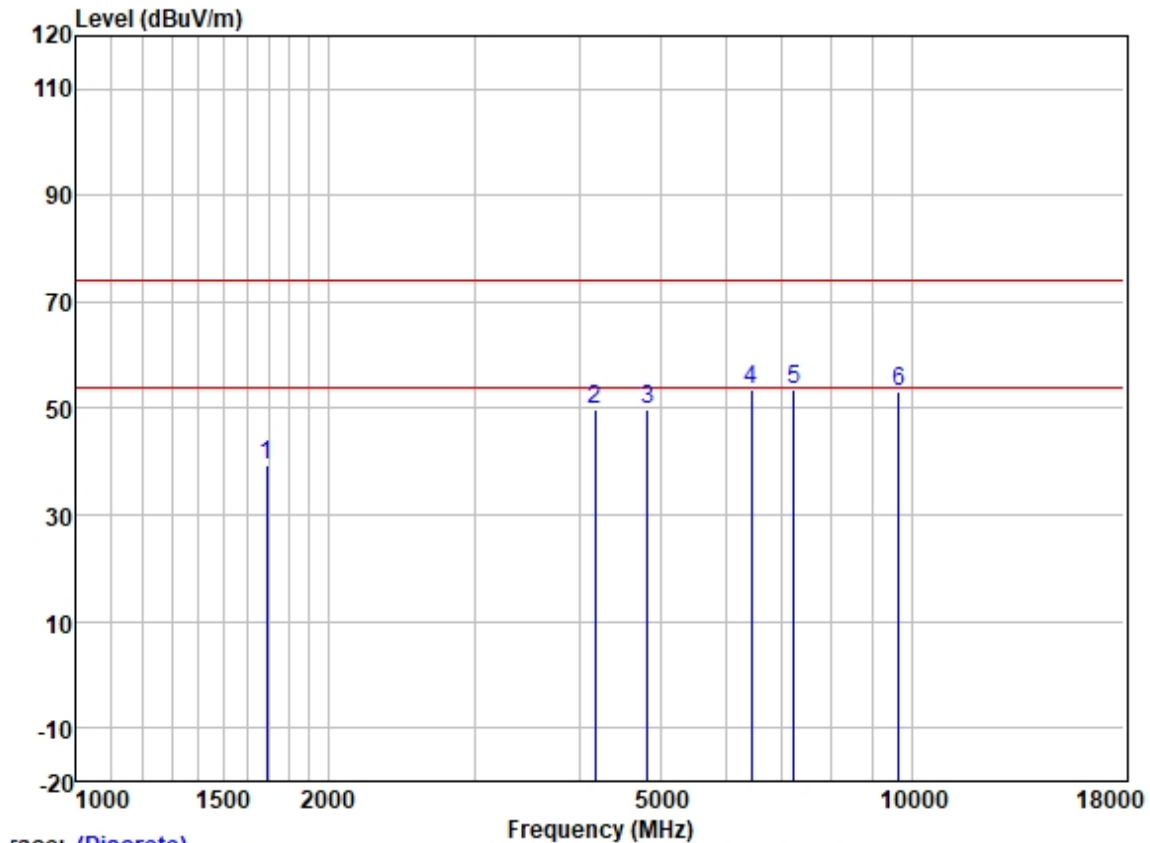


Test Mode: 00; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:Low



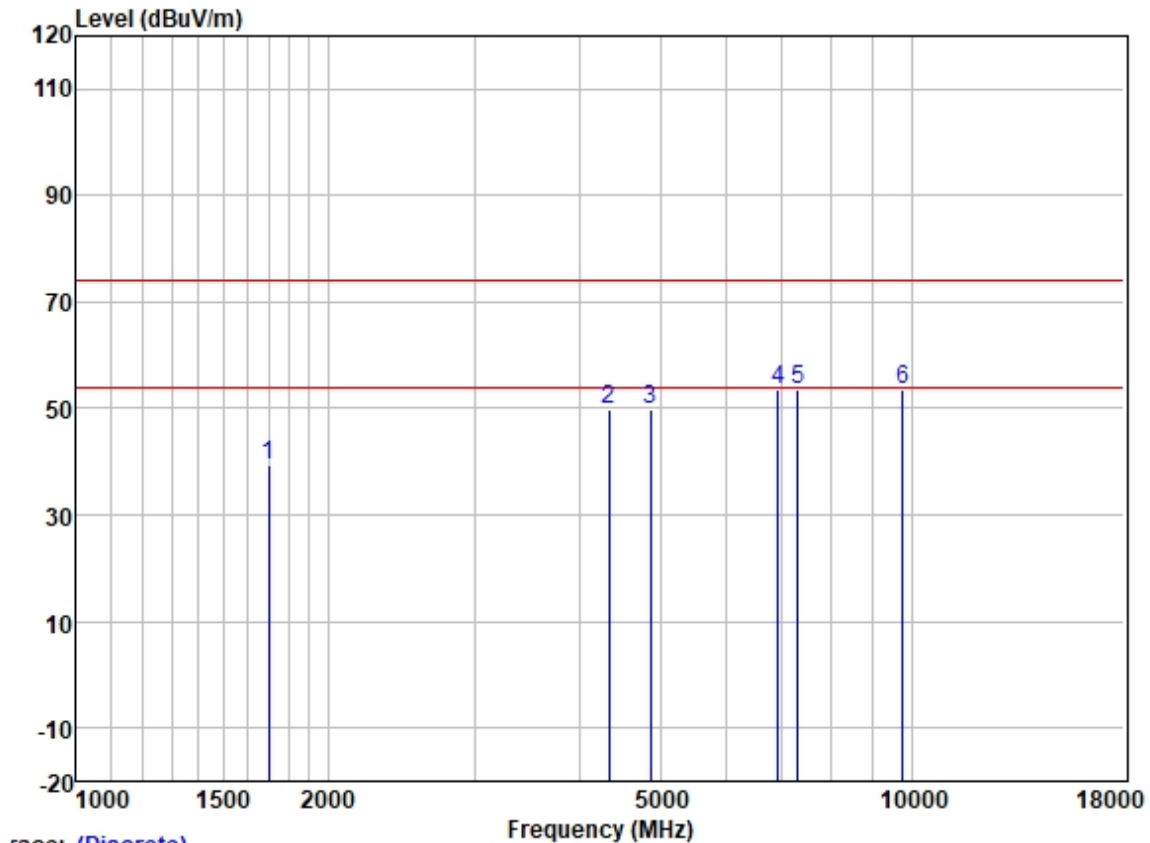
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1692.231	48.81	25.70	2.80	37.89	39.42	74.00	-34.58	VERTICAL	Peak
2	4181.768	51.94	30.12	4.60	36.80	49.86	74.00	-24.14	VERTICAL	Peak
3	4824.000	49.80	31.45	5.42	36.83	49.84	74.00	-24.16	VERTICAL	Peak
4	6432.732	50.70	33.83	5.88	36.99	53.42	74.00	-20.58	VERTICAL	Peak
5	7236.000	49.17	35.70	6.03	37.39	53.51	74.00	-20.49	VERTICAL	Peak
6	9648.000	45.17	38.40	7.06	37.42	53.21	74.00	-20.79	VERTICAL	Peak



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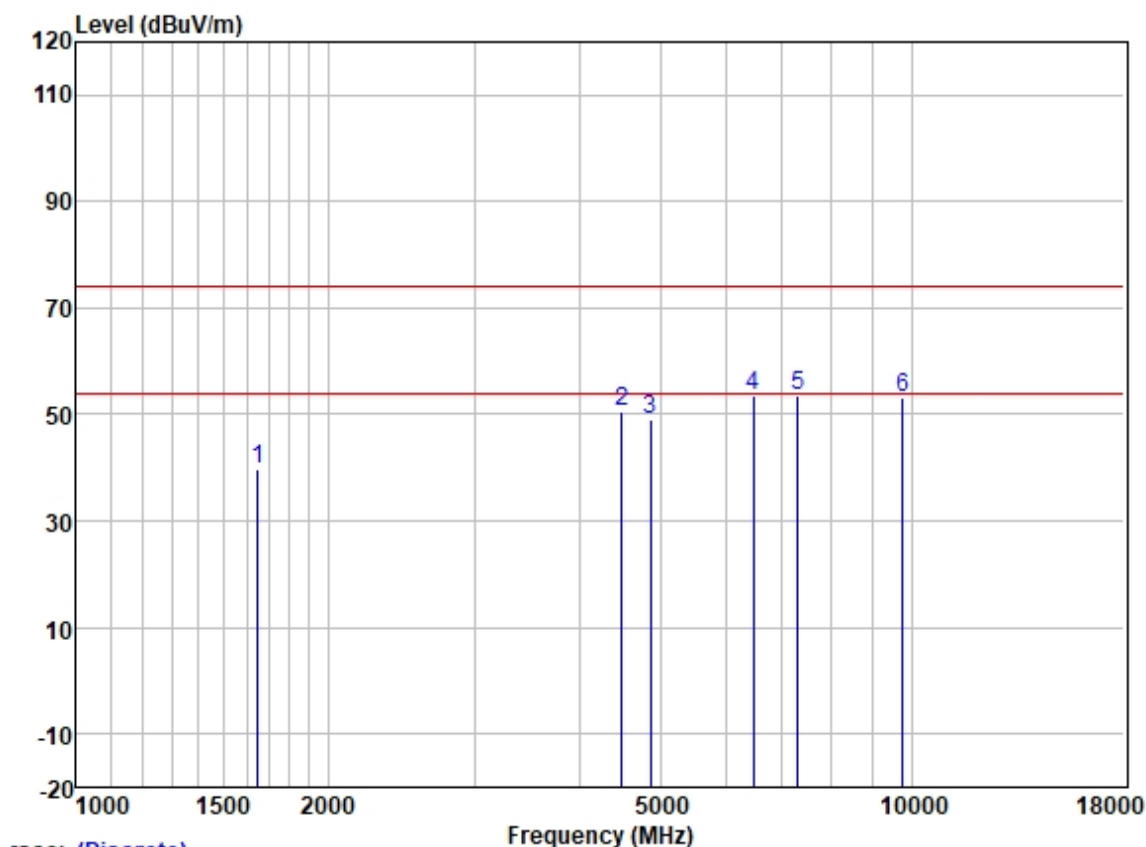
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Test Mode: 00; Polarity: Horizontal; Modulation:802.11g; Bandwidth:20MHz; Channel:middle



	Freq	ReadAntenna		Cable	Preamp		Limit	Over		
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1697.129	48.71	25.71	2.80	37.89	39.33	74.00	-34.67	HORIZONTAL	Peak
2	4341.886	51.48	30.57	4.67	36.81	49.91	74.00	-24.09	HORIZONTAL	Peak
3	4874.000	49.49	31.54	5.50	36.84	49.69	74.00	-24.31	HORIZONTAL	Peak
4	6914.763	50.09	34.89	5.81	37.19	53.60	74.00	-20.40	HORIZONTAL	Peak
5	7311.000	48.83	35.93	6.11	37.42	53.45	74.00	-20.55	HORIZONTAL	Peak
6	9748.000	45.57	38.50	7.02	37.41	53.68	74.00	-20.32	HORIZONTAL	Peak

