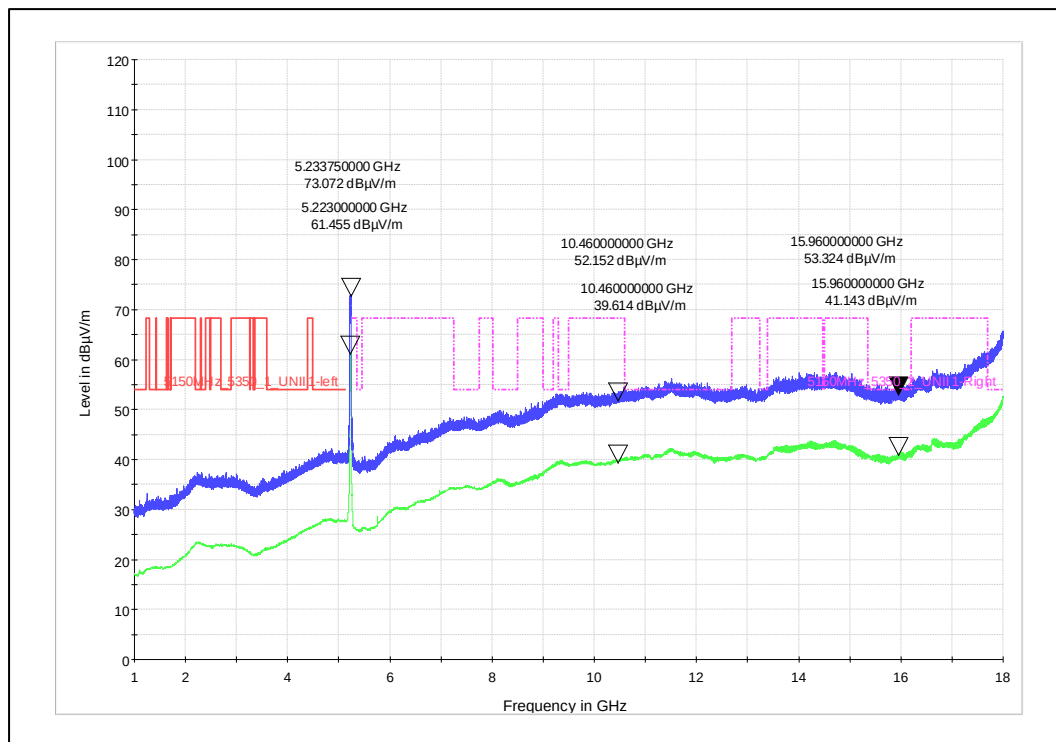
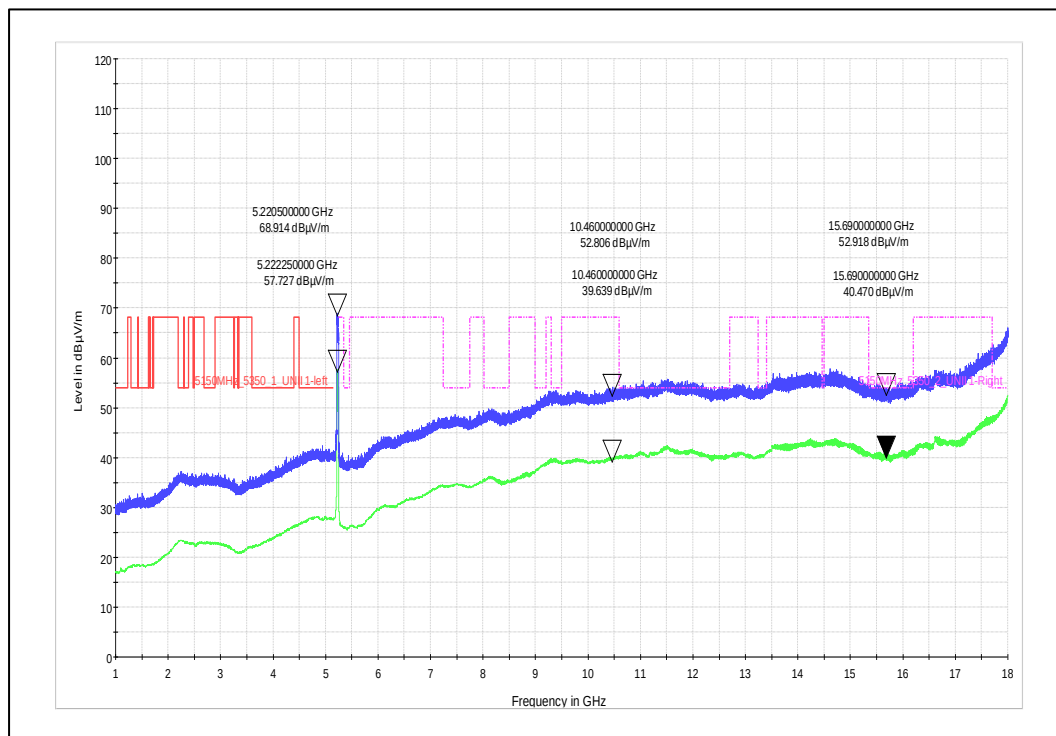


Channel Frequency-5230MHz_Vertical Polarization



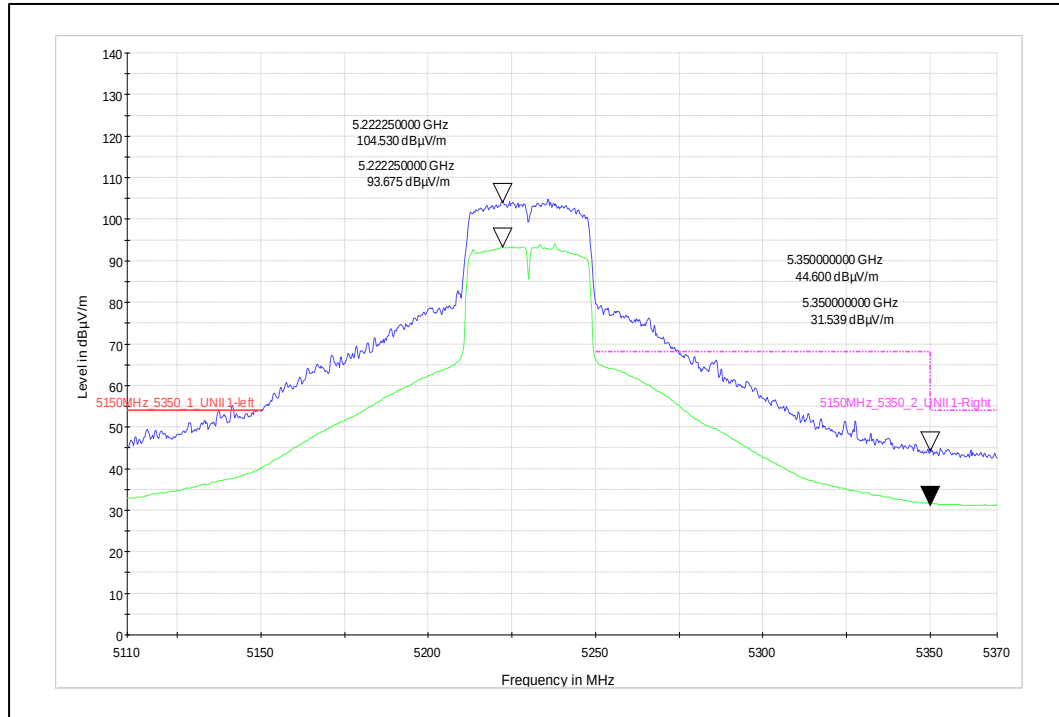
Channel Frequency-5230MHz_Horizontal Polarization



