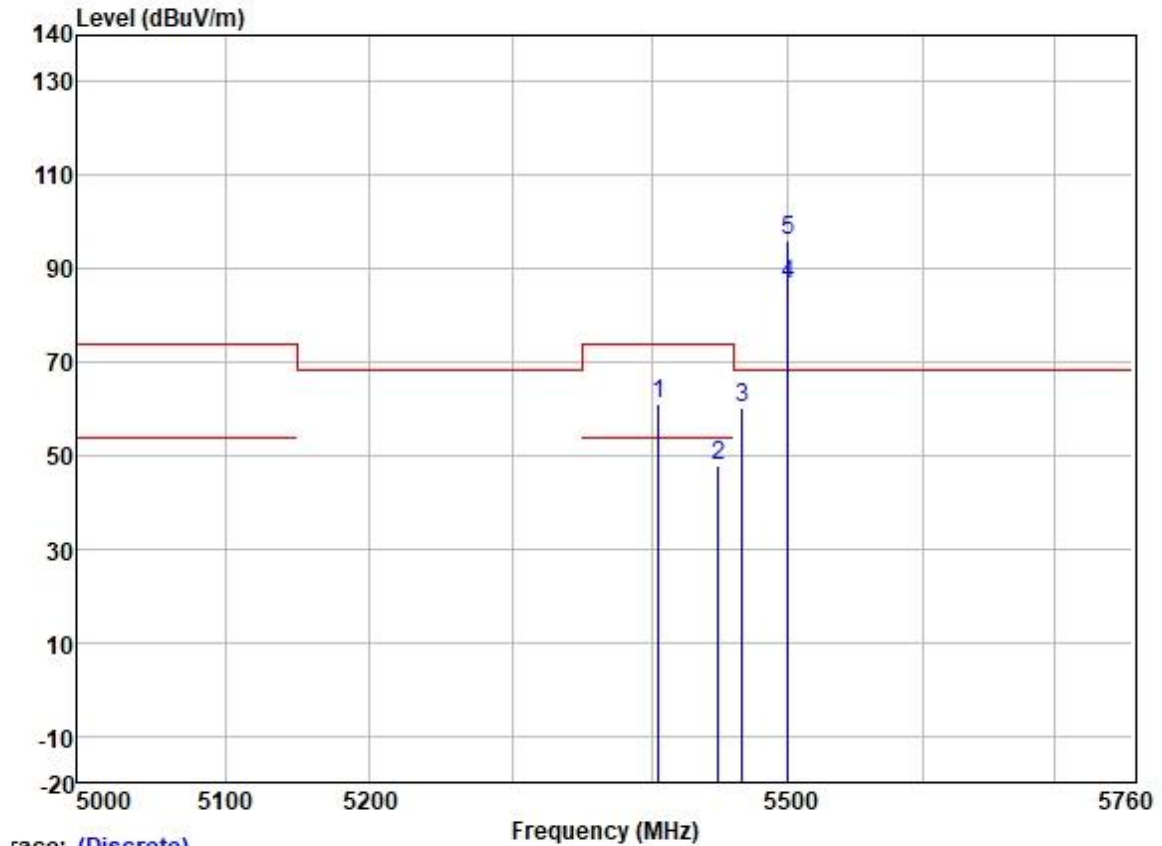
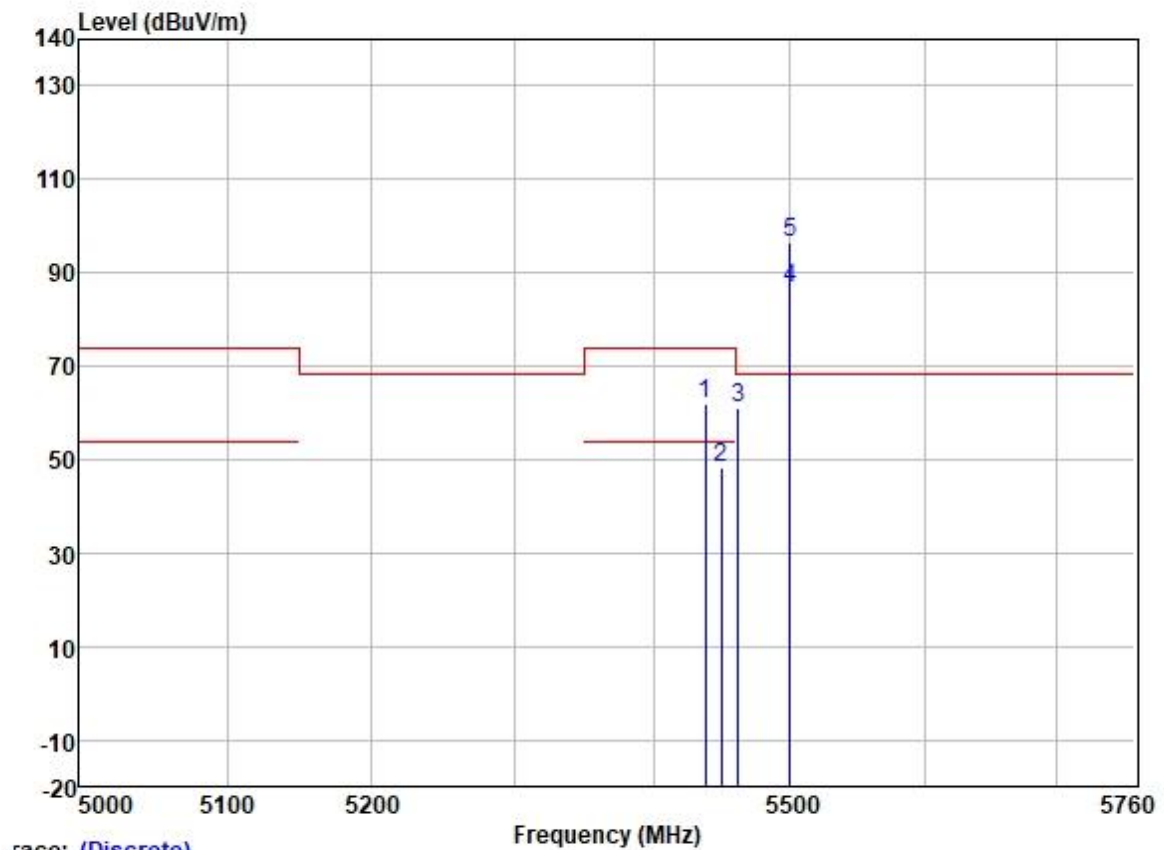


Test Mode: 38; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



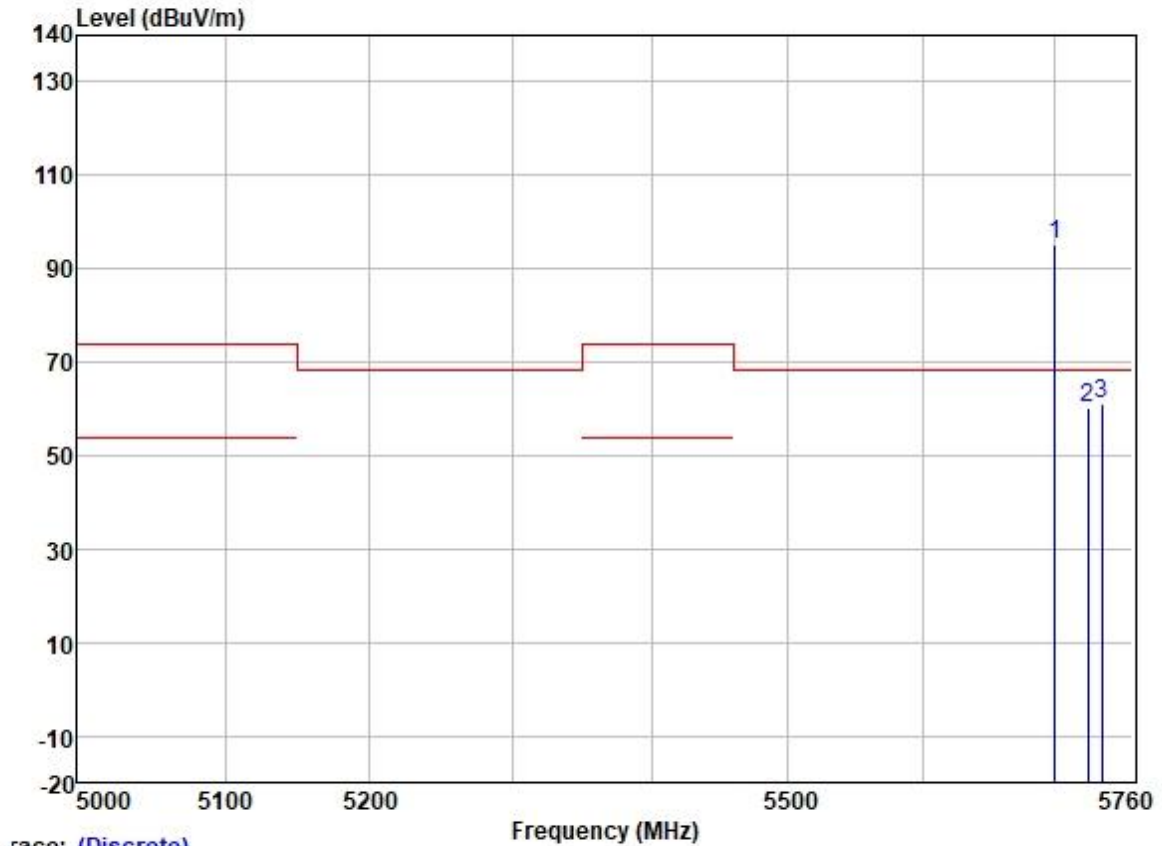
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5405.106	60.30	31.79	6.06	36.88	61.27	74.00	-12.73	HORIZONTAL	Peak
2	5448.522	46.74	31.79	6.26	36.88	47.91	54.00	-6.09	HORIZONTAL	Average
3	5465.673	58.78	31.80	6.31	36.88	60.01	68.20	-8.19	HORIZONTAL	Peak
4	5500.000	85.46	31.80	6.40	36.88	86.78	-----	-----	HORIZONTAL	Average
5 *	5500.000	94.70	31.80	6.40	36.88	96.02	68.20	27.82	HORIZONTAL	Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5437.396	60.73	31.79	6.20	36.88	61.84	74.00	-12.16	VERTICAL Peak
2	5449.121	47.05	31.79	6.26	36.88	48.22	54.00	-5.78	VERTICAL Average
3	5461.351	59.85	31.79	6.26	36.88	61.02	68.20	-7.18	VERTICAL Peak
4	5500.000	85.27	31.80	6.40	36.88	86.59	-----	-----	VERTICAL Average
5 *	5500.000	95.27	31.80	6.40	36.88	96.59	68.20	28.39	VERTICAL Peak

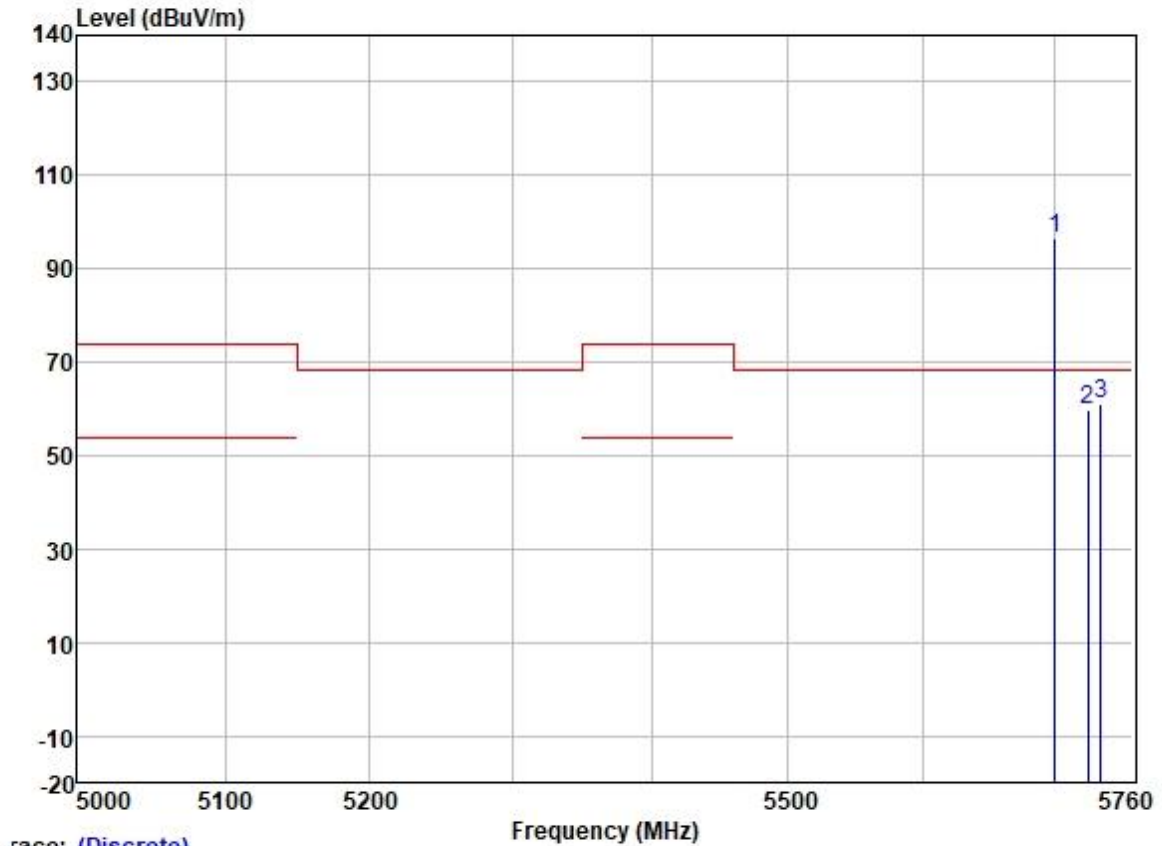
Test Mode: 38; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Read	Antenna	Cable	Preamp		Limit	Over		
Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5700.000	93.81	32.01	6.40	36.89	95.33	68.20	27.13	HORIZONTAL Peak
2	5725.000	58.91	32.07	6.25	36.89	60.34	68.20	-7.86	HORIZONTAL Peak
3	5735.985	59.61	32.07	6.25	36.89	61.04	68.20	-7.16	HORIZONTAL Peak

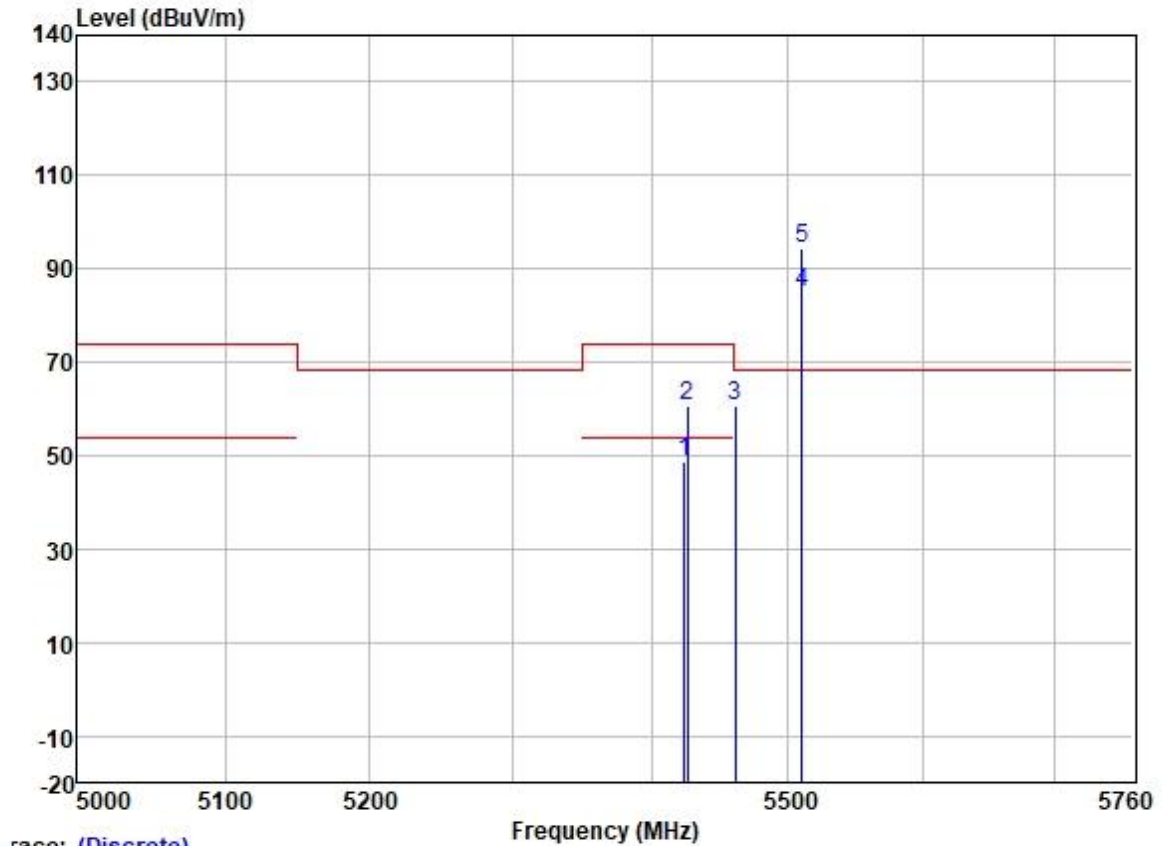
Test Mode: 38; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

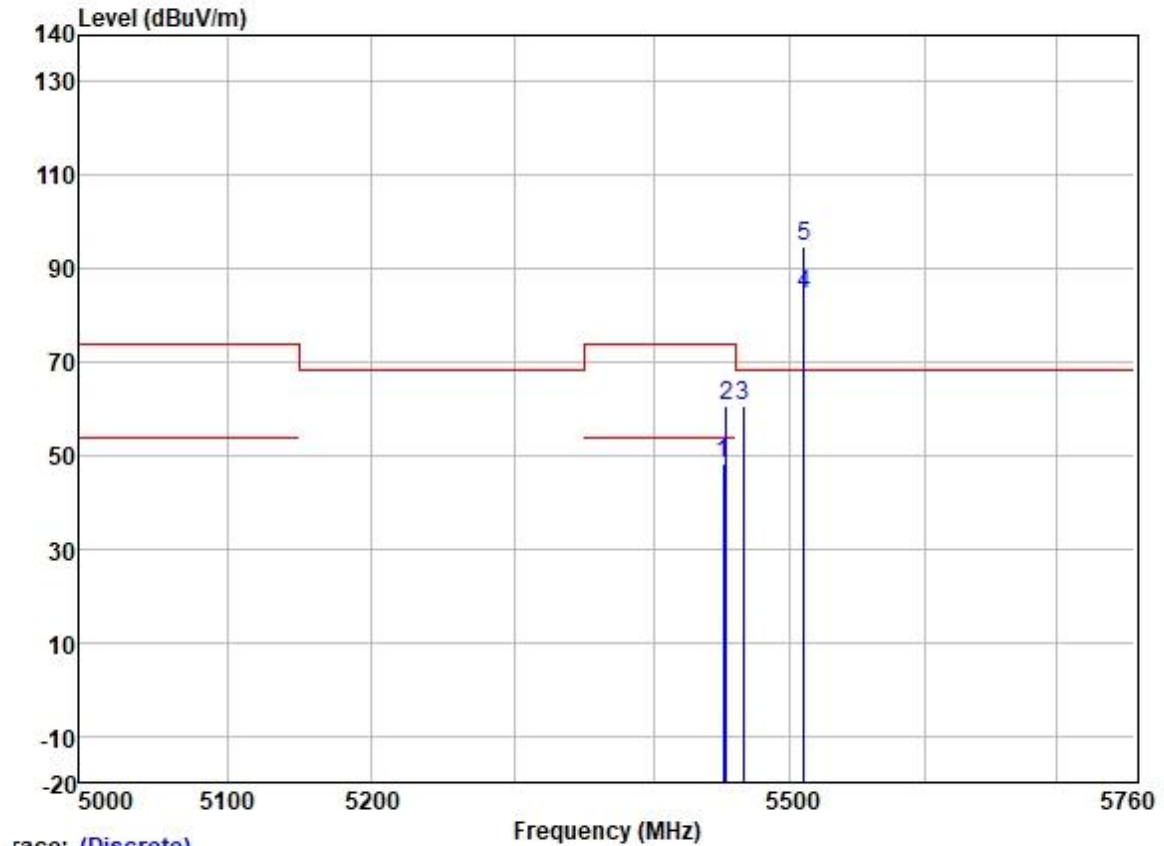
	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5700.000	94.89	32.01	6.40	36.89	96.41	68.20	28.21	VERTICAL Peak
2	5725.000	58.30	32.07	6.25	36.89	59.73	68.20	-8.47	VERTICAL Peak
3	5735.084	59.45	32.07	6.25	36.89	60.88	68.20	-7.32	VERTICAL Peak

Test Mode: 38; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



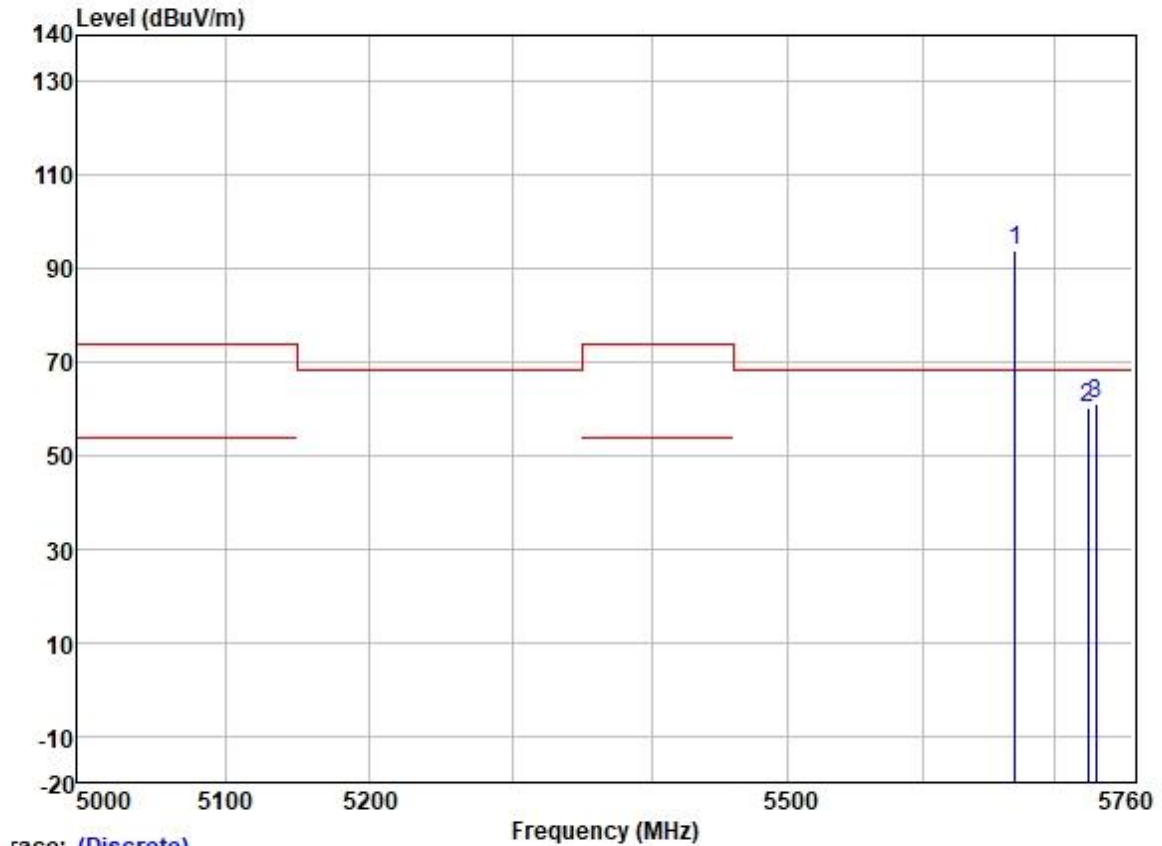
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5424.103	47.73	31.79	6.13	36.88	48.77	54.00	-5.23	HORIZONTAL	Average
2	5425.908	59.80	31.79	6.13	36.88	60.84	74.00	-13.16	HORIZONTAL	Peak
3	5460.739	59.41	31.79	6.26	36.88	60.58	68.20	-7.62	HORIZONTAL	Peak
4	5510.000	83.53	31.80	6.40	36.88	84.85	-----	-----	HORIZONTAL	Average
5 *	5510.000	93.22	31.80	6.40	36.88	94.54	68.20	26.34	HORIZONTAL	Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5450.964	47.15	31.79	6.26	36.88	48.32	54.00	-5.68	VERTICAL	Average
2	5452.778	59.60	31.79	6.26	36.88	60.77	74.00	-13.23	VERTICAL	Peak
3	5464.934	59.52	31.80	6.31	36.88	60.75	68.20	-7.45	VERTICAL	Peak
4	5510.000	83.13	31.80	6.40	36.88	84.45	-----	-----	VERTICAL	Average
5 *	5510.000	93.48	31.80	6.40	36.88	94.80	68.20	26.60	VERTICAL	Peak

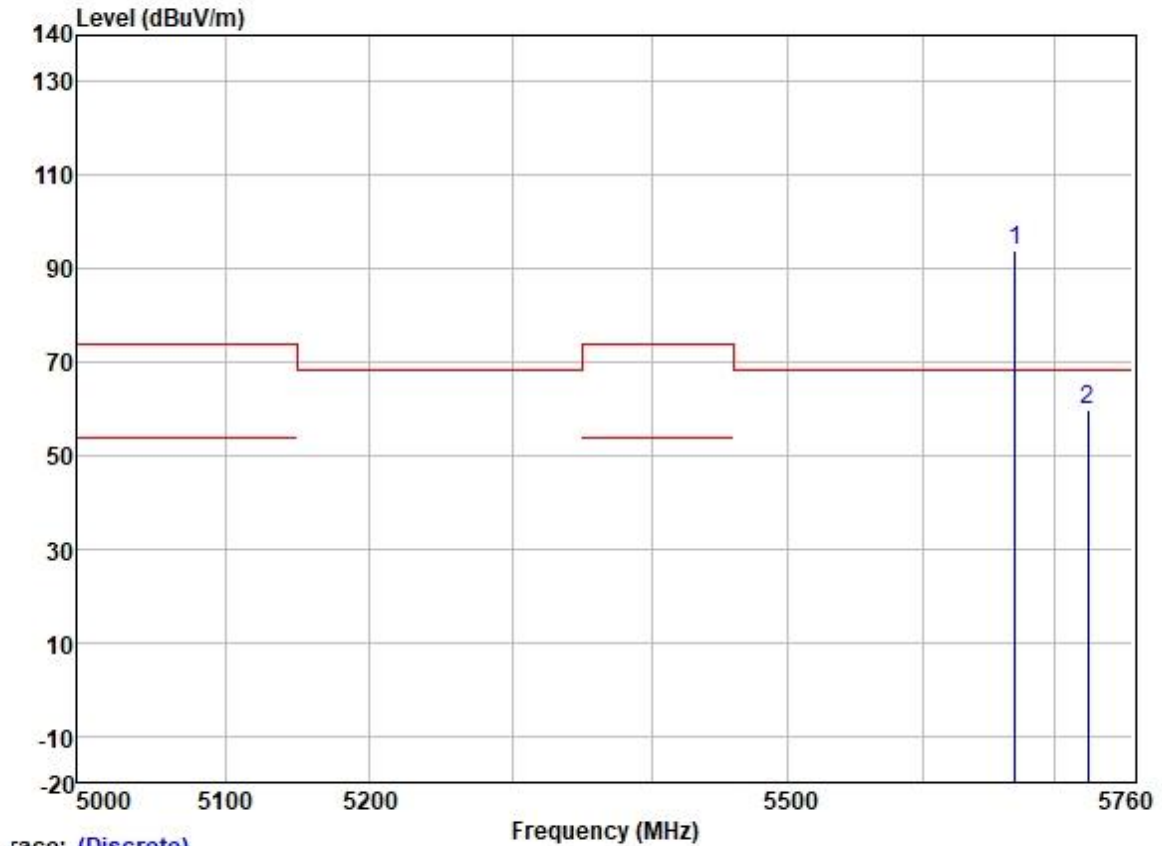
Test Mode: 38; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

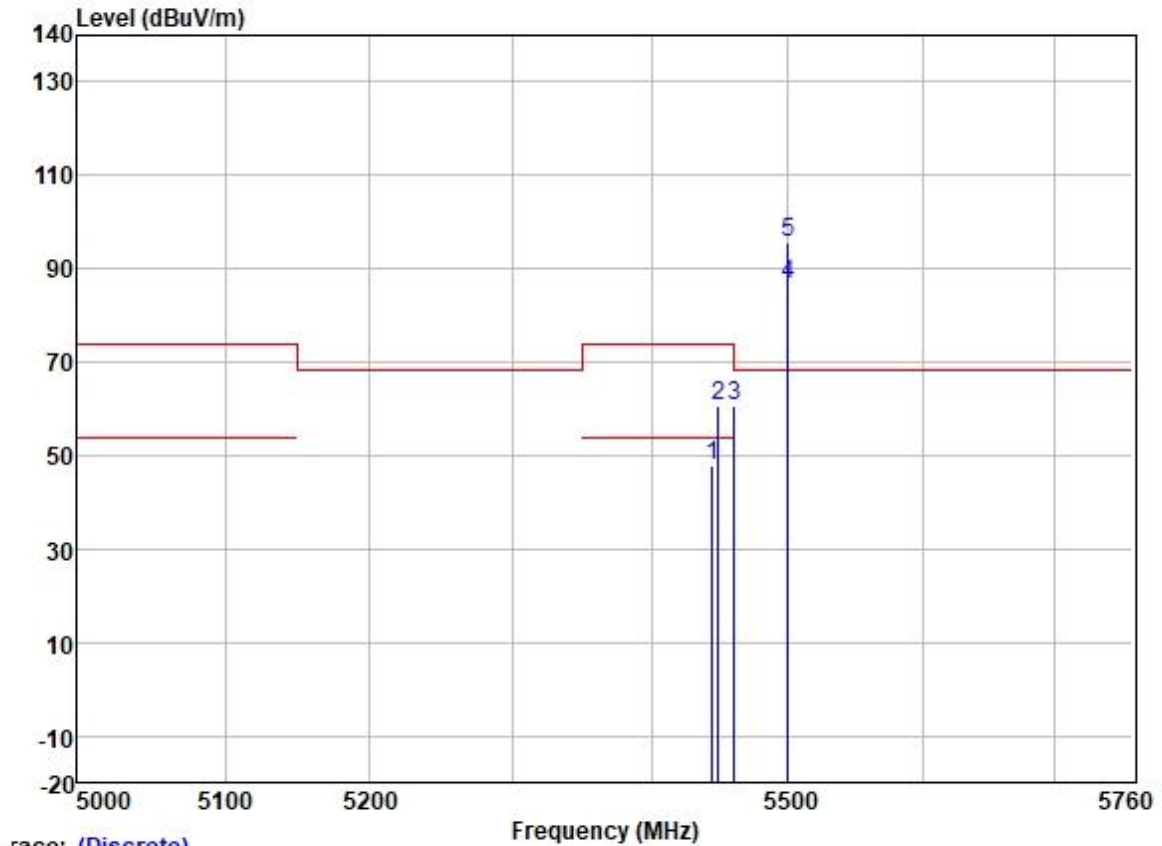
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
		Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5670.000	92.32	31.97	6.37	36.89	93.77	68.20	25.57	HORIZONTAL	Peak
2	5725.000	58.68	32.07	6.25	36.89	60.11	68.20	-8.09	HORIZONTAL	Peak
3	5731.031	59.45	32.07	6.25	36.89	60.88	68.20	-7.32	HORIZONTAL	Peak

Test Mode: 38; Polarity: Vertical; 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 *	5670.000	92.36	31.97	6.37	36.89	93.81	68.20	25.61	VERTICAL	Peak
2	5725.000	58.15	32.07	6.25	36.89	59.58	68.20	-8.62	VERTICAL	Peak

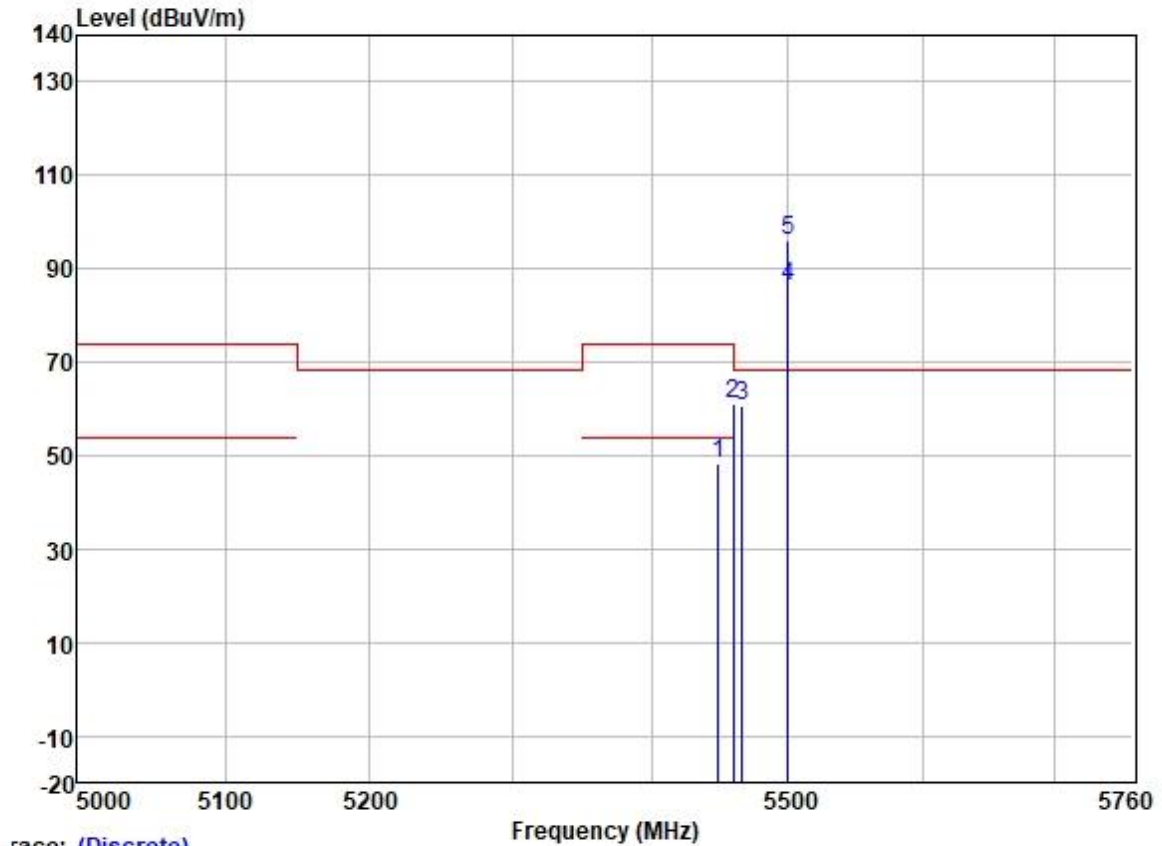
Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

