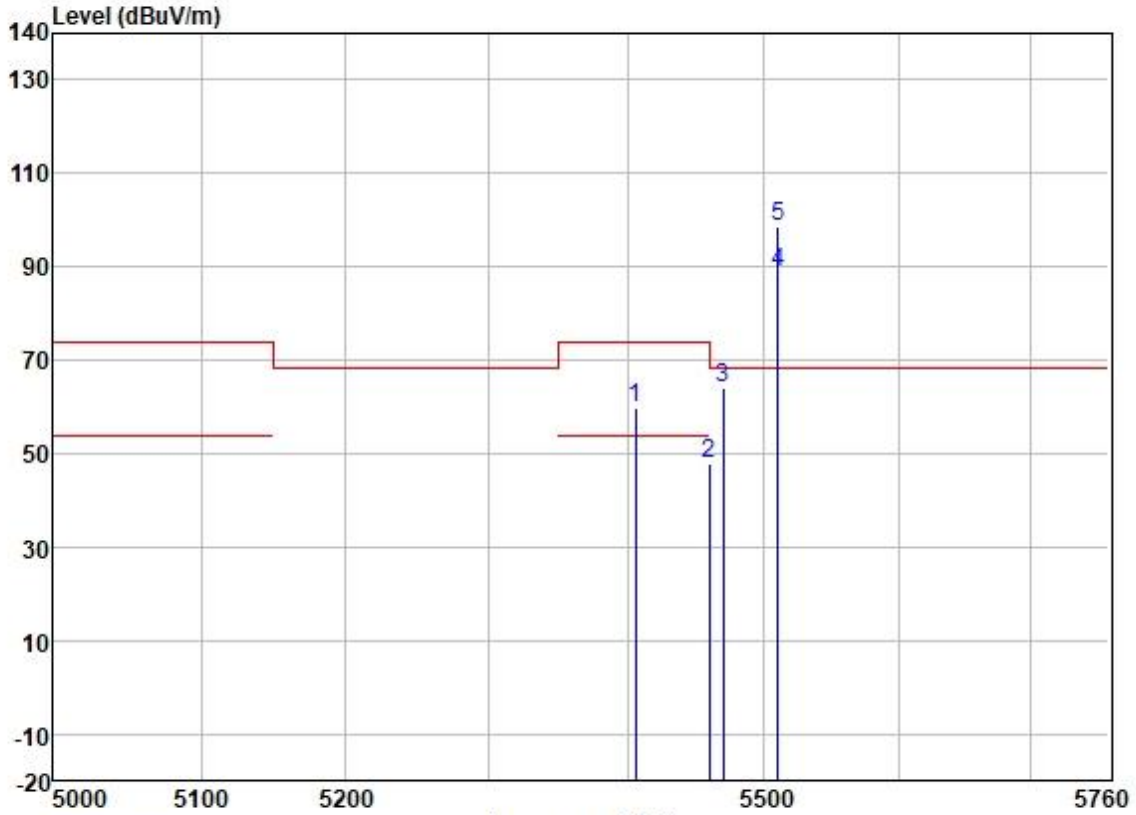
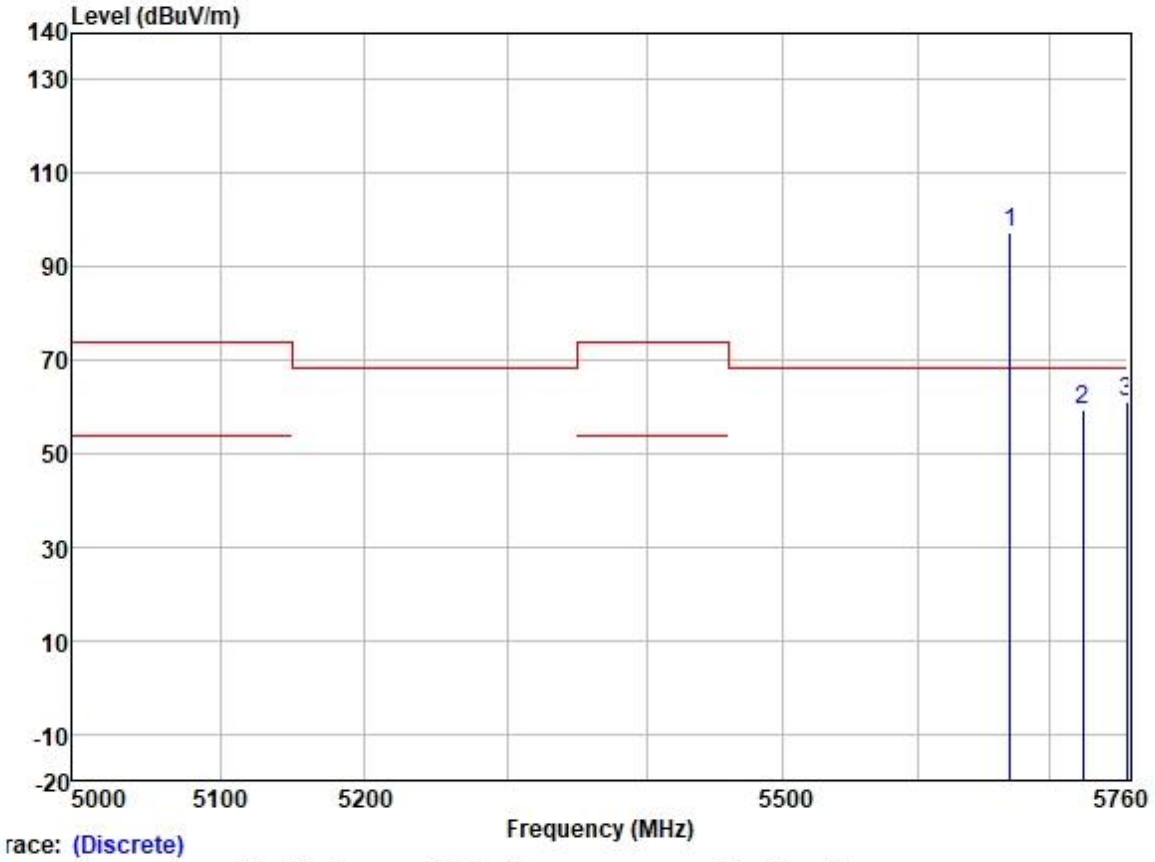
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

		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		5405.808	58.88	31.79	6.06	36.88	59.85	74.00	-14.15	VERTICAL	Peak
2		5459.202	46.73	31.79	6.26	36.88	47.90	54.00	-6.10	VERTICAL	Average
3		5469.972	62.89	31.80	6.31	36.88	64.12	68.20	-4.08	VERTICAL	Peak
4		5510.000	87.51	31.80	6.40	36.88	88.83	------	------	VERTICAL	Average
5	*	5510.000	97.18	31.80	6.40	36.88	98.50	68.20	30.30	VERTICAL	Peak

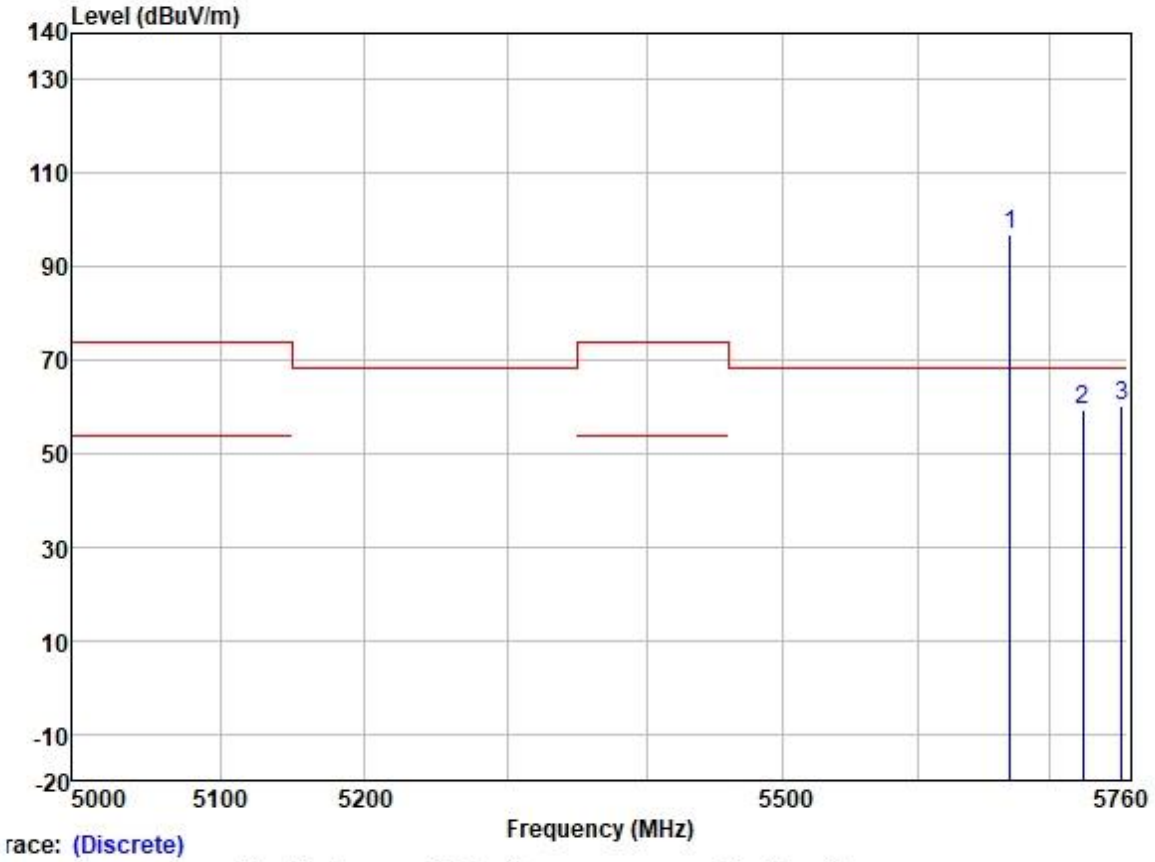
Test Mode: 09; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

		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	*	5670.000	96.07	31.97	6.37	36.89	97.52	68.20	29.32	HORIZONTAL	Peak
2		5725.000	58.12	32.07	6.25	36.89	59.55	68.20	-8.65	HORIZONTAL	Peak
3		5758.639	59.69	32.13	6.15	36.89	61.08	68.20	-7.12	HORIZONTAL	Peak

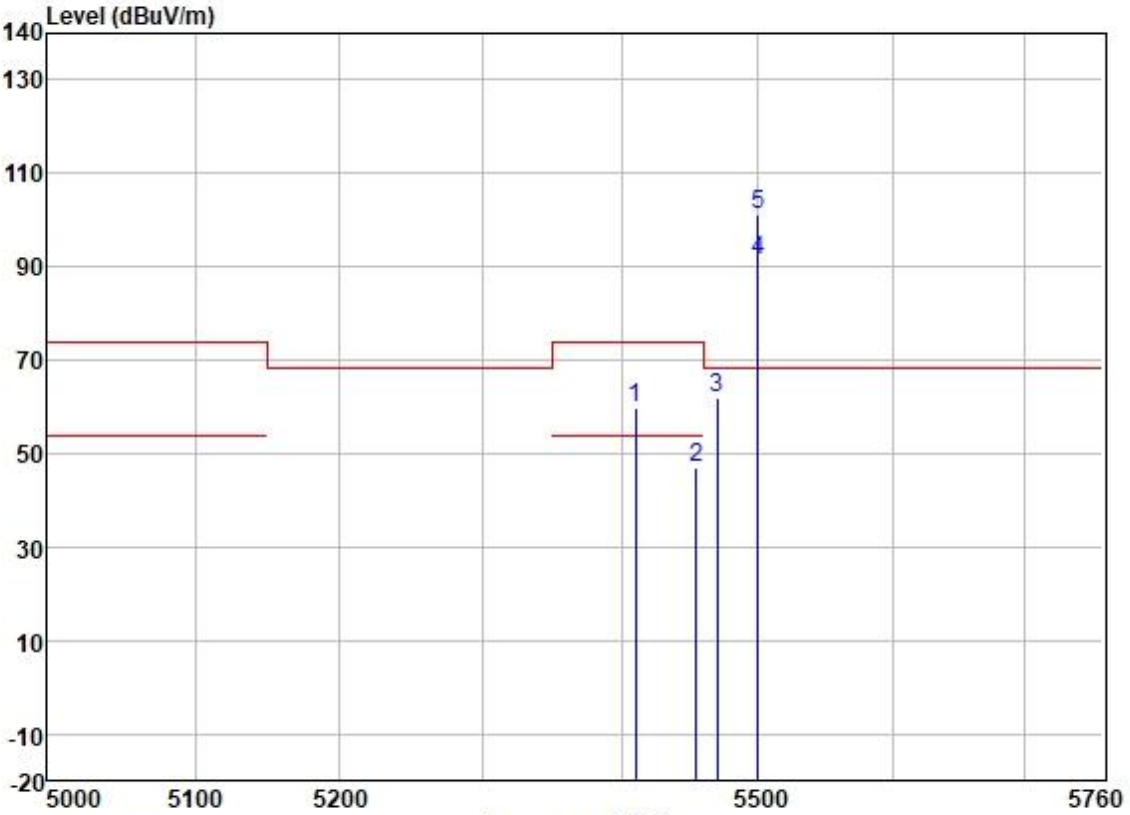
Test Mode: 09; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

		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	*	5670.000	95.25	31.97	6.37	36.89	96.70	68.20	28.50	VERTICAL	Peak
2		5725.000	57.89	32.07	6.25	36.89	59.32	68.20	-8.88	VERTICAL	Peak
3		5755.110	58.78	32.10	6.20	36.89	60.19	68.20	-8.01	VERTICAL	Peak

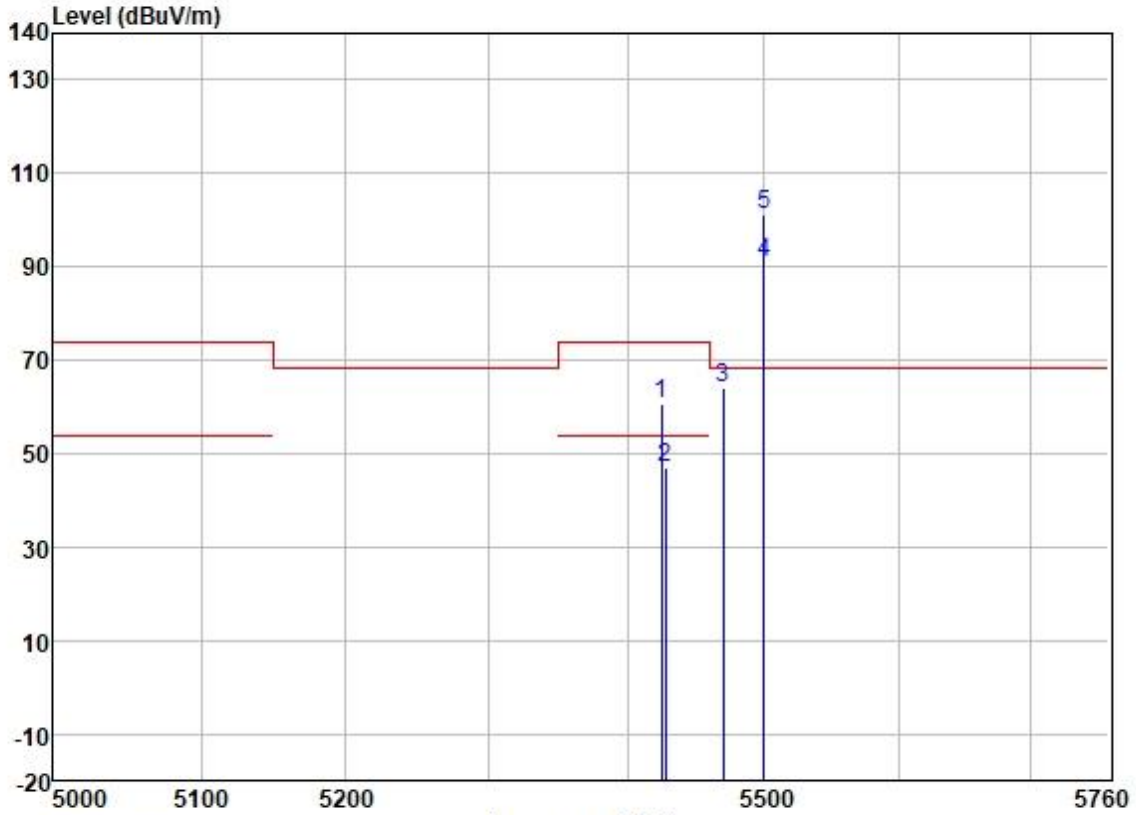
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

		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		5410.217	58.81	31.79	6.06	36.88	59.78	74.00	-14.22	HORIZONTAL	Peak
2		5454.393	45.80	31.79	6.26	36.88	46.97	54.00	-7.03	HORIZONTAL	Average
3		5469.880	60.51	31.80	6.31	36.88	61.74	68.20	-6.46	HORIZONTAL	Peak
4		5500.000	89.83	31.80	6.40	36.88	91.15	------	------	HORIZONTAL	Average
5	*	5500.000	99.68	31.80	6.40	36.88	101.00	68.20	32.80	HORIZONTAL	Peak

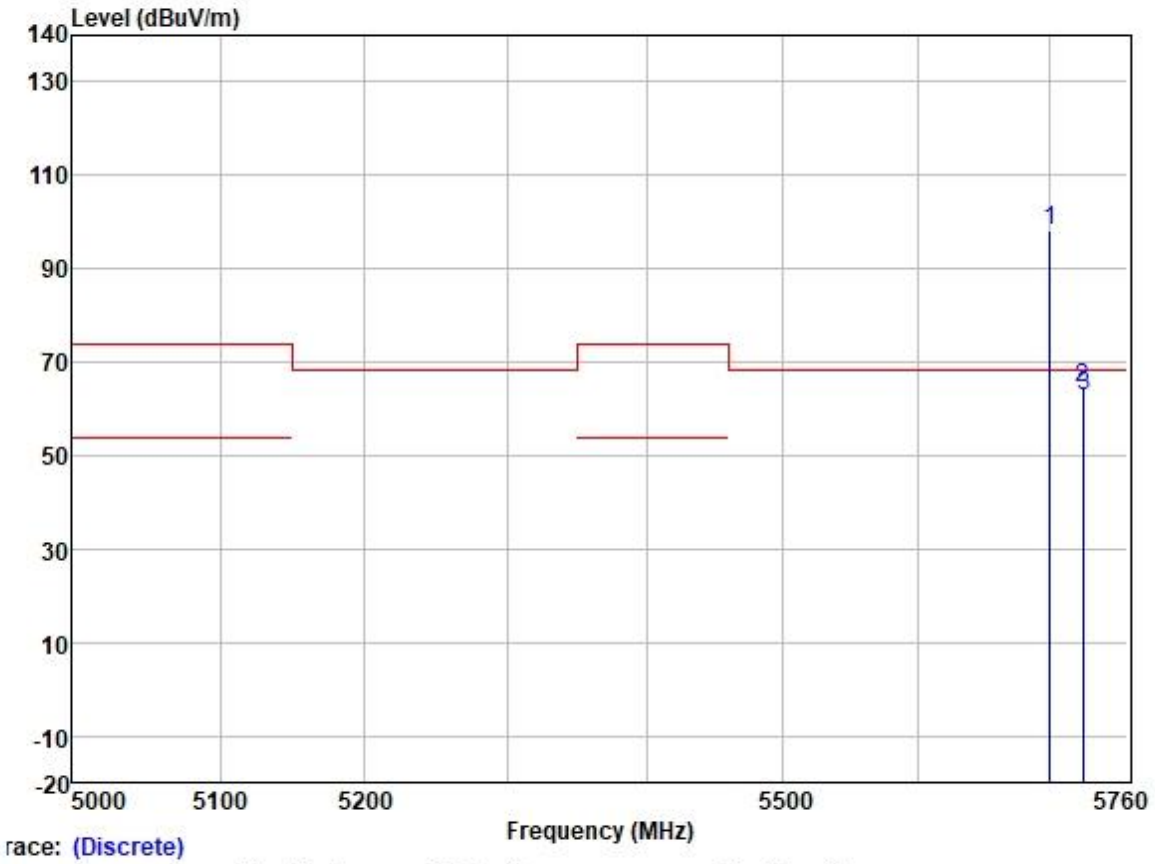
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

		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		5424.862	59.42	31.79	6.13	36.88	60.46	74.00	-13.54	VERTICAL	Peak
2		5427.248	46.06	31.79	6.13	36.88	47.10	54.00	-6.90	VERTICAL	Average
3		5469.399	62.74	31.80	6.31	36.88	63.97	68.20	-4.23	VERTICAL	Peak
4		5500.000	89.77	31.80	6.40	36.88	91.09	------	------	VERTICAL	Average
5	*	5500.000	99.88	31.80	6.40	36.88	101.20	68.20	33.00	VERTICAL	Peak

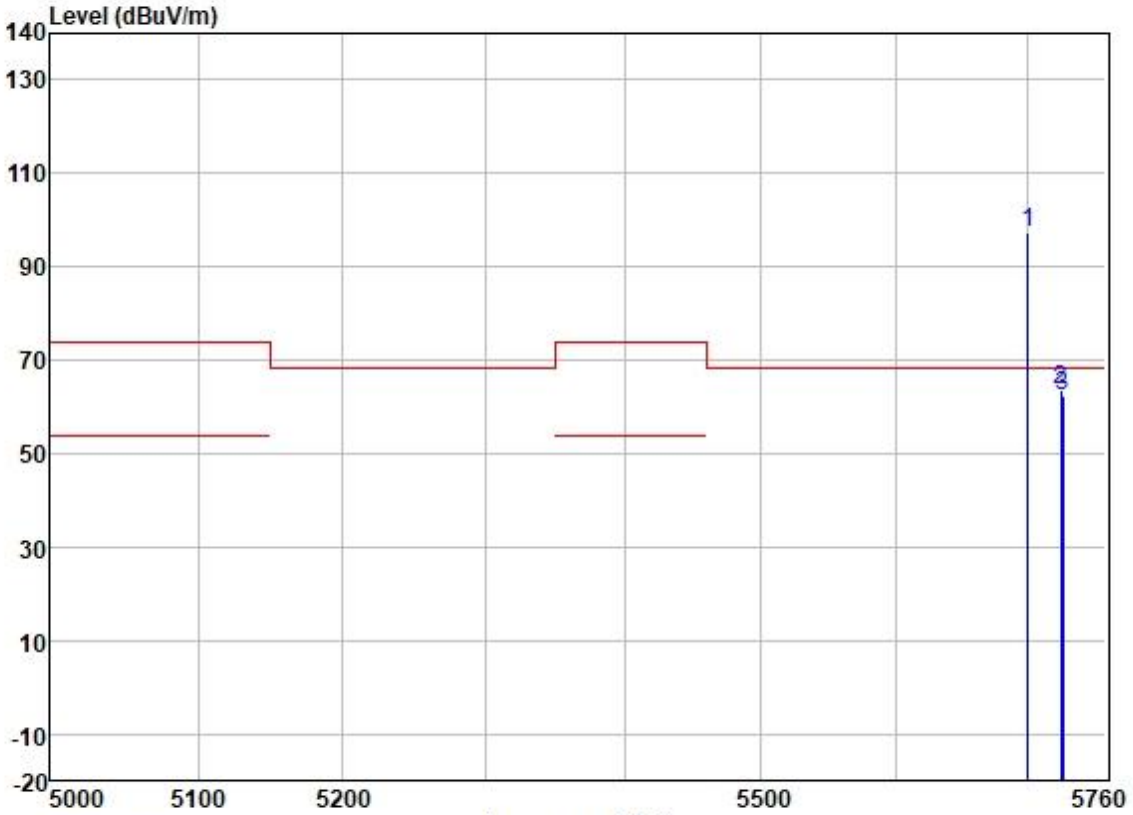
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

		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	*	5700.000	96.50	32.01	6.40	36.89	98.02	68.20	29.82	HORIZONTAL	Peak
2		5725.000	62.95	32.07	6.25	36.89	64.38	68.20	-3.82	HORIZONTAL	Peak
3		5725.583	61.39	32.07	6.25	36.89	62.82	68.20	-5.38	HORIZONTAL	Peak

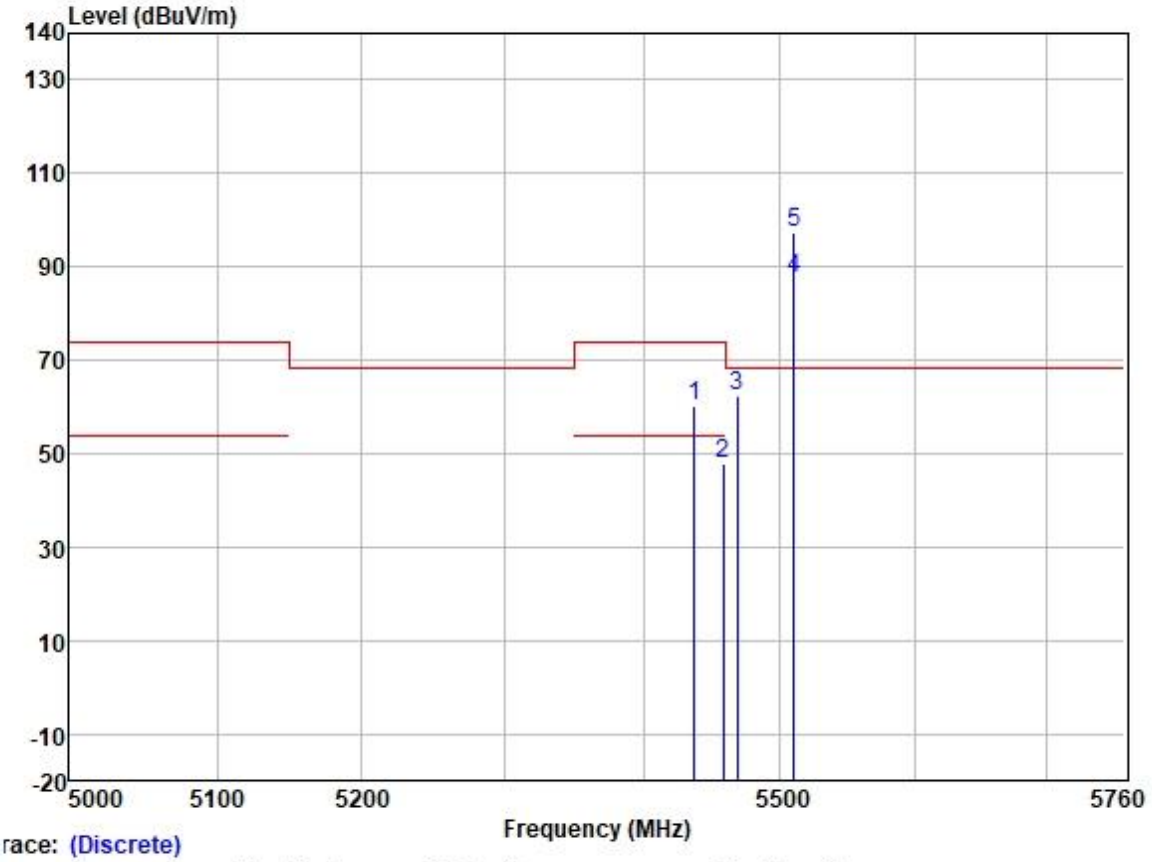
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

		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	*	5700.000	95.81	32.01	6.40	36.89	97.33	68.20	29.13	VERTICAL	Peak
2		5725.000	62.37	32.07	6.25	36.89	63.80	68.20	-4.40	VERTICAL	Peak
3		5726.783	61.03	32.07	6.25	36.89	62.46	68.20	-5.74	VERTICAL	Peak

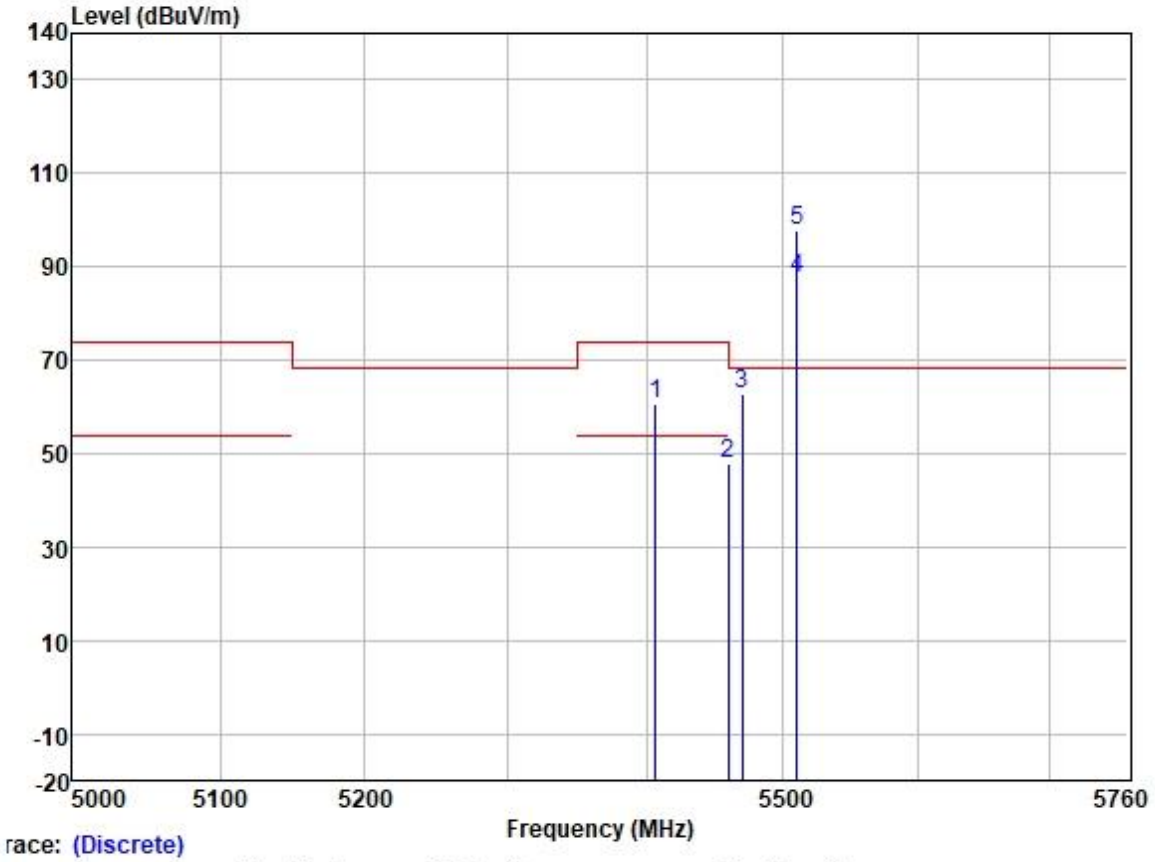
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

		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		5436.752	59.23	31.79	6.20	36.88	60.34	74.00	-13.66	HORIZONTAL	Peak
2		5457.945	46.59	31.79	6.26	36.88	47.76	54.00	-6.24	HORIZONTAL	Average
3		5468.432	61.23	31.80	6.31	36.88	62.46	68.20	-5.74	HORIZONTAL	Peak
4		5510.000	86.39	31.80	6.40	36.88	87.71	------	------	HORIZONTAL	Average
5	*	5510.000	95.93	31.80	6.40	36.88	97.25	68.20	29.05	HORIZONTAL	Peak

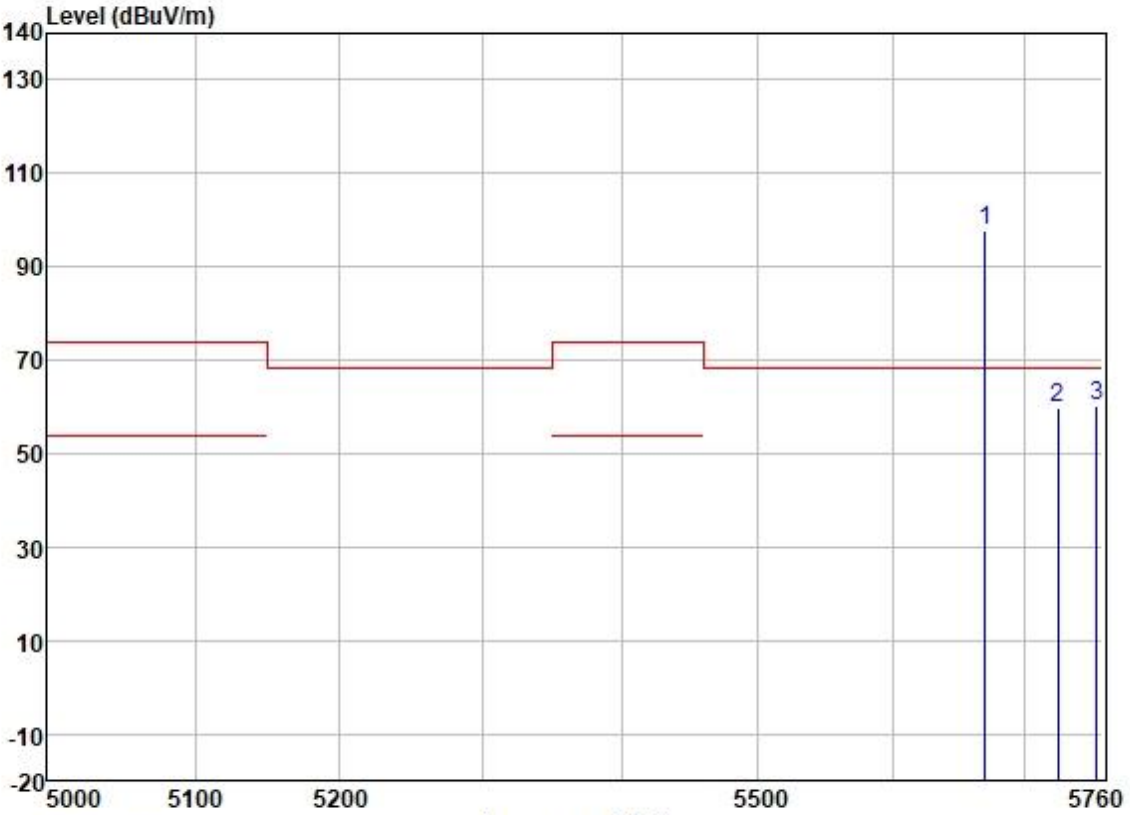
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

