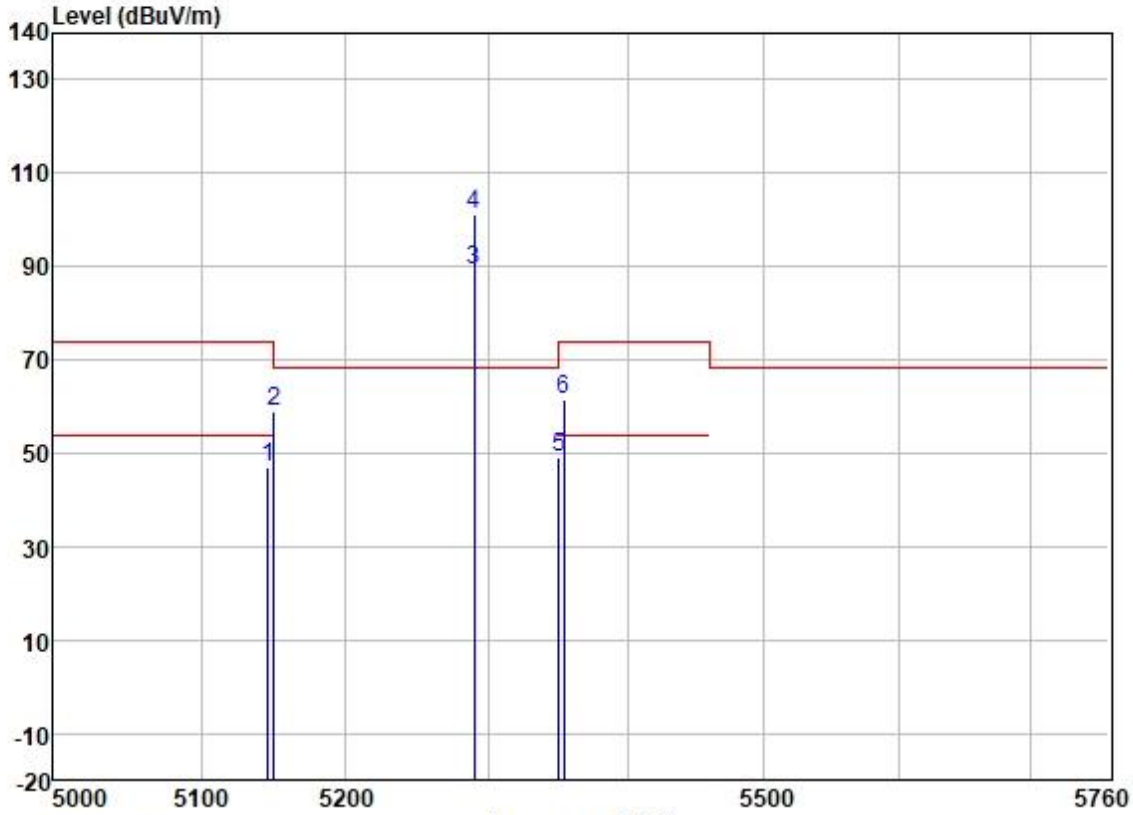
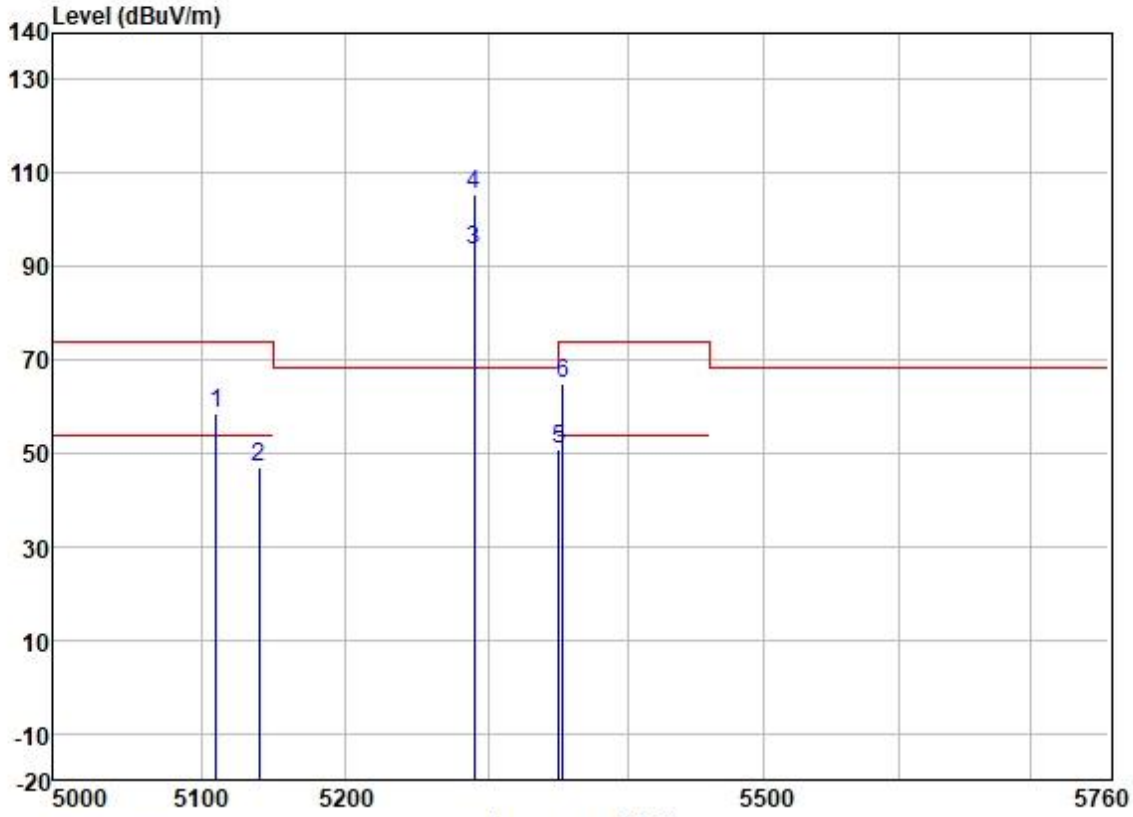
Test Mode: 03; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:80MHz; Channel:middle



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		5145.973	46.37	31.72	5.62	36.86	46.85	54.00	-7.15	HORIZONTAL	Average
2		5149.798	58.35	31.72	5.62	36.86	58.83	74.00	-15.17	HORIZONTAL	Peak
3		5290.000	88.34	31.76	6.00	36.87	89.23	------	------	HORIZONTAL	Average
4	*	5290.000	100.08	31.76	6.00	36.87	100.97	68.20	32.77	HORIZONTAL	Peak
5		5350.229	48.34	31.77	6.05	36.88	49.28	54.00	-4.72	HORIZONTAL	Average
6		5353.899	60.48	31.77	6.05	36.88	61.42	74.00	-12.58	HORIZONTAL	Peak

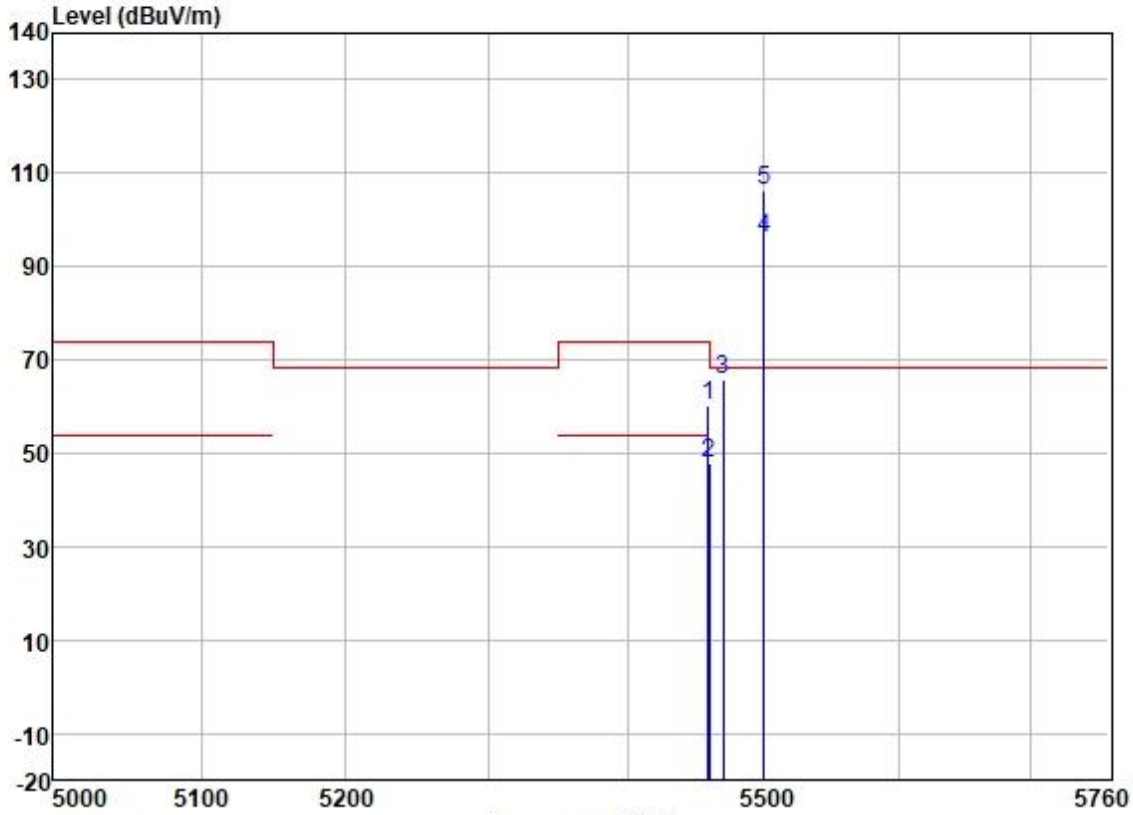
Test Mode: 03; Polarity: Vertical; Modulation:802.11ax; Bandwidth:80MHz; Channel:middle



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		5110.505	57.86	31.72	5.65	36.86	58.37	74.00	-15.63	VERTICAL	Peak
2		5139.506	46.63	31.72	5.63	36.86	47.12	54.00	-6.88	VERTICAL	Average
3		5290.000	92.45	31.76	6.00	36.87	93.34	------	------	VERTICAL	Average
4	*	5290.000	104.44	31.76	6.00	36.87	105.33	68.20	37.13	VERTICAL	Peak
5		5350.535	49.81	31.77	6.05	36.88	50.75	54.00	-3.25	VERTICAL	Average
6		5352.981	64.01	31.77	6.05	36.88	64.95	74.00	-9.05	VERTICAL	Peak

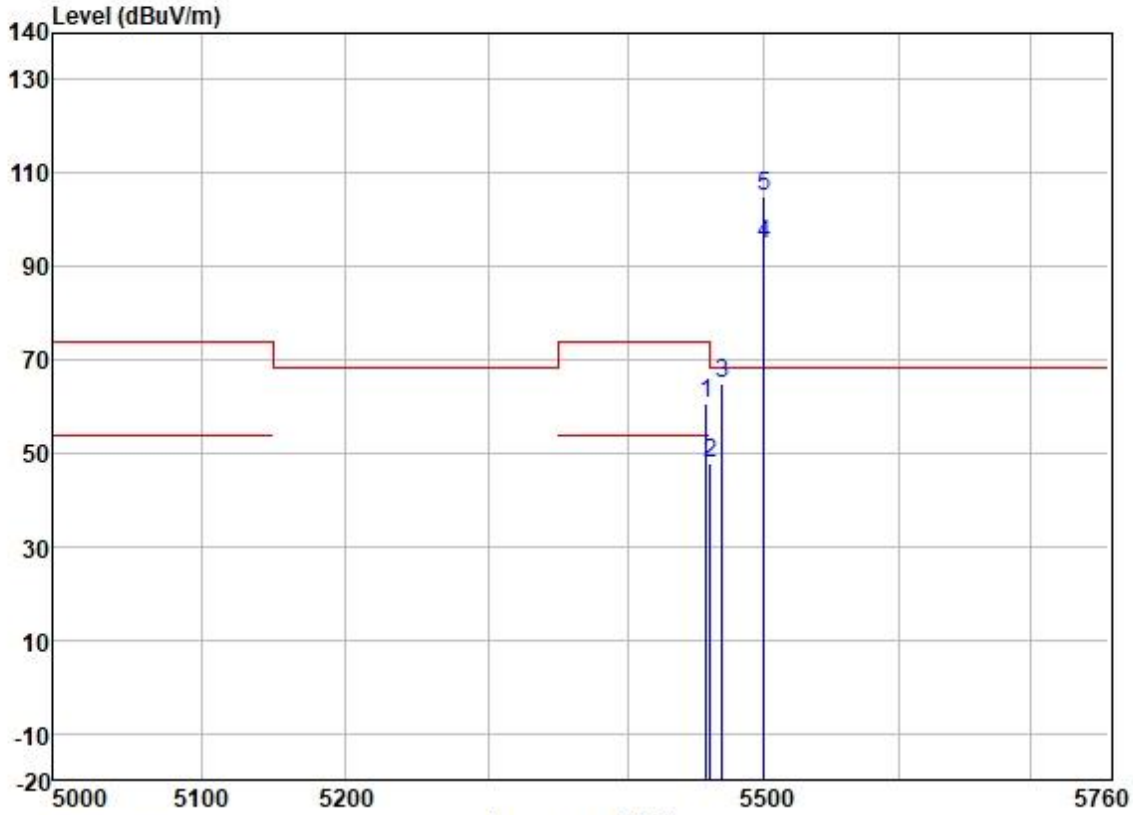
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	5458.831	59.14	31.79	6.26	36.88	60.31	74.00	-13.69	HORIZONTAL	Peak
2	5459.190	46.61	31.79	6.26	36.88	47.78	54.00	-6.22	HORIZONTAL	Average
3	5469.519	64.61	31.80	6.31	36.88	65.84	68.20	-2.36	HORIZONTAL	Peak
4	5500.000	94.77	31.80	6.40	36.88	96.09	------	------	HORIZONTAL	Average
5 *	5500.000	105.06	31.80	6.40	36.88	106.38	68.20	38.18	HORIZONTAL	Peak

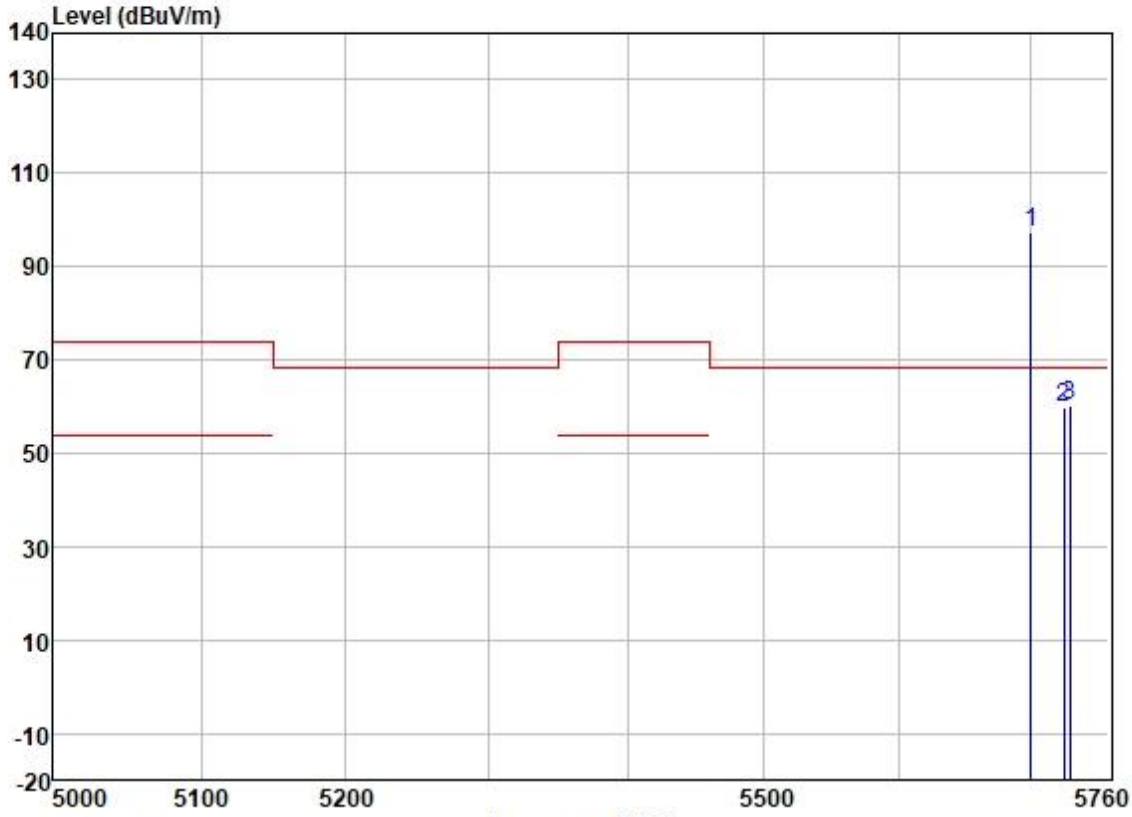
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	5457.031	59.63	31.79	6.26	36.88	60.80	74.00	-13.20	VERTICAL	Peak
2	5459.910	46.61	31.79	6.26	36.88	47.78	54.00	-6.22	VERTICAL	Average
3	5468.678	63.76	31.80	6.31	36.88	64.99	68.20	-3.21	VERTICAL	Peak
4	5500.000	93.36	31.80	6.40	36.88	94.68	------	------	VERTICAL	Average
5 *	5500.000	103.59	31.80	6.40	36.88	104.91	68.20	36.71	VERTICAL	Peak

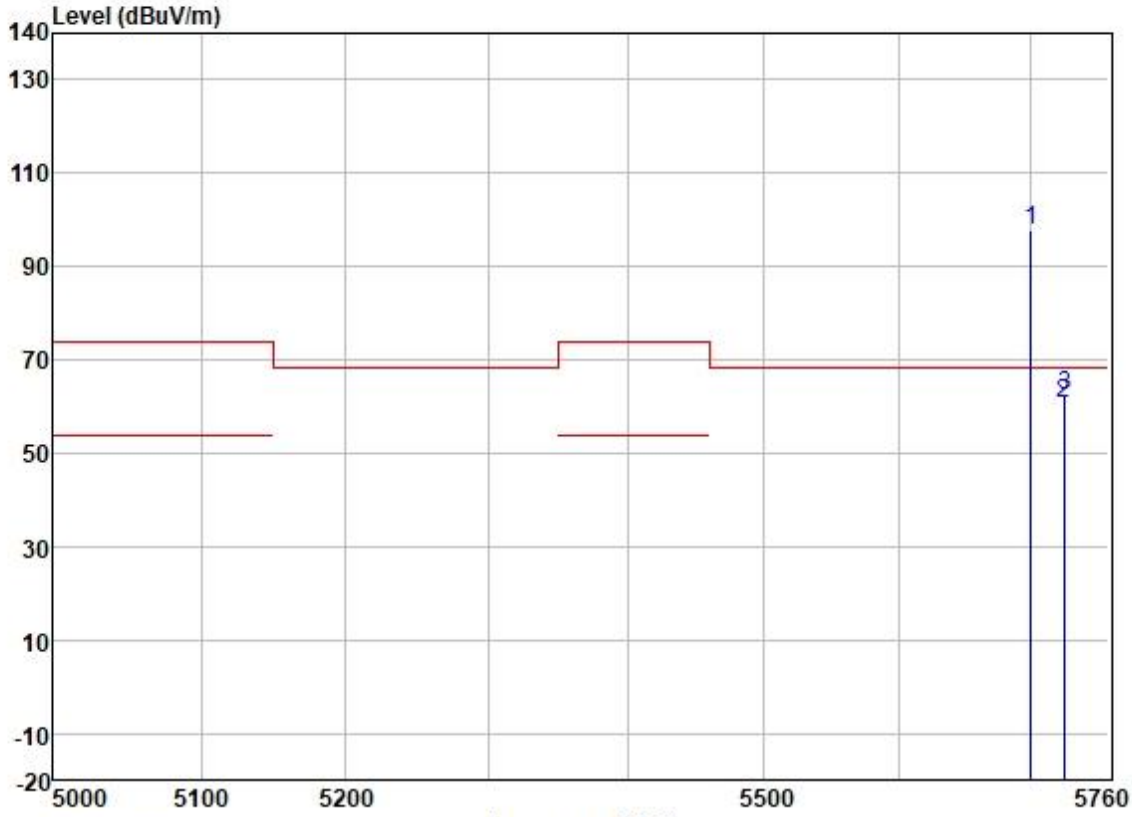
Test Mode: 04; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	*	5700.000	95.69	32.01	6.40	36.89	97.21	68.20	29.01	HORIZONTAL	Peak
2		5725.000	58.44	32.07	6.25	36.89	59.87	68.20	-8.33	HORIZONTAL	Peak
3		5729.682	58.98	32.07	6.25	36.89	60.41	68.20	-7.79	HORIZONTAL	Peak

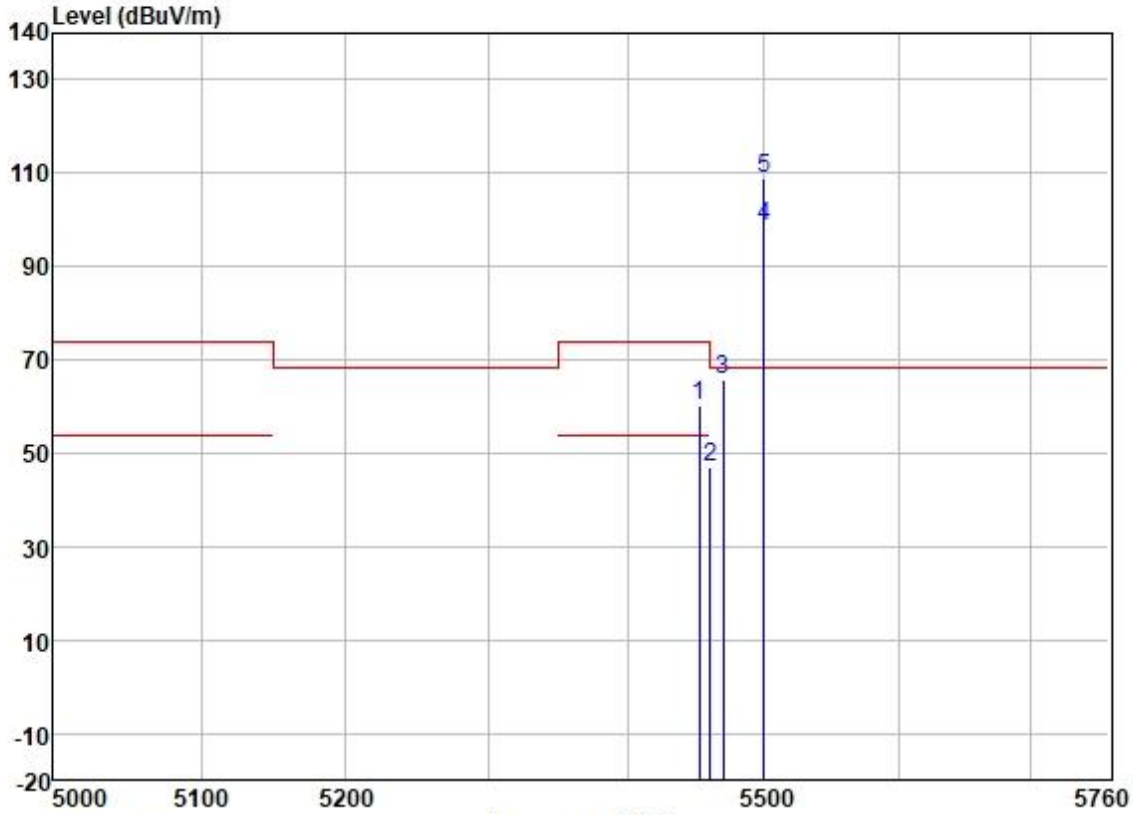
Test Mode: 04; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	*	5700.000	96.32	32.01	6.40	36.89	97.84	68.20	29.64	VERTICAL	Peak
2		5725.000	59.21	32.07	6.25	36.89	60.64	68.20	-7.56	VERTICAL	Peak
3		5725.783	60.98	32.07	6.25	36.89	62.41	68.20	-5.79	VERTICAL	Peak

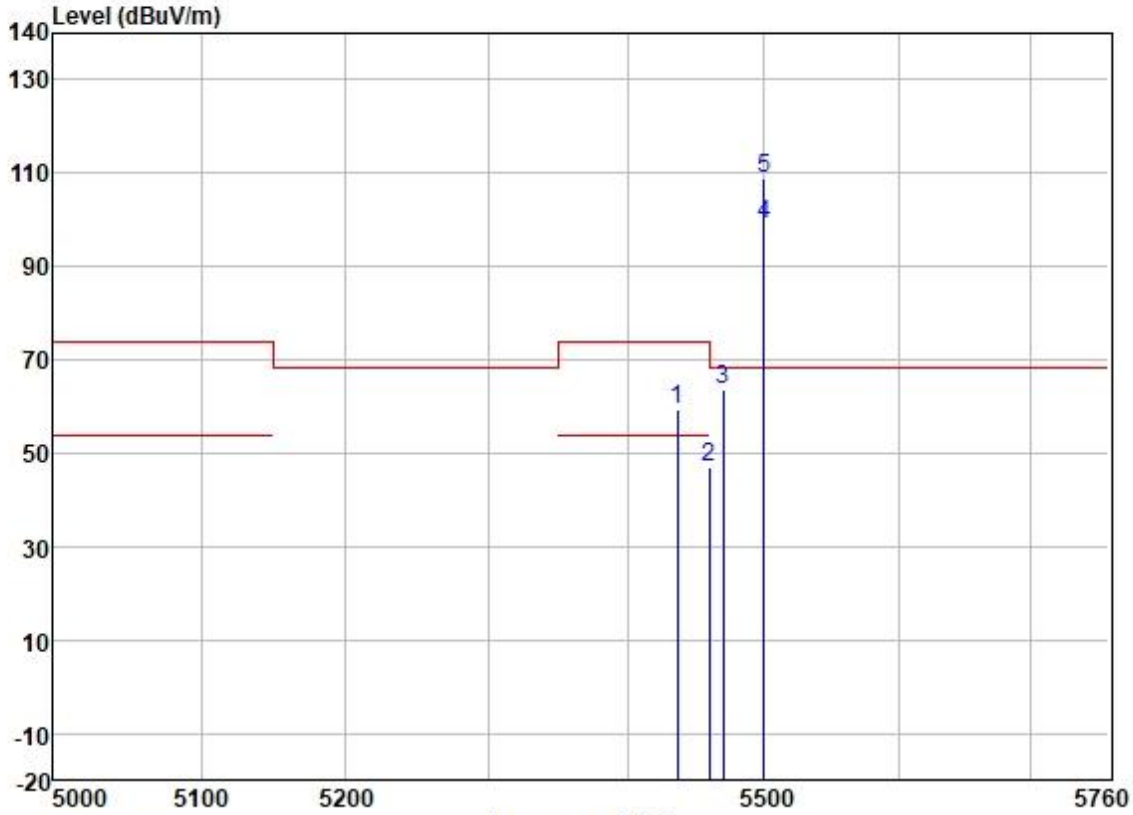
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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		5452.116	58.89	31.79	6.26	36.88	60.06	74.00	-13.94	HORIZONTAL	Peak
2		5459.791	45.77	31.79	6.26	36.88	46.94	54.00	-7.06	HORIZONTAL	Average
3		5469.880	64.48	31.80	6.31	36.88	65.71	68.20	-2.49	HORIZONTAL	Peak
4		5500.000	97.19	31.80	6.40	36.88	98.51	------	------	HORIZONTAL	Average
5	*	5500.000	107.49	31.80	6.40	36.88	108.81	68.20	40.61	HORIZONTAL	Peak

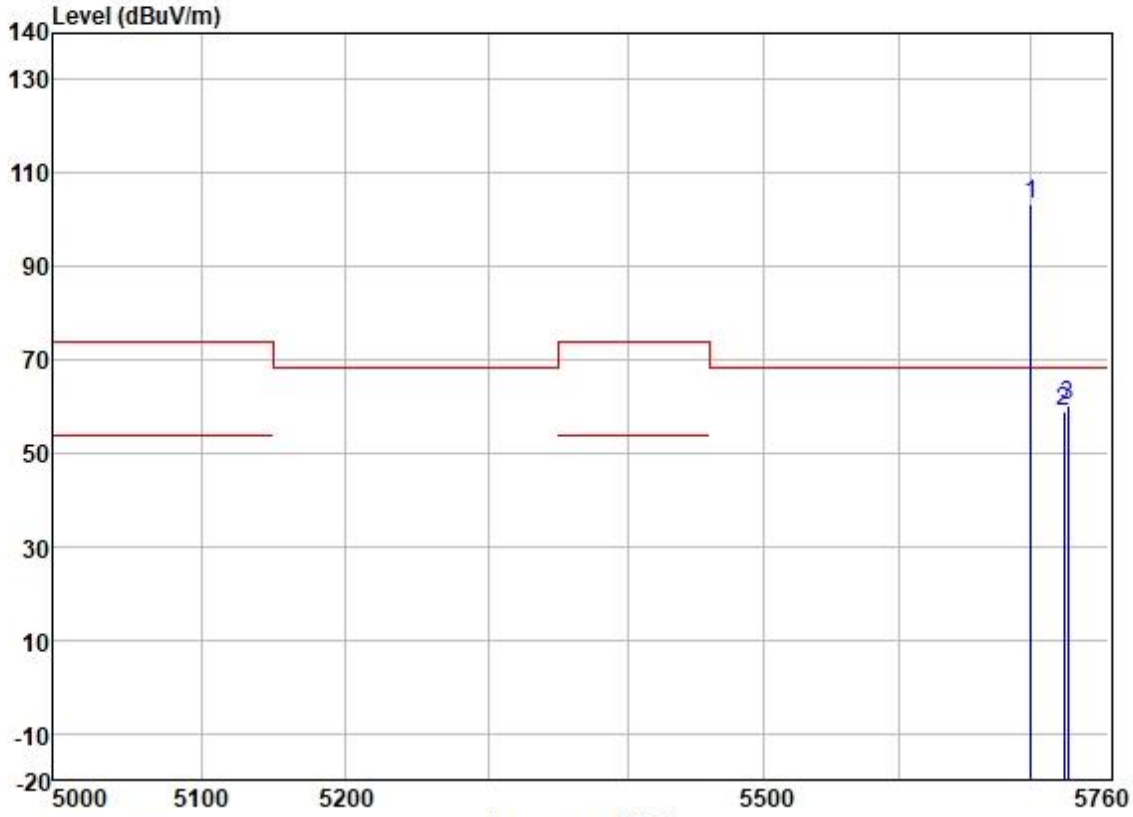
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	5436.321	58.36	31.79	6.20	36.88	59.47	74.00	-14.53	VERTICAL	Peak
2	5459.070	46.02	31.79	6.26	36.88	47.19	54.00	-6.81	VERTICAL	Average
3	5469.519	62.42	31.80	6.31	36.88	63.65	68.20	-4.55	VERTICAL	Peak
4	5500.000	97.52	31.80	6.40	36.88	98.84	------	------	VERTICAL	Average
5 *	5500.000	107.62	31.80	6.40	36.88	108.94	68.20	40.74	VERTICAL	Peak

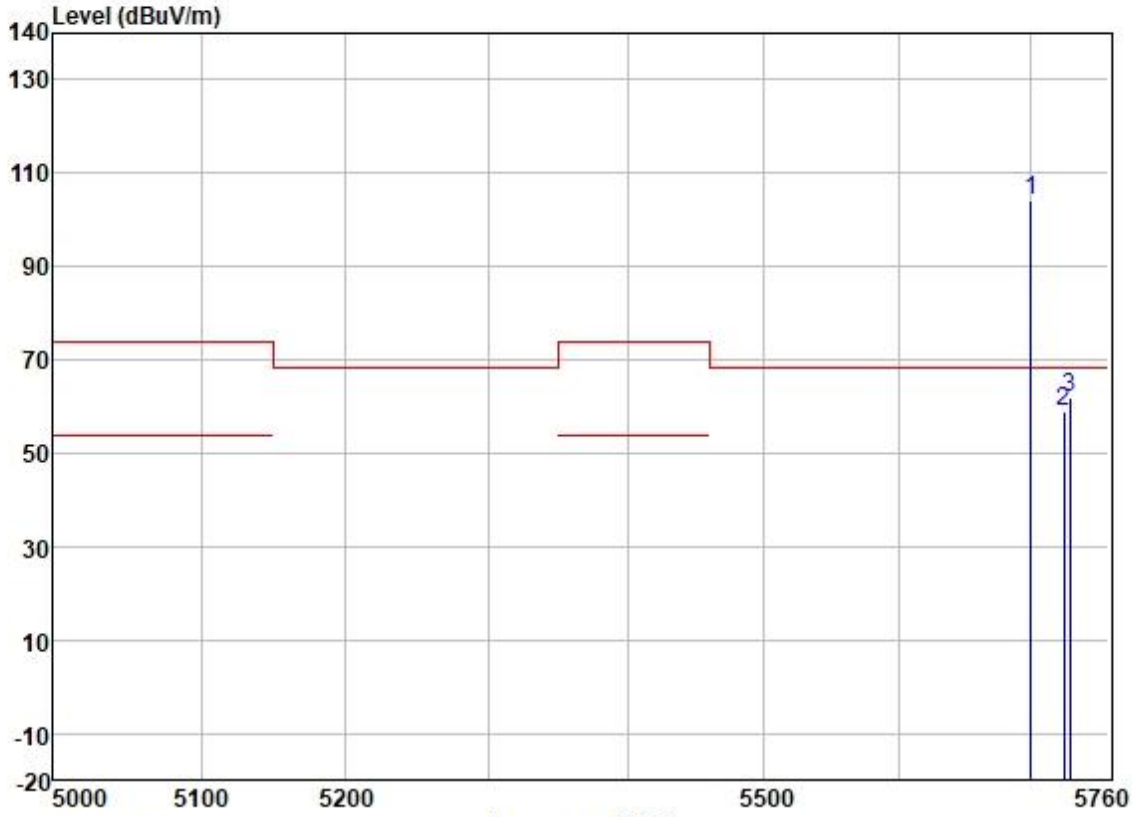
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	*	5700.000	101.88	32.01	6.40	36.89	103.40	68.20	35.20	HORIZONTAL	Peak
2		5725.000	57.56	32.07	6.25	36.89	58.99	68.20	-9.21	HORIZONTAL	Peak
3		5728.582	58.86	32.07	6.25	36.89	60.29	68.20	-7.91	HORIZONTAL	Peak

