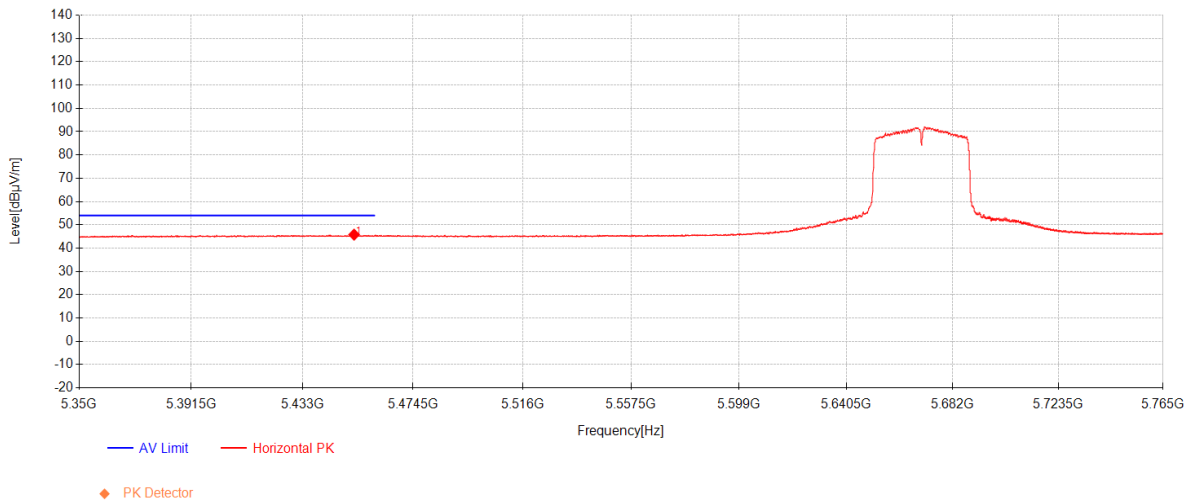
802.11ac40_Channel 134



Data List								
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1	5452.3425	26.70	33.11	-14.02	45.79	54.00	8.21	Horizontal

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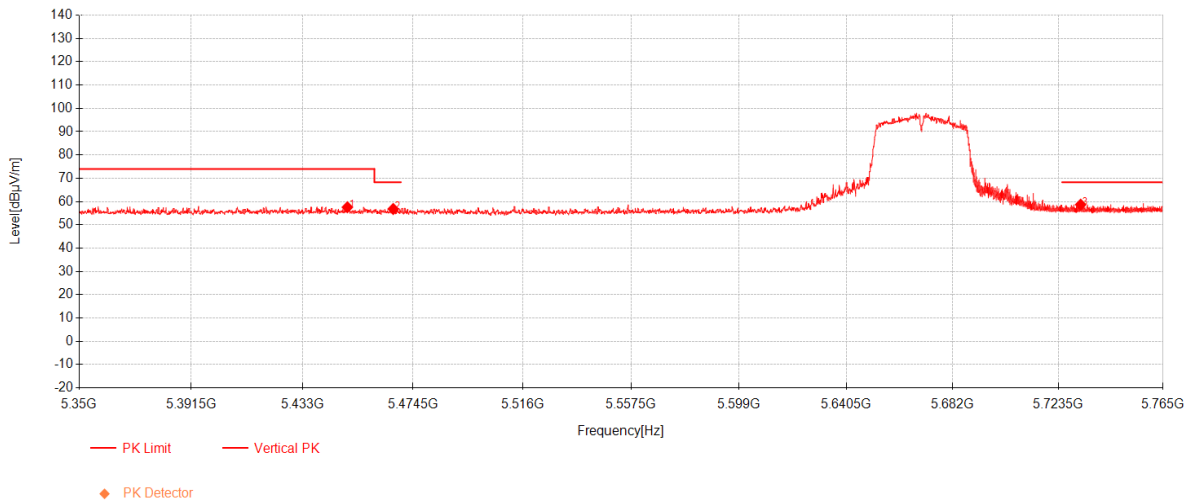

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5449.83	38.48	33.11	-14.03	57.56	74.00	16.44	Vertical
2	5467.0825	37.67	33.11	-13.97	56.80	68.30	11.50	Vertical
3	5732.36	38.39	33.89	-13.60	58.68	68.30	9.62	Vertical

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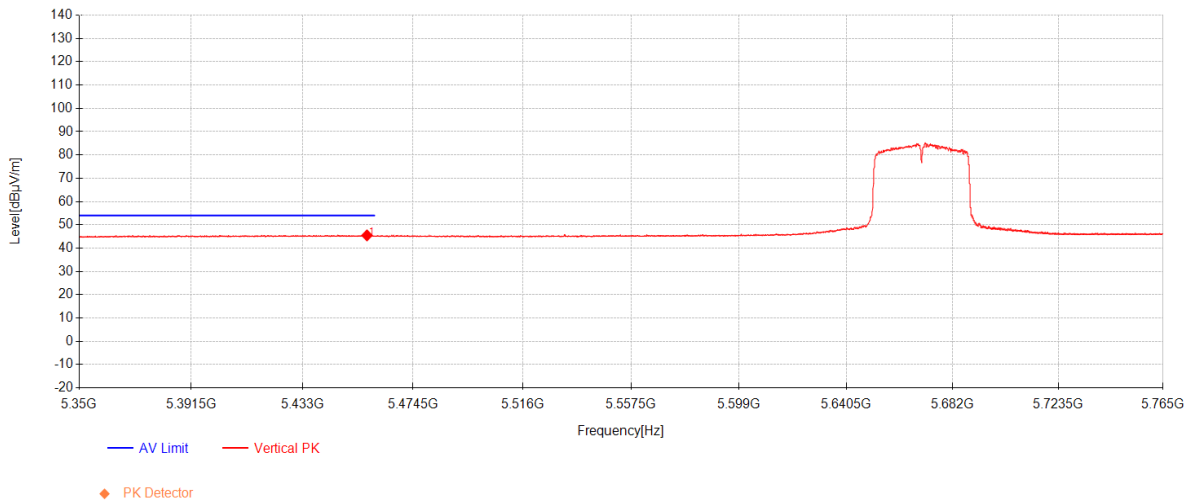

