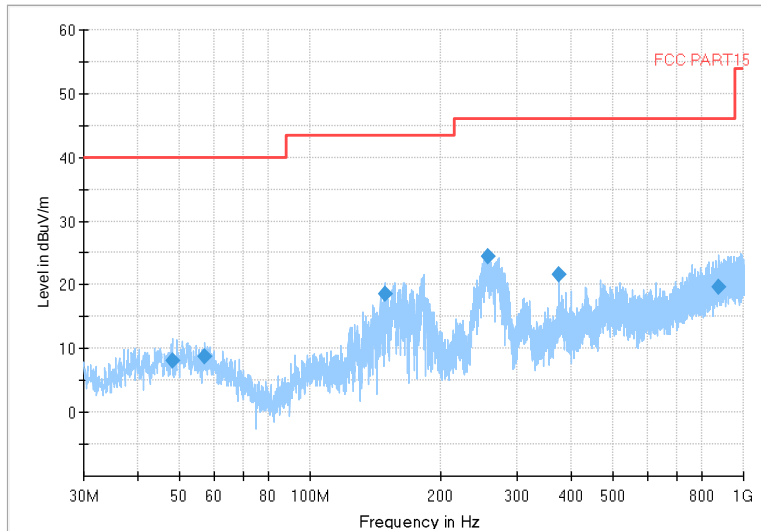
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

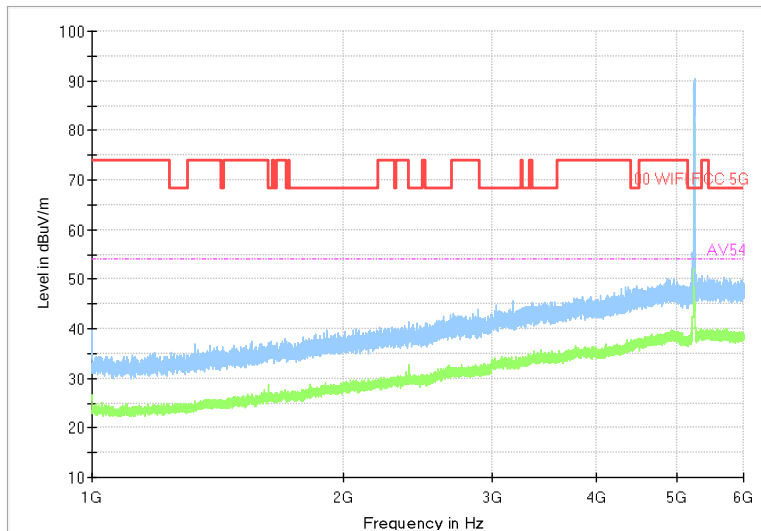


Full Spectrum



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

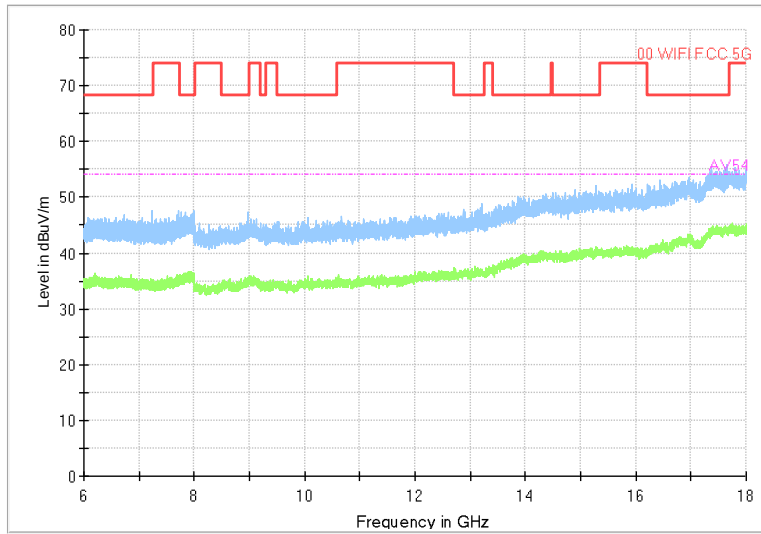
Full Spectrum



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

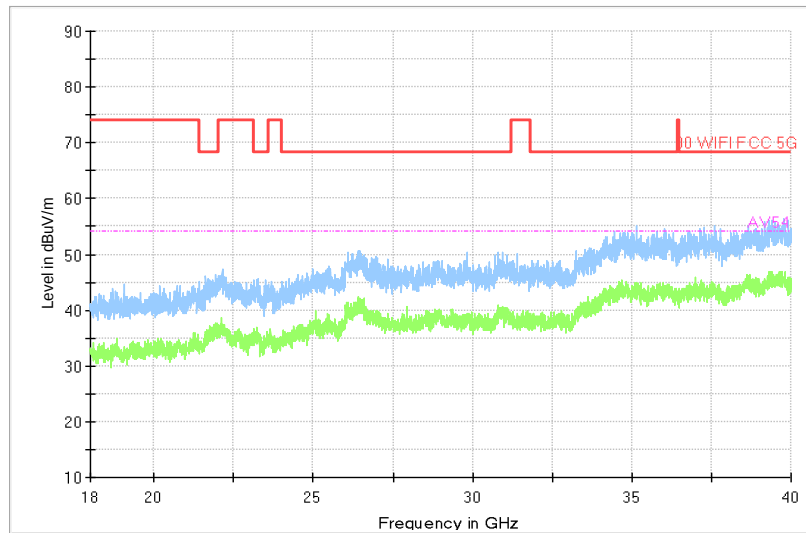


Full Spectrum

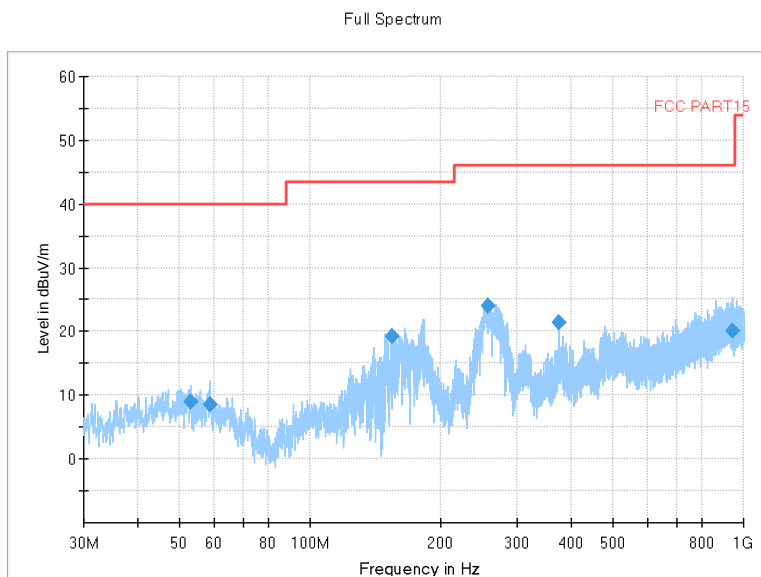


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

Full Spectrum



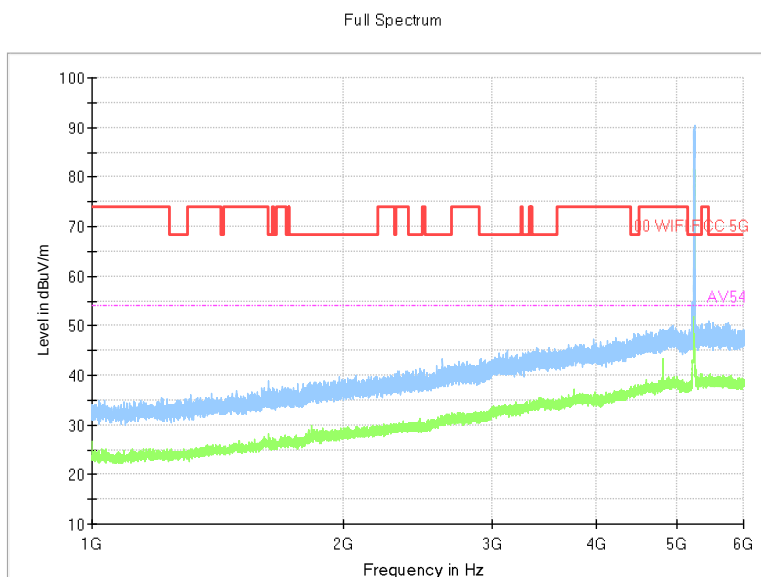
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11ac(VHT20)



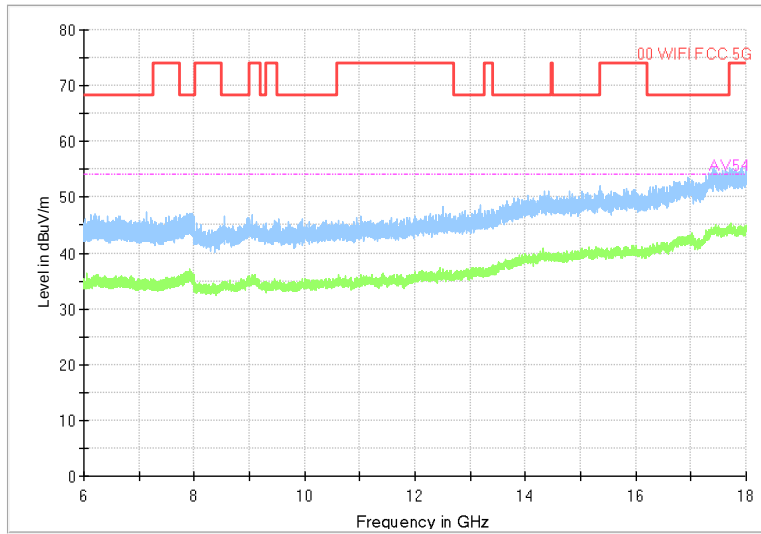
Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

