

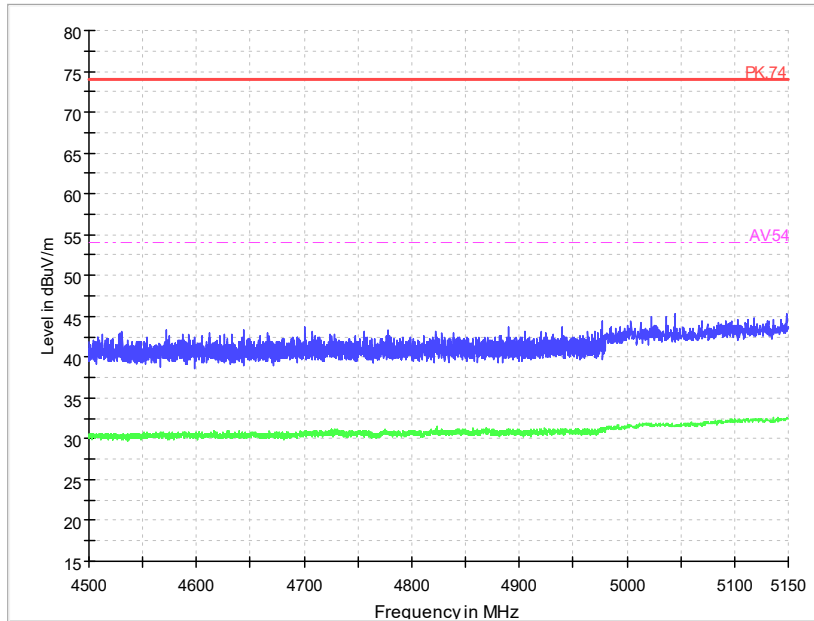
APPENDIX B – TEST DATA OF RADIATED EMISSION

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

Radiated Emission Band Edge

20M

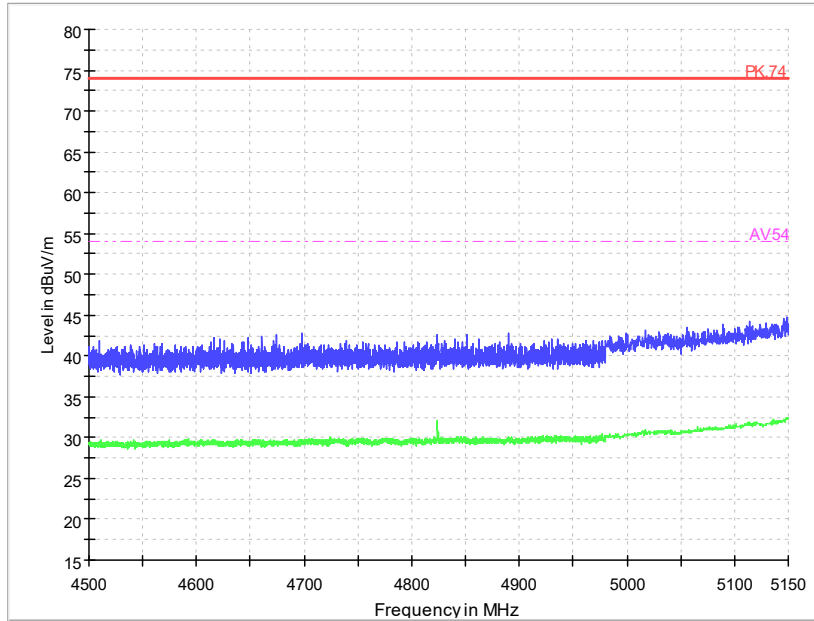


Radiated Emission Band Edge

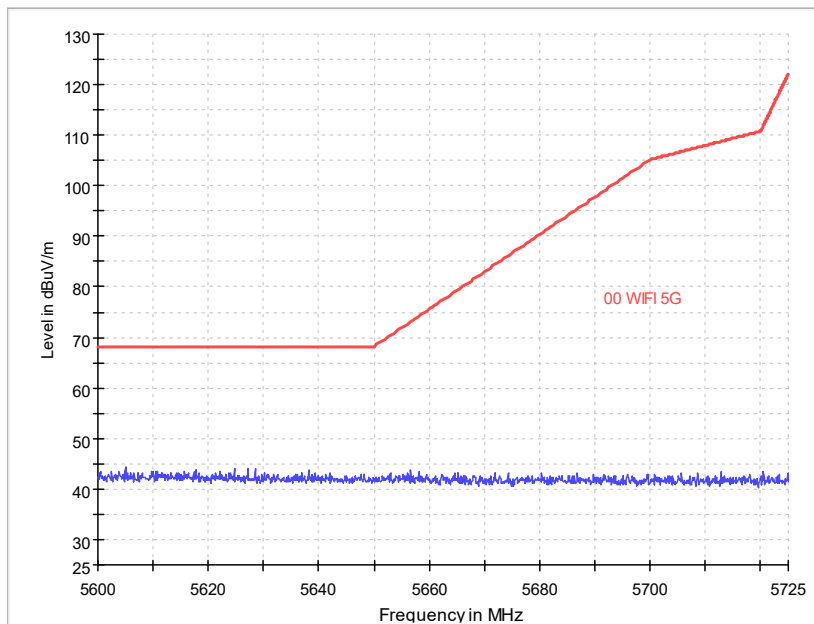
Channel No.:36

Test Mode: 802.11a

Polarization: V

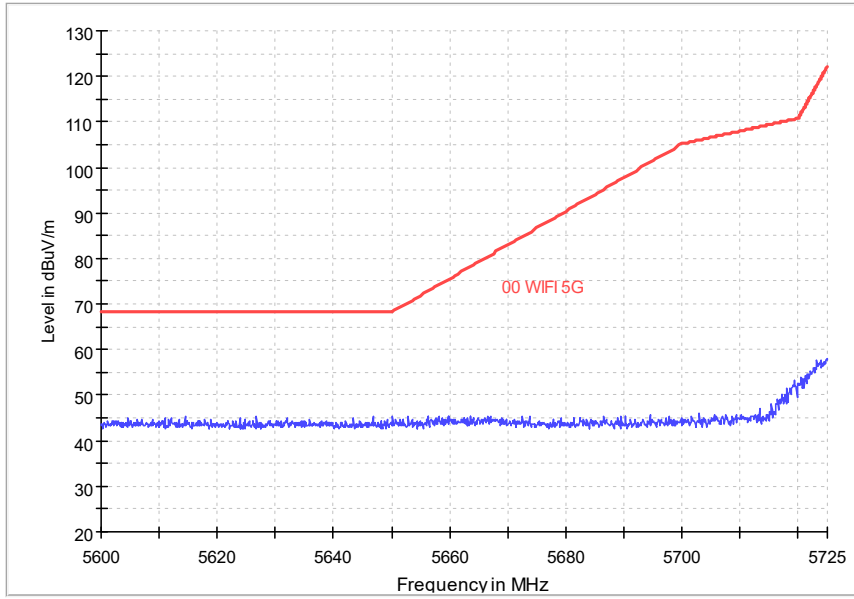


Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11a
Polarization: H

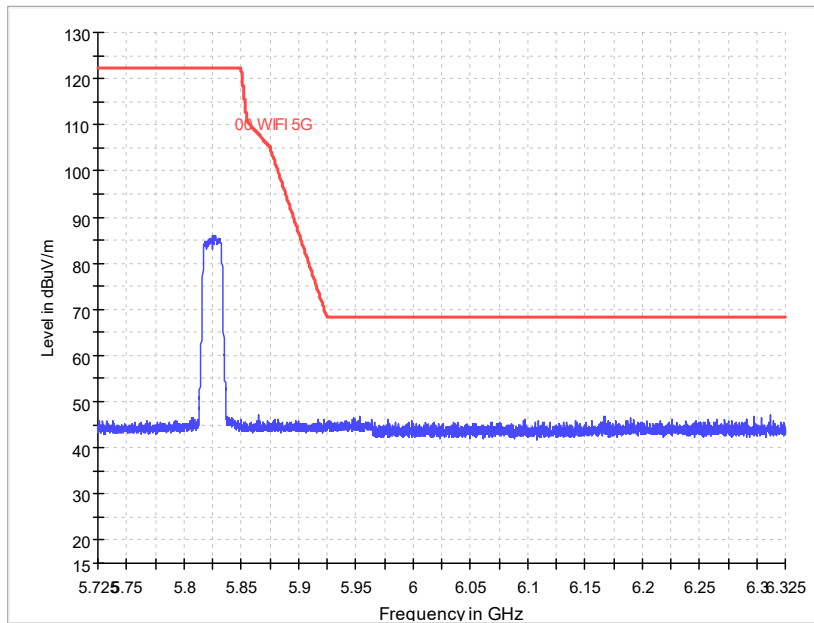


Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization: V

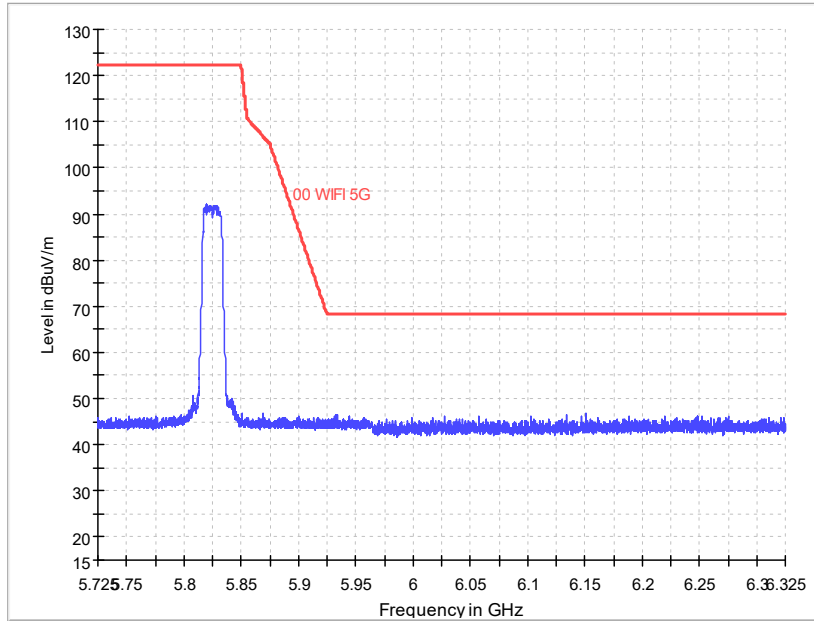
002C_FCC 5.6-5.725



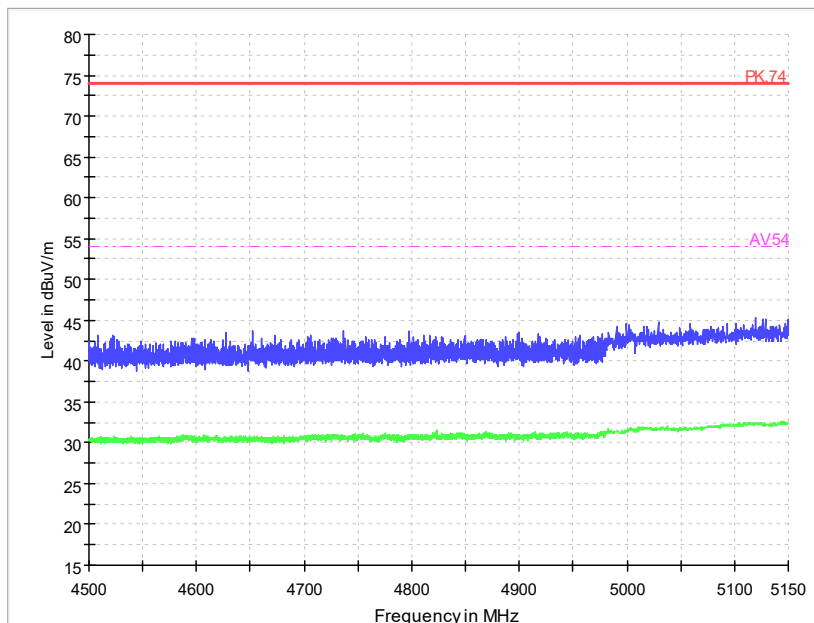
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11a
Polarization: H



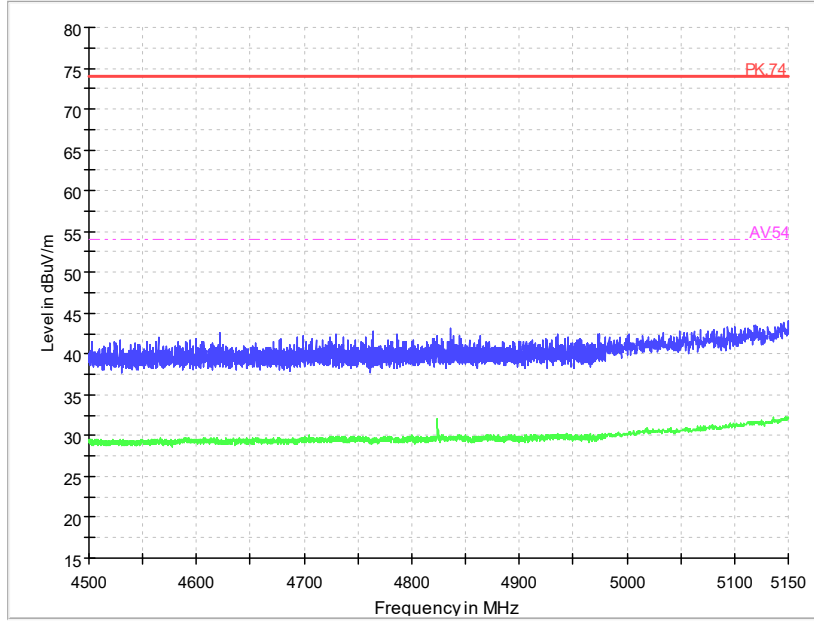
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization: V



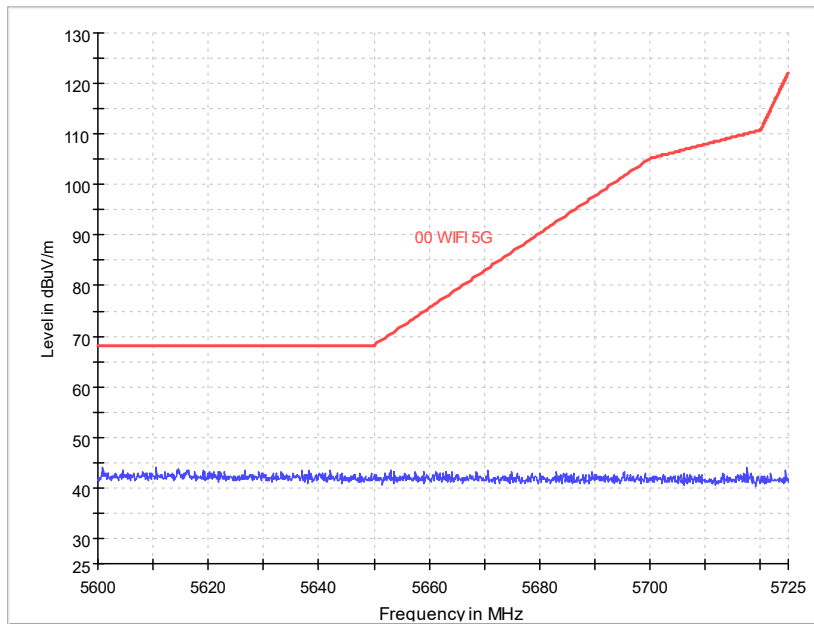
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11a
Polarization: H



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

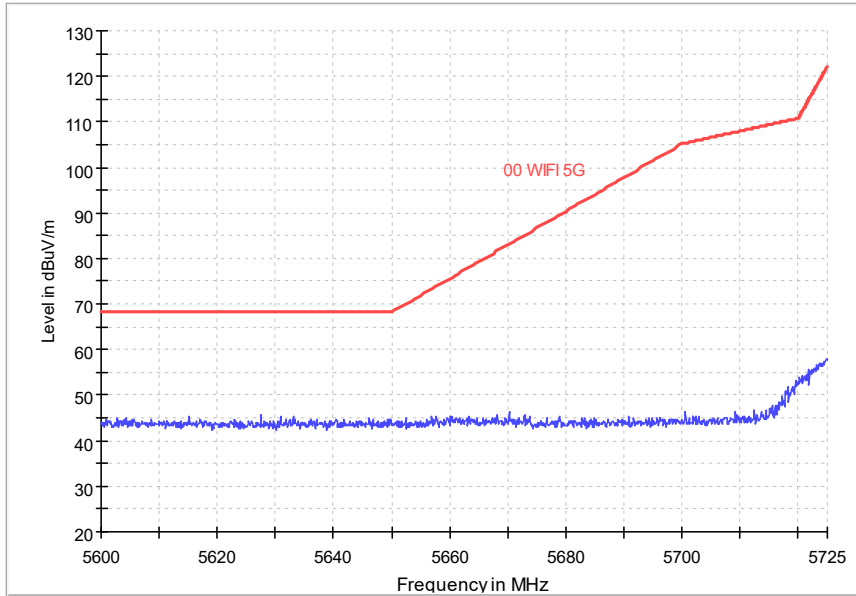


Radiated Emission Band Edge
Channel No.:36
Test Mode: 802.11n
Polarization: H

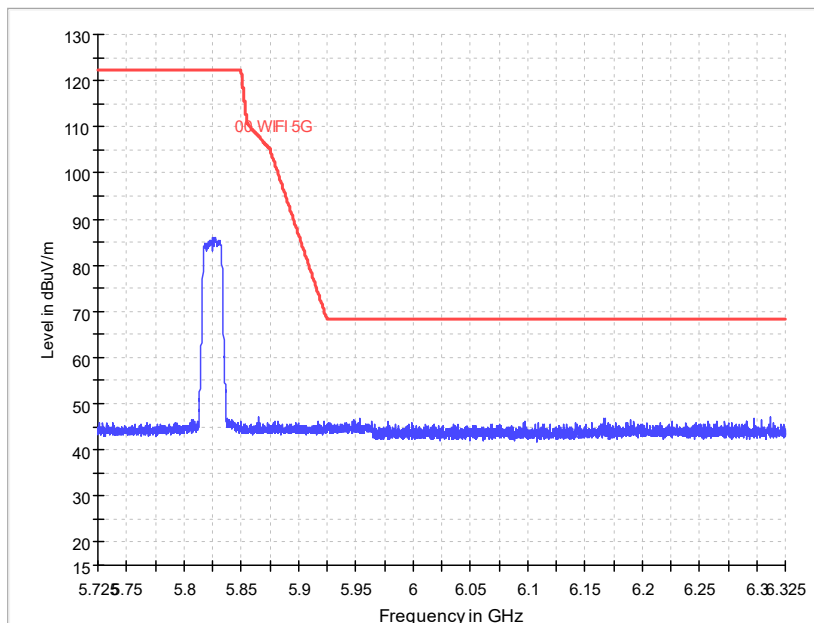


Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization: V

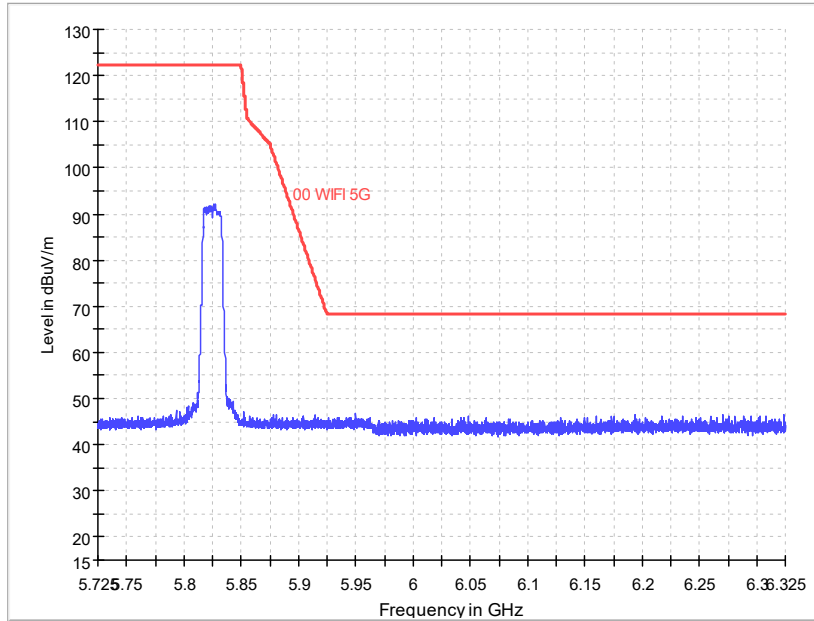
002C_FCC 5.6-5.725



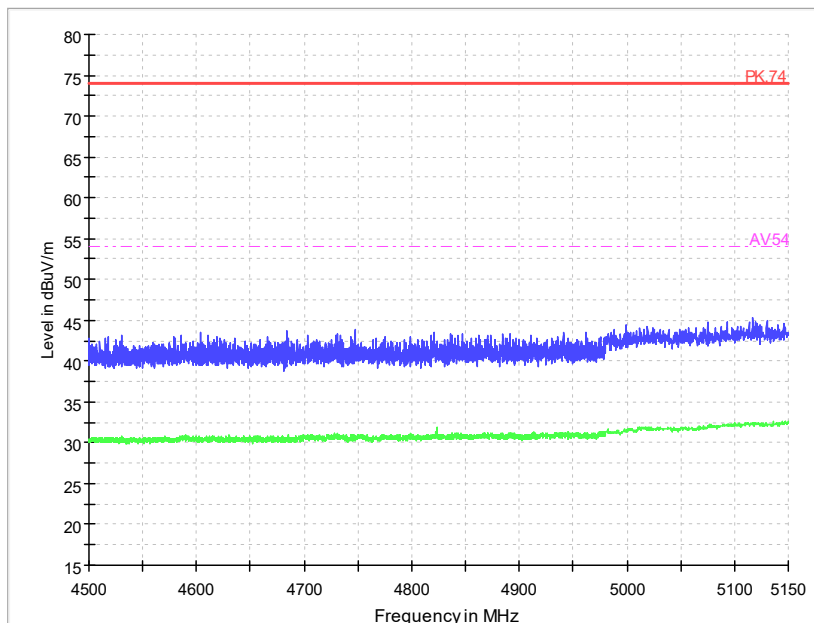
Radiated Emission Band Edge
Channel No.:149
Test Mode: 802.11n
Polarization: H



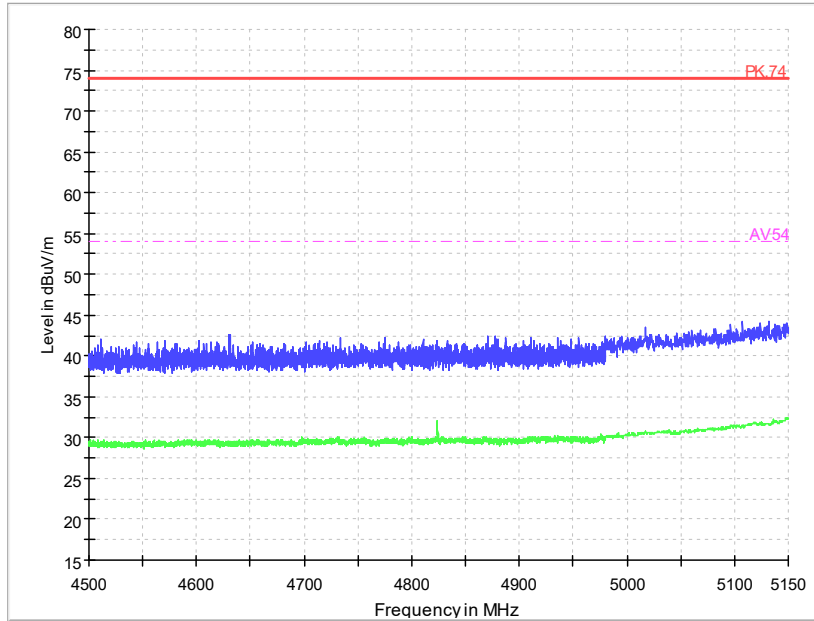
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization: V



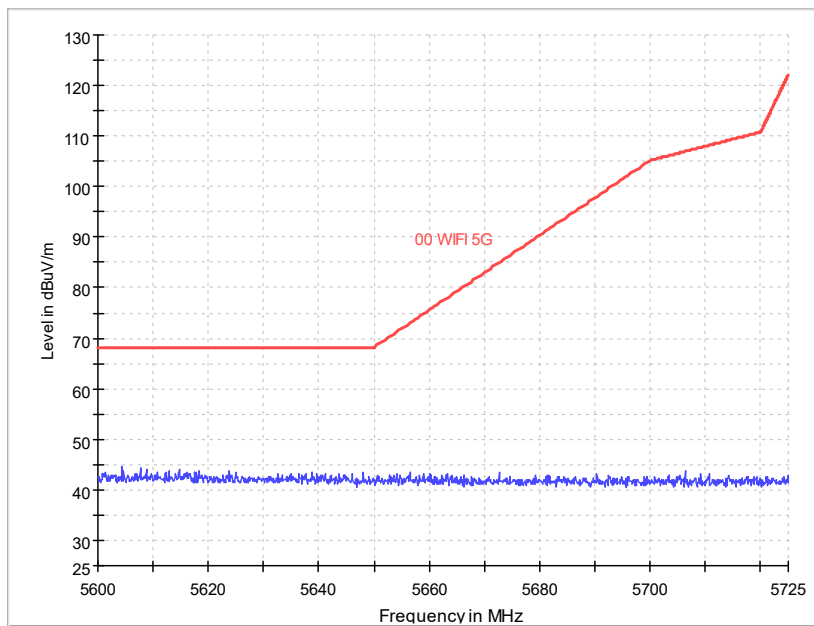
Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11n
Polarization: H



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

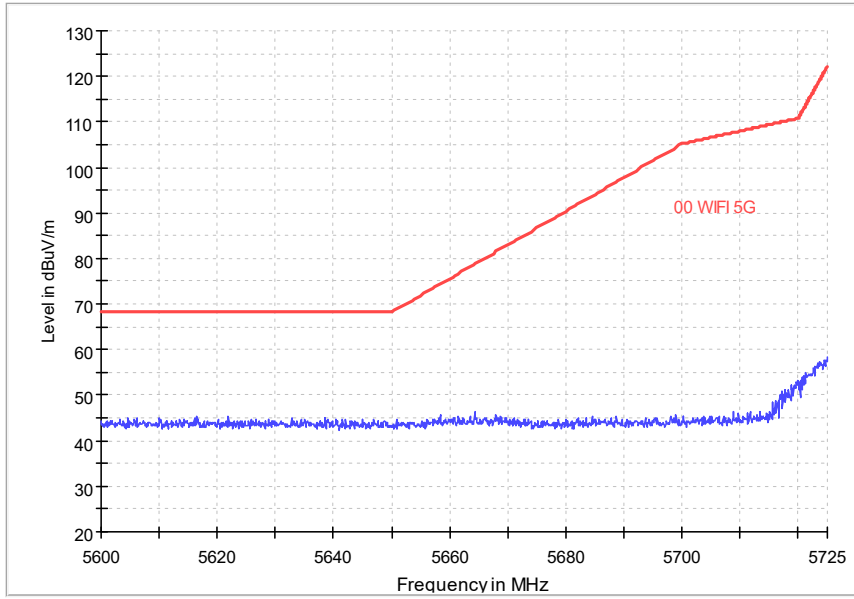


Radiated Emission Band Edge
 Channel No.:36
 Test Mode: 802.11ac
 Polarization: H

