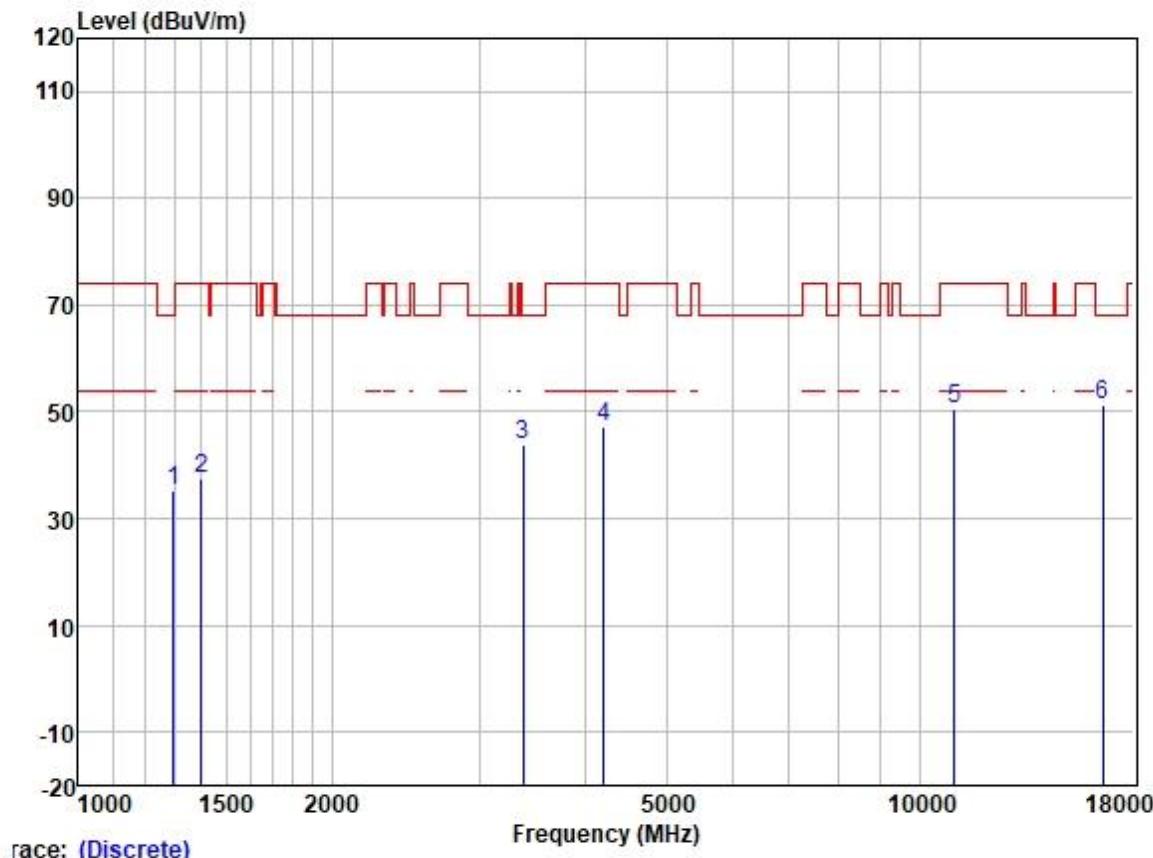


Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	1297.103	45.63	25.19	2.58	38.31	35.09	68.20	-33.11	VERTICAL	Peak	
2	1398.336	47.88	25.39	2.60	38.22	37.65	74.00	-36.35	VERTICAL	Peak	
3	3376.523	47.90	28.83	4.09	36.99	43.83	68.20	-24.37	VERTICAL	Peak	
4	4218.186	49.02	30.22	4.60	36.81	47.03	74.00	-26.97	VERTICAL	Peak	
5	11000.000	40.08	40.10	7.71	37.25	50.64	74.00	-23.36	VERTICAL	Peak	
6	16500.000	37.67	39.60	9.44	35.38	51.33	68.20	-16.87	VERTICAL	Peak	

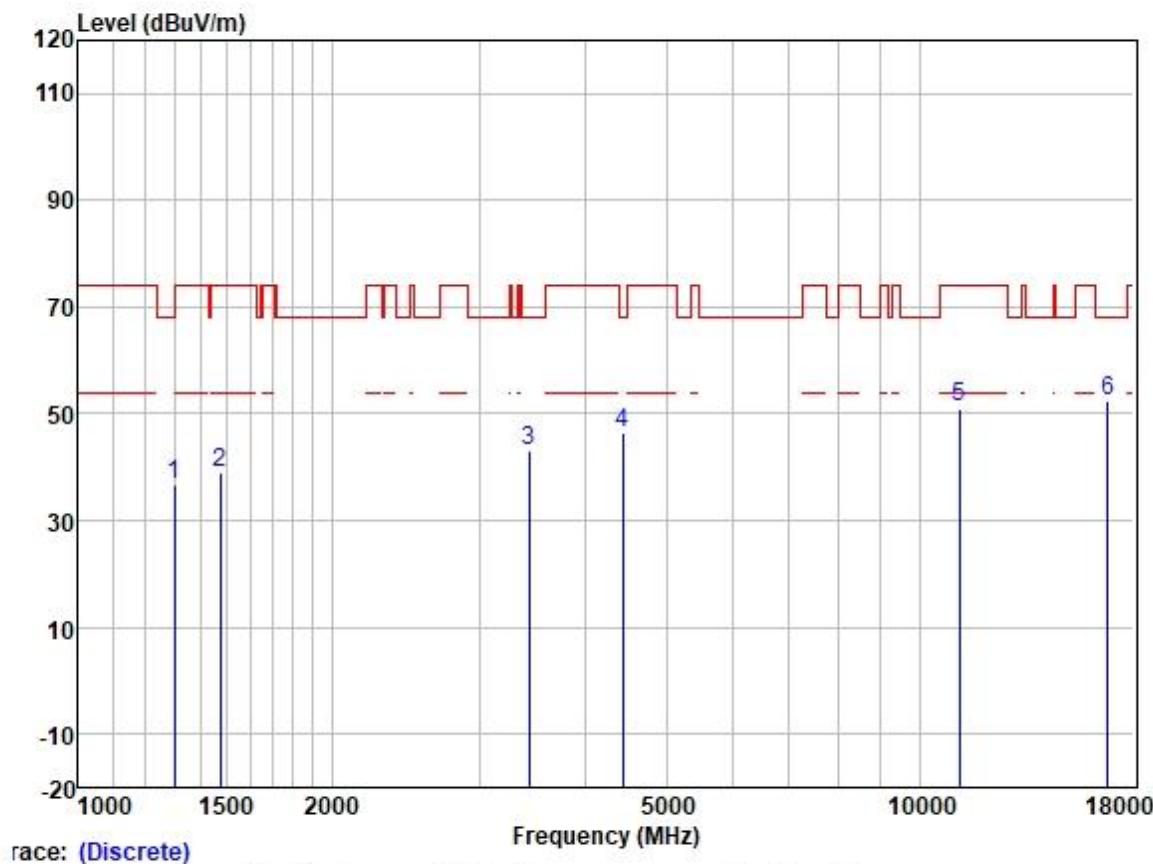
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1300.858	47.39	25.20	2.60	38.31	36.88	74.00	-37.12	HORIZONTAL	Peak	
2	1473.013	48.75	25.48	2.76	38.13	38.86	74.00	-35.14	HORIZONTAL	Peak	
3	3435.590	47.15	28.87	4.16	36.97	43.21	68.20	-24.99	HORIZONTAL	Peak	
4	4443.453	47.74	30.73	4.83	36.81	46.49	68.20	-21.71	HORIZONTAL	Peak	
5	11160.000	40.39	40.04	7.90	37.21	51.12	74.00	-22.88	HORIZONTAL	Peak	
6	16740.000	38.02	40.49	9.41	35.37	52.55	68.20	-15.65	HORIZONTAL	Peak	

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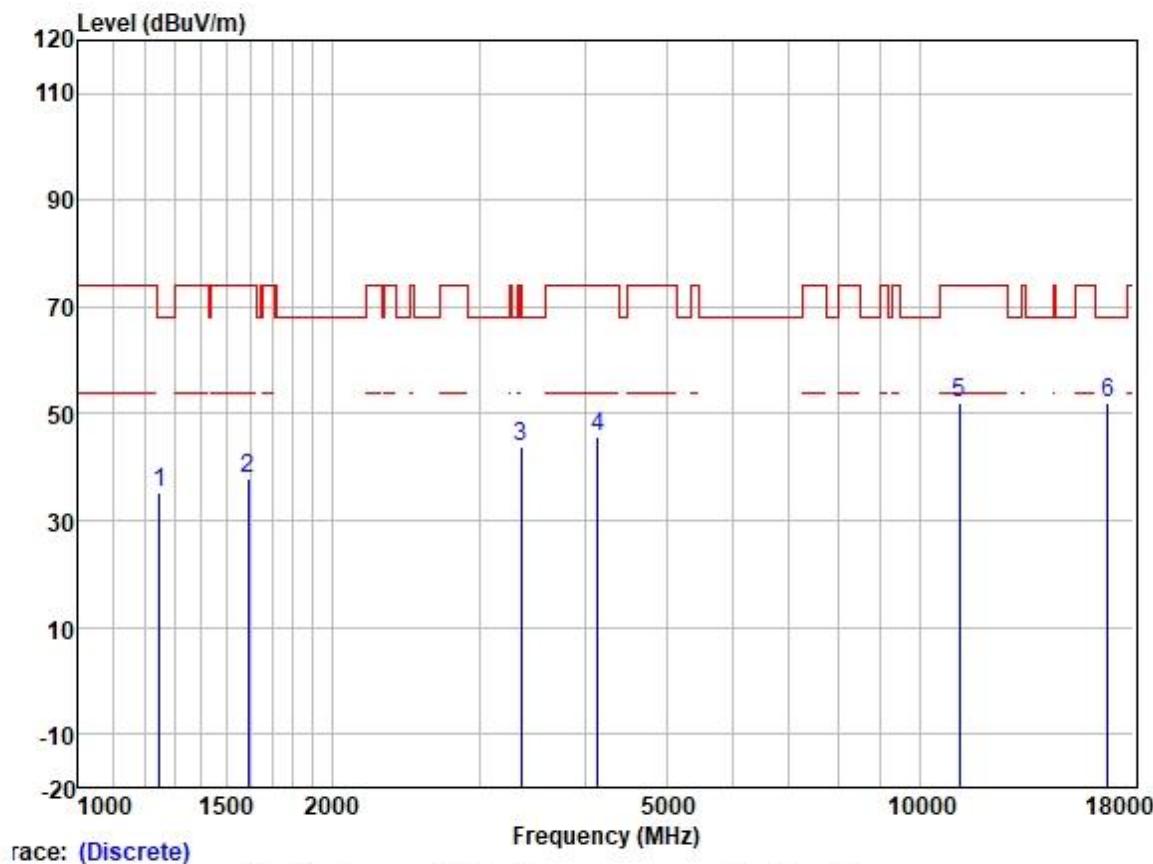
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Race: (Discrete)	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	Freq	Level	Factor	dB									
	MHz	dBuV	dB/m										
1	1249.269	46.22	25.02	2.34	38.35	35.23	68.20	-32.97	VERTICAL		Peak		
2	1592.571	47.35	25.57	2.80	37.98	37.74	74.00	-36.26	VERTICAL		Peak		
3	3357.061	47.91	28.81	4.09	37.01	43.80	74.00	-30.20	VERTICAL		Peak		
4	4145.664	47.78	30.03	4.60	36.80	45.61	74.00	-28.39	VERTICAL		Peak		
5	11160.000	41.16	40.04	7.90	37.21	51.89	74.00	-22.11	VERTICAL		Peak		
6	16740.000	37.51	40.49	9.41	35.37	52.04	68.20	-16.16	VERTICAL		Peak		

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Test Mode: 06; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

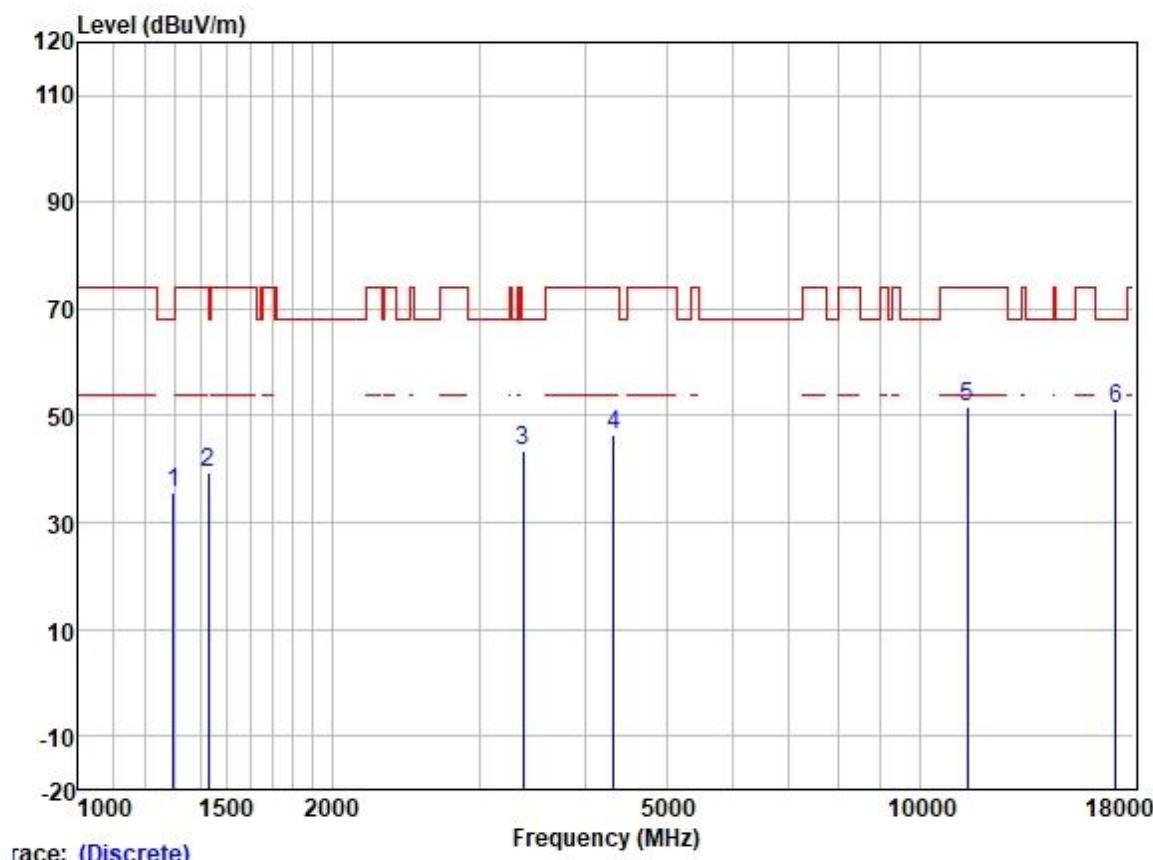


Table: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1	1297.103	46.01	25.19	2.58	38.31	35.47	68.20	-32.73	HORIZONTAL	Peak			
2	1426.916	49.50	25.43	2.65	38.20	39.38	74.00	-34.62	HORIZONTAL	Peak			
3	3376.523	47.63	28.83	4.09	36.99	43.56	68.20	-24.64	HORIZONTAL	Peak			
4	4329.354	47.93	30.54	4.67	36.81	46.33	74.00	-27.67	HORIZONTAL	Peak			
5	11400.000	40.73	39.94	8.28	37.16	51.79	74.00	-22.21	HORIZONTAL	Peak			
6	17100.000	34.78	42.32	9.63	35.34	51.39	68.20	-16.81	HORIZONTAL	Peak			

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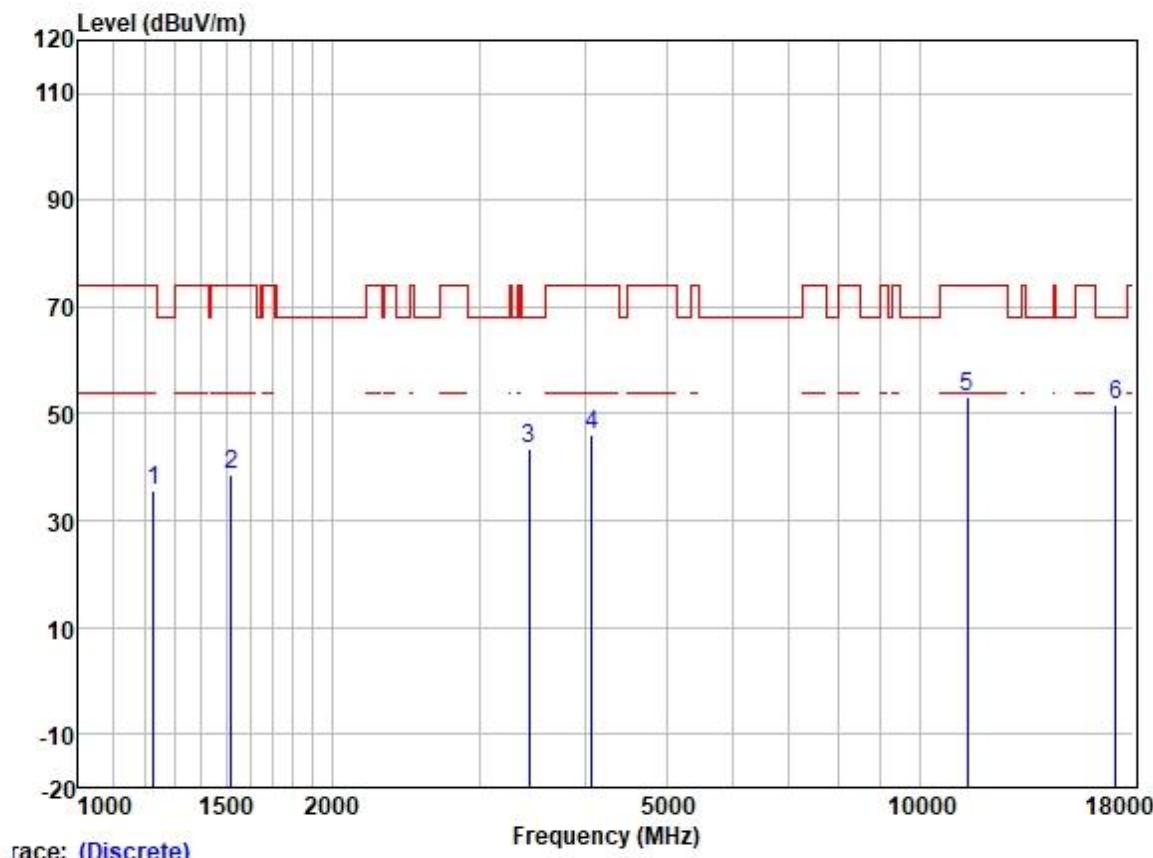
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Test Mode: 06; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	46.99	24.88	2.31	38.37	35.81	74.00	-38.19	VERTICAL	Peak	
2	1520.598	48.54	25.51	2.80	38.07	38.78	74.00	-35.22	VERTICAL	Peak	
3	3435.590	47.45	28.87	4.16	36.97	43.51	68.20	-24.69	VERTICAL	Peak	
4	4074.388	48.51	29.90	4.60	36.80	46.21	74.00	-27.79	VERTICAL	Peak	
5	11400.000	41.99	39.94	8.28	37.16	53.05	74.00	-20.95	VERTICAL	Peak	
6	17100.000	34.93	42.32	9.63	35.34	51.54	68.20	-16.66	VERTICAL	Peak	

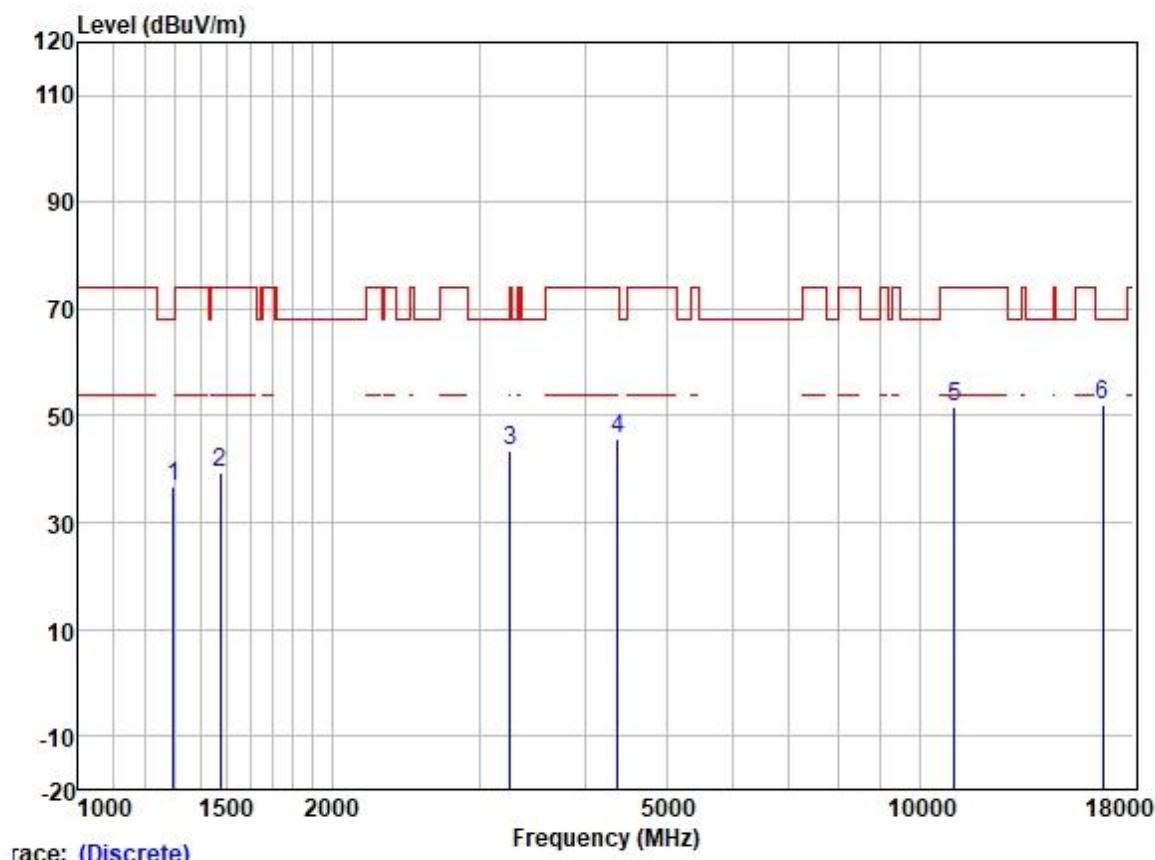
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1297.103	47.38	25.19	2.58	38.31	36.84	68.20	-31.36	HORIZONTAL	Peak	
2	1473.013	49.32	25.48	2.76	38.13	39.43	74.00	-34.57	HORIZONTAL	Peak	
3	3261.418	47.82	28.70	4.03	37.06	43.49	74.00	-30.51	HORIZONTAL	Peak	
4	4379.699	47.25	30.64	4.69	36.81	45.77	74.00	-28.23	HORIZONTAL	Peak	
5	11000.000	40.94	40.10	7.71	37.25	51.50	74.00	-22.50	HORIZONTAL	Peak	
6	16500.000	38.35	39.60	9.44	35.38	52.01	68.20	-16.19	HORIZONTAL	Peak	

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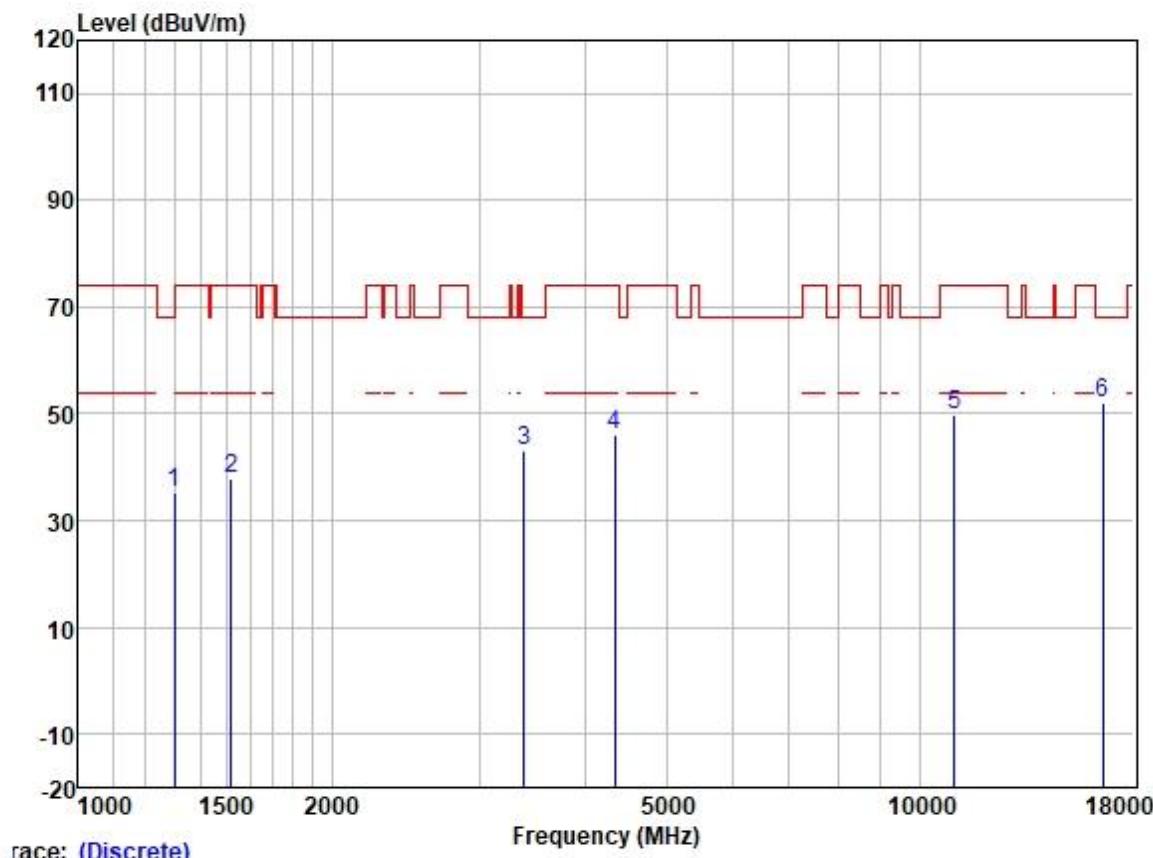


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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	1300.858	45.85	25.20	2.60	38.31	35.34	74.00	-38.66	VERTICAL	Peak	
2	1520.598	47.53	25.51	2.80	38.07	37.77	74.00	-36.23	VERTICAL	Peak	
3	3386.297	47.20	28.83	4.10	36.99	43.14	68.20	-25.06	VERTICAL	Peak	
4	4341.886	47.50	30.57	4.67	36.81	45.93	74.00	-28.07	VERTICAL	Peak	
5	11000.000	39.42	40.10	7.71	37.25	49.98	74.00	-24.02	VERTICAL	Peak	
6	16500.000	38.27	39.60	9.44	35.38	51.93	68.20	-16.27	VERTICAL	Peak	

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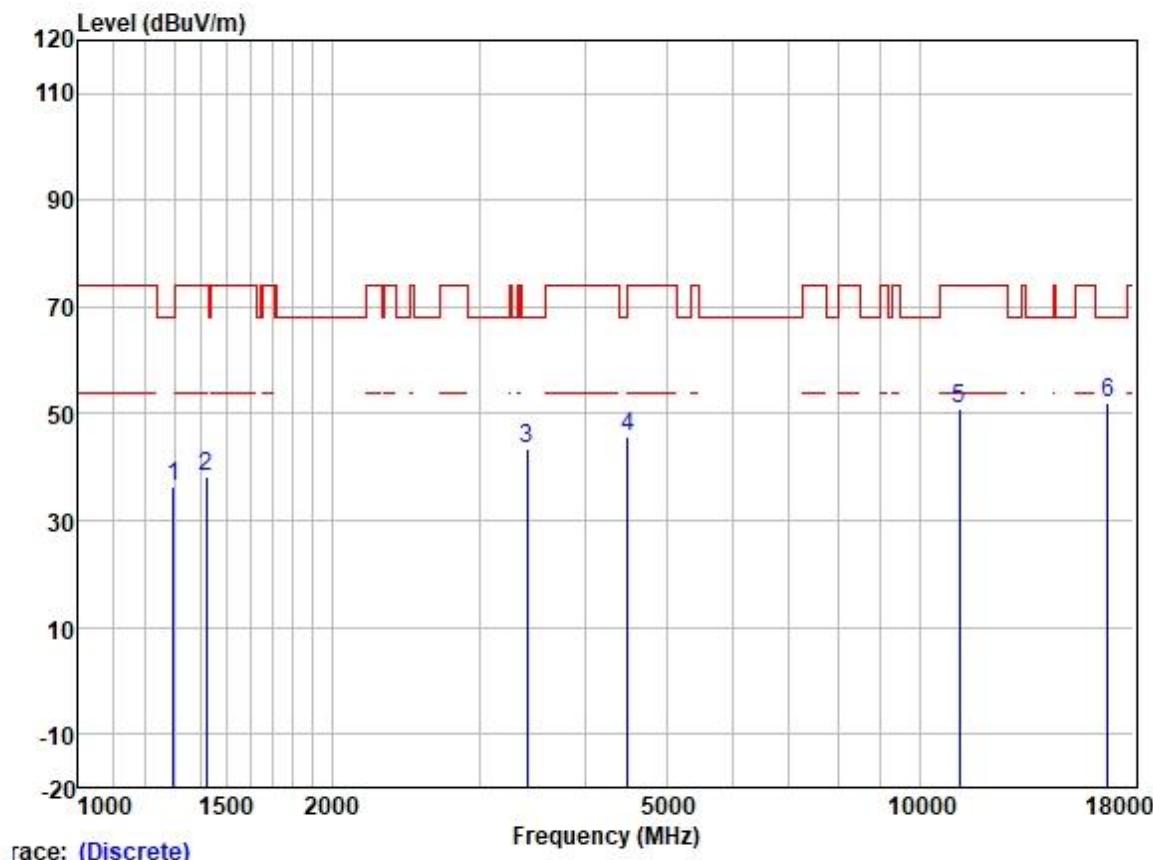
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



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	1297.103	47.08	25.19	2.58	38.31	36.54	68.20	-31.66	HORIZONTAL	Peak	
2	1418.692	48.22	25.42	2.63	38.20	38.07	74.00	-35.93	HORIZONTAL	Peak	
3	3415.787	47.51	28.85	4.13	36.97	43.52	68.20	-24.68	HORIZONTAL	Peak	
4	4495.125	46.60	30.80	5.05	36.82	45.63	68.20	-22.57	HORIZONTAL	Peak	
5	11160.000	40.24	40.04	7.90	37.21	50.97	74.00	-23.03	HORIZONTAL	Peak	
6	16740.000	37.61	40.49	9.41	35.37	52.14	68.20	-16.06	HORIZONTAL	Peak	