Test Mode: 00; Polarity: Vertical; Modulation: 802.11g; Bandwidth: 20MHz; Channel: middle



Trace: (Discrete)

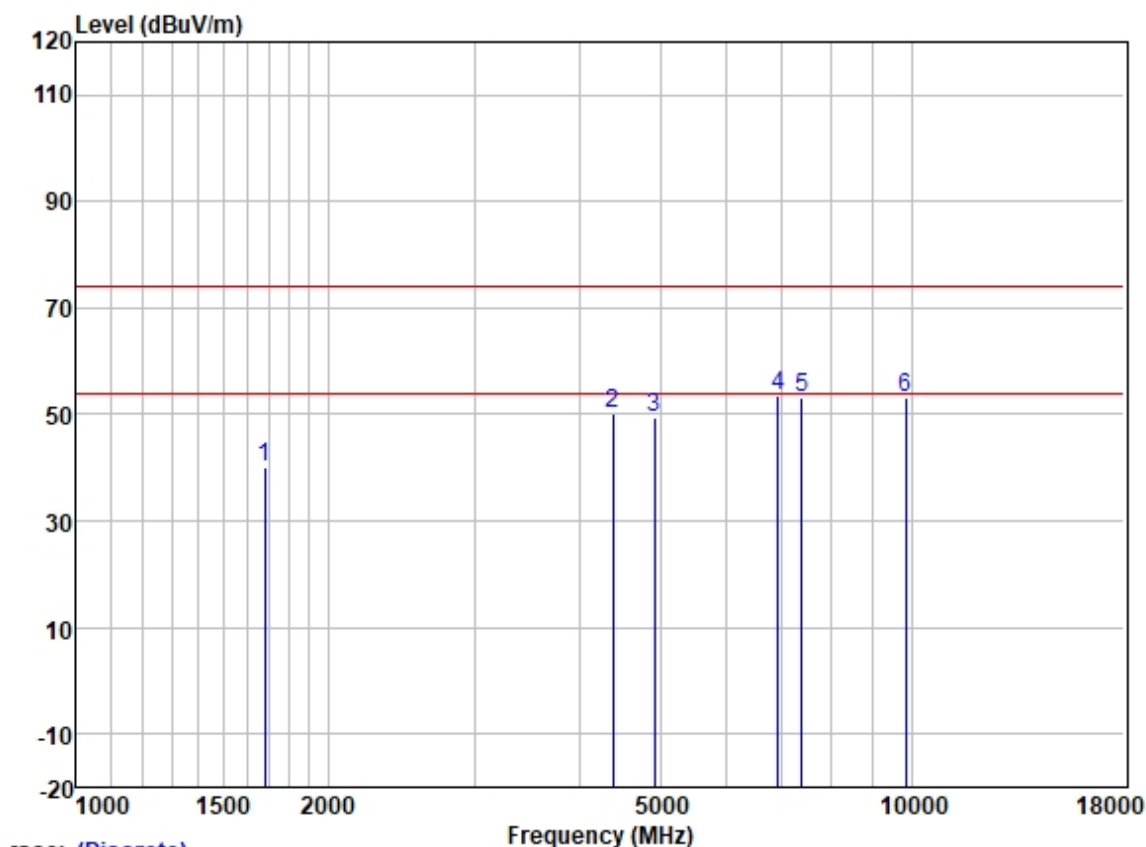
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1648.778	49.24	25.63	2.80	37.93	39.74	74.00	-34.26	VERTICAL Peak
2	4495.125	51.50	30.80	5.05	36.82	50.53	74.00	-23.47	VERTICAL Peak
3	4874.000	48.70	31.54	5.50	36.84	48.90	74.00	-25.10	VERTICAL Peak
4	6470.026	50.86	33.92	5.86	37.00	53.64	74.00	-20.36	VERTICAL Peak
5	7311.000	48.85	35.93	6.11	37.42	53.47	74.00	-20.53	VERTICAL Peak
6	9748.000	45.07	38.50	7.02	37.41	53.18	74.00	-20.82	VERTICAL Peak



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Test Mode: 00; Polarity: Horizontal; Modulation: 802.11g; Bandwidth: 20MHz; Channel: High



Trace: (Discrete)

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1682.477	49.46	25.68	2.80	37.91	40.03	74.00	-33.97	HORIZONTAL	Peak
2	4392.376	51.75	30.66	4.70	36.81	50.30	74.00	-23.70	HORIZONTAL	Peak
3	4924.000	49.07	31.62	5.60	36.84	49.45	74.00	-24.55	HORIZONTAL	Peak
4	6914.763	50.00	34.89	5.81	37.19	53.51	74.00	-20.49	HORIZONTAL	Peak
5	7386.000	48.36	36.17	6.19	37.45	53.27	74.00	-20.73	HORIZONTAL	Peak
6	9848.000	44.86	38.58	6.99	37.41	53.02	74.00	-20.98	HORIZONTAL	Peak

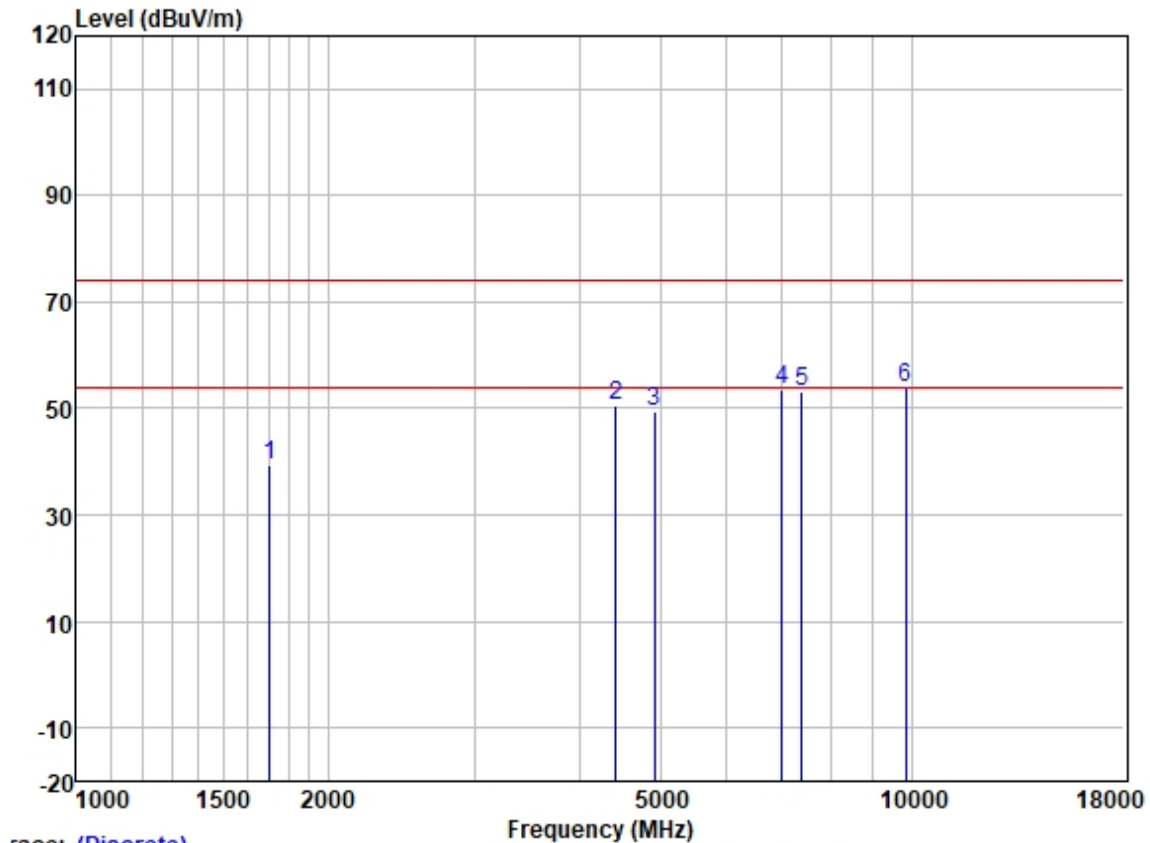


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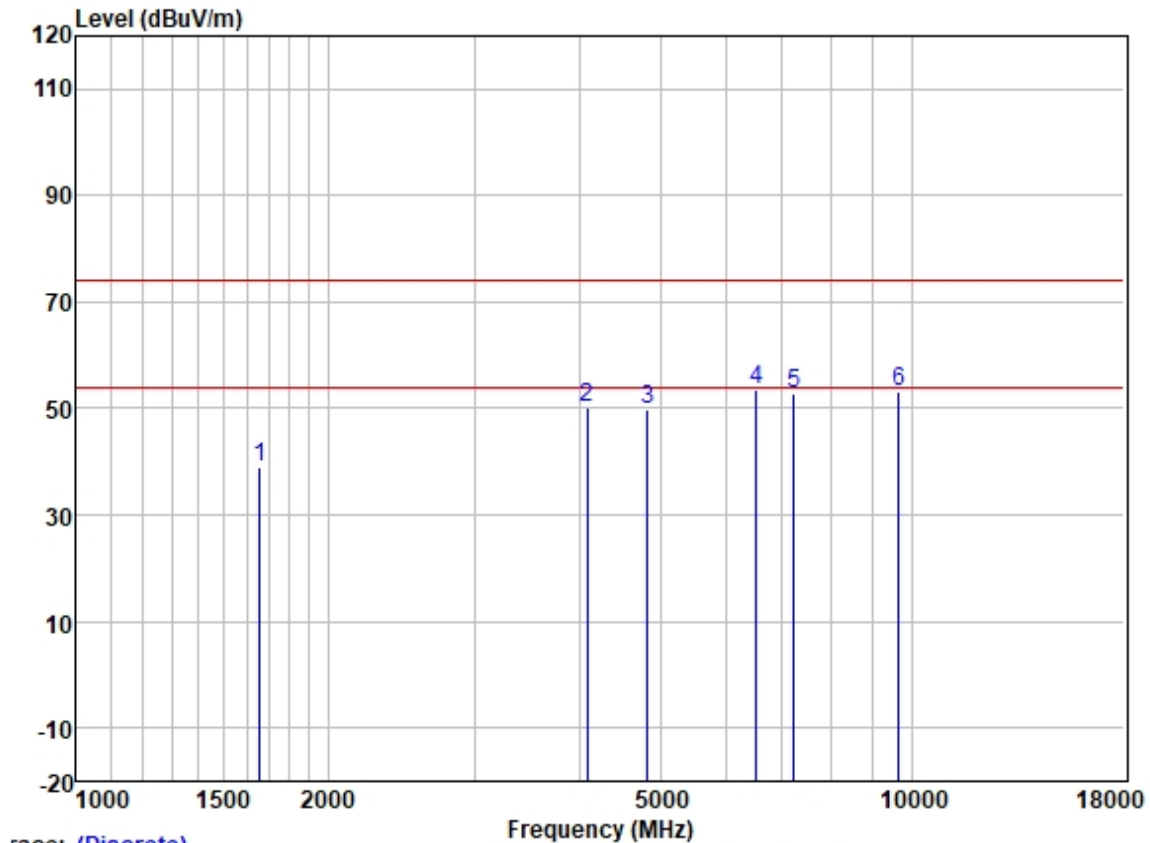