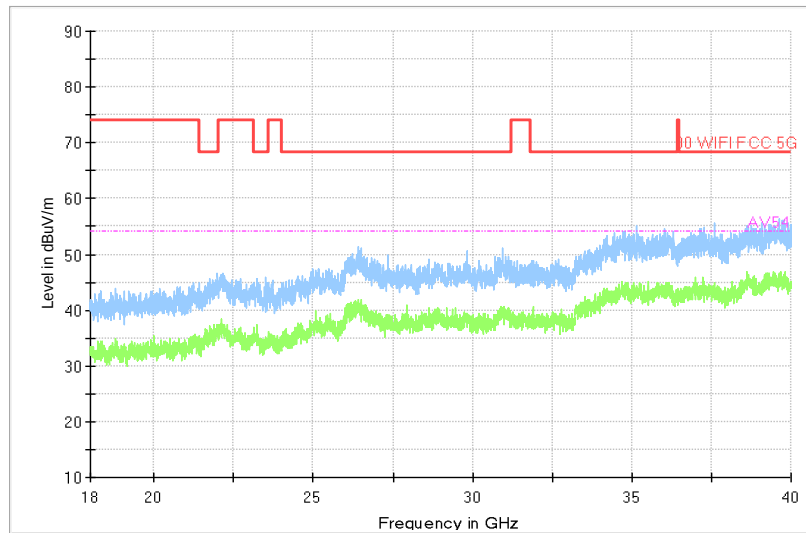


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

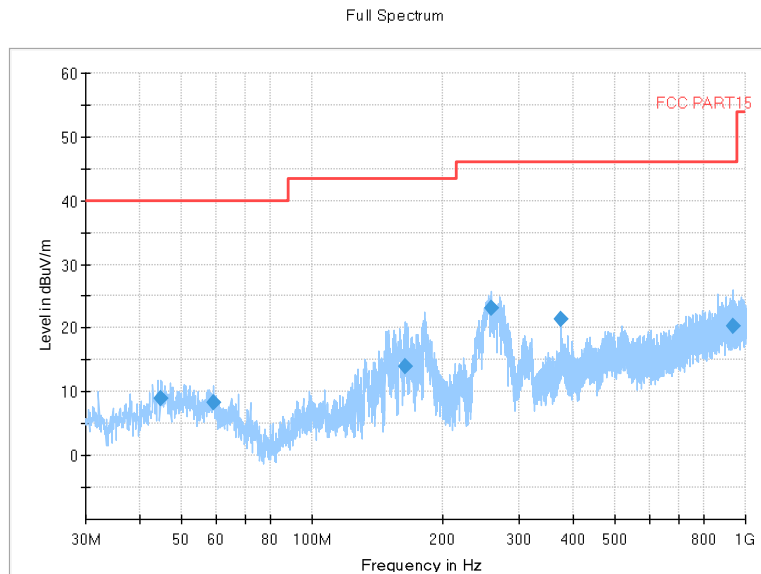
Full Spectrum



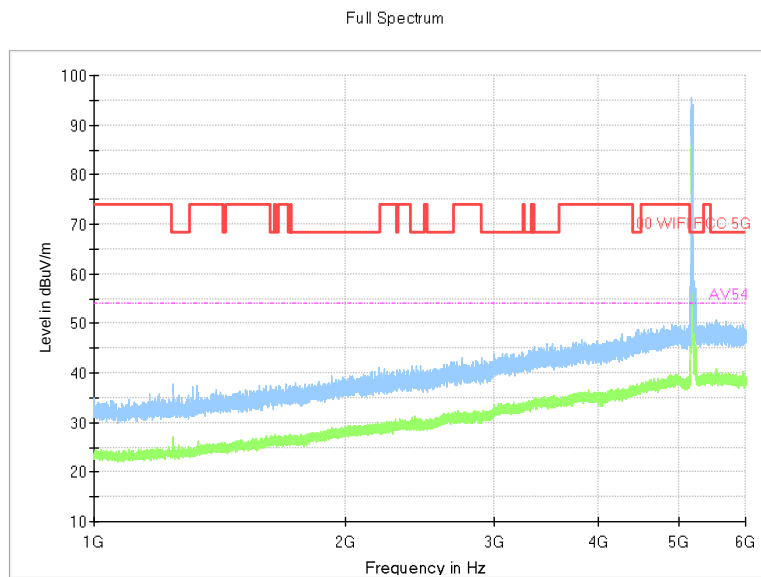
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5190
Channel No.:38



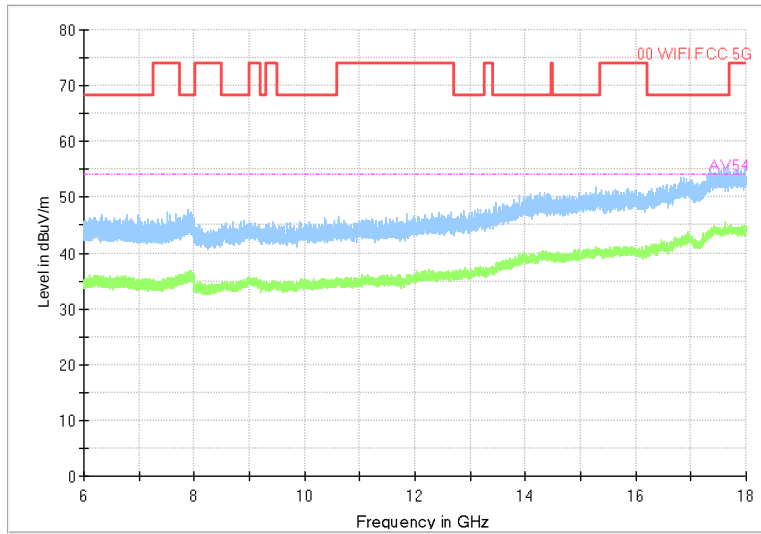
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

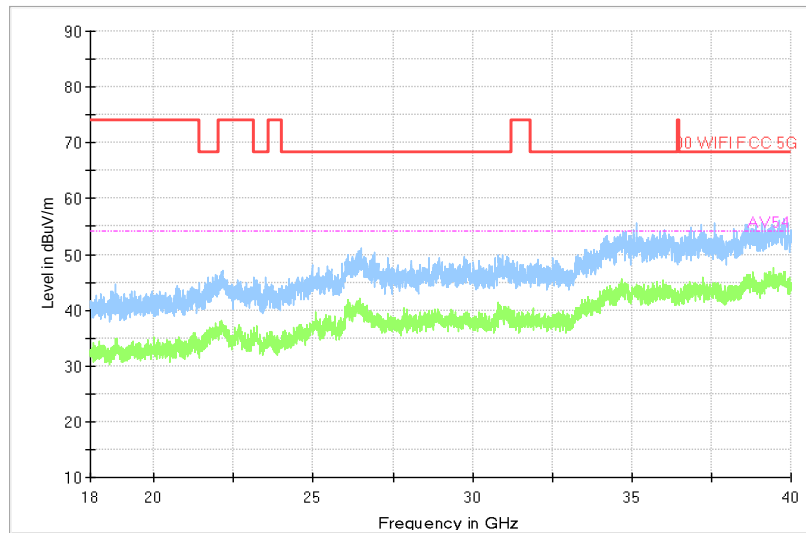


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

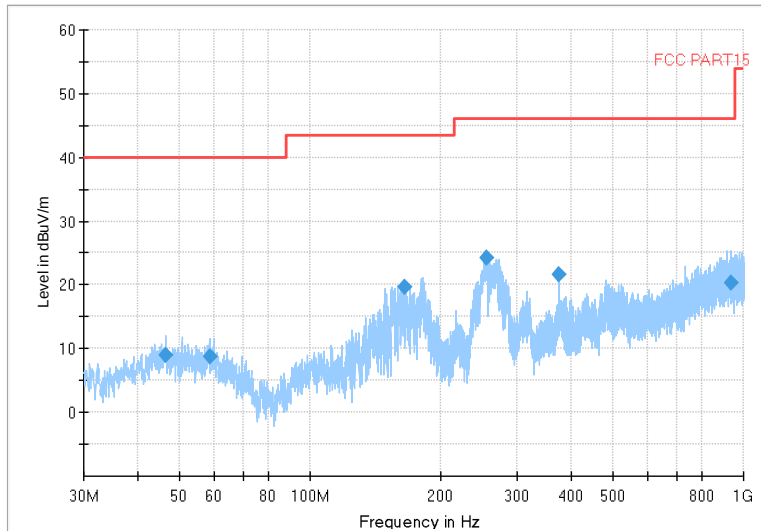
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

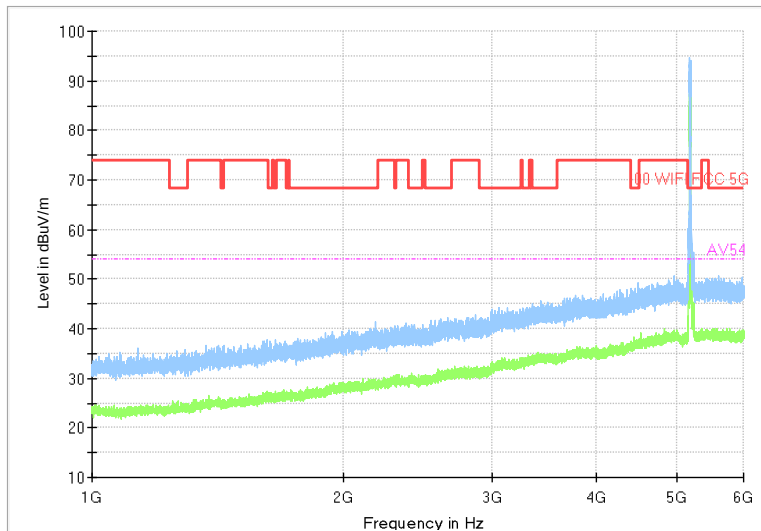


Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT40)