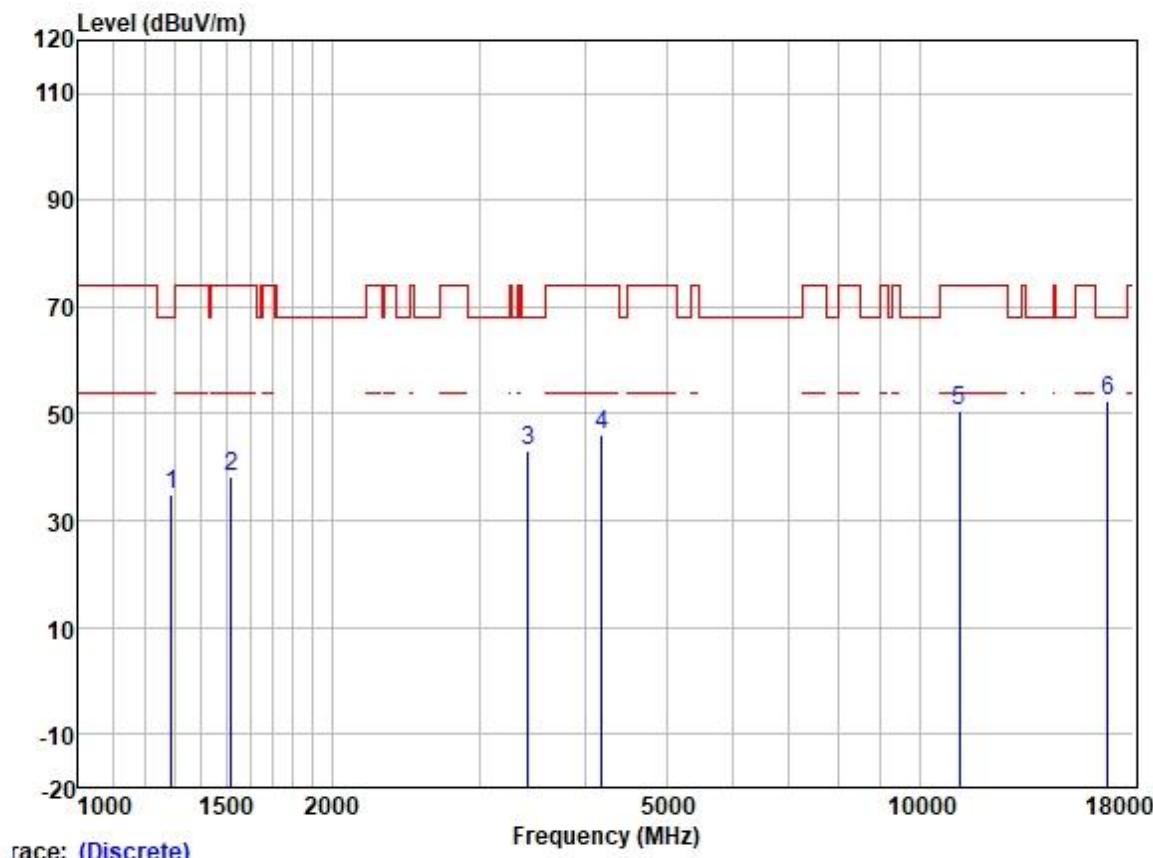
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1	1289.627	45.36	25.17	2.55	38.31	34.77	68.20	-33.43	VERTICAL		Peak		
2	1520.598	48.14	25.51	2.80	38.07	38.38	74.00	-35.62	VERTICAL		Peak		
3	3425.675	47.08	28.86	4.15	36.97	43.12	68.20	-25.08	VERTICAL		Peak		
4	4193.872	48.22	30.15	4.60	36.81	46.16	74.00	-27.84	VERTICAL		Peak		
5	11160.000	39.81	40.04	7.90	37.21	50.54	74.00	-23.46	VERTICAL		Peak		
6	16740.000	37.90	40.49	9.41	35.37	52.43	68.20	-15.77	VERTICAL		Peak		

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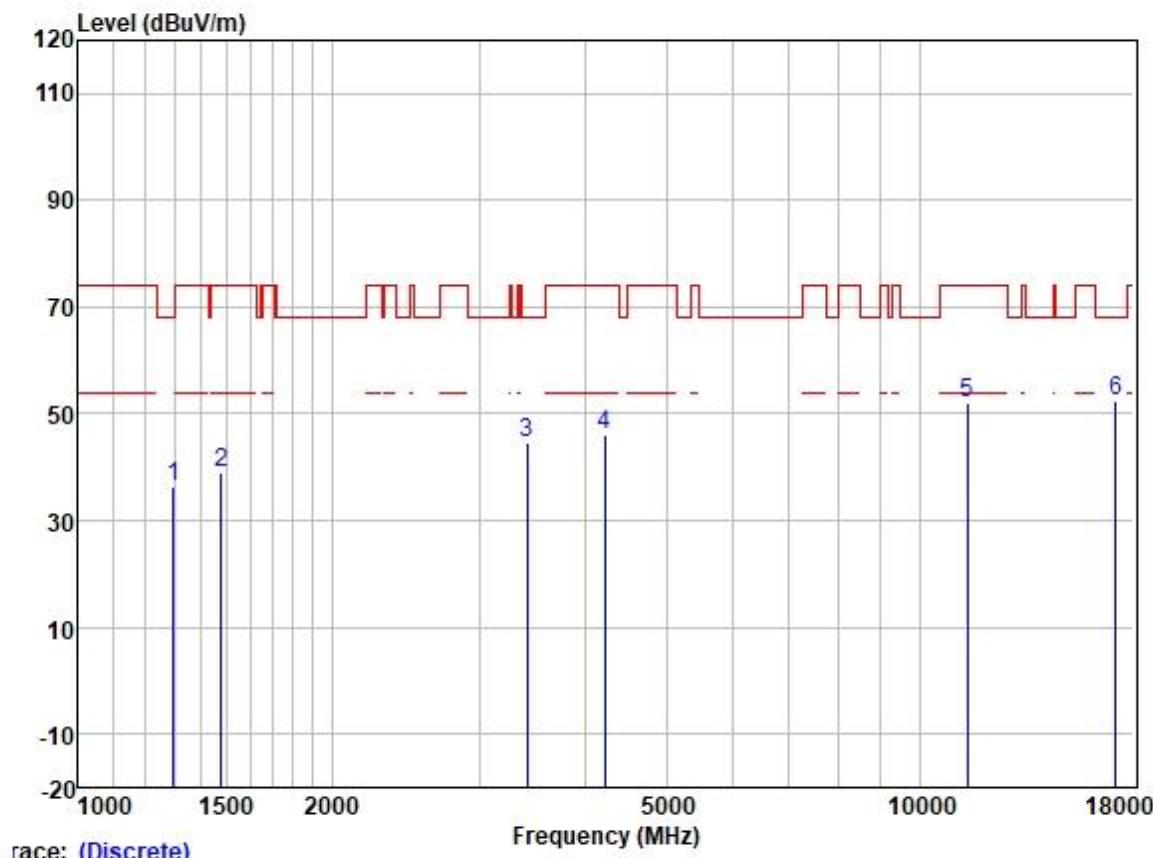
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

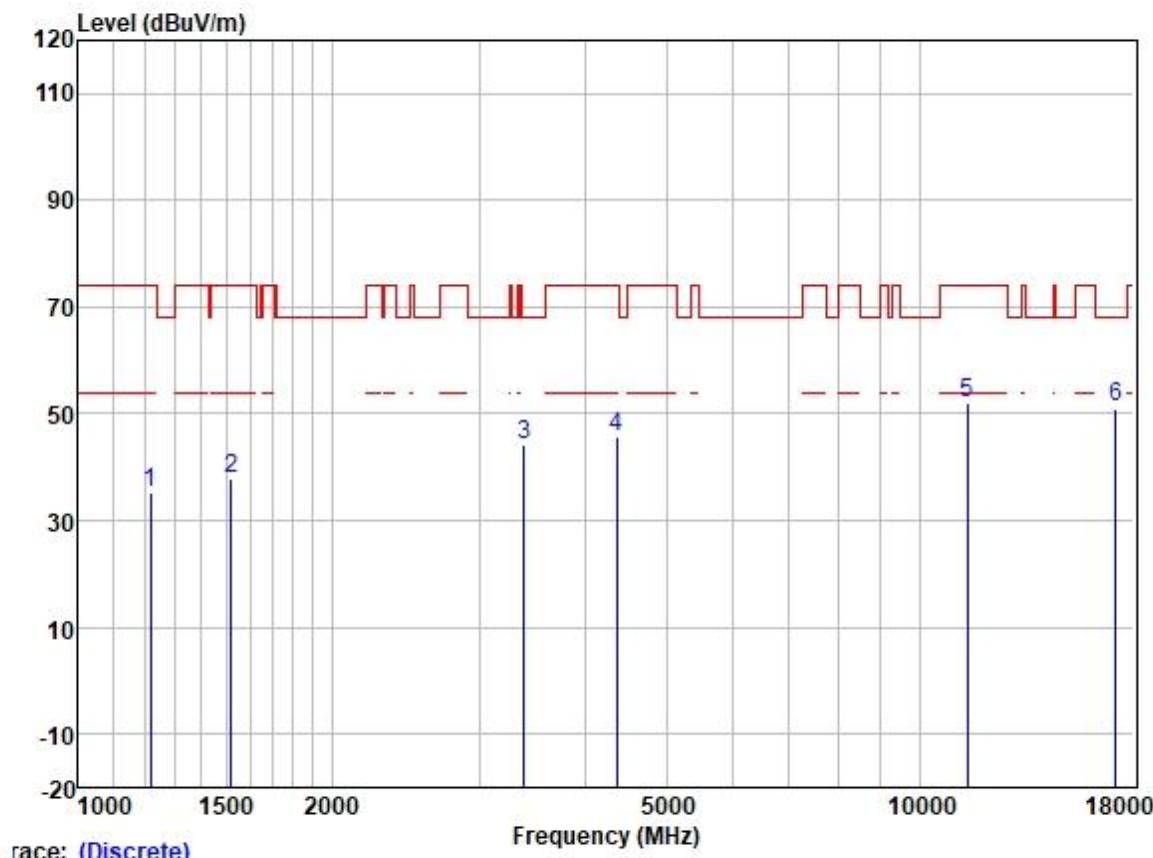
Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1217.190	46.51	24.79	2.32	38.37	35.25	74.00	-38.75	VERTICAL	Peak	
2	1520.598	47.62	25.51	2.80	38.07	37.86	74.00	-36.14	VERTICAL	Peak	
3	3386.297	48.33	28.83	4.10	36.99	44.27	68.20	-23.93	VERTICAL	Peak	
4	4367.058	47.24	30.62	4.68	36.81	45.73	74.00	-28.27	VERTICAL	Peak	
5	11400.000	40.86	39.94	8.28	37.16	51.92	74.00	-22.08	VERTICAL	Peak	
6	17100.000	34.51	42.32	9.63	35.34	51.12	68.20	-17.08	VERTICAL	Peak	

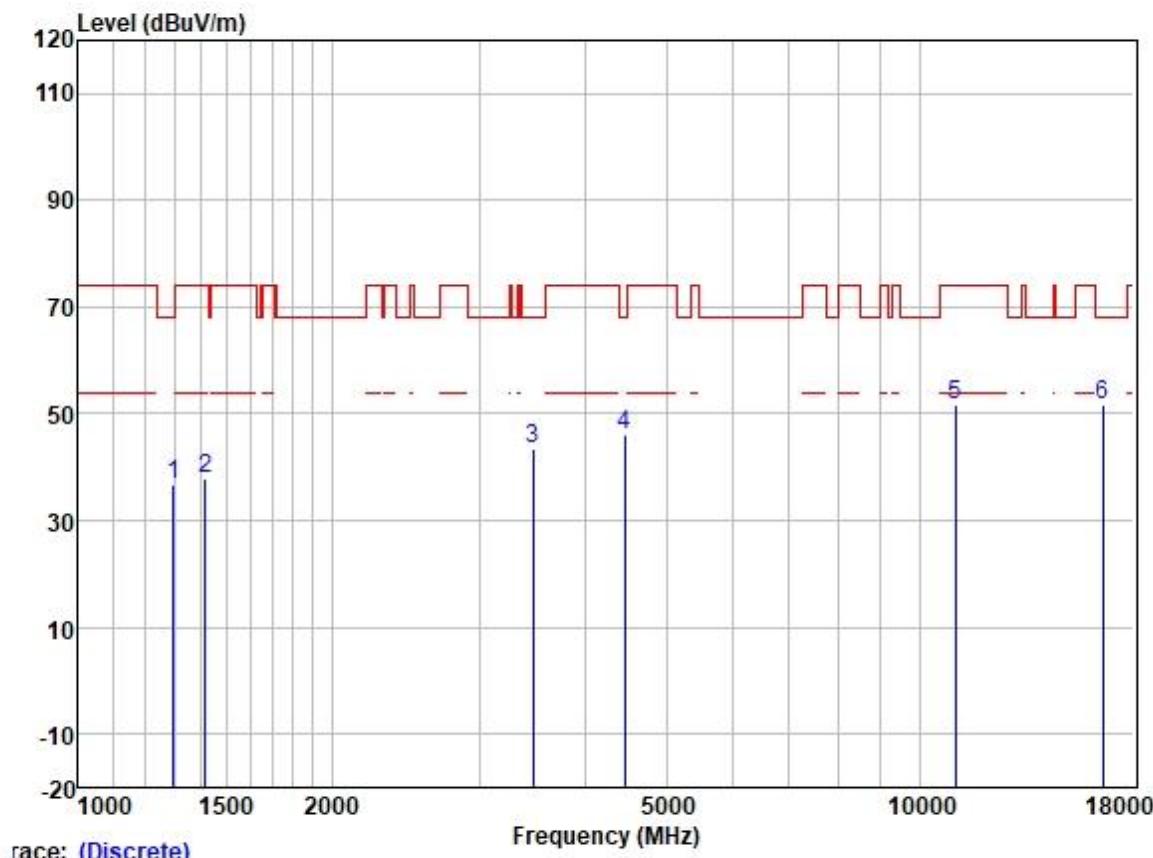
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (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	1297.103	47.12	25.19	2.58	38.31	36.58	68.20	-31.62	HORIZONTAL	Peak	
2	1414.597	47.86	25.41	2.63	38.20	37.70	74.00	-36.30	HORIZONTAL	Peak	
3	3475.541	47.24	28.89	4.25	36.95	43.43	68.20	-24.77	HORIZONTAL	Peak	
4	4456.315	47.37	30.75	4.88	36.81	46.19	68.20	-22.01	HORIZONTAL	Peak	
5	11020.000	41.24	40.10	7.71	37.24	51.81	74.00	-22.19	HORIZONTAL	Peak	
6	16530.000	38.01	39.76	9.44	35.38	51.83	68.20	-16.37	HORIZONTAL	Peak	

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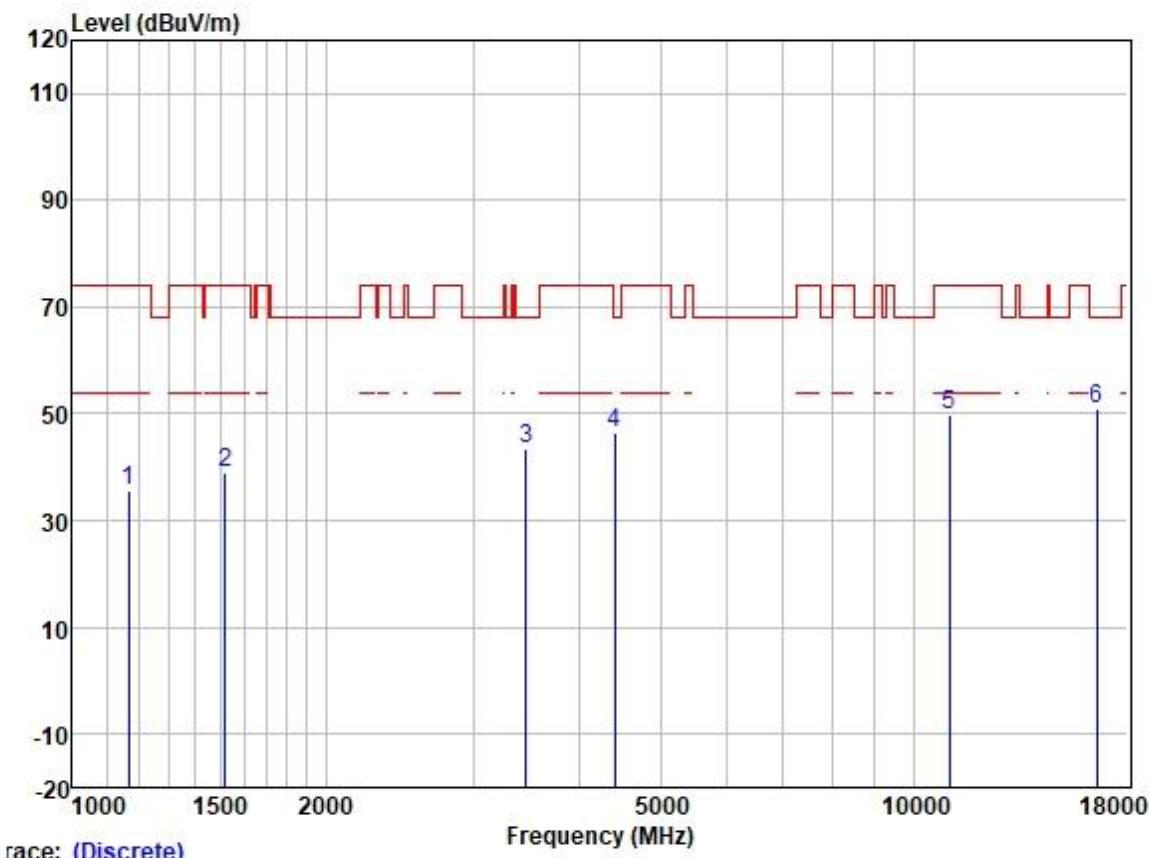
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB									
1 1165.546	47.26	24.54	2.39	38.40	35.79	74.00	-38.21	VERTICAL				Peak	
2 1520.598	48.73	25.51	2.80	38.07	38.97	74.00	-35.03	VERTICAL				Peak	
3 3465.510	47.33	28.88	4.22	36.95	43.48	68.20	-24.72	VERTICAL				Peak	
4 4417.841	47.92	30.70	4.74	36.81	46.55	68.20	-21.65	VERTICAL				Peak	
5 11020.000	39.15	40.10	7.71	37.24	49.72	74.00	-24.28	VERTICAL				Peak	
6 16530.000	37.27	39.76	9.44	35.38	51.09	68.20	-17.11	VERTICAL				Peak	

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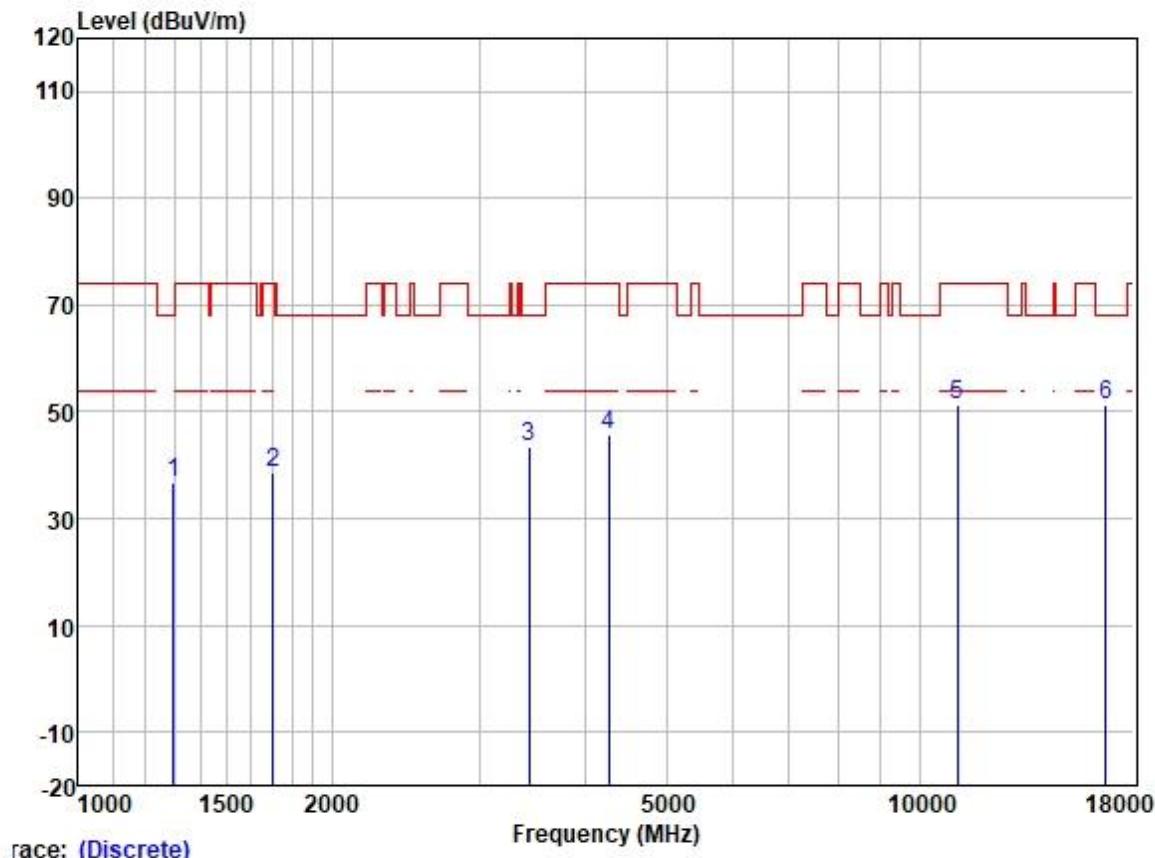
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	47.12	25.19	2.58	38.31	36.58	68.20	-31.62	HORIZONTAL	Peak			
2	1702.042	48.00	25.72	2.80	37.89	38.63	74.00	-35.37	HORIZONTAL	Peak			
3	3435.590	47.46	28.87	4.16	36.97	43.52	68.20	-24.68	HORIZONTAL	Peak			
4	4267.237	47.33	30.38	4.63	36.81	45.53	74.00	-28.47	HORIZONTAL	Peak			
5	11100.000	40.68	40.07	7.82	37.22	51.35	74.00	-22.65	HORIZONTAL	Peak			
6	16650.000	36.98	40.10	9.43	35.38	51.13	68.20	-17.07	HORIZONTAL	Peak			

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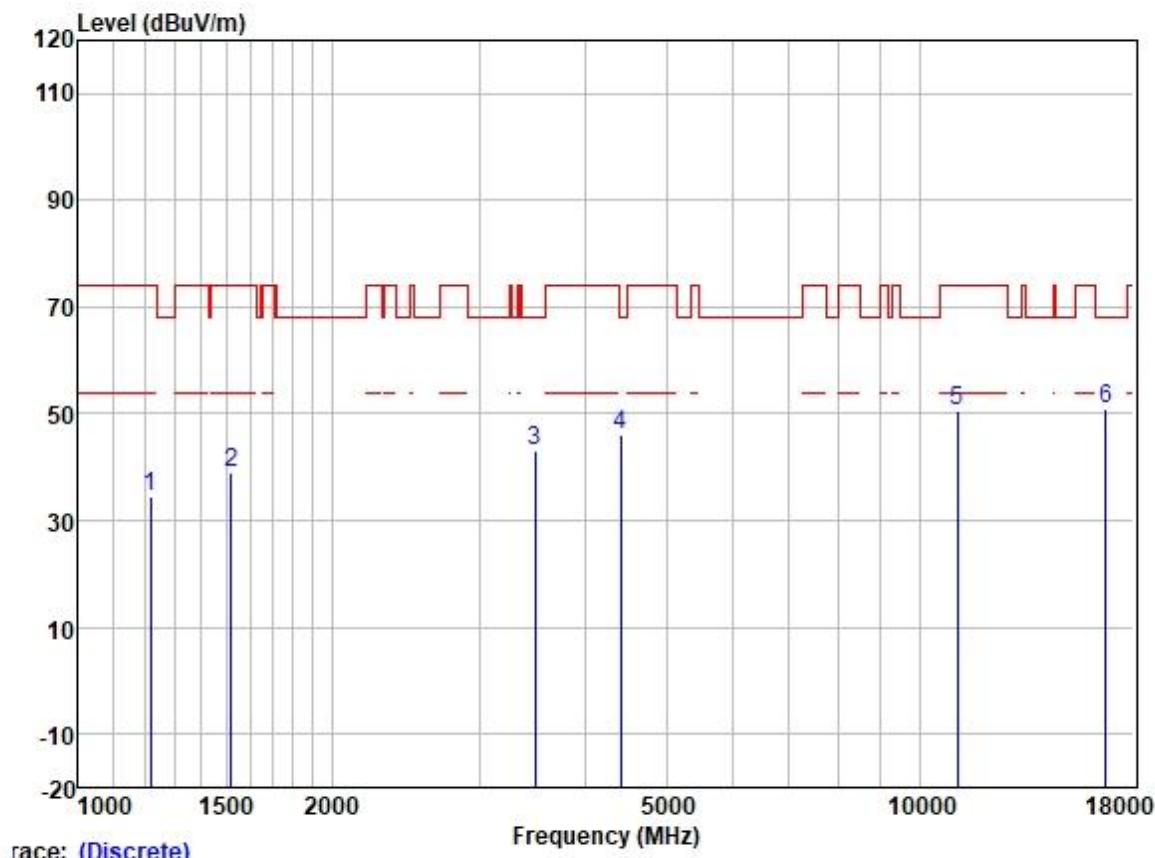
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:middle

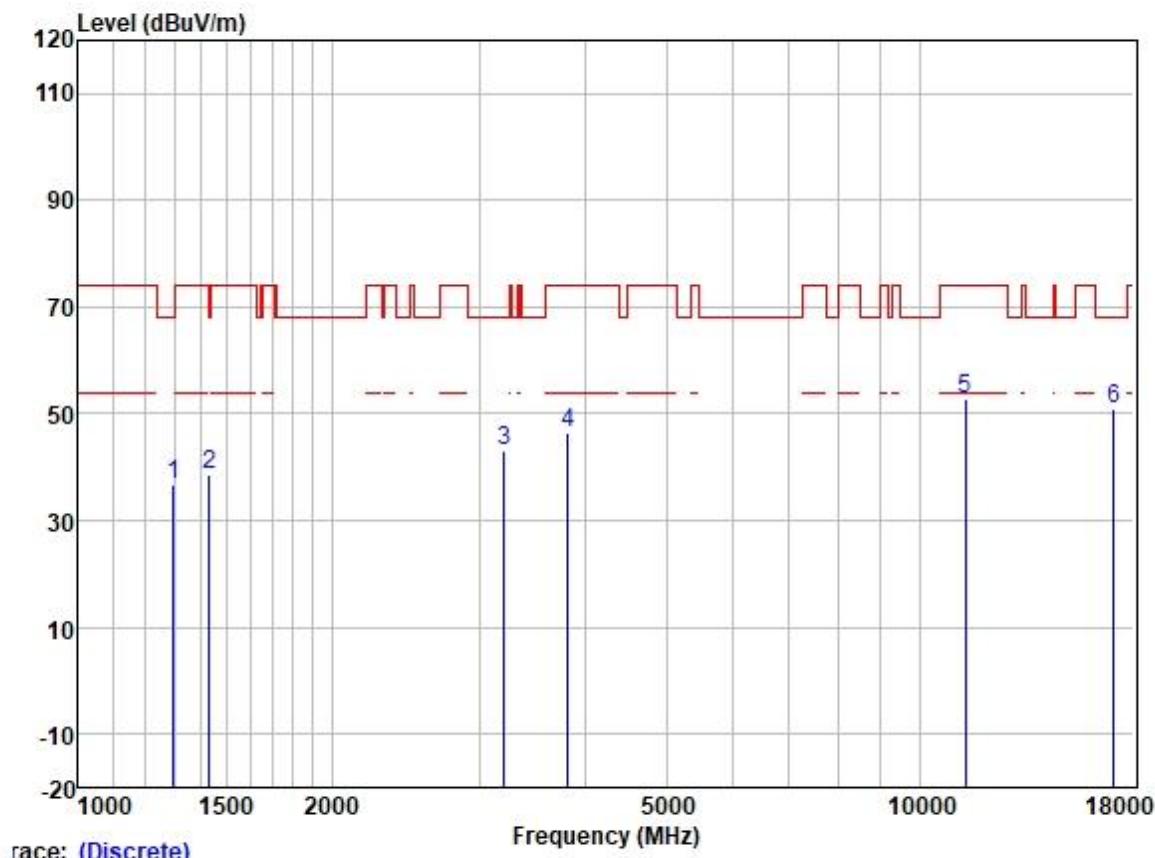


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Test Mode: 06; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (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	1297.103	47.23	25.19	2.58	38.31	36.69	68.20	-31.51	HORIZONTAL	Peak	
2	1431.047	48.78	25.43	2.66	38.20	38.67	68.20	-29.53	HORIZONTAL	Peak	
3	3205.345	47.49	28.60	4.00	37.09	43.00	68.20	-25.20	HORIZONTAL	Peak	
4	3823.371	49.25	29.57	4.60	36.84	46.58	74.00	-27.42	HORIZONTAL	Peak	
5	11340.000	41.65	39.97	8.18	37.17	52.63	74.00	-21.37	HORIZONTAL	Peak	
6	17010.000	35.13	41.75	9.39	35.35	50.92	68.20	-17.28	HORIZONTAL	Peak	

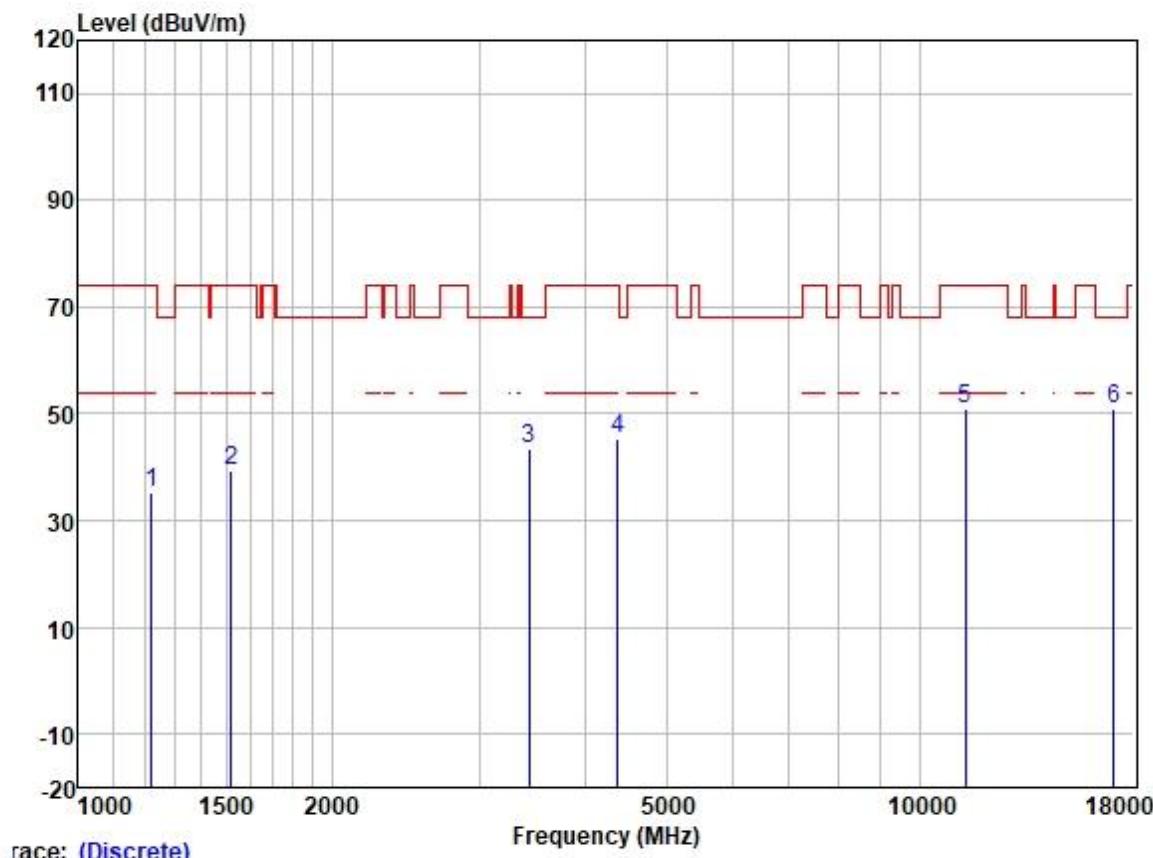
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Test Mode: 06; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor	Loss	Factor						
1	1220.714	46.61	24.82	2.32	38.37	35.38	74.00	-38.62	VERTICAL		Peak	
2	1520.598	49.02	25.51	2.80	38.07	39.26	74.00	-34.74	VERTICAL		Peak	
3	3435.590	47.58	28.87	4.16	36.97	43.64	68.20	-24.56	VERTICAL		Peak	
4	4379.699	46.97	30.64	4.69	36.81	45.49	74.00	-28.51	VERTICAL		Peak	
5	11340.000	39.96	39.97	8.18	37.17	50.94	74.00	-23.06	VERTICAL		Peak	
6	17010.000	35.26	41.75	9.39	35.35	51.05	68.20	-17.15	VERTICAL		Peak	