Test Mode: 00; Polarity: Vertical; Modulation:802.11g; Bandwidth:20MHz; Channel:High



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1702.042	48.82	25.72	2.80	37.89	39.45	74.00	-34.55	VERTICAL	Peak
2	4430.628	51.97	30.72	4.78	36.81	50.66	74.00	-23.34	VERTICAL	Peak
3	4924.000	49.16	31.62	5.60	36.84	49.54	74.00	-24.46	VERTICAL	Peak
4	6995.172	50.09	35.00	5.81	37.25	53.65	74.00	-20.35	VERTICAL	Peak
5	7386.000	48.11	36.17	6.19	37.45	53.02	74.00	-20.98	VERTICAL	Peak
6	9848.000	45.67	38.58	6.99	37.41	53.83	74.00	-20.17	VERTICAL	Peak

Test Mode: 00; Polarity: Horizontal; Modulation: 802.11n; Bandwidth: 20MHz; Channel: Low



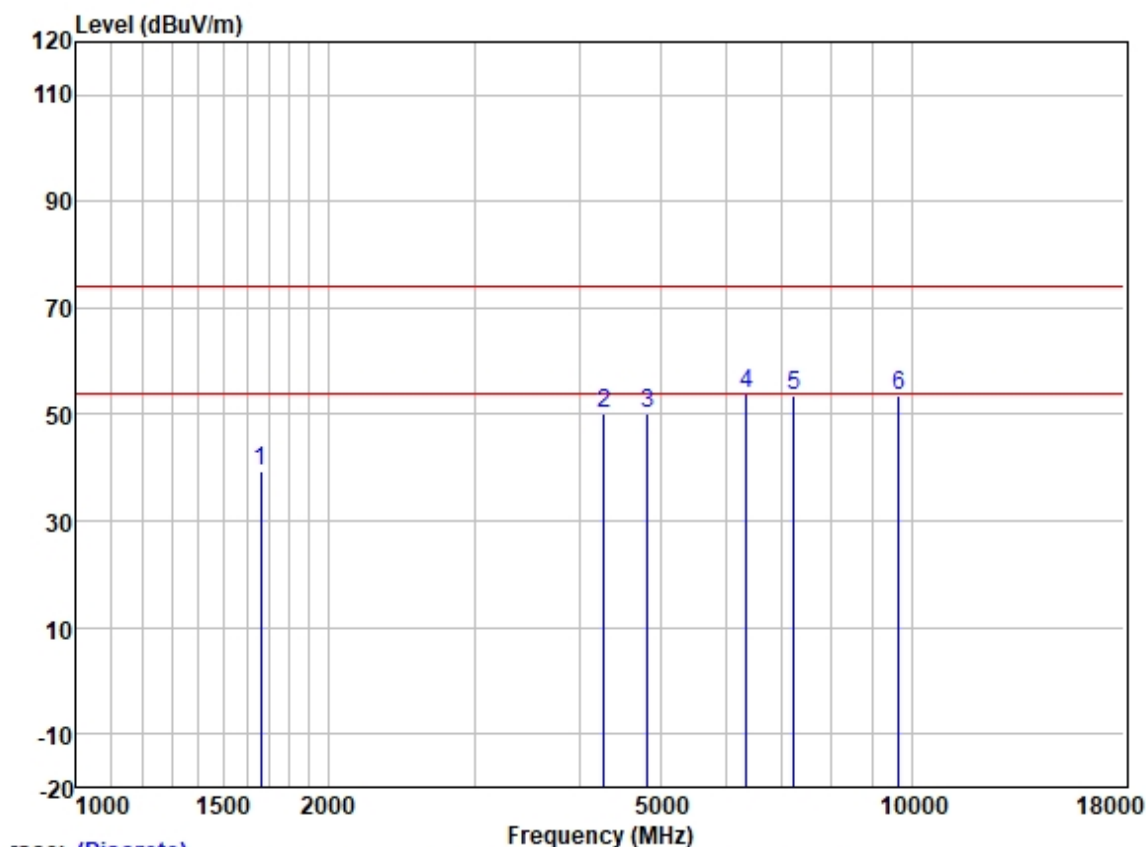
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1658.337	48.58	25.65	2.80	37.93	39.10	74.00	-34.90	HORIZONTAL	Peak
2	4086.182	52.65	29.92	4.60	36.80	50.37	74.00	-23.63	HORIZONTAL	Peak
3	4824.000	49.94	31.45	5.42	36.83	49.98	74.00	-24.02	HORIZONTAL	Peak
4	6526.373	50.72	34.03	5.84	37.02	53.57	74.00	-20.43	HORIZONTAL	Peak
5	7236.000	48.38	35.70	6.03	37.39	52.72	74.00	-21.28	HORIZONTAL	Peak
6	9648.000	45.26	38.40	7.06	37.42	53.30	74.00	-20.70	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

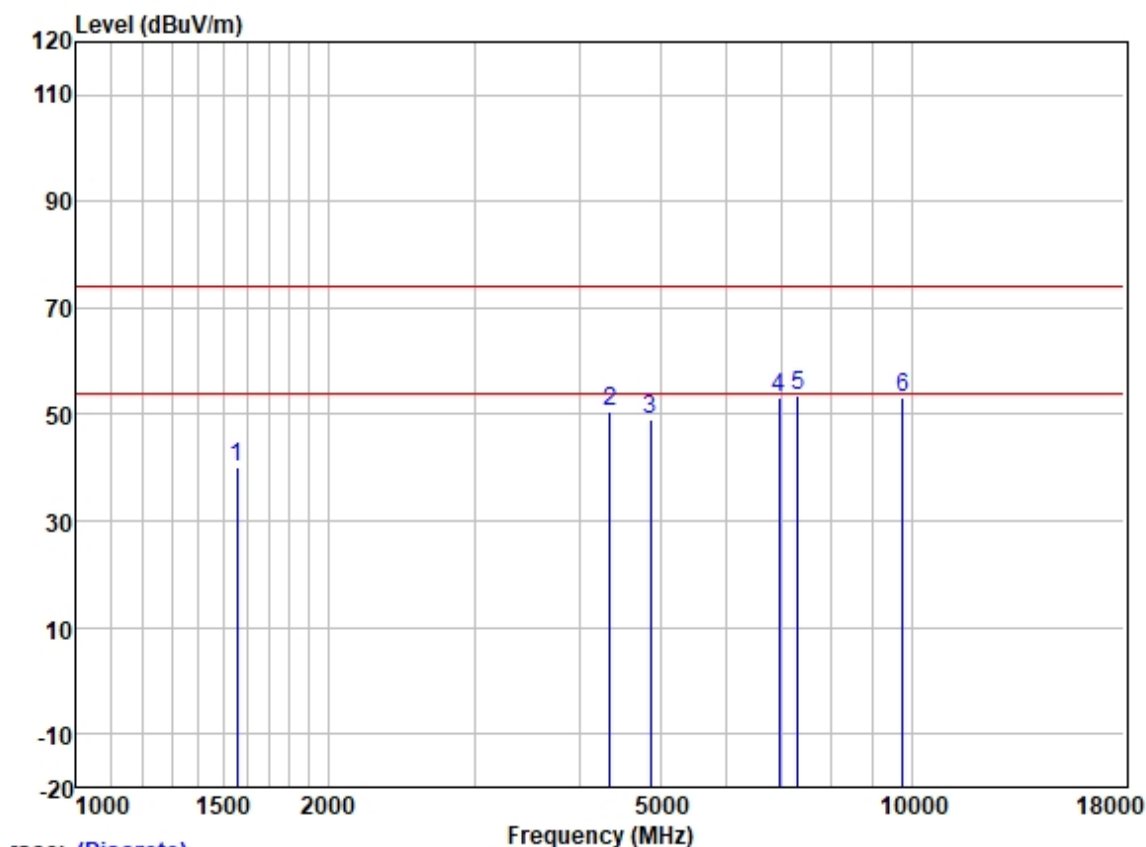
	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1663.137	48.72	25.65	2.80	37.91	39.26	74.00	-34.74	VERTICAL
2	4279.589	52.10	30.42	4.63	36.81	50.34	74.00	-23.66	VERTICAL
3	4824.000	49.97	31.45	5.42	36.83	50.01	74.00	-23.99	VERTICAL
4	6340.436	51.39	33.57	5.94	36.97	53.93	74.00	-20.07	VERTICAL
5	7236.000	49.28	35.70	6.03	37.39	53.62	74.00	-20.38	VERTICAL
6	9648.000	45.42	38.40	7.06	37.42	53.46	74.00	-20.54	VERTICAL



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Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1556.169	49.65	25.54	2.80	38.03	39.96	74.00	-34.04	HORIZONTAL Peak
2	4354.454	52.11	30.59	4.68	36.81	50.57	74.00	-23.43	HORIZONTAL Peak
3	4874.000	48.91	31.54	5.50	36.84	49.11	74.00	-24.89	HORIZONTAL Peak
4	6934.778	49.74	34.92	5.81	37.19	53.28	74.00	-20.72	HORIZONTAL Peak
5	7311.000	48.87	35.93	6.11	37.42	53.49	74.00	-20.51	HORIZONTAL Peak
6	9748.000	45.19	38.50	7.02	37.41	53.30	74.00	-20.70	HORIZONTAL Peak