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5457.2	26.38	33.11	-14.01	45.48	54.00	8.52	Vertical

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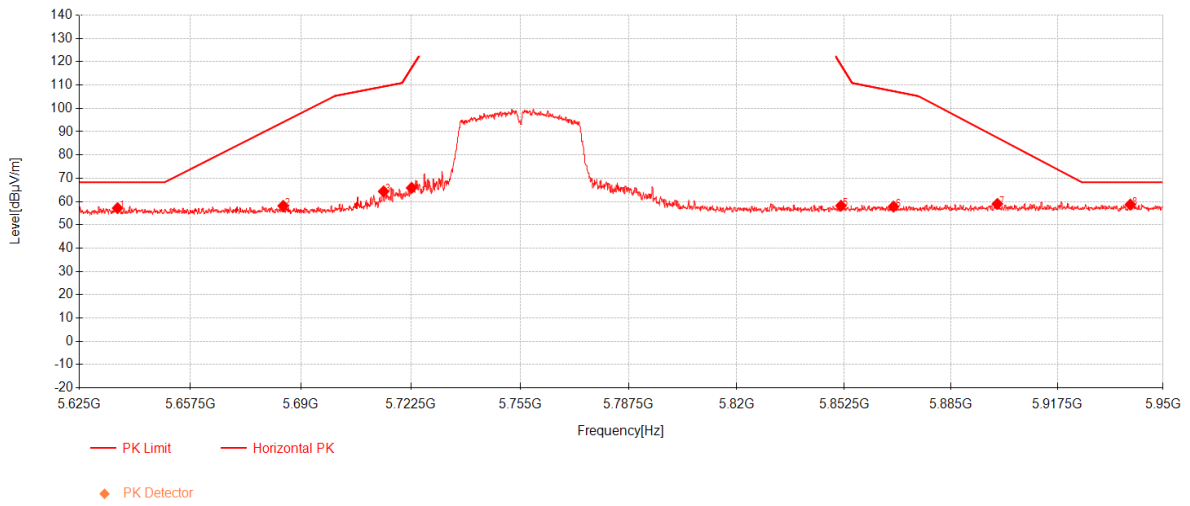

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5636.2125	37.28	33.56	-13.68	57.17	68.30	11.13	Horizontal
2	5684.8	38.07	33.73	-13.67	58.13	94.09	35.96	Horizontal
3	5714.4562	44.16	33.83	-13.64	64.35	109.35	45.00	Horizontal
4	5722.7438	45.63	33.86	-13.62	65.87	117.16	51.29	Horizontal
5	5851.525	37.11	34.30	-13.20	58.20	118.82	60.62	Horizontal
6	5867.45	36.60	34.35	-13.12	57.83	107.41	49.58	Horizontal
7	5899.1375	37.49	34.46	-12.96	58.98	87.40	28.42	Horizontal
8	5939.925	37.21	34.60	-13.11	58.69	68.30	9.61	Horizontal

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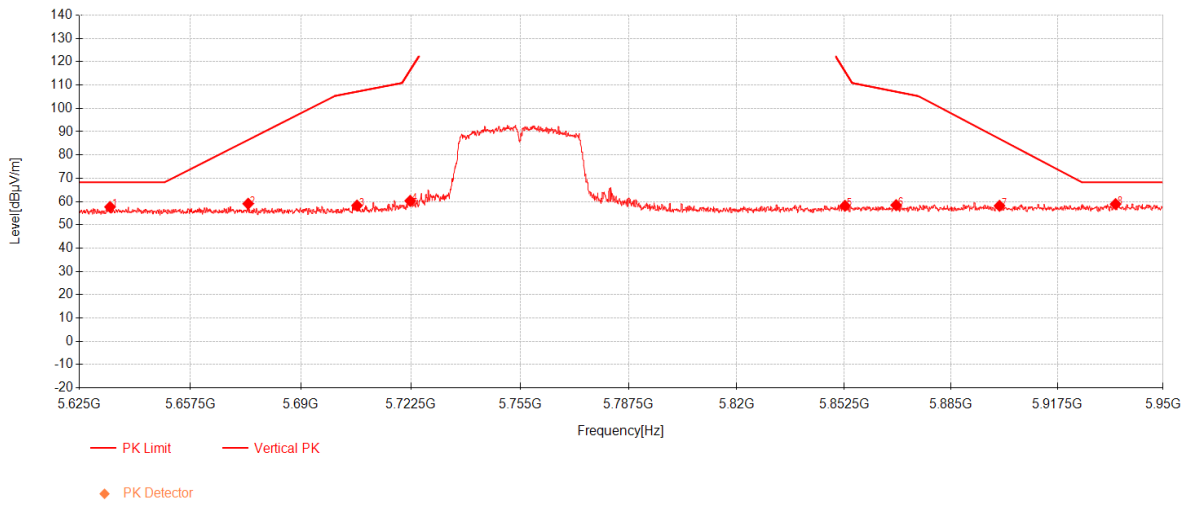

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5634.0188	37.80	33.56	-13.68	57.68	68.30	10.62	Vertical
2	5674.4812	39.05	33.69	-13.67	59.07	86.46	27.39	Vertical
3	5706.575	38.12	33.80	-13.66	58.27	107.14	48.87	Vertical
4	5722.3375	40.07	33.86	-13.62	60.30	116.23	55.93	Vertical
5	5852.7438	37.08	34.30	-13.20	58.18	116.04	57.86	Vertical
6	5868.2625	37.22	34.35	-13.12	58.45	107.18	48.73	Vertical
7	5899.7875	36.66	34.46	-12.96	58.16	86.92	28.76	Vertical
8	5935.375	37.42	34.58	-13.09	58.91	68.30	9.39	Vertical

