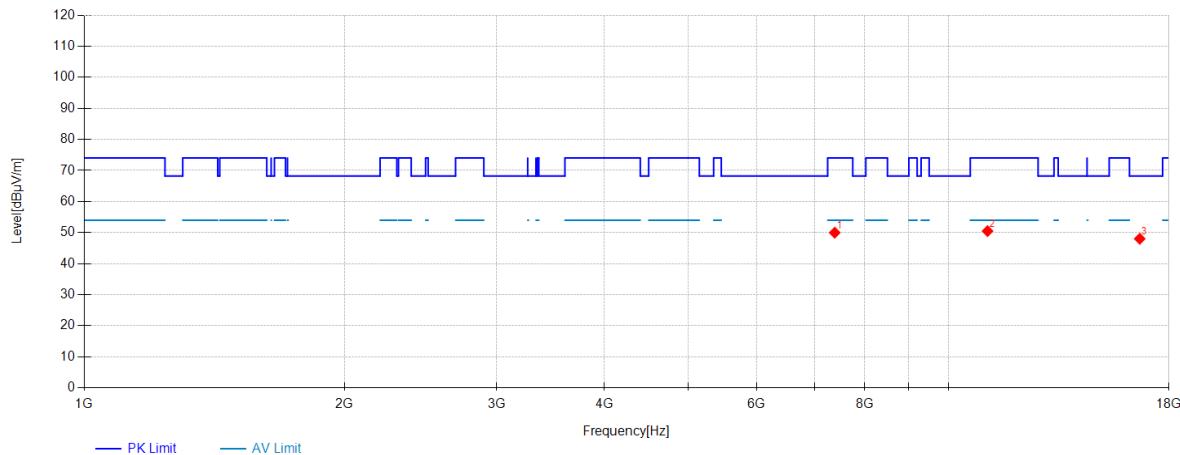


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802.11n40_Channel 110



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7387	52.30	36.65	-38.97	49.98	74.00	24.02	Vertical
2	11100	48.69	40.20	-38.40	50.49	74.00	23.51	Vertical
3	16650	44.95	39.45	-36.39	48.01	68.20	20.19	Vertical



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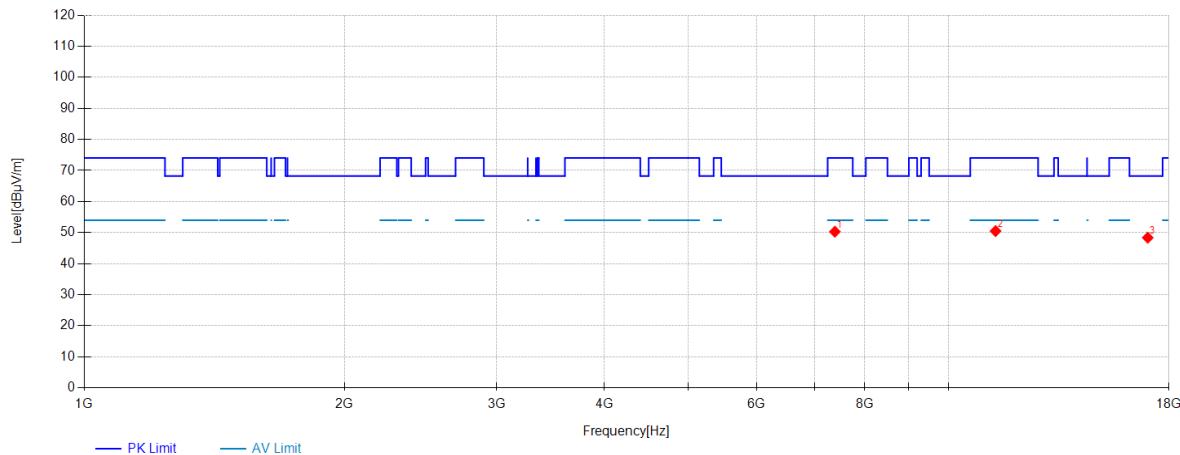
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802.11n40_Channel 134



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7390	52.59	36.66	-38.96	50.29	74.00	23.71	Horizontal
2	11340	48.64	40.18	-38.33	50.49	74.00	23.51	Horizontal
3	17010	44.15	41.38	-37.17	48.36	68.20	19.84	Horizontal



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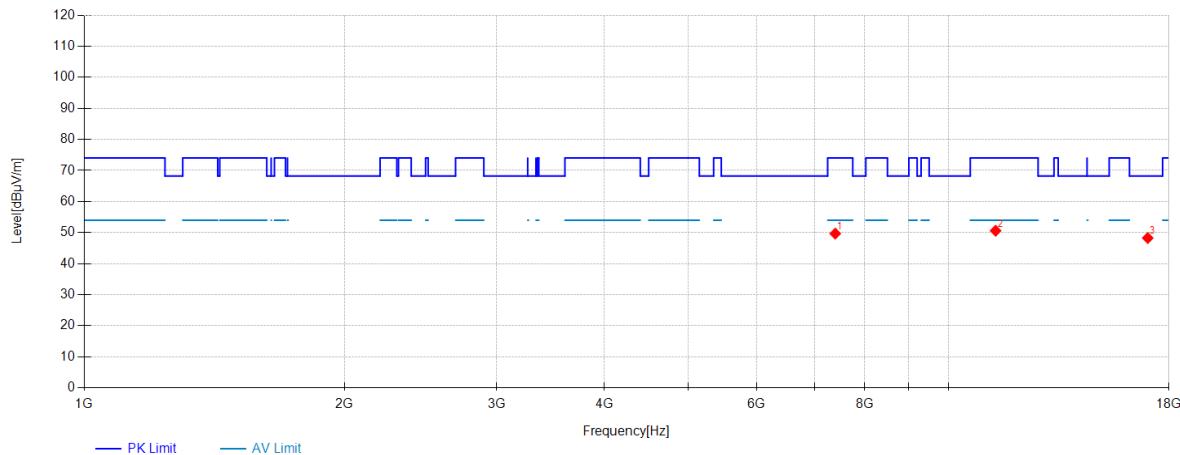
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7397	51.92	36.69	-38.93	49.68	74.00	24.32	Vertical
2	11340	48.75	40.18	-38.33	50.60	74.00	23.40	Vertical
3	17010	44.05	41.38	-37.17	48.26	68.20	19.94	Vertical



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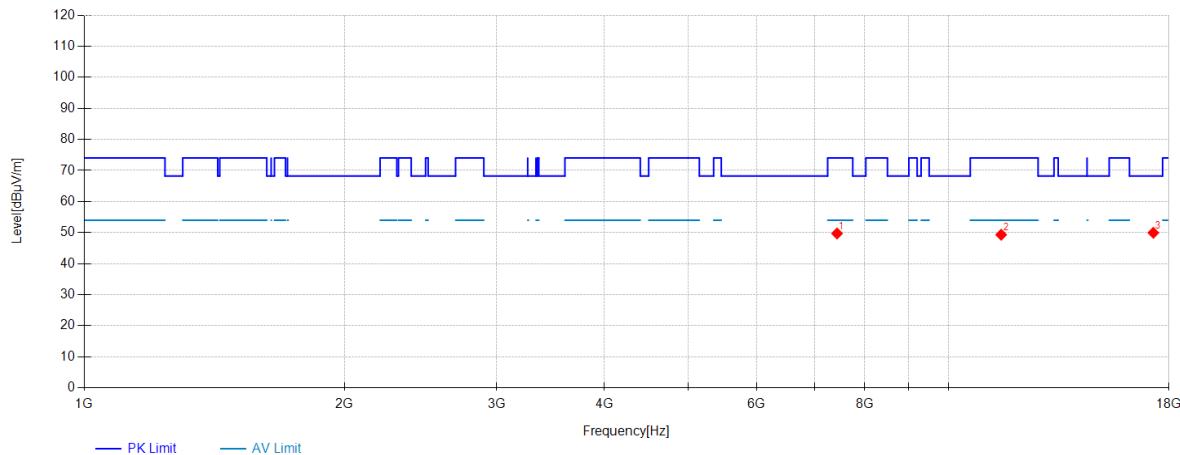
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802.11n40_Channel 151



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7433.5	51.84	36.77	-38.89	49.72	74.00	24.28	Horizontal
2	11510	47.80	40.21	-38.70	49.31	74.00	24.69	Horizontal
3	17265	45.75	43.02	-38.83	49.94	68.20	18.26	Horizontal



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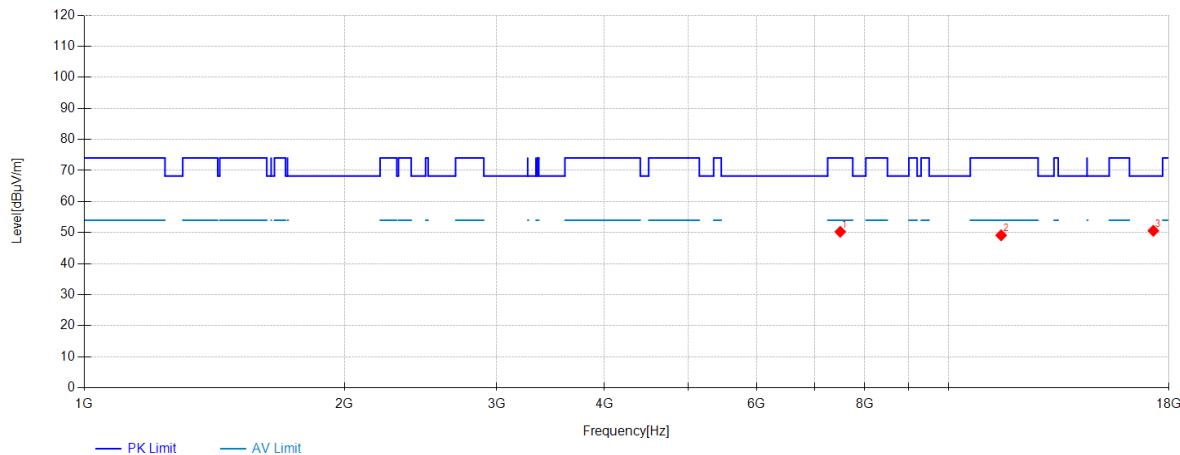
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7497	52.21	36.89	-38.84	50.26	74.00	23.74	Vertical
2	11510	47.61	40.21	-38.70	49.12	74.00	24.88	Vertical
3	17265	46.39	43.02	-38.83	50.58	68.20	17.62	Vertical

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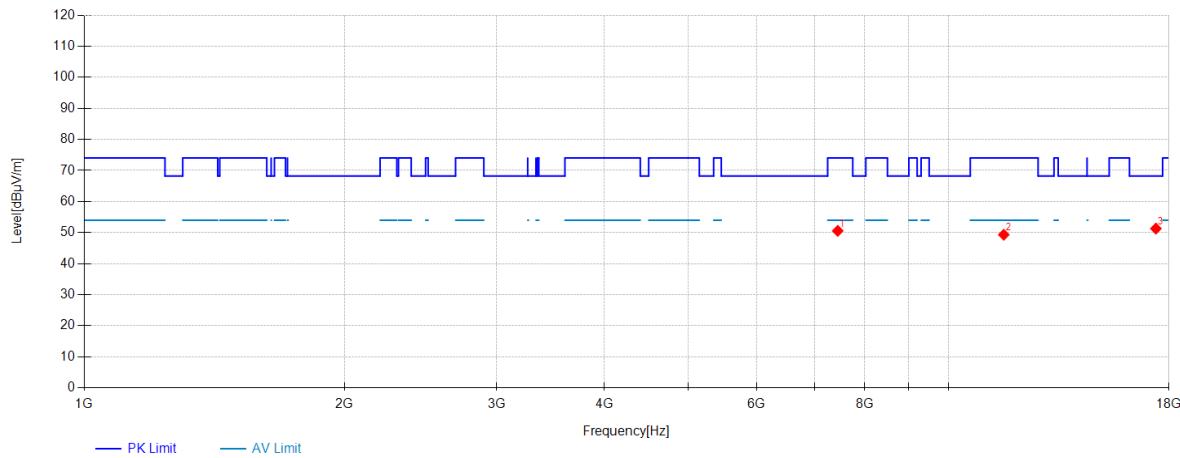
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	7446.5	52.65	36.79	-38.88	50.56	74.00	23.44	Horizontal
2	11590	46.73	40.29	-37.70	49.32	74.00	24.68	Horizontal
3	17385	45.71	44.32	-38.74	51.29	68.20	16.91	Horizontal



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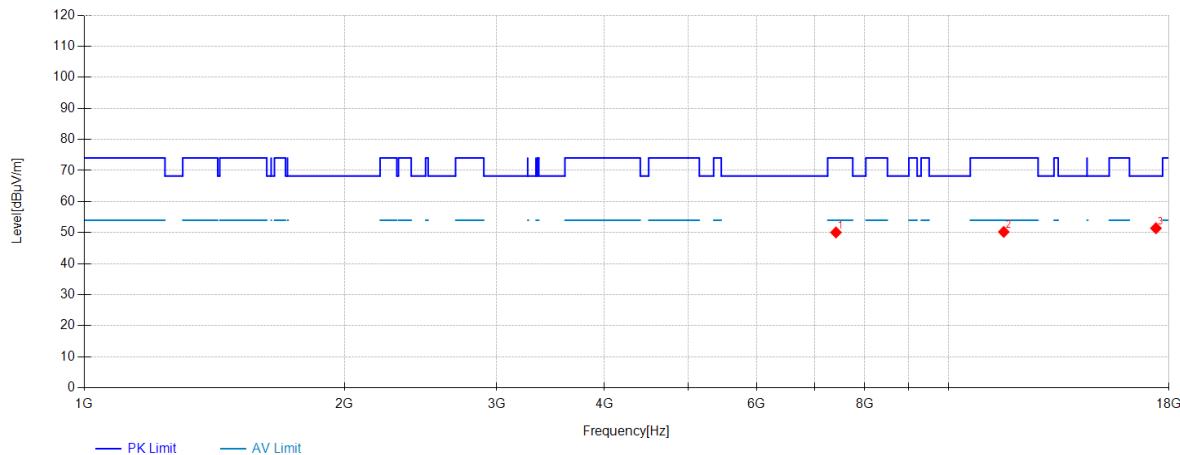
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	7411.5	52.25	36.72	-38.91	50.06	74.00	23.94	Vertical
2	11590	47.63	40.29	-37.70	50.22	74.00	23.78	Vertical
3	17385	45.82	44.32	-38.74	51.40	68.20	16.80	Vertical



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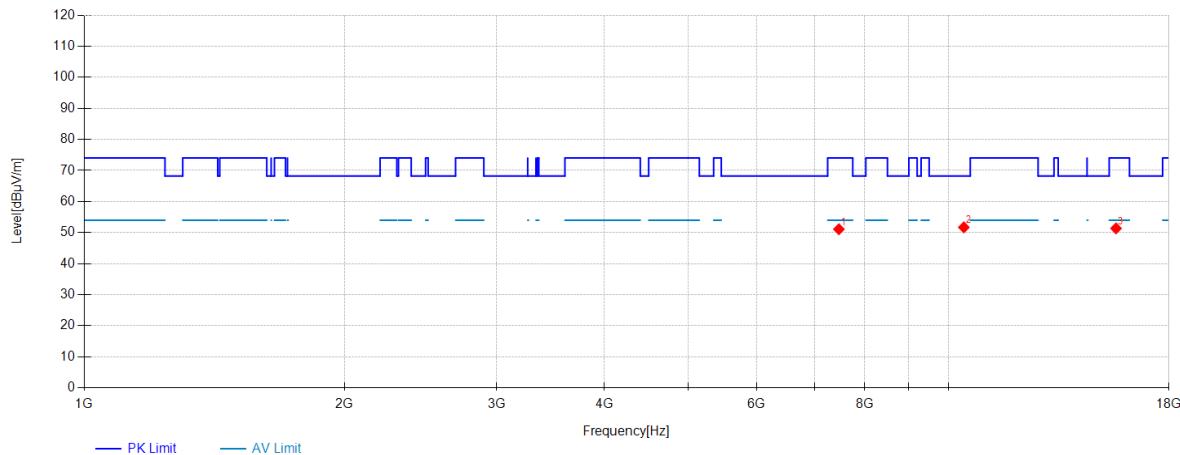
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802.11ac80_Channel 42



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7470	53.11	36.84	-38.86	51.09	74.00	22.91	Horizontal
2	10420	48.62	39.14	-36.07	51.69	68.20	16.51	Horizontal
3	15630	47.57	38.50	-34.72	51.35	74.00	22.65	Horizontal



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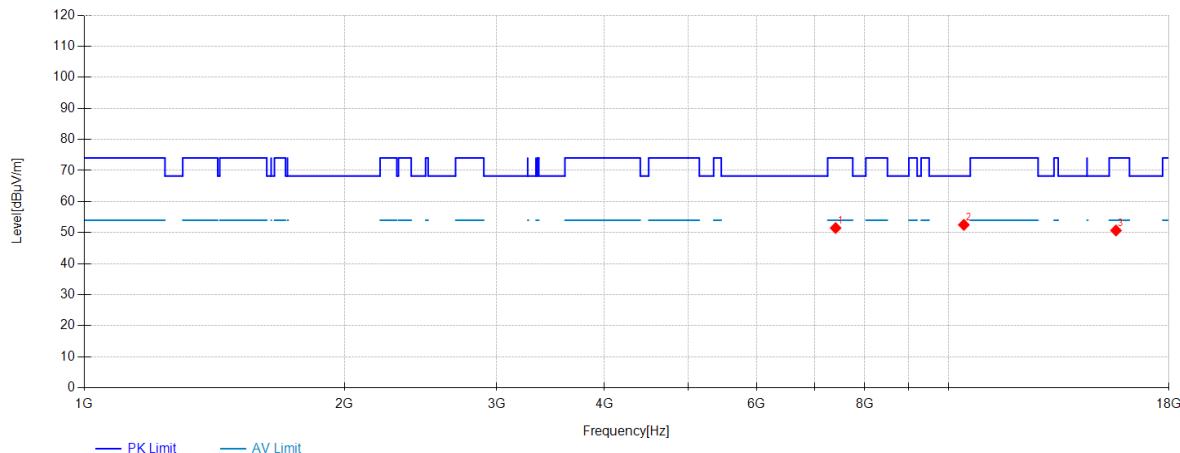
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	7404.5	53.68	36.71	-38.92	51.47	74.00	22.53	Vertical
2	10420	49.42	39.14	-36.07	52.49	68.20	15.71	Vertical
3	15630	46.90	38.50	-34.72	50.68	74.00	23.32	Vertical



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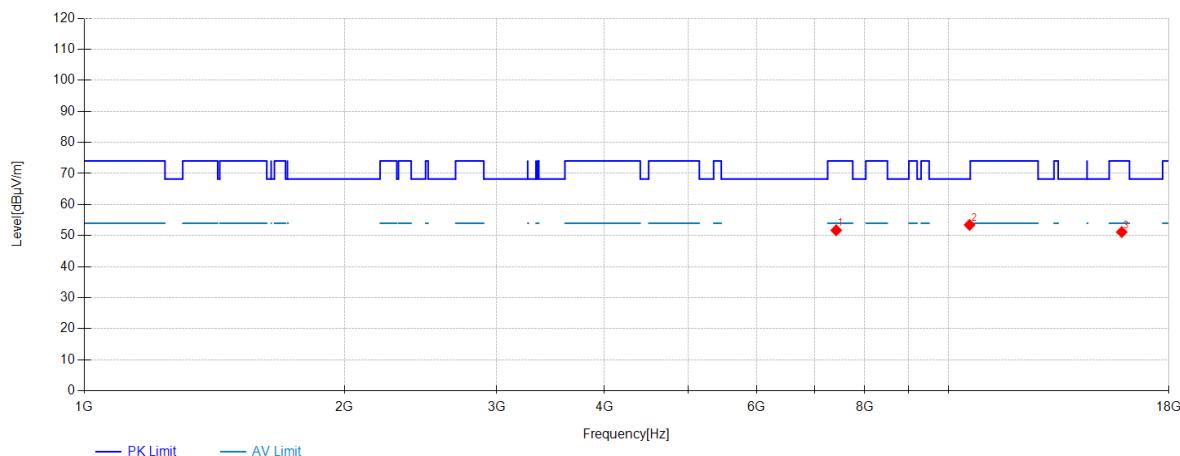
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7416.5	53.88	36.73	-38.91	51.70	74.00	22.30	Horizontal
2	10580	50.55	39.22	-36.33	53.44	68.20	14.76	Horizontal
3	15870	47.11	37.82	-33.79	51.14	74.00	22.86	Horizontal



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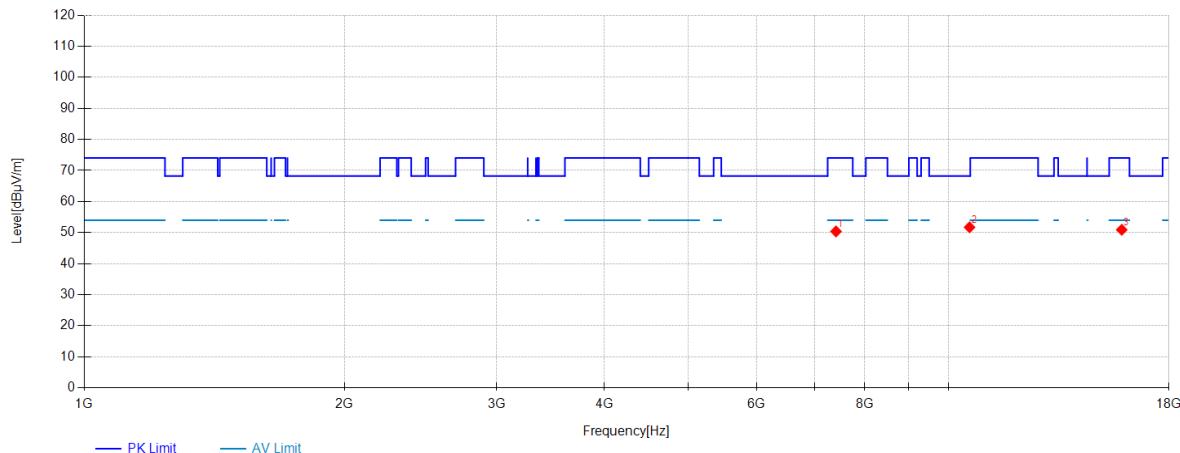
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7412	52.57	36.72	-38.91	50.38	74.00	23.62	Vertical
2	10580	48.82	39.22	-36.33	51.71	68.20	16.49	Vertical
3	15870	46.87	37.82	-33.79	50.90	74.00	23.10	Vertical



