APPENDIX B – TEST DATA OF RADIATED EMISSION

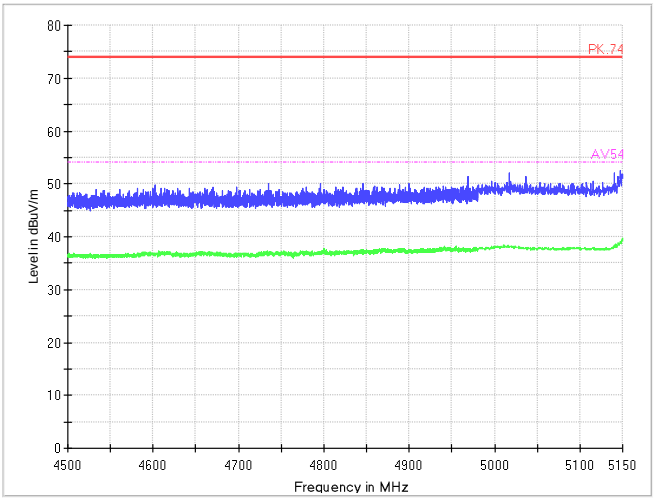
Note1： The worst channel results are reflected in the report.

Note2: The scanned graph represents the maximum of both horizontal and vertical polarizations and is not a single horizontal or vertical polarization scan

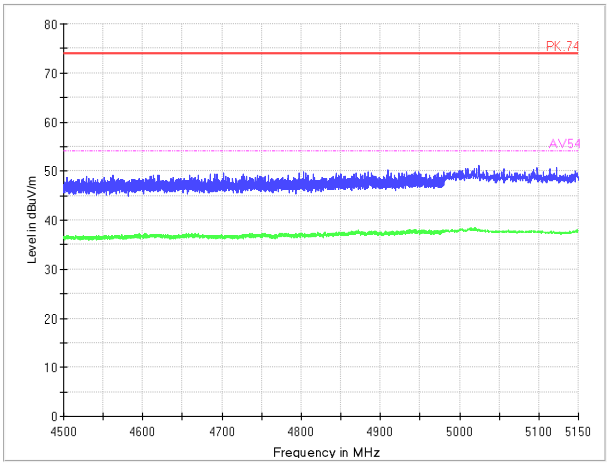
Note3:For 802.11a is ANT0 For 802.11n(HT20/HT40) 、802.11ac (VHT20/VHT40/VHT80) 、802.11ax(HE20/HE40/HE80) is ANT MIMO

Radiated Emission Band Edge

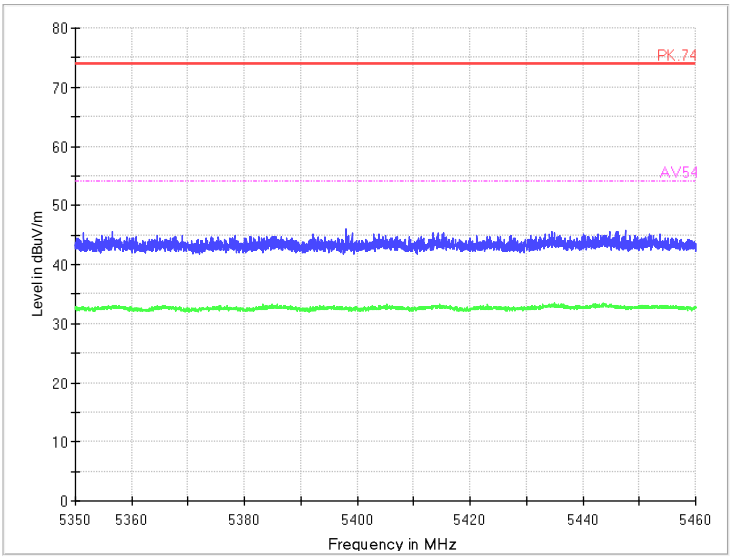
20M



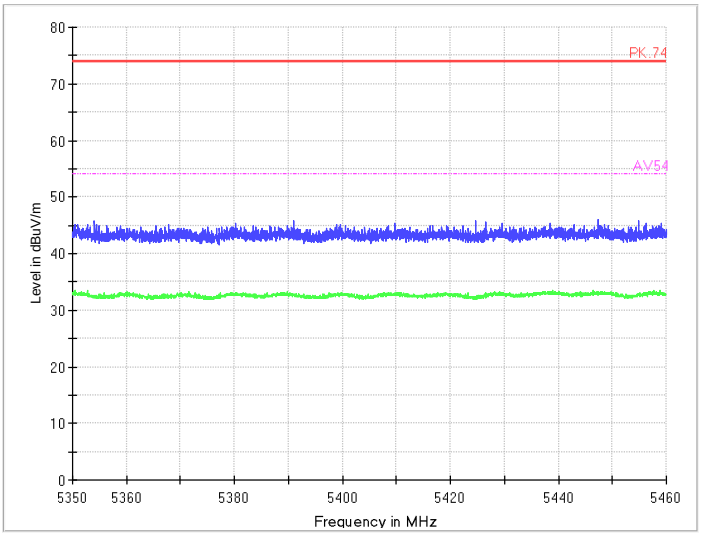
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11a
Polarization：V



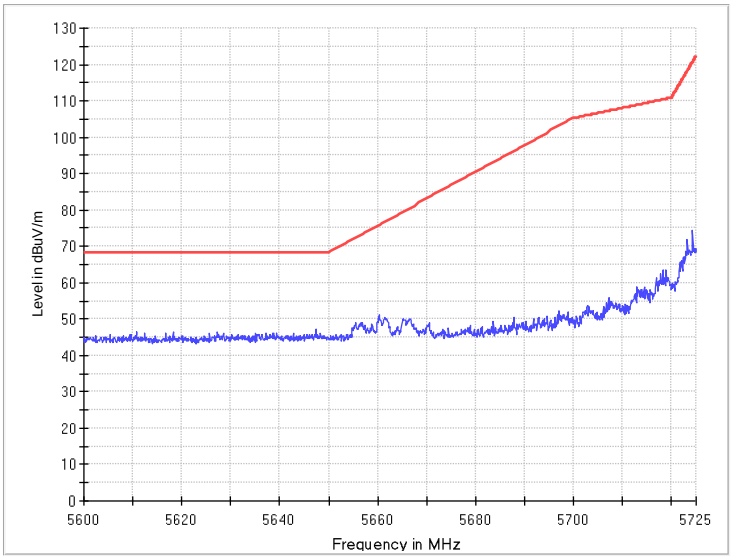
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11a
Polarization：H



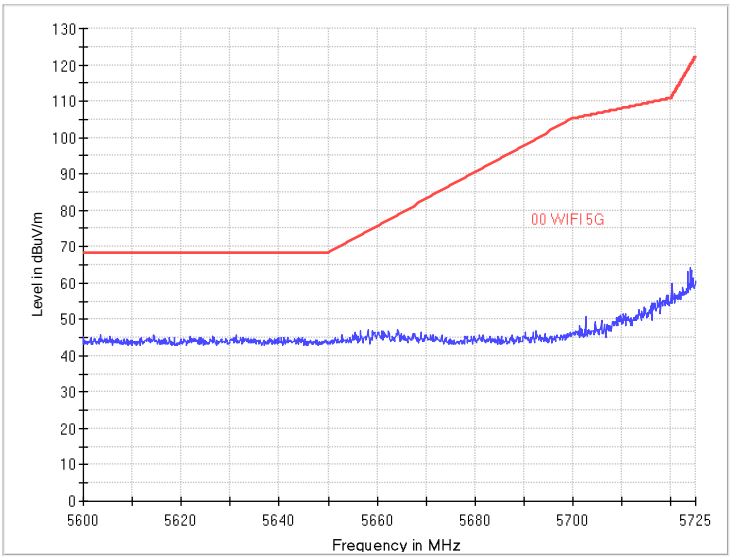
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11a
Polarization：V



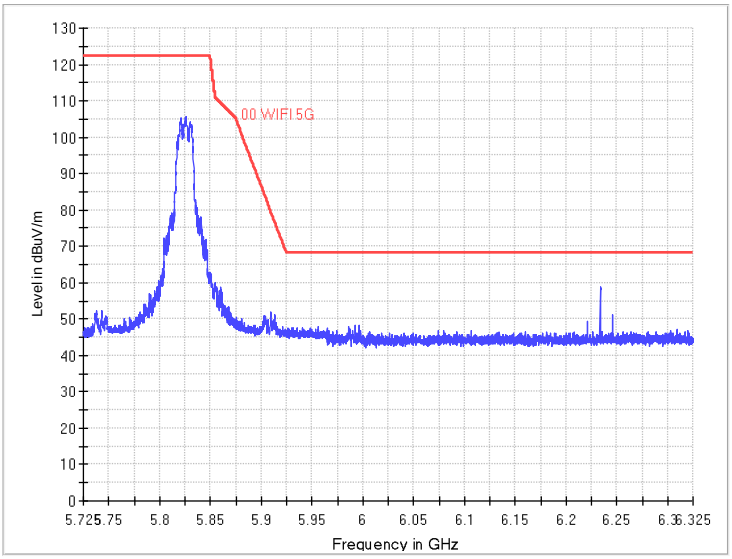
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11a
Polarization：H



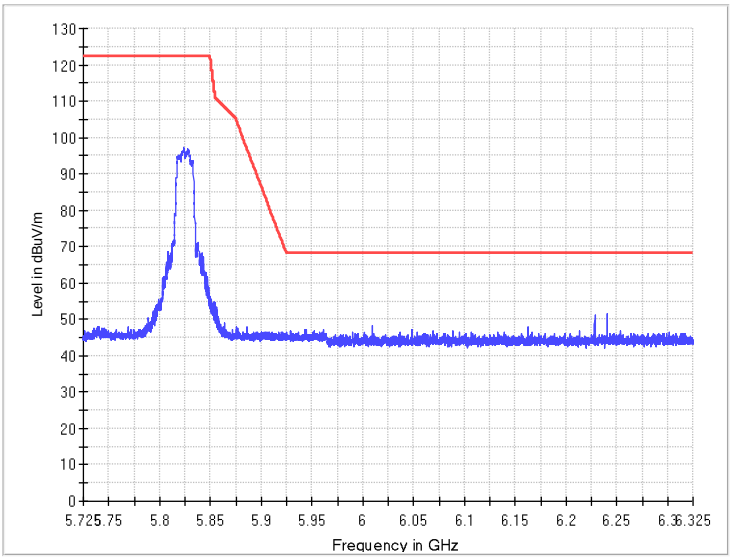
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization：V



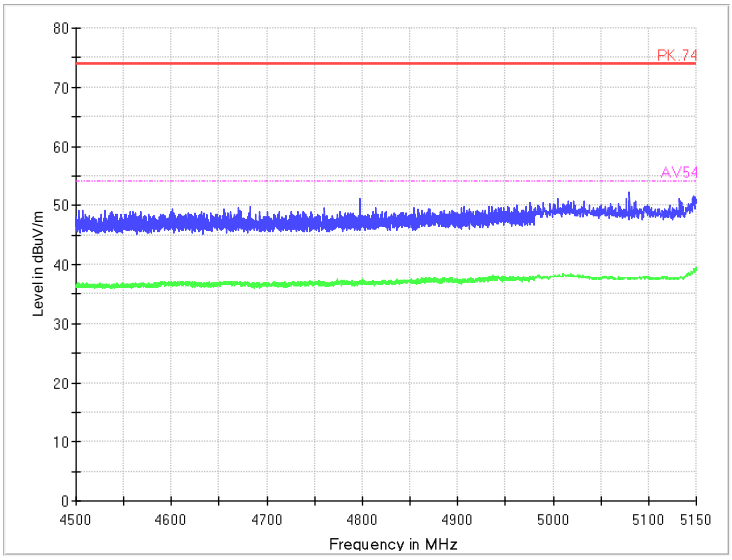
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization：H



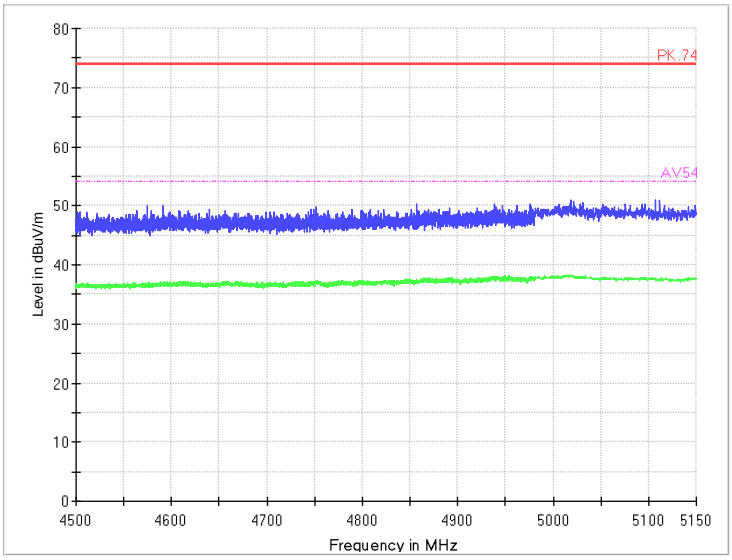
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization：V



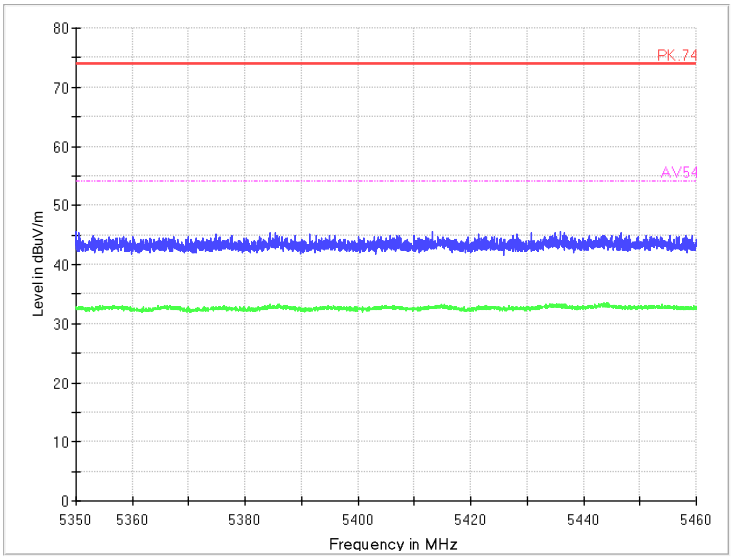
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization：H



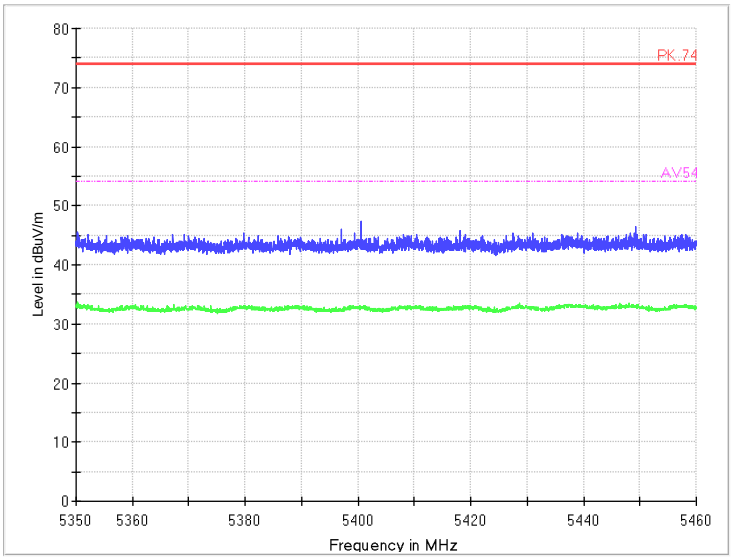
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11n
Polarization：V



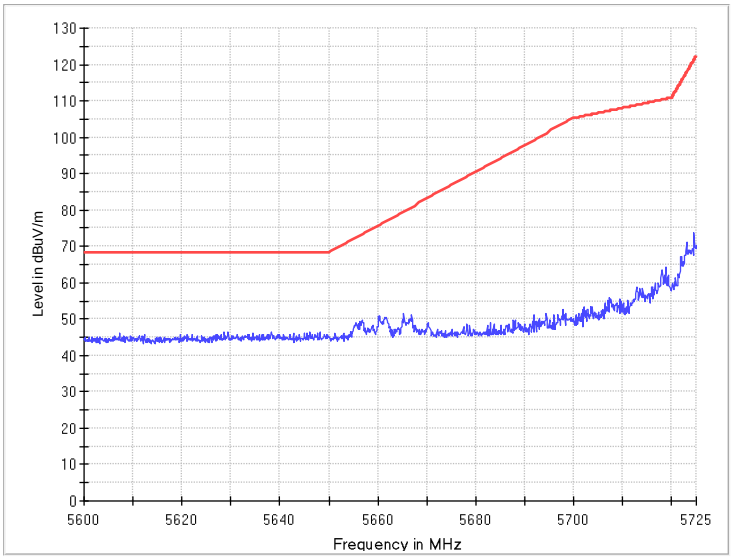
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11n
Polarization：H



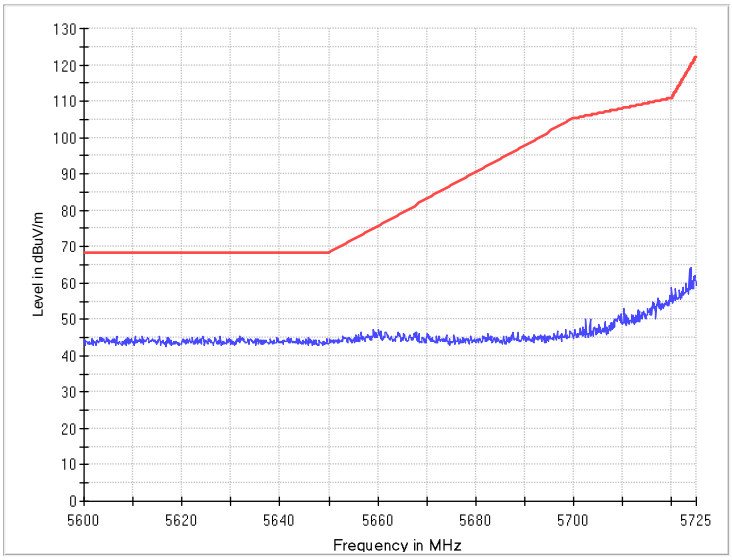
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11n
Polarization：V



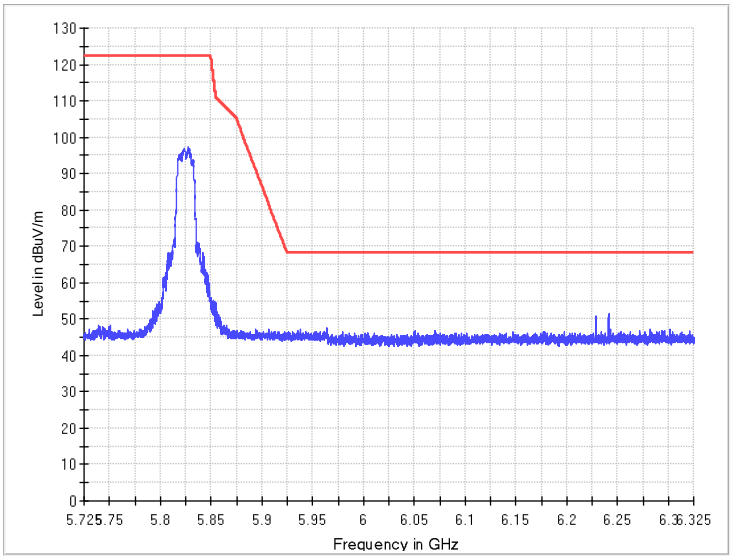
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11n
Polarization：H



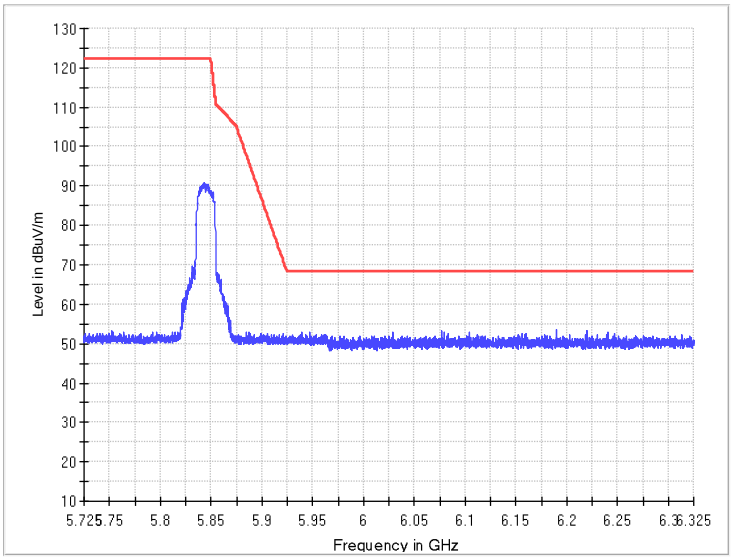
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization：V



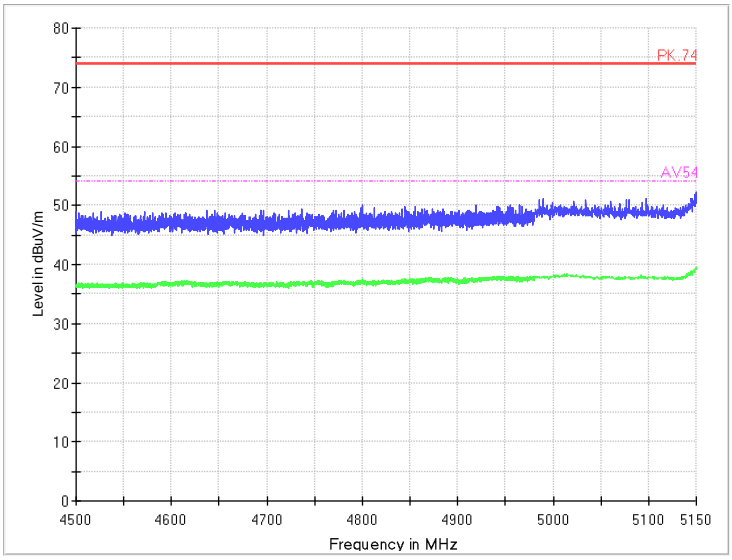
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization：H



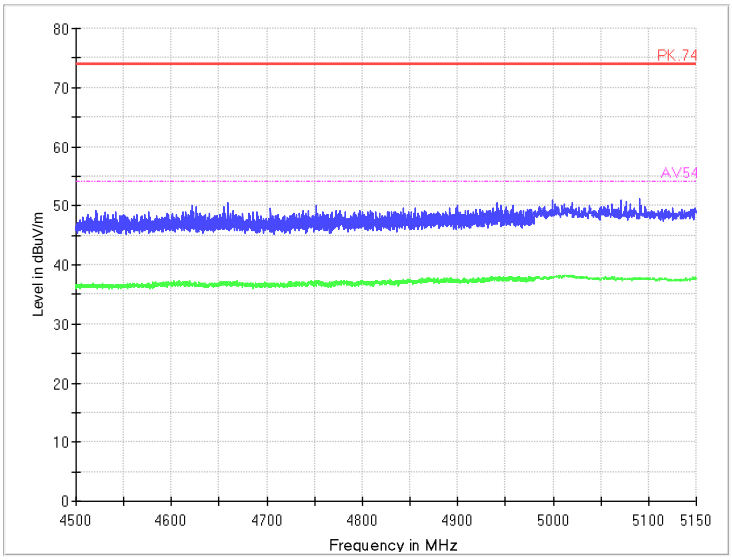
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization：V



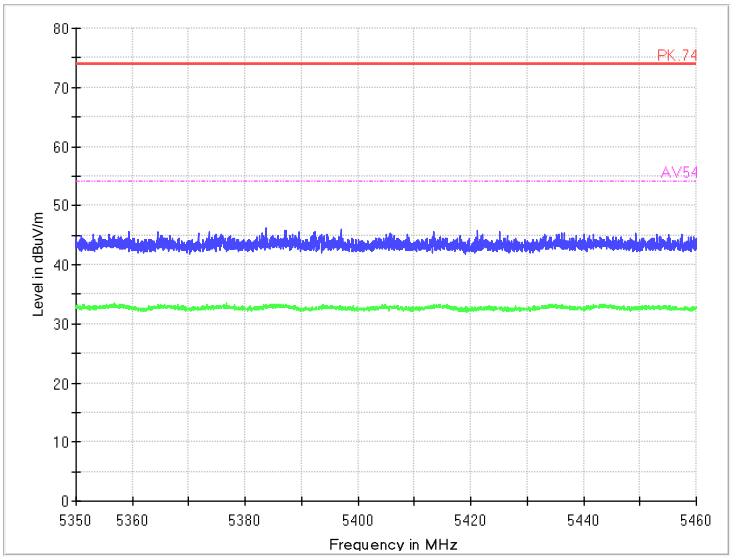
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization：H



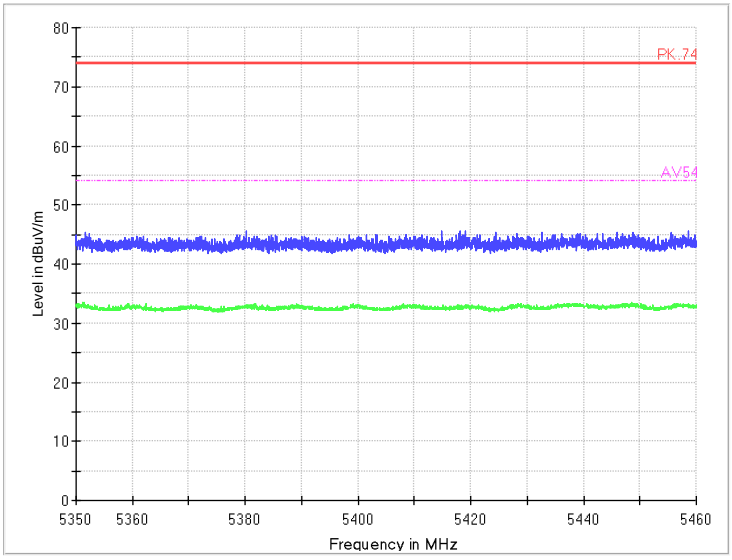
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ac
Polarization：V



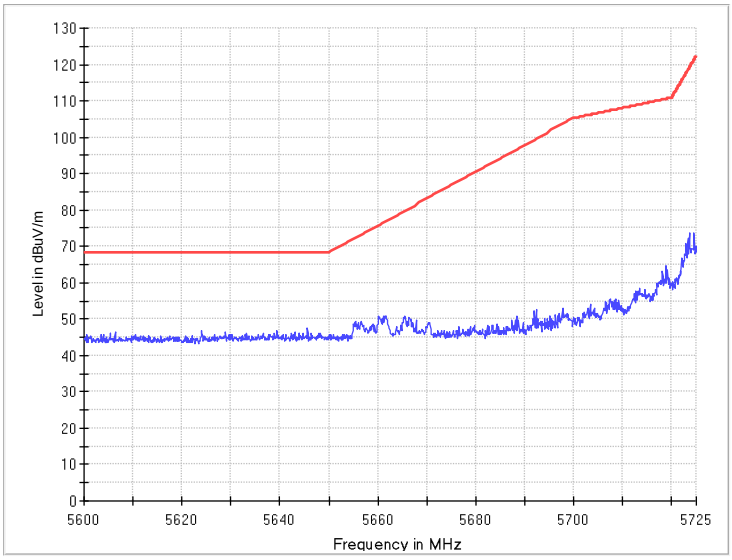
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ac
Polarization：H



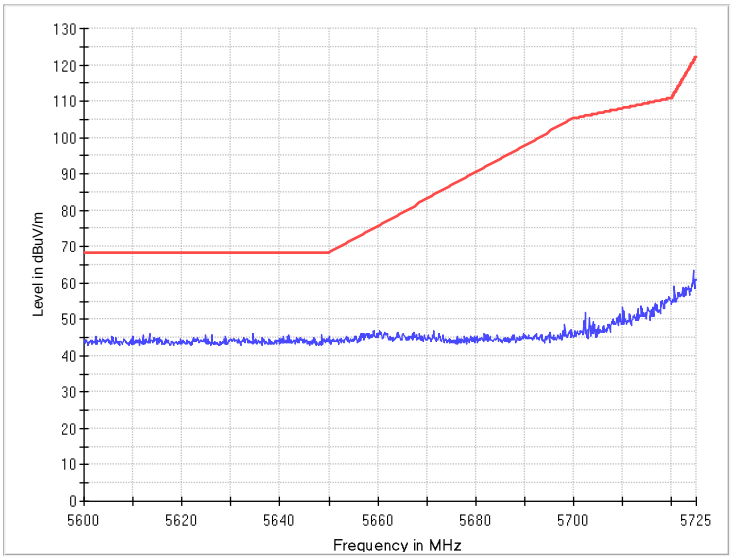
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ac
Polarization：V