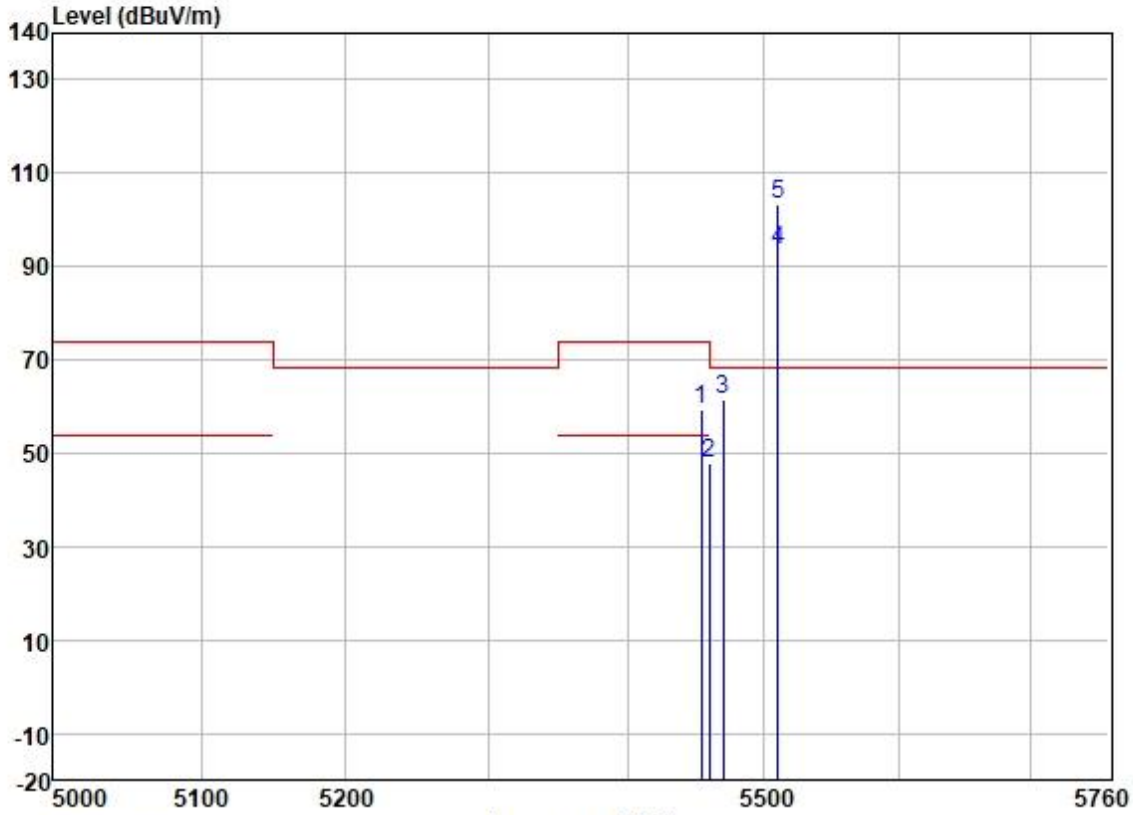
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	*	5700.000	102.76	32.01	6.40	36.89	104.28	68.20	36.08	VERTICAL	Peak
2		5725.000	57.63	32.07	6.25	36.89	59.06	68.20	-9.14	VERTICAL	Peak
3		5730.082	60.52	32.07	6.25	36.89	61.95	68.20	-6.25	VERTICAL	Peak

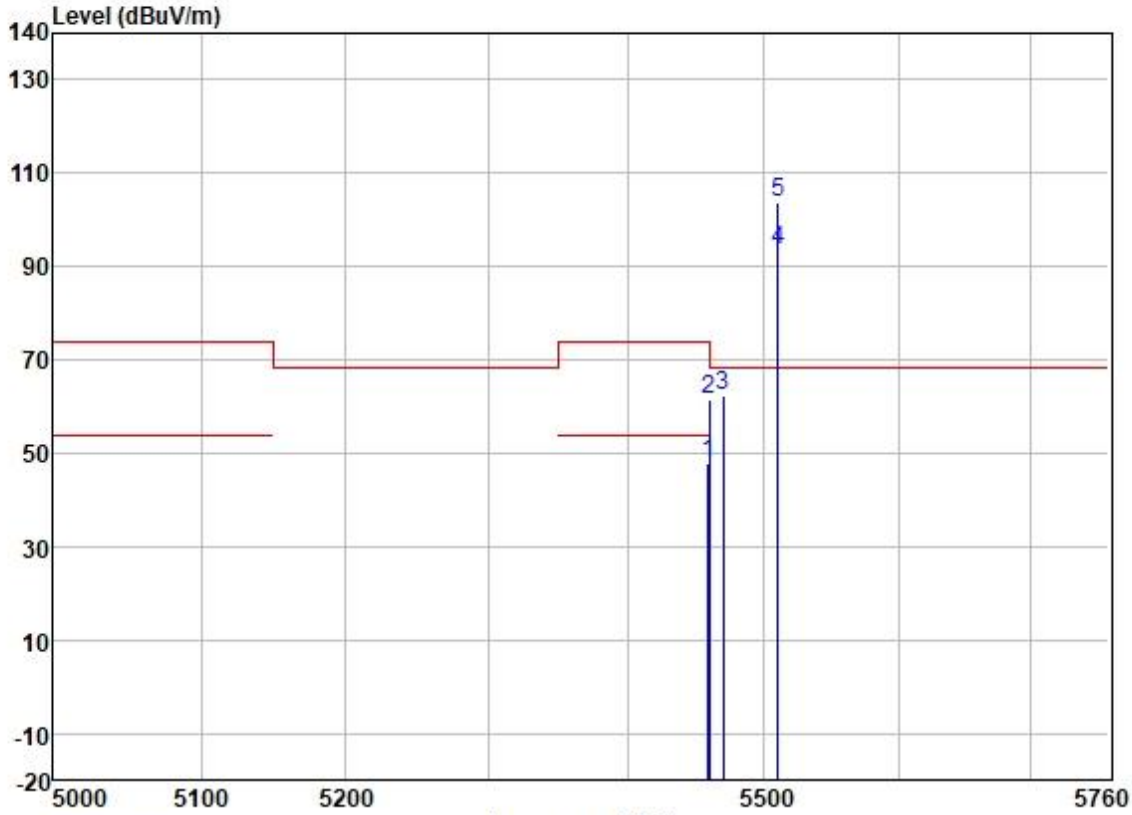
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	5453.336	58.24	31.79	6.26	36.88	59.41	74.00	-14.59	HORIZONTAL	Peak
2	5459.761	46.47	31.79	6.26	36.88	47.64	54.00	-6.36	HORIZONTAL	Average
3	5469.272	60.41	31.80	6.31	36.88	61.64	68.20	-6.56	HORIZONTAL	Peak
4	5510.000	92.08	31.80	6.40	36.88	93.40	------	------	HORIZONTAL	Average
5 *	5510.000	101.82	31.80	6.40	36.88	103.14	68.20	34.94	HORIZONTAL	Peak

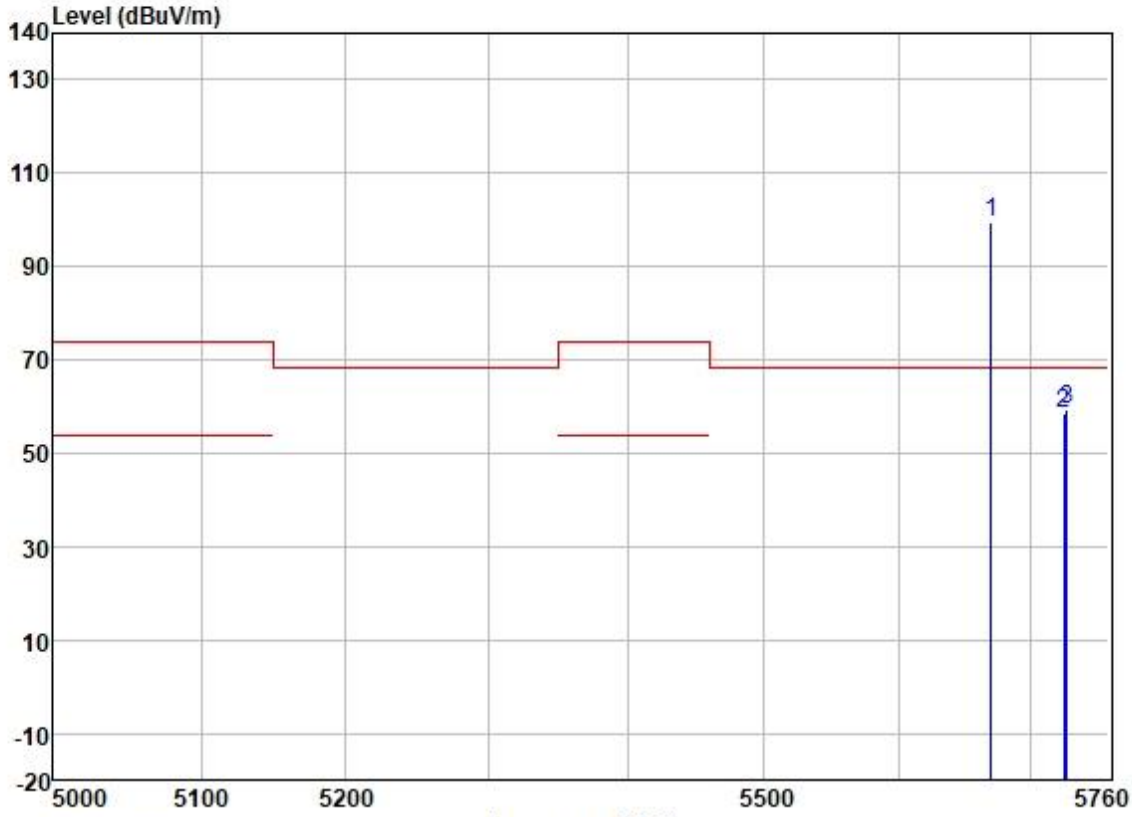
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	5458.503	46.54	31.79	6.26	36.88	47.71	54.00	-6.29	VERTICAL	Average
2	5459.481	60.32	31.79	6.26	36.88	61.49	74.00	-12.51	VERTICAL	Peak
3	5469.412	60.94	31.80	6.31	36.88	62.17	68.20	-6.03	VERTICAL	Peak
4	5510.000	92.12	31.80	6.40	36.88	93.44	------	------	VERTICAL	Average
5 *	5510.000	102.28	31.80	6.40	36.88	103.60	68.20	35.40	VERTICAL	Peak

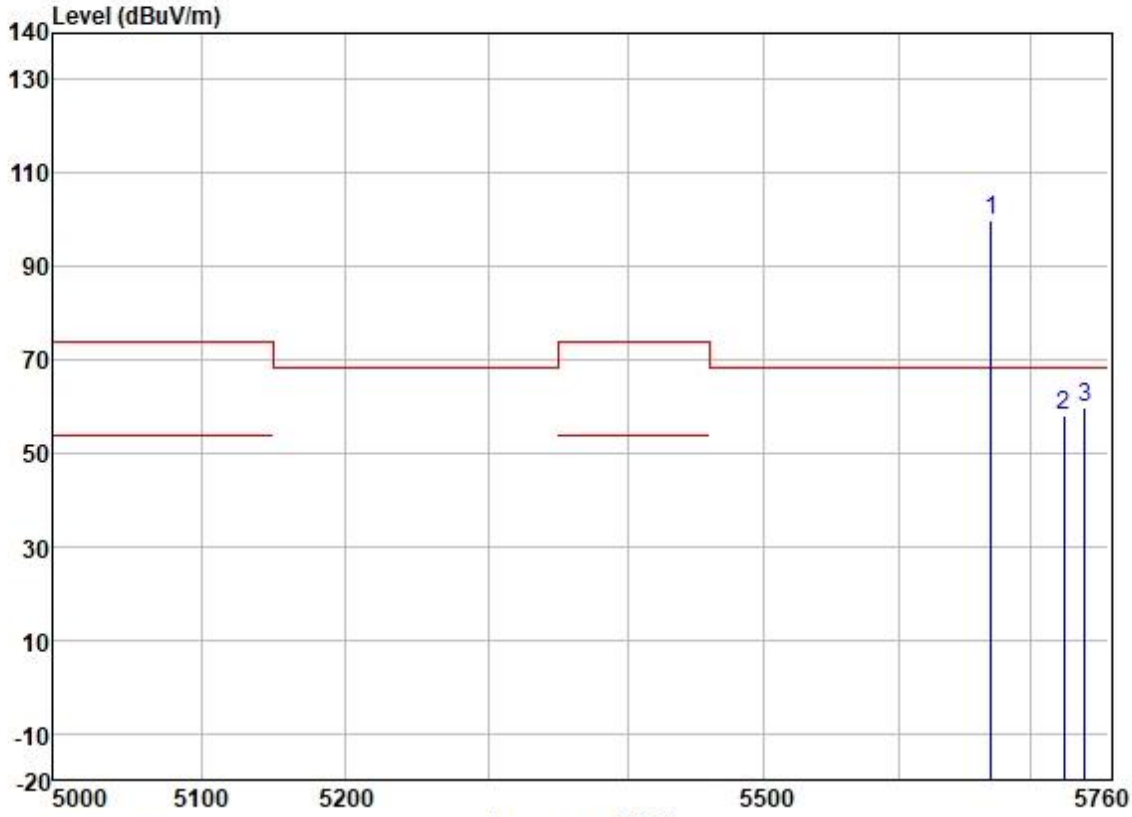
Test Mode: 04; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



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	98.09	31.97	6.37	36.89	99.54	68.20	31.34	HORIZONTAL	Peak
2		5725.000	56.95	32.07	6.25	36.89	58.38	68.20	-9.82	HORIZONTAL	Peak
3		5727.238	57.75	32.07	6.25	36.89	59.18	68.20	-9.02	HORIZONTAL	Peak

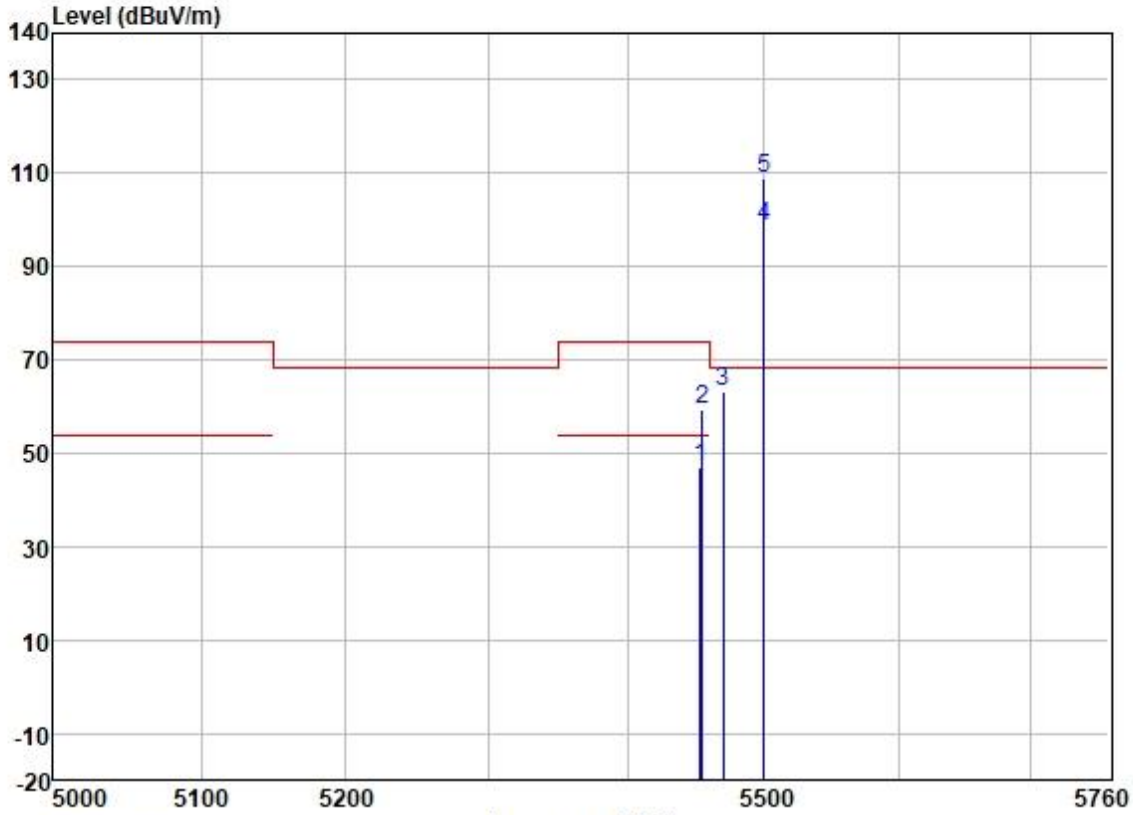
Test Mode: 04; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



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	98.30	31.97	6.37	36.89	99.75	68.20	31.55	VERTICAL	Peak
2	5725.000	56.45	32.07	6.25	36.89	57.88	68.20	-10.32	VERTICAL	Peak
3	5741.157	58.25	32.10	6.20	36.89	59.66	68.20	-8.54	VERTICAL	Peak

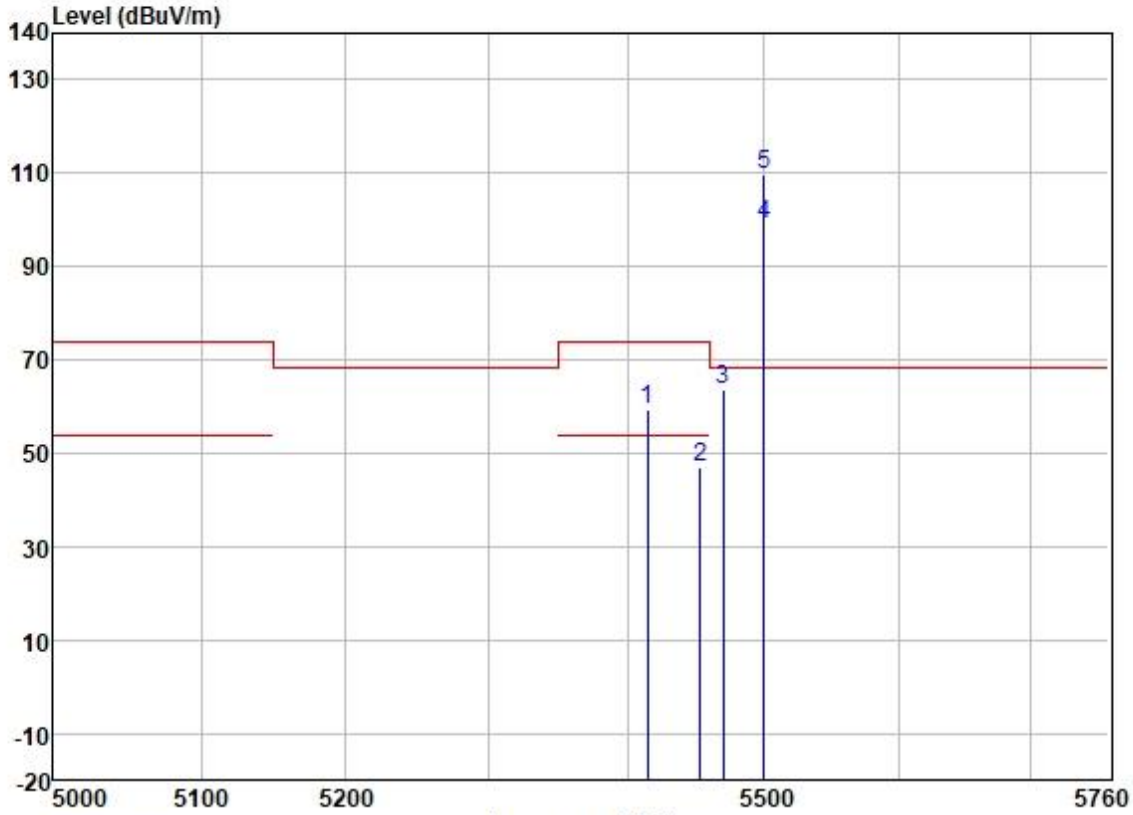
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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	5452.595	45.78	31.79	6.26	36.88	46.95	54.00	-7.05	HORIZONTAL	Average
2	5454.273	58.07	31.79	6.26	36.88	59.24	74.00	-14.76	HORIZONTAL	Peak
3	5469.639	61.87	31.80	6.31	36.88	63.10	68.20	-5.10	HORIZONTAL	Peak
4	5500.000	97.11	31.80	6.40	36.88	98.43	------	------	HORIZONTAL	Average
5 *	5500.000	107.67	31.80	6.40	36.88	108.99	68.20	40.79	HORIZONTAL	Peak

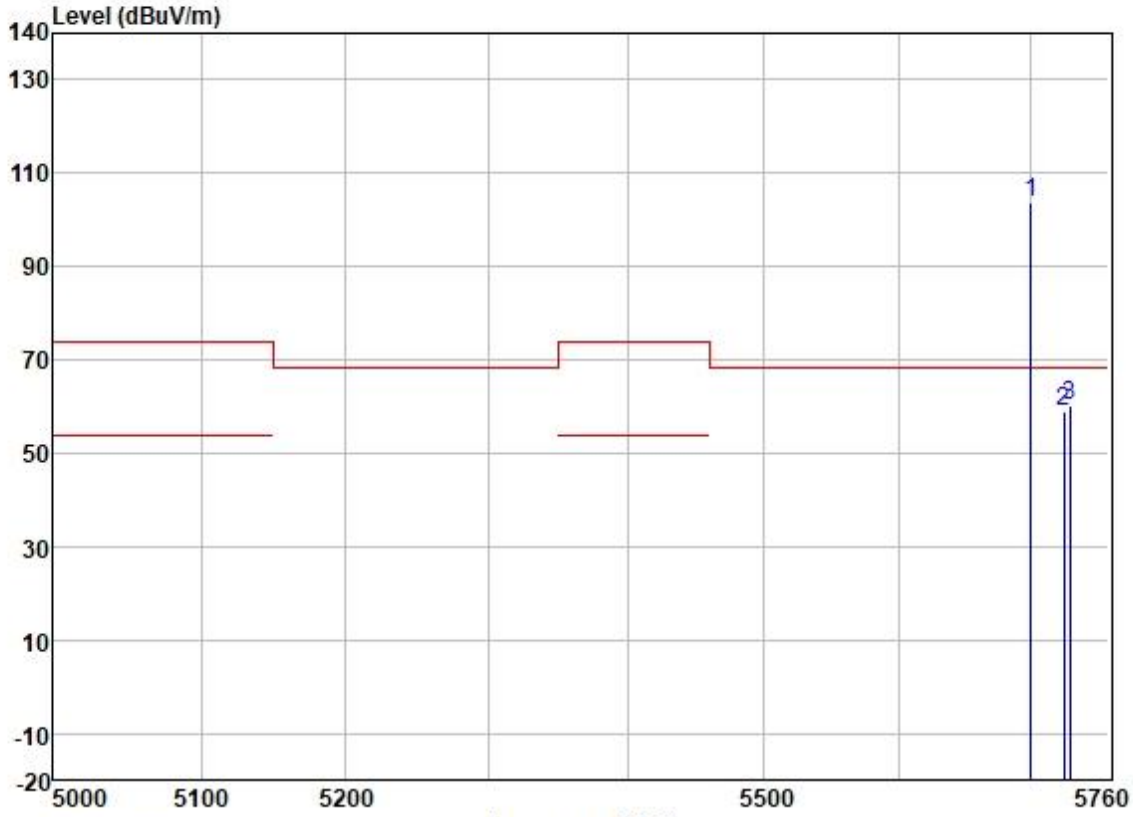
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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	5414.618	58.49	31.79	6.06	36.88	59.46	74.00	-14.54	VERTICAL	Peak
2	5452.715	45.66	31.79	6.26	36.88	46.83	54.00	-7.17	VERTICAL	Average
3	5469.759	62.55	31.80	6.31	36.88	63.78	68.20	-4.42	VERTICAL	Peak
4	5500.000	97.93	31.80	6.40	36.88	99.25	------	------	VERTICAL	Average
5 *	5500.000	108.22	31.80	6.40	36.88	109.54	68.20	41.34	VERTICAL	Peak

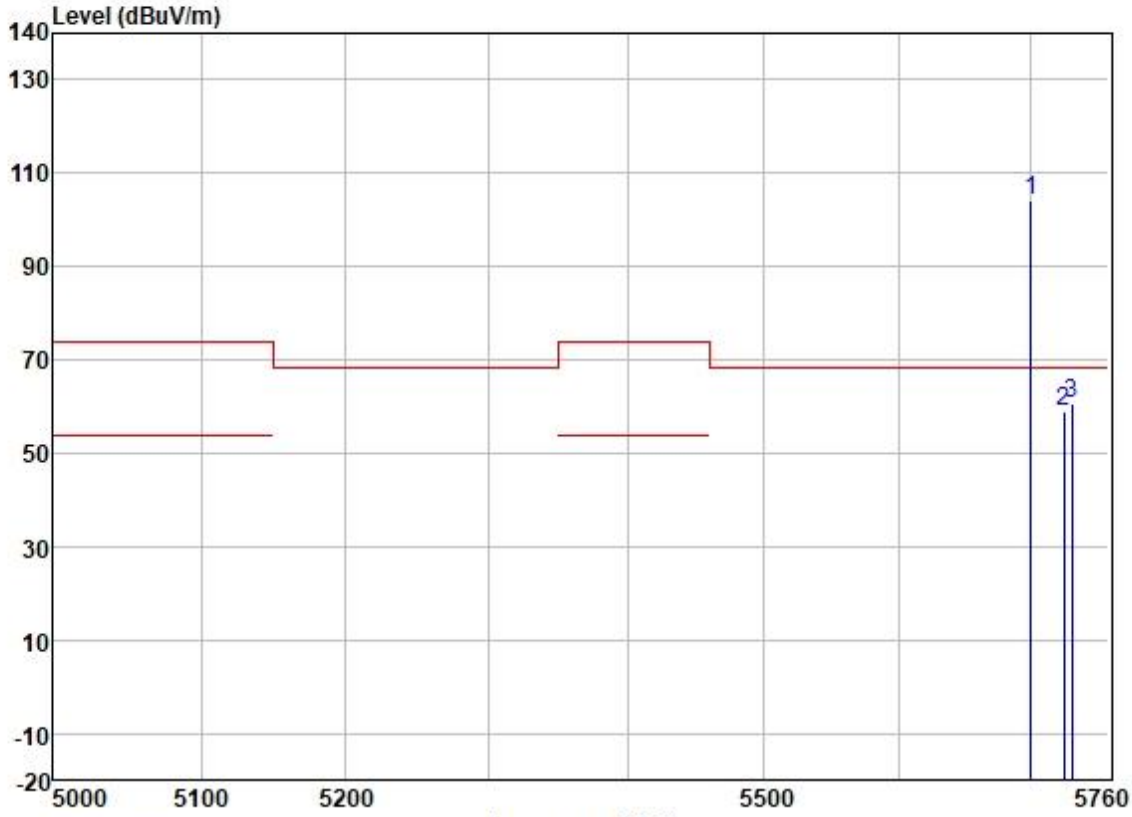
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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	102.18	32.01	6.40	36.89	103.70	68.20	35.50	HORIZONTAL	Peak
2		5725.000	57.64	32.07	6.25	36.89	59.07	68.20	-9.13	HORIZONTAL	Peak
3		5729.982	58.70	32.07	6.25	36.89	60.13	68.20	-8.07	HORIZONTAL	Peak

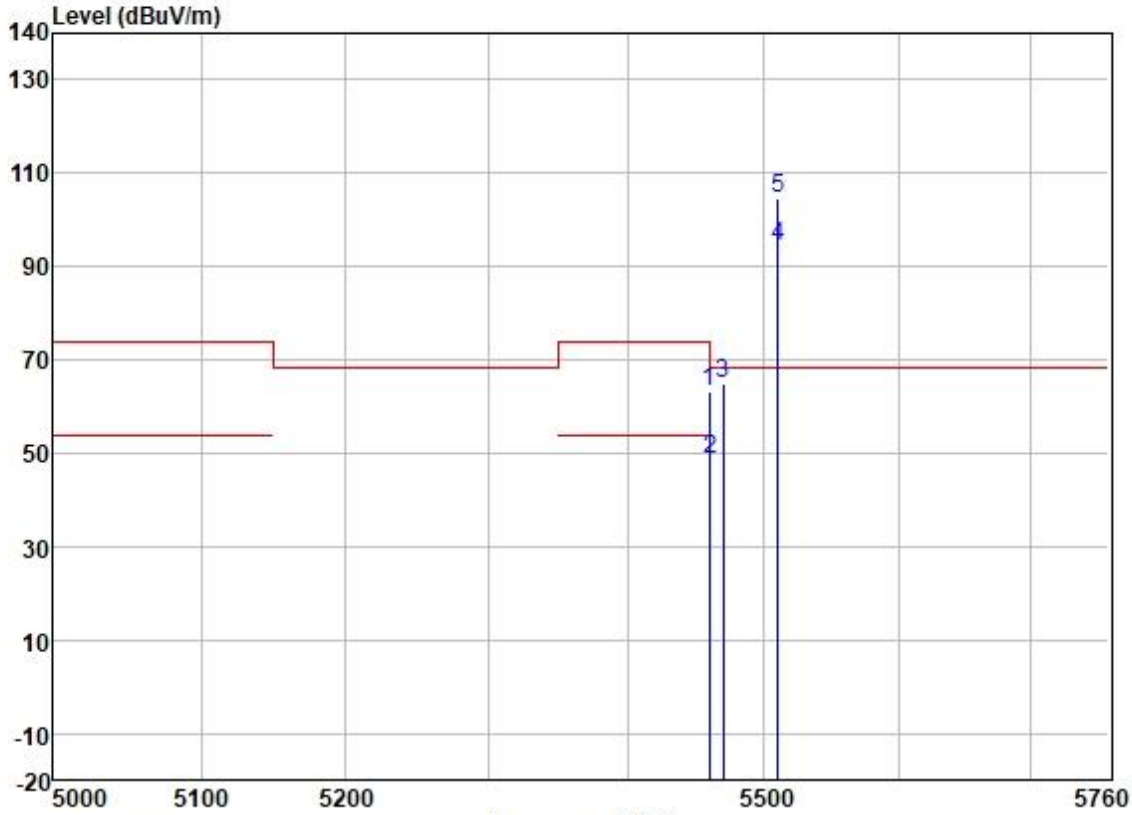
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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	102.63	32.01	6.40	36.89	104.15	68.20	35.95	VERTICAL	Peak
2		5725.000	57.49	32.07	6.25	36.89	58.92	68.20	-9.28	VERTICAL	Peak
3		5731.082	59.25	32.07	6.25	36.89	60.68	68.20	-7.52	VERTICAL	Peak

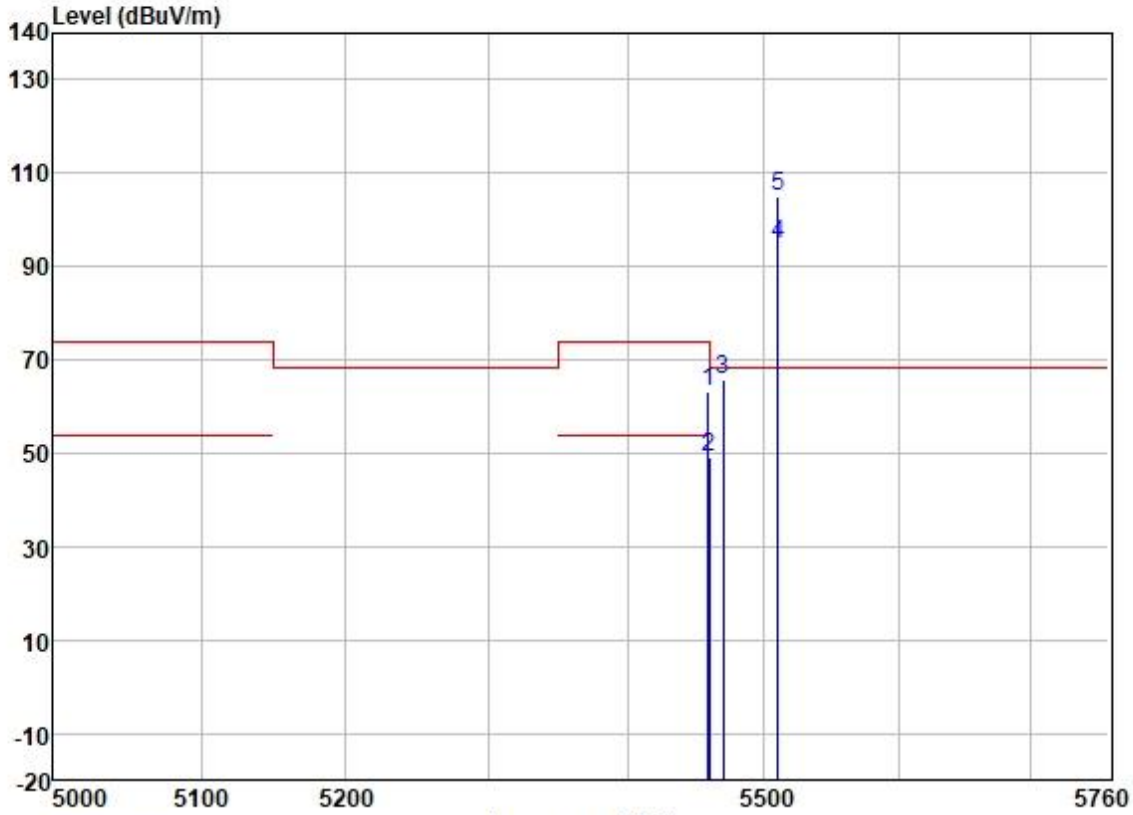
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



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	5459.761	62.18	31.79	6.26	36.88	63.35	74.00	-10.65	HORIZONTAL	Peak
2	5459.901	47.66	31.79	6.26	36.88	48.83	54.00	-5.17	HORIZONTAL	Average
3	5469.272	63.69	31.80	6.31	36.88	64.92	68.20	-3.28	HORIZONTAL	Peak
4	5510.000	92.90	31.80	6.40	36.88	94.22	------	------	HORIZONTAL	Average
5 *	5510.000	103.20	31.80	6.40	36.88	104.52	68.20	36.32	HORIZONTAL	Peak