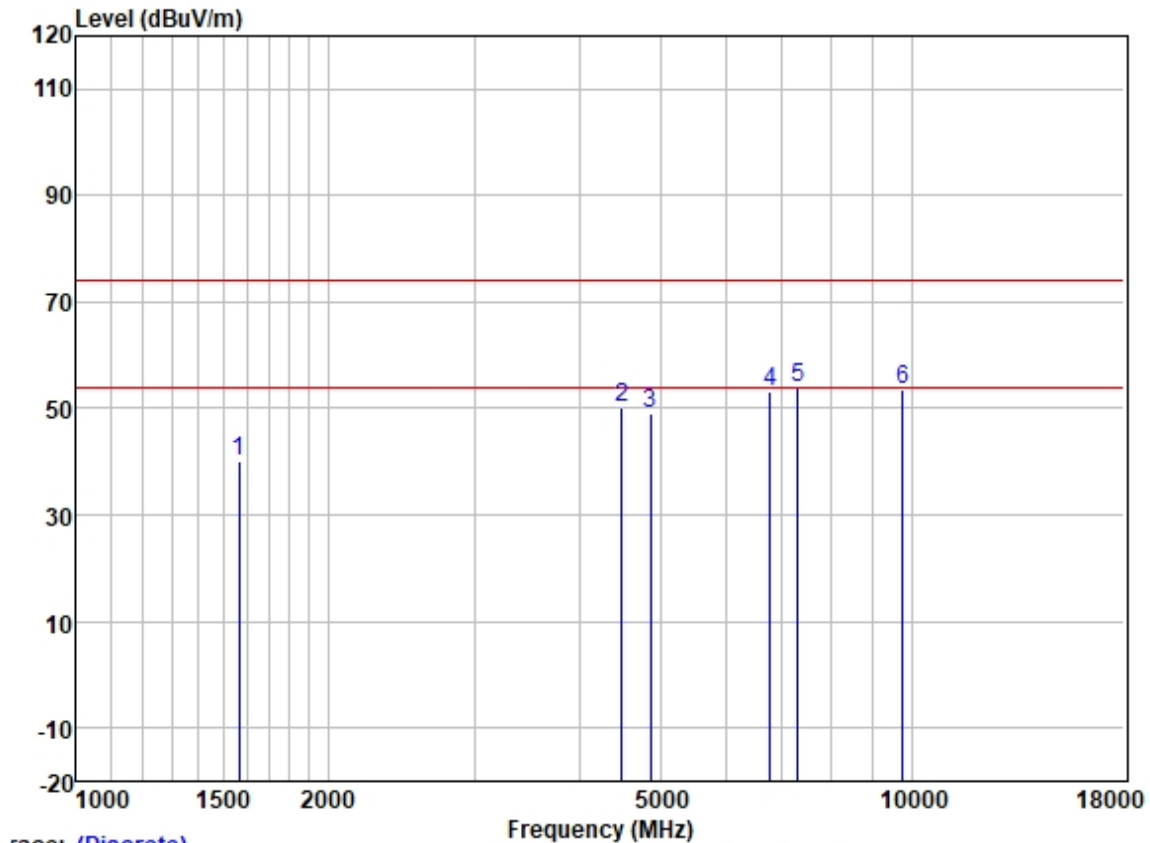


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Test Mode: 00; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 20MHz; Channel: middle



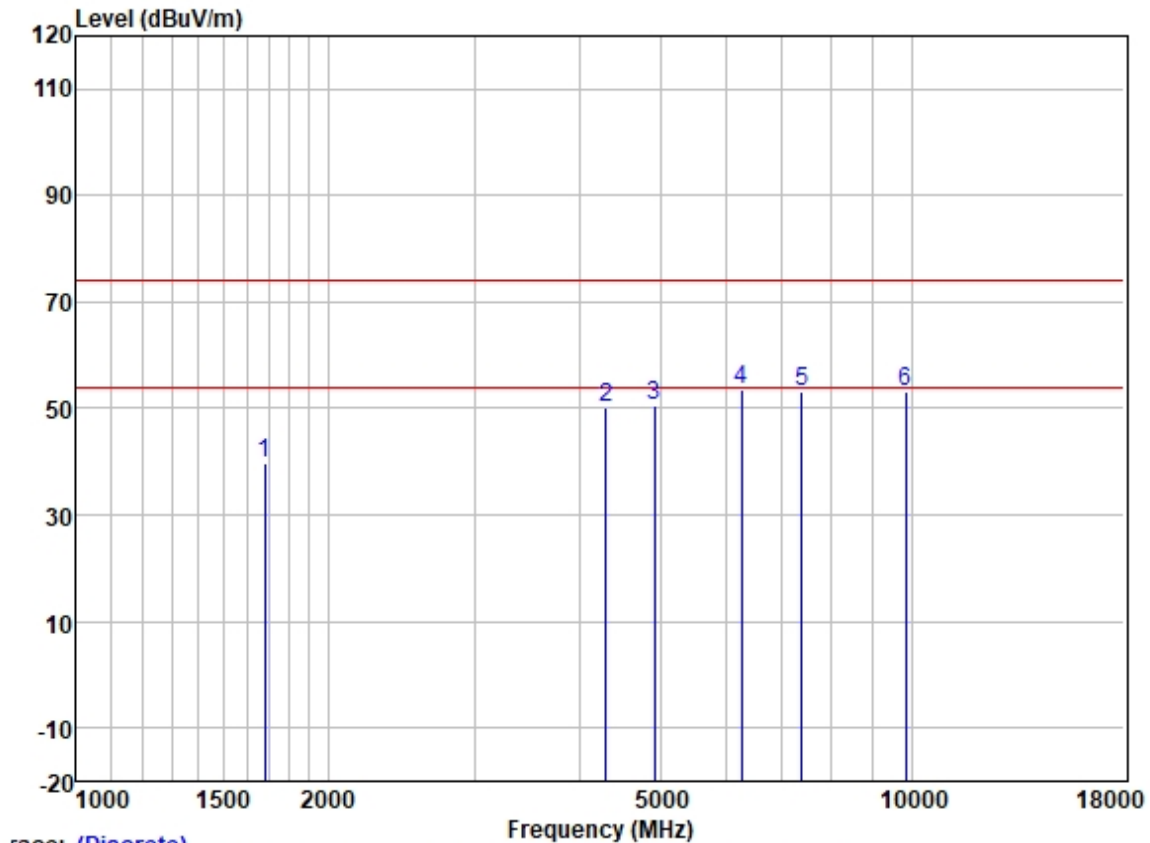
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1565.191	49.62	25.55	2.80	38.00	39.97	74.00	-34.03	VERTICAL	Peak
2	4495.125	51.05	30.80	5.05	36.82	50.08	74.00	-23.92	VERTICAL	Peak
3	4874.000	48.98	31.54	5.50	36.84	49.18	74.00	-24.82	VERTICAL	Peak
4	6776.265	49.70	34.61	5.82	37.11	53.02	74.00	-20.98	VERTICAL	Peak
5	7311.000	49.35	35.93	6.11	37.42	53.97	74.00	-20.03	VERTICAL	Peak
6	9748.000	45.33	38.50	7.02	37.41	53.44	74.00	-20.56	VERTICAL	Peak



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Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



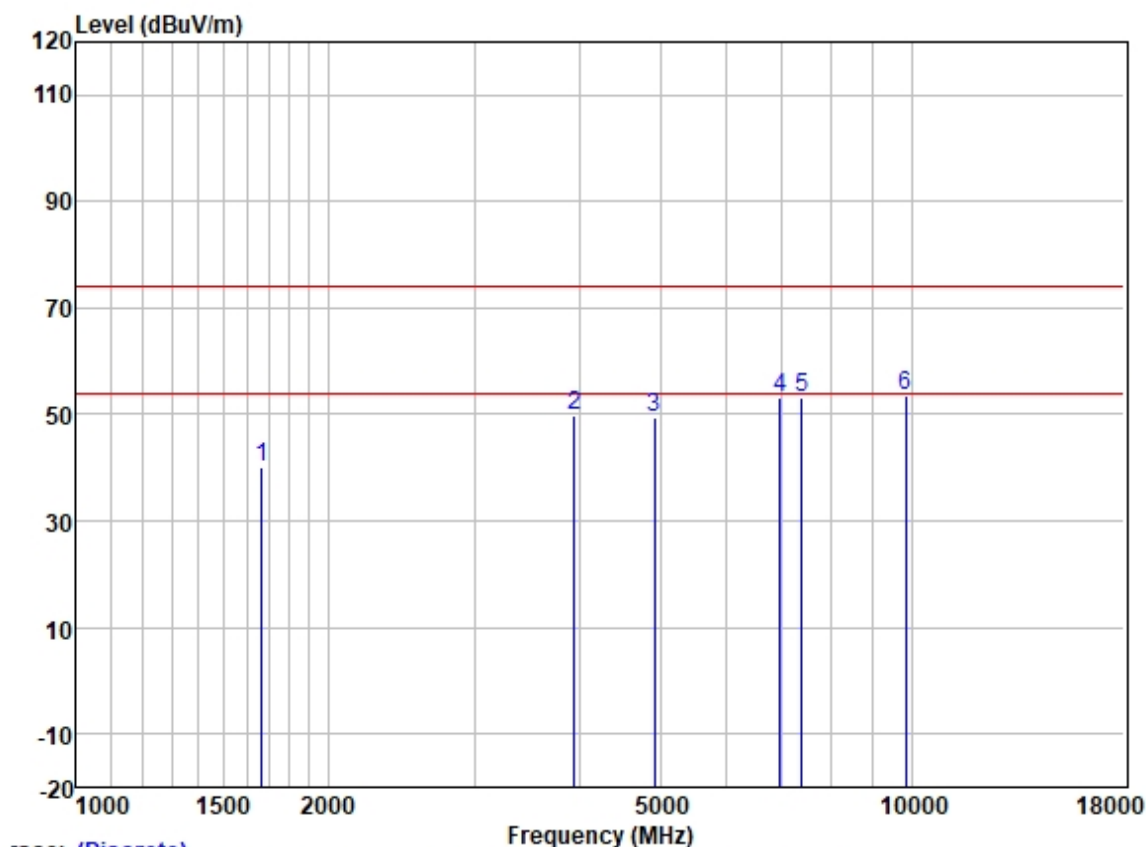
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1682.477	49.32	25.68	2.80	37.91	39.89	74.00	-34.11	HORIZONTAL	Peak
2	4304.400	51.77	30.48	4.65	36.81	50.09	74.00	-23.91	HORIZONTAL	Peak
3	4924.000	50.23	31.62	5.60	36.84	50.61	74.00	-23.39	HORIZONTAL	Peak
4	6249.464	51.20	33.20	6.02	36.95	53.47	74.00	-20.53	HORIZONTAL	Peak
5	7386.000	48.14	36.17	6.19	37.45	53.05	74.00	-20.95	HORIZONTAL	Peak
6	9848.000	44.89	38.58	6.99	37.41	53.05	74.00	-20.95	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



