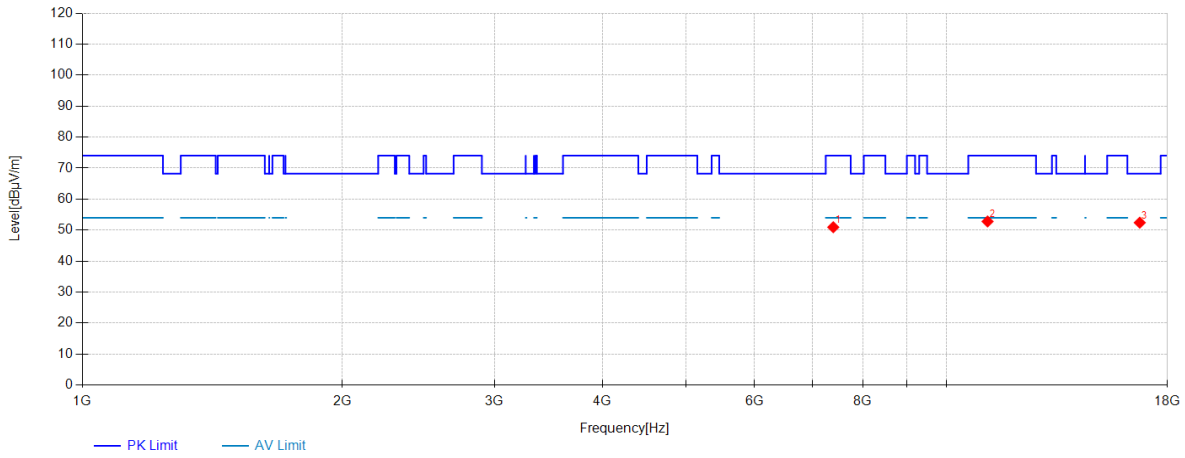
802.11n20_Channel 116



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1	7397.5	53.18	36.69	-38.93	50.94	74.00	23.06	Horizontal
2	11160	50.94	40.20	-38.35	52.79	74.00	21.21	Horizontal
3	16740	49.57	39.48	-36.64	52.41	68.20	15.79	Horizontal

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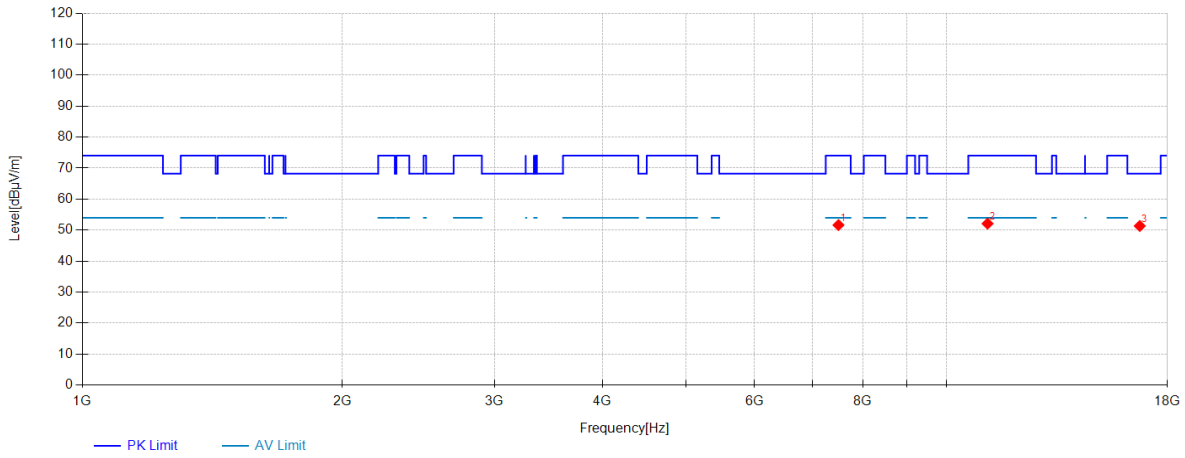

Data List								
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1	7500.5	53.57	36.90	-38.84	51.63	74.00	22.37	Vertical
2	11160	50.25	40.20	-38.35	52.10	74.00	21.90	Vertical
3	16740	48.50	39.48	-36.64	51.34	68.20	16.86	Vertical

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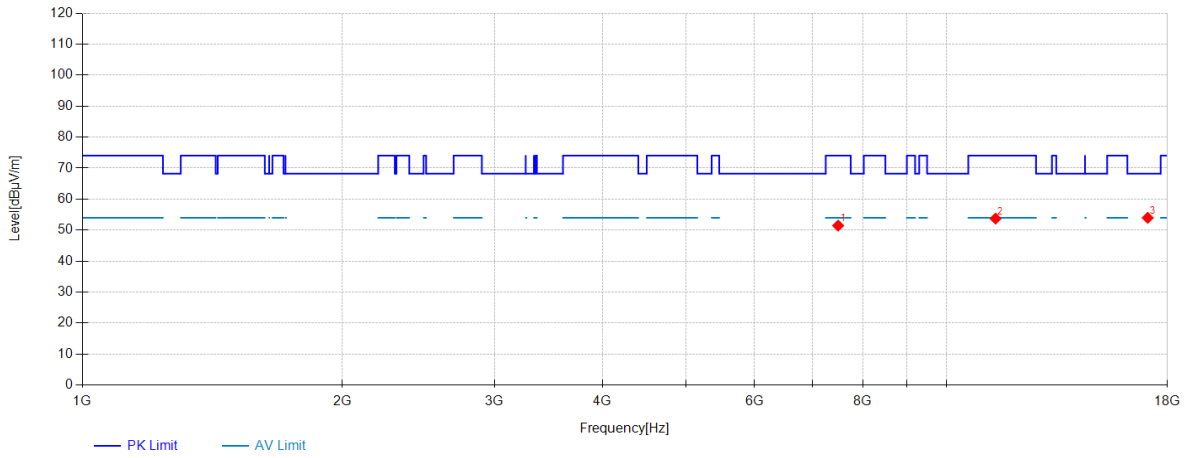
802.11n20_Channel 140



Data List								
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1	7494.5	53.41	36.89	-38.84	51.46	74.00	22.54	Horizontal
2	11400	51.76	40.30	-38.34	53.72	74.00	20.28	Horizontal
3	17100	49.78	42.10	-37.91	53.97	68.20	14.23	Horizontal

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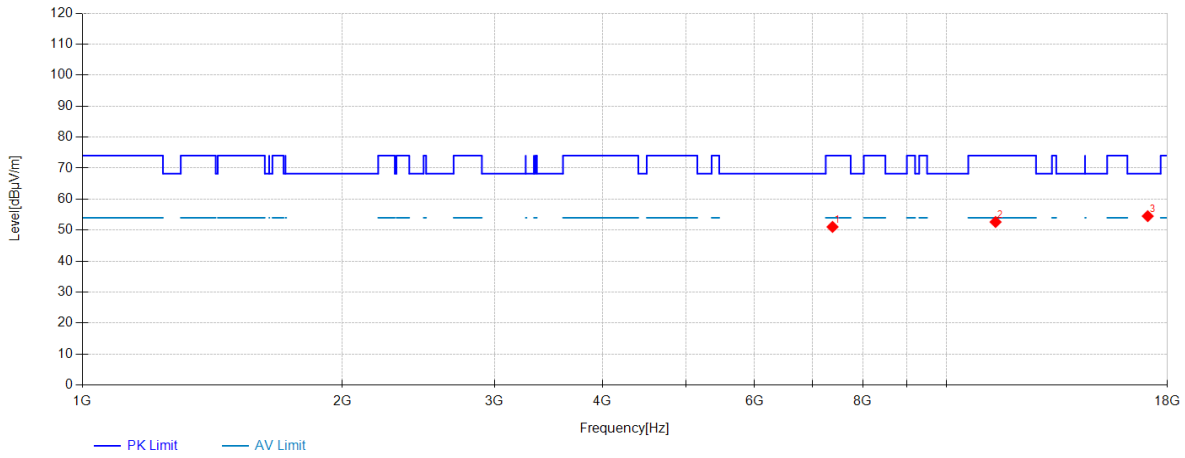

Data List								
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1	7383	53.39	36.63	-38.98	51.04	74.00	22.96	Vertical
2	11400	50.66	40.30	-38.34	52.62	74.00	21.38	Vertical
3	17100	50.32	42.10	-37.91	54.51	68.20	13.69	Vertical

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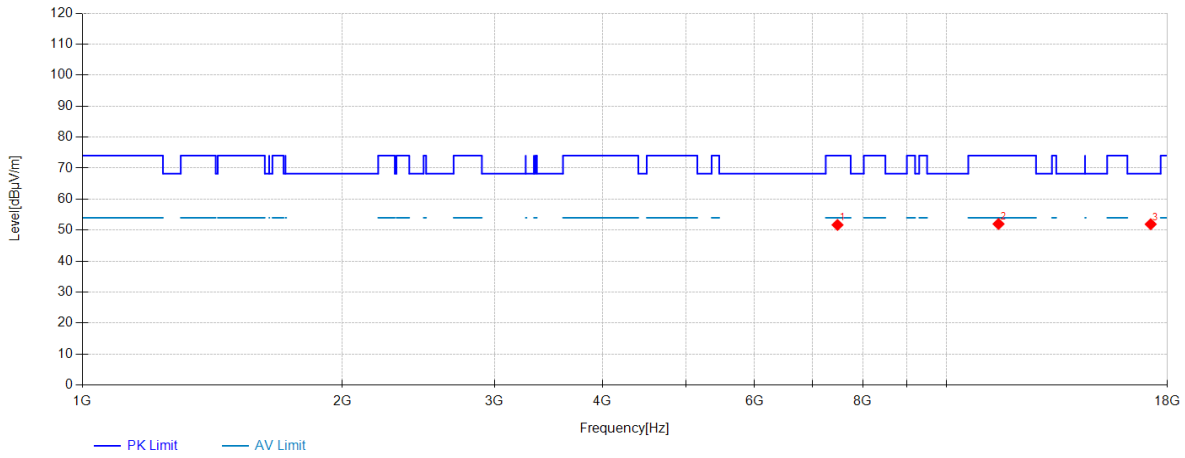

Data List								
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1	7482	53.67	36.86	-38.85	51.68	74.00	22.32	Horizontal
2	11490	50.55	40.21	-38.77	51.99	74.00	22.01	Horizontal
3	17235	48.11	42.78	-38.98	51.91	68.20	16.29	Horizontal

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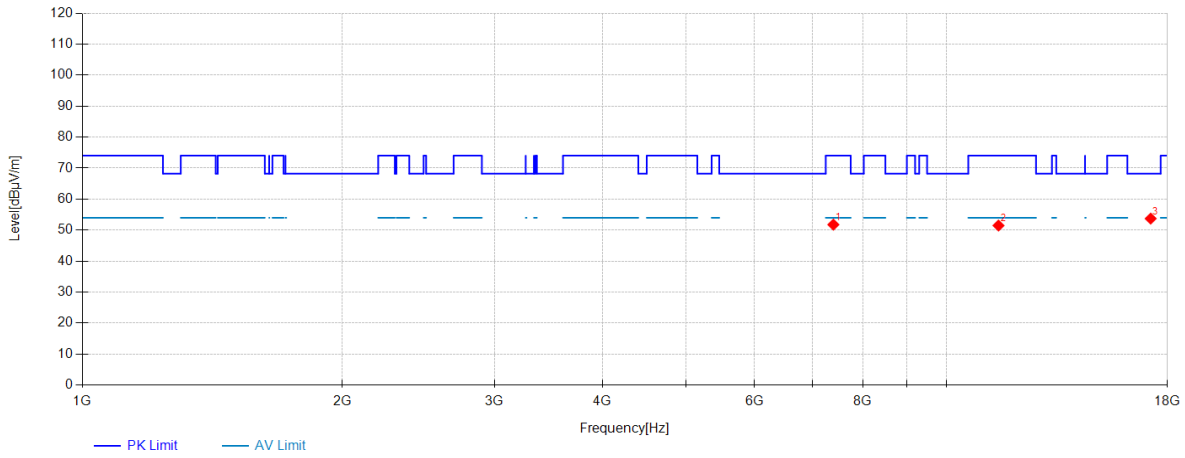

Data List								
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1	7400	53.99	36.70	-38.92	51.77	74.00	22.23	Vertical
2	11490	50.04	40.21	-38.77	51.48	74.00	22.52	Vertical
3	17235	49.92	42.78	-38.98	53.72	68.20	14.48	Vertical

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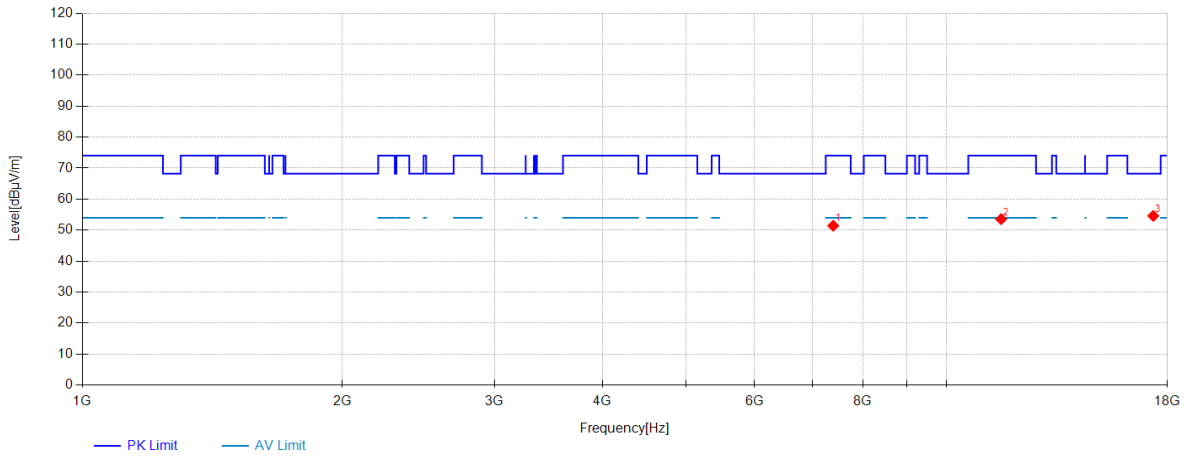

Data List								
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1	7396.5	53.67	36.69	-38.93	51.43	74.00	22.57	Horizontal
2	11570	51.22	40.27	-37.95	53.54	74.00	20.46	Horizontal
3	17355	49.34	43.96	-38.71	54.59	68.20	13.61	Horizontal

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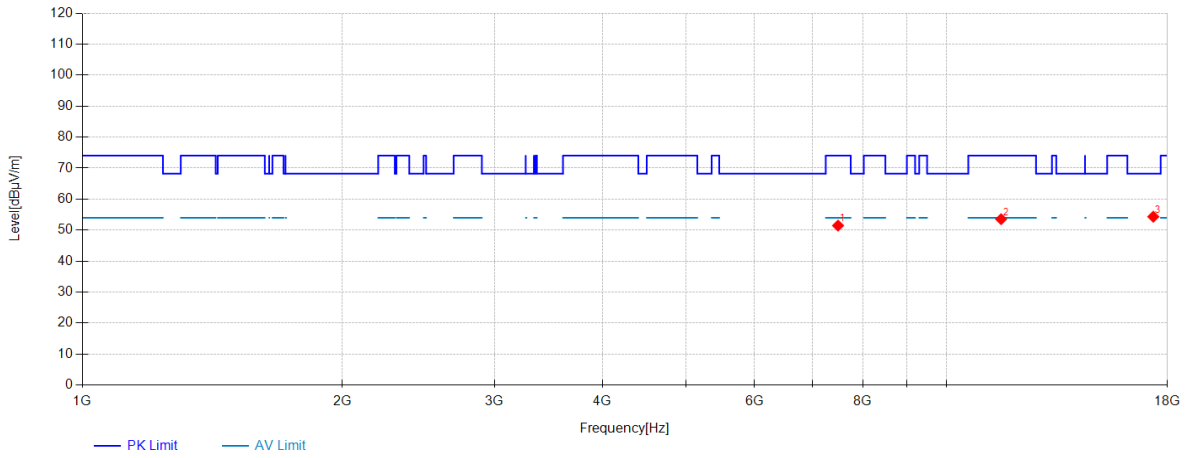

Data List								
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1	7492.5	53.43	36.89	-38.85	51.47	74.00	22.53	Vertical
2	11570	51.21	40.27	-37.95	53.53	74.00	20.47	Vertical
3	17355	49.08	43.96	-38.71	54.33	68.20	13.87	Vertical

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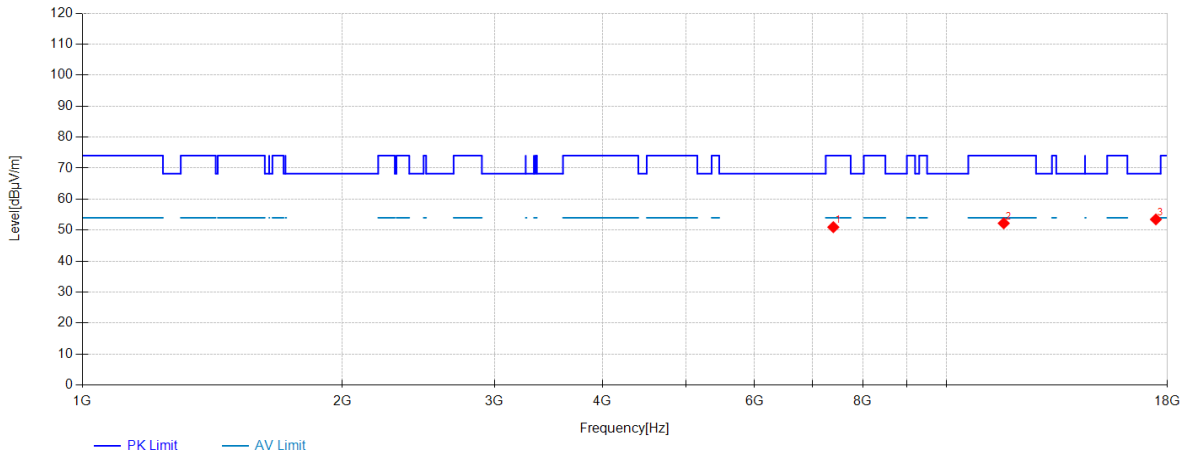

Data List								
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1	7399	53.17	36.70	-38.92	50.95	74.00	23.05	Horizontal
2	11650	50.39	40.10	-38.28	52.21	74.00	21.79	Horizontal
3	17475	47.93	44.73	-39.19	53.47	68.20	14.73	Horizontal

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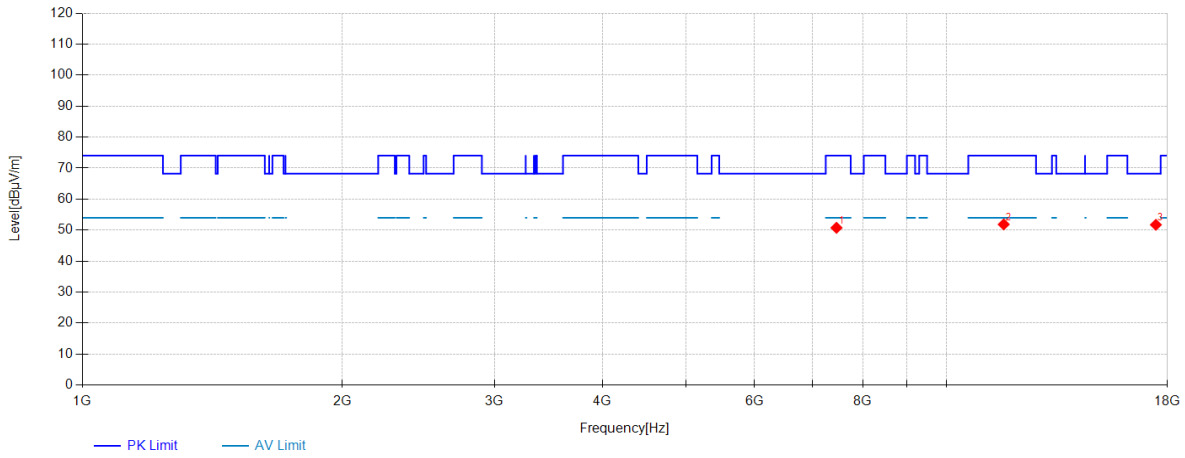

Data List								
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1	7461	52.80	36.82	-38.87	50.75	74.00	23.25	Vertical
2	11650	50.03	40.10	-38.28	51.85	74.00	22.15	Vertical
3	17475	46.18	44.73	-39.19	51.72	68.20	16.48	Vertical

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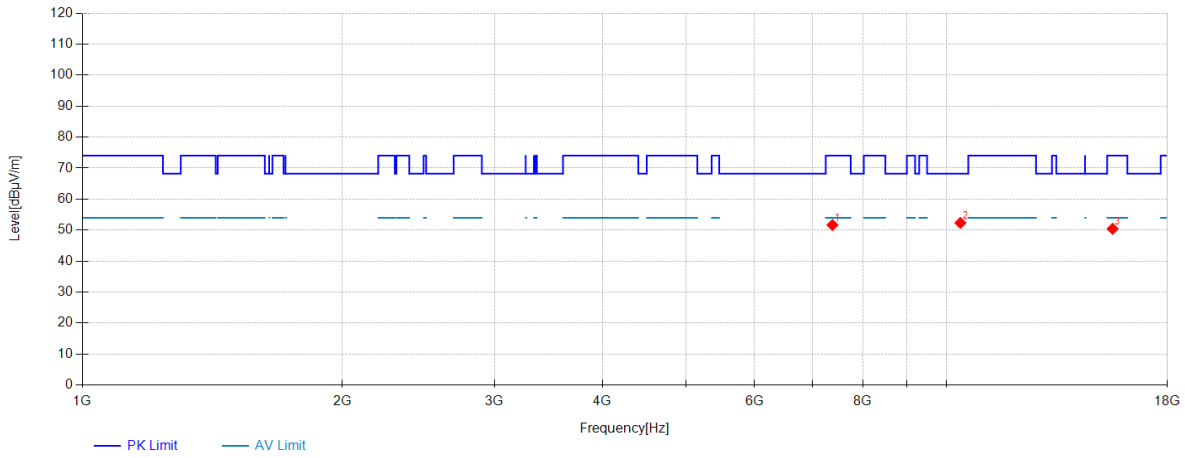