		Freq	ReadLevel	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		5406.362	59.49	31.79	6.06	36.88	60.46	74.00	-13.54	VERTICAL	Peak
2		5459.202	46.70	31.79	6.26	36.88	47.87	54.00	-6.13	VERTICAL	Average
3		5469.412	61.52	31.80	6.31	36.88	62.75	68.20	-5.45	VERTICAL	Peak
4		5510.000	86.39	31.80	6.40	36.88	87.71	------	------	VERTICAL	Average
5	*	5510.000	96.35	31.80	6.40	36.88	97.67	68.20	29.47	VERTICAL	Peak

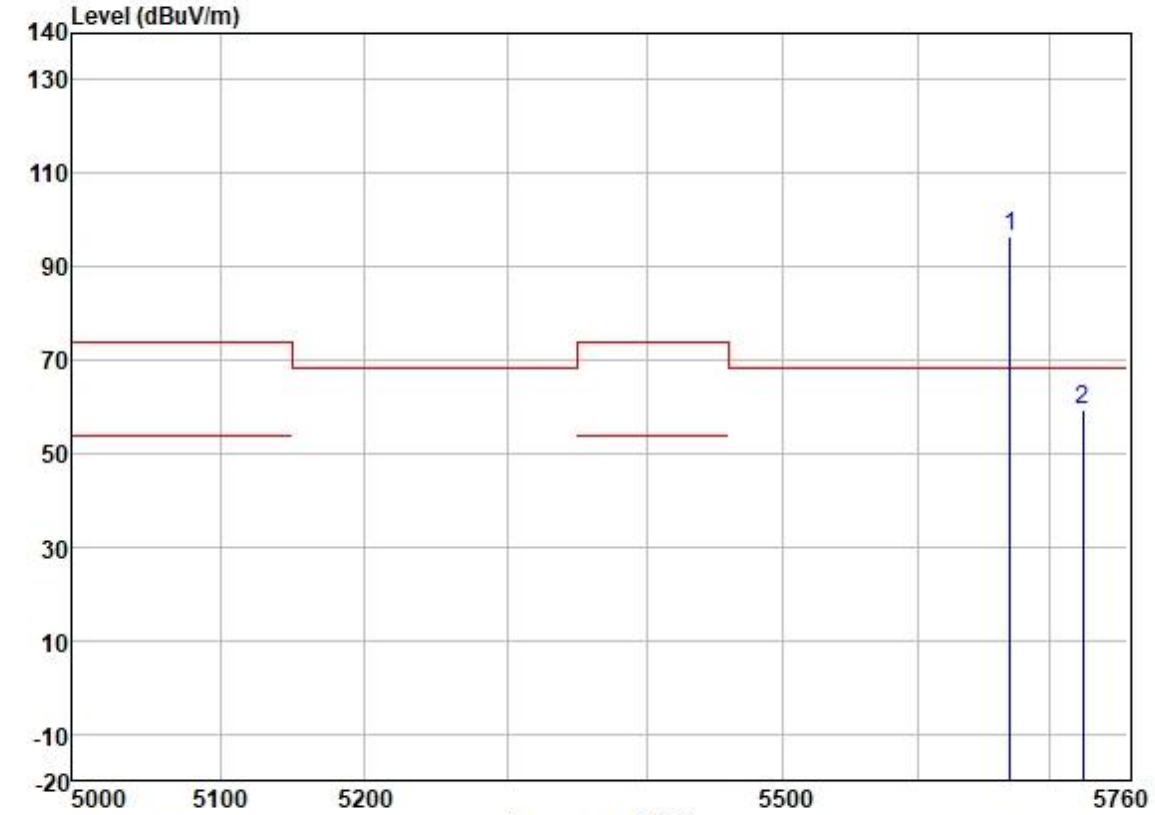
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

		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	*	5670.000	96.14	31.97	6.37	36.89	97.59	68.20	29.39	HORIZONTAL	Peak
2		5725.000	58.30	32.07	6.25	36.89	59.73	68.20	-8.47	HORIZONTAL	Peak
3		5754.828	58.70	32.10	6.20	36.89	60.11	68.20	-8.09	HORIZONTAL	Peak

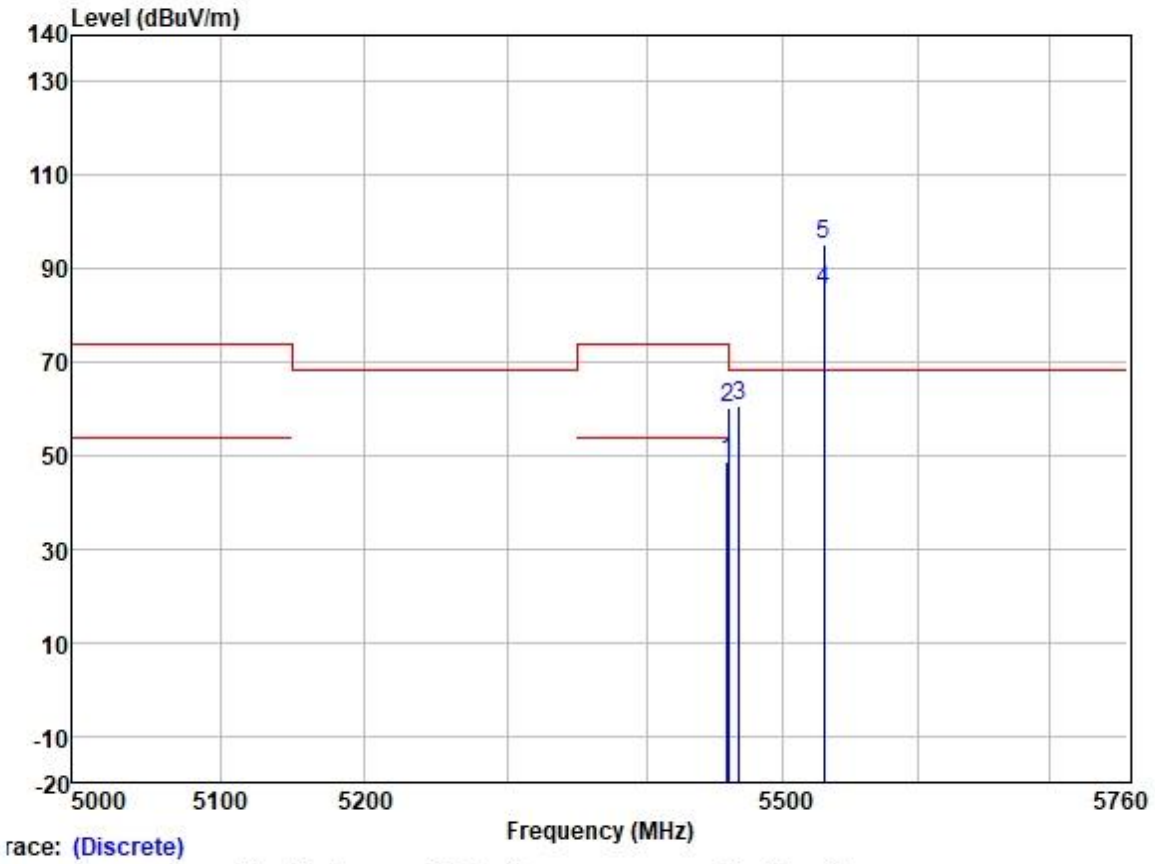
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

		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	*	5670.000	95.16	31.97	6.37	36.89	96.61	68.20	28.41	VERTICAL	Peak
2		5725.000	57.90	32.07	6.25	36.89	59.33	68.20	-8.87	VERTICAL	Peak

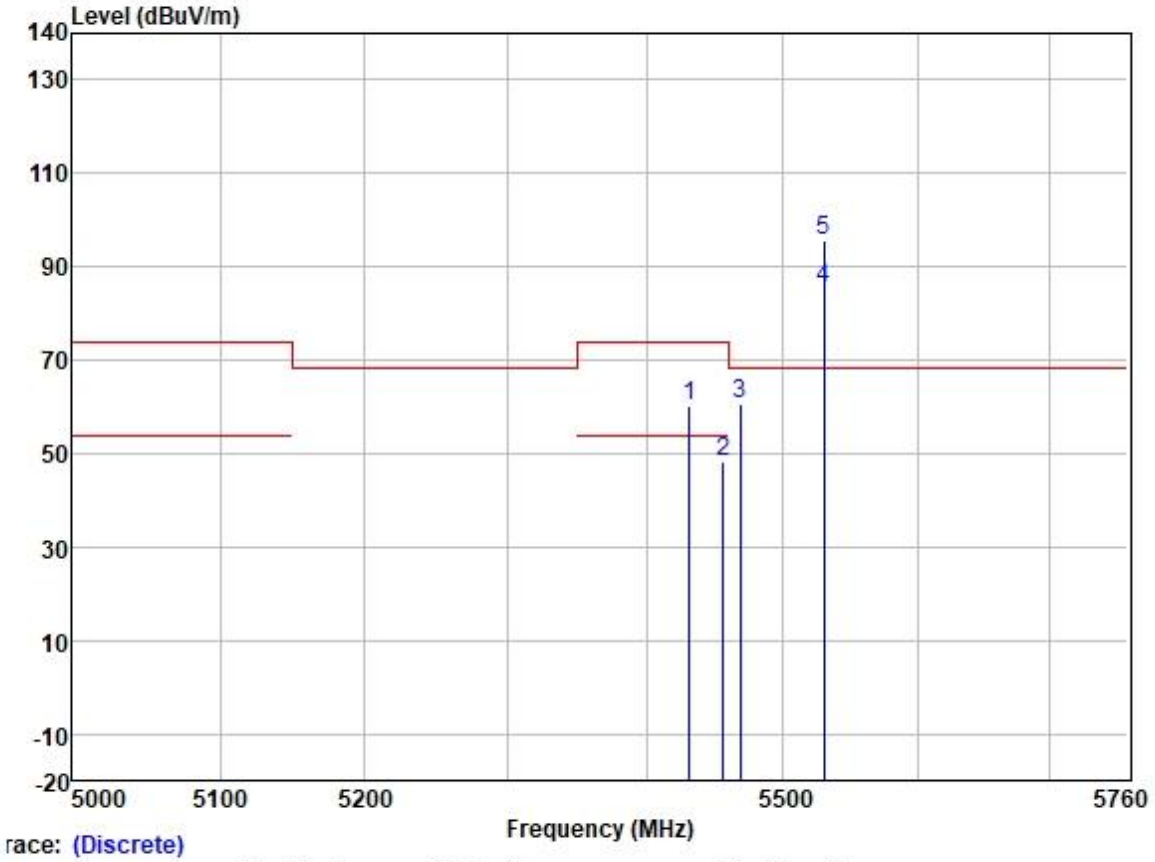
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



race: (Discrete)

		Freq	ReadLevel	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		5458.928	47.39	31.79	6.26	36.88	48.56	54.00	-5.44	HORIZONTAL	Average
2		5459.644	58.91	31.79	6.26	36.88	60.08	74.00	-13.92	HORIZONTAL	Peak
3		5467.526	59.29	31.80	6.31	36.88	60.52	68.20	-7.68	HORIZONTAL	Peak
4		5530.000	84.09	31.83	6.37	36.89	85.40	------	------	HORIZONTAL	Average
5	*	5530.000	93.79	31.83	6.37	36.89	95.10	68.20	26.90	HORIZONTAL	Peak

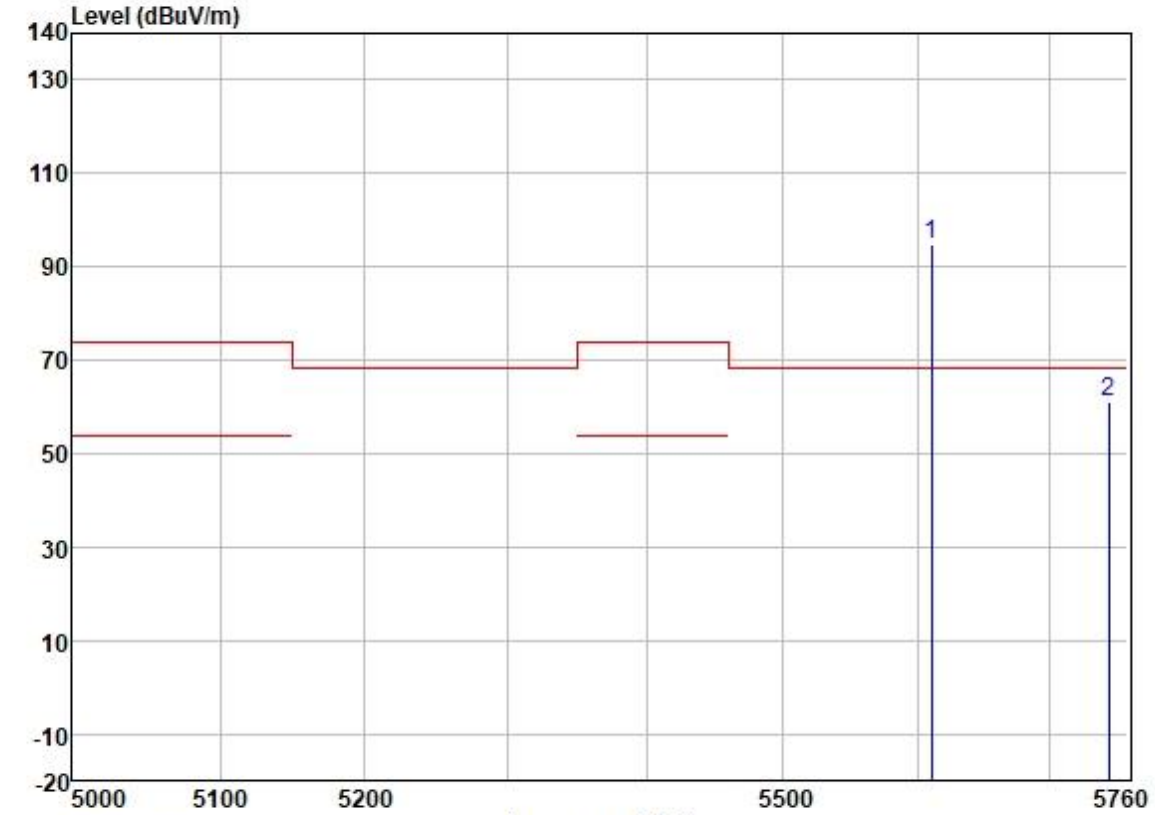
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



race: (Discrete)

		Freq	ReadLevel	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		5431.076	59.03	31.79	6.13	36.88	60.07	74.00	-13.93	VERTICAL	Peak
2		5455.707	47.30	31.79	6.26	36.88	48.47	54.00	-5.53	VERTICAL	Average
3		5467.885	59.39	31.80	6.31	36.88	60.62	68.20	-7.58	VERTICAL	Peak
4		5530.000	84.03	31.83	6.37	36.89	85.34	------	------	VERTICAL	Average
5	*	5530.000	94.29	31.83	6.37	36.89	95.60	68.20	27.40	VERTICAL	Peak

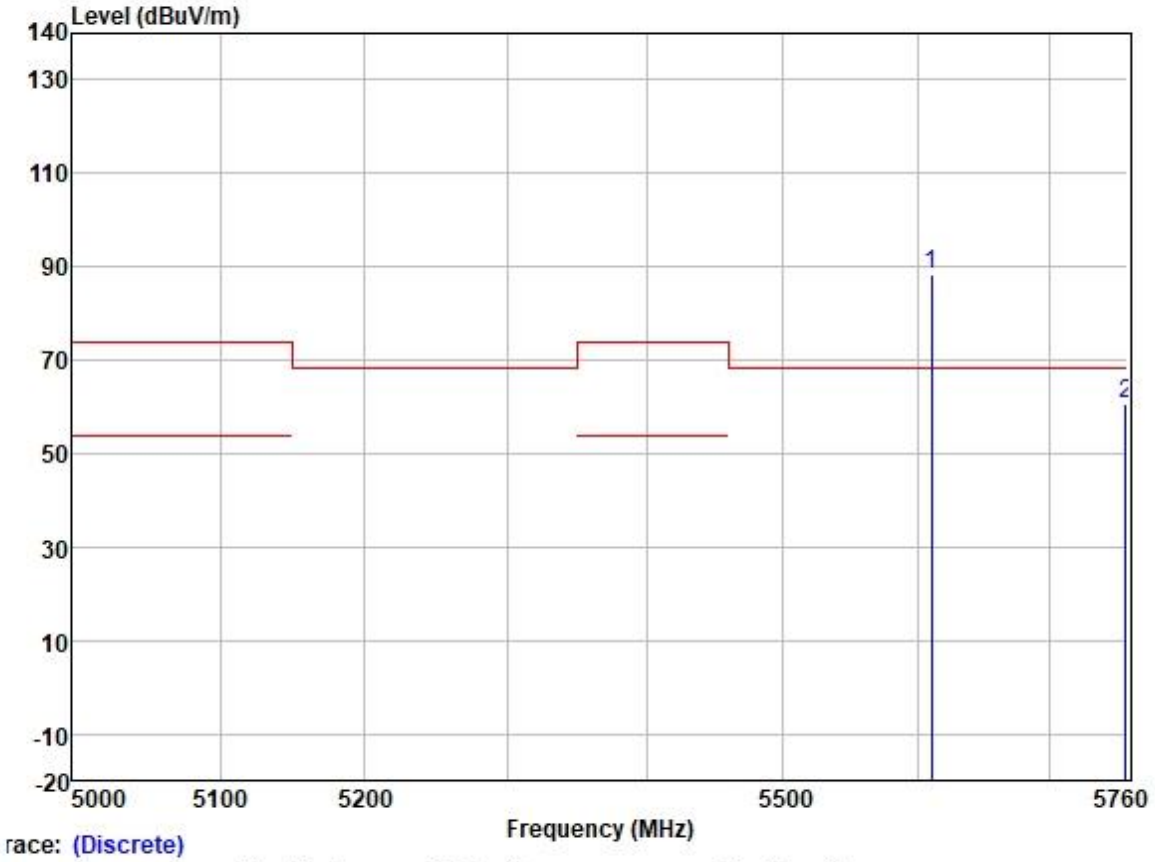
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



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	*	5610.000	93.62	31.91	6.32	36.89	94.96	68.20	26.76	HORIZONTAL	Peak
2		5744.957	59.73	32.10	6.20	36.89	61.14	68.20	-7.06	HORIZONTAL	Peak

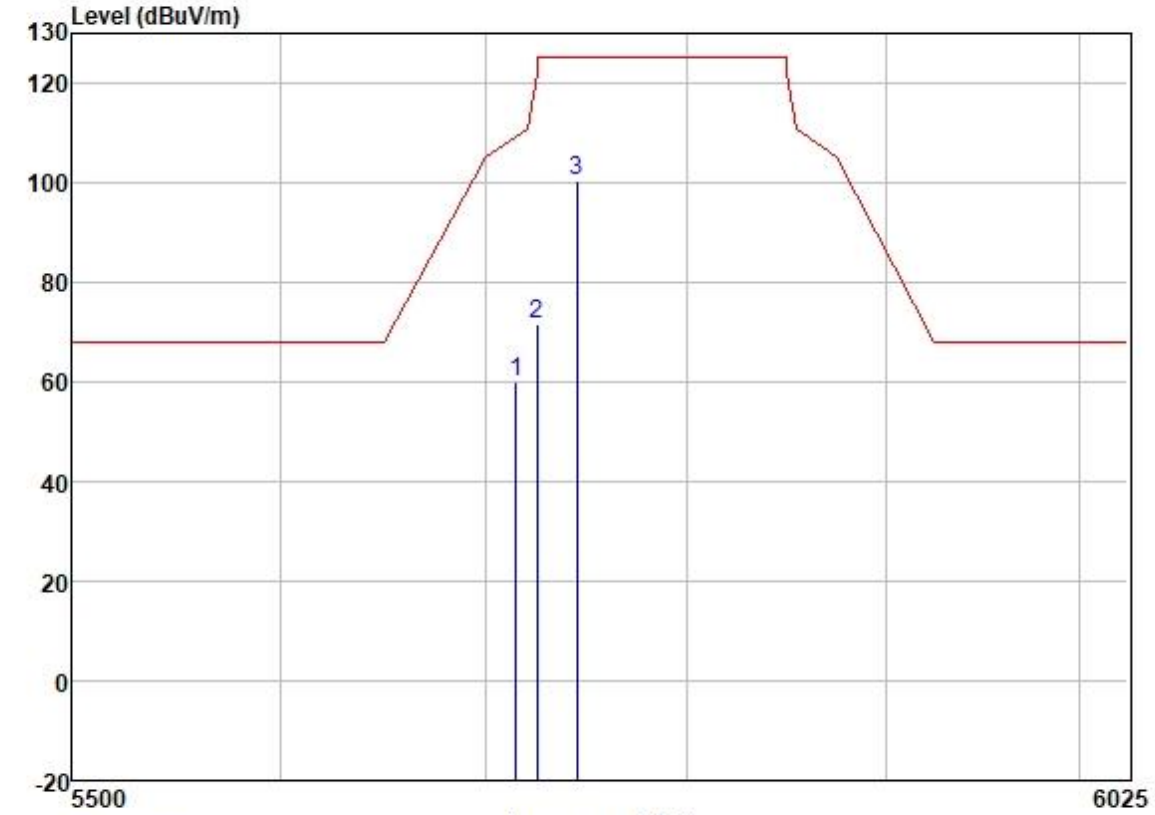
Test Mode: 09; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



race: (Discrete)

		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	*	5610.000	86.87	31.91	6.32	36.89	88.21	68.20	20.01	VERTICAL	Peak
2		5758.372	59.08	32.13	6.15	36.89	60.47	68.20	-7.73	VERTICAL	Peak

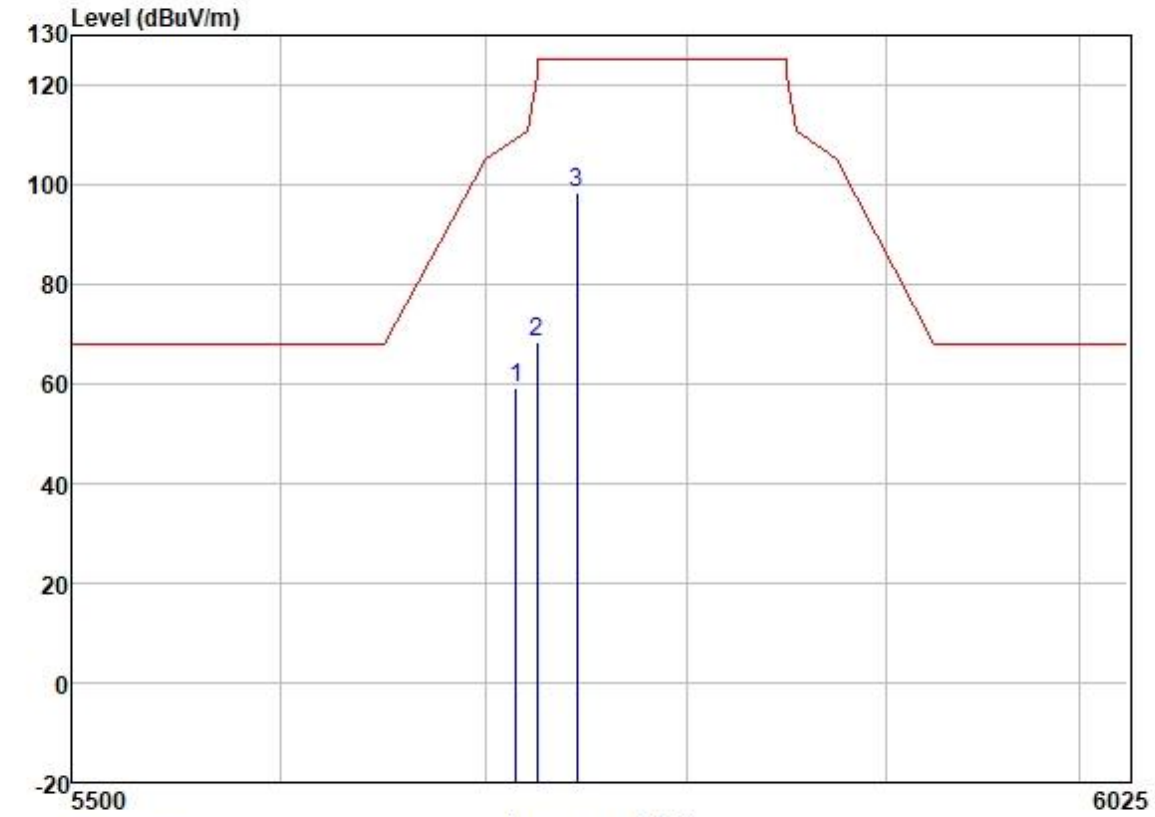
Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.57	32.04	6.33	36.89	60.05	109.40	-49.35	HORIZONTAL	Peak
2	5725.000	70.23	32.07	6.25	36.89	71.66	122.20	-50.54	HORIZONTAL	Peak
3	5745.000	99.05	32.10	6.20	36.89	100.46	125.20	-24.74	HORIZONTAL	Peak

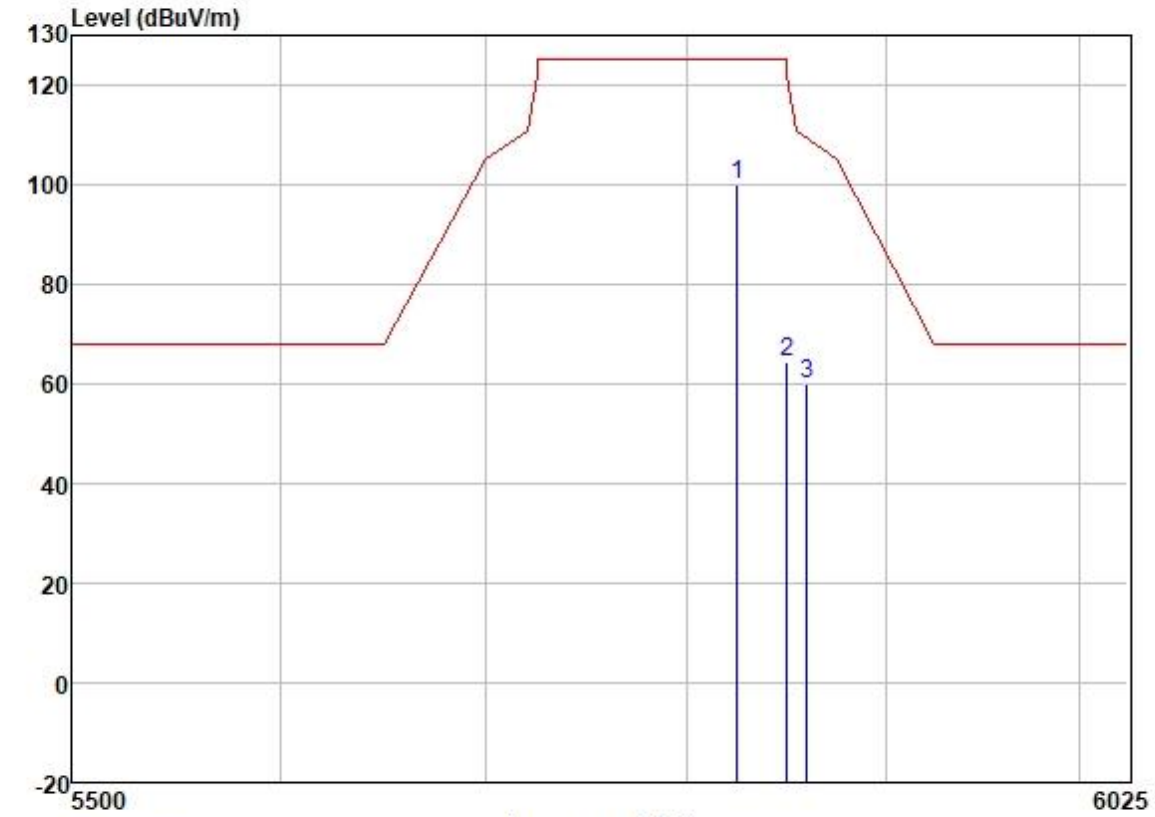
Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	57.60	32.04	6.33	36.89	59.08	109.40	-50.32	VERTICAL	Peak
2	5725.000	67.15	32.07	6.25	36.89	68.58	122.20	-53.62	VERTICAL	Peak
3	5745.000	97.17	32.10	6.20	36.89	98.58	125.20	-26.62	VERTICAL	Peak

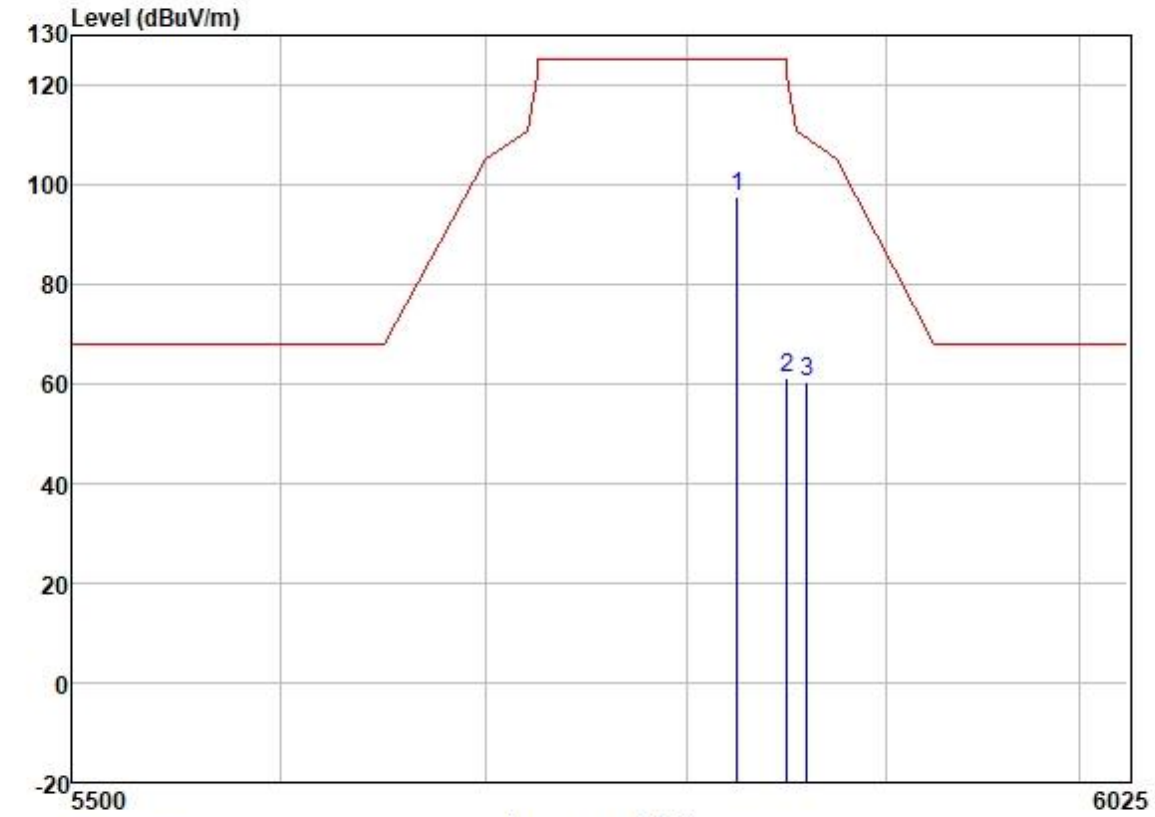
Test Mode: 10; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	98.79	32.23	6.04	36.90	100.16	125.20	-25.04	HORIZONTAL	Peak
2	5850.000	63.06	32.25	6.00	36.90	64.41	122.20	-57.79	HORIZONTAL	Peak
3	5860.000	58.85	32.27	5.96	36.90	60.18	109.40	-49.22	HORIZONTAL	Peak

