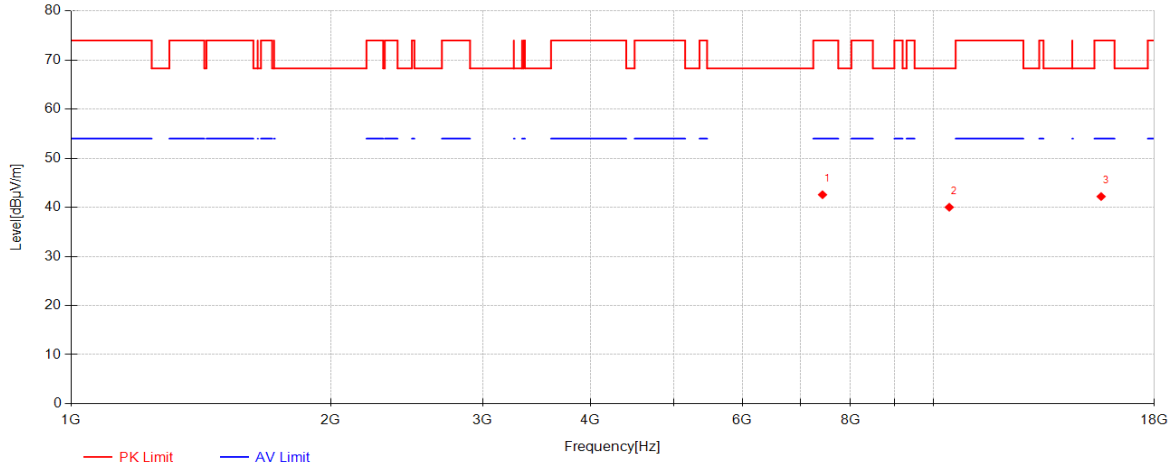


802.11ac80\_Channel 42



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7429.5833	49.07	36.40	-42.90	42.57	74.00	31.43	Horizontal
2	10420.0000	40.34	38.41	-38.73	40.02	68.30	28.28	Horizontal
3	15630.0000	36.26	39.98	-34.04	42.20	74.00	31.80	Horizontal

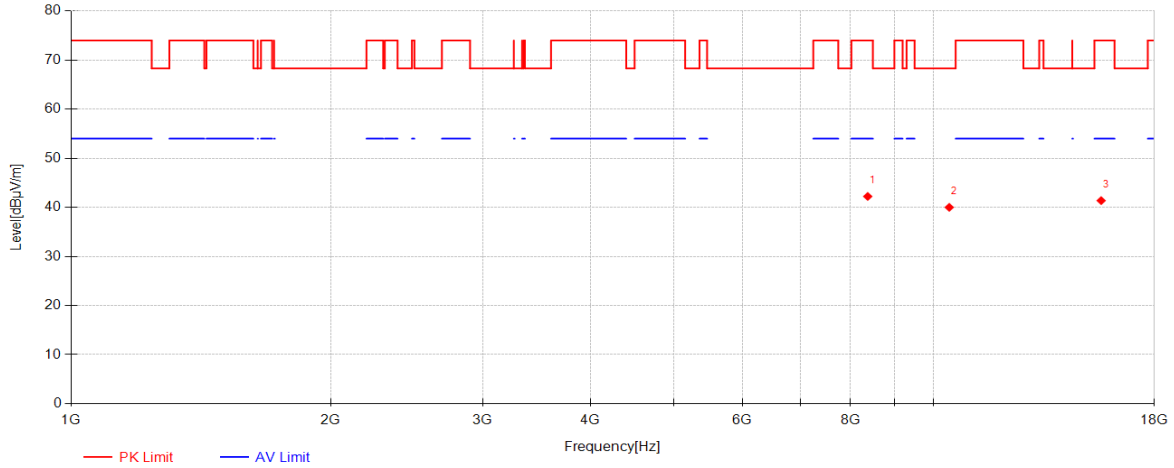


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802.11ac80\_Channel 42



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	8382.1667	47.07	36.61	-41.46	42.22	74.00	31.78	Vertical
2	10420.0000	40.32	38.41	-38.73	40.00	68.30	28.30	Vertical
3	15630.0000	35.43	39.98	-34.04	41.37	74.00	32.63	Vertical

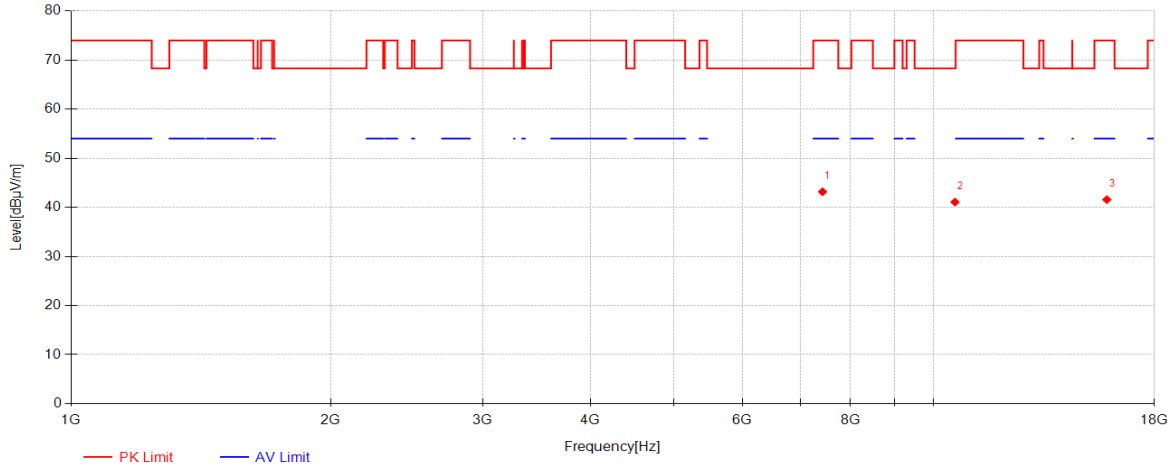


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802.11ac80\_Channel 58



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7430.0625	49.67	36.40	-42.90	43.17	74.00	30.83	Horizontal
2	10580.0000	40.75	38.49	-38.16	41.08	68.30	27.22	Horizontal
3	15870.0000	35.91	39.47	-33.81	41.57	74.00	32.43	Horizontal

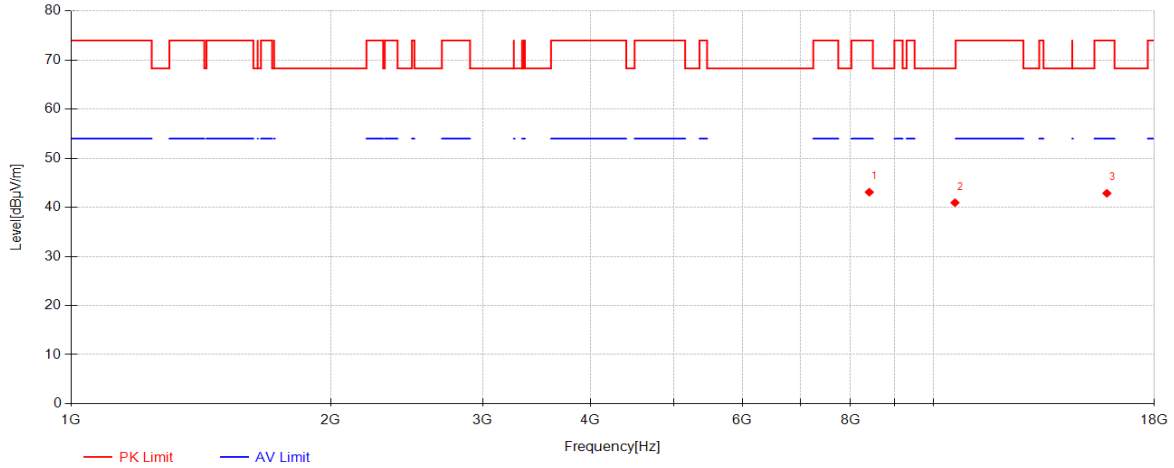


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802.11ac80\_Channel 58



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	8417.625	47.94	36.59	-41.45	43.09	74.00	30.91	Vertical
2	10580.0000	40.62	38.49	-38.16	40.95	68.30	27.35	Vertical
3	15870.0000	37.20	39.47	-33.81	42.86	74.00	31.14	Vertical

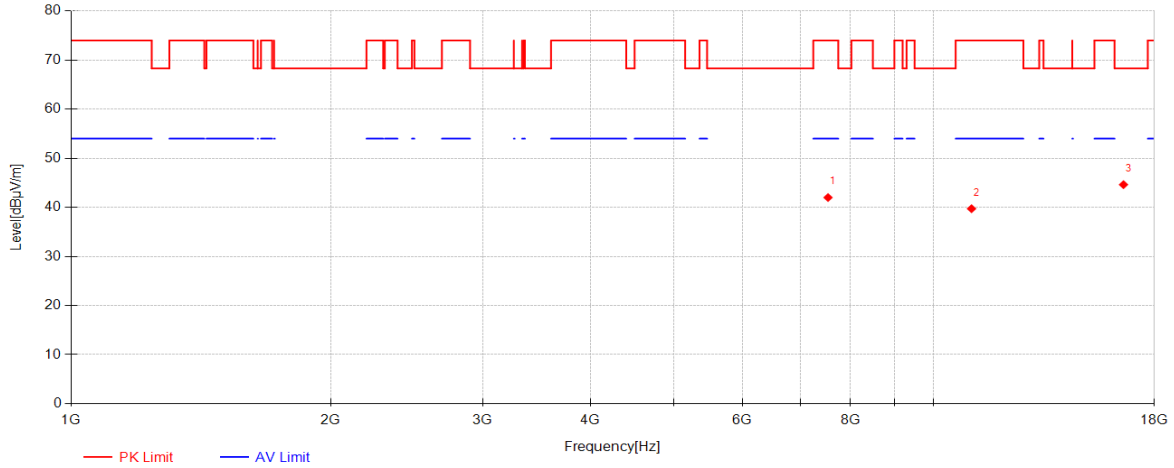


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802.11ac80\_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7539.7917	48.38	36.62	-43.00	42.00	74.00	32.00	Horizontal
2	11060.0000	38.70	38.71	-37.69	39.72	74.00	34.28	Horizontal
3	16590.0000	38.09	41.03	-34.50	44.62	68.30	23.68	Horizontal



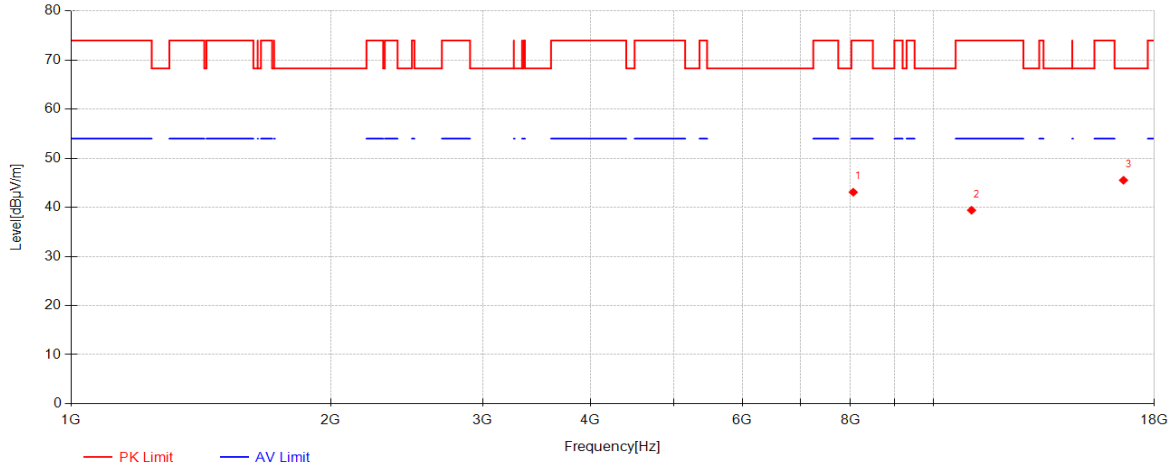
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 t (86-512) 62992980 sgs.china@sgs.com

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	8065.9167	47.92	36.77	-41.61	43.08	74.00	30.92	Vertical
2	11060.0000	38.38	38.71	-37.69	39.40	74.00	34.60	Vertical
3	16590.0000	38.99	41.03	-34.50	45.52	68.30	22.78	Vertical

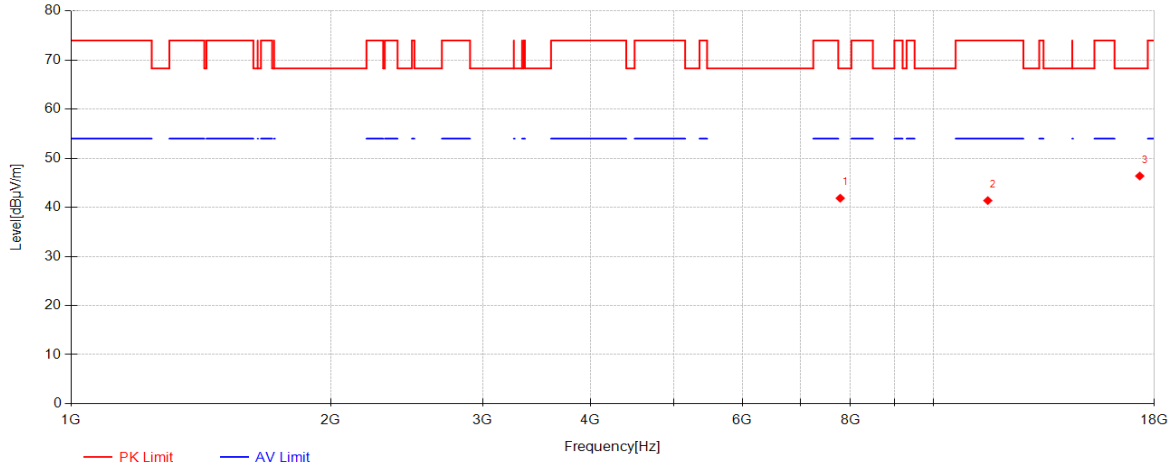


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802.11ac80\_Channel 155



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7789.4375	47.76	36.72	-42.62	41.86	68.30	26.44	Horizontal
2	11550.0000	39.37	38.76	-36.75	41.38	74.00	32.62	Horizontal
3	17325.0000	37.77	43.76	-35.15	46.38	68.30	21.92	Horizontal

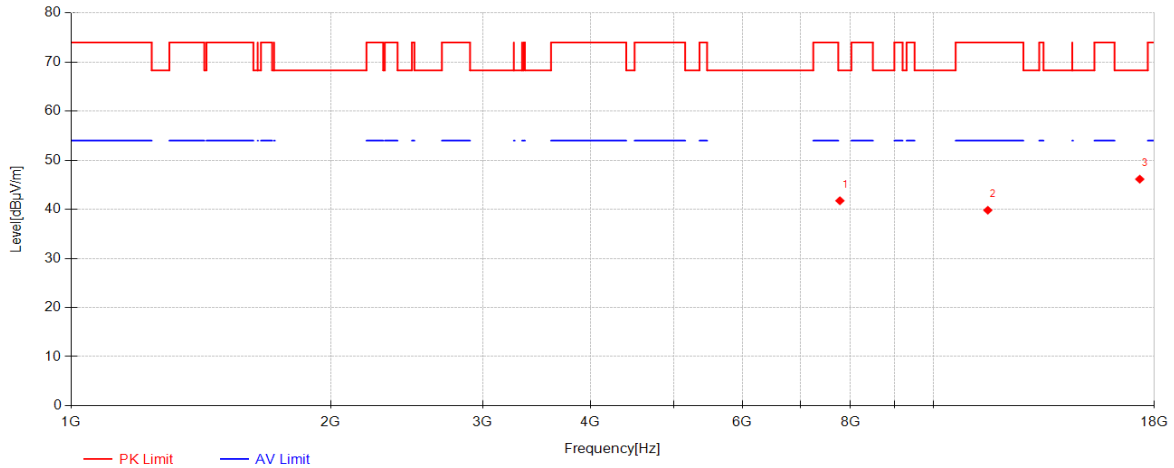


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802.11ac80\_Channel 155



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7782.25	47.68	36.71	-42.65	41.75	68.30	26.55	Vertical
2	11550.0000	37.81	38.76	-36.75	39.82	74.00	34.18	Vertical
3	17325.0000	37.53	43.76	-35.15	46.14	68.30	22.16	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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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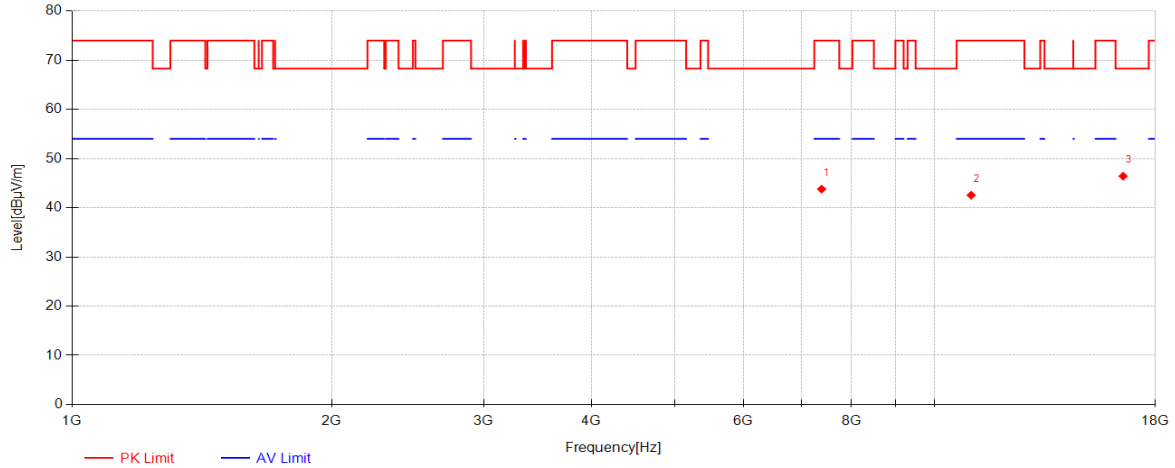
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**Test on the worst case(SKU4):**

**802.11n40\_Channel 102**



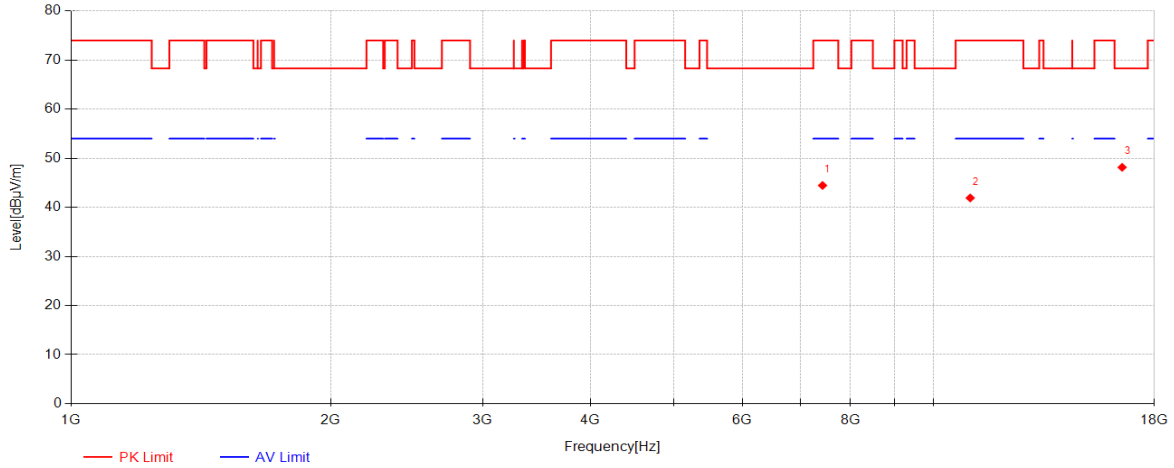
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7393.1667	50.32	36.30	-42.83	43.79	74.00	30.21	Horizontal
2	11020.0000	41.48	38.70	-37.62	42.56	74.00	31.44	Horizontal
3	16530.0000	39.94	40.84	-34.35	46.43	68.30	21.87	Horizontal



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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	7430.5417	50.96	36.41	-42.91	44.46	74.00	29.54	Vertical
2	11020.0000	40.83	38.70	-37.62	41.91	74.00	32.09	Vertical
3	16530.0000	41.66	40.84	-34.35	48.15	68.30	20.15	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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.

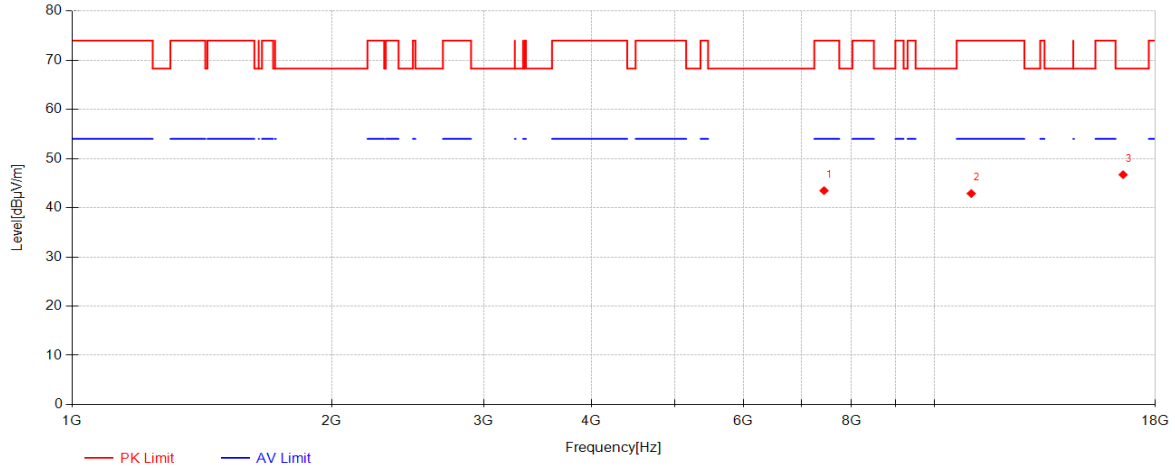


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**Test on the worst case(SKU6):**

**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	7439.6458	50.00	36.43	-42.94	43.49	74.00	30.51	Horizontal
2	11020.0000	41.81	38.70	-37.62	42.89	74.00	31.11	Horizontal
3	16530.0000	40.24	40.84	-34.35	46.73	68.30	21.57	Horizontal

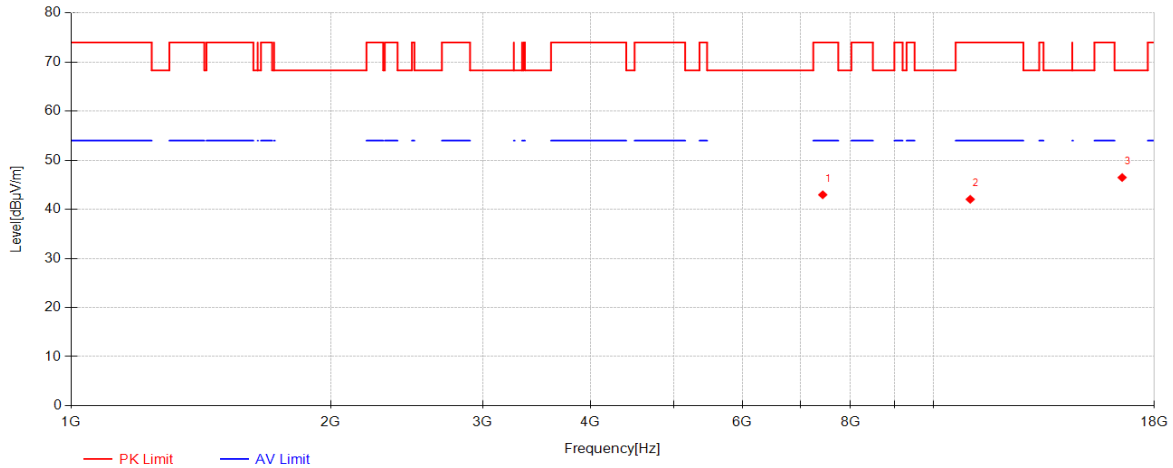


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802.11n40\_Channel 102



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	7434.375	49.46	36.42	-42.92	42.96	74.00	31.04	Vertical
2	11020.0000	40.96	38.70	-37.62	42.04	74.00	31.96	Vertical
3	16530.0000	39.99	40.84	-34.35	46.48	68.30	21.82	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- All channels have been tested, but only the worst case data displayed in this report.
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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.



