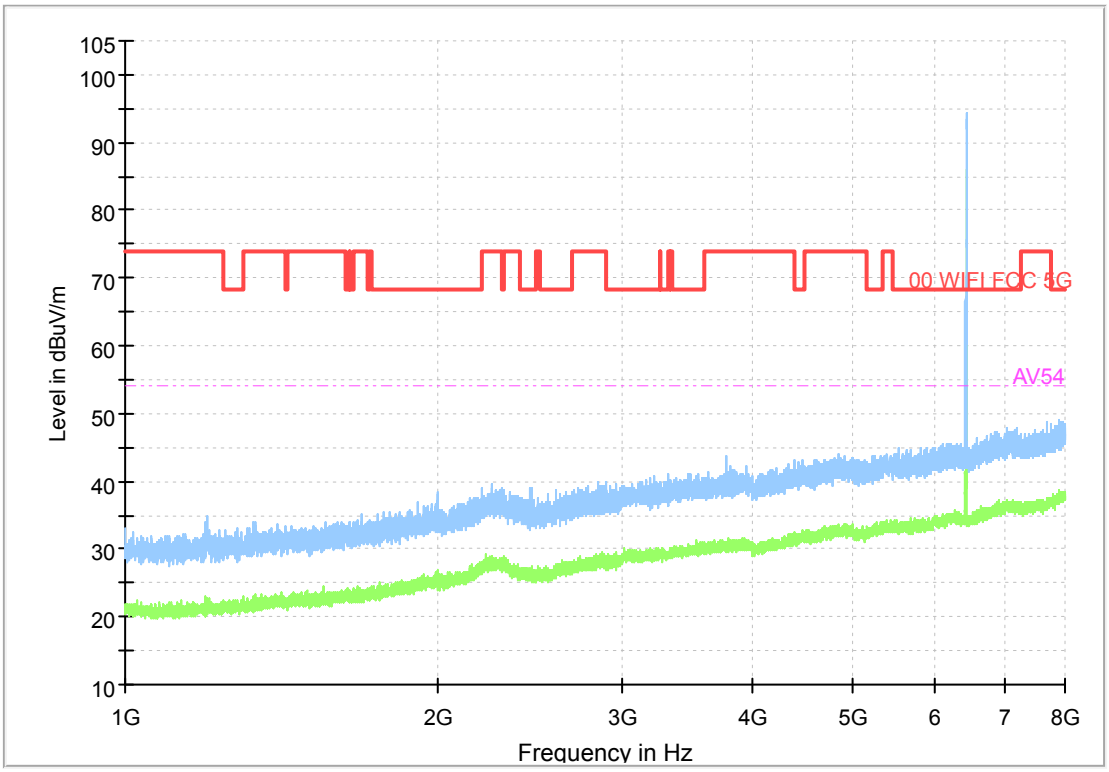
802.11ax (20MHz)

CHANNEL	TX Channel 97	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

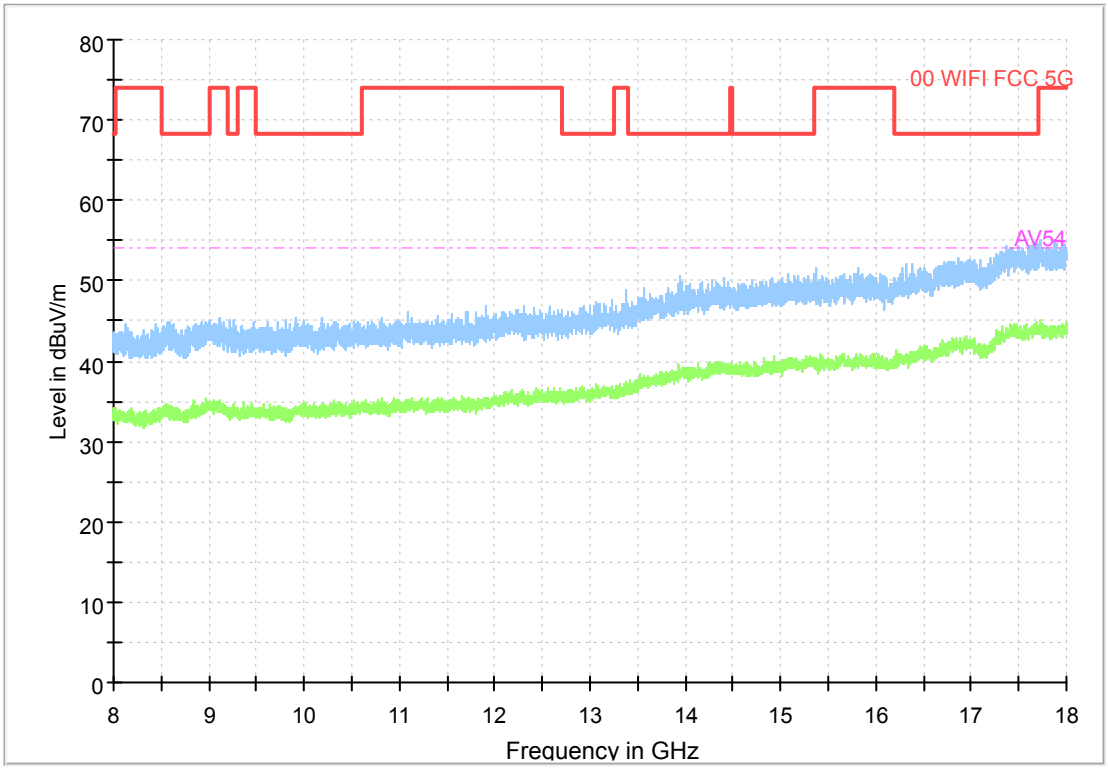
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 97	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

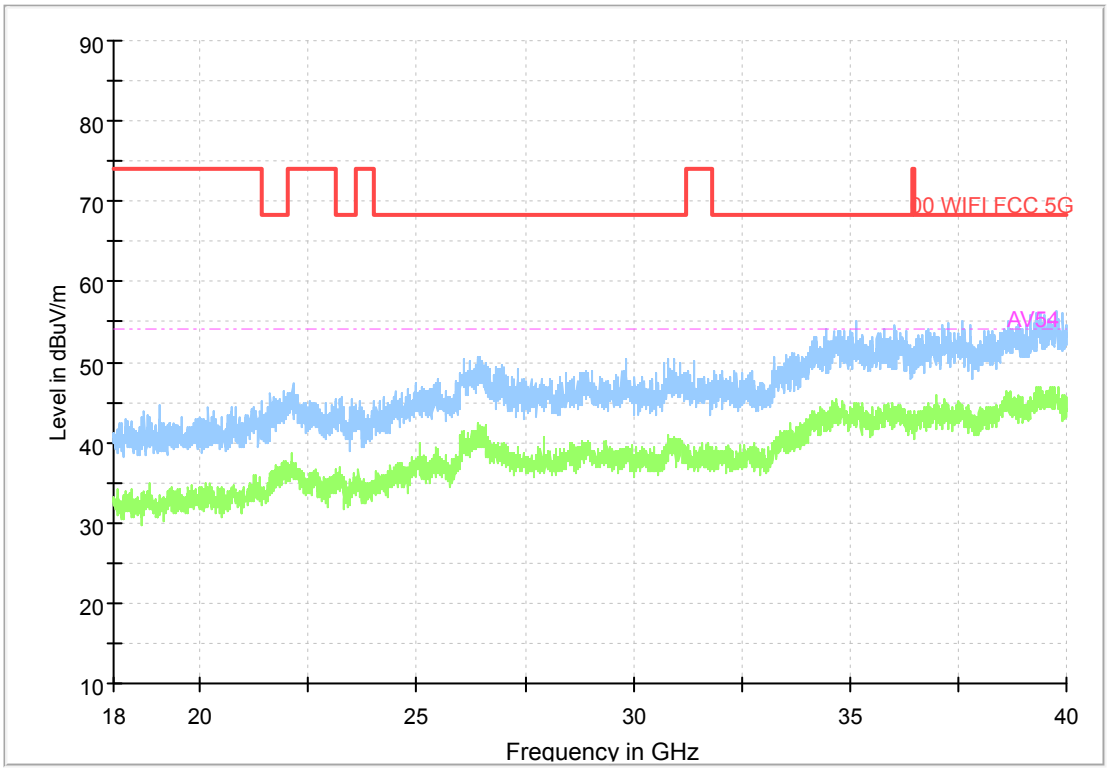
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 97	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

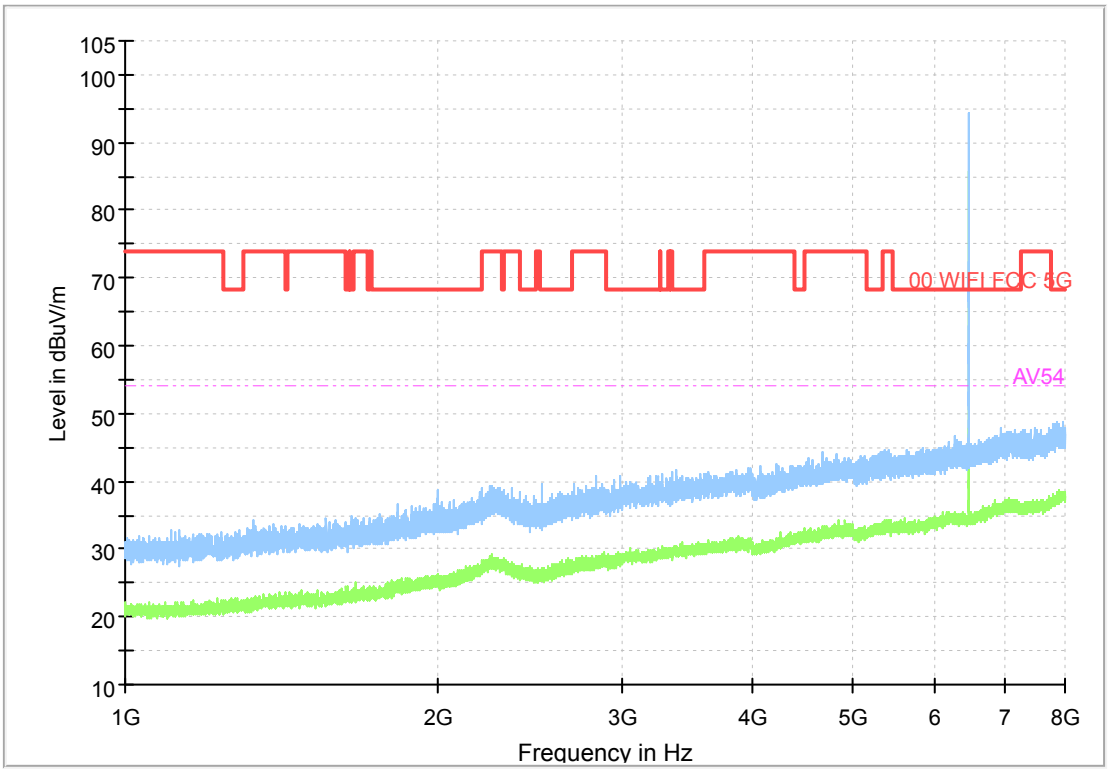
Full Spectrum



802.11ax (20MHz

CHANNEL	TX Channel 105	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

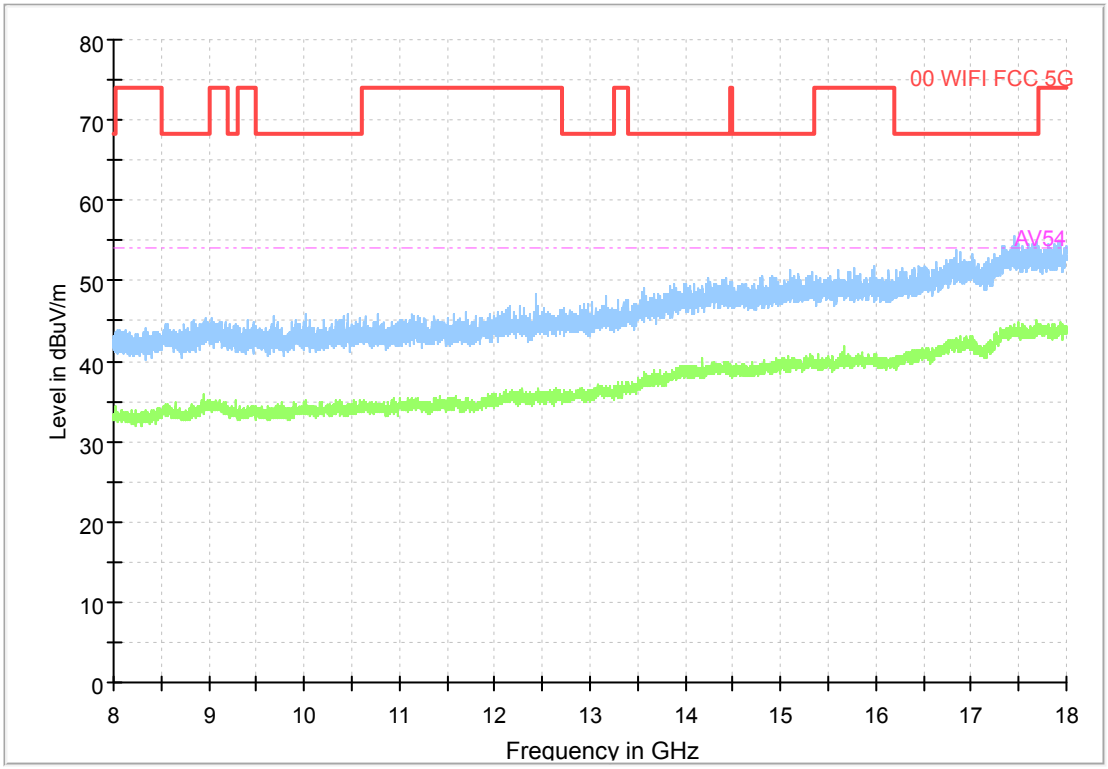
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 105	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

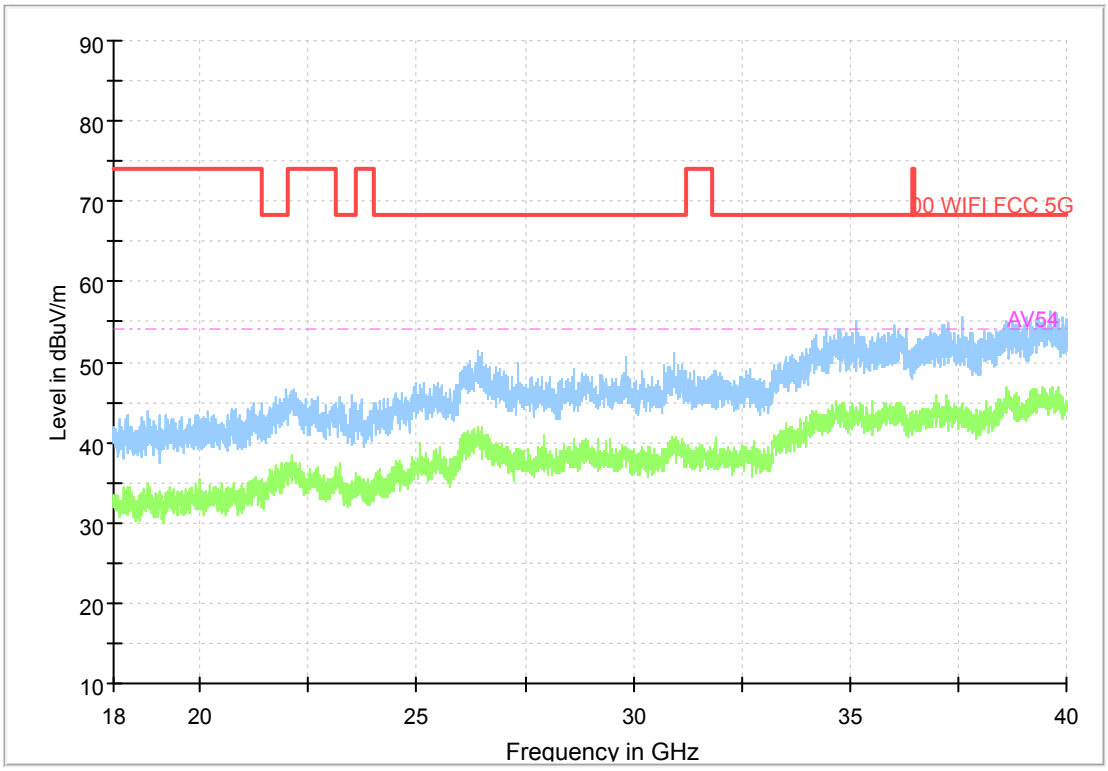
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 105	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

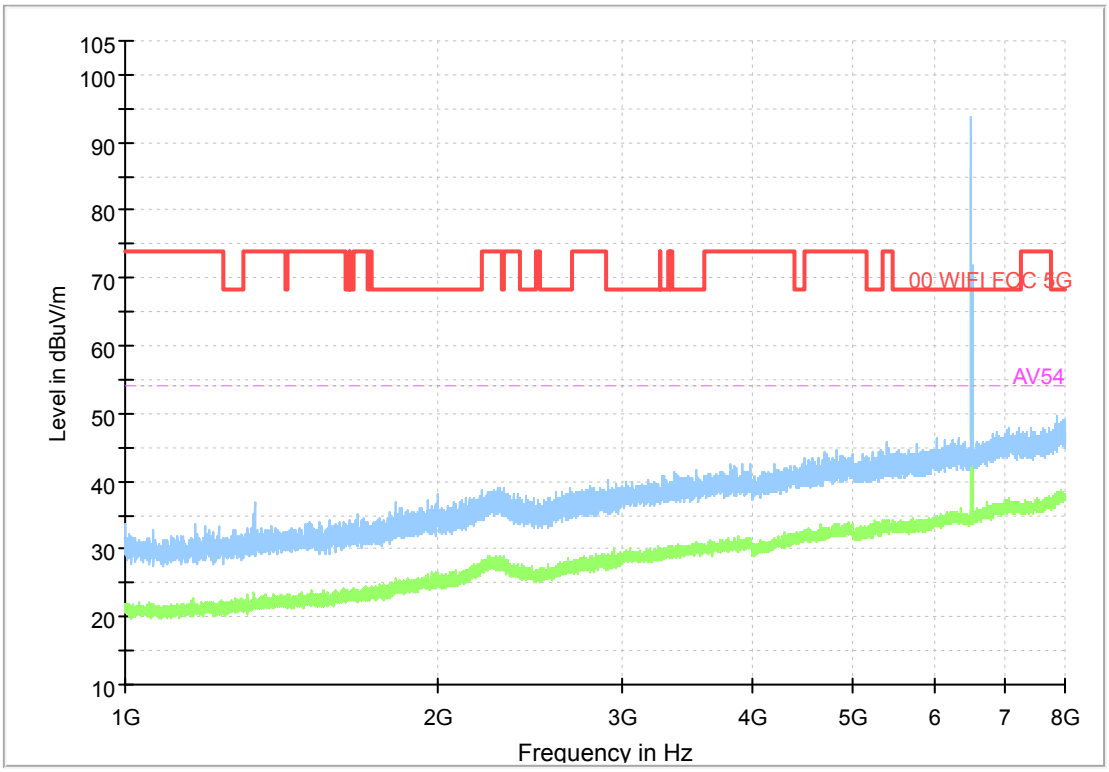
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 113	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

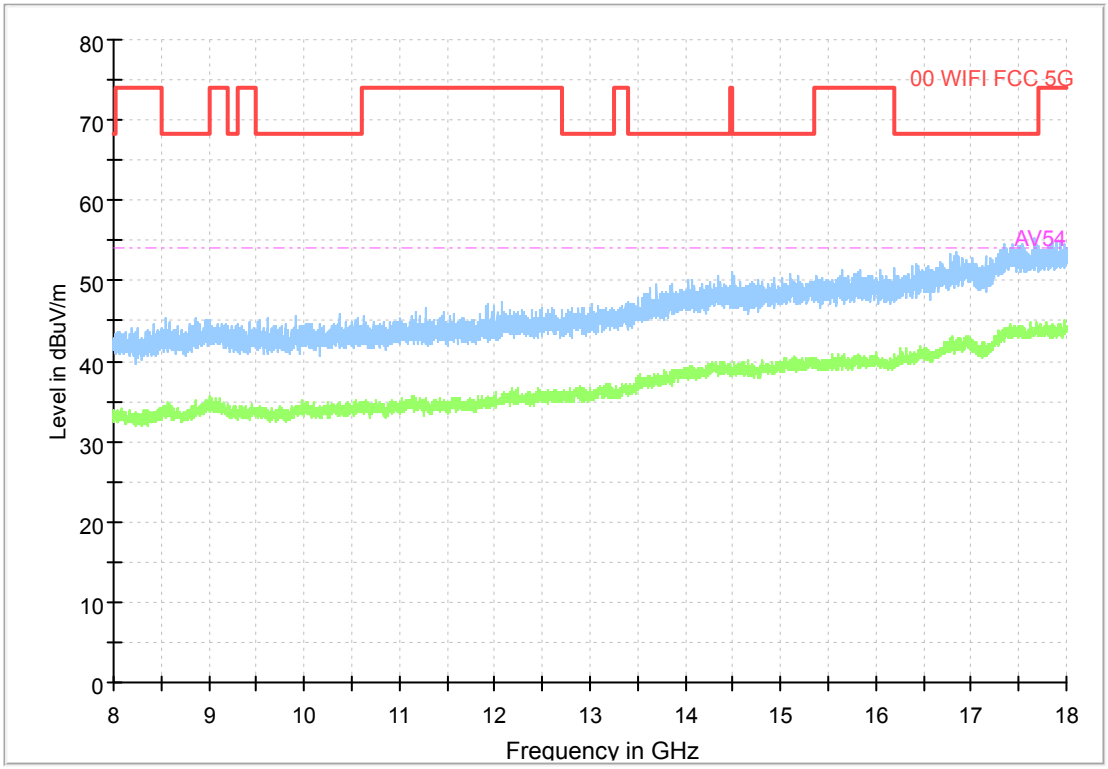
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 113	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

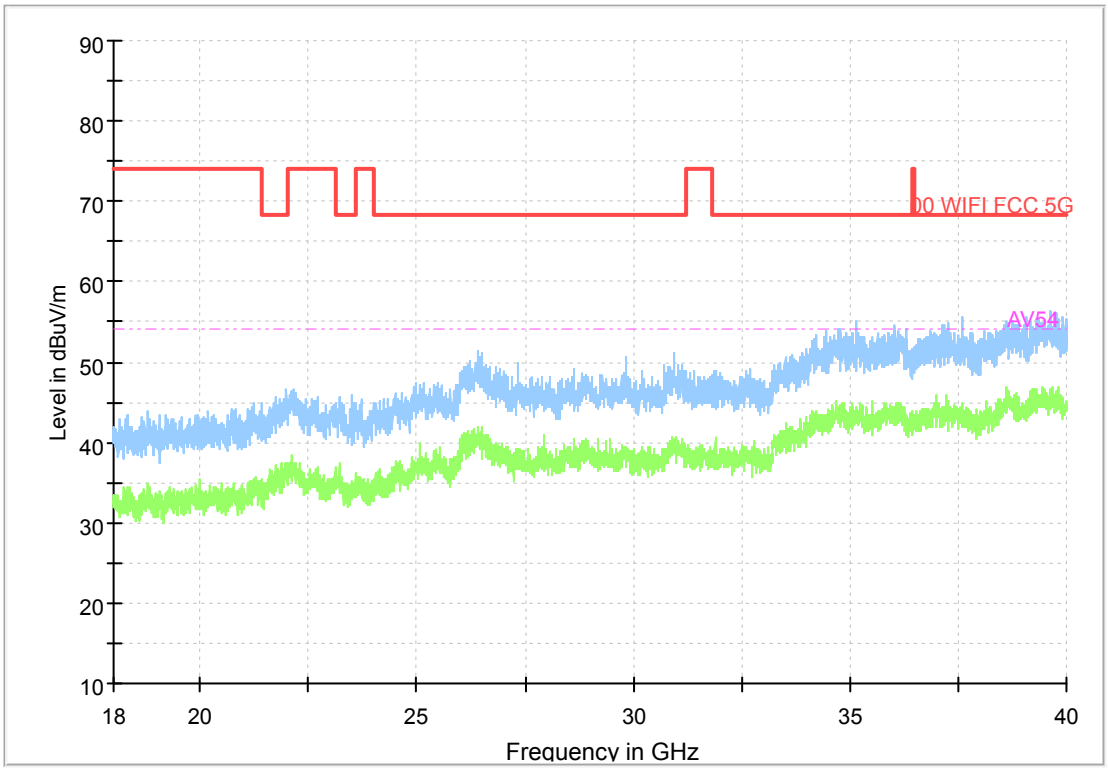
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 113	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

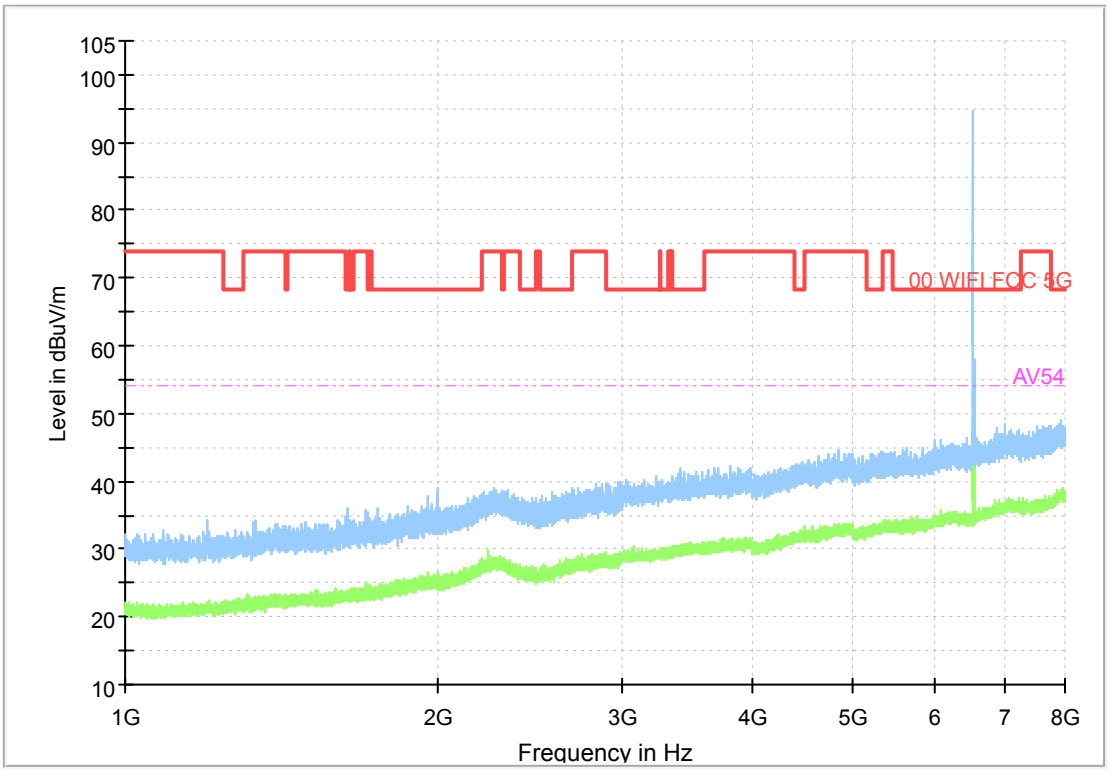
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 117	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

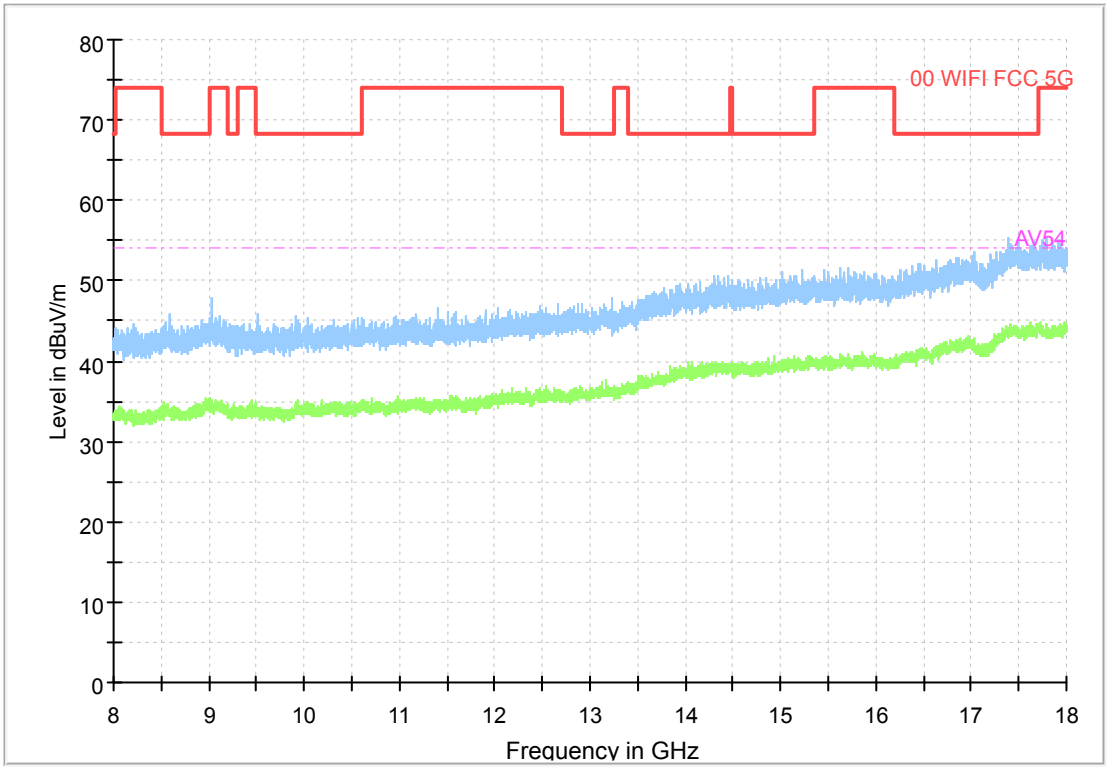
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 117	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

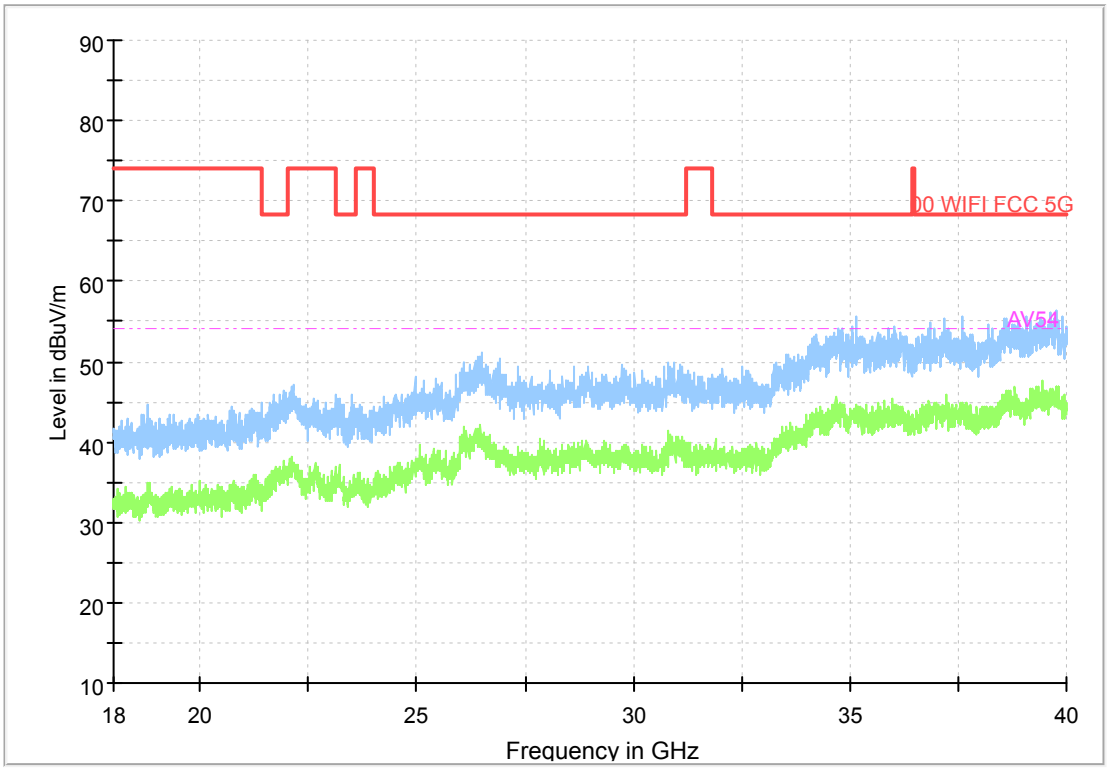
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 117	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

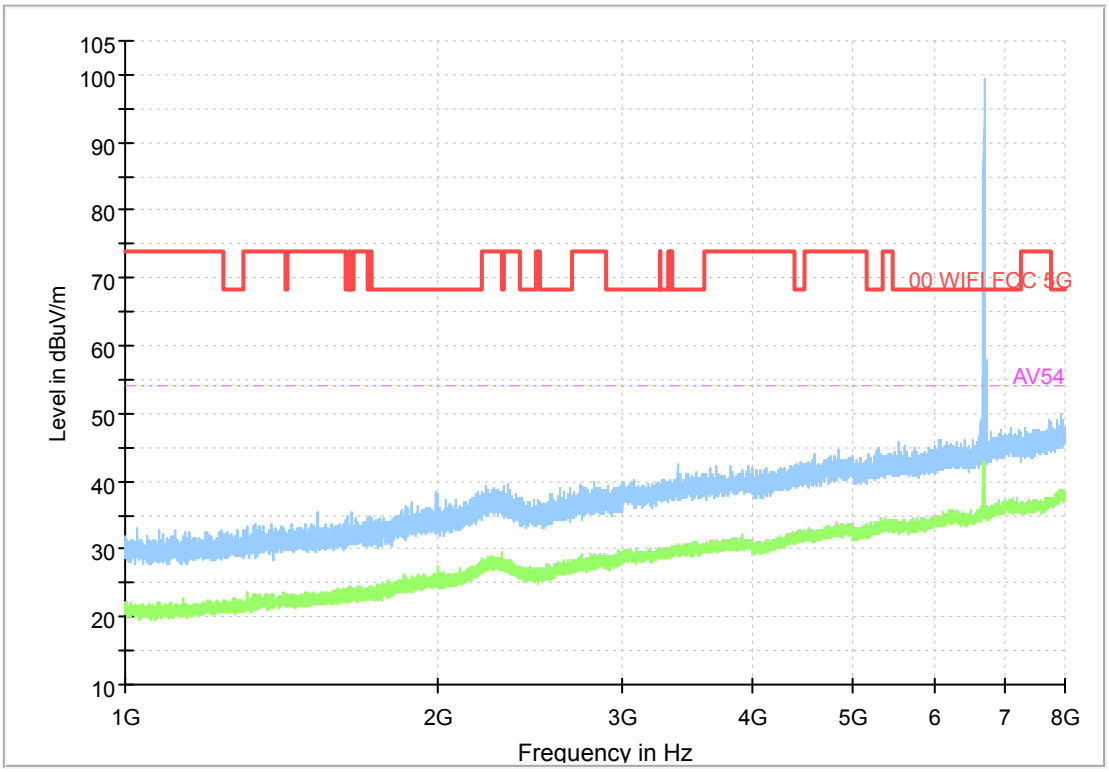
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

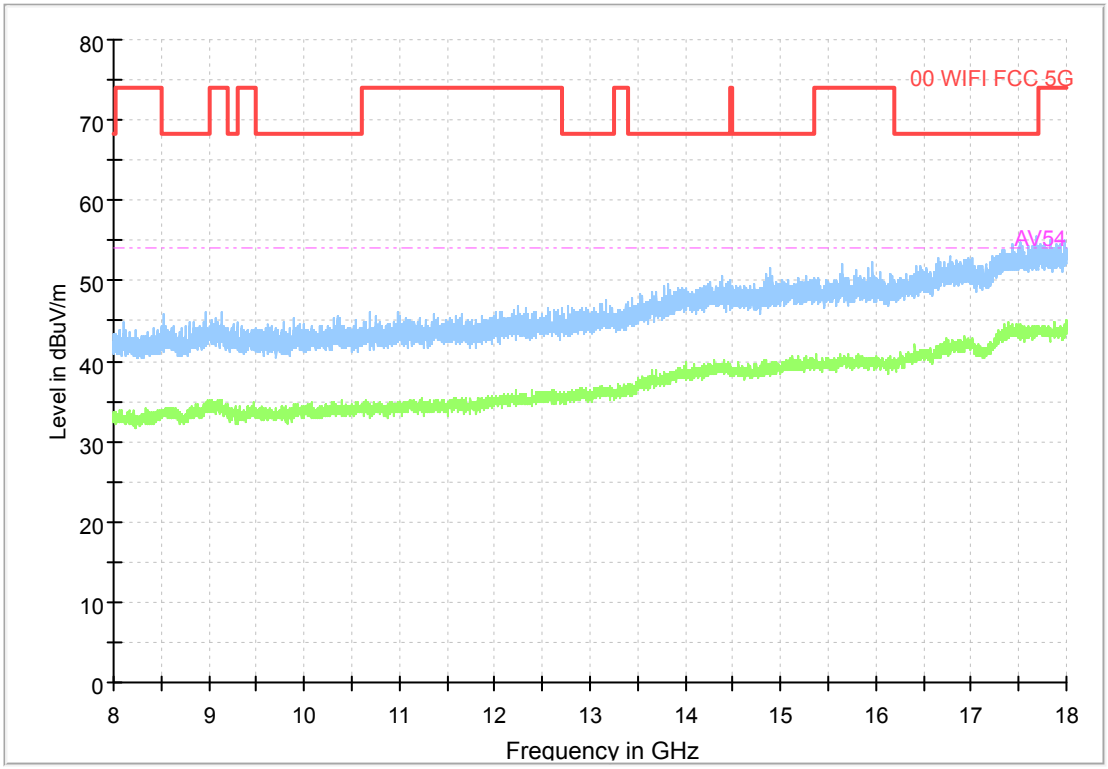
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