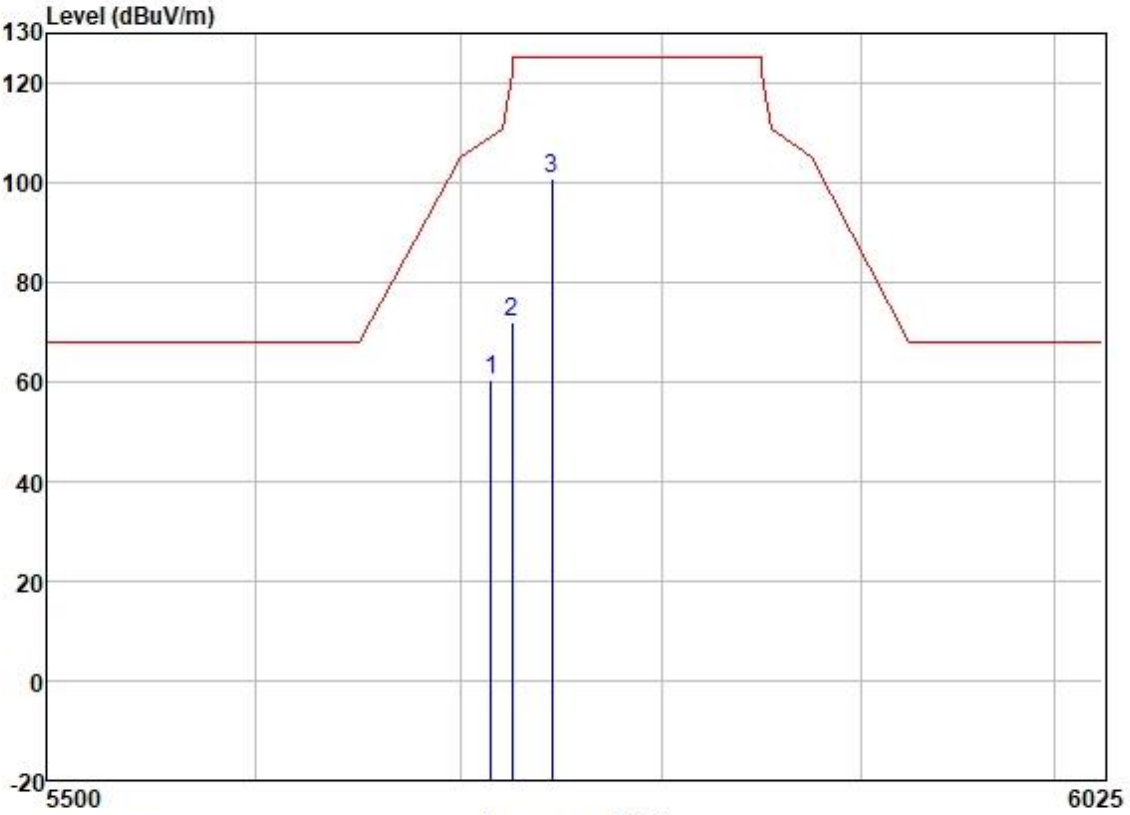
Test Mode: 10; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	96.35	32.23	6.04	36.90	97.72	125.20	-27.48	VERTICAL	Peak
2	5850.000	59.81	32.25	6.00	36.90	61.16	122.20	-61.04	VERTICAL	Peak
3	5860.000	59.02	32.27	5.96	36.90	60.35	109.40	-49.05	VERTICAL	Peak

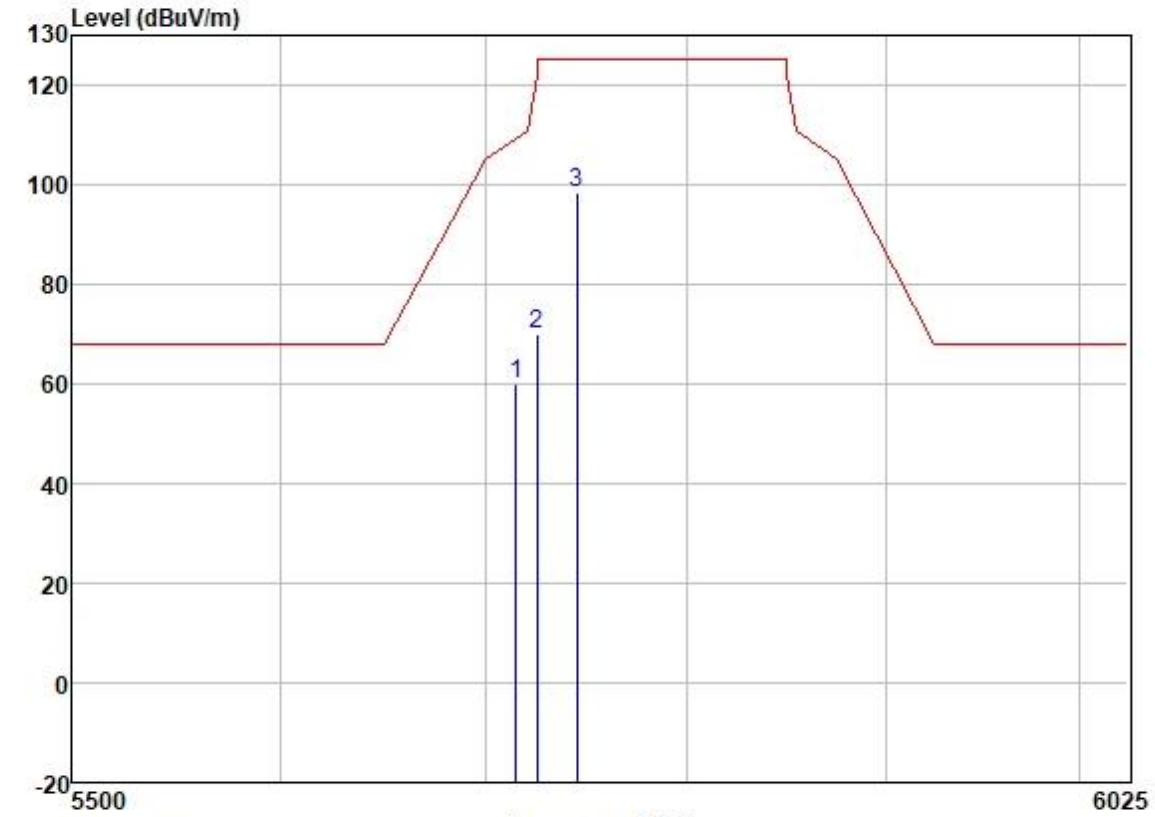
Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.77	32.04	6.33	36.89	60.25	109.40	-49.15	HORIZONTAL	Peak
2	5725.000	70.52	32.07	6.25	36.89	71.95	122.20	-50.25	HORIZONTAL	Peak
3	5745.000	99.39	32.10	6.20	36.89	100.80	125.20	-24.40	HORIZONTAL	Peak

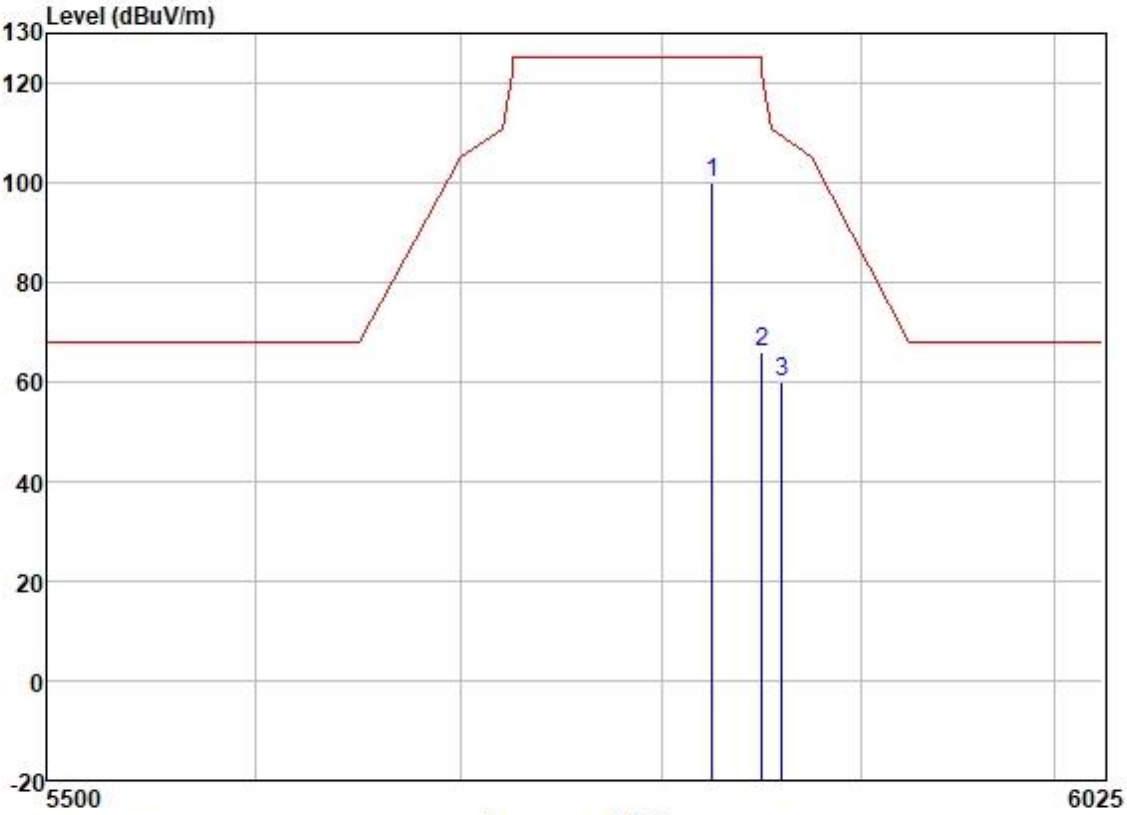
Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.53	32.04	6.33	36.89	60.01	109.40	-49.39	VERTICAL	Peak
2	5725.000	68.73	32.07	6.25	36.89	70.16	122.20	-52.04	VERTICAL	Peak
3	5745.000	96.90	32.10	6.20	36.89	98.31	125.20	-26.89	VERTICAL	Peak

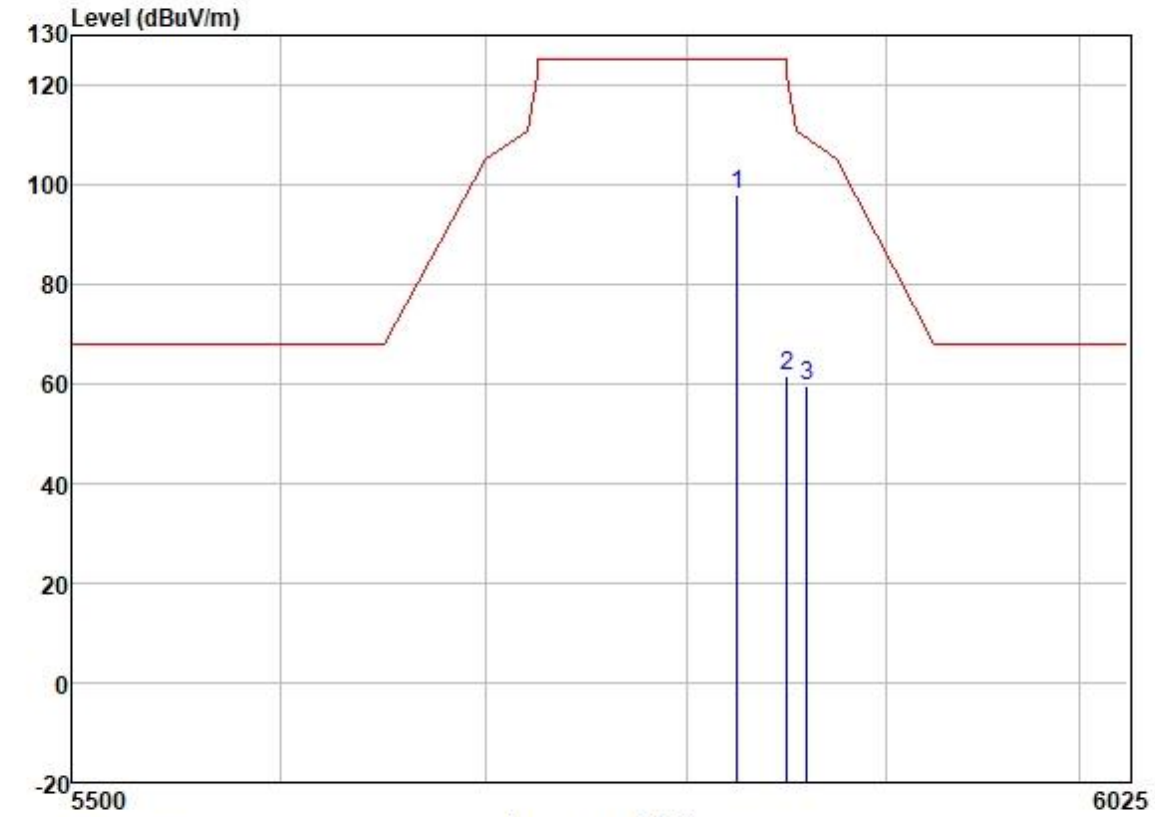
Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	98.69	32.23	6.04	36.90	100.06	125.20	-25.14	HORIZONTAL	Peak
2	5850.000	64.79	32.25	6.00	36.90	66.14	122.20	-56.06	HORIZONTAL	Peak
3	5860.000	58.48	32.27	5.96	36.90	59.81	109.40	-49.59	HORIZONTAL	Peak

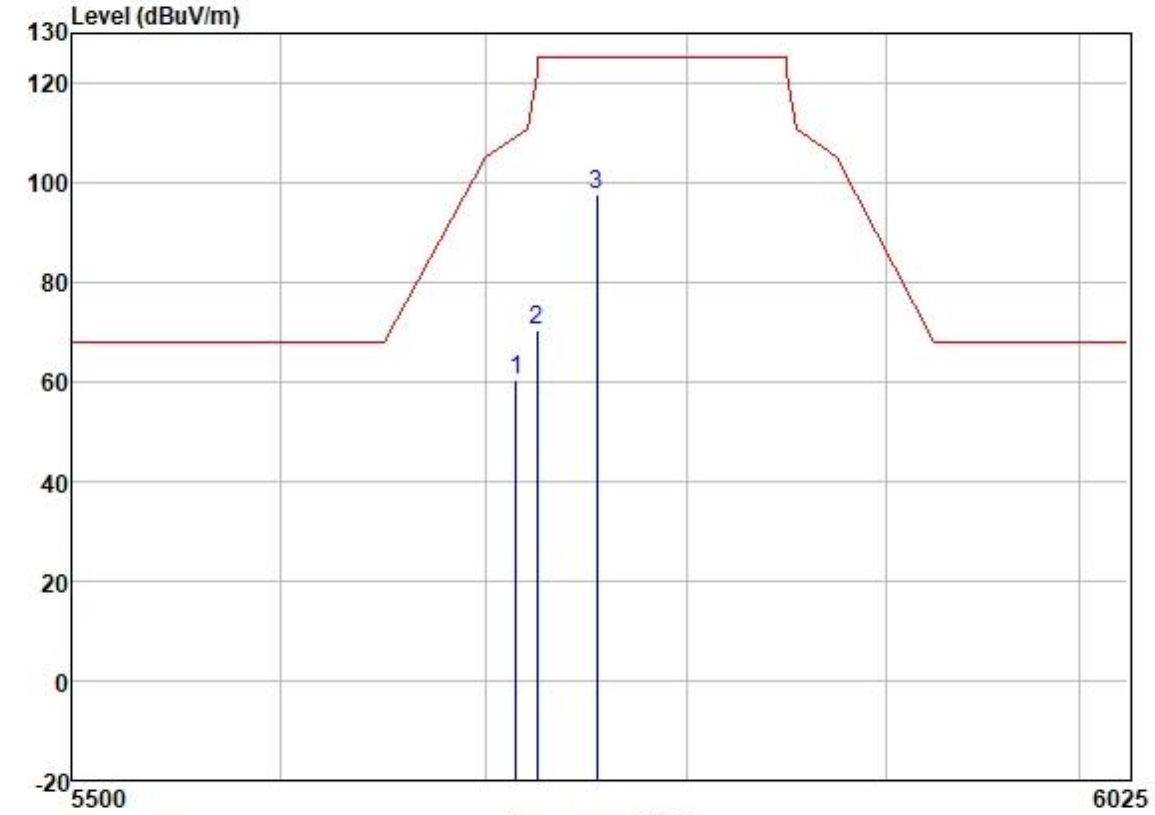
Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	96.46	32.23	6.04	36.90	97.83	125.20	-27.37	VERTICAL	Peak
2	5850.000	60.16	32.25	6.00	36.90	61.51	122.20	-60.69	VERTICAL	Peak
3	5860.000	58.24	32.27	5.96	36.90	59.57	109.40	-49.83	VERTICAL	Peak

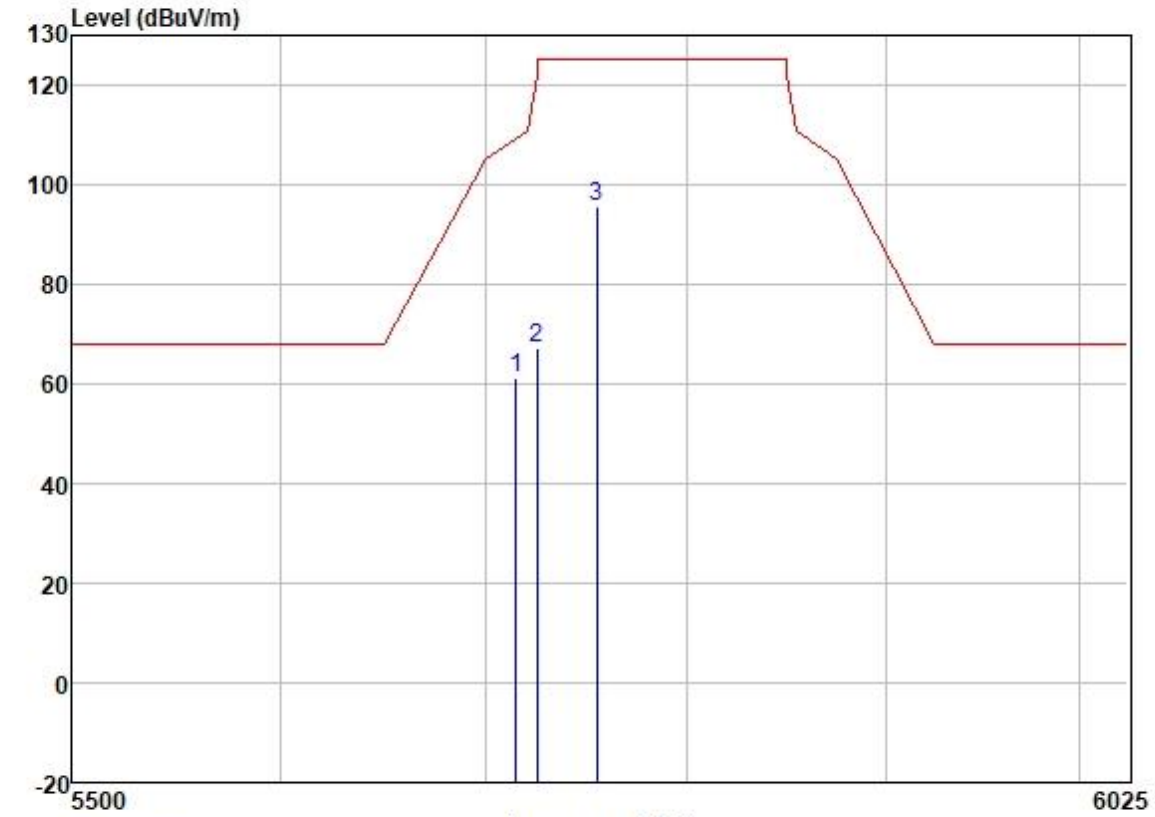
Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.87	32.04	6.33	36.89	60.35	109.40	-49.05	HORIZONTAL	Peak
2	5725.000	68.86	32.07	6.25	36.89	70.29	122.20	-51.91	HORIZONTAL	Peak
3	5755.000	96.33	32.10	6.20	36.89	97.74	125.20	-27.46	HORIZONTAL	Peak

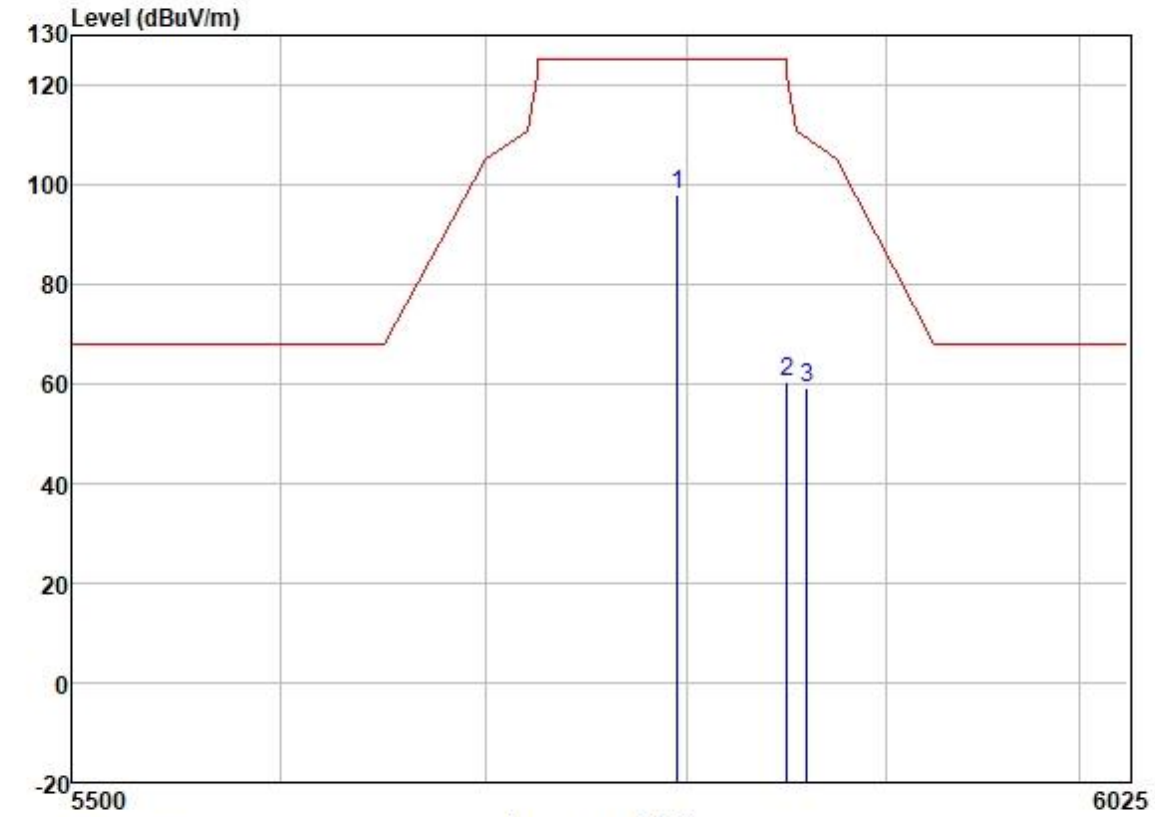
Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	5715.000	59.77	32.04	6.33	36.89	61.25	109.40	-48.15	VERTICAL	Peak
2	5725.000	65.64	32.07	6.25	36.89	67.07	122.20	-55.13	VERTICAL	Peak
3	5755.000	94.18	32.10	6.20	36.89	95.59	125.20	-29.61	VERTICAL	Peak

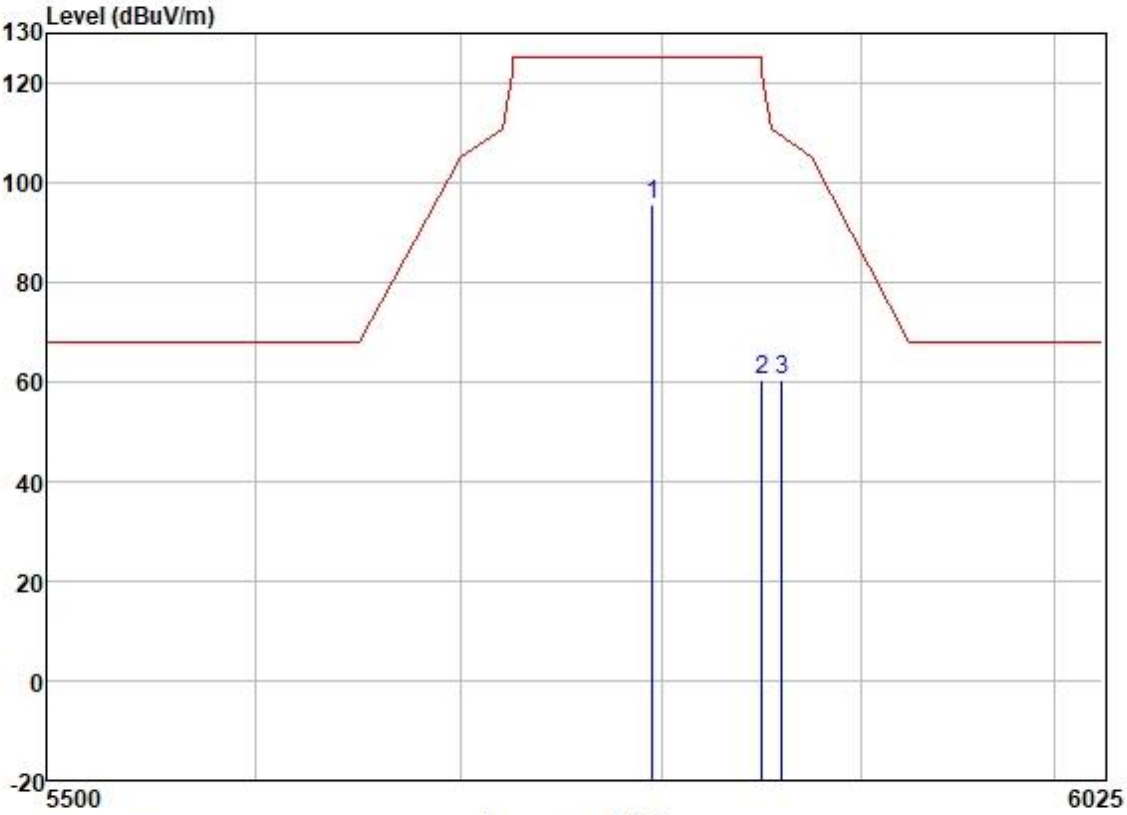
Test Mode: 10; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	5795.000	96.63	32.19	6.10	36.89	98.03	125.20	-27.17	HORIZONTAL	Peak
2	5850.000	59.04	32.25	6.00	36.90	60.39	122.20	-61.81	HORIZONTAL	Peak
3	5860.000	58.05	32.27	5.96	36.90	59.38	109.40	-50.02	HORIZONTAL	Peak

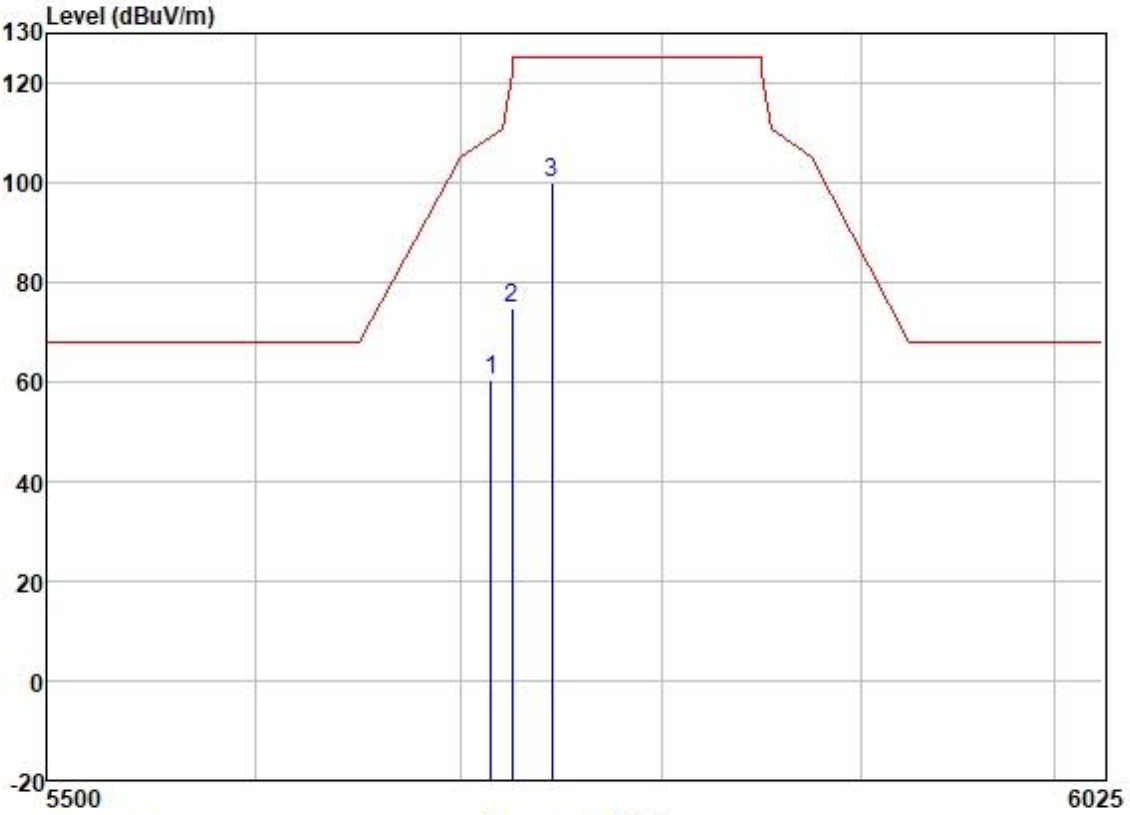
Test Mode: 10; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	5795.000	94.22	32.19	6.10	36.89	95.62	125.20	-29.58	VERTICAL	Peak
2	5850.000	58.88	32.25	6.00	36.90	60.23	122.20	-61.97	VERTICAL	Peak
3	5860.000	59.05	32.27	5.96	36.90	60.38	109.40	-49.02	VERTICAL	Peak

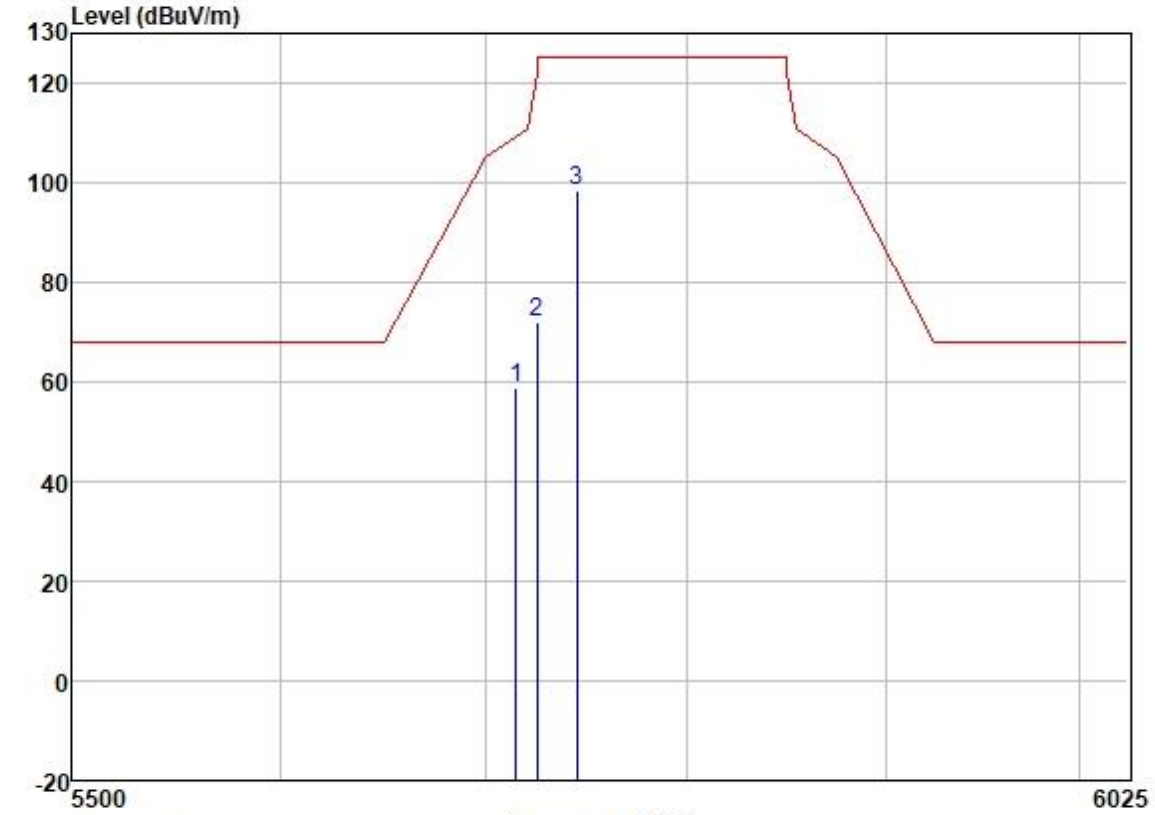
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.80	32.04	6.33	36.89	60.28	109.40	-49.12	HORIZONTAL	Peak
2	5725.000	73.22	32.07	6.25	36.89	74.65	122.20	-47.55	HORIZONTAL	Peak
3	5745.000	98.78	32.10	6.20	36.89	100.19	125.20	-25.01	HORIZONTAL	Peak