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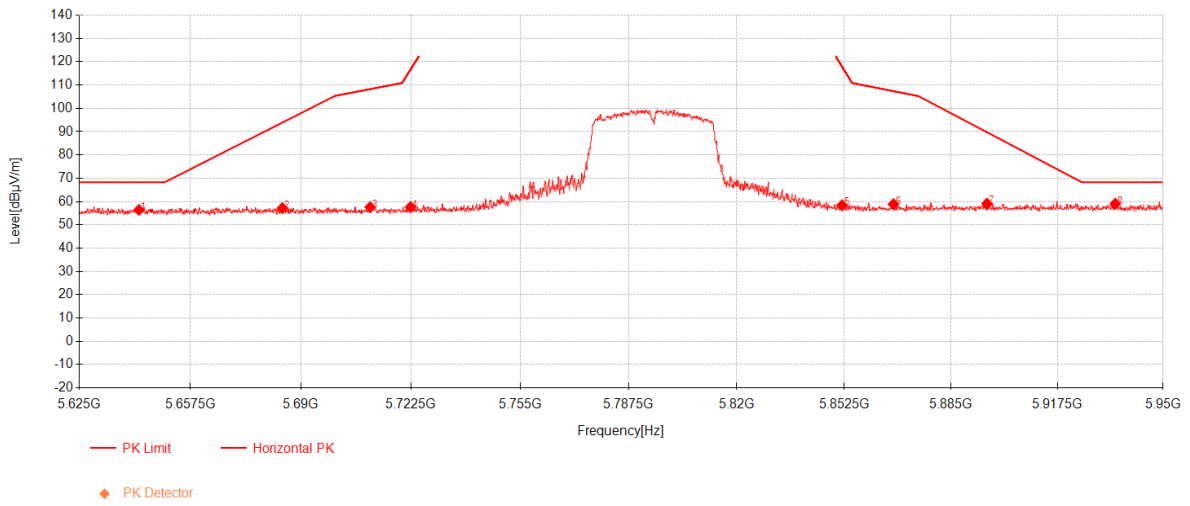

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5642.4688	36.49	33.58	-13.68	56.40	68.30	11.90	Horizontal
2	5684.5562	37.10	33.73	-13.67	57.16	93.91	36.75	Horizontal
3	5710.475	37.42	33.82	-13.65	57.59	108.24	50.65	Horizontal
4	5722.4188	37.36	33.86	-13.62	57.59	116.42	58.83	Horizontal
5	5851.85	37.29	34.30	-13.20	58.39	118.08	59.69	Horizontal
6	5867.45	37.60	34.35	-13.12	58.83	107.41	48.58	Horizontal
7	5895.9688	37.65	34.45	-12.98	59.12	89.74	30.62	Horizontal
8	5935.2938	37.58	34.58	-13.09	59.07	68.30	9.23	Horizontal

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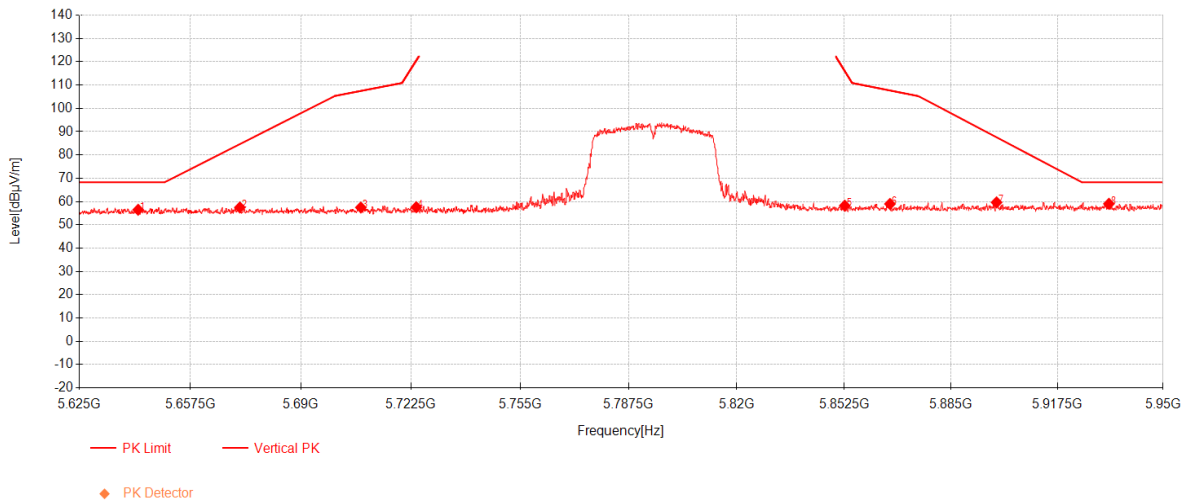

Data List								
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1	5642.225	36.57	33.58	-13.68	56.48	68.30	11.82	Vertical
2	5672.0438	37.46	33.68	-13.67	57.47	84.65	27.18	Vertical
3	5707.7125	37.29	33.81	-13.65	57.44	107.46	50.02	Vertical
4	5724.125	37.32	33.86	-13.62	57.56	120.31	62.75	Vertical
5	5852.6625	37.12	34.30	-13.20	58.22	116.23	58.01	Vertical
6	5866.3938	37.74	34.35	-13.13	58.96	107.71	48.75	Vertical
7	5898.8938	38.15	34.46	-12.97	59.64	87.58	27.94	Vertical
8	5933.3438	37.54	34.57	-13.09	59.03	68.30	9.27	Vertical

