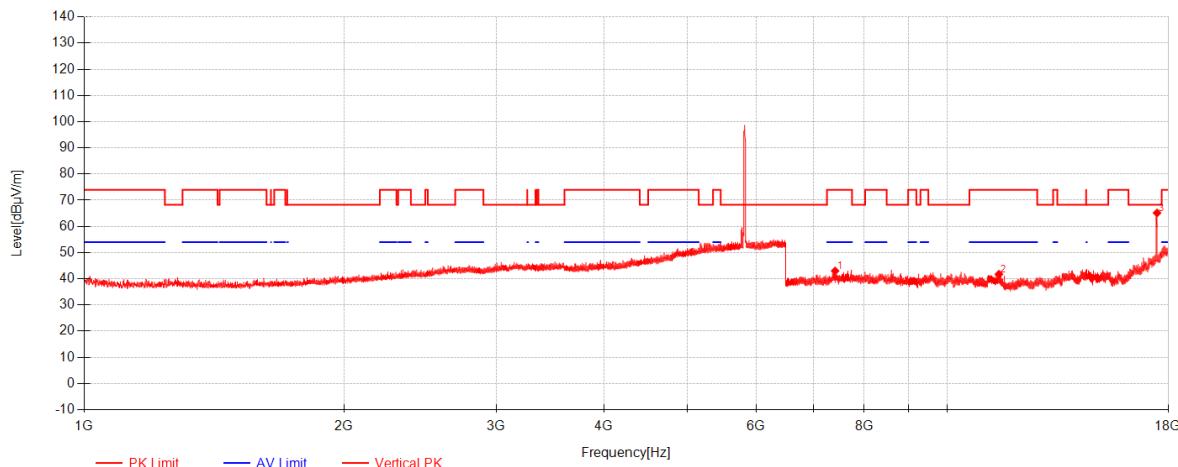


Report No.: SEWM2309000392RG03
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802.11a_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7408.5	49.48	36.34	-42.82	43.00	74.00	31.00	152	218	Vertical
2	11466.0833	39.85	38.75	-36.85	41.75	74.00	32.25	158	296	Vertical
3	17479.1458	54.73	44.46	-34.03	65.15	68.30	3.15	175	3	Vertical



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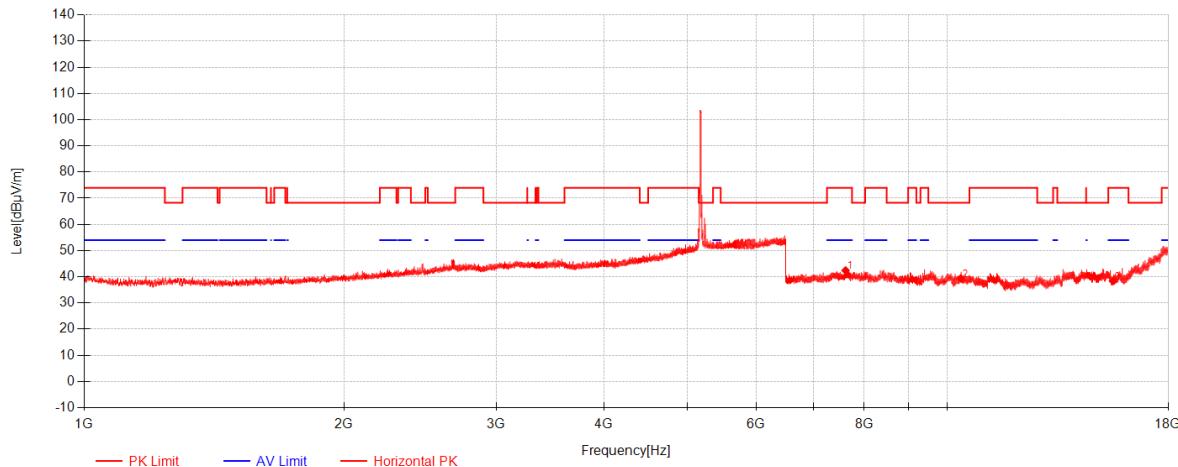
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802.11ac20_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7617.8958	48.53	36.65	-42.78	42.40	74.00	31.60	174	114	Horizontal
2	10360.0000	39.82	38.38	-38.82	39.38	68.30	28.92	153	333	Horizontal
3	15540.0000	33.02	40.17	-34.81	38.37	74.00	35.63	261	258	Horizontal



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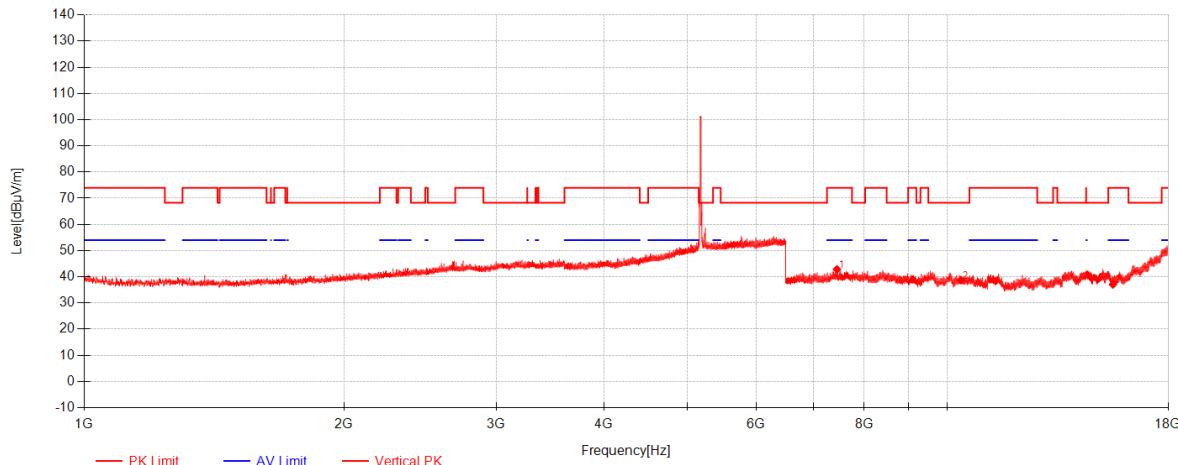
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802.11ac20_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7444.4375	49.34	36.44	-42.96	42.83	74.00	31.17	177	342	Vertical
2	10360.0000	39.14	38.38	-38.82	38.70	68.30	29.60	156	70	Vertical
3	15540.0000	31.71	40.17	-34.81	37.06	74.00	36.94	199	360	Vertical



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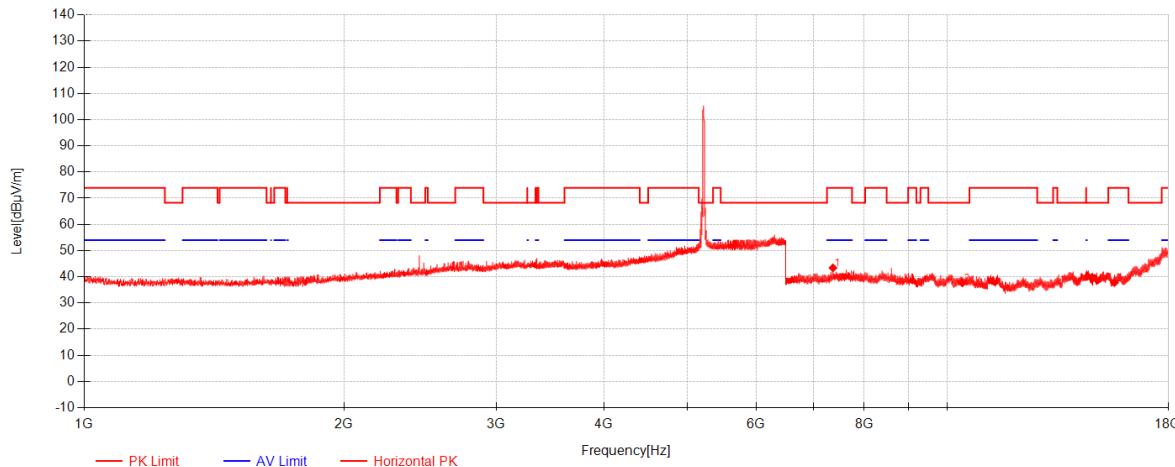
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802.11ac20_Channel 44



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7365.8542	50.15	36.22	-42.97	43.40	74.00	30.60	284	171	Horizontal
2	10400.0000	37.98	38.40	-38.72	37.66	68.30	30.64	189	293	Horizontal
3	15600.0000	32.12	40.04	-34.37	37.79	74.00	36.21	165	170	Horizontal



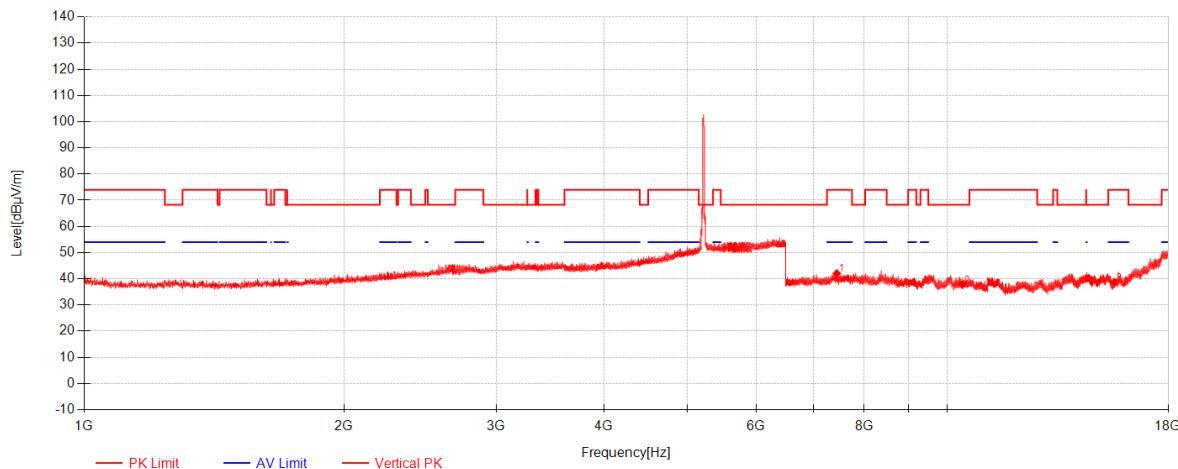
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802.11ac20_Channel 44

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7441.5625	48.51	36.44	-42.95	42.00	74.00	32.00	155	25	Vertical
2	10400.0000	38.03	38.40	-38.72	37.71	68.30	30.59	222	360	Vertical
3	15600.0000	32.98	40.04	-34.37	38.65	74.00	35.35	130	127	Vertical

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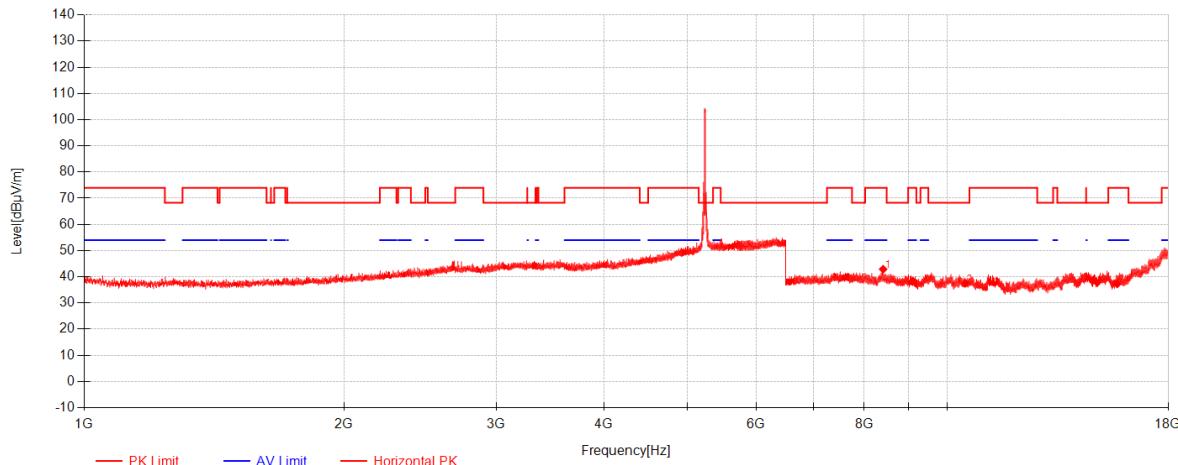
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8420.0208	47.76	36.59	-41.46	42.89	74.00	31.11	154	360	Horizontal
2	10480.0000	37.79	38.44	-38.75	37.48	68.30	30.82	126	316	Horizontal
3	15720.0000	30.68	39.79	-33.22	37.25	74.00	36.75	188	292	Horizontal

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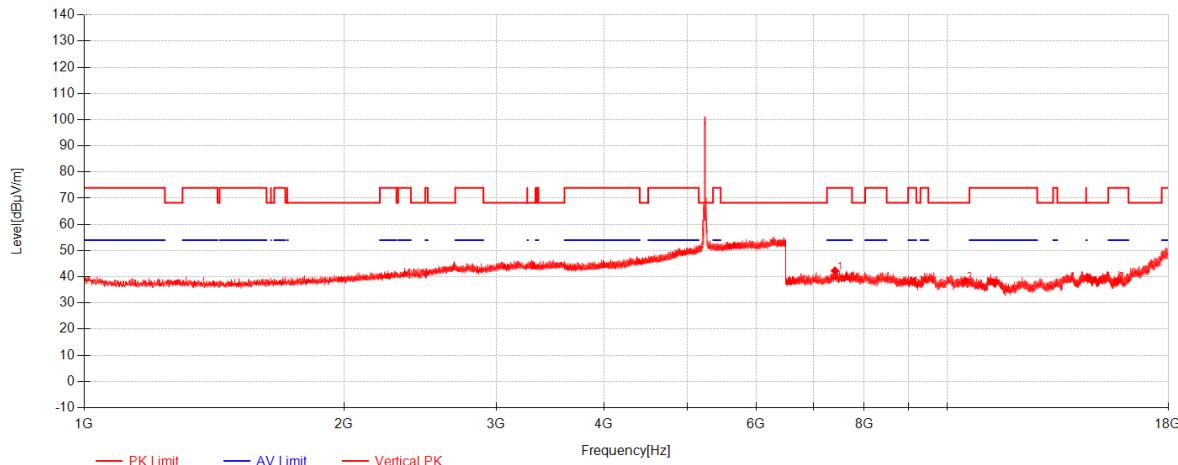
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802.11ac20_Channel 48



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7405.1458	48.77	36.33	-42.81	42.29	74.00	31.71	184	72	Vertical
2	10480.0000	38.70	38.44	-38.75	38.39	68.30	29.91	178	360	Vertical
3	15720.0000	31.68	39.79	-33.22	38.25	74.00	35.75	189	240	Vertical



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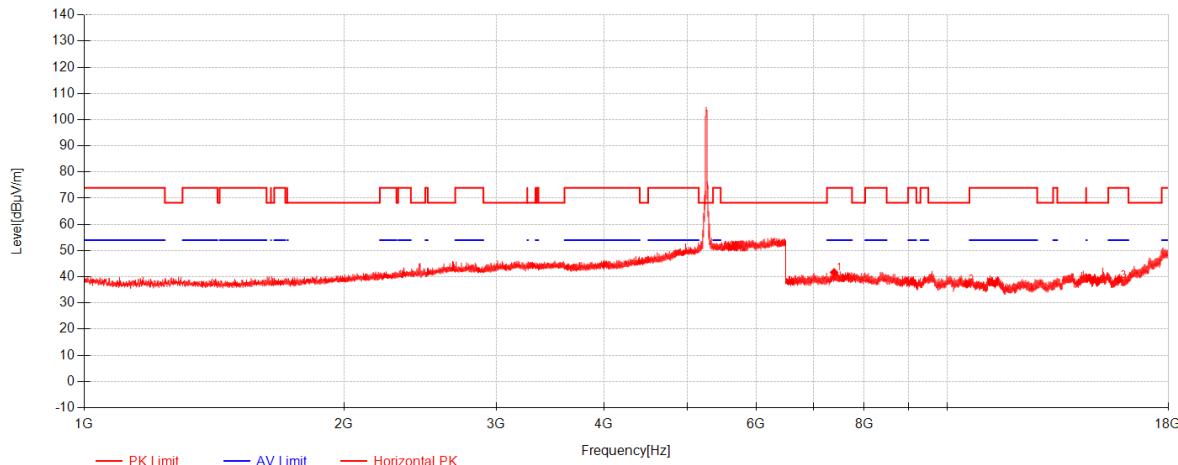
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802.11ac20_Channel 52