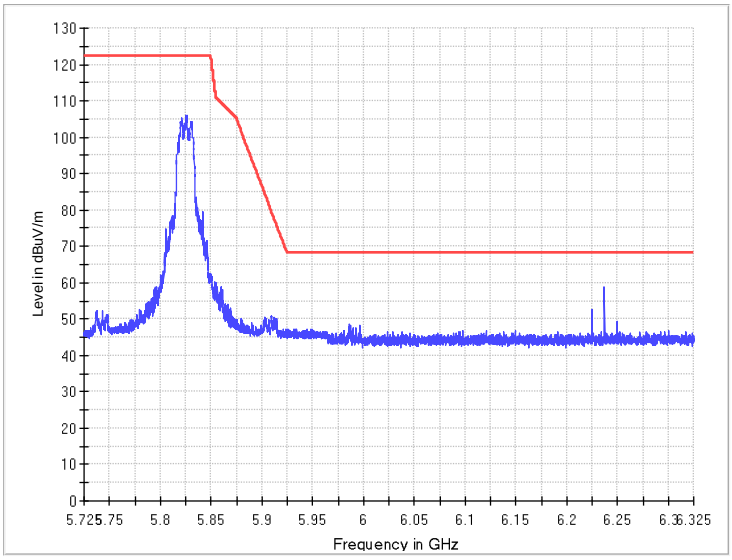
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ac
Polarization：H



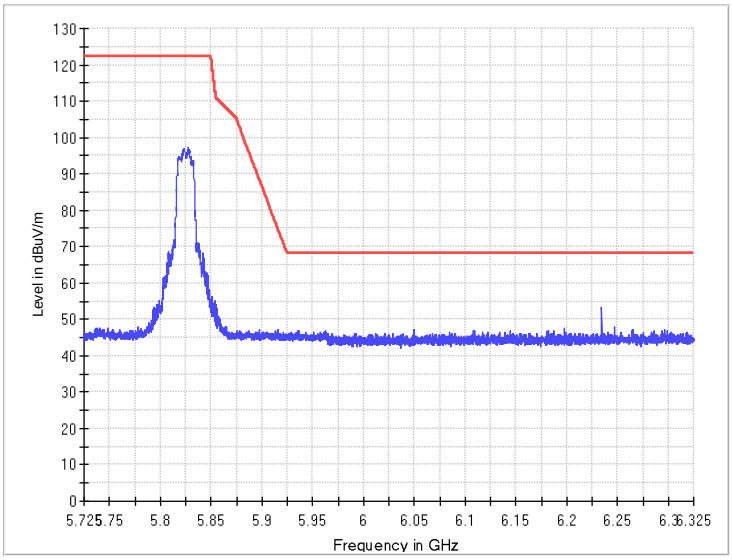
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ac
Polarization：V



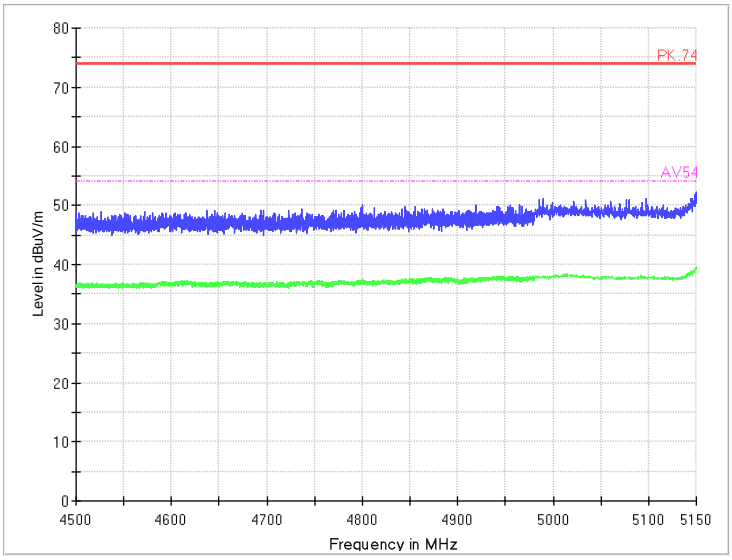
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ac
Polarization：H



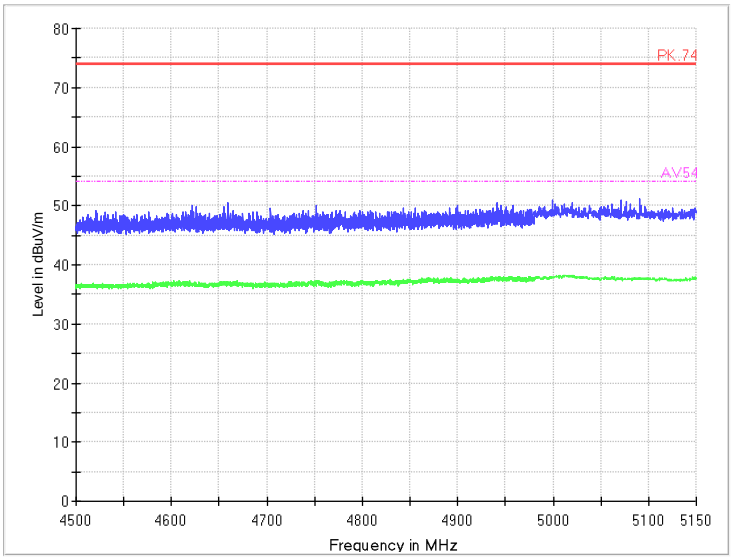
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization：V



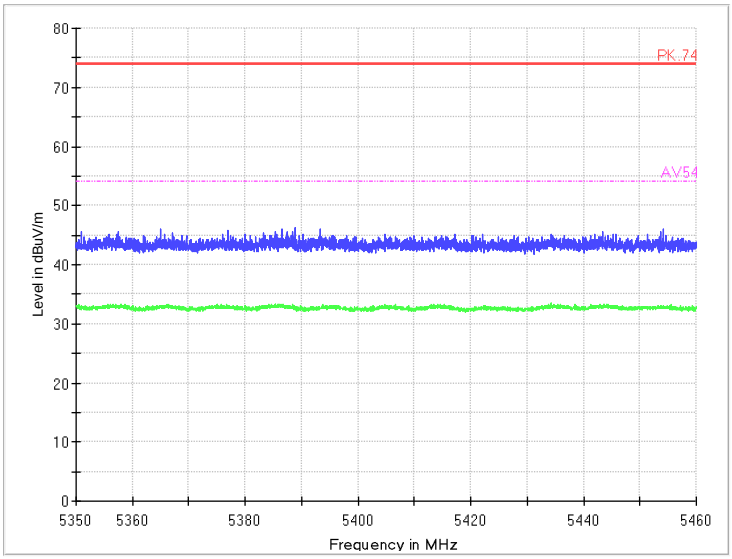
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization：H



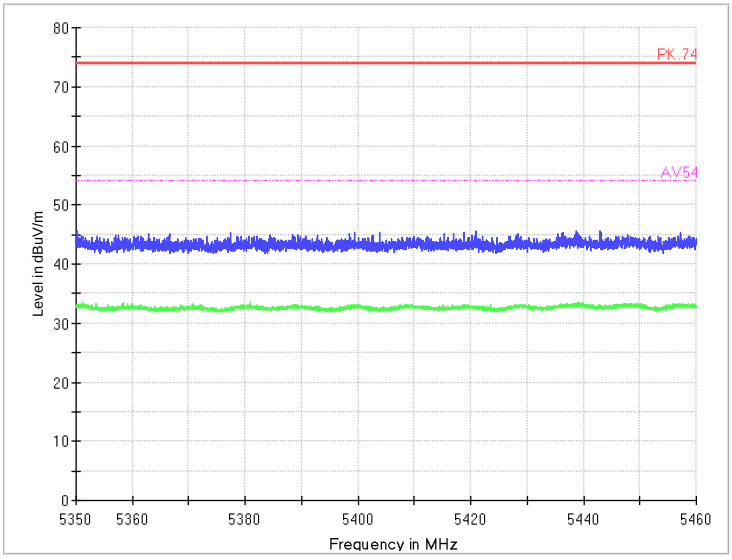
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ax
Polarization：V



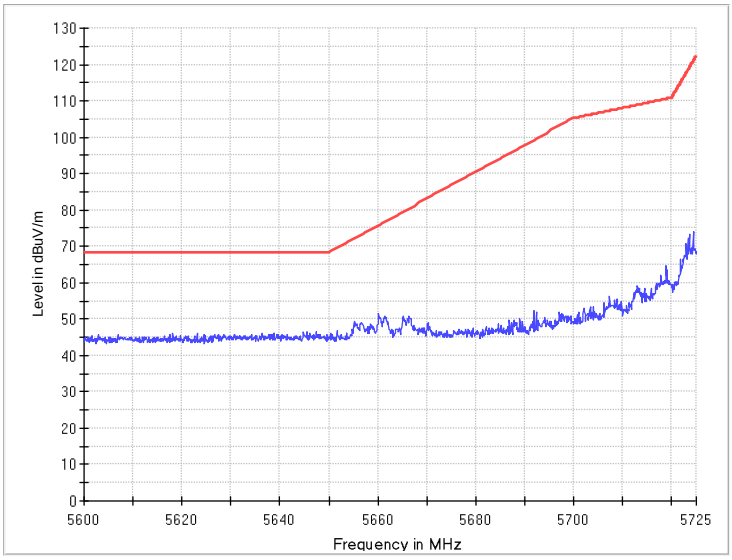
Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11ax
Polarization：H



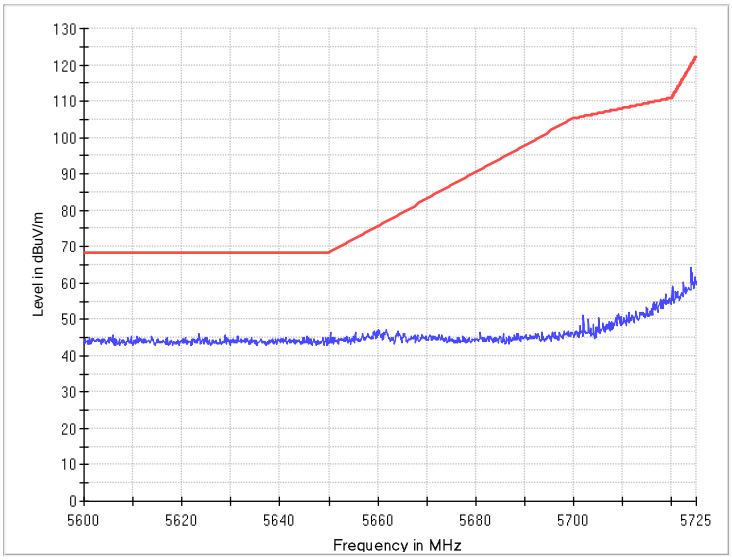
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ax
Polarization：V



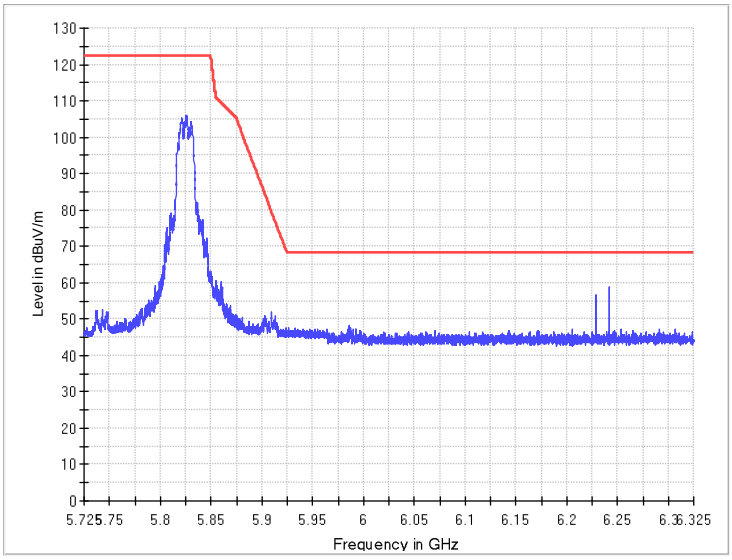
Radiated Emission Band Edge
Channel No.:48
Test Mode: 802.11ax
Polarization：H



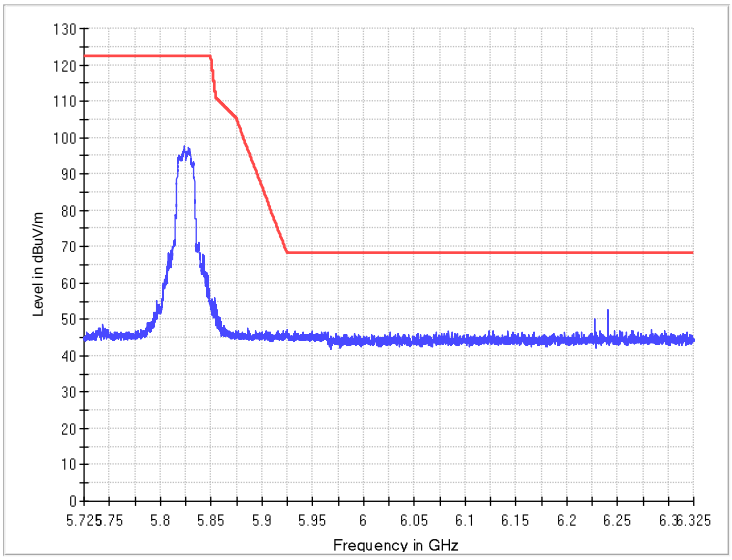
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11ax
Polarization：V



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

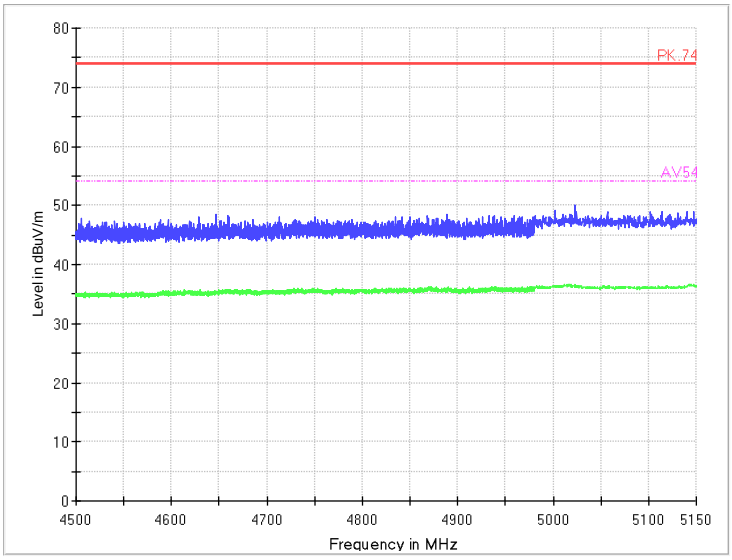


Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ax
Polarization：V

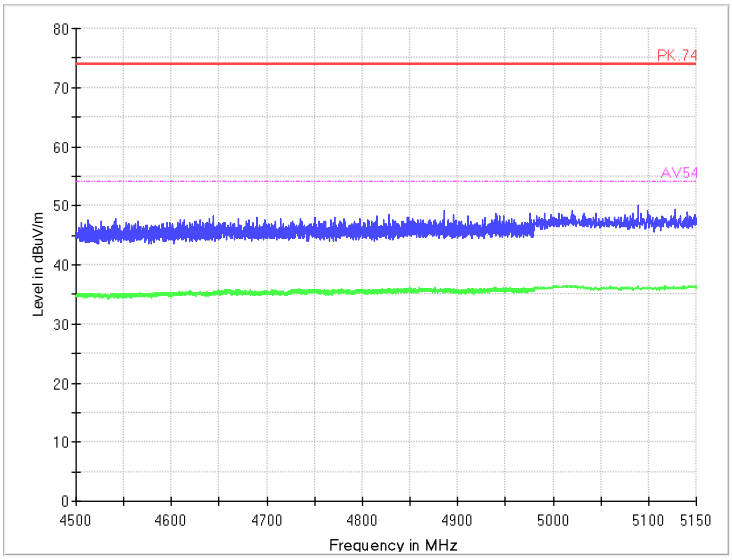


Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ax
Polarization：H

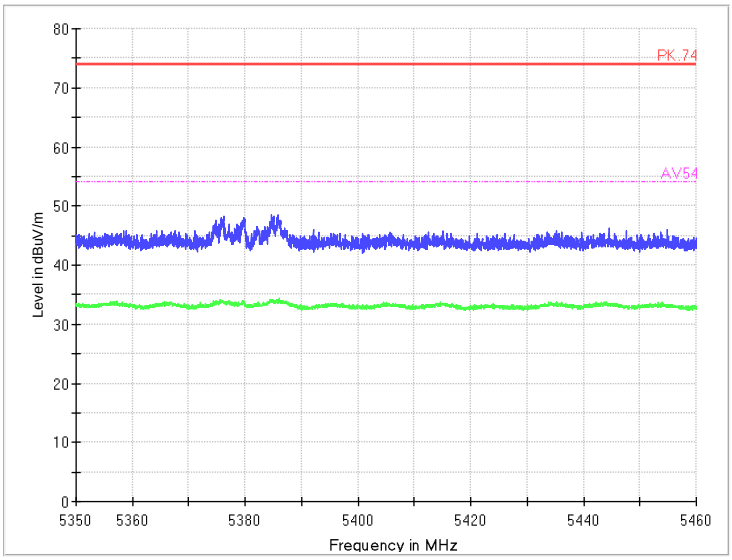
40M



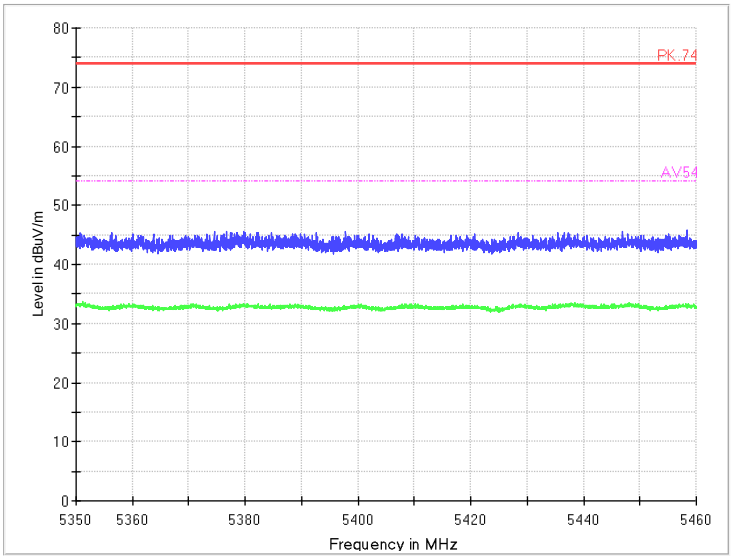
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11n
Polarization：V



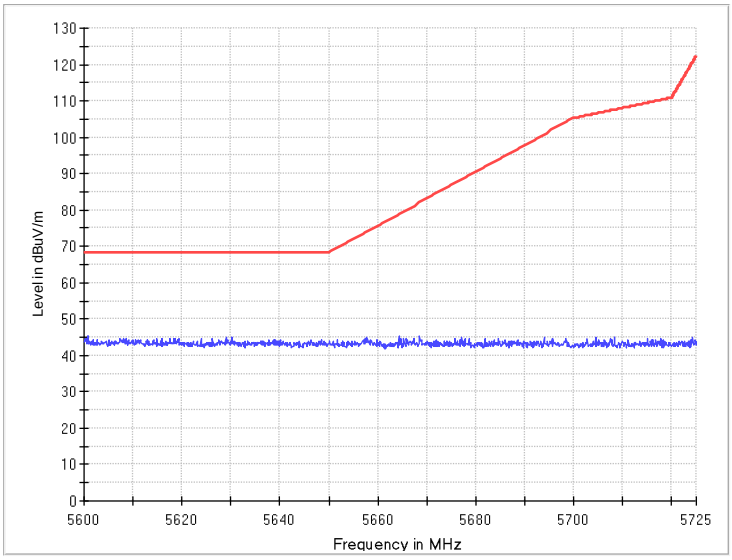
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11n
Polarization：H



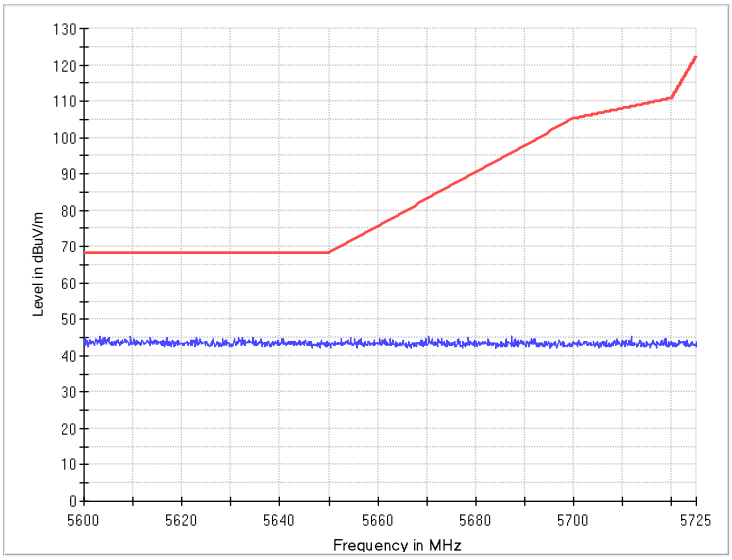
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11n
Polarization：V



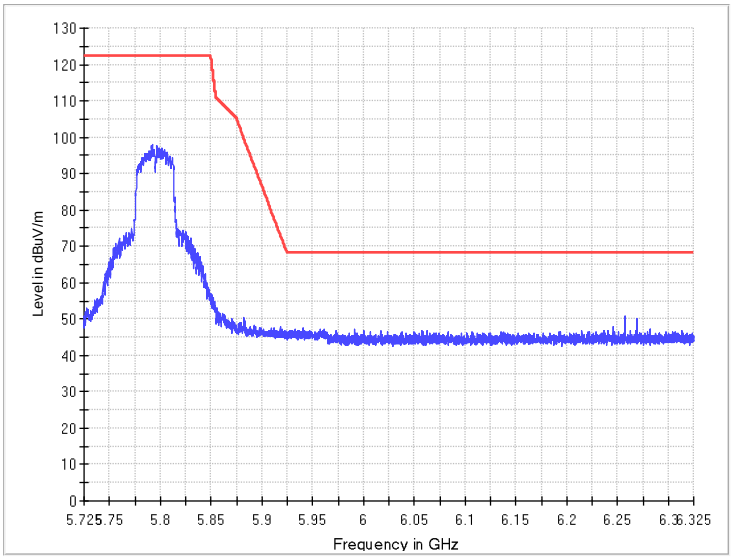
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11n
Polarization：H



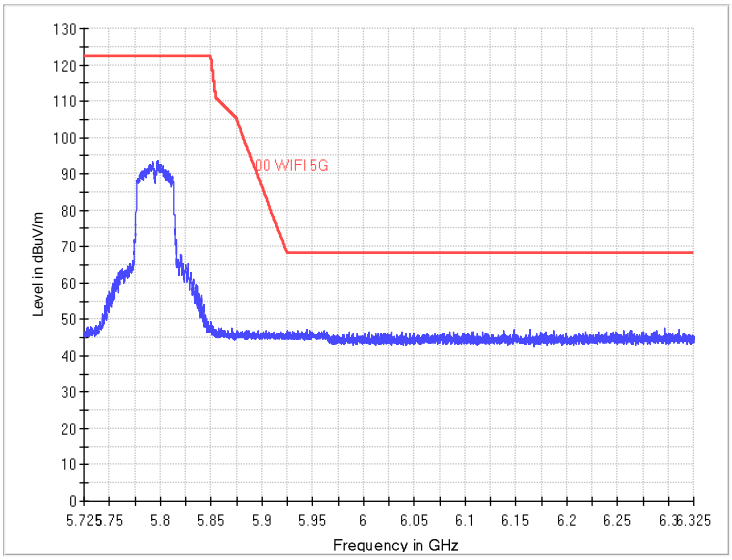
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11n
Polarization：V



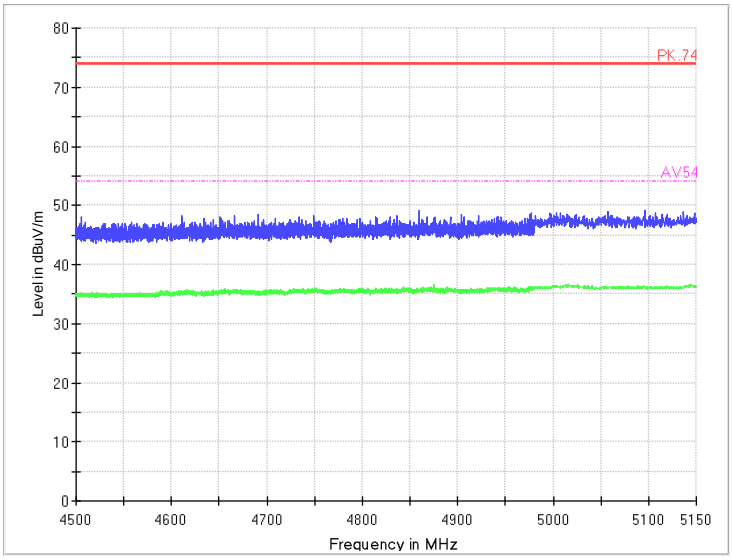
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11n
Polarization：H



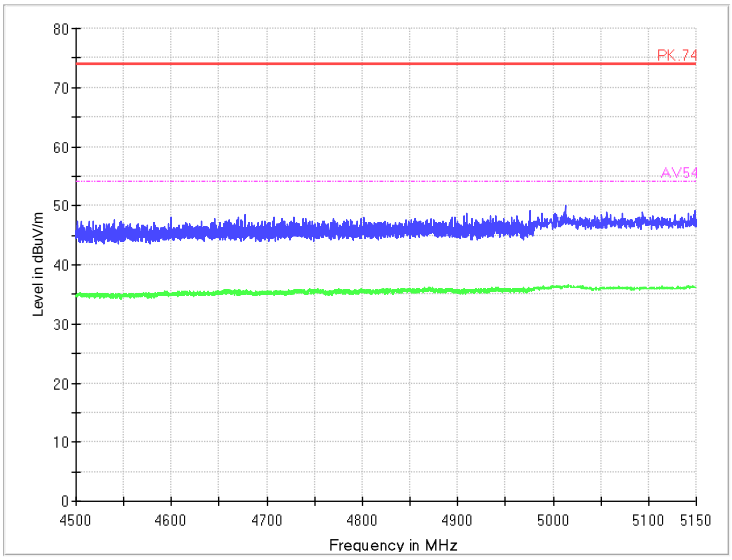
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization：V



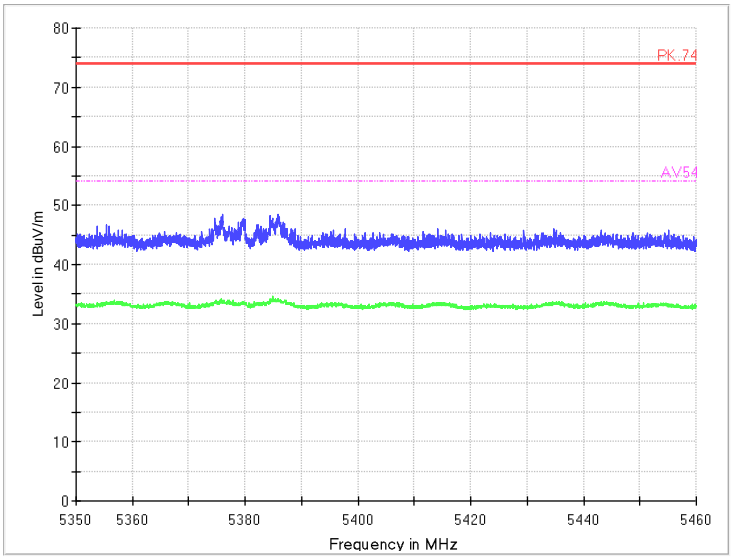
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization：H