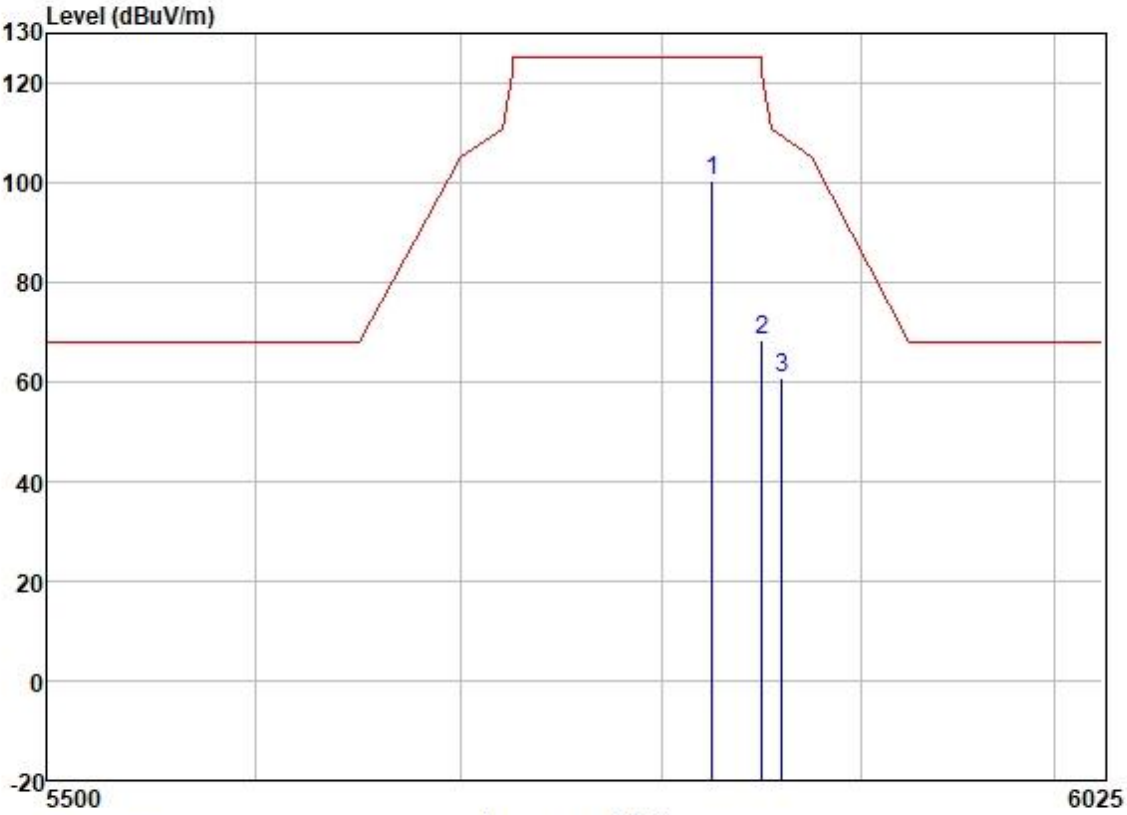
Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	5715.000	57.30	32.04	6.33	36.89	58.78	109.40	-50.62	VERTICAL	Peak
2	5725.000	70.46	32.07	6.25	36.89	71.89	122.20	-50.31	VERTICAL	Peak
3	5745.000	97.09	32.10	6.20	36.89	98.50	125.20	-26.70	VERTICAL	Peak

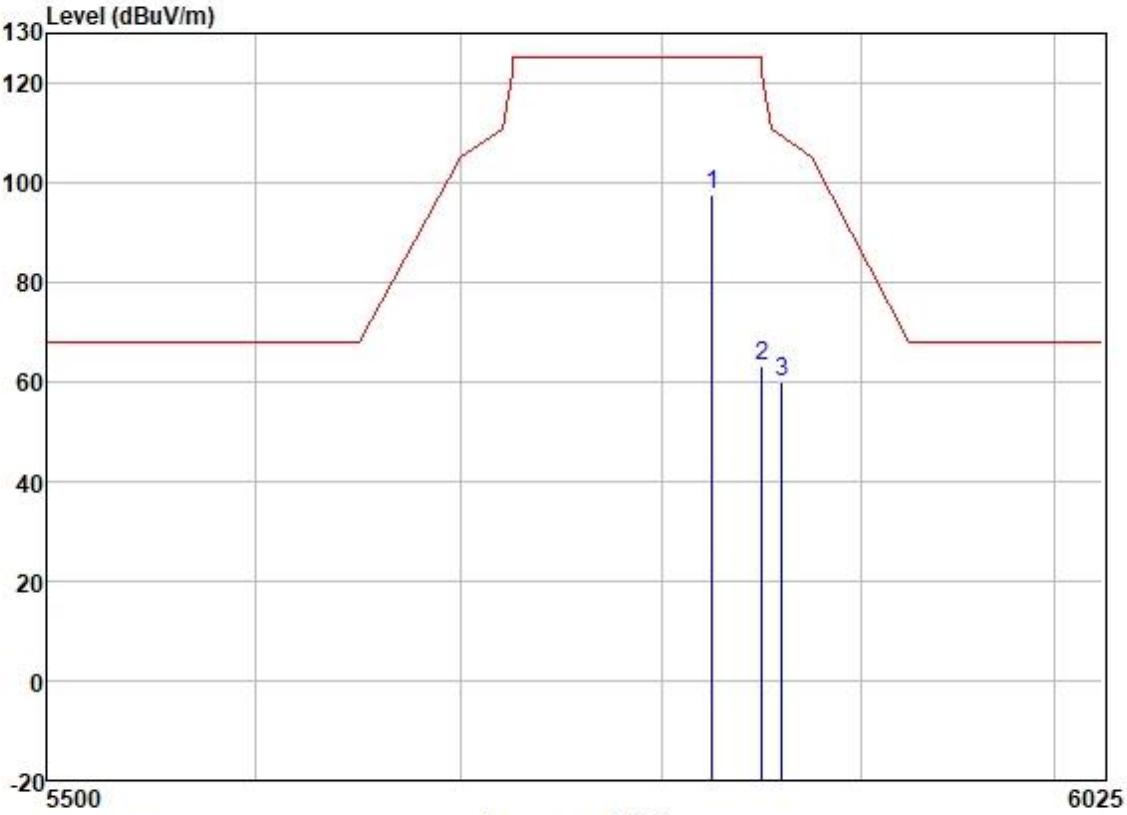
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	99.06	32.23	6.04	36.90	100.43	125.20	-24.77	HORIZONTAL	Peak
2	5850.000	67.19	32.25	6.00	36.90	68.54	122.20	-53.66	HORIZONTAL	Peak
3	5860.000	59.64	32.27	5.96	36.90	60.97	109.40	-48.43	HORIZONTAL	Peak

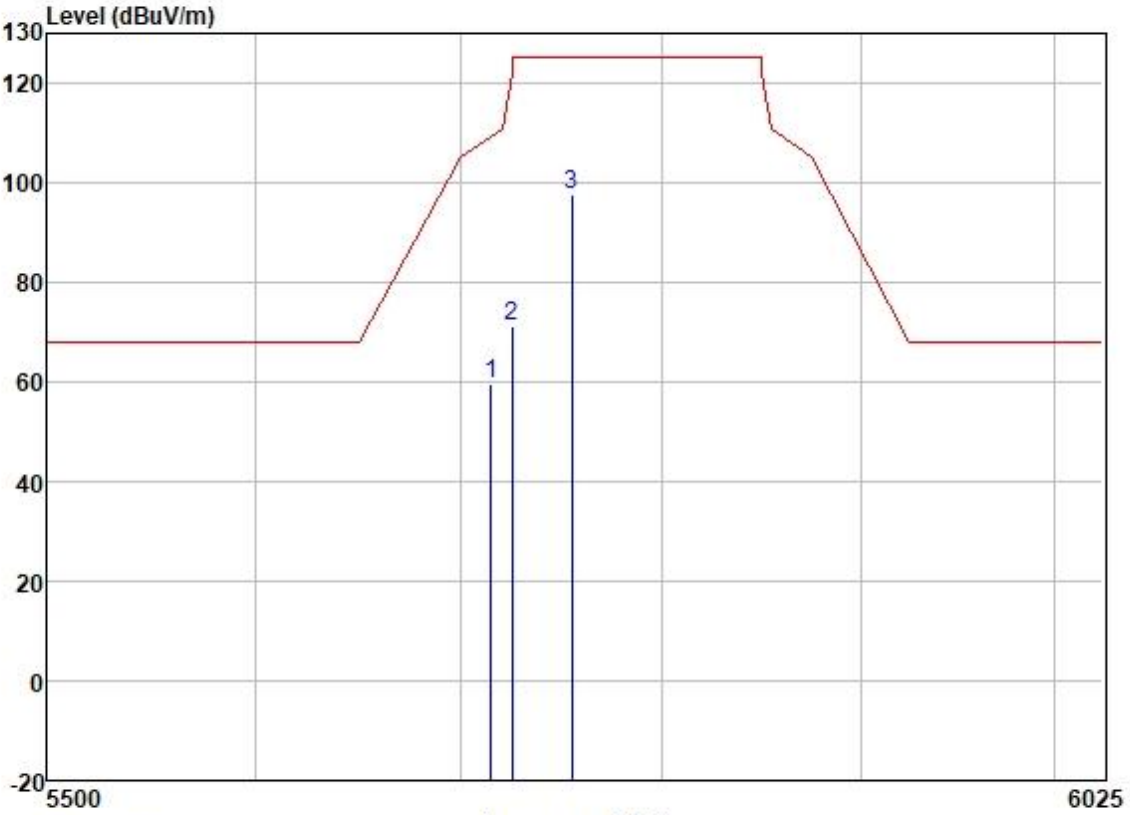
Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	5825.000	96.41	32.23	6.04	36.90	97.78	125.20	-27.42	VERTICAL	Peak
2	5850.000	61.72	32.25	6.00	36.90	63.07	122.20	-59.13	VERTICAL	Peak
3	5860.000	58.54	32.27	5.96	36.90	59.87	109.40	-49.53	VERTICAL	Peak

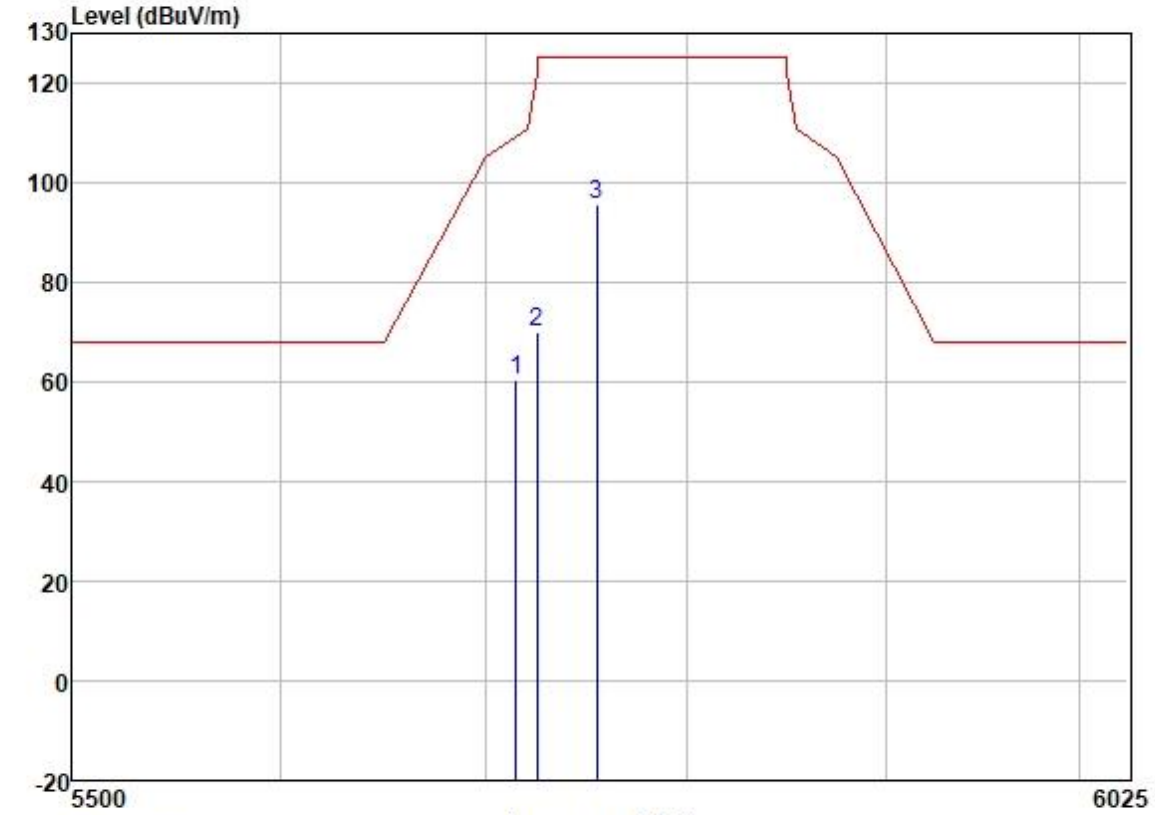
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	5715.000	58.16	32.04	6.33	36.89	59.64	109.40	-49.76	HORIZONTAL	Peak
2	5725.000	69.88	32.07	6.25	36.89	71.31	122.20	-50.89	HORIZONTAL	Peak
3	5755.000	96.25	32.10	6.20	36.89	97.66	125.20	-27.54	HORIZONTAL	Peak

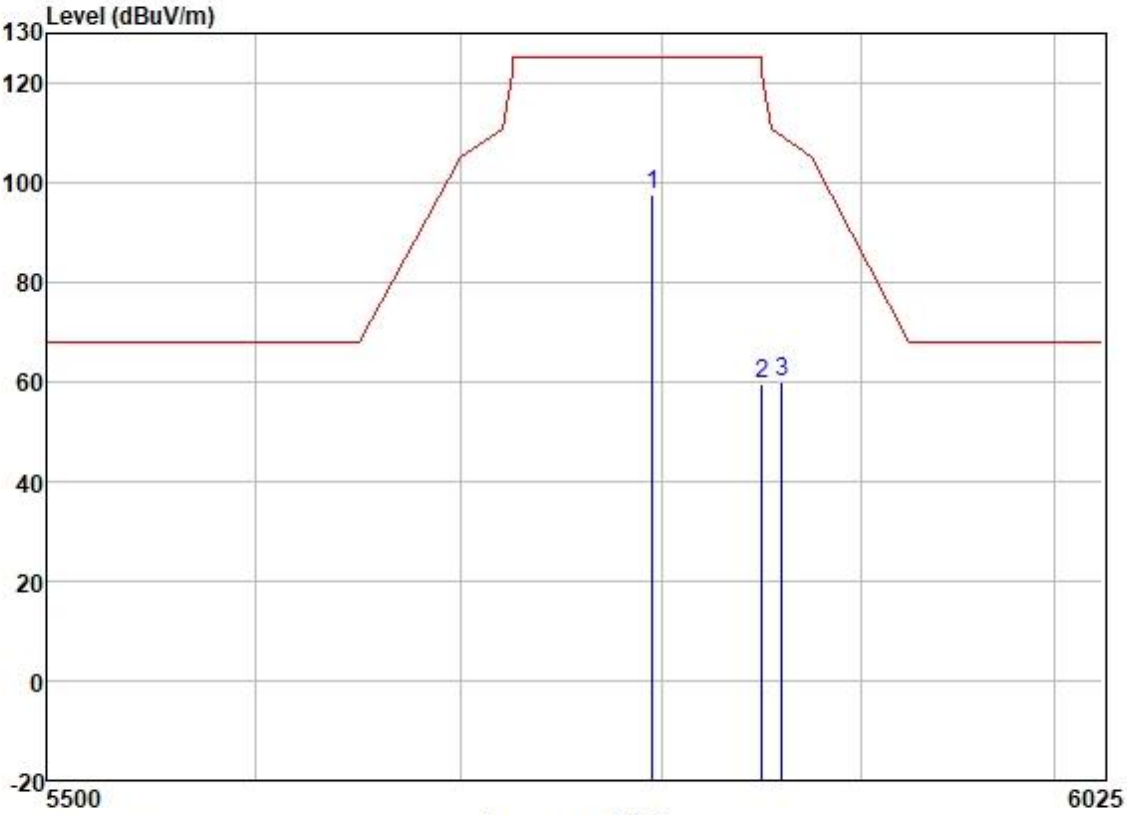
Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	5715.000	59.09	32.04	6.33	36.89	60.57	109.40	-48.83	VERTICAL	Peak
2	5725.000	68.69	32.07	6.25	36.89	70.12	122.20	-52.08	VERTICAL	Peak
3	5755.000	94.34	32.10	6.20	36.89	95.75	125.20	-29.45	VERTICAL	Peak

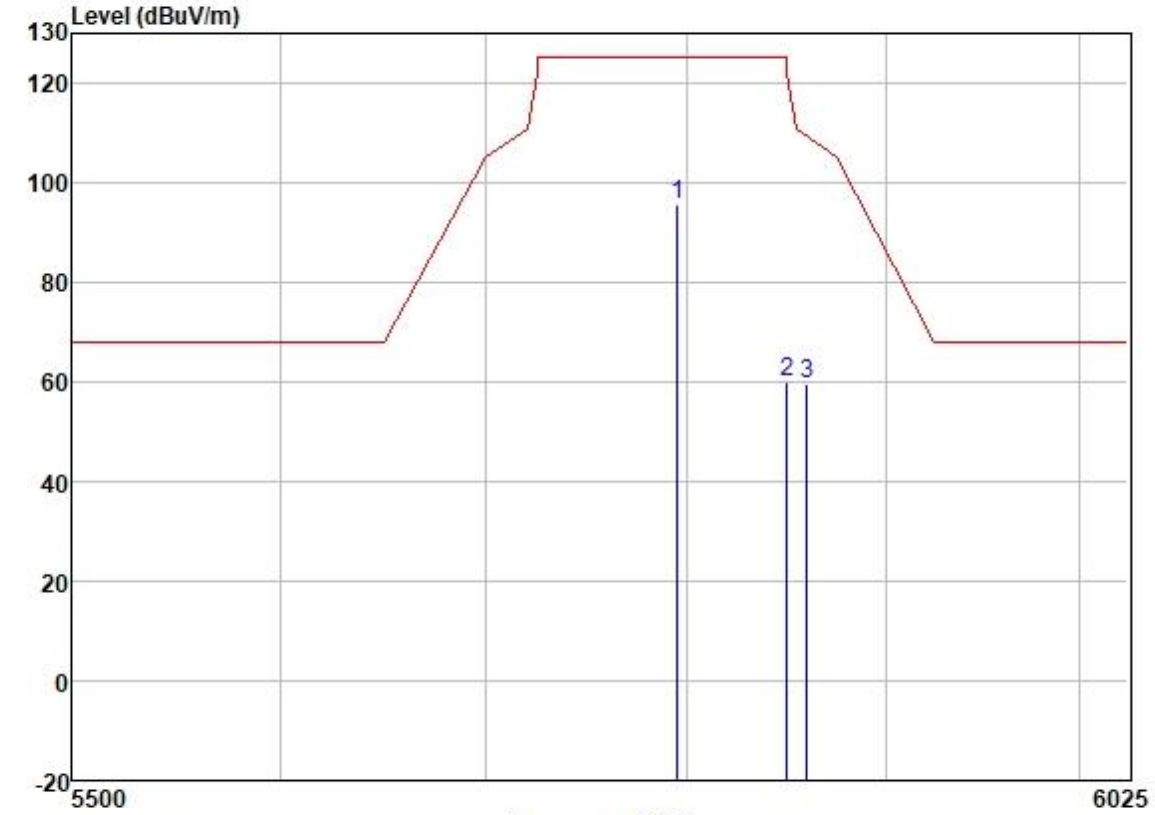
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	5795.000	96.28	32.19	6.10	36.89	97.68	125.20	-27.52	HORIZONTAL	Peak
2	5850.000	58.42	32.25	6.00	36.90	59.77	122.20	-62.43	HORIZONTAL	Peak
3	5860.000	58.56	32.27	5.96	36.90	59.89	109.40	-49.51	HORIZONTAL	Peak

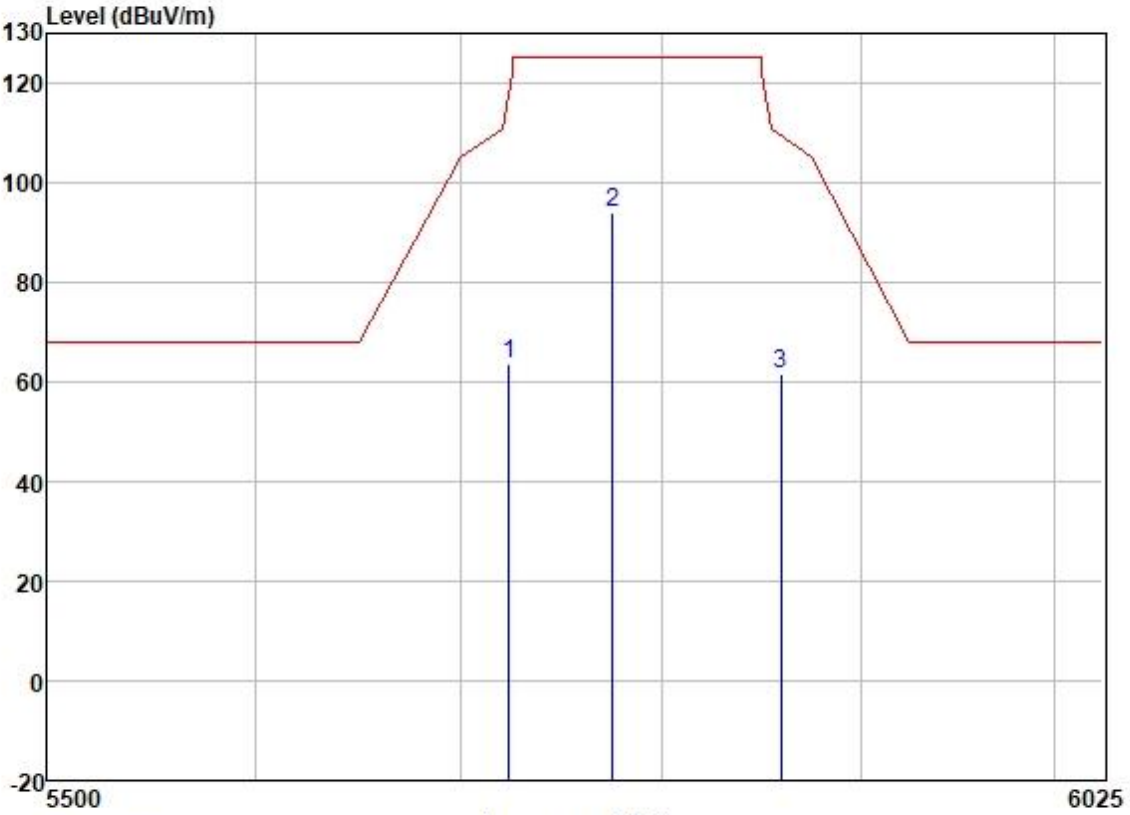
Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	5795.000	94.21	32.19	6.10	36.89	95.61	125.20	-29.59	VERTICAL	Peak
2	5850.000	58.82	32.25	6.00	36.90	60.17	122.20	-62.03	VERTICAL	Peak
3	5860.000	58.30	32.27	5.96	36.90	59.63	109.40	-49.77	VERTICAL	Peak

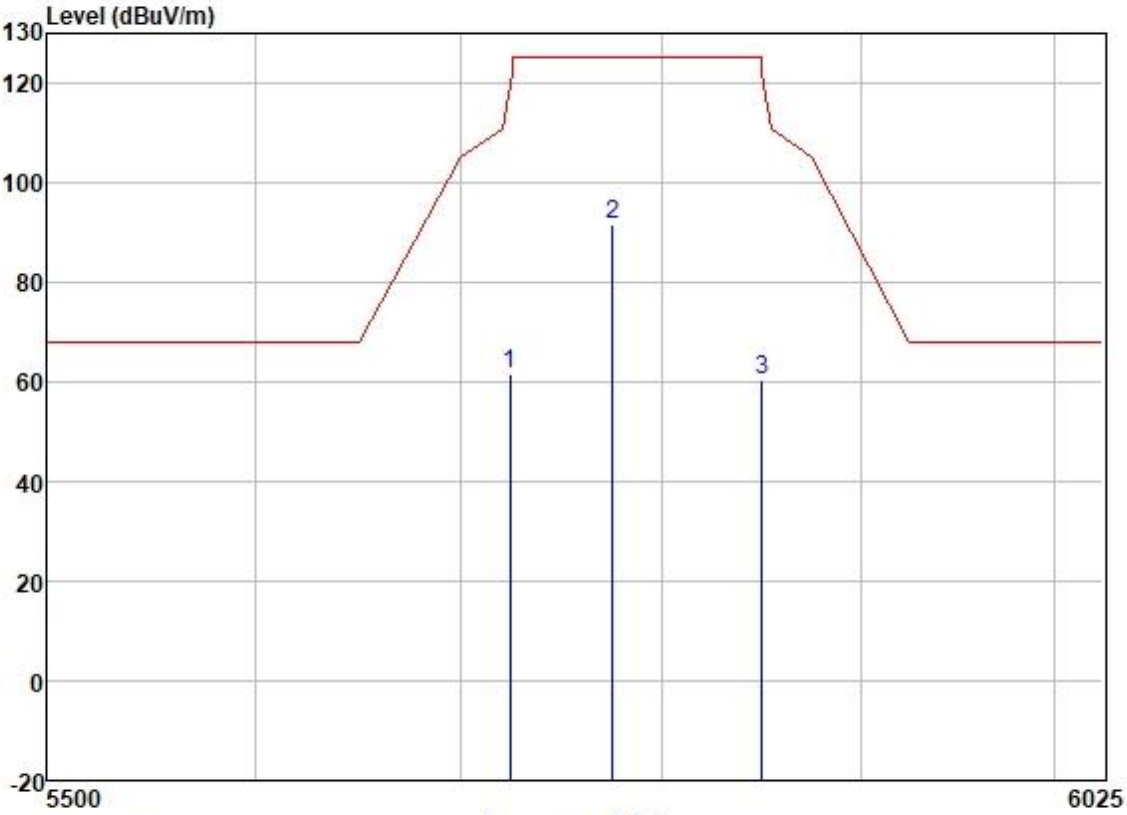
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



race: (Discrete)

	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	5723.787	62.01	32.07	6.25	36.89	63.44	119.44	-56.00	HORIZONTAL	Peak
2	5775.000	92.64	32.16	6.10	36.89	94.01	125.20	-31.19	HORIZONTAL	Peak
3	5859.518	60.45	32.27	5.96	36.90	61.78	109.53	-47.75	HORIZONTAL	Peak

Test Mode: 10; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



race: (Discrete)

	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	5724.390	60.27	32.07	6.25	36.89	61.70	120.81	-59.11	VERTICAL	Peak
2	5775.000	90.22	32.16	6.10	36.89	91.59	125.20	-33.61	VERTICAL	Peak
3	5850.267	58.87	32.25	6.00	36.90	60.22	121.59	-61.37	VERTICAL	Peak

7.10 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart C 15.407 (g)
Test Method: ANSI C63.10 (2013) Section 6.8

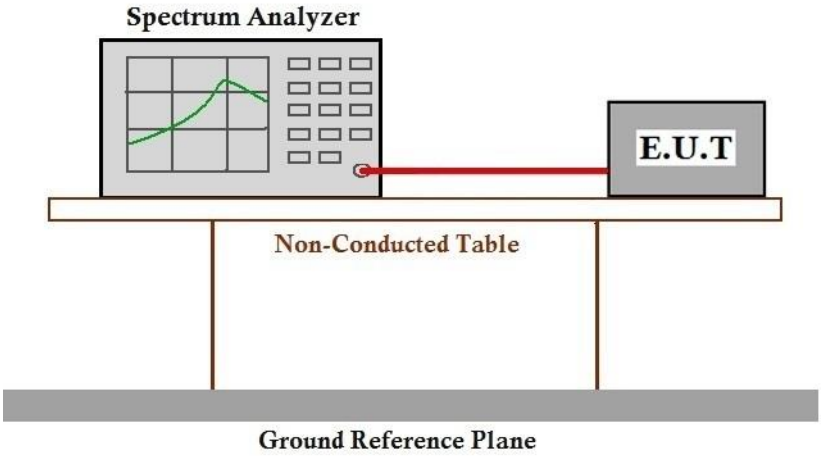
7.10.1 E.U.T. Operation

Operating Environment:
Temperature: 25 °C Humidity: 51 % RH Atmospheric Pressure: 995 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	07	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 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	08	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	10	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.

7.10.3 Test Setup Diagram



7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

7.11 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.11.1 E.U.T. Operation

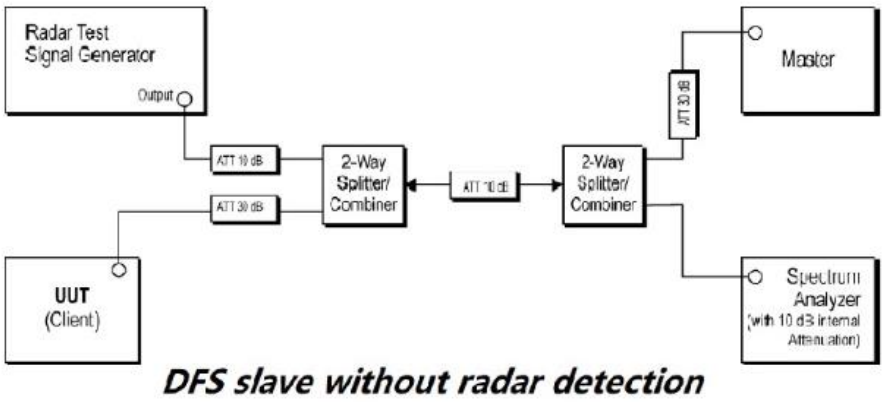
Operating Environment:

Temperature: 25 °C Humidity: 52 % RH Atmospheric Pressure: 995 mbar

7.11.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	Normal operating_Keep the EUT communication with the companion device.

7.11.3 Test Setup Diagram



DFS slave without radar detection

7.11.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.12 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.12.1 E.U.T. Operation

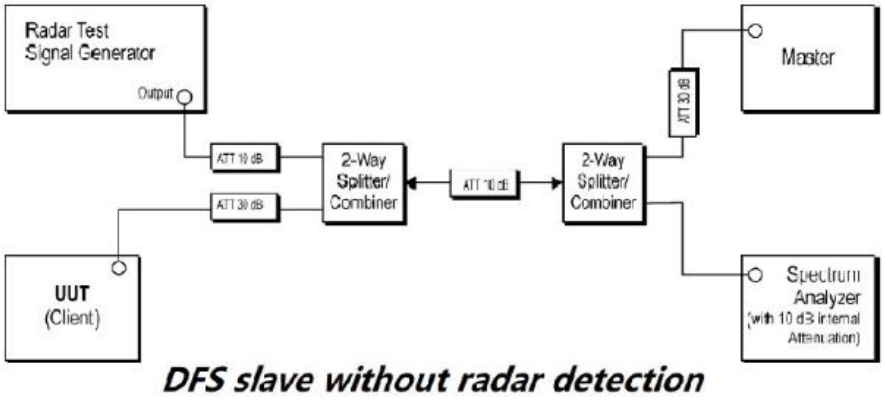
Operating Environment:

Temperature: 25 °C Humidity: 51 % RH Atmospheric Pressure: 995 mbar

7.12.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	Normal operating_Keep the EUT communication with the companion device.

7.12.3 Test Setup Diagram



DFS slave without radar detection

7.12.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.13 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1

Test Method: KDB 905462 D02 Section 7.8.3

Limit:

Test item	Limit	Applicability	
		Master Device or client with Radar Detection	Client without Radar Detection
Non-occupancy period	Minimum 30 minutes	Yes	Not required
Channel Availability Check Time	60 seconds	Yes	Not required
Channel Move Time	10 seconds See Note 1.	Yes	Yes
Channel Closing Transmission Time	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.	Yes	Yes
U-NII Detection Bandwidth	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.	Yes	Not required
Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions. Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.			

7.13.1 E.U.T. Operation

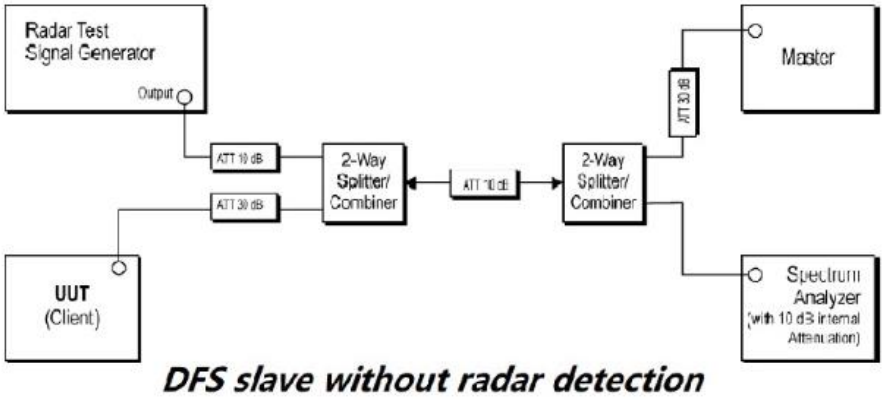
Operating Environment:

Temperature: 25 °C Humidity: 51 % RH Atmospheric Pressure: 995 mbar

7.13.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	11	Normal operating_Keep the EUT communication with the companion device.

7.13.3 Test Setup Diagram



DFS slave without radar detection

7.13.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

7.14 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

* Frequency in CFR 15.205 Restricted Band.

Note: Frequency in non-Restricted Band:

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

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

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

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

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

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

7.14.1 E.U.T. Operation

Operating Environment:

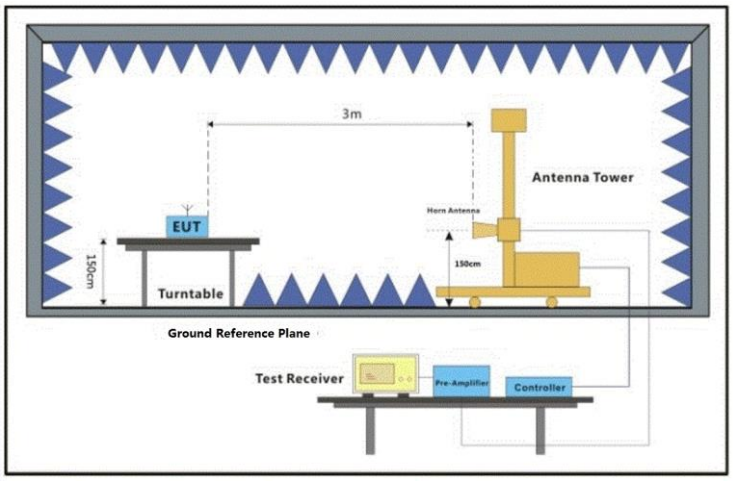
Temperature: 25.5 °C Humidity: 52 % RH Atmospheric Pressure: 995 mbar

7.14.2 Test Mode Description

Pre-scan / Mode Description

Final test	Code	
Final test	07	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 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	08	TX mode (U-NII-2A)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	09	TX mode (U-NII-2C)_Keep the EUT in continuously transmitting mode with all modulation types.All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.
Final test	10	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.