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7388.375	48.24	36.29	-42.85	41.67	74.00	32.33	231	3	Horizontal
2	10520.0000	37.34	38.46	-38.61	37.19	68.30	31.11	148	339	Horizontal
3	15780.0000	32.29	39.66	-33.10	38.85	74.00	35.15	179	145	Horizontal



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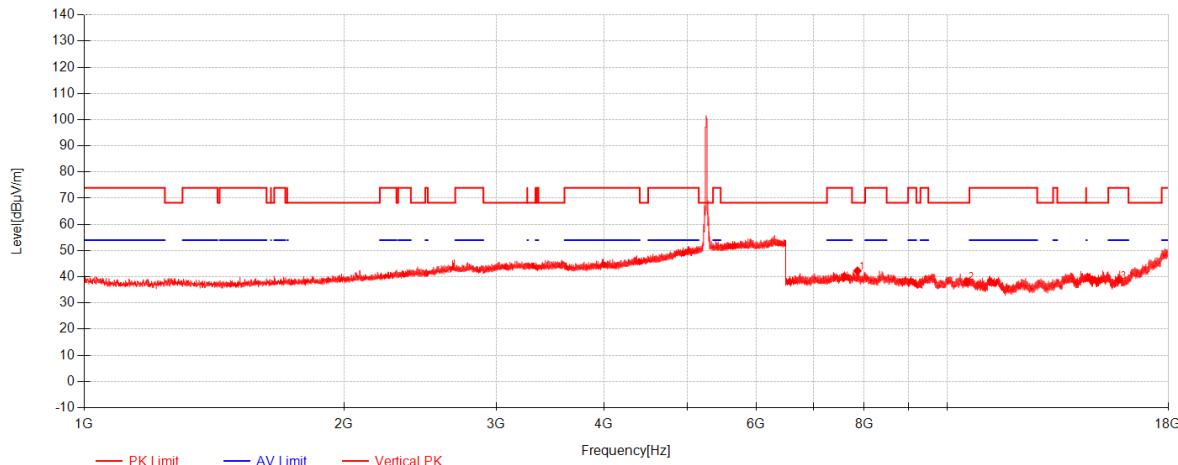
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802.11ac20_Channel 52



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7861.7917	48.19	36.74	-42.68	42.26	68.30	26.04	155	269	Vertical
2	10520.0000	38.30	38.46	-38.61	38.15	68.30	30.15	143	146	Vertical
3	15780.0000	32.20	39.66	-33.10	38.76	74.00	35.24	169	340	Vertical



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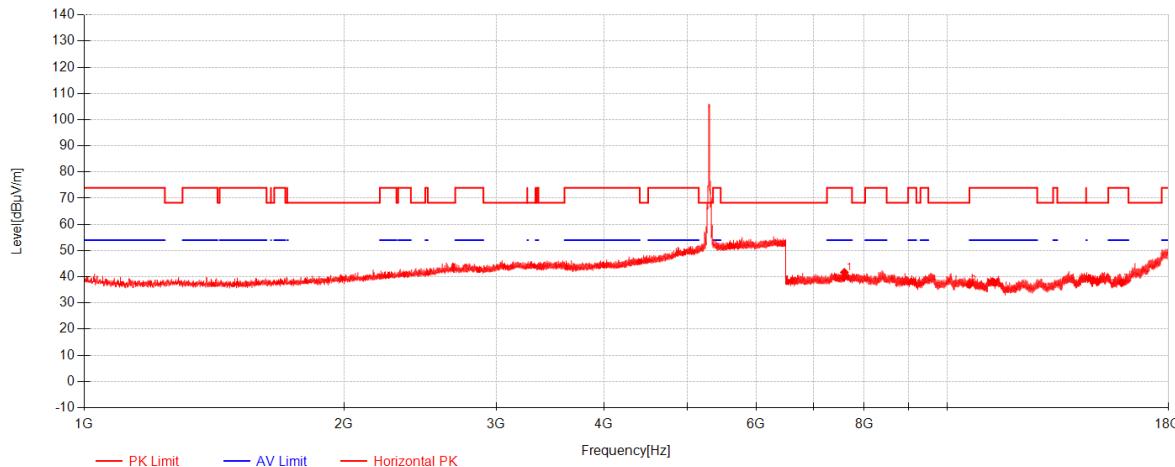
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802.11ac20_Channel 60



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7593.4583	47.83	36.64	-42.77	41.70	74.00	32.30	244	360	Horizontal
2	10600.0000	36.49	38.50	-38.01	36.98	74.00	37.02	189	314	Horizontal
3	15900.0000	32.41	39.41	-34.13	37.69	74.00	36.31	198	120	Horizontal



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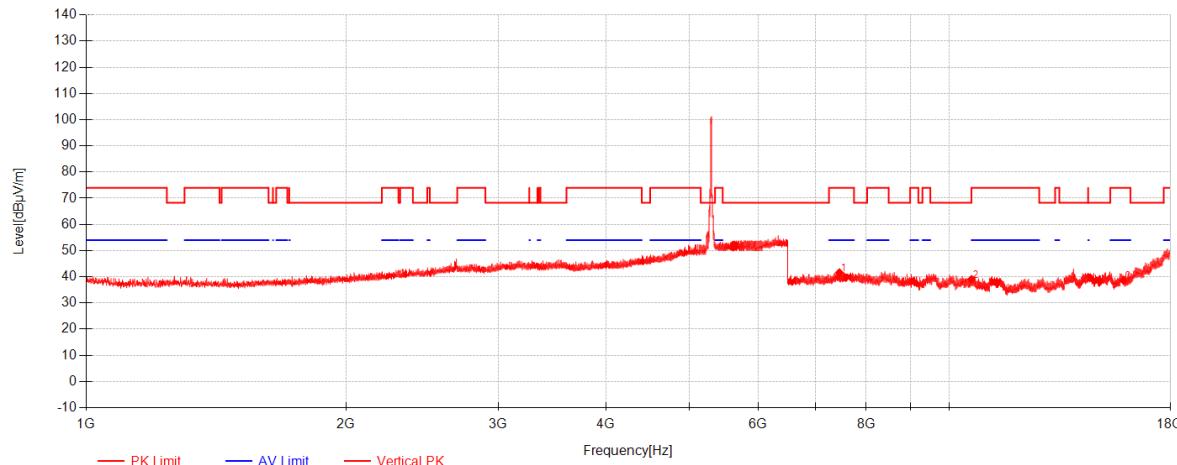
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7453.0625	48.12	36.47	-42.99	41.60	74.00	32.40	222	360	Vertical
2	10600.0000	38.54	38.50	-38.01	39.03	74.00	34.97	185	360	Vertical
3	15900.0000	33.35	39.41	-34.13	38.63	74.00	35.37	147	220	Vertical



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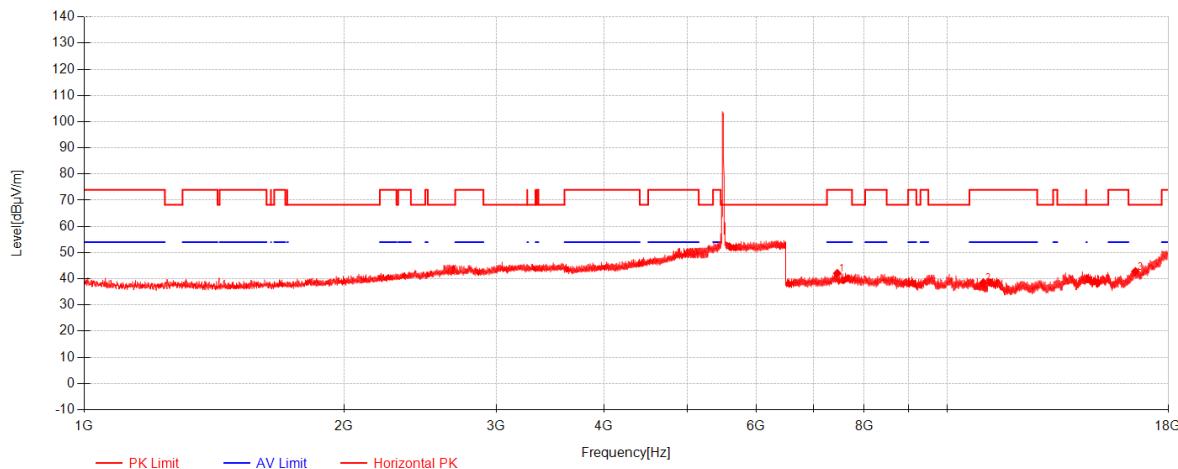
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802.11ac20_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7451.1458	48.60	36.46	-42.98	42.08	74.00	31.92	152	354	Horizontal
2	11000.0000	37.43	38.70	-37.59	38.54	74.00	35.46	148	292	Horizontal
3	16500.0000	36.35	40.75	-34.28	42.82	68.30	25.48	178	354	Horizontal



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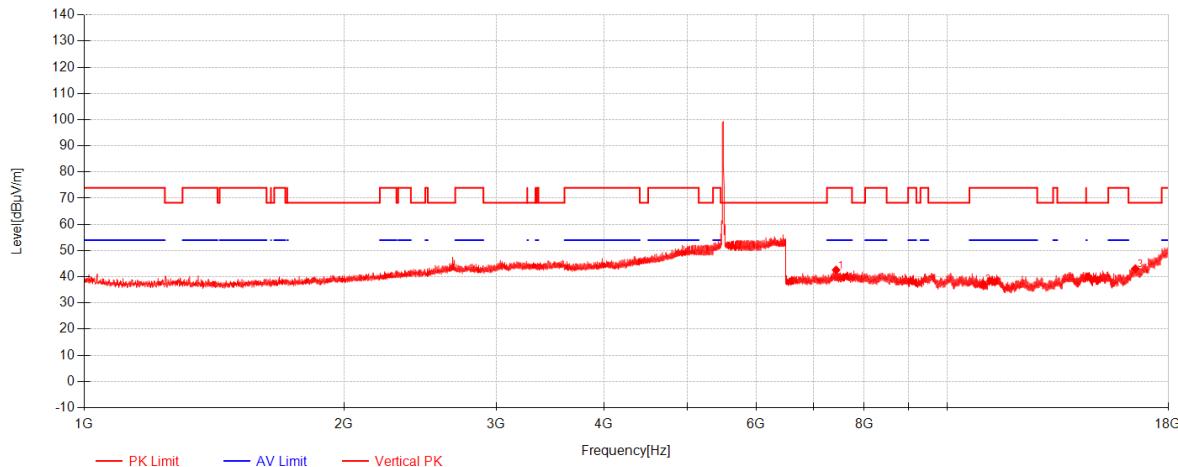
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802.11ac20_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7428.1458	49.11	36.40	-42.90	42.61	74.00	31.39	210	196	Vertical
2	11000.0000	36.16	38.70	-37.59	37.27	74.00	36.73	152	4	Vertical
3	16500.0000	36.65	40.75	-34.28	43.12	68.30	25.18	163	317	Vertical



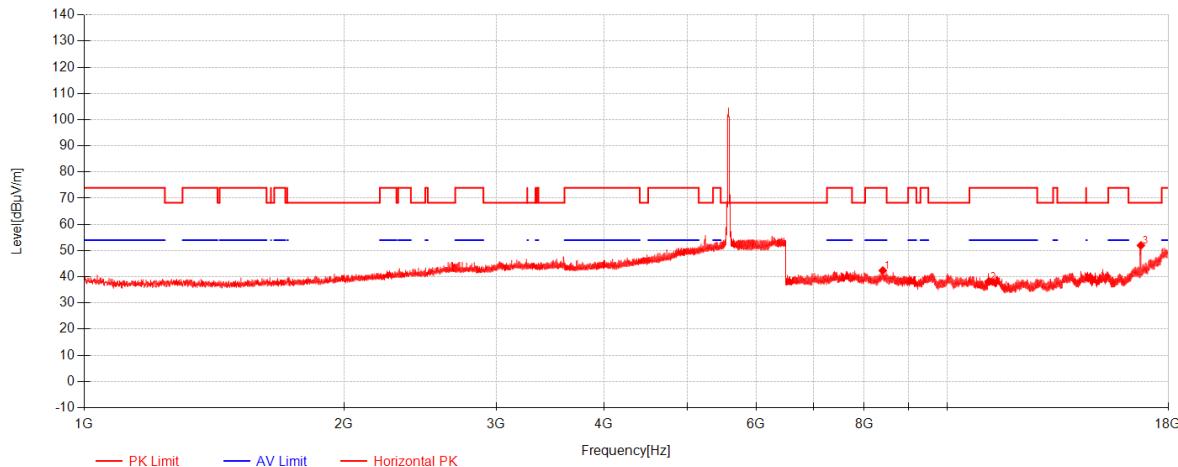
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802.11ac20_Channel 116

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8412.3542	47.19	36.59	-41.42	42.36	74.00	31.64	178	359	Horizontal
2	11160.0000	36.50	38.72	-37.06	38.16	74.00	35.84	185	72	Horizontal
3	16744.1042	45.23	41.51	-34.76	51.98	68.30	16.32	142	122	Horizontal

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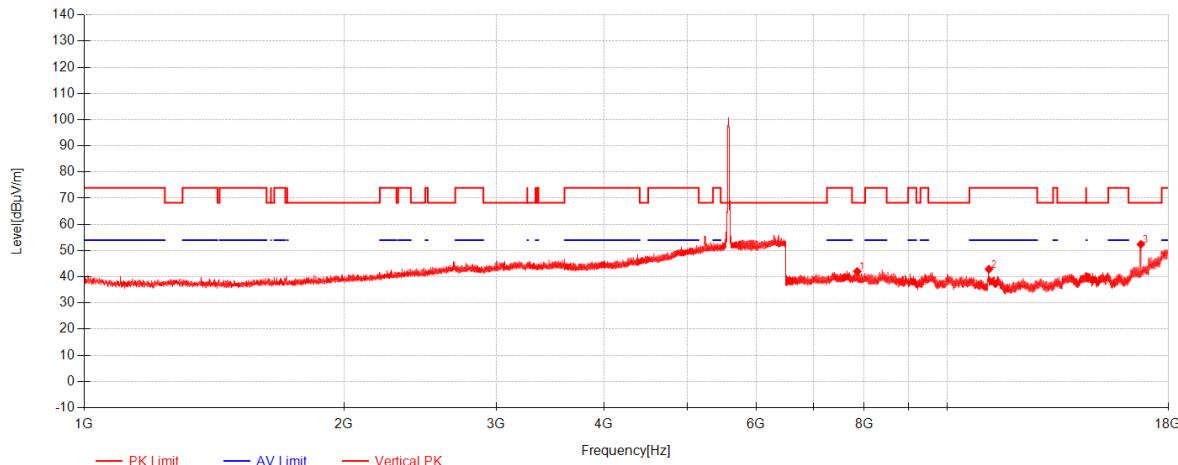
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802.11ac20_Channel 116



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7858.4375	47.97	36.74	-42.67	42.04	68.30	26.26	211	49	Vertical
2	11164.6875	41.19	38.72	-37.01	42.90	74.00	31.10	152	49	Vertical
3	16742.1875	45.66	41.50	-34.76	52.40	68.30	15.90	103	317	Vertical