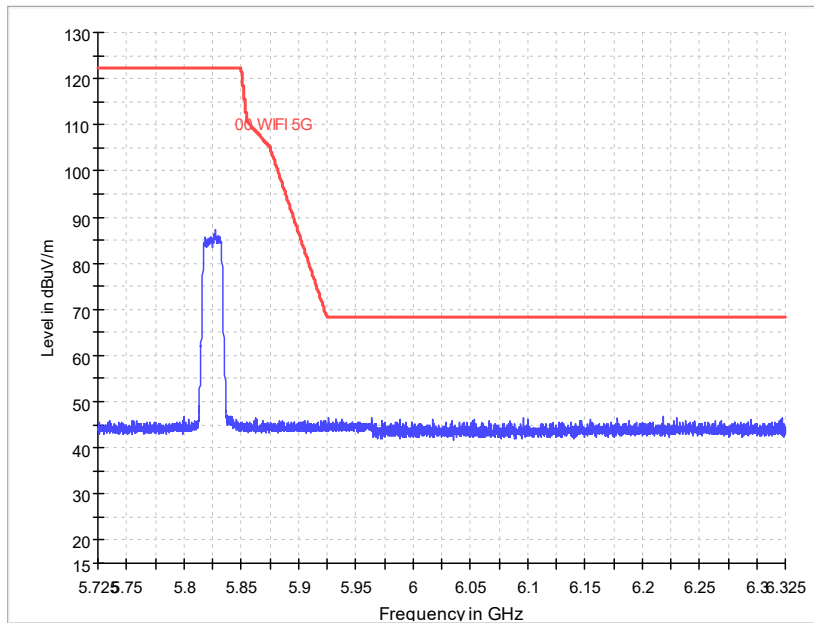


Radiated Emission Band Edge
 Channel No.:149
 Test Mode: 802.11ac
 Polarization: V

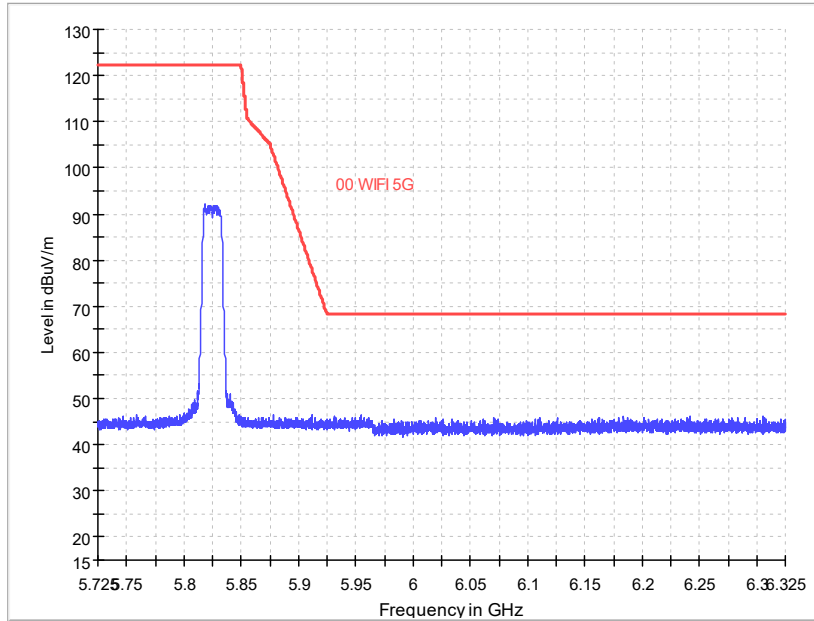
002C_FCC 5.6-5.725



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

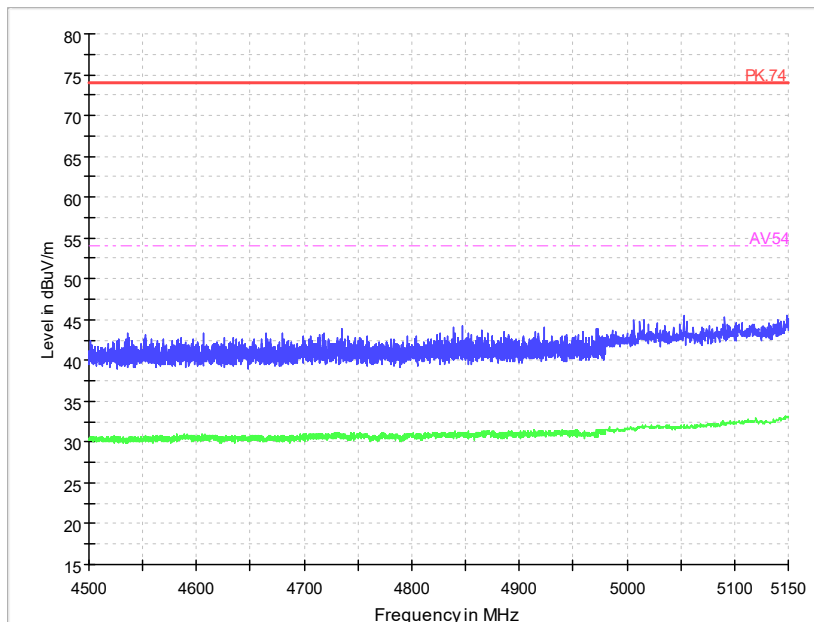


Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization: V

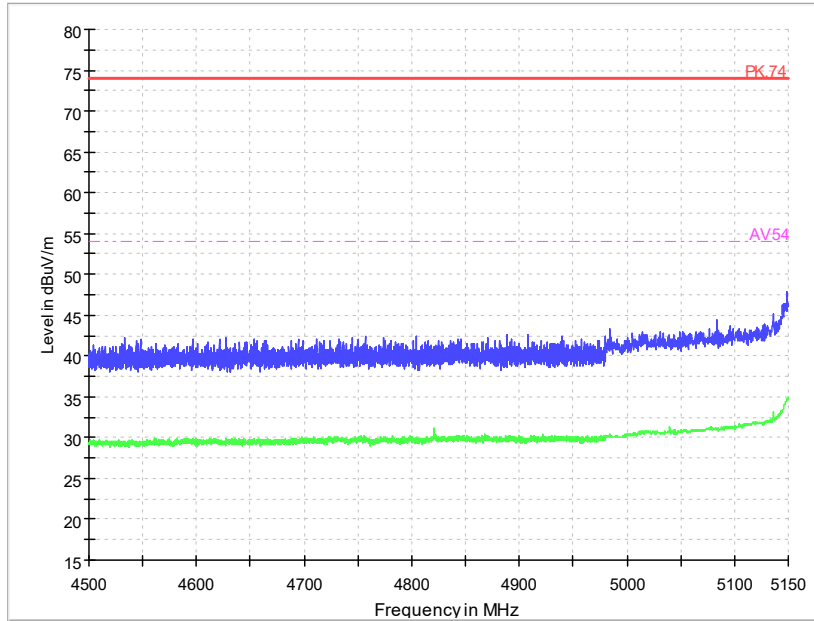


Radiated Emission Band Edge
Channel No.:165
Test Mode: 802.11ac
Polarization: H

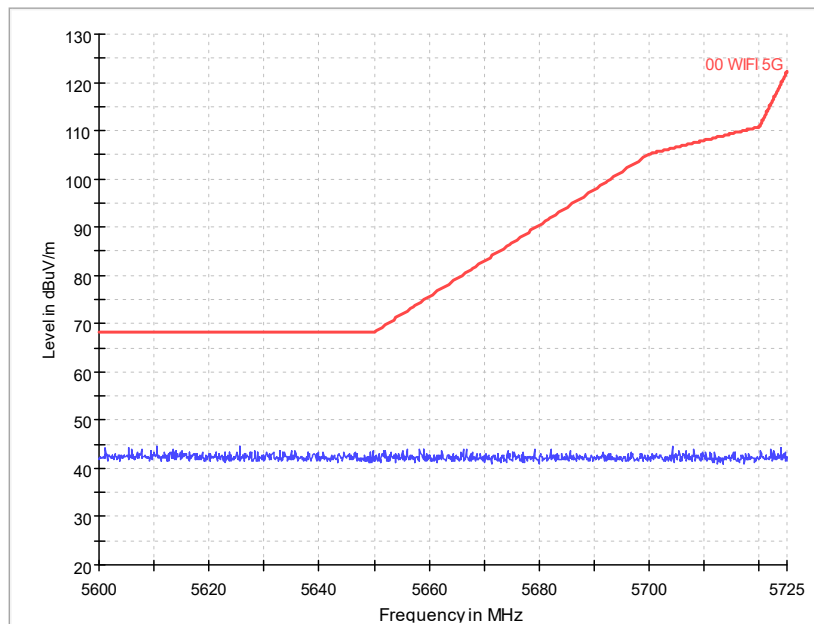
40M



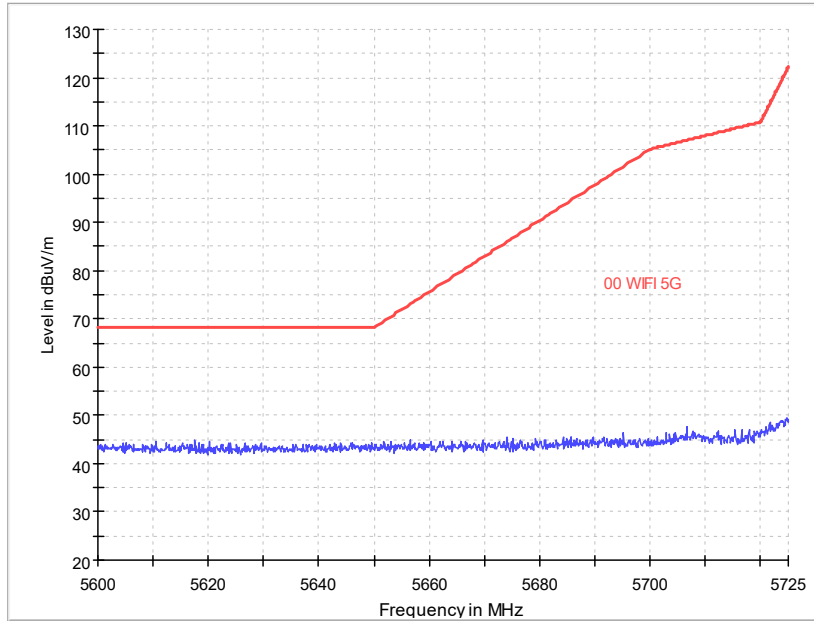
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11n
Polarization: V



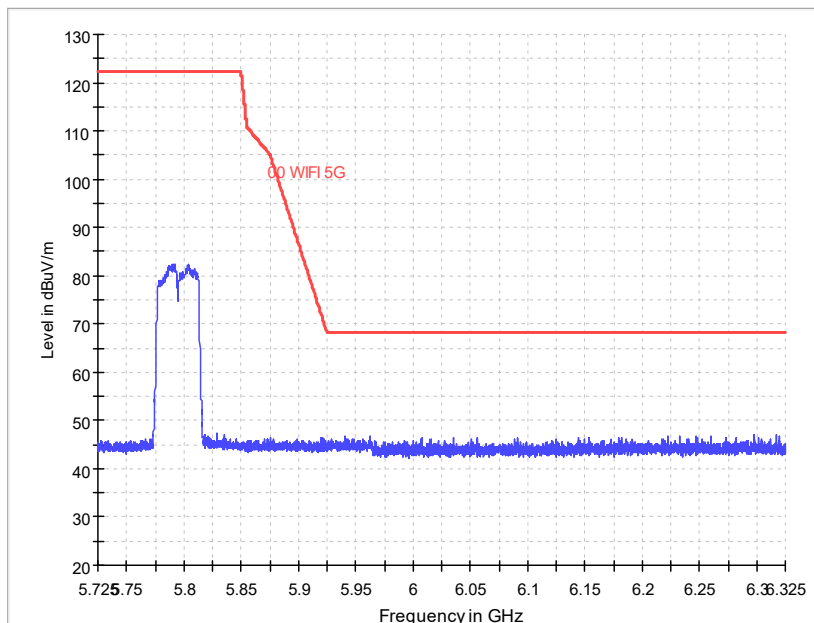
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11n
Polarization: H



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

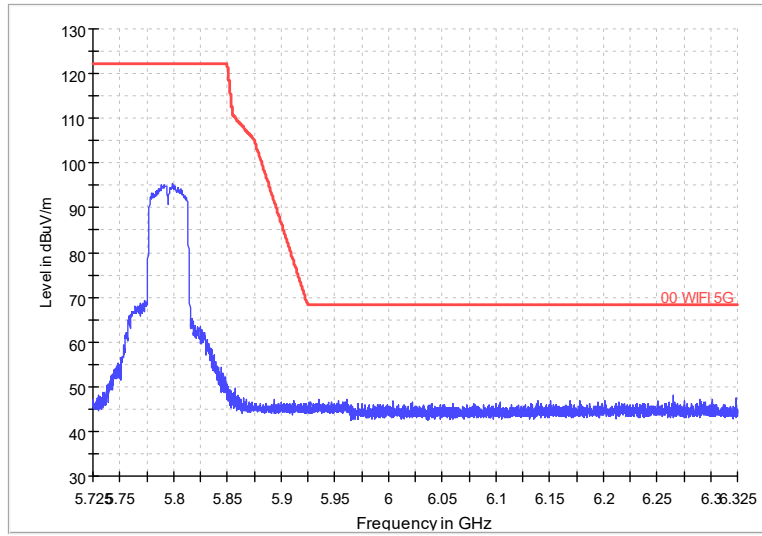


Radiated Emission Band Edge
Channel No.:151
Test Mode: 802.11n
Polarization: H

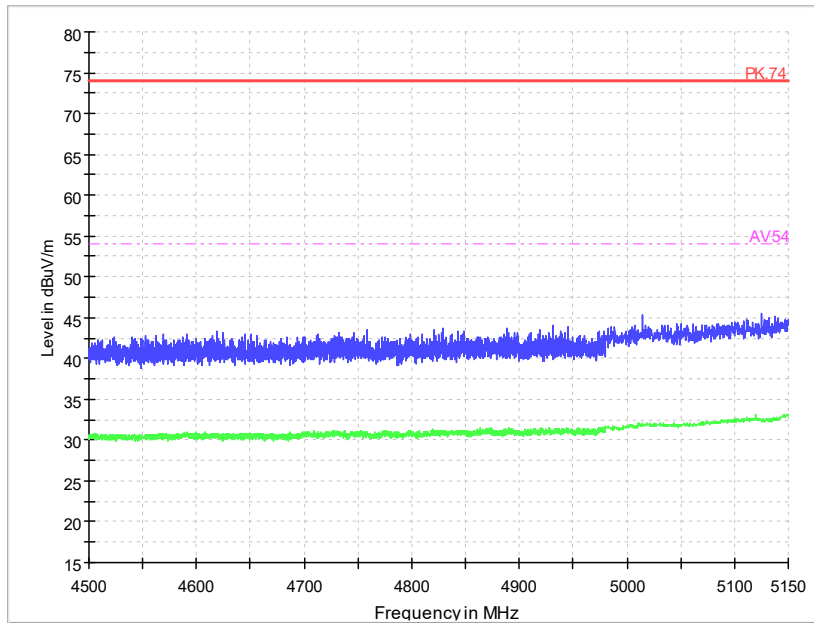


Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization: V

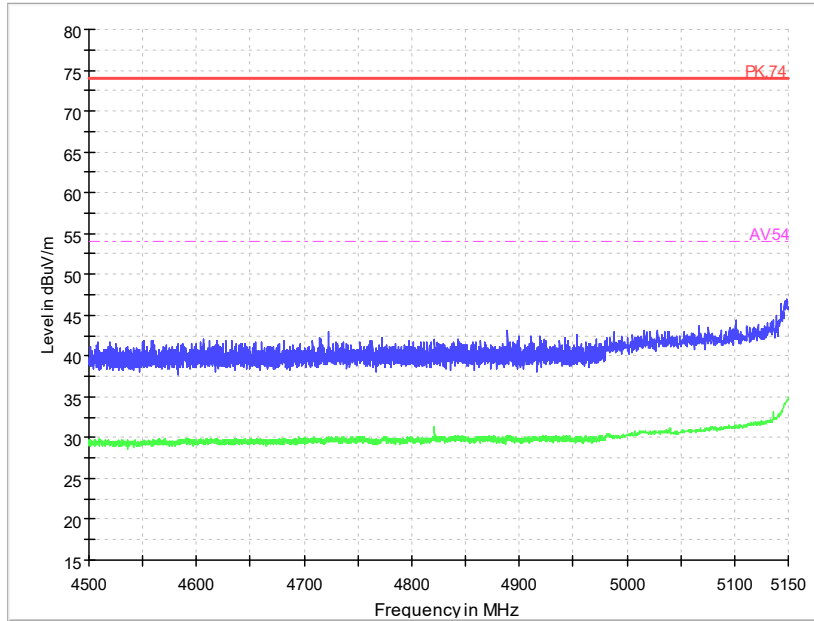
002C_FCC 5.725-6.325



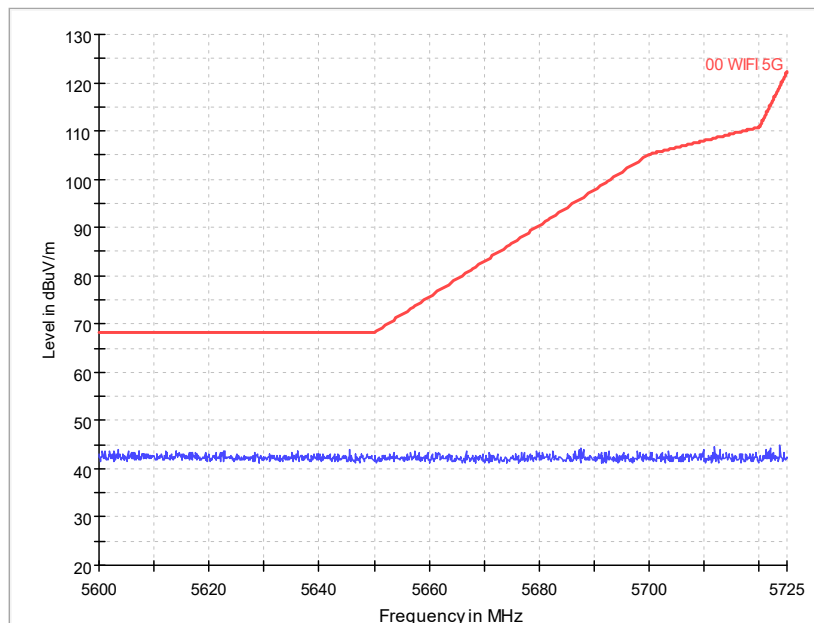
Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11n
Polarization: H



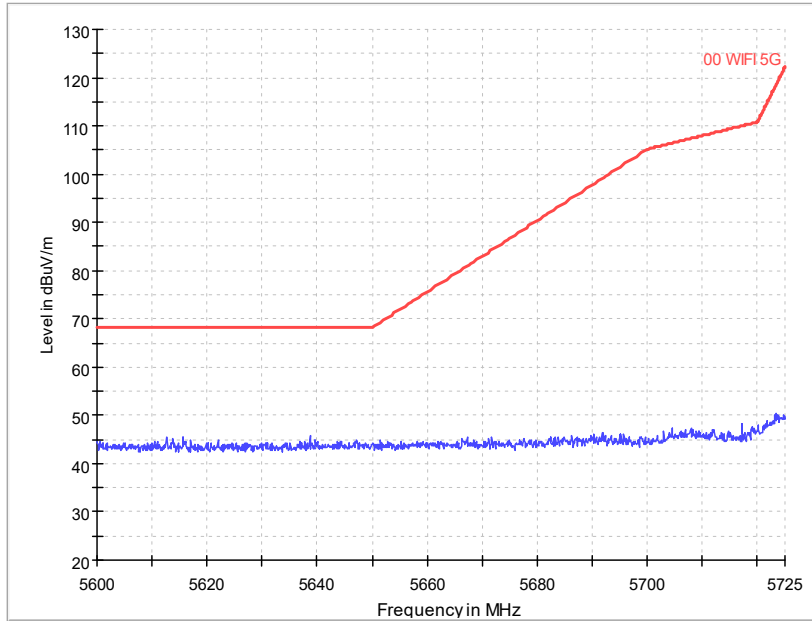
Radiated Emission Band Edge
Channel No.:38
Test Mode: 802.11ac
Polarization: V



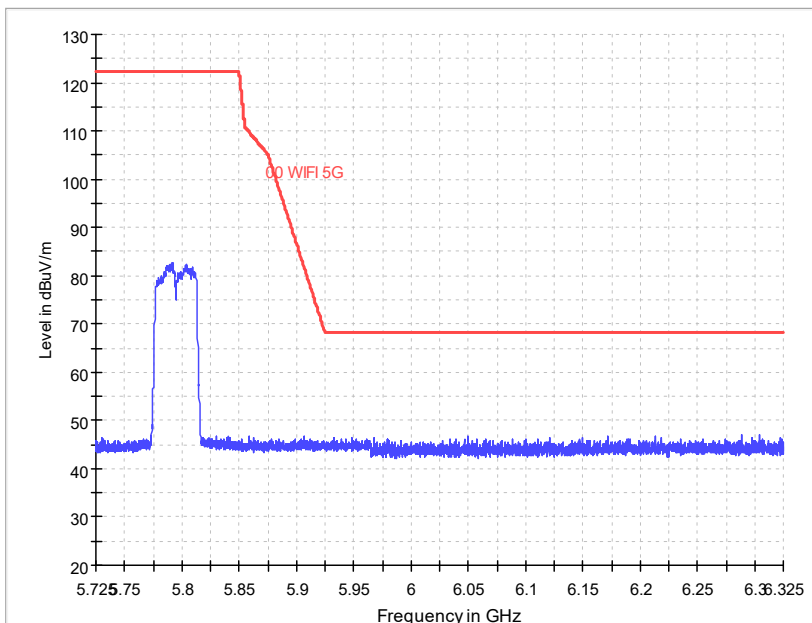
Radiated Emission Band Edge
 Channel No.:38
 Test Mode: 802.11ac
 Polarization: H



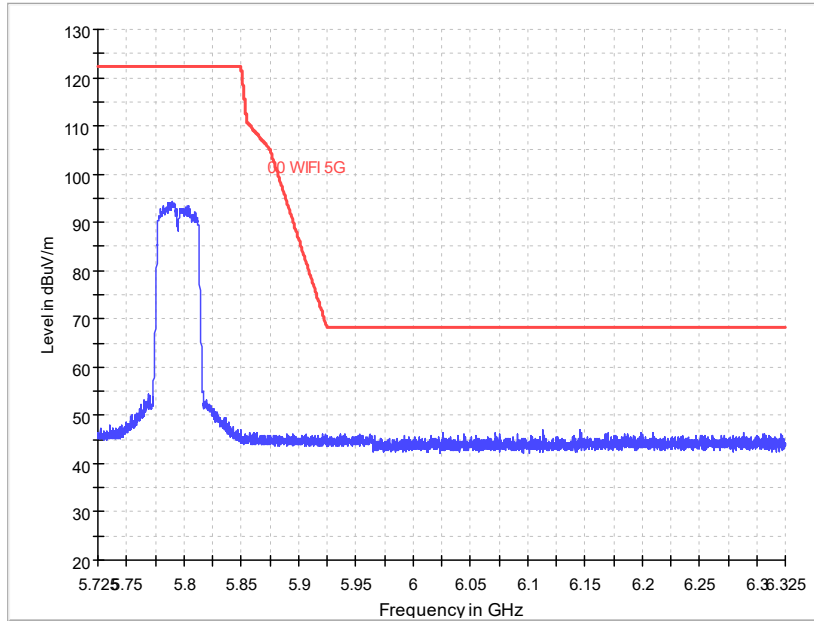
Radiated Emission Band Edge
 Channel No.:151
 Test Mode: 802.11ac
 Polarization: V



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

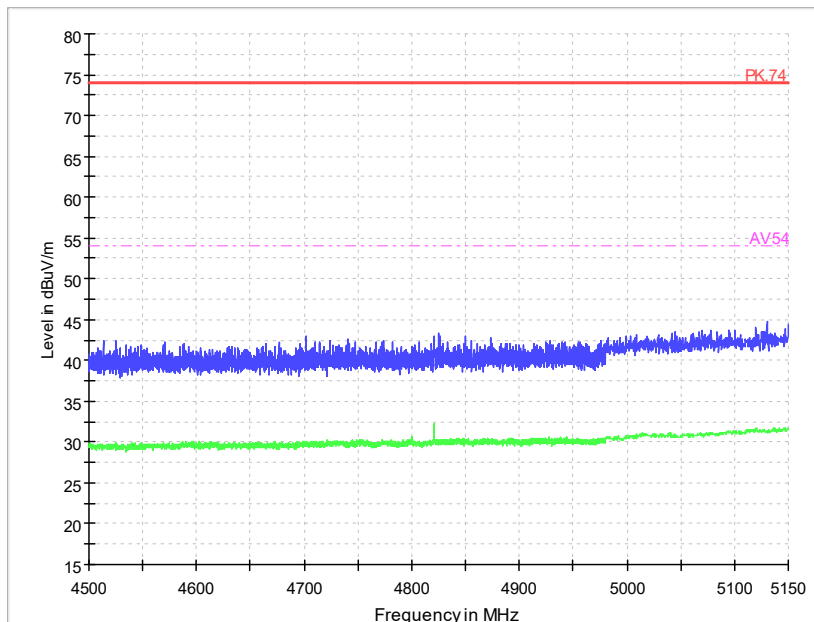


Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization: V

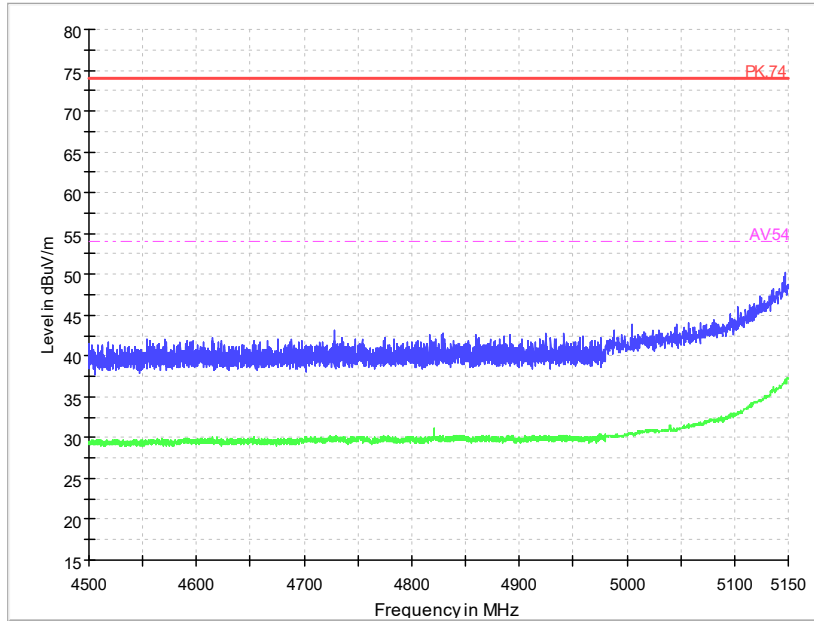


Radiated Emission Band Edge
Channel No.:159
Test Mode: 802.11ac
Polarization: H

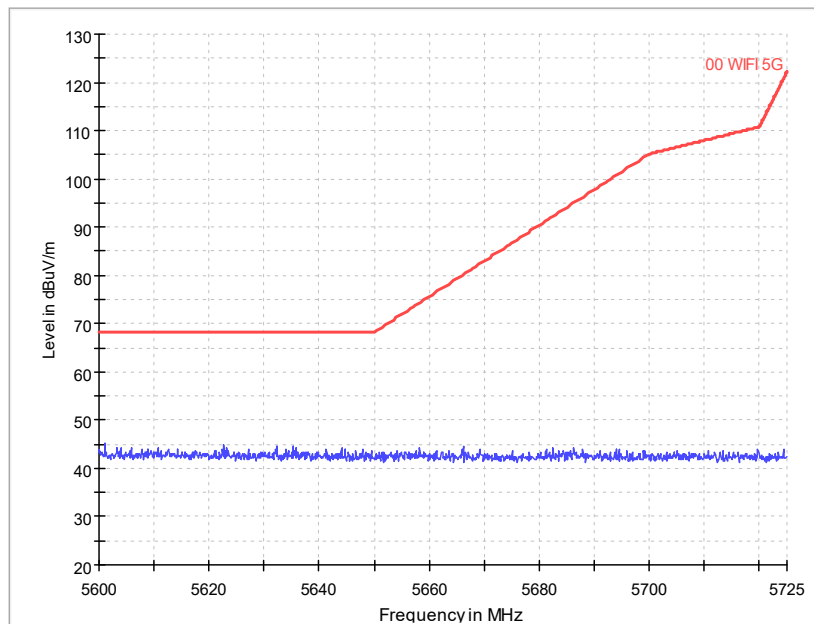
80M



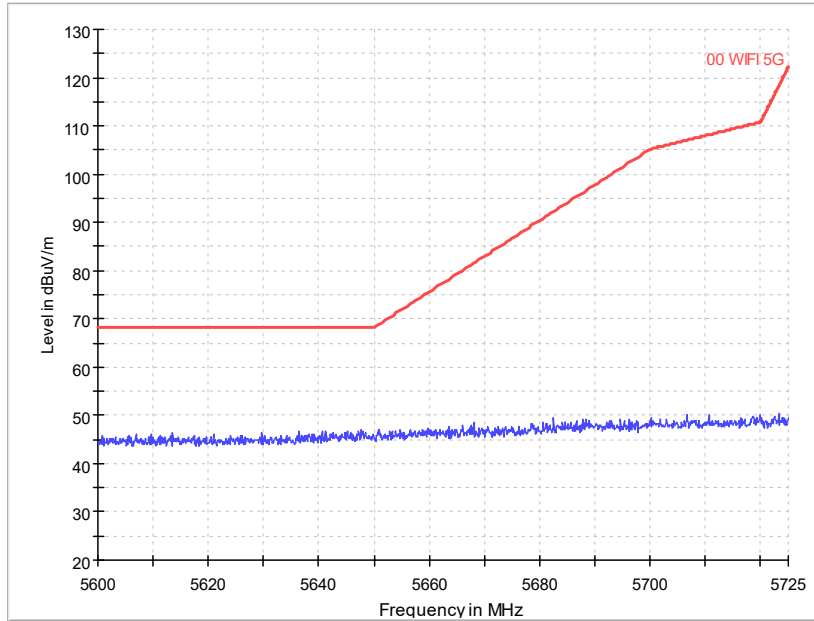
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ac
Polarization: V



