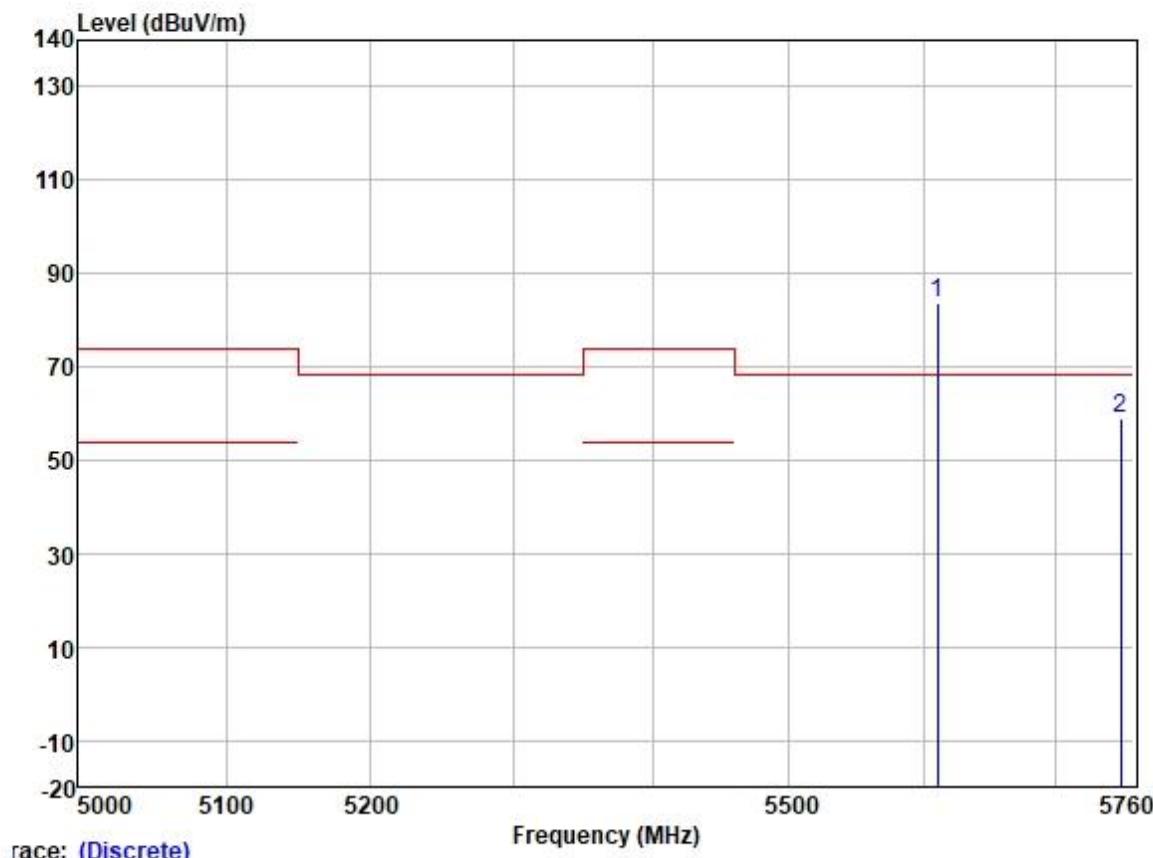
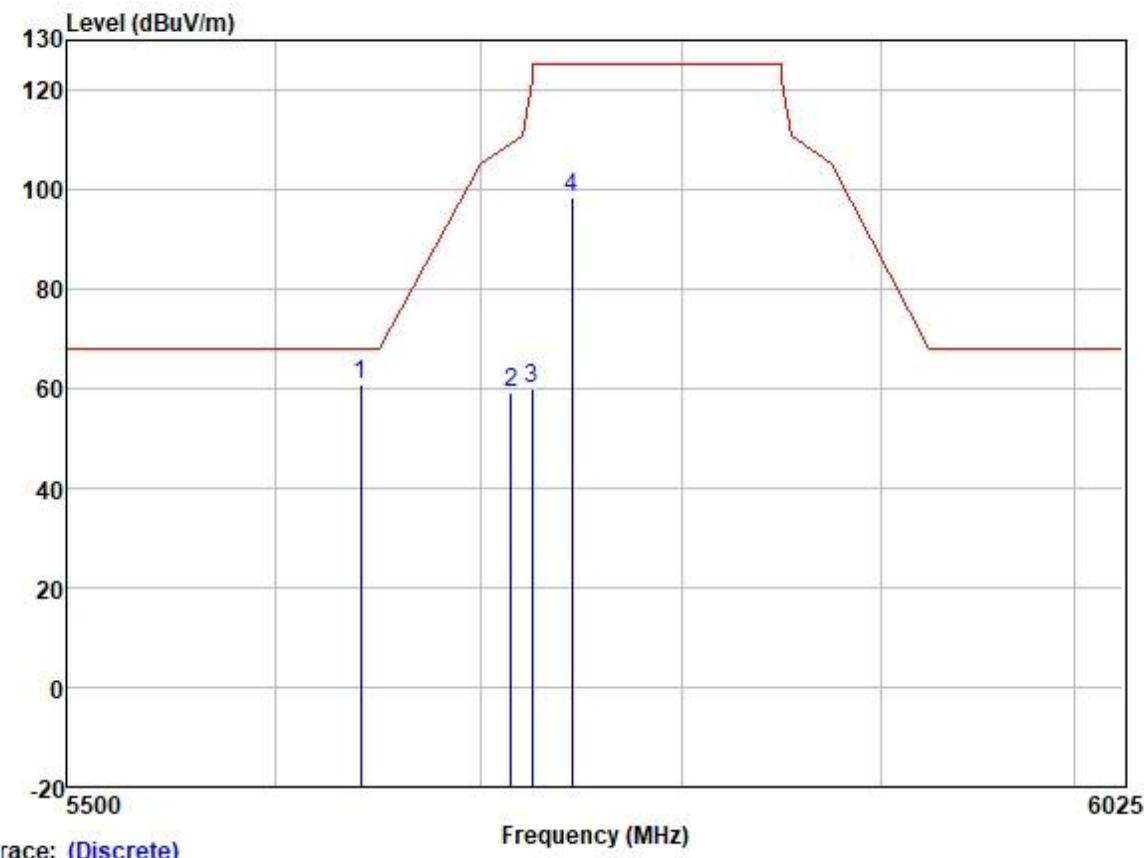


Test Mode: 13; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Test Mode: 14; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB	
1	5641.106	59.28	31.95	6.35	36.89	60.69	68.20	-7.51	HORIZONTAL	Peak
2	5715.000	57.91	32.04	6.33	36.89	59.39	109.40	-50.01	HORIZONTAL	Peak
3	5725.000	58.42	32.07	6.25	36.89	59.85	122.20	-62.35	HORIZONTAL	Peak
4	5745.000	96.84	32.10	6.20	36.89	98.25	125.20	-26.95	HORIZONTAL	Peak

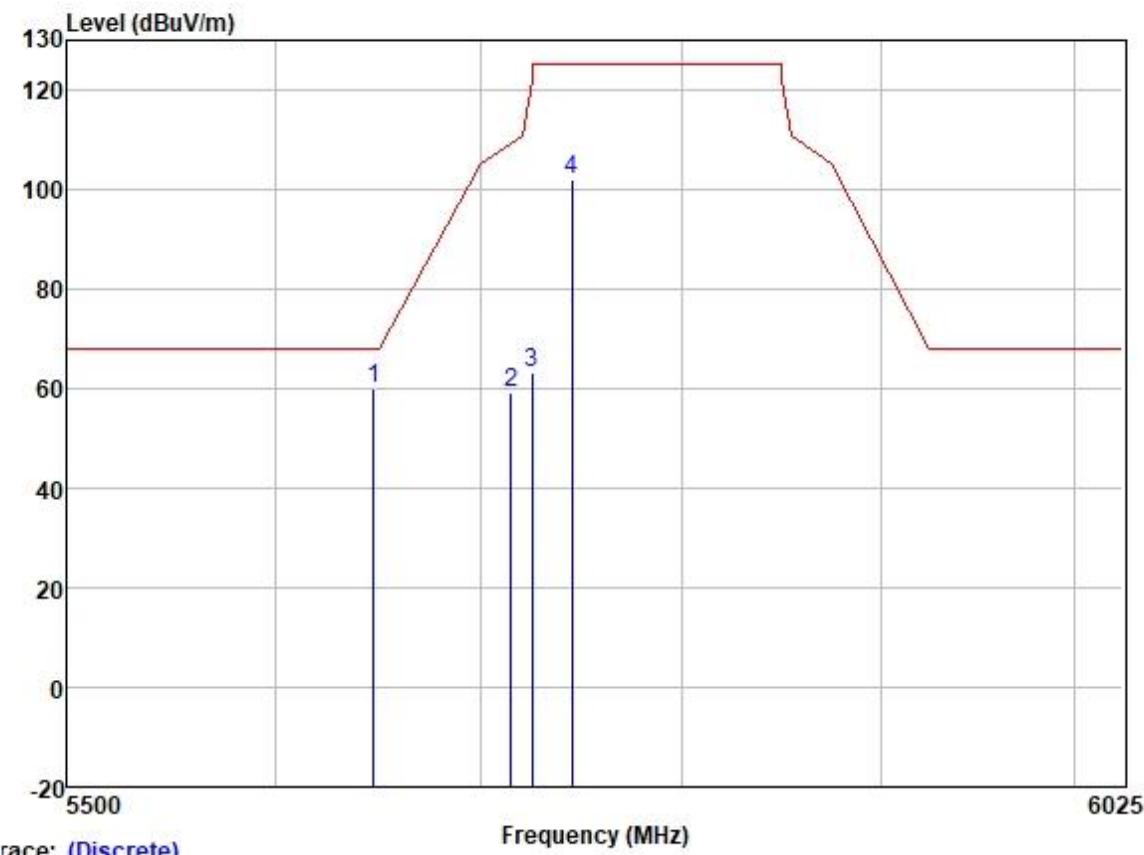
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Test Mode: 14; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	5647.611	58.73	31.95	6.35	36.89	60.14	68.20	-8.06	VERTICAL	Peak
2	5715.000	57.78	32.04	6.33	36.89	59.26	109.40	-50.14	VERTICAL	Peak
3	5725.000	61.67	32.07	6.25	36.89	63.10	122.20	-59.10	VERTICAL	Peak
4	5745.000	100.68	32.10	6.20	36.89	102.09	125.20	-23.11	VERTICAL	Peak

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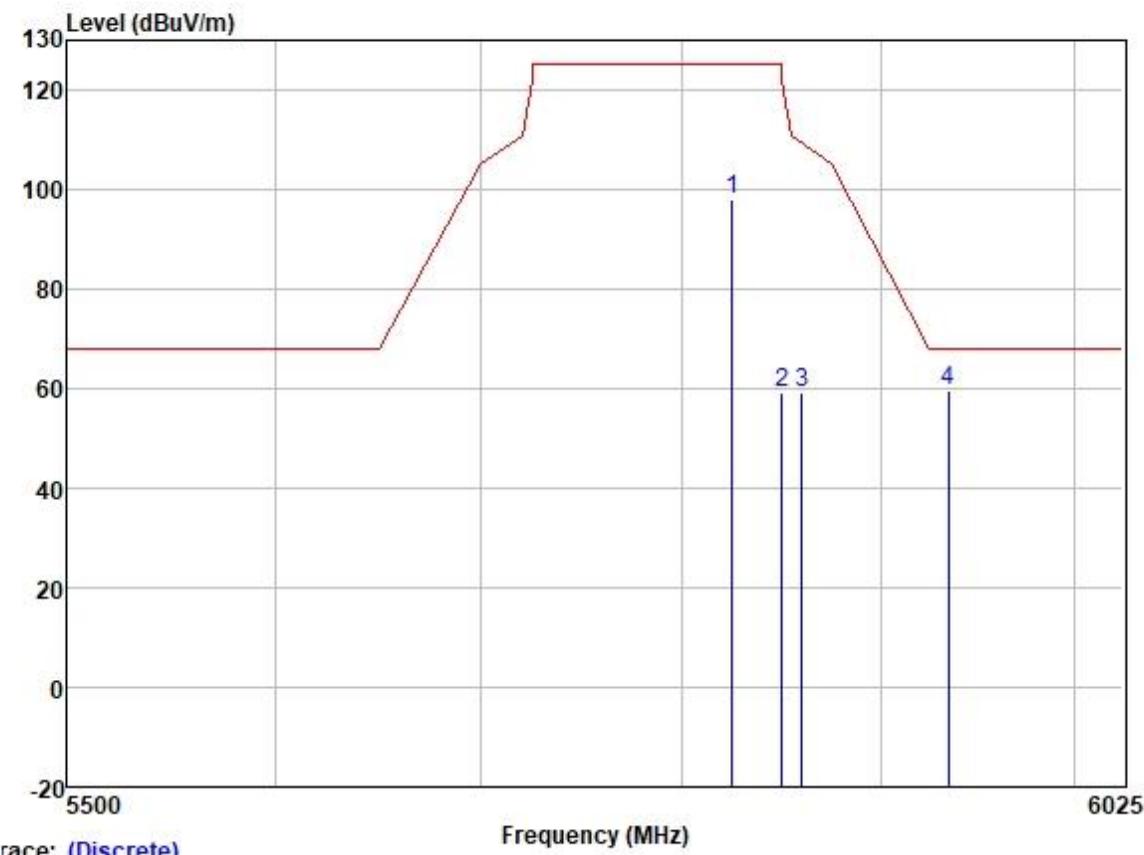
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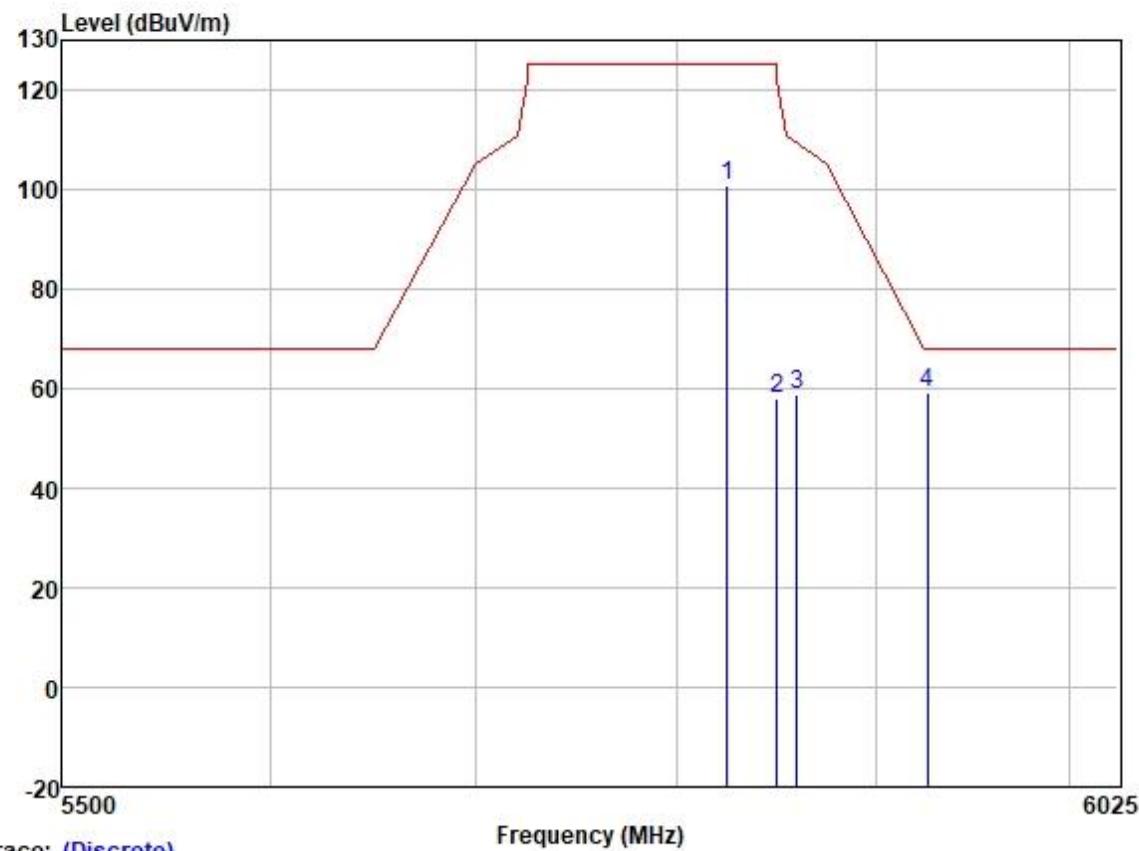
Test Mode: 14; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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Test Mode: 14; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor					
1	5825.000	99.37	32.23	6.04	36.90	100.74	125.20	-24.46	VERTICAL	Peak
2	5850.000	56.59	32.25	6.00	36.90	57.94	122.20	-64.26	VERTICAL	Peak
3	5860.000	57.33	32.27	5.96	36.90	58.66	109.40	-50.74	VERTICAL	Peak
4	5926.496	57.95	32.34	6.00	36.90	59.39	68.20	-8.81	VERTICAL	Peak

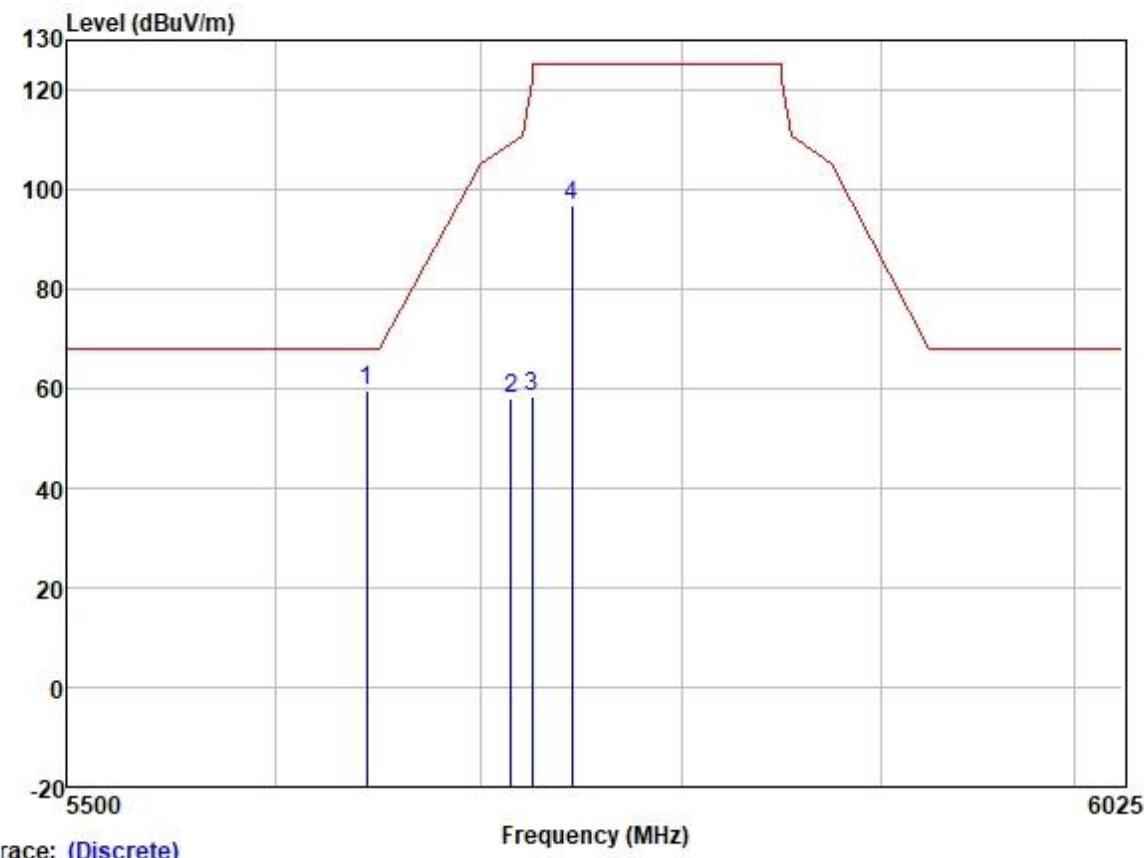
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Test Mode: 14; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB	
1	5643.874	58.19	31.95	6.35	36.89	59.60	68.20	-8.60	HORIZONTAL	Peak
2	5715.000	56.55	32.04	6.33	36.89	58.03	109.40	-51.37	HORIZONTAL	Peak
3	5725.000	57.08	32.07	6.25	36.89	58.51	122.20	-63.69	HORIZONTAL	Peak
4	5745.000	95.41	32.10	6.20	36.89	96.82	125.20	-28.38	HORIZONTAL	Peak

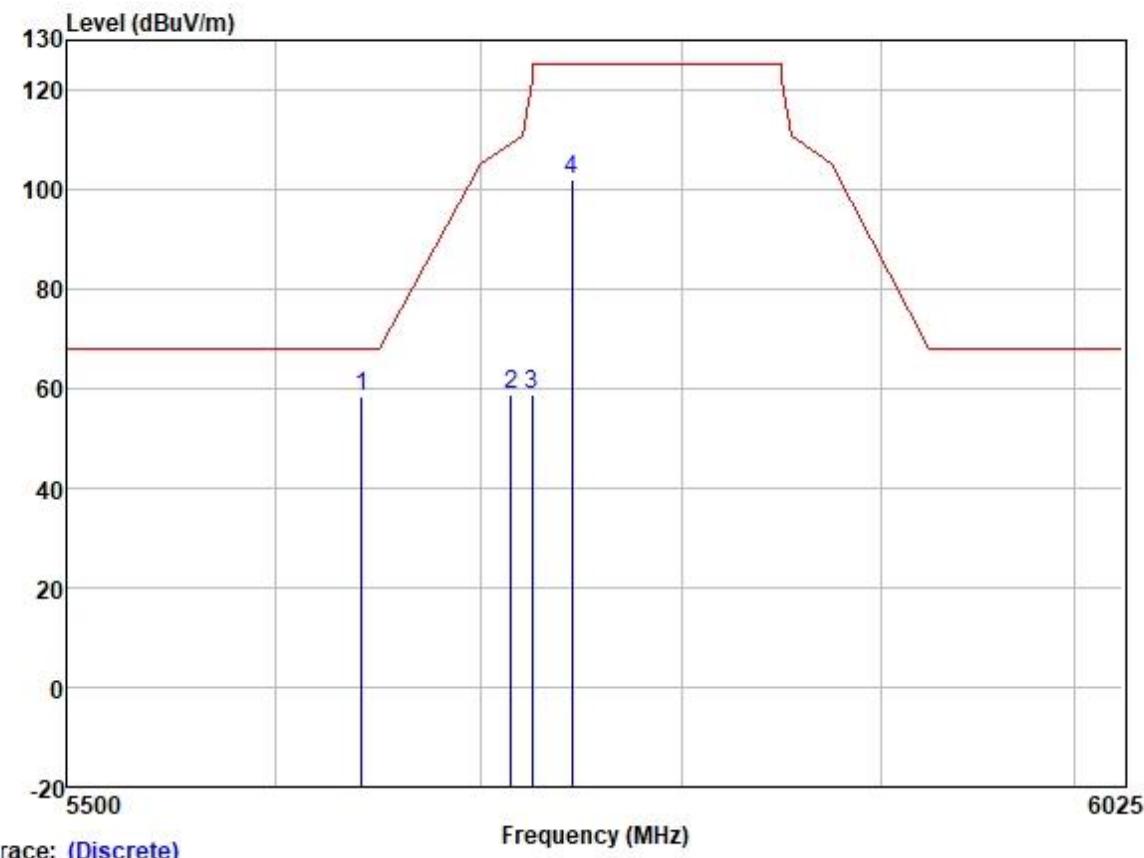
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Test Mode: 14; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	5641.383	57.10	31.95	6.35	36.89	58.51	68.20	-9.69	VERTICAL	Peak
2	5715.000	57.25	32.04	6.33	36.89	58.73	109.40	-50.67	VERTICAL	Peak
3	5725.000	57.48	32.07	6.25	36.89	58.91	122.20	-63.29	VERTICAL	Peak
4	5745.000	100.40	32.10	6.20	36.89	101.81	125.20	-23.39	VERTICAL	Peak

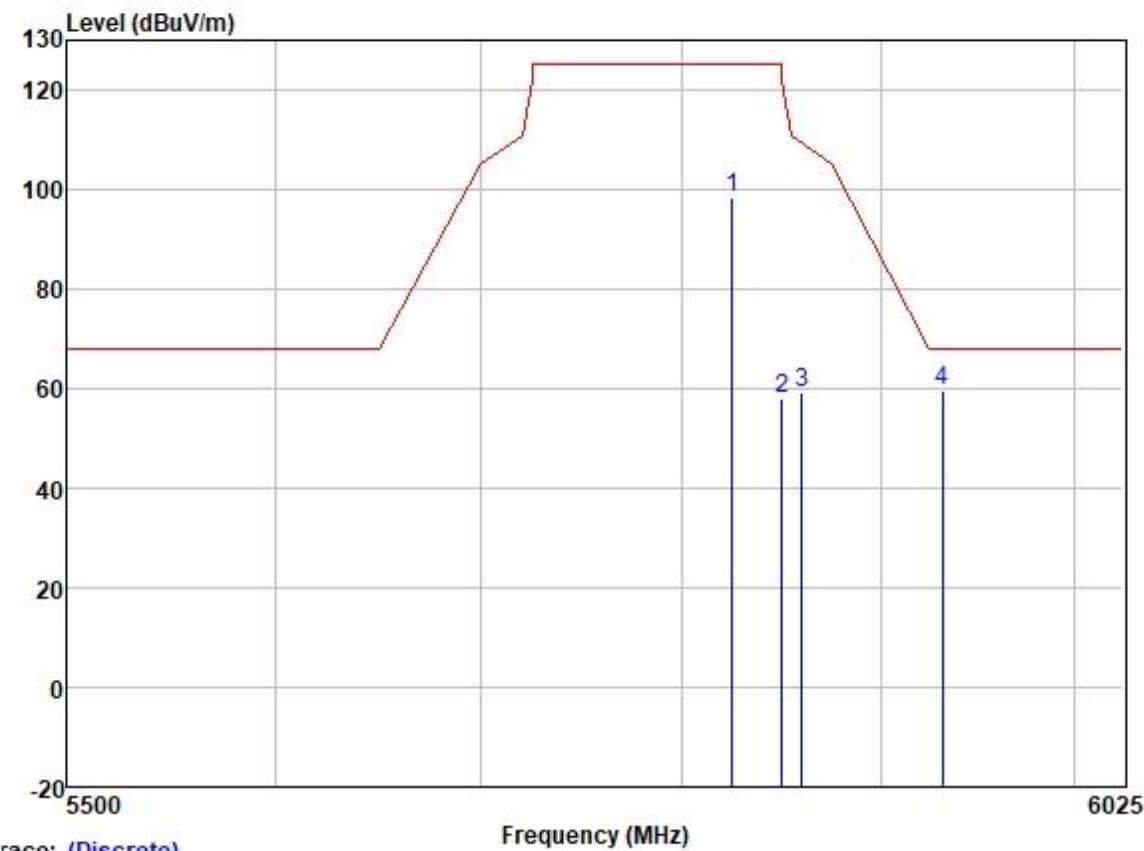
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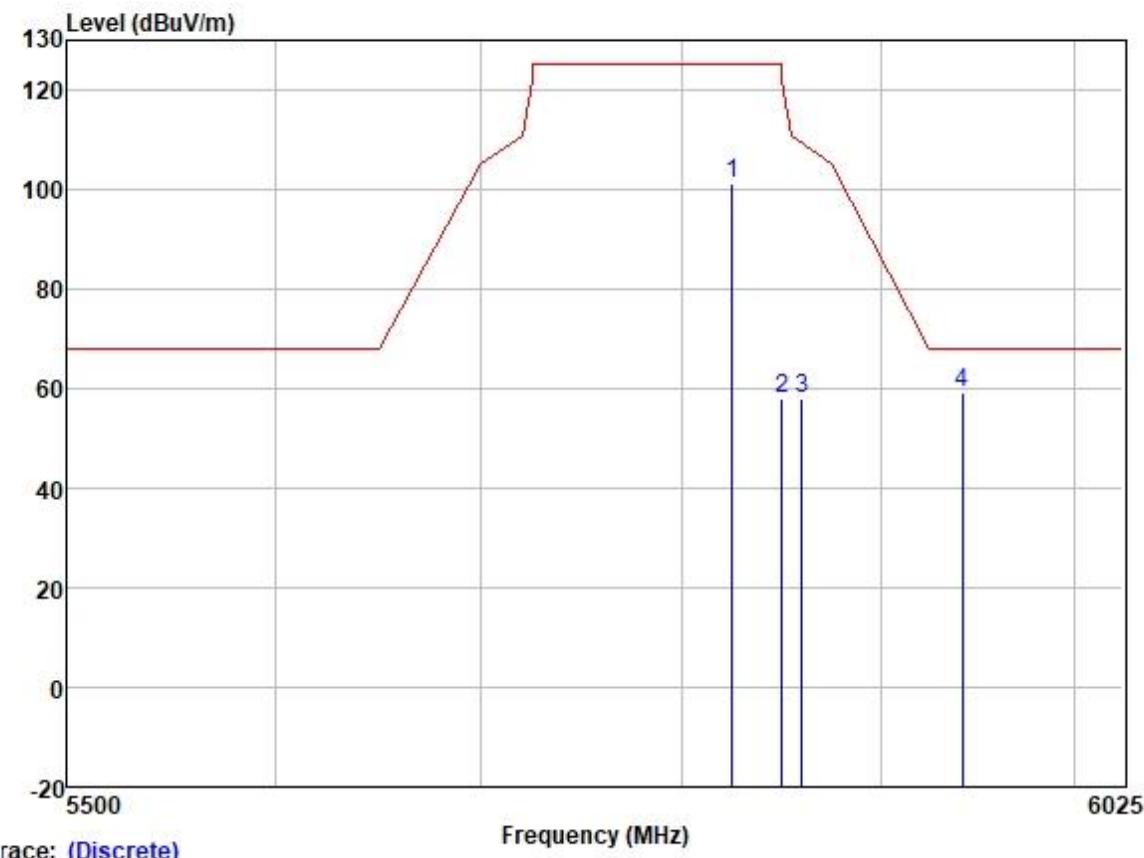
Test Mode: 14; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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Test Mode: 14; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1 5825.000	99.87	32.23	6.04	36.90	101.24	125.20	-23.96	VERTICAL	Peak	
2 5850.000	56.81	32.25	6.00	36.90	58.16	122.20	-64.04	VERTICAL	Peak	
3 5860.000	56.78	32.27	5.96	36.90	58.11	109.40	-51.29	VERTICAL	Peak	
4 5942.017	57.82	32.36	6.05	36.90	59.33	68.20	-8.87	VERTICAL	Peak	

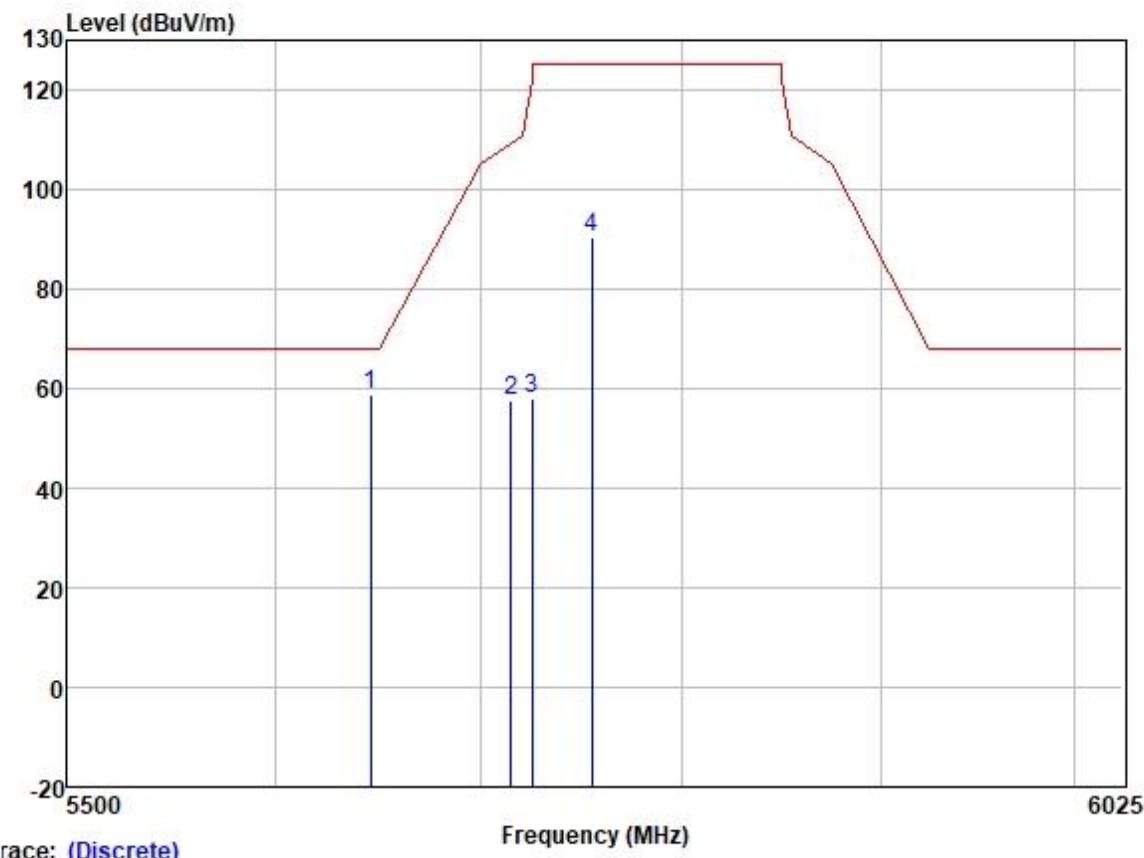
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Test Mode: 14; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low