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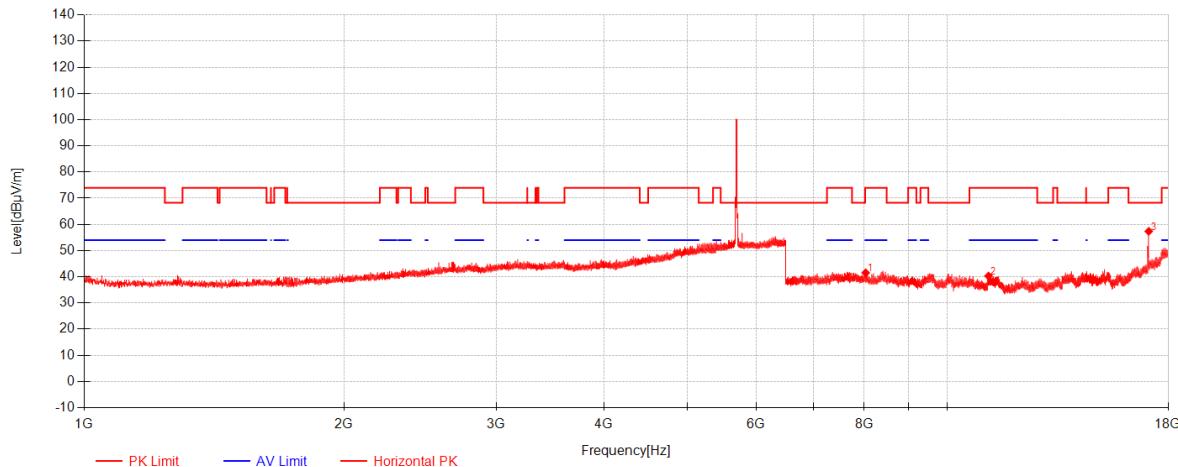
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802.11ac20_Channel 140



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8037.1667	46.58	36.78	-41.84	41.53	74.00	32.47	244	169	Horizontal
2	11151.2708	38.75	38.72	-37.16	40.30	74.00	33.70	125	314	Horizontal
3	17098.2083	48.37	42.74	-33.74	57.37	68.30	10.93	189	120	Horizontal



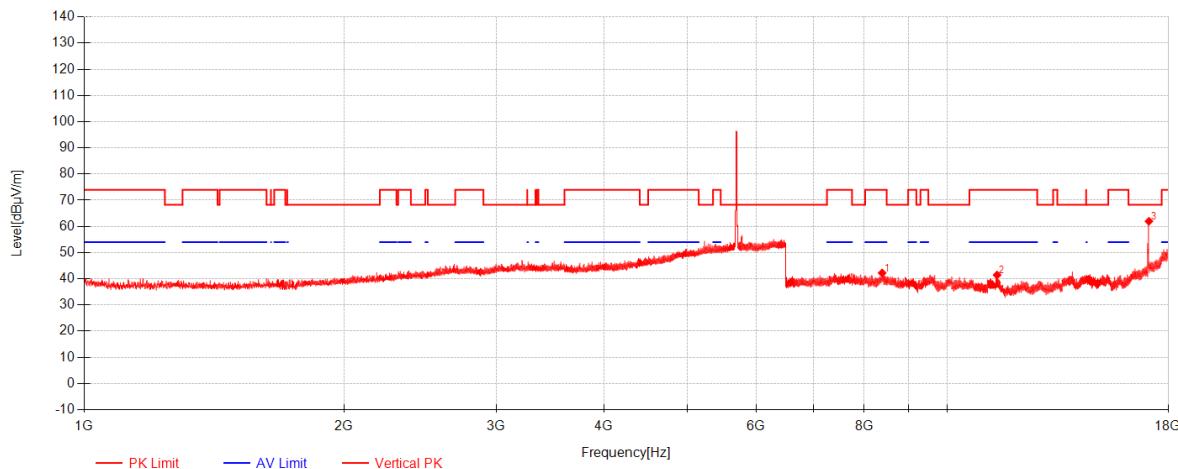
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Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8397.0208	47.01	36.60	-41.38	42.23	74.00	31.77	244	245	Vertical
2	11410.0208	40.11	38.74	-37.41	41.44	74.00	32.56	152	48	Vertical
3	17105.3958	52.98	42.77	-33.80	61.96	68.30	6.34	196	171	Vertical



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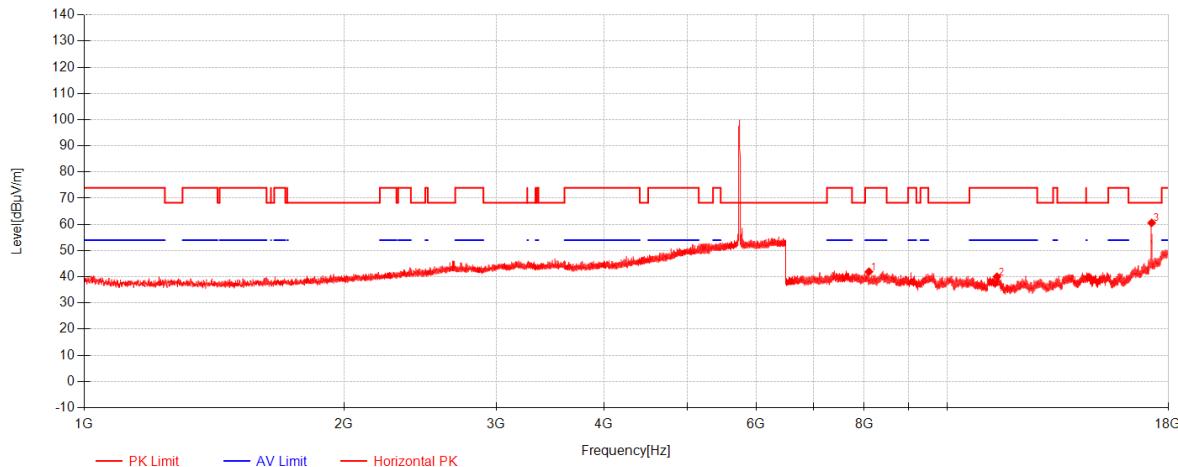
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802.11ac20_Channel 149



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8109.5208	46.61	36.75	-41.42	41.94	74.00	32.06	154	354	Horizontal
2	11406.6667	38.71	38.74	-37.44	40.01	74.00	33.99	126	44	Horizontal
3	17229.9792	52.18	43.33	-34.93	60.59	68.30	7.71	259	241	Horizontal



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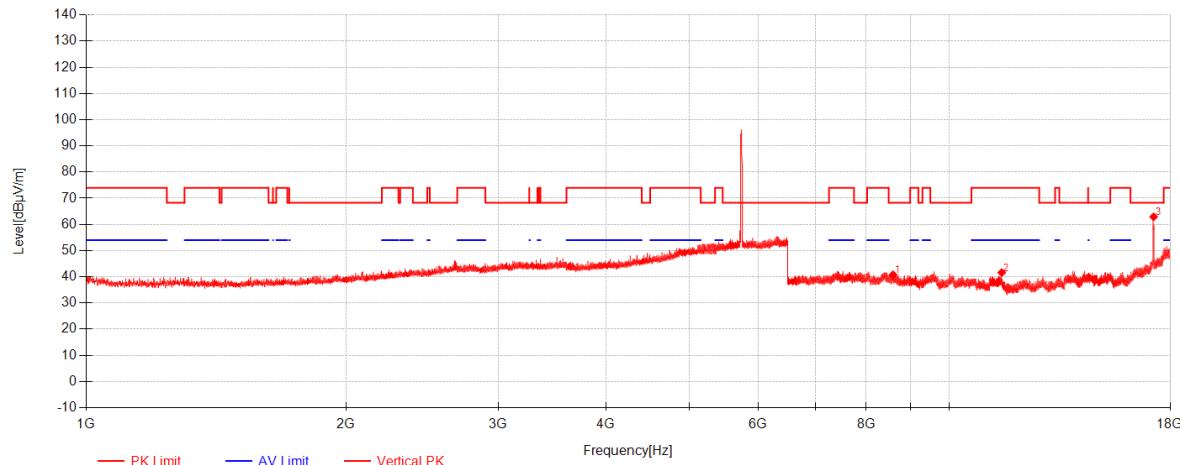
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802.11ac20_Channel 149



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8600.1875	45.17	36.50	-40.89	40.78	68.30	27.52	321	318	Vertical
2	11489.5625	39.48	38.75	-36.61	41.61	74.00	32.39	120	47	Vertical
3	17230.4583	54.50	43.34	-34.93	62.90	68.30	5.40	187	170	Vertical



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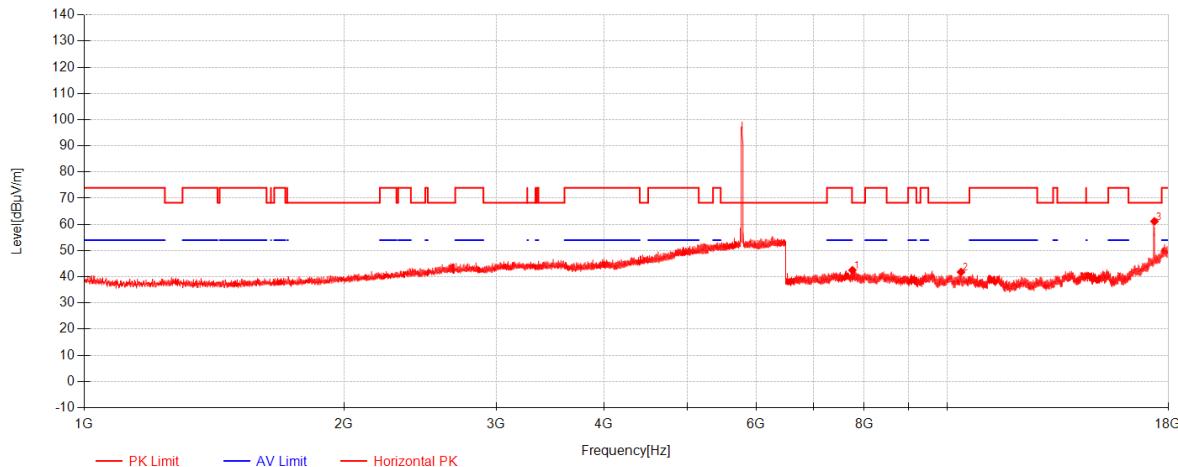
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802.11ac20_Channel 157



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7757.8125	48.53	36.70	-42.74	42.50	68.30	25.80	122	359	Horizontal
2	10364.4792	42.22	38.38	-38.81	41.79	68.30	26.51	159	359	Horizontal
3	17358.3958	52.24	43.91	-34.98	61.17	68.30	7.13	184	268	Horizontal



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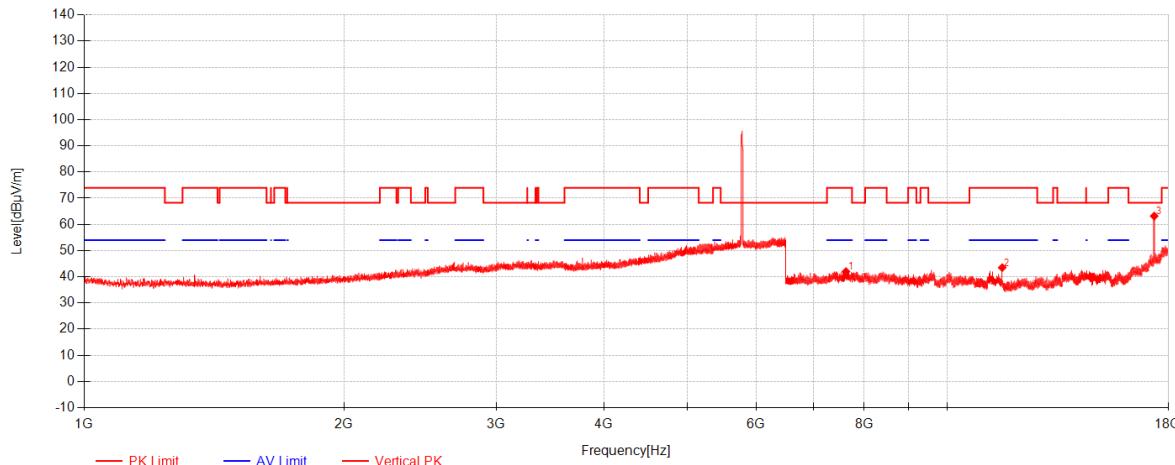
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802.11ac20_Channel 157



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7624.6042	48.13	36.65	-42.79	41.99	74.00	32.01	244	120	Vertical
2	11567.1875	41.57	38.76	-36.83	43.50	74.00	30.50	186	46	Vertical
3	17348.8125	54.35	43.87	-35.03	63.19	68.30	5.11	144	170	Vertical



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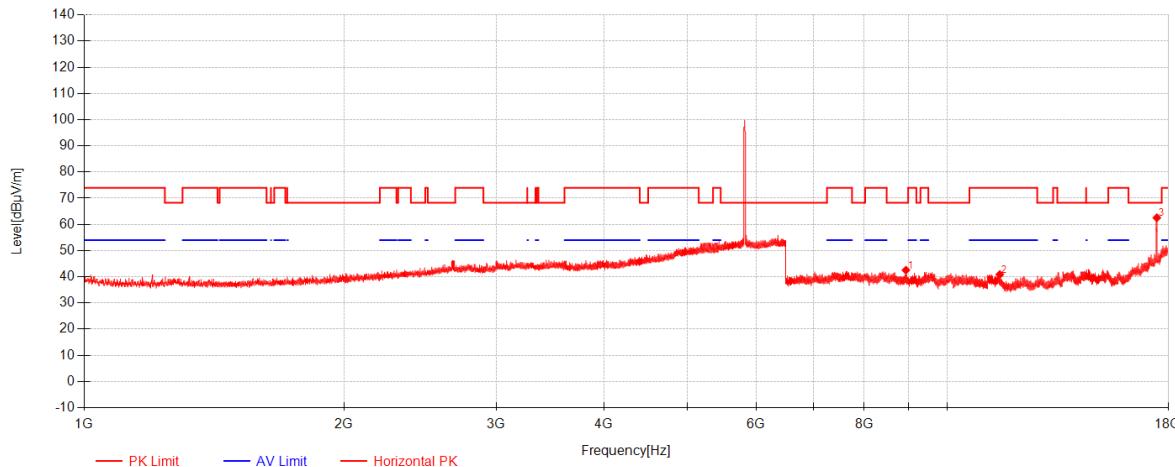
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 Rev.: 01
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802.11ac20_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8947.1042	47.10	36.33	-40.89	42.54	68.30	25.76	285	122	Horizontal
2	11491.9583	38.71	38.75	-36.59	40.87	74.00	33.13	147	48	Horizontal
3	17471.4792	52.23	44.42	-34.11	62.55	68.30	5.75	196	122	Horizontal



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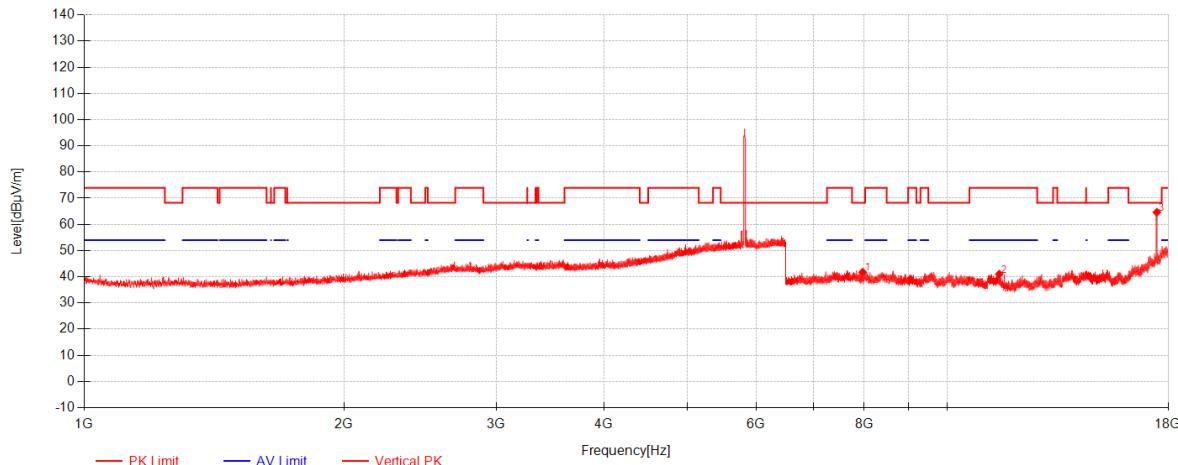
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802.11ac20_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7973.4375	47.25	36.79	-42.29	41.75	68.30	26.55	163	3	Vertical
2	11477.5833	39.01	38.75	-36.73	41.02	74.00	32.98	258	192	Vertical
3	17471.4792	54.34	44.42	-34.11	64.66	68.30	3.64	147	340	Vertical