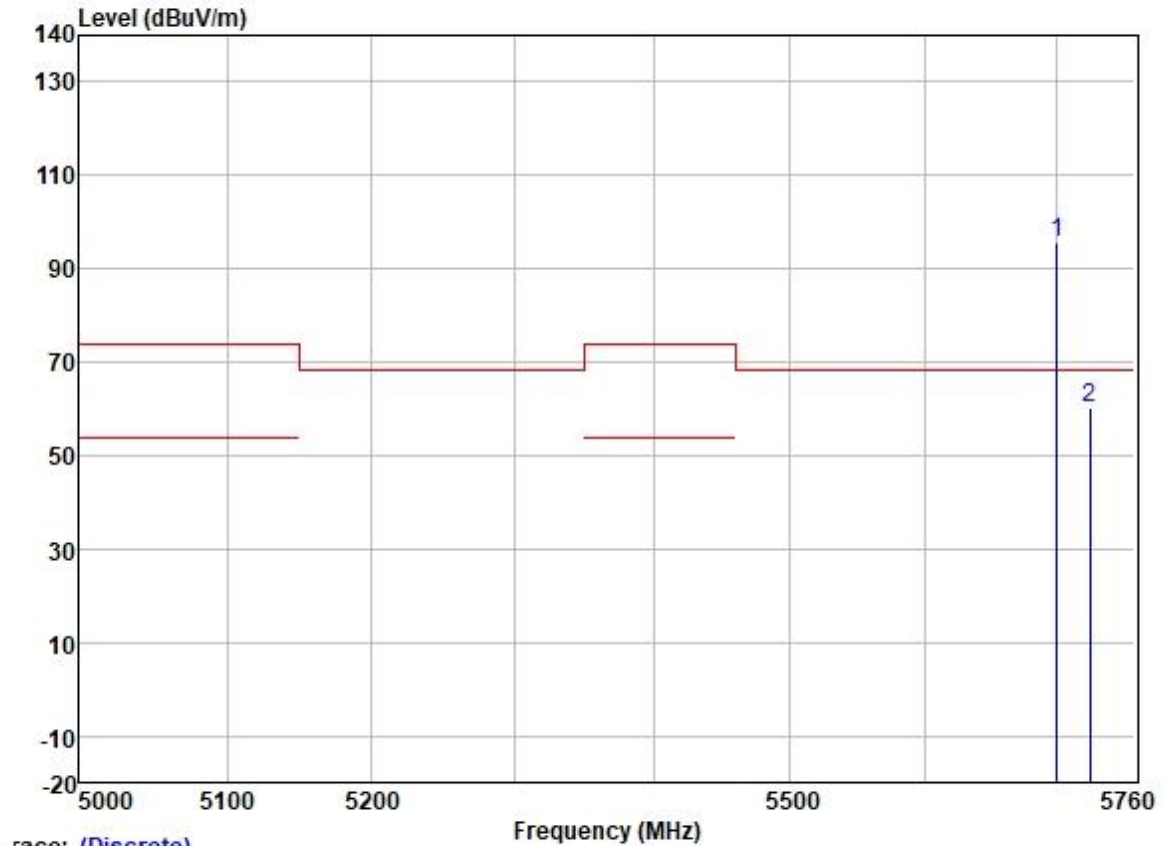
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5444.452	46.77	31.79	6.20	36.88	47.88	54.00	-6.12	HORIZONTAL Average
2	5448.761	59.48	31.79	6.26	36.88	60.65	74.00	-13.35	HORIZONTAL Peak
3	5460.390	59.49	31.79	6.26	36.88	60.66	68.20	-7.54	HORIZONTAL Peak
4	5500.000	85.47	31.80	6.40	36.88	86.79	-----	-----	HORIZONTAL Average
5 *	5500.000	94.26	31.80	6.40	36.88	95.58	68.20	27.38	HORIZONTAL Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5448.402	46.89	31.79	6.26	36.88	48.06	54.00	-5.94	VERTICAL Average
2	5459.670	60.08	31.79	6.26	36.88	61.25	74.00	-12.75	VERTICAL Peak
3	5465.914	59.53	31.80	6.31	36.88	60.76	68.20	-7.44	VERTICAL Peak
4	5500.000	85.04	31.80	6.40	36.88	86.36	-----	-----	VERTICAL Average
5 *	5500.000	94.75	31.80	6.40	36.88	96.07	68.20	27.87	VERTICAL Peak

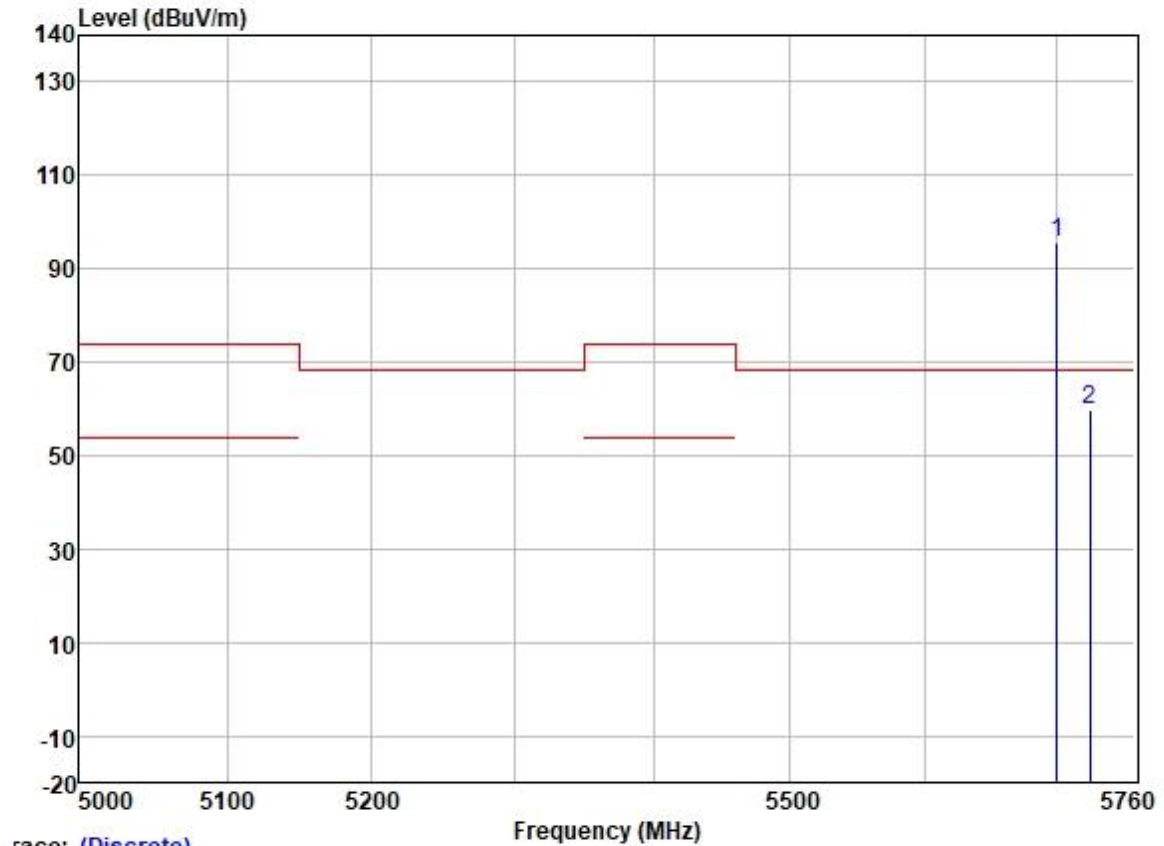
Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5700.000	94.21	32.01	6.40	36.89	95.73	68.20	27.53	HORIZONTAL	Peak
2	5725.000	58.69	32.07	6.25	36.89	60.12	68.20	-8.08	HORIZONTAL	Peak

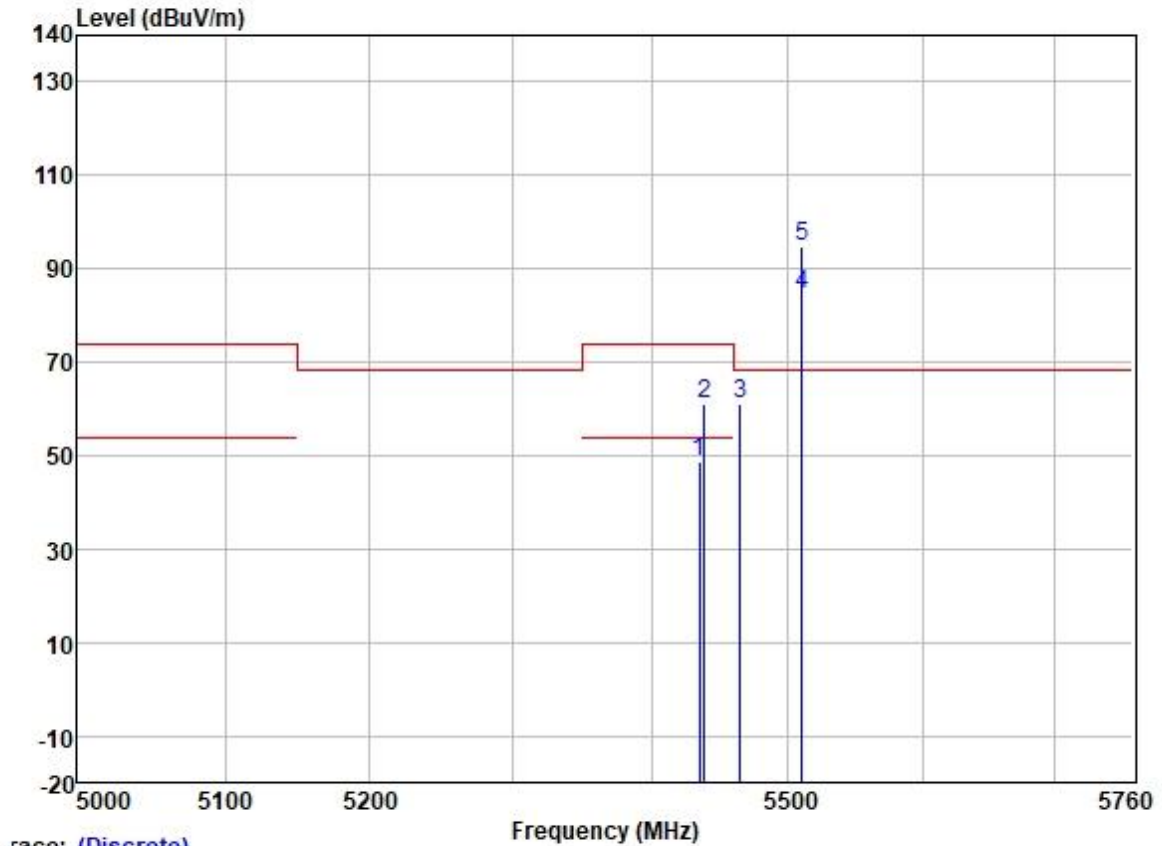
Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

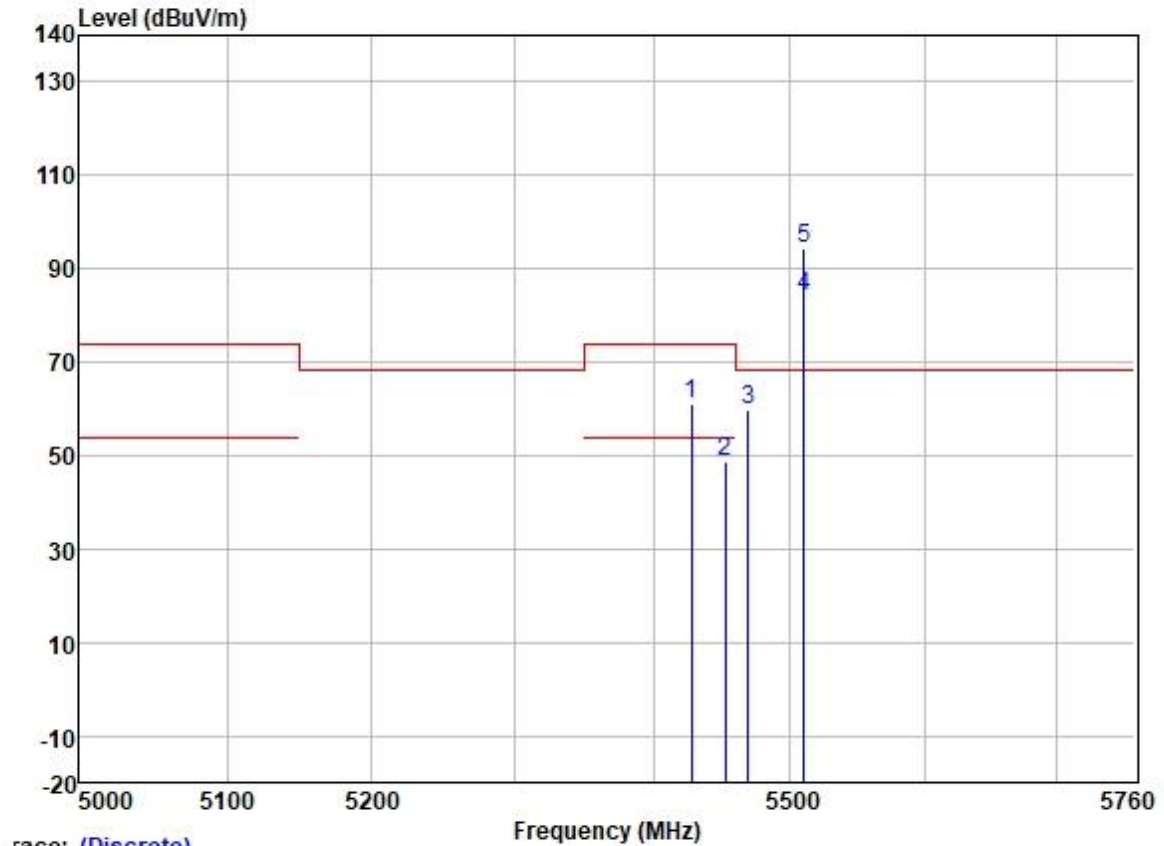
	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5700.000	94.08	32.01	6.40	36.89	95.60	68.20	27.40	VERTICAL Peak
2	5725.000	58.52	32.07	6.25	36.89	59.95	68.20	-8.25	VERTICAL Peak

Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



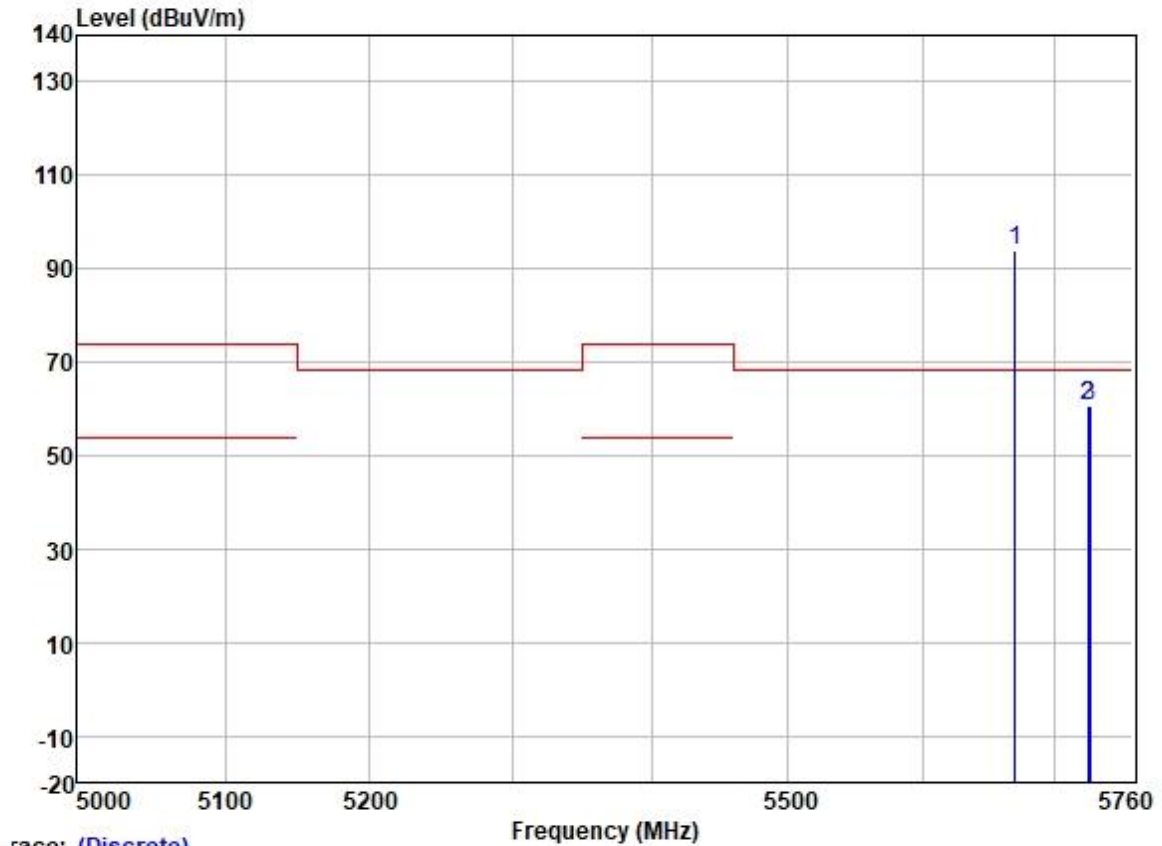
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5434.804	47.55	31.79	6.20	36.88	48.66	54.00	-5.34	HORIZONTAL Average
2	5438.561	59.94	31.79	6.20	36.88	61.05	74.00	-12.95	HORIZONTAL Peak
3	5464.654	59.63	31.80	6.31	36.88	60.86	68.20	-7.34	HORIZONTAL Peak
4	5510.000	83.30	31.80	6.40	36.88	84.62	-----	-----	HORIZONTAL Average
5 *	5510.000	93.41	31.80	6.40	36.88	94.73	68.20	26.53	HORIZONTAL Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5427.575	60.12	31.79	6.13	36.88	61.16	74.00	-12.84	VERTICAL Peak
2	5452.081	47.33	31.79	6.26	36.88	48.50	54.00	-5.50	VERTICAL Average
3	5468.572	58.64	31.80	6.31	36.88	59.87	68.20	-8.33	VERTICAL Peak
4	5510.000	82.89	31.80	6.40	36.88	84.21	-----	-----	VERTICAL Average
5 *	5510.000	93.18	31.80	6.40	36.88	94.50	68.20	26.30	VERTICAL Peak

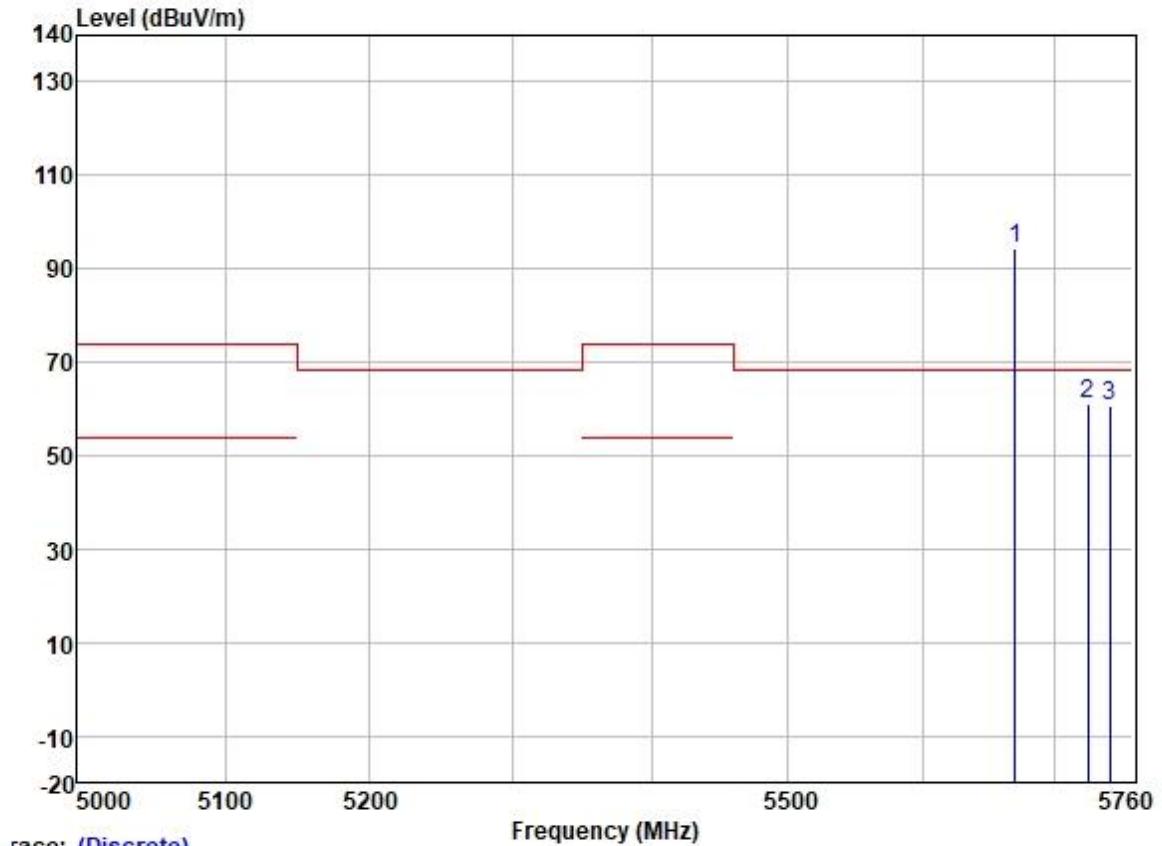
Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5670.000	92.49	31.97	6.37	36.89	93.94	68.20	25.74	HORIZONTAL	Peak
2	5725.000	59.13	32.07	6.25	36.89	60.56	68.20	-7.64	HORIZONTAL	Peak
3	5726.395	59.28	32.07	6.25	36.89	60.71	68.20	-7.49	HORIZONTAL	Peak

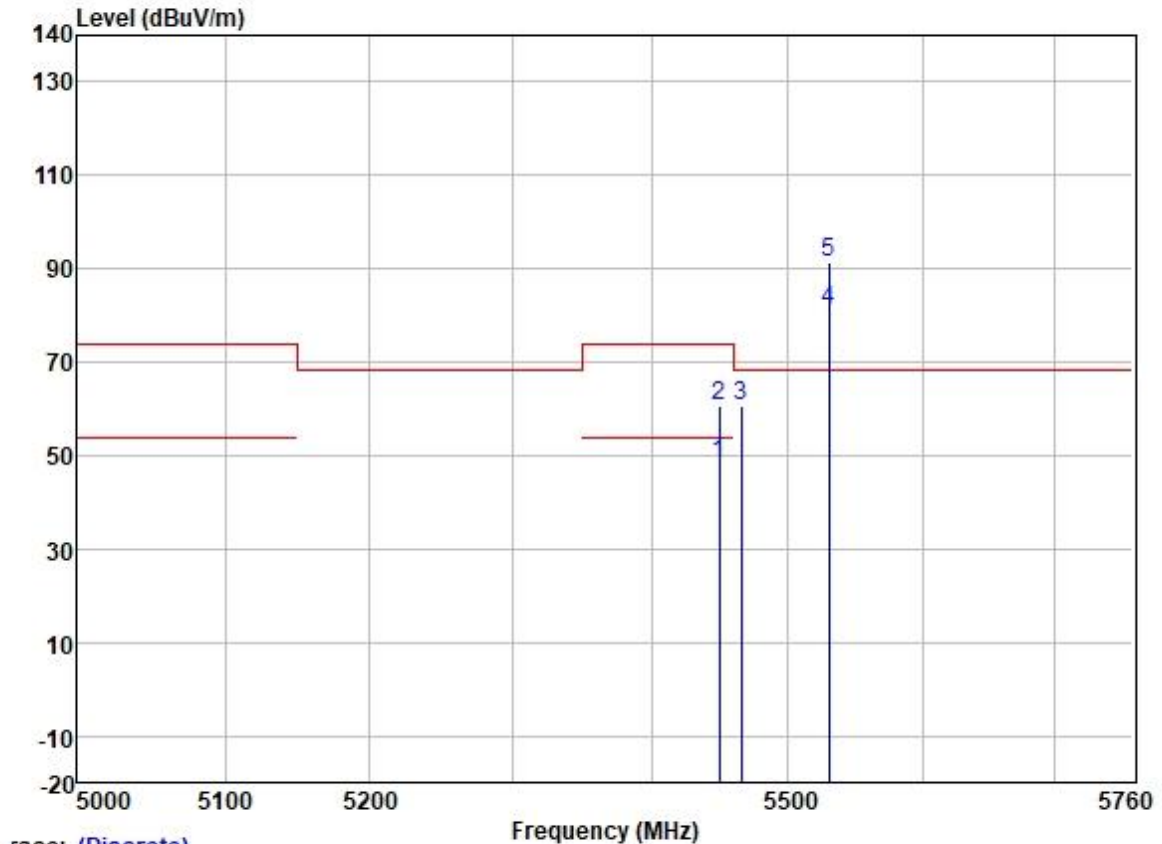
Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

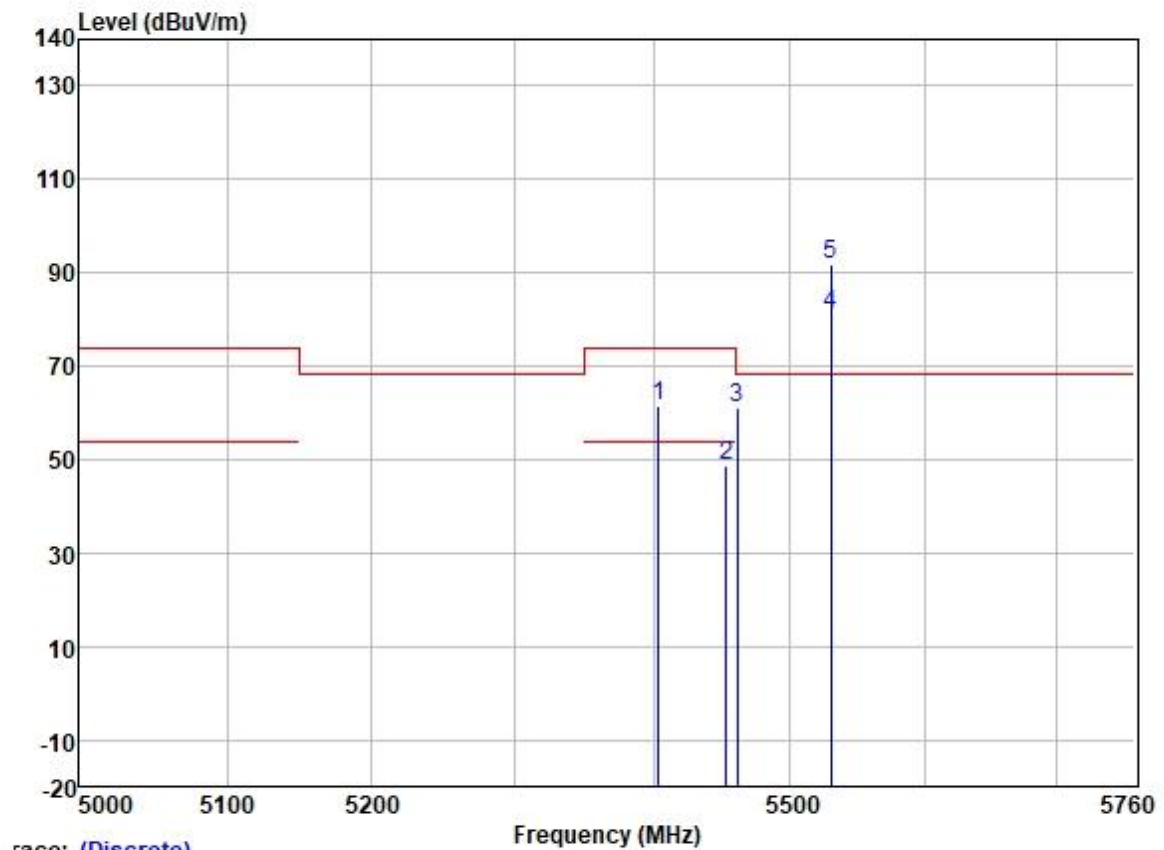
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1 *	5670.000	92.72	31.97	6.37	36.89	94.17	68.20	25.97	VERTICAL Peak
2	5725.000	59.62	32.07	6.25	36.89	61.05	68.20	-7.15	VERTICAL Peak
3	5742.284	59.42	32.10	6.20	36.89	60.83	68.20	-7.37	VERTICAL Peak

Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



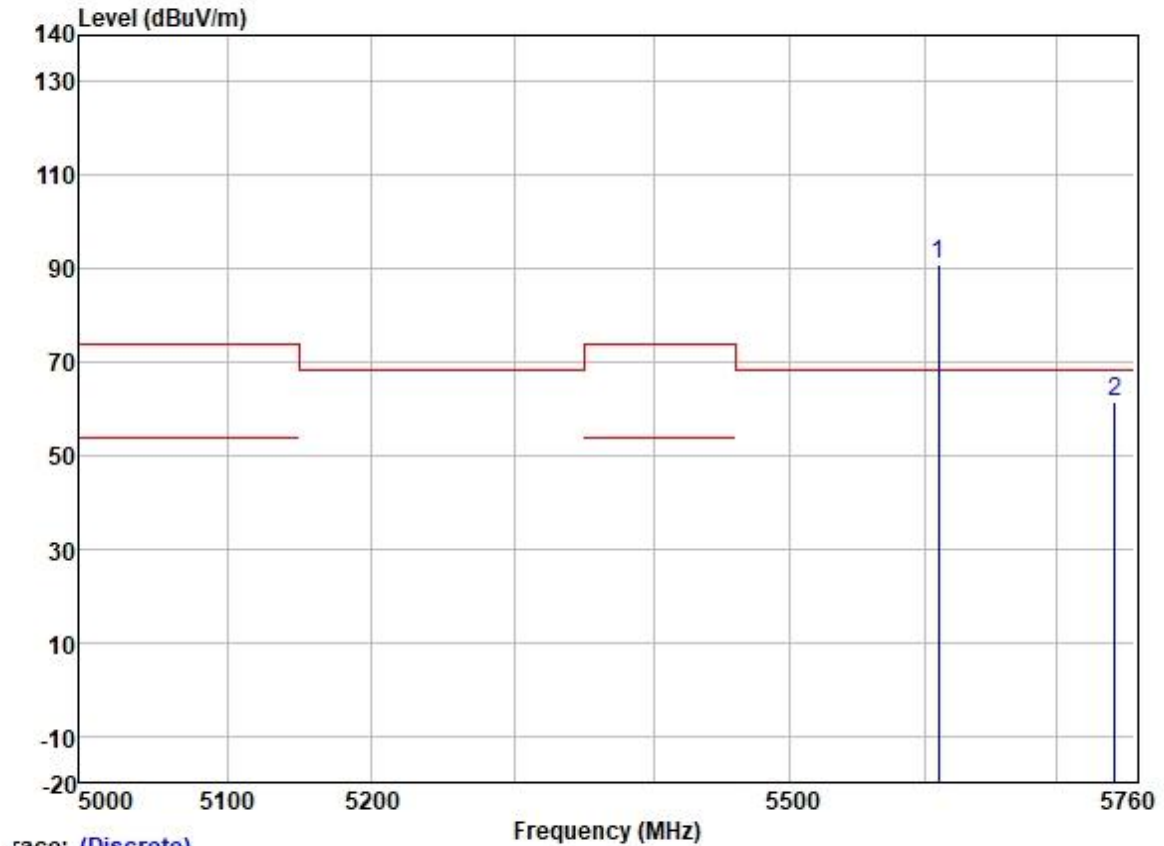
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5448.913	47.21	31.79	6.26	36.88	48.38	54.00	-5.62	HORIZONTAL	Average
2	5449.271	59.62	31.79	6.26	36.88	60.79	74.00	-13.21	HORIZONTAL	Peak
3	5465.017	59.43	31.80	6.31	36.88	60.66	68.20	-7.54	HORIZONTAL	Peak
4	5530.000	79.80	31.83	6.37	36.89	81.11	-----	-----	HORIZONTAL	Average
5 *	5530.000	90.21	31.83	6.37	36.89	91.52	68.20	23.32	HORIZONTAL	Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5403.720	60.55	31.79	6.06	36.88	61.52	74.00	-12.48	VERTICAL	Peak
2	5453.024	47.49	31.79	6.26	36.88	48.66	54.00	-5.34	VERTICAL	Average
3	5460.897	59.74	31.79	6.26	36.88	60.91	68.20	-7.29	VERTICAL	Peak
4	5530.000	79.65	31.83	6.37	36.89	80.96	-----	-----	VERTICAL	Average
5 *	5530.000	90.42	31.83	6.37	36.89	91.73	68.20	23.53	VERTICAL	Peak

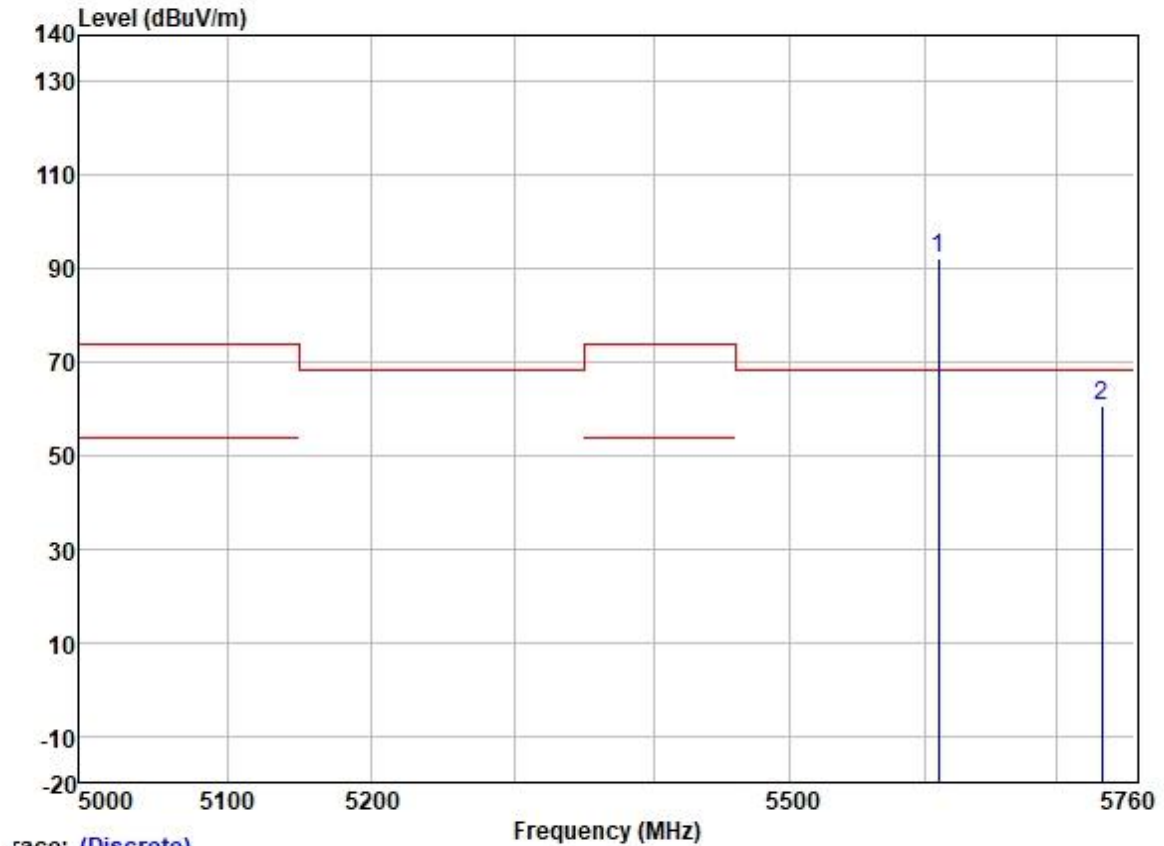
Test Mode: 38; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