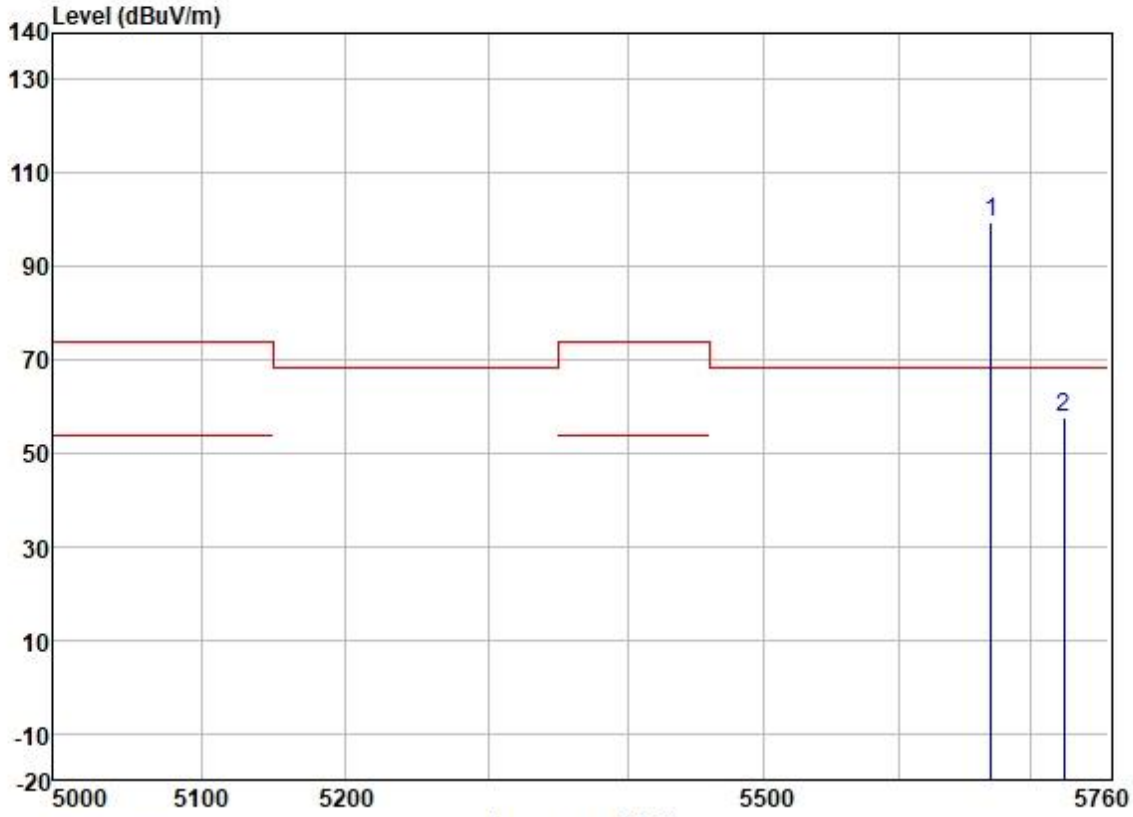
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



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	5458.503	61.86	31.79	6.26	36.88	63.03	74.00	-10.97	VERTICAL	Peak
2	5459.622	48.06	31.79	6.26	36.88	49.23	54.00	-4.77	VERTICAL	Average
3	5469.412	64.45	31.80	6.31	36.88	65.68	68.20	-2.52	VERTICAL	Peak
4	5510.000	93.56	31.80	6.40	36.88	94.88	------	------	VERTICAL	Average
5 *	5510.000	103.69	31.80	6.40	36.88	105.01	68.20	36.81	VERTICAL	Peak

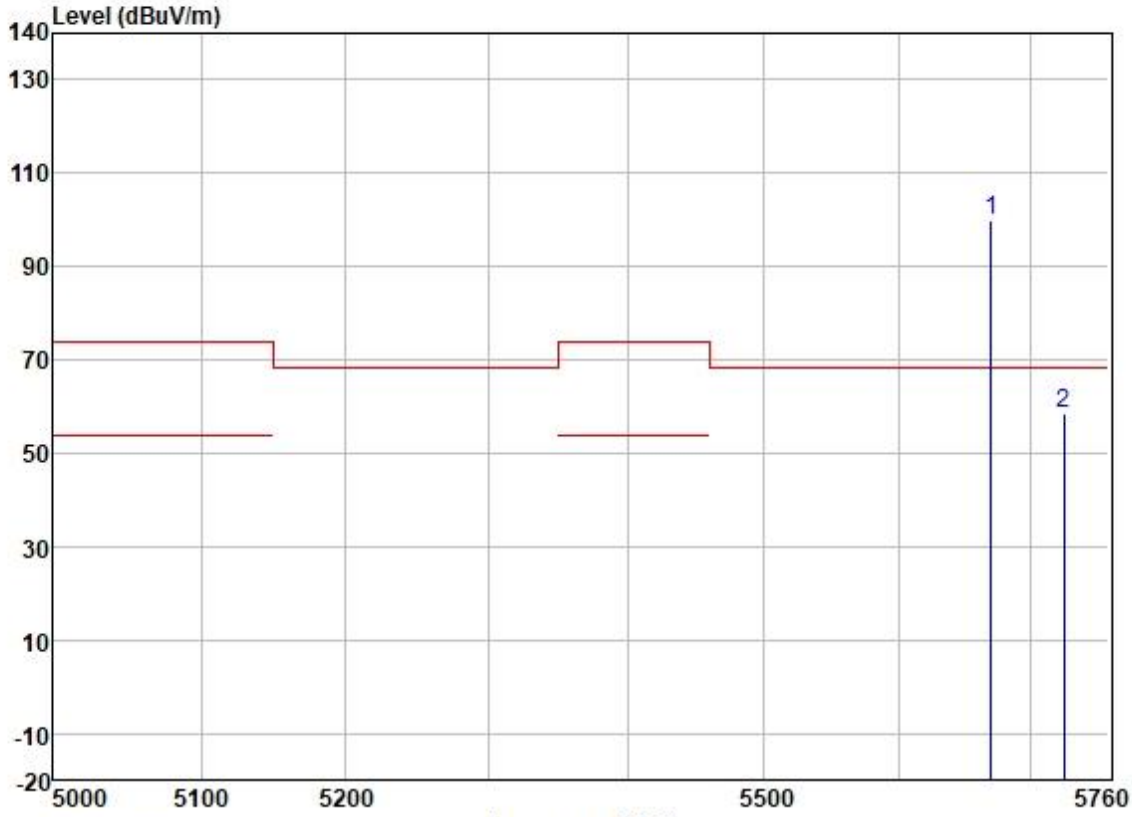
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	97.90	31.97	6.37	36.89	99.35	68.20	31.15	HORIZONTAL	Peak
2	5725.000	56.41	32.07	6.25	36.89	57.84	68.20	-10.36	HORIZONTAL	Peak

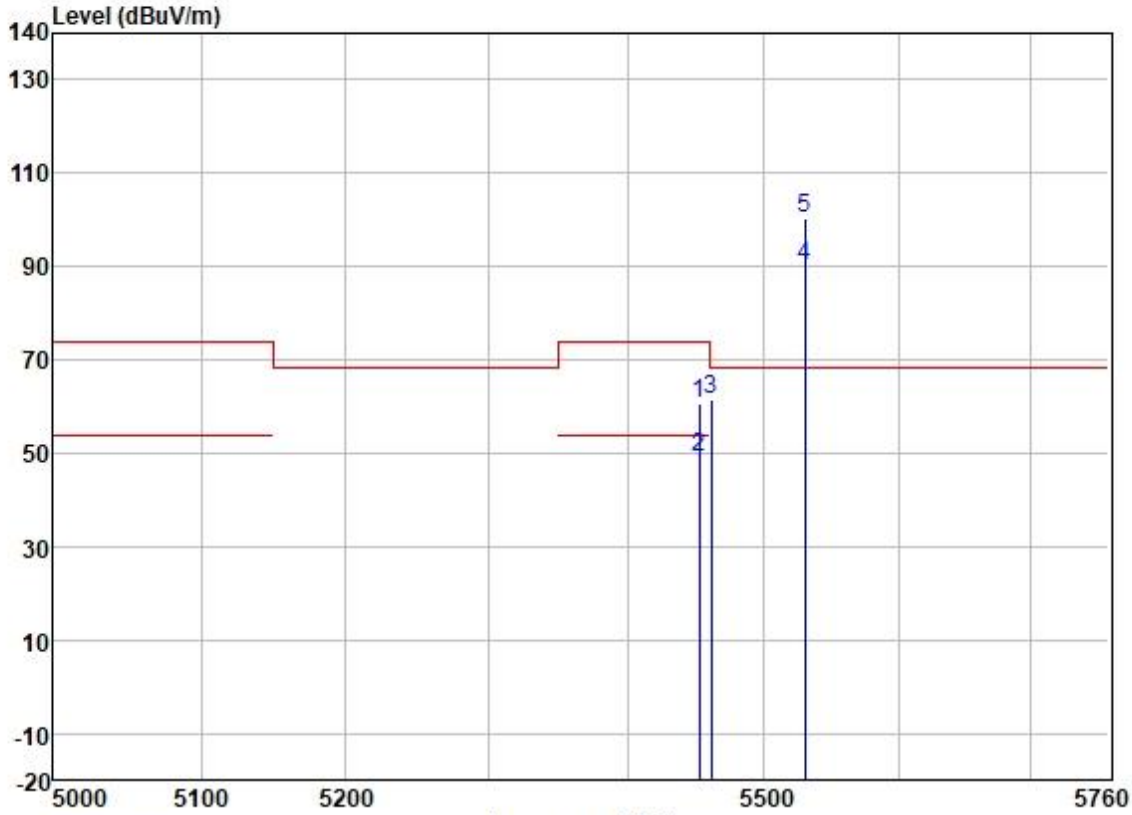
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	98.59	31.97	6.37	36.89	100.04	68.20	31.84	VERTICAL	Peak
2	5725.000	56.98	32.07	6.25	36.89	58.41	68.20	-9.79	VERTICAL	Peak

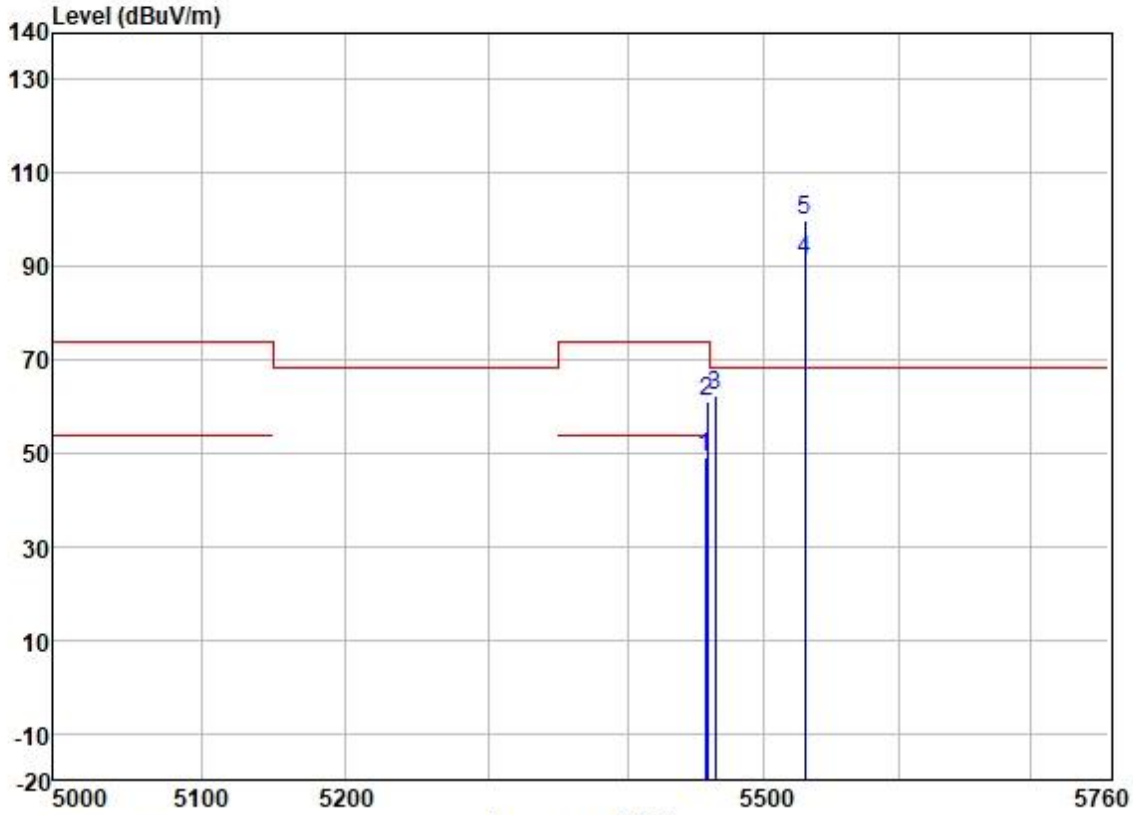
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



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	5451.951	59.43	31.79	6.26	36.88	60.60	74.00	-13.40	HORIZONTAL	Peak
2	5452.130	47.86	31.79	6.26	36.88	49.03	54.00	-4.97	HORIZONTAL	Average
3	5460.539	60.53	31.79	6.26	36.88	61.70	68.20	-6.50	HORIZONTAL	Peak
4	5530.000	88.96	31.83	6.37	36.89	90.27	------	------	HORIZONTAL	Average
5 *	5530.000	99.04	31.83	6.37	36.89	100.35	68.20	32.15	HORIZONTAL	Peak

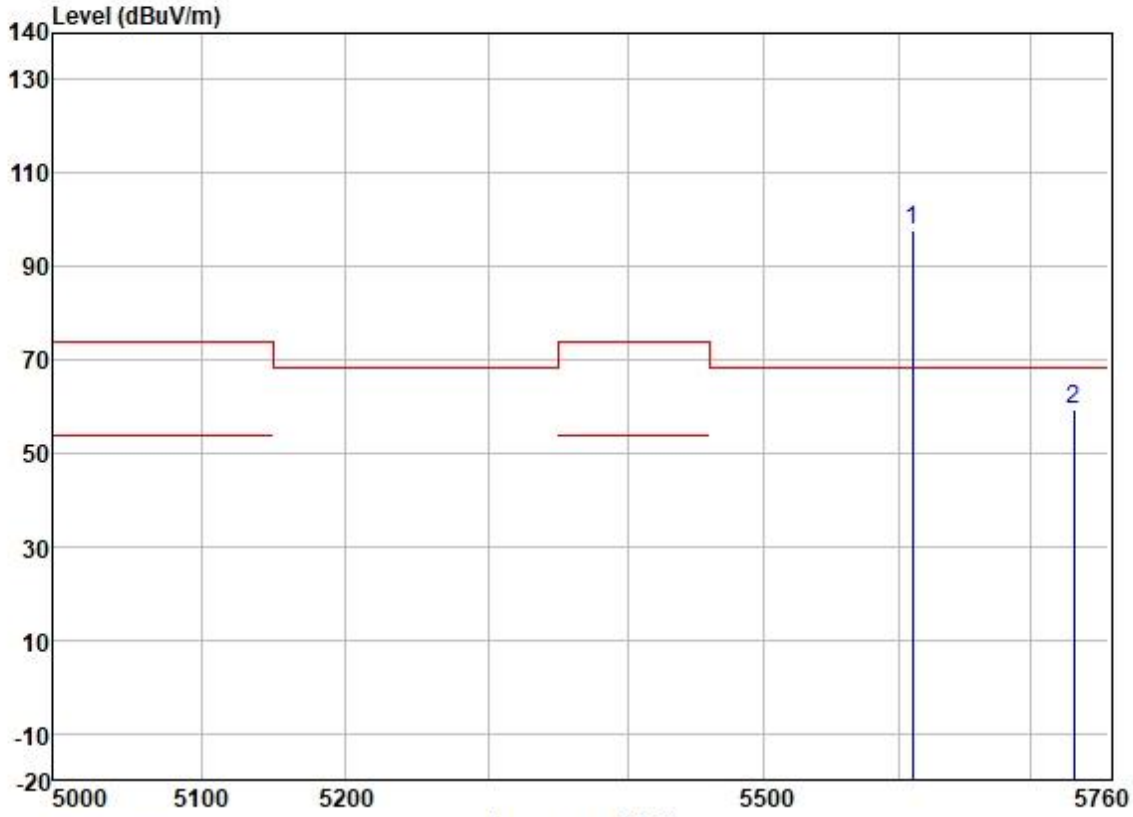
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:Low



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	5456.780	48.05	31.79	6.26	36.88	49.22	54.00	-4.78	VERTICAL	Average
2	5457.854	60.01	31.79	6.26	36.88	61.18	74.00	-12.82	VERTICAL	Peak
3	5463.583	61.21	31.80	6.31	36.88	62.44	68.20	-5.76	VERTICAL	Peak
4	5530.000	89.91	31.83	6.37	36.89	91.22	------	------	VERTICAL	Average
5 *	5530.000	98.71	31.83	6.37	36.89	100.02	68.20	31.82	VERTICAL	Peak

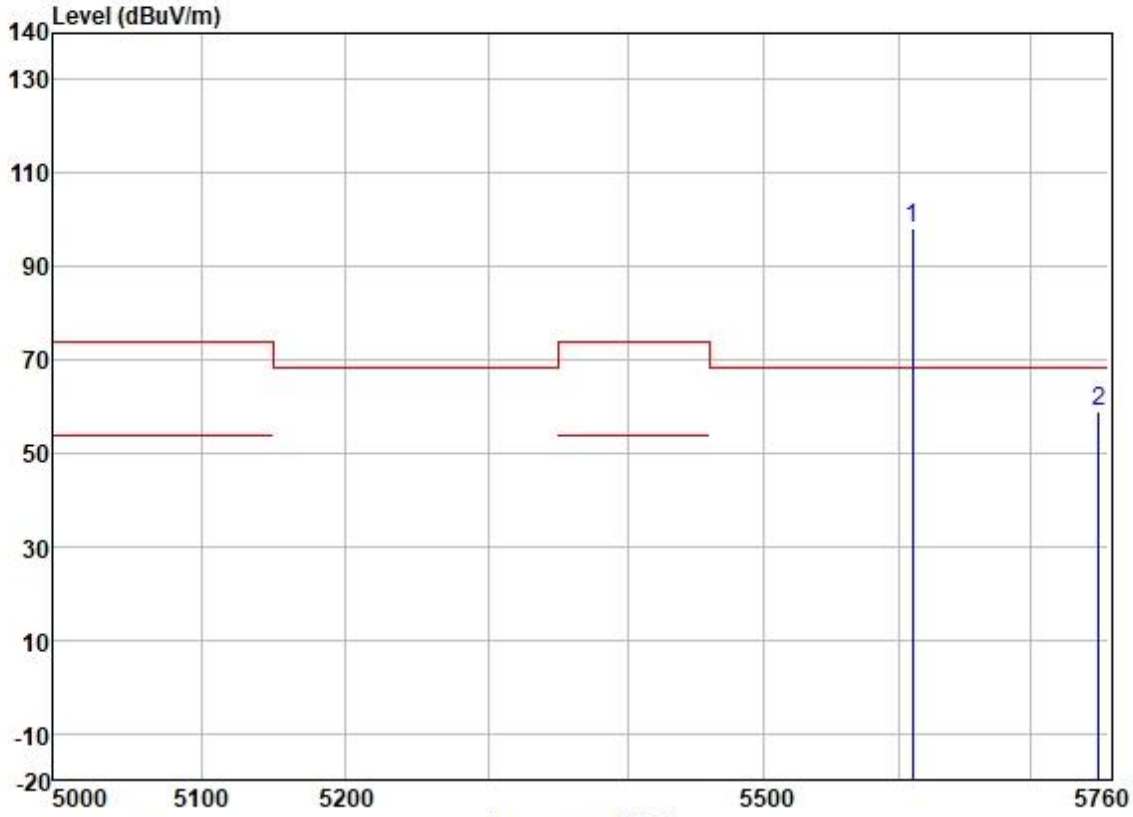
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



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	96.53	31.91	6.32	36.89	97.87	68.20	29.67	HORIZONTAL	Peak
2	5732.788	57.87	32.07	6.25	36.89	59.30	68.20	-8.90	HORIZONTAL	Peak

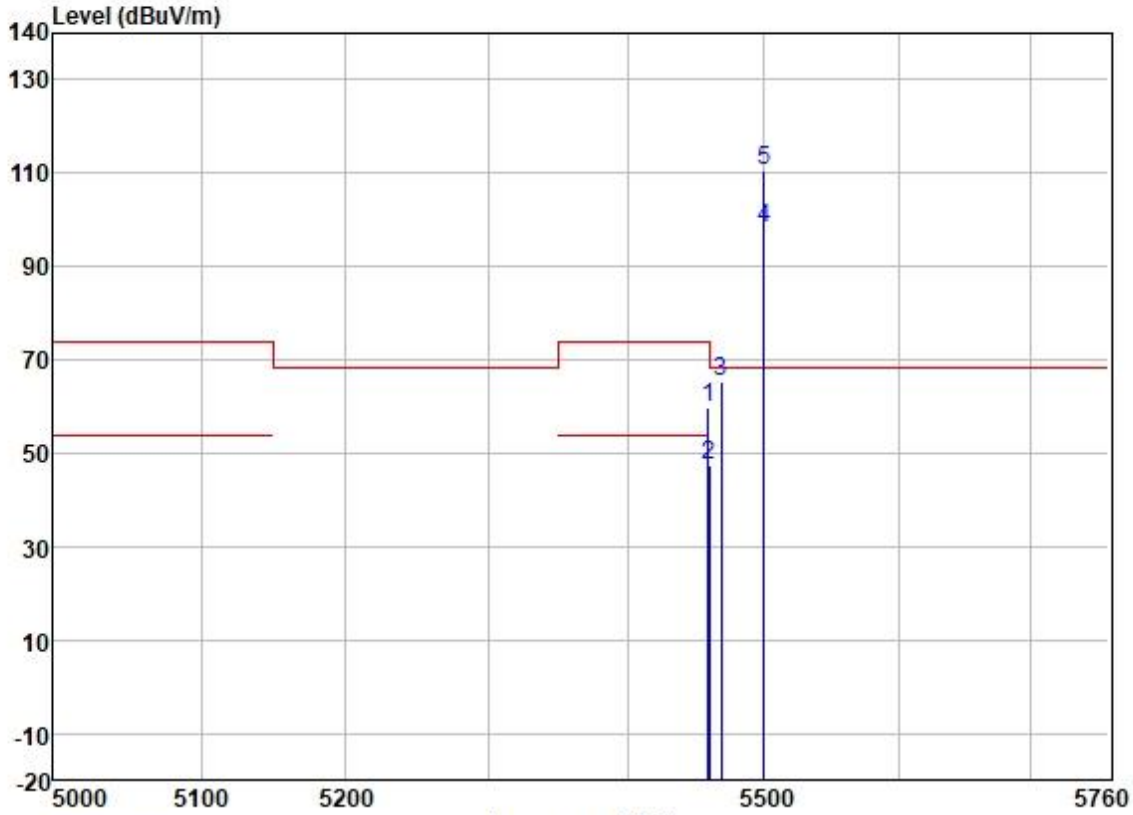
Test Mode: 04; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:High



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	96.99	31.91	6.32	36.89	98.33	68.20	30.13	VERTICAL	Peak
2		5751.660	57.60	32.10	6.20	36.89	59.01	68.20	-9.19	VERTICAL	Peak

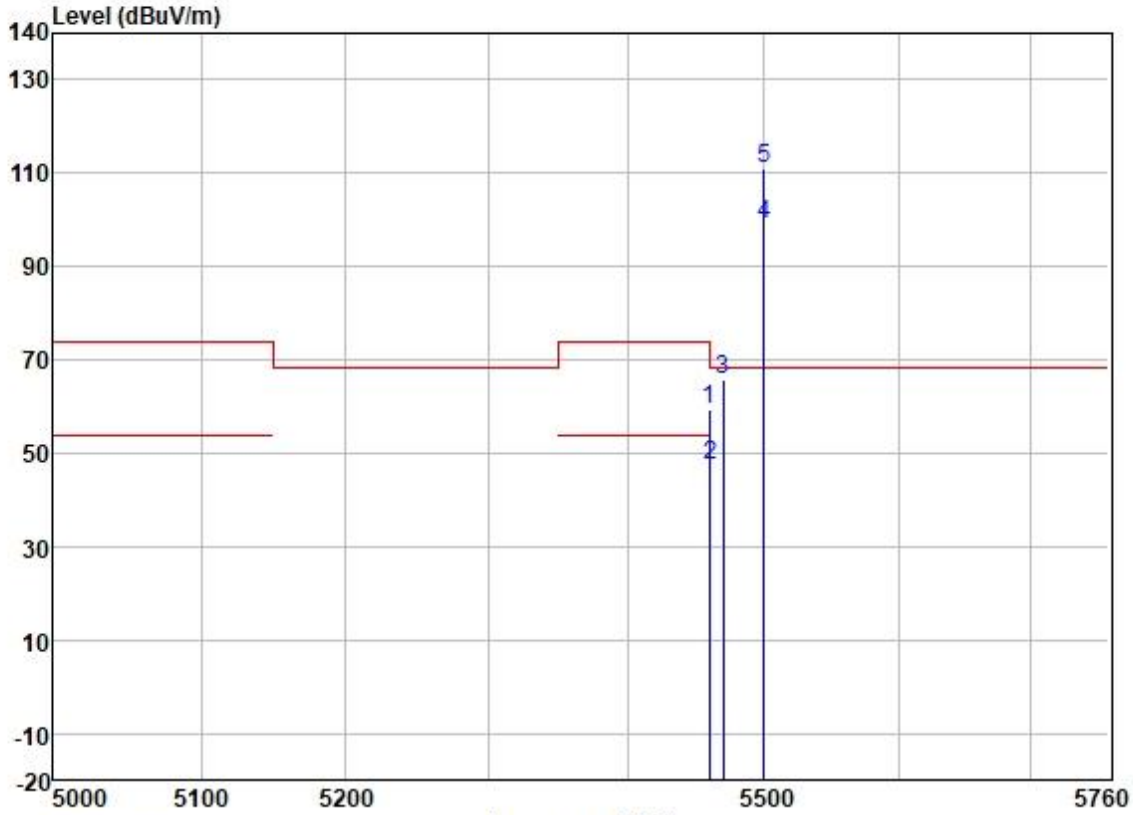
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



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		5458.590	58.43	31.79	6.26	36.88	59.60	74.00	-14.40	HORIZONTAL	Peak
2		5459.070	46.43	31.79	6.26	36.88	47.60	54.00	-6.40	HORIZONTAL	Average
3		5468.437	64.11	31.80	6.31	36.88	65.34	68.20	-2.86	HORIZONTAL	Peak
4		5500.000	96.88	31.80	6.40	36.88	98.20	------	------	HORIZONTAL	Average
5	*	5500.000	109.32	31.80	6.40	36.88	110.64	68.20	42.44	HORIZONTAL	Peak

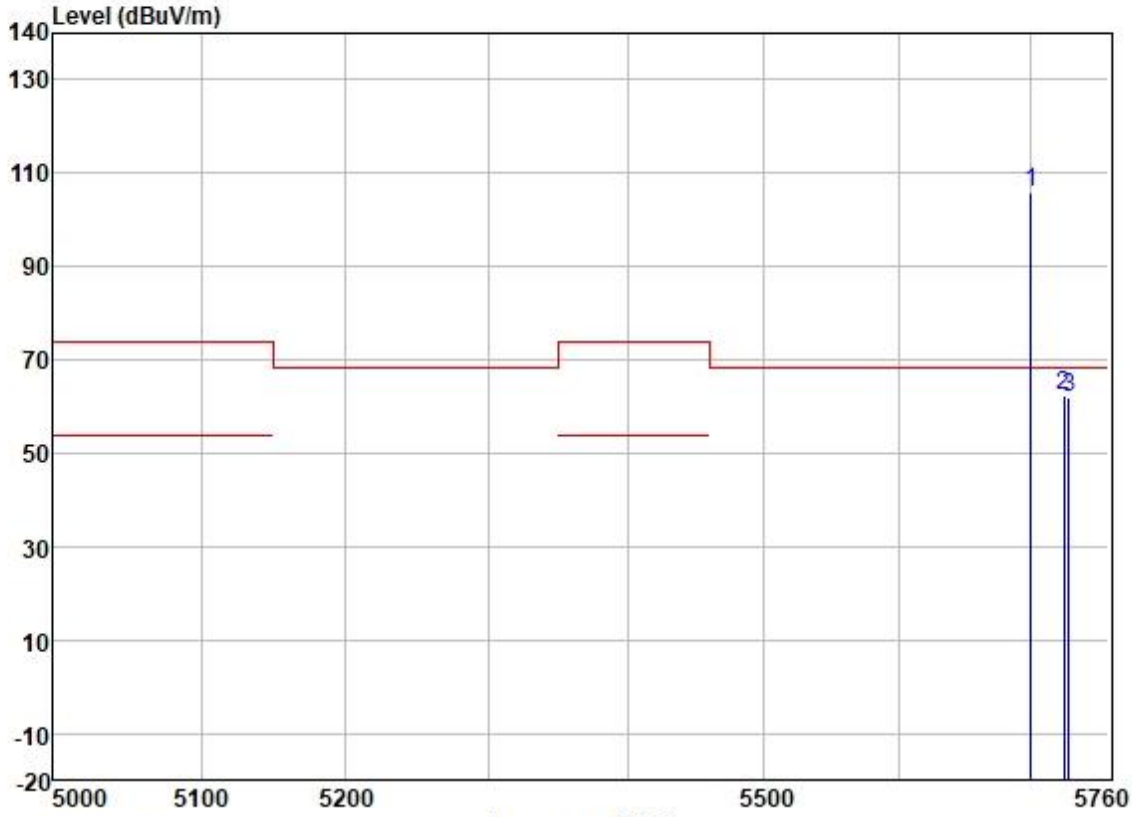
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



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	5459.670	58.15	31.79	6.26	36.88	59.32	74.00	-14.68	VERTICAL	Peak
2	5459.791	46.27	31.79	6.26	36.88	47.44	54.00	-6.56	VERTICAL	Average
3	5469.880	64.39	31.80	6.31	36.88	65.62	68.20	-2.58	VERTICAL	Peak
4	5500.000	97.59	31.80	6.40	36.88	98.91	------	------	VERTICAL	Average
5 *	5500.000	109.87	31.80	6.40	36.88	111.19	68.20	42.99	VERTICAL	Peak

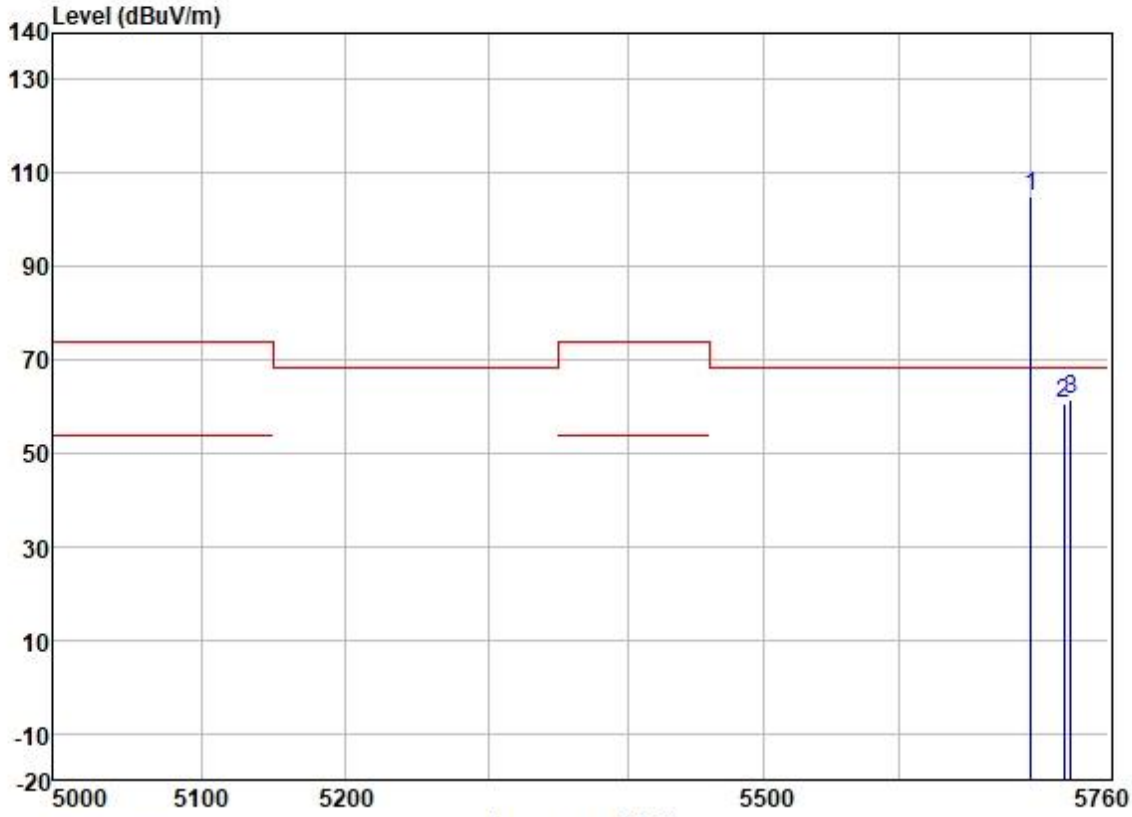
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



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	104.27	32.01	6.40	36.89	105.79	68.20	37.59	HORIZONTAL	Peak
2		5725.000	61.12	32.07	6.25	36.89	62.55	68.20	-5.65	HORIZONTAL	Peak
3		5729.282	60.33	32.07	6.25	36.89	61.76	68.20	-6.44	HORIZONTAL	Peak

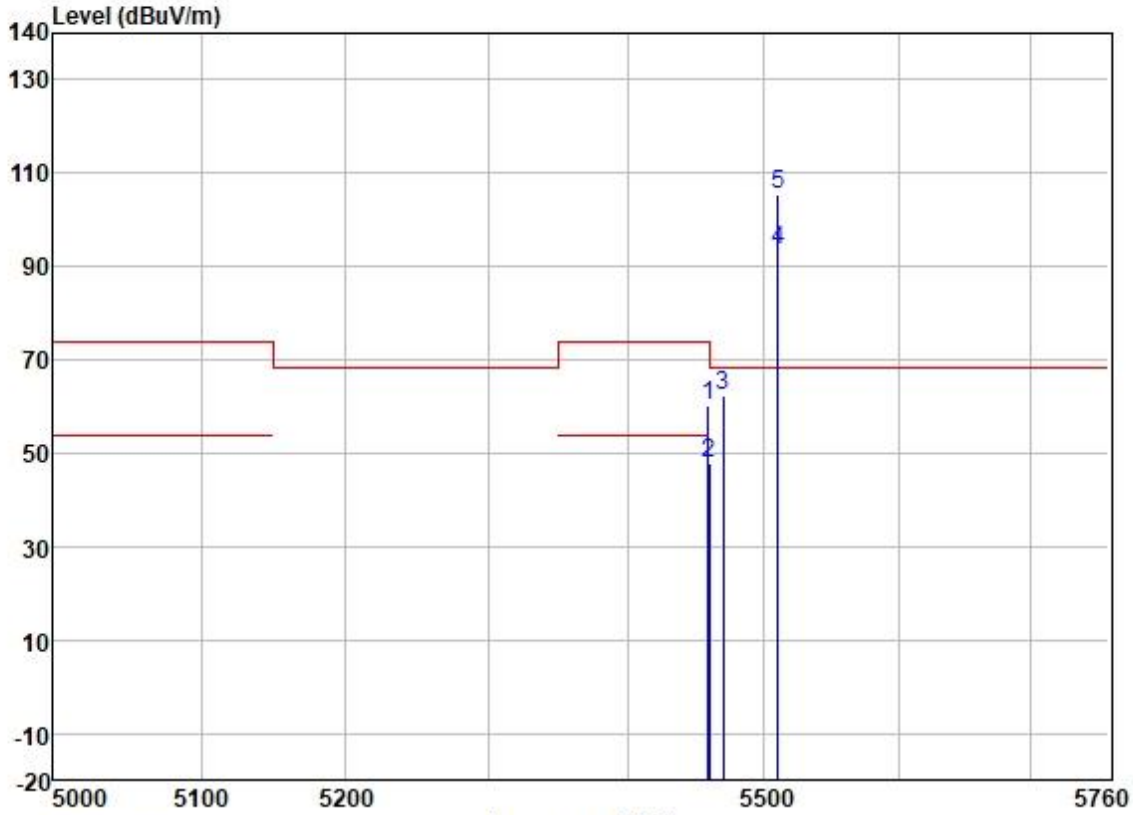
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