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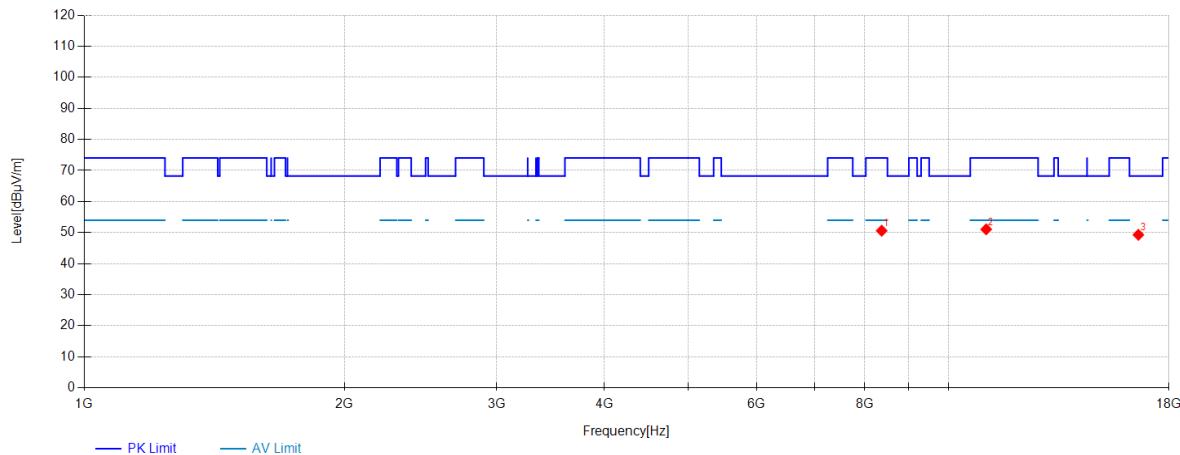
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802.11ac80_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	8371.5	51.85	36.39	-37.63	50.61	74.00	23.39	Horizontal
2	11060	49.19	40.16	-38.30	51.05	74.00	22.95	Horizontal
3	16590	46.27	39.48	-36.46	49.29	68.20	18.91	Horizontal



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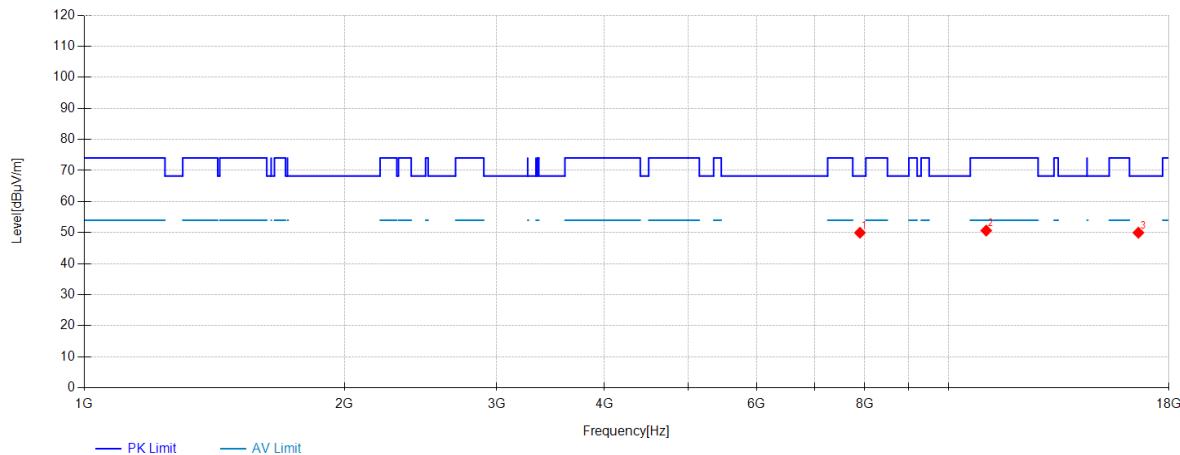
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7900.5	51.64	36.50	-38.19	49.95	68.20	18.25	Vertical
2	11060	48.78	40.16	-38.30	50.64	74.00	23.36	Vertical
3	16590	46.95	39.48	-36.46	49.97	68.20	18.23	Vertical



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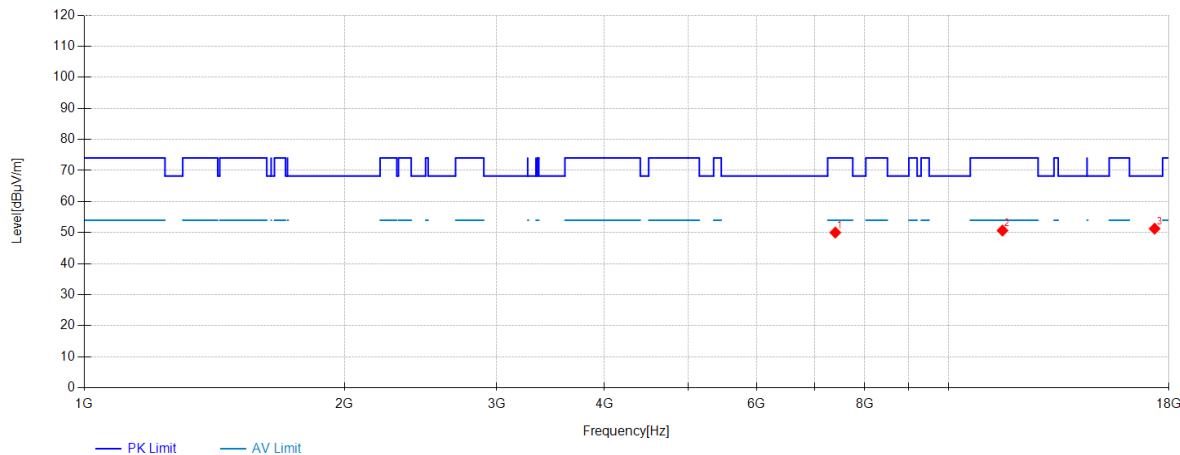
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	7399	52.23	36.70	-38.92	50.01	74.00	23.99	Horizontal
2	11550	48.60	40.25	-38.20	50.65	74.00	23.35	Horizontal
3	17325	46.36	43.60	-38.69	51.27	68.20	16.93	Horizontal



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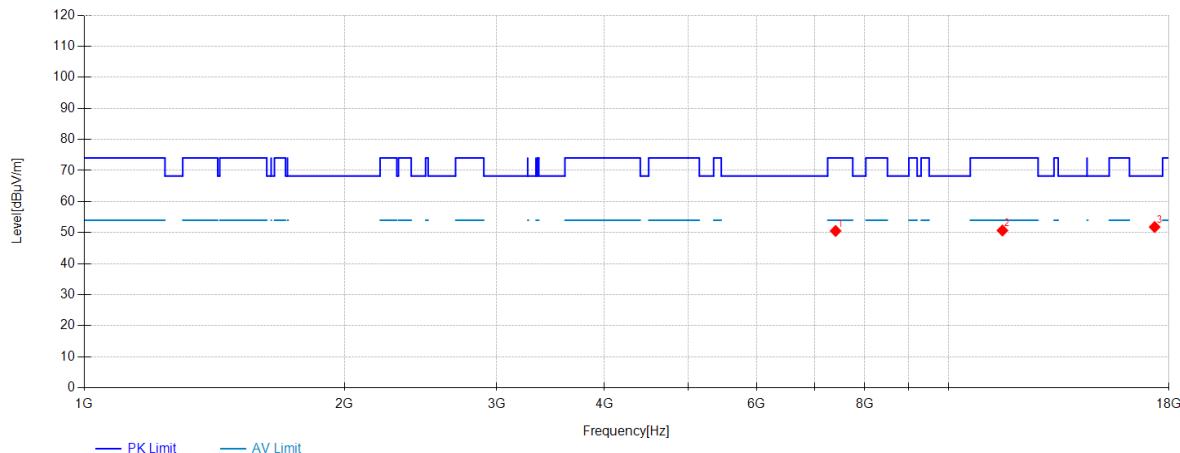
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7404.5	52.73	36.71	-38.92	50.52	74.00	23.48	Vertical
2	11550	48.62	40.25	-38.20	50.67	74.00	23.33	Vertical
3	17325	46.89	43.60	-38.69	51.80	68.20	16.40	Vertical

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

$$\text{Level} = \text{Reading}(\text{dB}\mu\text{V}) + \text{AF}(\text{dB}/\text{m}) + \text{Factor}(\text{dB})$$

$$\text{AF} = \text{Antenna Factor}(\text{dB}/\text{m})$$

$$\text{Factor} = \text{Cable Factor}(\text{dB}) - \text{Preamplifier gain}(\text{dB})$$

$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V}/\text{m}) - \text{Level}(\text{dB}\mu\text{V}/\text{m})$$
- 2) All channels have been tested, but only the worst case data displayed in this report.
- 3) Both peak and average measured complies with the limit line, so test result is "PASS"
- 4) For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11n HT20/40 by referring to their higher output power.



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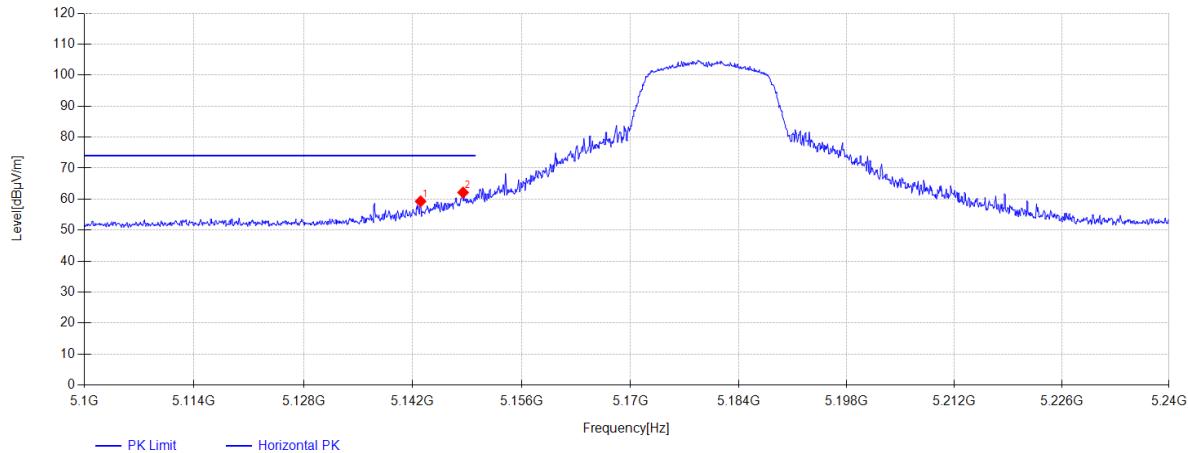
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Restricted bands around fundamental frequency

802.11a_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.0015	41.41	31.76	-13.89	59.28	74.00	14.72	Horizontal
2	5148.4642	44.15	31.79	-13.80	62.14	74.00	11.86	Horizontal



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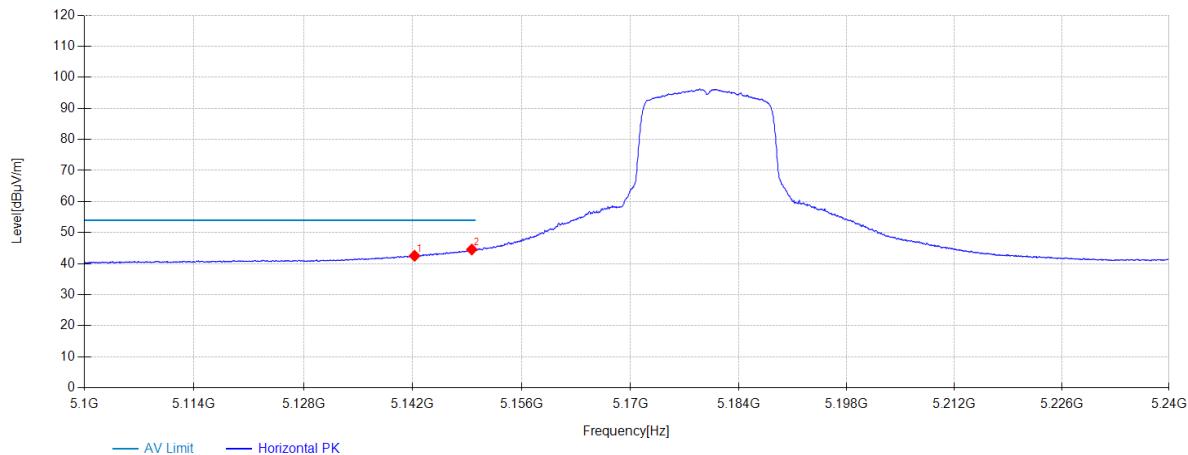
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802.11a_Channel 36

Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5142.2311	24.68	31.75	-13.90	42.53	54.00	11.47	Horizontal
2	5149.5848	26.54	31.80	-13.79	44.55	54.00	9.45	Horizontal



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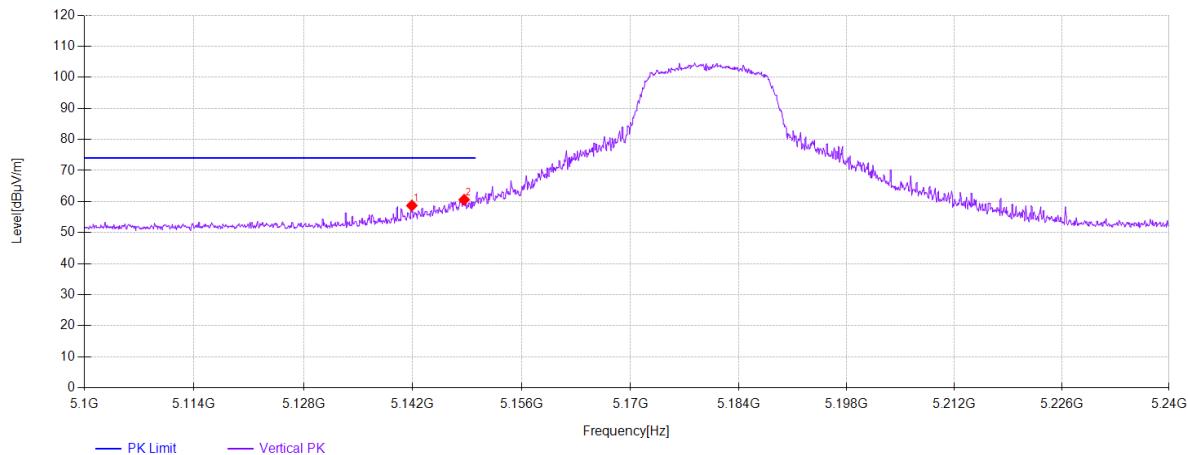
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5141.8809	40.87	31.75	-13.91	58.71	74.00	15.29	Vertical
2	5148.6043	42.59	31.79	-13.80	60.58	74.00	13.42	Vertical



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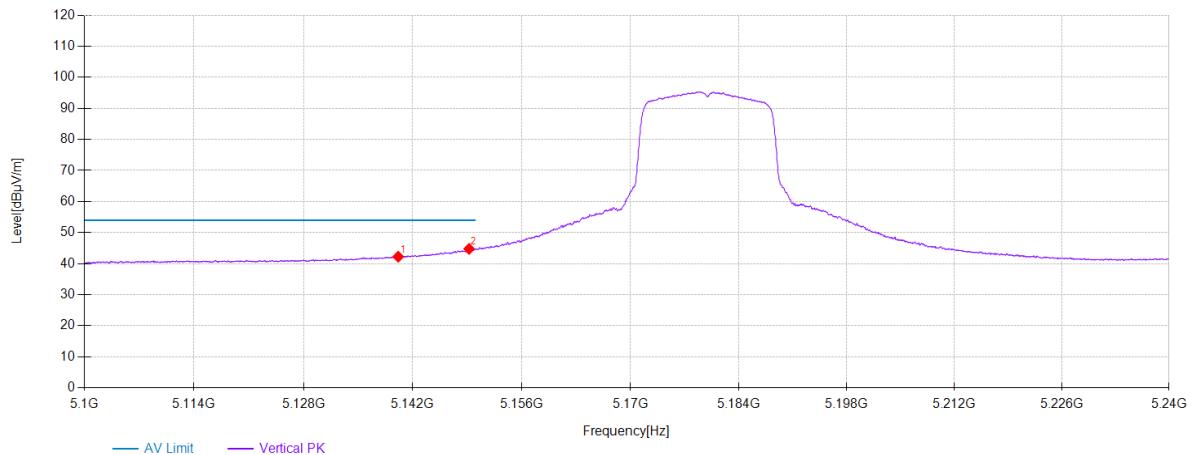
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NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5140.1301	24.44	31.74	-13.94	42.24	54.00	11.76	Vertical
2	5149.2346	26.75	31.80	-13.79	44.76	54.00	9.24	Vertical



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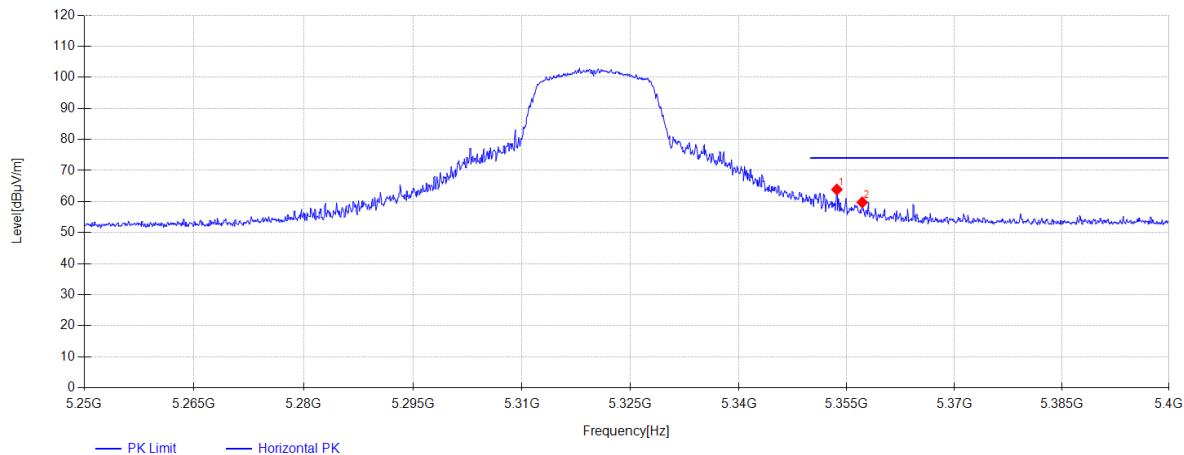
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802.11a_Channel 64

Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5353.6268	44.70	32.22	-13.05	63.87	74.00	10.13	Horizontal
2	5357.1536	40.63	32.24	-13.12	59.75	74.00	14.25	Horizontal



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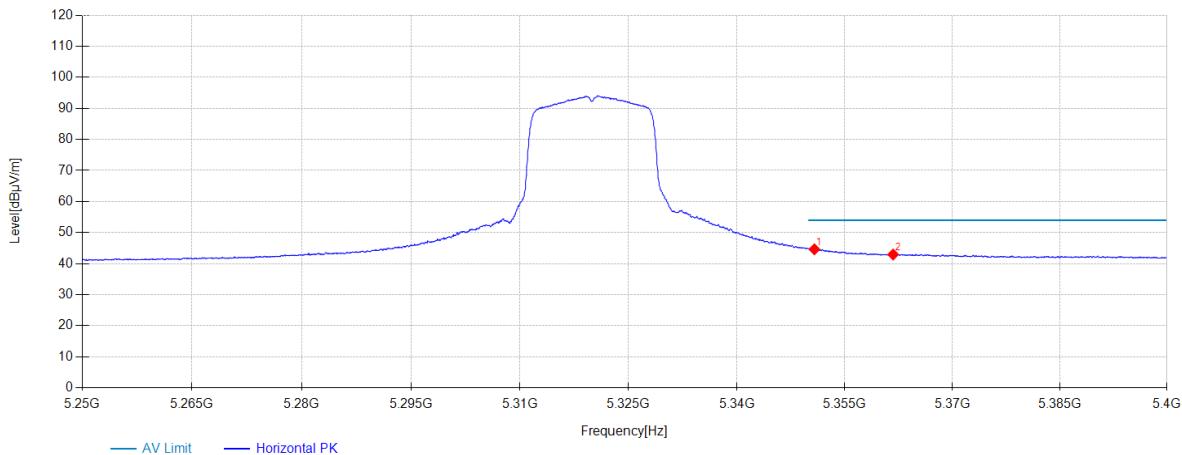
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1	5350.7754	25.41	32.20	-12.99	44.62	54.00	9.38	Horizontal
2	5361.7309	23.84	32.27	-13.16	42.95	54.00	11.05	Horizontal