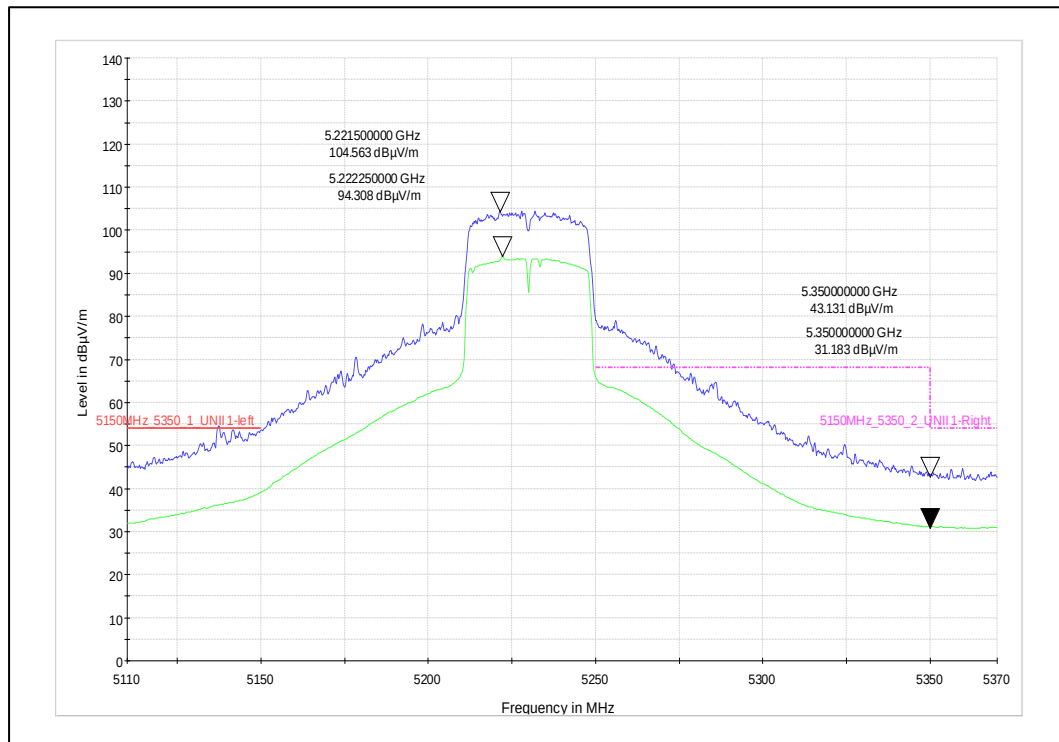
Modulation: 802.11ac_VHT40

Data Rate : MCS0

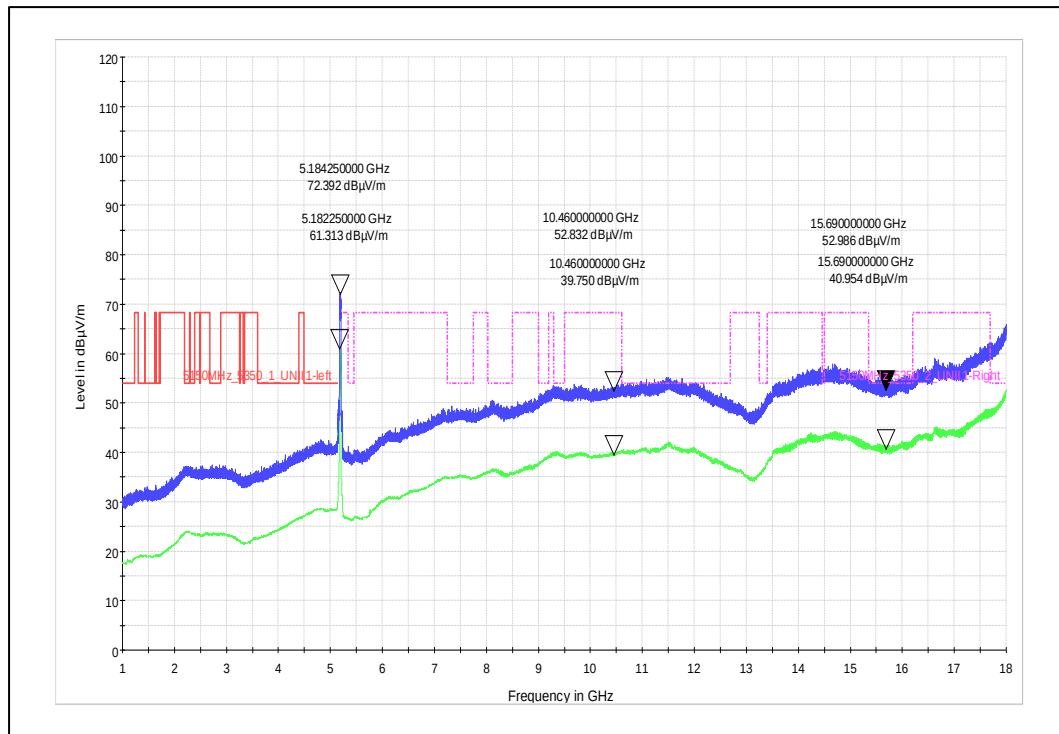
Channel Frequency-5230MHz_Vertical Polarization



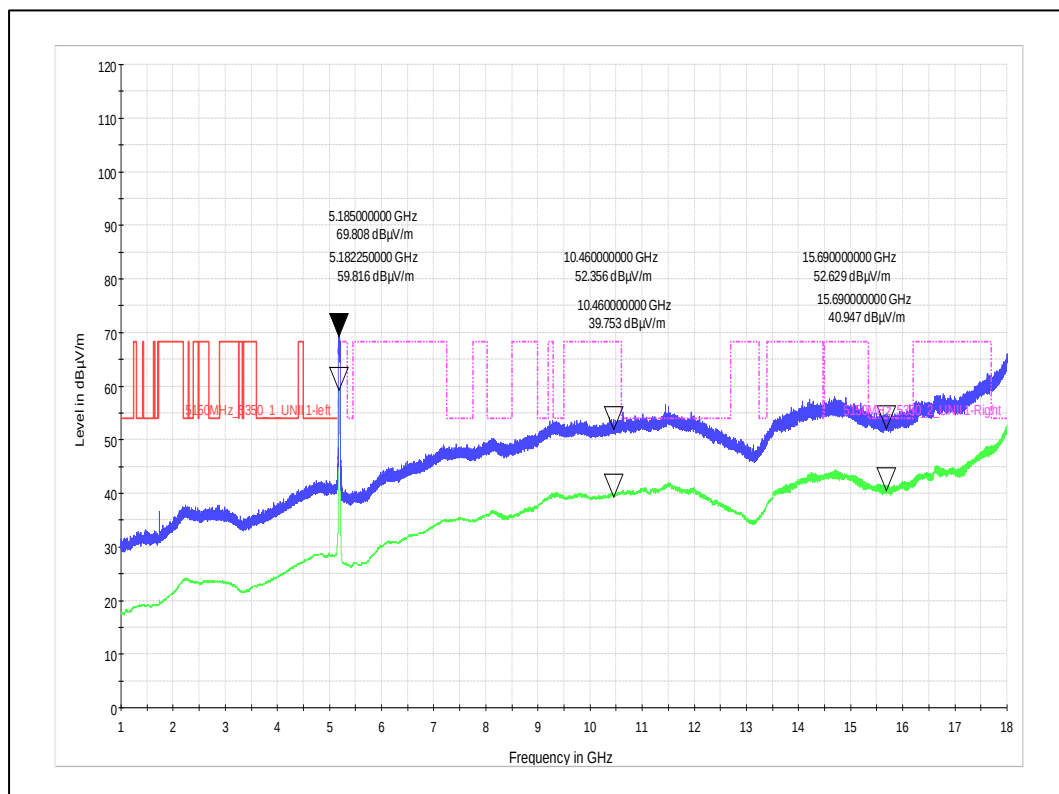
Channel Frequency-5230MHz_Horizontal Polarization