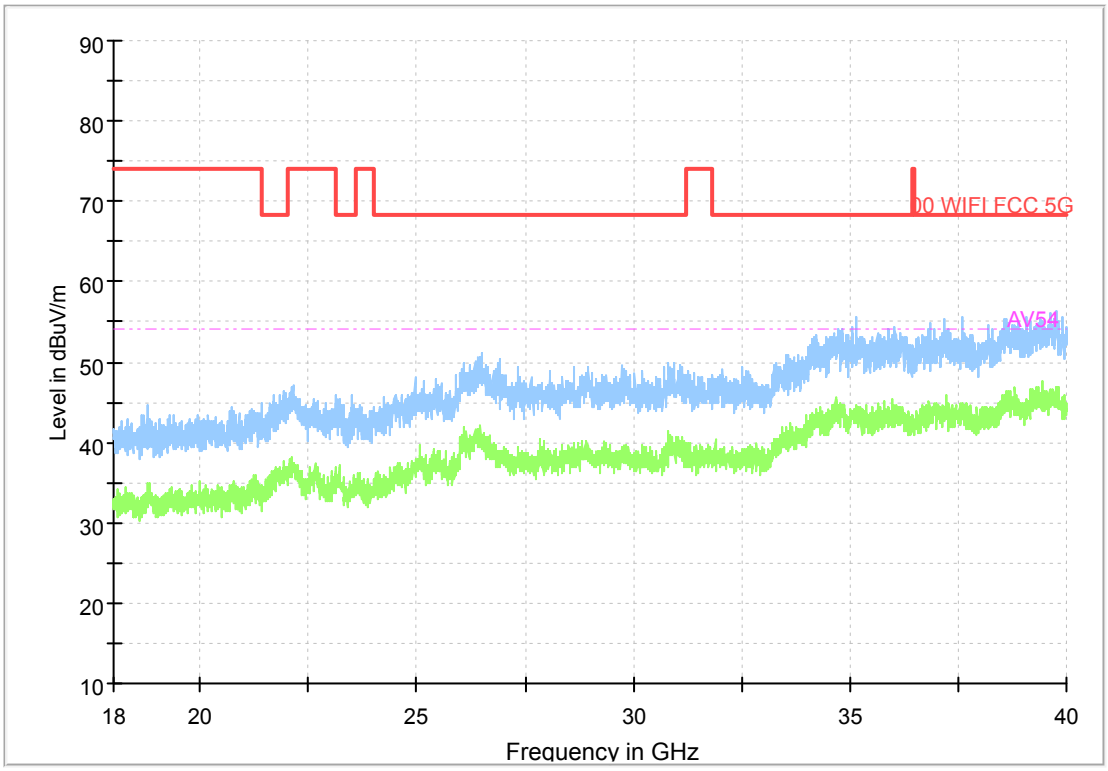
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 149	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

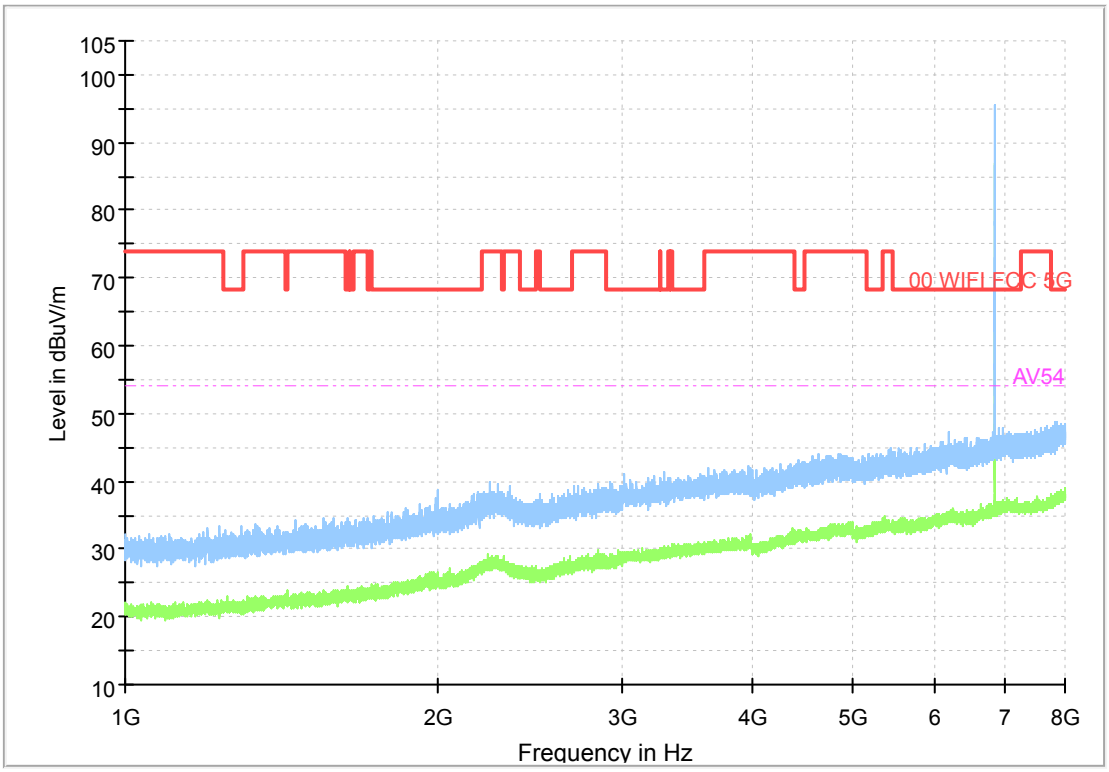
Full Spectrum



802.11ax (20MHz

CHANNEL	TX Channel 181	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

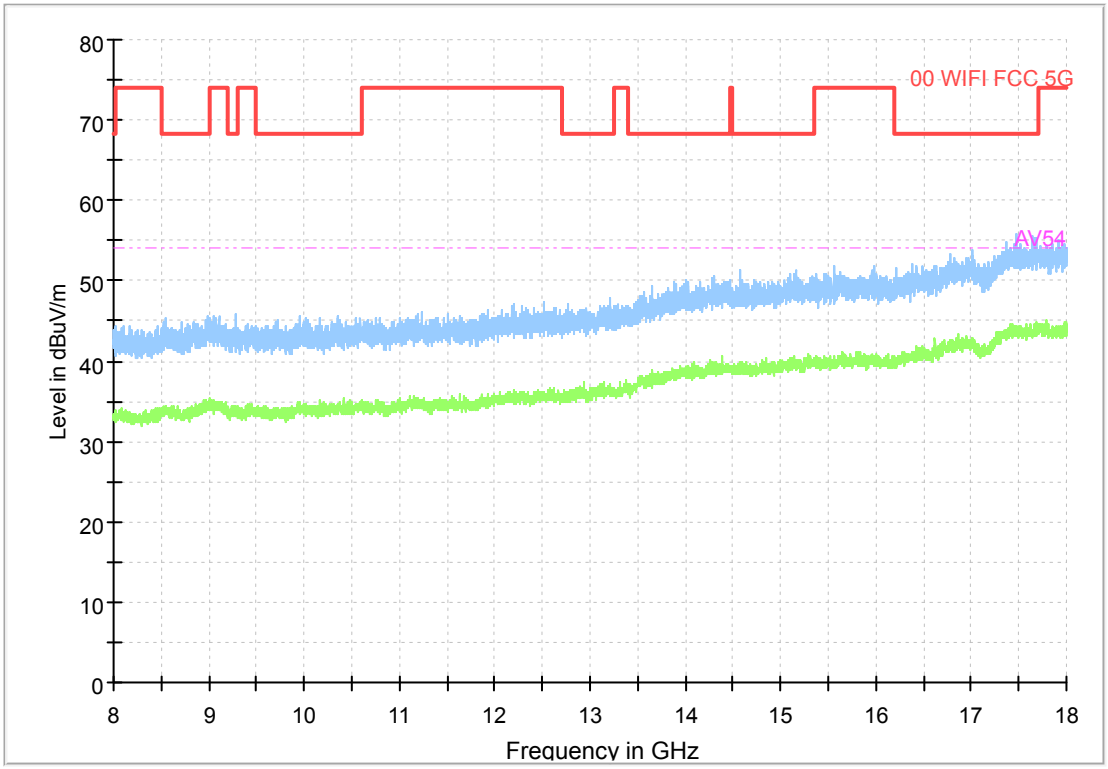
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 181	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

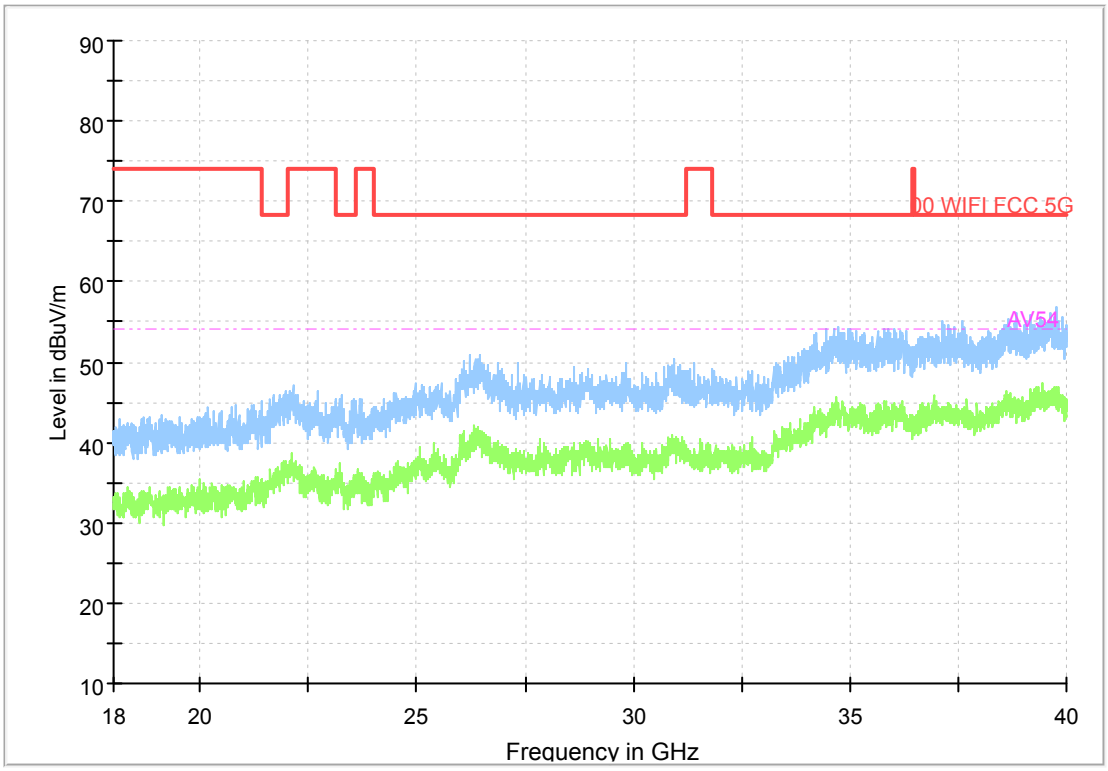
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 181	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

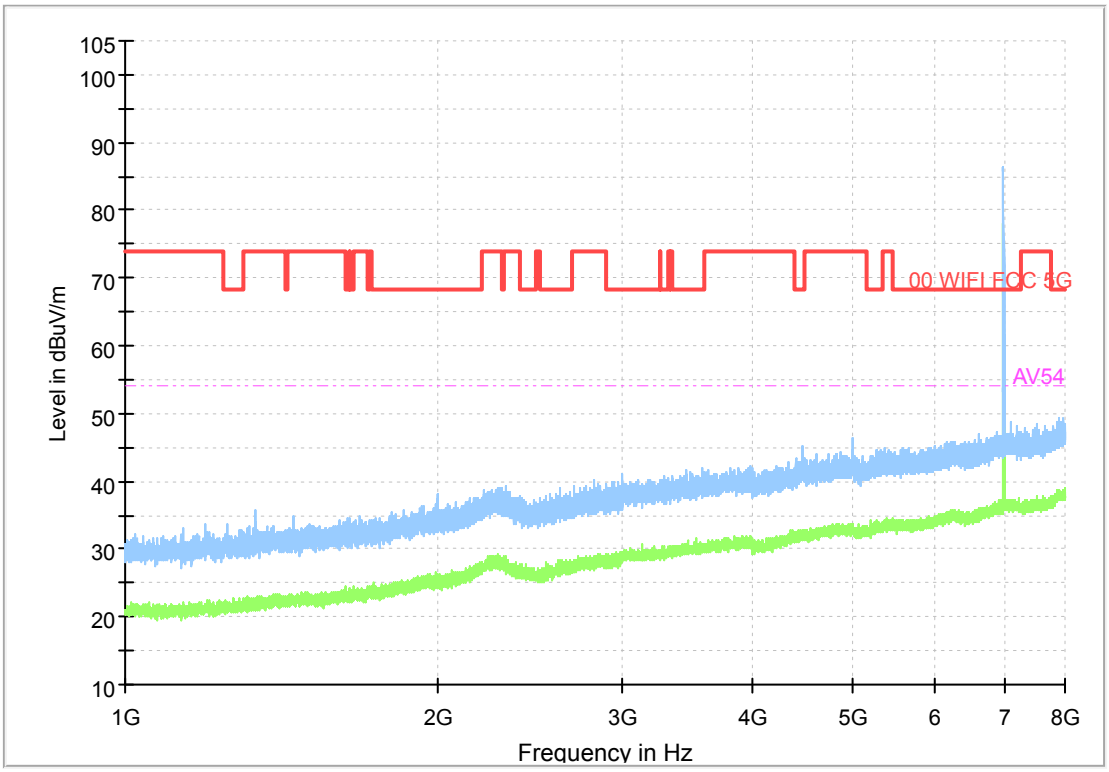
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 189	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

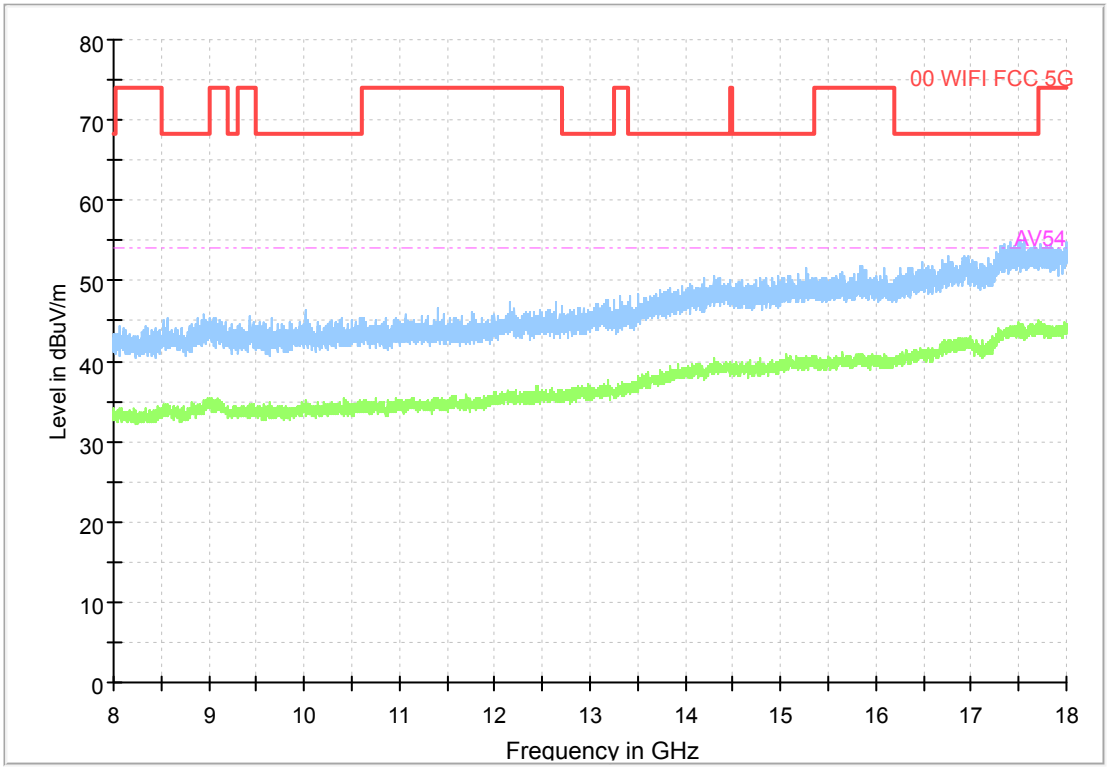
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 189	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

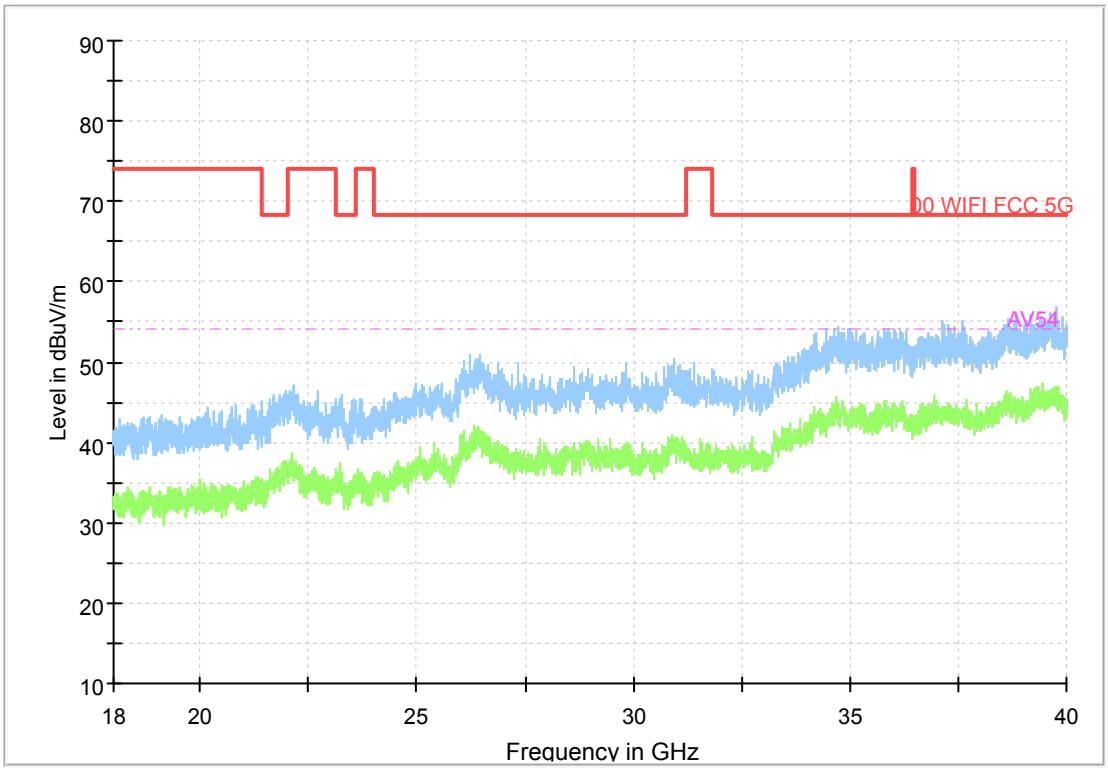
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 189	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

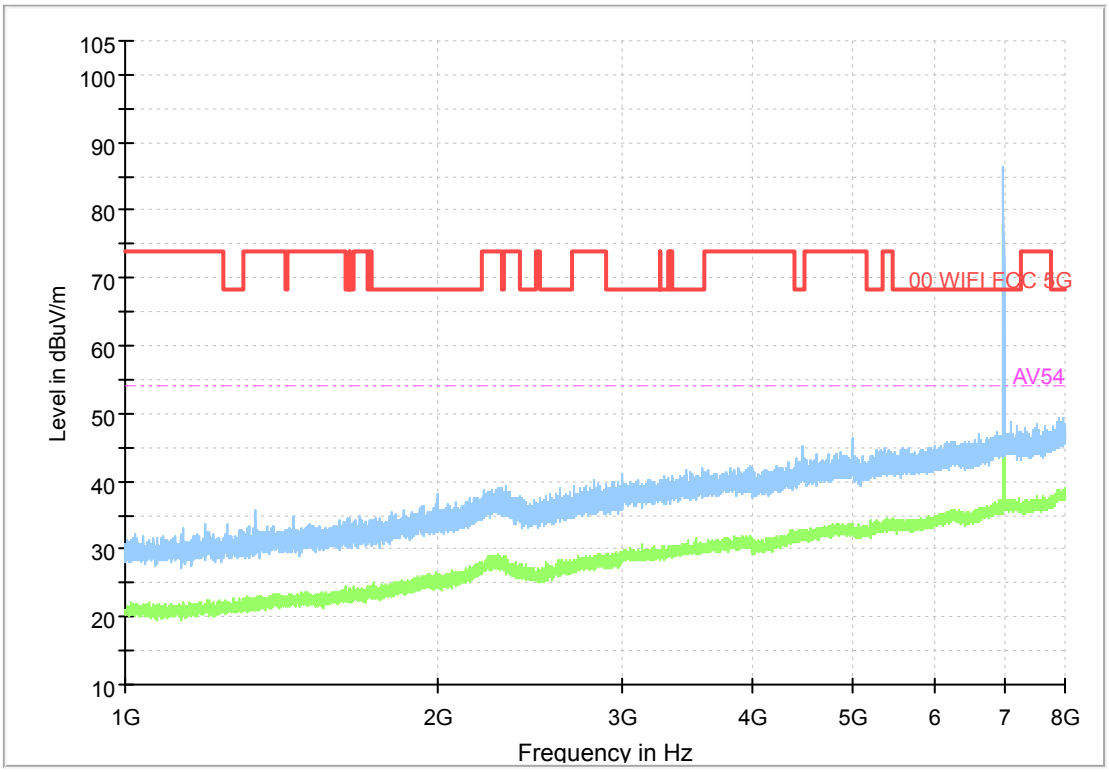
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 209	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

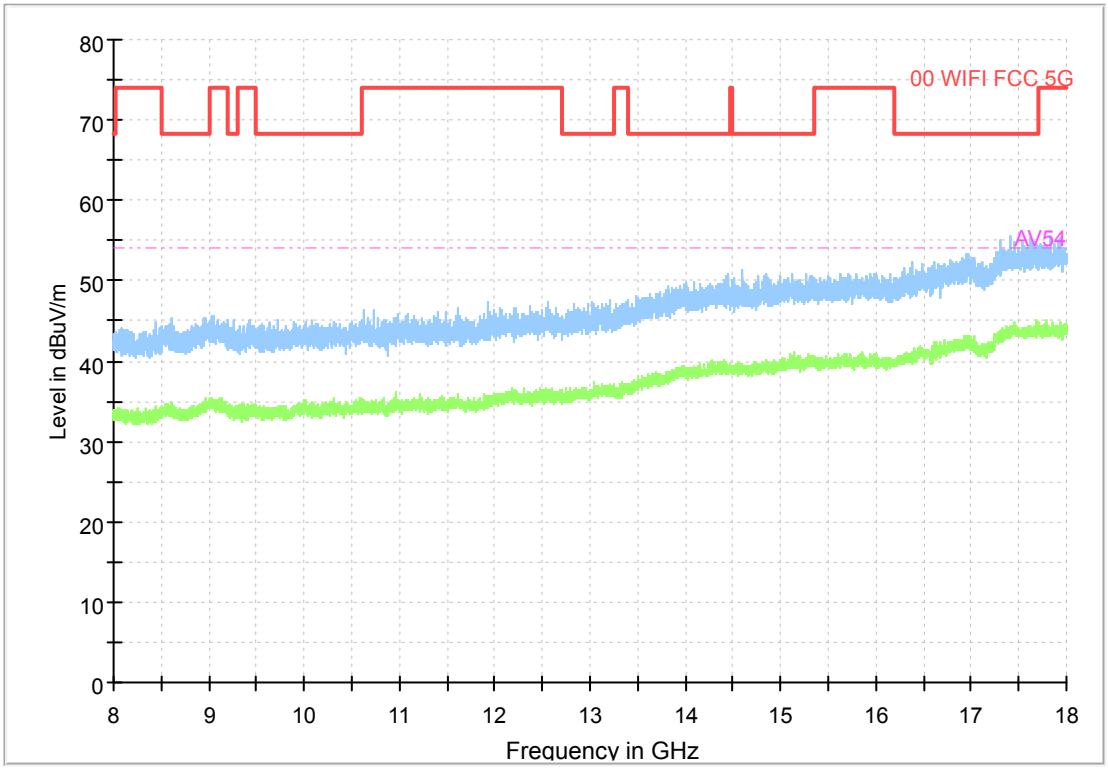
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 93	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

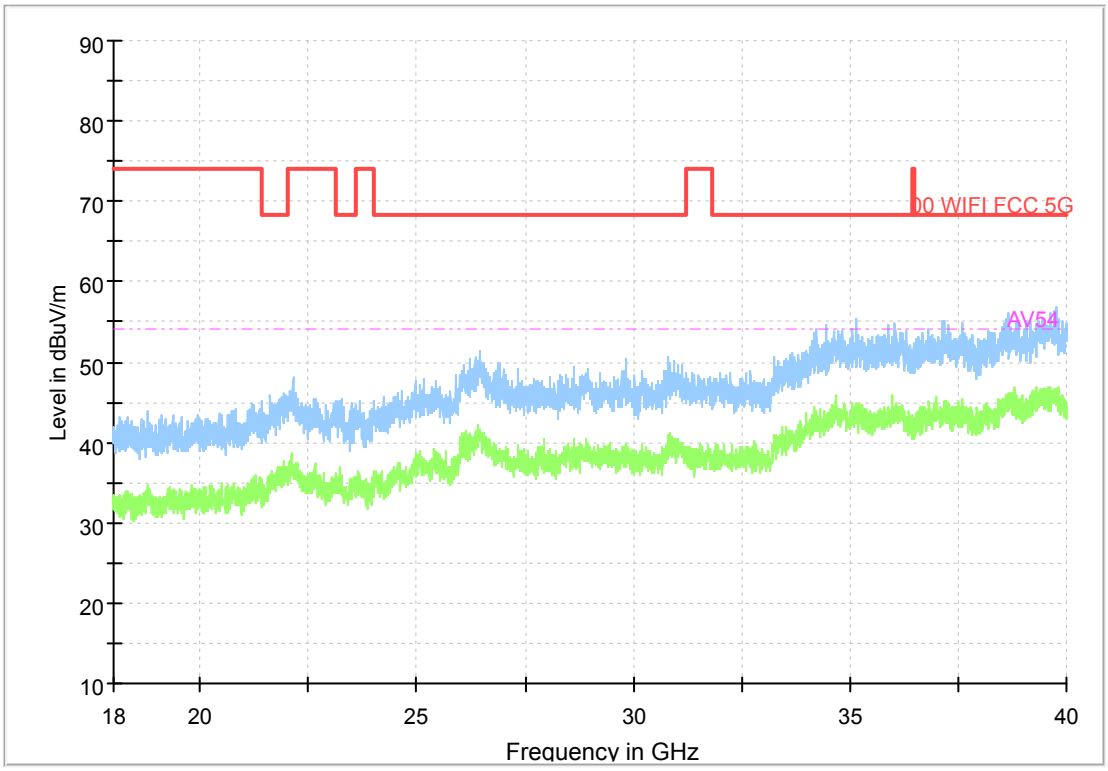
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 93	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

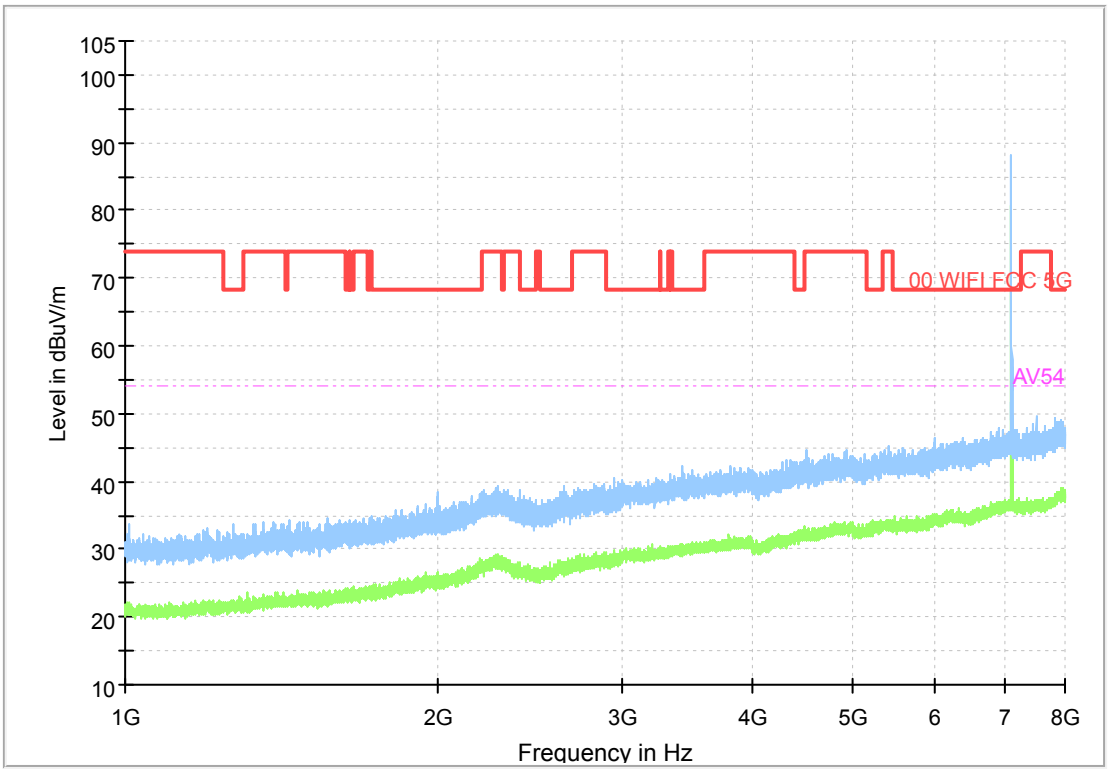
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 233	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

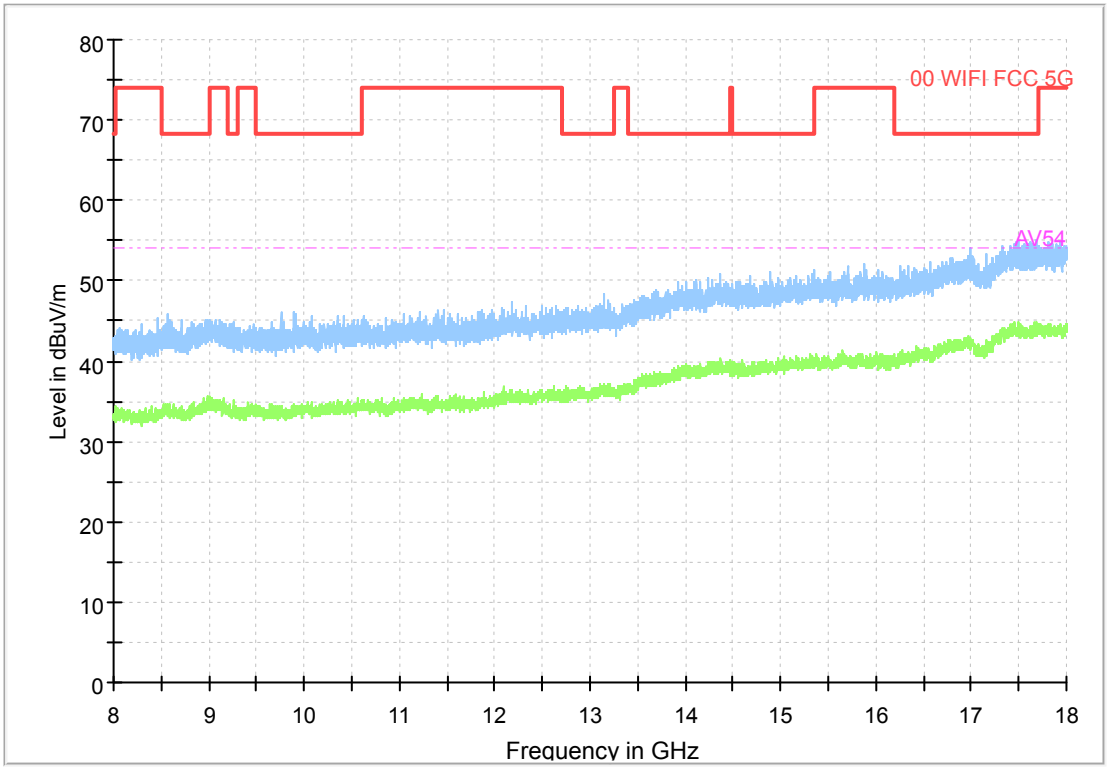
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 93	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

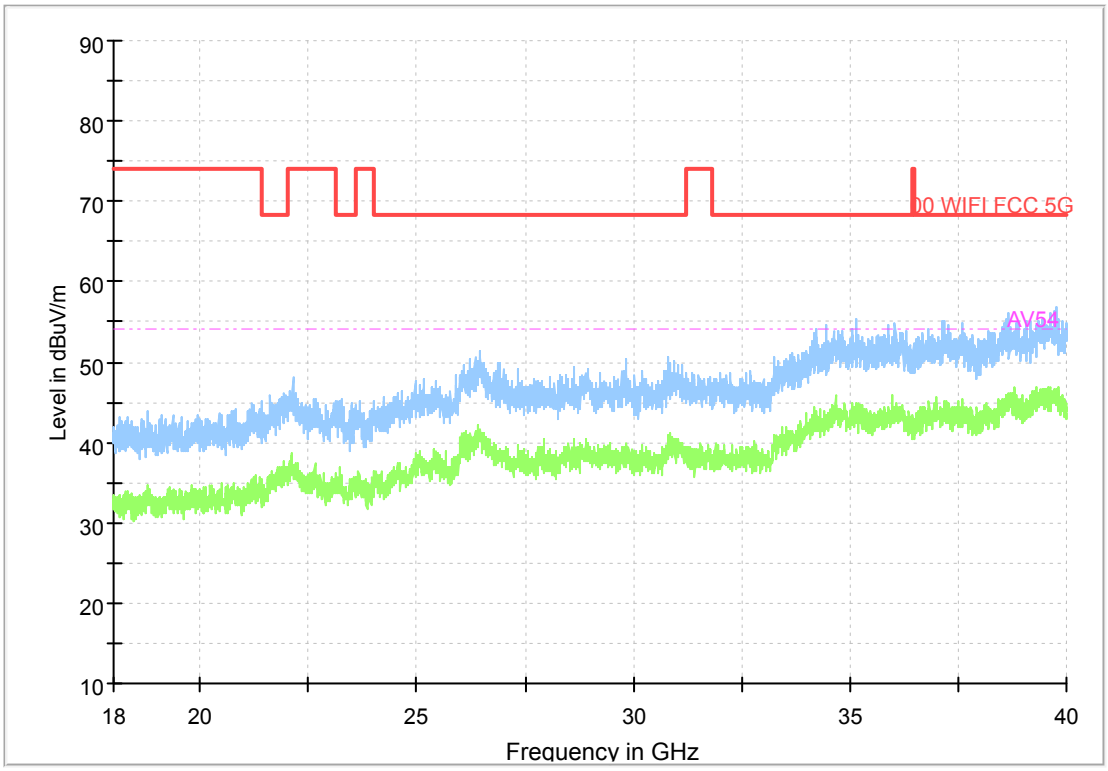
Full Spectrum



802.11ax (20MHz)

CHANNEL	TX Channel 93	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

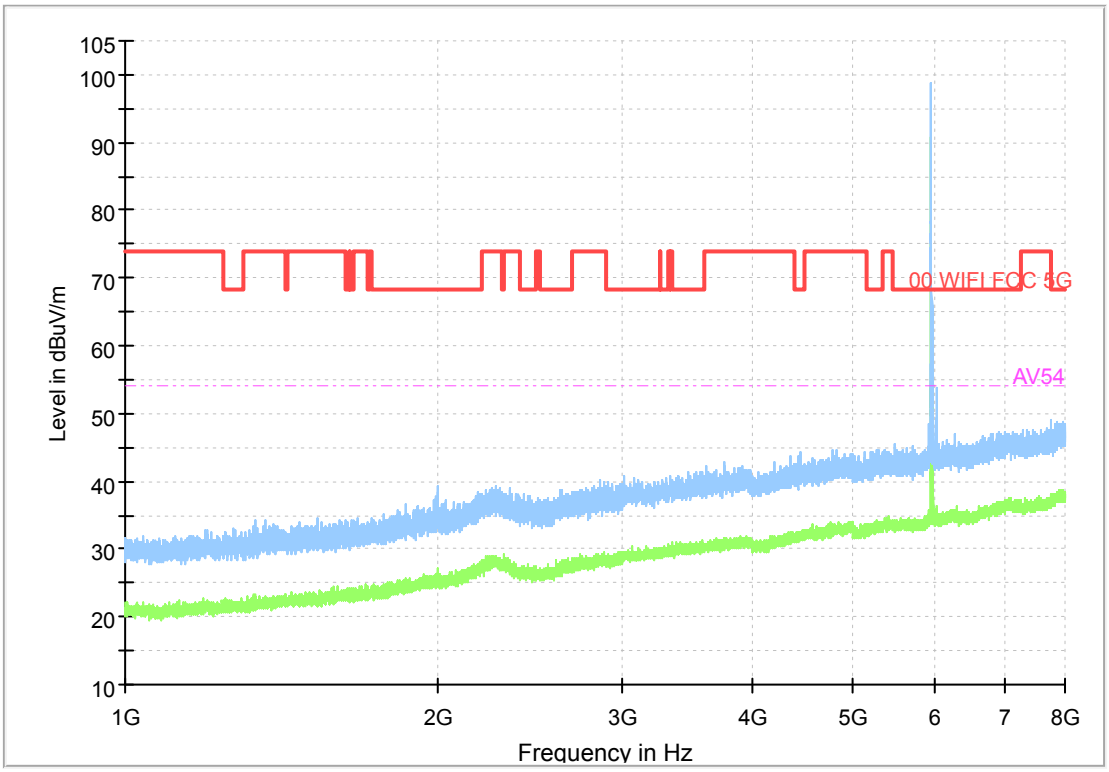
Full Spectrum



802.11ax (40MHz

CHANNEL	TX Channel 3	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

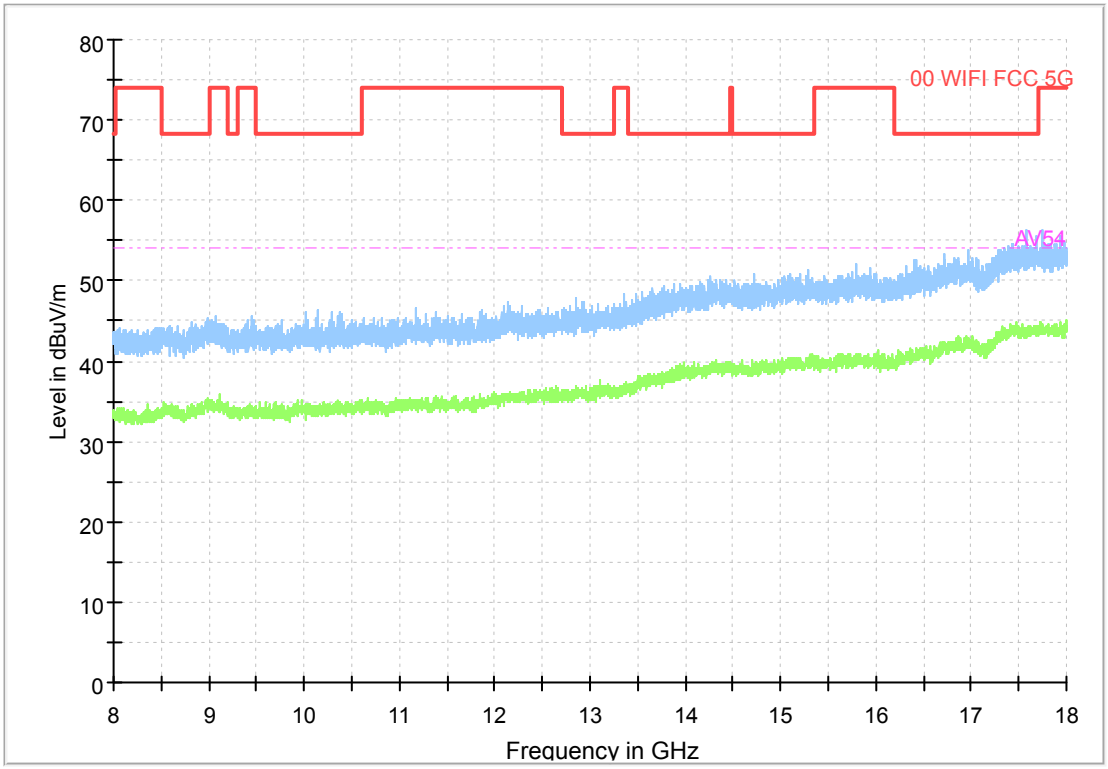
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