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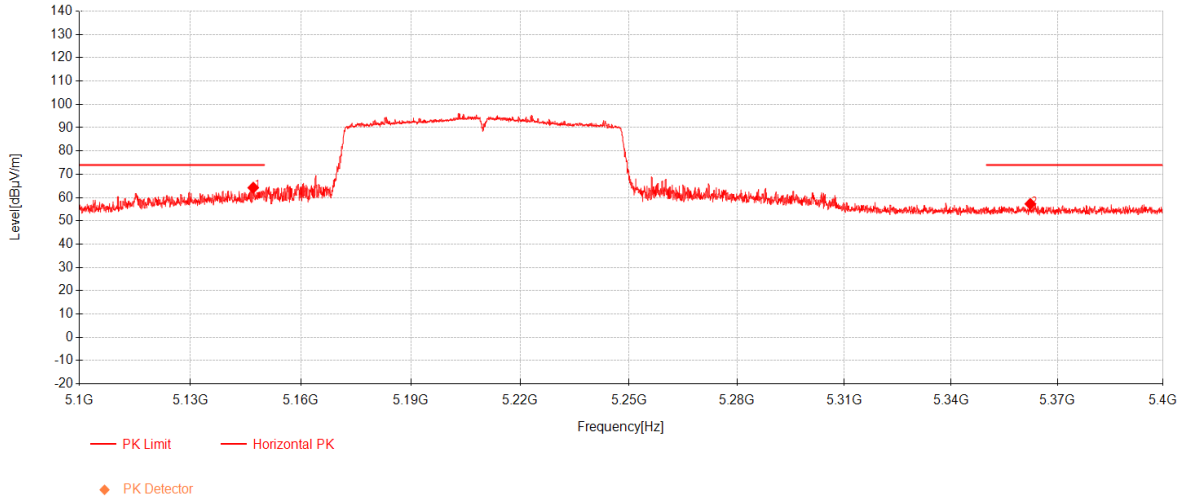

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5147.04	45.84	33.17	-14.80	64.21	74.00	9.79	Horizontal
2	5362.34	38.25	33.13	-14.12	57.26	74.00	16.74	Horizontal

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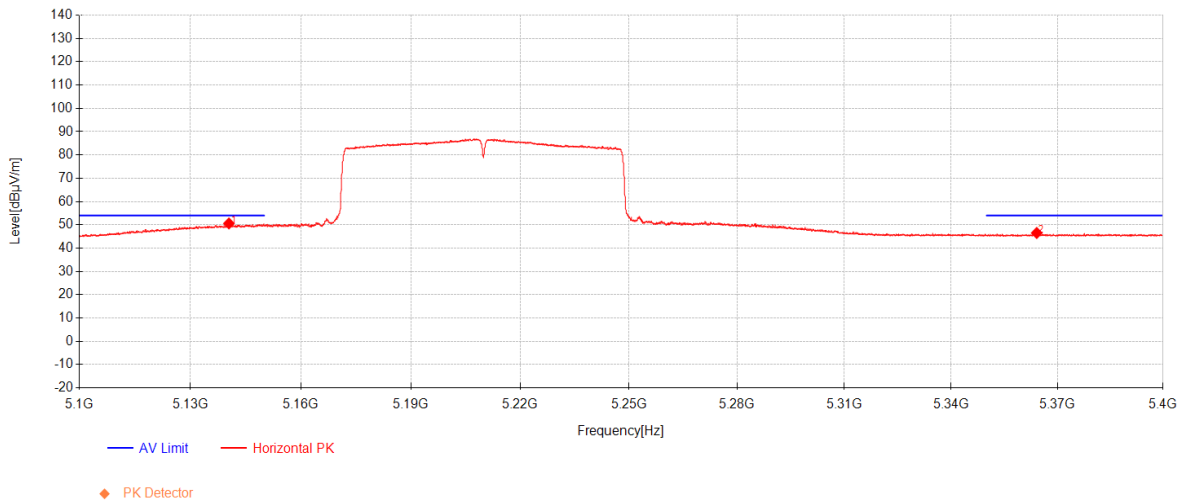

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5140.44	32.26	33.17	-14.83	50.60	54.00	3.40	Horizontal
2	5364.16	27.51	33.13	-14.12	46.51	54.00	7.49	Horizontal

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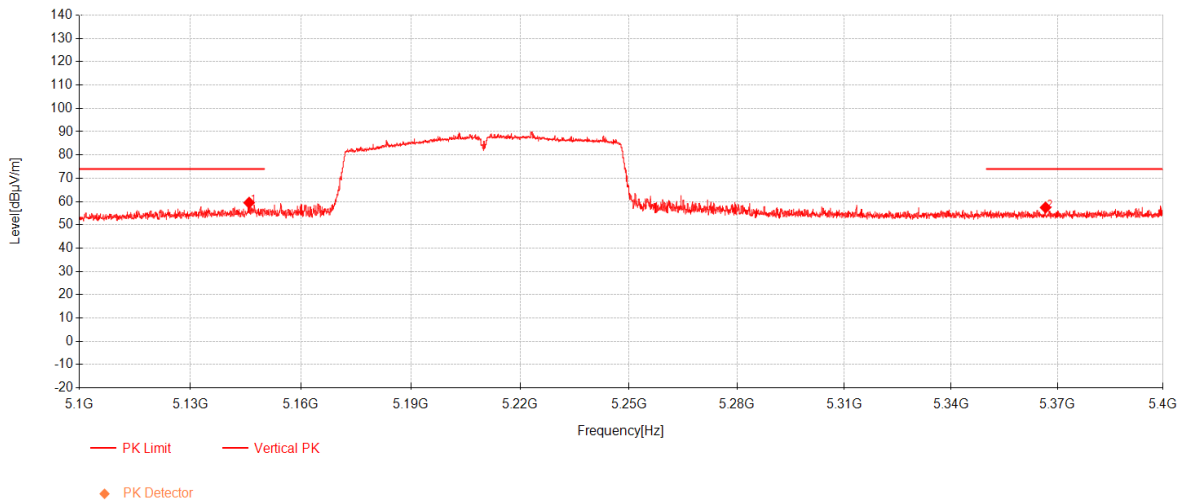

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5145.92	41.13	33.17	-14.81	59.49	74.00	14.51	Vertical
2	5366.645	38.43	33.13	-14.13	57.43	74.00	16.57	Vertical