Channel Frequency-5230MHz_Vertical Polarization



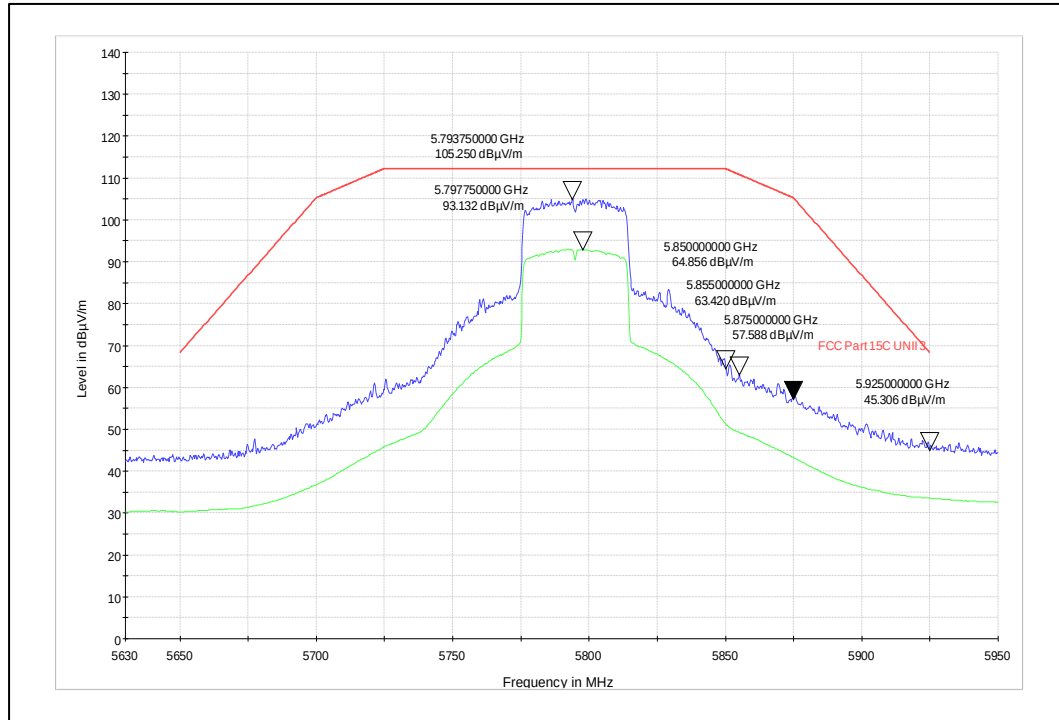
Channel Frequency-5230MHz_Horizontal Polarization



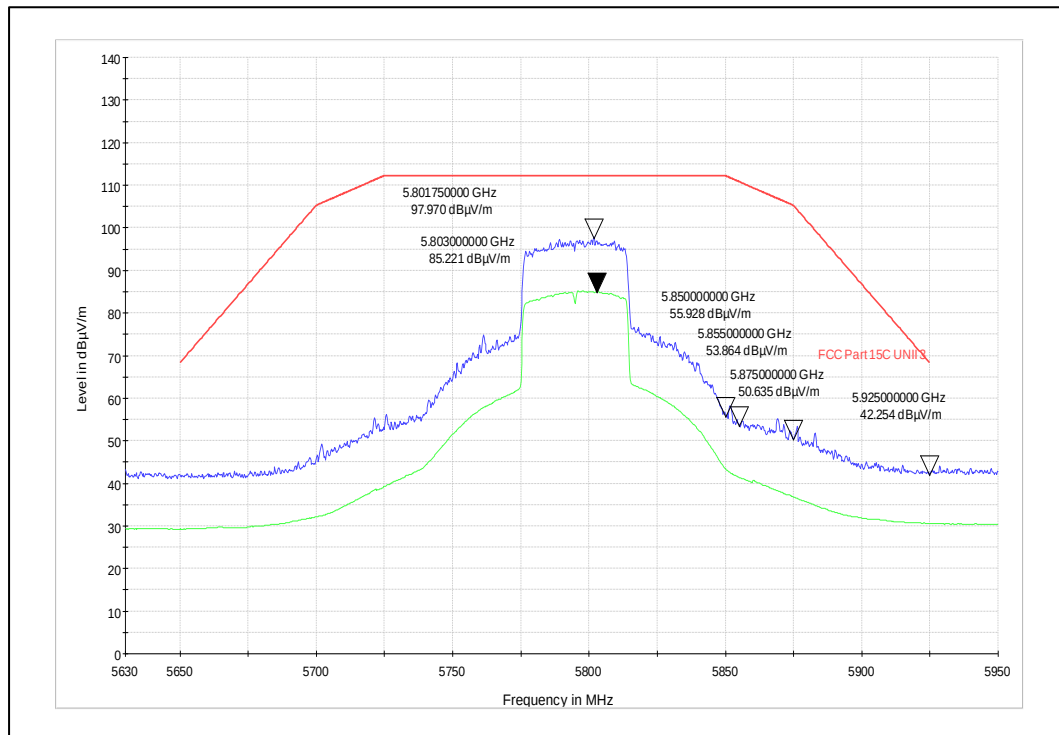
Modulation: 802.11aX_HE40

Data Rate : MCS0

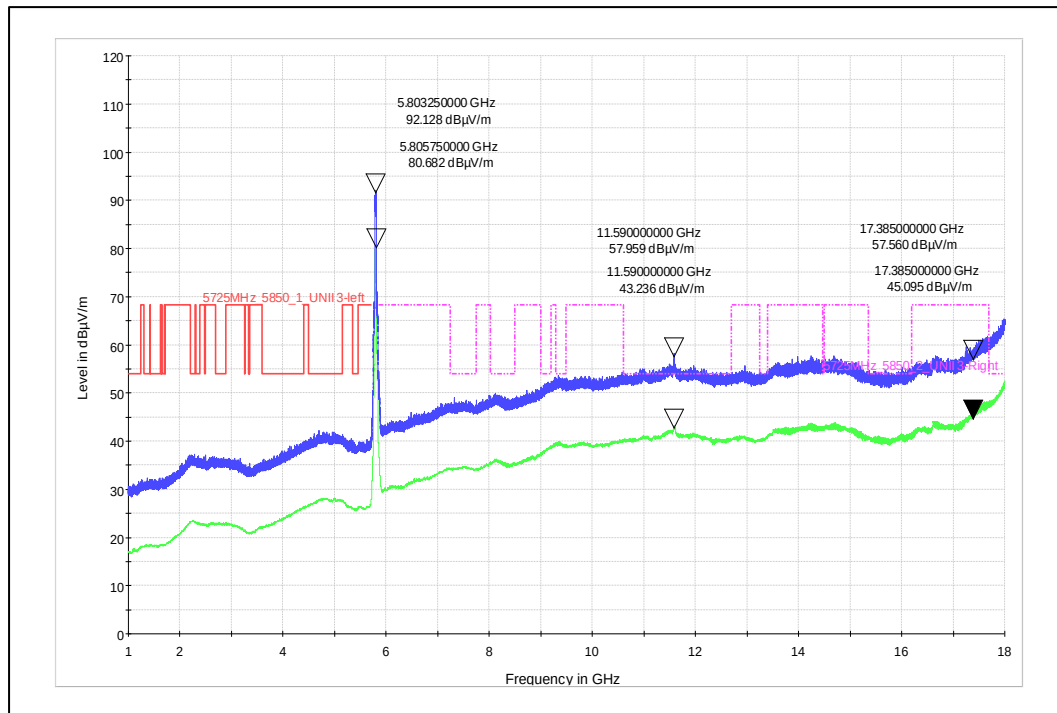
Channel Frequency-5795MHz_Vertical Polarization