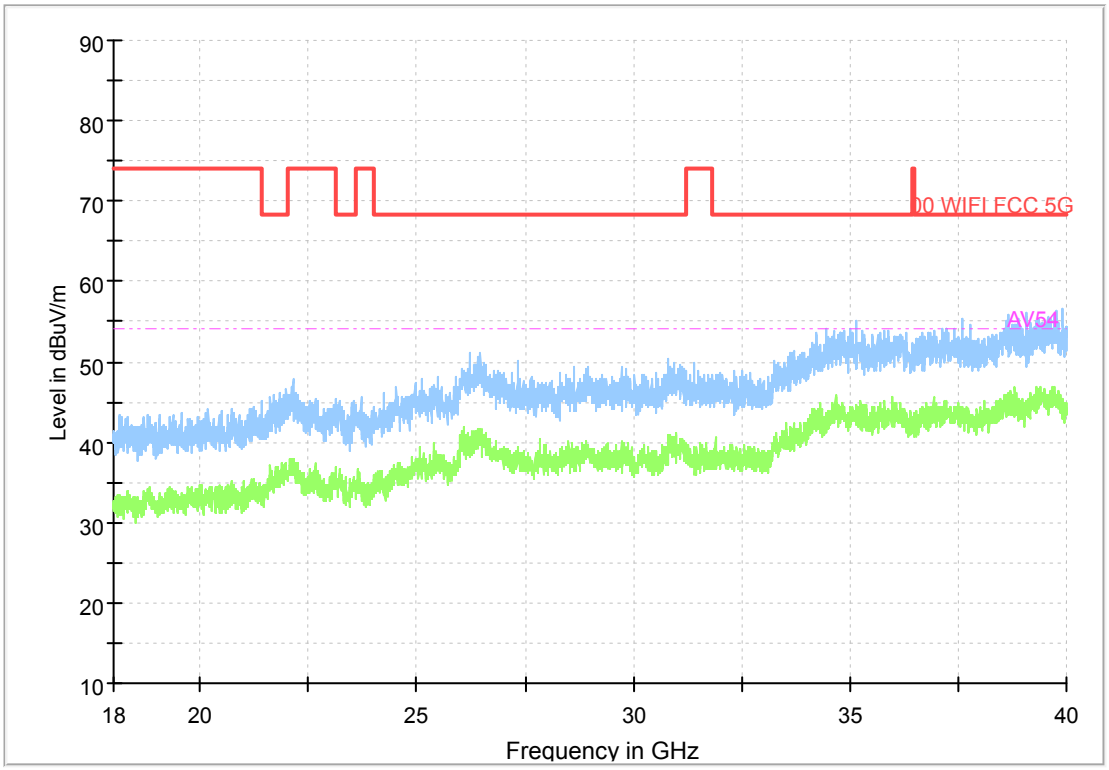
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 3	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

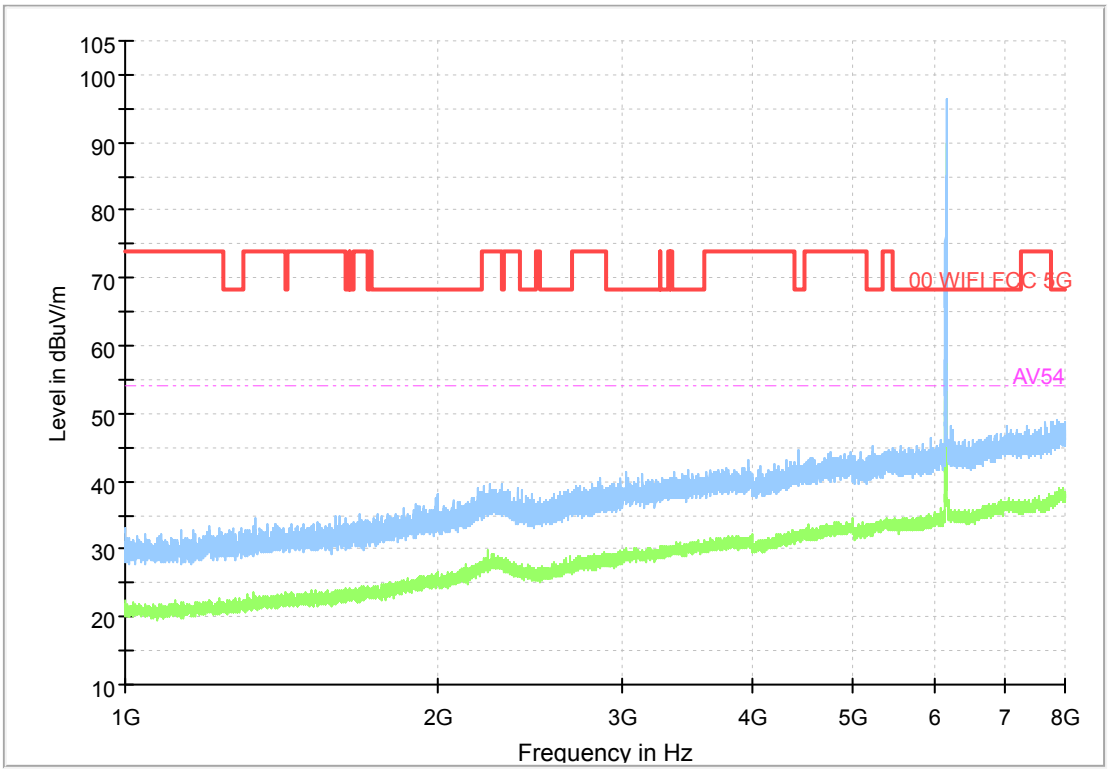
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 43	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

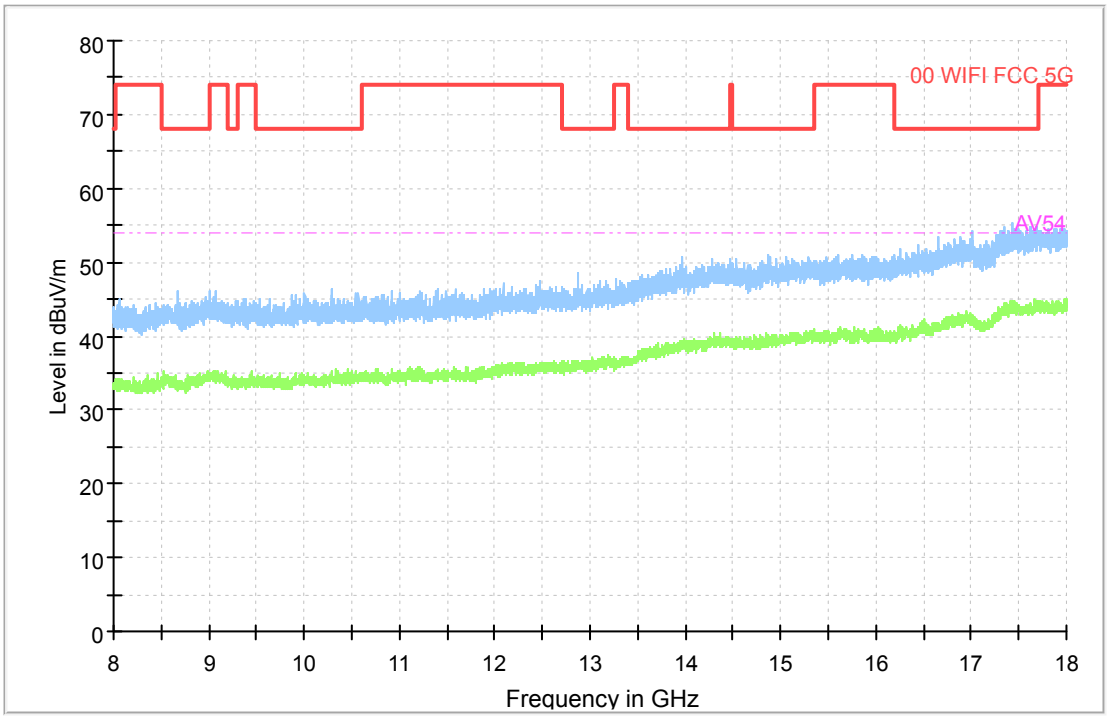
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 43	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

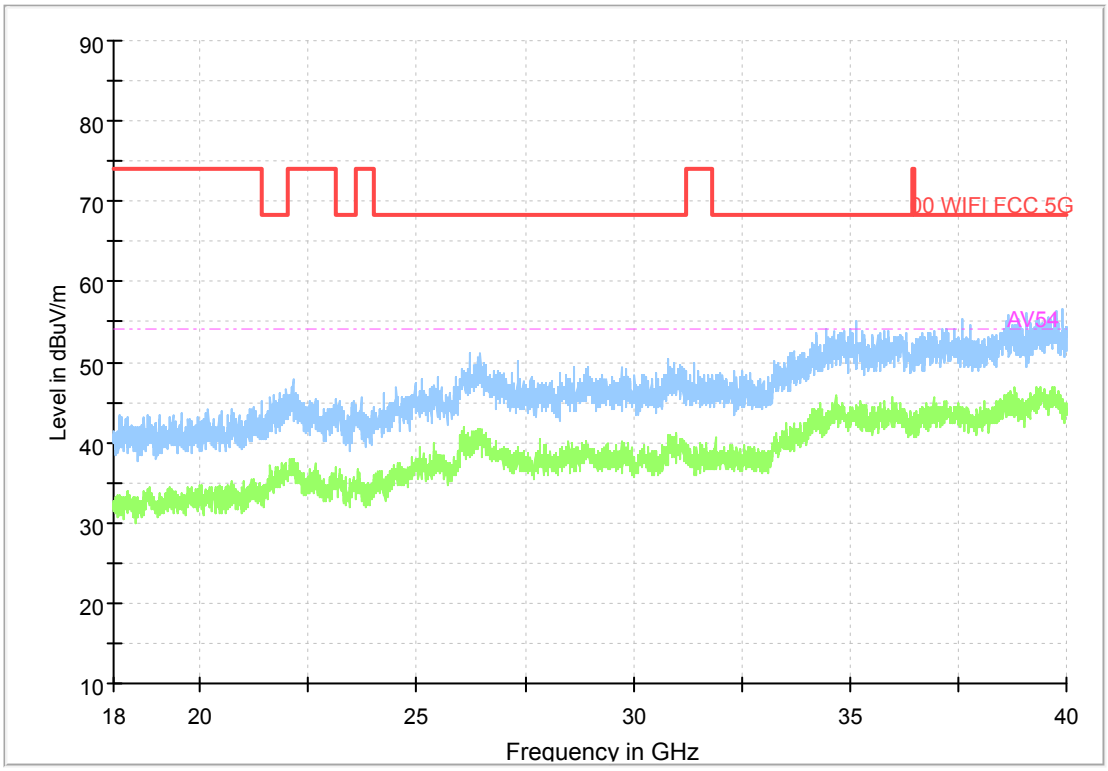


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 43	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

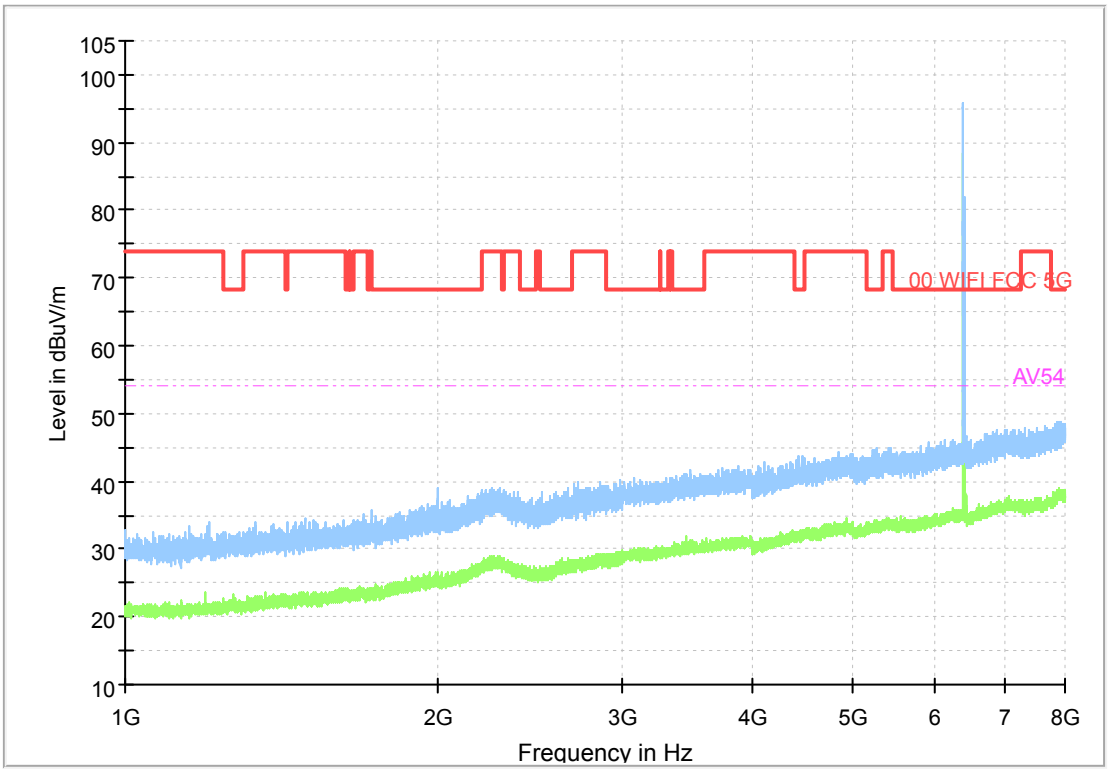
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 19	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

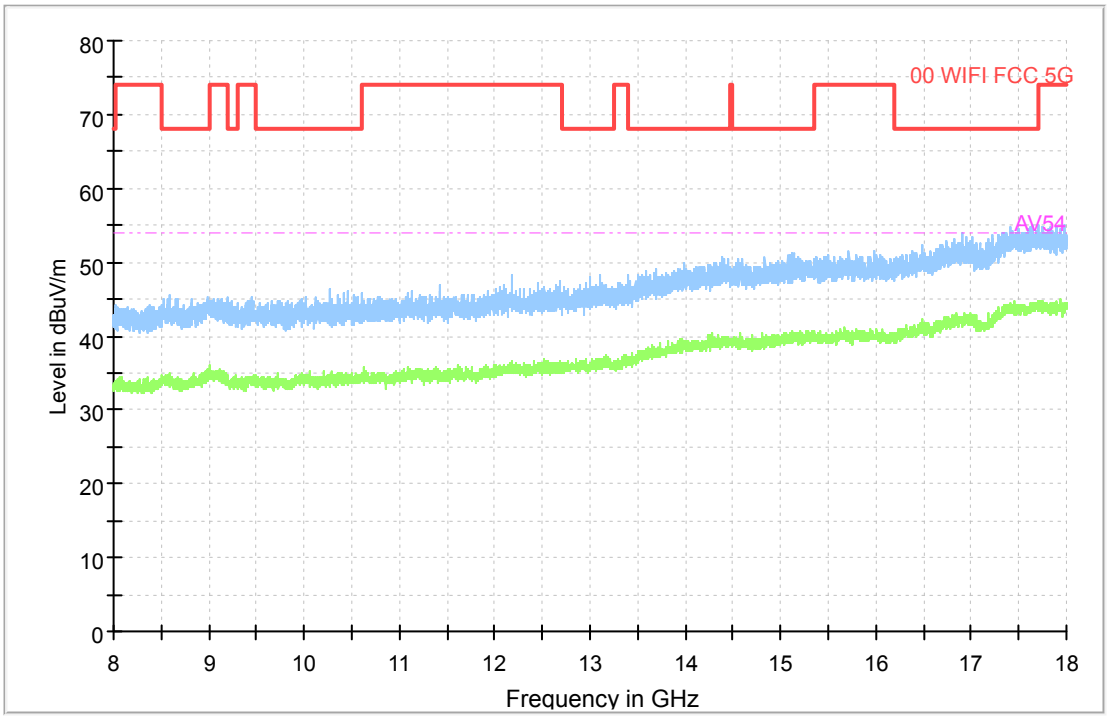
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 19	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

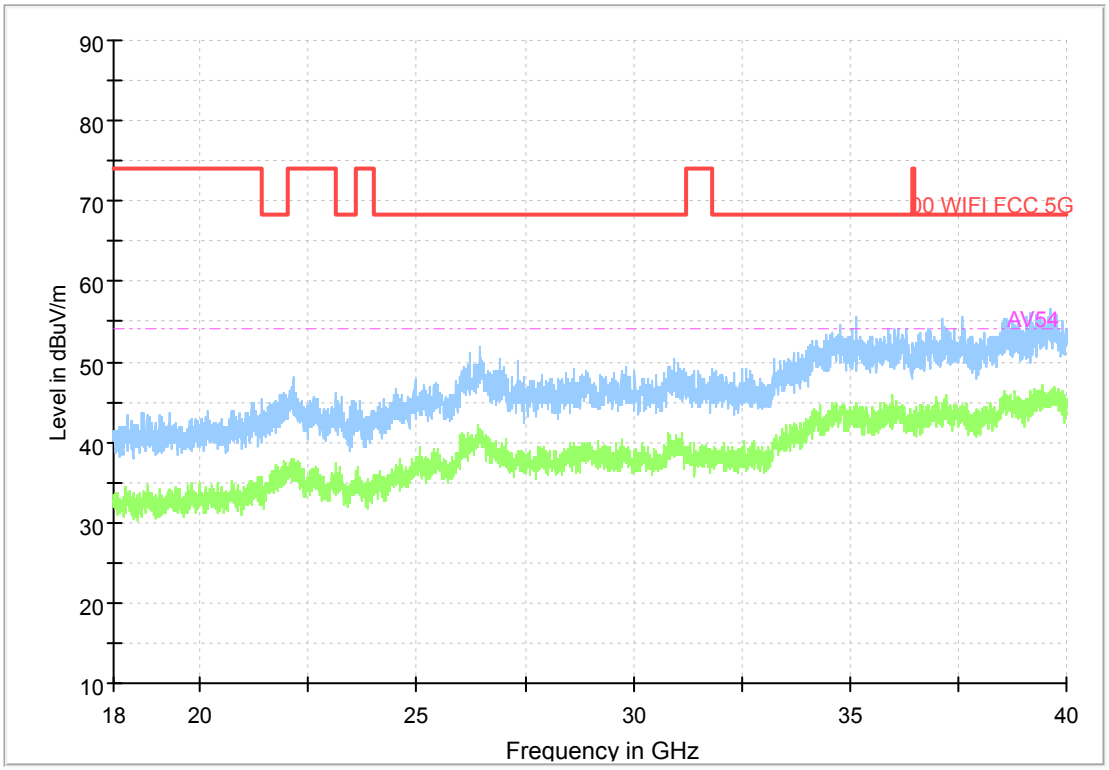


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 19	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

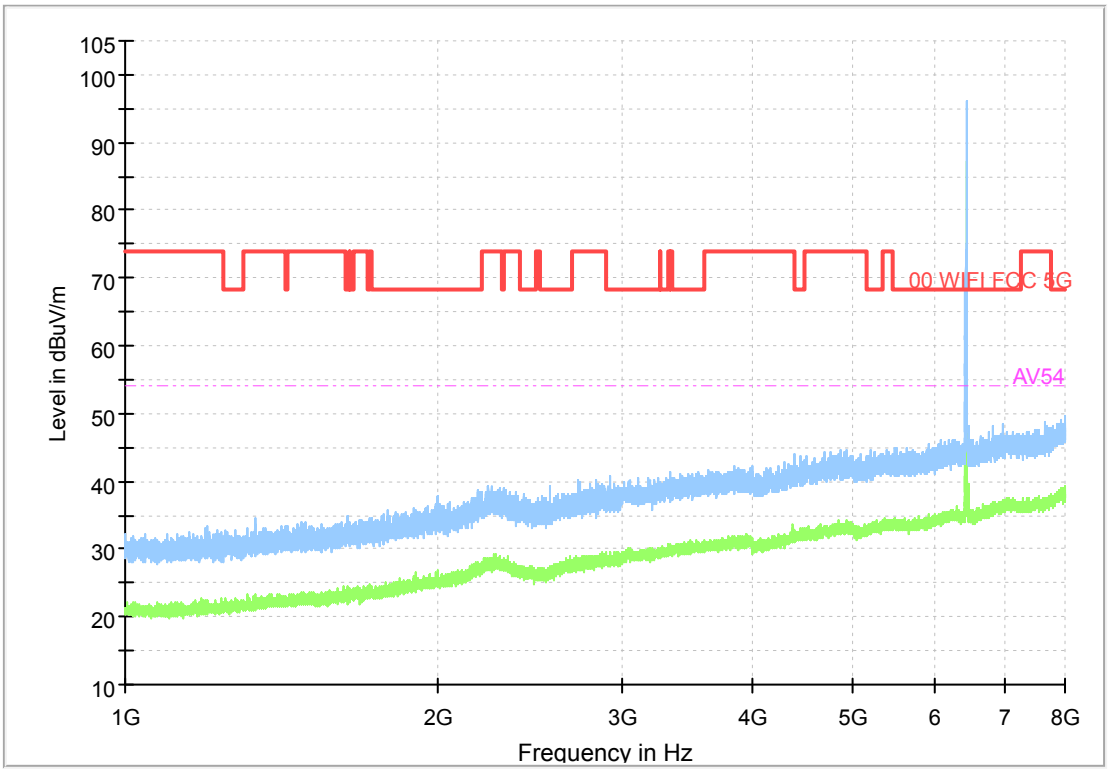
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 99	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

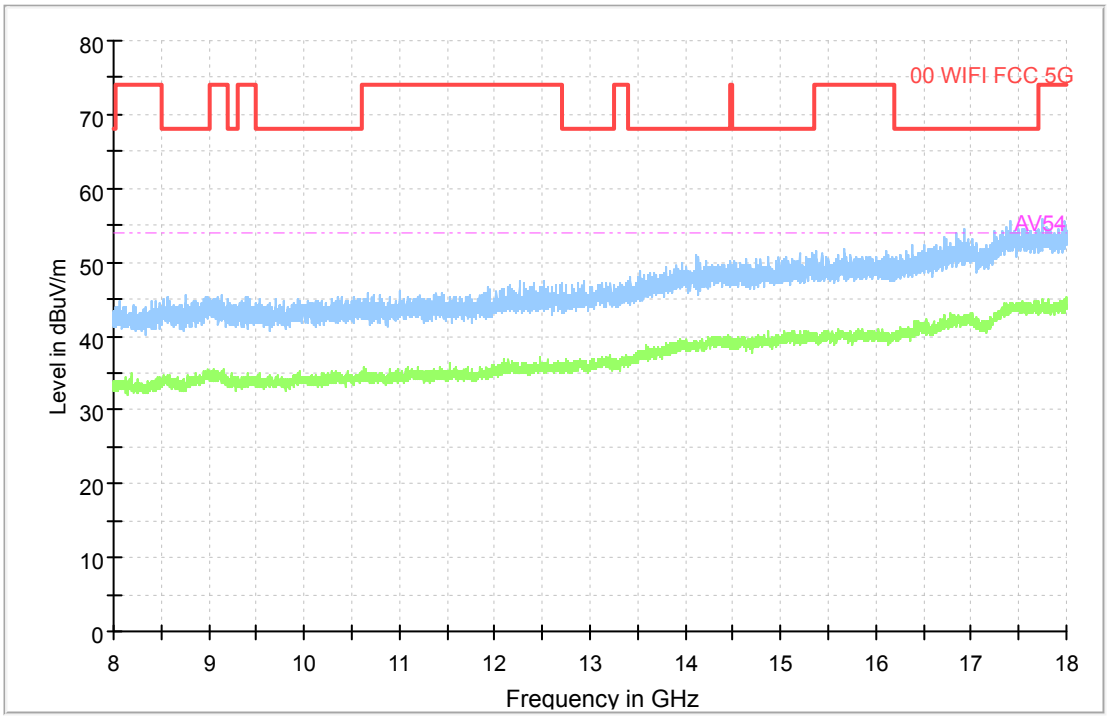
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 99	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

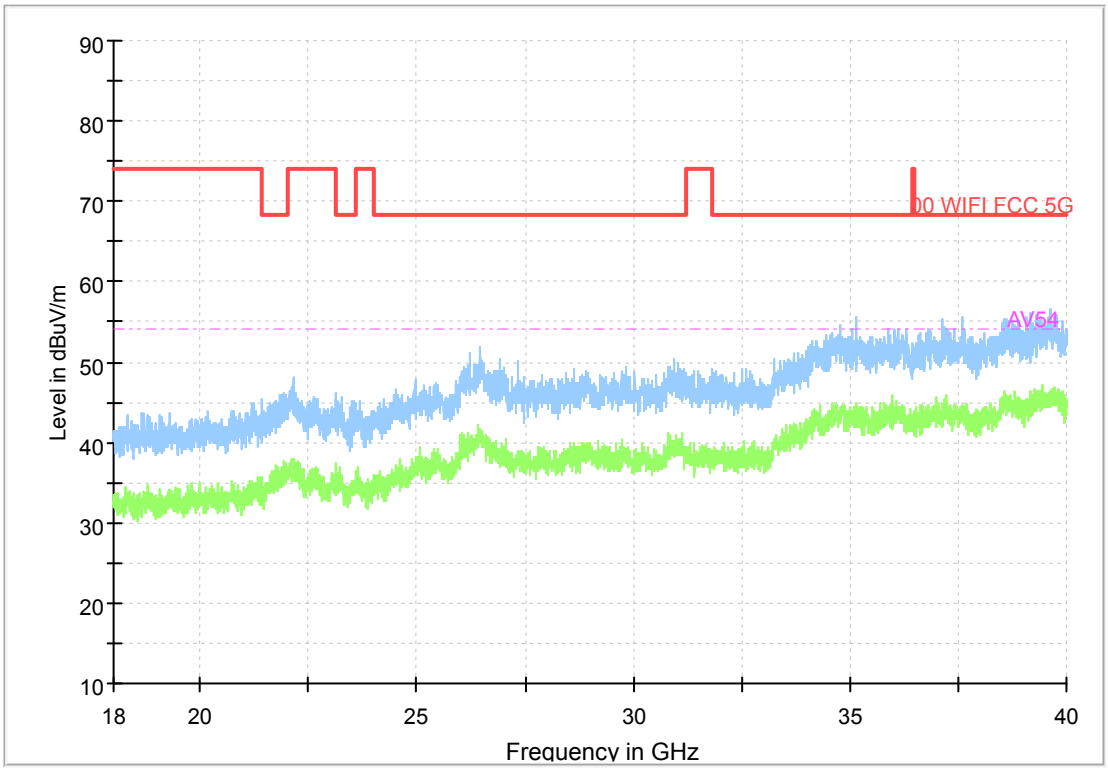


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 99	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

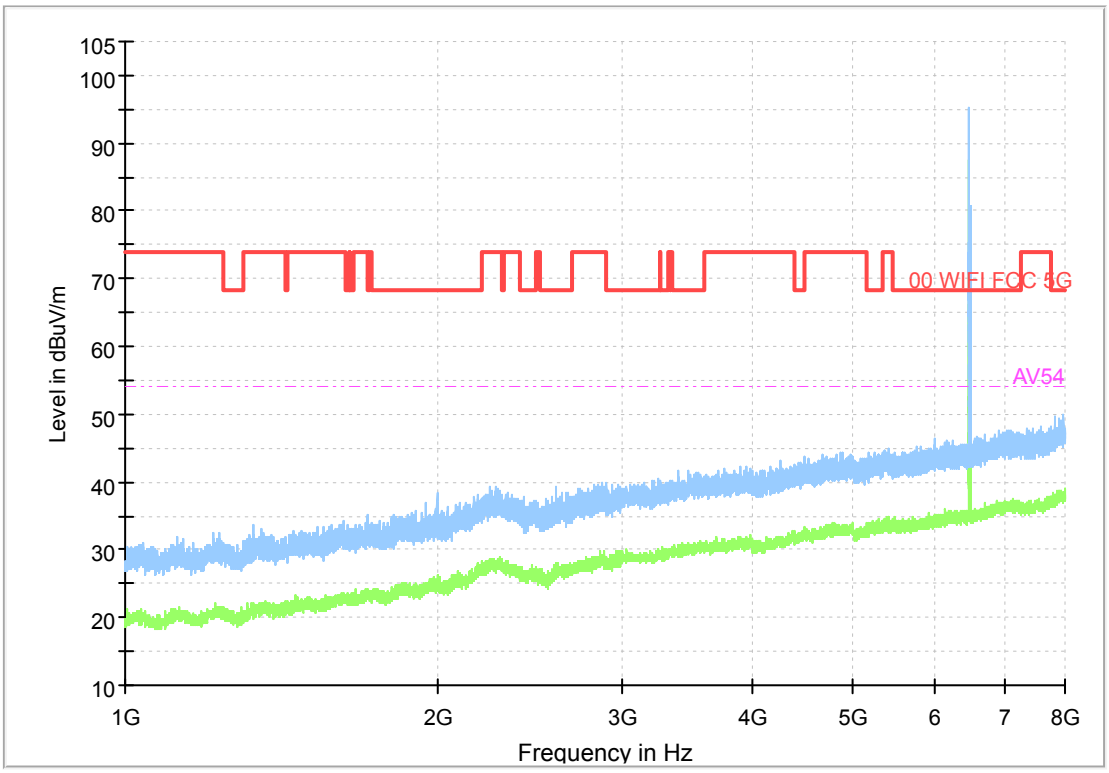
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 107	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

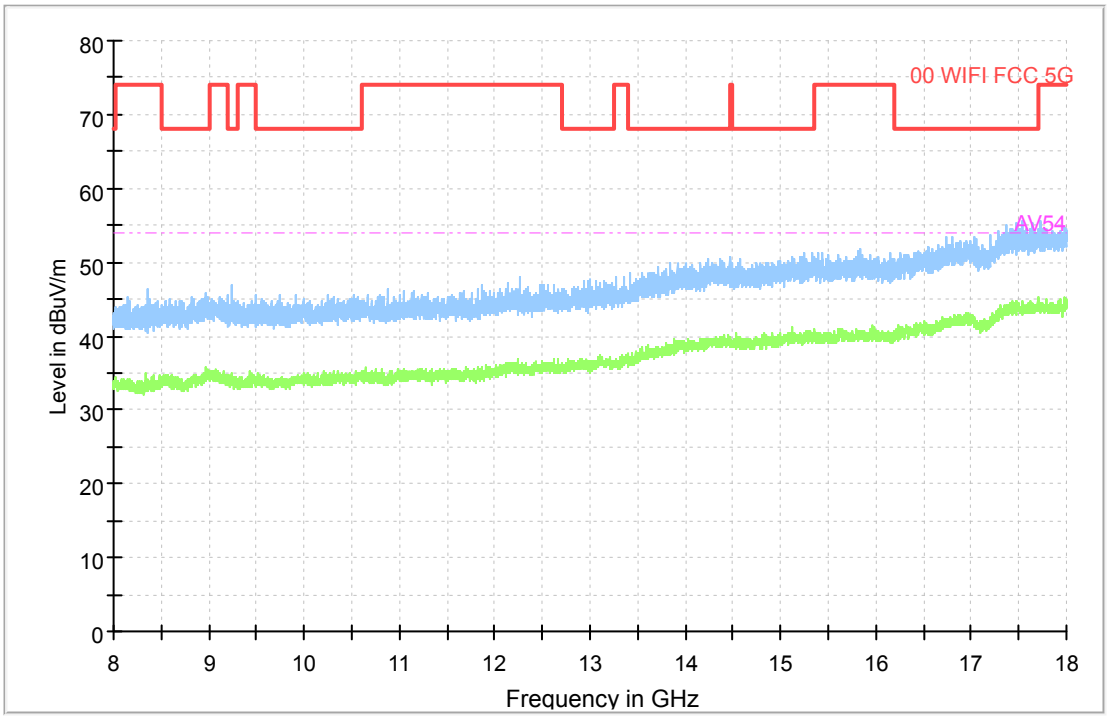
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 107	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

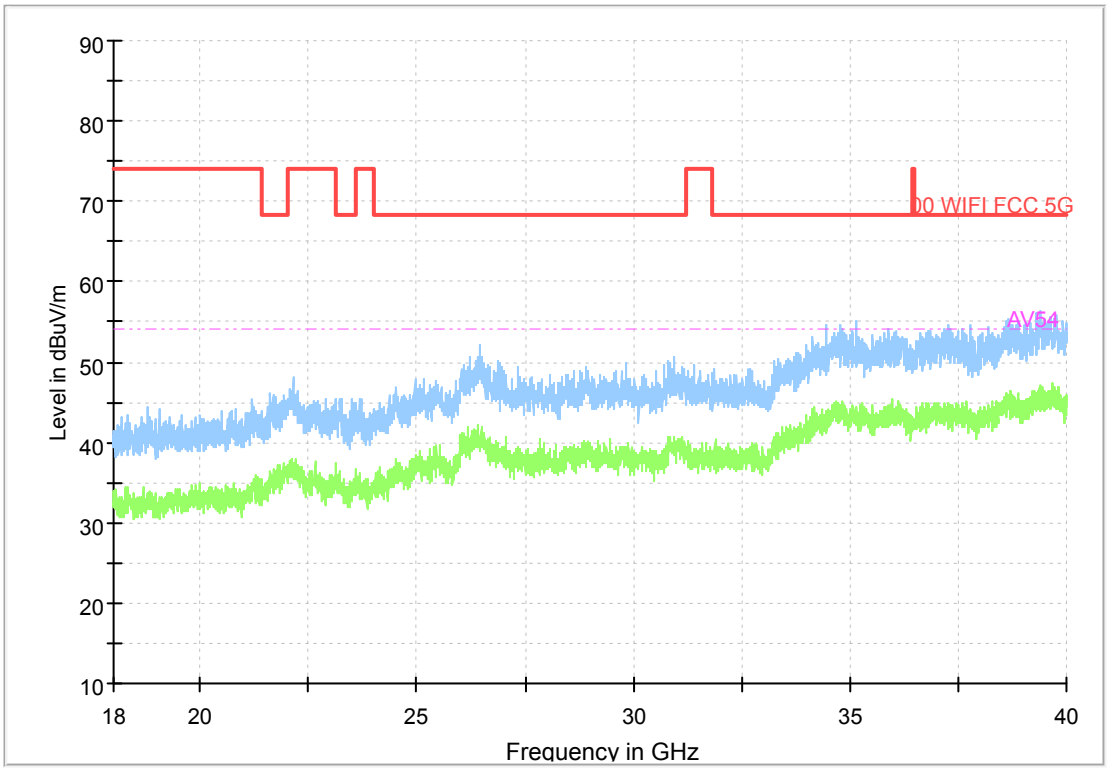


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 107	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

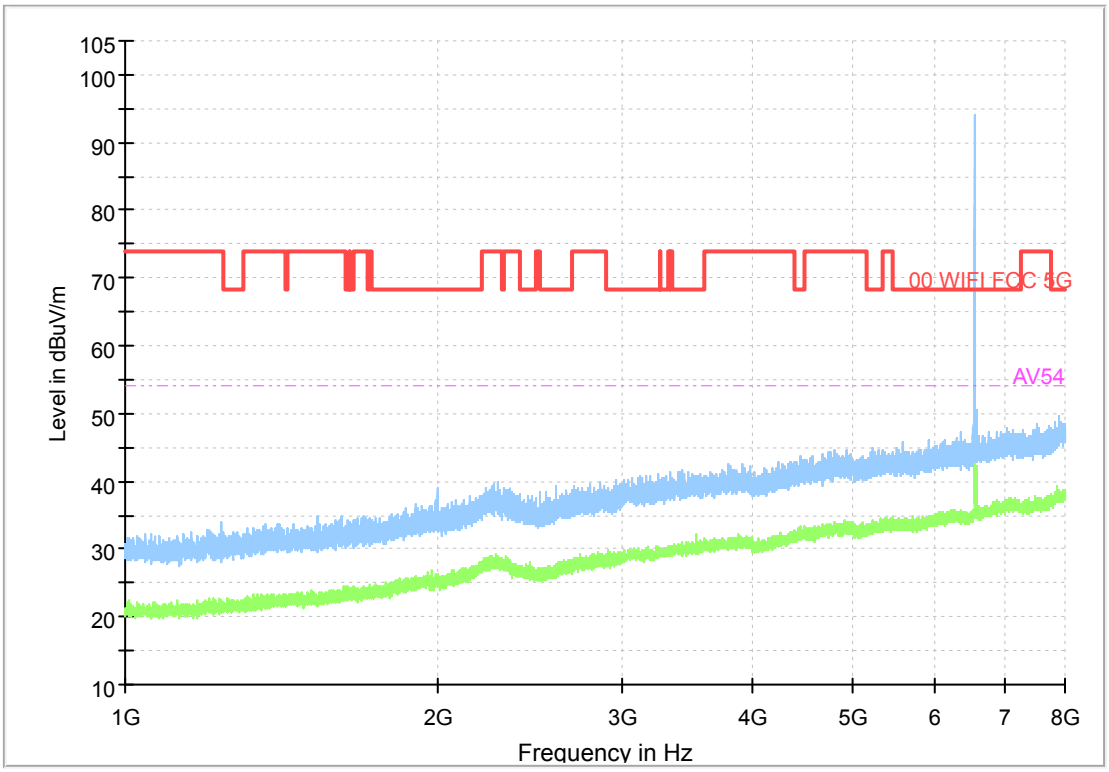
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 123	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