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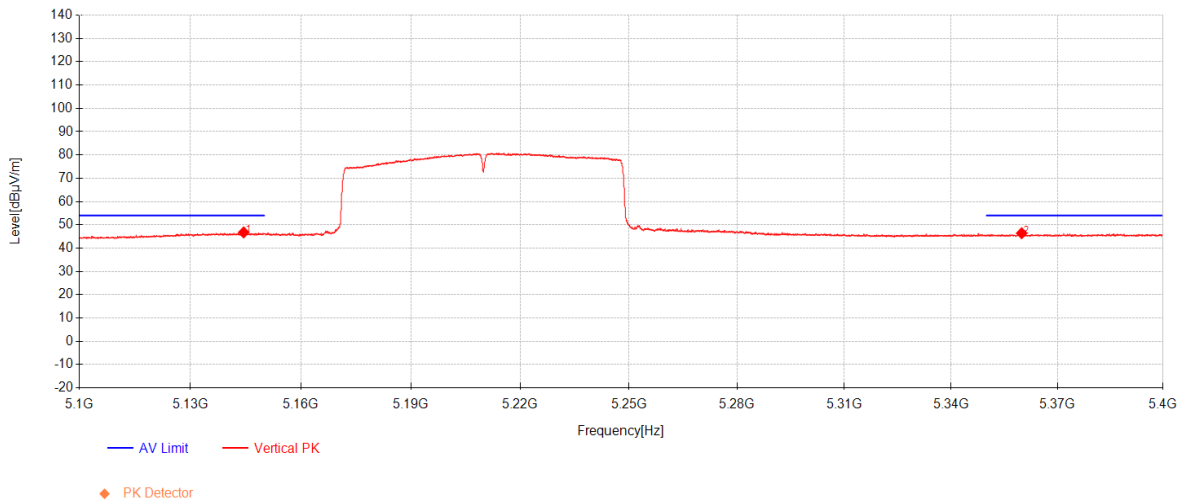

Data List								
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1	5144.44	28.39	33.17	-14.81	46.75	54.00	7.25	Vertical
2	5359.89	27.39	33.13	-14.12	46.40	54.00	7.60	Vertical

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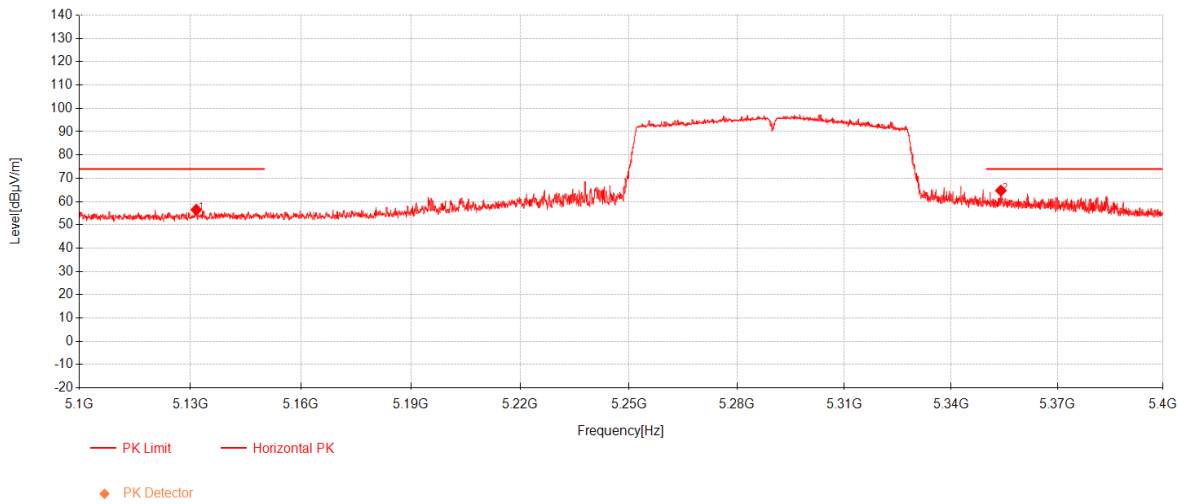

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5131.6	38.16	33.17	-14.87	56.46	74.00	17.54	Horizontal
2	5354.025	45.68	33.13	-14.10	64.71	74.00	9.29	Horizontal

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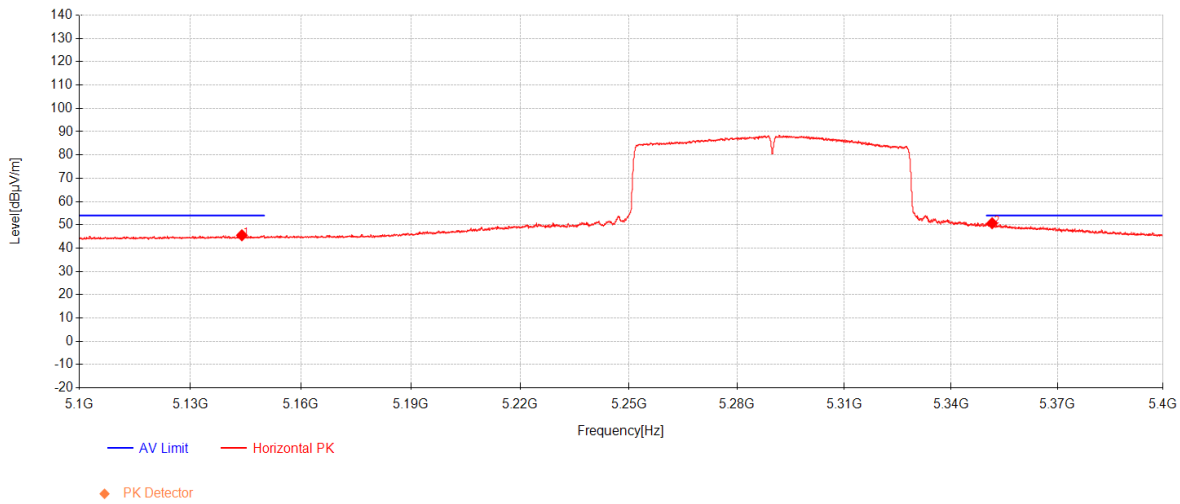

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5143.95	27.17	33.17	-14.82	45.52	54.00	8.48	Horizontal
2	5351.55	31.67	33.13	-14.10	50.70	54.00	3.30	Horizontal