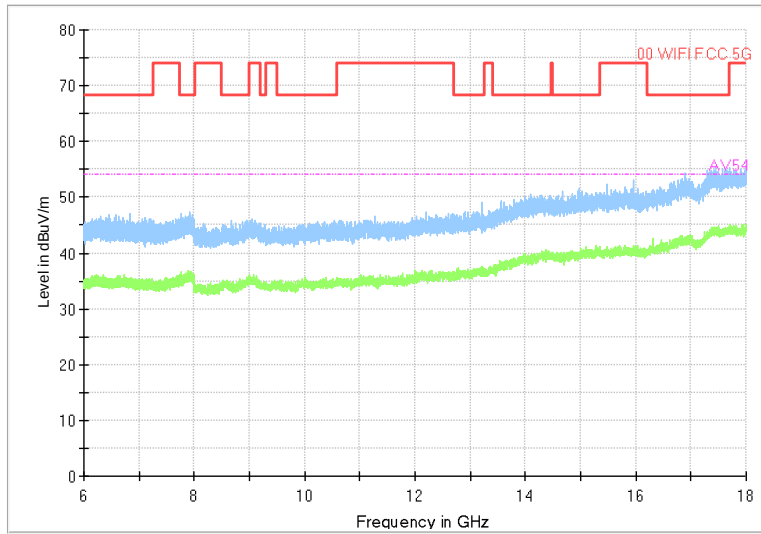
Full Spectrum



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

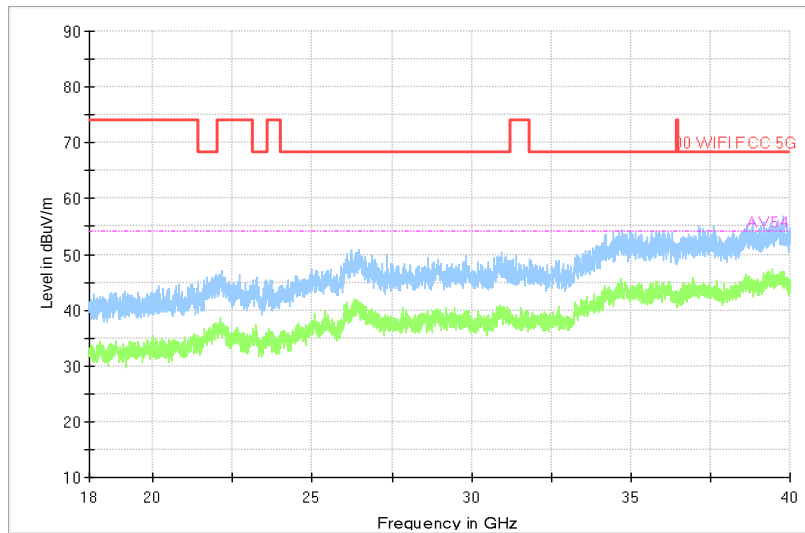


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

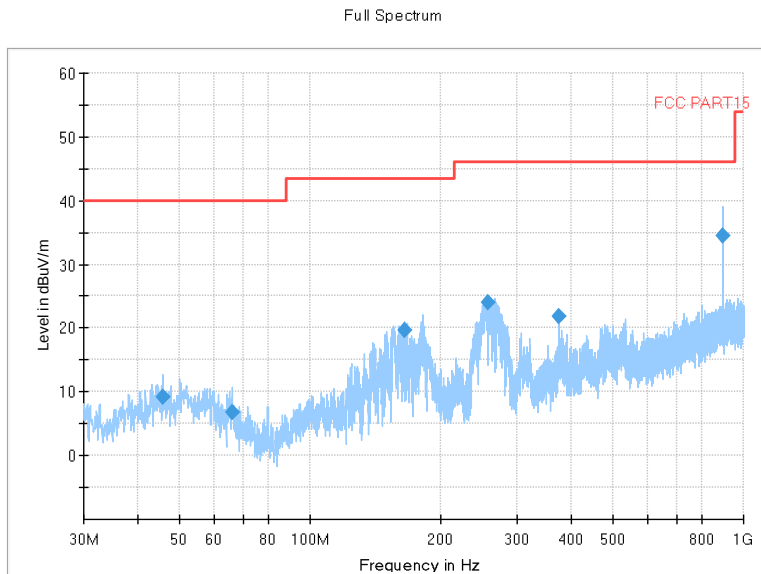
Full Spectrum



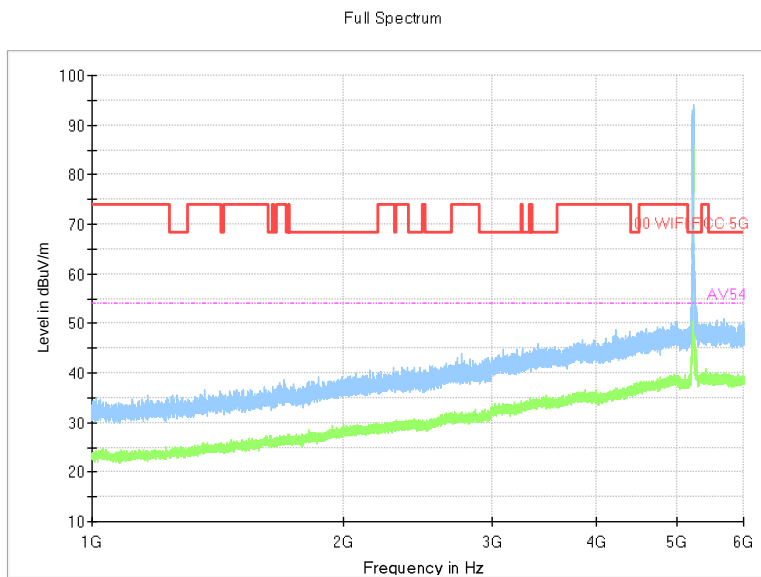
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



Carrier frequency (MHz): 5230
Channel No.:46



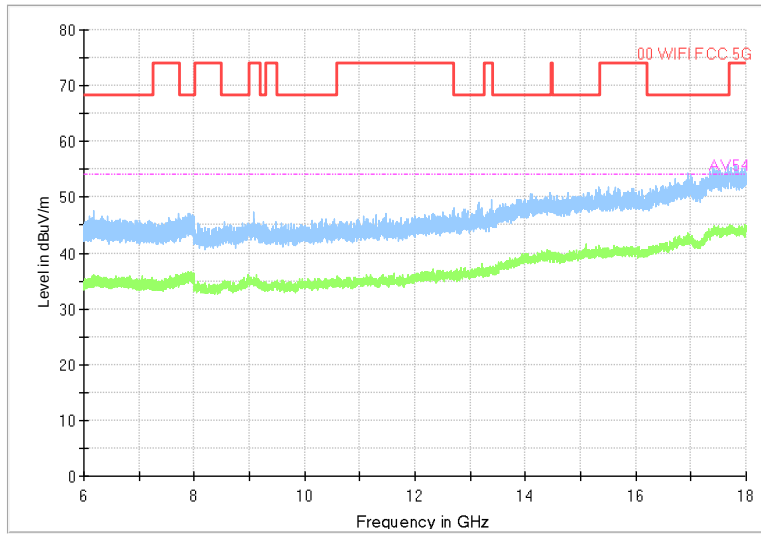
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

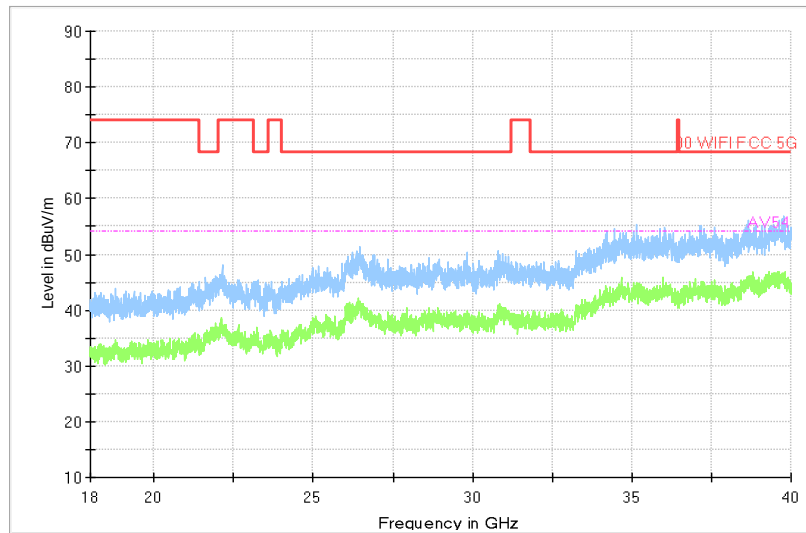


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

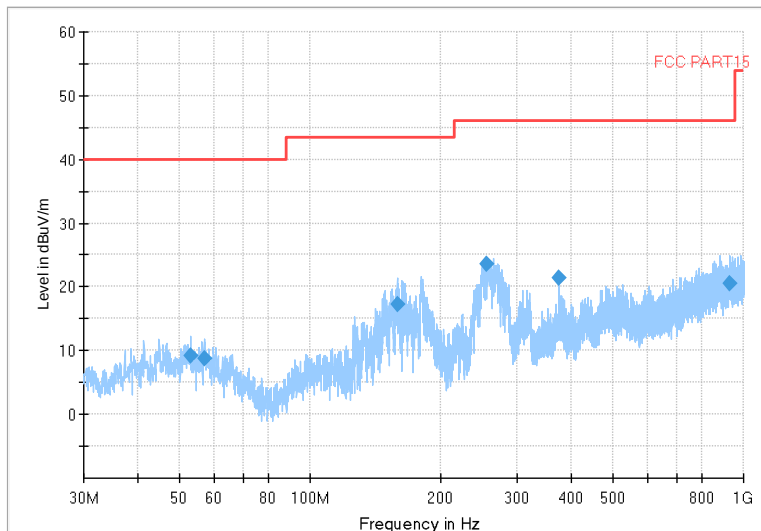
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

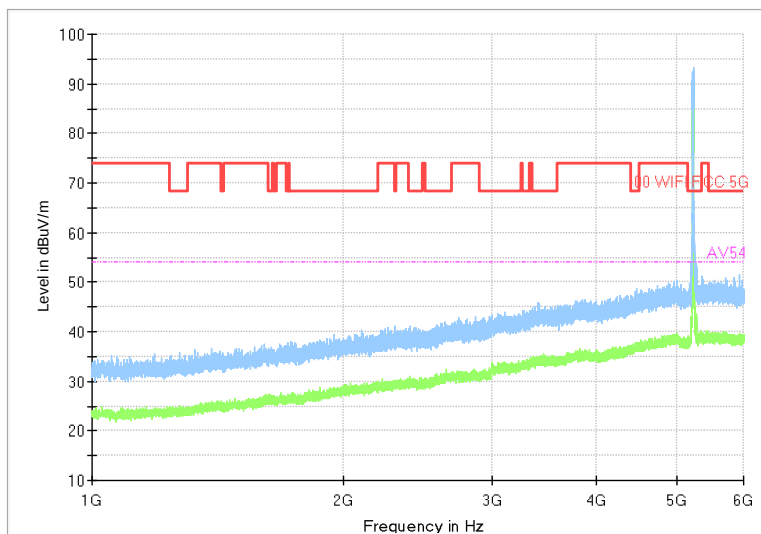


Full Spectrum



Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT40)

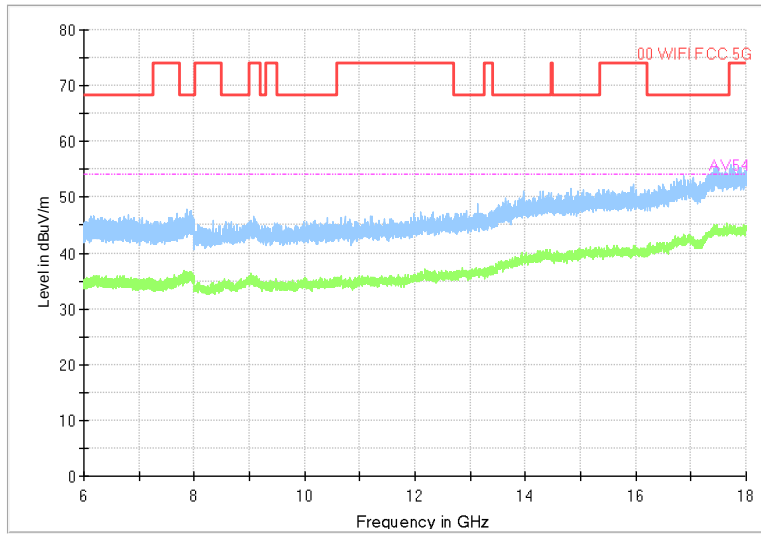
Full Spectrum



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

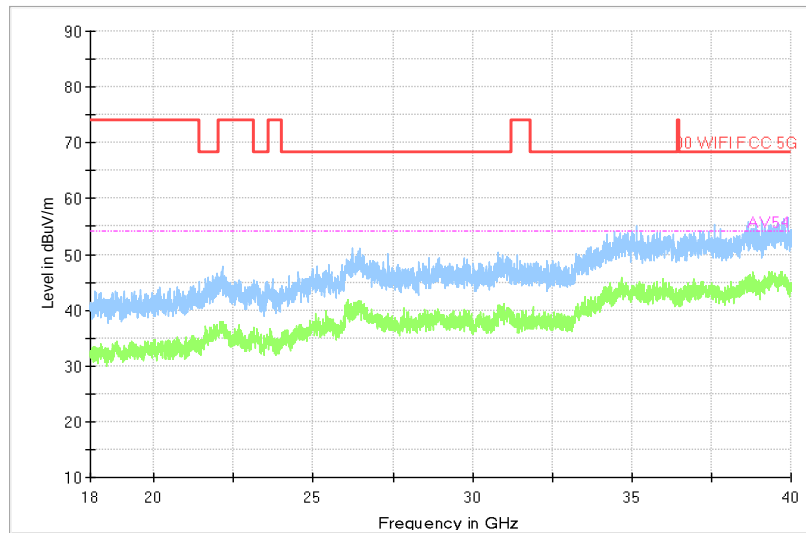


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

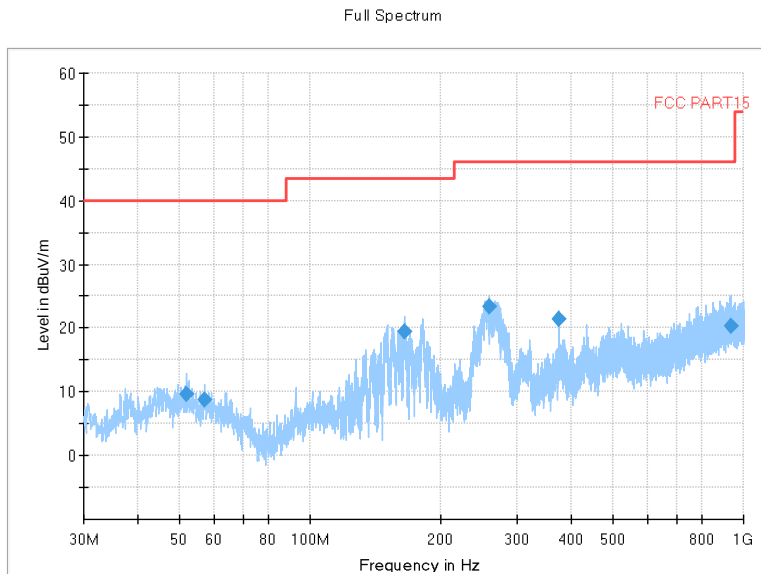
Full Spectrum



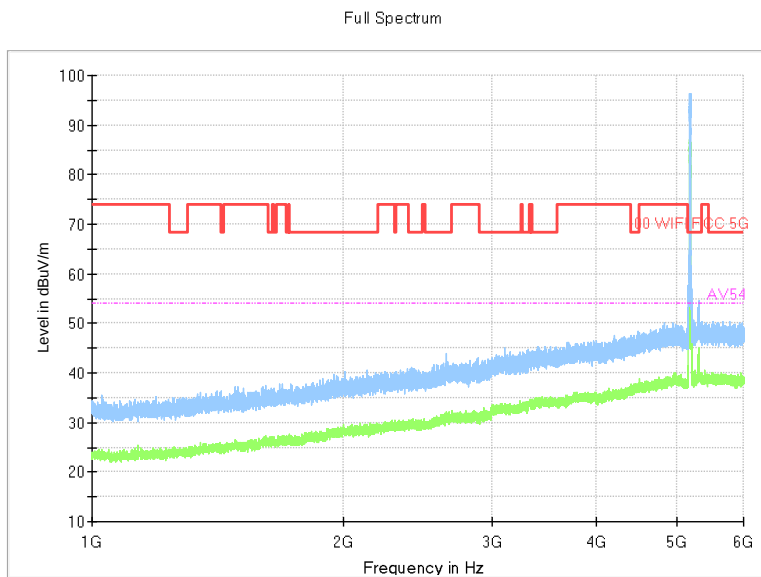
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



