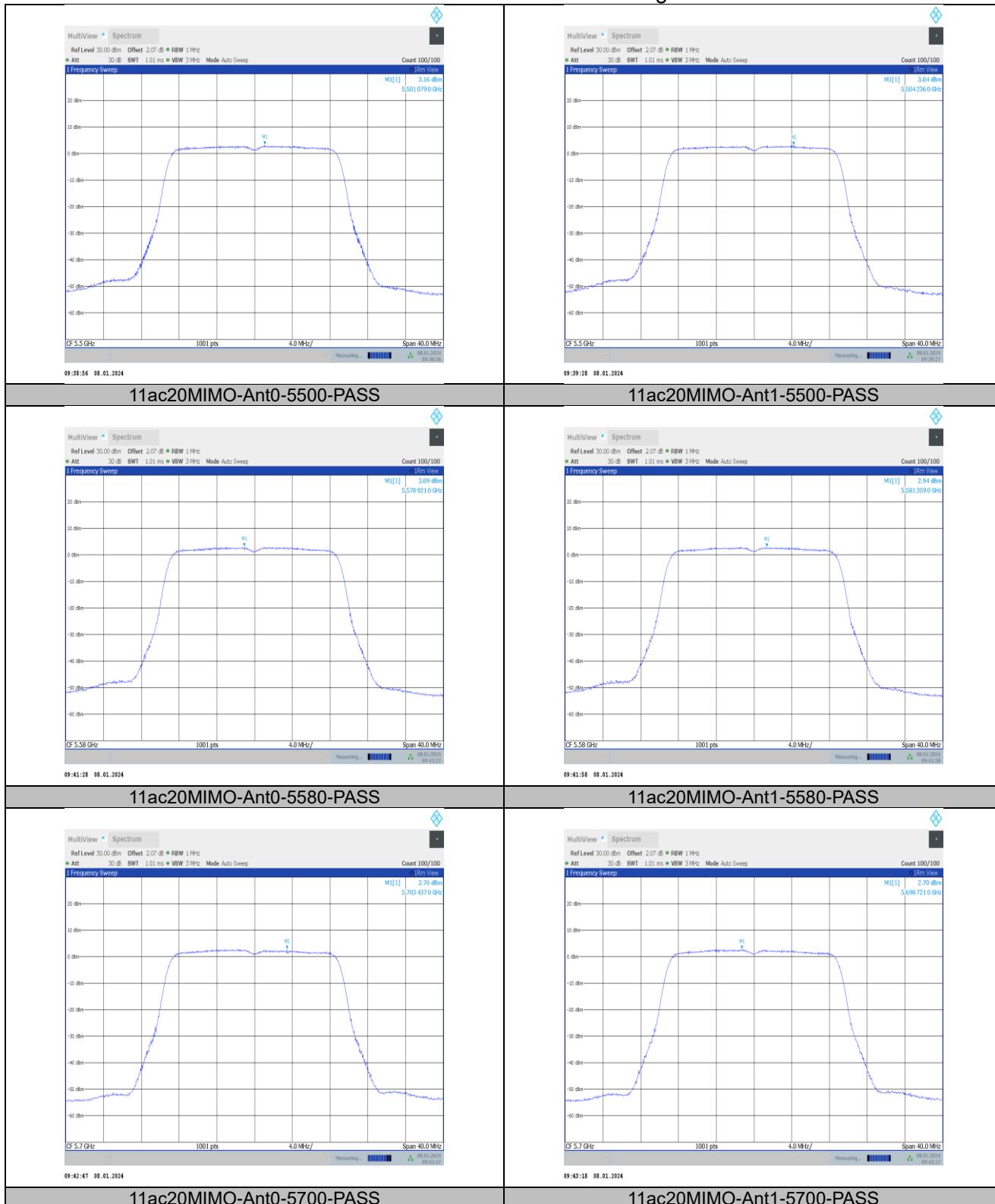


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