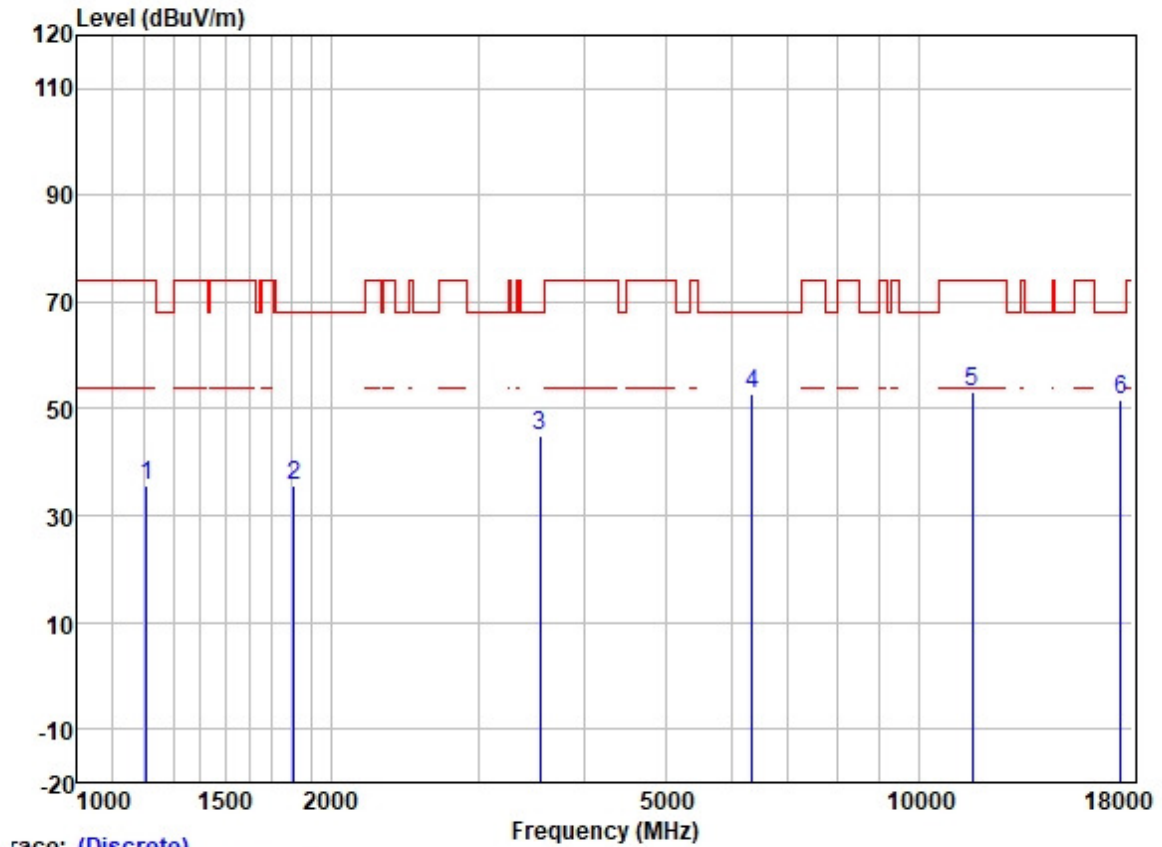
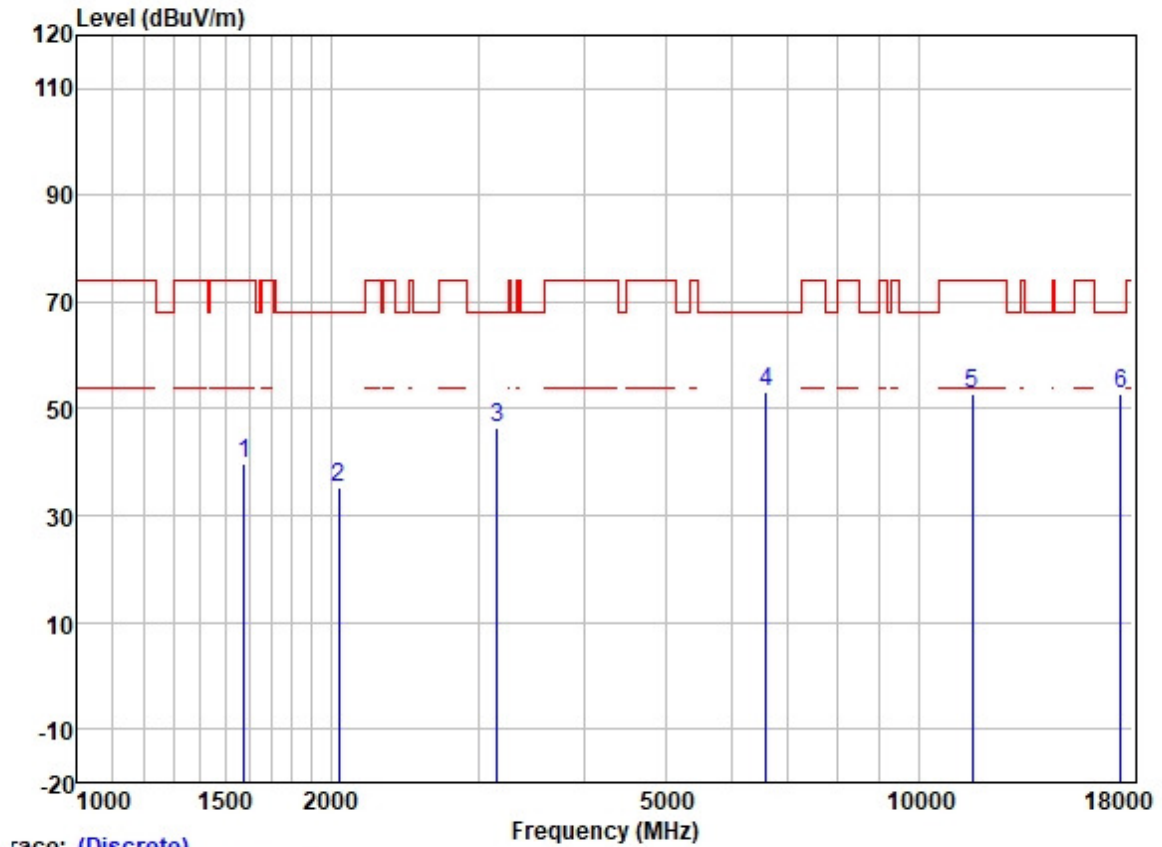


Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



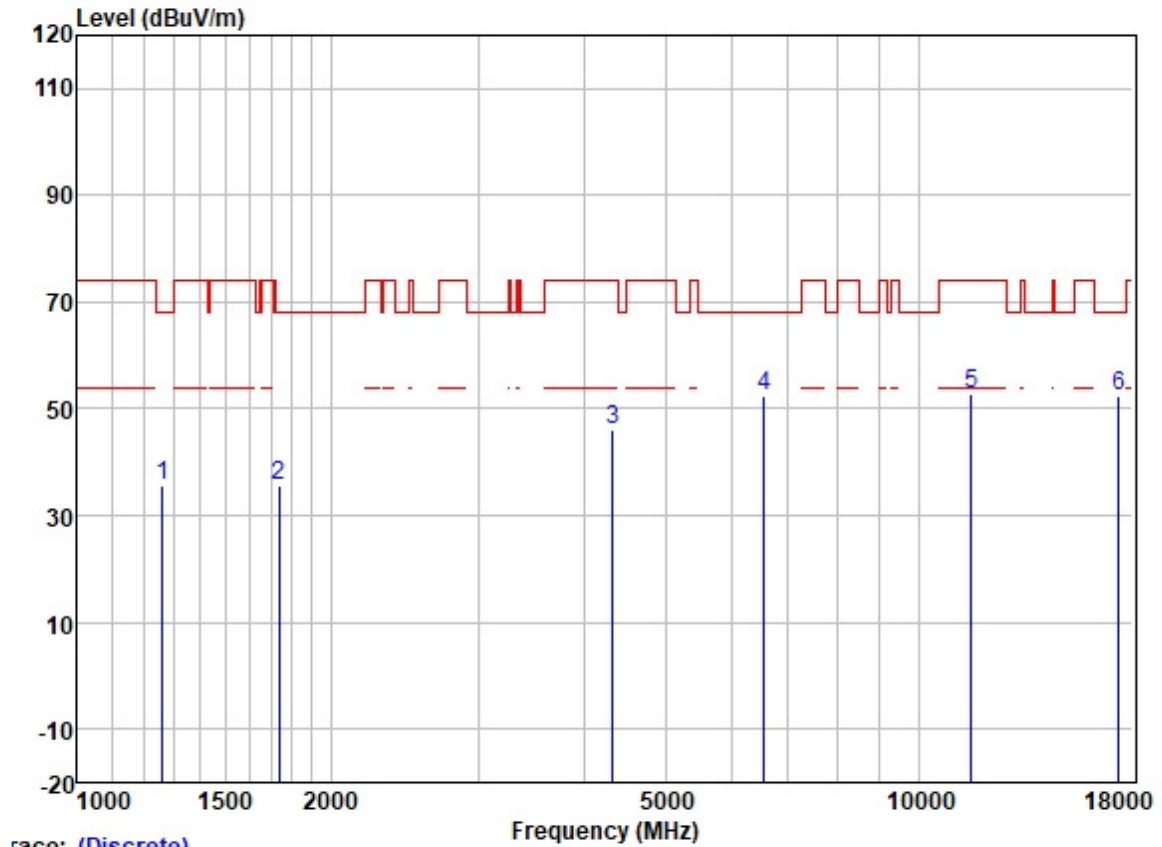
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1209.420	46.88	24.74	2.33	38.39	35.56	74.00	-38.44	HORIZONTAL	Peak
2	1811.629	44.39	25.96	2.99	37.81	35.53	68.20	-32.67	HORIZONTAL	Peak
3	3552.490	48.35	28.98	4.44	36.92	44.85	68.20	-23.35	HORIZONTAL	Peak
4	6343.450	50.35	33.57	5.94	36.97	52.89	68.20	-15.31	HORIZONTAL	Peak
5	11590.000	42.27	39.72	8.37	37.14	53.22	74.00	-20.78	HORIZONTAL	Peak
6	17385.000	33.00	43.57	10.53	35.32	51.78	68.20	-16.42	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



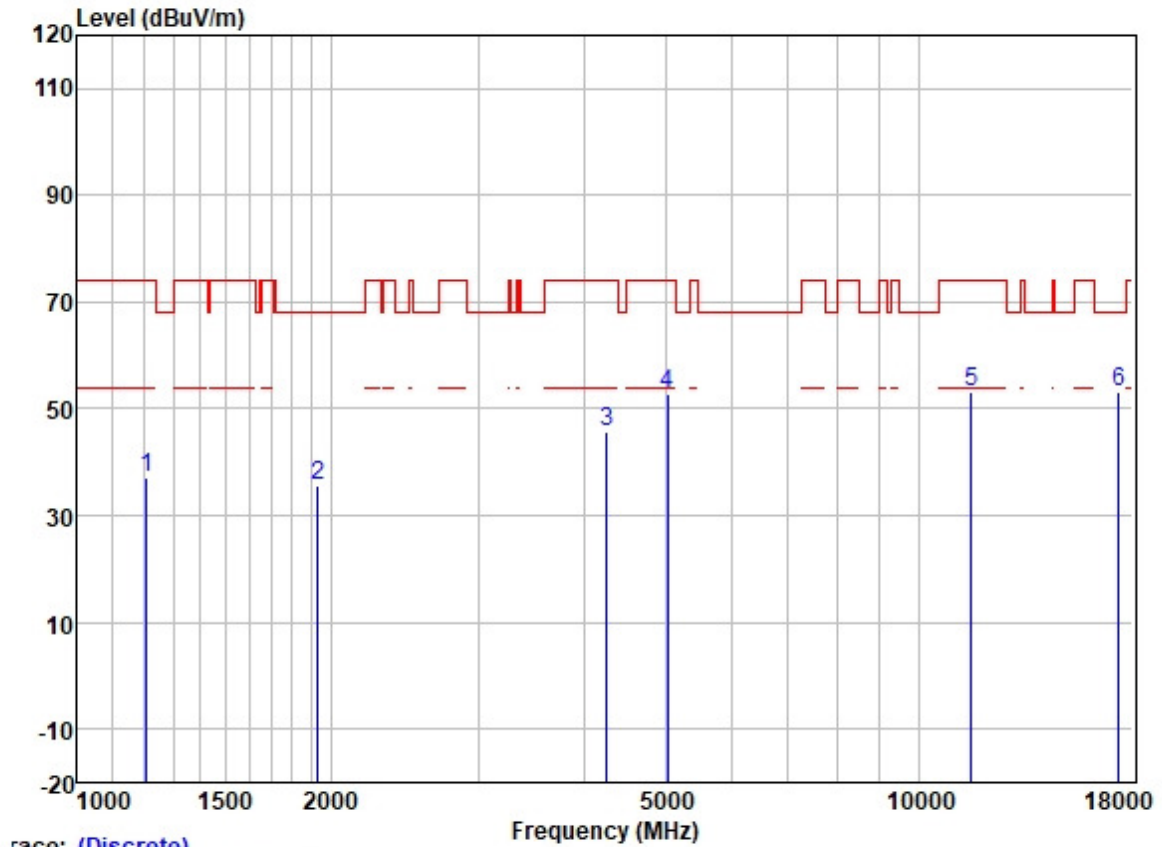
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1578.673	49.44	25.56	2.80	38.00	39.80	74.00	-34.20	VERTICAL	Peak
2	2046.138	43.79	26.18	3.12	37.69	35.40	68.20	-32.80	VERTICAL	Peak
3	3151.753	51.24	28.52	3.96	37.12	46.60	68.20	-21.60	VERTICAL	Peak
4	6588.130	50.26	34.13	5.84	37.04	53.19	68.20	-15.01	VERTICAL	Peak
5	11590.000	41.77	39.72	8.37	37.14	52.72	74.00	-21.28	VERTICAL	Peak
6	17385.000	34.18	43.57	10.53	35.32	52.96	68.20	-15.24	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



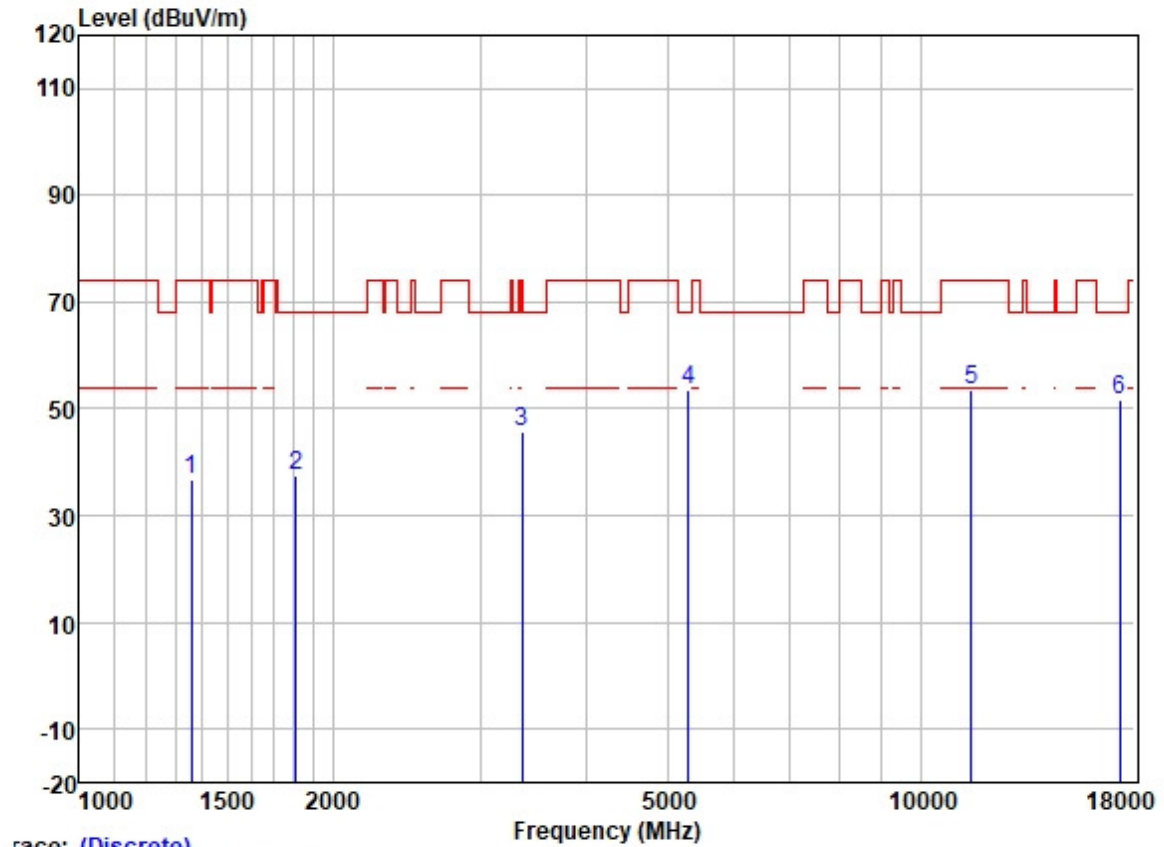
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1261.776	46.69	25.07	2.40	38.35	35.81	68.20	-32.39	HORIZONTAL	Peak
2	1734.803	44.84	25.82	2.86	37.87	35.65	68.20	-32.55	HORIZONTAL	Peak
3	4324.541	47.65	30.54	4.67	36.81	46.05	74.00	-27.95	HORIZONTAL	Peak
4	6560.920	49.70	34.09	5.84	37.03	52.60	68.20	-15.60	HORIZONTAL	Peak
5	11550.000	41.69	39.84	8.40	37.14	52.79	74.00	-21.21	HORIZONTAL	Peak
6	17325.000	34.02	43.40	10.39	35.32	52.49	68.20	-15.71	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



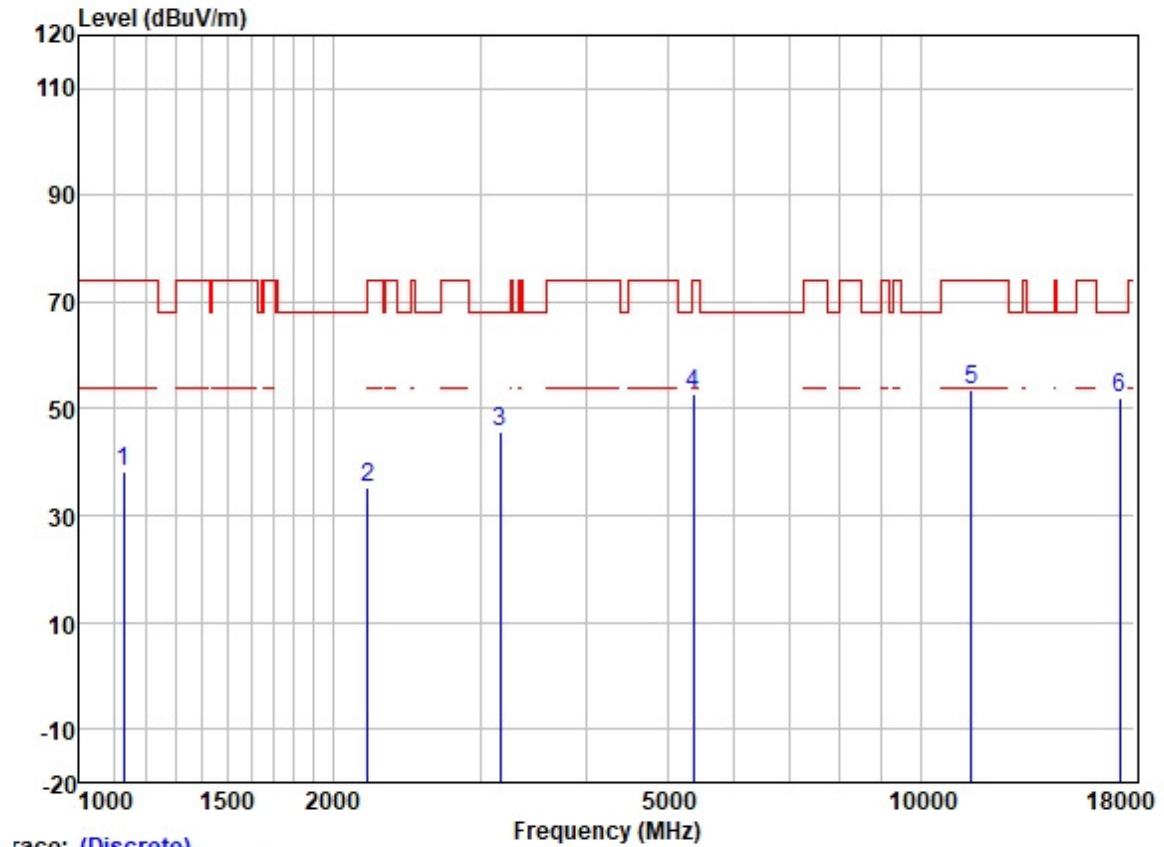
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1209.133	48.61	24.74	2.33	38.39	37.29	74.00	-36.71	VERTICAL	Peak
2	1930.873	44.25	26.06	2.96	37.74	35.53	68.20	-32.67	VERTICAL	Peak
3	4255.584	47.39	30.34	4.62	36.81	45.54	74.00	-28.46	VERTICAL	Peak
4	5036.170	52.13	31.70	5.69	36.85	52.67	74.00	-21.33	VERTICAL	Peak
5	11550.000	42.21	39.84	8.40	37.14	53.31	74.00	-20.69	VERTICAL	Peak
6	17325.000	34.59	43.40	10.39	35.32	53.06	68.20	-15.14	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



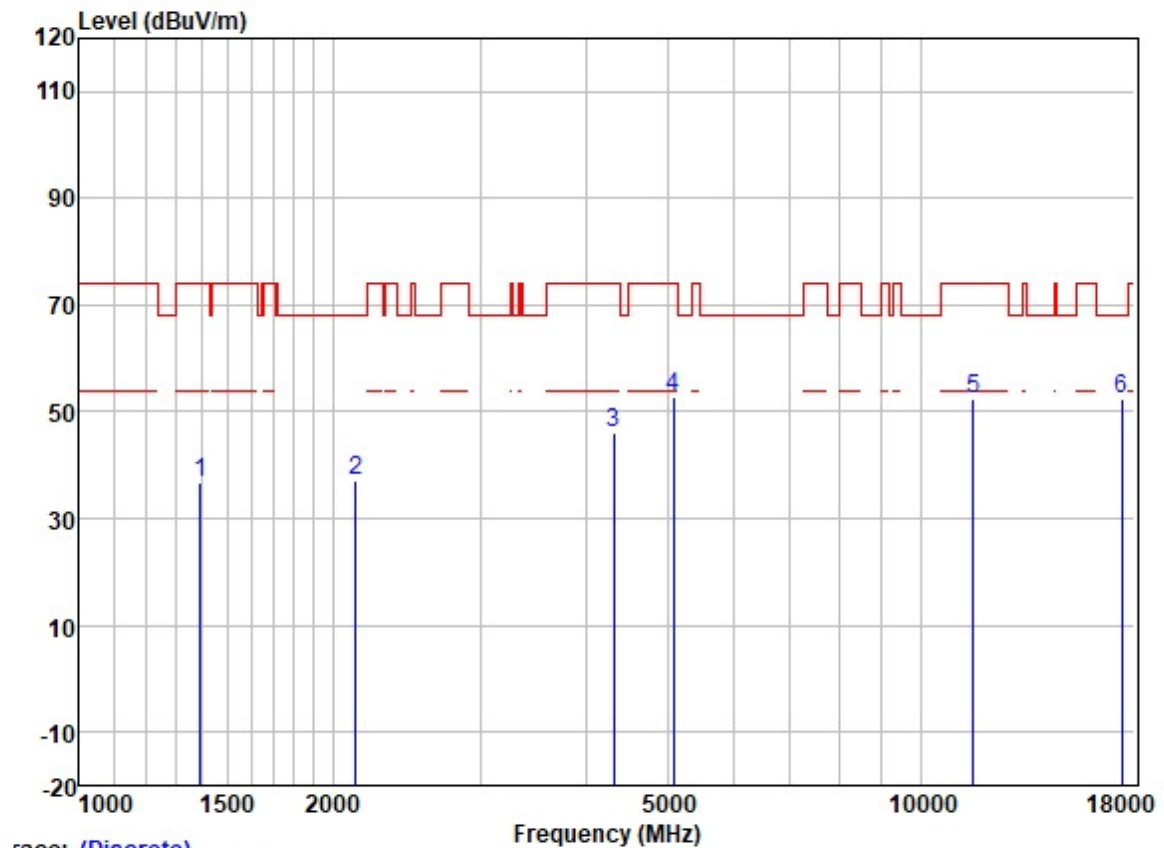
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1359.219	47.07	25.33	2.60	38.27	36.73	74.00	-37.27	HORIZONTAL	Peak
2	1811.159	46.19	25.95	2.99	37.81	37.32	68.20	-30.88	HORIZONTAL	Peak
3	3360.204	49.87	28.81	4.09	37.01	45.76	68.20	-22.44	HORIZONTAL	Peak
4	5295.898	52.37	31.76	6.10	36.87	53.36	68.20	-14.84	HORIZONTAL	Peak
5	11490.000	42.31	39.90	8.41	37.15	53.47	74.00	-20.53	HORIZONTAL	Peak
6	17235.000	33.98	43.01	10.08	35.33	51.74	68.20	-16.46	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



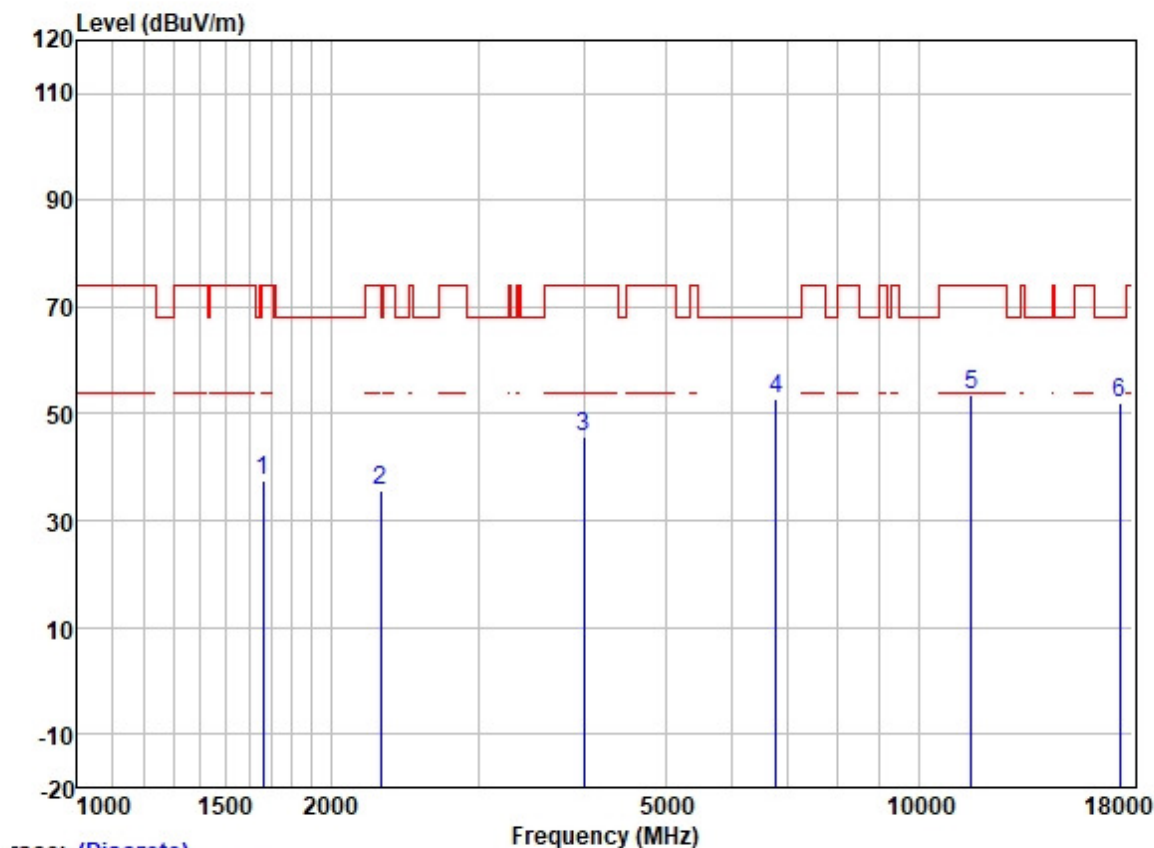
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1128.567	50.21	24.43	2.20	38.43	38.41	74.00	-35.59	VERTICAL	Peak
2	2199.333	43.26	26.62	3.20	37.65	35.43	68.20	-32.77	VERTICAL	Peak
3	3165.652	50.10	28.55	3.98	37.10	45.53	68.20	-22.67	VERTICAL	Peak
4	5367.039	51.95	31.78	6.03	36.88	52.88	74.00	-21.12	VERTICAL	Peak
5	11490.000	42.40	39.90	8.41	37.15	53.56	74.00	-20.44	VERTICAL	Peak
6	17235.000	34.18	43.01	10.08	35.33	51.94	68.20	-16.26	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