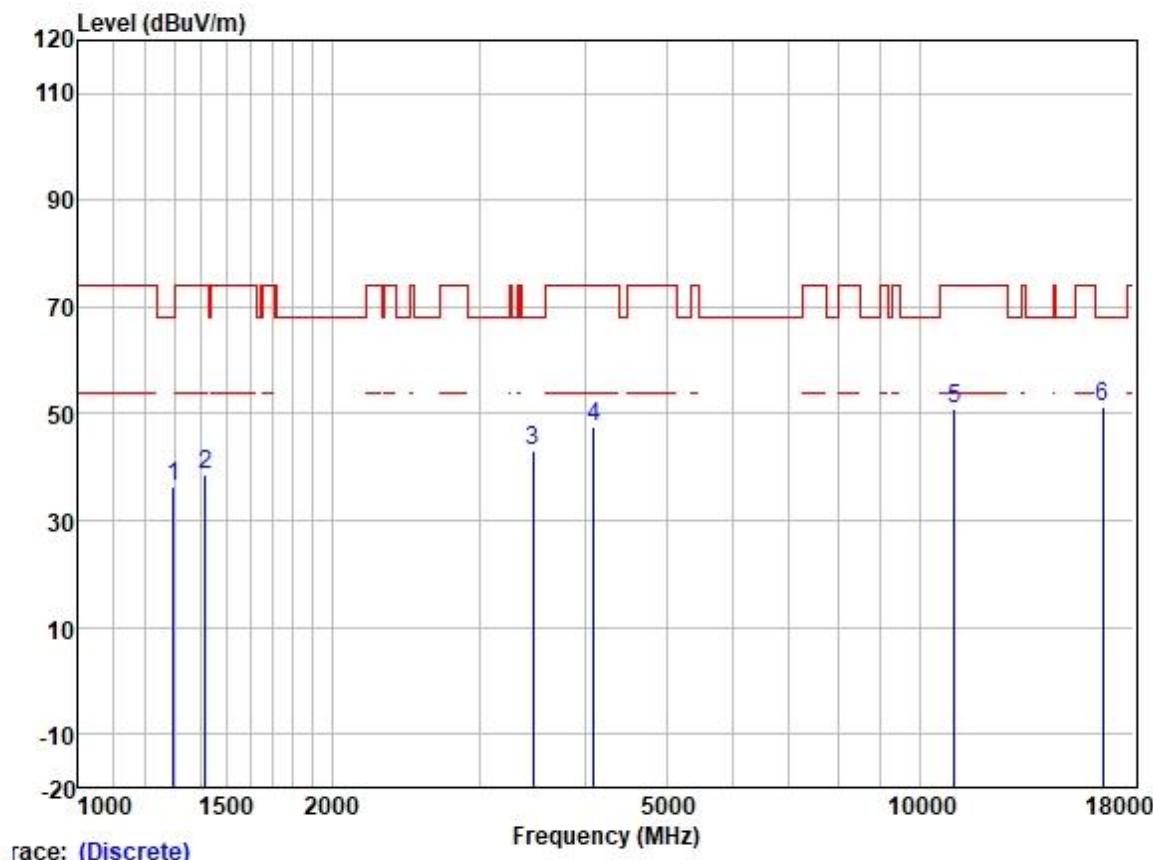
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (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	1297.103	47.07	25.19	2.58	38.31	36.53	68.20	-31.67	HORIZONTAL	Peak	
2	1414.597	48.68	25.41	2.63	38.20	38.52	74.00	-35.48	HORIZONTAL	Peak	
3	3475.541	47.03	28.89	4.25	36.95	43.22	68.20	-24.98	HORIZONTAL	Peak	
4	4098.010	49.76	29.94	4.60	36.80	47.50	74.00	-26.50	HORIZONTAL	Peak	
5	11000.000	40.26	40.10	7.71	37.25	50.82	74.00	-23.18	HORIZONTAL	Peak	
6	16500.000	37.71	39.60	9.44	35.38	51.37	68.20	-16.83	HORIZONTAL	Peak	

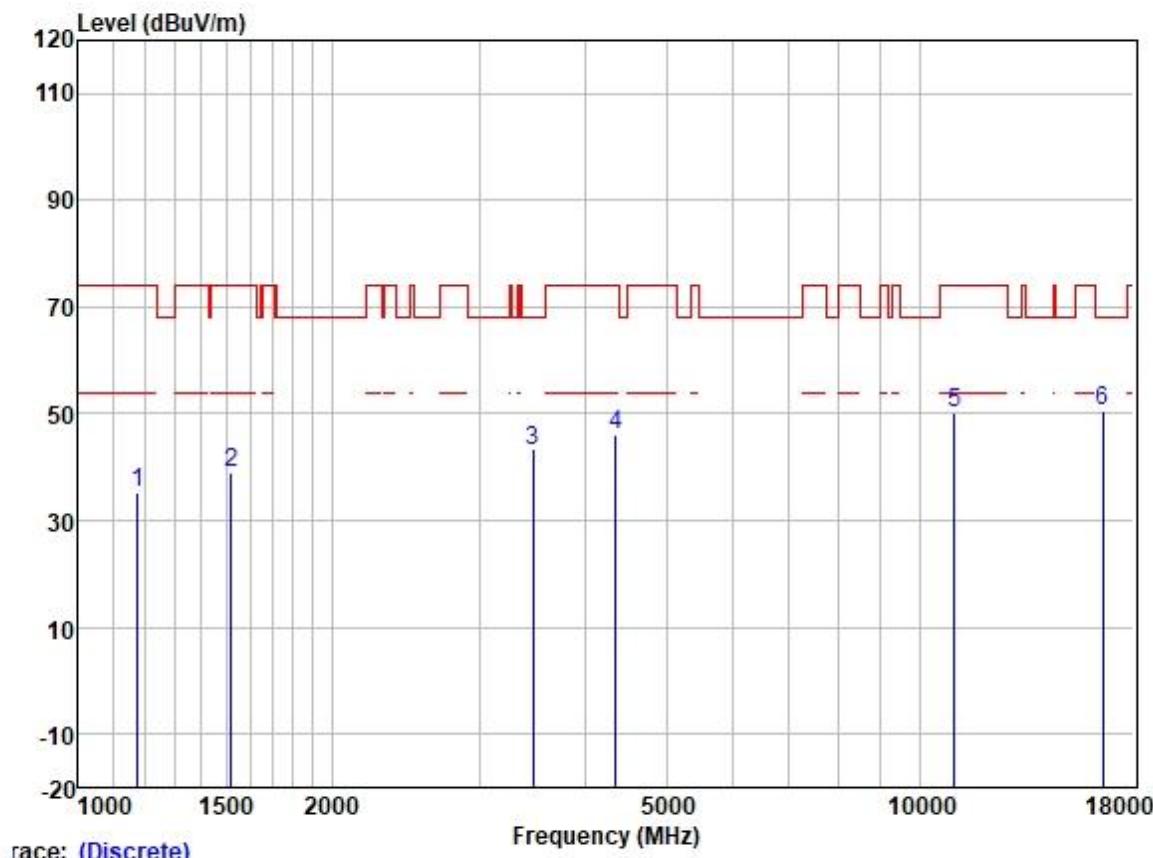
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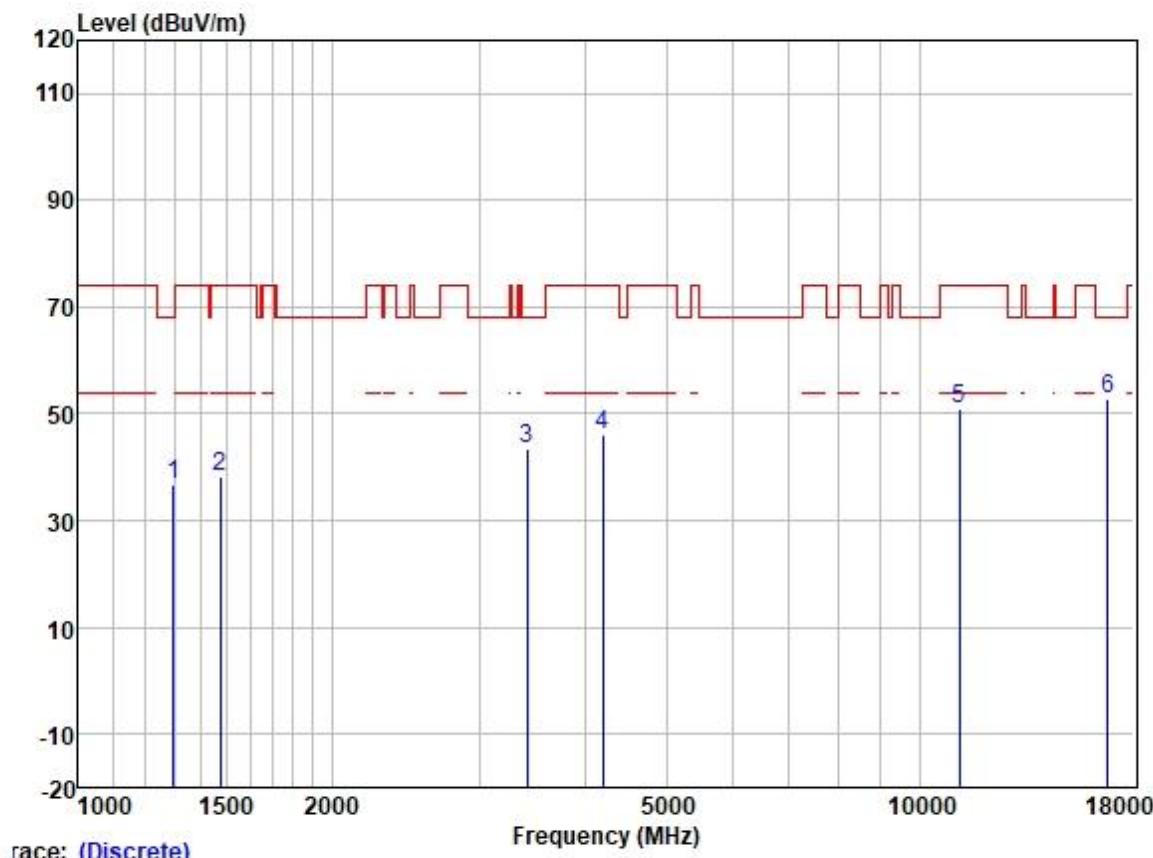
Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1297.103	47.42	25.19	2.58	38.31	36.88	68.20	-31.32	HORIZONTAL	Peak	
2	1473.013	48.09	25.48	2.76	38.13	38.20	74.00	-35.80	HORIZONTAL	Peak	
3	3415.787	47.43	28.85	4.13	36.97	43.44	68.20	-24.76	HORIZONTAL	Peak	
4	4206.011	48.23	30.18	4.60	36.81	46.20	74.00	-27.80	HORIZONTAL	Peak	
5	11160.000	40.27	40.04	7.90	37.21	51.00	74.00	-23.00	HORIZONTAL	Peak	
6	16740.000	38.31	40.49	9.41	35.37	52.84	68.20	-15.36	HORIZONTAL	Peak	

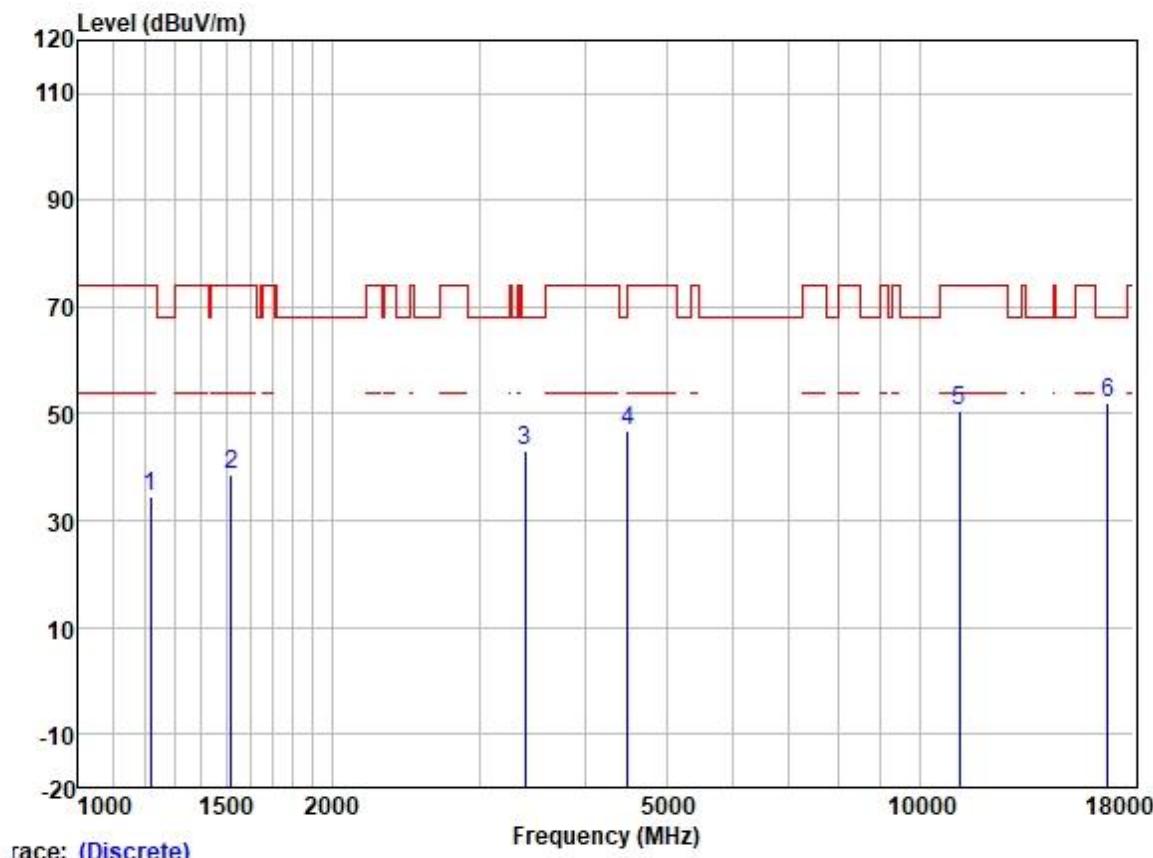
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Mode: (Discrete)

Index	Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
		MHz	dBuV	dB	dB				dBuV/m	dBuV/m	dB			
1	1217.190	45.62	24.79	2.32	38.37	34.36	74.00	-39.64	VERTICAL		-39.64	74.00	VERTICAL	Peak
2	1520.598	48.45	25.51	2.80	38.07	38.69	74.00	-35.31	VERTICAL		-35.31	74.00	VERTICAL	Peak
3	3396.098	47.13	28.84	4.10	36.98	43.09	68.20	-25.11	VERTICAL		-25.11	68.20	VERTICAL	Peak
4	4495.125	47.62	30.80	5.05	36.82	46.65	68.20	-21.55	VERTICAL		-21.55	68.20	VERTICAL	Peak
5	11160.000	39.81	40.04	7.90	37.21	50.54	74.00	-23.46	VERTICAL		-23.46	74.00	VERTICAL	Peak
6	16740.000	37.34	40.49	9.41	35.37	51.87	68.20	-16.33	VERTICAL		-16.33	68.20	VERTICAL	Peak

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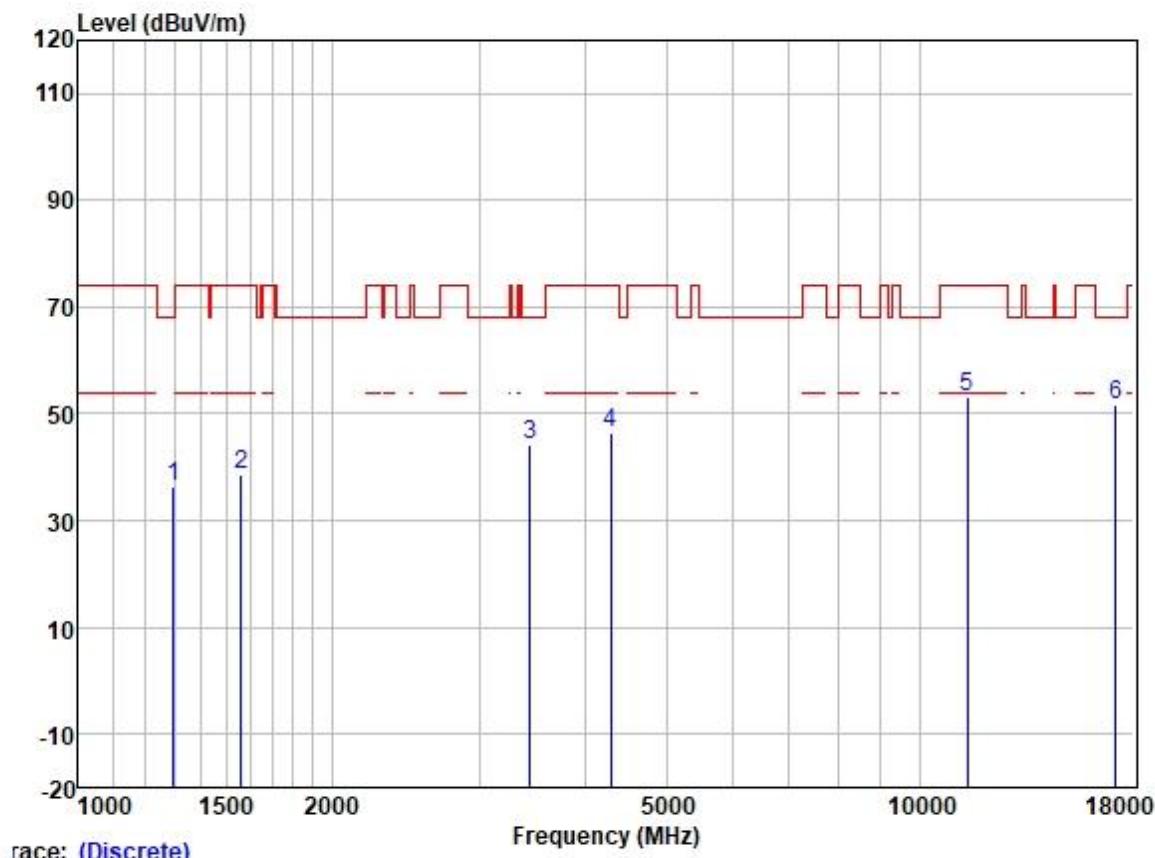
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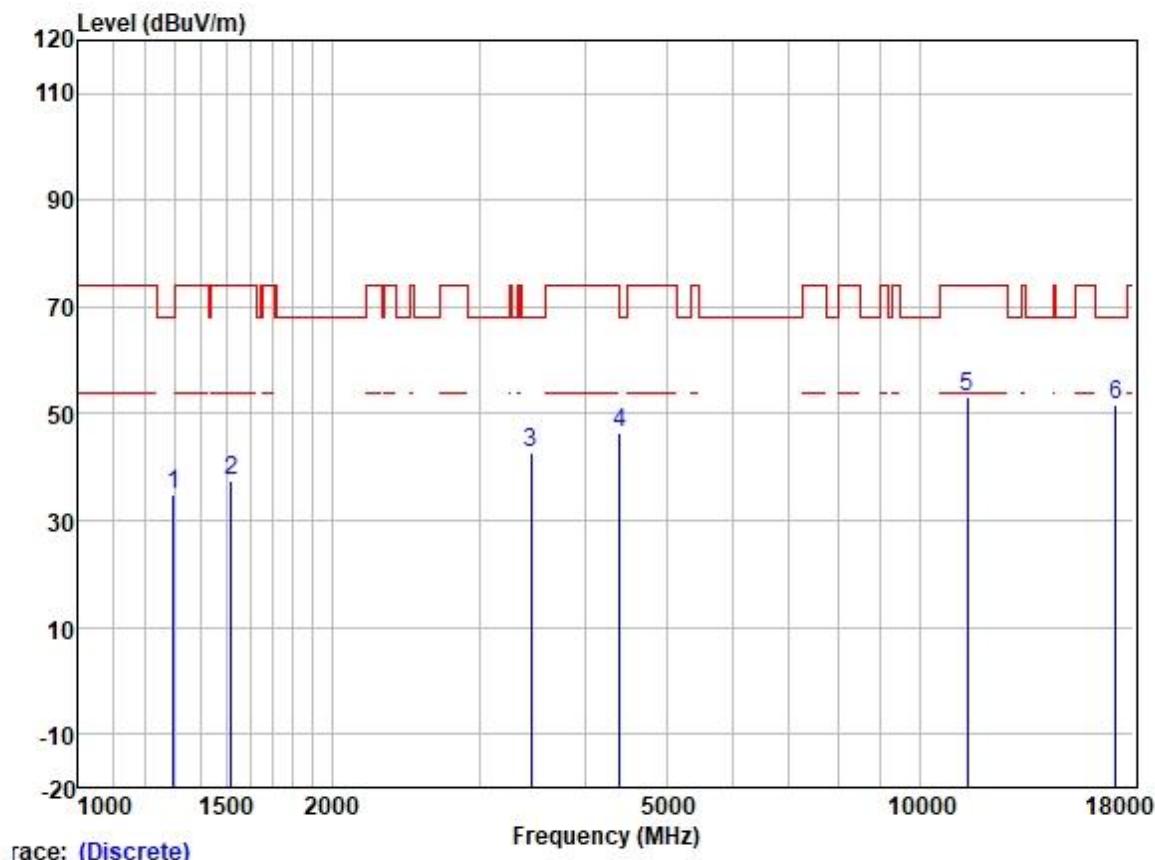
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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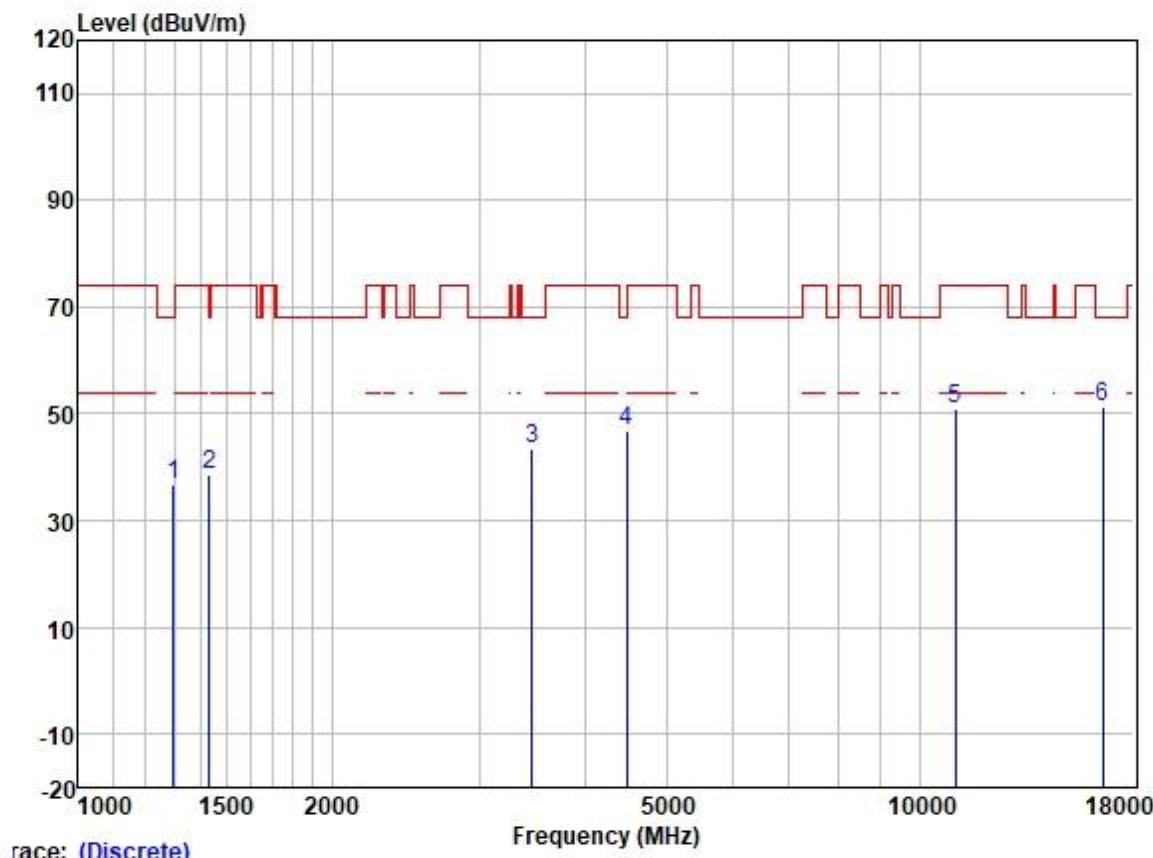
Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1 1297.103	47.41	25.19	2.58	38.31	36.87	68.20	-31.33	HORIZONTAL	Peak				
2 1431.047	48.57	25.43	2.66	38.20	38.46	68.20	-29.74	HORIZONTAL	Peak				
3 3465.510	47.22	28.88	4.22	36.95	43.37	68.20	-24.83	HORIZONTAL	Peak				
4 4482.150	47.84	30.78	4.99	36.81	46.80	68.20	-21.40	HORIZONTAL	Peak				
5 11020.000	40.35	40.10	7.71	37.24	50.92	74.00	-23.08	HORIZONTAL	Peak				
6 16530.000	37.53	39.76	9.44	35.38	51.35	68.20	-16.85	HORIZONTAL	Peak				

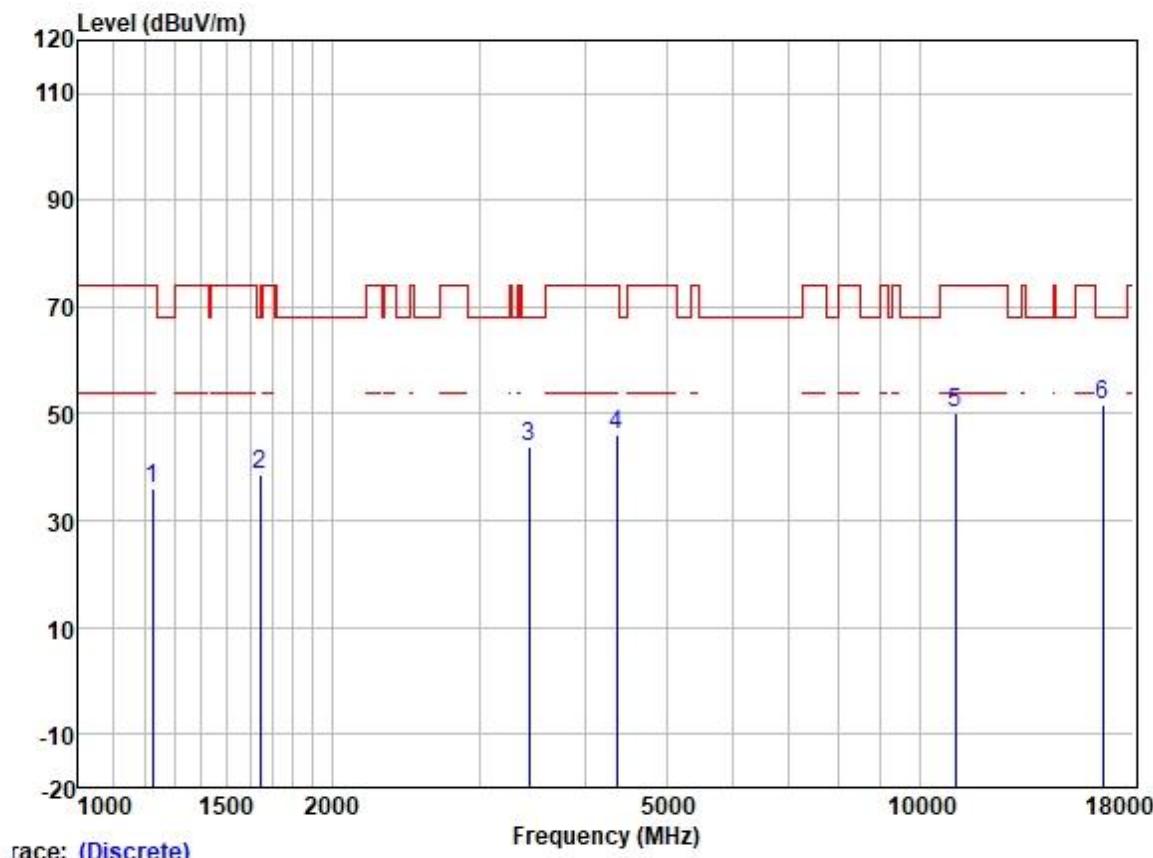
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor	Loss	Factor						
1	1224.247	47.05	24.85	2.31	38.37	35.84	74.00	-38.16	VERTICAL		Peak	
2	1644.019	48.19	25.63	2.80	37.93	38.69	68.20	-29.51	VERTICAL		Peak	
3	3435.590	47.83	28.87	4.16	36.97	43.89	68.20	-24.31	VERTICAL		Peak	
4	4367.058	47.47	30.62	4.68	36.81	45.96	74.00	-28.04	VERTICAL		Peak	
5	11020.000	39.67	40.10	7.71	37.24	50.24	74.00	-23.76	VERTICAL		Peak	
6	16530.000	37.85	39.76	9.44	35.38	51.67	68.20	-16.53	VERTICAL		Peak	

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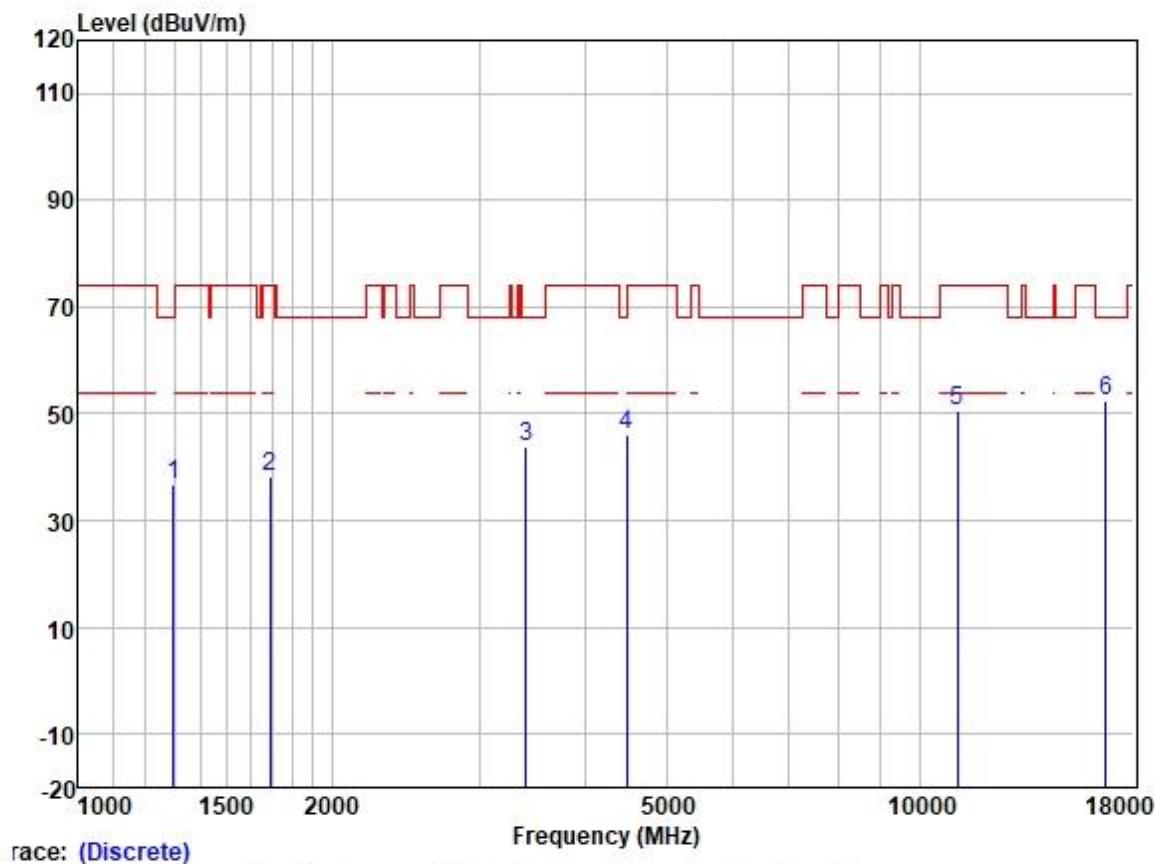