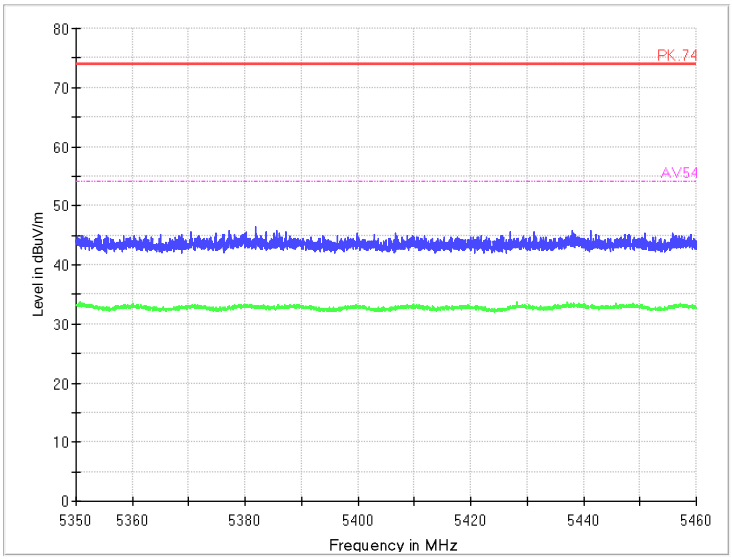
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ac
Polarization：V



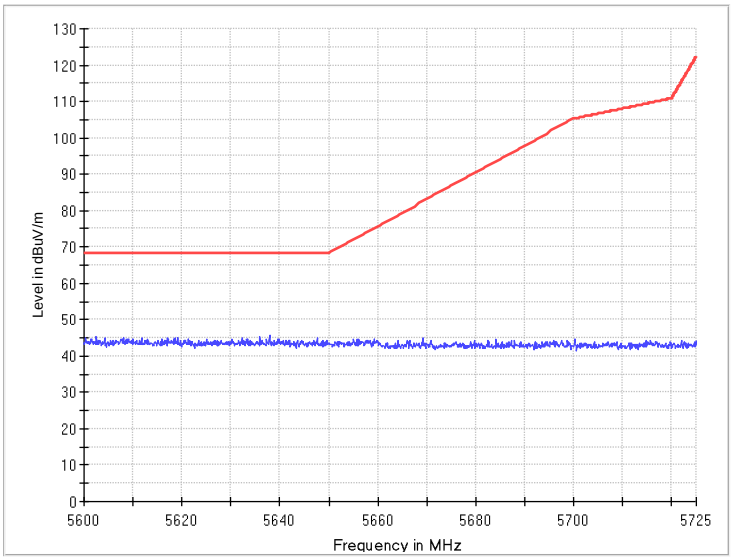
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ac
Polarization：H



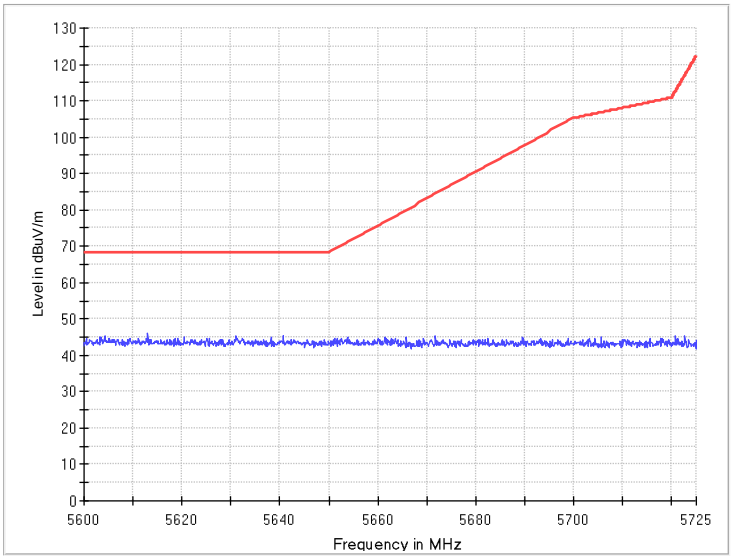
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ac
Polarization：V



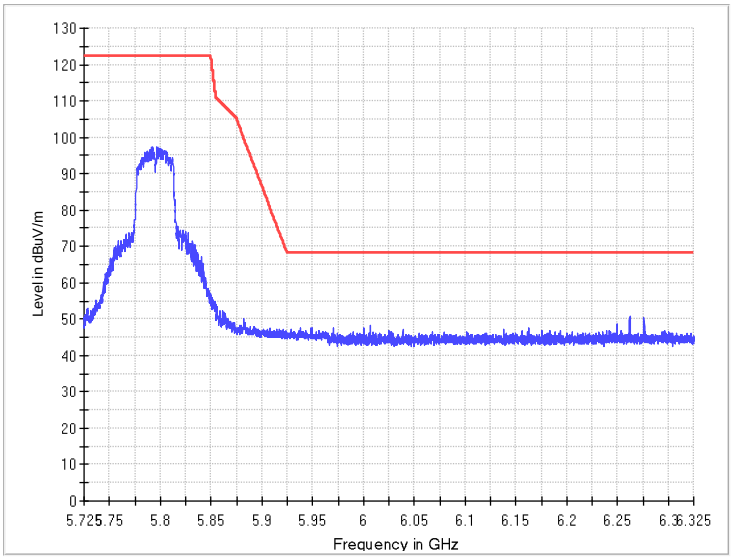
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ac
Polarization：H



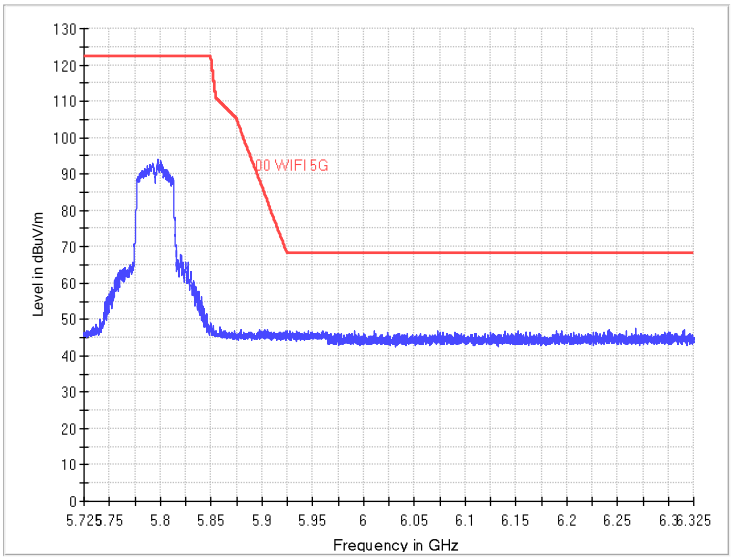
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11ac
Polarization：V



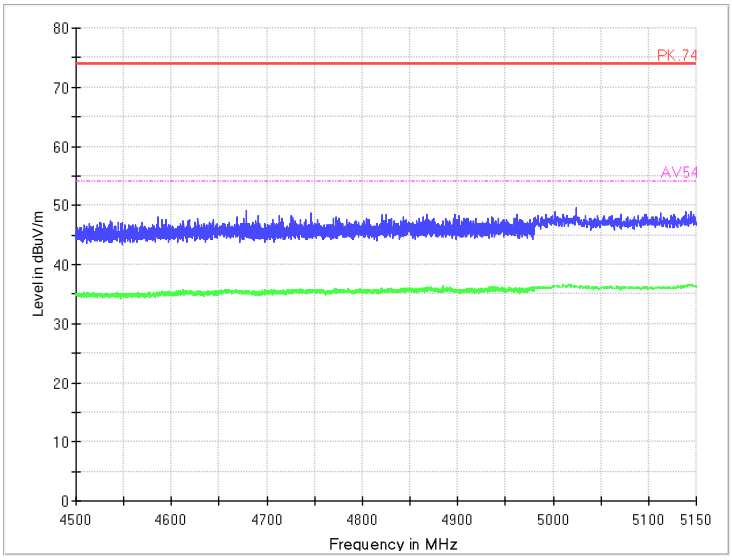
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11ac
Polarization：H



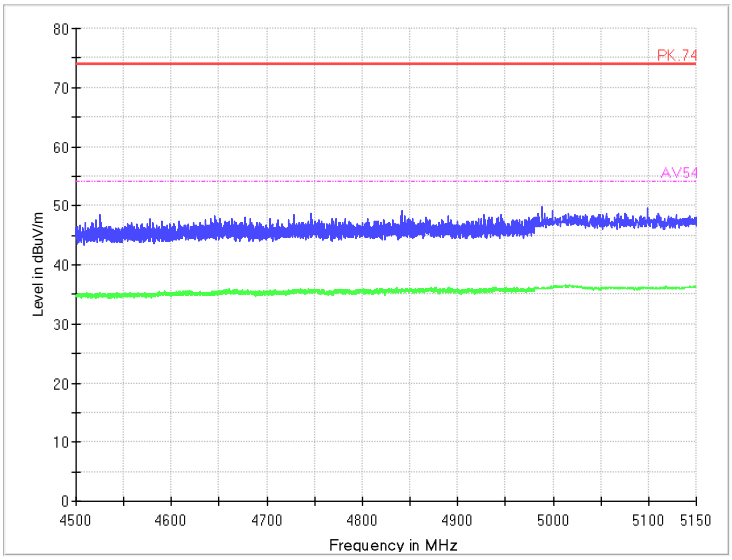
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization：V



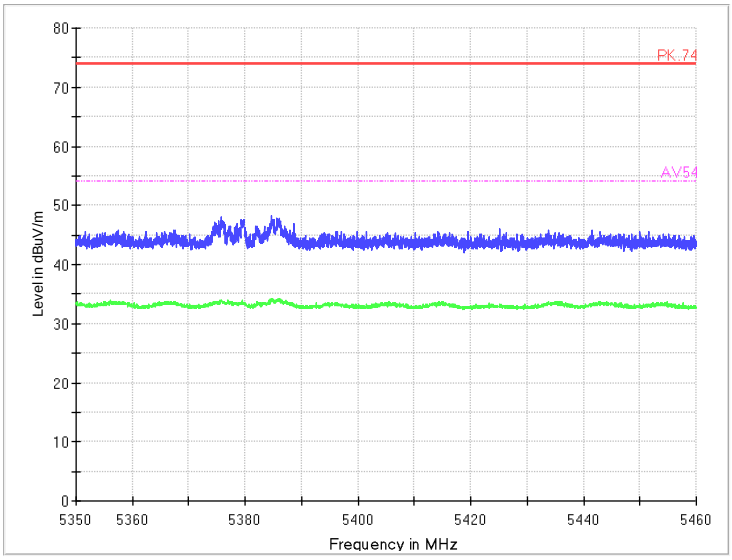
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization：H



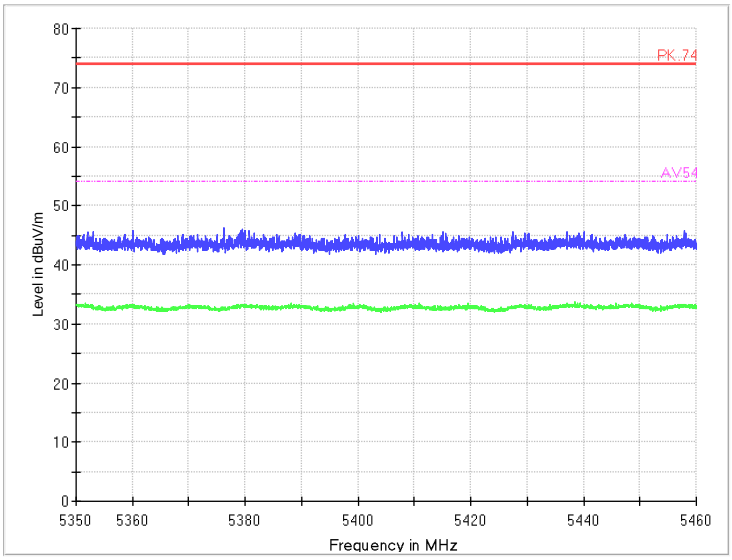
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ax
Polarization：V



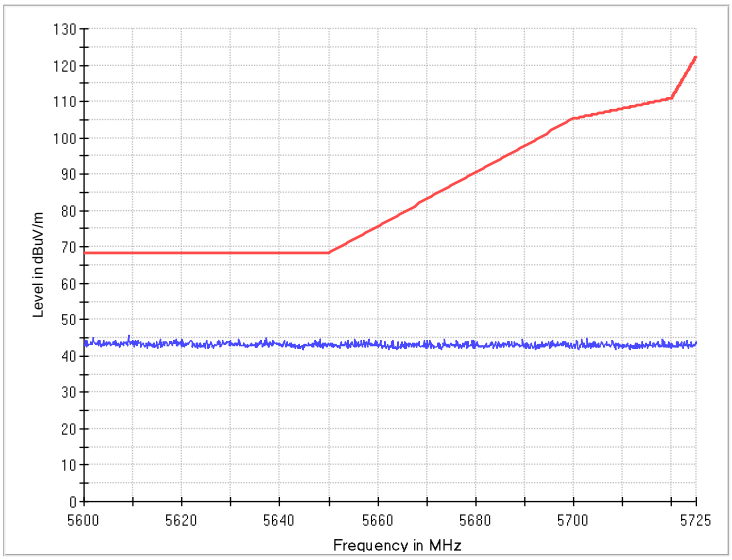
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ax
Polarization：H



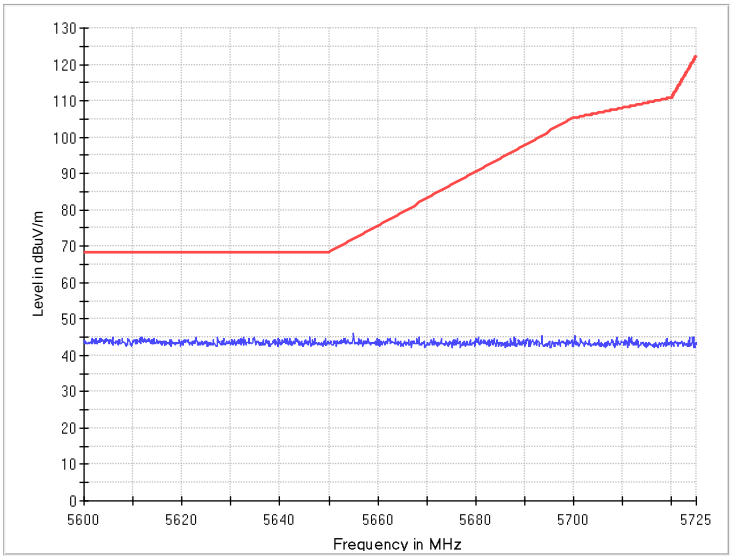
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ax
Polarization：V



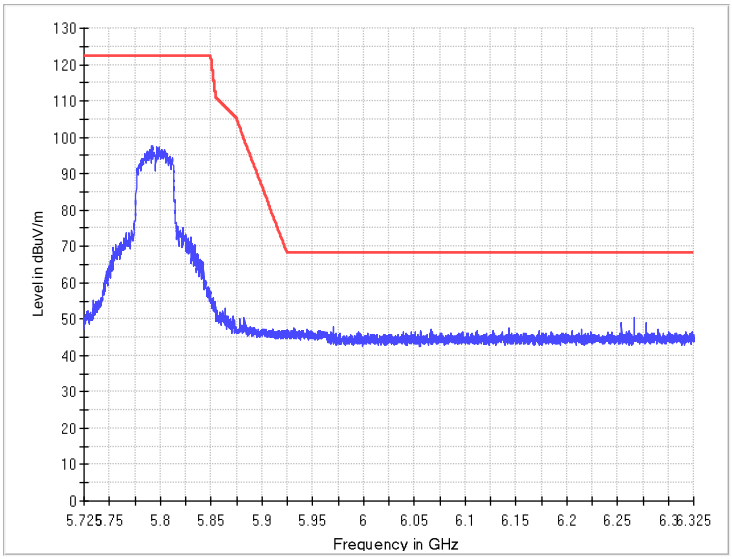
Radiated Emission Band Edge
Channel No.:46
Test Mode: 802.11ax
Polarization：H



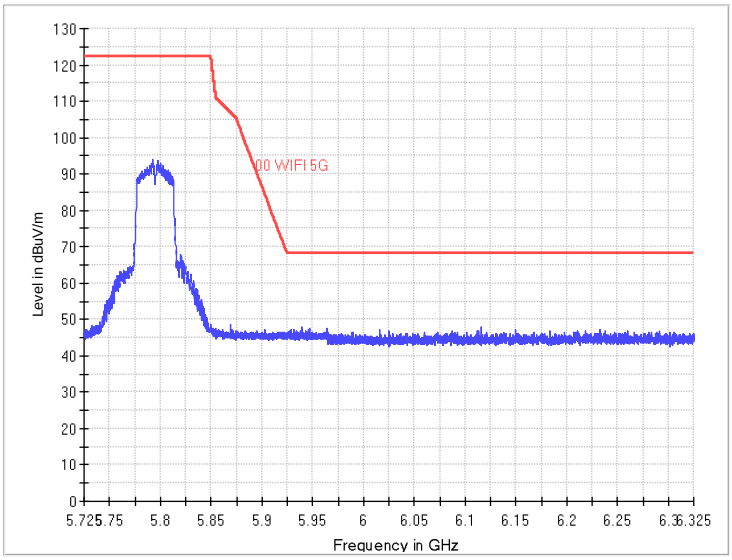
Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11ax
Polarization：V



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

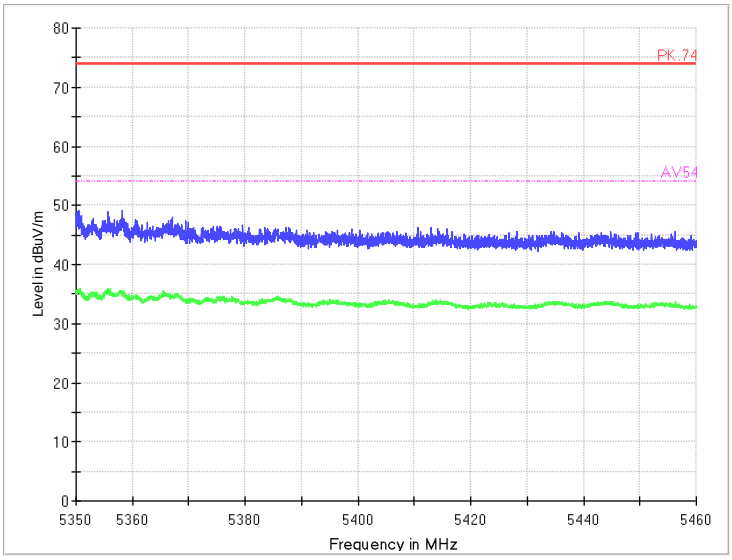


Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ax
Polarization：V

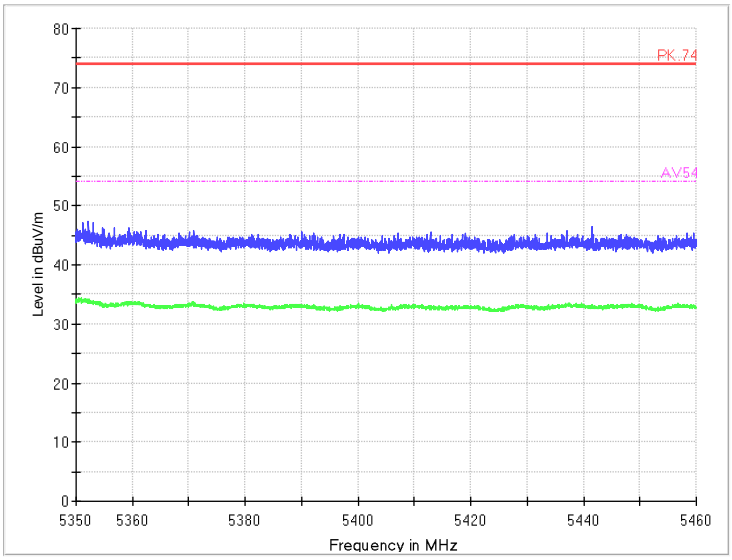


Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ax
Polarization：H

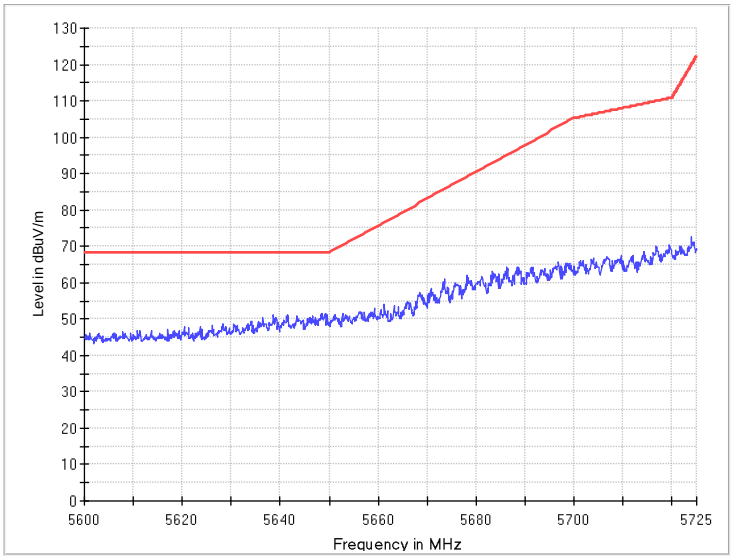
80M



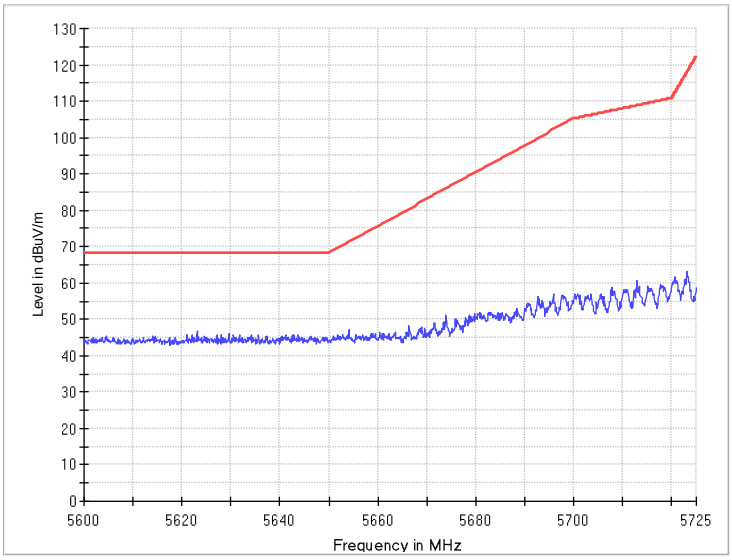
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ac
Polarization：V



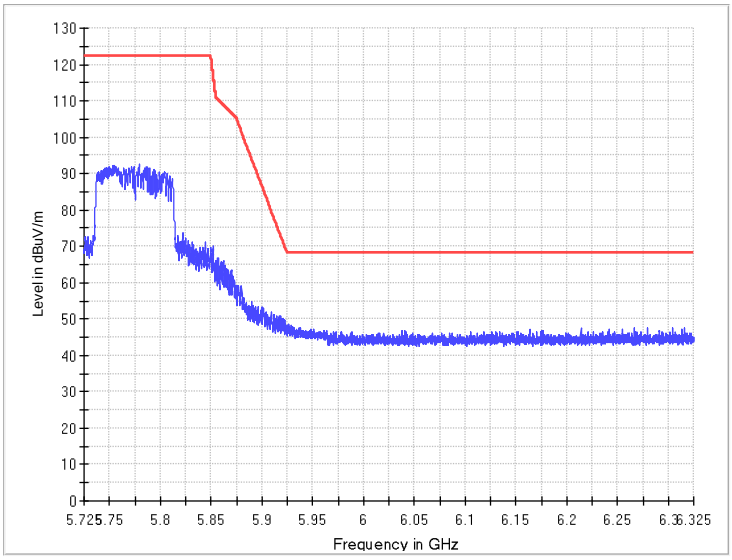
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ac
Polarization：H



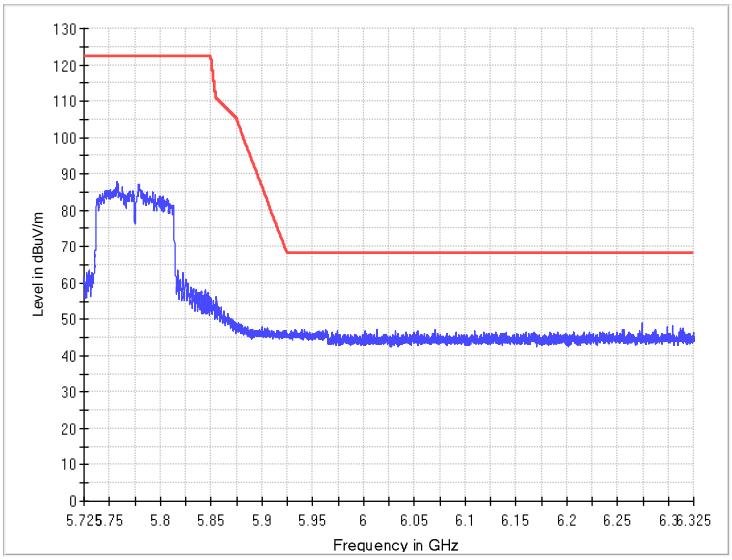
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization：V



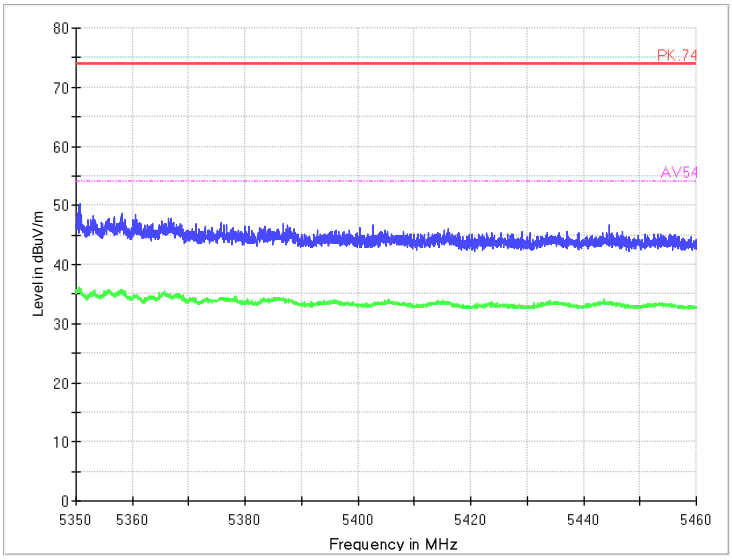
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization：H



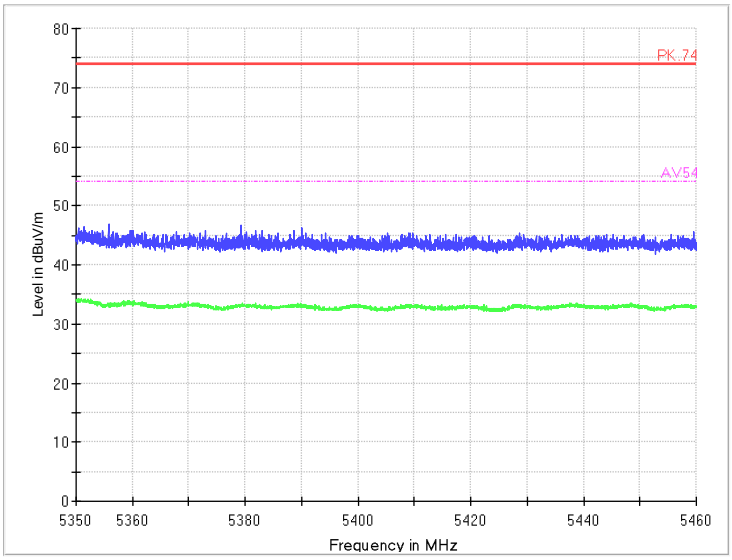
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization：V



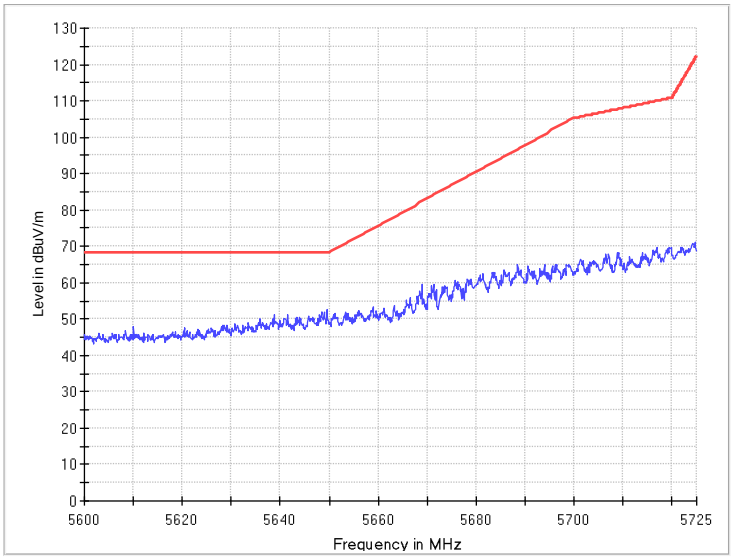
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization：H



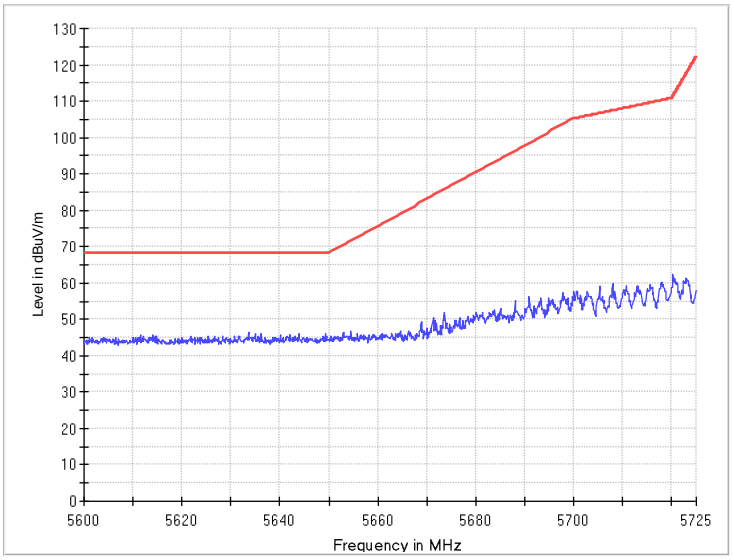
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ax
Polarization：V



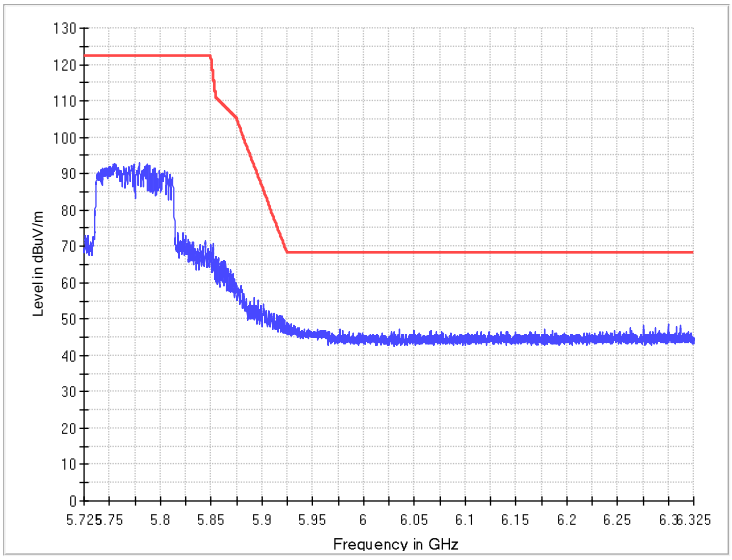
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ax
Polarization：H



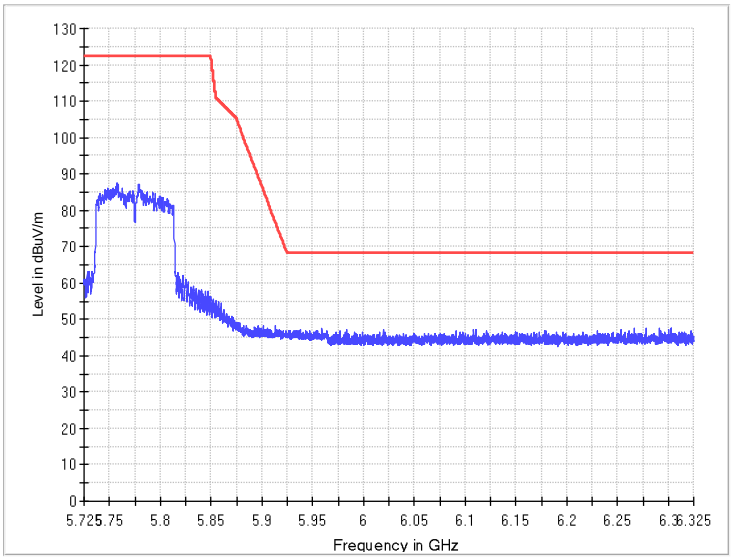
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ax
Polarization：V



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



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



Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ax
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: (17.4dBμV/m) = (32.9dBμV) + (-15.5dB/m), the corresponding frequency is 47.945MHz.