Trace: (Discrete)

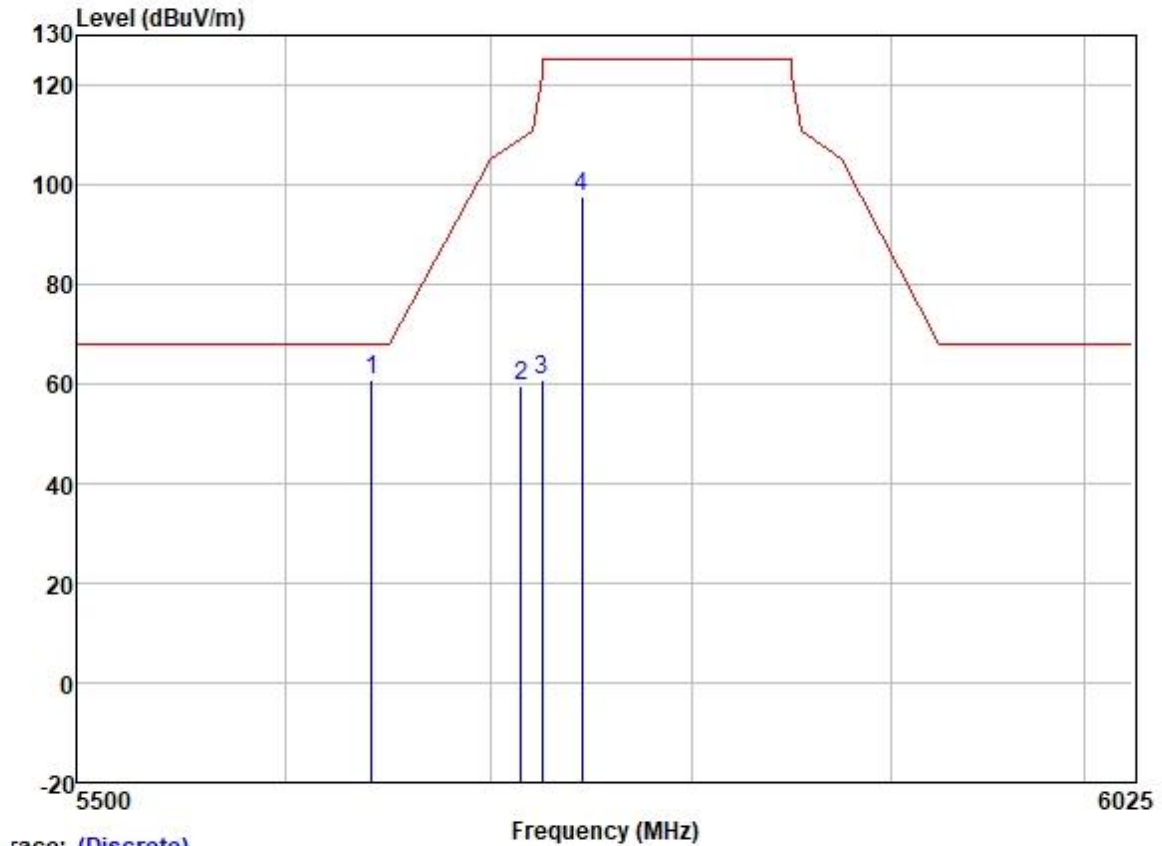
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5610.000	89.41	31.91	6.32	36.89	90.75	68.20	22.55	HORIZONTAL	Peak
2	5744.145	60.03	32.10	6.20	36.89	61.44	68.20	-6.76	HORIZONTAL	Peak

Test Mode: 38; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



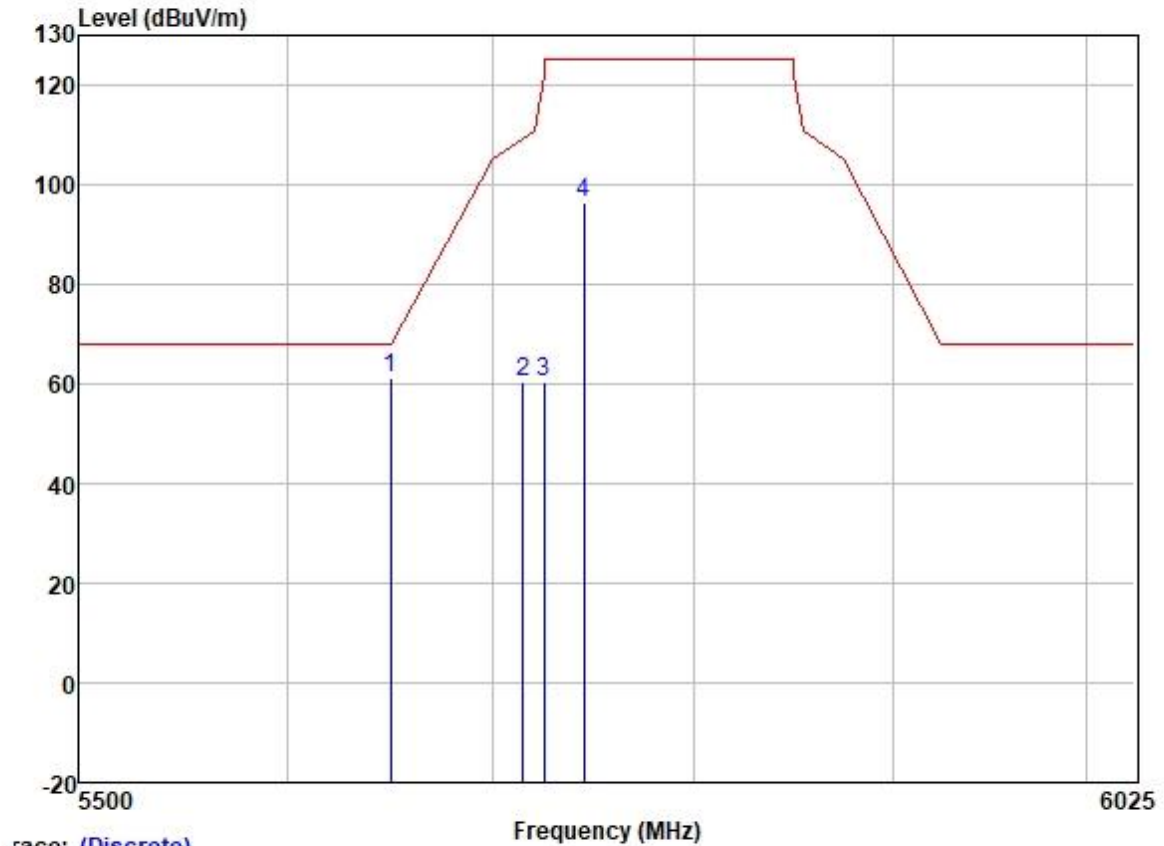
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1 *	5610.000	90.75	31.91	6.32	36.89	92.09	68.20	23.89	VERTICAL	Peak
2	5734.612	59.23	32.07	6.25	36.89	60.66	68.20	-7.54	VERTICAL	Peak

Test Mode: 40; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5641.521	59.45	31.95	6.35	36.89	60.86	68.20	-7.34	HORIZONTAL Peak
2	5715.000	58.00	32.04	6.33	36.89	59.48	109.40	-49.92	HORIZONTAL Peak
3	5725.000	59.20	32.07	6.25	36.89	60.63	122.20	-61.57	HORIZONTAL Peak
4	5745.000	96.21	32.10	6.20	36.89	97.62	125.20	-27.58	HORIZONTAL Peak

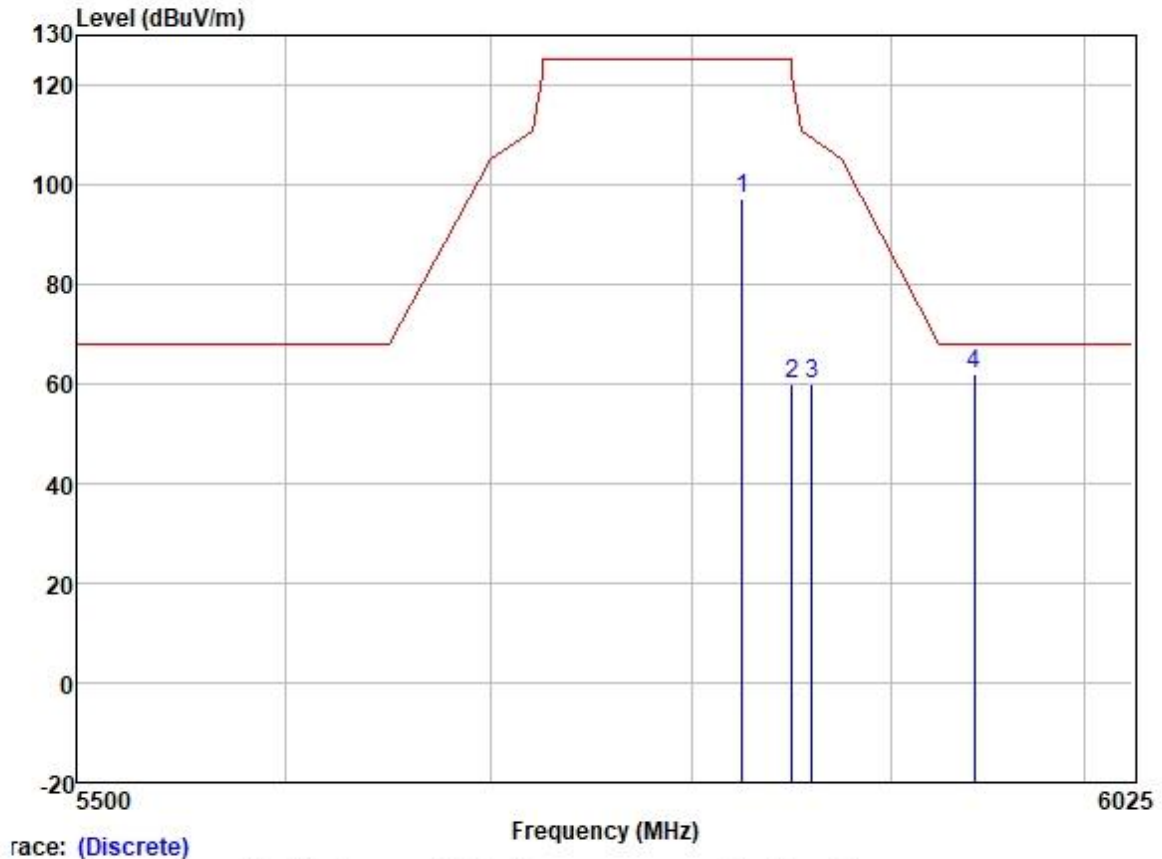
Test Mode: 40; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

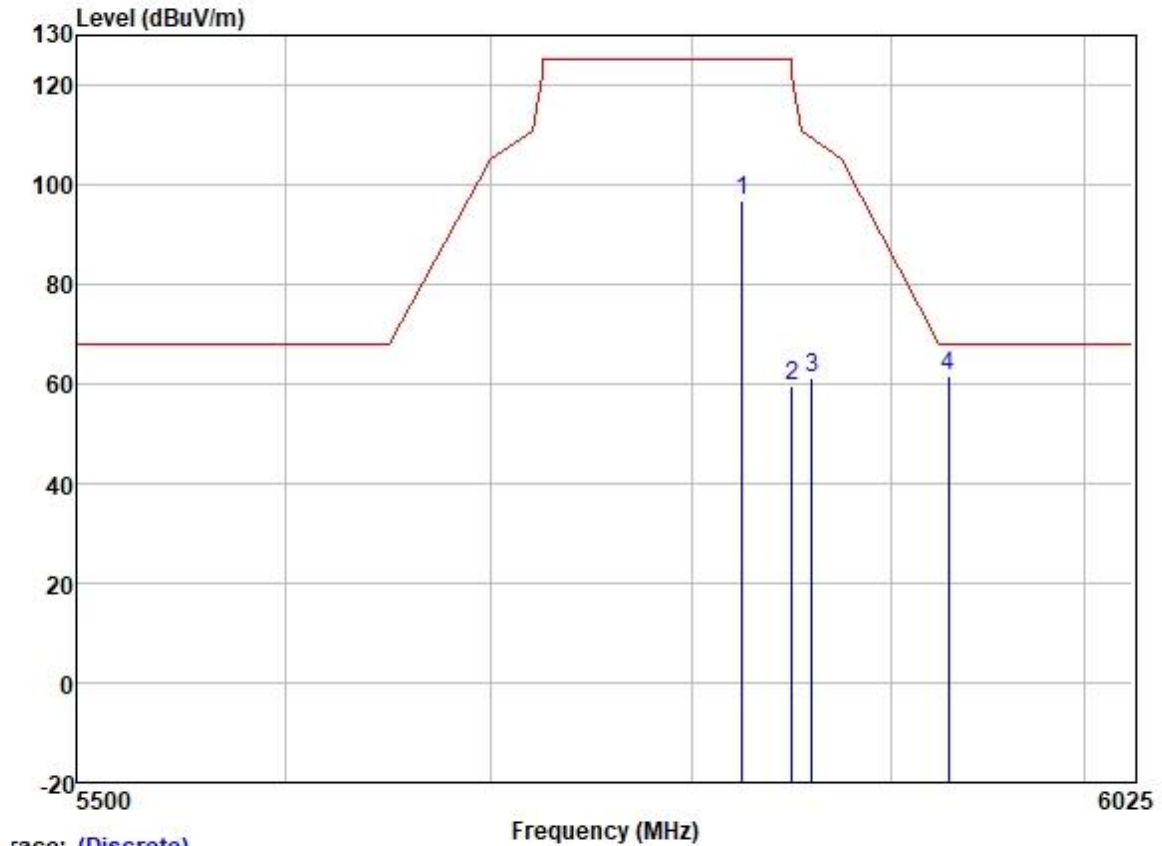
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5649.827	59.89	31.95	6.35	36.89	61.30	68.20	-6.90	VERTICAL	Peak
2	5715.000	58.90	32.04	6.33	36.89	60.38	109.40	-49.02	VERTICAL	Peak
3	5725.000	59.04	32.07	6.25	36.89	60.47	122.20	-61.73	VERTICAL	Peak
4	5745.000	95.05	32.10	6.20	36.89	96.46	125.20	-28.74	VERTICAL	Peak

Test Mode: 40; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5825.000	95.99	32.23	6.04	36.90	97.36	125.20	-27.84	HORIZONTAL Peak
2	5850.000	58.57	32.25	6.00	36.90	59.92	122.20	-62.28	HORIZONTAL Peak
3	5860.000	58.78	32.27	5.96	36.90	60.11	109.40	-49.29	HORIZONTAL Peak
4	5942.958	60.31	32.36	6.05	36.90	61.82	68.20	-6.38	HORIZONTAL Peak

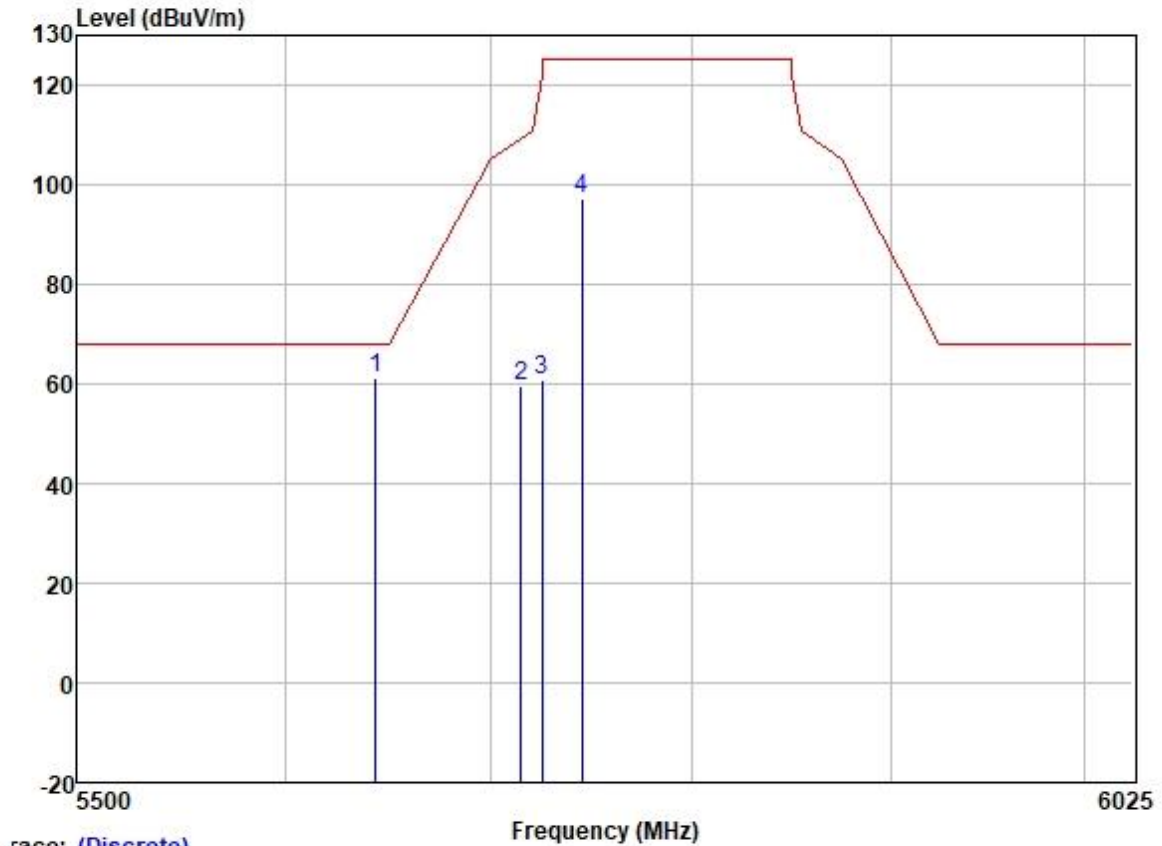
Test Mode: 40; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

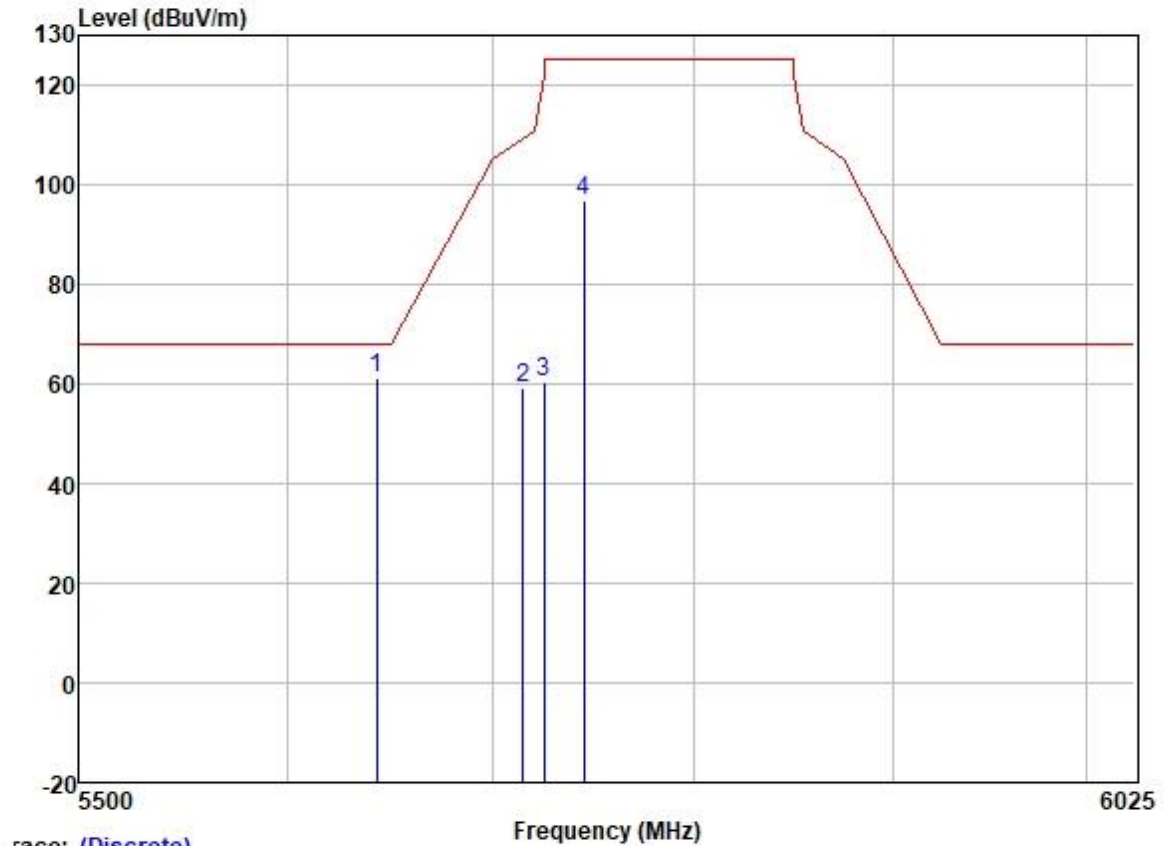
	Freq	ReadAntenna	Cable	Preamp		Limit	Over		
	MHz	Level	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5825.000	95.29	32.23	6.04	36.90	96.66	125.20	-28.54	VERTICAL Peak
2	5850.000	58.18	32.25	6.00	36.90	59.53	122.20	-62.67	VERTICAL Peak
3	5860.000	59.72	32.27	5.96	36.90	61.05	109.40	-48.35	VERTICAL Peak
4	5929.628	60.32	32.34	6.00	36.90	61.76	68.20	-6.44	VERTICAL Peak

Test Mode: 40; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



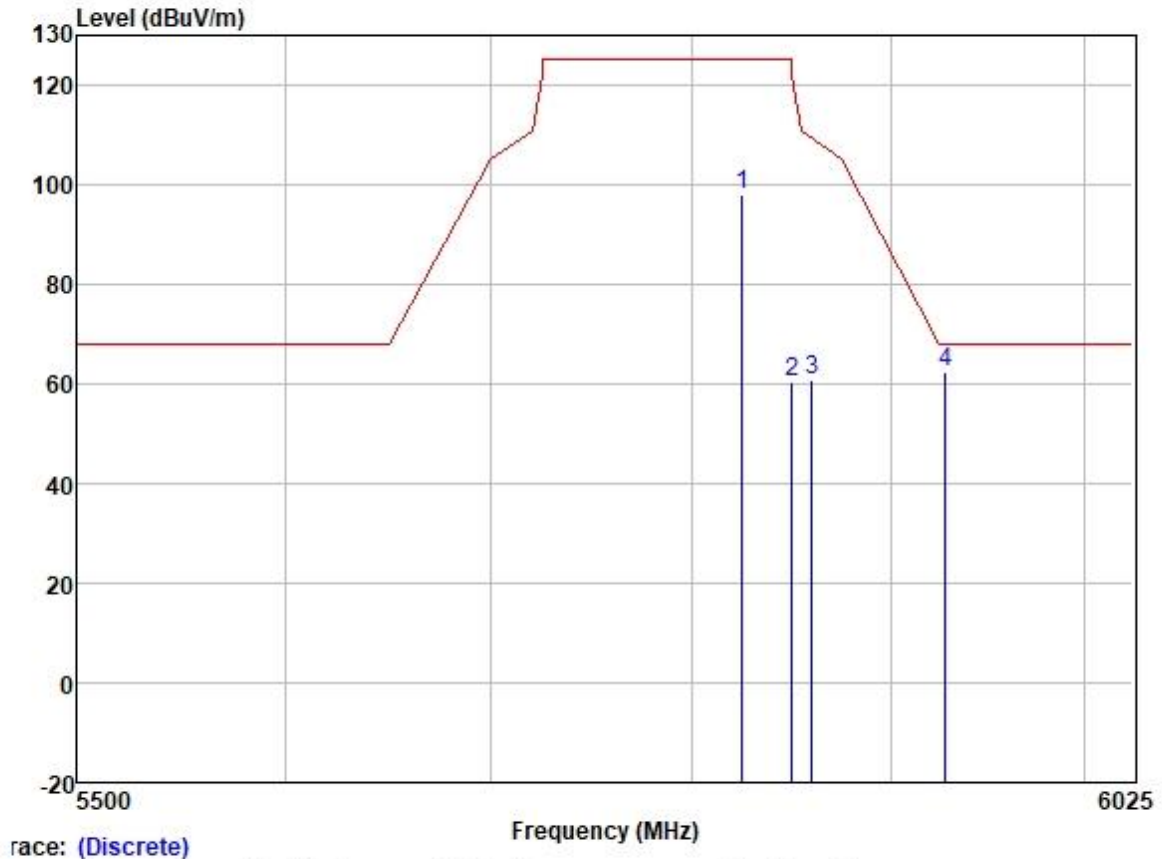
	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5643.597	59.90	31.95	6.35	36.89	61.31	68.20	-6.89	HORIZONTAL Peak
2	5715.000	58.24	32.04	6.33	36.89	59.72	109.40	-49.68	HORIZONTAL Peak
3	5725.000	59.30	32.07	6.25	36.89	60.73	122.20	-61.47	HORIZONTAL Peak
4	5745.000	95.66	32.10	6.20	36.89	97.07	125.20	-28.13	HORIZONTAL Peak

Test Mode: 40; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



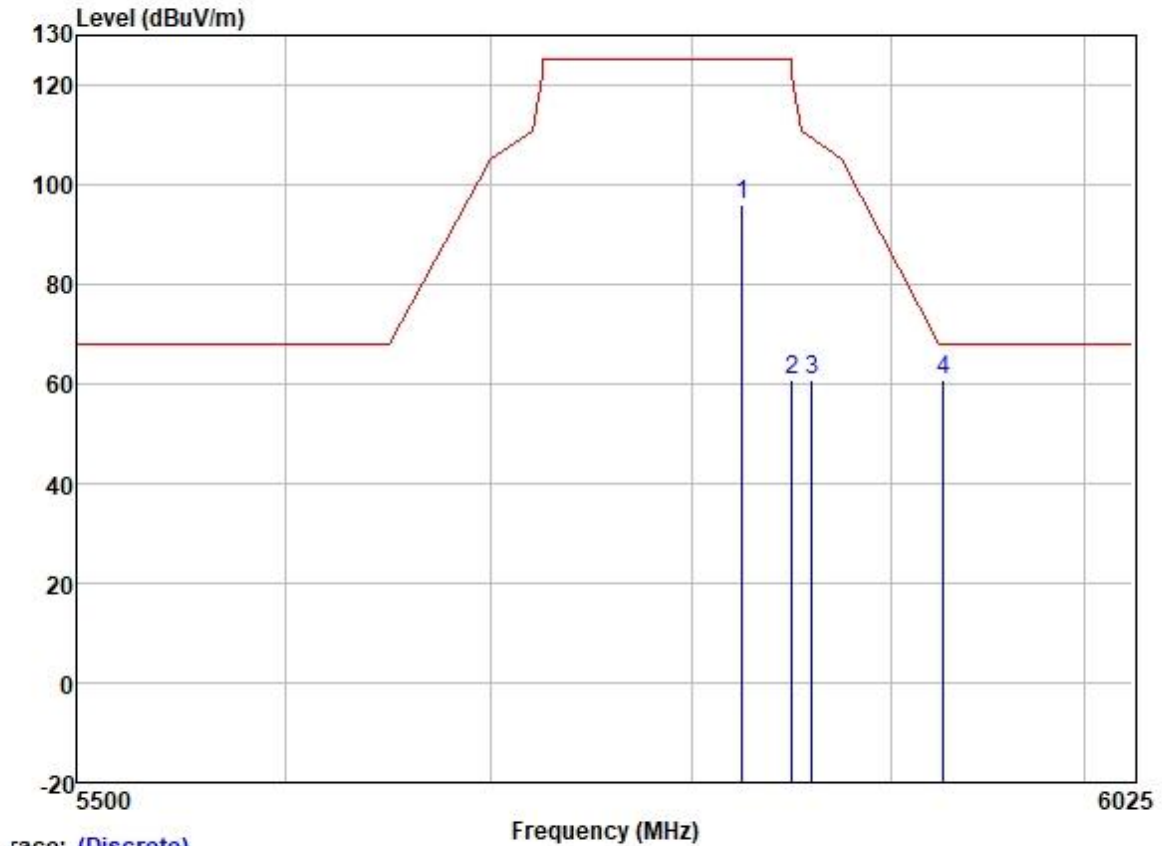
		ReadAntenna	Cable	Preamp		Limit	Over			
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5643.043	59.77	31.95	6.35	36.89	61.18	68.20	-7.02	VERTICAL	Peak
2	5715.000	57.91	32.04	6.33	36.89	59.39	109.40	-50.01	VERTICAL	Peak
3	5725.000	59.02	32.07	6.25	36.89	60.45	122.20	-61.75	VERTICAL	Peak
4	5745.000	95.28	32.10	6.20	36.89	96.69	125.20	-28.51	VERTICAL	Peak

Test Mode: 40; 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	5825.000	96.55	32.23	6.04	36.90	97.92	125.20	-27.28	HORIZONTAL	Peak
2	5850.000	59.15	32.25	6.00	36.90	60.50	122.20	-61.70	HORIZONTAL	Peak
3	5860.000	59.59	32.27	5.96	36.90	60.92	109.40	-48.48	HORIZONTAL	Peak
4	5928.062	61.11	32.34	6.00	36.90	62.55	68.20	-5.65	HORIZONTAL	Peak

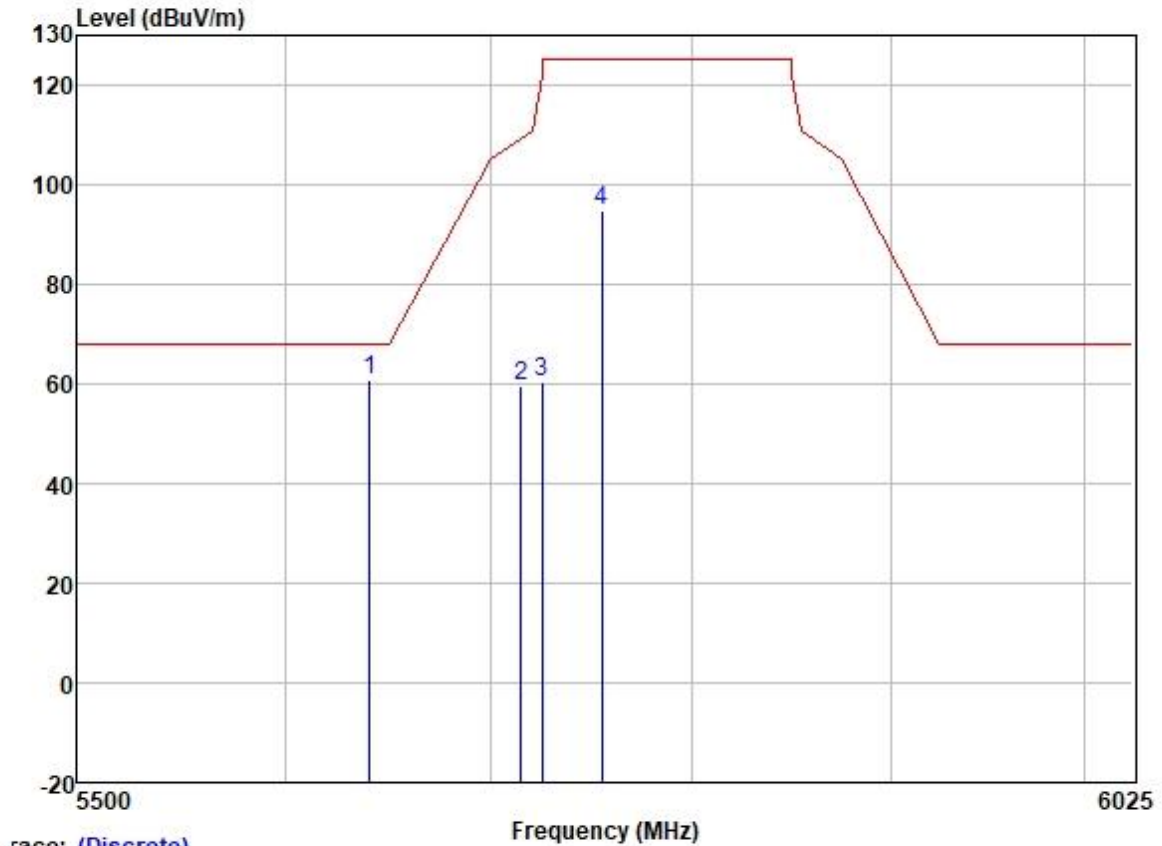
Test Mode: 40; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

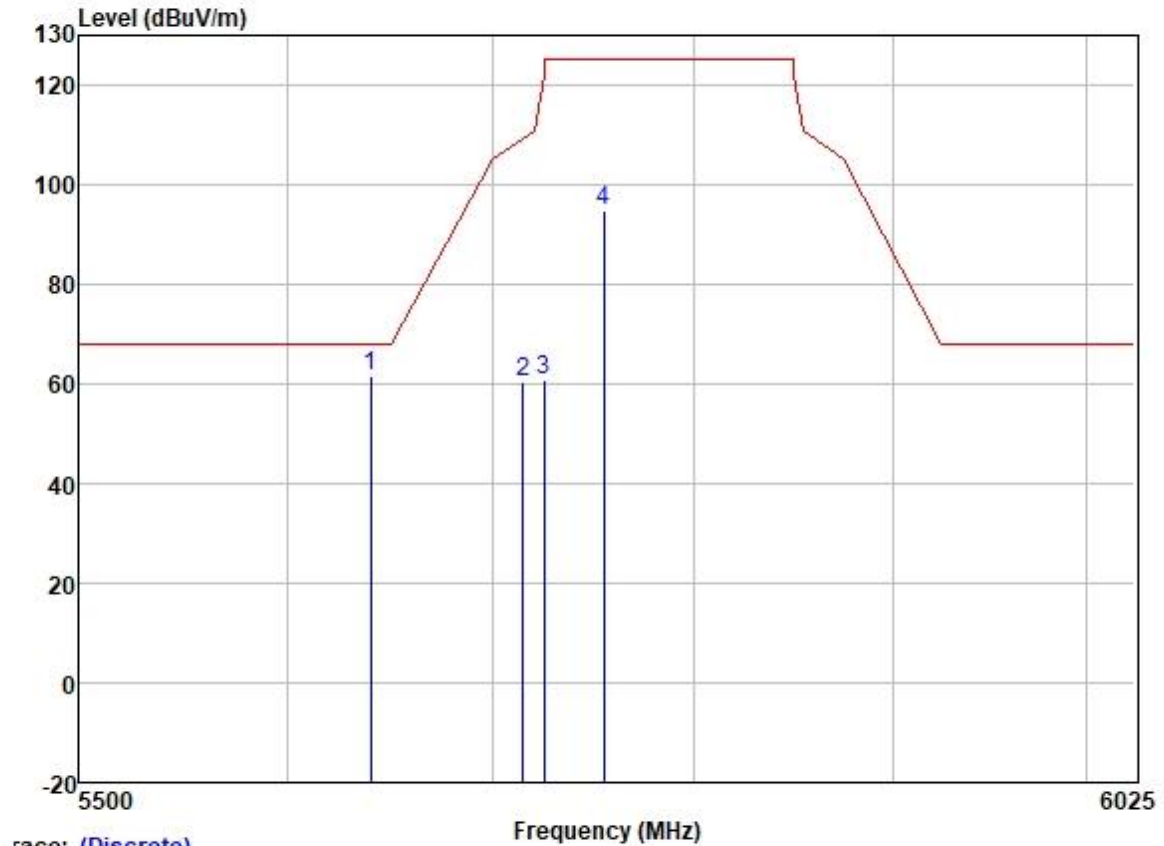
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5825.000	94.72	32.23	6.04	36.90	96.09	125.20	-29.11	VERTICAL Peak
2	5850.000	59.55	32.25	6.00	36.90	60.90	122.20	-61.30	VERTICAL Peak
3	5860.000	59.51	32.27	5.96	36.90	60.84	109.40	-48.56	VERTICAL Peak
4	5927.279	59.54	32.34	6.00	36.90	60.98	68.20	-7.22	VERTICAL Peak