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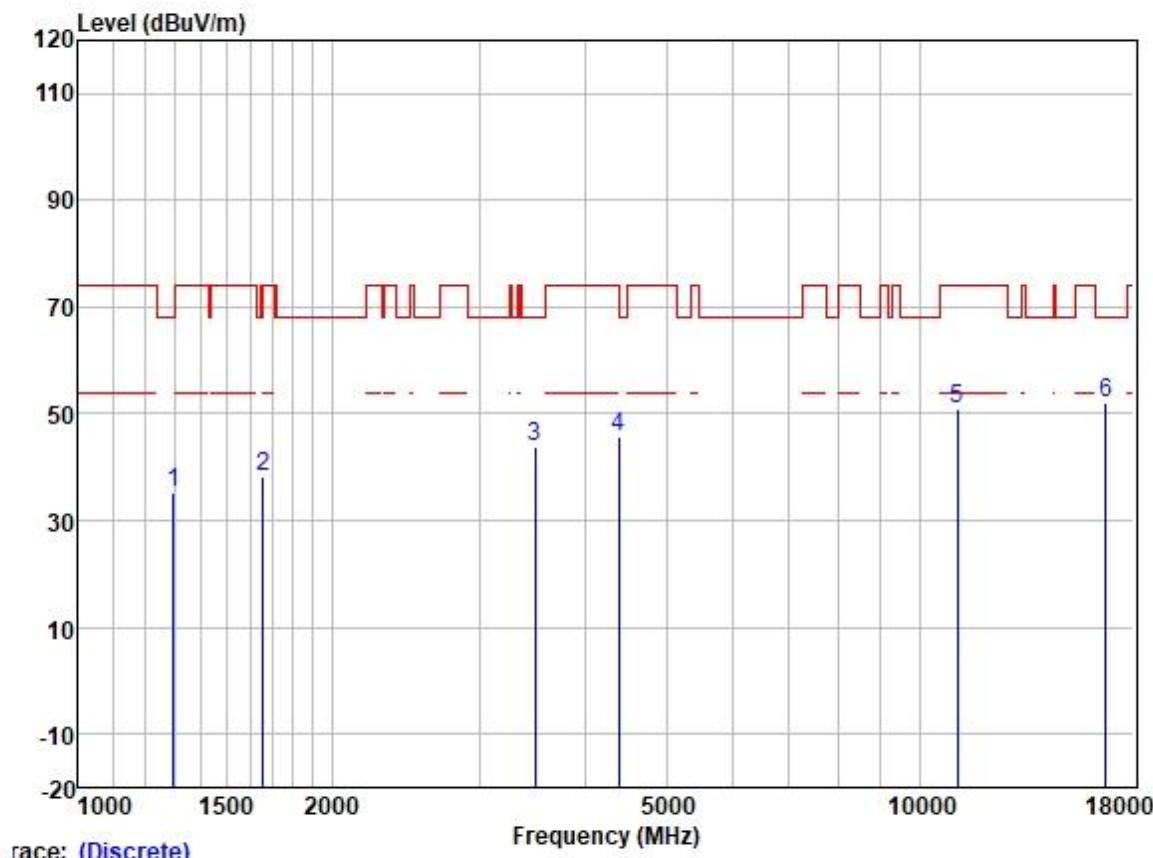
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:middle



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	45.82	25.19	2.58	38.31	35.28	68.20	-32.92	VERTICAL			Peak	
2	1658.337	47.55	25.65	2.80	37.93	38.07	68.20	-30.13	VERTICAL			Peak	
3	3495.691	47.50	28.90	4.30	36.94	43.76	68.20	-24.44	VERTICAL			Peak	
4	4392.376	47.26	30.66	4.70	36.81	45.81	74.00	-28.19	VERTICAL			Peak	
5	11100.000	40.35	40.07	7.82	37.22	51.02	74.00	-22.98	VERTICAL			Peak	
6	16650.000	37.80	40.10	9.43	35.38	51.95	68.20	-16.25	VERTICAL			Peak	

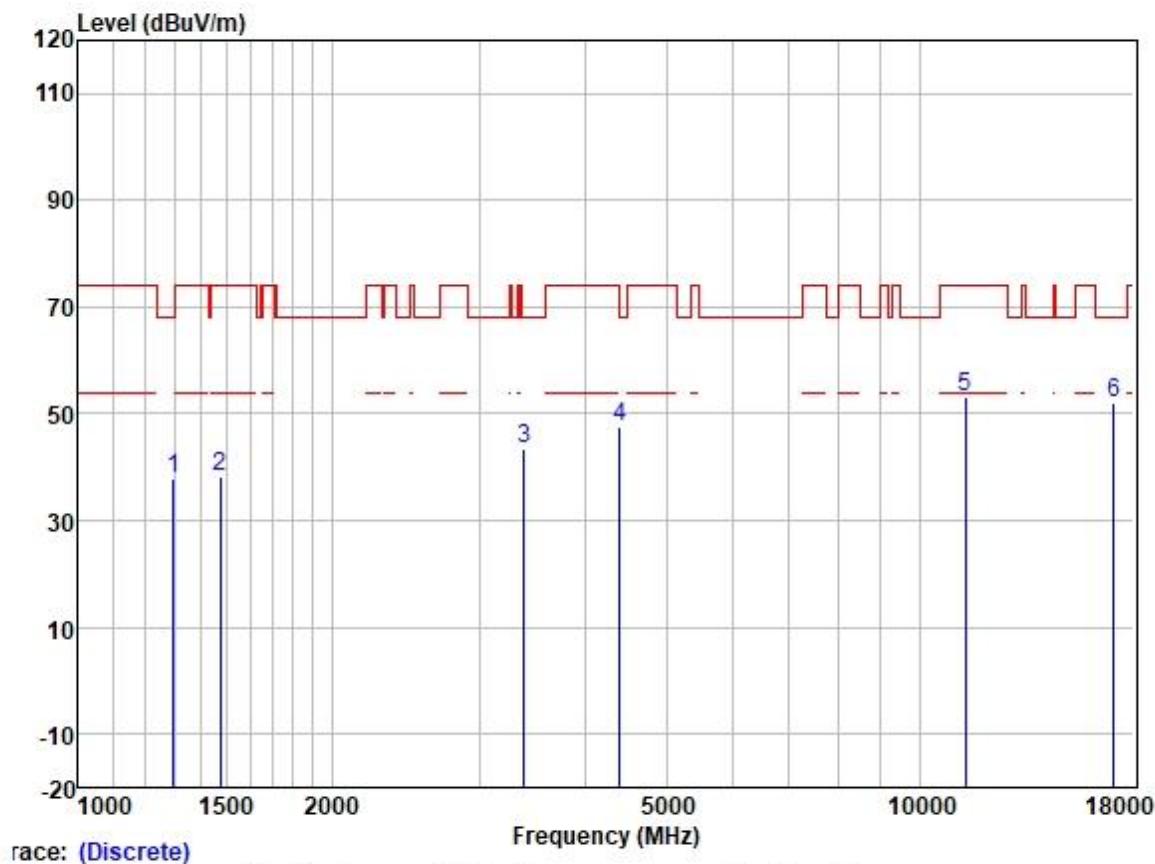
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Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1297.103	48.55	25.19	2.58	38.31	38.01	68.20	-30.19	HORIZONTAL	Peak	
2	1473.013	48.24	25.48	2.76	38.13	38.35	74.00	-35.65	HORIZONTAL	Peak	
3	3386.297	47.38	28.83	4.10	36.99	43.32	68.20	-24.88	HORIZONTAL	Peak	
4	4405.090	49.10	30.68	4.70	36.81	47.67	68.20	-20.53	HORIZONTAL	Peak	
5	11340.000	42.02	39.97	8.18	37.17	53.00	74.00	-21.00	HORIZONTAL	Peak	
6	17010.000	36.23	41.75	9.39	35.35	52.02	68.20	-16.18	HORIZONTAL	Peak	

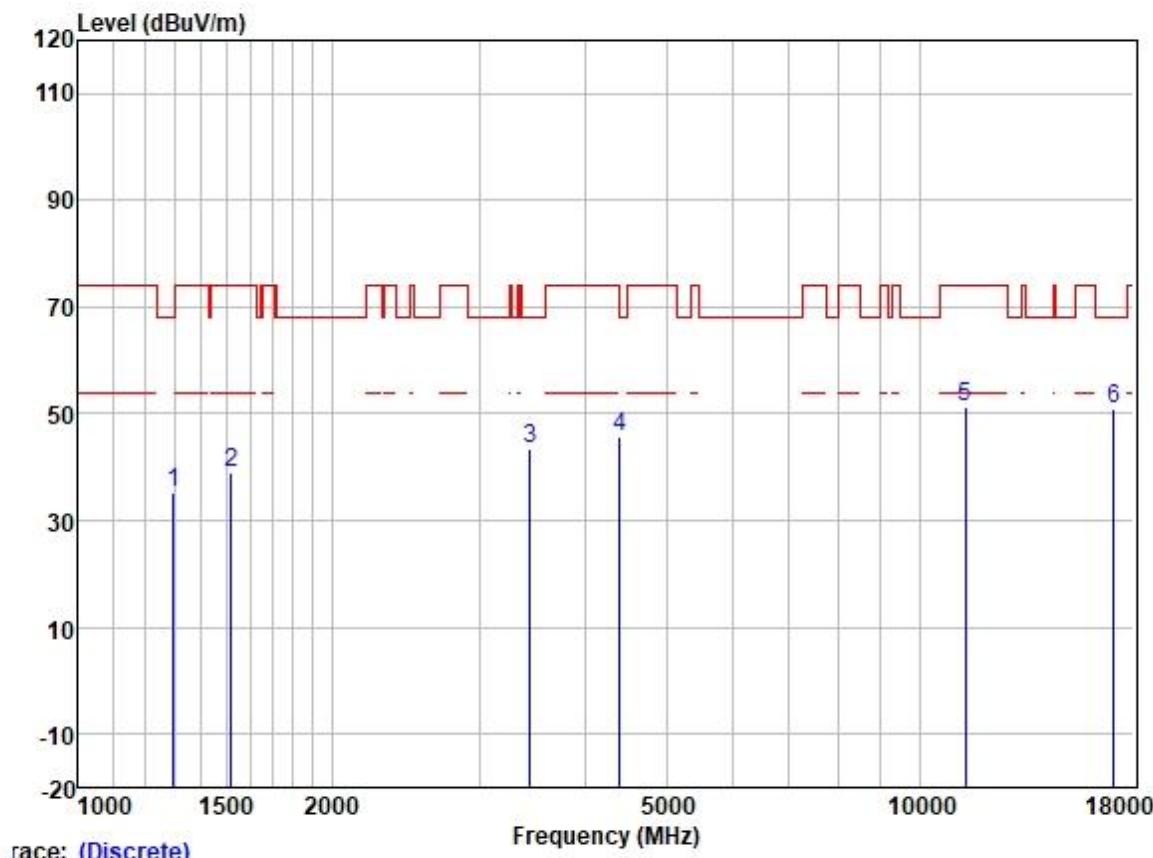
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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	1297.103	45.96	25.19	2.58	38.31	35.42	68.20	-32.78	VERTICAL	Peak	
2	1520.598	48.74	25.51	2.80	38.07	38.98	74.00	-35.02	VERTICAL	Peak	
3	3445.535	47.24	28.87	4.18	36.96	43.33	68.20	-24.87	VERTICAL	Peak	
4	4405.090	47.03	30.68	4.70	36.81	45.60	68.20	-22.60	VERTICAL	Peak	
5	11340.000	40.27	39.97	8.18	37.17	51.25	74.00	-22.75	VERTICAL	Peak	
6	17010.000	35.20	41.75	9.39	35.35	50.99	68.20	-17.21	VERTICAL	Peak	

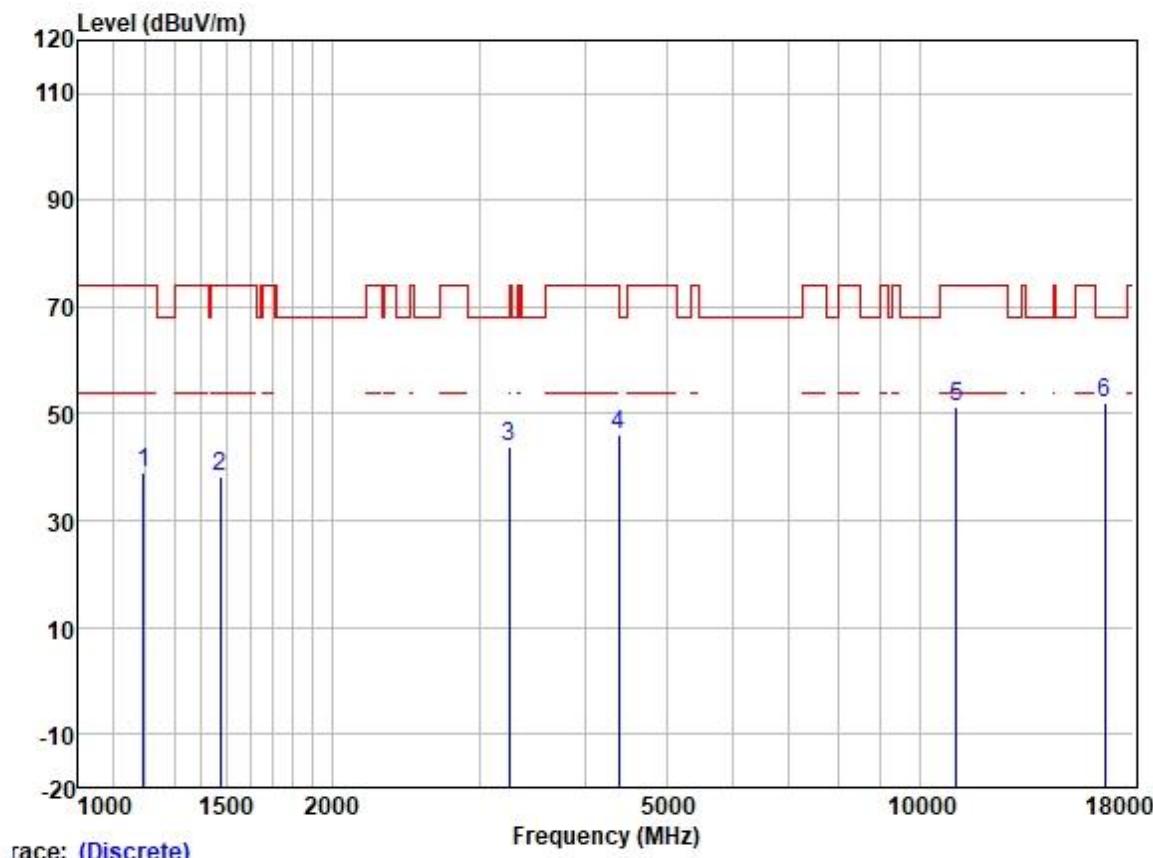
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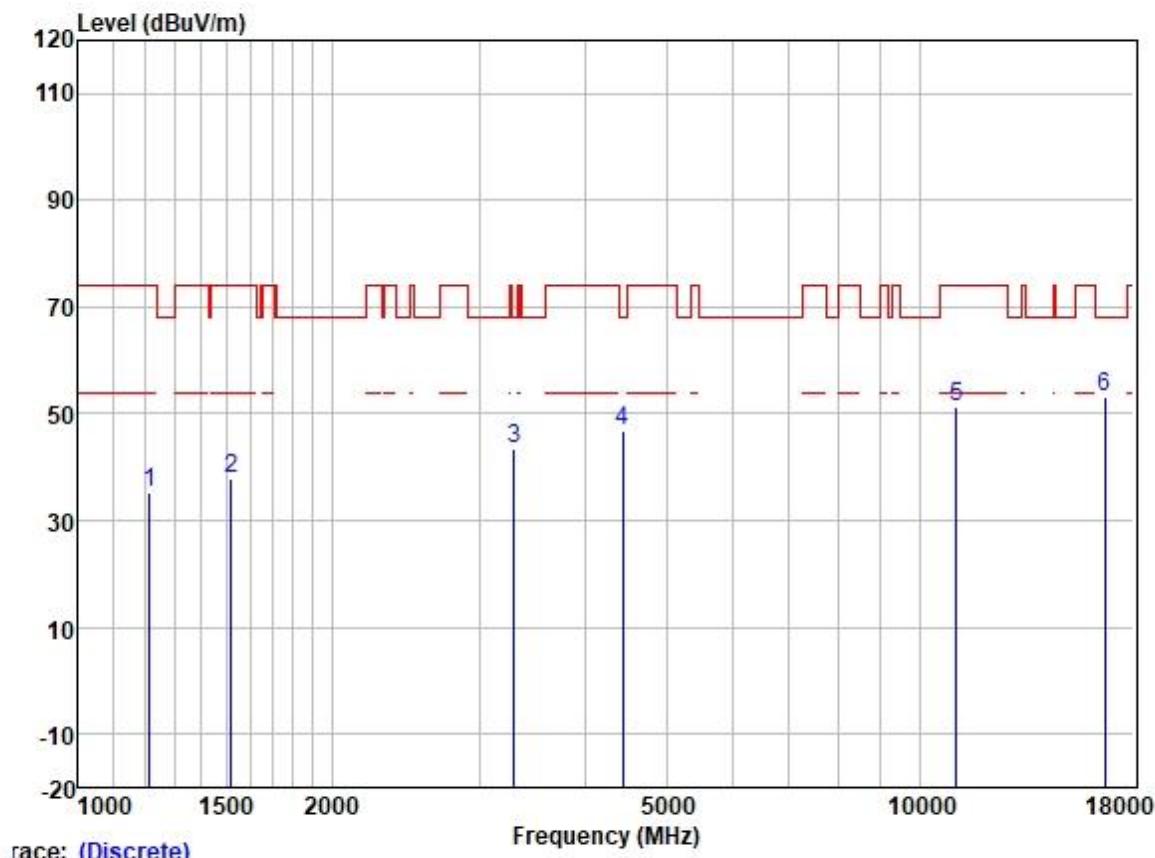
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



Trace: (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	1213.677	46.62	24.77	2.32	38.37	35.34	74.00	-38.66	VERTICAL	Peak	
2	1520.598	47.59	25.51	2.80	38.07	37.83	74.00	-36.17	VERTICAL	Peak	
3	3299.344	47.65	28.75	4.06	37.03	43.43	68.20	-24.77	VERTICAL	Peak	
4	4443.453	48.15	30.73	4.83	36.81	46.90	68.20	-21.30	VERTICAL	Peak	
5	11060.000	40.71	40.09	7.74	37.23	51.31	74.00	-22.69	VERTICAL	Peak	
6	16590.000	39.21	39.93	9.43	35.38	53.19	68.20	-15.01	VERTICAL	Peak	

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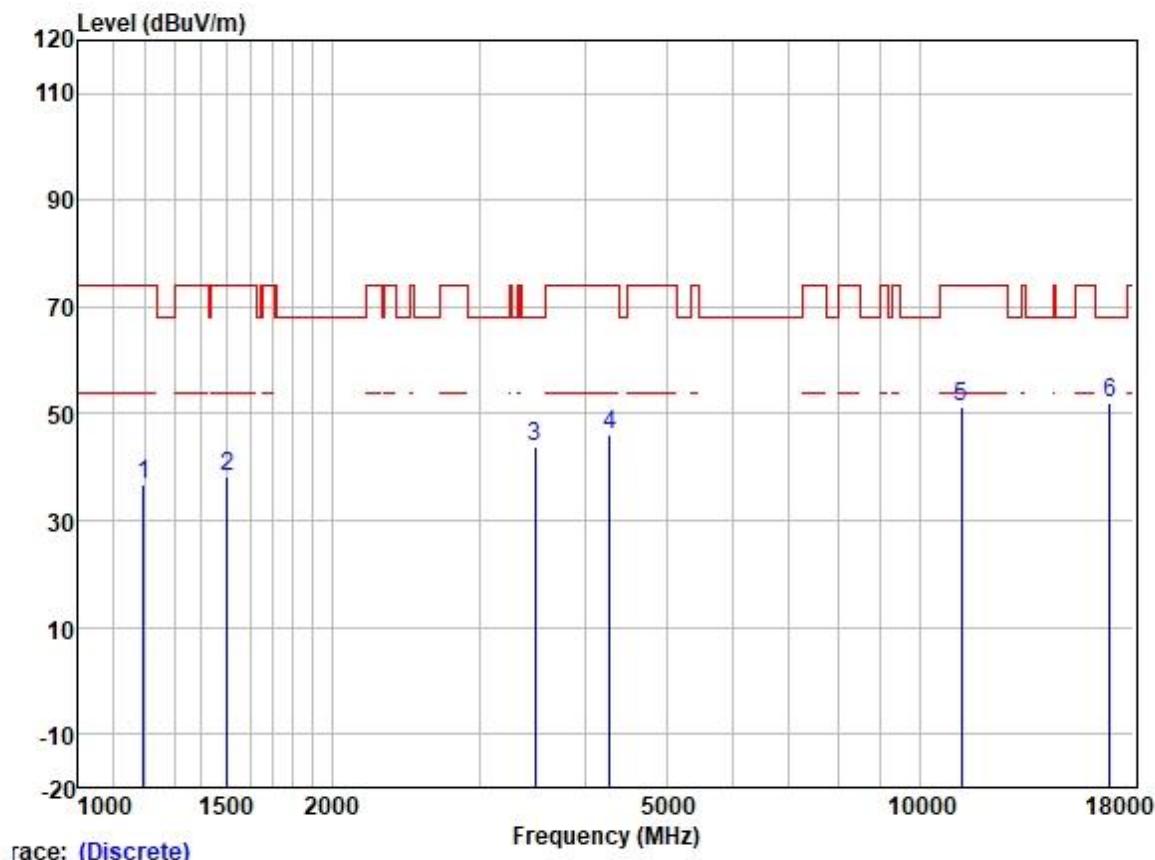
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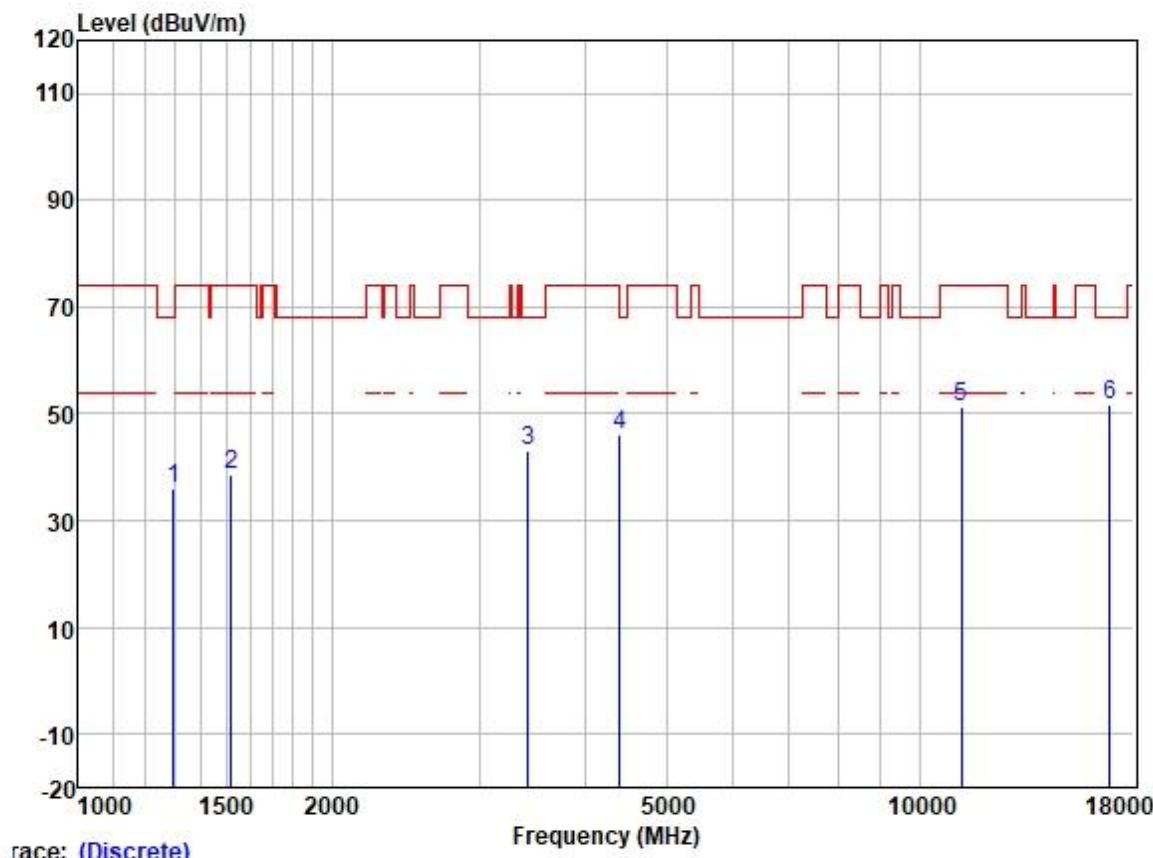
Test Mode: 06; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



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Test Mode: 06; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1 1297.103	46.47	25.19	2.58	38.31	35.93	68.20	-32.27	VERTICAL				Peak	
2 1520.598	48.48	25.51	2.80	38.07	38.72	74.00	-35.28	VERTICAL				Peak	
3 3425.675	47.02	28.86	4.15	36.97	43.06	68.20	-25.14	VERTICAL				Peak	
4 4405.090	47.52	30.68	4.70	36.81	46.09	68.20	-22.11	VERTICAL				Peak	
5 11220.000	40.36	40.03	7.95	37.19	51.15	74.00	-22.85	VERTICAL				Peak	
6 16830.000	36.77	40.94	9.40	35.37	51.74	68.20	-16.46	VERTICAL				Peak	

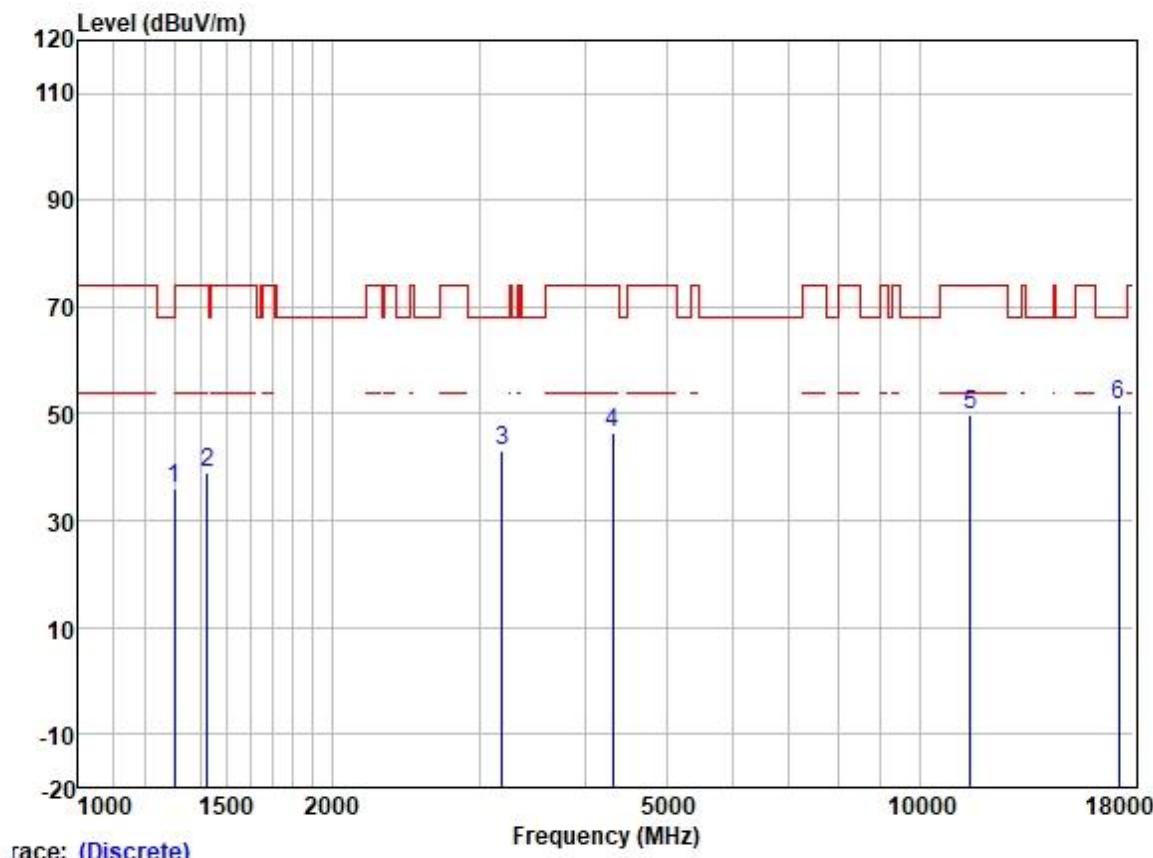
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor	Loss	Factor						
1	1300.858	46.61	25.20	2.60	38.31	36.10	74.00	-37.90	HORIZONTAL	Peak		
2	1422.798	49.22	25.42	2.64	38.20	39.08	74.00	-34.92	HORIZONTAL	Peak		
3	3186.869	47.47	28.57	3.99	37.10	42.93	68.20	-25.27	HORIZONTAL	Peak		
4	4316.859	48.08	30.51	4.66	36.81	46.44	74.00	-27.56	HORIZONTAL	Peak		
5	11490.000	38.73	39.90	8.41	37.15	49.89	74.00	-24.11	HORIZONTAL	Peak		
6	17235.000	34.00	43.01	10.08	35.33	51.76	68.20	-16.44	HORIZONTAL	Peak		

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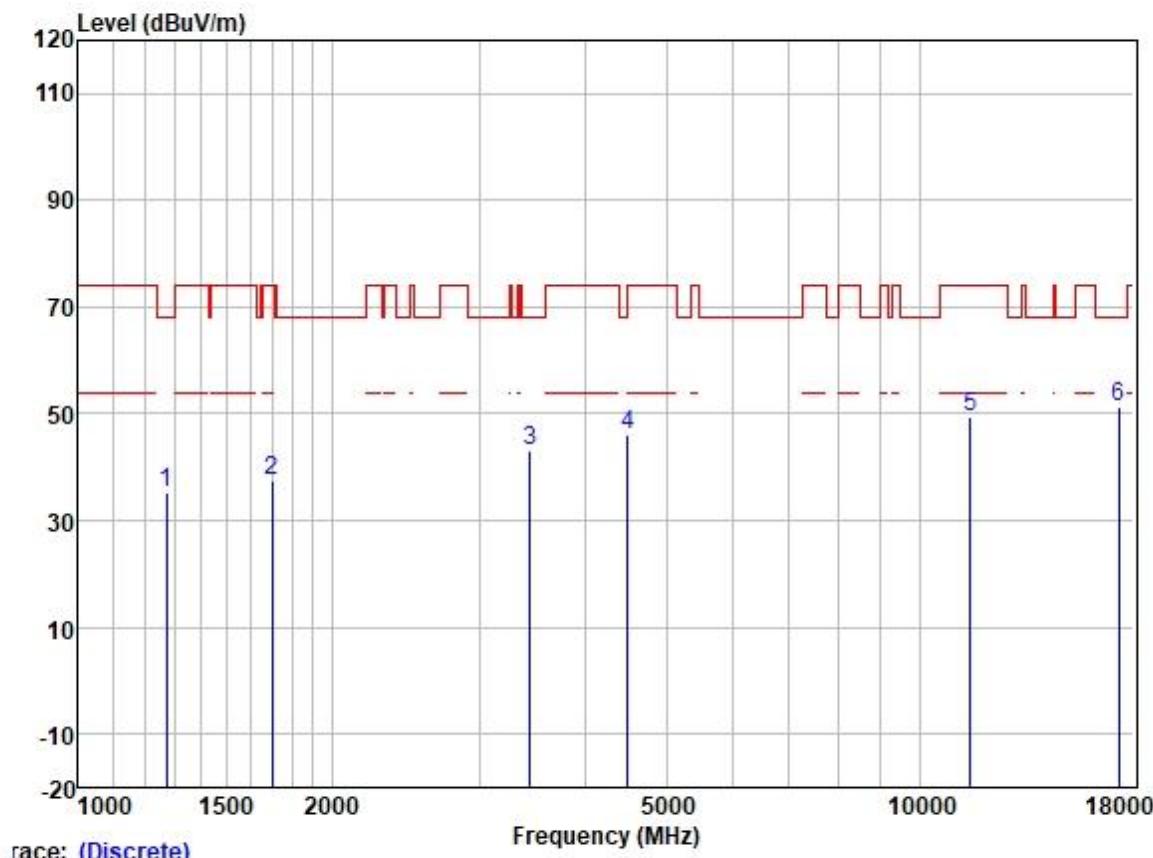
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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB									
1	1271.123	45.87	25.11	2.46	38.33	35.11	68.20	-33.09	VERTICAL		Peak		
2	1697.129	46.95	25.71	2.80	37.89	37.57	74.00	-36.43	VERTICAL		Peak		
3	3445.535	47.04	28.87	4.18	36.96	43.13	68.20	-25.07	VERTICAL		Peak		
4	4495.125	46.92	30.80	5.05	36.82	45.95	68.20	-22.25	VERTICAL		Peak		
5	11490.000	38.33	39.90	8.41	37.15	49.49	74.00	-24.51	VERTICAL		Peak		
6	17235.000	33.55	43.01	10.08	35.33	51.31	68.20	-16.89	VERTICAL		Peak		