7.14.3 Test Setup Diagram



7.14.4 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.

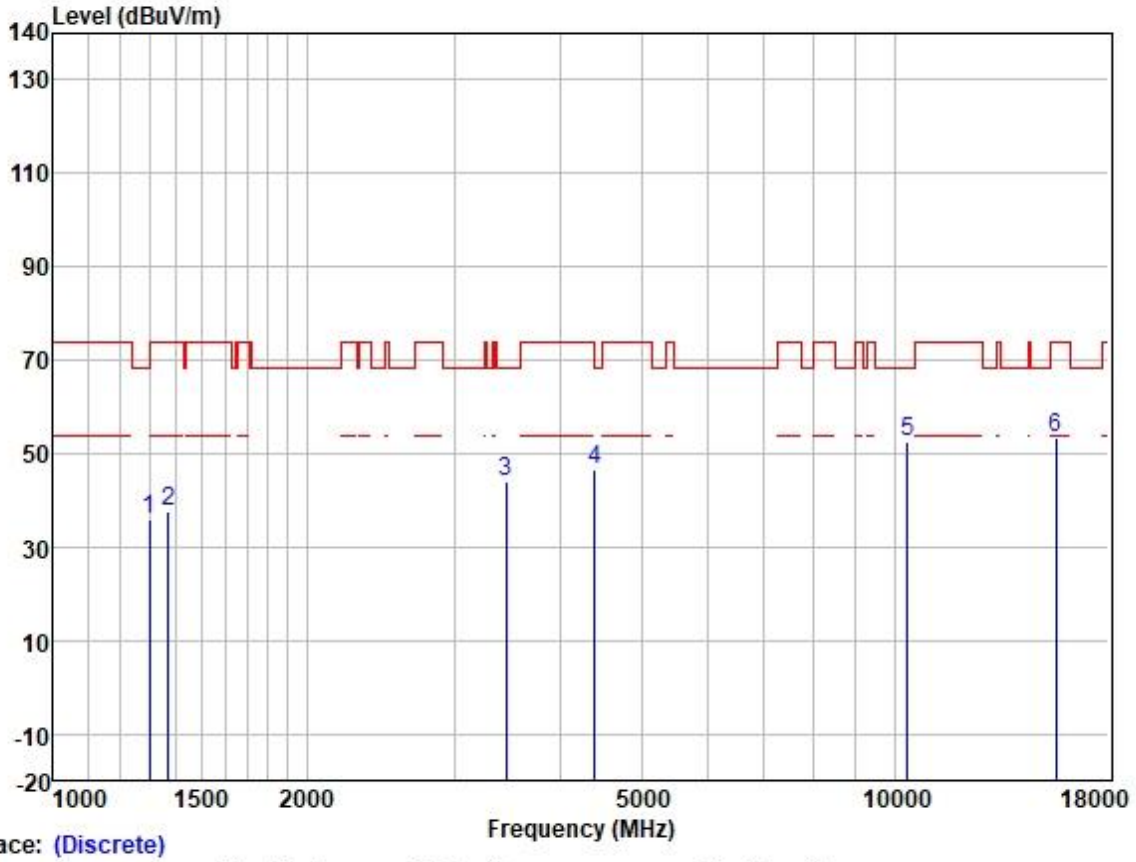
Remark:

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.

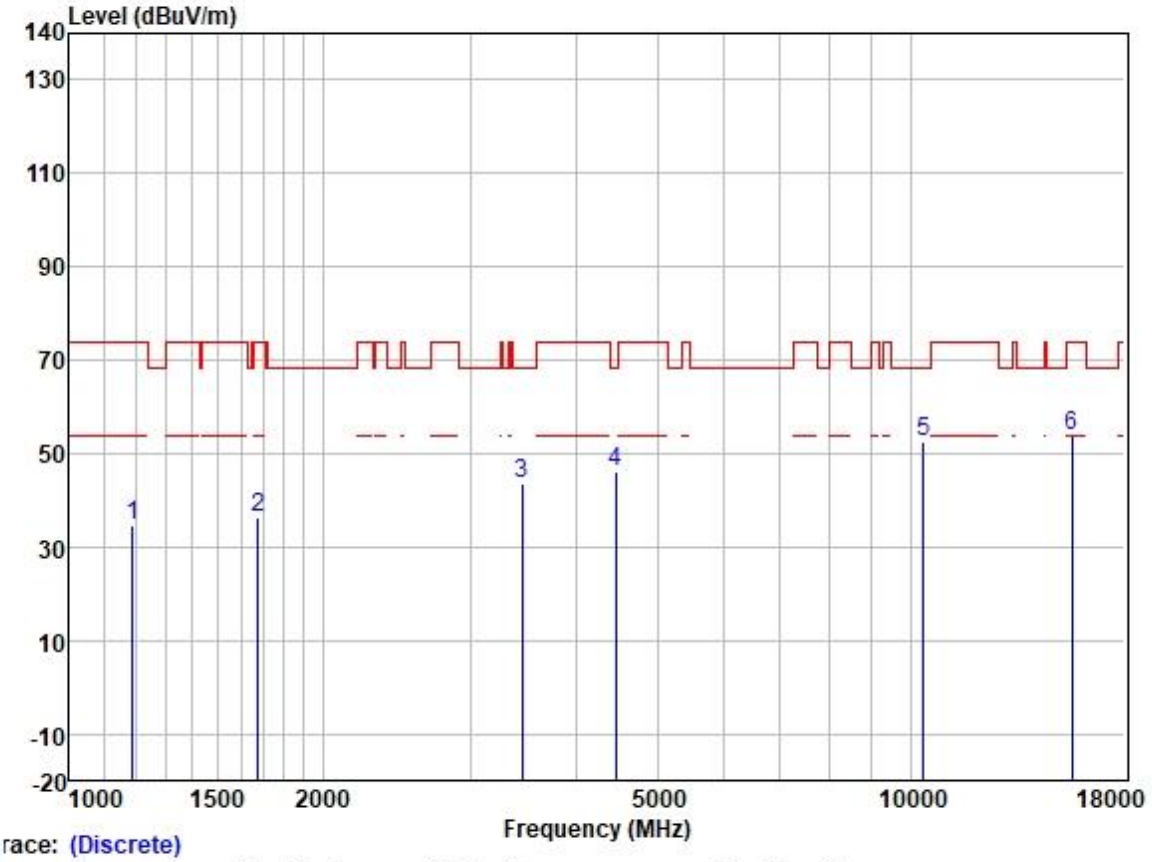
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Trace: (Discrete)

	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	1300.858	46.45	25.20	2.60	38.31	35.94	74.00	-38.06	HORIZONTAL	Peak
2	1370.328	47.88	25.35	2.60	38.25	37.58	74.00	-36.42	HORIZONTAL	Peak
3	3455.508	47.95	28.88	4.20	36.96	44.07	68.20	-24.13	HORIZONTAL	Peak
4	4405.090	47.93	30.68	4.70	36.81	46.50	68.20	-21.70	HORIZONTAL	Peak
5	10360.000	43.40	39.28	7.29	37.37	52.60	68.20	-15.60	HORIZONTAL	Peak
6	15540.000	39.68	39.05	9.88	35.39	53.22	74.00	-20.78	HORIZONTAL	Peak

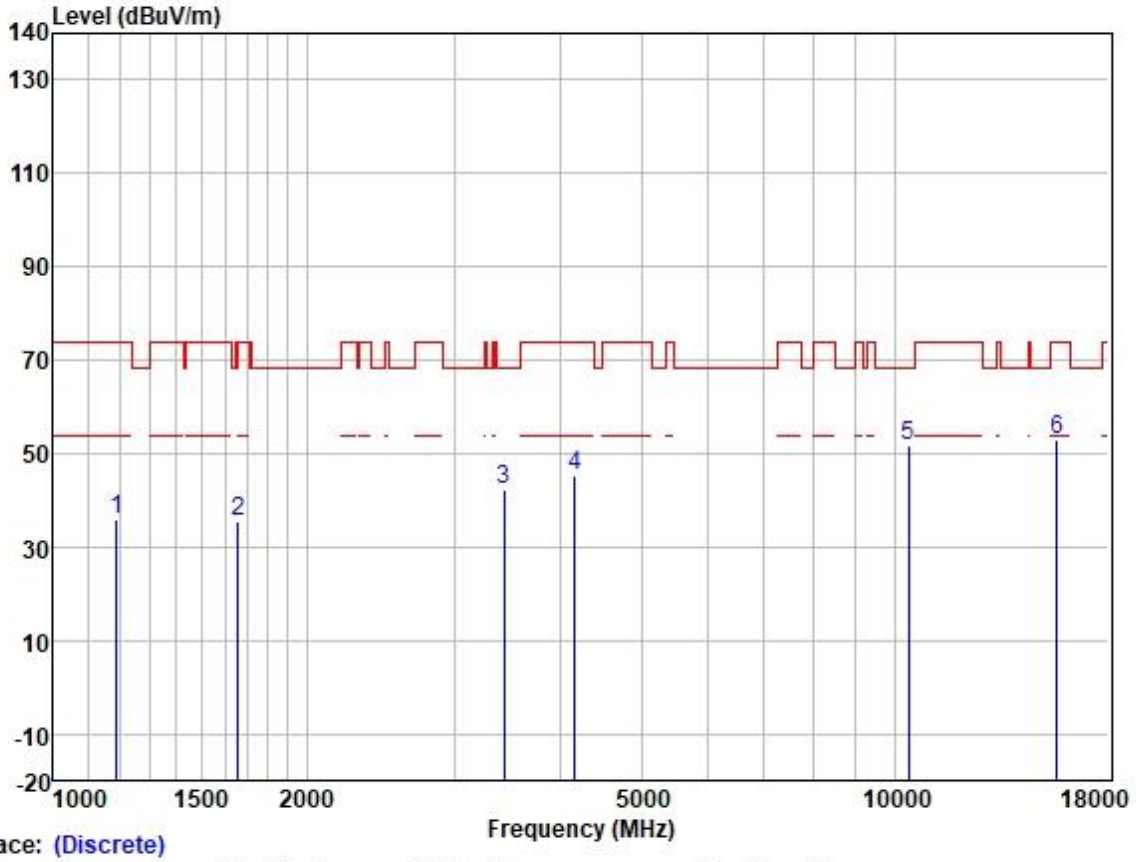
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1189.368	46.00	24.63	2.36	38.39	34.60	74.00	-39.40	VERTICAL	Peak
2	1677.621	45.67	25.68	2.80	37.91	36.24	74.00	-37.76	VERTICAL	Peak
3	3455.508	47.63	28.88	4.20	36.96	43.75	68.20	-24.45	VERTICAL	Peak
4	4456.315	47.43	30.75	4.88	36.81	46.25	68.20	-21.95	VERTICAL	Peak
5	10360.000	43.41	39.28	7.29	37.37	52.61	68.20	-15.59	VERTICAL	Peak
6	15540.000	40.19	39.05	9.88	35.39	53.73	74.00	-20.27	VERTICAL	Peak

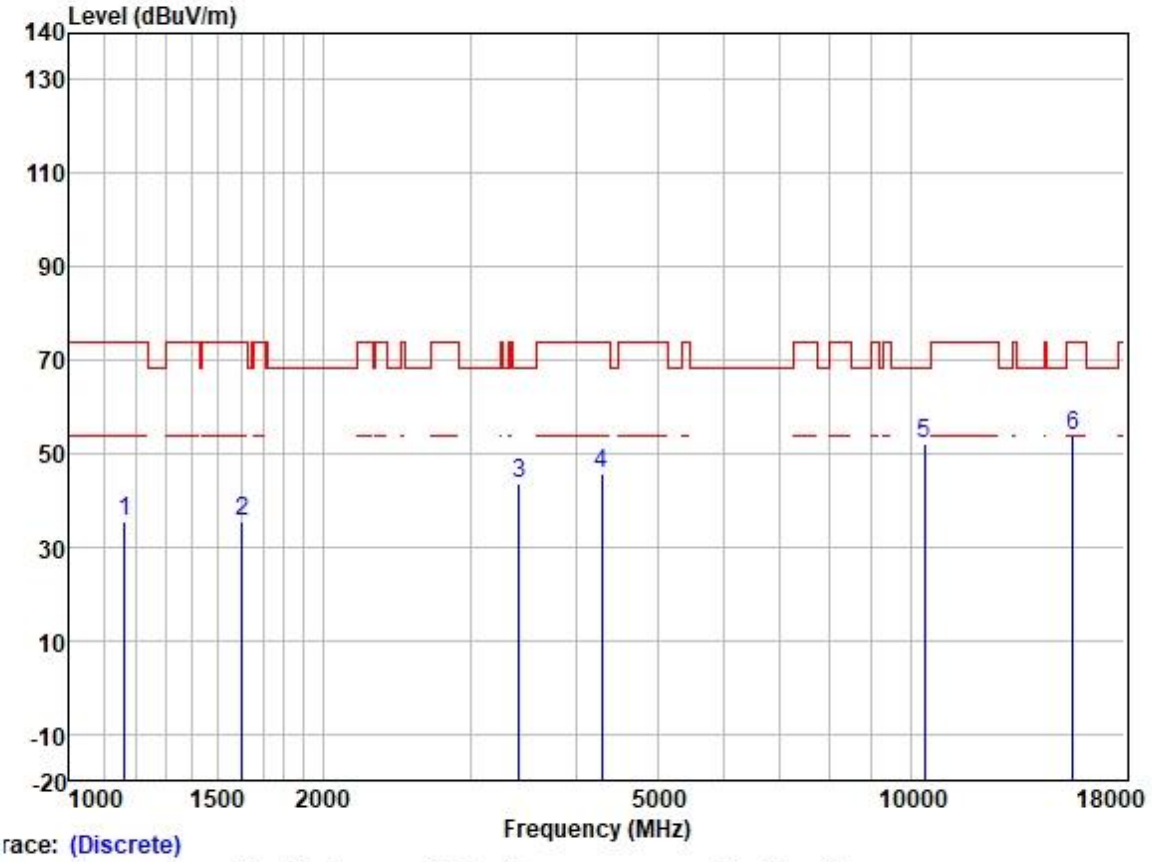
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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	1189.368	47.36	24.63	2.36	38.39	35.96	74.00	-38.04	HORIZONTAL	Peak
2	1658.337	44.79	25.65	2.80	37.93	35.31	68.20	-32.89	HORIZONTAL	Peak
3	3435.590	46.24	28.87	4.16	36.97	42.30	68.20	-25.90	HORIZONTAL	Peak
4	4169.698	47.36	30.09	4.60	36.80	45.25	74.00	-28.75	HORIZONTAL	Peak
5	10400.000	42.49	39.33	7.32	37.36	51.78	68.20	-16.42	HORIZONTAL	Peak
6	15600.000	39.60	38.99	9.88	35.39	53.08	74.00	-20.92	HORIZONTAL	Peak

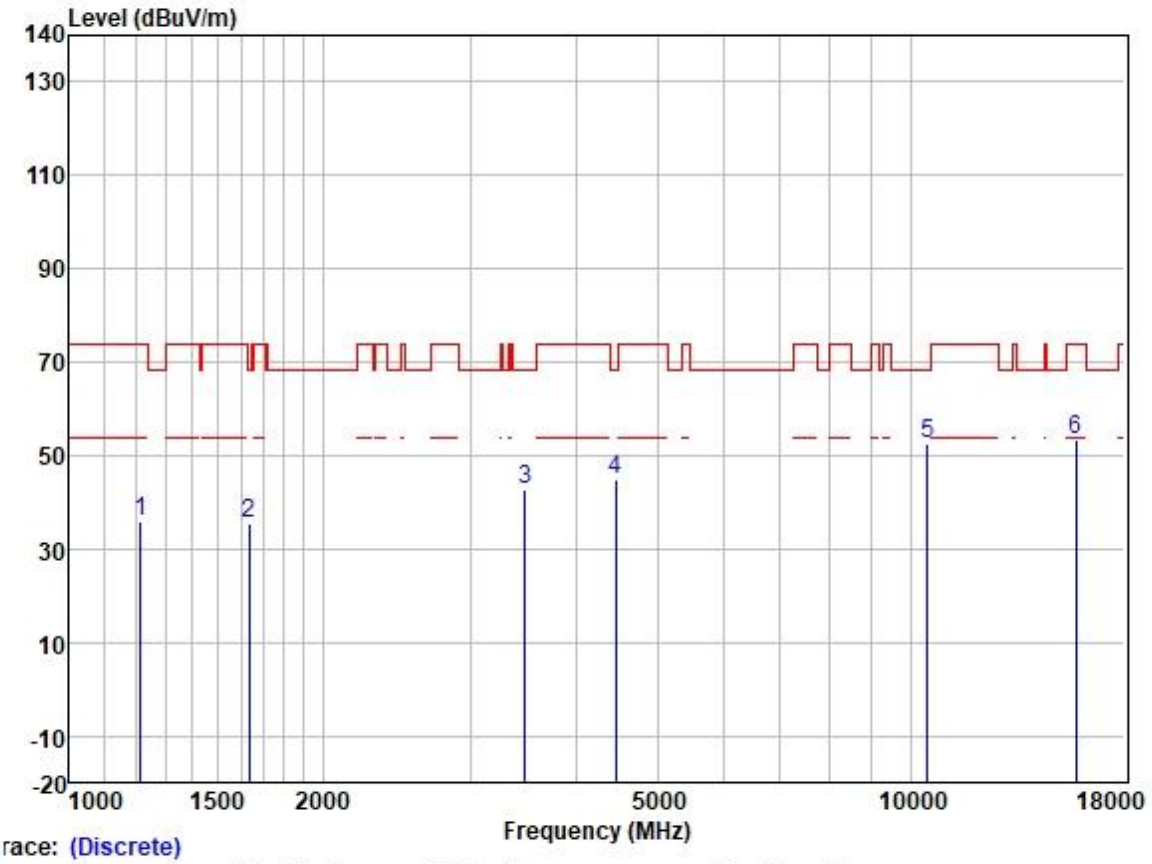
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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	1162.182	47.14	24.53	2.40	38.42	35.65	74.00	-38.35	VERTICAL	Peak
2	1606.441	45.15	25.59	2.80	37.98	35.56	74.00	-38.44	VERTICAL	Peak
3	3425.675	47.39	28.86	4.15	36.97	43.43	68.20	-24.77	VERTICAL	Peak
4	4291.977	47.34	30.45	4.64	36.81	45.62	74.00	-28.38	VERTICAL	Peak
5	10400.000	42.61	39.33	7.32	37.36	51.90	68.20	-16.30	VERTICAL	Peak
6	15600.000	40.42	38.99	9.88	35.39	53.90	74.00	-20.10	VERTICAL	Peak

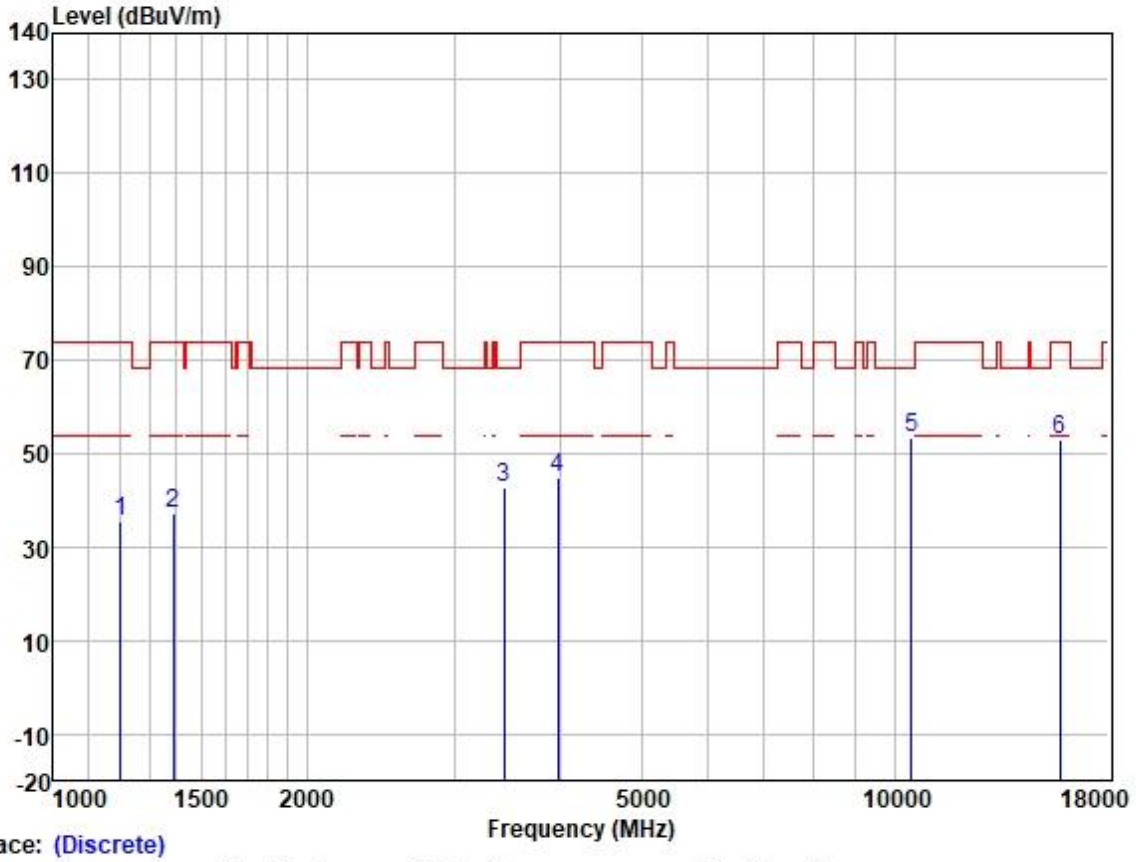
Test Mode: 07; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1213.677	47.14	24.77	2.32	38.37	35.86	74.00	-38.14	HORIZONTAL	Peak
2	1634.543	45.15	25.62	2.80	37.95	35.62	68.20	-32.58	HORIZONTAL	Peak
3	3485.601	46.34	28.89	4.27	36.95	42.55	68.20	-25.65	HORIZONTAL	Peak
4	4456.315	46.21	30.75	4.88	36.81	45.03	68.20	-23.17	HORIZONTAL	Peak
5	10480.000	43.07	39.46	7.40	37.36	52.57	68.20	-15.63	HORIZONTAL	Peak
6	15720.000	40.00	38.78	9.87	35.39	53.26	74.00	-20.74	HORIZONTAL	Peak

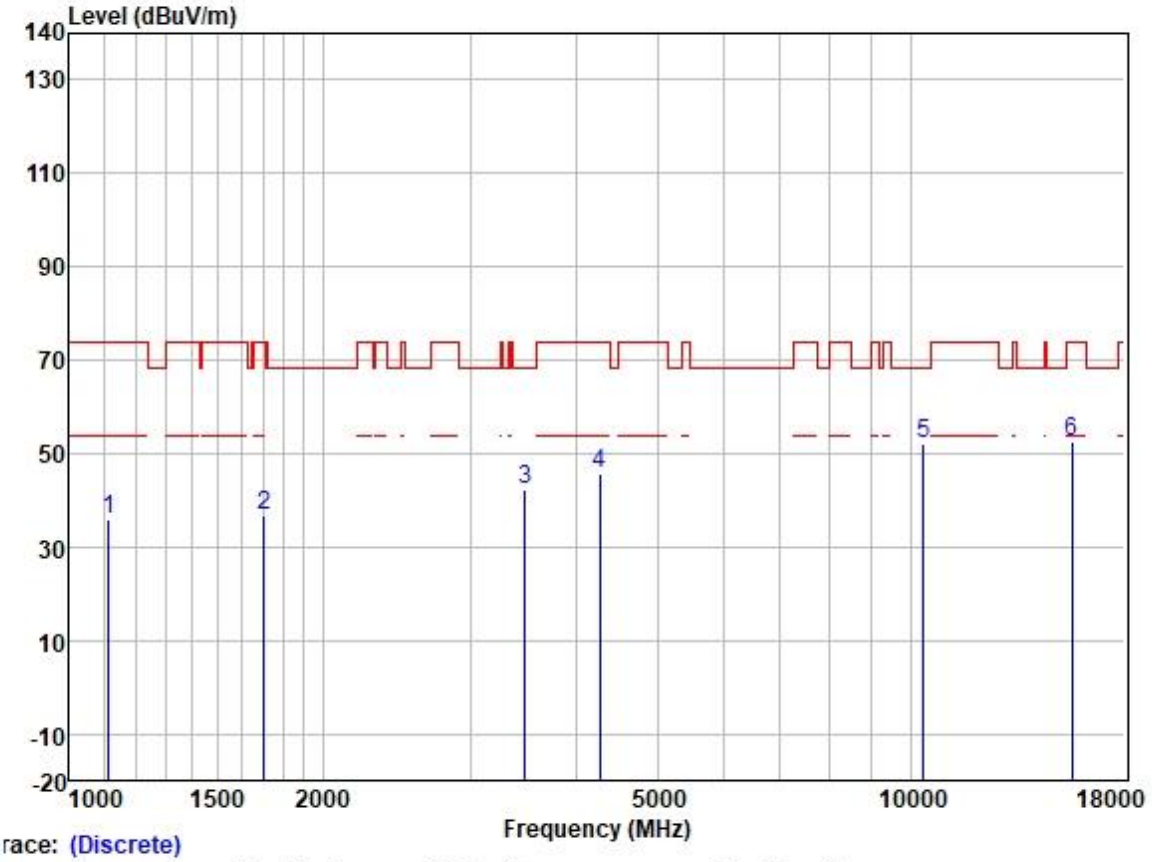
Test Mode: 07; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	1203.199	47.00	24.70	2.34	38.39	35.65	74.00	-38.35	VERTICAL	Peak
2	1390.276	47.41	25.38	2.60	38.22	37.17	74.00	-36.83	VERTICAL	Peak
3	3435.590	46.79	28.87	4.16	36.97	42.85	68.20	-25.35	VERTICAL	Peak
4	3981.257	47.48	29.78	4.60	36.81	45.05	74.00	-28.95	VERTICAL	Peak
5	10480.000	43.76	39.46	7.40	37.36	53.26	68.20	-14.94	VERTICAL	Peak
6	15720.000	39.79	38.78	9.87	35.39	53.05	74.00	-20.95	VERTICAL	Peak

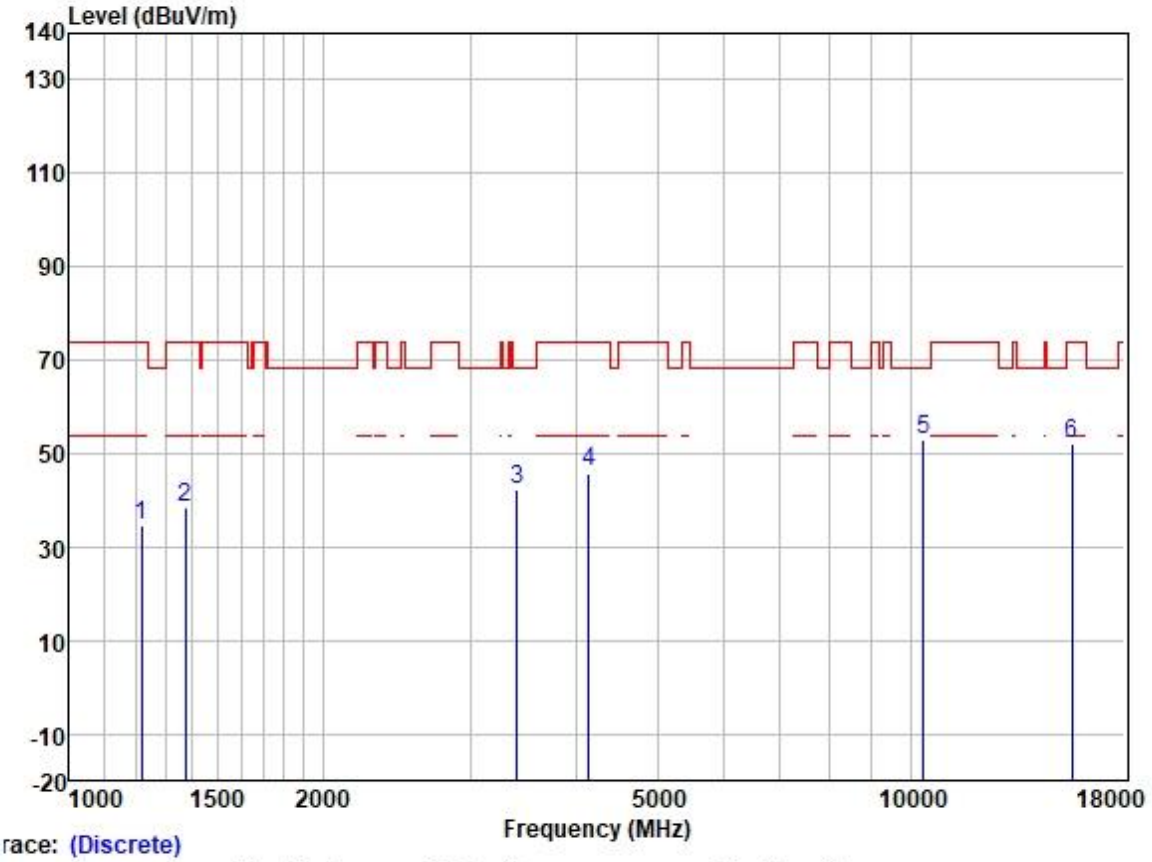
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1112.872	47.69	24.39	2.26	38.43	35.91	74.00	-38.09	HORIZONTAL	Peak
2	1702.042	46.23	25.72	2.80	37.89	36.86	74.00	-37.14	HORIZONTAL	Peak
3	3485.601	46.09	28.89	4.27	36.95	42.30	68.20	-25.90	HORIZONTAL	Peak
4	4267.237	47.36	30.38	4.63	36.81	45.56	74.00	-28.44	HORIZONTAL	Peak
5	10360.000	43.08	39.28	7.29	37.37	52.28	68.20	-15.92	HORIZONTAL	Peak
6	15540.000	38.98	39.05	9.88	35.39	52.52	74.00	-21.48	HORIZONTAL	Peak

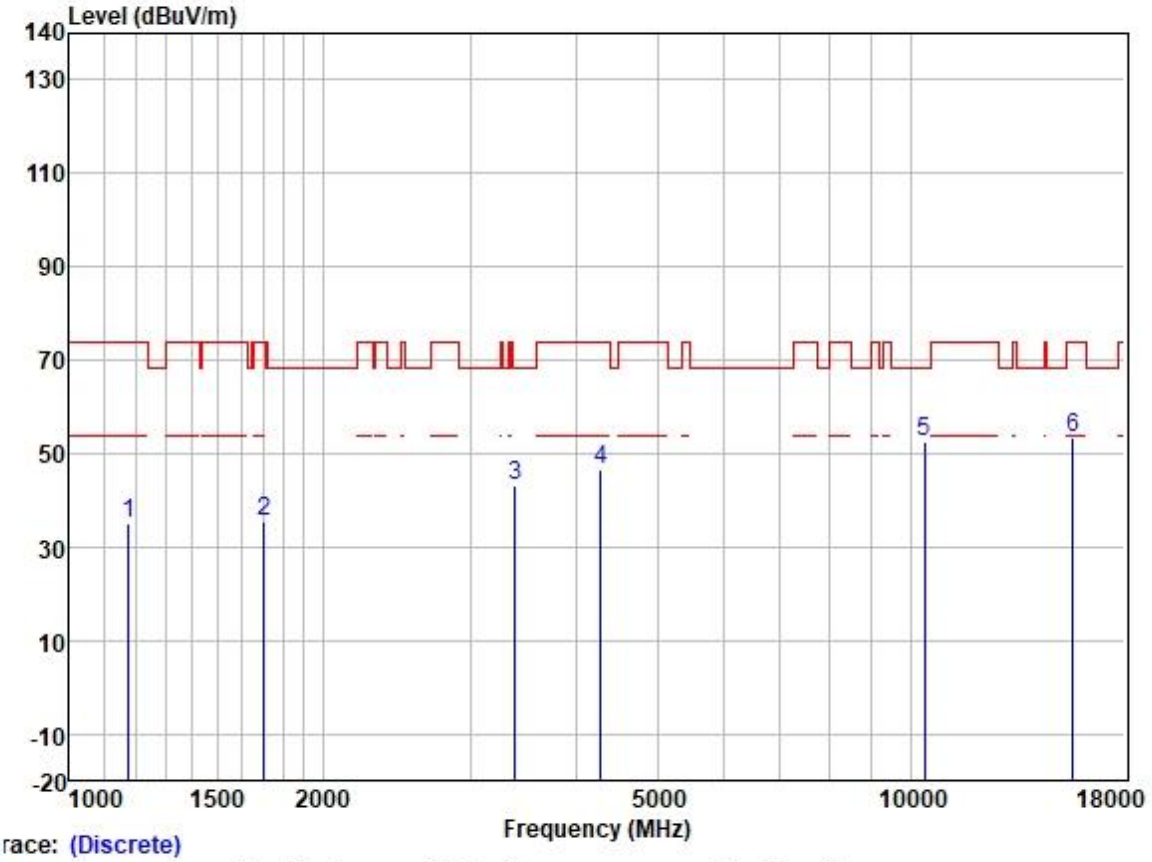
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	1217.190	45.95	24.79	2.32	38.37	34.69	74.00	-39.31	VERTICAL	Peak
2	1374.295	48.72	25.35	2.60	38.25	38.42	74.00	-35.58	VERTICAL	Peak
3	3405.929	46.47	28.85	4.11	36.98	42.45	68.20	-25.75	VERTICAL	Peak
4	4145.664	48.09	30.03	4.60	36.80	45.92	74.00	-28.08	VERTICAL	Peak
5	10360.000	43.84	39.28	7.29	37.37	53.04	68.20	-15.16	VERTICAL	Peak
6	15540.000	38.50	39.05	9.88	35.39	52.04	74.00	-21.96	VERTICAL	Peak

