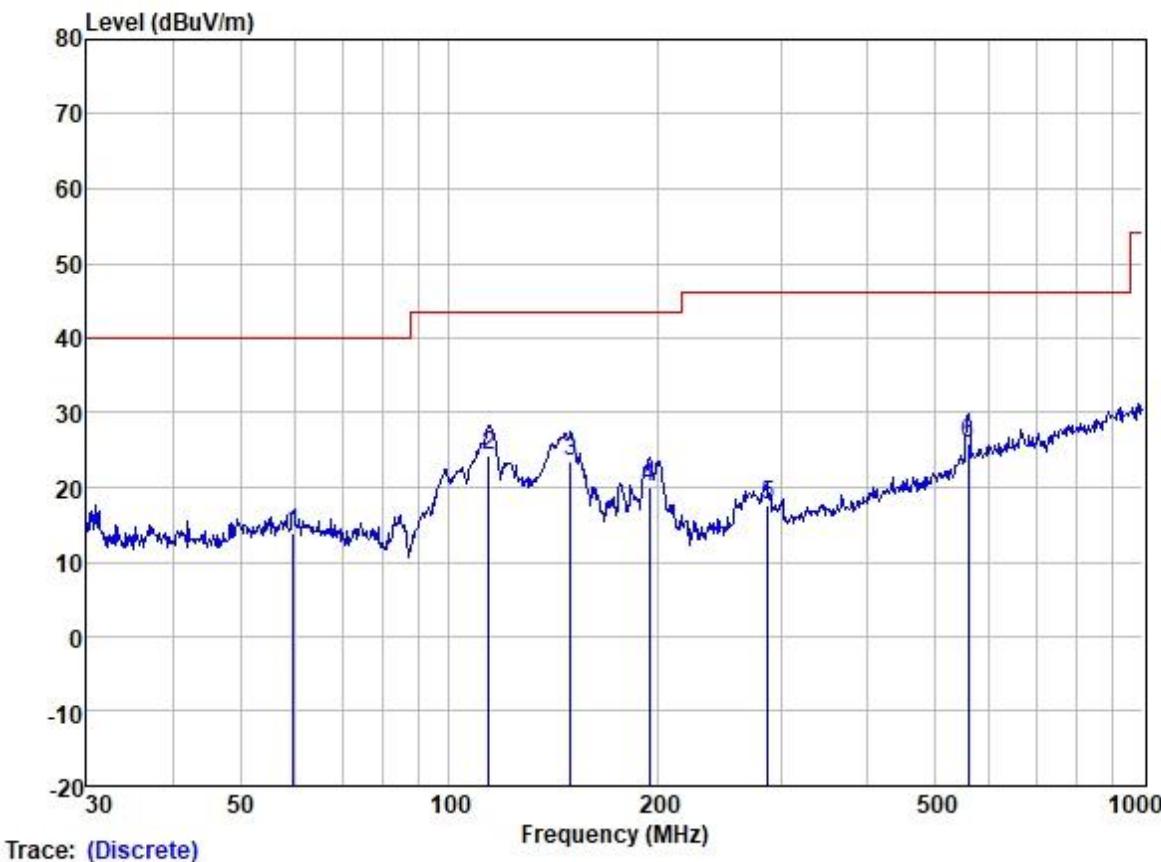


Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



Site : SGS  
Job :  
Model :  
Power :  
Test Mode : 13

Freq	Read	Antena	Cable	Preamp	Measured	Limit	Over	Pol/	Remark
	Level	Factor	Loss	Factor	Level	Line	Limit	Phase	
1	59.649	26.86	12.93	1.25	27.16	13.88	40.00	-26.12	VERTICAL QP
2	114.114	39.17	10.42	1.82	27.05	24.36	43.50	-19.14	VERTICAL QP
3	149.486	34.75	13.32	2.22	26.84	23.45	43.50	-20.05	VERTICAL QP
4	194.453	34.26	9.98	2.50	26.74	20.00	43.50	-23.50	VERTICAL QP
5	287.990	28.02	12.92	3.12	26.56	17.50	46.00	-28.50	VERTICAL QP
6	558.730	30.76	18.48	4.88	28.13	25.99	46.00	-20.01	VERTICAL QP

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**7.4 Radiated Spurious Emissions (Above 1GHz)**

Test Requirement 47 CFR Part 15, Subpart C 15.205 &amp; 15.209

Test Method: ANSI C63.10 (2013) Section 6.4,6.5,6.6

Measurement Distance: 3m

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

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.

**7.4.1 E.U.T. Operation**

Operating Environment:

Temperature: 22.3 °C      Humidity: 56.3 % RH      Atmospheric Pressure: 1015 mbar

**7.4.2 Test Mode Description**

Pre-scan / Mode Final test	Mode Code	Description
Pre-scan	12	TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40). Only the data of worst case is recorded in the report.
Final test	13	Charge + TX mode_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 @ 1Mbps is the worst case of IEEE 802.11b; data rate @ 6Mbps is the worst case of IEEE 802.11g; data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT20); data rate @ HT0/HT8 is the worst case of IEEE 802.11n(HT40); data rate @ HE0 is the worst case of IEEE 802.11ax(HT20); data rate @ HE0 is the worst case of IEEE 802.11ax(HT40). Only the data of worst case is recorded in the report.

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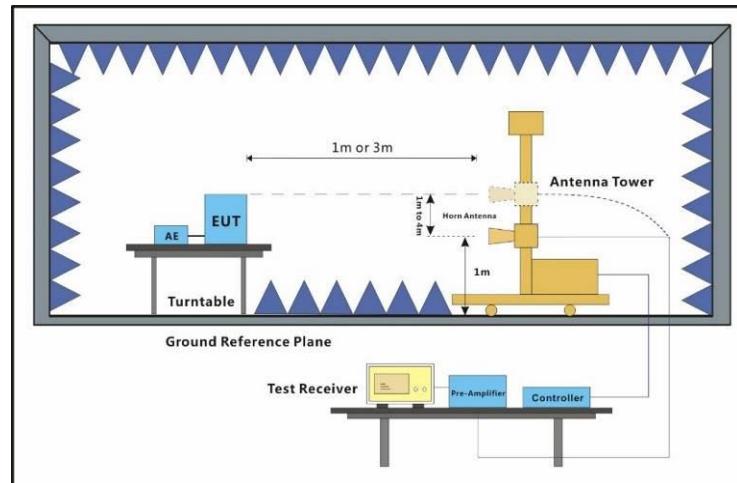
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**7.4.3 Test Setup Diagram**

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**7.4.4 Measurement Procedure and Data**

- a. 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.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The 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) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor - Preamplifier Factor

- 2) Scan from 1GHz to 25GHz, 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.

- 3) 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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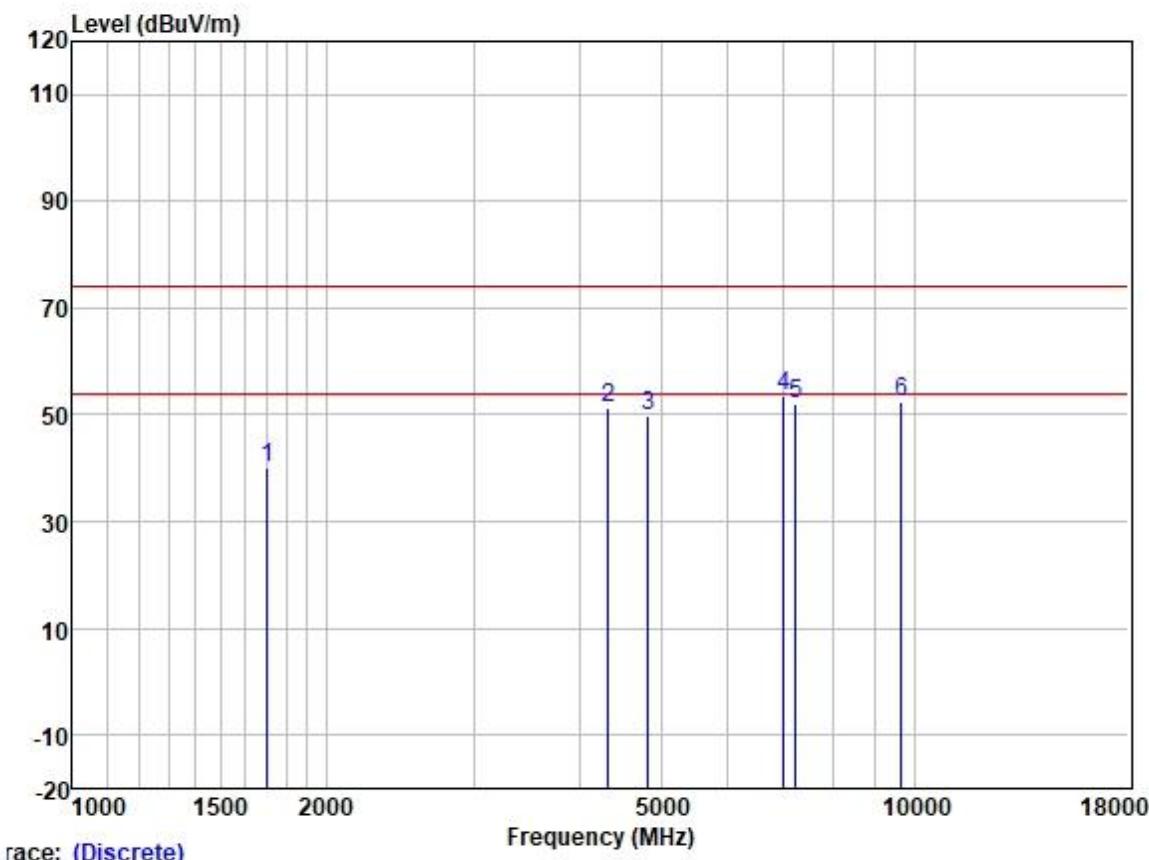


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Test Mode: 13; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Factor	dB						
1	1702.042	49.59	25.72	2.80	37.89	40.22	74.00	-33.78	HORIZONTAL	Peak
2	4329.354	52.90	30.54	4.67	36.81	51.30	74.00	-22.70	HORIZONTAL	Peak
3	4824.000	49.71	31.45	5.42	36.83	49.75	74.00	-24.25	HORIZONTAL	Peak
4	6995.172	49.92	35.00	5.81	37.25	53.48	74.00	-20.52	HORIZONTAL	Peak
5	7236.000	47.59	35.70	6.03	37.39	51.93	74.00	-22.07	HORIZONTAL	Peak
6	9648.000	44.40	38.40	7.06	37.42	52.44	74.00	-21.56	HORIZONTAL	Peak

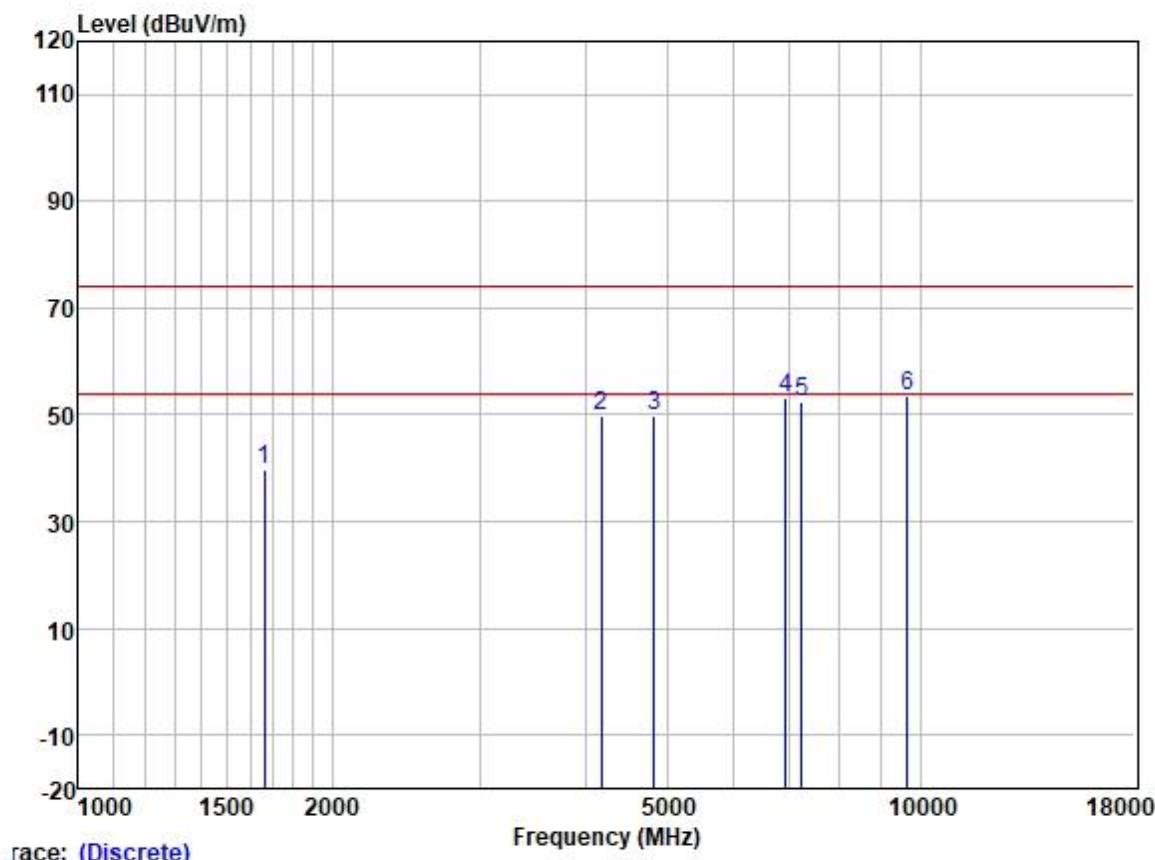
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Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:Low



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	1663.137	49.16	25.65	2.80	37.91	39.70	74.00	-34.30	VERTICAL	Peak	
2	4181.768	51.71	30.12	4.60	36.80	49.63	74.00	-24.37	VERTICAL	Peak	
3	4824.000	49.64	31.45	5.42	36.83	49.68	74.00	-24.32	VERTICAL	Peak	
4	6914.763	49.70	34.89	5.81	37.19	53.21	74.00	-20.79	VERTICAL	Peak	
5	7236.000	48.25	35.70	6.03	37.39	52.59	74.00	-21.41	VERTICAL	Peak	
6	9648.000	45.57	38.40	7.06	37.42	53.61	74.00	-20.39	VERTICAL	Peak	

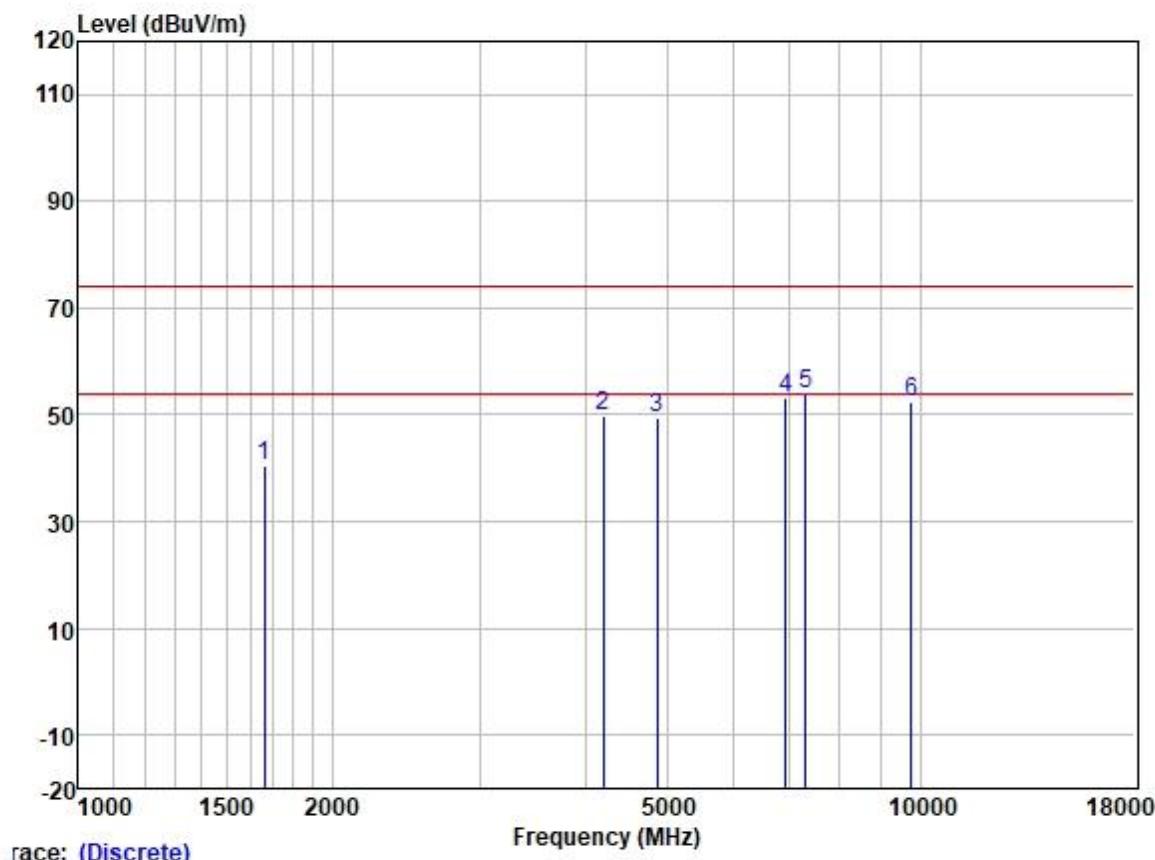
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor					
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 1663.137	49.97	25.65	2.80	37.91	40.51	74.00	-33.49	HORIZONTAL	Peak
2 4206.011	51.86	30.18	4.60	36.81	49.83	74.00	-24.17	HORIZONTAL	Peak
3 4874.000	49.08	31.54	5.50	36.84	49.28	74.00	-24.72	HORIZONTAL	Peak
4 6914.763	49.62	34.89	5.81	37.19	53.13	74.00	-20.87	HORIZONTAL	Peak
5 7311.000	49.33	35.93	6.11	37.42	53.95	74.00	-20.05	HORIZONTAL	Peak
6 9748.000	44.38	38.50	7.02	37.41	52.49	74.00	-21.51	HORIZONTAL	Peak

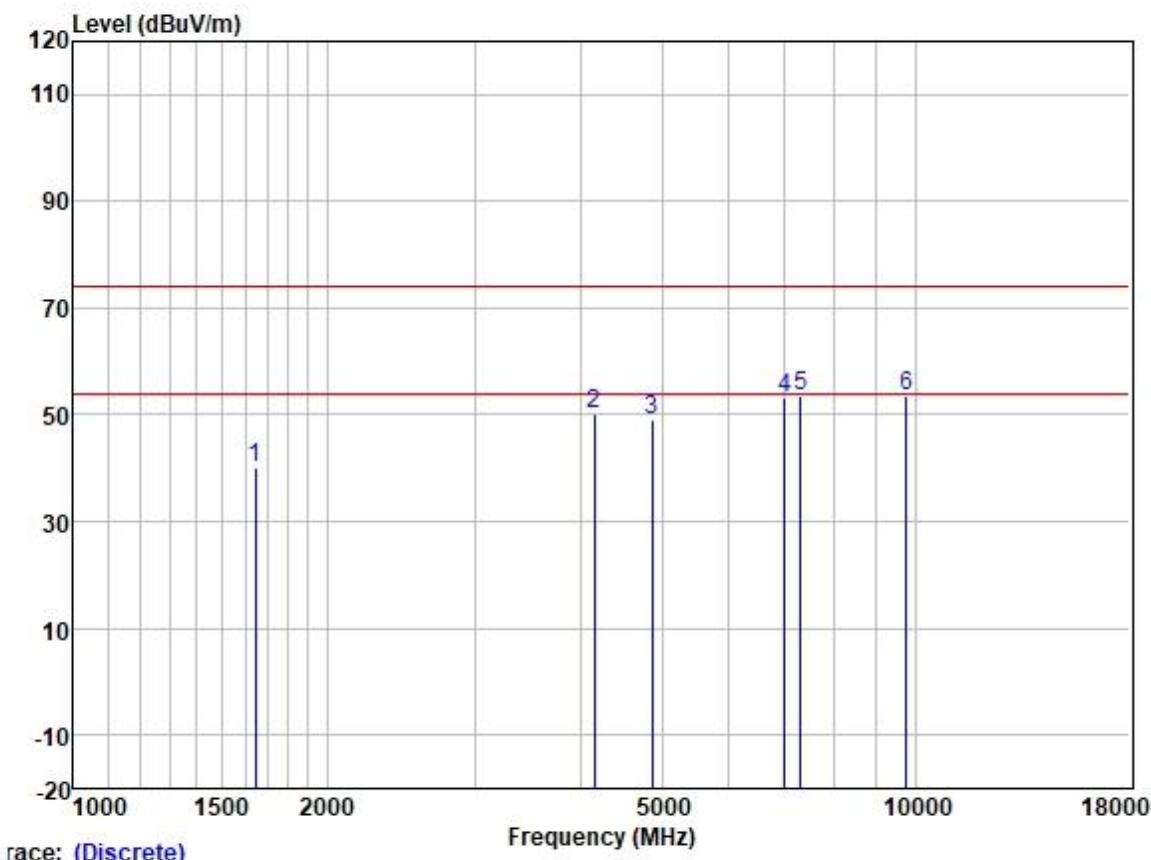
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Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

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	1644.019	49.47	25.63	2.80	37.93	39.97	74.00	-34.03	VERTICAL	Peak
2	4157.664	52.38	30.06	4.60	36.80	50.24	74.00	-23.76	VERTICAL	Peak
3	4874.000	48.94	31.54	5.50	36.84	49.14	74.00	-24.86	VERTICAL	Peak
4	6995.172	49.61	35.00	5.81	37.25	53.17	74.00	-20.83	VERTICAL	Peak
5	7311.000	49.06	35.93	6.11	37.42	53.68	74.00	-20.32	VERTICAL	Peak
6	9748.000	45.53	38.50	7.02	37.41	53.64	74.00	-20.36	VERTICAL	Peak

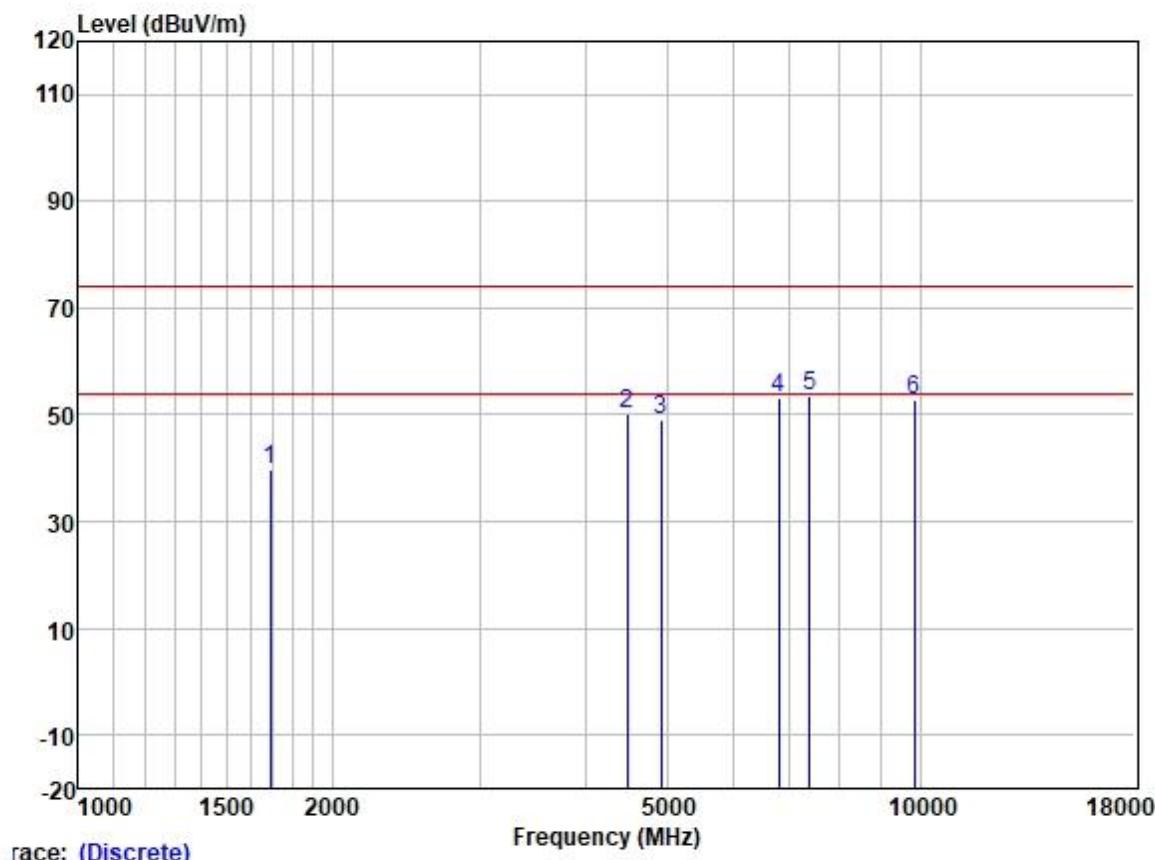
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:11



Race: (Discrete)

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	1692.231	49.08	25.70	2.80	37.89	39.69	74.00	-34.31	HORIZONTAL	Peak
2	4482.150	51.35	30.78	4.99	36.81	50.31	74.00	-23.69	HORIZONTAL	Peak
3	4924.000	48.77	31.62	5.60	36.84	49.15	74.00	-24.85	HORIZONTAL	Peak
4	6795.879	49.87	34.66	5.82	37.12	53.23	74.00	-20.77	HORIZONTAL	Peak
5	7386.000	48.69	36.17	6.19	37.45	53.60	74.00	-20.40	HORIZONTAL	Peak
6	9848.000	44.49	38.58	6.99	37.41	52.65	74.00	-21.35	HORIZONTAL	Peak

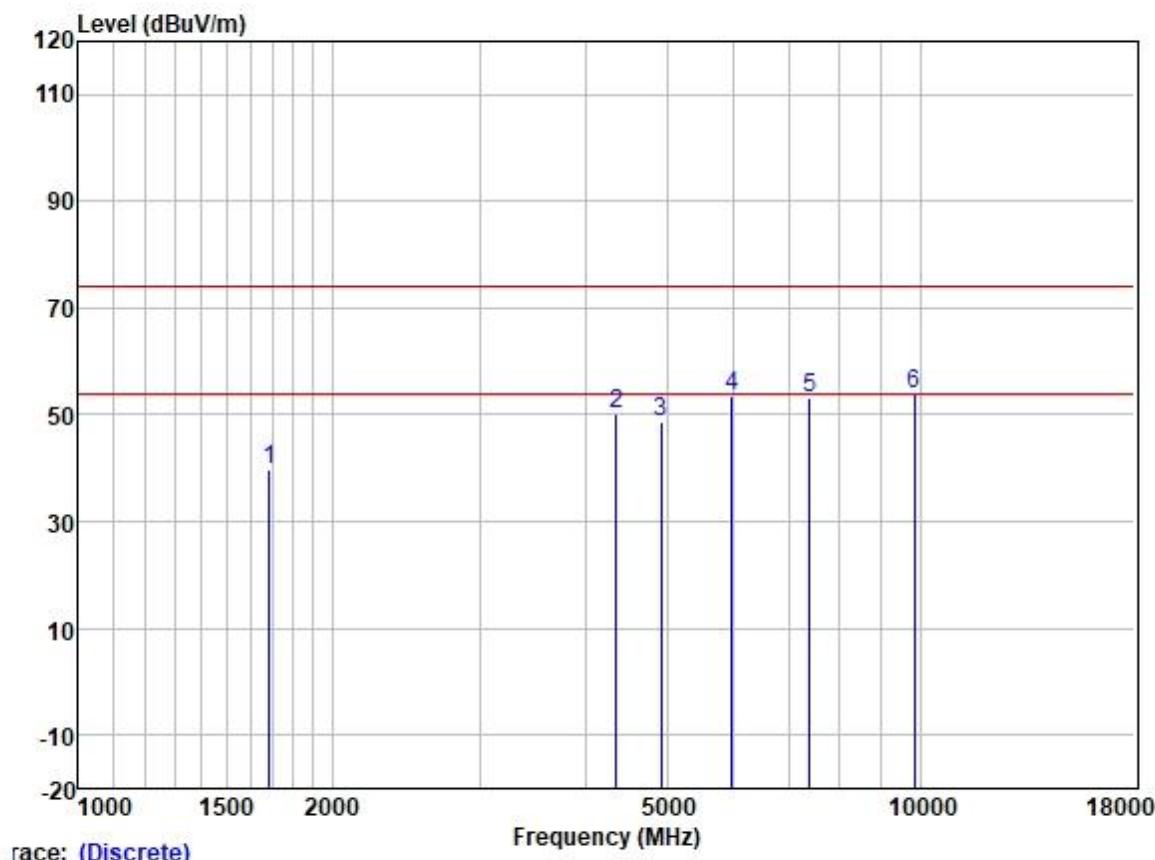
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Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:11



Race: (Discrete)

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 1687.347	49.24	25.69	2.80	37.91	39.82	74.00	-34.18	VERTICAL		Peak	
2 4354.454	51.73	30.59	4.68	36.81	50.19	74.00	-23.81	VERTICAL		Peak	
3 4924.000	48.34	31.62	5.60	36.84	48.72	74.00	-25.28	VERTICAL		Peak	
4 5967.033	52.08	32.37	6.10	36.90	53.65	74.00	-20.35	VERTICAL		Peak	
5 7386.000	48.41	36.17	6.19	37.45	53.32	74.00	-20.68	VERTICAL		Peak	
6 9848.000	45.77	38.58	6.99	37.41	53.93	74.00	-20.07	VERTICAL		Peak	