Carrier frequency (MHz): 5210
Channel No.:42



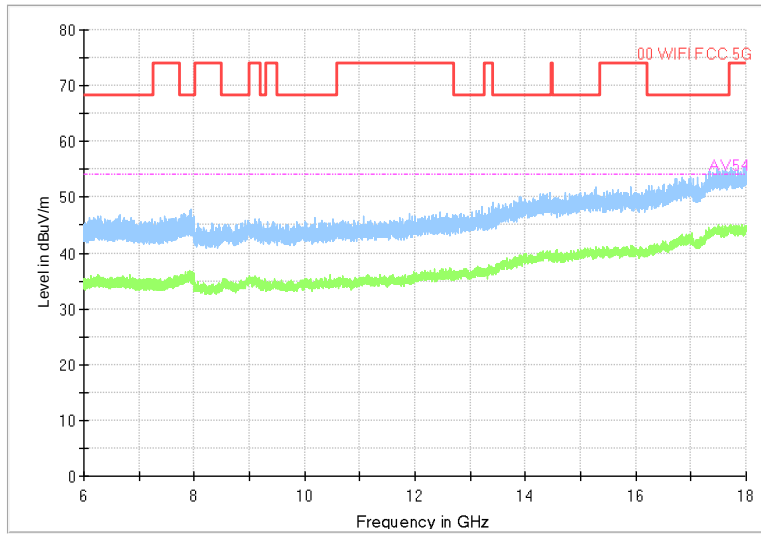
Frequency Range: 30MHz -1GHz
Detector: QP mode
Test Mode: 802.11ac(VHT80)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)

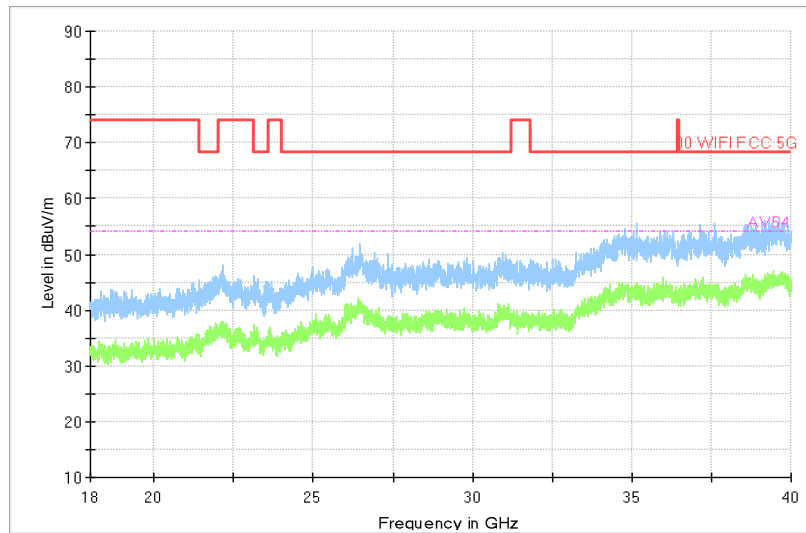


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)

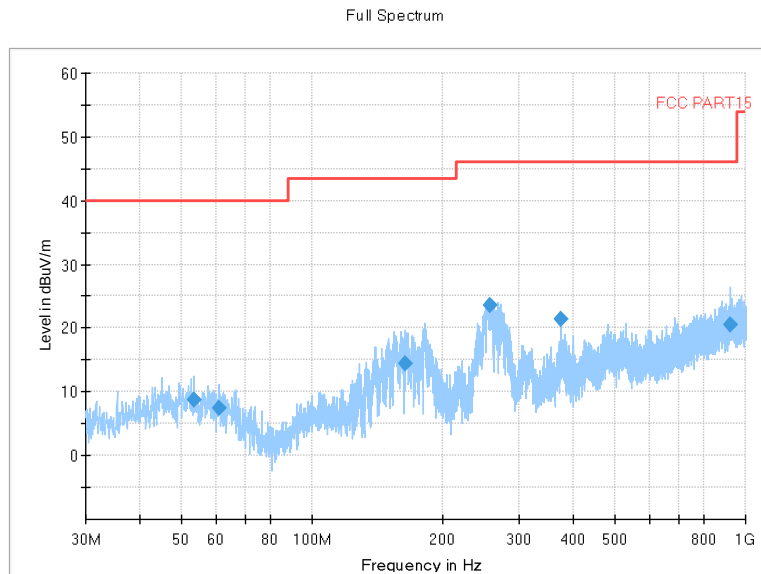
Full Spectrum



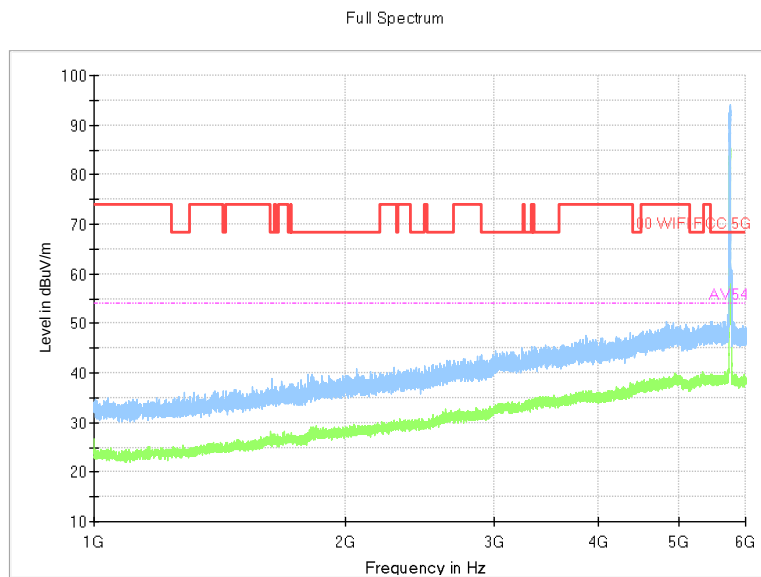
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



Carrier frequency (MHz): 5745
Channel No.:149



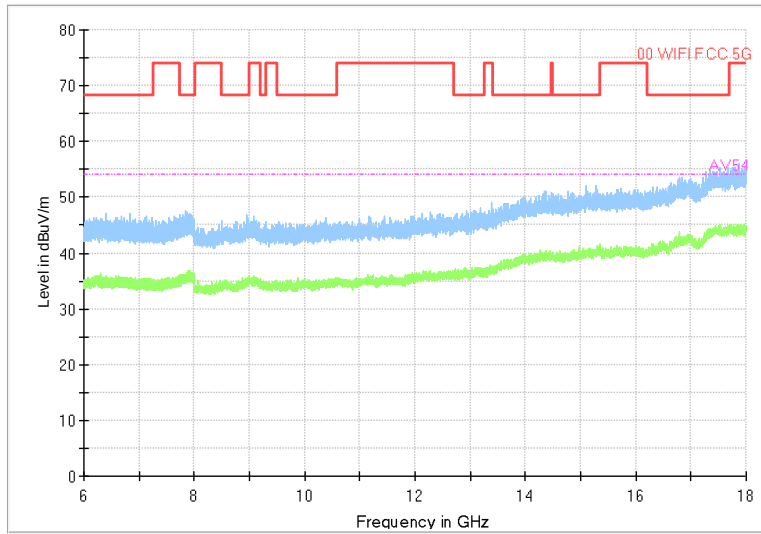
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

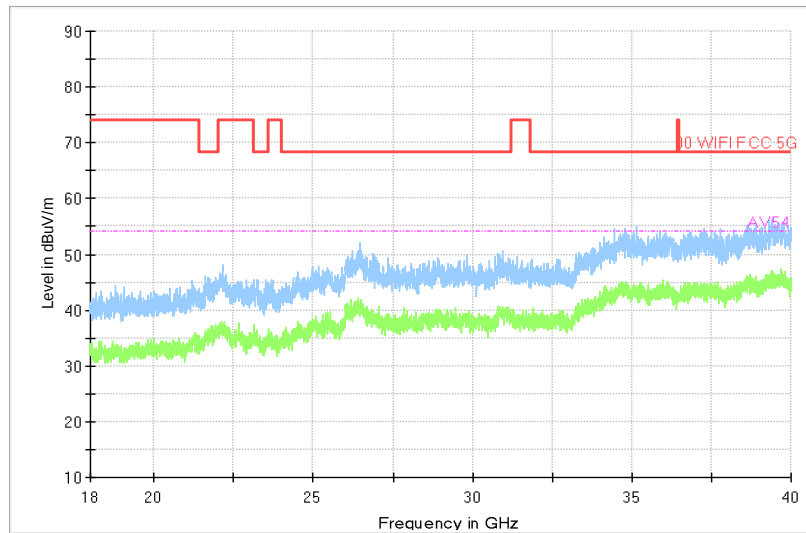


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

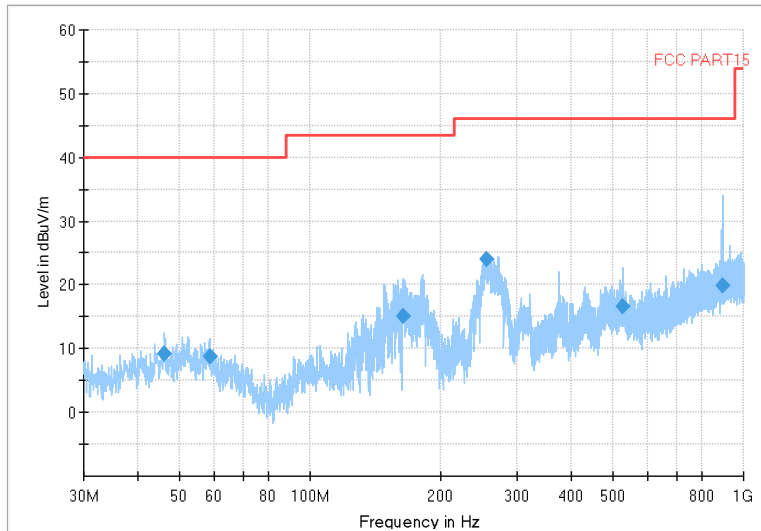
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