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



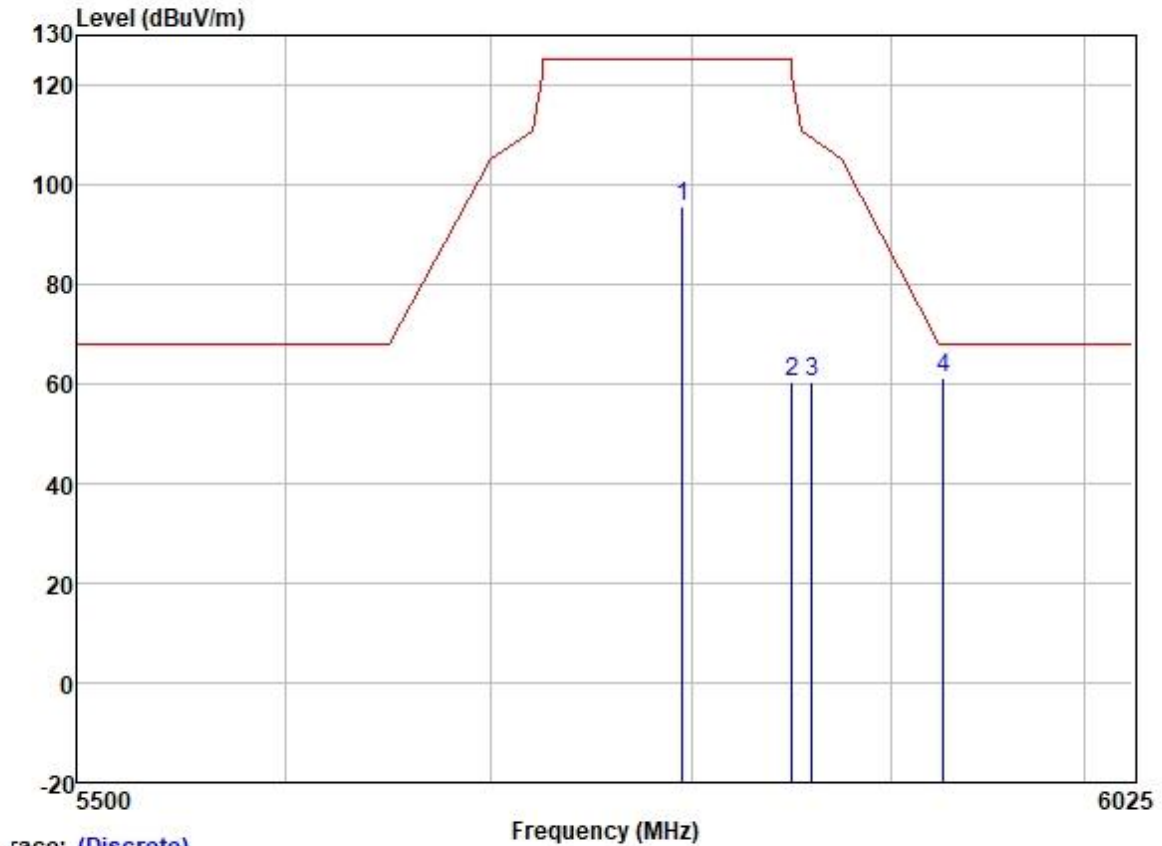
	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5640.612	59.36	31.95	6.35	36.89	60.77	68.20	-7.43	HORIZONTAL Peak
2	5715.000	58.24	32.04	6.33	36.89	59.72	109.40	-49.68	HORIZONTAL Peak
3	5725.000	58.94	32.07	6.25	36.89	60.37	122.20	-61.83	HORIZONTAL Peak
4	5755.000	93.48	32.10	6.20	36.89	94.89	125.20	-30.31	HORIZONTAL Peak

Test Mode: 40; Polarity: Vertical; 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	5640.153	60.26	31.95	6.35	36.89	61.67	68.20	-6.53	VERTICAL	Peak
2	5715.000	58.79	32.04	6.33	36.89	60.27	109.40	-49.13	VERTICAL	Peak
3	5725.000	59.22	32.07	6.25	36.89	60.65	122.20	-61.55	VERTICAL	Peak
4	5755.000	93.34	32.10	6.20	36.89	94.75	125.20	-30.45	VERTICAL	Peak

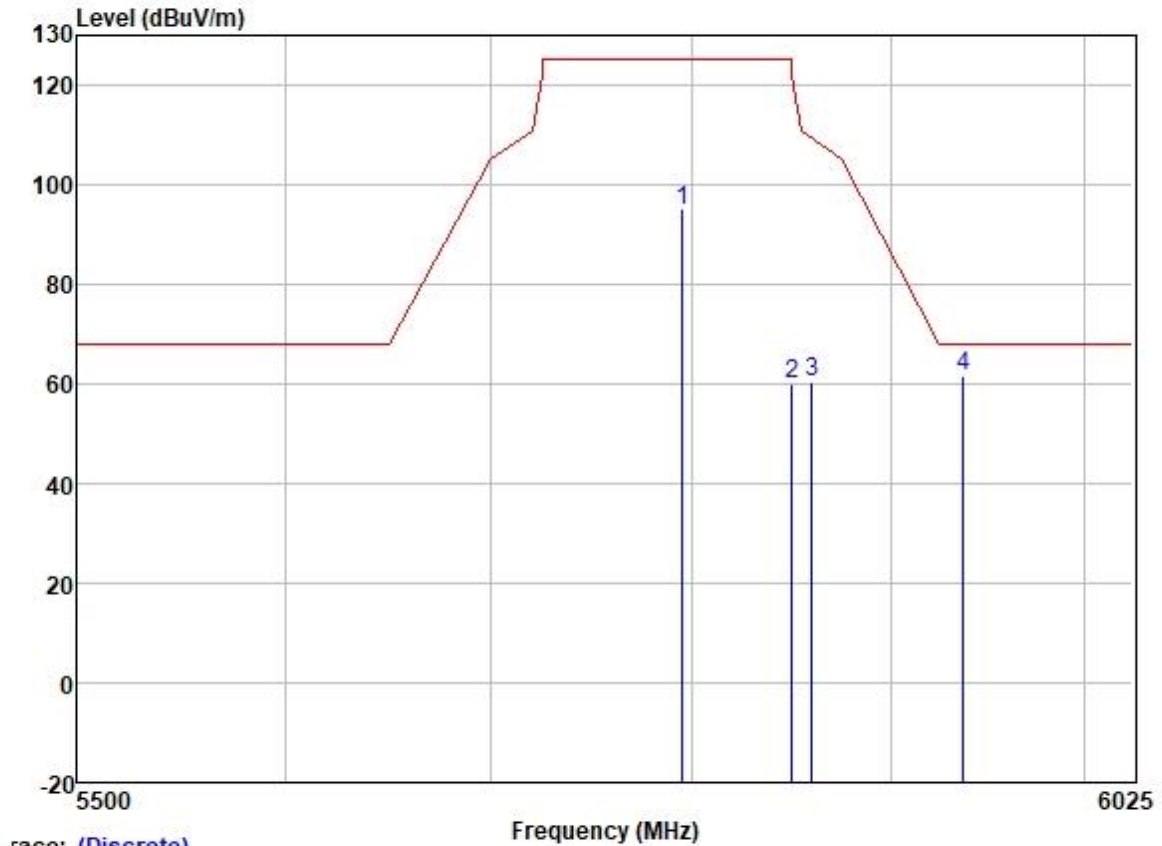
Test Mode: 40; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

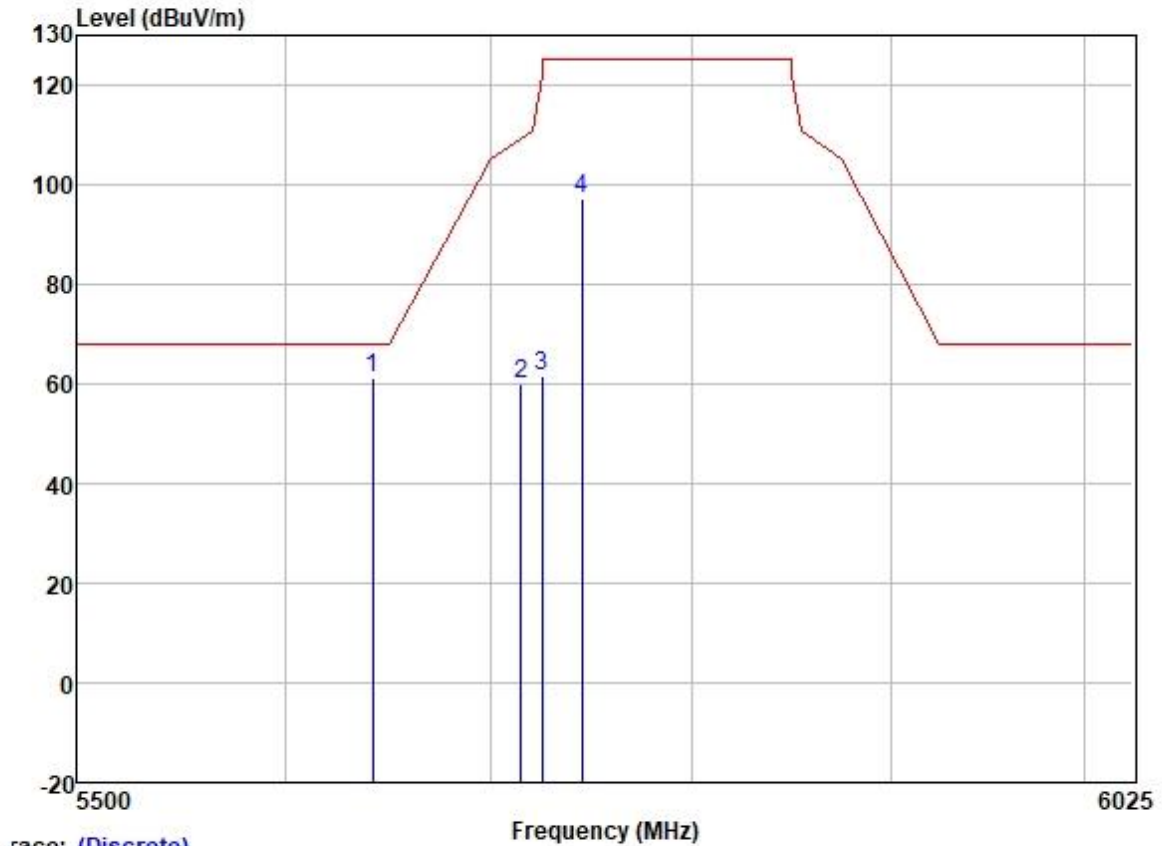
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5795.000	94.37	32.19	6.10	36.89	95.77	125.20	-29.43	HORIZONTAL	Peak
2	5850.000	59.23	32.25	6.00	36.90	60.58	122.20	-61.62	HORIZONTAL	Peak
3	5860.000	59.04	32.27	5.96	36.90	60.37	109.40	-49.03	HORIZONTAL	Peak
4	5927.327	59.93	32.34	6.00	36.90	61.37	68.20	-6.83	HORIZONTAL	Peak

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



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5795.000	93.60	32.19	6.10	36.89	95.00	125.20	-30.20	VERTICAL Peak
2	5850.000	58.61	32.25	6.00	36.90	59.96	122.20	-62.24	VERTICAL Peak
3	5860.000	58.94	32.27	5.96	36.90	60.27	109.40	-49.13	VERTICAL Peak
4	5937.071	60.23	32.34	6.00	36.90	61.67	68.20	-6.53	VERTICAL Peak

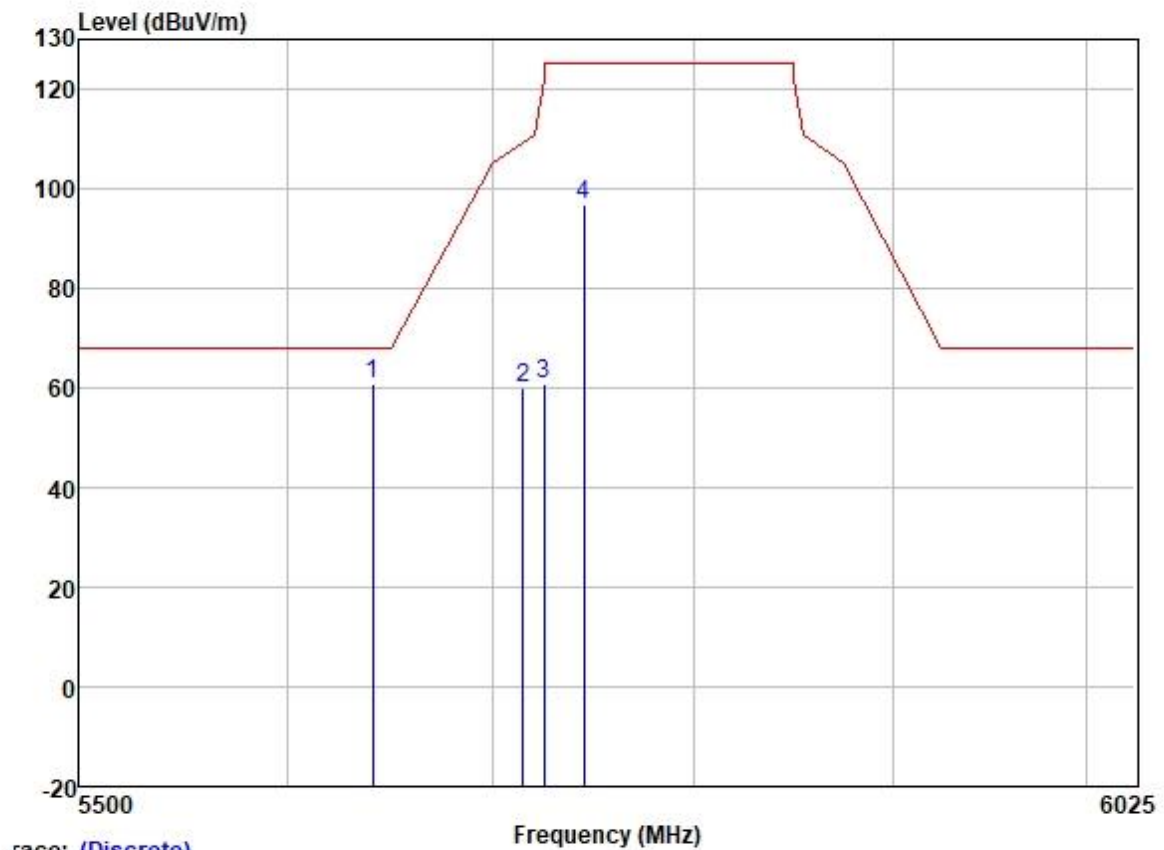
Test Mode: 40; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

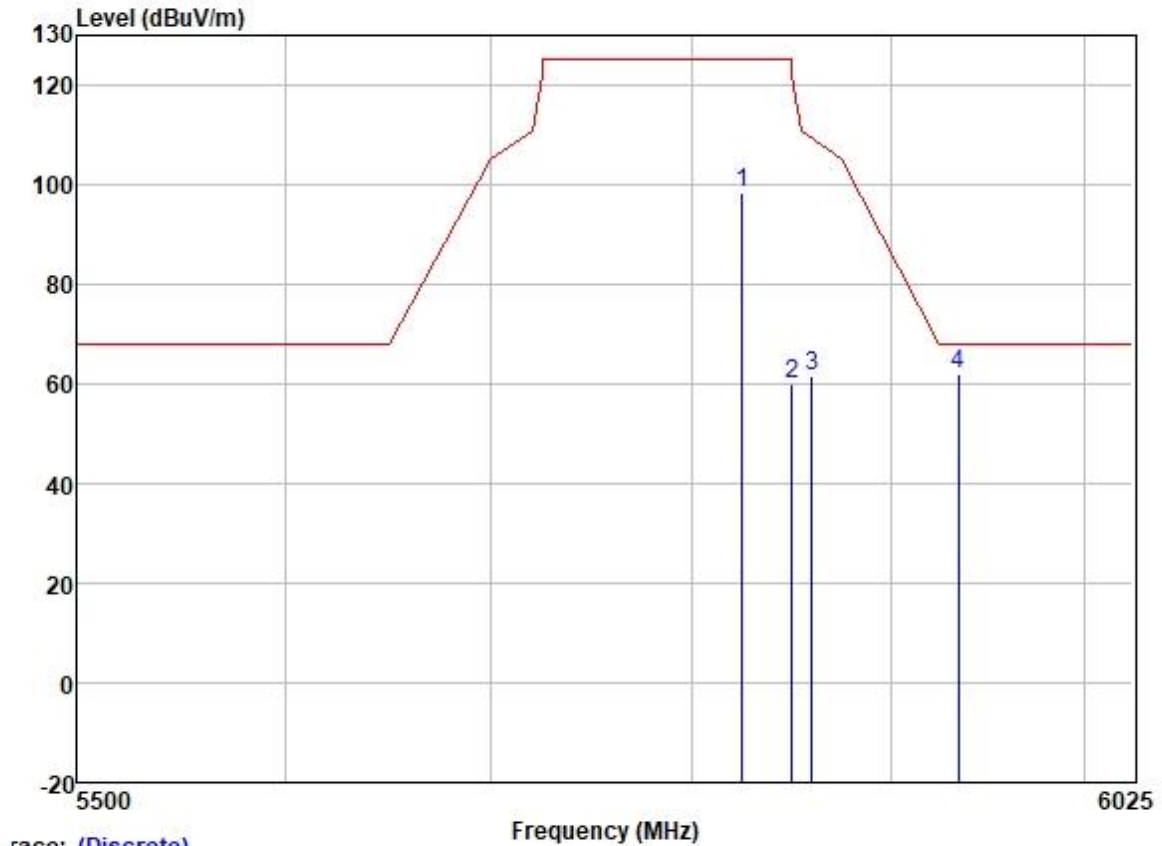
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5642.213	59.69	31.95	6.35	36.89	61.10	68.20	-7.10	HORIZONTAL	Peak
2	5715.000	58.50	32.04	6.33	36.89	59.98	109.40	-49.42	HORIZONTAL	Peak
3	5725.000	60.29	32.07	6.25	36.89	61.72	122.20	-60.48	HORIZONTAL	Peak
4	5745.000	95.96	32.10	6.20	36.89	97.37	125.20	-27.83	HORIZONTAL	Peak

Test Mode: 40; Polarity: Vertical; Modulation:802.11ac; 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	5641.245	59.34	31.95	6.35	36.89	60.75	68.20	-7.45	VERTICAL	Peak
2	5715.000	58.56	32.04	6.33	36.89	60.04	109.40	-49.36	VERTICAL	Peak
3	5725.000	59.31	32.07	6.25	36.89	60.74	122.20	-61.46	VERTICAL	Peak
4	5745.000	95.20	32.10	6.20	36.89	96.61	125.20	-28.59	VERTICAL	Peak

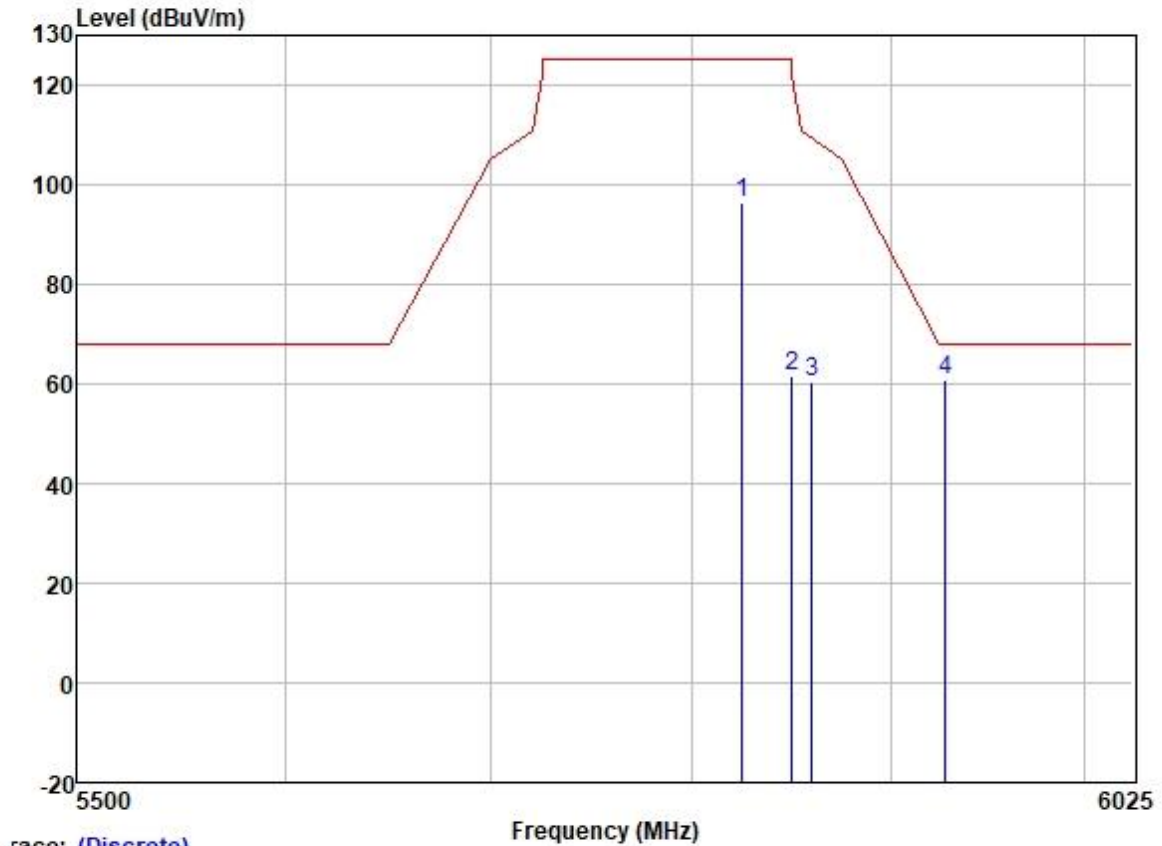
Test Mode: 40; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5825.000	96.97	32.23	6.04	36.90	98.34	125.20	-26.86	HORIZONTAL Peak
2	5850.000	58.78	32.25	6.00	36.90	60.13	122.20	-62.07	HORIZONTAL Peak
3	5860.000	60.19	32.27	5.96	36.90	61.52	109.40	-47.88	HORIZONTAL Peak
4	5934.643	60.70	32.34	6.00	36.90	62.14	68.20	-6.06	HORIZONTAL Peak

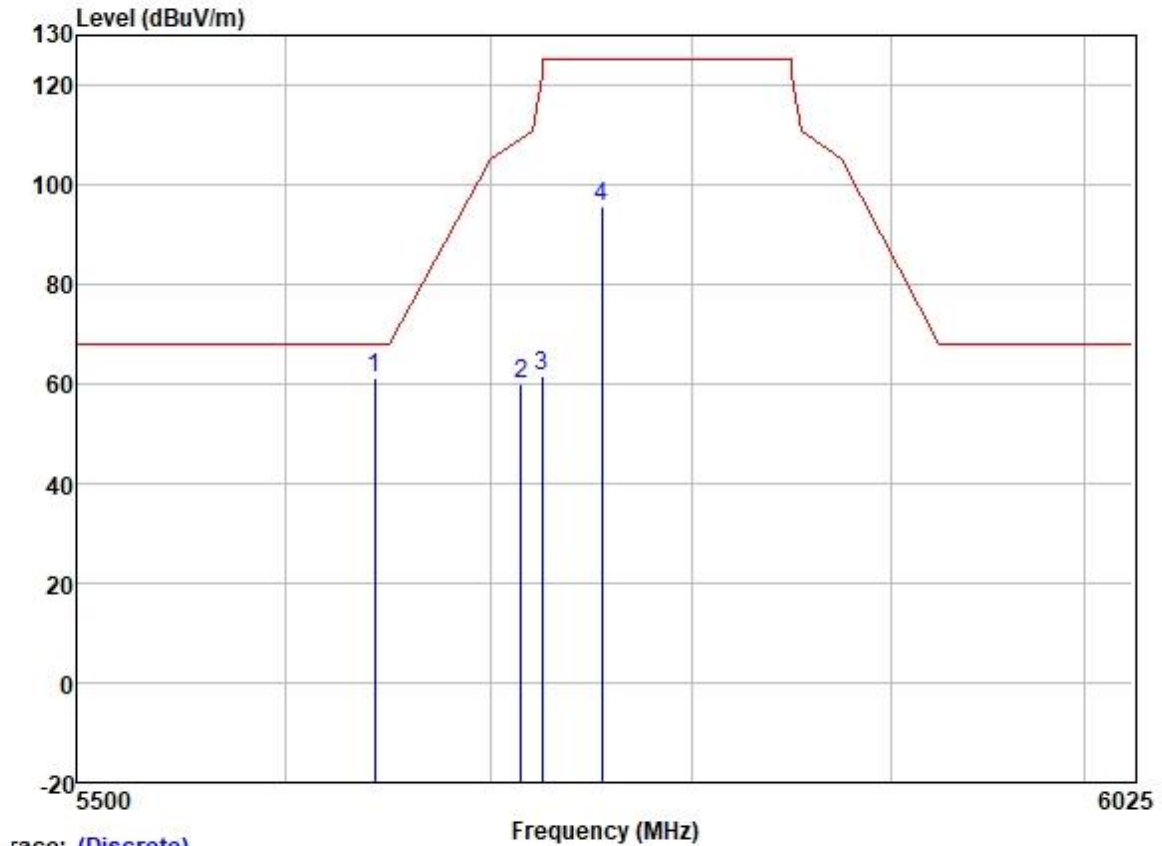
Test Mode: 40; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



Trace: (Discrete)

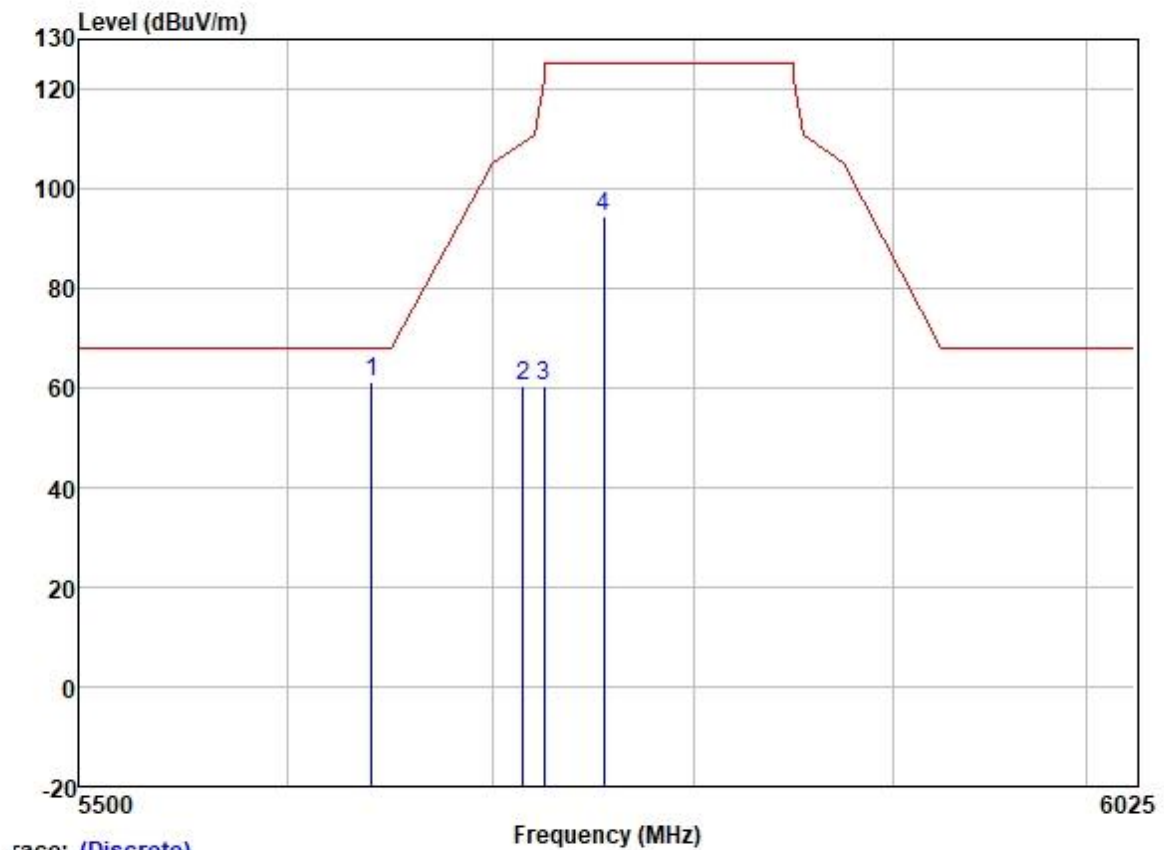
		ReadAntenna	Cable	Preamp		Limit	Over			
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5825.000	94.88	32.23	6.04	36.90	96.25	125.20	-28.95	VERTICAL	Peak
2	5850.000	60.11	32.25	6.00	36.90	61.46	122.20	-60.74	VERTICAL	Peak
3	5860.000	59.26	32.27	5.96	36.90	60.59	109.40	-48.81	VERTICAL	Peak
4	5928.375	59.38	32.34	6.00	36.90	60.82	68.20	-7.38	VERTICAL	Peak

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



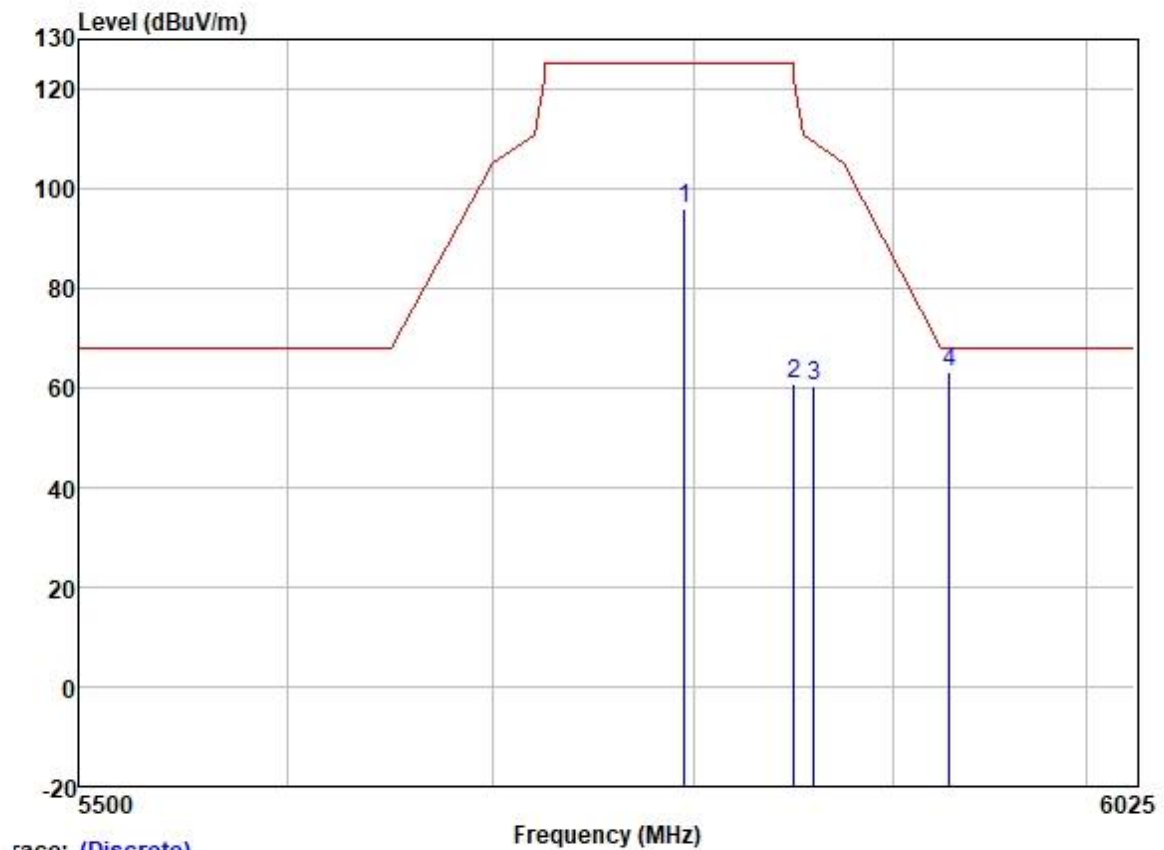
	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5643.212	59.83	31.95	6.35	36.89	61.24	68.20	-6.96	HORIZONTAL Peak
2	5715.000	58.54	32.04	6.33	36.89	60.02	109.40	-49.38	HORIZONTAL Peak
3	5725.000	59.98	32.07	6.25	36.89	61.41	122.20	-60.79	HORIZONTAL Peak
4	5755.000	94.05	32.10	6.20	36.89	95.46	125.20	-29.74	HORIZONTAL Peak

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



	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5640.765	59.77	31.95	6.35	36.89	61.18	68.20	-7.02	VERTICAL	Peak
2	5715.000	58.91	32.04	6.33	36.89	60.39	109.40	-49.01	VERTICAL	Peak
3	5725.000	59.15	32.07	6.25	36.89	60.58	122.20	-61.62	VERTICAL	Peak
4	5755.000	92.87	32.10	6.20	36.89	94.28	125.20	-30.92	VERTICAL	Peak