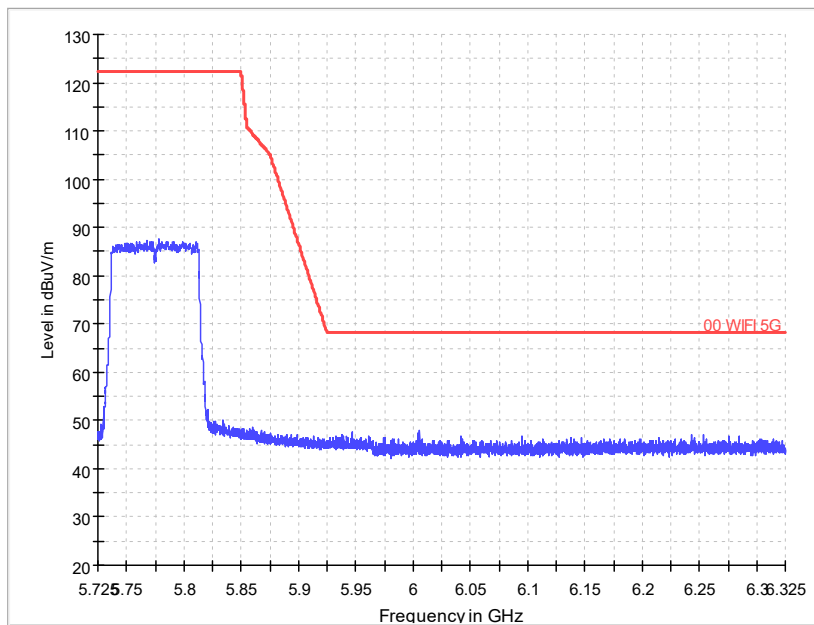
Radiated Emission Band Edge
Channel No.:42
Test Mode: 802.11ac
Polarization: H



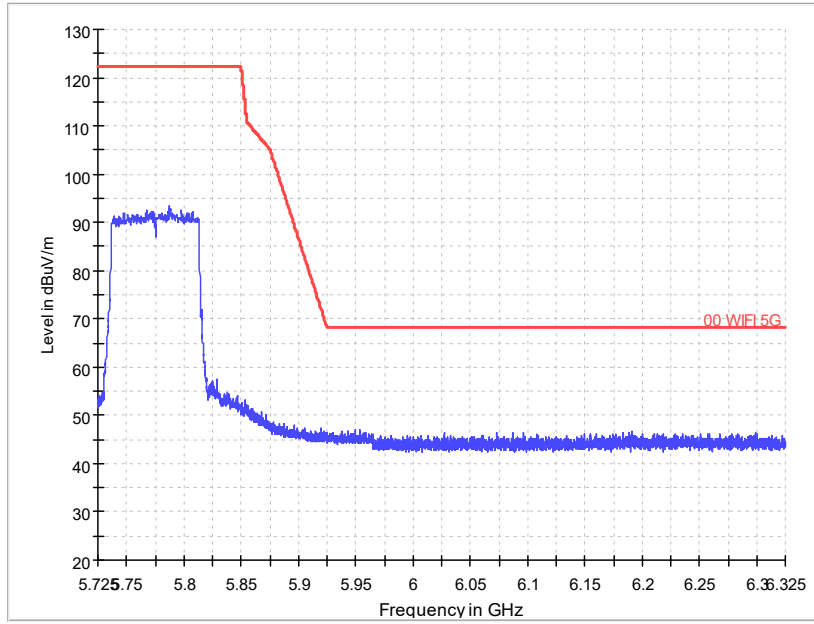
Radiated Emission Band Edge
Channel No.:155
Test Mode: 802.11ac
Polarization: V



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:

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

Sample calculation: $(26.37 \text{ dB}\mu\text{V/m}) = (45.77 \text{ dB}\mu\text{V}) + (-19.4 \text{ dB/m})$, the corresponding frequency is 38.5845 MHz.

For 802.11a Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.37	-19.4	45.77	Vertical	40	13.63
60.7005	27.59	-20	47.59	Vertical	40	12.41
152.705	11.23	-22.6	33.83	Vertical	43.5	32.27
173.4145	9.98	-21.6	31.58	Vertical	43.5	33.52
499.965	27.48	-12.2	39.68	Vertical	46	18.52
574.7035	23.93	-10.7	34.63	Vertical	46	22.07

For 802.11n(HT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.2265	25.66	-19.6	45.26	Vertical	40	14.34
60.749	28.11	-20.1	48.21	Vertical	40	11.89
154.5965	10.27	-22.5	32.77	Vertical	43.5	33.23
173.3175	9.99	-21.6	31.59	Vertical	43.5	33.51
500.0135	28.59	-12.2	40.79	Vertical	46	17.41
577.274	23.36	-10.6	33.96	Vertical	46	22.64

For 802.11ac(VHT20) Channel No.:36

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.42	-19.4	45.82	Vertical	40	13.58
63.077	27.3	-20.6	47.9	Vertical	40	12.7
172.0565	9.84	-21.7	31.54	Vertical	43.5	33.66
310.2815	11.75	-16.8	28.55	Vertical	46	34.25
499.965	27.5	-12.2	39.7	Vertical	46	18.5
576.789	21.08	-10.6	31.68	Vertical	46	24.92

For 802.11a Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea(dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.566	25.89	-19.6	45.49	Vertical	40	14.11

64.9685	27.05	-21.1	48.15	Vertical	40	12.95
152.996	11.04	-22.6	33.64	Vertical	43.5	32.46
176.761	9.92	-21.5	31.42	Vertical	43.5	33.58
500.0135	28.59	-12.2	40.79	Vertical	46	17.42
577.2255	23.74	-10.6	34.34	Vertical	46	22.26

For 802.11n(HT20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.4205	24.52	-19.6	44.12	Vertical	40	15.48
60.7005	27.62	-20	47.62	Vertical	40	12.38
150.086	10.7	-22.7	33.4	Vertical	43.5	32.8
309.845	11.71	-16.8	28.51	Vertical	46	34.29
500.0135	28.59	-12.2	40.79	Vertical	46	17.41
575.043	23.11	-10.7	33.81	Vertical	46	22.89

For 802.11ac(VHT20)Channel No.:44

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.36	-19.4	45.76	Vertical	40	13.64
63.077	27.3	-20.6	47.9	Vertical	40	12.7
152.4625	11.2	-22.6	33.8	Vertical	43.5	32.3
173.269	10.02	-21.6	31.62	Vertical	43.5	33.48
500.0135	28.59	-12.2	40.79	Vertical	46	17.41
577.274	23.33	-10.6	33.93	Vertical	46	22.67

For 802.11aChannel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.275	25.74	-19.6	45.34	Vertical	40	14.26
59.0515	27.03	-19.8	46.83	Vertical	40	12.97
149.407	10.39	-22.7	33.09	Vertical	43.5	33.11
307.1775	11.24	-16.9	28.14	Vertical	46	34.76
499.965	27.52	-12.2	39.72	Vertical	46	18.48
574.752	24.54	-10.7	35.24	Vertical	46	21.46

For 802.11n(HT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.4875	24.87	-19.4	44.27	Vertical	40	15.13
58.6635	25.56	-19.7	45.26	Vertical	40	14.44
149.213	10.18	-22.6	32.78	Vertical	43.5	33.32
174.336	10.45	-21.6	32.05	Vertical	43.5	33.05
500.0135	28.6	-12.2	40.8	Vertical	46	17.4
574.752	24.52	-10.7	35.22	Vertical	46	21.48

For 802.11ac(VHT20)Channel No.:48

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.8755	23.72	-19.3	43.02	Vertical	40	16.28
63.4165	27.77	-20.7	48.47	Vertical	40	12.23
151.8805	11.16	-22.6	33.76	Vertical	43.5	32.34
176.3245	10.18	-21.5	31.68	Vertical	43.5	33.32
500.0135	28.62	-12.2	40.82	Vertical	46	17.38
574.8005	23.86	-10.7	34.56	Vertical	46	22.14

For 802.11n(HT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
36.887	24.31	-19.7	44.01	Vertical	40	15.69
63.7075	27.02	-20.8	47.82	Vertical	40	12.98
153.578	10.86	-22.5	33.36	Vertical	43.5	32.64
173.851	10.19	-21.6	31.79	Vertical	43.5	33.31
500.0135	28.58	-12.2	40.78	Vertical	46	17.42
574.752	24.51	-10.7	35.21	Vertical	46	21.49

For 802.11ac(VHT40)Channel No.:38

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.76	24.19	-19.5	43.69	Vertical	40	15.81
59.391	27.65	-19.8	47.45	Vertical	40	12.35
152.802	11.08	-22.6	33.68	Vertical	43.5	32.42
249.996	14.97	-18.5	33.47	Vertical	46	31.03
500.0135	28.58	-12.2	40.78	Vertical	46	17.42
574.9945	23.19	-10.7	33.89	Vertical	46	22.81

For 802.11n(HT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.245	26.43	-19.4	45.83	Vertical	40	13.57
63.562	26.31	-20.8	47.11	Vertical	40	13.69
152.0745	11.15	-22.6	33.75	Vertical	43.5	32.35
249.996	14.91	-18.5	33.41	Vertical	46	31.09
499.965	27.54	-12.2	39.74	Vertical	46	18.46
574.752	24.5	-10.7	35.2	Vertical	46	21.5

For 802.11ac(VHT40)Channel No.:46

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.566	25.88	-19.6	45.48	Vertical	40	14.12
63.9015	26.44	-20.8	47.24	Vertical	40	13.56
157.07	9.19	-22.3	31.49	Vertical	43.5	34.31

173.56	10.11	-21.6	31.71	Vertical	43.5	33.39
500.0135	28.58	-12.2	40.78	Vertical	46	17.42
577.2255	23.66	-10.6	34.26	Vertical	46	22.34

For 802.11ac(VHT80)Channel No.:42

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.1965	25.22	-19.5	44.72	Vertical	40	14.78
65.2595	26.77	-21.2	47.97	Vertical	40	13.23
150.377	10.85	-22.7	33.55	Vertical	43.5	32.65
173.754	10.21	-21.6	31.81	Vertical	43.5	33.29
500.0135	28.61	-12.2	40.81	Vertical	46	17.39
574.752	24.5	-10.7	35.2	Vertical	46	21.5

For 802.11aChannel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
36.8385	23.02	-19.7	42.72	Vertical	40	16.98
64.435	28.2	-21	49.2	Vertical	40	11.8
151.735	11.1	-22.6	33.7	Vertical	43.5	32.4
174.724	10.58	-21.6	32.18	Vertical	43.5	32.92
499.965	27.55	-12.2	39.75	Vertical	46	18.45
575.043	23.06	-10.7	33.76	Vertical	46	22.94

For 802.11n(HT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.245	26.54	-19.4	45.94	Vertical	40	13.46
62.689	25.83	-20.5	46.33	Vertical	40	14.17
152.6565	11.09	-22.6	33.69	Vertical	43.5	32.41
175.112	10.61	-21.6	32.21	Vertical	43.5	32.89
500.0135	28.61	-12.2	40.81	Vertical	46	17.39
577.177	22.65	-10.6	33.25	Vertical	46	23.35

For 802.11ac(VHT20)Channel No.:149

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.178	24.38	-19.6	43.98	Vertical	40	15.62
59.973	26.96	-19.9	46.86	Vertical	40	13.04
153.6265	10.68	-22.5	33.18	Vertical	43.5	32.82
175.5	10.49	-21.6	32.09	Vertical	43.5	33.01
500.0135	28.61	-12.2	40.81	Vertical	46	17.39
576.9345	21.68	-10.6	32.28	Vertical	46	24.32

For 802.11aChannel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.536	25.35	-19.4	44.75	Vertical	40	14.65
60.749	28.15	-20.1	48.25	Vertical	40	11.85
152.8505	11.08	-22.6	33.68	Vertical	43.5	32.42
174.6755	10.6	-21.6	32.2	Vertical	43.5	32.9
500.0135	28.59	-12.2	40.79	Vertical	46	17.41
577.274	23.24	-10.6	33.84	Vertical	46	22.76

For 802.11n(HT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.245	26.47	-19.4	45.87	Vertical	40	13.53
61.719	27.34	-20.3	47.64	Vertical	40	12.66
154.742	9.97	-22.5	32.47	Vertical	43.5	33.53
175.3545	10.57	-21.6	32.17	Vertical	43.5	32.93
500.0135	28.6	-12.2	40.8	Vertical	46	17.4
574.752	24.45	-10.7	35.15	Vertical	46	21.55

For 802.11ac(VHT20)Channel No.:157

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.38	-19.4	45.78	Vertical	40	13.62
59.779	27.59	-19.8	47.39	Vertical	40	12.41
152.511	11.15	-22.6	33.75	Vertical	43.5	32.35
302.4245	11.47	-17	28.47	Vertical	46	34.53
499.965	27.57	-12.2	39.77	Vertical	46	18.43
574.752	24.44	-10.7	35.14	Vertical	46	21.56

For 802.11aChannel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.536	25.42	-19.4	44.82	Vertical	40	14.58
60.0215	27.68	-19.9	47.58	Vertical	40	12.32
173.1235	10.08	-21.6	31.68	Vertical	43.5	33.42
249.996	14.91	-18.5	33.41	Vertical	46	31.09
500.0135	28.6	-12.2	40.8	Vertical	46	17.4
574.9945	23.12	-10.7	33.82	Vertical	46	22.88

For 802.11n(HT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.4205	24.52	-19.6	44.12	Vertical	40	15.48
61.1855	26.4	-20.2	46.6	Vertical	40	13.6
151.347	11.08	-22.6	33.68	Vertical	43.5	32.42

174.4815	10.57	-21.6	32.17	Vertical	43.5	32.93
499.965	27.56	-12.2	39.76	Vertical	46	18.44
574.752	24.45	-10.7	35.15	Vertical	46	21.55

For 802.11ac(VHT20)Channel No.:165

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.275	25.3	-19.6	44.9	Vertical	40	14.7
65.017	26.86	-21.1	47.96	Vertical	40	13.14
151.5895	10.92	-22.6	33.52	Vertical	43.5	32.58
249.996	14.76	-18.5	33.26	Vertical	46	31.24
500.0135	28.43	-12.2	40.63	Vertical	46	17.57
574.752	24.31	-10.7	35.01	Vertical	46	21.69

For 802.11n(HT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.1965	25.28	-19.5	44.78	Vertical	40	14.72
59.3425	26.95	-19.8	46.75	Vertical	40	13.05
150.862	10.89	-22.6	33.49	Vertical	43.5	32.61
249.996	14.85	-18.5	33.35	Vertical	46	31.15
499.965	27.56	-12.2	39.76	Vertical	46	18.44
574.752	24.43	-10.7	35.13	Vertical	46	21.57

For 802.11ac(VHT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.4875	24.91	-19.4	44.31	Vertical	40	15.09
59.9245	26.91	-19.9	46.81	Vertical	40	13.09
153.481	10.82	-22.5	33.32	Vertical	43.5	32.68
175.403	10.65	-21.6	32.25	Vertical	43.5	32.85
500.0135	28.6	-12.2	40.8	Vertical	46	17.4
574.8005	23.76	-10.7	34.46	Vertical	46	22.24

For 802.11n(HT40)Channel No.:159

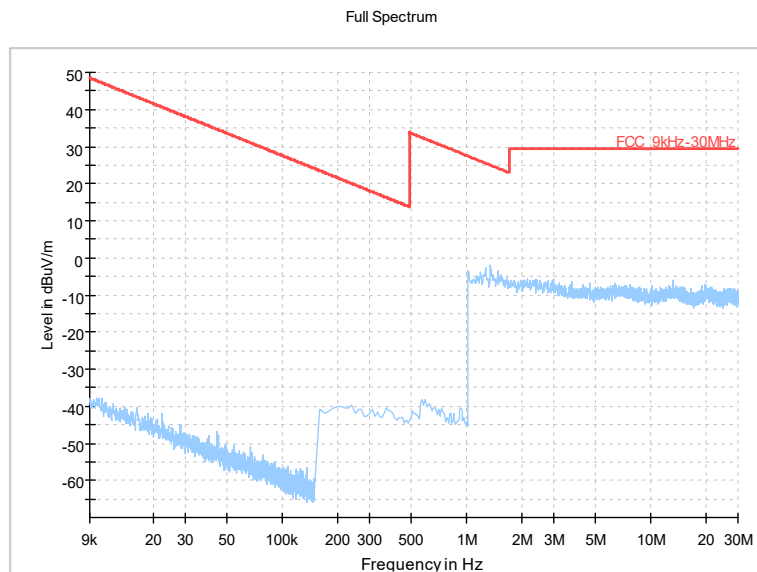
Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.55	-19.4	45.95	Vertical	40	13.45
64.726	27.76	-21	48.76	Vertical	40	12.24
153.1415	11.11	-22.5	33.61	Vertical	43.5	32.39
249.996	15.72	-18.5	34.22	Vertical	46	30.28
500.0135	28.59	-12.2	40.79	Vertical	46	17.41
574.752	24.41	-10.7	35.11	Vertical	46	21.59

For 802.11ac(VHT40)Channel No.:151

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
38.5845	26.58	-19.4	45.98	Vertical	40	13.42
64.726	27.77	-21	48.77	Vertical	40	12.23
155.033	10.25	-22.5	32.75	Vertical	43.5	33.25
249.996	15.69	-18.5	34.19	Vertical	46	30.31
500.0135	28.63	-12.2	40.83	Vertical	46	17.37
574.752	24.42	-10.7	35.12	Vertical	46	21.58

For 802.11ac(VHT80)Channel No.:155

Frequency(MHz)	Result(dBuV/m)	ARpl (dB)	Pmea (dBuV/m)	Polarity	Limit (dBuV/m)	Margin (dB)
37.2265	24.37	-19.6	43.97	Vertical	40	15.64
59.876	26.7	-19.9	46.6	Vertical	40	13.3
149.989	10.56	-22.7	33.26	Vertical	43.5	32.94
249.996	15.71	-18.5	34.21	Vertical	46	30.29
499.965	27.56	-12.2	39.76	Vertical	46	18.44
574.7035	23.87	-10.7	34.57	Vertical	46	22.13

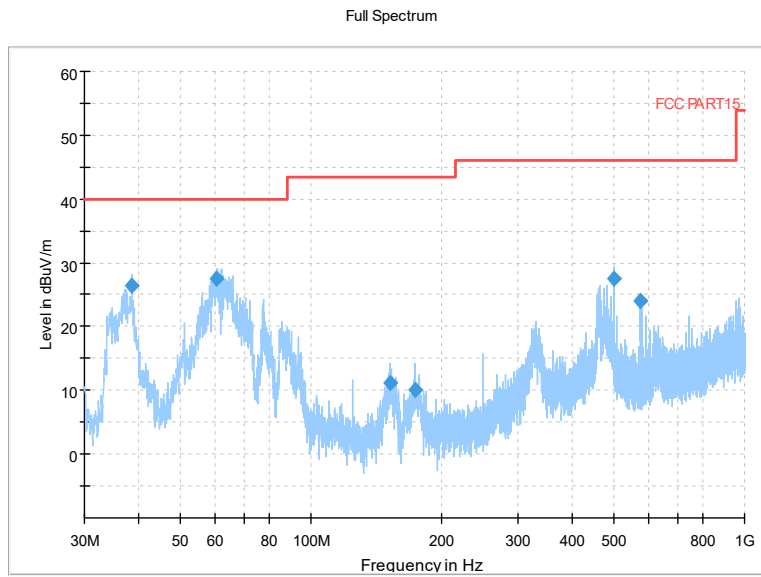


Frequency Range: 9kHz -30MHz

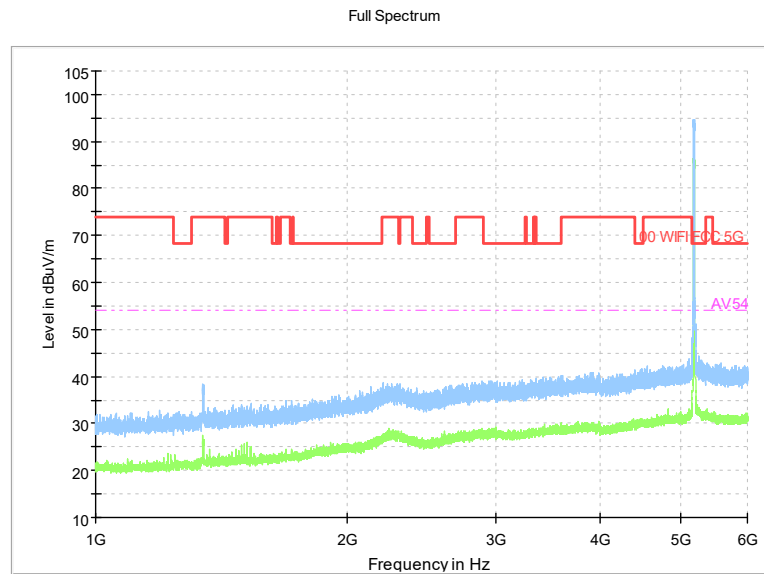
Detector: QP mode

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

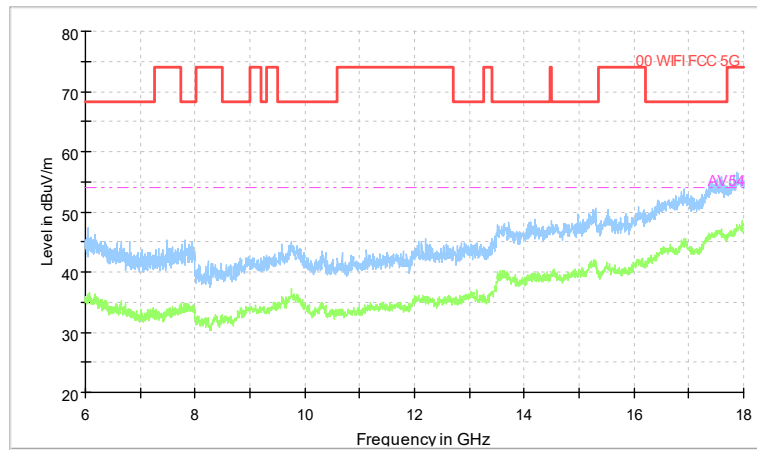


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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

Full Spectrum

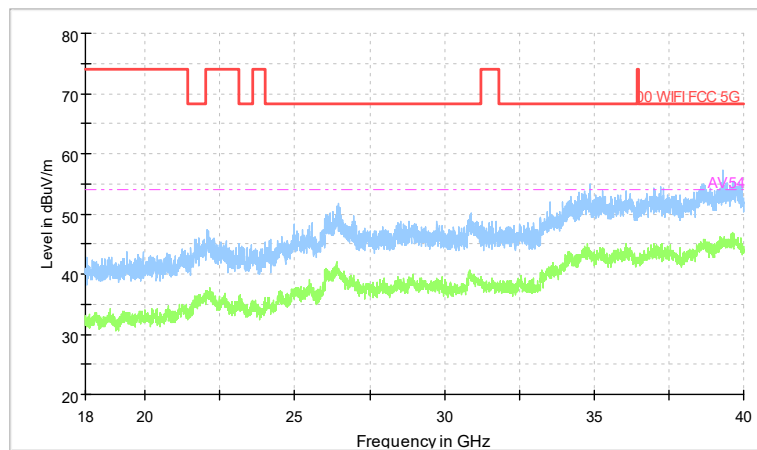


Preview Result 2-AVG 00-WIFI-FCC-5G
Preview Result 1-PK+ AV54

Comment

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

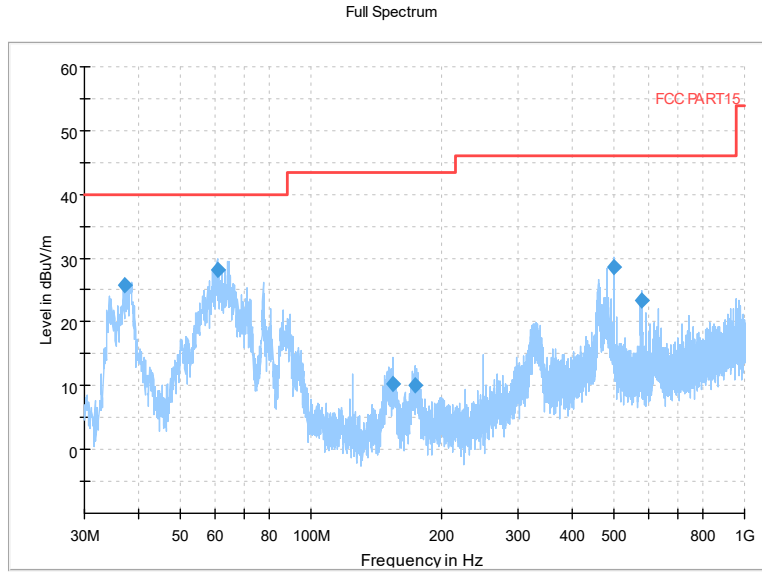
Full Spectrum



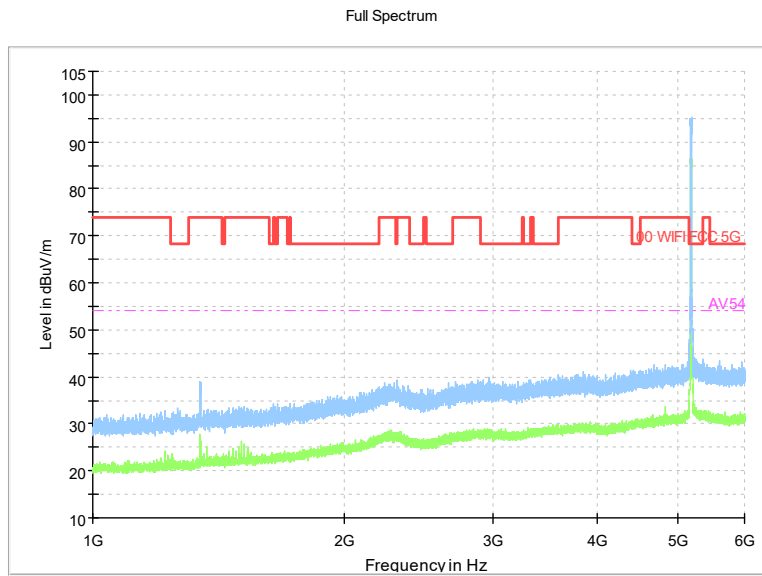
Preview Result 2-AVG 00-WIFI-FCC-5G
Preview Result 1-PK+ AV54