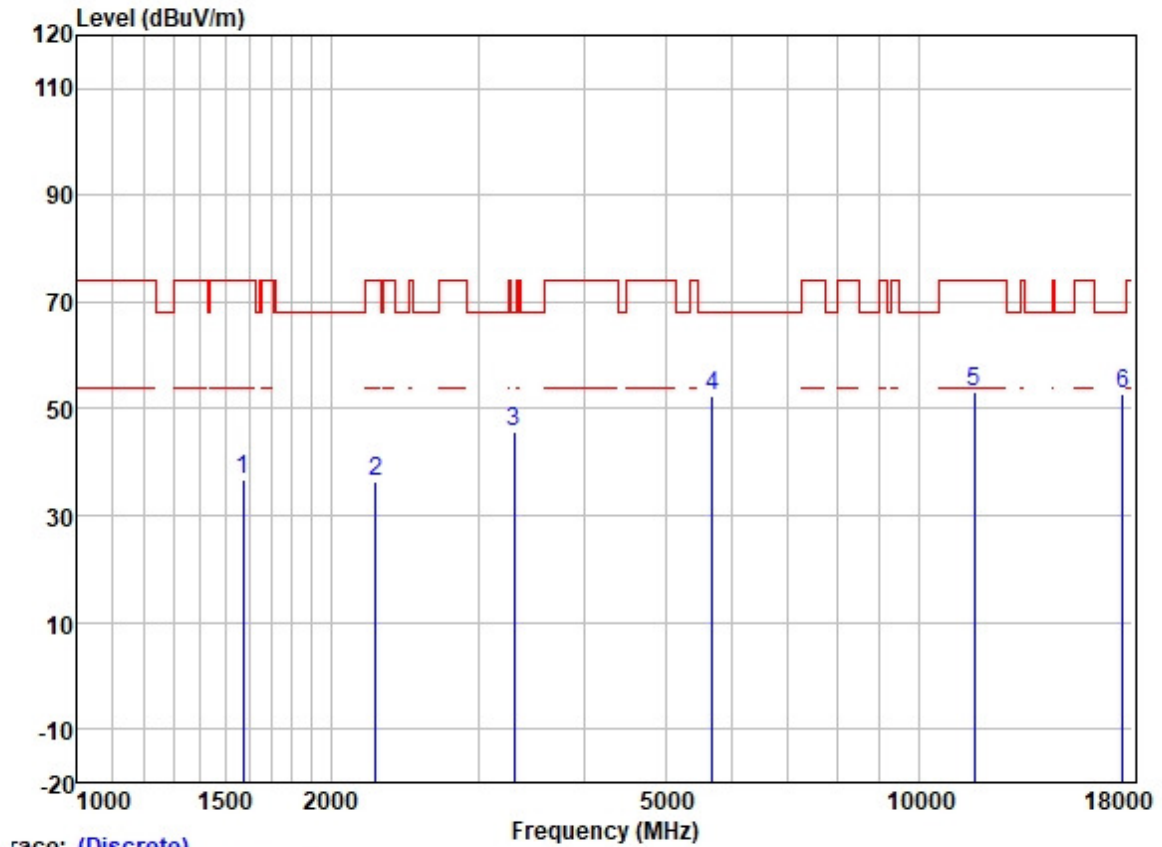
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1393.536	47.05	25.38	2.60	38.22	36.81	74.00	-37.19	HORIZONTAL	Peak
2	2129.491	45.23	26.37	3.17	37.67	37.10	68.20	-31.10	HORIZONTAL	Peak
3	4315.271	47.64	30.51	4.66	36.81	46.00	74.00	-28.00	HORIZONTAL	Peak
4	5091.985	52.42	31.71	5.66	36.86	52.93	74.00	-21.07	HORIZONTAL	Peak
5	11570.000	41.41	39.78	8.38	37.14	52.43	74.00	-21.57	HORIZONTAL	Peak
6	17355.000	33.77	43.40	10.39	35.32	52.24	68.20	-15.96	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1664.275	46.95	25.65	2.80	37.91	37.49	74.00	-36.51	VERTICAL	Peak
2	2290.797	42.74	27.08	3.30	37.62	35.50	74.00	-38.50	VERTICAL	Peak
3	4000.954	48.01	29.80	4.60	36.80	45.61	74.00	-28.39	VERTICAL	Peak
4	6770.639	49.56	34.61	5.82	37.11	52.88	68.20	-15.32	VERTICAL	Peak
5	11570.000	42.47	39.78	8.38	37.14	53.49	74.00	-20.51	VERTICAL	Peak
6	17355.000	33.67	43.40	10.39	35.32	52.14	68.20	-16.06	VERTICAL	Peak

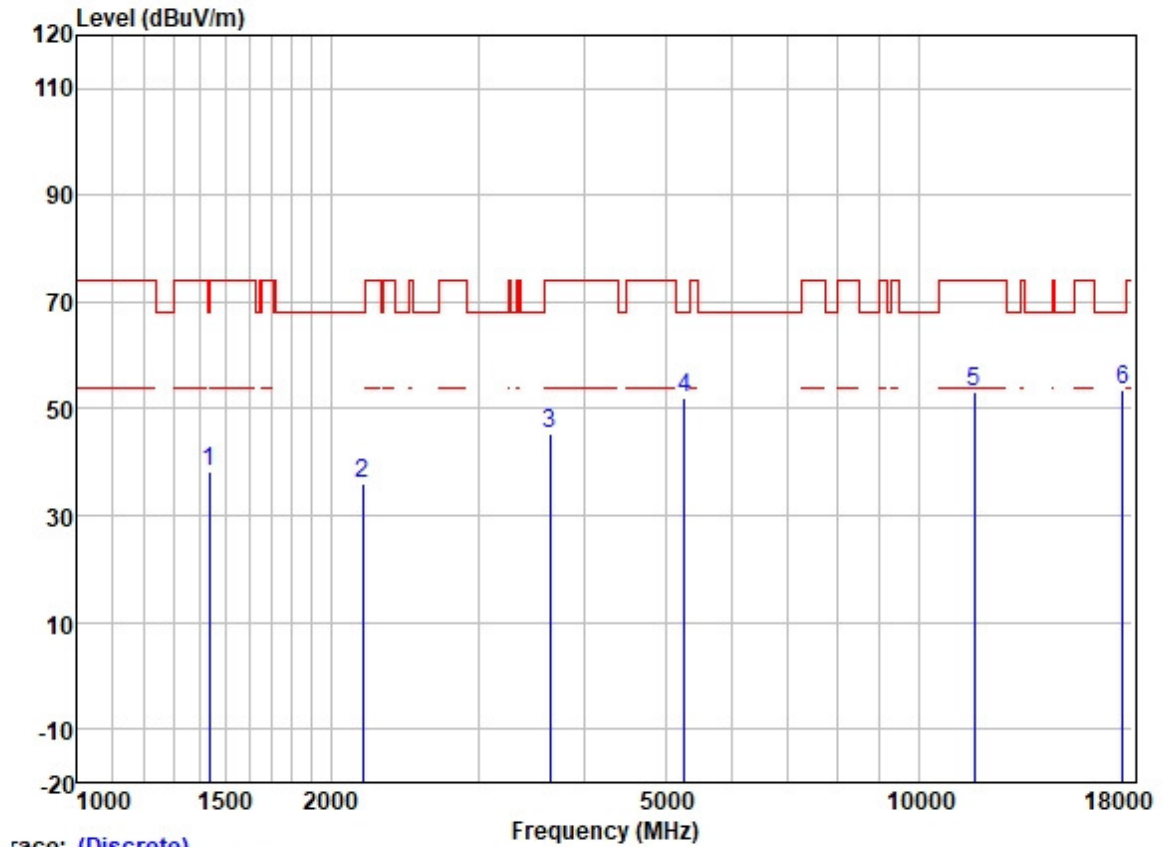
Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: High



race: (Discrete)

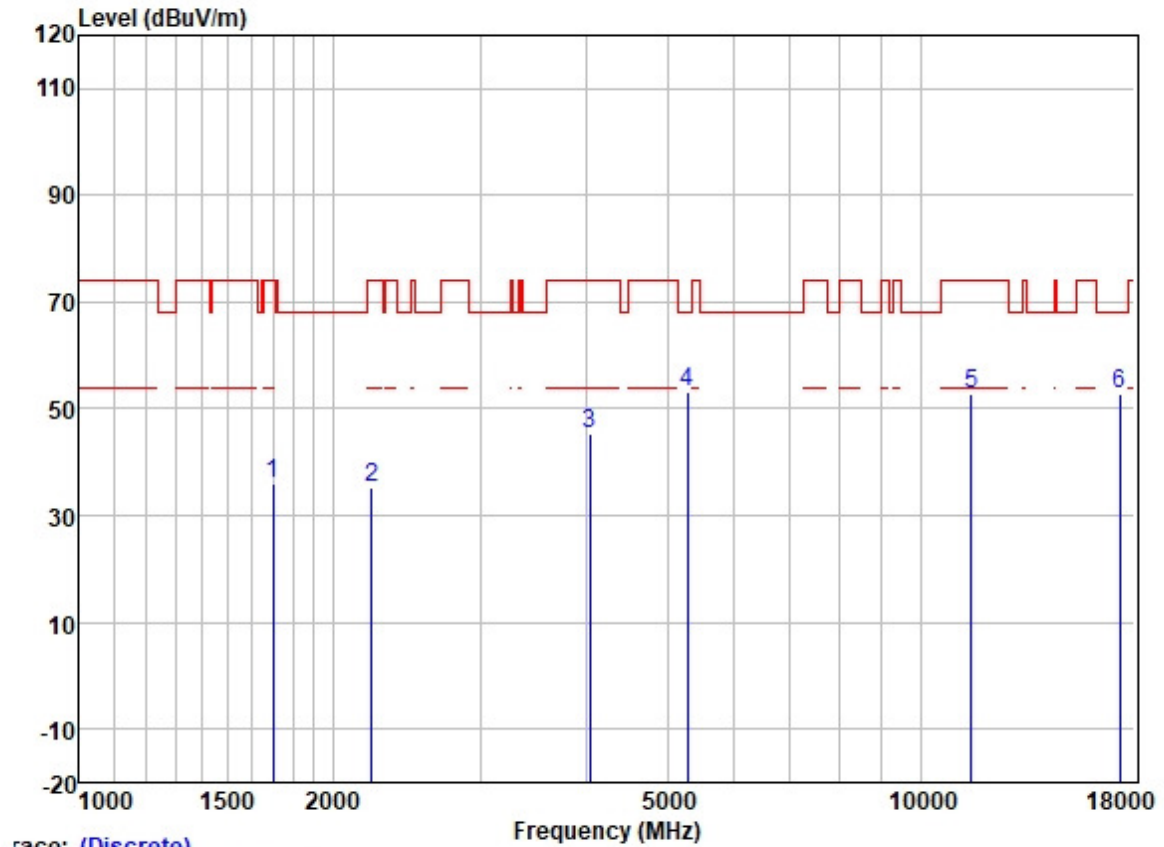
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1573.701	46.52	25.56	2.80	38.00	36.88	74.00	-37.12	HORIZONTAL Peak
2	2264.282	43.59	26.98	3.27	37.63	36.21	74.00	-37.79	HORIZONTAL Peak
3	3304.547	49.73	28.76	4.06	37.03	45.52	68.20	-22.68	HORIZONTAL Peak
4	5686.443	51.04	31.99	6.38	36.89	52.52	68.20	-15.68	HORIZONTAL Peak
5	11650.000	42.22	39.65	8.35	37.13	53.09	74.00	-20.91	HORIZONTAL Peak
6	17475.000	33.31	43.90	10.77	35.32	52.66	68.20	-15.54	HORIZONTAL Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



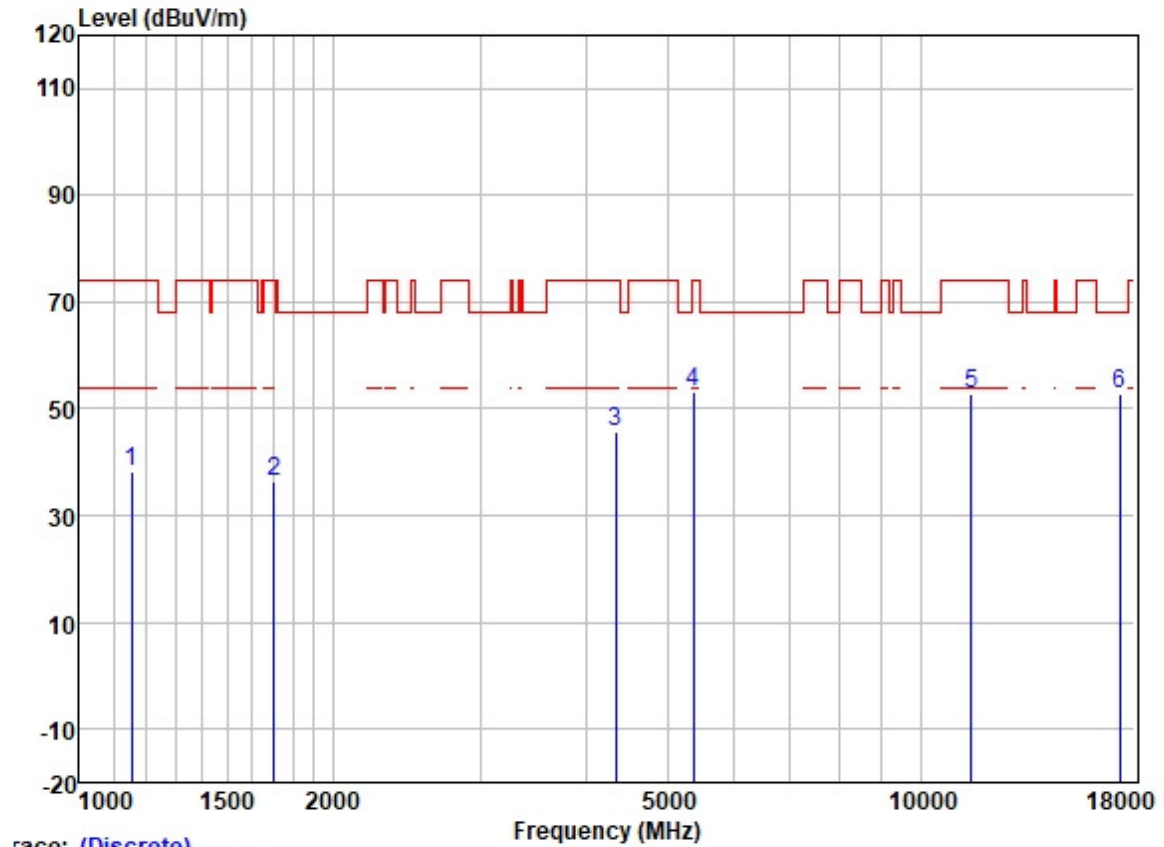
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1433.059	48.31	25.43	2.66	38.20	38.20	68.20	-30.00	VERTICAL	Peak
2	2186.021	44.06	26.56	3.20	37.66	36.16	68.20	-32.04	VERTICAL	Peak
3	3650.526	48.56	29.13	4.52	36.89	45.32	74.00	-28.68	VERTICAL	Peak
4	5271.466	51.52	31.75	5.80	36.87	52.20	68.20	-16.00	VERTICAL	Peak
5	11650.000	42.37	39.65	8.35	37.13	53.24	74.00	-20.76	VERTICAL	Peak
6	17475.000	34.03	43.90	10.77	35.32	53.38	68.20	-14.82	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



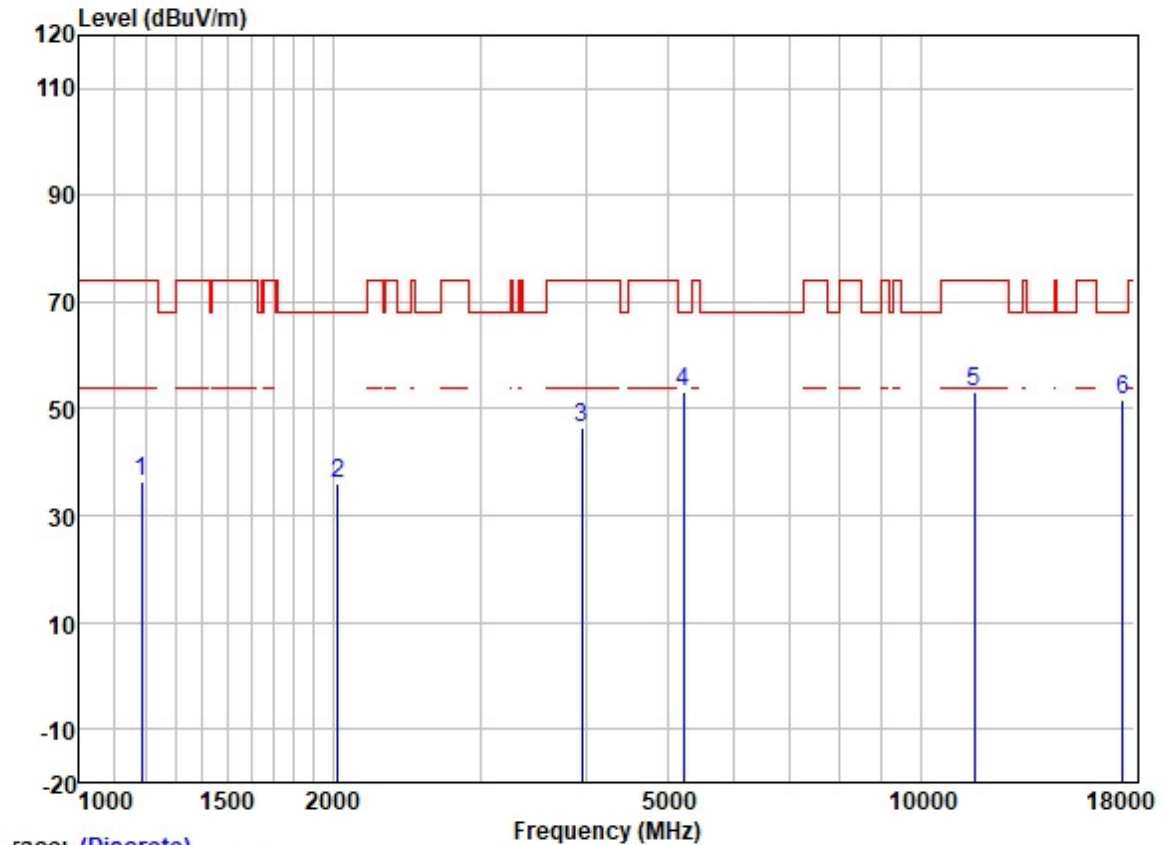
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1697.389	45.20	25.71	2.80	37.89	35.82	74.00	-38.18	HORIZONTAL Peak
2	2225.408	42.89	26.76	3.23	37.64	35.24	74.00	-38.76	HORIZONTAL Peak
3	4042.232	47.84	29.85	4.60	36.80	45.49	74.00	-28.51	HORIZONTAL Peak
4	5283.544	52.11	31.76	6.00	36.87	53.00	68.20	-15.20	HORIZONTAL Peak
5	11510.000	41.47	39.90	8.41	37.15	52.63	74.00	-21.37	HORIZONTAL Peak
6	17265.000	34.69	43.21	10.24	35.33	52.81	68.20	-15.39	HORIZONTAL Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



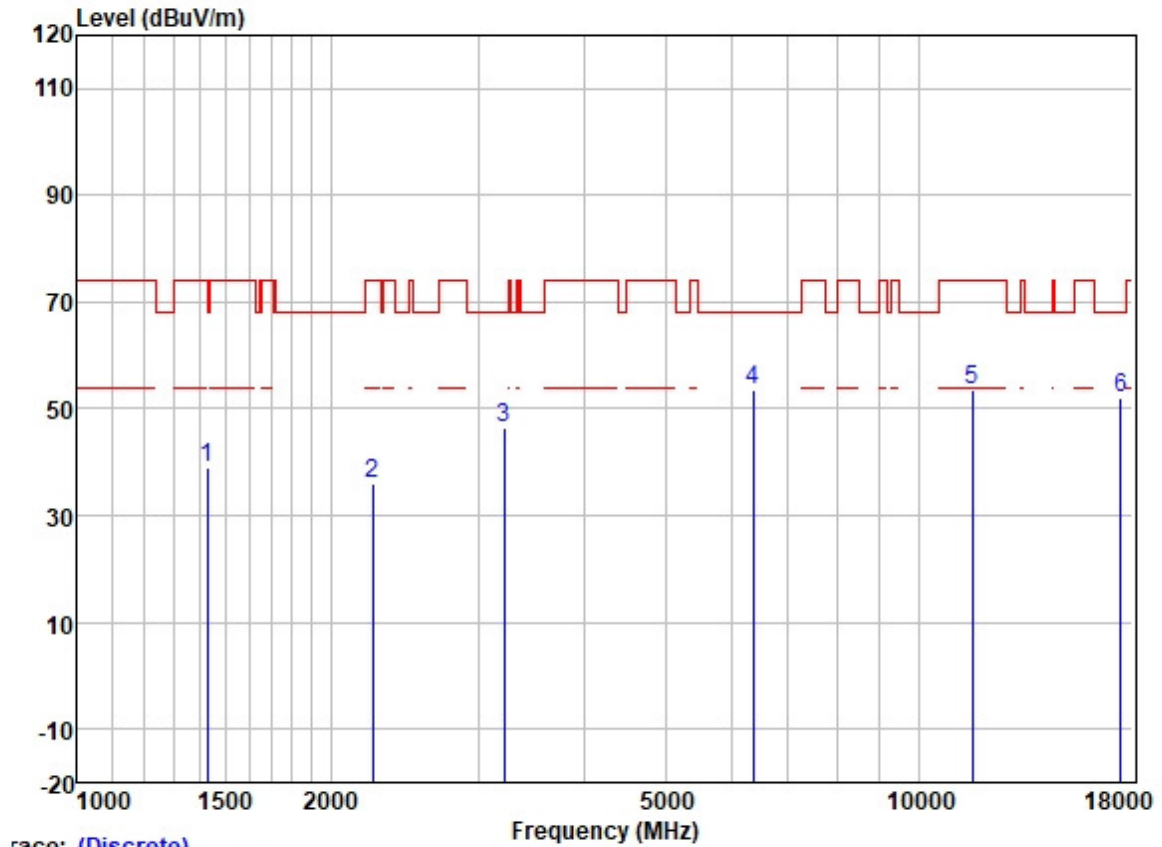
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1152.276	49.65	24.50	2.36	38.42	38.09	74.00	-35.91	VERTICAL	Peak
2	1706.159	45.67	25.73	2.81	37.89	36.32	74.00	-37.68	VERTICAL	Peak
3	4342.666	47.38	30.57	4.67	36.81	45.81	74.00	-28.19	VERTICAL	Peak
4	5375.083	52.24	31.78	6.02	36.88	53.16	74.00	-20.84	VERTICAL	Peak
5	11510.000	41.77	39.90	8.41	37.15	52.93	74.00	-21.07	VERTICAL	Peak
6	17265.000	34.53	43.21	10.24	35.33	52.65	68.20	-15.55	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



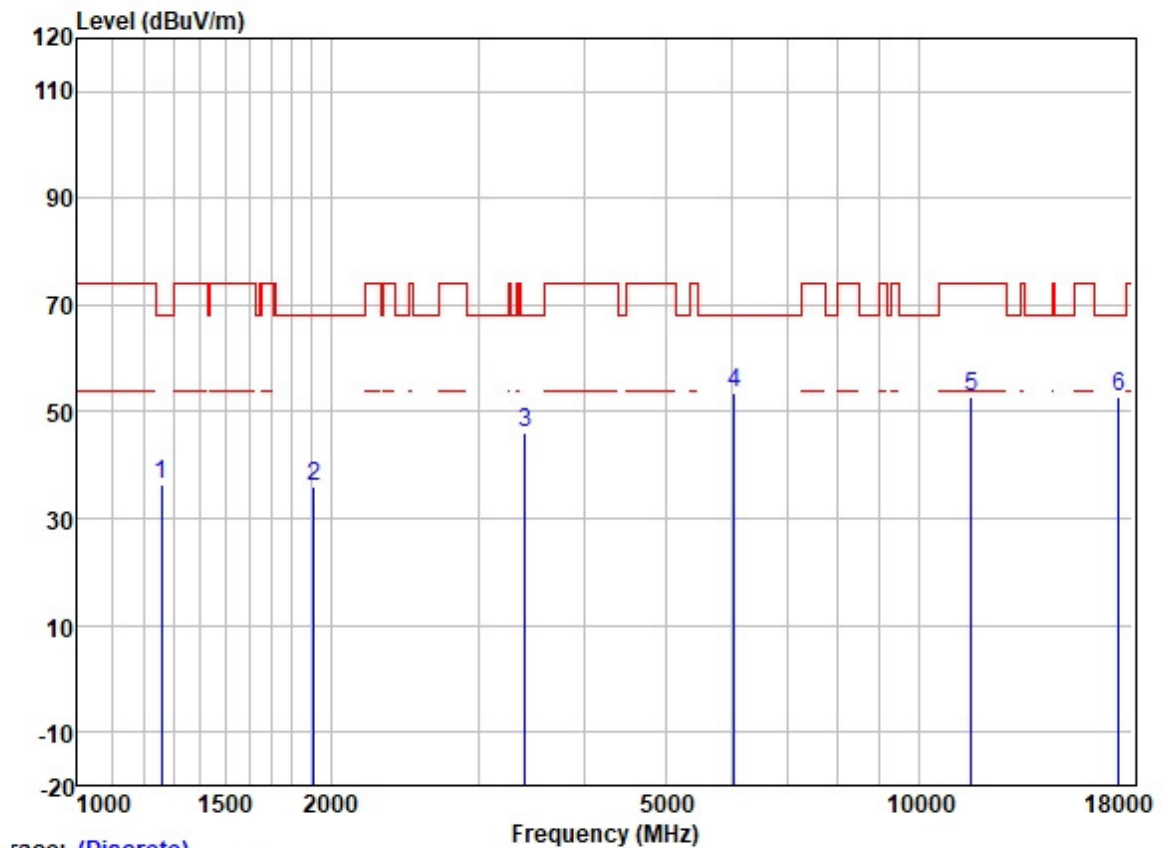
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1187.199	47.78	24.62	2.37	38.40	36.37	74.00	-37.63	HORIZONTAL	Peak
2	2028.572	44.38	26.15	3.11	37.69	35.95	68.20	-32.25	HORIZONTAL	Peak
3	3955.416	48.79	29.75	4.60	36.81	46.33	74.00	-27.67	HORIZONTAL	Peak
4	5224.354	52.63	31.74	5.70	36.87	53.20	68.20	-15.00	HORIZONTAL	Peak
5	11590.000	42.35	39.72	8.37	37.14	53.30	74.00	-20.70	HORIZONTAL	Peak
6	17385.000	32.99	43.57	10.53	35.32	51.77	68.20	-16.43	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