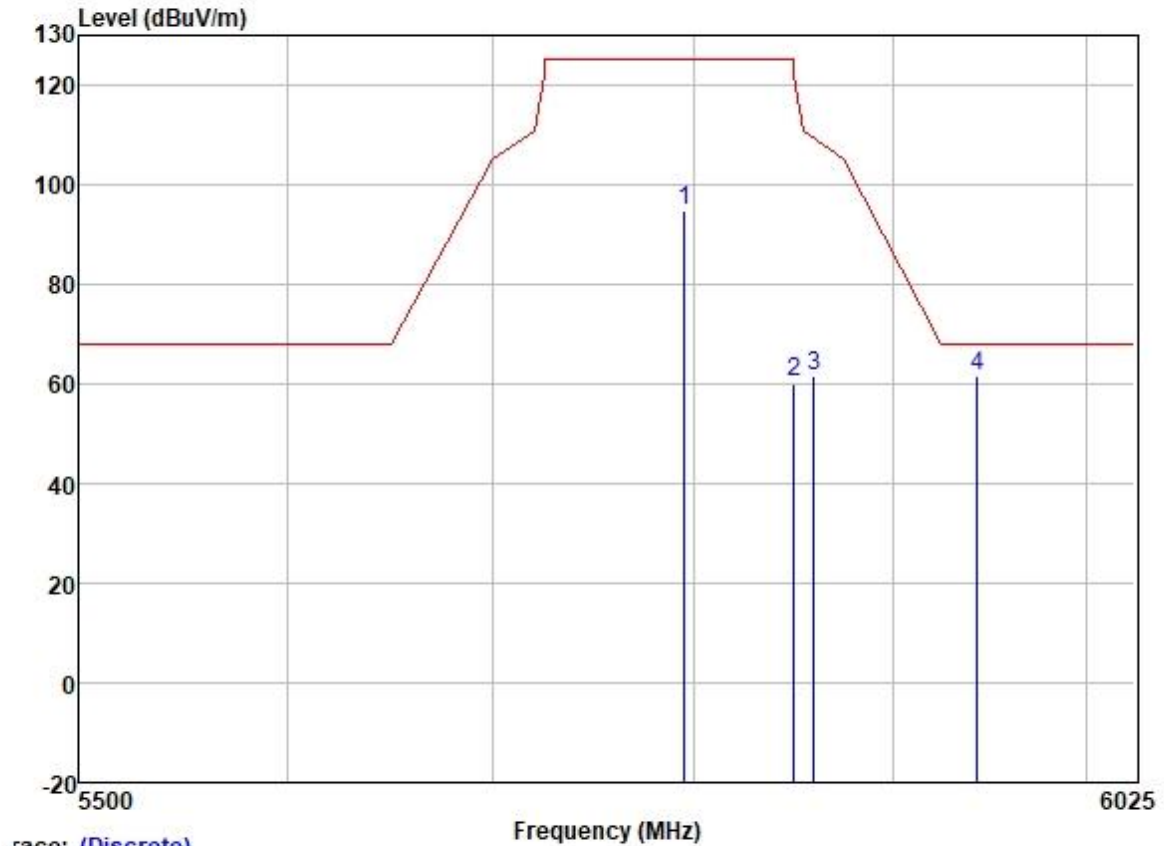
Test Mode: 40; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

	Freq	ReadAntenna Level Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	5795.000	94.46	32.19	6.10	36.89	95.86	125.20	-29.34	HORIZONTAL Peak
2	5850.000	59.36	32.25	6.00	36.90	60.71	122.20	-61.49	HORIZONTAL Peak
3	5860.000	59.14	32.27	5.96	36.90	60.47	109.40	-48.93	HORIZONTAL Peak
4	5929.355	61.83	32.34	6.00	36.90	63.27	68.20	-4.93	HORIZONTAL Peak

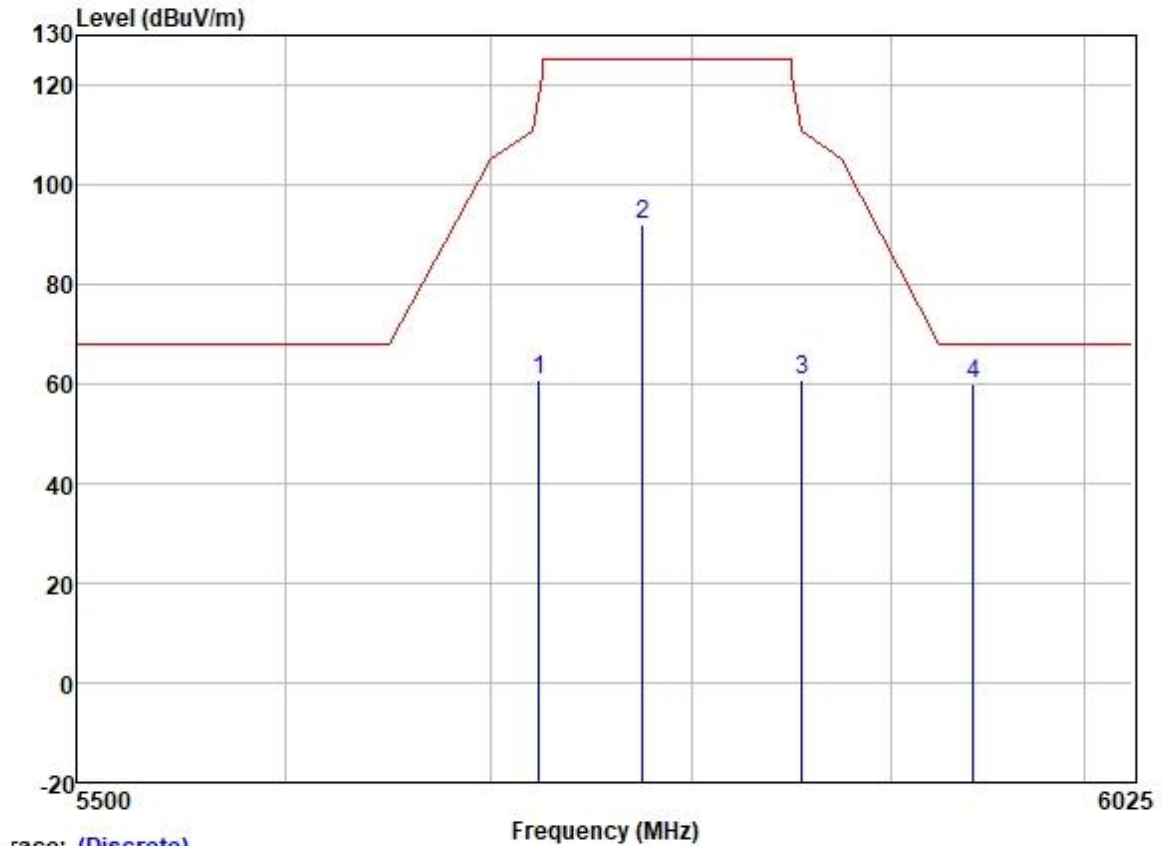
Test Mode: 40; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

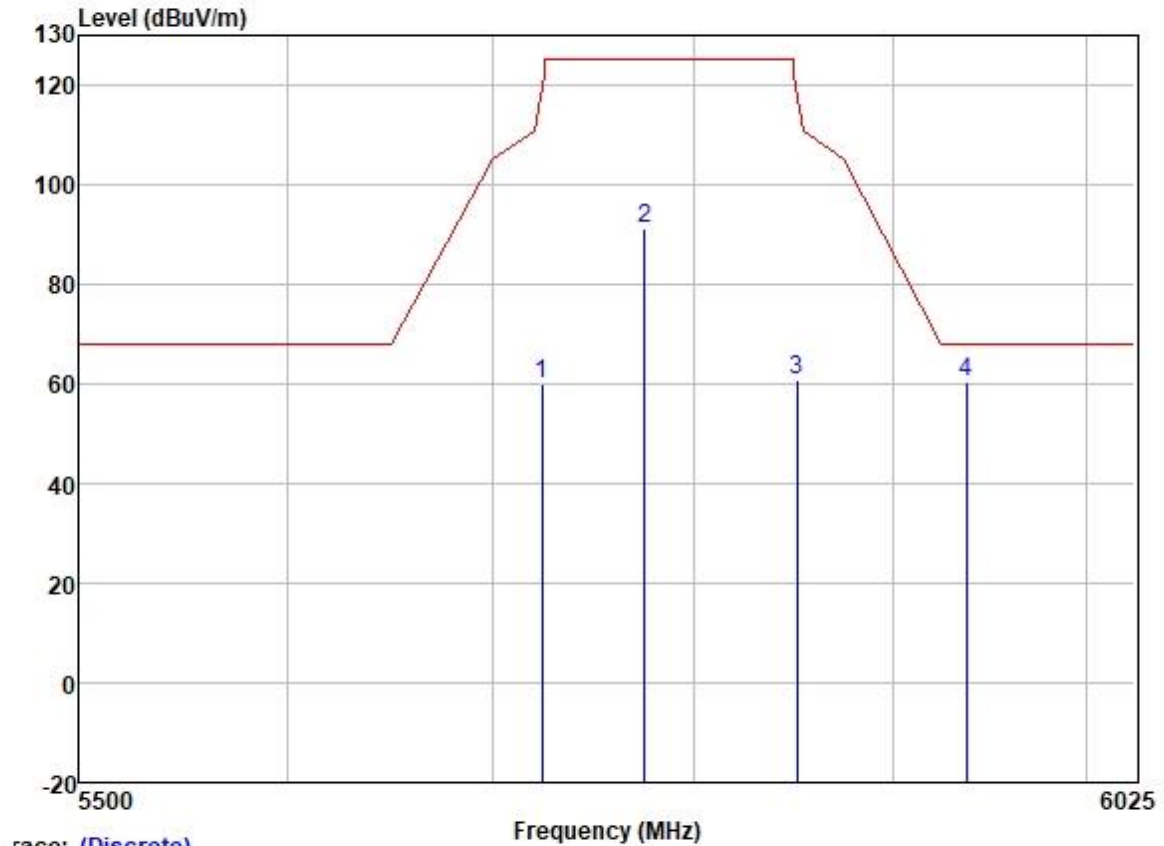
	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Limit Level	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dB		
1	5795.000	93.52	32.19	6.10	36.89	94.92	125.20	-30.28	VERTICAL Peak
2	5850.000	58.85	32.25	6.00	36.90	60.20	122.20	-62.00	VERTICAL Peak
3	5860.000	60.25	32.27	5.96	36.90	61.58	109.40	-47.82	VERTICAL Peak
4	5943.373	60.15	32.36	6.05	36.90	61.66	68.20	-6.54	VERTICAL Peak

Test Mode: 40; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5723.486	59.39	32.07	6.25	36.89	60.82	118.75	-57.93	HORIZONTAL	Peak
2	5775.000	90.69	32.16	6.10	36.89	92.06	125.20	-33.14	HORIZONTAL	Peak
3	5855.199	59.40	32.25	6.00	36.90	60.75	110.74	-49.99	HORIZONTAL	Peak
4	5942.496	58.66	32.36	6.05	36.90	60.17	68.20	-8.03	HORIZONTAL	Peak

Test Mode: 40; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



	Freq	ReadAntenna Level	Factor	Cable Loss	Preamp Factor	Level	Limit Line	Over Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	5724.088	58.73	32.07	6.25	36.89	60.16	120.12	-59.96	VERTICAL	Peak
2	5775.000	89.84	32.16	6.10	36.89	91.21	125.20	-33.99	VERTICAL	Peak
3	5851.808	59.60	32.25	6.00	36.90	60.95	118.08	-57.13	VERTICAL	Peak
4	5937.803	58.83	32.34	6.00	36.90	60.27	68.20	-7.93	VERTICAL	Peak

7.9 Radiated Emissions (below 1GHz)

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

Test Method: KDB 789033 D02 II G

Limit:

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

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

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

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

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

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

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

7.9.1 E.U.T. Operation

Operating Environment:

Temperature: 25.5 °C

Humidity: 68.6 % RH

Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Mode
Final test Code Description

Pre-scan 33

TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of



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Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing & Calibration Laboratory

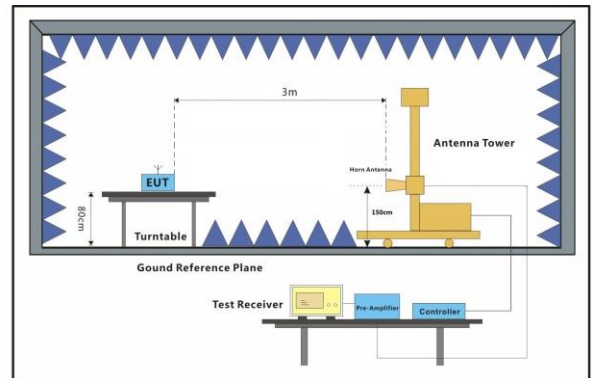
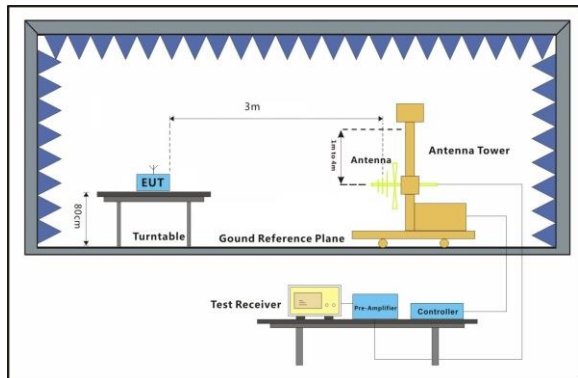
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

	IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test 34	
	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 35	
	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 36	
	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 37	
	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 38	
	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 39	

Pre-scan 40

Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

7.9.3 Test Setup Diagram



7.9.4 Measurement Procedure and Data

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

Remark:

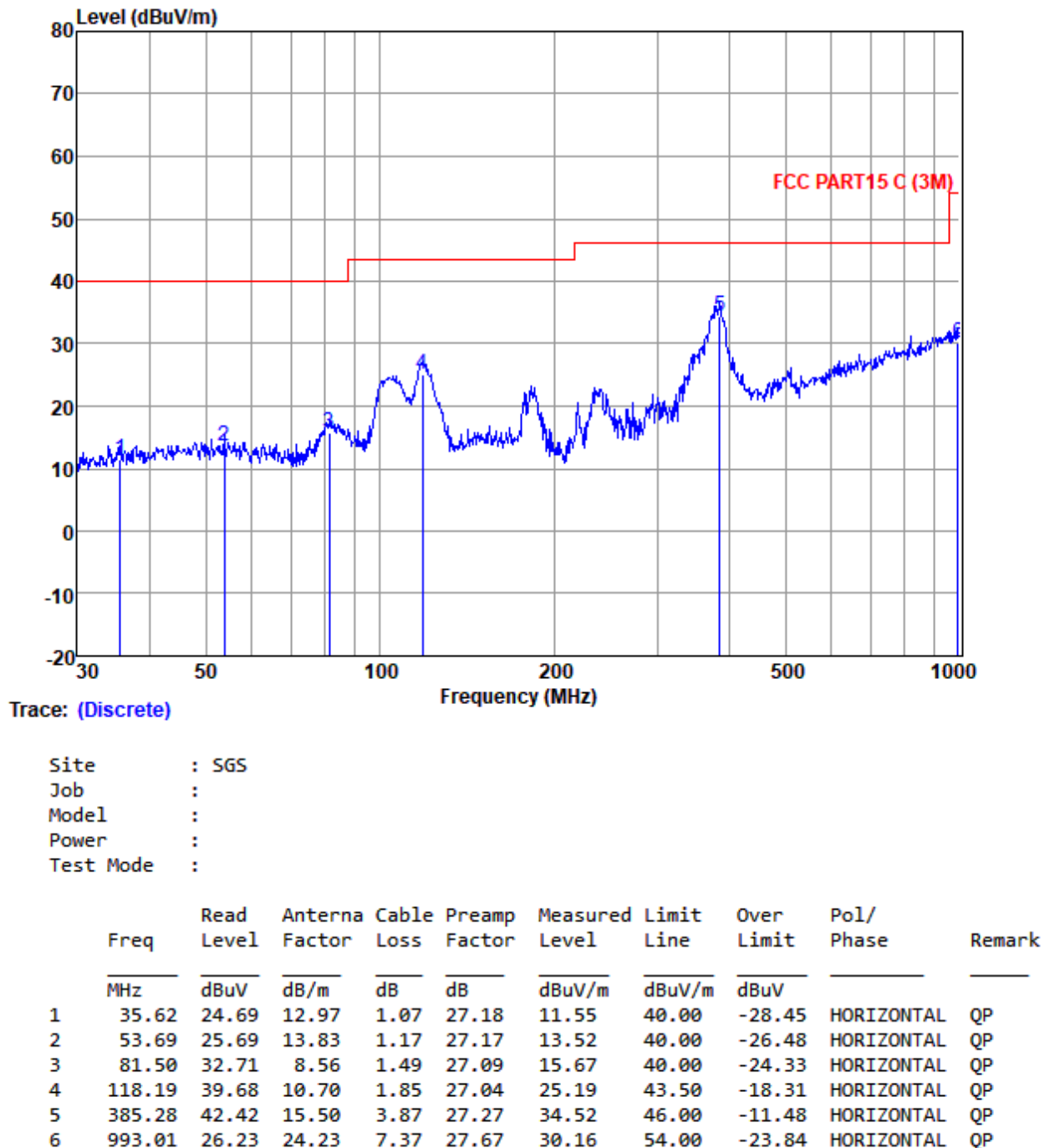
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.
3. Scan from 9kHz to 1GHz, the disturbance below 30MHz was very low. The points marked 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.



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Test Mode: 34; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Test Mode: 34; Polarity: Vertical; Modulation: 802.11a; Bandwidth: 20MHz; Channel: Low



7.10 Radiated Emissions (above 1GHz)

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

Test Method: KDB 789033 D02 II G

Limit:

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

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

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

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

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

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

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

7.10.1 E.U.T. Operation

Operating Environment:

Temperature: 21.4 °C

Humidity: 54.3 % RH

Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

Pre-scan / Mode
Final test Code Description

Pre-scan 33

TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of



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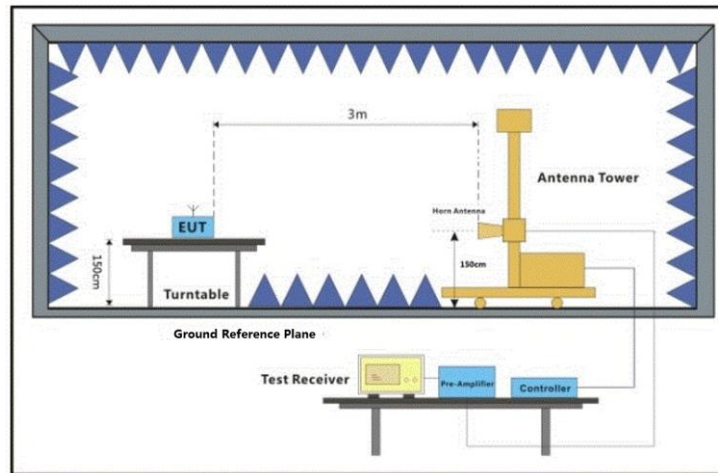
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中国·广州·经济技术开发区科学城科珠路198号 邮编: 510663 t (86-20) 82155555 f (86-20) 82075058 sgs.china@sgs.com

	IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
	Charge + TX mode (U-NII-1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test 34	
	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 35	
	Charge + TX mode (U-NII-2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test 36	
	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 37	
	Charge + TX mode (U-NII-2C)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test 38	
	TX mode (U-NII-3)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Pre-scan 39	

Final test 40

Charge + TX mode (U-NII-3)_Keep the EUT in charging and continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

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

Remark:

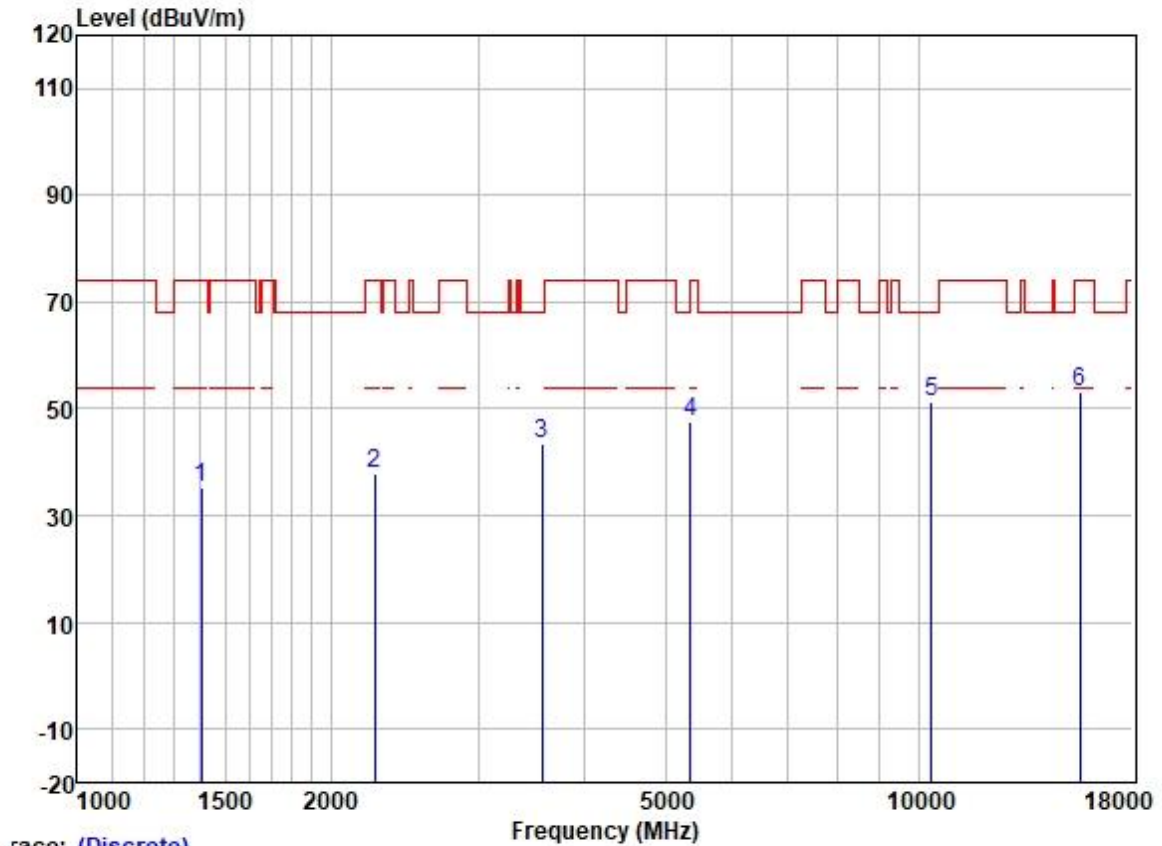
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor
2. Scan from 1GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from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



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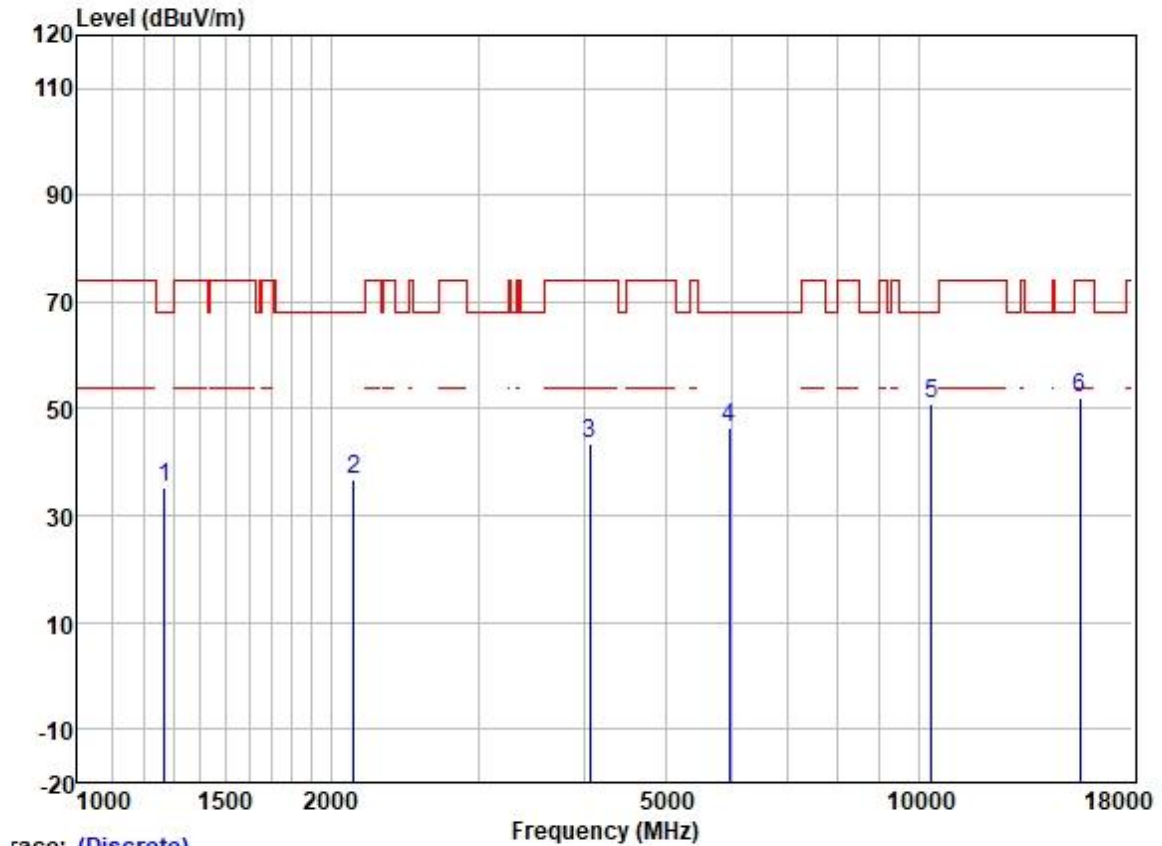
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Test Mode: 34; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



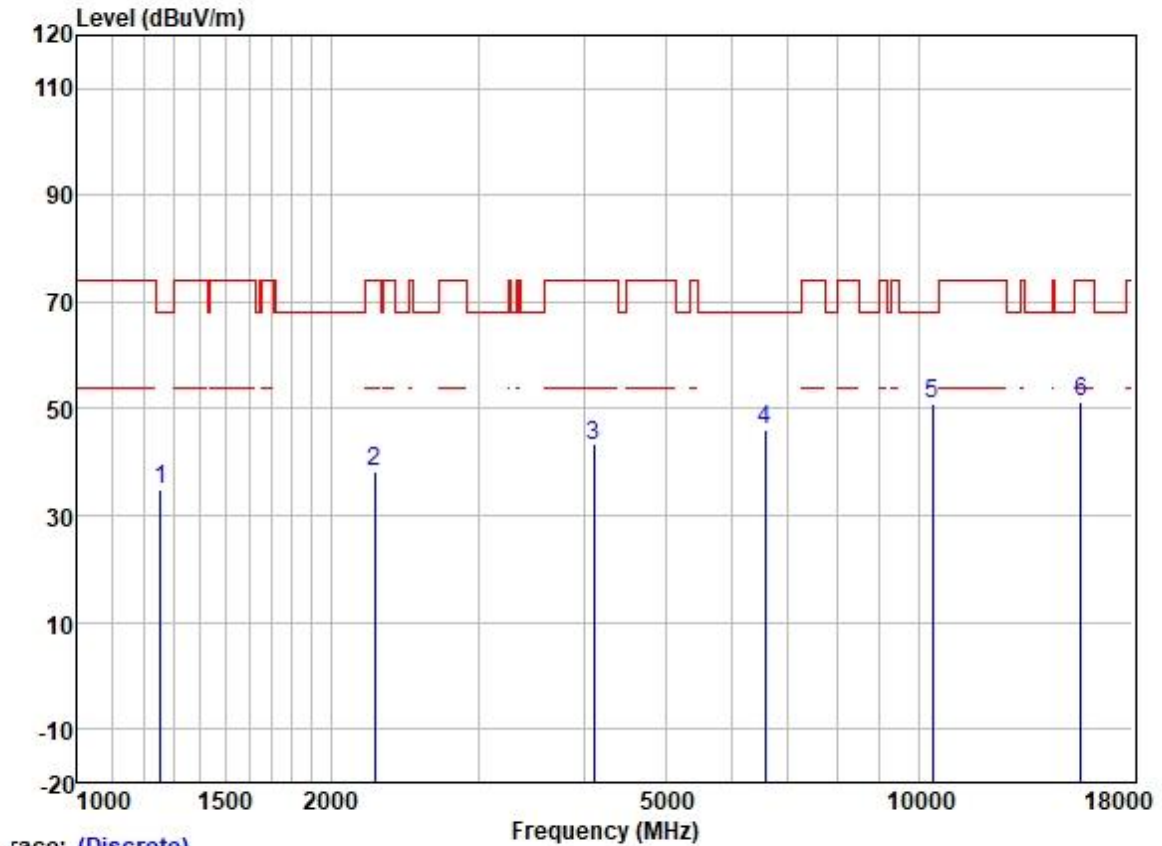
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	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1403.112	45.55	25.39	2.61	38.22	35.33	74.00	-38.67	HORIZONTAL Peak
2	2254.413	45.28	26.92	3.26	37.64	37.82	74.00	-36.18	HORIZONTAL Peak
3	3568.504	47.11	28.99	4.45	36.92	43.63	68.20	-24.57	HORIZONTAL Peak
4	5363.767	46.66	31.78	6.03	36.88	47.59	74.00	-26.41	HORIZONTAL Peak
5	10360.000	42.25	39.28	7.29	37.37	51.45	68.20	-16.75	HORIZONTAL Peak
6	15540.000	39.70	39.05	9.88	35.39	53.24	74.00	-20.76	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



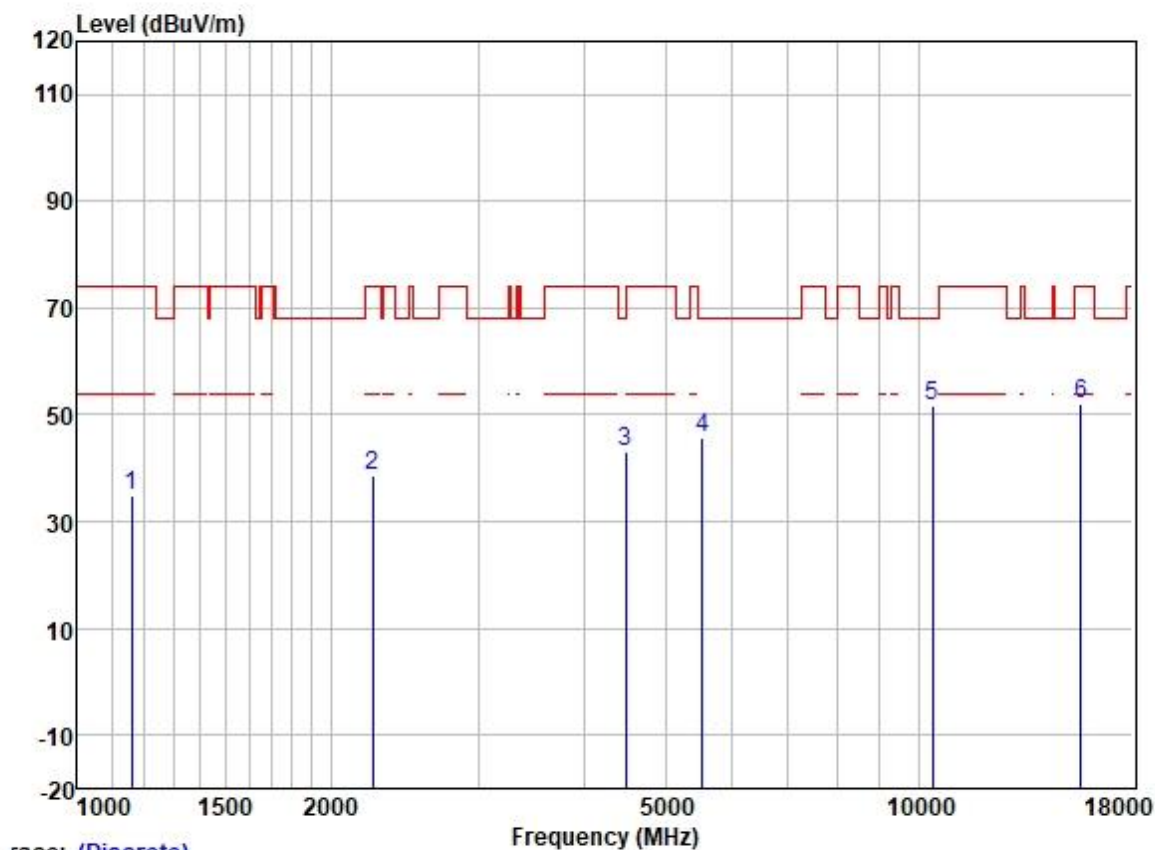
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1269.785	46.16	25.11	2.46	38.33	35.40	68.20	-32.80	VERTICAL Peak
2	2129.302	45.05	26.36	3.17	37.67	36.91	68.20	-31.29	VERTICAL Peak
3	4068.033	45.65	29.88	4.60	36.80	43.33	74.00	-30.67	VERTICAL Peak
4	5956.043	44.93	32.36	6.05	36.90	46.44	68.20	-21.76	VERTICAL Peak
5	10360.000	41.86	39.28	7.29	37.37	51.06	68.20	-17.14	VERTICAL Peak
6	15540.000	38.65	39.05	9.88	35.39	52.19	74.00	-21.81	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



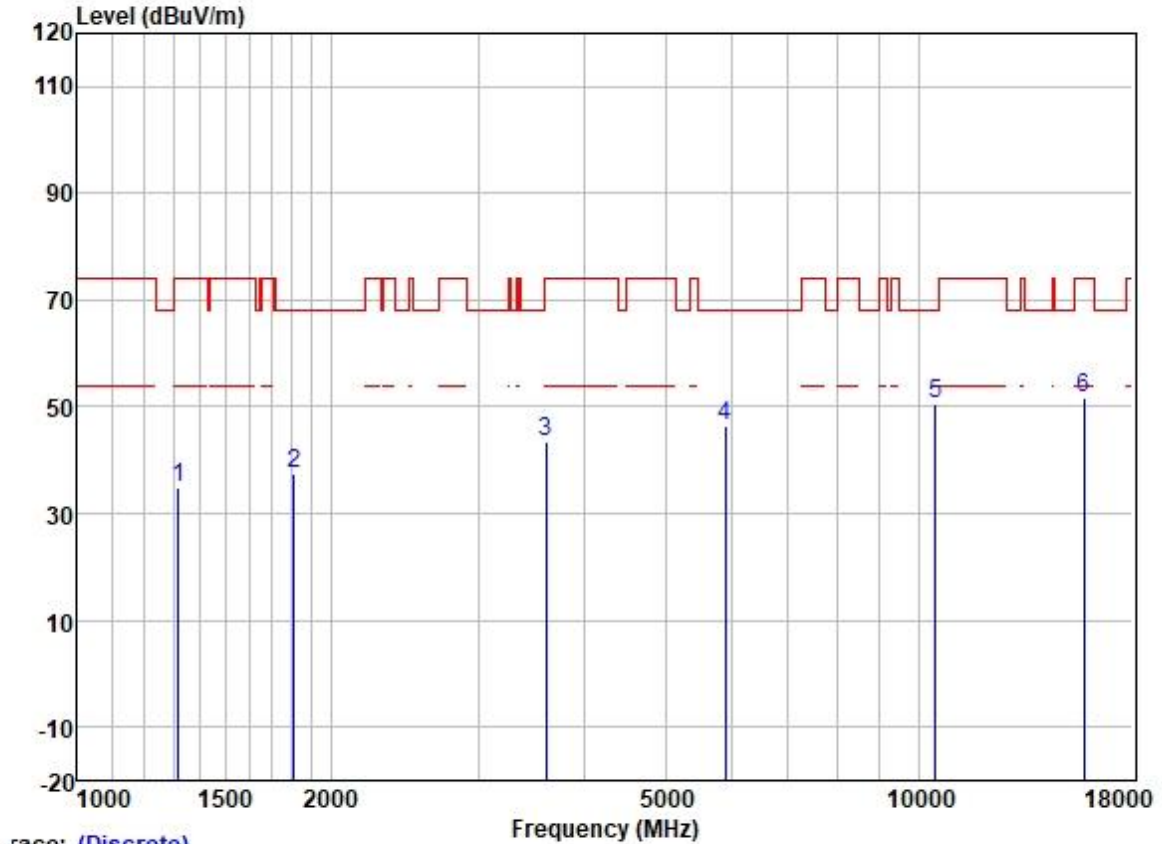
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1254.468	45.67	25.03	2.36	38.35	34.71	68.20	-33.49	HORIZONTAL Peak
2	2257.442	45.48	26.95	3.27	37.64	38.06	74.00	-35.94	HORIZONTAL Peak
3	4109.725	45.52	29.96	4.60	36.80	43.28	74.00	-30.72	HORIZONTAL Peak
4	6572.109	43.23	34.09	5.84	37.03	46.13	68.20	-22.07	HORIZONTAL Peak
5	10400.000	41.62	39.33	7.32	37.36	50.91	68.20	-17.29	HORIZONTAL Peak
6	15600.000	37.78	38.99	9.88	35.39	51.26	74.00	-22.74	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