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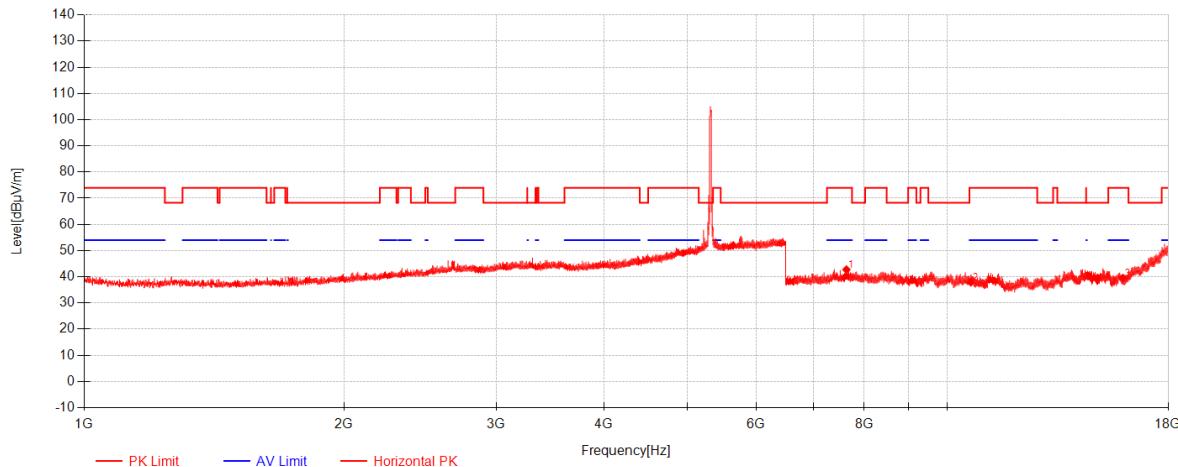
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802.11ac20_Channel 64



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7635.1458	48.90	36.65	-42.81	42.74	74.00	31.26	244	359	Horizontal
2	10640.0000	37.19	38.52	-37.80	37.91	74.00	36.09	186	3	Horizontal
3	15960.0000	34.88	39.28	-34.63	39.53	74.00	34.47	253	120	Horizontal



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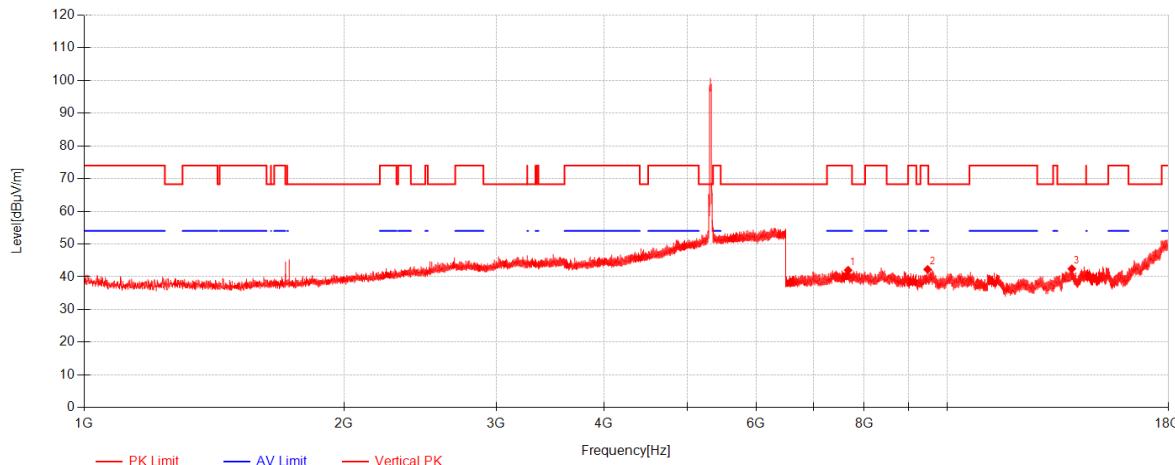
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7670.6042	48.23	36.67	-42.89	42.01	74.00	31.99	254	47	Vertical
2	9481.375	45.00	37.21	-39.95	42.26	74.00	31.74	175	23	Vertical
3	13927.0833	37.03	40.77	-35.36	42.44	68.30	25.86	126	360	Vertical



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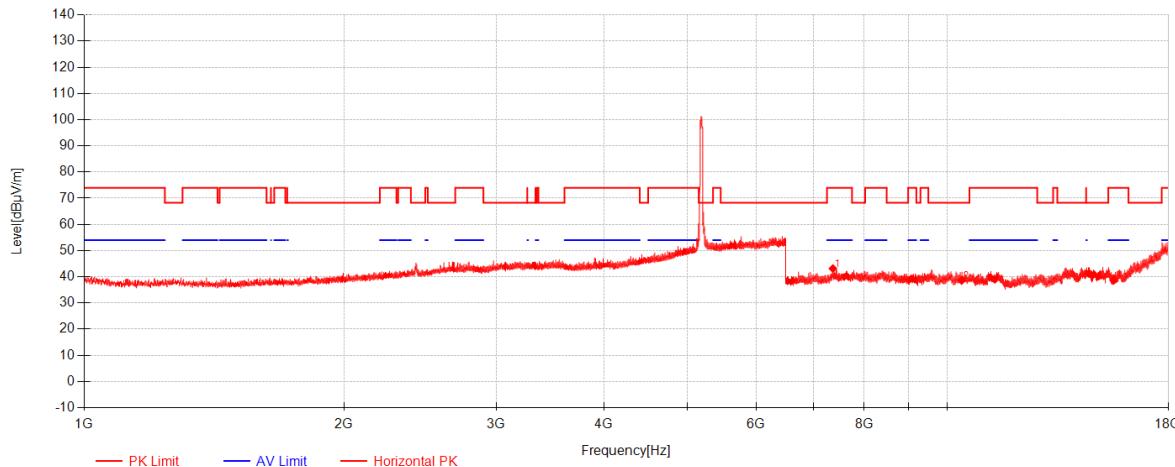
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802.11ac40_Channel 38



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7364.8958	49.90	36.22	-42.98	43.14	74.00	30.86	248	163	Horizontal
2	10380.0000	38.95	38.39	-38.77	38.57	68.30	29.73	155	262	Horizontal
3	15570.0000	33.12	40.10	-34.59	38.63	74.00	35.37	126	238	Horizontal



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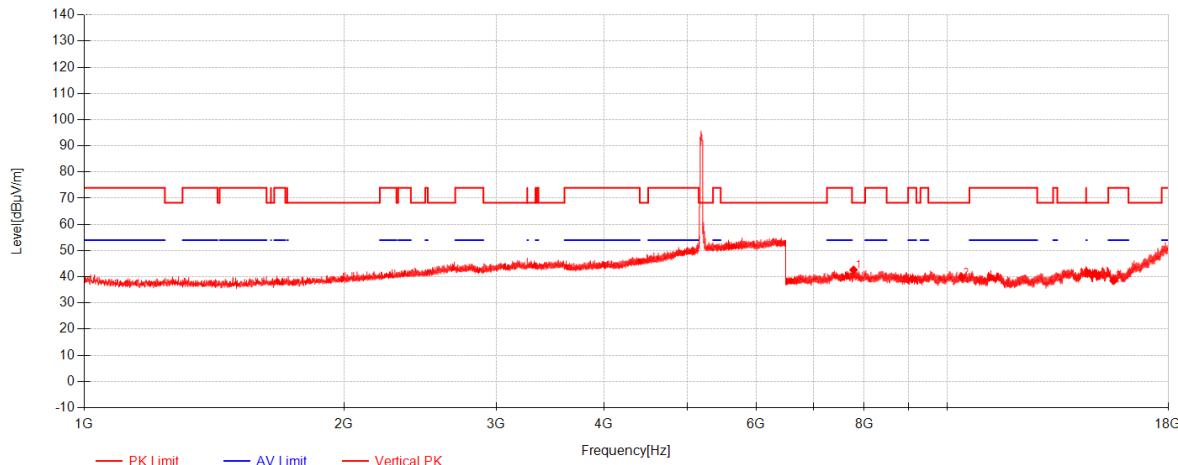
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802.11ac40_Channel 38



Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	7781.2917	48.58	36.71	-42.65	42.64	68.30	25.66	244	1	Vertical	
2	10380.0000	40.22	38.39	-38.77	39.84	68.30	28.46	174	313	Vertical	
3	15570.0000	32.98	40.10	-34.59	38.49	74.00	35.51	185	263	Vertical	



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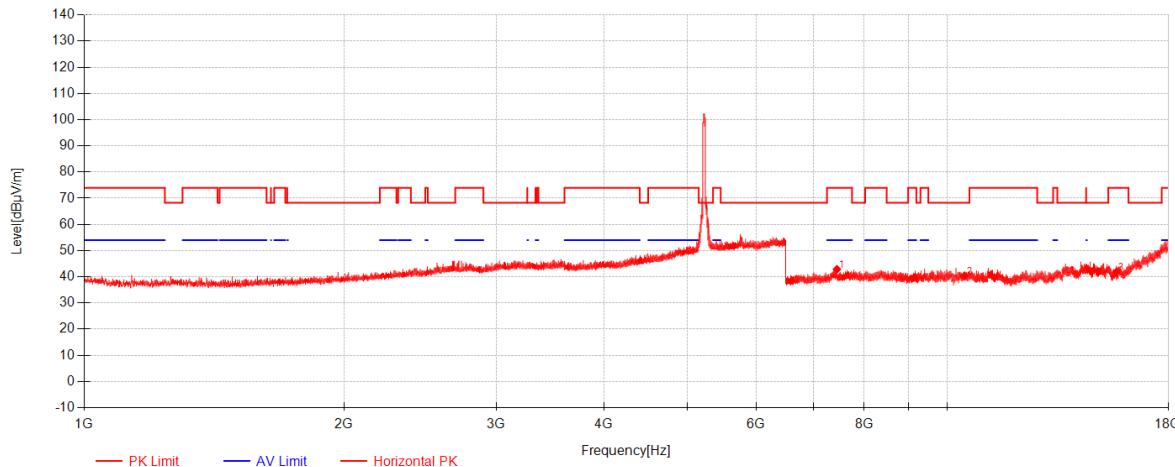
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802.11ac40_Channel 46



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7444.4375	49.38	36.44	-42.96	42.87	74.00	31.13	166	18	Horizontal
2	10460.0000	40.65	38.43	-38.74	40.34	68.30	27.96	142	213	Horizontal
3	15690.0000	35.42	39.85	-33.37	41.90	74.00	32.10	188	213	Horizontal



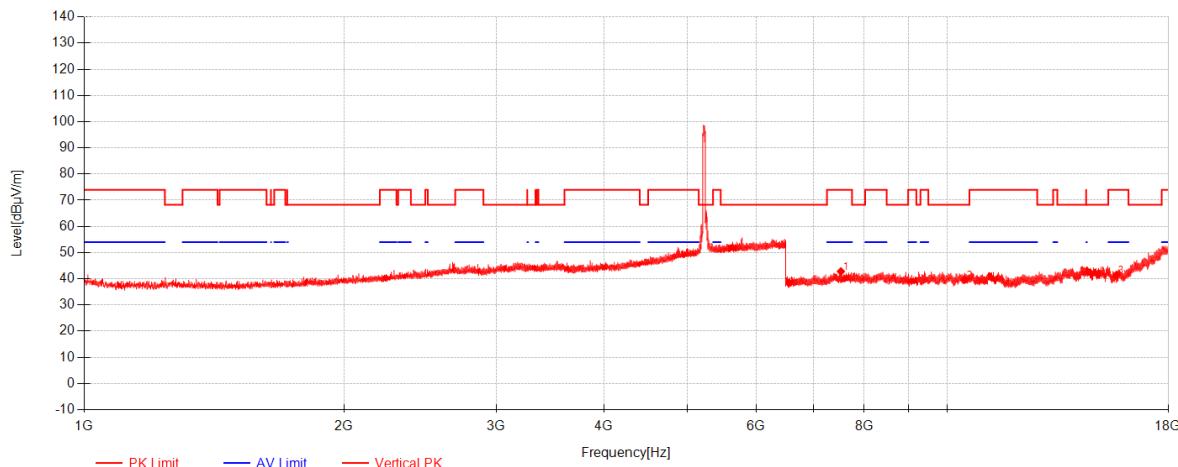
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Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7523.5	49.27	36.61	-43.07	42.81	74.00	31.19	222	19	Vertical
2	10460.0000	39.95	38.43	-38.74	39.64	68.30	28.66	152	189	Vertical
3	15690.0000	34.97	39.85	-33.37	41.45	74.00	32.55	142	0	Vertical

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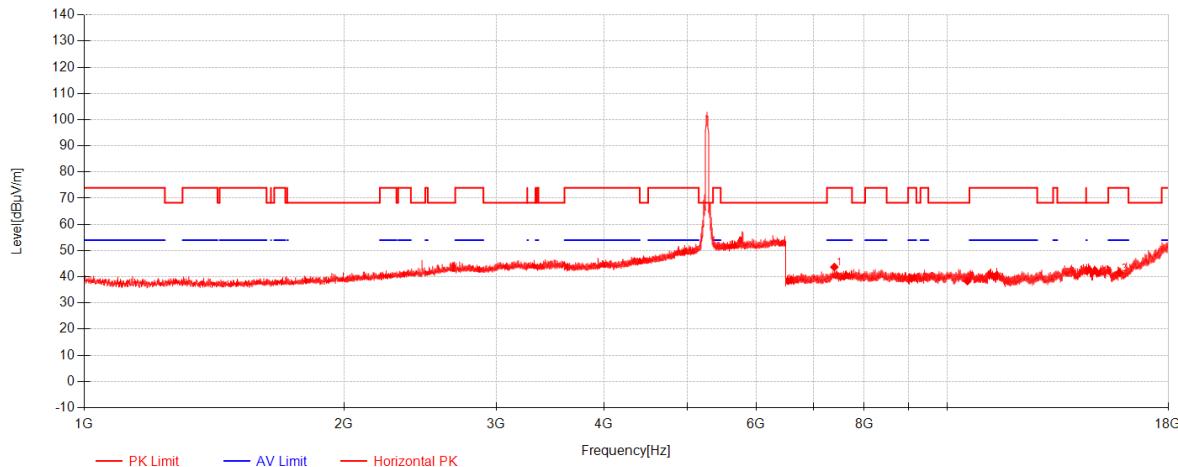
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802.11ac40_Channel 54



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7392.6875	50.23	36.30	-42.83	43.70	74.00	30.30	188	141	Horizontal
2	10540.0000	38.35	38.47	-38.46	38.36	68.30	29.94	174	263	Horizontal
3	15810.0000	35.12	39.60	-33.17	41.55	74.00	32.45	163	312	Horizontal