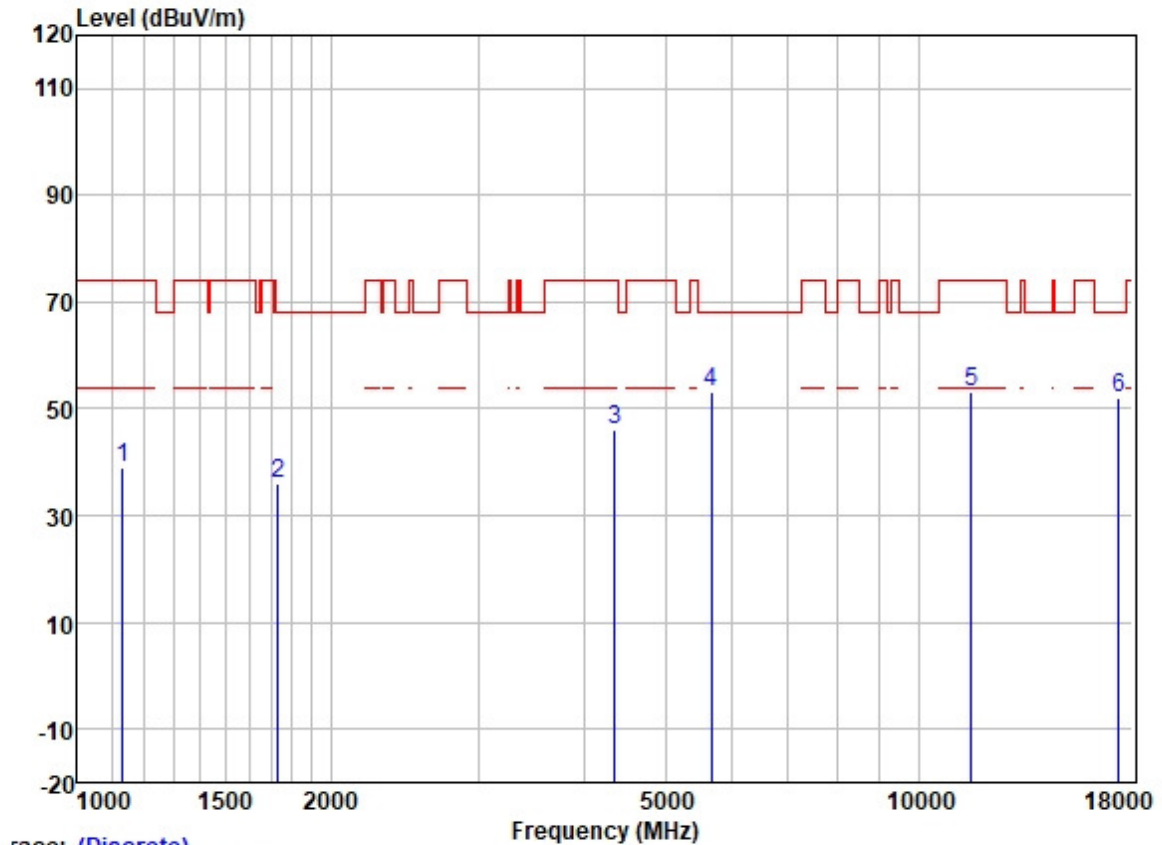
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1426.833	48.93	25.43	2.65	38.20	38.81	74.00	-35.19	VERTICAL	Peak
2	2243.844	43.47	26.88	3.25	37.64	35.96	74.00	-38.04	VERTICAL	Peak
3	3220.197	50.87	28.63	4.01	37.07	46.44	68.20	-21.76	VERTICAL	Peak
4	6353.988	51.02	33.63	5.92	36.97	53.60	68.20	-14.60	VERTICAL	Peak
5	11590.000	42.61	39.72	8.37	37.14	53.56	74.00	-20.44	VERTICAL	Peak
6	17385.000	33.13	43.57	10.53	35.32	51.91	68.20	-16.29	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1259.428	47.32	25.07	2.40	38.35	36.44	68.20	-31.76	HORIZONTAL	Peak
2	1912.644	44.85	26.05	2.92	37.74	36.08	68.20	-32.12	HORIZONTAL	Peak
3	3410.937	49.93	28.85	4.13	36.98	45.93	68.20	-22.27	HORIZONTAL	Peak
4	6038.751	51.71	32.48	6.18	36.91	53.46	68.20	-14.74	HORIZONTAL	Peak
5	11550.000	41.82	39.84	8.40	37.14	52.92	74.00	-21.08	HORIZONTAL	Peak
6	17325.000	34.35	43.40	10.39	35.32	52.82	68.20	-15.38	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



race: (Discrete)

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1131.503	50.87	24.44	2.22	38.43	39.10	74.00	-34.90	VERTICAL	Peak
2	1732.630	45.33	25.80	2.85	37.87	36.11	68.20	-32.09	VERTICAL	Peak
3	4348.297	47.45	30.59	4.68	36.81	45.91	74.00	-28.09	VERTICAL	Peak
4	5668.487	51.89	31.97	6.37	36.89	53.34	68.20	-14.86	VERTICAL	Peak
5	11550.000	42.00	39.84	8.40	37.14	53.10	74.00	-20.90	VERTICAL	Peak
6	17325.000	33.68	43.40	10.39	35.32	52.15	68.20	-16.05	VERTICAL	Peak

7.9 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & E 15.407(b)

Test Method: KDB 789033 D02 II G

Limit:

Frequency(MHz)	Field strength(microvolts/meter)	Measurement distance(meters)
0.009-0.490	2400/F(kHz)	300
0.490-1.705	24000/F(kHz)	30
1.705-30.0	30	30
30-88	100	3
88-216	150	3
216-960	200	3
Above 960	500	3

*(1) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(2) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(3) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

(4) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation.

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C

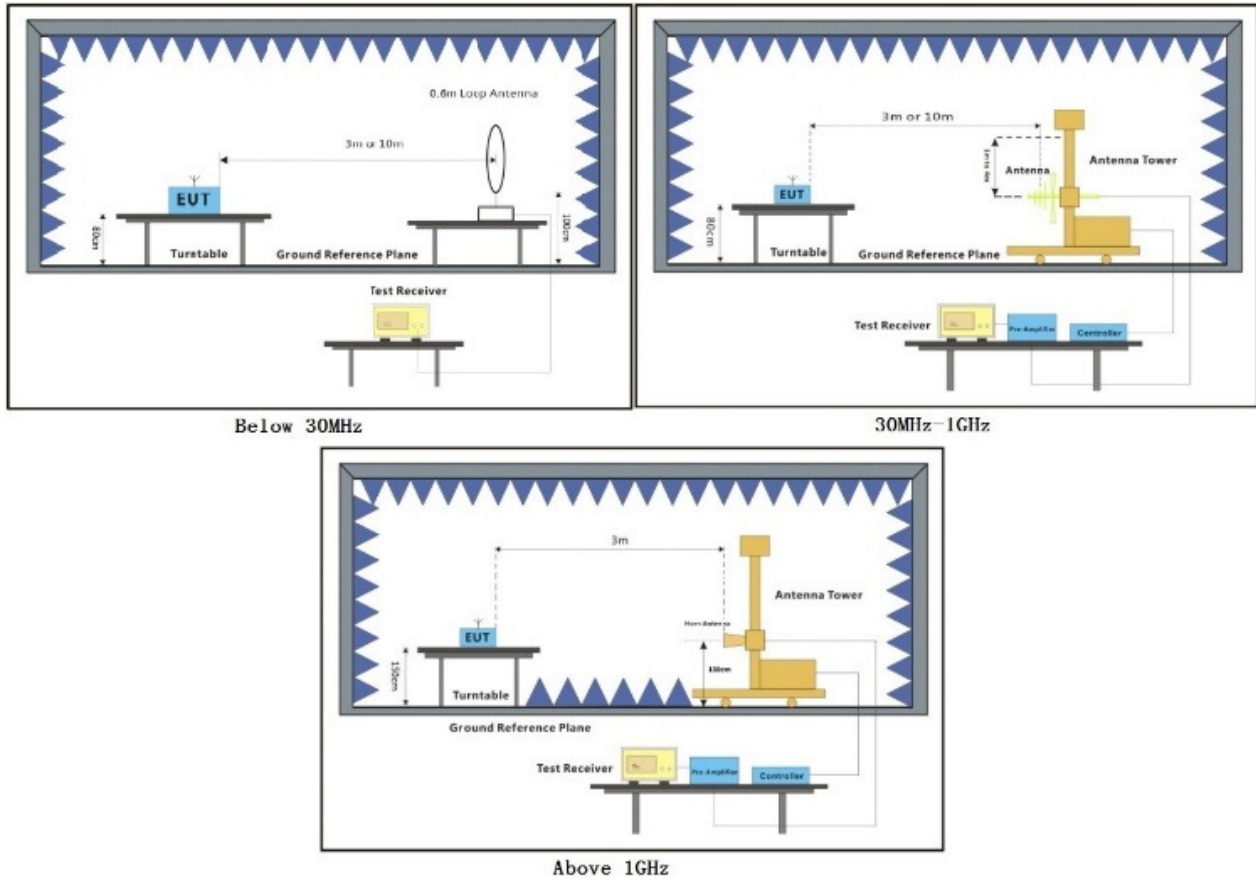
Humidity: 51.9 % RH

Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Pre-scan	23	TX mode (U-NII-4)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.
Final test	24	Charge + TX mode (U-NII-4)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

- a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- d. The antenna height 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.
- e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.
- h. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.
- j. Repeat above procedures until all frequencies measured was complete.

Remark1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark:

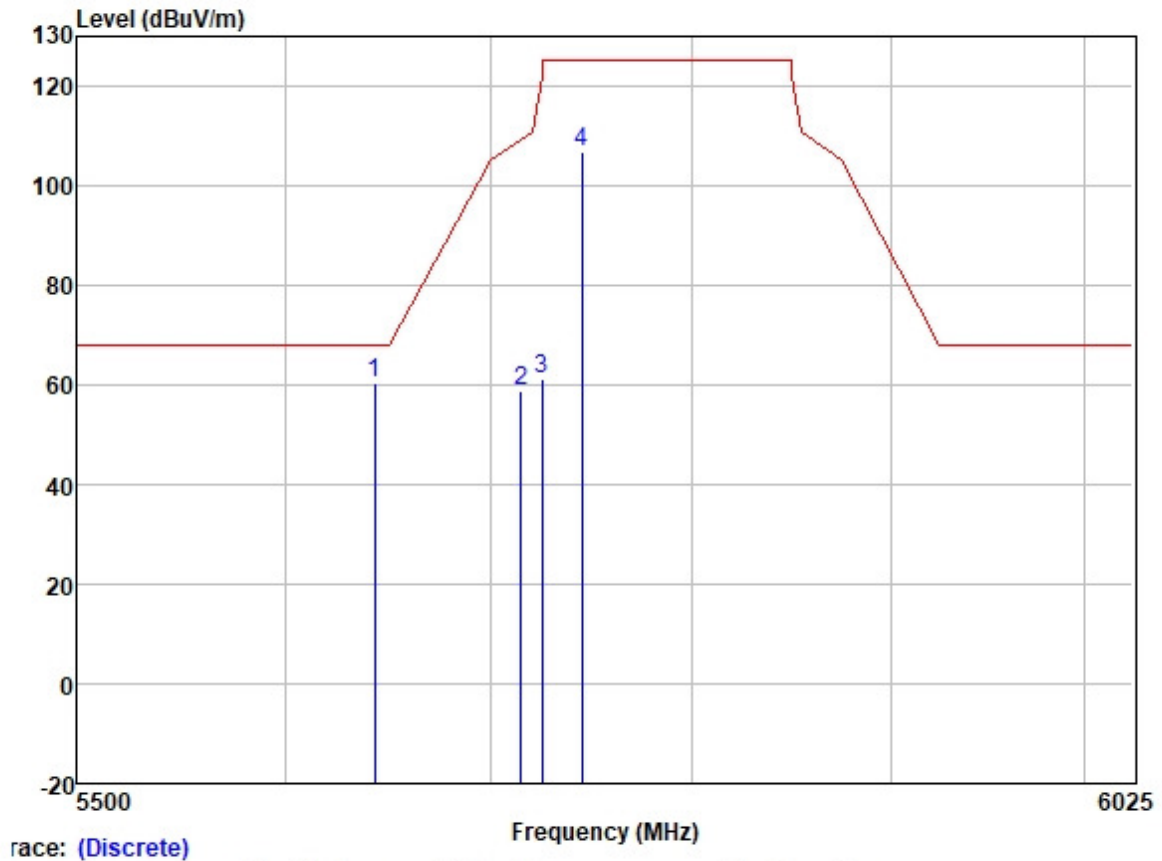
1. Pretest the EUT at antenna 1 and antenna 2 and MIMO mode find the worst case is MIMO mode.



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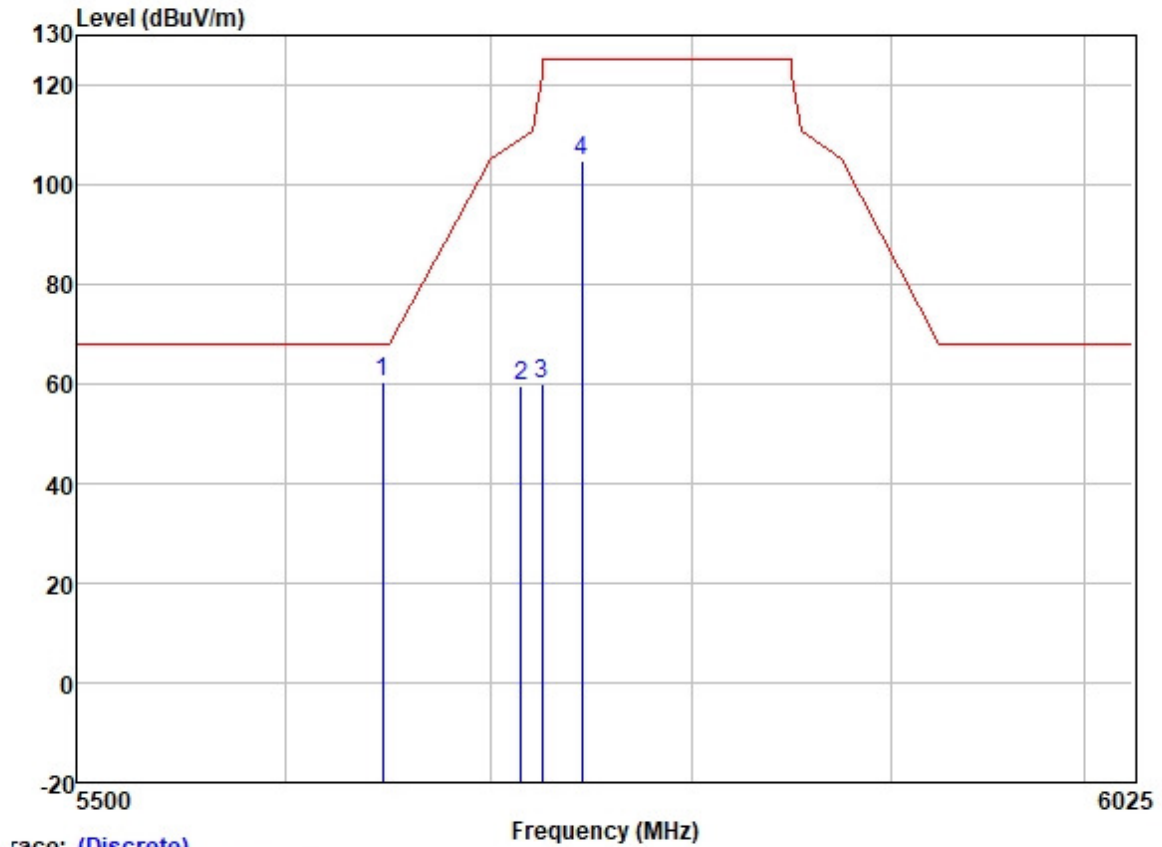
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Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



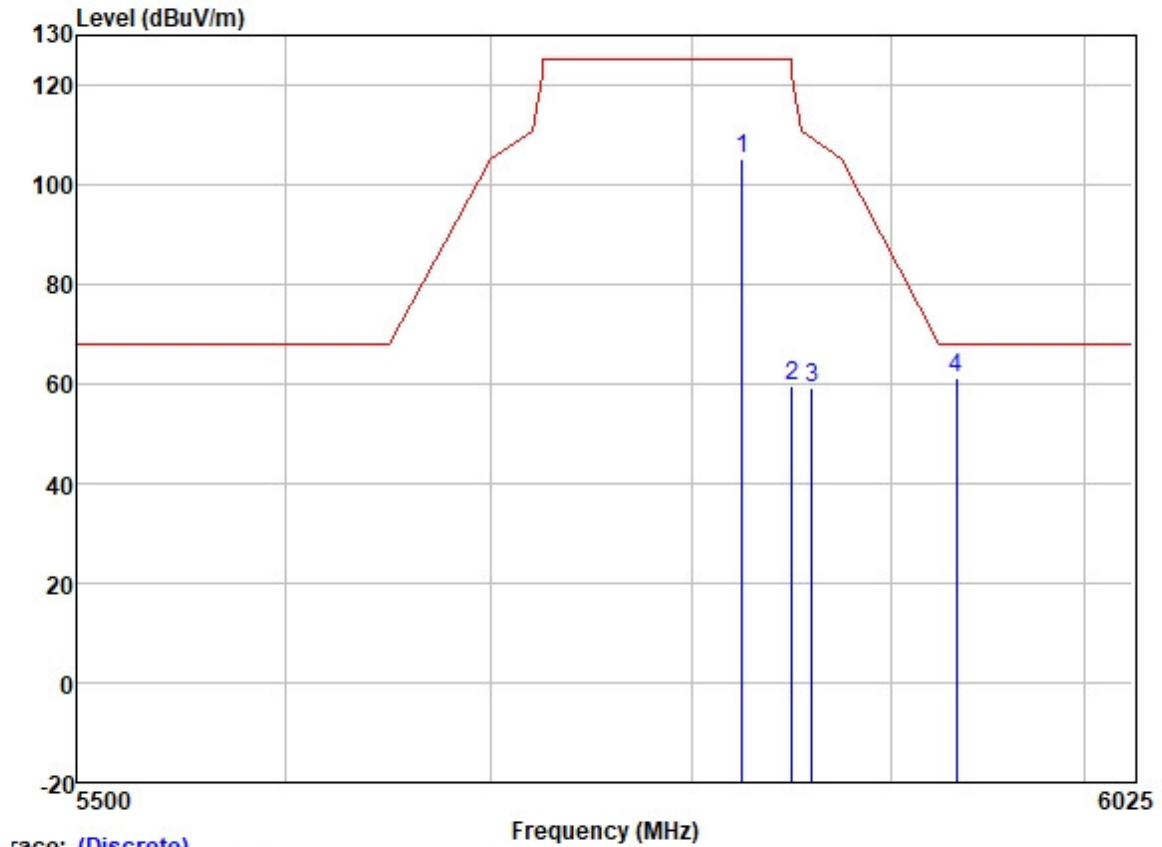
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5643.182	59.01	31.95	6.35	36.89	60.42	68.20	-7.78	HORIZONTAL	Peak
2	5715.000	57.25	32.04	6.33	36.89	58.73	109.40	-50.67	HORIZONTAL	Peak
3	5725.000	59.77	32.07	6.25	36.89	61.20	122.20	-61.00	HORIZONTAL	Peak
4	5745.000	105.39	32.10	6.20	36.89	106.80	125.20	-18.40	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5646.919	59.09	31.95	6.35	36.89	60.50	68.20	-7.70	VERTICAL	Peak
2	5715.000	57.96	32.04	6.33	36.89	59.44	109.40	-49.96	VERTICAL	Peak
3	5725.000	58.70	32.07	6.25	36.89	60.13	122.20	-62.07	VERTICAL	Peak
4	5745.000	103.25	32.10	6.20	36.89	104.66	125.20	-20.54	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

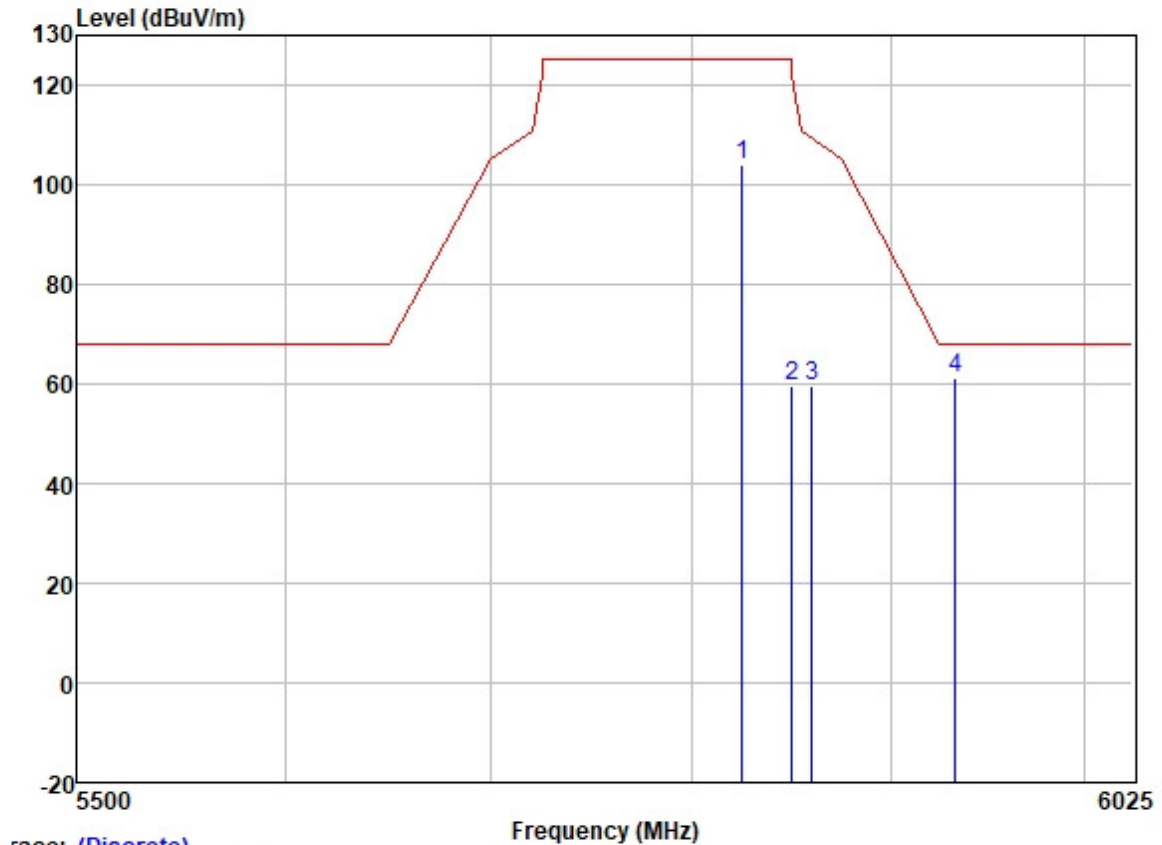
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	103.88	32.23	6.04	36.90	105.25	125.20	-19.95	HORIZONTAL Peak
2	5850.000	58.23	32.25	6.00	36.90	59.58	122.20	-62.62	HORIZONTAL Peak
3	5860.000	57.99	32.27	5.96	36.90	59.32	109.40	-50.08	HORIZONTAL Peak
4	5933.546	59.87	32.34	6.00	36.90	61.31	68.20	-6.89	HORIZONTAL Peak



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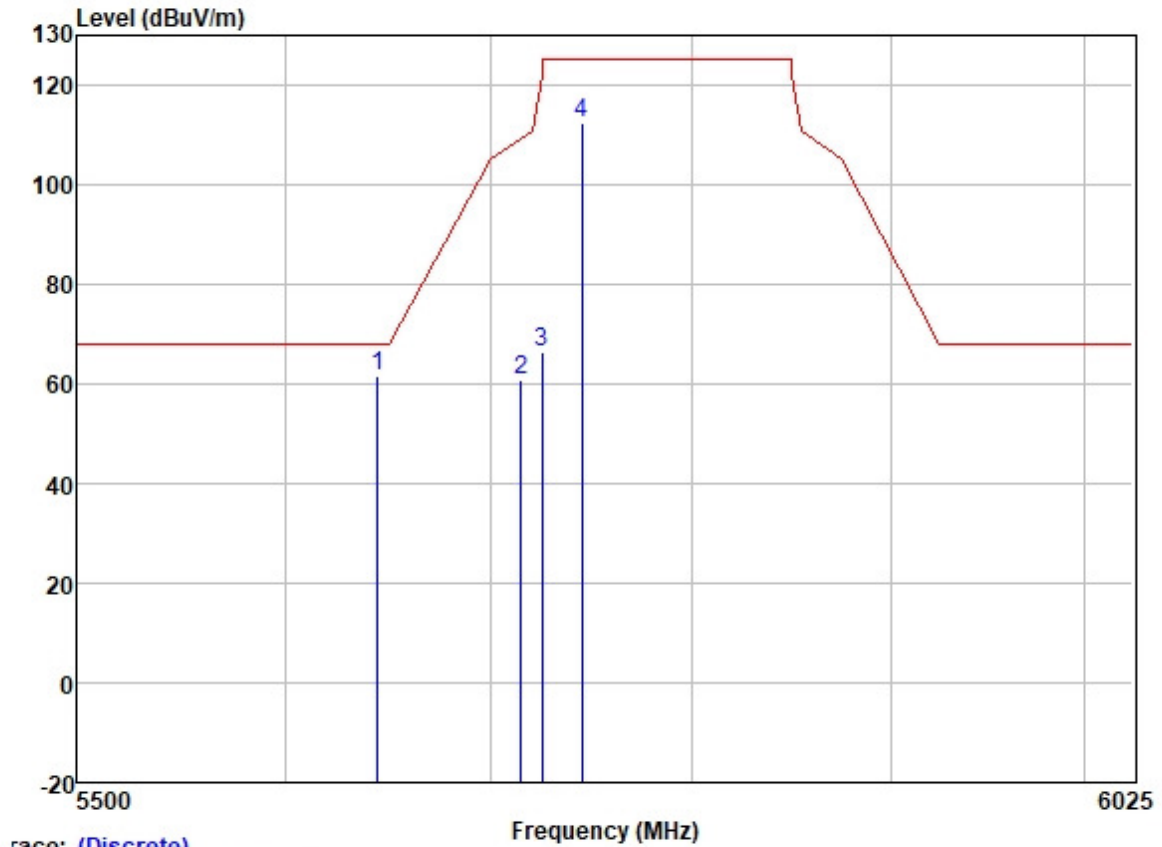
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Test Mode: 24; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	102.49	32.23	6.04	36.90	103.86	125.20	-21.34	VERTICAL Peak
2	5850.000	58.23	32.25	6.00	36.90	59.58	122.20	-62.62	VERTICAL Peak
3	5860.000	58.44	32.27	5.96	36.90	59.77	109.40	-49.63	VERTICAL Peak
4	5933.076	59.93	32.34	6.00	36.90	61.37	68.20	-6.83	VERTICAL Peak