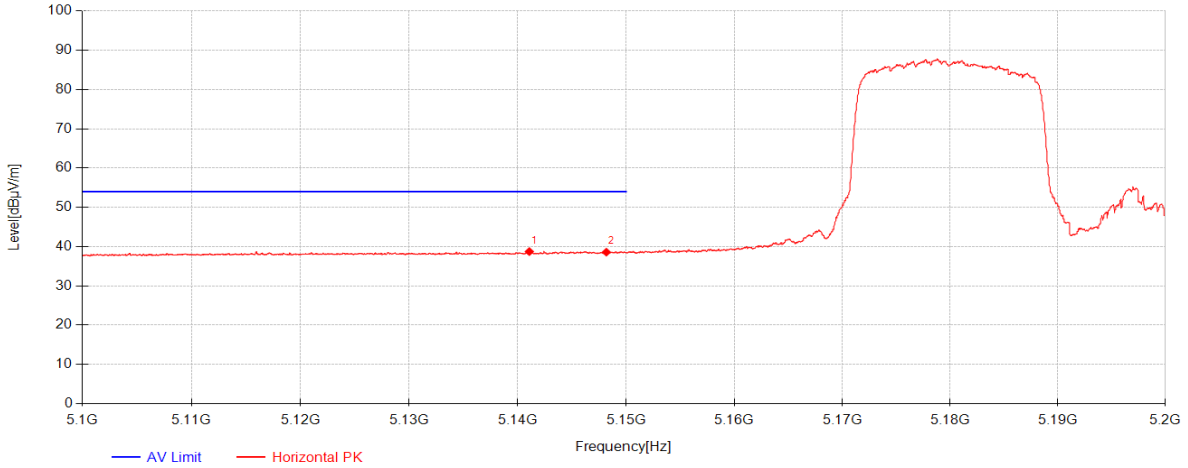
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**Restricted bands around fundamental frequency(SKU3):**

**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	5141.0667	26.15	31.74	-19.16	38.73	54.00	15.27	Horizontal
2	5148.1667	25.98	31.76	-19.14	38.59	54.00	15.41	Horizontal



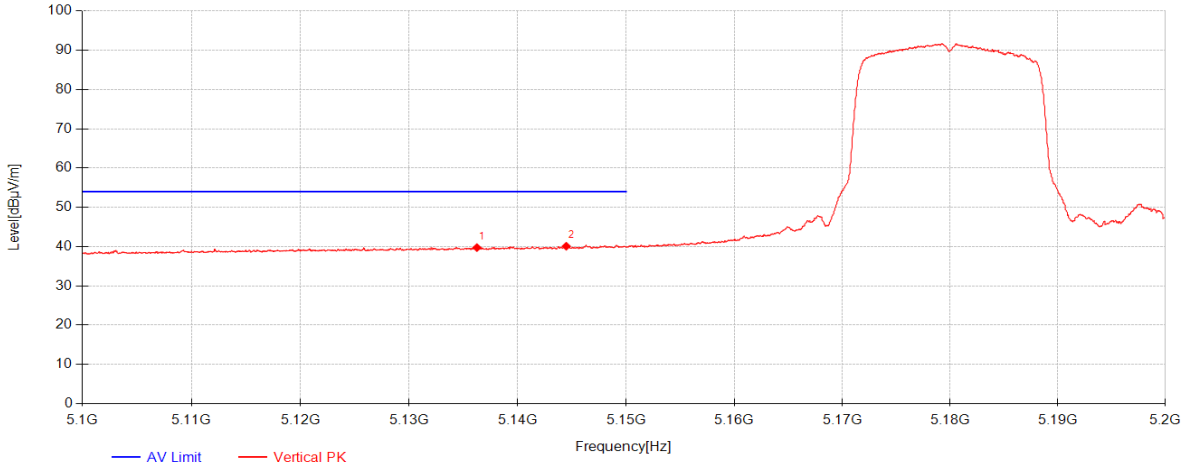
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802.11a\_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5136.2333	27.20	31.73	-19.17	39.75	54.00	14.25	Vertical
2	5144.4667	27.51	31.75	-19.15	40.10	54.00	13.90	Vertical

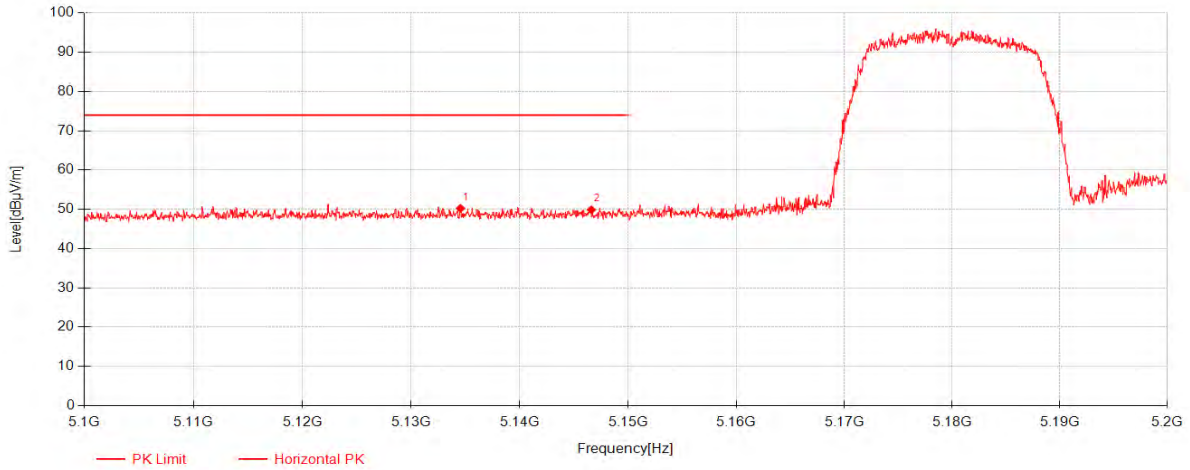


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802.11a\_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5134.5333	37.70	31.72	-19.18	50.25	74.00	23.75	Horizontal
2	5146.6	37.28	31.75	-19.15	49.88	74.00	24.12	Horizontal

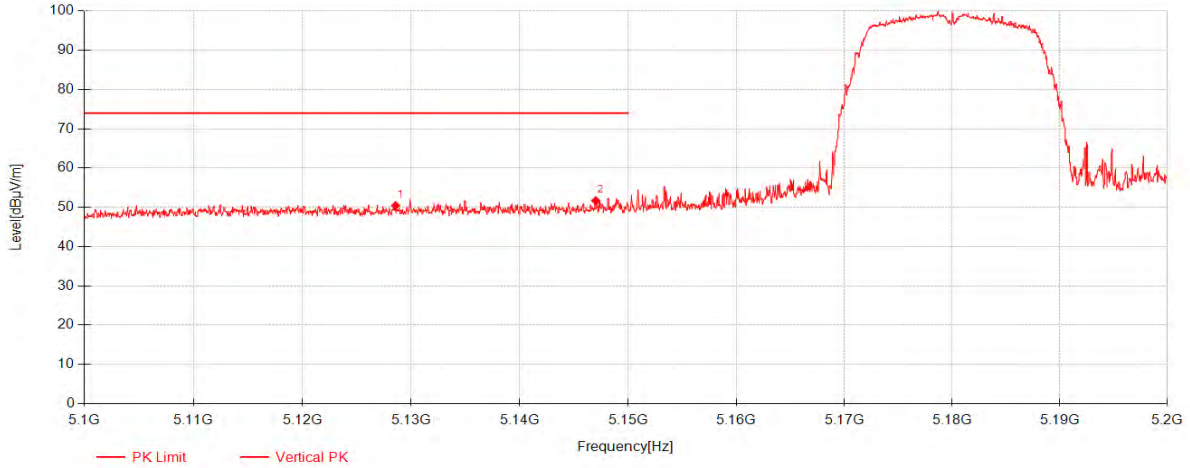


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802.11a\_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5128.5667	37.91	31.71	-19.19	50.43	74.00	23.57	Vertical
2	5147	39.11	31.75	-19.15	51.72	74.00	22.28	Vertical

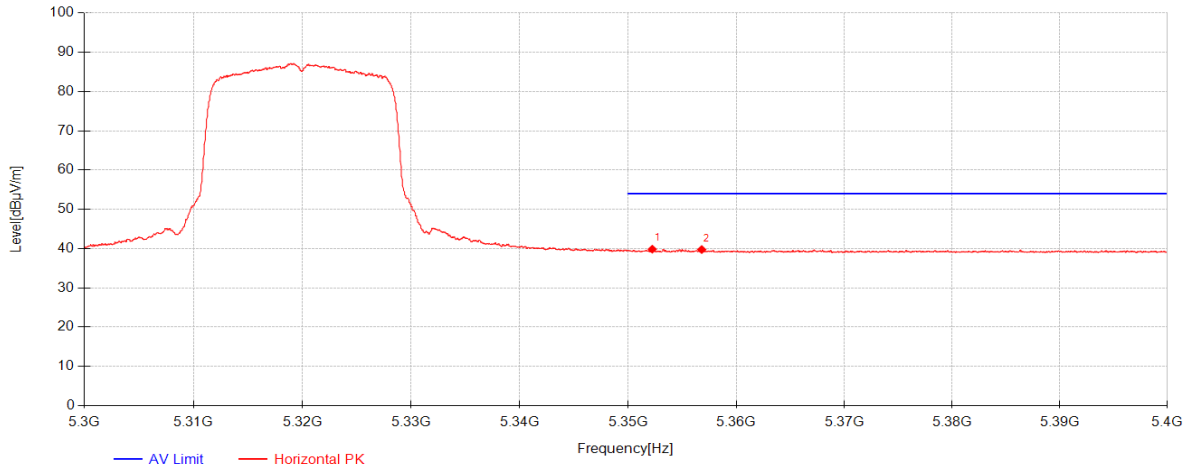


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802.11a\_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5352.2333	26.51	32.25	-18.91	39.85	54.00	14.15	Horizontal
2	5356.8	26.42	32.26	-18.92	39.76	54.00	14.24	Horizontal

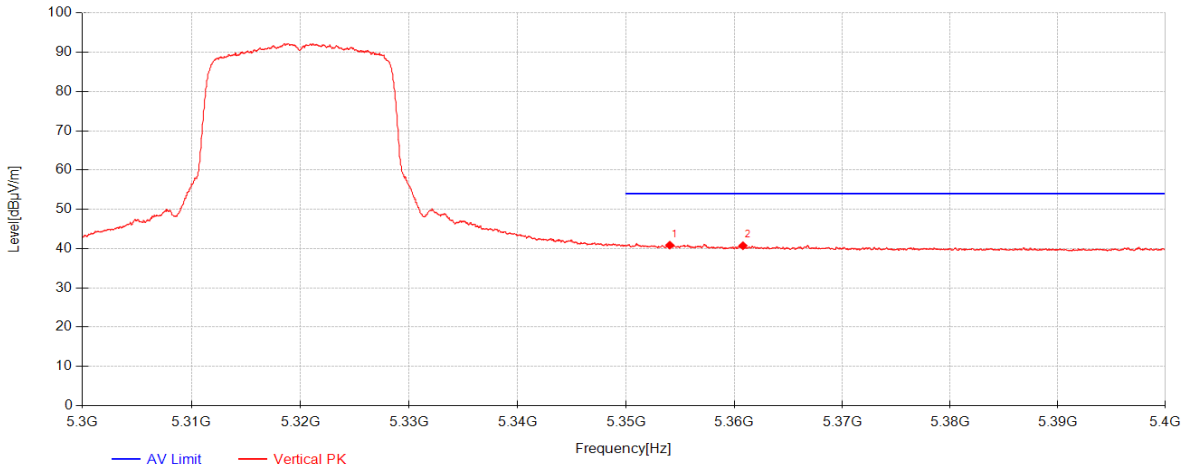


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802.11a\_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5354.0333	27.54	32.25	-18.91	40.88	54.00	13.12	Vertical
2	5360.8	27.40	32.27	-18.93	40.74	54.00	13.26	Vertical

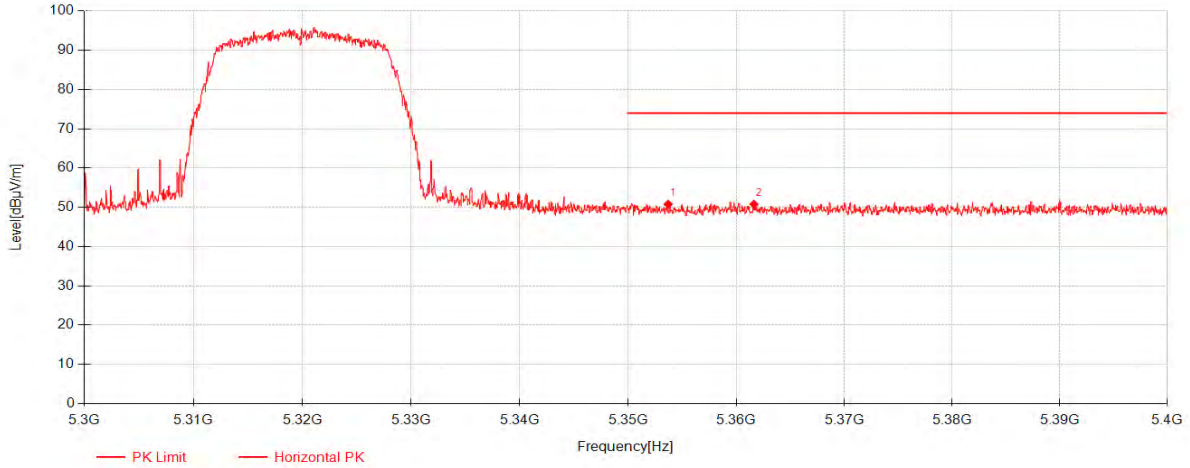


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802.11a\_Channel 64



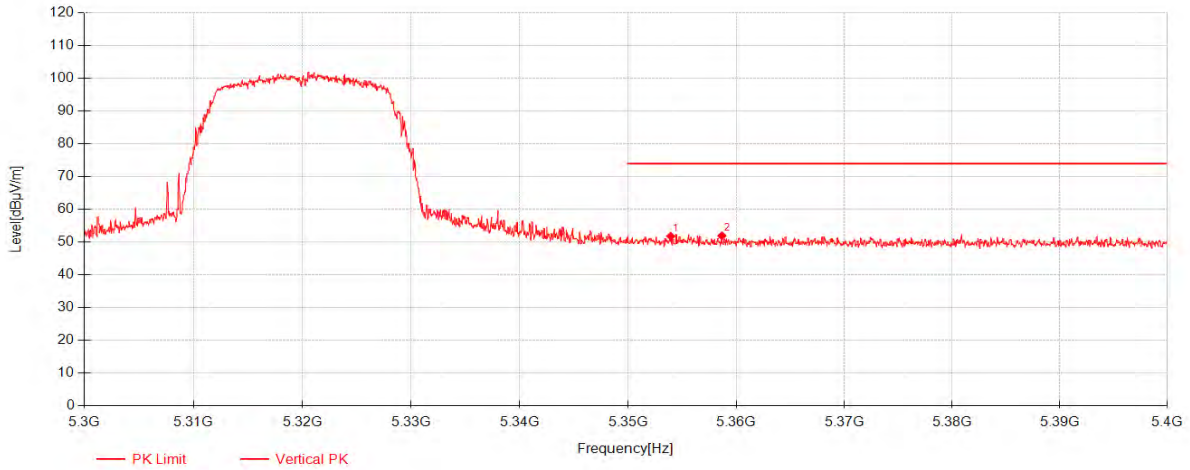
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5353.7	37.44	32.25	-18.91	50.78	74.00	23.22	Horizontal
2	5361.6333	37.46	32.27	-18.93	50.80	74.00	23.20	Horizontal



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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	5353.9333	38.44	32.25	-18.91	51.78	74.00	22.22	Vertical
2	5358.6667	38.57	32.26	-18.92	51.91	74.00	22.09	Vertical

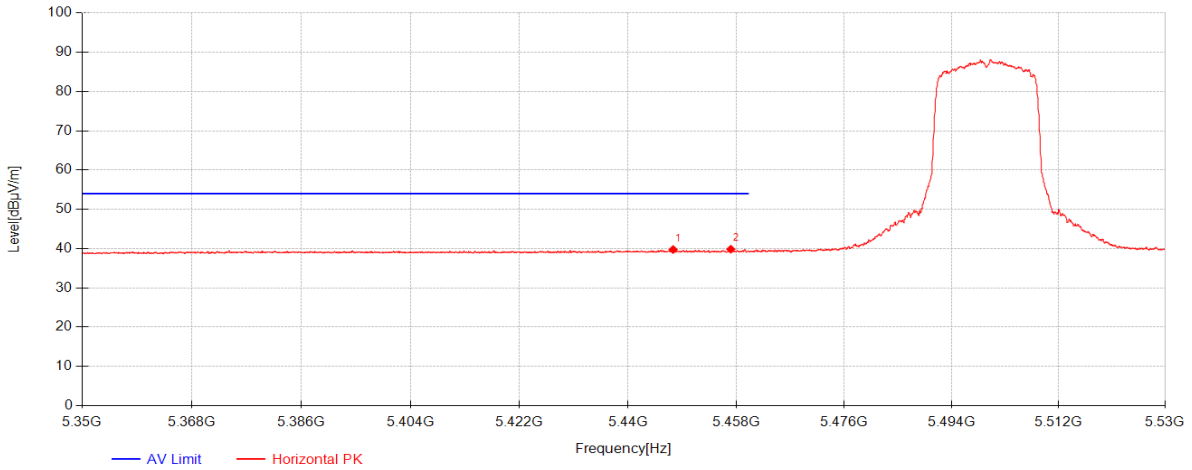


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802.11a\_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5447.5	26.38	32.47	-19.10	39.76	54.00	14.24	Horizontal
2	5457.1	26.46	32.50	-19.11	39.85	54.00	14.15	Horizontal

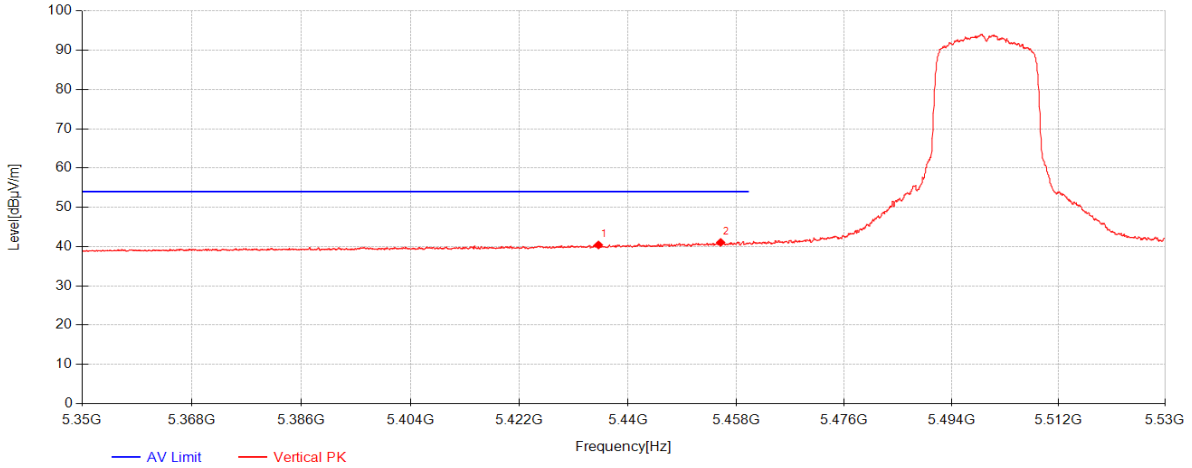


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5435.08	27.04	32.44	-19.08	40.41	54.00	13.59	Vertical
2	5455.42	27.69	32.49	-19.11	41.07	54.00	12.93	Vertical

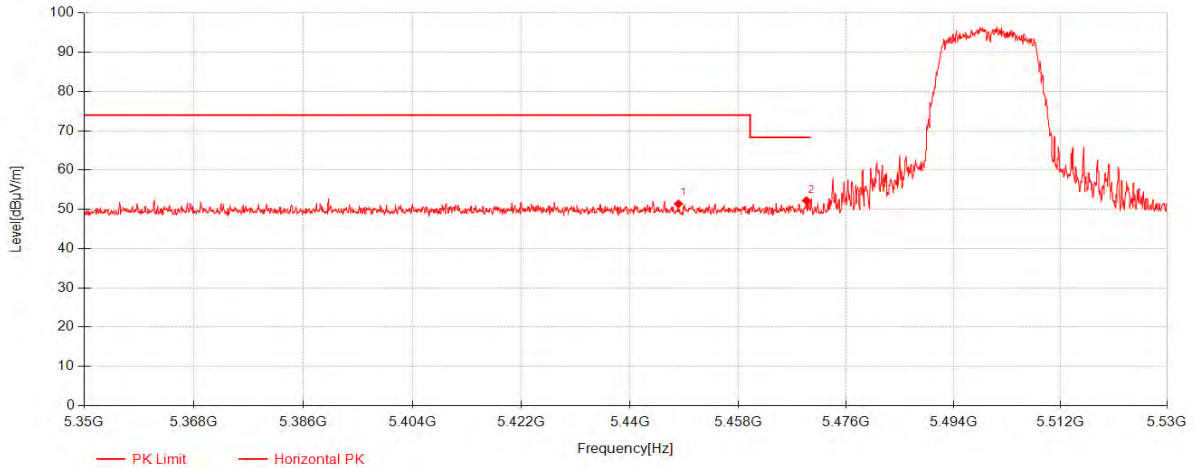


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802.11a\_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5448.04	38.01	32.48	-19.10	51.39	74.00	22.61	Horizontal
2	5469.4	38.82	32.53	-19.13	52.22	68.30	16.08	Horizontal