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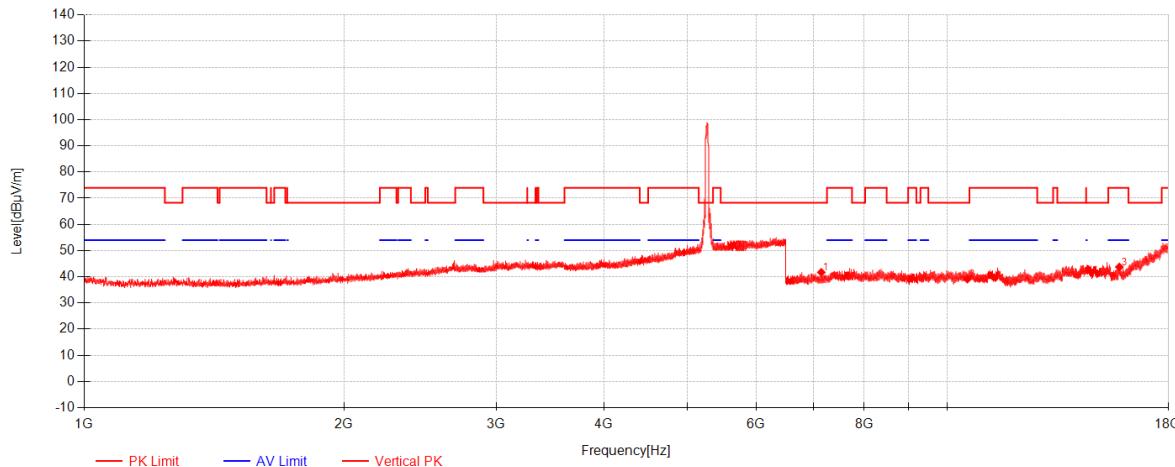
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802.11ac40_Channel 54



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7140.6458	49.75	35.59	-43.64	41.70	68.30	26.60	188	0	Vertical
2	10540.0000	39.09	38.47	-38.46	39.10	68.30	29.20	174	162	Vertical
3	15810.0000	37.30	39.60	-33.17	43.73	74.00	30.27	196	5	Vertical



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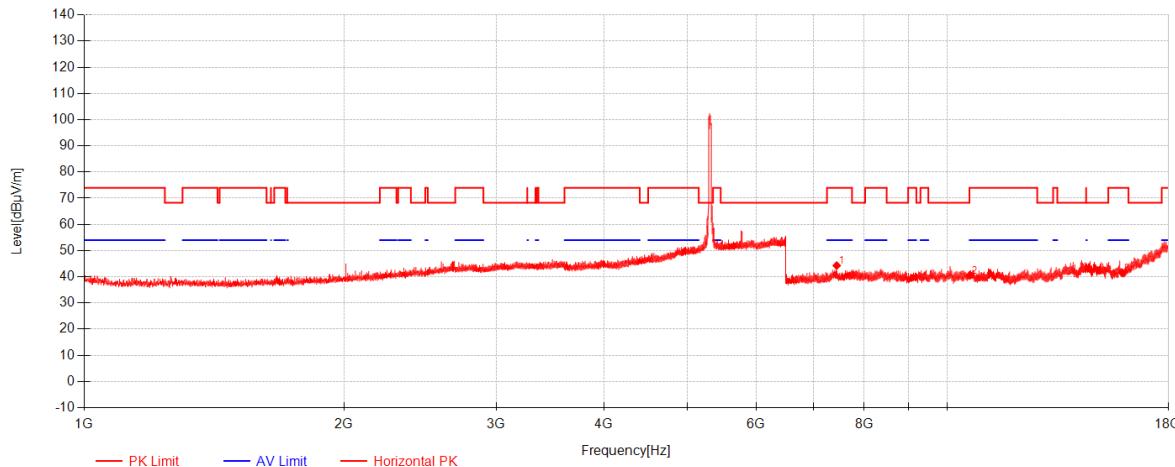
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802.11ac40_Channel 62



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7439.6458	50.80	36.43	-42.94	44.29	74.00	29.71	214	140	Horizontal
2	10620.0000	40.02	38.51	-37.90	40.63	74.00	33.37	163	188	Horizontal
3	15930.0000	36.55	39.35	-34.38	41.52	74.00	32.48	258	18	Horizontal



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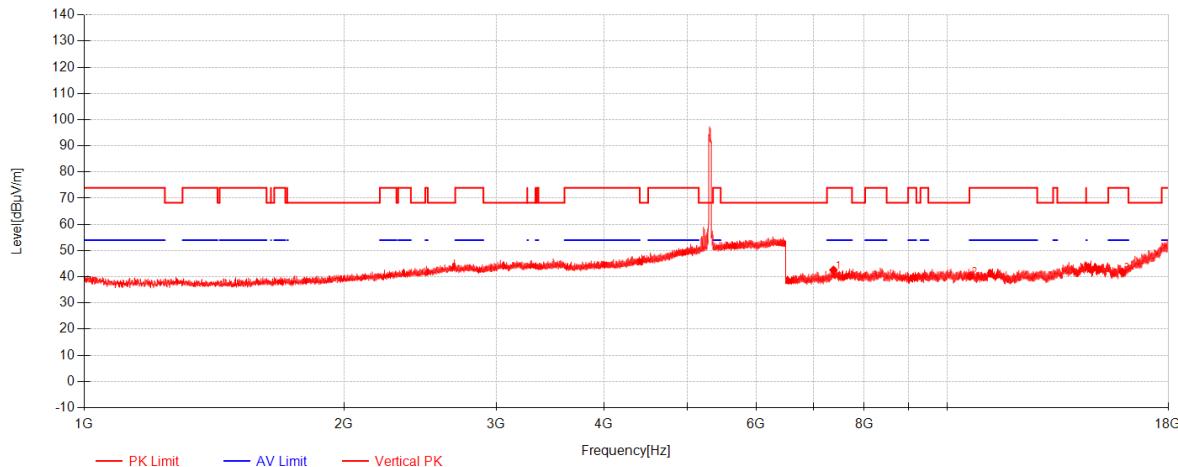
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802.11ac40_Channel 62



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7375.4375	49.29	36.25	-42.92	42.62	74.00	31.38	244	71	Vertical
2	10620.0000	39.48	38.51	-37.90	40.09	74.00	33.91	189	338	Vertical
3	15930.0000	36.92	39.35	-34.38	41.89	74.00	32.11	199	289	Vertical



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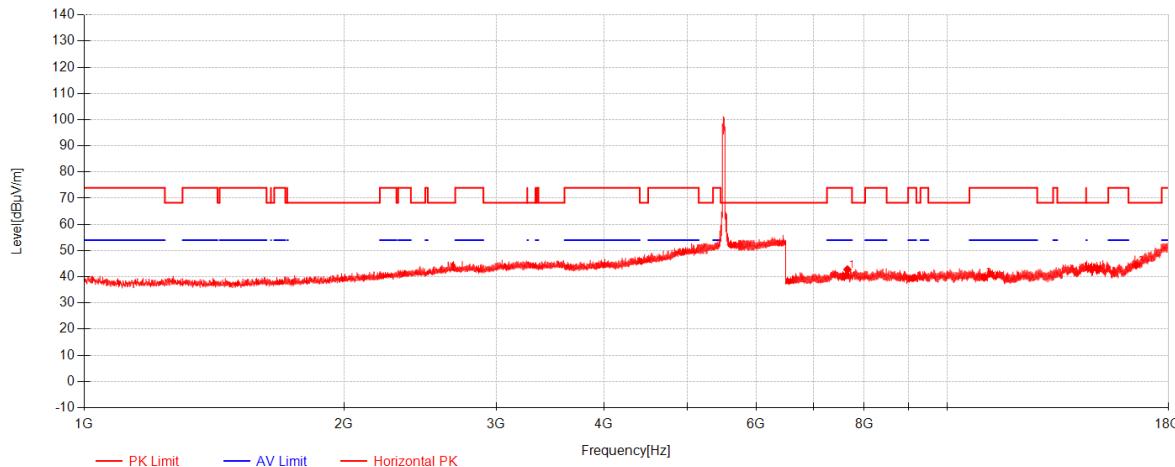
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802.11ac40_Channel 102



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7655.2708	48.95	36.66	-42.86	42.76	74.00	31.24	400	68	Horizontal
2	11020.0000	38.66	38.70	-37.62	39.74	74.00	34.26	142	6	Horizontal
3	16530.0000	37.92	40.84	-34.35	44.41	68.30	23.89	166	239	Horizontal

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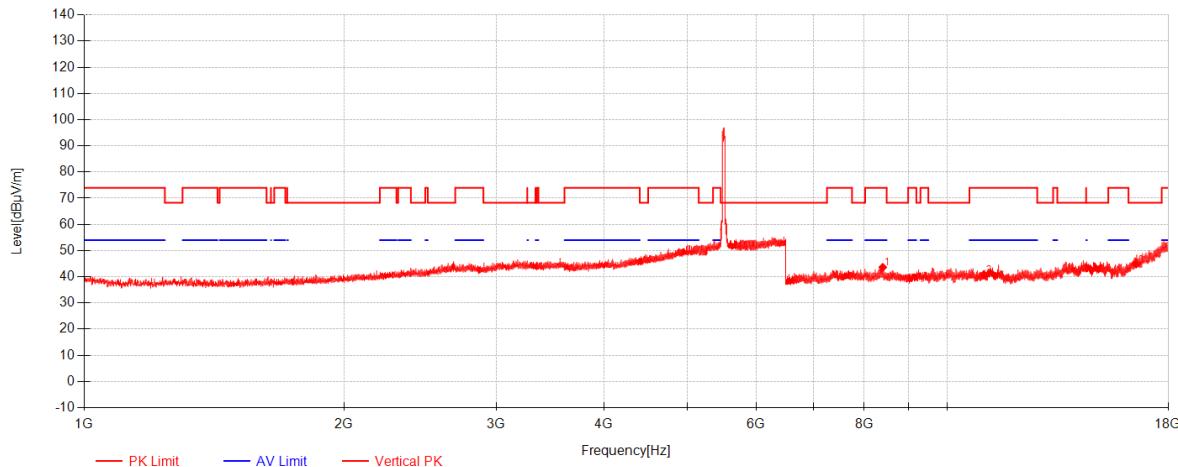
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802.11ac40_Channel 102



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8412.3542	48.46	36.59	-41.42	43.63	74.00	30.37	225	312	Vertical
2	11020.0000	39.64	38.70	-37.62	40.72	74.00	33.28	185	166	Vertical
3	16530.0000	38.33	40.84	-34.35	44.82	68.30	23.48	196	190	Vertical



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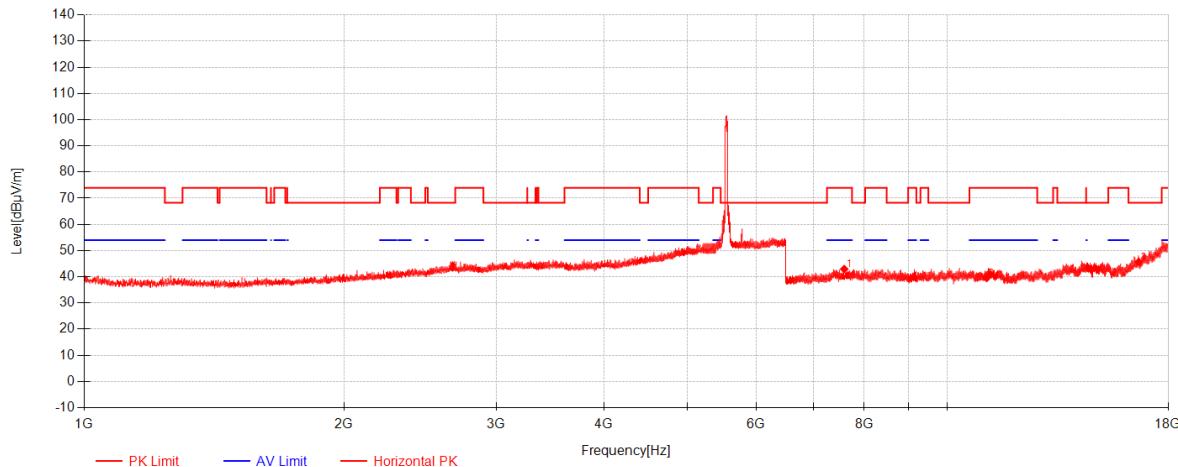
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802.11ac40_Channel 110



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7590.1042	49.10	36.64	-42.78	42.95	74.00	31.05	132	337	Horizontal
2	11100.0000	38.62	38.71	-37.75	39.58	74.00	34.42	152	6	Horizontal
3	16650.0000	39.10	41.22	-34.68	45.63	68.30	22.67	145	6	Horizontal



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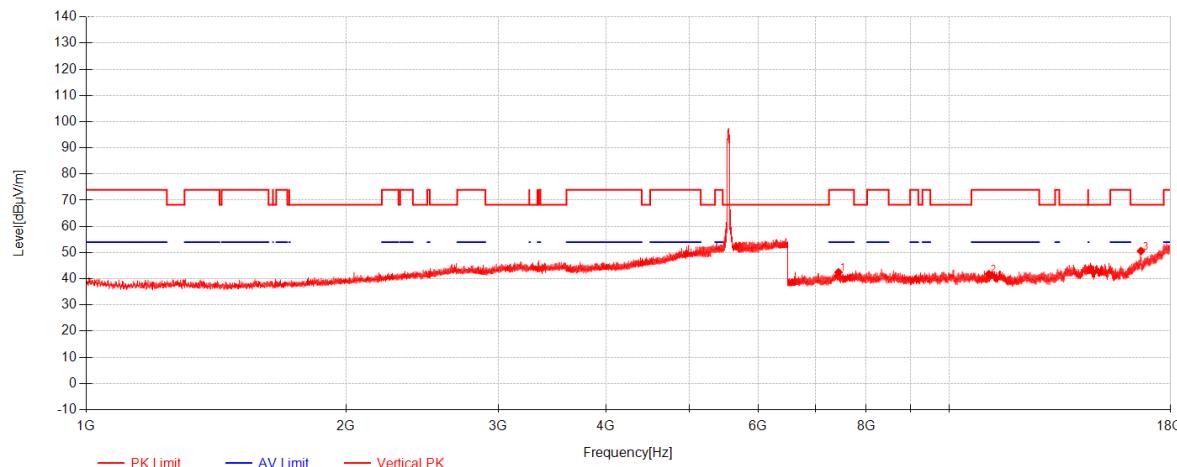
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802.11ac40_Channel 110



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7435.3333	48.97	36.42	-42.92	42.46	74.00	31.54	284	0	Vertical
2	11100.0000	40.80	38.71	-37.75	41.76	74.00	32.24	175	20	Vertical
3	16658.8125	44.07	41.24	-34.71	50.60	68.30	17.70	163	214	Vertical



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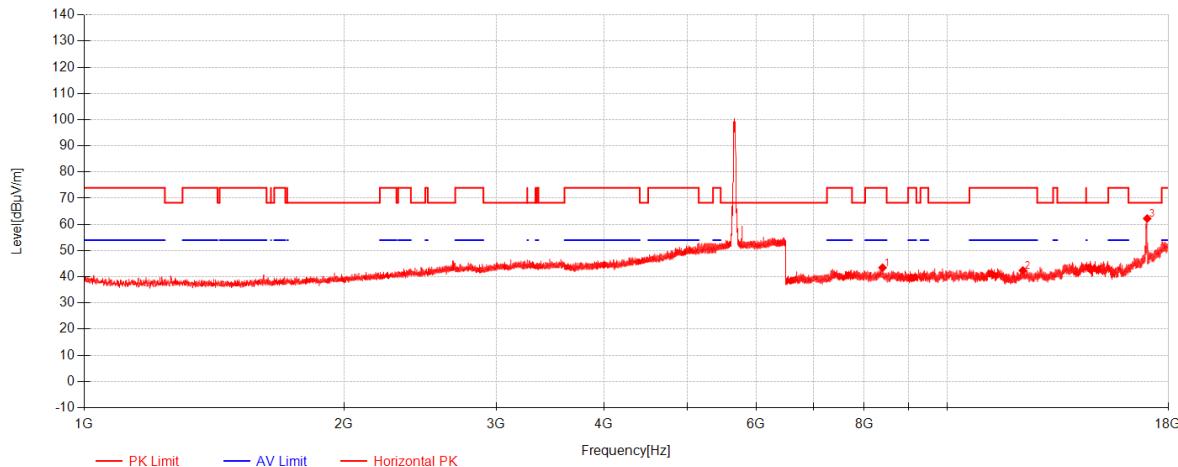
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802.11ac40_Channel 134



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8407.5625	48.28	36.60	-41.40	43.47	74.00	30.53	248	68	Horizontal
2	12221.7292	40.54	38.87	-37.01	42.40	74.00	31.60	126	68	Horizontal
3	17026.8125	53.53	42.42	-33.71	62.24	68.30	6.06	135	92	Horizontal