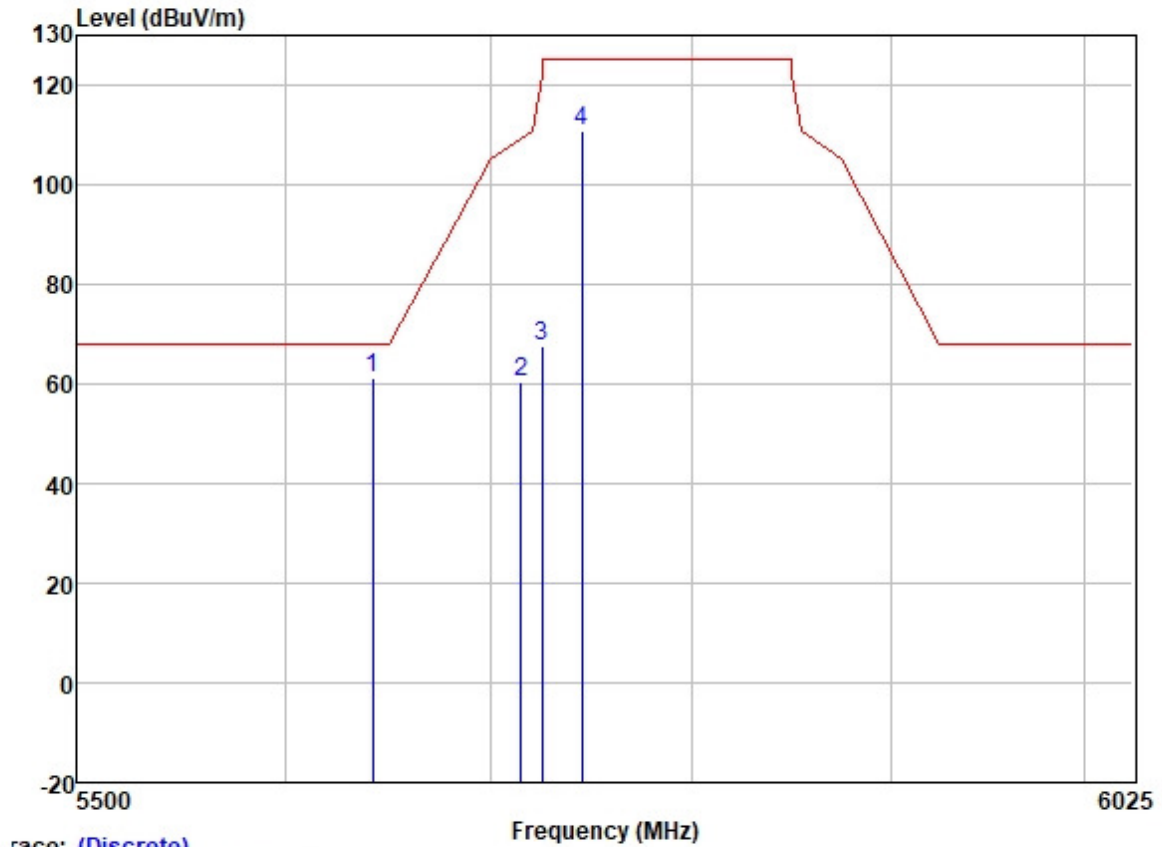
Test Mode: 24; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5644.289	60.00	31.95	6.35	36.89	61.41	68.20	-6.79	HORIZONTAL	Peak
2	5715.000	59.44	32.04	6.33	36.89	60.92	109.40	-48.48	HORIZONTAL	Peak
3	5725.000	64.82	32.07	6.25	36.89	66.25	122.20	-55.95	HORIZONTAL	Peak
4	5745.000	111.07	32.10	6.20	36.89	112.48	125.20	-12.72	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

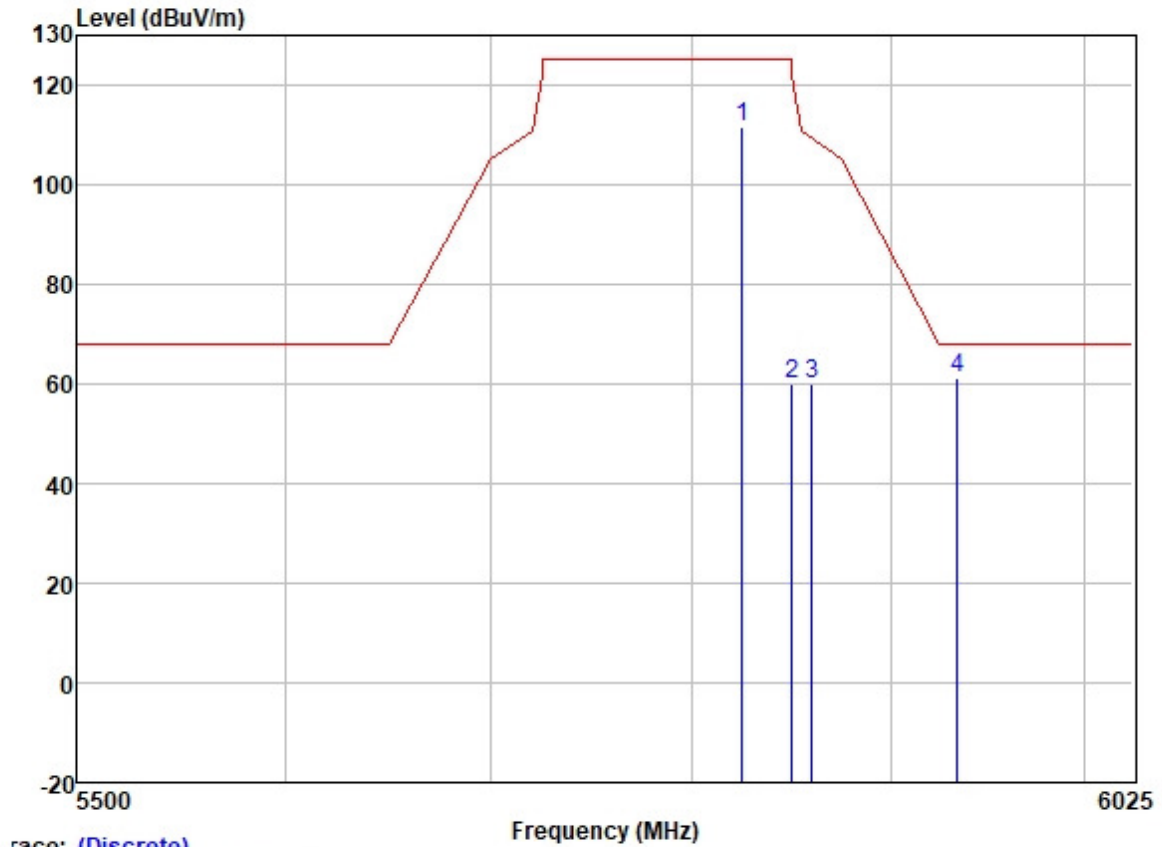
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5642.075	59.92	31.95	6.35	36.89	61.33	68.20	-6.87	VERTICAL Peak
2	5715.000	58.78	32.04	6.33	36.89	60.26	109.40	-49.14	VERTICAL Peak
3	5725.000	66.07	32.07	6.25	36.89	67.50	122.20	-54.70	VERTICAL Peak
4	5745.000	109.52	32.10	6.20	36.89	110.93	125.20	-14.27	VERTICAL Peak



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Test Mode: 24; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



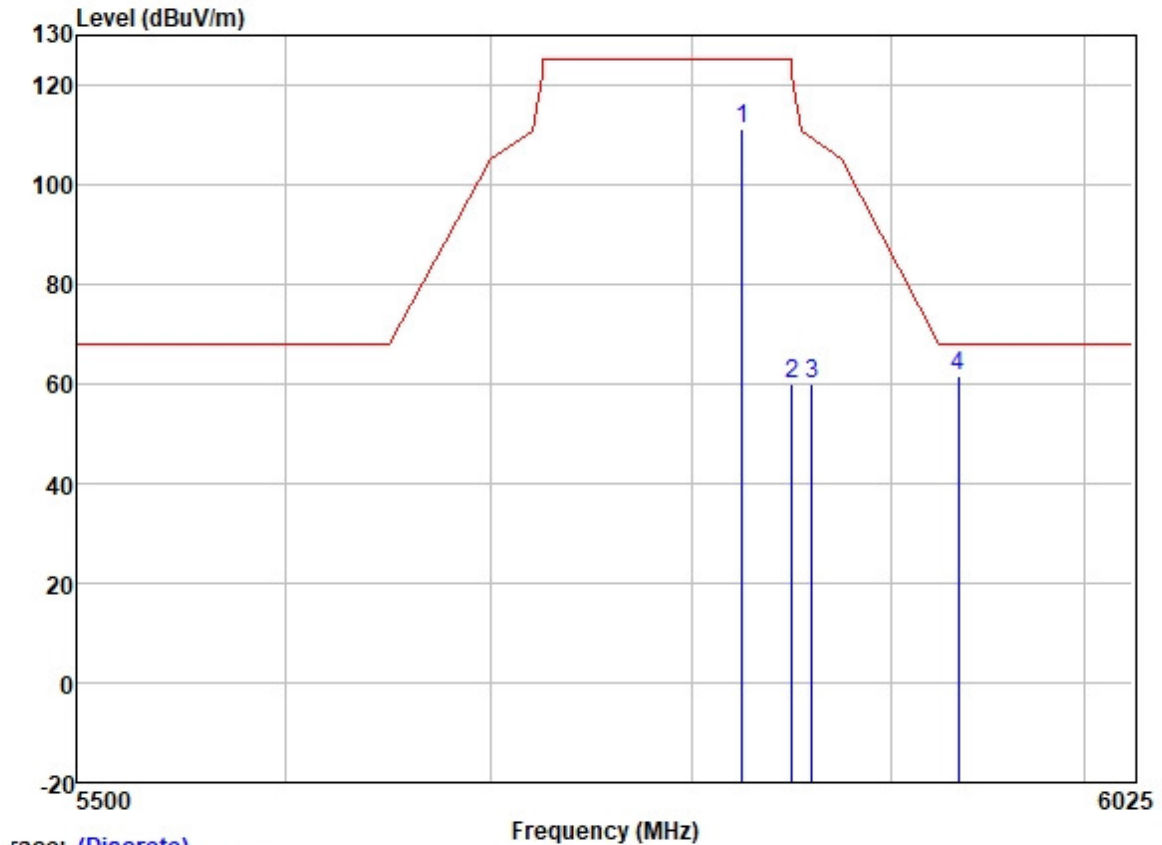
Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	110.10	32.23	6.04	36.90	111.47	125.20	-13.73	HORIZONTAL	Peak
2	5850.000	58.81	32.25	6.00	36.90	60.16	122.20	-62.04	HORIZONTAL	Peak
3	5860.000	58.83	32.27	5.96	36.90	60.16	109.40	-49.24	HORIZONTAL	Peak
4	5934.486	59.72	32.34	6.00	36.90	61.16	68.20	-7.04	HORIZONTAL	Peak



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Test Mode: 24; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

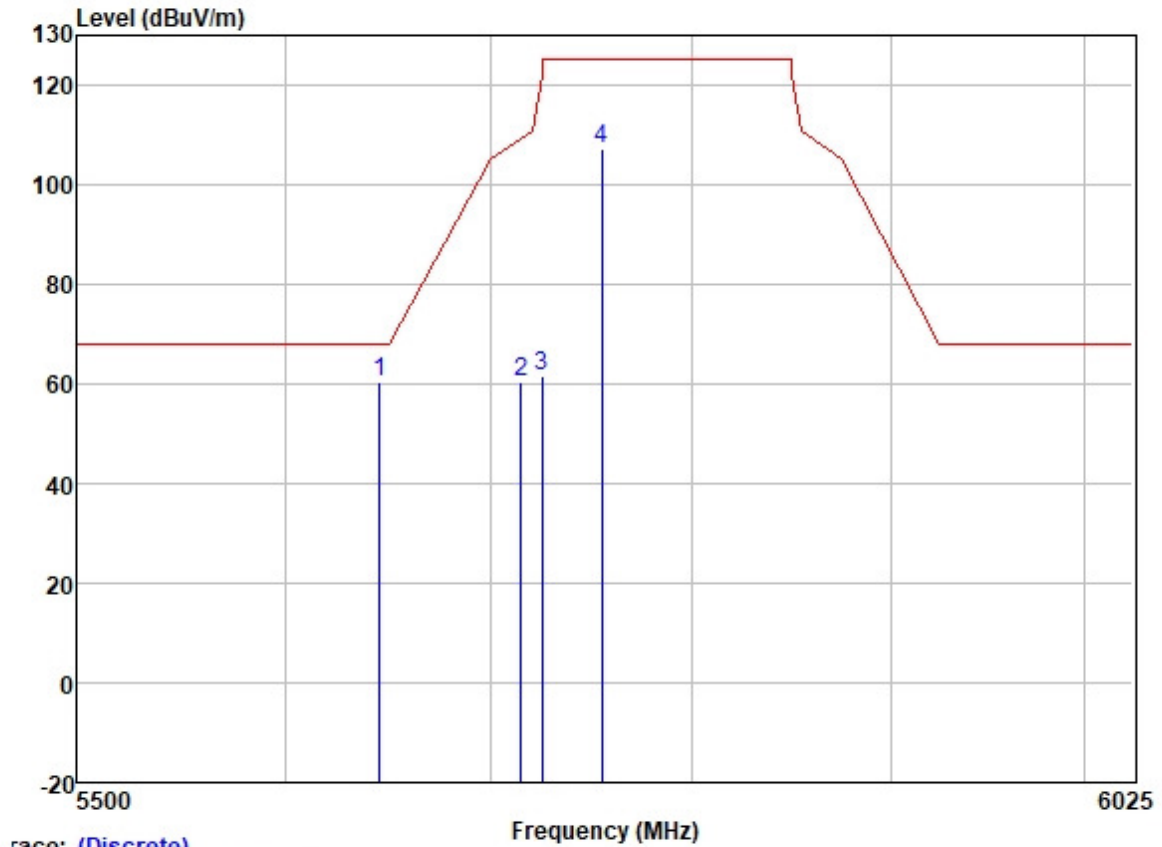
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	109.86	32.23	6.04	36.90	111.23	125.20	-13.97	VERTICAL Peak
2	5850.000	58.54	32.25	6.00	36.90	59.89	122.20	-62.31	VERTICAL Peak
3	5860.000	58.59	32.27	5.96	36.90	59.92	109.40	-49.48	VERTICAL Peak
4	5934.643	60.07	32.34	6.00	36.90	61.51	68.20	-6.69	VERTICAL Peak



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Test Mode: 24; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

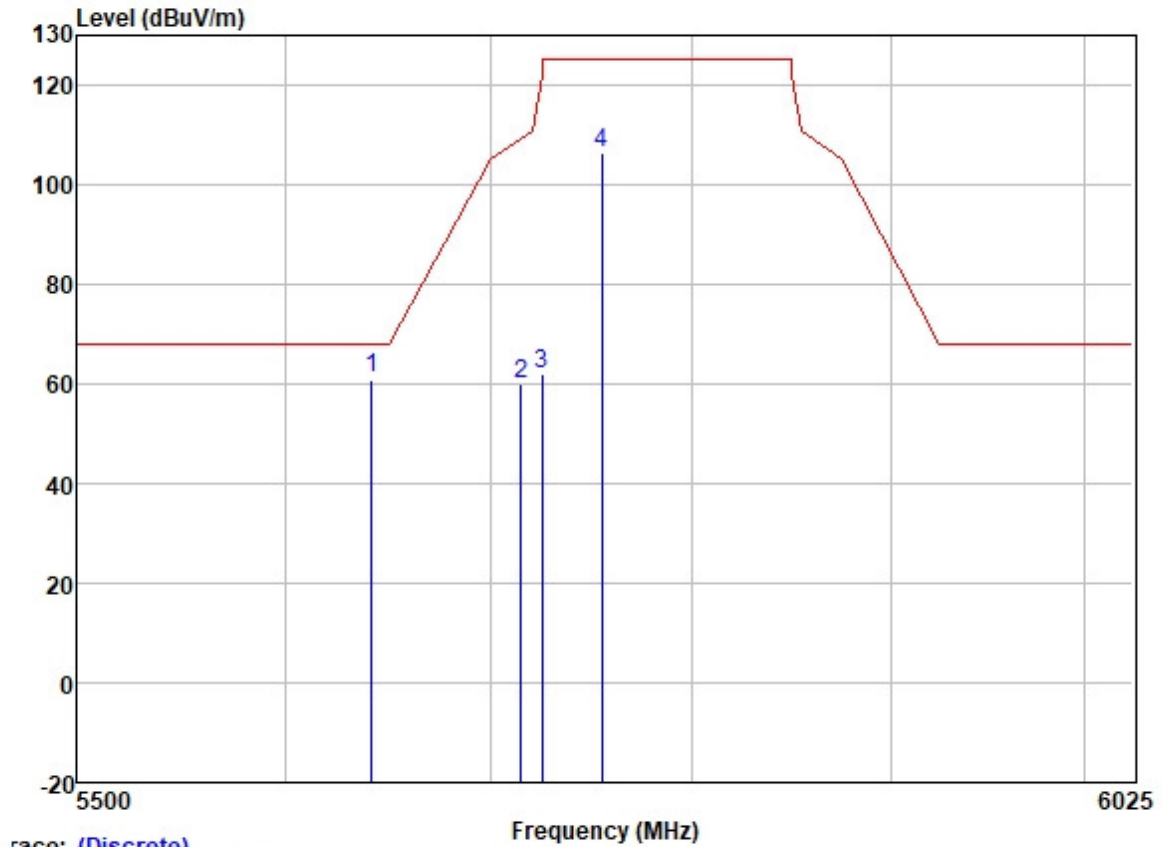
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5645.354	59.17	31.95	6.35	36.89	60.58	68.20	-7.62	HORIZONTAL	Peak
2	5715.000	58.87	32.04	6.33	36.89	60.35	109.40	-49.05	HORIZONTAL	Peak
3	5725.000	60.01	32.07	6.25	36.89	61.44	122.20	-60.76	HORIZONTAL	Peak
4	5755.000	105.87	32.10	6.20	36.89	107.28	125.20	-17.92	HORIZONTAL	Peak



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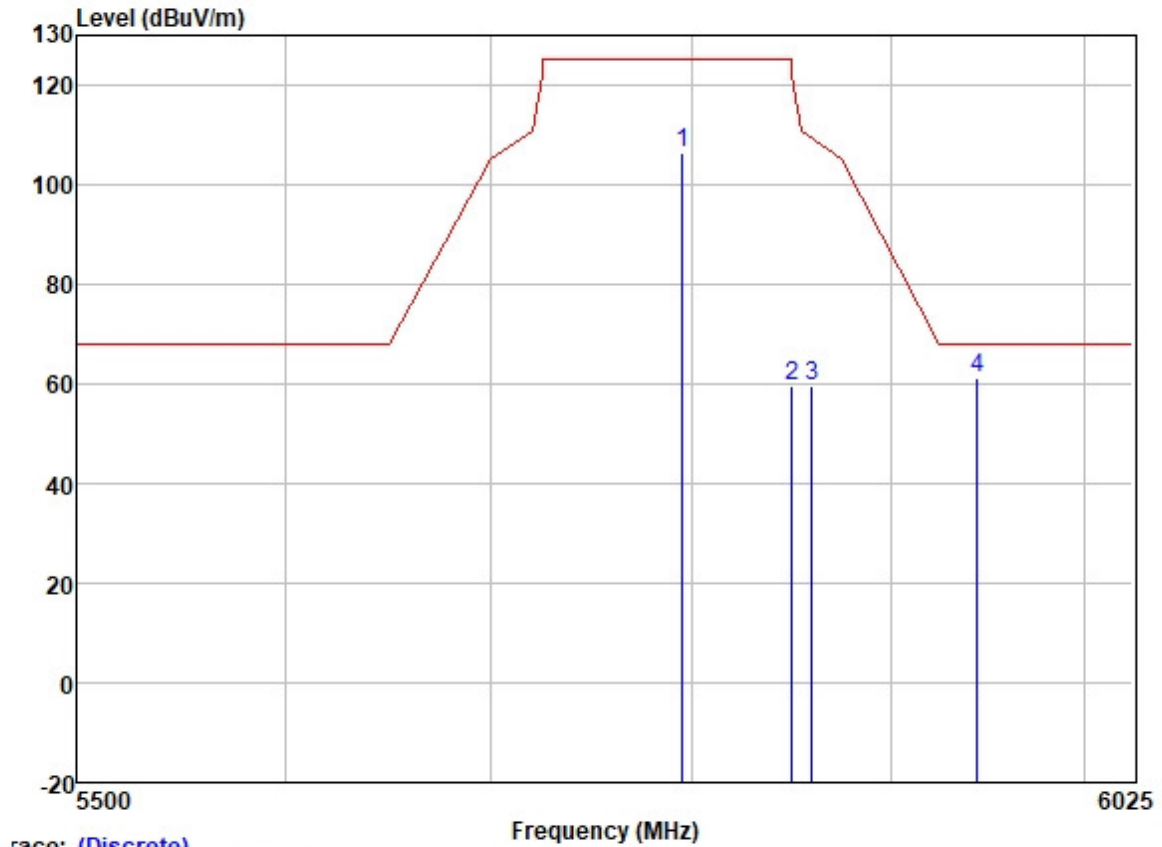
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Test Mode: 24; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5641.529	59.59	31.95	6.35	36.89	61.00	68.20	-7.20	VERTICAL	Peak
2	5715.000	58.42	32.04	6.33	36.89	59.90	109.40	-49.50	VERTICAL	Peak
3	5725.000	60.46	32.07	6.25	36.89	61.89	122.20	-60.31	VERTICAL	Peak
4	5755.000	104.83	32.10	6.20	36.89	106.24	125.20	-18.96	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

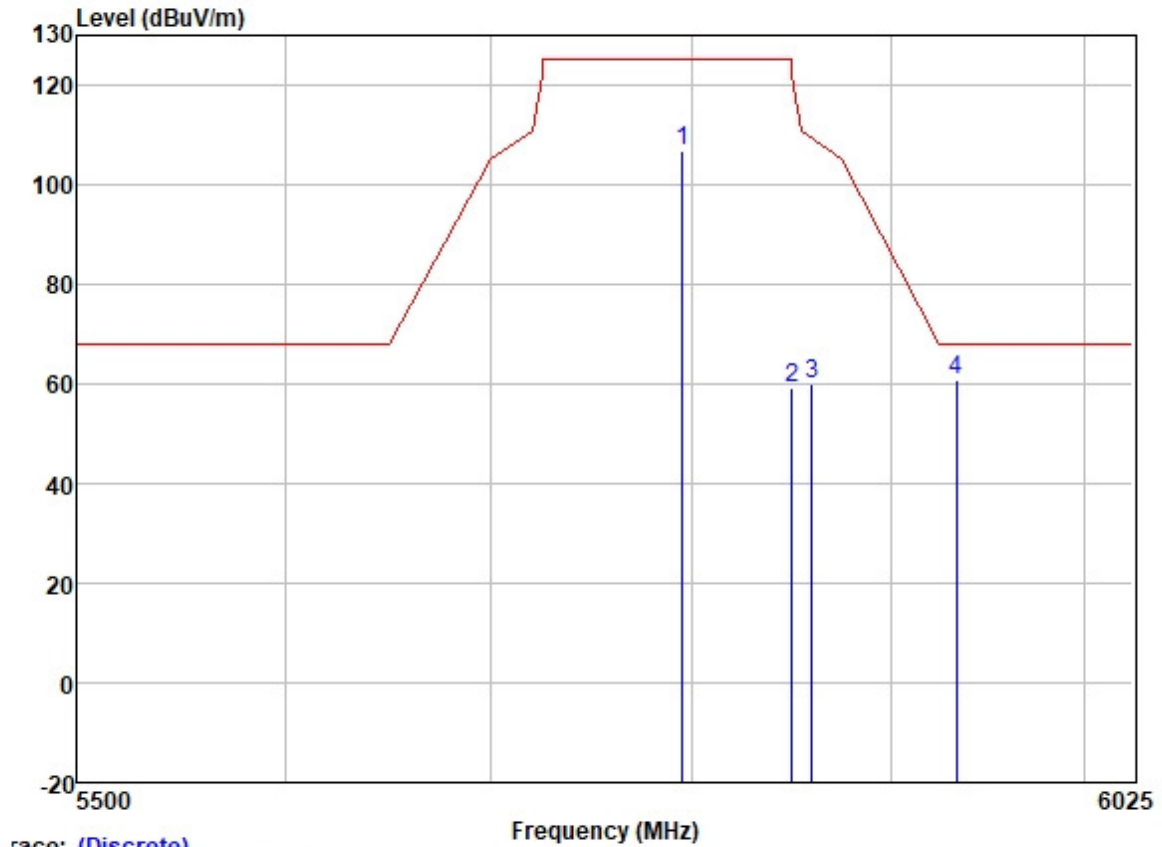
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	105.16	32.19	6.10	36.89	106.56	125.20	-18.64	HORIZONTAL Peak
2	5850.000	58.14	32.25	6.00	36.90	59.49	122.20	-62.71	HORIZONTAL Peak
3	5860.000	58.39	32.27	5.96	36.90	59.72	109.40	-49.68	HORIZONTAL Peak
4	5944.390	59.73	32.36	6.05	36.90	61.24	68.20	-6.96	HORIZONTAL Peak



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Trace: (Discrete)

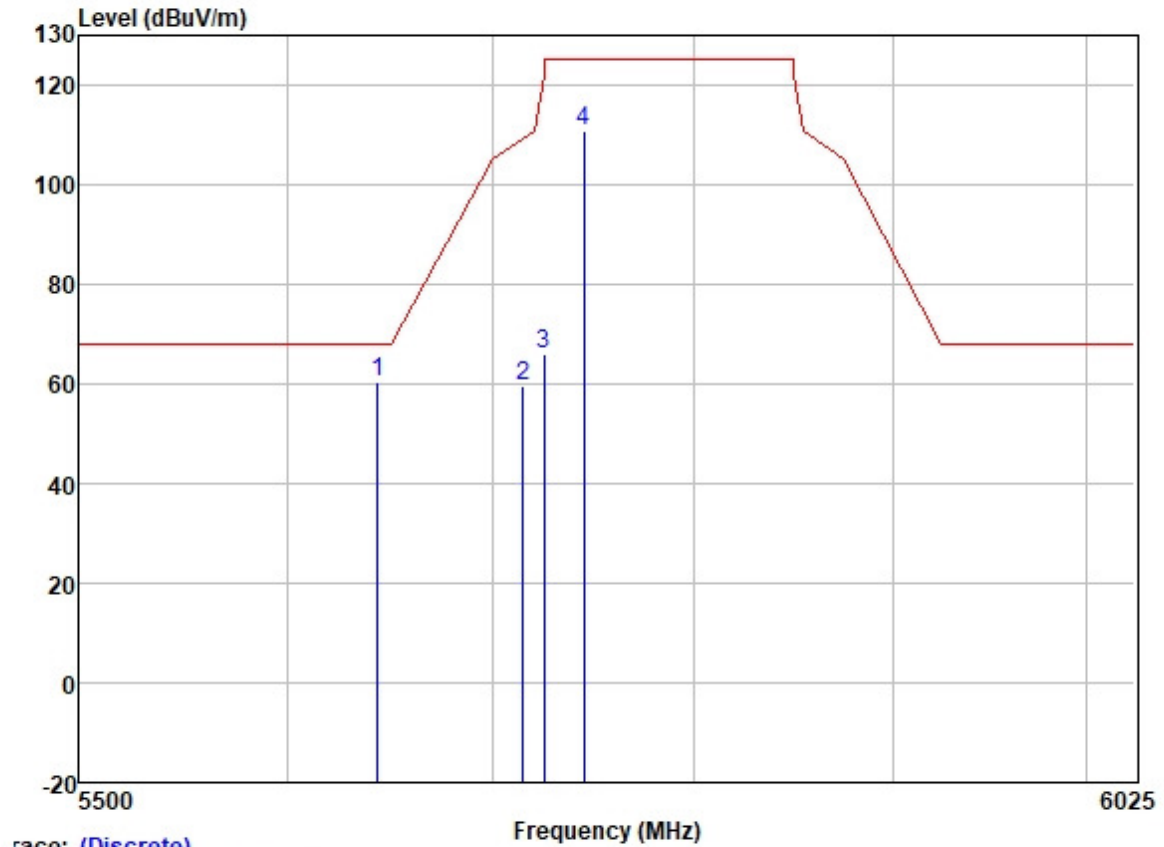
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	105.54	32.19	6.10	36.89	106.94	125.20	-18.26	VERTICAL Peak
2	5850.000	57.67	32.25	6.00	36.90	59.02	122.20	-63.18	VERTICAL Peak
3	5860.000	58.65	32.27	5.96	36.90	59.98	109.40	-49.42	VERTICAL Peak
4	5933.821	59.42	32.34	6.00	36.90	60.86	68.20	-7.34	VERTICAL Peak