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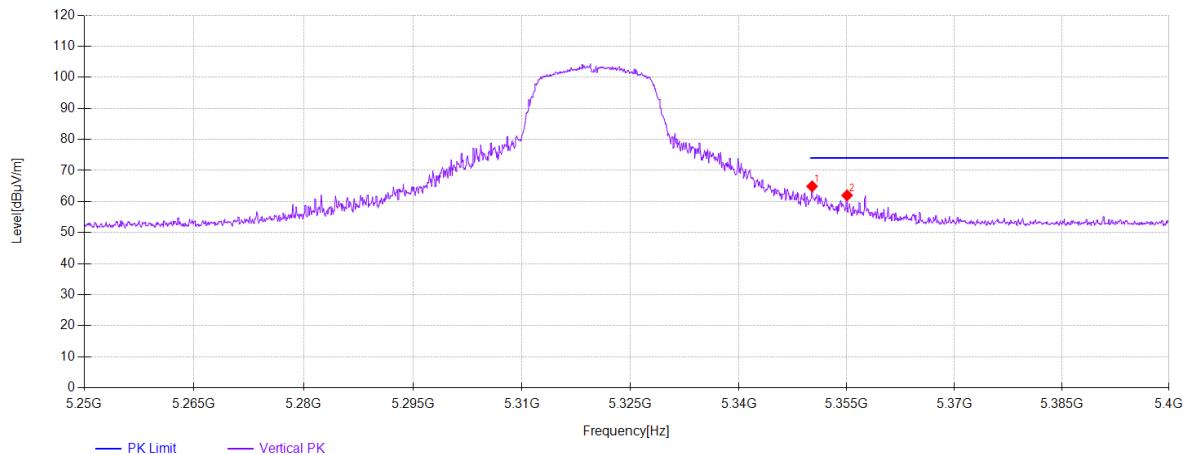
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802.11a_Channel 64

Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5350.1751	45.66	32.20	-12.97	64.89	74.00	9.11	Vertical
2	5355.0525	42.85	32.23	-13.08	62.00	74.00	12.00	Vertical



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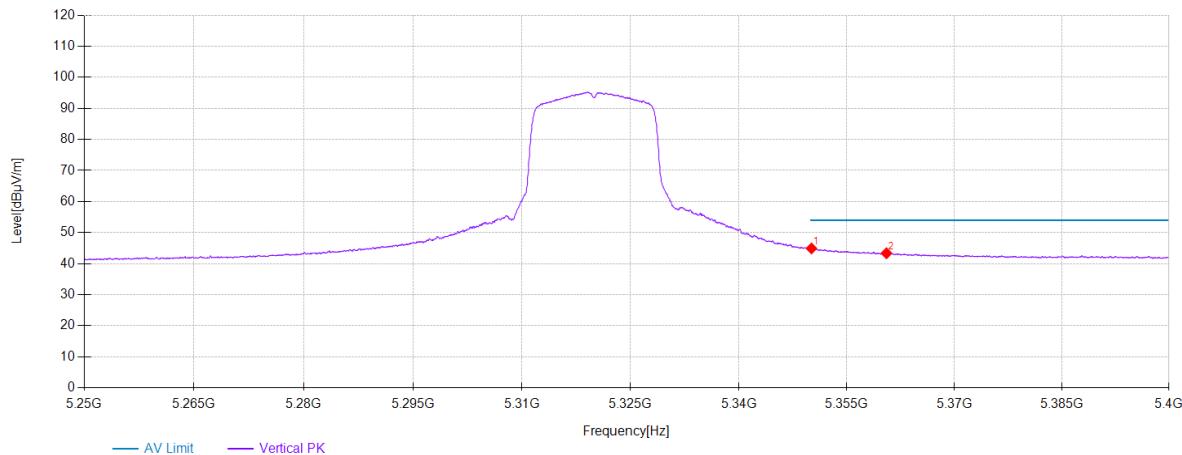
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802.11a_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	25.68	32.20	-12.97	44.91	54.00	9.09	Vertical
2	5360.5303	24.26	32.26	-13.17	43.35	54.00	10.65	Vertical



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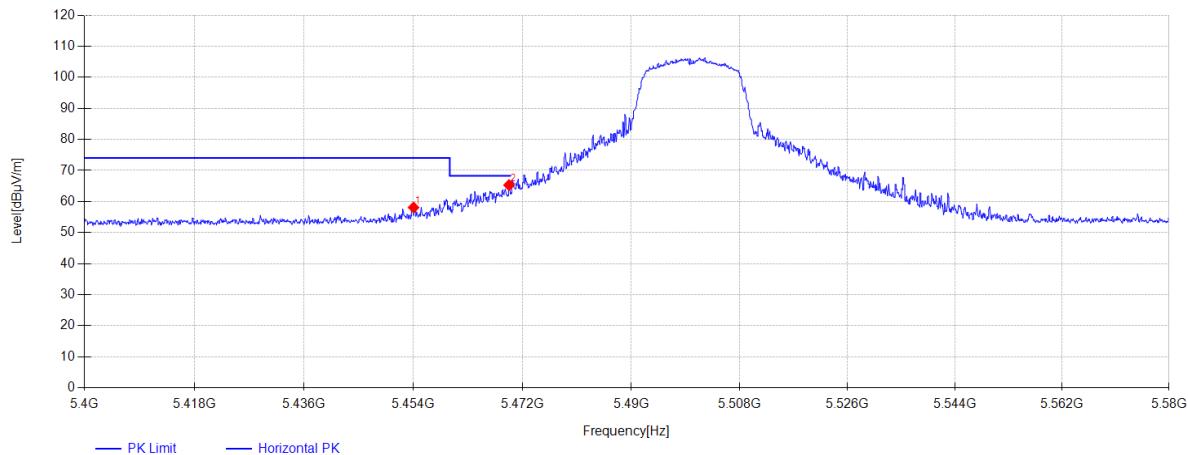
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802.11a_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.027	38.96	32.22	-13.09	58.09	74.00	15.91	Horizontal
2	5469.7849	46.02	32.28	-13.00	65.30	68.30	3.00	Horizontal



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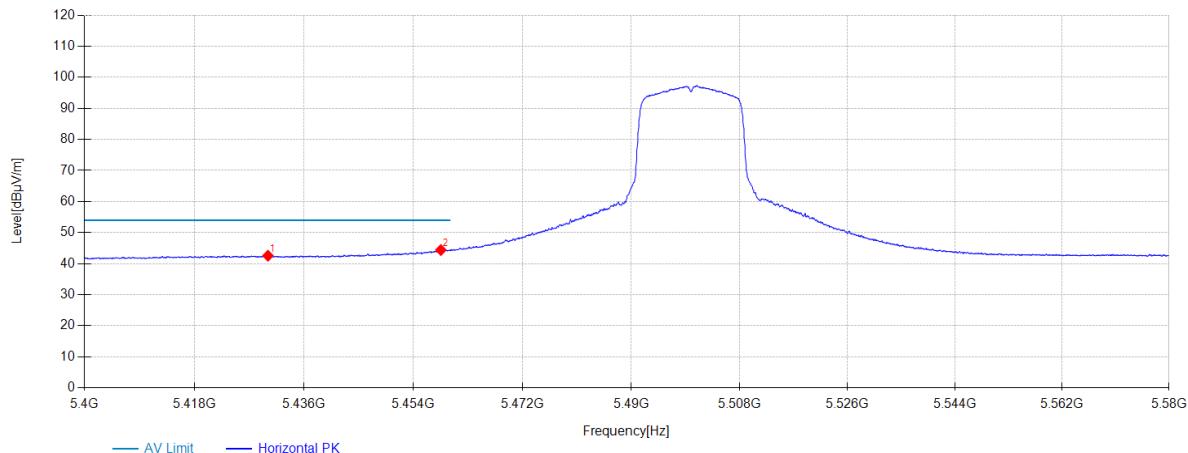
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802.11a_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5430.075	23.16	32.32	-12.93	42.55	54.00	11.45	Horizontal
2	5458.5293	25.25	32.23	-13.09	44.39	54.00	9.61	Horizontal



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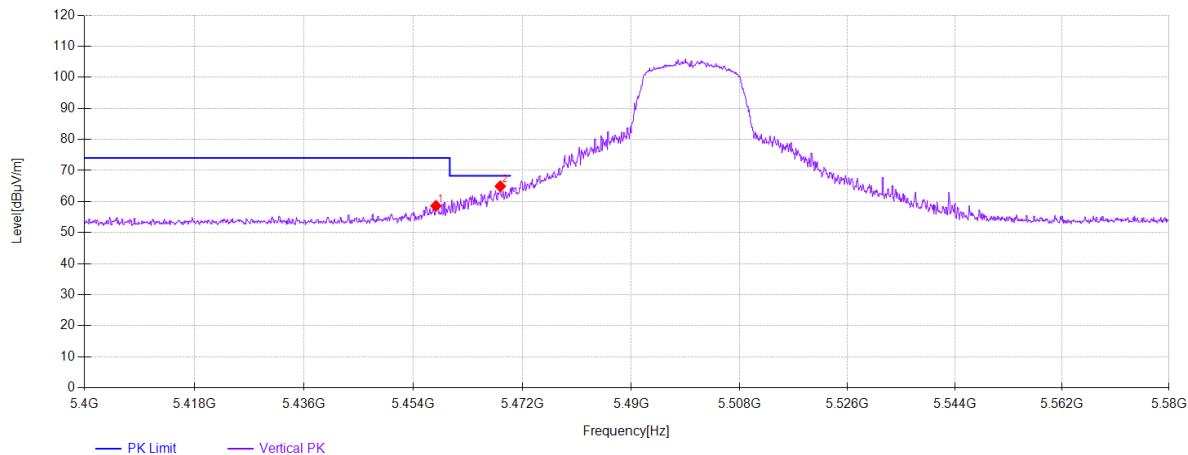
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802.11a_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5457.7189	39.46	32.23	-13.09	58.60	74.00	15.40	Vertical
2	5468.3442	45.65	32.27	-13.01	64.91	68.30	3.39	Vertical



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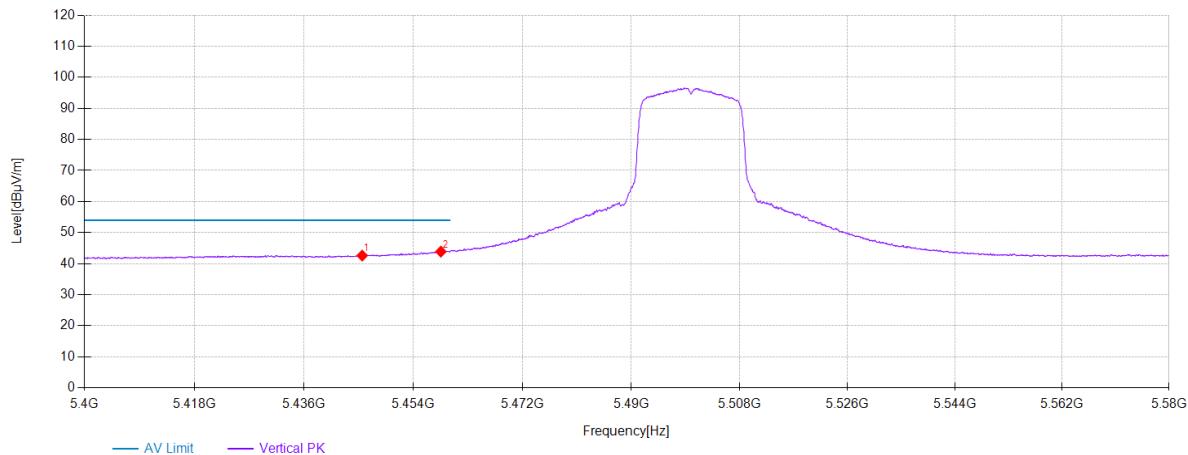
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802.11a_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5445.5628	23.48	32.23	-13.12	42.59	54.00	11.41	Vertical
2	5458.5293	24.74	32.23	-13.09	43.88	54.00	10.12	Vertical



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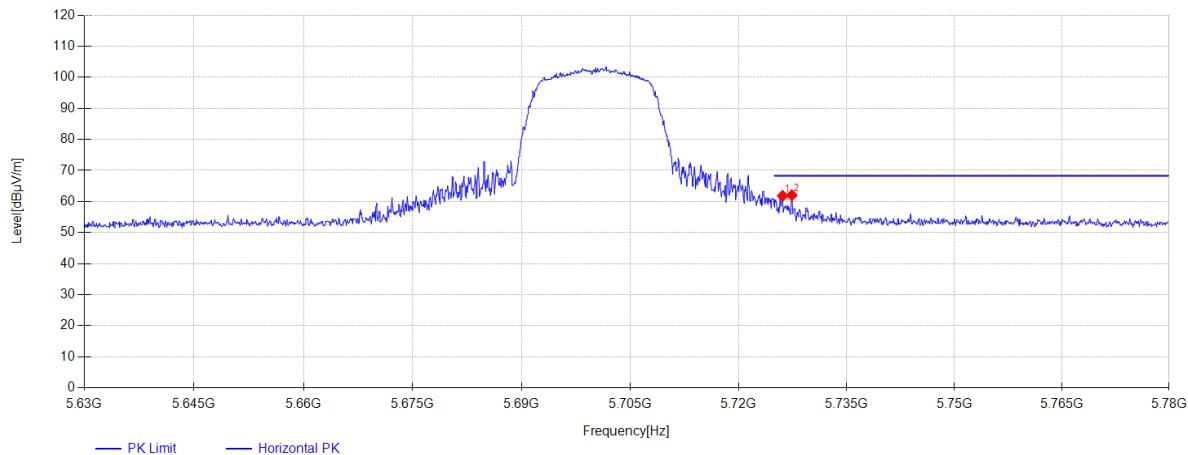
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802.11a_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5726.1231	42.47	32.50	-13.14	61.83	68.30	6.47	Horizontal
2	5727.3987	42.68	32.50	-13.13	62.05	68.30	6.25	Horizontal



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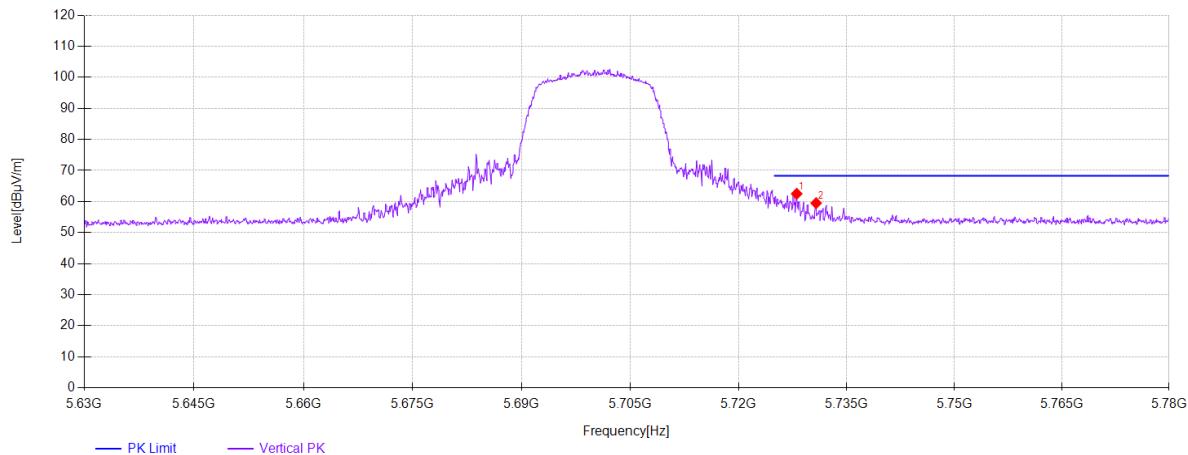
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5728.074	43.13	32.50	-13.13	62.50	68.30	5.80	Vertical
2	5730.7754	40.12	32.50	-13.13	59.49	68.30	8.81	Vertical



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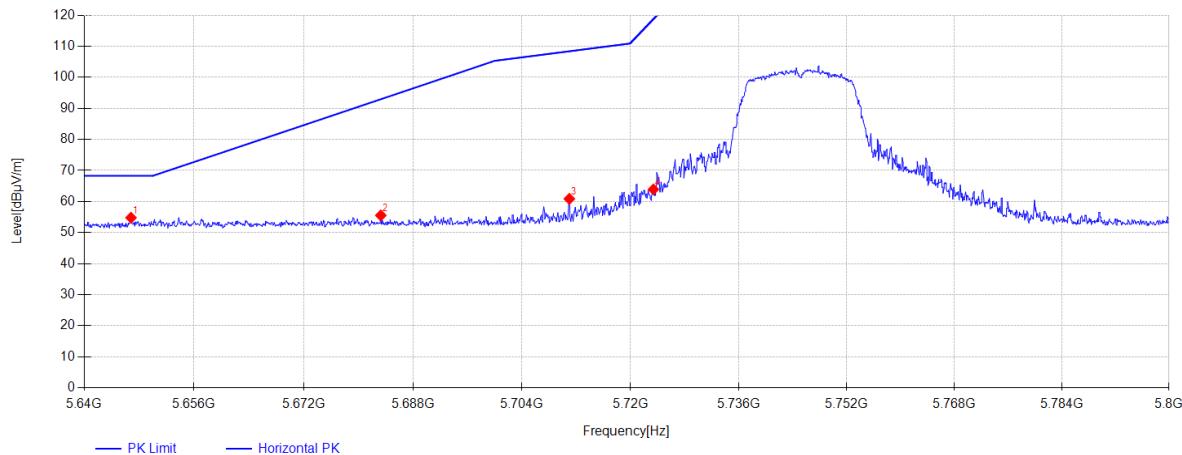
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5646.8034	35.38	32.51	-13.10	54.79	68.30	13.51	Horizontal
2	5683.3017	36.14	32.50	-13.11	55.53	92.94	37.41	Horizontal
3	5710.9955	41.53	32.50	-13.16	60.87	108.38	47.51	Horizontal
4	5723.4017	44.56	32.50	-13.15	63.91	118.66	54.75	Horizontal



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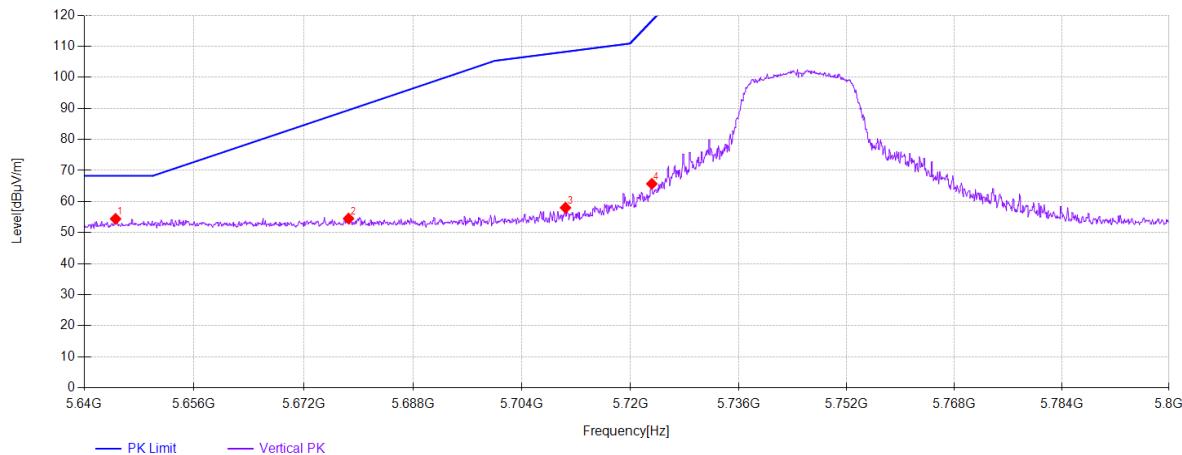
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Data List								
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1	5644.5623	35.04	32.51	-13.13	54.42	68.30	13.88	Vertical
2	5678.5793	35.11	32.50	-13.09	54.52	89.45	34.93	Vertical
3	5710.4352	38.66	32.50	-13.16	58.00	108.22	50.22	Vertical
4	5723.1616	46.36	32.50	-13.15	65.71	118.11	52.40	Vertical



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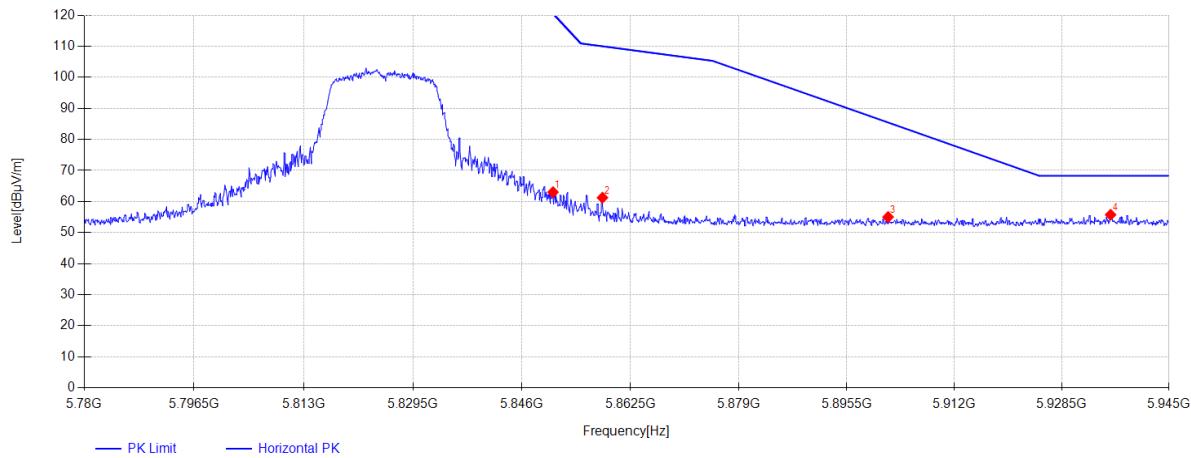
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802.11a_Channel 165



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5850.7379	43.22	32.60	-12.80	63.02	120.62	57.60	Horizontal
2	5858.2491	41.52	32.63	-12.90	61.25	109.99	48.74	Horizontal
3	5901.8309	35.11	32.80	-12.89	55.02	85.45	30.43	Horizontal
4	5936.003	35.64	32.87	-12.75	55.76	68.30	12.54	Horizontal