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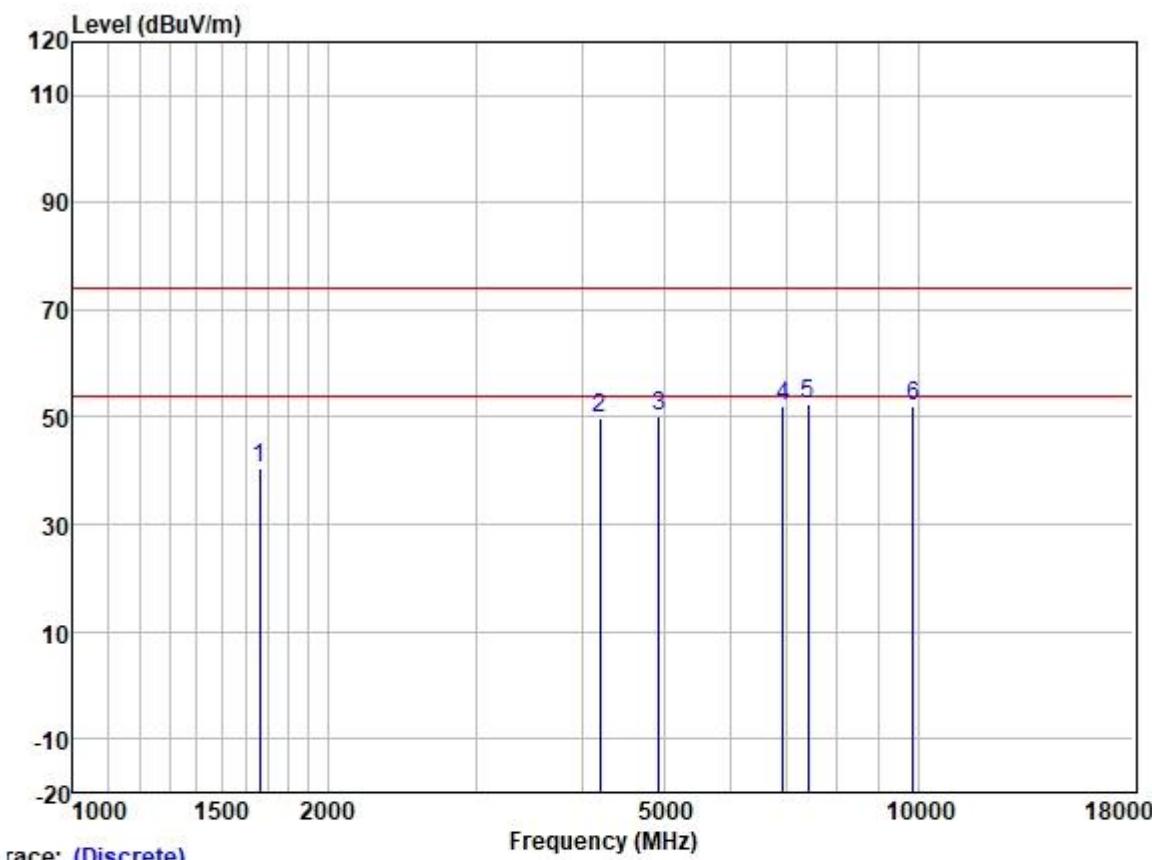
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:12



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	1663.137	49.97	25.65	2.80	37.91	40.51	74.00	-33.49	HORIZONTAL Peak
2	4206.011	51.86	30.18	4.60	36.81	49.83	74.00	-24.17	HORIZONTAL Peak
3	4934.000	49.66	31.62	5.60	36.84	50.04	74.00	-23.96	HORIZONTAL Peak
4	6914.763	48.62	34.89	5.81	37.19	52.13	74.00	-21.87	HORIZONTAL Peak
5	7401.000	47.33	36.22	6.20	37.46	52.29	74.00	-21.71	HORIZONTAL Peak
6	9868.000	43.99	38.60	6.98	37.41	52.16	74.00	-21.84	HORIZONTAL Peak

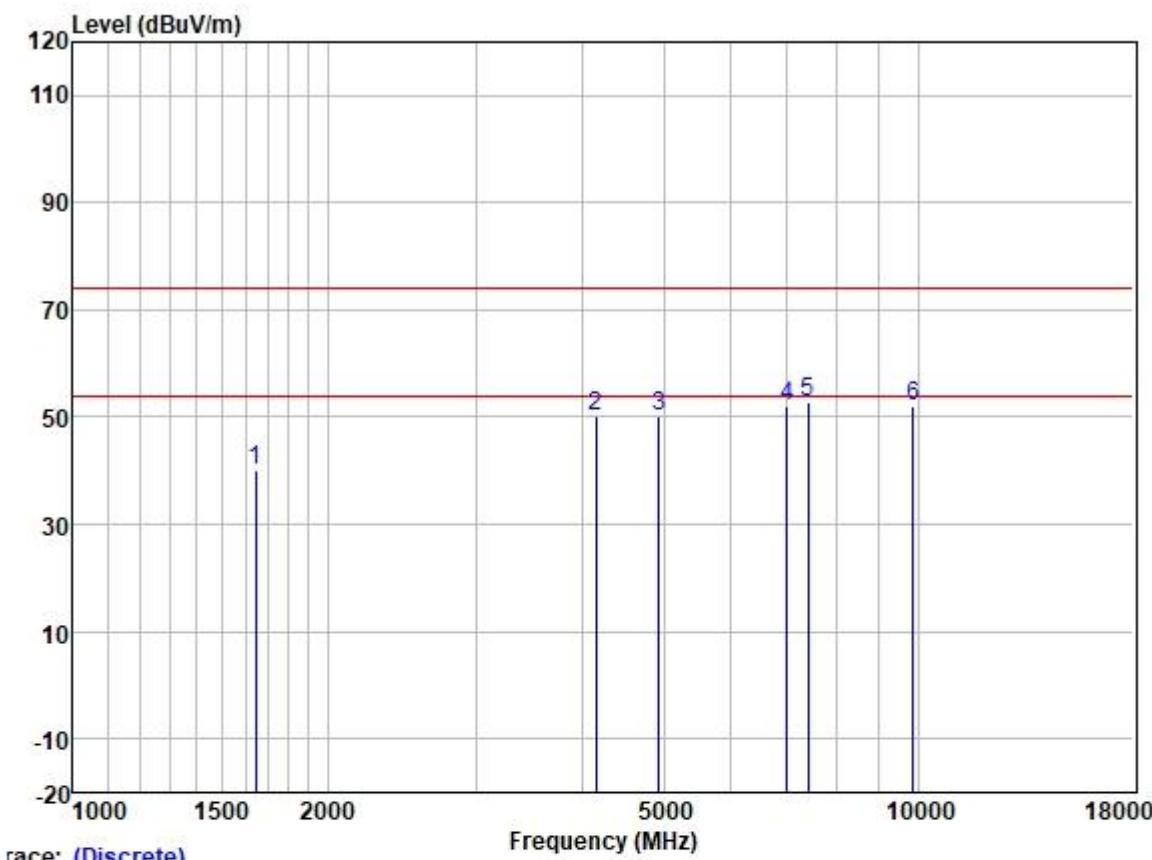
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Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:12



Line	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
		Freq	Level	Factor	Loss					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1644.019	49.47	25.63	2.80	37.93	39.97	74.00	-34.03	VERTICAL	Peak
2	4157.664	52.38	30.06	4.60	36.80	50.24	74.00	-23.76	VERTICAL	Peak
3	4934.000	49.87	31.62	5.60	36.84	50.25	74.00	-23.75	VERTICAL	Peak
4	6995.172	48.61	35.00	5.81	37.25	52.17	74.00	-21.83	VERTICAL	Peak
5	7401.000	47.82	36.22	6.20	37.46	52.78	74.00	-21.22	VERTICAL	Peak
6	9868.000	44.04	38.60	6.98	37.41	52.21	74.00	-21.79	VERTICAL	Peak

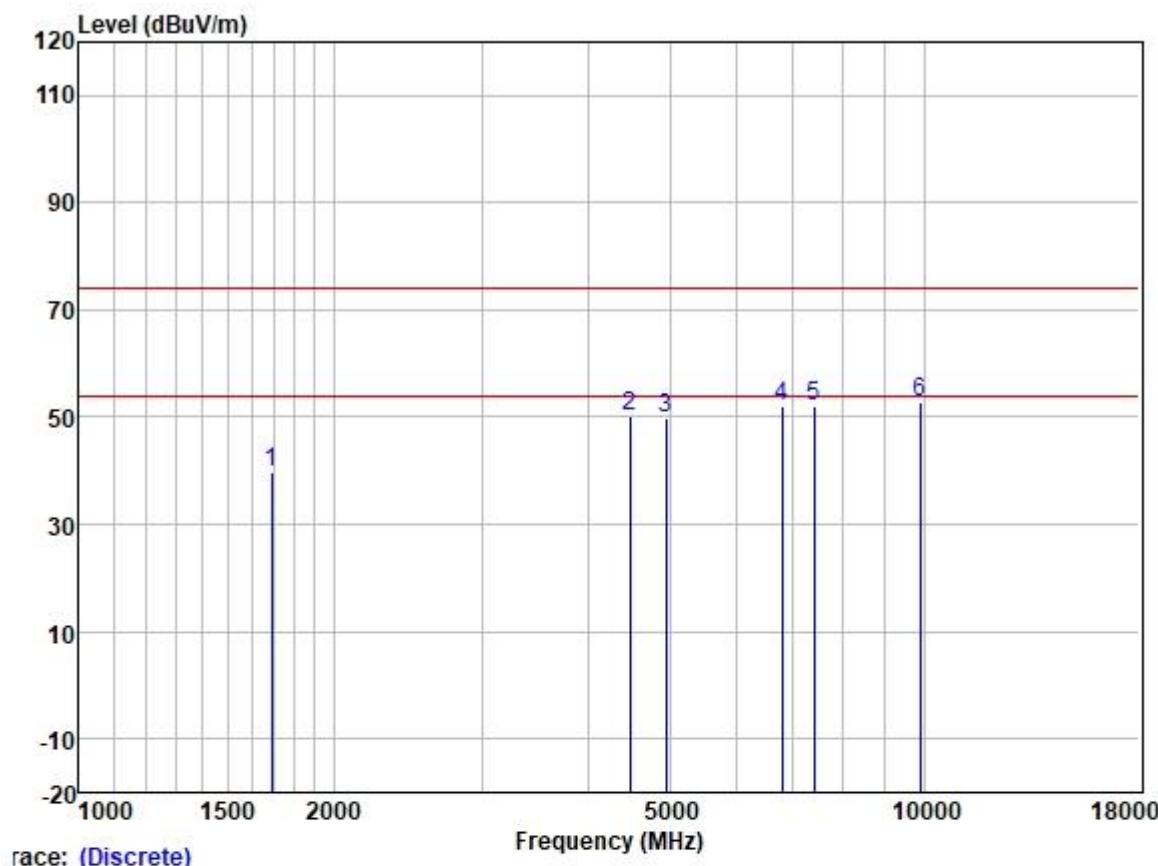
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11b; Bandwidth:20MHz; Channel:13



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1692.231	49.08	25.70	2.80	37.89	39.69	74.00	-34.31	HORIZONTAL	Peak
2	4482.150	51.35	30.78	4.99	36.81	50.31	74.00	-23.69	HORIZONTAL	Peak
3	4944.000	49.44	31.64	5.62	36.84	49.86	74.00	-24.14	HORIZONTAL	Peak
4	6795.879	48.87	34.66	5.82	37.12	52.23	74.00	-21.77	HORIZONTAL	Peak
5	7416.000	47.08	36.22	6.20	37.47	52.03	74.00	-21.97	HORIZONTAL	Peak
6	9888.000	44.55	38.63	6.97	37.41	52.74	74.00	-21.26	HORIZONTAL	Peak

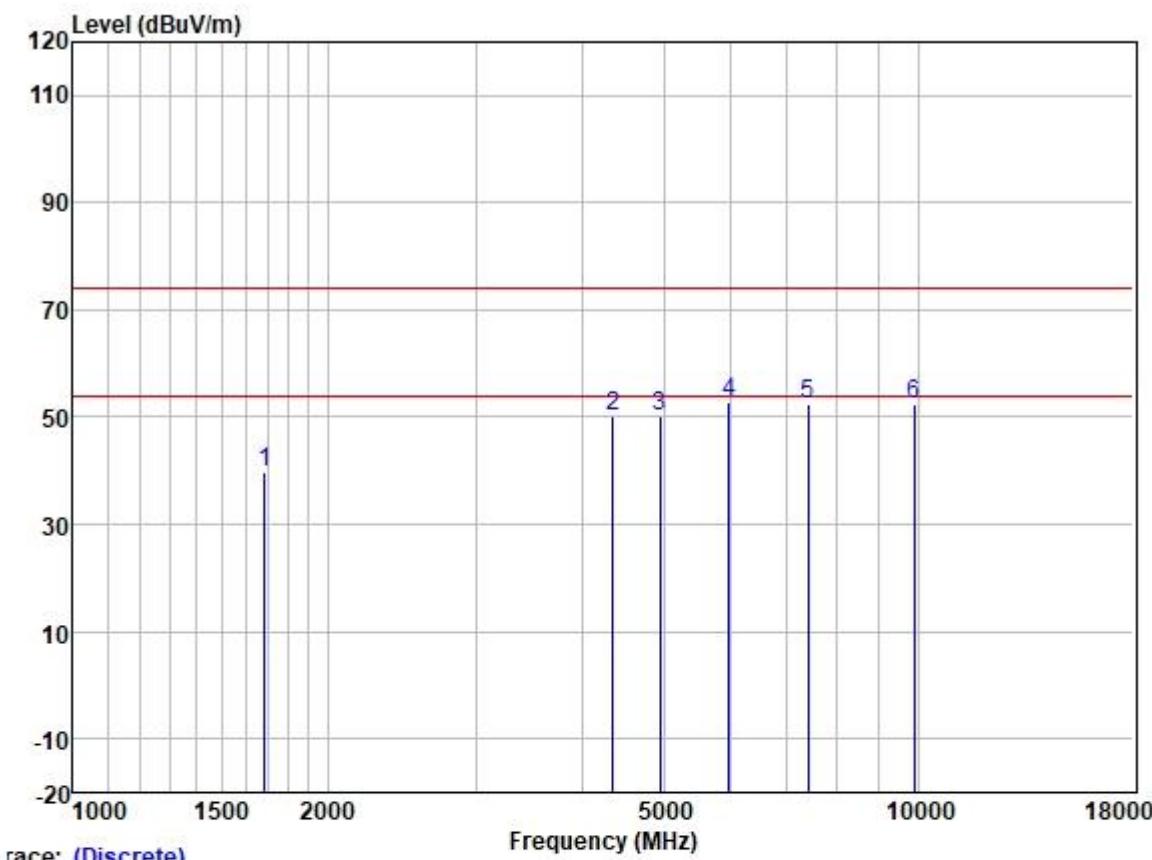
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Test Mode: 13; Polarity: Vertical; Modulation:802.11b; Bandwidth:20MHz; Channel:13



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB	dB		
1	1687.347	49.24	25.69	2.80	37.91	39.82	74.00	-34.18	VERTICAL	Peak	
2	4354.454	51.73	30.59	4.68	36.81	50.19	74.00	-23.81	VERTICAL	Peak	
3	4944.000	49.85	31.64	5.62	36.84	50.27	74.00	-23.73	VERTICAL	Peak	
4	5967.033	51.08	32.37	6.10	36.90	52.65	74.00	-21.35	VERTICAL	Peak	
5	7416.000	47.51	36.22	6.20	37.47	52.46	74.00	-21.54	VERTICAL	Peak	
6	9888.000	44.34	38.63	6.97	37.41	52.53	74.00	-21.47	VERTICAL	Peak	

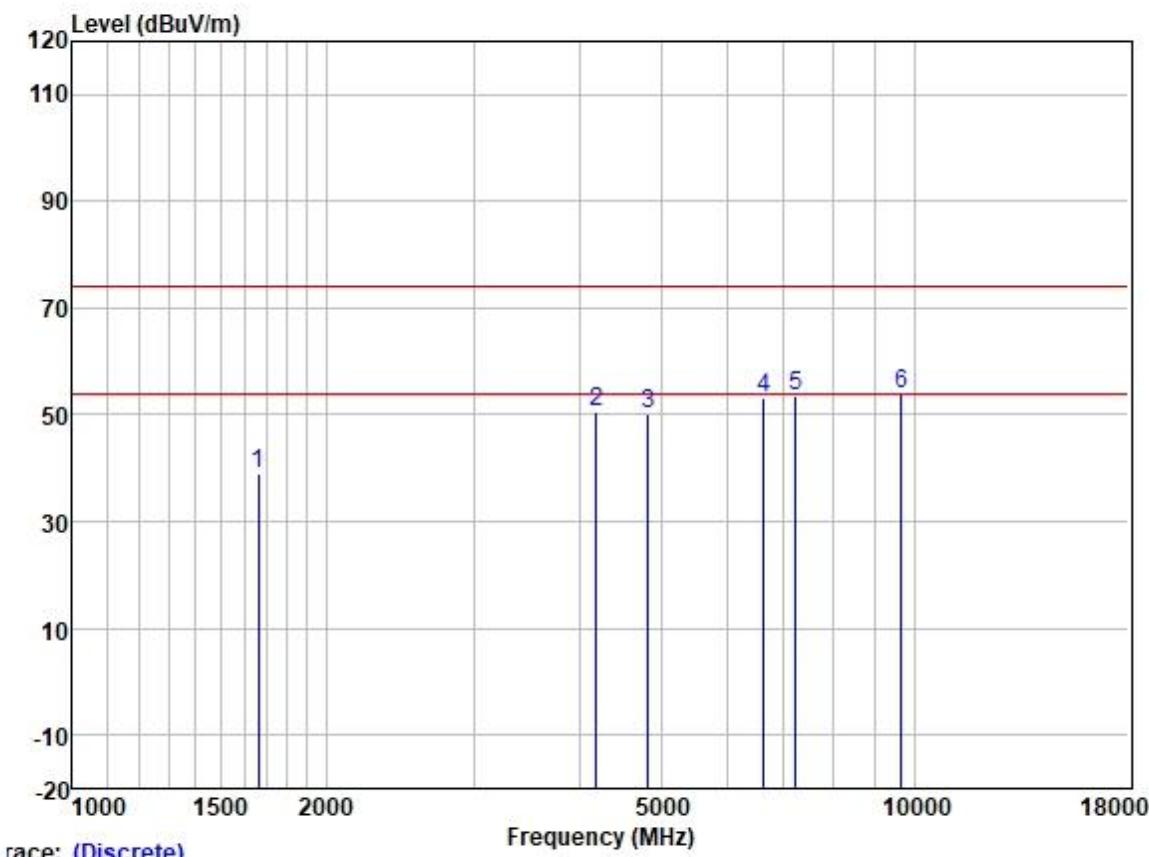
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB			
1	1663.137	48.47	25.65	2.80	37.91	39.01	74.00	-34.99	HORIZONTAL	Peak		
2	4193.872	52.53	30.15	4.60	36.81	50.47	74.00	-23.53	HORIZONTAL	Peak		
3	4824.000	50.21	31.45	5.42	36.83	50.25	74.00	-23.75	HORIZONTAL	Peak		
4	6621.375	50.25	34.20	5.83	37.05	53.23	74.00	-20.77	HORIZONTAL	Peak		
5	7236.000	49.36	35.70	6.03	37.39	53.70	74.00	-20.30	HORIZONTAL	Peak		
6	9648.000	45.75	38.40	7.06	37.42	53.79	74.00	-20.21	HORIZONTAL	Peak		

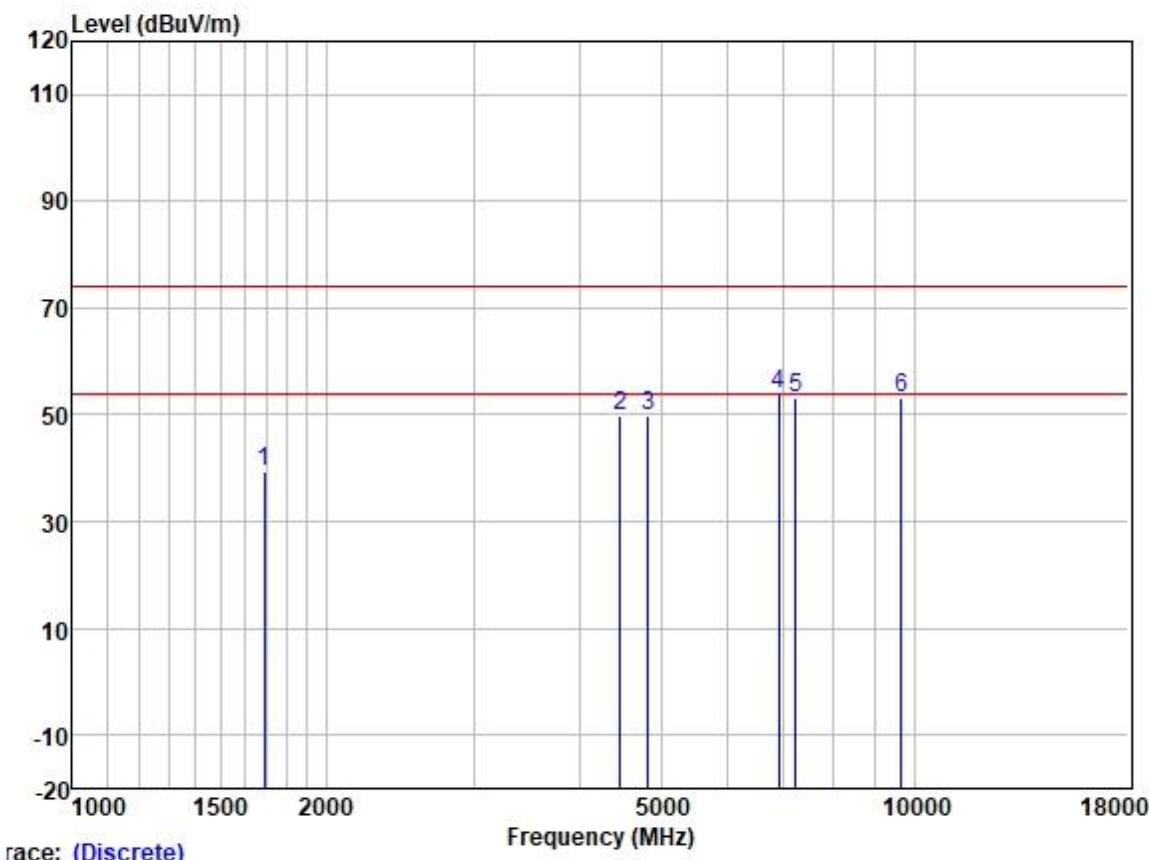
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Test Mode: 13; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	dB						
1	1692.231	48.78	25.70	2.80	37.89	39.39	74.00	-34.61	VERTICAL	Peak
2	4469.214	50.87	30.77	4.93	36.81	49.76	74.00	-24.24	VERTICAL	Peak
3	4824.000	49.65	31.45	5.42	36.83	49.69	74.00	-24.31	VERTICAL	Peak
4	6894.806	50.26	34.85	5.81	37.18	53.74	74.00	-20.26	VERTICAL	Peak
5	7236.000	48.81	35.70	6.03	37.39	53.15	74.00	-20.85	VERTICAL	Peak
6	9648.000	45.11	38.40	7.06	37.42	53.15	74.00	-20.85	VERTICAL	Peak

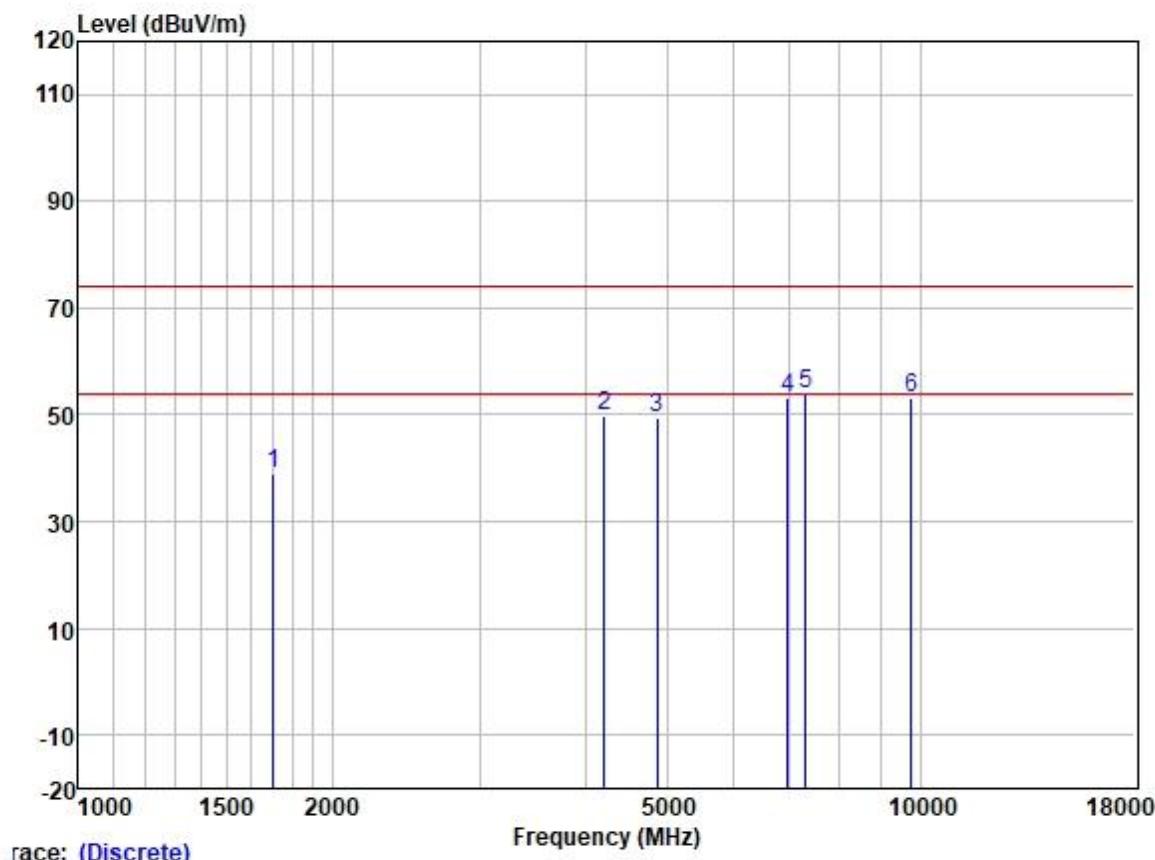
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



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 1702.042	48.50	25.72	2.80	37.89	39.13	74.00	-34.87	HORIZONTAL	Peak		
2 4218.186	51.80	30.22	4.60	36.81	49.81	74.00	-24.19	HORIZONTAL	Peak		
3 4874.000	49.09	31.54	5.50	36.84	49.29	74.00	-24.71	HORIZONTAL	Peak		
4 6954.852	49.59	34.95	5.81	37.21	53.14	74.00	-20.86	HORIZONTAL	Peak		
5 7311.000	49.15	35.93	6.11	37.42	53.77	74.00	-20.23	HORIZONTAL	Peak		
6 9748.000	45.13	38.50	7.02	37.41	53.24	74.00	-20.76	HORIZONTAL	Peak		

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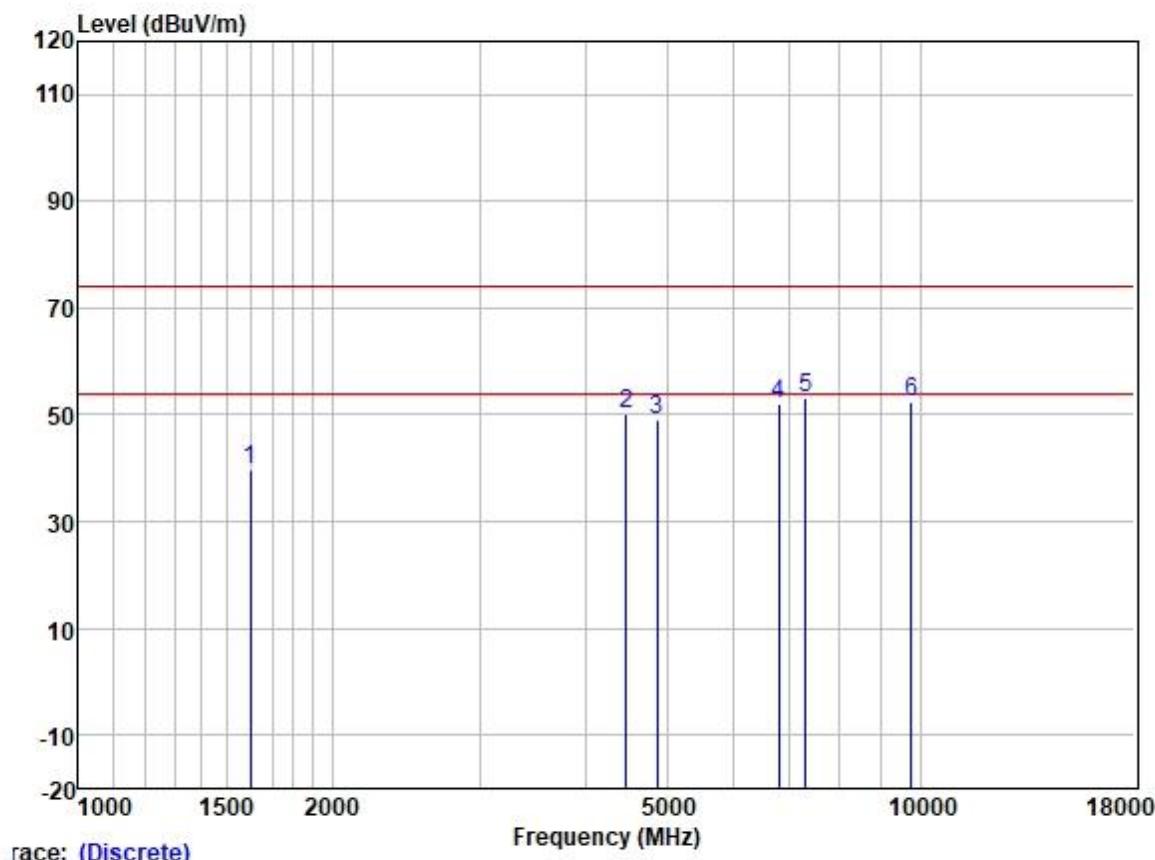
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Test Mode: 13; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1	1601.804	49.28	25.58	2.80	37.98	39.68	74.00	-34.32	VERTICAL	Peak	
2	4469.214	51.31	30.77	4.93	36.81	50.20	74.00	-23.80	VERTICAL	Peak	
3	4874.000	48.78	31.54	5.50	36.84	48.98	74.00	-25.02	VERTICAL	Peak	
4	6795.879	48.76	34.66	5.82	37.12	52.12	74.00	-21.88	VERTICAL	Peak	
5	7311.000	48.42	35.93	6.11	37.42	53.04	74.00	-20.96	VERTICAL	Peak	
6	9748.000	44.49	38.50	7.02	37.41	52.60	74.00	-21.40	VERTICAL	Peak	