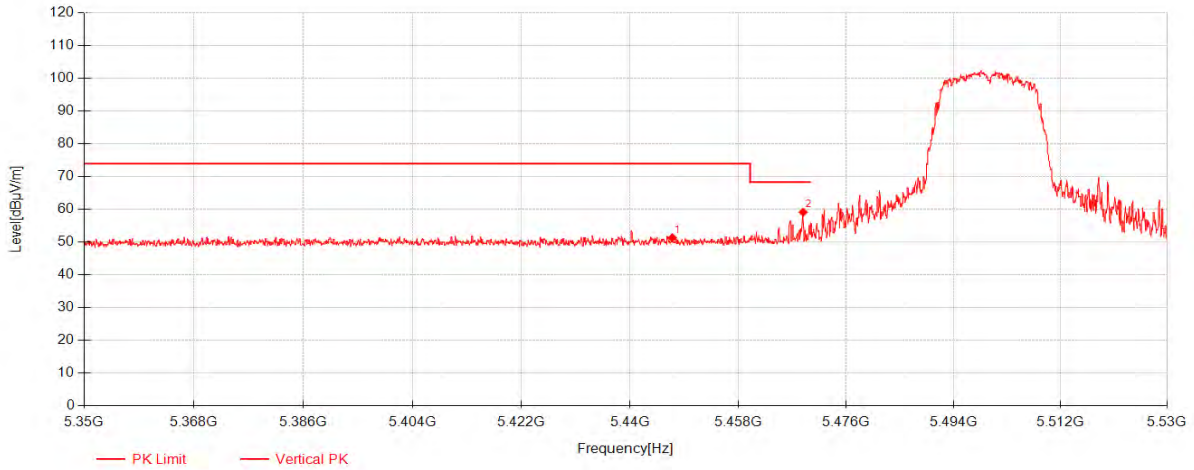


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5447.02	37.97	32.47	-19.10	51.35	74.00	22.65	Vertical
2	5468.86	45.72	32.53	-19.13	59.12	68.30	9.18	Vertical



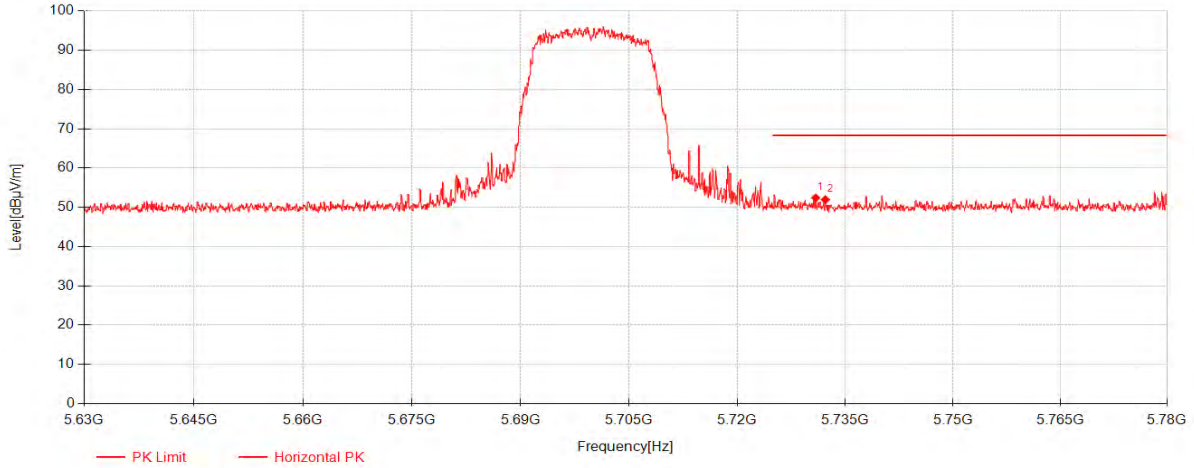
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802.11a\_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5730.9	38.60	32.65	-18.82	52.42	68.30	15.88	Horizontal
2	5732.25	38.14	32.65	-18.83	51.96	68.30	16.34	Horizontal

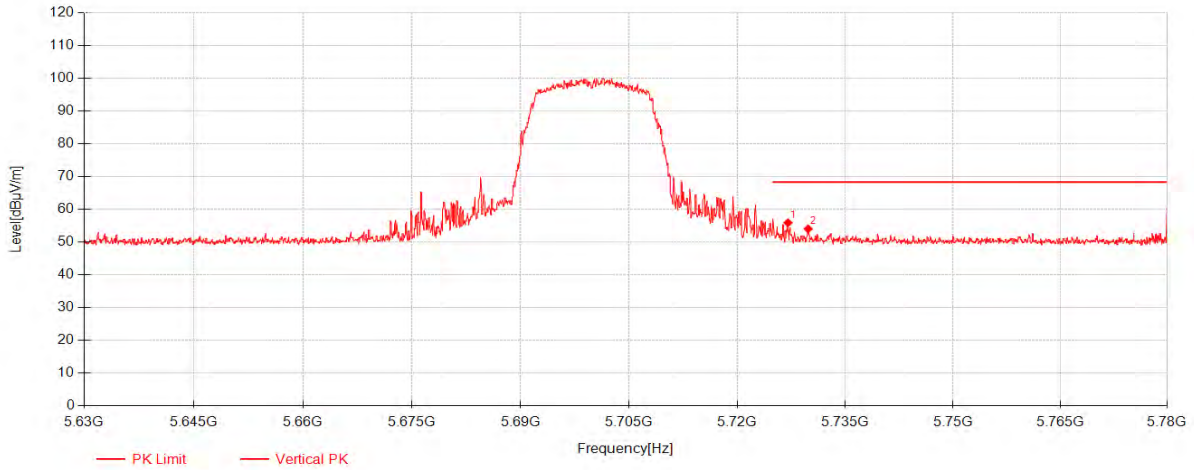


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802.11a\_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5727.05	42.07	32.65	-18.81	55.90	68.30	12.40	Vertical
2	5729.85	40.21	32.65	-18.82	54.04	68.30	14.26	Vertical

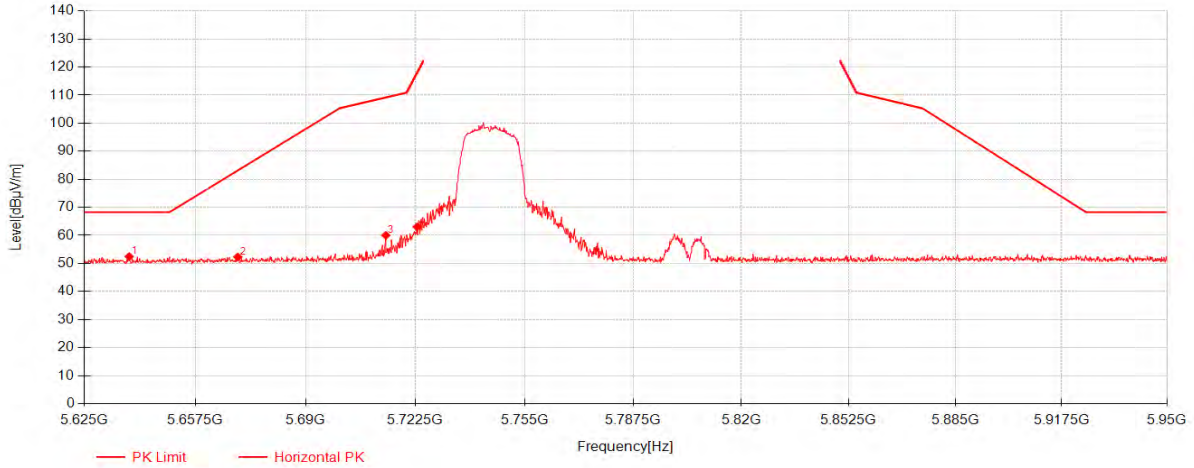


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802.11a\_Channel 149



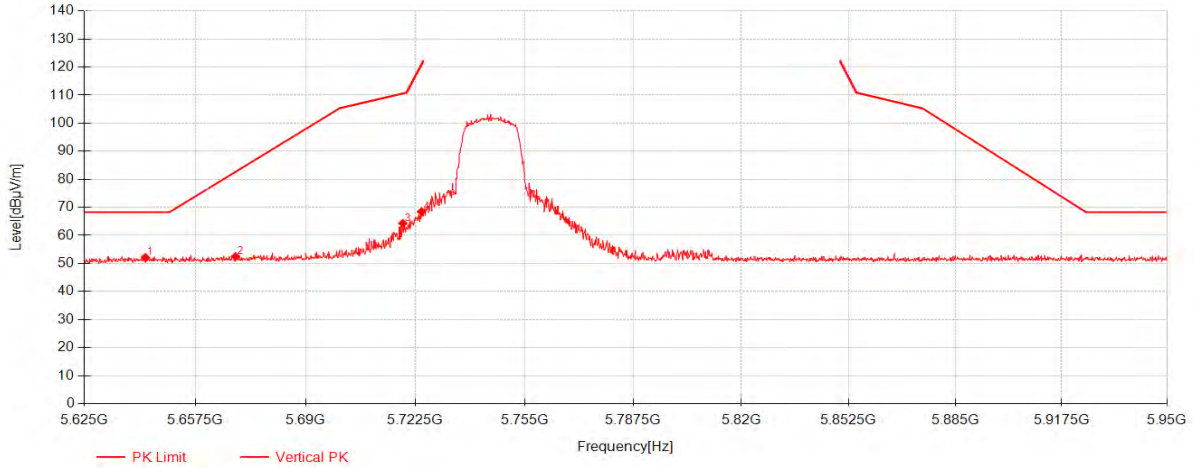
Data List								
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1	5638.1625	38.55	32.63	-18.72	52.45	68.30	15.85	Horizontal
2	5670.0125	38.40	32.63	-18.73	52.31	83.15	30.84	Horizontal
3	5713.725	46.14	32.64	-18.77	60.01	109.15	49.14	Horizontal
4	5722.9875	49.21	32.64	-18.80	63.06	117.71	54.65	Horizontal



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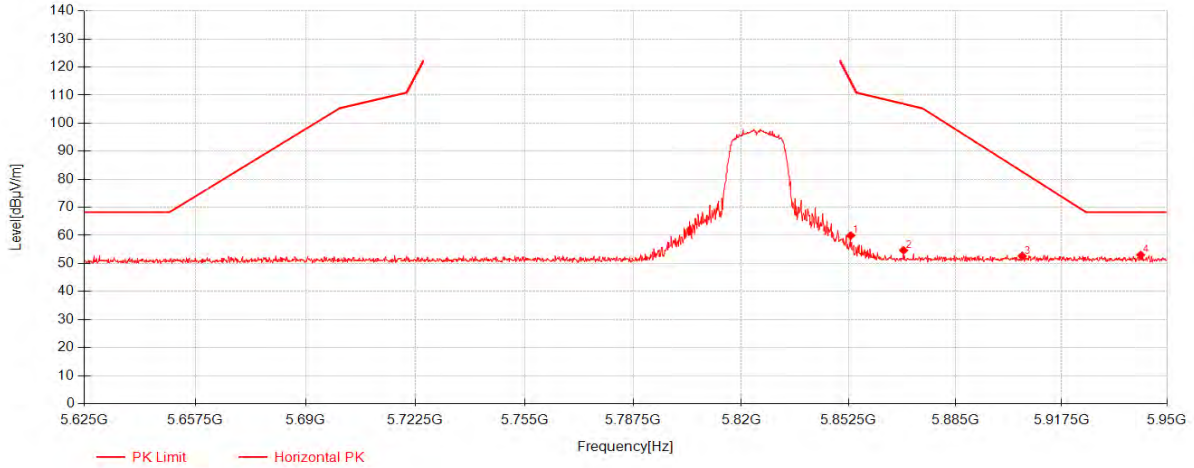
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5642.875	38.25	32.63	-18.72	52.15	68.30	16.15	Vertical
2	5669.3625	38.62	32.63	-18.73	52.53	82.67	30.14	Vertical
3	5718.7625	50.44	32.64	-18.79	64.30	110.55	46.25	Vertical
4	5724.2875	54.62	32.64	-18.80	68.46	120.68	52.22	Vertical



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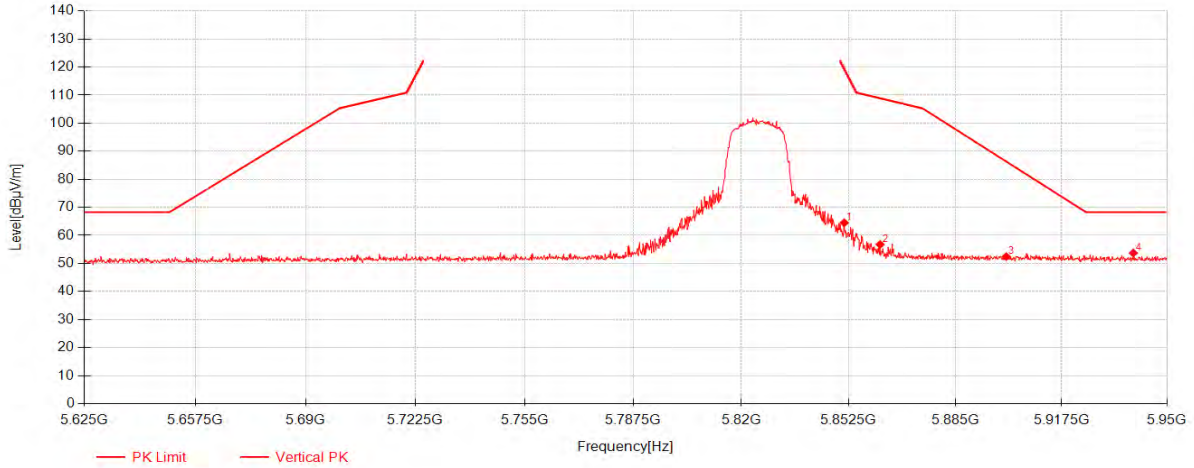
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5853.15	46.15	32.67	-18.88	59.94	115.12	55.18	Horizontal
2	5869.2375	40.84	32.67	-18.83	54.68	106.91	52.23	Horizontal
3	5905.475	38.73	32.68	-18.75	52.66	82.71	30.05	Horizontal
4	5941.875	39.17	32.69	-18.83	53.03	68.30	15.27	Horizontal



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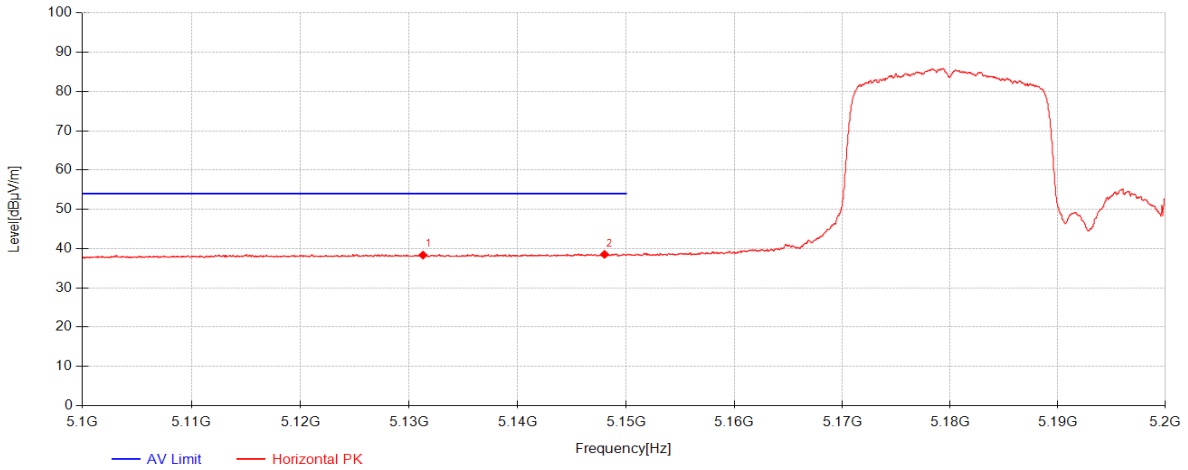
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5851.2	50.70	32.67	-18.88	64.49	119.56	55.07	Vertical
2	5862.0875	42.94	32.67	-18.85	56.76	108.91	52.15	Vertical
3	5900.6	38.48	32.68	-18.74	52.42	86.32	33.90	Vertical
4	5939.6	39.85	32.69	-18.82	53.71	68.30	14.59	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	5131.2667	25.81	31.72	-19.18	38.34	54.00	15.66	Horizontal
2	5148	25.91	31.76	-19.14	38.52	54.00	15.48	Horizontal

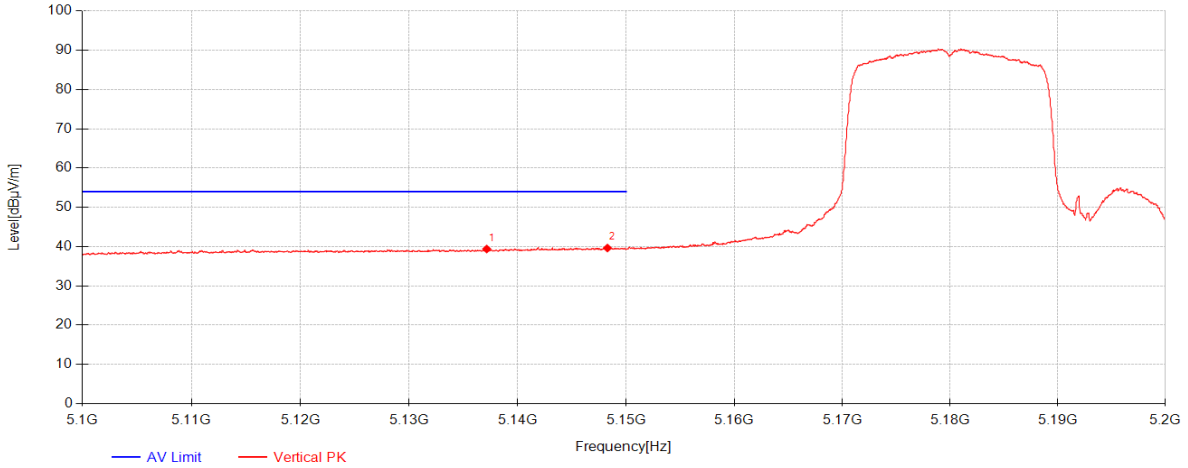


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5137.1333	26.82	31.73	-19.17	39.38	54.00	14.62	Vertical
2	5148.2667	27.03	31.76	-19.14	39.64	54.00	14.36	Vertical



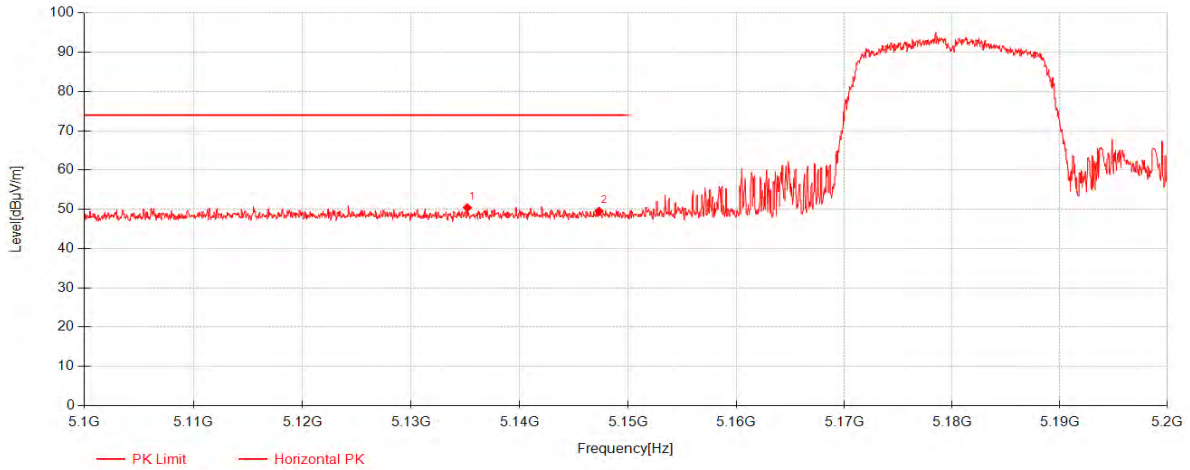
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5135.1667	37.87	31.72	-19.18	50.42	74.00	23.58	Horizontal
2	5147.3	36.92	31.75	-19.15	49.53	74.00	24.47	Horizontal

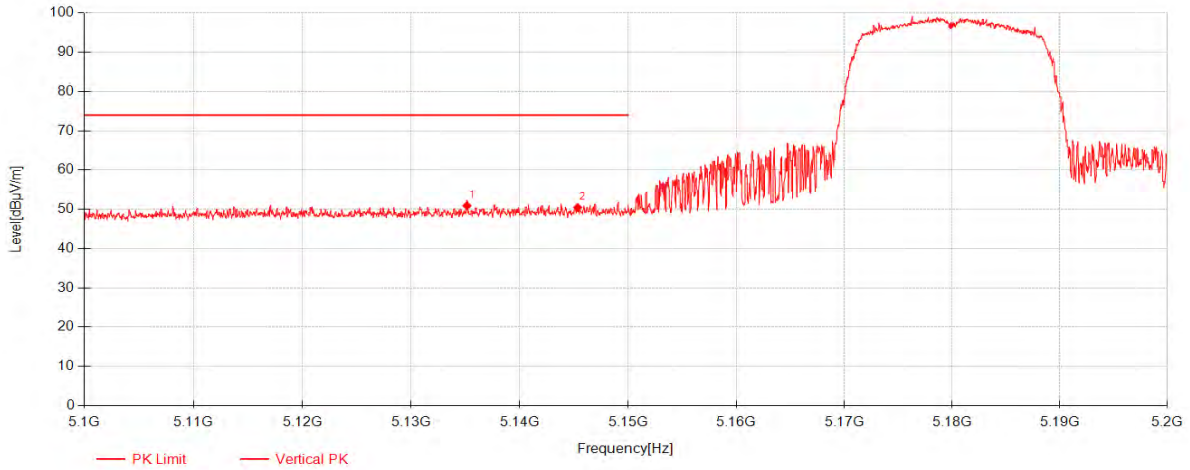


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802.11n20\_Channel 36



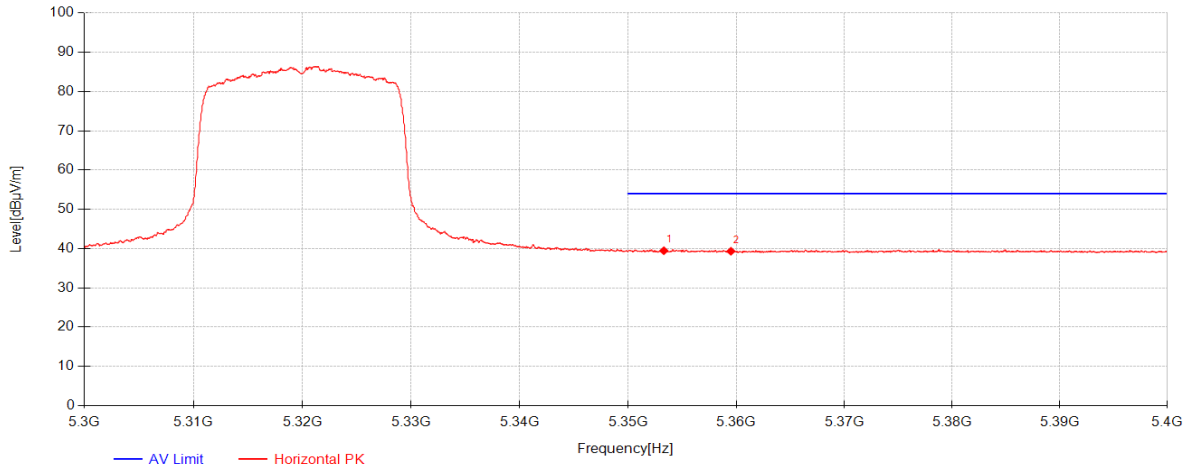
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5135.1333	38.36	31.72	-19.18	50.91	74.00	23.09	Vertical
2	5145.3333	37.89	31.75	-19.15	50.49	74.00	23.51	Vertical