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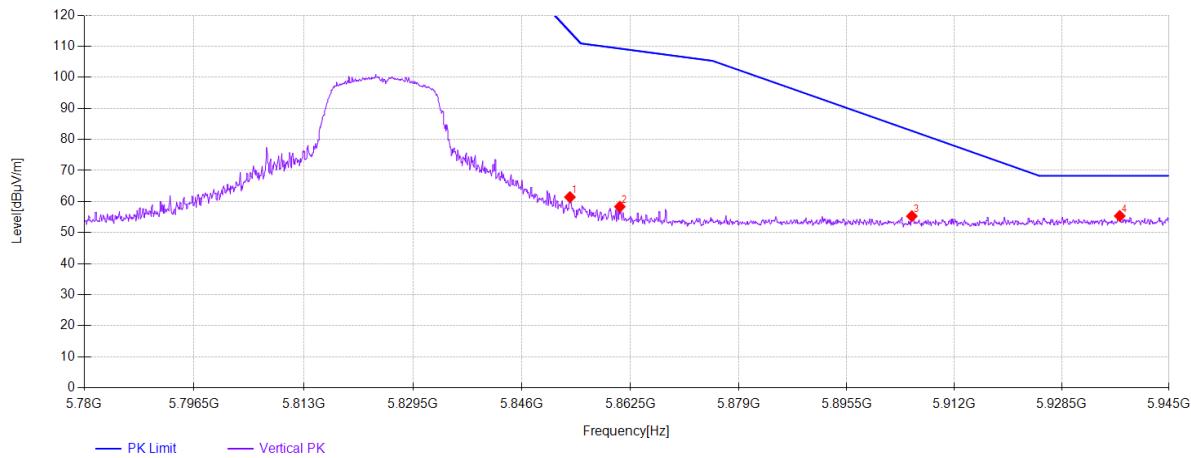
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802.11a_Channel 165



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5853.2966	41.64	32.61	-12.83	61.42	114.78	53.36	Vertical
2	5860.8904	38.64	32.64	-12.93	58.35	109.25	50.90	Vertical
3	5905.4627	35.42	32.81	-12.94	55.29	82.76	27.47	Vertical
4	5937.4062	35.24	32.87	-12.76	55.35	68.30	12.95	Vertical



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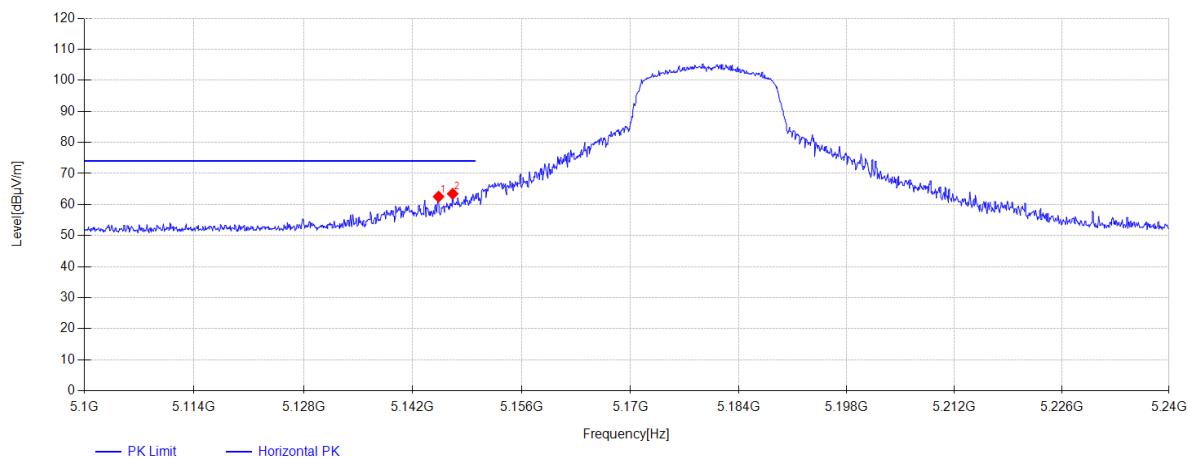
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802.11n20_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.3127	44.63	31.77	-13.85	62.55	74.00	11.45	Horizontal
2	5147.1336	45.51	31.78	-13.83	63.46	74.00	10.54	Horizontal



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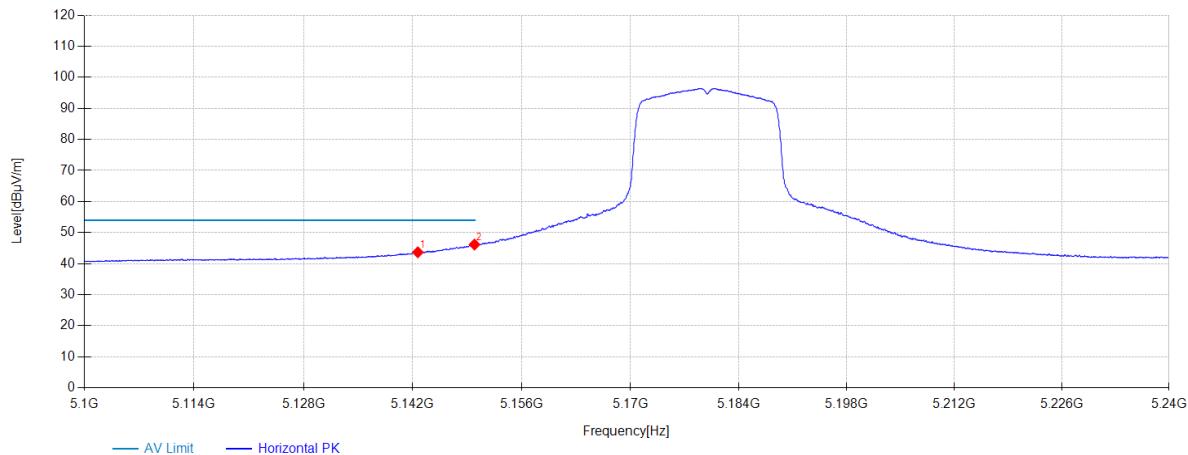
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.6513	25.81	31.76	-13.90	43.67	54.00	10.33	Horizontal
2	5149.935	28.14	31.80	-13.78	46.16	54.00	7.84	Horizontal



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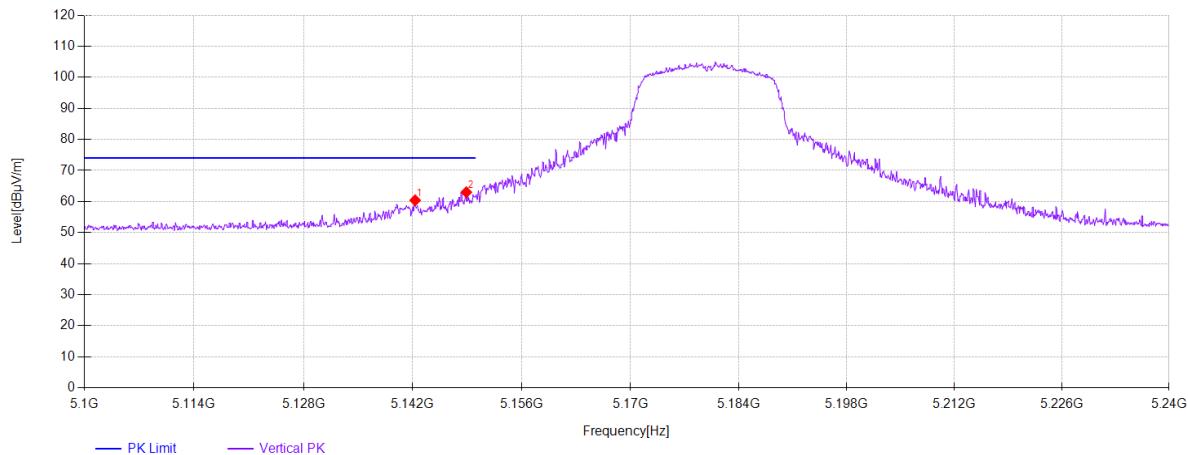
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.3012	42.55	31.75	-13.90	60.40	74.00	13.60	Vertical
2	5148.8844	45.03	31.79	-13.80	63.02	74.00	10.98	Vertical



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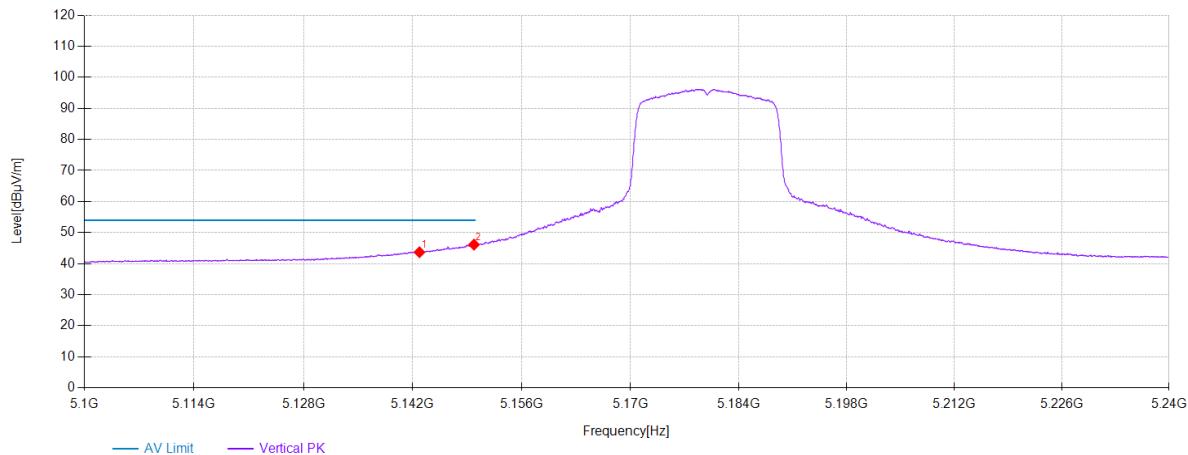
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5142.8614	25.82	31.76	-13.89	43.69	54.00	10.31	Vertical
2	5149.8649	28.10	31.80	-13.78	46.12	54.00	7.88	Vertical



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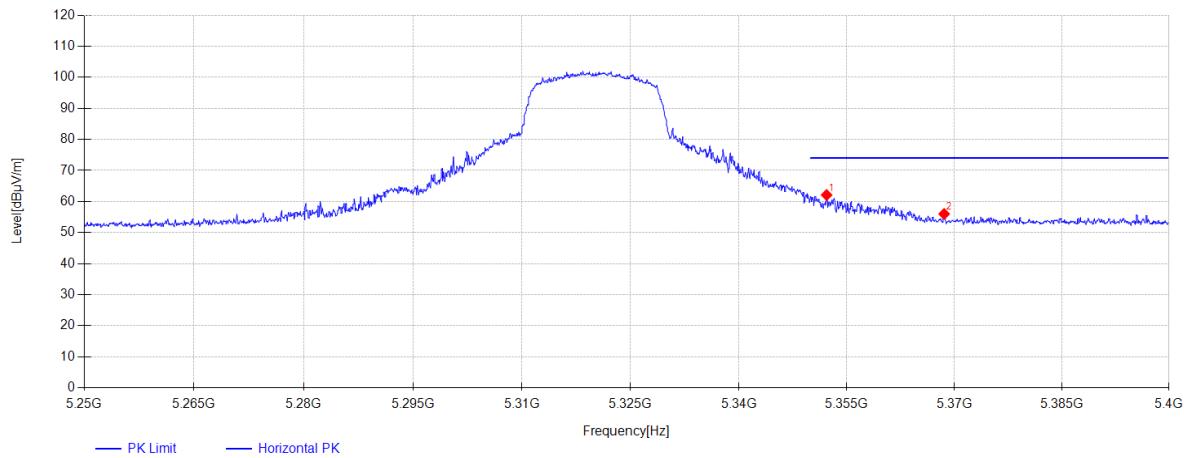
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802.11n20_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5352.2011	42.92	32.21	-13.02	62.11	74.00	11.89	Horizontal
2	5368.5593	36.76	32.31	-13.06	56.01	74.00	17.99	Horizontal



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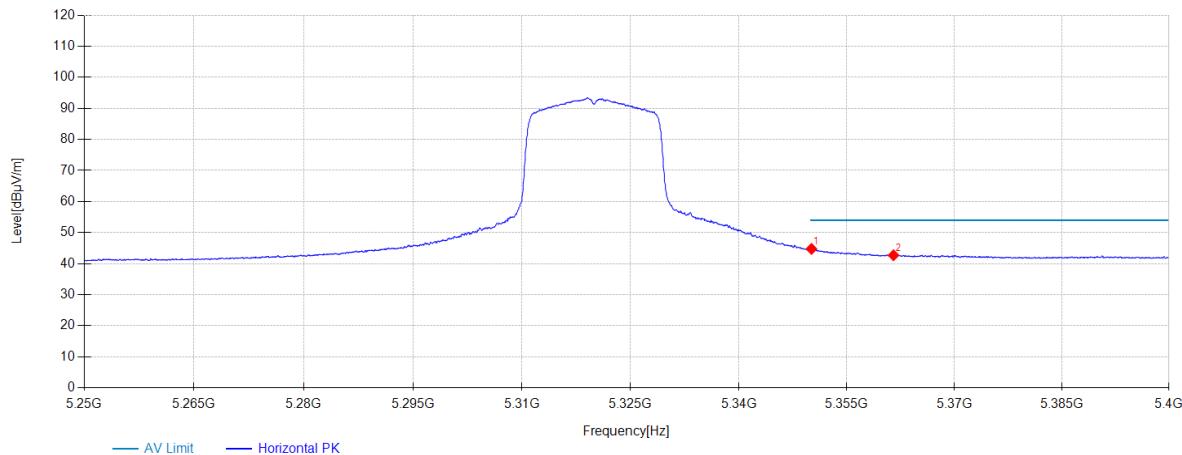
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.1	25.52	32.20	-12.97	44.75	54.00	9.25	Horizontal
2	5361.5058	23.58	32.27	-13.16	42.69	54.00	11.31	Horizontal



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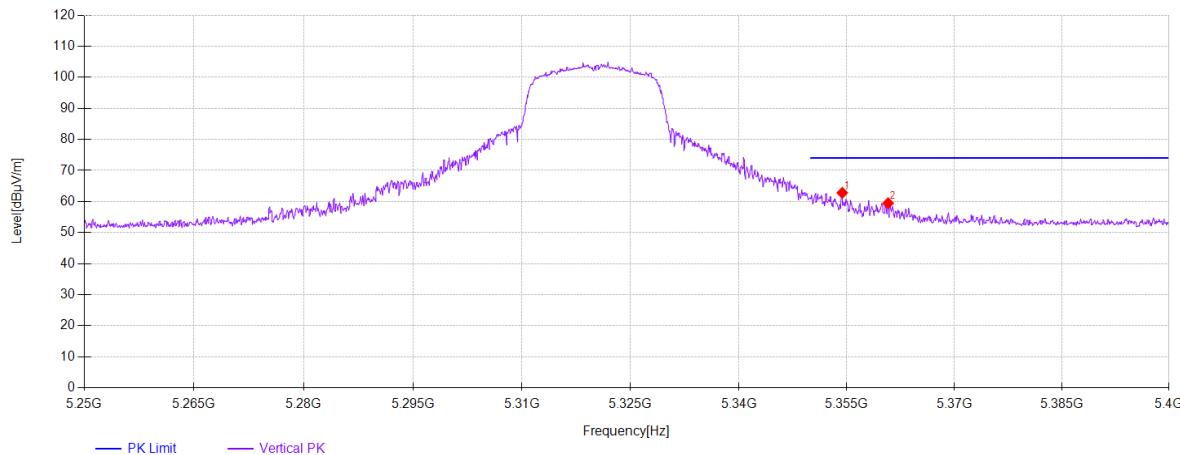
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5354.3772	43.64	32.23	-13.06	62.81	74.00	11.19	Vertical
2	5360.7554	40.39	32.26	-13.17	59.48	74.00	14.52	Vertical



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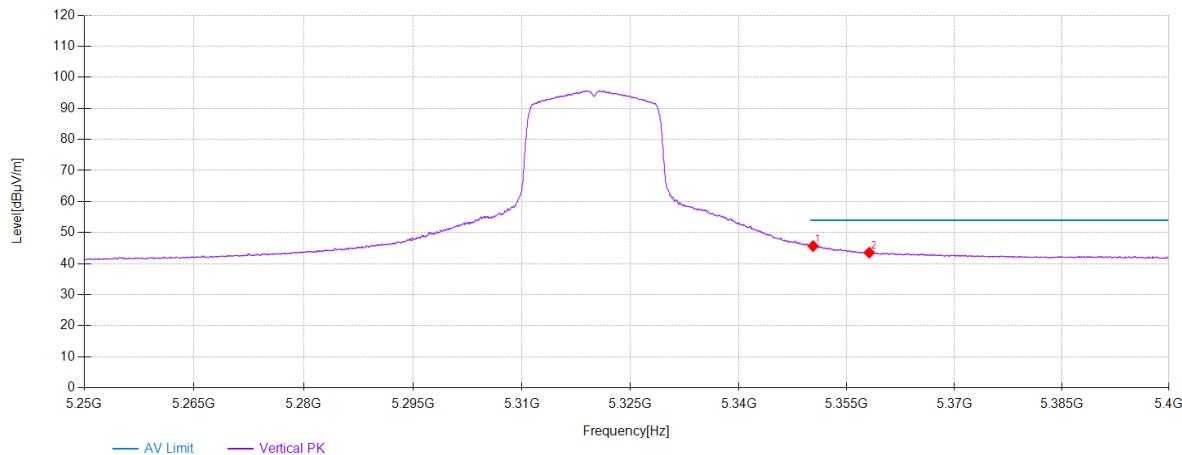
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.3252	26.43	32.20	-12.98	45.65	54.00	8.35	Vertical
2	5358.1291	24.43	32.25	-13.14	43.54	54.00	10.46	Vertical



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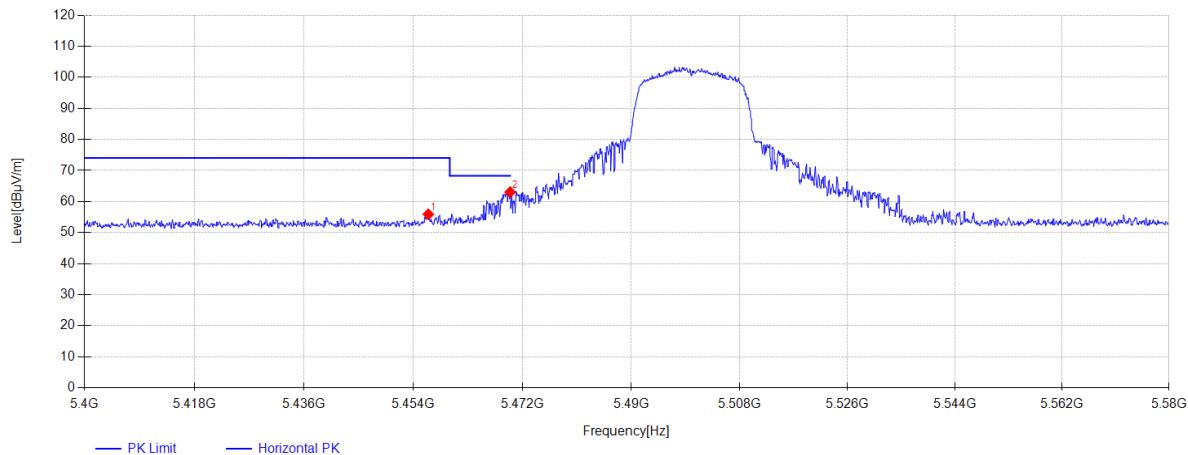
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802.11n20_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.4582	36.75	32.23	-13.09	55.89	74.00	18.11	Horizontal
2	5469.965	43.75	32.28	-13.00	63.03	68.30	5.27	Horizontal



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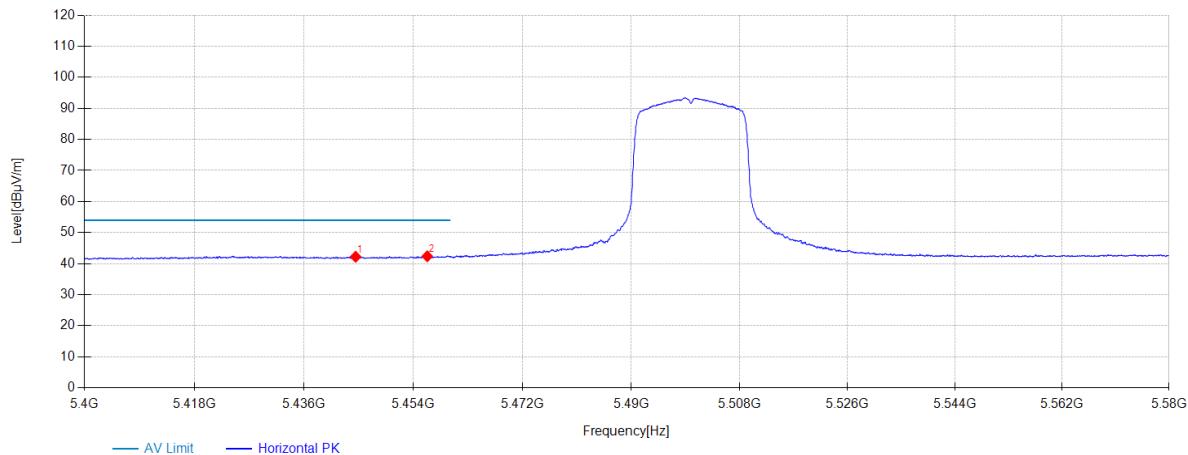
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Report No.: SEWM2312000491RG04
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802.11n20_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5444.4822	23.13	32.23	-13.13	42.23	54.00	11.77	Horizontal
2	5456.2781	23.24	32.23	-13.09	42.38	54.00	11.62	Horizontal