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	103.48	32.01	6.40	36.89	105.00	68.20	36.80	VERTICAL	Peak
2		5725.000	59.35	32.07	6.25	36.89	60.78	68.20	-7.42	VERTICAL	Peak
3		5730.882	60.01	32.07	6.25	36.89	61.44	68.20	-6.76	VERTICAL	Peak

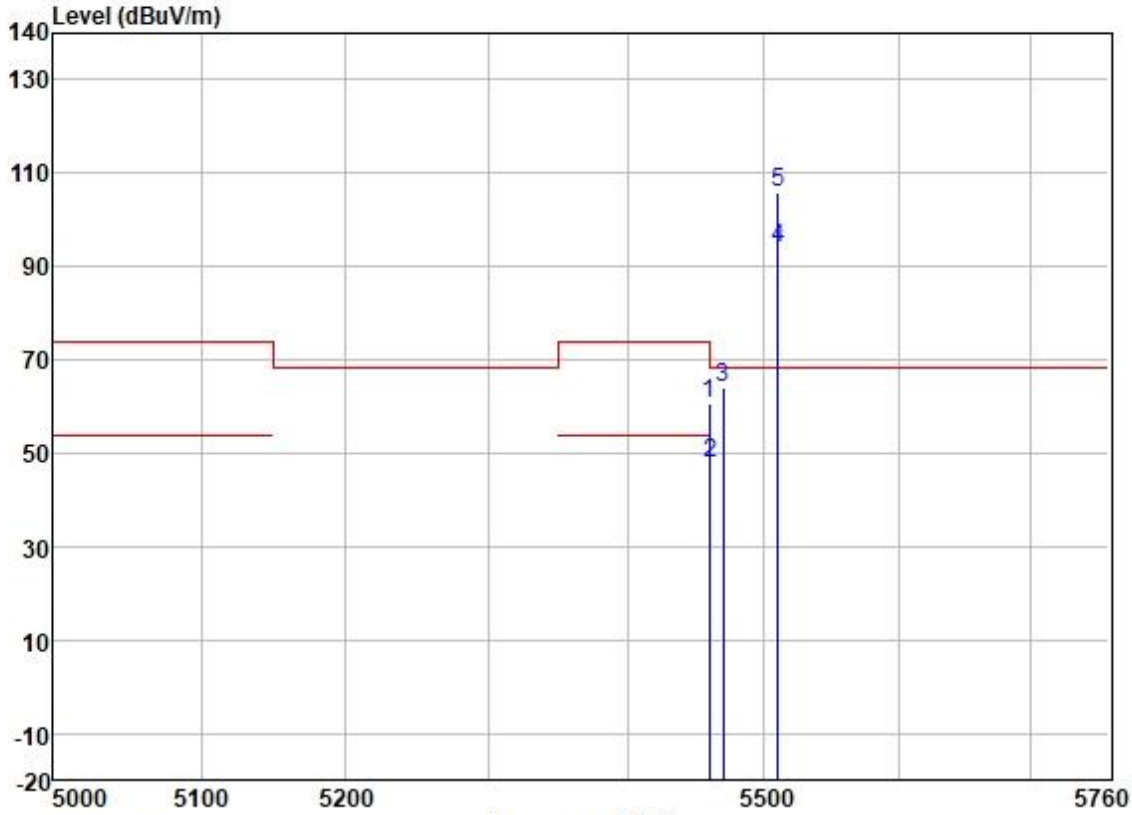
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



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	5458.364	58.98	31.79	6.26	36.88	60.15	74.00	-13.85	HORIZONTAL	Peak
2	5459.481	46.69	31.79	6.26	36.88	47.86	54.00	-6.14	HORIZONTAL	Average
3	5469.552	60.91	31.80	6.31	36.88	62.14	68.20	-6.06	HORIZONTAL	Peak
4	5510.000	91.99	31.80	6.40	36.88	93.31	------	------	HORIZONTAL	Average
5 *	5510.000	104.15	31.80	6.40	36.88	105.47	68.20	37.27	HORIZONTAL	Peak

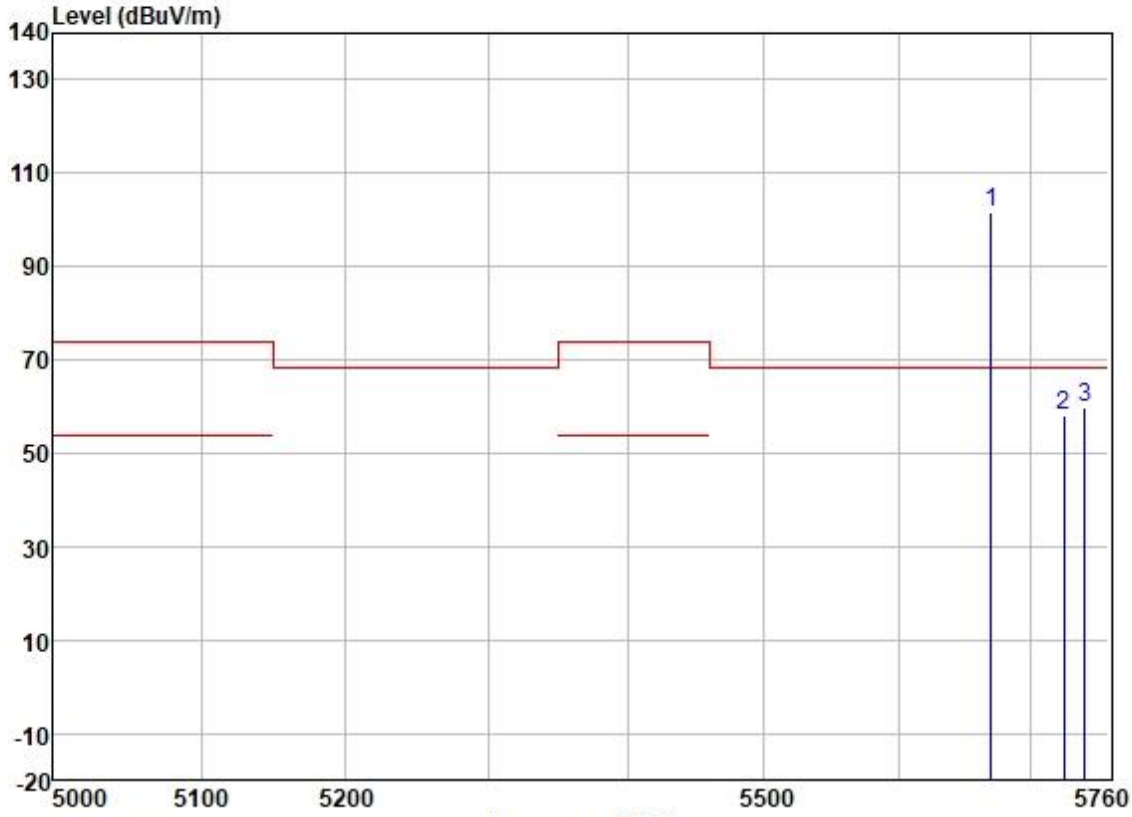
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



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	5459.761	59.48	31.79	6.26	36.88	60.65	74.00	-13.35	VERTICAL	Peak
2	5459.901	46.88	31.79	6.26	36.88	48.05	54.00	-5.95	VERTICAL	Average
3	5469.552	62.63	31.80	6.31	36.88	63.86	68.20	-4.34	VERTICAL	Peak
4	5510.000	92.57	31.80	6.40	36.88	93.89	------	------	VERTICAL	Average
5 *	5510.000	104.74	31.80	6.40	36.88	106.06	68.20	37.86	VERTICAL	Peak

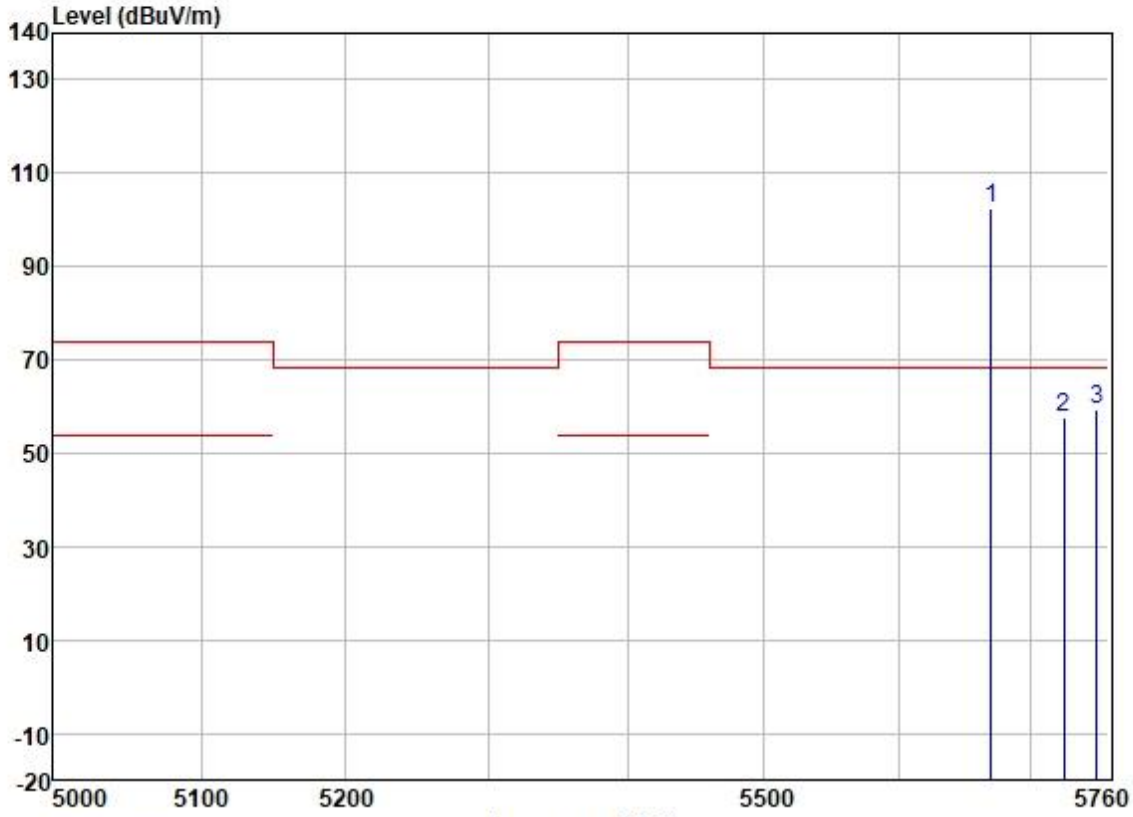
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:High



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	*	5670.000	100.24	31.97	6.37	36.89	101.69	68.20	33.49	HORIZONTAL	Peak
2		5725.000	56.83	32.07	6.25	36.89	58.26	68.20	-9.94	HORIZONTAL	Peak
3		5741.017	58.36	32.10	6.20	36.89	59.77	68.20	-8.43	HORIZONTAL	Peak

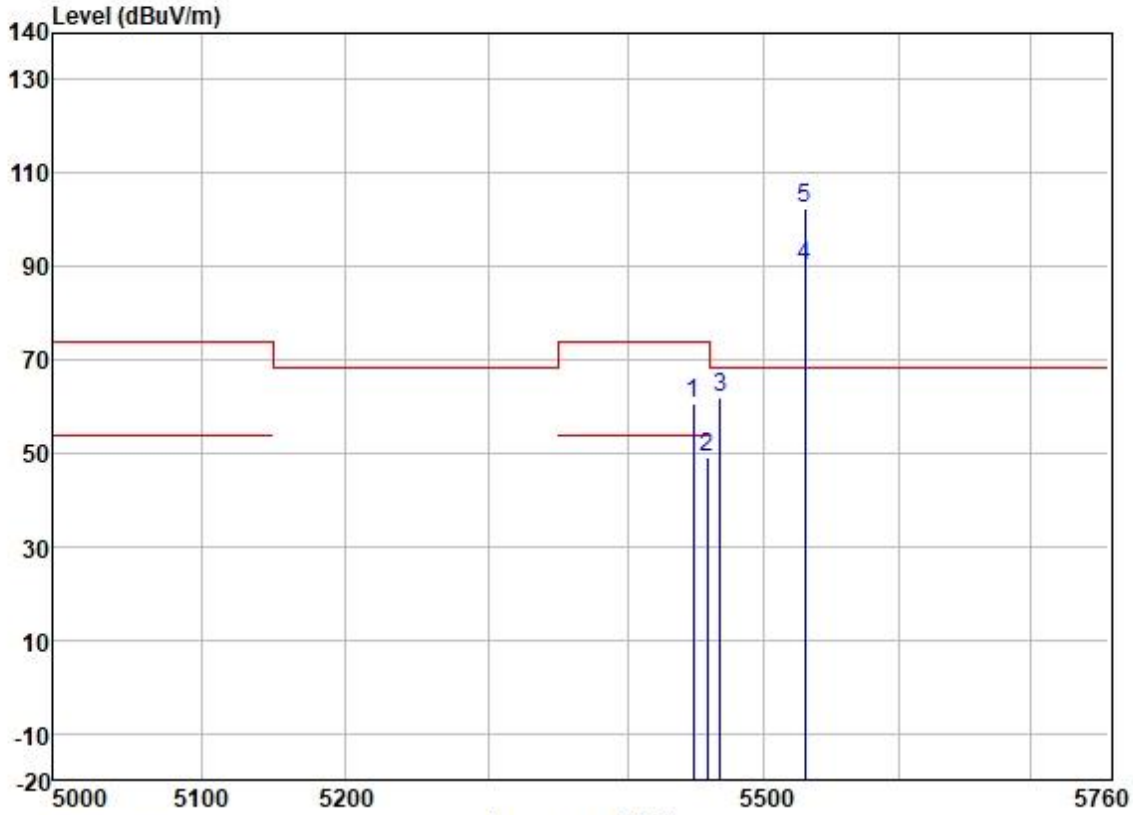
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:High



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	100.91	31.97	6.37	36.89	102.36	68.20	34.16	VERTICAL	Peak
2		5725.000	56.41	32.07	6.25	36.89	57.84	68.20	-10.36	VERTICAL	Peak
3		5750.314	58.03	32.10	6.20	36.89	59.44	68.20	-8.76	VERTICAL	Peak

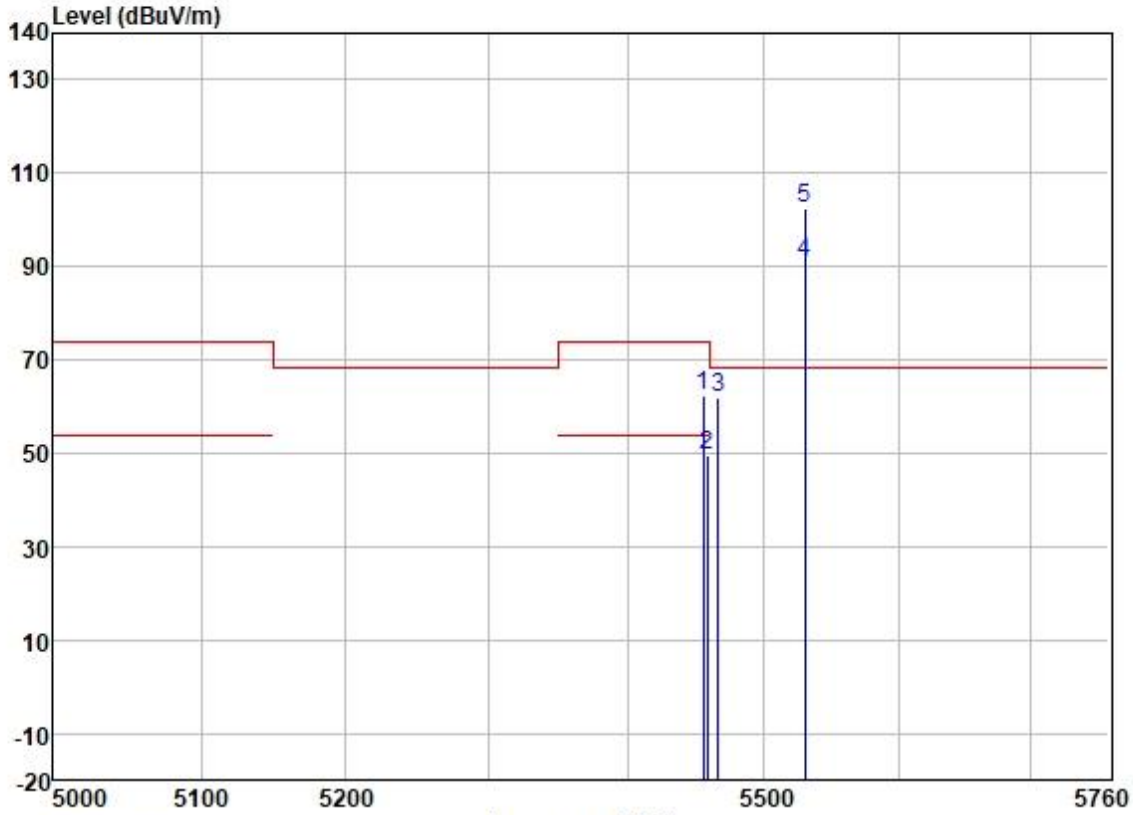
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:80MHz; Channel:Low



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	5447.484	59.32	31.79	6.20	36.88	60.43	74.00	-13.57	HORIZONTAL	Peak
2	5457.675	48.15	31.79	6.26	36.88	49.32	54.00	-4.68	HORIZONTAL	Average
3	5467.526	60.82	31.80	6.31	36.88	62.05	68.20	-6.15	HORIZONTAL	Peak
4	5530.000	88.80	31.83	6.37	36.89	90.11	------	------	HORIZONTAL	Average
5 *	5530.000	101.02	31.83	6.37	36.89	102.33	68.20	34.13	HORIZONTAL	Peak

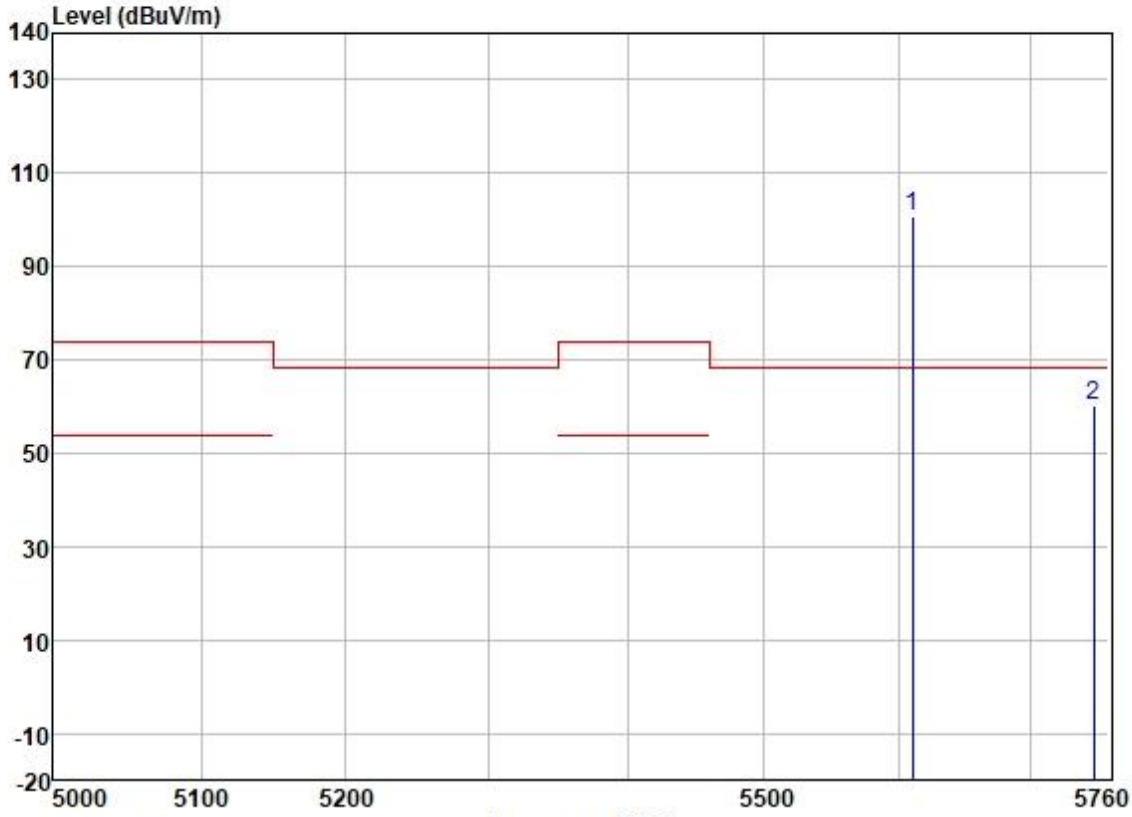
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:80MHz; Channel:Low



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	5455.349	61.08	31.79	6.26	36.88	62.25	74.00	-11.75	VERTICAL	Peak
2	5458.212	48.17	31.79	6.26	36.88	49.34	54.00	-4.66	VERTICAL	Average
3	5466.092	60.88	31.80	6.31	36.88	62.11	68.20	-6.09	VERTICAL	Peak
4	5530.000	89.78	31.83	6.37	36.89	91.09	------	------	VERTICAL	Average
5 *	5530.000	101.15	31.83	6.37	36.89	102.46	68.20	34.26	VERTICAL	Peak

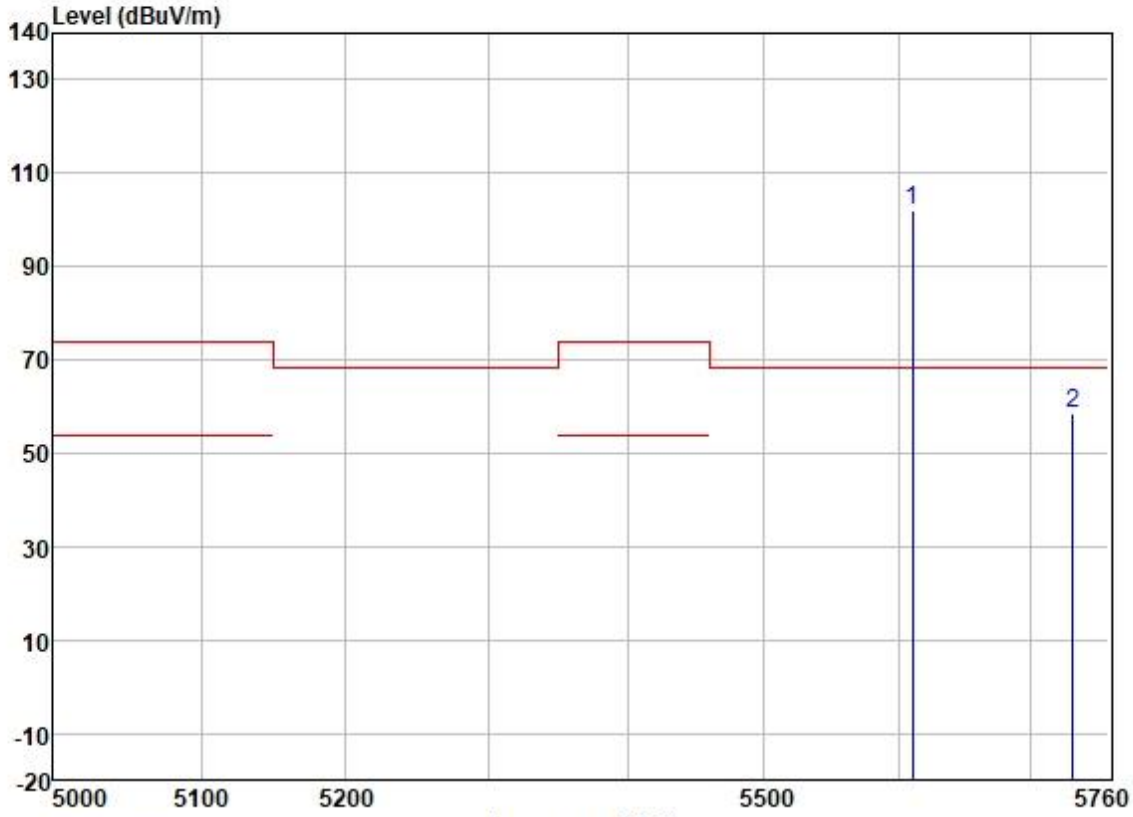
Test Mode: 04; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:80MHz; Channel:High



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	99.33	31.91	6.32	36.89	100.67	68.20	32.47	HORIZONTAL	Peak
2	5748.003	58.73	32.10	6.20	36.89	60.14	68.20	-8.06	HORIZONTAL	Peak

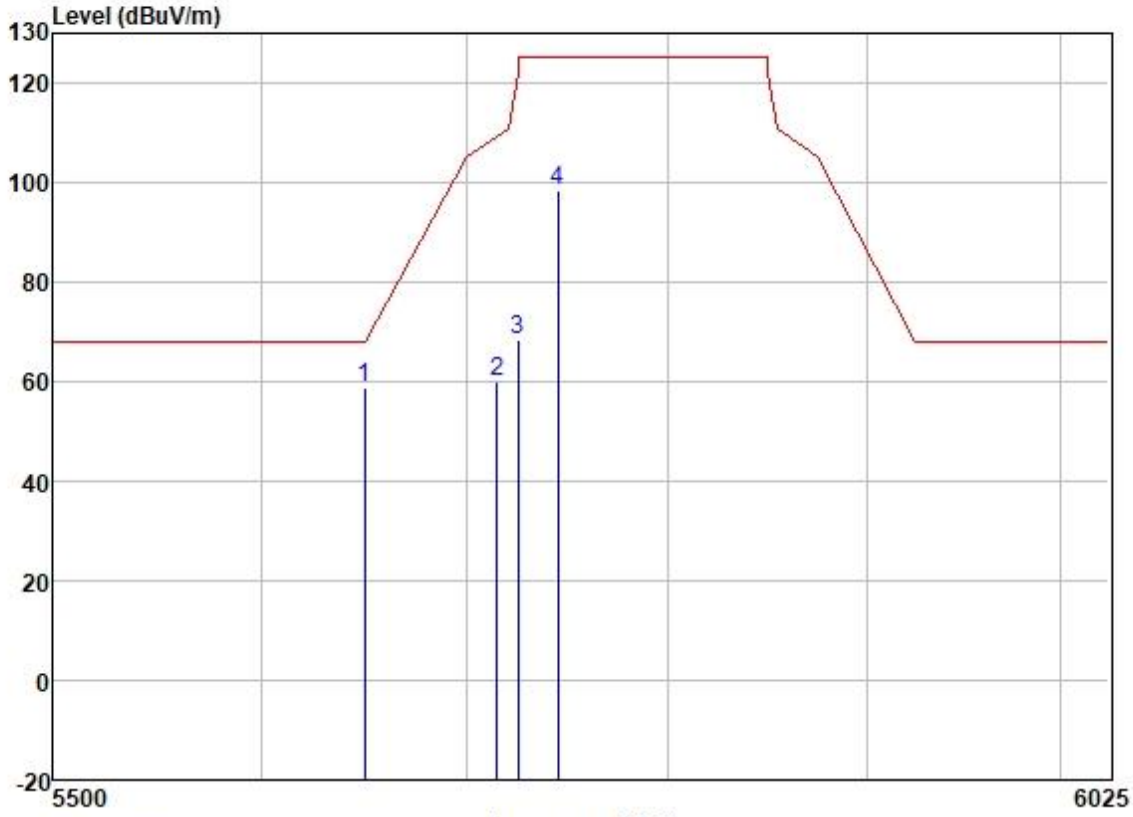
Test Mode: 04; Polarity: Vertical; Modulation:802.11ax; Bandwidth:80MHz; Channel:High



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	100.77	31.91	6.32	36.89	102.11	68.20	33.91	VERTICAL	Peak
2	5731.775	57.12	32.07	6.25	36.89	58.55	68.20	-9.65	VERTICAL	Peak

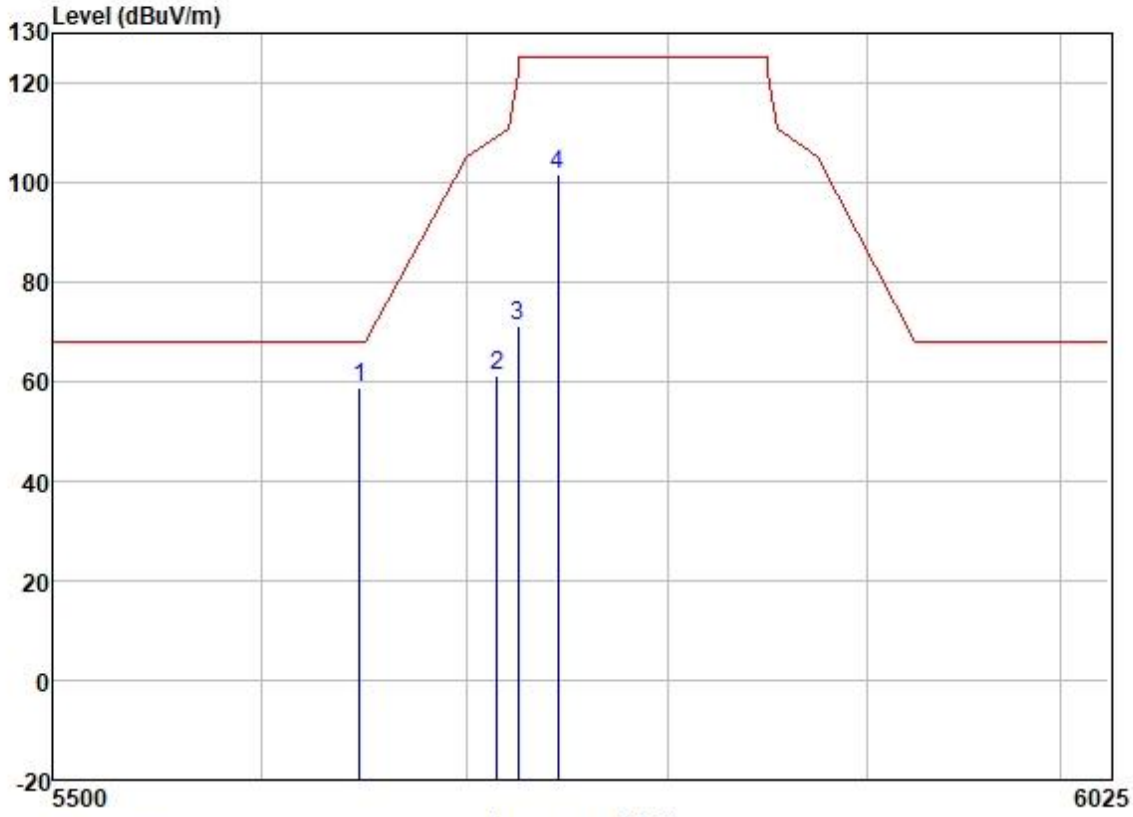
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	5649.827	57.30	31.95	6.35	36.89	58.71	68.20	-9.49	HORIZONTAL	Peak
2	5715.000	58.38	32.04	6.33	36.89	59.86	109.40	-49.54	HORIZONTAL	Peak
3	5725.000	67.06	32.07	6.25	36.89	68.49	122.20	-53.71	HORIZONTAL	Peak
4	5745.000	96.82	32.10	6.20	36.89	98.23	125.20	-26.97	HORIZONTAL	Peak

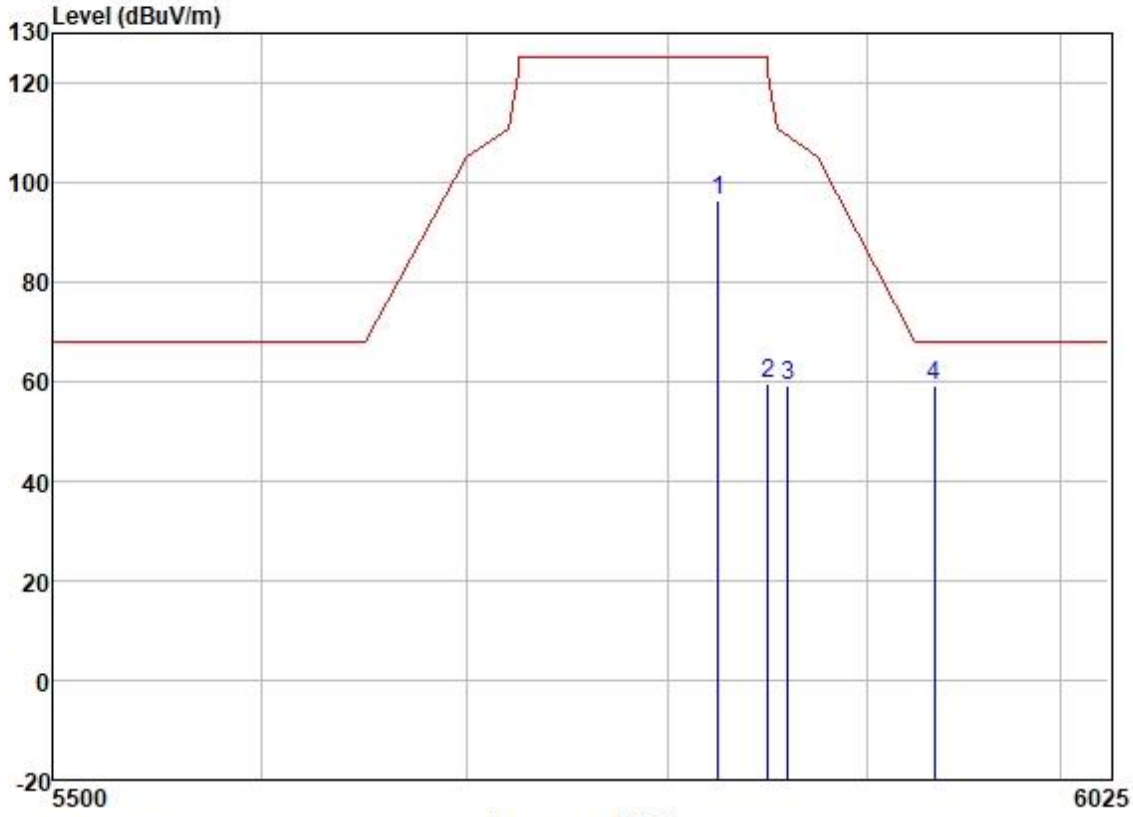
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	5647.473	57.58	31.95	6.35	36.89	58.99	68.20	-9.21	VERTICAL	Peak
2	5715.000	59.68	32.04	6.33	36.89	61.16	109.40	-48.24	VERTICAL	Peak
3	5725.000	69.58	32.07	6.25	36.89	71.01	122.20	-51.19	VERTICAL	Peak
4	5745.000	100.14	32.10	6.20	36.89	101.55	125.20	-23.65	VERTICAL	Peak