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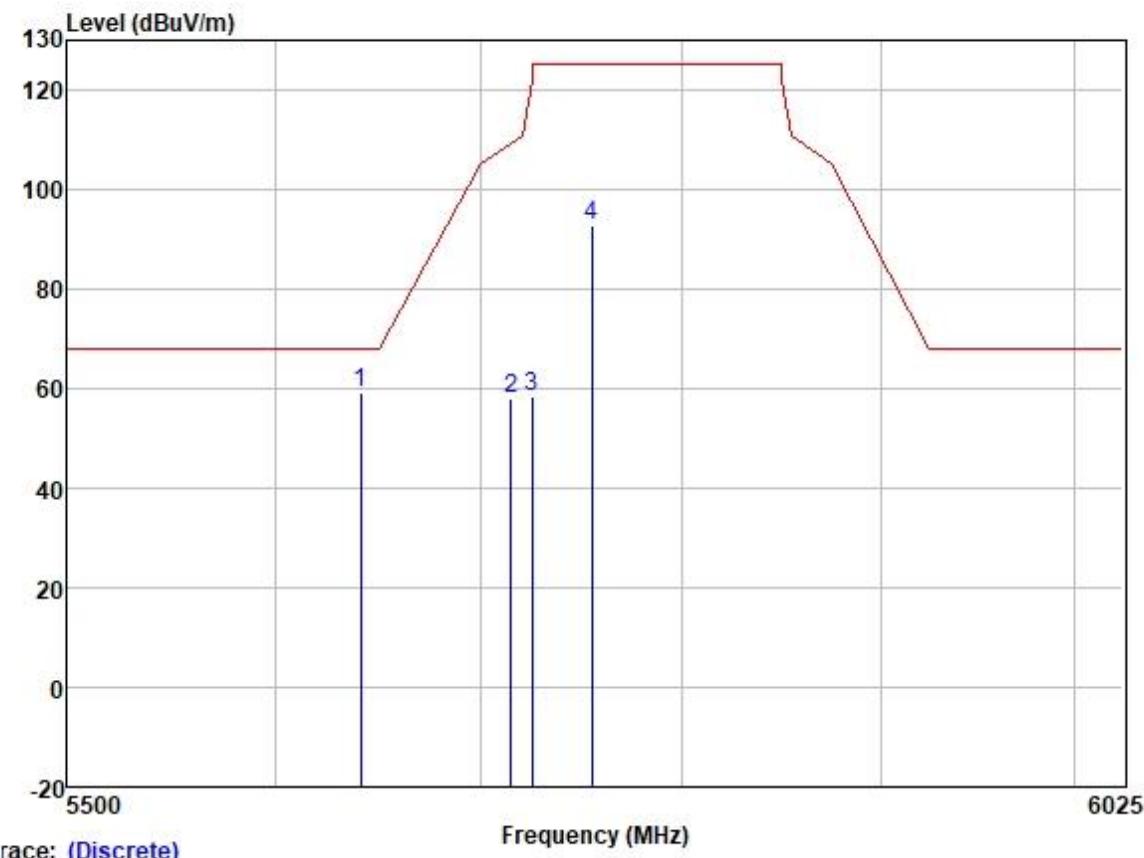
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Test Mode: 14; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	Freq	Level	Factor	Loss	Factor	Level				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1 5640.917	57.94	31.95	6.35	36.89	59.35	68.20	-8.85	VERTICAL	Peak	
2 5715.000	56.49	32.04	6.33	36.89	57.97	109.40	-51.43	VERTICAL	Peak	
3 5725.000	56.92	32.07	6.25	36.89	58.35	122.20	-63.85	VERTICAL	Peak	
4 5755.000	91.46	32.10	6.20	36.89	92.87	125.20	-32.33	VERTICAL	Peak	

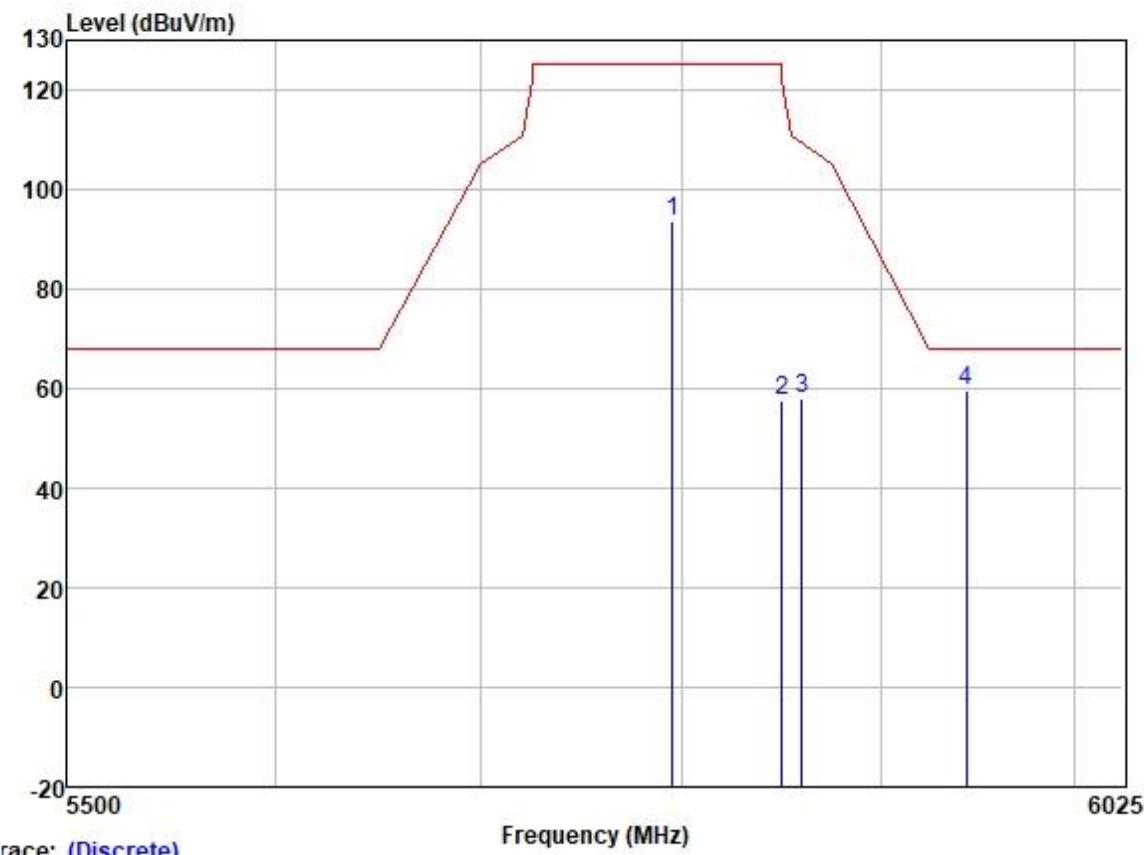
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Test Mode: 14; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High

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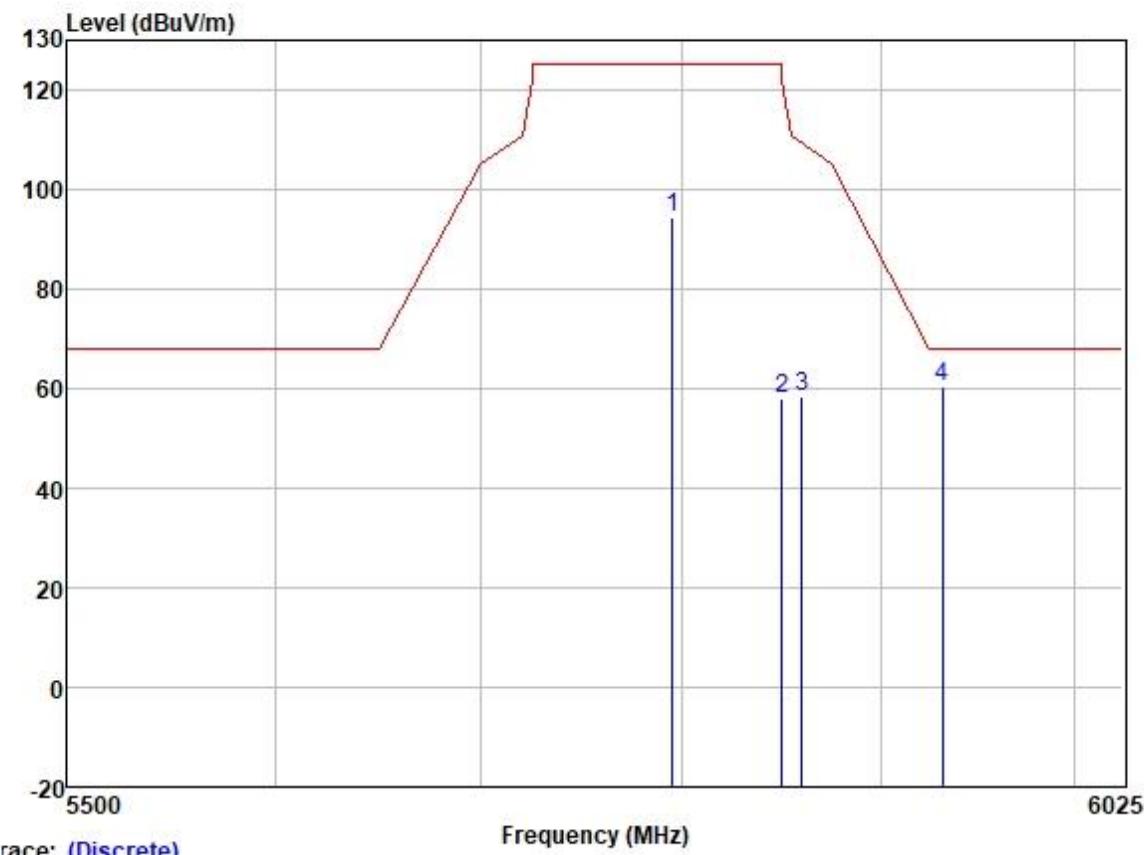
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Test Mode: 14; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High

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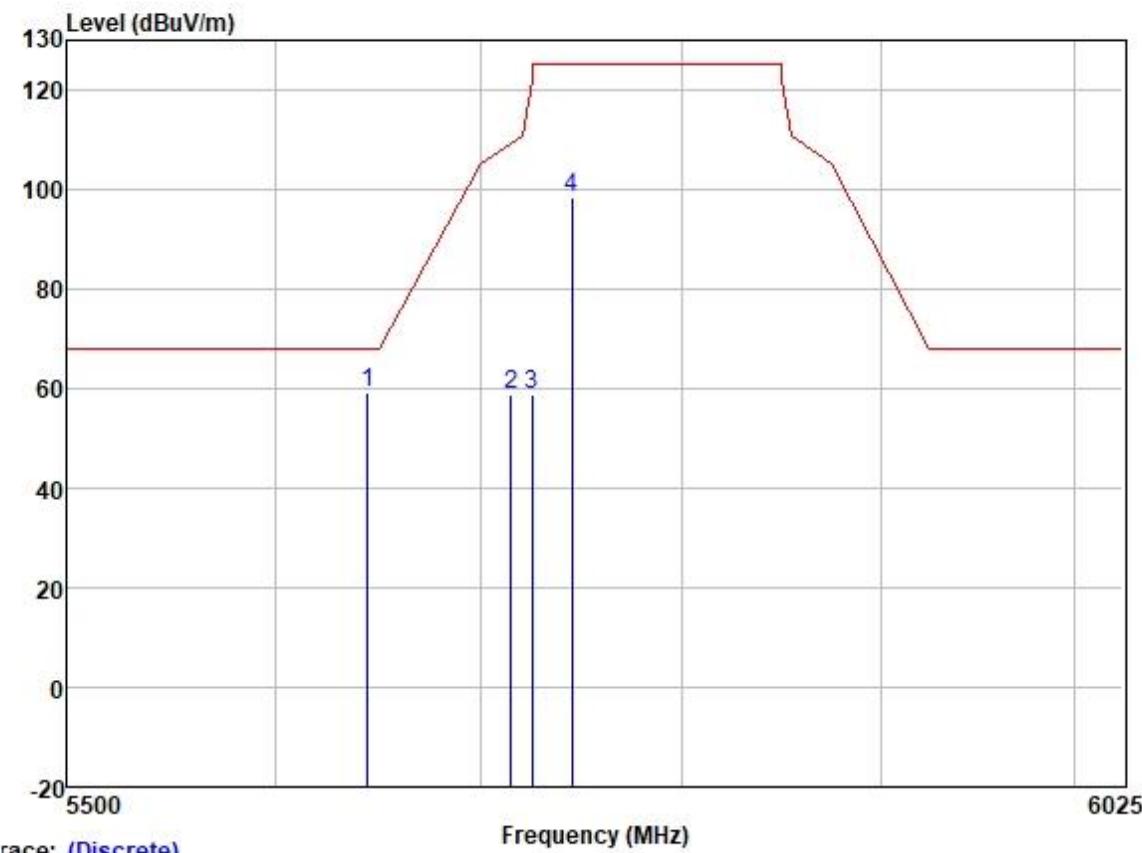
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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low

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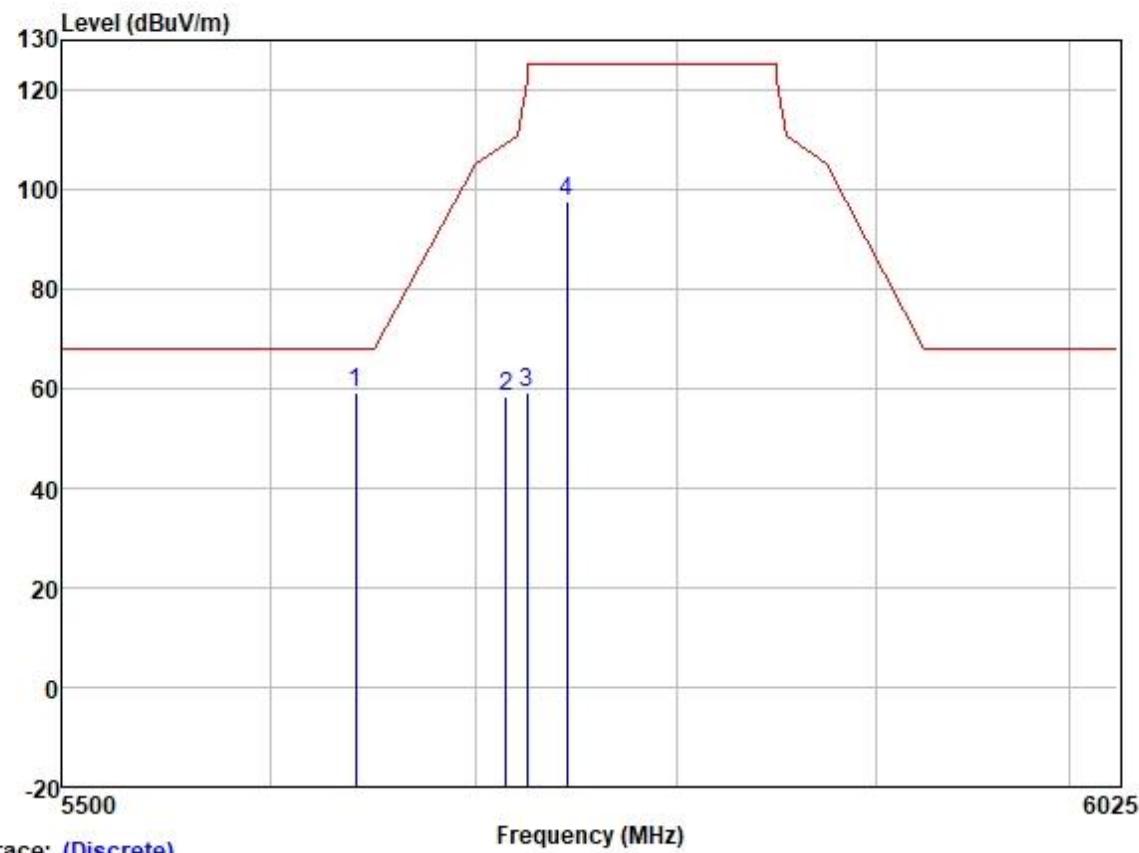
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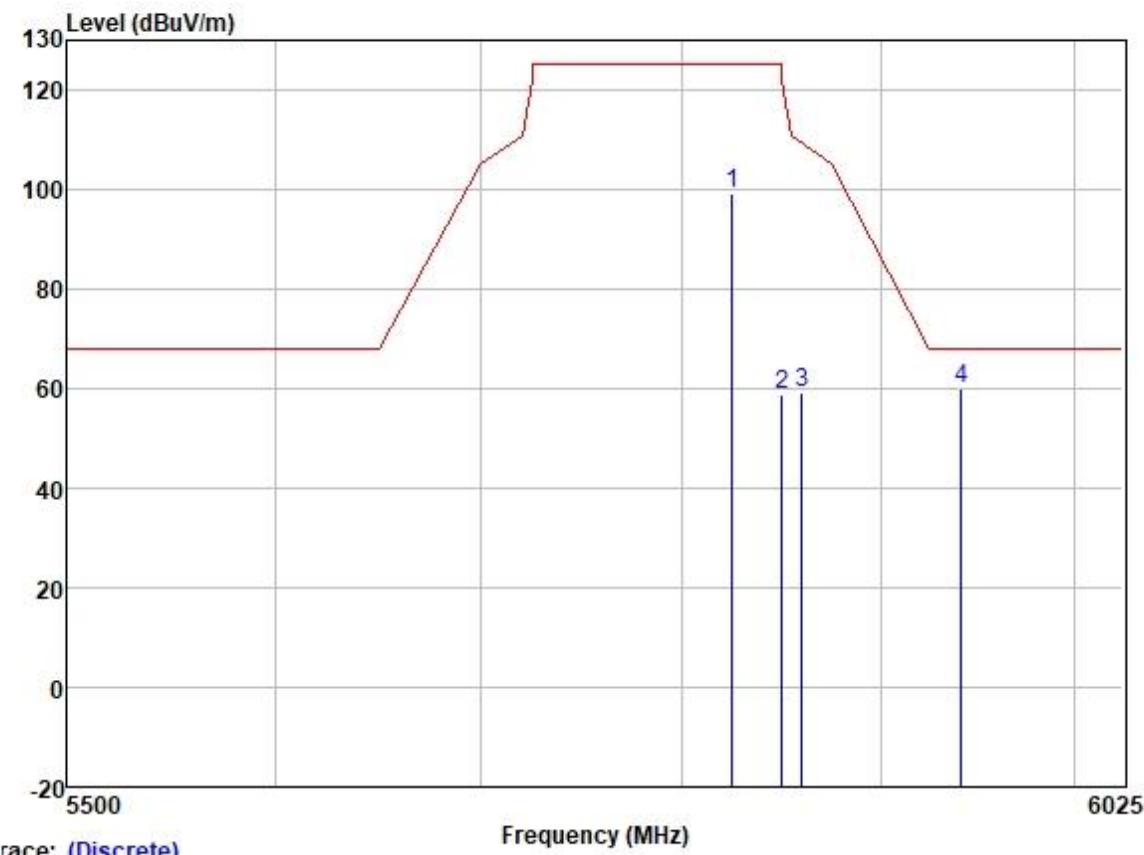
Test Mode: 14; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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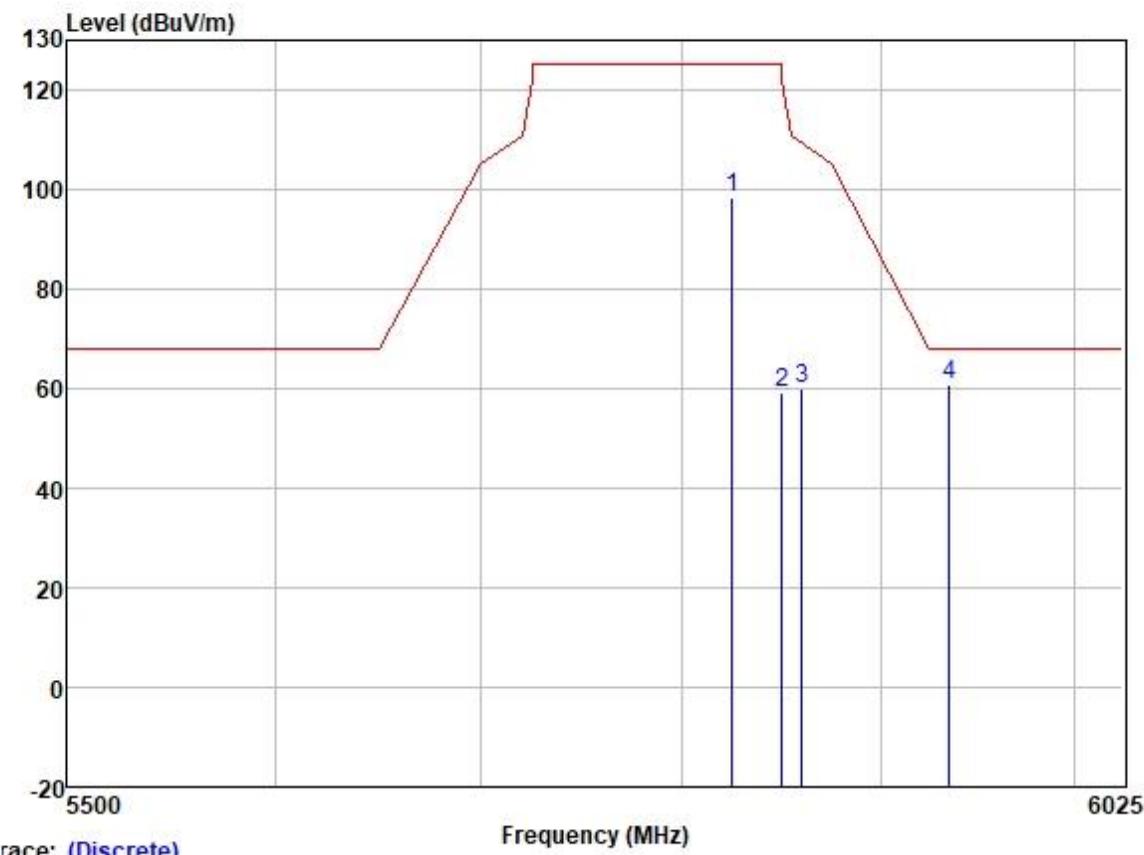
Test Mode: 14; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB	
1	5825.000	96.96	32.23	6.04	36.90	98.33	125.20	-26.87	VERTICAL	Peak
2	5850.000	57.68	32.25	6.00	36.90	59.03	122.20	-63.17	VERTICAL	Peak
3	5860.000	58.62	32.27	5.96	36.90	59.95	109.40	-49.45	VERTICAL	Peak
4	5935.427	59.54	32.34	6.00	36.90	60.98	68.20	-7.22	VERTICAL	Peak

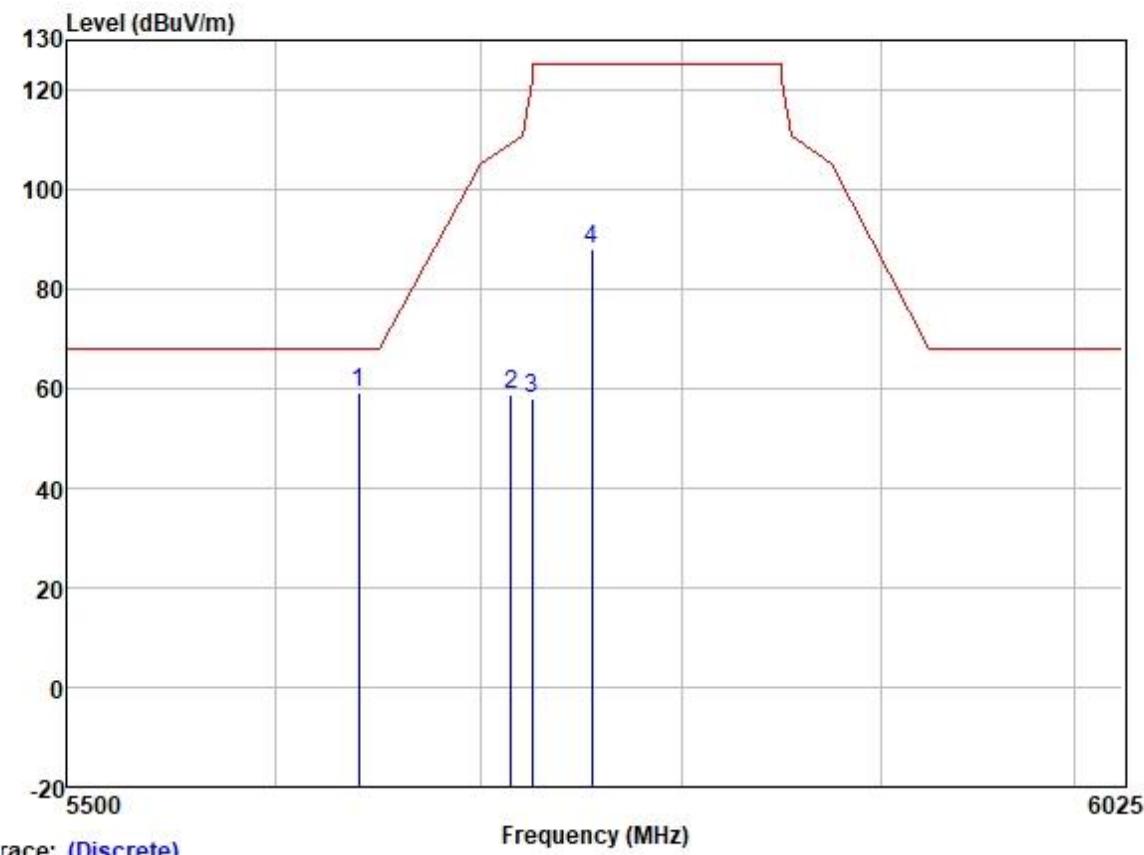
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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Line	Limit Pol/Phase	Remark
	MHz	dBuV	Level Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	5640.306	57.71	31.95	6.35	36.89	59.12	68.20	-9.08	HORIZONTAL	Peak
2	5715.000	57.39	32.04	6.33	36.89	58.87	109.40	-50.53	HORIZONTAL	Peak
3	5725.000	56.61	32.07	6.25	36.89	58.04	122.20	-64.16	HORIZONTAL	Peak
4	5755.000	86.75	32.10	6.20	36.89	88.16	125.20	-37.04	HORIZONTAL	Peak

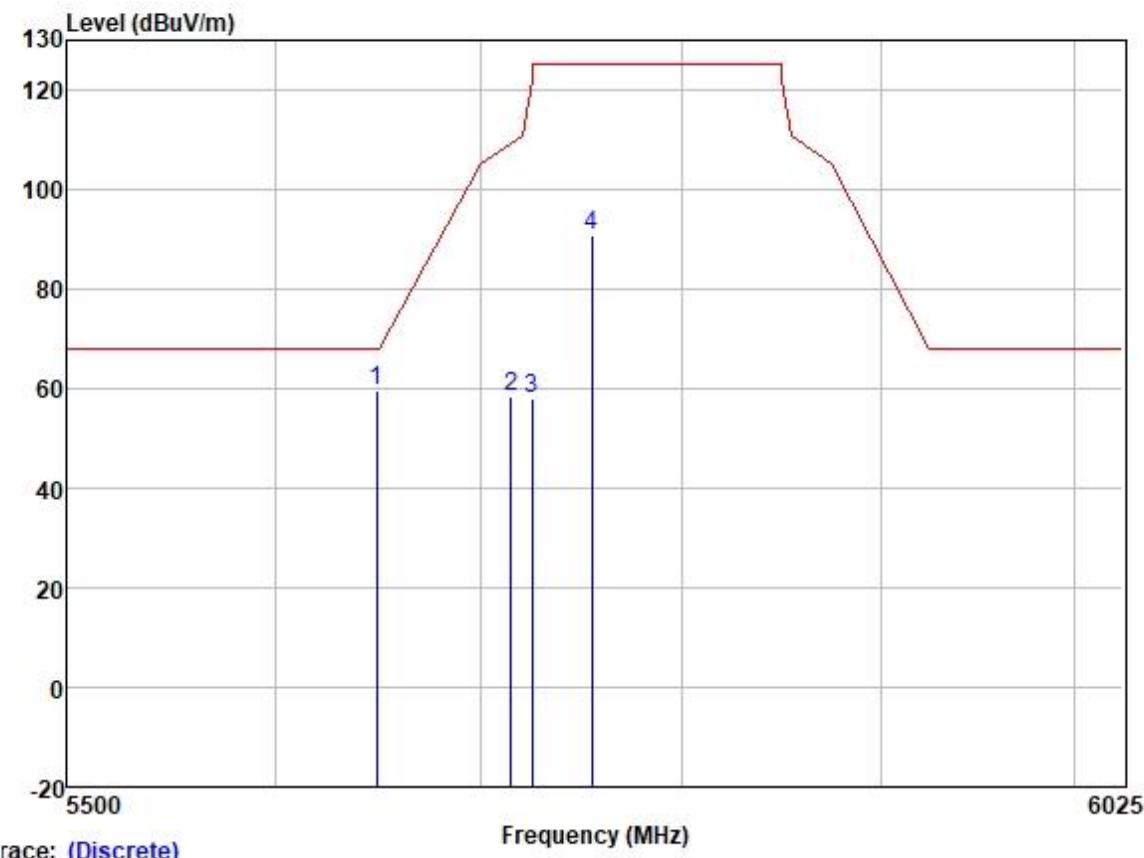
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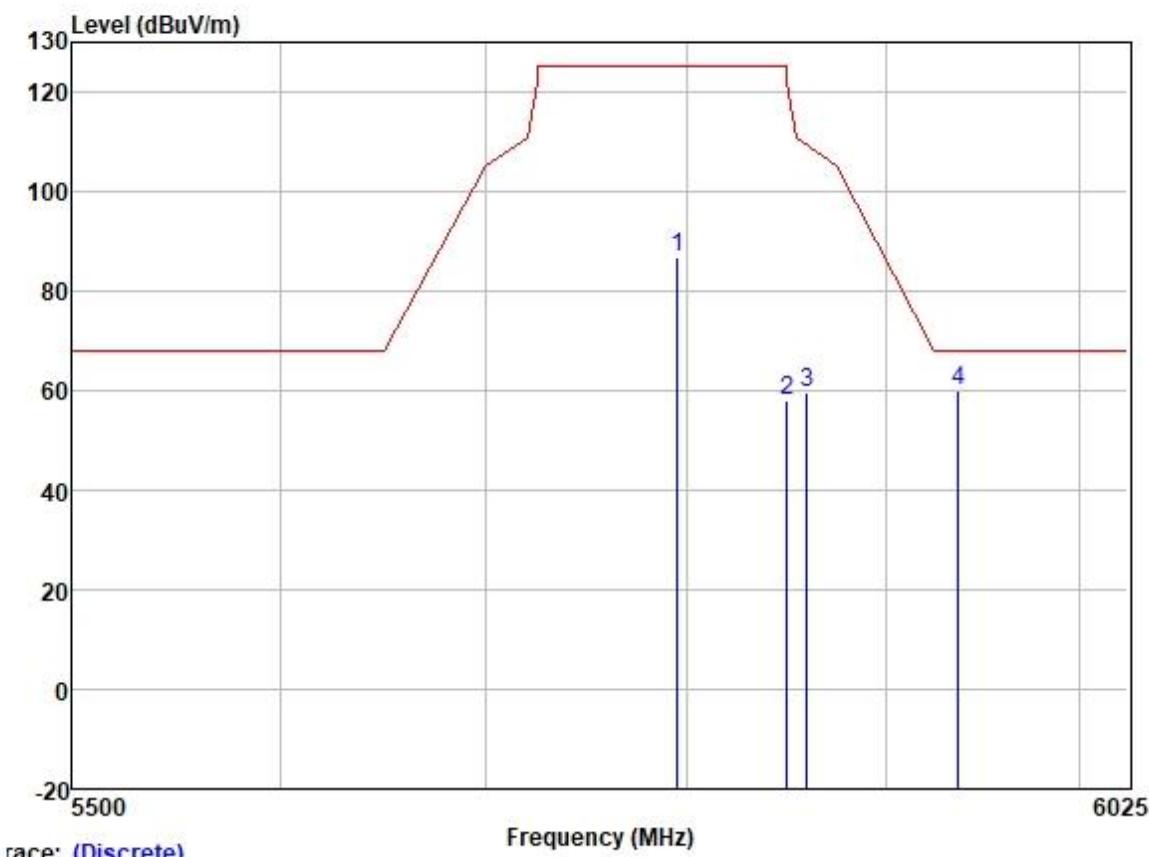
Test Mode: 14; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