Comment

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

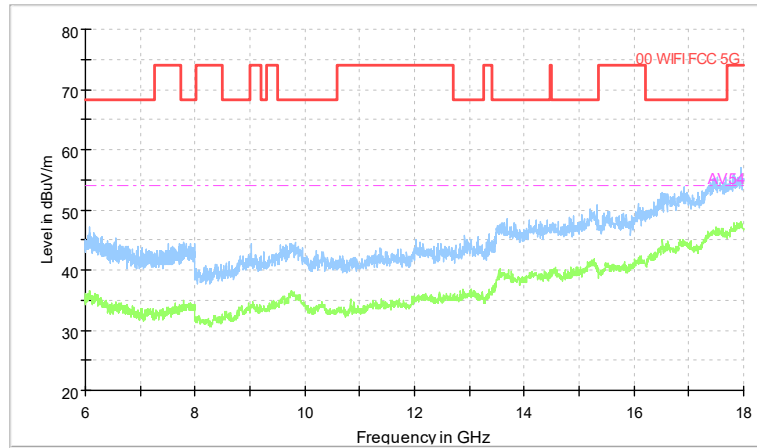


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

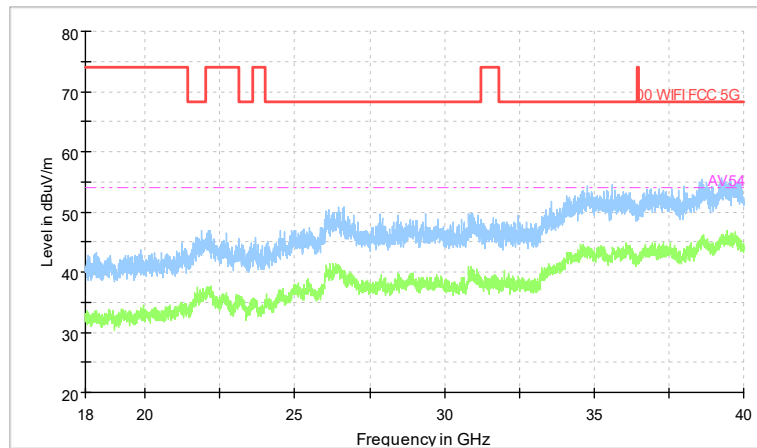


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

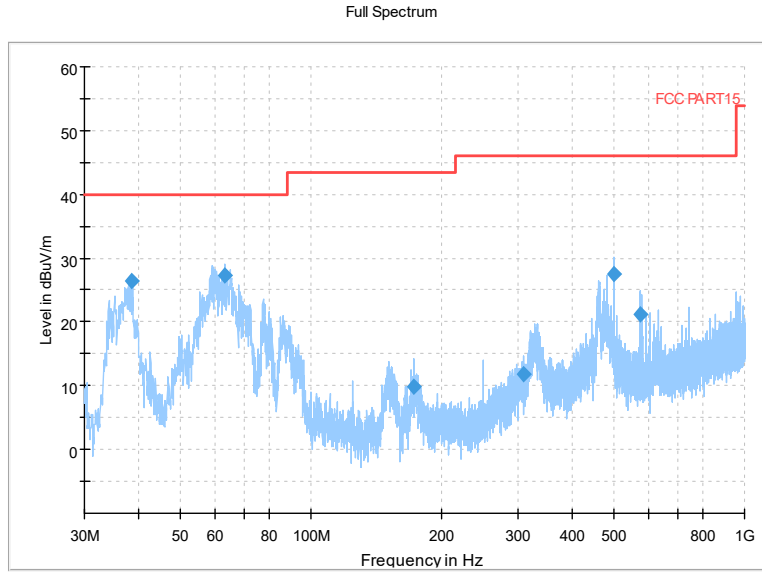
Full Spectrum



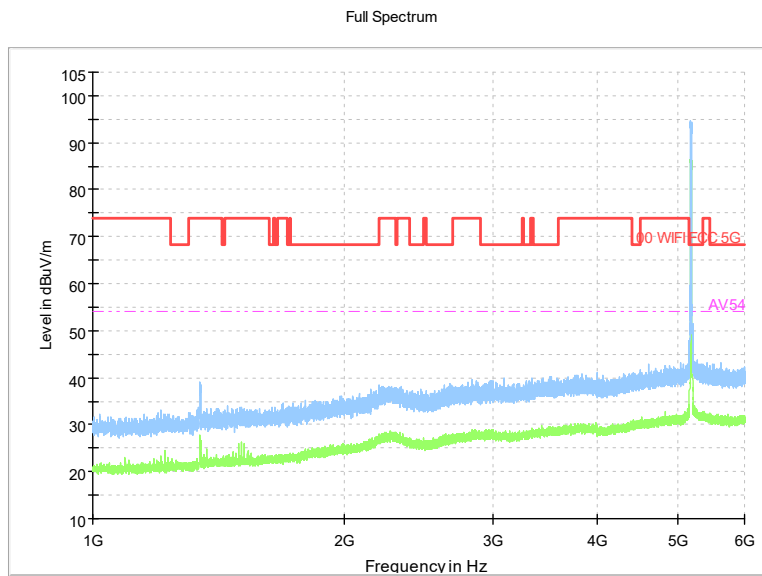
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

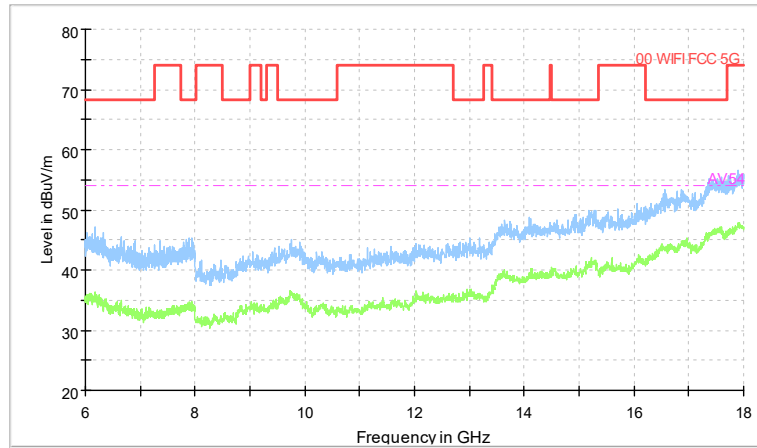


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

Full Spectrum

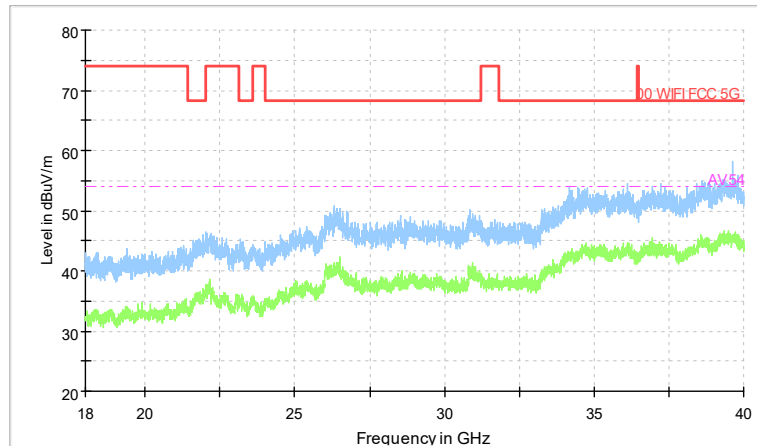


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

Full Spectrum

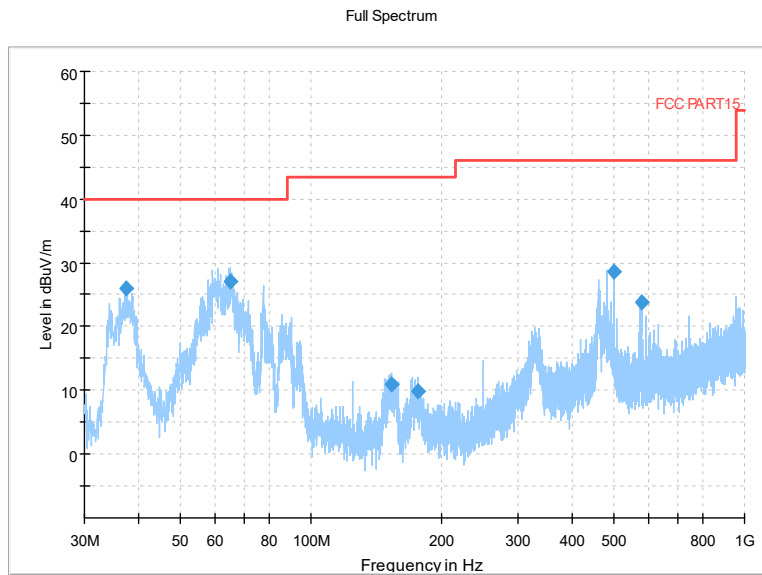


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

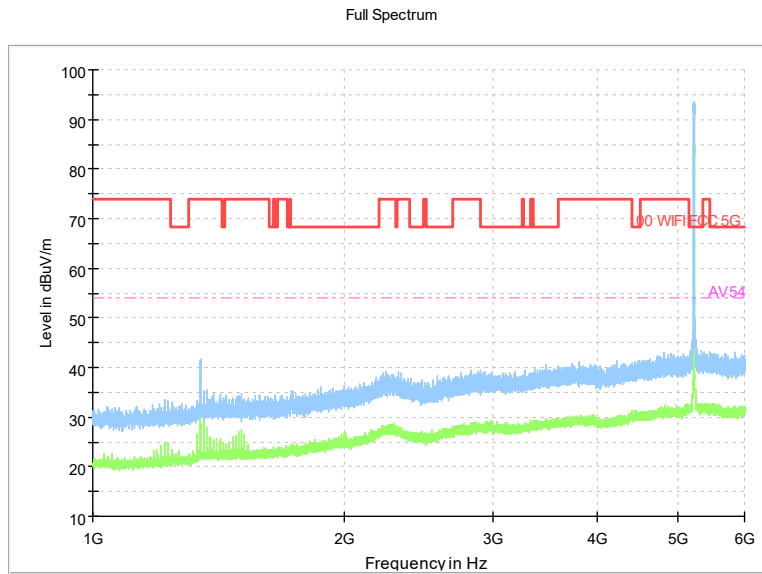
Comment

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

Carrier frequency (MHz): 5220
Channel No.44

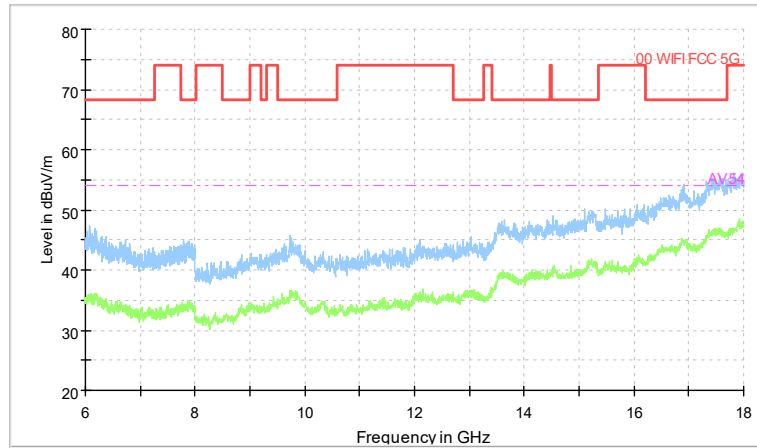


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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

Full Spectrum

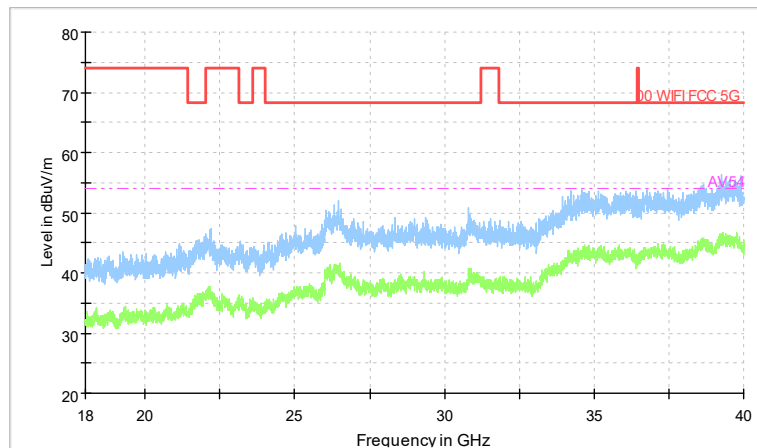


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

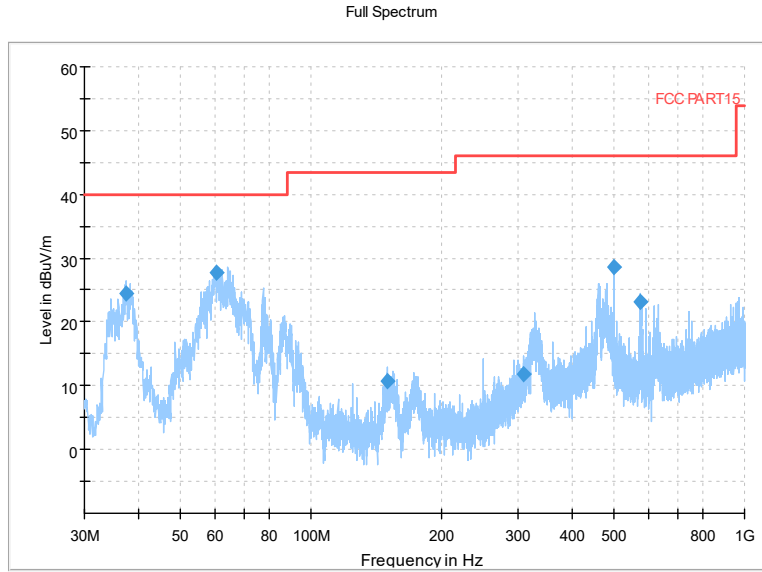
Full Spectrum



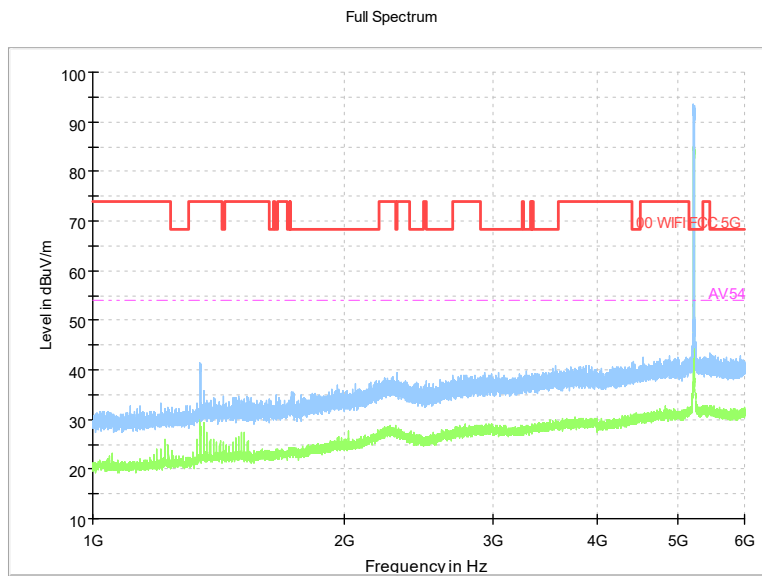
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

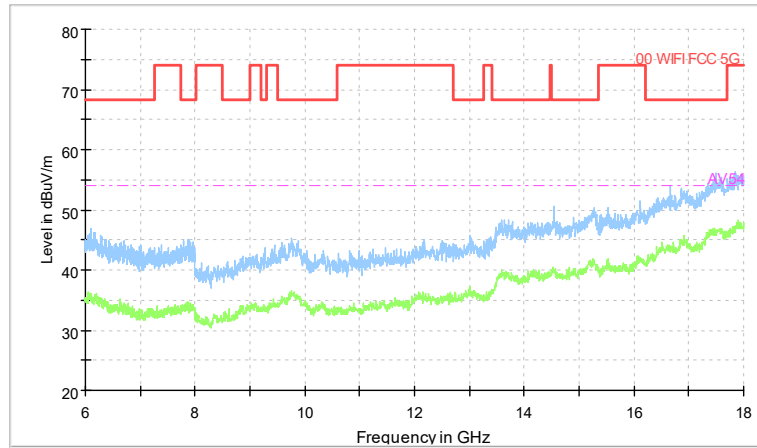


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

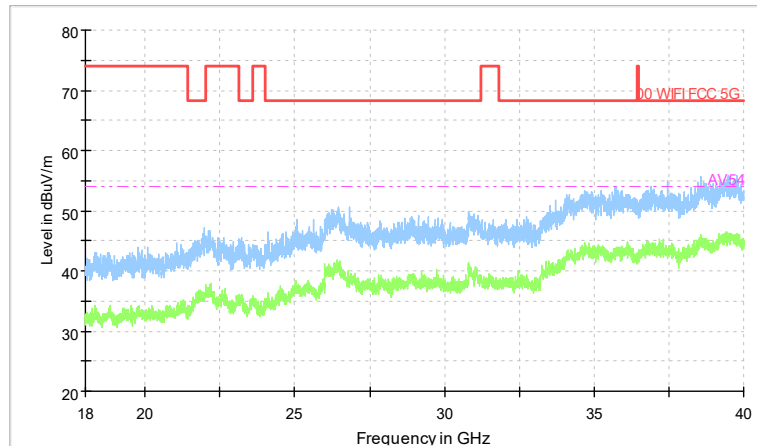


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

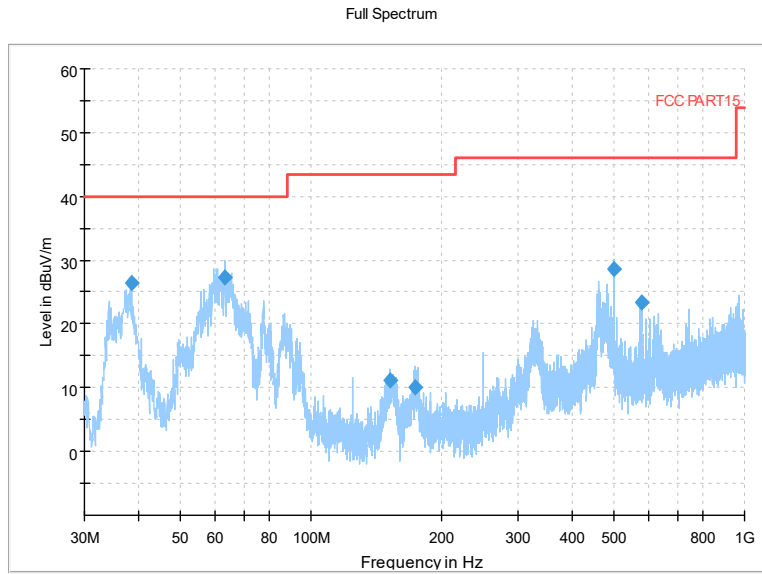
Full Spectrum



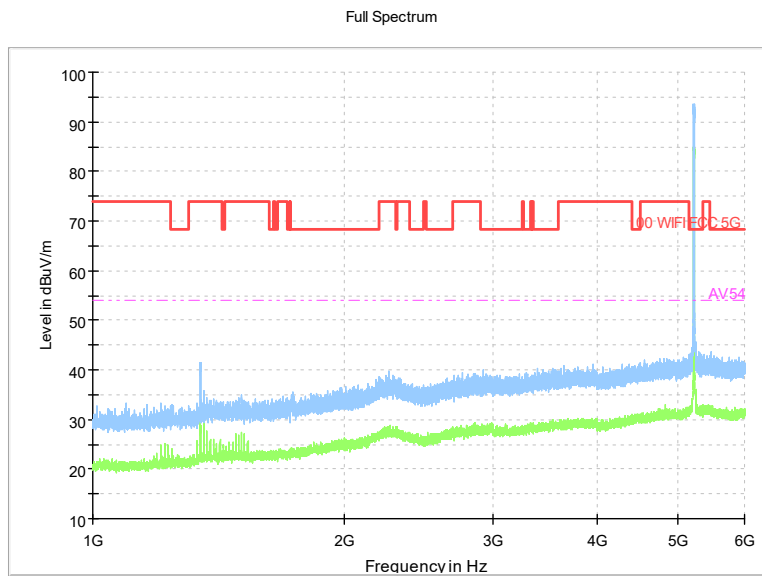
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

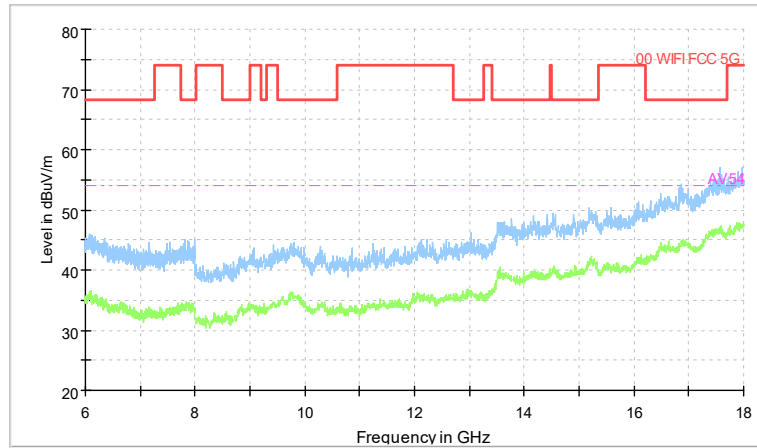


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

Full Spectrum

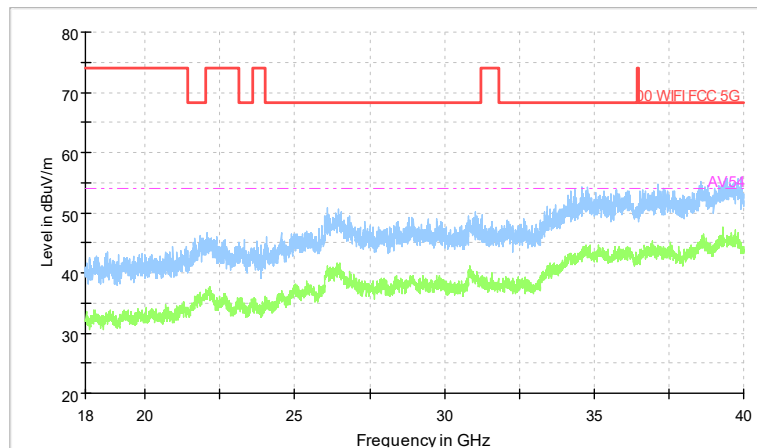


Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

Comment

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

Full Spectrum

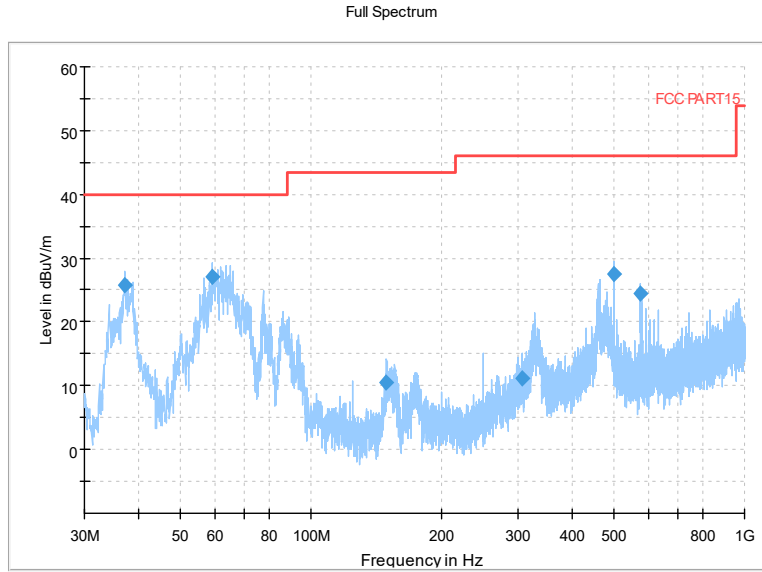


Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

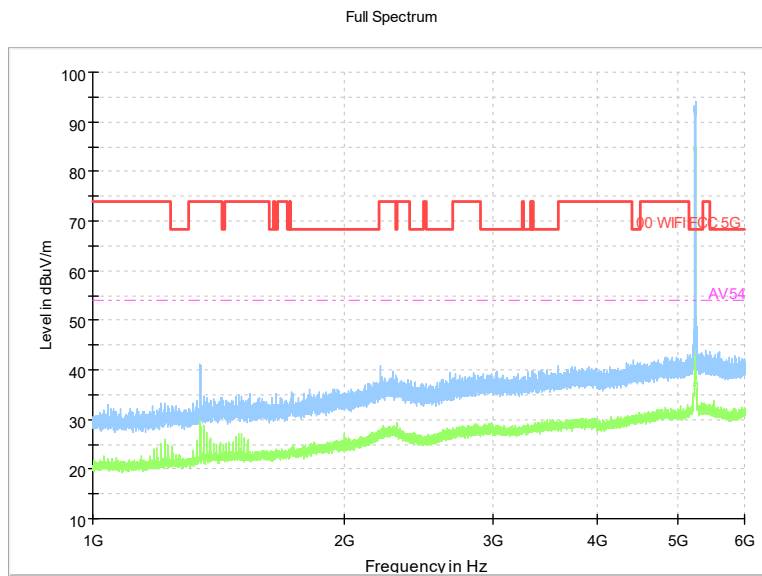
Comment

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

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

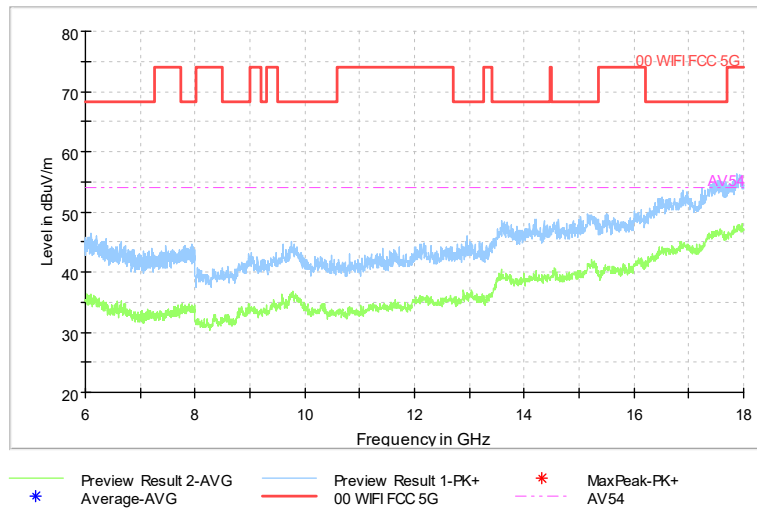


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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