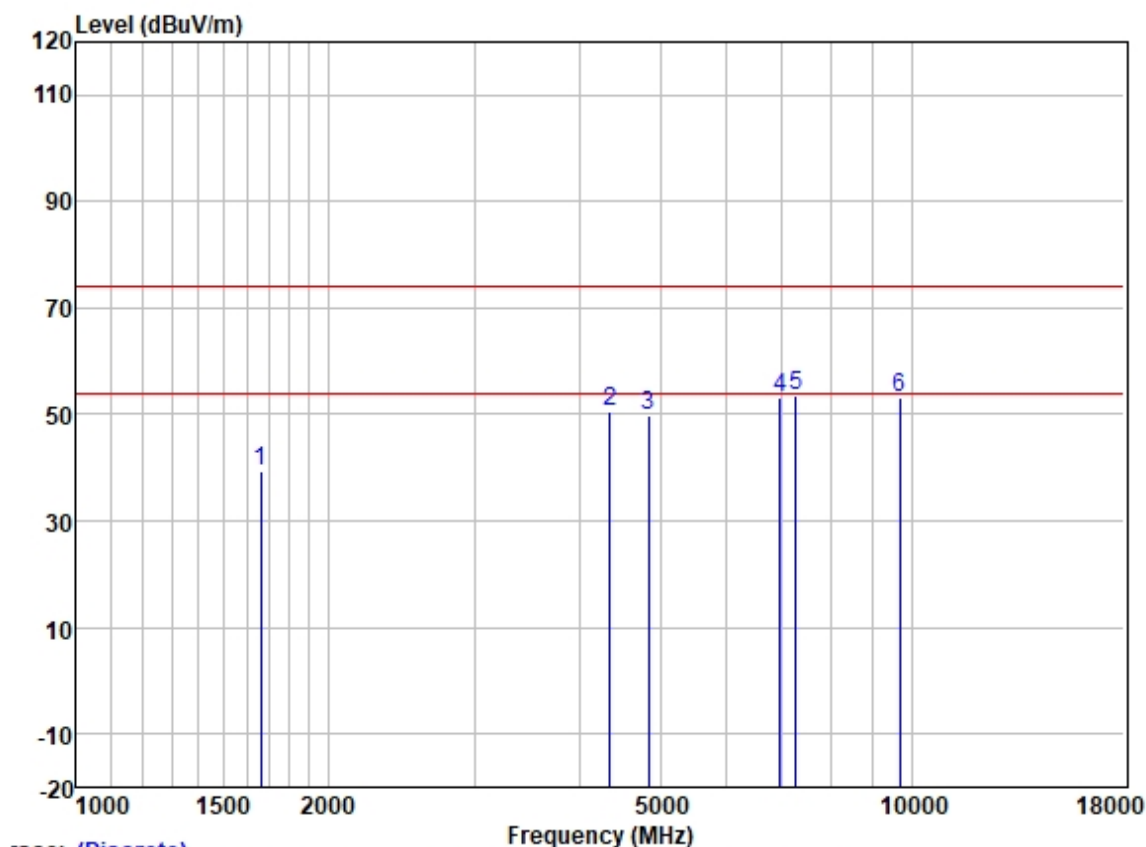
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1667.951	49.65	25.66	2.80	37.91	40.20	74.00	-33.80	VERTICAL	Peak
2	3946.885	52.41	29.74	4.60	36.81	49.94	74.00	-24.06	VERTICAL	Peak
3	4924.000	49.07	31.62	5.60	36.84	49.45	74.00	-24.55	VERTICAL	Peak
4	6954.852	49.58	34.95	5.81	37.21	53.13	74.00	-20.87	VERTICAL	Peak
5	7386.000	48.23	36.17	6.19	37.45	53.14	74.00	-20.86	VERTICAL	Peak
6	9848.000	45.35	38.58	6.99	37.41	53.51	74.00	-20.49	VERTICAL	Peak



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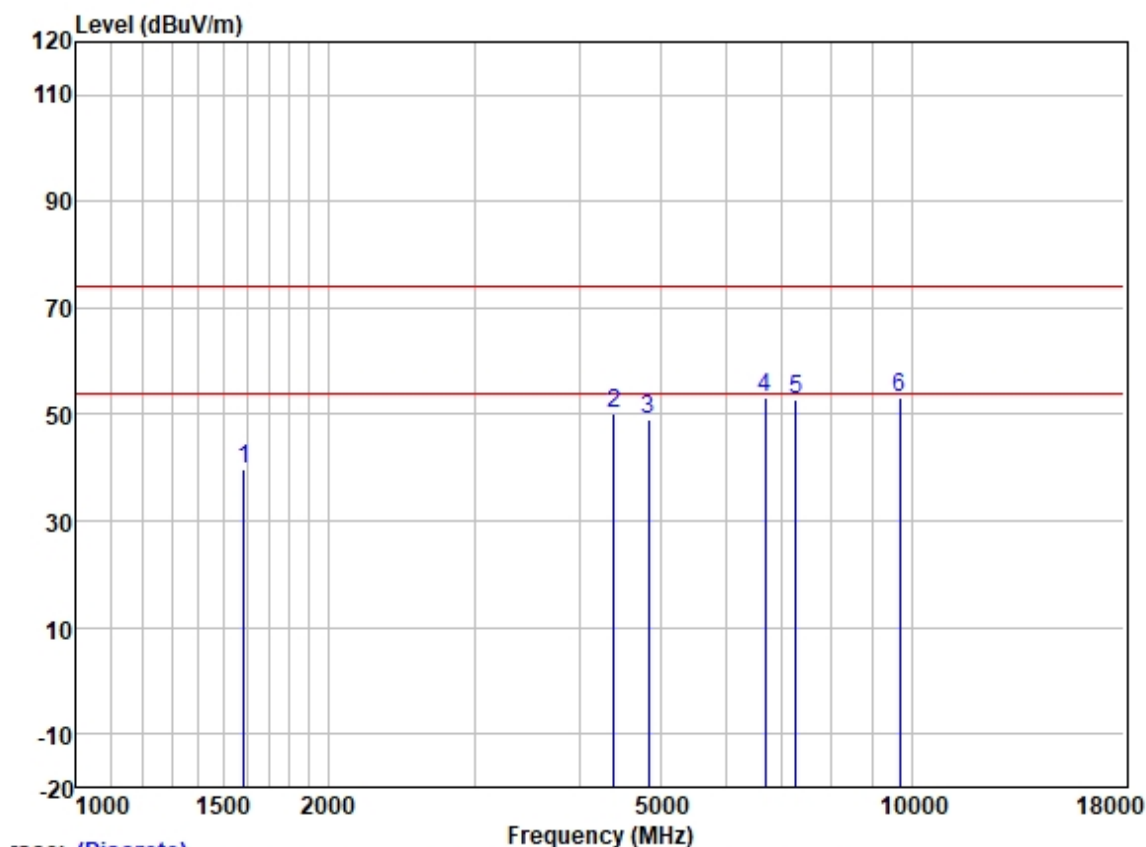
Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1663.137	48.98	25.65	2.80	37.91	39.52	74.00	-34.48	HORIZONTAL	Peak
2	4354.454	52.03	30.59	4.68	36.81	50.49	74.00	-23.51	HORIZONTAL	Peak
3	4844.000	49.55	31.50	5.45	36.84	49.66	74.00	-24.34	HORIZONTAL	Peak
4	6954.852	49.71	34.95	5.81	37.21	53.26	74.00	-20.74	HORIZONTAL	Peak
5	7266.000	49.03	35.78	6.06	37.41	53.46	74.00	-20.54	HORIZONTAL	Peak
6	9688.000	45.17	38.44	7.04	37.42	53.23	74.00	-20.77	HORIZONTAL	Peak



Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

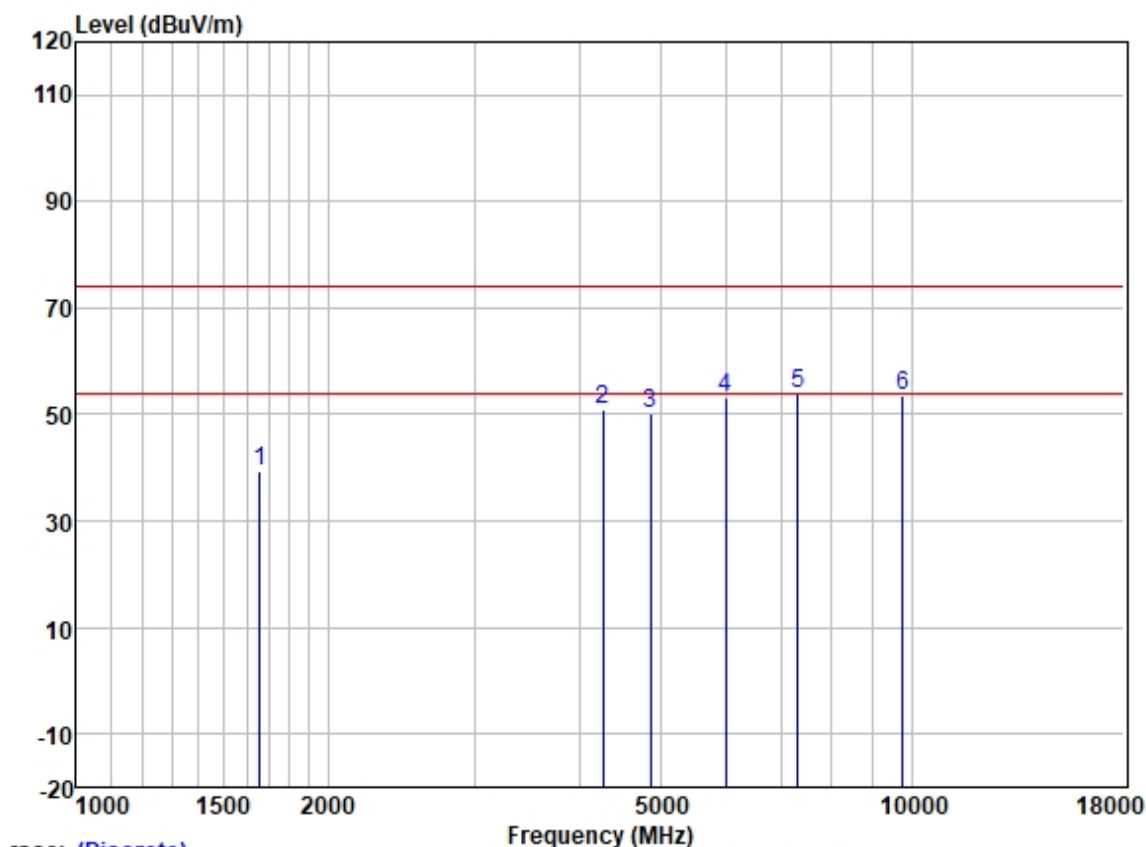
	ReadAntenna	Cable	Preamp		Limit	Over			
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1587.975	49.16	25.57	2.80	37.98	39.55	74.00	-34.45	VERTICAL Peak
2	4405.090	51.75	30.68	4.70	36.81	50.32	74.00	-23.68	VERTICAL Peak
3	4844.000	49.06	31.50	5.45	36.84	49.17	74.00	-24.83	VERTICAL Peak
4	6679.040	50.04	34.33	5.83	37.07	53.13	74.00	-20.87	VERTICAL Peak
5	7266.000	48.48	35.78	6.06	37.41	52.91	74.00	-21.09	VERTICAL Peak
6	9688.000	45.21	38.44	7.04	37.42	53.27	74.00	-20.73	VERTICAL Peak



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Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:middle