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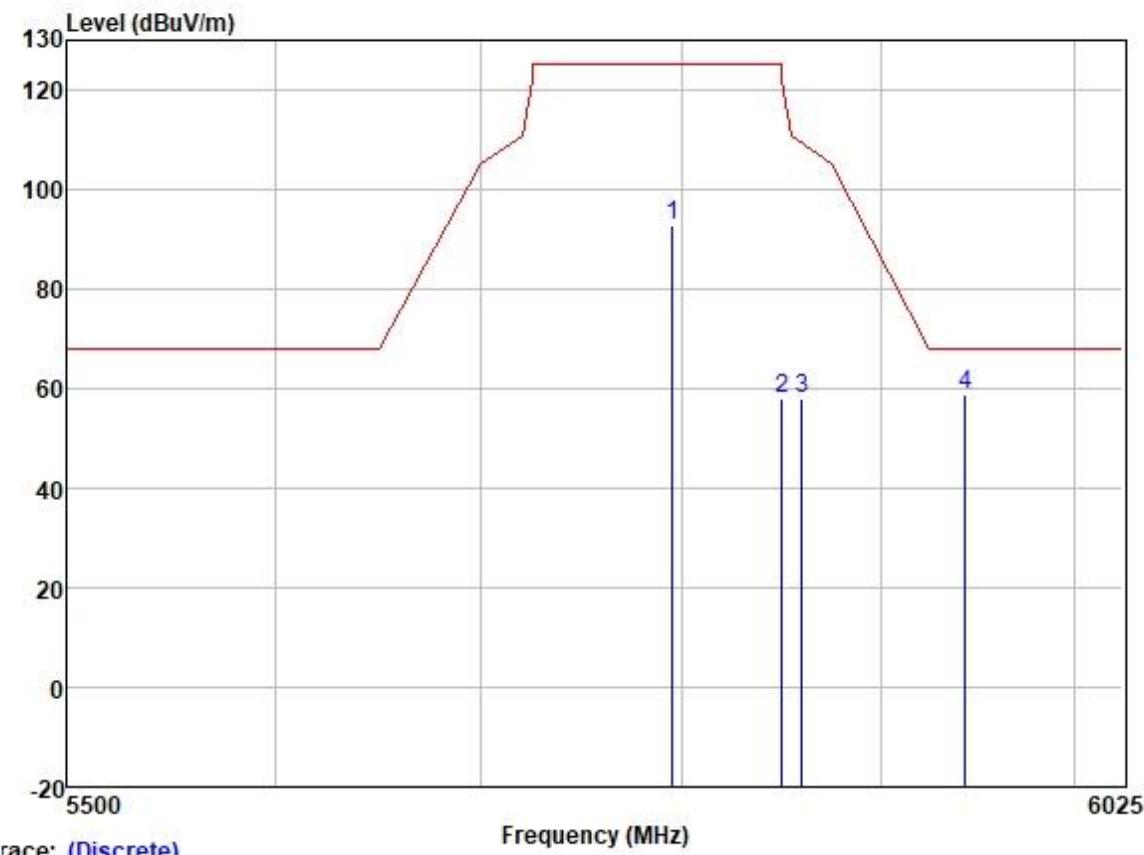
Test Mode: 14; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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Test Mode: 14; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High

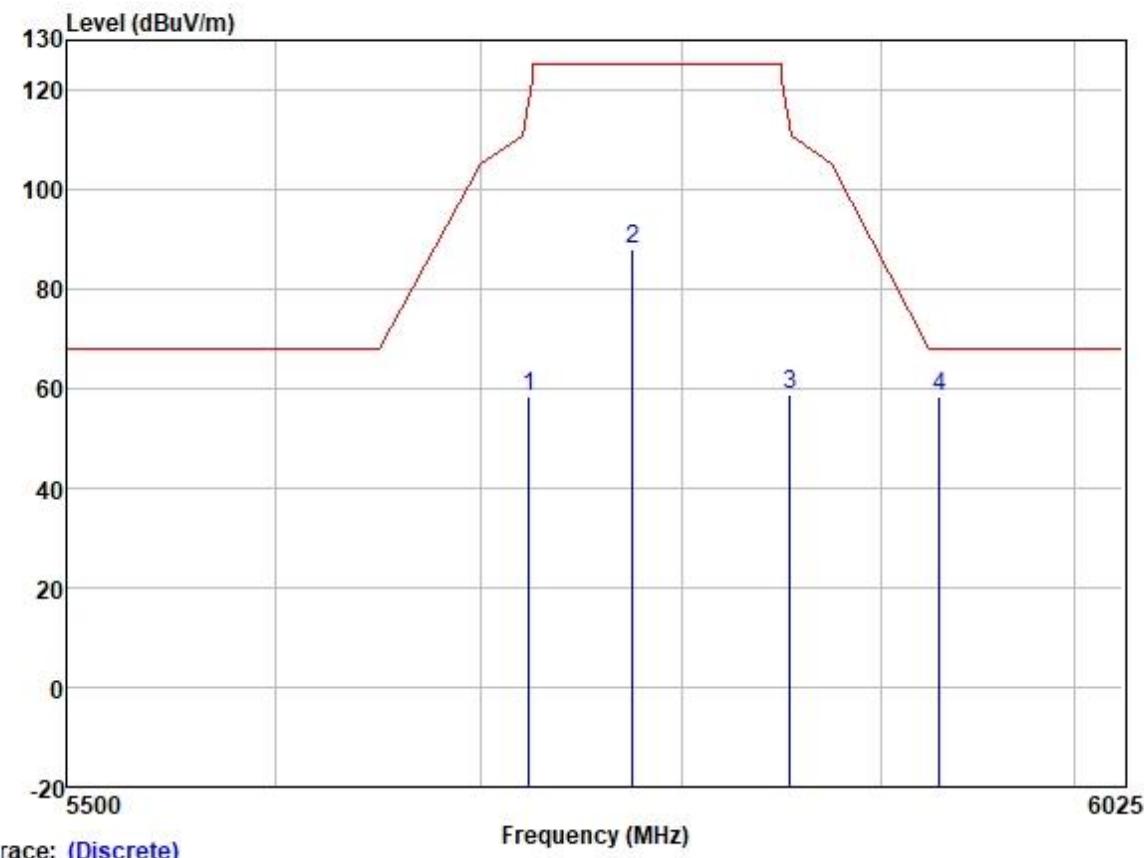


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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle

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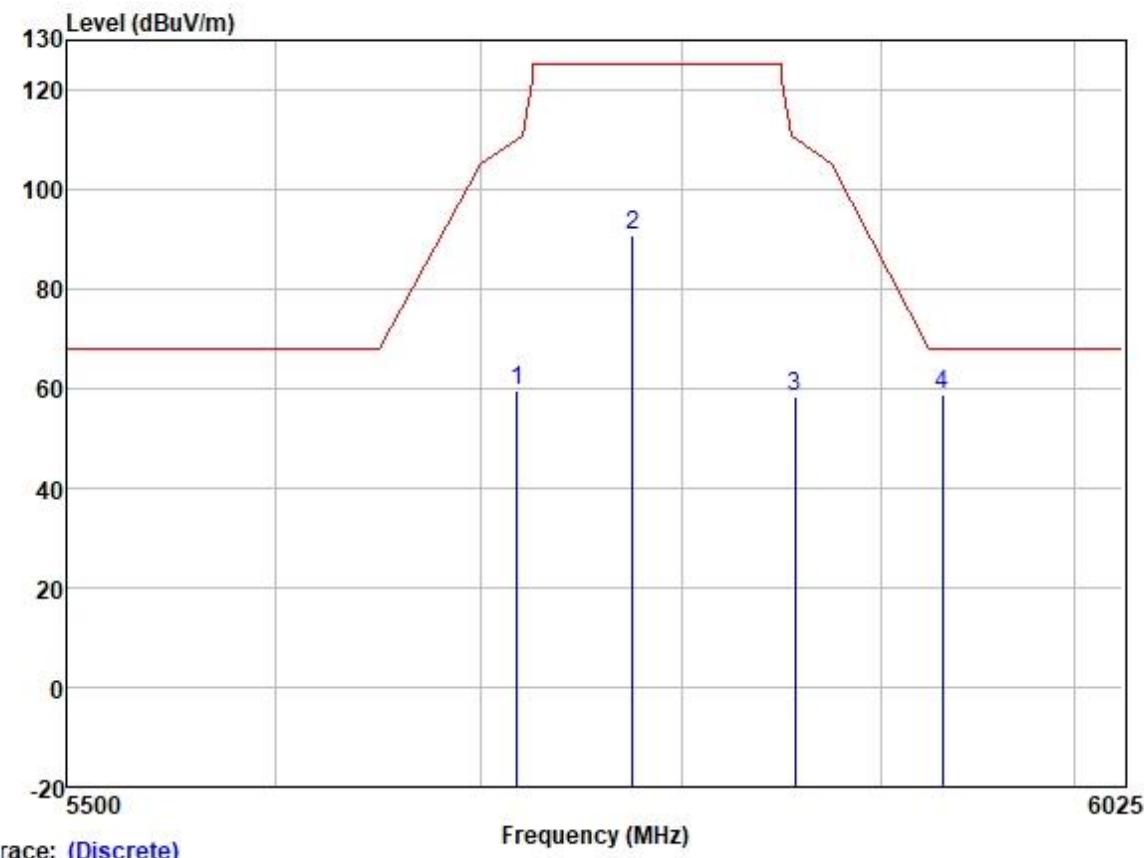
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Test Mode: 14; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	5717.761	57.94	32.04	6.33	36.89	59.42	110.17	-50.75	VERTICAL	Peak
2	5775.000	89.28	32.16	6.10	36.89	90.65	125.20	-34.55	VERTICAL	Peak
3	5856.741	57.05	32.27	5.96	36.90	58.38	110.31	-51.93	VERTICAL	Peak
4	5931.552	57.34	32.34	6.00	36.90	58.78	68.20	-9.42	VERTICAL	Peak

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**6.3 Radiated Emissions (above 1GHz)**

Test Requirement 47 CFR Part 15, Subpart C 15.209 &amp; 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

\* Frequency in CFR 15.205 Restricted Band.

Note: Frequency in non-Restricted Band:

(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.

**6.3.1 E.U.T. Operation**

Operating Environment:

Temperature: 25.5 °C      Humidity: 60 % RH      Atmospheric Pressure: 1003 mbar

**6.3.2 Test Mode Description**

Pre-scan / Final test	Mode / Code	Description
Final test	11	TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all

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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). Only the data of worst case is recorded in the report.

**Final test 12**

TX mode (U-NII-2A)\_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). Only the data of worst case is recorded in the report.

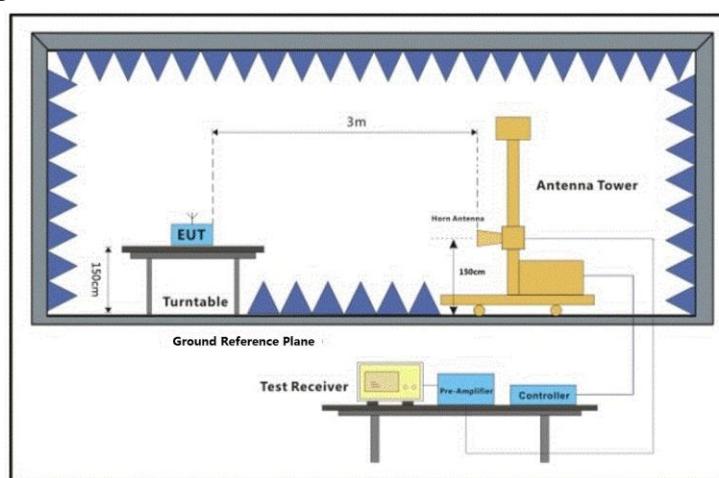
**Final test 13**

TX mode (U-NII-2C)\_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). Only the data of worst case is recorded in the report.

**Final test 14**

TX mode (U-NII-3)\_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). Only the data of worst case is recorded in the report.

### 6.3.3 Test Setup Diagram



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**6.3.4 Measurement Procedure and Data**

- a. 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.
- b. 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.
- c. 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.
- d. 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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. 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.
- g. Test the EUT in the lowest channel, the middle channel, the Highest channel.
- h. 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.
- i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.
4. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, 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. For the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

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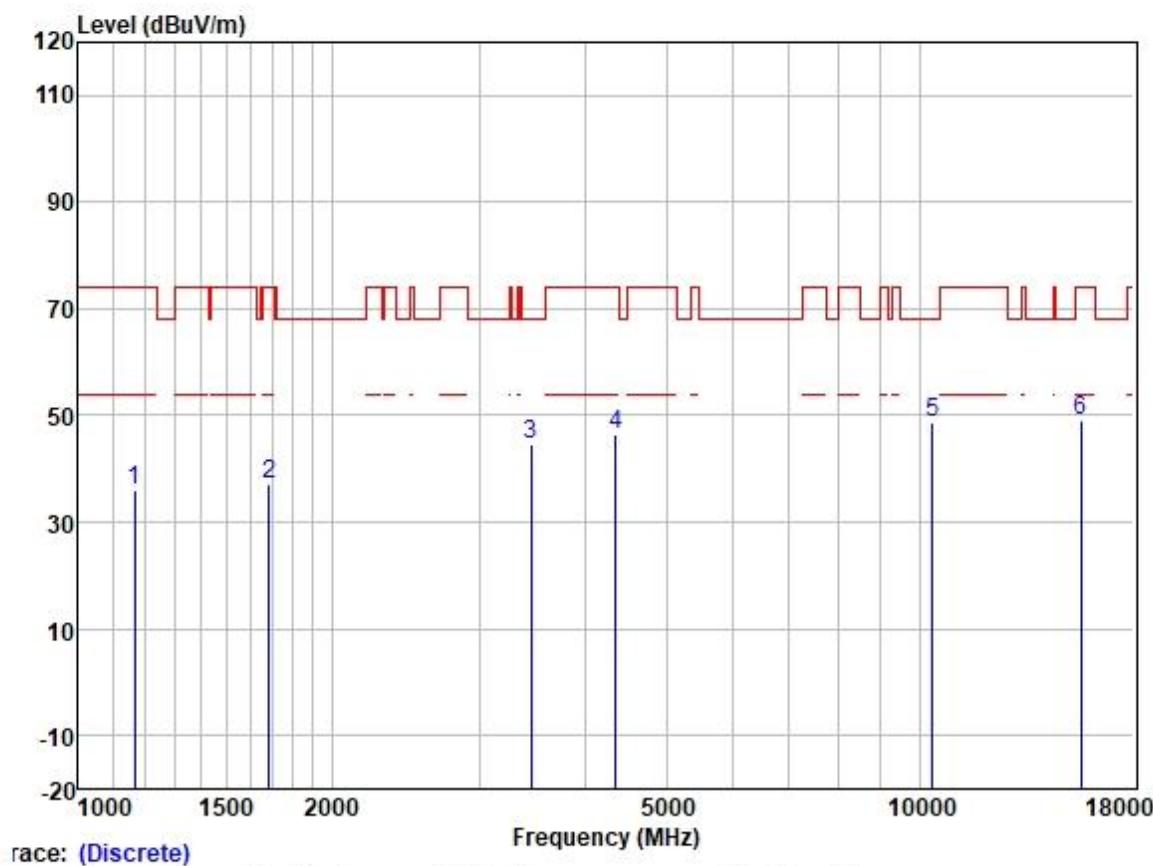


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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1	1165.546	47.49	24.54	2.39	38.40	36.02	74.00	-37.98	HORIZONTAL	Peak	
2	1687.347	46.72	25.69	2.80	37.91	37.30	74.00	-36.70	HORIZONTAL	Peak	
3	3455.508	48.33	28.88	4.20	36.96	44.45	68.20	-23.75	HORIZONTAL	Peak	
4	4354.454	48.00	30.59	4.68	36.81	46.46	74.00	-27.54	HORIZONTAL	Peak	
5	10360.000	39.65	39.28	7.29	37.37	48.85	68.20	-19.35	HORIZONTAL	Peak	
6	15540.000	35.61	39.05	9.88	35.39	49.15	74.00	-24.85	HORIZONTAL	Peak	

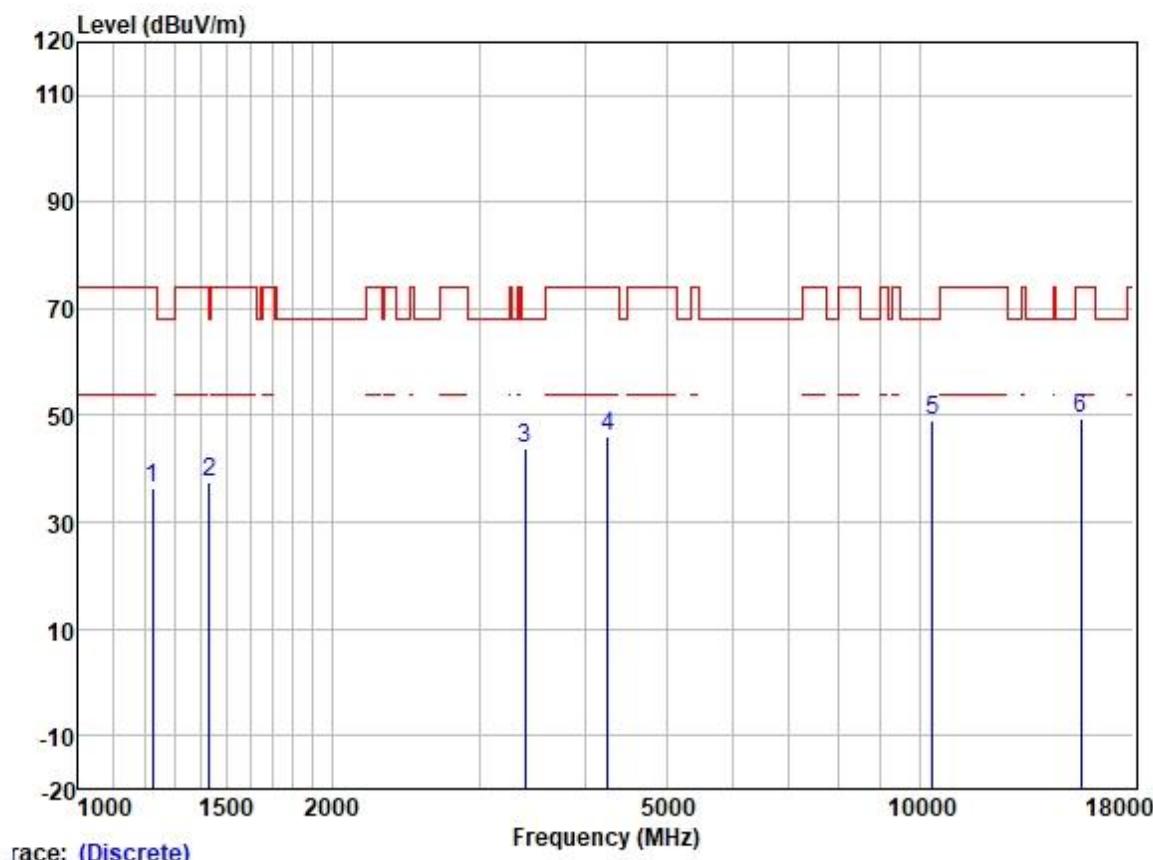
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Marker	Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
		Freq	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1224.247	47.65	24.85	2.31	38.37	36.44	74.00	-37.56	VERTICAL	Peak	
2	1431.047	47.43	25.43	2.66	38.20	37.32	68.20	-30.88	VERTICAL	Peak	
3	3396.098	47.78	28.84	4.10	36.98	43.74	68.20	-24.46	VERTICAL	Peak	
4	4254.921	48.04	30.34	4.62	36.81	46.19	74.00	-27.81	VERTICAL	Peak	
5	10360.000	39.90	39.28	7.29	37.37	49.10	68.20	-19.10	VERTICAL	Peak	
6	15540.000	36.04	39.05	9.88	35.39	49.58	74.00	-24.42	VERTICAL	Peak	

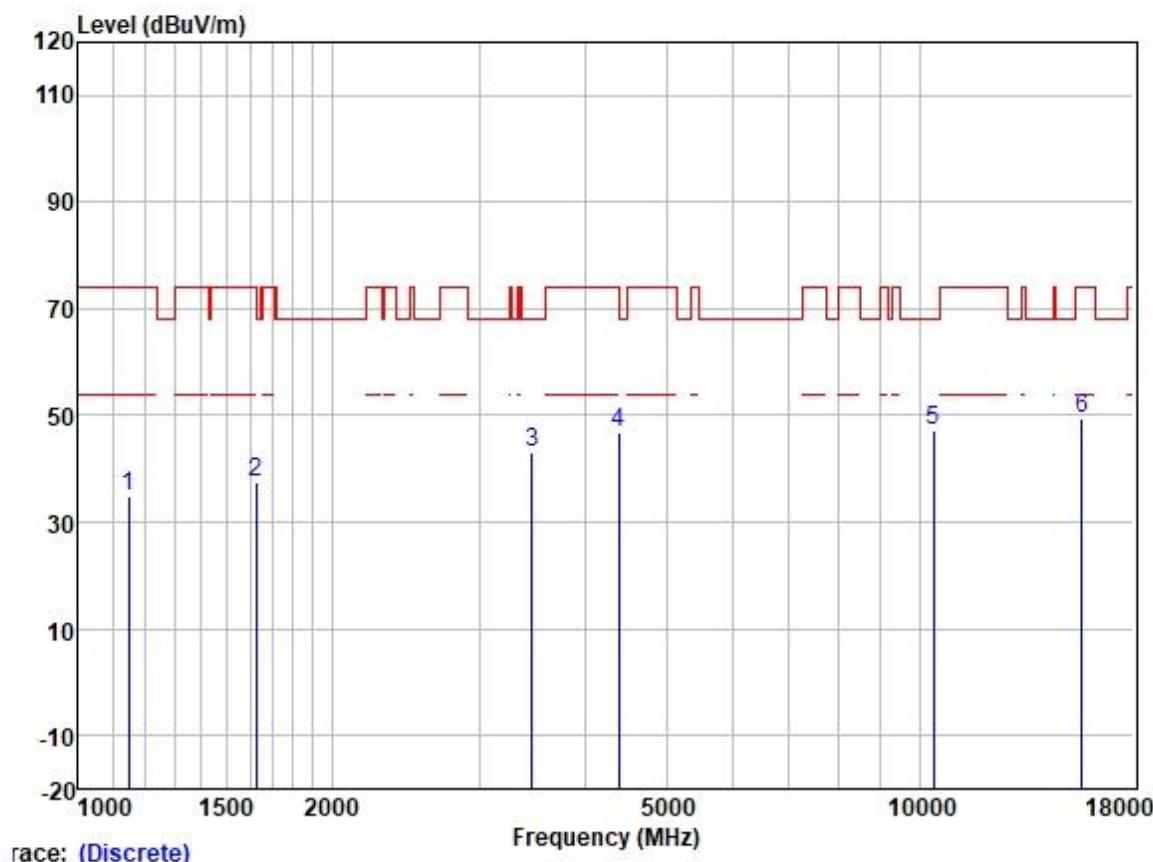
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1 1148.823	46.57	24.49	2.34	38.42	34.98	74.00	-39.02	HORIZONTAL	Peak	
2 1625.121	47.08	25.61	2.80	37.95	37.54	74.00	-36.46	HORIZONTAL	Peak	
3 3465.510	46.96	28.88	4.22	36.95	43.11	68.20	-25.09	HORIZONTAL	Peak	
4 4392.376	48.36	30.66	4.70	36.81	46.91	74.00	-27.09	HORIZONTAL	Peak	
5 10400.000	37.74	39.33	7.32	37.36	47.03	68.20	-21.17	HORIZONTAL	Peak	
6 15600.000	35.85	38.99	9.88	35.39	49.33	74.00	-24.67	HORIZONTAL	Peak	

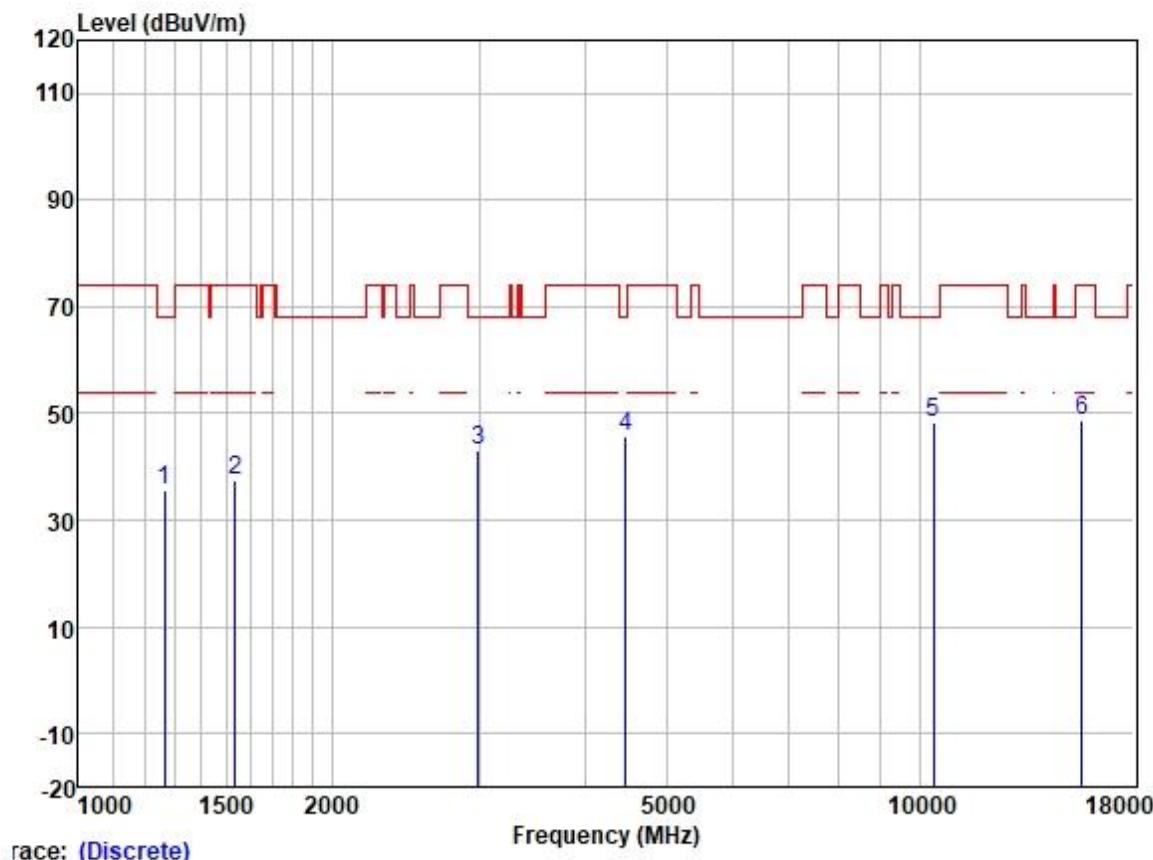
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1	1267.454	46.52	25.10	2.44	38.33	35.73	68.20	-32.47	VERTICAL	Peak	
2	1538.281	47.32	25.53	2.80	38.03	37.62	74.00	-36.38	VERTICAL	Peak	
3	2990.531	48.06	28.39	3.79	37.25	42.99	68.20	-25.21	VERTICAL	Peak	
4	4469.214	46.68	30.77	4.93	36.81	45.57	68.20	-22.63	VERTICAL	Peak	
5	10400.000	38.86	39.33	7.32	37.36	48.15	68.20	-20.05	VERTICAL	Peak	
6	15600.000	35.29	38.99	9.88	35.39	48.77	74.00	-25.23	VERTICAL	Peak	

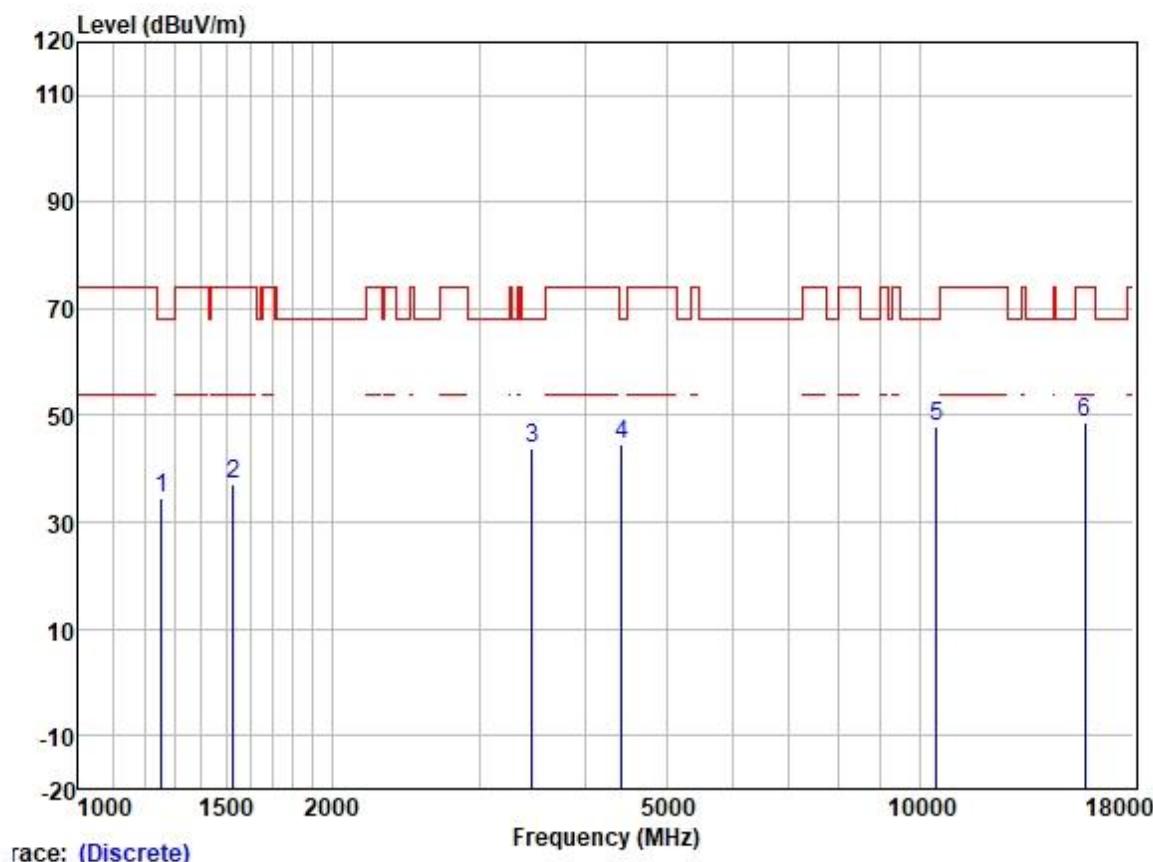
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