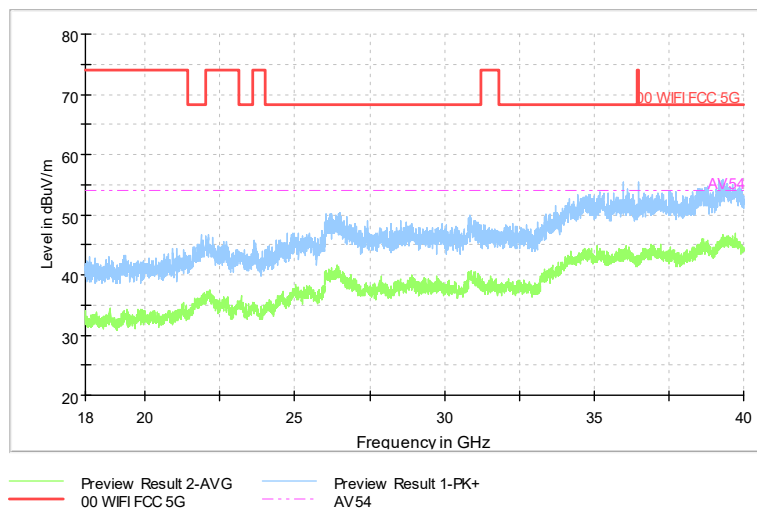
Full Spectrum



Comment

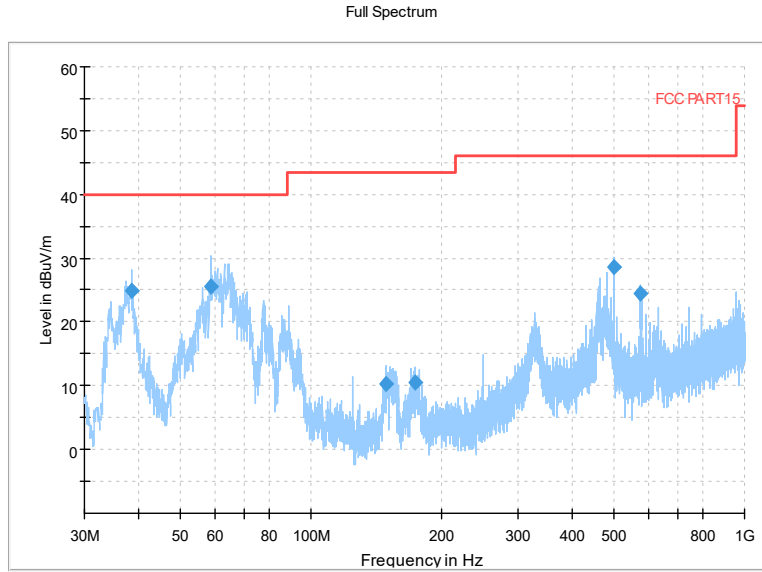
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum

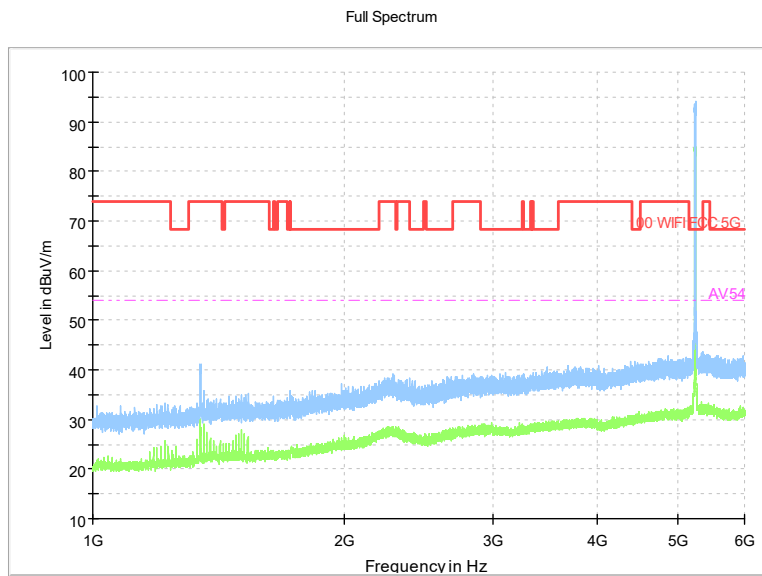


Comment

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

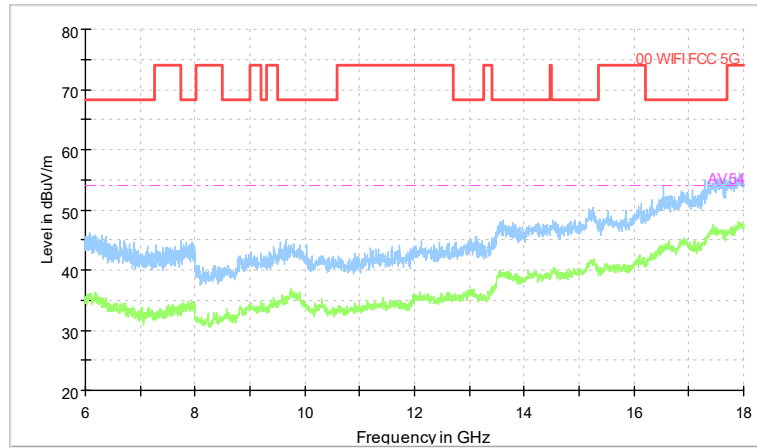


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

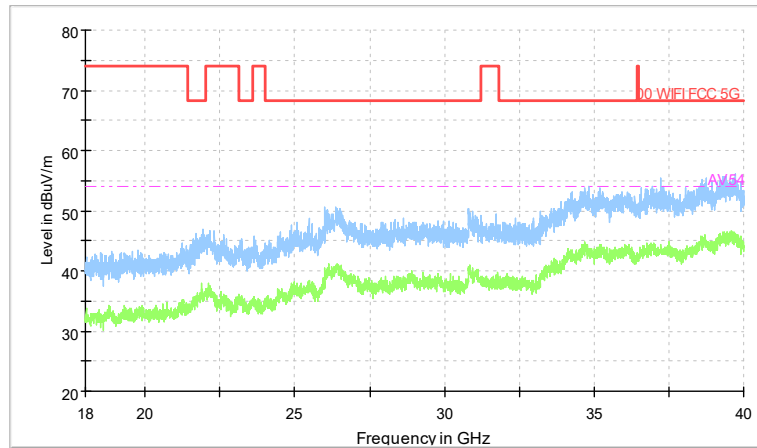


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

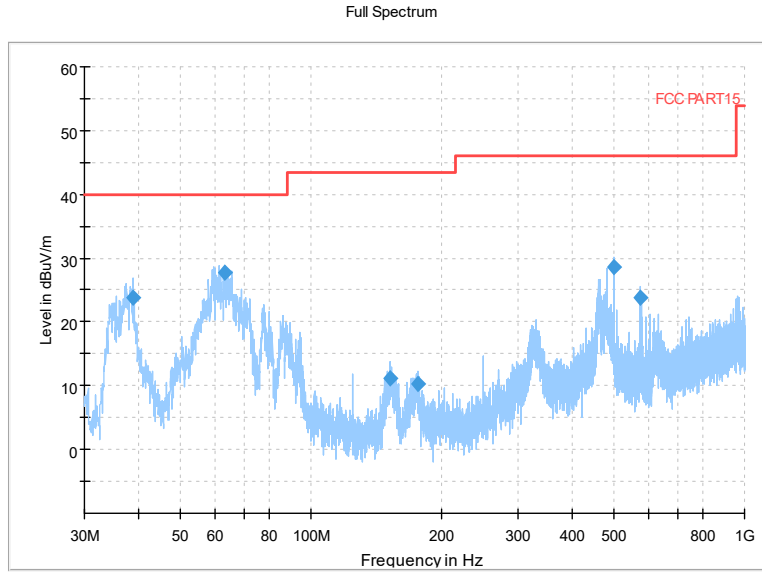
Full Spectrum



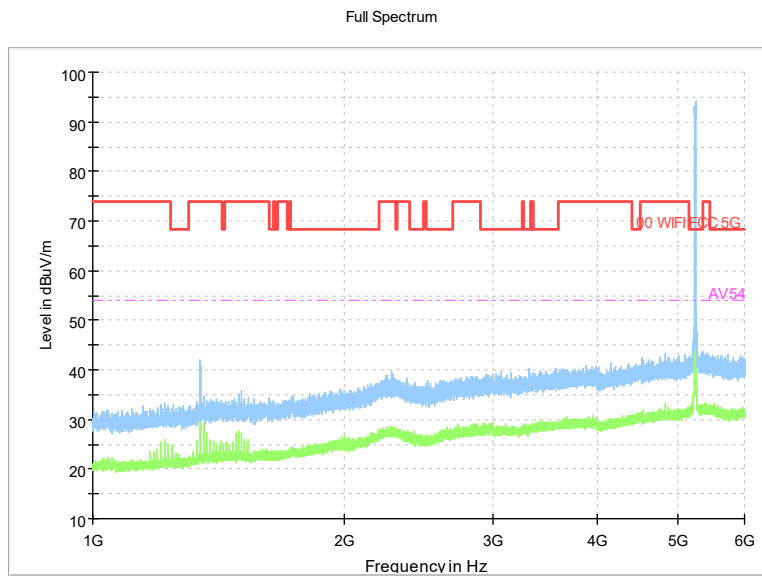
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

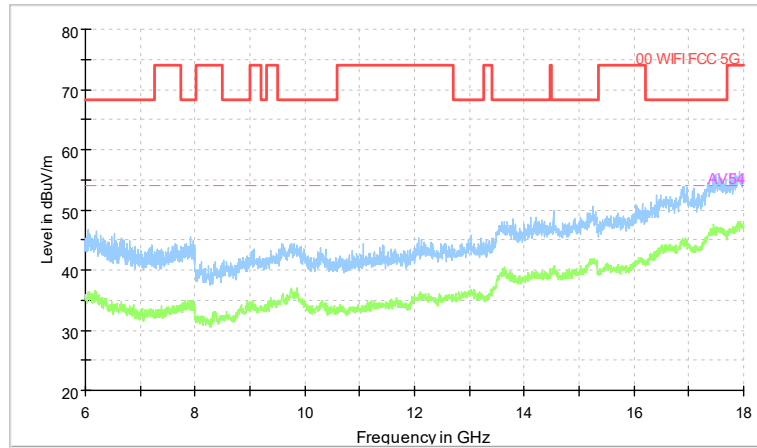


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

Full Spectrum

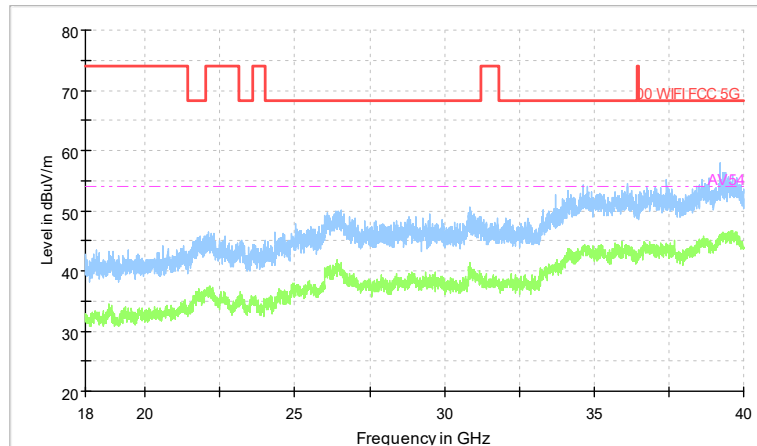


Preview Result 2-AVG 00 WIFI FCC 5G
Preview Result 1-PK+ AV54

Comment

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

Full Spectrum

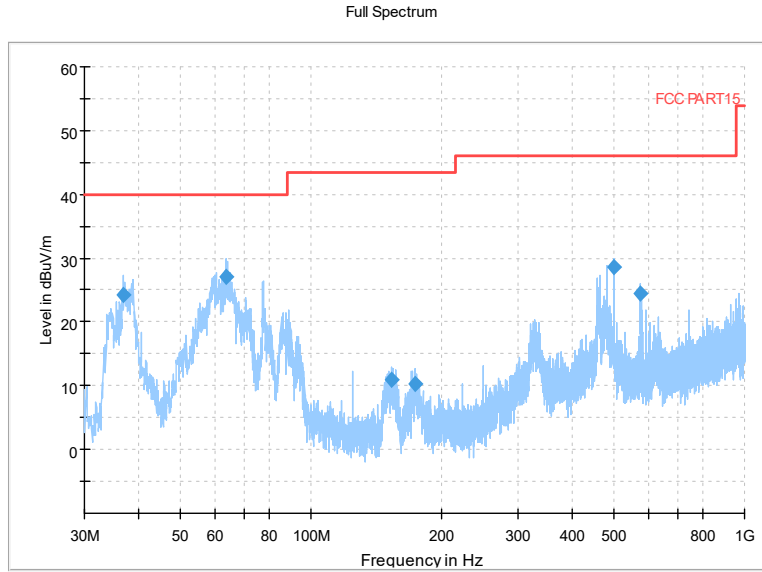


Preview Result 2-AVG 00 WIFI FCC 5G
Preview Result 1-PK+ AV54

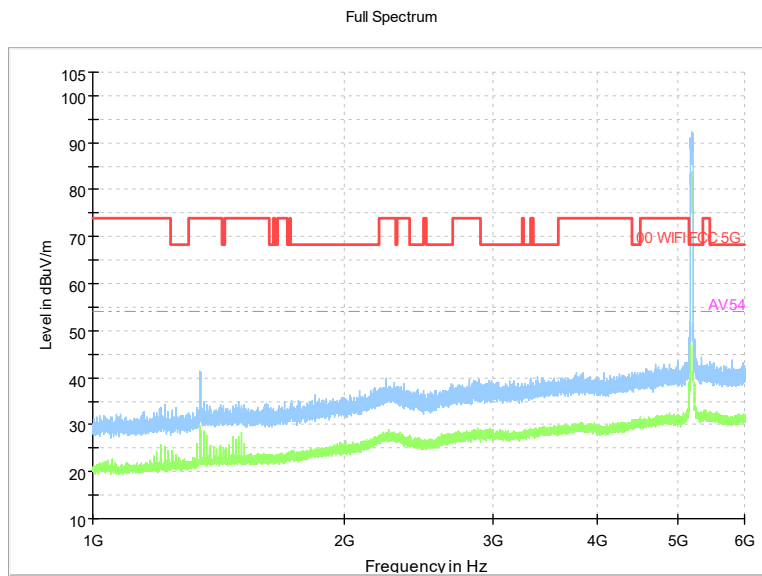
Comment

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

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

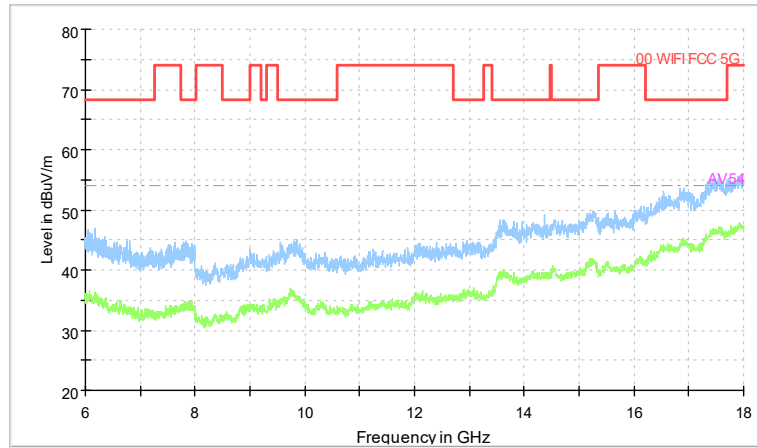


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



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

Full Spectrum

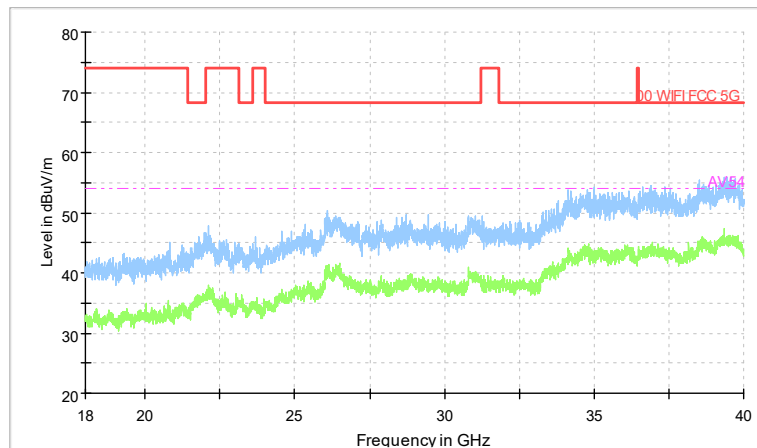


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

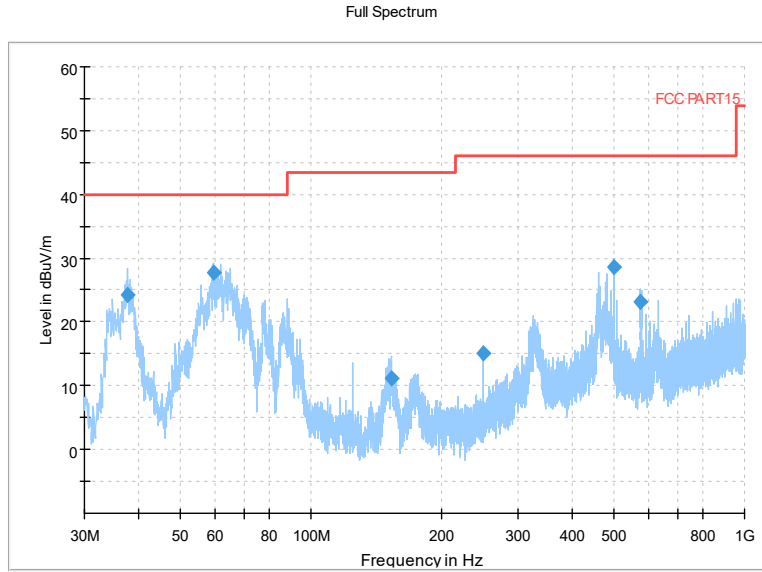
Full Spectrum



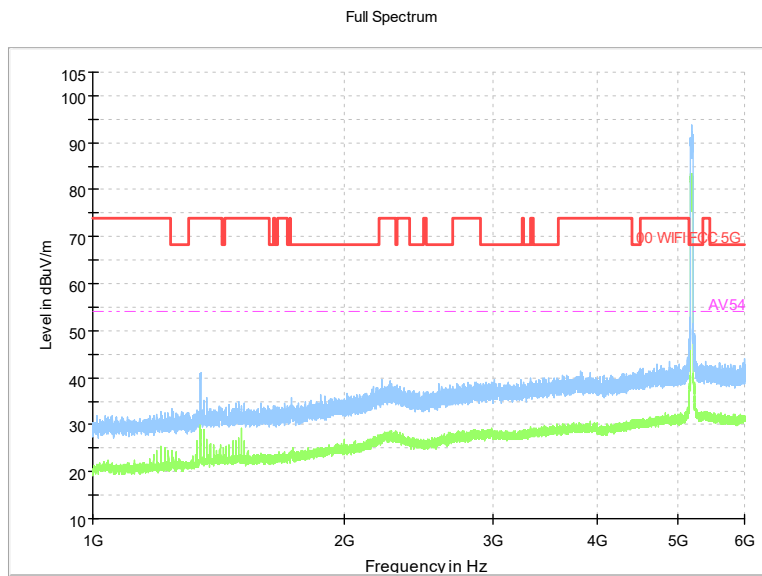
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

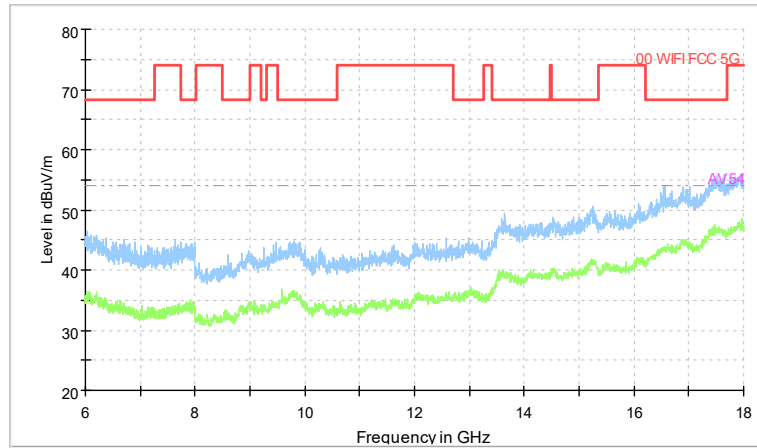


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



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

Full Spectrum

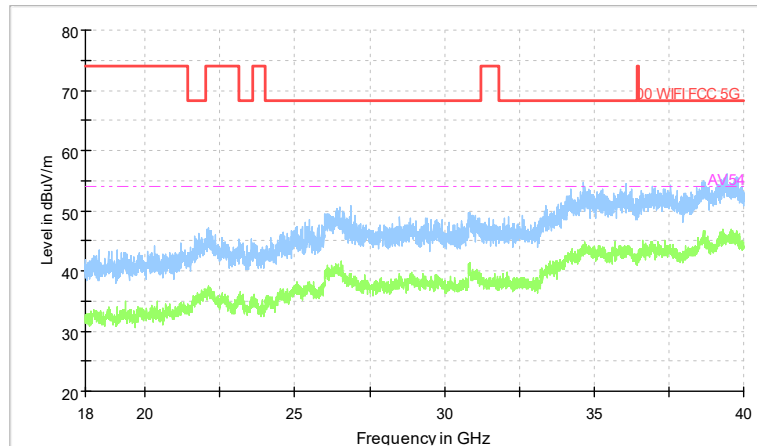


Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

Comment

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

Full Spectrum

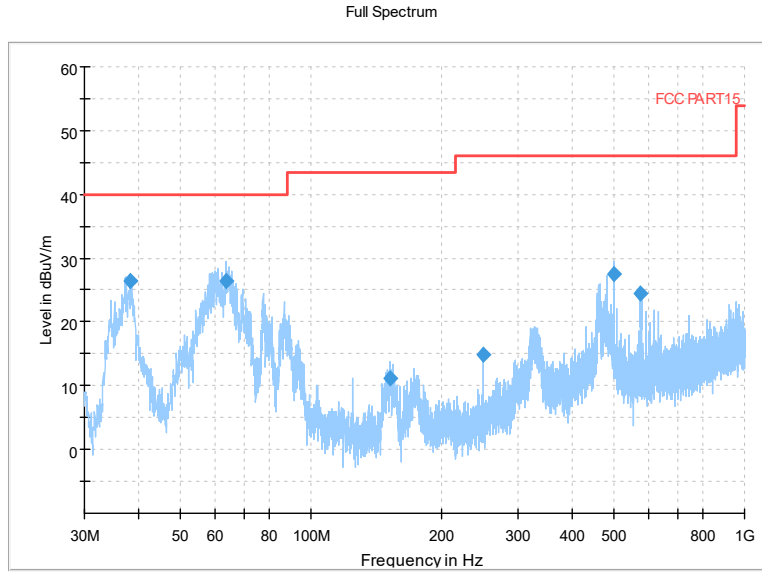


Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

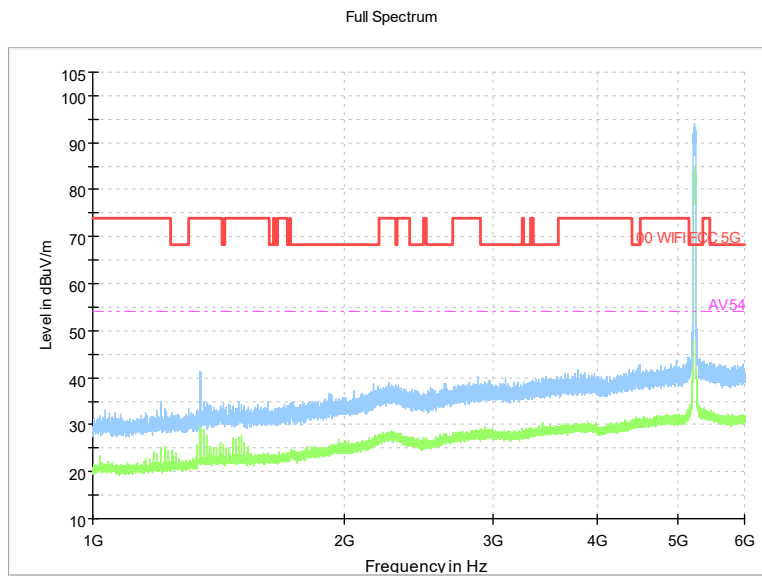
Comment

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

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

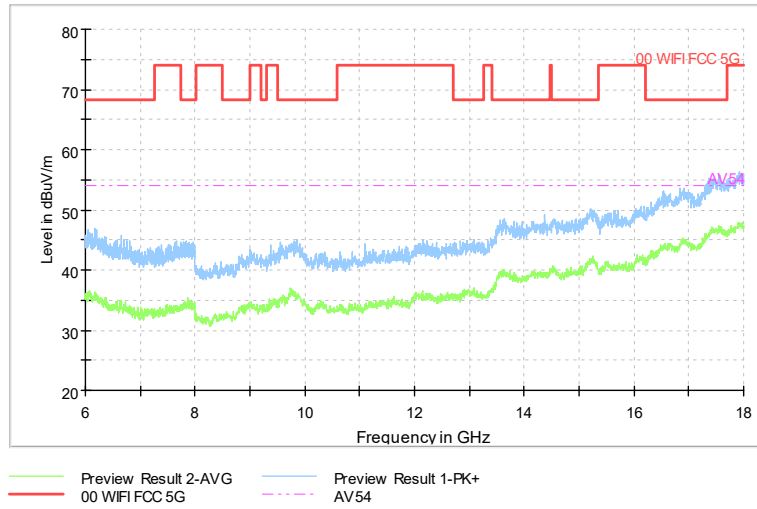


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



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

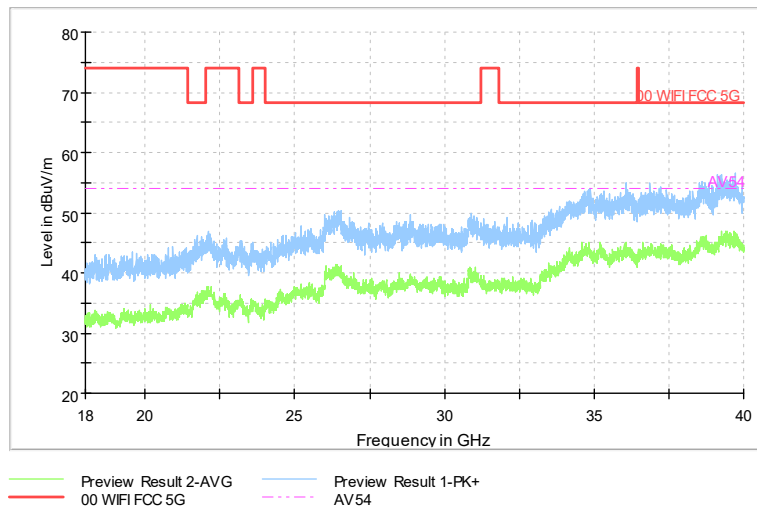
Full Spectrum



Comment

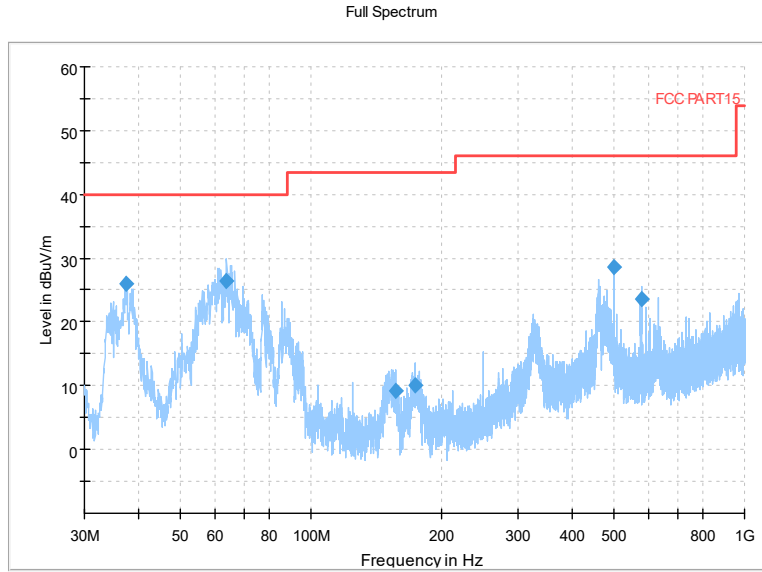
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)