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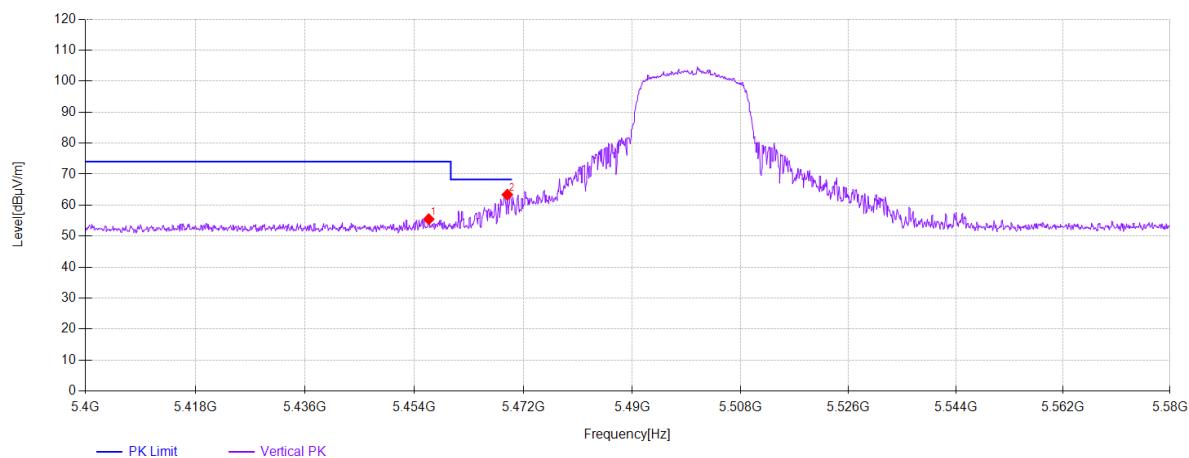
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802.11n20_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5456.3682	36.33	32.23	-13.09	55.47	74.00	18.53	Vertical
2	5469.3347	44.10	32.28	-13.01	63.37	68.30	4.93	Vertical



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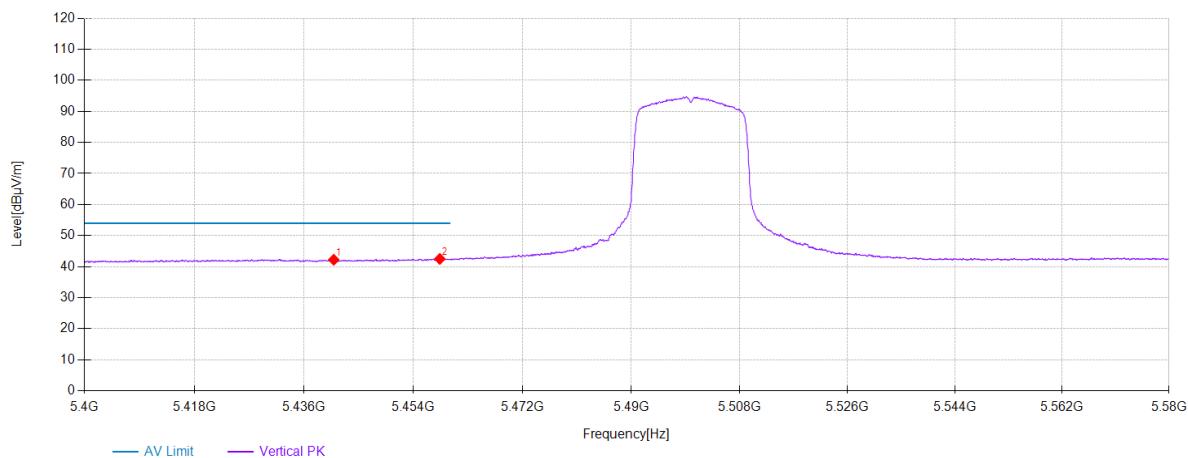
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802.11n20_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5440.8804	23.13	32.25	-13.15	42.23	54.00	11.77	Vertical
2	5458.3492	23.35	32.23	-13.09	42.49	54.00	11.51	Vertical



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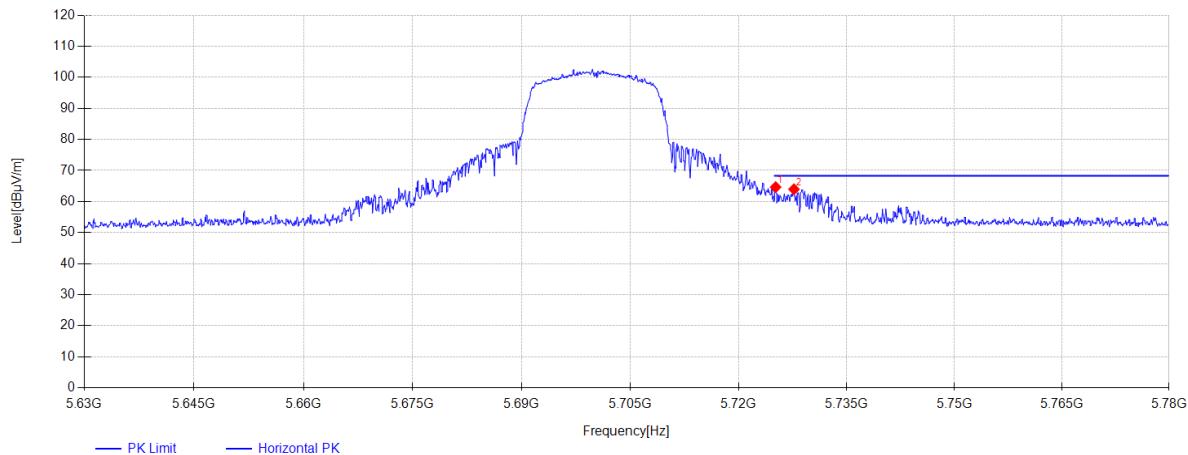
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802.11n20_Channel 140

Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5725.1476	45.28	32.50	-13.14	64.64	68.30	3.66	Horizontal
2	5727.6988	44.58	32.50	-13.13	63.95	68.30	4.35	Horizontal



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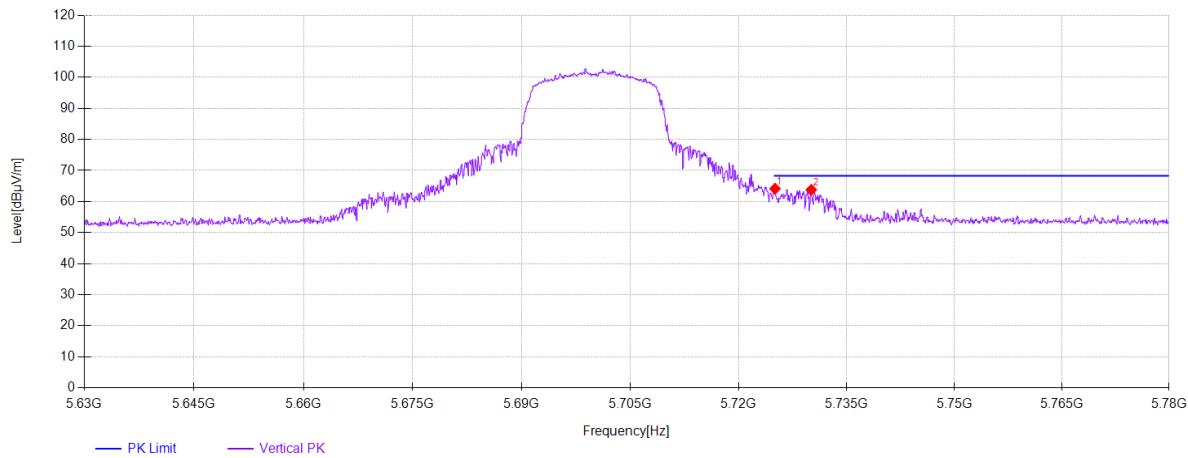
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802.11n20_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5725.0725	44.77	32.50	-13.14	64.13	68.30	4.17	Vertical
2	5730.1	44.41	32.50	-13.12	63.79	68.30	4.51	Vertical



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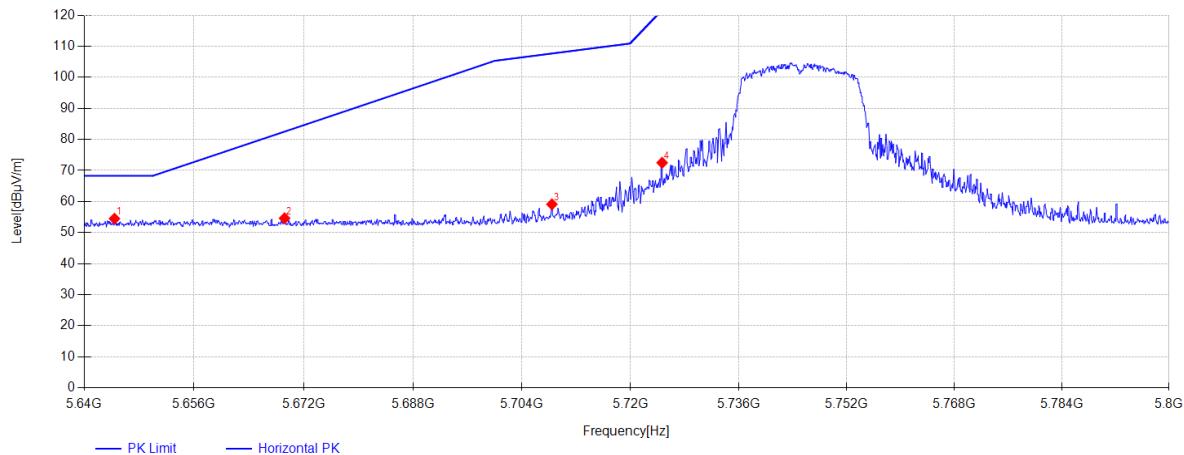
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802.11n20_Channel 149



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5644.4022	35.10	32.51	-13.13	54.48	68.30	13.82	Horizontal
2	5669.2146	35.39	32.50	-13.28	54.61	82.52	27.91	Horizontal
3	5708.4342	39.76	32.50	-13.15	59.11	107.66	48.55	Horizontal
4	5724.6823	53.13	32.50	-13.14	72.49	121.58	49.09	Horizontal



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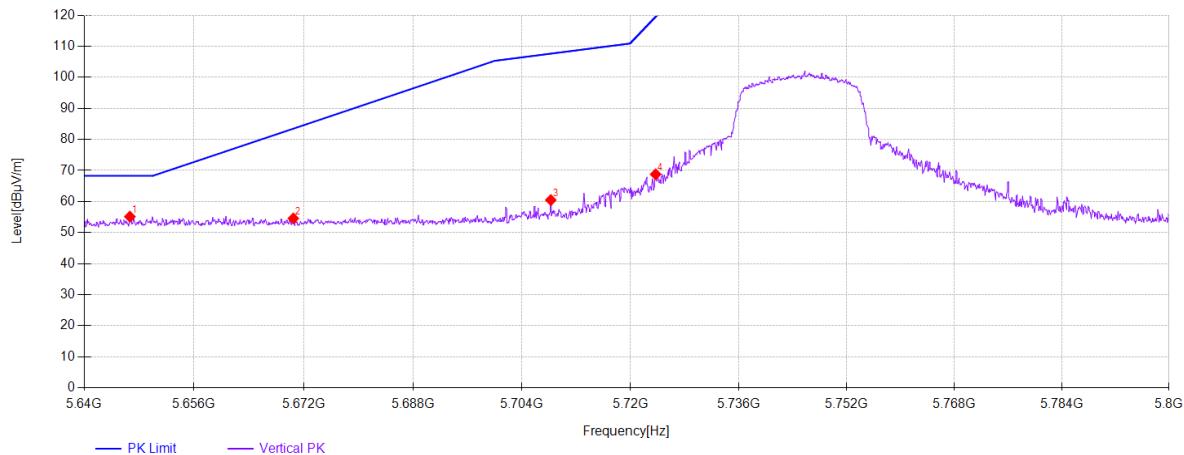
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802.11n20_Channel 149



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5646.6433	35.72	32.51	-13.10	55.13	68.30	13.17	Vertical
2	5670.4952	35.33	32.50	-13.27	54.56	83.47	28.91	Vertical
3	5708.2741	41.12	32.50	-13.15	60.47	107.62	47.15	Vertical
4	5723.7219	49.42	32.50	-13.15	68.77	119.39	50.62	Vertical



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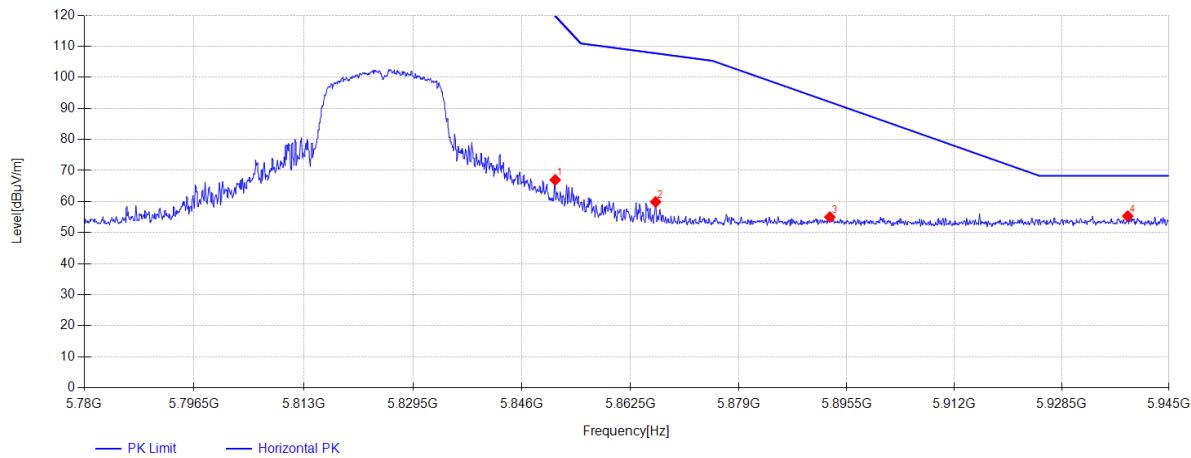
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802.11n20_Channel 165



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.068	47.16	32.60	-12.80	66.96	119.86	52.90	Horizontal
2	5866.3382	40.17	32.67	-12.96	59.88	107.73	47.85	Horizontal
3	5892.9165	35.09	32.77	-12.86	55.00	92.04	37.04	Horizontal
4	5938.6443	35.21	32.88	-12.78	55.31	68.30	12.99	Horizontal



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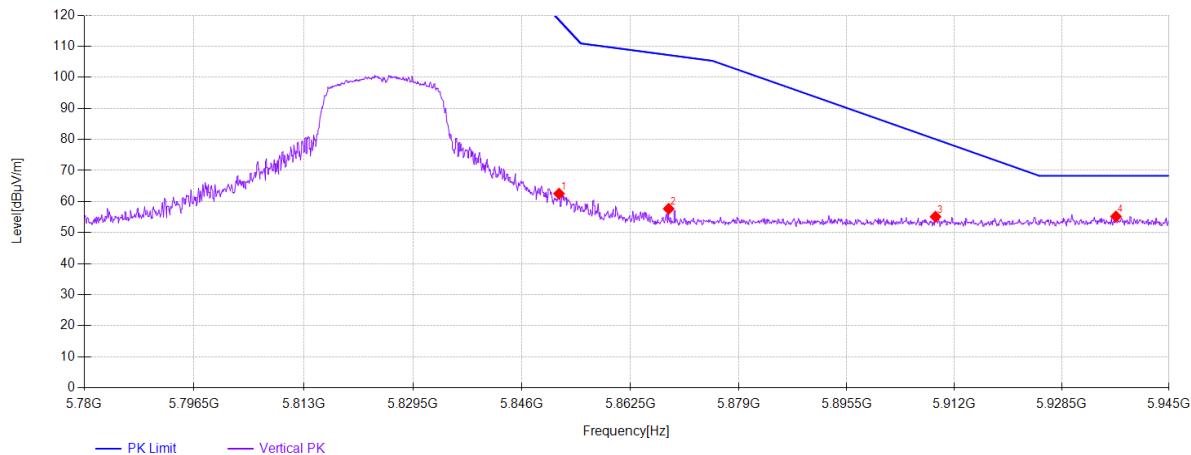
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.6458	42.74	32.61	-12.81	62.54	118.55	56.01	Vertical
2	5868.3192	37.97	32.67	-12.98	57.66	107.17	49.51	Vertical
3	5909.0945	35.28	32.82	-12.99	55.11	80.07	24.96	Vertical
4	5936.8284	35.08	32.87	-12.76	55.19	68.30	13.11	Vertical



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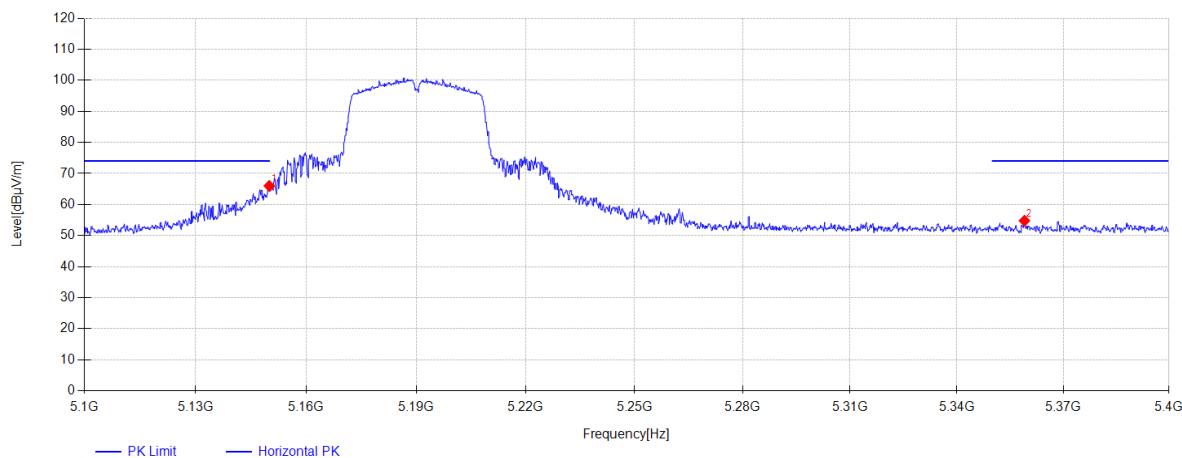
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802.11n40_Channel 38



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.975	47.97	31.80	-13.78	65.99	74.00	8.01	Horizontal
2	5359.0295	35.70	32.25	-13.16	54.79	74.00	19.21	Horizontal



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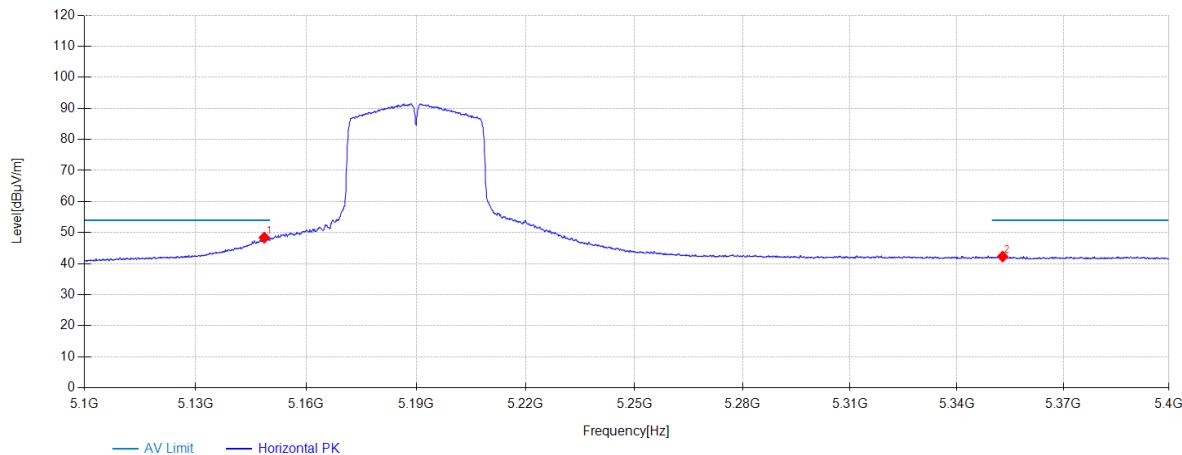
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5148.6243	30.39	31.79	-13.80	48.38	54.00	5.62	Horizontal
2	5352.8764	23.11	32.22	-13.03	42.30	54.00	11.70	Horizontal



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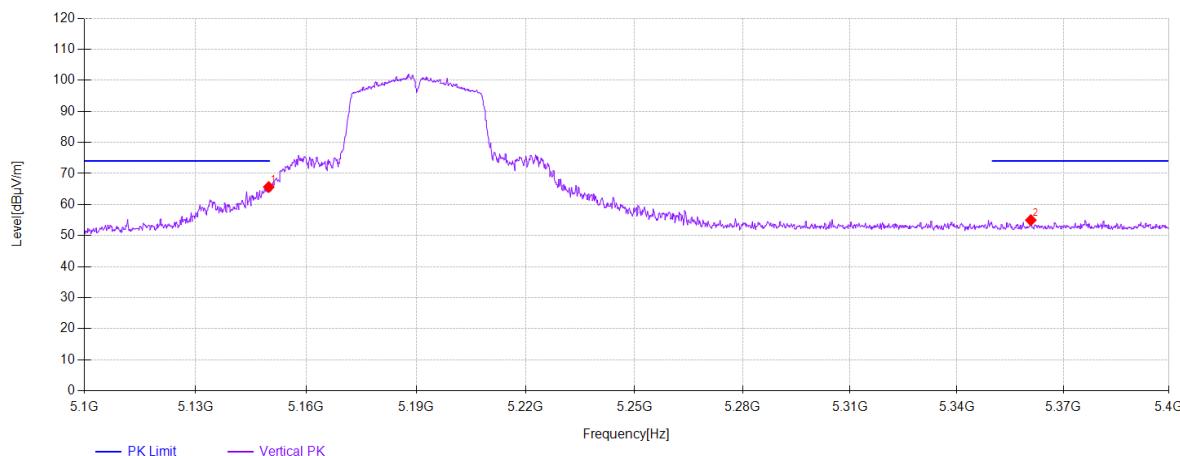
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.8249	47.62	31.80	-13.78	65.64	74.00	8.36	Vertical
2	5360.8304	35.89	32.26	-13.17	54.98	74.00	19.02	Vertical