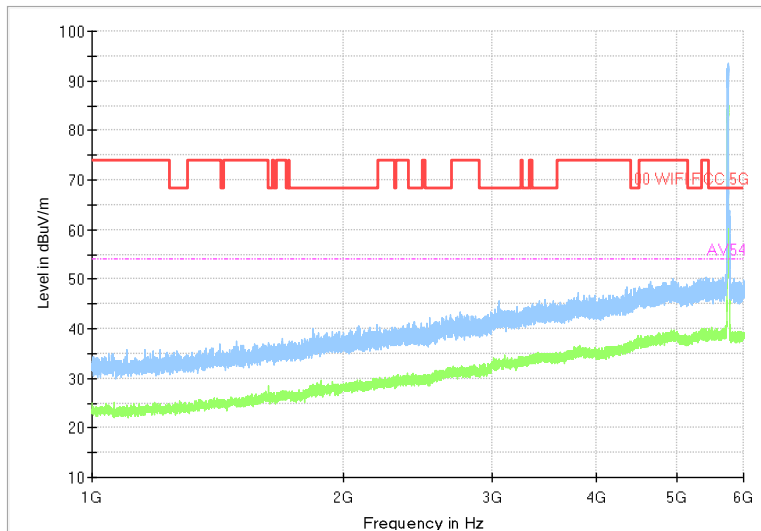


Full Spectrum



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

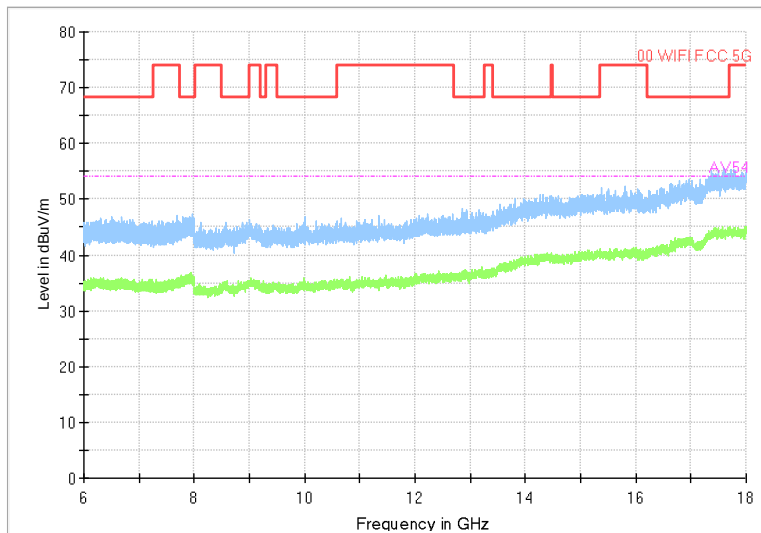
Full Spectrum



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

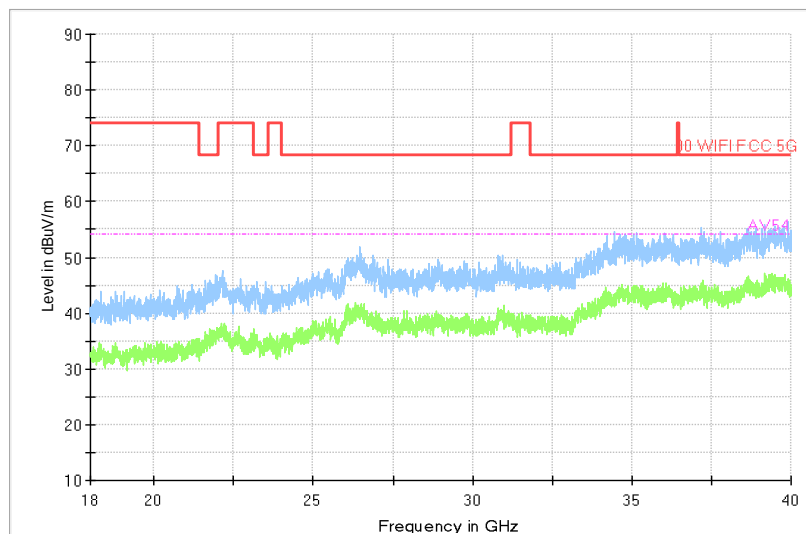


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

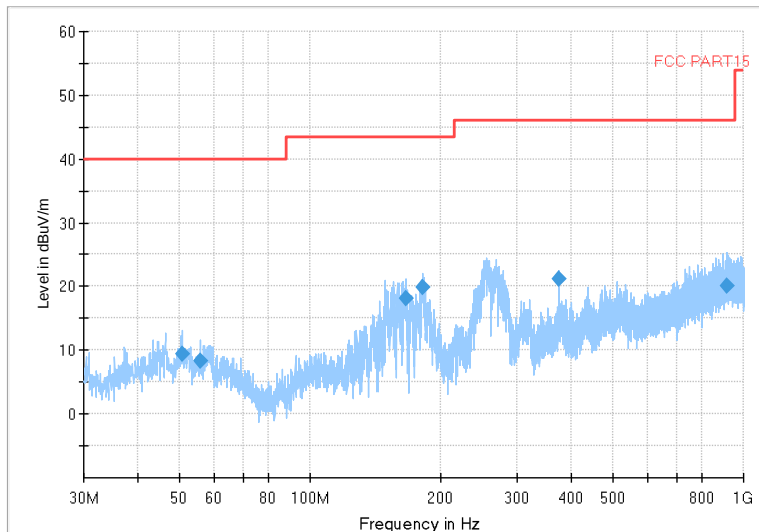
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Full Spectrum

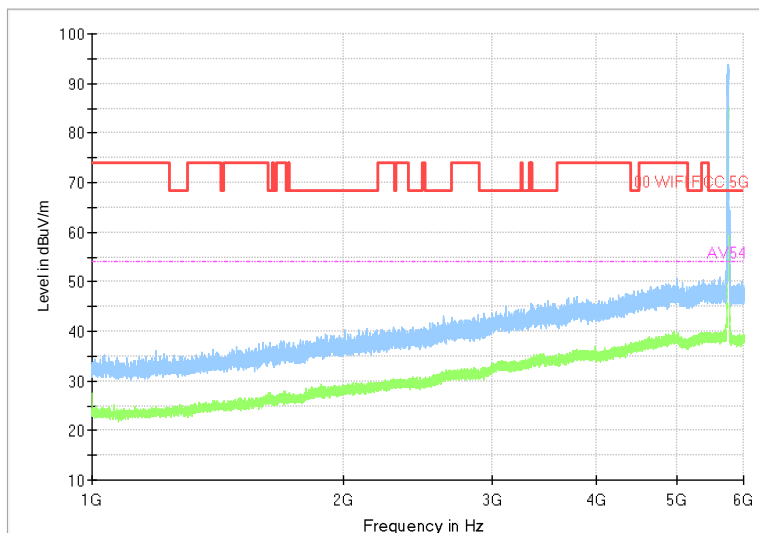


Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11ac(VHT20)

Full Spectrum



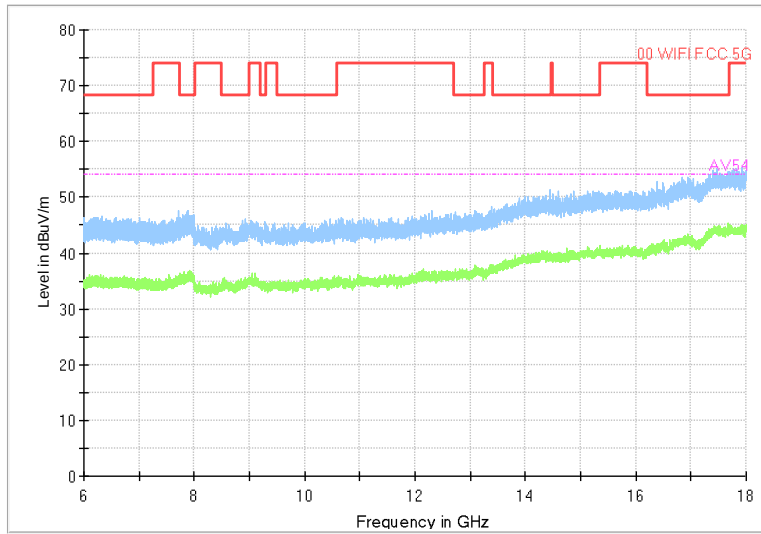
Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

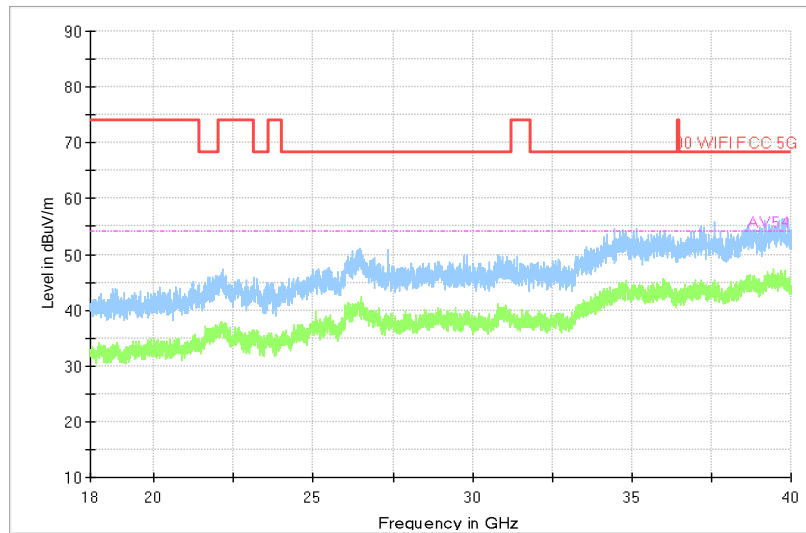


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

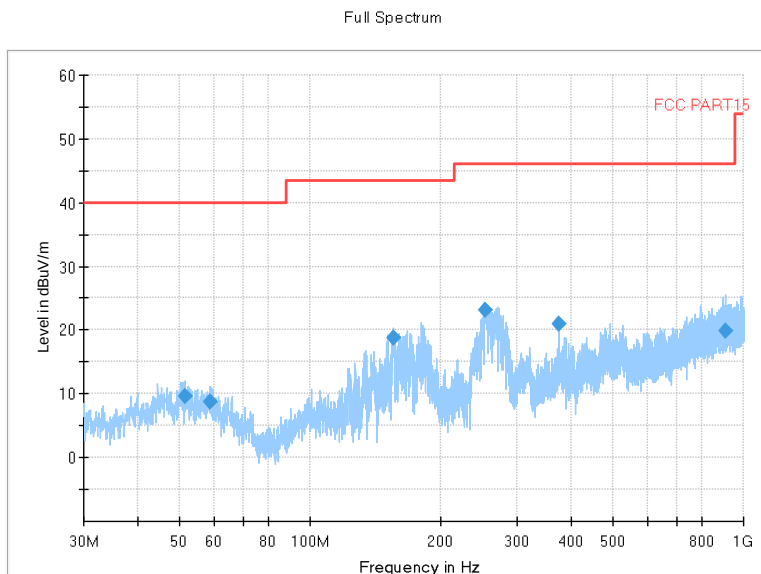
Full Spectrum



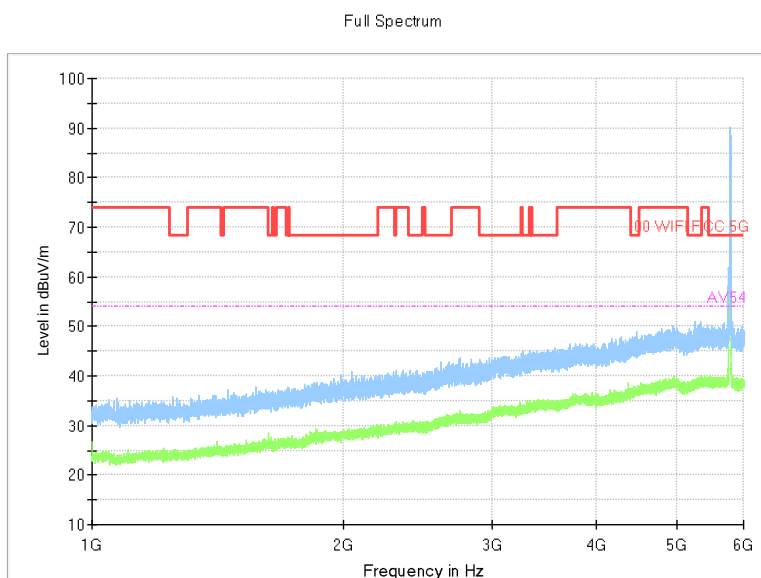
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5785
Channel No.:157