For 802.11aChannel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.945	17.4	-15.5	32.9	Vertical	40	22.6
53.9105	18.07	-15.6	33.67	Vertical	40	21.93
119.1915	18.45	-19	37.45	Vertical	43.5	25.05
199.459	9.04	-16.6	25.64	Vertical	43.5	34.46
527.028	13.81	-8.7	22.51	Vertical	46	32.19
941.703	18.7	-1.9	20.6	Vertical	46	27.3

For 802.11n(HT20)Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.8295	19.49	-15.7	35.19	Vertical	40	20.51
55.123	16.38	-15.7	32.08	Vertical	40	23.62
117.3	16.17	-18.7	34.87	Vertical	43.5	27.33
194.706	15.73	-16.8	32.53	Vertical	43.5	27.77
500.0135	22.69	-9.3	31.99	Vertical	46	23.31
923.952	18.72	-1.8	20.52	Vertical	46	27.28

For 802.11ac(VHT20)Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.624	17.7	-15.4	33.1	Vertical	40	22.3
54.0075	18.03	-15.6	33.63	Vertical	40	21.97
146.2545	18.27	-20.8	39.07	Vertical	43.5	25.23
214.3	9.46	-17	26.46	Vertical	43.5	34.04
521.1595	13.74	-8.8	22.54	Vertical	46	32.26
886.7525	18.33	-2.4	20.73	Vertical	46	27.67

For 802.11ax(HE20)Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.663	20.31	-17.7	38.01	Vertical	40	19.69

55.511	16.82	-15.7	32.52	Vertical	40	23.18
118.852	16.61	-18.9	35.51	Vertical	43.5	26.89
175.694	15.62	-19.3	34.92	Vertical	43.5	27.88
500.0135	22.94	-9.3	32.24	Vertical	46	23.06
574.364	20.97	-7.9	28.87	Vertical	46	25.03

For 802.11aChannel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.5085	20.63	-15.6	36.23	Vertical	40	19.37
56.772	15.37	-15.8	31.17	Vertical	40	24.63
119.531	17.16	-19	36.16	Vertical	43.5	26.34
196.4035	16.17	-16.5	32.67	Vertical	43.5	27.33
500.0135	22.88	-9.3	32.18	Vertical	46	23.12
872.736	18.34	-2.4	20.74	Vertical	46	27.66

For 802.11n(HT20)Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.4205	19.62	-17.8	37.42	Vertical	40	20.38
55.123	16.72	-15.7	32.42	Vertical	40	23.28
116.912	16.45	-18.6	35.05	Vertical	43.5	27.05
174.433	14.87	-19.4	34.27	Vertical	43.5	28.63
525.282	27.45	-8.7	36.15	Vertical	46	18.55
941.509	18.63	-1.9	20.53	Vertical	46	27.37

For 802.11ac(VHT20)Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.2175	20.91	-15.6	36.51	Vertical	40	19.09
55.3655	16.41	-15.7	32.11	Vertical	40	23.59
118.5125	17.48	-18.9	36.38	Vertical	43.5	26.02
175.2575	15.71	-19.3	35.01	Vertical	43.5	27.79
545.1185	20.54	-8.4	28.94	Vertical	46	25.46
912.991	18.56	-2.1	20.66	Vertical	46	27.44

For 802.11ax(HE20)Channel No.:40

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.751	19.82	-15.5	35.32	Vertical	40	20.18
55.6565	17.01	-15.7	32.71	Vertical	40	22.99
118.3185	17.41	-18.9	36.31	Vertical	43.5	26.09
196.452	16.2	-16.5	32.7	Vertical	43.5	27.3
500.0135	22.94	-9.3	32.24	Vertical	46	23.06

558.6985	20.86	-8.1	28.96	Vertical	46	25.14

For 802.11aChannel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.633	20.42	-17.4	37.82	Vertical	40	19.58
55.802	16.89	-15.7	32.59	Vertical	40	23.11
108.8125	11.13	-17.4	28.53	Vertical	43.5	32.37
196.0155	16.52	-16.5	33.02	Vertical	43.5	26.98
546.5735	20.14	-8.4	28.54	Vertical	46	25.86
936.2225	18.86	-1.8	20.66	Vertical	46	27.14

For 802.11n(HT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.721	17.81	-15.4	33.21	Vertical	40	22.19
55.2685	17.6	-15.7	33.3	Vertical	40	22.4
117.882	18.29	-18.8	37.09	Vertical	43.5	25.21
197.034	9.65	-16.5	26.15	Vertical	43.5	33.85
535.1275	14.03	-8.6	22.63	Vertical	46	31.97
922.012	18.87	-1.7	20.57	Vertical	46	27.13

For 802.11ac(VHT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.7165	17.79	-15.6	33.39	Vertical	40	22.21
56.3355	16.8	-15.8	32.6	Vertical	40	23.2
145.9635	18.24	-20.7	38.94	Vertical	43.5	25.26
178.701	9.69	-19	28.69	Vertical	43.5	33.81
531.102	13.74	-8.7	22.44	Vertical	46	32.27
868.8075	18.09	-2.4	20.49	Vertical	46	27.91

For 802.11ax(HE20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
46.975	20.29	-15.7	35.99	Vertical	40	19.71
57.4025	15	-15.9	30.9	Vertical	40	25
164.539	15.7	-19.8	35.5	Vertical	43.5	27.8
195.4335	16.4	-16.7	33.1	Vertical	43.5	27.1
500.0135	22.99	-9.3	32.29	Vertical	46	23.01
577.6135	21.32	-7.8	29.12	Vertical	46	24.68

For 802.11n(HT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.654	16.99	-15.5	32.49	Vertical	40	23.01
56.0445	16.93	-15.7	32.63	Vertical	40	23.07
119.9675	19.22	-19	38.22	Vertical	43.5	24.28
179.962	9.96	-18.9	28.86	Vertical	43.5	33.54
519.171	13.73	-8.8	22.53	Vertical	46	32.27
935.1555	18.8	-1.8	20.6	Vertical	46	27.2

For 802.11ac(VHT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.8135	18.02	-15.6	33.62	Vertical	40	21.98
53.862	18.04	-15.6	33.64	Vertical	40	21.96
119.822	18.66	-19	37.66	Vertical	43.5	24.84
212.263	9.06	-17.1	26.16	Vertical	43.5	34.44
552.733	24.29	-8.2	32.49	Vertical	46	21.71
923.1275	18.87	-1.7	20.57	Vertical	46	27.13

For 802.11ax(HE40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
40.0395	19.21	-16.9	36.11	Vertical	40	20.79
54.0075	16.11	-15.6	31.71	Vertical	40	23.89
169.1465	16.61	-19.6	36.21	Vertical	43.5	26.89
176.4215	15.62	-19.3	34.92	Vertical	43.5	27.88
500.0135	22.8	-9.3	32.1	Vertical	46	23.2
938.8415	18.73	-1.8	20.53	Vertical	46	27.27

For 802.11n(HT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.3905	20.33	-17.5	37.83	Vertical	40	19.67
55.511	16.98	-15.7	32.68	Vertical	40	23.02
170.5045	16.2	-19.5	35.7	Vertical	43.5	27.3
193.93	16.37	-17	33.37	Vertical	43.5	27.13
500.0135	23.15	-9.3	32.45	Vertical	46	22.85
572.812	21.21	-8	29.21	Vertical	46	24.79

For 802.11ac(VHT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.0025	15.8	-17.6	33.4	Vertical	40	24.2
55.317	14.87	-15.7	30.57	Vertical	40	25.13

119.3855	15.74	-19	34.74	Vertical	43.5	27.76
196.355	15.29	-16.5	31.79	Vertical	43.5	28.21
500.0135	21.83	-9.3	31.13	Vertical	46	24.17
943.7885	17.6	-2	19.6	Vertical	46	28.4

For 802.11ax(HE40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.474	17.4	-15.5	32.9	Vertical	40	22.6
55.511	17.94	-15.7	33.64	Vertical	40	22.06
119.531	18.66	-19	37.66	Vertical	43.5	24.84
195.8215	9.39	-16.6	25.99	Vertical	43.5	34.11
508.404	13.03	-9.1	22.13	Vertical	46	32.97
919.49	18.94	-1.8	20.74	Vertical	46	27.06

For 802.11ac(VHT80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
49.1575	17.04	-15.4	32.44	Vertical	40	22.96
53.862	17.99	-15.6	33.59	Vertical	40	22.01
117.8335	18.17	-18.8	36.97	Vertical	43.5	25.33
179.4285	9.57	-18.9	28.47	Vertical	43.5	33.93
553.315	13.75	-8.1	21.85	Vertical	46	32.25
932.0515	18.97	-1.7	20.67	Vertical	46	27.03

For 802.11ax(HE80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.765	17.89	-15.6	33.49	Vertical	40	22.11
55.1715	17.76	-15.7	33.46	Vertical	40	22.24
128.9885	18.58	-20.2	38.78	Vertical	43.5	24.92
179.2345	10.11	-19	29.11	Vertical	43.5	33.39
536.4855	14.02	-8.6	22.62	Vertical	46	31.98
921.4785	18.96	-1.7	20.66	Vertical	46	27.04

For 802.11aChannel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.363	2.28	-15.6	17.88	Vertical	40	37.72
56.287	-2.01	-15.8	13.79	Vertical	40	42.01
117.3485	6.71	-18.7	25.41	Vertical	43.5	36.79
195.676	7.57	-16.6	24.17	Vertical	43.5	35.93
500.0135	20.34	-9.3	29.64	Vertical	46	25.66
574.2185	18.93	-7.9	26.83	Vertical	46	27.07

For 802.11n(HT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.527	17.69	-15.4	33.09	Vertical	40	22.31
55.511	18.11	-15.7	33.81	Vertical	40	21.89
128.9885	18.6	-20.2	38.8	Vertical	43.5	24.9
188.4495	9.12	-17.9	27.02	Vertical	43.5	34.38
524.312	13.72	-8.7	22.42	Vertical	46	32.28
932.391	18.96	-1.7	20.66	Vertical	46	27.04

For 802.11ac(VHT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.76	20.6	-17.7	38.3	Vertical	40	19.4
54.25	16.75	-15.6	32.35	Vertical	40	23.25
120.2585	16.77	-19	35.77	Vertical	43.5	26.73
196.7915	16.61	-16.5	33.11	Vertical	43.5	26.89
500.0135	23.08	-9.3	32.38	Vertical	46	22.92
558.5045	25.68	-8.1	33.78	Vertical	46	20.32

For 802.11ax(HE20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.266	20.89	-15.6	36.49	Vertical	40	19.11
55.8505	16.72	-15.7	32.42	Vertical	40	23.28
119.4825	17.14	-19	36.14	Vertical	43.5	26.36
195.094	16.27	-16.7	32.97	Vertical	43.5	27.23
500.0135	23.06	-9.3	32.36	Vertical	46	22.94
921.527	18.98	-1.7	20.68	Vertical	46	27.02

For 802.11aChannel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.8135	17.96	-15.6	33.56	Vertical	40	22.04
54.1045	17.93	-15.6	33.53	Vertical	40	22.07
120.016	19.37	-19	38.37	Vertical	43.5	24.13
179.671	9.73	-18.9	28.63	Vertical	43.5	33.77
511.605	13.18	-9	22.18	Vertical	46	32.82
918.714	18.87	-1.8	20.67	Vertical	46	27.13

For 802.11n(HT20)Channel No.:157

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

		(dB)	(dBuV/m)		(dBuV/m)	(dB)
49.109	17.55	-15.4	32.95	Vertical	40	22.45
55.9475	18.37	-15.7	34.07	Vertical	40	21.63
119.9675	18.92	-19	37.92	Vertical	43.5	24.58
179.477	10.33	-18.9	29.23	Vertical	43.5	33.17
492.593	12.74	-9.3	22.04	Vertical	46	33.26
948.8325	18.47	-2.1	20.57	Vertical	46	27.53

For 802.11ac(VHT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.363	20.68	-15.6	36.28	Vertical	40	19.32
55.3655	16.73	-15.7	32.43	Vertical	40	23.27
118.076	17.16	-18.9	36.06	Vertical	43.5	26.34
196.84	16.5	-16.5	33	Vertical	43.5	27
542.2085	20.63	-8.6	29.23	Vertical	46	25.37
866.334	18.37	-2.4	20.77	Vertical	46	27.63

For 802.11ax(HE20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.5085	20.53	-15.6	36.13	Vertical	40	19.47
54.8805	16.22	-15.6	31.82	Vertical	40	23.78
117.6395	17.27	-18.8	36.07	Vertical	43.5	26.23
193.0085	15.4	-17.2	32.6	Vertical	43.5	28.1
500.0135	22.94	-9.3	32.24	Vertical	46	23.06
886.025	18.46	-2.4	20.86	Vertical	46	27.54

For 802.11aChannel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
50.6125	16	-15.4	31.4	Vertical	40	24
55.4625	17.76	-15.7	33.46	Vertical	40	22.24
146.594	18.06	-20.8	38.86	Vertical	43.5	25.44
197.4705	9.82	-16.5	26.32	Vertical	43.5	33.68
552.733	24.77	-8.2	32.97	Vertical	46	21.23
936.8045	18.84	-1.8	20.64	Vertical	46	27.16

For 802.11n(HT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.915	18.08	-15.4	33.48	Vertical	40	21.92
53.862	18.04	-15.6	33.64	Vertical	40	21.96
128.94	18.69	-20.2	38.89	Vertical	43.5	24.81

197.3735	9.57	-16.5	26.07	Vertical	43.5	33.93
546.913	13.61	-8.4	22.01	Vertical	46	32.39
892.5725	18.27	-2.5	20.77	Vertical	46	27.73

For 802.11ac(VHT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
51.3885	16.81	-15.4	32.21	Vertical	40	23.19
56.0445	16.42	-15.7	32.12	Vertical	40	23.58
124.963	16.8	-19.8	36.6	Vertical	43.5	26.7
182.6295	8.9	-18.6	27.5	Vertical	43.5	34.6
511.508	13.23	-9	22.23	Vertical	46	32.77
933.7975	18.91	-1.7	20.61	Vertical	46	27.09

For 802.11ax(HE20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
49.2545	15.93	-15.4	31.33	Vertical	40	24.07
55.996	18.58	-15.7	34.28	Vertical	40	21.42
124.963	16.36	-19.8	36.16	Vertical	43.5	27.14
195.676	9.61	-16.6	26.21	Vertical	43.5	33.89
496.279	12.84	-9.2	22.04	Vertical	46	33.16
924.5825	18.86	-1.8	20.66	Vertical	46	27.14

For 802.11n(HT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
53.765	16.18	-15.6	31.78	Vertical	40	23.82
56.5295	18.03	-15.8	33.83	Vertical	40	21.97
119.143	13.03	-19	32.03	Vertical	43.5	30.47
180.4955	9.71	-18.8	28.51	Vertical	43.5	33.79
522.663	13.58	-8.7	22.28	Vertical	46	32.42
930.1115	18.93	-1.6	20.53	Vertical	46	27.07

For 802.11ac(VHT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.7695	17.94	-15.4	33.34	Vertical	40	22.06
55.802	17.98	-15.7	33.68	Vertical	40	22.02
129.9585	17.75	-20.3	38.05	Vertical	43.5	25.75
175.015	10.1	-19.3	29.4	Vertical	43.5	33.4
518.6375	13.67	-8.8	22.47	Vertical	46	32.33
878.362	18.34	-2.3	20.64	Vertical	46	27.66

For 802.11ax(HE40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.0995	19.74	-17.6	37.34	Vertical	40	20.26
55.6565	16.82	-15.7	32.52	Vertical	40	23.18
118.9005	17.31	-18.9	36.21	Vertical	43.5	26.19
195.2395	16.17	-16.7	32.87	Vertical	43.5	27.33
500.0135	22.85	-9.3	32.15	Vertical	46	23.15
574.073	21.12	-7.9	29.02	Vertical	46	24.88

For 802.11n(HT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.4115	20.67	-15.6	36.27	Vertical	40	19.33
55.608	16.92	-15.7	32.62	Vertical	40	23.09
117.397	16.85	-18.7	35.55	Vertical	43.5	26.65
193.5905	15.83	-17.1	32.93	Vertical	43.5	27.67
500.0135	22.87	-9.3	32.17	Vertical	46	23.13
934.6705	18.75	-1.8	20.55	Vertical	46	27.25

For 802.11ac(VHT40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
47.1205	1.69	-15.6	17.29	Vertical	40	38.31
56.7235	-1.06	-15.8	14.74	Vertical	40	41.06
122.3925	5.91	-19.4	25.31	Vertical	43.5	37.59
197.5675	7.65	-16.5	24.15	Vertical	43.5	35.85
500.0135	20.16	-9.3	29.46	Vertical	46	25.84
574.8975	18.94	-7.9	26.84	Vertical	46	27.06

For 802.11ax(HE40)Channel No.:159

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.8665	18.06	-15.4	33.46	Vertical	40	21.94
55.026	17.35	-15.6	32.95	Vertical	40	22.65
145.8665	18.23	-20.7	38.93	Vertical	43.5	25.27
183.1145	8.51	-18.6	27.11	Vertical	43.5	34.99
506.949	12.92	-9.1	22.02	Vertical	46	33.08
924.7765	18.9	-1.8	20.7	Vertical	46	27.1

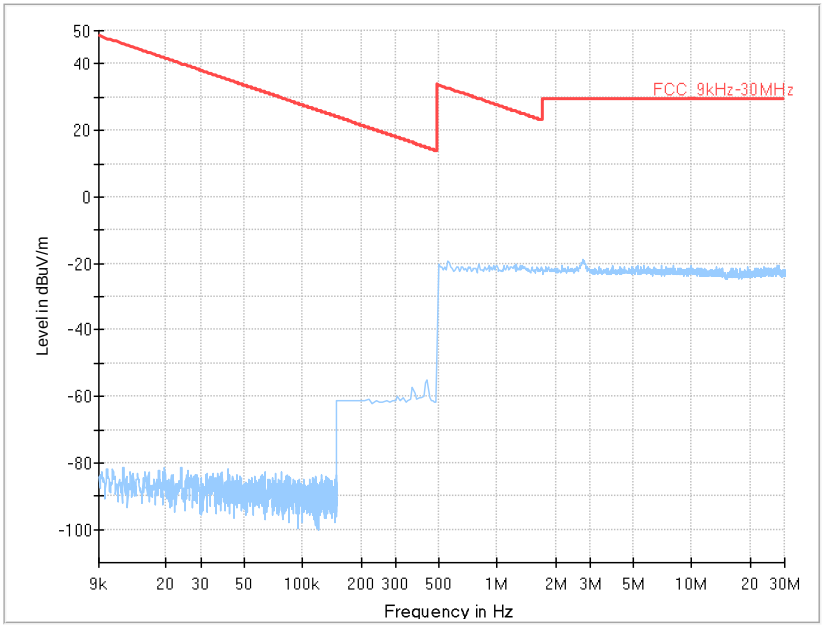
For 802.11ac(VHT80)Channel No.:155

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

48.139	17.5	-15.5	33	Vertical	40	22.5
56.675	16.49	-15.8	32.29	Vertical	40	23.51
118.27	18.4	-18.9	37.3	Vertical	43.5	25.1
211.39	9.03	-17.2	26.23	Vertical	43.5	34.47
534.5455	14.08	-8.6	22.68	Vertical	46	31.92
574.7035	24.53	-7.9	32.43	Vertical	46	21.47

For 802.11ax(HE80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
48.915	17.99	-15.4	33.39	Vertical	40	22.01
54.444	17.12	-15.6	32.72	Vertical	40	22.88
119.6765	18.63	-19	37.63	Vertical	43.5	24.87
188.4495	8.82	-17.9	26.72	Vertical	43.5	34.68
526.834	13.87	-8.7	22.57	Vertical	46	32.13
933.555	18.94	-1.7	20.64	Vertical	46	27.06

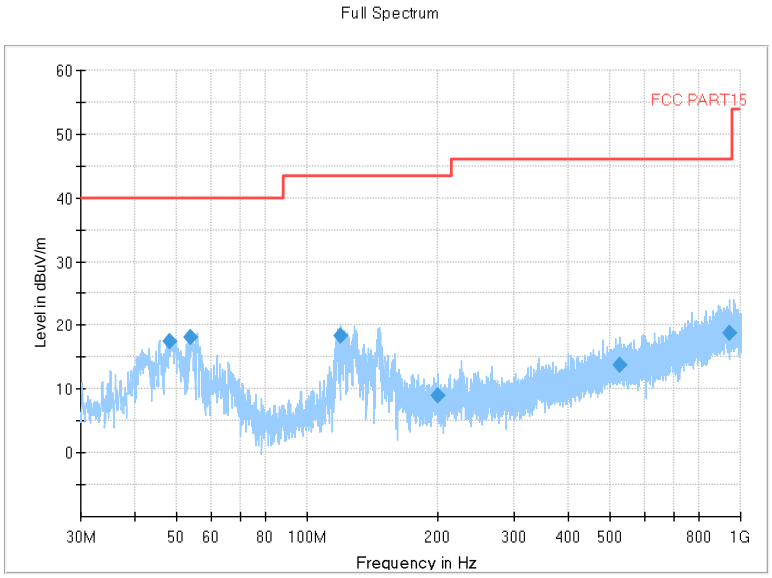


Frequency Range: 9kHz -30MHz
Detector: QP mode

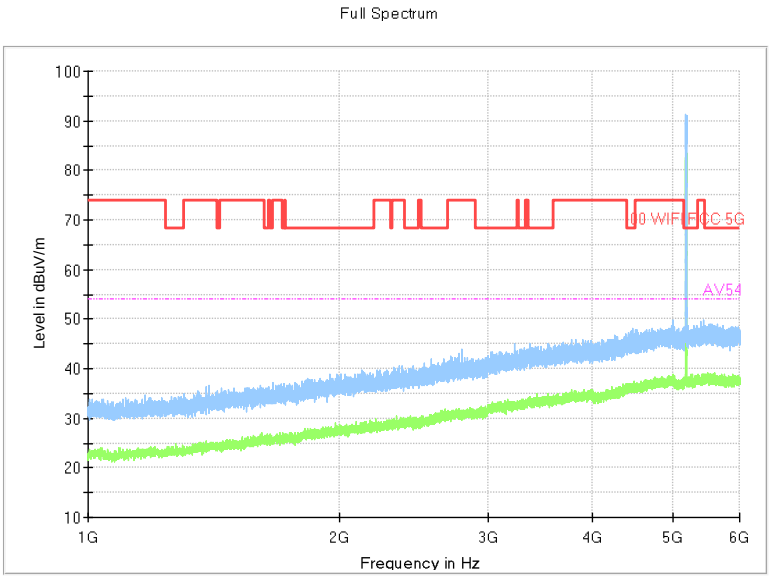
Note：The relevant tests have been performed in order to verify in which mode would have the worstfeatures, the result show above is the worst case.