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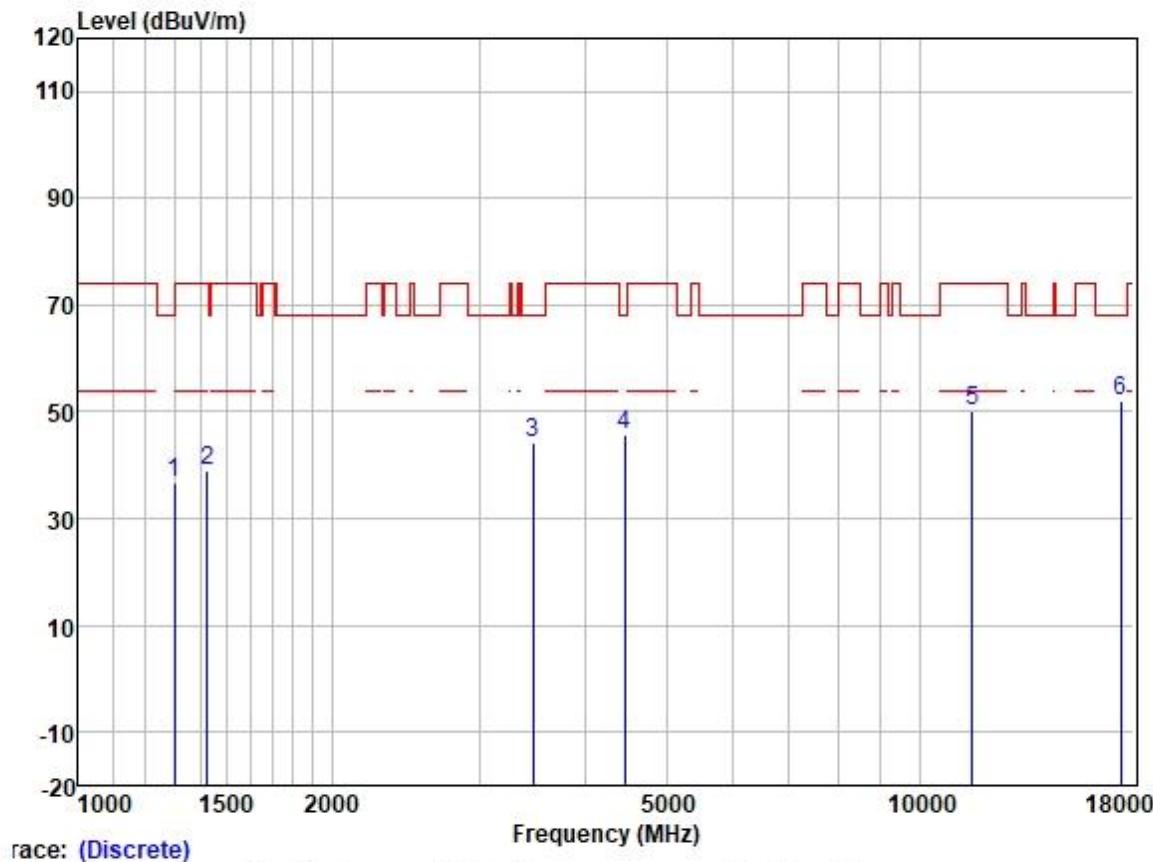
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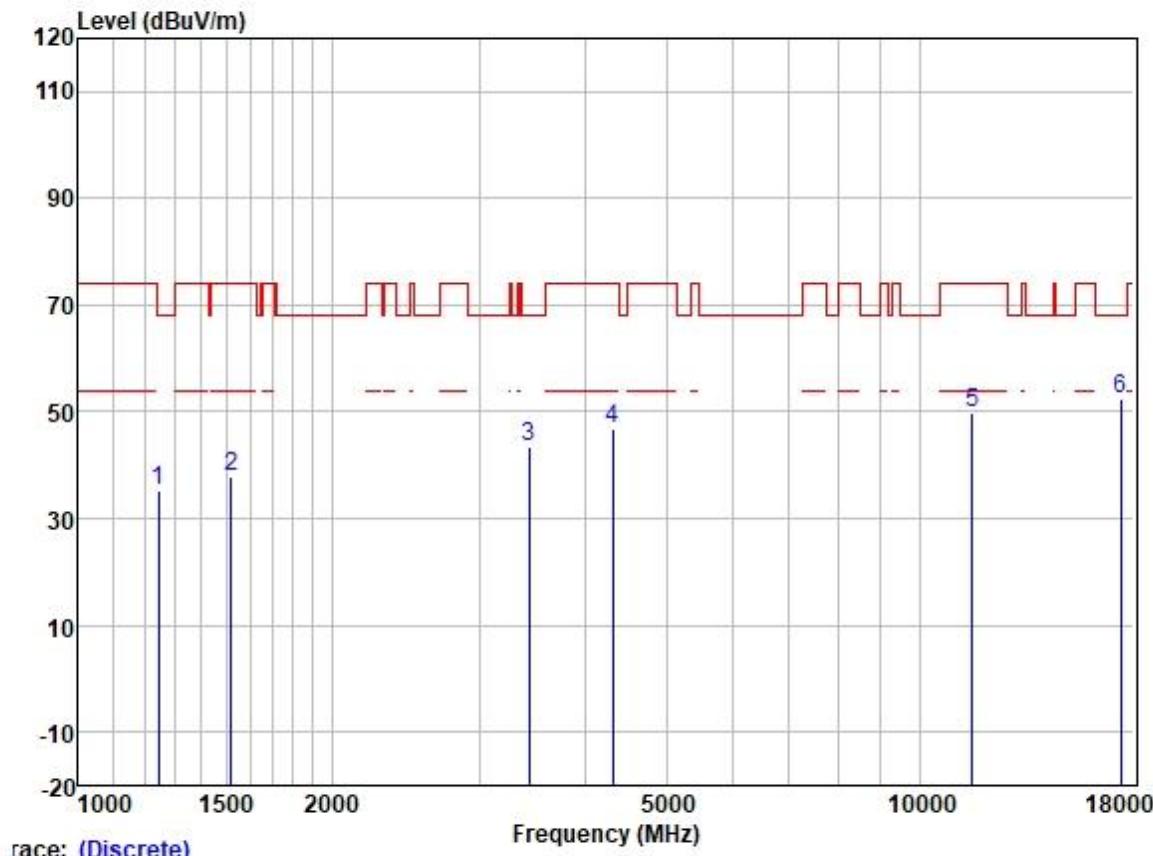
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1 1245.663	46.20	25.00	2.33	38.35	35.18	68.20	-33.02	VERTICAL				Peak	
2 1520.598	47.73	25.51	2.80	38.07	37.97	74.00	-36.03	VERTICAL				Peak	
3 3435.590	47.49	28.87	4.16	36.97	43.55	68.20	-24.65	VERTICAL				Peak	
4 4316.859	48.33	30.51	4.66	36.81	46.69	74.00	-27.31	VERTICAL				Peak	
5 11570.000	38.94	39.78	8.38	37.14	49.96	74.00	-24.04	VERTICAL				Peak	
6 17355.000	34.03	43.40	10.39	35.32	52.50	68.20	-15.70	VERTICAL				Peak	

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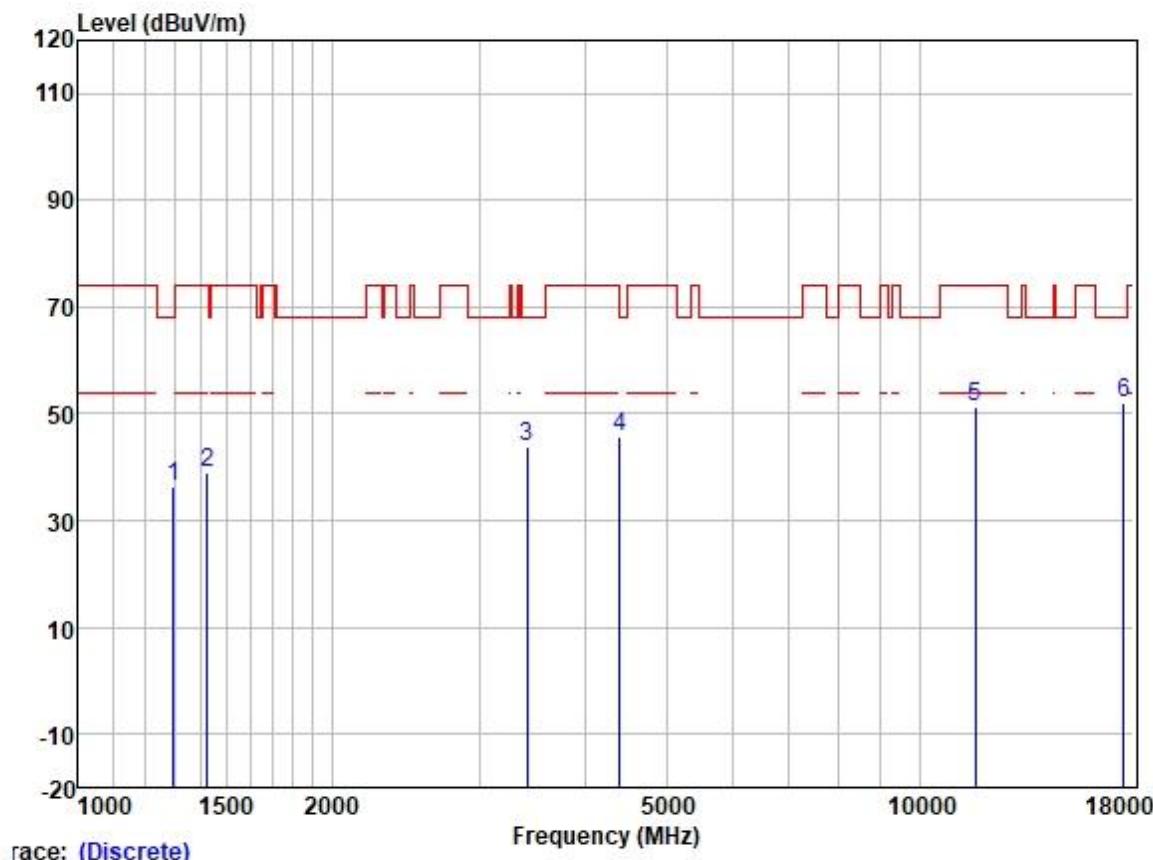
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	47.08	25.19	2.58	38.31	36.54	68.20	-31.66	HORIZONTAL	Peak			
2	1422.798	49.00	25.42	2.64	38.20	38.86	74.00	-35.14	HORIZONTAL	Peak			
3	3415.787	47.67	28.85	4.13	36.97	43.68	68.20	-24.52	HORIZONTAL	Peak			
4	4405.090	47.14	30.68	4.70	36.81	45.71	68.20	-22.49	HORIZONTAL	Peak			
5	11650.000	40.35	39.65	8.35	37.13	51.22	74.00	-22.78	HORIZONTAL	Peak			
6	17475.000	32.85	43.90	10.77	35.32	52.20	68.20	-16.00	HORIZONTAL	Peak			

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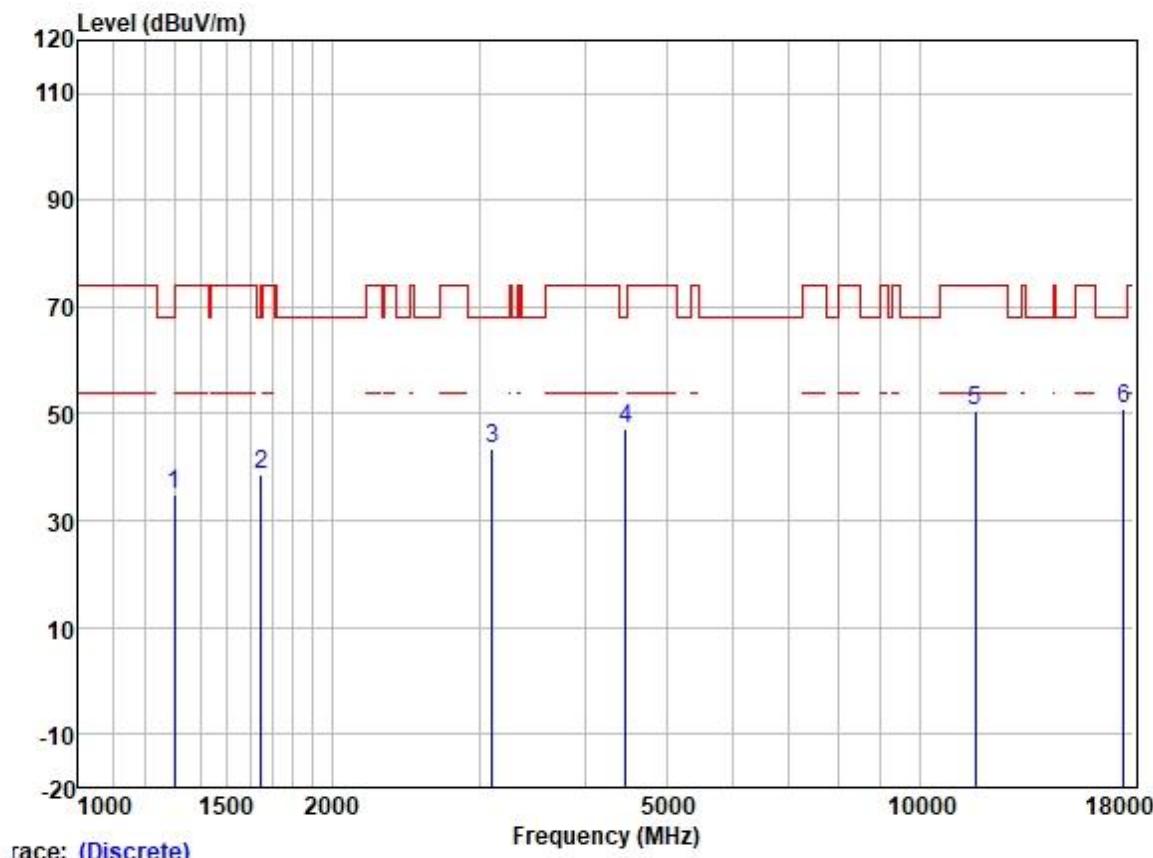
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Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	1300.858	45.43	25.20	2.60	38.31	34.92	74.00	-39.08	VERTICAL	Peak	
2	1648.778	47.95	25.63	2.80	37.93	38.45	68.20	-29.75	VERTICAL	Peak	
3	3105.037	48.08	28.48	3.91	37.16	43.31	68.20	-24.89	VERTICAL	Peak	
4	4469.214	48.20	30.77	4.93	36.81	47.09	68.20	-21.11	VERTICAL	Peak	
5	11650.000	39.58	39.65	8.35	37.13	50.45	74.00	-23.55	VERTICAL	Peak	
6	17475.000	31.64	43.90	10.77	35.32	50.99	68.20	-17.21	VERTICAL	Peak	

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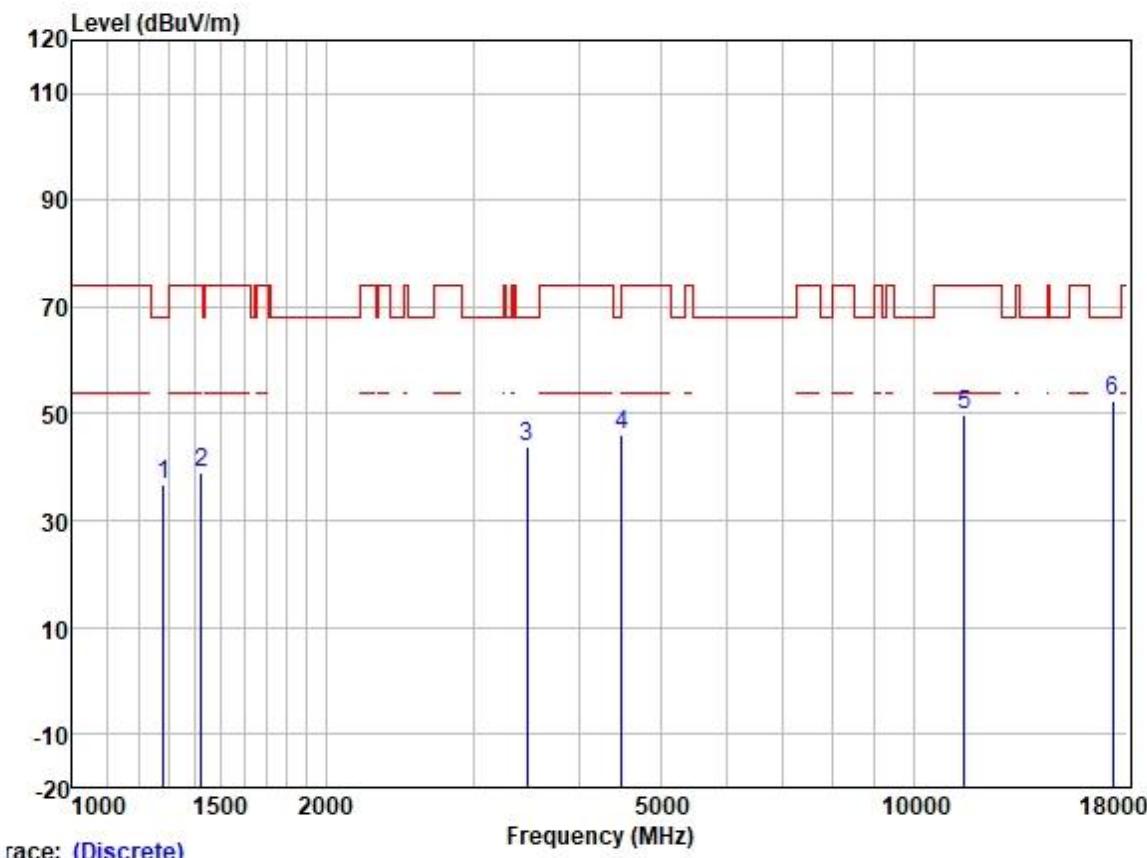
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1	1282.193	47.51	25.15	2.52	38.33	36.85	68.20	-31.35	HORIZONTAL	Peak			
2	1422.798	49.30	25.42	2.64	38.20	39.16	74.00	-34.84	HORIZONTAL	Peak			
3	3475.541	47.61	28.89	4.25	36.95	43.80	68.20	-24.40	HORIZONTAL	Peak			
4	4495.125	47.03	30.80	5.05	36.82	46.06	68.20	-22.14	HORIZONTAL	Peak			
5	11490.000	38.64	39.90	8.41	37.15	49.80	74.00	-24.20	HORIZONTAL	Peak			
6	17235.000	34.64	43.01	10.08	35.33	52.40	68.20	-15.80	HORIZONTAL	Peak			

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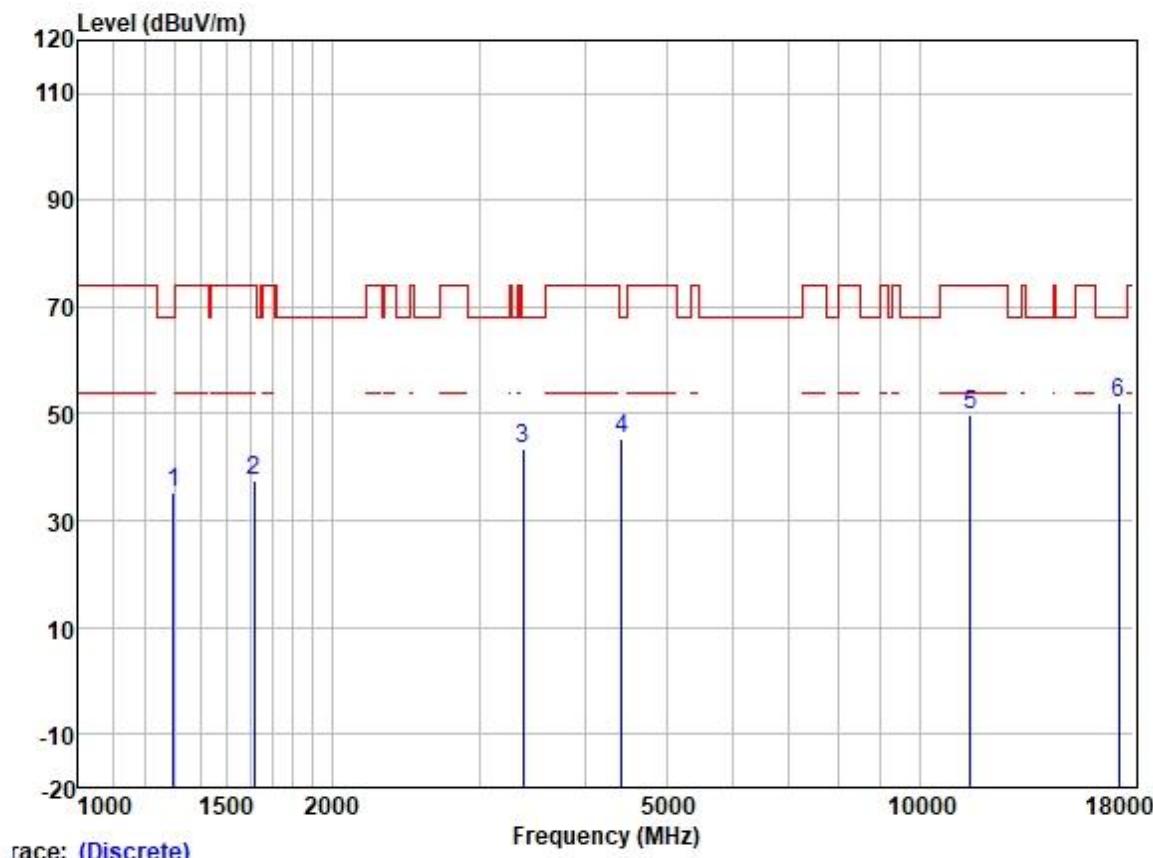
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	1297.103	45.61	25.19	2.58	38.31	35.07	68.20	-33.13	VERTICAL	Peak	
2	1615.754	47.07	25.60	2.80	37.95	37.52	74.00	-36.48	VERTICAL	Peak	
3	3376.523	47.44	28.83	4.09	36.99	43.37	68.20	-24.83	VERTICAL	Peak	
4	4430.628	46.61	30.72	4.78	36.81	45.30	68.20	-22.90	VERTICAL	Peak	
5	11490.000	38.65	39.90	8.41	37.15	49.81	74.00	-24.19	VERTICAL	Peak	
6	17235.000	34.42	43.01	10.08	35.33	52.18	68.20	-16.02	VERTICAL	Peak	

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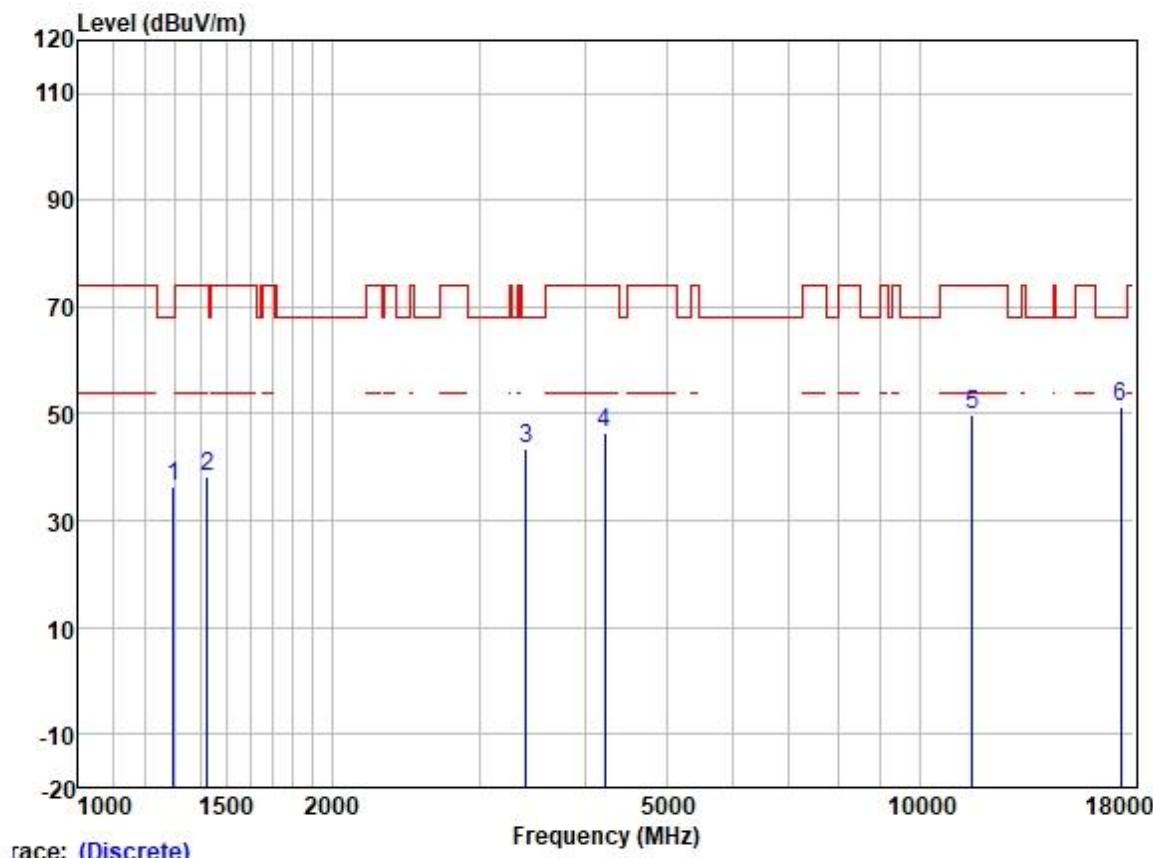


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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	46.85	25.19	2.58	38.31	36.31	68.20	-31.89	HORIZONTAL	Peak			
2	1422.798	48.35	25.42	2.64	38.20	38.21	74.00	-35.79	HORIZONTAL	Peak			
3	3405.929	47.53	28.85	4.11	36.98	43.51	68.20	-24.69	HORIZONTAL	Peak			
4	4230.396	48.21	30.26	4.61	36.81	46.27	74.00	-27.73	HORIZONTAL	Peak			
5	11570.000	38.80	39.78	8.38	37.14	49.82	74.00	-24.18	HORIZONTAL	Peak			
6	17355.000	33.01	43.40	10.39	35.32	51.48	68.20	-16.72	HORIZONTAL	Peak			

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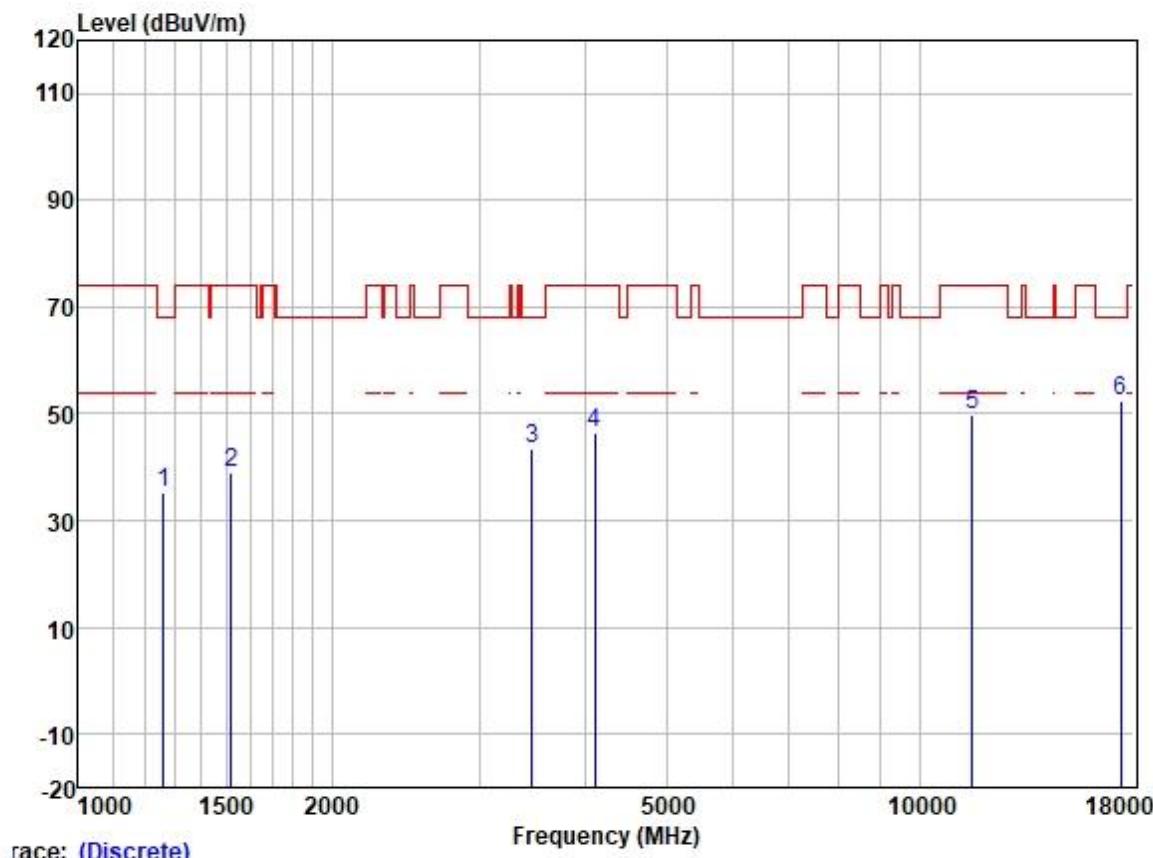
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1263.796	46.10	25.08	2.42	38.33	35.27	68.20	-32.93	VERTICAL	Peak			
2	1520.598	48.68	25.51	2.80	38.07	38.92	74.00	-35.08	VERTICAL	Peak			
3	3465.510	47.25	28.88	4.22	36.95	43.40	68.20	-24.80	VERTICAL	Peak			
4	4109.872	48.70	29.96	4.60	36.80	46.46	74.00	-27.54	VERTICAL	Peak			
5	11570.000	38.85	39.78	8.38	37.14	49.87	74.00	-24.13	VERTICAL	Peak			
6	17355.000	33.94	43.40	10.39	35.32	52.41	68.20	-15.79	VERTICAL	Peak			

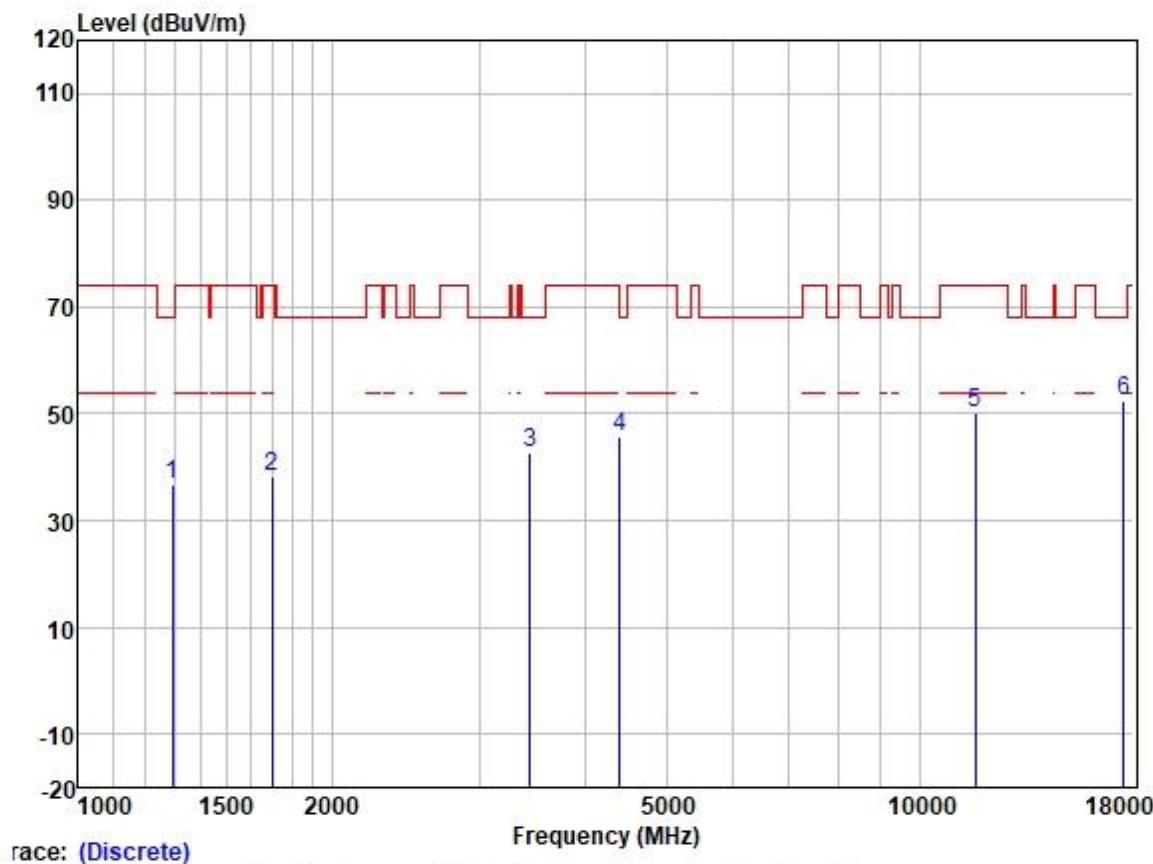
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	1293.359	47.20	25.18	2.57	38.31	36.64	68.20	-31.56	HORIZONTAL	Peak	
2	1697.129	47.60	25.71	2.80	37.89	38.22	74.00	-35.78	HORIZONTAL	Peak	
3	3445.535	46.73	28.87	4.18	36.96	42.82	68.20	-25.38	HORIZONTAL	Peak	
4	4405.090	47.23	30.68	4.70	36.81	45.80	68.20	-22.40	HORIZONTAL	Peak	
5	11650.000	39.31	39.65	8.35	37.13	50.18	74.00	-23.82	HORIZONTAL	Peak	
6	17475.000	33.01	43.90	10.77	35.32	52.36	68.20	-15.84	HORIZONTAL	Peak	