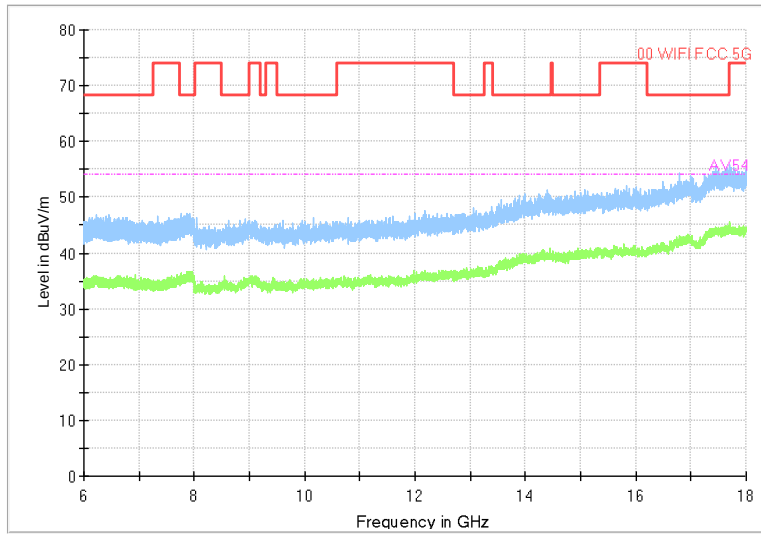


Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a



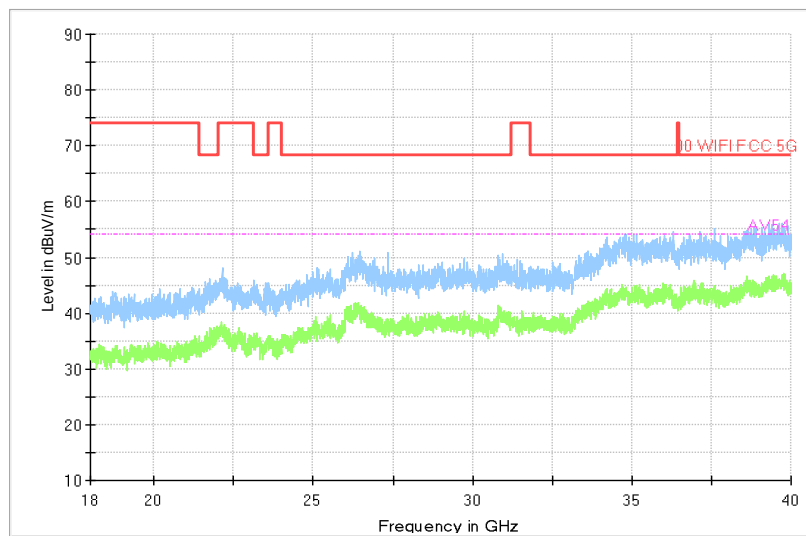
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

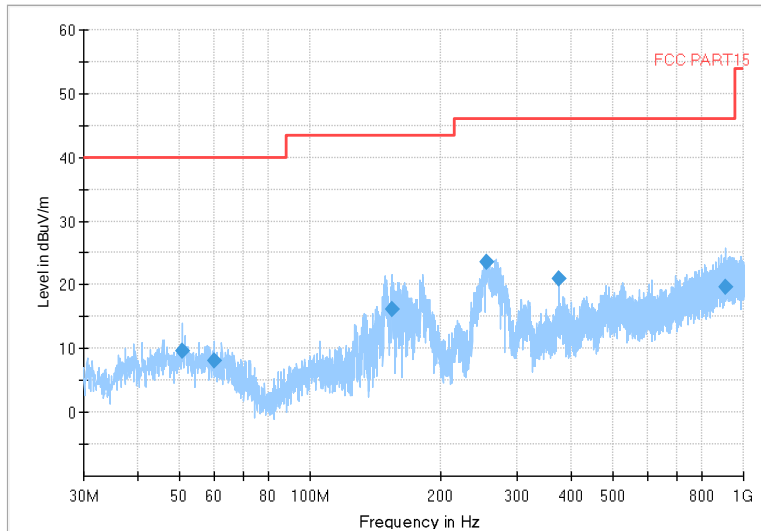
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

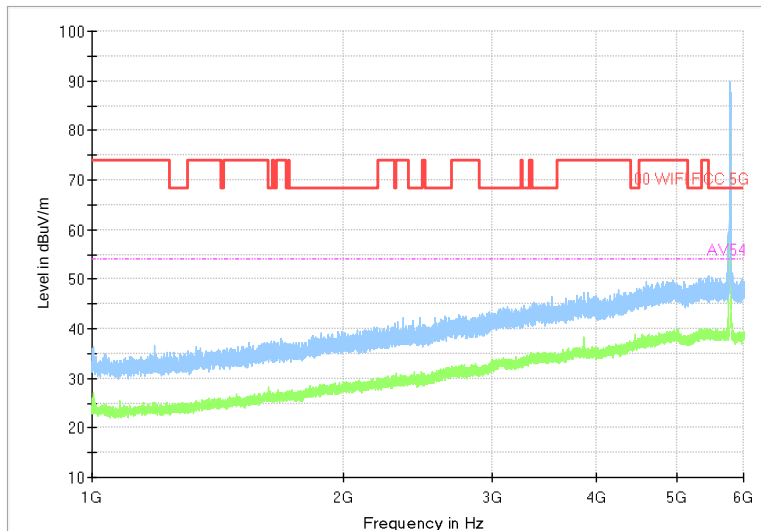


Full Spectrum



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

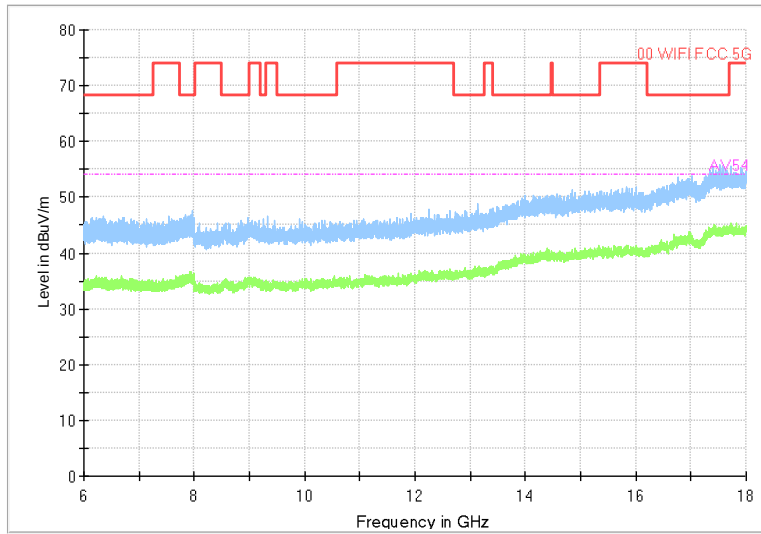
Full Spectrum



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

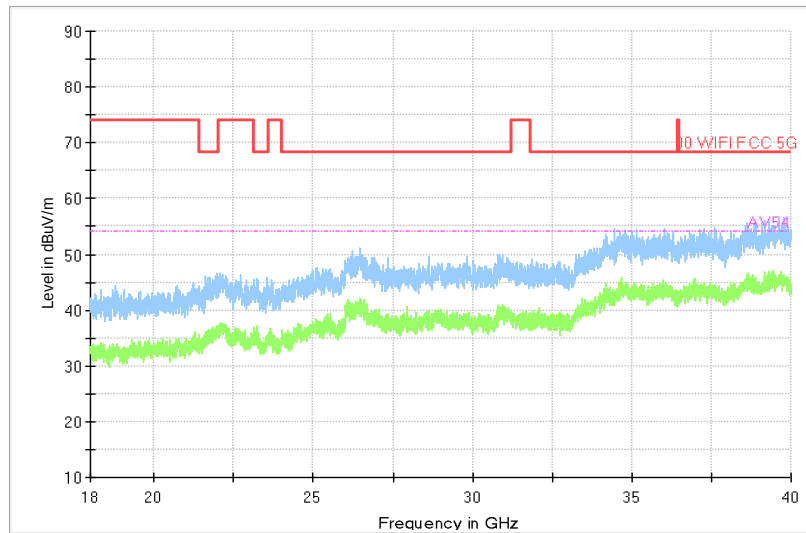


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

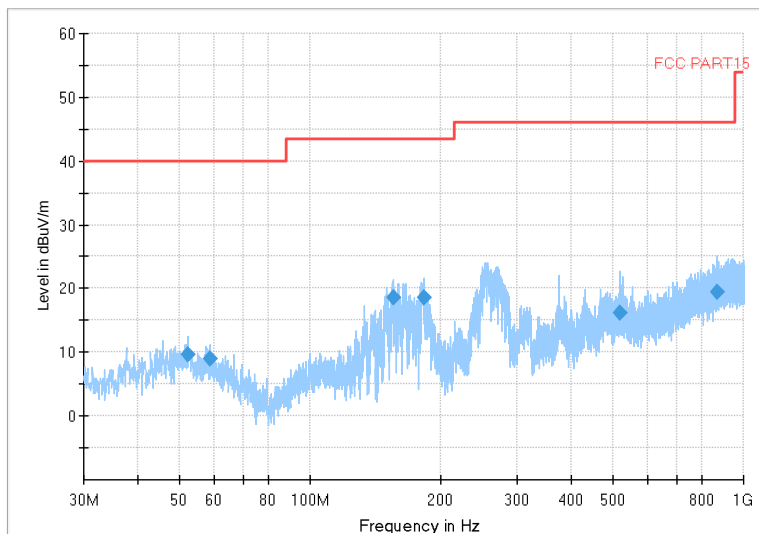
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Full Spectrum

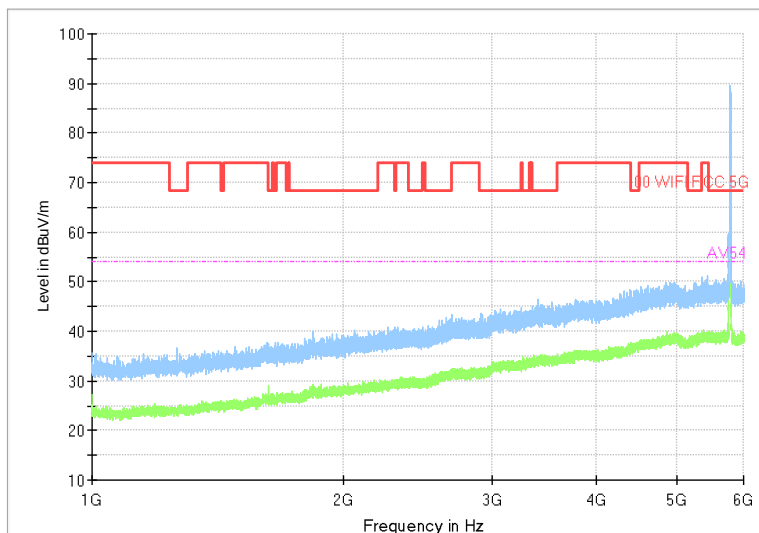


Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11ac(VHT20)