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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	5353.3	26.12	32.25	-18.91	39.46	54.00	14.54	Horizontal
2	5359.5	25.99	32.26	-18.92	39.33	54.00	14.67	Horizontal

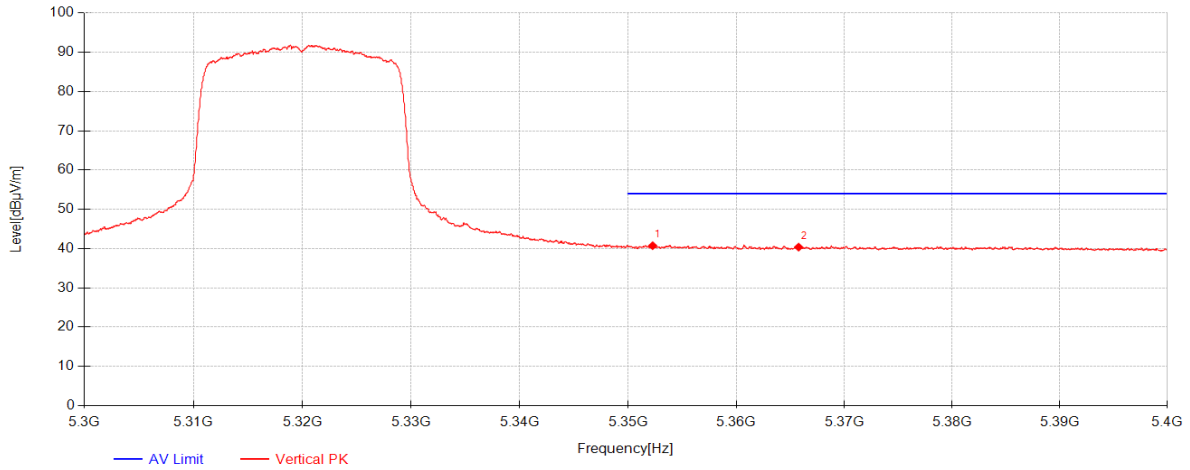


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5352.2667	27.40	32.25	-18.91	40.74	54.00	13.26	Vertical
2	5365.7667	27.04	32.28	-18.94	40.38	54.00	13.62	Vertical

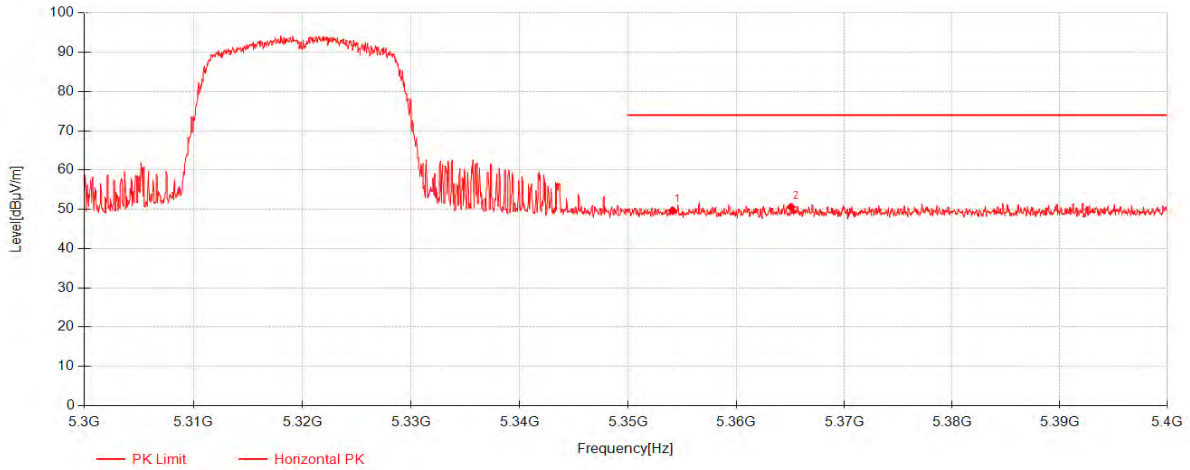


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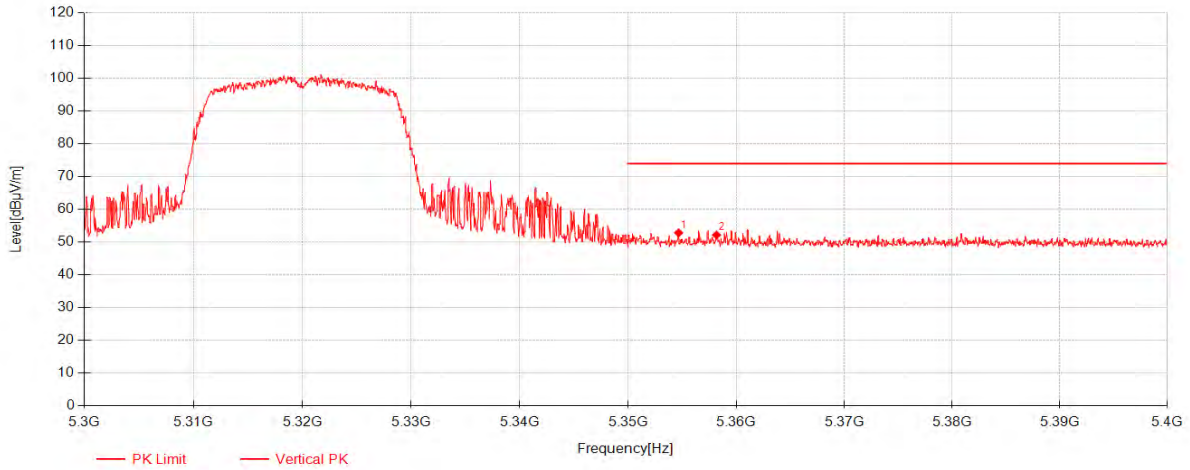
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5354.1	36.36	32.25	-18.91	49.70	74.00	24.30	Horizontal
2	5365.0667	37.24	32.28	-18.94	50.58	74.00	23.42	Horizontal



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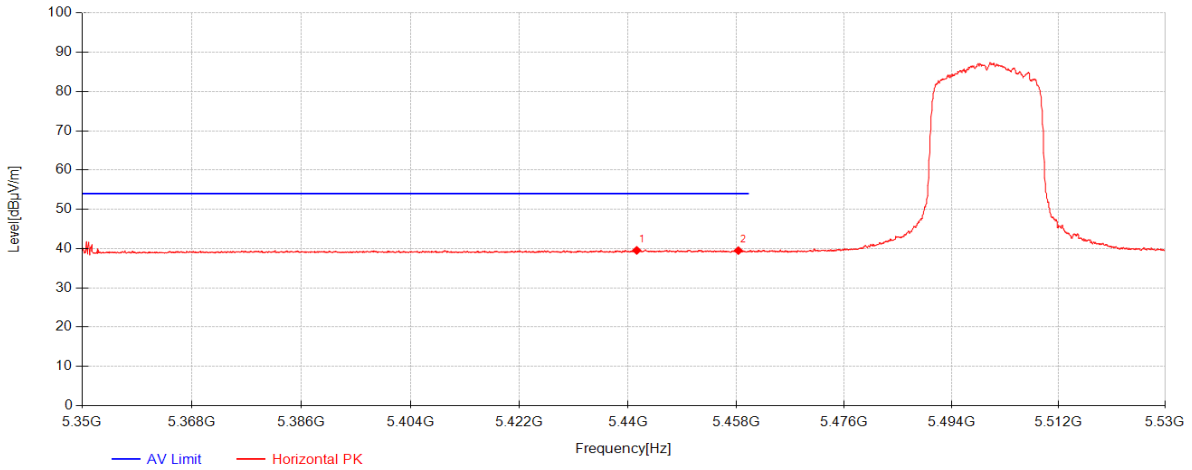
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5354.6667	39.47	32.25	-18.91	52.81	74.00	21.19	Vertical
2	5358.1667	38.83	32.26	-18.92	52.17	74.00	21.83	Vertical



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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	5441.44	26.18	32.46	-19.09	39.55	54.00	14.45	Horizontal
2	5458.36	26.10	32.50	-19.11	39.49	54.00	14.51	Horizontal

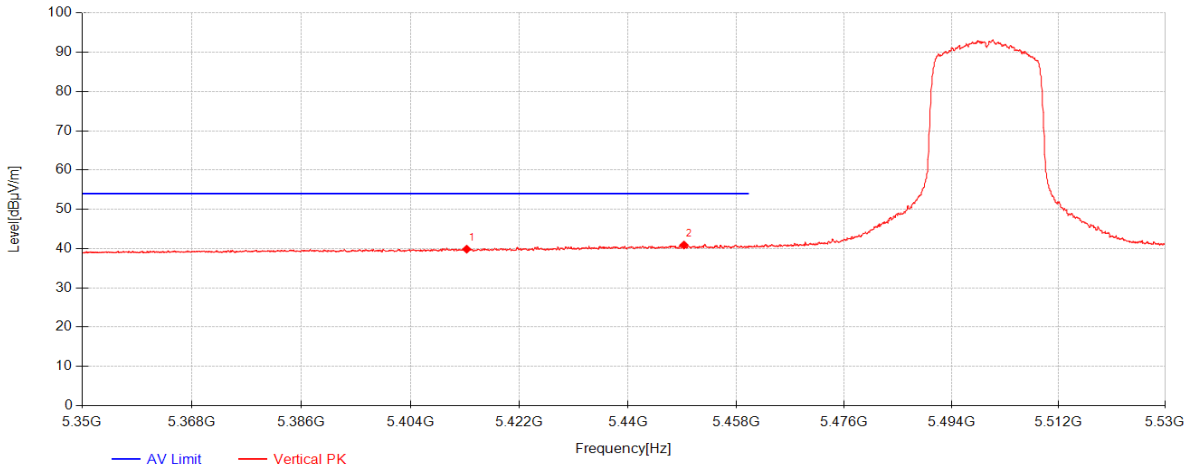


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5413.24	26.51	32.39	-19.04	39.86	54.00	14.14	Vertical
2	5449.3	27.54	32.48	-19.10	40.92	54.00	13.08	Vertical



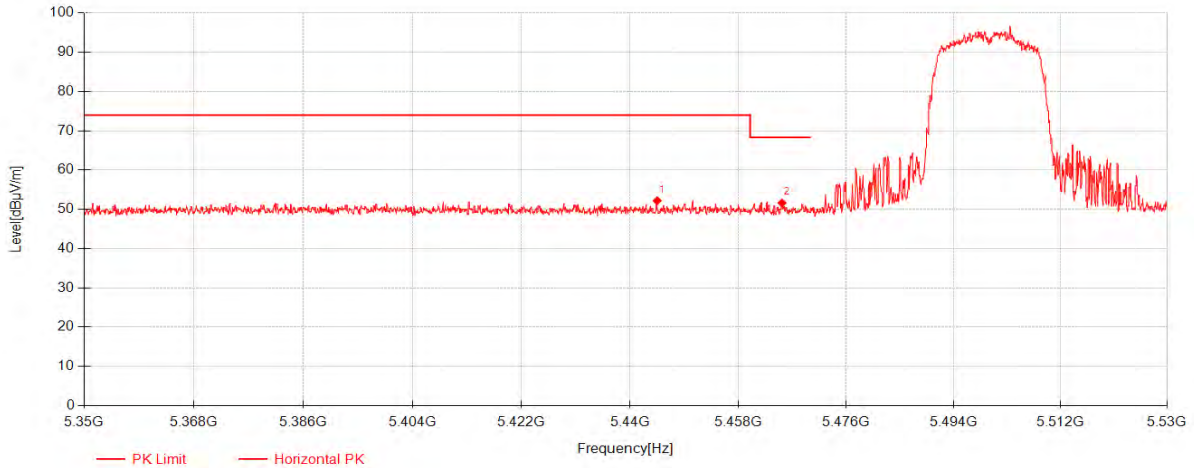
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5444.5	38.81	32.47	-19.09	52.19	74.00	21.81	Horizontal
2	5465.32	38.24	32.52	-19.12	51.63	68.30	16.67	Horizontal

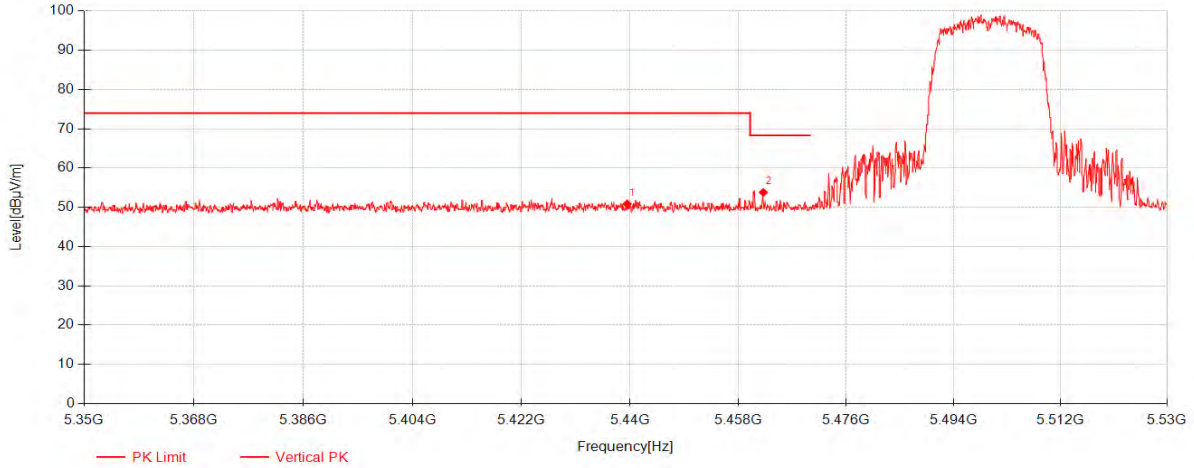


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5439.52	37.51	32.45	-19.08	50.88	74.00	23.12	Vertical
2	5462.2	40.42	32.51	-19.12	53.81	68.30	14.49	Vertical

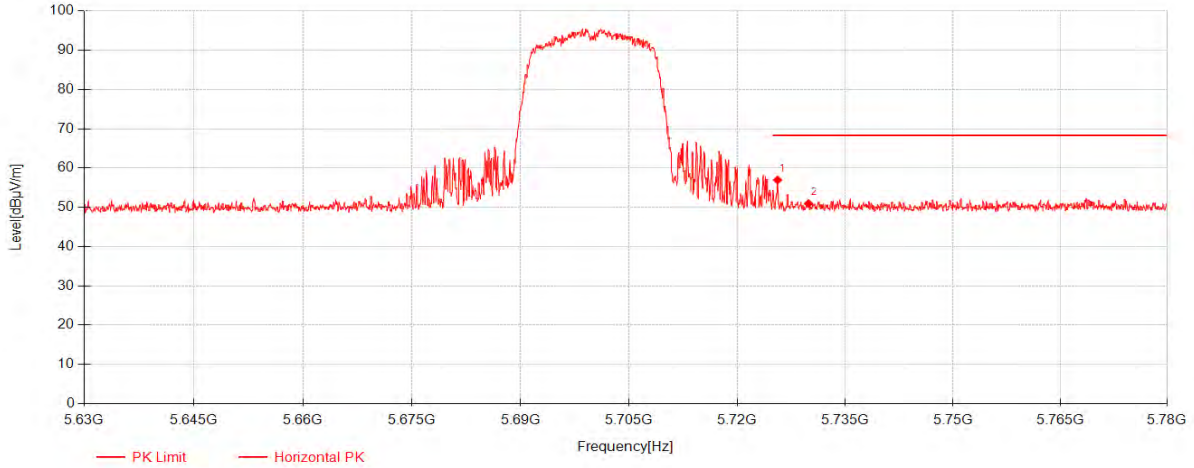


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5725.6	43.13	32.65	-18.81	56.97	68.30	11.33	Horizontal
2	5729.9	37.12	32.65	-18.82	50.95	68.30	17.35	Horizontal

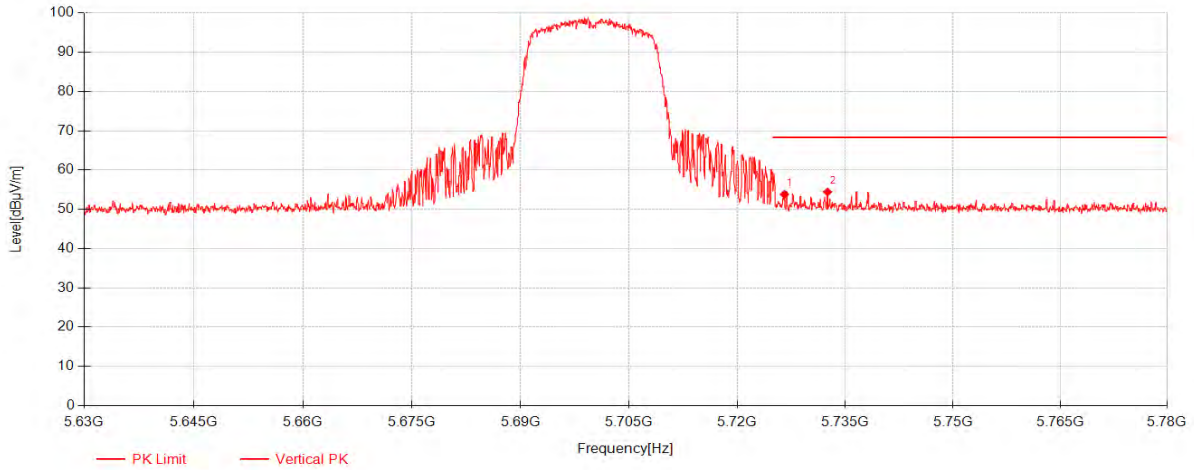


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5726.55	39.97	32.65	-18.81	53.81	68.30	14.49	Vertical
2	5732.55	40.62	32.65	-18.83	54.44	68.30	13.86	Vertical

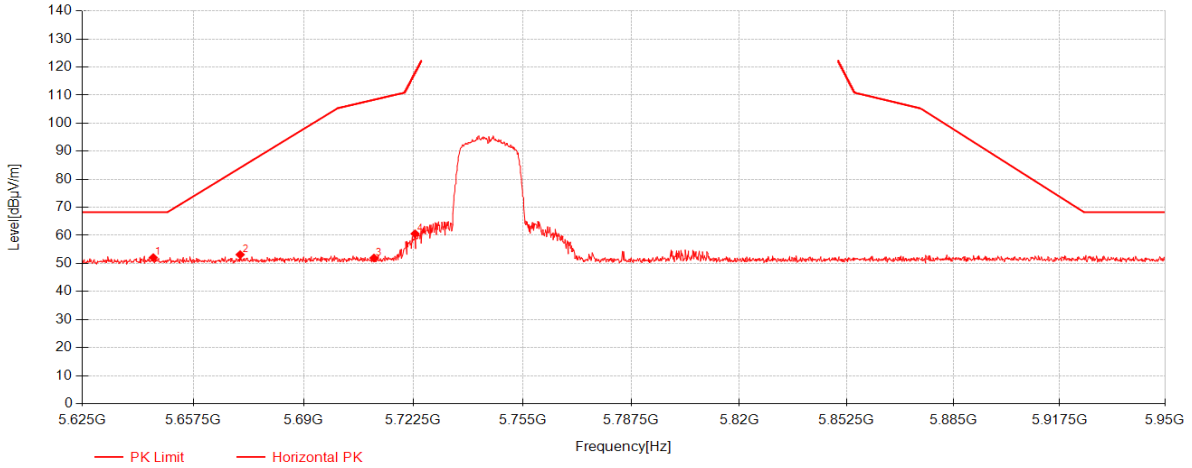


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802.11n20\_Channel 149



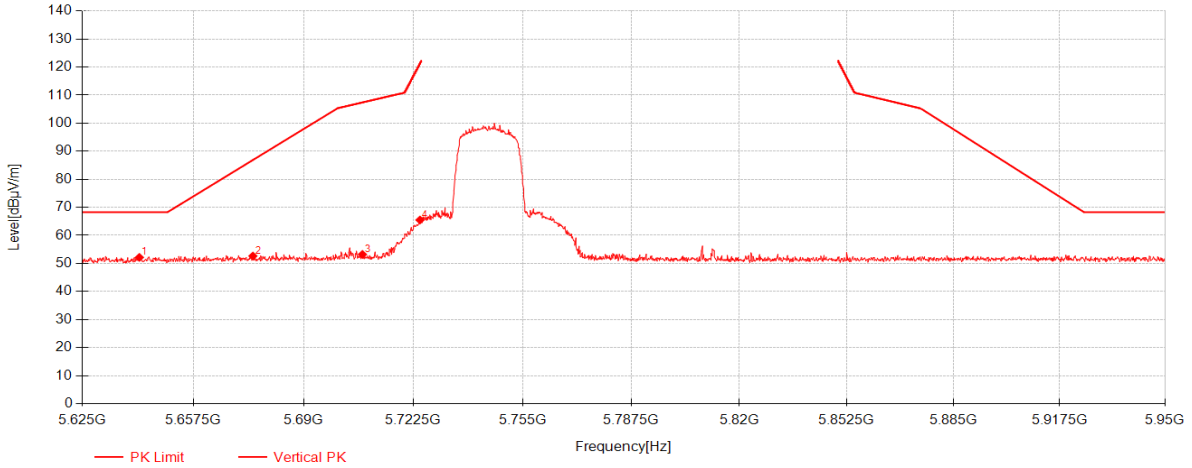
Data List								
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1	5645.8	38.19	32.63	-18.72	52.09	68.30	16.21	Horizontal
2	5671.3125	39.23	32.63	-18.73	53.14	84.11	30.97	Horizontal
3	5710.8	38.06	32.64	-18.76	51.94	108.33	56.39	Horizontal
4	5722.9875	46.73	32.64	-18.80	60.58	117.71	57.13	Horizontal