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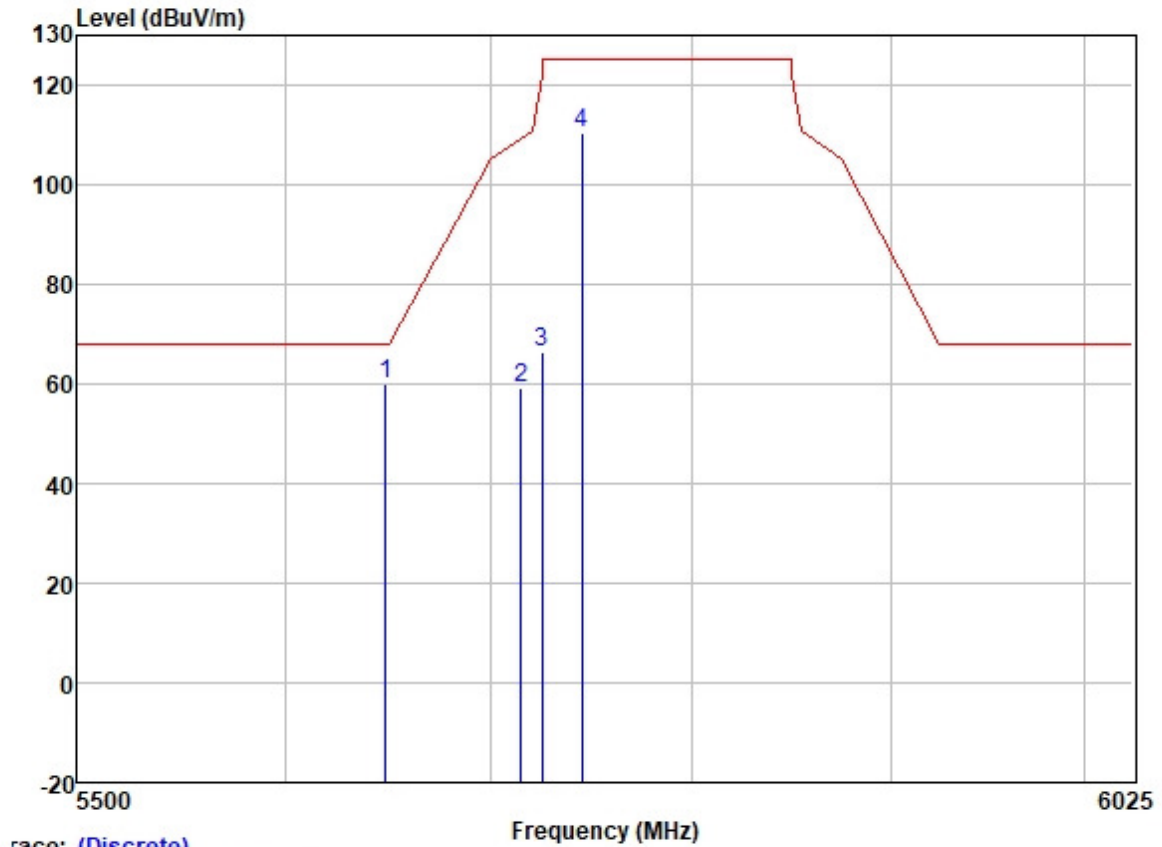
Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5643.458	58.84	31.95	6.35	36.89	60.25	68.20	-7.95	HORIZONTAL Peak
2	5715.000	58.05	32.04	6.33	36.89	59.53	109.40	-49.87	HORIZONTAL Peak
3	5725.000	64.69	32.07	6.25	36.89	66.12	122.20	-56.08	HORIZONTAL Peak
4	5745.000	109.58	32.10	6.20	36.89	110.99	125.20	-14.21	HORIZONTAL Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

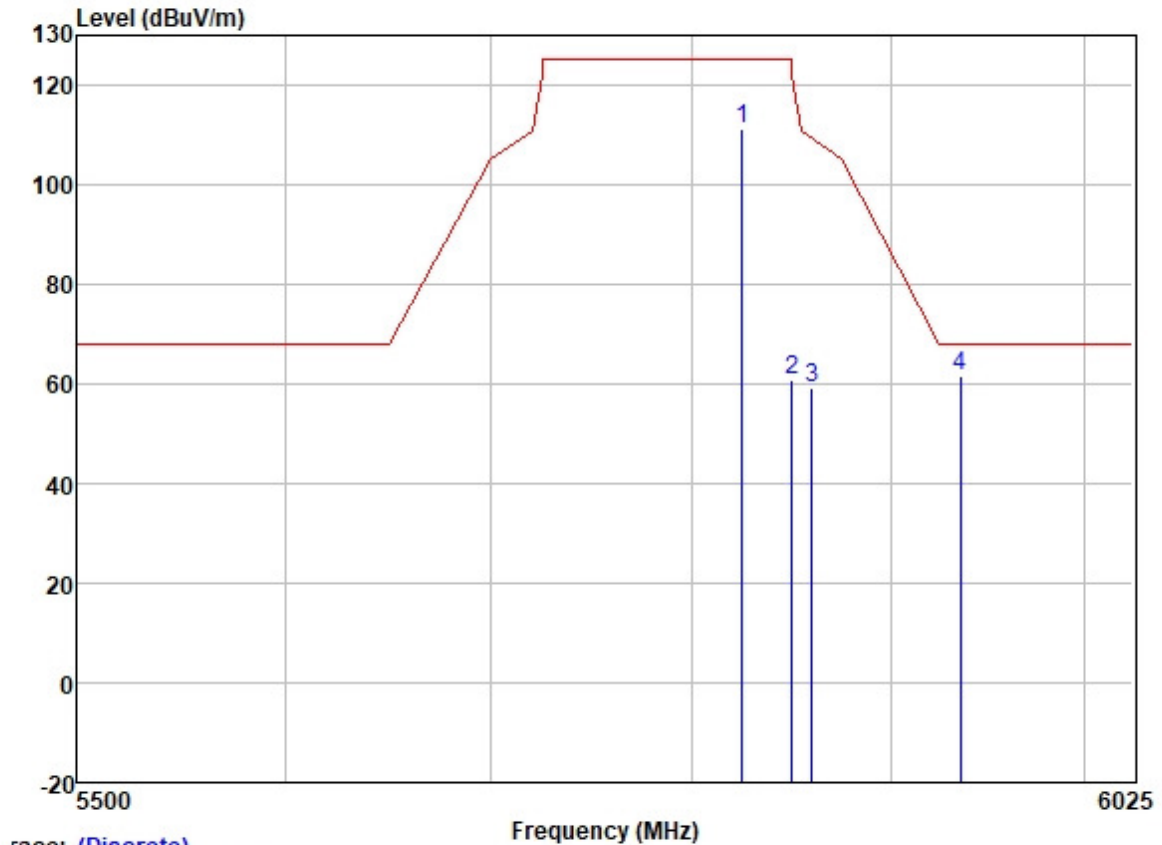
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5648.442	58.54	31.95	6.35	36.89	59.95	68.20	-8.25	VERTICAL	Peak
2	5715.000	57.68	32.04	6.33	36.89	59.16	109.40	-50.24	VERTICAL	Peak
3	5725.000	65.00	32.07	6.25	36.89	66.43	122.20	-55.77	VERTICAL	Peak
4	5745.000	108.90	32.10	6.20	36.89	110.31	125.20	-14.89	VERTICAL	Peak



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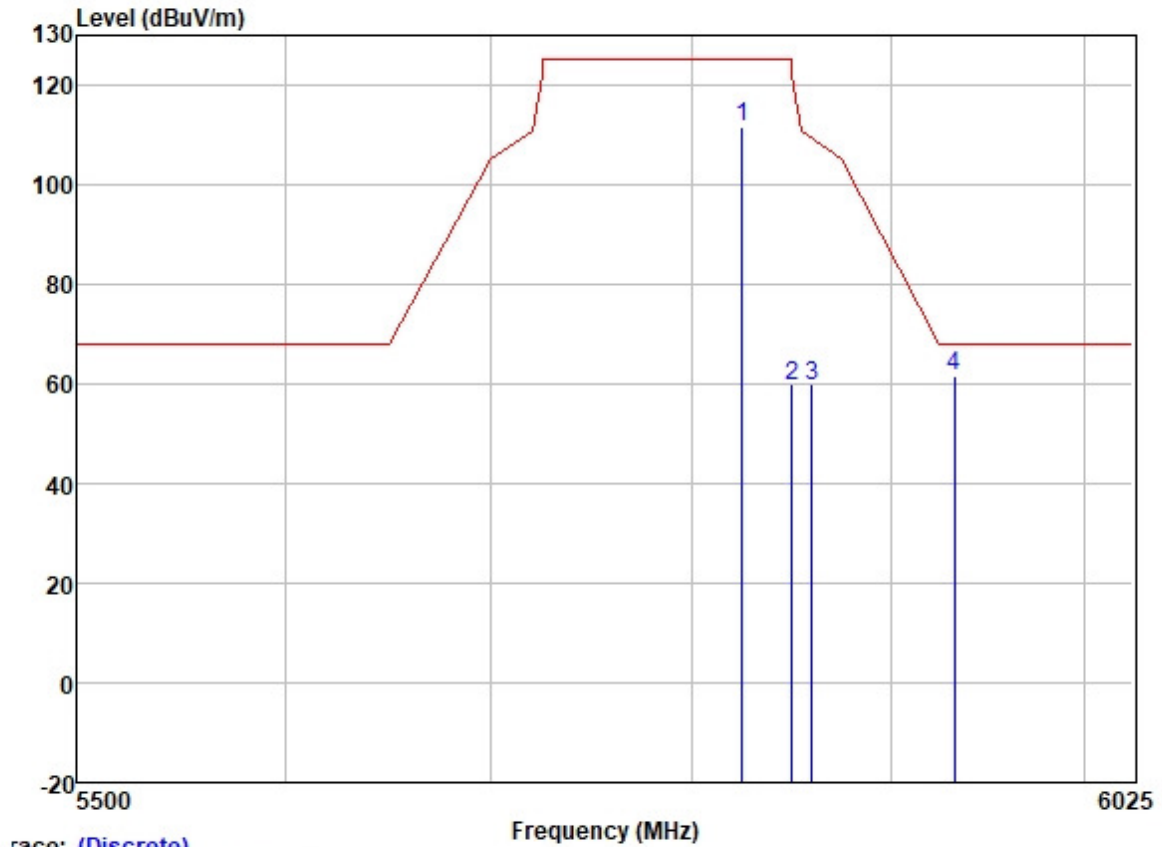
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	109.66	32.23	6.04	36.90	111.03	125.20	-14.17	HORIZONTAL Peak
2	5850.000	59.60	32.25	6.00	36.90	60.95	122.20	-61.25	HORIZONTAL Peak
3	5860.000	58.00	32.27	5.96	36.90	59.33	109.40	-50.07	HORIZONTAL Peak
4	5935.897	60.15	32.34	6.00	36.90	61.59	68.20	-6.61	HORIZONTAL Peak

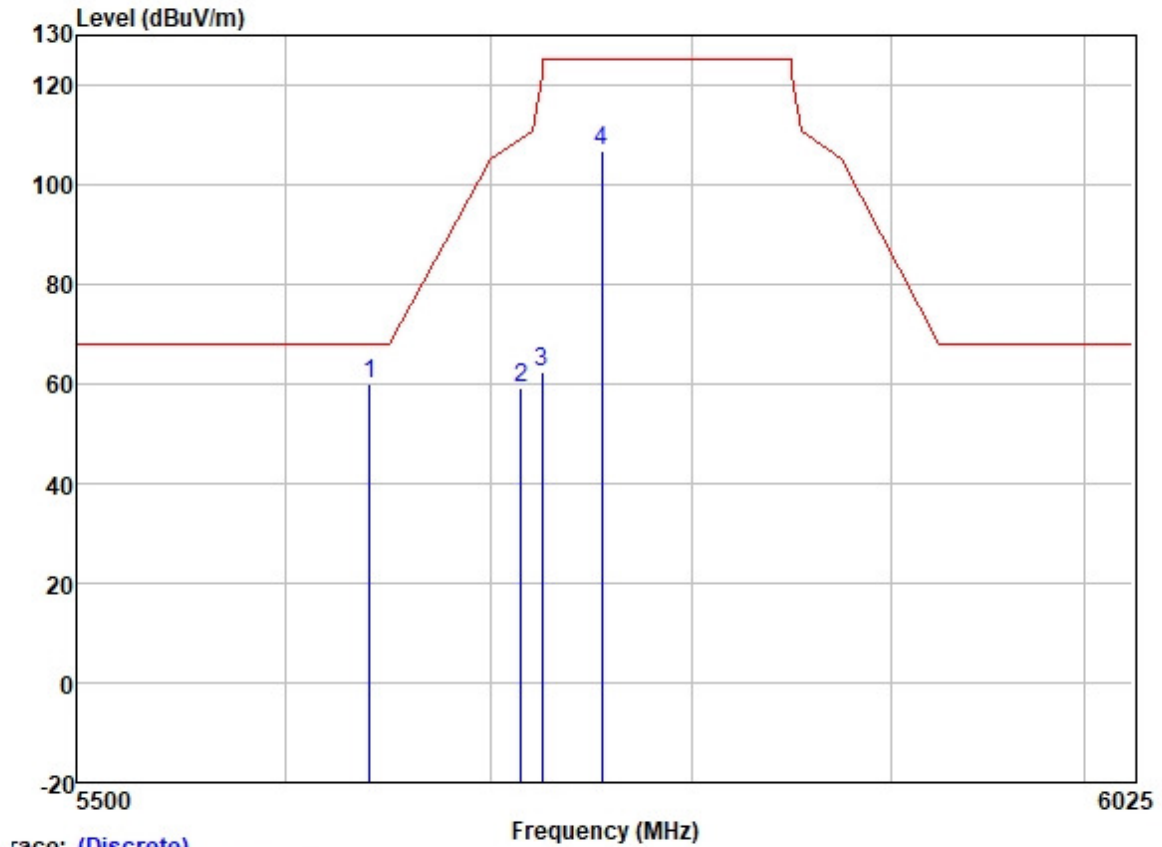
Test Mode: 24; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 20MHz; Channel: High



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	110.08	32.23	6.04	36.90	111.45	125.20	-13.75	VERTICAL Peak
2	5850.000	58.45	32.25	6.00	36.90	59.80	122.20	-62.40	VERTICAL Peak
3	5860.000	58.47	32.27	5.96	36.90	59.80	109.40	-49.60	VERTICAL Peak
4	5932.605	60.17	32.34	6.00	36.90	61.61	68.20	-6.59	VERTICAL Peak

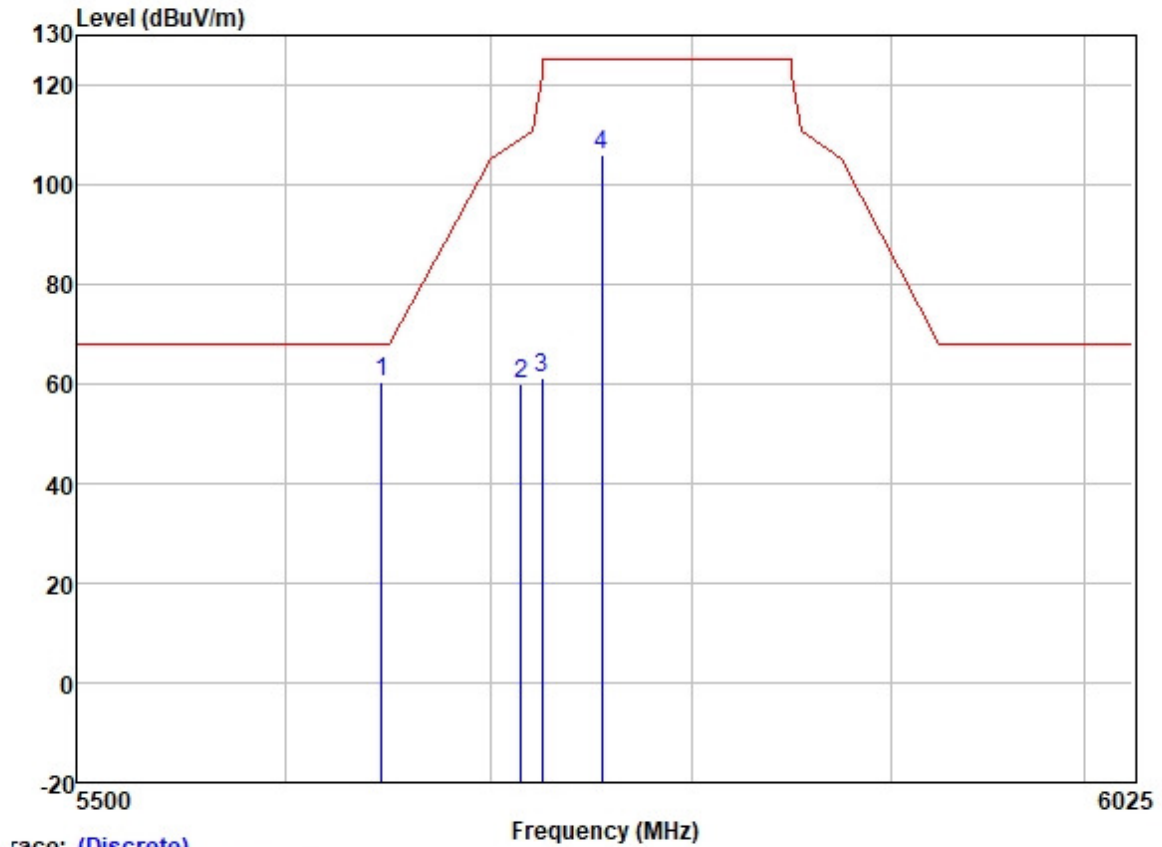
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5640.765	58.62	31.95	6.35	36.89	60.03	68.20	-8.17	HORIZONTAL Peak
2	5715.000	57.74	32.04	6.33	36.89	59.22	109.40	-50.18	HORIZONTAL Peak
3	5725.000	60.90	32.07	6.25	36.89	62.33	122.20	-59.87	HORIZONTAL Peak
4	5755.000	105.33	32.10	6.20	36.89	106.74	125.20	-18.46	HORIZONTAL Peak

Test Mode: 24; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: Low



Trace: (Discrete)

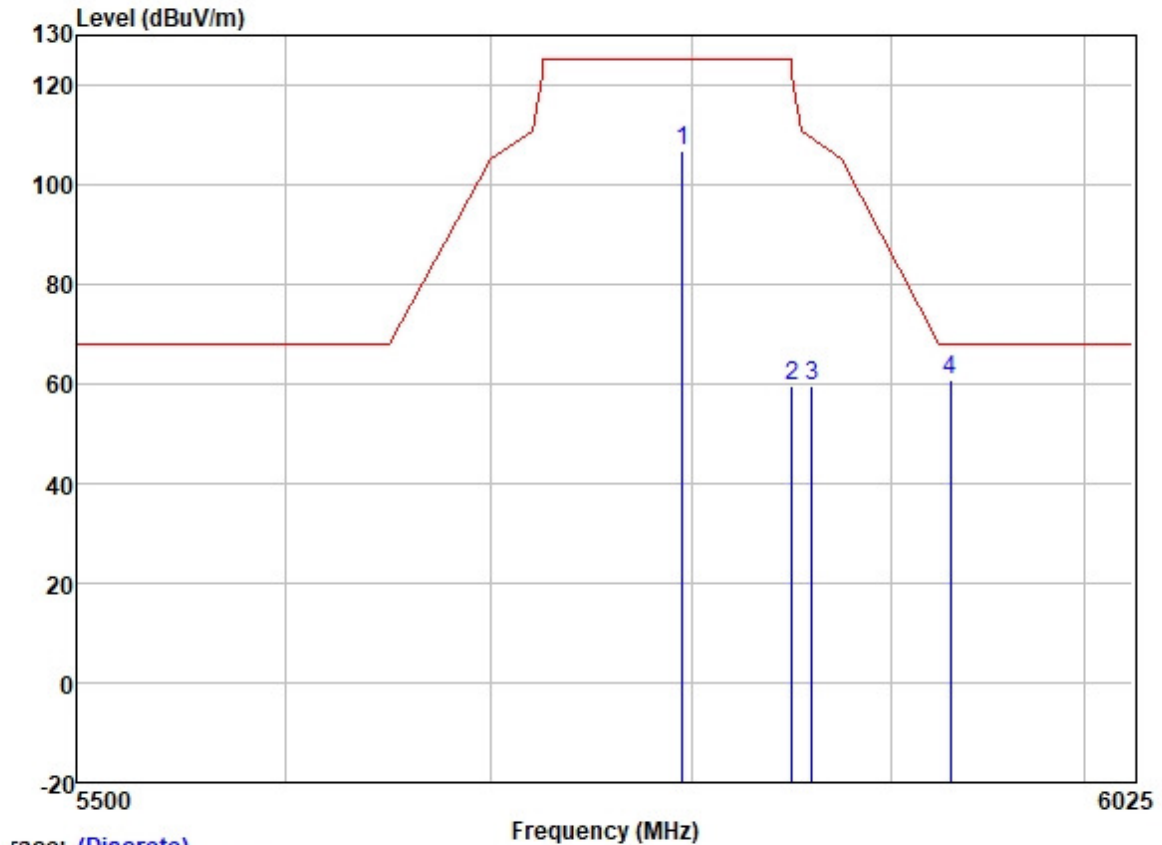
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5646.426	59.14	31.95	6.35	36.89	60.55	68.20	-7.65	VERTICAL	Peak
2	5715.000	58.39	32.04	6.33	36.89	59.87	109.40	-49.53	VERTICAL	Peak
3	5725.000	59.73	32.07	6.25	36.89	61.16	122.20	-61.04	VERTICAL	Peak
4	5755.000	104.53	32.10	6.20	36.89	105.94	125.20	-19.26	VERTICAL	Peak



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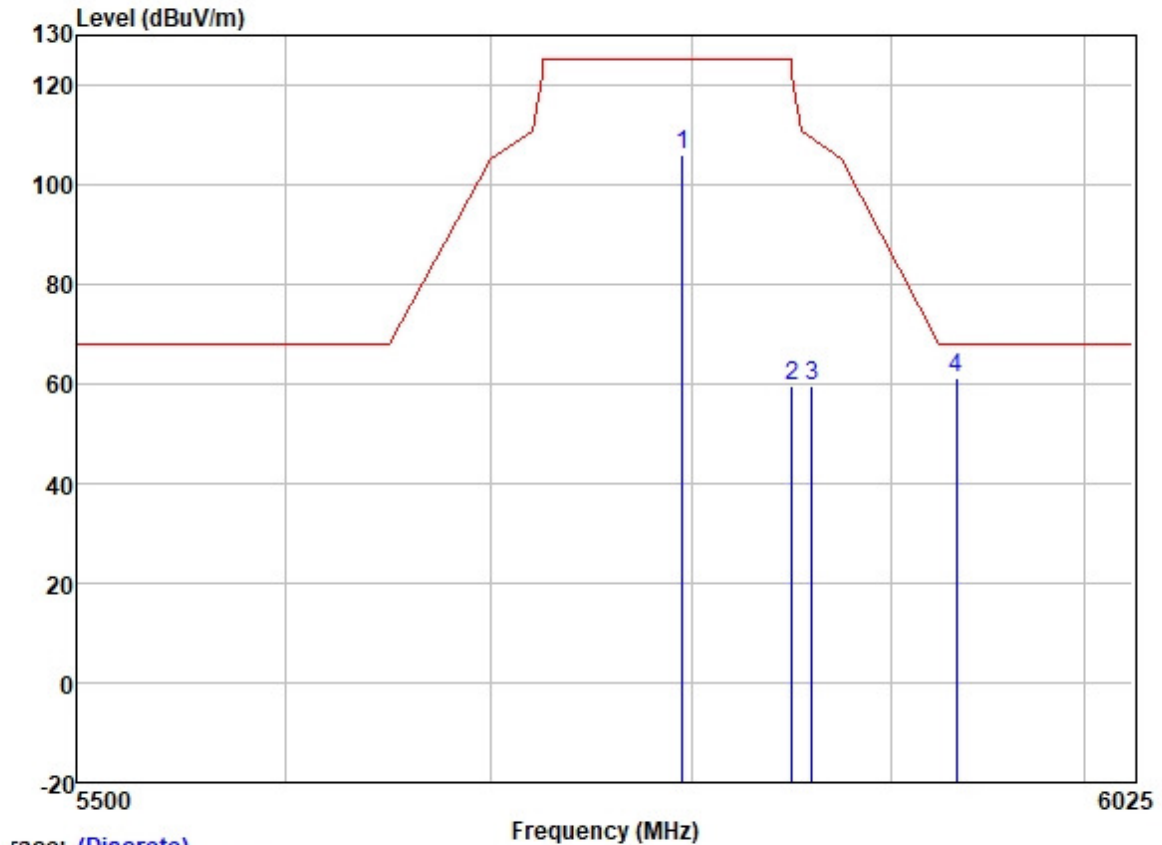
Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 40MHz; Channel: High



Trace: (Discrete)

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	105.49	32.19	6.10	36.89	106.89	125.20	-18.31	HORIZONTAL	Peak
2	5850.000	58.40	32.25	6.00	36.90	59.75	122.20	-62.45	HORIZONTAL	Peak
3	5860.000	58.08	32.27	5.96	36.90	59.41	109.40	-49.99	HORIZONTAL	Peak
4	5930.776	59.26	32.34	6.00	36.90	60.70	68.20	-7.50	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

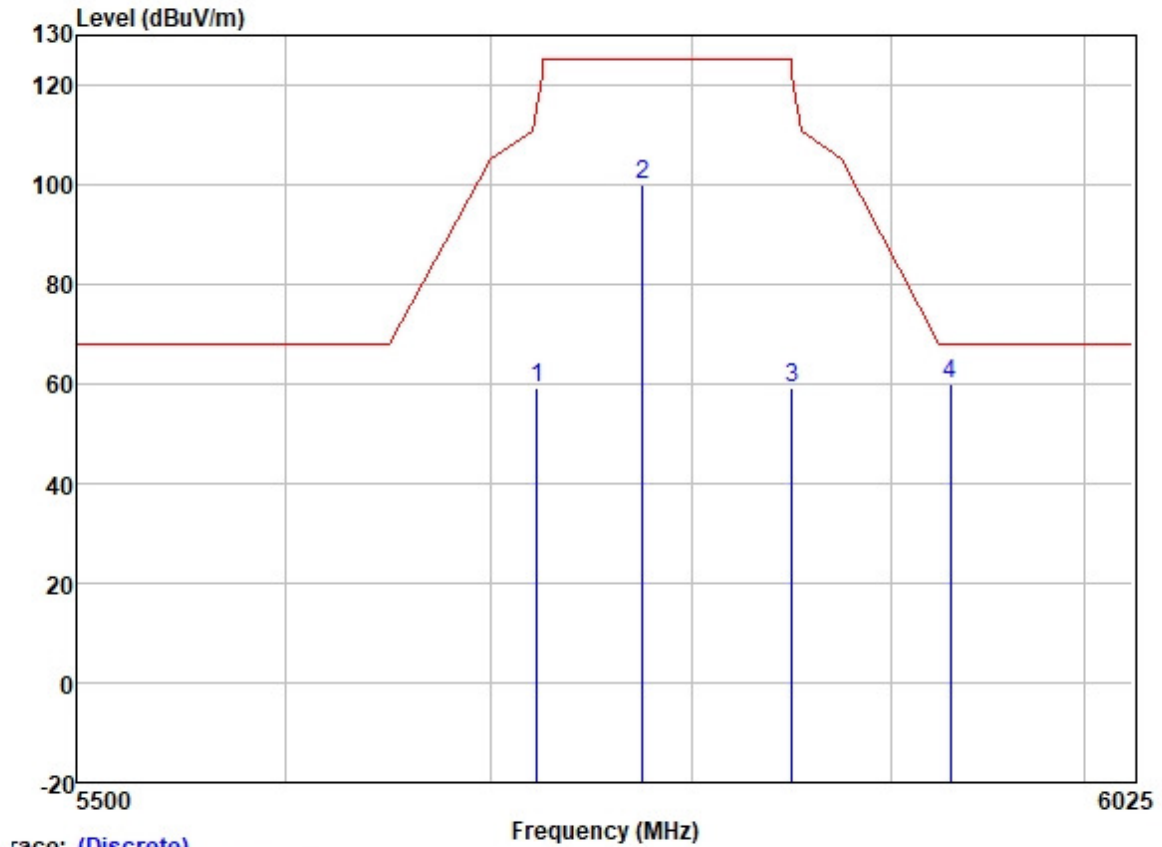
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	104.72	32.19	6.10	36.89	106.12	125.20	-19.08	VERTICAL Peak
2	5850.000	58.15	32.25	6.00	36.90	59.50	122.20	-62.70	VERTICAL Peak
3	5860.000	58.22	32.27	5.96	36.90	59.55	109.40	-49.85	VERTICAL Peak
4	5933.618	59.91	32.34	6.00	36.90	61.35	68.20	-6.85	VERTICAL Peak