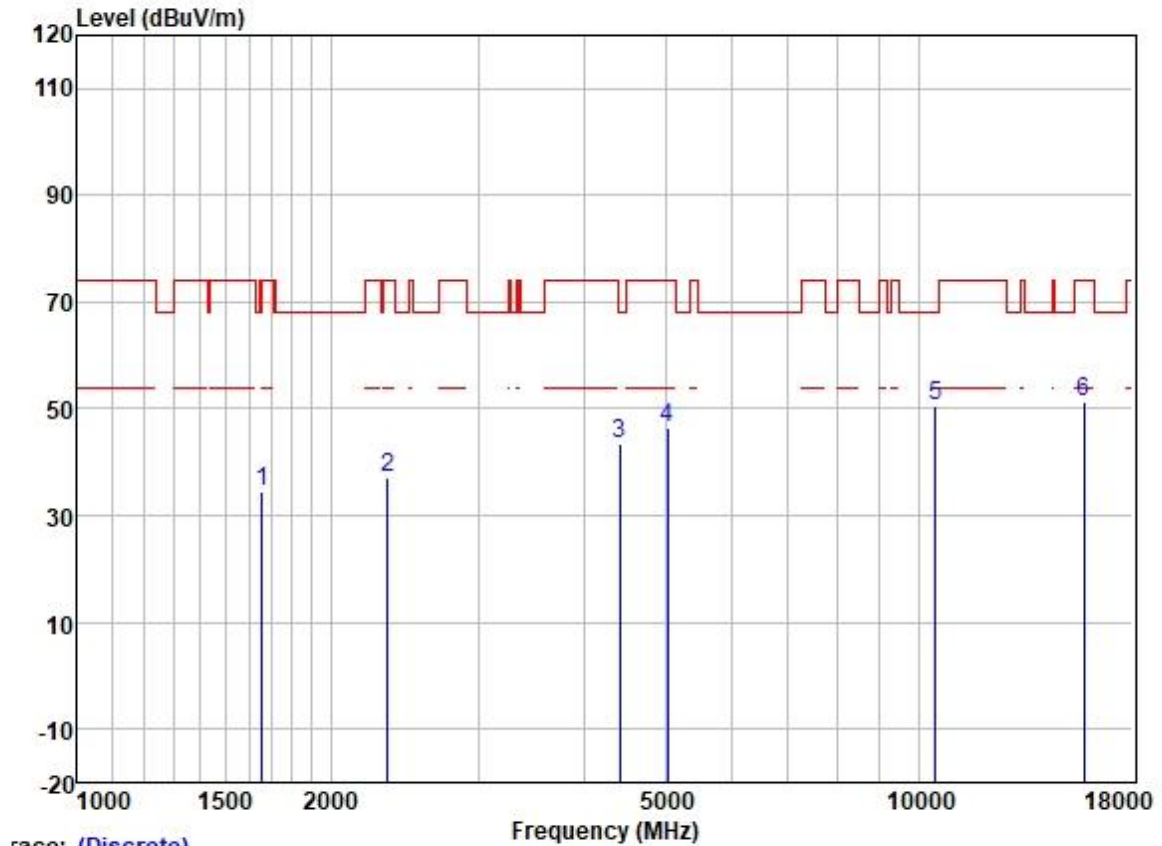
	Freq	Read	Antenna	Cable	Preamp		Limit	Over		
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1161.612	46.20	24.53	2.40	38.42	34.71	74.00	-39.29	VERTICAL	Peak
2	2241.951	46.11	26.84	3.24	37.64	38.55	74.00	-35.45	VERTICAL	Peak
3	4480.794	44.29	30.78	4.99	36.81	43.25	68.20	-24.95	VERTICAL	Peak
4	5534.663	44.50	31.83	6.37	36.89	45.81	68.20	-22.39	VERTICAL	Peak
5	10400.000	42.52	39.33	7.32	37.36	51.81	68.20	-16.39	VERTICAL	Peak
6	15600.000	38.43	38.99	9.88	35.39	51.91	74.00	-22.09	VERTICAL	Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



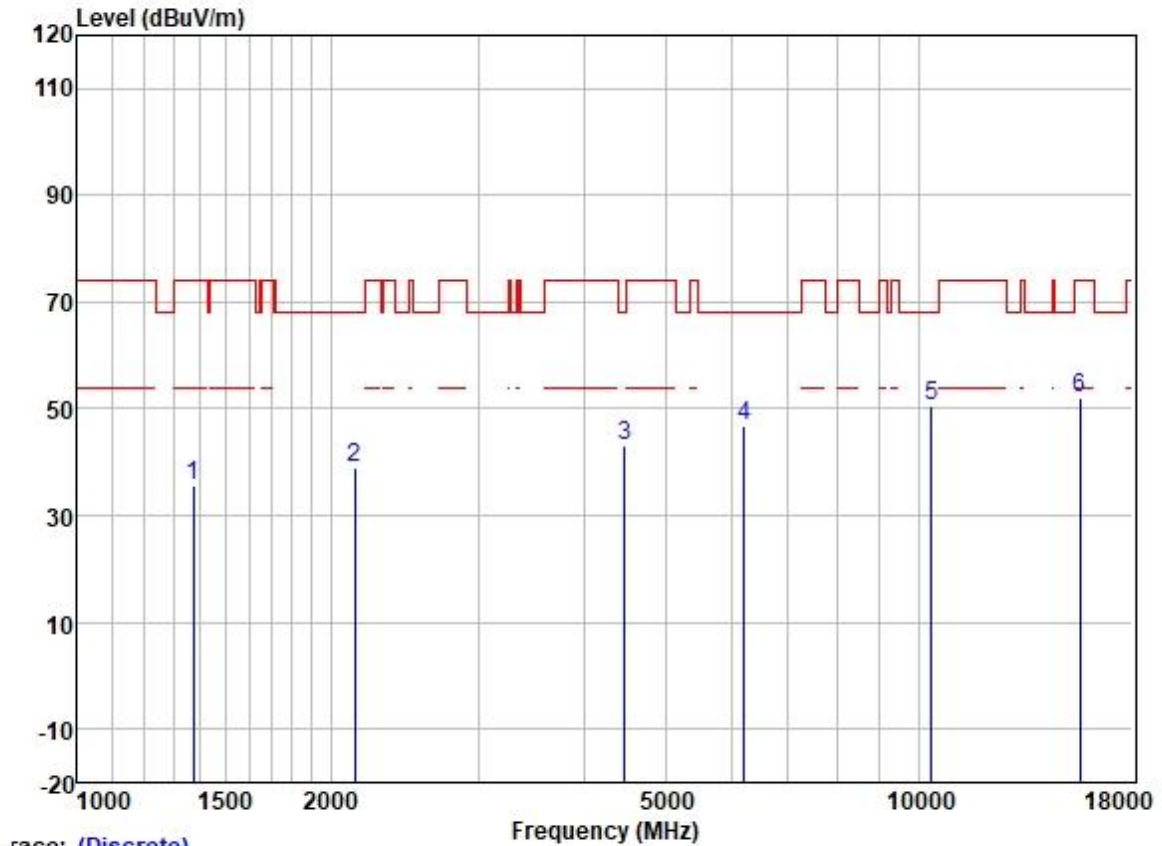
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1319.078	45.47	25.25	2.60	38.29	35.03	74.00	-38.97	HORIZONTAL Peak
2	1808.445	46.46	25.95	2.99	37.81	37.59	68.20	-30.61	HORIZONTAL Peak
3	3607.288	46.77	29.05	4.50	36.91	43.41	74.00	-30.59	HORIZONTAL Peak
4	5890.569	45.11	32.31	5.90	36.90	46.42	68.20	-21.78	HORIZONTAL Peak
5	10480.000	40.96	39.46	7.40	37.36	50.46	68.20	-17.74	HORIZONTAL Peak
6	15720.000	38.42	38.78	9.87	35.39	51.68	74.00	-22.32	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



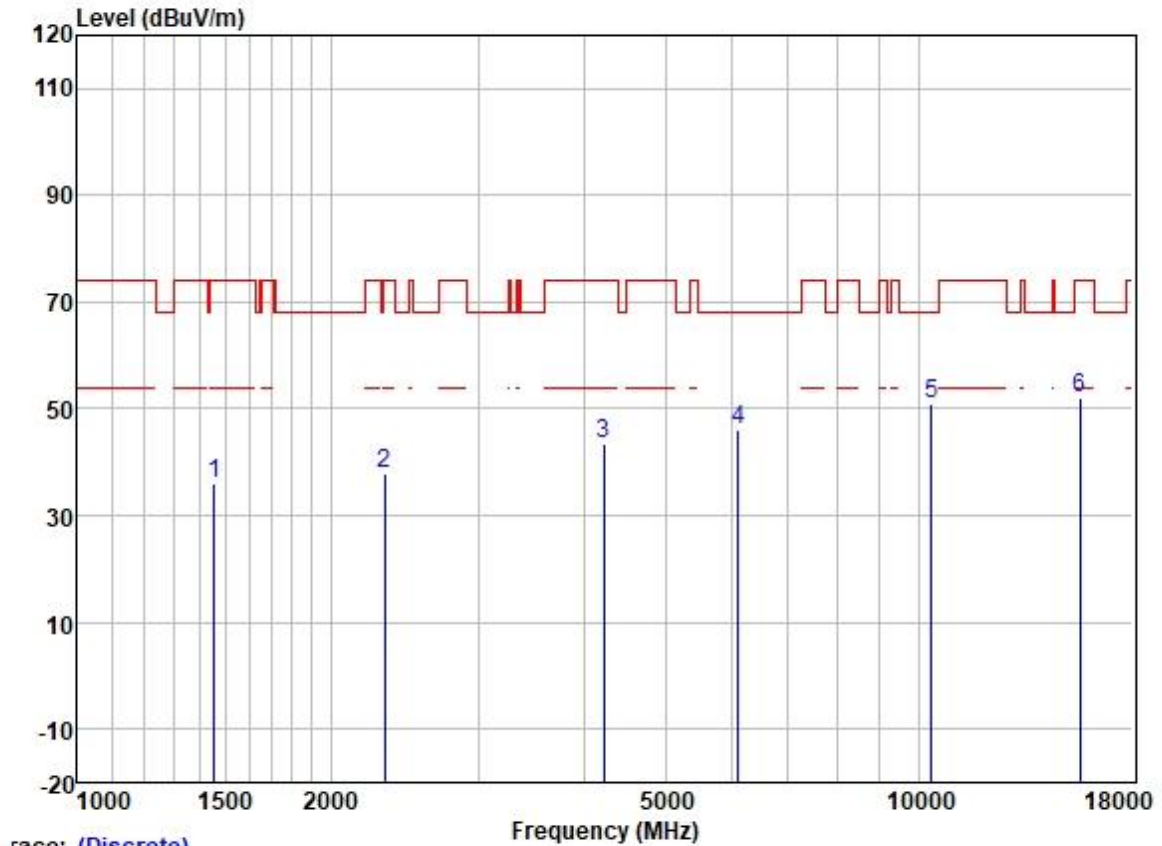
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1656.991	44.12	25.65	2.80	37.93	34.64	68.20	-33.56	VERTICAL	Peak
2	2339.587	44.30	27.22	3.37	37.61	37.28	74.00	-36.72	VERTICAL	Peak
3	4416.434	44.99	30.70	4.74	36.81	43.62	68.20	-24.58	VERTICAL	Peak
4	5030.165	45.83	31.70	5.69	36.85	46.37	74.00	-27.63	VERTICAL	Peak
5	10480.000	41.07	39.46	7.40	37.36	50.57	68.20	-17.63	VERTICAL	Peak
6	15720.000	38.06	38.78	9.87	35.39	51.32	74.00	-22.68	VERTICAL	Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



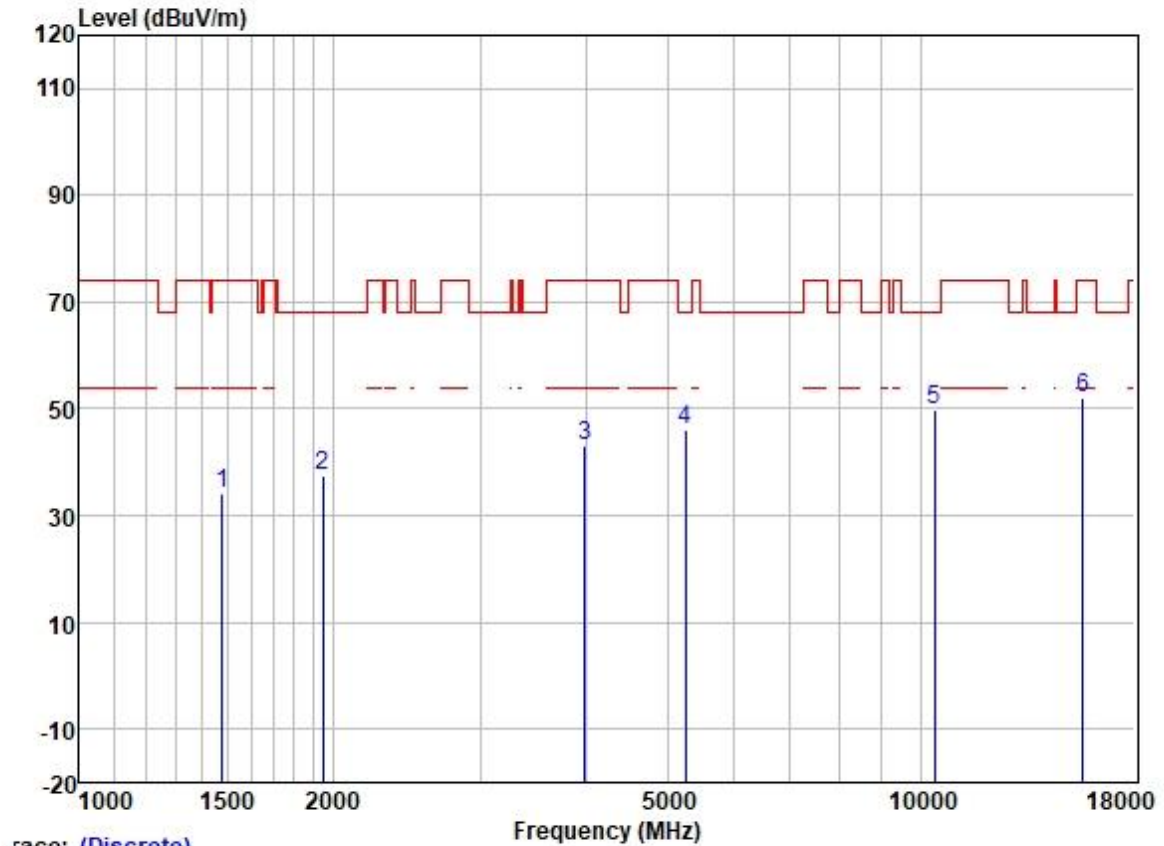
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1375.089	45.77	25.35	2.60	38.25	35.47	74.00	-38.53	HORIZONTAL	Peak
2	2137.946	46.95	26.39	3.18	37.66	38.86	68.20	-29.34	HORIZONTAL	Peak
3	4469.948	44.24	30.77	4.93	36.81	43.13	68.20	-25.07	HORIZONTAL	Peak
4	6210.575	44.69	33.03	6.06	36.94	46.84	68.20	-21.36	HORIZONTAL	Peak
5	10360.000	41.39	39.28	7.29	37.37	50.59	68.20	-17.61	HORIZONTAL	Peak
6	15540.000	38.42	39.05	9.88	35.39	51.96	74.00	-22.04	HORIZONTAL	Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



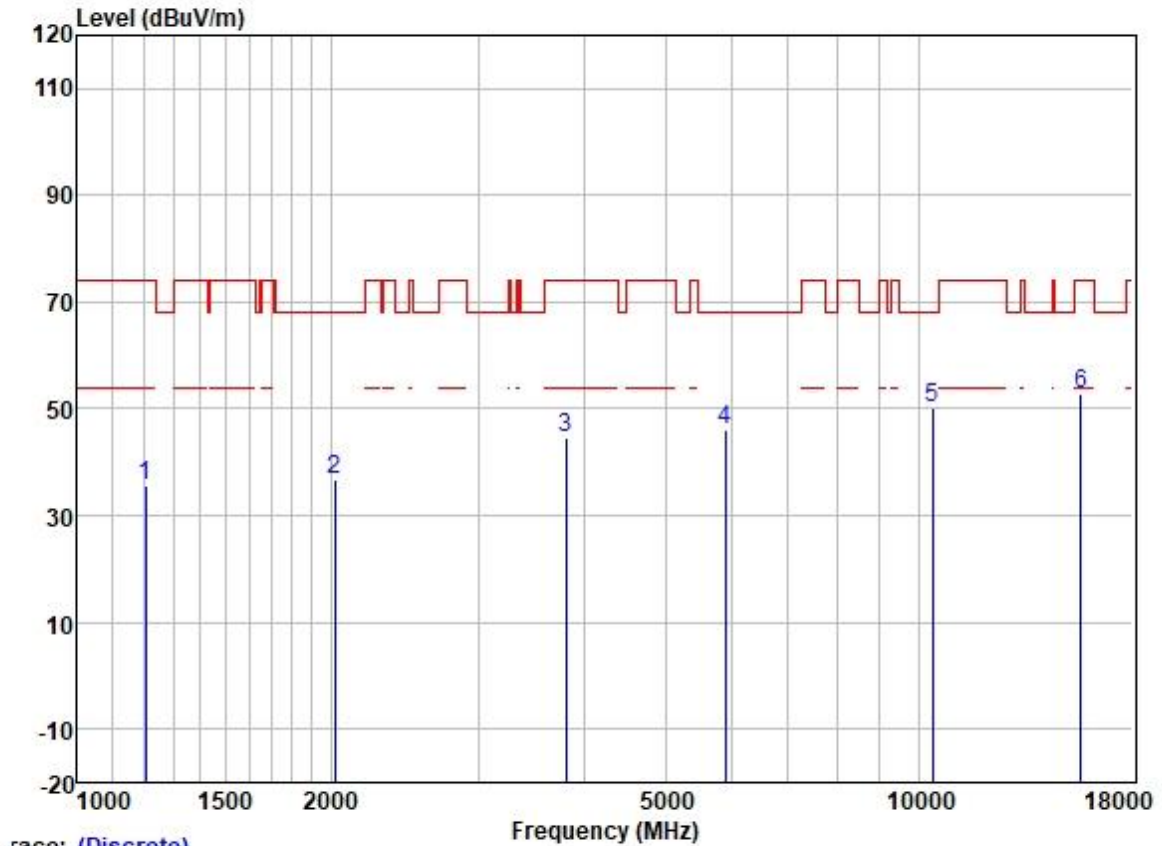
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1455.786	45.81	25.46	2.72	38.17	35.82	74.00	-38.18	VERTICAL Peak
2	2316.385	44.90	27.17	3.33	37.62	37.78	74.00	-36.22	VERTICAL Peak
3	4221.721	45.57	30.22	4.60	36.81	43.58	74.00	-30.42	VERTICAL Peak
4	6098.299	44.24	32.66	6.14	36.92	46.12	68.20	-22.08	VERTICAL Peak
5	10360.000	41.72	39.28	7.29	37.37	50.92	68.20	-17.28	VERTICAL Peak
6	15540.000	38.69	39.05	9.88	35.39	52.23	74.00	-21.77	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Level	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1479.913	44.10	25.48	2.77	38.13	34.22	74.00	-39.78	HORIZONTAL Peak
2	1945.301	46.28	26.07	2.99	37.73	37.61	68.20	-30.59	HORIZONTAL Peak
3	3991.338	45.61	29.79	4.60	36.80	43.20	74.00	-30.80	HORIZONTAL Peak
4	5252.177	45.37	31.75	5.77	36.87	46.02	68.20	-22.18	HORIZONTAL Peak
5	10400.000	40.63	39.33	7.32	37.36	49.92	68.20	-18.28	HORIZONTAL Peak
6	15600.000	38.69	38.99	9.88	35.39	52.17	74.00	-21.83	HORIZONTAL Peak

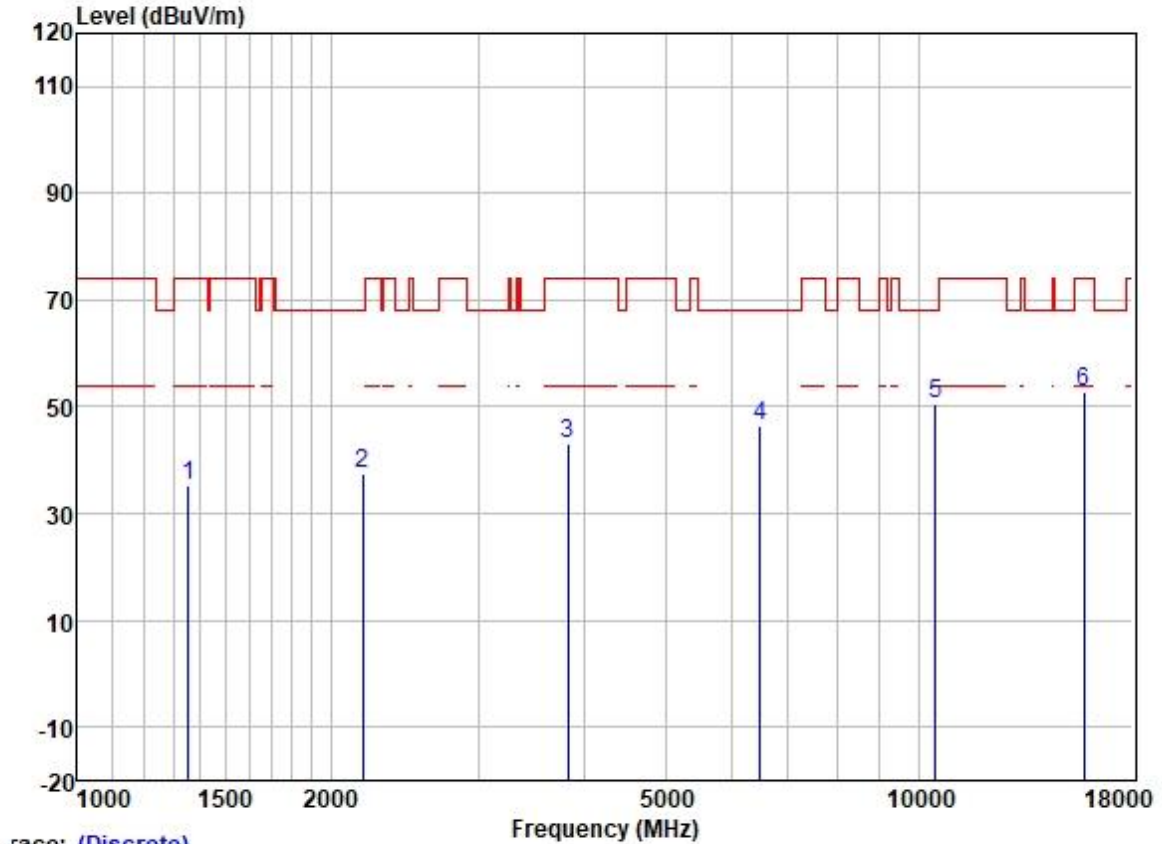
Test Mode: 34; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

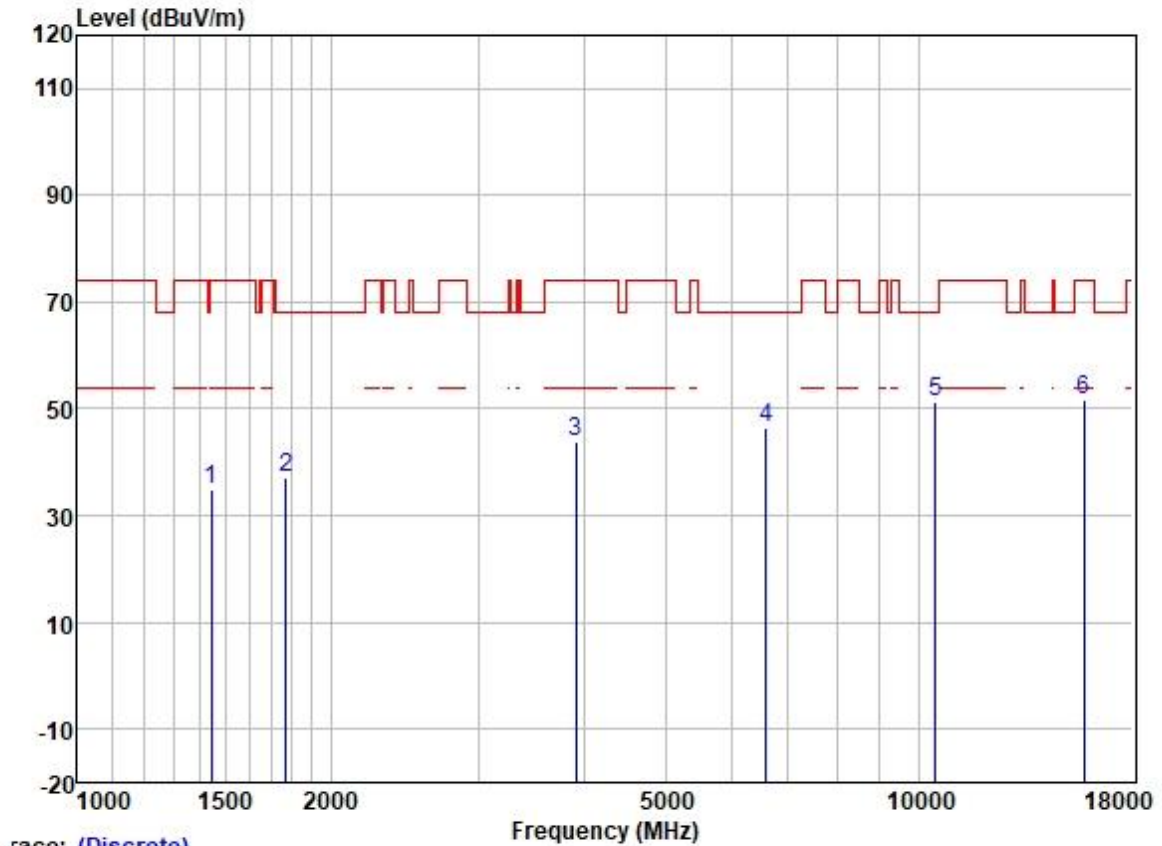
	Freq	ReadAntenna	Cable	Preamp		Limit	Over			
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1206.098	46.85	24.72	2.33	38.39	35.51	74.00	-38.49	VERTICAL	Peak
2	2025.195	45.34	26.14	3.11	37.69	36.90	68.20	-31.30	VERTICAL	Peak
3	3807.276	47.29	29.55	4.60	36.85	44.59	74.00	-29.41	VERTICAL	Peak
4	5891.915	44.62	32.31	5.90	36.90	45.93	68.20	-22.27	VERTICAL	Peak
5	10400.000	40.91	39.33	7.32	37.36	50.20	68.20	-18.00	VERTICAL	Peak
6	15600.000	39.38	38.99	9.88	35.39	52.86	74.00	-21.14	VERTICAL	Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



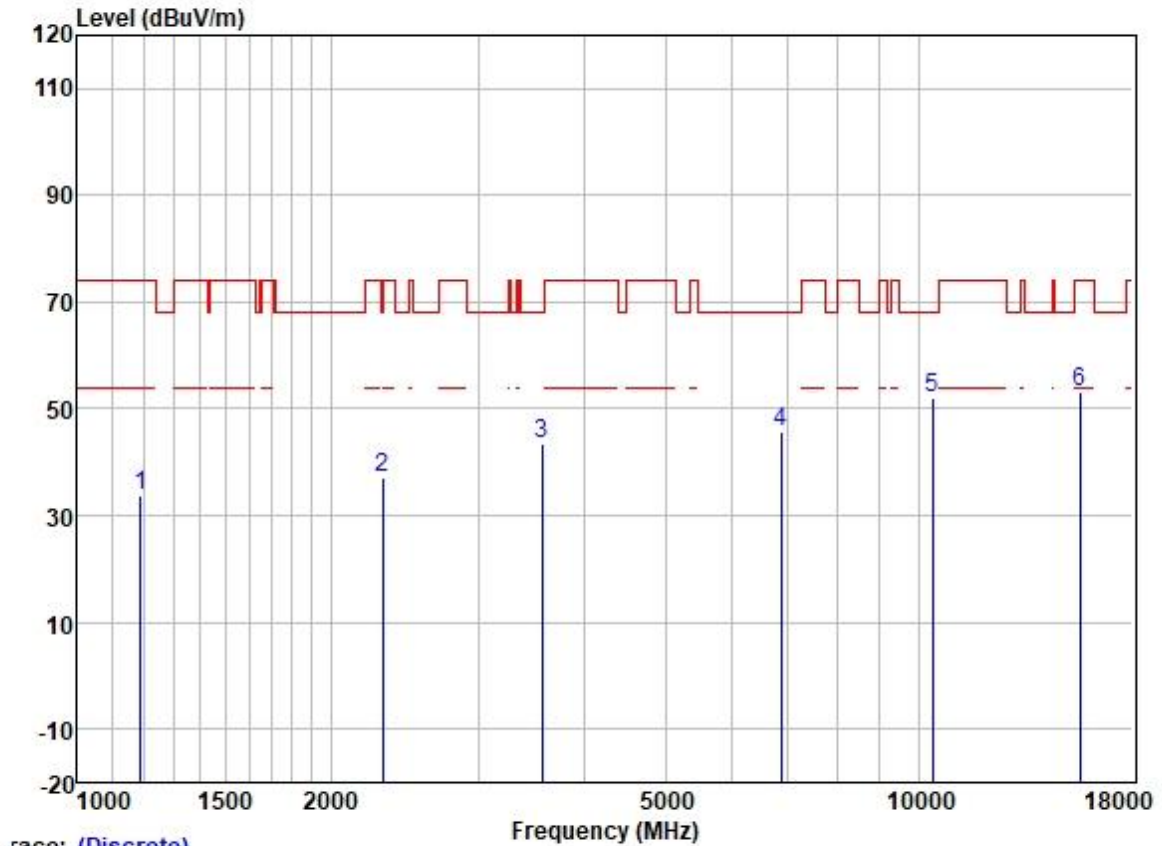
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1354.495	45.75	25.32	2.60	38.27	35.40	74.00	-38.60	HORIZONTAL Peak
2	2183.703	45.48	26.54	3.19	37.66	37.55	68.20	-30.65	HORIZONTAL Peak
3	3831.862	45.84	29.59	4.60	36.84	43.19	74.00	-30.81	HORIZONTAL Peak
4	6488.934	43.49	33.96	5.85	37.01	46.29	68.20	-21.91	HORIZONTAL Peak
5	10480.000	41.03	39.46	7.40	37.36	50.53	68.20	-17.67	HORIZONTAL Peak
6	15720.000	39.66	38.78	9.87	35.39	52.92	74.00	-21.08	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



	Freq	Read	Antenna	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	1442.715	45.03	25.44	2.69	38.17	34.99	74.00	-39.01	VERTICAL	Peak
2	1772.502	46.19	25.90	2.95	37.83	37.21	68.20	-30.99	VERTICAL	Peak
3	3912.383	46.29	29.70	4.60	36.82	43.77	74.00	-30.23	VERTICAL	Peak
4	6588.017	43.35	34.13	5.84	37.04	46.28	68.20	-21.92	VERTICAL	Peak
5	10480.000	41.80	39.46	7.40	37.36	51.30	68.20	-16.90	VERTICAL	Peak
6	15720.000	38.59	38.78	9.87	35.39	51.85	74.00	-22.15	VERTICAL	Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

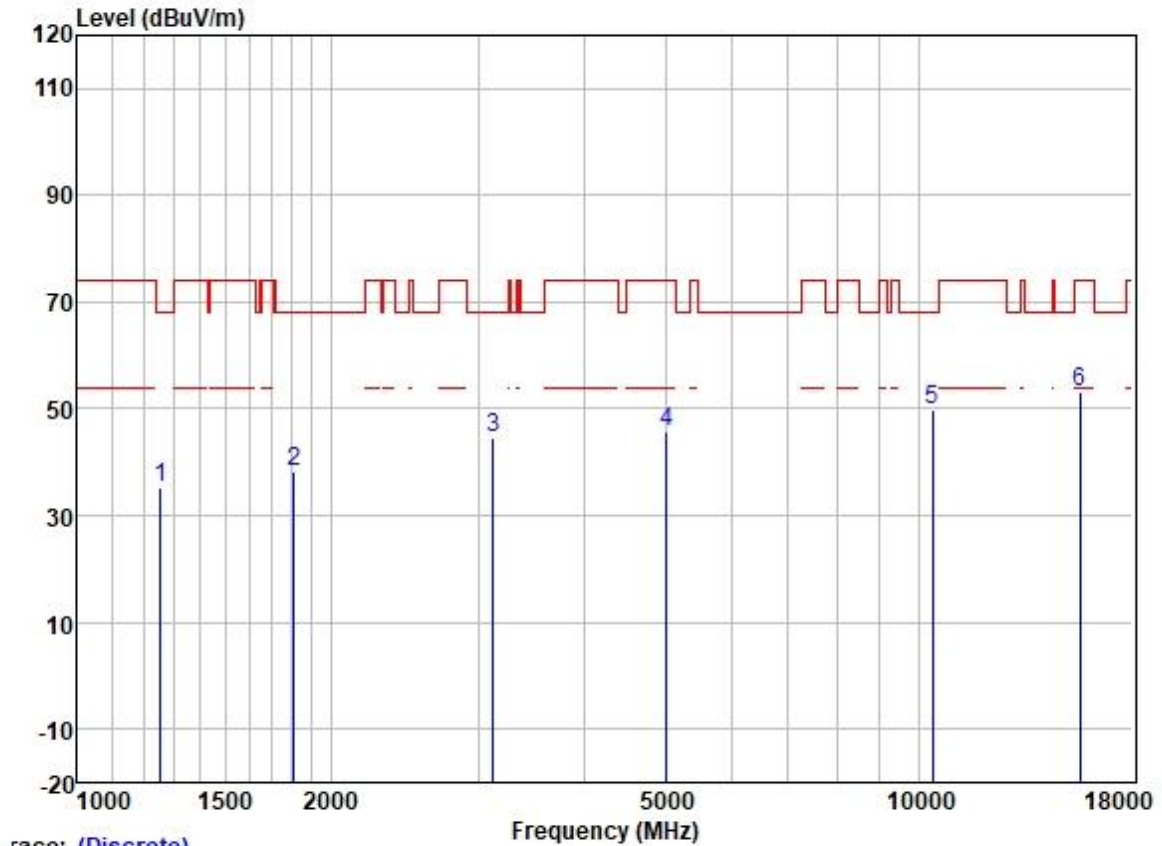
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1189.866	45.33	24.63	2.36	38.39	33.93	74.00	-40.07	HORIZONTAL	Peak
2	2303.833	44.14	27.13	3.31	37.62	36.96	68.20	-31.24	HORIZONTAL	Peak
3	3564.781	47.07	28.99	4.45	36.92	43.59	68.20	-24.61	HORIZONTAL	Peak
4	6870.499	42.31	34.82	5.82	37.16	45.79	68.20	-22.41	HORIZONTAL	Peak
5	10380.000	42.64	39.33	7.32	37.37	51.92	68.20	-16.28	HORIZONTAL	Peak
6	15570.000	39.69	38.99	9.88	35.39	53.17	74.00	-20.83	HORIZONTAL	Peak