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7381.5	54.01	36.63	-38.99	51.65	74.00	22.35	Horizontal
2	10380	49.22	39.18	-36.08	52.32	68.20	15.88	Horizontal
3	15570	47.35	38.62	-35.54	50.43	74.00	23.57	Horizontal

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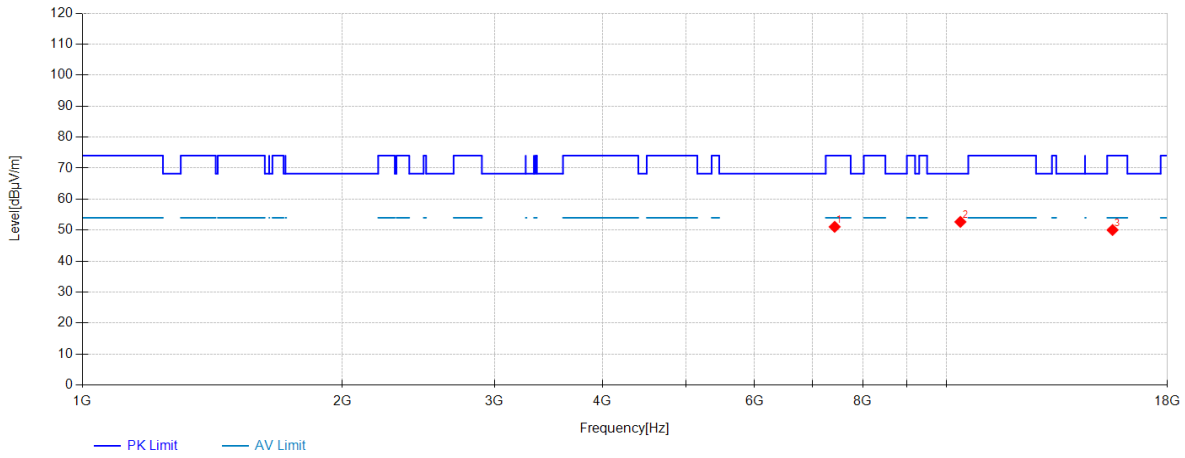
802.11n40_Channel 38



Data List								
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1	7425.5	53.22	36.75	-38.90	51.07	74.00	22.93	Vertical
2	10380	49.56	39.18	-36.08	52.66	68.20	15.54	Vertical
3	15570	46.97	38.62	-35.54	50.05	74.00	23.95	Vertical

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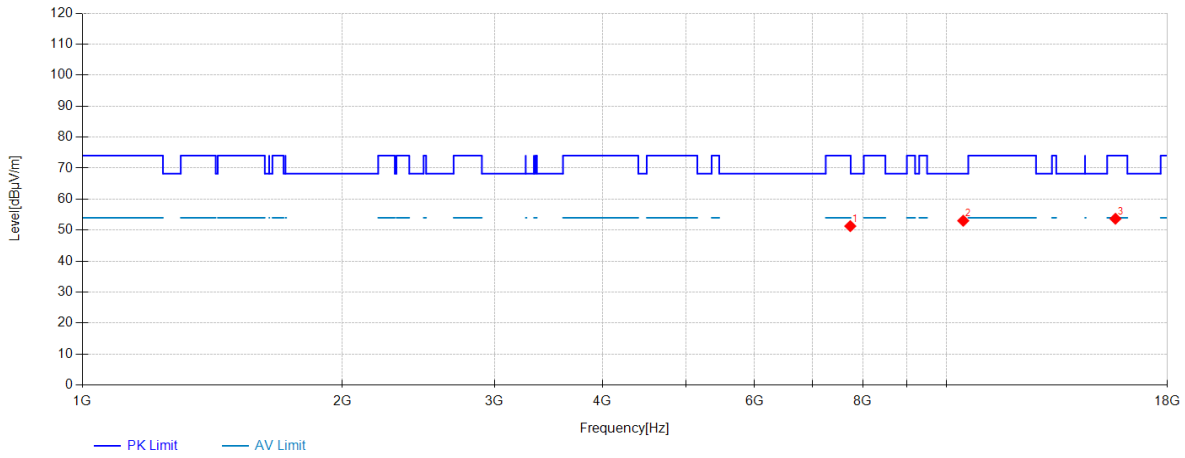
802.11n40_Channel 46



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7741.5	53.25	36.47	-38.43	51.29	74.00	22.71	Horizontal
2	10460	50.07	39.02	-36.06	53.03	68.20	15.17	Horizontal
3	15690	48.58	38.50	-33.41	53.67	74.00	20.33	Horizontal

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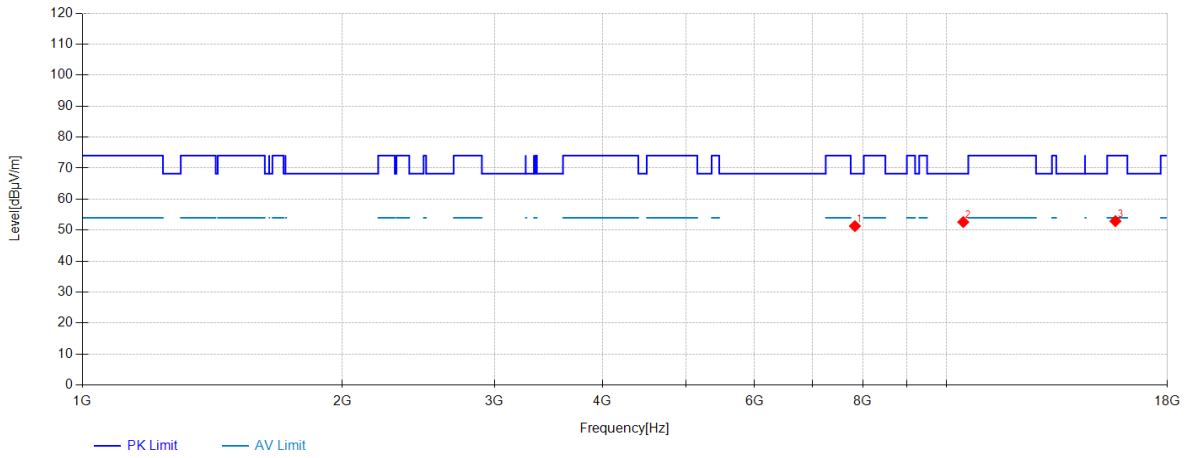

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7836.5	52.74	36.75	-38.18	51.31	68.20	16.89	Vertical
2	10460	49.64	39.02	-36.06	52.60	68.20	15.60	Vertical
3	15690	47.81	38.50	-33.41	52.90	74.00	21.10	Vertical

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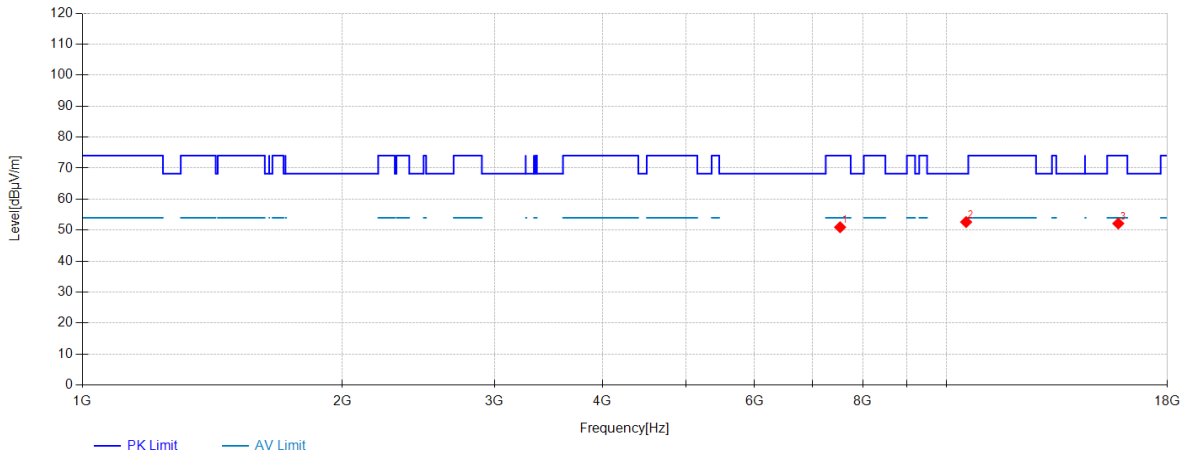
802.11n40_Channel 54



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7533.5	53.38	36.57	-39.01	50.94	74.00	23.06	Horizontal
2	10540	49.75	39.06	-36.20	52.61	68.20	15.59	Horizontal
3	15810	48.08	38.06	-34.00	52.14	74.00	21.86	Horizontal

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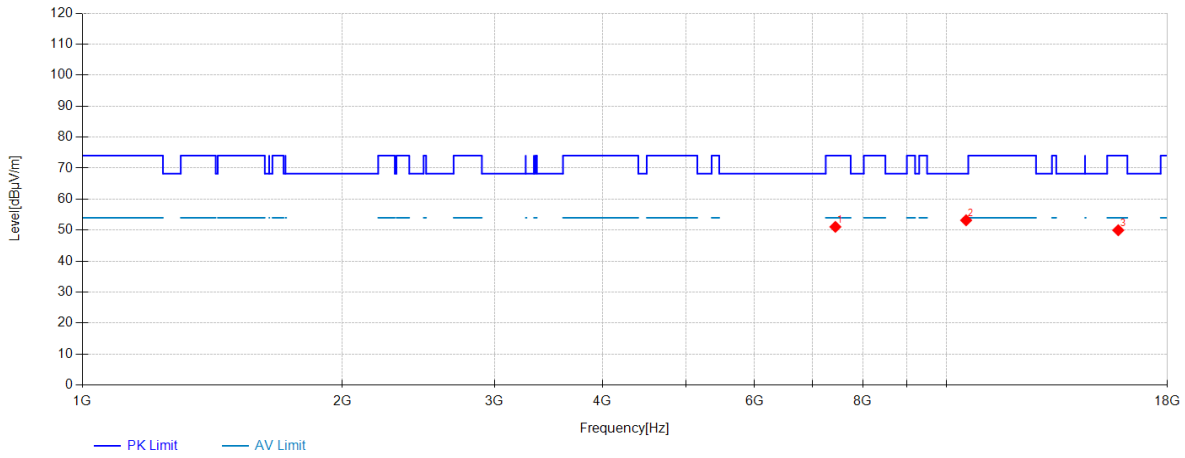
802.11n40_Channel 54



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7439.5	53.17	36.78	-38.89	51.06	74.00	22.94	Vertical
2	10540	50.32	39.06	-36.20	53.18	68.20	15.02	Vertical
3	15810	45.91	38.06	-34.00	49.97	74.00	24.03	Vertical

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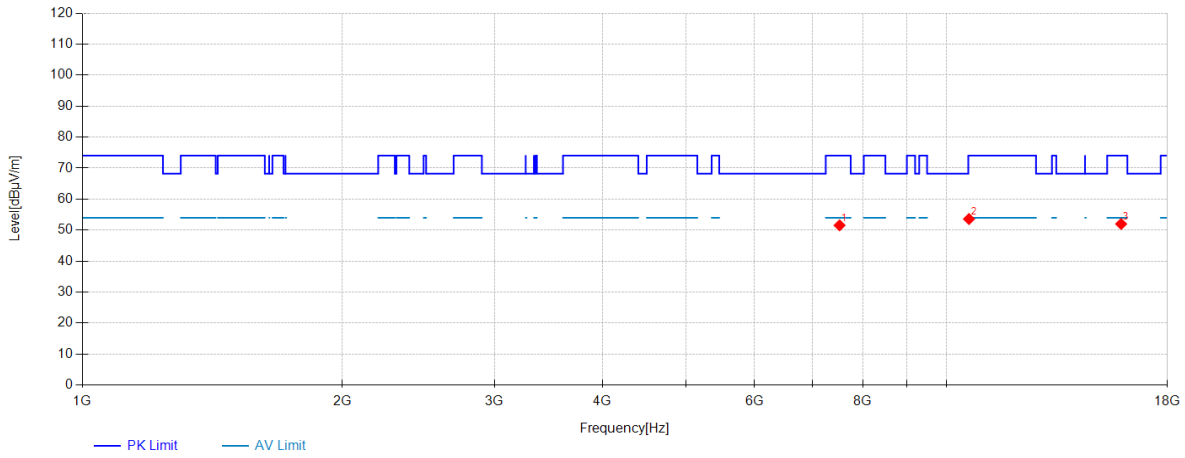
802.11n40_Channel 62



Data List								
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1	7523	53.84	36.67	-38.96	51.55	74.00	22.45	Horizontal
2	10620	50.66	39.34	-36.42	53.58	74.00	20.42	Horizontal
3	15930	48.30	37.76	-34.07	51.99	74.00	22.01	Horizontal

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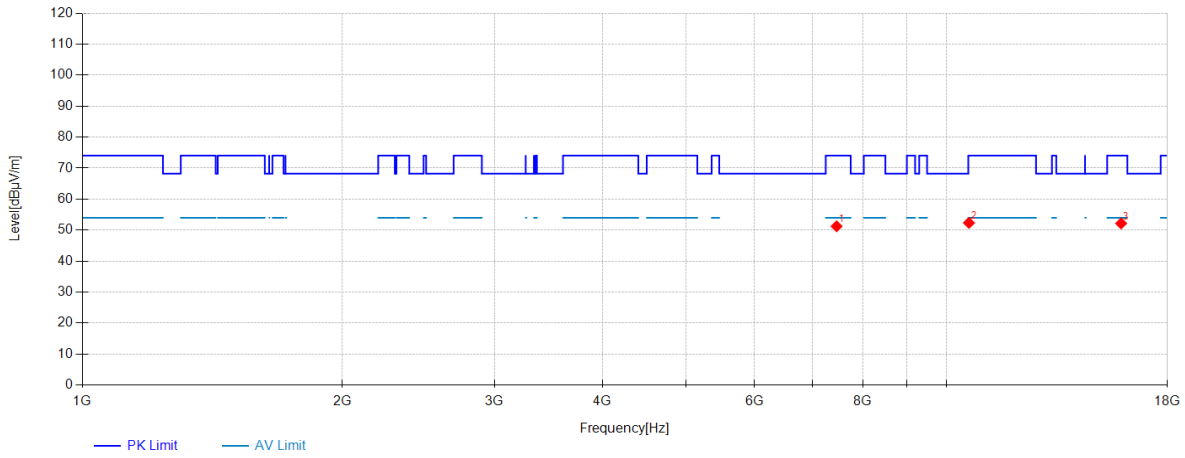

Data List								
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1	7463.5	53.28	36.83	-38.87	51.24	74.00	22.76	Vertical
2	10620	49.41	39.34	-36.42	52.33	74.00	21.67	Vertical
3	15930	48.48	37.76	-34.07	52.17	74.00	21.83	Vertical

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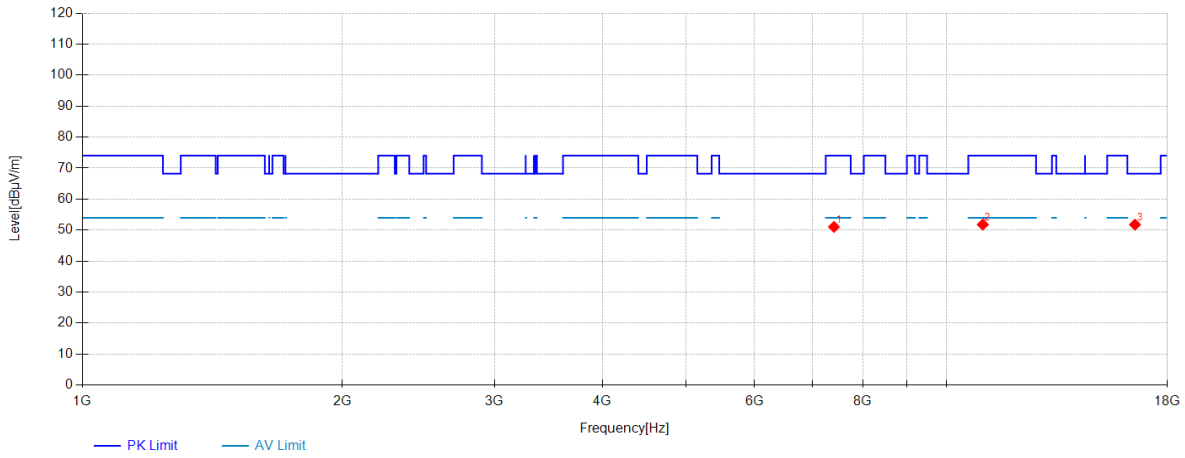

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7411.5	53.23	36.72	-38.91	51.04	74.00	22.96	Horizontal
2	11020	49.88	40.12	-38.21	51.79	74.00	22.21	Horizontal
3	16530	49.21	39.36	-36.79	51.78	68.20	16.42	Horizontal

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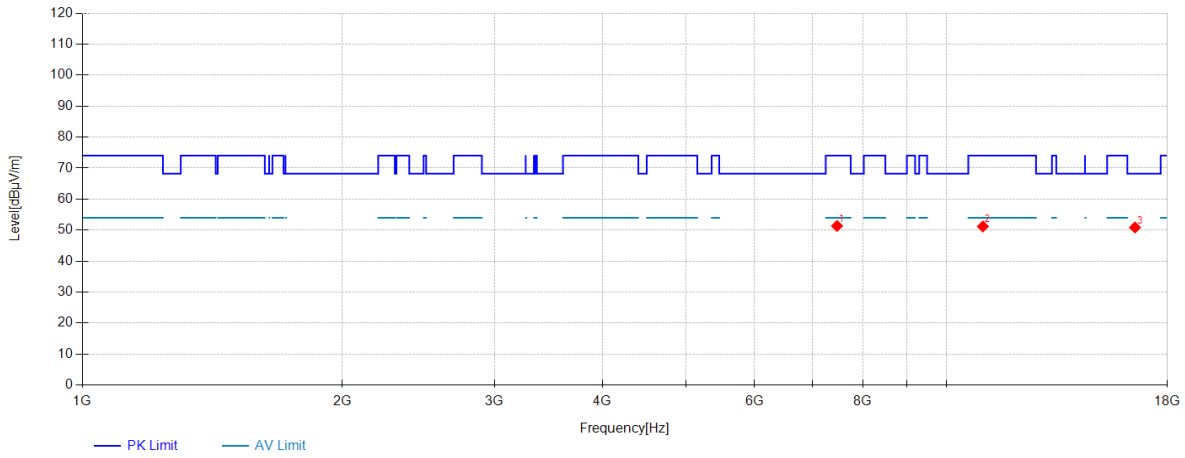

Data List								
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1	7472.5	53.36	36.85	-38.86	51.35	74.00	22.65	Vertical
2	11020	49.27	40.12	-38.21	51.18	74.00	22.82	Vertical
3	16530	48.28	39.36	-36.79	50.85	68.20	17.35	Vertical

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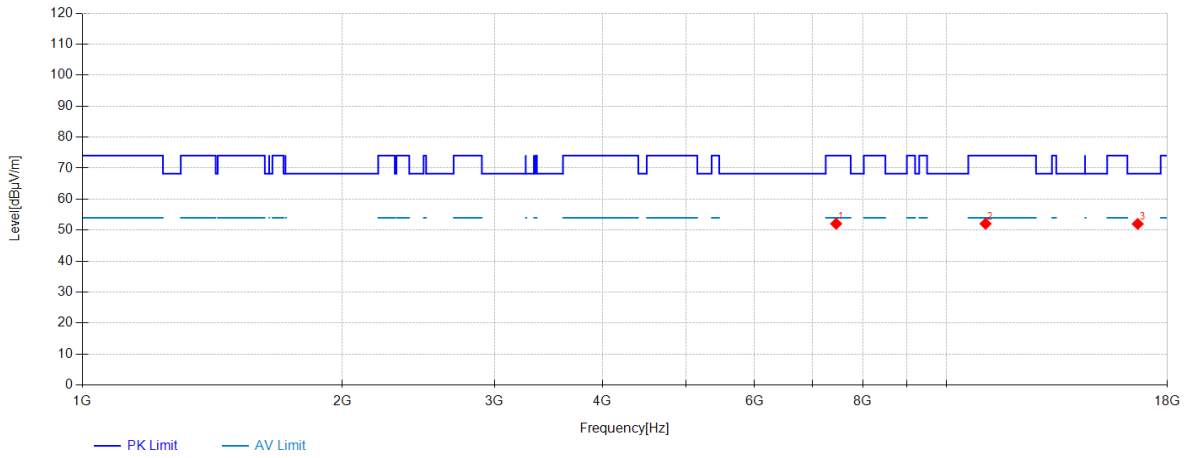

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7456	54.13	36.81	-38.88	52.06	74.00	21.94	Horizontal
2	11100	50.26	40.20	-38.40	52.06	74.00	21.94	Horizontal
3	16650	48.94	39.45	-36.39	52.00	68.20	16.20	Horizontal