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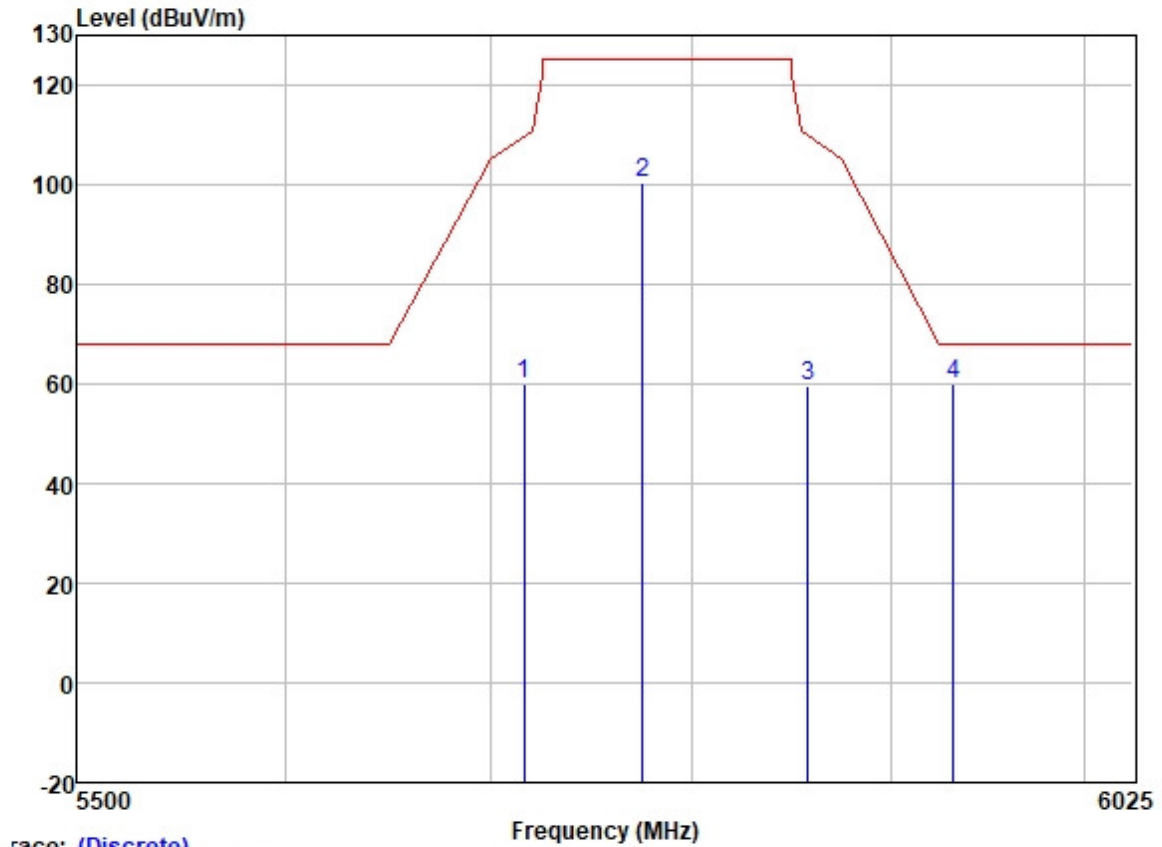
Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5722.582	57.95	32.07	6.25	36.89	59.38	116.69	-57.31	HORIZONTAL Peak
2	5775.000	98.49	32.16	6.10	36.89	99.86	125.20	-25.34	HORIZONTAL Peak
3	5850.267	57.93	32.25	6.00	36.90	59.28	121.59	-62.31	HORIZONTAL Peak
4	5930.927	58.42	32.34	6.00	36.90	59.86	68.20	-8.34	HORIZONTAL Peak

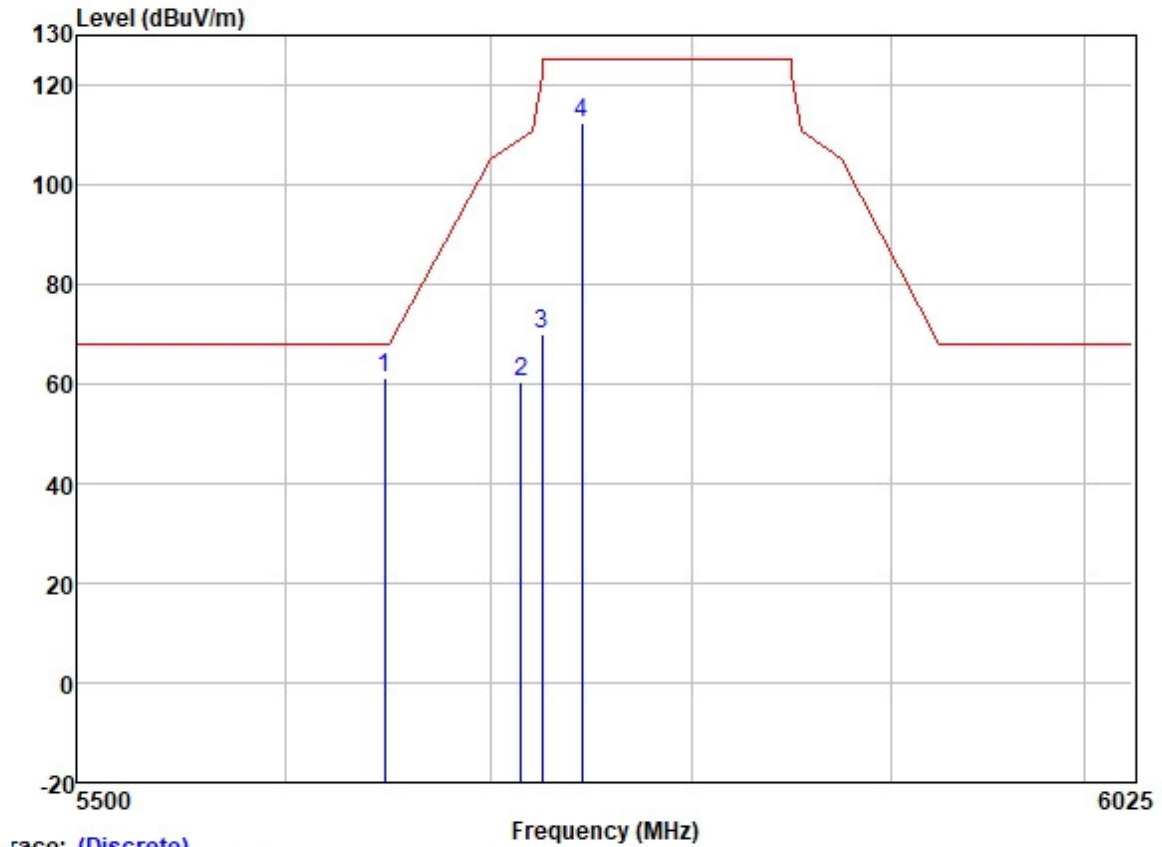
Test Mode: 24; Polarity: Vertical; Modulation: 802.11ac; Bandwidth: 80MHz; Channel: middle



Trace: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5716.256	58.38	32.04	6.33	36.89	59.86	109.75	-49.89	VERTICAL Peak
2	5775.000	99.02	32.16	6.10	36.89	100.39	125.20	-24.81	VERTICAL Peak
3	5858.283	58.12	32.27	5.96	36.90	59.45	109.88	-50.43	VERTICAL Peak
4	5932.177	58.74	32.34	6.00	36.90	60.18	68.20	-8.02	VERTICAL Peak

Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 20MHz; Channel: Low



Trace: (Discrete)

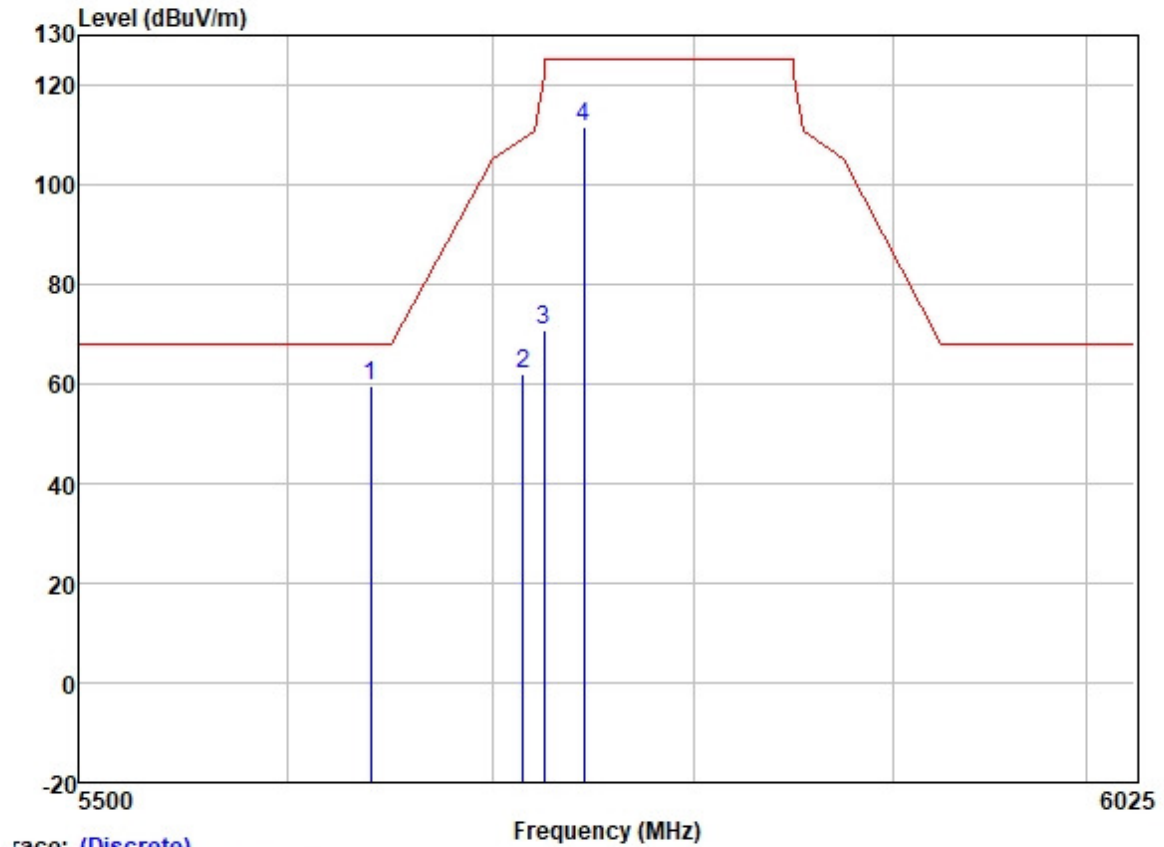
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5648.026	59.77	31.95	6.35	36.89	61.18	68.20	-7.02	HORIZONTAL	Peak
2	5715.000	58.91	32.04	6.33	36.89	60.39	109.40	-49.01	HORIZONTAL	Peak
3	5725.000	68.60	32.07	6.25	36.89	70.03	122.20	-52.17	HORIZONTAL	Peak
4	5745.000	111.09	32.10	6.20	36.89	112.50	125.20	-12.70	HORIZONTAL	Peak



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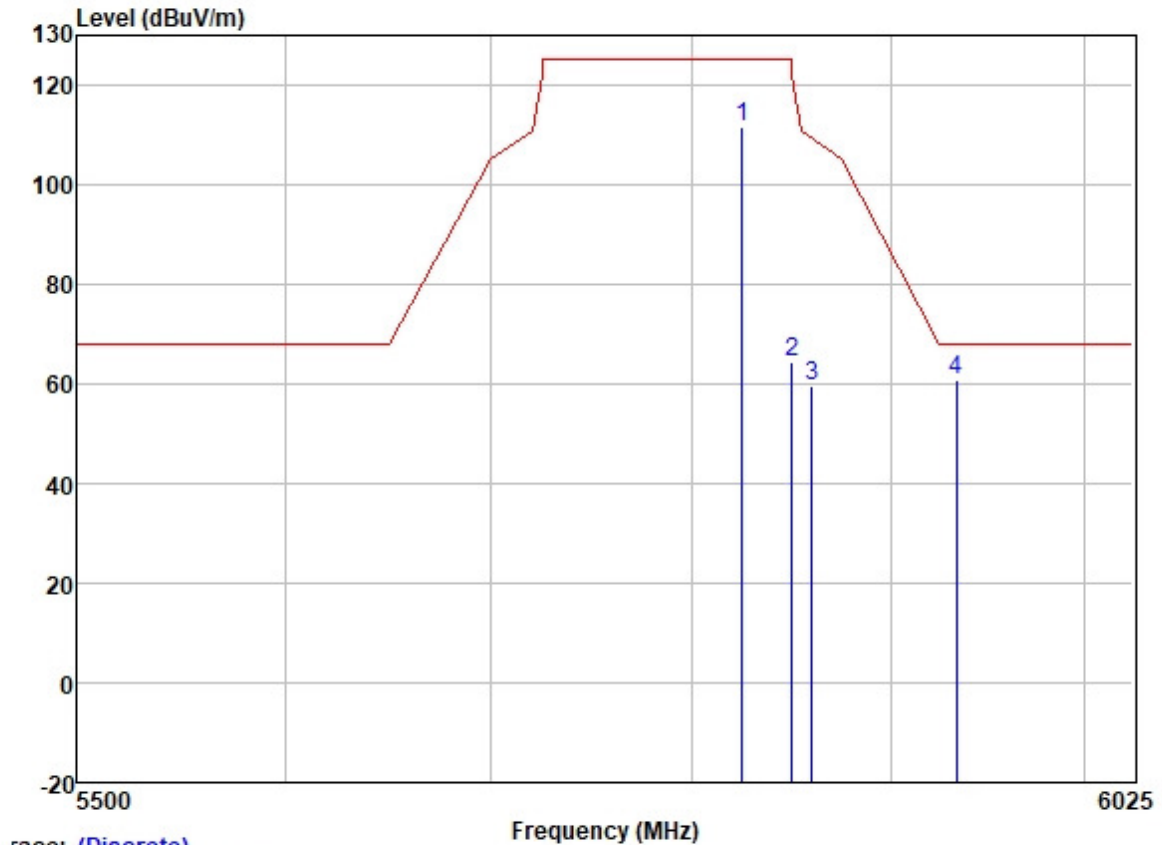
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Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5640.138	58.28	31.95	6.35	36.89	59.69	68.20	-8.51	VERTICAL	Peak
2	5715.000	60.54	32.04	6.33	36.89	62.02	109.40	-47.38	VERTICAL	Peak
3	5725.000	69.48	32.07	6.25	36.89	70.91	122.20	-51.29	VERTICAL	Peak
4	5745.000	110.36	32.10	6.20	36.89	111.77	125.20	-13.43	VERTICAL	Peak

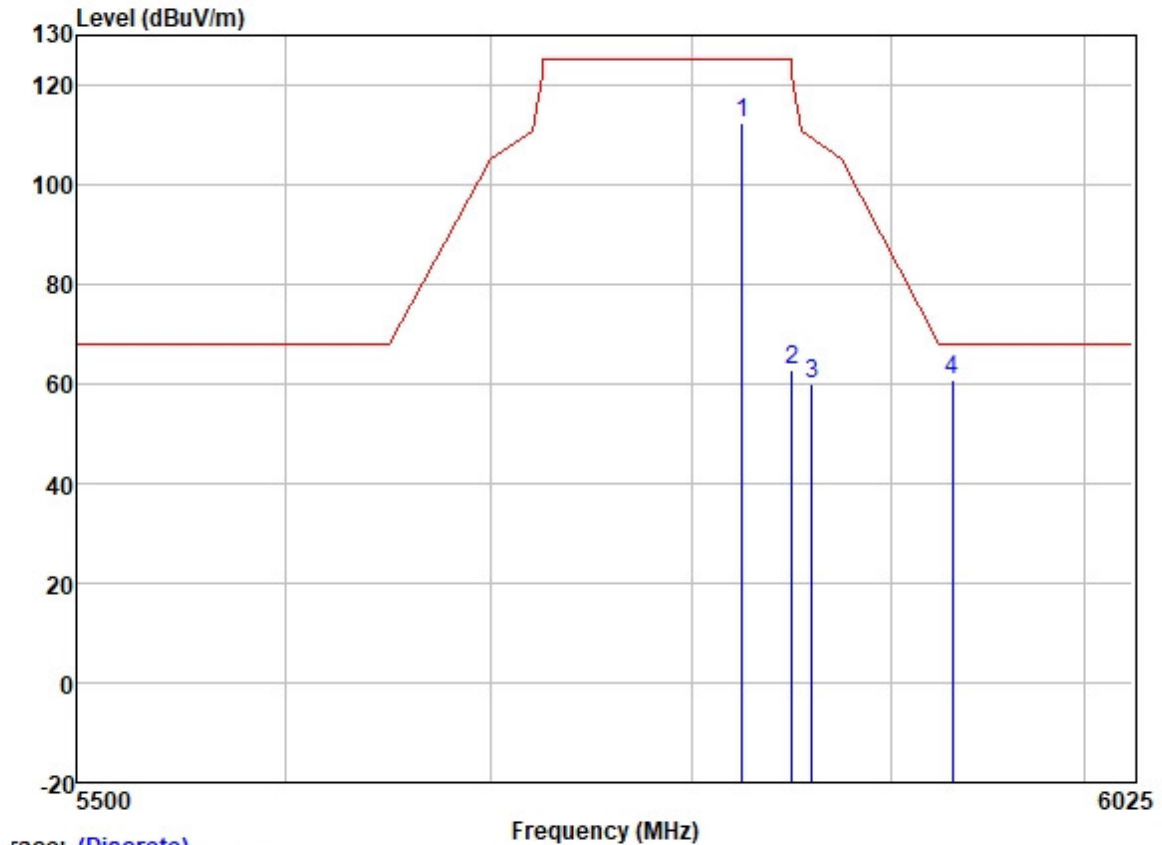
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Trace: (Discrete)

		ReadAntenna	Cable	Preamp		Limit	Over			
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	110.16	32.23	6.04	36.90	111.53	125.20	-13.67	HORIZONTAL	Peak
2	5850.000	63.04	32.25	6.00	36.90	64.39	122.20	-57.81	HORIZONTAL	Peak
3	5860.000	58.38	32.27	5.96	36.90	59.71	109.40	-49.69	HORIZONTAL	Peak
4	5933.546	59.32	32.34	6.00	36.90	60.76	68.20	-7.44	HORIZONTAL	Peak

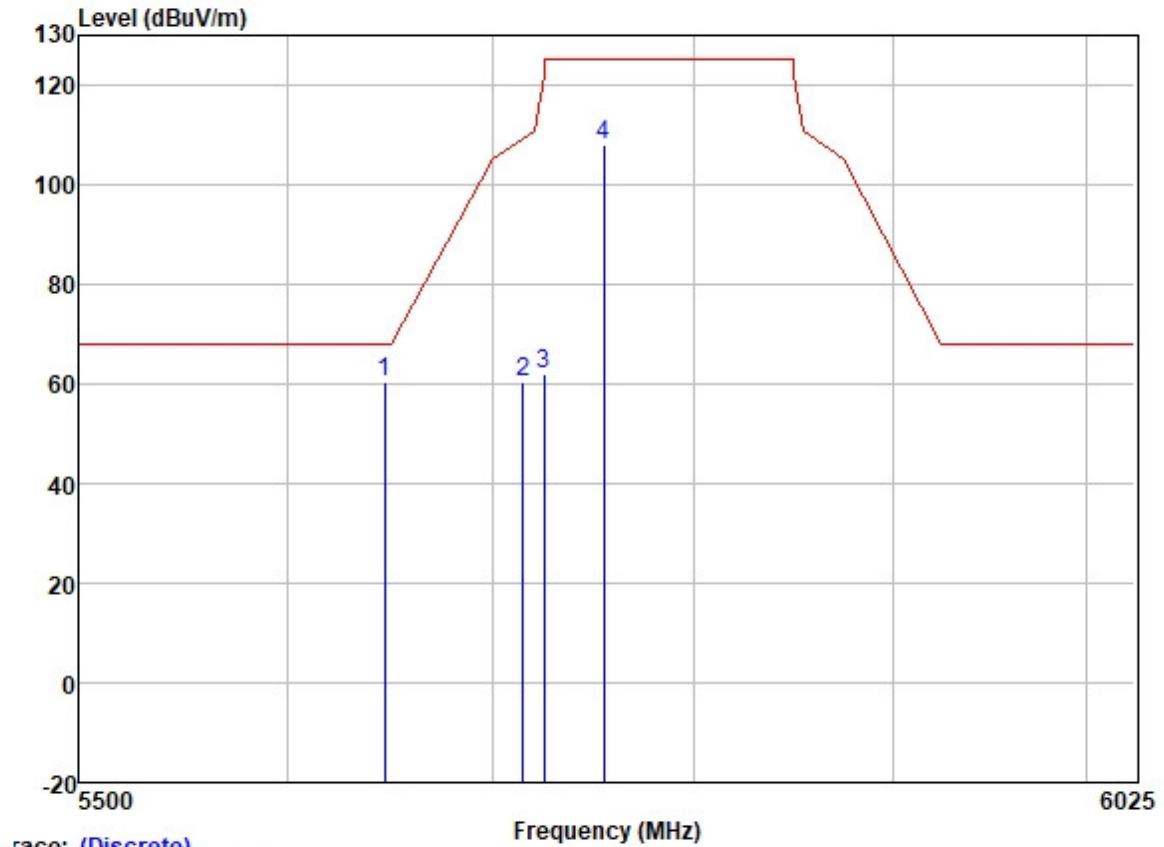
Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



Trace: (Discrete)

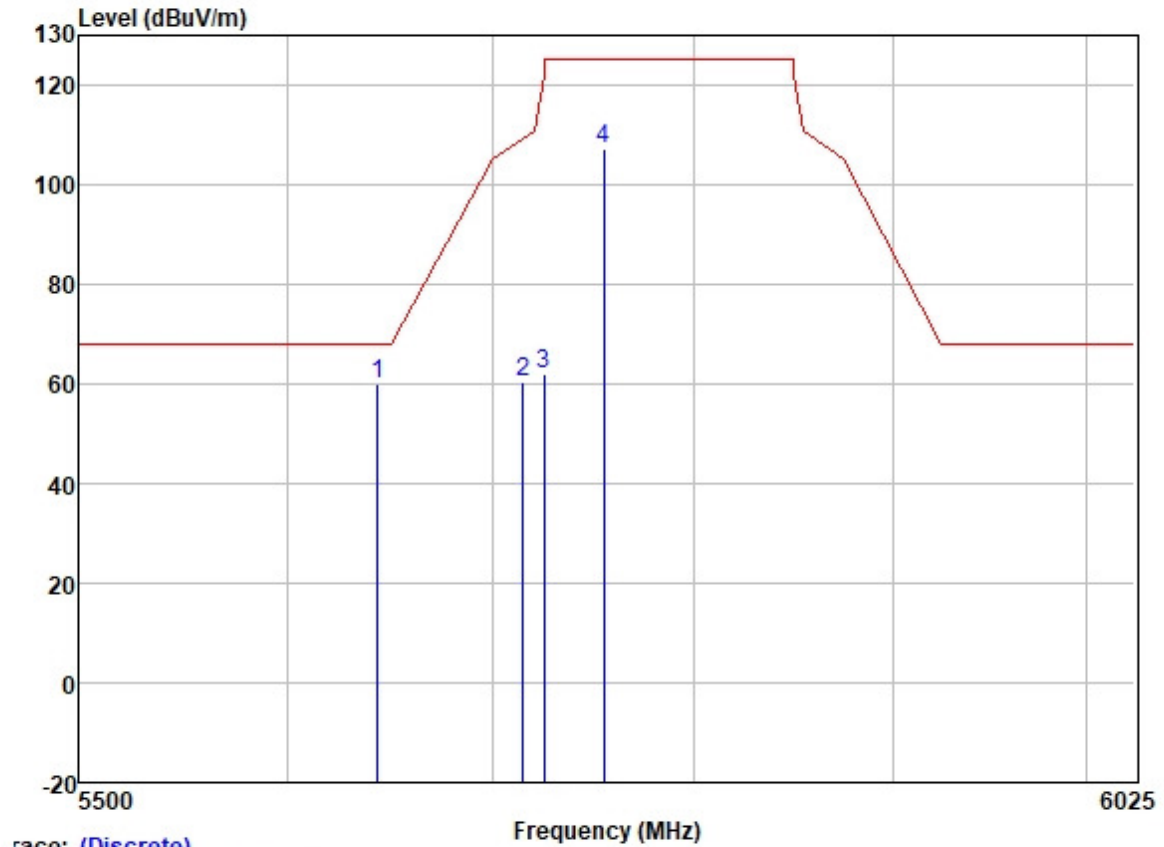
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	110.88	32.23	6.04	36.90	112.25	125.20	-12.95	VERTICAL	Peak
2	5850.000	61.50	32.25	6.00	36.90	62.85	122.20	-59.35	VERTICAL	Peak
3	5860.000	58.63	32.27	5.96	36.90	59.96	109.40	-49.44	VERTICAL	Peak
4	5931.665	59.38	32.34	6.00	36.90	60.82	68.20	-7.38	VERTICAL	Peak

Test Mode: 24; Polarity: Horizontal; Modulation: 802.11ax(Full RU0); Bandwidth: 40MHz; Channel: Low



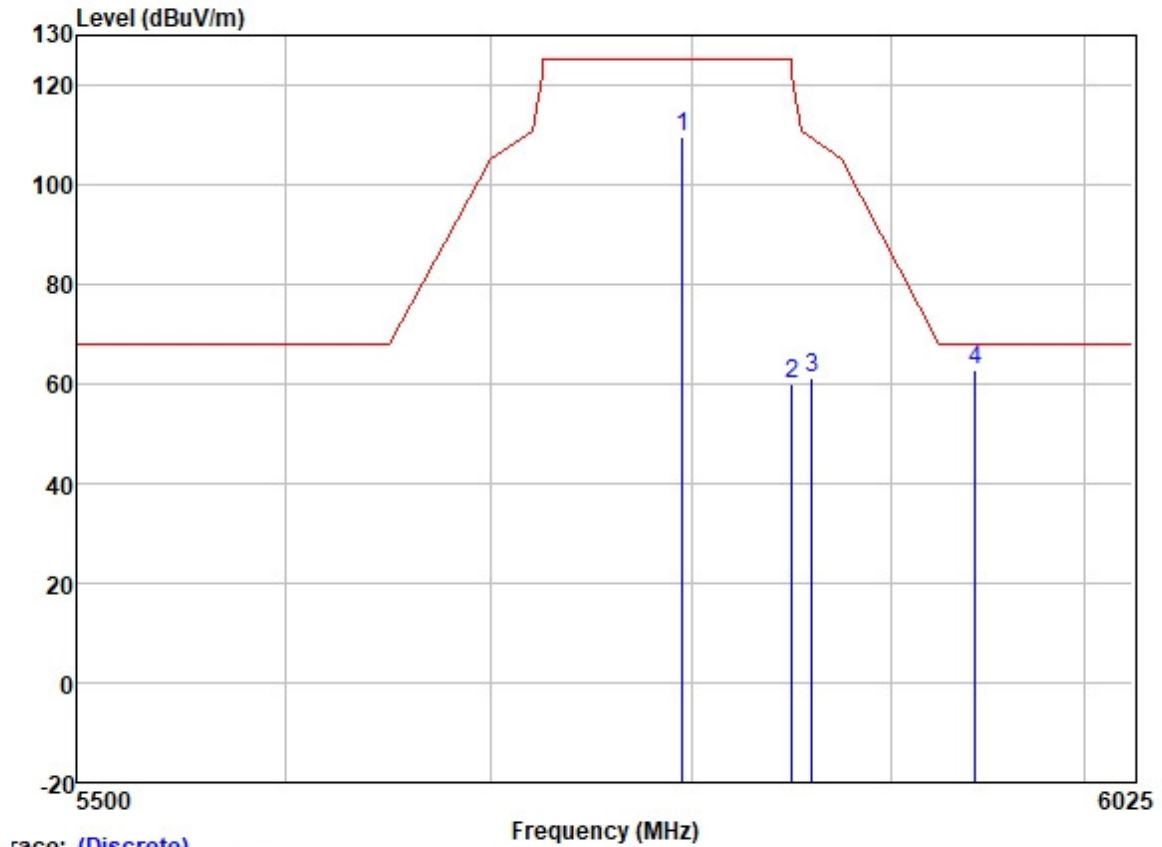
Race: (Discrete)	Frequency (MHz)									
	Read Freq	Antenna Level	Cable Factor	Preamp Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5646.732	58.89	31.95	6.35	36.89	60.30	68.20	-7.90	HORIZONTAL	Peak
2	5715.000	59.05	32.04	6.33	36.89	60.53	109.40	-48.87	HORIZONTAL	Peak
3	5725.000	60.52	32.07	6.25	36.89	61.95	122.20	-60.25	HORIZONTAL	Peak
4	5755.000	106.53	32.10	6.20	36.89	107.94	125.20	-17.26	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5643.671	58.44	31.95	6.35	36.89	59.85	68.20	-8.35	VERTICAL	Peak
2	5715.000	58.85	32.04	6.33	36.89	60.33	109.40	-49.07	VERTICAL	Peak
3	5725.000	60.53	32.07	6.25	36.89	61.96	122.20	-60.24	VERTICAL	Peak
4	5755.000	105.88	32.10	6.20	36.89	107.29	125.20	-17.91	VERTICAL	Peak