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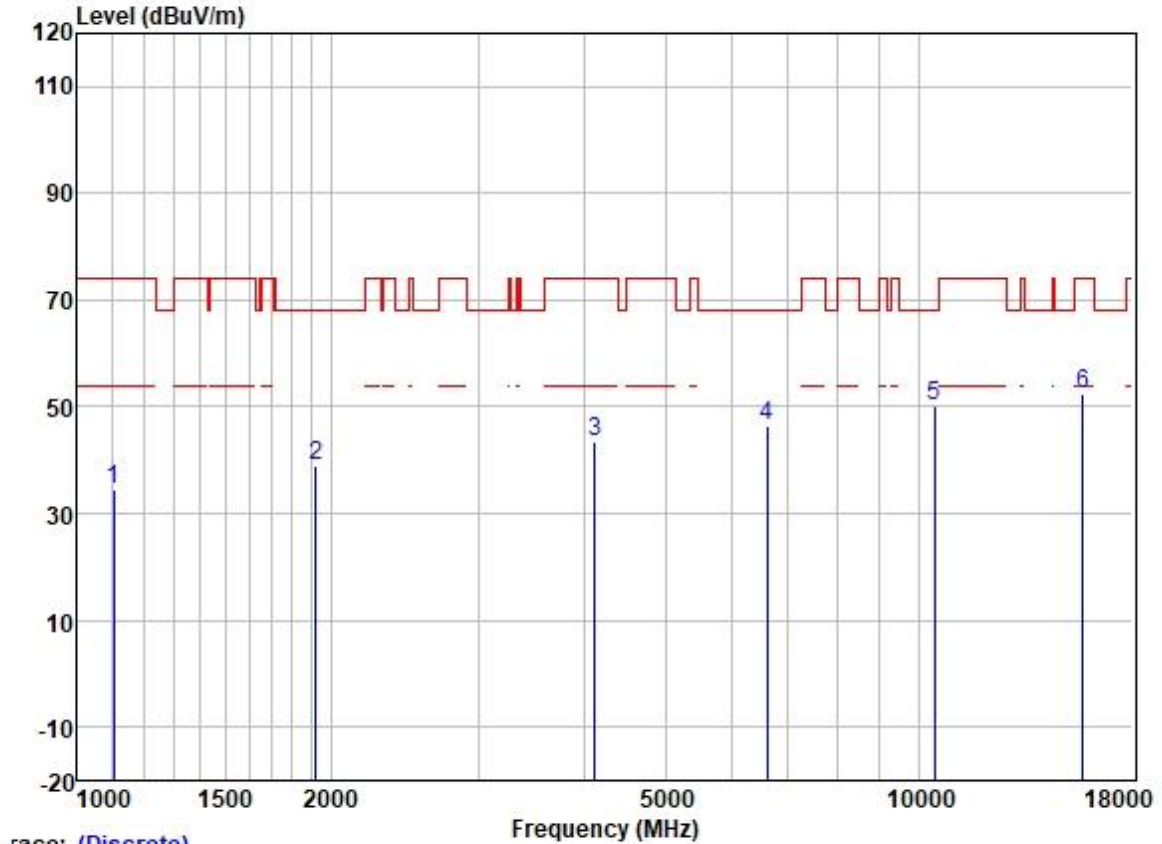
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Test Mode: 34; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



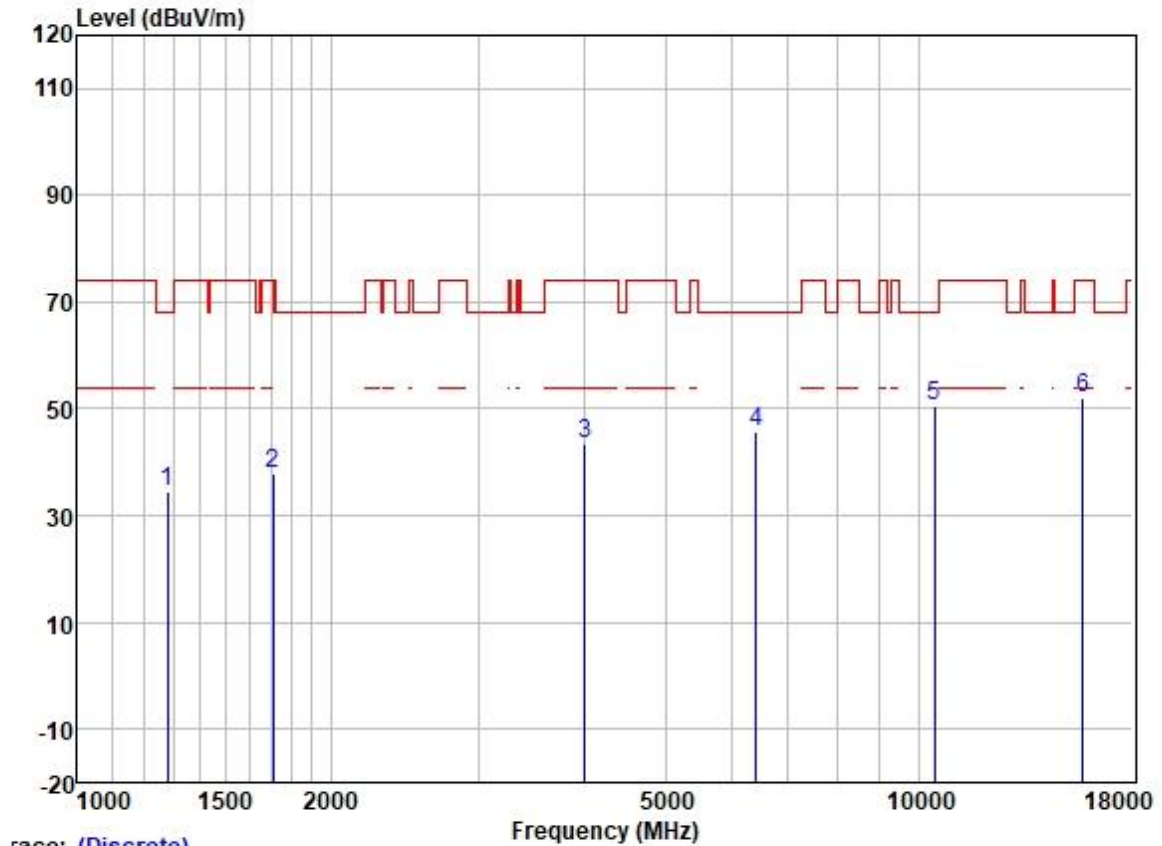
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1256.210	46.12	25.05	2.38	38.35	35.20	68.20	-33.00	VERTICAL Peak
2	1808.025	46.96	25.95	2.99	37.81	38.09	68.20	-30.11	VERTICAL Peak
3	3119.439	49.43	28.50	3.94	37.14	44.73	68.20	-23.47	VERTICAL Peak
4	5018.178	45.11	31.70	5.69	36.85	45.65	74.00	-28.35	VERTICAL Peak
5	10380.000	40.70	39.33	7.32	37.37	49.98	68.20	-18.22	VERTICAL Peak
6	15570.000	39.68	38.99	9.88	35.39	53.16	74.00	-20.84	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1105.079	46.14	24.38	2.28	38.45	34.35	74.00	-39.65	HORIZONTAL Peak
2	1919.577	47.70	26.06	2.94	37.74	38.96	68.20	-29.24	HORIZONTAL Peak
3	4118.957	45.69	29.98	4.60	36.80	43.47	74.00	-30.53	HORIZONTAL Peak
4	6604.585	43.59	34.16	5.84	37.04	46.55	68.20	-21.65	HORIZONTAL Peak
5	10460.000	40.62	39.42	7.37	37.36	50.05	68.20	-18.15	HORIZONTAL Peak
6	15690.000	38.99	38.86	9.87	35.39	52.33	74.00	-21.67	HORIZONTAL Peak

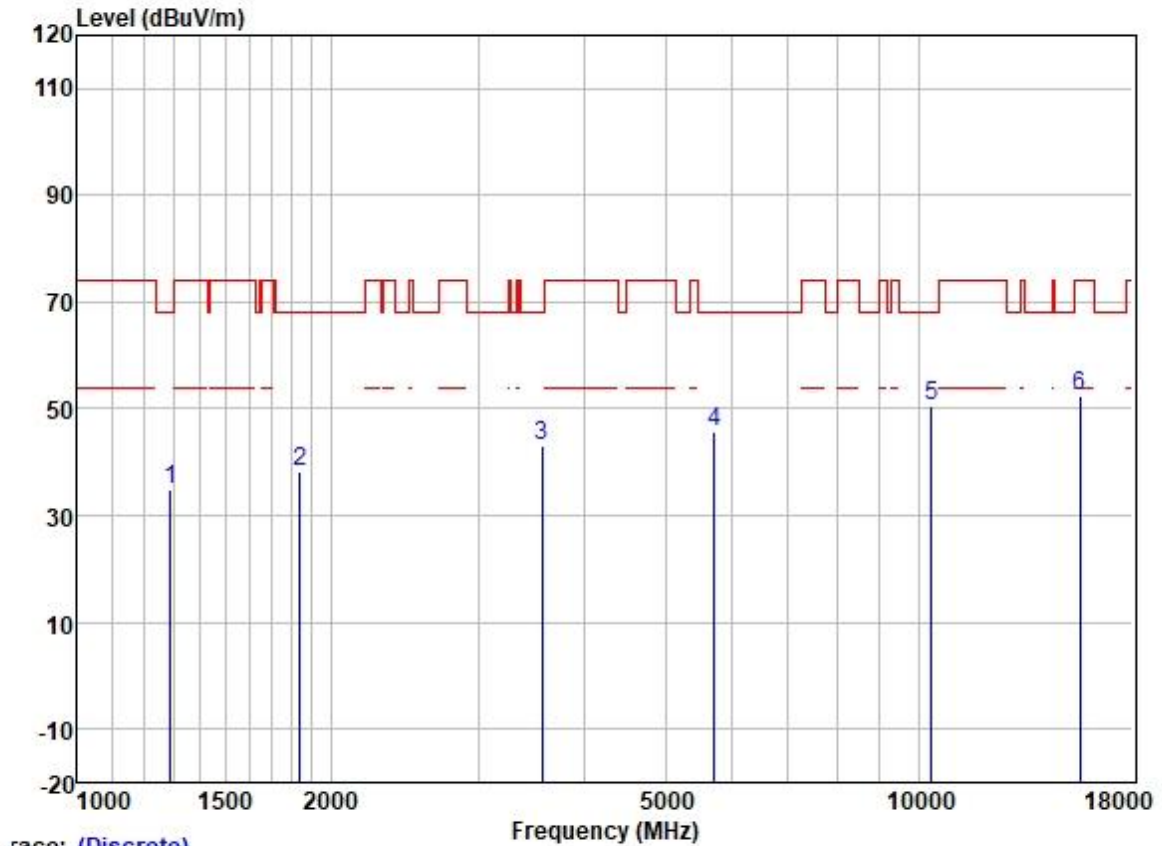
Test Mode: 34; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

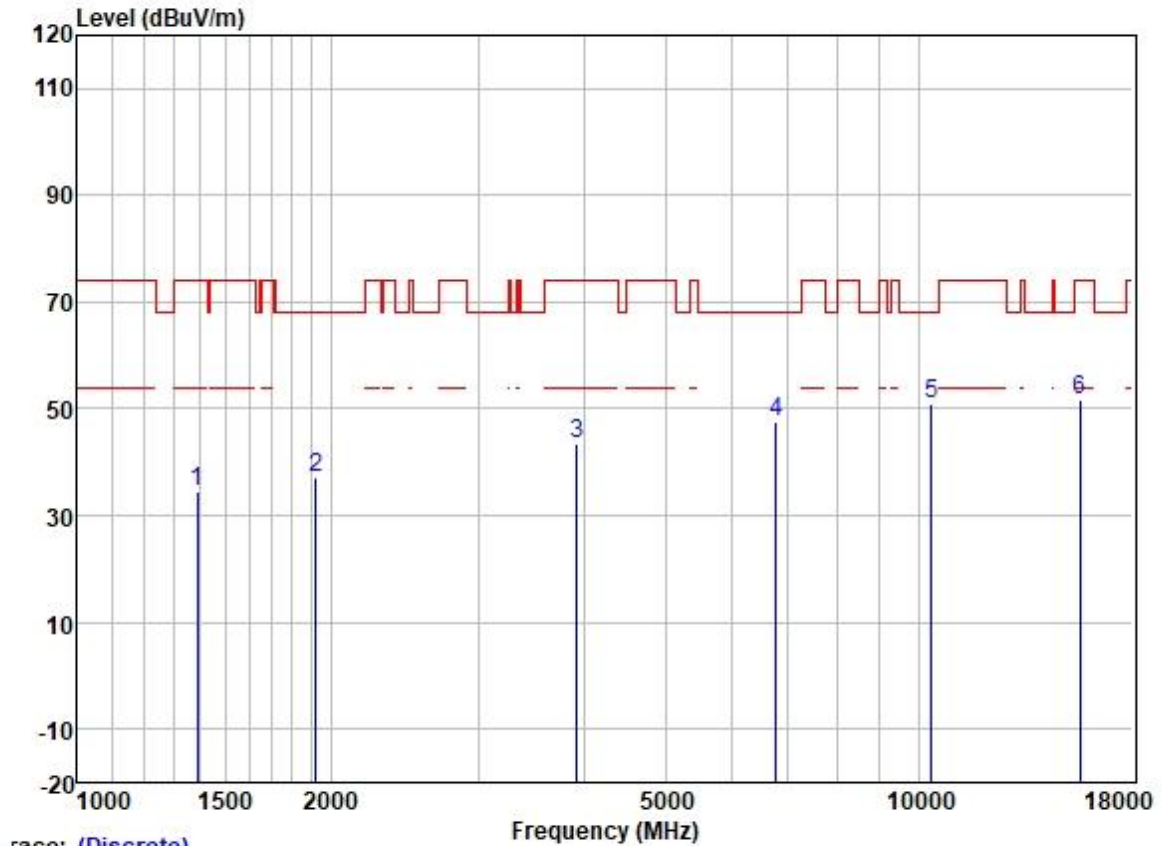
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1278.854	45.33	25.14	2.50	38.33	34.64	68.20	-33.56	VERTICAL Peak
2	1708.145	47.13	25.73	2.81	37.89	37.78	74.00	-36.22	VERTICAL Peak
3	4011.218	45.87	29.82	4.60	36.80	43.49	74.00	-30.51	VERTICAL Peak
4	6410.080	43.07	33.79	5.89	36.98	45.77	68.20	-22.43	VERTICAL Peak
5	10460.000	41.11	39.42	7.37	37.36	50.54	68.20	-17.66	VERTICAL Peak
6	15690.000	38.63	38.86	9.87	35.39	51.97	74.00	-22.03	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



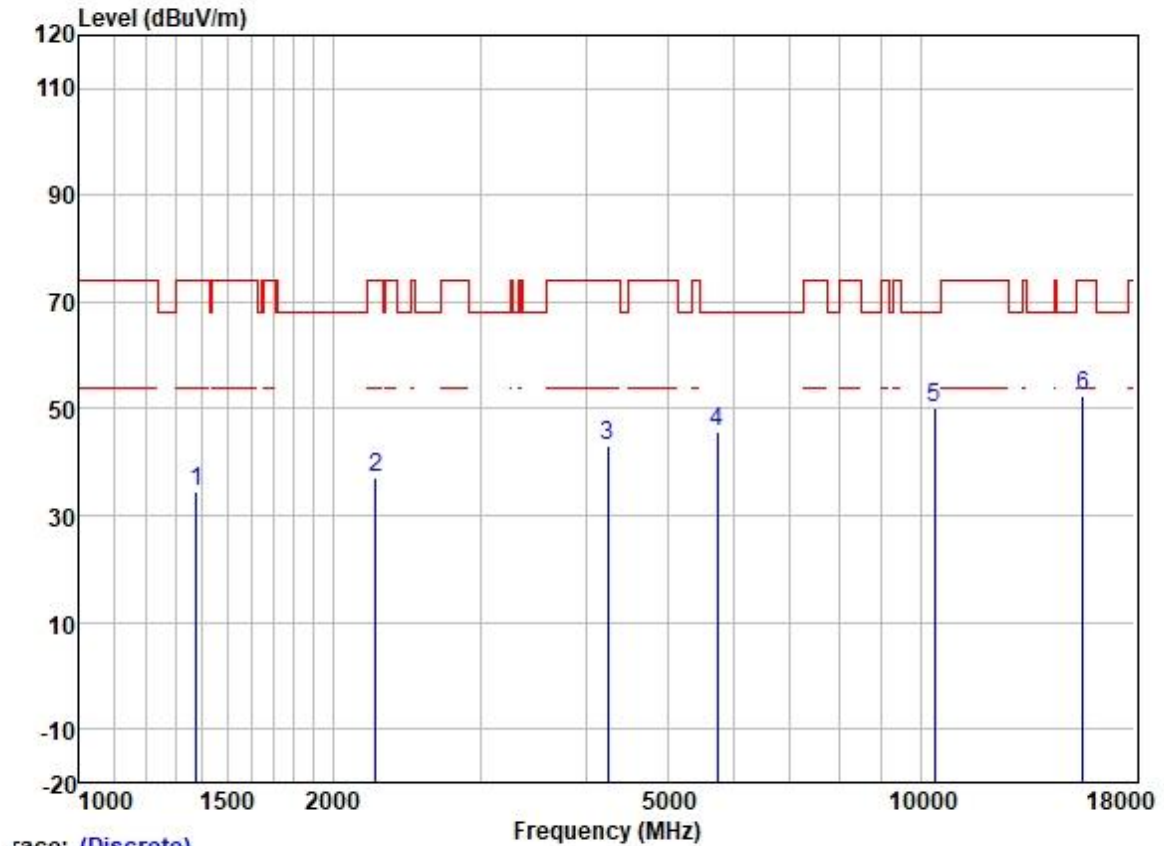
		Read	Antenna	Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1290.128	45.49	25.17	2.55	38.31	34.90	68.20	-33.30	HORIZONTAL	Peak
2	1837.145	47.05	25.98	2.96	37.80	38.19	68.20	-30.01	HORIZONTAL	Peak
3	3567.204	46.60	28.99	4.45	36.92	43.12	68.20	-25.08	HORIZONTAL	Peak
4	5715.138	44.16	32.04	6.33	36.89	45.64	68.20	-22.56	HORIZONTAL	Peak
5	10360.000	41.28	39.28	7.29	37.37	50.48	68.20	-17.72	HORIZONTAL	Peak
6	15540.000	38.74	39.05	9.88	35.39	52.28	74.00	-21.72	HORIZONTAL	Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



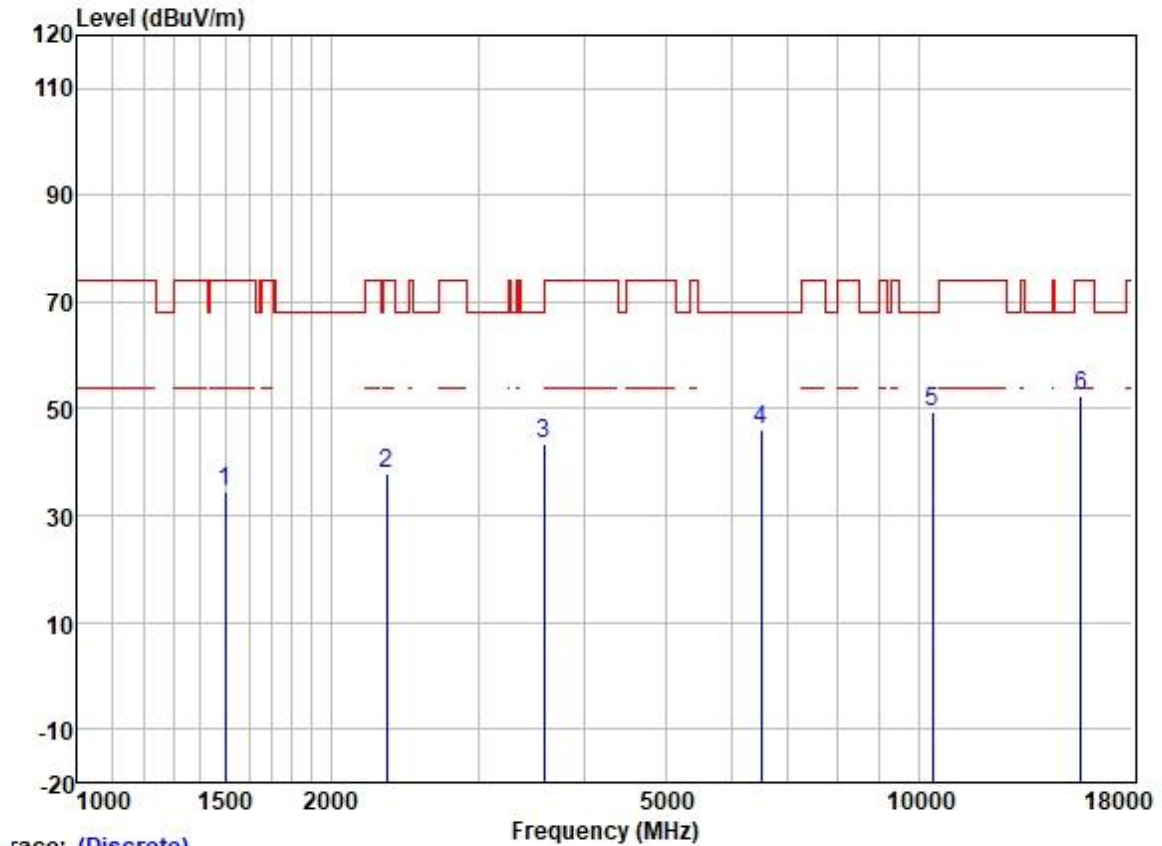
	Freq	Read	Antenna	Cable	Preamp		Limit	Over		
	MHz	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1389.588	44.87	25.38	2.60	38.22	34.63	74.00	-39.37	VERTICAL	Peak
2	1920.986	45.90	26.06	2.94	37.74	37.16	68.20	-31.04	VERTICAL	Peak
3	3928.128	45.90	29.72	4.60	36.82	43.40	74.00	-30.60	VERTICAL	Peak
4	6779.870	44.16	34.61	5.82	37.11	47.48	68.20	-20.72	VERTICAL	Peak
5	10360.000	41.57	39.28	7.29	37.37	50.77	68.20	-17.43	VERTICAL	Peak
6	15540.000	38.23	39.05	9.88	35.39	51.77	74.00	-22.23	VERTICAL	Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



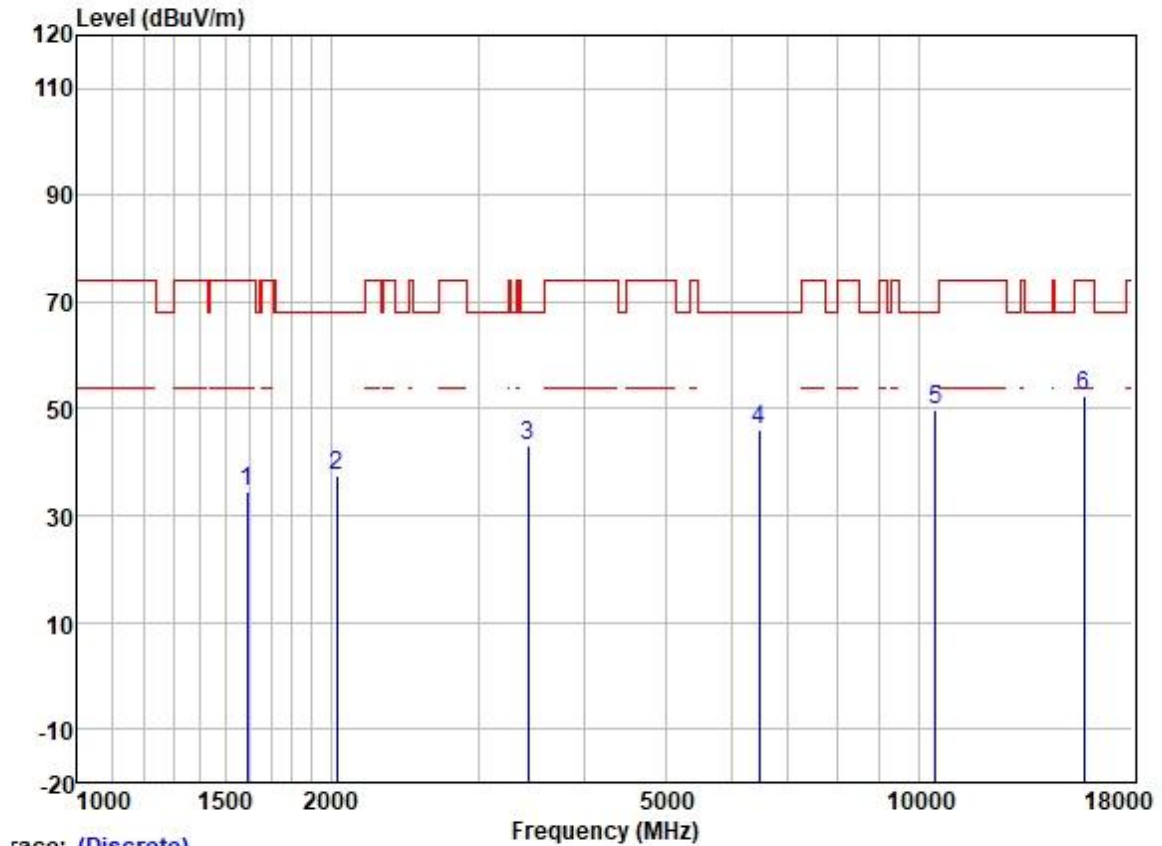
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1376.828	44.65	25.36	2.60	38.25	34.36	74.00	-39.64	HORIZONTAL Peak
2	2251.790	44.71	26.92	3.26	37.64	37.25	74.00	-36.75	HORIZONTAL Peak
3	4248.319	45.08	30.30	4.62	36.81	43.19	74.00	-30.81	HORIZONTAL Peak
4	5732.703	44.41	32.07	6.25	36.89	45.84	68.20	-22.36	HORIZONTAL Peak
5	10400.000	41.05	39.33	7.32	37.36	50.34	68.20	-17.86	HORIZONTAL Peak
6	15600.000	38.81	38.99	9.88	35.39	52.29	74.00	-21.71	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



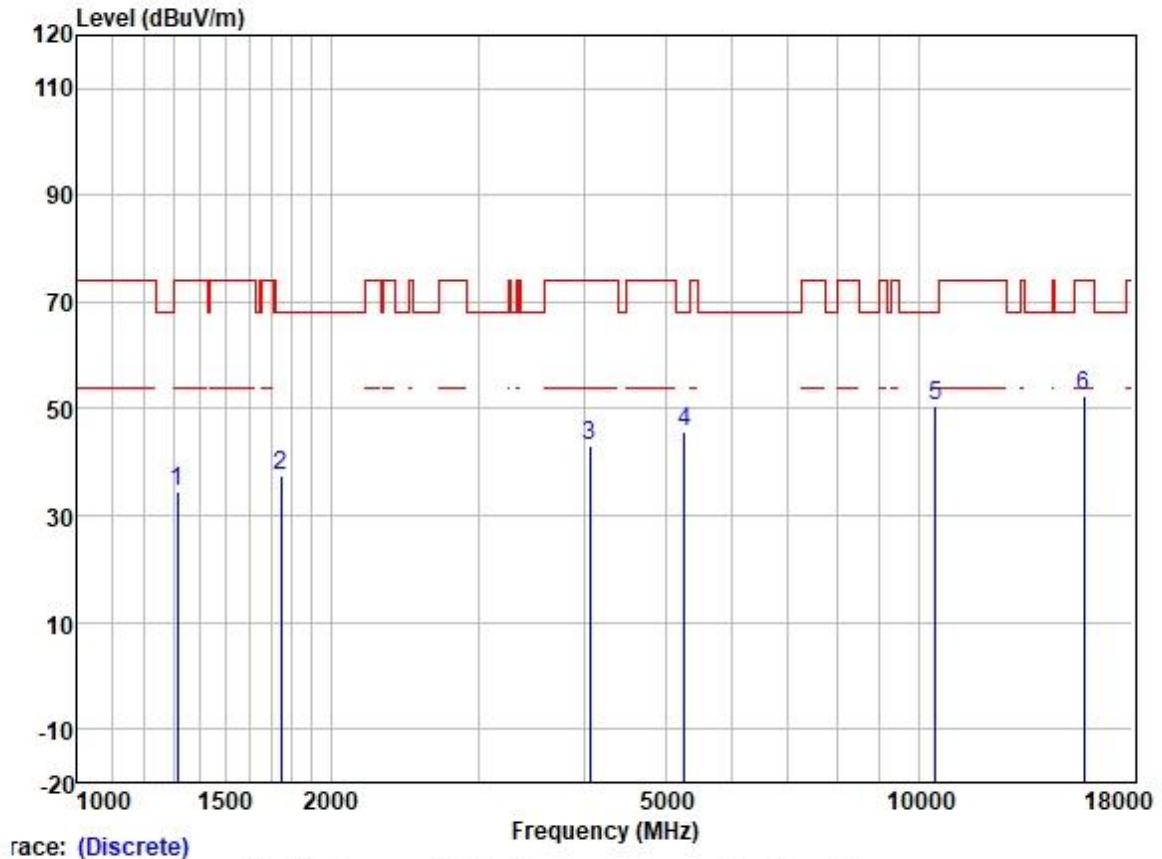
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1499.132	44.34	25.50	2.80	38.10	34.54	74.00	-39.46	VERTICAL Peak
2	2334.213	45.04	27.20	3.36	37.62	37.98	74.00	-36.02	VERTICAL Peak
3	3586.177	47.06	29.02	4.49	36.92	43.65	68.20	-24.55	VERTICAL Peak
4	6496.298	43.11	33.96	5.85	37.01	45.91	68.20	-22.29	VERTICAL Peak
5	10400.000	40.27	39.33	7.32	37.36	49.56	68.20	-18.64	VERTICAL Peak
6	15600.000	38.76	38.99	9.88	35.39	52.24	74.00	-21.76	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



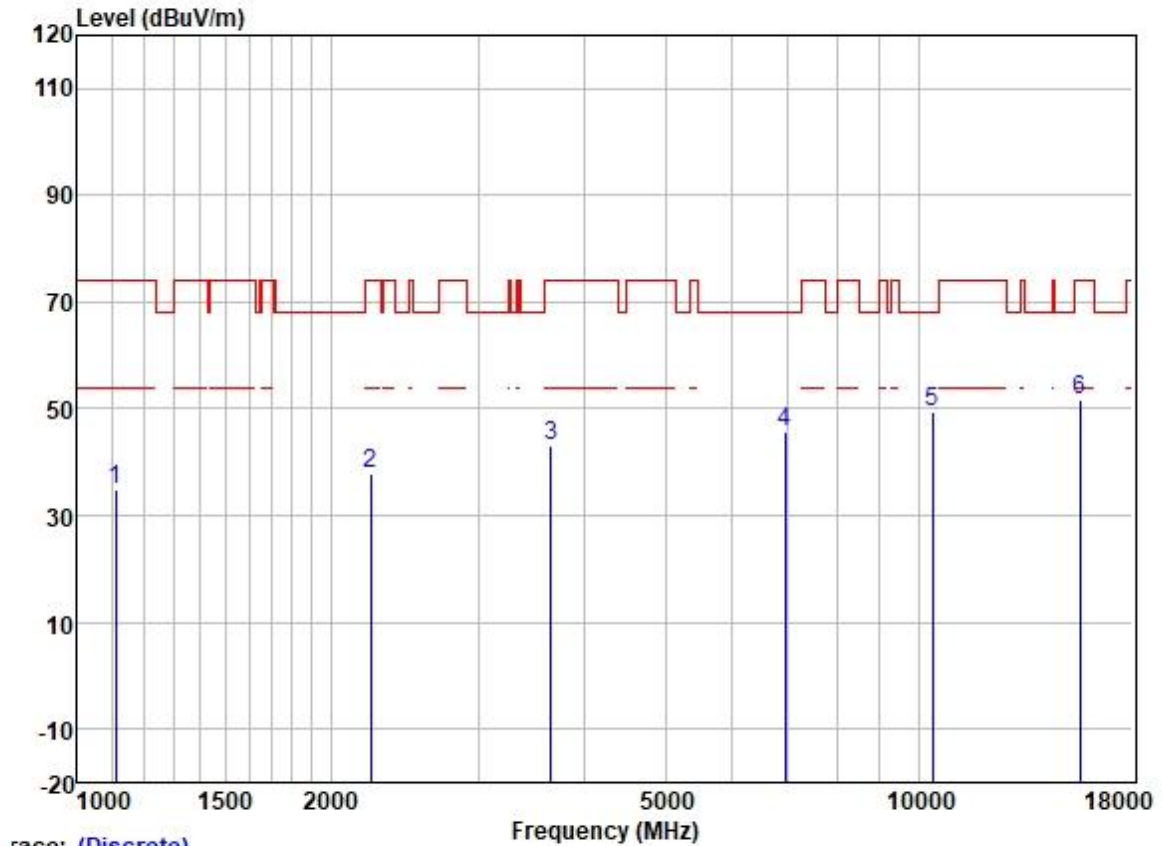
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1591.886	44.20	25.57	2.80	37.98	34.59	74.00	-39.41	HORIZONTAL Peak
2	2035.543	45.78	26.16	3.11	37.69	37.36	68.20	-30.84	HORIZONTAL Peak
3	3432.685	47.13	28.87	4.16	36.97	43.19	68.20	-25.01	HORIZONTAL Peak
4	6465.905	43.26	33.92	5.86	37.00	46.04	68.20	-22.16	HORIZONTAL Peak
5	10480.000	40.36	39.46	7.40	37.36	49.86	68.20	-18.34	HORIZONTAL Peak
6	15720.000	39.05	38.78	9.87	35.39	52.31	74.00	-21.69	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; 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	1316.544	45.00	25.24	2.60	38.29	34.55	74.00	-39.45	VERTICAL	Peak
2	1744.353	46.60	25.83	2.87	37.85	37.45	68.20	-30.75	VERTICAL	Peak
3	4063.931	45.59	29.88	4.60	36.80	43.27	74.00	-30.73	VERTICAL	Peak
4	5264.851	45.11	31.75	5.80	36.87	45.79	68.20	-22.41	VERTICAL	Peak
5	10480.000	40.89	39.46	7.40	37.36	50.39	68.20	-17.81	VERTICAL	Peak
6	15720.000	38.99	38.78	9.87	35.39	52.25	74.00	-21.75	VERTICAL	Peak