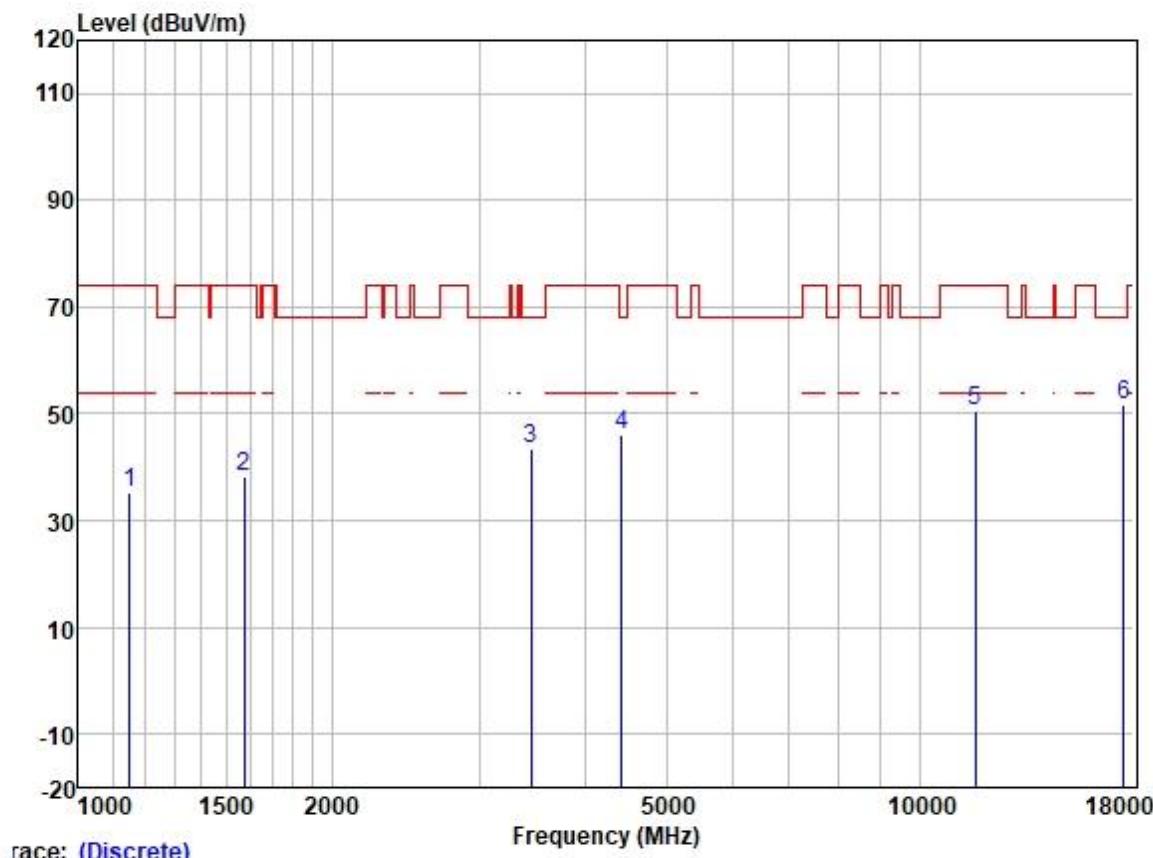
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1152.148	46.76	24.50	2.36	38.42	35.20	74.00	-38.80	VERTICAL		Peak		
2	1574.265	48.03	25.56	2.80	38.00	38.39	74.00	-35.61	VERTICAL		Peak		
3	3455.508	47.34	28.88	4.20	36.96	43.46	68.20	-24.74	VERTICAL		Peak		
4	4430.628	47.32	30.72	4.78	36.81	46.01	68.20	-22.19	VERTICAL		Peak		
5	11650.000	39.58	39.65	8.35	37.13	50.45	74.00	-23.55	VERTICAL		Peak		
6	17475.000	32.26	43.90	10.77	35.32	51.61	68.20	-16.59	VERTICAL		Peak		

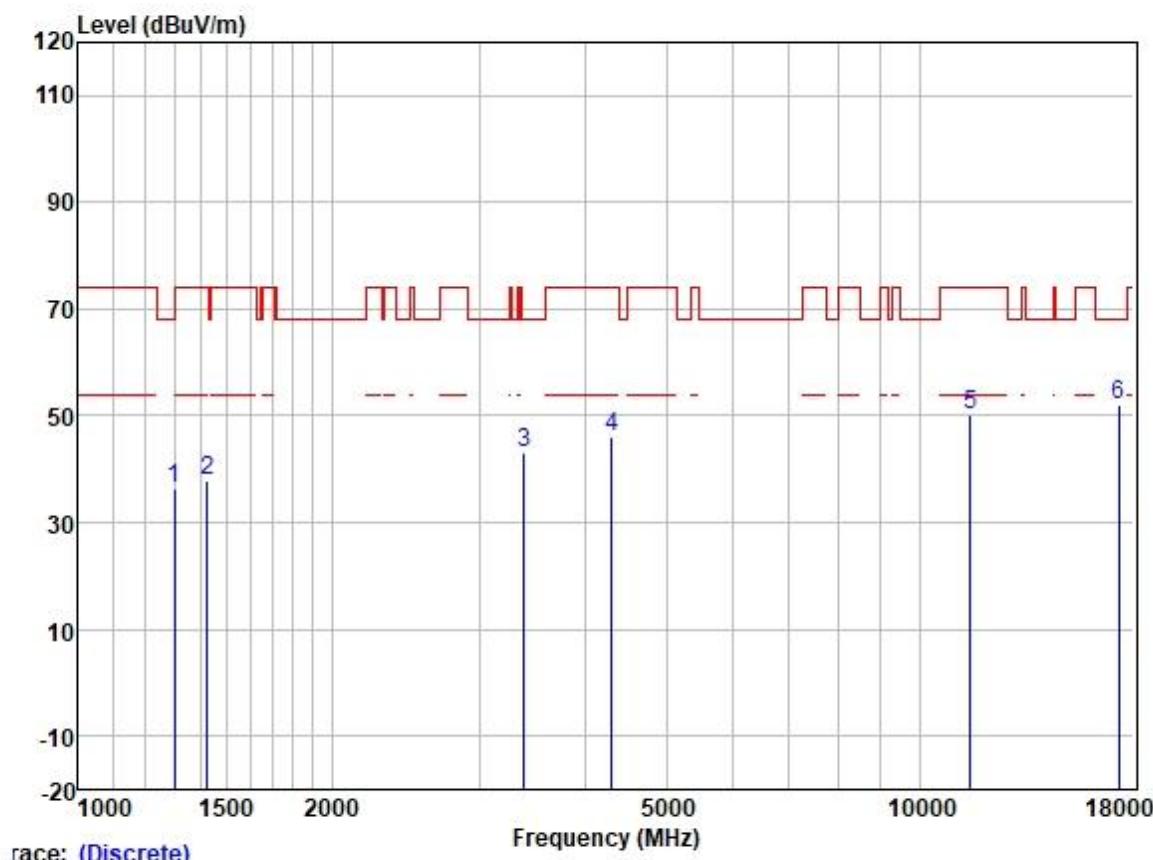
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	1300.858	46.96	25.20	2.60	38.31	36.45	74.00	-37.55	HORIZONTAL	Peak	
2	1422.798	48.18	25.42	2.64	38.20	38.04	74.00	-35.96	HORIZONTAL	Peak	
3	3386.297	46.98	28.83	4.10	36.99	42.92	68.20	-25.28	HORIZONTAL	Peak	
4	4304.400	47.79	30.48	4.65	36.81	46.11	74.00	-27.89	HORIZONTAL	Peak	
5	11510.000	39.09	39.90	8.41	37.15	50.25	74.00	-23.75	HORIZONTAL	Peak	
6	17265.000	33.94	43.21	10.24	35.33	52.06	68.20	-16.14	HORIZONTAL	Peak	

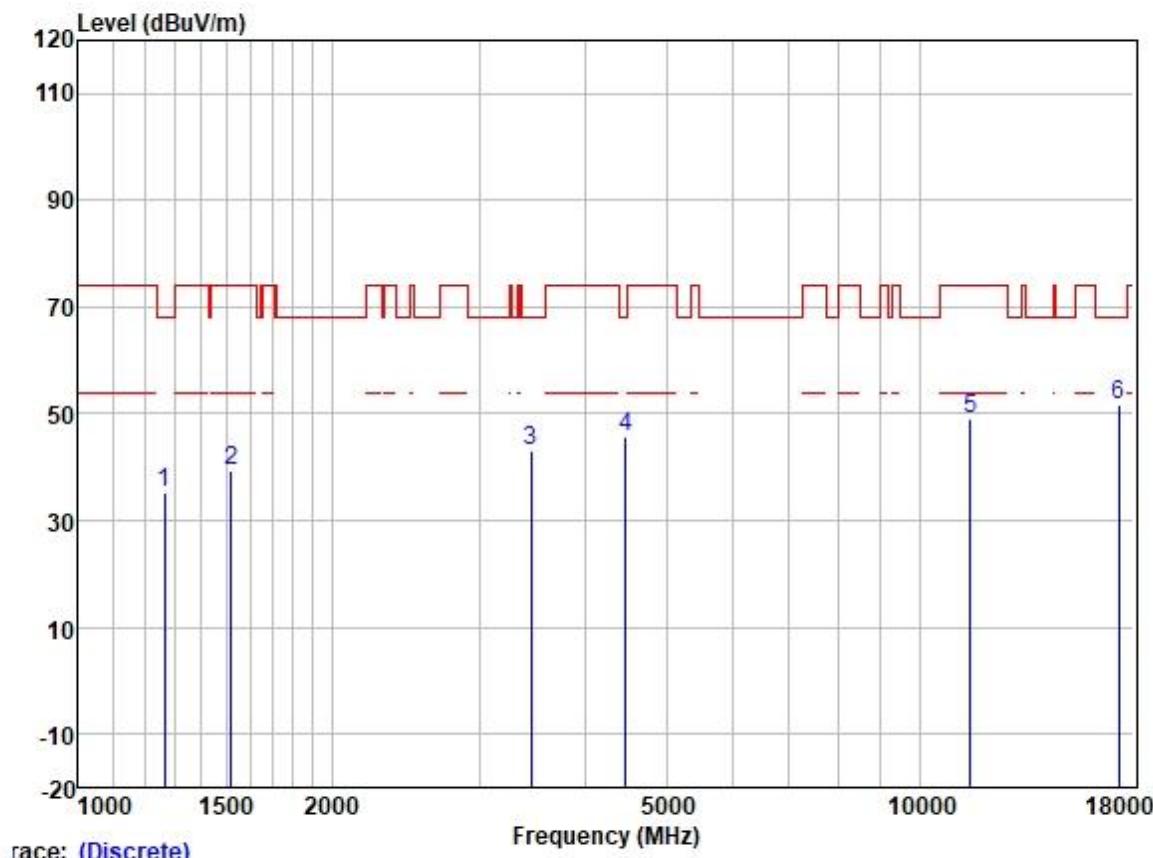
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	1267.454	46.08	25.10	2.44	38.33	35.29	68.20	-32.91	VERTICAL	Peak	
2	1520.598	49.28	25.51	2.80	38.07	39.52	74.00	-34.48	VERTICAL	Peak	
3	3455.508	46.82	28.88	4.20	36.96	42.94	68.20	-25.26	VERTICAL	Peak	
4	4469.214	46.71	30.77	4.93	36.81	45.60	68.20	-22.60	VERTICAL	Peak	
5	11510.000	37.95	39.90	8.41	37.15	49.11	74.00	-24.89	VERTICAL	Peak	
6	17265.000	33.66	43.21	10.24	35.33	51.78	68.20	-16.42	VERTICAL	Peak	

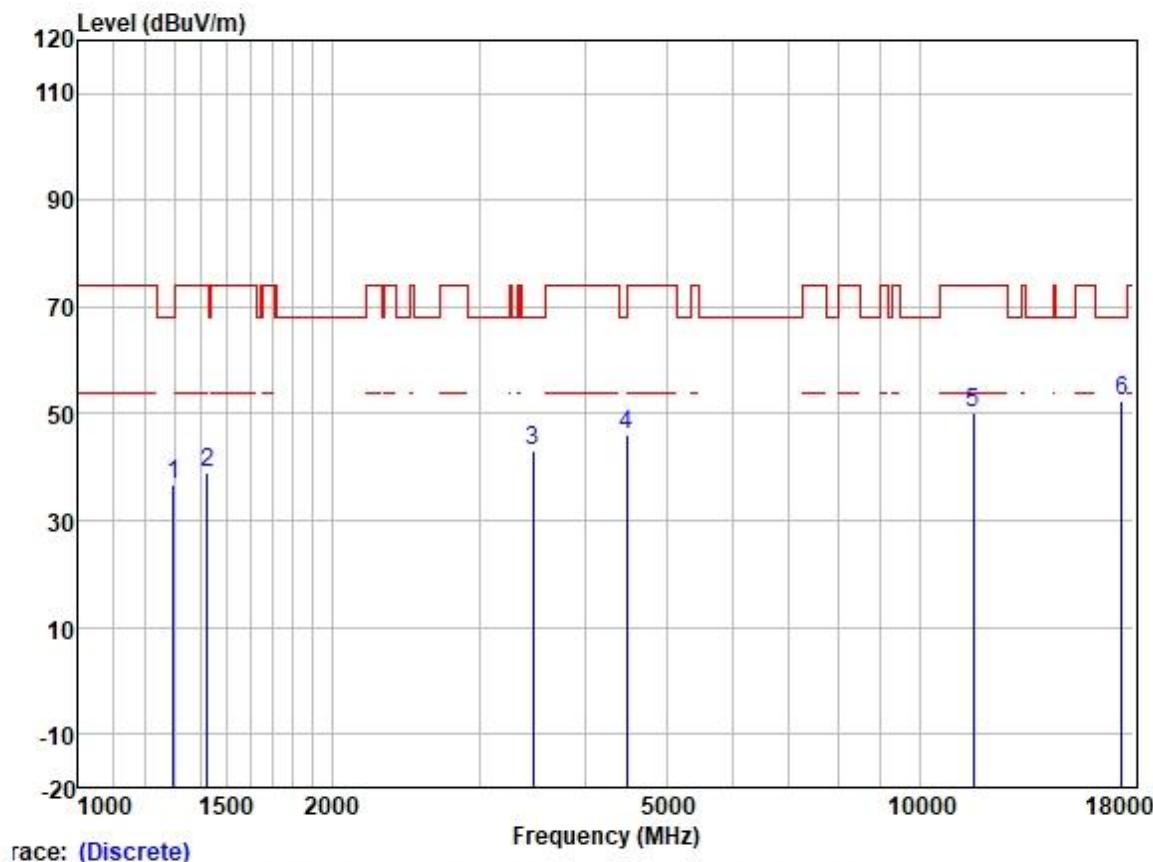
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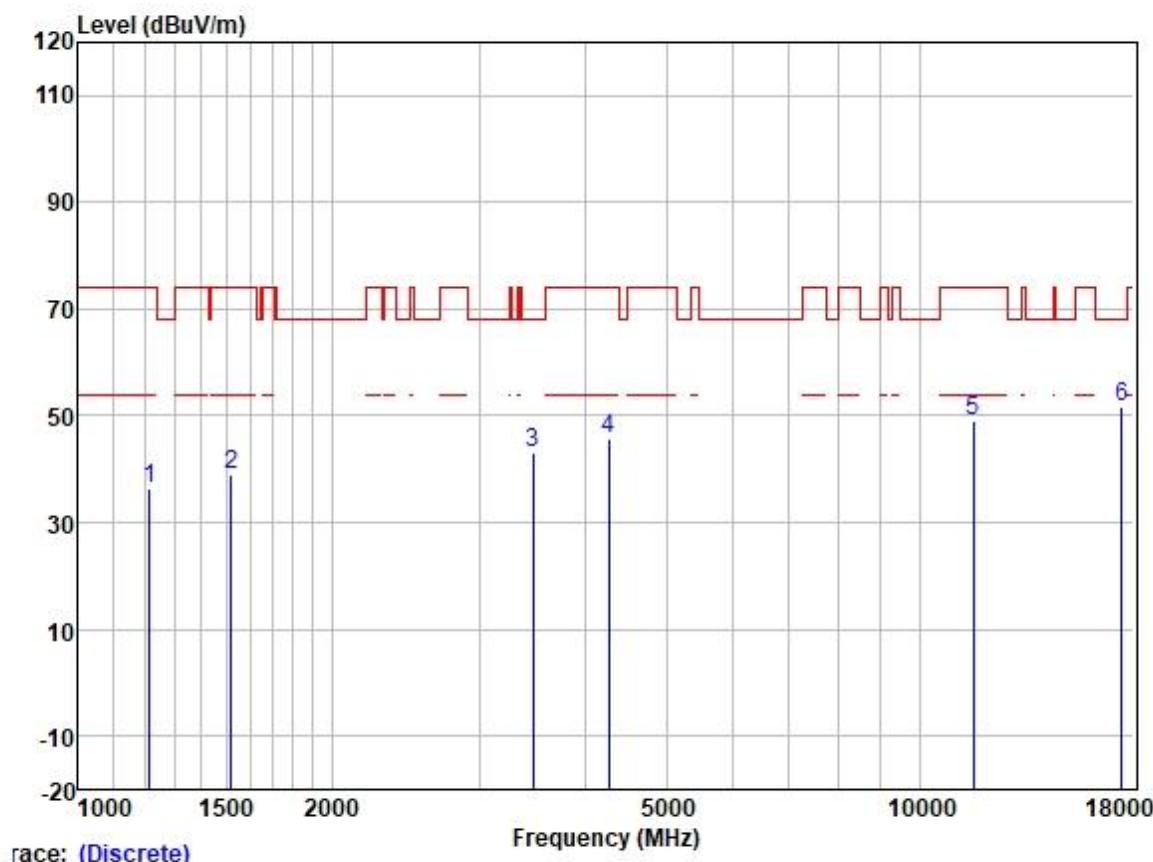
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Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1 1213.677	47.71	24.77	2.32	38.37	36.43	74.00	-37.57	VERTICAL				Peak	
2 1520.598	48.63	25.51	2.80	38.07	38.87	74.00	-35.13	VERTICAL				Peak	
3 3475.541	47.03	28.89	4.25	36.95	43.22	68.20	-24.98	VERTICAL				Peak	
4 4267.237	47.43	30.38	4.63	36.81	45.63	74.00	-28.37	VERTICAL				Peak	
5 11590.000	38.16	39.72	8.37	37.14	49.11	74.00	-24.89	VERTICAL				Peak	
6 17385.000	32.92	43.57	10.53	35.32	51.70	68.20	-16.50	VERTICAL				Peak	

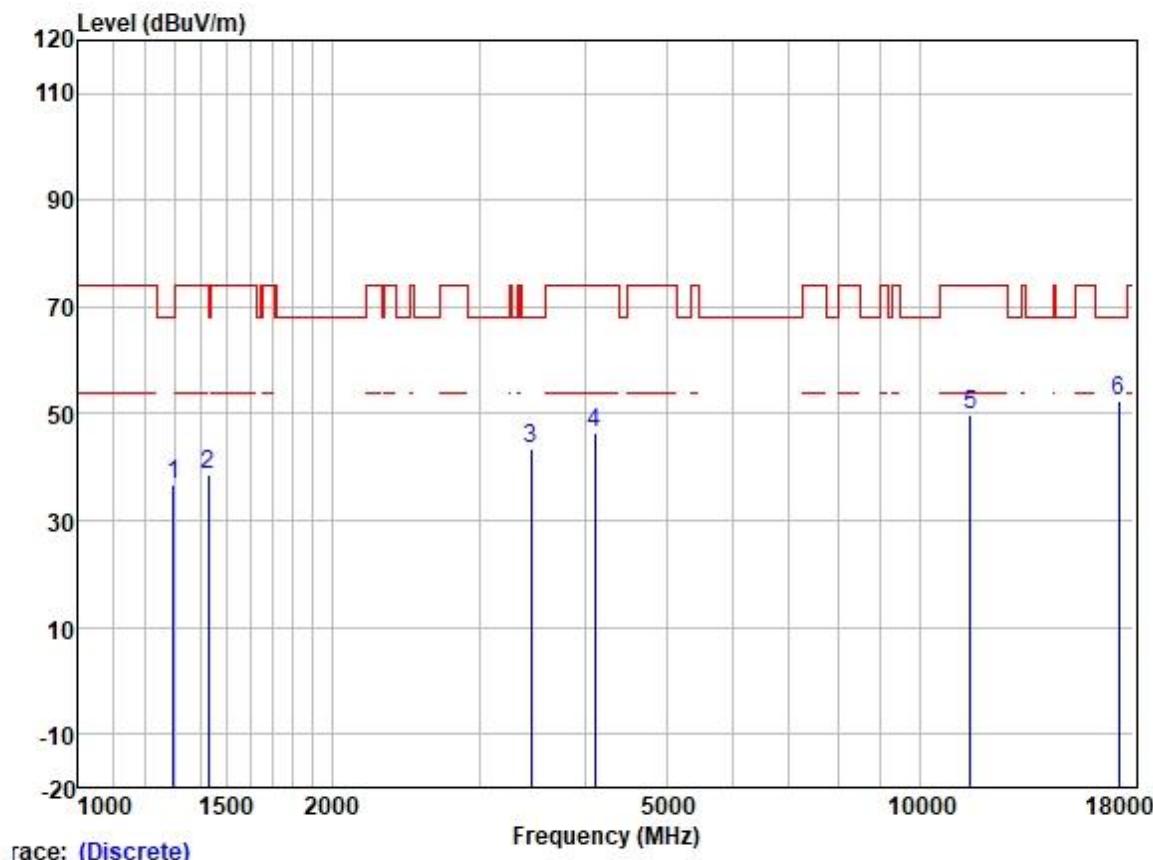
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	47.38	25.19	2.58	38.31	36.84	68.20	-31.36	HORIZONTAL	Peak			
2	1426.916	48.80	25.43	2.65	38.20	38.68	74.00	-35.32	HORIZONTAL	Peak			
3	3455.508	47.52	28.88	4.20	36.96	43.64	68.20	-24.56	HORIZONTAL	Peak			
4	4109.872	48.70	29.96	4.60	36.80	46.46	74.00	-27.54	HORIZONTAL	Peak			
5	11490.000	38.57	39.90	8.41	37.15	49.73	74.00	-24.27	HORIZONTAL	Peak			
6	17235.000	34.53	43.01	10.08	35.33	52.29	68.20	-15.91	HORIZONTAL	Peak			

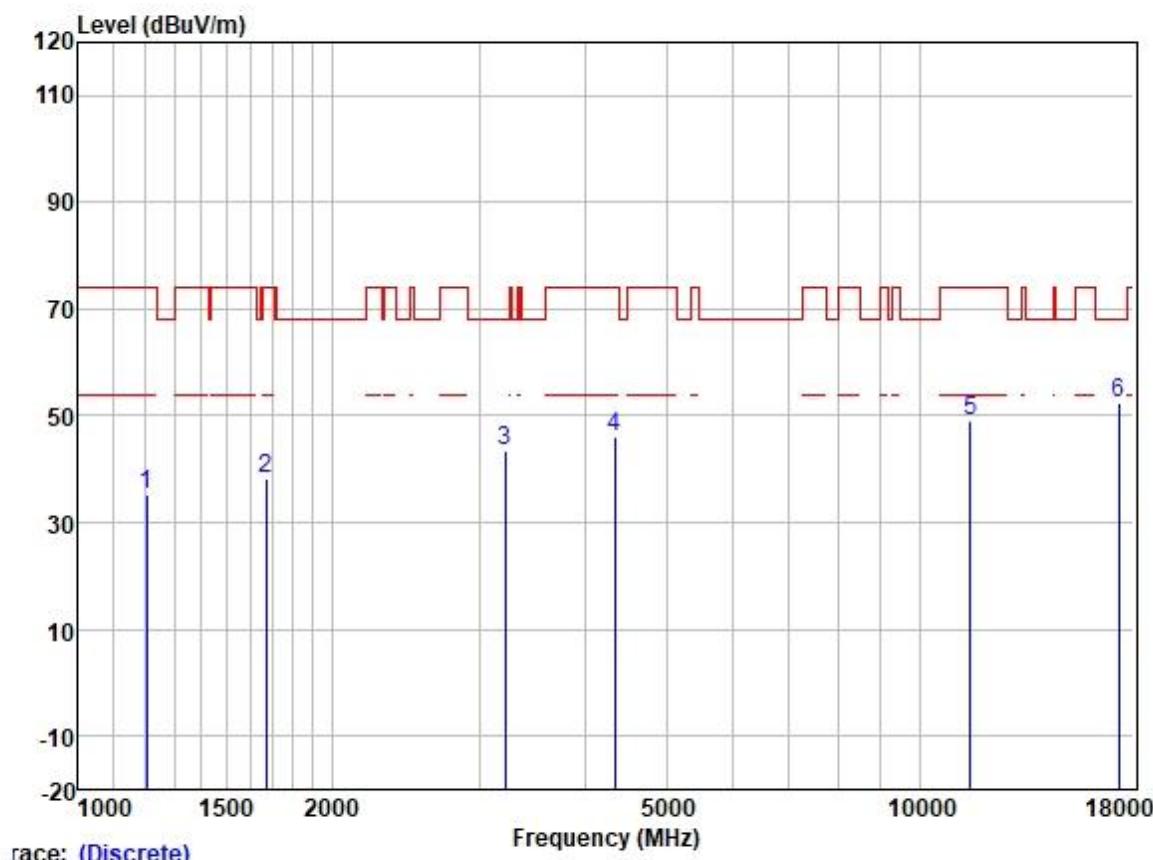
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1206.682	46.55	24.72	2.33	38.39	35.21	74.00	-38.79	VERTICAL			Peak	
2	1672.779	47.79	25.67	2.80	37.91	38.35	74.00	-35.65	VERTICAL			Peak	
3	3214.623	47.76	28.61	4.01	37.07	43.31	68.20	-24.89	VERTICAL			Peak	
4	4341.886	47.73	30.57	4.67	36.81	46.16	74.00	-27.84	VERTICAL			Peak	
5	11490.000	37.79	39.90	8.41	37.15	48.95	74.00	-25.05	VERTICAL			Peak	
6	17235.000	34.85	43.01	10.08	35.33	52.61	68.20	-15.59	VERTICAL			Peak	

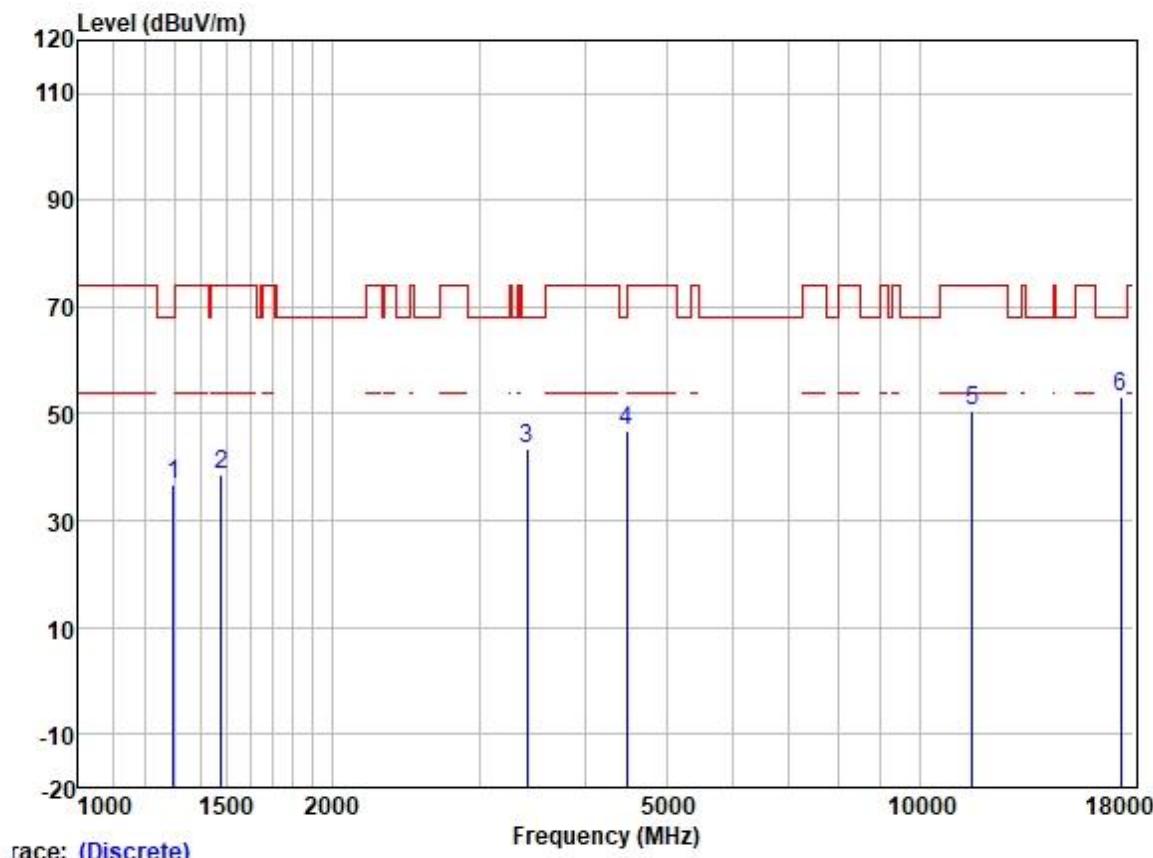
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Index	Frequency (MHz)	ReadAntenna		Cable		Preamp Loss Factor	Limit Level	Over Line	Over Limit	Polarization	Phase	Remark
		Freq	Level	Factor	dB							
	MHz	dBuV	dB/m									
1	1297.103	47.32	25.19	2.58	38.31	36.78	68.20	-31.42	HORIZONTAL	Peak		
2	1477.276	48.57	25.48	2.77	38.13	38.69	74.00	-35.31	HORIZONTAL	Peak		
3	3415.787	47.50	28.85	4.13	36.97	43.51	68.20	-24.69	HORIZONTAL	Peak		
4	4482.150	47.72	30.78	4.99	36.81	46.68	68.20	-21.52	HORIZONTAL	Peak		
5	11570.000	39.41	39.78	8.38	37.14	50.43	74.00	-23.57	HORIZONTAL	Peak		
6	17355.000	34.77	43.40	10.39	35.32	53.24	68.20	-14.96	HORIZONTAL	Peak		