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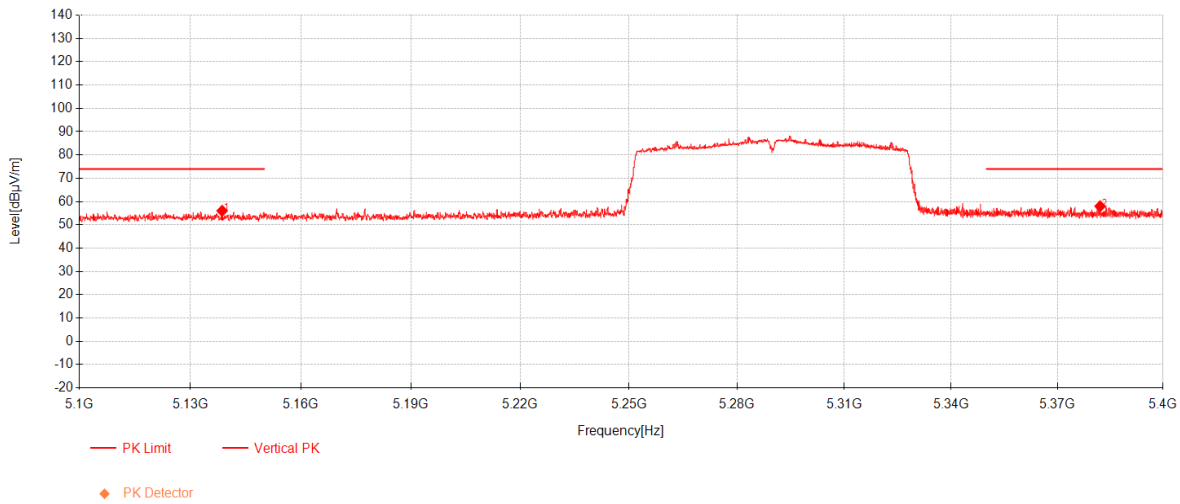

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5138.6	37.70	33.17	-14.84	56.03	74.00	17.97	Vertical
2	5382.125	39.02	33.12	-14.16	57.98	74.00	16.02	Vertical

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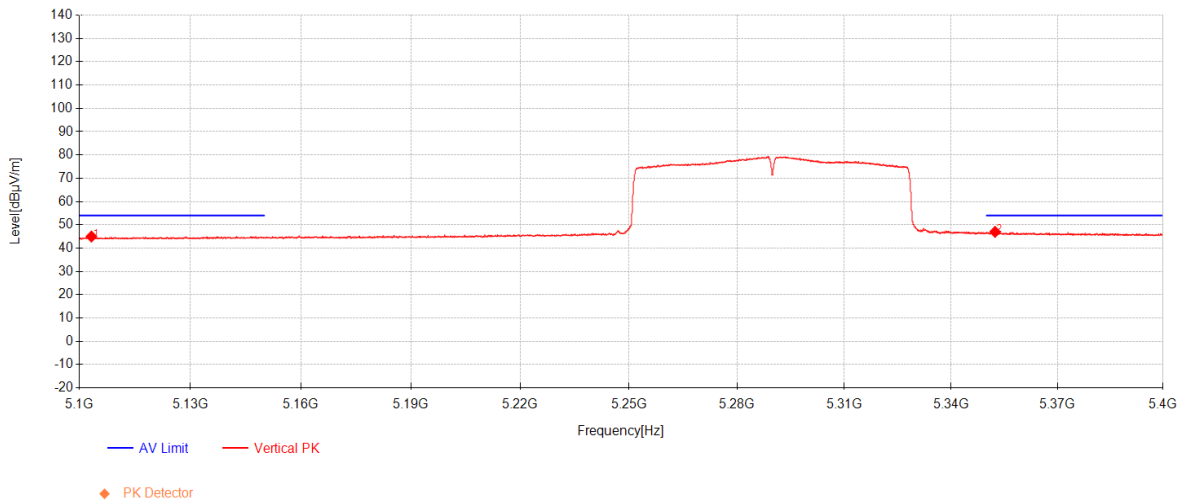

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5103.3	26.80	33.18	-15.00	44.98	54.00	9.02	Vertical
2	5352.375	27.95	33.13	-14.10	46.98	54.00	7.02	Vertical

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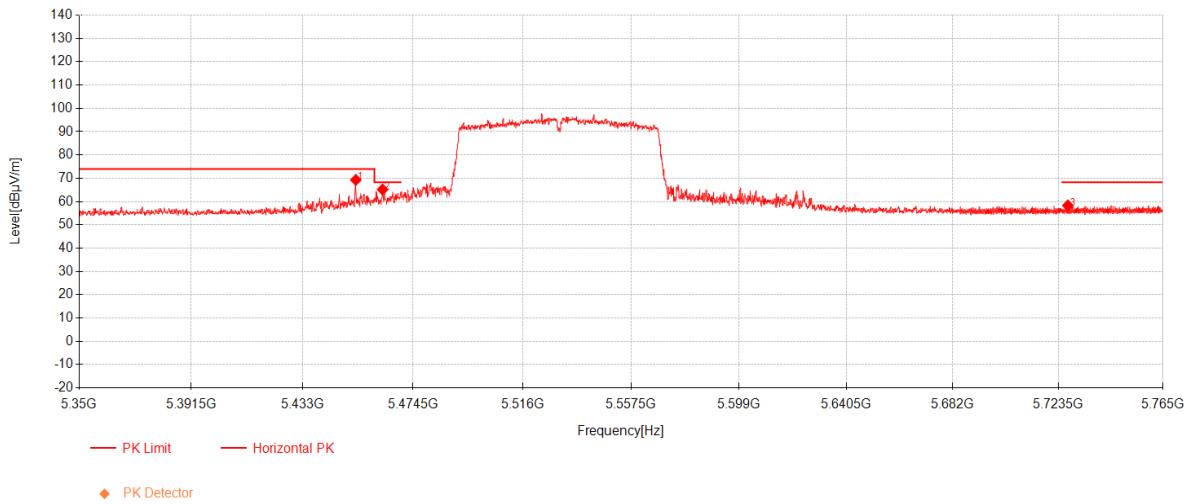