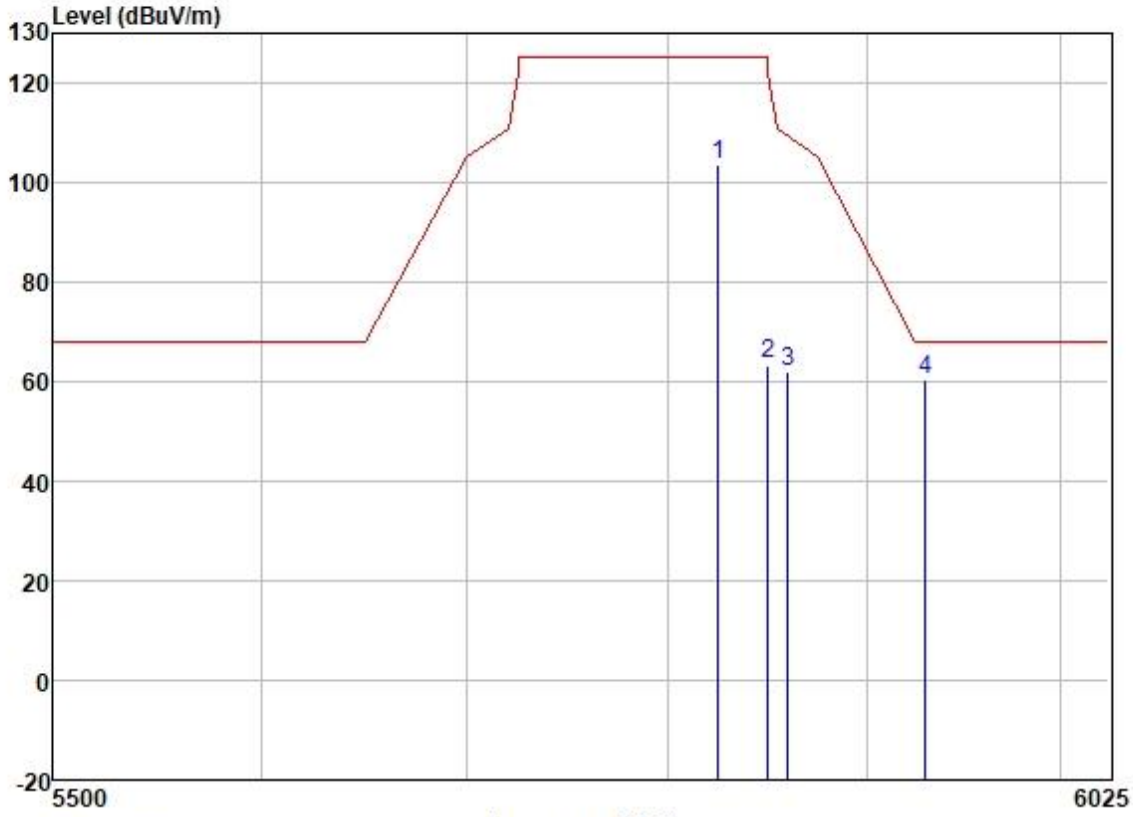
Test Mode: 05; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	95.02	32.23	6.04	36.90	96.39	125.20	-28.81	HORIZONTAL	Peak
2	5850.000	58.39	32.25	6.00	36.90	59.74	122.20	-62.46	HORIZONTAL	Peak
3	5860.000	57.71	32.27	5.96	36.90	59.04	109.40	-50.36	HORIZONTAL	Peak
4	5934.957	57.89	32.34	6.00	36.90	59.33	68.20	-8.87	HORIZONTAL	Peak

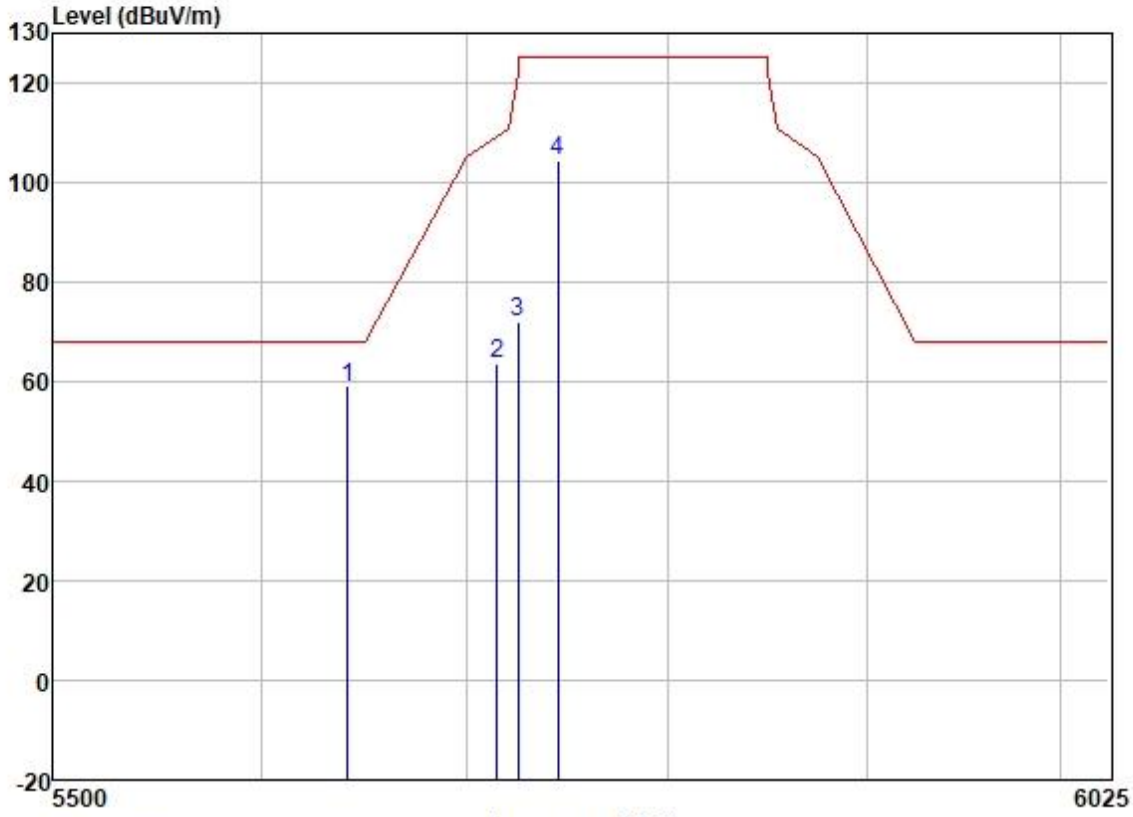
Test Mode: 05; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	102.27	32.23	6.04	36.90	103.64	125.20	-21.56	VERTICAL	Peak
2	5850.000	62.05	32.25	6.00	36.90	63.40	122.20	-58.80	VERTICAL	Peak
3	5860.000	60.74	32.27	5.96	36.90	62.07	109.40	-47.33	VERTICAL	Peak
4	5930.098	58.94	32.34	6.00	36.90	60.38	68.20	-7.82	VERTICAL	Peak

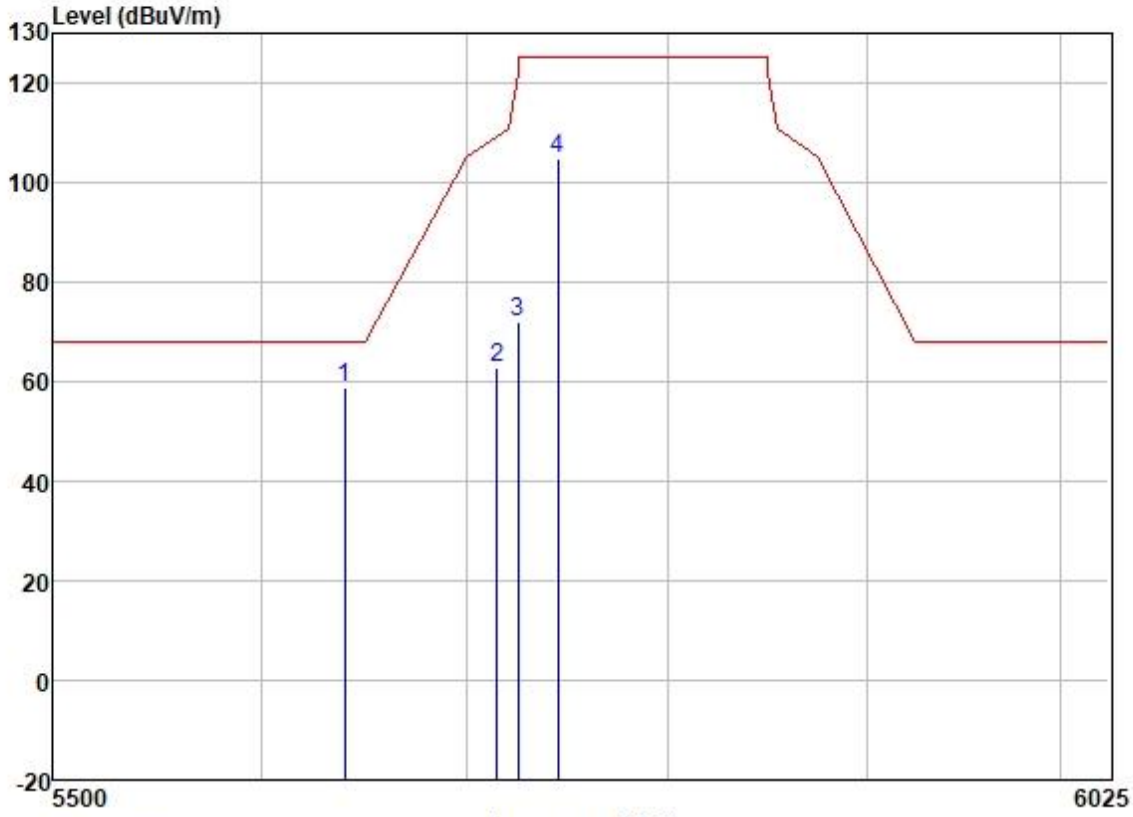
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	5641.521	57.59	31.95	6.35	36.89	59.00	68.20	-9.20	HORIZONTAL	Peak
2	5715.000	62.02	32.04	6.33	36.89	63.50	109.40	-45.90	HORIZONTAL	Peak
3	5725.000	70.51	32.07	6.25	36.89	71.94	122.20	-50.26	HORIZONTAL	Peak
4	5745.000	102.91	32.10	6.20	36.89	104.32	125.20	-20.88	HORIZONTAL	Peak

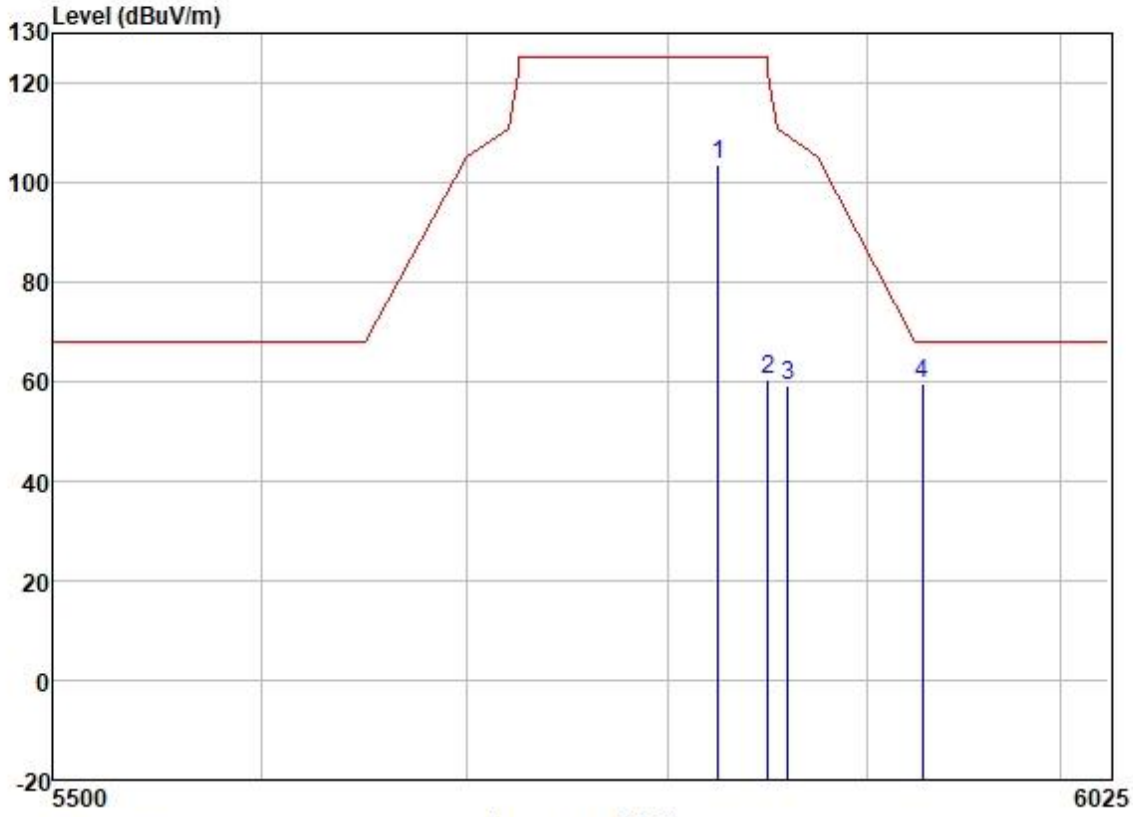
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:Low



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	5640.276	57.49	31.95	6.35	36.89	58.90	68.20	-9.30	VERTICAL	Peak
2	5715.000	61.32	32.04	6.33	36.89	62.80	109.40	-46.60	VERTICAL	Peak
3	5725.000	70.71	32.07	6.25	36.89	72.14	122.20	-50.06	VERTICAL	Peak
4	5745.000	103.34	32.10	6.20	36.89	104.75	125.20	-20.45	VERTICAL	Peak

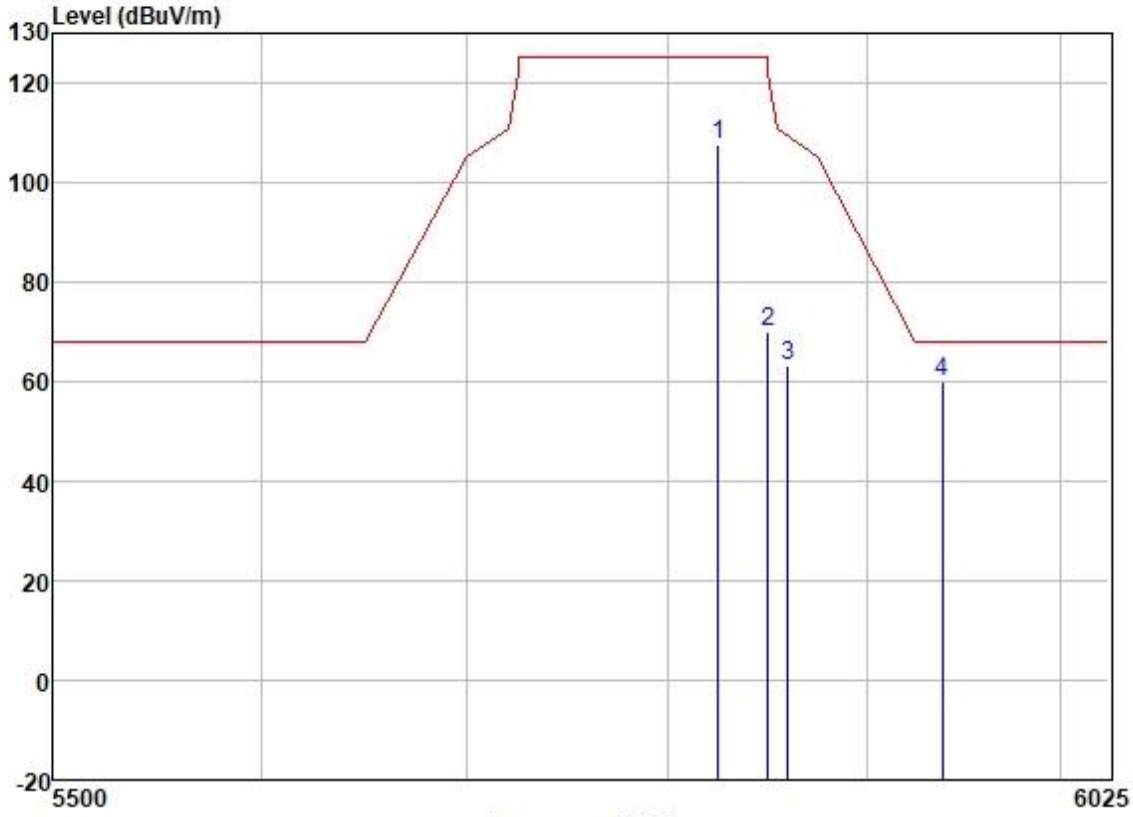
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	5825.000	102.09	32.23	6.04	36.90	103.46	125.20	-21.74	HORIZONTAL	Peak
2	5850.000	58.90	32.25	6.00	36.90	60.25	122.20	-61.95	HORIZONTAL	Peak
3	5860.000	58.06	32.27	5.96	36.90	59.39	109.40	-50.01	HORIZONTAL	Peak
4	5928.532	58.18	32.34	6.00	36.90	59.62	68.20	-8.58	HORIZONTAL	Peak

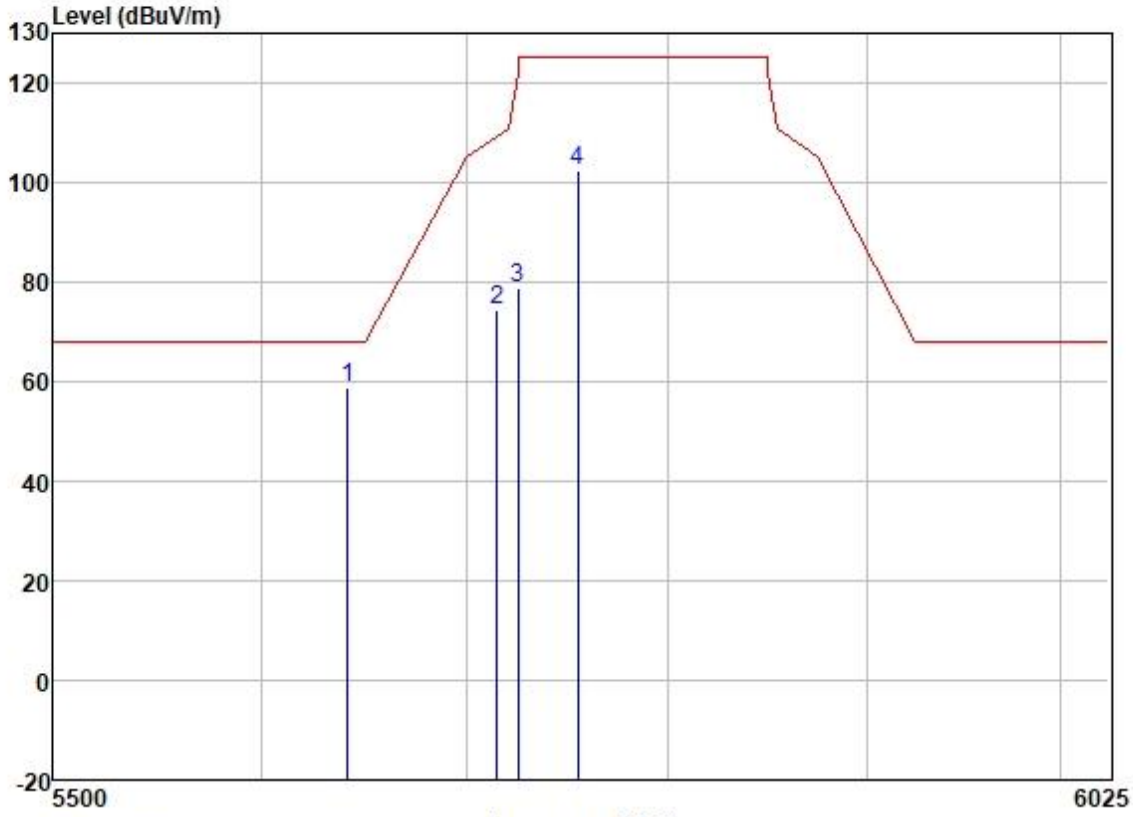
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:20MHz; Channel:High



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	106.23	32.23	6.04	36.90	107.60	125.20	-17.60	VERTICAL	Peak
2	5850.000	68.79	32.25	6.00	36.90	70.14	122.20	-52.06	VERTICAL	Peak
3	5860.000	61.96	32.27	5.96	36.90	63.29	109.40	-46.11	VERTICAL	Peak
4	5939.035	58.60	32.34	6.00	36.90	60.04	68.20	-8.16	VERTICAL	Peak

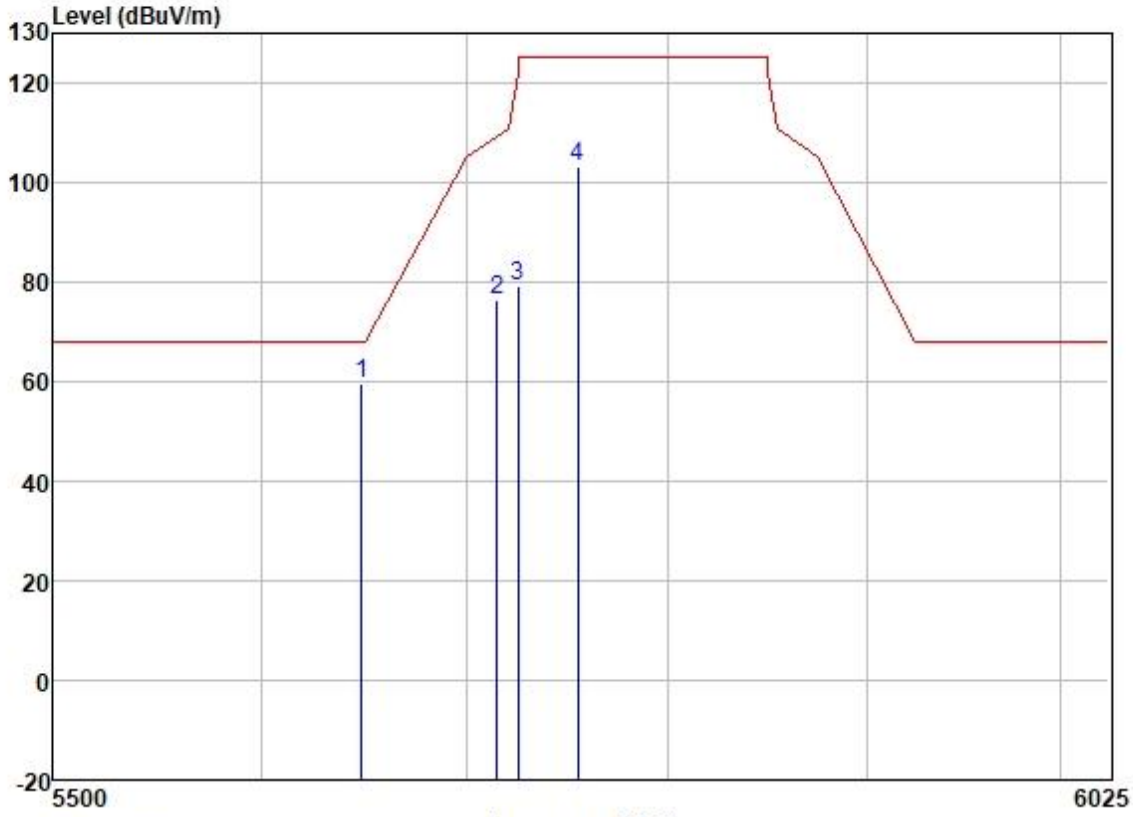
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	5641.601	57.55	31.95	6.35	36.89	58.96	68.20	-9.24	HORIZONTAL	Peak
2	5715.000	72.80	32.04	6.33	36.89	74.28	109.40	-35.12	HORIZONTAL	Peak
3	5725.000	77.30	32.07	6.25	36.89	78.73	122.20	-43.47	HORIZONTAL	Peak
4	5755.000	100.94	32.10	6.20	36.89	102.35	125.20	-22.85	HORIZONTAL	Peak

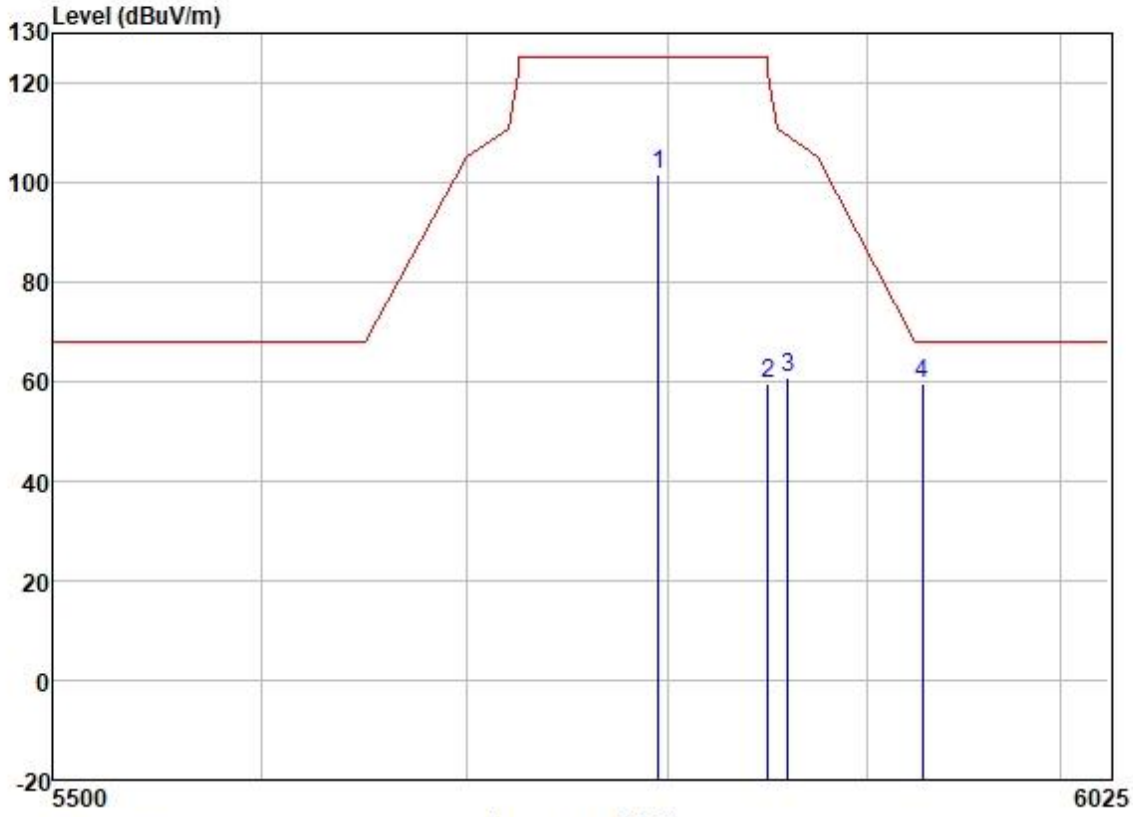
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:Low



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	5648.545	58.08	31.95	6.35	36.89	59.49	68.20	-8.71	VERTICAL	Peak
2	5715.000	74.93	32.04	6.33	36.89	76.41	109.40	-32.99	VERTICAL	Peak
3	5725.000	77.79	32.07	6.25	36.89	79.22	122.20	-42.98	VERTICAL	Peak
4	5755.000	101.82	32.10	6.20	36.89	103.23	125.20	-21.97	VERTICAL	Peak

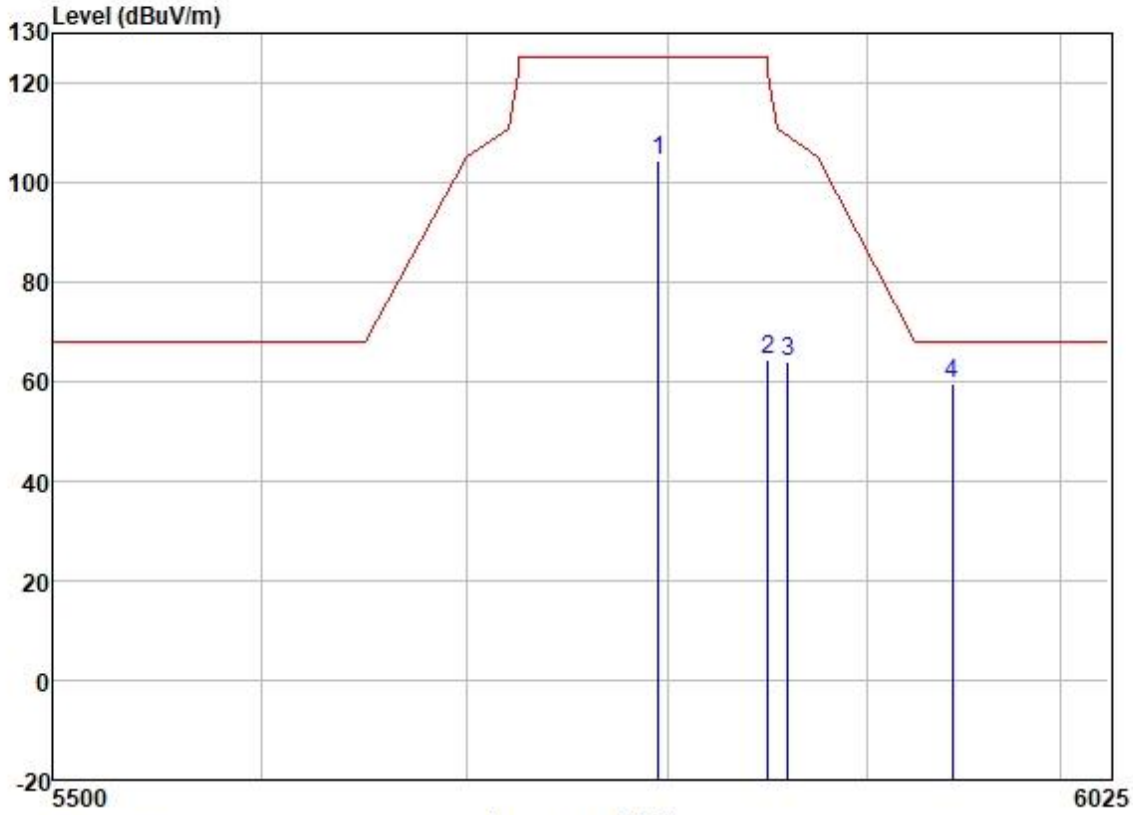
Test Mode: 05; Polarity: Horizontal; Modulation:802.11n; Bandwidth:40MHz; Channel:High



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	100.20	32.19	6.10	36.89	101.60	125.20	-23.60	HORIZONTAL	Peak
2	5850.000	58.25	32.25	6.00	36.90	59.60	122.20	-62.60	HORIZONTAL	Peak
3	5860.000	59.28	32.27	5.96	36.90	60.61	109.40	-48.79	HORIZONTAL	Peak
4	5928.755	58.09	32.34	6.00	36.90	59.53	68.20	-8.67	HORIZONTAL	Peak

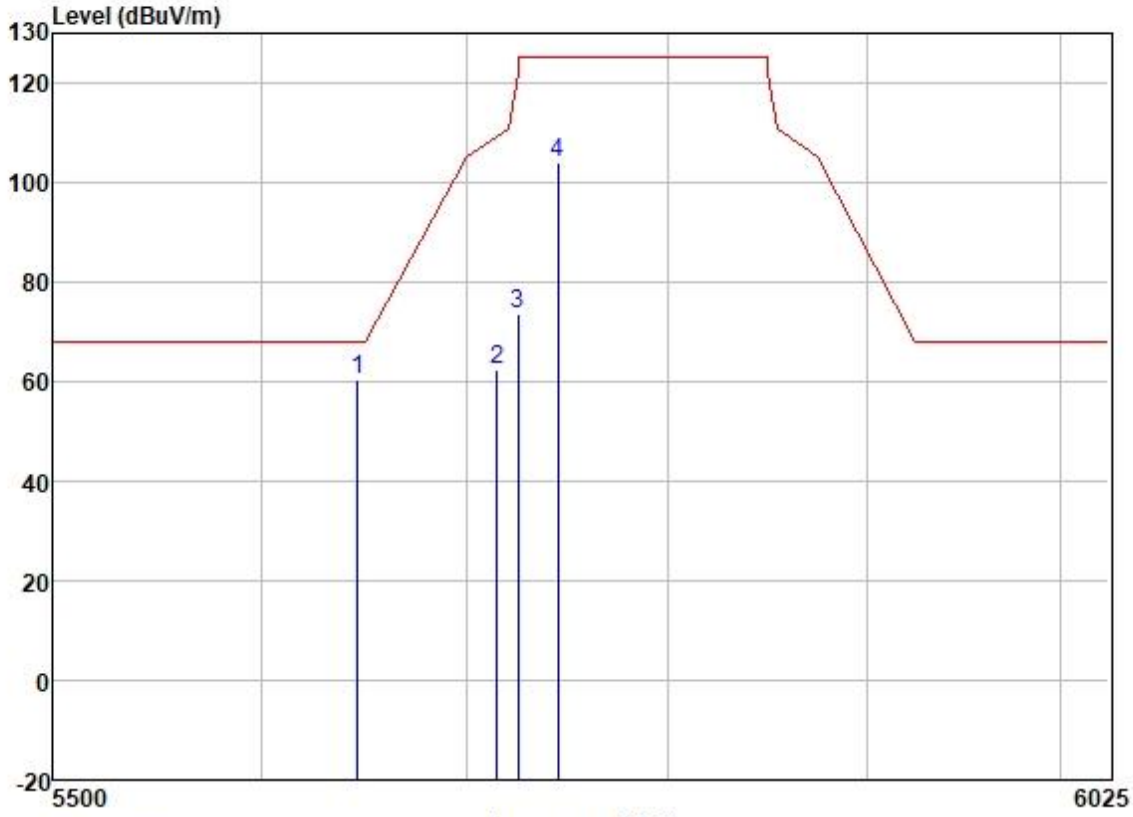
Test Mode: 05; Polarity: Vertical; Modulation:802.11n; Bandwidth:40MHz; Channel:High



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	102.94	32.19	6.10	36.89	104.34	125.20	-20.86	VERTICAL	Peak
2	5850.000	63.12	32.25	6.00	36.90	64.47	122.20	-57.73	VERTICAL	Peak
3	5860.000	62.63	32.27	5.96	36.90	63.96	109.40	-45.44	VERTICAL	Peak
4	5943.721	57.97	32.36	6.05	36.90	59.48	68.20	-8.72	VERTICAL	Peak