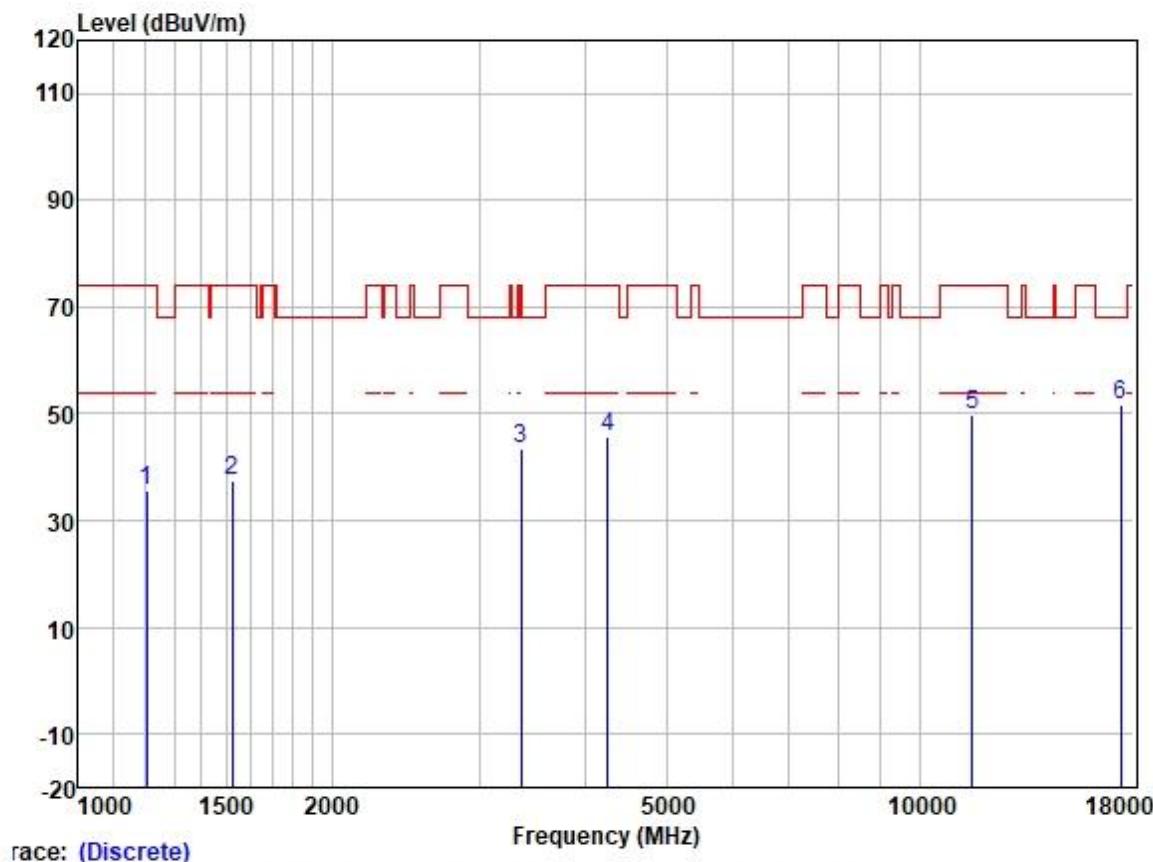
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB									
1	1206.682	46.98	24.72	2.33	38.39	35.64	74.00	-38.36	VERTICAL			Peak	
2	1525.000	47.21	25.52	2.80	38.07	37.46	74.00	-36.54	VERTICAL			Peak	
3	3357.061	47.69	28.81	4.09	37.01	43.58	74.00	-30.42	VERTICAL			Peak	
4	4254.921	47.72	30.34	4.62	36.81	45.87	74.00	-28.13	VERTICAL			Peak	
5	11570.000	38.85	39.78	8.38	37.14	49.87	74.00	-24.13	VERTICAL			Peak	
6	17355.000	33.06	43.40	10.39	35.32	51.53	68.20	-16.67	VERTICAL			Peak	

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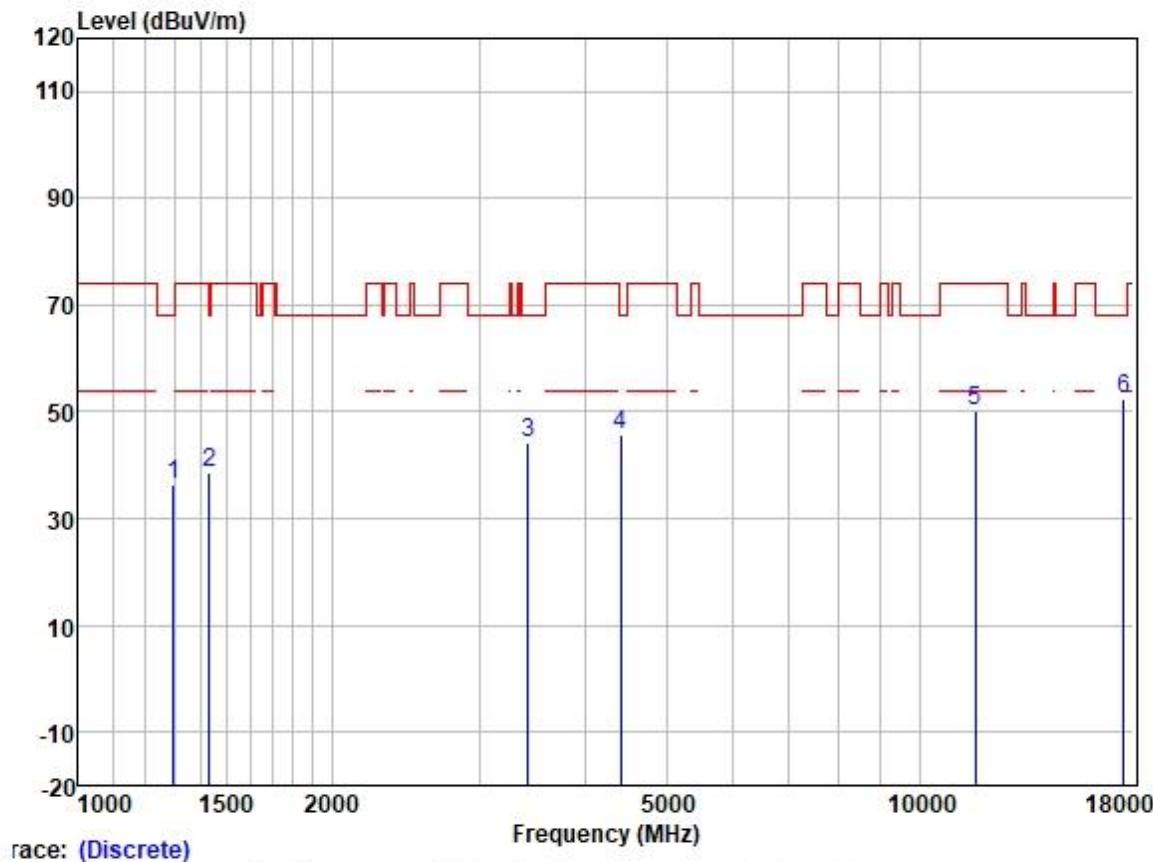
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	47.07	25.19	2.58	38.31	36.53	68.20	-31.67	HORIZONTAL	Peak			
2	1431.047	48.68	25.43	2.66	38.20	38.57	68.20	-29.63	HORIZONTAL	Peak			
3	3425.675	48.00	28.86	4.15	36.97	44.04	68.20	-24.16	HORIZONTAL	Peak			
4	4417.841	47.23	30.70	4.74	36.81	45.86	68.20	-22.34	HORIZONTAL	Peak			
5	11650.000	39.27	39.65	8.35	37.13	50.14	74.00	-23.86	HORIZONTAL	Peak			
6	17475.000	33.07	43.90	10.77	35.32	52.42	68.20	-15.78	HORIZONTAL	Peak			

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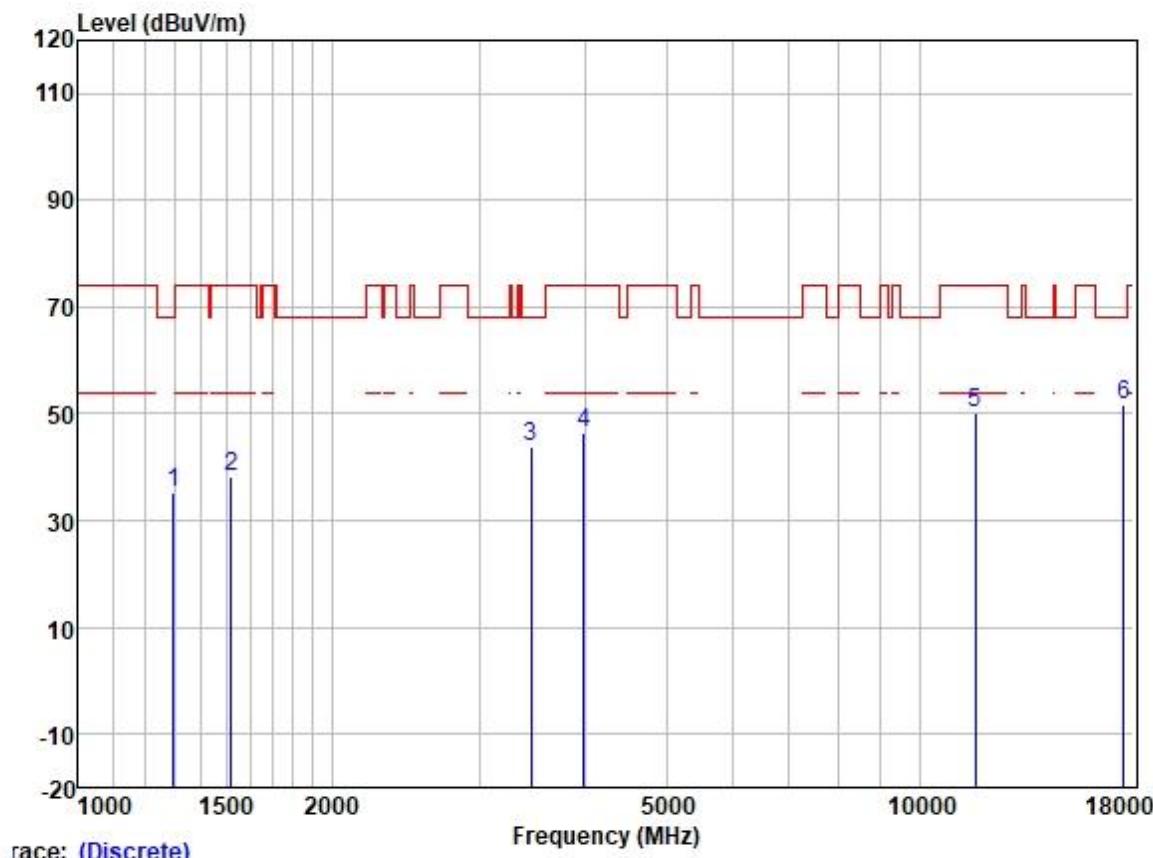
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Mode: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Level	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor										
1	1297.103	45.61	25.19	2.58	38.31	35.07	68.20	-33.13	VERTICAL			Peak		
2	1520.598	47.83	25.51	2.80	38.07	38.07	74.00	-35.93	VERTICAL			Peak		
3	3455.508	47.65	28.88	4.20	36.96	43.77	68.20	-24.43	VERTICAL			Peak		
4	3992.781	48.86	29.79	4.60	36.80	46.45	74.00	-27.55	VERTICAL			Peak		
5	11650.000	39.46	39.65	8.35	37.13	50.33	74.00	-23.67	VERTICAL			Peak		
6	17475.000	32.19	43.90	10.77	35.32	51.54	68.20	-16.66	VERTICAL			Peak		

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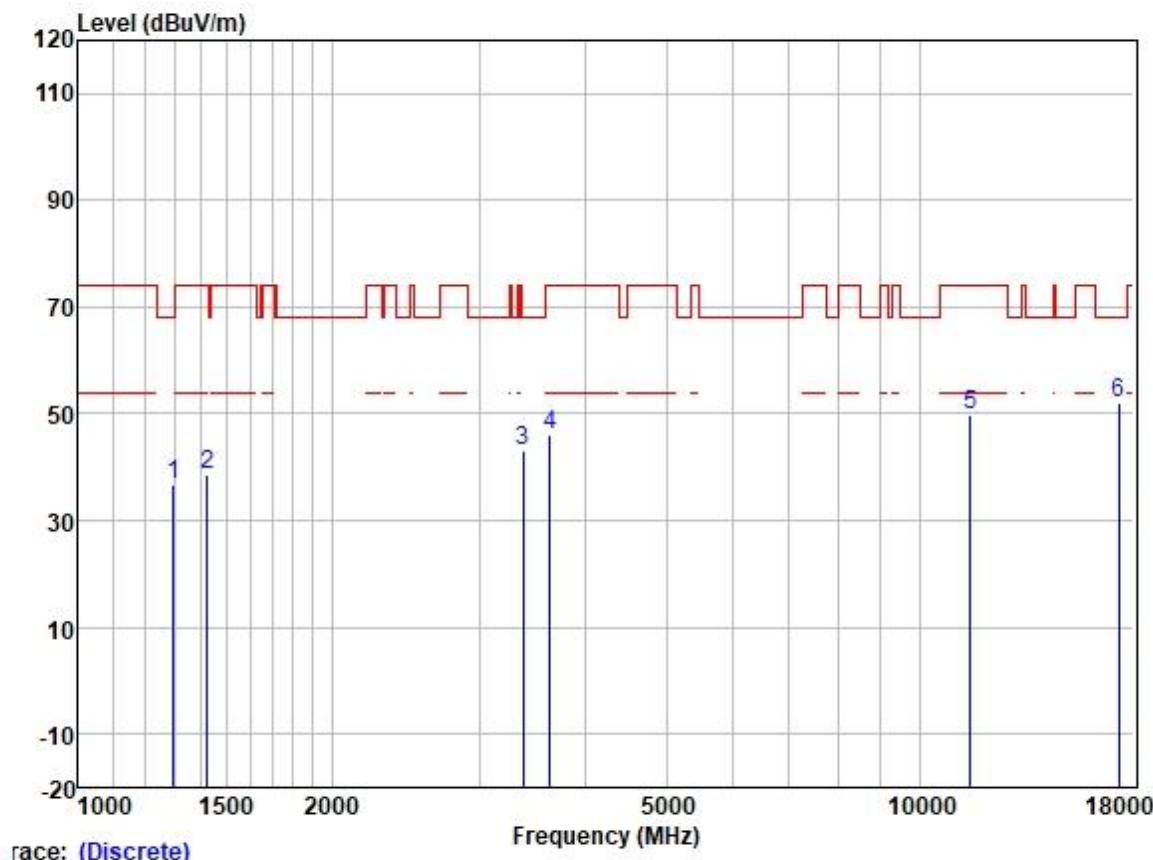
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor							
1	1297.103	47.24	25.19	2.58	38.31	36.70	68.20	-31.50	HORIZONTAL	Peak	
2	1422.798	48.70	25.42	2.64	38.20	38.56	74.00	-35.44	HORIZONTAL	Peak	
3	3376.523	47.06	28.83	4.09	36.99	42.99	68.20	-25.21	HORIZONTAL	Peak	
4	3640.045	49.51	29.11	4.52	36.89	46.25	74.00	-27.75	HORIZONTAL	Peak	
5	11510.000	38.71	39.90	8.41	37.15	49.87	74.00	-24.13	HORIZONTAL	Peak	
6	17265.000	34.01	43.21	10.24	35.33	52.13	68.20	-16.07	HORIZONTAL	Peak	

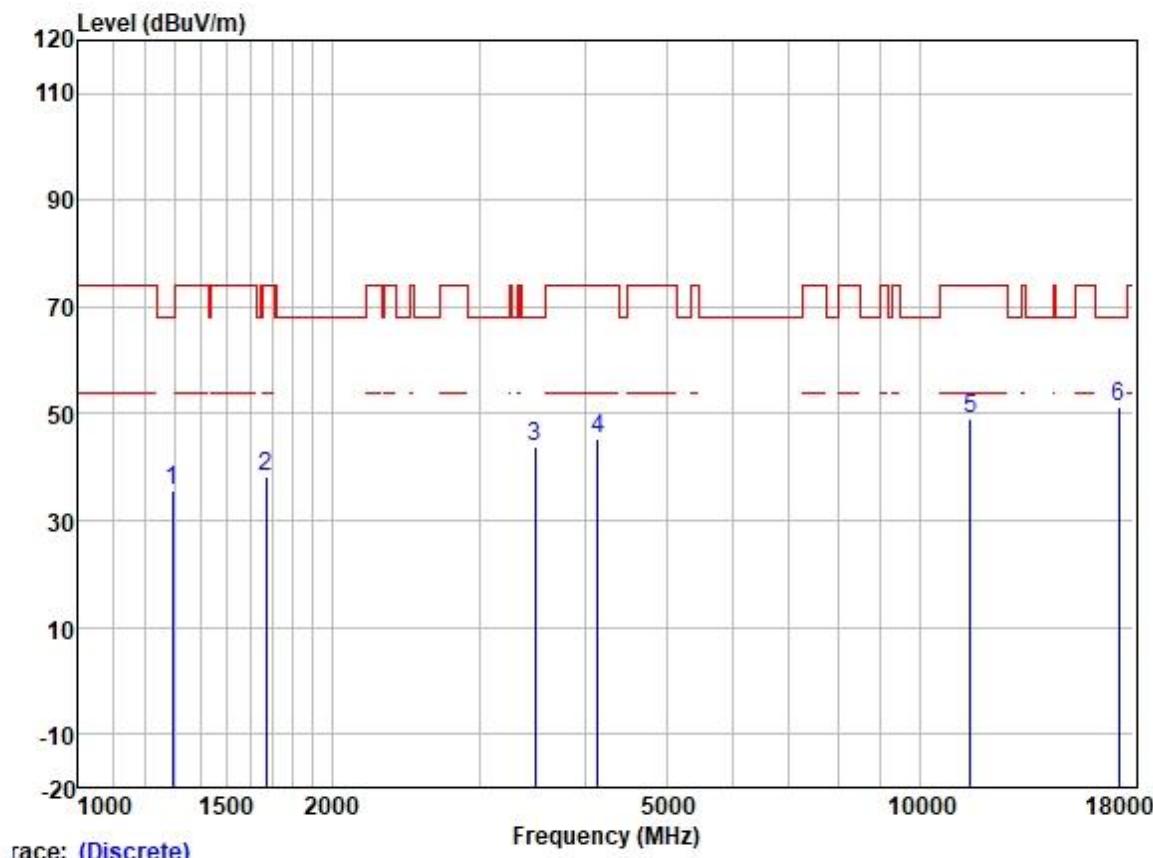
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Race: (Discrete)

Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	dB	dB									
1 1293.359	46.24	25.18	2.57	38.31	35.68	68.20	-32.52	VERTICAL				Peak	
2 1672.779	47.52	25.67	2.80	37.91	38.08	74.00	-35.92	VERTICAL				Peak	
3 3495.691	47.44	28.90	4.30	36.94	43.70	68.20	-24.50	VERTICAL				Peak	
4 4145.664	47.42	30.03	4.60	36.80	45.25	74.00	-28.75	VERTICAL				Peak	
5 11510.000	37.85	39.90	8.41	37.15	49.01	74.00	-24.99	VERTICAL				Peak	
6 17265.000	33.14	43.21	10.24	35.33	51.26	68.20	-16.94	VERTICAL				Peak	

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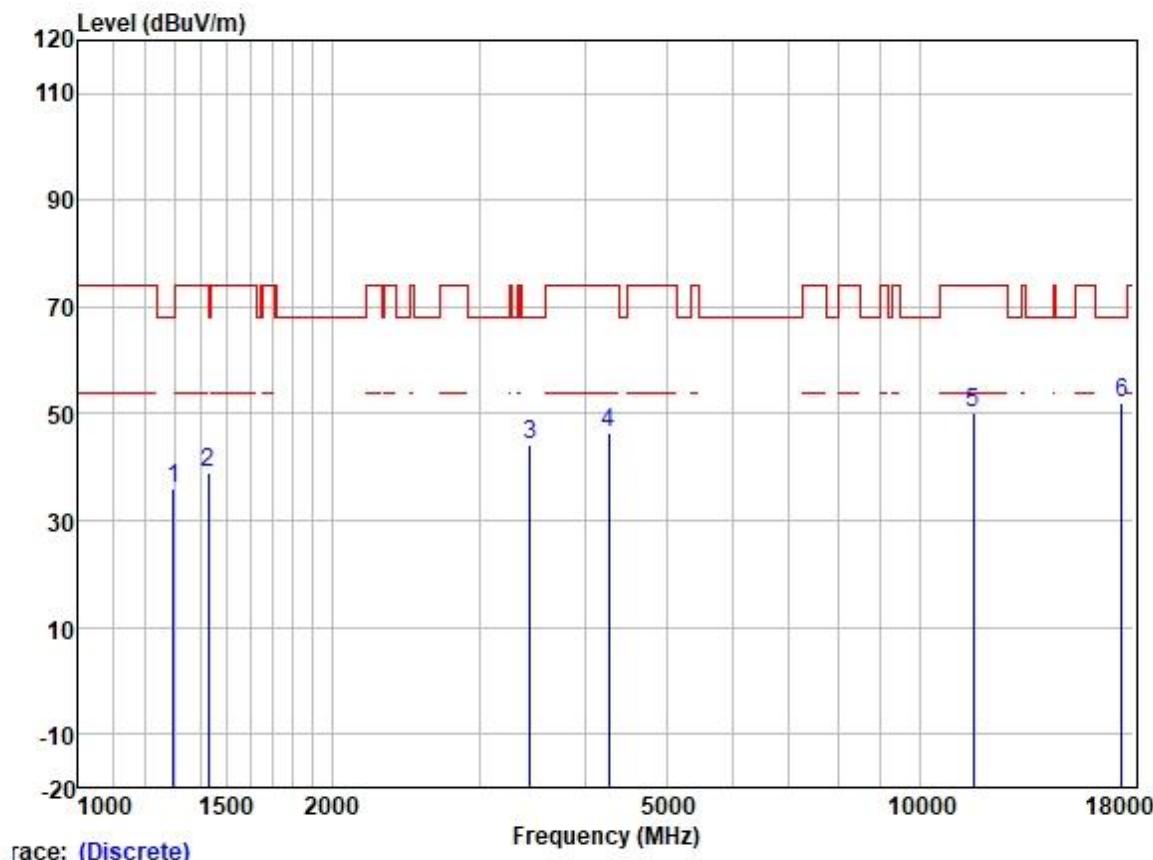
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Freq	ReadAntenna		Cable		Preamp	Loss	Factor	Limit	Line	Over	Limit	Pol/Phase	Remark
	MHz	dBuV	Level	Factor									
1	1297.103	46.67	25.19	2.58	38.31	36.13	68.20	-32.07	HORIZONTAL	Peak			
2	1426.916	49.09	25.43	2.65	38.20	38.97	74.00	-35.03	HORIZONTAL	Peak			
3	3445.535	48.20	28.87	4.18	36.96	44.29	68.20	-23.91	HORIZONTAL	Peak			
4	4267.237	48.08	30.38	4.63	36.81	46.28	74.00	-27.72	HORIZONTAL	Peak			
5	11590.000	39.42	39.72	8.37	37.14	50.37	74.00	-23.63	HORIZONTAL	Peak			
6	17385.000	33.17	43.57	10.53	35.32	51.95	68.20	-16.25	HORIZONTAL	Peak			

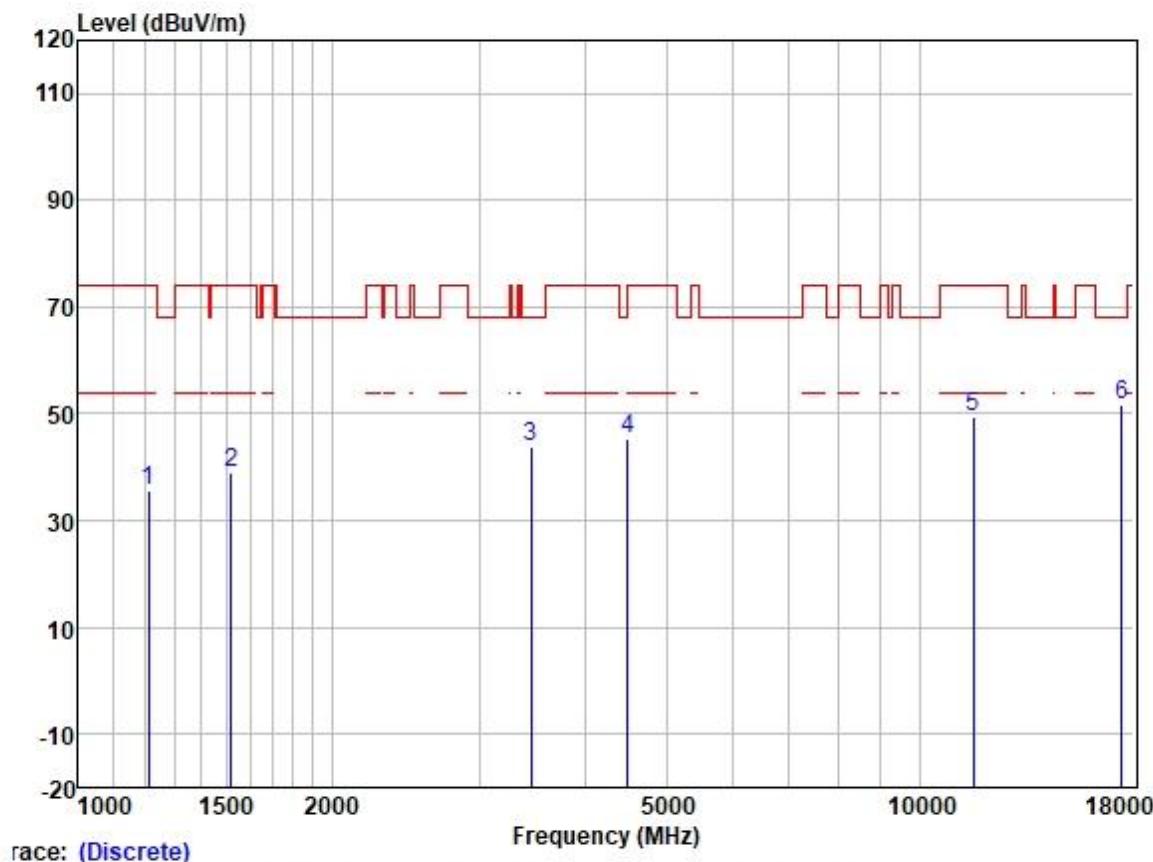
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Index	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			
1	1210.174	46.91	24.74	2.33	38.39	35.59	74.00	-38.41	VERTICAL	Peak		
2	1520.598	48.67	25.51	2.80	38.07	38.91	74.00	-35.09	VERTICAL	Peak		
3	3455.508	47.84	28.88	4.20	36.96	43.96	68.20	-24.24	VERTICAL	Peak		
4	4495.125	46.29	30.80	5.05	36.82	45.32	68.20	-22.88	VERTICAL	Peak		
5	11590.000	38.38	39.72	8.37	37.14	49.33	74.00	-24.67	VERTICAL	Peak		
6	17385.000	33.03	43.57	10.53	35.32	51.81	68.20	-16.39	VERTICAL	Peak		

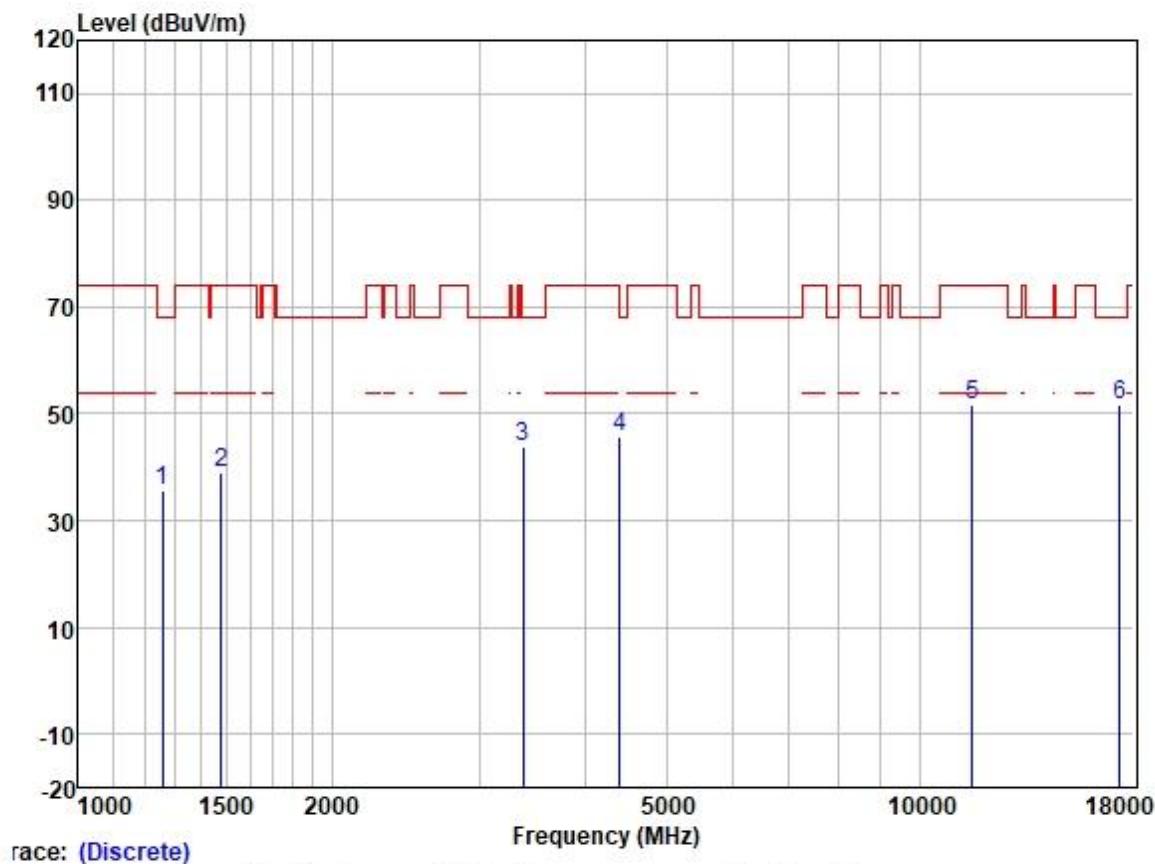
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Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



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	1260.149	46.45	25.07	2.40	38.35	35.57	68.20	-32.63	HORIZONTAL	Peak	
2	1477.276	48.77	25.48	2.77	38.13	38.89	74.00	-35.11	HORIZONTAL	Peak	
3	3376.523	47.88	28.83	4.09	36.99	43.81	68.20	-24.39	HORIZONTAL	Peak	
4	4405.090	47.00	30.68	4.70	36.81	45.57	68.20	-22.63	HORIZONTAL	Peak	
5	11550.000	40.66	39.84	8.40	37.14	51.76	74.00	-22.24	HORIZONTAL	Peak	
6	17325.000	33.36	43.40	10.39	35.32	51.83	68.20	-16.37	HORIZONTAL	Peak	