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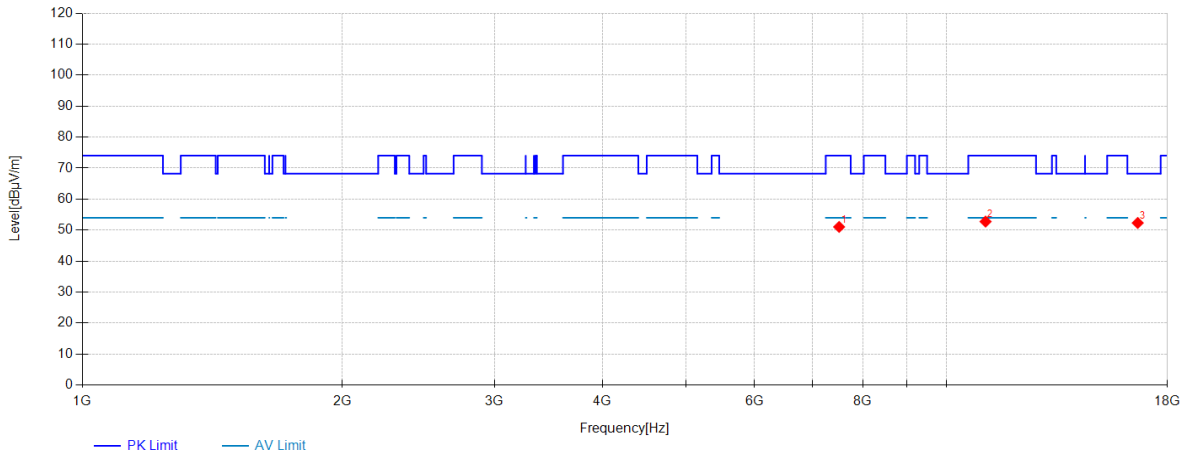
802.11n40_Channel 110



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7514	53.19	36.76	-38.91	51.04	74.00	22.96	Vertical
2	11100	50.96	40.20	-38.40	52.76	74.00	21.24	Vertical
3	16650	49.26	39.45	-36.39	52.32	68.20	15.88	Vertical

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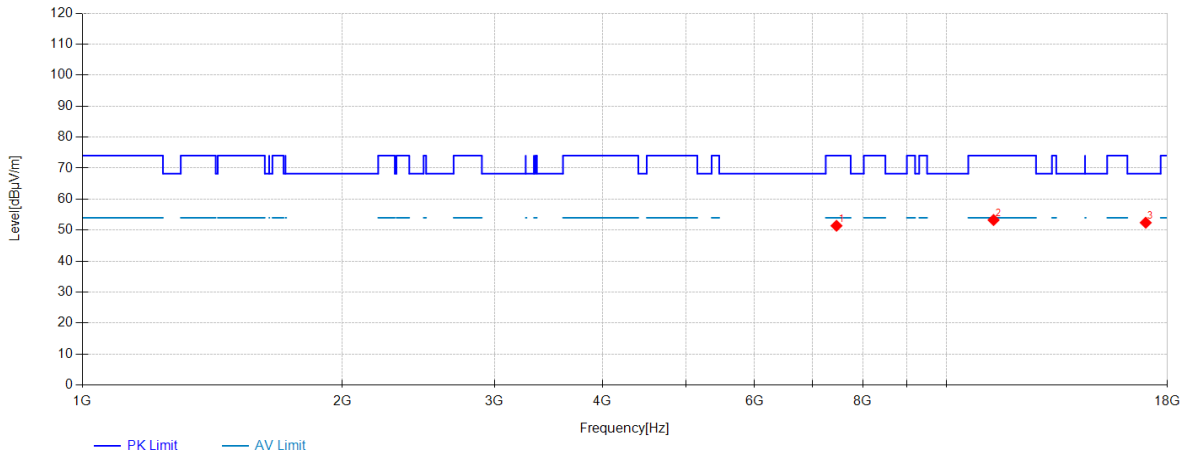
802.11n40_Channel 134



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7461.5	53.45	36.82	-38.87	51.40	74.00	22.60	Horizontal
2	11340	51.42	40.18	-38.33	53.27	74.00	20.73	Horizontal
3	17010	48.19	41.38	-37.17	52.40	68.20	15.80	Horizontal

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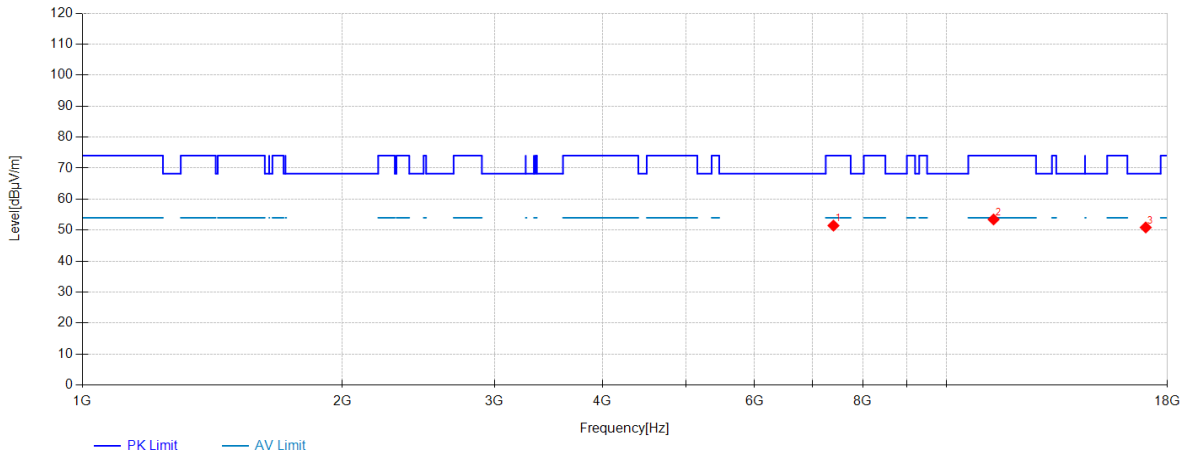
802.11n40_Channel 134



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7401.5	53.69	36.70	-38.92	51.47	74.00	22.53	Vertical
2	11340	51.59	40.18	-38.33	53.44	74.00	20.56	Vertical
3	17010	46.65	41.38	-37.17	50.86	68.20	17.34	Vertical

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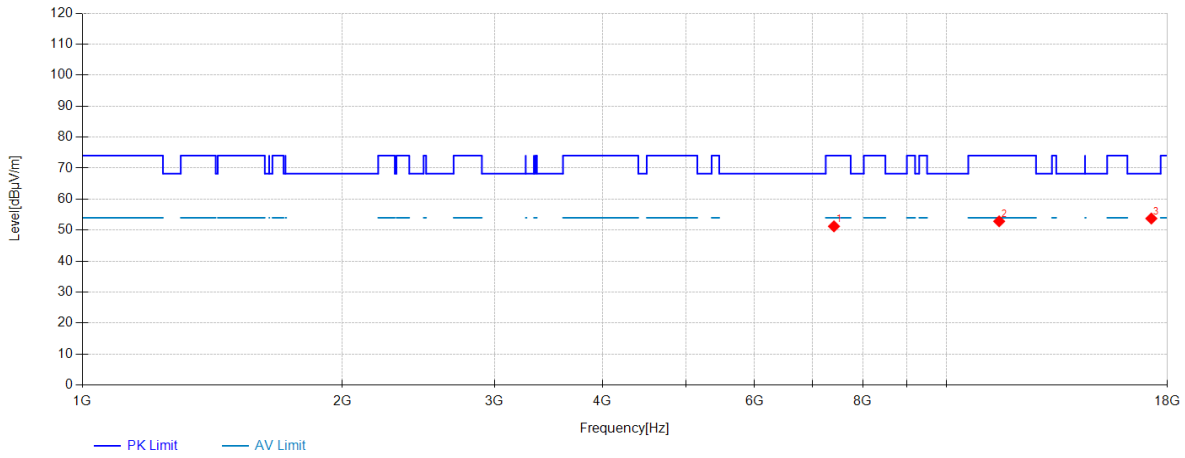
802.11n40_Channel 151



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7411	53.42	36.72	-38.91	51.23	74.00	22.77	Horizontal
2	11510	51.33	40.21	-38.70	52.84	74.00	21.16	Horizontal
3	17265	49.55	43.02	-38.83	53.74	68.20	14.46	Horizontal

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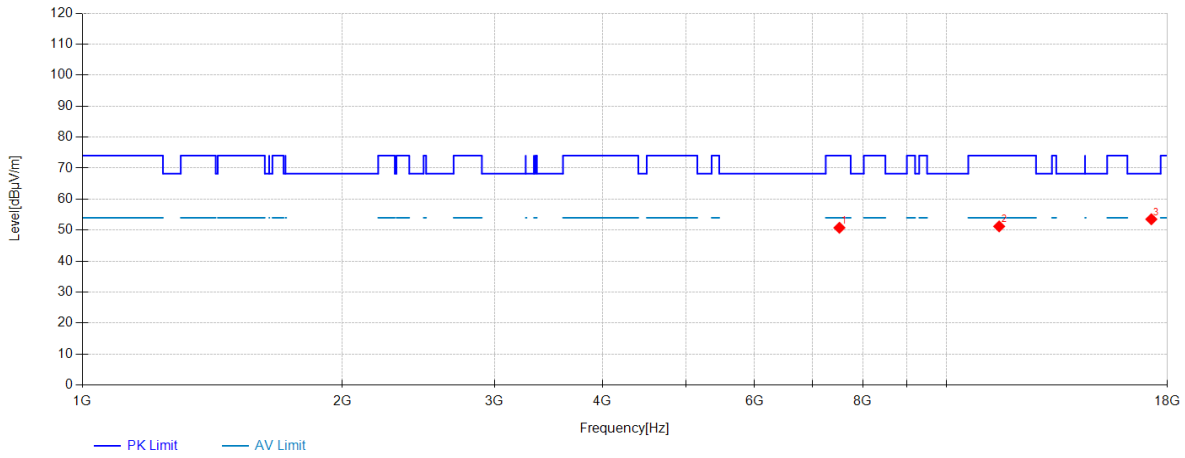
802.11n40_Channel 151



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7519.5	53.00	36.71	-38.94	50.77	74.00	23.23	Vertical
2	11510	49.70	40.21	-38.70	51.21	74.00	22.79	Vertical
3	17265	49.33	43.02	-38.83	53.52	68.20	14.68	Vertical

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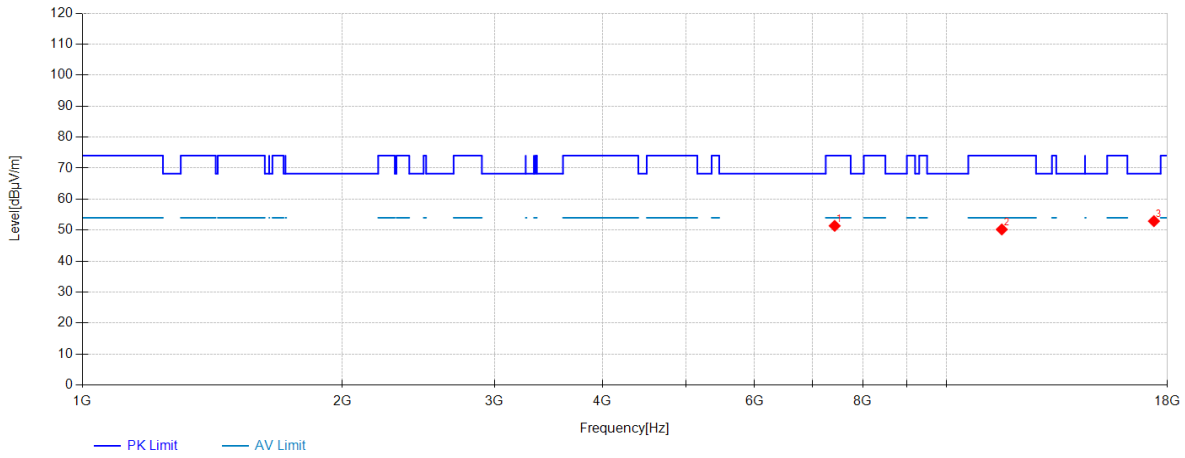
802.11n40_Channel 159



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7425.5	53.53	36.75	-38.90	51.38	74.00	22.62	Horizontal
2	11590	47.63	40.29	-37.70	50.22	74.00	23.78	Horizontal
3	17385	47.31	44.32	-38.74	52.89	68.20	15.31	Horizontal

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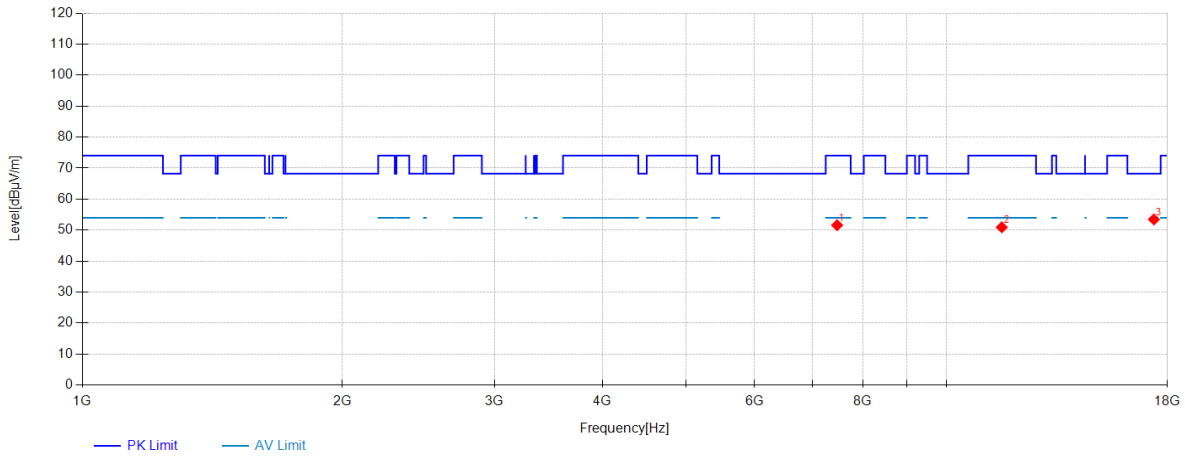

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7473.5	53.60	36.85	-38.86	51.59	74.00	22.41	Vertical
2	11590	48.32	40.29	-37.70	50.91	74.00	23.09	Vertical
3	17385	47.89	44.32	-38.74	53.47	68.20	14.73	Vertical

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:
   Level = Reading(dBμV) + AF(dB/m) + Factor(dB):
   AF = Antenna Factor(dB/m)
   Factor = Cable Factor(dB) - Preamplifier gain(dB)
   Margin = Limit(dBμV/m) – Level(dBμV/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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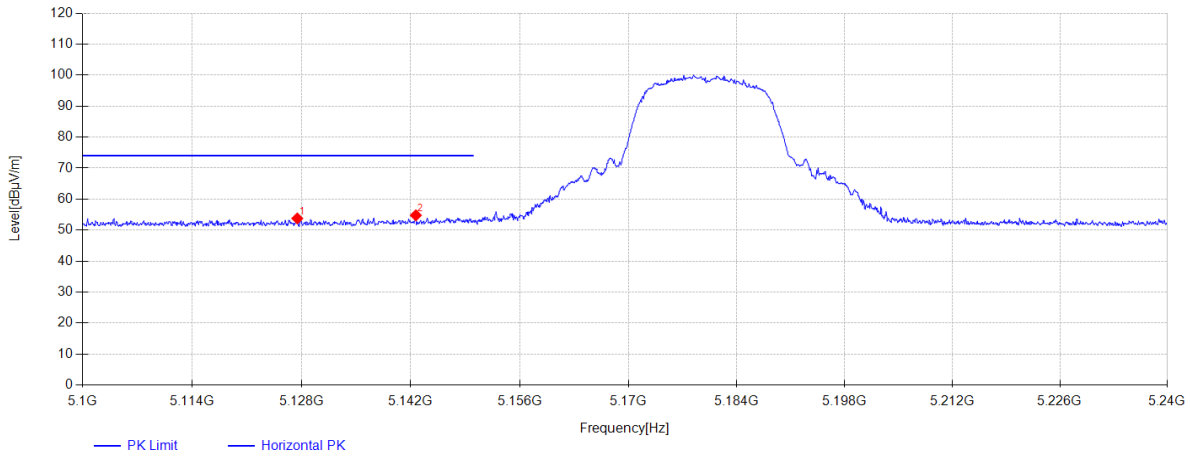
Restricted bands around fundamental frequency

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	5127.4537	36.20	31.66	-14.09	53.77	74.00	20.23	Horizontal
2	5142.6513	36.93	31.76	-13.90	54.79	74.00	19.21	Horizontal

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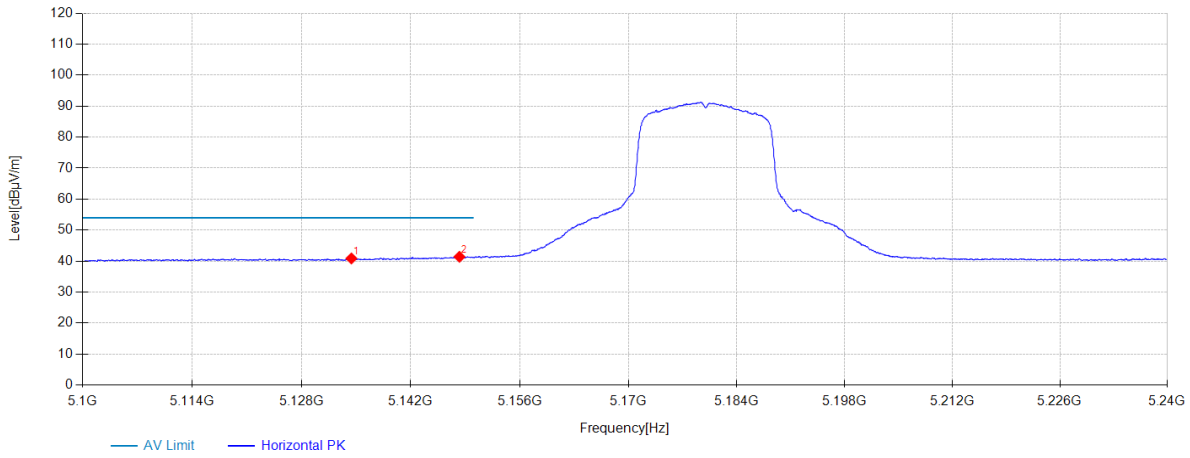
802.11a_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5134.3872	23.23	31.71	-14.07	40.87	54.00	13.13	Horizontal
2	5148.2541	23.42	31.79	-13.81	41.40	54.00	12.60	Horizontal

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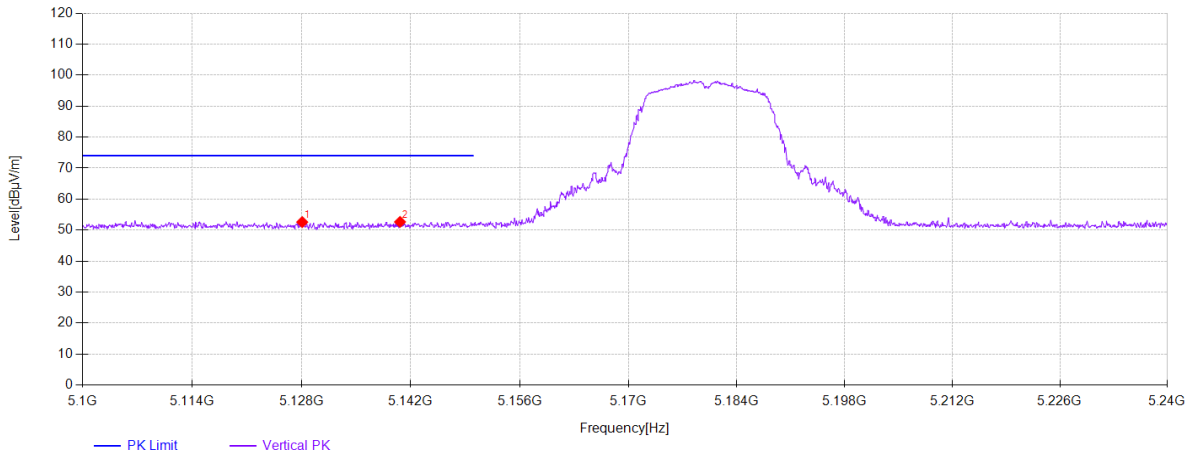
802.11a_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5128.084	35.04	31.67	-14.11	52.60	74.00	21.40	Vertical
2	5140.6203	34.84	31.74	-13.93	52.65	74.00	21.35	Vertical