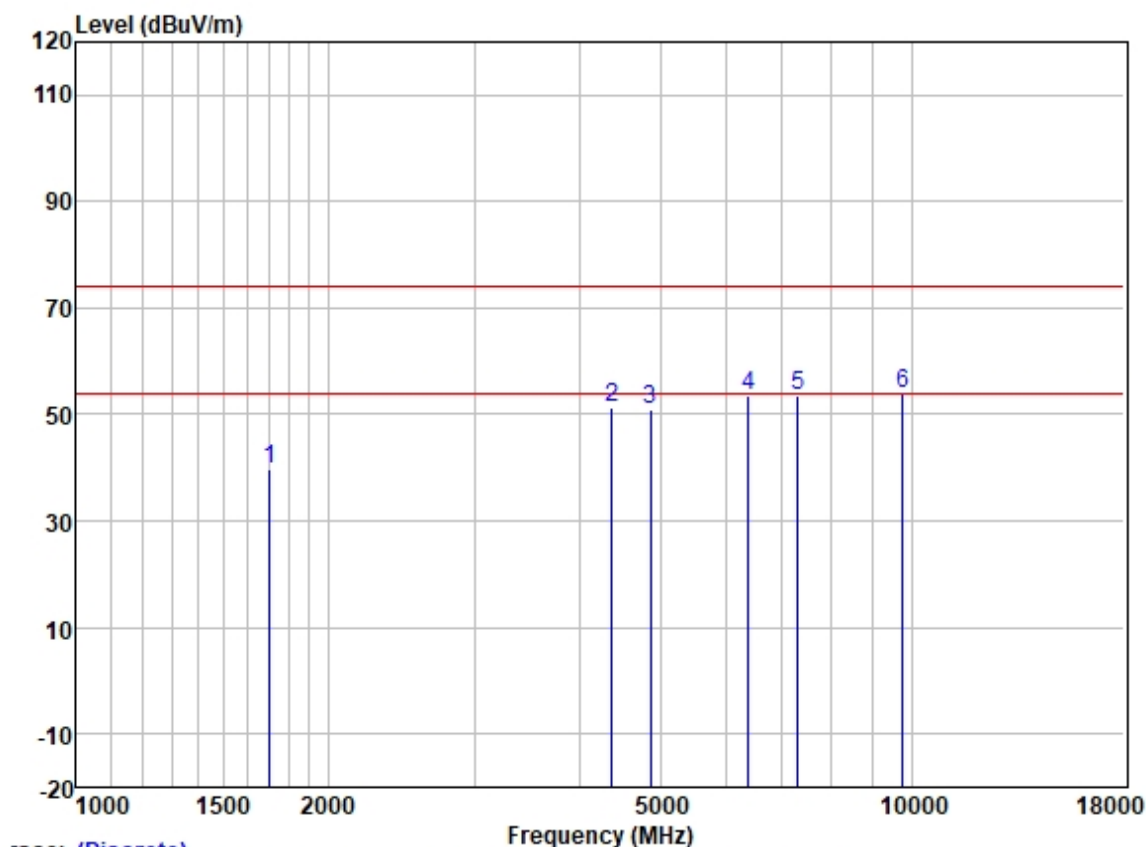
	Freq	Read	Antenna	Cable	Preamp	Level	Limit	Over	Pol/Phase	Remark
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit		
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1658.337	48.67	25.65	2.80	37.93	39.19	74.00	-34.81	HORIZONTAL	Peak
2	4267.237	52.59	30.38	4.63	36.81	50.79	74.00	-23.21	HORIZONTAL	Peak
3	4874.000	50.02	31.54	5.50	36.84	50.22	74.00	-23.78	HORIZONTAL	Peak
4	5984.305	51.68	32.39	6.15	36.90	53.32	74.00	-20.68	HORIZONTAL	Peak
5	7311.000	49.24	35.93	6.11	37.42	53.86	74.00	-20.14	HORIZONTAL	Peak
6	9748.000	45.53	38.50	7.02	37.41	53.64	74.00	-20.36	HORIZONTAL	Peak



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Test Mode: 00; Polarity: Vertical; Modulation: 802.11n; Bandwidth: 40MHz; Channel: middle



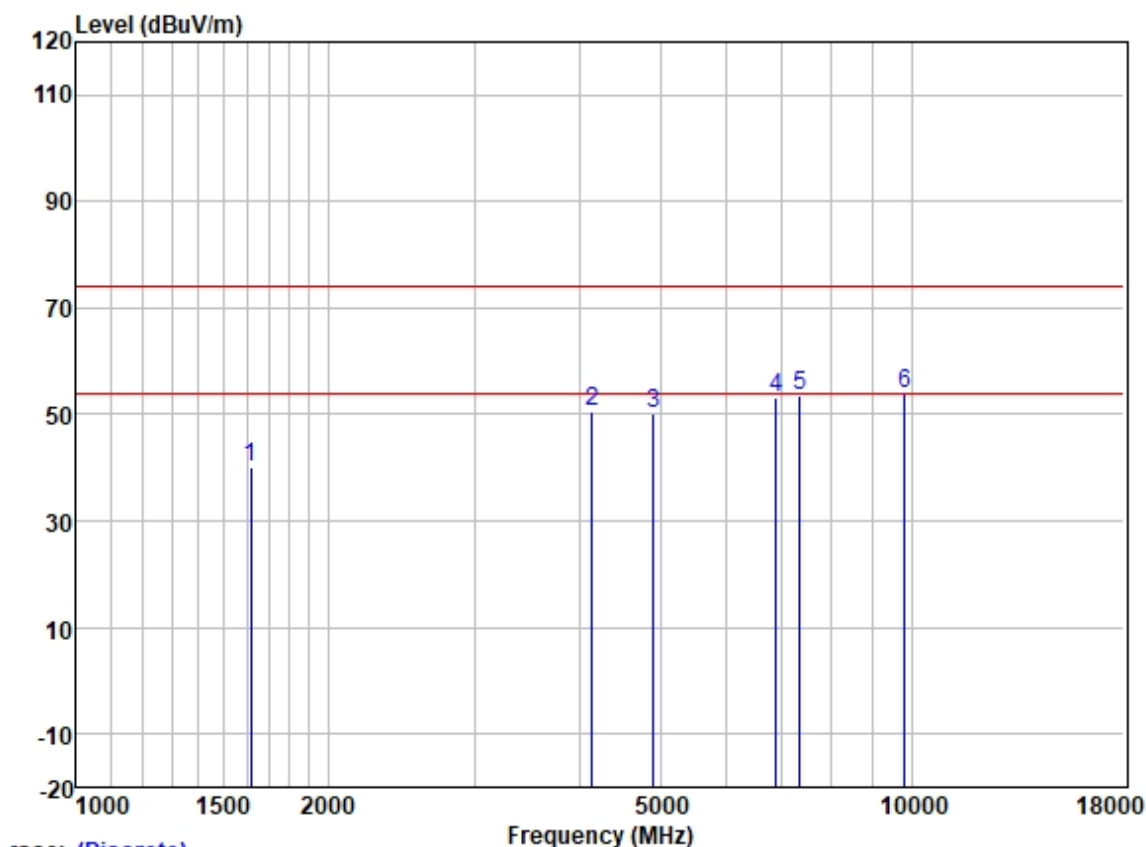
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1702.042	49.22	25.72	2.80	37.89	39.85	74.00	-34.15	VERTICAL	Peak
2	4379.699	52.70	30.64	4.69	36.81	51.22	74.00	-22.78	VERTICAL	Peak
3	4874.000	50.58	31.54	5.50	36.84	50.78	74.00	-23.22	VERTICAL	Peak
4	6377.195	51.04	33.68	5.91	36.98	53.65	74.00	-20.35	VERTICAL	Peak
5	7311.000	48.97	35.93	6.11	37.42	53.59	74.00	-20.41	VERTICAL	Peak
6	9748.000	45.82	38.50	7.02	37.41	53.93	74.00	-20.07	VERTICAL	Peak



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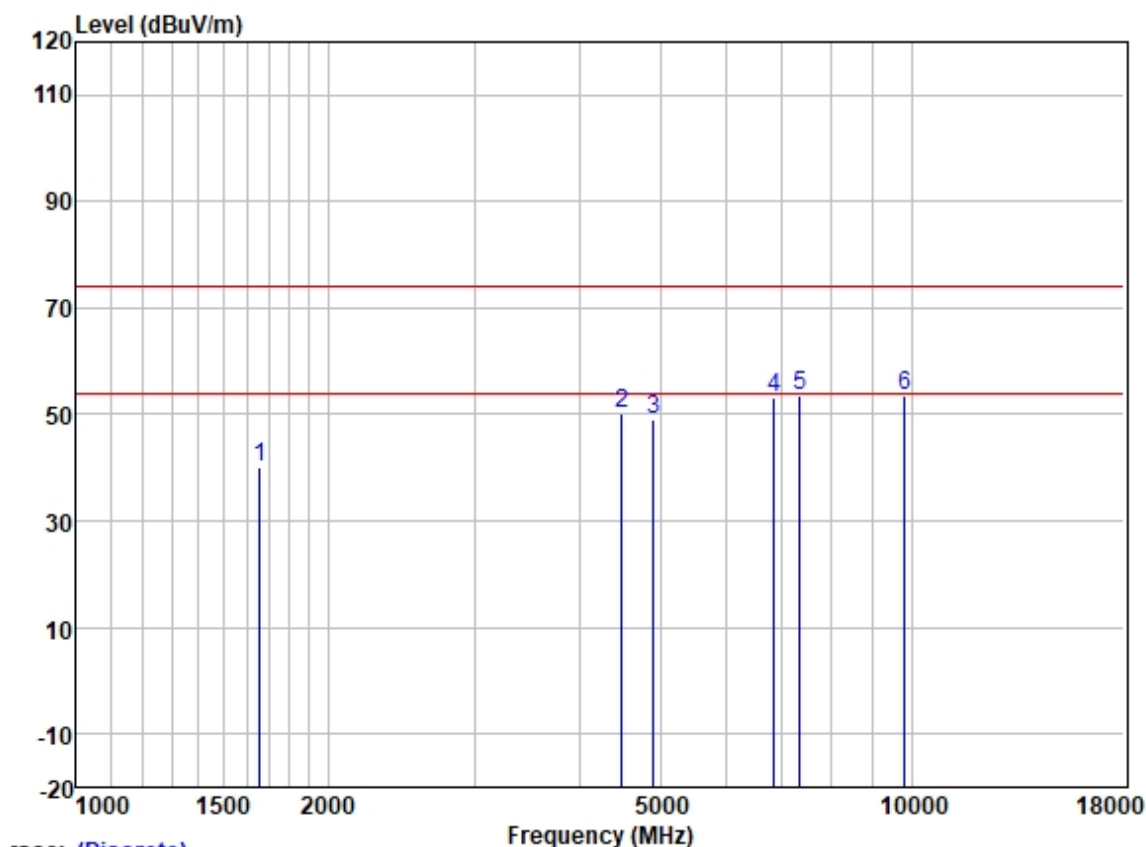
Test Mode: 00; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1615.754	49.69	25.60	2.80	37.95	40.14	74.00	-33.86	HORIZONTAL	Peak
2	4145.664	52.61	30.03	4.60	36.80	50.44	74.00	-23.56	HORIZONTAL	Peak
3	4904.000	49.90	31.58	5.55	36.84	50.19	74.00	-23.81	HORIZONTAL	Peak
4	6874.906	49.65	34.82	5.82	37.16	53.13	74.00	-20.87	HORIZONTAL	Peak
5	7356.000	48.59	36.06	6.15	37.44	53.36	74.00	-20.64	HORIZONTAL	Peak
6	9808.000	45.64	38.56	7.00	37.41	53.79	74.00	-20.21	HORIZONTAL	Peak