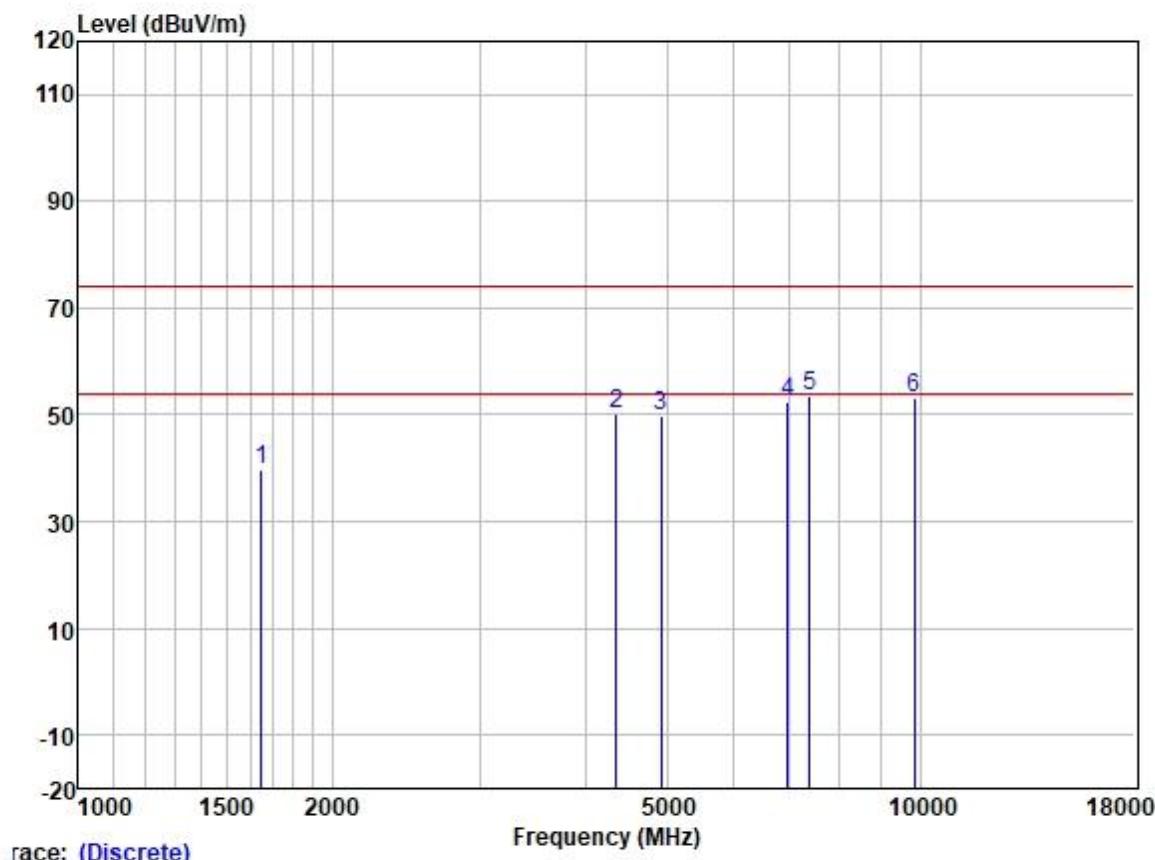
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:11



Race:	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
		Level	Factor	Loss	Factor					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1648.778	49.12	25.63	2.80	37.93	39.62	74.00	-34.38	HORIZONTAL	Peak
2	4354.454	51.81	30.59	4.68	36.81	50.27	74.00	-23.73	HORIZONTAL	Peak
3	4924.000	49.47	31.62	5.60	36.84	49.85	74.00	-24.15	HORIZONTAL	Peak
4	6954.852	48.81	34.95	5.81	37.21	52.36	74.00	-21.64	HORIZONTAL	Peak
5	7386.000	48.60	36.17	6.19	37.45	53.51	74.00	-20.49	HORIZONTAL	Peak
6	9848.000	45.18	38.58	6.99	37.41	53.34	74.00	-20.66	HORIZONTAL	Peak

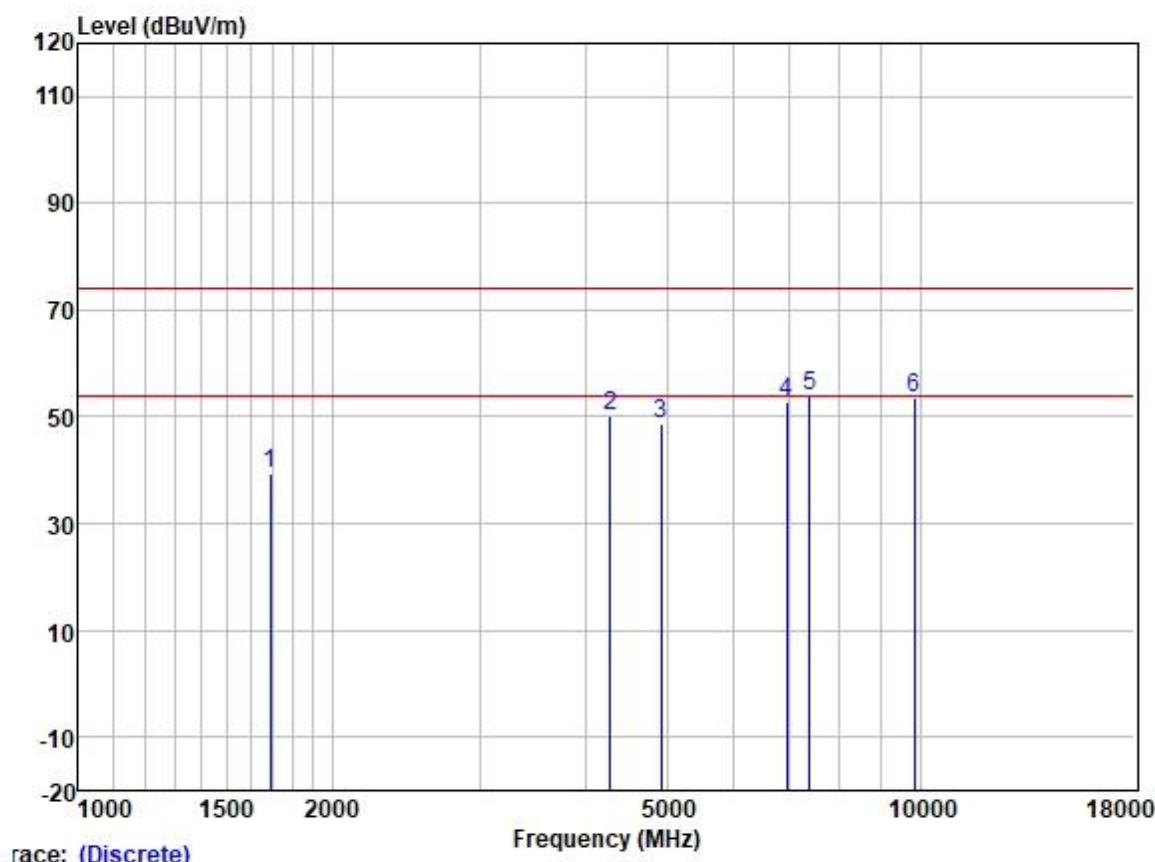
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Test Mode: 13; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:11



Race: (Discrete)

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 1692.231	48.76	25.70	2.80	37.89	39.37	74.00	-34.63	VERTICAL		Peak	
2 4279.589	51.80	30.42	4.63	36.81	50.04	74.00	-23.96	VERTICAL		Peak	
3 4924.000	48.35	31.62	5.60	36.84	48.73	74.00	-25.27	VERTICAL		Peak	
4 6934.778	49.24	34.92	5.81	37.19	52.78	74.00	-21.22	VERTICAL		Peak	
5 7386.000	48.87	36.17	6.19	37.45	53.78	74.00	-20.22	VERTICAL		Peak	
6 9848.000	45.51	38.58	6.99	37.41	53.67	74.00	-20.33	VERTICAL		Peak	

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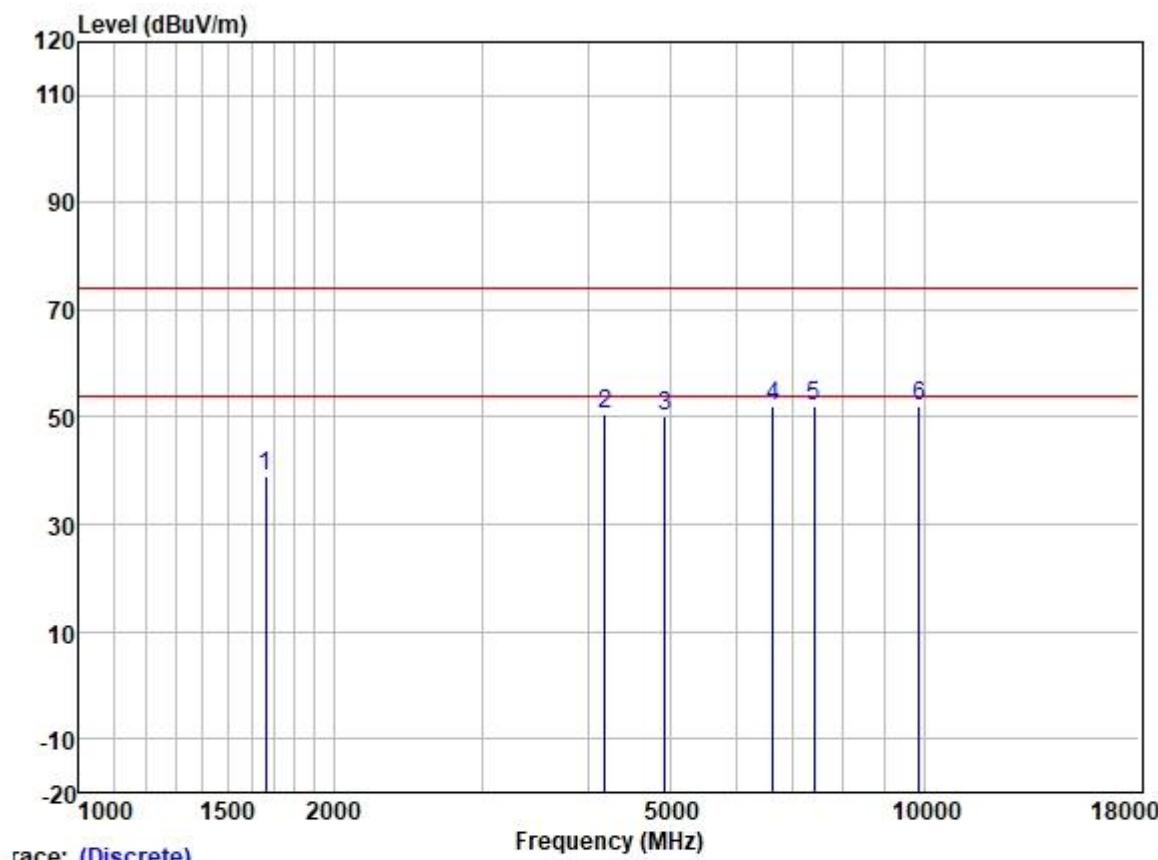
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:12



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	1663.137	48.47	25.65	2.80	37.91	39.01	74.00	-34.99	HORIZONTAL Peak
2	4193.872	52.53	30.15	4.60	36.81	50.47	74.00	-23.53	HORIZONTAL Peak
3	4934.000	49.71	31.62	5.60	36.84	50.09	74.00	-23.91	HORIZONTAL Peak
4	6621.375	49.25	34.20	5.83	37.05	52.23	74.00	-21.77	HORIZONTAL Peak
5	7401.000	47.23	36.22	6.20	37.46	52.19	74.00	-21.81	HORIZONTAL Peak
6	9868.000	43.93	38.60	6.98	37.41	52.10	74.00	-21.90	HORIZONTAL Peak

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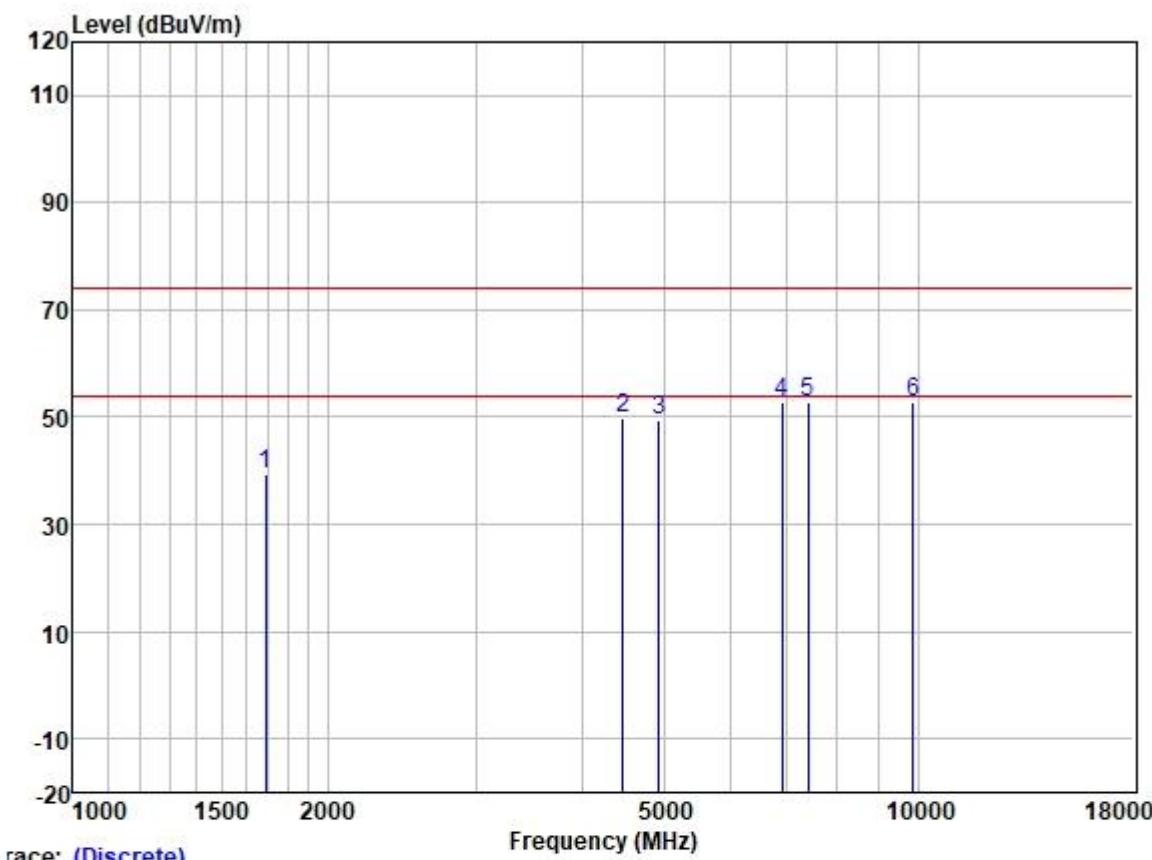
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Test Mode: 13; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:12



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1692.231	48.78	25.70	2.80	37.89	39.39	74.00	-34.61	VERTICAL	Peak
2	4469.214	50.87	30.77	4.93	36.81	49.76	74.00	-24.24	VERTICAL	Peak
3	4934.000	49.12	31.62	5.60	36.84	49.50	74.00	-24.50	VERTICAL	Peak
4	6894.806	49.26	34.85	5.81	37.18	52.74	74.00	-21.26	VERTICAL	Peak
5	7401.000	47.83	36.22	6.20	37.46	52.79	74.00	-21.21	VERTICAL	Peak
6	9868.000	44.54	38.60	6.98	37.41	52.71	74.00	-21.29	VERTICAL	Peak

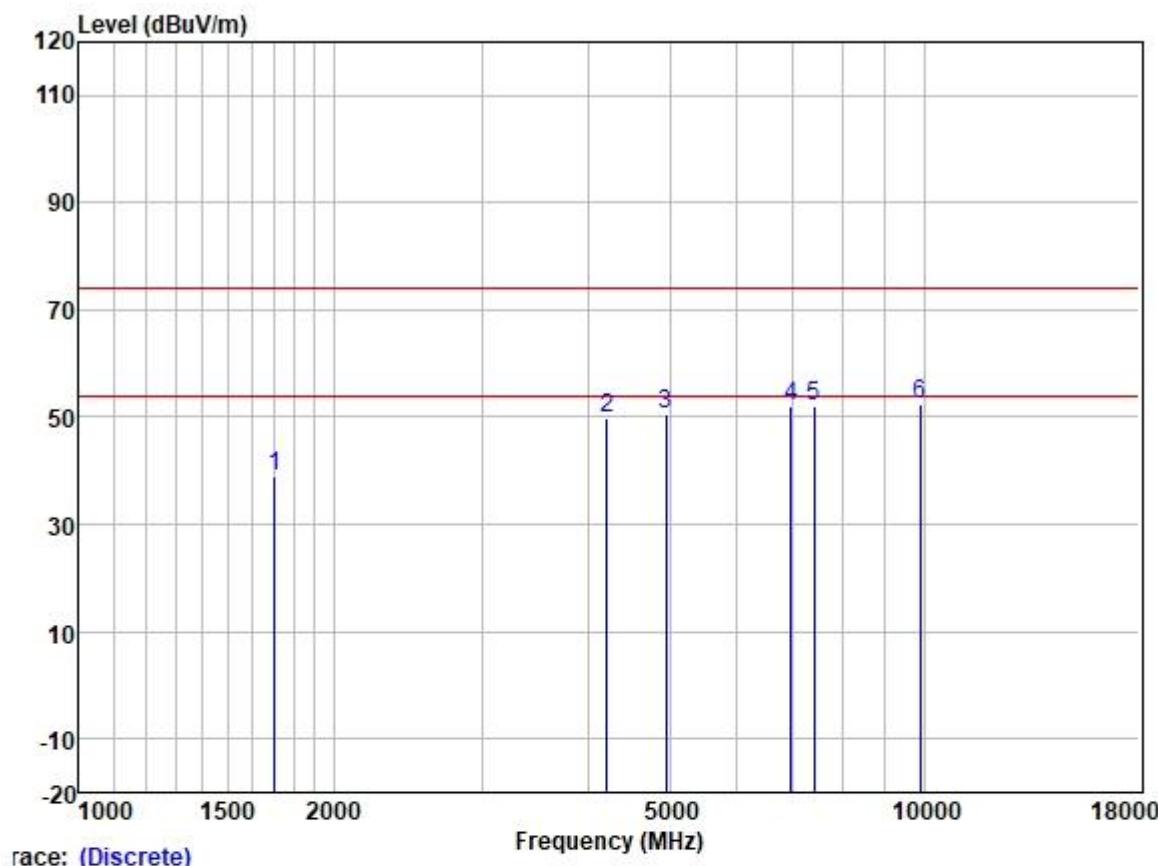
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:13



Race: (Discrete)

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	1702.042	48.50	25.72	2.80	37.89	39.13	74.00	-34.87	HORIZONTAL Peak
2	4218.186	51.80	30.22	4.60	36.81	49.81	74.00	-24.19	HORIZONTAL Peak
3	4944.000	50.08	31.64	5.62	36.84	50.50	74.00	-23.50	HORIZONTAL Peak
4	6954.852	48.59	34.95	5.81	37.21	52.14	74.00	-21.86	HORIZONTAL Peak
5	7416.000	47.15	36.22	6.20	37.47	52.10	74.00	-21.90	HORIZONTAL Peak
6	9888.000	44.42	38.63	6.97	37.41	52.61	74.00	-21.39	HORIZONTAL Peak

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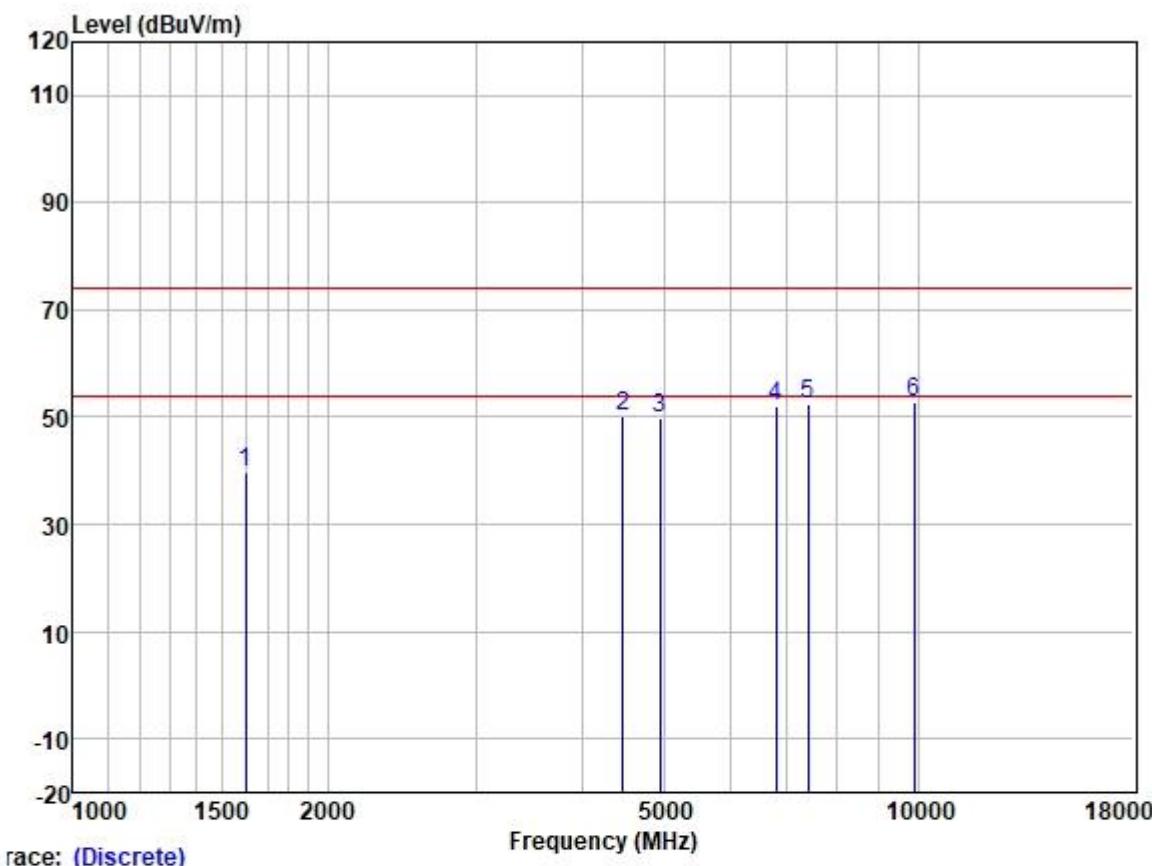
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Test Mode: 13; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:13



Trace: (Discrete)

Freq MHz	ReadAntenna	Cable	Preamp	Limit Line	Over Line	Over Limit	Pol/Phase	Remark
	Level dBuV	Factor	Loss Factor					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	1601.804	49.28	25.58	2.80	37.98	39.68	74.00	-34.32 VERTICAL Peak
2	4469.214	51.31	30.77	4.93	36.81	50.20	74.00	-23.80 VERTICAL Peak
3	4944.000	49.34	31.64	5.62	36.84	49.76	74.00	-24.24 VERTICAL Peak
4	6795.879	48.76	34.66	5.82	37.12	52.12	74.00	-21.88 VERTICAL Peak
5	7416.000	47.46	36.22	6.20	37.47	52.41	74.00	-21.59 VERTICAL Peak
6	9888.000	44.43	38.63	6.97	37.41	52.62	74.00	-21.38 VERTICAL Peak

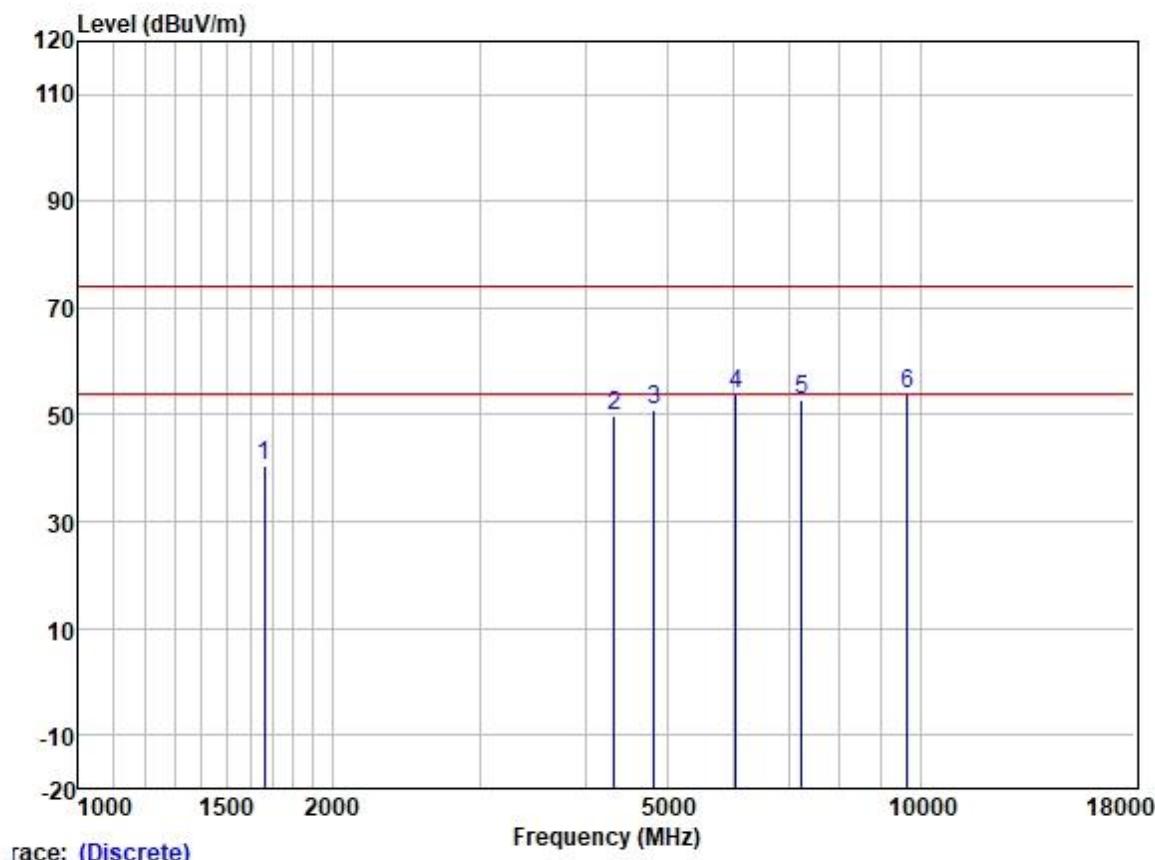
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	dB						
1	1663.137	49.79	25.65	2.80	37.91	40.33	74.00	-33.67	HORIZONTAL	Peak
2	4329.354	51.47	30.54	4.67	36.81	49.87	74.00	-24.13	HORIZONTAL	Peak
3	4824.000	50.90	31.45	5.42	36.83	50.94	74.00	-23.06	HORIZONTAL	Peak
4	6036.421	52.23	32.48	6.18	36.90	53.99	74.00	-20.01	HORIZONTAL	Peak
5	7236.000	48.53	35.70	6.03	37.39	52.87	74.00	-21.13	HORIZONTAL	Peak
6	9648.000	45.88	38.40	7.06	37.42	53.92	74.00	-20.08	HORIZONTAL	Peak