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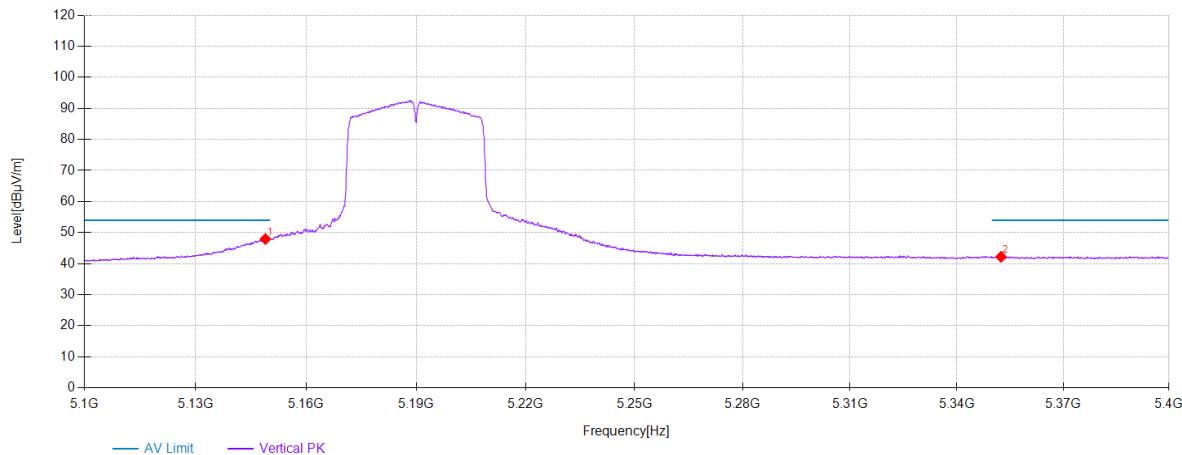
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5148.9245	29.94	31.79	-13.80	47.93	54.00	6.07	Vertical
2	5352.4262	23.02	32.21	-13.02	42.21	54.00	11.79	Vertical



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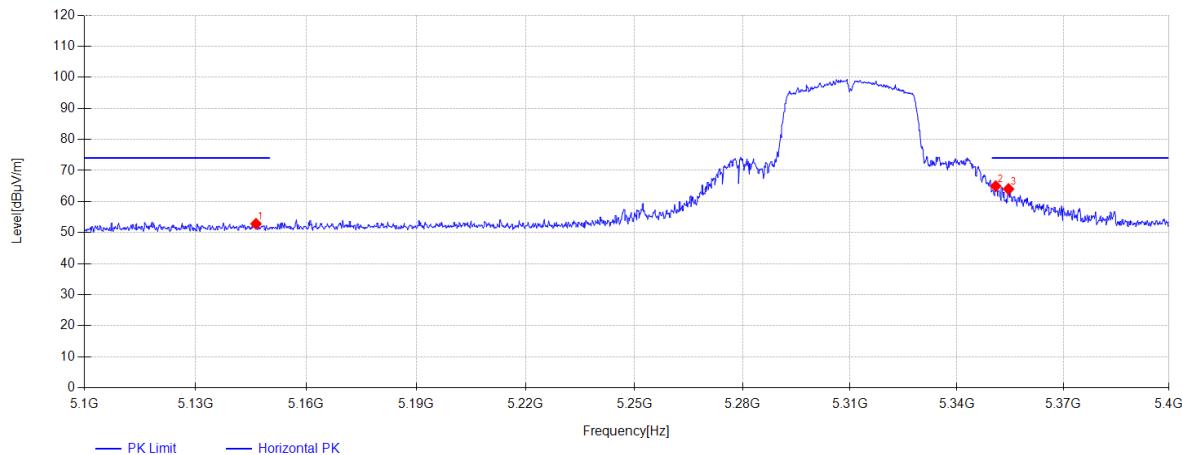
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.3732	34.89	31.78	-13.84	52.83	74.00	21.17	Horizontal
2	5350.9255	45.74	32.21	-12.99	64.96	74.00	9.04	Horizontal
3	5354.5273	44.86	32.23	-13.07	64.02	74.00	9.98	Horizontal

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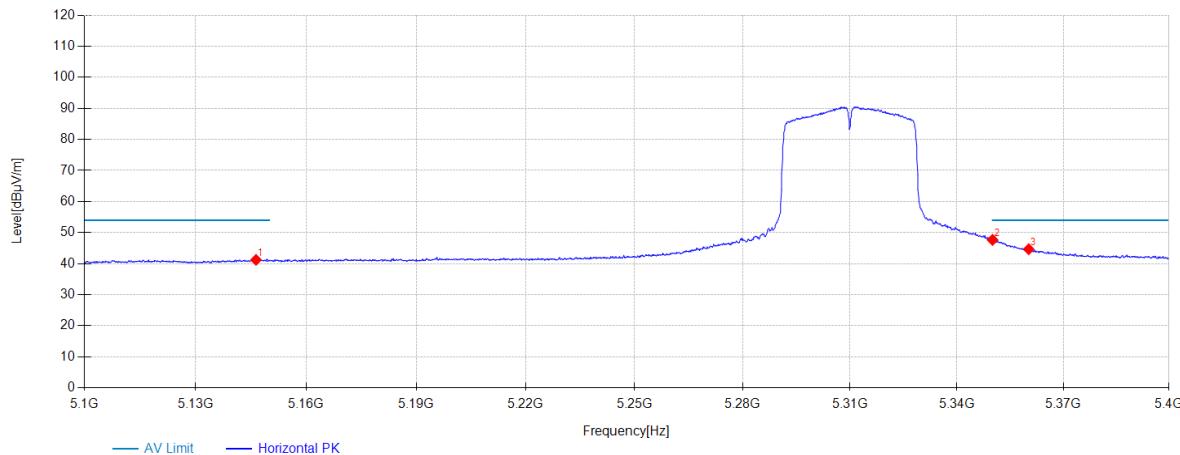
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.3732	23.28	31.78	-13.84	41.22	54.00	12.78	Horizontal
2	5350.025	28.43	32.20	-12.97	47.66	54.00	6.34	Horizontal
3	5360.2301	25.58	32.26	-13.18	44.66	54.00	9.34	Horizontal



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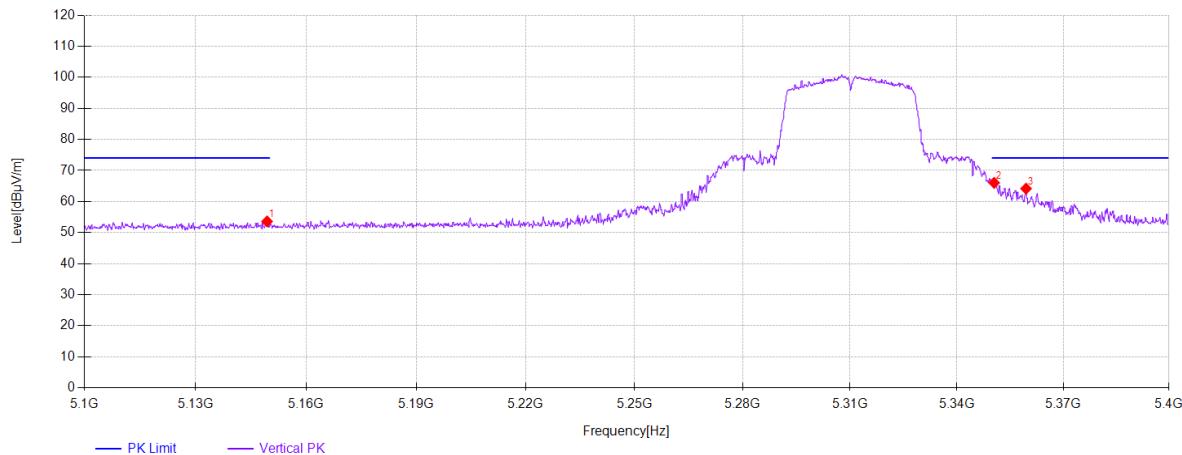
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.3747	35.58	31.80	-13.79	53.59	74.00	20.41	Vertical
2	5350.4752	46.81	32.20	-12.98	66.03	74.00	7.97	Vertical
3	5359.4797	45.08	32.26	-13.17	64.17	74.00	9.83	Vertical



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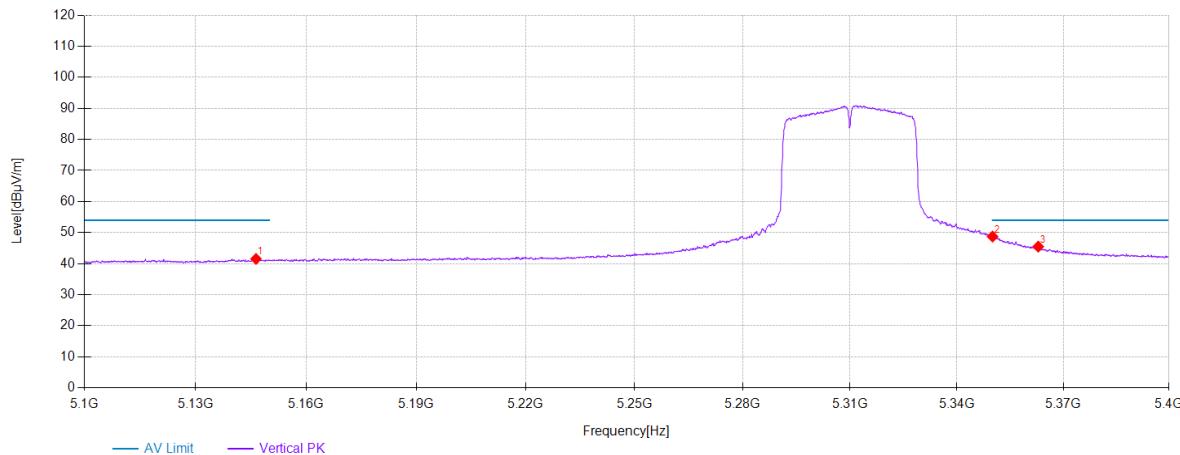
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.3732	23.58	31.78	-13.84	41.52	54.00	12.48	Vertical
2	5350.025	29.50	32.20	-12.97	48.73	54.00	5.27	Vertical
3	5362.9315	26.35	32.28	-13.14	45.49	54.00	8.51	Vertical



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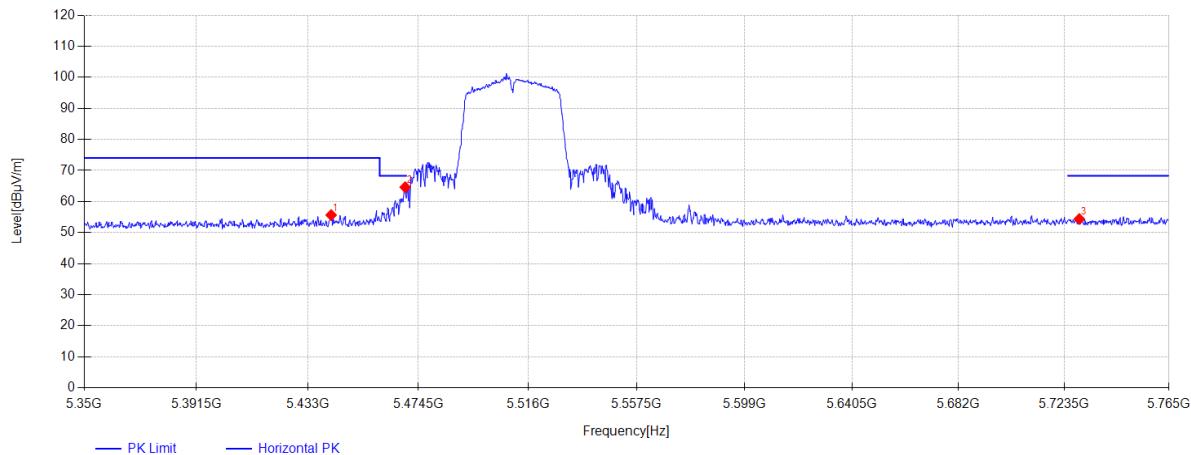
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5441.7609	36.54	32.25	-13.15	55.64	74.00	18.36	Horizontal
2	5469.5798	45.33	32.28	-13.00	64.61	68.30	3.69	Horizontal
3	5729.4998	35.00	32.50	-13.12	54.38	68.30	13.92	Horizontal



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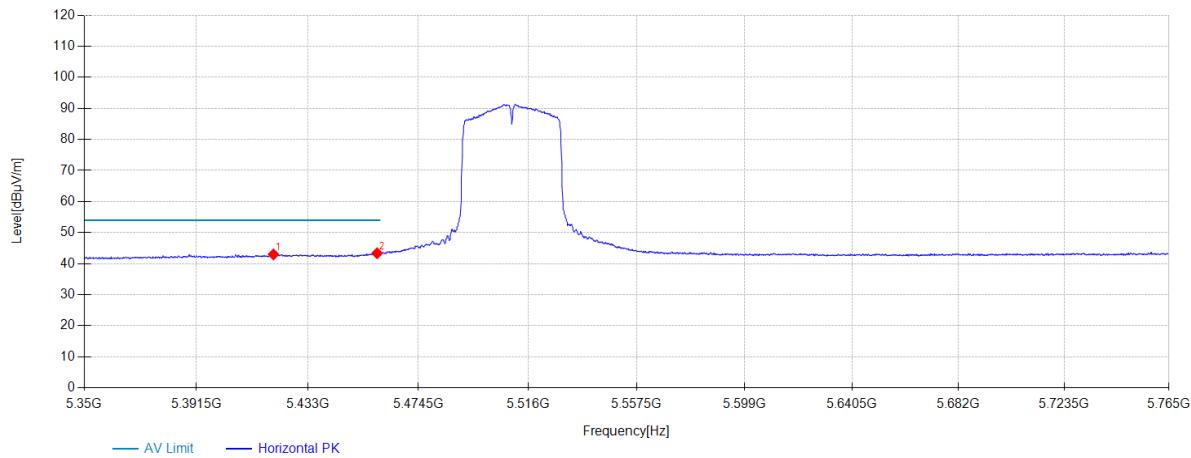
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5420.1701	23.63	32.38	-13.03	42.98	54.00	11.02	Horizontal
2	5458.992	24.20	32.24	-13.09	43.35	54.00	10.65	Horizontal



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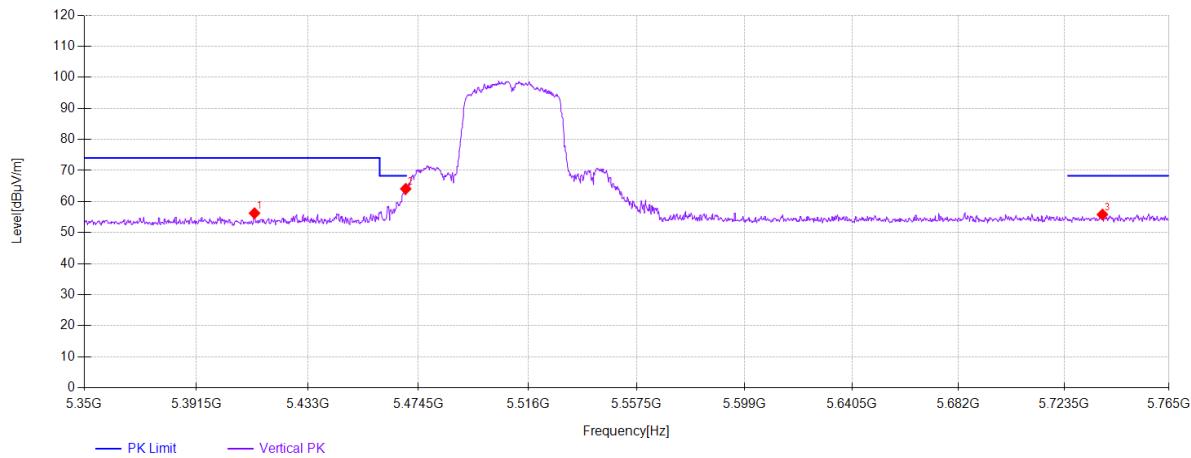
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Data List								
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1	5413.1116	36.99	32.42	-13.16	56.25	74.00	17.75	Vertical
2	5469.7874	44.82	32.28	-13.00	64.10	68.30	4.20	Vertical
3	5738.6343	36.52	32.50	-13.21	55.81	68.30	12.49	Vertical



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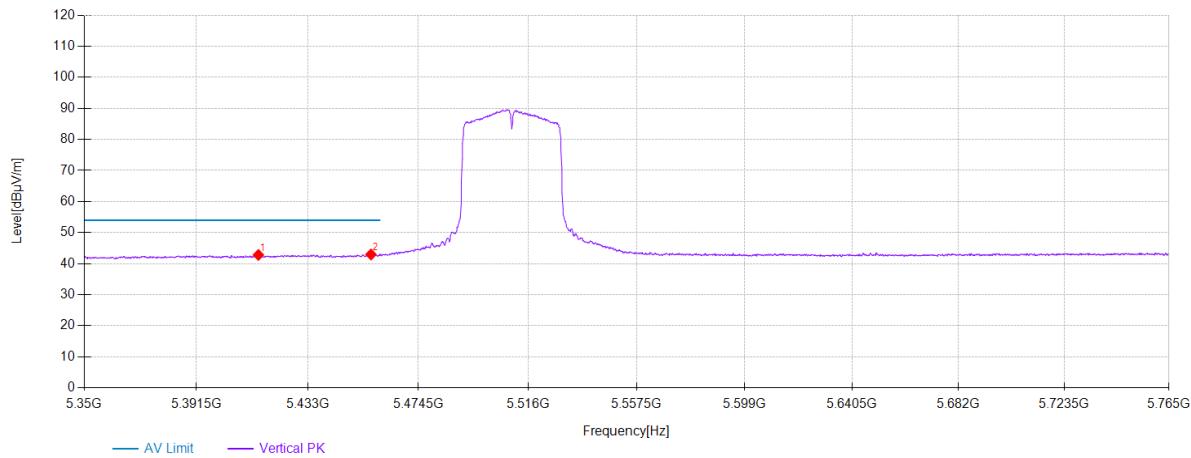
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802.11n40_Channel 102



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5414.5648	23.53	32.41	-13.13	42.81	54.00	11.19	Vertical
2	5456.7084	23.82	32.23	-13.09	42.96	54.00	11.04	Vertical



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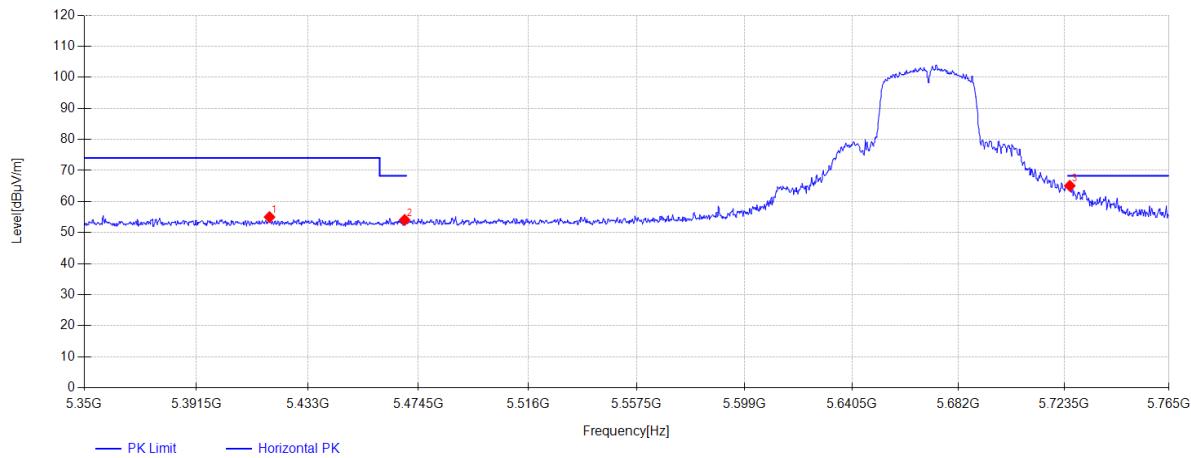
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5418.7169	35.66	32.39	-13.05	55.00	74.00	19.00	Horizontal
2	5469.3722	34.81	32.28	-13.01	54.08	68.30	14.22	Horizontal
3	5725.7629	45.71	32.50	-13.14	65.07	68.30	3.23	Horizontal



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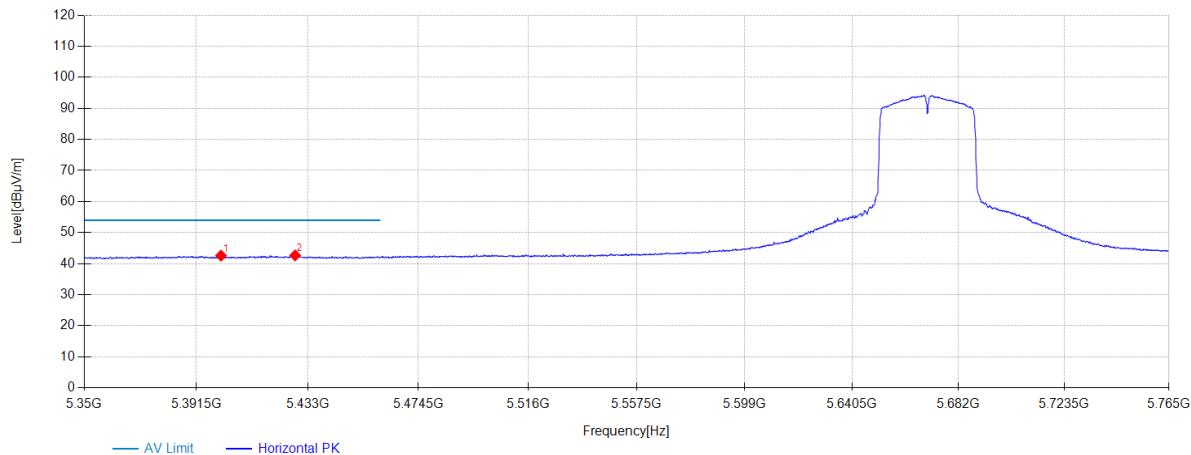
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5400.6553	23.36	32.50	-13.28	42.58	54.00	11.42	Horizontal
2	5428.2666	23.29	32.33	-12.95	42.67	54.00	11.33	Horizontal