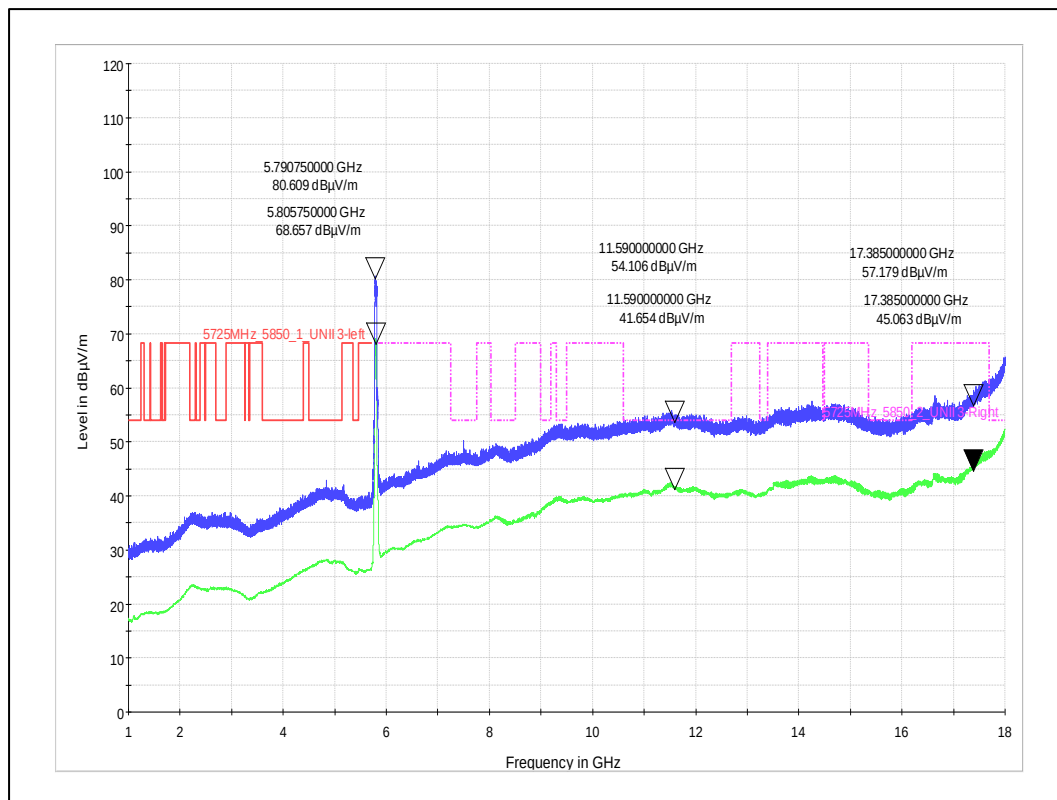
Channel Frequency-5795MHz_Horizontal Polarization



Channel Frequency-5795MHz_Vertical Polarization



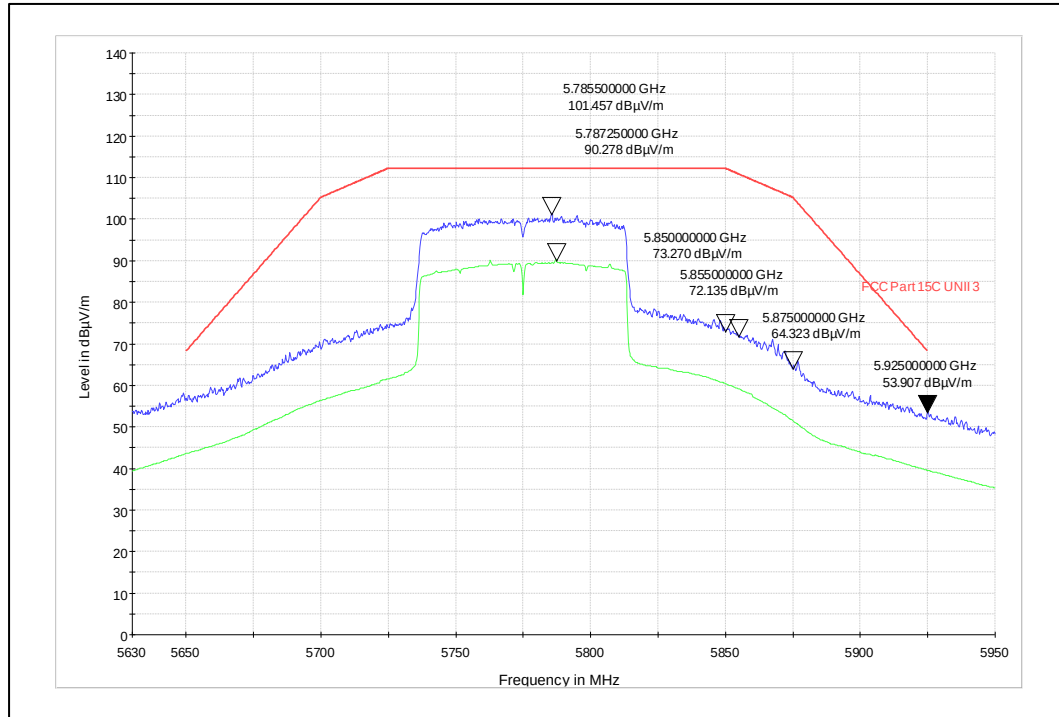
Channel Frequency-5795MHz_Horizontal Polarization



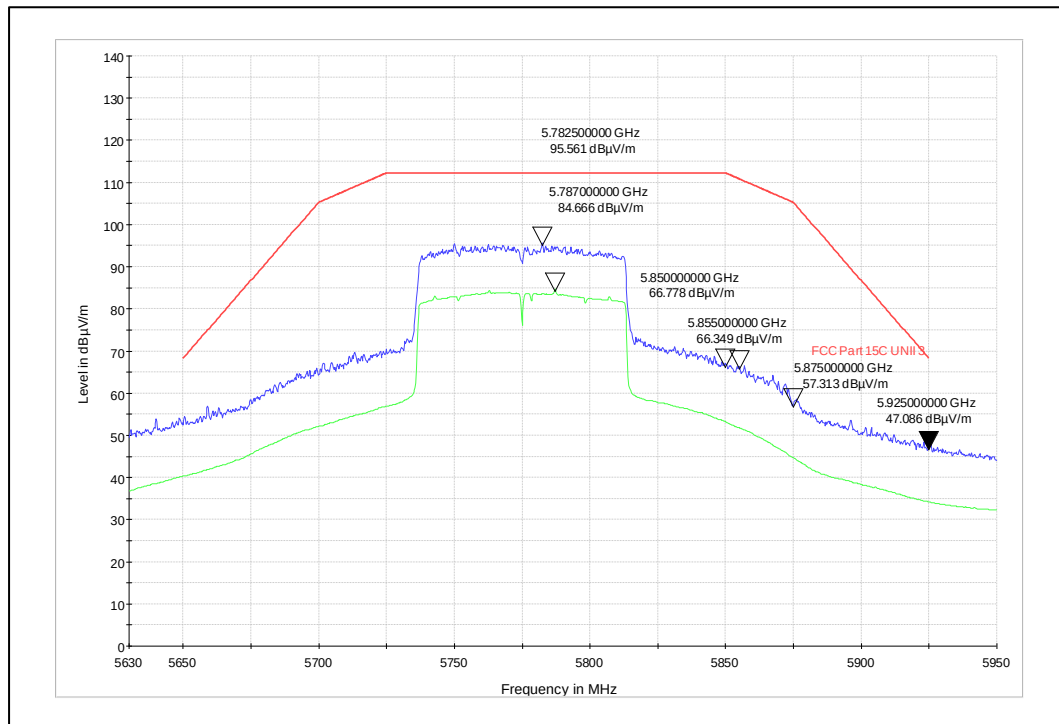
Modulation: 802.11ac_VHT 80

Data Rate : MCS0

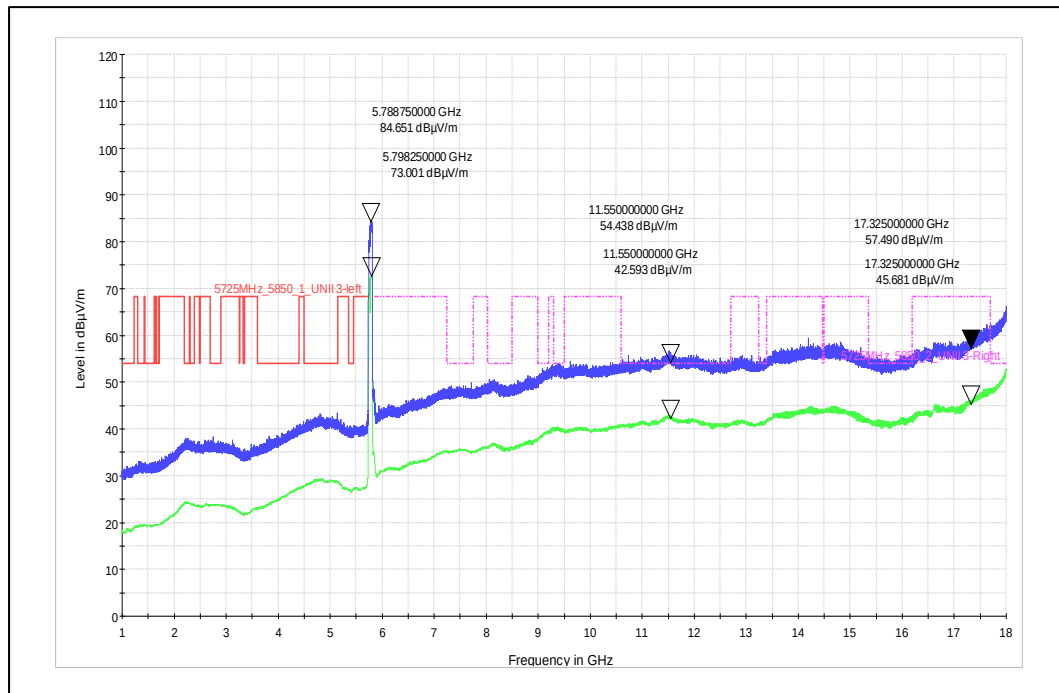
Channel Frequency_5775MHz_Vertical Polarization