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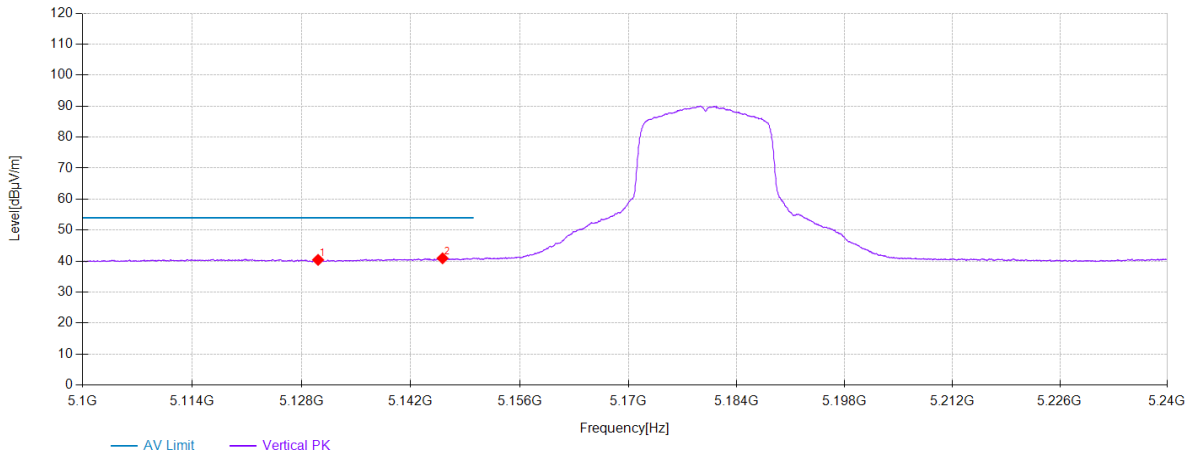
802.11a_Channel 36



Data List								
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1	5130.1151	22.90	31.68	-14.18	40.40	54.00	13.60	Vertical
2	5146.083	22.97	31.78	-13.84	40.91	54.00	13.09	Vertical

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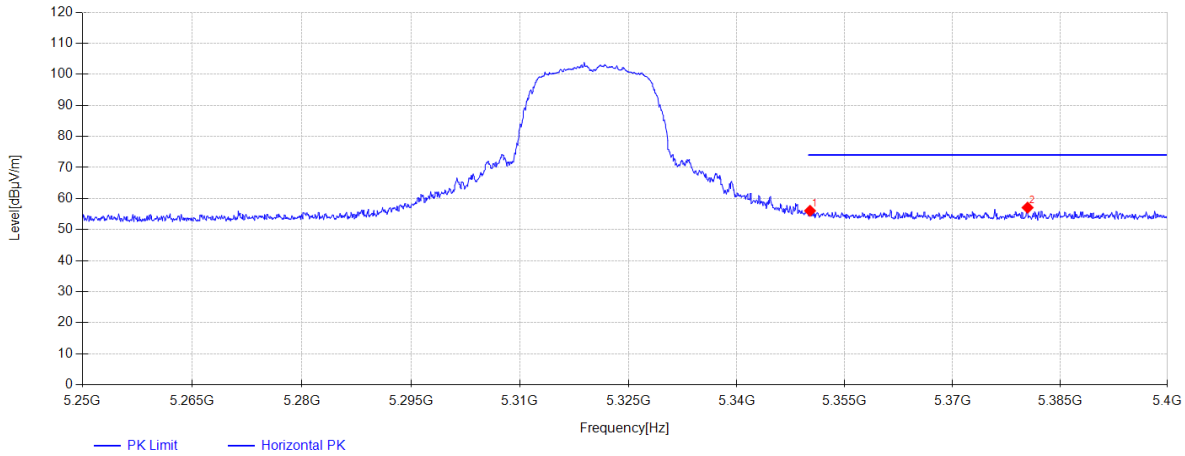

Data List								
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1	5350.1751	36.82	32.20	-12.97	56.05	74.00	17.95	Horizontal
2	5380.4902	37.81	32.38	-13.11	57.08	74.00	16.92	Horizontal

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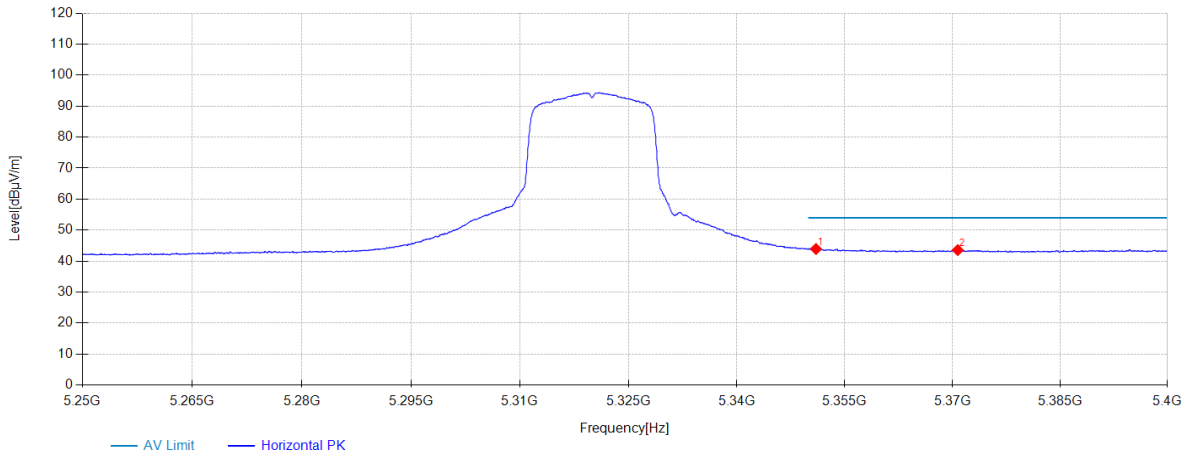

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5351.0005	24.70	32.21	-12.99	43.92	54.00	10.08	Horizontal
2	5370.7354	24.30	32.32	-13.05	43.57	54.00	10.43	Horizontal

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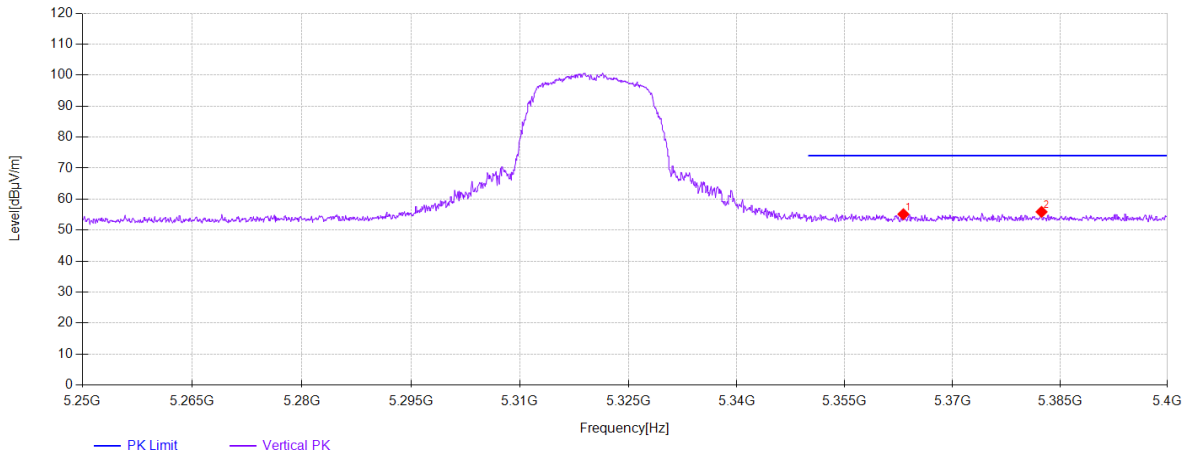

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5363.1566	36.00	32.28	-13.14	55.14	74.00	18.86	Vertical
2	5382.4412	36.59	32.39	-13.10	55.88	74.00	18.12	Vertical

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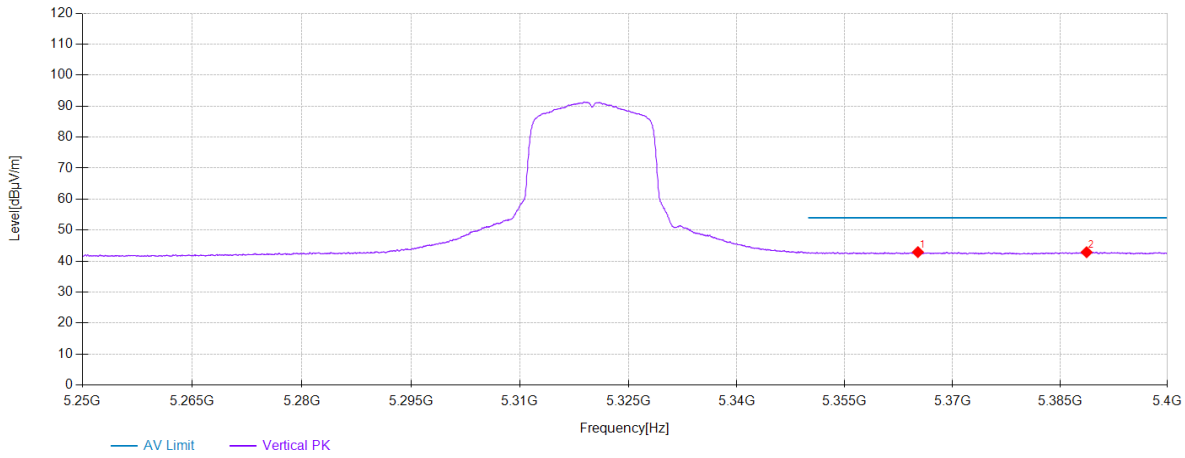

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5365.1826	23.73	32.29	-13.11	42.91	54.00	11.09	Vertical
2	5388.7444	23.51	32.43	-13.07	42.87	54.00	11.13	Vertical

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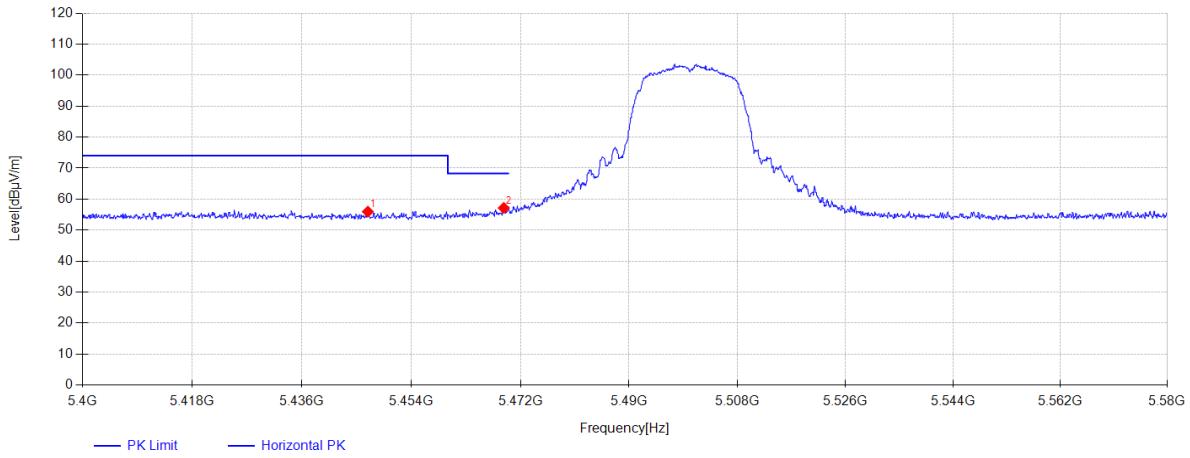

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5446.8234	36.85	32.22	-13.11	55.96	74.00	18.04	Horizontal
2	5469.2446	37.88	32.28	-13.01	57.15	68.30	11.15	Horizontal

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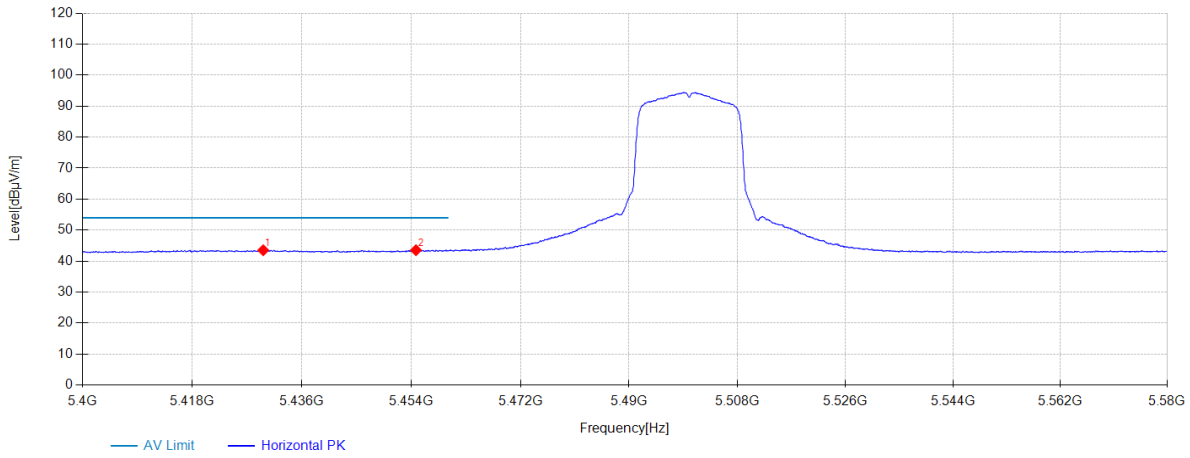

Data List								
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1	5429.6248	24.12	32.32	-12.93	43.51	54.00	10.49	Horizontal
2	5454.7474	24.40	32.22	-13.09	43.53	54.00	10.47	Horizontal

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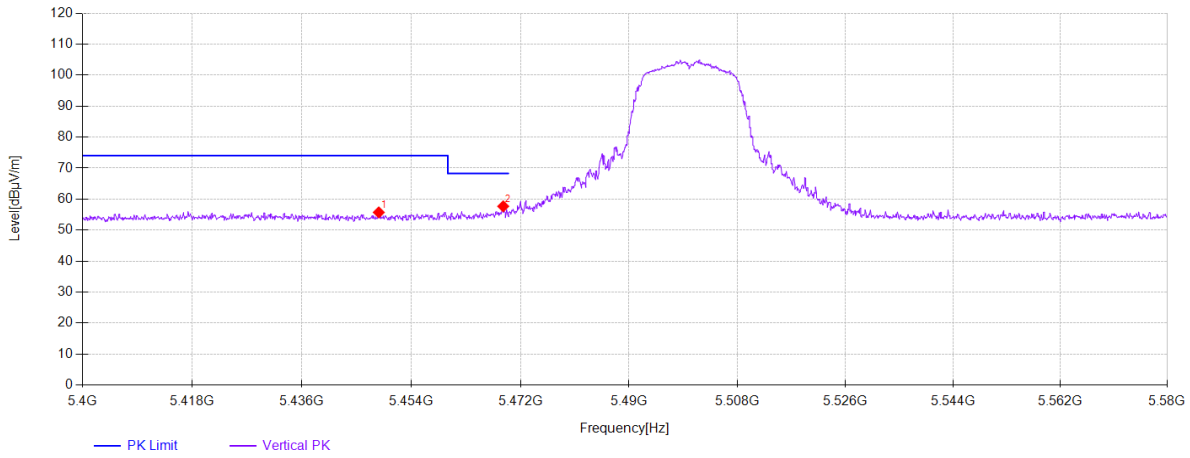

Data List								
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1	5448.6243	36.62	32.21	-13.10	55.73	74.00	18.27	Vertical
2	5469.1546	38.42	32.28	-13.01	57.69	68.30	10.61	Vertical

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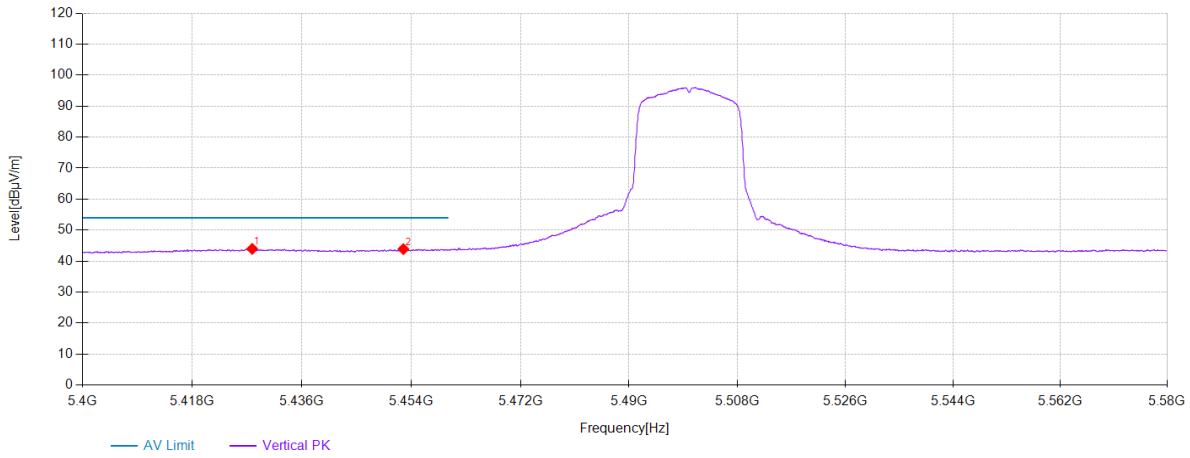

Data List								
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1	5427.8239	24.57	32.33	-12.95	43.95	54.00	10.05	Vertical
2	5452.6763	24.76	32.21	-13.09	43.88	54.00	10.12	Vertical

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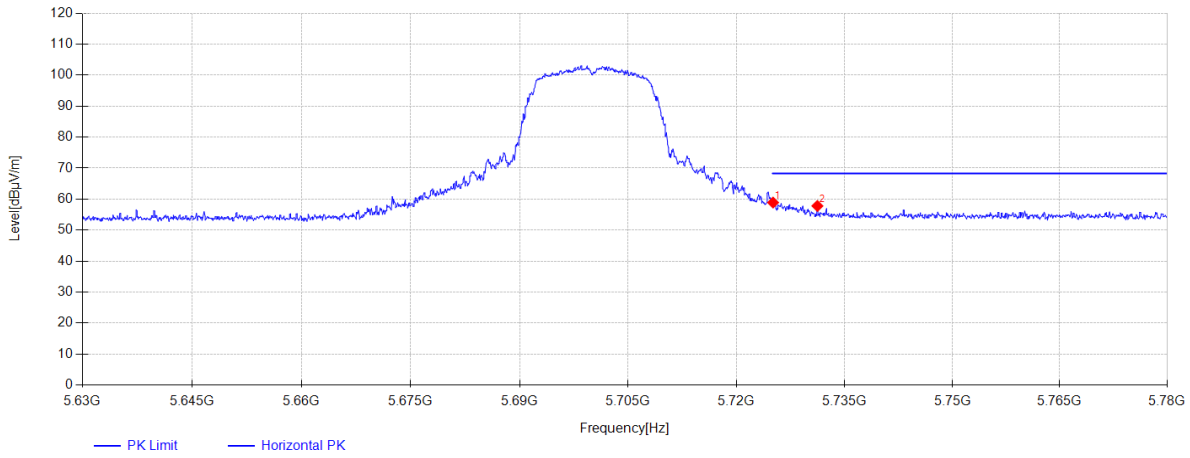

Data List								
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1	5725.0725	39.54	32.50	-13.14	58.90	68.30	9.40	Horizontal
2	5731.2256	38.43	32.50	-13.13	57.80	68.30	10.50	Horizontal

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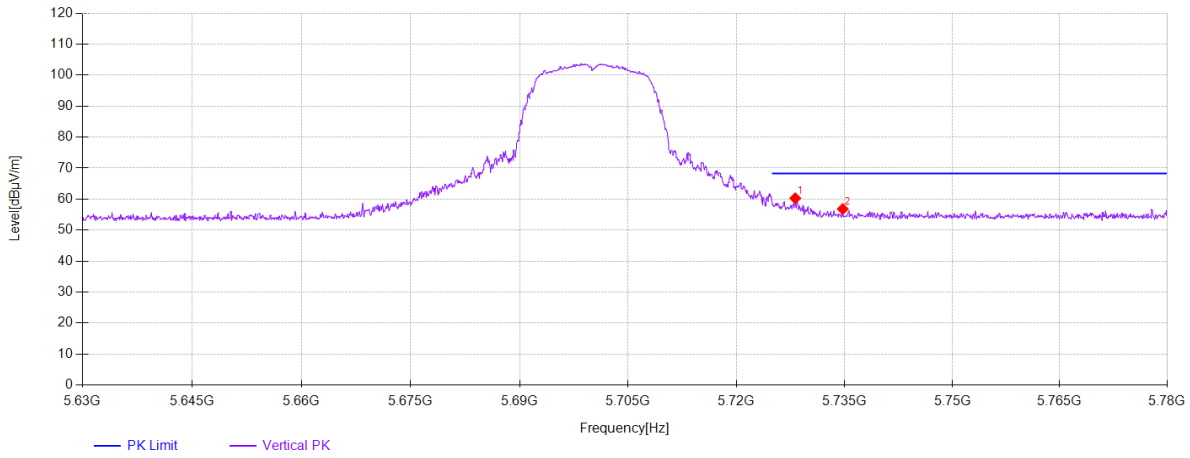

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5728.1491	40.91	32.50	-13.13	60.28	68.30	8.02	Vertical
2	5734.7524	37.47	32.50	-13.17	56.80	68.30	11.50	Vertical