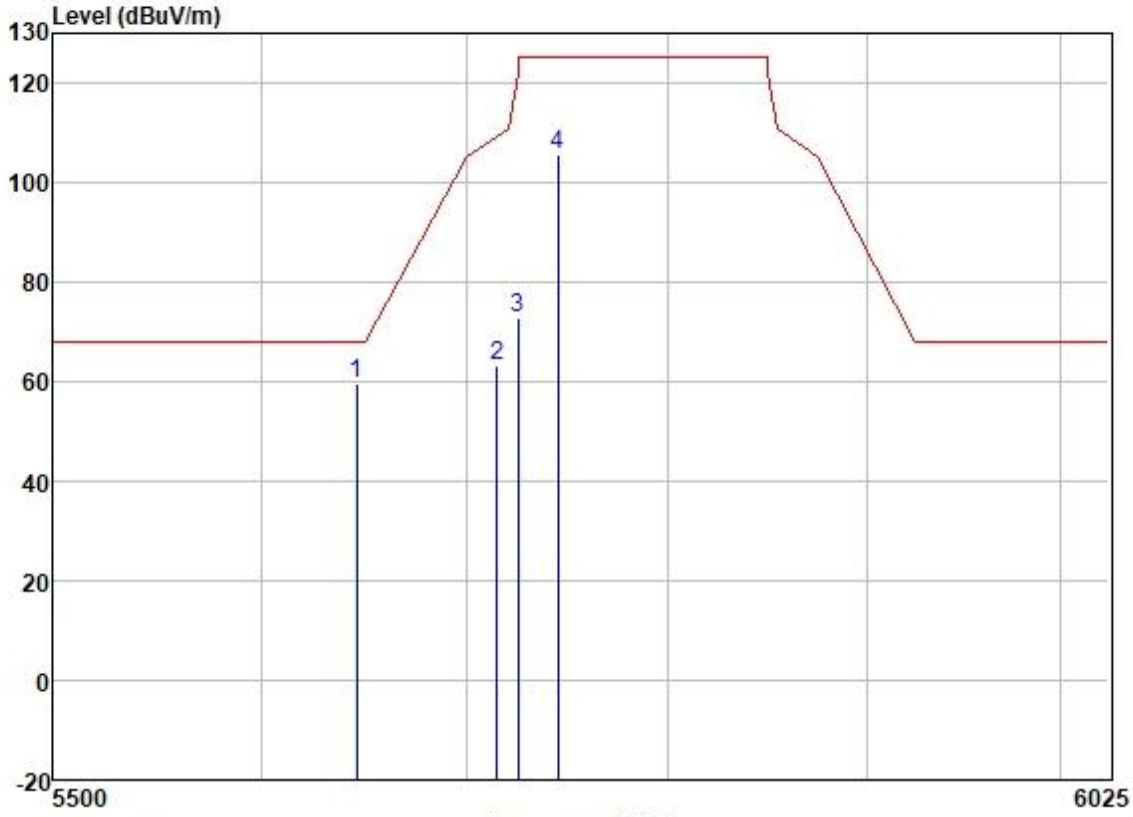
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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	5646.227	58.82	31.95	6.35	36.89	60.23	68.20	-7.97	HORIZONTAL	Peak
2	5715.000	60.83	32.04	6.33	36.89	62.31	109.40	-47.09	HORIZONTAL	Peak
3	5725.000	72.05	32.07	6.25	36.89	73.48	122.20	-48.72	HORIZONTAL	Peak
4	5745.000	102.77	32.10	6.20	36.89	104.18	125.20	-21.02	HORIZONTAL	Peak

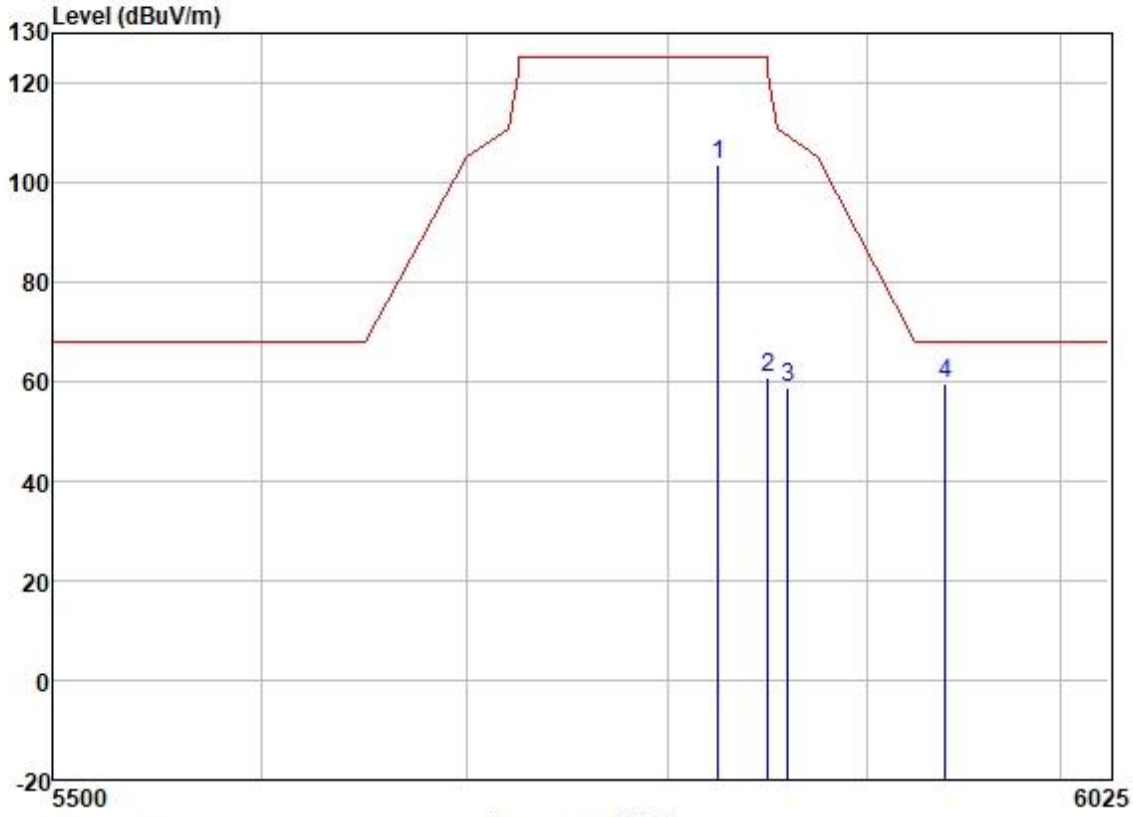
Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:Low



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	5646.088	58.13	31.95	6.35	36.89	59.54	68.20	-8.66	VERTICAL	Peak
2	5715.000	61.78	32.04	6.33	36.89	63.26	109.40	-46.14	VERTICAL	Peak
3	5725.000	71.38	32.07	6.25	36.89	72.81	122.20	-49.39	VERTICAL	Peak
4	5745.000	104.21	32.10	6.20	36.89	105.62	125.20	-19.58	VERTICAL	Peak

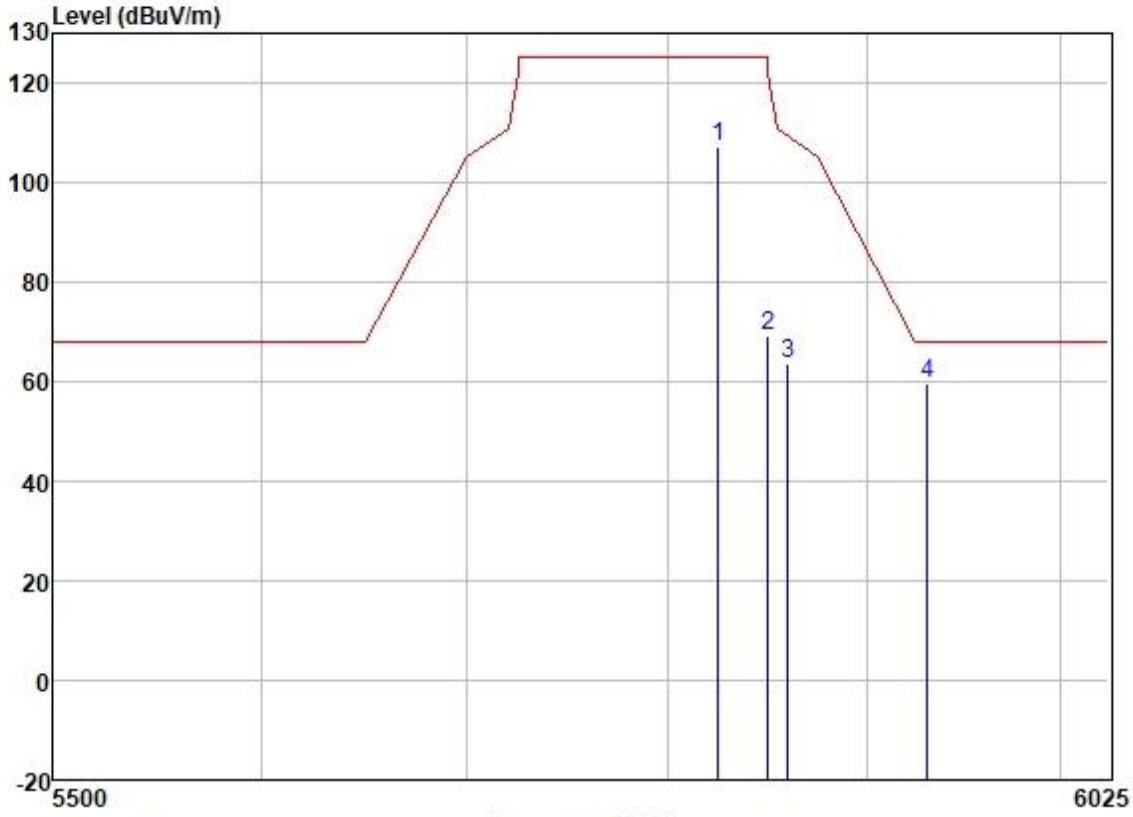
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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	5825.000	102.26	32.23	6.04	36.90	103.63	125.20	-21.57	HORIZONTAL	Peak
2	5850.000	59.59	32.25	6.00	36.90	60.94	122.20	-61.26	HORIZONTAL	Peak
3	5860.000	57.53	32.27	5.96	36.90	58.86	109.40	-50.54	HORIZONTAL	Peak
4	5940.133	58.12	32.34	6.00	36.90	59.56	68.20	-8.64	HORIZONTAL	Peak

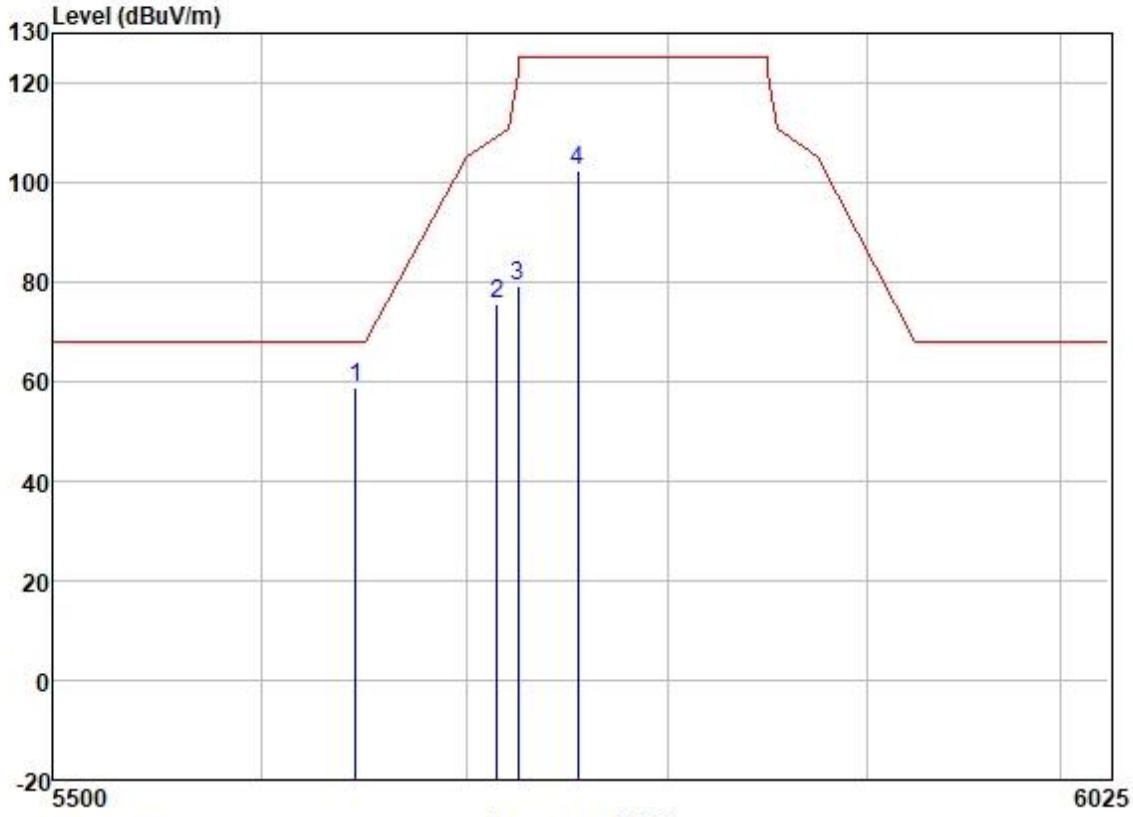
Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:20MHz; Channel:High



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	105.87	32.23	6.04	36.90	107.24	125.20	-17.96	VERTICAL	Peak
2	5850.000	67.95	32.25	6.00	36.90	69.30	122.20	-52.90	VERTICAL	Peak
3	5860.000	62.28	32.27	5.96	36.90	63.61	109.40	-45.79	VERTICAL	Peak
4	5931.352	58.03	32.34	6.00	36.90	59.47	68.20	-8.73	VERTICAL	Peak

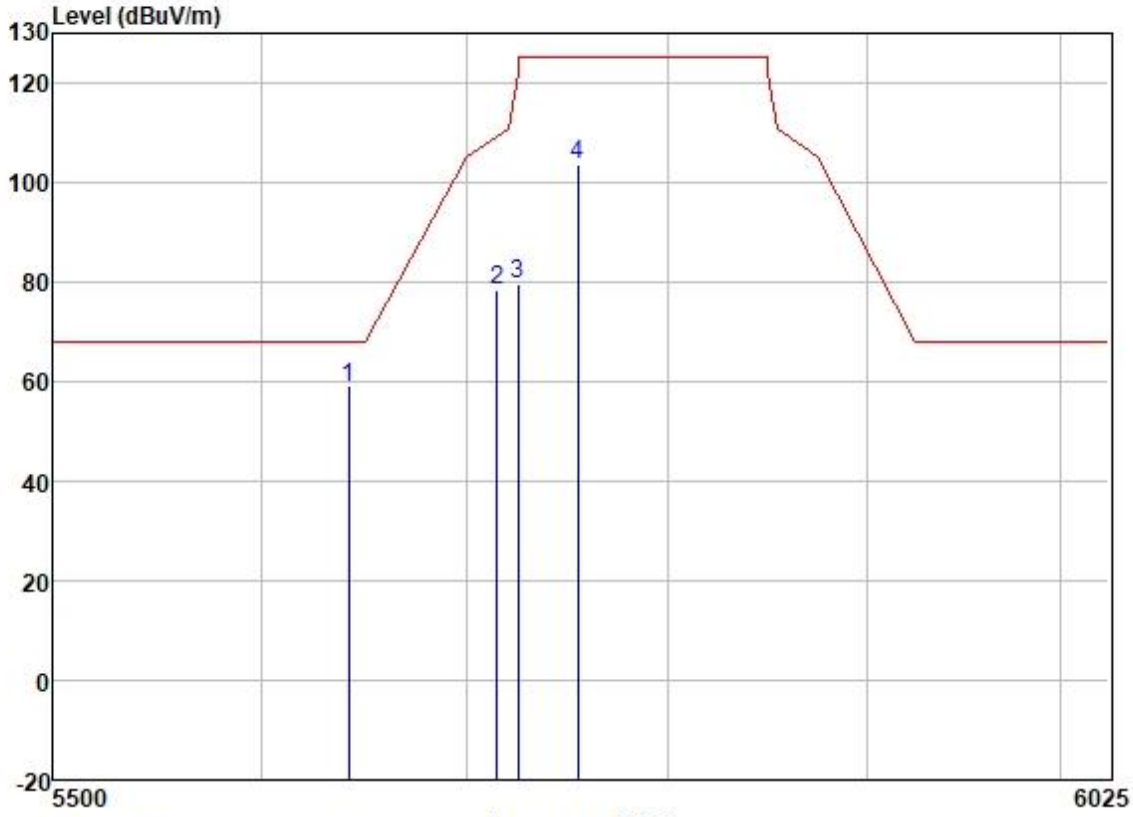
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



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	5645.206	57.36	31.95	6.35	36.89	58.77	68.20	-9.43	HORIZONTAL	Peak
2	5715.000	74.08	32.04	6.33	36.89	75.56	109.40	-33.84	HORIZONTAL	Peak
3	5725.000	77.60	32.07	6.25	36.89	79.03	122.20	-43.17	HORIZONTAL	Peak
4	5755.000	100.90	32.10	6.20	36.89	102.31	125.20	-22.89	HORIZONTAL	Peak

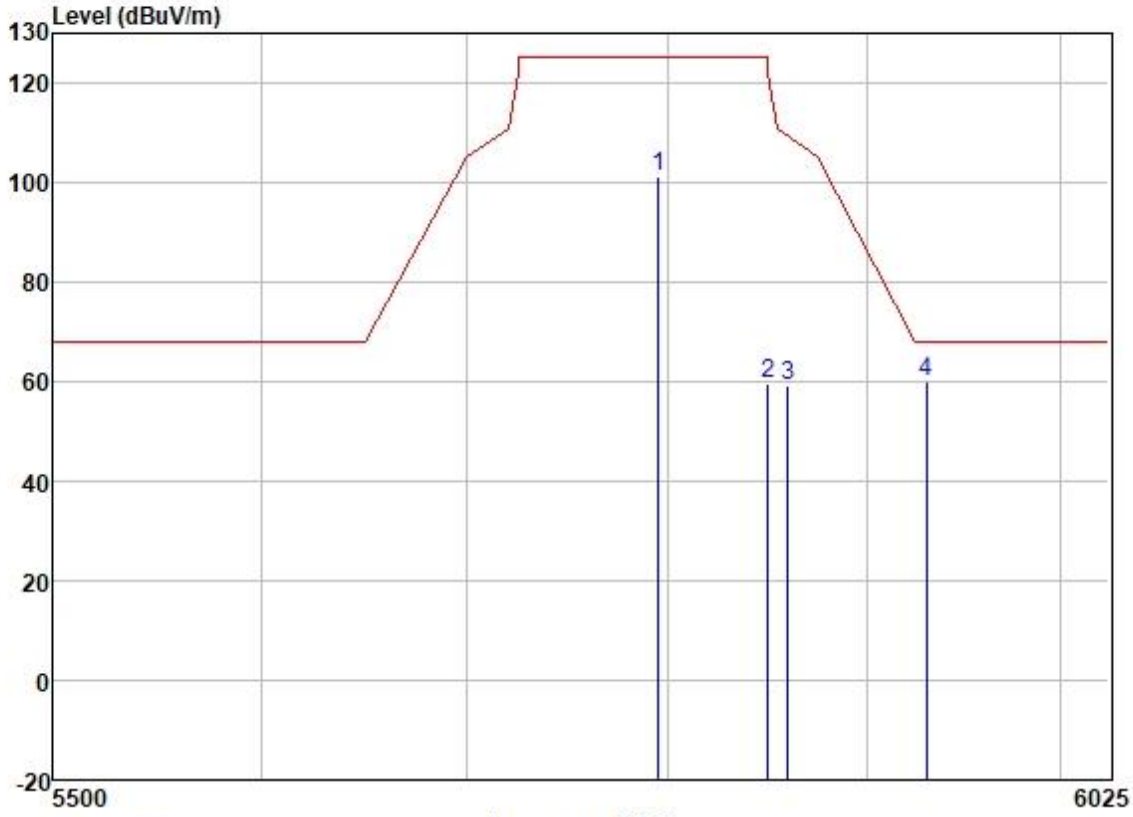
Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:Low



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	5642.269	57.59	31.95	6.35	36.89	59.00	68.20	-9.20	VERTICAL	Peak
2	5715.000	76.87	32.04	6.33	36.89	78.35	109.40	-31.05	VERTICAL	Peak
3	5725.000	78.23	32.07	6.25	36.89	79.66	122.20	-42.54	VERTICAL	Peak
4	5755.000	102.18	32.10	6.20	36.89	103.59	125.20	-21.61	VERTICAL	Peak

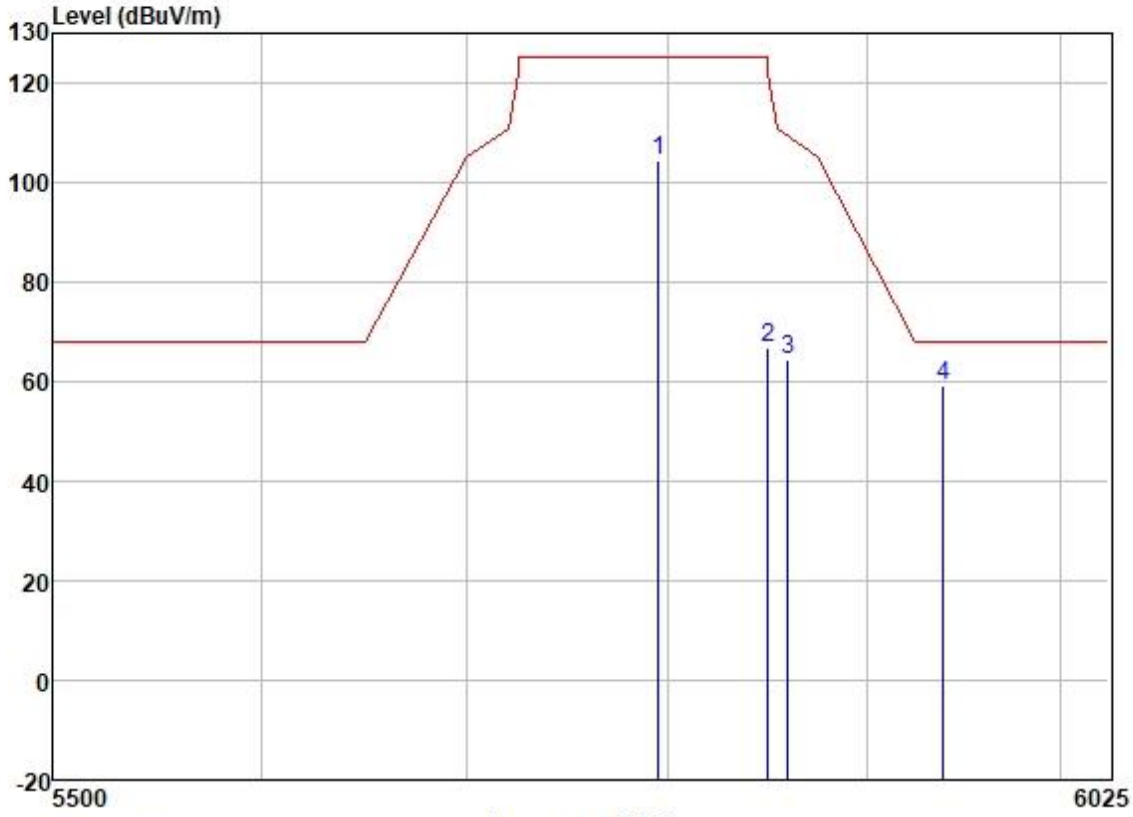
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	5795.000	99.96	32.19	6.10	36.89	101.36	125.20	-23.84	HORIZONTAL	Peak
2	5850.000	58.28	32.25	6.00	36.90	59.63	122.20	-62.57	HORIZONTAL	Peak
3	5860.000	57.89	32.27	5.96	36.90	59.22	109.40	-50.18	HORIZONTAL	Peak
4	5930.578	58.67	32.34	6.00	36.90	60.11	68.20	-8.09	HORIZONTAL	Peak

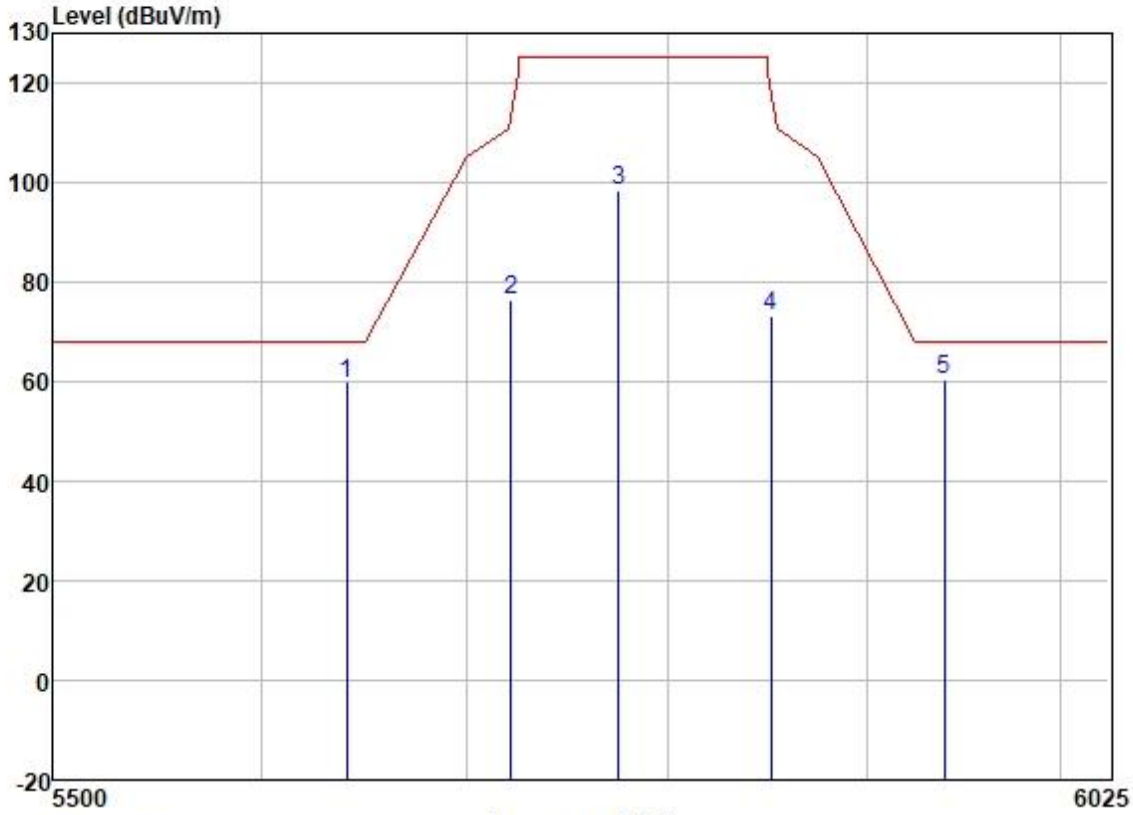
Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:40MHz; Channel:High



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	102.84	32.19	6.10	36.89	104.24	125.20	-20.96	VERTICAL	Peak
2	5850.000	65.40	32.25	6.00	36.90	66.75	122.20	-55.45	VERTICAL	Peak
3	5860.000	62.90	32.27	5.96	36.90	64.23	109.40	-45.17	VERTICAL	Peak
4	5939.336	57.90	32.34	6.00	36.90	59.34	68.20	-8.86	VERTICAL	Peak

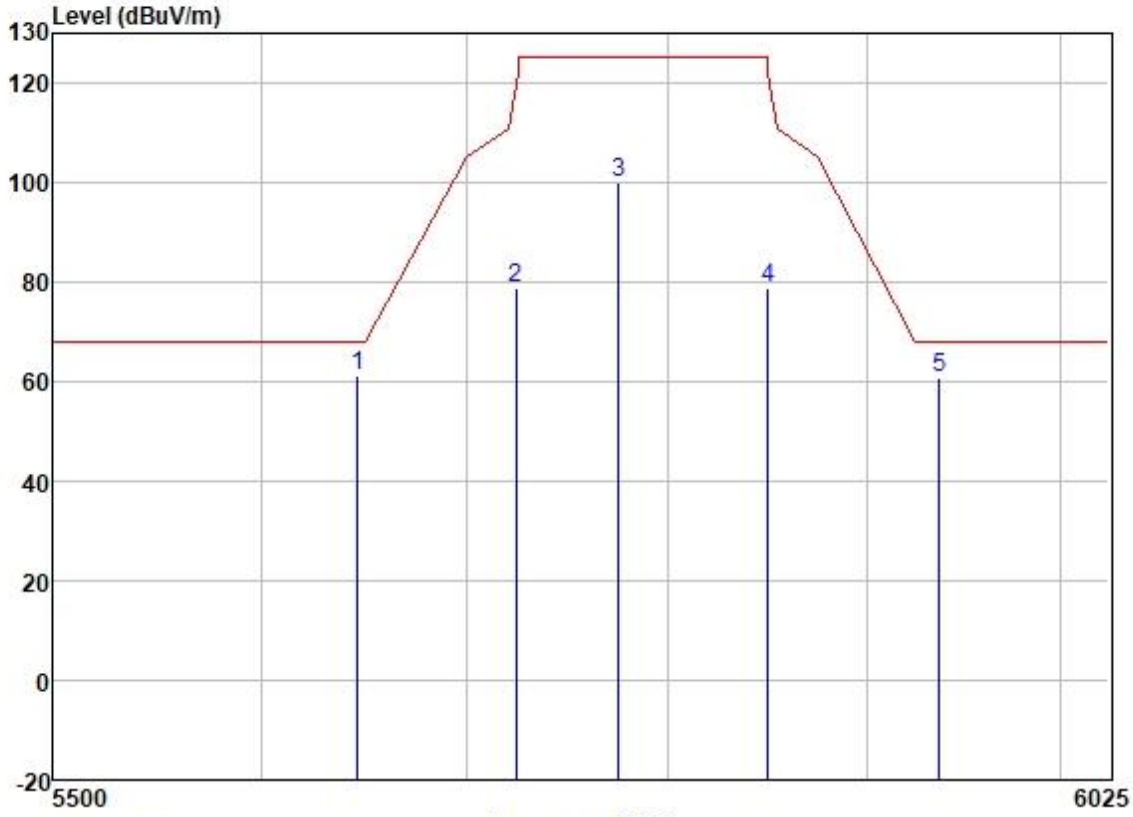
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



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	5641.188	58.39	31.95	6.35	36.89	59.80	68.20	-8.40	HORIZONTAL	Peak
2	5721.677	75.01	32.04	6.33	36.89	76.49	114.62	-38.13	HORIZONTAL	Peak
3	5775.000	97.13	32.16	6.10	36.89	98.50	125.20	-26.70	HORIZONTAL	Peak
4	5851.808	71.81	32.25	6.00	36.90	73.16	118.08	-44.92	HORIZONTAL	Peak
5	5939.993	58.88	32.34	6.00	36.90	60.32	68.20	-7.88	HORIZONTAL	Peak

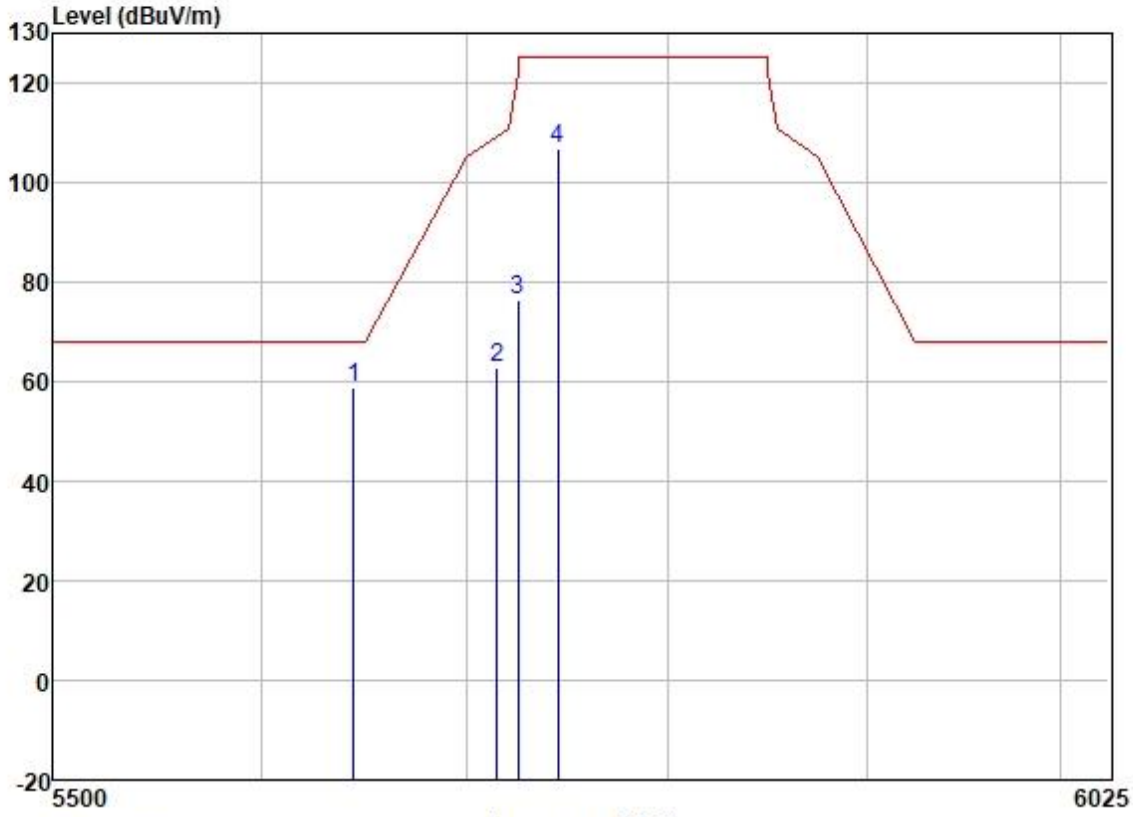
Test Mode: 05; Polarity: Vertical; Modulation:802.11ac; Bandwidth:80MHz; Channel:middle



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	5646.241	59.96	31.95	6.35	36.89	61.37	68.20	-6.83	VERTICAL	Peak
2	5724.390	77.41	32.07	6.25	36.89	78.84	120.81	-41.97	VERTICAL	Peak
3	5775.000	98.82	32.16	6.10	36.89	100.19	125.20	-25.01	VERTICAL	Peak
4	5850.267	77.55	32.25	6.00	36.90	78.90	121.59	-42.69	VERTICAL	Peak
5	5937.178	59.51	32.34	6.00	36.90	60.95	68.20	-7.25	VERTICAL	Peak