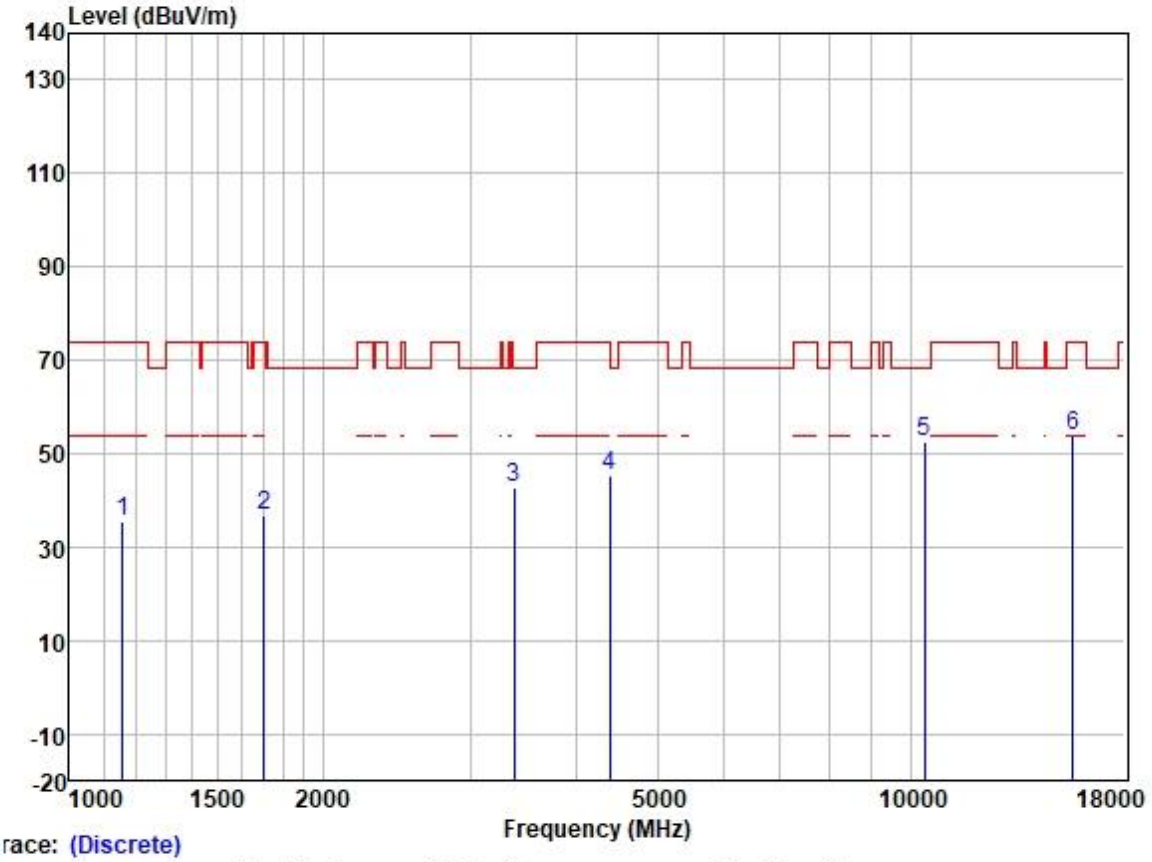
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1175.697	46.47	24.58	2.38	38.40	35.03	74.00	-38.97	HORIZONTAL	Peak
2	1702.042	44.64	25.72	2.80	37.89	35.27	74.00	-38.73	HORIZONTAL	Peak
3	3386.297	47.26	28.83	4.10	36.99	43.20	68.20	-25.00	HORIZONTAL	Peak
4	4279.589	48.21	30.42	4.63	36.81	46.45	74.00	-27.55	HORIZONTAL	Peak
5	10400.000	43.09	39.33	7.32	37.36	52.38	68.20	-15.82	HORIZONTAL	Peak
6	15600.000	39.75	38.99	9.88	35.39	53.23	74.00	-20.77	HORIZONTAL	Peak

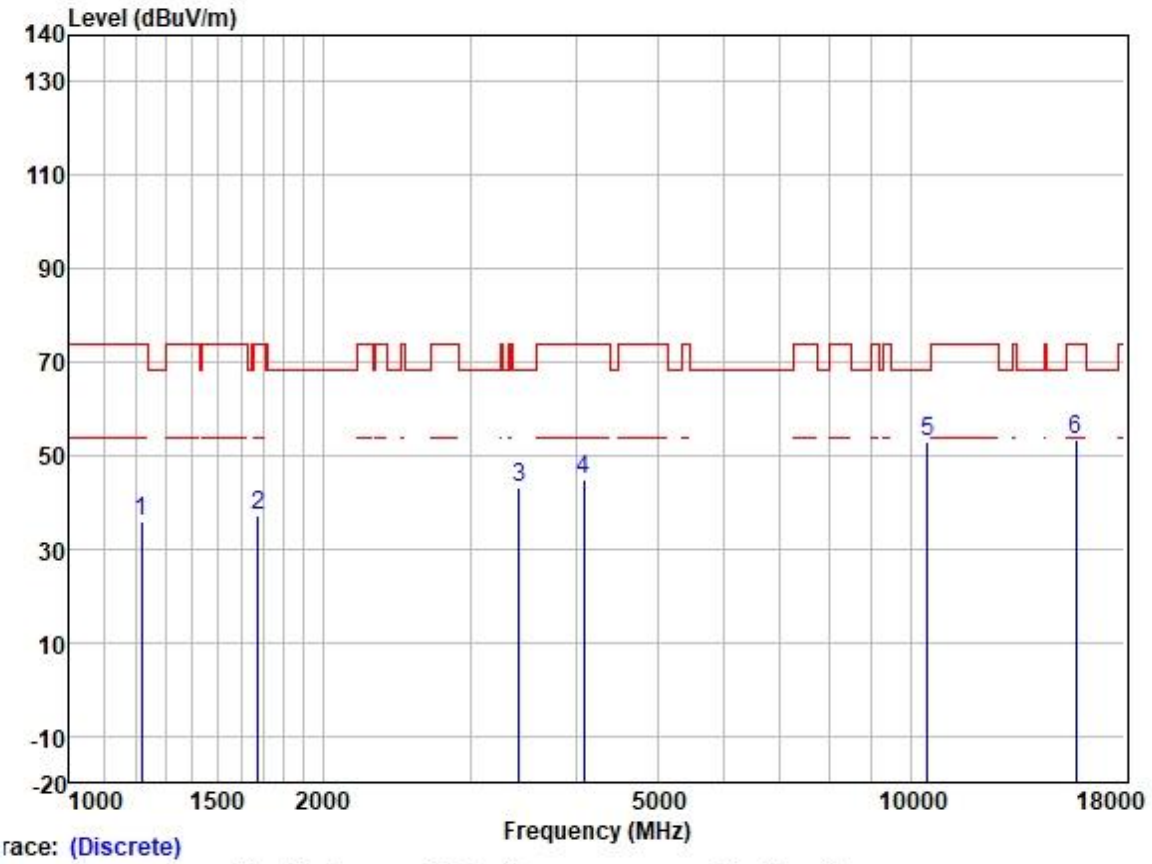
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1155.483	46.98	24.51	2.38	38.42	35.45	74.00	-38.55	VERTICAL	Peak
2	1702.042	46.06	25.72	2.80	37.89	36.69	74.00	-37.31	VERTICAL	Peak
3	3376.523	46.87	28.83	4.09	36.99	42.80	68.20	-25.40	VERTICAL	Peak
4	4392.376	46.78	30.66	4.70	36.81	45.33	74.00	-28.67	VERTICAL	Peak
5	10400.000	43.31	39.33	7.32	37.36	52.60	68.20	-15.60	VERTICAL	Peak
6	15600.000	40.47	38.99	9.88	35.39	53.95	74.00	-20.05	VERTICAL	Peak

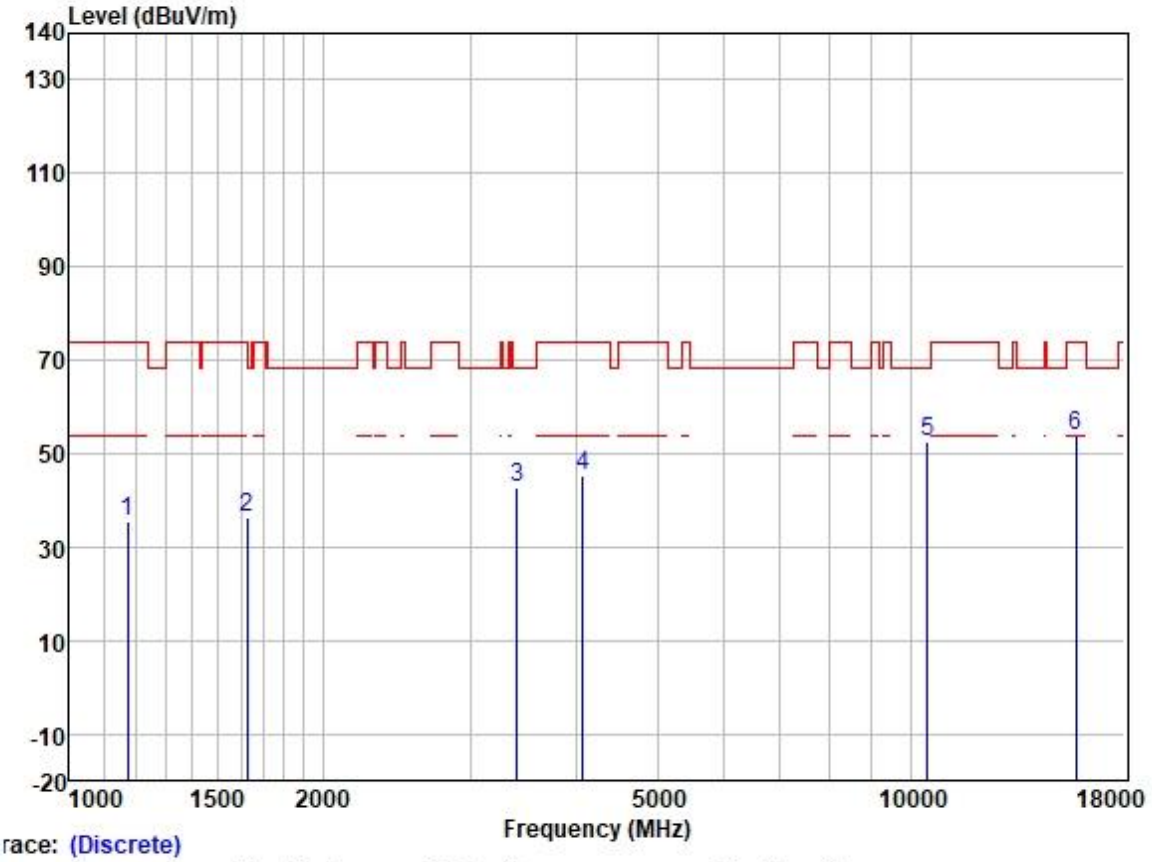
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1217.190	47.30	24.79	2.32	38.37	36.04	74.00	-37.96	HORIZONTAL	Peak
2	1677.621	46.75	25.68	2.80	37.91	37.32	74.00	-36.68	HORIZONTAL	Peak
3	3425.675	47.01	28.86	4.15	36.97	43.05	68.20	-25.15	HORIZONTAL	Peak
4	4086.182	47.00	29.92	4.60	36.80	44.72	74.00	-29.28	HORIZONTAL	Peak
5	10480.000	43.42	39.46	7.40	37.36	52.92	68.20	-15.28	HORIZONTAL	Peak
6	15720.000	40.20	38.78	9.87	35.39	53.46	74.00	-20.54	HORIZONTAL	Peak

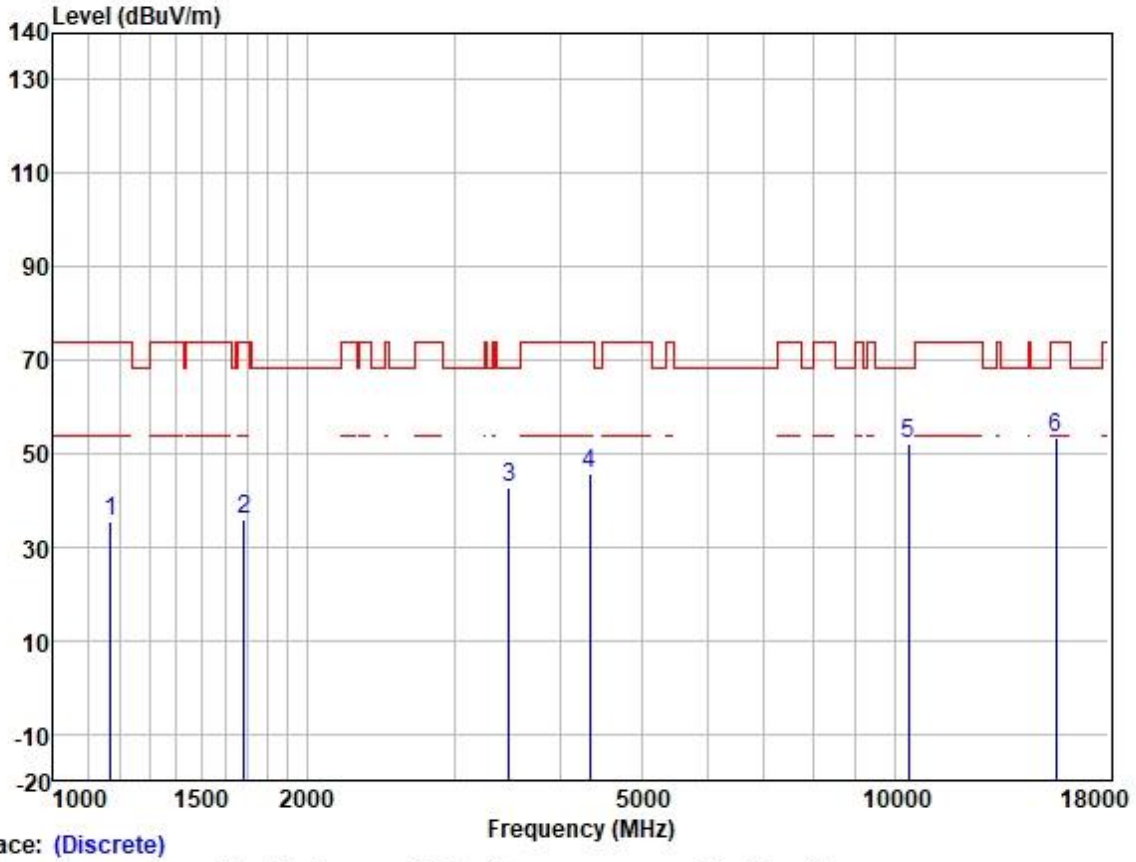
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1172.303	47.03	24.56	2.39	38.40	35.58	74.00	-38.42	VERTICAL	Peak
2	1625.121	45.94	25.61	2.80	37.95	36.40	74.00	-37.60	VERTICAL	Peak
3	3405.929	46.53	28.85	4.11	36.98	42.51	68.20	-25.69	VERTICAL	Peak
4	4074.388	47.65	29.90	4.60	36.80	45.35	74.00	-28.65	VERTICAL	Peak
5	10480.000	43.22	39.46	7.40	37.36	52.72	68.20	-15.48	VERTICAL	Peak
6	15720.000	40.52	38.78	9.87	35.39	53.78	74.00	-20.22	VERTICAL	Peak

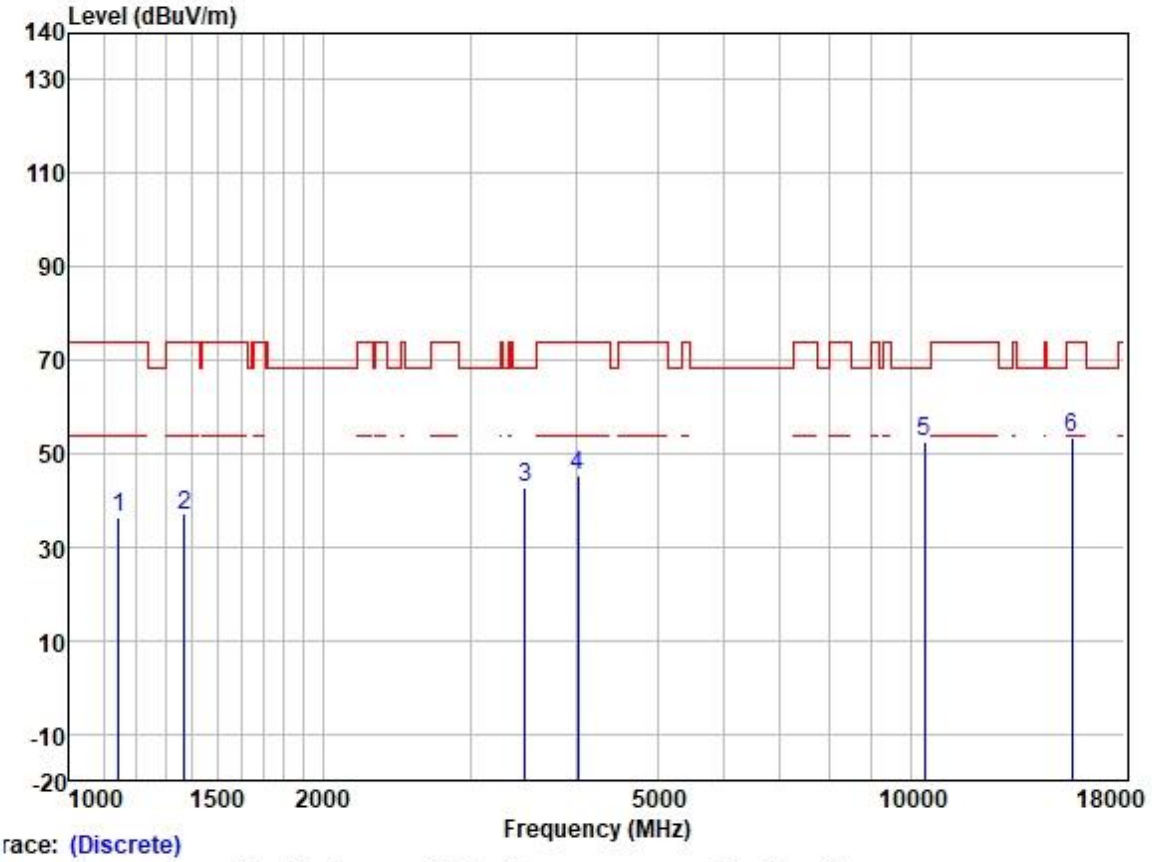
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1168.920	47.02	24.55	2.39	38.40	35.56	74.00	-38.44	HORIZONTAL	Peak
2	1687.347	45.31	25.69	2.80	37.91	35.89	74.00	-38.11	HORIZONTAL	Peak
3	3485.601	46.72	28.89	4.27	36.95	42.93	68.20	-25.27	HORIZONTAL	Peak
4	4341.886	47.29	30.57	4.67	36.81	45.72	74.00	-28.28	HORIZONTAL	Peak
5	10380.000	42.73	39.33	7.32	37.37	52.01	68.20	-16.19	HORIZONTAL	Peak
6	15570.000	39.75	38.99	9.88	35.39	53.23	74.00	-20.77	HORIZONTAL	Peak

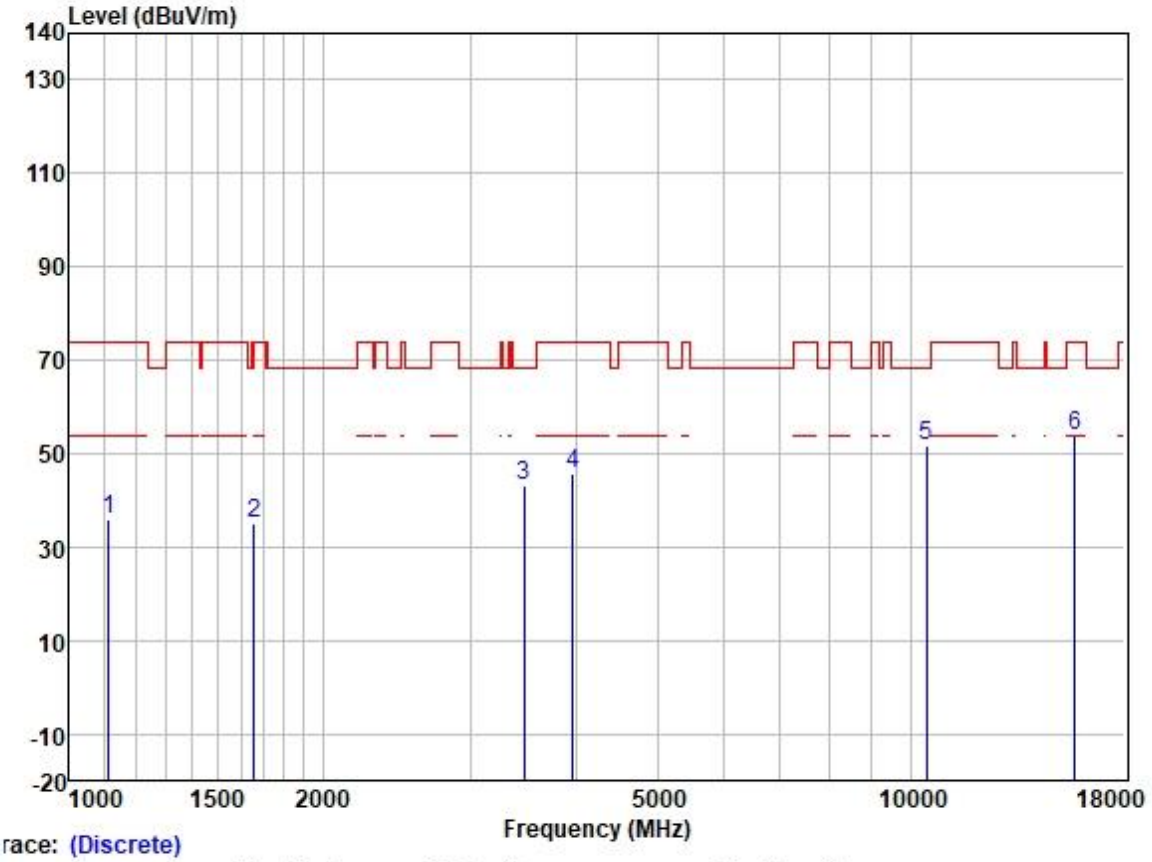
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1145.507	47.75	24.48	2.32	38.42	36.13	74.00	-37.87	VERTICAL	Peak
2	1370.328	47.26	25.35	2.60	38.25	36.96	74.00	-37.04	VERTICAL	Peak
3	3485.601	46.65	28.89	4.27	36.95	42.86	68.20	-25.34	VERTICAL	Peak
4	4027.554	47.66	29.83	4.60	36.80	45.29	74.00	-28.71	VERTICAL	Peak
5	10380.000	43.24	39.33	7.32	37.37	52.52	68.20	-15.68	VERTICAL	Peak
6	15570.000	39.83	38.99	9.88	35.39	53.31	74.00	-20.69	VERTICAL	Peak

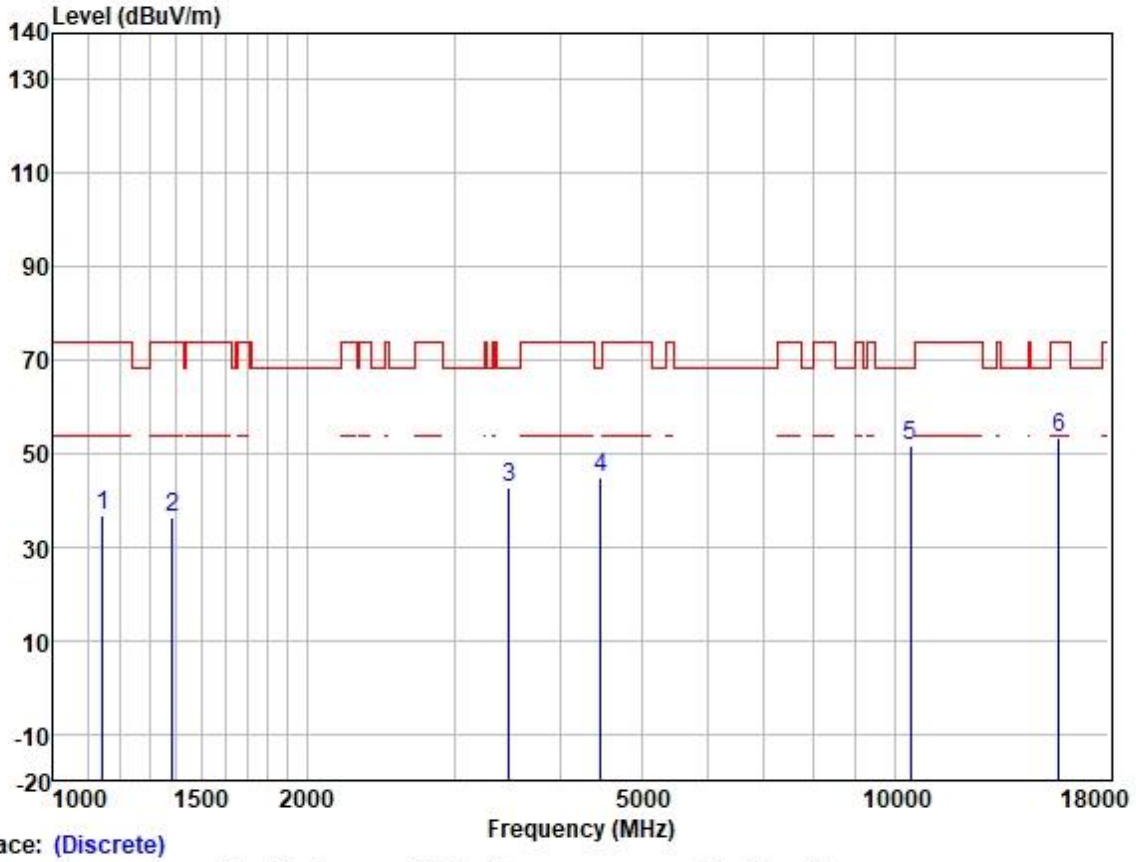
Test Mode: 07; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1112.872	47.56	24.39	2.26	38.43	35.78	74.00	-38.22	HORIZONTAL	Peak
2	1658.337	44.70	25.65	2.80	37.93	35.22	68.20	-32.98	HORIZONTAL	Peak
3	3475.541	46.99	28.89	4.25	36.95	43.18	68.20	-25.02	HORIZONTAL	Peak
4	3969.767	48.32	29.77	4.60	36.81	45.88	74.00	-28.12	HORIZONTAL	Peak
5	10460.000	42.14	39.42	7.37	37.36	51.57	68.20	-16.63	HORIZONTAL	Peak
6	15690.000	40.29	38.86	9.87	35.39	53.63	74.00	-20.37	HORIZONTAL	Peak

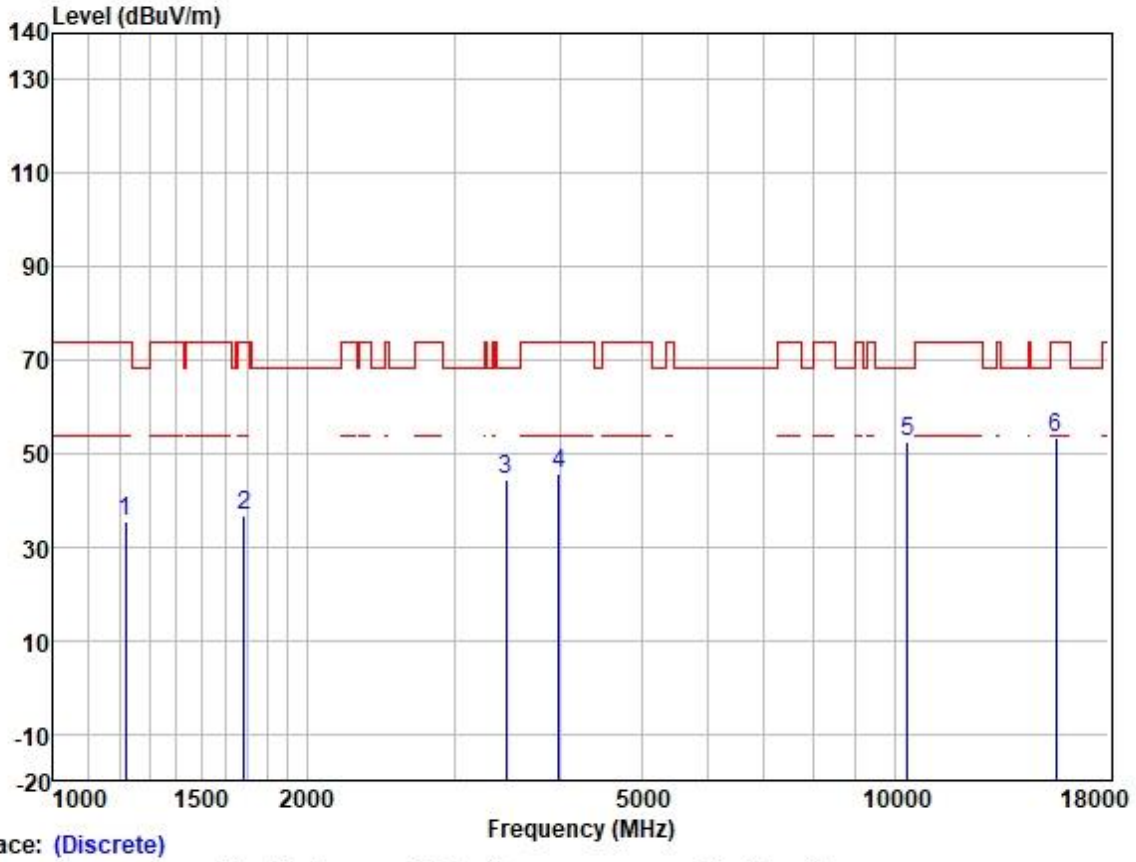
Test Mode: 07; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



race: (Discrete)

	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	1145.507	48.31	24.48	2.32	38.42	36.69	74.00	-37.31	VERTICAL	Peak
2	1386.264	46.40	25.37	2.60	38.25	36.12	74.00	-37.88	VERTICAL	Peak
3	3485.601	46.41	28.89	4.27	36.95	42.62	68.20	-25.58	VERTICAL	Peak
4	4469.214	45.92	30.77	4.93	36.81	44.81	68.20	-23.39	VERTICAL	Peak
5	10460.000	42.29	39.42	7.37	37.36	51.72	68.20	-16.48	VERTICAL	Peak
6	15690.000	40.07	38.86	9.87	35.39	53.41	74.00	-20.59	VERTICAL	Peak

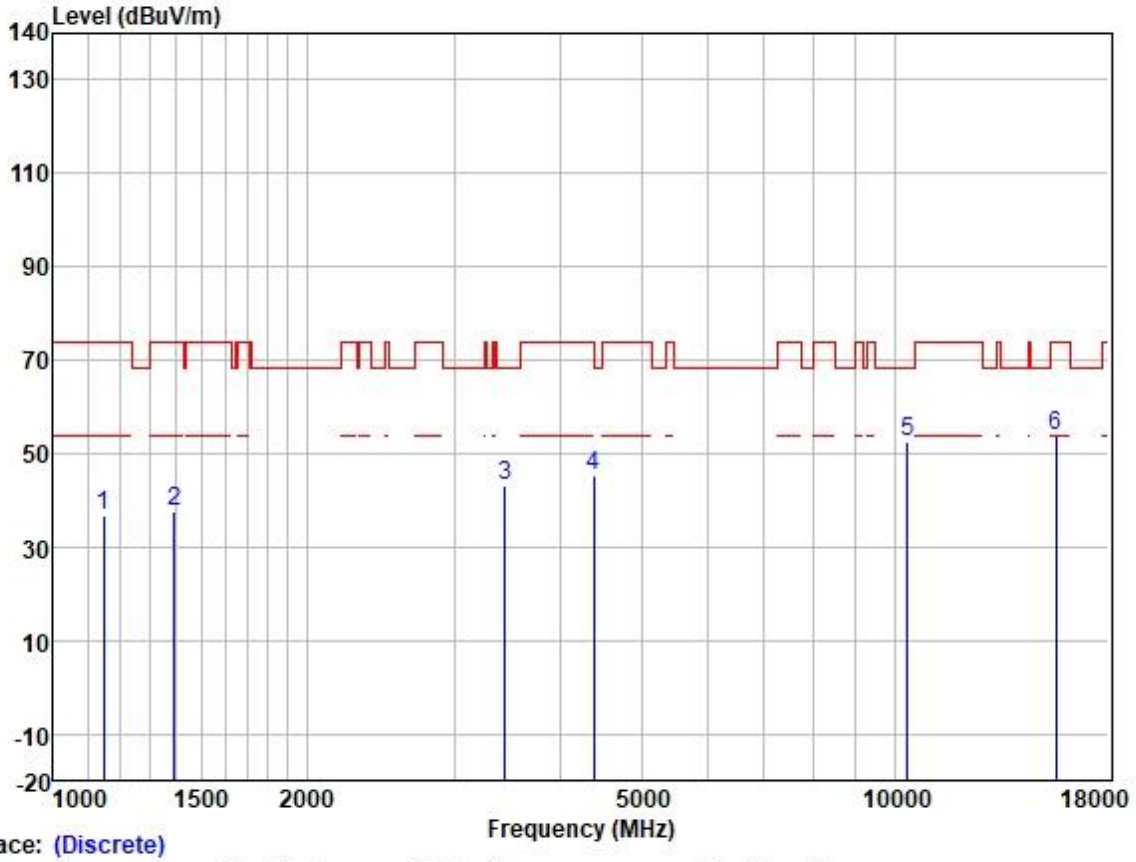
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1217.190	46.88	24.79	2.32	38.37	35.62	74.00	-38.38	HORIZONTAL	Peak
2	1687.347	46.36	25.69	2.80	37.91	36.94	74.00	-37.06	HORIZONTAL	Peak
3	3455.508	48.24	28.88	4.20	36.96	44.36	68.20	-23.84	HORIZONTAL	Peak
4	3992.781	48.01	29.79	4.60	36.80	45.60	74.00	-28.40	HORIZONTAL	Peak
5	10360.000	43.50	39.28	7.29	37.37	52.70	68.20	-15.50	HORIZONTAL	Peak
6	15540.000	40.03	39.05	9.88	35.39	53.57	74.00	-20.43	HORIZONTAL	Peak