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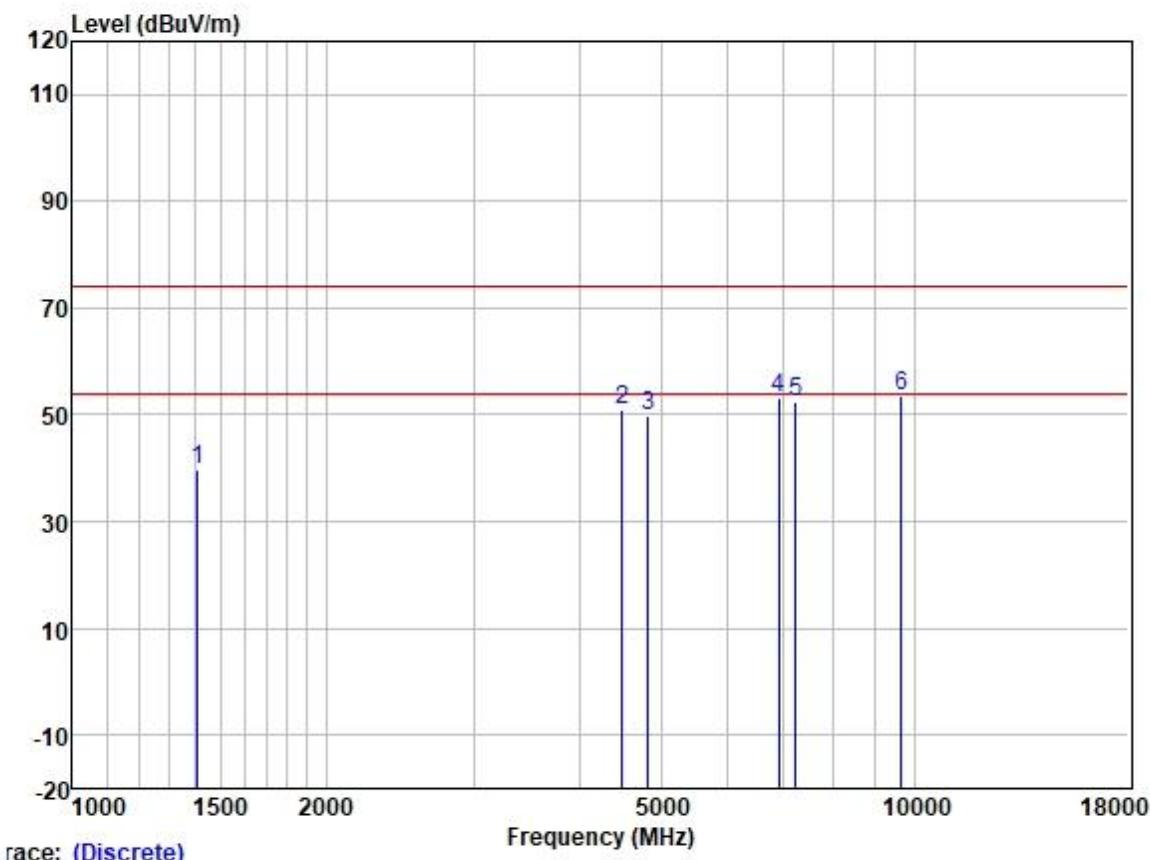
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	Level	Factor	dB							
1	1406.443	49.98	25.40	2.61	38.22	39.77	74.00	-34.23	VERTICAL	Peak	
2	4495.125	51.85	30.80	5.05	36.82	50.88	74.00	-23.12	VERTICAL	Peak	
3	4824.000	49.65	31.45	5.42	36.83	49.69	74.00	-24.31	VERTICAL	Peak	
4	6894.806	49.55	34.85	5.81	37.18	53.03	74.00	-20.97	VERTICAL	Peak	
5	7236.000	48.16	35.70	6.03	37.39	52.50	74.00	-21.50	VERTICAL	Peak	
6	9648.000	45.42	38.40	7.06	37.42	53.46	74.00	-20.54	VERTICAL	Peak	

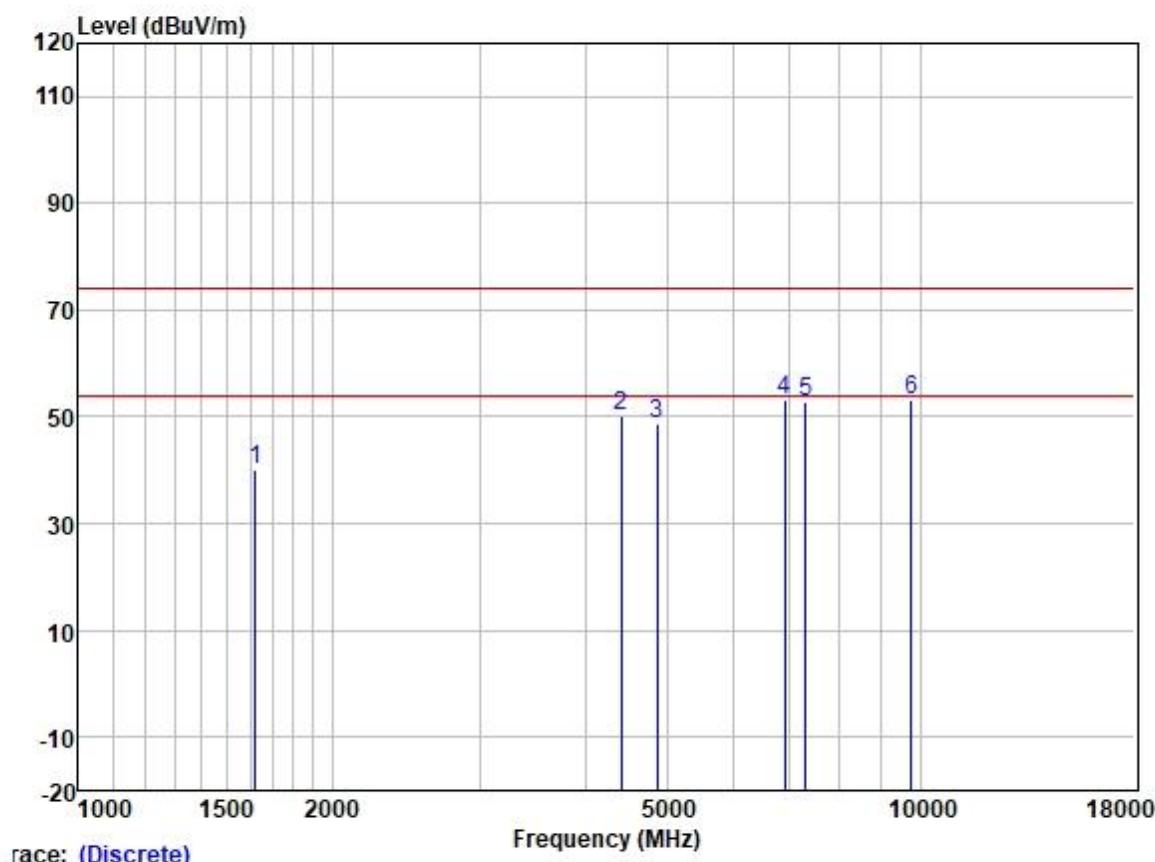
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	Freq	Level	Factor	Loss							
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB				
1 1620.431	49.82	25.60	2.80	37.95	40.27	74.00	-33.73	HORIZONTAL	Peak		
2 4417.841	51.67	30.70	4.74	36.81	50.30	74.00	-23.70	HORIZONTAL	Peak		
3 4874.000	48.52	31.54	5.50	36.84	48.72	74.00	-25.28	HORIZONTAL	Peak		
4 6894.806	49.84	34.85	5.81	37.18	53.32	74.00	-20.68	HORIZONTAL	Peak		
5 7311.000	48.16	35.93	6.11	37.42	52.78	74.00	-21.22	HORIZONTAL	Peak		
6 9748.000	45.22	38.50	7.02	37.41	53.33	74.00	-20.67	HORIZONTAL	Peak		

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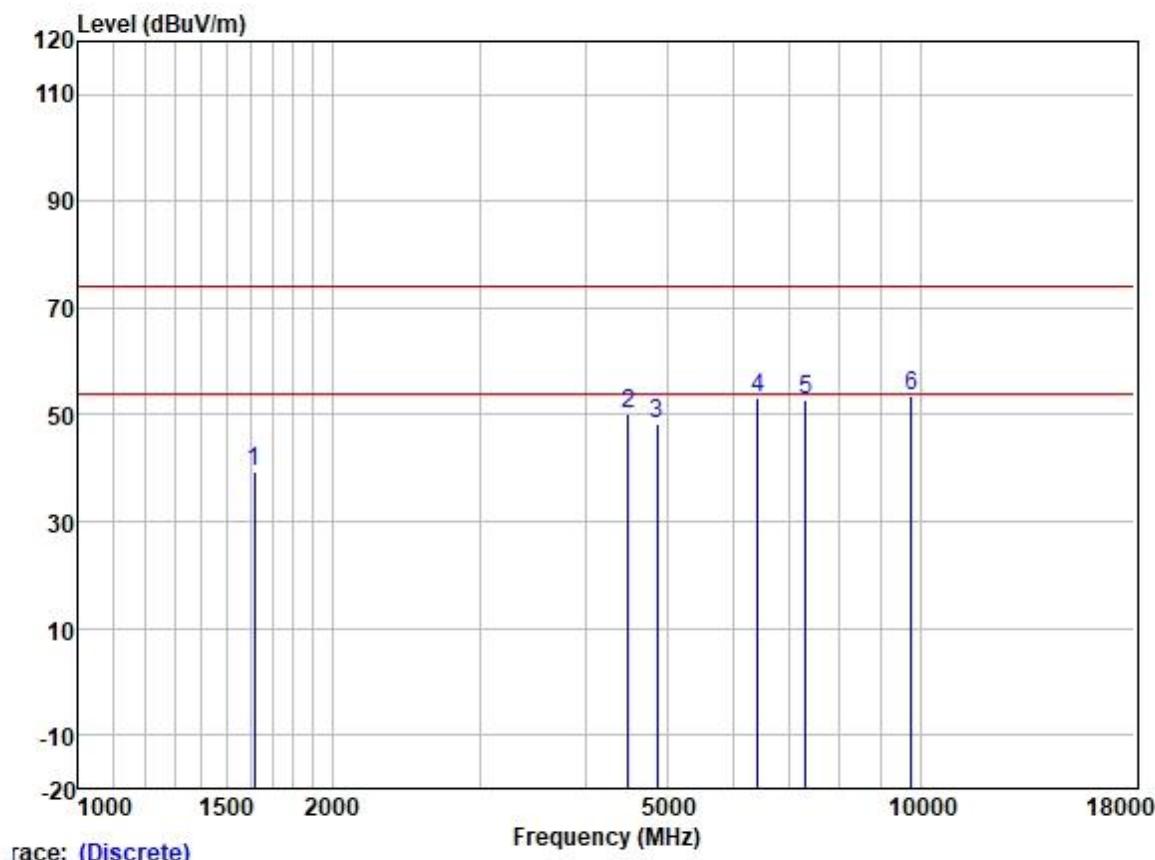


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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

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	1615.754	49.05	25.60	2.80	37.95	39.50	74.00	-34.50	VERTICAL	Peak
2	4495.125	51.33	30.80	5.05	36.82	50.36	74.00	-23.64	VERTICAL	Peak
3	4874.000	48.22	31.54	5.50	36.84	48.42	74.00	-25.58	VERTICAL	Peak
4	6414.167	50.63	33.79	5.89	36.99	53.32	74.00	-20.68	VERTICAL	Peak
5	7311.000	48.12	35.93	6.11	37.42	52.74	74.00	-21.26	VERTICAL	Peak
6	9748.000	45.45	38.50	7.02	37.41	53.56	74.00	-20.44	VERTICAL	Peak

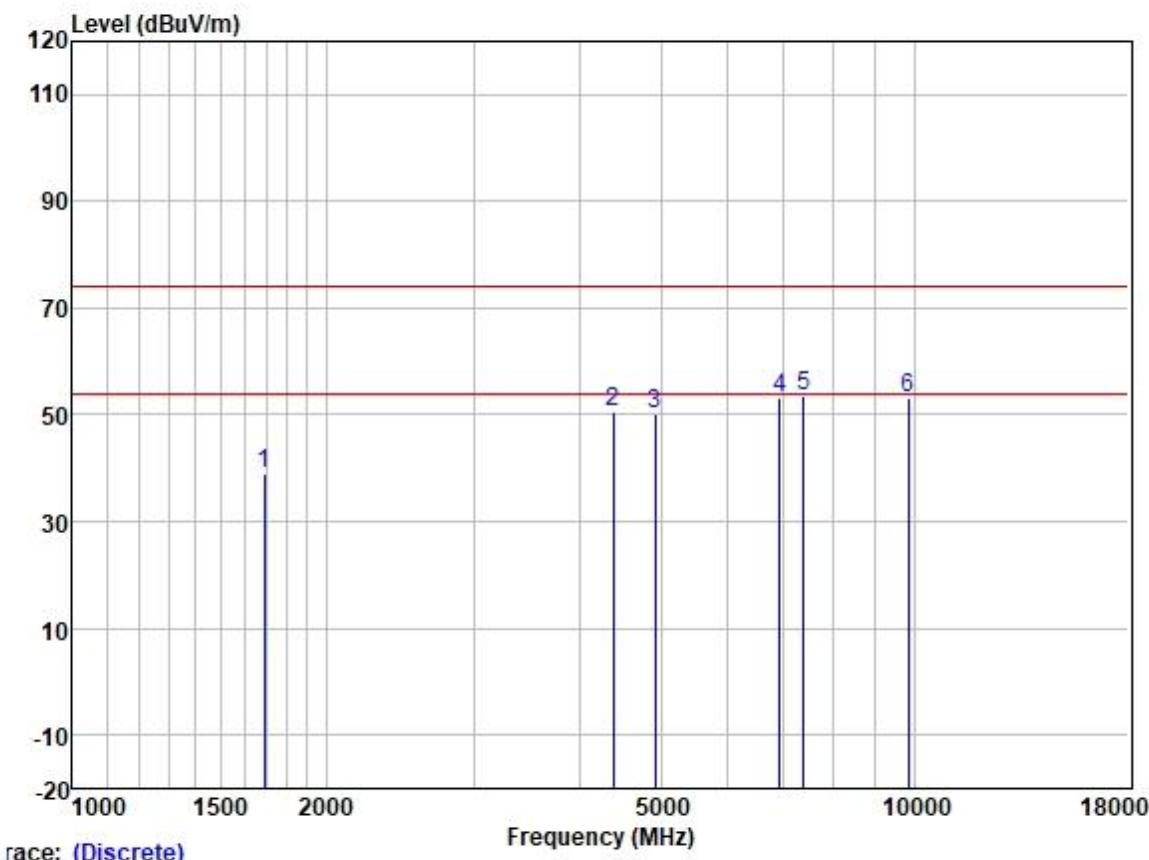
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:11



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB			
1	1692.231	48.42	25.70	2.80	37.89	39.03	74.00	-34.97	HORIZONTAL	Peak		
2	4392.376	52.10	30.66	4.70	36.81	50.65	74.00	-23.35	HORIZONTAL	Peak		
3	4924.000	49.65	31.62	5.60	36.84	50.03	74.00	-23.97	HORIZONTAL	Peak		
4	6914.763	49.64	34.89	5.81	37.19	53.15	74.00	-20.85	HORIZONTAL	Peak		
5	7386.000	48.46	36.17	6.19	37.45	53.37	74.00	-20.63	HORIZONTAL	Peak		
6	9848.000	44.84	38.58	6.99	37.41	53.00	74.00	-21.00	HORIZONTAL	Peak		

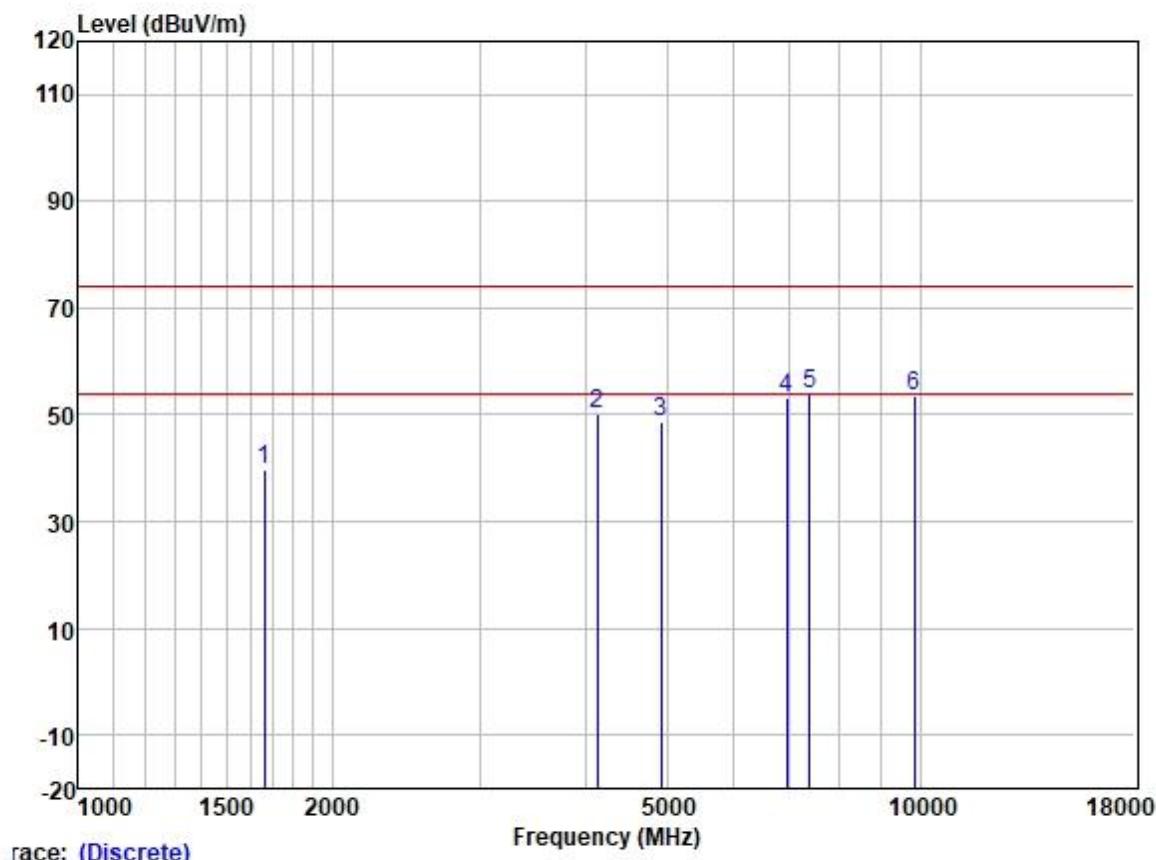
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:11



Race: (Discrete)

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	1663.137	49.23	25.65	2.80	37.91	39.77	74.00	-34.23	VERTICAL	Peak	
2	4133.699	52.51	30.01	4.60	36.80	50.32	74.00	-23.68	VERTICAL	Peak	
3	4924.000	48.42	31.62	5.60	36.84	48.80	74.00	-25.20	VERTICAL	Peak	
4	6934.778	49.54	34.92	5.81	37.19	53.08	74.00	-20.92	VERTICAL	Peak	
5	7386.000	48.94	36.17	6.19	37.45	53.85	74.00	-20.15	VERTICAL	Peak	
6	9848.000	45.39	38.58	6.99	37.41	53.55	74.00	-20.45	VERTICAL	Peak	

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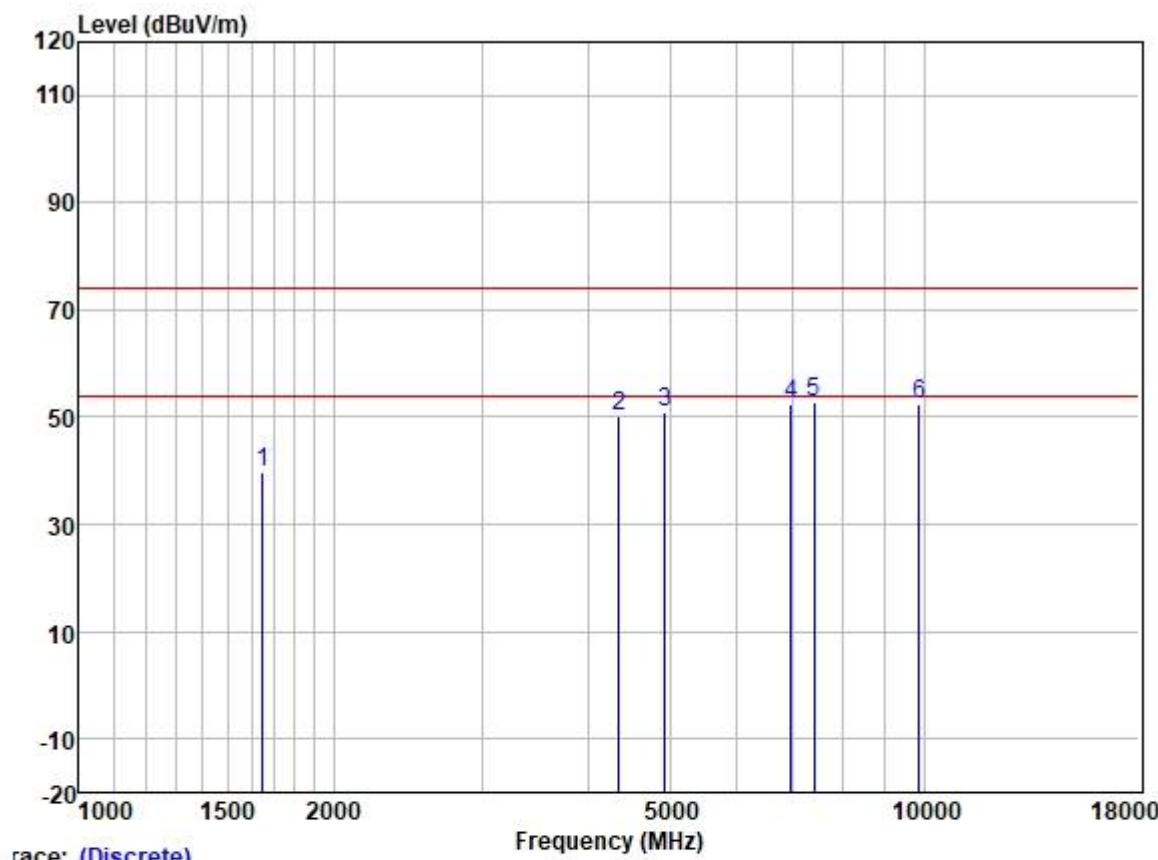
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:12



Freq MHz	ReadAntenna	Cable	Preamp	Limit Line	Over Line	Over Limit	Pol/Phase	Remark
	Freq	Level	Factor					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB
1	1648.778	49.12	25.63	2.80	37.93	39.62	74.00	-34.38 HORIZONTAL Peak
2	4354.454	51.81	30.59	4.68	36.81	50.27	74.00	-23.73 HORIZONTAL Peak
3	4934.000	50.67	31.62	5.60	36.84	51.05	74.00	-22.95 HORIZONTAL Peak
4	6954.852	48.81	34.95	5.81	37.21	52.36	74.00	-21.64 HORIZONTAL Peak
5	7401.000	47.86	36.22	6.20	37.46	52.82	74.00	-21.18 HORIZONTAL Peak
6	9868.000	44.17	38.60	6.98	37.41	52.34	74.00	-21.66 HORIZONTAL Peak

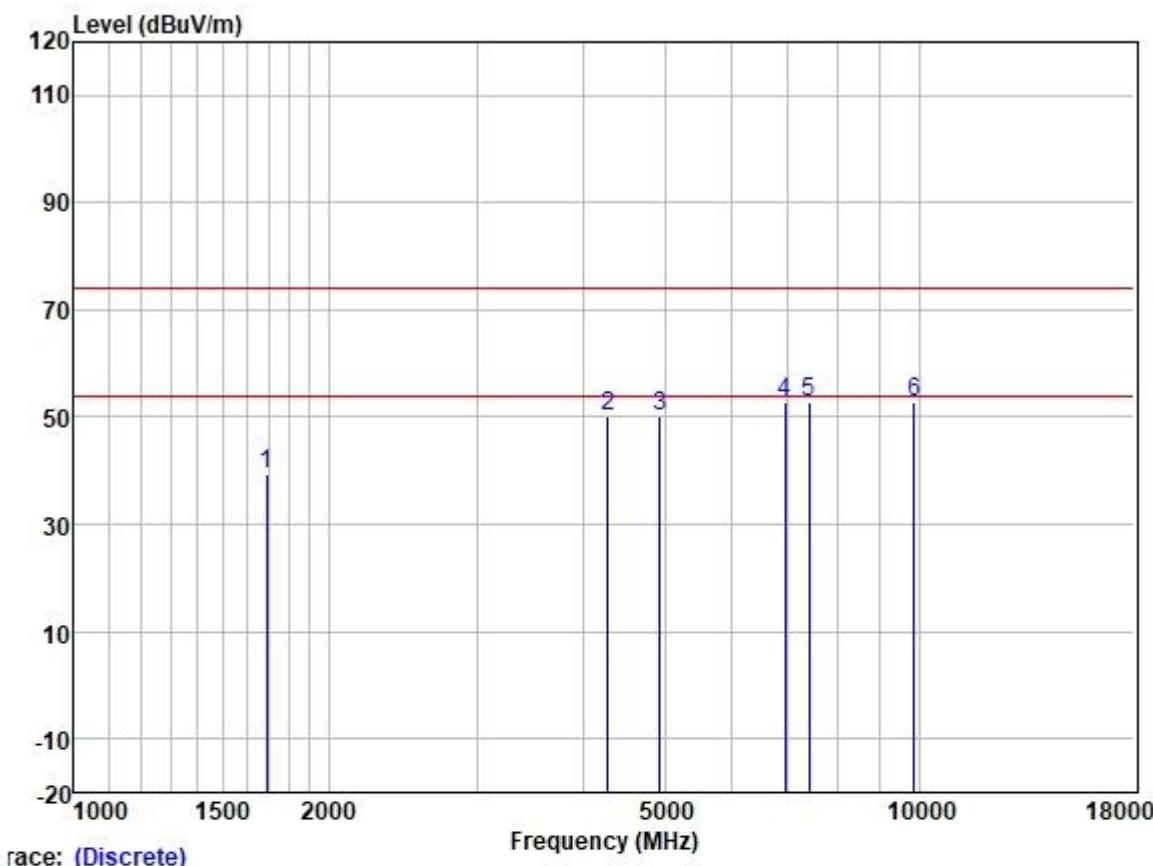
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:12



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	dBuV/m	dBuV/m	dB		
1	1692.231	48.76	25.70	2.80	37.89	39.37	74.00	-34.63	VERTICAL	Peak	
2	4279.589	51.80	30.42	4.63	36.81	50.04	74.00	-23.96	VERTICAL	Peak	
3	4934.000	49.66	31.62	5.60	36.84	50.04	74.00	-23.96	VERTICAL	Peak	
4	6934.778	49.24	34.92	5.81	37.19	52.78	74.00	-21.22	VERTICAL	Peak	
5	7401.000	47.92	36.22	6.20	37.46	52.88	74.00	-21.12	VERTICAL	Peak	
6	9868.000	44.50	38.60	6.98	37.41	52.67	74.00	-21.33	VERTICAL	Peak	

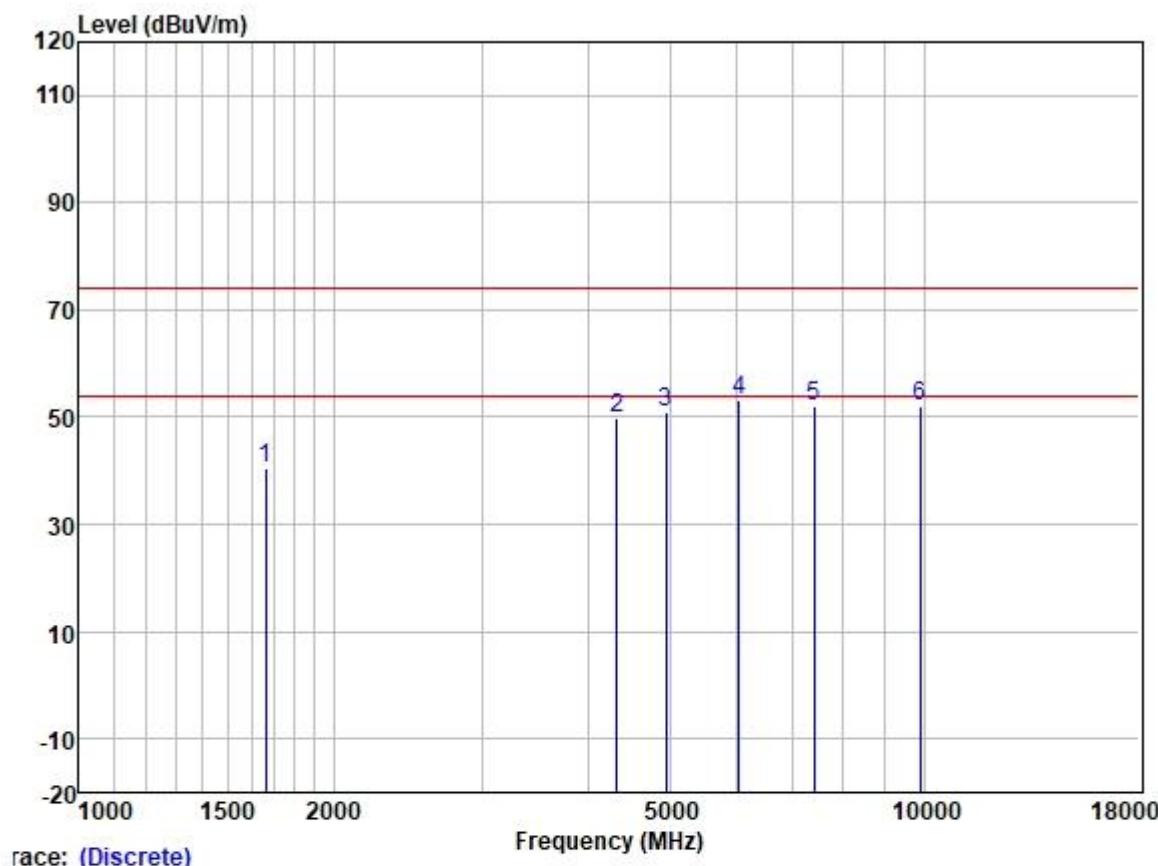
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:13