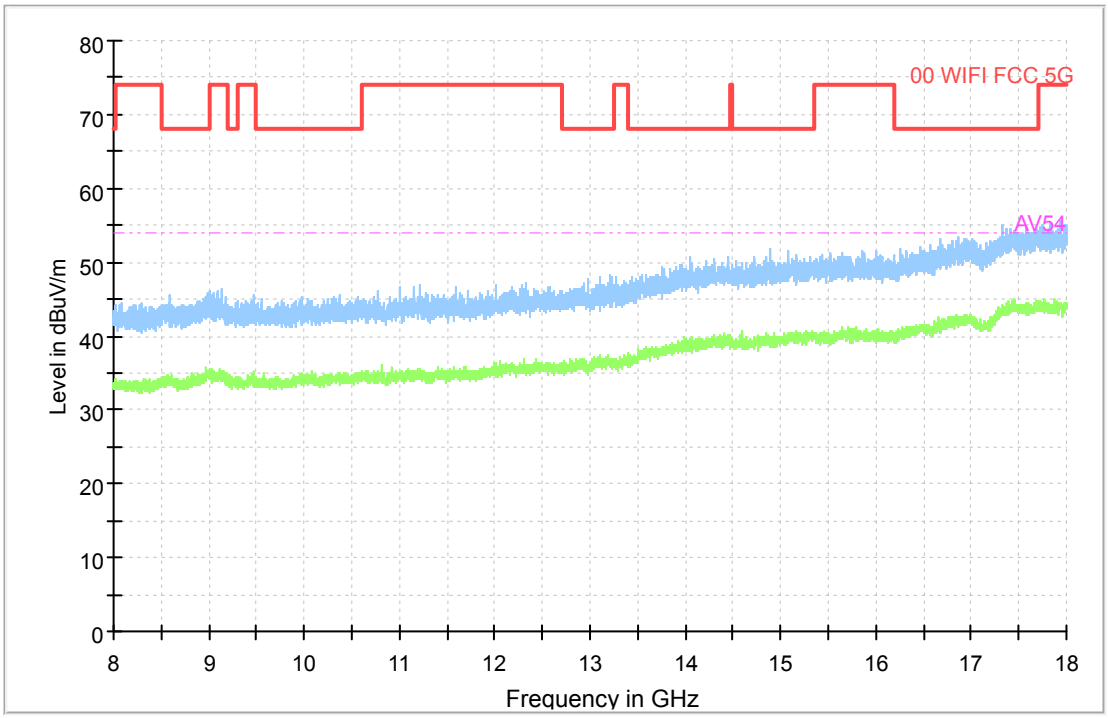
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 123	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

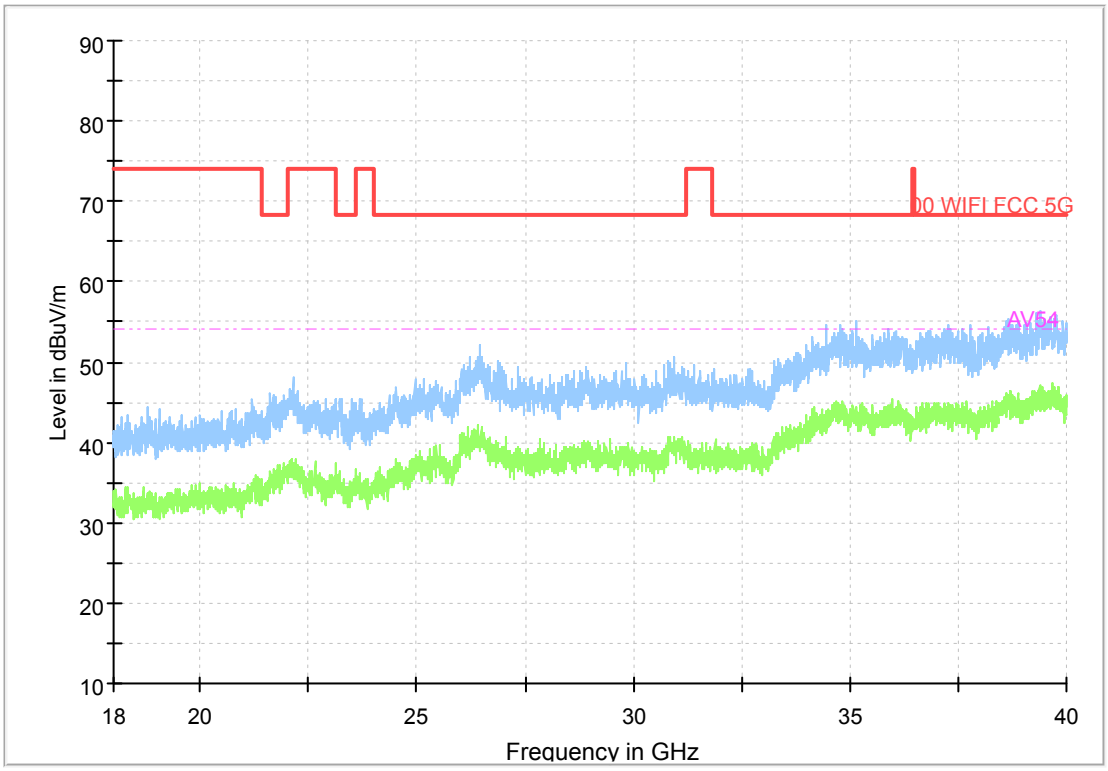


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 123	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

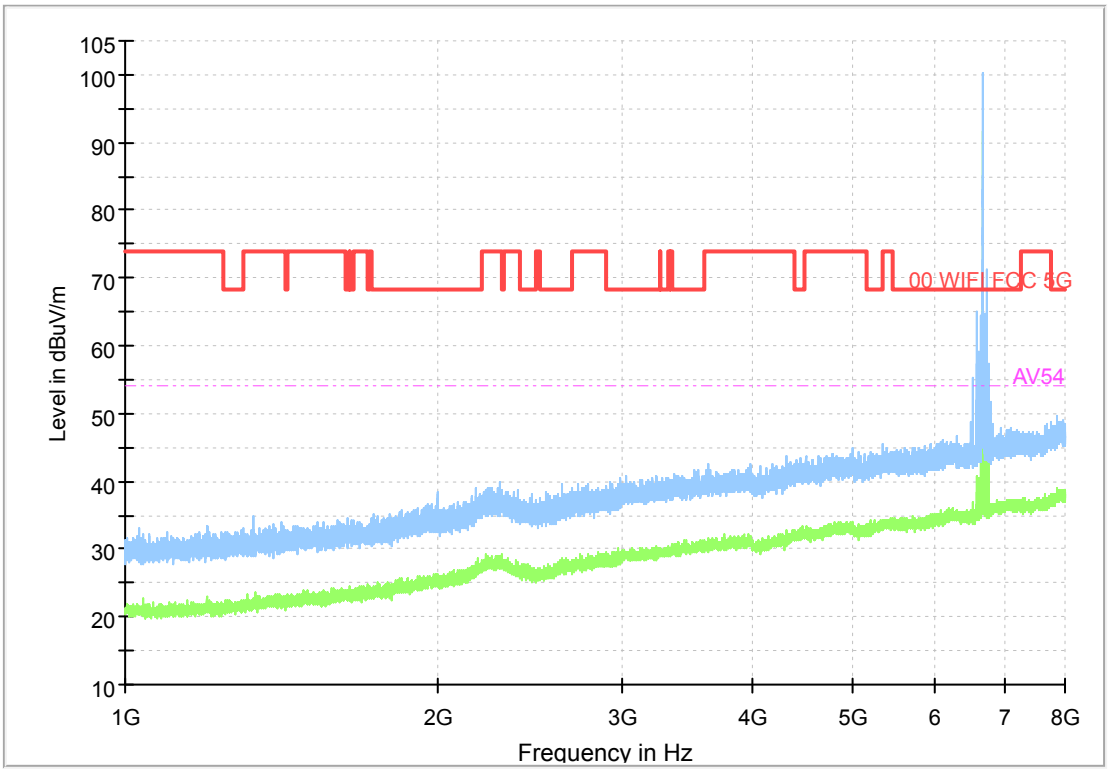
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 147	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

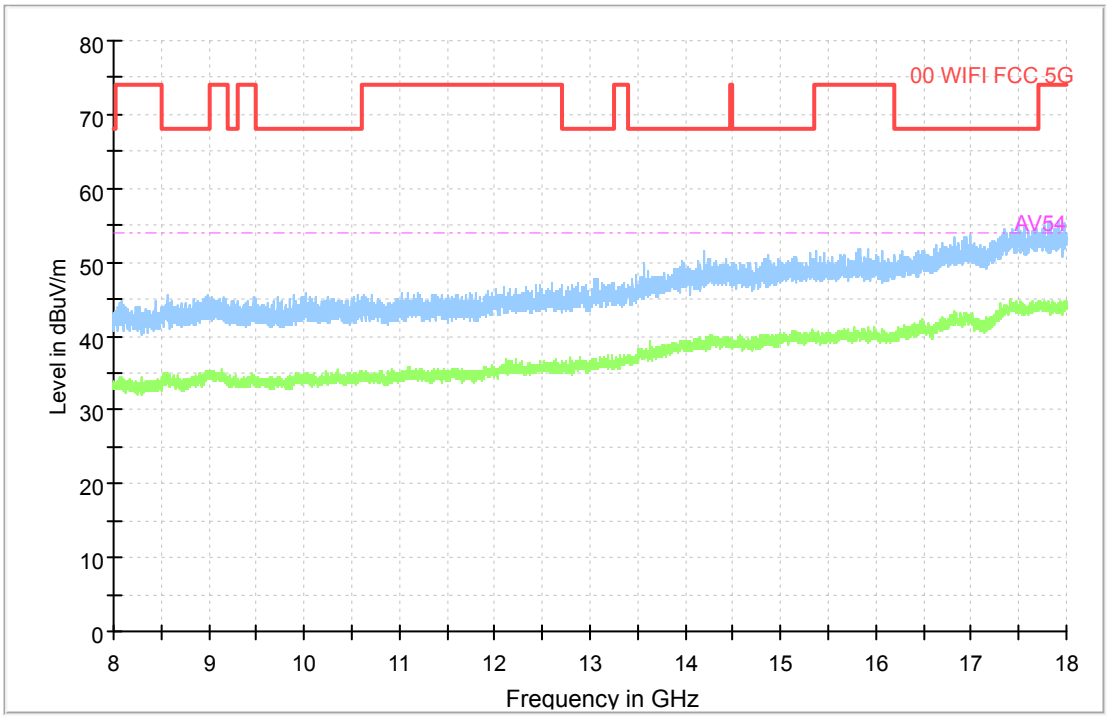
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 147	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

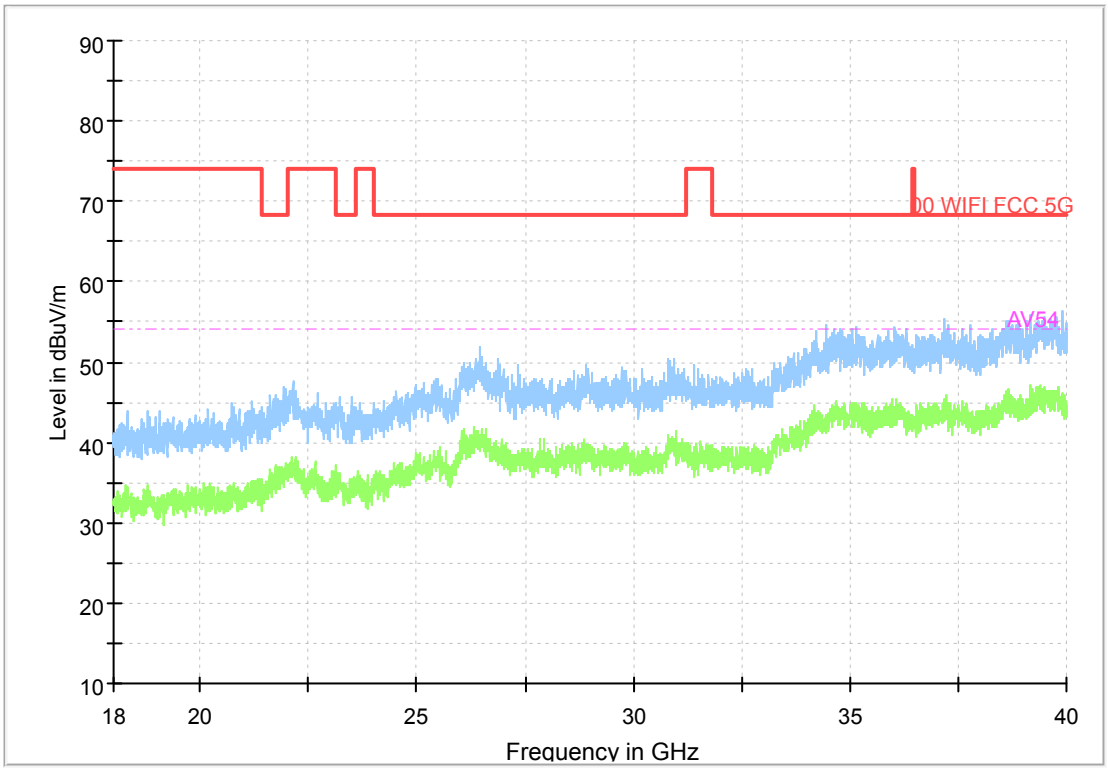


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 147	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

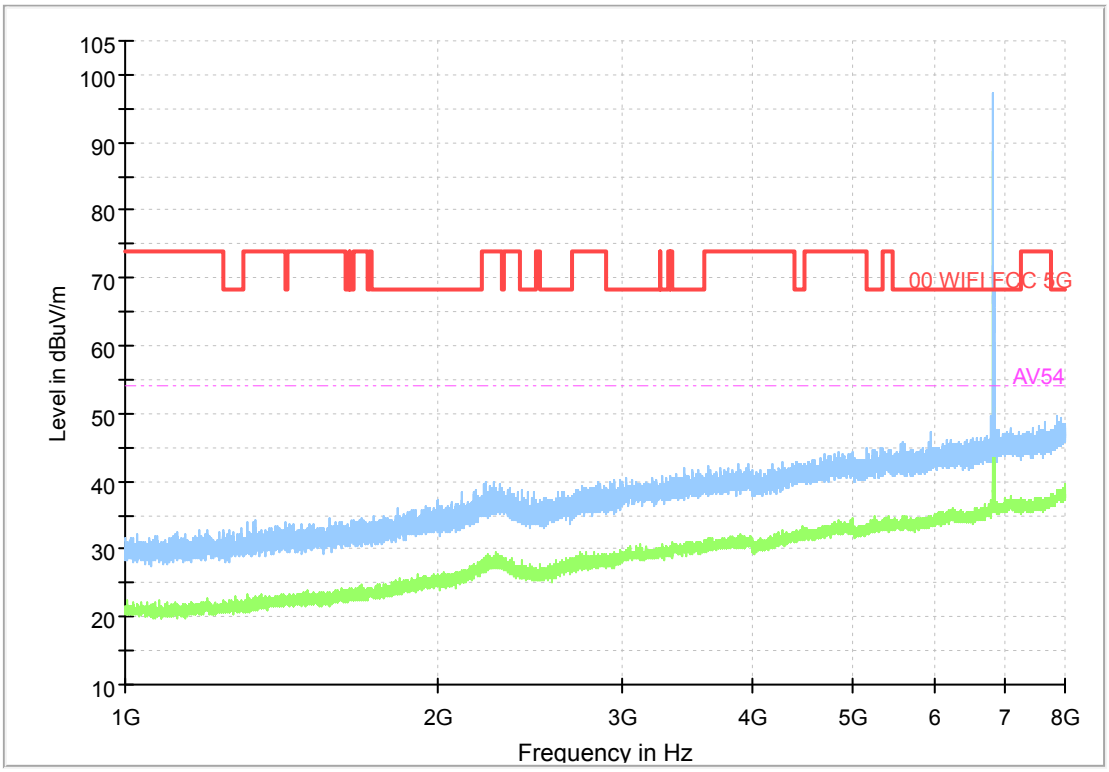
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 179	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

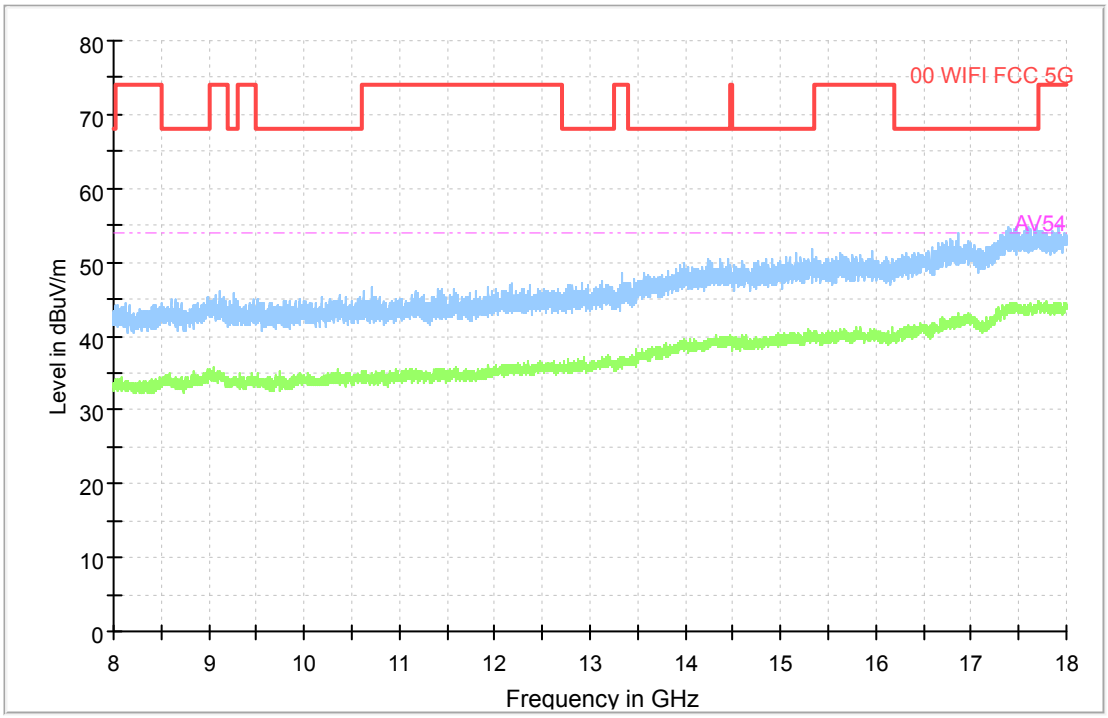
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 179	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

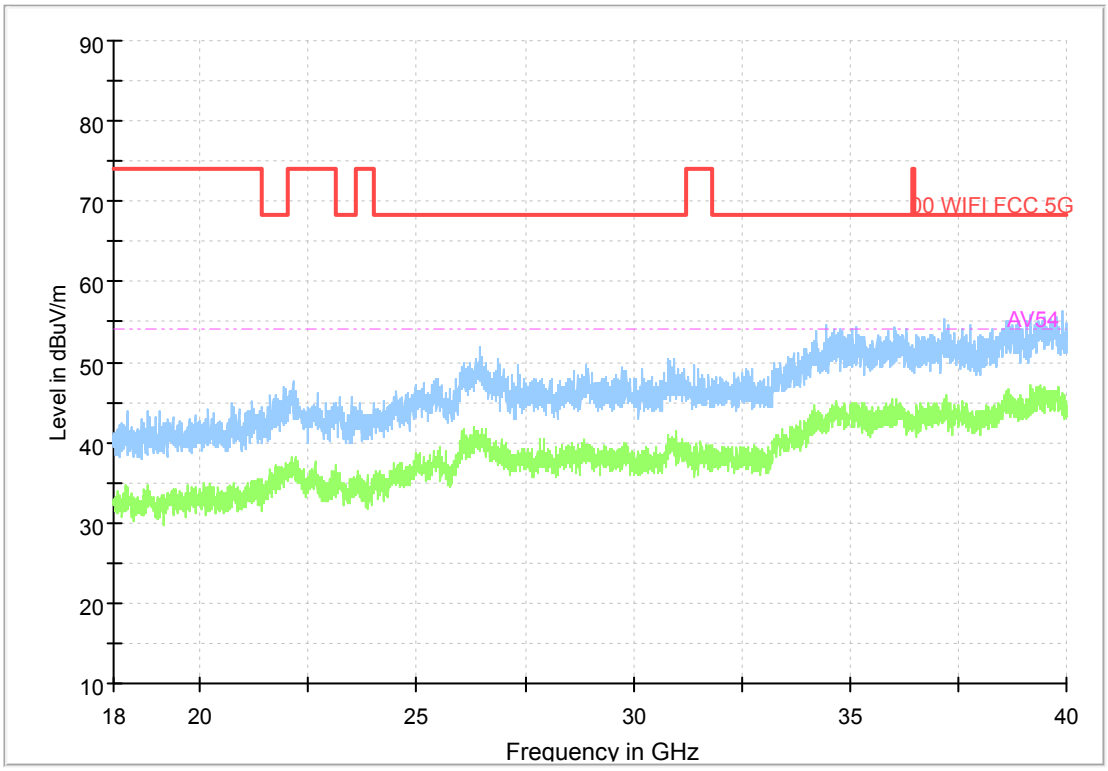


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 179	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

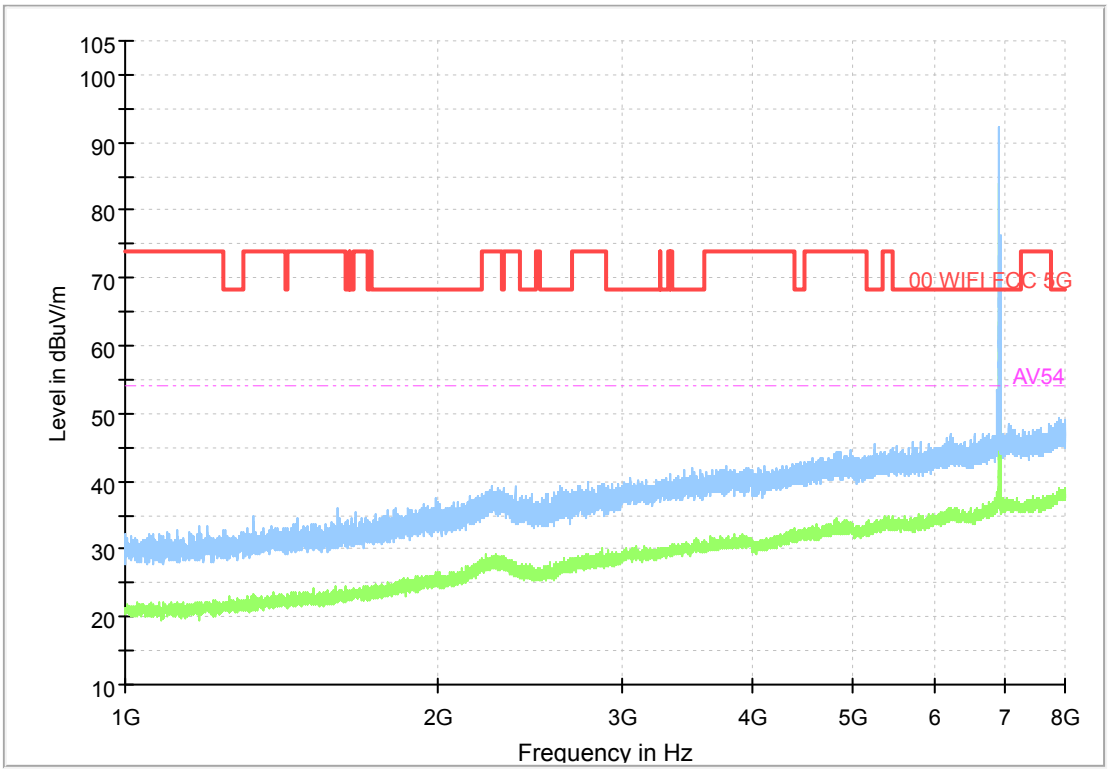
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 195	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

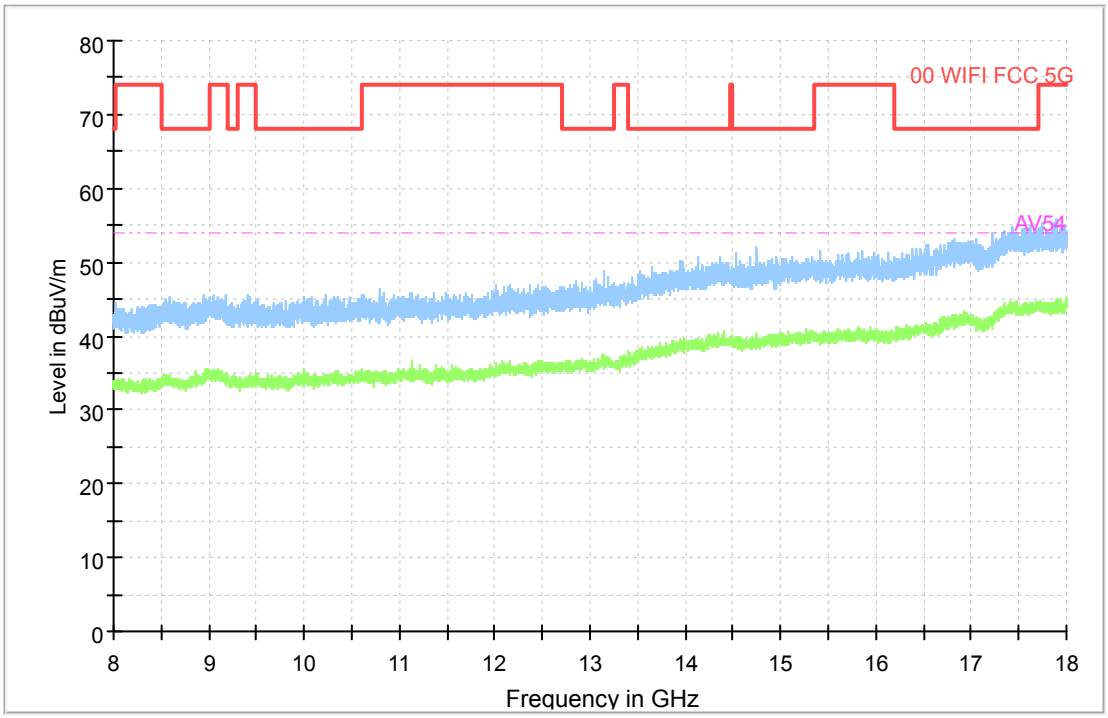
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 195	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

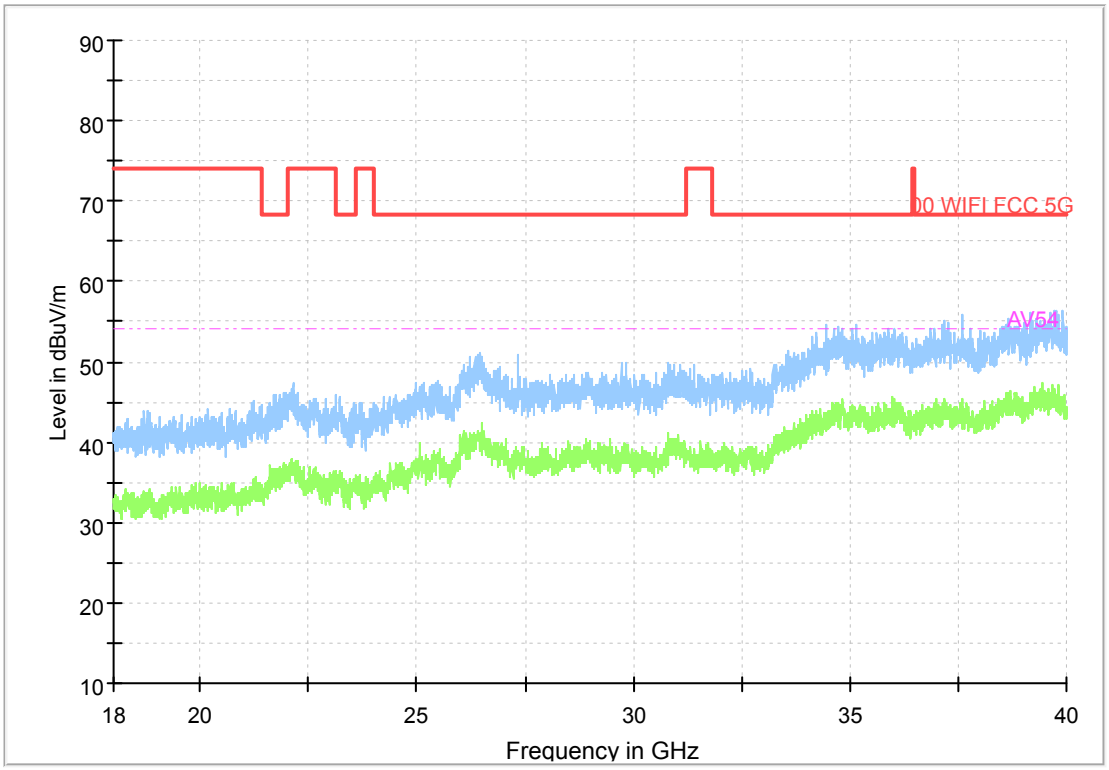


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 195	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

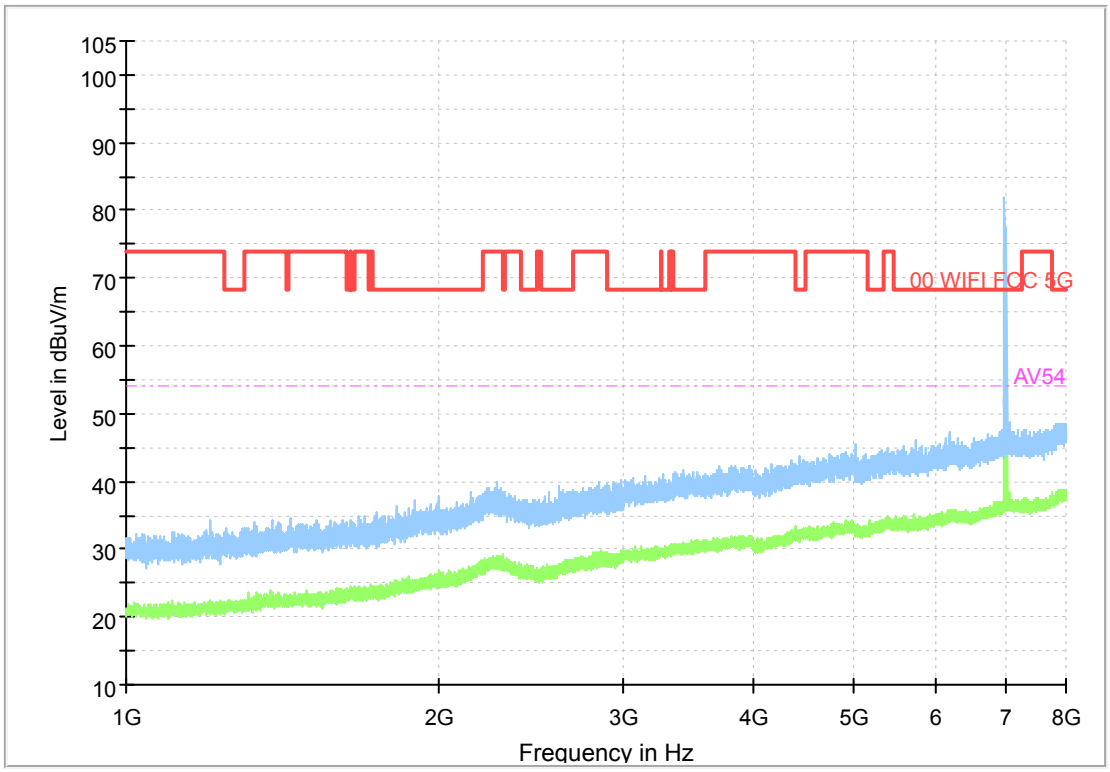
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 211	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

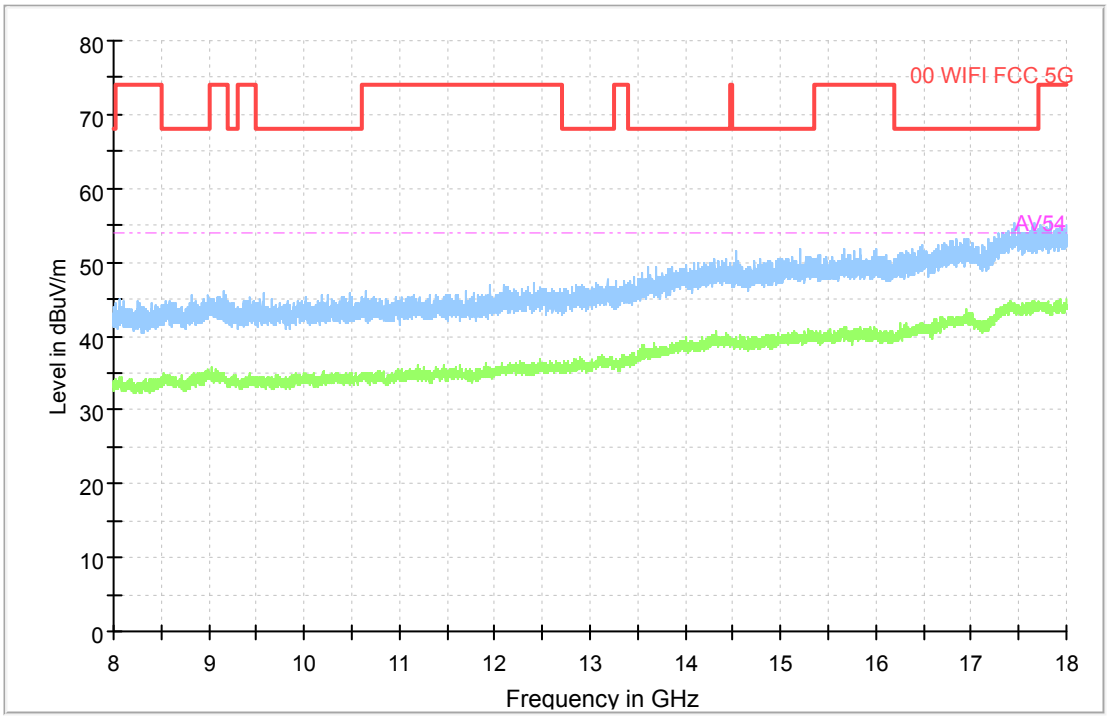
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 211	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

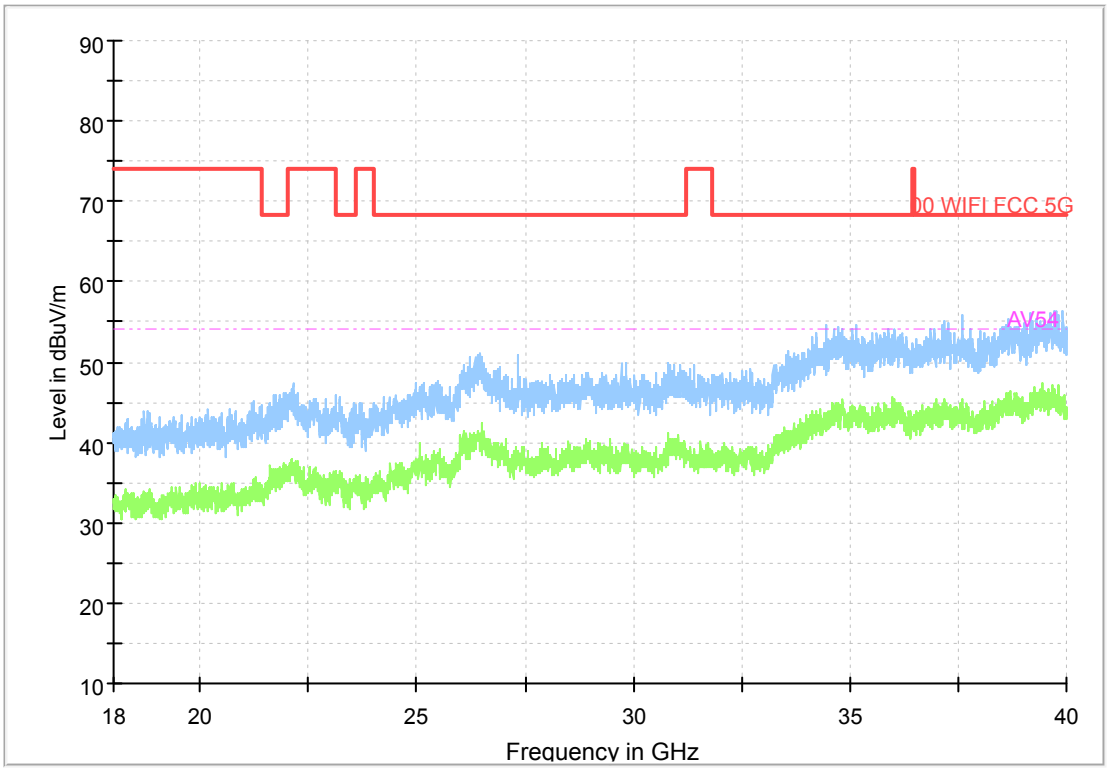


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 211	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