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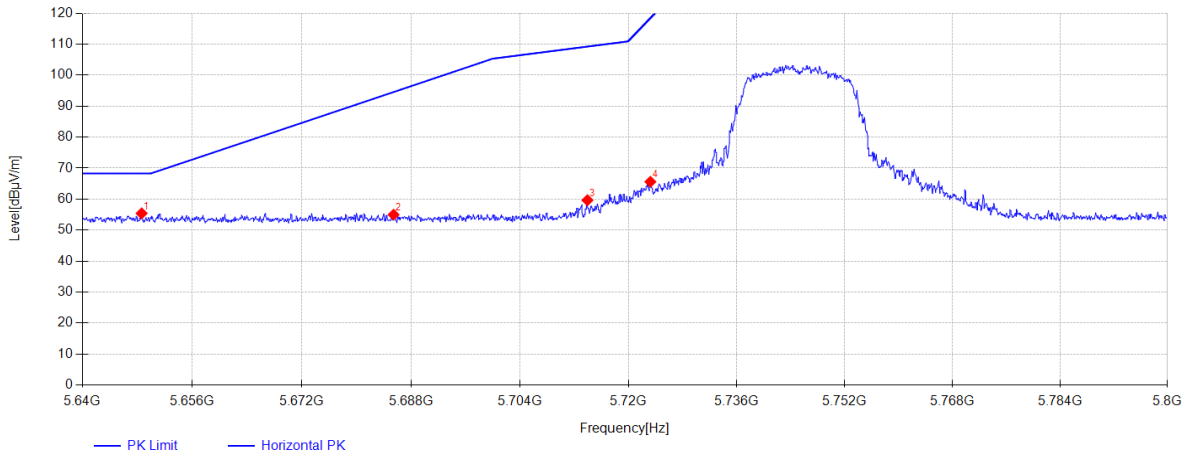

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5648.6443	35.99	32.50	-13.08	55.41	68.30	12.89	Horizontal
2	5685.4627	35.63	32.50	-13.14	54.99	94.54	39.55	Horizontal
3	5713.957	40.31	32.50	-13.16	59.65	109.21	49.56	Horizontal
4	5723.2416	46.25	32.50	-13.15	65.60	118.29	52.69	Horizontal

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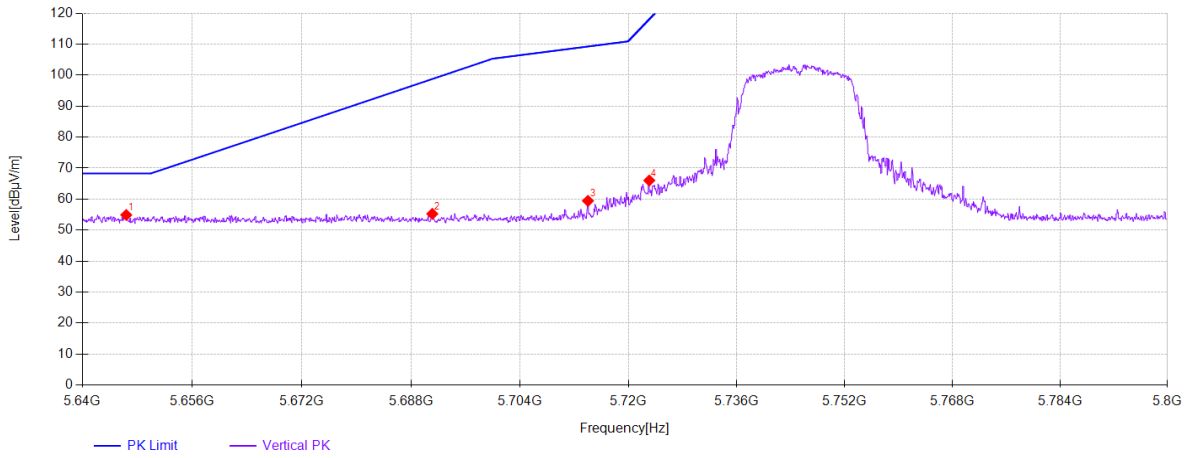

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5646.4032	35.49	32.51	-13.11	54.89	68.30	13.41	Vertical
2	5691.1456	35.96	32.50	-13.20	55.26	98.75	43.49	Vertical
3	5714.037	40.11	32.50	-13.16	59.45	109.23	49.78	Vertical
4	5723.0815	46.67	32.50	-13.15	66.02	117.93	51.91	Vertical

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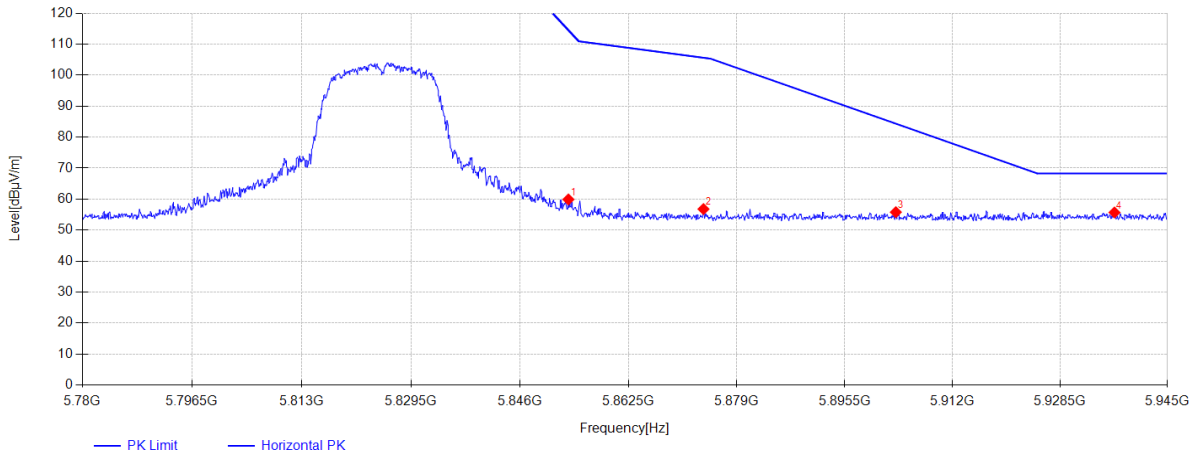

Data List								
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1	5853.3792	40.12	32.61	-12.83	59.90	114.60	54.70	Horizontal
2	5873.932	37.05	32.70	-12.96	56.79	105.60	48.81	Horizontal
3	5903.3167	35.90	32.81	-12.91	55.80	84.35	28.55	Horizontal
4	5936.911	35.58	32.87	-12.76	55.69	68.30	12.61	Horizontal

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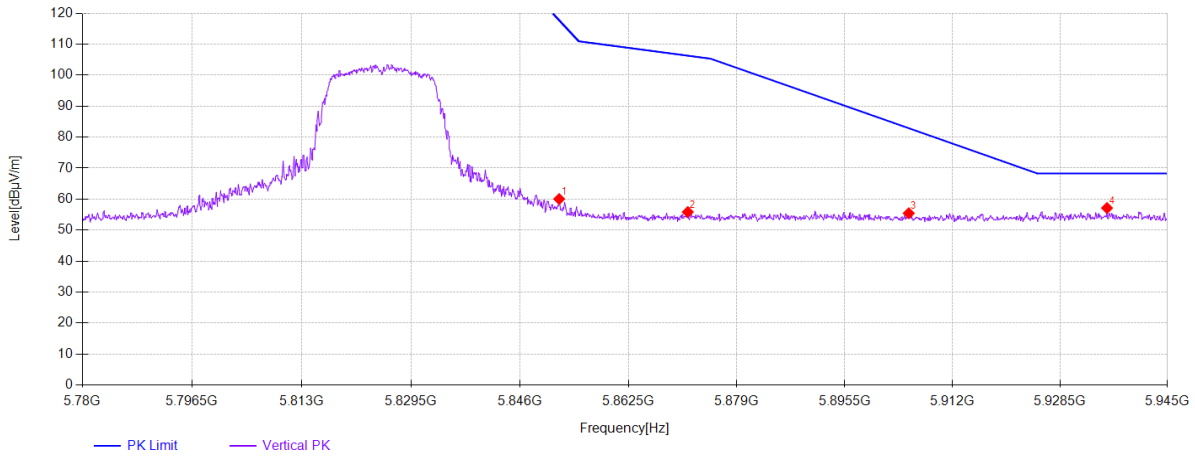

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5851.976	40.24	32.61	-12.82	60.03	117.79	57.76	Vertical
2	5871.5383	36.14	32.69	-12.98	55.85	106.27	50.42	Vertical
3	5905.2976	35.55	32.81	-12.93	55.43	82.88	27.45	Vertical
4	5935.7554	37.00	32.87	-12.74	57.13	68.30	11.17	Vertical

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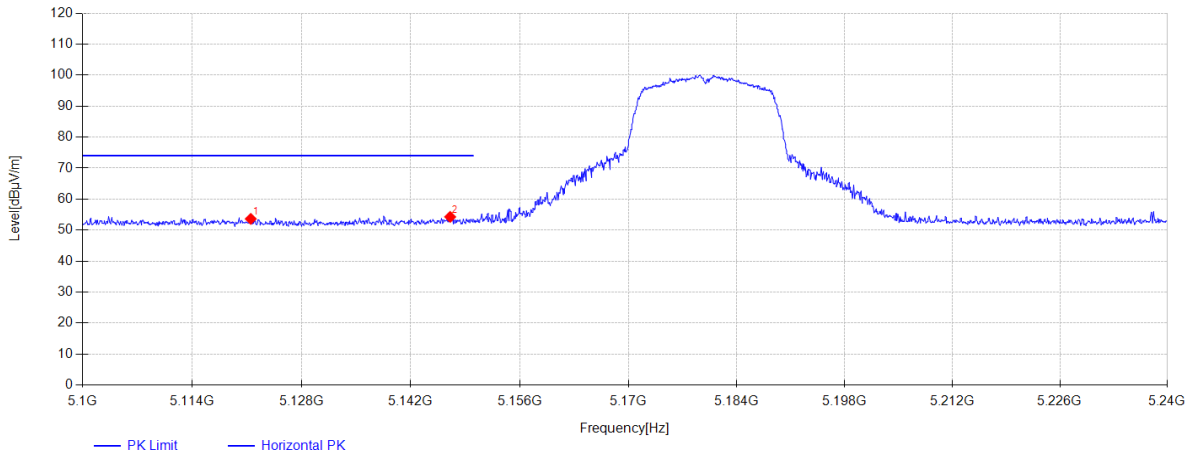

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5121.5008	35.87	31.63	-13.87	53.63	74.00	20.37	Horizontal
2	5147.0635	36.32	31.78	-13.83	54.27	74.00	19.73	Horizontal

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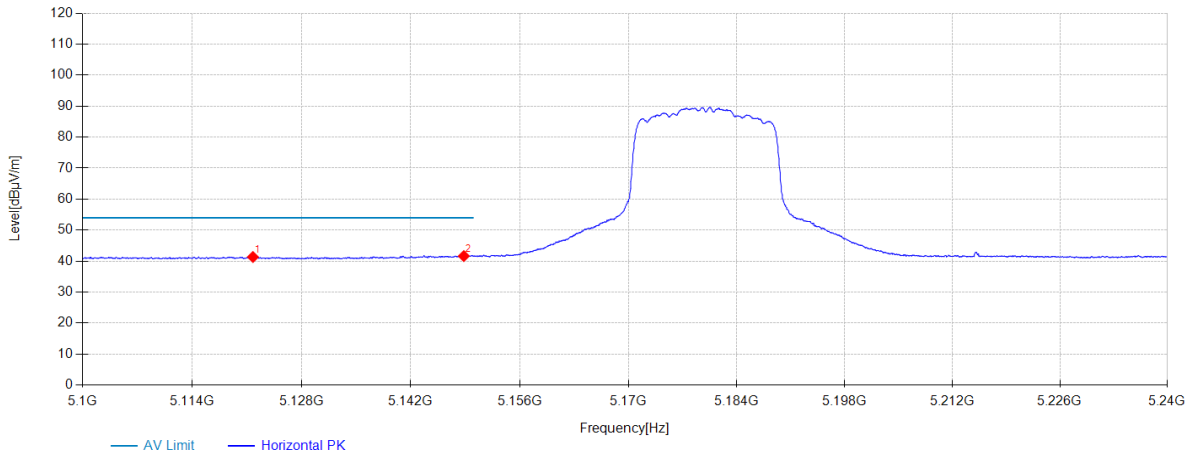

Data List								
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1	5121.7809	23.59	31.63	-13.88	41.34	54.00	12.66	Horizontal
2	5148.8144	23.65	31.79	-13.80	41.64	54.00	12.36	Horizontal

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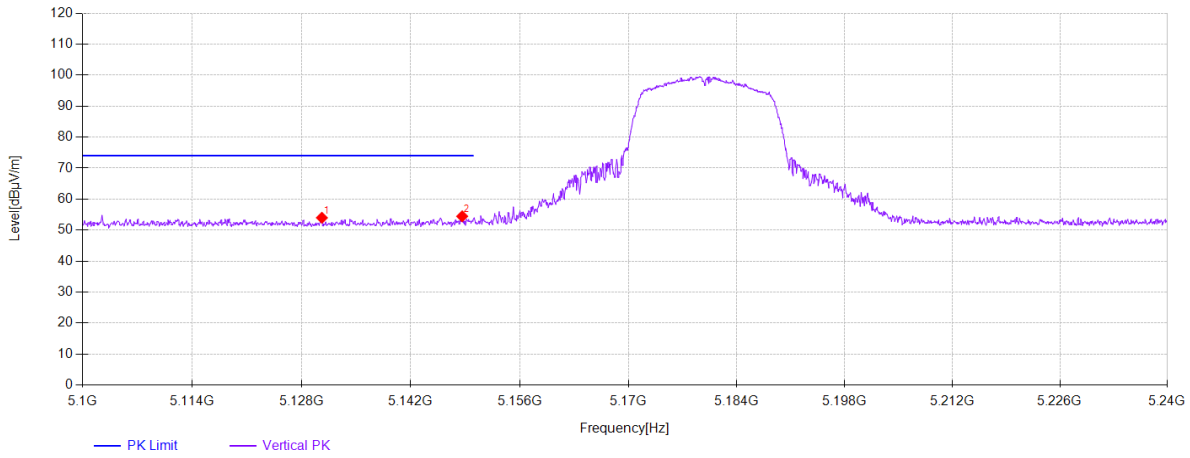

Data List								
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1	5130.6053	36.48	31.68	-14.17	53.99	74.00	20.01	Vertical
2	5148.6043	36.47	31.79	-13.80	54.46	74.00	19.54	Vertical

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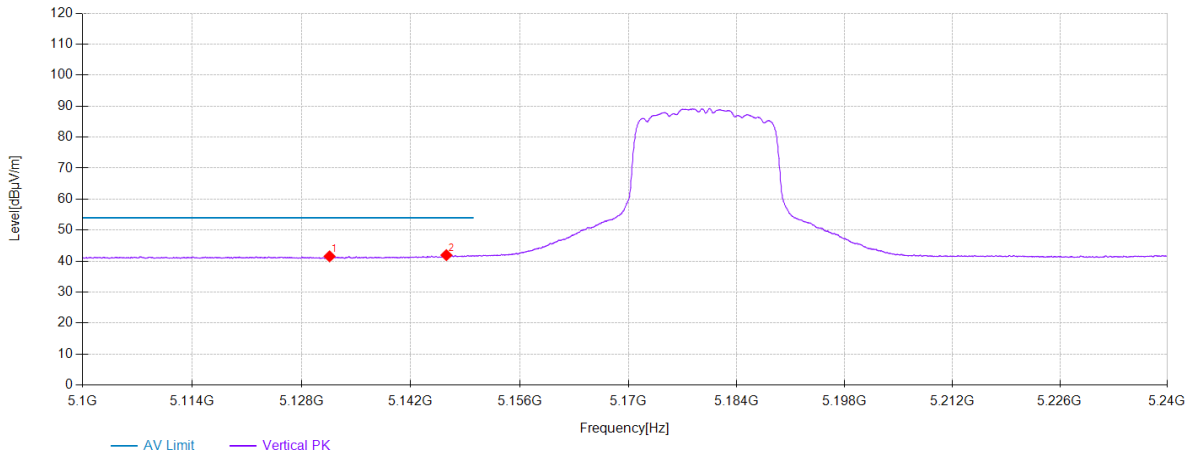

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5131.5858	23.99	31.69	-14.14	41.54	54.00	12.46	Vertical
2	5146.5733	23.99	31.78	-13.83	41.94	54.00	12.06	Vertical

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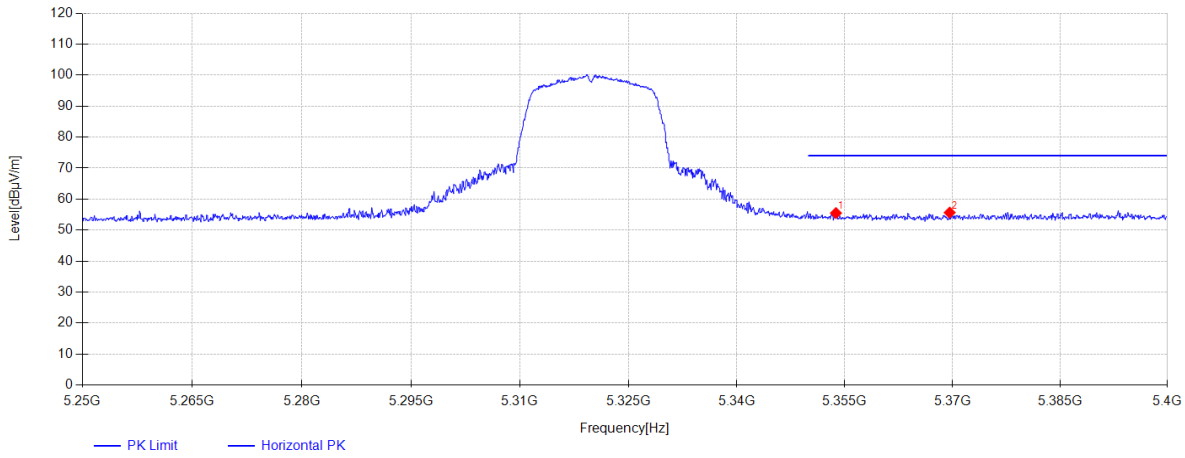

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5353.7769	36.33	32.22	-13.05	55.50	74.00	18.50	Horizontal
2	5369.6098	36.39	32.32	-13.05	55.66	74.00	18.34	Horizontal

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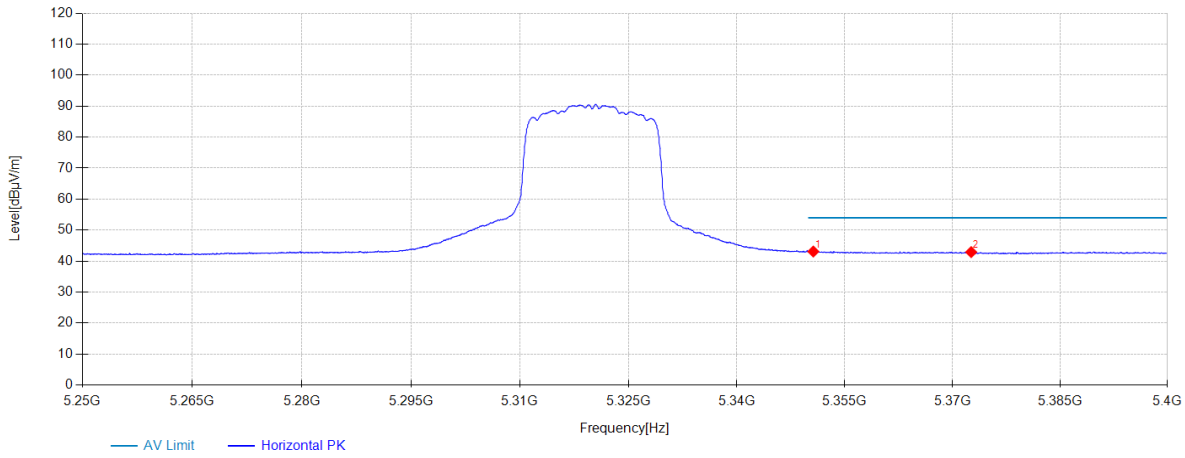

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.6253	23.88	32.20	-12.98	43.10	54.00	10.90	Horizontal
2	5372.6113	23.63	32.34	-13.06	42.91	54.00	11.09	Horizontal

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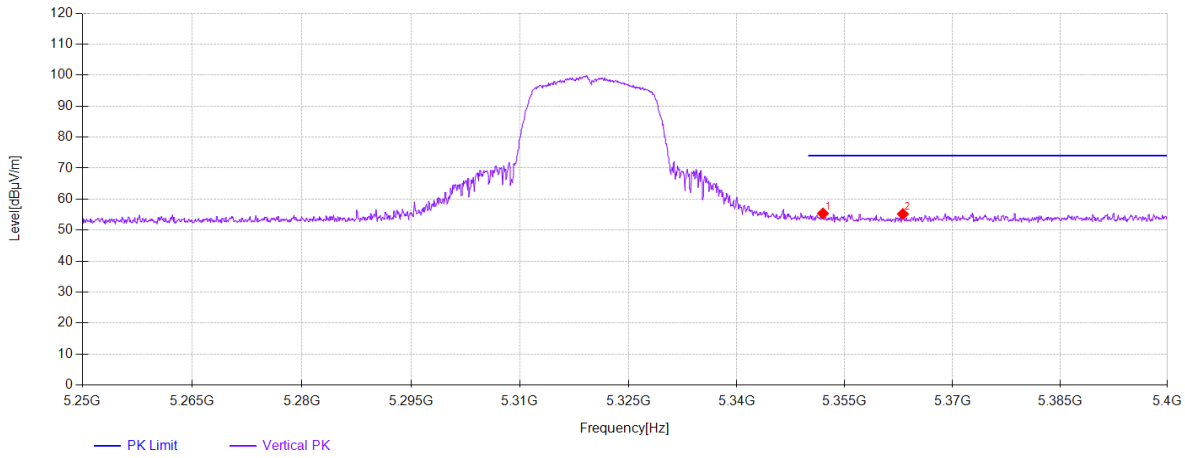

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1	5351.976	36.18	32.21	-13.01	55.38	74.00	18.62	Vertical
2	5363.0815	36.06	32.28	-13.14	55.20	74.00	18.80	Vertical