Race: (Discrete)

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	1663.137	49.79	25.65	2.80	37.91	40.33	74.00	-33.67	HORIZONTAL Peak
2	4329.354	51.47	30.54	4.67	36.81	49.87	74.00	-24.13	HORIZONTAL Peak
3	4944.000	50.42	31.64	5.62	36.84	50.84	74.00	-23.16	HORIZONTAL Peak
4	6036.421	51.23	32.48	6.18	36.90	52.99	74.00	-21.01	HORIZONTAL Peak
5	7416.000	47.10	36.22	6.20	37.47	52.05	74.00	-21.95	HORIZONTAL Peak
6	9888.000	43.89	38.63	6.97	37.41	52.08	74.00	-21.92	HORIZONTAL Peak

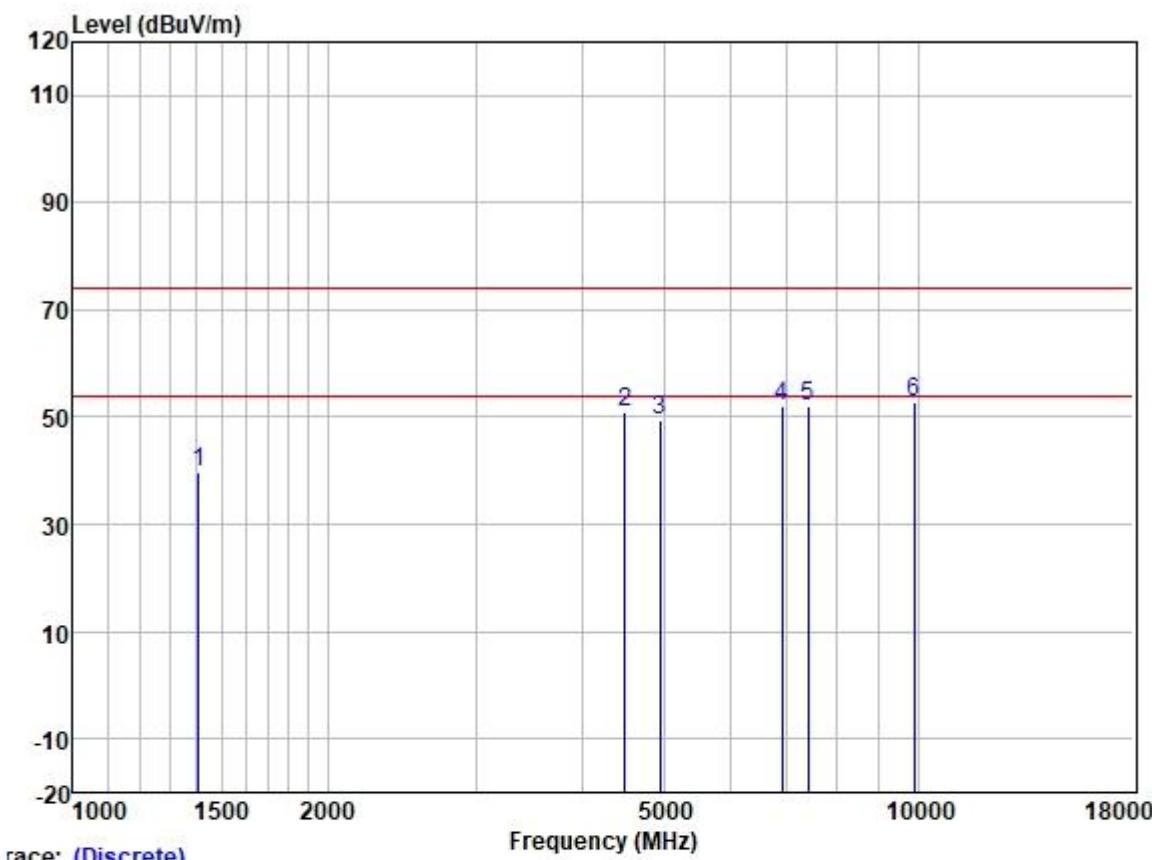
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:13



Line	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
		Freq	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1406.443	49.98	25.40	2.61	38.22	39.77	74.00	-34.23	VERTICAL	Peak	
2	4495.125	51.85	30.80	5.05	36.82	50.88	74.00	-23.12	VERTICAL	Peak	
3	4944.000	49.16	31.64	5.62	36.84	49.58	74.00	-24.42	VERTICAL	Peak	
4	6894.806	48.55	34.85	5.81	37.18	52.03	74.00	-21.97	VERTICAL	Peak	
5	7416.000	47.19	36.22	6.20	37.47	52.14	74.00	-21.86	VERTICAL	Peak	
6	9888.000	44.48	38.63	6.97	37.41	52.67	74.00	-21.33	VERTICAL	Peak	

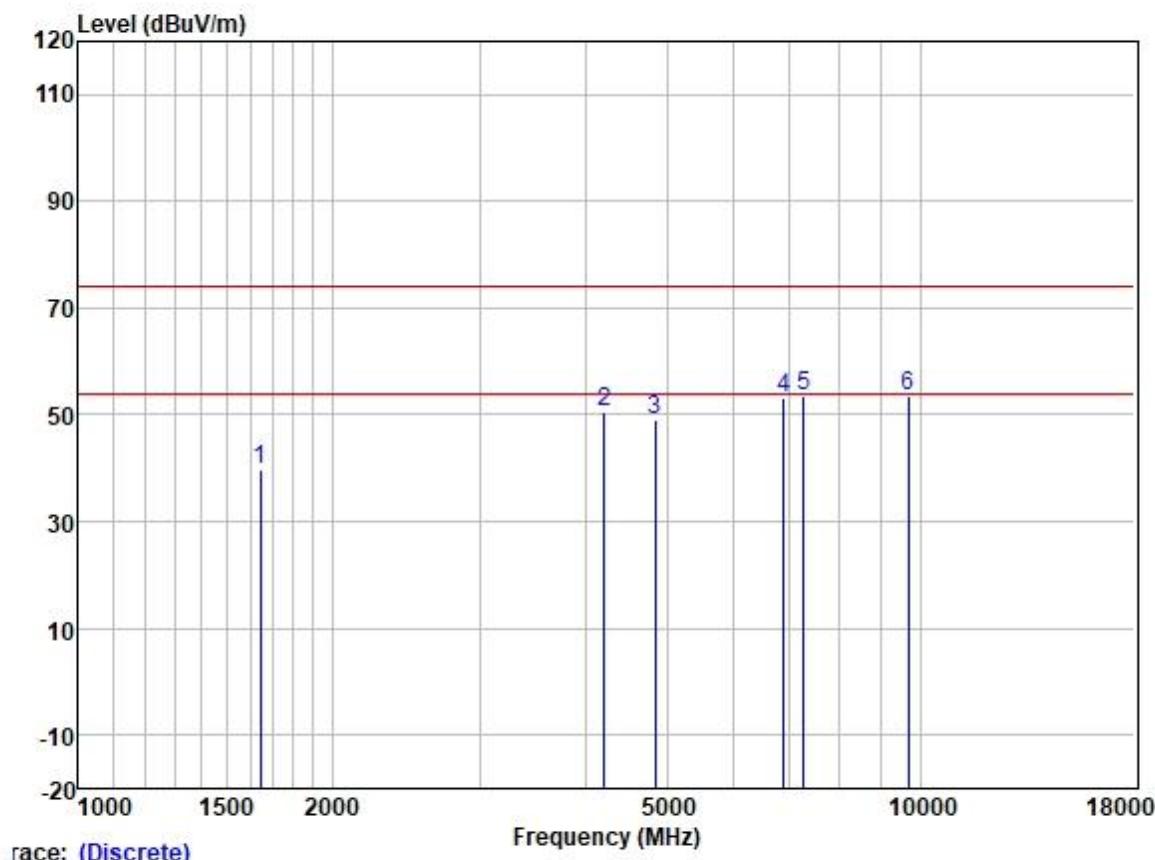
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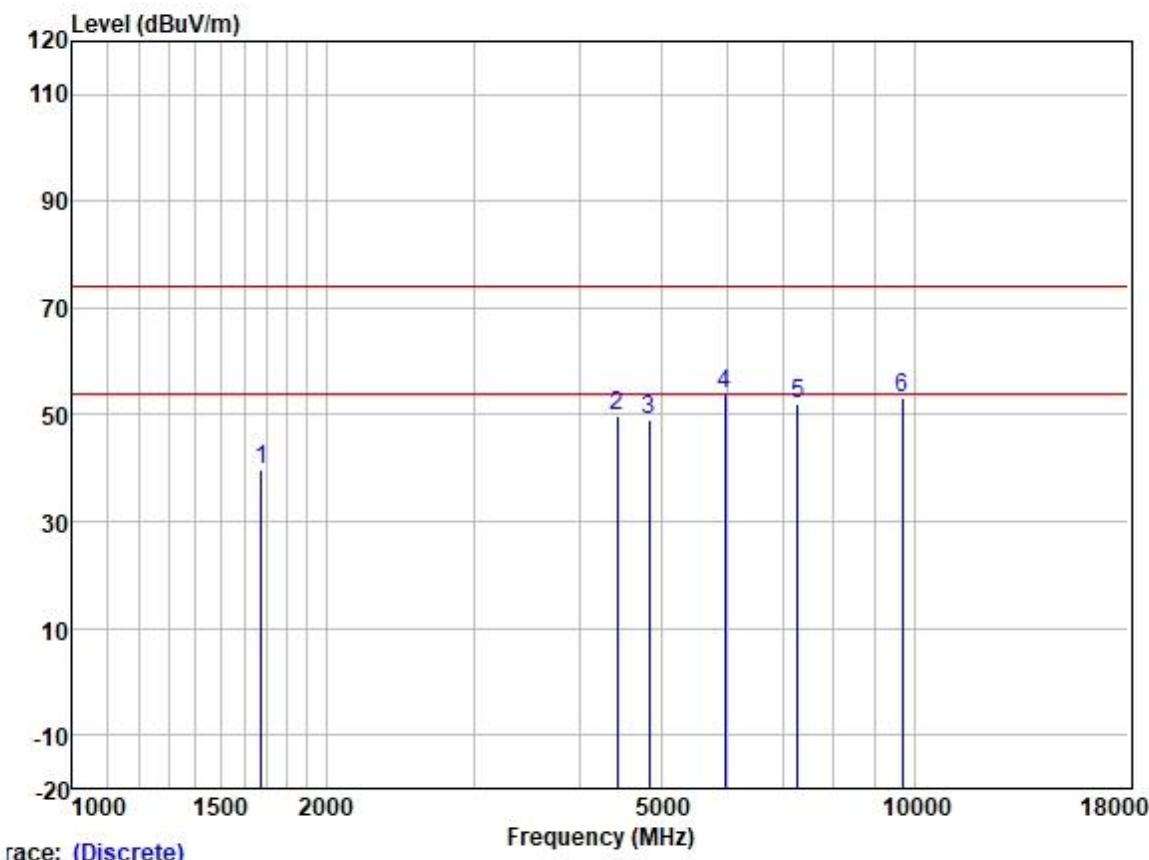
Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1	1677.621	49.16	25.68	2.80	37.91	39.73	74.00	-34.27	VERTICAL	Peak	
2	4443.453	51.19	30.73	4.83	36.81	49.94	74.00	-24.06	VERTICAL	Peak	
3	4844.000	49.09	31.50	5.45	36.84	49.20	74.00	-24.80	VERTICAL	Peak	
4	5949.811	52.26	32.36	6.05	36.90	53.77	74.00	-20.23	VERTICAL	Peak	
5	7266.000	47.72	35.78	6.06	37.41	52.15	74.00	-21.85	VERTICAL	Peak	
6	9688.000	44.94	38.44	7.04	37.42	53.00	74.00	-21.00	VERTICAL	Peak	

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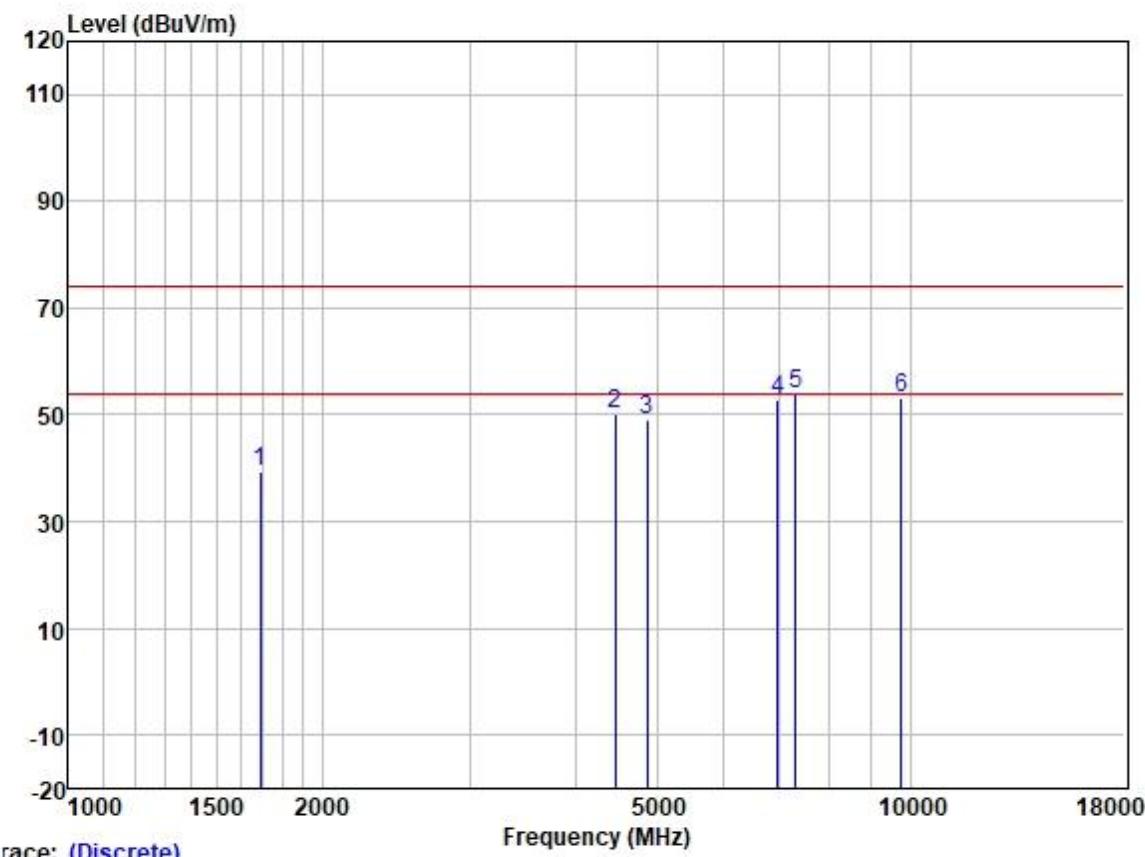
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Factor	dB						
1	1692.231	48.66	25.70	2.80	37.89	39.27	74.00	-34.73	HORIZONTAL	Peak
2	4456.315	51.22	30.75	4.88	36.81	50.04	74.00	-23.96	HORIZONTAL	Peak
3	4874.000	48.95	31.54	5.50	36.84	49.15	74.00	-24.85	HORIZONTAL	Peak
4	6954.852	49.08	34.95	5.81	37.21	52.63	74.00	-21.37	HORIZONTAL	Peak
5	7311.000	49.18	35.93	6.11	37.42	53.80	74.00	-20.20	HORIZONTAL	Peak
6	9748.000	45.05	38.50	7.02	37.41	53.16	74.00	-20.84	HORIZONTAL	Peak

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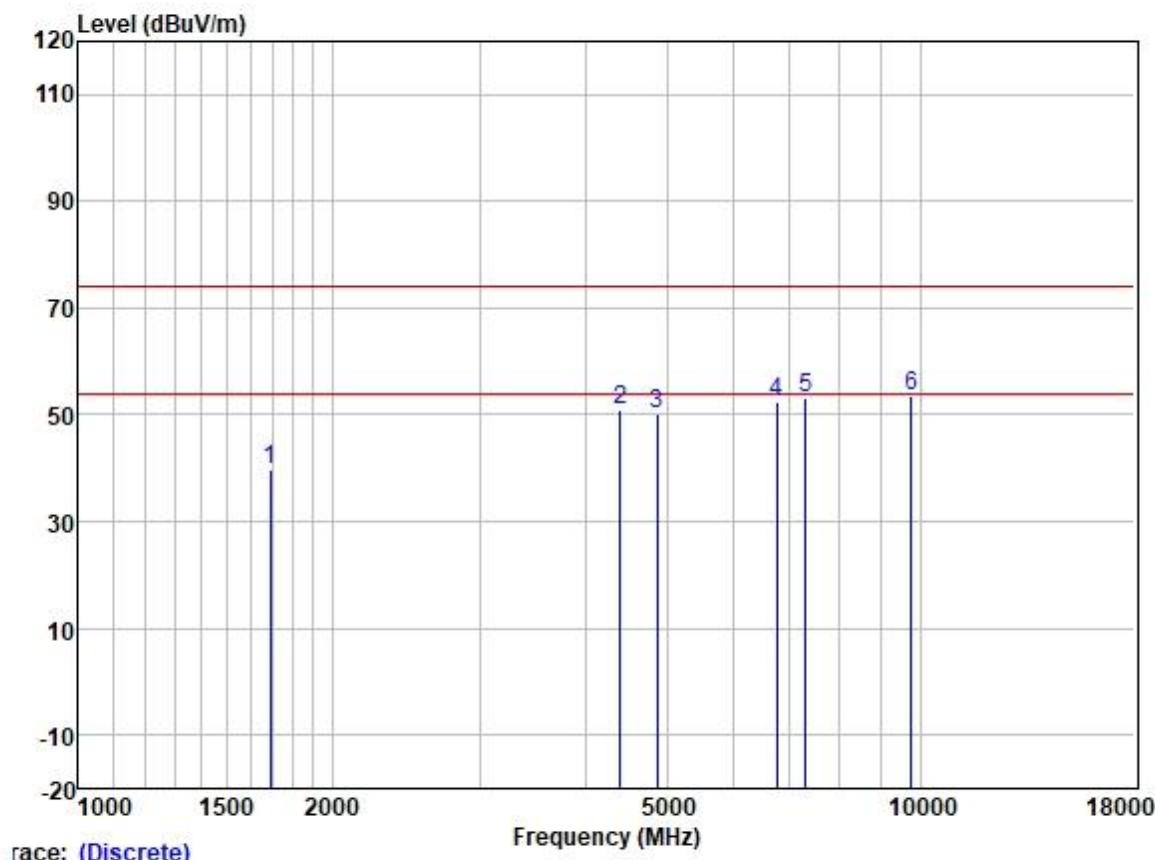
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	Level Factor	dB						
1	1692.231	49.21	25.70	2.80	37.89	39.82	74.00	-34.18	VERTICAL	Peak
2	4405.090	52.30	30.68	4.70	36.81	50.87	74.00	-23.13	VERTICAL	Peak
3	4874.000	49.86	31.54	5.50	36.84	50.06	74.00	-23.94	VERTICAL	Peak
4	6756.708	49.15	34.56	5.82	37.10	52.43	74.00	-21.57	VERTICAL	Peak
5	7311.000	48.67	35.93	6.11	37.42	53.29	74.00	-20.71	VERTICAL	Peak
6	9748.000	45.47	38.50	7.02	37.41	53.58	74.00	-20.42	VERTICAL	Peak

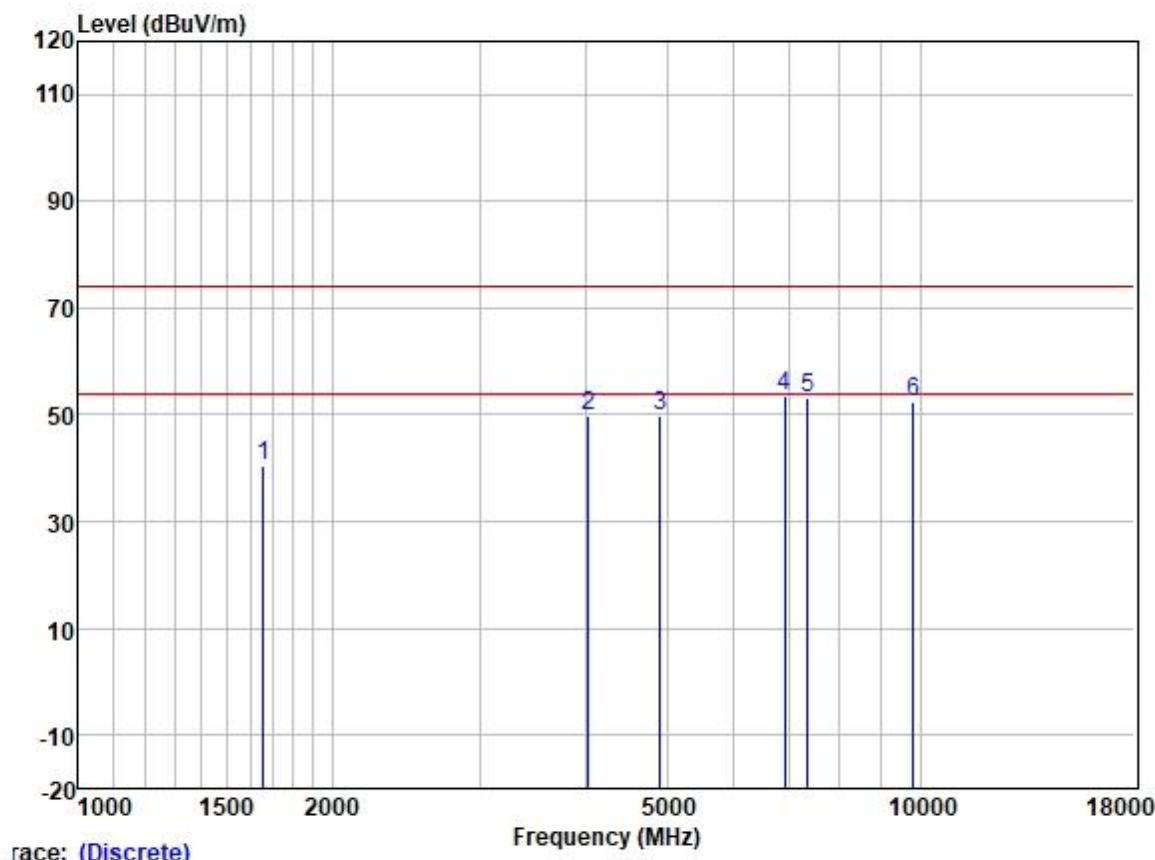
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:9



Race: (Discrete)

Race	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
		Level	Factor	Loss	Factor					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1658.337	49.85	25.65	2.80	37.93	40.37	74.00	-33.63	HORIZONTAL	Peak
2	4039.212	52.26	29.85	4.60	36.80	49.91	74.00	-24.09	HORIZONTAL	Peak
3	4904.000	49.68	31.58	5.55	36.84	49.97	74.00	-24.03	HORIZONTAL	Peak
4	6894.806	49.99	34.85	5.81	37.18	53.47	74.00	-20.53	HORIZONTAL	Peak
5	7356.000	48.44	36.06	6.15	37.44	53.21	74.00	-20.79	HORIZONTAL	Peak
6	9808.000	44.43	38.56	7.00	37.41	52.58	74.00	-21.42	HORIZONTAL	Peak

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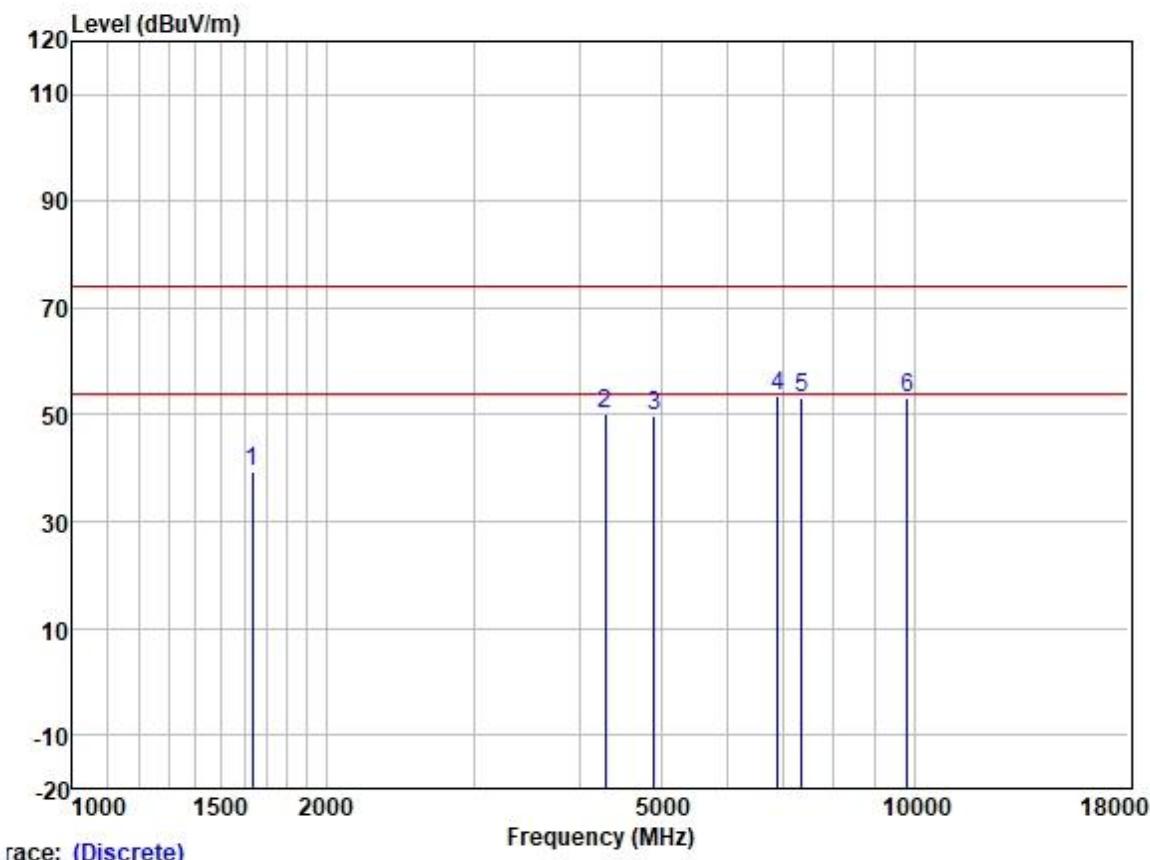


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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:9



Race: (Discrete)

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	1634.543	48.83	25.62	2.80	37.95	39.30	74.00	-34.70	VERTICAL	Peak
2	4291.977	51.96	30.45	4.64	36.81	50.24	74.00	-23.76	VERTICAL	Peak
3	4904.000	49.44	31.58	5.55	36.84	49.73	74.00	-24.27	VERTICAL	Peak
4	6874.906	50.05	34.82	5.82	37.16	53.53	74.00	-20.47	VERTICAL	Peak
5	7356.000	48.53	36.06	6.15	37.44	53.30	74.00	-20.70	VERTICAL	Peak
6	9808.000	44.85	38.56	7.00	37.41	53.00	74.00	-21.00	VERTICAL	Peak

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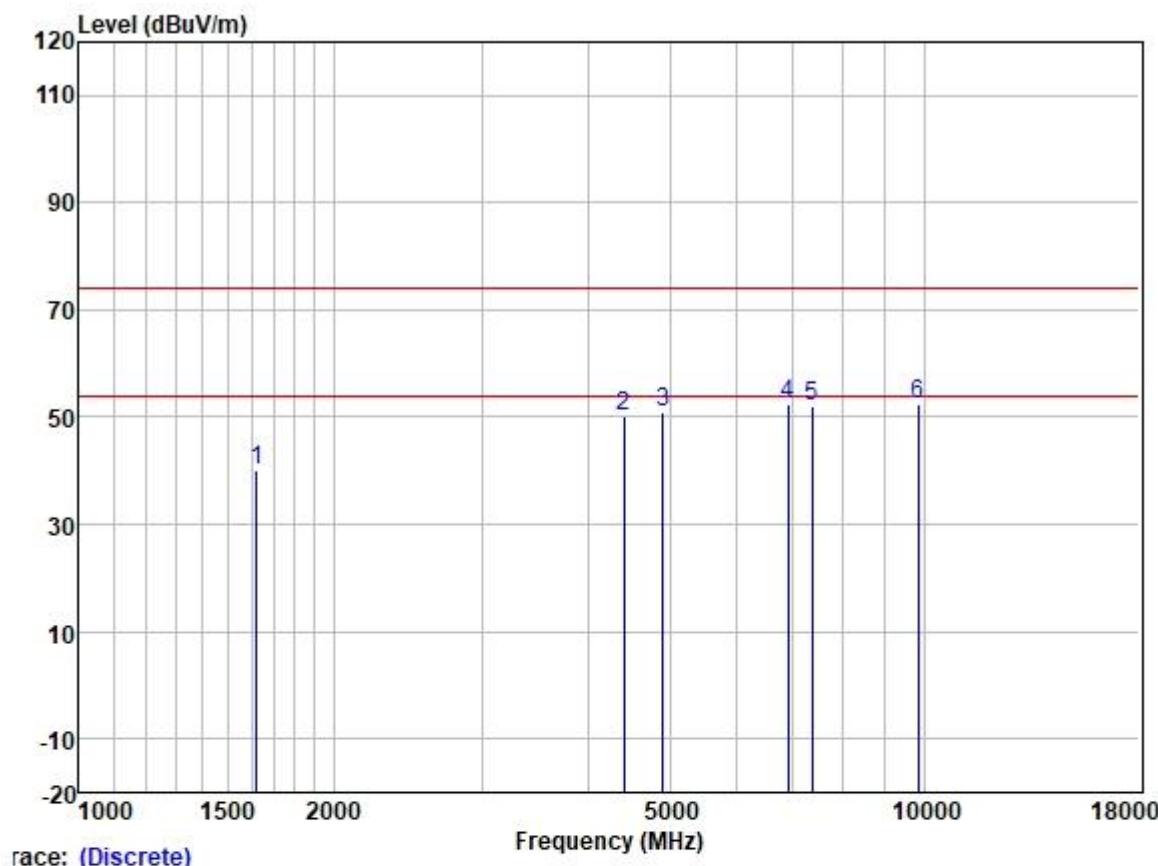