Full Spectrum

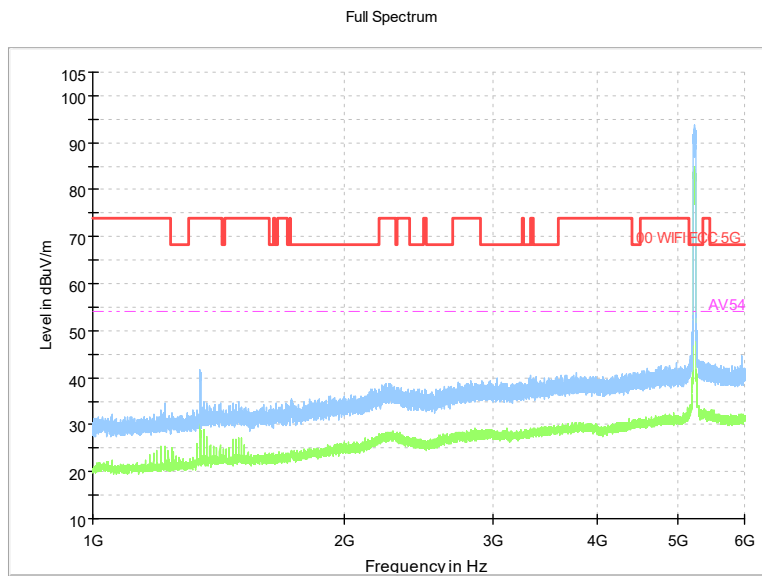


Comment

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

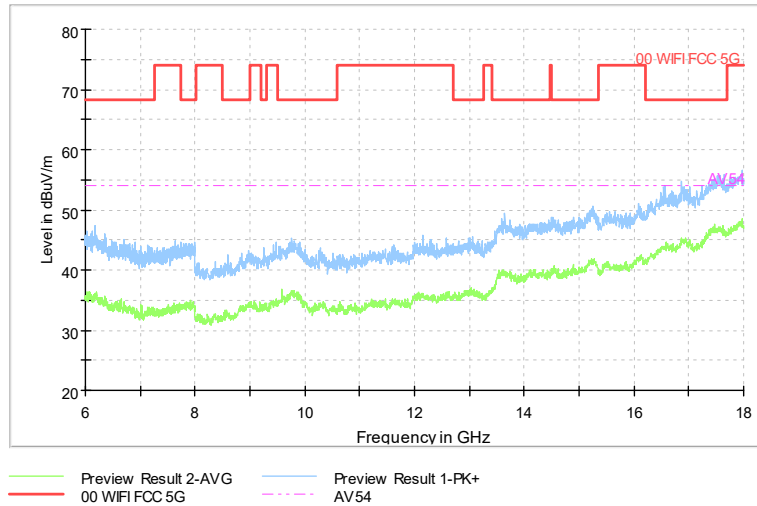


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



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

Full Spectrum



Comment

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

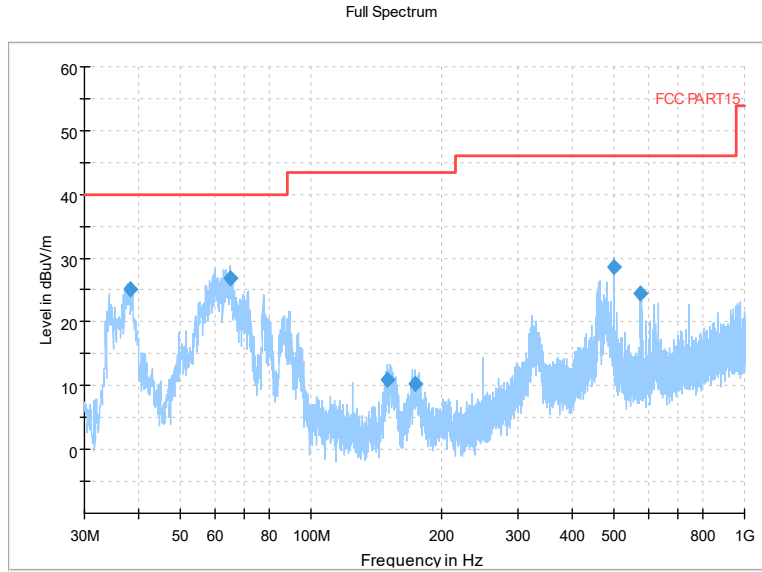
Full Spectrum



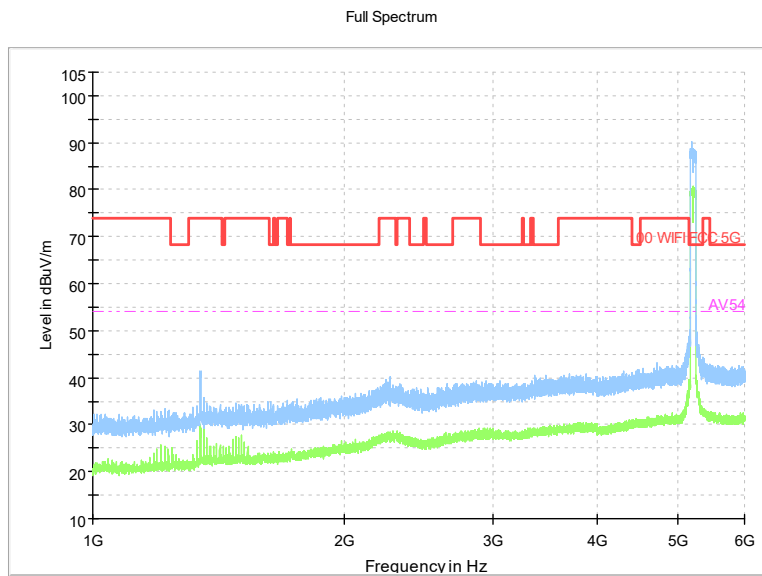
Comment

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

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

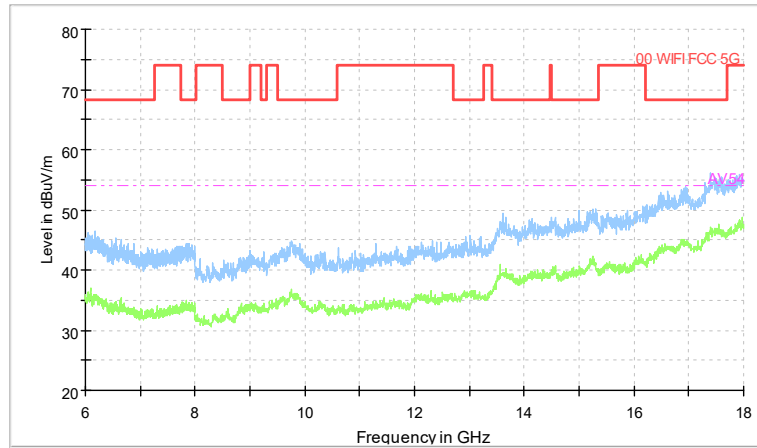


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



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

Full Spectrum

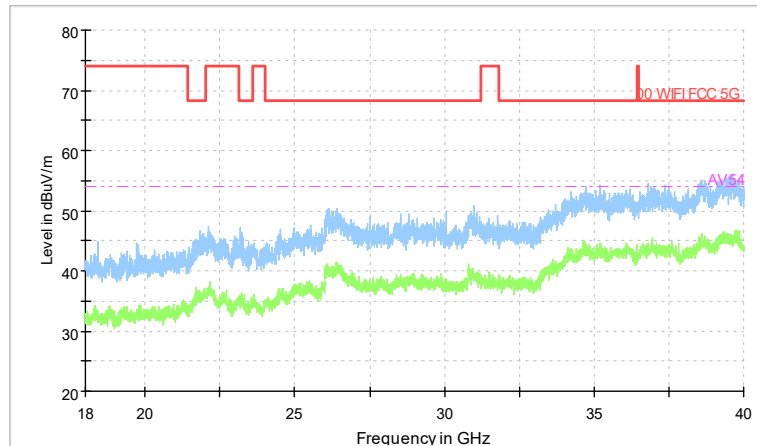


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

Full Spectrum

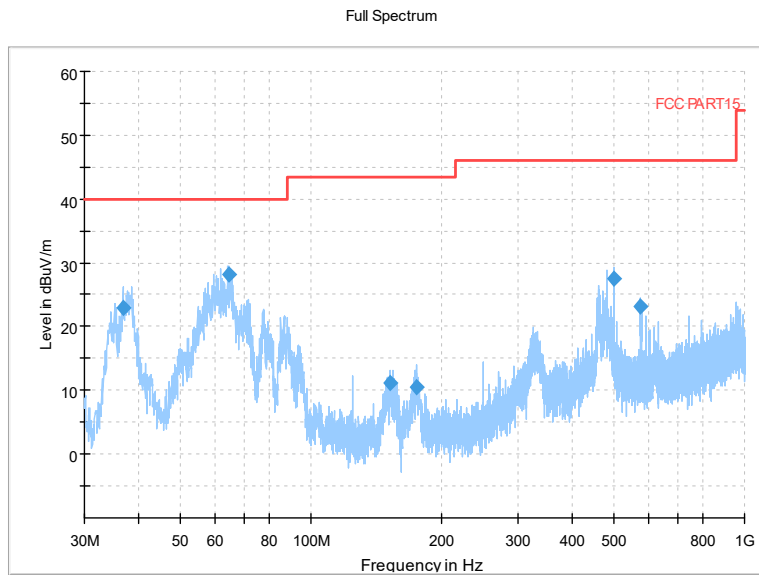


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

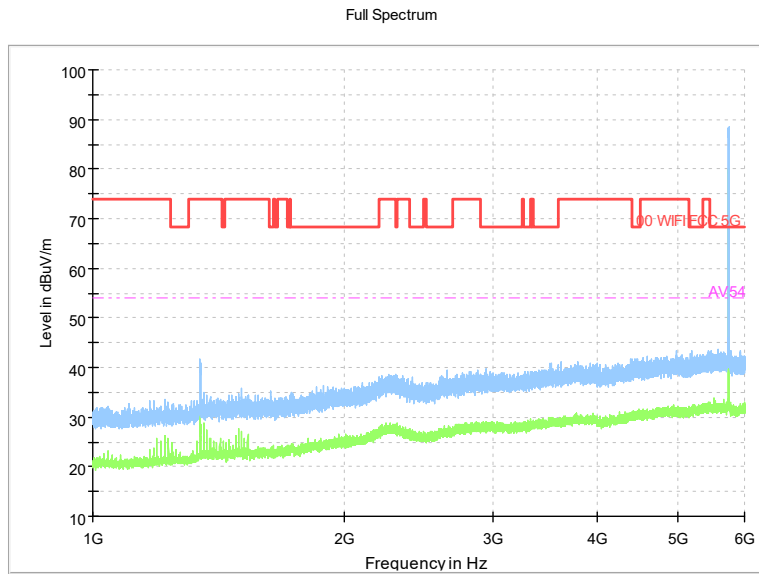
Comment

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: Av mode and PK mode
Modulation type: 802.11a



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

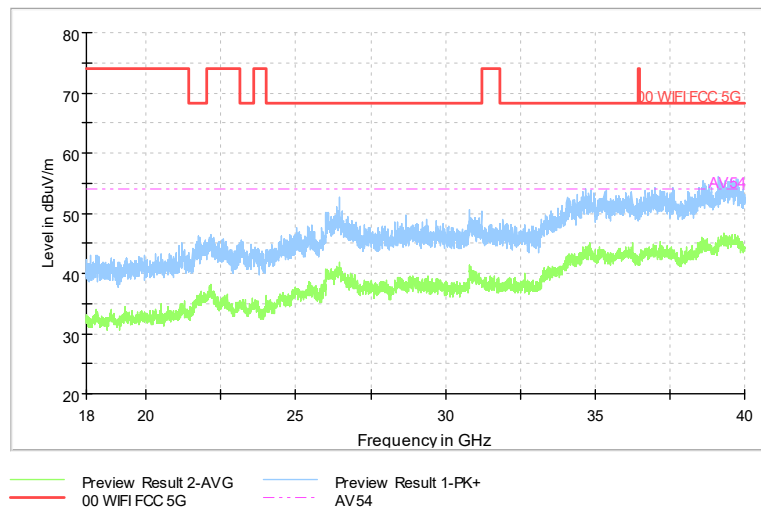
Full Spectrum



Comment

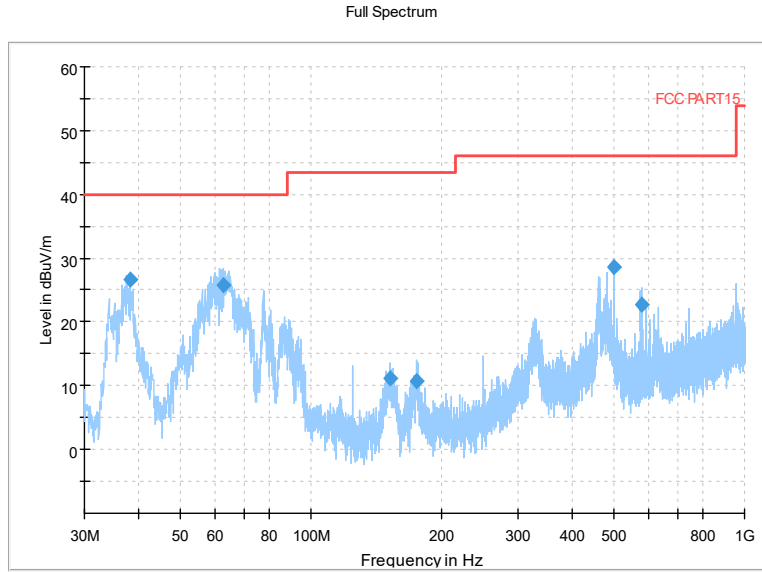
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Modulation type: 802.11a

Full Spectrum

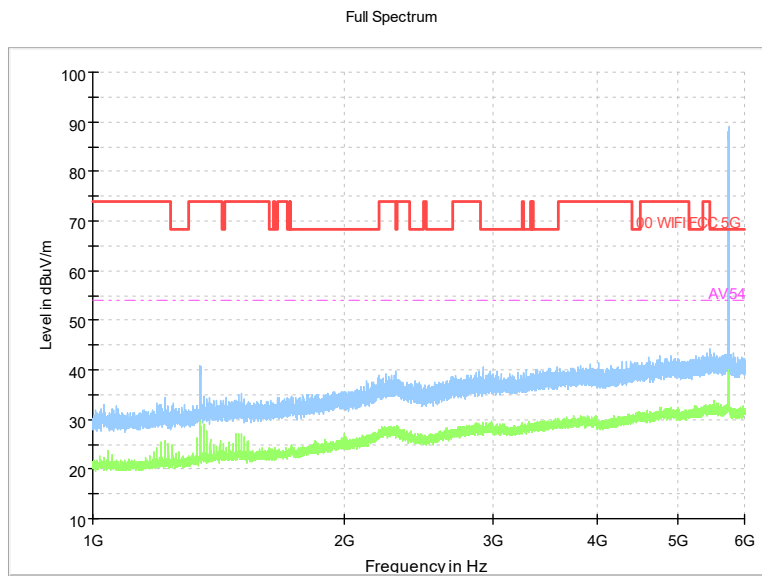


Comment

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

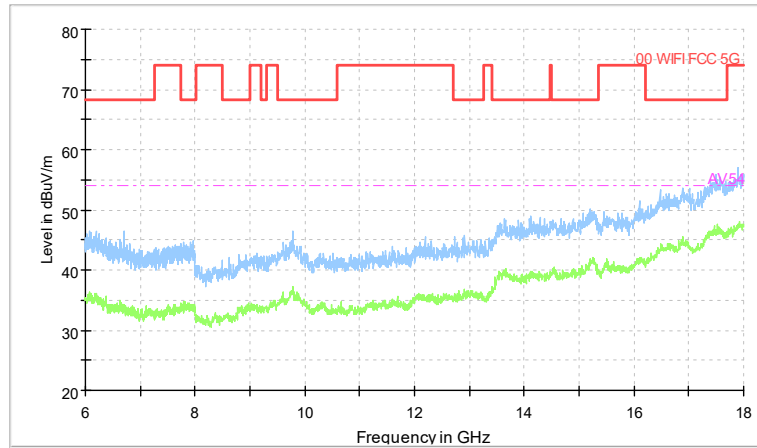


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

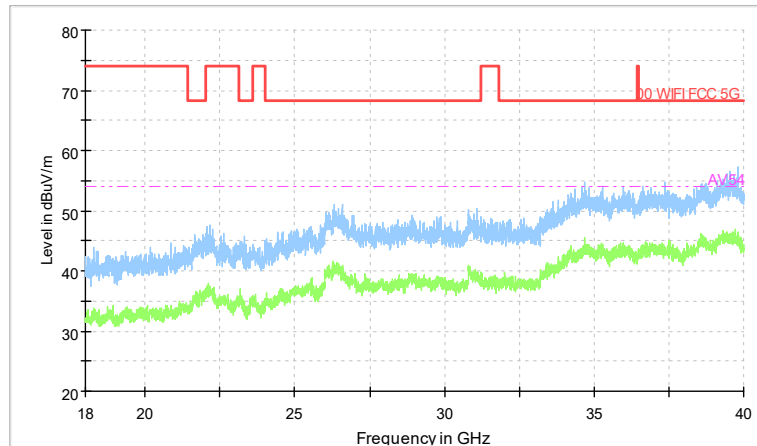


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

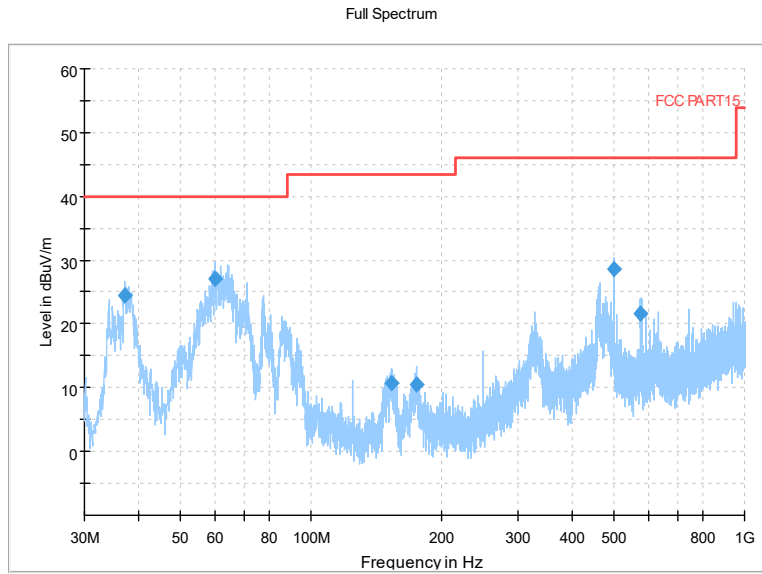
Full Spectrum



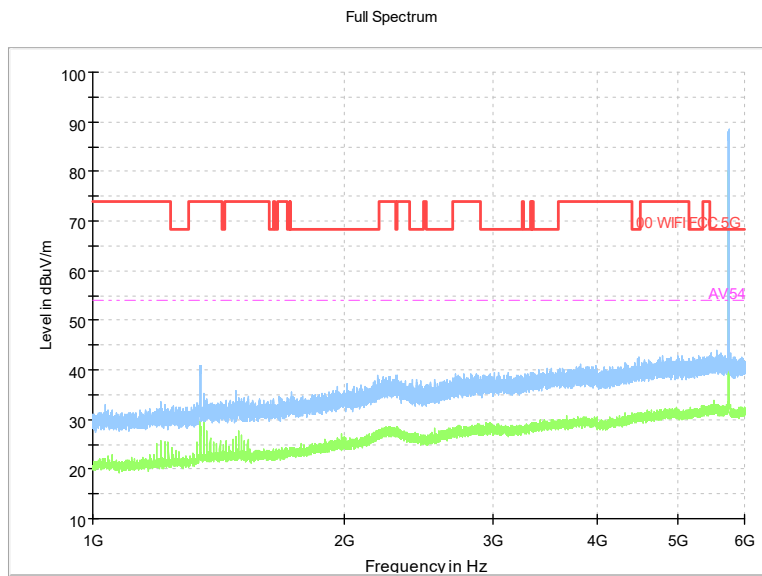
Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

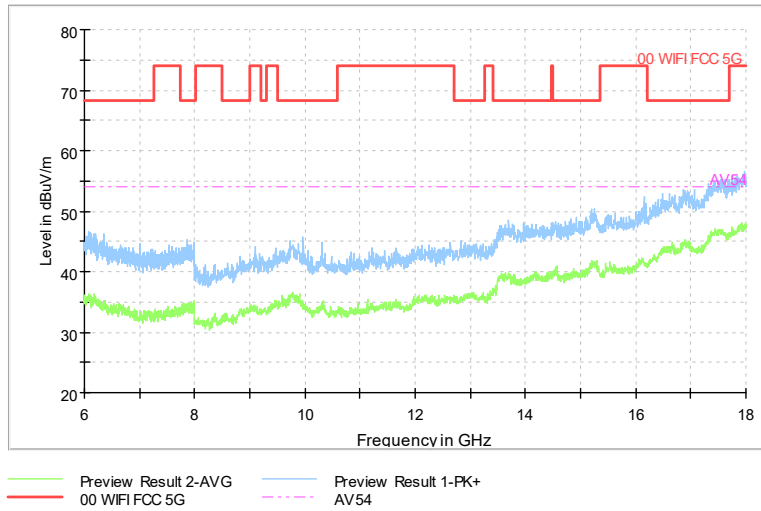


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

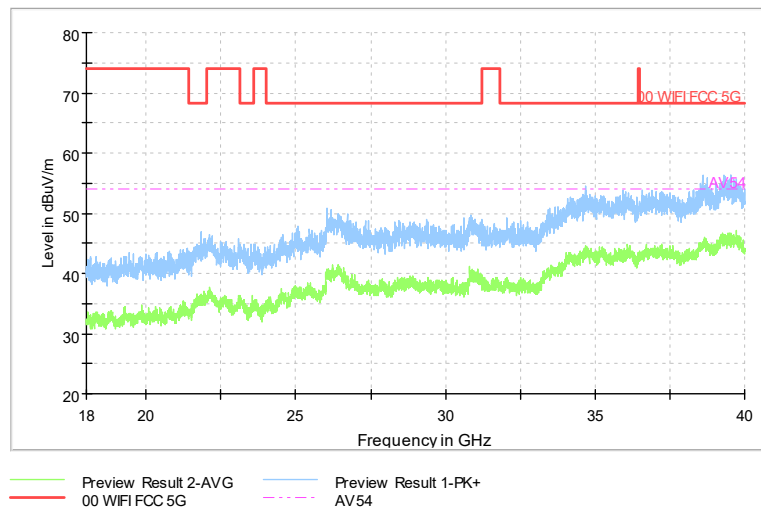
Full Spectrum



Comment

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

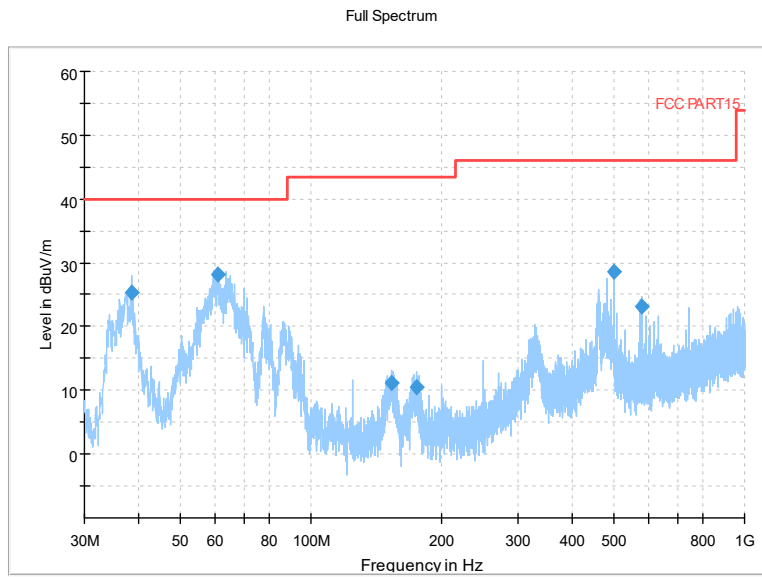
Full Spectrum



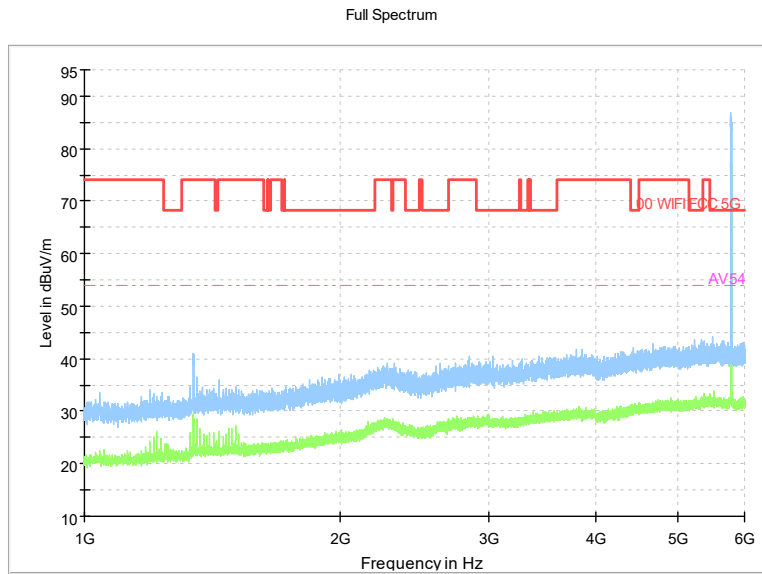
Comment

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

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

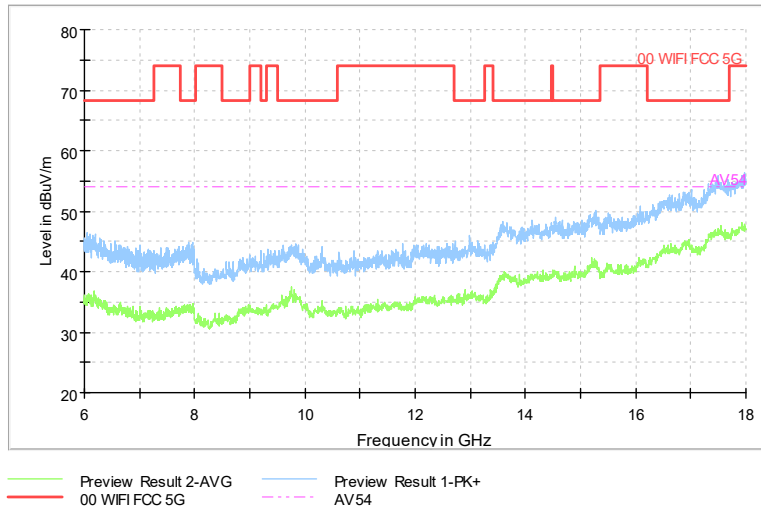


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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