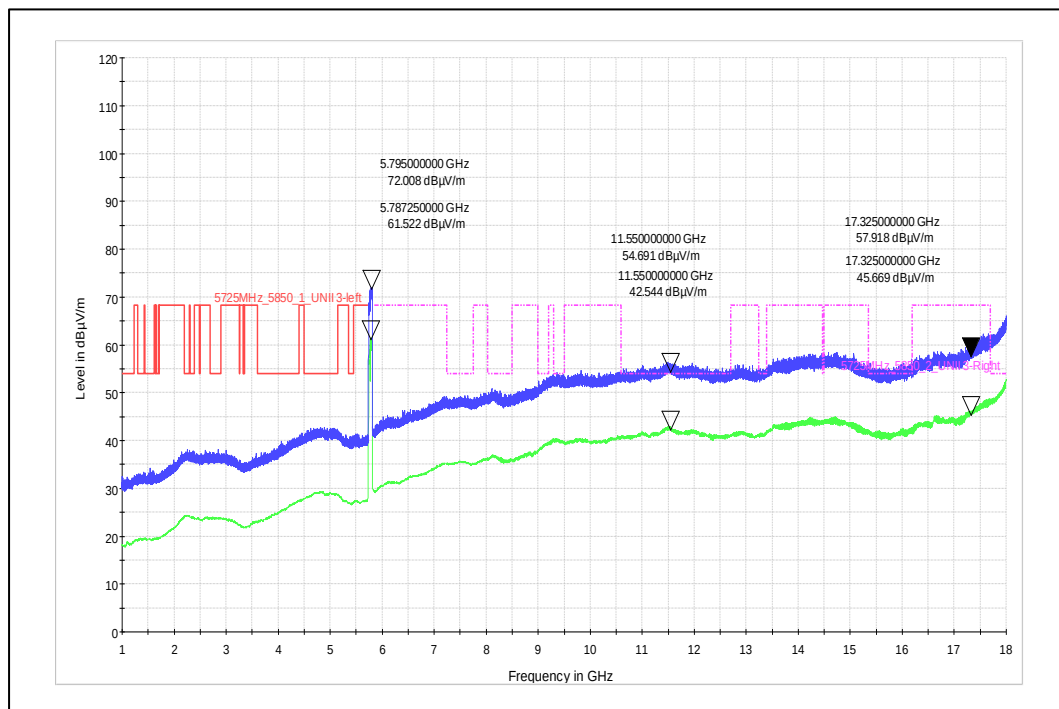
Channel Frequency_5775MHz_Horizontal Polarization



Channel Frequency_5775MHz_Vertical Polarization



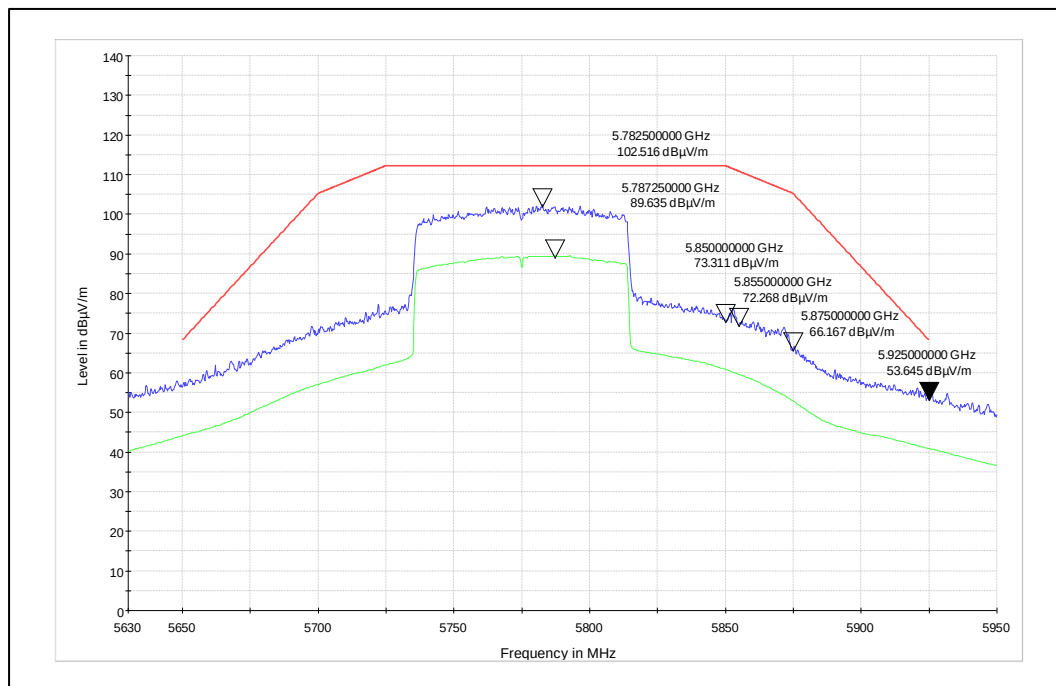
Channel Frequency_5775MHz_Horizontal Polarization