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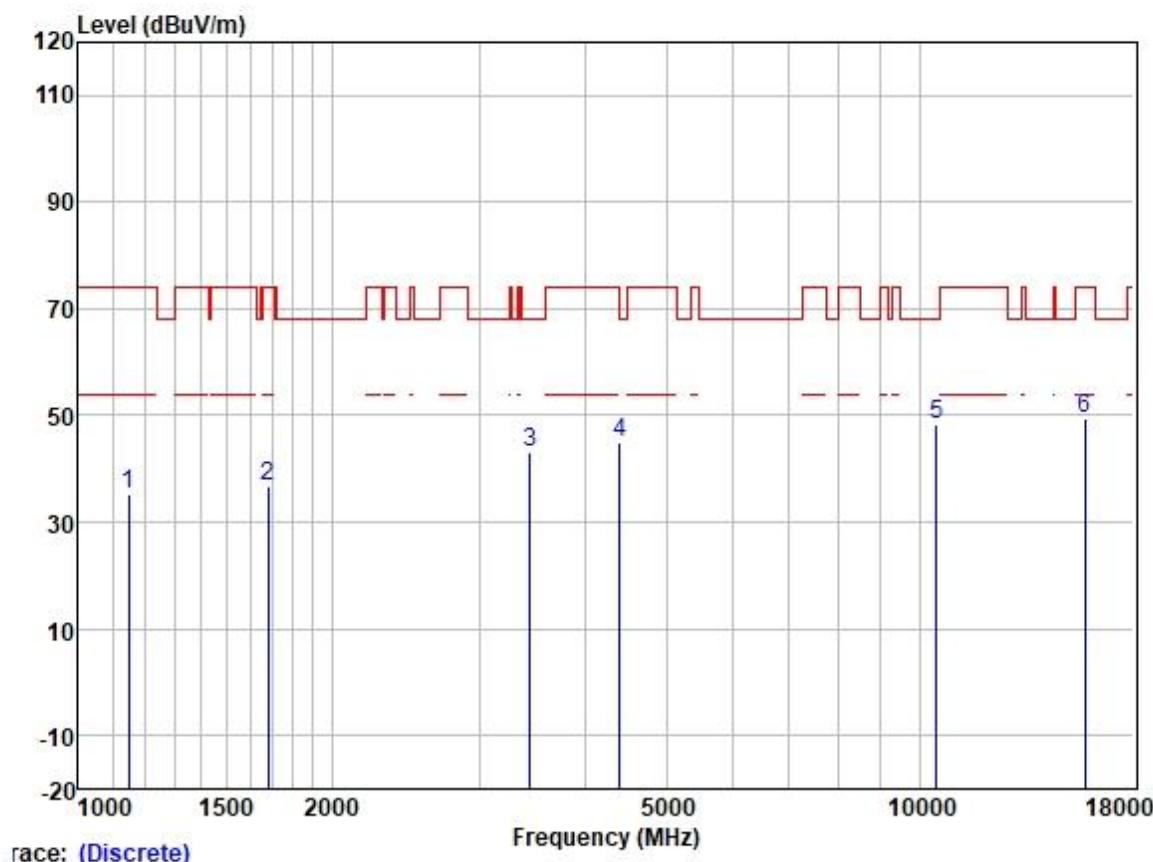
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Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	1148.823	46.66	24.49	2.34	38.42	35.07	74.00	-38.93	VERTICAL	Peak
2	1682.477	46.29	25.68	2.80	37.91	36.86	74.00	-37.14	VERTICAL	Peak
3	3445.535	47.13	28.87	4.18	36.96	43.22	68.20	-24.98	VERTICAL	Peak
4	4405.090	46.26	30.68	4.70	36.81	44.83	68.20	-23.37	VERTICAL	Peak
5	10480.000	38.77	39.46	7.40	37.36	48.27	68.20	-19.93	VERTICAL	Peak
6	15720.000	36.04	38.78	9.87	35.39	49.30	74.00	-24.70	VERTICAL	Peak

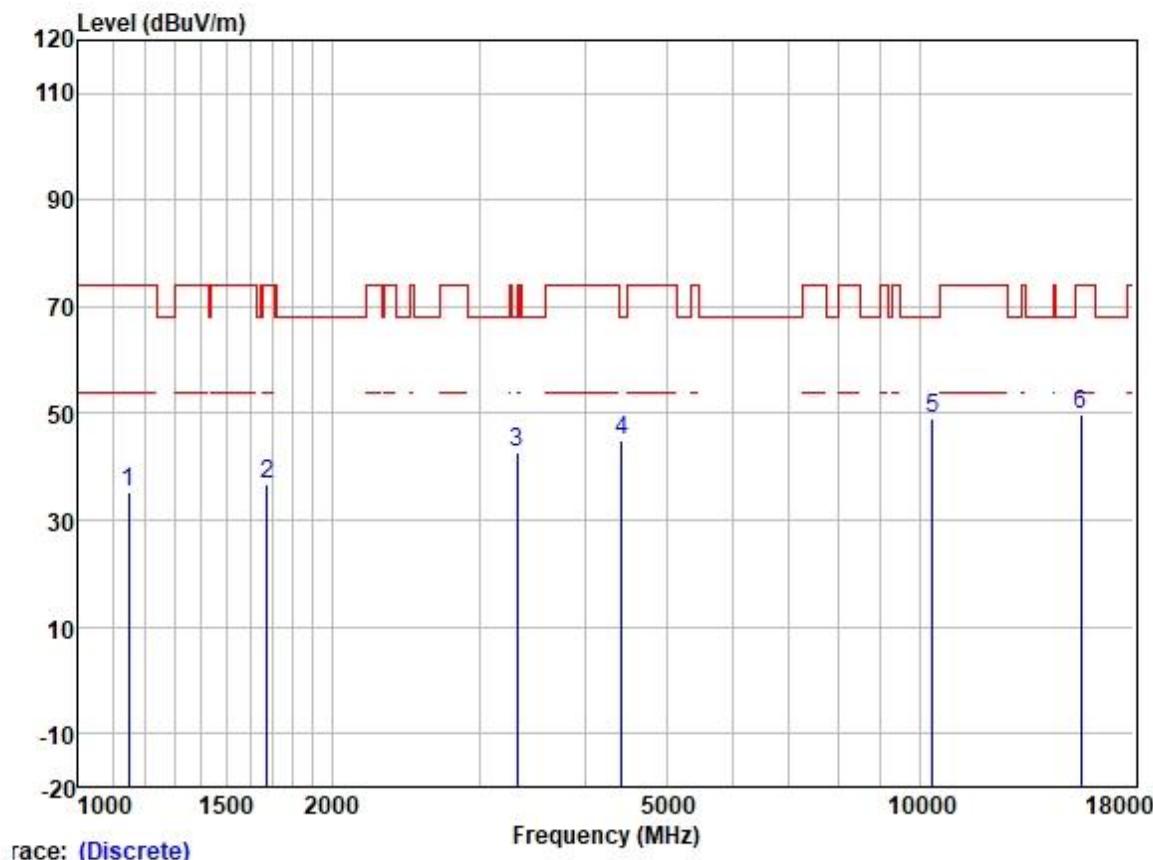
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	Level	Factor	Loss	Factor							
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1 1148.823	46.84	24.49	2.34	38.42	35.25	74.00	-38.75	HORIZONTAL	Peak		
2 1677.621	46.36	25.68	2.80	37.91	36.93	74.00	-37.07	HORIZONTAL	Peak		
3 3328.077	46.81	28.78	4.07	37.02	42.64	68.20	-25.56	HORIZONTAL	Peak		
4 4430.628	46.29	30.72	4.78	36.81	44.98	68.20	-23.22	HORIZONTAL	Peak		
5 10360.000	40.03	39.28	7.29	37.37	49.23	68.20	-18.97	HORIZONTAL	Peak		
6 15540.000	36.31	39.05	9.88	35.39	49.85	74.00	-24.15	HORIZONTAL	Peak		

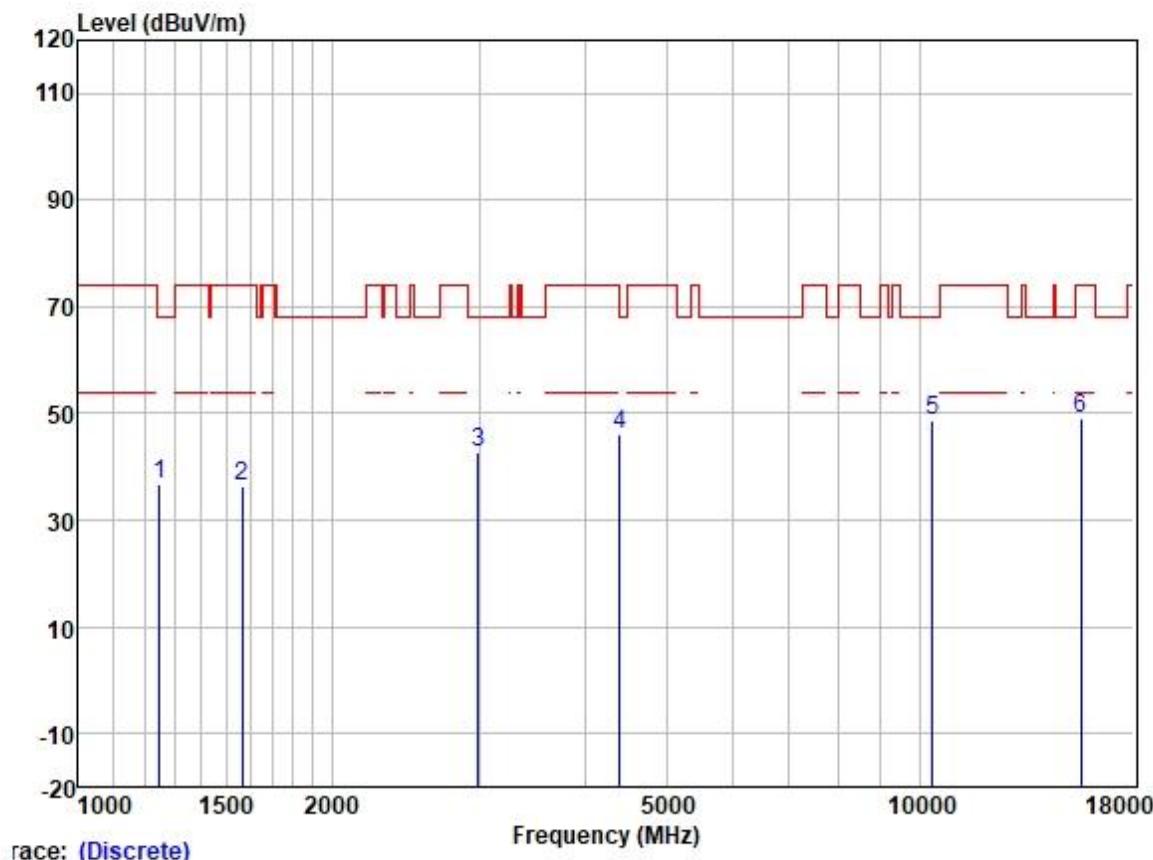
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1	1249.269	47.58	25.02	2.34	38.35	36.59	68.20	-31.61	VERTICAL	Peak	
2	1565.191	46.01	25.55	2.80	38.00	36.36	74.00	-37.64	VERTICAL	Peak	
3	2990.531	47.81	28.39	3.79	37.25	42.74	68.20	-25.46	VERTICAL	Peak	
4	4405.090	47.65	30.68	4.70	36.81	46.22	68.20	-21.98	VERTICAL	Peak	
5	10360.000	39.47	39.28	7.29	37.37	48.67	68.20	-19.53	VERTICAL	Peak	
6	15540.000	35.63	39.05	9.88	35.39	49.17	74.00	-24.83	VERTICAL	Peak	

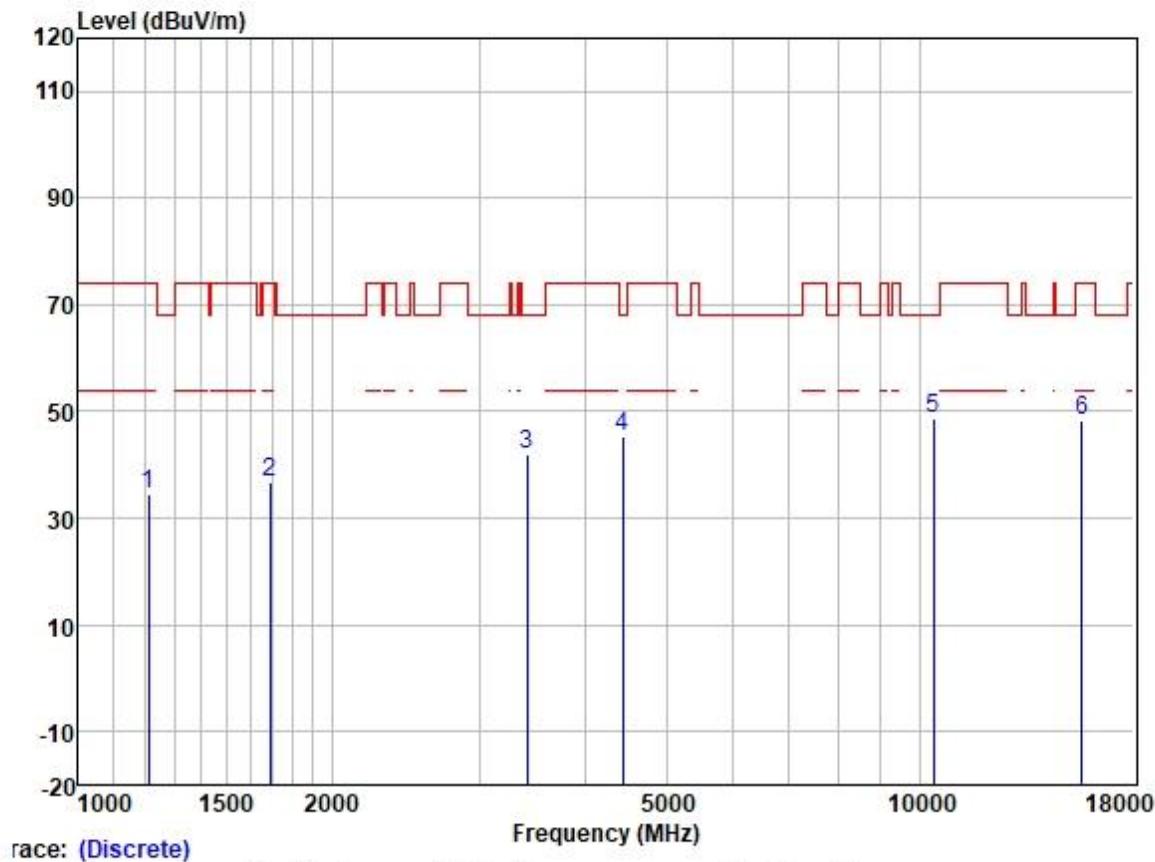
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



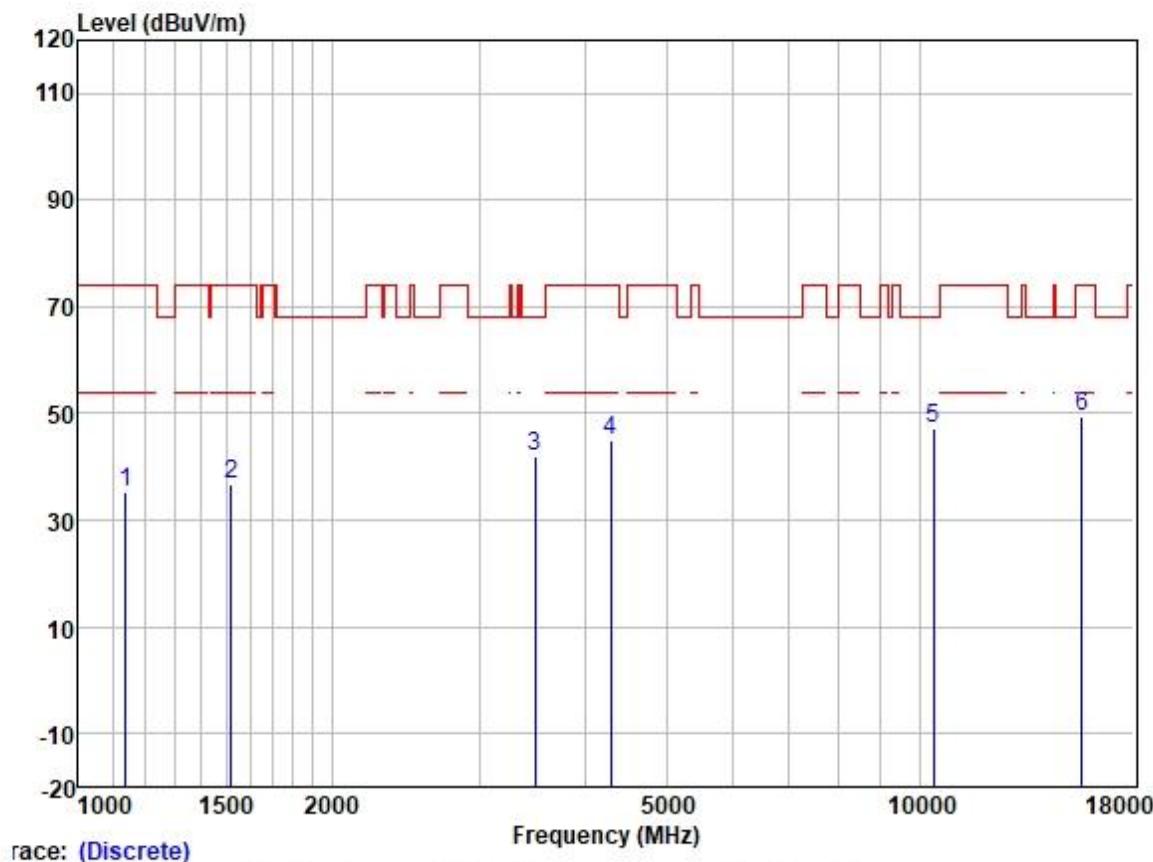
Freq	ReadAntenna		Cable		Preamp		Limit		Over		Remark
	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase			
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1	1210.174	45.68	24.74	2.33	38.39	34.36	74.00	-39.64	HORIZONTAL	Peak	
2	1692.231	46.13	25.70	2.80	37.89	36.74	74.00	-37.26	HORIZONTAL	Peak	
3	3415.787	46.04	28.85	4.13	36.97	42.05	68.20	-26.15	HORIZONTAL	Peak	
4	4443.453	46.47	30.73	4.83	36.81	45.22	68.20	-22.98	HORIZONTAL	Peak	
5	10400.000	39.29	39.33	7.32	37.36	48.58	68.20	-19.62	HORIZONTAL	Peak	
6	15600.000	34.93	38.99	9.88	35.39	48.41	74.00	-25.59	HORIZONTAL	Peak	

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SGS-CST Standards Technical Services Co.,Ltd.

Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1 1138.904	46.90	24.46	2.27	38.42	35.21	74.00	-38.79	VERTICAL	Peak		
2 1520.598	46.60	25.51	2.80	38.07	36.84	74.00	-37.16	VERTICAL	Peak		
3 3495.691	45.79	28.90	4.30	36.94	42.05	68.20	-26.15	VERTICAL	Peak		
4 4291.977	46.85	30.45	4.64	36.81	45.13	74.00	-28.87	VERTICAL	Peak		
5 10400.000	38.09	39.33	7.32	37.36	47.38	68.20	-20.82	VERTICAL	Peak		
6 15600.000	35.87	38.99	9.88	35.39	49.35	74.00	-24.65	VERTICAL	Peak		

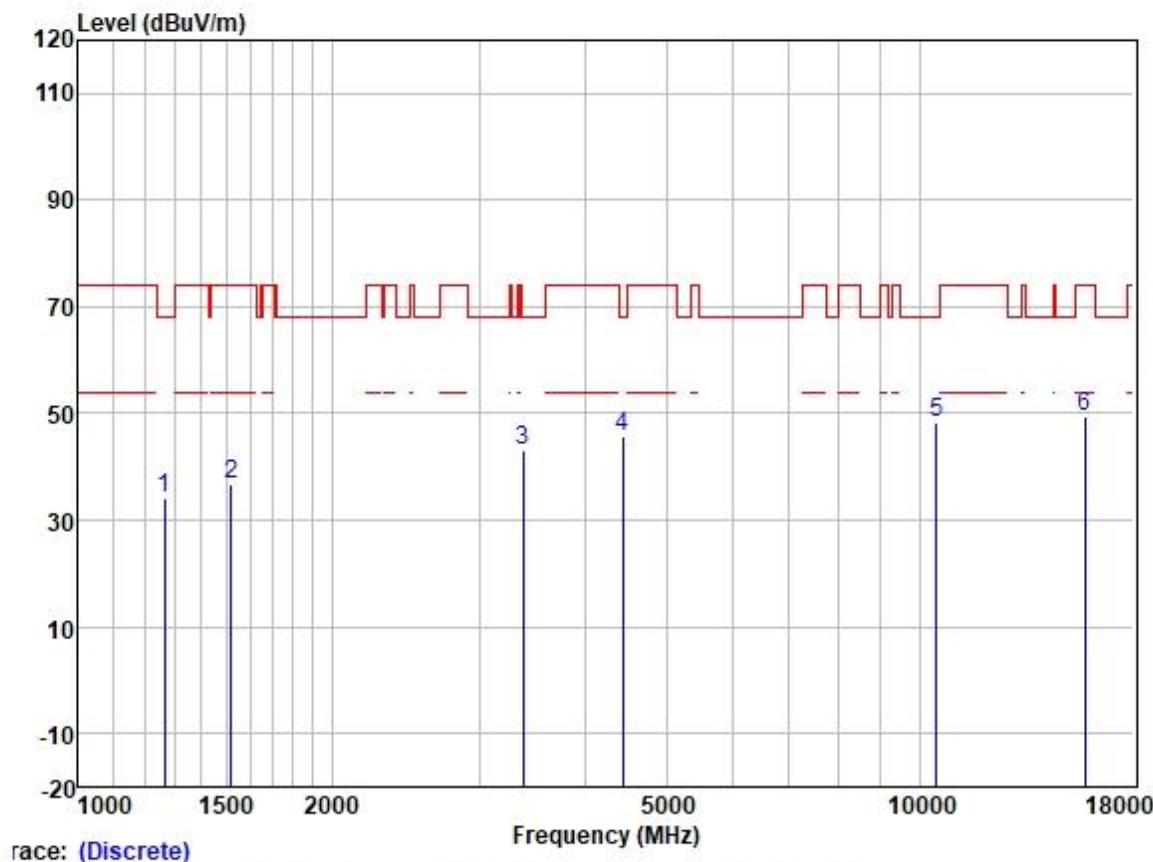
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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center for EEC Laboratory

Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Index	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Limit	Pol/Phase	Remark
		Level	Factor	Loss	Factor						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1267.454	44.98	25.10	2.44	38.33	34.19	68.20	-34.01	HORIZONTAL	Peak	
2	1520.598	46.61	25.51	2.80	38.07	36.85	74.00	-37.15	HORIZONTAL	Peak	
3	3376.523	47.13	28.83	4.09	36.99	43.06	68.20	-25.14	HORIZONTAL	Peak	
4	4443.453	47.12	30.73	4.83	36.81	45.87	68.20	-22.33	HORIZONTAL	Peak	
5	10480.000	38.90	39.46	7.40	37.36	48.40	68.20	-19.80	HORIZONTAL	Peak	
6	15720.000	36.15	38.78	9.87	35.39	49.41	74.00	-24.59	HORIZONTAL	Peak	

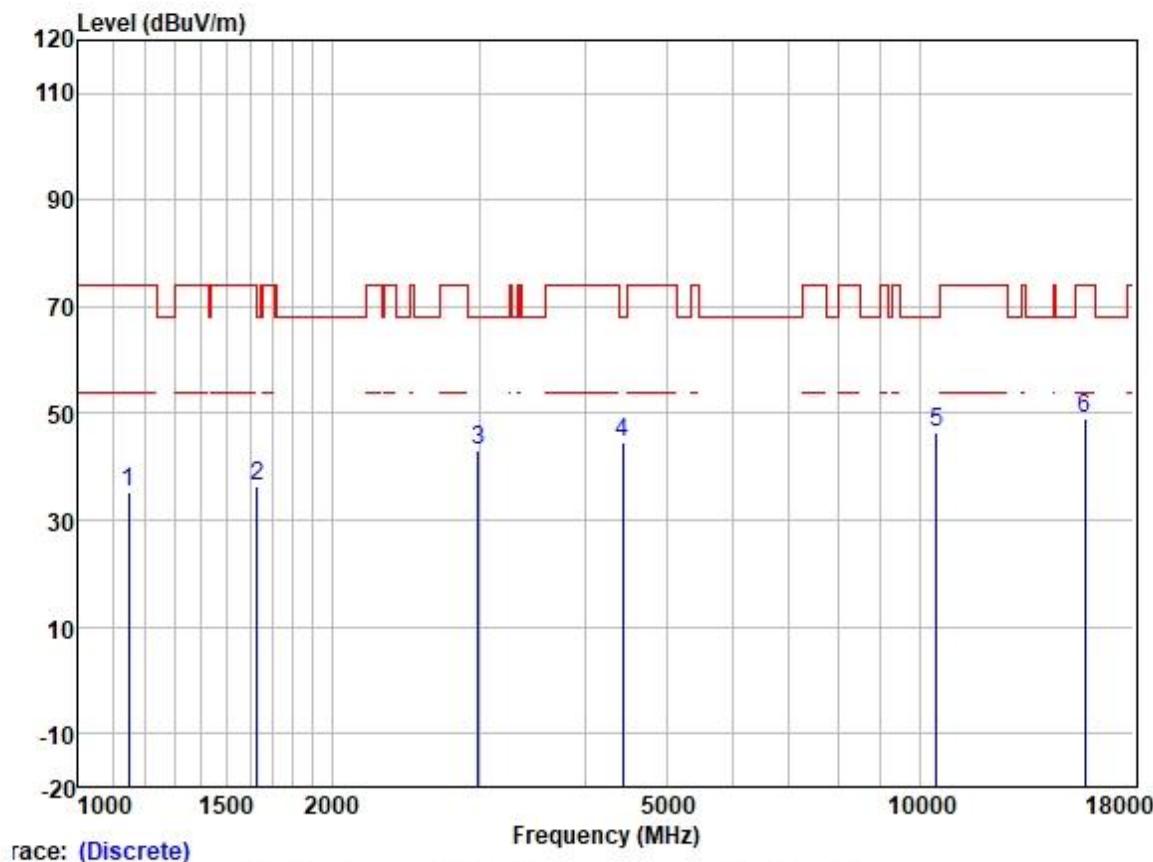
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor	Level	Line				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1 1148.823	46.80	24.49	2.34	38.42	35.21	74.00	-38.79	VERTICAL	Peak	
2 1629.825	45.83	25.61	2.80	37.95	36.29	68.20	-31.91	VERTICAL	Peak	
3 2990.531	48.03	28.39	3.79	37.25	42.96	68.20	-25.24	VERTICAL	Peak	
4 4443.453	45.73	30.73	4.83	36.81	44.48	68.20	-23.72	VERTICAL	Peak	
5 10480.000	37.05	39.46	7.40	37.36	46.55	68.20	-21.65	VERTICAL	Peak	
6 15720.000	35.74	38.78	9.87	35.39	49.00	74.00	-25.00	VERTICAL	Peak	

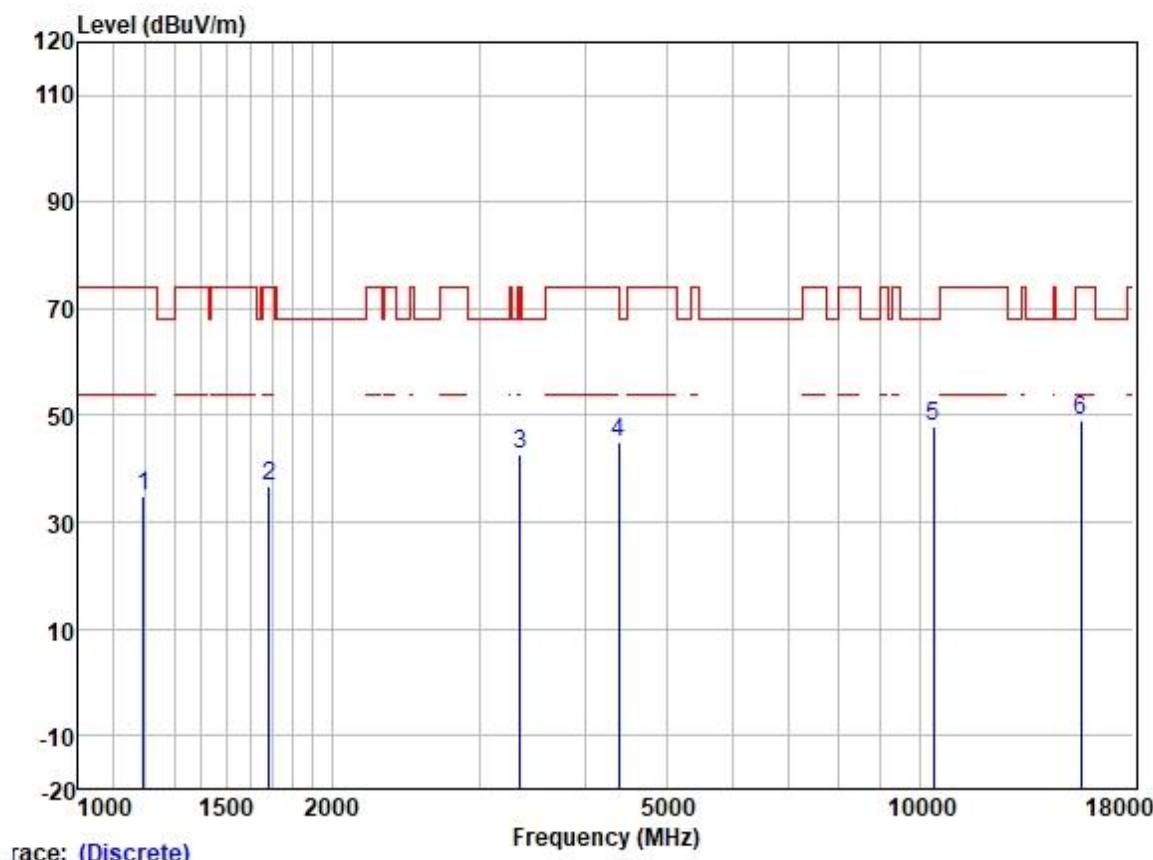
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
1	1196.264	46.33	24.67	2.35	38.39	34.96	74.00	-39.04	HORIZONTAL	Peak
2	1687.347	46.00	25.69	2.80	37.91	36.58	74.00	-37.42	HORIZONTAL	Peak
3	3347.371	47.00	28.80	4.08	37.01	42.87	74.00	-31.13	HORIZONTAL	Peak
4	4392.376	46.45	30.66	4.70	36.81	45.00	74.00	-29.00	HORIZONTAL	Peak
5	10380.000	38.50	39.33	7.32	37.37	47.78	68.20	-20.42	HORIZONTAL	Peak
6	15570.000	35.44	38.99	9.88	35.39	48.92	74.00	-25.08	HORIZONTAL	Peak

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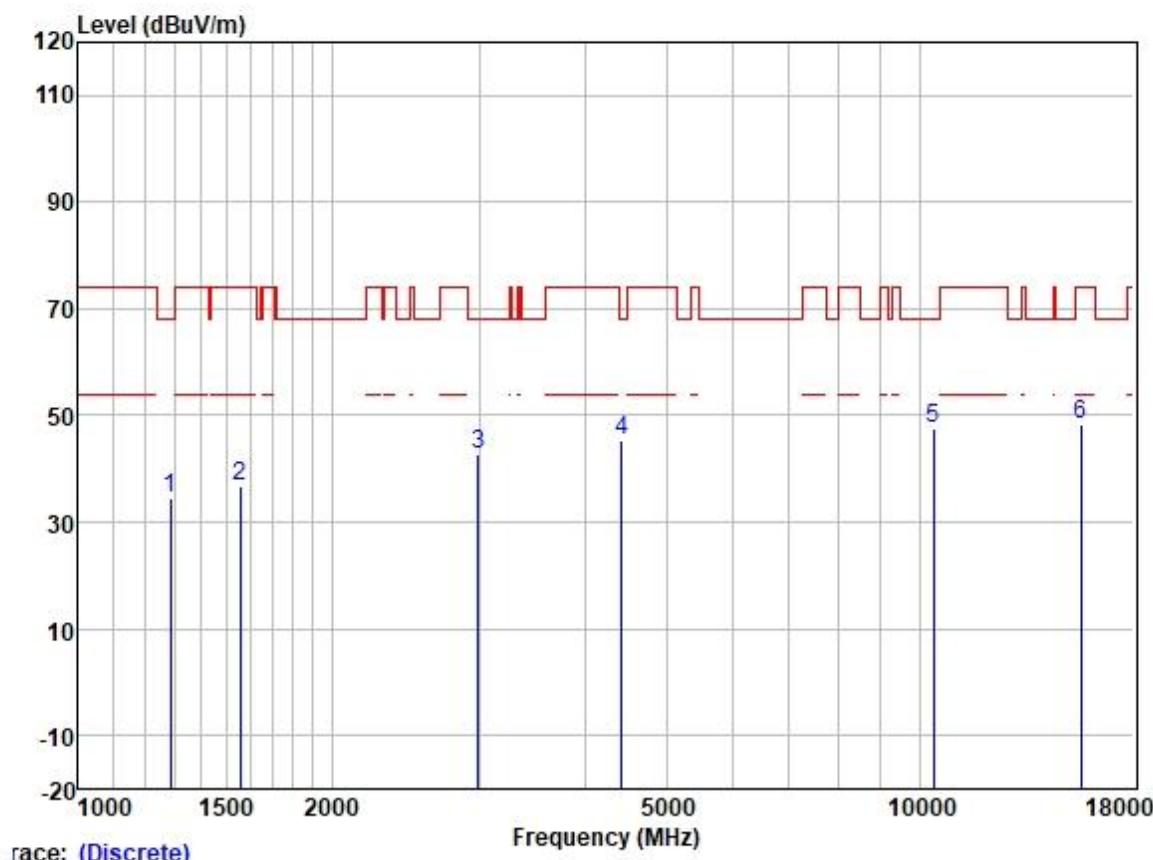
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB			
1	1285.904	45.23	25.16	2.53	38.33	34.59	68.20	-33.61	VERTICAL		Peak	
2	1556.169	46.46	25.54	2.80	38.03	36.77	74.00	-37.23	VERTICAL		Peak	
3	2990.531	47.61	28.39	3.79	37.25	42.54	68.20	-25.66	VERTICAL		Peak	
4	4430.628	46.70	30.72	4.78	36.81	45.39	68.20	-22.81	VERTICAL		Peak	
5	10380.000	38.12	39.33	7.32	37.37	47.40	68.20	-20.80	VERTICAL		Peak	
6	15570.000	34.66	38.99	9.88	35.39	48.14	74.00	-25.86	VERTICAL		Peak	