Full Spectrum



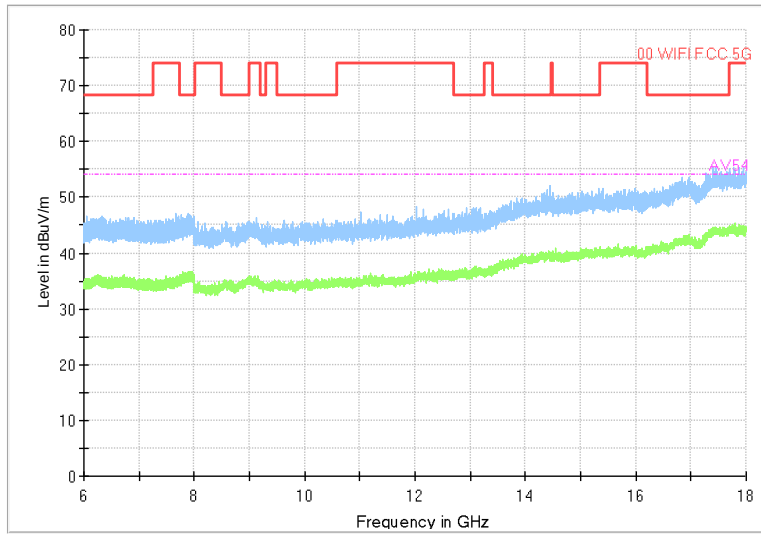
Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

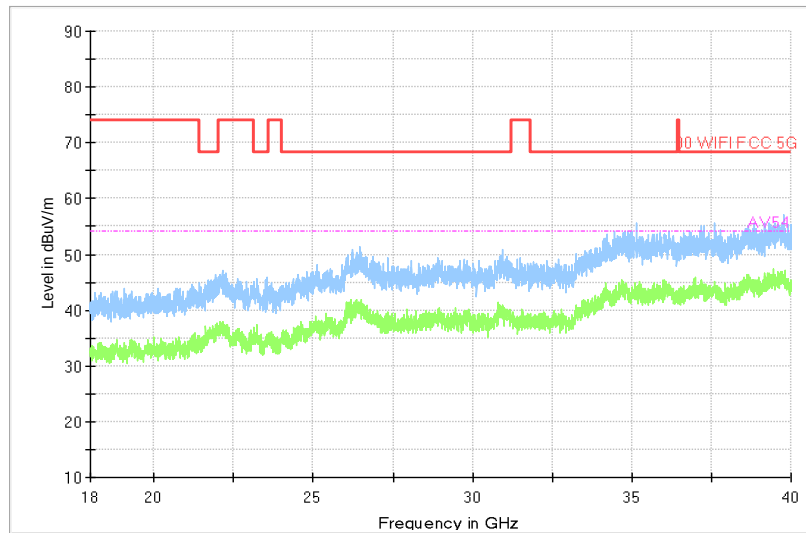


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

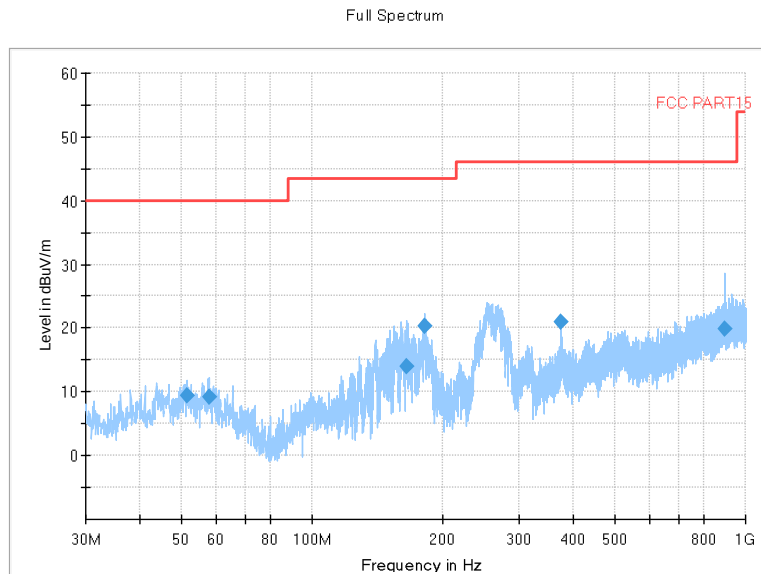
Full Spectrum



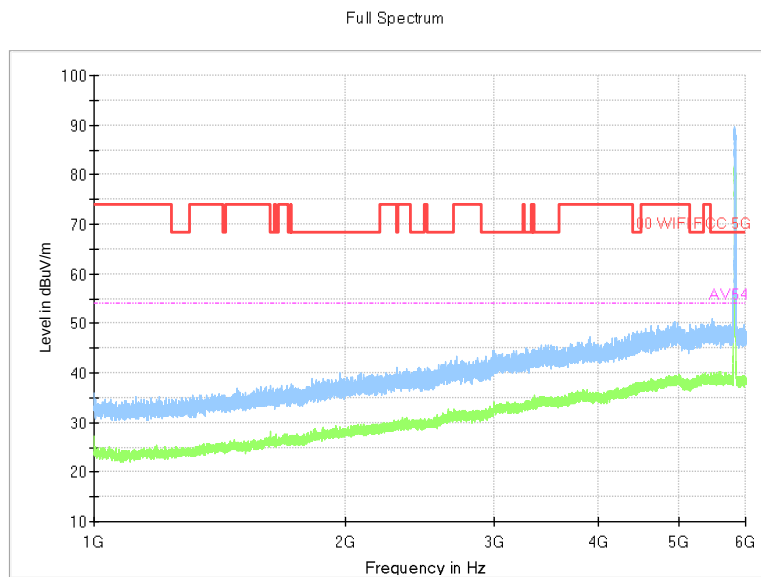
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5825
Channel No.:165



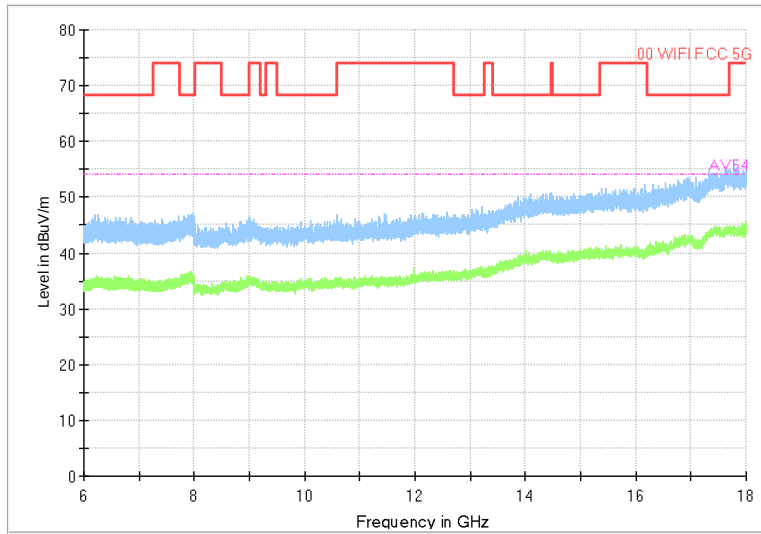
Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11a



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

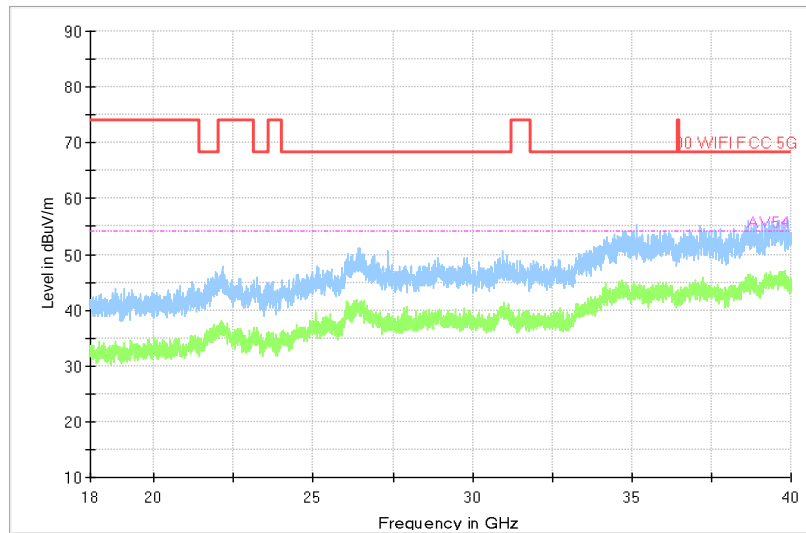


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

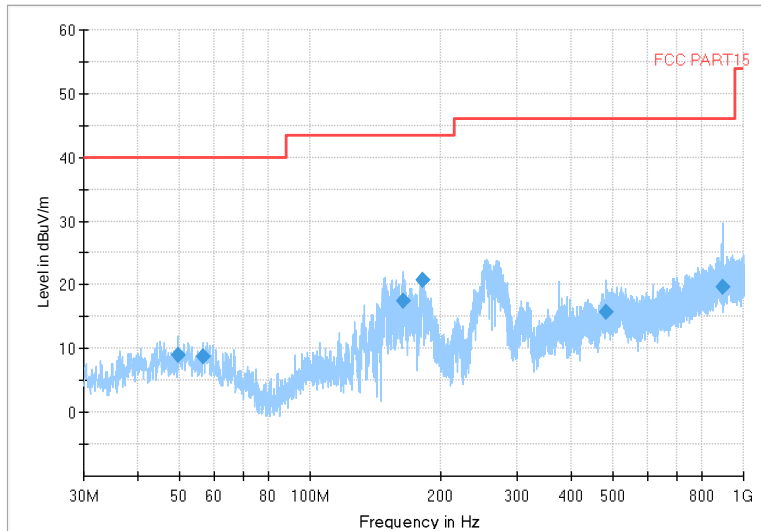
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