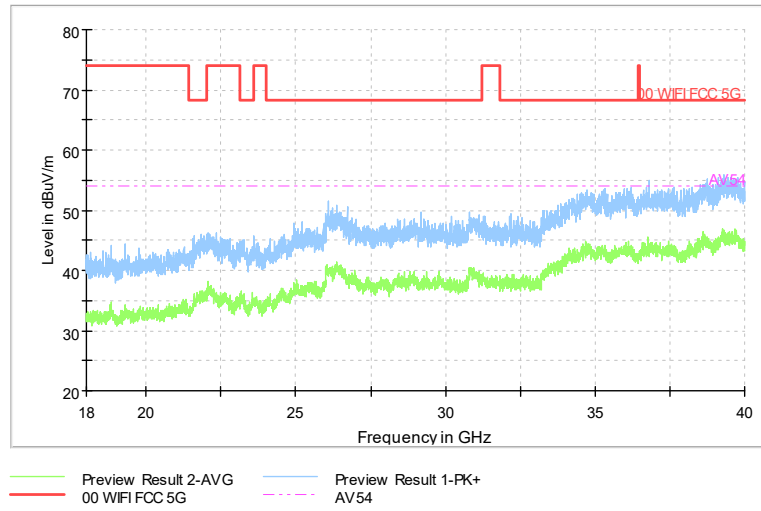
Full Spectrum



Comment

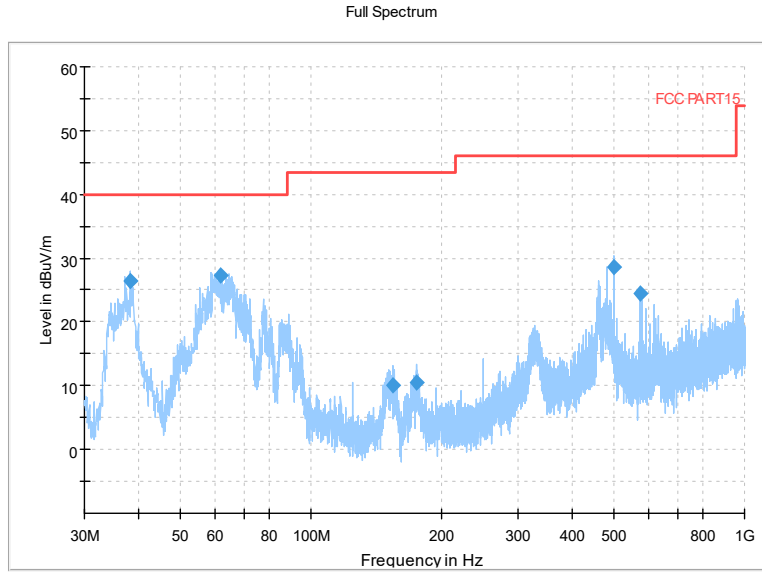
Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum

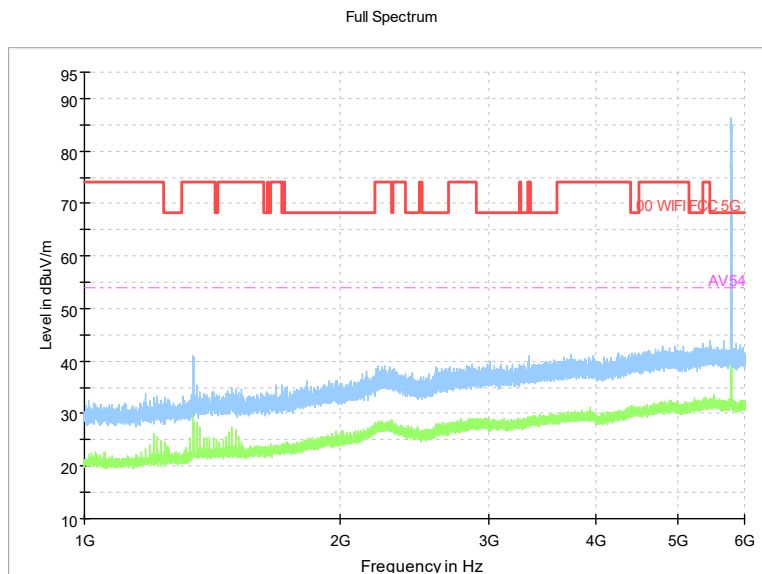


Comment

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

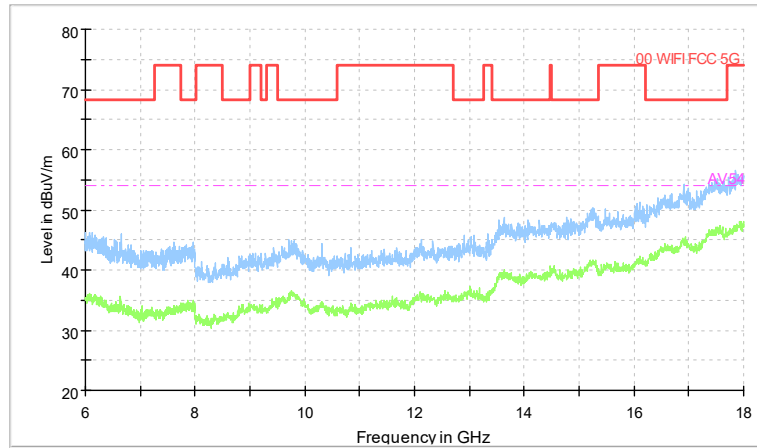


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

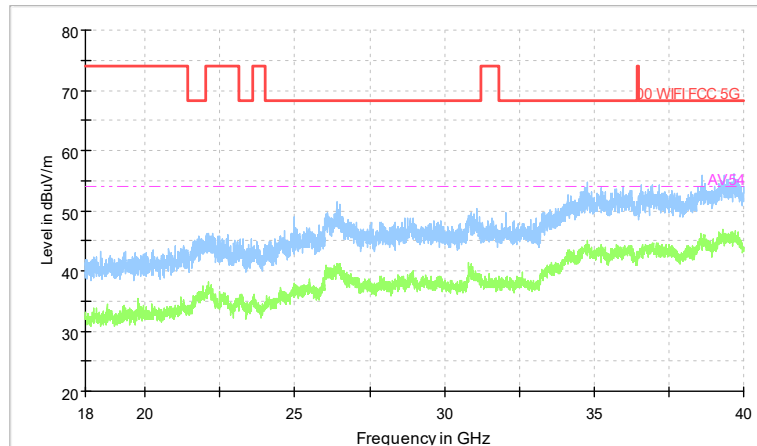


Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

Comment

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

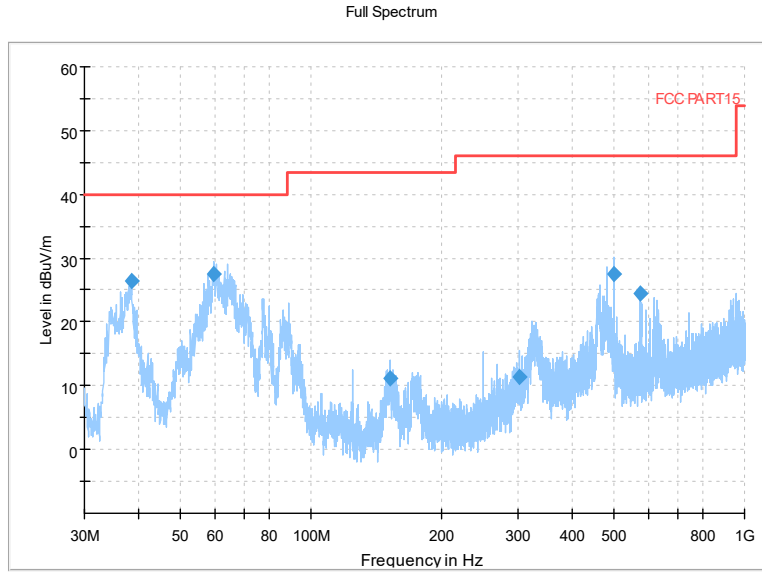
Full Spectrum



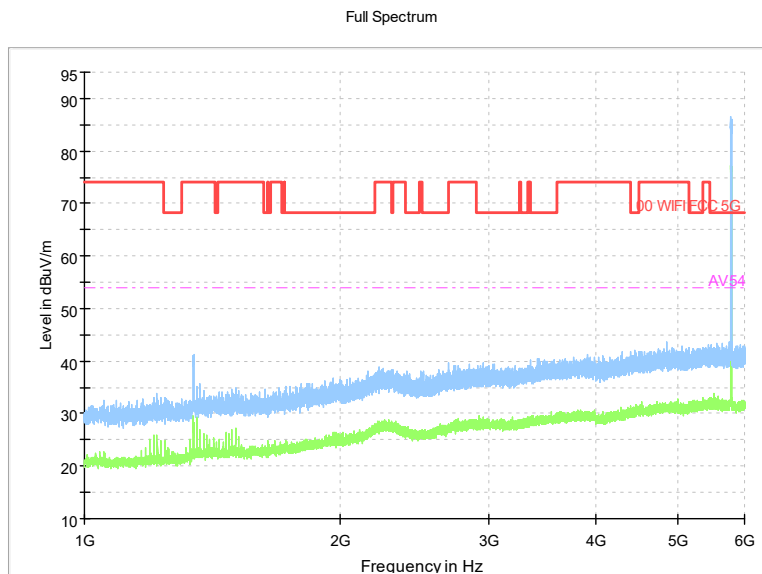
Preview Result 2-AVG Preview Result 1-PK+
00-WIFI-FCC-5G AV54

Comment

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

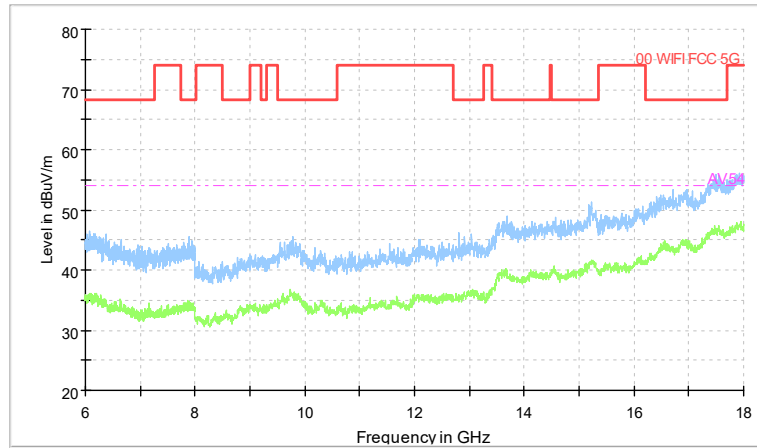


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

Full Spectrum

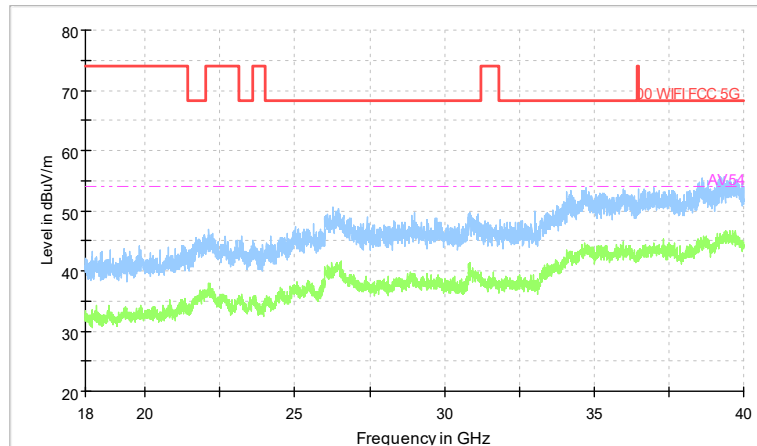


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

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

Full Spectrum

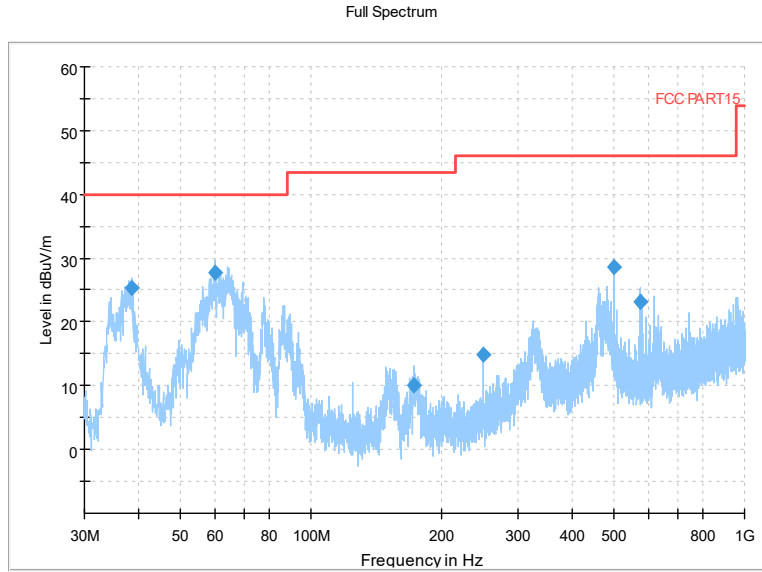


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

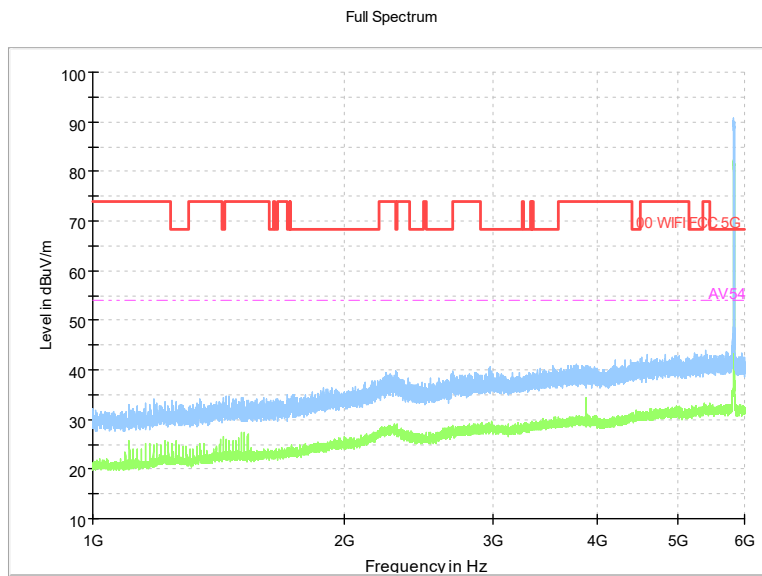
Comment

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

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

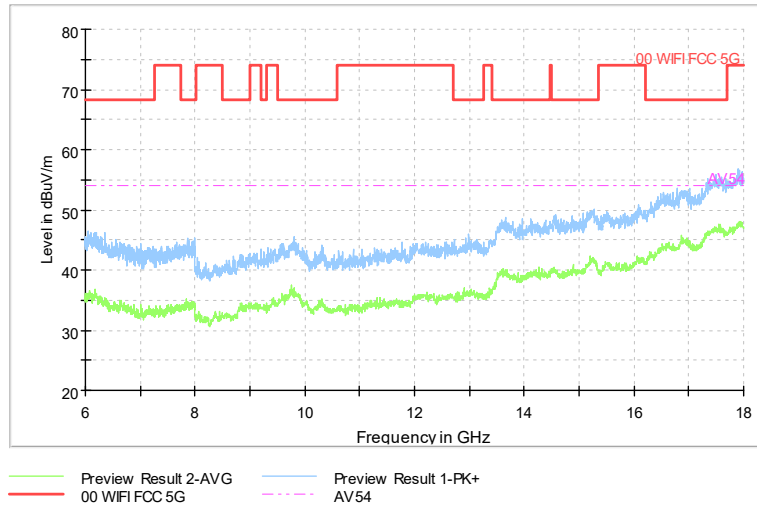


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11a



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

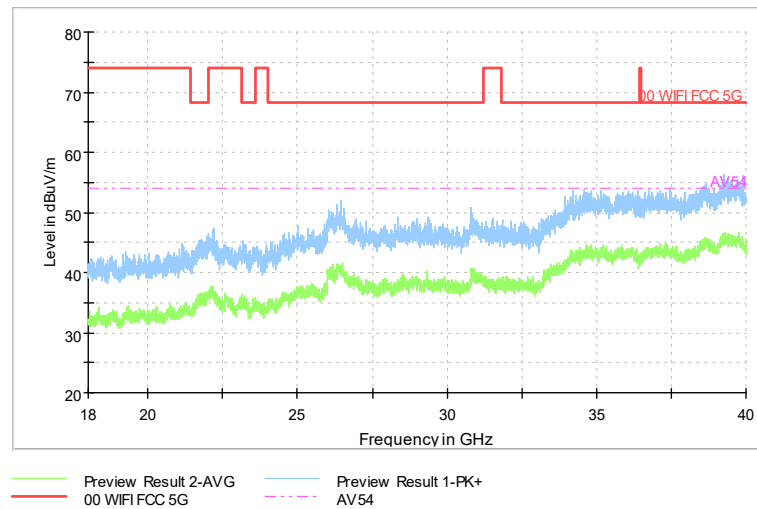
Full Spectrum



Comment

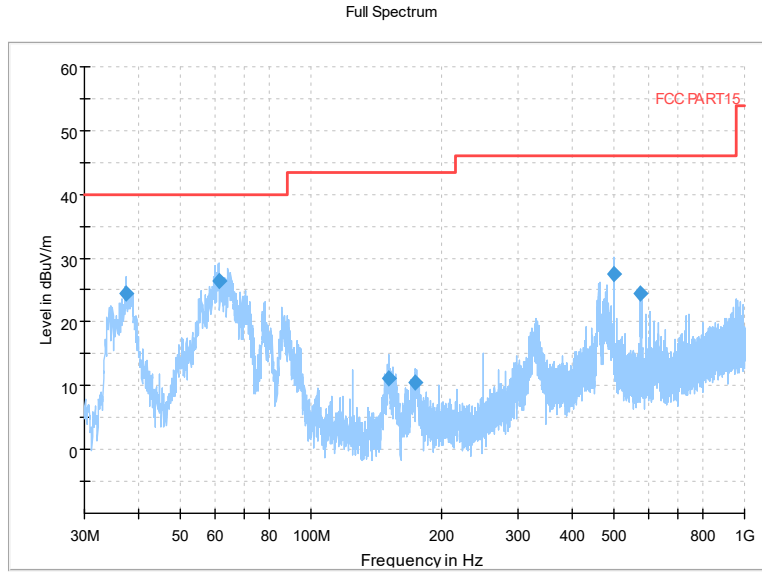
Frequency Range: 6GHz -18GHz
 Detector: Av mode and PK mode
 Modulation type: 802.11a

Full Spectrum

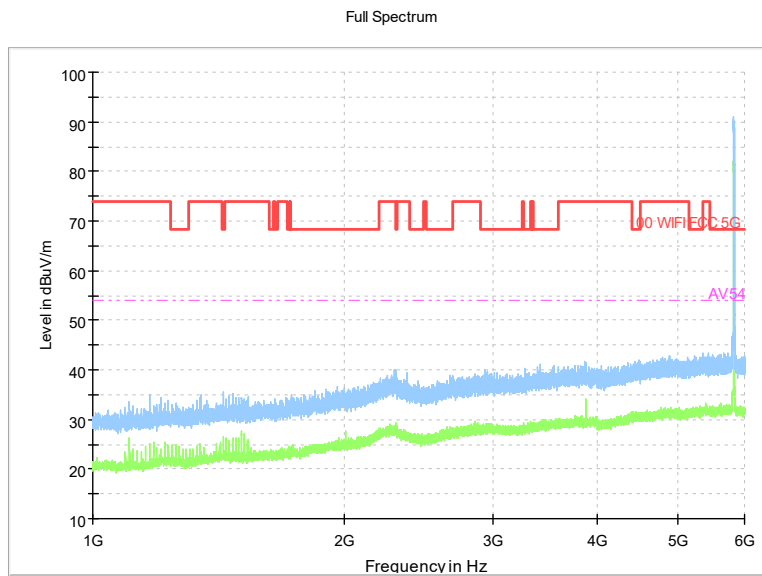


Comment

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

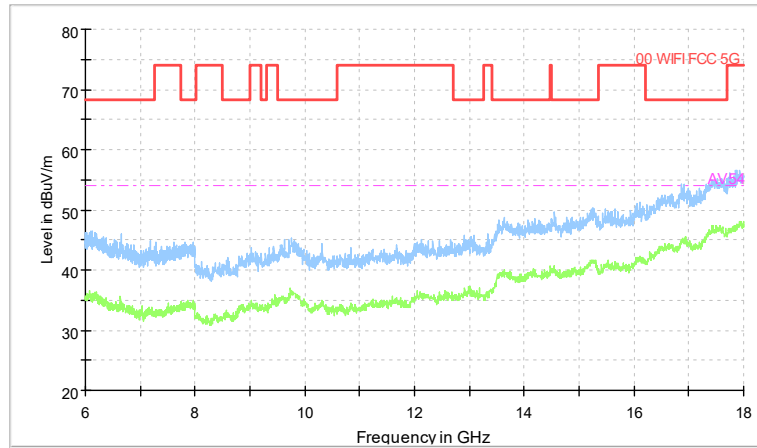


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT20)



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

Full Spectrum

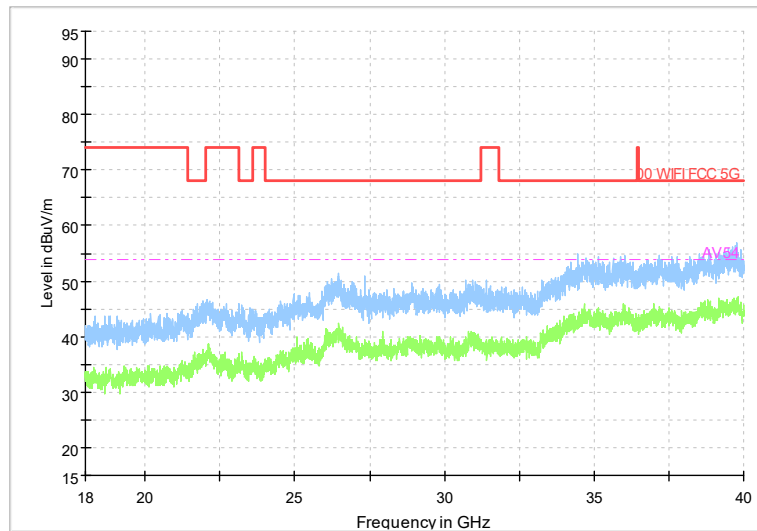


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

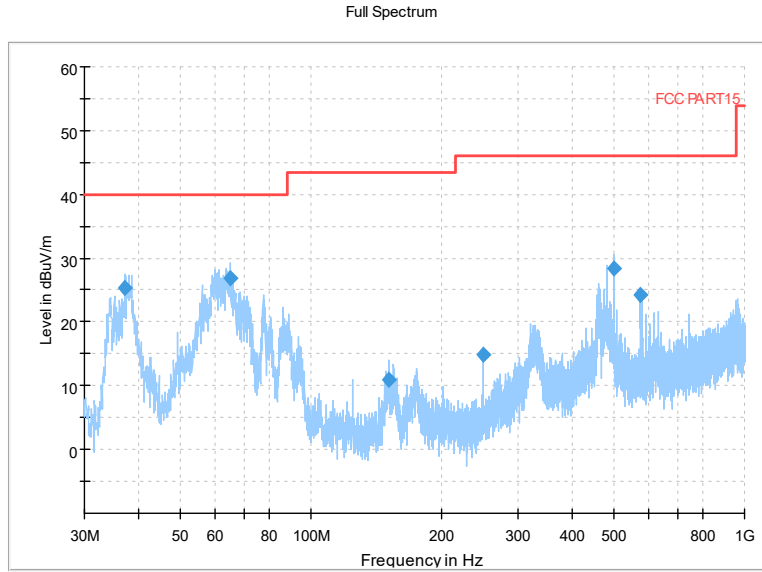
Comment

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

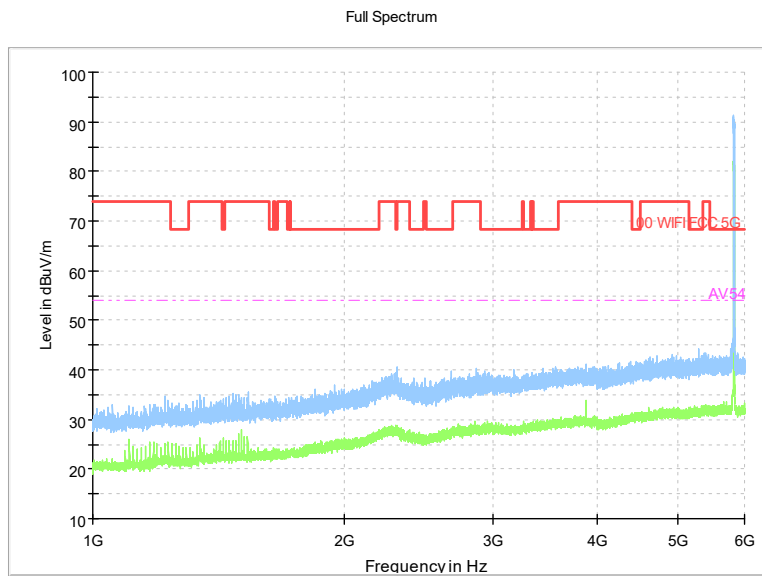
Full Spectrum



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

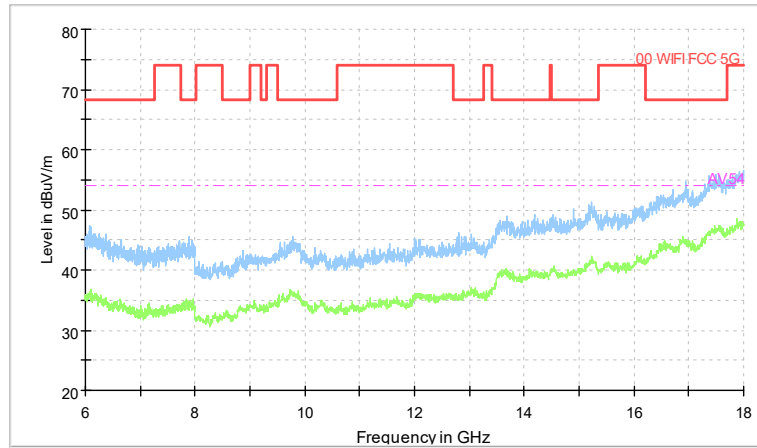


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)



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

Full Spectrum

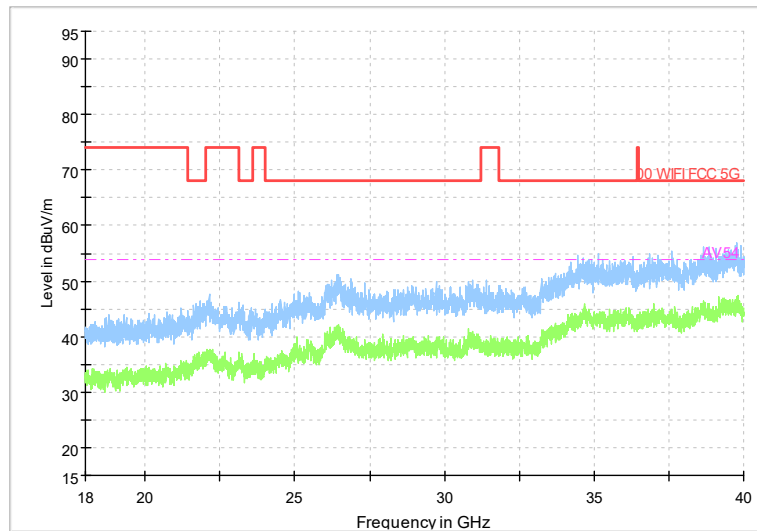


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

Comment

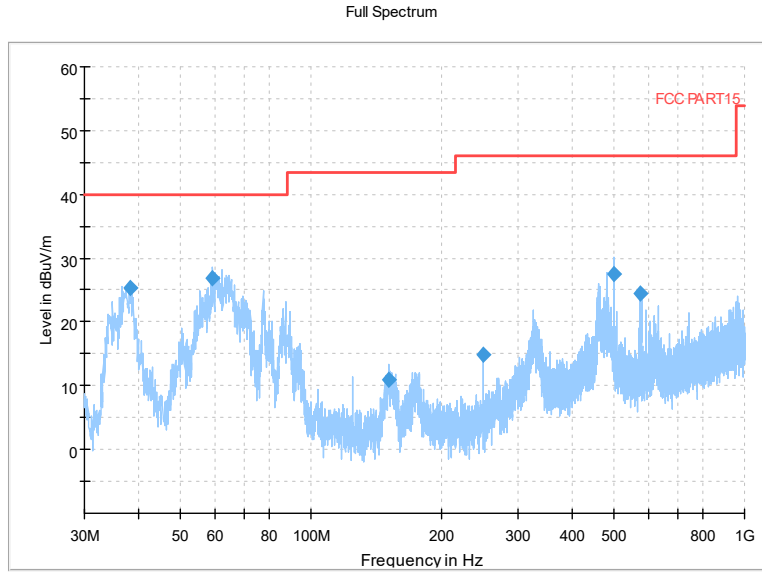
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