Test Mode: 00; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1658.337	49.57	25.65	2.80	37.93	40.09	74.00	-33.91	VERTICAL	Peak
2	4495.125	51.32	30.80	5.05	36.82	50.35	74.00	-23.65	VERTICAL	Peak
3	4904.000	48.88	31.58	5.55	36.84	49.17	74.00	-24.83	VERTICAL	Peak
4	6855.063	49.59	34.78	5.82	37.15	53.04	74.00	-20.96	VERTICAL	Peak
5	7356.000	48.75	36.06	6.15	37.44	53.52	74.00	-20.48	VERTICAL	Peak
6	9808.000	45.21	38.56	7.00	37.41	53.36	74.00	-20.64	VERTICAL	Peak



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## 8 Test Setup Photo

Refer to 8 Test Setup Photos for GZCR2206000724AT

## 9 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2206000724AT



## 10 Appendix

### 1. Duty Cycle

#### 1.1 Ant1

##### 1.1.1 Test Result

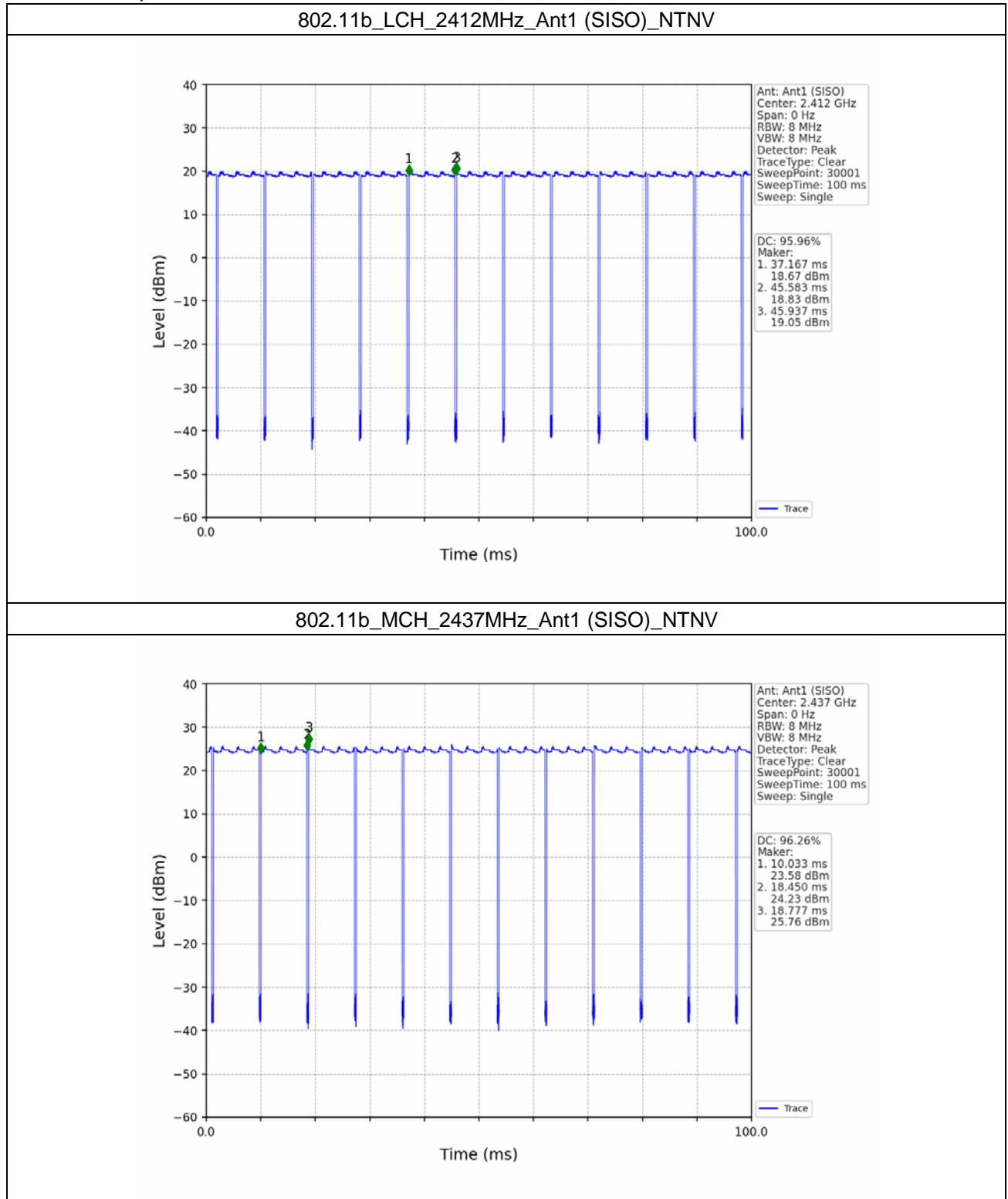
Ant1							
Mode	TX Type	Frequency (MHz)	T_on (ms)	Period (ms)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	Max. DC Variation (%)
802.11b	SISO	2412	8.416	8.770	95.96	0.18	0.40
		2437	8.417	8.744	96.26	0.17	0.15
		2462	8.416	8.740	96.29	0.16	0.11
802.11g	SISO	2412	1.398	1.738	80.44	0.95	0.87
		2437	1.398	1.738	80.44	0.95	0.84
		2462	1.396	1.729	80.74	0.93	0.42
802.11n (HT20)	MIMO	2412	0.474	0.805	58.88	2.30	0.69
		2437	0.473	0.813	58.18	2.35	2.00
		2462	0.473	0.804	58.83	2.30	0.70
802.11n (HT40)	MIMO	2422	0.253	0.584	43.32	3.63	0.69
		2437	0.253	0.584	43.32	3.63	1.38
		2452	0.253	0.611	41.41	3.83	3.28



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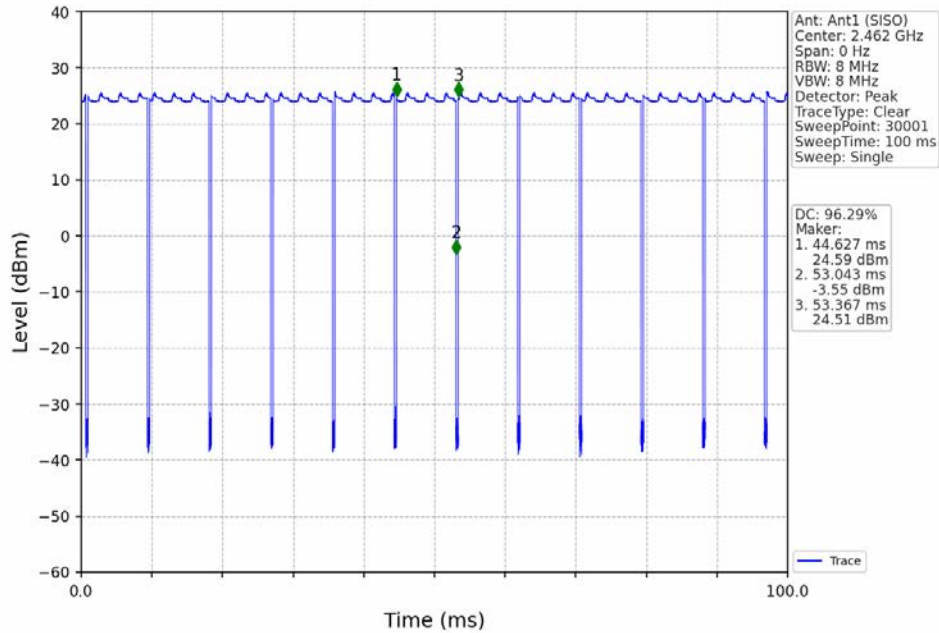
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### 1.1.2 Test Graph

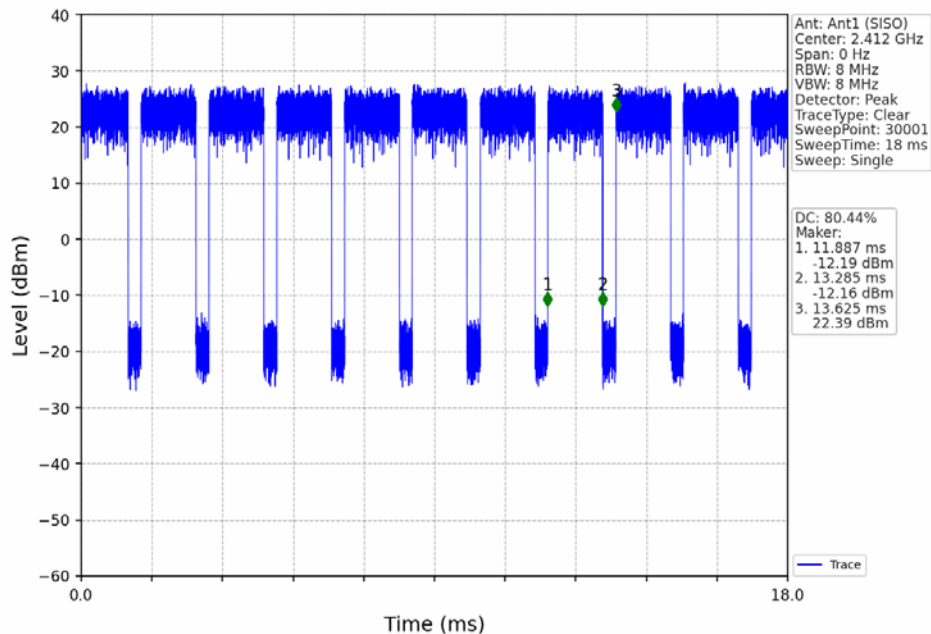




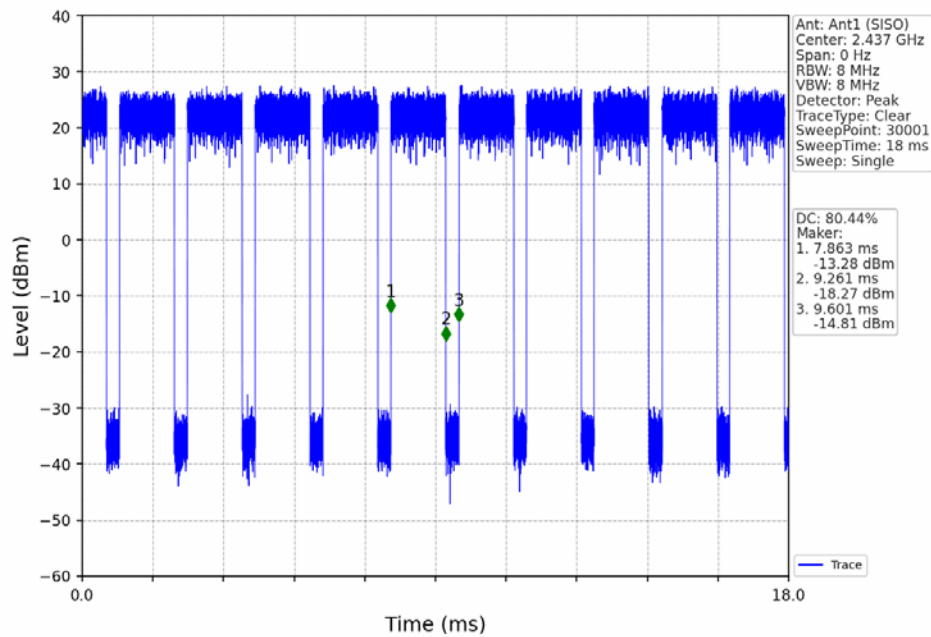
802.11b\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