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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:10



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1620.431	49.82	25.60	2.80	37.95	40.27	74.00	-33.73	HORIZONTAL	Peak
2	4417.841	51.67	30.70	4.74	36.81	50.30	74.00	-23.70	HORIZONTAL	Peak
3	4914.000	50.58	31.60	5.58	36.84	50.92	74.00	-23.08	HORIZONTAL	Peak
4	6894.806	48.84	34.85	5.81	37.18	52.32	74.00	-21.68	HORIZONTAL	Peak
5	7371.000	47.18	36.12	6.17	37.45	52.02	74.00	-21.98	HORIZONTAL	Peak
6	9828.000	44.38	38.58	6.99	37.41	52.54	74.00	-21.46	HORIZONTAL	Peak

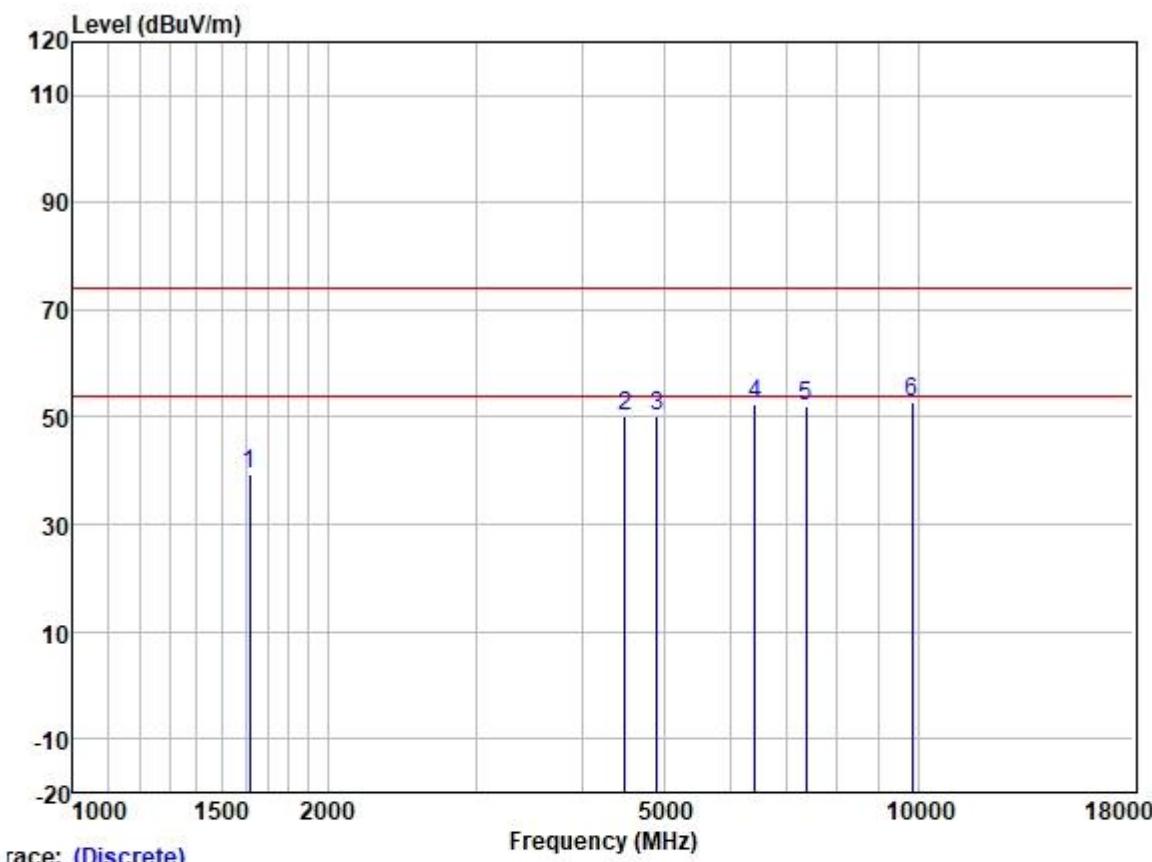
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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:10



Line	Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
		Freq	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1615.754	49.05	25.60	2.80	37.95	39.50	74.00	-34.50	VERTICAL	Peak	
2	4495.125	51.33	30.80	5.05	36.82	50.36	74.00	-23.64	VERTICAL	Peak	
3	4914.000	49.97	31.60	5.58	36.84	50.31	74.00	-23.69	VERTICAL	Peak	
4	6414.167	49.63	33.79	5.89	36.99	52.32	74.00	-21.68	VERTICAL	Peak	
5	7371.000	47.26	36.12	6.17	37.45	52.10	74.00	-21.90	VERTICAL	Peak	
6	9828.000	44.51	38.58	6.99	37.41	52.67	74.00	-21.33	VERTICAL	Peak	

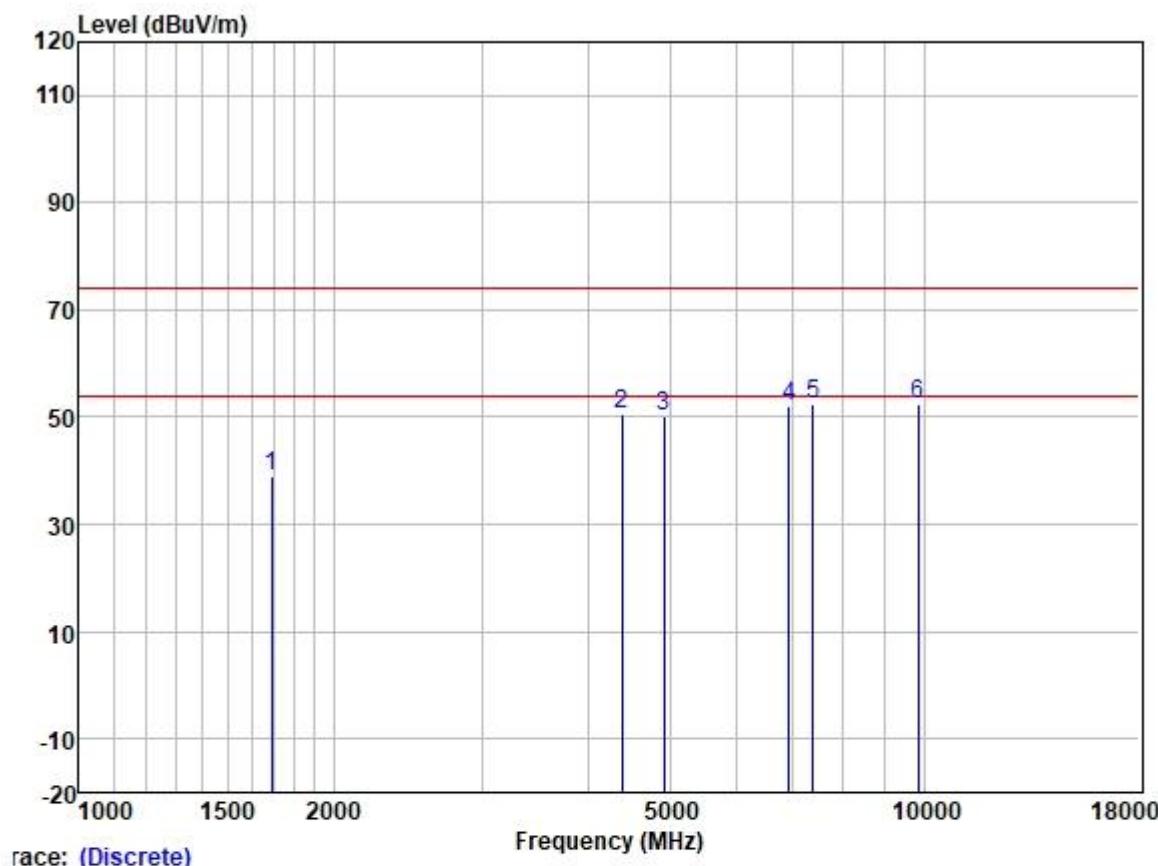
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:11



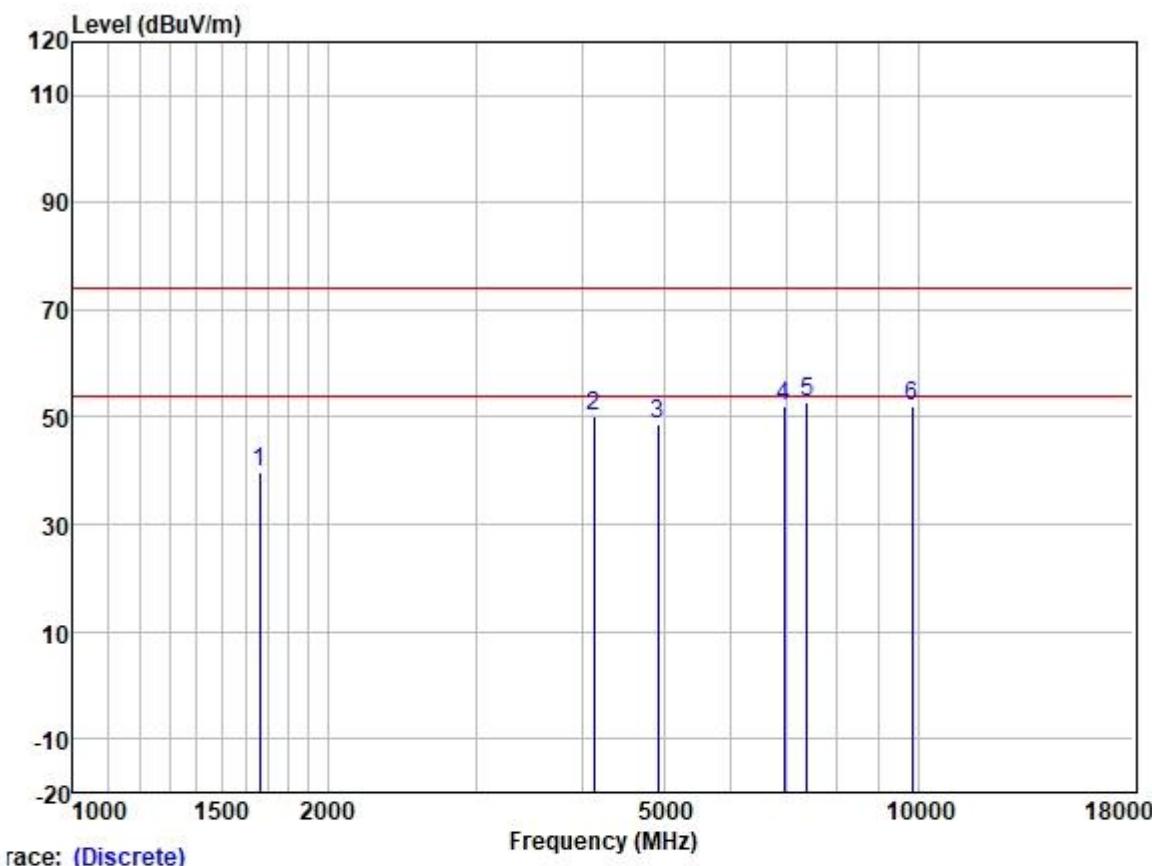
Freq	ReadAntenna		Cable		Preamp		Limit	Over		Remark
	Level	Factor	Loss	Factor	Level	Line		Limit	Pol/Phase	
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1 1692.231	48.42	25.70	2.80	37.89	39.03	74.00	-34.97	HORIZONTAL	Peak	
2 4392.376	52.10	30.66	4.70	36.81	50.65	74.00	-23.35	HORIZONTAL	Peak	
3 4924.000	49.65	31.62	5.60	36.84	50.03	74.00	-23.97	HORIZONTAL	Peak	
4 6914.763	48.64	34.89	5.81	37.19	52.15	74.00	-21.85	HORIZONTAL	Peak	
5 7386.000	47.46	36.17	6.19	37.45	52.37	74.00	-21.63	HORIZONTAL	Peak	
6 9848.000	44.26	38.58	6.99	37.41	52.42	74.00	-21.58	HORIZONTAL	Peak	

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Test Mode: 13; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:11



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss Factor	Level	Limit Line	Over Limit	Over Line	Pol/Phase	Remark
	MHz	dBuV	Level Factor	dB							
1	1663.137	49.23	25.65	2.80	37.91	39.77	74.00	-34.23	VERTICAL	Peak	
2	4133.699	52.51	30.01	4.60	36.80	50.32	74.00	-23.68	VERTICAL	Peak	
3	4924.000	48.42	31.62	5.60	36.84	48.80	74.00	-25.20	VERTICAL	Peak	
4	6934.778	48.54	34.92	5.81	37.19	52.08	74.00	-21.92	VERTICAL	Peak	
5	7386.000	47.94	36.17	6.19	37.45	52.85	74.00	-21.15	VERTICAL	Peak	
6	9848.000	43.85	38.58	6.99	37.41	52.01	74.00	-21.99	VERTICAL	Peak	

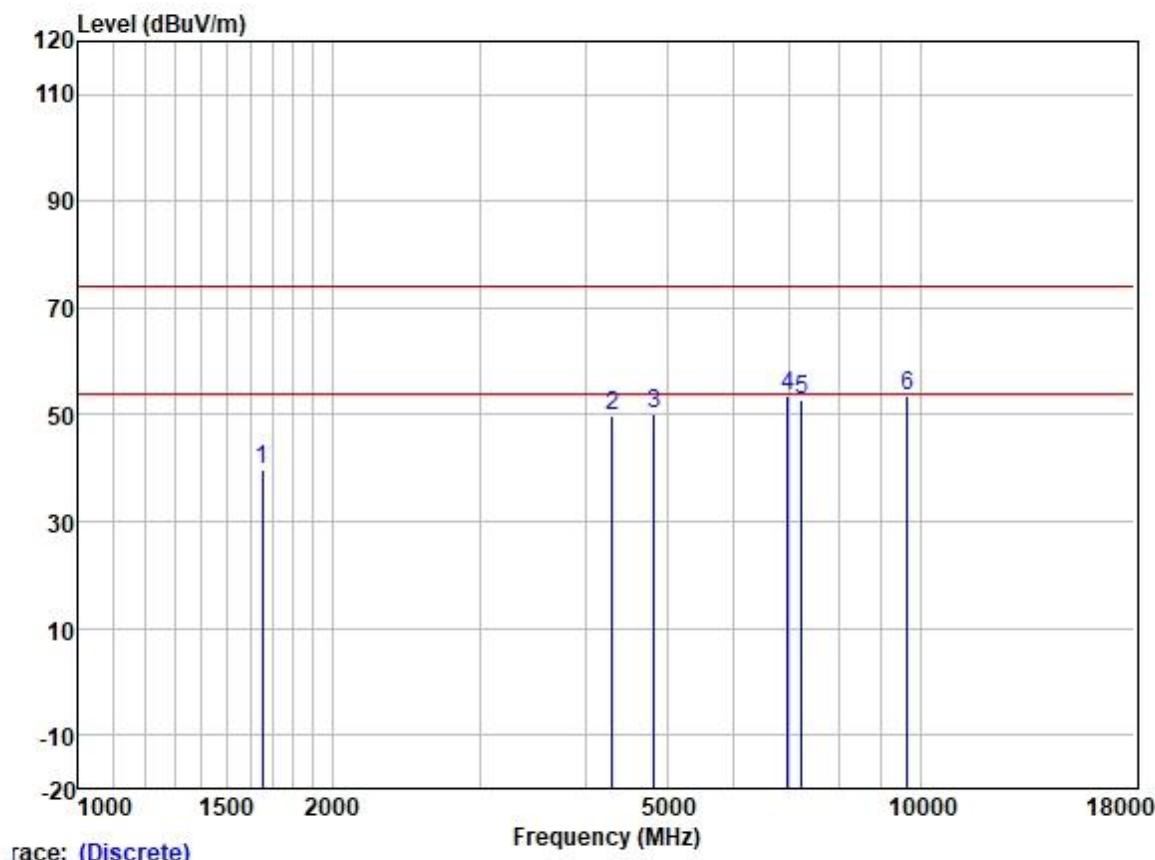
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss							
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1	1653.550	49.40	25.64	2.80	37.93	39.91	74.00	-34.09	HORIZONTAL	Peak	
2	4304.400	51.46	30.48	4.65	36.81	49.78	74.00	-24.22	HORIZONTAL	Peak	
3	4824.000	50.03	31.45	5.42	36.83	50.07	74.00	-23.93	HORIZONTAL	Peak	
4	6954.852	50.04	34.95	5.81	37.21	53.59	74.00	-20.41	HORIZONTAL	Peak	
5	7236.000	48.35	35.70	6.03	37.39	52.69	74.00	-21.31	HORIZONTAL	Peak	
6	9648.000	45.68	38.40	7.06	37.42	53.72	74.00	-20.28	HORIZONTAL	Peak	

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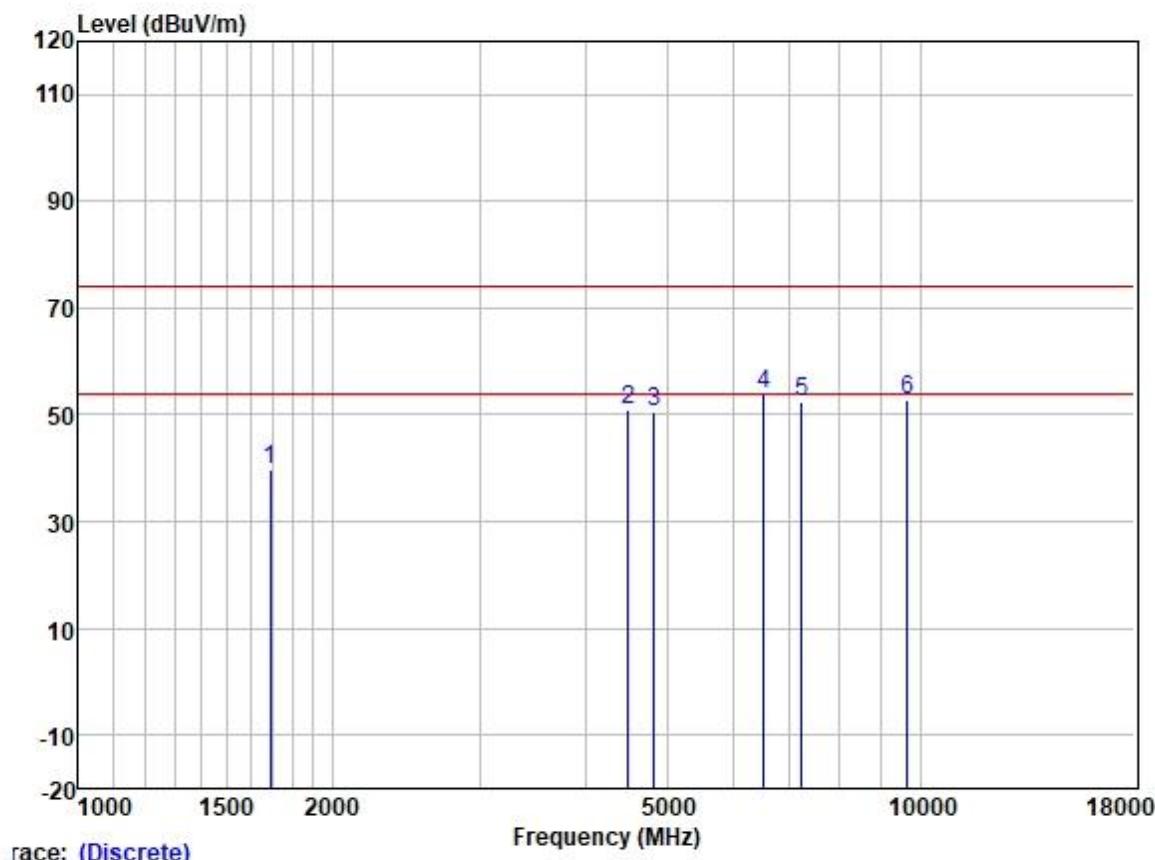
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



Race: (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	1692.231	49.22	25.70	2.80	37.89	39.83	74.00	-34.17	VERTICAL	Peak	
2	4495.125	51.72	30.80	5.05	36.82	50.75	74.00	-23.25	VERTICAL	Peak	
3	4824.000	50.37	31.45	5.42	36.83	50.41	74.00	-23.59	VERTICAL	Peak	
4	6526.373	50.92	34.03	5.84	37.02	53.77	74.00	-20.23	VERTICAL	Peak	
5	7236.000	48.24	35.70	6.03	37.39	52.58	74.00	-21.42	VERTICAL	Peak	
6	9648.000	44.81	38.40	7.06	37.42	52.85	74.00	-21.15	VERTICAL	Peak	

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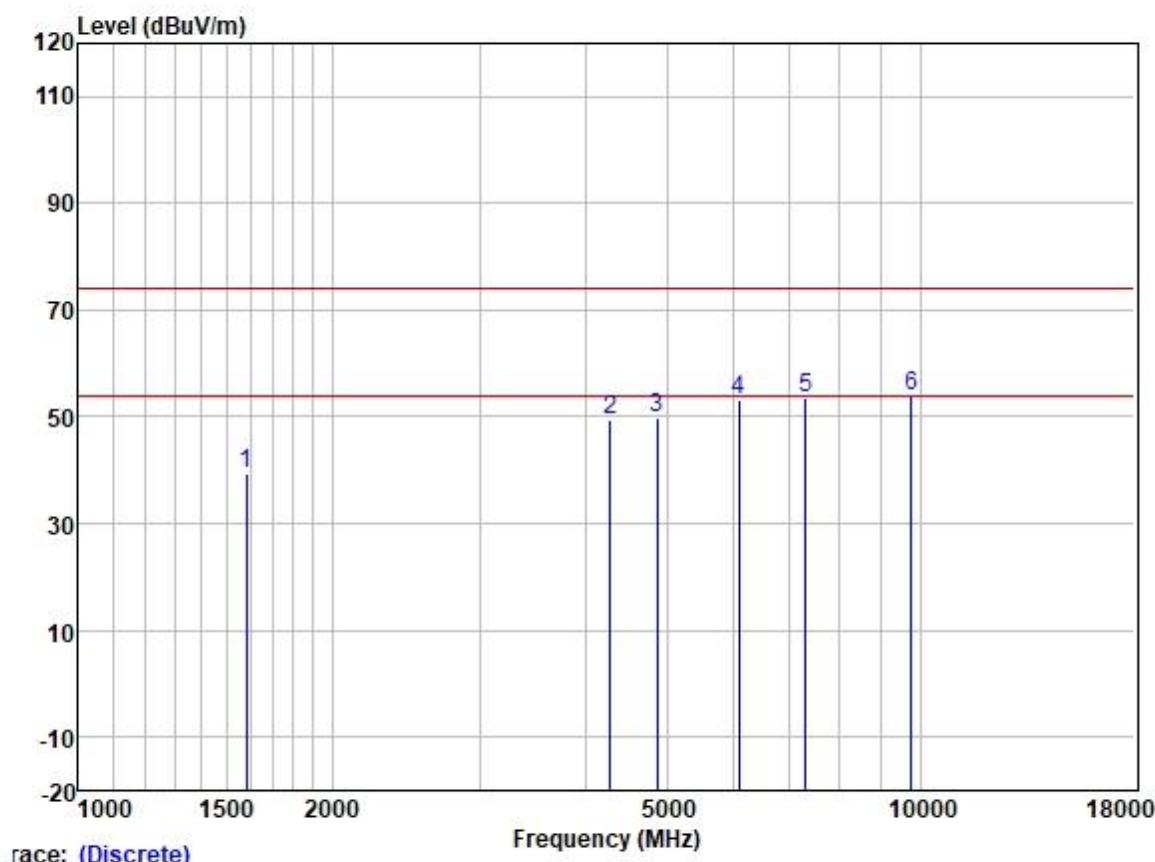
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

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 1583.392	49.04	25.56	2.80	38.00	39.40	74.00	-34.60	HORIZONTAL	Peak		
2 4279.589	51.35	30.42	4.63	36.81	49.59	74.00	-24.41	HORIZONTAL	Peak		
3 4874.000	49.54	31.54	5.50	36.84	49.74	74.00	-24.26	HORIZONTAL	Peak		
4 6088.991	51.49	32.61	6.15	36.92	53.33	74.00	-20.67	HORIZONTAL	Peak		
5 7311.000	48.82	35.93	6.11	37.42	53.44	74.00	-20.56	HORIZONTAL	Peak		
6 9748.000	45.87	38.50	7.02	37.41	53.98	74.00	-20.02	HORIZONTAL	Peak		

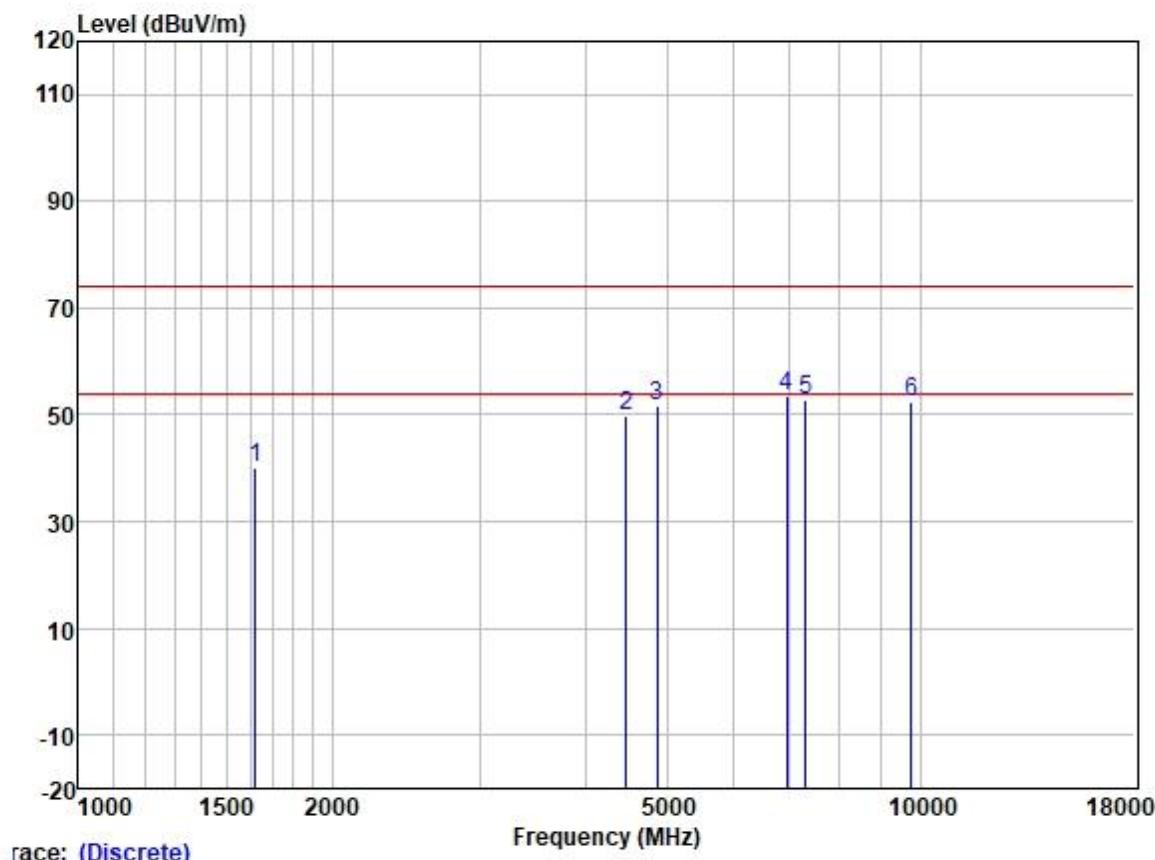
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor					
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 1620.431	49.49	25.60	2.80	37.95	39.94	74.00	-34.06	VERTICAL	Peak
2 4469.214	51.08	30.77	4.93	36.81	49.97	74.00	-24.03	VERTICAL	Peak
3 4874.000	51.44	31.54	5.50	36.84	51.64	74.00	-22.36	VERTICAL	Peak
4 6934.778	49.98	34.92	5.81	37.19	53.52	74.00	-20.48	VERTICAL	Peak
5 7311.000	48.07	35.93	6.11	37.42	52.69	74.00	-21.31	VERTICAL	Peak
6 9748.000	44.16	38.50	7.02	37.41	52.27	74.00	-21.73	VERTICAL	Peak