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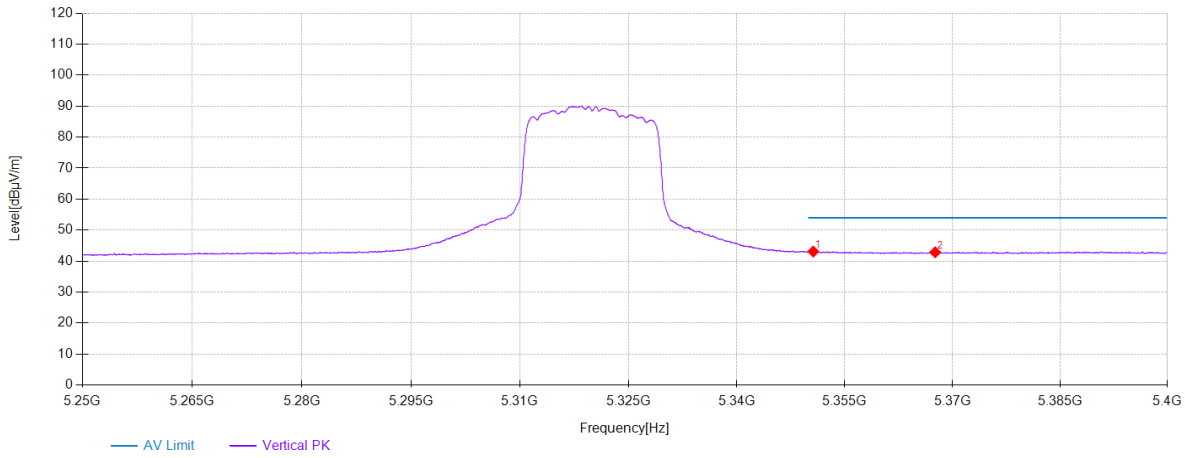

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5350.6253	23.87	32.20	-12.98	43.09	54.00	10.91	Vertical
2	5367.5838	23.61	32.31	-13.07	42.85	54.00	11.15	Vertical

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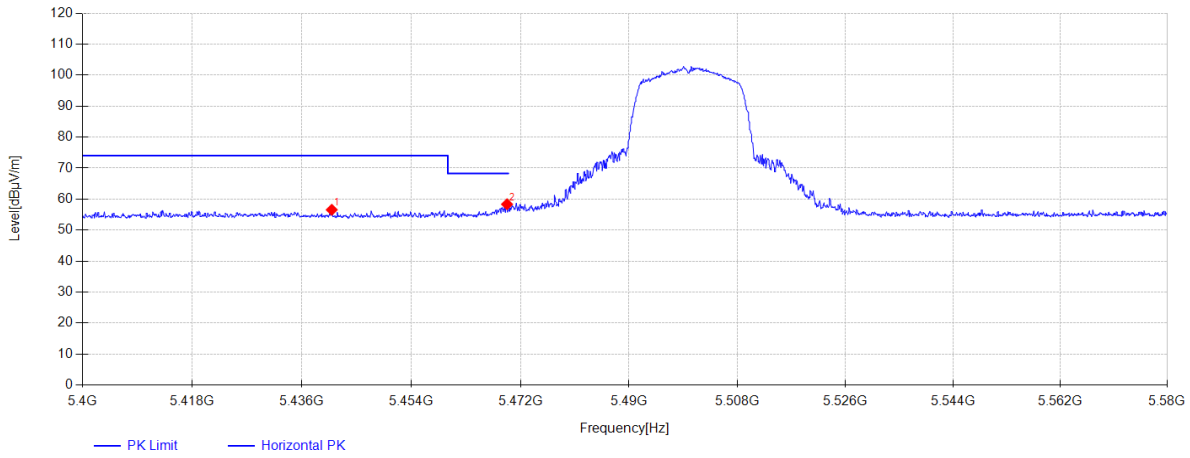

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5440.8804	37.46	32.25	-13.15	56.56	74.00	17.44	Horizontal
2	5469.7849	39.06	32.28	-13.00	58.34	68.30	9.96	Horizontal

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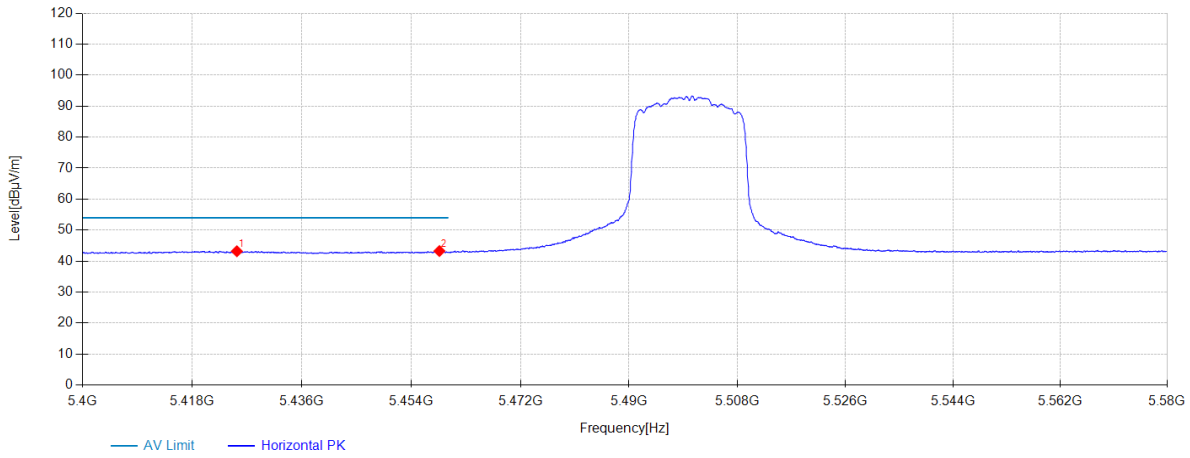

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5425.3027	23.82	32.35	-12.98	43.19	54.00	10.81	Horizontal
2	5458.6193	24.12	32.23	-13.09	43.26	54.00	10.74	Horizontal

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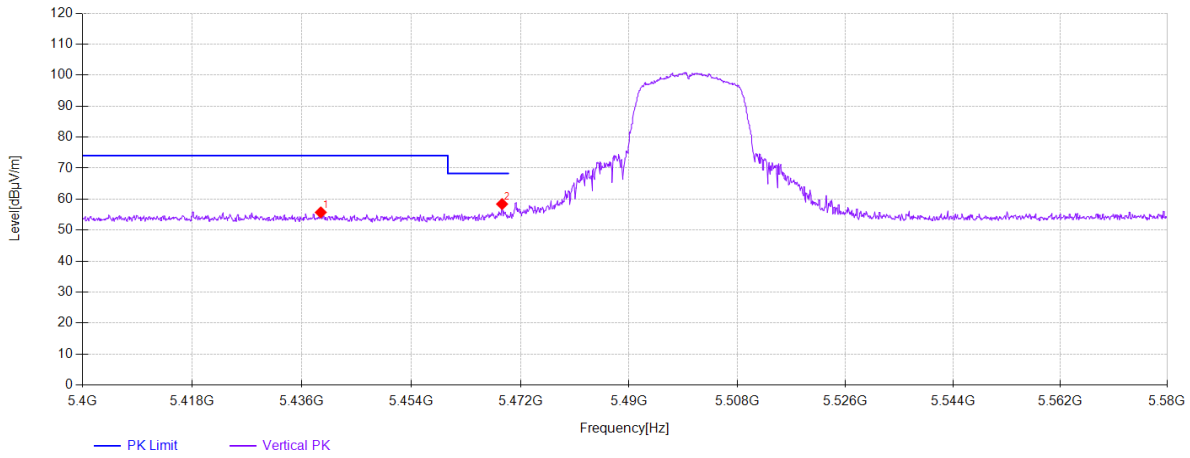

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5439.0795	36.60	32.27	-13.14	55.73	74.00	18.27	Vertical
2	5468.9745	39.14	32.28	-13.01	58.41	68.30	9.89	Vertical

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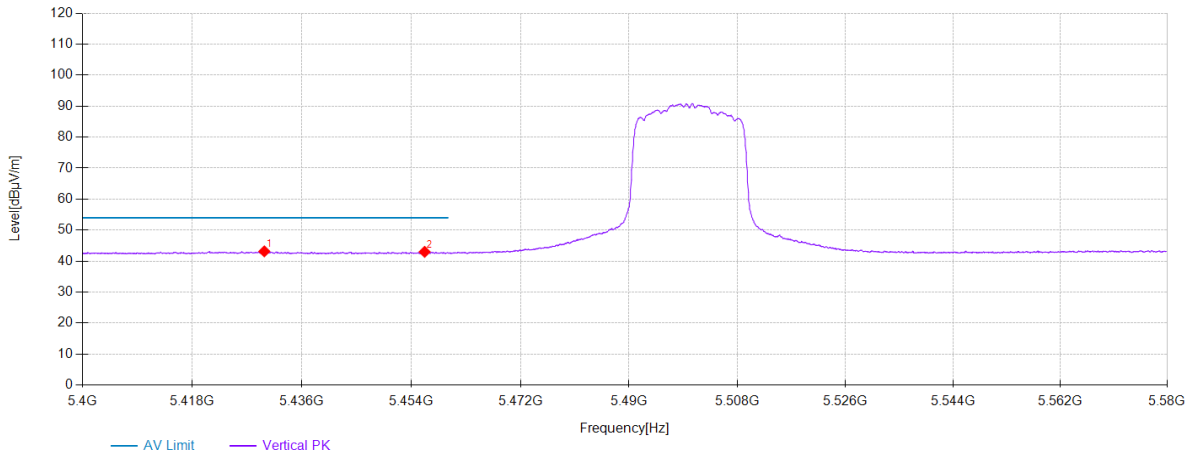

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5429.8049	23.77	32.32	-12.93	43.16	54.00	10.84	Vertical
2	5456.1881	23.87	32.22	-13.09	43.00	54.00	11.00	Vertical

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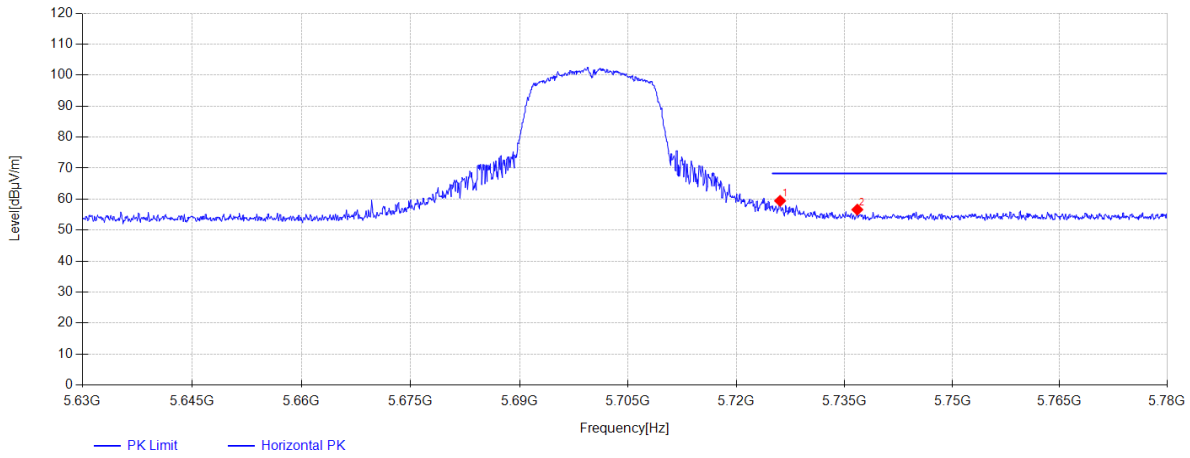

Data List								
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1	5726.048	40.08	32.50	-13.14	59.44	68.30	8.86	Horizontal
2	5736.7784	37.31	32.50	-13.19	56.62	68.30	11.68	Horizontal

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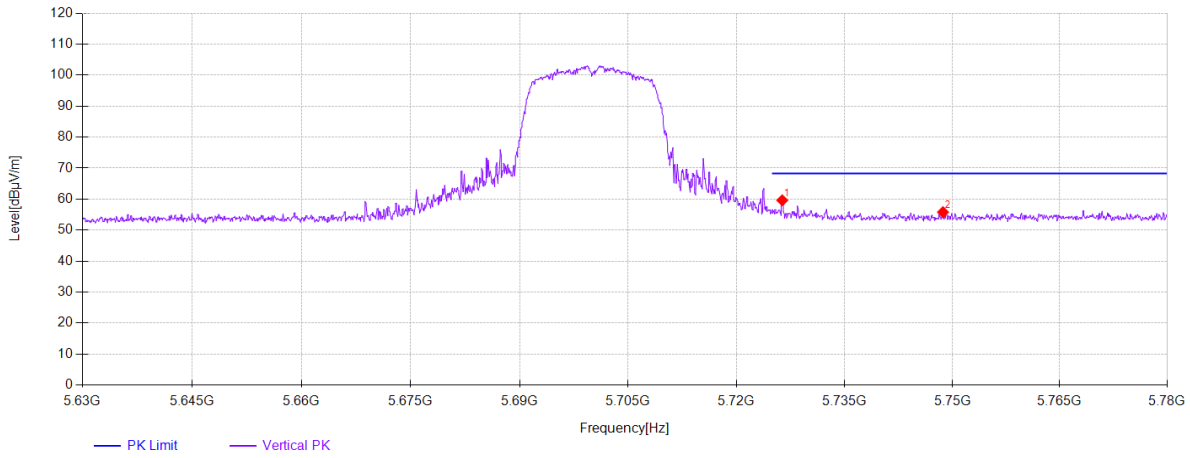

Data List								
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1	5726.3482	40.25	32.50	-13.13	59.62	68.30	8.68	Vertical
2	5748.7094	36.51	32.50	-13.20	55.81	68.30	12.49	Vertical

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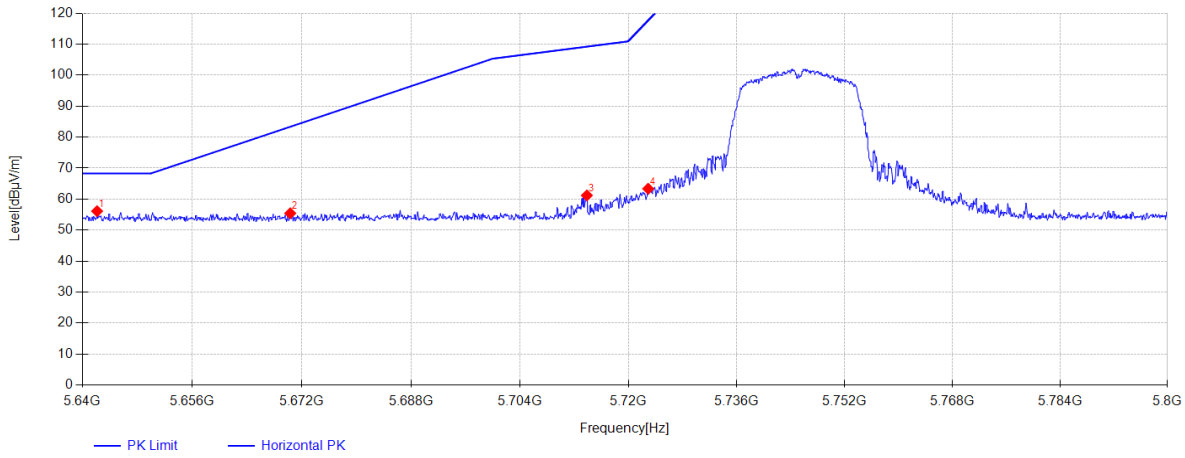

Data List								
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1	5642.1611	36.76	32.52	-13.16	56.12	68.30	12.18	Horizontal
2	5670.3352	36.20	32.50	-13.27	55.43	83.35	27.92	Horizontal
3	5713.8769	41.85	32.50	-13.16	61.19	109.19	48.00	Horizontal
4	5722.9215	44.00	32.50	-13.15	63.35	117.56	54.21	Horizontal

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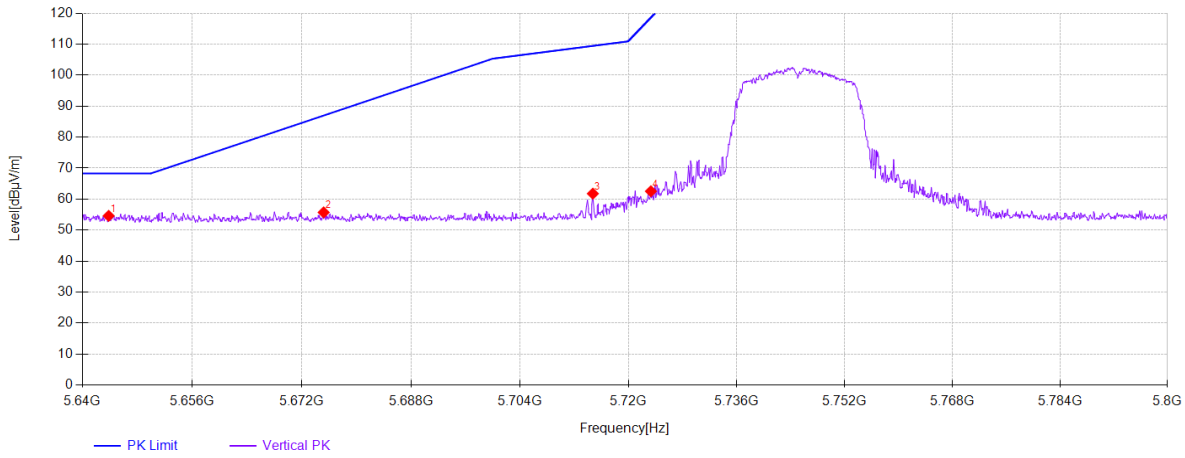

Data List								
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1	5643.8419	35.24	32.51	-13.14	54.61	68.30	13.69	Vertical
2	5675.2176	36.39	32.50	-13.17	55.72	86.96	31.24	Vertical
3	5714.7574	42.43	32.50	-13.16	61.77	109.43	47.66	Vertical
4	5723.3217	43.19	32.50	-13.15	62.54	118.47	55.93	Vertical

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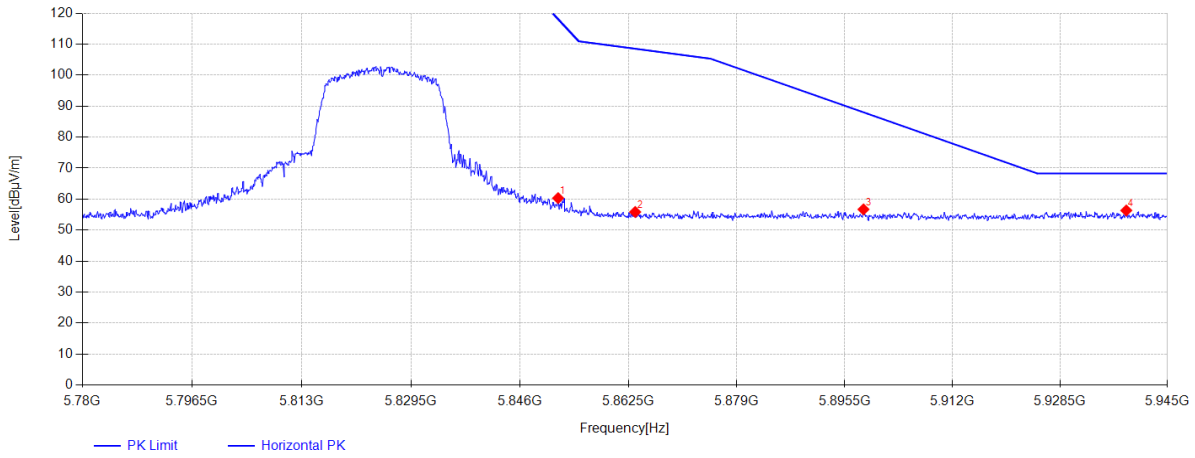

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1	5851.8109	40.53	32.61	-12.81	60.33	118.17	57.84	Horizontal
2	5863.5318	36.14	32.65	-12.94	55.85	108.51	52.66	Horizontal
3	5898.3642	36.77	32.79	-12.86	56.70	88.01	31.31	Horizontal
4	5938.7269	36.25	32.88	-12.78	56.35	68.30	11.95	Horizontal

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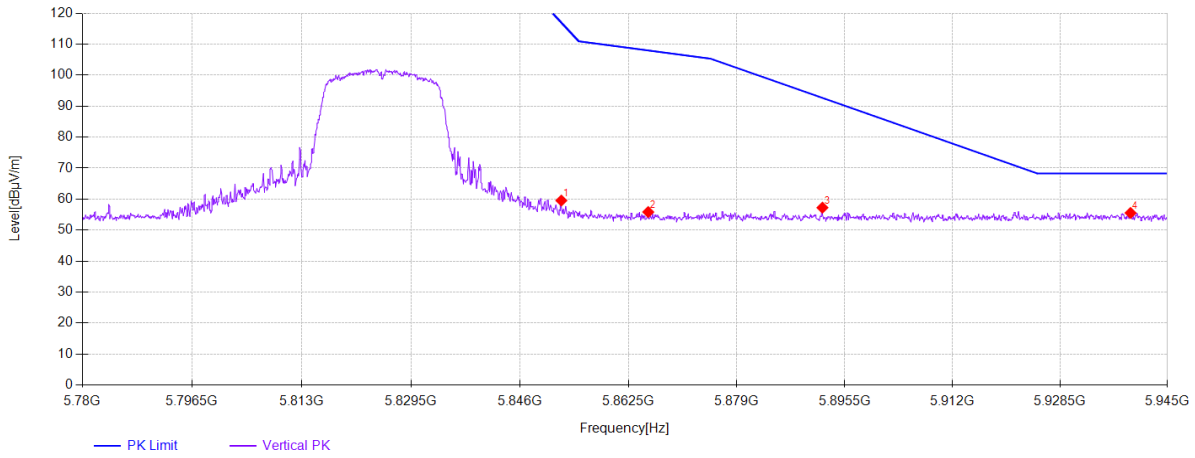