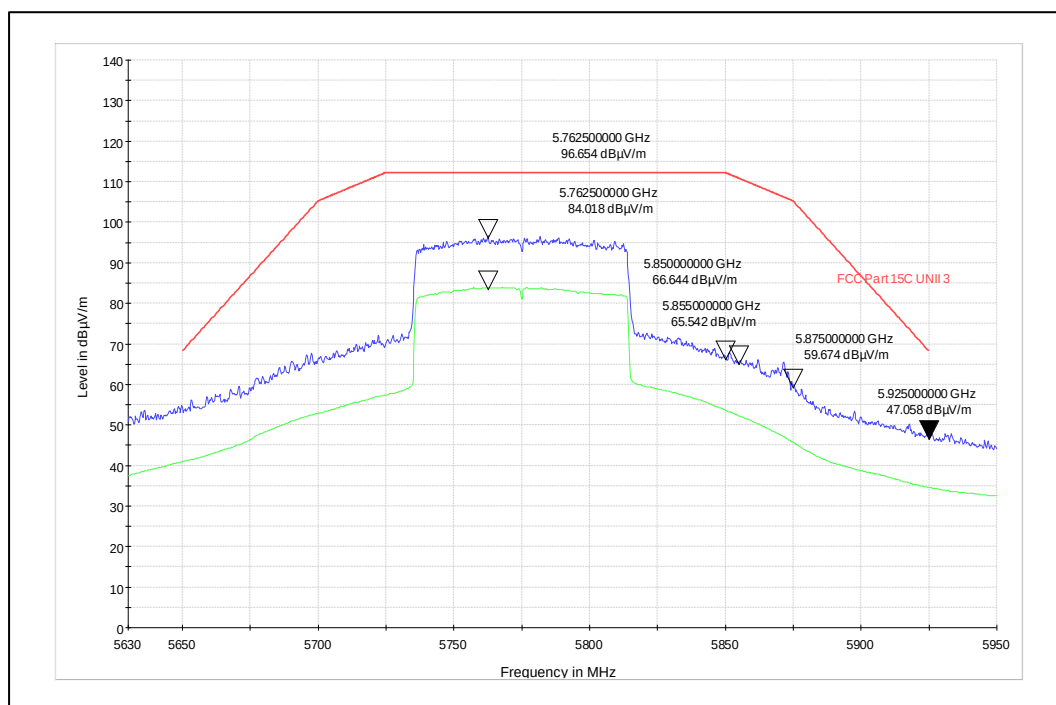
Modulation: 802.11ax_HE 80

Data Rate : MCS0

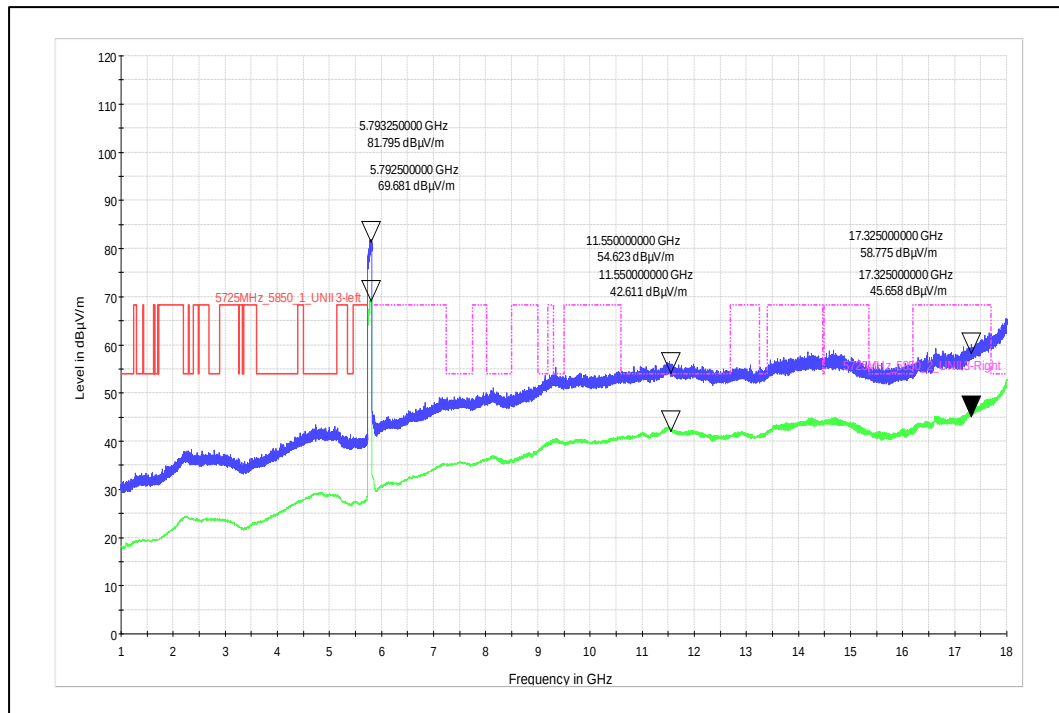
Channel Frequency_5755MHz_Vertical Polarization



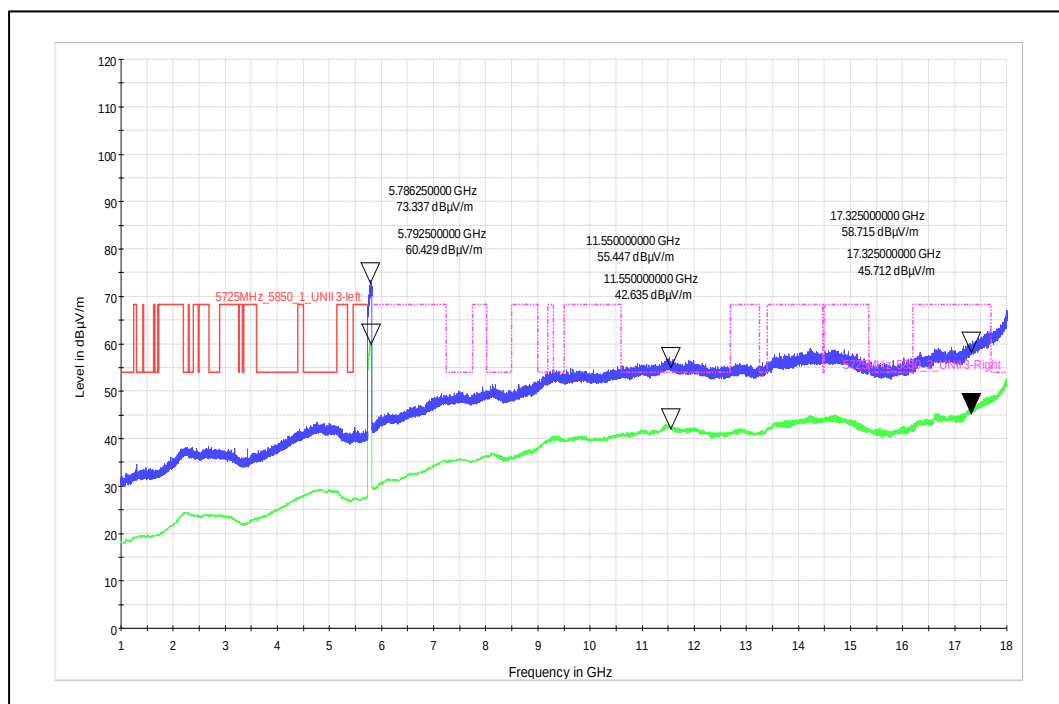
Channel Frequency_5755MHz_Horizontal Polarization



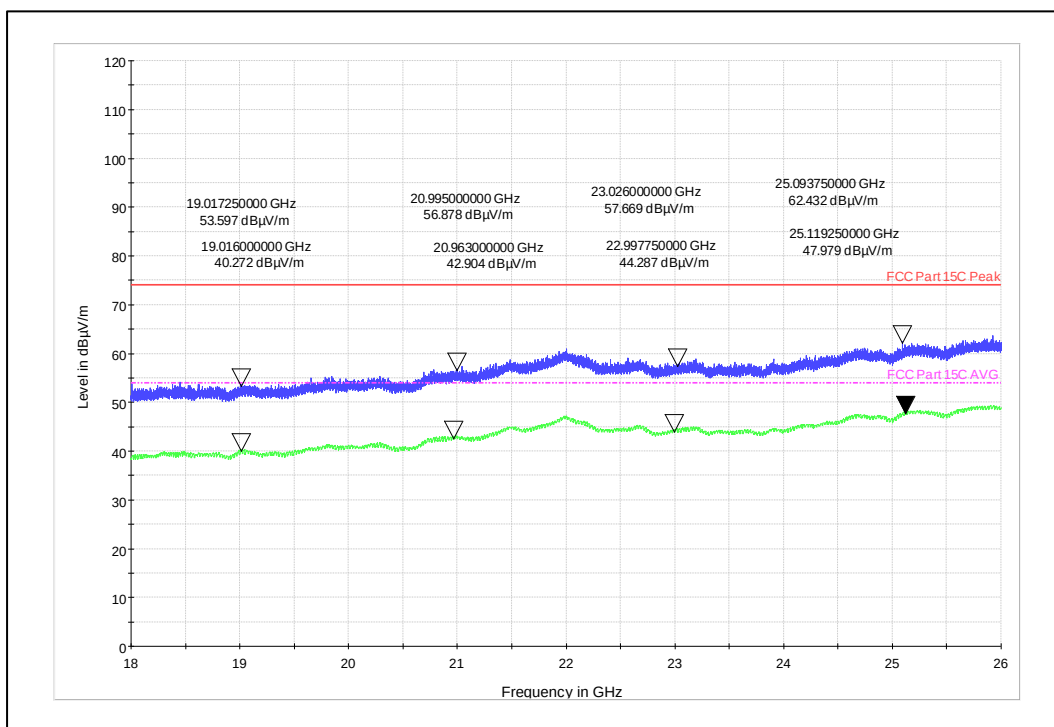
Channel Frequency_5775MHz_Vertical Polarization