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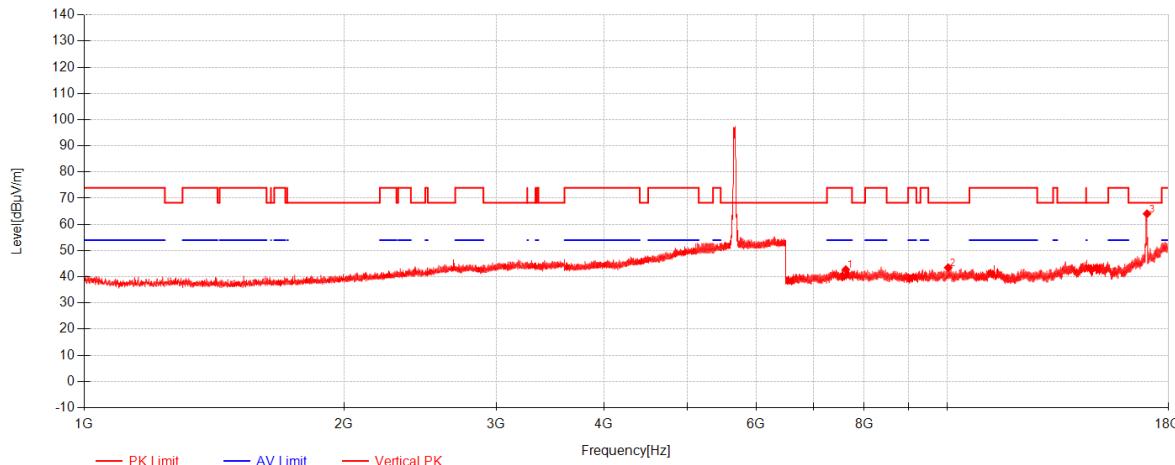
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802.11ac40_Channel 134



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7622.2083	48.88	36.65	-42.79	42.74	74.00	31.26	284	0	Vertical
2	10015.6458	44.55	38.21	-39.27	43.48	68.30	24.82	156	135	Vertical
3	17020.5833	55.39	42.39	-33.71	64.07	68.30	4.23	172	16	Vertical



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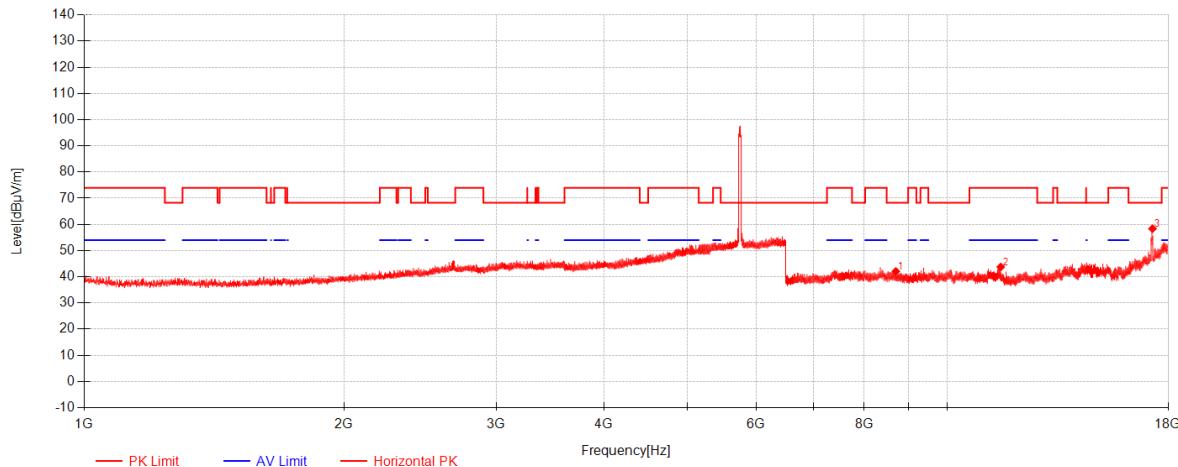
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802.11ac40_Channel 151



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8710.875	46.92	36.44	-41.32	42.05	68.30	26.25	221	189	Horizontal
2	11522.1458	41.61	38.75	-36.61	43.75	74.00	30.25	103	19	Horizontal
3	17269.75	49.98	43.51	-35.13	58.37	68.30	9.93	152	214	Horizontal



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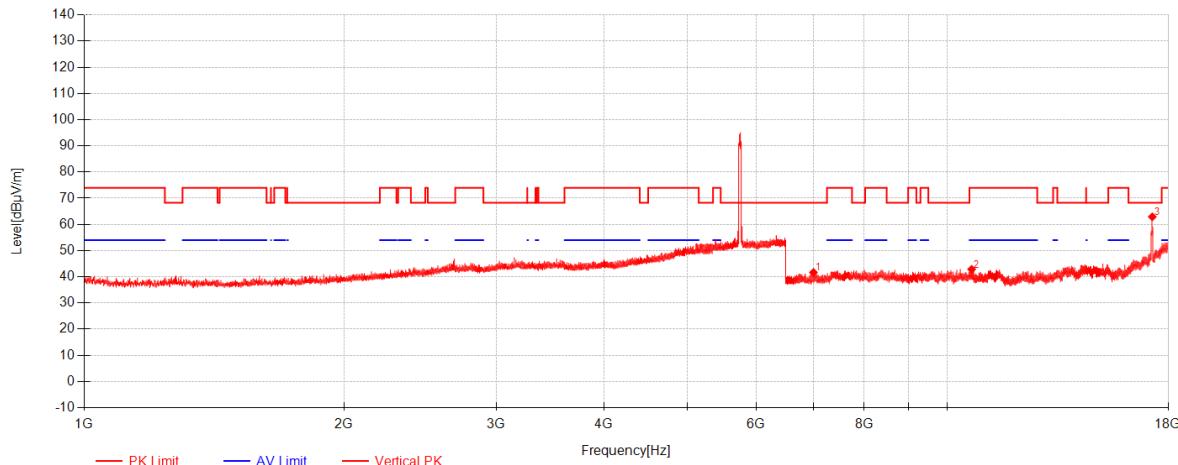
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802.11ac40_Channel 151



Data List										
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1	6992.1042	49.56	35.19	-43.06	41.68	68.30	26.62	175	43	Vertical
2	10661.0833	42.01	38.53	-37.69	42.85	74.00	31.15	142	238	Vertical
3	17260.6458	54.53	43.47	-35.08	62.92	68.30	5.38	196	188	Vertical



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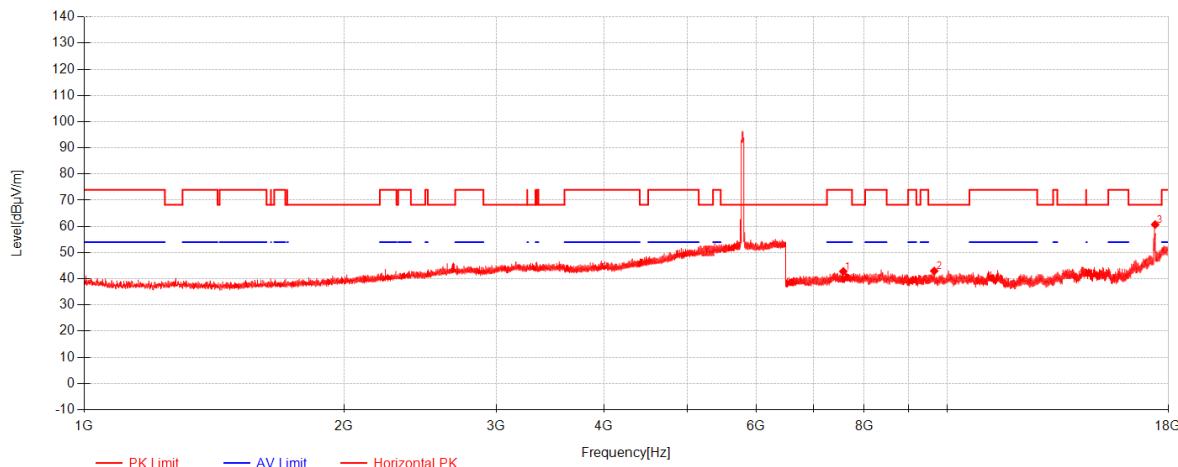
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Report No.: SEWM2309000392RG03
 Rev.: 01
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802.11ac40_Channel 159



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7571.4167	49.03	36.63	-42.86	42.80	74.00	31.20	244	0	Horizontal
2	9649.0833	44.78	37.53	-39.34	42.98	68.30	25.32	126	288	Horizontal
3	17392.8958	51.45	44.07	-34.81	60.71	68.30	7.59	153	238	Horizontal



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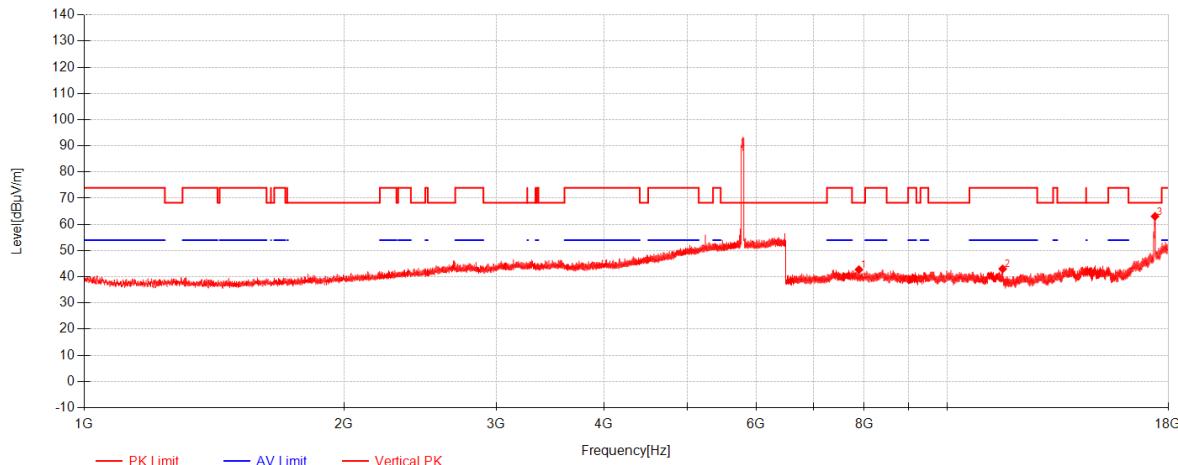
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802.11ac40_Channel 159



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7894.375	48.70	36.76	-42.73	42.73	68.30	25.57	248	140	Vertical
2	11582.0417	41.15	38.76	-36.90	43.01	74.00	30.99	175	264	Vertical
3	17385.7083	53.89	44.04	-34.84	63.08	68.30	5.22	146	190	Vertical



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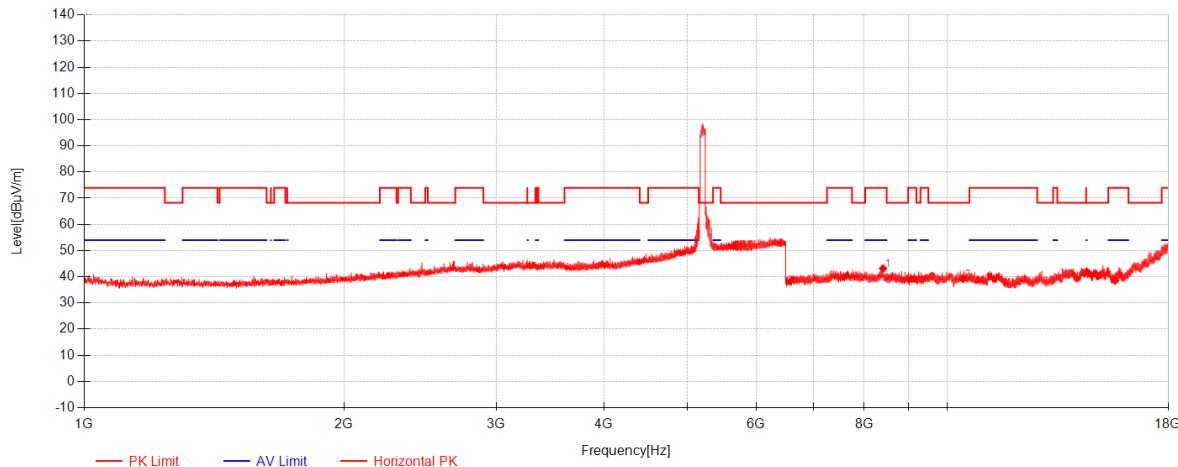
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802.11ac80_Channel 42



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8418.1042	48.03	36.59	-41.45	43.17	74.00	30.83	186	190	Horizontal
2	10420.0000	39.56	38.41	-38.73	39.24	68.30	29.06	254	6	Horizontal
3	15630.0000	32.62	39.98	-34.04	38.56	74.00	35.44	174	142	Horizontal



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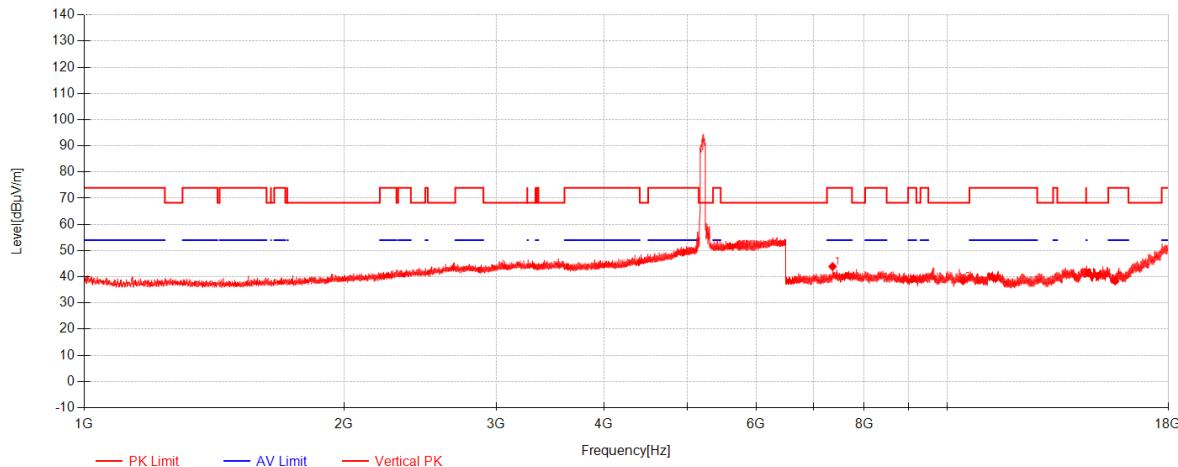
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802.11ac80_Channel 58



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7359.1458	50.72	36.21	-43.01	43.91	74.00	30.09	174	5	Vertical
2	10420.0000	38.74	38.41	-38.73	38.42	68.30	29.88	142	287	Vertical
3	15630.0000	32.44	39.98	-34.04	38.38	74.00	35.62	136	115	Vertical



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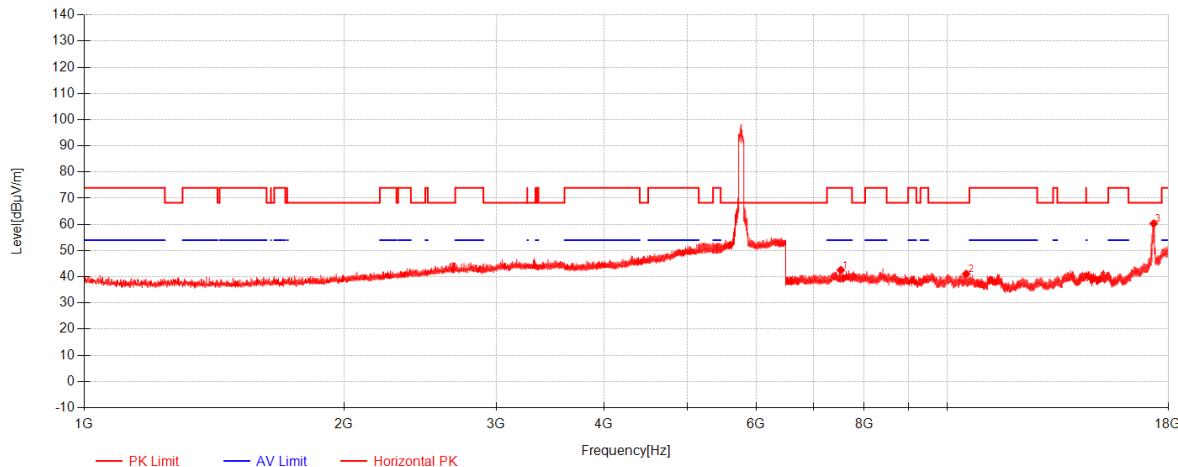
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802.11ac80_Channel 155