Full Spectrum

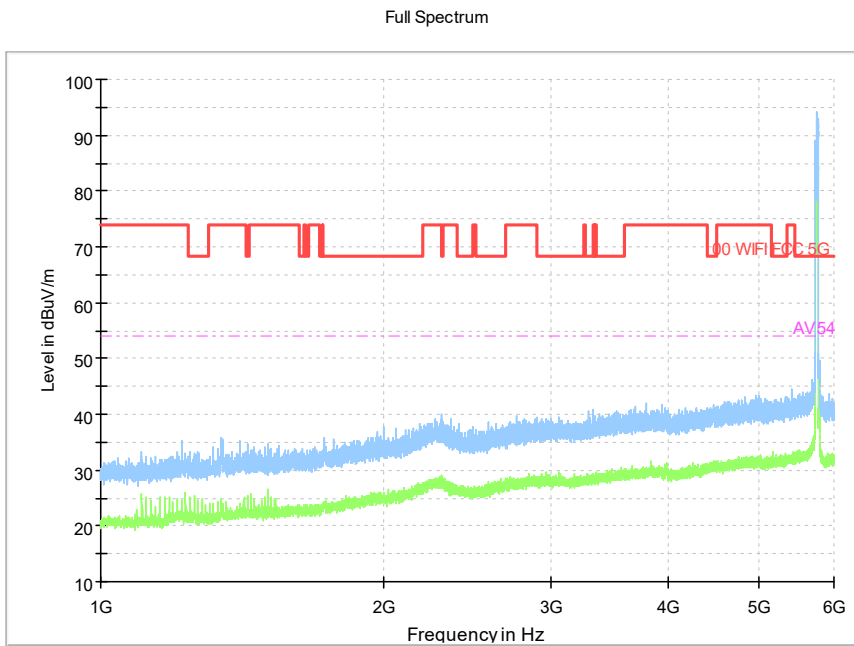


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT20)

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

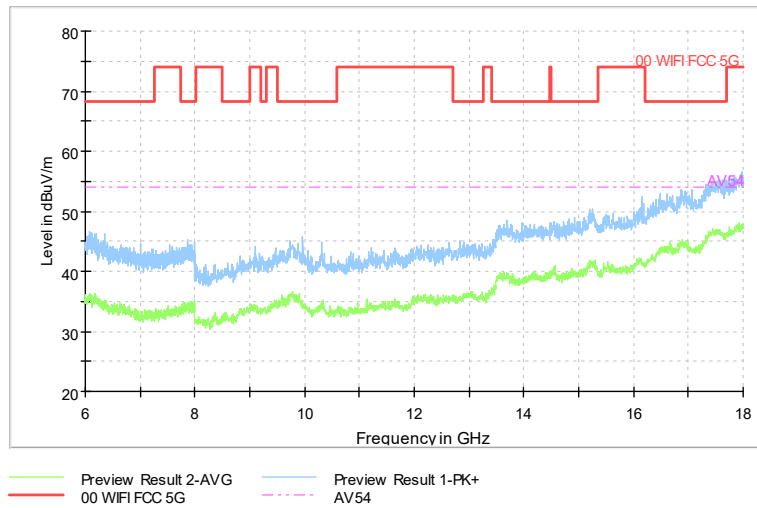


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type: 802.11n(HT40)



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

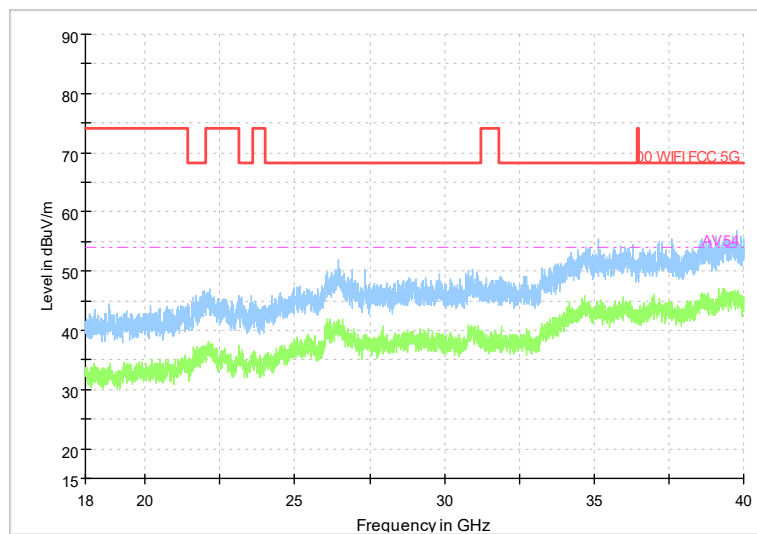
Full Spectrum



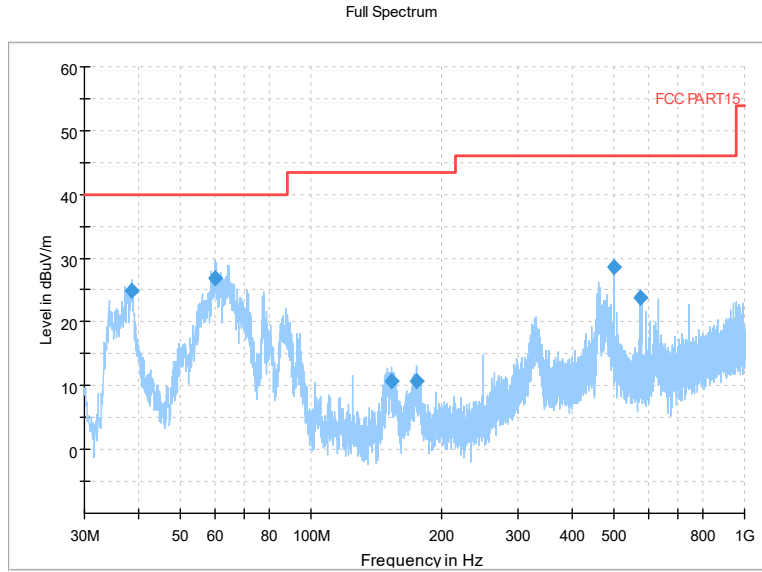
Comment

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

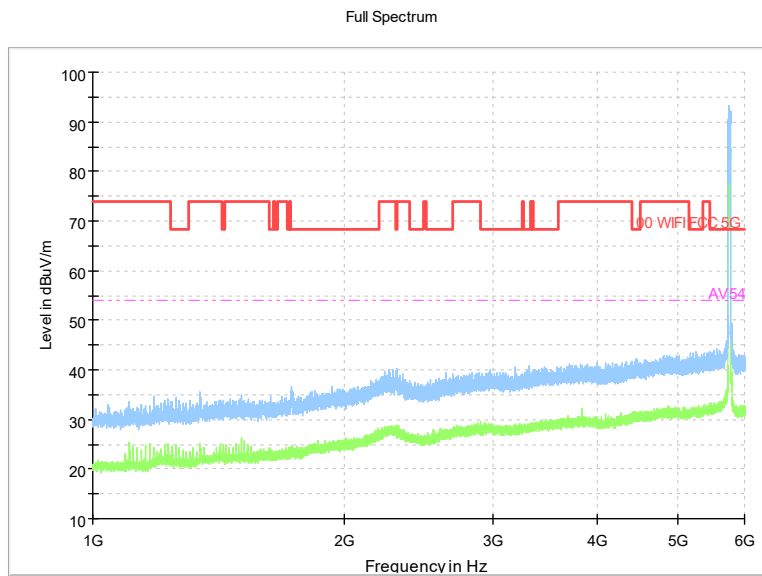
Full Spectrum



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

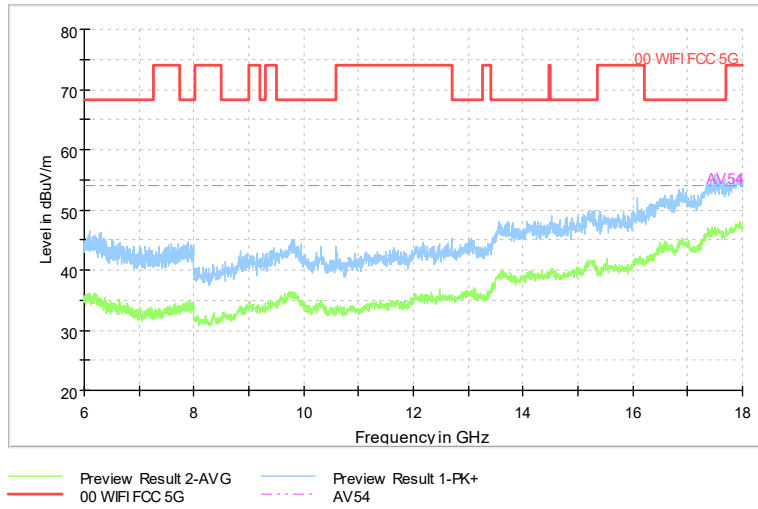


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



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

Full Spectrum

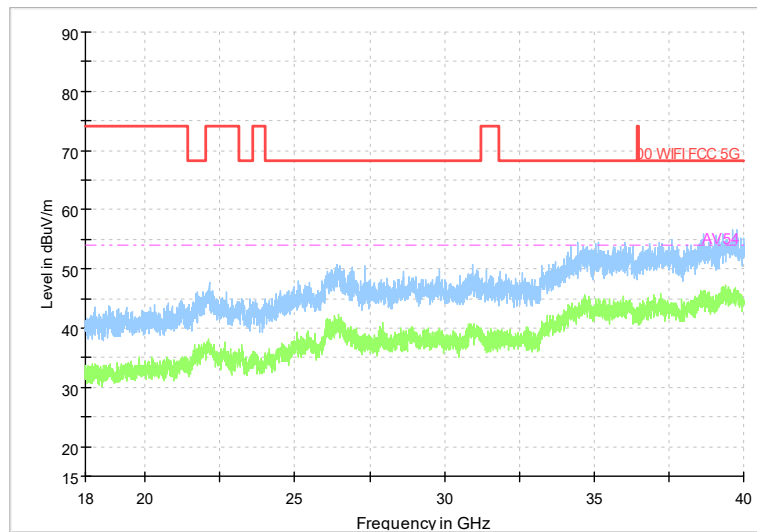


Comment

v

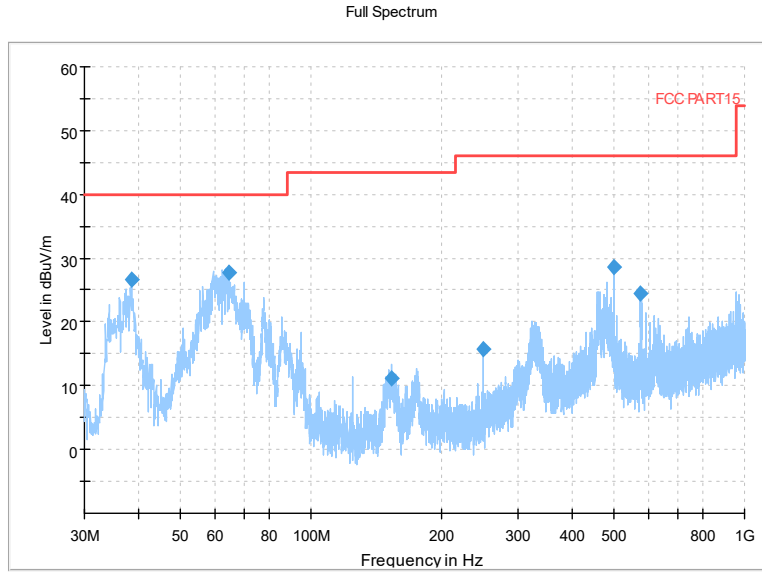
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

Full Spectrum

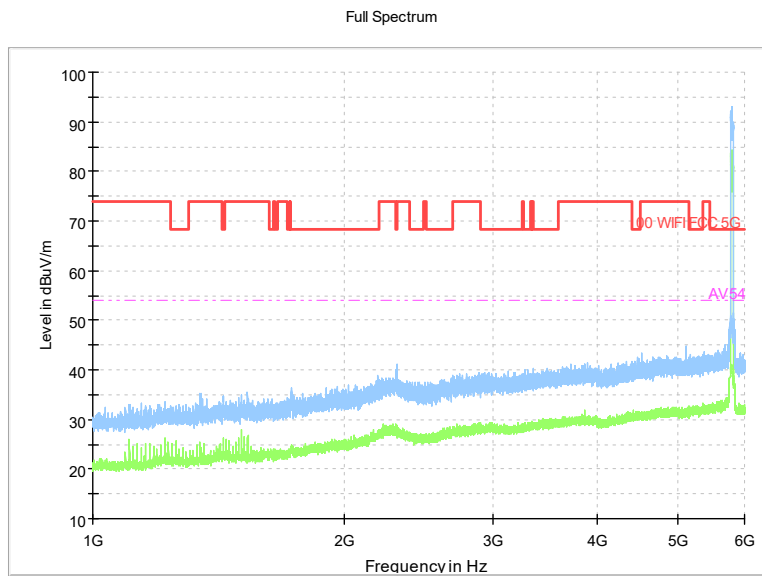


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

Carrier frequency (MHz): 5795
Channel No.:159

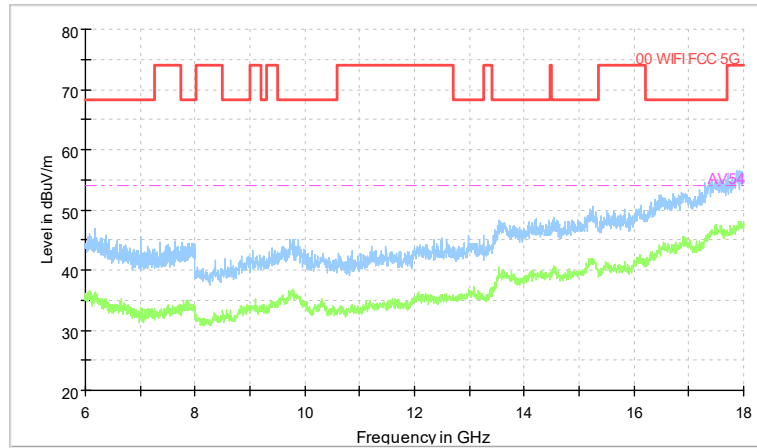


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Modulation type:802.11n(HT40)



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

Full Spectrum

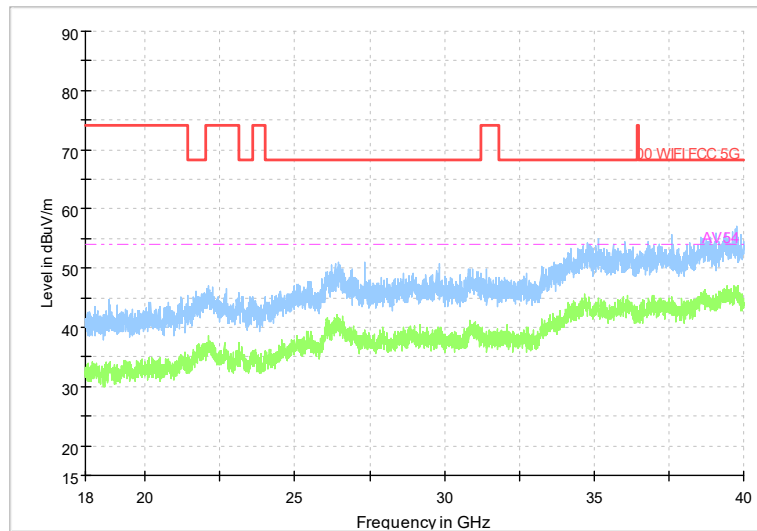


Preview Result 2-AVG Preview Result 1-PK+
00 WIFI FCC 5G AV54

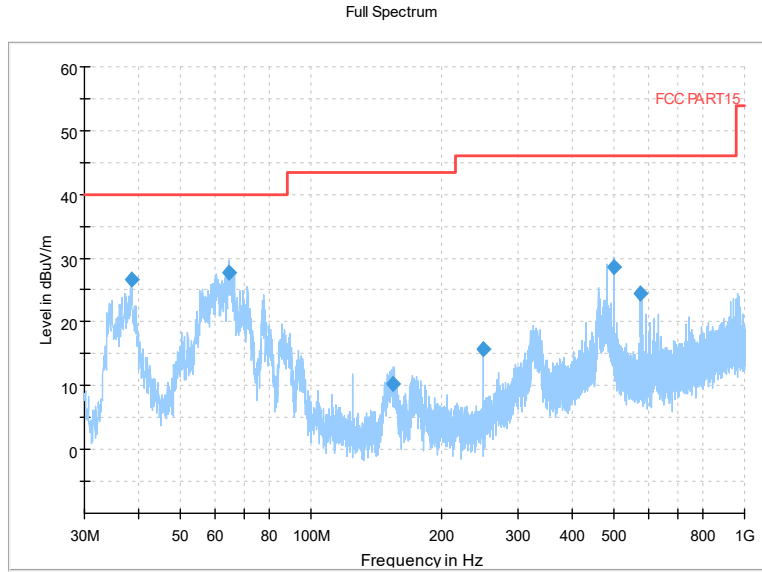
Comment

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

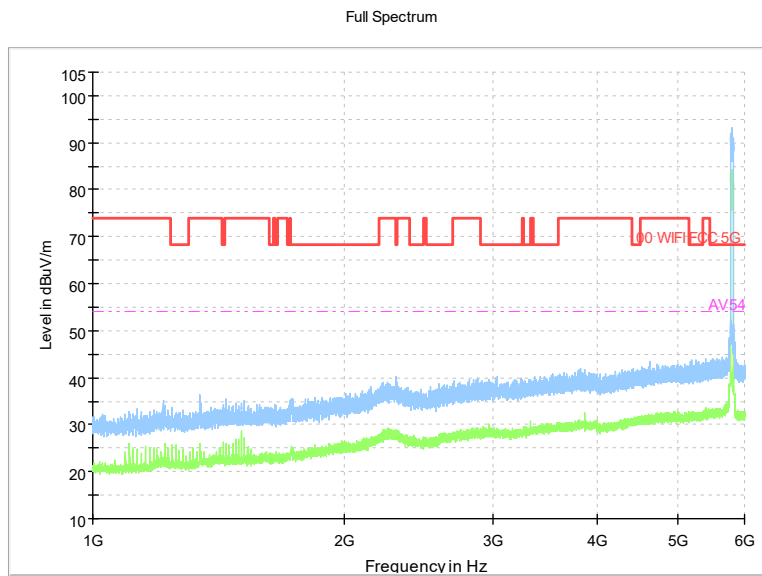
Full Spectrum



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

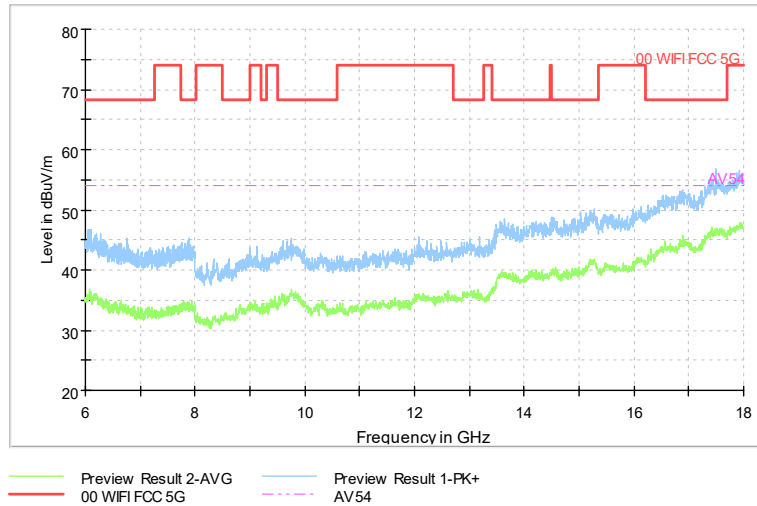


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)



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

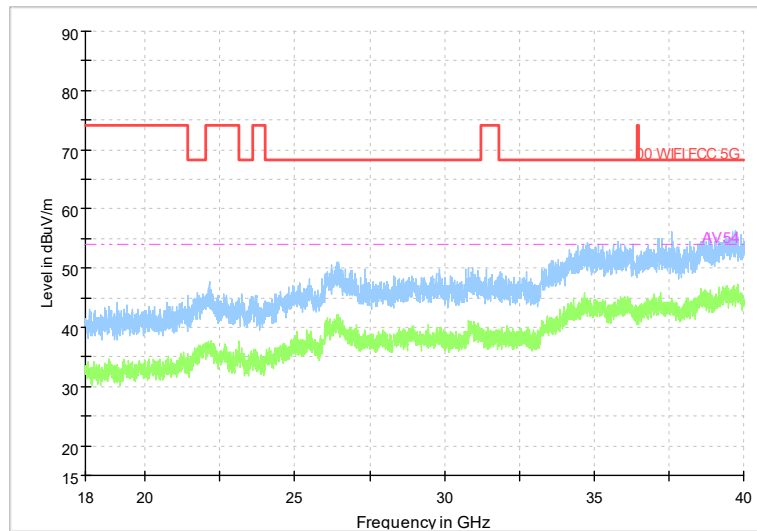
Full Spectrum



Comment

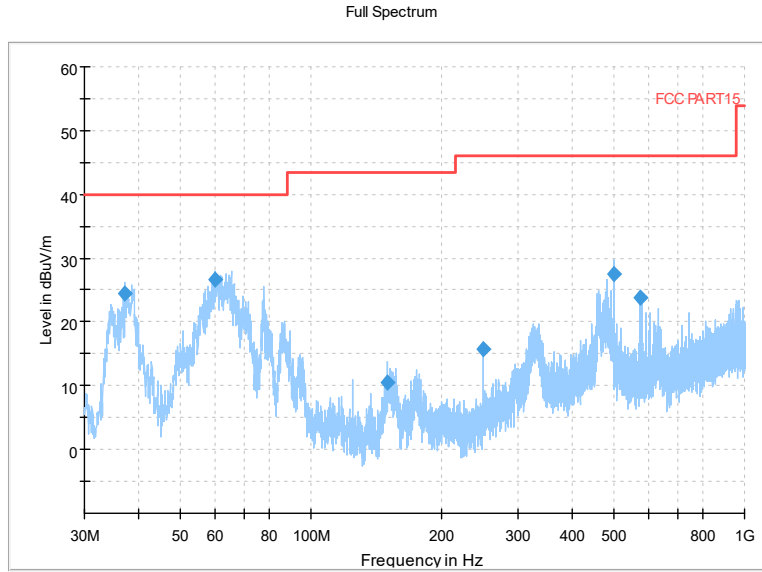
Frequency Range: 6GHz -18GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

Full Spectrum

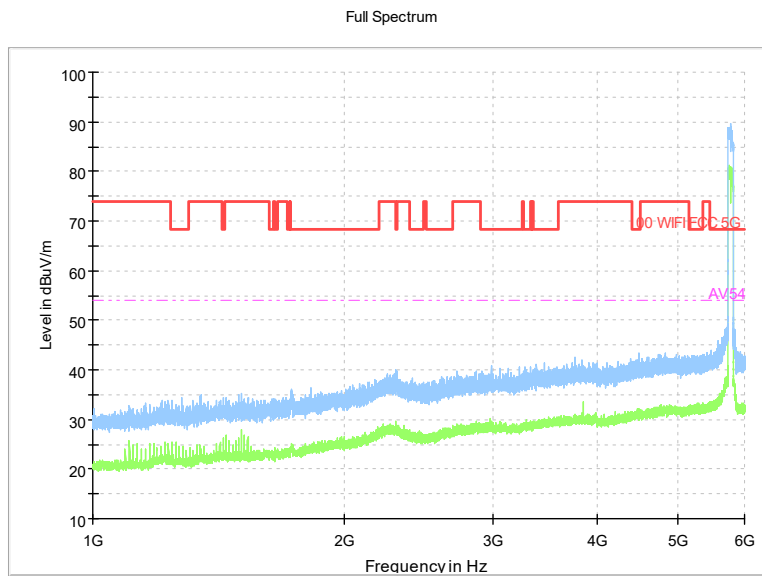


Frequency Range: 18GHz -40GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT40)

Carrier frequency (MHz): 5775
Channel No.:155

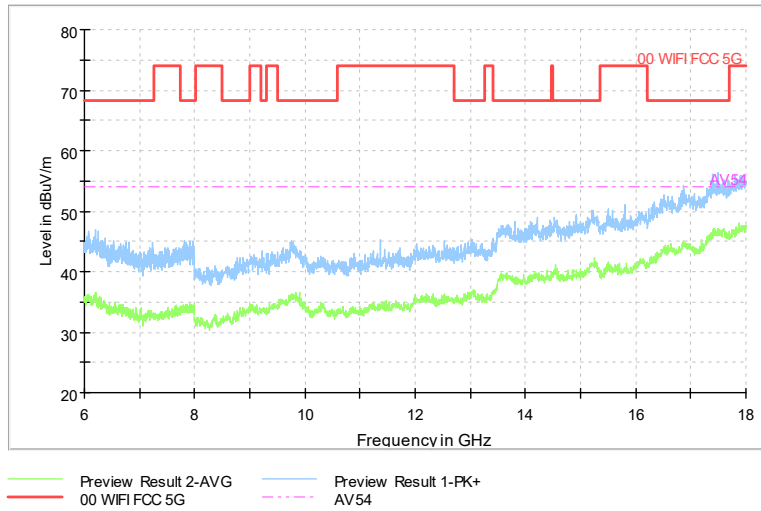


Frequency Range: 30MHz -1GHz
Detector: Av mode and PK mode
Test Mode: 802.11ac(VHT80)



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

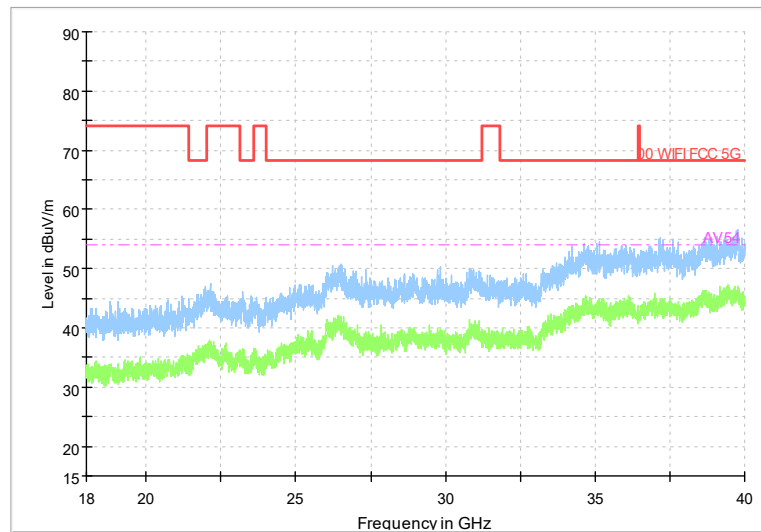
Full Spectrum



Comment

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)

---End of Test Report---