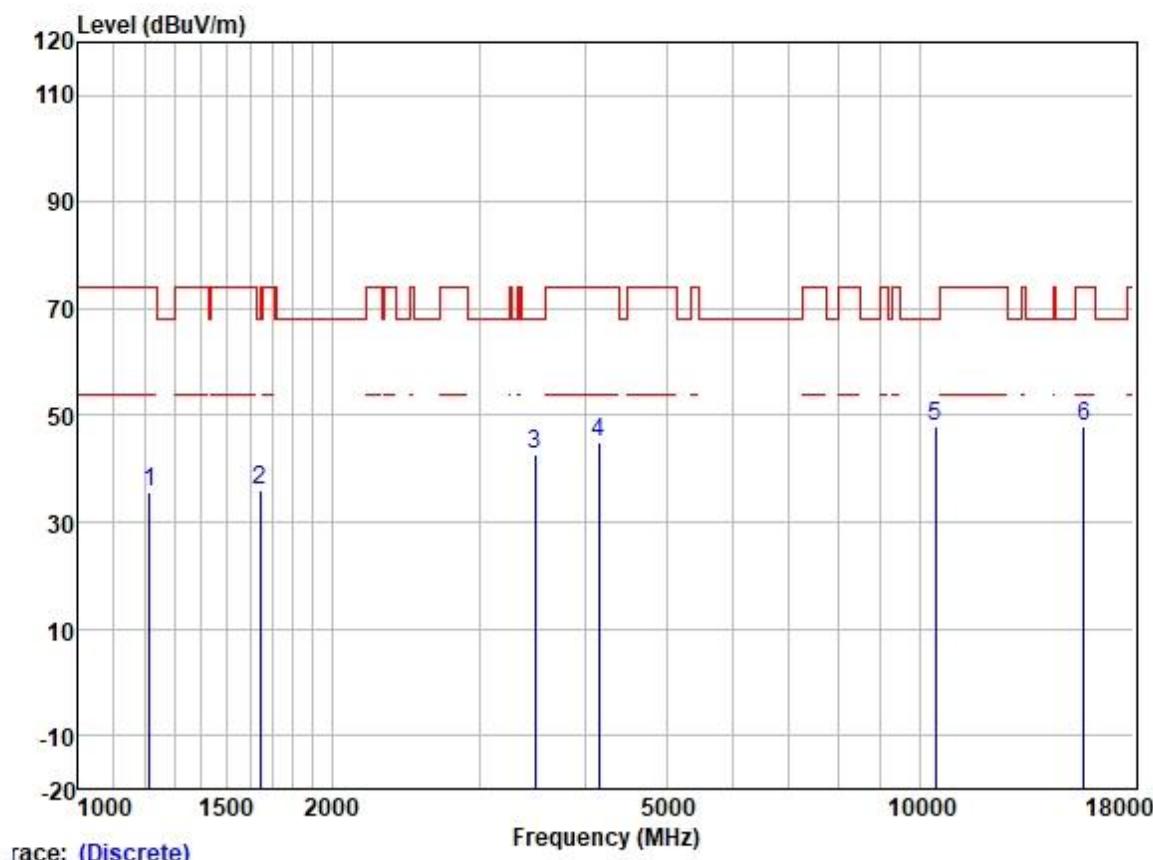
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1	1213.677	46.75	24.77	2.32	38.37	35.47	74.00	-38.53	HORIZONTAL	Peak	
2	1644.019	45.35	25.63	2.80	37.93	35.85	68.20	-32.35	HORIZONTAL	Peak	
3	3495.691	46.40	28.90	4.30	36.94	42.66	68.20	-25.54	HORIZONTAL	Peak	
4	4157.664	46.99	30.06	4.60	36.80	44.85	74.00	-29.15	HORIZONTAL	Peak	
5	10460.000	38.51	39.42	7.37	37.36	47.94	68.20	-20.26	HORIZONTAL	Peak	
6	15690.000	34.75	38.86	9.87	35.39	48.09	74.00	-25.91	HORIZONTAL	Peak	

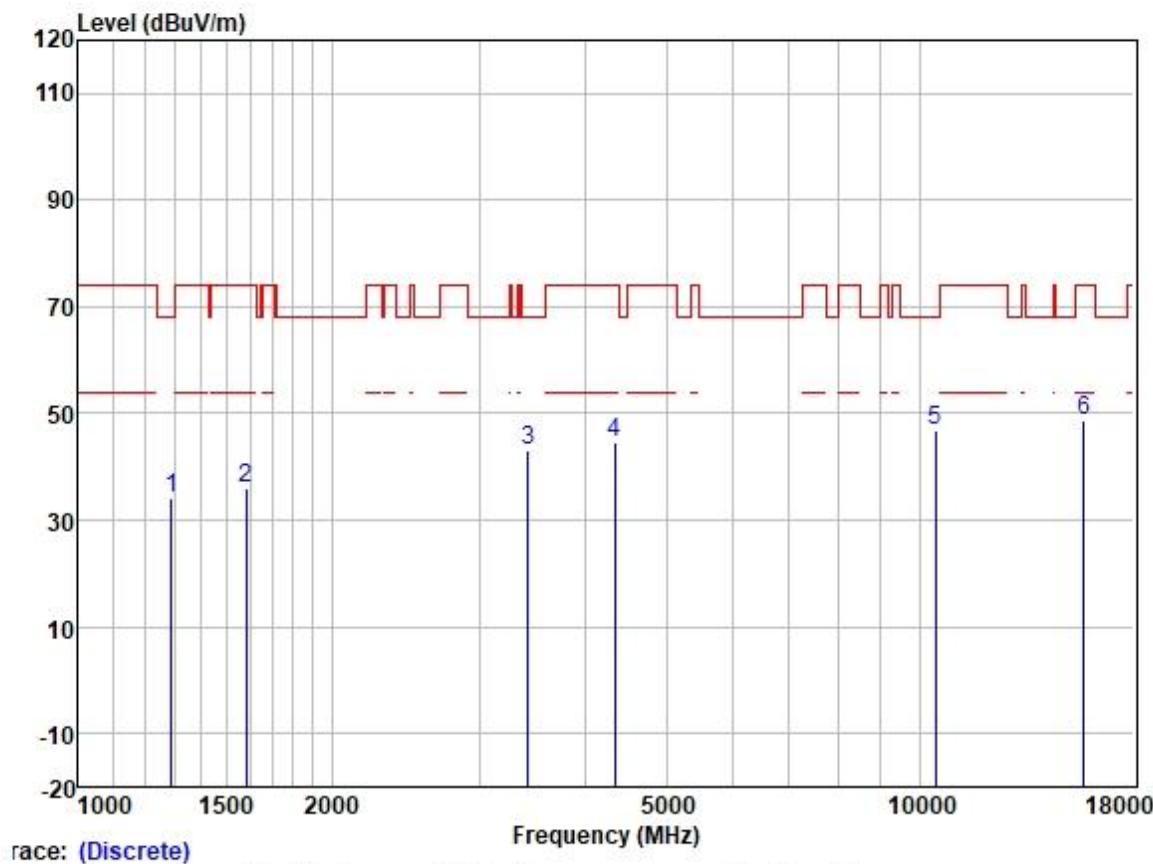
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Test Mode: 11; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



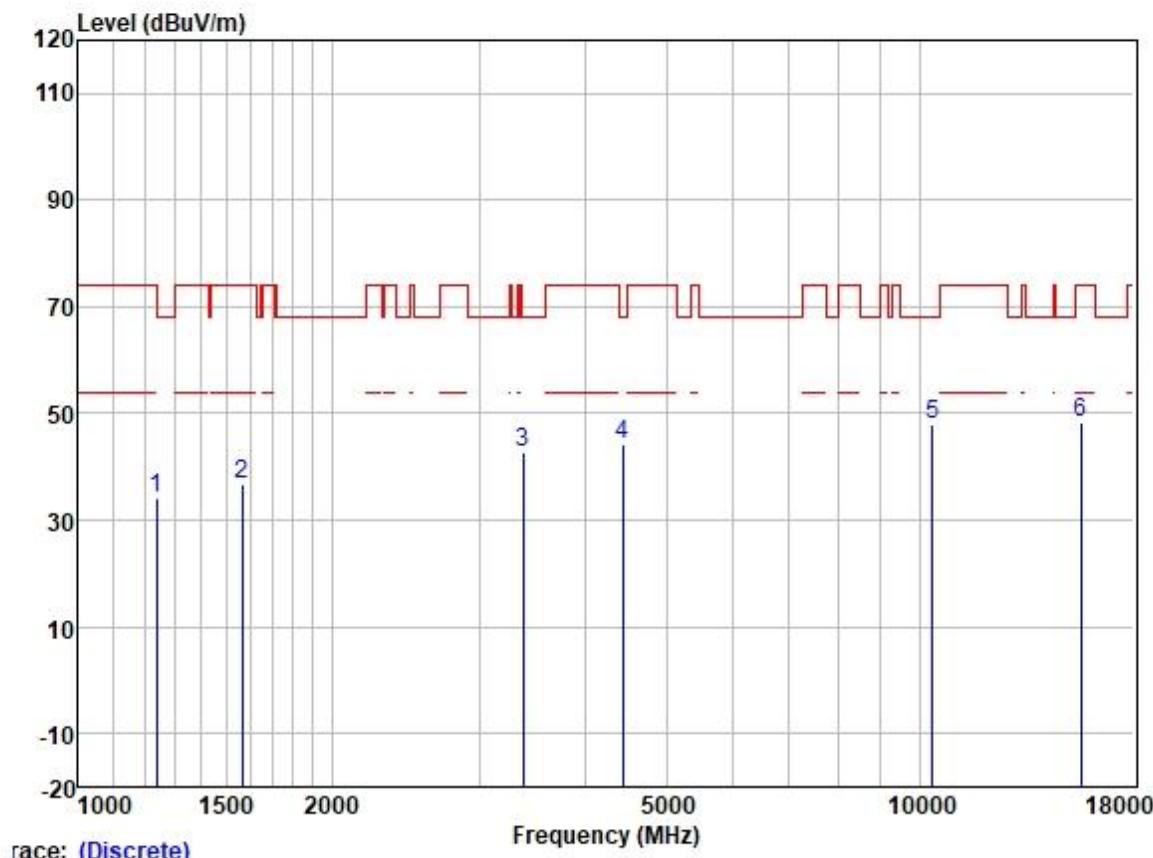
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1238.483	45.11	24.96	2.30	38.35	34.02	74.00	-39.98	HORIZONTAL	Peak
2	1565.191	46.34	25.55	2.80	38.00	36.69	74.00	-37.31	HORIZONTAL	Peak
3	3376.523	46.87	28.83	4.09	36.99	42.80	68.20	-25.40	HORIZONTAL	Peak
4	4443.453	45.62	30.73	4.83	36.81	44.37	68.20	-23.83	HORIZONTAL	Peak
5	10360.000	38.58	39.28	7.29	37.37	47.78	68.20	-20.42	HORIZONTAL	Peak
6	15540.000	34.83	39.05	9.88	35.39	48.37	74.00	-25.63	HORIZONTAL	Peak

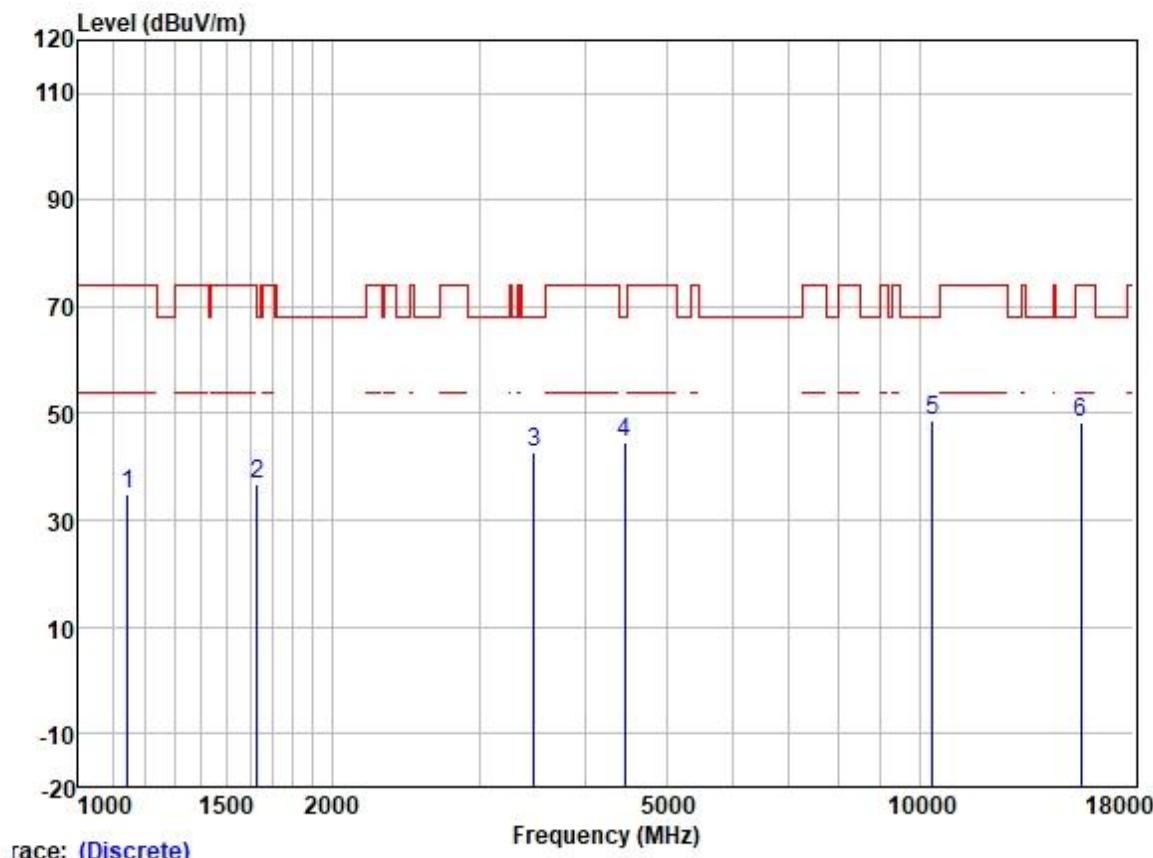
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1145.507	46.53	24.48	2.32	38.42	34.91	74.00	-39.09	VERTICAL	Peak	
2	1629.825	46.24	25.61	2.80	37.95	36.70	68.20	-31.50	VERTICAL	Peak	
3	3485.601	46.39	28.89	4.27	36.95	42.60	68.20	-25.60	VERTICAL	Peak	
4	4456.315	45.60	30.75	4.88	36.81	44.42	68.20	-23.78	VERTICAL	Peak	
5	10360.000	39.46	39.28	7.29	37.37	48.66	68.20	-19.54	VERTICAL	Peak	
6	15540.000	34.60	39.05	9.88	35.39	48.14	74.00	-25.86	VERTICAL	Peak	

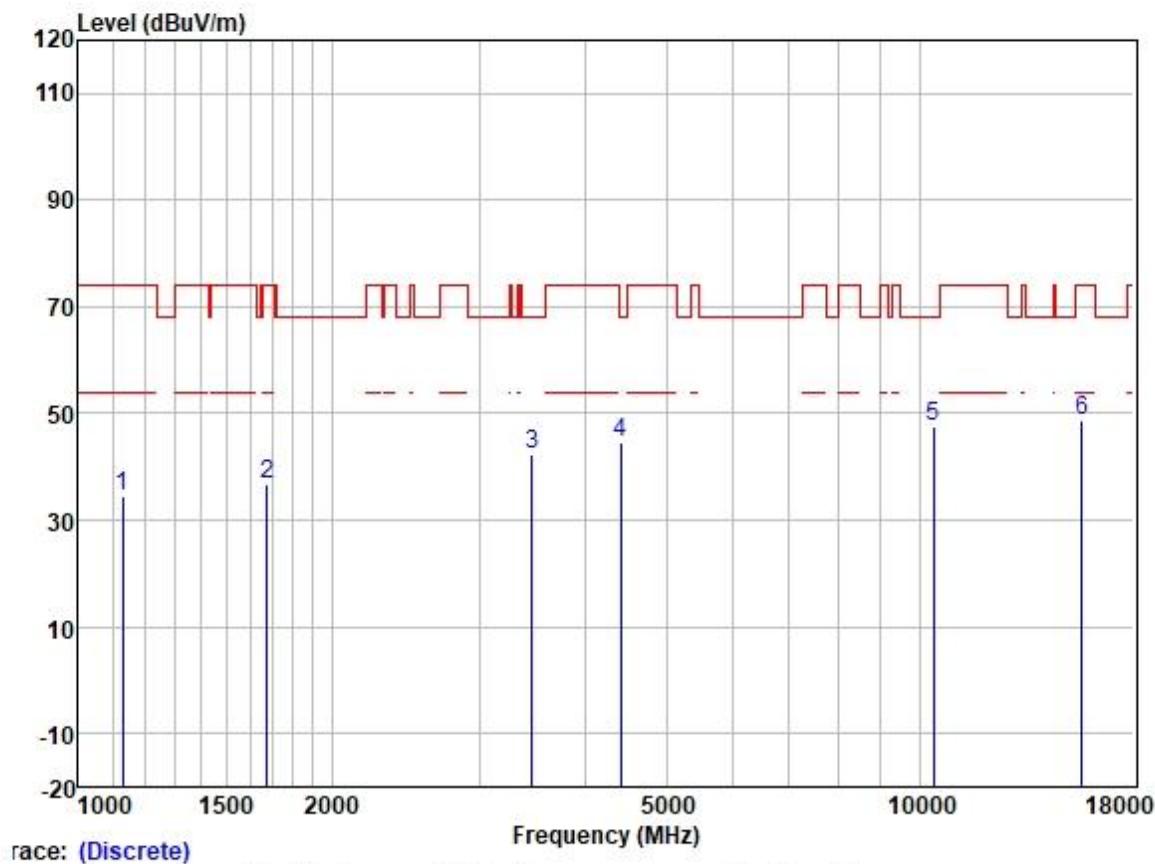
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB		
1	1129.072	46.33	24.43	2.20	38.43	34.53	74.00	-39.47	HORIZONTAL	Peak	
2	1677.621	46.08	25.68	2.80	37.91	36.65	74.00	-37.35	HORIZONTAL	Peak	
3	3465.510	46.28	28.88	4.22	36.95	42.43	68.20	-25.77	HORIZONTAL	Peak	
4	4417.841	46.03	30.70	4.74	36.81	44.66	68.20	-23.54	HORIZONTAL	Peak	
5	10400.000	38.13	39.33	7.32	37.36	47.42	68.20	-20.78	HORIZONTAL	Peak	
6	15600.000	35.14	38.99	9.88	35.39	48.62	74.00	-25.38	HORIZONTAL	Peak	

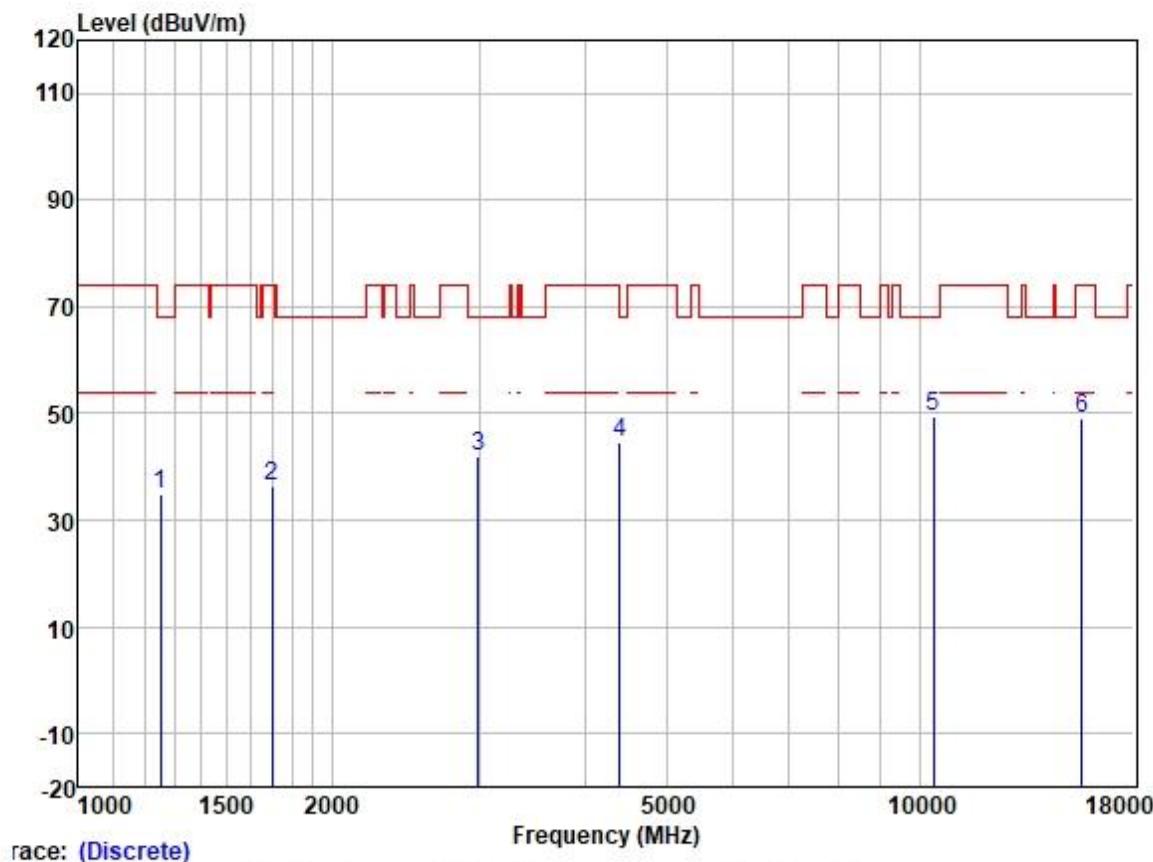
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



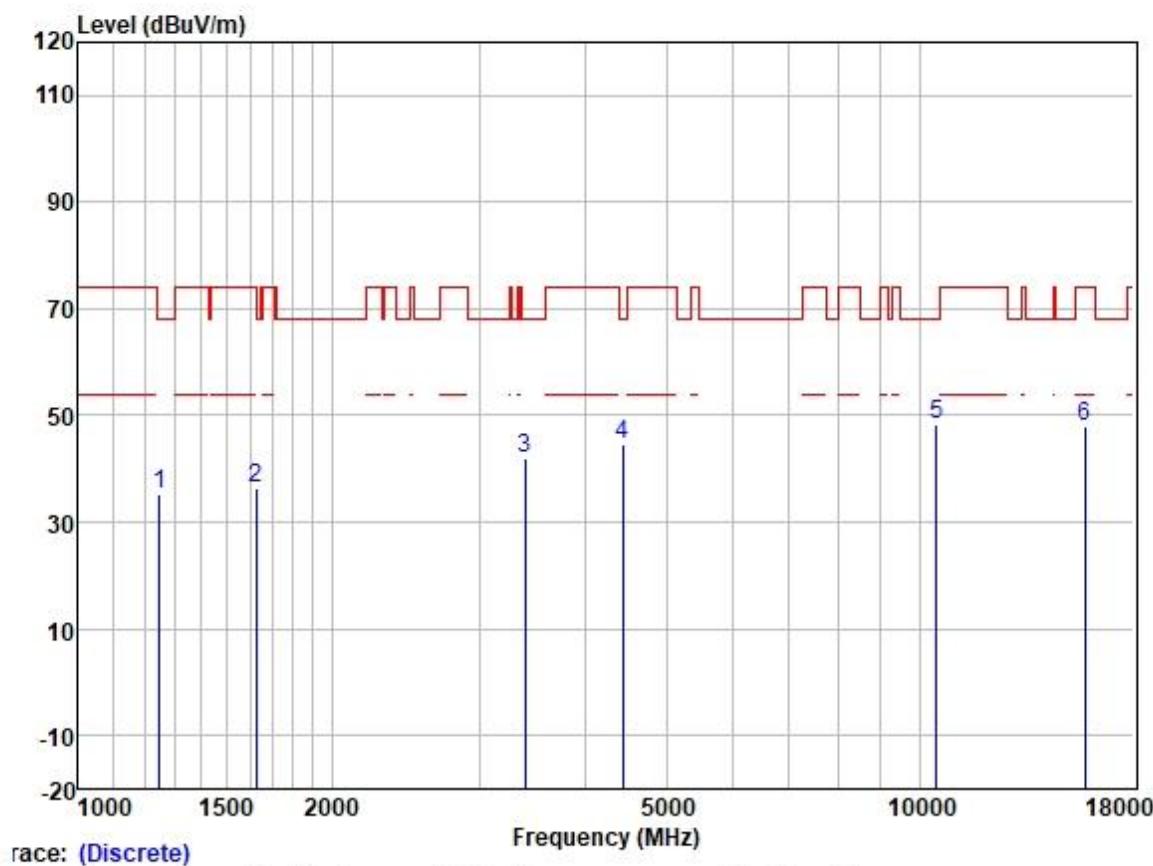
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB			
1	1249.269	46.07	25.02	2.34	38.35	35.08	68.20	-33.12	HORIZONTAL	Peak	
2	1625.121	45.97	25.61	2.80	37.95	36.43	74.00	-37.57	HORIZONTAL	Peak	
3	3396.098	46.15	28.84	4.10	36.98	42.11	68.20	-26.09	HORIZONTAL	Peak	
4	4443.453	45.82	30.73	4.83	36.81	44.57	68.20	-23.63	HORIZONTAL	Peak	
5	10480.000	38.88	39.46	7.40	37.36	48.38	68.20	-19.82	HORIZONTAL	Peak	
6	15720.000	34.81	38.78	9.87	35.39	48.07	74.00	-25.93	HORIZONTAL	Peak	

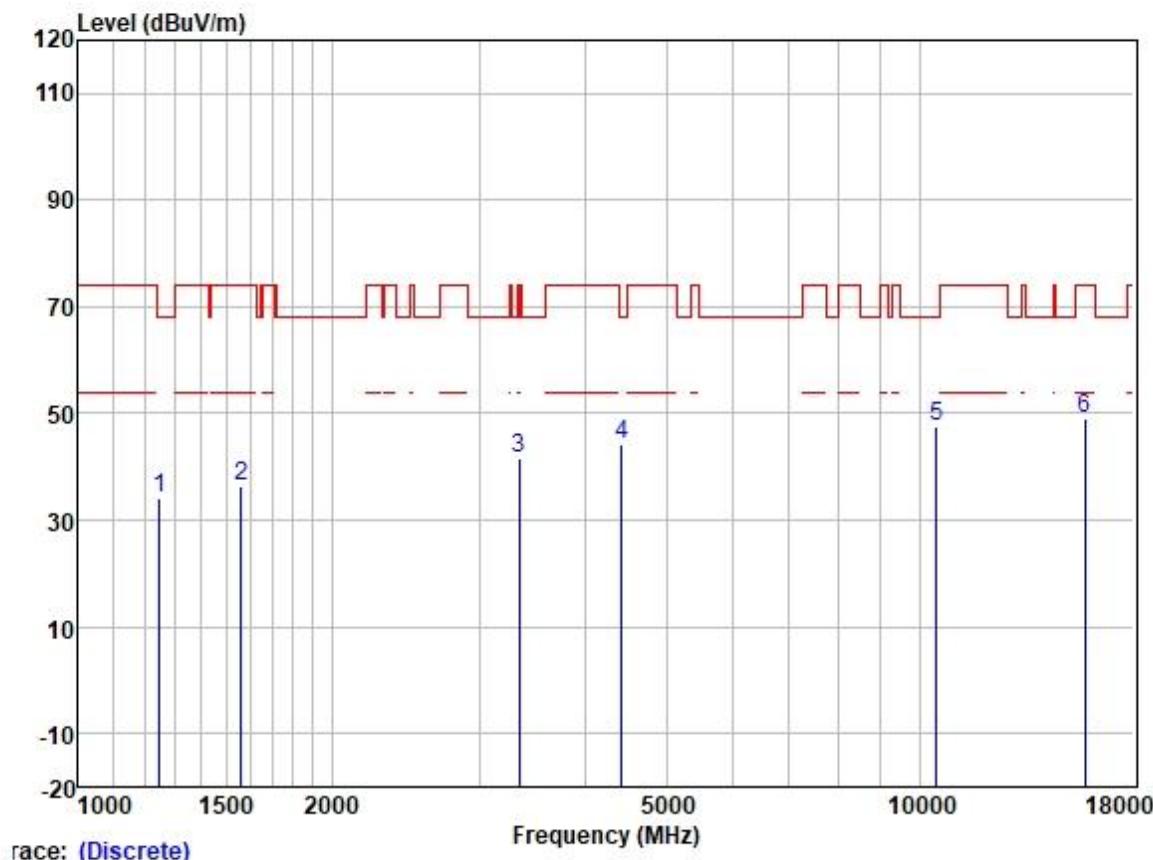
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB	
1	1249.269	45.07	25.02	2.34	38.35	34.08	68.20	-34.12	VERTICAL	Peak
2	1560.673	46.15	25.54	2.80	38.03	36.46	74.00	-37.54	VERTICAL	Peak
3	3337.710	45.92	28.79	4.08	37.01	41.78	74.00	-32.22	VERTICAL	Peak
4	4430.628	45.70	30.72	4.78	36.81	44.39	68.20	-23.81	VERTICAL	Peak
5	10480.000	38.03	39.46	7.40	37.36	47.53	68.20	-20.67	VERTICAL	Peak
6	15720.000	35.84	38.78	9.87	35.39	49.10	74.00	-24.90	VERTICAL	Peak

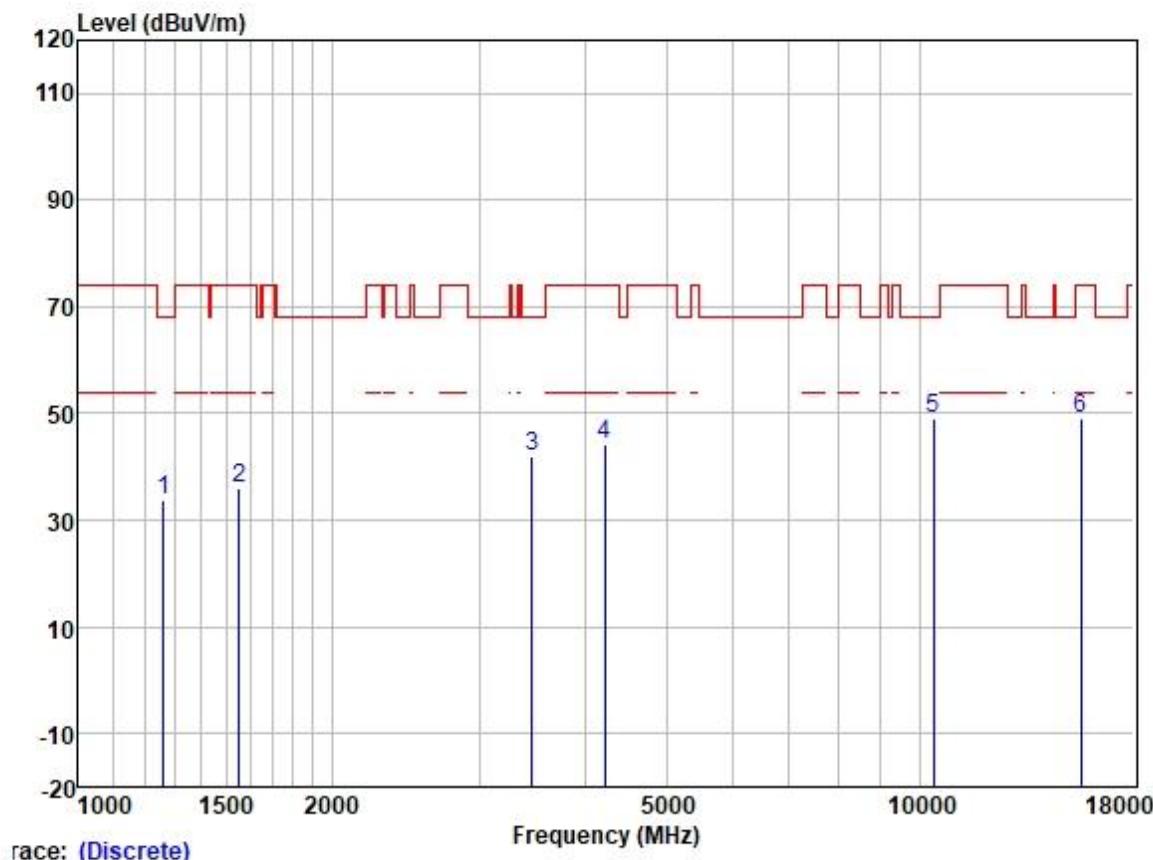
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1263.796	44.56	25.08	2.42	38.33	33.73	68.20	-34.47	HORIZONTAL	Peak	
2	1551.677	45.84	25.54	2.80	38.03	36.15	74.00	-37.85	HORIZONTAL	Peak	
3	3465.510	45.66	28.88	4.22	36.95	41.81	68.20	-26.39	HORIZONTAL	Peak	
4	4230.396	46.30	30.26	4.61	36.81	44.36	74.00	-29.64	HORIZONTAL	Peak	
5	10380.000	39.69	39.33	7.32	37.37	48.97	68.20	-19.23	HORIZONTAL	Peak	
6	15570.000	35.75	38.99	9.88	35.39	49.23	74.00	-24.77	HORIZONTAL	Peak	