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7521.1042	49.01	36.61	-43.08	42.54	74.00	31.46	248	116	Horizontal
2	10506.7917	41.35	38.45	-38.71	41.09	68.30	27.21	155	68	Horizontal
3	17323.8958	51.73	43.76	-35.16	60.33	68.30	7.97	196	238	Horizontal



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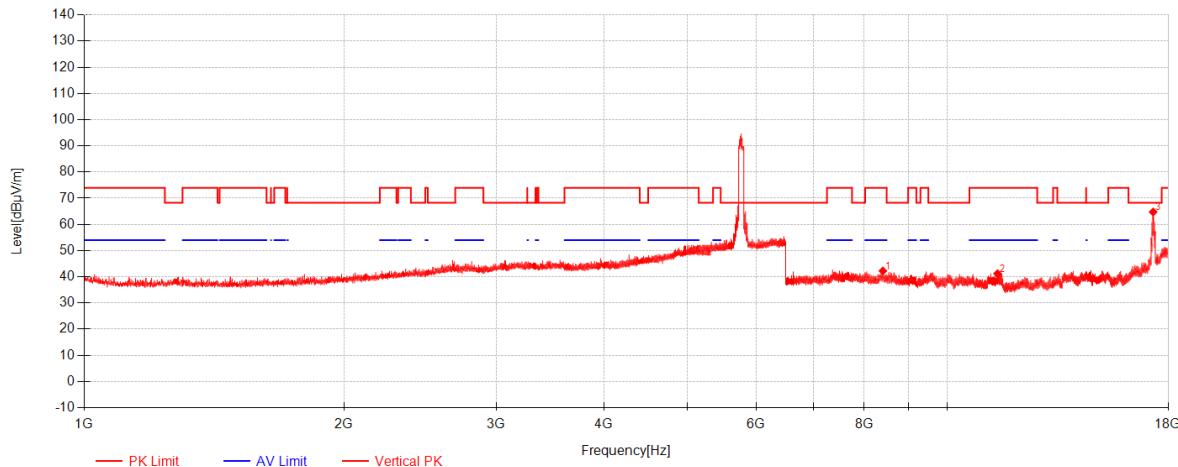
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802.11ac80_Channel 155



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8414.75	47.07	36.59	-41.43	42.23	74.00	31.77	211	0	Vertical
2	11423.9167	39.74	38.74	-37.27	41.21	74.00	32.79	198	357	Vertical
3	17299.9375	56.39	43.65	-35.28	64.76	68.30	3.54	175	169	Vertical



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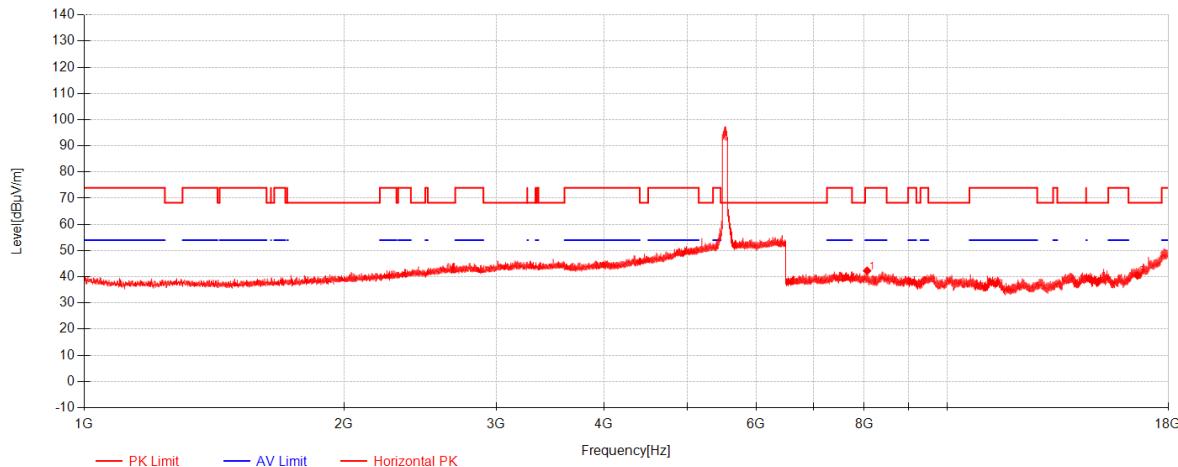
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802.11ac80_Channel 106



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8067.3542	47.12	36.77	-41.60	42.29	74.00	31.71	244	238	Horizontal
2	11060.0000	35.02	38.71	-37.69	36.04	74.00	37.96	126	43	Horizontal
3	16590.0000	33.98	41.03	-34.50	40.51	68.30	27.79	133	214	Horizontal



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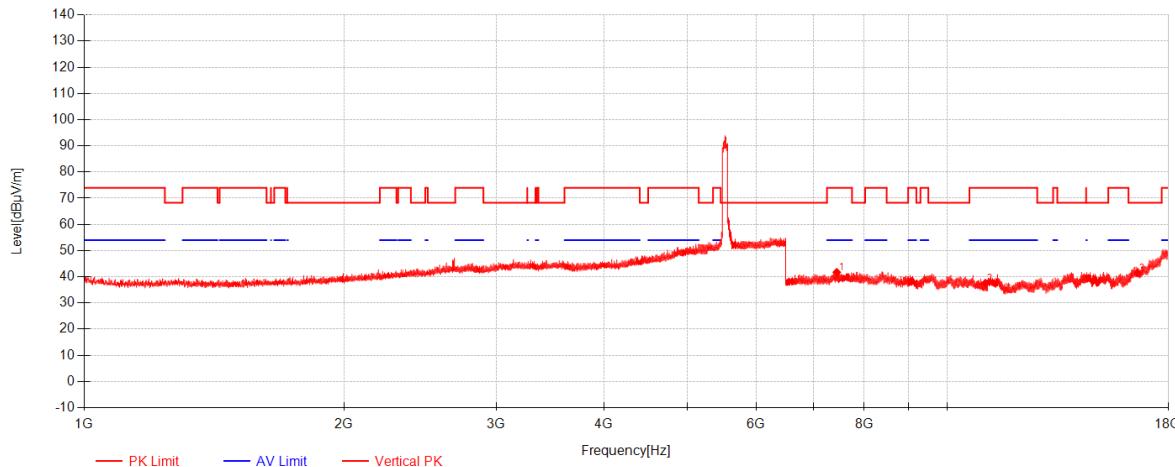
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802.11ac80_Channel 106



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7441.0833	48.24	36.44	-42.95	41.73	74.00	32.27	125	238	Vertical
2	11060.0000	36.57	38.71	-37.69	37.59	74.00	36.41	145	18	Vertical
3	16590.0000	34.95	41.03	-34.50	41.48	68.30	26.82	175	0	Vertical

Remark:

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

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

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

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

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



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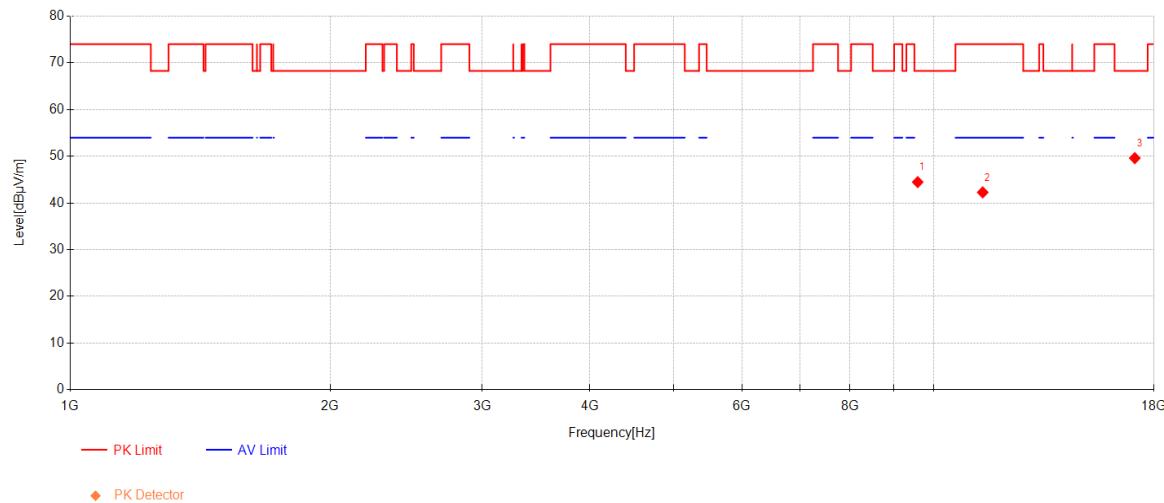
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Test on the worst case:

802.11a_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9584.875	40.23	37.78	-33.53	44.47	68.30	23.83	Horizontal
2	11400	33.73	38.40	-29.86	42.27	74.00	31.73	Horizontal
3	17100	36.46	39.14	-25.99	49.61	68.30	18.69	Horizontal



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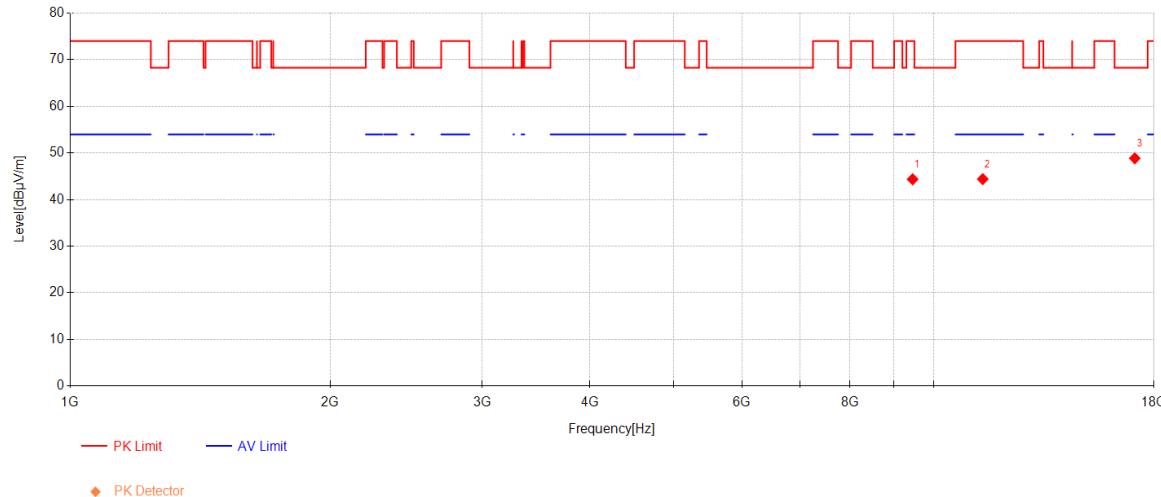
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802.11a_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9455.0208	40.39	37.74	-33.78	44.35	74.00	29.65	Vertical
2	11400	35.85	38.40	-29.86	44.39	74.00	29.61	Vertical
3	17100	35.70	39.14	-25.99	48.85	68.30	19.45	Vertical

Remark:

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

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

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

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

$$\text{Margin} = \text{Limit(dBμV/m)} - \text{Level(dBμV/m)}$$
- Both peak and average measured complies with the limit line, so test result is "PASS"



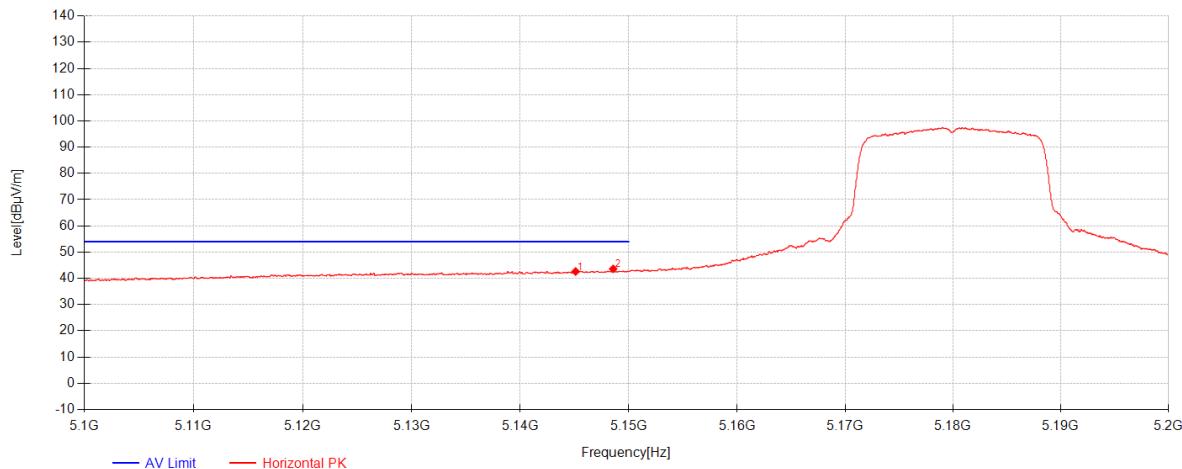
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Restricted bands around fundamental frequency**802.11a_Channel 36**

Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5145.1	30.01	31.75	-19.15	42.61	54.00	11.39	152	312	Horizontal	
2	5148.5667	30.99	31.76	-19.14	43.60	54.00	10.40	152	312	Horizontal	

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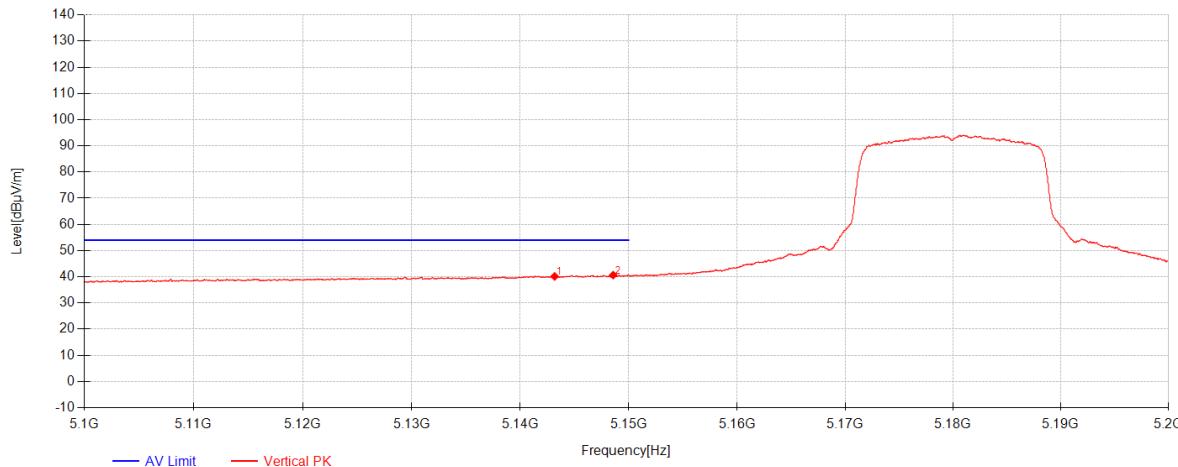
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 Rev.: 01
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802.11a_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.1667	27.55	31.74	-19.16	40.14	54.00	13.86	136	236	Vertical
2	5148.5667	28.03	31.76	-19.14	40.64	54.00	13.36	136	236	Vertical