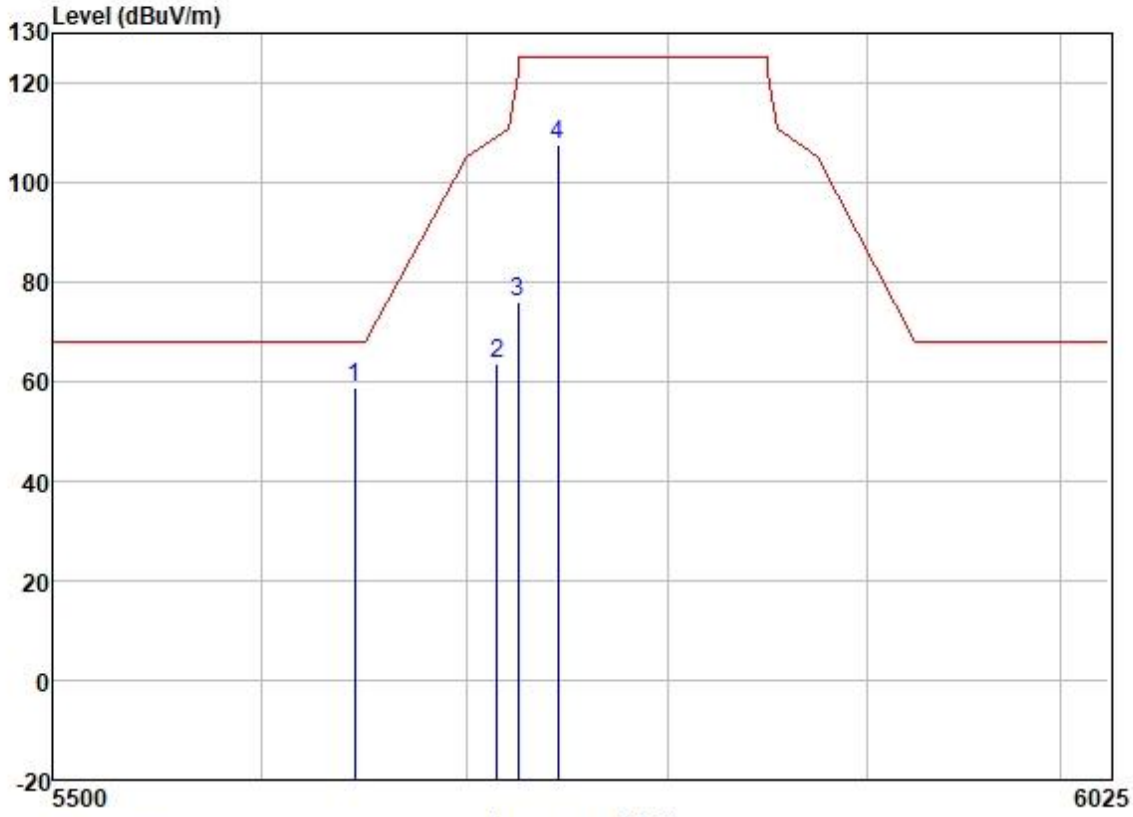
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



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	5644.427	57.27	31.95	6.35	36.89	58.68	68.20	-9.52	HORIZONTAL	Peak
2	5715.000	61.23	32.04	6.33	36.89	62.71	109.40	-46.69	HORIZONTAL	Peak
3	5725.000	75.14	32.07	6.25	36.89	76.57	122.20	-45.63	HORIZONTAL	Peak
4	5745.000	105.36	32.10	6.20	36.89	106.77	125.20	-18.43	HORIZONTAL	Peak

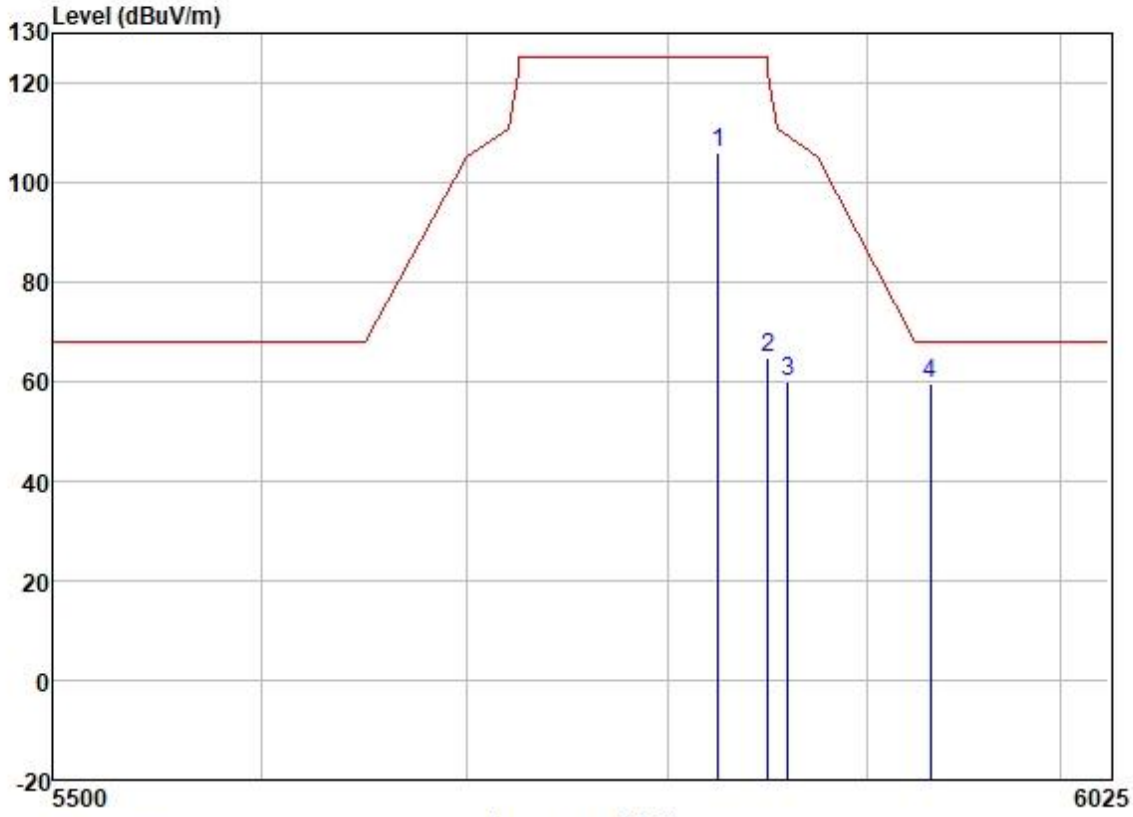
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:Low



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	5644.842	57.36	31.95	6.35	36.89	58.77	68.20	-9.43	VERTICAL	Peak
2	5715.000	61.97	32.04	6.33	36.89	63.45	109.40	-45.95	VERTICAL	Peak
3	5725.000	74.77	32.07	6.25	36.89	76.20	122.20	-46.00	VERTICAL	Peak
4	5745.000	106.14	32.10	6.20	36.89	107.55	125.20	-17.65	VERTICAL	Peak

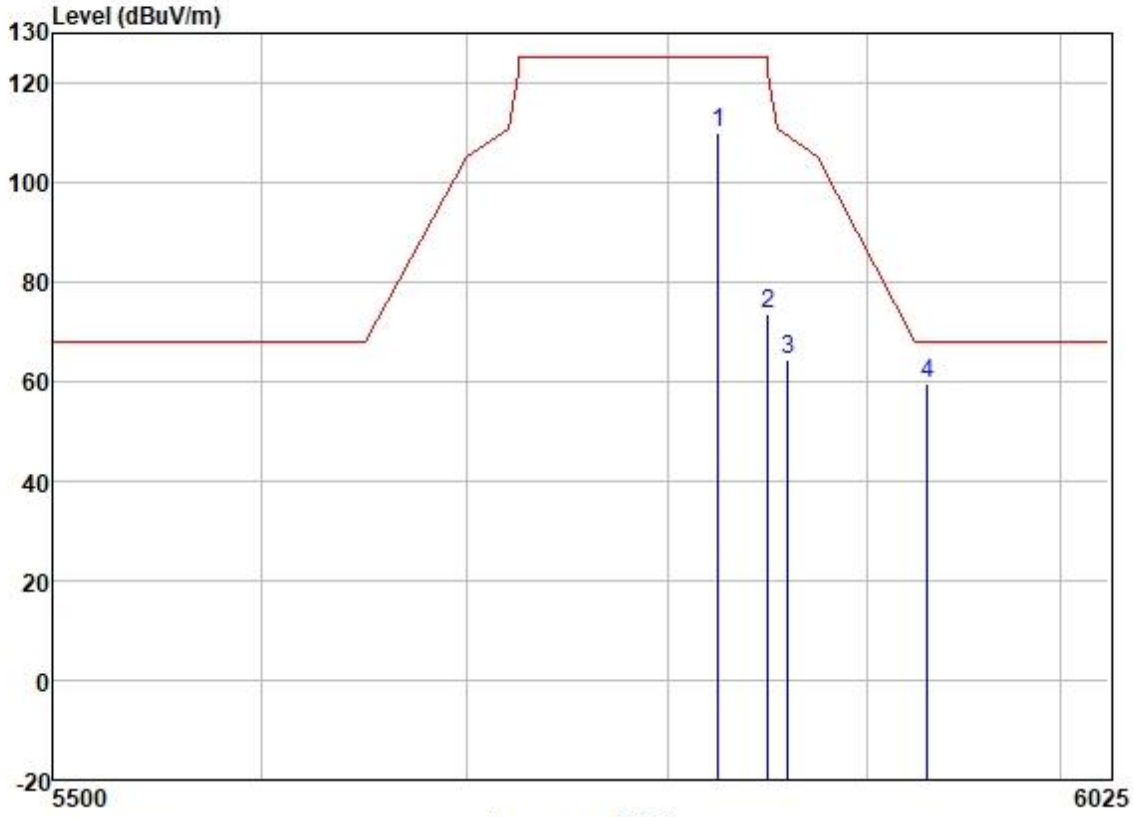
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



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	104.60	32.23	6.04	36.90	105.97	125.20	-19.23	HORIZONTAL	Peak
2	5850.000	63.47	32.25	6.00	36.90	64.82	122.20	-57.38	HORIZONTAL	Peak
3	5860.000	58.54	32.27	5.96	36.90	59.87	109.40	-49.53	HORIZONTAL	Peak
4	5932.919	58.20	32.34	6.00	36.90	59.64	68.20	-8.56	HORIZONTAL	Peak

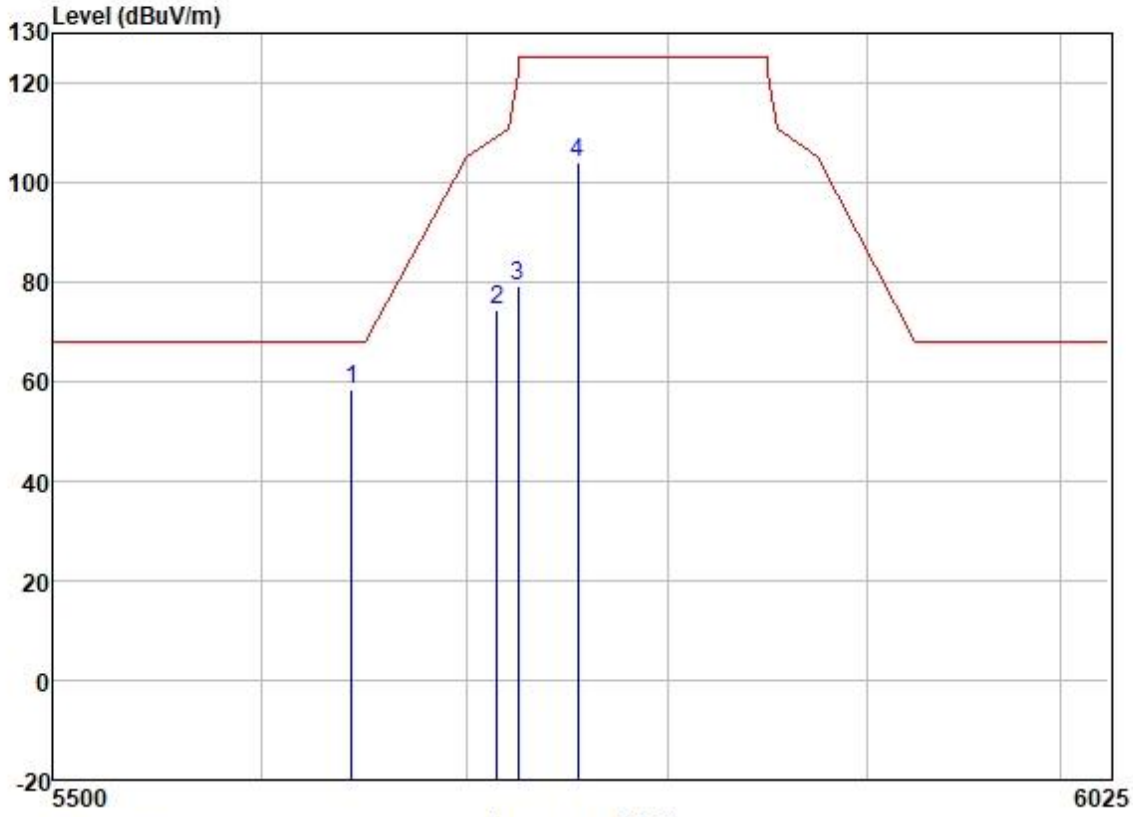
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax; Bandwidth:20MHz; Channel:High



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	5825.000	108.46	32.23	6.04	36.90	109.83	125.20	-15.37	VERTICAL	Peak
2	5850.000	72.27	32.25	6.00	36.90	73.62	122.20	-48.58	VERTICAL	Peak
3	5860.000	63.03	32.27	5.96	36.90	64.36	109.40	-45.04	VERTICAL	Peak
4	5931.195	58.35	32.34	6.00	36.90	59.79	68.20	-8.41	VERTICAL	Peak

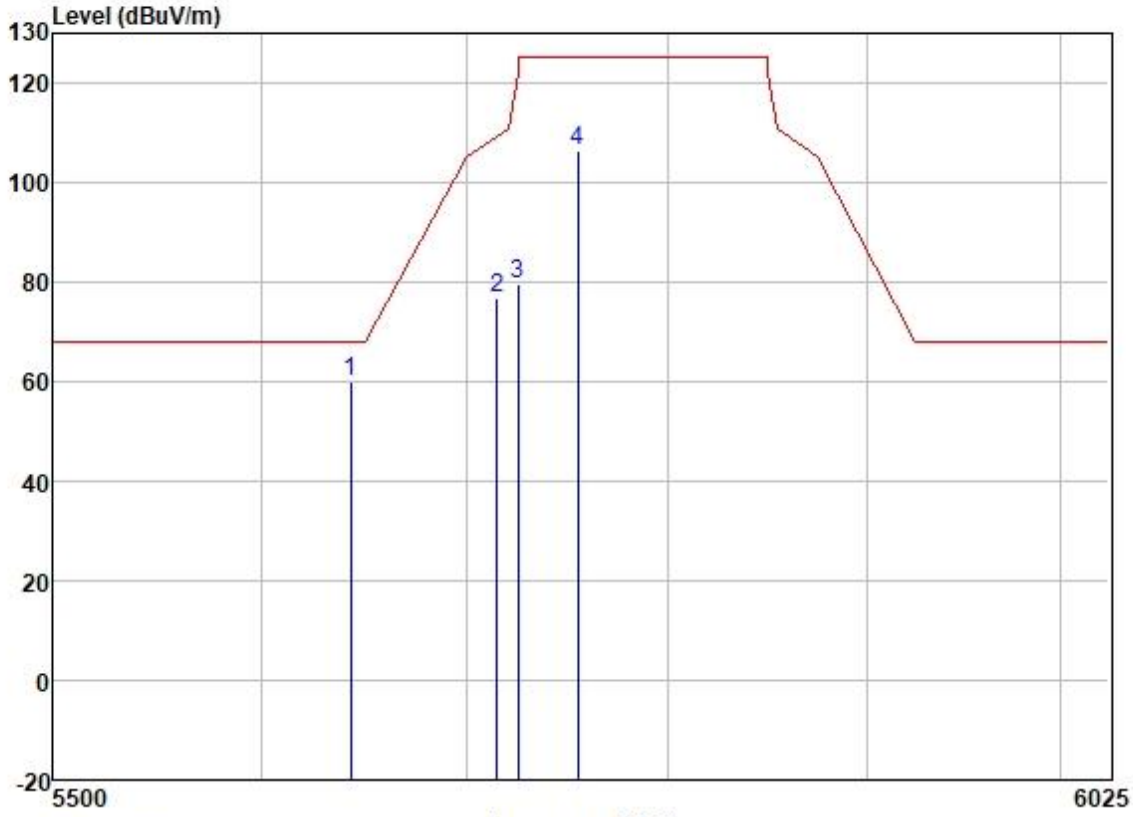
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



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	5643.603	57.14	31.95	6.35	36.89	58.55	68.20	-9.65	HORIZONTAL	Peak
2	5715.000	73.02	32.04	6.33	36.89	74.50	109.40	-34.90	HORIZONTAL	Peak
3	5725.000	77.95	32.07	6.25	36.89	79.38	122.20	-42.82	HORIZONTAL	Peak
4	5755.000	102.62	32.10	6.20	36.89	104.03	125.20	-21.17	HORIZONTAL	Peak

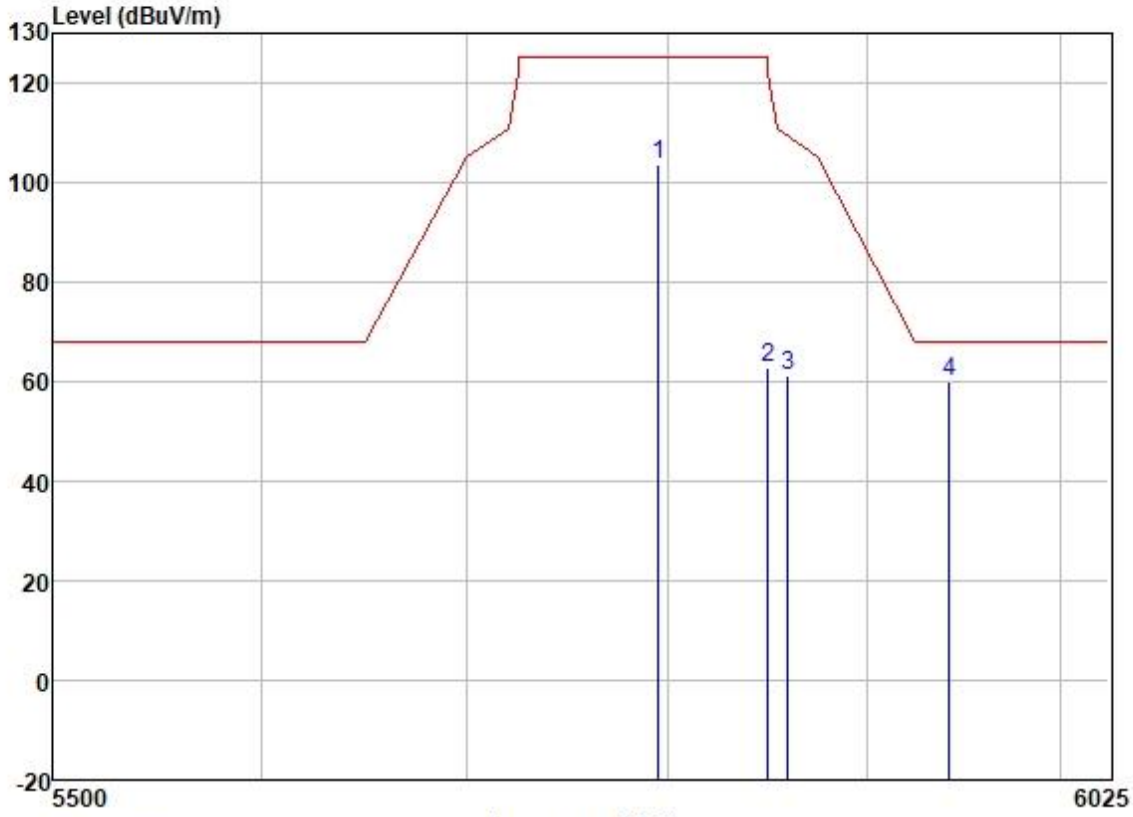
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:Low



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	5642.802	58.41	31.95	6.35	36.89	59.82	68.20	-8.38	VERTICAL	Peak
2	5715.000	75.31	32.04	6.33	36.89	76.79	109.40	-32.61	VERTICAL	Peak
3	5725.000	78.26	32.07	6.25	36.89	79.69	122.20	-42.51	VERTICAL	Peak
4	5755.000	104.89	32.10	6.20	36.89	106.30	125.20	-18.90	VERTICAL	Peak

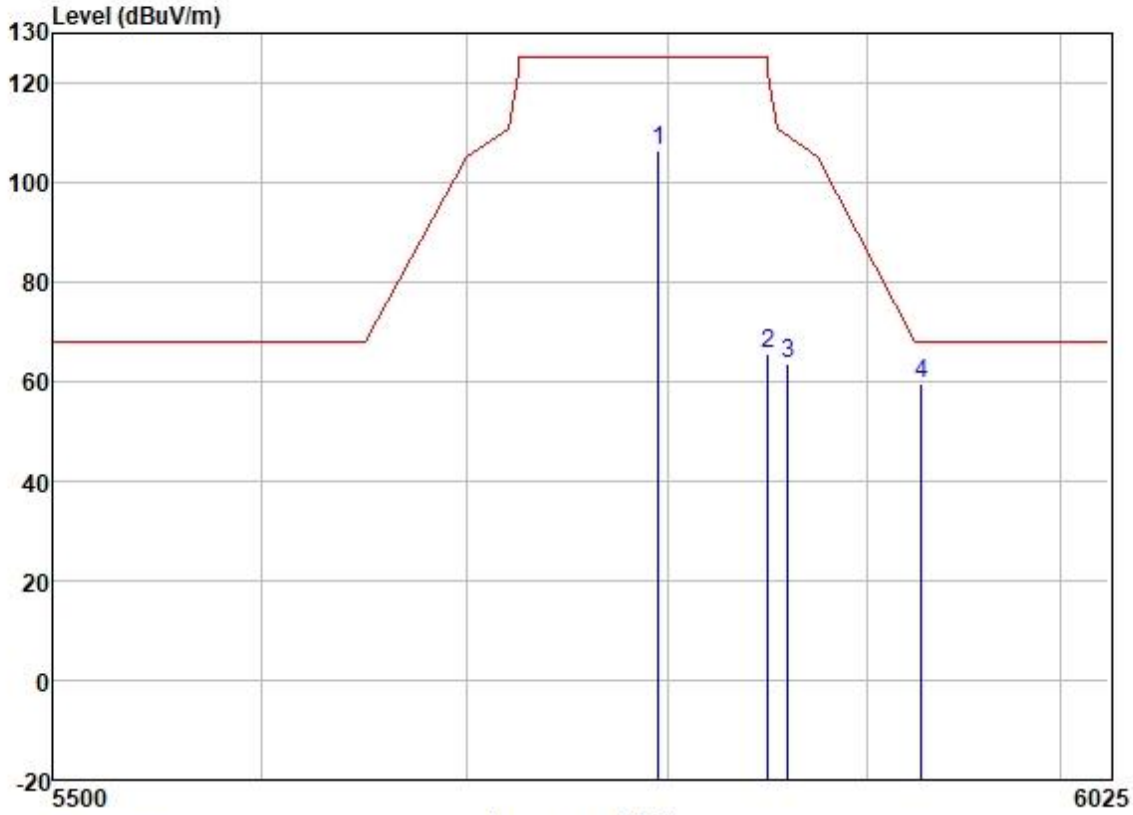
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:40MHz; Channel:High



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	102.12	32.19	6.10	36.89	103.52	125.20	-21.68	HORIZONTAL	Peak
2	5850.000	61.42	32.25	6.00	36.90	62.77	122.20	-59.43	HORIZONTAL	Peak
3	5860.000	59.78	32.27	5.96	36.90	61.11	109.40	-48.29	HORIZONTAL	Peak
4	5942.625	58.41	32.36	6.05	36.90	59.92	68.20	-8.28	HORIZONTAL	Peak

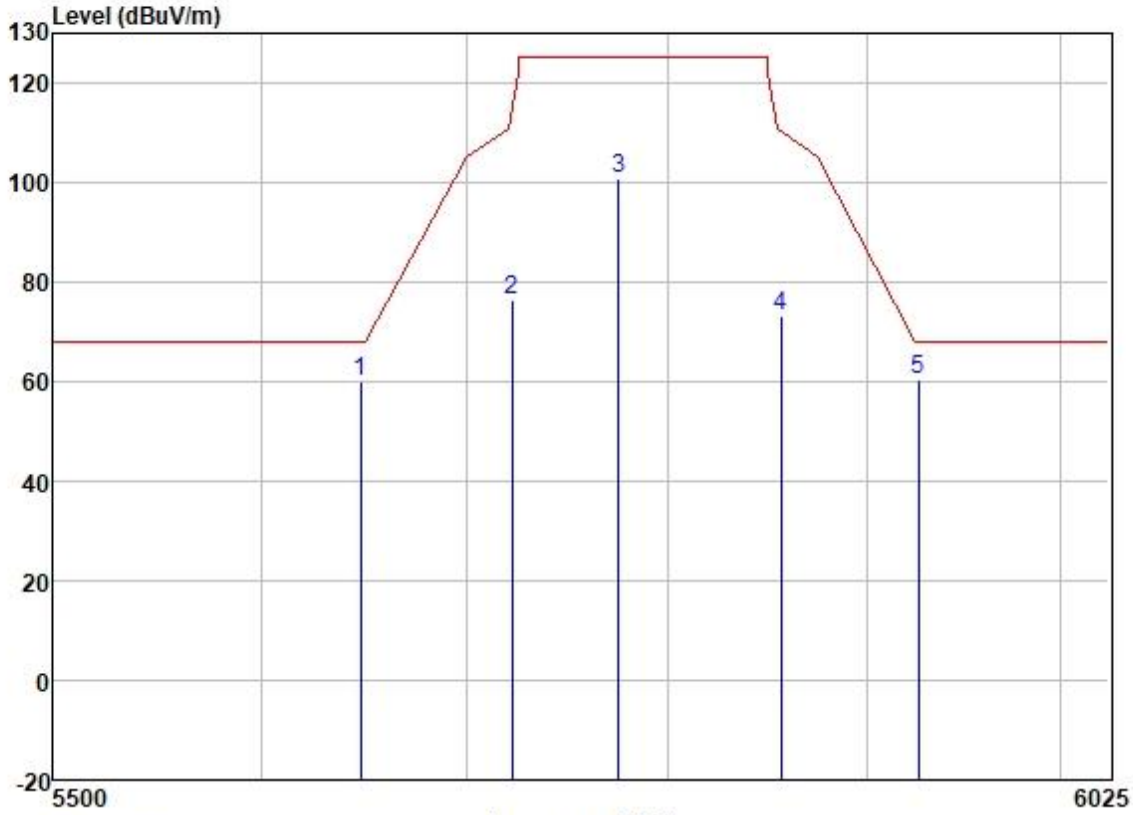
Test Mode: 05; Polarity: Vertical; Modulation:802.11ax; Bandwidth:40MHz; Channel:High



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	105.00	32.19	6.10	36.89	106.40	125.20	-18.80	VERTICAL	Peak
2	5850.000	64.41	32.25	6.00	36.90	65.76	122.20	-56.44	VERTICAL	Peak
3	5860.000	62.29	32.27	5.96	36.90	63.62	109.40	-45.78	VERTICAL	Peak
4	5928.208	58.25	32.34	6.00	36.90	59.69	68.20	-8.51	VERTICAL	Peak

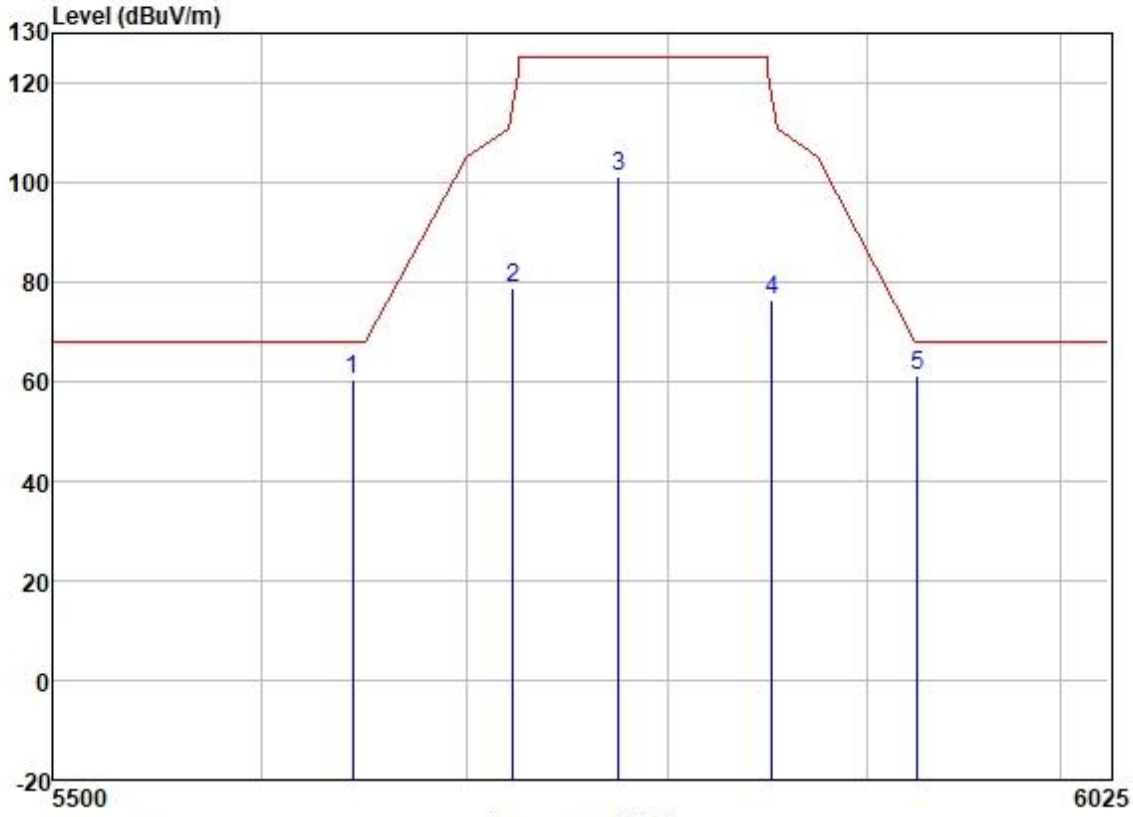
Test Mode: 05; Polarity: Horizontal; Modulation:802.11ax; Bandwidth:80MHz; Channel:middle



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	5647.729	58.74	31.95	6.35	36.89	60.15	68.20	-8.05	HORIZONTAL	Peak
2	5721.979	74.84	32.04	6.33	36.89	76.32	115.31	-38.99	HORIZONTAL	Peak
3	5775.000	99.35	32.16	6.10	36.89	100.72	125.20	-24.48	HORIZONTAL	Peak
4	5856.432	71.84	32.27	5.96	36.90	73.17	110.40	-37.23	HORIZONTAL	Peak
5	5926.556	58.93	32.34	6.00	36.90	60.37	68.20	-7.83	HORIZONTAL	Peak

Test Mode: 05; Polarity: Vertical; Modulation:802.11ax; 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	5644.160	58.84	31.95	6.35	36.89	60.25	68.20	-7.95	VERTICAL	Peak
2	5722.883	77.24	32.07	6.25	36.89	78.67	117.37	-38.70	VERTICAL	Peak
3	5775.000	99.93	32.16	6.10	36.89	101.30	125.20	-23.90	VERTICAL	Peak
4	5852.116	75.05	32.25	6.00	36.90	76.40	117.37	-40.97	VERTICAL	Peak
5	5925.932	59.61	32.34	6.00	36.90	61.05	68.20	-7.15	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:

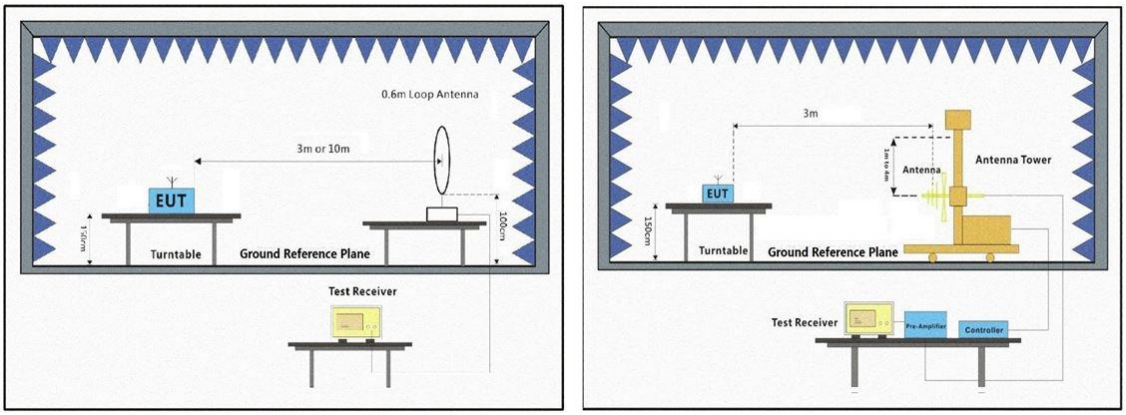
Temperature: 25.8 °C Humidity: 63.2 % RH Atmospheric Pressure: 1010 mbar

7.9.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	02	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Pre-scan	03	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Pre-scan	04	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Pre-scan	05	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). 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.

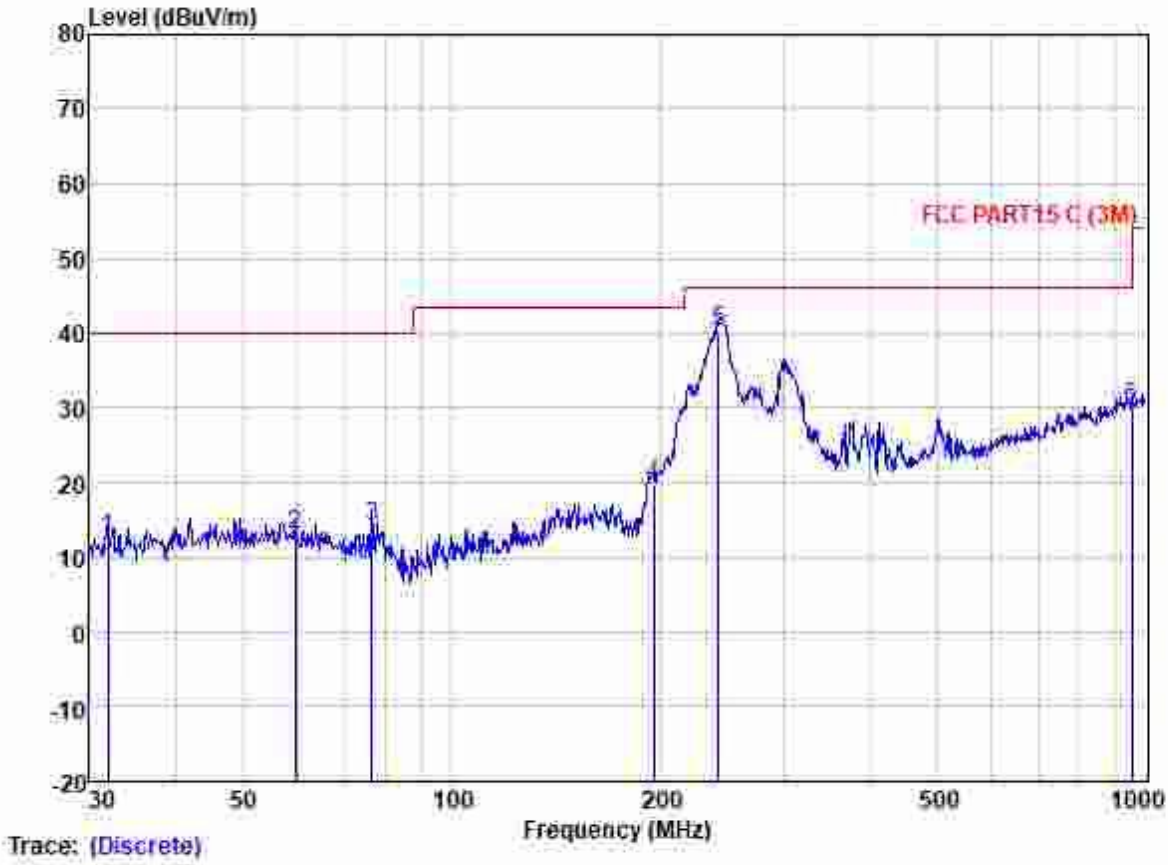
Remark:

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.