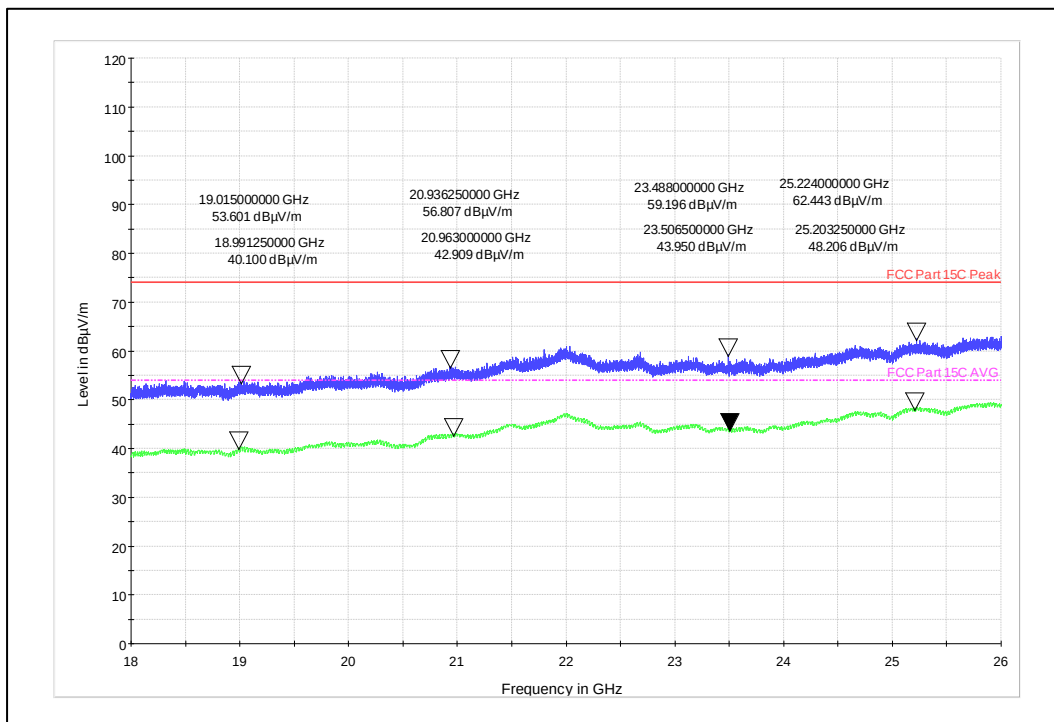
Channel Frequency_5775MHz_Horizontal Polarization



Channel Frequency_5775MHz_Vertical Polarization



Channel Frequency_5775MHz_Horizontal Polarization



8 Frequency Stability

Result

Pass

Test Specification

FCC part 15 Subpart C 15.407 (g)

Test Method

Subclause 6.8.1 of ANSI C63.10

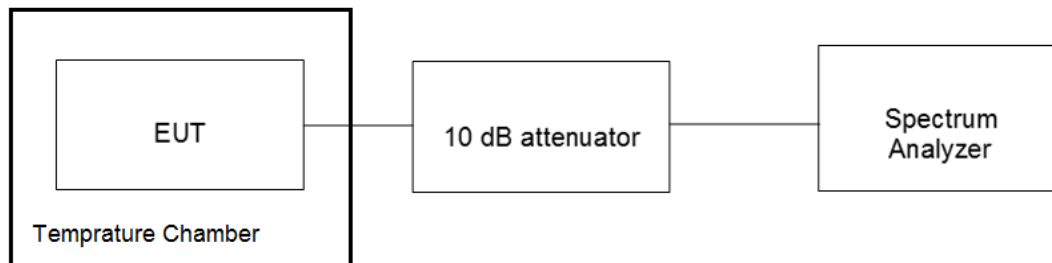
Port of testing

Antenna port

Requirement

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual

Test Method:



Test Condition:

Normal Test Condition:

Temperature (Norm) = + 25 °C

Voltage = 3.8V DC through AC to DC adaptor

Relative humidity: 62%

KDB Guidelines applied:

Measurements were made as per section 3 in KDB 789033 D02 General UNII Test Procedures New Rules v02r01

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Test results:

Channel Bandwidth (MHz)	Channel Frequency (MHz)	Temperature (°C)	Frequency deviation for different time interval (MHz)				Limit
			0Min	2Min	5Min	10Min	
20	5180	-20	-1.23	2.16	1.50	1.70	Emission drift measured are maintained within the authorised band
		25	-1.03	-1.27	-0.95	-1.45	
		50	1.07	-2.66	-0.93	-0.93	
	5240	-20	-2.69	1.24	-0.99	2.10	
		25	-2.68	-0.97	-0.83	-0.83	
		50	-1.77	2.18	-0.94	-0.94	
	5745	-20	-2.71	1.52	1.47	2.14	
		25	-1.72	-1.45	-1.45	-1.45	
		50	-1.39	-1.00	-1.08	-1.00	
	5825	-20	-0.98	-0.87	1.03	-1.04	
		25	-1.72	-1.78	-1.36	1.49	
		50	-1.38	-0.89	-0.99	1.06	
40	5190	-20	2.98	3.23	-4.05	-4.05	
		25	2.68	-1.97	-8.28	-4.22	
		50	-8.10	0.00	2.97	2.97	
	5230	-20	-4.04	-4.51	-4.51	-4.41	
		25	-5.93	-2.22	6.84	6.84	
		50	4.22	5.29	5.17	5.11	
	5755	-20	-4.24	-5.46	-5.81	-3.94	
		25	8.54	7.29	7.29	7.37	
		50	3.38	-3.95	-3.95	-3.95	
	5795	-20	5.27	3.74	3.19	5.06	
		25	6.04	-5.23	3.58	6.84	
		50	-3.86	-4.05	-2.19	5.03	
80MHz	5210	-20	5.73	14.21	14.21	-7.11	
		25	14.77	17.27	1.76	-10.76	
		50	5.87	8.64	5.96	-1.74	
	5775	-20	-6.50	4.63	9.01	6.08	
		25	-13.56	-2.63	-13.21	-2.15	
		50	-1.71	-1.85	-1.71	-5.95	

9 Conducted Spurious Emission test on AC Power Line

Result

Pass

Test Specification : FCC Part 15 Section 15.207 / RSS Gen Issue 5 Section 8.8
Test Method : ANSI C 63.10-2013
Testing Location : Screened room
Measurement Bandwidth : 9kHz
Frequency Range : 150kHz – 30MHz
Supply Voltage : 110VAC,60Hz
Test Method : Refer TEST METHODOLOGY

***Note: The product has tested with AC to DC adapter and Wireless Qi charger**

Limits of section 15.207

Frequency of emission (MHz)	QP Limit (dBμV)	AV Limit (dBμV/m)
0.15 – 0.5	66 – 56*	56 – 46*
0.5 – 5	56	46
5 – 30	60	50

* Decreases with the logarithm of the frequency

Test Conditions:

Normal Temperature = +24°C Voltage (V norm) = 110V AC (Through AC to DC Adapter) RH = 64 %

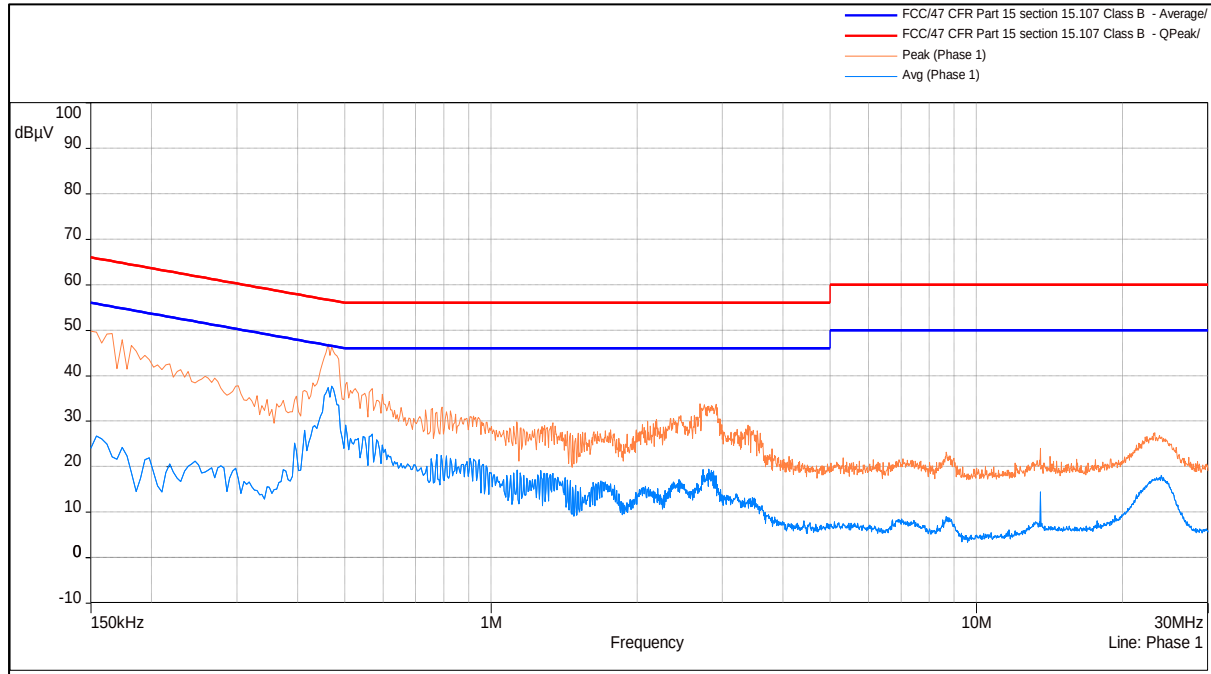
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Test result:

Power: 110V 60HZ_LINE



Line Graph

Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Comments
0.46685	44.92	56.58	-11.67	Quasipeak	Pass
0.56415	33.58	56.00	-22.42	Quasipeak	Pass
0.1518	41.22	66.00	-24.78	Quasipeak	Pass
2.8239	29.26	56.00	-26.74	Quasipeak	Pass
0.1809	36.98	64.39	-27.42	Quasipeak	Pass
0.783	28.18	56.00	-27.82	Quasipeak	Pass
0.2881	28.18	60.52	-32.35	Quasipeak	Pass
0.46685	37.03	46.58	-9.56	Average	Pass
0.56415	25.50	46.00	-20.50	Average	Pass
0.783	18.87	46.00	-27.13	Average	Pass
2.8239	17.07	46.00	-28.93	Average	Pass
0.1518	25.88	56.00	-30.12	Average	Pass
0.2881	18.06	50.52	-32.46	Average	Pass
0.1809	20.34	54.39	-34.05	Average	Pass

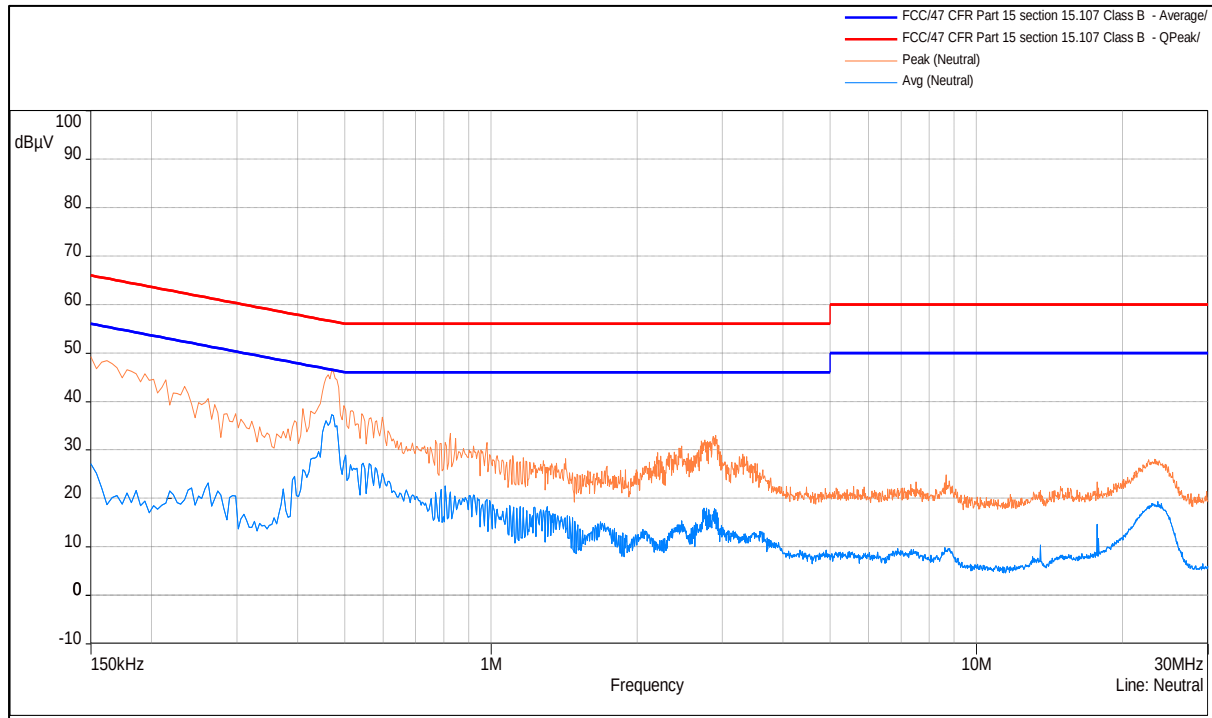
Line Table

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Power: 110V60HZ_NEUTRAL



Neutral Graph

Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Comments
0.4668	44.38	56.58	-12.21	Quasipeak	Pass
0.5629	33.11	56.00	-22.89	Quasipeak	Pass
0.4003	32.48	57.81	-25.33	Quasipeak	Pass
2.8783	27.9	56.00	-28.10	Quasipeak	Pass
0.82625	27.42	56.00	-28.58	Quasipeak	Pass
0.244	32.95	61.89	-28.94	Quasipeak	Pass
1.1599	22.9	56.00	-33.10	Quasipeak	Pass
1.31005	22.41	56.00	-33.59	Quasipeak	Pass
0.4668	36.51	46.58	-10.07	Average	Pass
0.5629	25.46	46.00	-20.54	Average	Pass
0.4003	22.93	47.81	-24.88	Average	Pass
0.82625	18.59	46.00	-27.41	Average	Pass
0.244	22.13	51.89	-29.76	Average	Pass
1.31005	16.14	46.00	-29.86	Average	Pass
2.8783	14.83	46.00	-31.17	Average	Pass
1.1599	14.71	46.00	-31.29	Average	Pass

Neutral Table

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12 Power level used for testing

Channel Bandwidth (MHz)	Mode	Data rate (Mbps)	Channel Frequency (MHz)	Power level used for testing (dBm)
20MHz	a mode	6	5180	16.5
			5240	16.5
			5745	16.5
			5825	16.5
		54	5180	15.5
			5240	15.5
			5745	15.5
			5825	15.5
	n mode	MCS 0	5180	16.5
			5240	16.5
			5745	16.5
			5825	16.5
		MCS 7	5180	14.5
			5240	14.5
			5745	14.5
			5825	14.5
	ac mode	MCS 0	5180	16.5
			5240	16.5
			5745	16.5
			5825	16.5
		MCS 9	5180	13.5
			5240	13.5
			5745	13.5
			5825	13.5
	ax mode	MCS 0	5180	16.5
			5240	16.5
			5745	16.5
			5825	16.5
		MCS 11	5180	12.0
			5240	12.0
			5745	12.0
			5825	12.0
40MHz	n mode	MCS 0	5190	14.5
			5230	16.5
			5755	16.5
			5795	16.5
		MCS 7	5190	12.5
			5230	14.5
			5755	14.5
			5795	14.5
	ac mode	MCS 0	5190	13.5
			5230	16.5
			5755	16.5
			5795	16.5
		MCS 9	5190	13.5
			5230	13.5
			5755	13.5
			5795	13.5
	ax mode	MCS 0	5190	13.5
			5230	16.5
			5755	16.5
			5795	16.5
		MCS 11	5190	12.0
			5230	12.0
			5755	12.0
			5795	12.0

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Channel Bandwidth (MHz)	Mode	Data rate (Mbps)	Channel Frequency (MHz)	Power level used for testing (dBm)
80MHz	ac mode	MCS 0	5210	14.5
			5775	16.5
		MCS 9	5210	12.0
			5775	12.0
	ax mode	MCS 0	5210	14.5
			5775	16.5
		MCS 11	5210	12.0
			5775	12.0

*****END OF TEST REPORT*****