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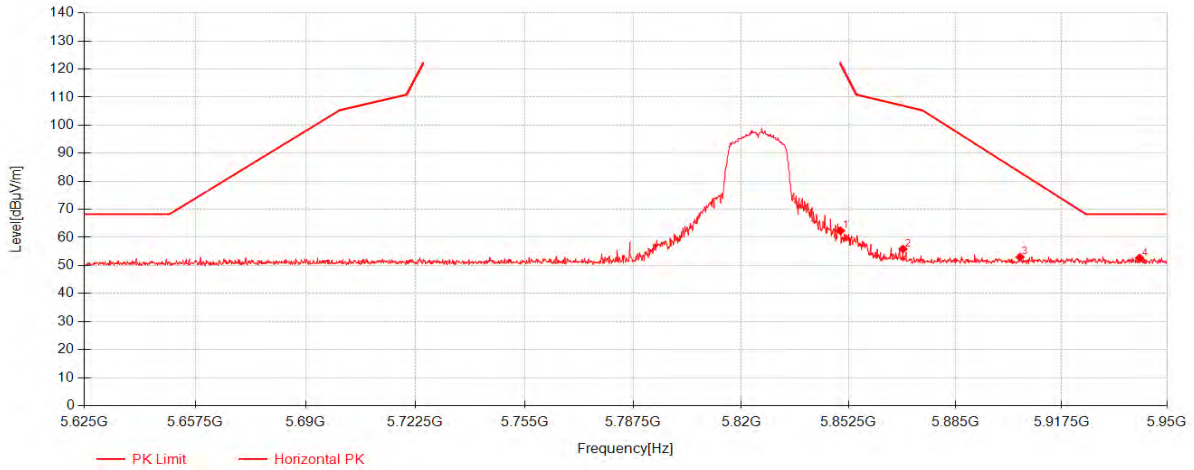
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5641.7375	38.26	32.63	-18.72	52.16	68.30	16.14	Vertical
2	5675.05	38.74	32.64	-18.73	52.65	86.88	34.23	Vertical
3	5707.3875	39.33	32.64	-18.75	53.22	107.37	54.15	Vertical
4	5724.45	51.65	32.64	-18.80	65.49	121.05	55.56	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	5850.0625	48.53	32.67	-18.88	62.32	122.16	59.84	Horizontal
2	5869.075	42.02	32.67	-18.83	55.86	106.96	51.10	Horizontal
3	5904.825	39.05	32.68	-18.75	52.98	83.19	30.21	Horizontal
4	5941.55	38.79	32.69	-18.83	52.65	68.30	15.65	Horizontal

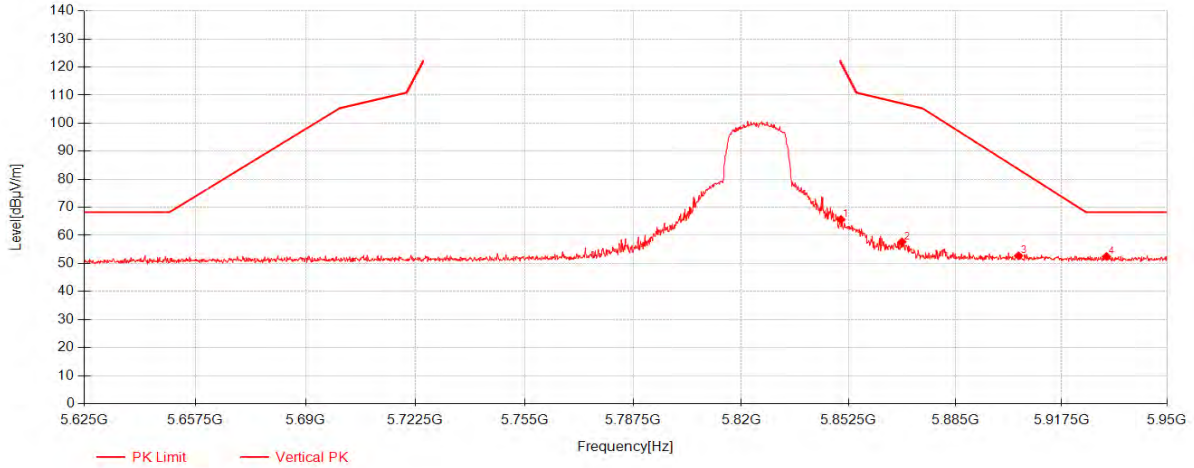


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802.11n20\_Channel 165



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5850.225	51.86	32.67	-18.88	65.65	121.79	56.14	Vertical
2	5868.75	43.86	32.67	-18.83	57.70	107.05	49.35	Vertical
3	5904.3375	38.80	32.68	-18.75	52.73	83.55	30.82	Vertical
4	5931.3125	38.60	32.69	-18.81	52.48	68.30	15.82	Vertical

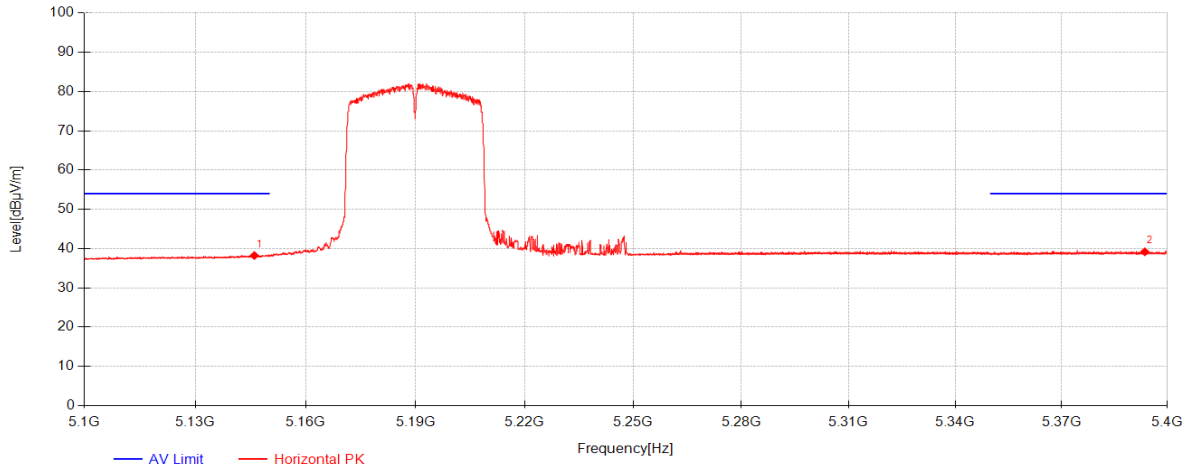


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802.11n40\_Channel 38



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.0267	25.64	31.75	-19.15	38.24	54.00	15.76	Horizontal
2	5393.665	25.85	32.34	-19.00	39.19	54.00	14.81	Horizontal

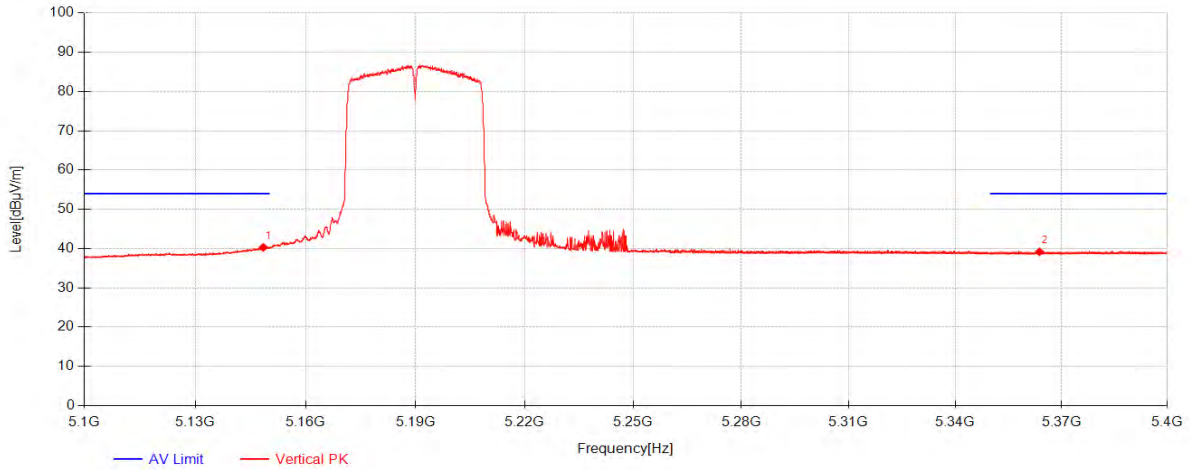


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5148.48	27.70	31.76	-19.14	40.31	54.00	13.69	Vertical
2	5363.7575	25.85	32.27	-18.93	39.19	54.00	14.81	Vertical

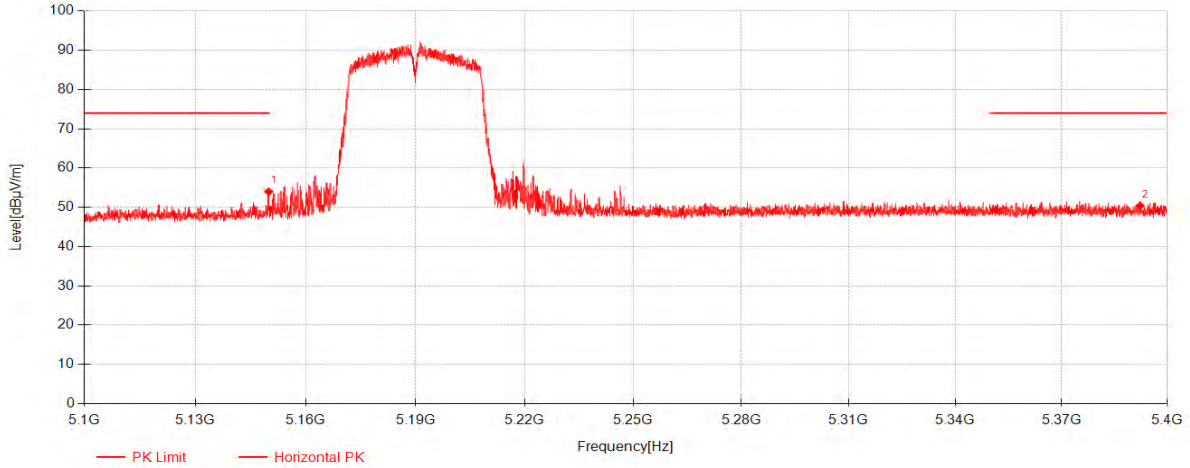


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802.11n40\_Channel 38



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5149.94	41.37	31.76	-19.14	53.99	74.00	20.01	Horizontal
2	5392.3175	37.04	32.34	-19.00	50.38	74.00	23.62	Horizontal

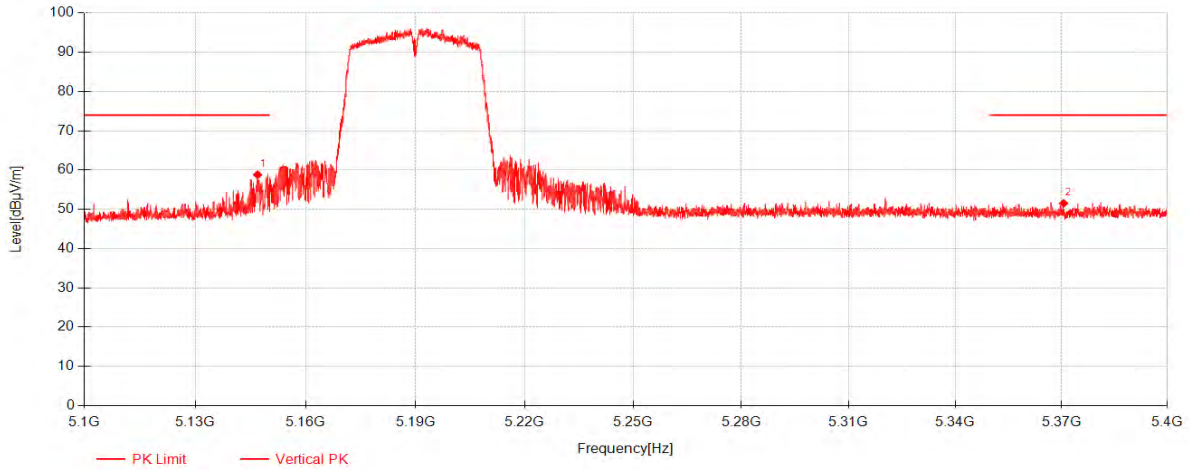


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.94	46.20	31.75	-19.15	58.81	74.00	15.19	Vertical
2	5370.5825	38.18	32.29	-18.95	51.52	74.00	22.48	Vertical

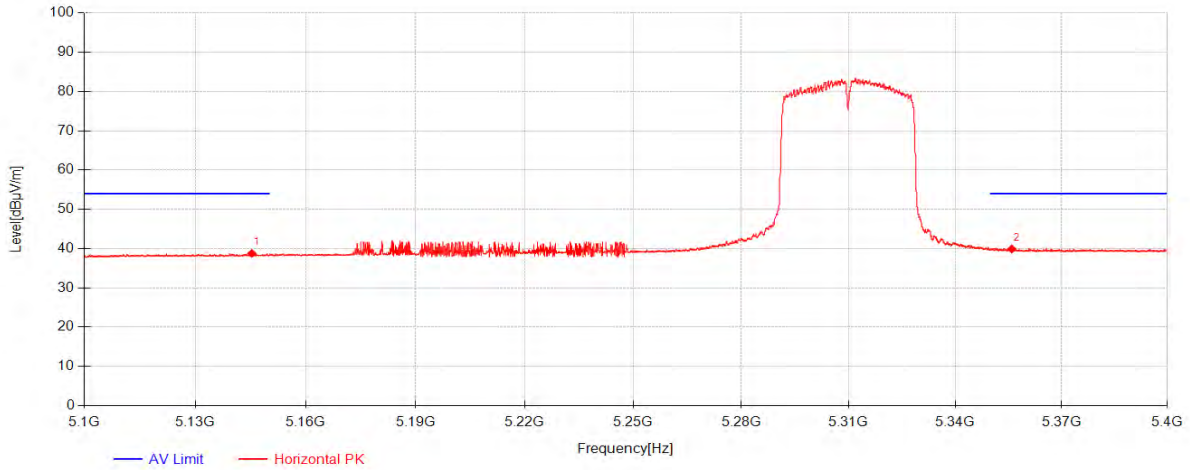


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802.11n40\_Channel 62



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5145.35	26.18	31.75	-19.15	38.78	54.00	15.22	Horizontal
2	5355.9	26.56	32.25	-18.91	39.90	54.00	14.10	Horizontal

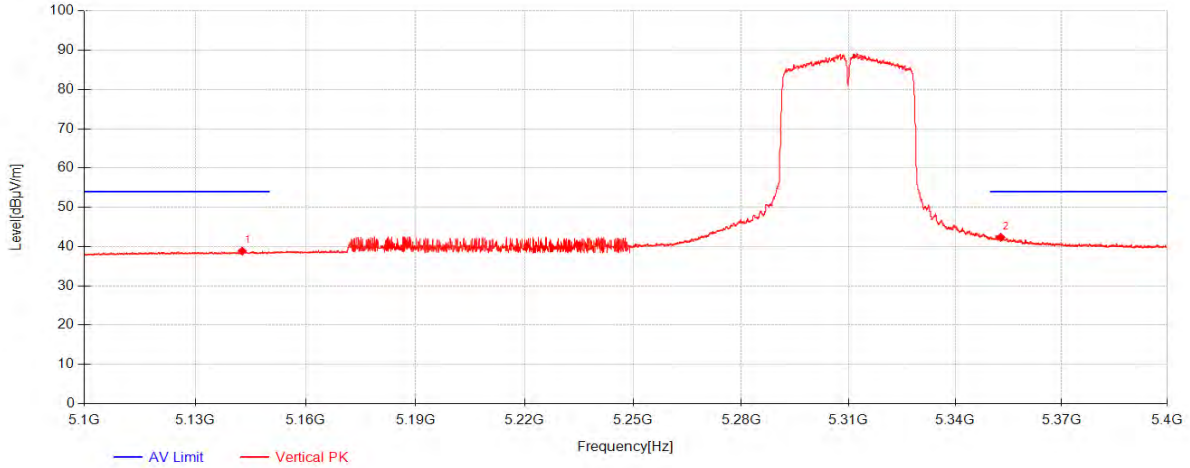


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5142.75	26.26	31.74	-19.16	38.85	54.00	15.15	Vertical
2	5352.8	29.03	32.25	-18.91	42.37	54.00	11.63	Vertical

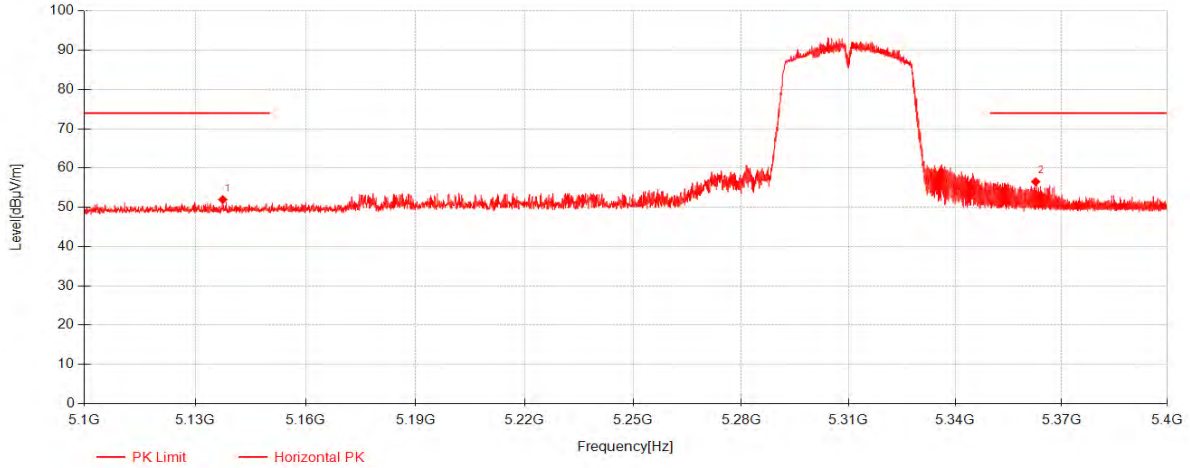


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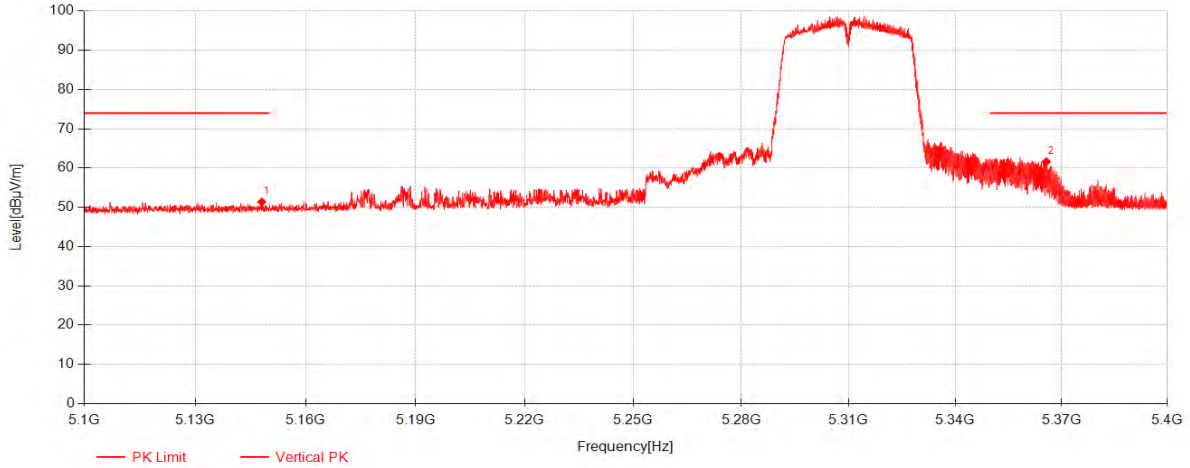
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5137.4667	39.42	31.73	-19.17	51.98	74.00	22.02	Horizontal
2	5362.6625	43.20	32.27	-18.93	56.54	74.00	17.46	Horizontal



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802.11n40\_Channel 62



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5148.0667	38.76	31.76	-19.14	51.37	74.00	22.63	Vertical
2	5365.6875	48.28	32.28	-18.94	61.62	74.00	12.38	Vertical



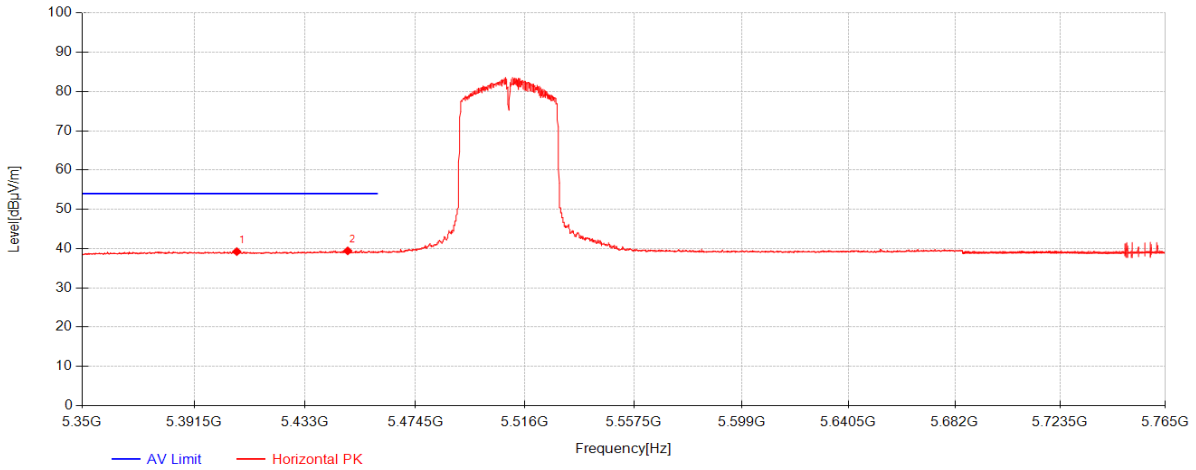
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802.11n40\_Channel 102