Carrier frequency (MHz): 5180

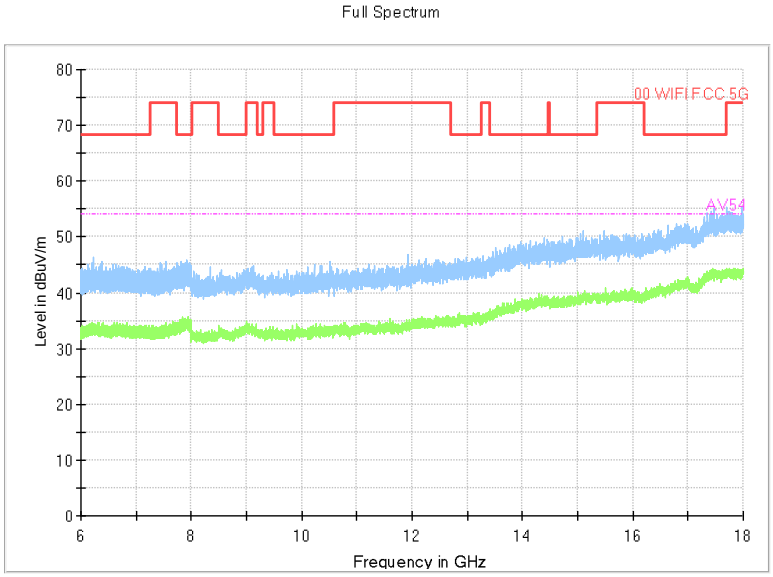
Channel No.:36



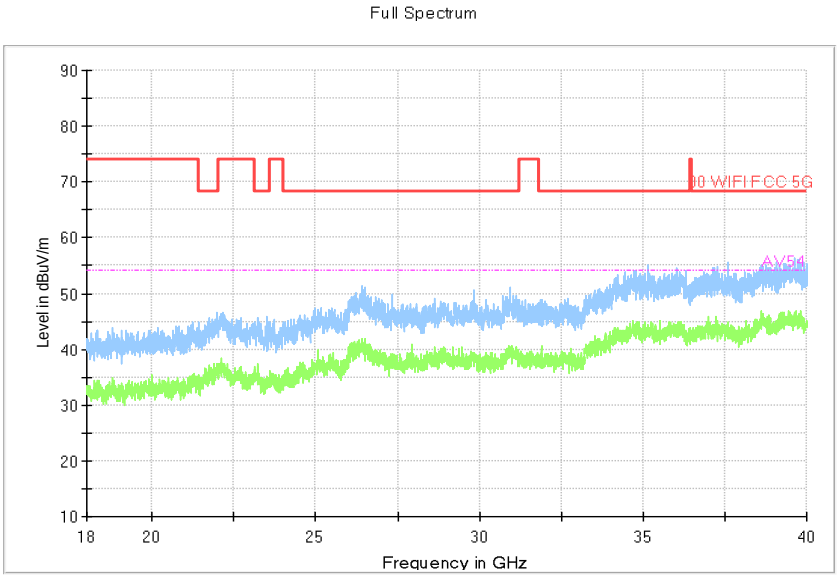
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



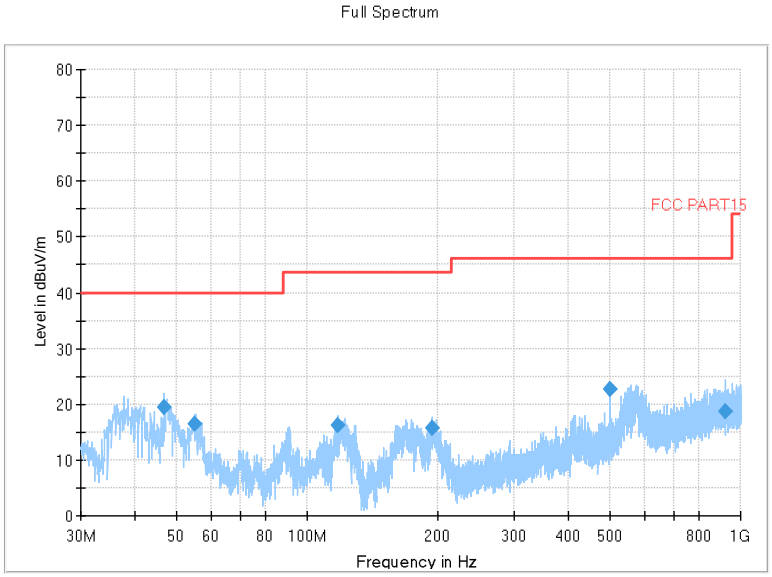
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



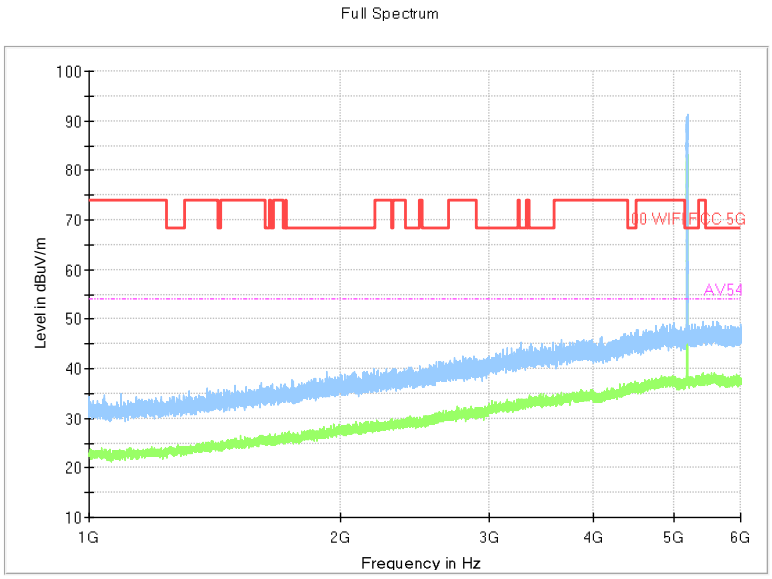
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



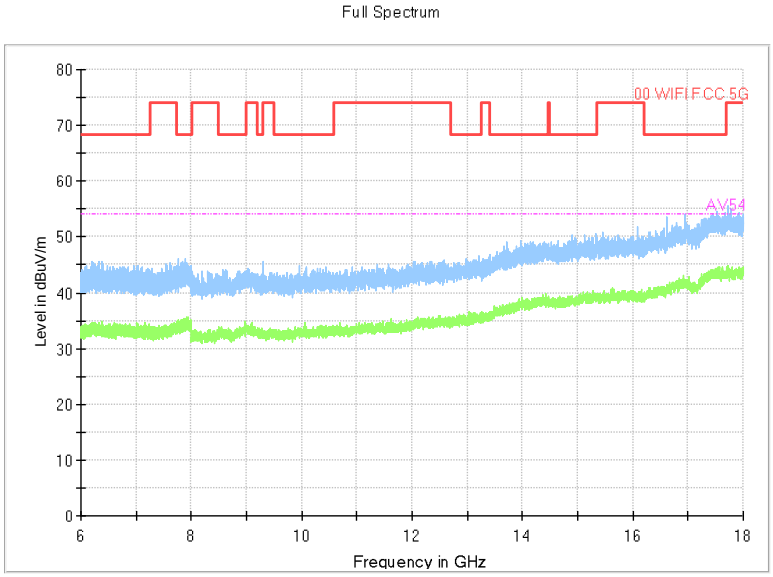
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



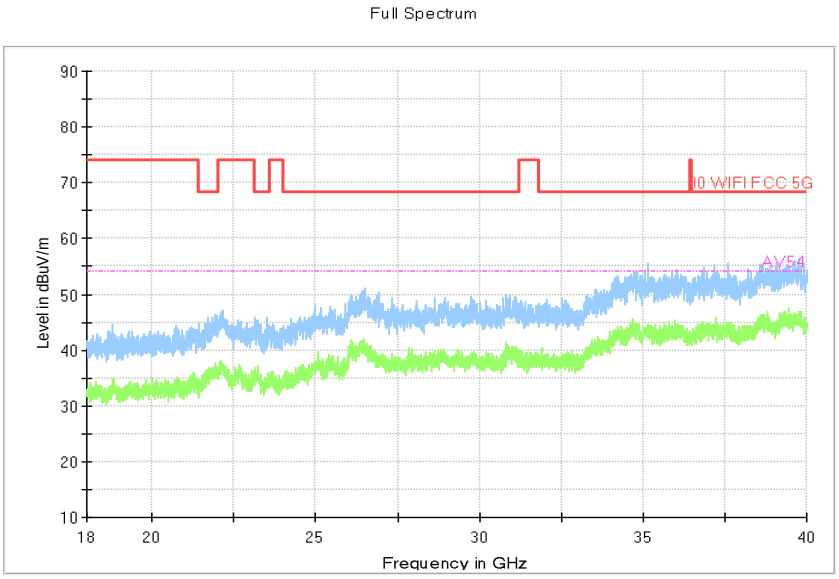
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



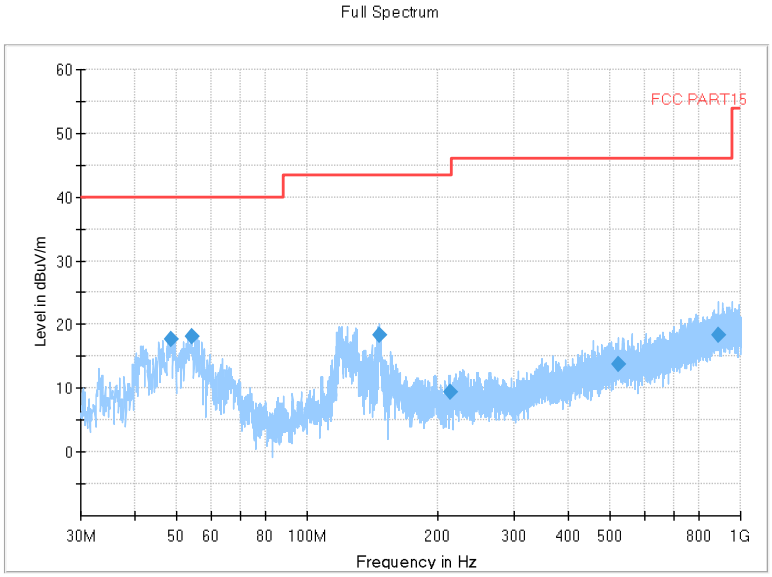
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



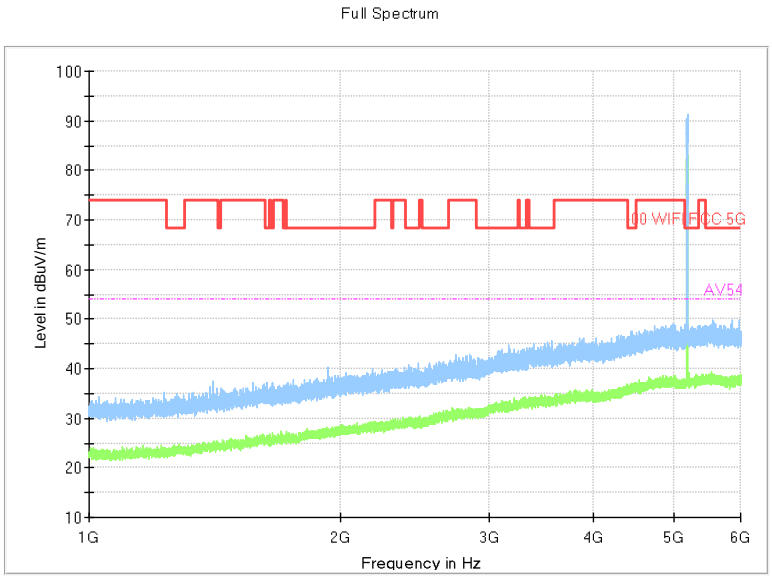
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



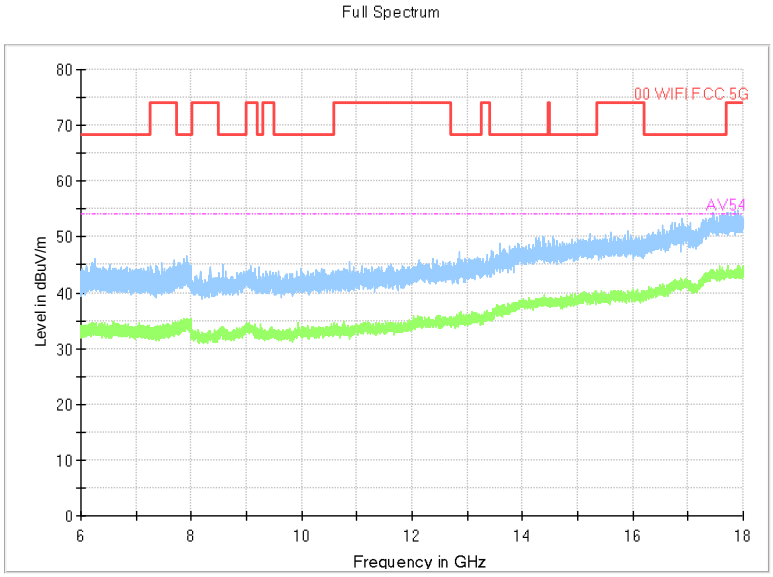
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



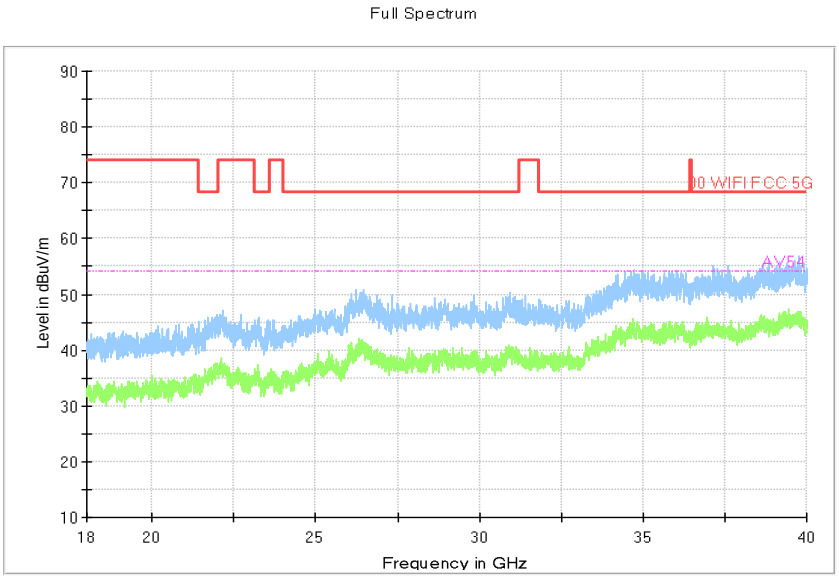
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



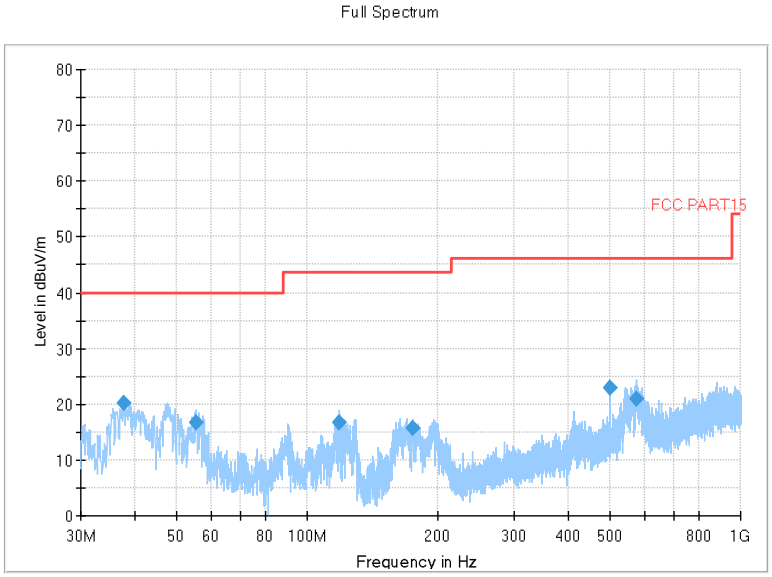
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



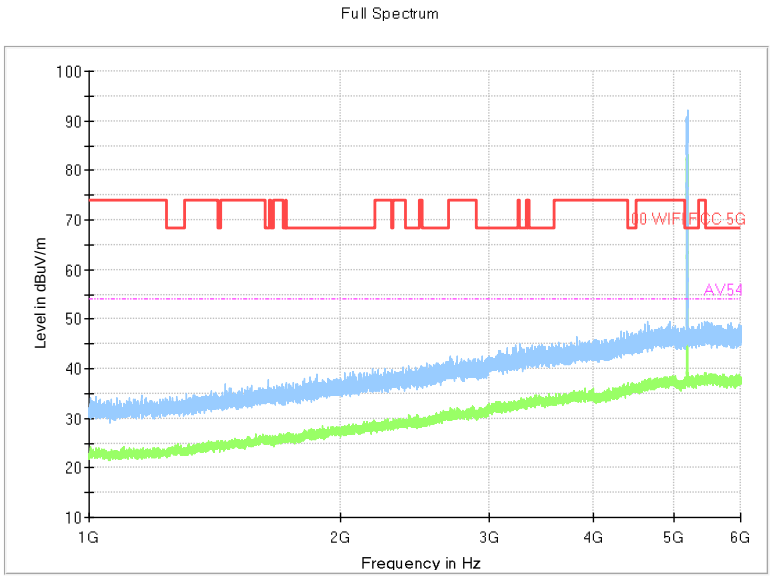
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



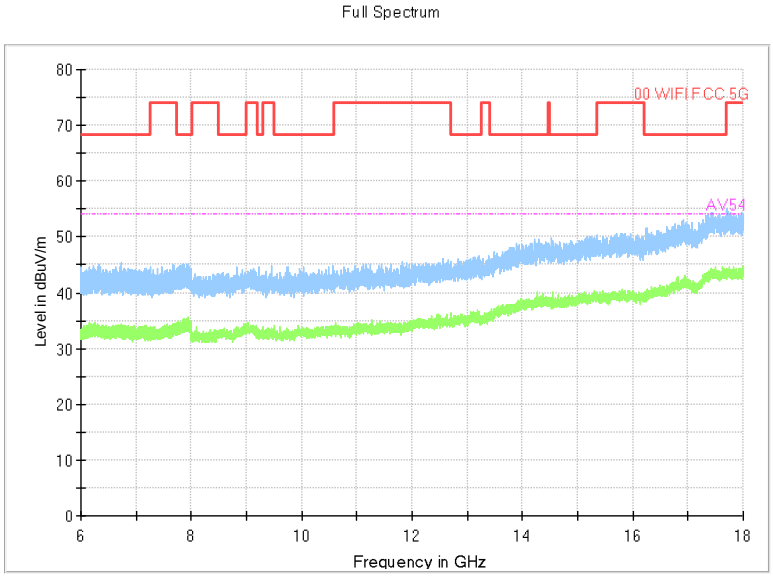
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



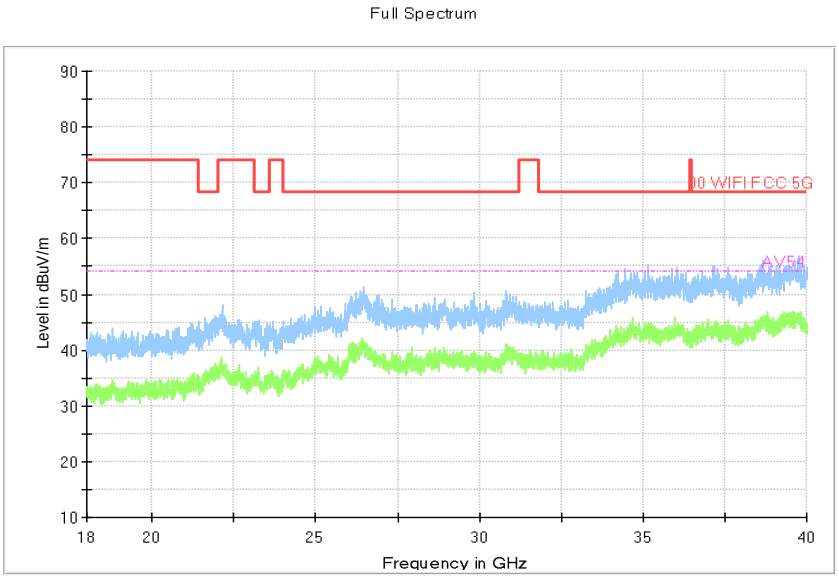
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

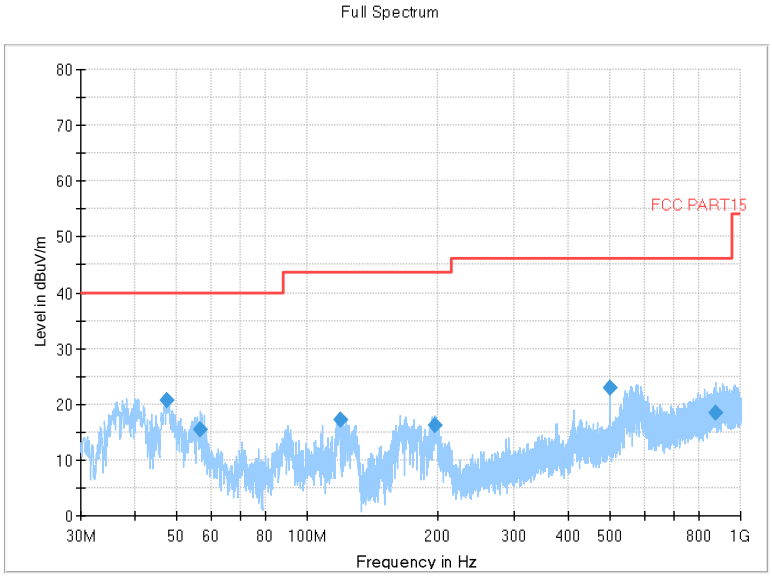


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

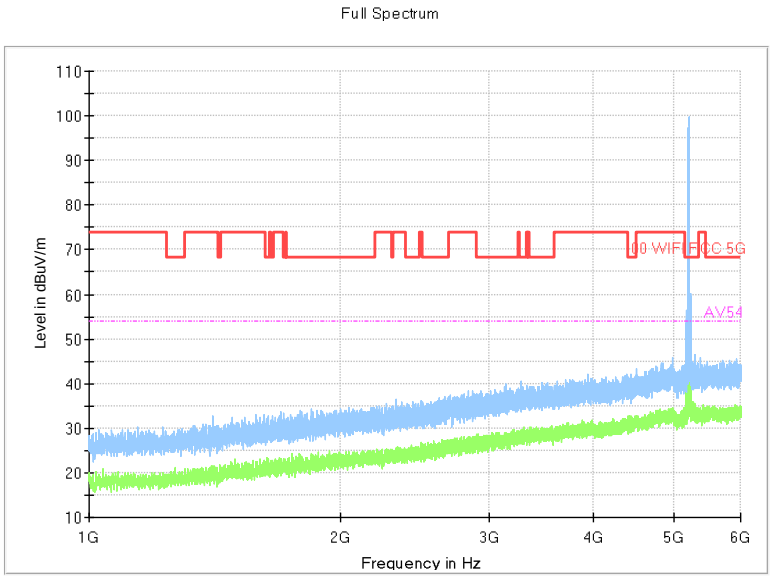


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

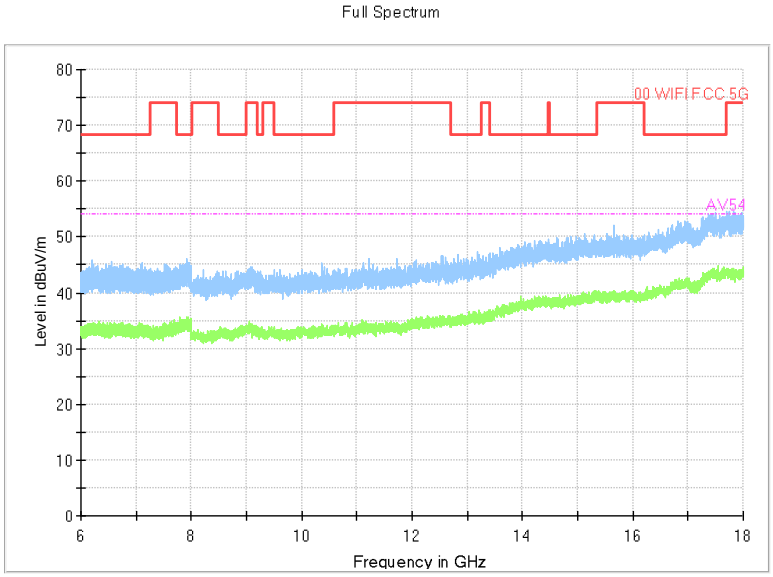
Carrier frequency (MHz): 5200
Channel No.40



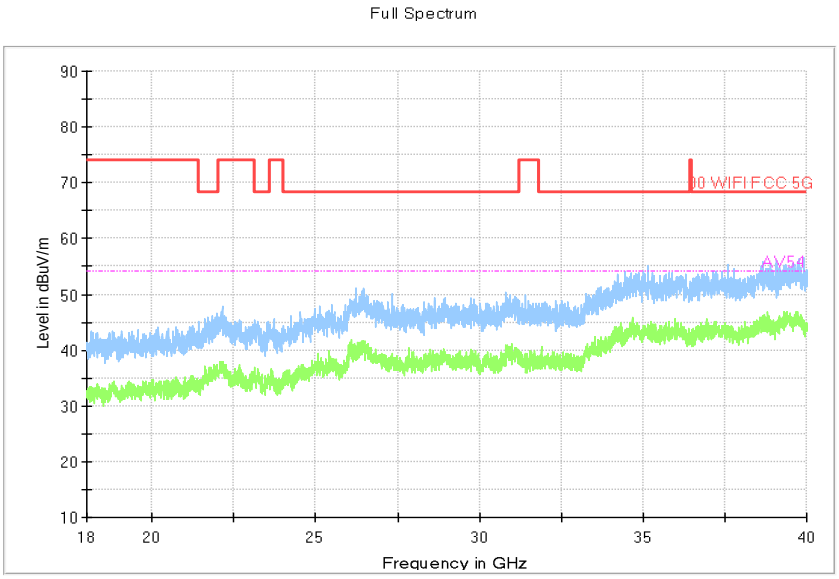
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



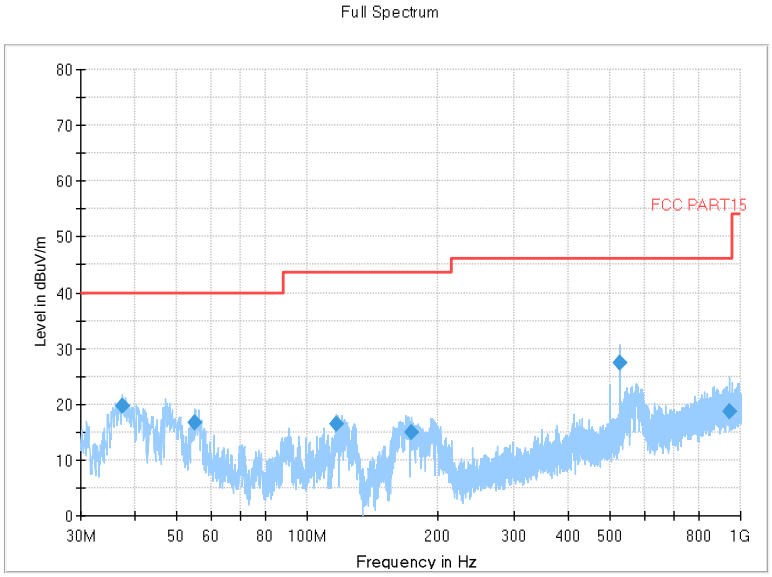
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



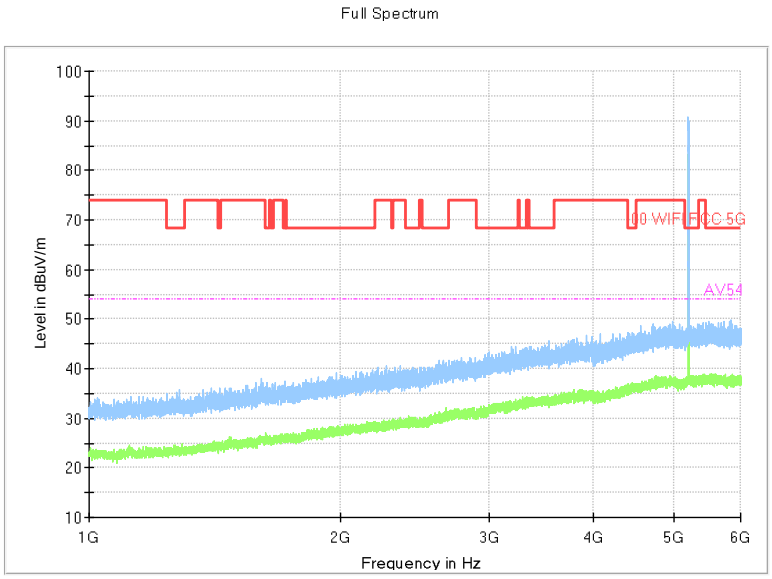
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



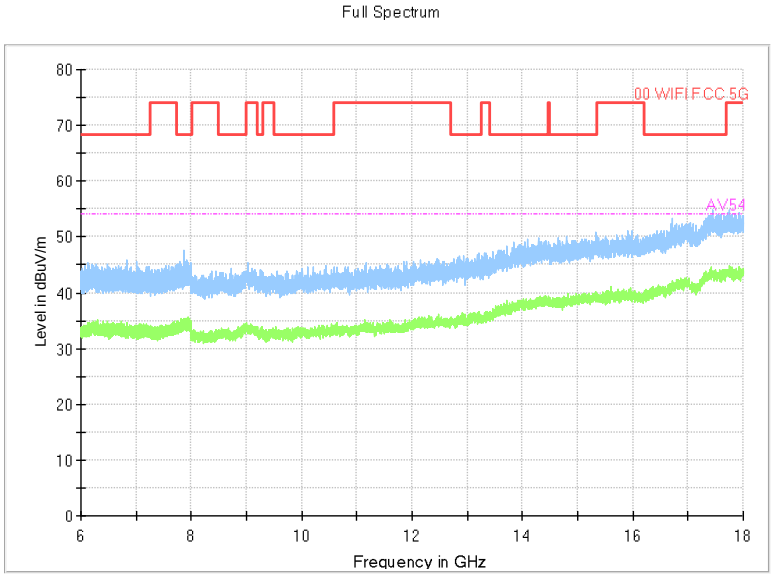
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