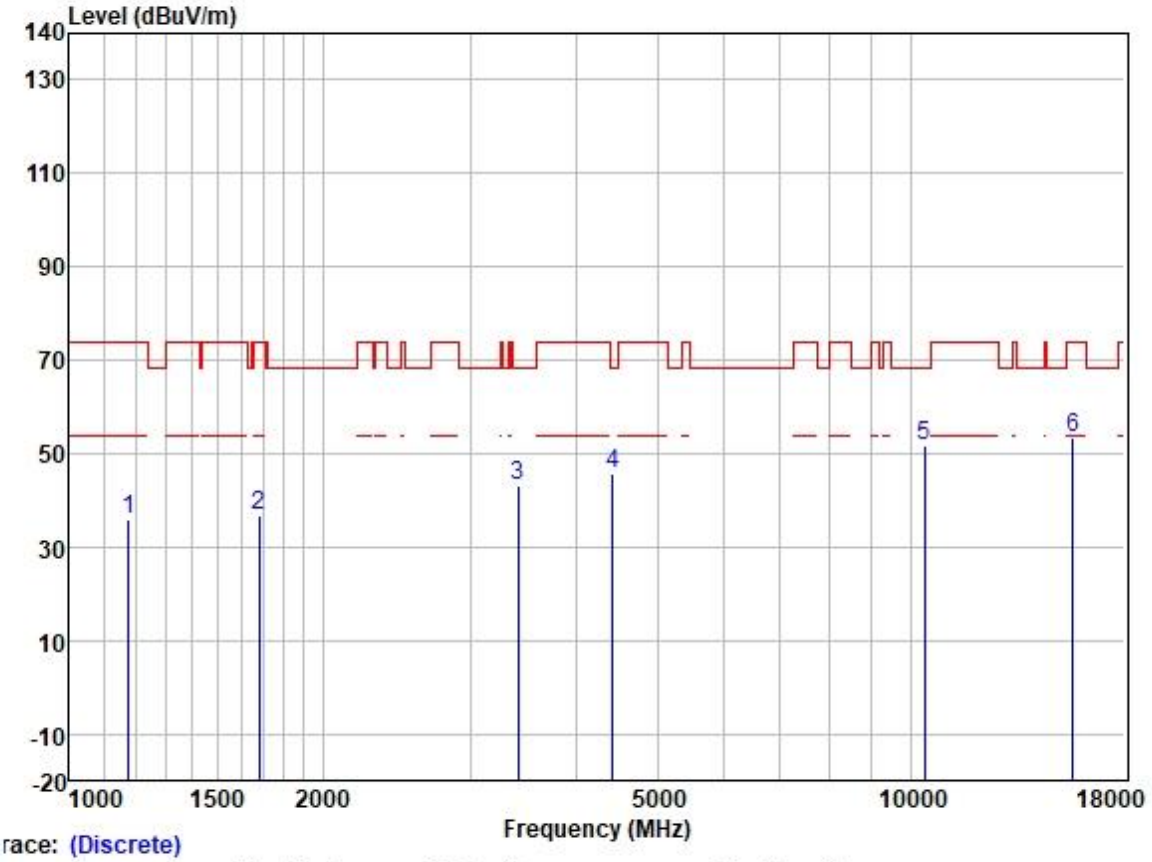
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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	1148.823	48.14	24.49	2.34	38.42	36.55	74.00	-37.45	VERTICAL	Peak
2	1394.300	47.77	25.38	2.60	38.22	37.53	74.00	-36.47	VERTICAL	Peak
3	3445.535	46.93	28.87	4.18	36.96	43.02	68.20	-25.18	VERTICAL	Peak
4	4392.376	46.72	30.66	4.70	36.81	45.27	74.00	-28.73	VERTICAL	Peak
5	10360.000	43.38	39.28	7.29	37.37	52.58	68.20	-15.62	VERTICAL	Peak
6	15540.000	40.25	39.05	9.88	35.39	53.79	74.00	-20.21	VERTICAL	Peak

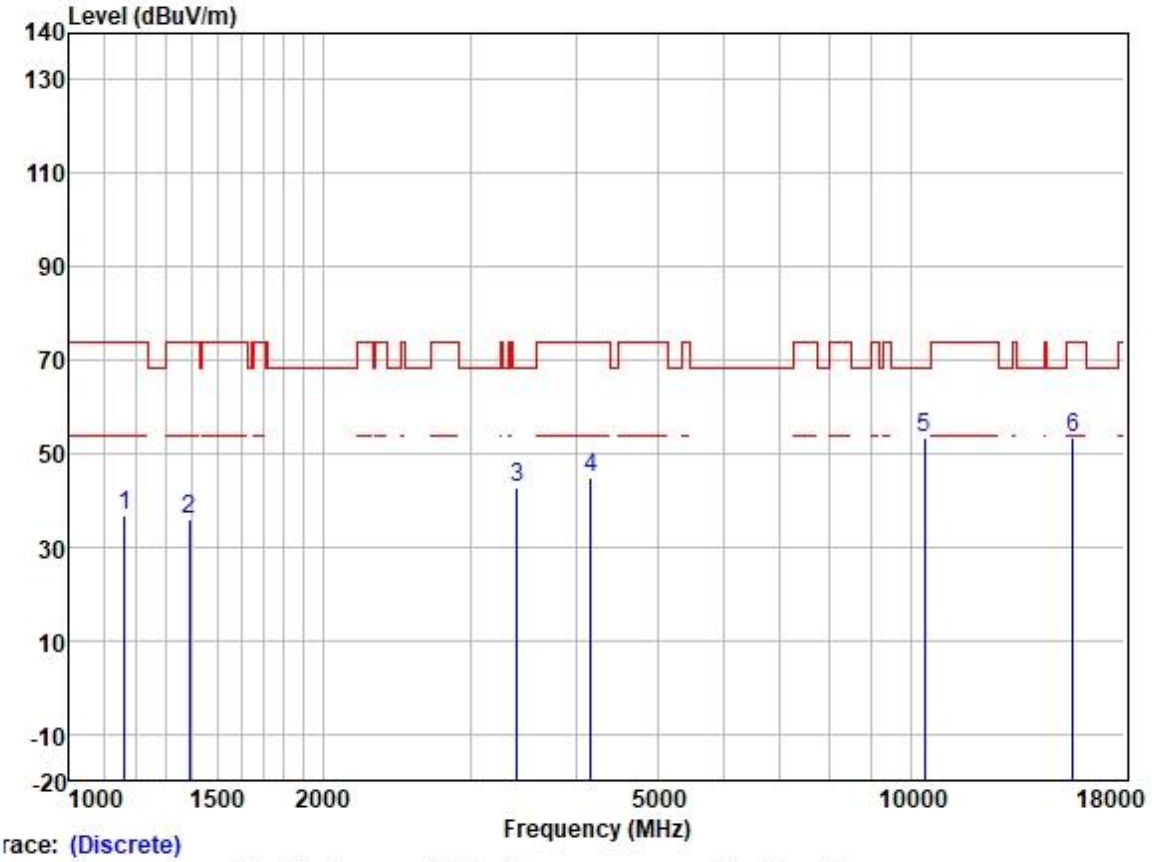
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1175.697	47.29	24.58	2.38	38.40	35.85	74.00	-38.15	HORIZONTAL	Peak
2	1682.477	46.13	25.68	2.80	37.91	36.70	74.00	-37.30	HORIZONTAL	Peak
3	3415.787	47.16	28.85	4.13	36.97	43.17	68.20	-25.03	HORIZONTAL	Peak
4	4430.628	46.94	30.72	4.78	36.81	45.63	68.20	-22.57	HORIZONTAL	Peak
5	10400.000	42.37	39.33	7.32	37.36	51.66	68.20	-16.54	HORIZONTAL	Peak
6	15600.000	39.73	38.99	9.88	35.39	53.21	74.00	-20.79	HORIZONTAL	Peak

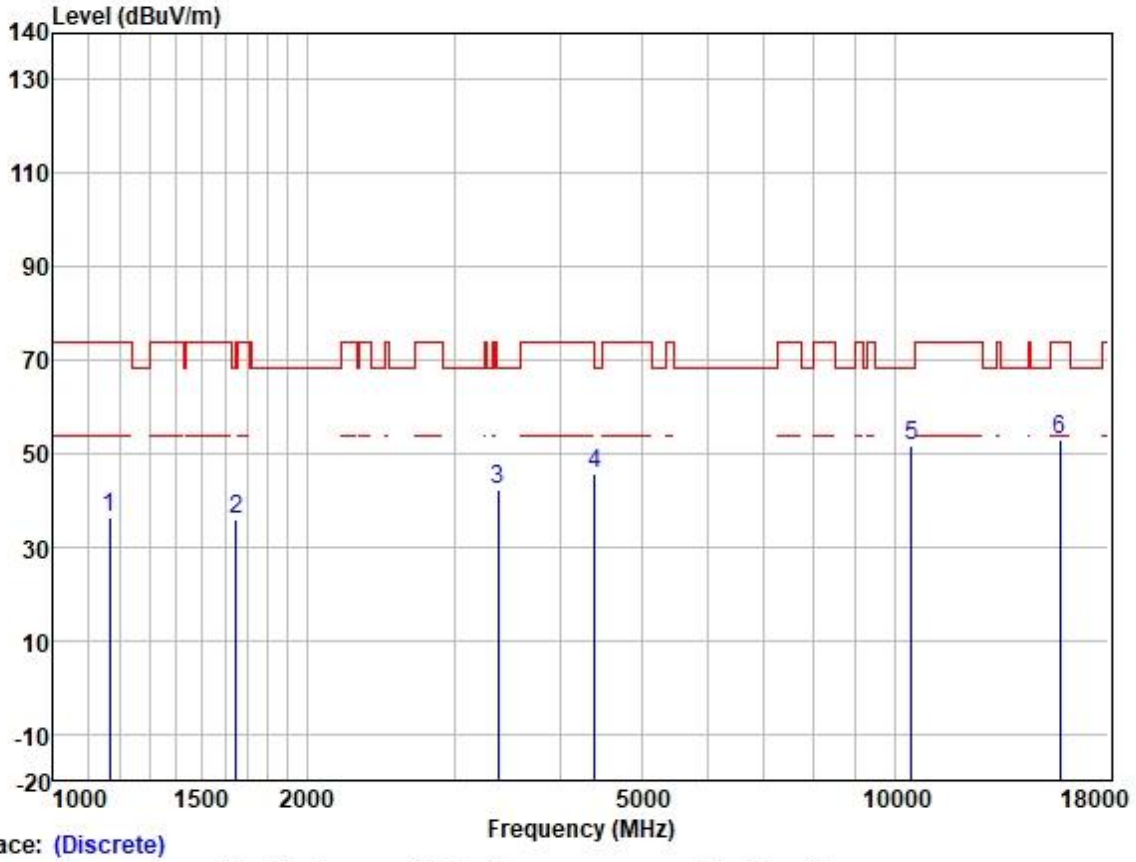
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1162.182	48.21	24.53	2.40	38.42	36.72	74.00	-37.28	VERTICAL	Peak
2	1390.276	45.97	25.38	2.60	38.22	35.73	74.00	-38.27	VERTICAL	Peak
3	3405.929	46.87	28.85	4.11	36.98	42.85	68.20	-25.35	VERTICAL	Peak
4	4169.698	47.15	30.09	4.60	36.80	45.04	74.00	-28.96	VERTICAL	Peak
5	10400.000	44.10	39.33	7.32	37.36	53.39	68.20	-14.81	VERTICAL	Peak
6	15600.000	40.11	38.99	9.88	35.39	53.59	74.00	-20.41	VERTICAL	Peak

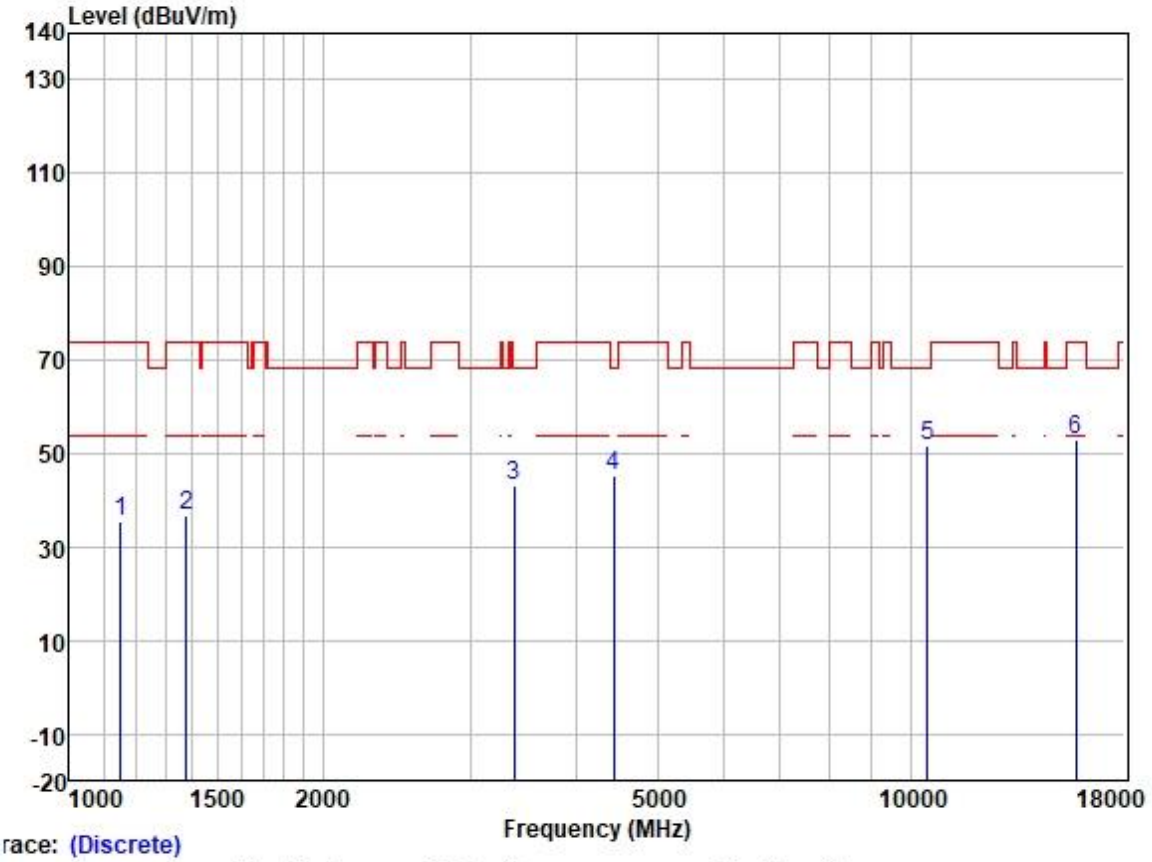
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1165.546	47.68	24.54	2.39	38.40	36.21	74.00	-37.79	HORIZONTAL	Peak
2	1648.778	45.33	25.63	2.80	37.93	35.83	68.20	-32.37	HORIZONTAL	Peak
3	3376.523	46.41	28.83	4.09	36.99	42.34	68.20	-25.86	HORIZONTAL	Peak
4	4405.090	47.03	30.68	4.70	36.81	45.60	68.20	-22.60	HORIZONTAL	Peak
5	10480.000	42.21	39.46	7.40	37.36	51.71	68.20	-16.49	HORIZONTAL	Peak
6	15720.000	39.78	38.78	9.87	35.39	53.04	74.00	-20.96	HORIZONTAL	Peak

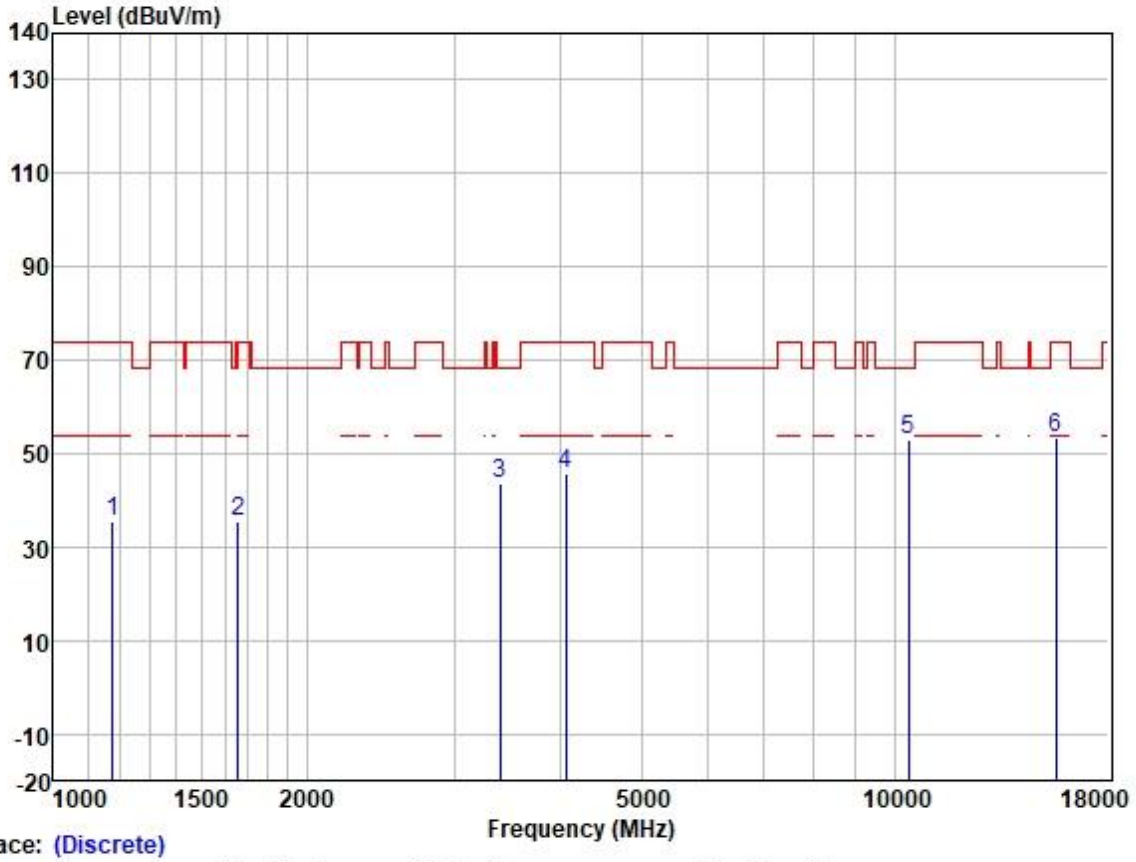
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1152.148	47.22	24.50	2.36	38.42	35.66	74.00	-38.34	VERTICAL	Peak
2	1378.273	46.97	25.36	2.60	38.25	36.68	74.00	-37.32	VERTICAL	Peak
3	3376.523	47.25	28.83	4.09	36.99	43.18	68.20	-25.02	VERTICAL	Peak
4	4443.453	46.39	30.73	4.83	36.81	45.14	68.20	-23.06	VERTICAL	Peak
5	10480.000	42.28	39.46	7.40	37.36	51.78	68.20	-16.42	VERTICAL	Peak
6	15720.000	39.87	38.78	9.87	35.39	53.13	74.00	-20.87	VERTICAL	Peak

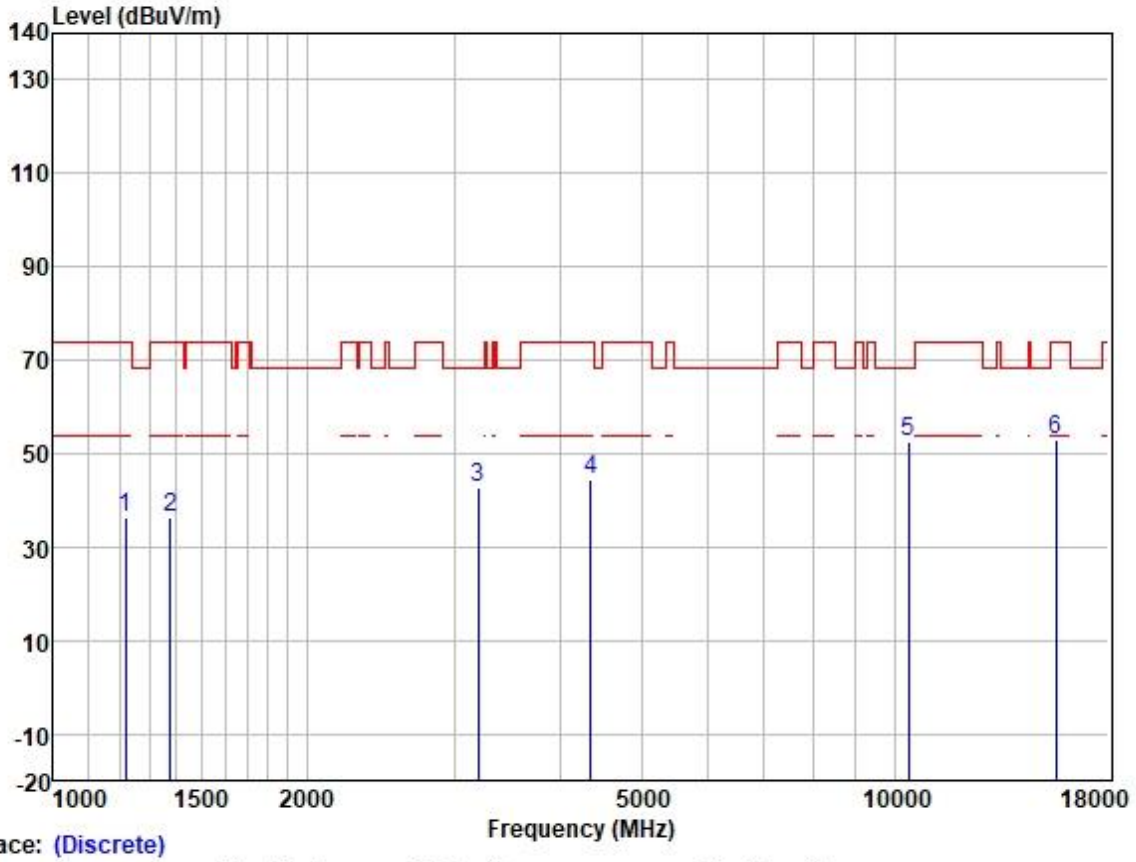
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



race: (Discrete)

	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	1175.697	46.89	24.58	2.38	38.40	35.45	74.00	-38.55	HORIZONTAL	Peak
2	1658.337	45.11	25.65	2.80	37.93	35.63	68.20	-32.57	HORIZONTAL	Peak
3	3396.098	47.45	28.84	4.10	36.98	43.41	68.20	-24.79	HORIZONTAL	Peak
4	4062.629	48.23	29.88	4.60	36.80	45.91	74.00	-28.09	HORIZONTAL	Peak
5	10380.000	43.84	39.33	7.32	37.37	53.12	68.20	-15.08	HORIZONTAL	Peak
6	15570.000	39.81	38.99	9.88	35.39	53.29	74.00	-20.71	HORIZONTAL	Peak

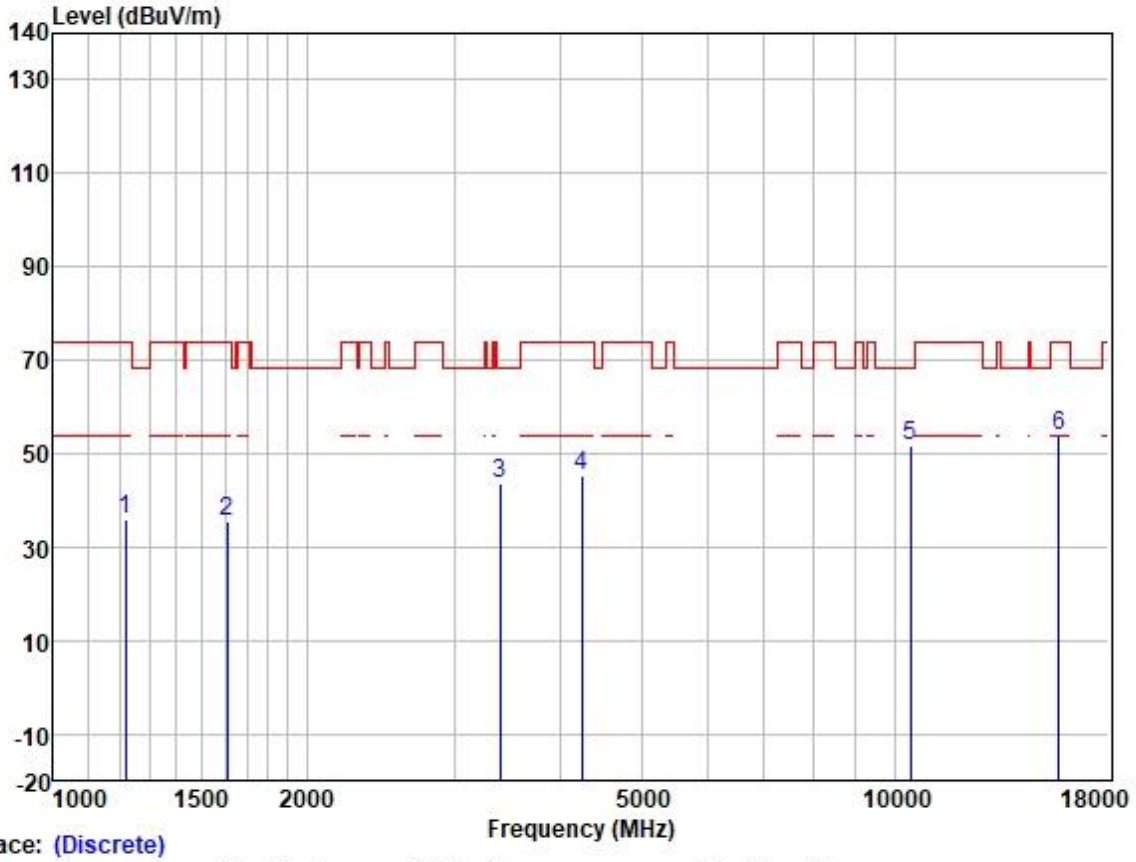
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



Trace: (Discrete)

	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	1217.190	47.37	24.79	2.32	38.37	36.11	74.00	-37.89	VERTICAL	Peak
2	1378.273	46.72	25.36	2.60	38.25	36.43	74.00	-37.57	VERTICAL	Peak
3	3196.094	47.39	28.58	4.00	37.09	42.88	68.20	-25.32	VERTICAL	Peak
4	4354.454	46.09	30.59	4.68	36.81	44.55	74.00	-29.45	VERTICAL	Peak
5	10380.000	43.33	39.33	7.32	37.37	52.61	68.20	-15.59	VERTICAL	Peak
6	15570.000	39.55	38.99	9.88	35.39	53.03	74.00	-20.97	VERTICAL	Peak

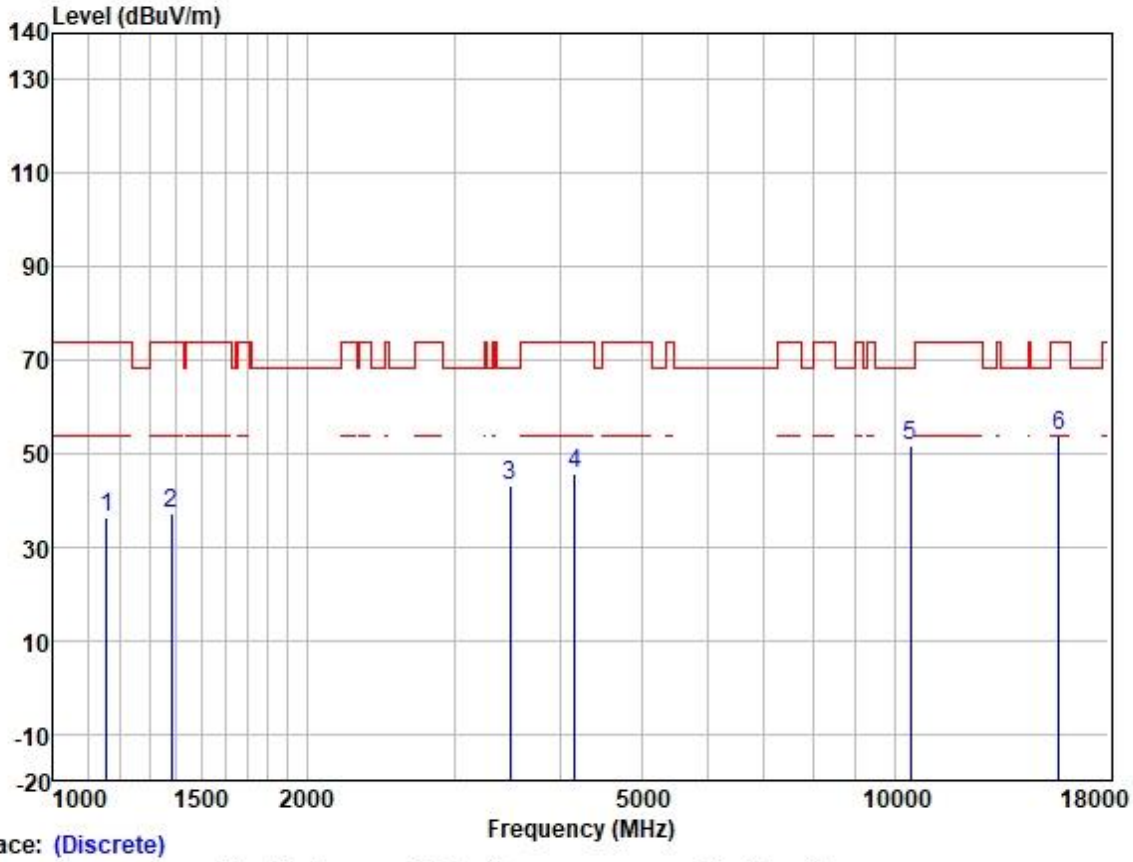
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	1217.190	47.18	24.79	2.32	38.37	35.92	74.00	-38.08	HORIZONTAL	Peak
2	1611.091	45.26	25.59	2.80	37.98	35.67	74.00	-38.33	HORIZONTAL	Peak
3	3396.098	47.66	28.84	4.10	36.98	43.62	68.20	-24.58	HORIZONTAL	Peak
4	4242.641	47.31	30.30	4.62	36.81	45.42	74.00	-28.58	HORIZONTAL	Peak
5	10460.000	42.22	39.42	7.37	37.36	51.65	68.20	-16.55	HORIZONTAL	Peak
6	15690.000	40.64	38.86	9.87	35.39	53.98	74.00	-20.02	HORIZONTAL	Peak