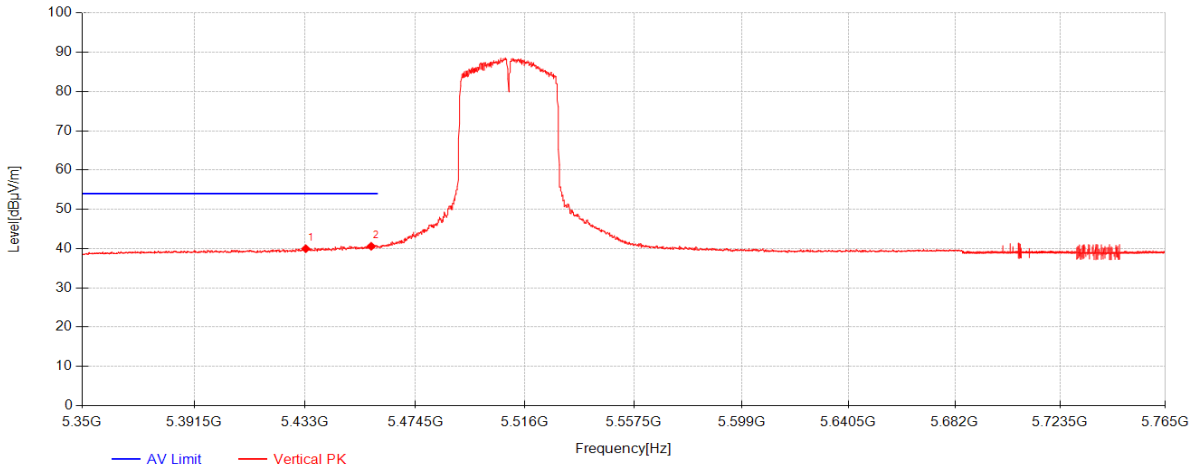
Data List								
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1	5407.3967	25.89	32.38	-19.03	39.24	54.00	14.76	Horizontal
2	5448.9367	26.04	32.48	-19.10	39.42	54.00	14.58	Horizontal



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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	5433.1917	26.60	32.44	-19.07	39.97	54.00	14.03	Vertical
2	5457.7583	27.20	32.50	-19.11	40.59	54.00	13.41	Vertical



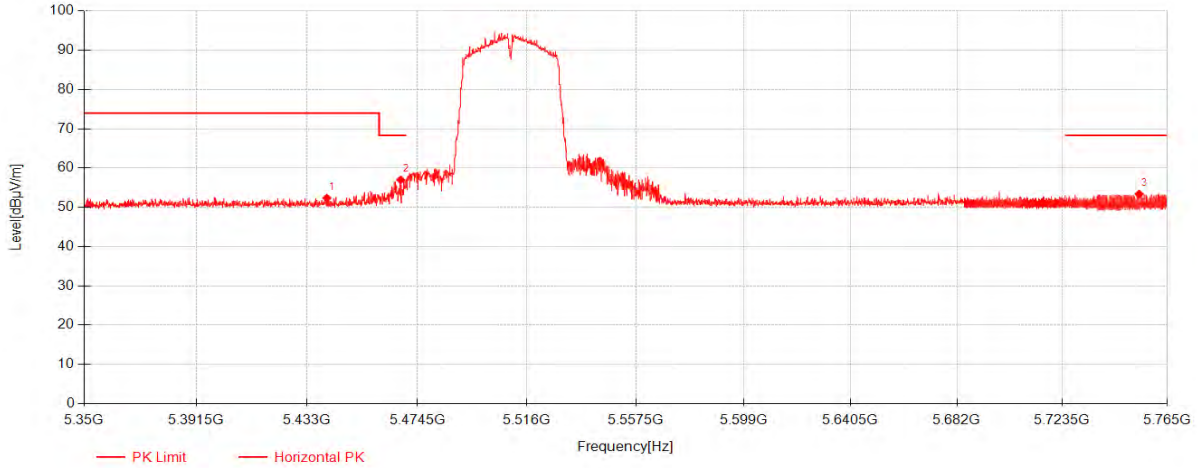
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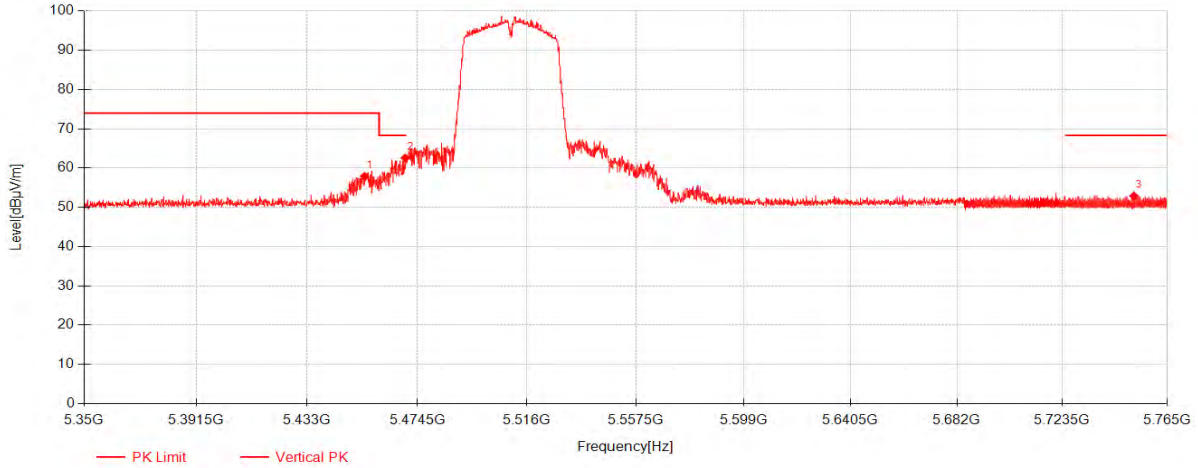
Data List								
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1	5440.3383	38.98	32.46	-19.08	52.35	74.00	21.65	Horizontal
2	5468.1433	43.61	32.52	-19.13	57.00	68.30	11.30	Horizontal
3	5753.89	39.63	32.65	-18.89	53.39	68.30	14.91	Horizontal



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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	5454.52	44.55	32.49	-19.11	57.93	74.00	16.07	Vertical
2	5469.8183	49.19	32.53	-19.13	62.59	68.30	5.71	Vertical
3	5751.84	39.15	32.65	-18.89	52.91	68.30	15.39	Vertical

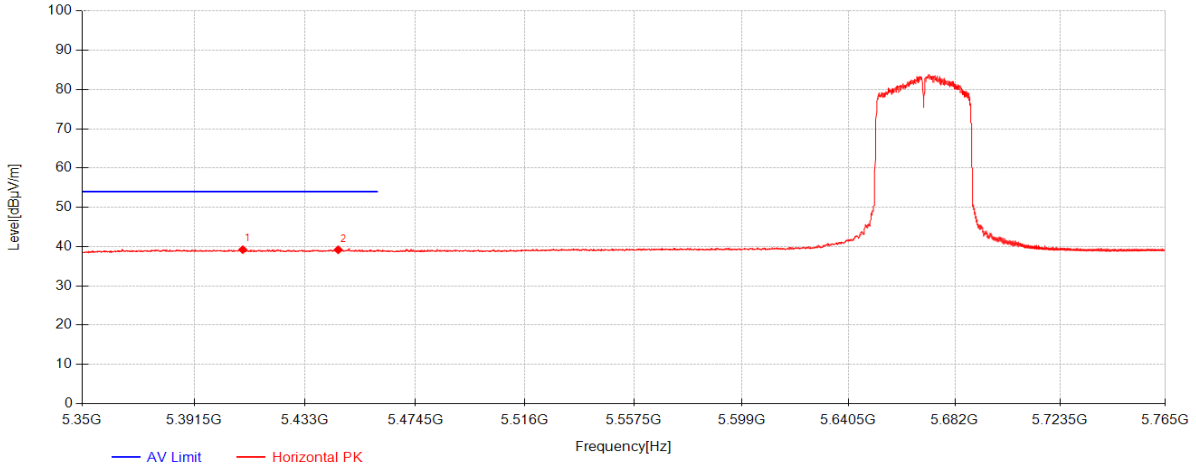


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5409.63	25.87	32.38	-19.04	39.22	54.00	14.78	Horizontal
2	5445.3633	25.80	32.47	-19.09	39.18	54.00	14.82	Horizontal

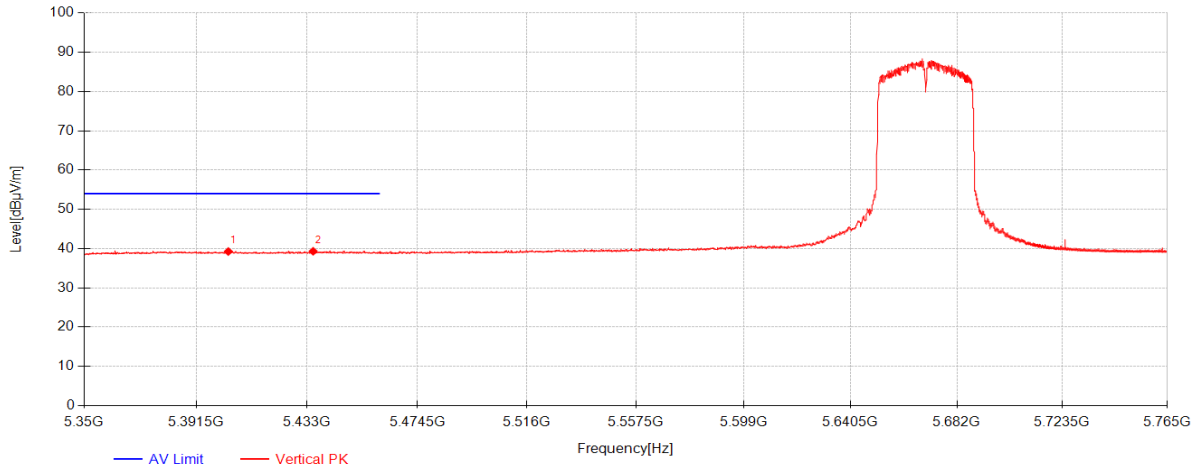


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5403.4883	25.92	32.37	-19.03	39.26	54.00	14.74	Vertical
2	5435.2017	25.95	32.44	-19.08	39.32	54.00	14.68	Vertical

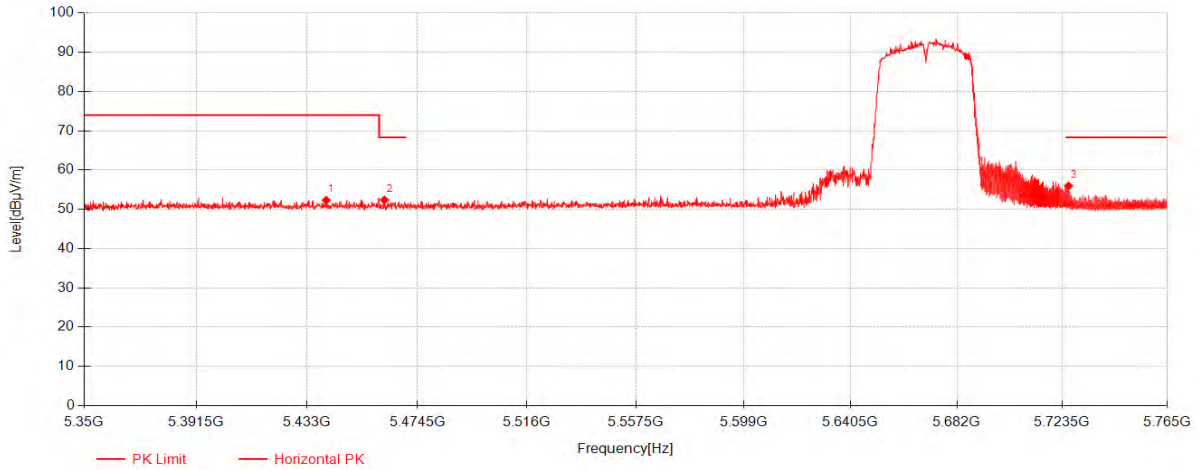


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5440.115	38.96	32.46	-19.08	52.33	74.00	21.67	Horizontal
2	5462.0017	39.00	32.51	-19.12	52.39	68.30	15.91	Horizontal
3	5725.96	42.12	32.65	-18.81	55.96	68.30	12.34	Horizontal

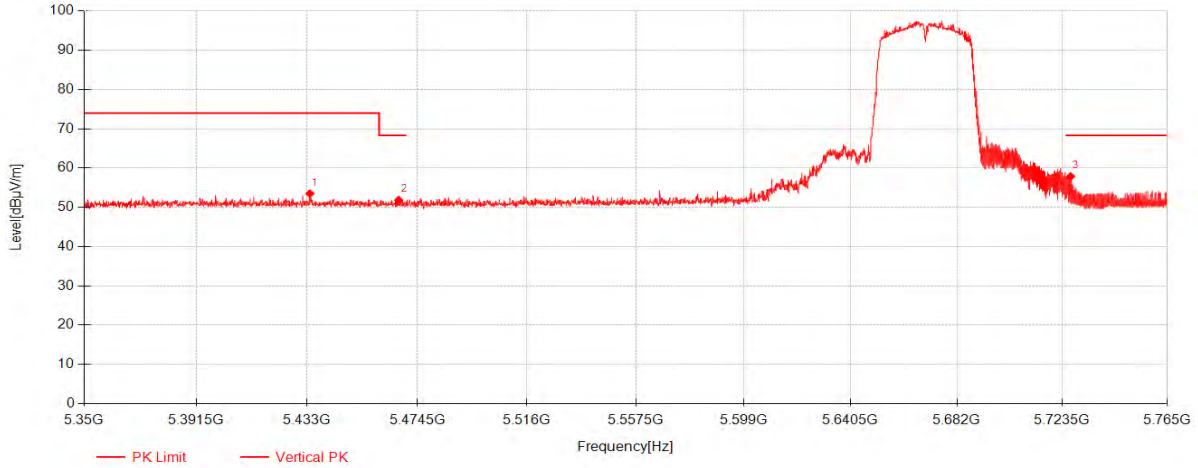


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5433.9733	40.13	32.44	-19.07	53.50	74.00	20.50	Vertical
2	5467.3617	38.47	32.52	-19.13	51.86	68.30	16.44	Vertical
3	5726.76	44.02	32.65	-18.81	57.86	68.30	10.44	Vertical



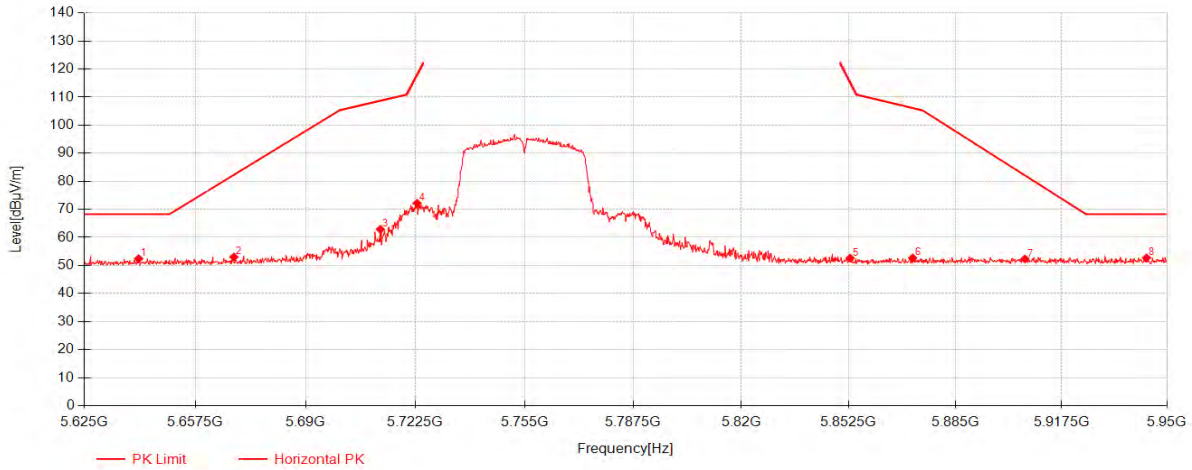
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802.11n40\_Channel 151



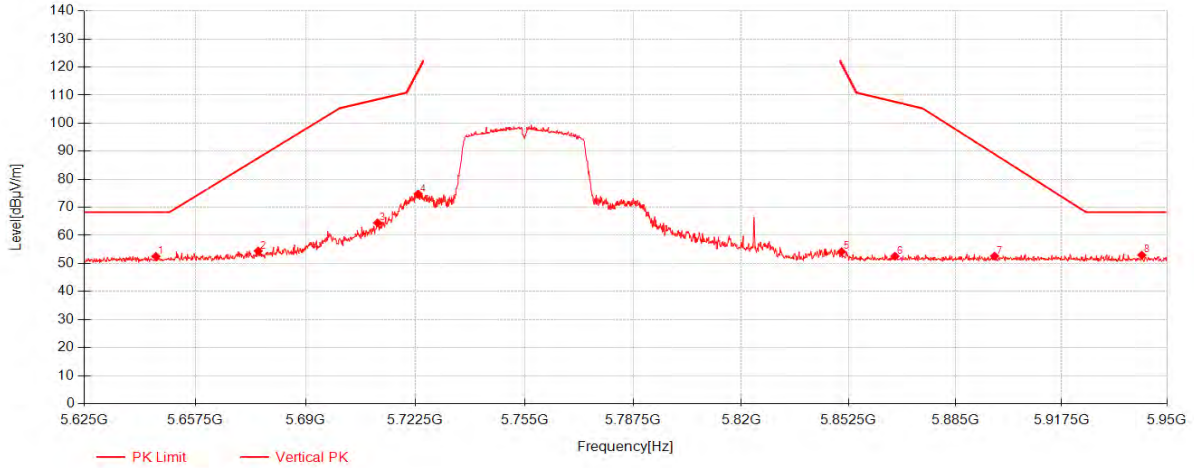
Data List								
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1	5640.925	38.49	32.63	-18.72	52.39	68.30	15.91	Horizontal
2	5668.875	39.12	32.63	-18.73	53.03	82.31	29.28	Horizontal
3	5712.1	48.99	32.64	-18.77	62.87	108.69	45.82	Horizontal
4	5722.9875	58.34	32.64	-18.80	72.19	117.71	45.52	Horizontal
5	5852.9875	38.82	32.67	-18.88	52.61	115.49	62.88	Horizontal
6	5872	38.84	32.67	-18.82	52.69	106.14	53.45	Horizontal
7	5906.2875	38.36	32.68	-18.75	52.29	82.11	29.82	Horizontal
8	5943.6625	38.87	32.69	-18.83	52.73	68.30	15.57	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	5645.9625	38.62	32.63	-18.72	52.52	68.30	15.78	Vertical
2	5676.025	40.54	32.64	-18.73	54.45	87.60	33.15	Vertical
3	5711.2875	50.56	32.64	-18.76	64.44	108.46	44.02	Vertical
4	5723.3125	60.93	32.64	-18.80	74.77	118.45	43.68	Vertical
5	5850.3875	40.41	32.67	-18.88	54.20	121.42	67.22	Vertical
6	5866.6375	38.74	32.67	-18.84	52.58	107.64	55.06	Vertical
7	5897.025	38.68	32.68	-18.75	52.61	88.96	36.35	Vertical
8	5942.2	39.12	32.69	-18.83	52.98	68.30	15.32	Vertical

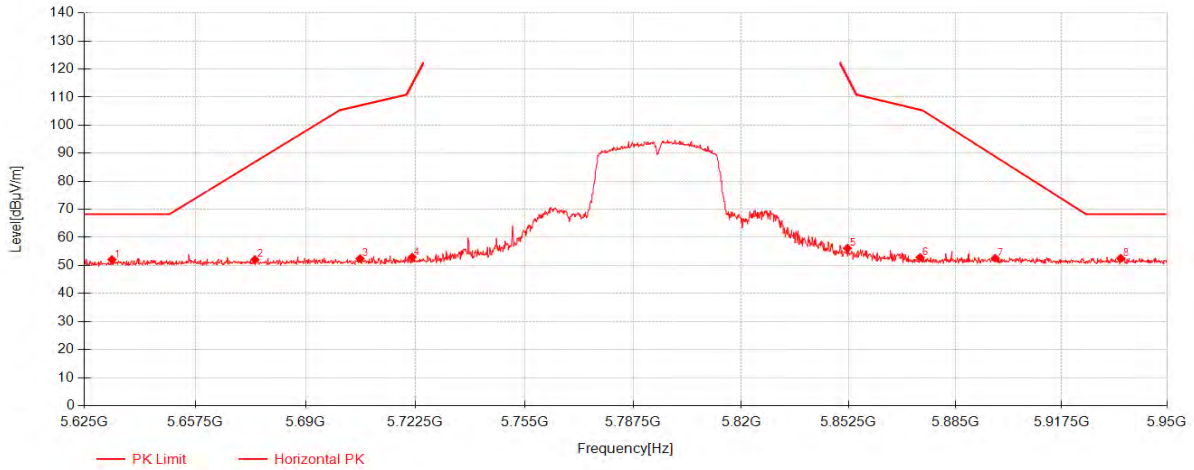


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802.11n40\_Channel 159



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5633.125	38.17	32.63	-18.72	52.07	68.30	16.23	Horizontal
2	5675.05	38.19	32.64	-18.73	52.10	86.88	34.78	Horizontal
3	5706.0875	38.57	32.64	-18.75	52.46	107.01	54.55	Horizontal
4	5721.525	39.12	32.64	-18.79	52.97	114.38	61.41	Horizontal
5	5852.175	42.34	32.67	-18.88	56.13	117.34	61.21	Horizontal
6	5874.275	39.01	32.67	-18.81	52.87	105.50	52.63	Horizontal
7	5897.1875	38.65	32.68	-18.75	52.58	88.84	36.26	Horizontal
8	5935.7	38.69	32.69	-18.81	52.56	68.30	15.74	Horizontal