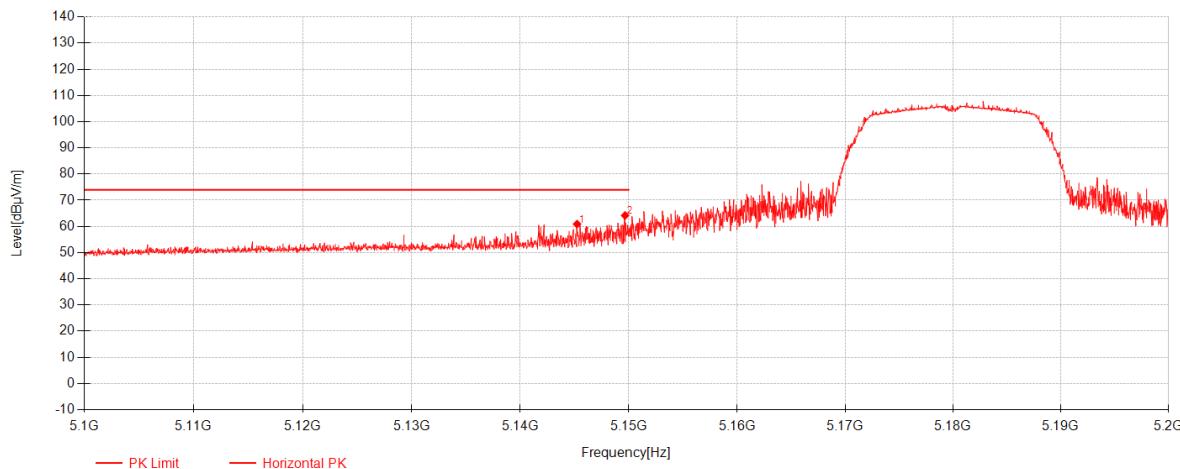
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802.11a_Channel 36

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.2333	48.30	31.75	-19.15	60.90	74.00	13.10	152	312	Horizontal
2	5149.6667	51.57	31.76	-19.14	64.19	74.00	9.81	152	312	Horizontal



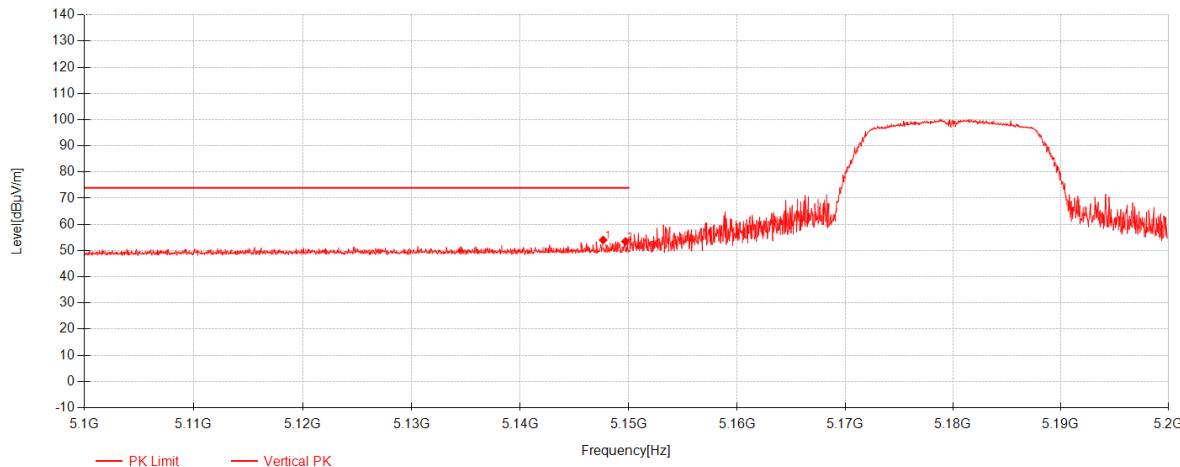
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802.11a_Channel 36

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5147.6333	41.44	31.75	-19.15	54.05	74.00	19.95	136	236	Vertical
2	5149.7	40.85	31.76	-19.14	53.47	74.00	20.53	136	236	Vertical



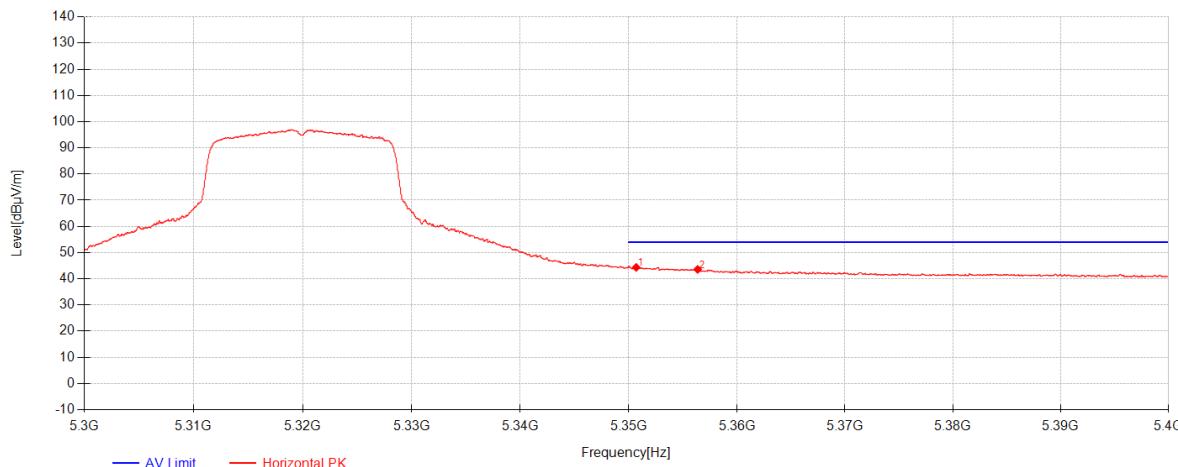
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802.11a_Channel 64

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.7	31.00	32.24	-18.90	44.34	54.00	9.66	178	124	Horizontal
2	5356.3667	30.24	32.26	-18.92	43.58	54.00	10.42	178	124	Horizontal

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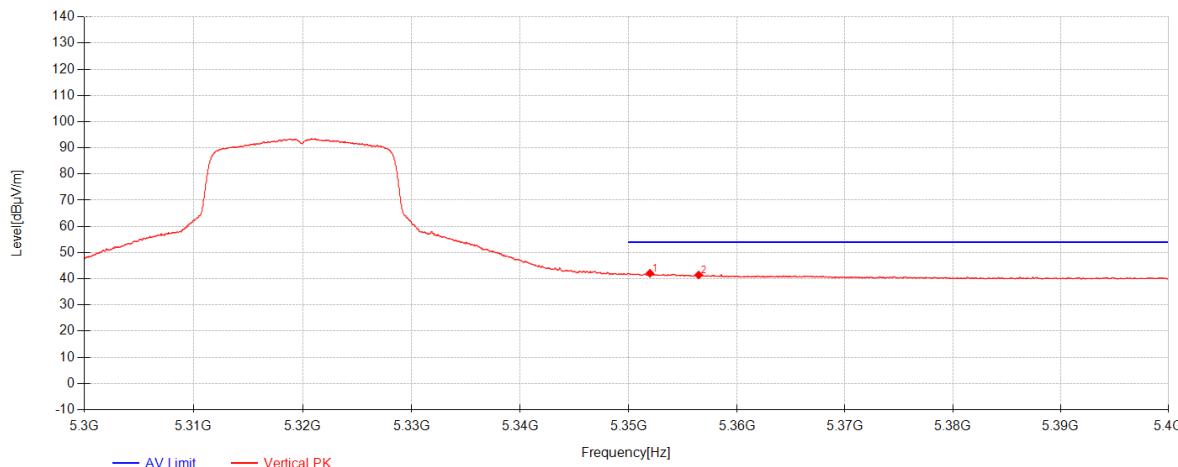
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802.11a_Channel 64

Data List											
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity	
1	5351.9667	28.77	32.24	-18.90	42.11	54.00	11.89	157	3	Vertical	
2	5356.4667	28.11	32.26	-18.92	41.45	54.00	12.55	157	3	Vertical	



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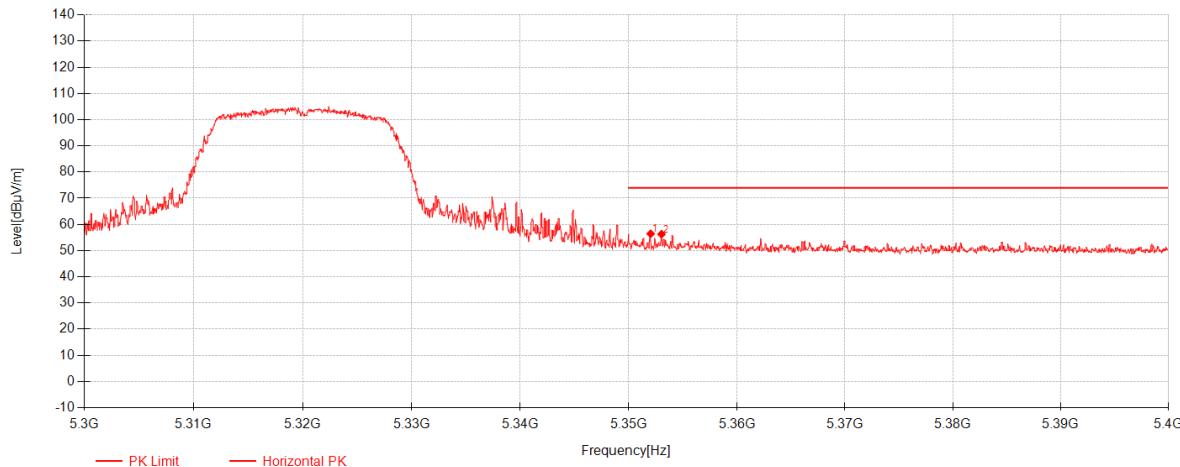
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802.11a_Channel 64

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5352.0333	43.09	32.24	-18.90	56.43	74.00	17.57	178	124	Horizontal
2	5353.0333	42.93	32.25	-18.91	56.27	74.00	17.73	178	124	Horizontal



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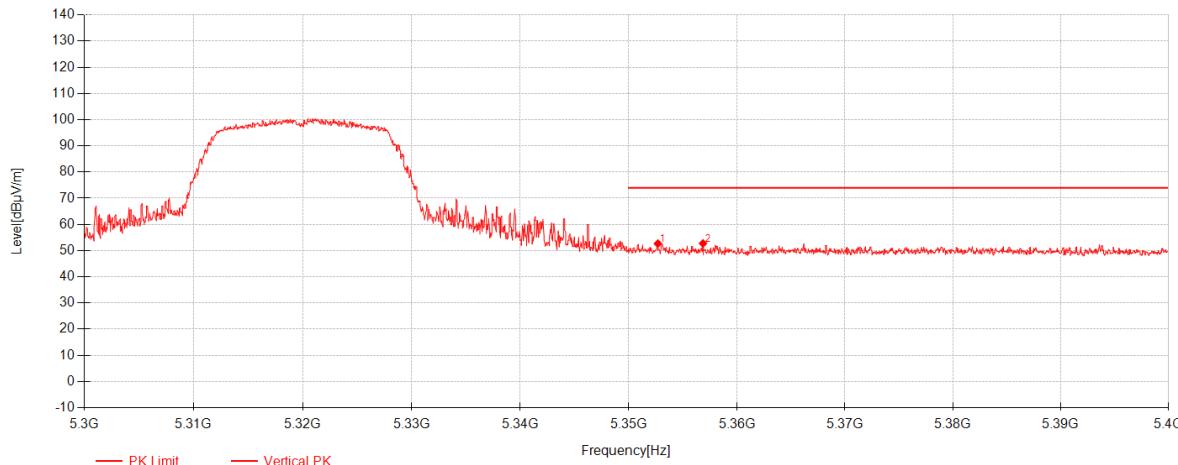
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802.11a_Channel 64

Data List										
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5352.7	39.33	32.25	-18.91	52.67	74.00	21.33	157	3	Vertical
2	5356.8667	39.39	32.26	-18.92	52.73	74.00	21.27	157	3	Vertical



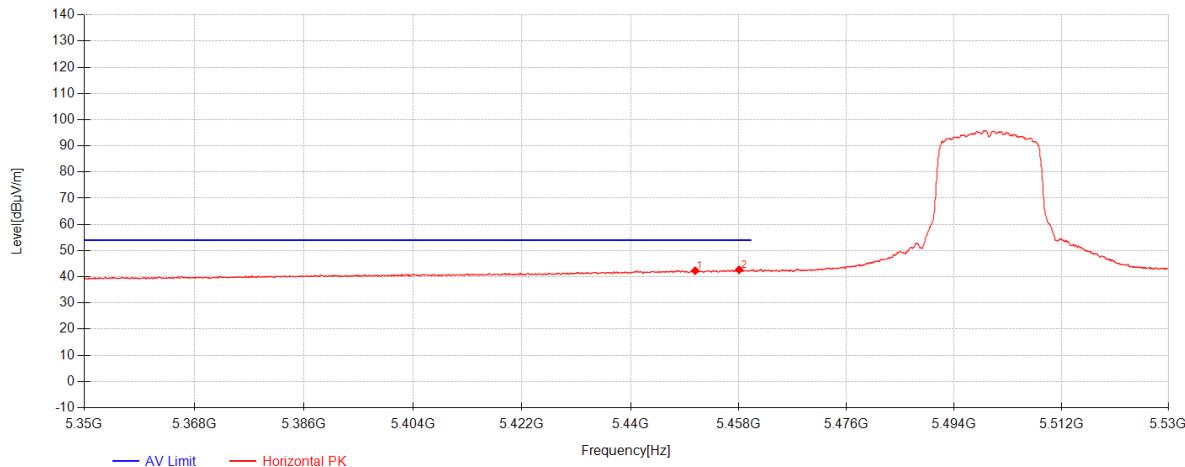
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802.11a_Channel 100

Data List										
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1	5450.74	28.94	32.48	-19.10	42.32	54.00	11.68	165	135	Horizontal
2	5458.06	29.31	32.50	-19.11	42.70	54.00	11.30	165	135	Horizontal

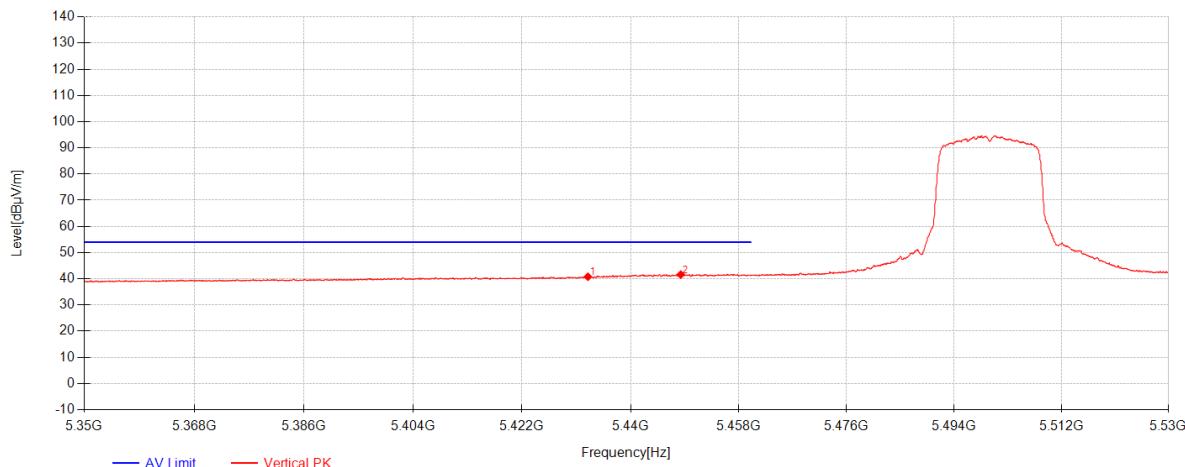
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802.11a_Channel 100

Data List										
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1	5432.92	27.40	32.44	-19.07	40.77	54.00	13.23	188	354	Vertical
2	5448.34	28.22	32.48	-19.10	41.60	54.00	12.40	188	354	Vertical

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