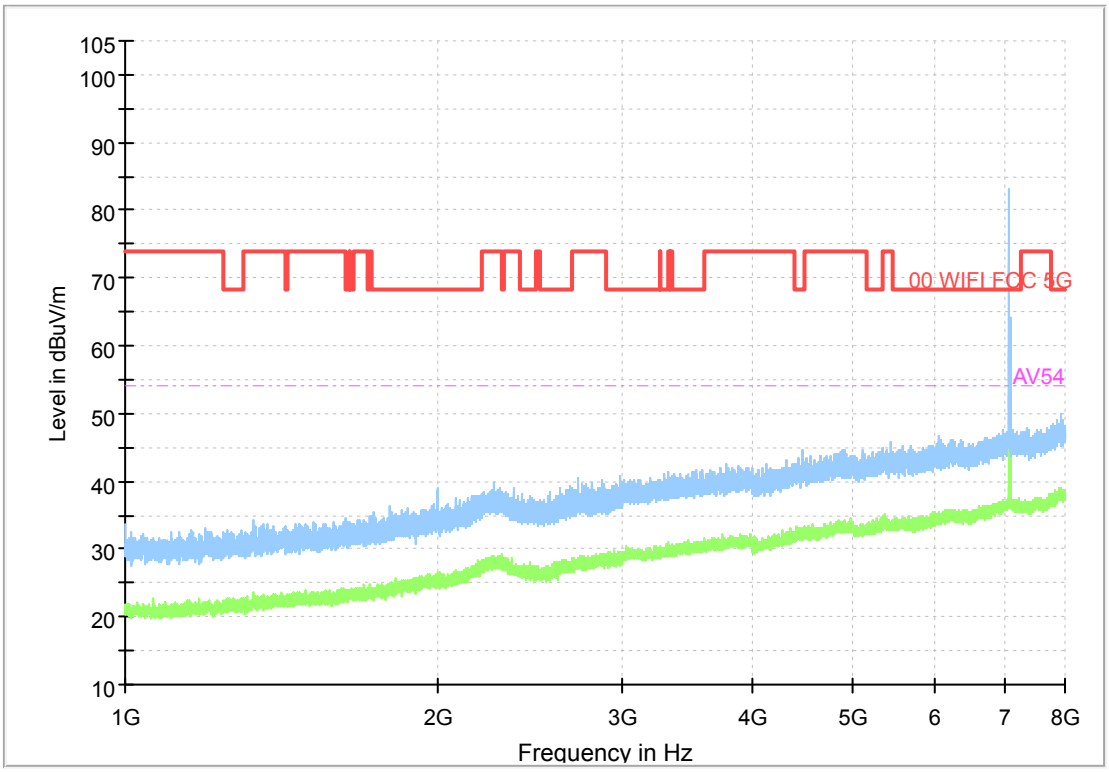
Full Spectrum



802.11ax (40MHz

CHANNEL	TX Channel 227	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

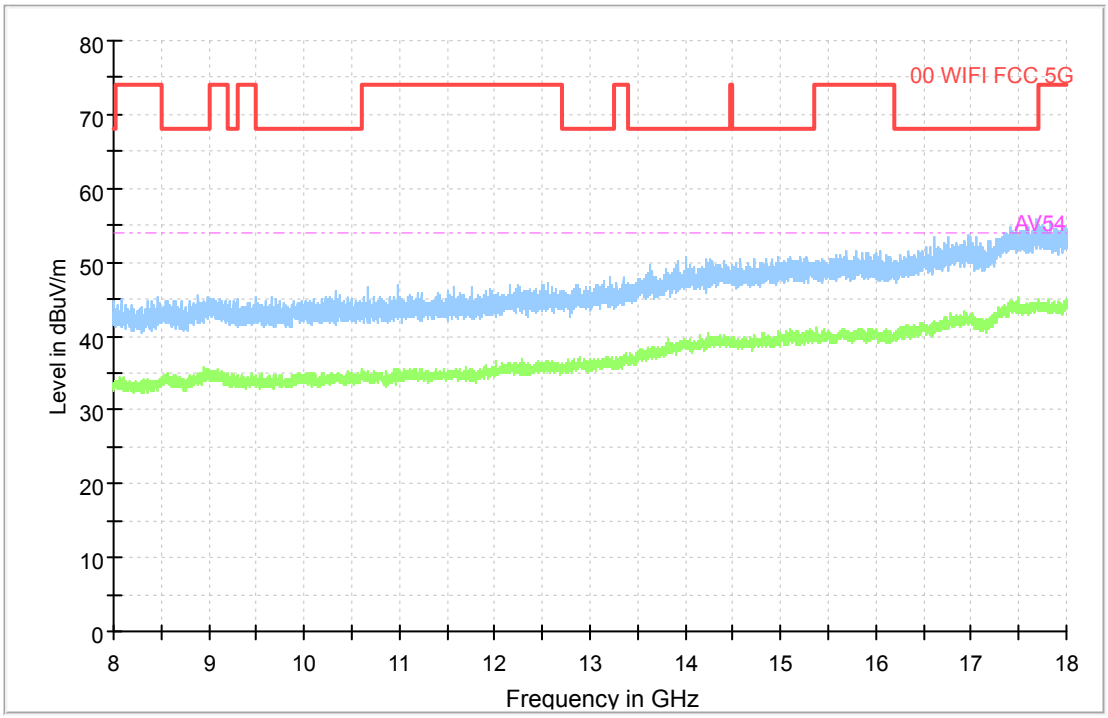
Full Spectrum



802.11ax (40MHz)

CHANNEL	TX Channel 227	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

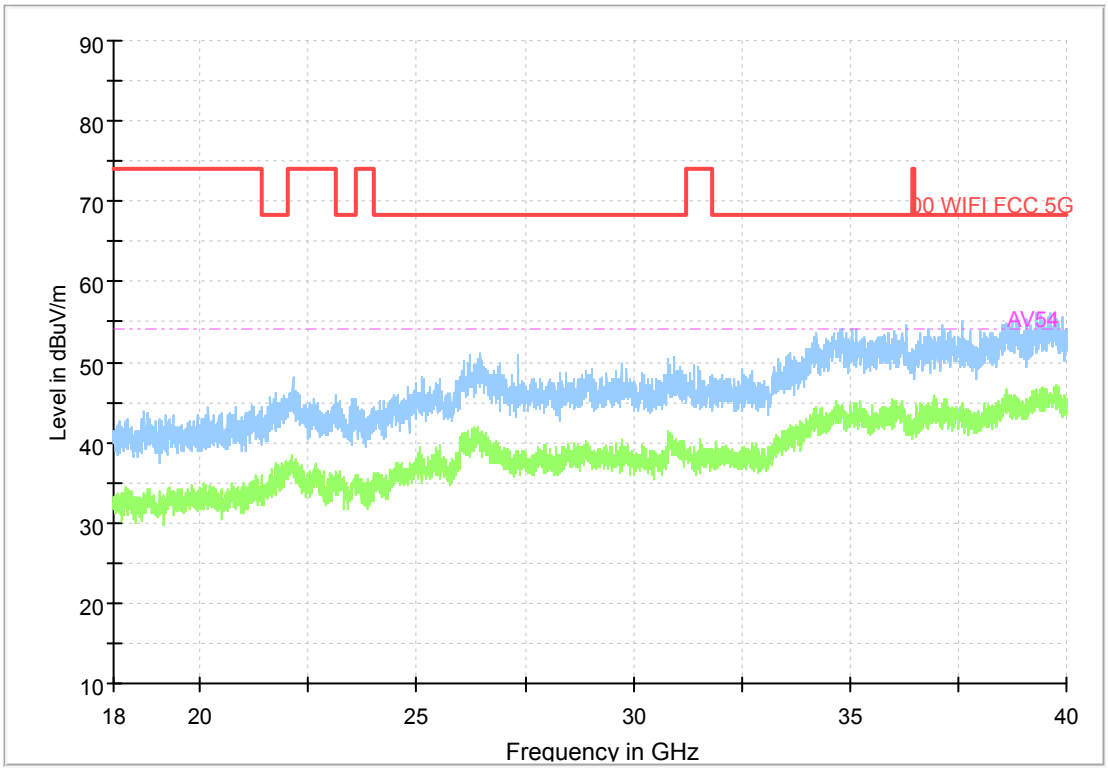


Comment

802.11ax (40MHz)

CHANNEL	TX Channel 227	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

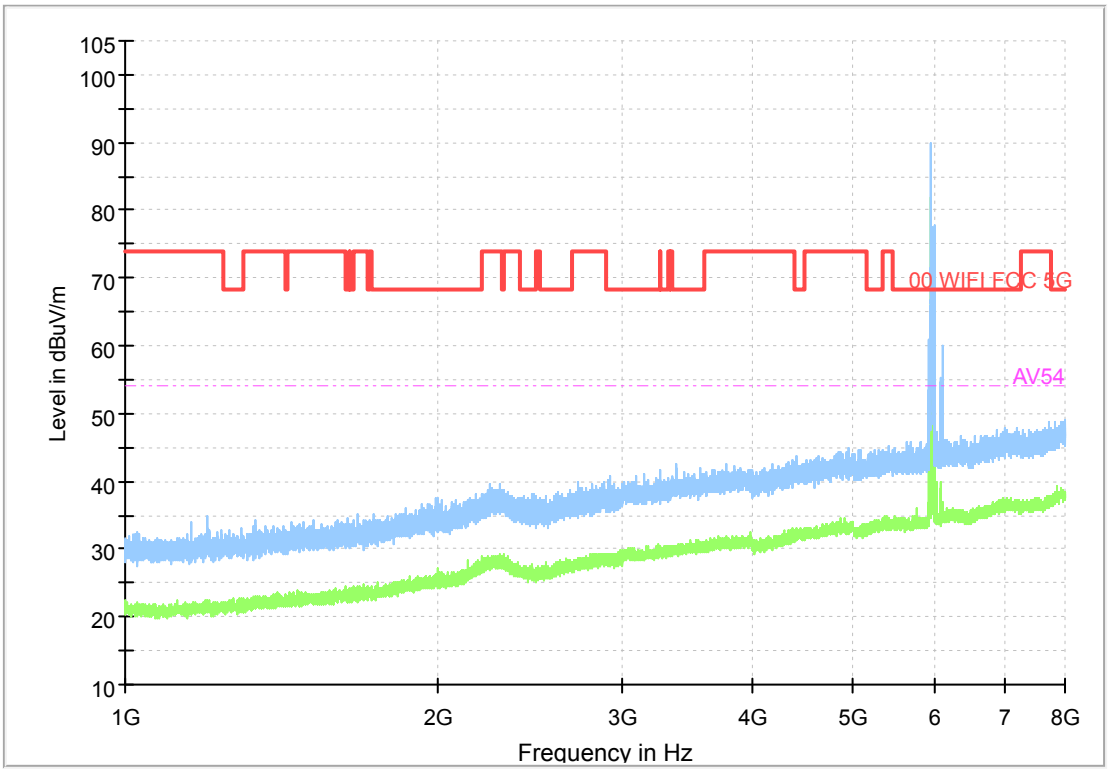
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 7	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

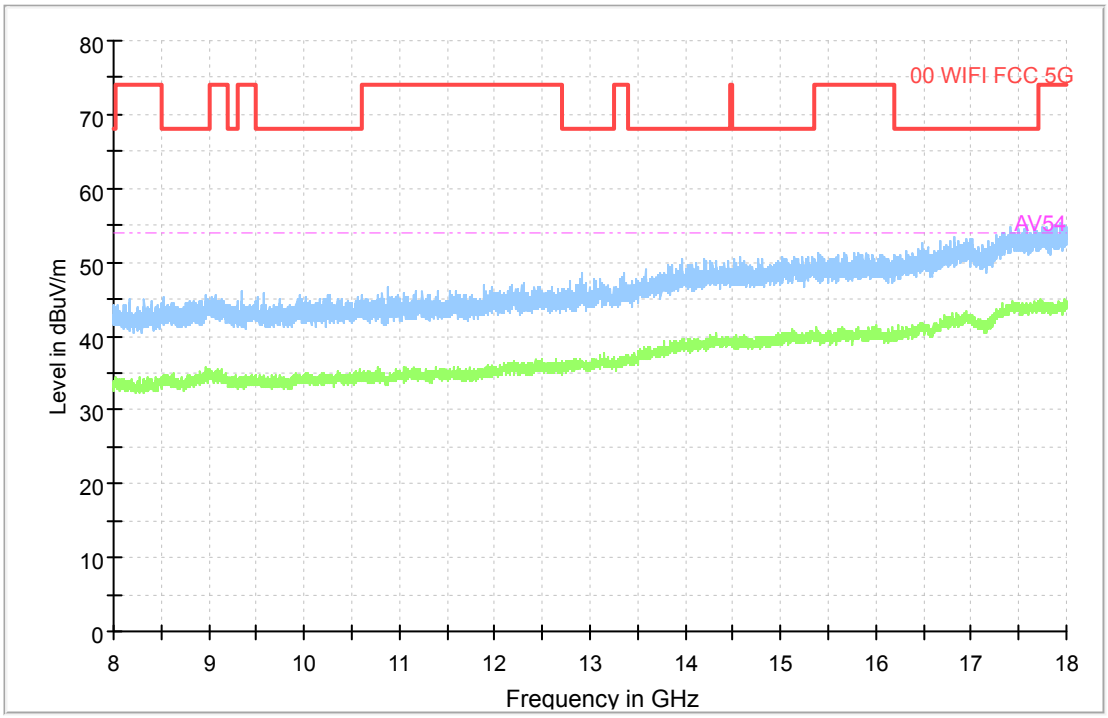
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 7	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

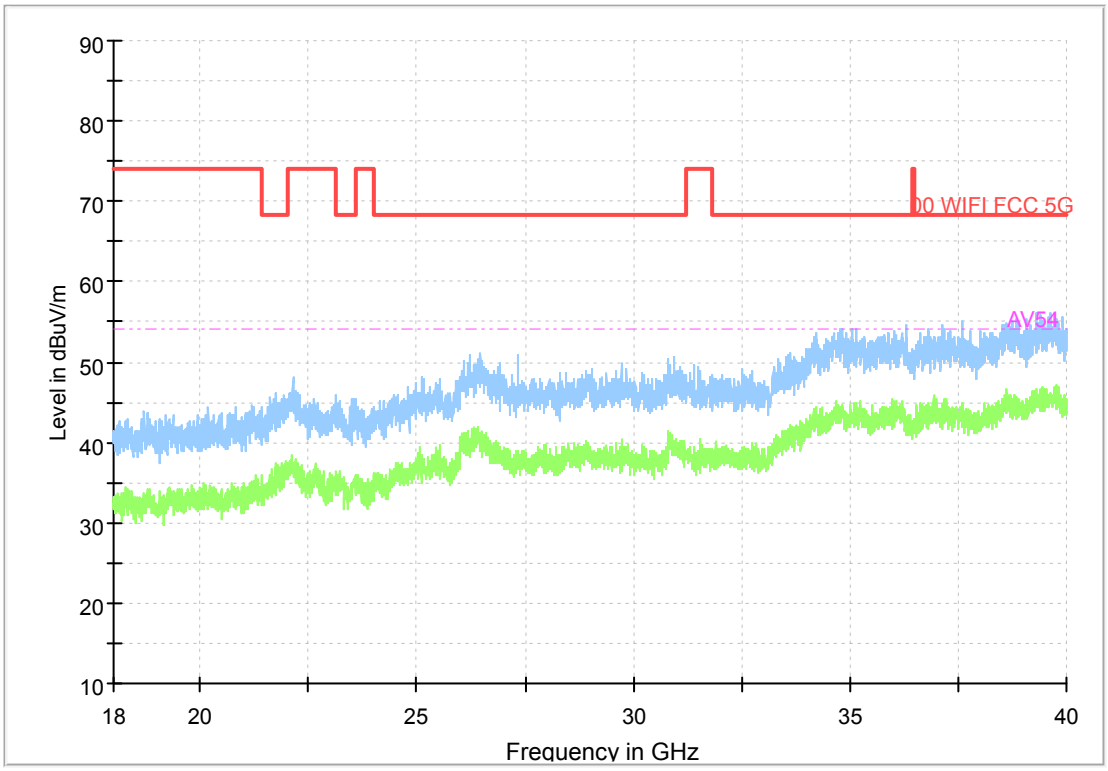


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 7	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

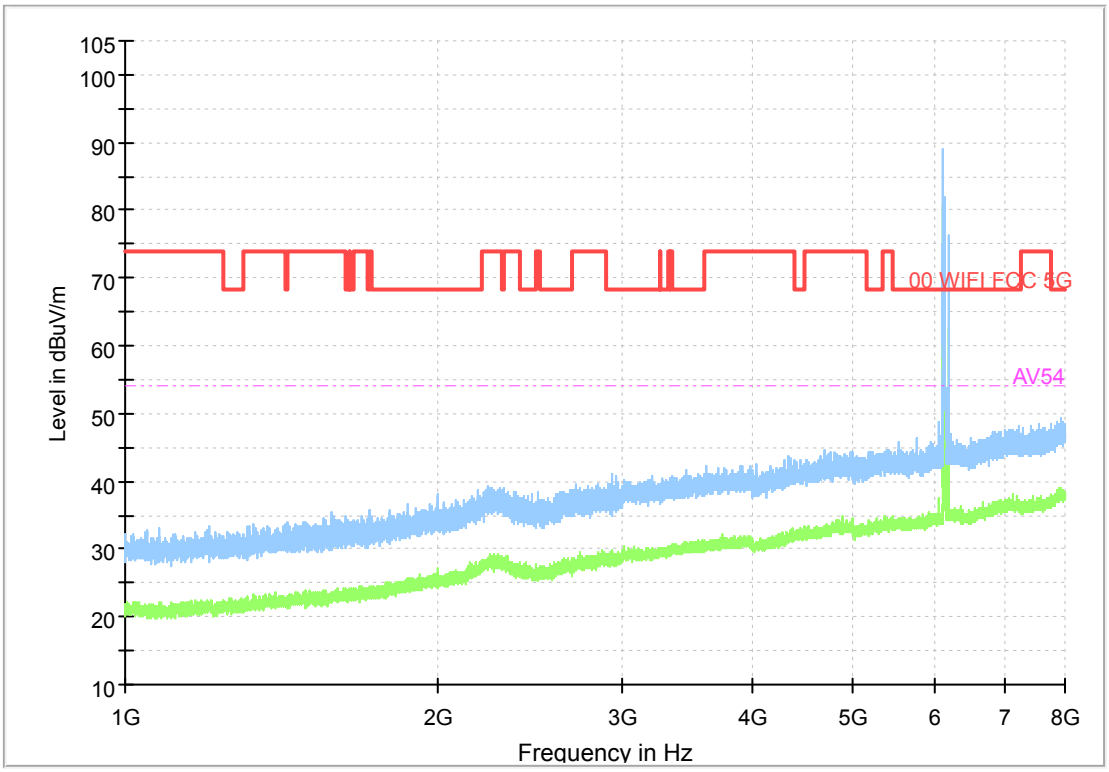
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

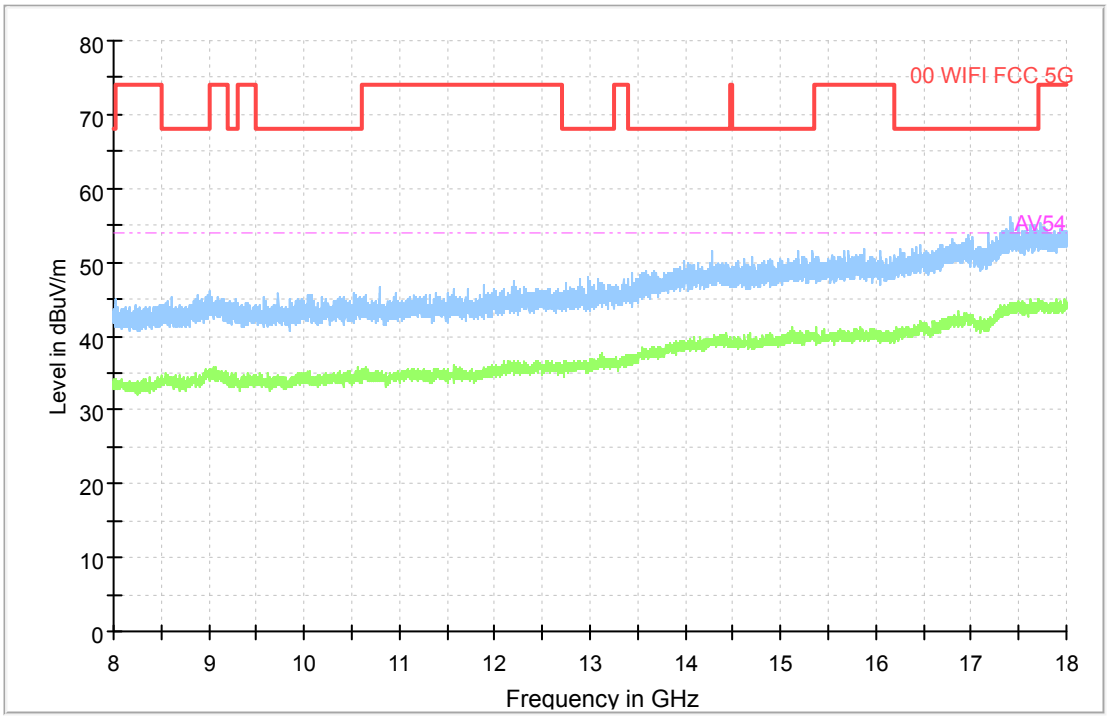
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

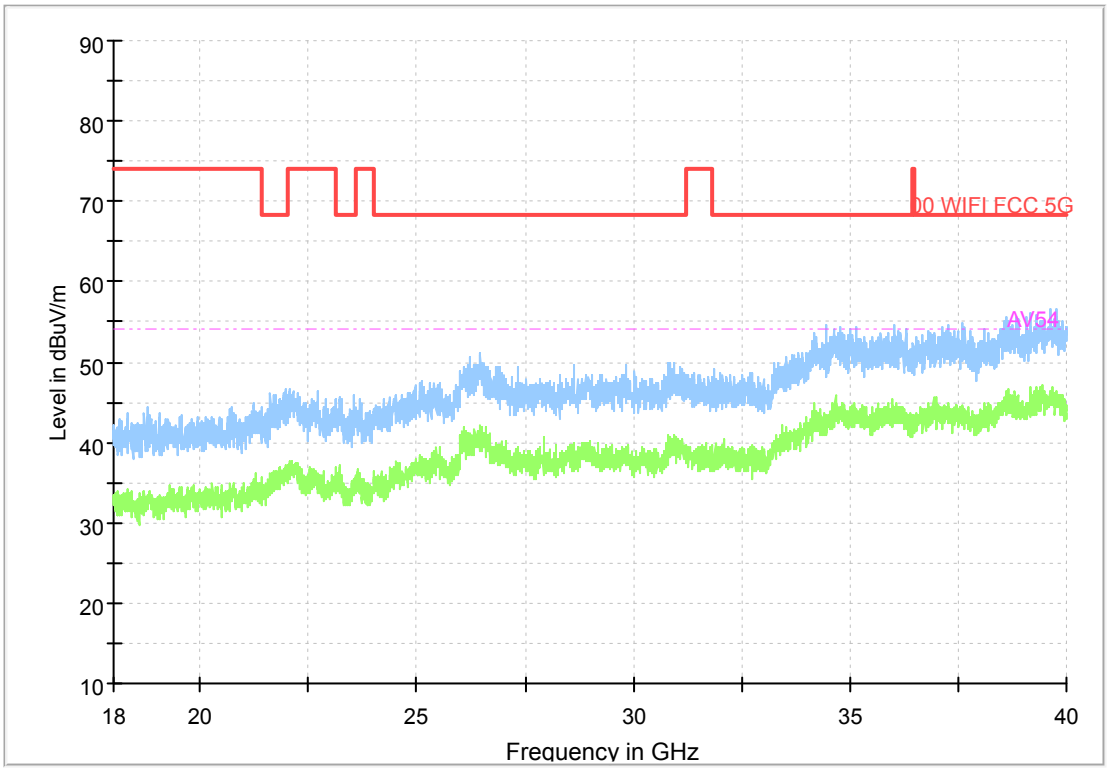


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 39	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

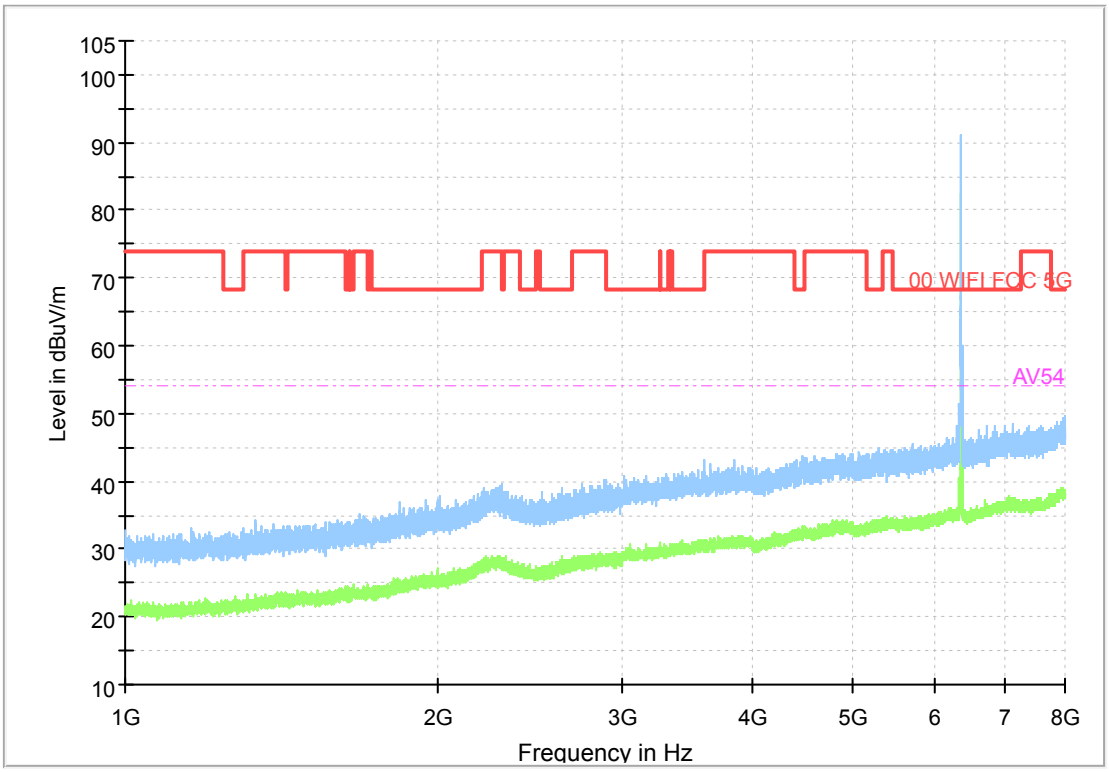
Full Spectrum



802.11ax (80MHz

CHANNEL	TX Channel 87	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

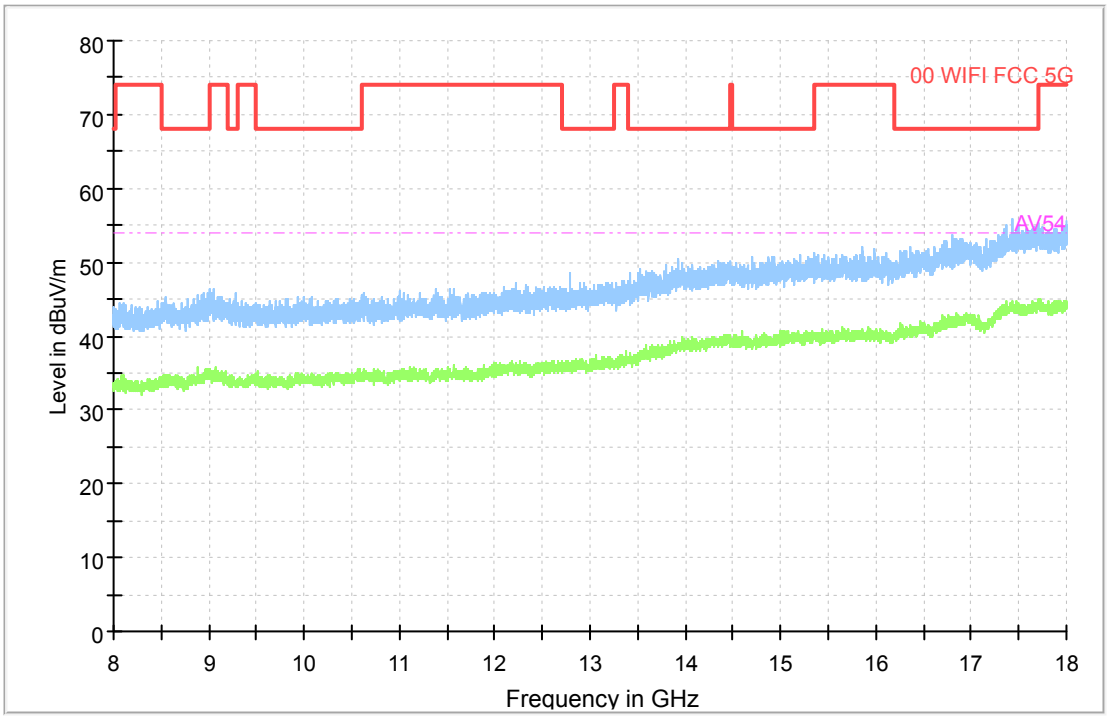
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 87	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

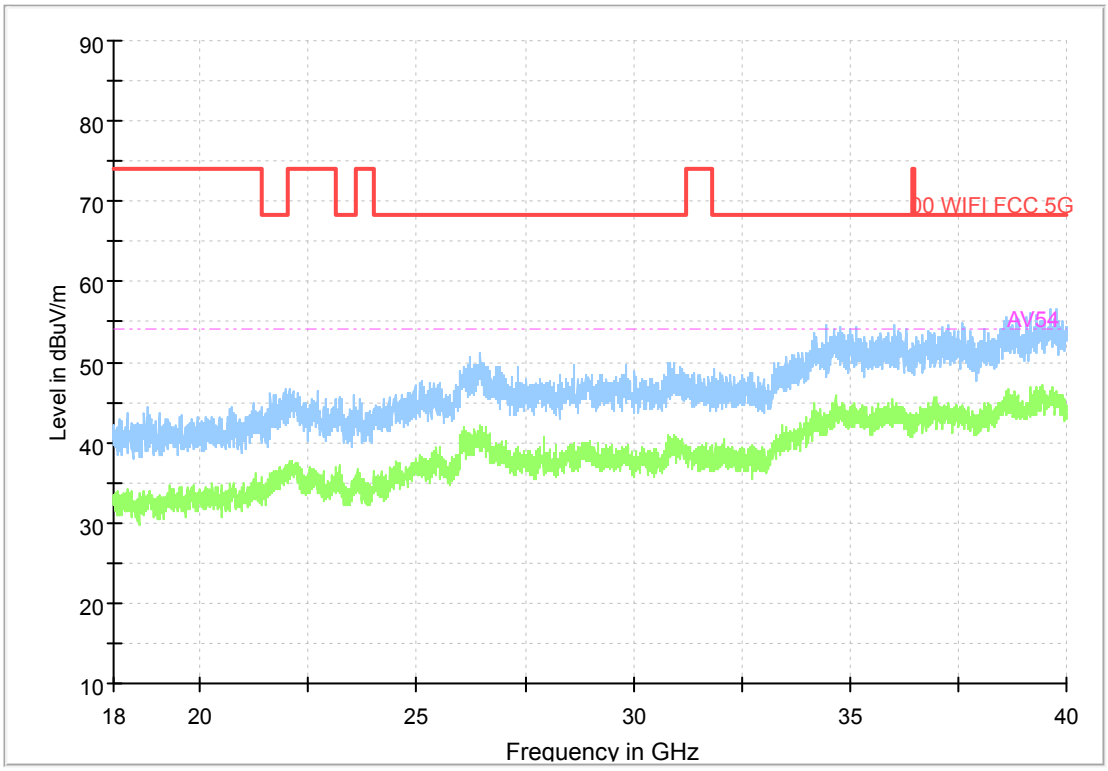


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 87	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

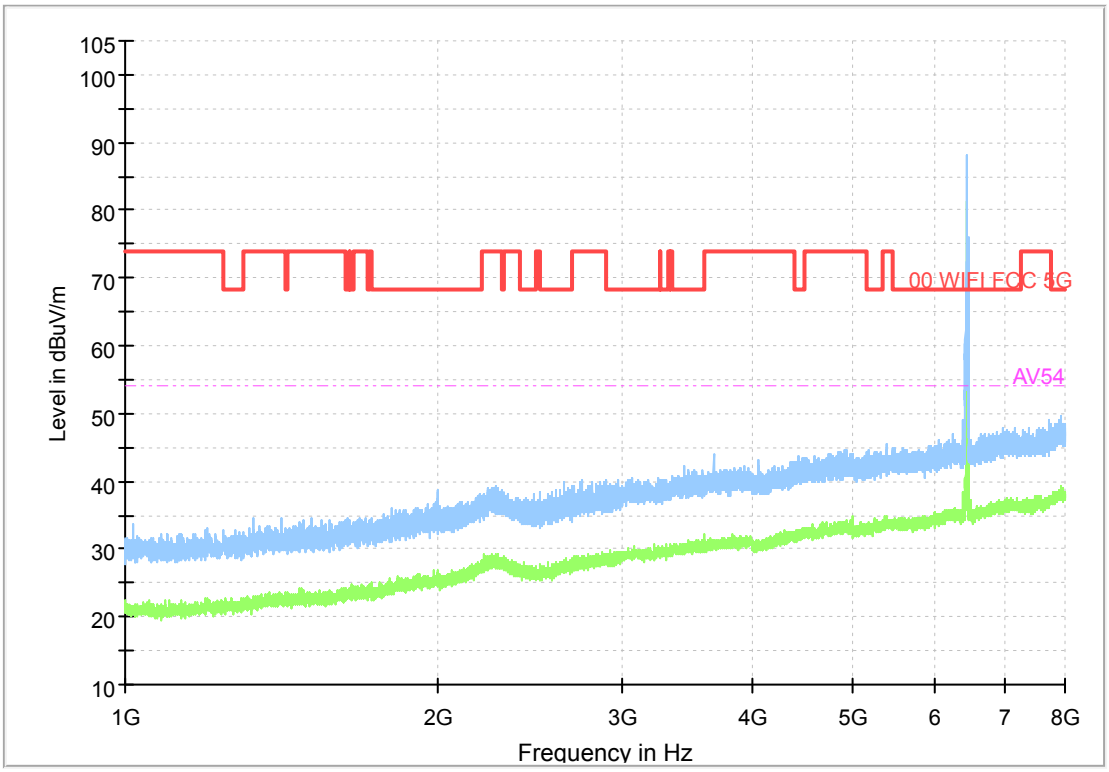
Full Spectrum



802.11ax (80MHz

CHANNEL	TX Channel 103	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

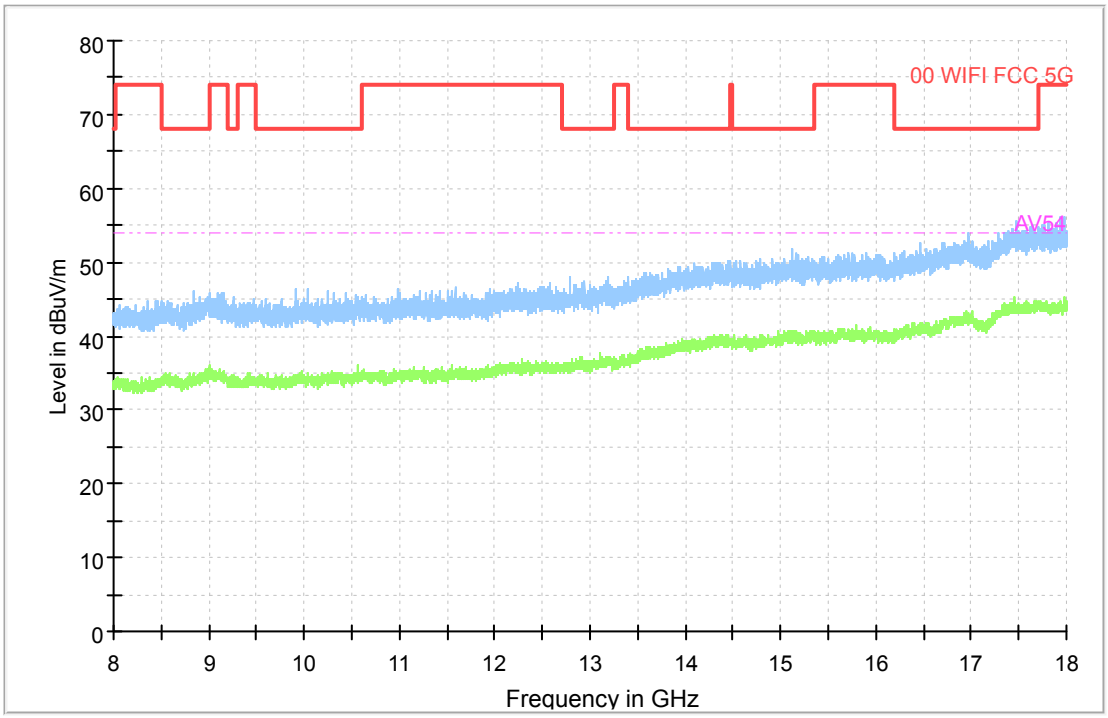
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 103	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