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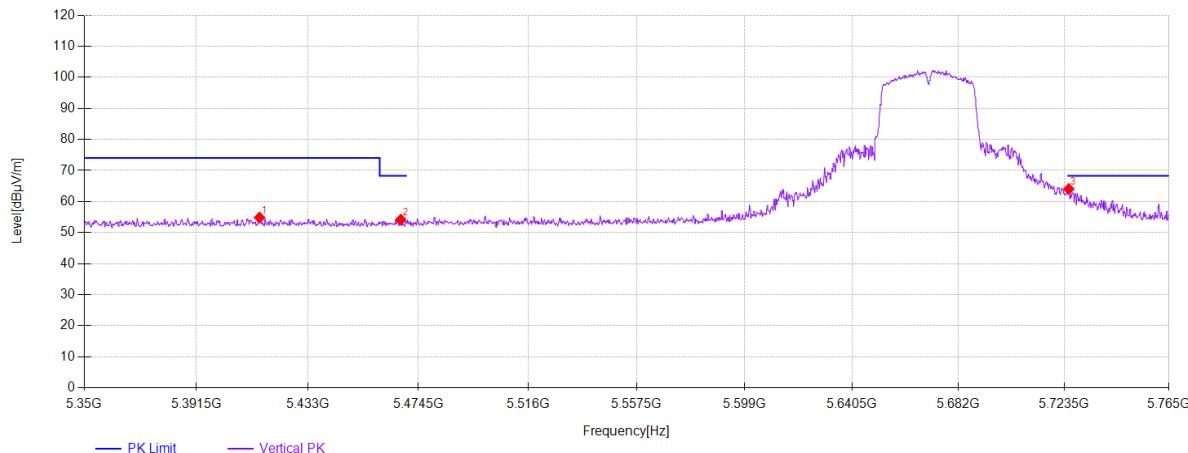
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5414.98	35.55	32.41	-13.13	54.83	74.00	19.17	Vertical
2	5467.919	34.93	32.27	-13.02	54.18	68.30	14.12	Vertical
3	5725.3477	44.68	32.50	-13.14	64.04	68.30	4.26	Vertical



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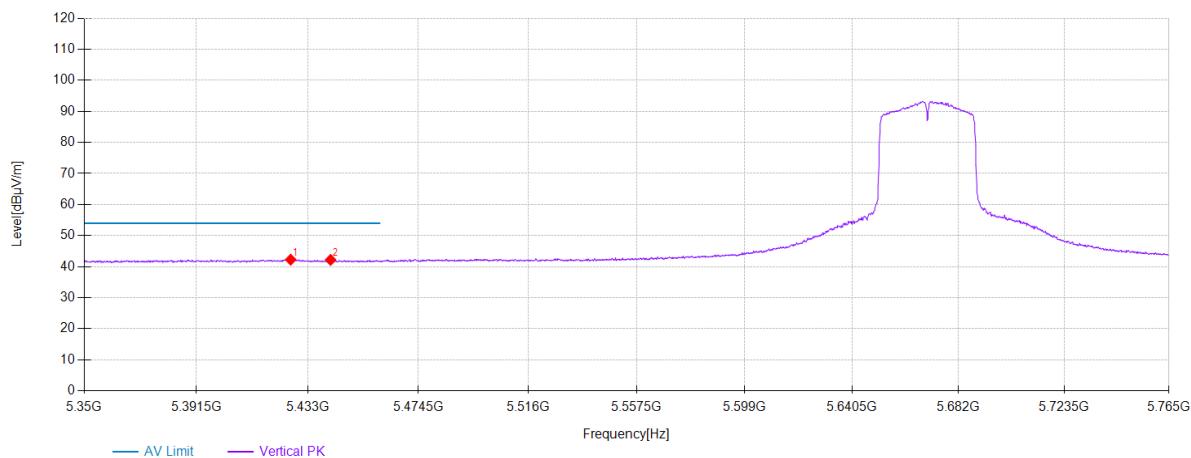
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5426.6058	22.88	32.34	-12.96	42.26	54.00	11.74	Vertical
2	5441.5533	23.08	32.25	-13.15	42.18	54.00	11.82	Vertical



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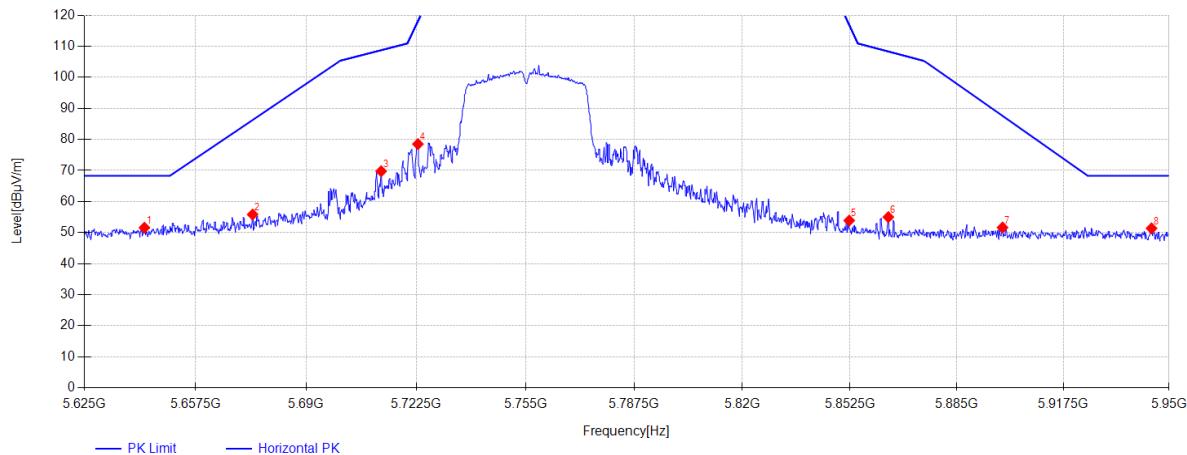
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.5588	32.22	32.51	-13.16	51.57	68.30	16.73	Horizontal
2	5674.2621	36.52	32.50	-13.19	55.83	86.25	30.42	Horizontal
3	5712.1436	50.42	32.50	-13.16	69.76	108.70	38.94	Horizontal
4	5723.0365	59.16	32.50	-13.15	78.51	117.82	39.31	Horizontal
5	5852.2886	34.10	32.61	-12.82	53.89	117.08	63.19	Horizontal
6	5864.1571	35.29	32.66	-12.95	55.00	108.34	53.34	Horizontal
7	5898.9495	31.70	32.80	-12.86	51.64	87.58	35.94	Horizontal
8	5944.6348	31.38	32.89	-12.90	51.37	68.30	16.93	Horizontal

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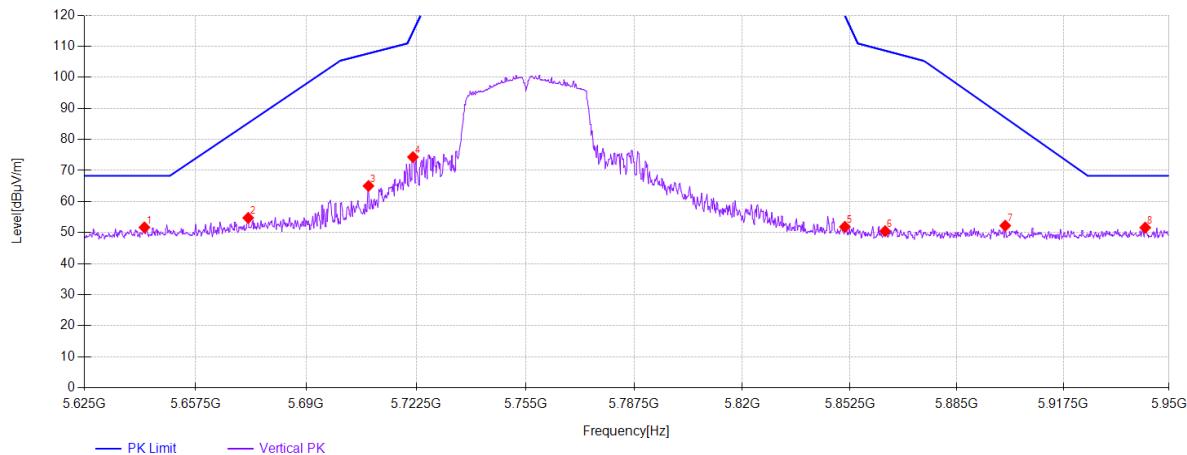
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.5588	32.32	32.51	-13.16	51.67	68.30	16.63	Vertical
2	5672.9615	35.45	32.50	-13.21	54.74	85.29	30.55	Vertical
3	5708.4042	45.67	32.50	-13.15	65.02	107.65	42.63	Vertical
4	5721.5733	54.97	32.50	-13.15	74.32	114.49	40.17	Vertical
5	5850.988	32.06	32.60	-12.80	51.86	120.05	68.19	Vertical
6	5863.1816	30.76	32.65	-12.94	50.47	108.61	58.14	Vertical
7	5899.7624	32.28	32.80	-12.86	52.22	86.98	34.76	Vertical
8	5942.6838	31.57	32.89	-12.85	51.61	68.30	16.69	Vertical



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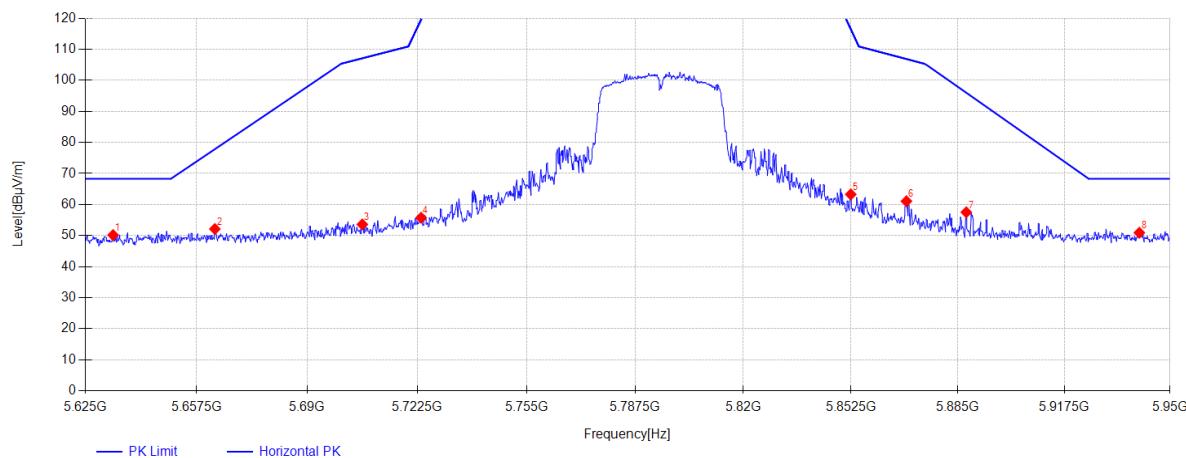
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5633.1291	30.88	32.53	-13.24	50.17	68.30	18.13	Horizontal
2	5662.8814	32.89	32.50	-13.26	52.13	77.83	25.70	Horizontal
3	5706.2906	34.22	32.50	-13.13	53.59	107.06	53.47	Horizontal
4	5723.6868	36.41	32.50	-13.15	55.76	119.31	63.55	Horizontal
5	5852.4512	43.49	32.61	-12.82	63.28	116.71	53.43	Horizontal
6	5869.3597	41.38	32.68	-12.99	61.07	106.88	45.81	Horizontal
7	5887.5688	37.64	32.75	-12.87	57.52	96.00	38.48	Horizontal
8	5940.5703	30.85	32.88	-12.80	50.93	68.30	17.37	Horizontal



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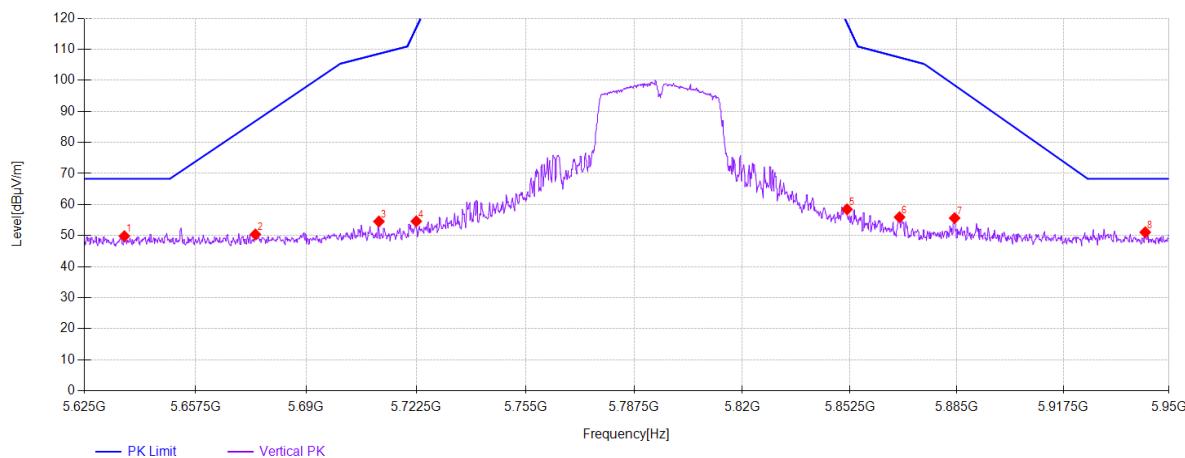
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5636.7059	30.52	32.53	-13.22	49.83	68.30	18.47	Vertical
2	5675.075	31.05	32.50	-13.17	50.38	86.86	36.48	Vertical
3	5711.4932	35.21	32.50	-13.16	54.55	108.52	53.97	Vertical
4	5722.5488	35.26	32.50	-13.15	54.61	116.71	62.10	Vertical
5	5851.6383	38.65	32.61	-12.81	58.45	118.56	60.11	Vertical
6	5867.5713	36.24	32.67	-12.97	55.94	107.38	51.44	Vertical
7	5884.3172	35.80	32.74	-12.89	55.65	98.41	42.76	Vertical
8	5942.6838	31.03	32.89	-12.85	51.07	68.30	17.23	Vertical



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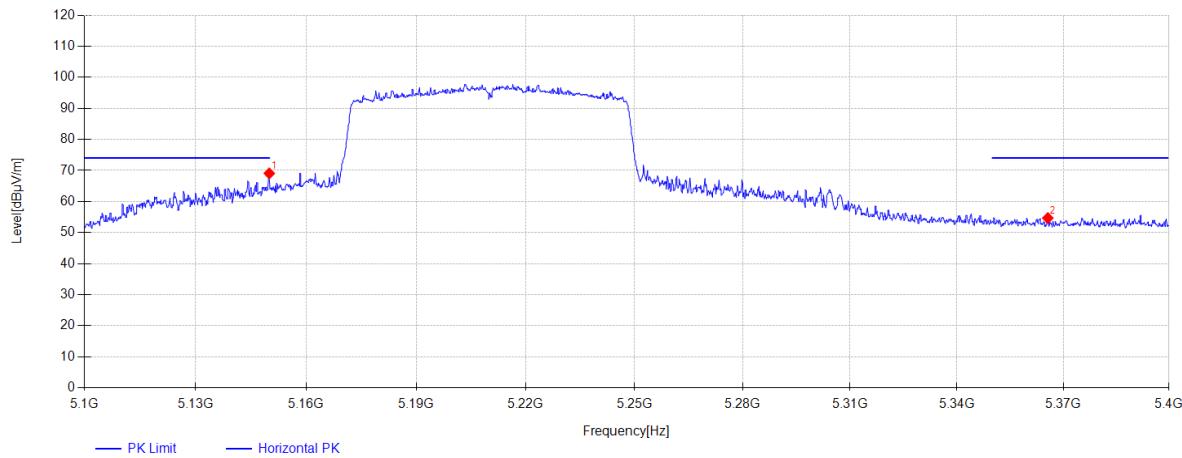
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5149.975	51.05	31.80	-13.78	69.07	74.00	4.93	Horizontal
2	5365.6328	35.49	32.29	-13.10	54.68	74.00	19.32	Horizontal



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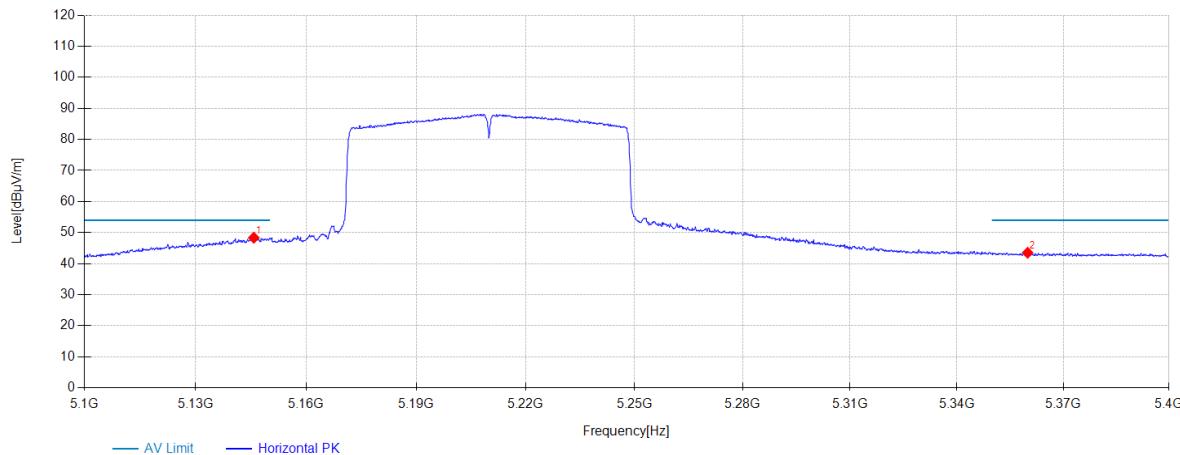
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.7729	30.42	31.77	-13.85	48.34	54.00	5.66	Horizontal
2	5359.93	24.42	32.26	-13.18	43.50	54.00	10.50	Horizontal



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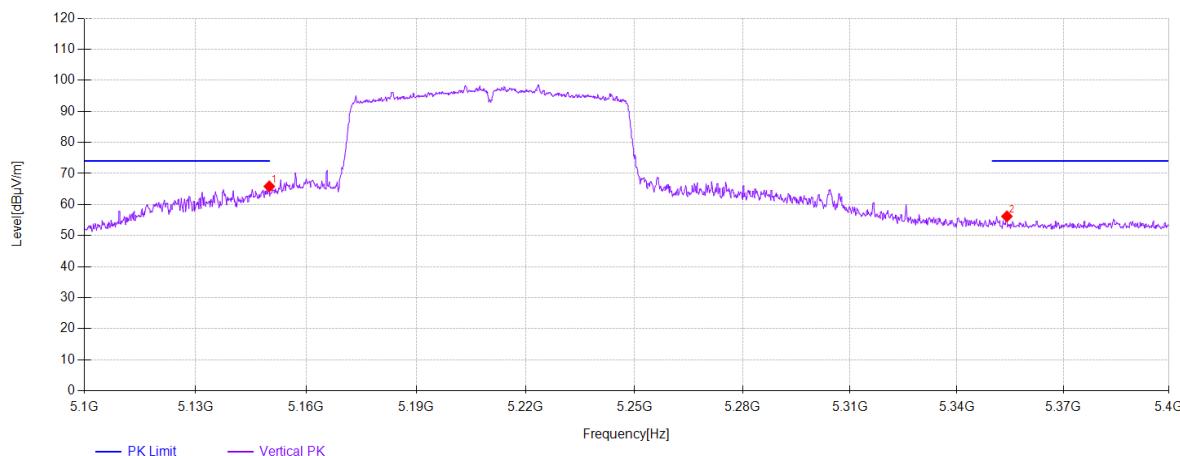
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5149.975	47.82	31.80	-13.78	65.84	74.00	8.16	Vertical
2	5354.077	37.04	32.22	-13.06	56.20	74.00	17.80	Vertical



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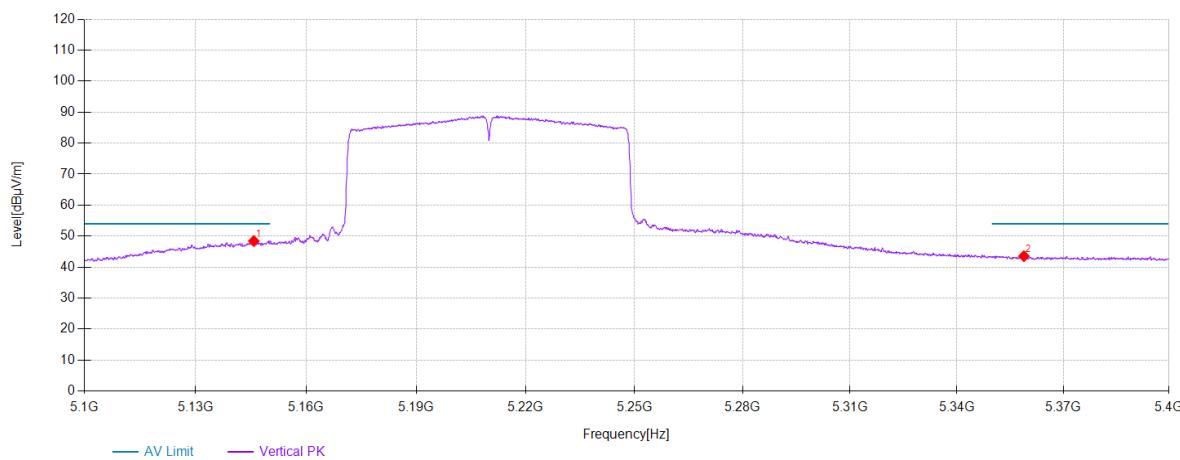
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5145.7729	30.50	31.77	-13.85	48.42	54.00	5.58	Vertical
2	5358.8794	24.44	32.25	-13.16	43.53	54.00	10.47	Vertical