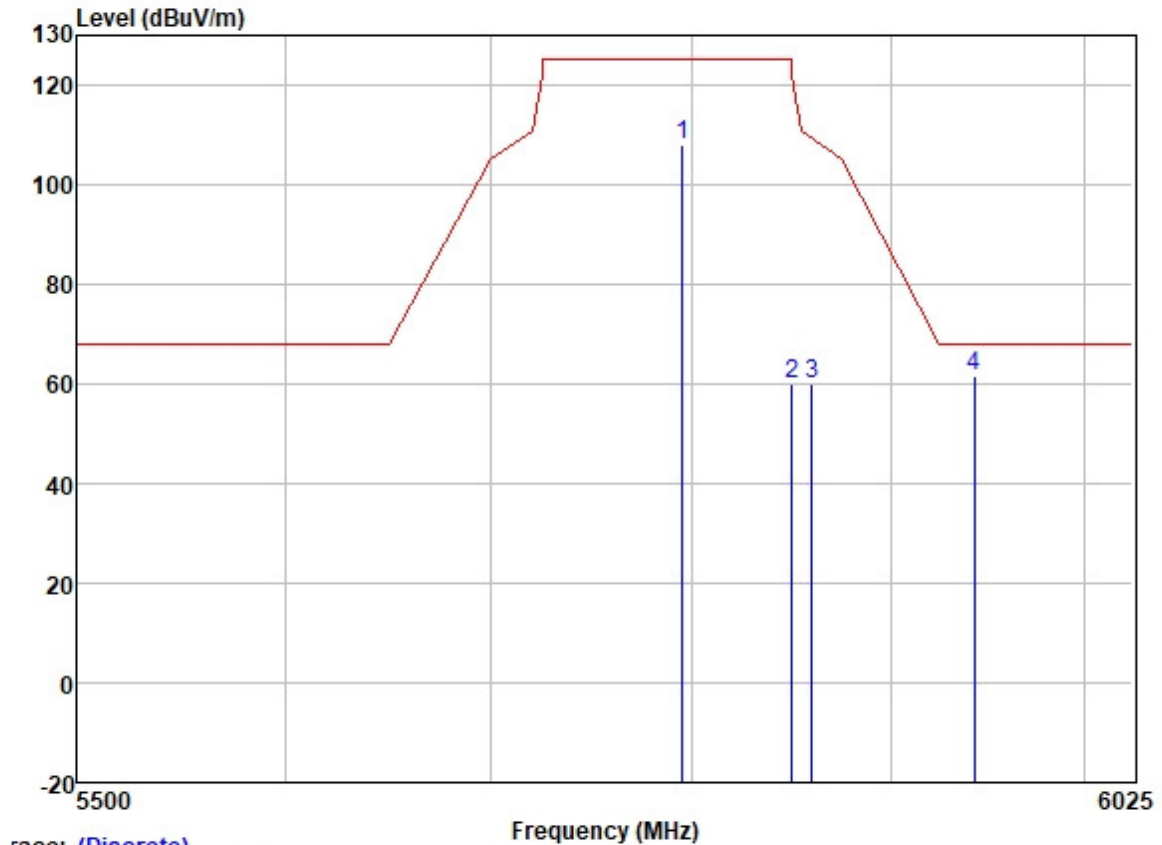
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Trace: (Discrete)

		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	108.34	32.19	6.10	36.89	109.74	125.20	-15.46	HORIZONTAL	Peak
2	5850.000	58.81	32.25	6.00	36.90	60.16	122.20	-62.04	HORIZONTAL	Peak
3	5860.000	59.91	32.27	5.96	36.90	61.24	109.40	-48.16	HORIZONTAL	Peak
4	5943.576	61.22	32.36	6.05	36.90	62.73	68.20	-5.47	HORIZONTAL	Peak

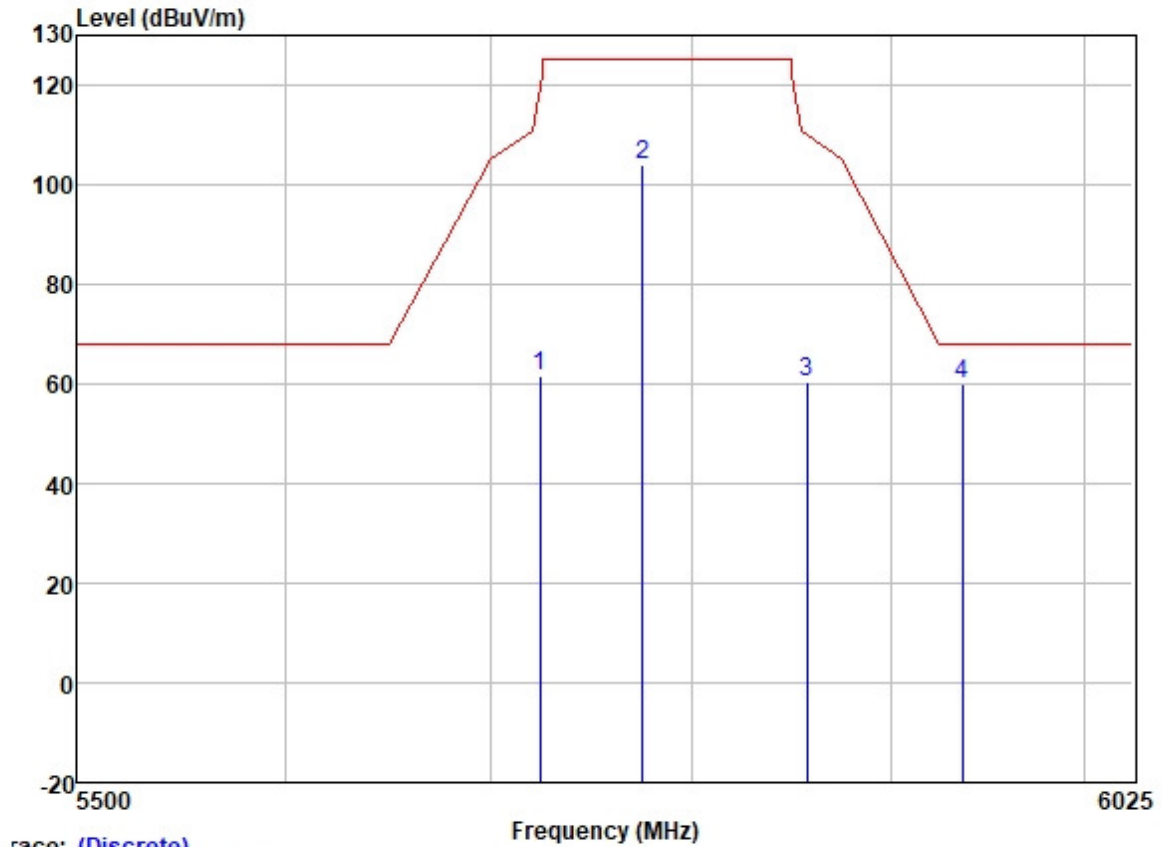
Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High



Trace: (Discrete)

		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	106.40	32.19	6.10	36.89	107.80	125.20	-17.40	VERTICAL	Peak
2	5850.000	58.57	32.25	6.00	36.90	59.92	122.20	-62.28	VERTICAL	Peak
3	5860.000	58.70	32.27	5.96	36.90	60.03	109.40	-49.37	VERTICAL	Peak
4	5942.763	60.19	32.36	6.05	36.90	61.70	68.20	-6.50	VERTICAL	Peak

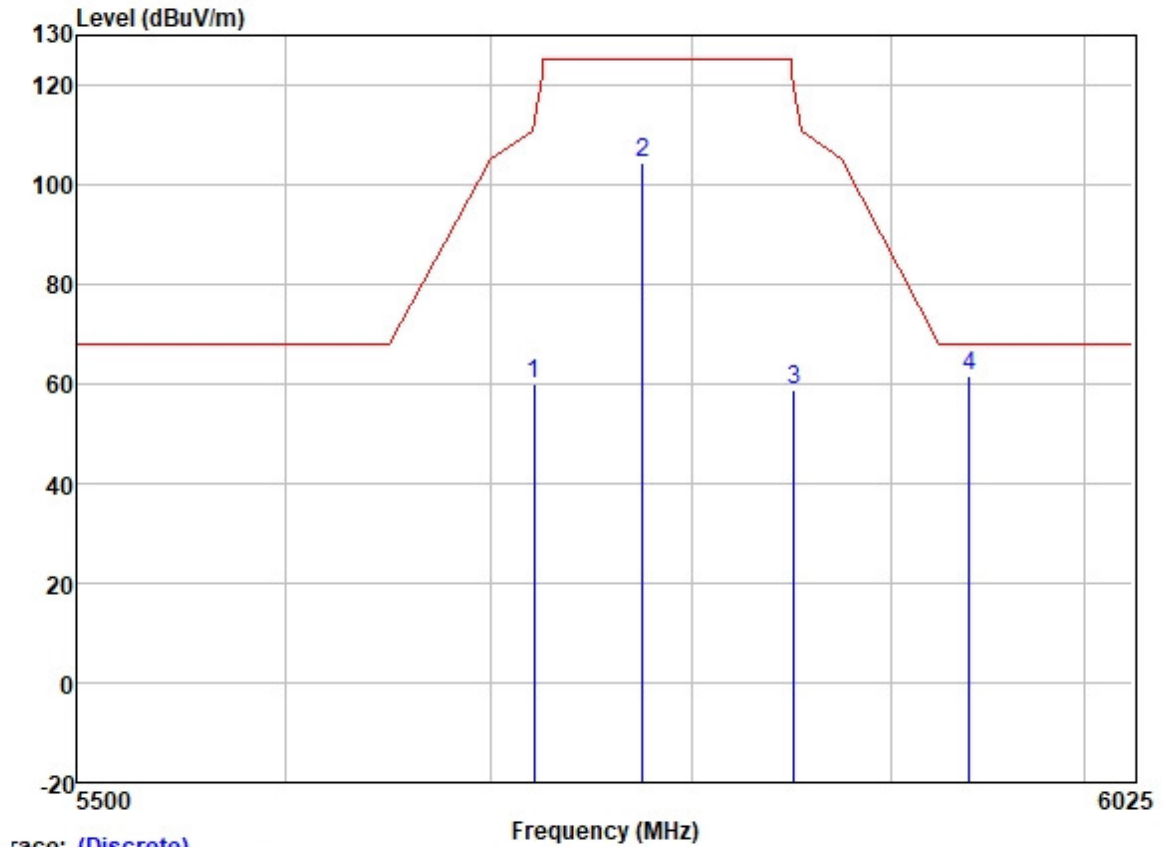
Test Mode: 24; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

		ReadAntenna	Cable	Preamp		Limit	Over			
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5724.390	60.11	32.07	6.25	36.89	61.54	120.81	-59.27	HORIZONTAL	Peak
2	5775.000	102.72	32.16	6.10	36.89	104.09	125.20	-21.11	HORIZONTAL	Peak
3	5857.666	59.22	32.27	5.96	36.90	60.55	110.05	-49.50	HORIZONTAL	Peak
4	5936.552	58.59	32.34	6.00	36.90	60.03	68.20	-8.17	HORIZONTAL	Peak

Test Mode: 24; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle



		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5721.376	58.64	32.04	6.33	36.89	60.12	113.94	-53.82	VERTICAL	Peak
2	5775.000	102.89	32.16	6.10	36.89	104.26	125.20	-20.94	VERTICAL	Peak
3	5851.191	57.45	32.25	6.00	36.90	58.80	119.48	-60.68	VERTICAL	Peak
4	5940.305	60.17	32.34	6.00	36.90	61.61	68.20	-6.59	VERTICAL	Peak

7.10 Band Edge

Test Requirement 47 CFR Part 15, Subpart E 15.407(b)

Test Method: KDB 789033 D02 II

Limit:

Frequency band(MHz)	Limit
5150-5250	-27dBm/MHz
5250-5350	-27dBm/MHz
5470-5725	-27dBm/MHz
5725-5850	Below 5650MHz & above 5925MHz, -27dBm/MHz 5650-5700MHz & 5875-5925MHz, 10dBm/MHz 5700-5720MHz & 5855-5875MHz, 15.6dBm/MHz 5720-5725MHz & 5850-5855MHz, 27dBm/MHz

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 22.9 °C

Humidity: 39.5 % RH

Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

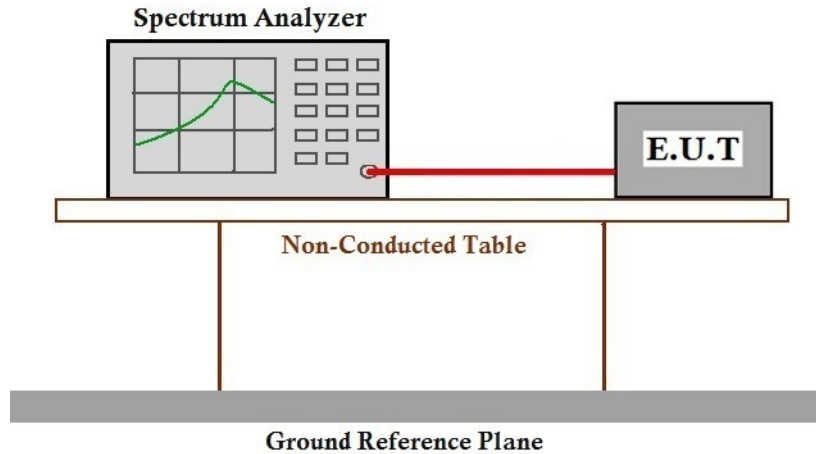
Pre-scan / Final test	Mode Code	Description
Final test	23	TX mode (U-NII-4) Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HEW80). Only the data of worst case is recorded in the report.



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7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer To Appendix For Details

8 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR2108020828AT

9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for GZCR2108020828AT



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10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1									
Mode	TX Type	Frequency (MHz)	RU	RU Pos	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5745	/	/	1.98	1.99	99.05	0.04	0.11
		5785	/	/	1.98	1.99	99.05	0.04	0.11
		5825	/	/	1.98	1.99	99.05	0.04	0.11
802.11n (HT20)	MIMO	5745	/	/	5.42	5.44	99.63	0.02	0.09
		5785	/	/	5.42	5.44	99.63	0.02	0.09
		5825	/	/	5.42	5.44	99.67	0.01	0.00
802.11n (HT40)	MIMO	5755	/	/	5.42	5.44	99.63	0.02	0.09
		5795	/	/	5.42	5.44	99.63	0.02	0.09
802.11ac (VHT20)	MIMO	5745	/	/	5.42	5.44	99.67	0.01	0.00
		5785	/	/	5.42	5.44	99.63	0.02	0.09
		5825	/	/	5.42	5.44	99.63	0.02	0.09
802.11ac (VHT40)	MIMO	5755	/	/	5.42	5.44	99.63	0.02	0.09
		5795	/	/	5.42	5.44	99.63	0.02	0.09
802.11ac (VHT80)	MIMO	5775	/	/	5.42	5.44	99.63	0.02	0.09
802.11ax (HEW20)	MIMO	5745	RU242	Left	5.44	5.46	99.67	0.01	0.00
		5785	RU242	Left	5.44	5.46	99.67	0.01	0.00
		5825	RU242	Left	5.44	5.46	99.67	0.01	0.00
802.11ax (HEW40)	MIMO	5755	RU484	Left	5.44	5.46	99.63	0.02	0.14
		5795	RU484	Left	5.44	5.46	99.63	0.02	0.14
802.11ax (HEW80)	MIMO	5775	RU996	Left	5.44	5.46	99.63	0.02	0.15

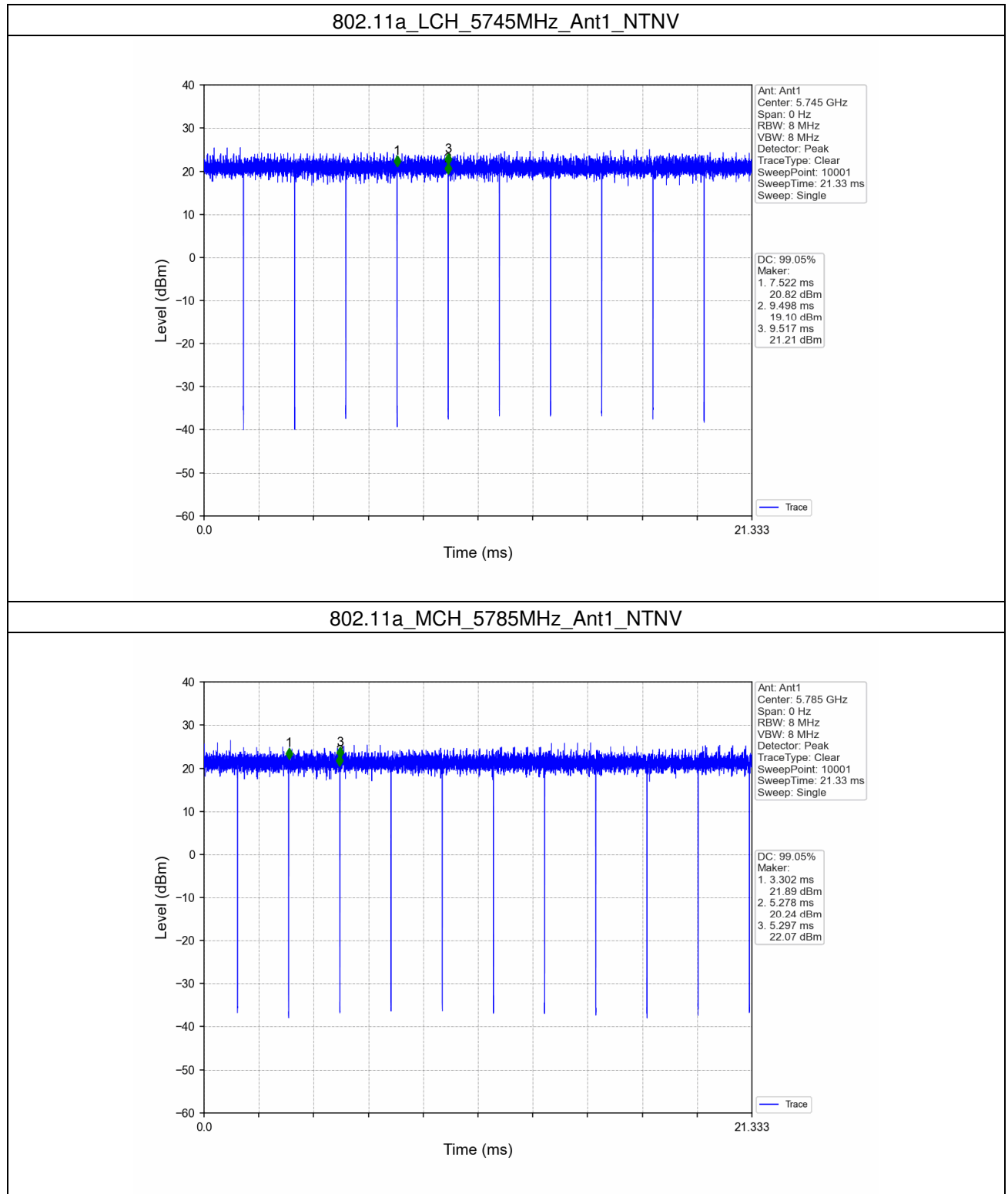
Note1: Only for Report Use



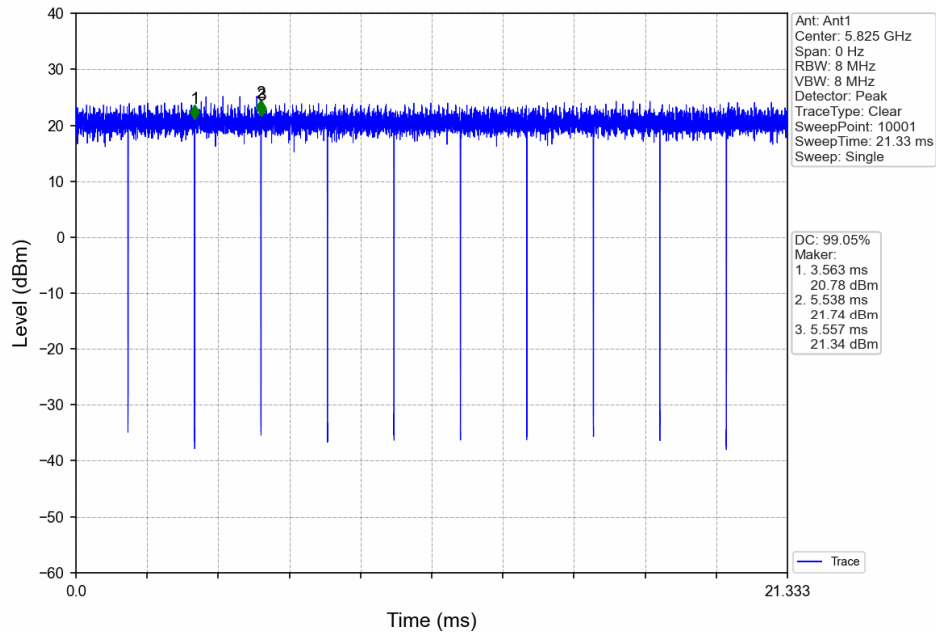
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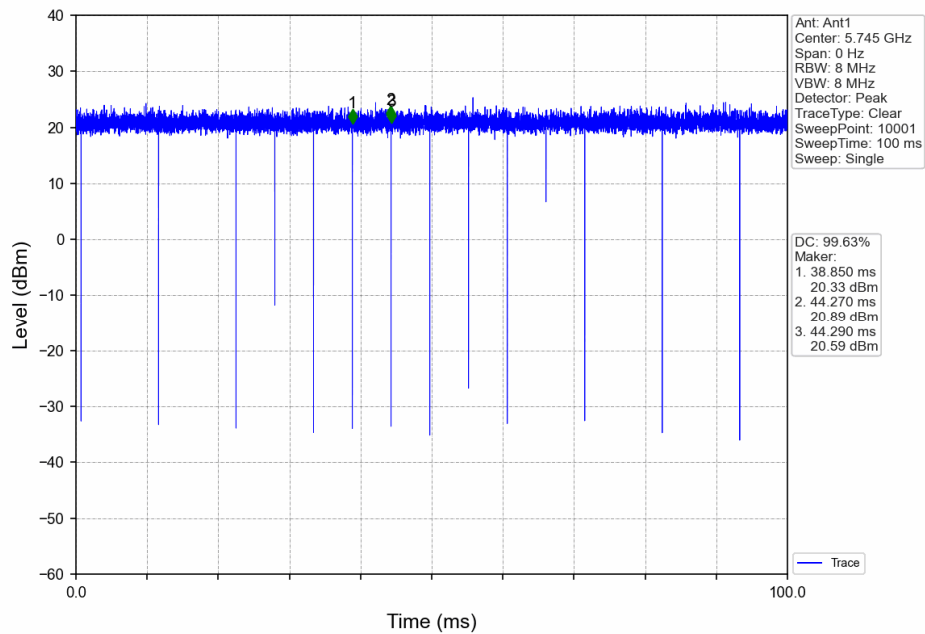
1.1.2 Test Graph