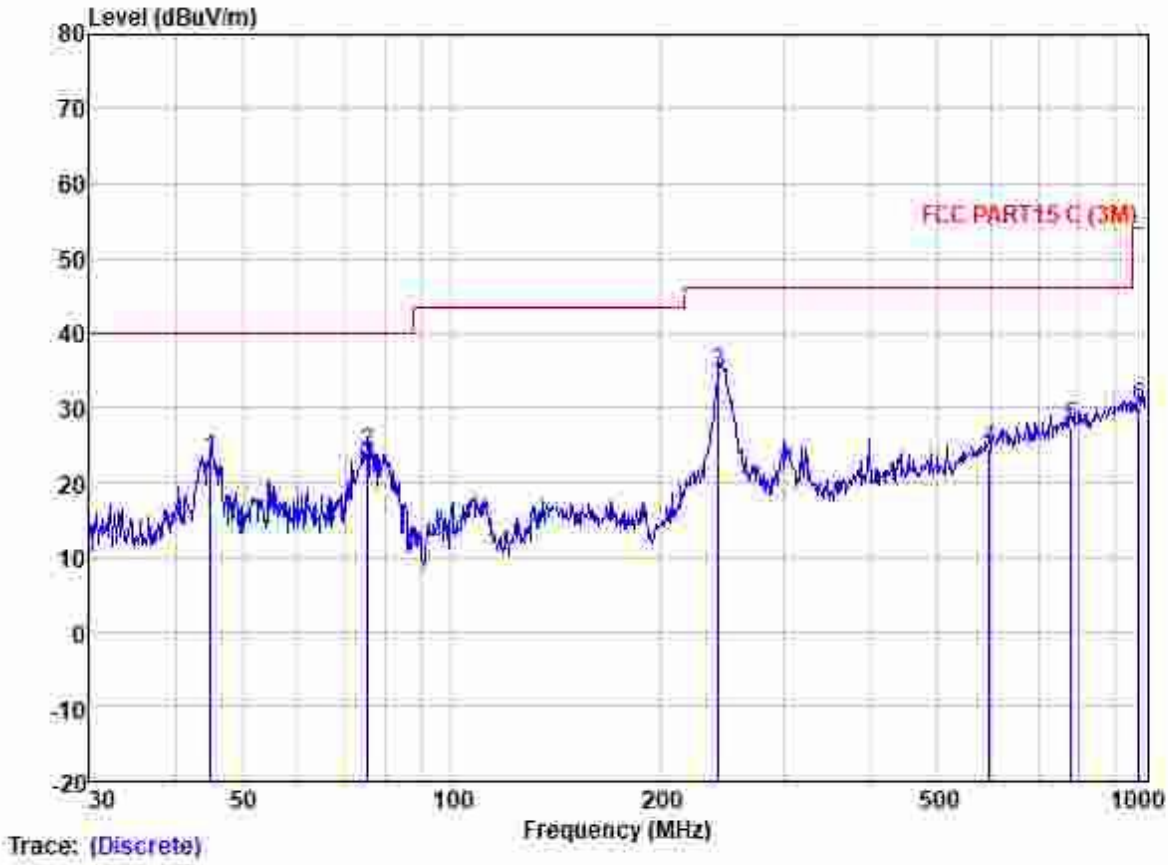
Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : SGS
Condition : FCC PART15 C (3M)
Job :
Model :
Power :
Test Mode :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Measured Level	Limit Line	Over Limit	Pol/ Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dBuV		
1	31.84	25.94	12.69	1.04	27.19	12.48	40.00	-27.52	HORIZONTAL	QP
2	59.44	25.39	13.46	1.25	27.16	12.94	40.00	-27.06	HORIZONTAL	QP
3	76.51	29.73	10.08	1.46	27.10	14.17	40.00	-25.83	HORIZONTAL	QP
4	195.14	33.39	10.67	2.50	26.74	19.82	43.50	-23.68	HORIZONTAL	QP
5	242.53	32.03	11.95	2.84	26.65	40.17	46.00	-5.83	HORIZONTAL	QP
6	955.44	26.72	23.90	7.18	27.74	30.06	46.00	-15.94	HORIZONTAL	QP

Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



Site : SGS
Condition : FCC PART15 C (3M)
Job :
Model :
Power :
Test Mode :

	Freq	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Measured Level	Limit Line	Over Limit	Pol/ Phase	Remark
	MHz	dBuV	dB/m	dB	dB	dBuV/m	dBuV/m	dBuV		
1	44.90	35.38	13.84	1.12	27.17	23.17	40.00	-16.83	VERTICAL	QP
2	75.71	39.41	10.37	1.45	27.18	24.13	40.00	-15.87	VERTICAL	QP
3	242.53	46.39	11.95	2.84	26.65	34.53	46.00	-11.47	VERTICAL	QP
4	595.13	27.93	19.70	5.10	28.28	24.53	46.00	-21.47	VERTICAL	QP
5	782.35	27.00	22.35	6.11	28.05	27.41	46.00	-18.59	VERTICAL	QP
6	979.18	26.45	24.10	7.31	27.69	30.17	54.00	-23.83	VERTICAL	QP

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:

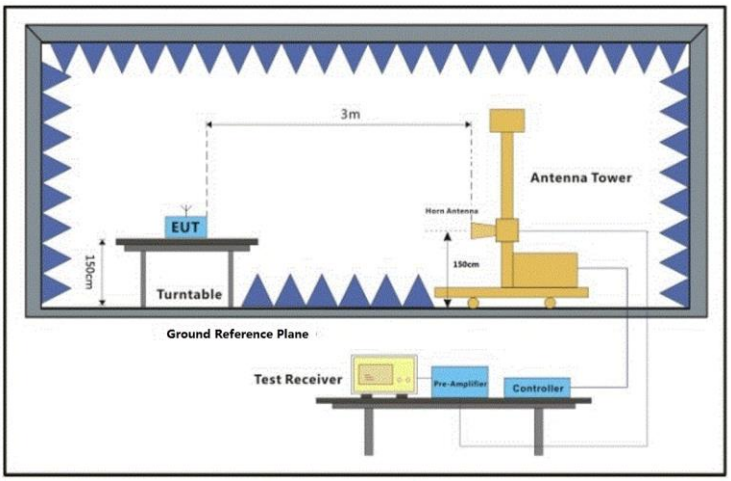
Temperature: 21.5 °C Humidity: 54.2 % RH Atmospheric Pressure: 1010 mbar

7.10.2 Test Mode Description

Pre-scan / Final test	Mode Code	Description
Final test	02	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Final test	03	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Final test	04	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). Only the data of worst case is recorded in the report.
Final test	05	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); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE20); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE40); data rate @ MCS0 is the worst case of IEEE 802.11ax(HE80). 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:

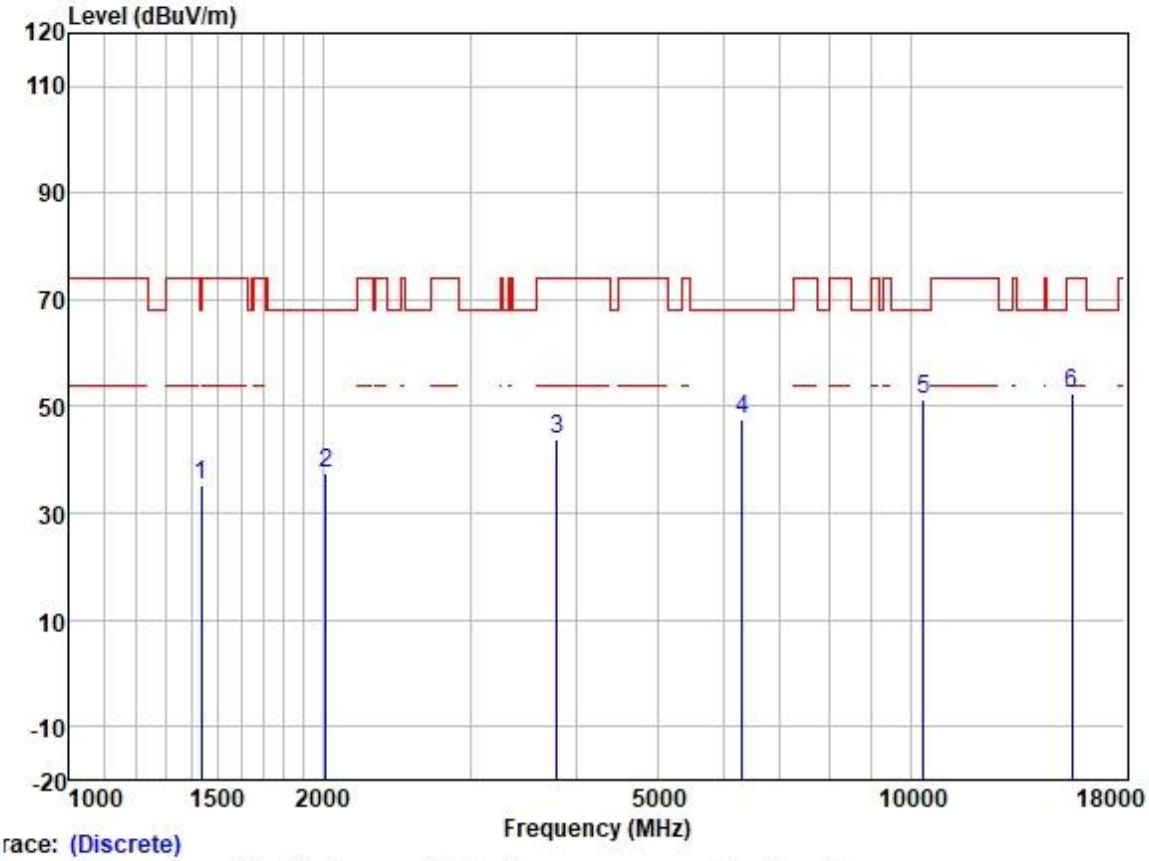
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

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.

5. Pretest the EUT at antenna 1 and antenna 2 and MIMO mode find the worst case is MIMO mode. only record the worst case test data 802.11a in this report.

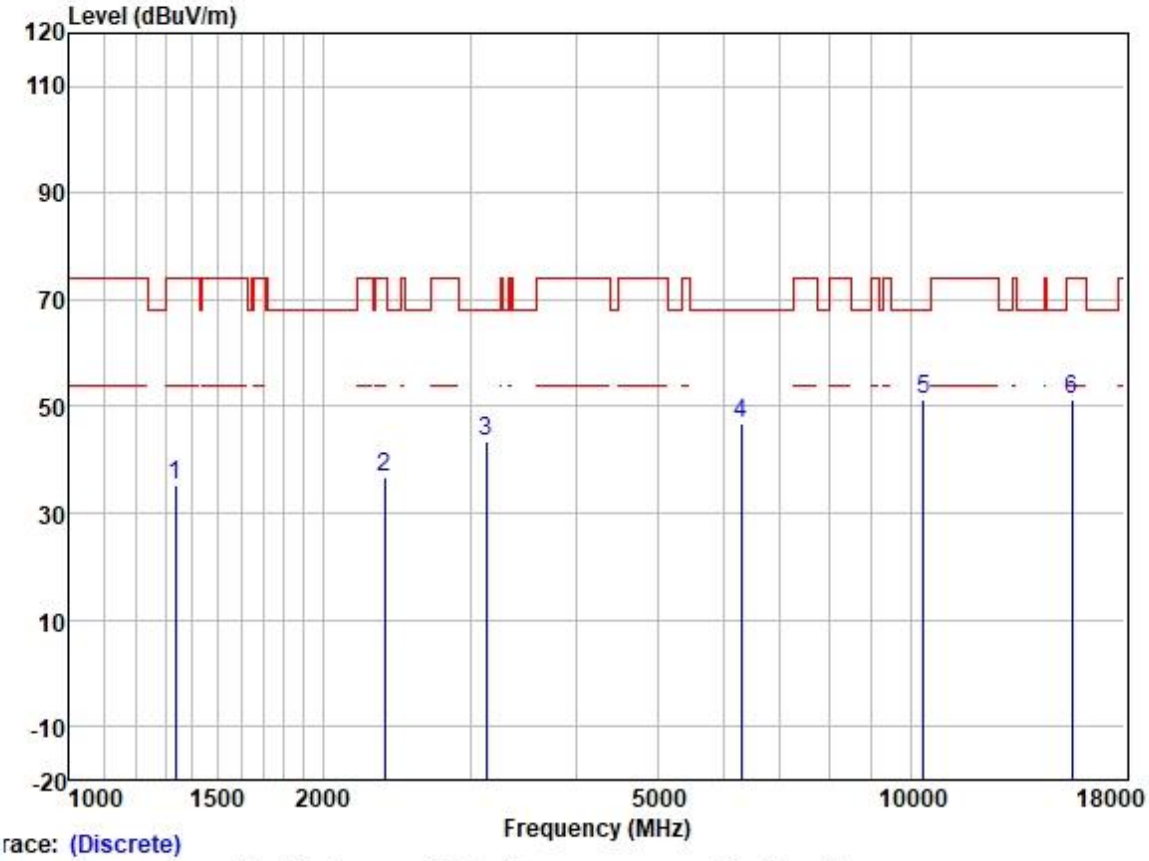
Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	1433.875	45.27	25.44	2.67	38.20	35.18	68.20	-33.02	HORIZONTAL	Peak
2	2018.618	45.87	26.13	3.11	37.69	37.42	68.20	-30.78	HORIZONTAL	Peak
3	3794.585	46.58	29.50	4.60	36.85	43.83	74.00	-30.17	HORIZONTAL	Peak
4	6316.105	45.08	33.51	5.95	36.97	47.57	68.20	-20.63	HORIZONTAL	Peak
5	10360.000	41.94	39.28	7.29	37.37	51.14	68.20	-17.06	HORIZONTAL	Peak
6	15540.000	38.76	39.05	9.88	35.39	52.30	74.00	-21.70	HORIZONTAL	Peak

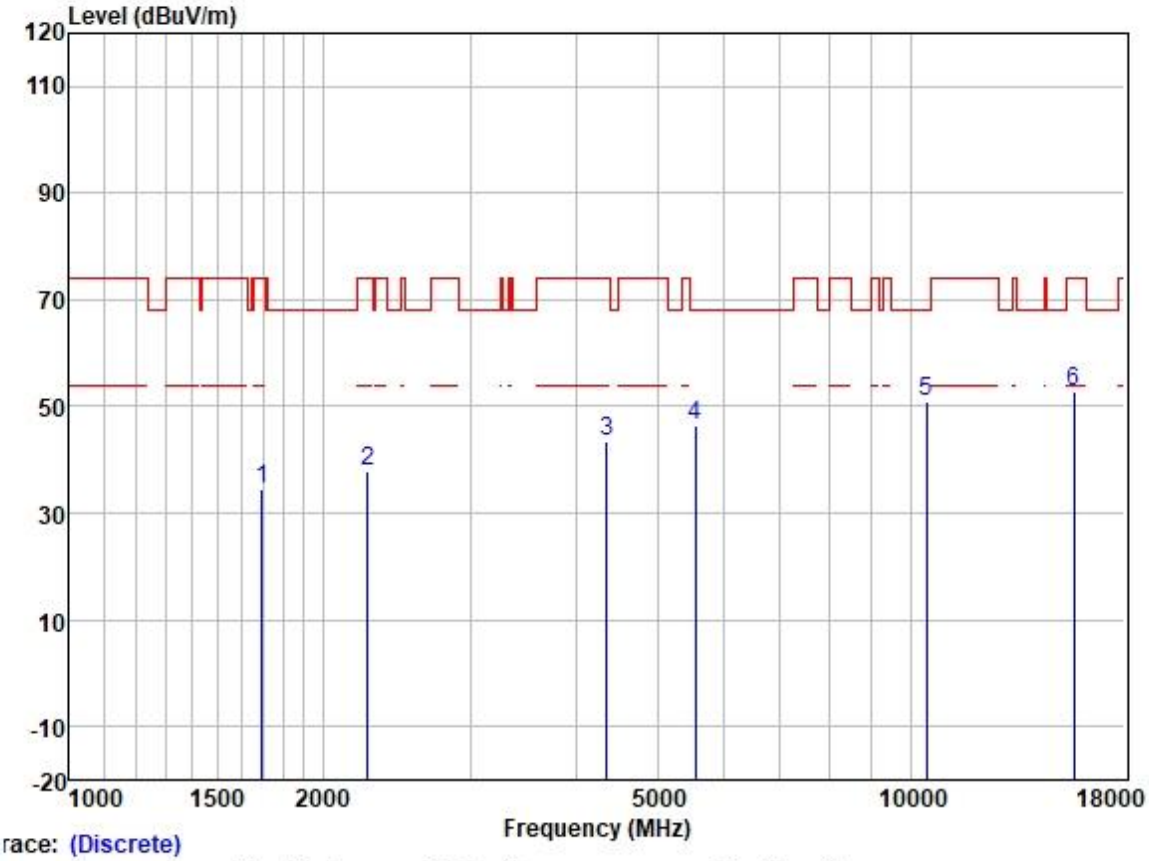
Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



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	1338.565	45.47	25.29	2.60	38.27	35.09	74.00	-38.91	VERTICAL	Peak
2	2367.179	43.80	27.28	3.43	37.60	36.91	74.00	-37.09	VERTICAL	Peak
3	3131.998	48.22	28.51	3.95	37.14	43.54	68.20	-24.66	VERTICAL	Peak
4	6293.723	44.44	33.37	5.98	36.96	46.83	68.20	-21.37	VERTICAL	Peak
5	10360.000	42.16	39.28	7.29	37.37	51.36	68.20	-16.84	VERTICAL	Peak
6	15540.000	37.65	39.05	9.88	35.39	51.19	74.00	-22.81	VERTICAL	Peak

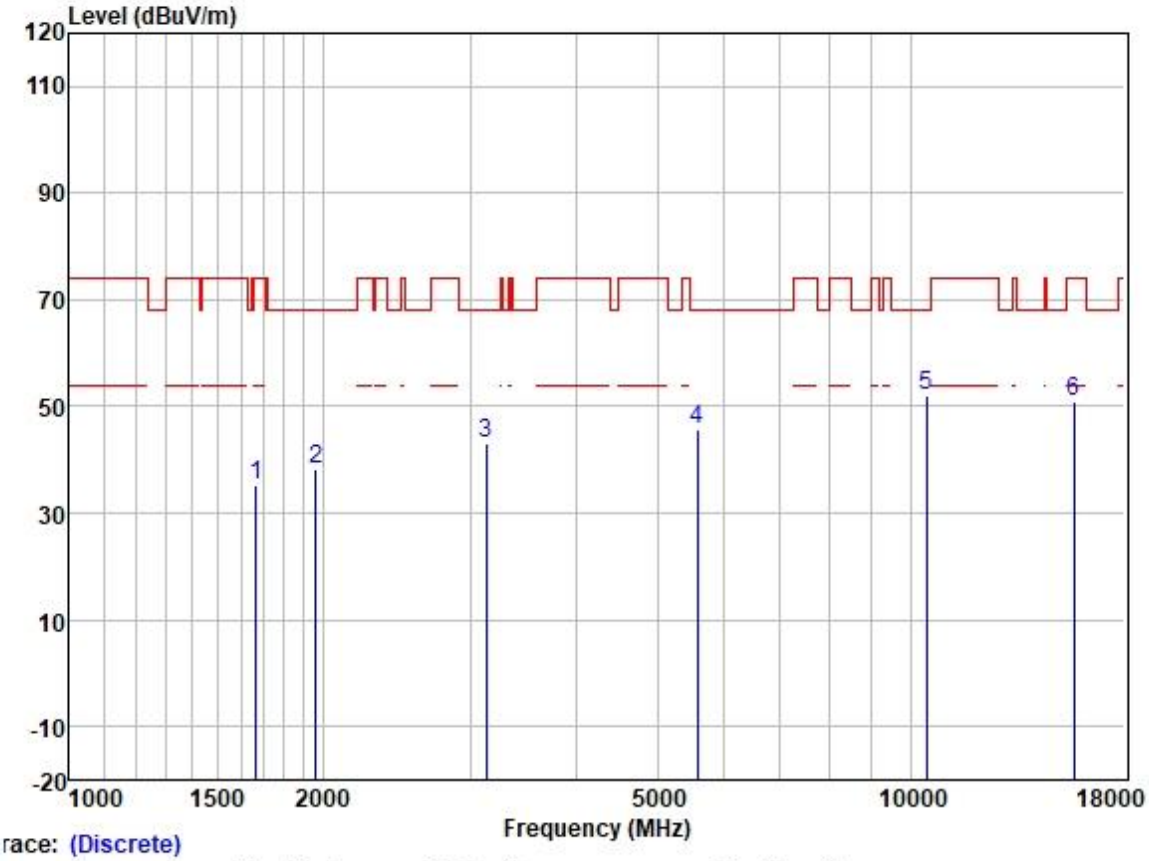
Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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	1695.862	43.93	25.71	2.80	37.89	34.55	74.00	-39.45	HORIZONTAL	Peak
2	2264.619	45.13	26.98	3.27	37.63	37.75	74.00	-36.25	HORIZONTAL	Peak
3	4353.513	45.07	30.59	4.68	36.81	43.53	74.00	-30.47	HORIZONTAL	Peak
4	5553.567	45.23	31.84	6.35	36.89	46.53	68.20	-21.67	HORIZONTAL	Peak
5	10440.000	41.65	39.42	7.37	37.36	51.08	68.20	-17.12	HORIZONTAL	Peak
6	15660.000	39.35	38.86	9.87	35.39	52.69	74.00	-21.31	HORIZONTAL	Peak

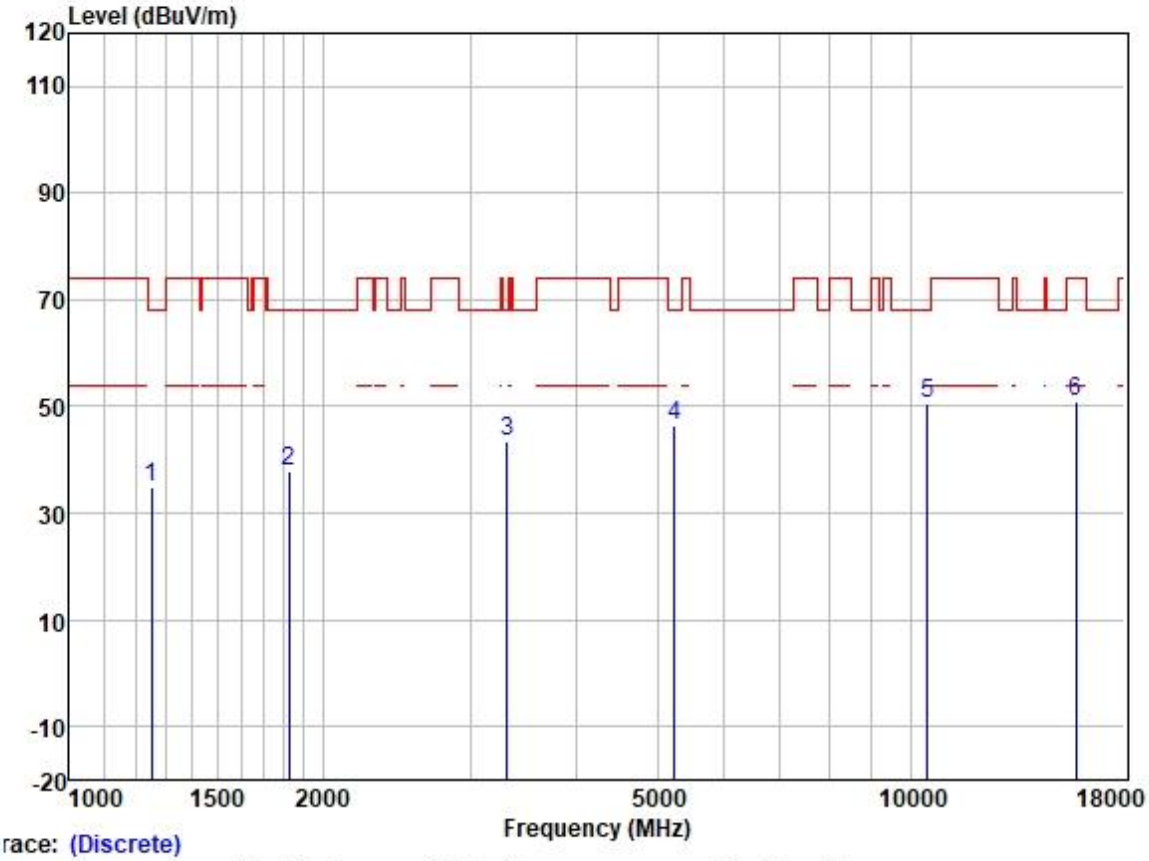
Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



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	1666.398	44.54	25.66	2.80	37.91	35.09	74.00	-38.91	VERTICAL	Peak
2	1962.749	46.77	26.08	3.03	37.71	38.17	68.20	-30.03	VERTICAL	Peak
3	3127.270	47.91	28.50	3.94	37.14	43.21	68.20	-24.99	VERTICAL	Peak
4	5575.816	44.39	31.87	6.32	36.89	45.69	68.20	-22.51	VERTICAL	Peak
5	10440.000	42.56	39.42	7.37	37.36	51.99	68.20	-16.21	VERTICAL	Peak
6	15660.000	37.53	38.86	9.87	35.39	50.87	74.00	-23.13	VERTICAL	Peak

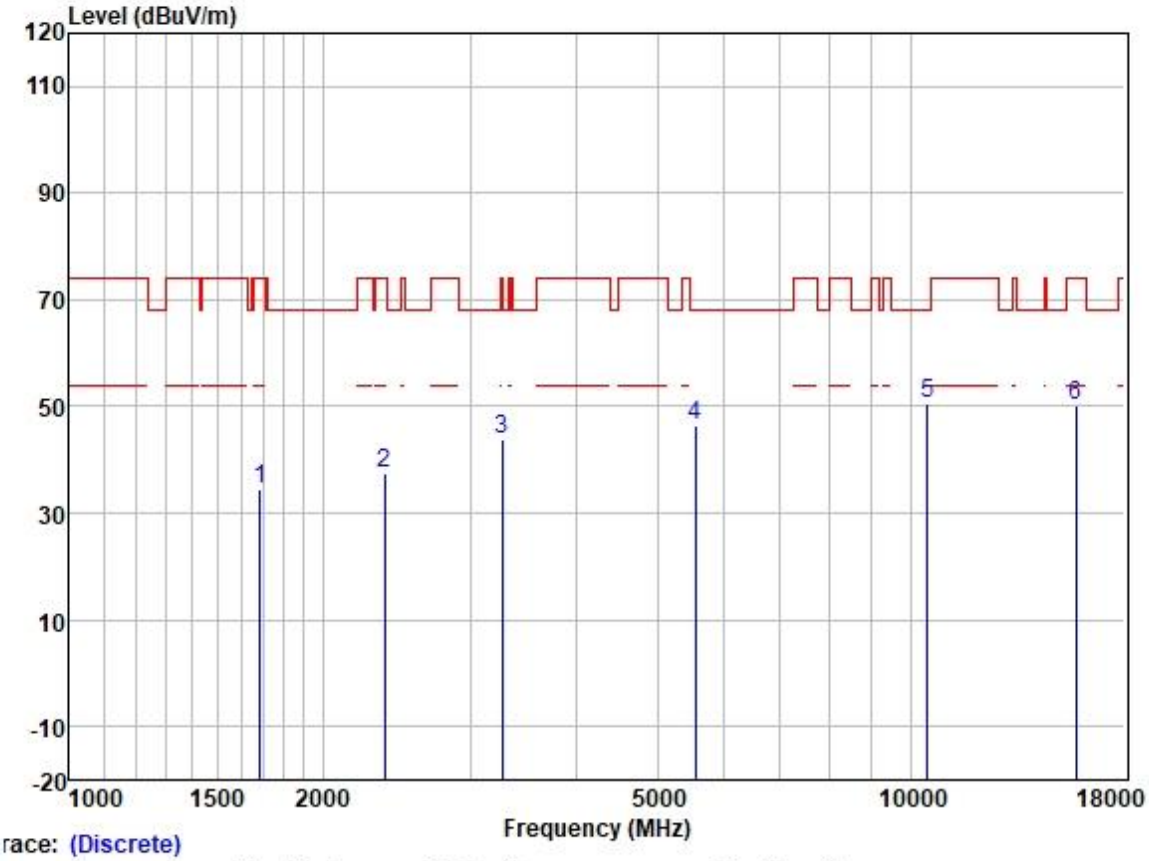
Test Mode: 02; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	1252.808	45.86	25.03	2.36	38.35	34.90	68.20	-33.30	HORIZONTAL	Peak
2	1823.591	46.75	25.97	2.98	37.80	37.90	68.20	-30.30	HORIZONTAL	Peak
3	3311.344	47.56	28.76	4.06	37.03	43.35	68.20	-24.85	HORIZONTAL	Peak
4	5246.306	45.69	31.75	5.74	36.87	46.31	68.20	-21.89	HORIZONTAL	Peak
5	10480.000	41.09	39.46	7.40	37.36	50.59	68.20	-17.61	HORIZONTAL	Peak
6	15720.000	37.55	38.78	9.87	35.39	50.81	74.00	-23.19	HORIZONTAL	Peak

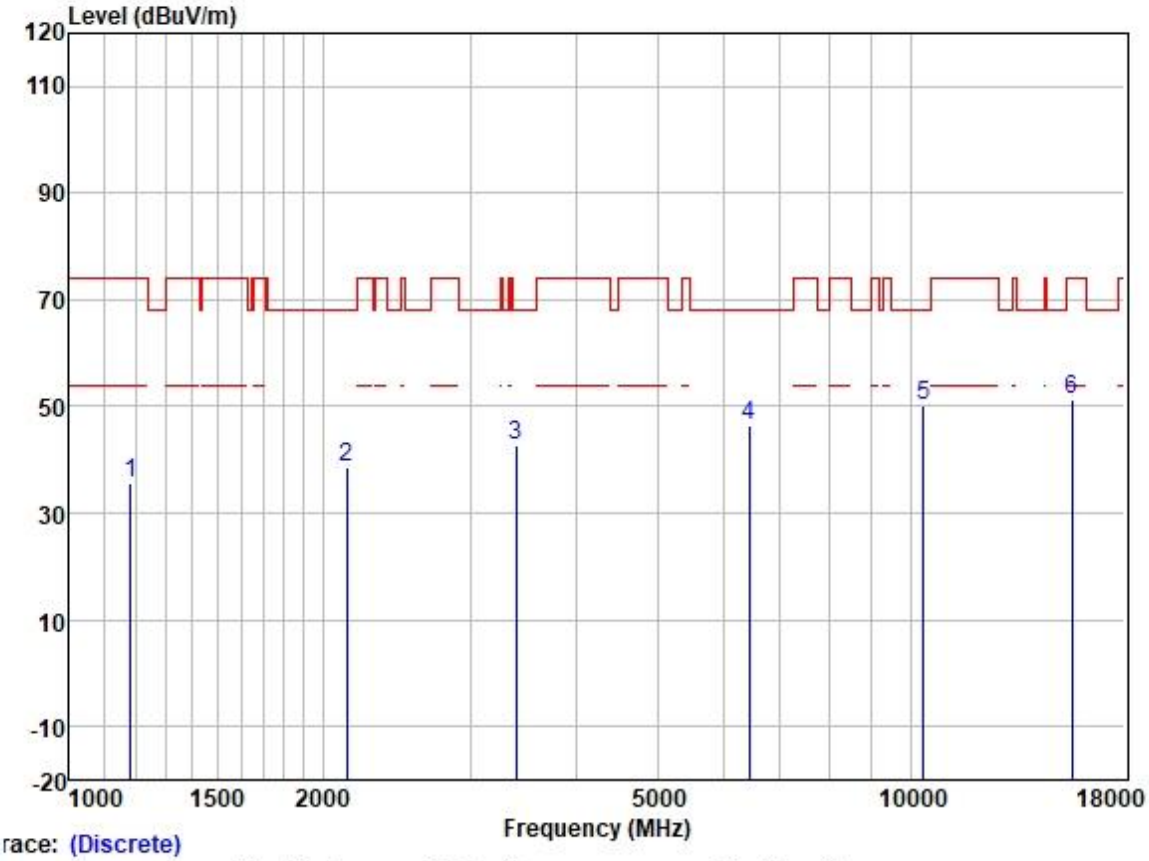
Test Mode: 02; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



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	1686.739	43.89	25.69	2.80	37.91	34.47	74.00	-39.53	VERTICAL	Peak
2	2368.083	44.20	27.28	3.43	37.60	37.31	74.00	-36.69	VERTICAL	Peak
3	3269.567	48.06	28.71	4.04	37.04	43.77	68.20	-24.43	VERTICAL	Peak
4	5547.815	45.05	31.84	6.35	36.89	46.35	68.20	-21.85	VERTICAL	Peak
5	10480.000	40.98	39.46	7.40	37.36	50.48	68.20	-17.72	VERTICAL	Peak
6	15720.000	37.00	38.78	9.87	35.39	50.26	74.00	-23.74	VERTICAL	Peak

Test Mode: 02; Polarity: Horizontal; Modulation:802.11n; Bandwidth:20MHz; 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	1183.291	46.95	24.60	2.37	38.40	35.52	74.00	-38.48	HORIZONTAL	Peak
2	2135.670	46.67	26.39	3.18	37.67	38.57	68.20	-29.63	HORIZONTAL	Peak
3	3399.635	46.78	28.84	4.10	36.98	42.74	68.20	-25.46	HORIZONTAL	Peak
4	6429.488	43.91	33.83	5.88	36.99	46.63	68.20	-21.57	HORIZONTAL	Peak
5	10360.000	41.08	39.28	7.29	37.37	50.28	68.20	-17.92	HORIZONTAL	Peak
6	15540.000	37.60	39.05	9.88	35.39	51.14	74.00	-22.86	HORIZONTAL	Peak