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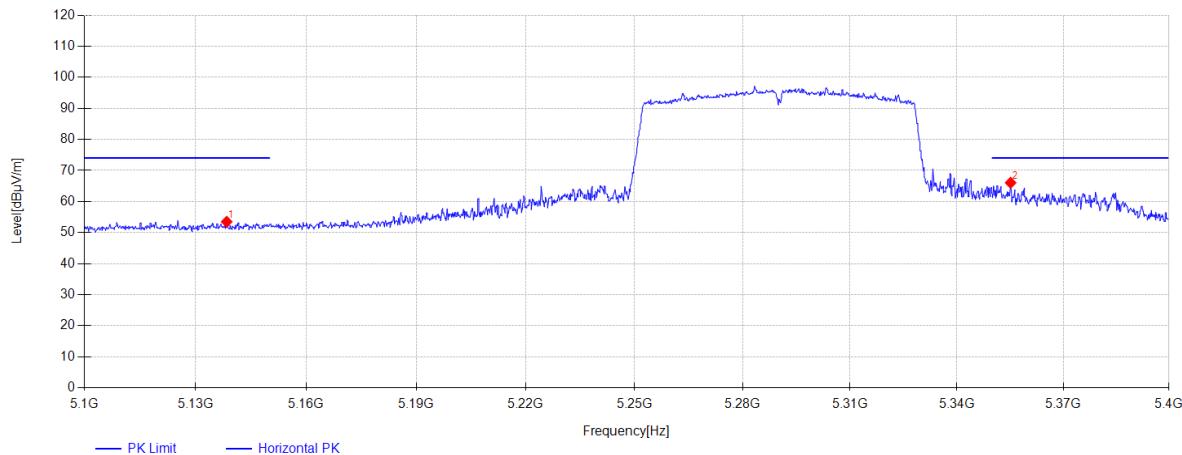
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5138.4192	35.74	31.73	-13.98	53.49	74.00	20.51	Horizontal
2	5355.1276	46.90	32.23	-13.08	66.05	74.00	7.95	Horizontal



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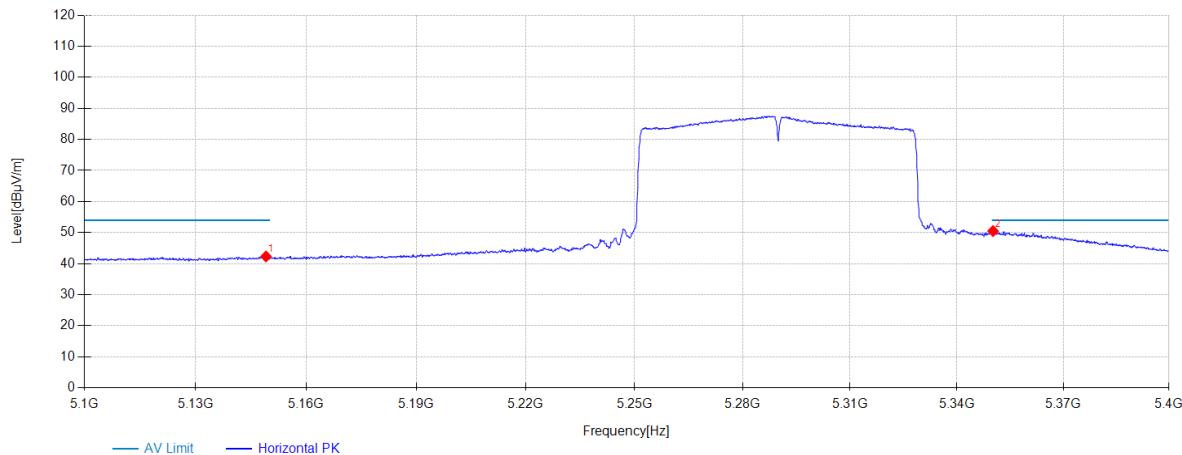
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5149.0745	24.32	31.79	-13.79	42.32	54.00	11.68	Horizontal
2	5350.1751	31.27	32.20	-12.97	50.50	54.00	3.50	Horizontal



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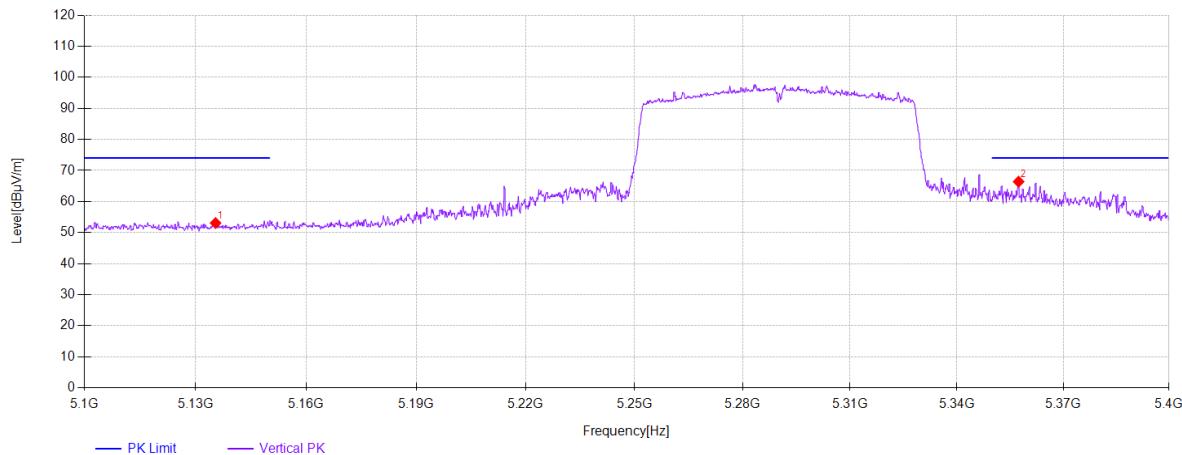
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5135.4177	35.42	31.71	-14.05	53.08	74.00	20.92	Vertical
2	5357.3787	47.28	32.24	-13.12	66.40	74.00	7.60	Vertical



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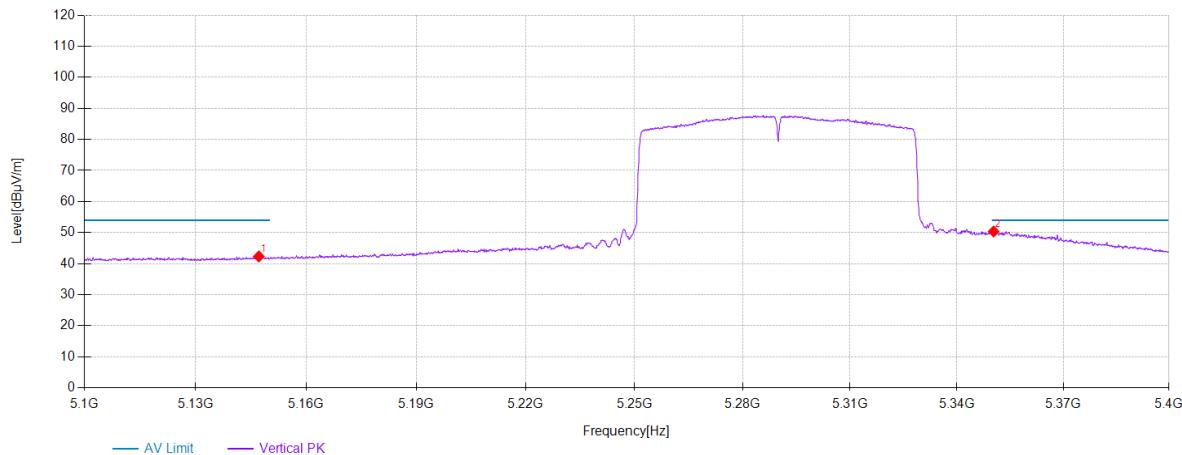
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.1236	24.38	31.78	-13.83	42.33	54.00	11.67	Vertical
2	5350.3252	31.14	32.20	-12.98	50.36	54.00	3.64	Vertical



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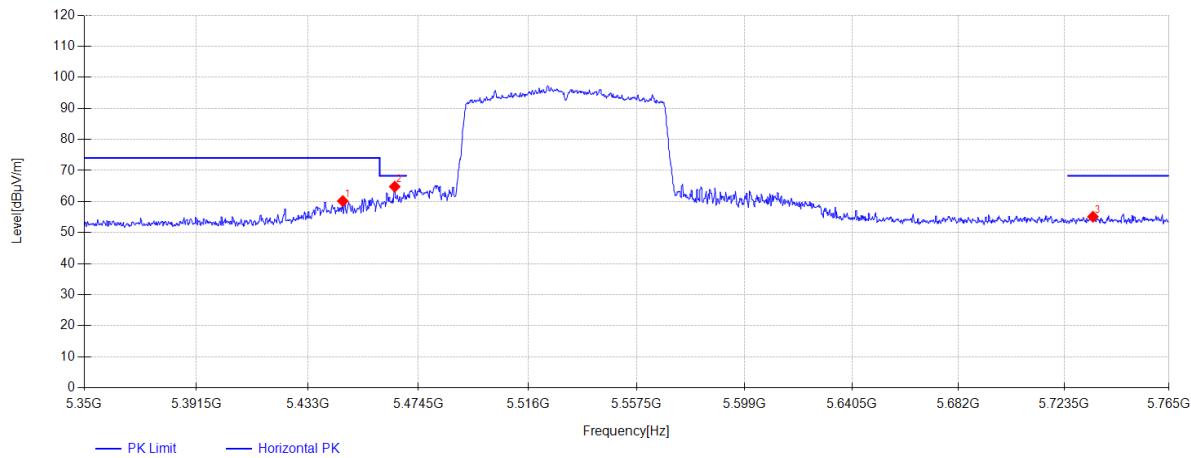
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5446.1206	41.06	32.22	-13.12	60.16	74.00	13.84	Horizontal
2	5465.6353	45.58	32.26	-13.04	64.80	68.30	3.50	Horizontal
3	5734.8974	35.79	32.50	-13.17	55.12	68.30	13.18	Horizontal



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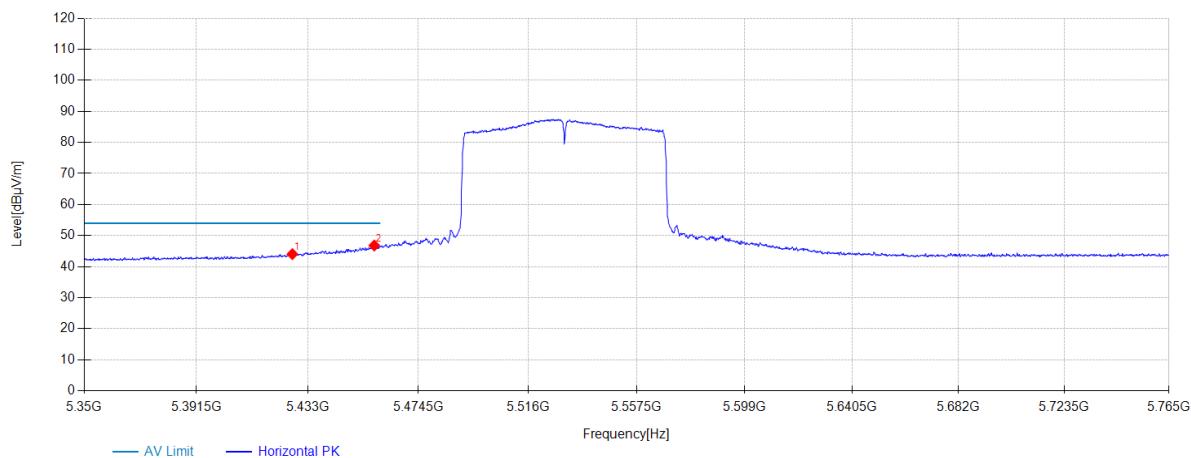
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5427.2286	24.66	32.34	-12.96	44.04	54.00	9.96	Horizontal
2	5457.954	27.67	32.23	-13.09	46.81	54.00	7.19	Horizontal



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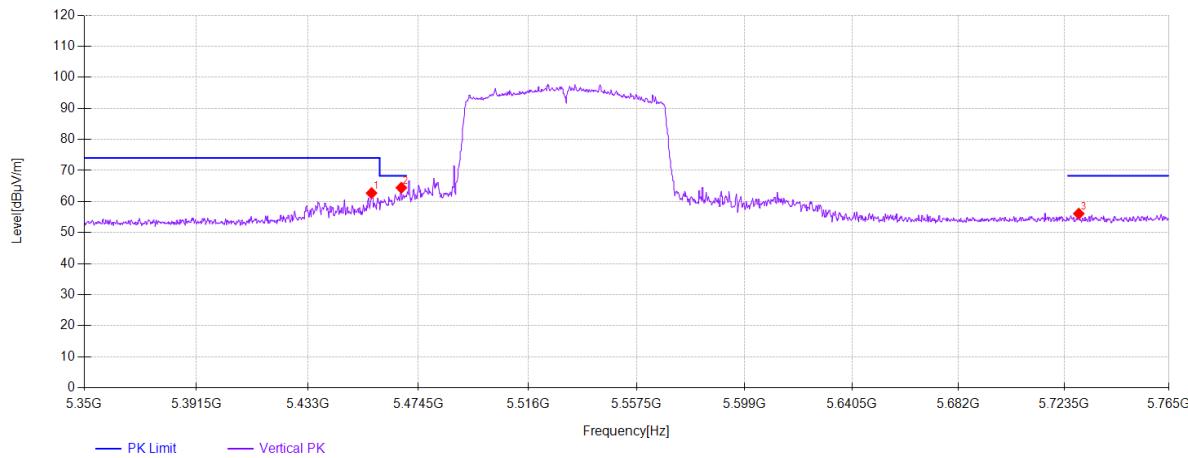
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802.11ac80_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5456.916	43.57	32.23	-13.09	62.71	74.00	11.29	Vertical
2	5468.1266	45.20	32.27	-13.02	64.45	68.30	3.85	Vertical
3	5729.2921	36.71	32.50	-13.12	56.09	68.30	12.21	Vertical

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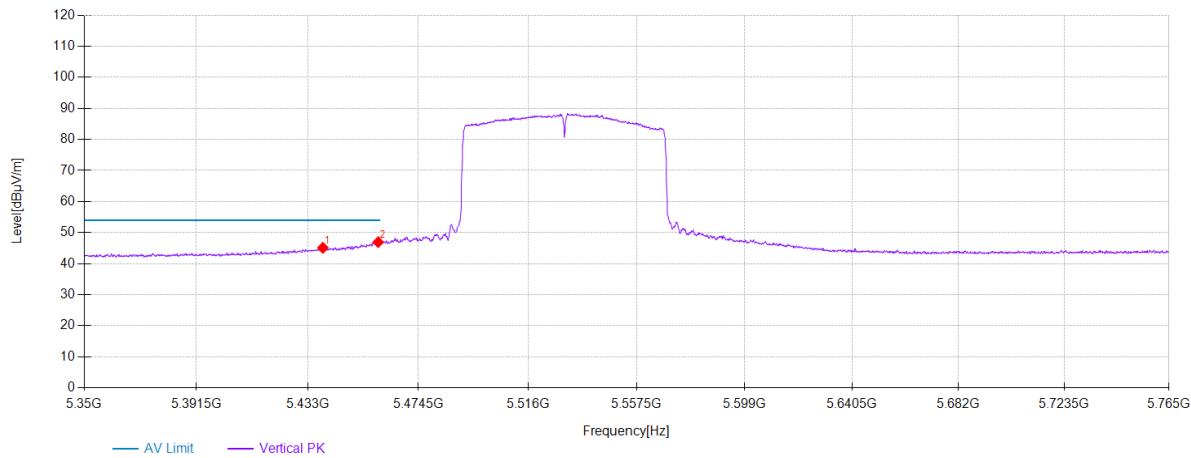
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 Wireless Laboratory

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802.11ac80_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5438.6468	25.96	32.27	-13.13	45.10	54.00	8.90	Vertical
2	5459.4072	27.78	32.24	-13.09	46.93	54.00	7.07	Vertical



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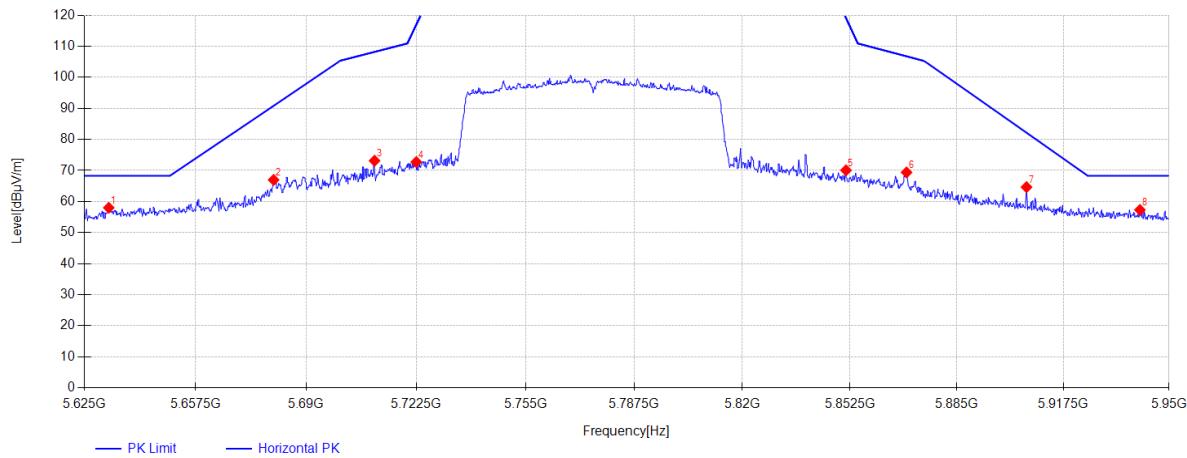
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF[dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5632.1536	38.70	32.54	-13.25	57.99	68.30	10.31	Horizontal
2	5680.4402	47.54	32.50	-13.07	66.97	90.83	23.86	Horizontal
3	5710.1926	53.80	32.50	-13.16	73.14	108.15	35.01	Horizontal
4	5722.5488	53.38	32.50	-13.15	72.73	116.71	43.98	Horizontal
5	5851.3132	50.27	32.61	-12.81	70.07	119.31	49.24	Horizontal
6	5869.6848	49.70	32.68	-12.99	69.39	106.79	37.40	Horizontal
7	5906.2656	44.78	32.81	-12.95	64.64	82.16	17.52	Horizontal
8	5941.058	37.23	32.88	-12.81	57.30	68.30	11.00	Horizontal

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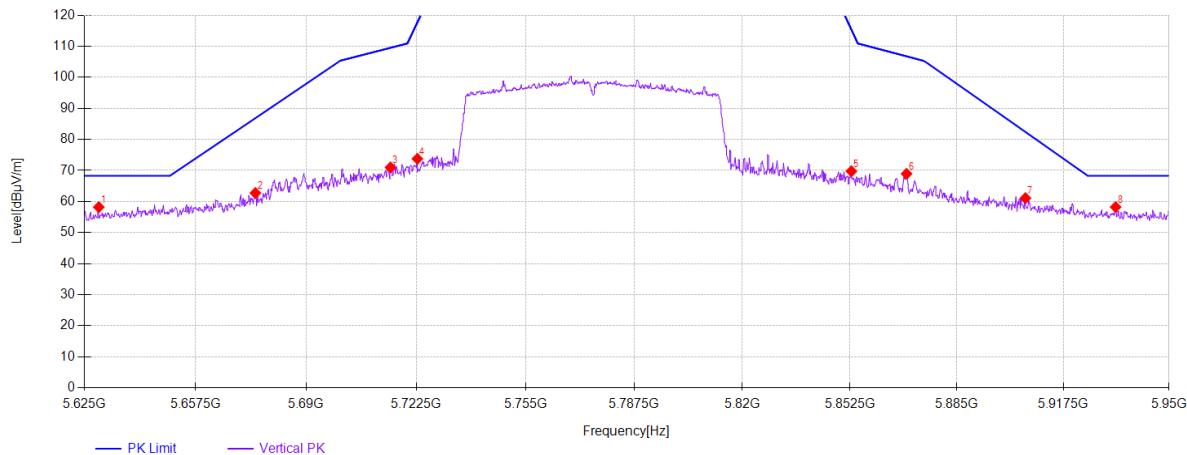
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802.11ac80_Channel 155



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5629.2271	38.92	32.54	-13.25	58.21	68.30	10.09	Vertical
2	5675.075	43.41	32.50	-13.17	62.74	86.86	24.12	Vertical
3	5714.9075	51.65	32.50	-13.16	70.99	109.47	38.48	Vertical
4	5722.8739	54.41	32.50	-13.15	73.76	117.45	43.69	Vertical
5	5852.939	49.99	32.61	-12.83	69.77	115.60	45.83	Vertical
6	5869.6848	49.25	32.68	-12.99	68.94	106.79	37.85	Vertical
7	5905.9405	41.22	32.81	-12.94	61.09	82.40	21.31	Vertical
8	5933.5793	38.07	32.87	-12.72	58.22	68.30	10.08	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:

$$\text{Level} = \text{Reading}(\text{dBμV}) + \text{AF}(\text{dB/m}) + \text{Factor}(\text{dB})$$

$$\text{AF} = \text{Antenna Factor}(\text{dB/m})$$

$$\text{Factor} = \text{Cable Factor}(\text{dB}) - \text{Preamplifier gain}(\text{dB})$$

$$\text{Margin} = \text{Limit}(\text{dBμV/m}) - \text{Level}(\text{dBμV/m})$$
- Both peak and average measured complies with the limit line, so test result is "PASS"
- For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11n HT20/40 by referring to their higher output power.

---End of Report---



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