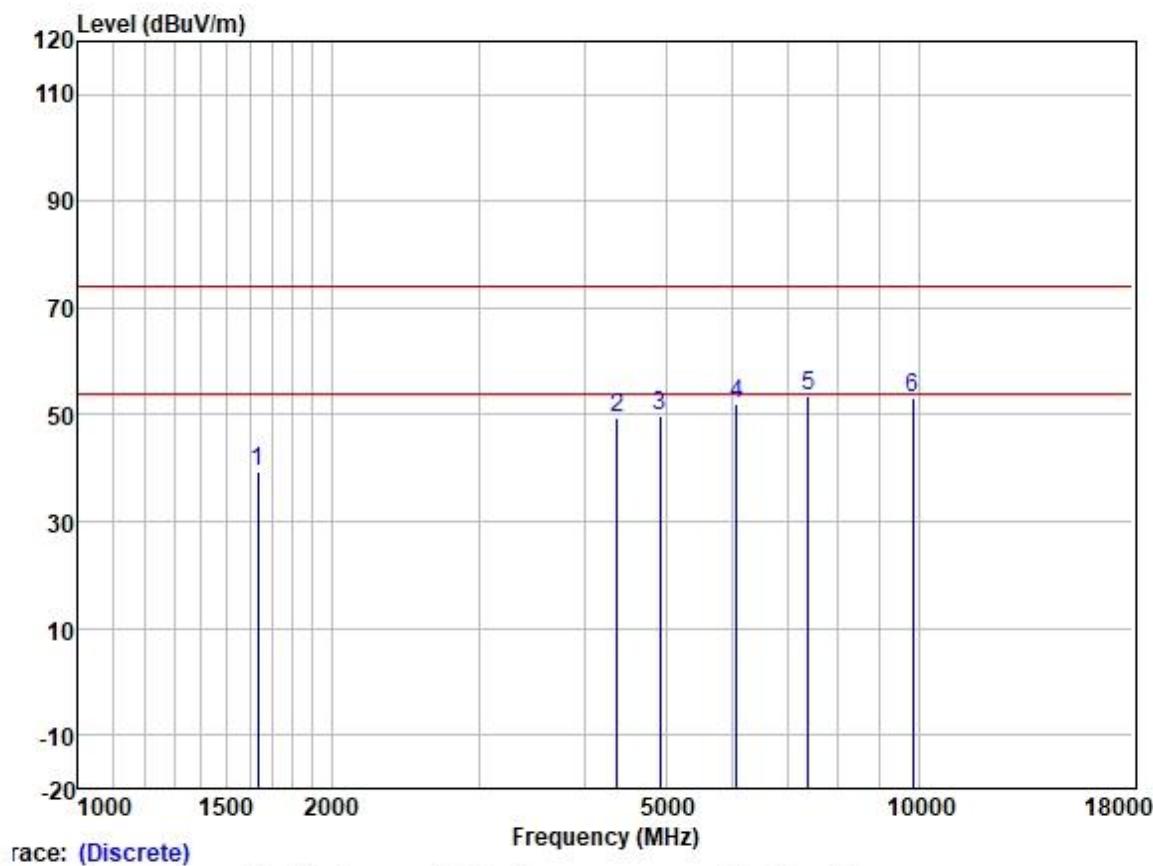
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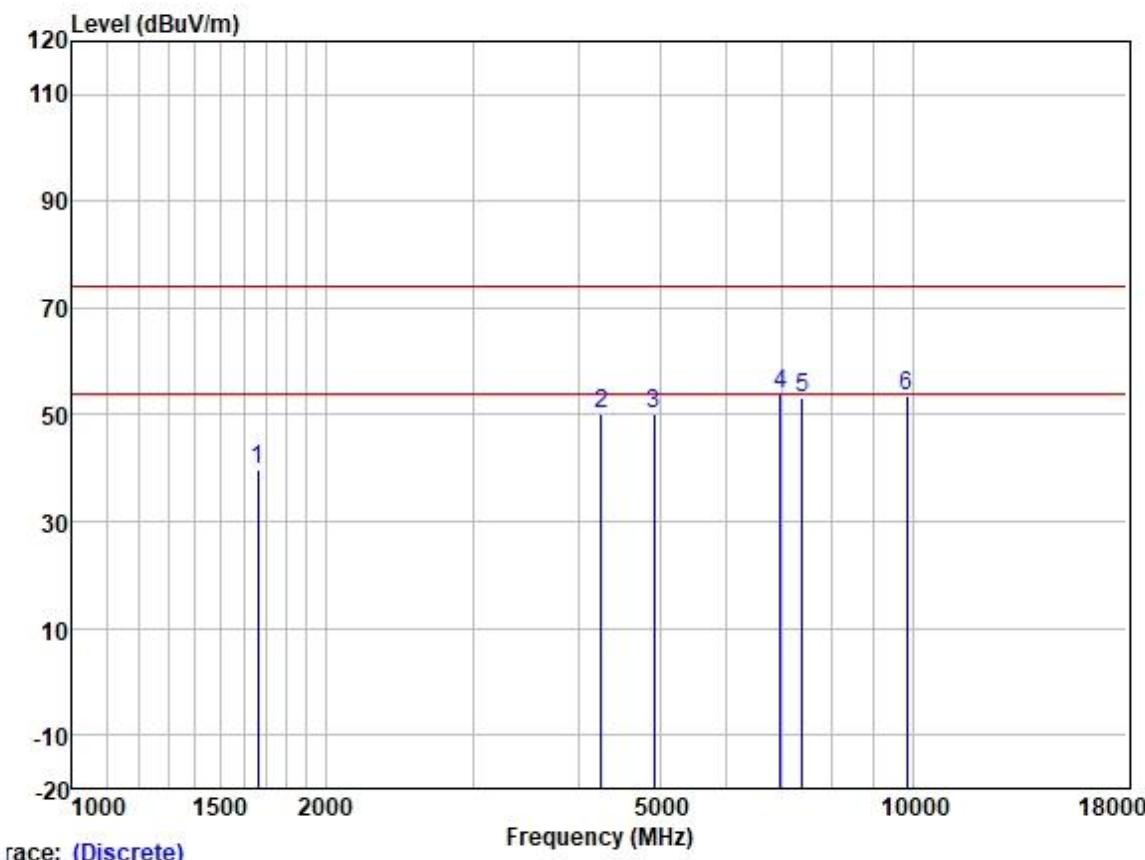
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:11



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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:11



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp Loss	Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB							
1	1663.137	49.16	25.65	2.80	37.91	39.70	74.00	-34.30	VERTICAL	Peak	
2	4254.921	52.11	30.34	4.62	36.81	50.26	74.00	-23.74	VERTICAL	Peak	
3	4924.000	49.85	31.62	5.60	36.84	50.23	74.00	-23.77	VERTICAL	Peak	
4	6954.852	50.24	34.95	5.81	37.21	53.79	74.00	-20.21	VERTICAL	Peak	
5	7386.000	48.26	36.17	6.19	37.45	53.17	74.00	-20.83	VERTICAL	Peak	
6	9848.000	45.50	38.58	6.99	37.41	53.66	74.00	-20.34	VERTICAL	Peak	

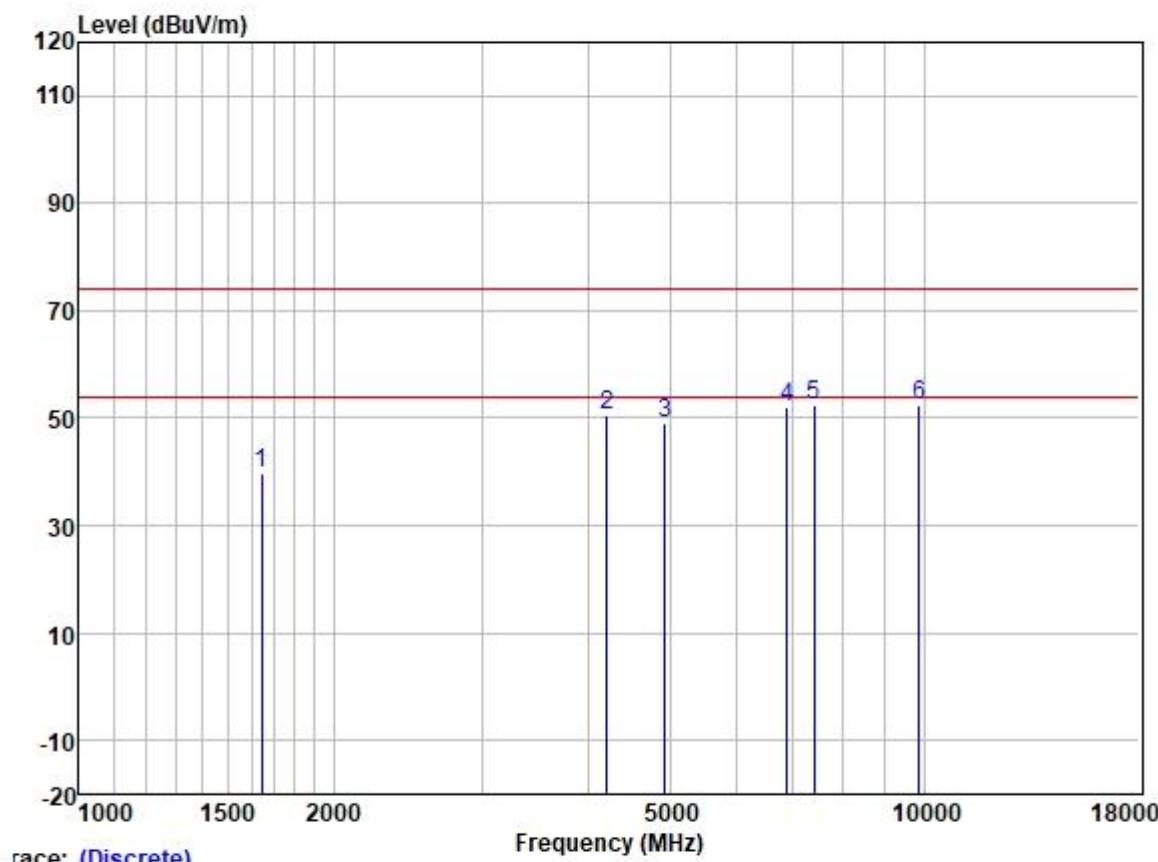
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:12



	Freq	ReadAntenna Level	Factor	Cable Loss	Factor	Preamp Level	dBuV/m	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1	1644.019	49.06	25.63	2.80	37.93	39.56	74.00	-34.44	HORIZONTAL	Peak	
2	4218.186	52.38	30.22	4.60	36.81	50.39	74.00	-23.61	HORIZONTAL	Peak	
3	4934.000	48.70	31.62	5.60	36.84	49.08	74.00	-24.92	HORIZONTAL	Peak	
4	6874.906	48.70	34.82	5.82	37.16	52.18	74.00	-21.82	HORIZONTAL	Peak	
5	7401.000	47.43	36.22	6.20	37.46	52.39	74.00	-21.61	HORIZONTAL	Peak	
6	9868.000	44.21	38.60	6.98	37.41	52.38	74.00	-21.62	HORIZONTAL	Peak	

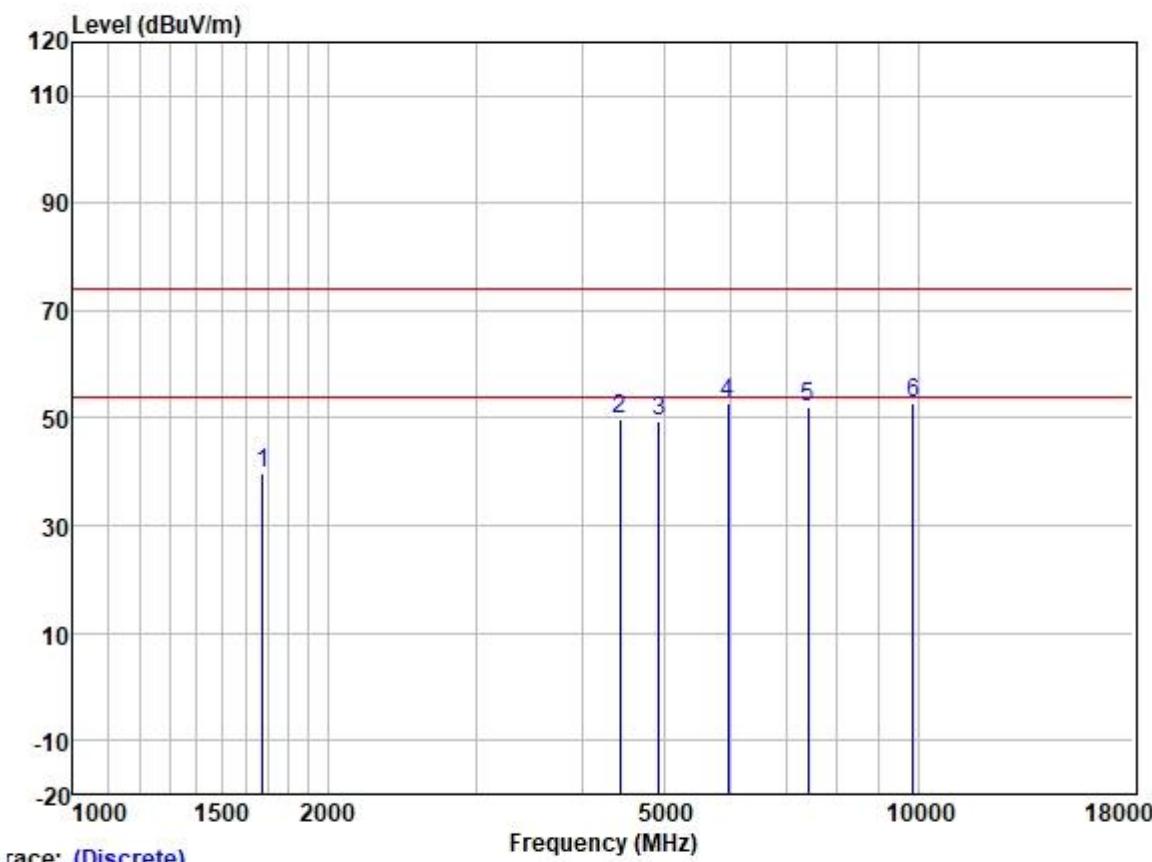
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:12



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1677.621	49.16	25.68	2.80	37.91	39.73	74.00	-34.27	VERTICAL	Peak
2	4443.453	51.19	30.73	4.83	36.81	49.94	74.00	-24.06	VERTICAL	Peak
3	4934.000	48.89	31.62	5.60	36.84	49.27	74.00	-24.73	VERTICAL	Peak
4	5949.811	51.26	32.36	6.05	36.90	52.77	74.00	-21.23	VERTICAL	Peak
5	7401.000	47.05	36.22	6.20	37.46	52.01	74.00	-21.99	VERTICAL	Peak
6	9868.000	44.68	38.60	6.98	37.41	52.85	74.00	-21.15	VERTICAL	Peak

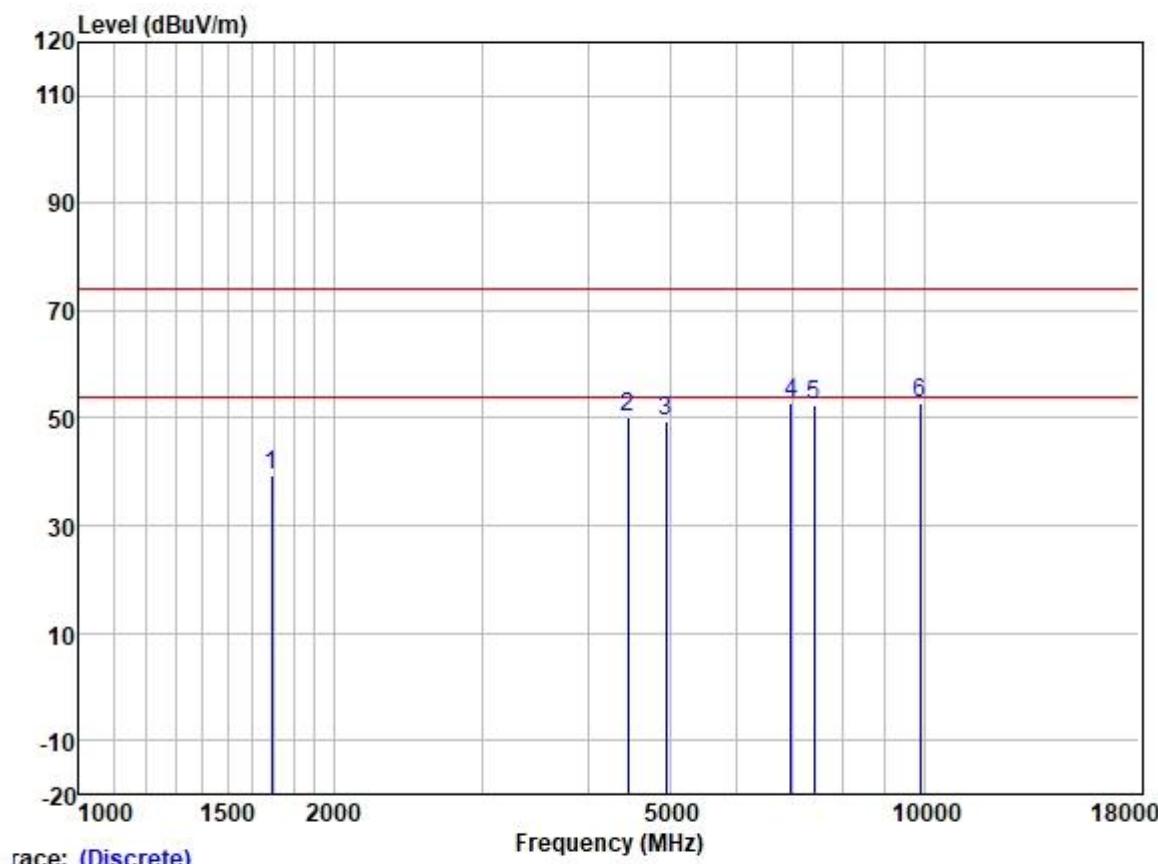
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:13



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor						
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	dB		
1 1692.231	48.66	25.70	2.80	37.89	39.27	74.00	-34.73	HORIZONTAL	Peak	
2 4456.315	51.22	30.75	4.88	36.81	50.04	74.00	-23.96	HORIZONTAL	Peak	
3 4944.000	48.98	31.64	5.62	36.84	49.40	74.00	-24.60	HORIZONTAL	Peak	
4 6954.852	49.08	34.95	5.81	37.21	52.63	74.00	-21.37	HORIZONTAL	Peak	
5 7416.000	47.34	36.22	6.20	37.47	52.29	74.00	-21.71	HORIZONTAL	Peak	
6 9888.000	44.61	38.63	6.97	37.41	52.80	74.00	-21.20	HORIZONTAL	Peak	

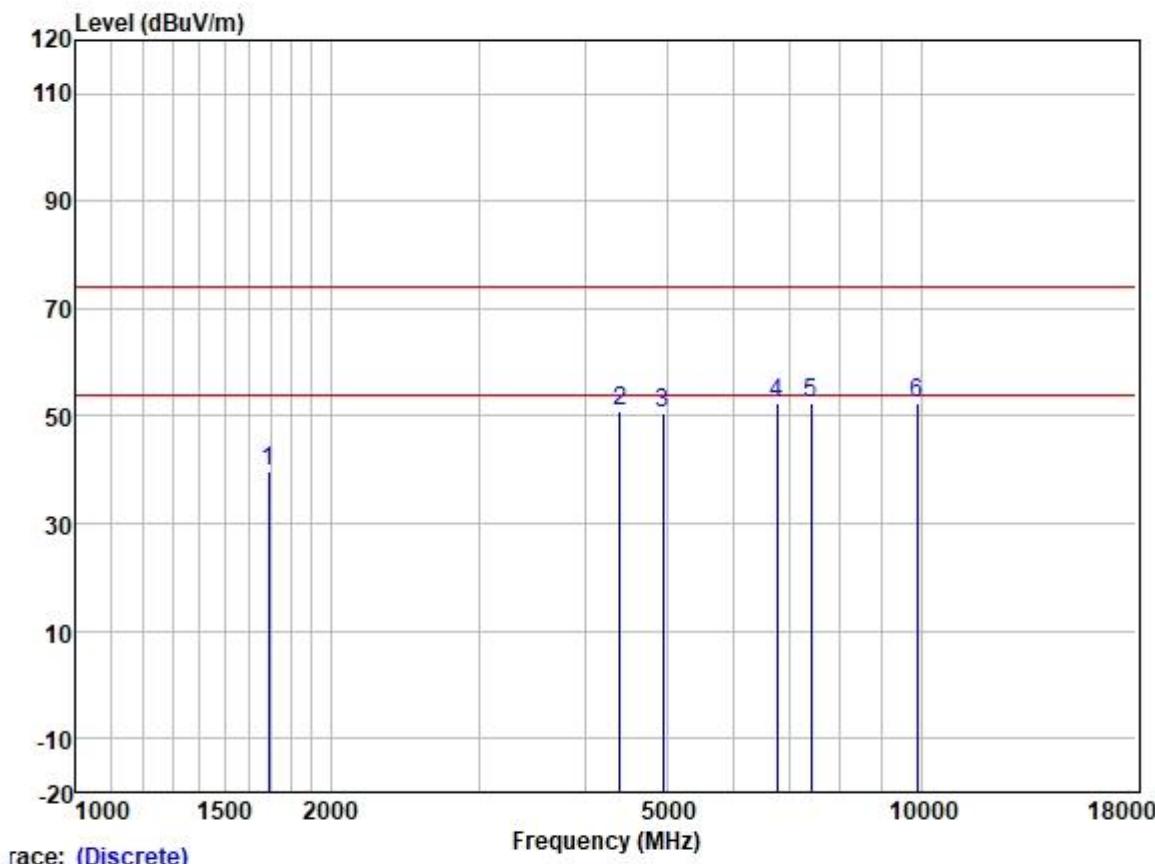
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:13



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss						
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1692.231	49.21	25.70	2.80	37.89	39.82	74.00	-34.18	VERTICAL	Peak
2	4405.090	52.30	30.68	4.70	36.81	50.87	74.00	-23.13	VERTICAL	Peak
3	4944.000	50.16	31.64	5.62	36.84	50.58	74.00	-23.42	VERTICAL	Peak
4	6756.708	49.15	34.56	5.82	37.10	52.43	74.00	-21.57	VERTICAL	Peak
5	7416.000	47.29	36.22	6.20	37.47	52.24	74.00	-21.76	VERTICAL	Peak
6	9888.000	44.06	38.63	6.97	37.41	52.25	74.00	-21.75	VERTICAL	Peak

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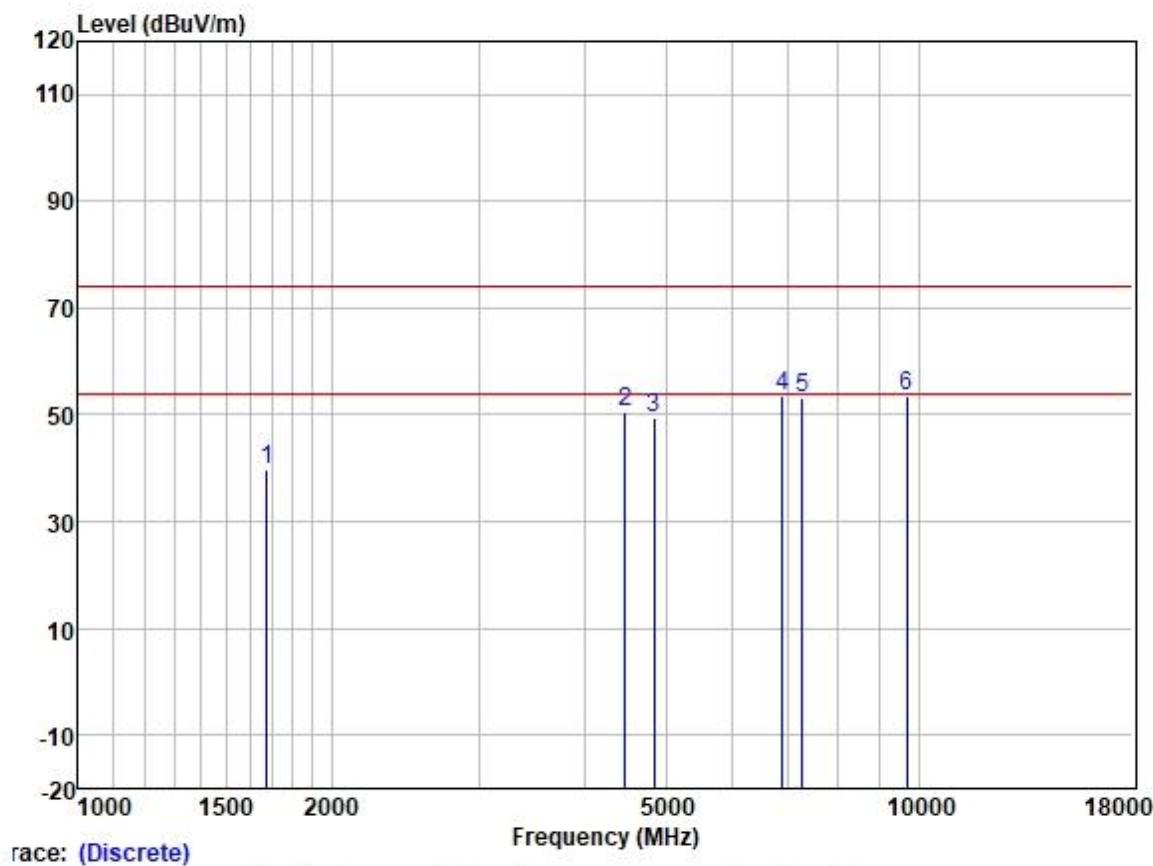
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



Race: (Discrete)	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	Freq	Level	Factor	Loss	Factor	Level				
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1677.621	49.26	25.68	2.80	37.91	39.83	74.00	-34.17	HORIZONTAL	Peak
2	4469.214	51.49	30.77	4.93	36.81	50.38	74.00	-23.62	HORIZONTAL	Peak
3	4844.000	49.33	31.50	5.45	36.84	49.44	74.00	-24.56	HORIZONTAL	Peak
4	6874.906	49.95	34.82	5.82	37.16	53.43	74.00	-20.57	HORIZONTAL	Peak
5	7266.000	48.72	35.78	6.06	37.41	53.15	74.00	-20.85	HORIZONTAL	Peak
6	9688.000	45.40	38.44	7.04	37.42	53.46	74.00	-20.54	HORIZONTAL	Peak

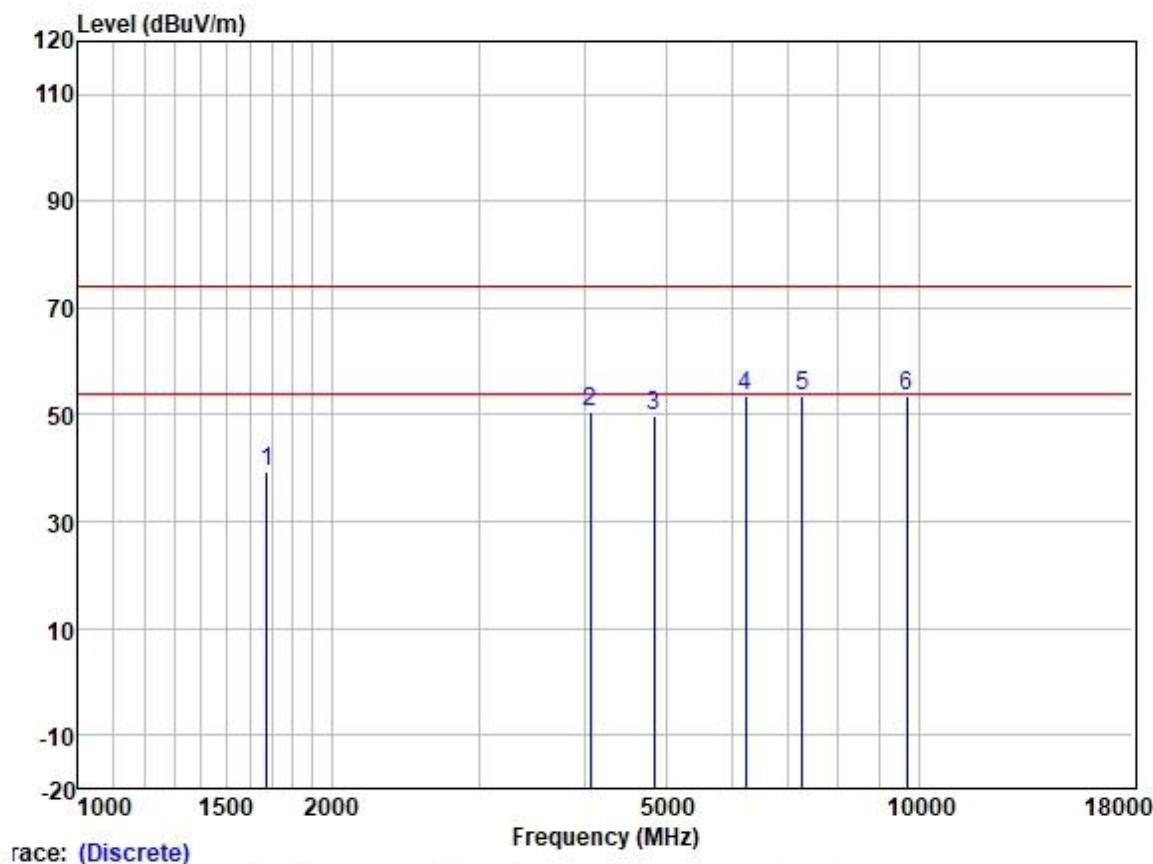
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



Freq	ReadAntenna		Cable		Preamp		Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1677.621	48.86	25.68	2.80	37.91	39.43	74.00	-34.57	VERTICAL	Peak
2	4062.629	52.97	29.88	4.60	36.80	50.65	74.00	-23.35	VERTICAL	Peak
3	4844.000	49.87	31.50	5.45	36.84	49.98	74.00	-24.02	VERTICAL	Peak
4	6231.427	51.52	33.11	6.04	36.94	53.73	74.00	-20.27	VERTICAL	Peak
5	7266.000	48.97	35.78	6.06	37.41	53.40	74.00	-20.60	VERTICAL	Peak
6	9688.000	45.59	38.44	7.04	37.42	53.65	74.00	-20.35	VERTICAL	Peak