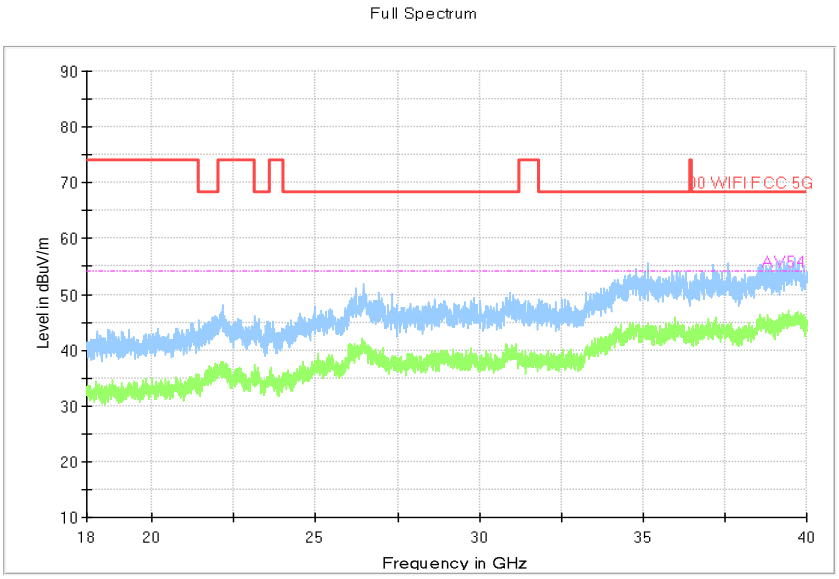
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



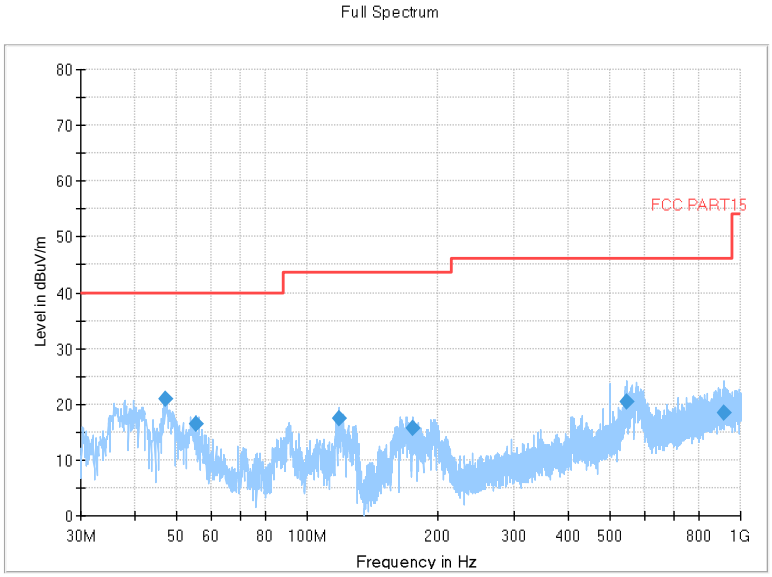
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



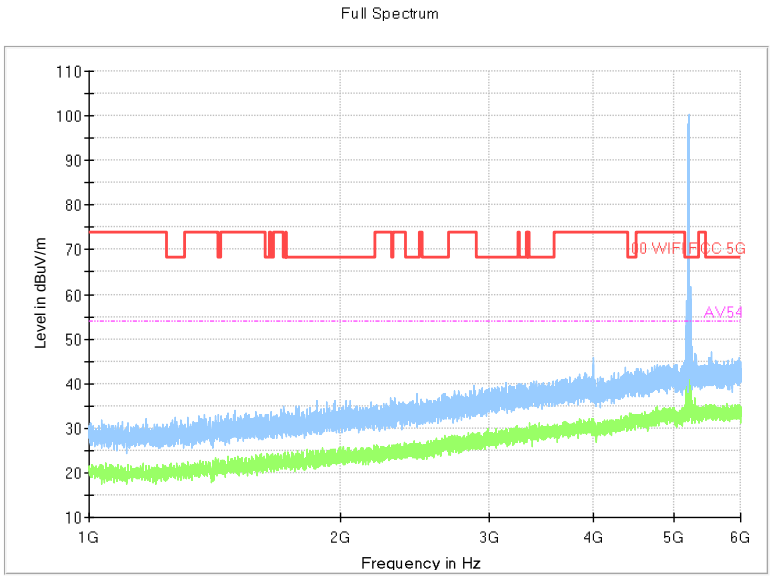
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



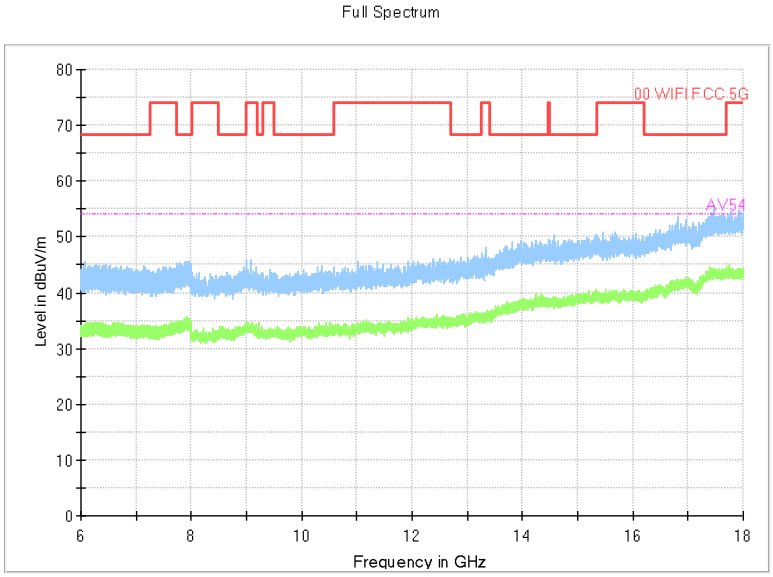
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



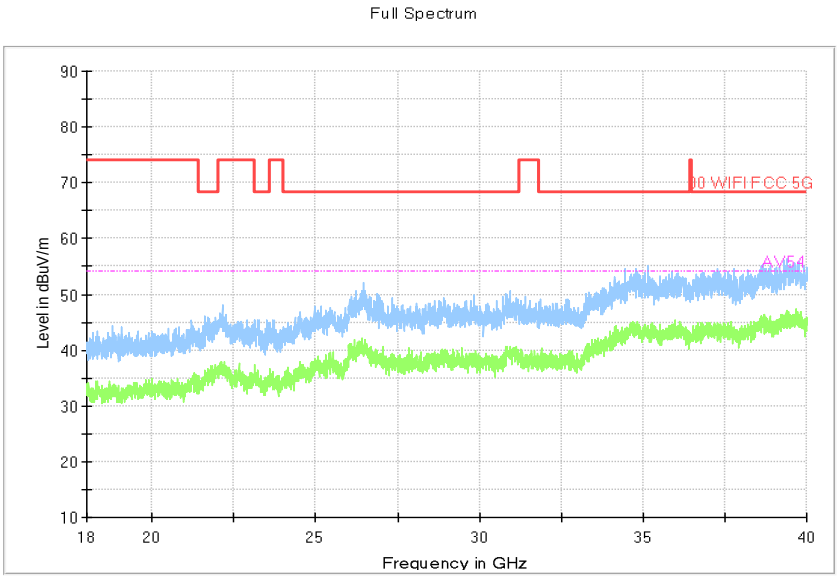
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



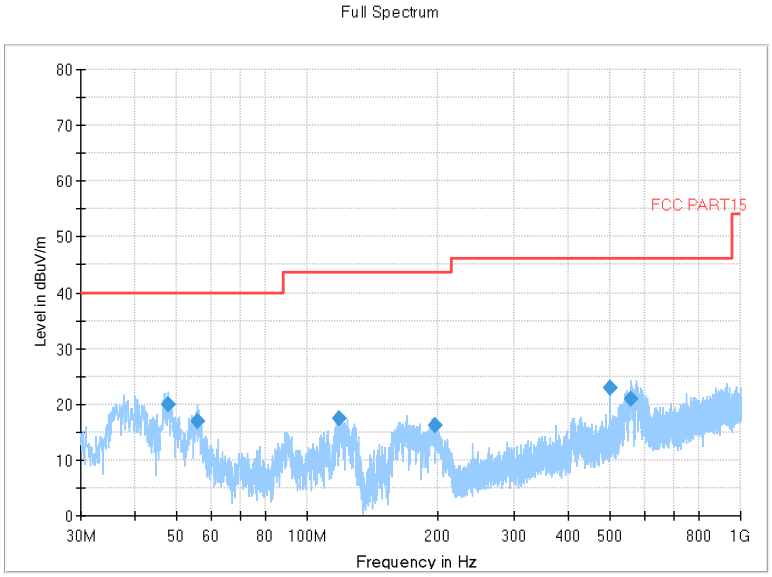
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



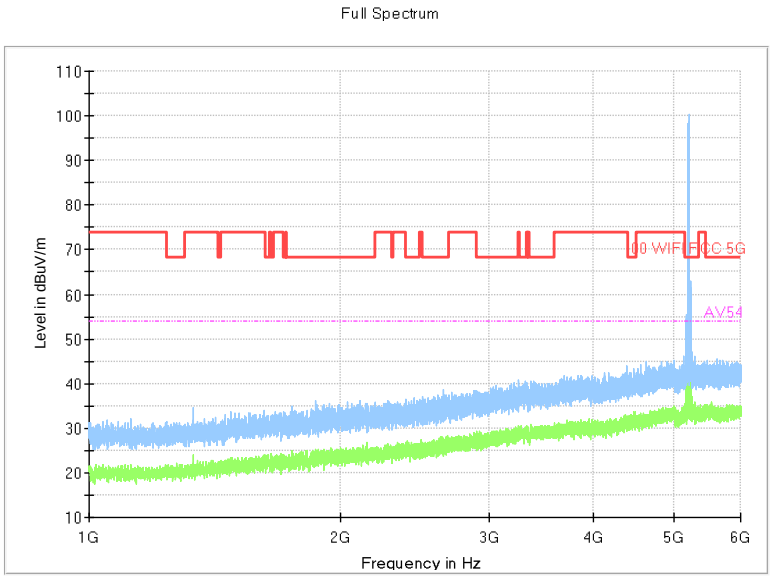
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



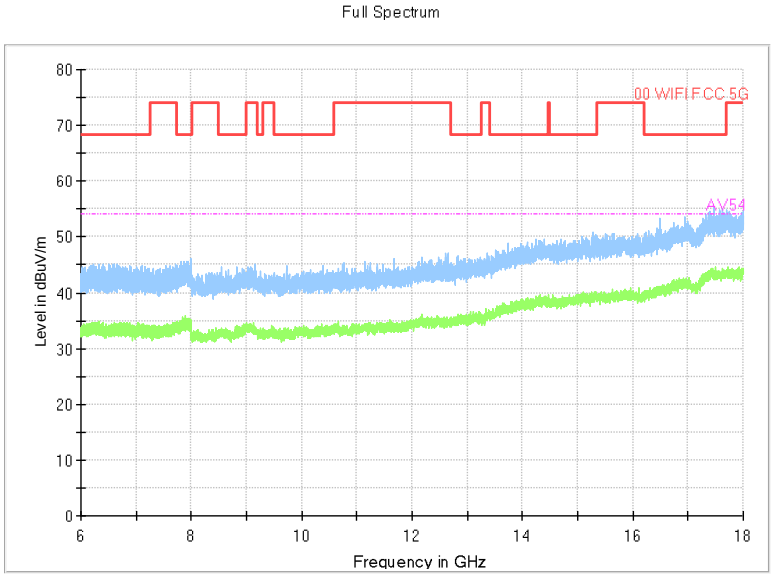
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



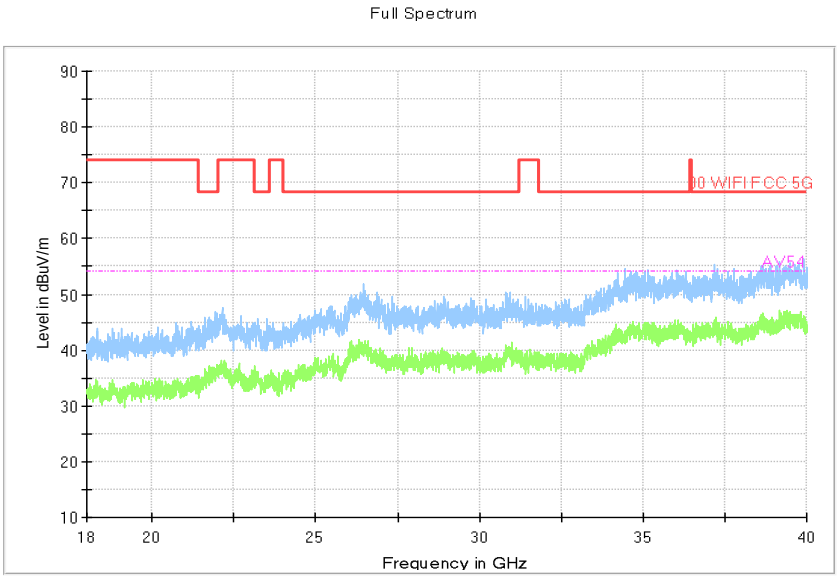
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

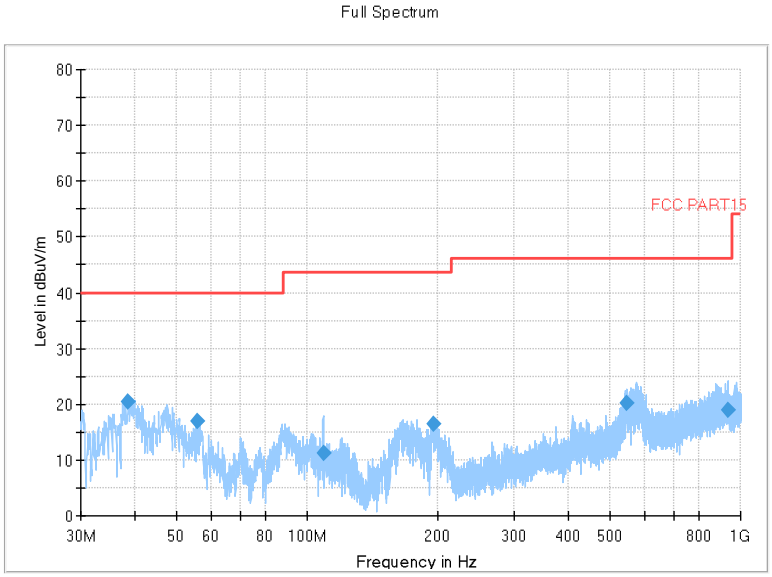


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

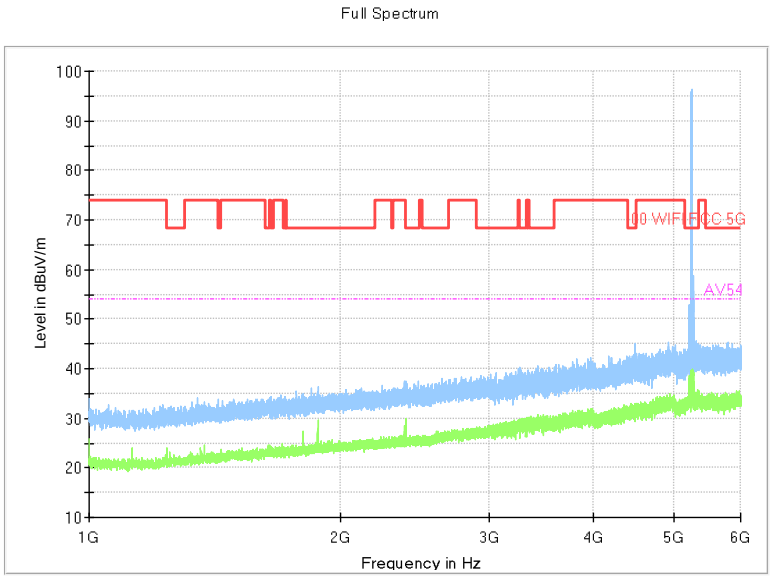


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

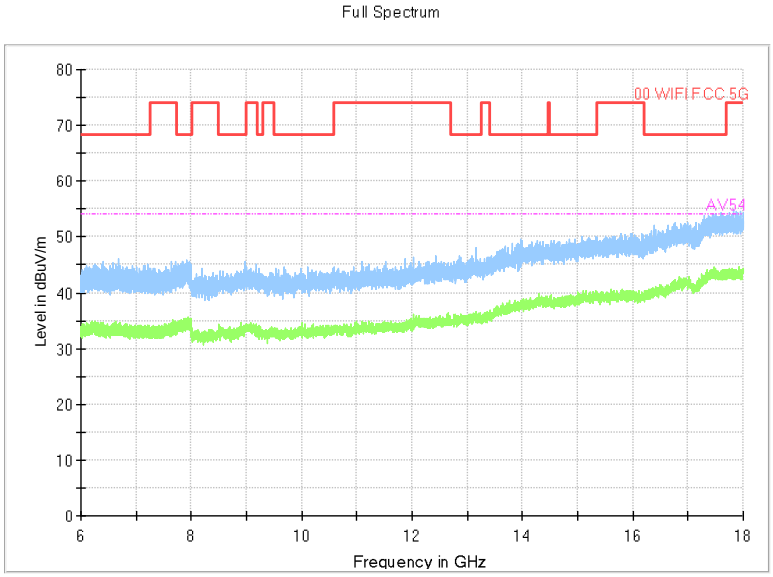
Carrier frequency (MHz): 5240
Channel No.:48



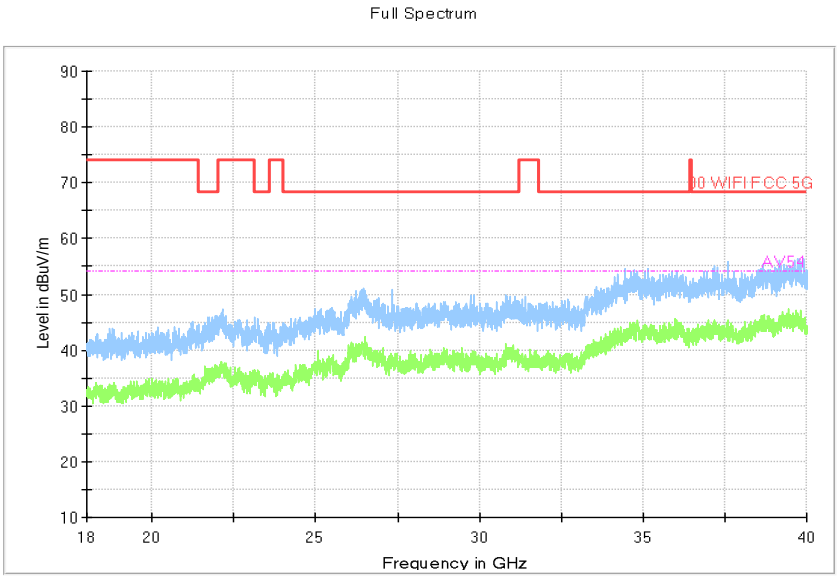
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



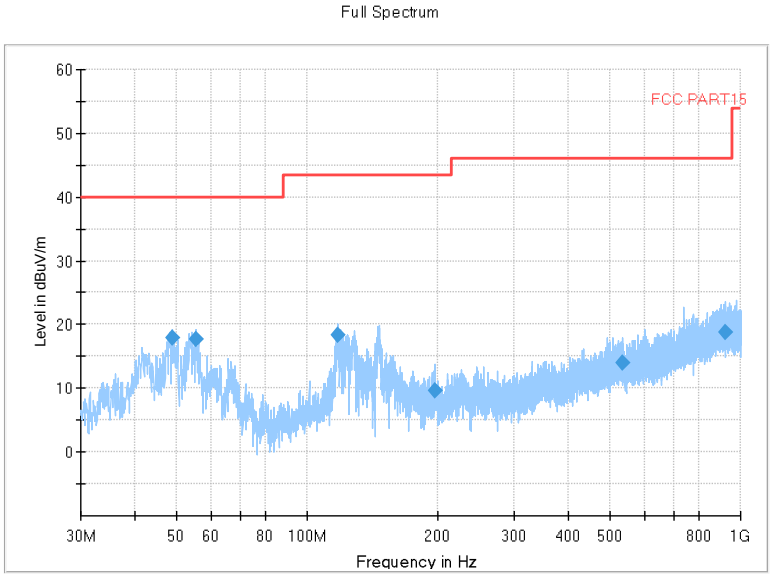
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



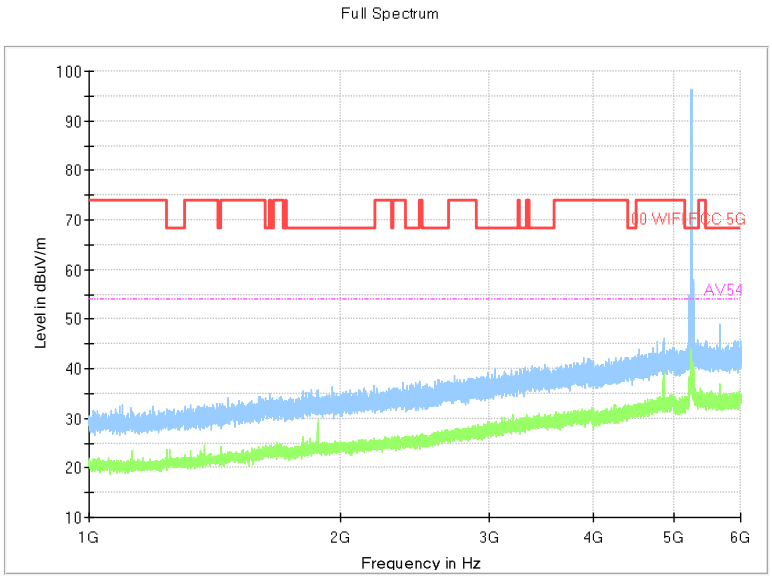
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



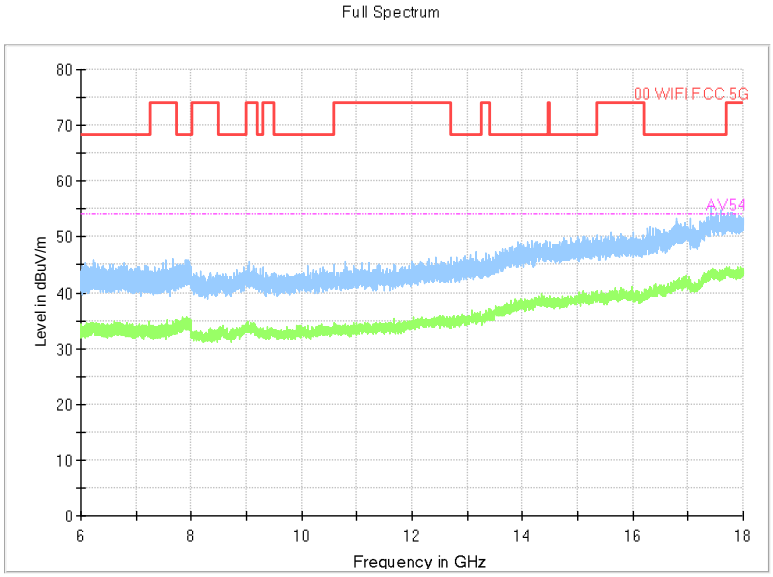
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



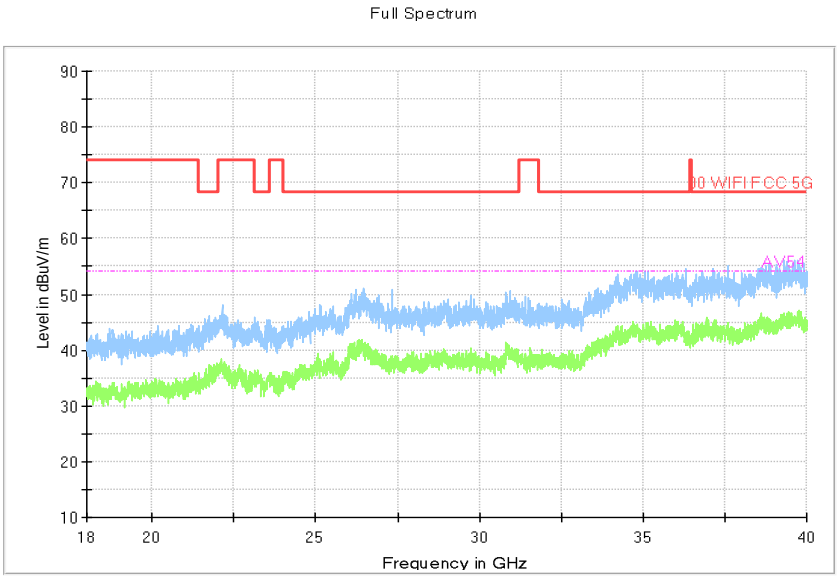
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



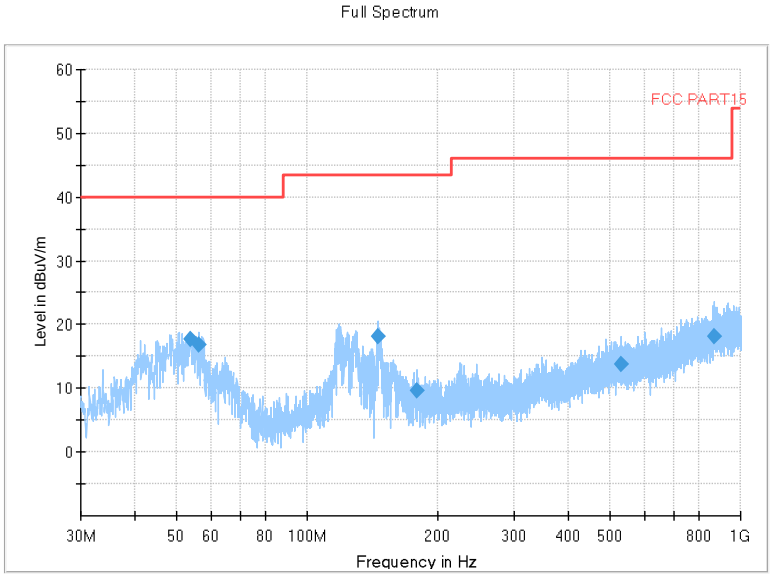
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



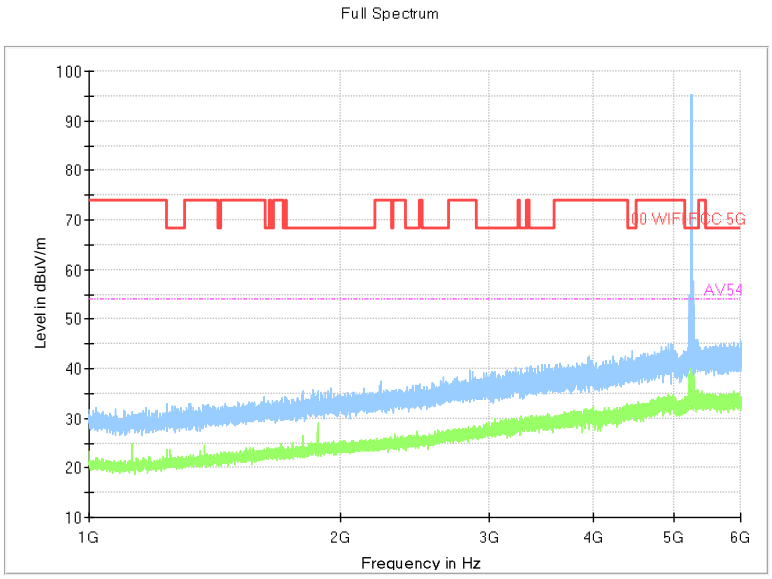
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



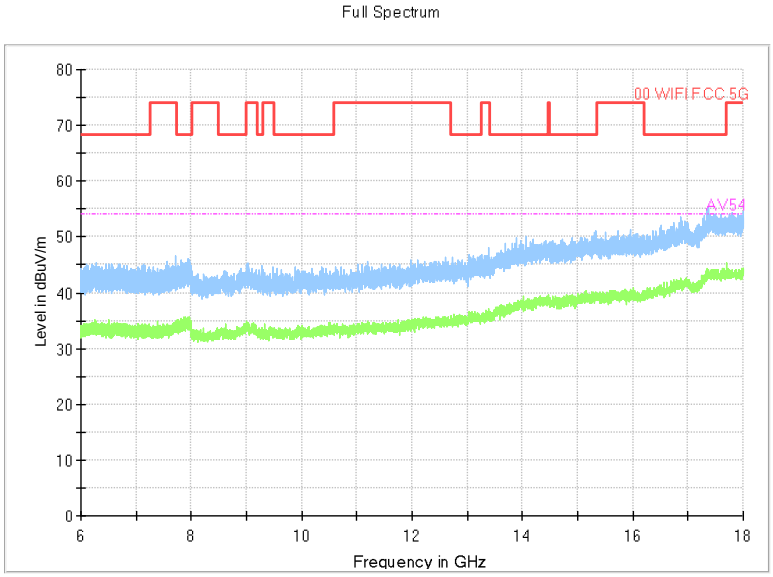
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