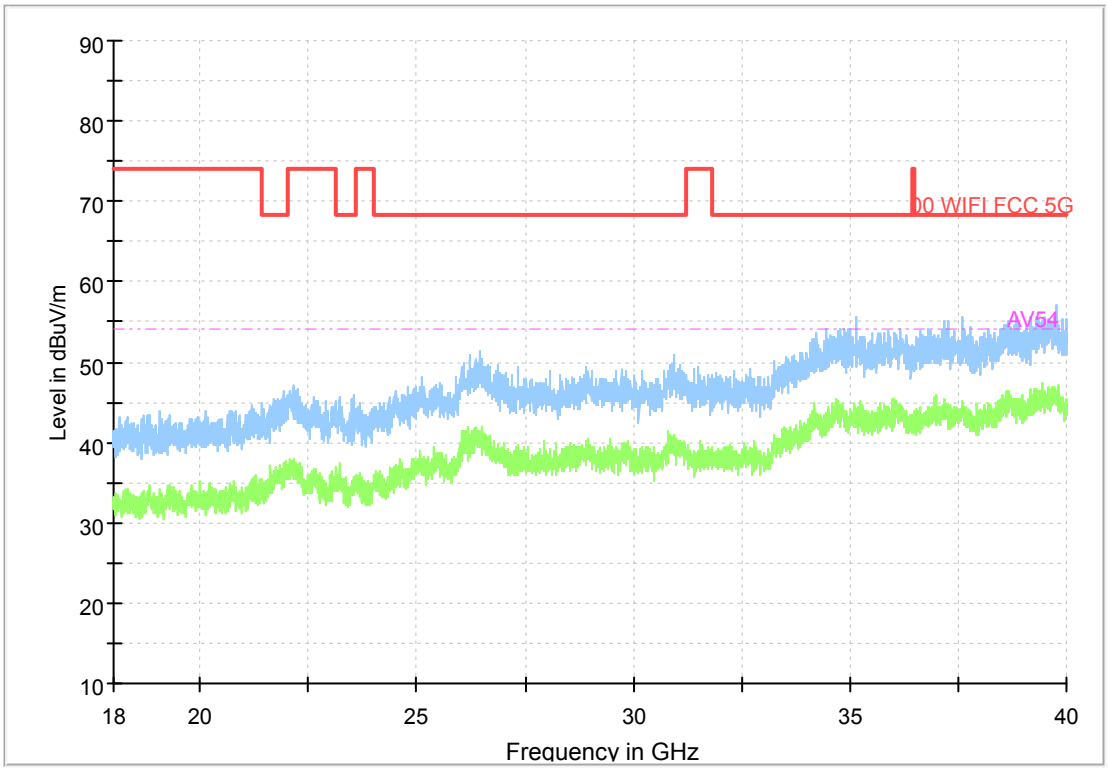


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 103	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

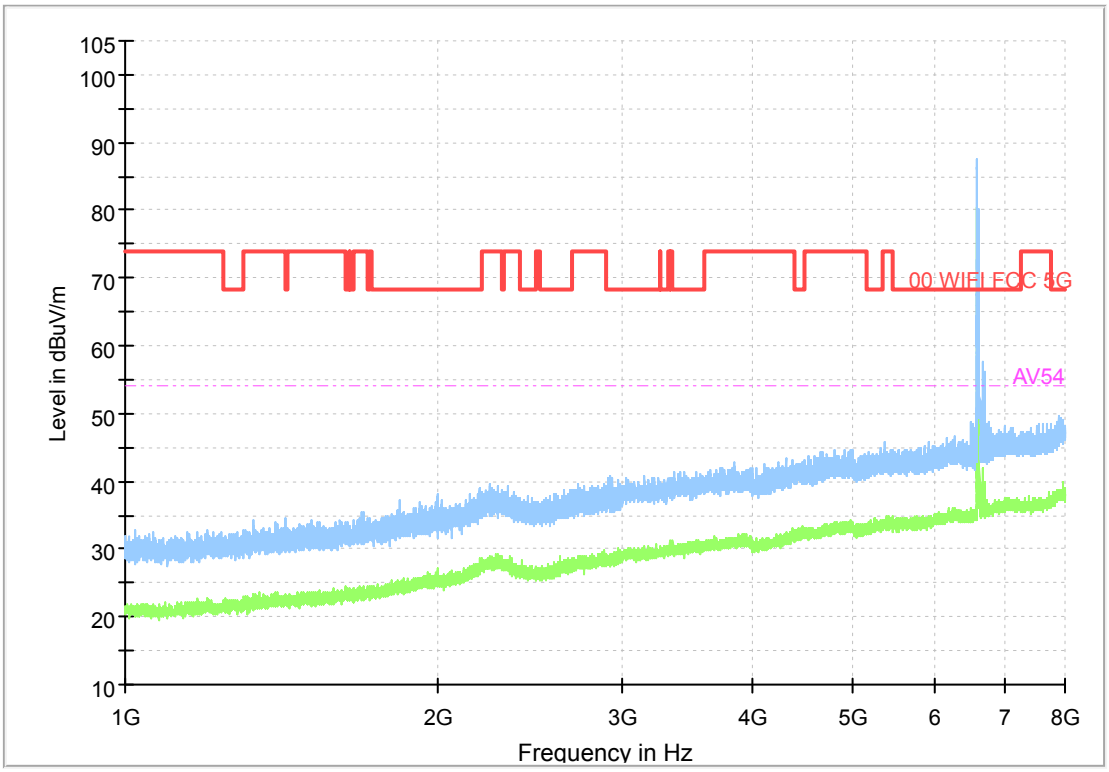
Full Spectrum



802.11ax (80MHz

CHANNEL	TX Channel 135	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

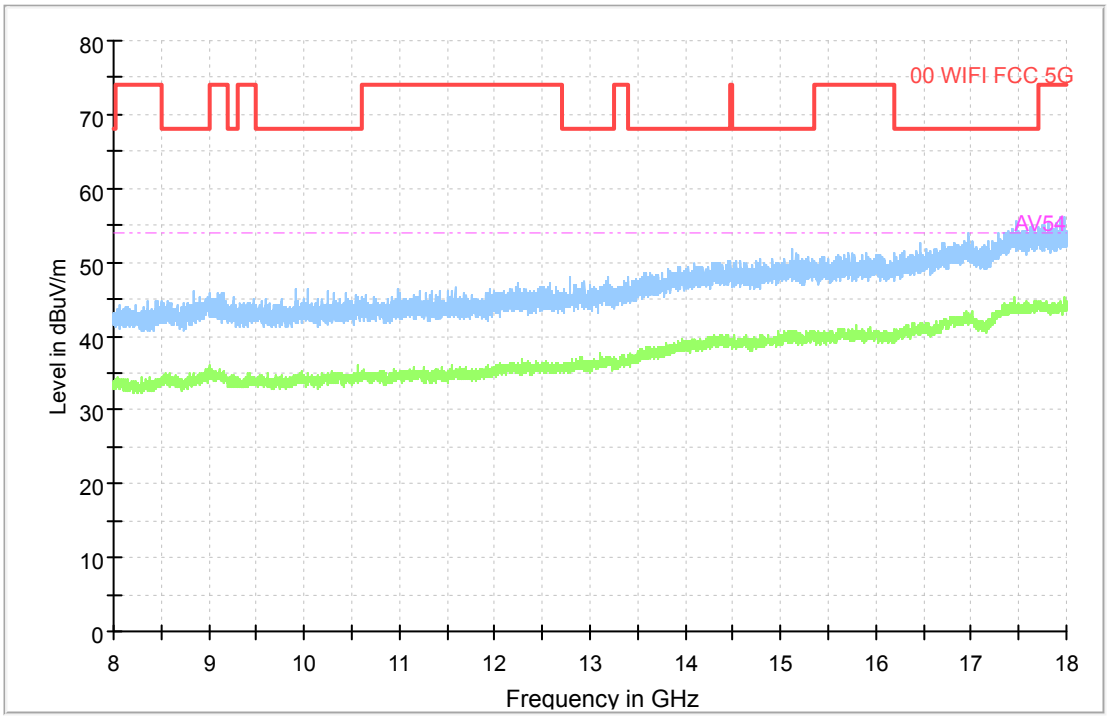
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 135	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

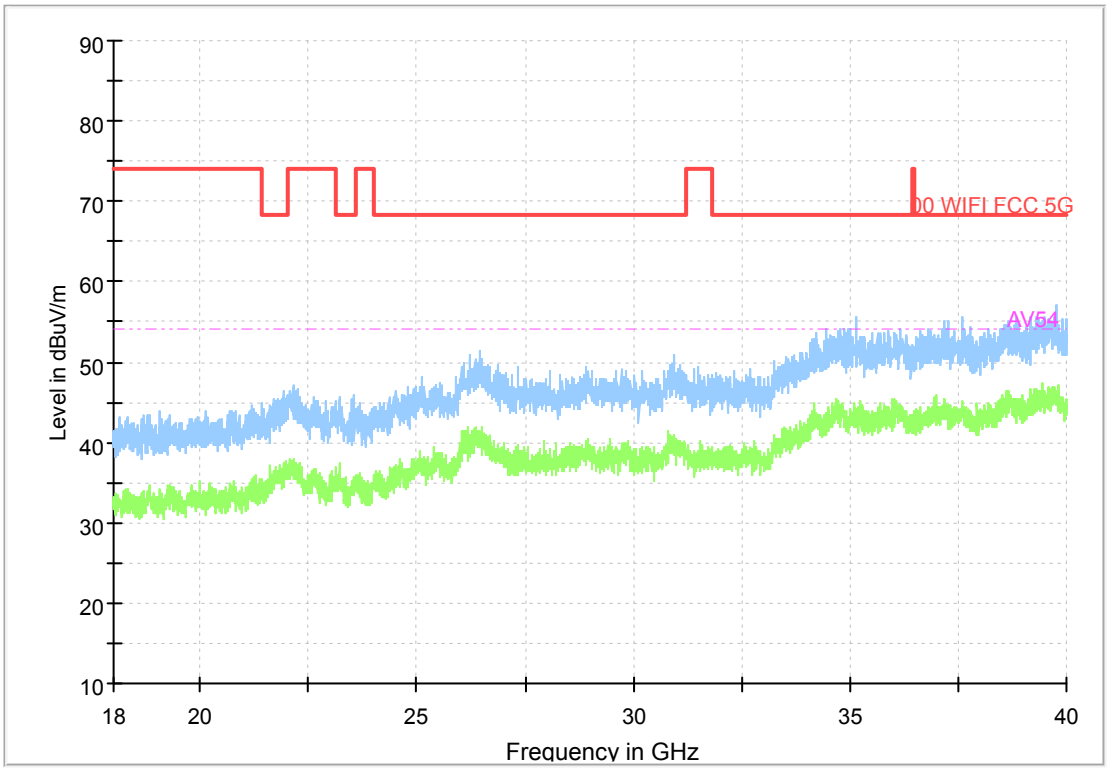


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 135	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

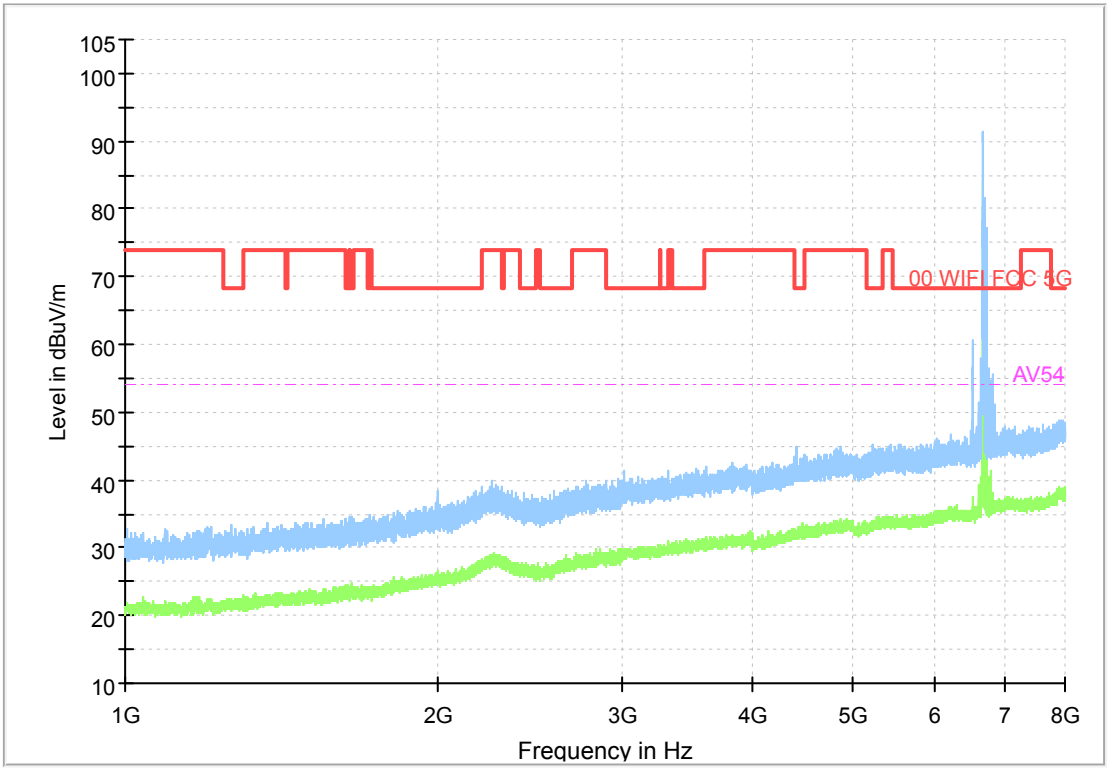
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 151	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

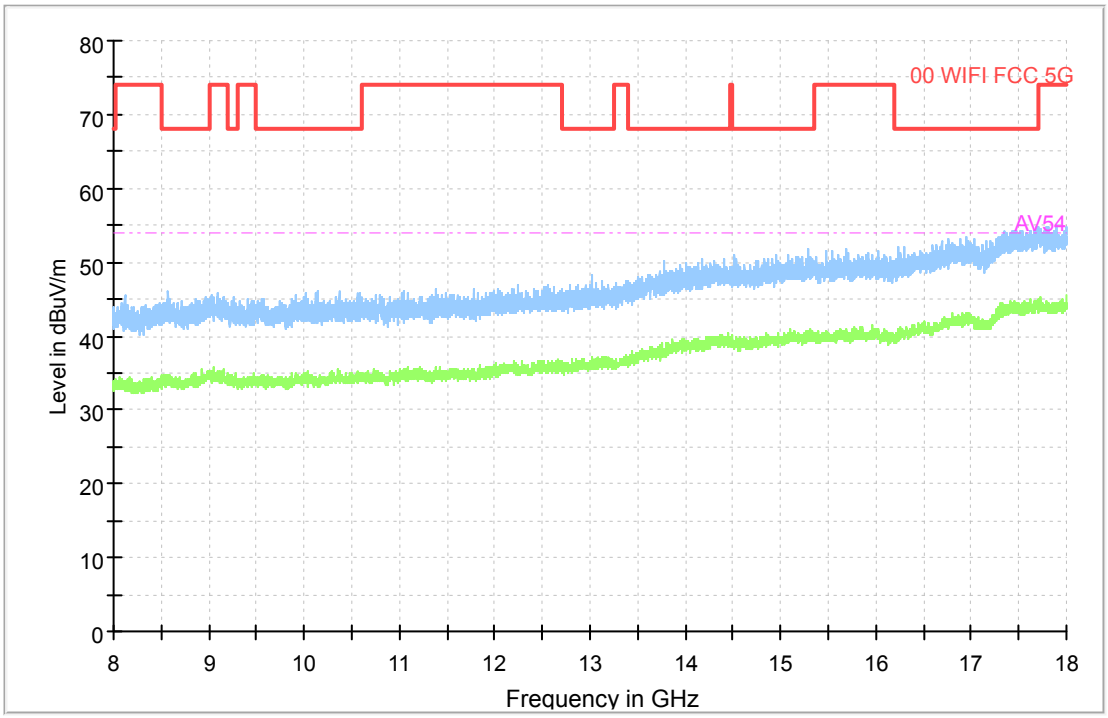
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 151	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

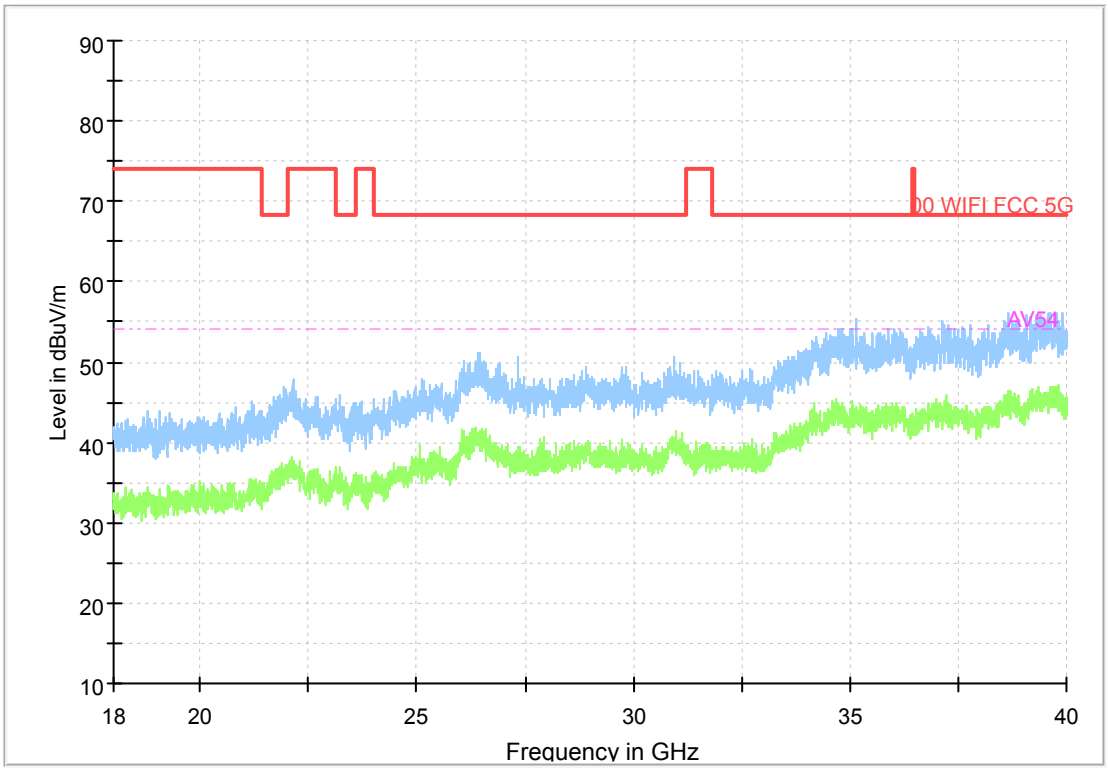


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 151	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

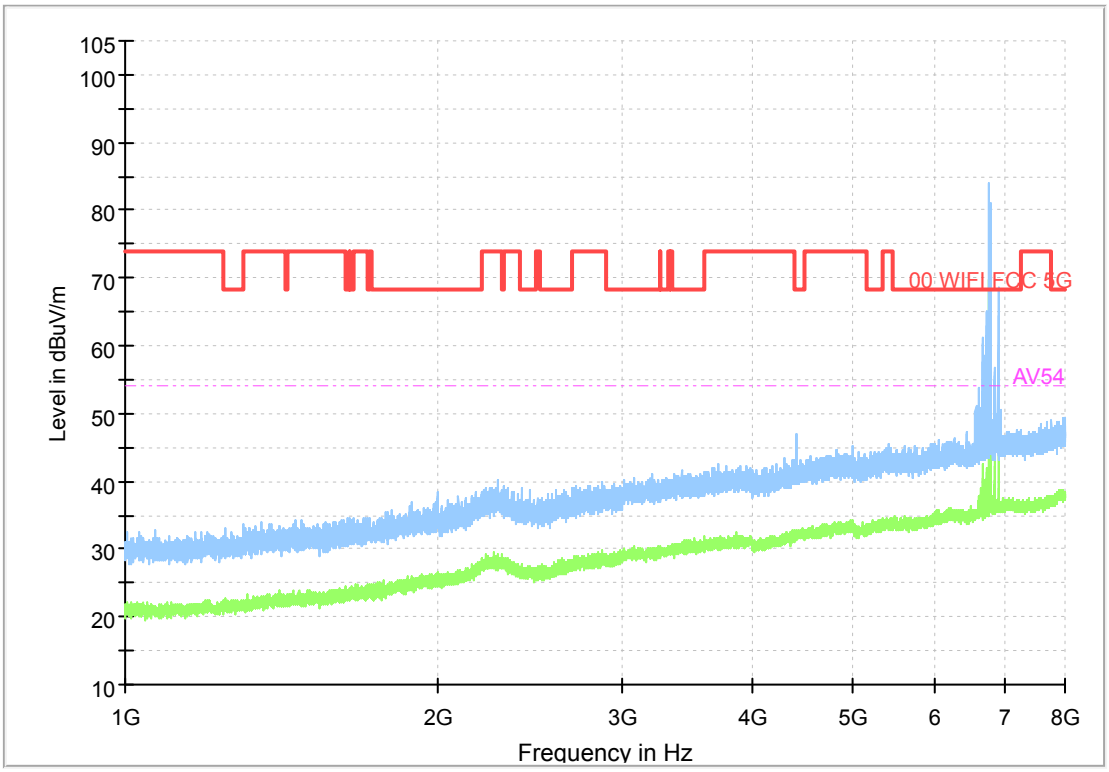
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 167	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

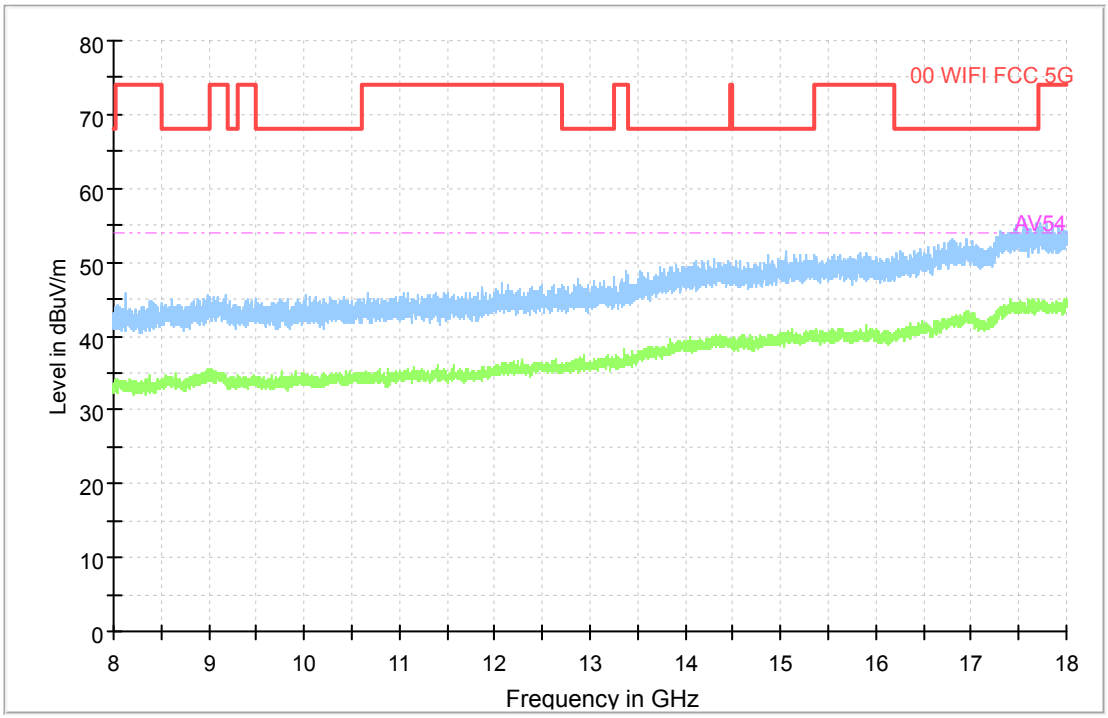
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 167	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

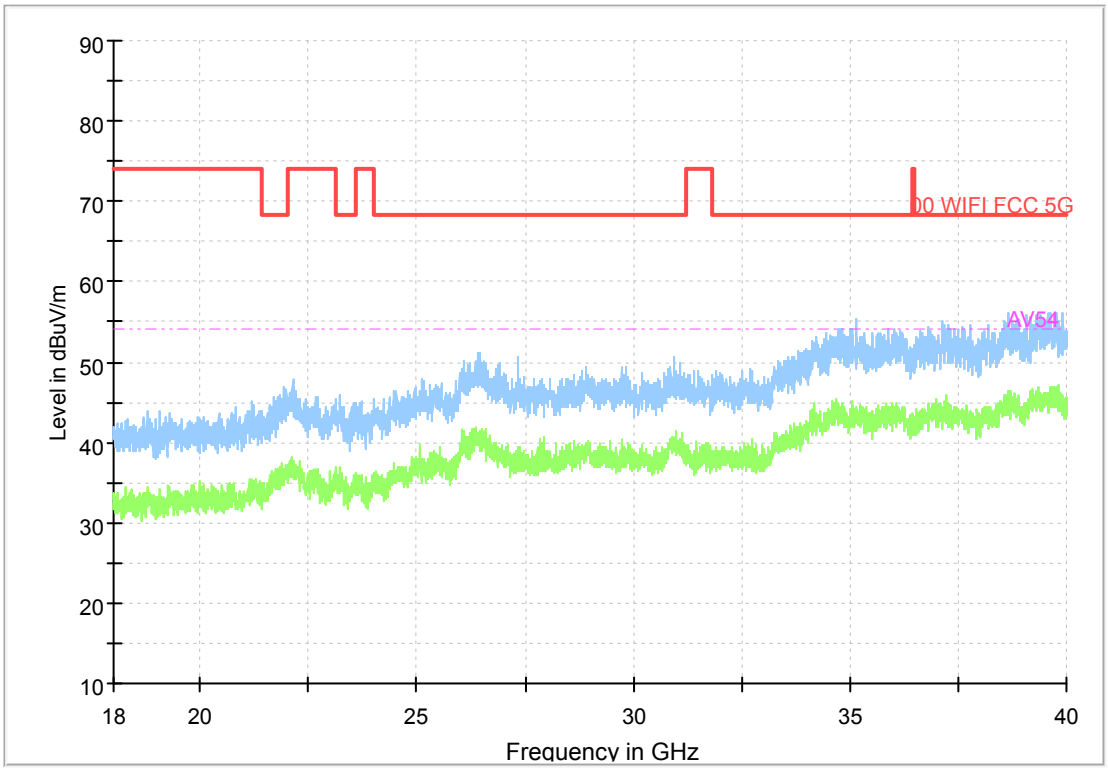


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 167	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

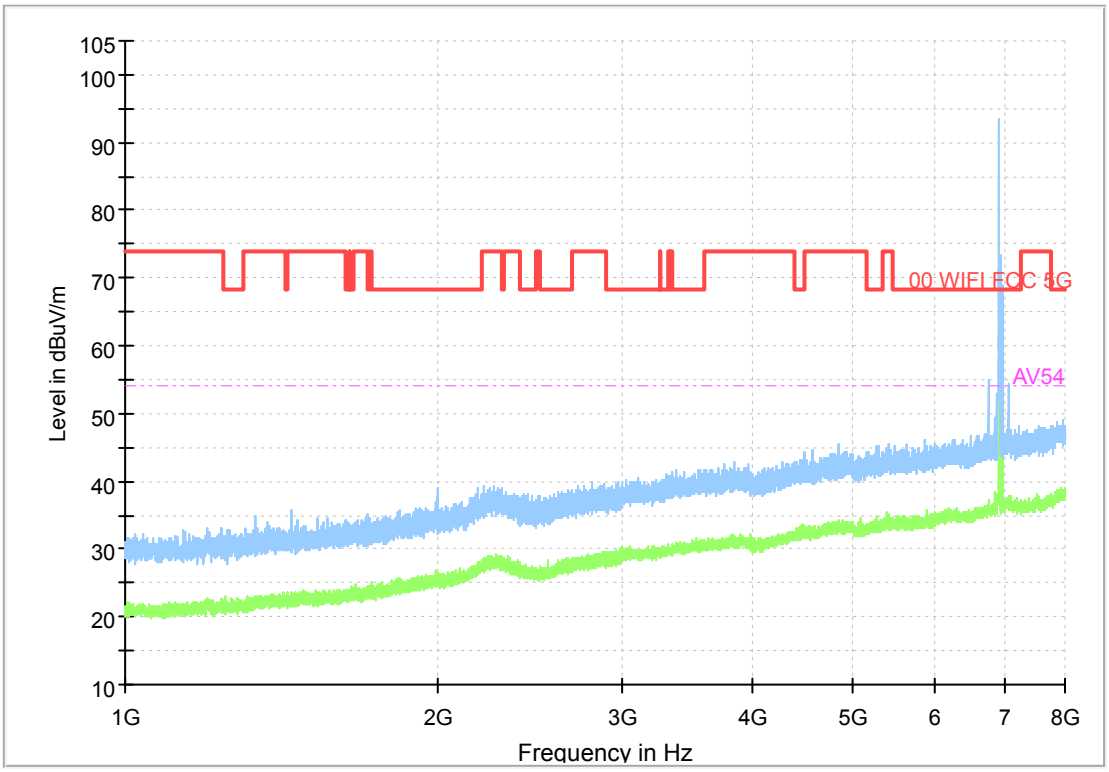
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 199	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

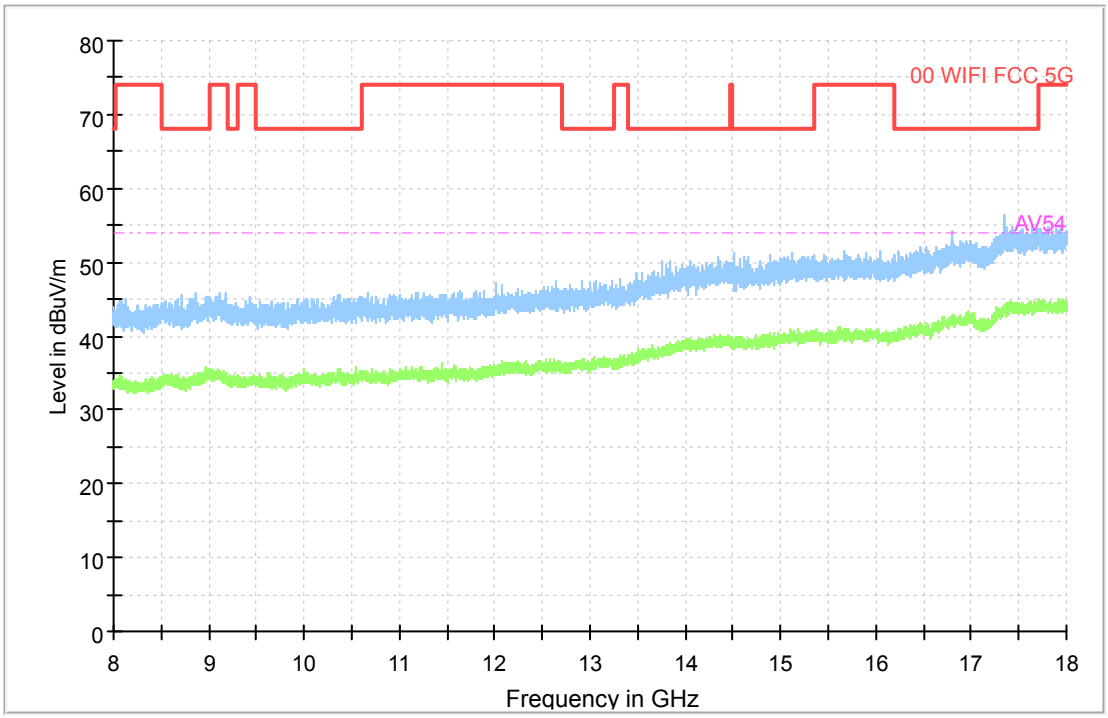
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 199	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

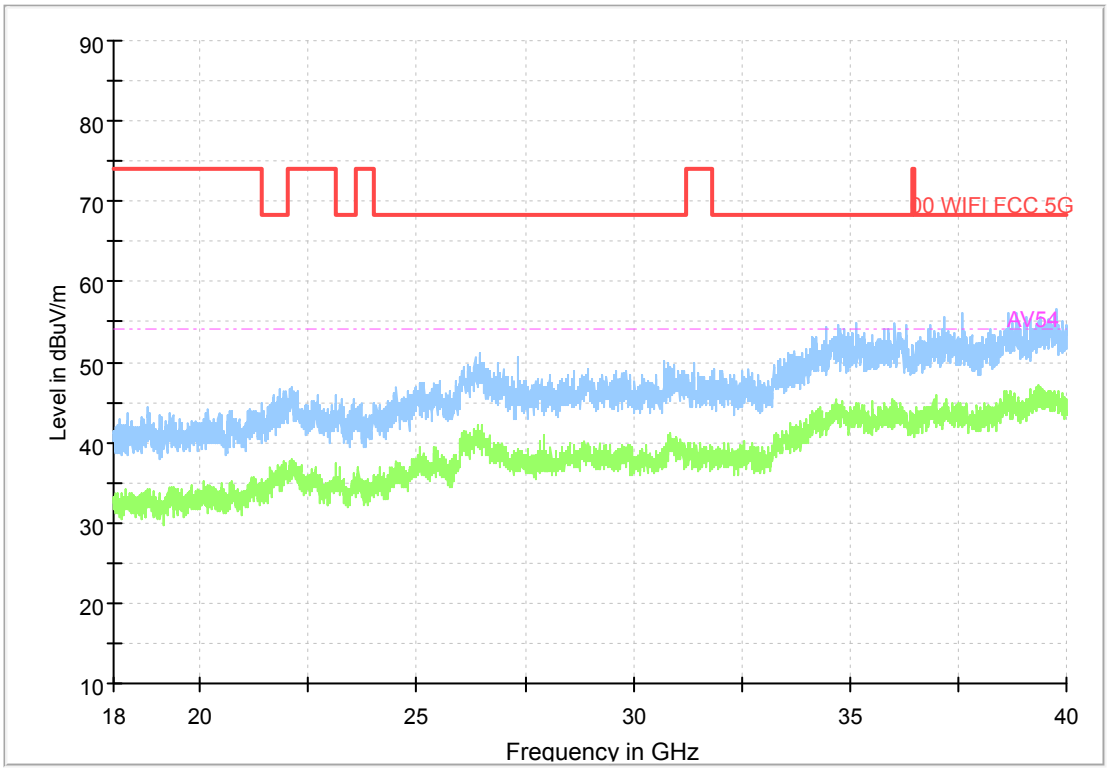


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 199	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

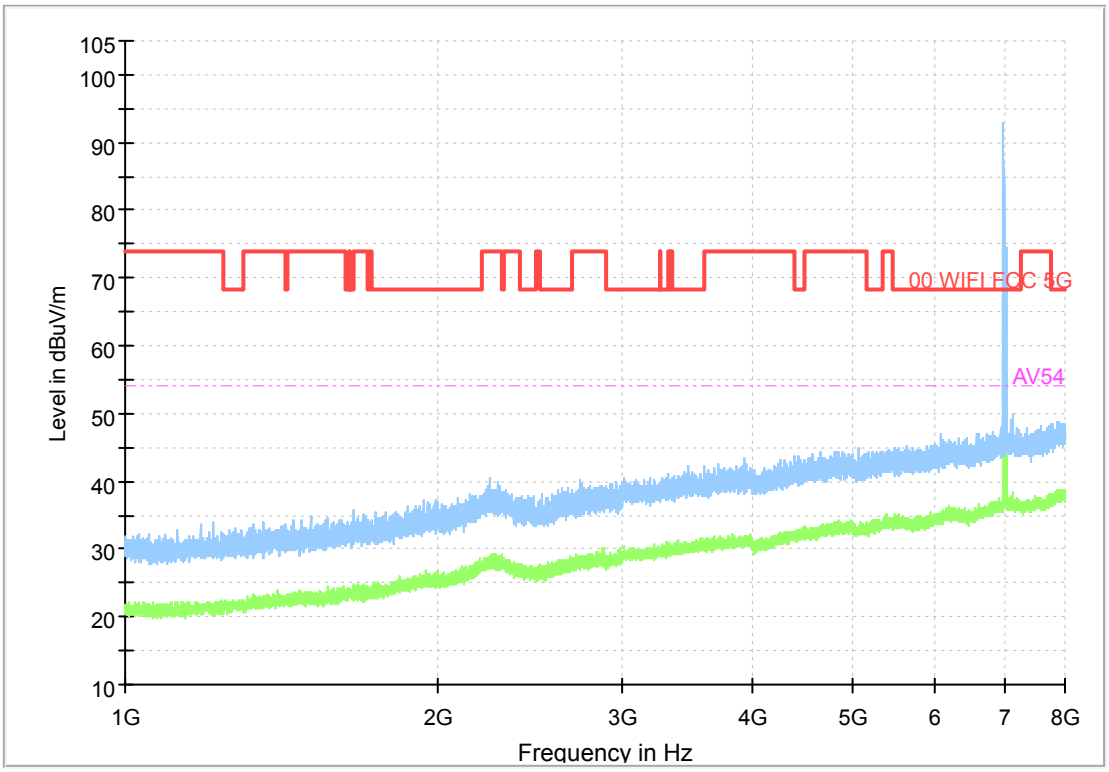
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 215	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

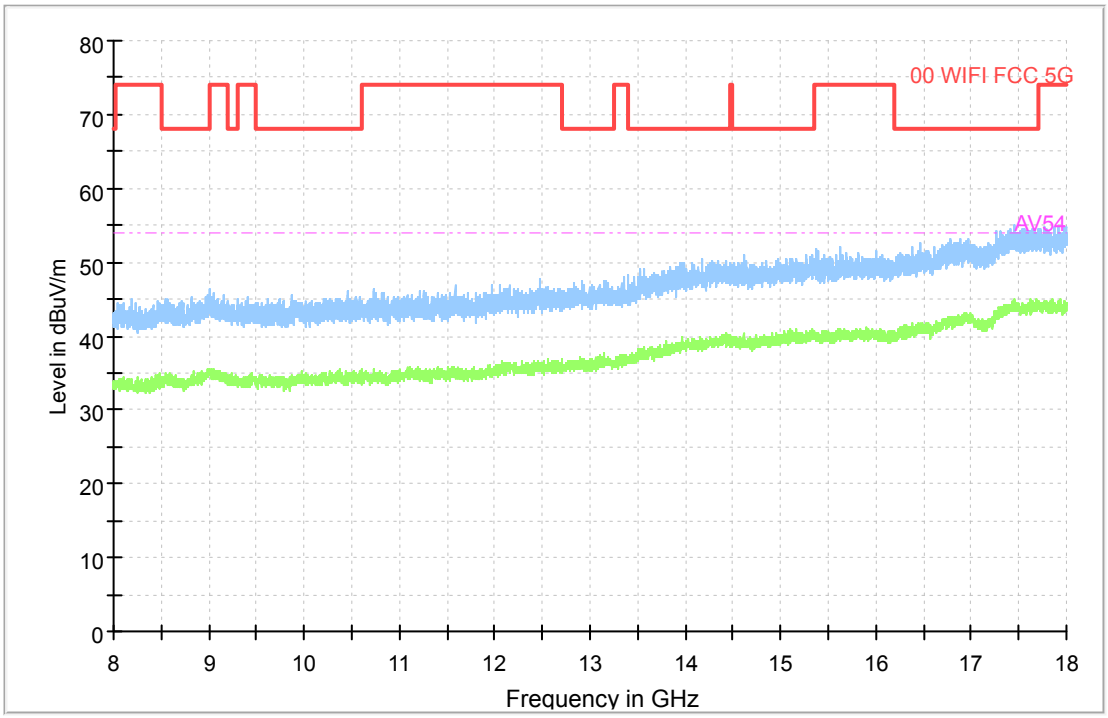
Full Spectrum



802.11ax (80MHz)