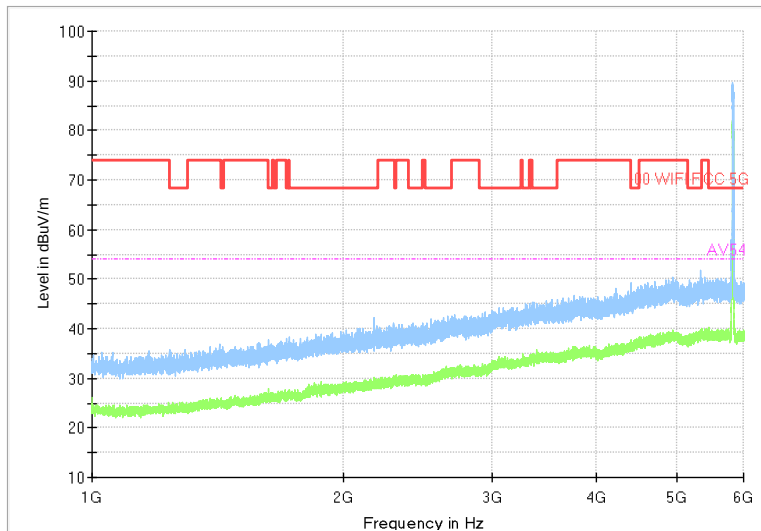


Full Spectrum



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

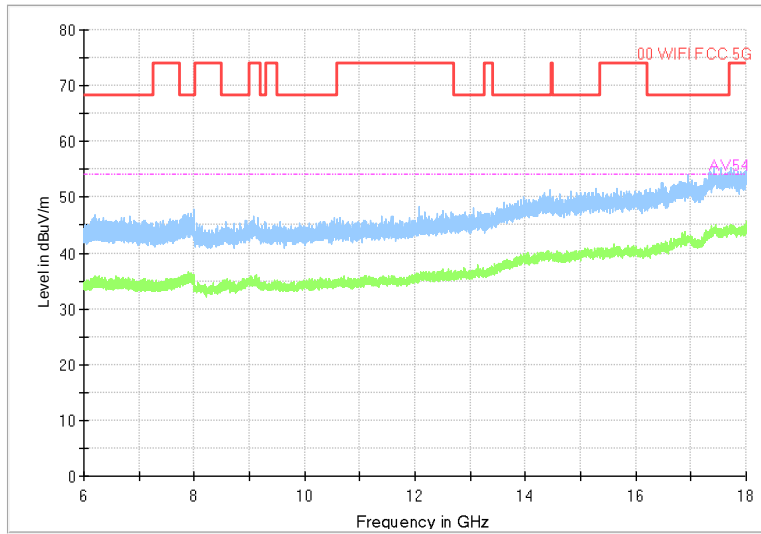
Full Spectrum



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

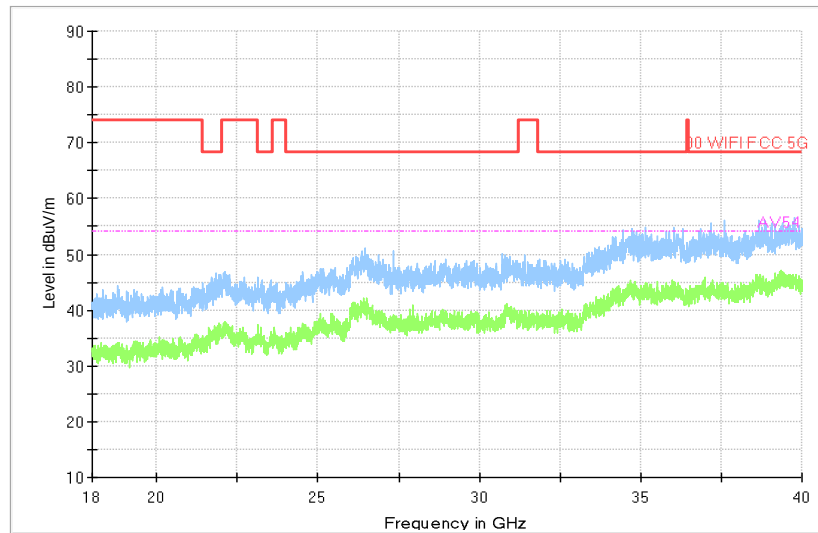


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)

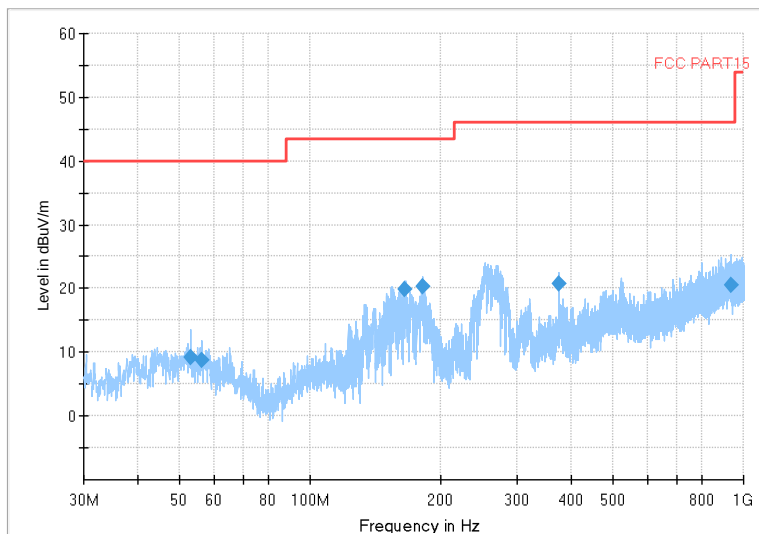
Full Spectrum



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



Full Spectrum

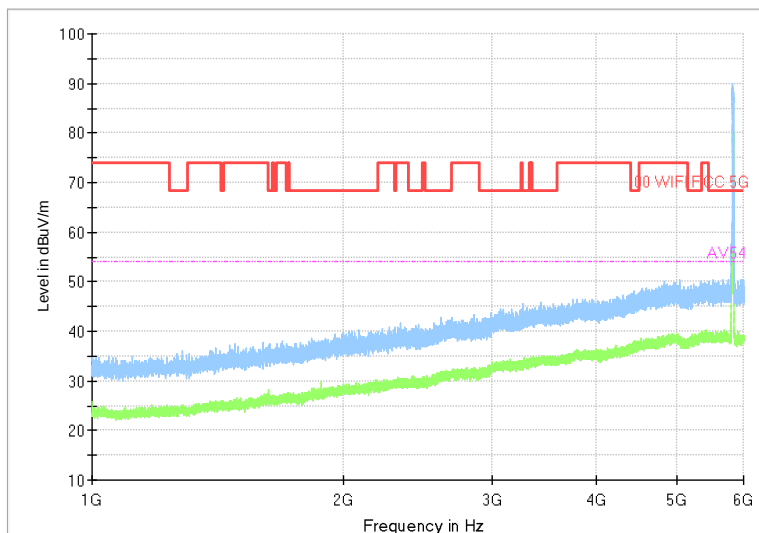


Frequency Range: 30MHz -1GHz

Detector: QP mode

Test Mode: 802.11ac(VHT20)

Full Spectrum



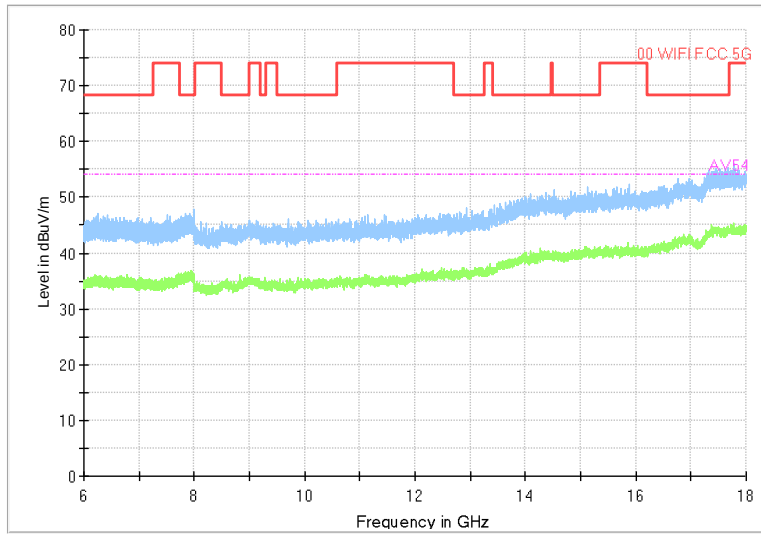
Frequency Range: 1GHz -6GHz

Detector: Av mode and PK mode

Test Mode: 802.11ac(VHT20)

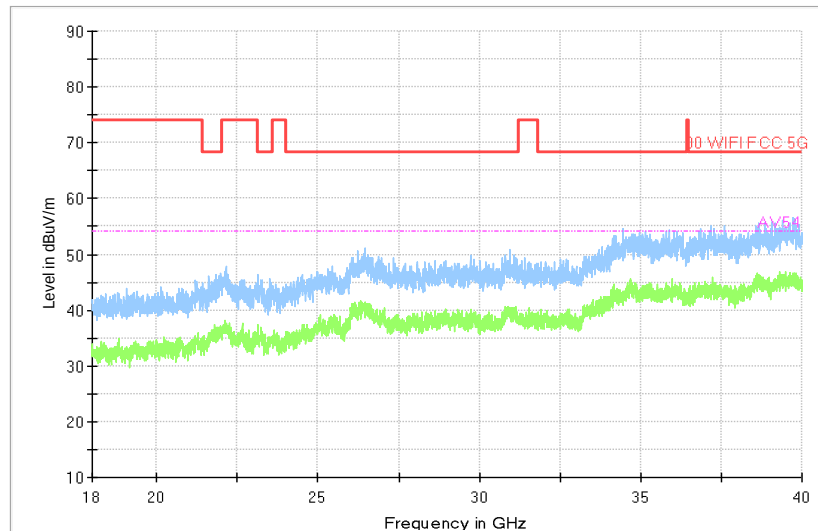


Full Spectrum



Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

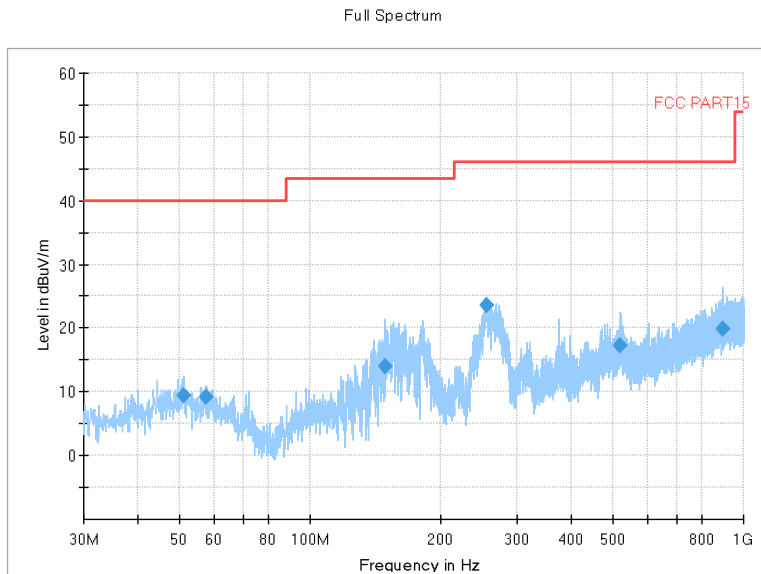
Full Spectrum



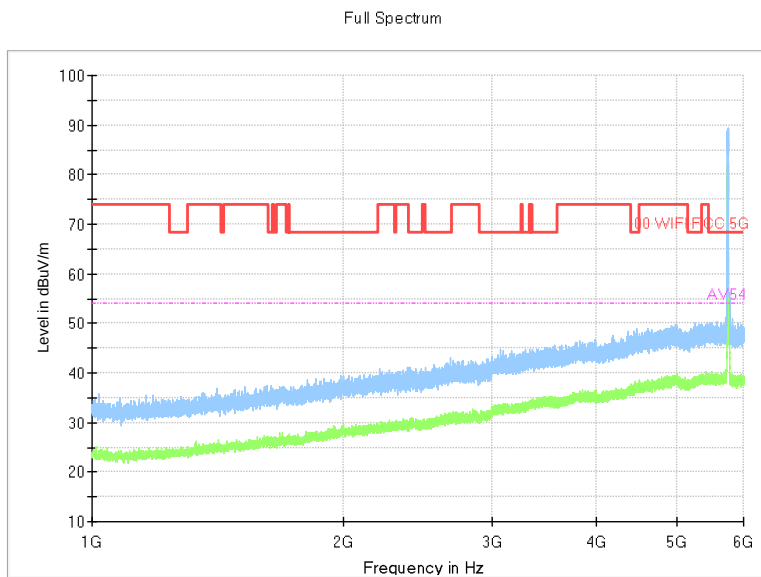
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



Carrier frequency (MHz): 5755
Channel No.:151



Frequency Range: 30MHz -1GHz
Detector: QP mode
Modulation type: 802.11n(HT40)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)