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5453.0125	50.21	33.11	-14.02	69.30	74.00	4.70	Horizontal
2	5463.0625	46.06	33.11	-13.99	65.18	68.30	3.12	Horizontal
3	5727.32	38.05	33.87	-13.61	58.31	68.30	9.99	Horizontal

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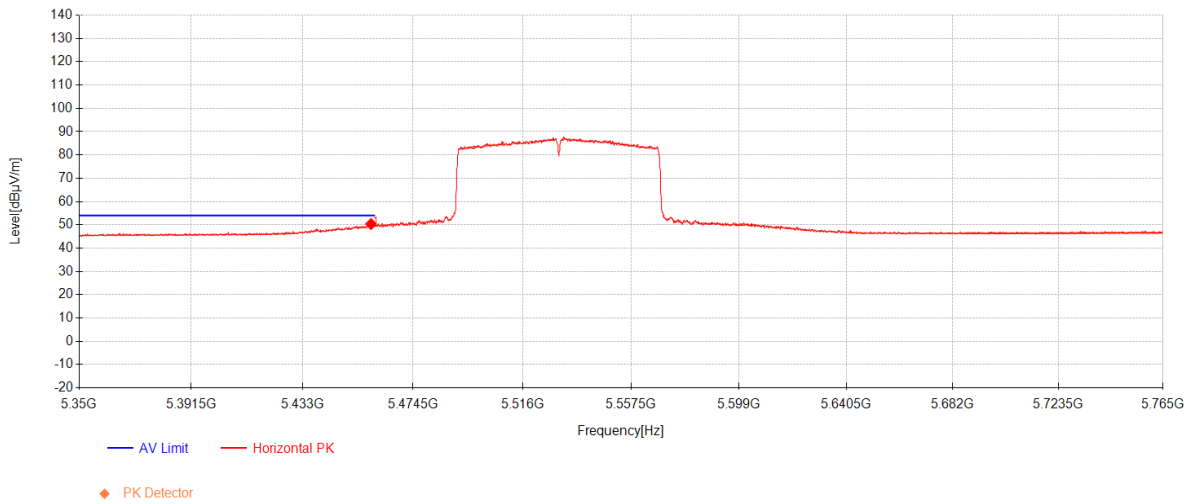

Data List								
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1	5458.7075	31.23	33.11	-14.00	50.34	54.00	3.66	Horizontal

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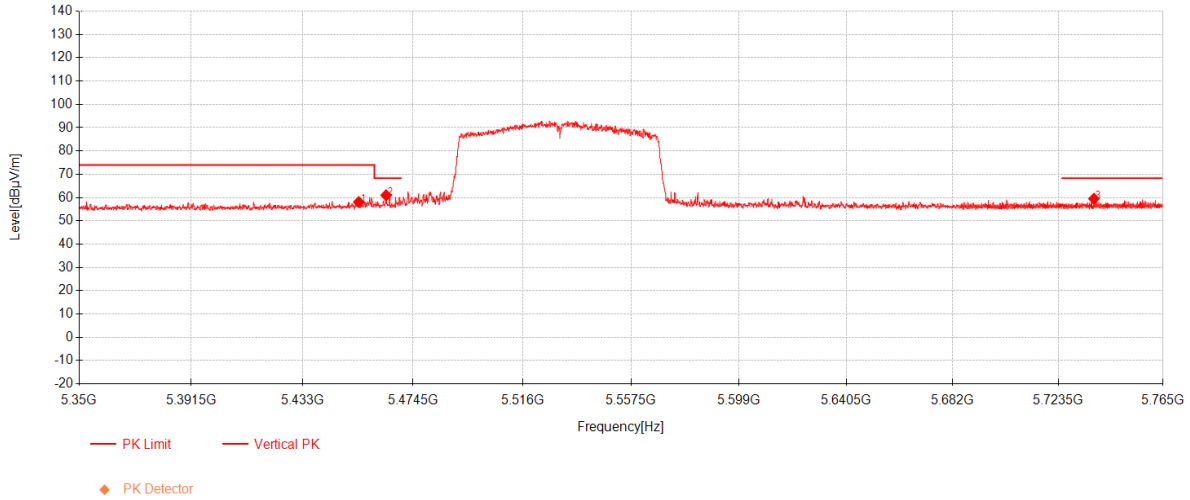

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5454.1012	38.98	33.11	-14.02	58.07	74.00	15.93	Vertical
2	5464.4025	41.83	33.11	-13.98	60.96	68.30	7.34	Vertical
3	5737.6	39.18	33.91	-13.59	59.50	68.30	8.80	Vertical

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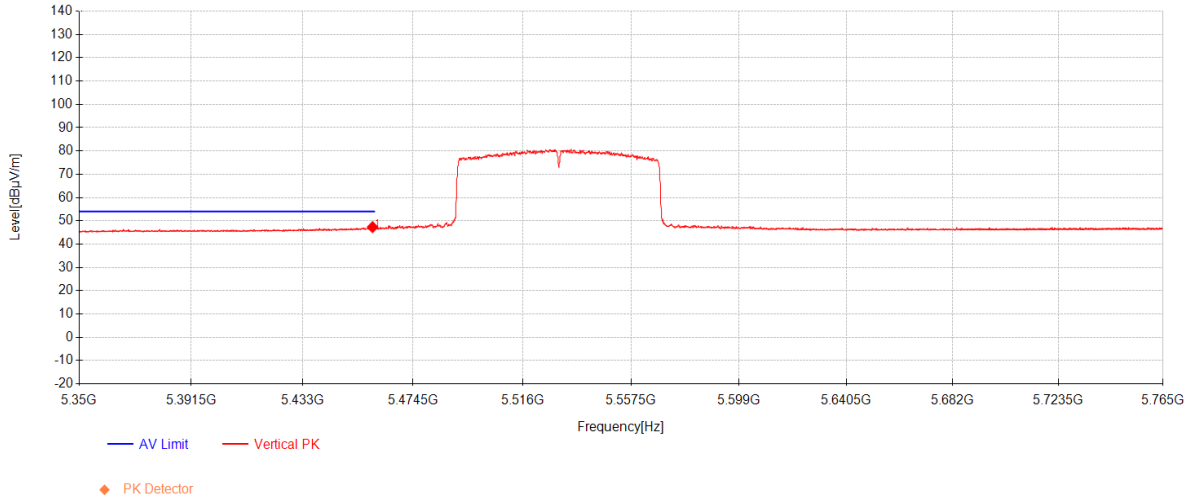

Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5459.2938	28.20	33.11	-14.00	47.31	54.00	6.69	Vertical

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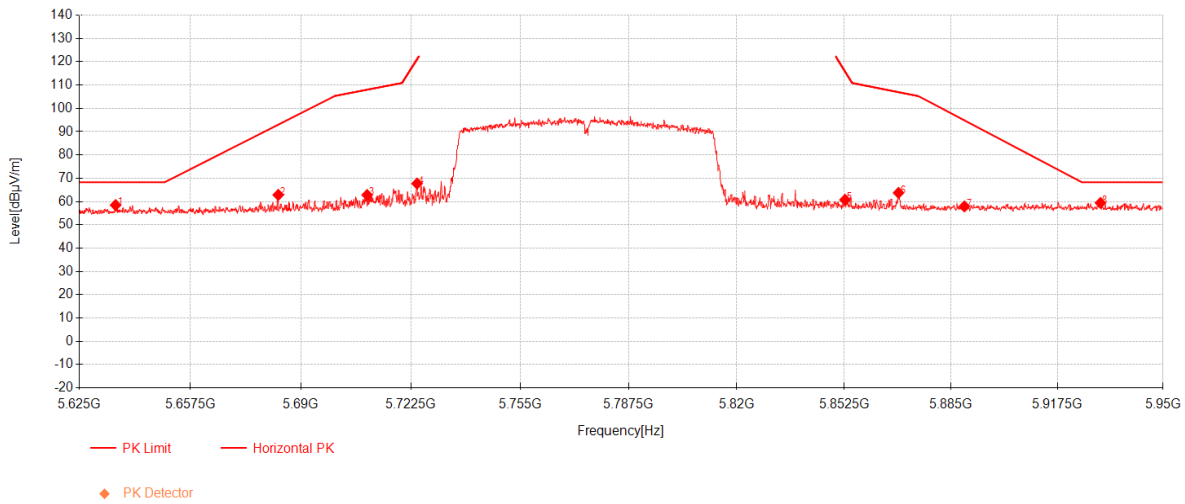

Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5635.6438	38.59	33.56	-13.68	58.47	68.30	9.83	Horizontal
2	5683.3375	42.79	33.72	-13.67	62.84	93.01	30.17	Horizontal
3	5709.5812	42.66	33.81	-13.65	62.82	107.99	45.17	Horizontal
4	5724.3688	47.48	33.86	-13.62	67.72	120.86	53.14	Horizontal
5	5852.7438	39.62	34.30	-13.20	60.72	116.04	55.32	Horizontal
6	5868.9938	42.48	34.35	-13.12	63.72	106.98	43.26	Horizontal
7	5889.0625	36.50	34.42	-13.01	57.91	94.86	36.95	Horizontal
8	5930.7438	37.92	34.56	-13.08	59.41	68.30	8.89	Horizontal

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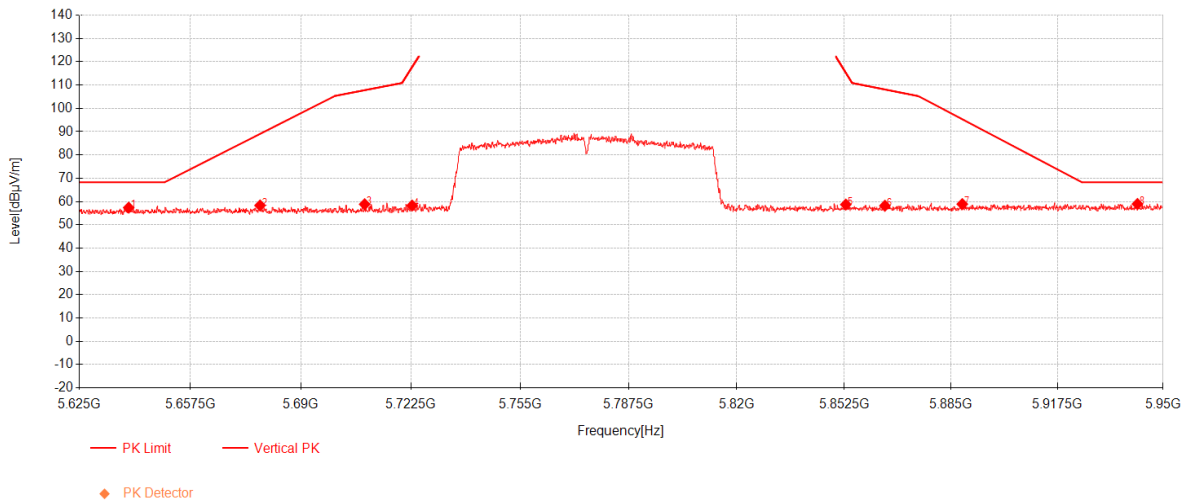
802.11ac80_Channel 155



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	5639.4625	37.49	33.57	-13.68	57.39	68.30	10.91	Vertical
2	5677.975	38.29	33.71	-13.67	58.32	89.04	30.72	Vertical
3	5708.85	38.68	33.81	-13.65	58.84	107.78	48.94	Vertical
4	5722.9062	38.05	33.86	-13.62	58.29	117.53	59.24	Vertical
5	5852.9875	37.60	34.30	-13.20	58.71	115.49	56.78	Vertical
6	5864.85	36.99	34.34	-13.14	58.19	108.14	49.95	Vertical
7	5888.4125	37.49	34.42	-13.02	58.89	95.34	36.45	Vertical
8	5942.1188	37.48	34.60	-13.12	58.96	68.30	9.34	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, 802.11ac VHT20/40 by referring to their higher output power.

---End of Report---

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