Data List								
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1	5852.3062	39.76	32.61	-12.82	59.55	117.04	57.49	Vertical
2	5865.5128	36.15	32.66	-12.96	55.85	107.96	52.11	Vertical
3	5892.091	37.34	32.77	-12.86	57.25	92.65	35.40	Vertical
4	5939.3872	35.44	32.88	-12.78	55.54	68.30	12.76	Vertical

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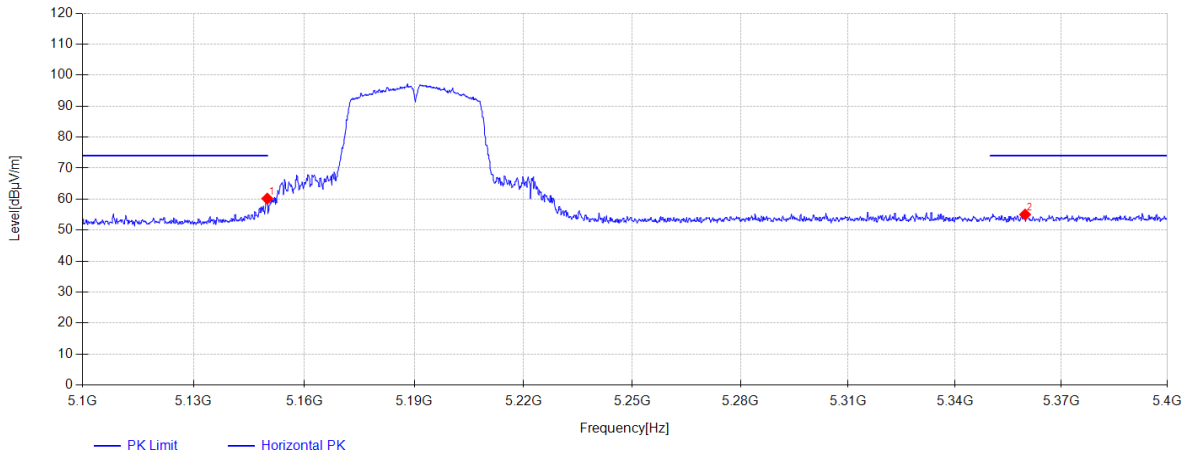

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1	5149.975	42.15	31.80	-13.78	60.17	74.00	13.83	Horizontal
2	5359.7799	35.95	32.26	-13.18	55.03	74.00	18.97	Horizontal

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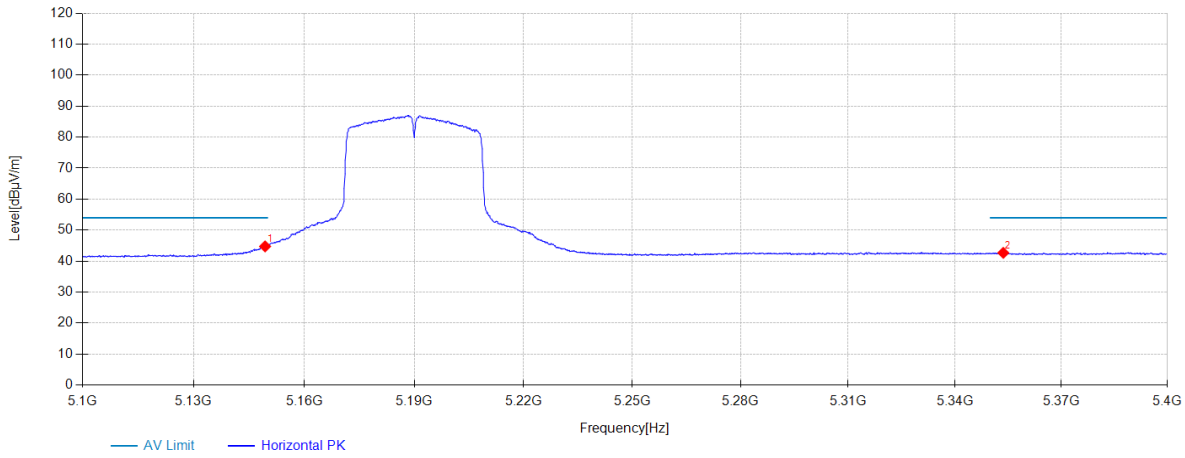

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1	5149.3747	26.74	31.80	-13.79	44.75	54.00	9.25	Horizontal
2	5353.6268	23.50	32.22	-13.05	42.67	54.00	11.33	Horizontal

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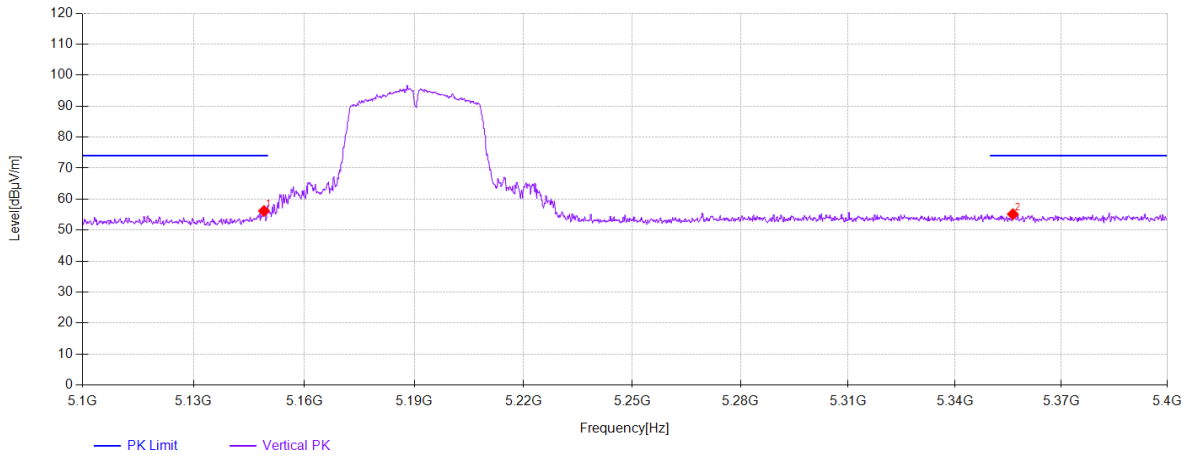

Data List								
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1	5149.0745	38.18	31.79	-13.79	56.18	74.00	17.82	Vertical
2	5356.3282	36.00	32.24	-13.10	55.14	74.00	18.86	Vertical

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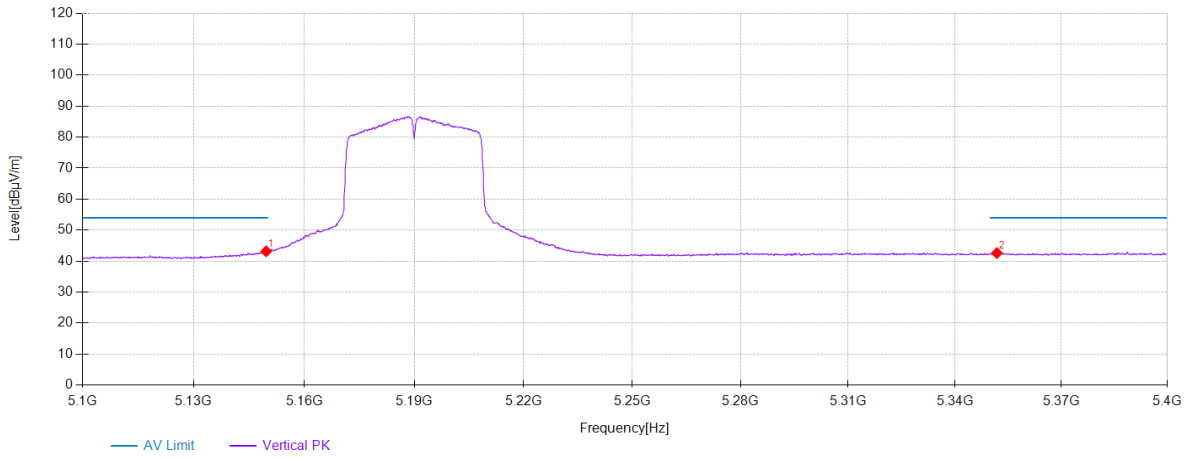

Data List								
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1	5149.6748	25.14	31.80	-13.79	43.15	54.00	10.85	Vertical
2	5351.8259	23.41	32.21	-13.01	42.61	54.00	11.39	Vertical

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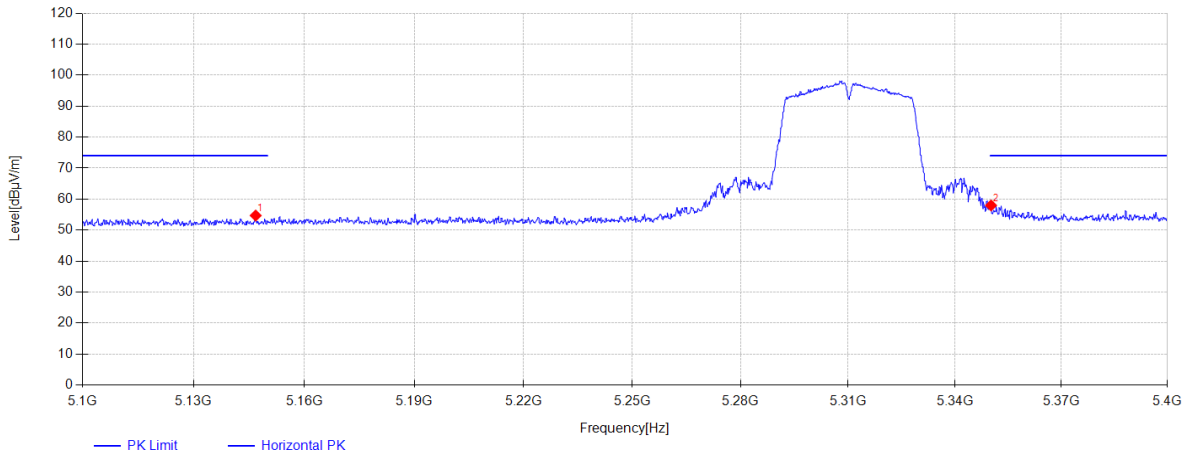

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5146.8234	36.76	31.78	-13.83	54.71	74.00	19.29	Horizontal
2	5350.1751	38.74	32.20	-12.97	57.97	74.00	16.03	Horizontal

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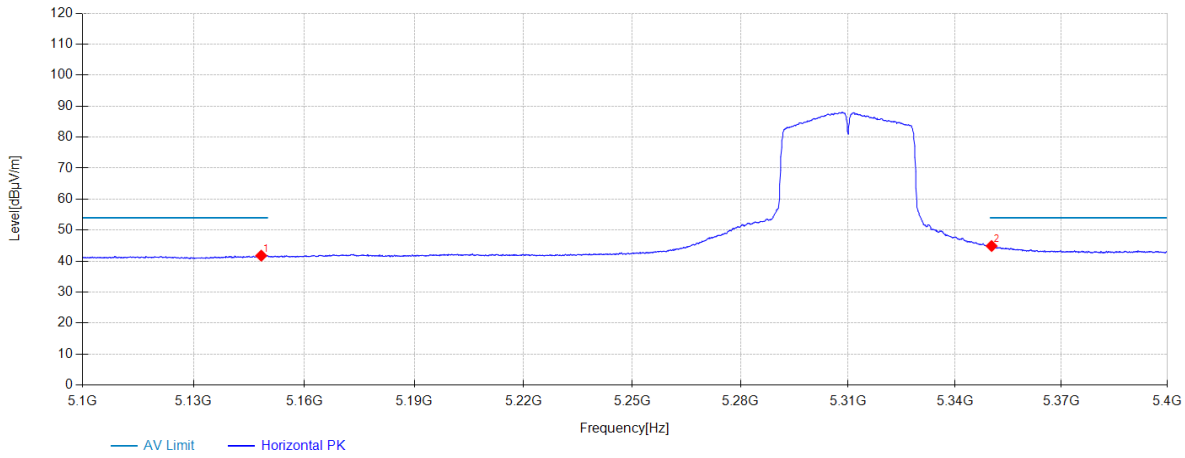

Data List								
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1	5148.3242	23.79	31.79	-13.81	41.77	54.00	12.23	Horizontal
2	5350.3252	25.66	32.20	-12.98	44.88	54.00	9.12	Horizontal

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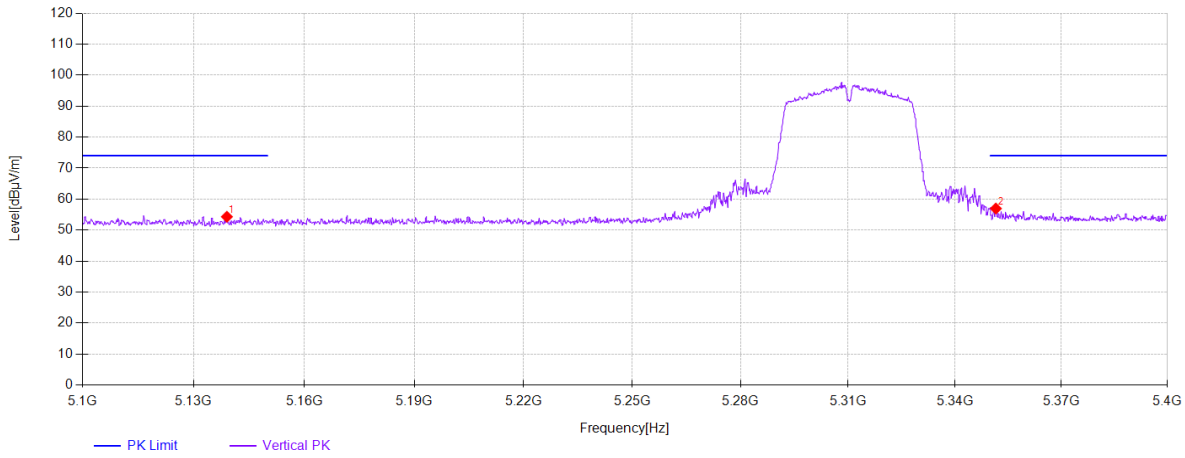

Data List								
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1	5139.0195	36.55	31.73	-13.96	54.32	74.00	19.68	Vertical
2	5351.5258	37.75	32.21	-13.00	56.96	74.00	17.04	Vertical

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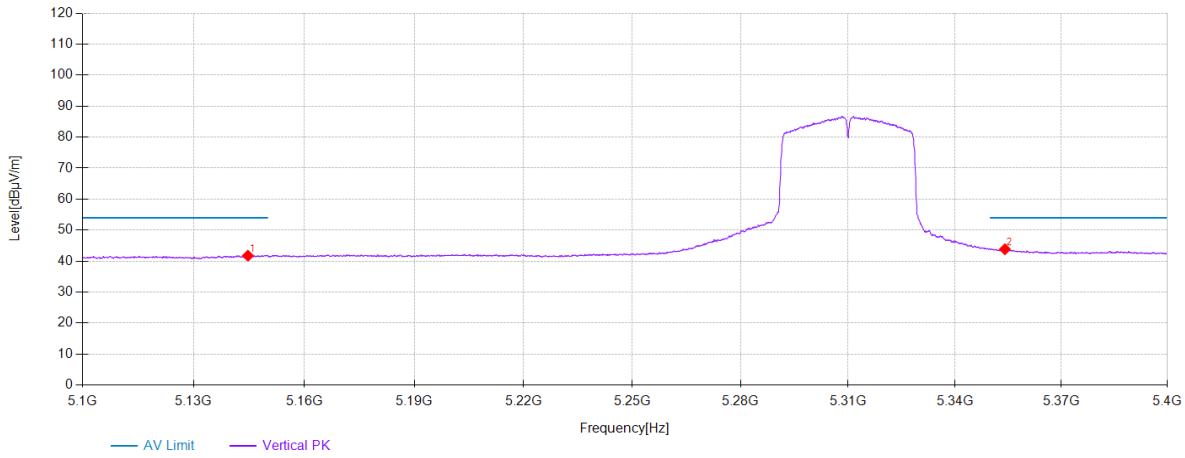

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1	5144.7224	23.85	31.77	-13.86	41.76	54.00	12.24	Vertical
2	5354.077	24.68	32.22	-13.06	43.84	54.00	10.16	Vertical

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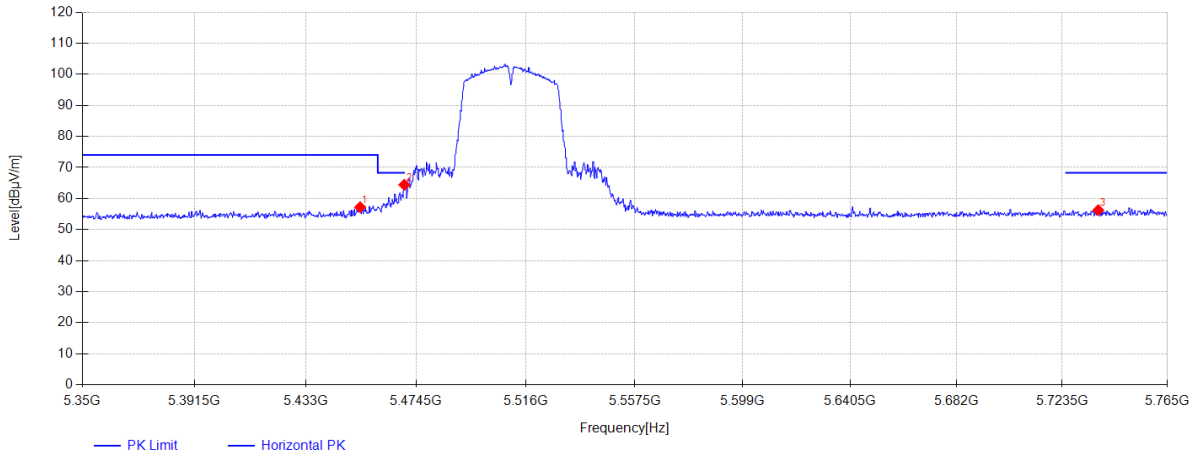

Data List								
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1	5453.3867	38.09	32.21	-13.09	57.21	74.00	16.79	Horizontal
2	5469.995	45.14	32.28	-13.00	64.42	68.30	3.88	Horizontal
3	5737.8039	36.96	32.50	-13.21	56.25	68.30	12.05	Horizontal

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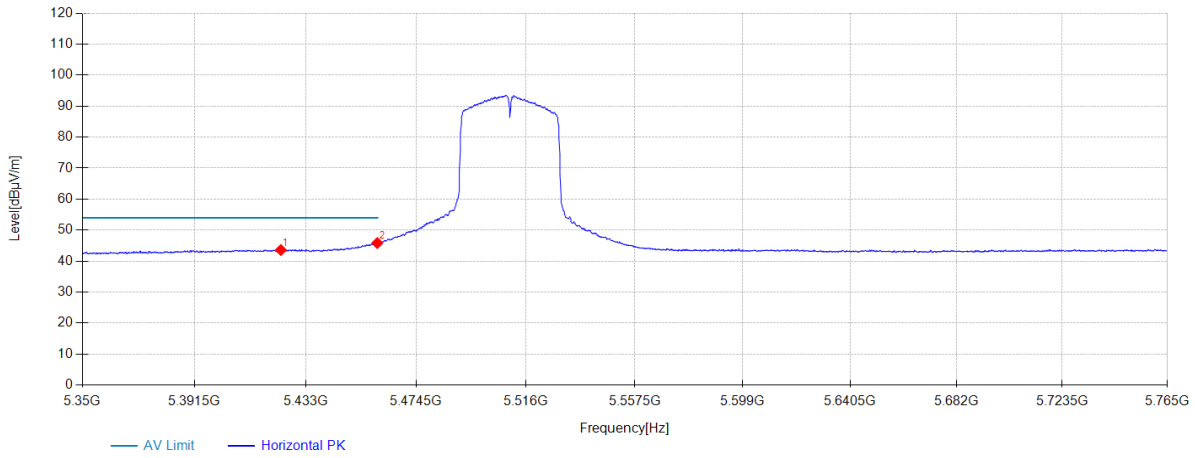

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5423.6994	24.21	32.36	-12.99	43.58	54.00	10.42	Horizontal
2	5459.8224	26.67	32.24	-13.09	45.82	54.00	8.18	Horizontal

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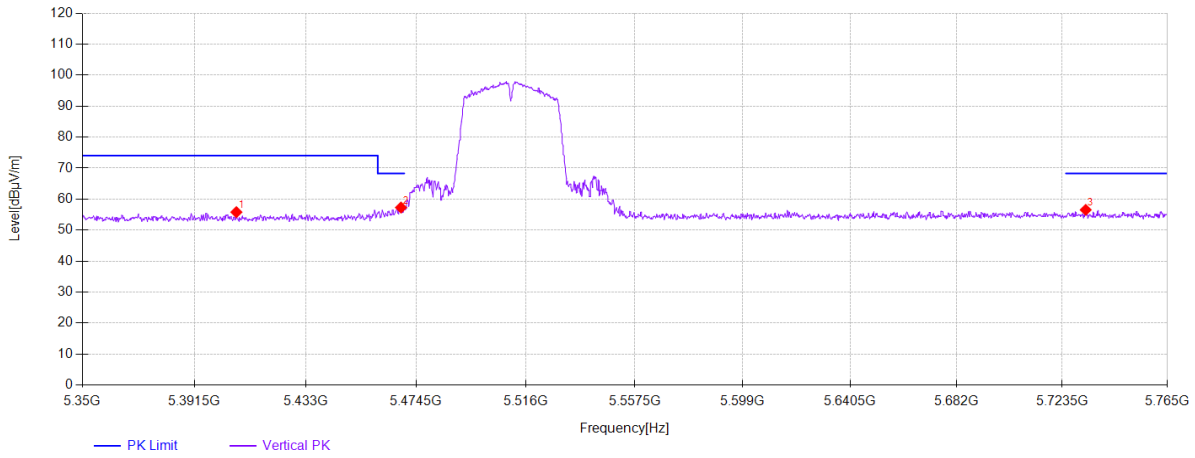