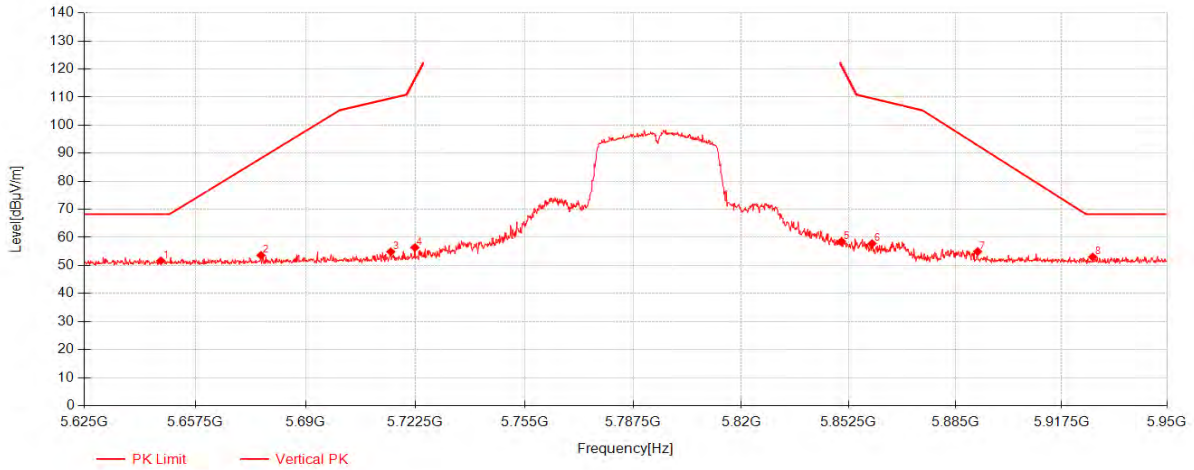


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802.11n40\_Channel 159



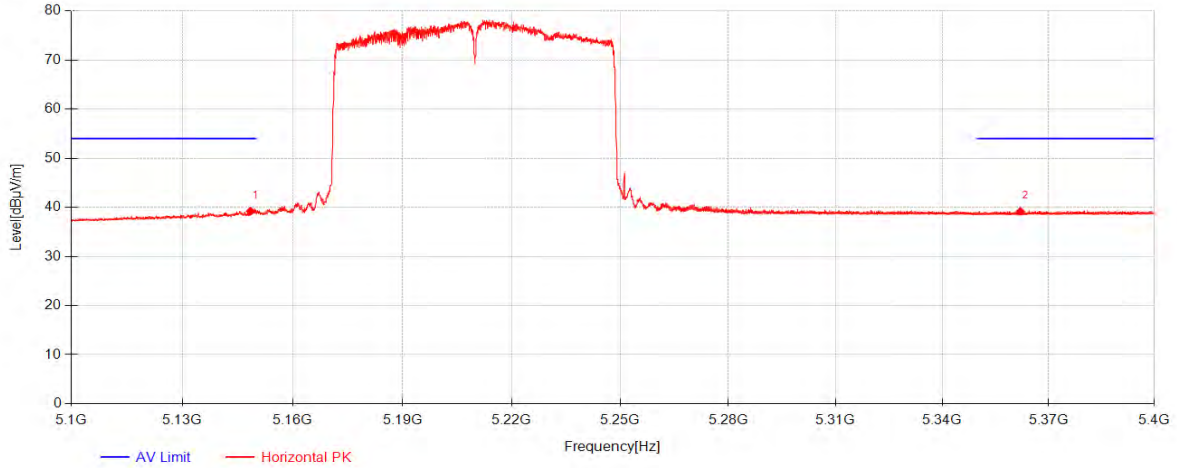
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5647.425	37.78	32.63	-18.72	51.68	68.30	16.62	Vertical
2	5676.8375	39.71	32.64	-18.73	53.62	88.20	34.58	Vertical
3	5715.1875	41.01	32.64	-18.78	54.88	109.55	54.67	Vertical
4	5722.3375	42.53	32.64	-18.80	56.38	116.23	59.85	Vertical
5	5850.3875	44.80	32.67	-18.88	58.59	121.42	62.83	Vertical
6	5859.65	43.96	32.67	-18.86	57.77	109.60	51.83	Vertical
7	5891.825	41.05	32.68	-18.76	54.96	92.81	37.85	Vertical
8	5927.0875	39.15	32.69	-18.80	53.04	68.30	15.26	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	5148.5333	26.61	31.76	-19.14	39.22	54.00	14.78	Horizontal
2	5362.025	25.85	32.27	-18.93	39.19	54.00	14.81	Horizontal

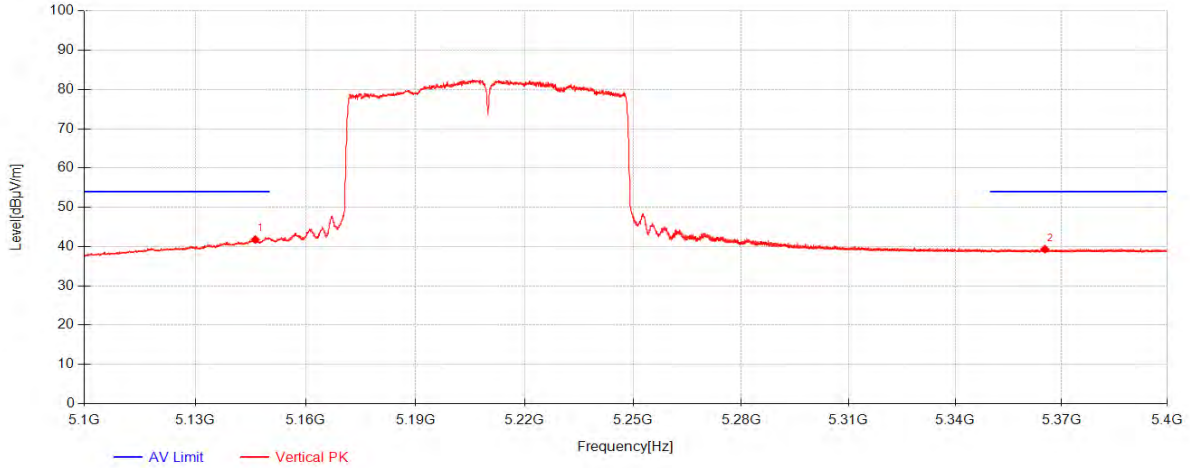


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.2933	29.18	31.75	-19.15	41.78	54.00	12.22	Vertical
2	5365.28	26.00	32.28	-18.94	39.34	54.00	14.66	Vertical

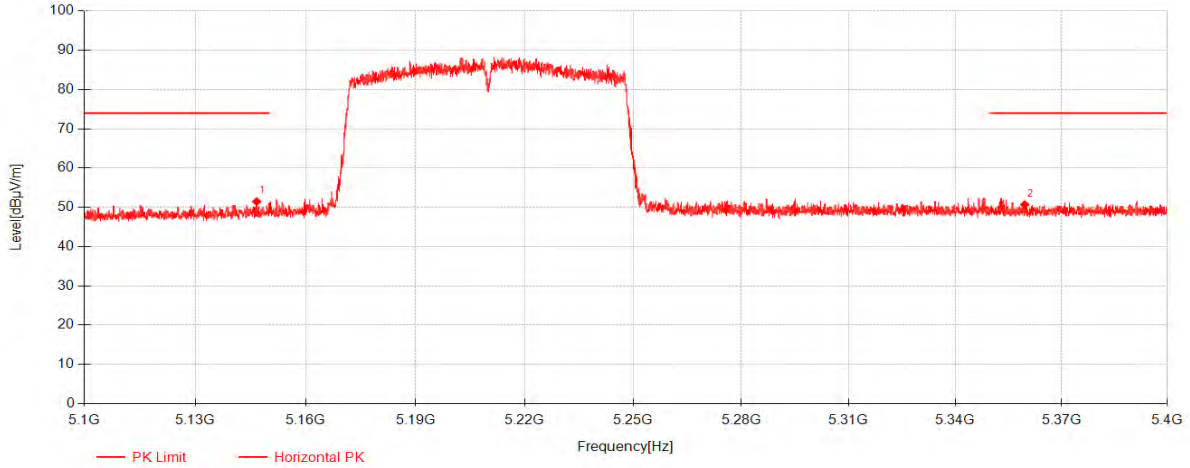


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.66	38.88	31.75	-19.15	51.48	74.00	22.52	Horizontal
2	5359.5925	37.34	32.26	-18.92	50.68	74.00	23.32	Horizontal



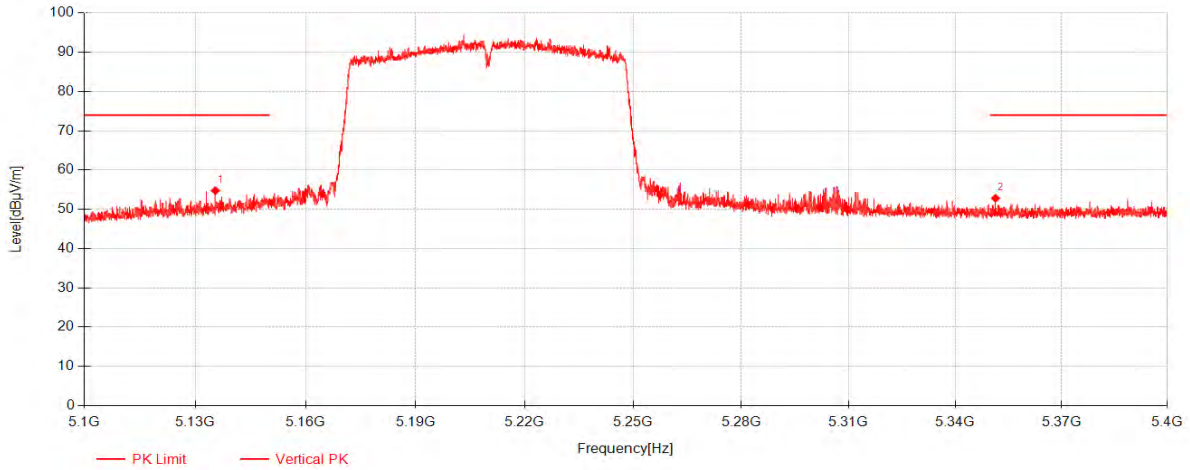
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5135.46	42.21	31.73	-19.17	54.76	74.00	19.24	Vertical
2	5351.3325	39.48	32.24	-18.90	52.82	74.00	21.18	Vertical



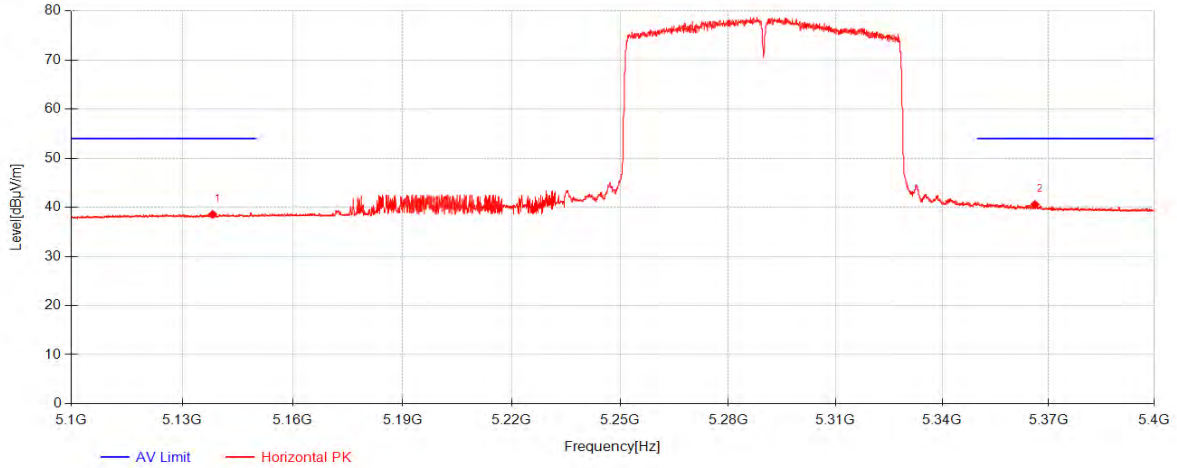
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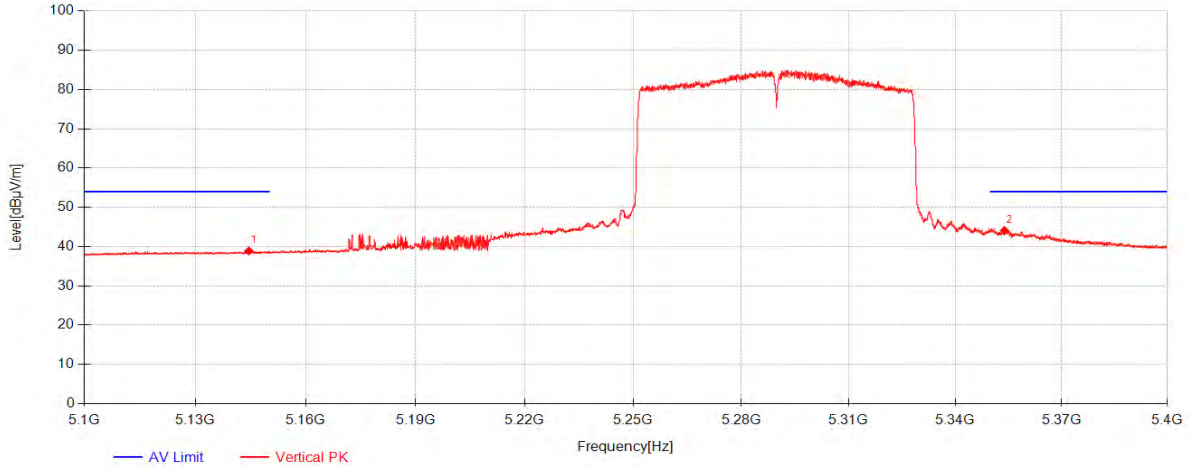
Data List								
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1	5138.25	25.99	31.73	-19.17	38.55	54.00	15.45	Horizontal
2	5366.15	27.24	32.28	-18.94	40.58	54.00	13.42	Horizontal



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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	5144.55	26.30	31.75	-19.15	38.89	54.00	15.11	Vertical
2	5353.825	30.74	32.25	-18.91	44.08	54.00	9.92	Vertical

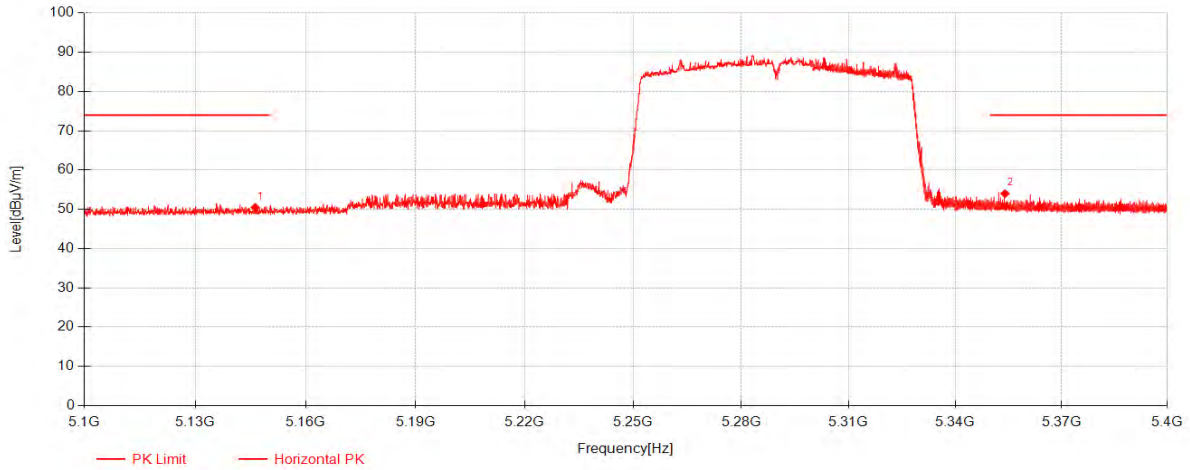


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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5146.2667	37.88	31.75	-19.15	50.48	74.00	23.52	Horizontal
2	5354.0125	40.66	32.25	-18.91	54.00	74.00	20.00	Horizontal



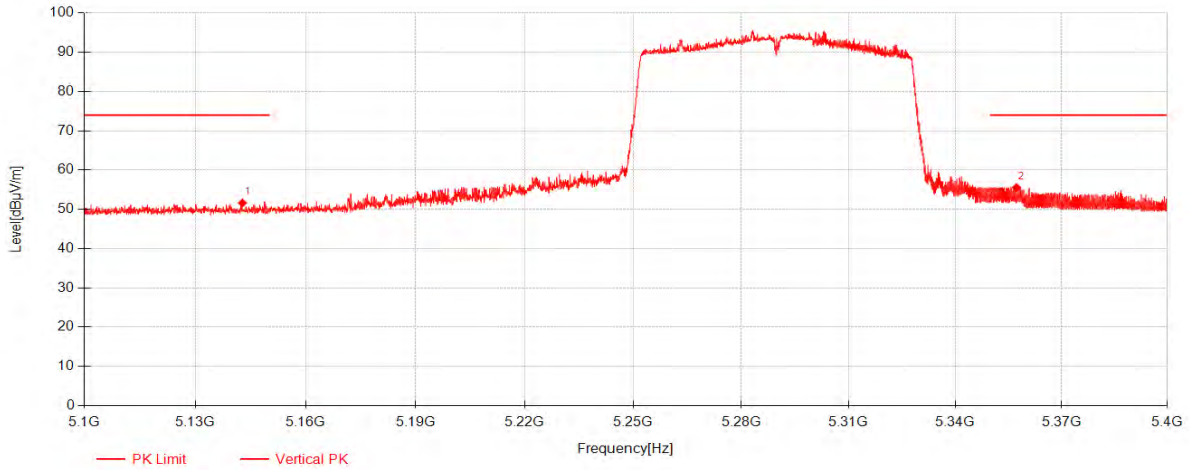
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1	5142.8	39.04	31.74	-19.16	51.63	74.00	22.37	Vertical
2	5357.2625	42.24	32.26	-18.92	55.58	74.00	18.42	Vertical

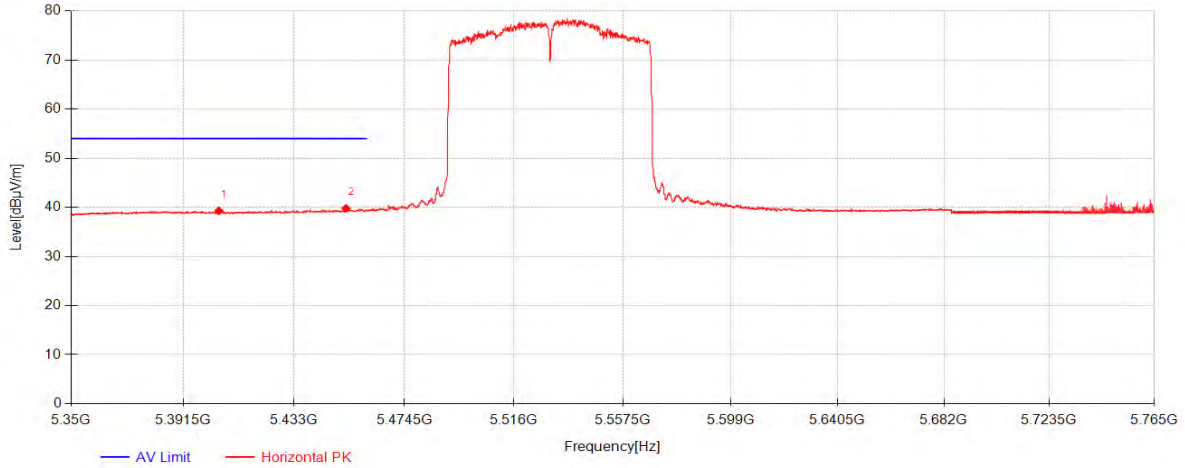


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802.11ac80\_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5404.8283	25.94	32.37	-19.03	39.28	54.00	14.72	Horizontal
2	5452.3983	26.40	32.49	-19.10	39.78	54.00	14.22	Horizontal

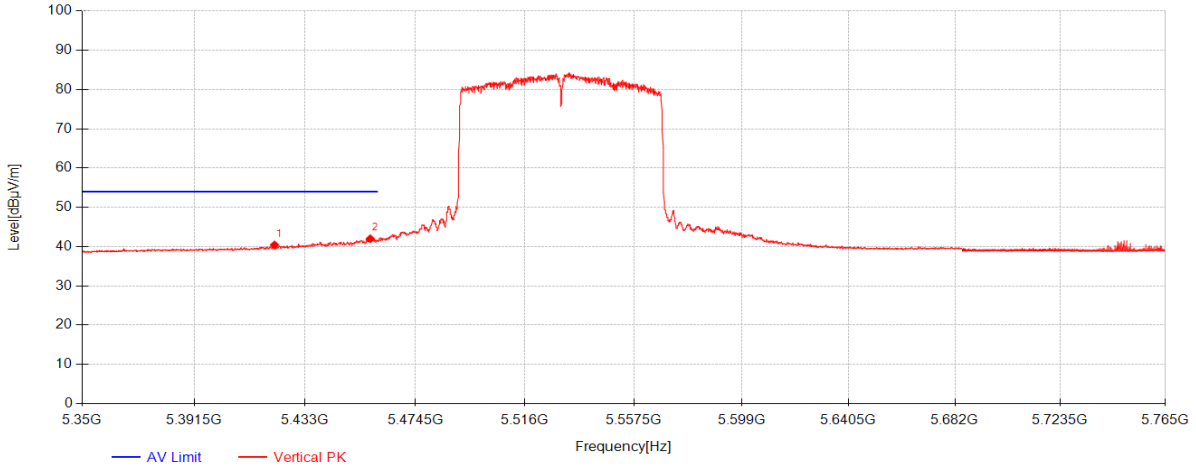


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802.11ac80\_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5421.4667	27.07	32.41	-19.05	40.43	54.00	13.57	Vertical
2	5457.4233	28.61	32.50	-19.11	42.00	54.00	12.00	Vertical

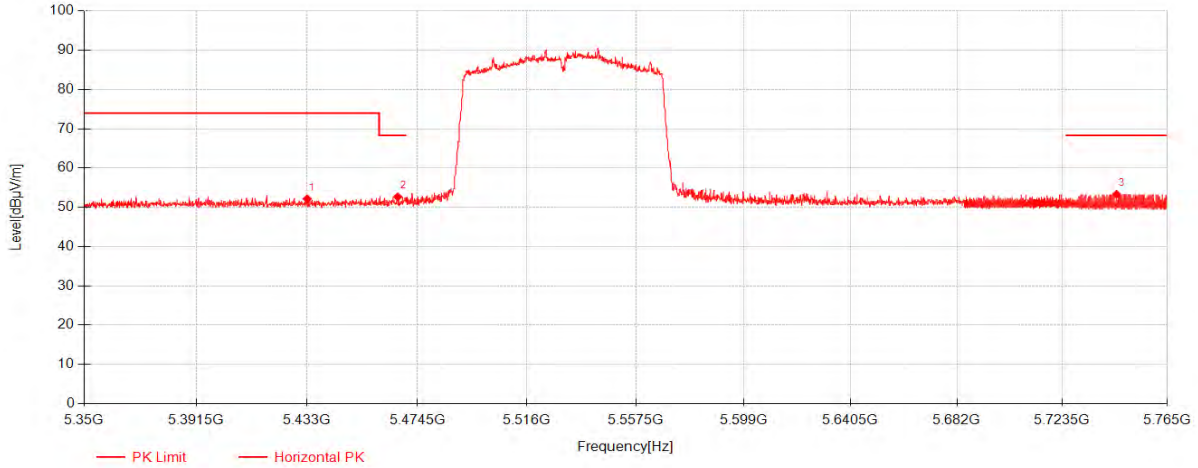


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802.11ac80\_Channel 106



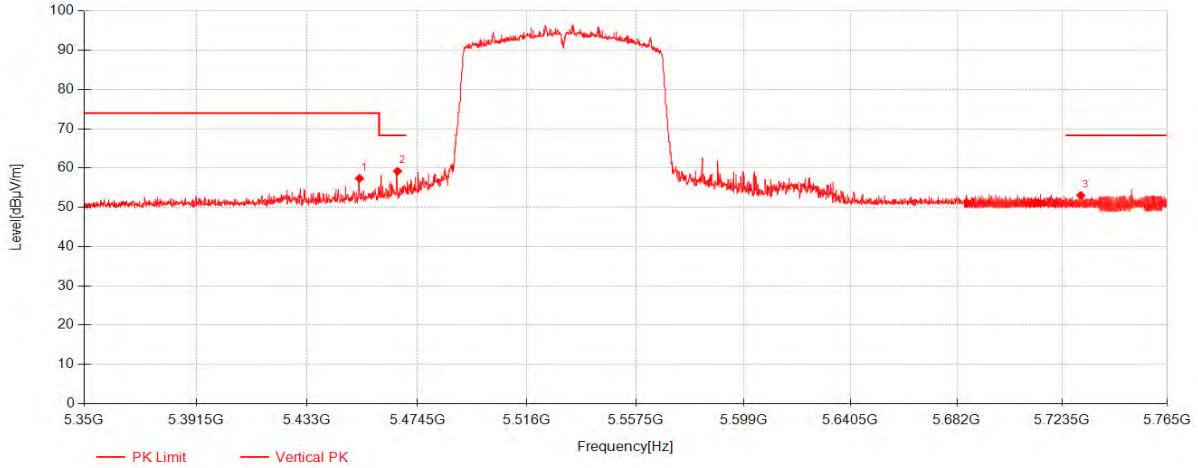
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5432.9683	38.79	32.44	-19.07	52.16	74.00	21.84	Horizontal
2	5467.0267	39.28	32.52	-19.13	52.67	68.30	15.63	Horizontal
3	5744.93	39.54	32.65	-18.86	53.32	68.30	14.98	Horizontal