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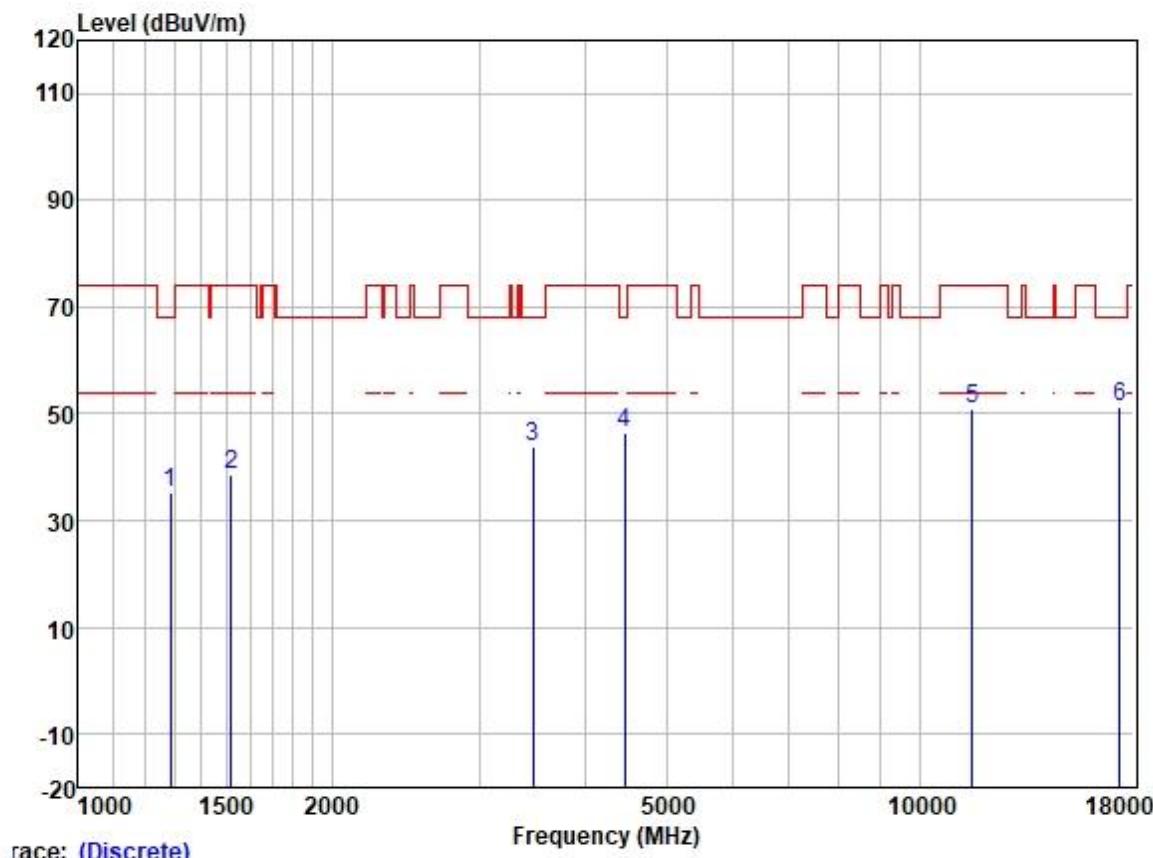
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Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Freq	ReadAntenna		Cable Preamp		Limit	Over	Line	Limit	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor					
	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB			
1	1285.904	45.99	25.16	2.53	38.33	35.35	68.20	-32.85	VERTICAL	Peak
2	1520.598	48.52	25.51	2.80	38.07	38.76	74.00	-35.24	VERTICAL	Peak
3	3475.541	47.60	28.89	4.25	36.95	43.79	68.20	-24.41	VERTICAL	Peak
4	4456.315	47.74	30.75	4.88	36.81	46.56	68.20	-21.64	VERTICAL	Peak
5	11550.000	39.86	39.84	8.40	37.14	50.96	74.00	-23.04	VERTICAL	Peak
6	17325.000	32.95	43.40	10.39	35.32	51.42	68.20	-16.78	VERTICAL	Peak

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8 Test Setup Photo

Refer to Appendix – Setup Photos for GZCR2112021535AT



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9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for GZCR2112021535AT



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10 Appendix

1. Duty Cycle

1.1 Ant1

1.1.1 Test Result

Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11a	SISO	5180	1.383	1.590	86.98	0.61	4.77
		5200	1.396	1.552	89.95	0.46	2.51
		5240	1.392	1.554	89.58	0.48	2.80
		5260	1.396	1.552	89.95	0.46	2.48
		5300	1.395	1.552	89.88	0.46	2.51
		5320	1.381	1.580	87.41	0.58	3.78
		5500	1.396	1.580	88.35	0.54	4.09
		5580	1.396	1.562	89.37	0.49	3.26
		5700	1.396	1.579	88.41	0.53	4.25
		5745	1.395	1.598	87.30	0.59	5.12
		5785	1.396	1.537	90.83	0.42	1.77
		5825	1.396	1.574	88.69	0.52	3.92
802.11n (HT20)	SISO	5180	1.290	1.490	86.58	0.63	4.62
		5200	1.298	1.470	88.30	0.54	2.89
		5240	1.289	1.485	86.80	0.61	4.38
		5260	1.289	1.451	88.84	0.51	2.26
		5300	1.294	1.461	88.57	0.53	2.91
		5320	1.304	1.500	86.93	0.61	5.03
		5500	1.304	1.469	88.77	0.52	3.40
		5580	1.305	1.452	89.88	0.46	1.51
		5700	1.292	1.496	86.36	0.64	4.36
		5745	1.304	1.479	88.17	0.55	3.83
		5785	1.294	1.489	86.90	0.61	4.54
		5825	1.293	1.514	85.40	0.69	6.01
802.11n (HT40)	SISO	5190	2.462	2.612	94.26	0.26	1.07
		5230	2.469	2.600	94.96	0.22	0.70
		5270	2.459	2.610	94.21	0.26	1.06
		5310	2.468	2.609	94.60	0.24	1.06
		5510	2.468	2.601	94.89	0.23	0.72
		5550	2.458	2.610	94.18	0.26	1.01
		5670	2.468	2.609	94.60	0.24	1.06

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		5755	2.468	2.643	93.38	0.30	2.27
		5795	2.469	2.610	94.60	0.24	1.01
802.11ac (VHT20)	SISO	5180	0.548	0.674	81.31	0.90	3.47
		5200	0.548	0.674	81.31	0.90	3.41
		5240	0.548	0.674	81.31	0.90	3.37
		5260	0.544	0.674	80.71	0.93	3.38
		5300	0.548	0.674	81.31	0.90	3.41
		5320	0.548	0.674	81.31	0.90	0.03
		5500	0.548	0.674	81.31	0.90	2.26
		5580	0.548	0.674	81.31	0.90	0.08
		5700	0.548	0.674	81.31	0.90	2.29
		5745	0.548	0.674	81.31	0.90	3.41
		5785	0.548	0.674	81.31	0.90	3.41
		5825	0.543	0.674	80.56	0.94	3.41
		5190	0.286	0.410	69.76	1.56	3.20
		5230	0.285	0.410	69.51	1.58	4.94
802.11ac (VHT40)	SISO	5270	0.284	0.410	69.27	1.59	4.90
		5310	0.285	0.410	69.51	1.58	4.94
		5510	0.279	0.410	68.05	1.67	4.88
		5550	0.284	0.410	69.27	1.59	4.90
		5670	0.284	0.410	69.27	1.59	3.22
		5755	0.284	0.410	69.27	1.59	4.91
		5795	0.286	0.410	69.76	1.56	4.93
		5210	0.152	0.294	51.70	2.87	5.33
		5290	0.152	0.296	51.35	2.89	5.77
802.11ac (VHT80)	SISO	5530	0.154	0.296	52.03	2.84	5.77
		5610	0.154	0.294	52.38	2.81	5.34
		5775	0.139	0.749	18.56	7.31	33.45

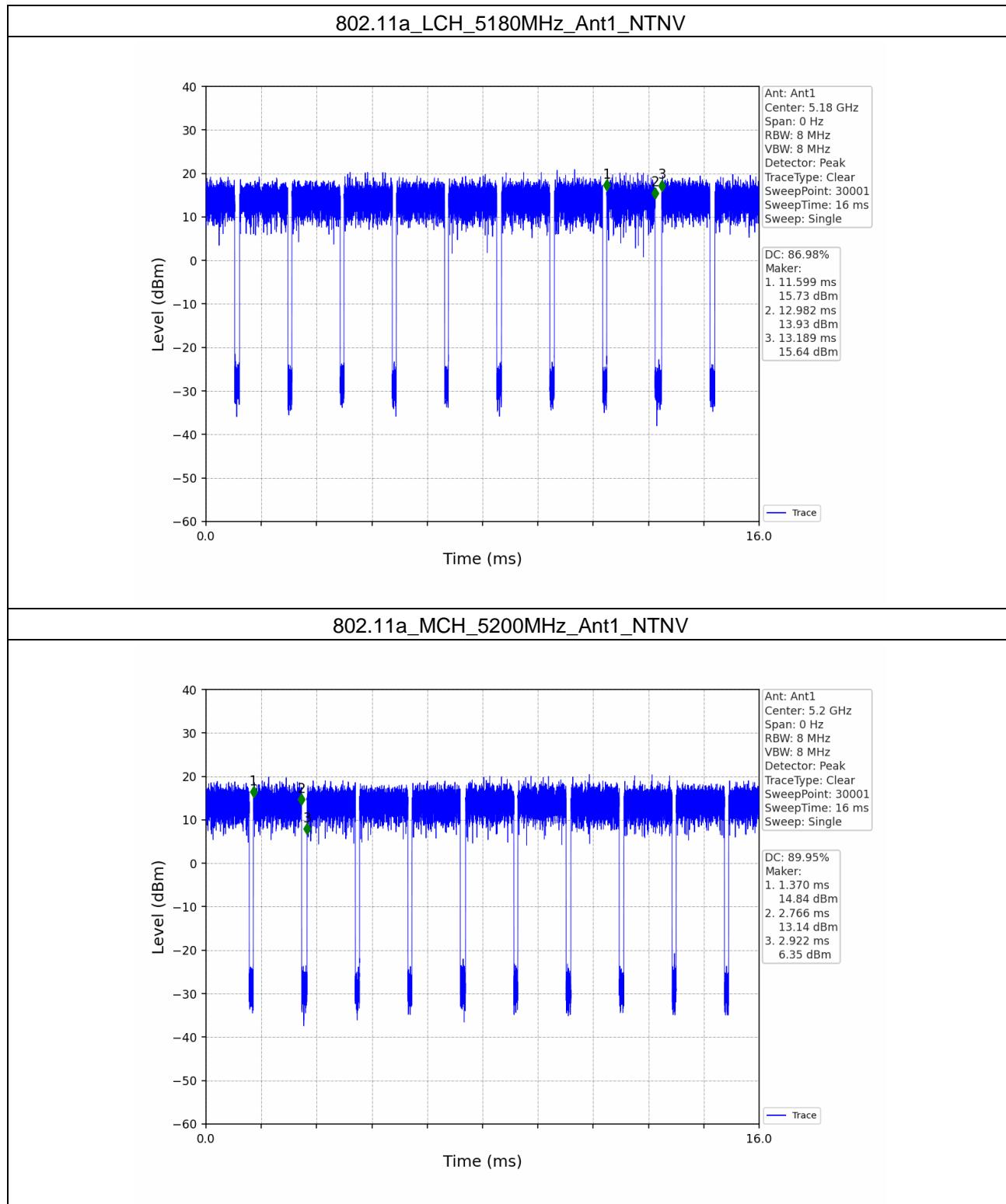
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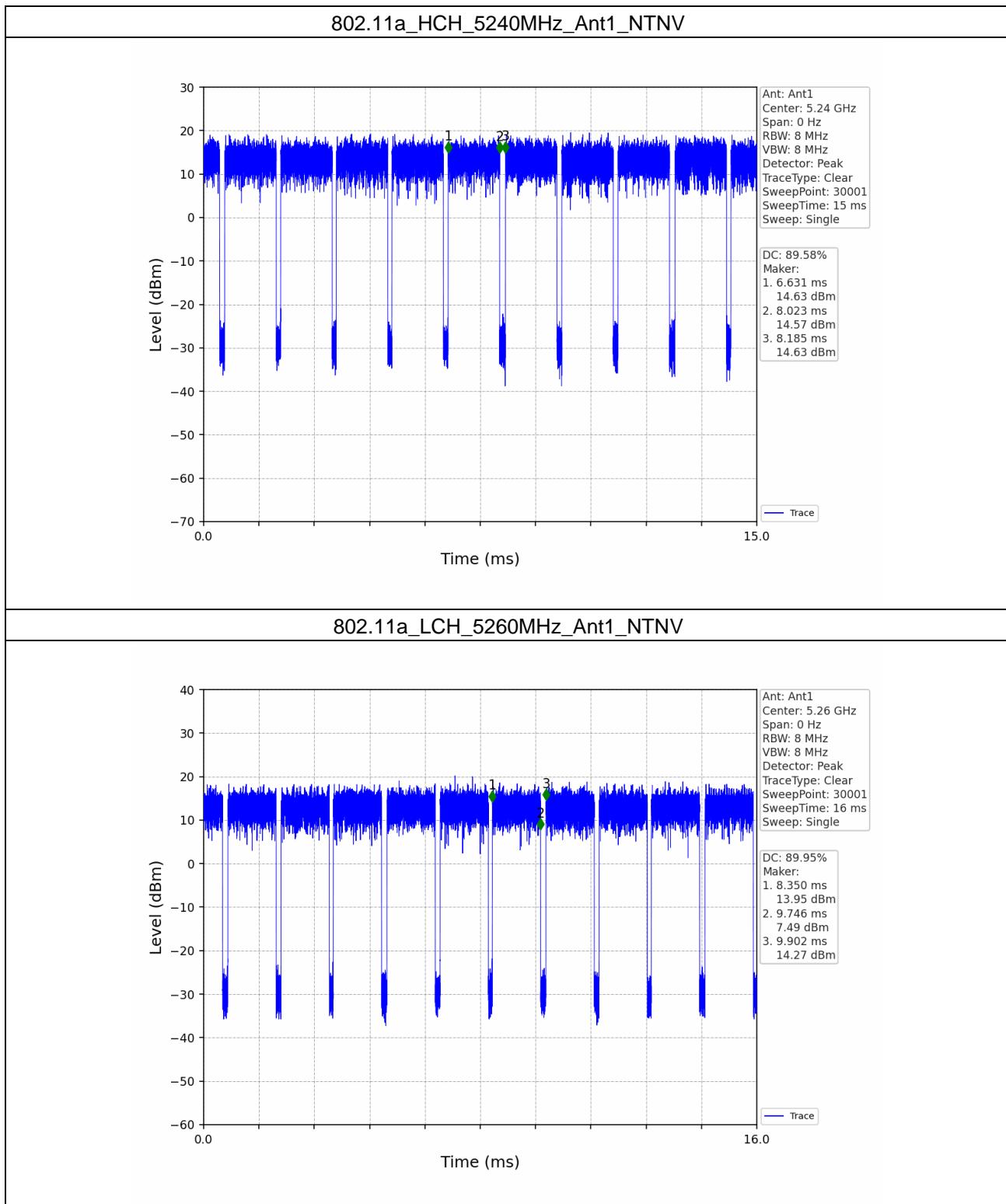
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1.1.2 Test Graph

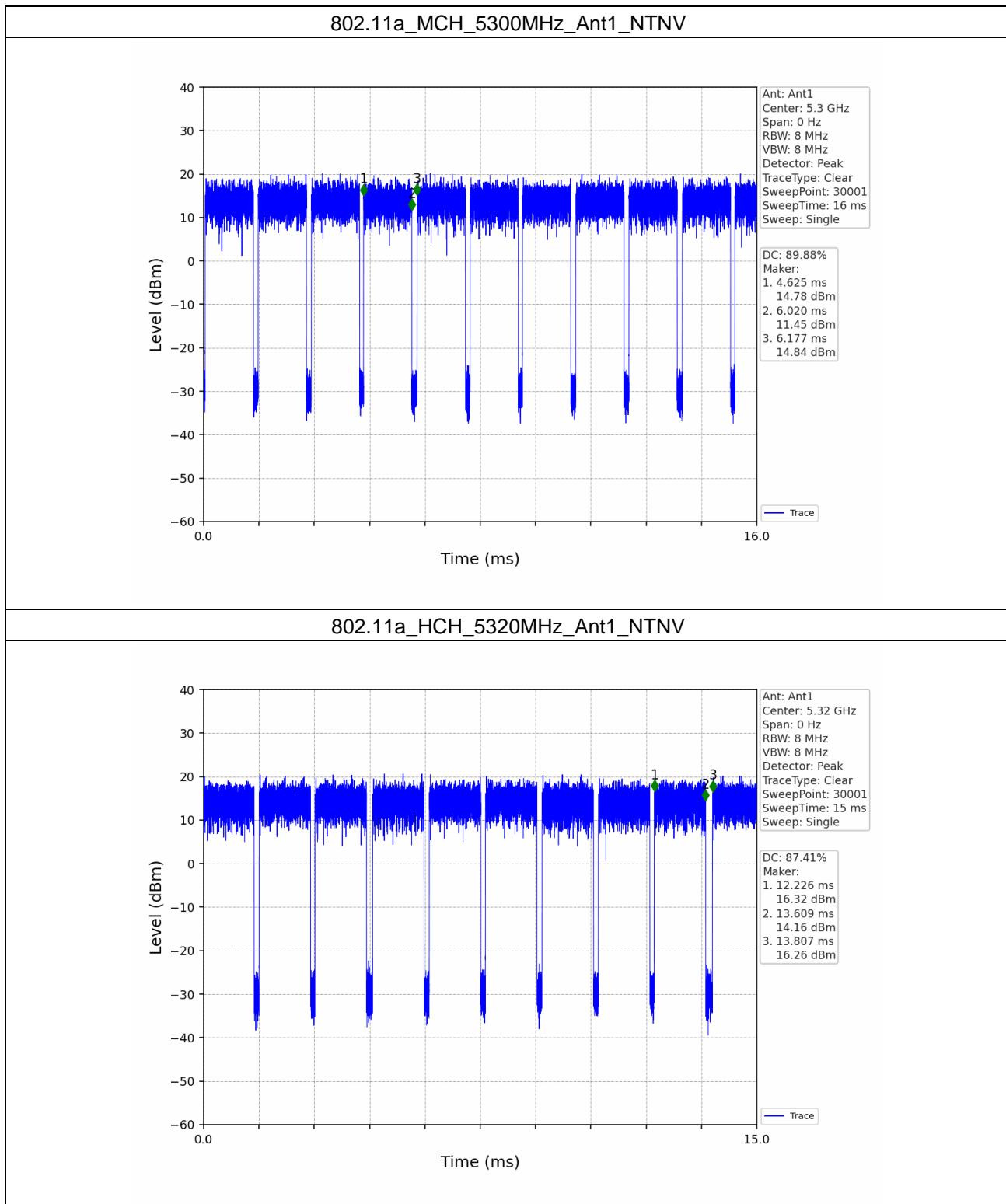
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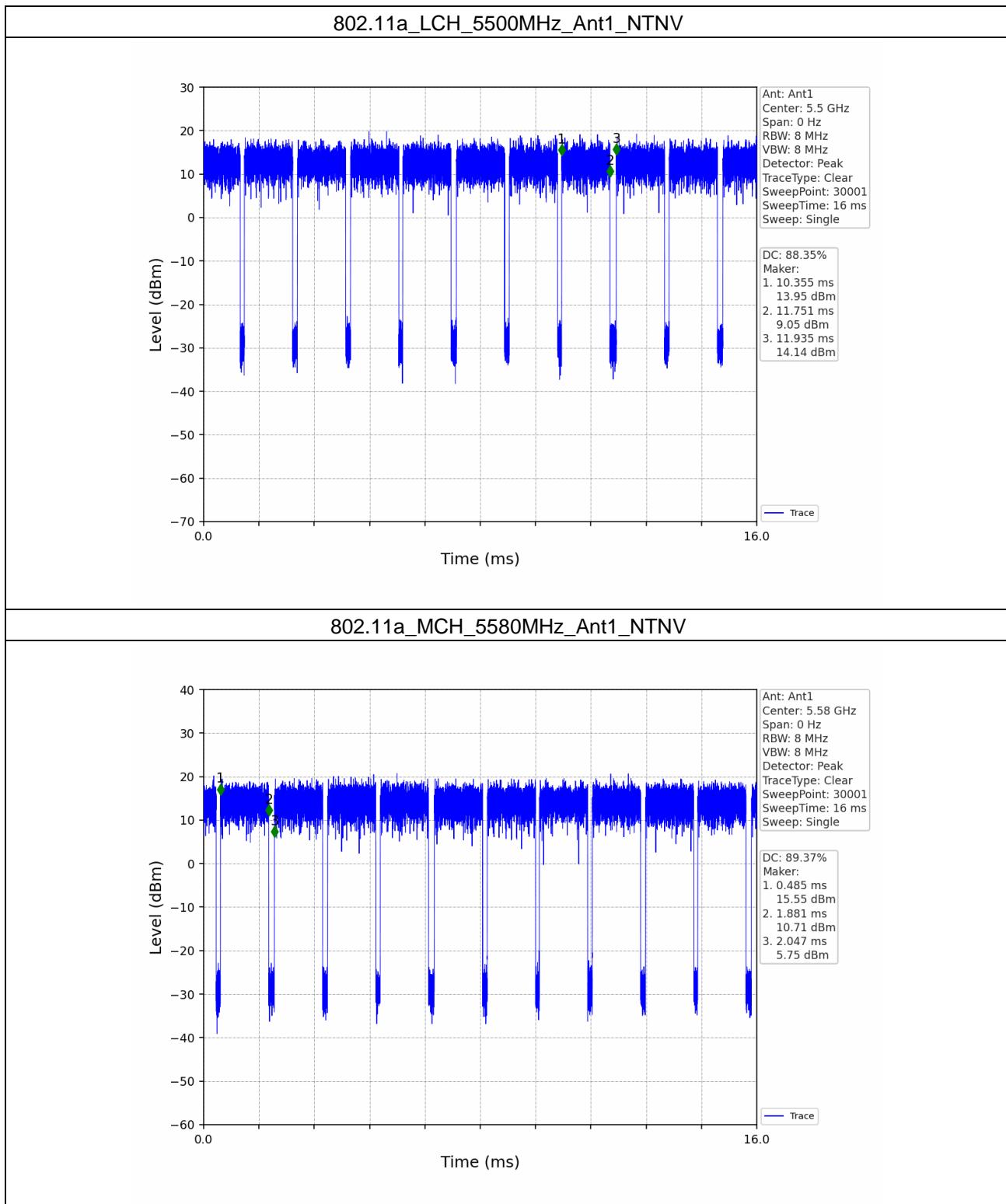
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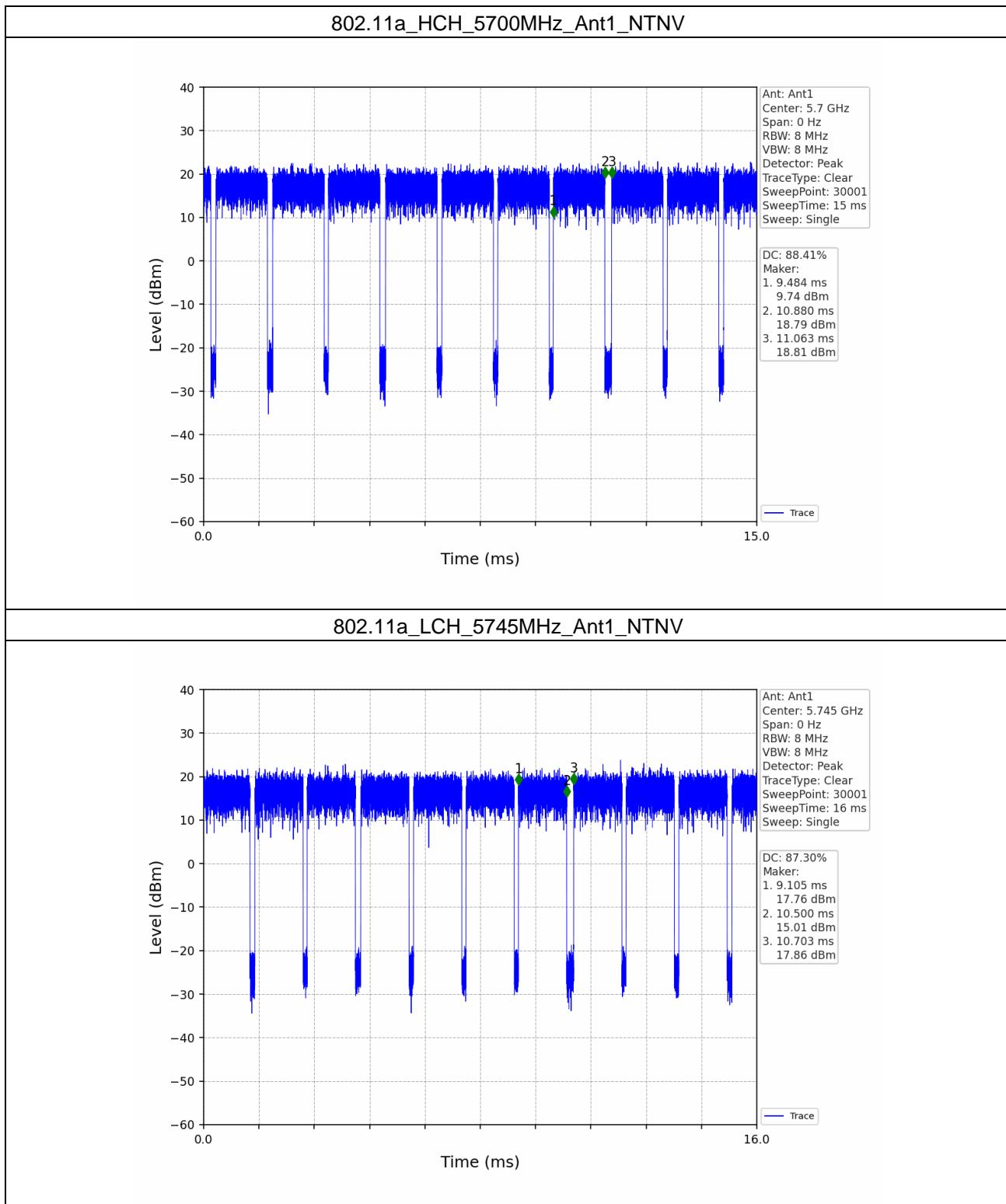
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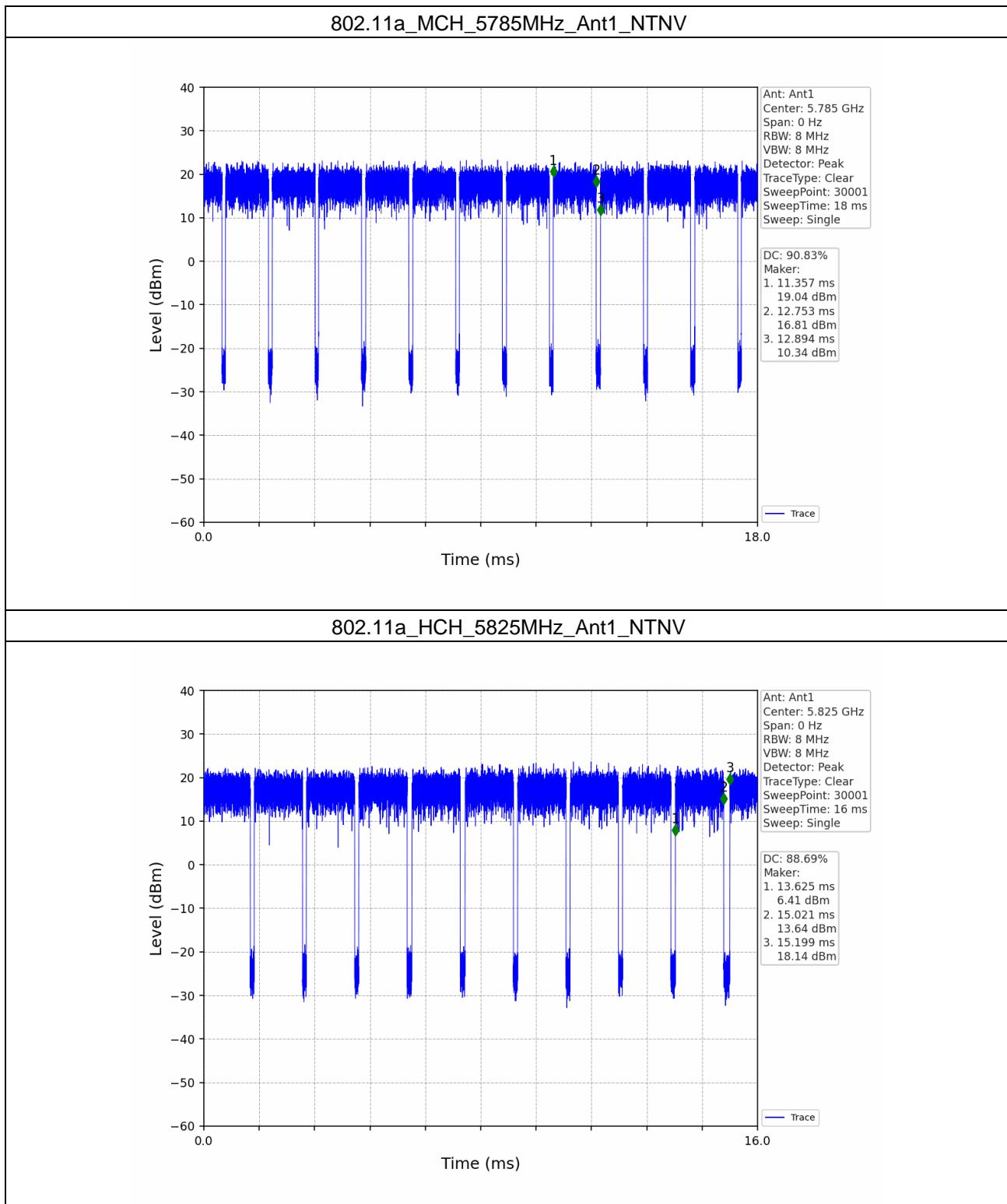
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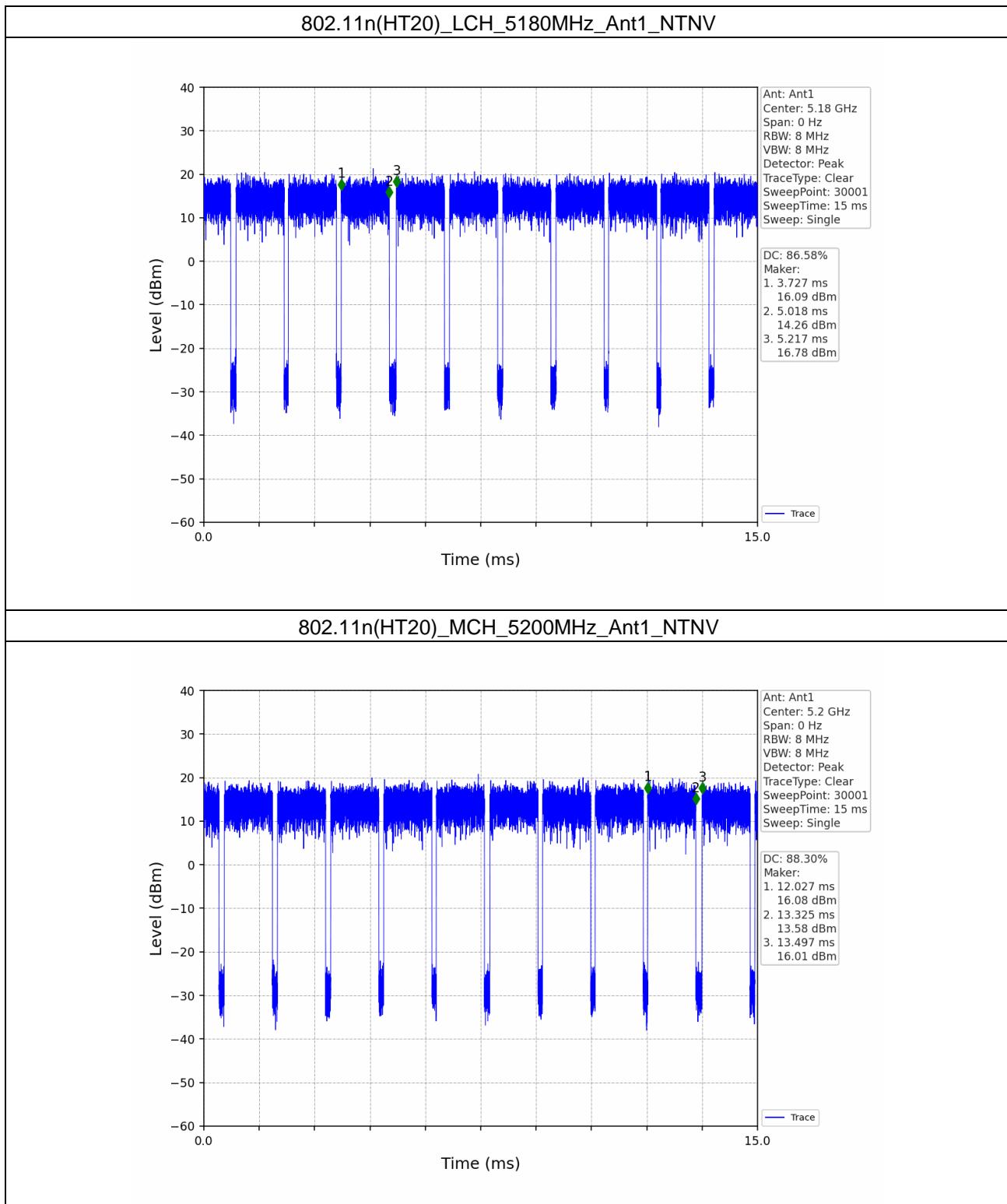
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