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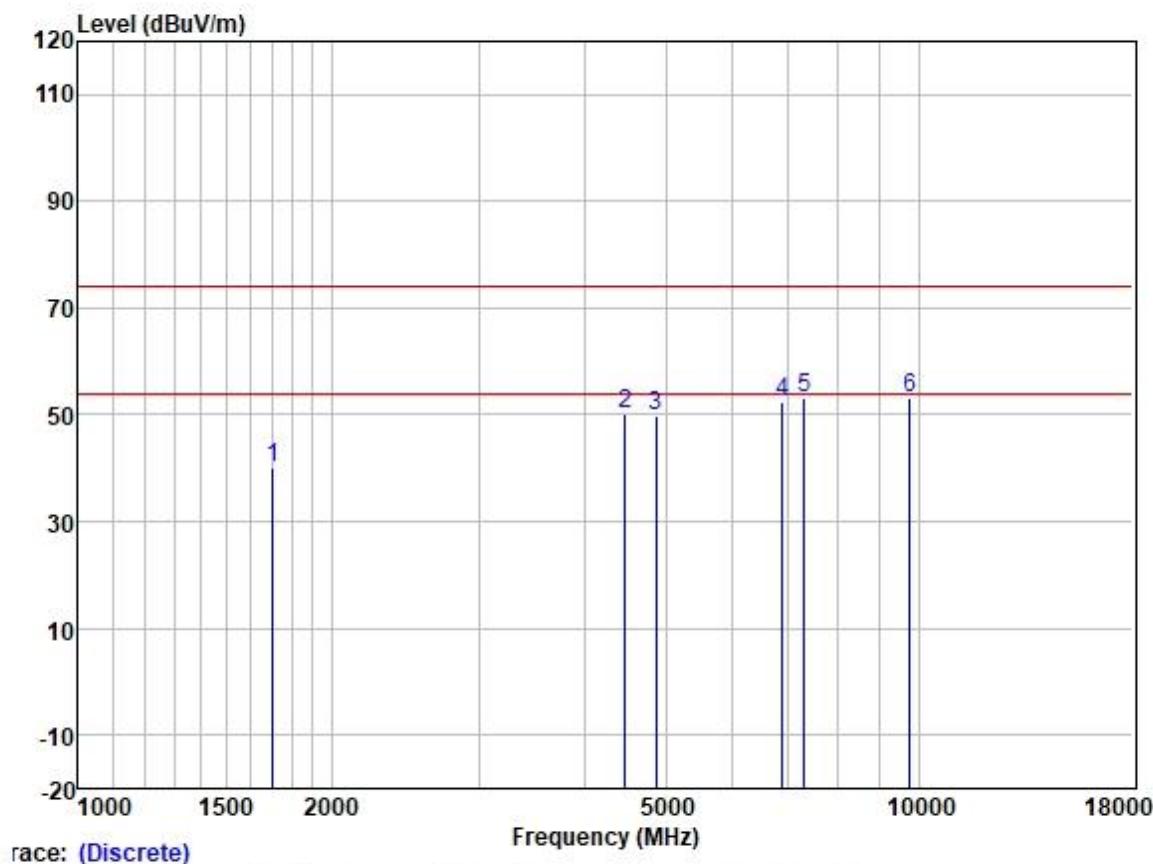
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss					
	MHz	dBuV	dB/m		dB	dBuV/m	dBuV/m		
1	1702.042	49.37	25.72	2.80	37.89	40.00	74.00	-34.00	HORIZONTAL Peak
2	4469.214	51.28	30.77	4.93	36.81	50.17	74.00	-23.83	HORIZONTAL Peak
3	4874.000	49.53	31.54	5.50	36.84	49.73	74.00	-24.27	HORIZONTAL Peak
4	6874.906	49.10	34.82	5.82	37.16	52.58	74.00	-21.42	HORIZONTAL Peak
5	7311.000	48.38	35.93	6.11	37.42	53.00	74.00	-21.00	HORIZONTAL Peak
6	9748.000	45.16	38.50	7.02	37.41	53.27	74.00	-20.73	HORIZONTAL Peak

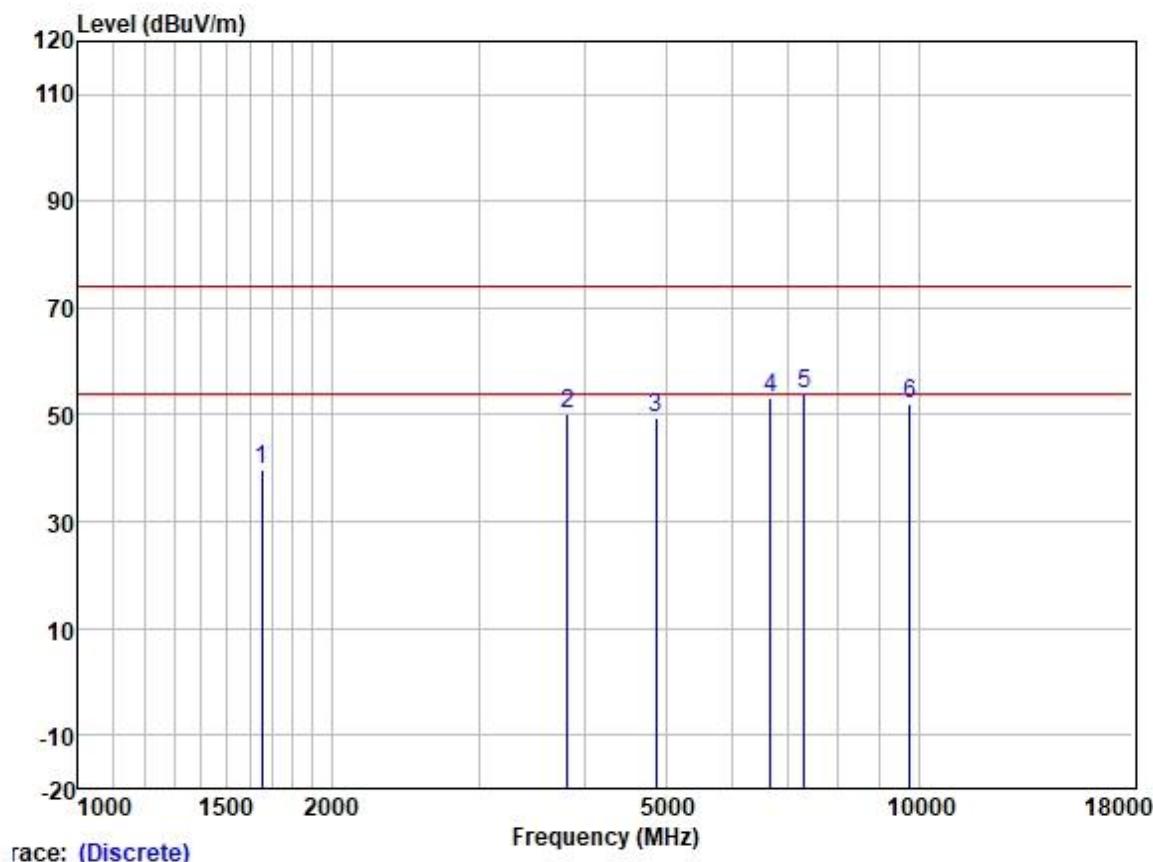
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit Line	Over Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level				
	dBuV	dB/m		dB	dB	dBuV/m	dBuV/m	dB		
1 1653.550	49.33	25.64	2.80	37.93	39.84	74.00	-34.16	VERTICAL	Peak	
2 3823.371	52.84	29.57	4.60	36.84	50.17	74.00	-23.83	VERTICAL	Peak	
3 4874.000	49.16	31.54	5.50	36.84	49.36	74.00	-24.64	VERTICAL	Peak	
4 6659.763	49.99	34.29	5.83	37.06	53.05	74.00	-20.95	VERTICAL	Peak	
5 7311.000	49.23	35.93	6.11	37.42	53.85	74.00	-20.15	VERTICAL	Peak	
6 9748.000	44.01	38.50	7.02	37.41	52.12	74.00	-21.88	VERTICAL	Peak	

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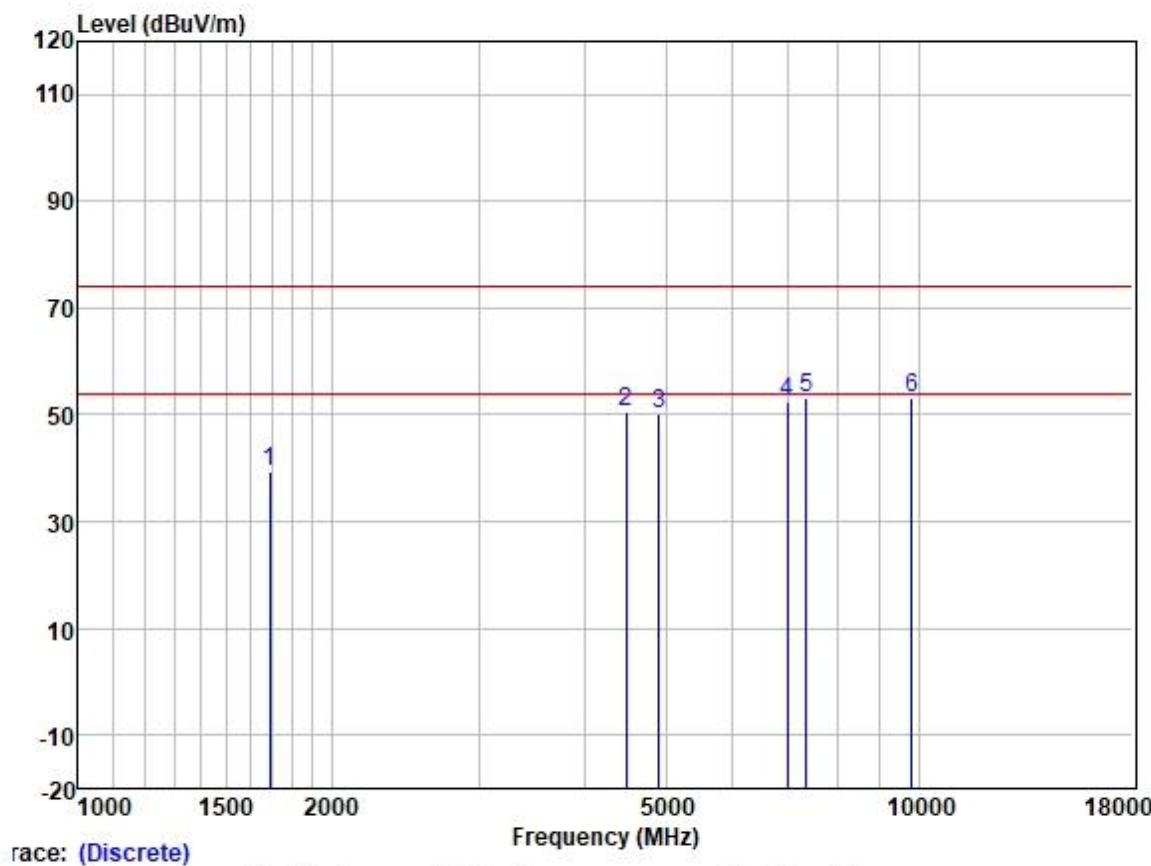


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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:9



Race: (Discrete)

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	1692.231	48.72	25.70	2.80	37.89	39.33	74.00	-34.67	HORIZONTAL	Peak
2	4482.150	51.56	30.78	4.99	36.81	50.52	74.00	-23.48	HORIZONTAL	Peak
3	4904.000	49.81	31.58	5.55	36.84	50.10	74.00	-23.90	HORIZONTAL	Peak
4	6974.982	48.76	34.97	5.81	37.23	52.31	74.00	-21.69	HORIZONTAL	Peak
5	7356.000	48.53	36.06	6.15	37.44	53.30	74.00	-20.70	HORIZONTAL	Peak
6	9808.000	44.99	38.56	7.00	37.41	53.14	74.00	-20.86	HORIZONTAL	Peak

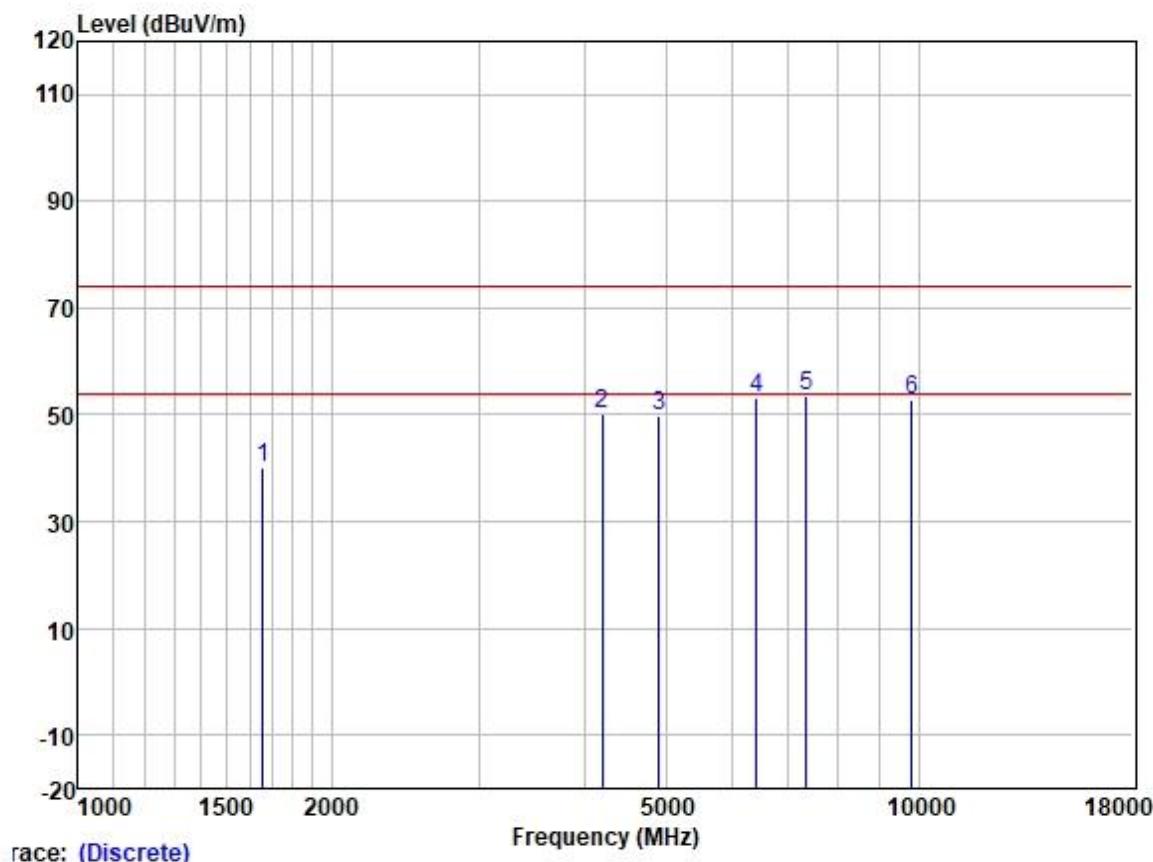
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:9



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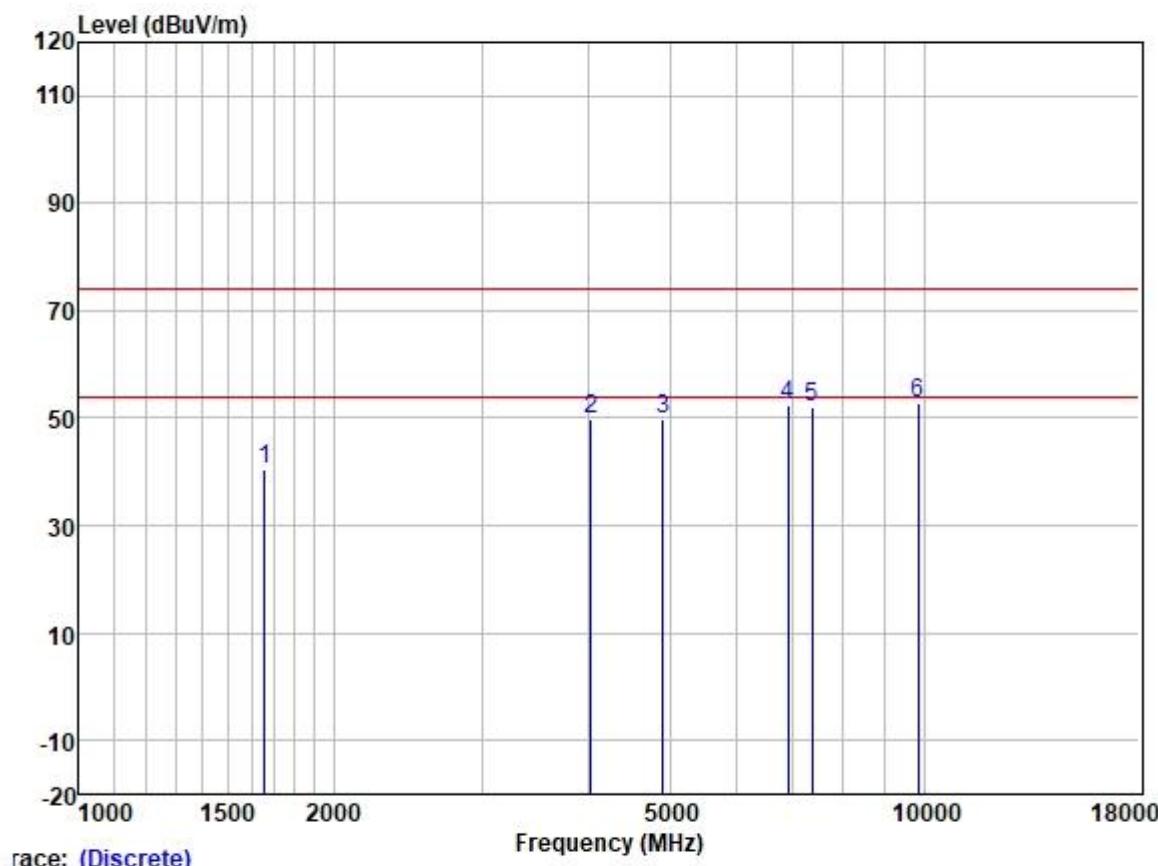
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Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:10



Freq	ReadAntenna		Cable		Preamp	Limit	Over	Pol/Phase	Remark
	Level	Factor	Loss	Factor					
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 1658.337	49.85	25.65	2.80	37.93	40.37	74.00	-33.63	HORIZONTAL	Peak
2 4039.212	52.26	29.85	4.60	36.80	49.91	74.00	-24.09	HORIZONTAL	Peak
3 4914.000	49.63	31.60	5.58	36.84	49.97	74.00	-24.03	HORIZONTAL	Peak
4 6894.806	48.99	34.85	5.81	37.18	52.47	74.00	-21.53	HORIZONTAL	Peak
5 7371.000	47.37	36.12	6.17	37.45	52.21	74.00	-21.79	HORIZONTAL	Peak
6 9828.000	44.53	38.58	6.99	37.41	52.69	74.00	-21.31	HORIZONTAL	Peak

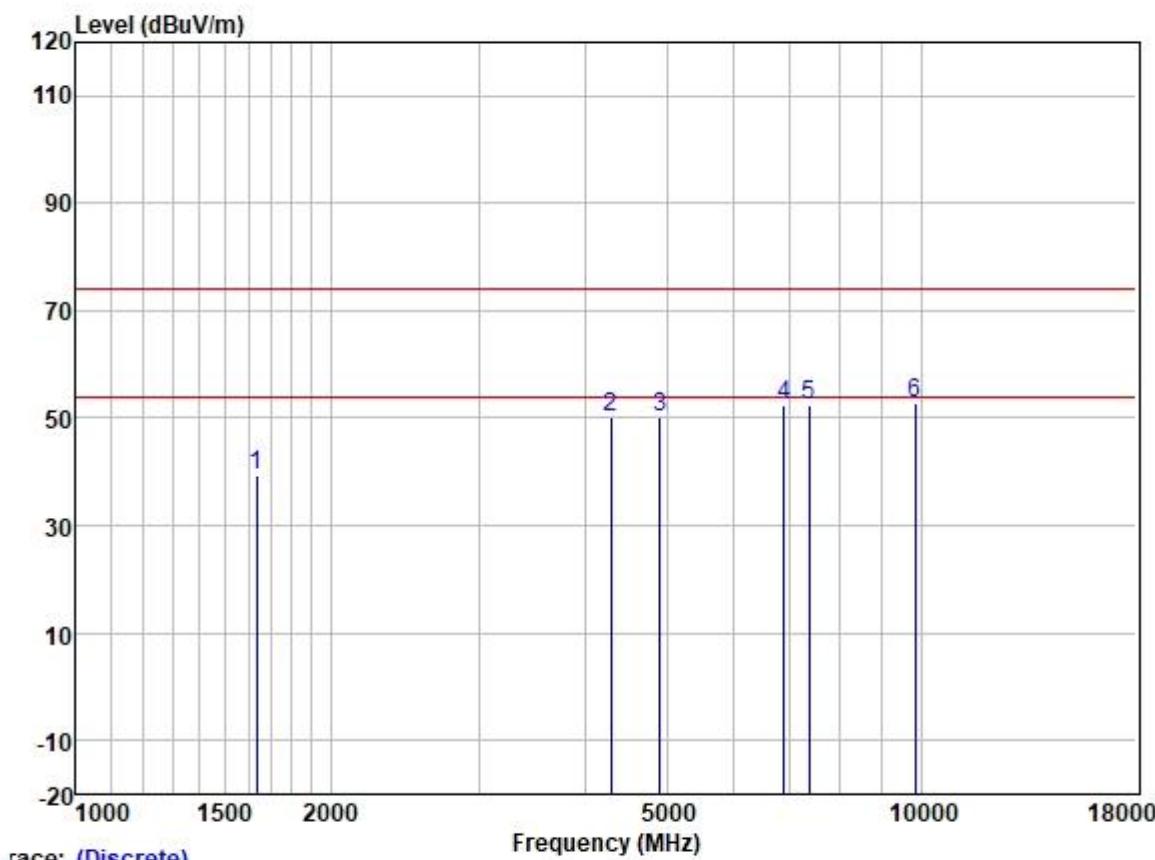
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Test Mode: 13; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:10



Race: (Discrete)	ReadAntenna		Cable		Preamp		Limit	Over	Over	Pol/Phase	Remark
	Freq	Level	Factor	Loss	Factor	Level					
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1634.543	48.83	25.62	2.80	37.95	39.30	74.00	-34.70	VERTICAL	Peak	
2	4291.977	51.96	30.45	4.64	36.81	50.24	74.00	-23.76	VERTICAL	Peak	
3	4914.000	49.82	31.60	5.58	36.84	50.16	74.00	-23.84	VERTICAL	Peak	
4	6874.906	49.05	34.82	5.82	37.16	52.53	74.00	-21.47	VERTICAL	Peak	
5	7371.000	47.46	36.12	6.17	37.45	52.30	74.00	-21.70	VERTICAL	Peak	
6	9828.000	44.46	38.58	6.99	37.41	52.62	74.00	-21.38	VERTICAL	Peak	

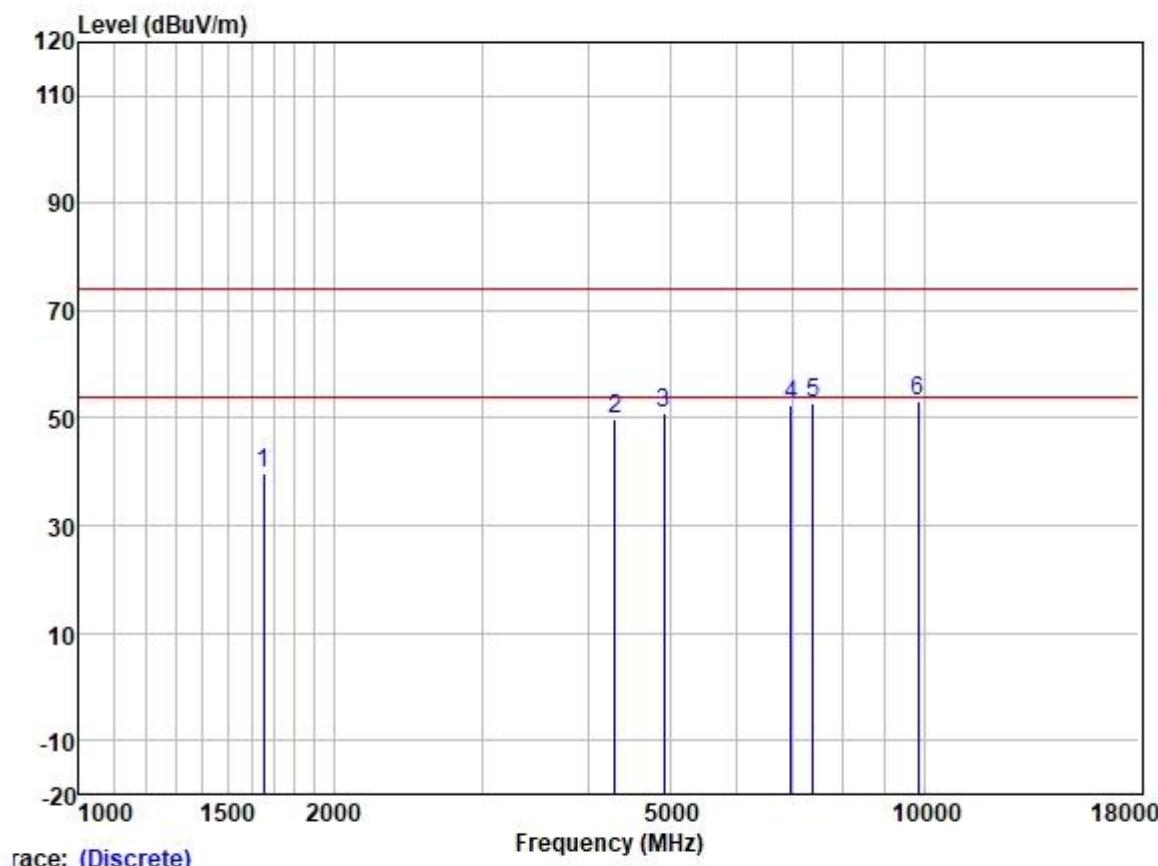
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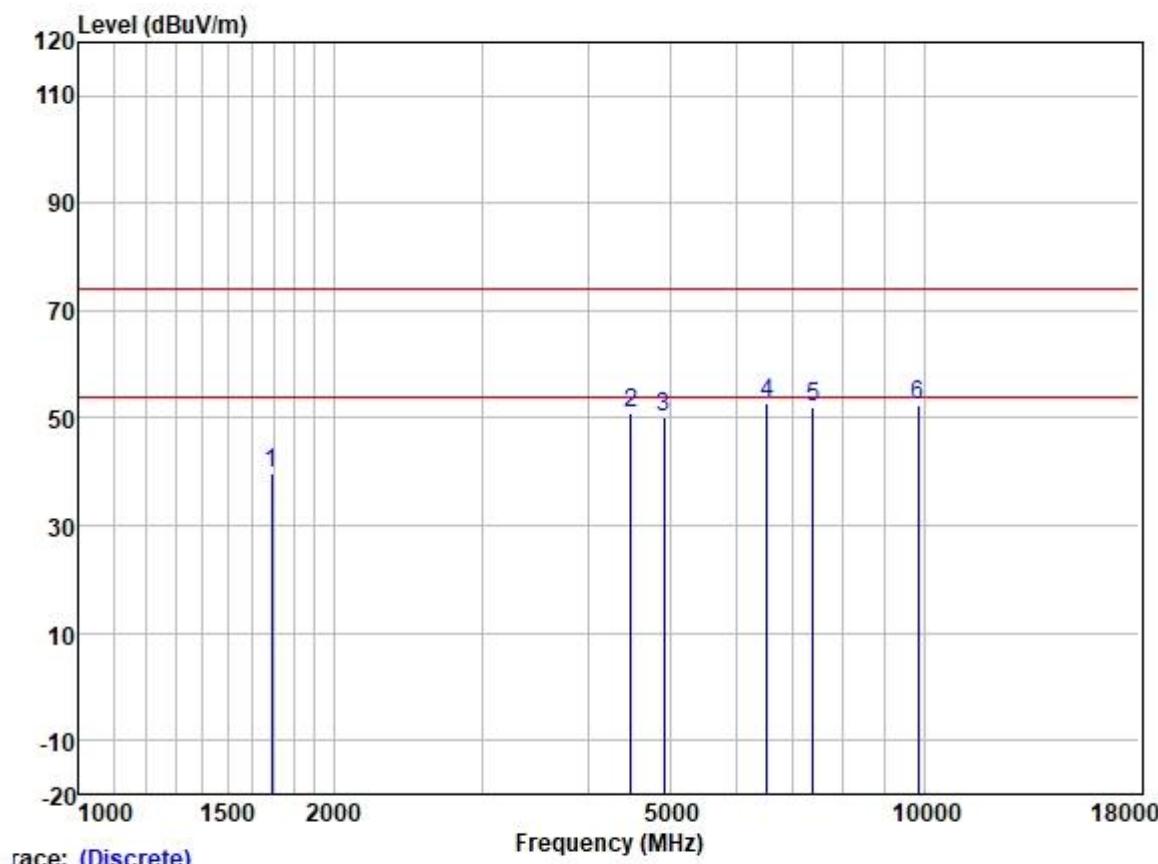
Test Mode: 13; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:11



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## 8 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR2204000437AT

## 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2204000437AT

- End of the Report -



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