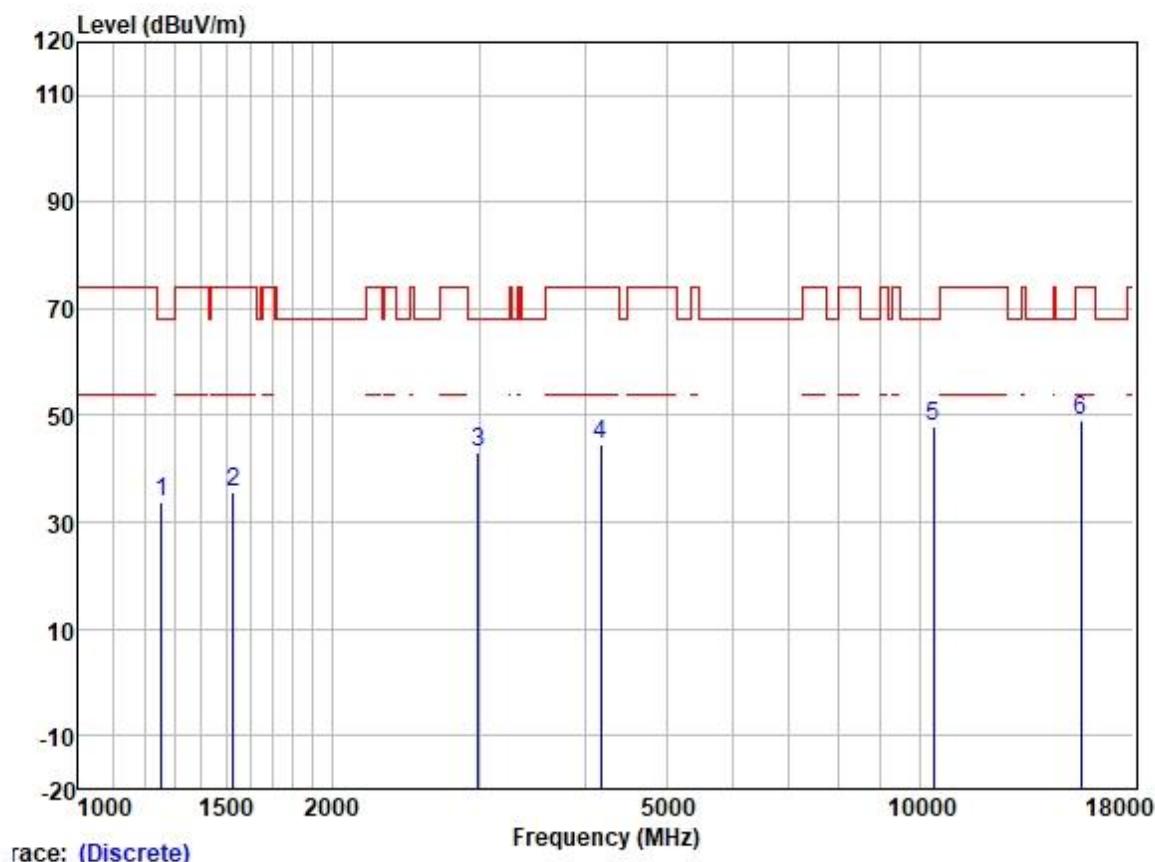
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1256.512	44.80	25.05	2.38	38.35	33.88	68.20	-34.32	VERTICAL	Peak
2	1529.414	45.44	25.52	2.80	38.07	35.69	74.00	-38.31	VERTICAL	Peak
3	2990.531	48.05	28.39	3.79	37.25	42.98	68.20	-25.22	VERTICAL	Peak
4	4181.768	46.73	30.12	4.60	36.80	44.65	74.00	-29.35	VERTICAL	Peak
5	10380.000	38.54	39.33	7.32	37.37	47.82	68.20	-20.38	VERTICAL	Peak
6	15570.000	35.66	38.99	9.88	35.39	49.14	74.00	-24.86	VERTICAL	Peak

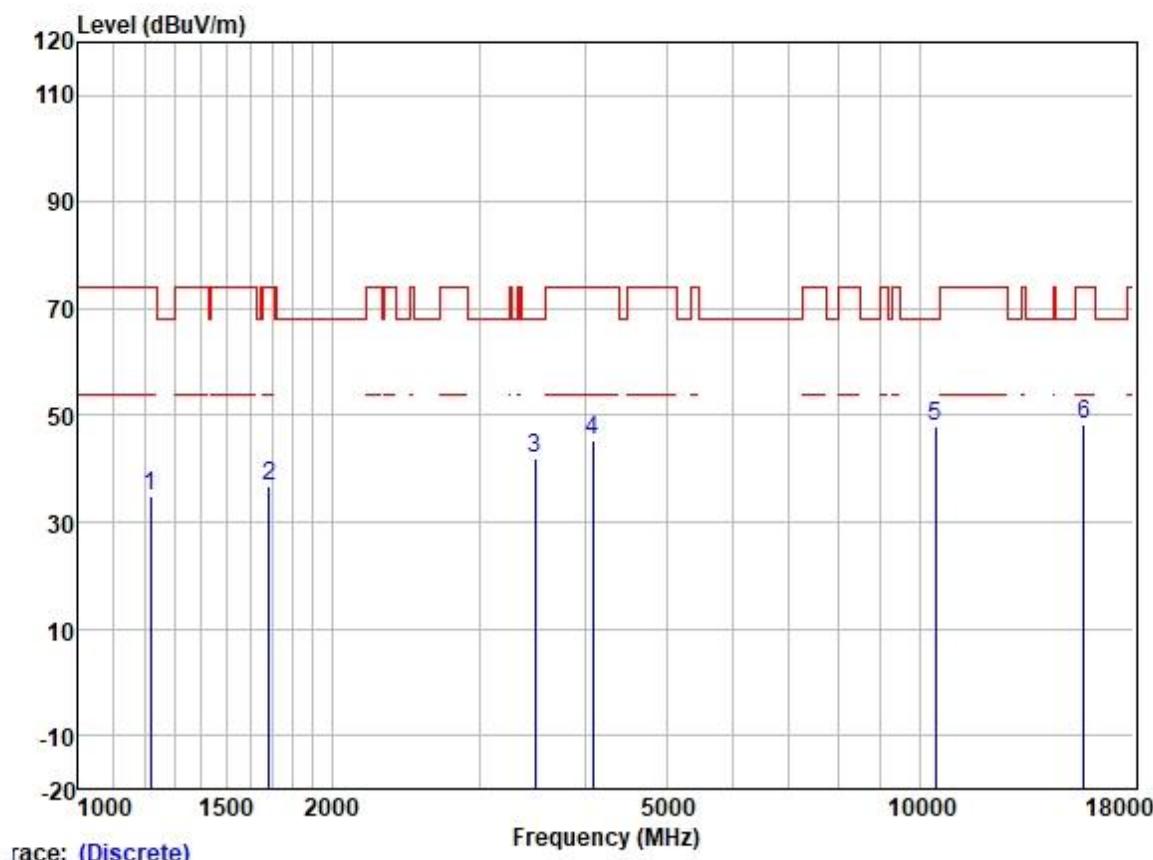
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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Limit	Pol/Phase	Remark
	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB	dB	dB	dB
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dBuV/m	dB	dB	dB	dB
1 1217.190	46.12	24.79	2.32	38.37	34.86	74.00	-39.14	HORIZONTAL	Peak		
2 1687.347	46.33	25.69	2.80	37.91	36.91	74.00	-37.09	HORIZONTAL	Peak		
3 3495.691	45.58	28.90	4.30	36.94	41.84	68.20	-26.36	HORIZONTAL	Peak		
4 4086.182	47.47	29.92	4.60	36.80	45.19	74.00	-28.81	HORIZONTAL	Peak		
5 10460.000	38.70	39.42	7.37	37.36	48.13	68.20	-20.07	HORIZONTAL	Peak		
6 15690.000	35.15	38.86	9.87	35.39	48.49	74.00	-25.51	HORIZONTAL	Peak		

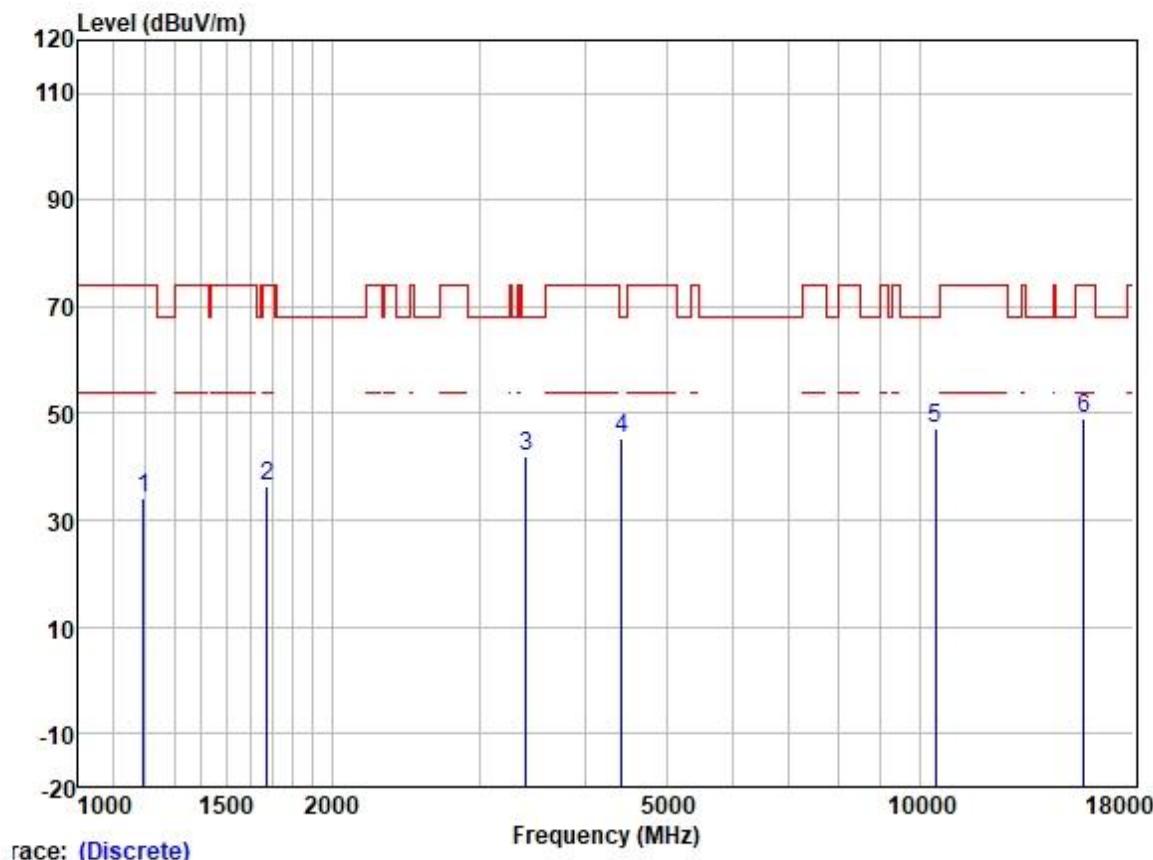
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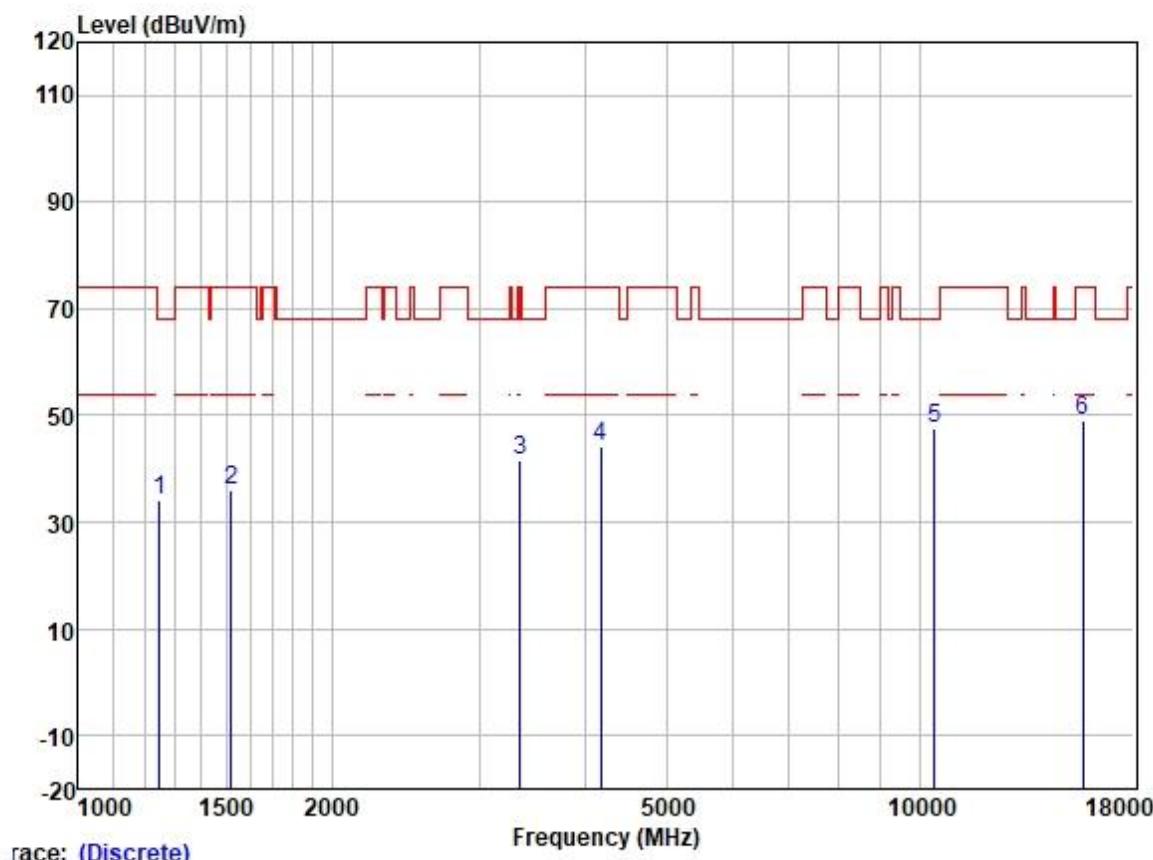
Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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Test Mode: 11; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
1	1249.269	44.98	25.02	2.34	38.35	33.99	68.20	-34.21	HORIZONTAL	Peak
2	1520.598	45.59	25.51	2.80	38.07	35.83	74.00	-38.17	HORIZONTAL	Peak
3	3347.371	45.76	28.80	4.08	37.01	41.63	74.00	-32.37	HORIZONTAL	Peak
4	4181.768	46.35	30.12	4.60	36.80	44.27	74.00	-29.73	HORIZONTAL	Peak
5	10420.000	38.19	39.38	7.35	37.36	47.56	68.20	-20.64	HORIZONTAL	Peak
6	15630.000	35.68	38.92	9.87	35.39	49.08	74.00	-24.92	HORIZONTAL	Peak

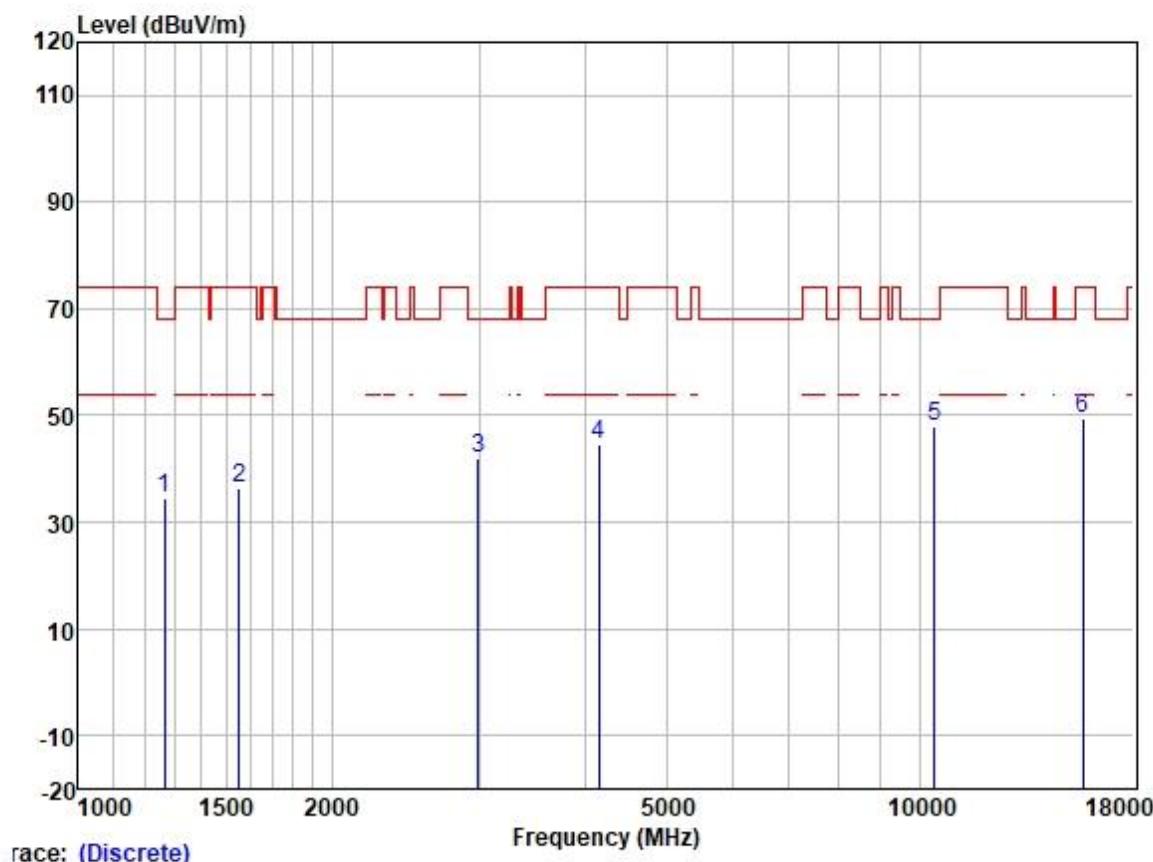
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Test Mode: 11; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB			
1	1267.454	45.43	25.10	2.44	38.33	34.64	68.20	-33.56	VERTICAL	Peak		
2	1551.677	46.17	25.54	2.80	38.03	36.48	74.00	-37.52	VERTICAL	Peak		
3	2990.531	46.92	28.39	3.79	37.25	41.85	68.20	-26.35	VERTICAL	Peak		
4	4157.664	46.69	30.06	4.60	36.80	44.55	74.00	-29.45	VERTICAL	Peak		
5	10420.000	38.50	39.38	7.35	37.36	47.87	68.20	-20.33	VERTICAL	Peak		
6	15630.000	36.21	38.92	9.87	35.39	49.61	74.00	-24.39	VERTICAL	Peak		

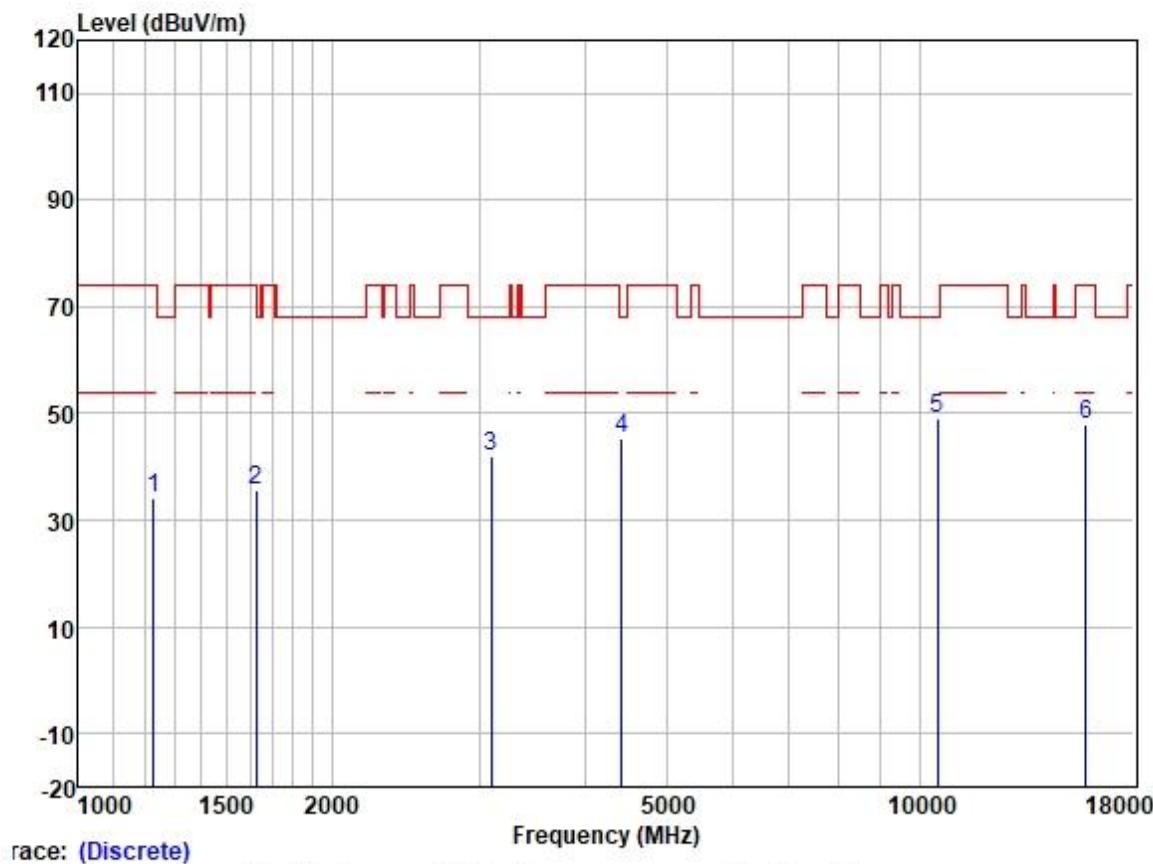
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB			
1	1227.791	45.21	24.88	2.31	38.37	34.03	74.00	-39.97	HORIZONTAL	Peak		
2	1625.121	45.14	25.61	2.80	37.95	35.60	74.00	-38.40	HORIZONTAL	Peak		
3	3096.075	46.85	28.47	3.90	37.16	42.06	68.20	-26.14	HORIZONTAL	Peak		
4	4430.628	46.76	30.72	4.78	36.81	45.45	68.20	-22.75	HORIZONTAL	Peak		
5	10520.000	39.62	39.50	7.42	37.35	49.19	68.20	-19.01	HORIZONTAL	Peak		
6	15780.000	34.65	38.70	9.86	35.39	47.82	74.00	-26.18	HORIZONTAL	Peak		

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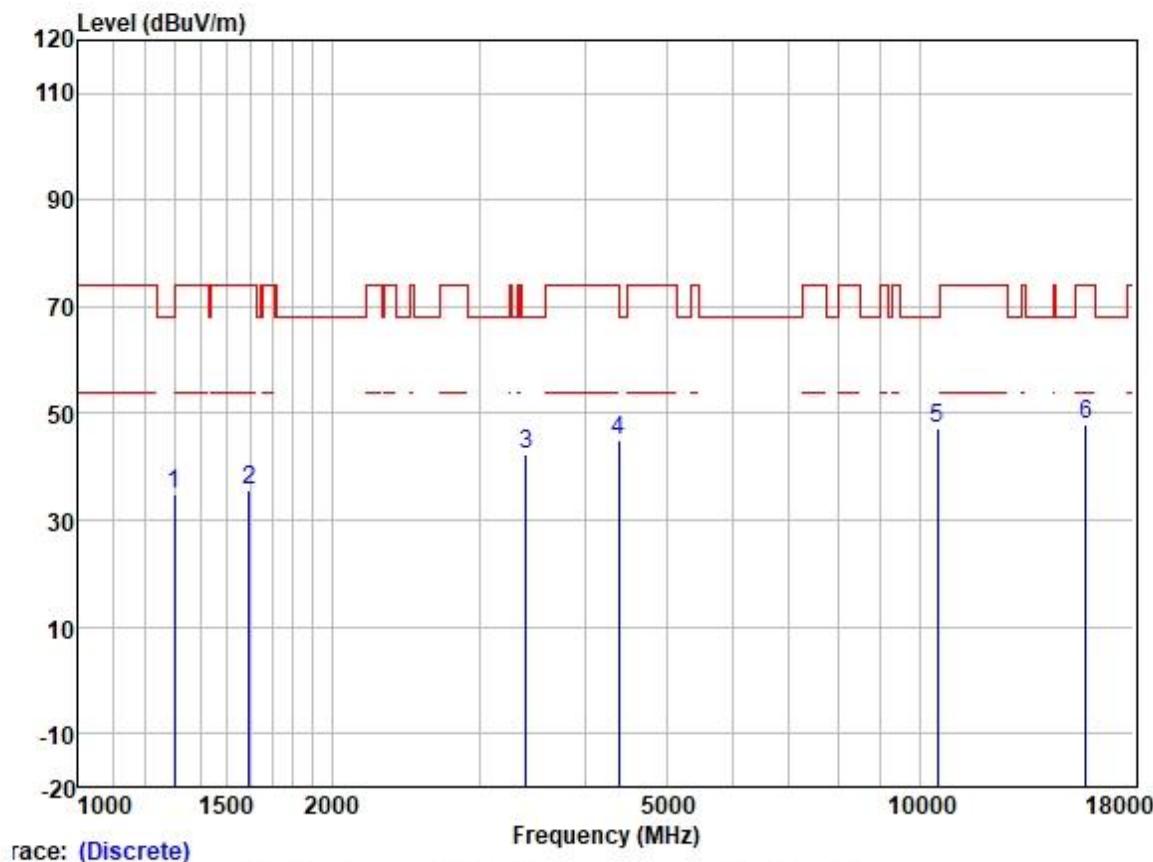
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Test Mode: 12; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1300.858	45.38	25.20	2.60	38.31	34.87	74.00	-39.13	VERTICAL	Peak	
2	1597.181	45.40	25.58	2.80	37.98	35.80	74.00	-38.20	VERTICAL	Peak	
3	3405.929	46.33	28.85	4.11	36.98	42.31	68.20	-25.89	VERTICAL	Peak	
4	4392.376	46.28	30.66	4.70	36.81	44.83	74.00	-29.17	VERTICAL	Peak	
5	10520.000	37.64	39.50	7.42	37.35	47.21	68.20	-20.99	VERTICAL	Peak	
6	15780.000	34.70	38.70	9.86	35.39	47.87	74.00	-26.13	VERTICAL	Peak	

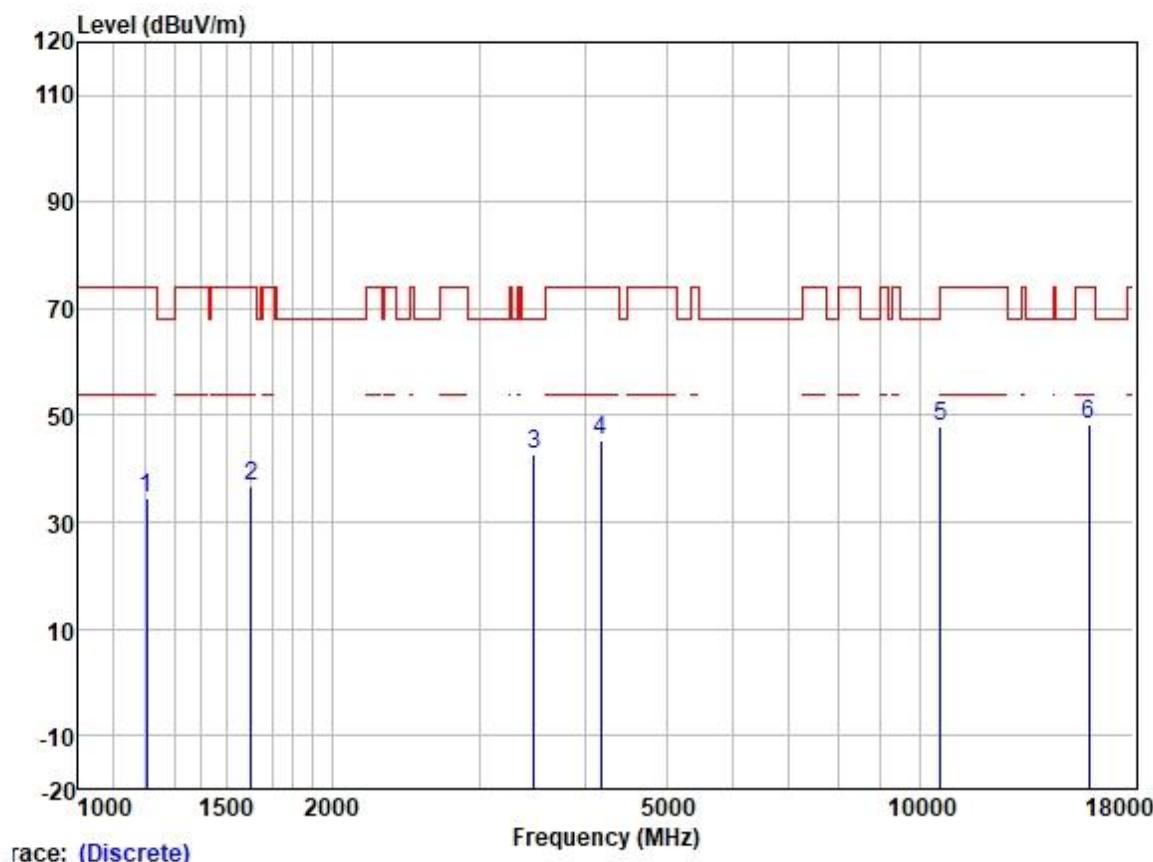
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss					
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1206.682	45.73	24.72	2.33	38.39	34.39	74.00	-39.61	HORIZONTAL Peak
2	1606.441	46.32	25.59	2.80	37.98	36.73	74.00	-37.27	HORIZONTAL Peak
3	3485.601	46.60	28.89	4.27	36.95	42.81	68.20	-25.39	HORIZONTAL Peak
4	4181.768	47.42	30.12	4.60	36.80	45.34	74.00	-28.66	HORIZONTAL Peak
5	10600.000	38.23	39.59	7.46	37.34	47.94	68.20	-20.26	HORIZONTAL Peak
6	15900.000	35.58	38.44	9.86	35.40	48.48	74.00	-25.52	HORIZONTAL Peak