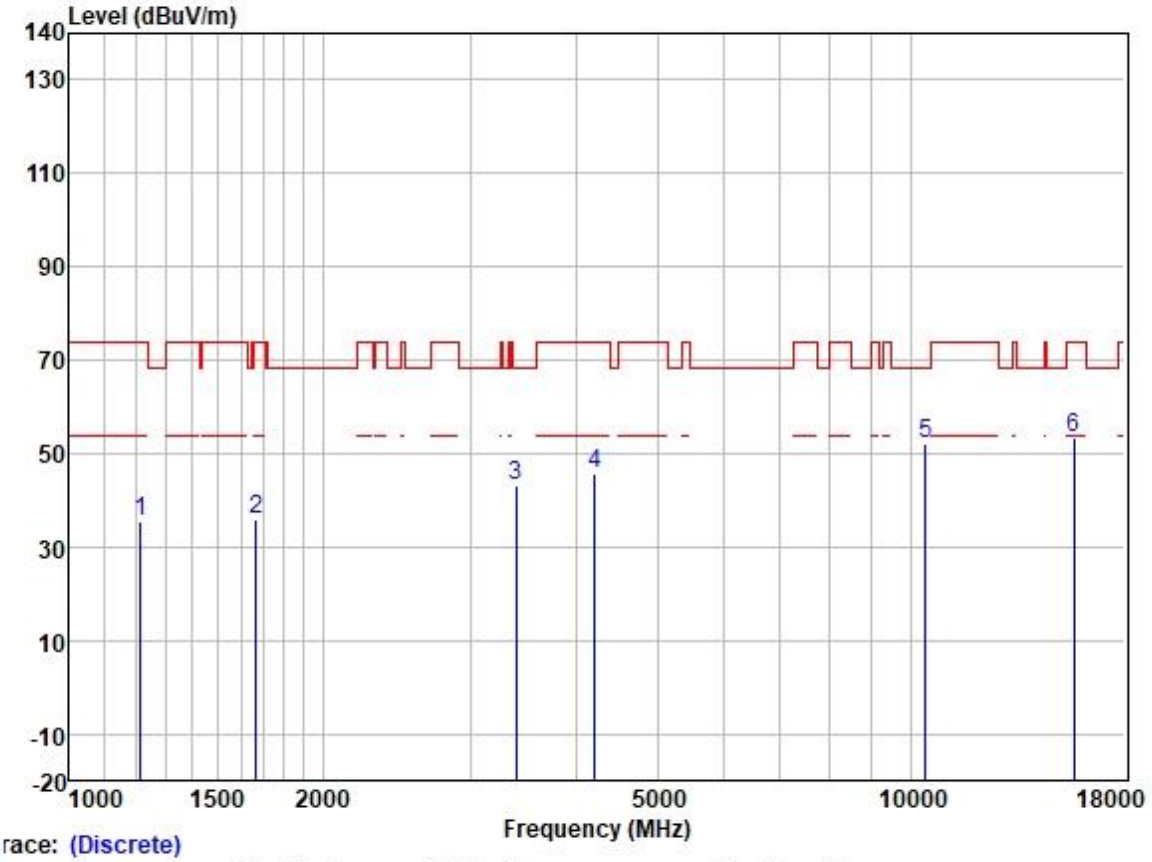
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	1155.483	47.93	24.51	2.38	38.42	36.40	74.00	-37.60	VERTICAL	Peak
2	1382.262	47.47	25.37	2.60	38.25	37.19	74.00	-36.81	VERTICAL	Peak
3	3495.691	46.88	28.90	4.30	36.94	43.14	68.20	-25.06	VERTICAL	Peak
4	4169.698	47.69	30.09	4.60	36.80	45.58	74.00	-28.42	VERTICAL	Peak
5	10460.000	42.17	39.42	7.37	37.36	51.60	68.20	-16.60	VERTICAL	Peak
6	15690.000	40.47	38.86	9.87	35.39	53.81	74.00	-20.19	VERTICAL	Peak

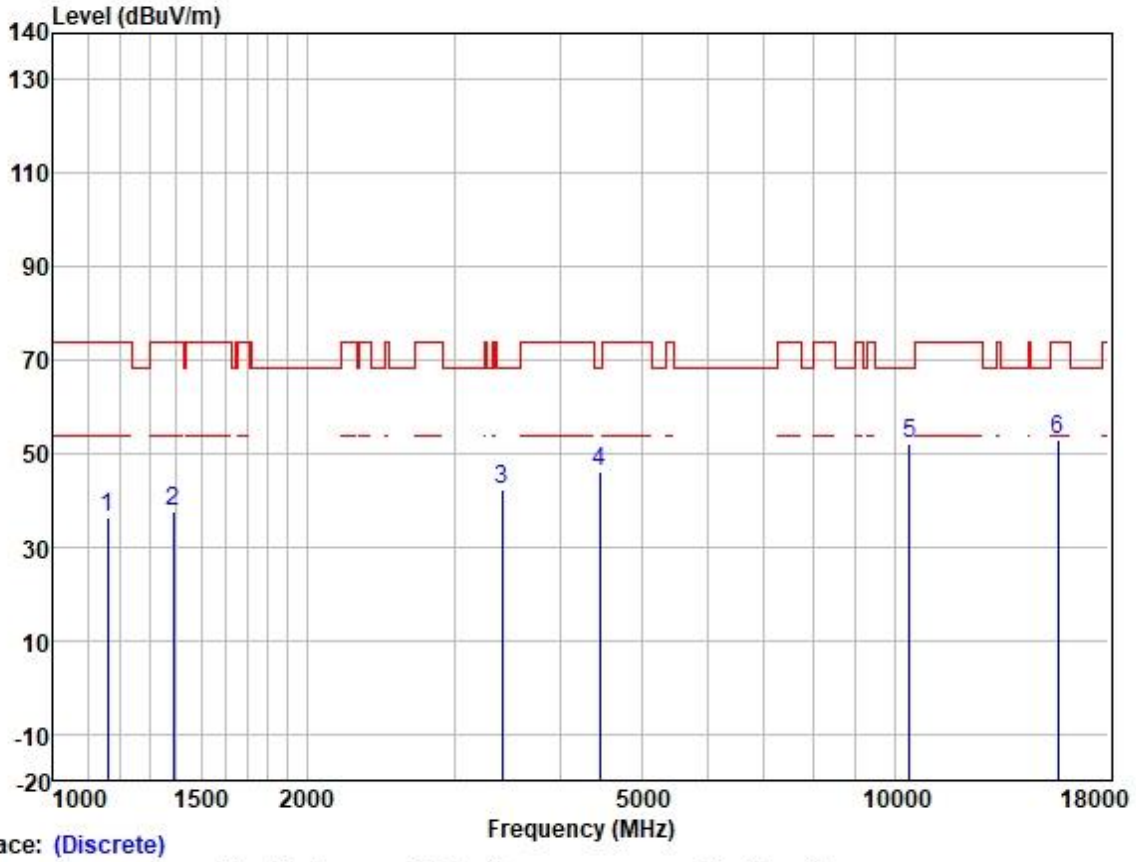
Test Mode: 07; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



race: (Discrete)

	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	1213.677	46.72	24.77	2.32	38.37	35.44	74.00	-38.56	HORIZONTAL	Peak
2	1667.951	45.37	25.66	2.80	37.91	35.92	74.00	-38.08	HORIZONTAL	Peak
3	3396.098	47.09	28.84	4.10	36.98	43.05	68.20	-25.15	HORIZONTAL	Peak
4	4218.186	47.71	30.22	4.60	36.81	45.72	74.00	-28.28	HORIZONTAL	Peak
5	10420.000	42.92	39.38	7.35	37.36	52.29	68.20	-15.91	HORIZONTAL	Peak
6	15630.000	39.84	38.92	9.87	35.39	53.24	74.00	-20.76	HORIZONTAL	Peak

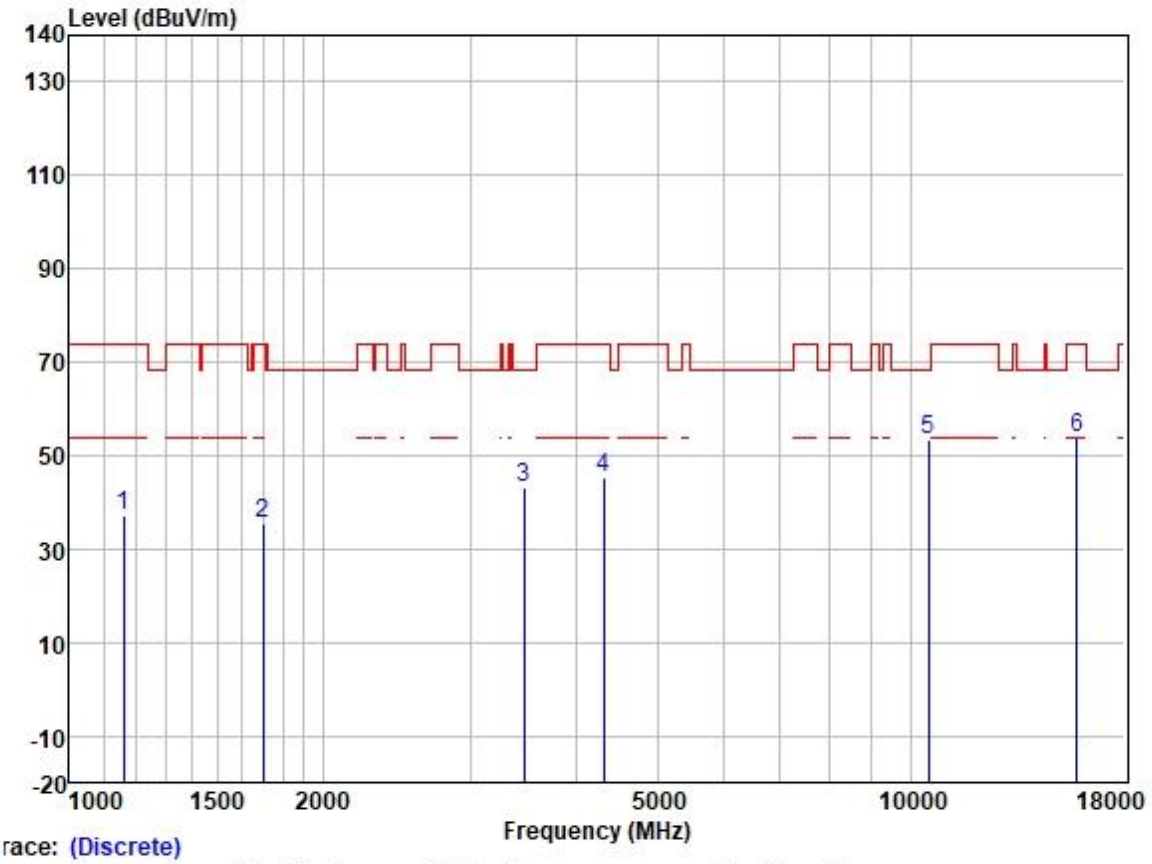
Test Mode: 07; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



Trace: (Discrete)

	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	1158.828	47.80	24.52	2.40	38.42	36.30	74.00	-37.70	VERTICAL	Peak
2	1390.276	47.93	25.38	2.60	38.22	37.69	74.00	-36.31	VERTICAL	Peak
3	3415.787	46.30	28.85	4.13	36.97	42.31	68.20	-25.89	VERTICAL	Peak
4	4456.315	47.41	30.75	4.88	36.81	46.23	68.20	-21.97	VERTICAL	Peak
5	10420.000	42.66	39.38	7.35	37.36	52.03	68.20	-16.17	VERTICAL	Peak
6	15630.000	39.63	38.92	9.87	35.39	53.03	74.00	-20.97	VERTICAL	Peak

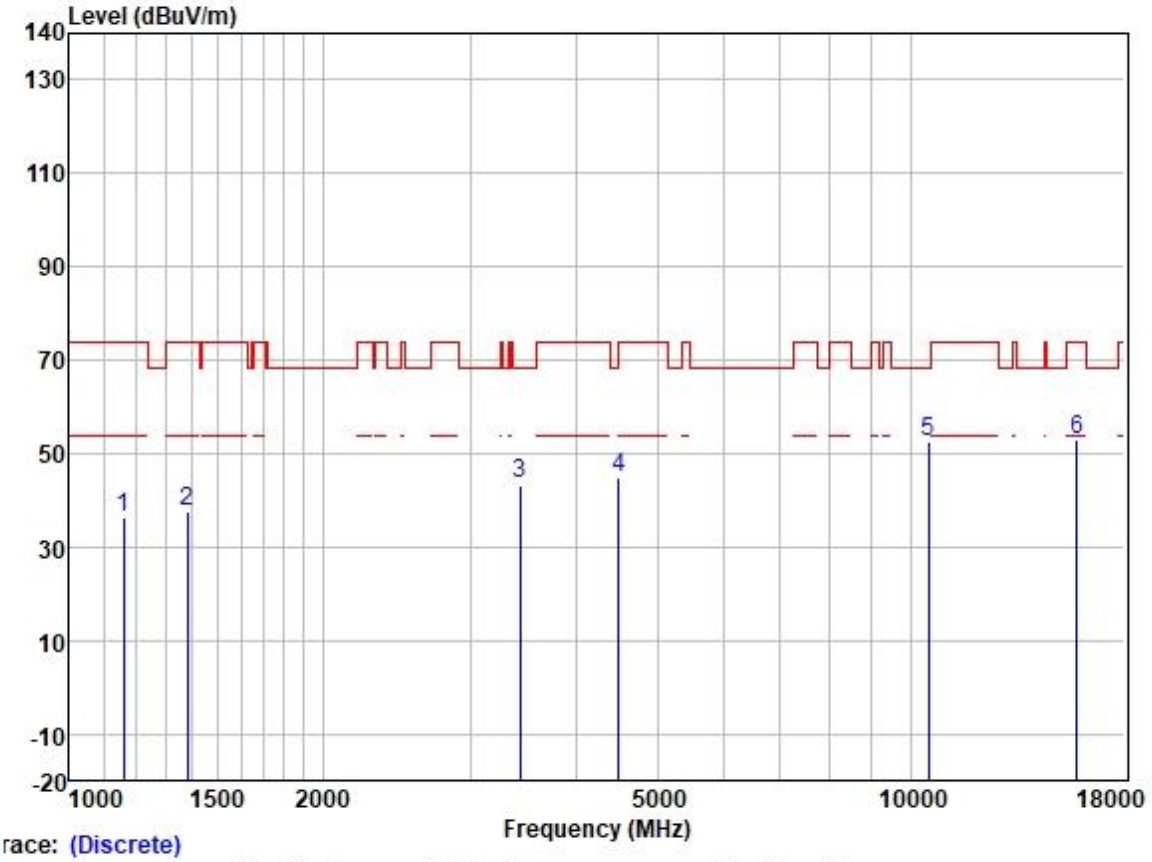
Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1158.828	48.78	24.52	2.40	38.42	37.28	74.00	-36.72	HORIZONTAL	Peak
2	1697.129	44.98	25.71	2.80	37.89	35.60	74.00	-38.40	HORIZONTAL	Peak
3	3475.541	47.10	28.89	4.25	36.95	43.29	68.20	-24.91	HORIZONTAL	Peak
4	4316.859	46.86	30.51	4.66	36.81	45.22	74.00	-28.78	HORIZONTAL	Peak
5	10520.000	43.84	39.50	7.42	37.35	53.41	68.20	-14.79	HORIZONTAL	Peak
6	15780.000	40.52	38.70	9.86	35.39	53.69	74.00	-20.31	HORIZONTAL	Peak

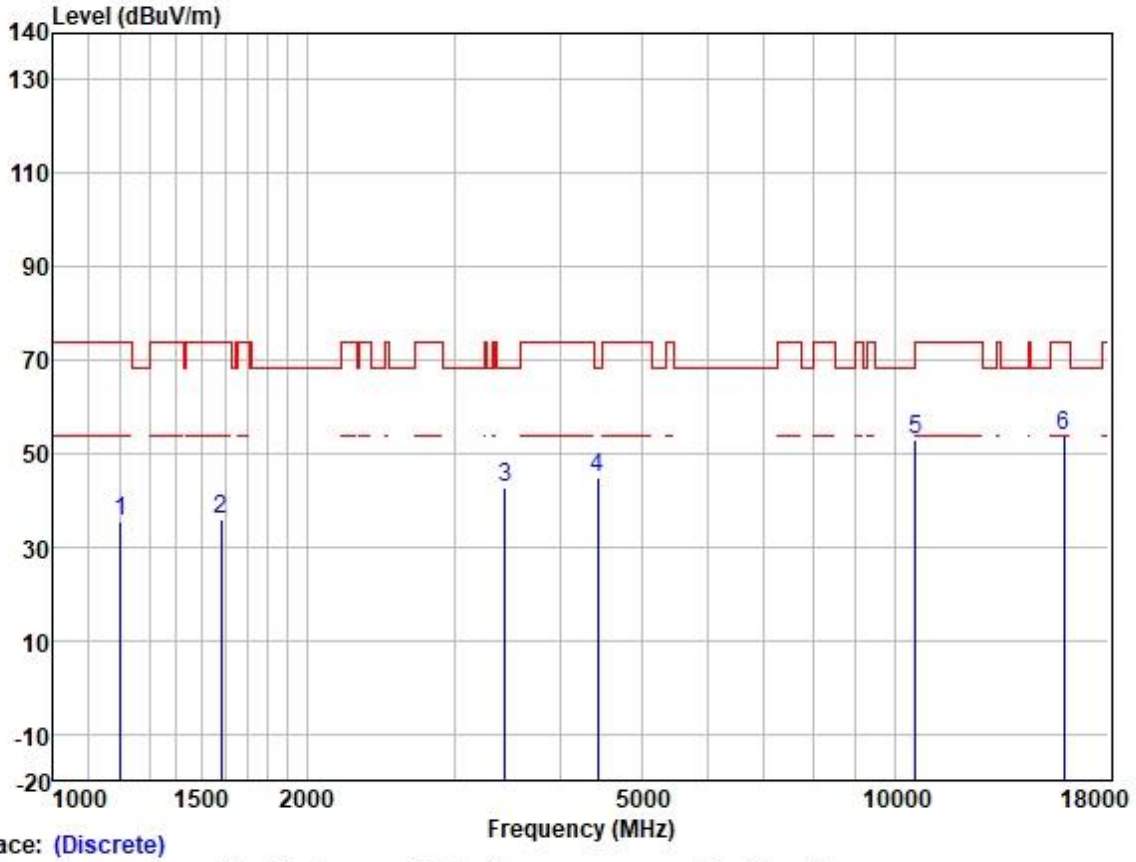
Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



race: (Discrete)

	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	1158.828	47.79	24.52	2.40	38.42	36.29	74.00	-37.71	VERTICAL	Peak
2	1382.262	48.02	25.37	2.60	38.25	37.74	74.00	-36.26	VERTICAL	Peak
3	3435.590	47.30	28.87	4.16	36.97	43.36	68.20	-24.84	VERTICAL	Peak
4	4495.125	45.96	30.80	5.05	36.82	44.99	68.20	-23.21	VERTICAL	Peak
5	10520.000	42.89	39.50	7.42	37.35	52.46	68.20	-15.74	VERTICAL	Peak
6	15780.000	39.94	38.70	9.86	35.39	53.11	74.00	-20.89	VERTICAL	Peak

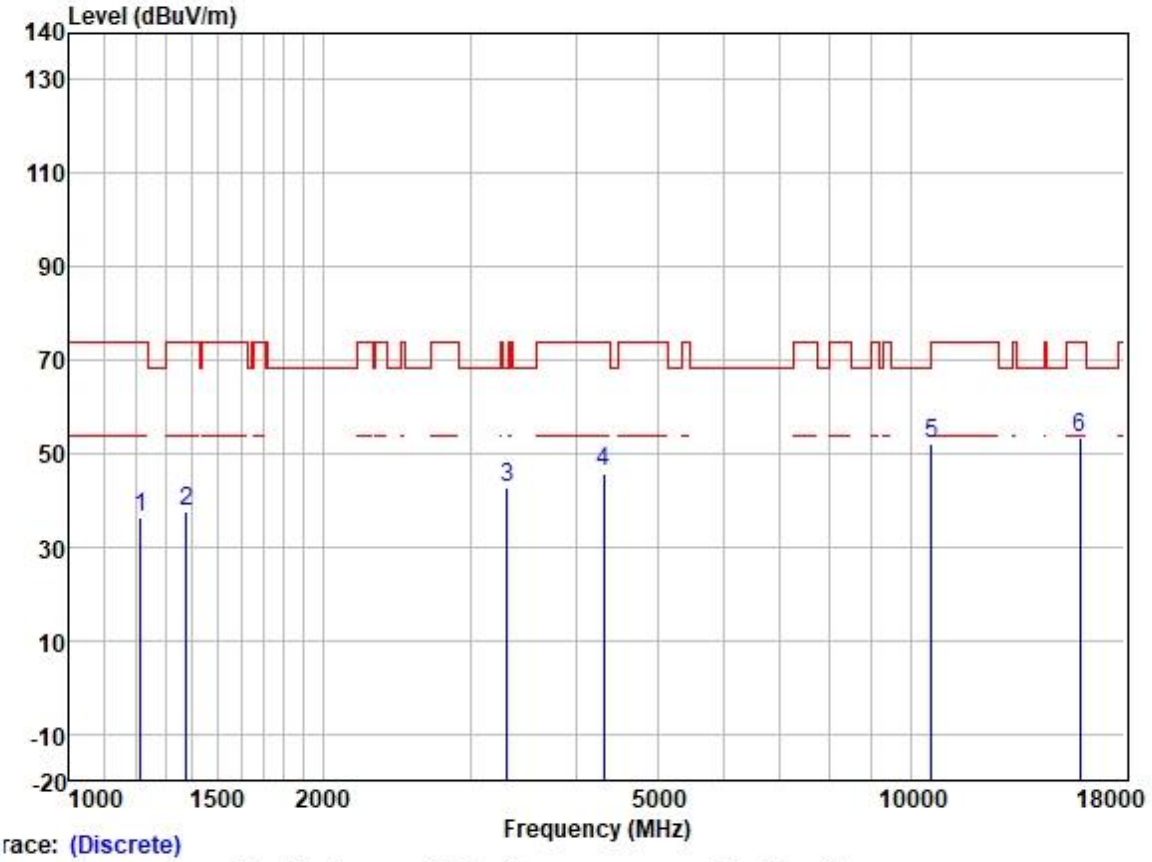
Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



race: (Discrete)

	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	1203.199	46.78	24.70	2.34	38.39	35.43	74.00	-38.57	HORIZONTAL	Peak
2	1583.392	45.60	25.56	2.80	38.00	35.96	74.00	-38.04	HORIZONTAL	Peak
3	3445.535	46.77	28.87	4.18	36.96	42.86	68.20	-25.34	HORIZONTAL	Peak
4	4443.453	46.31	30.73	4.83	36.81	45.06	68.20	-23.14	HORIZONTAL	Peak
5	10600.000	43.36	39.59	7.46	37.34	53.07	68.20	-15.13	HORIZONTAL	Peak
6	15900.000	40.99	38.44	9.86	35.40	53.89	74.00	-20.11	HORIZONTAL	Peak

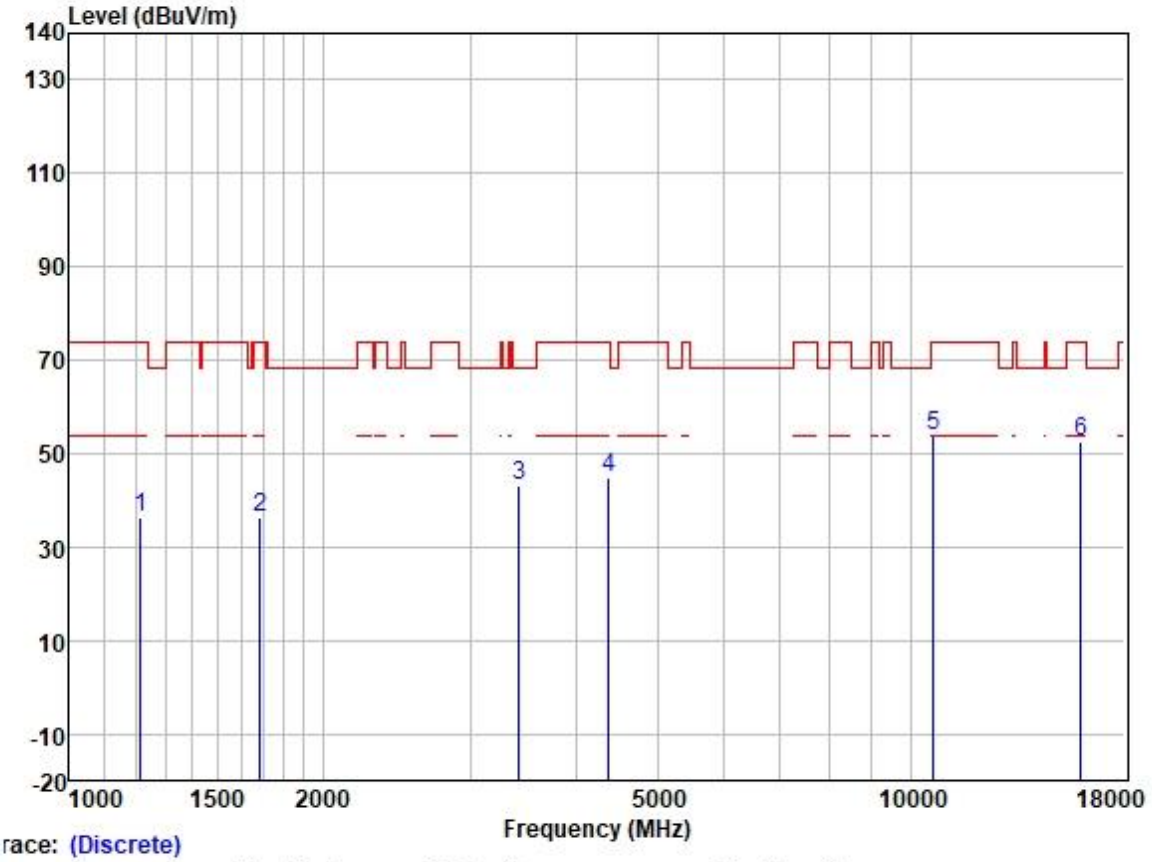
Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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	1213.677	47.74	24.77	2.32	38.37	36.46	74.00	-37.54	VERTICAL	Peak
2	1378.273	47.99	25.36	2.60	38.25	37.70	74.00	-36.30	VERTICAL	Peak
3	3318.471	46.89	28.77	4.07	37.02	42.71	68.20	-25.49	VERTICAL	Peak
4	4316.859	47.56	30.51	4.66	36.81	45.92	74.00	-28.08	VERTICAL	Peak
5	10600.000	42.24	39.59	7.46	37.34	51.95	68.20	-16.25	VERTICAL	Peak
6	15900.000	40.28	38.44	9.86	35.40	53.18	74.00	-20.82	VERTICAL	Peak

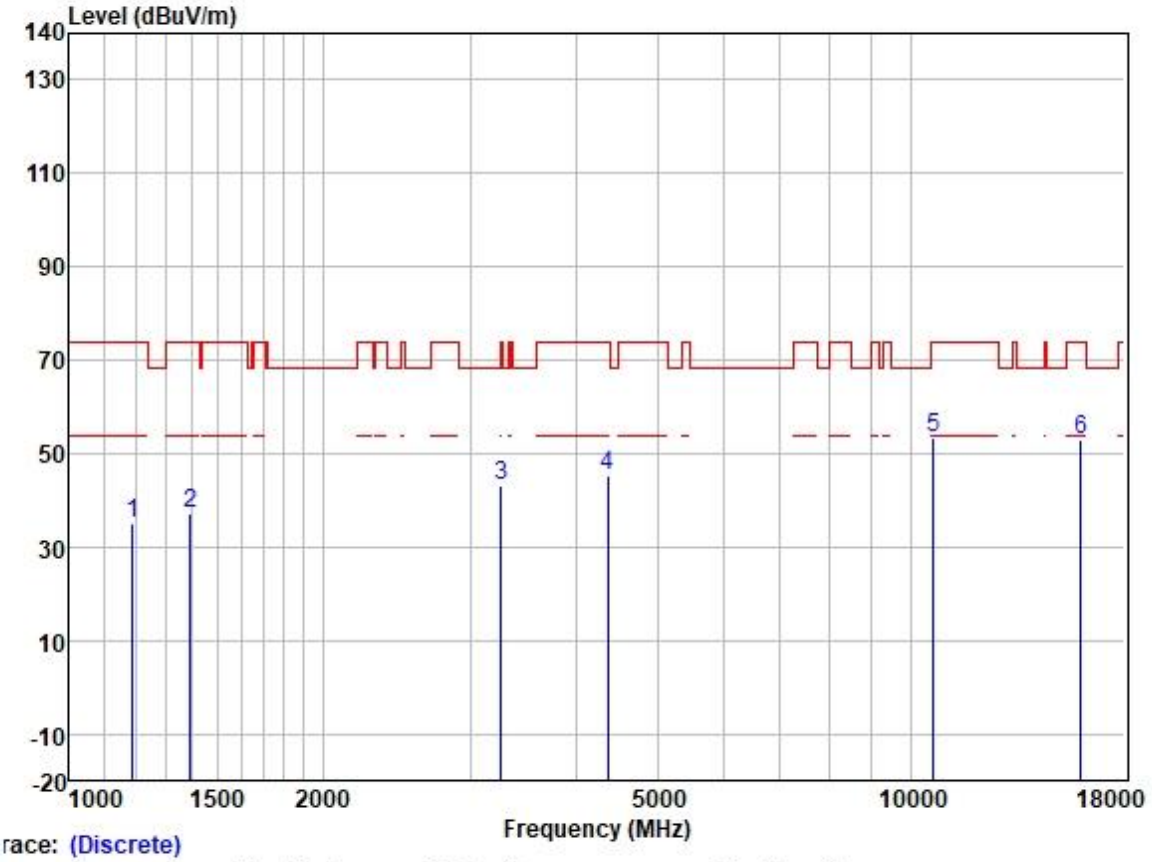
Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1213.677	47.75	24.77	2.32	38.37	36.47	74.00	-37.53	HORIZONTAL	Peak
2	1687.347	45.93	25.69	2.80	37.91	36.51	74.00	-37.49	HORIZONTAL	Peak
3	3425.675	47.26	28.86	4.15	36.97	43.30	68.20	-24.90	HORIZONTAL	Peak
4	4379.699	46.43	30.64	4.69	36.81	44.95	74.00	-29.05	HORIZONTAL	Peak
5	10640.000	43.86	39.63	7.48	37.33	53.64	74.00	-20.36	HORIZONTAL	Peak
6	15960.000	39.91	38.37	9.85	35.40	52.73	74.00	-21.27	HORIZONTAL	Peak

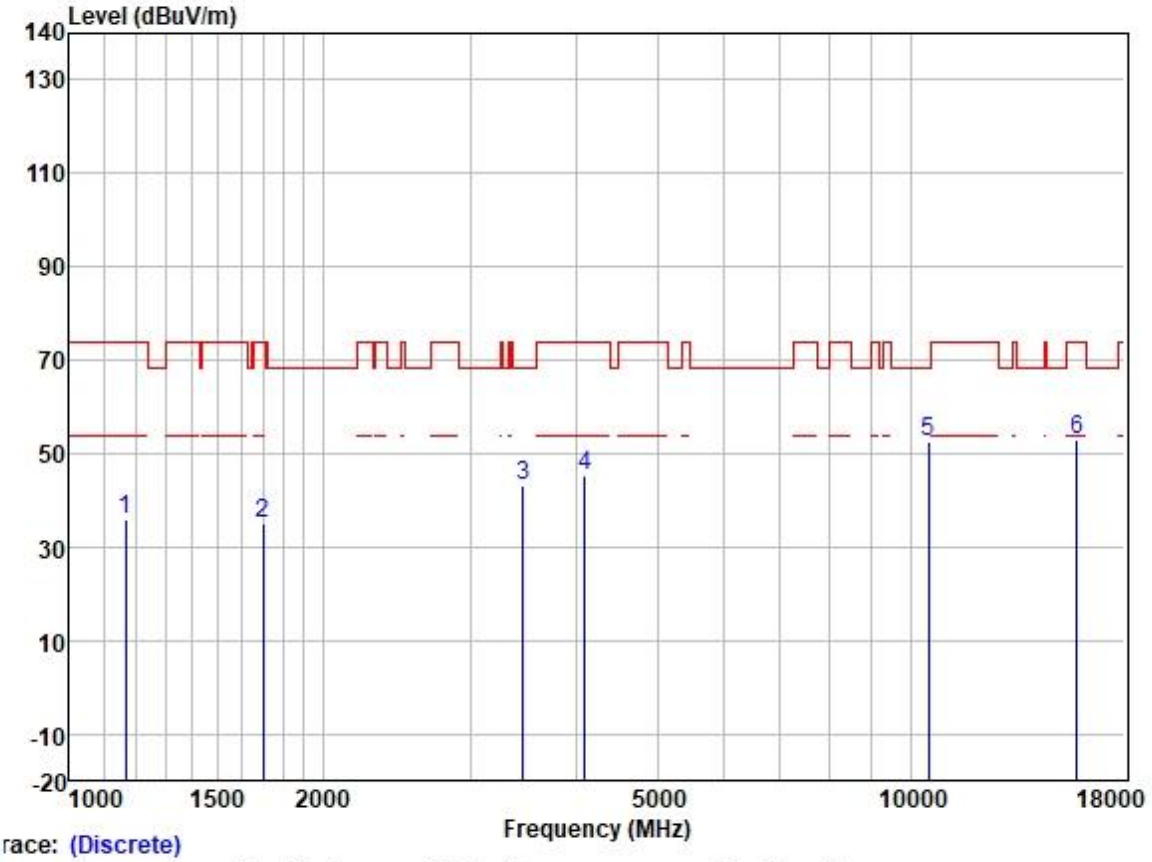
Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



race: (Discrete)

	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	1189.368	46.45	24.63	2.36	38.39	35.05	74.00	-38.95	VERTICAL	Peak
2	1394.300	47.23	25.38	2.60	38.22	36.99	74.00	-37.01	VERTICAL	Peak
3	3261.418	47.27	28.70	4.03	37.06	42.94	74.00	-31.06	VERTICAL	Peak
4	4367.058	46.67	30.62	4.68	36.81	45.16	74.00	-28.84	VERTICAL	Peak
5	10640.000	43.52	39.63	7.48	37.33	53.30	74.00	-20.70	VERTICAL	Peak
6	15960.000	40.30	38.37	9.85	35.40	53.12	74.00	-20.88	VERTICAL	Peak

Test Mode: 08; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	1165.546	47.21	24.54	2.39	38.40	35.74	74.00	-38.26	HORIZONTAL	Peak
2	1697.129	44.59	25.71	2.80	37.89	35.21	74.00	-38.79	HORIZONTAL	Peak
3	3465.510	46.94	28.88	4.22	36.95	43.09	68.20	-25.11	HORIZONTAL	Peak
4	4098.010	47.41	29.94	4.60	36.80	45.15	74.00	-28.85	HORIZONTAL	Peak
5	10520.000	43.12	39.50	7.42	37.35	52.69	68.20	-15.51	HORIZONTAL	Peak
6	15780.000	39.70	38.70	9.86	35.39	52.87	74.00	-21.13	HORIZONTAL	Peak