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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	5452.6217	43.97	32.49	-19.10	57.35	74.00	16.65	Vertical
2	5466.915	45.81	32.52	-19.13	59.20	68.30	9.10	Vertical
3	5730.77	39.24	32.65	-18.82	53.06	68.30	15.24	Vertical



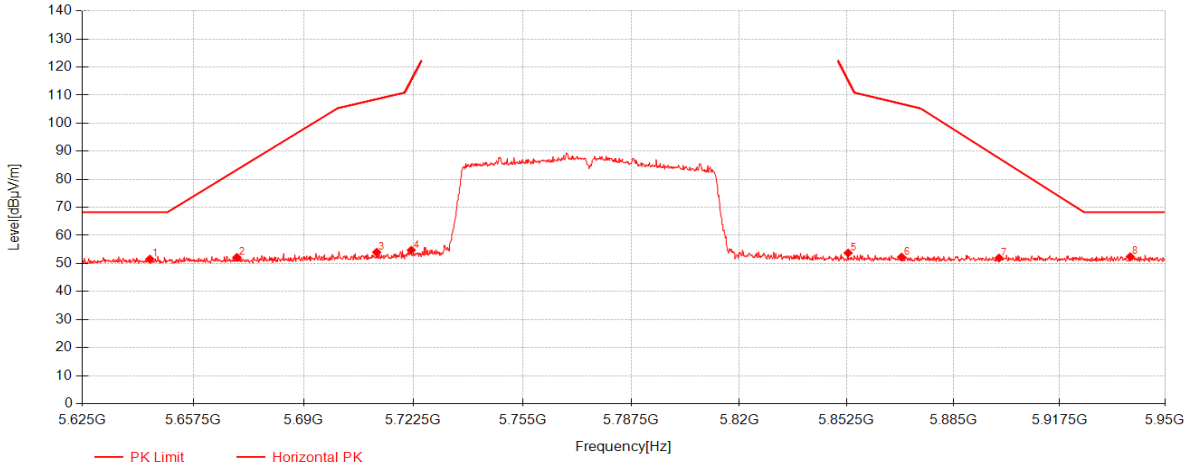
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802.11ac80\_Channel 155



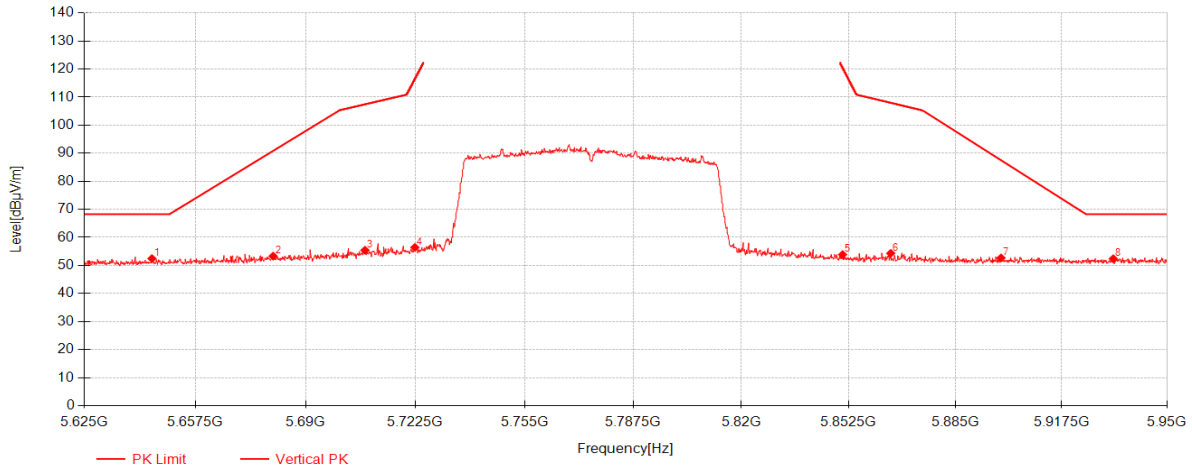
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5644.825	37.67	32.63	-18.72	51.57	68.30	16.73	Horizontal
2	5670.3375	38.26	32.63	-18.73	52.17	83.39	31.22	Horizontal
3	5711.6125	40.12	32.64	-18.76	54.00	108.55	54.55	Horizontal
4	5721.85	40.87	32.64	-18.80	54.72	115.12	60.40	Horizontal
5	5852.9875	39.94	32.67	-18.88	53.73	115.49	61.76	Horizontal
6	5869.2375	38.42	32.67	-18.83	52.26	106.91	54.65	Horizontal
7	5898.975	38.00	32.68	-18.74	51.94	87.52	35.58	Horizontal
8	5939.275	38.54	32.69	-18.82	52.41	68.30	15.89	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	5644.825	38.55	32.63	-18.72	52.45	68.30	15.85	Vertical
2	5680.4125	39.40	32.64	-18.73	53.31	90.84	37.53	Vertical
3	5707.55	41.54	32.64	-18.75	55.43	107.42	51.99	Vertical
4	5722.3375	42.59	32.64	-18.80	56.44	116.23	59.79	Vertical
5	5850.7125	40.10	32.67	-18.88	53.89	120.67	66.78	Vertical
6	5865.3375	40.50	32.67	-18.84	54.33	108.00	53.67	Vertical
7	5898.975	38.74	32.68	-18.74	52.68	87.52	34.84	Vertical
8	5933.425	38.51	32.69	-18.81	52.39	68.30	15.91	Vertical

Remark:

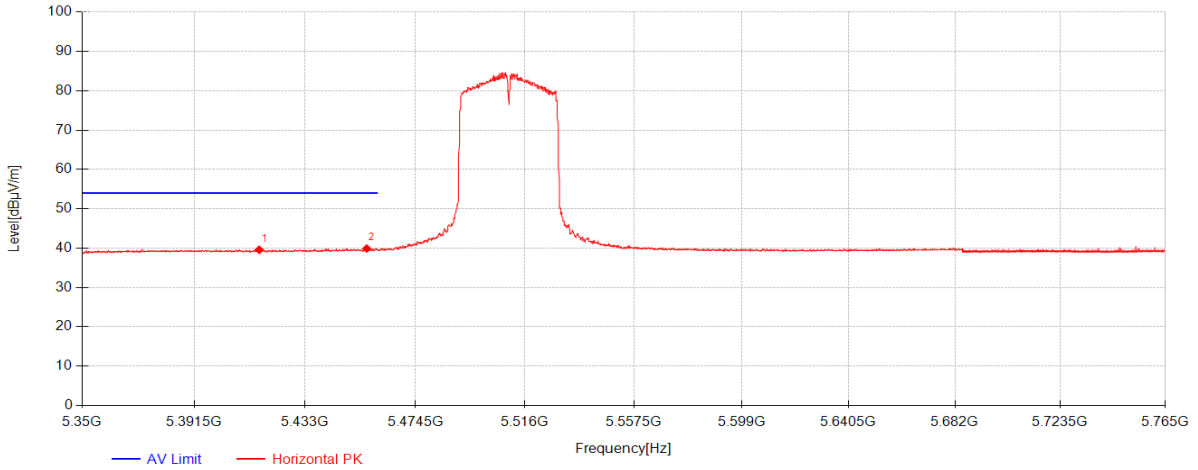
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Pre-amplifier gain. The basic equation with a sample calculation is as follows:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Pre-amplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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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**Test on the worst case(SKU4):**  
**802.11n40\_Channel 102**



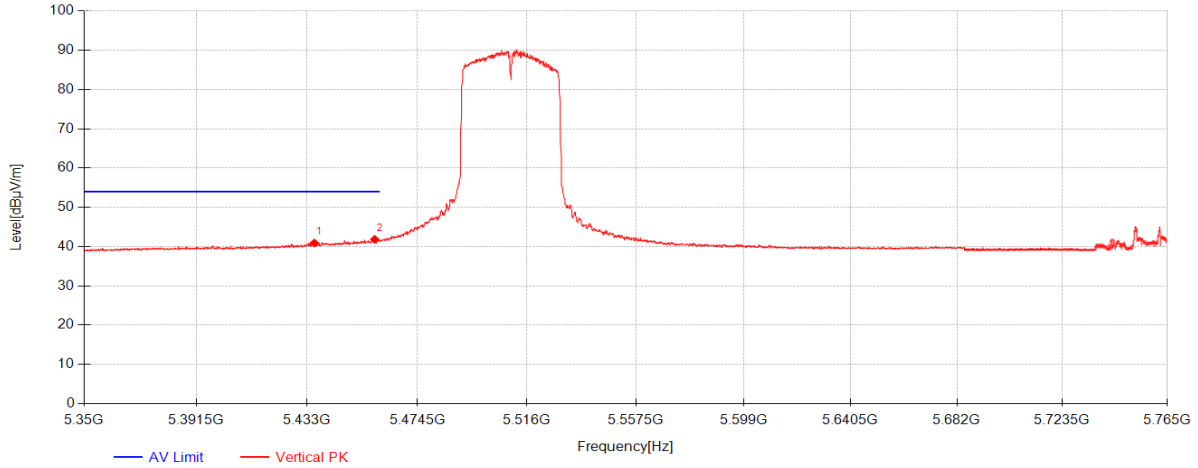
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5415.7717	26.22	32.40	-19.05	39.57	54.00	14.43	Horizontal
2	5456.0833	26.52	32.49	-19.11	39.90	54.00	14.10	Horizontal



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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	5435.6483	27.55	32.45	-19.08	40.92	54.00	13.08	Vertical
2	5458.3167	28.45	32.50	-19.11	41.84	54.00	12.16	Vertical

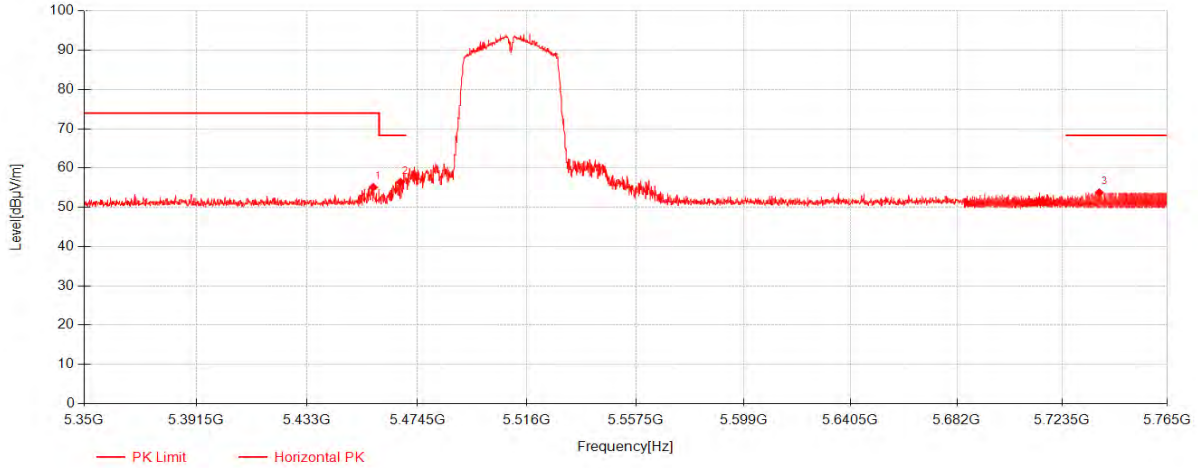


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802.11n40\_Channel 102



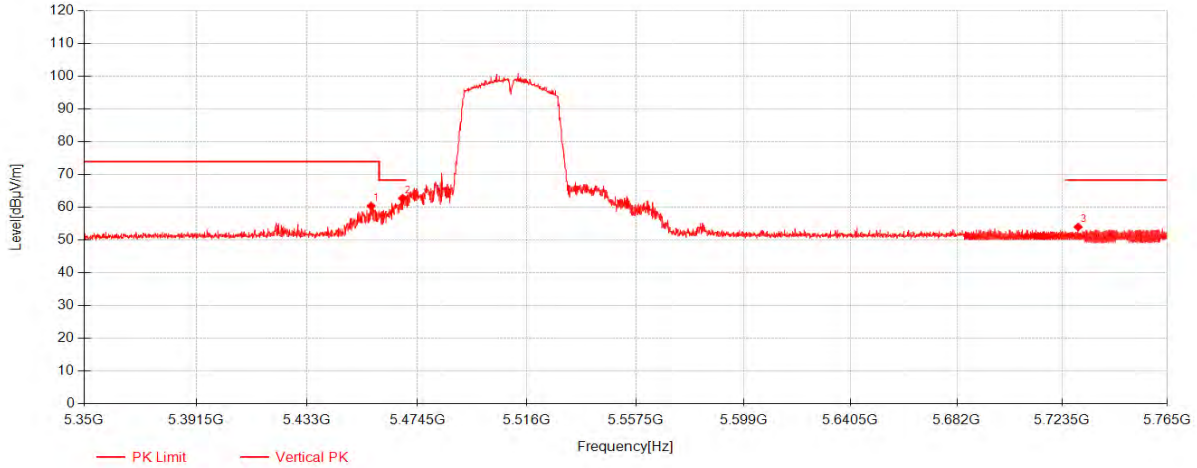
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5457.7583	41.70	32.50	-19.11	55.09	74.00	18.91	Horizontal
2	5468.0317	43.03	32.52	-19.13	56.42	68.30	11.88	Horizontal
3	5738.1	39.94	32.65	-18.84	53.74	68.30	14.56	Horizontal



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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	5456.9767	47.03	32.50	-19.11	60.42	74.00	13.58	Vertical
2	5468.8133	49.38	32.53	-19.13	62.78	68.30	5.52	Vertical
3	5729.76	40.15	32.65	-18.82	53.98	68.30	14.32	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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.

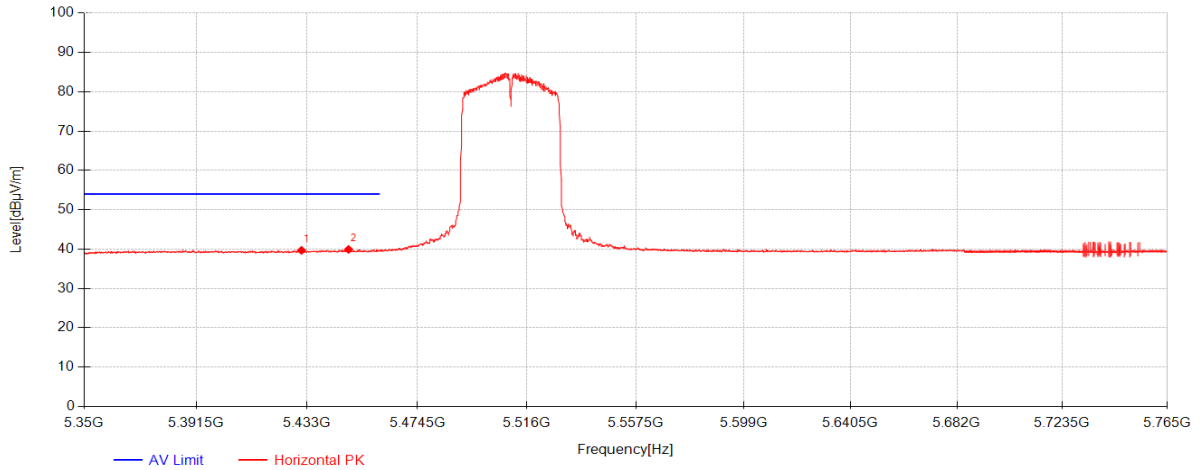


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**Test on the worst case(SKU6):**

**802.11n40\_Channel 102**



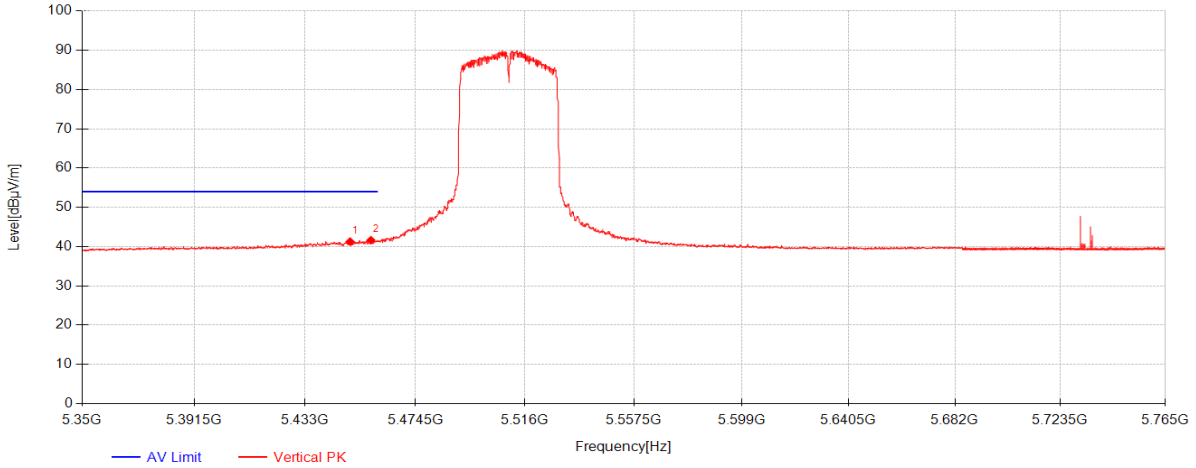
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5430.8467	26.32	32.43	-19.07	39.68	54.00	14.32	Horizontal
2	5448.49	26.54	32.48	-19.10	39.92	54.00	14.08	Horizontal



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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	5449.83	27.91	32.48	-19.10	41.29	54.00	12.71	Vertical
2	5457.6467	28.23	32.50	-19.11	41.62	54.00	12.38	Vertical



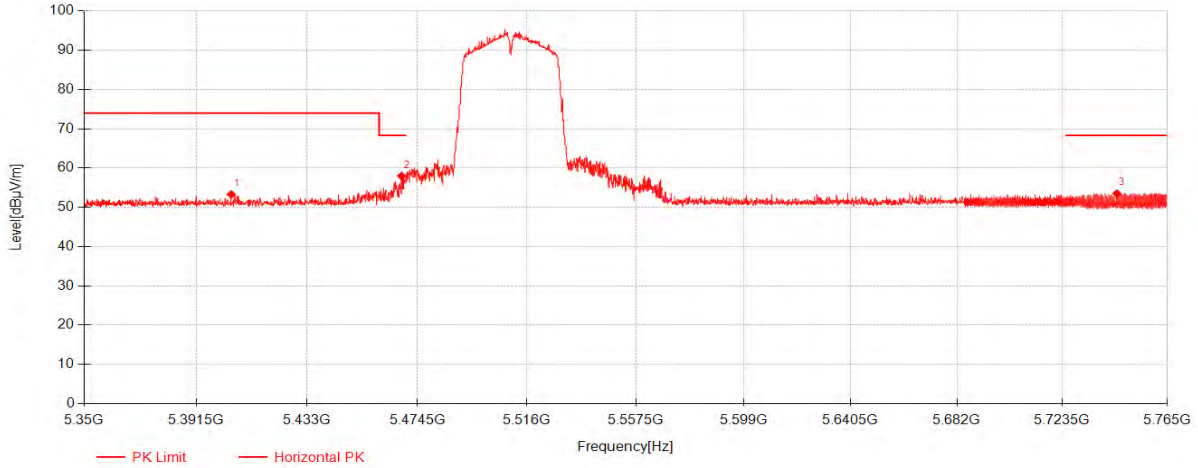
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802.11n40\_Channel 102



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5404.605	39.95	32.37	-19.03	53.29	74.00	20.71	Horizontal
2	5468.4783	44.60	32.52	-19.13	57.99	68.30	10.31	Horizontal
3	5745.09	39.74	32.65	-18.87	53.52	68.30	14.78	Horizontal

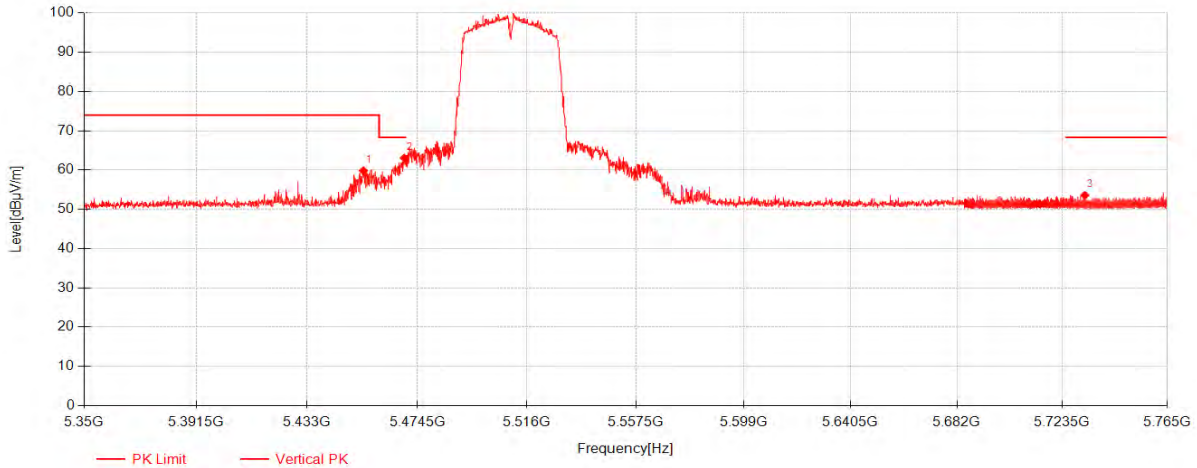


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802.11n40\_Channel 102



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	5454.0733	46.45	32.49	-19.11	59.83	74.00	14.17	Vertical
2	5469.4833	49.68	32.53	-19.13	63.08	68.30	5.22	Vertical
3	5732.4	39.77	32.65	-18.83	53.59	68.30	14.71	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:  
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$   
 $AF = Antenna\ Factor(dB/m)$   
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$   
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- Both peak and average measured complies with the limit line, so test result is "PASS"
- 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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