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5407.091	36.59	32.46	-13.24	55.81	74.00	18.19	Vertical
2	5468.7494	38.03	32.27	-13.01	57.29	68.30	11.01	Vertical
3	5732.8214	37.19	32.50	-13.15	56.54	68.30	11.76	Vertical

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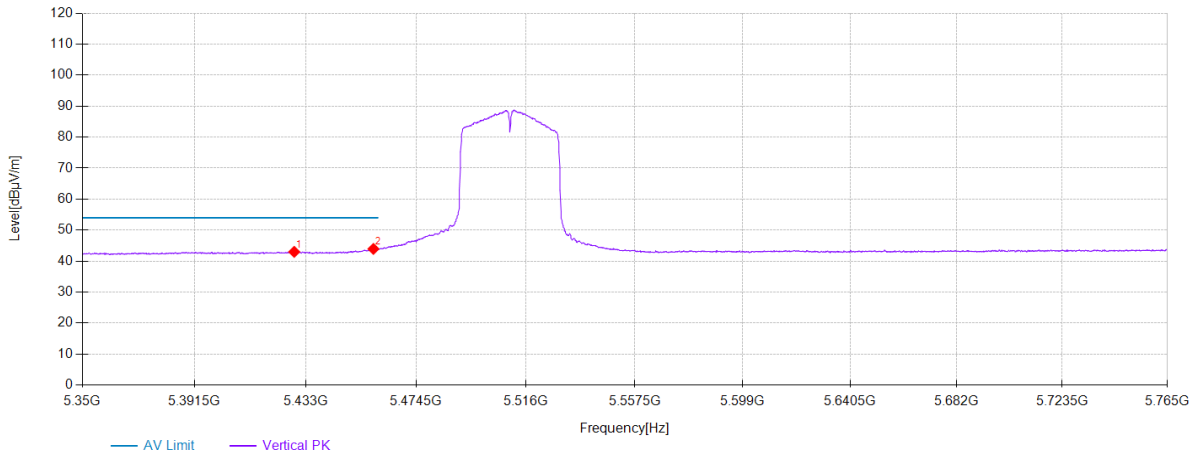

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5428.6818	23.61	32.33	-12.94	43.00	54.00	11.00	Vertical
2	5458.3692	24.80	32.23	-13.09	43.94	54.00	10.06	Vertical

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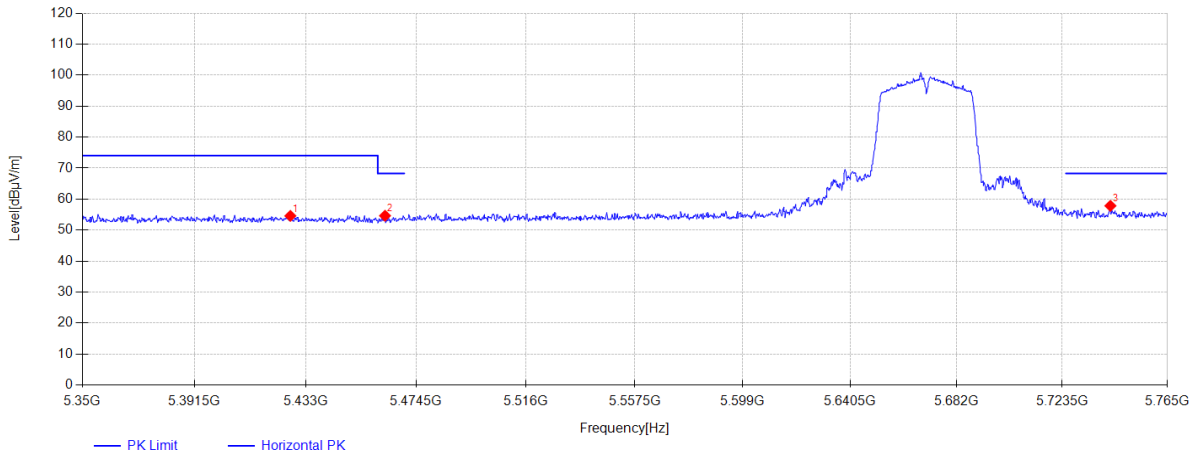

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5427.2286	35.21	32.34	-12.96	54.59	74.00	19.41	Horizontal
2	5462.7289	35.46	32.25	-13.07	54.64	68.30	13.66	Horizontal
3	5742.5788	38.56	32.50	-13.22	57.84	68.30	10.46	Horizontal

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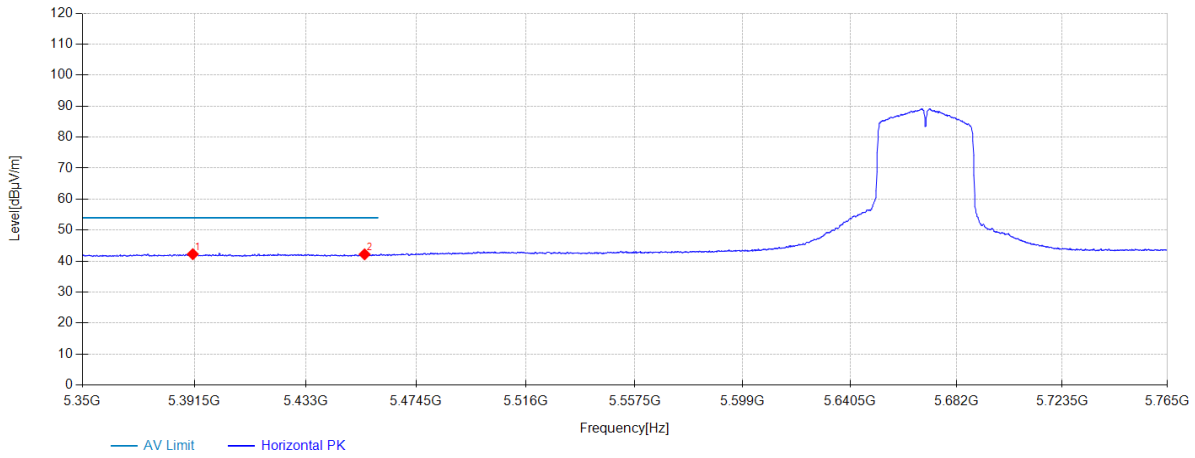

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5390.8979	22.88	32.45	-13.08	42.25	54.00	11.75	Horizontal
2	5455.0475	23.06	32.22	-13.09	42.19	54.00	11.81	Horizontal

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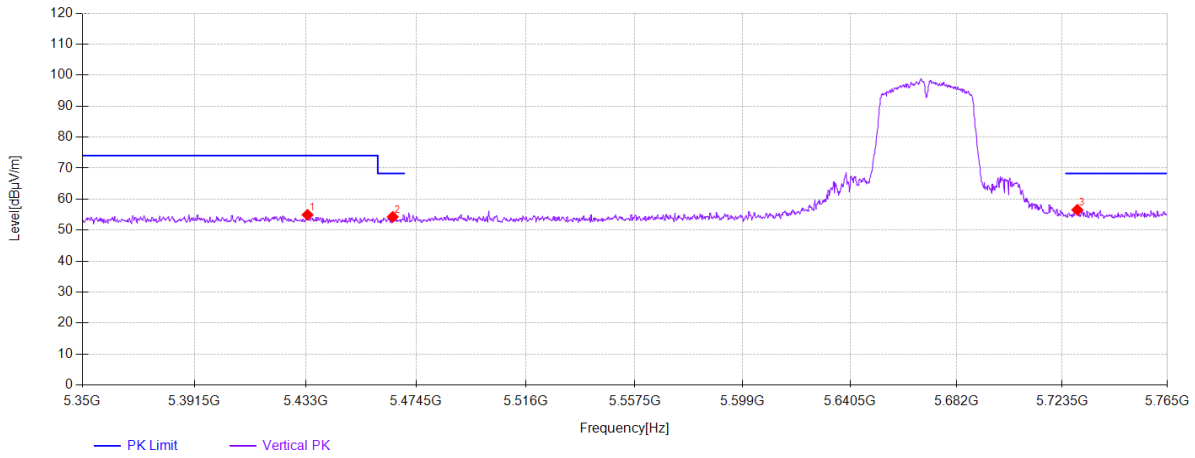

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5433.6643	35.64	32.30	-13.01	54.93	74.00	19.07	Vertical
2	5465.6353	35.07	32.26	-13.04	54.29	68.30	14.01	Vertical
3	5729.4998	37.16	32.50	-13.12	56.54	68.30	11.76	Vertical

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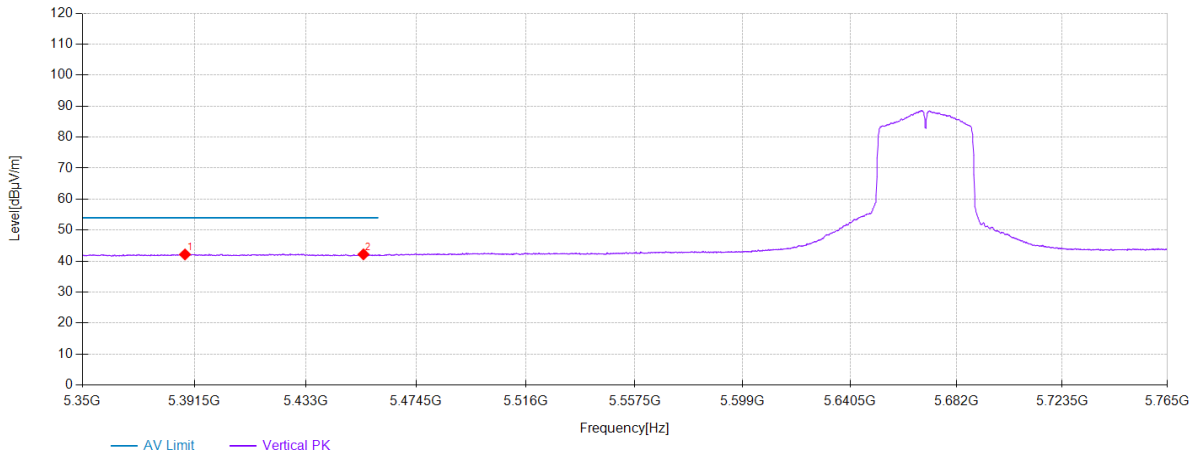

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5387.9915	22.80	32.43	-13.07	42.16	54.00	11.84	Vertical
2	5454.6323	23.06	32.22	-13.09	42.19	54.00	11.81	Vertical

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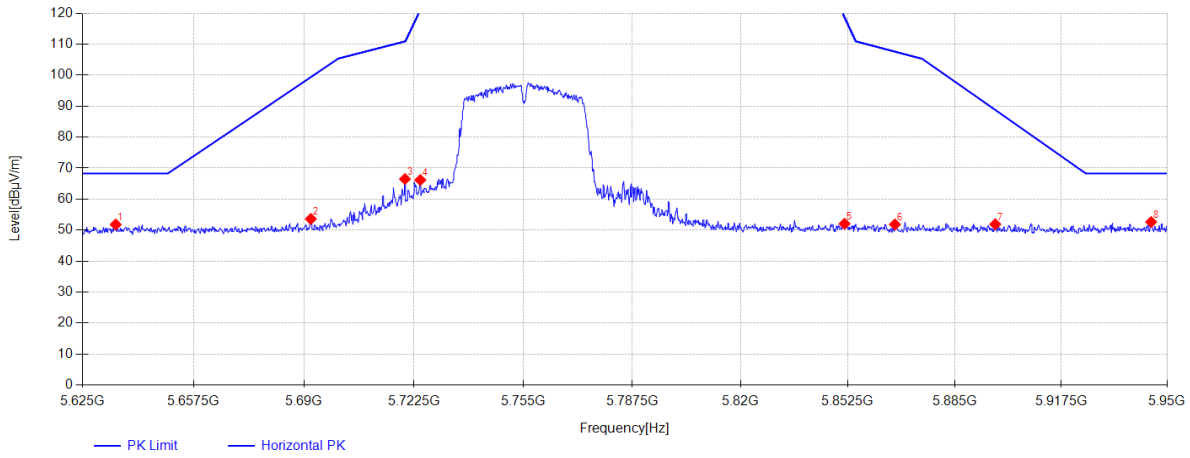

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5634.7549	32.51	32.53	-13.23	51.81	68.30	16.49	Horizontal
2	5691.9835	34.29	32.50	-13.18	53.61	99.37	45.76	Horizontal
3	5719.7849	47.15	32.50	-13.16	66.49	110.84	44.35	Horizontal
4	5724.3372	46.80	32.50	-13.14	66.16	120.79	54.63	Horizontal
5	5851.4757	32.24	32.61	-12.81	52.04	118.94	66.90	Horizontal
6	5866.7584	32.14	32.67	-12.97	51.84	107.61	55.77	Horizontal
7	5897.3237	31.97	32.79	-12.86	51.90	88.78	36.88	Horizontal
8	5945.1226	32.65	32.89	-12.91	52.63	68.30	15.67	Horizontal

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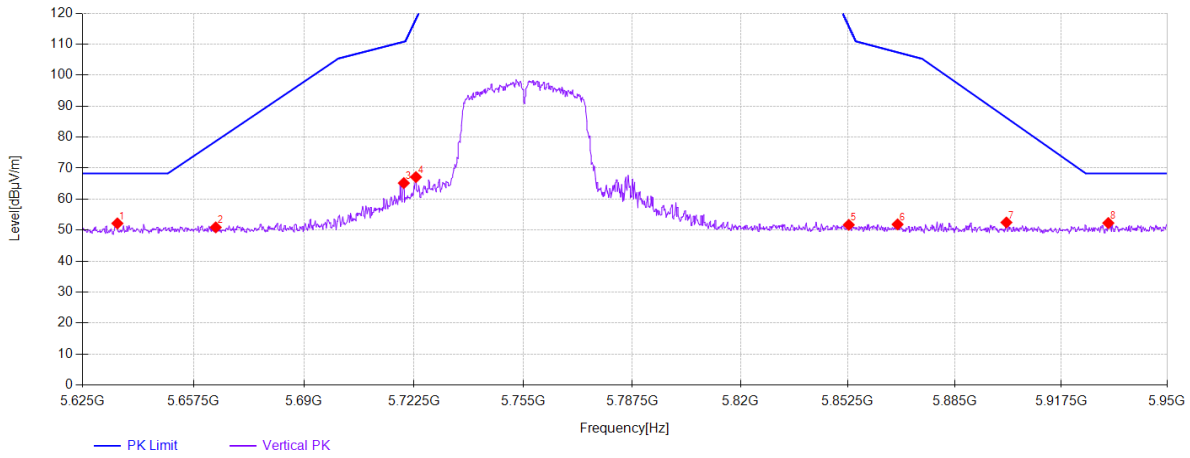

Data List								
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1	5635.2426	32.87	32.53	-13.23	52.17	68.30	16.13	Vertical
2	5664.0195	31.66	32.50	-13.26	50.90	78.67	27.77	Vertical
3	5719.4597	45.84	32.50	-13.16	65.18	110.75	45.57	Vertical
4	5723.0365	47.76	32.50	-13.15	67.11	117.82	50.71	Vertical
5	5852.7764	31.92	32.61	-12.83	51.70	115.97	64.27	Vertical
6	5867.5713	32.16	32.67	-12.97	51.86	107.38	55.52	Vertical
7	5900.7379	32.54	32.80	-12.87	52.47	86.25	33.78	Vertical
8	5931.9535	32.14	32.86	-12.70	52.30	68.30	16.00	Vertical

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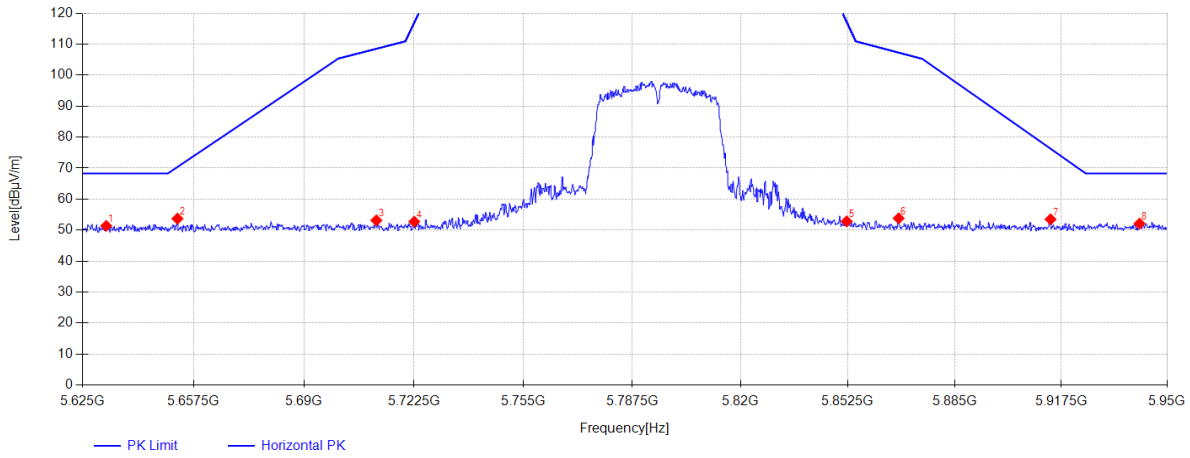

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5631.991	32.07	32.54	-13.25	51.36	68.30	16.94	Horizontal
2	5652.8014	34.31	32.50	-13.11	53.70	70.37	16.67	Horizontal
3	5711.3307	33.81	32.50	-13.16	53.15	108.47	55.32	Horizontal
4	5722.5488	33.37	32.50	-13.15	52.72	116.71	63.99	Horizontal
5	5852.1261	33.03	32.61	-12.82	52.82	117.45	64.63	Horizontal
6	5867.8964	34.12	32.67	-12.98	53.81	107.29	53.48	Horizontal
7	5914.2321	33.69	32.83	-13.03	53.49	76.27	22.78	Horizontal
8	5941.5458	32.03	32.88	-12.83	52.08	68.30	16.22	Horizontal

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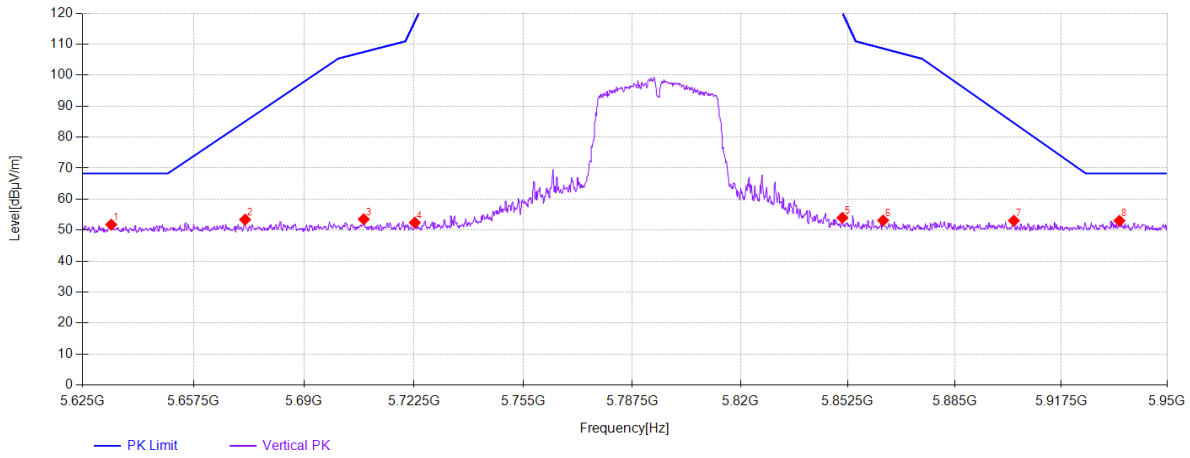
802.11n40_Channel 159



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5633.4542	32.49	32.53	-13.24	51.78	68.30	16.52	Vertical
2	5672.6363	34.12	32.50	-13.22	53.40	85.05	31.65	Vertical
3	5707.5913	34.16	32.50	-13.14	53.52	107.43	53.91	Vertical
4	5722.7114	33.06	32.50	-13.15	52.41	117.08	64.67	Vertical
5	5850.8254	34.19	32.60	-12.80	53.99	120.42	66.43	Vertical
6	5863.1816	33.43	32.65	-12.94	53.14	108.61	55.47	Vertical
7	5903.014	33.14	32.81	-12.90	53.05	84.57	31.52	Vertical
8	5935.3677	32.89	32.87	-12.74	53.02	68.30	15.28	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:
   Level = Reading(dBμV) + AF(dB/m) + Factor(dB):
   AF = Antenna Factor(dB/m)
   Factor = Cable Factor(dB) - Preamplifier gain(dB)
   Margin = Limit(dBμV/m) – Level(dBμV/m)
2) Both peak and average measured complies with the limit line, so test result is "PASS"
3) 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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