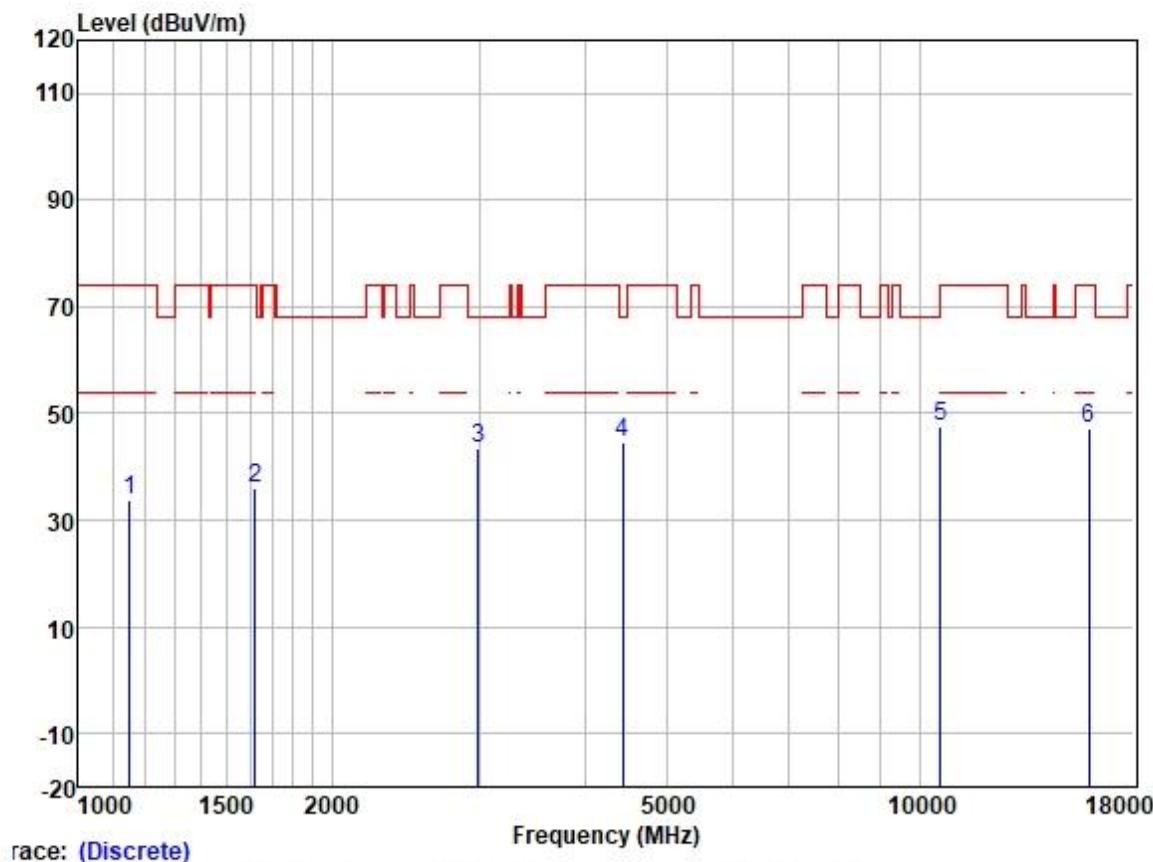
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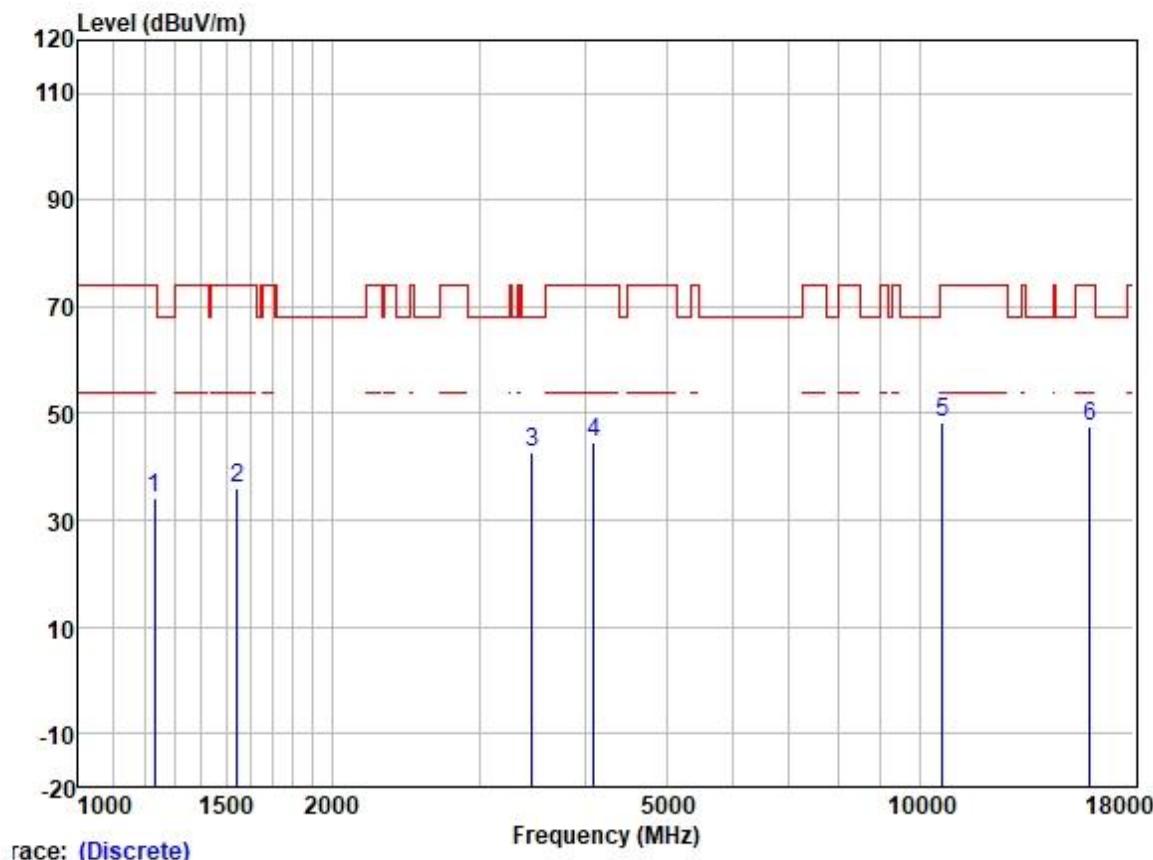
Test Mode: 12; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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Test Mode: 12; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1231.345	45.28	24.91	2.31	38.37	34.13	74.00	-39.87	HORIZONTAL	Peak
2	1542.733	45.68	25.53	2.80	38.03	35.98	74.00	-38.02	HORIZONTAL	Peak
3	3465.510	46.68	28.88	4.22	36.95	42.83	68.20	-25.37	HORIZONTAL	Peak
4	4098.010	46.91	29.94	4.60	36.80	44.65	74.00	-29.35	HORIZONTAL	Peak
5	10640.000	38.64	39.63	7.48	37.33	48.42	74.00	-25.58	HORIZONTAL	Peak
6	15960.000	34.61	38.37	9.85	35.40	47.43	74.00	-26.57	HORIZONTAL	Peak

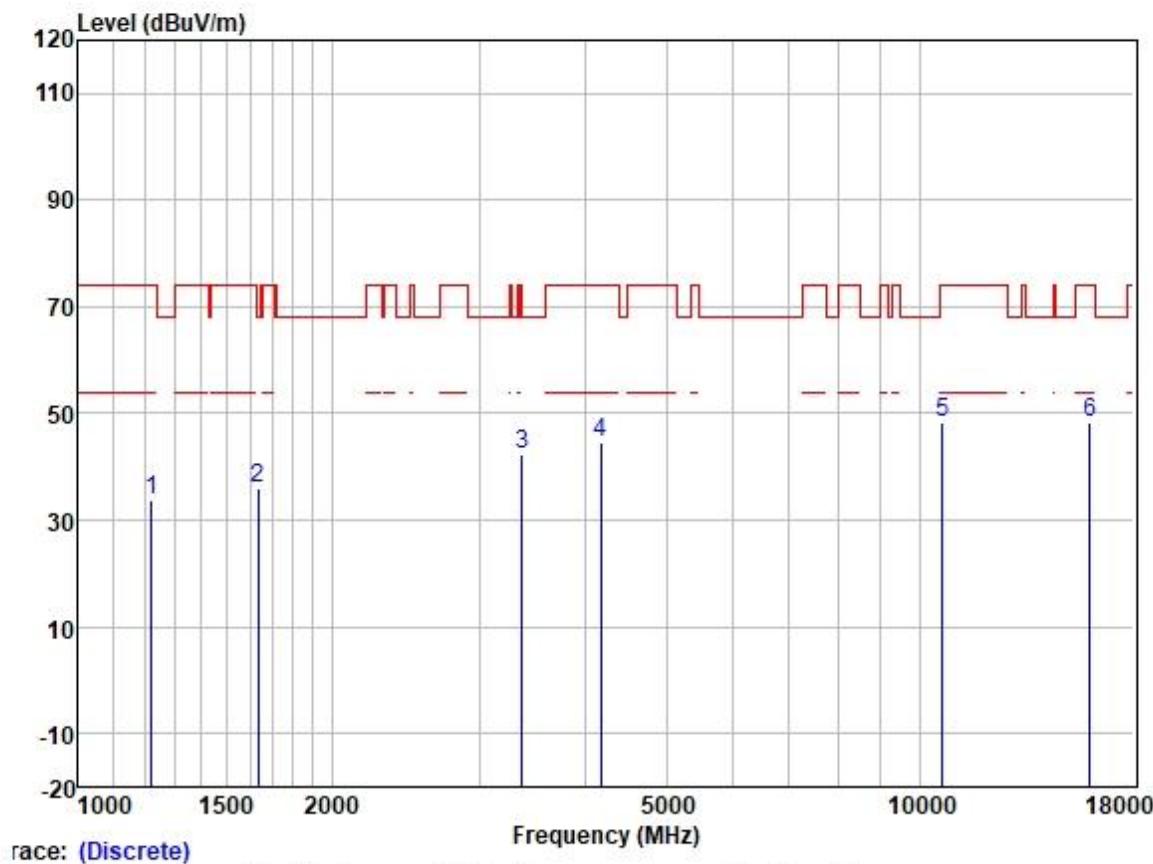
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Test Mode: 12; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



1	1220.714	44.89	24.82	2.32	38.37	33.66	74.00	-40.34	VERTICAL	Peak
2	1634.543	45.39	25.62	2.80	37.95	35.86	68.20	-32.34	VERTICAL	Peak
3	3366.778	46.37	28.82	4.09	36.99	42.29	68.20	-25.91	VERTICAL	Peak
4	4181.768	46.82	30.12	4.60	36.80	44.74	74.00	-29.26	VERTICAL	Peak
5	10640.000	38.37	39.63	7.48	37.33	48.15	74.00	-25.85	VERTICAL	Peak
6	15960.000	35.34	38.37	9.85	35.40	48.16	74.00	-25.84	VERTICAL	Peak

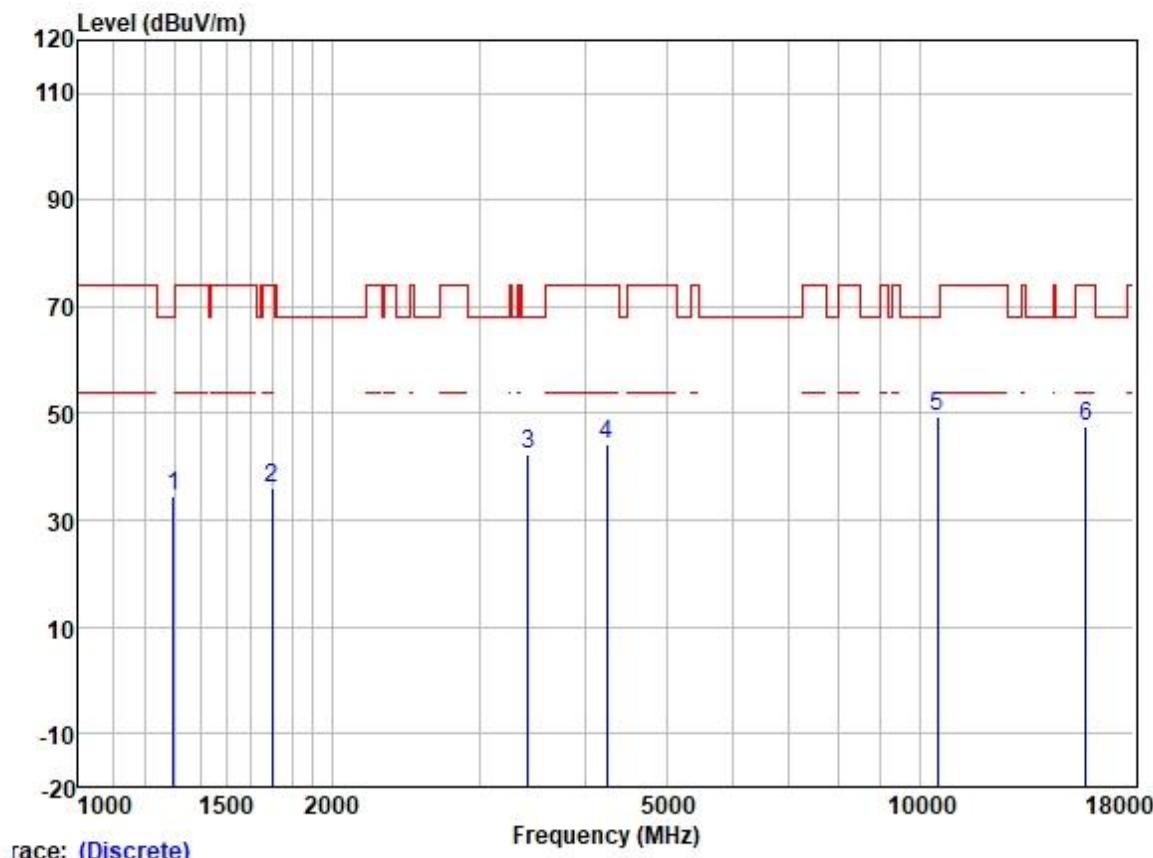
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
1	1297.103	45.11	25.19	2.58	38.31	34.57	68.20	-33.63	HORIZONTAL	Peak
2	1697.129	45.20	25.71	2.80	37.89	35.82	74.00	-38.18	HORIZONTAL	Peak
3	3425.675	46.15	28.86	4.15	36.97	42.19	68.20	-26.01	HORIZONTAL	Peak
4	4242.641	46.15	30.30	4.62	36.81	44.26	74.00	-29.74	HORIZONTAL	Peak
5	10520.000	39.71	39.50	7.42	37.35	49.28	68.20	-18.92	HORIZONTAL	Peak
6	15780.000	34.52	38.70	9.86	35.39	47.69	74.00	-26.31	HORIZONTAL	Peak

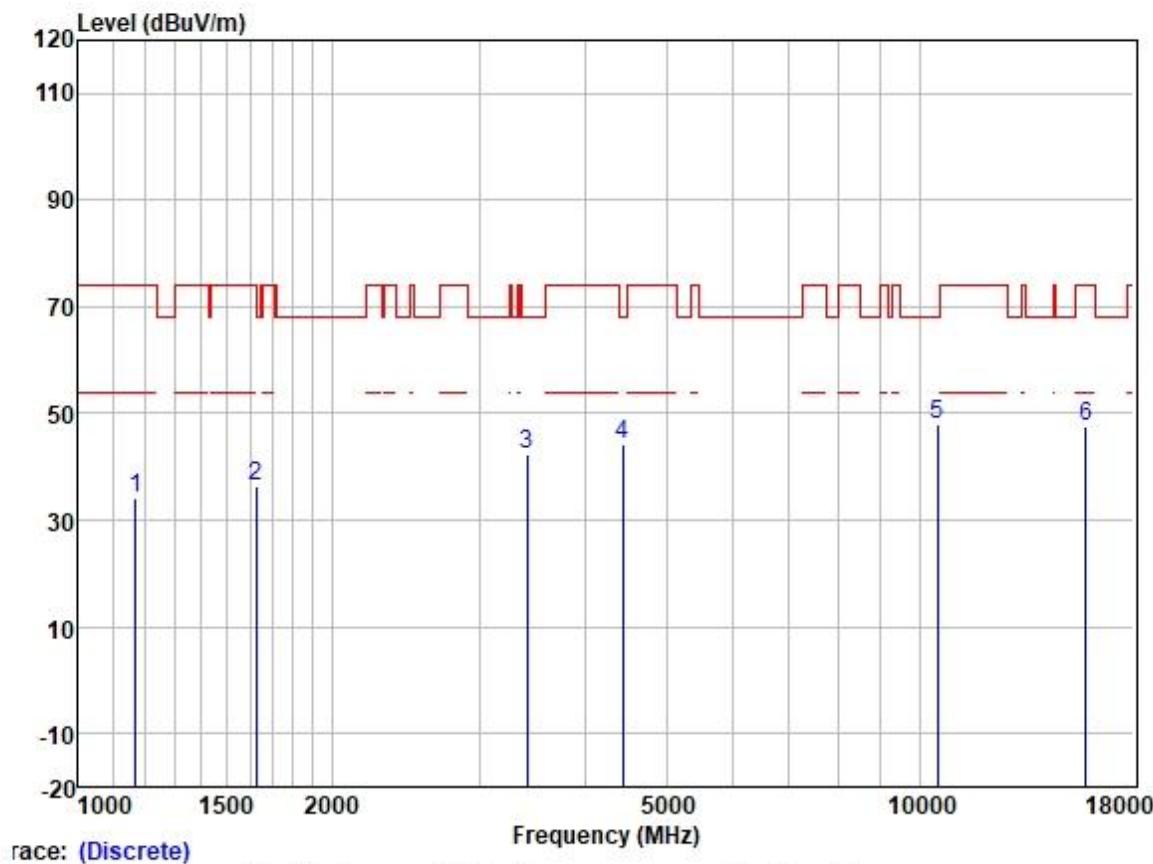
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Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1168.920	45.44	24.55	2.39	38.40	33.98	74.00	-40.02	VERTICAL	Peak	
2	1625.121	45.93	25.61	2.80	37.95	36.39	74.00	-37.61	VERTICAL	Peak	
3	3415.787	46.43	28.85	4.13	36.97	42.44	68.20	-25.76	VERTICAL	Peak	
4	4443.453	45.58	30.73	4.83	36.81	44.33	68.20	-23.87	VERTICAL	Peak	
5	10520.000	38.50	39.50	7.42	37.35	48.07	68.20	-20.13	VERTICAL	Peak	
6	15780.000	34.50	38.70	9.86	35.39	47.67	74.00	-26.33	VERTICAL	Peak	

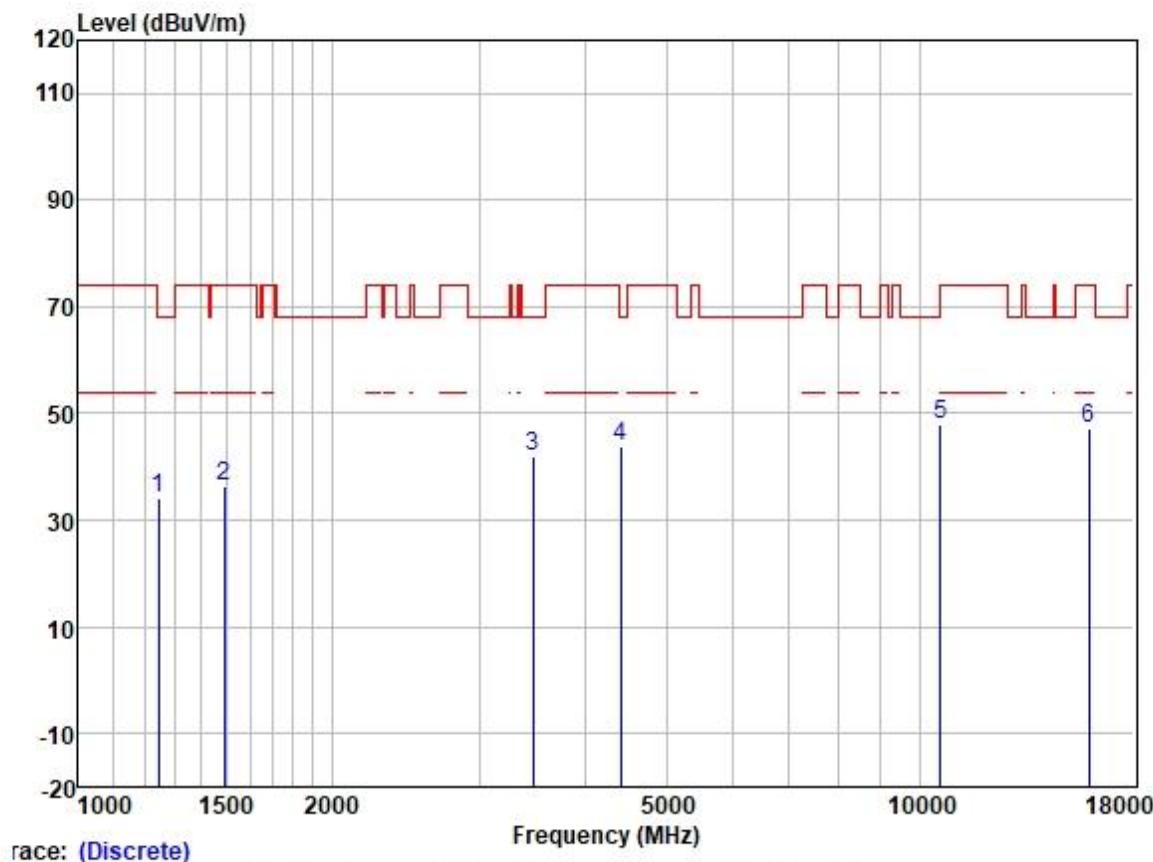
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1245.663	45.04	25.00	2.33	38.35	34.02	68.20	-34.18	HORIZONTAL Peak
2	1490.142	46.35	25.49	2.79	38.10	36.53	74.00	-37.47	HORIZONTAL Peak
3	3475.541	45.77	28.89	4.25	36.95	41.96	68.20	-26.24	HORIZONTAL Peak
4	4417.841	45.24	30.70	4.74	36.81	43.87	68.20	-24.33	HORIZONTAL Peak
5	10600.000	38.31	39.59	7.46	37.34	48.02	68.20	-20.18	HORIZONTAL Peak
6	15900.000	34.38	38.44	9.86	35.40	47.28	74.00	-26.72	HORIZONTAL Peak

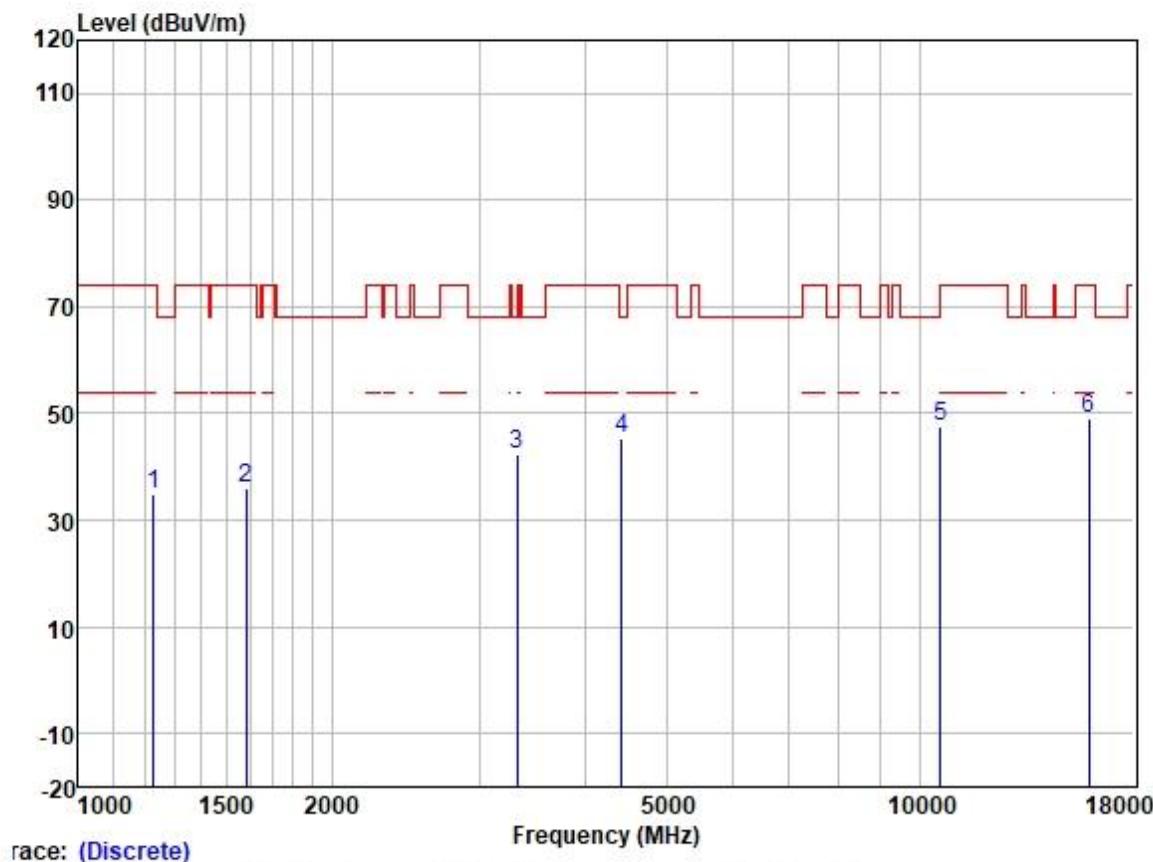
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Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1227.791	45.94	24.88	2.31	38.37	34.76	74.00	-39.24	VERTICAL	Peak	
2	1583.392	45.62	25.56	2.80	38.00	35.98	74.00	-38.02	VERTICAL	Peak	
3	3328.077	46.43	28.78	4.07	37.02	42.26	68.20	-25.94	VERTICAL	Peak	
4	4430.628	46.80	30.72	4.78	36.81	45.49	68.20	-22.71	VERTICAL	Peak	
5	10600.000	37.79	39.59	7.46	37.34	47.50	68.20	-20.70	VERTICAL	Peak	
6	15900.000	36.26	38.44	9.86	35.40	49.16	74.00	-24.84	VERTICAL	Peak	

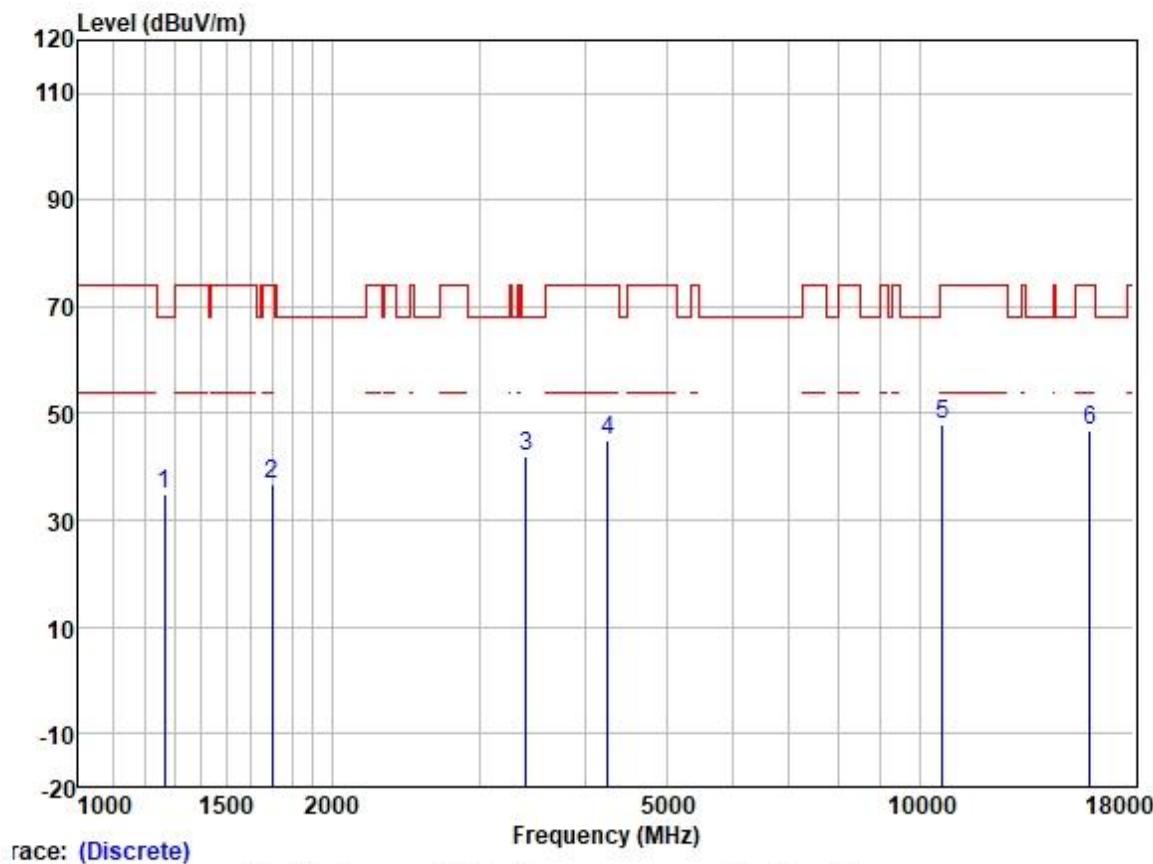
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1	1267.454	45.72	25.10	2.44	38.33	34.93	68.20	-33.27	HORIZONTAL	Peak	
2	1697.129	46.01	25.71	2.80	37.89	36.63	74.00	-37.37	HORIZONTAL	Peak	
3	3405.929	45.85	28.85	4.11	36.98	41.83	68.20	-26.37	HORIZONTAL	Peak	
4	4254.921	46.86	30.34	4.62	36.81	45.01	74.00	-28.99	HORIZONTAL	Peak	
5	10640.000	38.27	39.63	7.48	37.33	48.05	74.00	-25.95	HORIZONTAL	Peak	
6	15960.000	34.19	38.37	9.85	35.40	47.01	74.00	-26.99	HORIZONTAL	Peak	

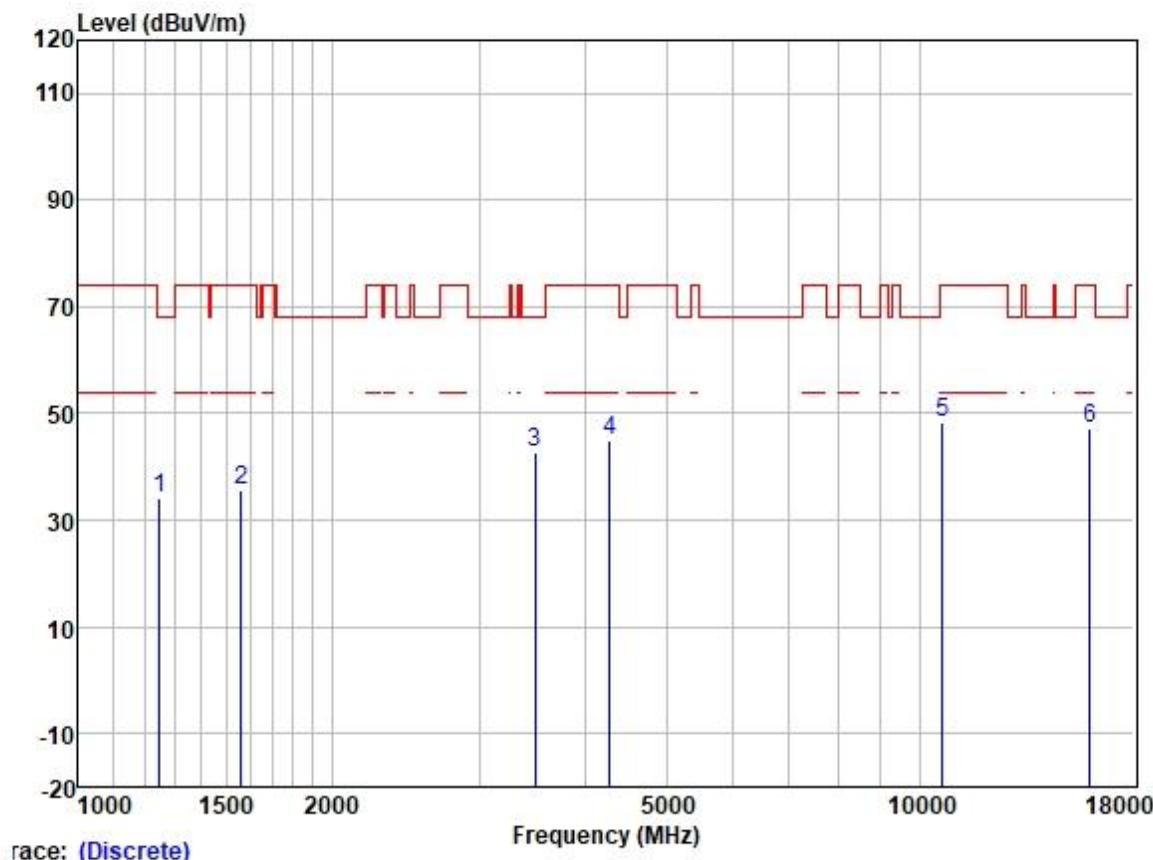
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Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor	Level	Line				
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1 1249.269	45.13	25.02	2.34	38.35	34.14	68.20	-34.06	VERTICAL	Peak	
2 1560.673	45.48	25.54	2.80	38.03	35.79	74.00	-38.21	VERTICAL	Peak	
3 3495.691	46.39	28.90	4.30	36.94	42.65	68.20	-25.55	VERTICAL	Peak	
4 4279.589	46.65	30.42	4.63	36.81	44.89	74.00	-29.11	VERTICAL	Peak	
5 10640.000	38.53	39.63	7.48	37.33	48.31	74.00	-25.69	VERTICAL	Peak	
6 15960.000	34.35	38.37	9.85	35.40	47.17	74.00	-26.83	VERTICAL	Peak	