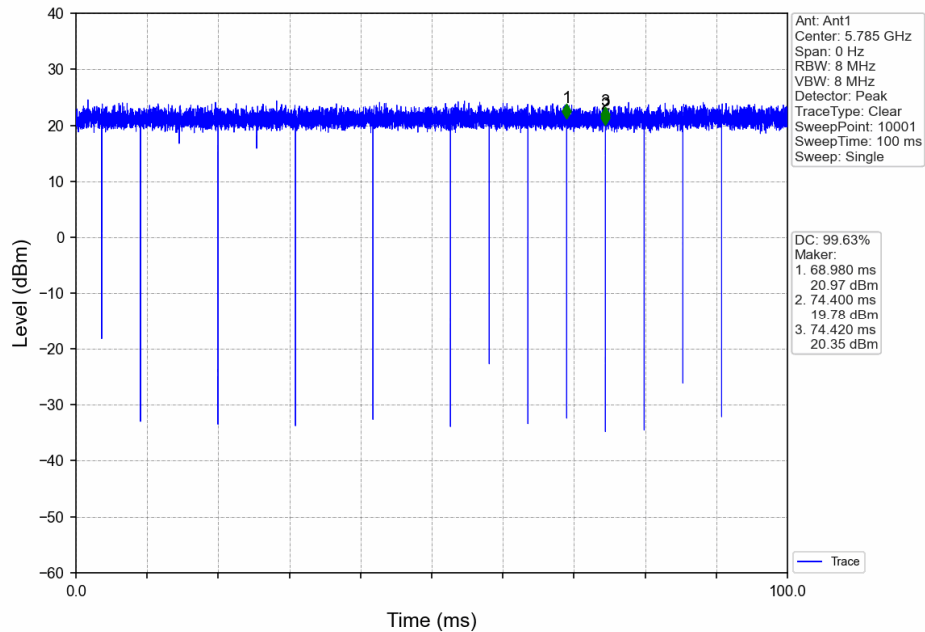
802.11a_HCH_5825MHz_Ant1_NTNV



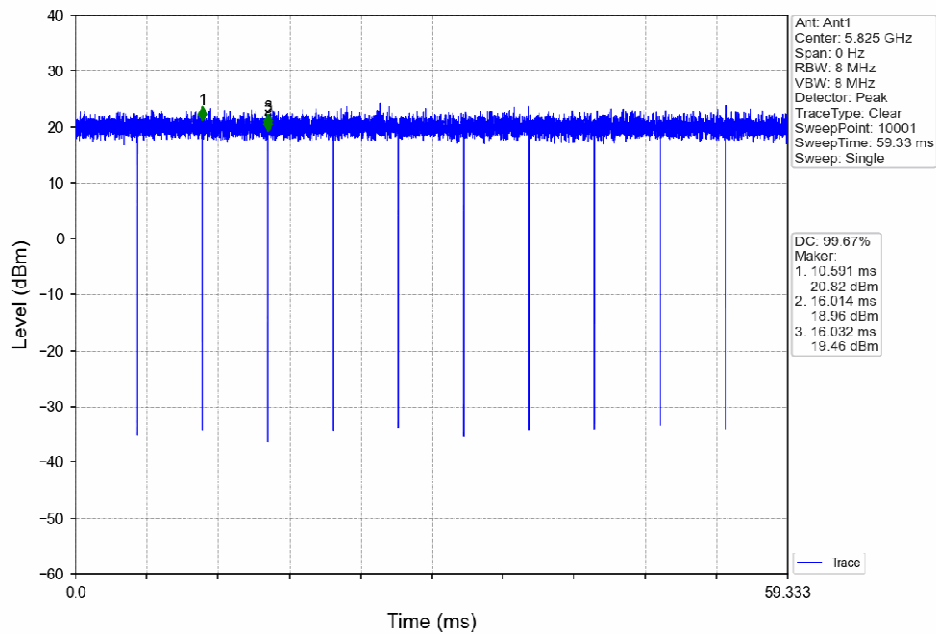
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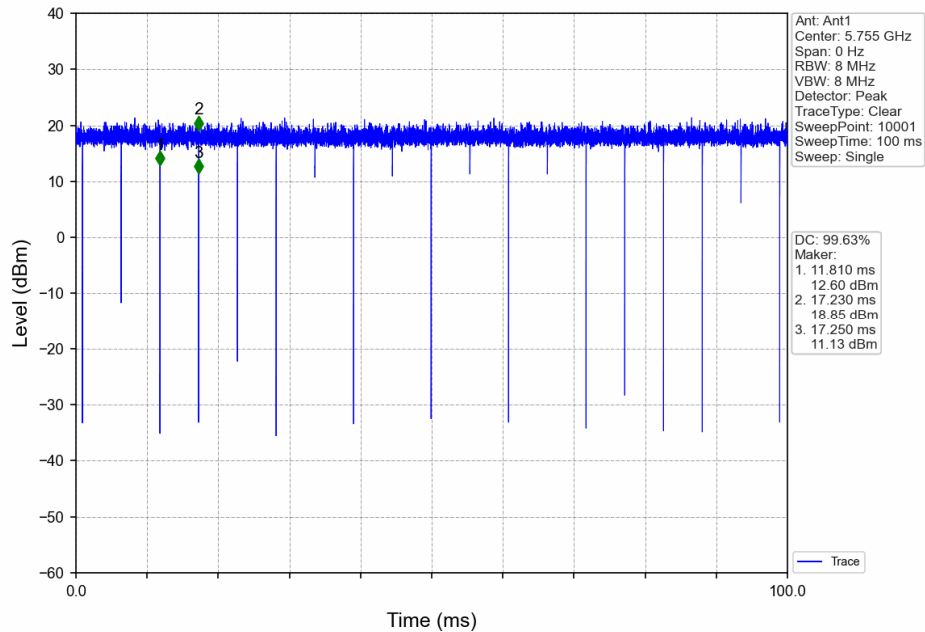
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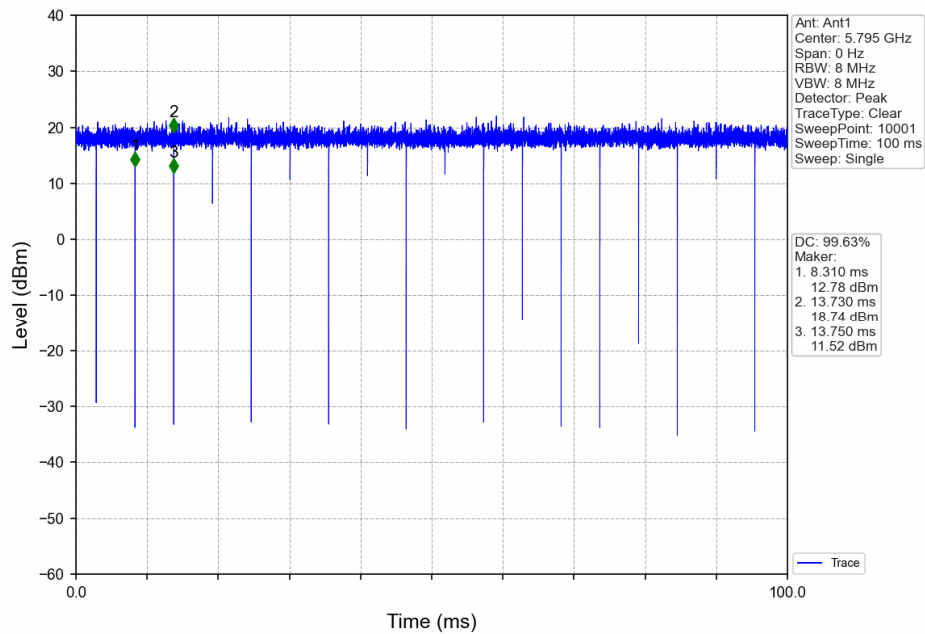
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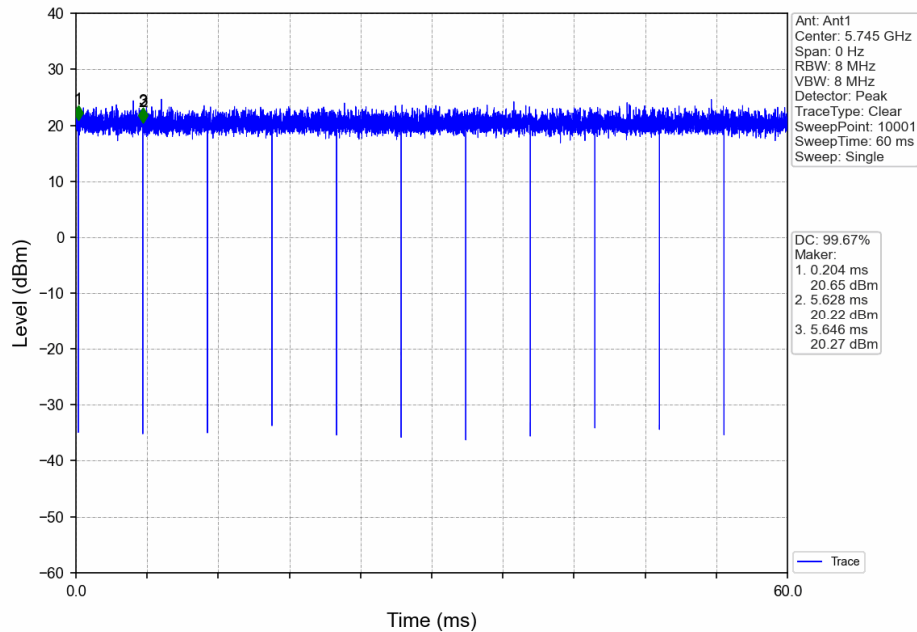
802.11n(HT40)_LCH_5755MHz_Ant1_NTNV



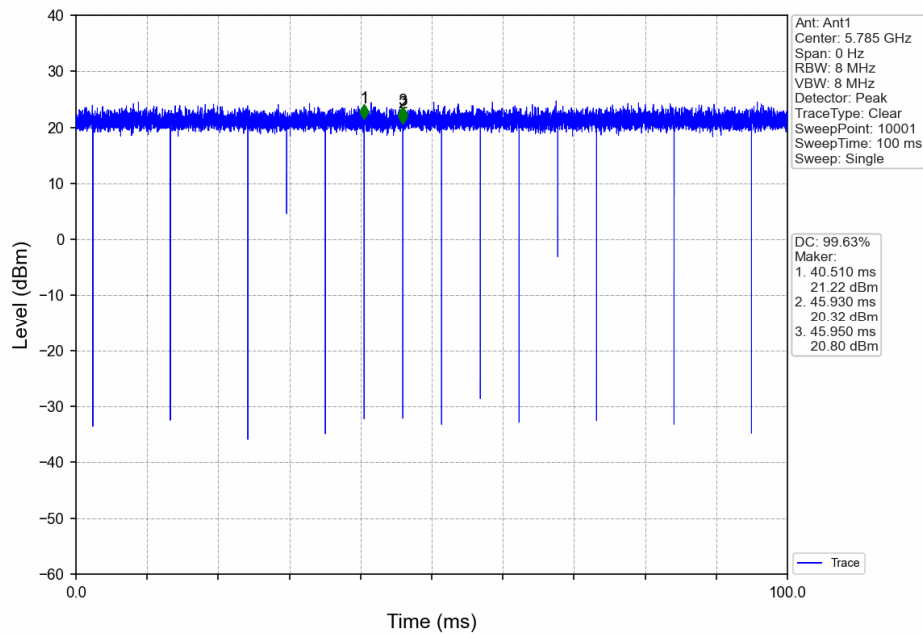
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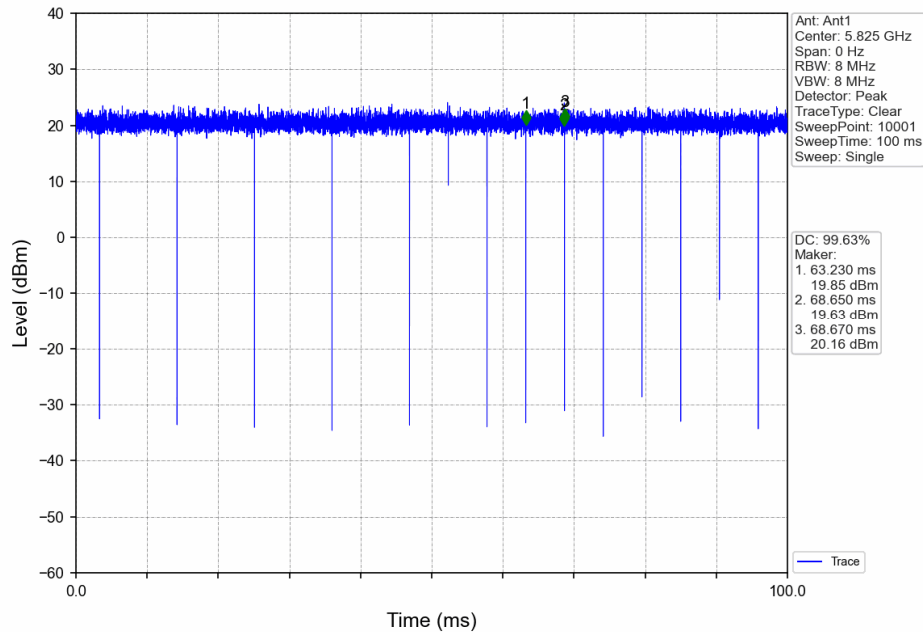
802.11ac(VHT20)_LCH_5745MHz_Ant1_NTNV



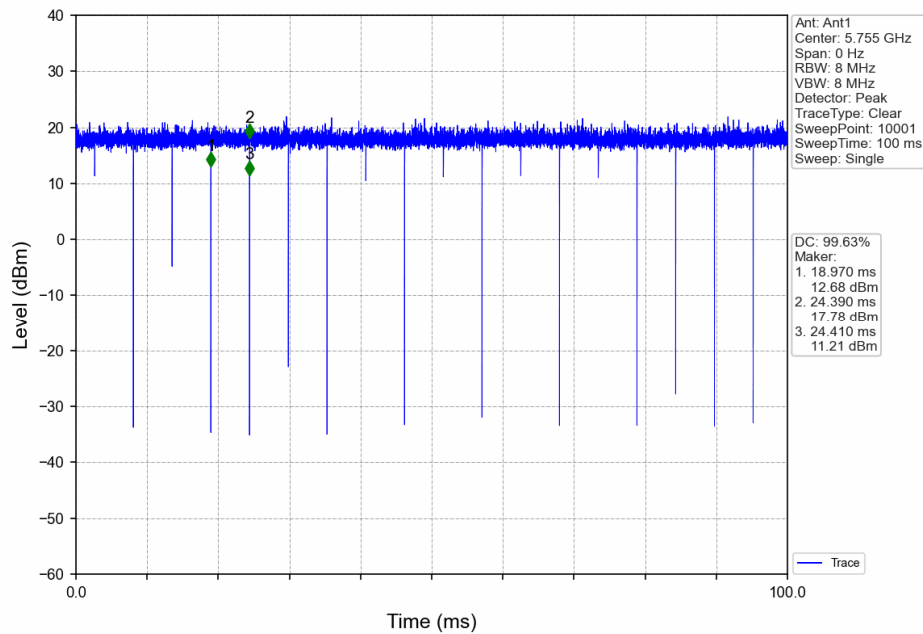
802.11ac(VHT20)_MCH_5785MHz_Ant1_NTNV



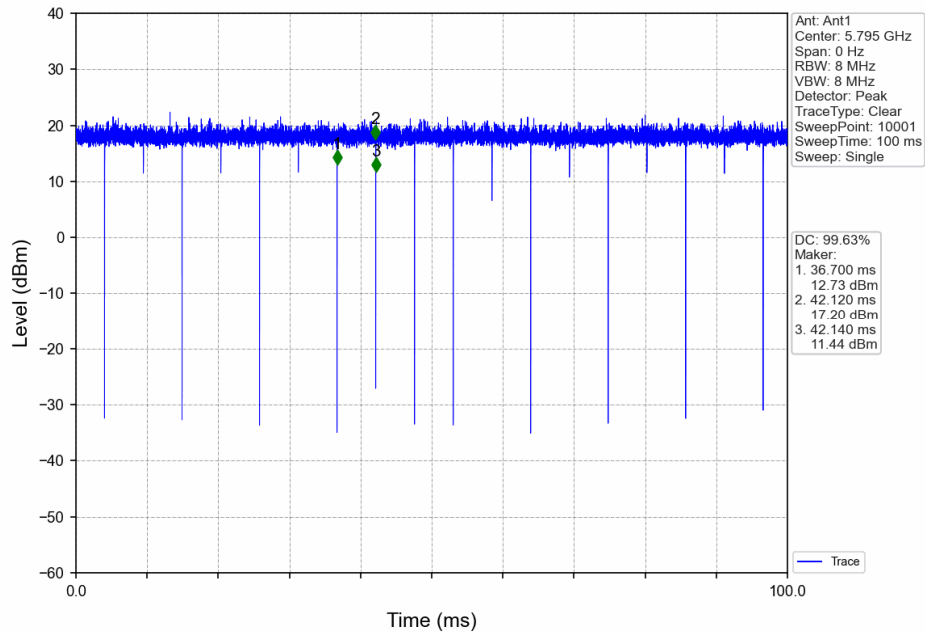
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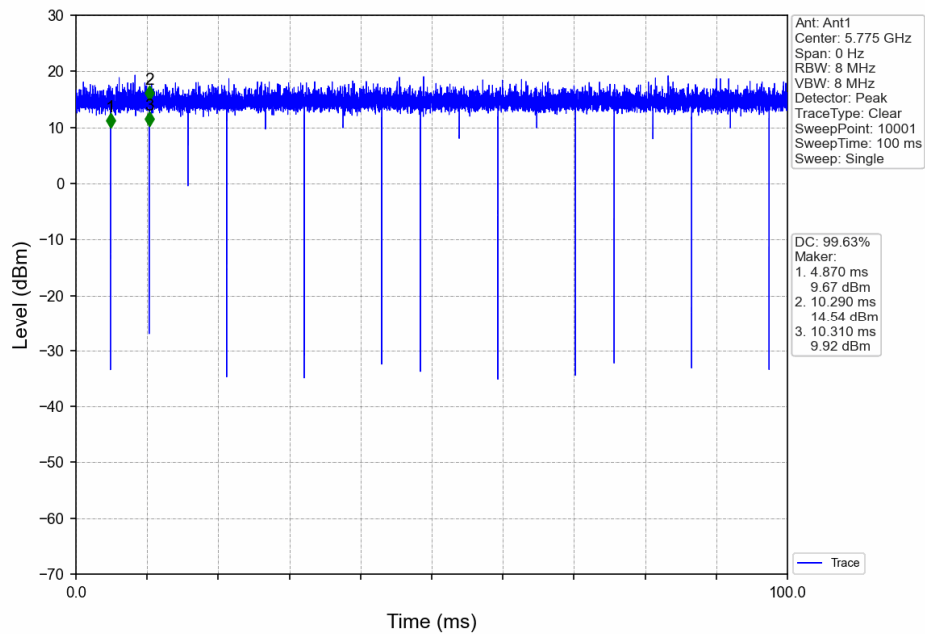
802.11ac(VHT40)_LCH_5755MHz_Ant1_NTNV



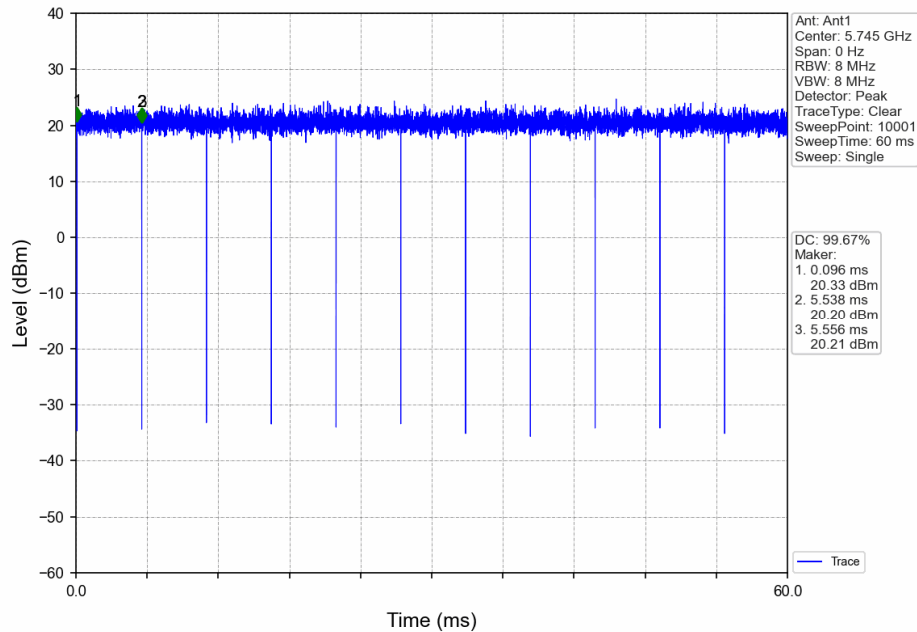
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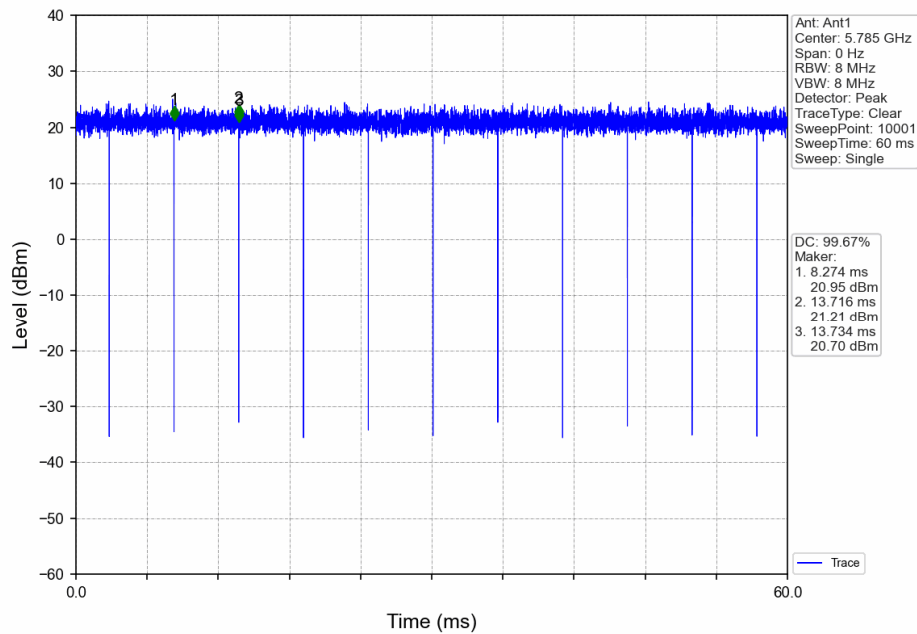
802.11ac(VHT80)_MCH_5775MHz_Ant1_NTNV



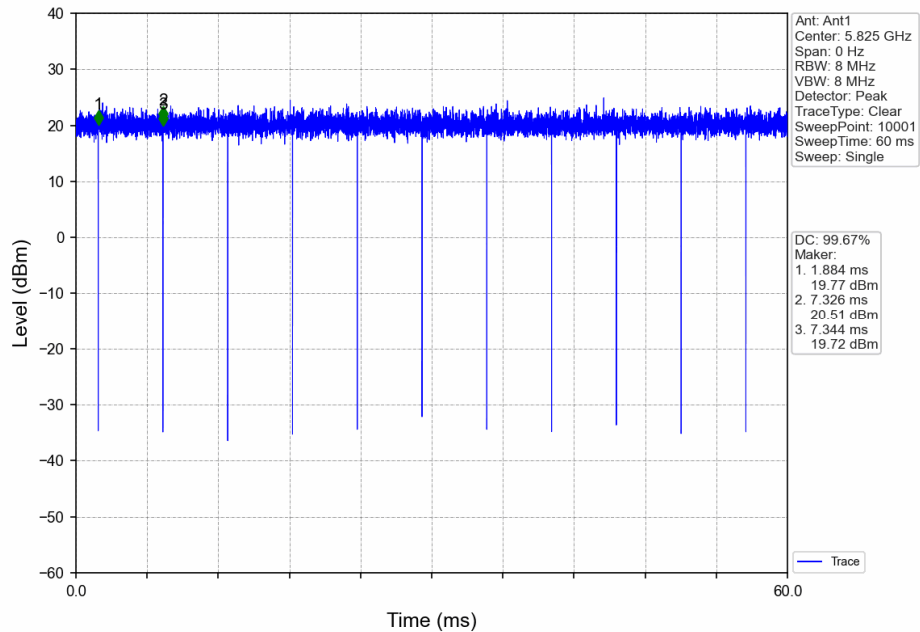
802.11ax(HEW20)_LCH_5745MHz_RU242_Left_Ant1_NTNV



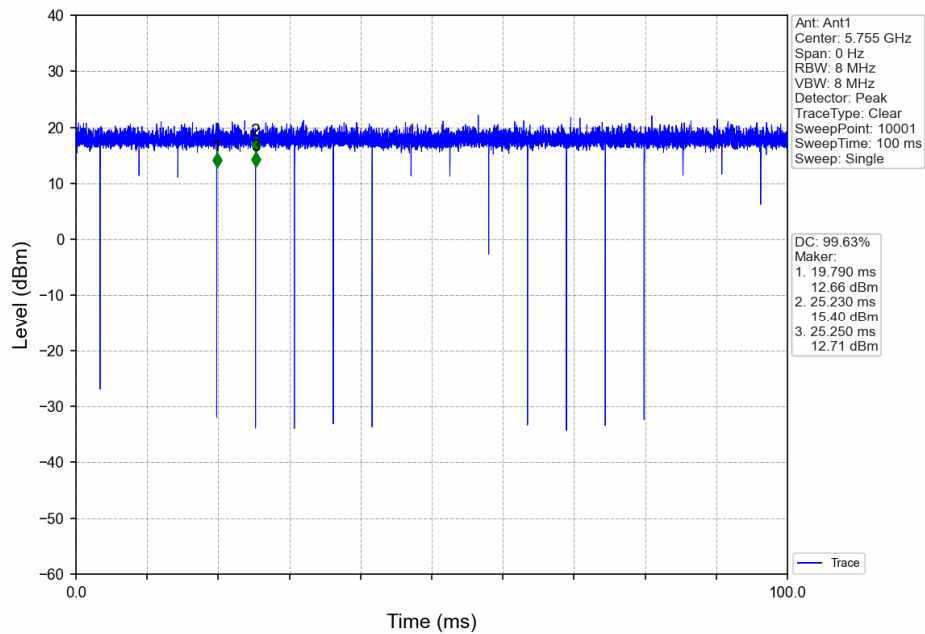
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802.11ax(HEW20)_HCH_5825MHz_RU242_Left_Ant1_NTNV



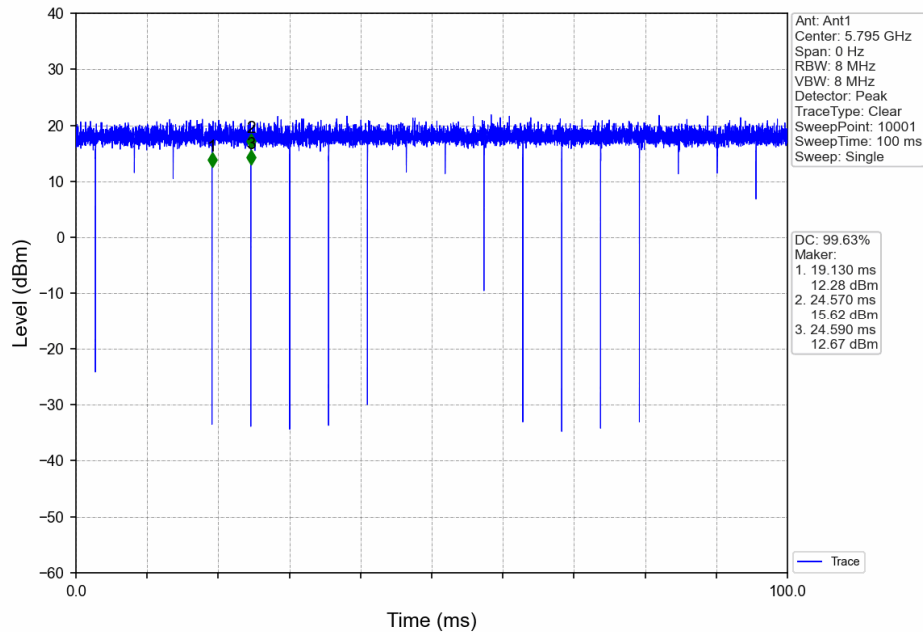
802.11ax(HEW40)_LCH_5755MHz_RU484_Left_Ant1_NTNV



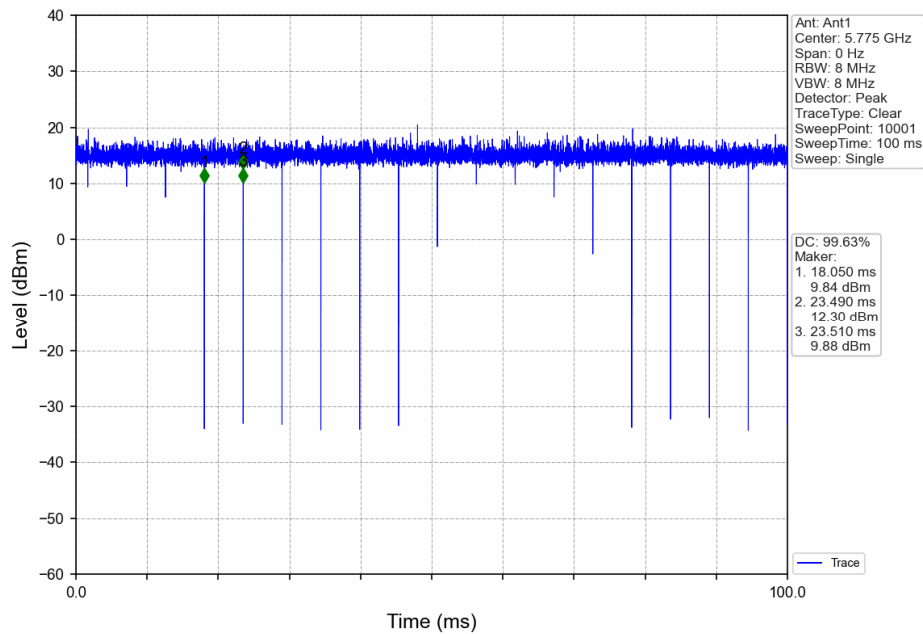
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802.11ax(HEW40)_HCH_5795MHz_RU484_Left_Ant1_NTNV



802.11ax(HEW80)_MCH_5775MHz_RU996_Left_Ant1_NTNV



2. Bandwidth

2.1 OBW

2.1.1 Test Result

Mode	TX Type	Frequency (MHz)	RU	RU Pos	Ant	99% Occupied Bandwidth (MHz)	Limit	Verdict
802.11a	SISO	5745	/	/	1	16.67	/	Note1
		5785	/	/	1	16.70	/	Note1
		5825	/	/	1	16.64	/	Note1
802.11n (HT20)	MIMO	5745	/	/	1	17.78	/	Note1
		5785	/	/	1	17.77	/	Note1
		5825	/	/	1	17.76	/	Note1
802.11n (HT40)	MIMO	5755	/	/	1	36.07	/	Note1
		5795	/	/	1	36.17	/	Note1
802.11ac (VHT20)	MIMO	5745	/	/	1	17.77	/	Note1
		5785	/	/	1	17.76	/	Note1
		5825	/	/	1	17.79	/	Note1
802.11ac (VHT40)	MIMO	5755	/	/	1	36.12	/	Note1
		5795	/	/	1	36.18	/	Note1
802.11ac (VHT80)	MIMO	5775	/	/	1	75.61	/	Note1
802.11ax (HEW20)	MIMO	5745	RU242	Left	1	19.03	/	Note1
		5785	RU242	Left	1	19.02	/	Note1
		5825	RU242	Left	1	19.02	/	Note1
802.11ax (HEW40)	MIMO	5755	RU484	Left	1	37.87	/	Note1
		5795	RU484	Left	1	37.82	/	Note1
802.11ax (HEW80)	MIMO	5775	RU996	Left	1	77.32	/	Note1
Note1: Only for Report Use								

2.1.2 Test Graph