CHANNEL	TX Channel 215	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

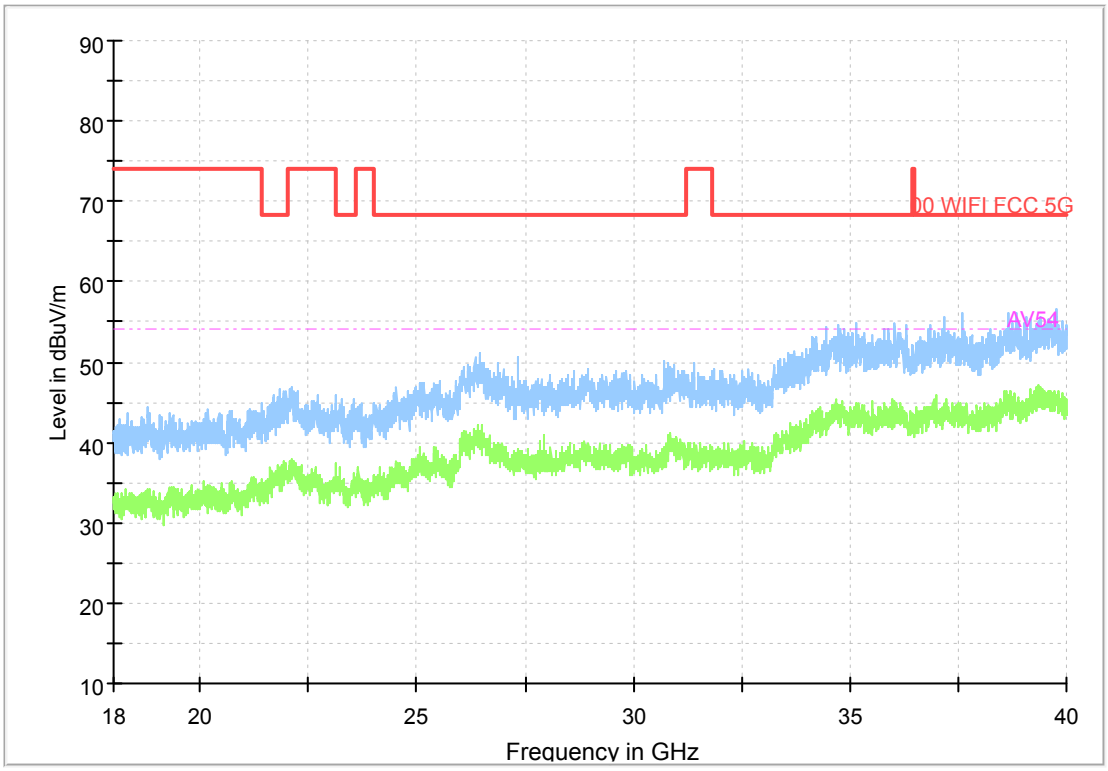


Comment

802.11ax (80MHz)

CHANNEL	TX Channel 215	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

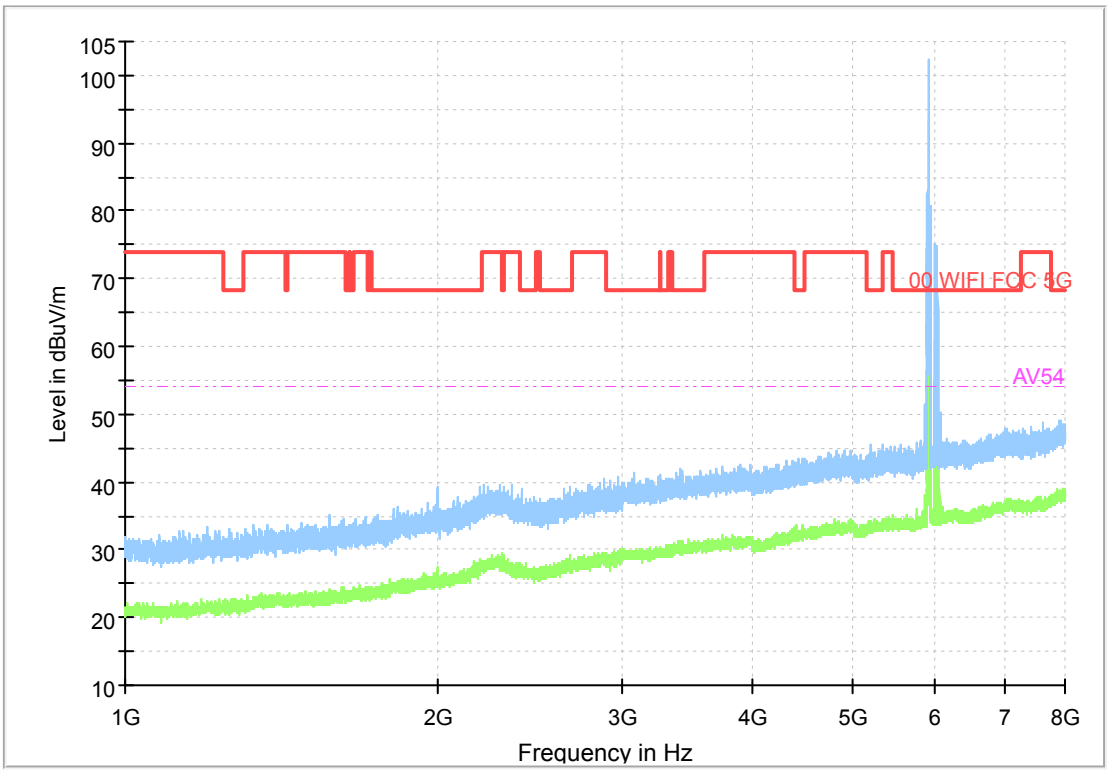
Full Spectrum



802.11ax (160MHz

CHANNEL	TX Channel 15	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

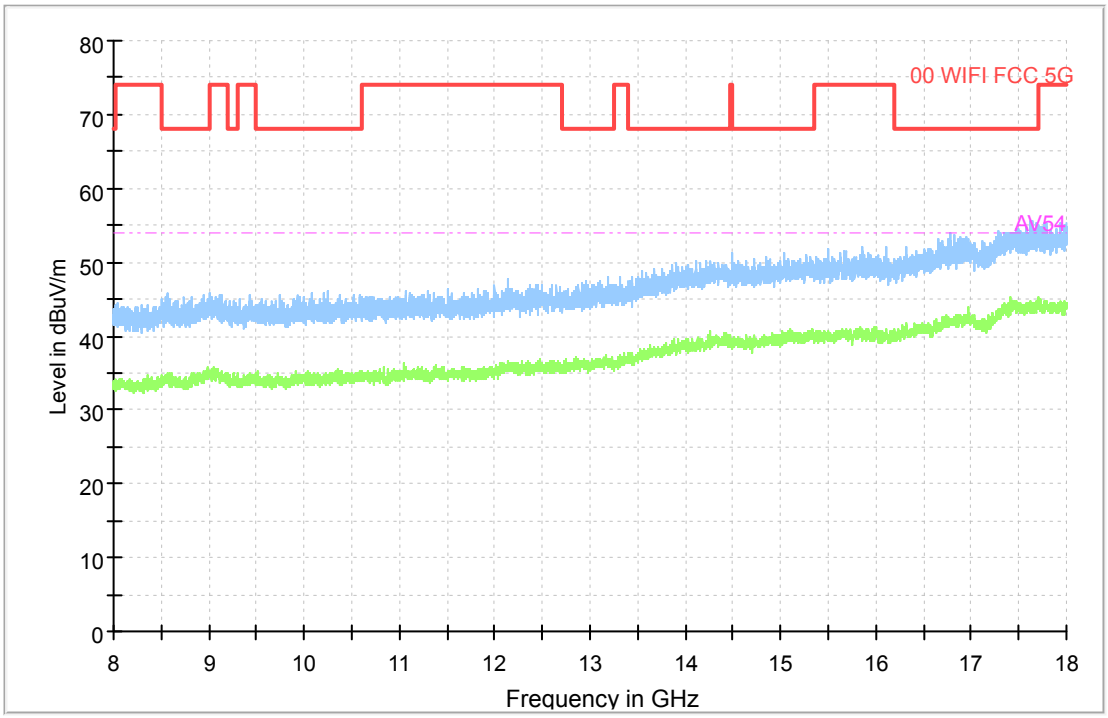
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 15	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

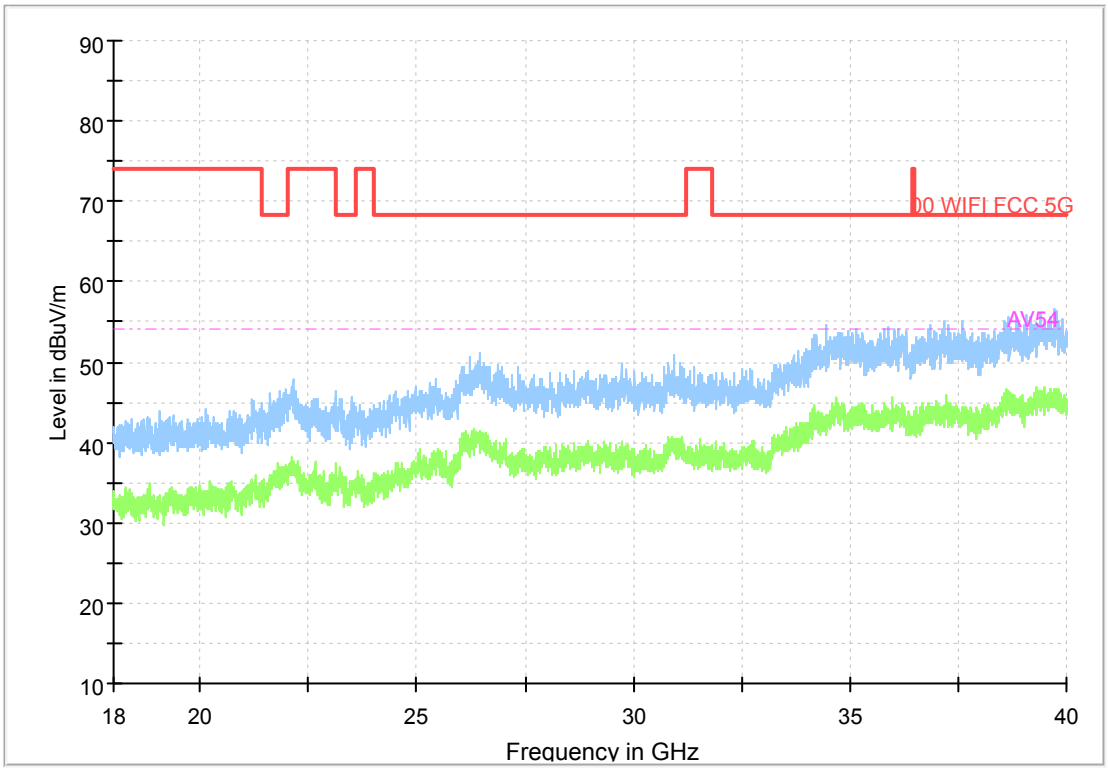


Comment

802.11ax (160MHz)

CHANNEL	TX Channel 15	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

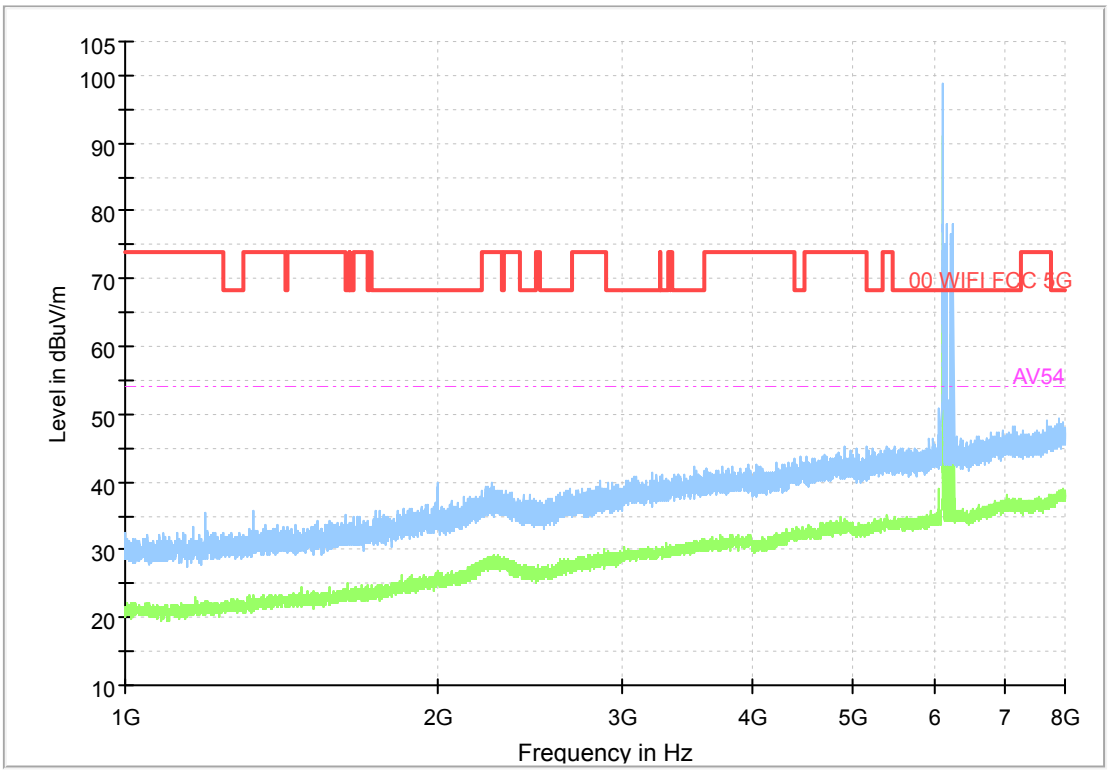
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 47	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

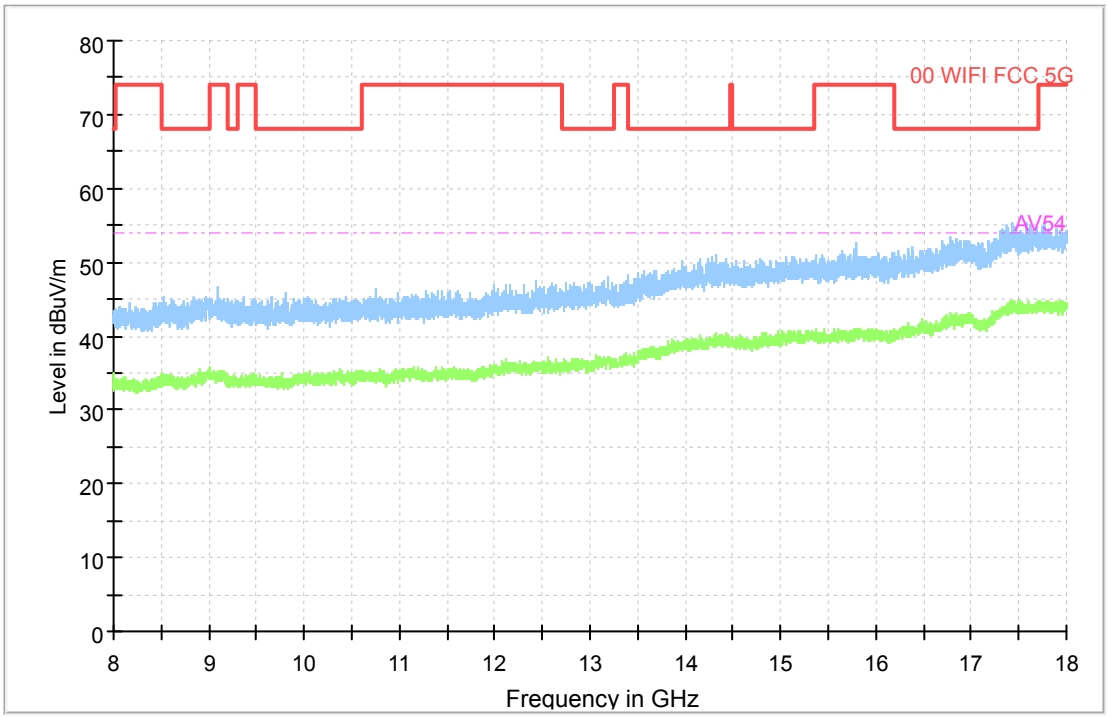
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 47	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

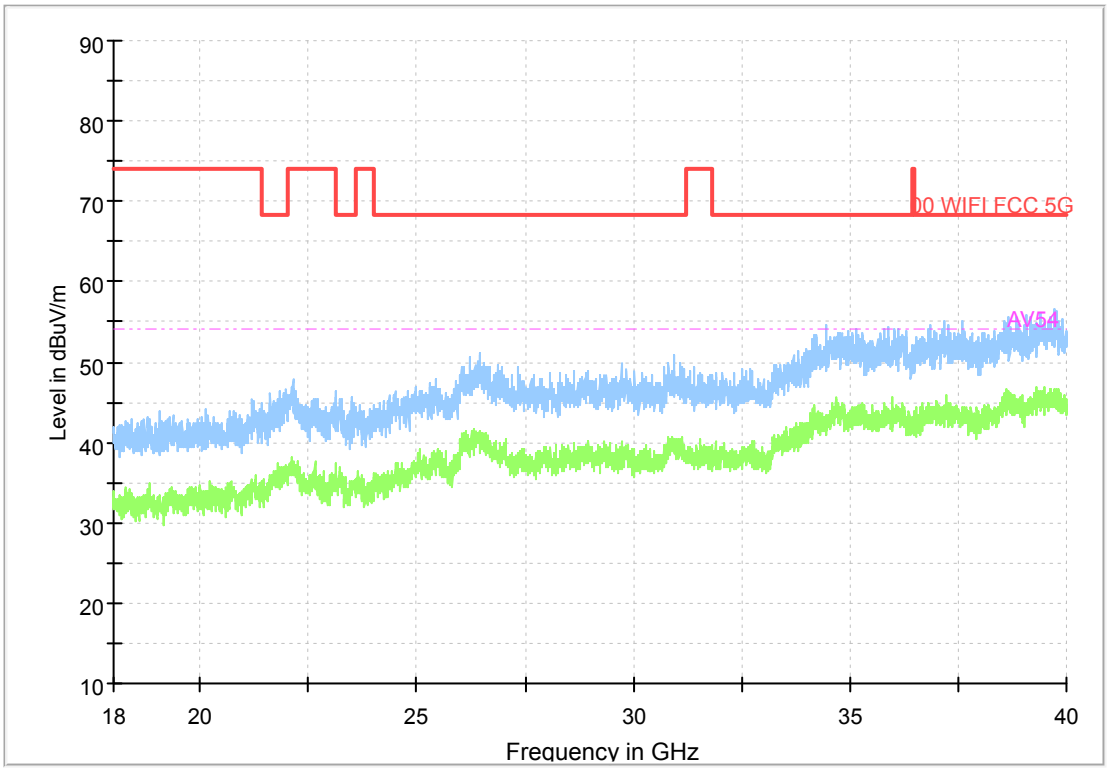


Comment

802.11ax (160MHz)

CHANNEL	TX Channel 47	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

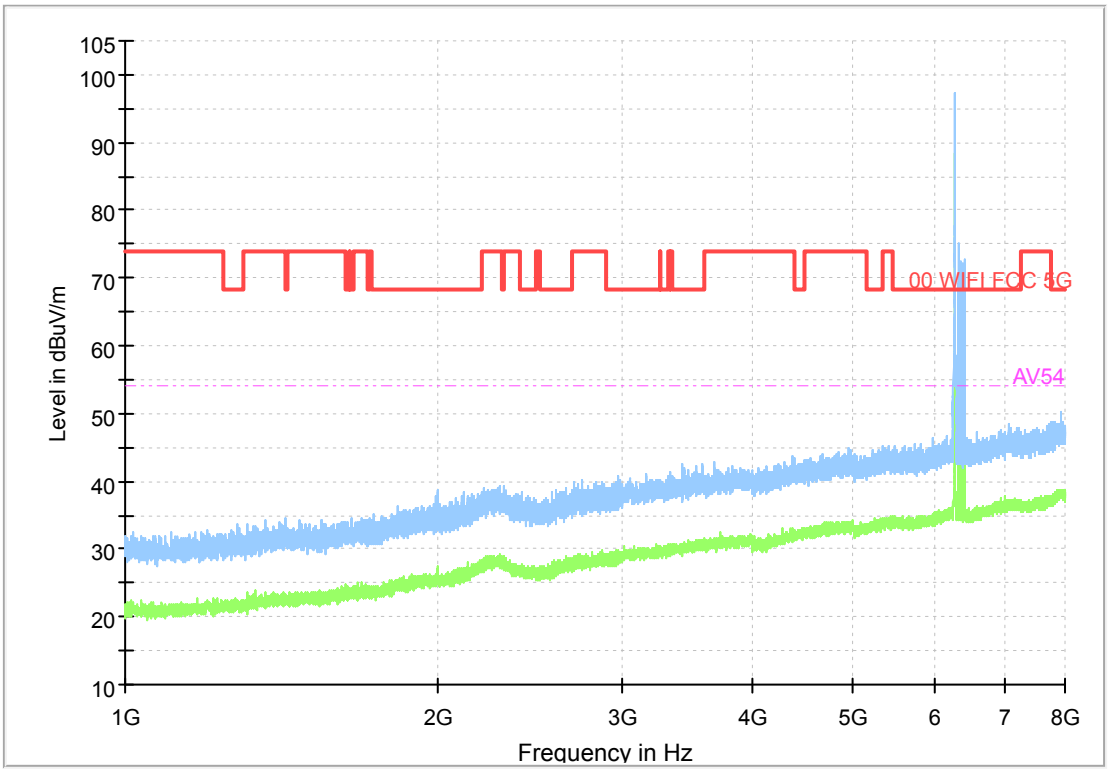
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 79	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

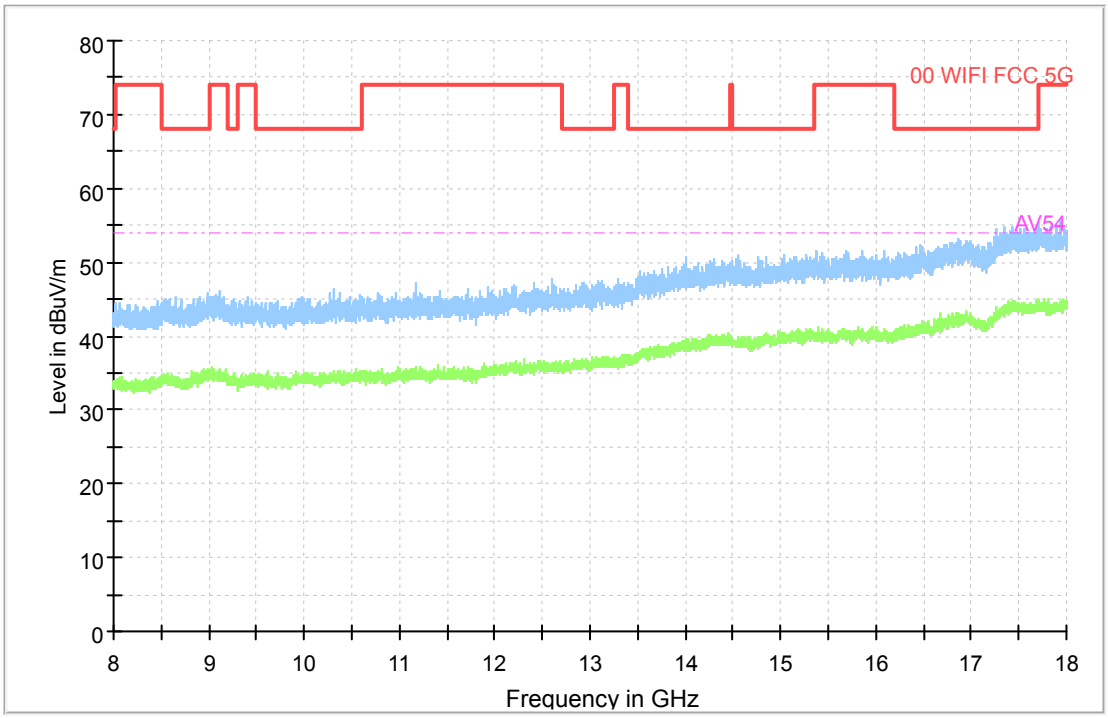
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 79	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

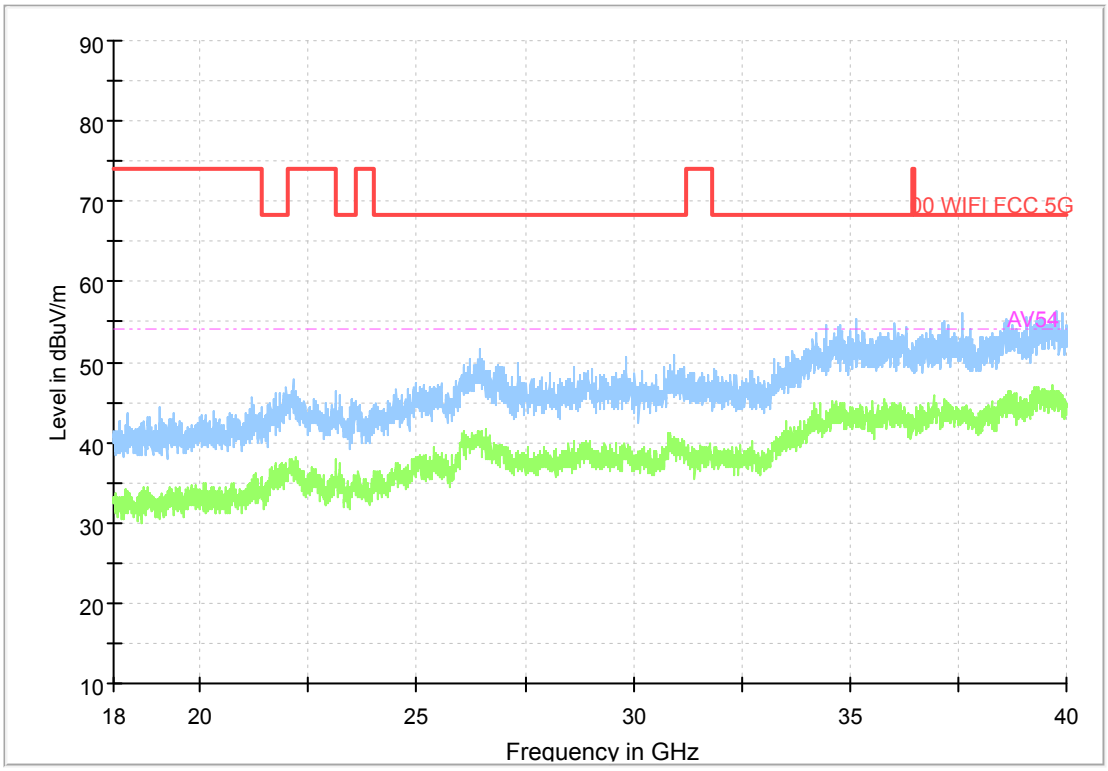


Comment

802.11ax (160MHz)

CHANNEL	TX Channel 79	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

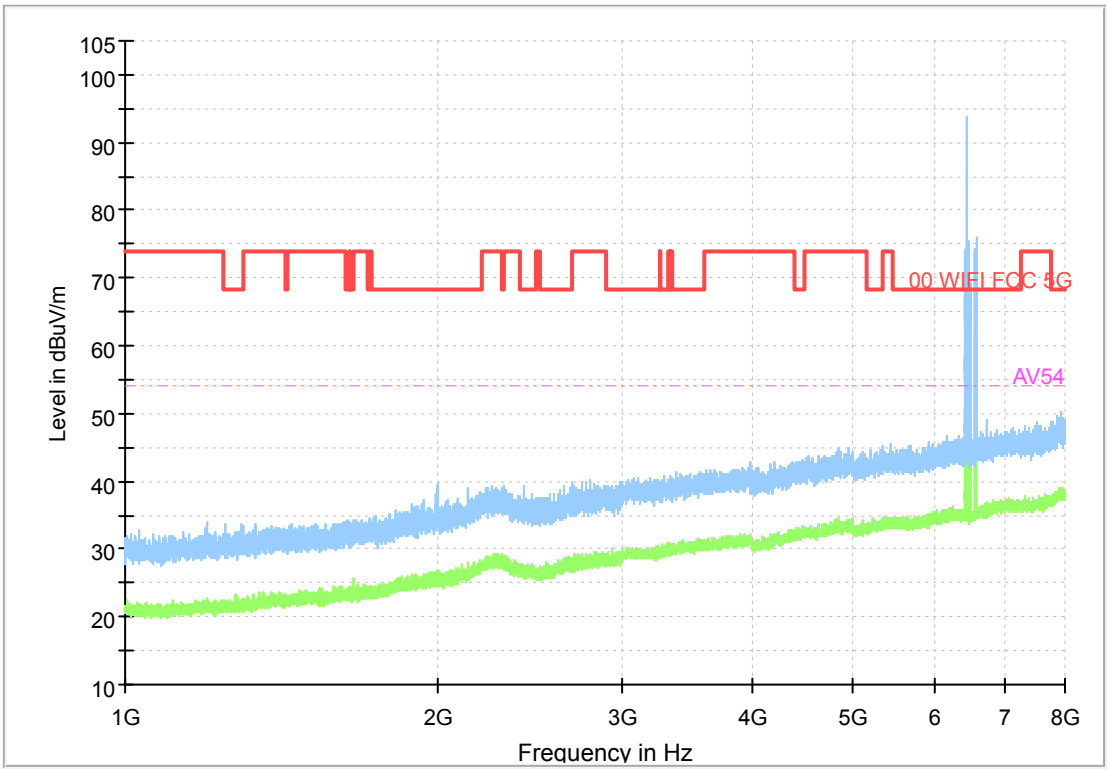
Full Spectrum



802.11ax (160MHz

CHANNEL	TX Channel 111	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

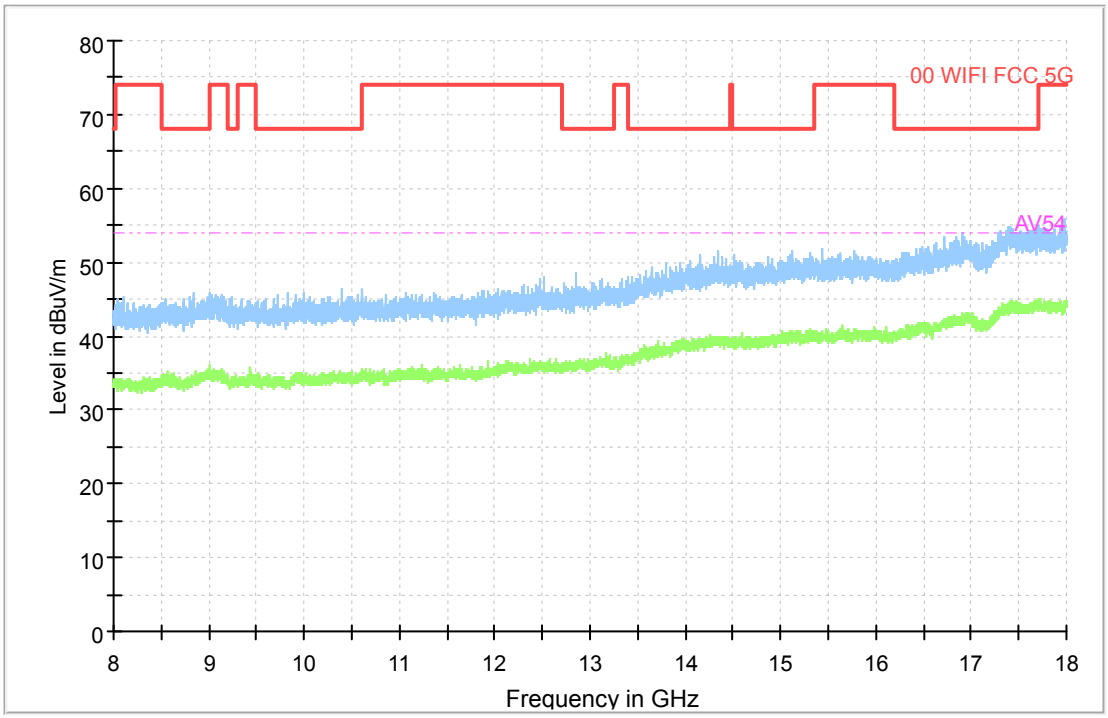
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 111	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

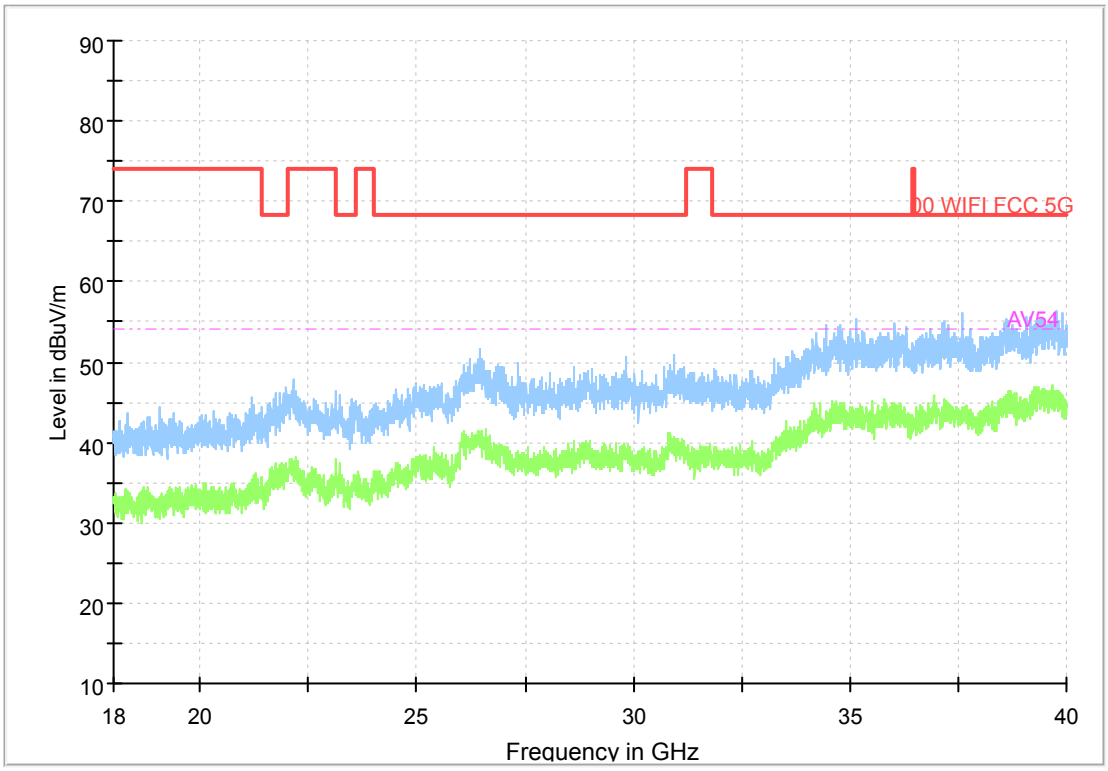


Comment

802.11ax (160MHz)

CHANNEL	TX Channel	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

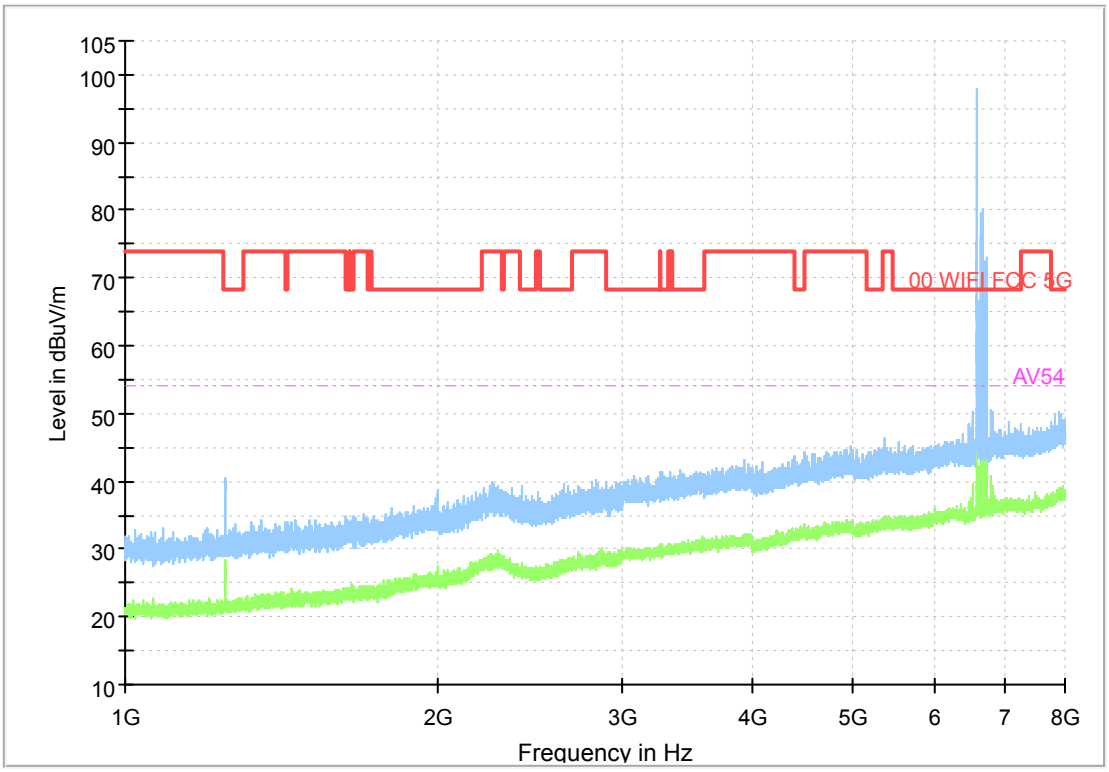
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 143	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