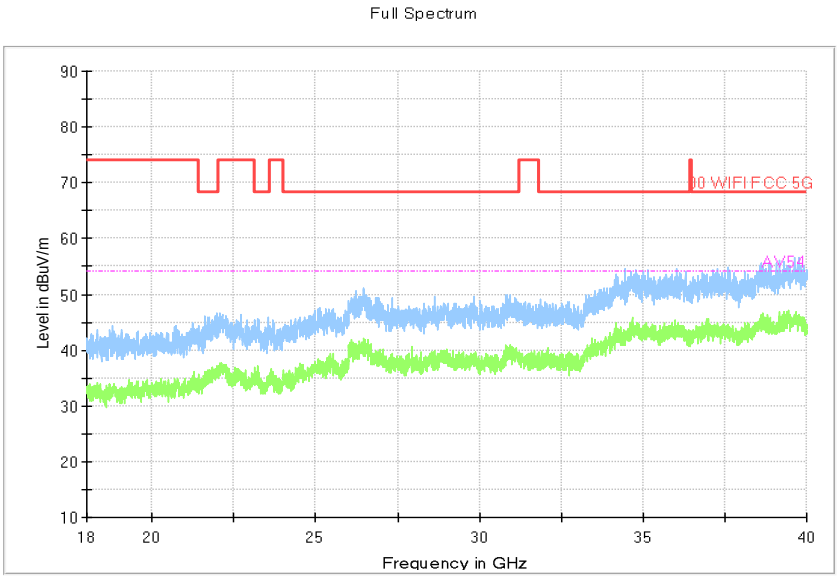
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



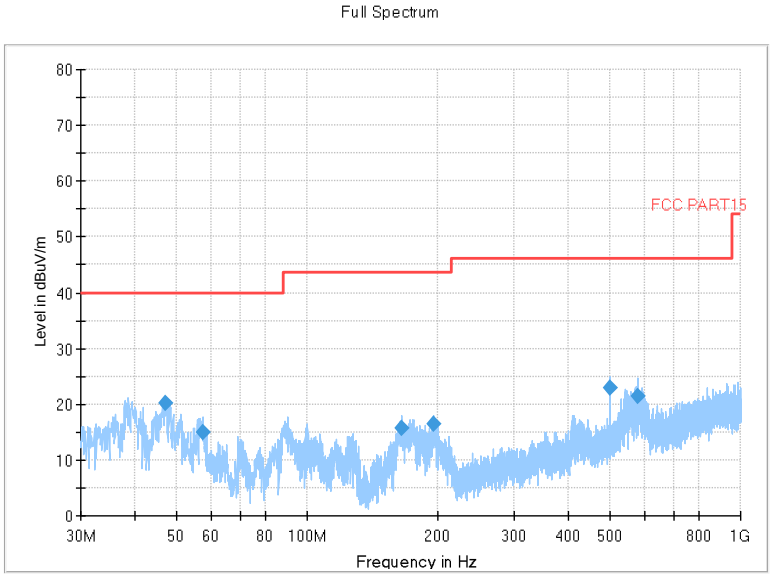
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



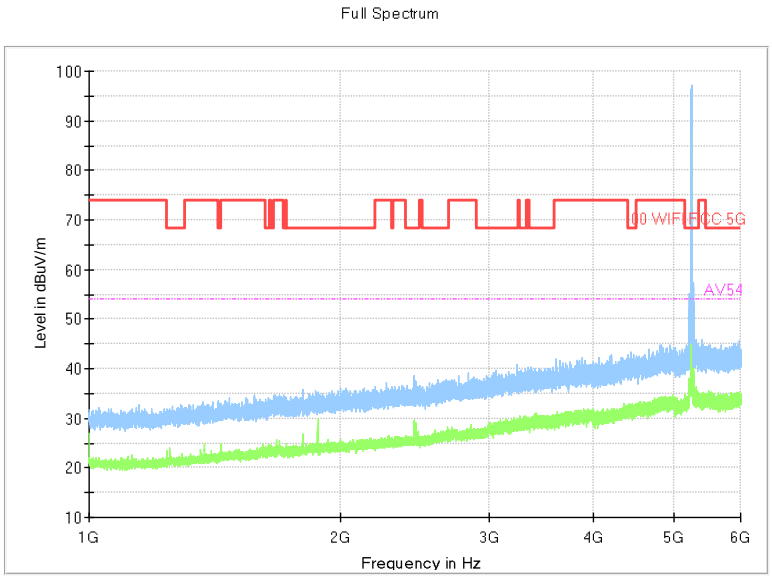
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



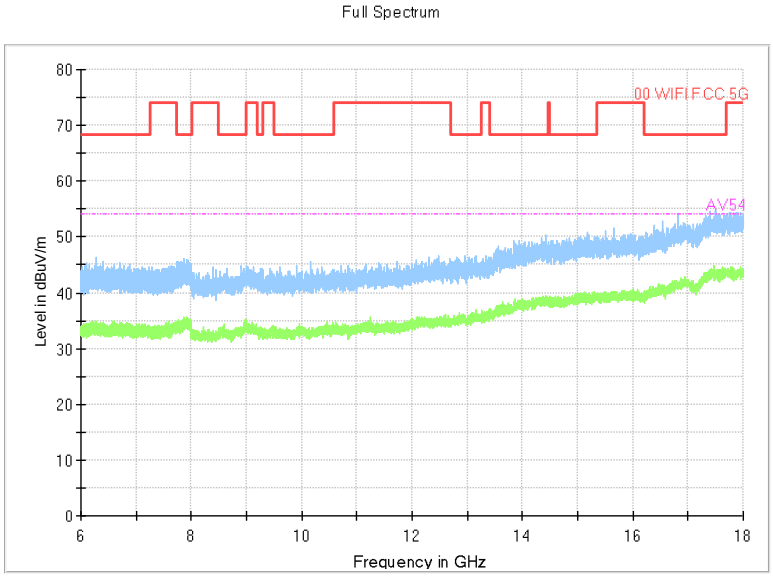
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



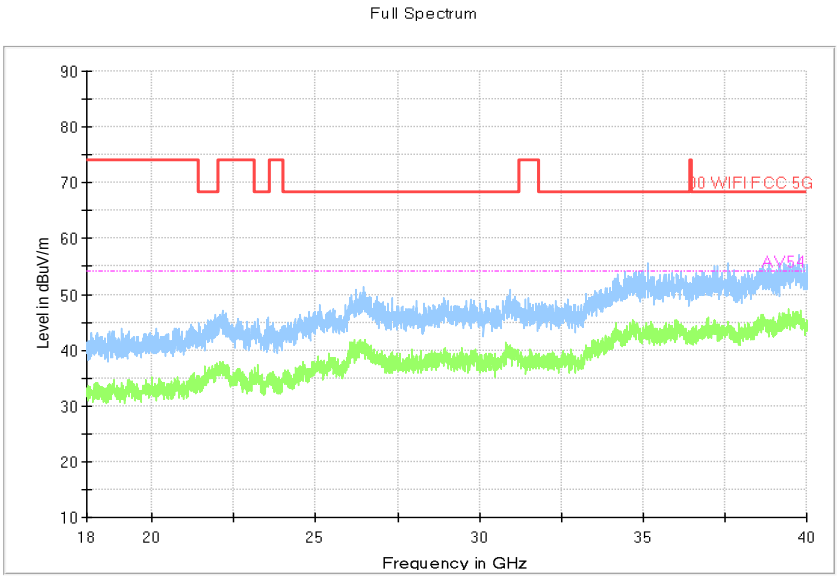
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)



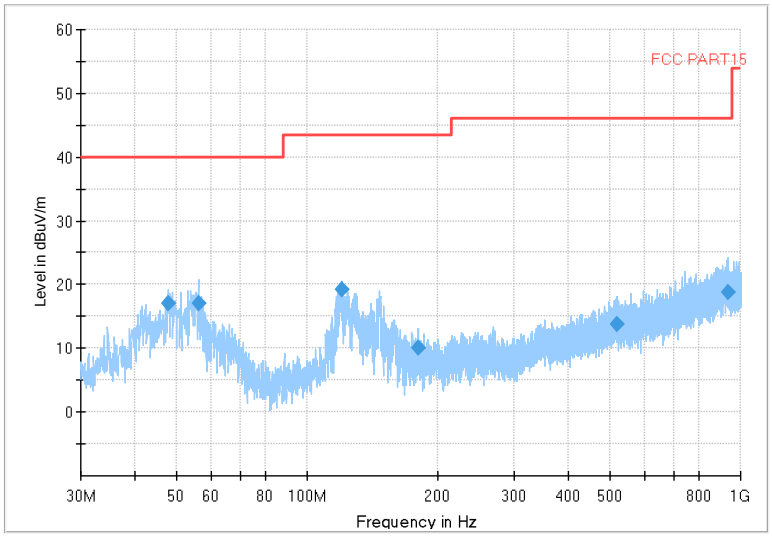
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)



Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE20)

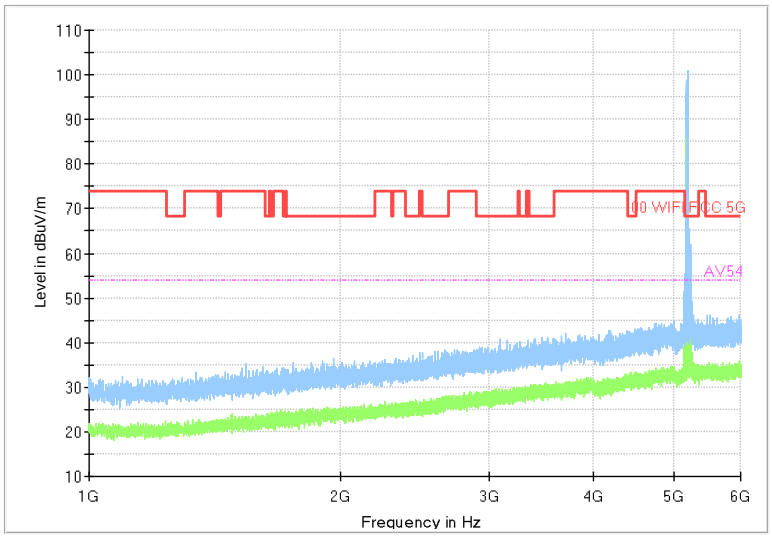
Carrier frequency (MHz): 5190
Channel No.:38

Full Spectrum

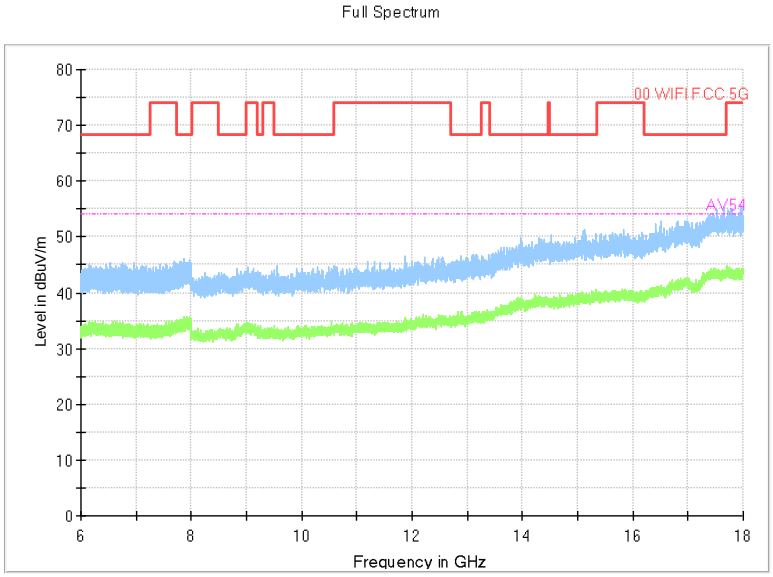


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

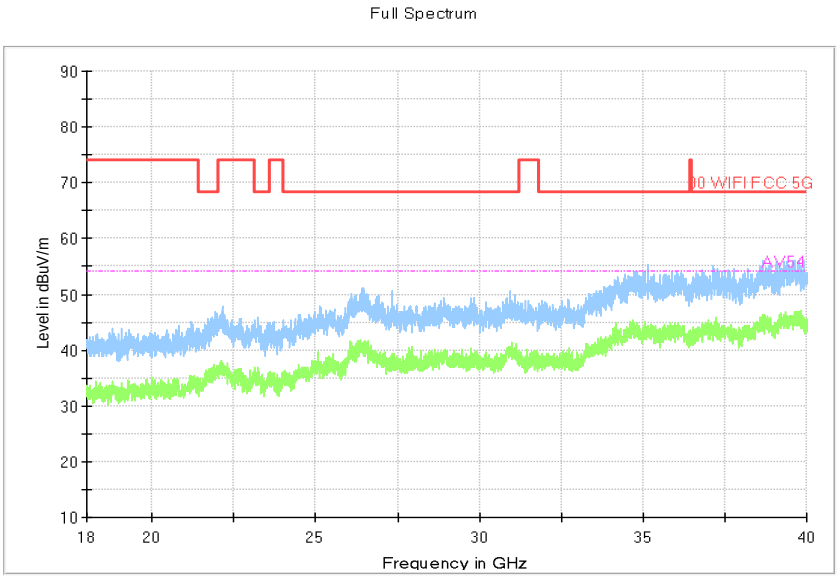
Full Spectrum



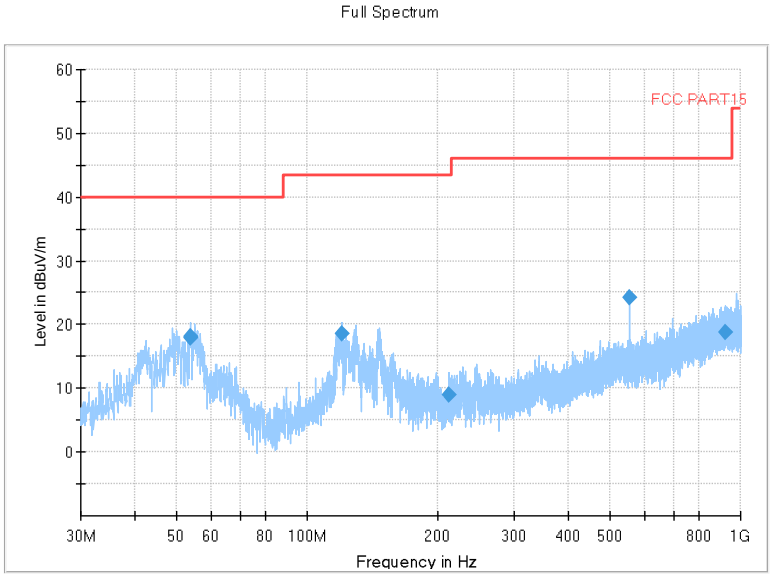
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



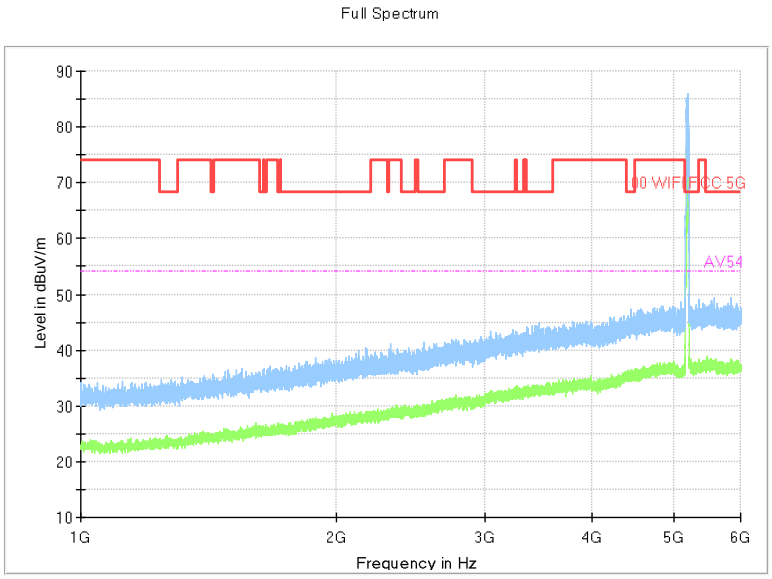
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



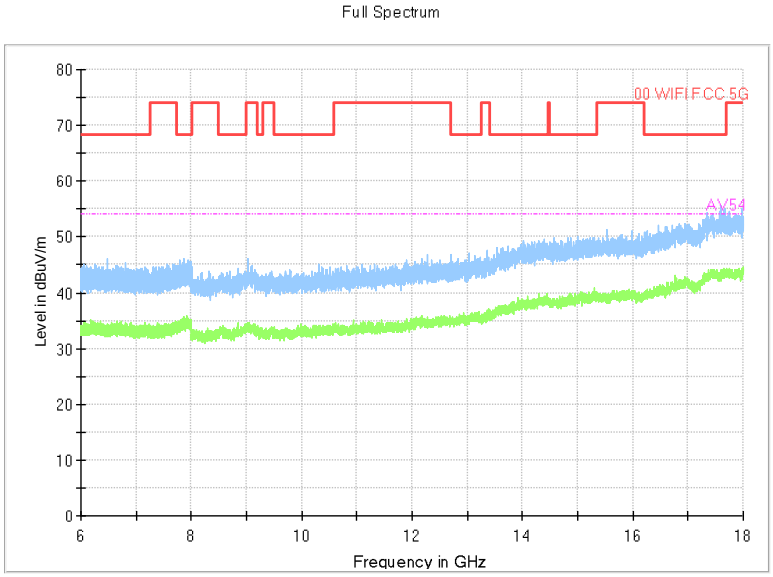
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



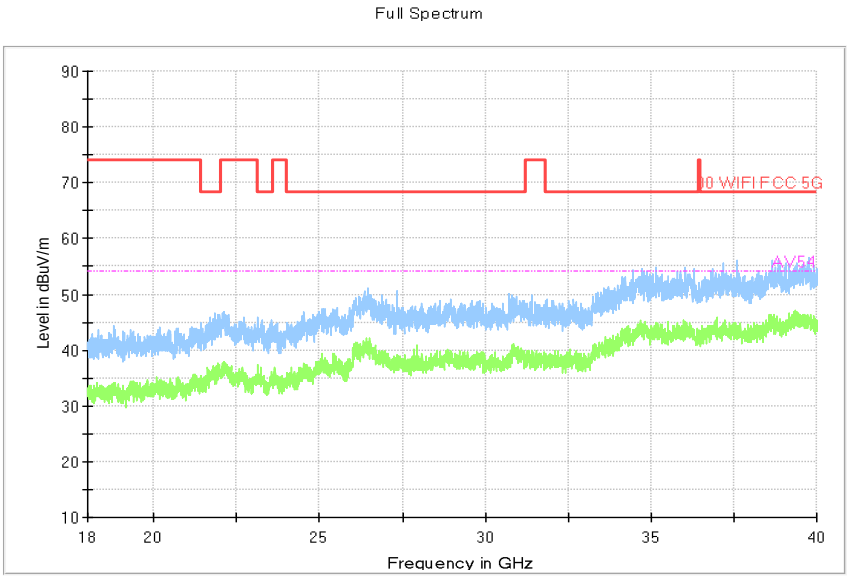
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



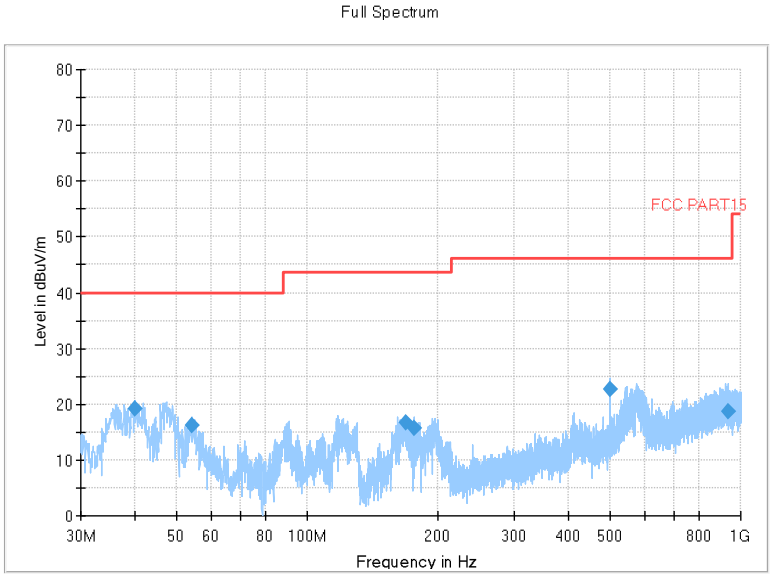
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



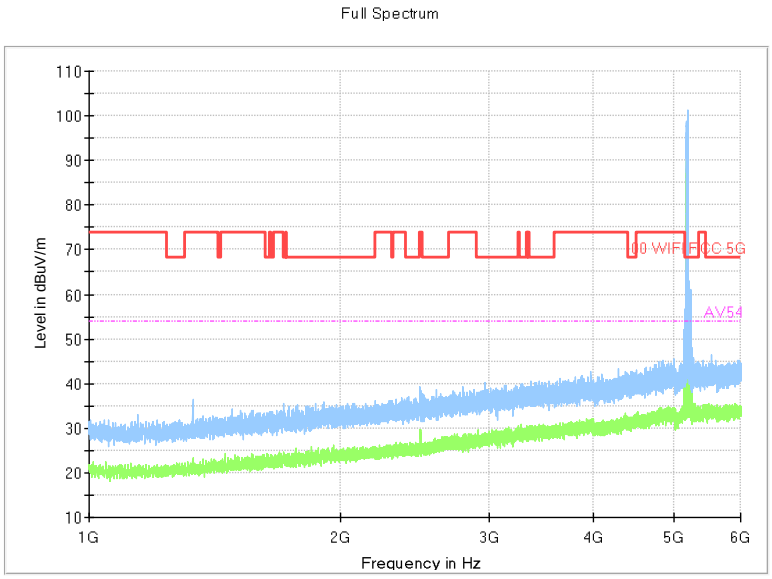
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



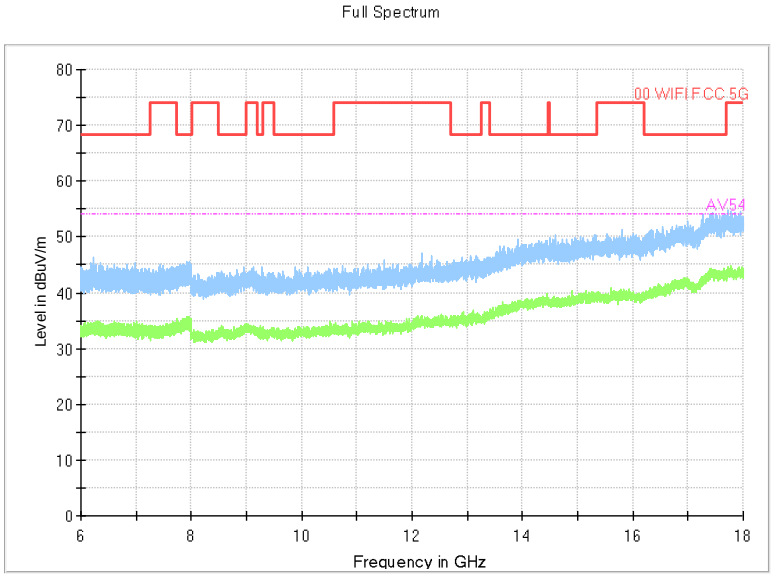
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



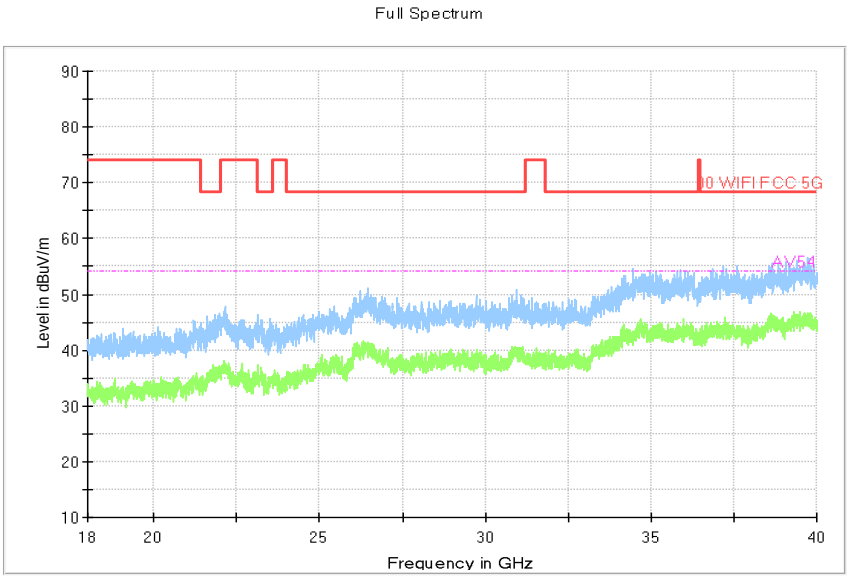
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

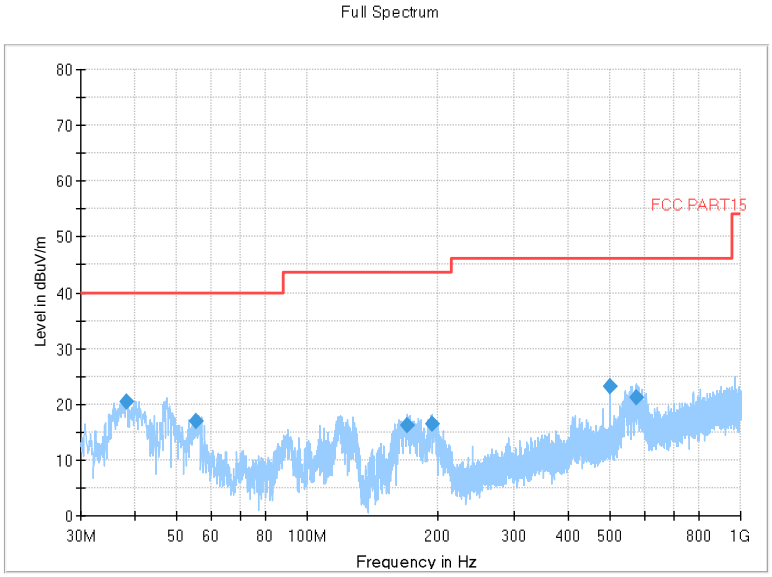


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

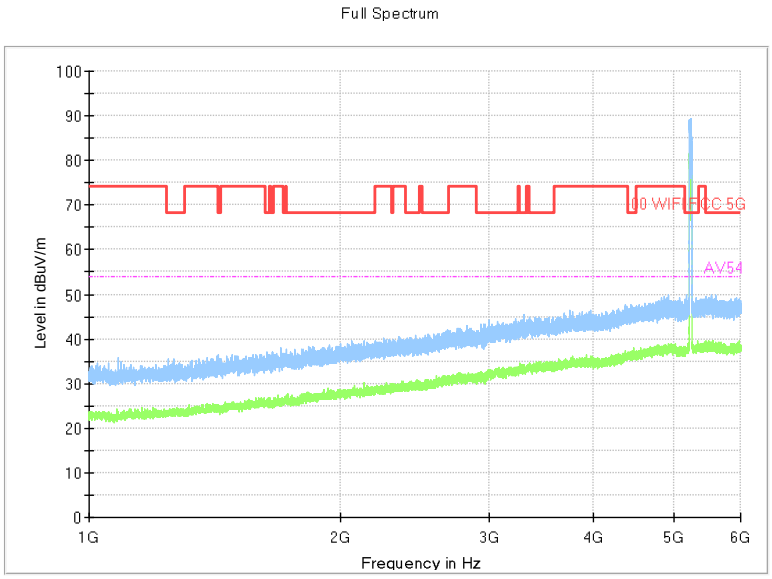


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

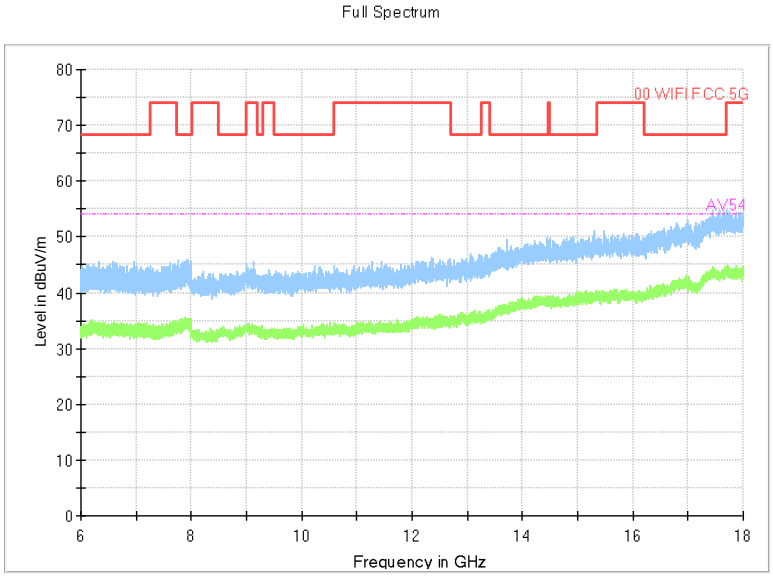
Carrier frequency (MHz): 5230
Channel No.:46