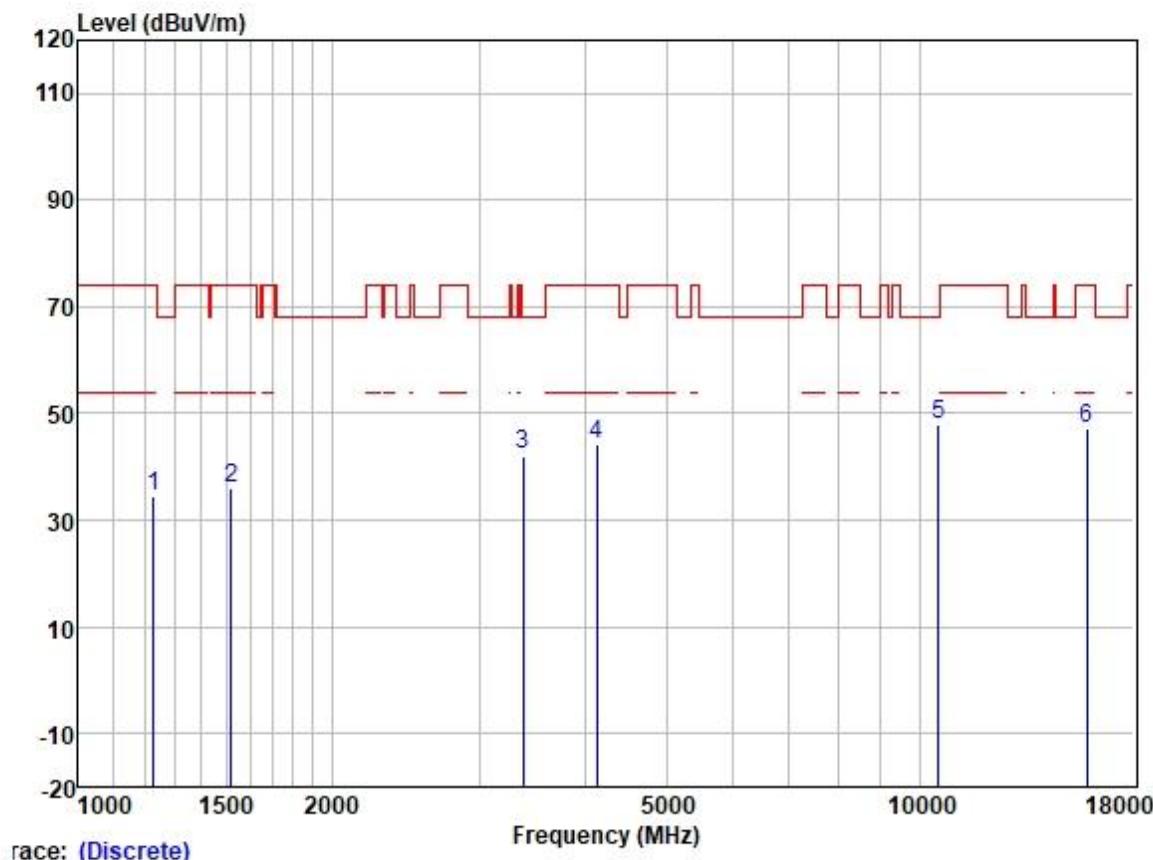
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	Level	Factor	Loss	Factor							
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1 1227.791	45.57	24.88	2.31	38.37	34.39	74.00	-39.61	HORIZONTAL	Peak		
2 1520.598	45.81	25.51	2.80	38.07	36.05	74.00	-37.95	HORIZONTAL	Peak		
3 3376.523	46.23	28.83	4.09	36.99	42.16	68.20	-26.04	HORIZONTAL	Peak		
4 4133.699	46.49	30.01	4.60	36.80	44.30	74.00	-29.70	HORIZONTAL	Peak		
5 10540.000	38.48	39.53	7.43	37.35	48.09	68.20	-20.11	HORIZONTAL	Peak		
6 15810.000	34.30	38.61	9.86	35.39	47.38	74.00	-26.62	HORIZONTAL	Peak		

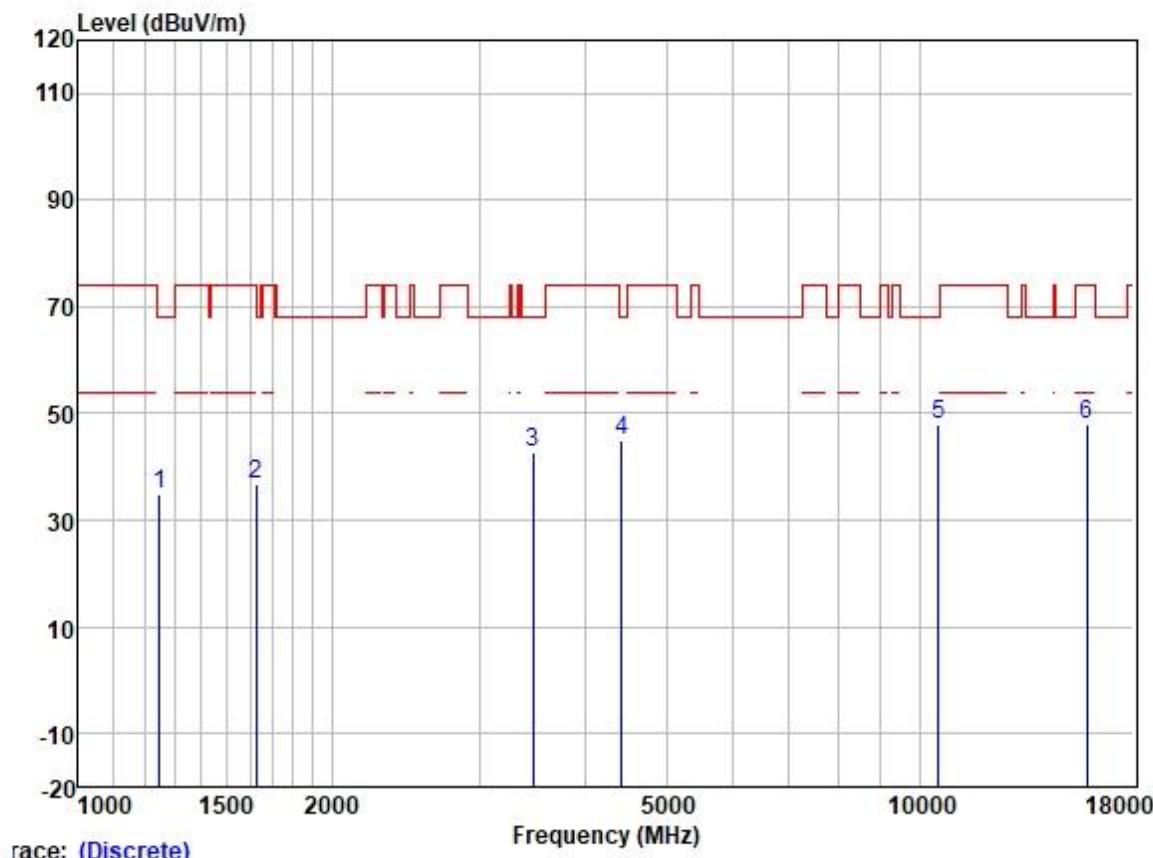
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Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dBuV/m	dBuV/m	dB		
1	1249.269	45.76	25.02	2.34	38.35	34.77	68.20	-33.43	VERTICAL	Peak
2	1625.121	46.10	25.61	2.80	37.95	36.56	74.00	-37.44	VERTICAL	Peak
3	3475.541	46.68	28.89	4.25	36.95	42.87	68.20	-25.33	VERTICAL	Peak
4	4430.628	46.22	30.72	4.78	36.81	44.91	68.20	-23.29	VERTICAL	Peak
5	10540.000	38.43	39.53	7.43	37.35	48.04	68.20	-20.16	VERTICAL	Peak
6	15810.000	34.80	38.61	9.86	35.39	47.88	74.00	-26.12	VERTICAL	Peak

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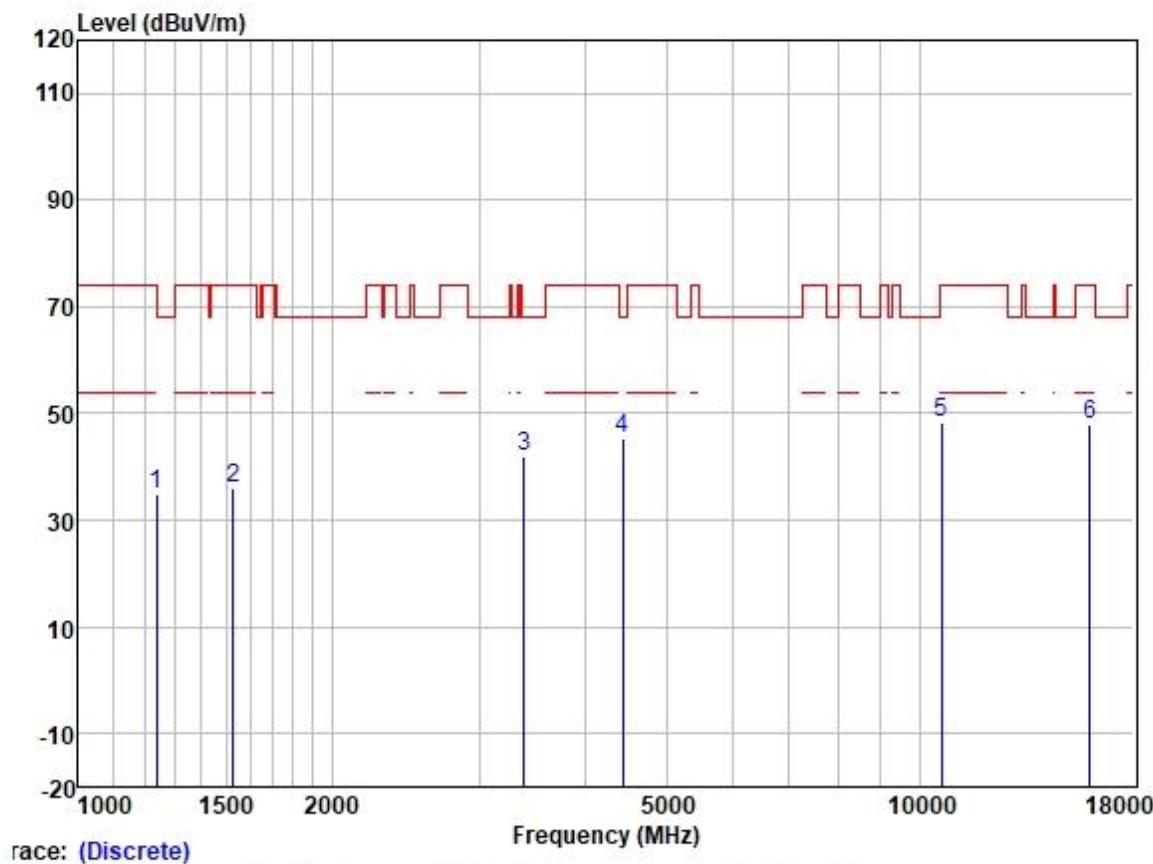
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1238.483	45.93	24.96	2.30	38.35	34.84	74.00	-39.16	HORIZONTAL	Peak
2	1529.414	45.70	25.52	2.80	38.07	35.95	74.00	-38.05	HORIZONTAL	Peak
3	3386.297	45.86	28.83	4.10	36.99	41.80	68.20	-26.40	HORIZONTAL	Peak
4	4443.453	46.47	30.73	4.83	36.81	45.22	68.20	-22.98	HORIZONTAL	Peak
5	10620.000	38.45	39.59	7.46	37.34	48.16	74.00	-25.84	HORIZONTAL	Peak
6	15930.000	35.20	38.37	9.85	35.40	48.02	74.00	-25.98	HORIZONTAL	Peak

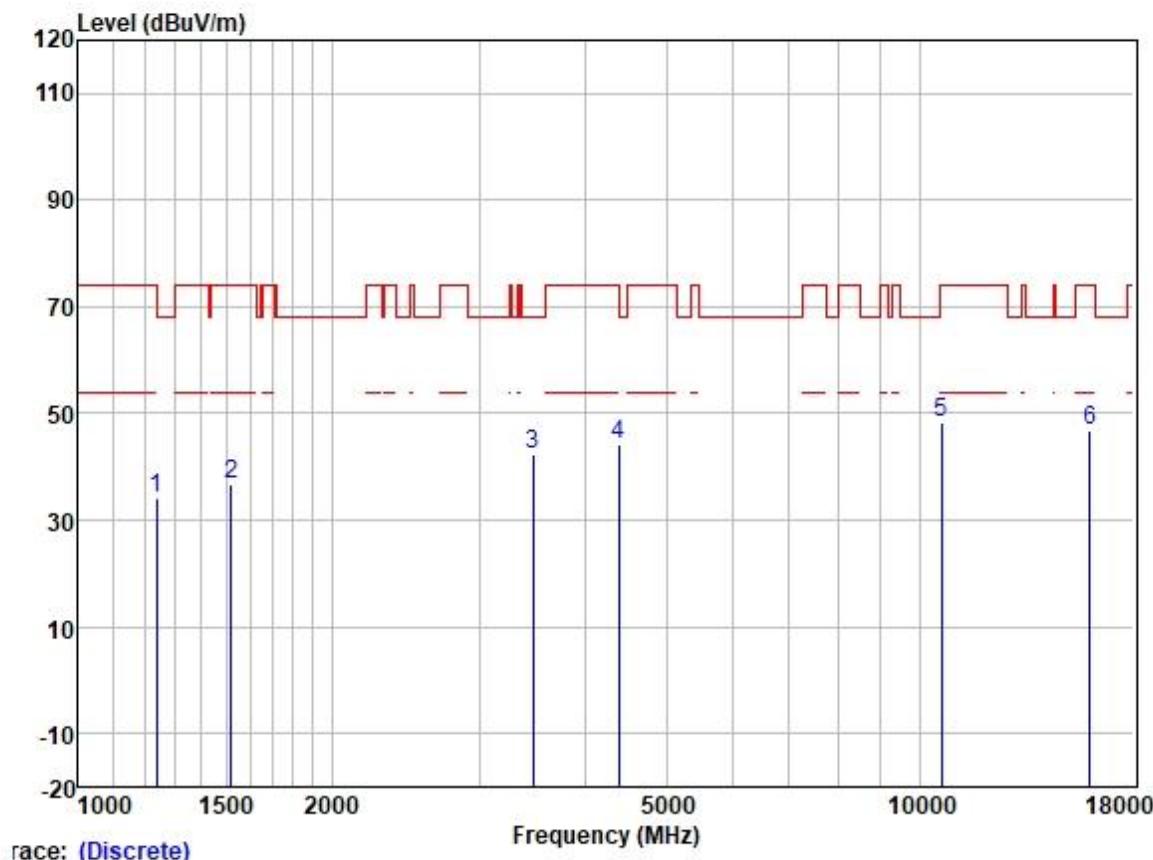
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Test Mode: 12; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1238.483	45.23	24.96	2.30	38.35	34.14	74.00	-39.86	VERTICAL	Peak
2	1520.598	46.60	25.51	2.80	38.07	36.84	74.00	-37.16	VERTICAL	Peak
3	3475.541	46.33	28.89	4.25	36.95	42.52	68.20	-25.68	VERTICAL	Peak
4	4392.376	45.67	30.66	4.70	36.81	44.22	74.00	-29.78	VERTICAL	Peak
5	10620.000	38.70	39.59	7.46	37.34	48.41	74.00	-25.59	VERTICAL	Peak
6	15930.000	34.10	38.37	9.85	35.40	46.92	74.00	-27.08	VERTICAL	Peak

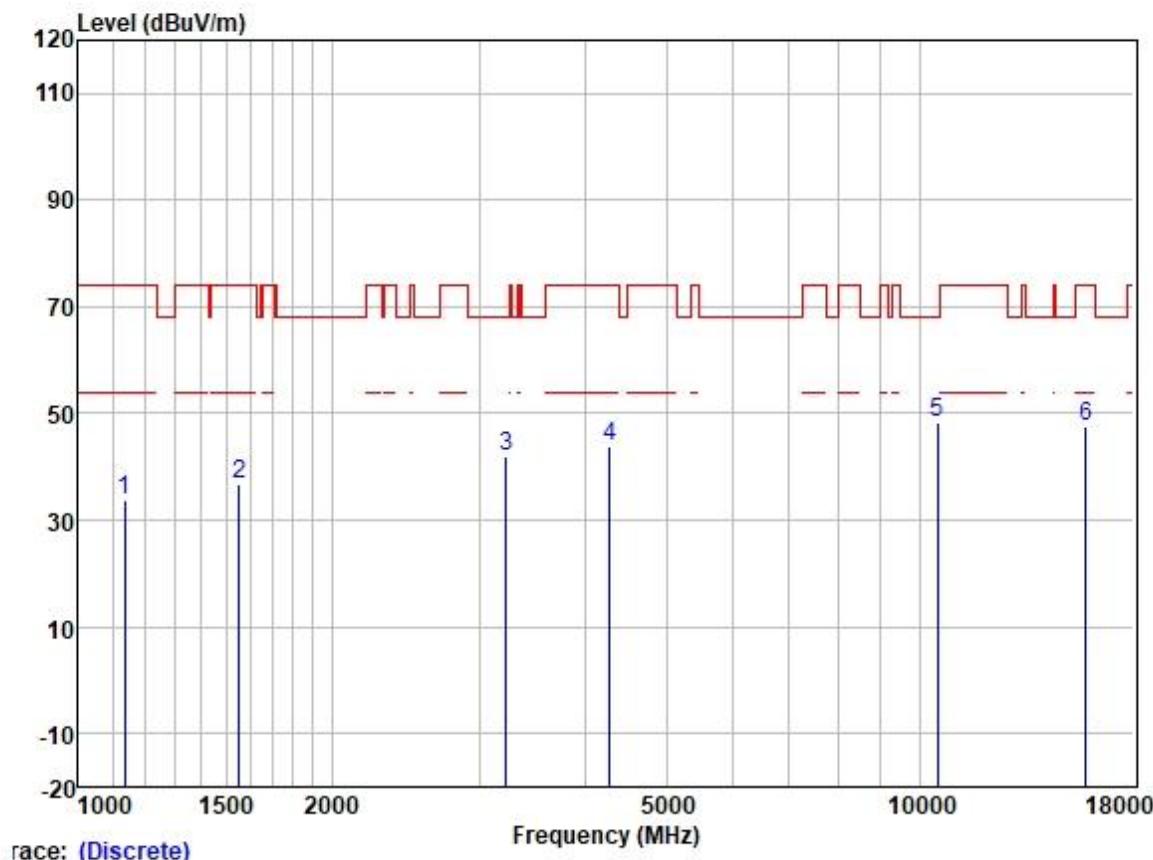
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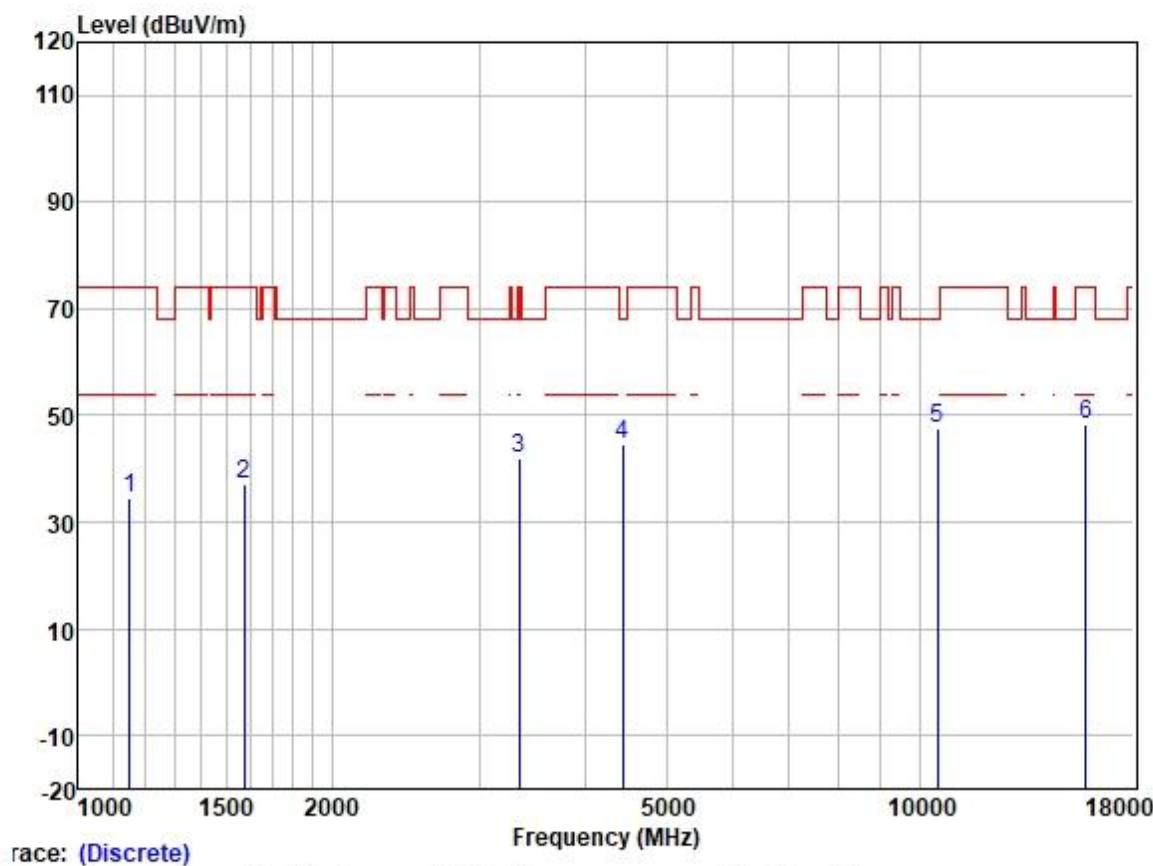
Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	dB	dBuV/m	dBuV/m	dB			
1	1152.148	46.17	24.50	2.36	38.42	34.61	74.00	-39.39	VERTICAL	Peak		
2	1574.265	46.83	25.56	2.80	38.00	37.19	74.00	-36.81	VERTICAL	Peak		
3	3337.710	46.17	28.79	4.08	37.01	42.03	74.00	-31.97	VERTICAL	Peak		
4	4443.453	46.02	30.73	4.83	36.81	44.77	68.20	-23.43	VERTICAL	Peak		
5	10520.000	37.97	39.50	7.42	37.35	47.54	68.20	-20.66	VERTICAL	Peak		
6	15780.000	35.13	38.70	9.86	35.39	48.30	74.00	-25.70	VERTICAL	Peak		

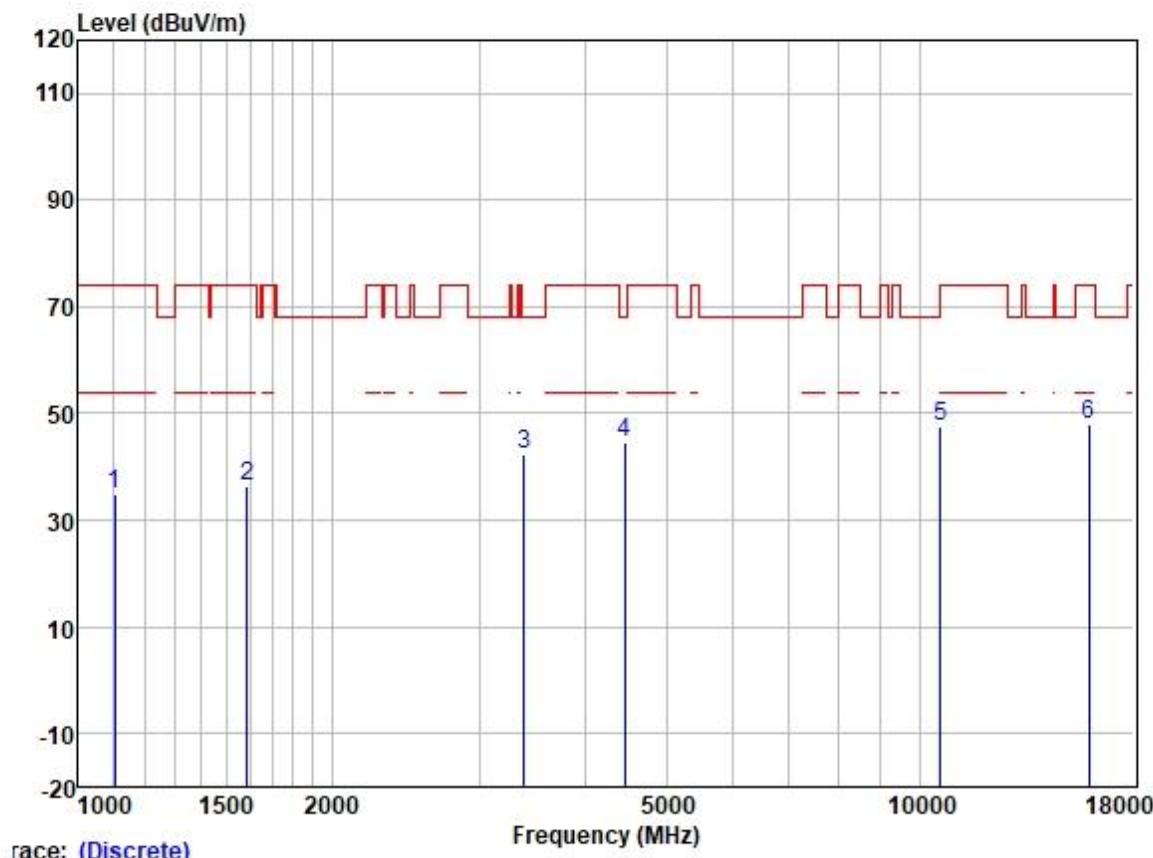
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss					
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 1103.264	46.65	24.37	2.29	38.45	34.86	74.00	-39.14	HORIZONTAL	Peak
2 1587.975	45.98	25.57	2.80	37.98	36.37	74.00	-37.63	HORIZONTAL	Peak
3 3386.297	46.31	28.83	4.10	36.99	42.25	68.20	-25.95	HORIZONTAL	Peak
4 4456.315	45.84	30.75	4.88	36.81	44.66	68.20	-23.54	HORIZONTAL	Peak
5 10600.000	37.99	39.59	7.46	37.34	47.70	68.20	-20.50	HORIZONTAL	Peak
6 15900.000	35.16	38.44	9.86	35.40	48.06	74.00	-25.94	HORIZONTAL	Peak

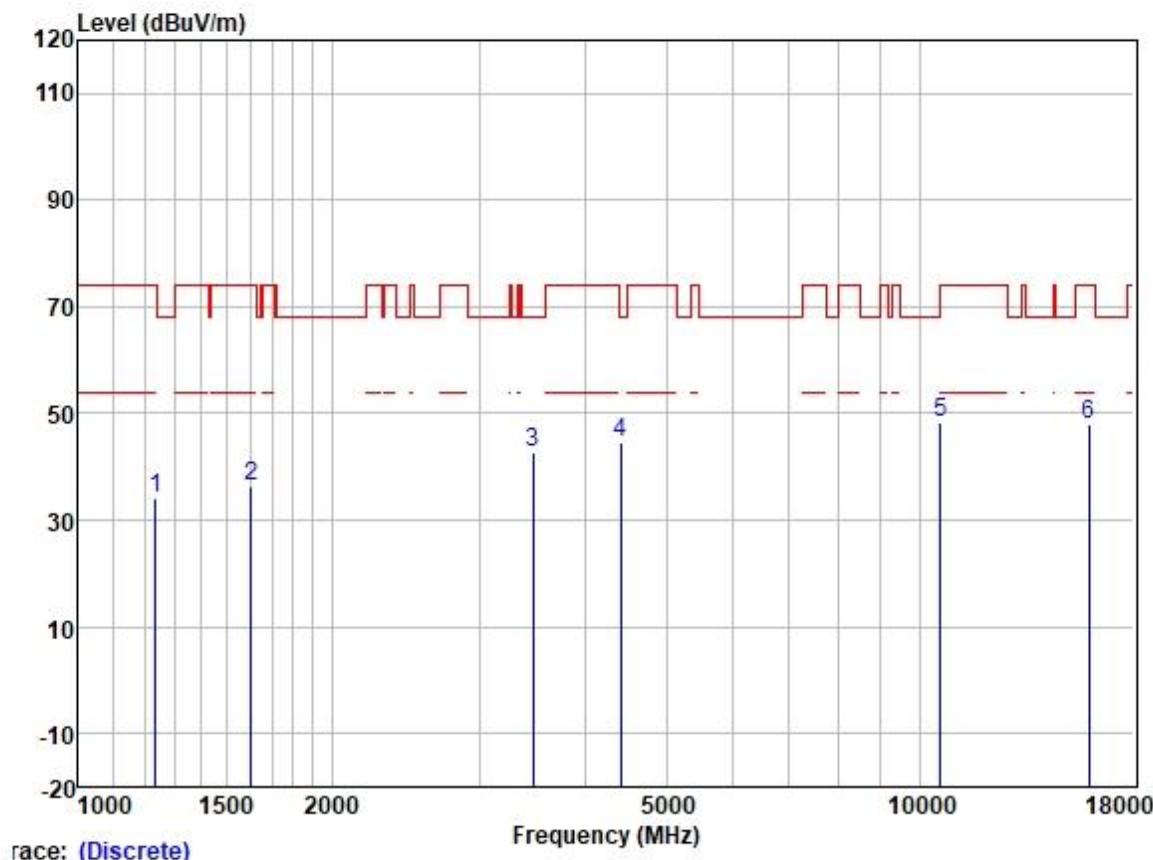
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Test Mode: 12; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1234.909	45.44	24.93	2.30	38.37	34.30	74.00	-39.70	VERTICAL	Peak
2	1606.441	45.80	25.59	2.80	37.98	36.21	74.00	-37.79	VERTICAL	Peak
3	3475.541	46.50	28.89	4.25	36.95	42.69	68.20	-25.51	VERTICAL	Peak
4	4417.841	46.03	30.70	4.74	36.81	44.66	68.20	-23.54	VERTICAL	Peak
5	10600.000	38.65	39.59	7.46	37.34	48.36	68.20	-19.84	VERTICAL	Peak
6	15900.000	34.89	38.44	9.86	35.40	47.79	74.00	-26.21	VERTICAL	Peak

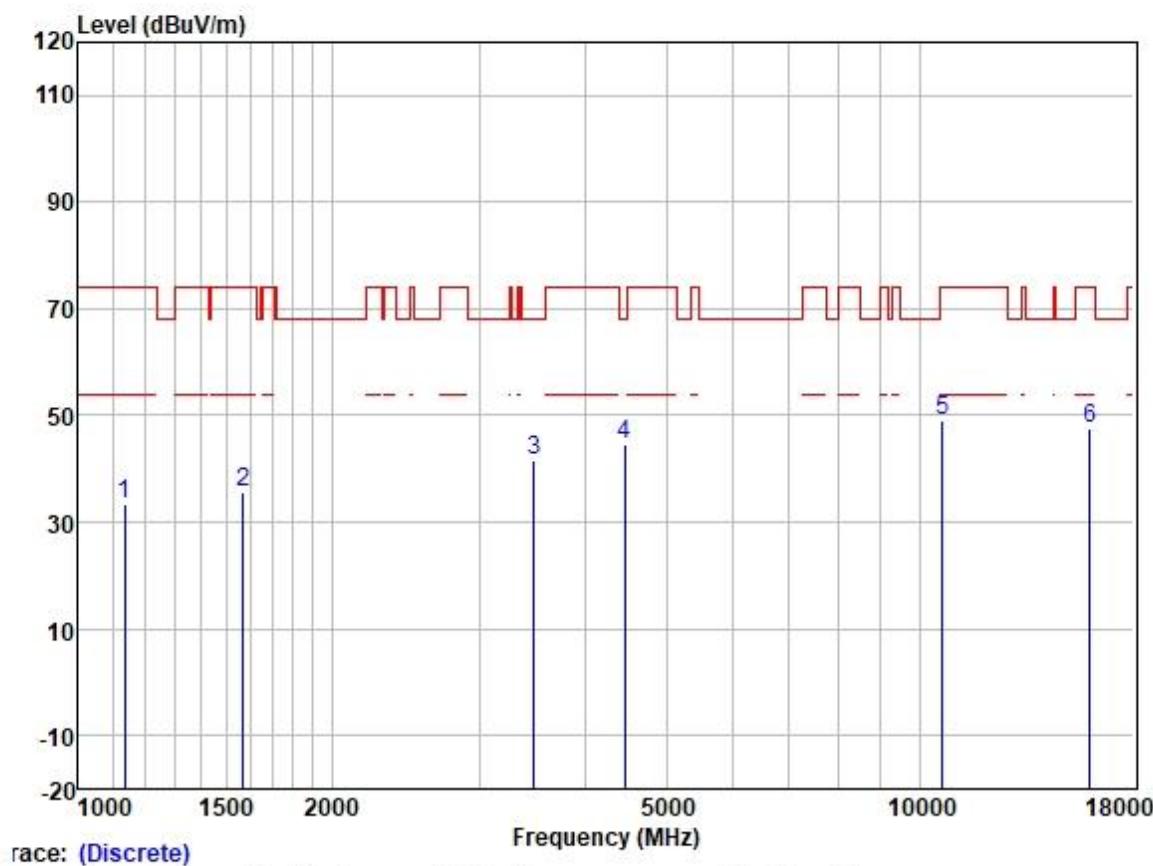
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Test Mode: 12; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1135.617	45.20	24.45	2.25	38.43	33.47	74.00	-40.53	HORIZONTAL Peak
2	1569.721	45.29	25.55	2.80	38.00	35.64	74.00	-38.36	HORIZONTAL Peak
3	3485.601	45.46	28.89	4.27	36.95	41.67	68.20	-26.53	HORIZONTAL Peak
4	4456.315	45.63	30.75	4.88	36.81	44.45	68.20	-23.75	HORIZONTAL Peak
5	10640.000	39.16	39.63	7.48	37.33	48.94	74.00	-25.06	HORIZONTAL Peak
6	15960.000	34.90	38.37	9.85	35.40	47.72	74.00	-26.28	HORIZONTAL Peak

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