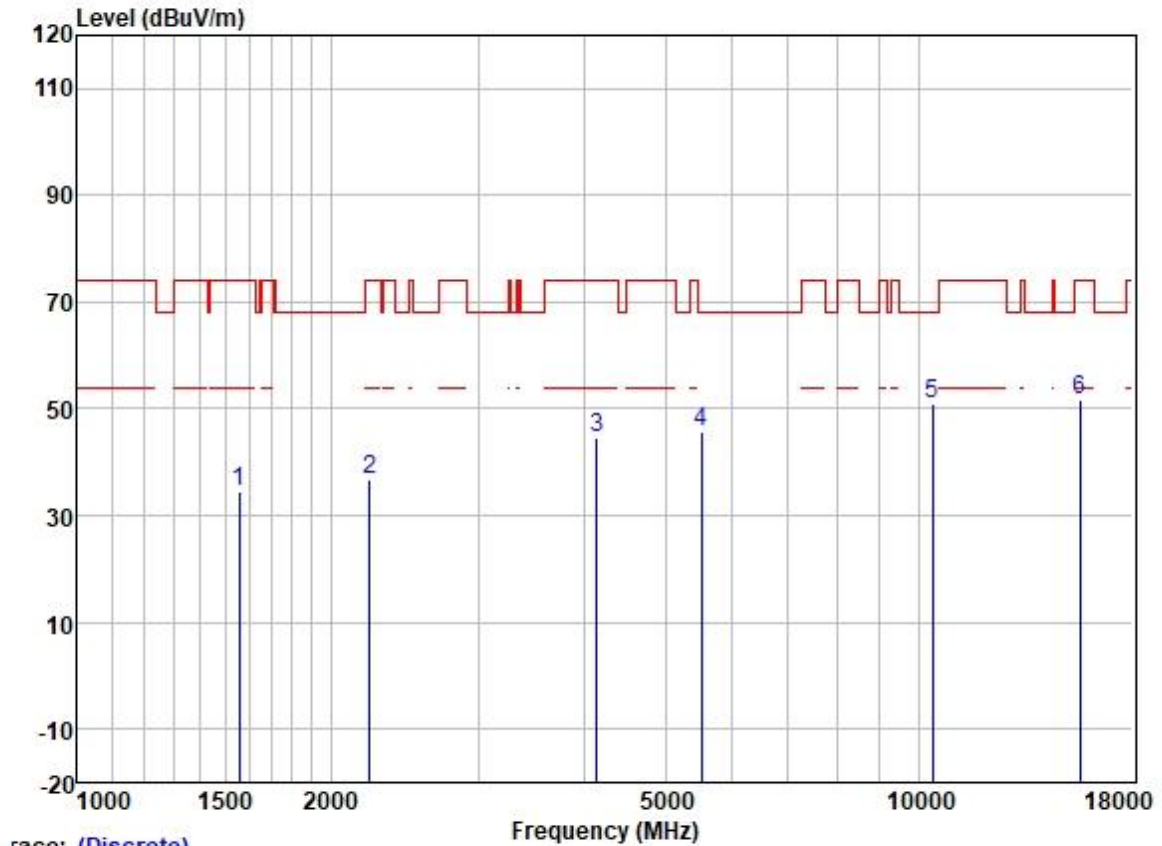
Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

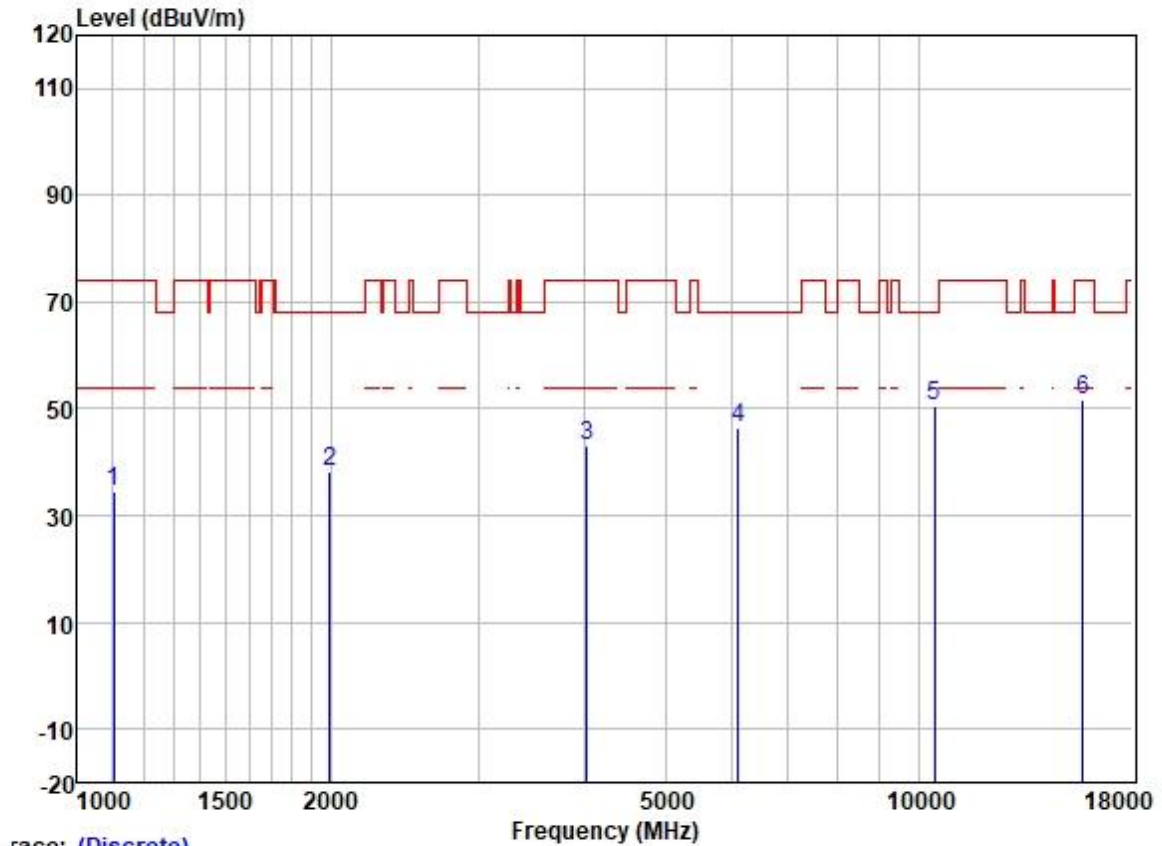
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1111.017	46.50	24.39	2.27	38.45	34.71	74.00	-39.29	HORIZONTAL Peak
2	2232.531	45.40	26.80	3.23	37.64	37.79	74.00	-36.21	HORIZONTAL Peak
3	3660.502	46.20	29.15	4.53	36.89	42.99	74.00	-31.01	HORIZONTAL Peak
4	6950.225	42.24	34.95	5.81	37.21	45.79	68.20	-22.41	HORIZONTAL Peak
5	10380.000	40.28	39.33	7.32	37.37	49.56	68.20	-18.64	HORIZONTAL Peak
6	15570.000	38.13	38.99	9.88	35.39	51.61	74.00	-22.39	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



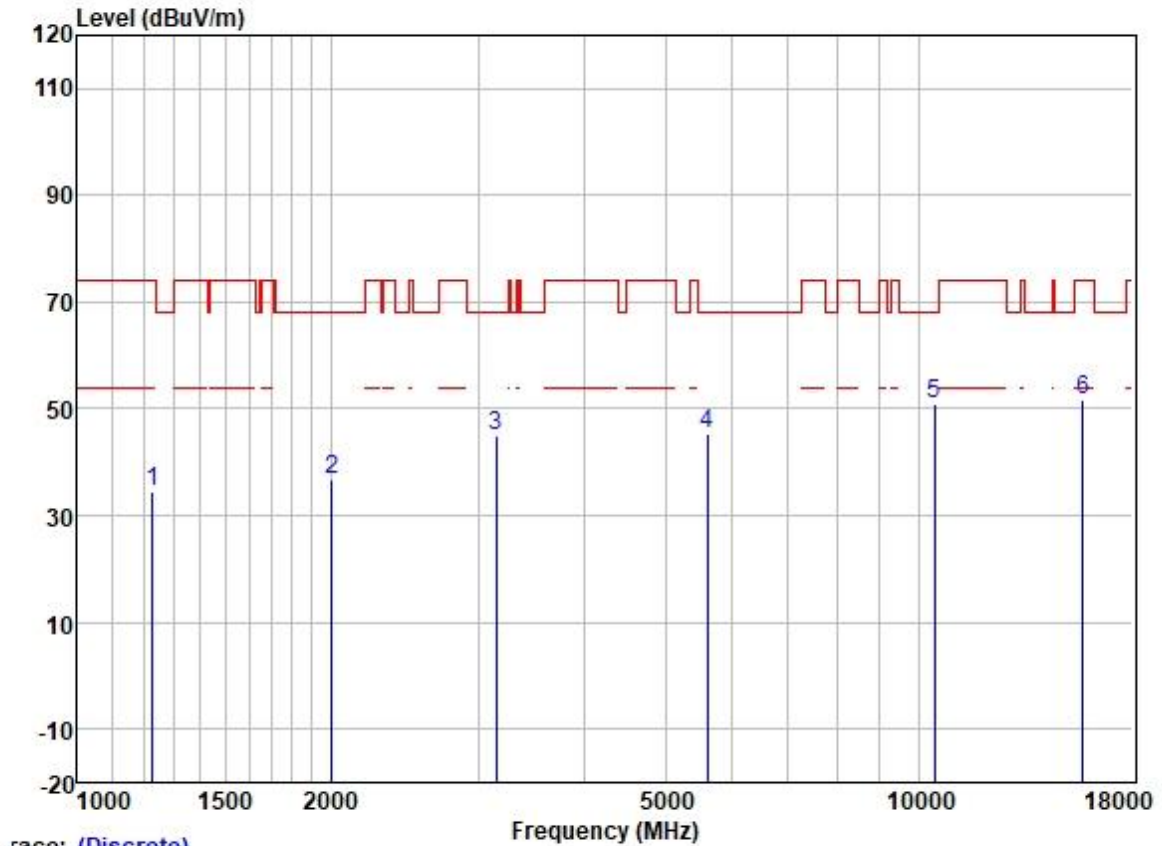
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1557.349	44.38	25.54	2.80	38.03	34.69	74.00	-39.31	VERTICAL Peak
2	2227.058	44.44	26.76	3.23	37.64	36.79	74.00	-37.21	VERTICAL Peak
3	4142.911	46.61	30.03	4.60	36.80	44.44	74.00	-29.56	VERTICAL Peak
4	5518.246	44.46	31.81	6.38	36.89	45.76	68.20	-22.44	VERTICAL Peak
5	10380.000	41.65	39.33	7.32	37.37	50.93	68.20	-17.27	VERTICAL Peak
6	15570.000	38.21	38.99	9.88	35.39	51.69	74.00	-22.31	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1104.242	46.41	24.37	2.29	38.45	34.62	74.00	-39.38	HORIZONTAL Peak
2	1995.074	46.77	26.10	3.09	37.70	38.26	68.20	-29.94	HORIZONTAL Peak
3	4038.494	45.49	29.85	4.60	36.80	43.14	74.00	-30.86	HORIZONTAL Peak
4	6100.396	44.41	32.66	6.14	36.92	46.29	68.20	-21.91	HORIZONTAL Peak
5	10460.000	40.96	39.42	7.37	37.36	50.39	68.20	-17.81	HORIZONTAL Peak
6	15690.000	38.31	38.86	9.87	35.39	51.65	74.00	-22.35	HORIZONTAL Peak

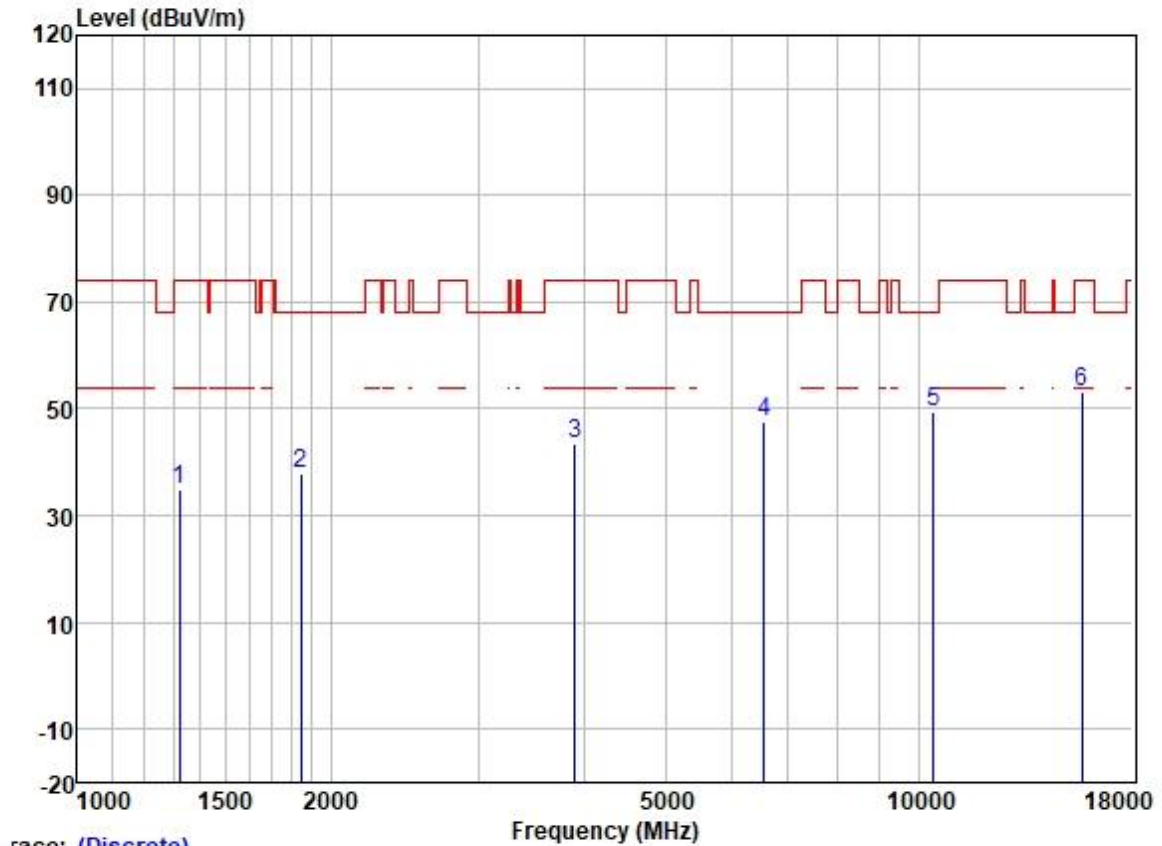
Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



Trace: (Discrete)

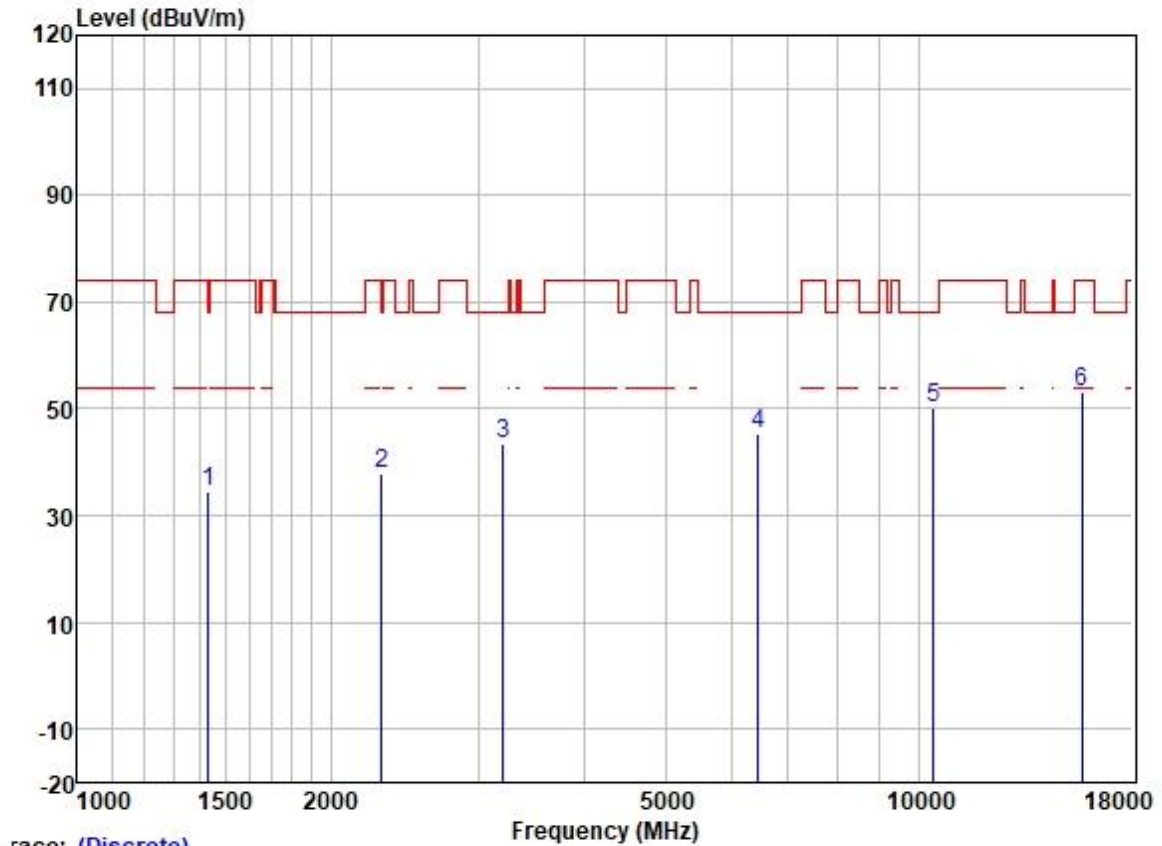
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1227.837	45.69	24.88	2.31	38.37	34.51	74.00	-39.49	VERTICAL Peak
2	2009.192	45.21	26.11	3.10	37.70	36.72	68.20	-31.48	VERTICAL Peak
3	3148.448	49.48	28.52	3.96	37.12	44.84	68.20	-23.36	VERTICAL Peak
4	5609.420	44.04	31.91	6.32	36.89	45.38	68.20	-22.82	VERTICAL Peak
5	10460.000	41.34	39.42	7.37	37.36	50.77	68.20	-17.43	VERTICAL Peak
6	15690.000	38.45	38.86	9.87	35.39	51.79	74.00	-22.21	VERTICAL Peak

Test Mode: 34; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



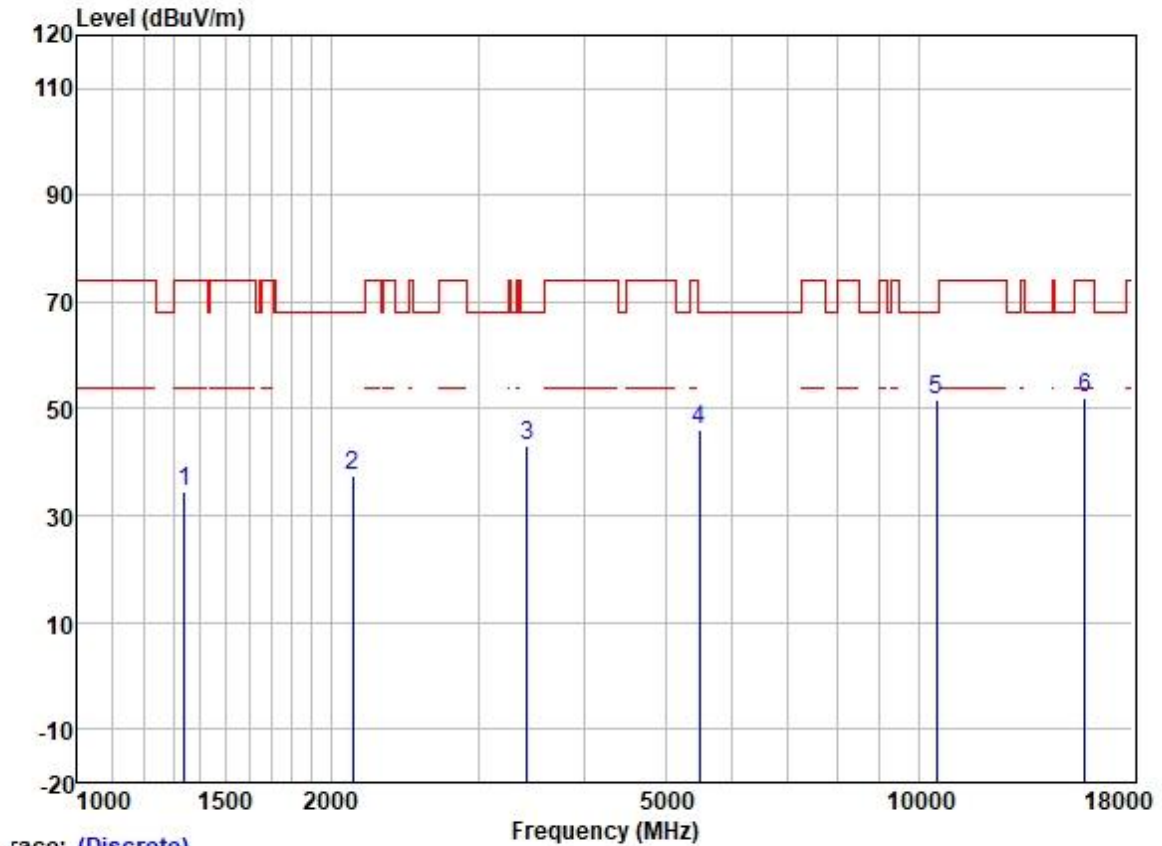
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1322.834	45.22	25.26	2.60	38.29	34.79	74.00	-39.21	HORIZONTAL Peak
2	1845.248	46.87	25.99	2.95	37.78	38.03	68.20	-30.17	HORIZONTAL Peak
3	3902.156	46.03	29.69	4.60	36.82	43.50	74.00	-30.50	HORIZONTAL Peak
4	6563.347	44.66	34.09	5.84	37.03	47.56	68.20	-20.64	HORIZONTAL Peak
5	10420.000	39.90	39.38	7.35	37.36	49.27	68.20	-18.93	HORIZONTAL Peak
6	15630.000	39.75	38.92	9.87	35.39	53.15	74.00	-20.85	HORIZONTAL Peak

Test Mode: 34; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



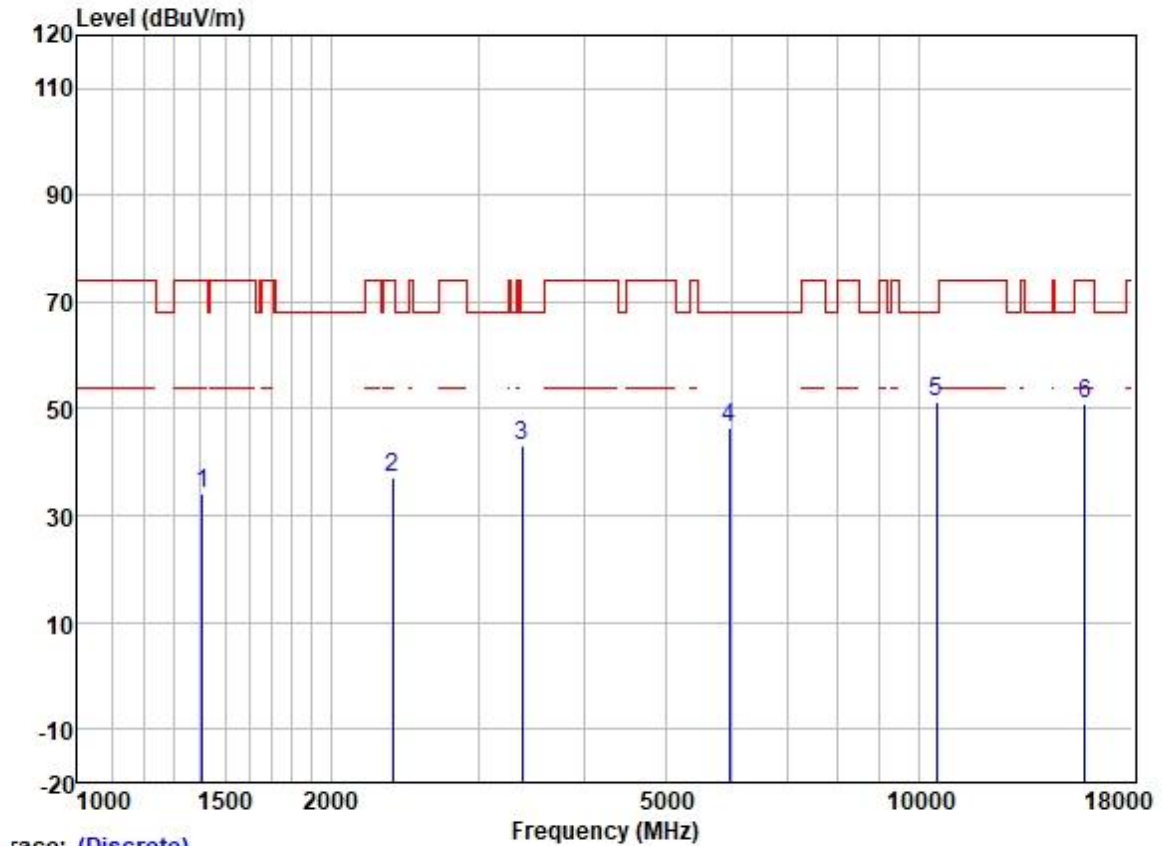
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1431.691	44.58	25.43	2.66	38.20	34.47	68.20	-33.73	VERTICAL Peak
2	2297.206	44.91	27.11	3.30	37.62	37.70	74.00	-36.30	VERTICAL Peak
3	3211.840	47.81	28.61	4.01	37.09	43.34	68.20	-24.86	VERTICAL Peak
4	6451.267	42.51	33.88	5.87	37.00	45.26	68.20	-22.94	VERTICAL Peak
5	10420.000	41.00	39.38	7.35	37.36	50.37	68.20	-17.83	VERTICAL Peak
6	15630.000	39.89	38.92	9.87	35.39	53.29	74.00	-20.71	VERTICAL Peak

Test Mode: 36; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



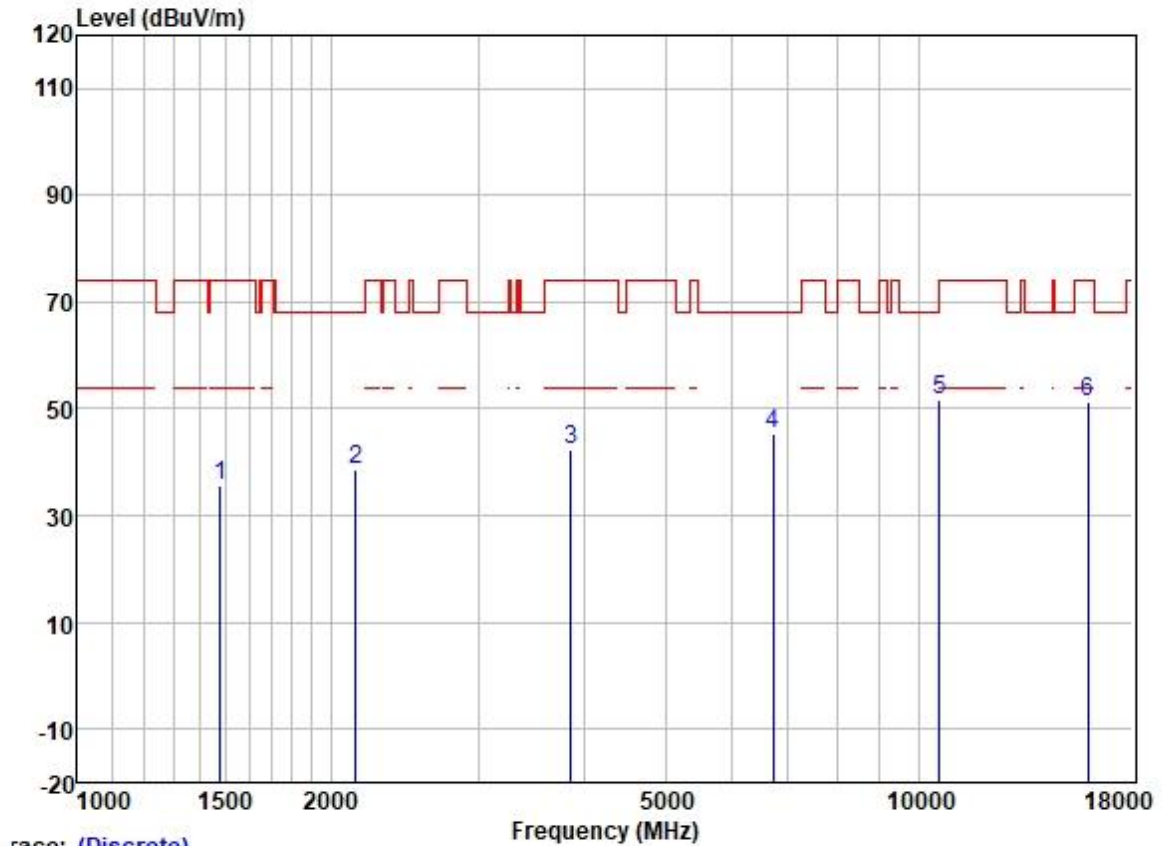
		ReadAntenna		Cable	Preamp		Limit	Over		
	Freq	Level	Factor	Loss	Factor	Level	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB		
1	1340.674	44.92	25.29	2.60	38.27	34.54	74.00	-39.46	HORIZONTAL	Peak
2	2127.884	45.76	26.36	3.17	37.67	37.62	68.20	-30.58	HORIZONTAL	Peak
3	3427.975	47.23	28.86	4.15	36.97	43.27	68.20	-24.93	HORIZONTAL	Peak
4	5488.676	44.72	31.80	6.36	36.88	46.00	68.20	-22.20	HORIZONTAL	Peak
5	10520.000	42.08	39.50	7.42	37.35	51.65	68.20	-16.55	HORIZONTAL	Peak
6	15780.000	38.75	38.70	9.86	35.39	51.92	74.00	-22.08	HORIZONTAL	Peak

Test Mode: 36; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



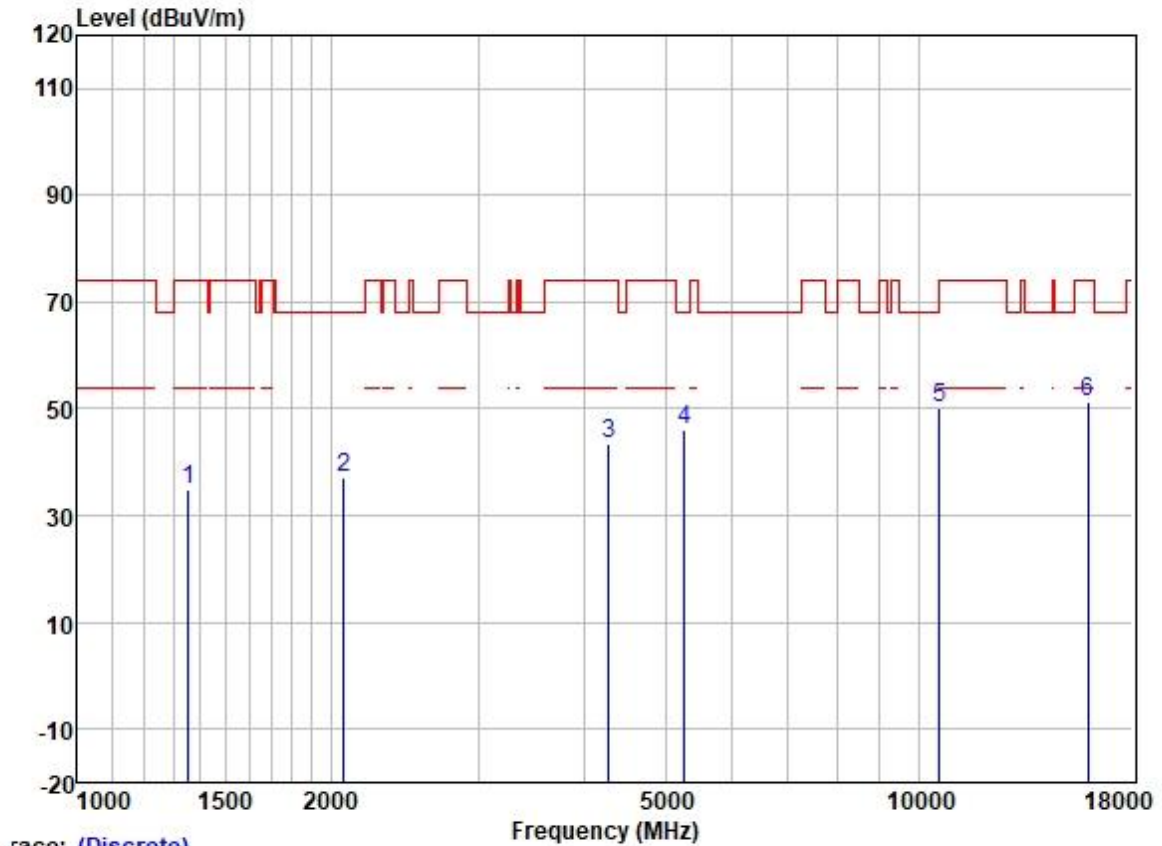
	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1409.574	44.45	25.40	2.62	38.22	34.25	74.00	-39.75	VERTICAL Peak
2	2367.289	44.03	27.28	3.43	37.60	37.14	74.00	-36.86	VERTICAL Peak
3	3380.191	47.30	28.83	4.09	36.99	43.23	68.20	-24.97	VERTICAL Peak
4	5954.557	44.76	32.36	6.05	36.90	46.27	68.20	-21.93	VERTICAL Peak
5	10520.000	41.87	39.50	7.42	37.35	51.44	68.20	-16.76	VERTICAL Peak
6	15780.000	37.76	38.70	9.86	35.39	50.93	74.00	-23.07	VERTICAL Peak

Test Mode: 36; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



	Freq	Read	Antenna	Cable	Preamp	Limit	Over		
	MHz	Level	Factor	Loss	Factor	Line	Limit	Pol/Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dB	
1	1478.068	45.37	25.48	2.77	38.13	35.49	74.00	-38.51	HORIZONTAL Peak
2	2142.414	46.64	26.41	3.18	37.66	38.57	68.20	-29.63	HORIZONTAL Peak
3	3865.970	44.86	29.64	4.60	36.83	42.27	74.00	-31.73	HORIZONTAL Peak
4	6720.707	42.31	34.44	5.83	37.09	45.49	68.20	-22.71	HORIZONTAL Peak
5	10600.000	41.93	39.59	7.46	37.34	51.64	68.20	-16.56	HORIZONTAL Peak
6	15900.000	38.57	38.44	9.86	35.40	51.47	74.00	-22.53	HORIZONTAL Peak

Test Mode: 36; Polarity: Vertical; Modulation:802.11a; 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	1355.914	45.12	25.32	2.60	38.27	34.77	74.00	-39.23	VERTICAL	Peak
2	2075.331	45.50	26.24	3.14	37.68	37.20	68.20	-31.00	VERTICAL	Peak
3	4285.330	45.22	30.42	4.63	36.81	43.46	74.00	-30.54	VERTICAL	Peak
4	5264.967	45.43	31.75	5.80	36.87	46.11	68.20	-22.09	VERTICAL	Peak
5	10600.000	40.55	39.59	7.46	37.34	50.26	68.20	-17.94	VERTICAL	Peak
6	15900.000	38.27	38.44	9.86	35.40	51.17	74.00	-22.83	VERTICAL	Peak