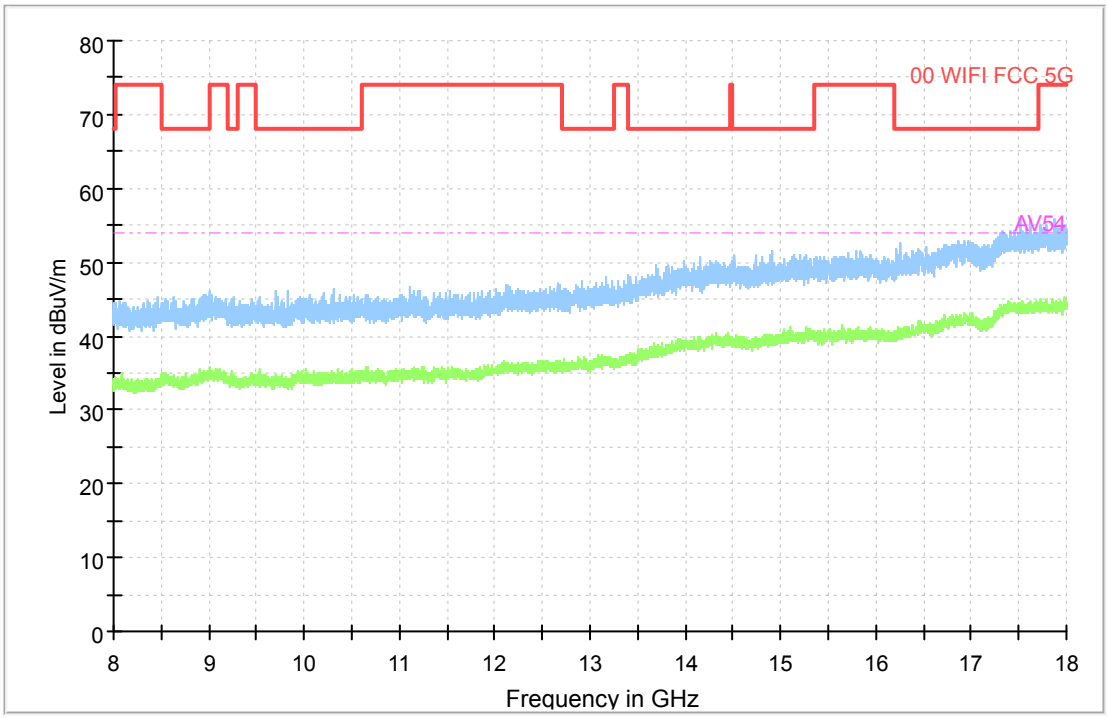
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 143	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

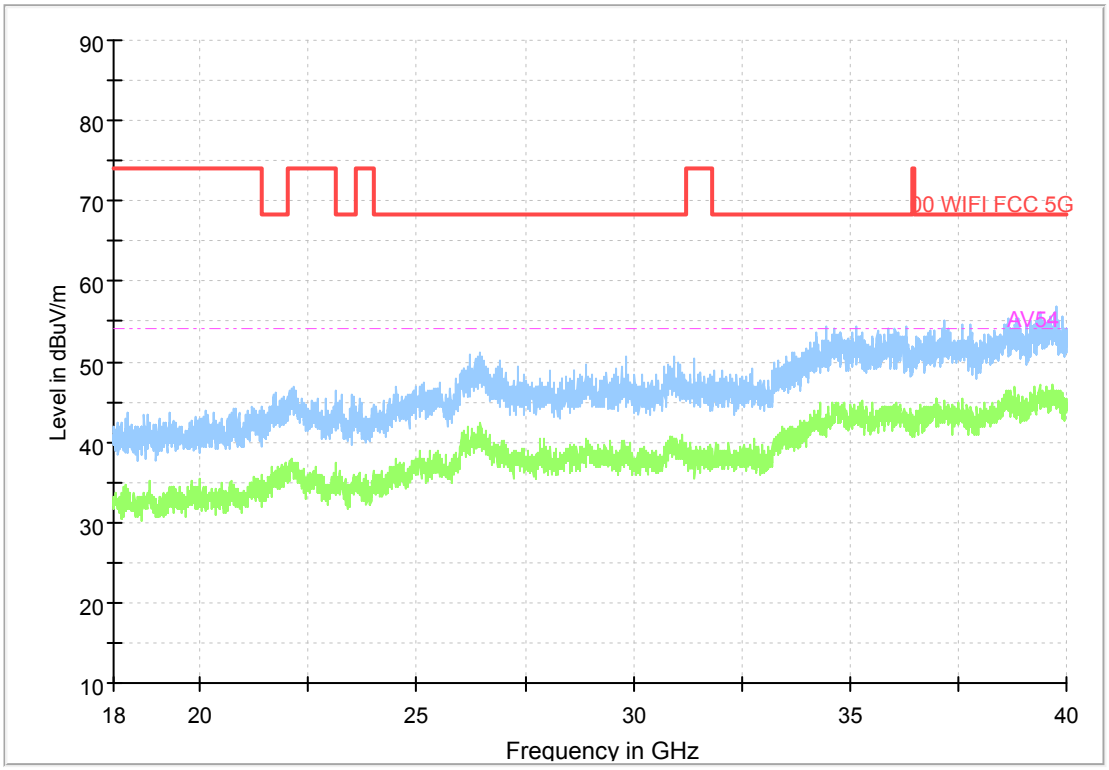


Comment

802.11ax (160MHz)

CHANNEL	TX Channel 143	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

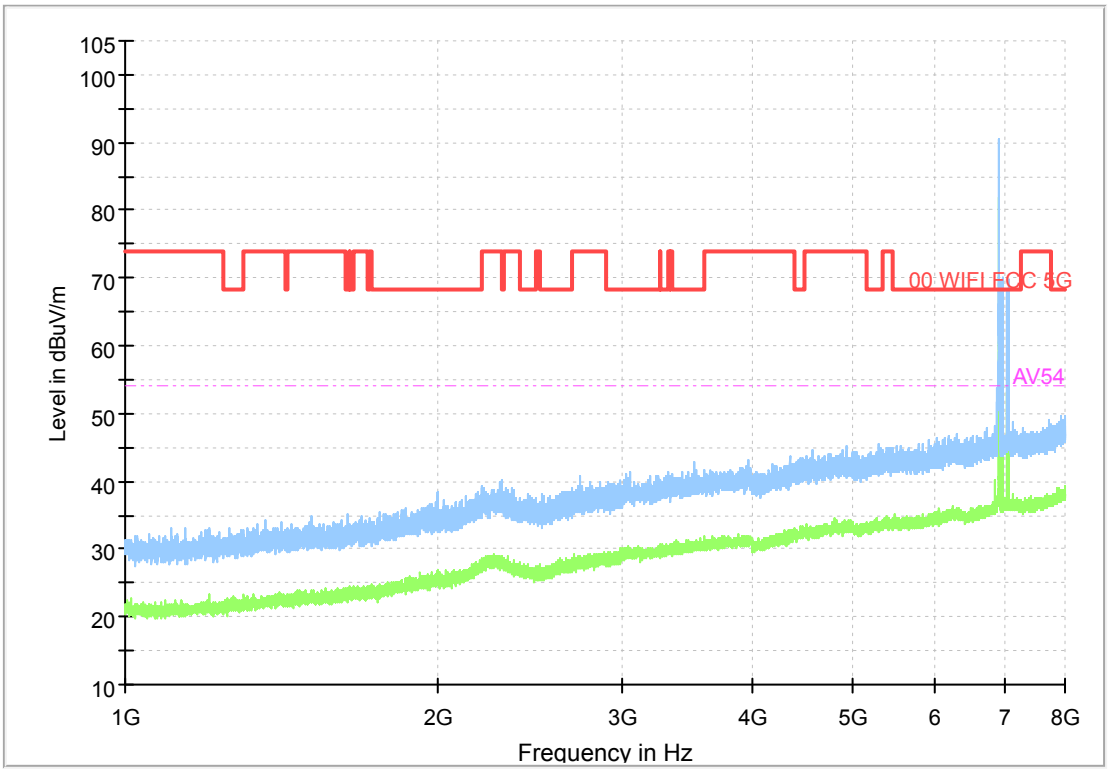
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 207	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	1G-8G		

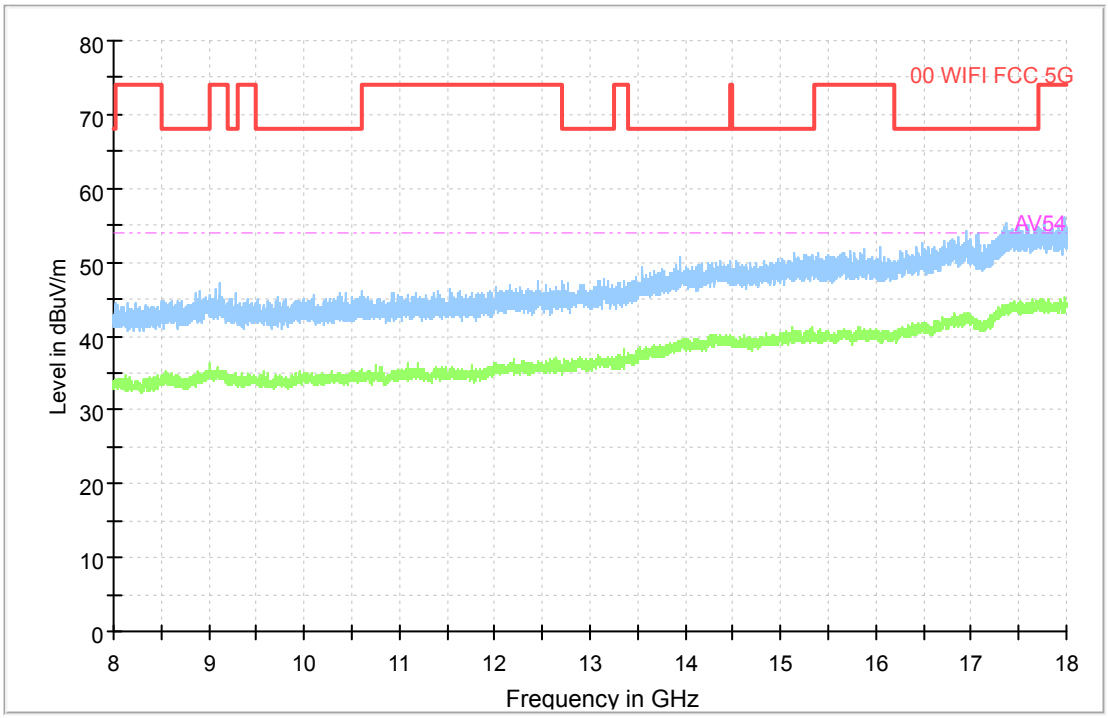
Full Spectrum



802.11ax (160MHz)

CHANNEL	TX Channel 207	**DETECTOR FUNCTION**	Peak (PK) Average (AV)
FREQUENCY RANGE	8GHz ~ 18GHz		

Full Spectrum

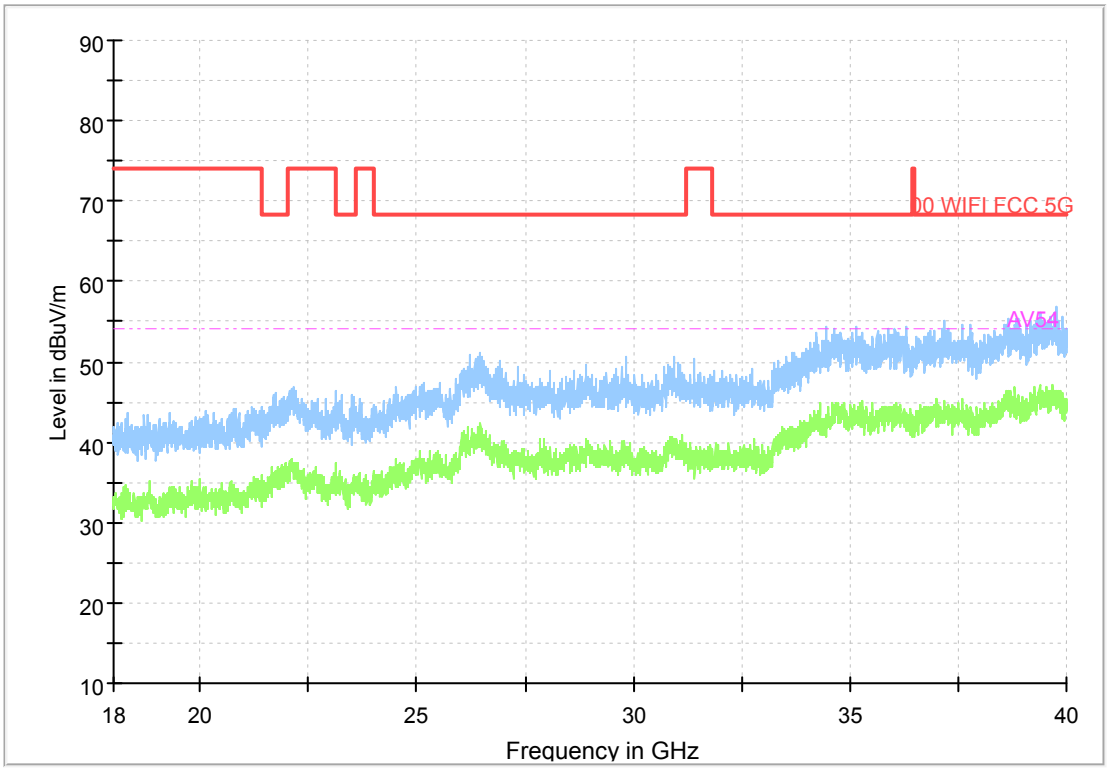


Comment

802.11ax (160MHz)

CHANNEL	TX Channel 207	DETECTOR FUNCTION	Peak (PK) Average (AV)
FREQUENCY RANGE	18G-40G		

Full Spectrum



3.2 IN-BAND EMISSION (MASK) MEASUREMENT

3.2.1 LIMITS OF IN-BAND EMISSION (MASK) MEASUREMENT

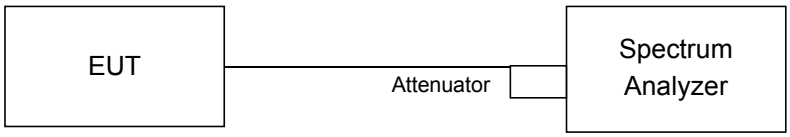
Test Item	Frequencies (MHz)	(X) dBc *1
Emission Mask	At 1 MHz outside of channel edge	20
	At one channel bandwidth from the channel center *2	28
	At one- and one-half times the channel bandwidth away from channel center *3	40
	More than one- and one-half times the channel bandwidth	40

*1 : The power spectral density must be suppressed by “x” dB

*2 : At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression,

*3 : At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.

3.2.2 TEST SETUP



3.2.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
Power Meter	ANRITSU	ML2495A	1506002	Feb. 13,24	Feb. 12,25
EXA Signal Analyzer	KEYSIGHT	N9010A-526	MY54510523	Feb. 13,24	Feb. 12,25
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.10,23	May.09,24
EXA Signal Analyzer	KEYSIGHT	N9010A-544	MY54510355	May.09,24	May.08,25
EXA Signal Analyzer	KEYSIGHT	N9010B-156	MY62170156	Aug.01,23	July.07,31
Power Sensor	ANRITSU	MA2411B	1339352	Feb. 13,24	Feb. 12,25

NOTE:

1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	R&S	ESW 44	101973	Feb.24,24	Feb.23,26
Open Switch and Control Unit	R&S	OSP-B157W8	100836	N/A	N/A
Vector Signal Generator	R&S	SMBV100B	102176	Feb.15,24	Feb.14,26
Signal Generator	R&S	SMB100A03	182185	Feb.15,24	Feb.14,26
Wideband Radio	R&S	CMW500	169399	Jun.26,22	Jun.25,24

Communication					
Wideband Radio Communication	R&S	CMW500	169399	Jun.25,24	Jun.24,26
Hygrothermograph	DELI	20210528	SZ015	Sep.06,22	Sep.05,24
PC	LENOVO	E14	HRSW0024	N/A	N/A
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.28,23	Apr.27,24
CABLE	R&S	J12J103539-00-1	SEP-03-20-069	Apr.27,24	Apr.26,26
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.28,23	Apr.27,24
CABLE	R&S	J12J103539-00-1	SEP-03-20-070	Apr.27,24	Apr.26,26
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	585660781000050	May.31,22	May.30,24
Temperature Chamber	votsch	VT4002	585660781000050	May.30,24	May.29,26
Power Meter	R&S	NRX	102380	Feb.15,24	Feb.14,26
Power Meter probe	R&S	NRP6A	102942	Feb.15,24	Feb.14,26

NOTE:

1. The calibration interval of the above test instruments is 12/24 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.
2. The test was performed in RF Oven room.

3.2.4 TEST PROCEDURE

a. Connect output of the antenna port to a spectrum analyzer and adjust appropriate attenuation.

b. Measure the 26 dB EBW using the test procedure 12.5.1 of ANSI C63.10-2020. (Determine the channel edge.)

c. Measure the power spectral density (for emissions mask reference) using the following procedure:

a) Set the span to encompass the entire 26 dB EBW of the signal.

b) Set RBW = same RBW used for 26 dB EBW measurement.

c) Set VBW ≥ 3 X RBW

d) Number of points in sweep ≥ [2 X span / RBW].

e) Sweep time = auto.

f) Detector = RMS (i.e., power averaging)

g) Trace average at least 100 traces in power averaging (rms) mode.

h) Use the peak search function on the instrument to find the peak of the spectrum.

d. Using the measuring equipment limit line function, develop the emissions mask based on the following requirements. The emissions power spectral density must be reduced below the peak power spectral density (in dB) as follows:

a) Suppressed by 20 dB at 1 MHz outside of the channel edge. (The channel edge is defined as the 26-dB point on either side of the carrier center frequency.)

b) Suppressed by 28 dB at one channel bandwidth from the channel center.

c) Suppressed by 40 dB at one- and one-half times the channel bandwidth from the channel center.

e. Adjust the span to encompass the entire mask as necessary and clear trace.

f. Trace average at least 100 traces in power averaging (rms) mode.

g. Adjust the reference level as necessary so that the crest of the channel touches the top of the emission mask

Note:

a higher RBW for the in-Band Emissions Mask is used (i.e., a more conservative case)

3.2.5 EUT OPERATING CONDITION

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.2.6 TEST RESULTS

Please Refer to Appendix D Of this test report.

Note:

A higher RBW for the in-Band Emissions Mask is used (more conservative test) , according to BW conversion calculated as equation:

Vfinal =Vmeasurement+10*log（RBWrequired/RBWactual）, Vfinal meets the limit

Vfinal ----- the final test results

Vmeasurement-----test value

RBW required----- RBW as required by regulations（1% to 5% of the emission bandwidth）

RBW actual----- RBW used for testing

Results:
All in-band emissions are meet the channel mask.

3.3 CONDUCTED EMISSION MEASUREMENT

3.3.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

Frequency (MHz)	Conducted Limit (dBuV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30.0	60	50

Note: 1. The lower limit shall apply at the transition frequencies.
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

3.3.2 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Feb. 14,23	Feb. 13,24
EMI Test Receiver	Rohde&Schwarz	ESR3	101900	Feb. 13,24	Feb. 12,25
EMC32 test software	Rohde&Schwarz	EMC32	NA	NA	NA
LISN network	Rohde&Schwarz	ENV216	101922	Mar. 10,23	Mar. 09,24
LISN network	Rohde&Schwarz	ENV216	101922	Mar. 09,24	Mar. 08,25

NOTE: 1. The test was performed in CE shielded room.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to CEPREI/CHINA, GRGT/CHINA and NIM/CHINA.

3.3.3 TEST PROCEDURES

a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.

b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.

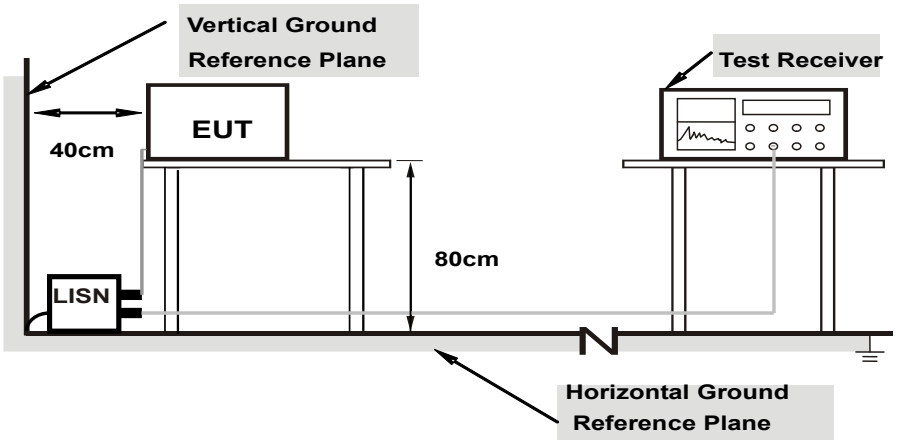
c. The frequency range from 150kHz to 30MHz was searched. Emission levels under (Limit - 20dB) was not recorded.

Note: The resolution bandwidth and video bandwidth of test receiver is 9kHz for quasi-peak detection (QP) and average detection (AV) at frequency 0.15MHz-30MHz.

3.3.4 DEVIATION FROM TEST STANDARD

No deviation.

3.3.5 TEST SETUP



Note: 1.Support units were connected to second LISN.

For the actual test configuration, please refer to the attached file (Test Setup Photo).

3.3.6 EUT OPERATING CONDITIONS

Same as 3.1.6.

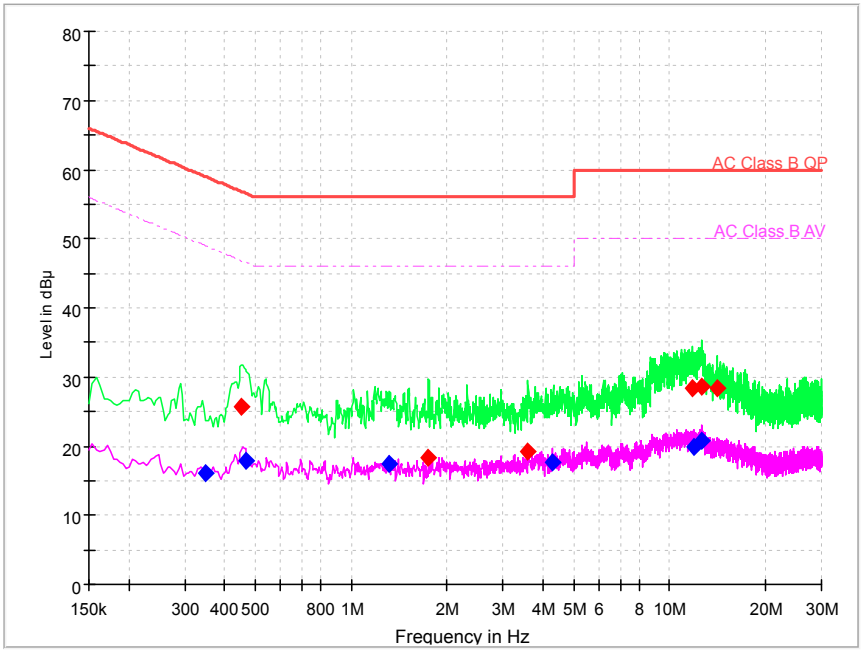
3.3.7 TEST RESULTS

CONDUCTED WORST-CASE DATA:

Frequency Range	150KHz ~ 30MHz	**Detector Function & Resolution Bandwidth**	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	**Environmental Conditions**	26deg. C, 51%RH
Tested By	Hanwen Xu		

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.350421	---	16.18	48.95	32.78	50.0	9.000	L1	OFF	29.8
0.452764	25.59	---	56.82	31.23	50.0	9.000	L1	OFF	29.8
0.465557	---	17.84	46.59	28.75	50.0	9.000	L1	OFF	29.8
1.314150	---	17.34	46.00	28.66	50.0	9.000	L1	OFF	29.8
1.749107	18.39	---	56.00	37.61	50.0	9.000	L1	OFF	29.8
3.591279	19.11	---	56.00	36.89	50.0	9.000	L1	OFF	29.9
4.282093	---	17.66	46.00	28.34	50.0	9.000	L1	OFF	29.9
11.808557	28.35	---	60.00	31.65	50.0	9.000	L1	OFF	30.0
11.966336	---	19.91	50.00	30.09	50.0	9.000	L1	OFF	30.0
12.610243	---	20.86	50.00	29.14	50.0	9.000	L1	OFF	30.0
12.648621	28.68	---	60.00	31.32	50.0	9.000	L1	OFF	30.0
14.077157	28.30	---	60.00	31.70	50.0	9.000	L1	OFF	30.0

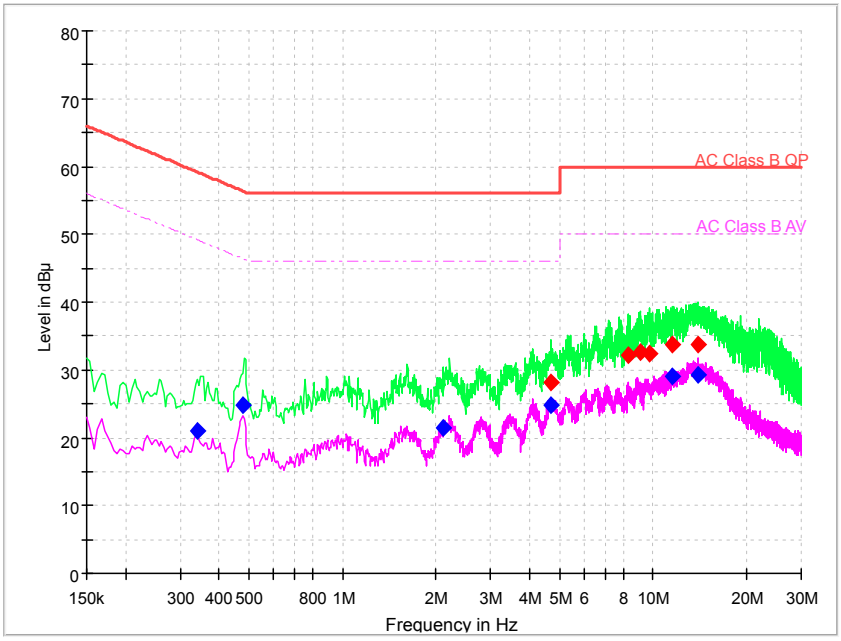
REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.



Frequency Range	150KHz ~ 30MHz	Detector Function & Resolution Bandwidth	Quasi-Peak (QP) / Average (AV), 9 kHz
Input Power	120Vac, 60Hz	Environmental Conditions	26deg. C, 51%RH
Tested By	Hanwen Xu		

Frequency (MHz)	QuasiPeak (dBµV)	Average (dBµV)	Limit (dBµV)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Line	Filter	Corr. (dB)
0.341893	---	20.99	49.16	28.17	50.0	9.000	N	OFF	29.7
0.478350	---	24.89	46.37	21.48	50.0	9.000	N	OFF	29.7
2.107307	---	21.50	46.00	24.50	50.0	9.000	N	OFF	29.7
4.678671	28.20	---	56.00	27.80	50.0	9.000	N	OFF	29.8
4.695729	---	24.74	46.00	21.26	50.0	9.000	N	OFF	29.8
8.341693	32.21	---	60.00	27.79	50.0	9.000	N	OFF	29.8
9.053829	32.56	---	60.00	27.44	50.0	9.000	N	OFF	29.9
9.706264	32.51	---	60.00	27.49	50.0	9.000	N	OFF	29.9
11.552700	---	29.07	50.00	20.93	50.0	9.000	N	OFF	29.9
11.595343	33.78	---	60.00	26.22	50.0	9.000	N	OFF	29.9
13.885264	33.75	---	60.00	26.25	50.0	9.000	N	OFF	30.0
14.004664	---	29.24	50.00	20.76	50.0	9.000	N	OFF	30.0

REMARKS: 1. Q.P. and AV. are abbreviations of quasi-peak and average individually.
2. "-": The Quasi-peak reading value also meets average limit and measurement with the average detector is unnecessary.
3. The emission levels of other frequencies were very low against the limit.
4. Margin value = Limit value - Emission level
5. Correction factor = Insertion loss + Cable loss
6. Emission Level = Correction Factor + Reading Value.

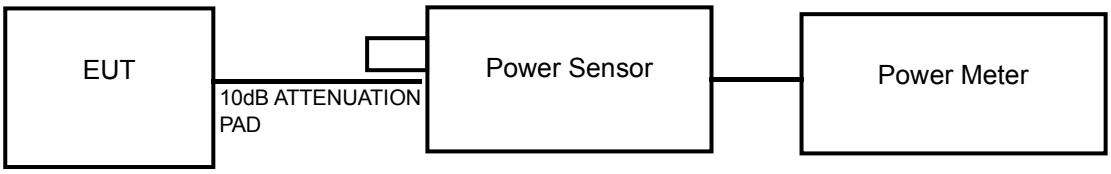


3.4 TRANSMIT POWER MEASUREMENT

3.4.1 LIMITS OF TRANSMIT POWER MEASUREMENT

Operation Band	EUT Category	Limit
		Max Average Power
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Client Devices (controlled of an indoor AP)	EIRP 24 dBm
U-NII-5 U-NII-7	Client Devices (controlled of a Standard Power AP)	EIRP 30 dBm

3.4.2 TEST SETUP



3.4.3 TEST INSTRUMENTS

Refer to section 3.2.3 to get information on the above instrument.

3.4.4 TEST PROCEDURE

Method PM is used to perform output power measurement, trigger and gating function of wide band power meter is enabled to measure max output power of TX on burst. Duty factor is not added to measured value.

3.4.5 DEVIATION FROM TEST STANDARD

No deviation.

3.4.6 EUT OPERATING CONDITIONS

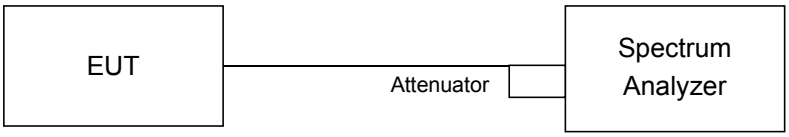
The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

3.4.7 TEST RESULT

Please Refer to Appendix D Of this test report.

3.5 EMISSION BANDWIDTH MEASUREMENT

3.5.1 TEST SETUP



3.5.2 TEST INSTRUMENTS

Refer to section 3.2.3 to get information of above instrument.

3.5.3 TEST PROCEDURE

For 99% Occupied Bandwidth

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with resolution bandwidth in the range of 1% to 5% of the anticipated emission bandwidth, and a video bandwidth at least 3x the resolution bandwidth and set the detector to sampling. The width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5 % of the total mean power of a given emission.

For 26dB Bandwidth

a. Set RBW = approximately 1% of the emission bandwidth.
b. Set the VBW > RBW.
c. Detector = Peak.
d. Trace mode = max hold.
e. Measure the maximum width of the emission that is 26 dB down from the peak of the emission. Compare this with the RBW setting of the analyzer. Readjust RBW and repeat measurement as needed until the RBW/EBW ratio is approximately 1%.

3.5.4 TEST RESULT

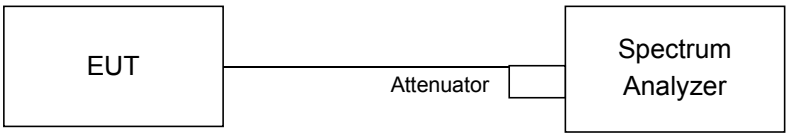
Please Refer to Appendix D Of this test report.

3.6 MAXIMUM POWER SPECTRAL DENSITY MEASUREMENT

3.6.1 LIMITS OF PEAK POWER SPECTRAL DENSITY MEASUREMENT

Operation Band	EUT Category	Limit
		Peak Power Density (EIRP)
U-NII-5 U-NII-6 U-NII-7 U-NII-8	Client Devices (controlled of an indoor AP)	-1 dBm/MHz
U-NII-5 U-NII-7	Client Devices (controlled of a Standard Power AP)	17 dBm/MHz

3.6.2 TEST SETUP



3.6.3 TEST INSTRUMENTS

Refer to section 3.2.3 to get information on the above instrument.

3.6.4 TEST PROCEDURES

a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at 3 meter chamber room for test. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The height of antenna is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. Perform a field strength measurement and record the worse read value, is the field strength value via a spectrum reading obtained corrected for antenna factor, cable loss and pre-amplifier factor and then mathematically convert the measured field strength level to EIRP level.

e. Follow ANSI 63.10 and KDB 412172 D01 v01r01, EIRP Value (dBm) = Field Strength Value (dBμV/m) + Correction Factor @ 3m.

f. Correction Factor (dB) @ 3m = 20log(D) − 104.7; where D is the measurement distance @3m=-95.23dB

Note: Spectrum analyzer setting as below:

Method SA-2

1. Set span to encompass the entire emission bandwidth (EBW) of the signal.
2. Set RBW = 1 MHz, Set VBW ≥ 3 MHz, Detector = RMS
3. Sweep time = auto, trigger set to “free run” .
4. Trace average at least 100 traces in power averaging mode.
5. Record the max value and add 10 log (1/duty cycle)

3.6.5 DEVIATION FROM TEST STANDARD

No deviation.

3.6.6 EUT OPERATING CONDITIONS

Same as 3.3.6.

3.6.7 TEST RESULTS

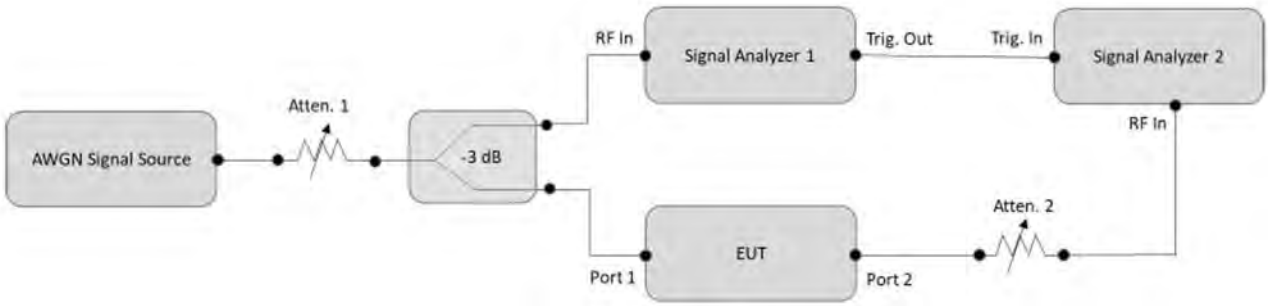
Please Refer to Appendix D Of this test report.

3.7 CONTENTION BASED PROTOCOL MEASUREMENT

3.7.1 LIMITS OF CONTENTION BASED PROTOCOL MEASUREMENT

Unlicensed indoor low-power devices must detect co-channel radio frequency power that is at least -62 dBm (The threshold is referenced to a 0 dBi antenna gain.) or lower. Additionally, indoor low-power devices must detect co-channel energy with 90% or greater certainty.

3.7.2 TEST SETUP



3.7.3 TEST INSTRUMENTS

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
EMI Test Receiver	R&S	ESW 44	101973	Feb.25,24	Feb.24,26
Open Switch and Control Unit	R&S	OSP-B157W8	100836	N/A	N/A
Vector Signal Generator	R&S	SMBV100B	102176	Feb.16,24	Feb.15,26
Signal Generator	R&S	SMB100A03	182185	Feb.16,24	Feb.15,26
Wideband Radio Communication	R&S	CMW500	169399	Jun.26,22	Jun.25,24
Wideband Radio Communication	R&S	CMW500	169399	Jun.25,24	Jun.24,26
Hygrothermograph	DELI	20210528	SZ015	Sep.06,22	Sep.05,24
PC	LENOVO	E14	HRSW0024	N/A	N/A
Test Software	EMC32	EMC32	N/A	N/A	N/A
Temperature Chamber	votsch	VT4002	58566078100050	May.31,24	May.30,26

3.7.4 TEST PROCEDURE

a. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
b. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters (set as following section 4.7.5 EUT operating condition).
c. Determine number of times detection threshold test as following table,

If	Number of Tests	Placement of Incumbent Transmission
$BW_{EUT} \leqq BW_{Inc}$	Once	Same as EUT transmission
$BW_{Inc} < BW_{EUT} \leqq 2xBW_{Inc}$	Once	Contained within BW_{EUT}
$2xBW_{Inc} < BW_{EUT} \leqq 4xBW_{Inc}$	Twice. (Incumbent transmission is contained within BW_{EUT})	Closely to the lower edge and upper edge of the EUT Channel
$BW_{EUT} > 4xBW_{Inc}$	Three times	Closely to the lower edge ,in the middle and upper edge of the EUT Channel

d. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use step c table to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
e. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
f. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
g. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
h. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
i. Refer to step c table to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step d, choose a different center frequency for the AWGN signal and repeat the process.

3.7.5 EUT OPERATING CONDITION

Set the EUT to transmit with a constant duty cycle and relative operating parameters which including power level, operating frequency,modulation and bandwidth.

3.7.6 TEST RESULTS

Please Refer to Appendix D Of this test report.

3.8 ANTENNA REQUIREMENTS

3.8.1 STANDARD APPLICABLE

If transmitting antenna directional gain is greater than 6 dBi, both the peak transmit power and the peak power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

3.8.2 ANTENNA CONNECTED CONSTRUCTION

An embedded-in antenna design is used.

3.8.3 ANTENNA GAIN

According to FCC KDB 662911 D01 Multiple Transmitter Output v02r01
For EUT in CDD transmissions, directional gain is calculated as equation:
Directional gain=GANT +Array Gain

(1) For power measurements on IEEE 802.11 devices,Array Gain = 0 dB for NANT≤ 4;
so equation as below:

Directional Gain = Max.Gain + Array Gain=-4dBi+0 dB=-4dBi

(2) For power spectral density (PSD) measurements on all devices,
Array Gain= 10 log(NANT/ Nss) dB; Nss=1,so equation as below:
Directional Gain = Max.Gain + Array Gain=-4dBi+10*log(2/1)= -4dBi+3.01 dB= -0.99

Calculate detailed antenna information table

	Band	Ant 8 (dBi)	Ant 11 (dBi)	DG For Power (dBi)	DG For PSD (dBi)	Power Limit Reduction (dB)	PSD Limit Reduction (dB)
6GHz	U-NII 5	-4	-4	-4	-0.99	0	0
	U-NII 6	-4	-4	-4	-0.99	0	0
	U-NII 7	-4	-4	-4	-0.99	0	0
	U-NII 8	-4	-4	-4	-0.99	0	0

NOTE :DG= directional gain,
if Power Limit Reduction = DG For Power Gain -6dBi<0, Power Limit Reduction=0;
if PSD Limit Reduction = DG For PSD – 6dBi<0, PSDLimit Reduction=0

4 PICTURES OF TEST ARRANGEMENTS

Please refer to the attached file (Test Setup Photo).

5 MODIFICATIONS RECORDERS FOR ENGINEERING CHANGES TO THE EUT BY THE LAB

No any modifications were made to the EUT by the lab during the test.

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