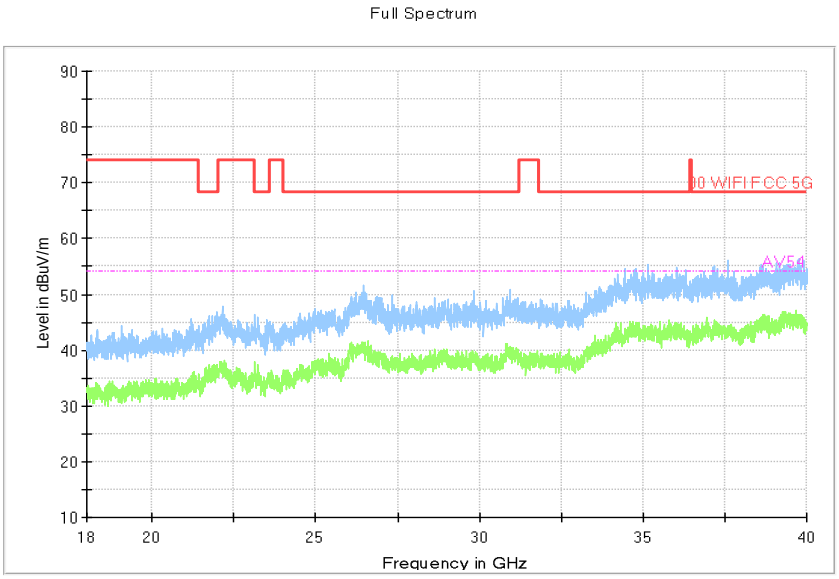
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



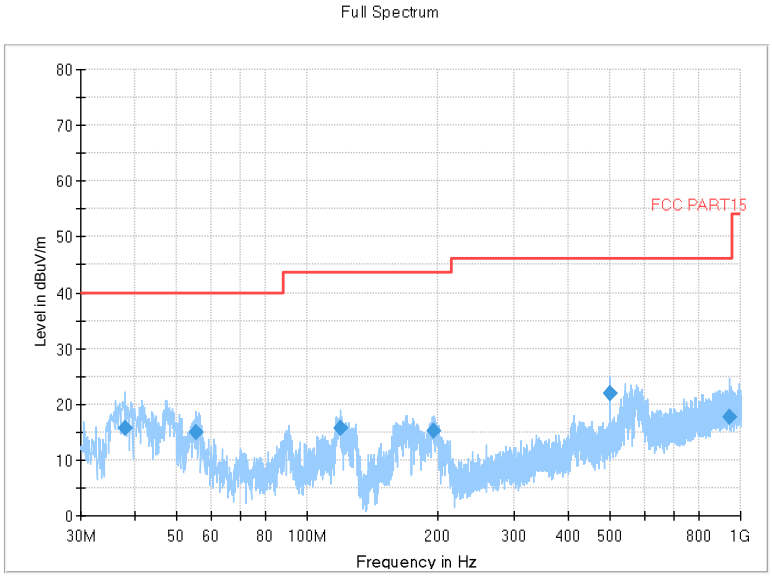
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



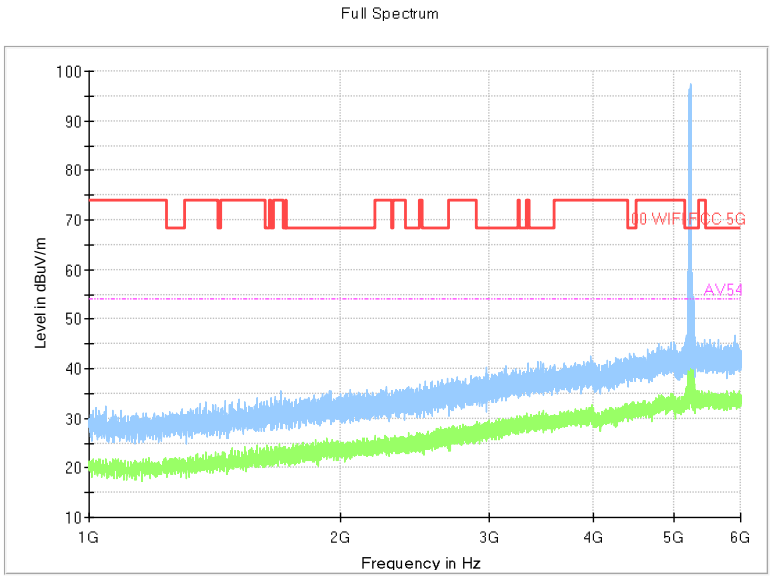
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



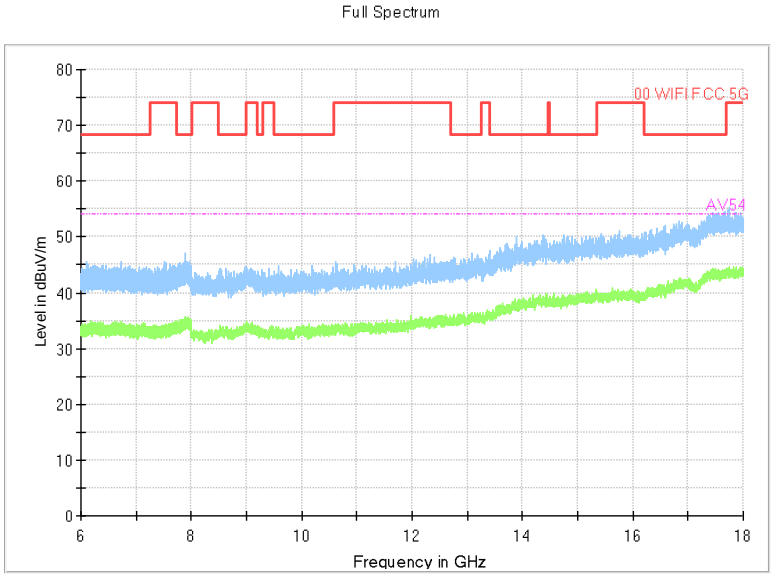
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



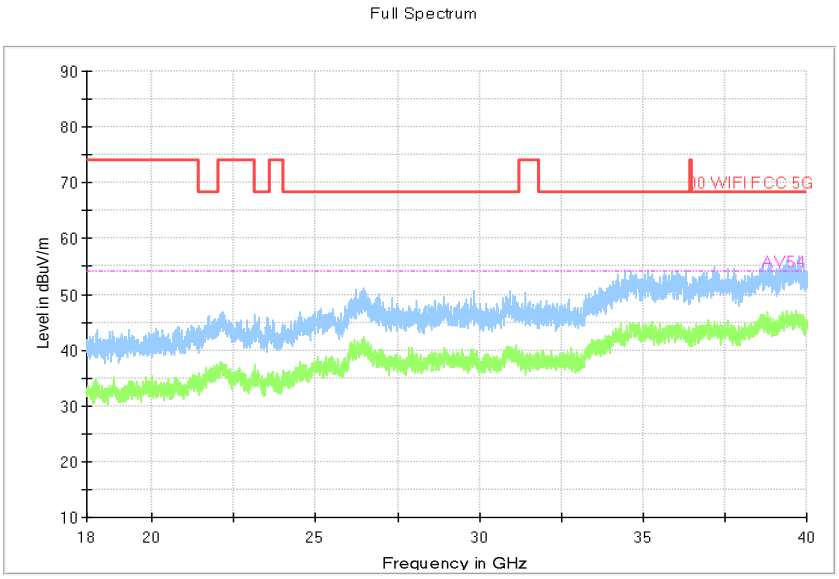
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



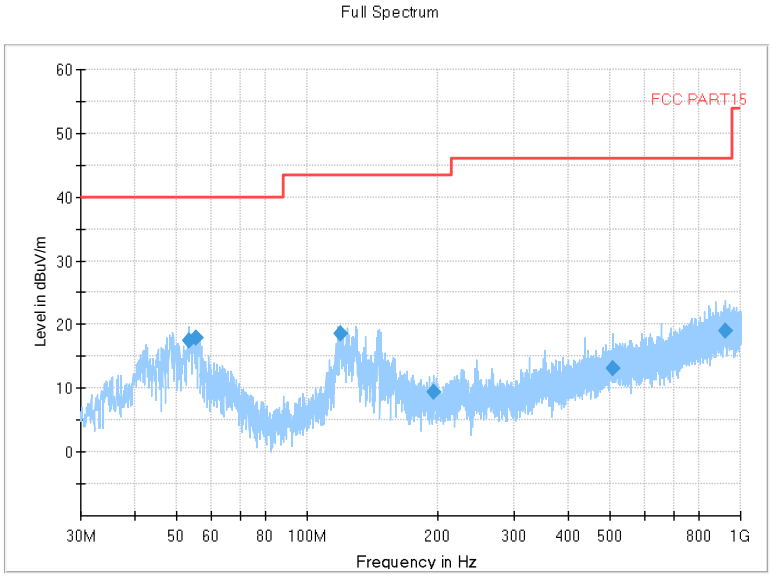
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



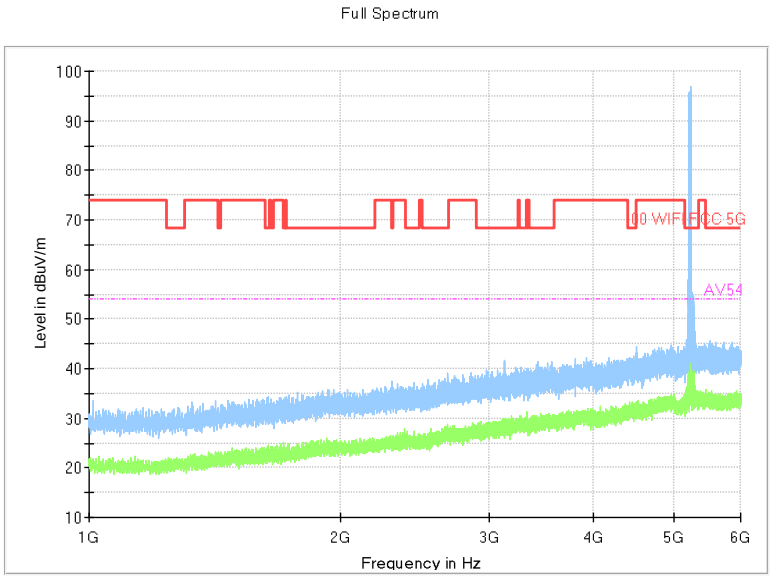
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



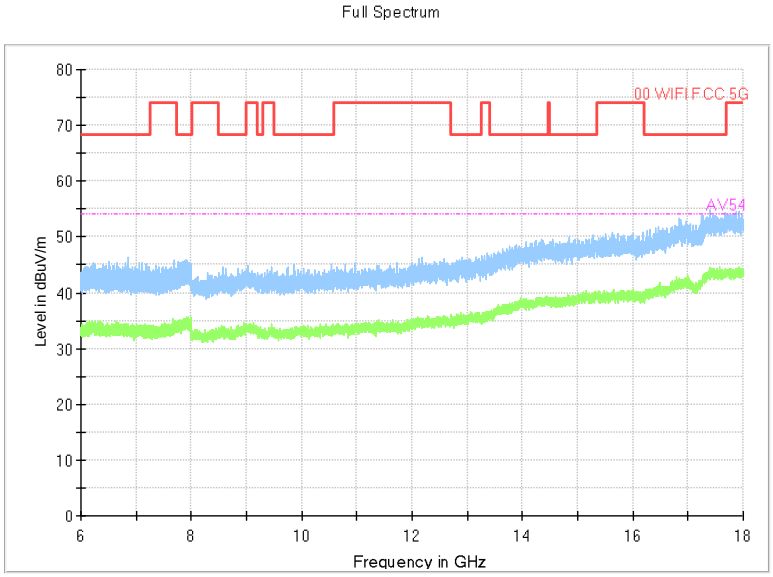
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



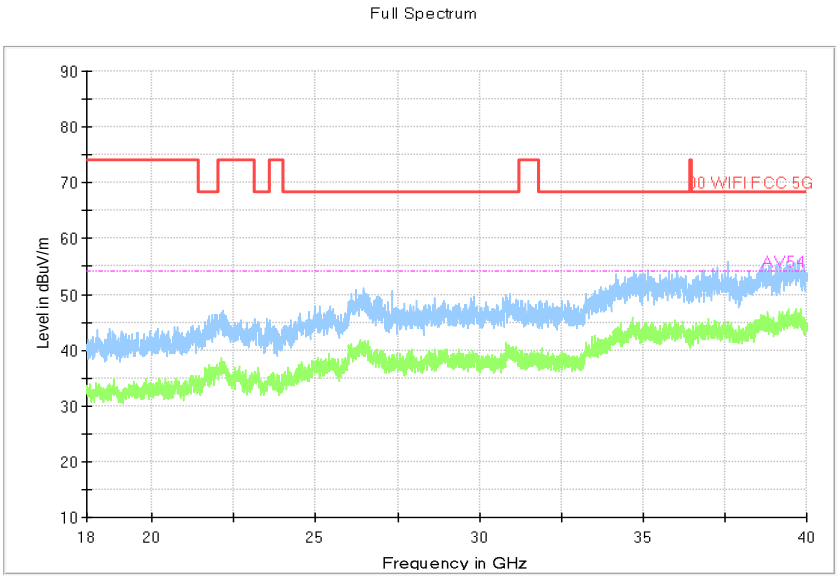
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

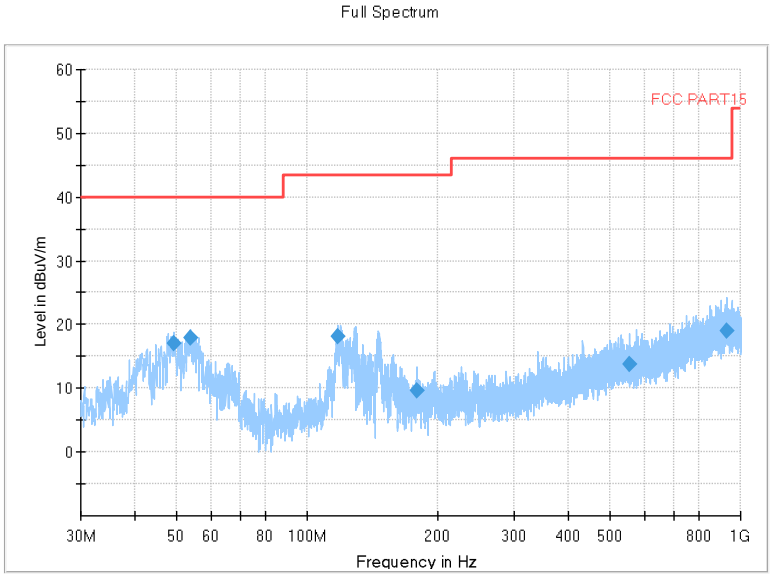


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

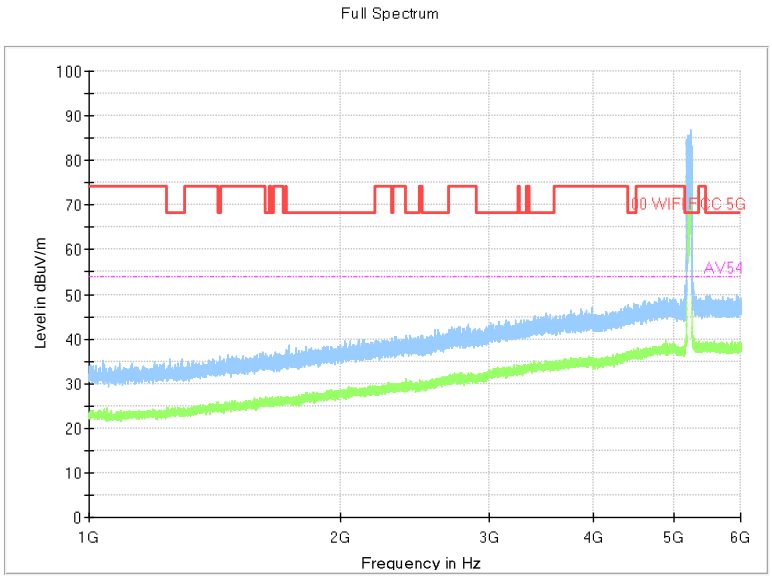


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE40)

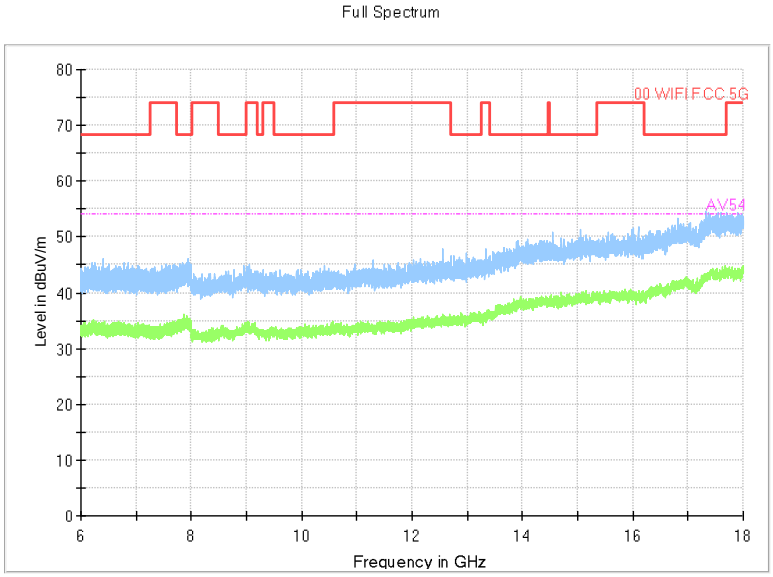
Carrier frequency (MHz): 5210
Channel No.:42



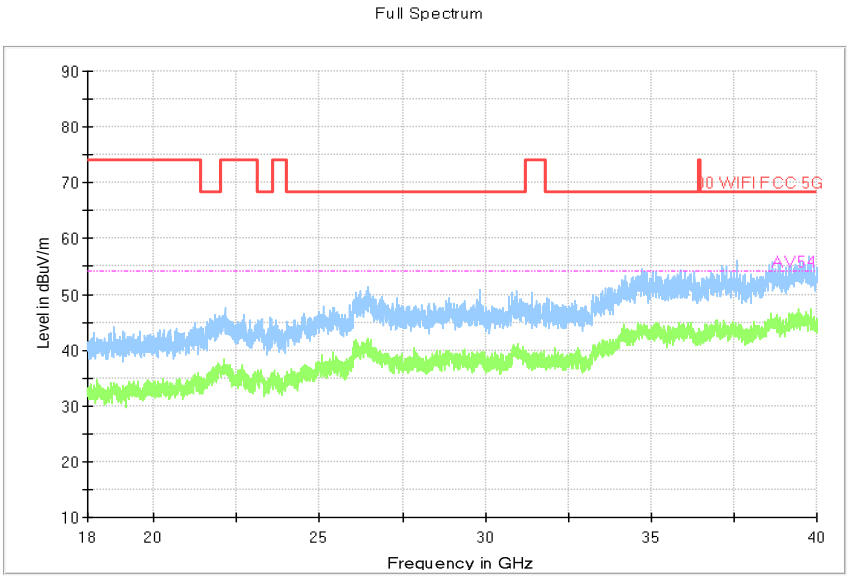
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



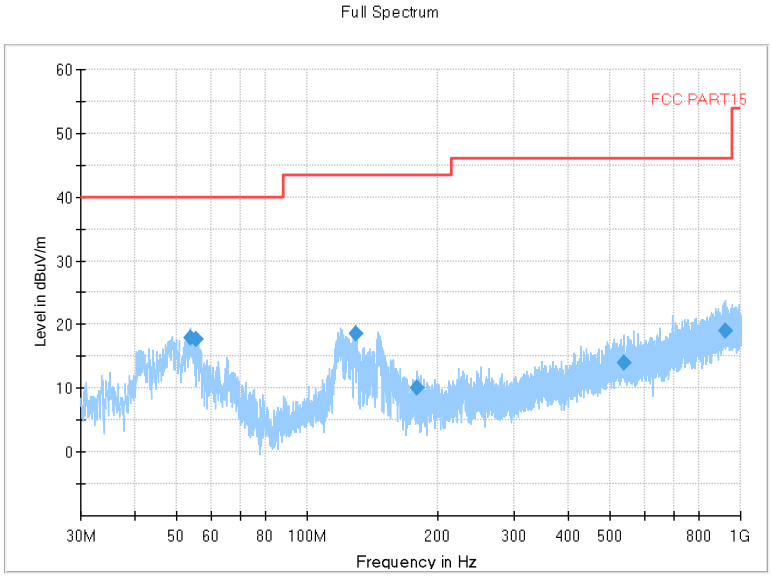
Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



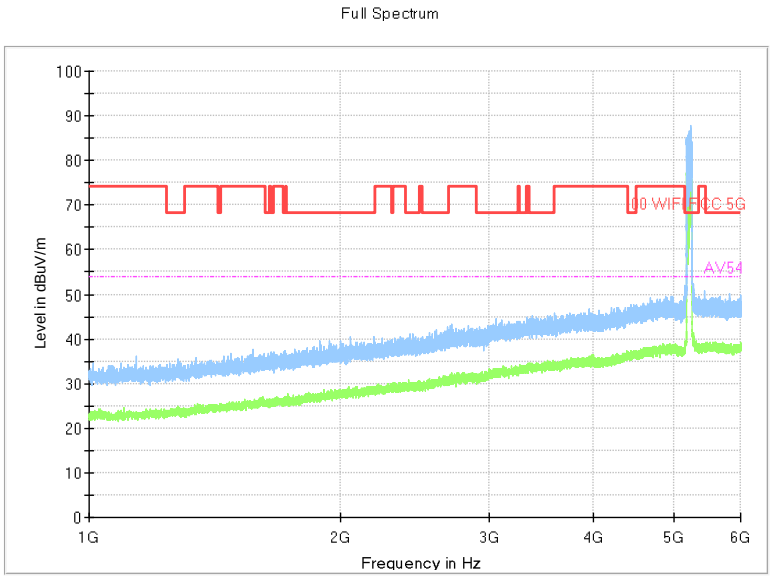
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



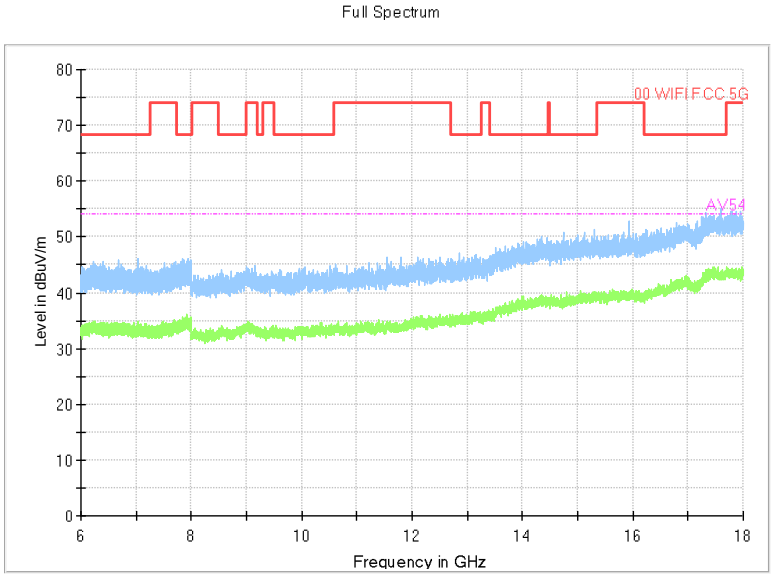
Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



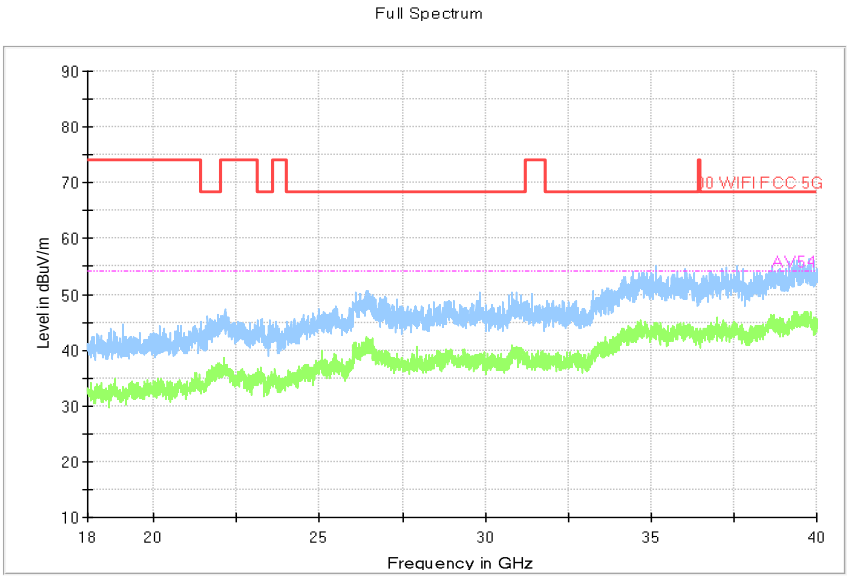
Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE80)



Frequency Range: 1GHz -6GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE80)

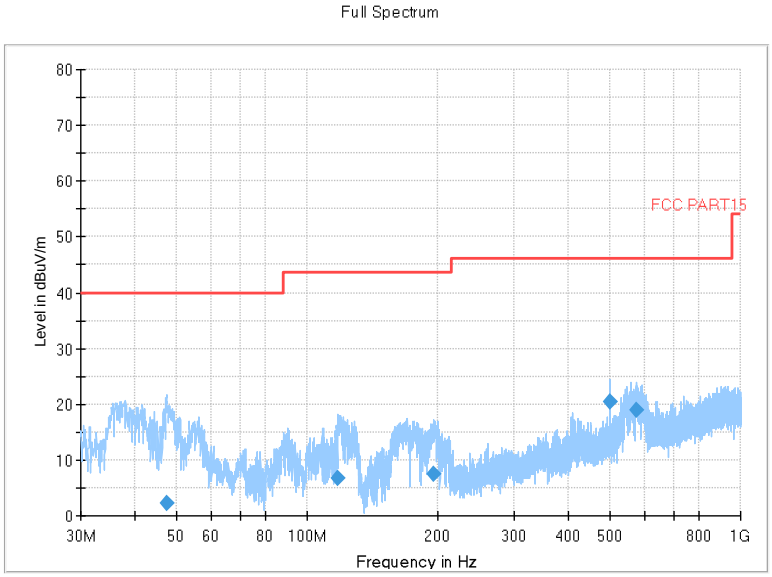


Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE80)

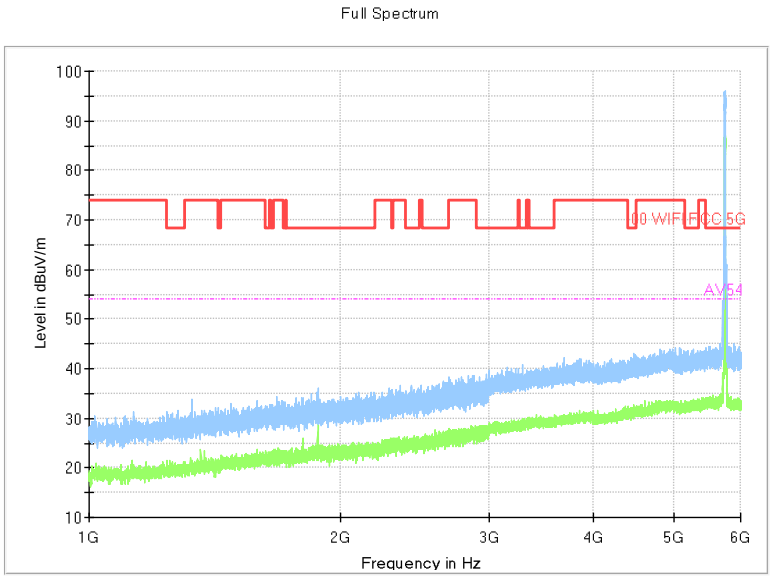


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ax(HE80)

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



Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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