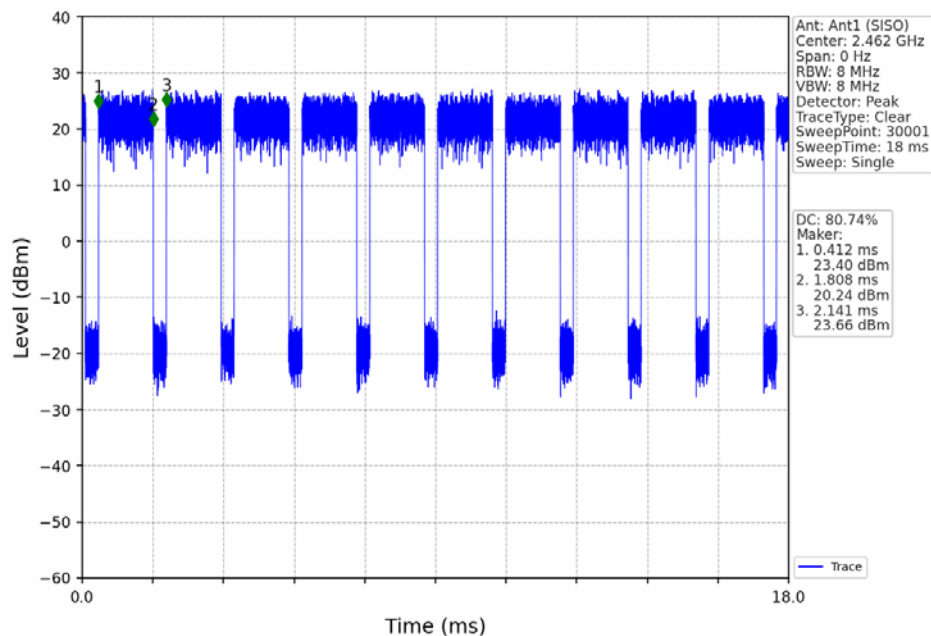
802.11g\_LCH\_2412MHz\_Ant1 (SISO)\_NTNV



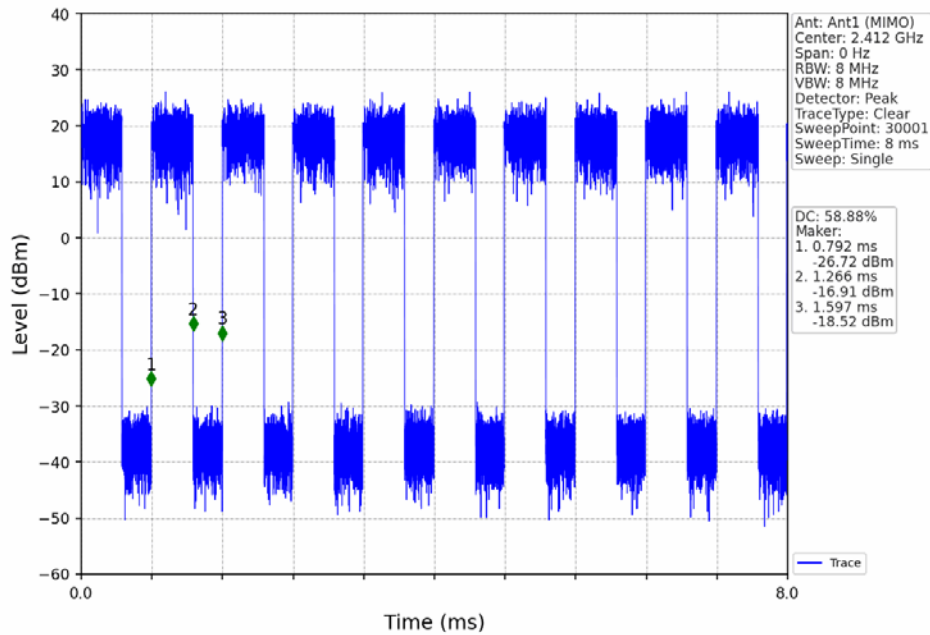
802.11g\_MCH\_2437MHz\_Ant1 (SISO)\_NTNV



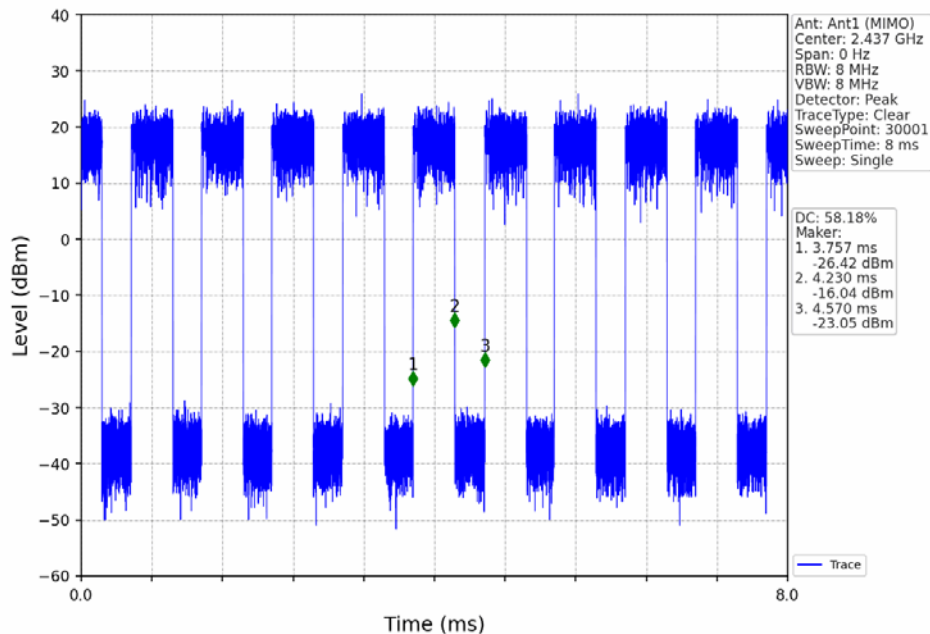
802.11g\_HCH\_2462MHz\_Ant1 (SISO)\_NTNV



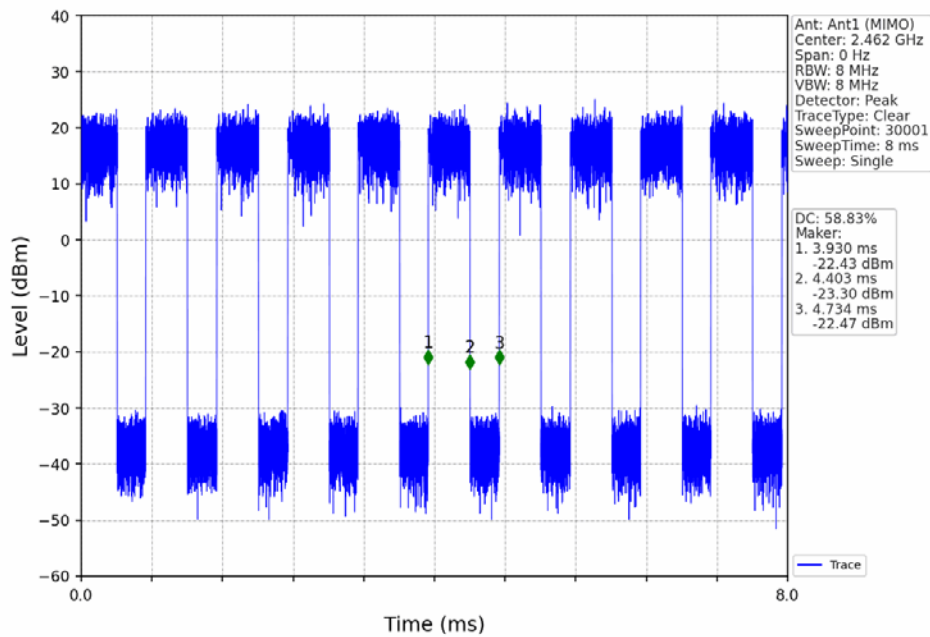
802.11n(HT20)\_LCH\_2412MHz\_Ant1 (MIMO)\_NTNV



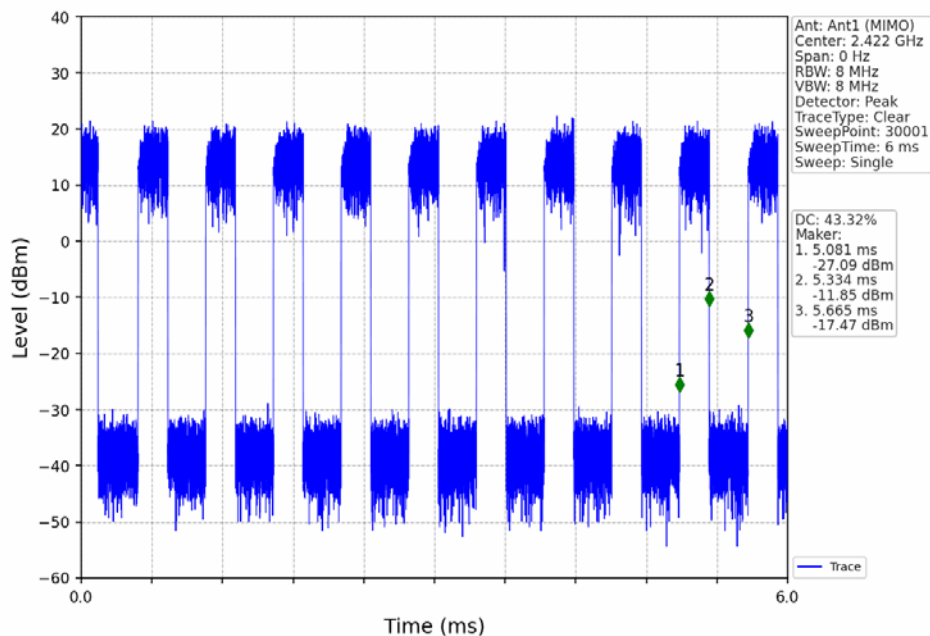
802.11n(HT20)\_MCH\_2437MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT20)\_HCH\_2462MHz\_Ant1 (MIMO)\_NTNV



802.11n(HT40)\_LCH\_2422MHz\_Ant1 (MIMO)\_NTNV



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