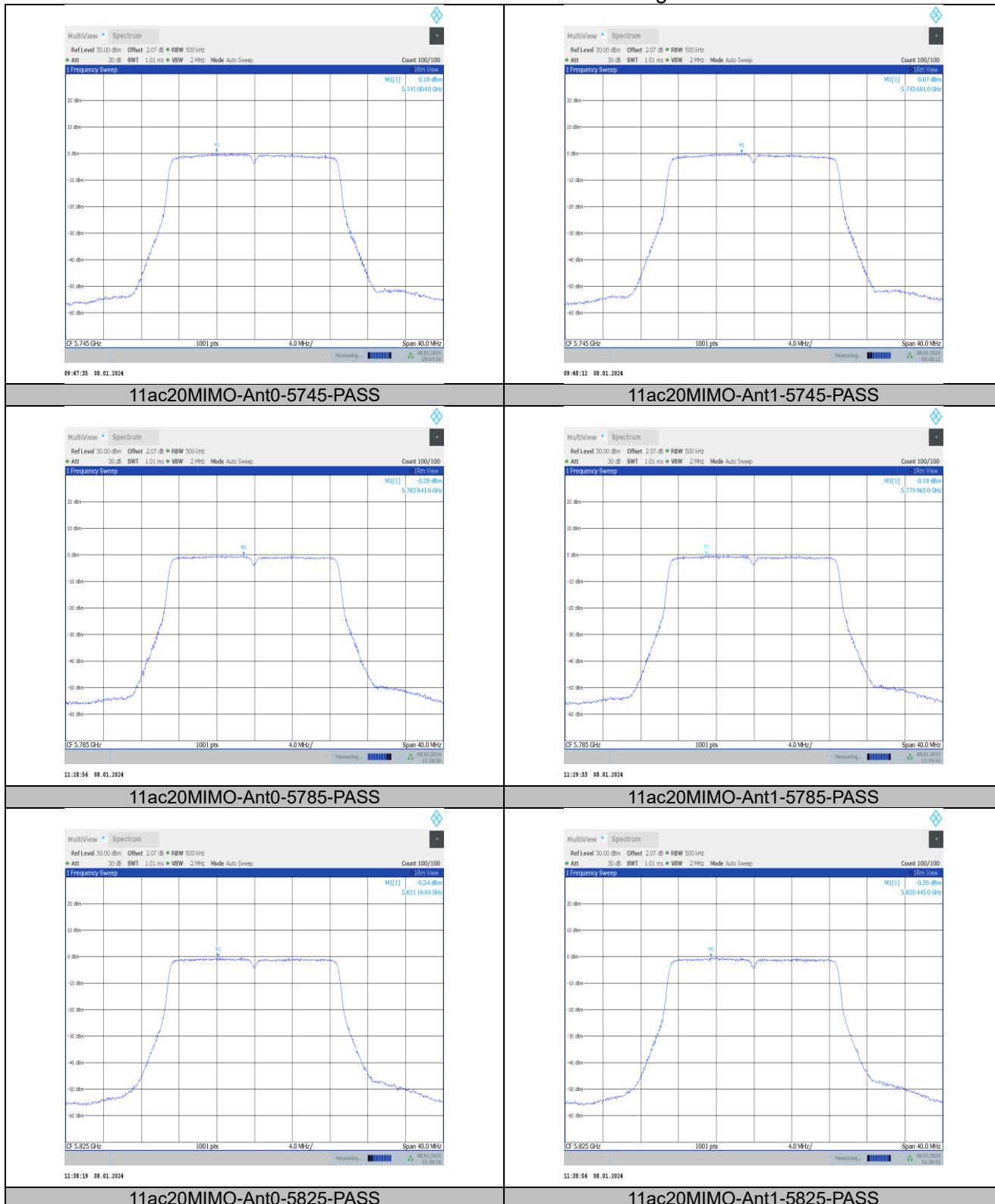
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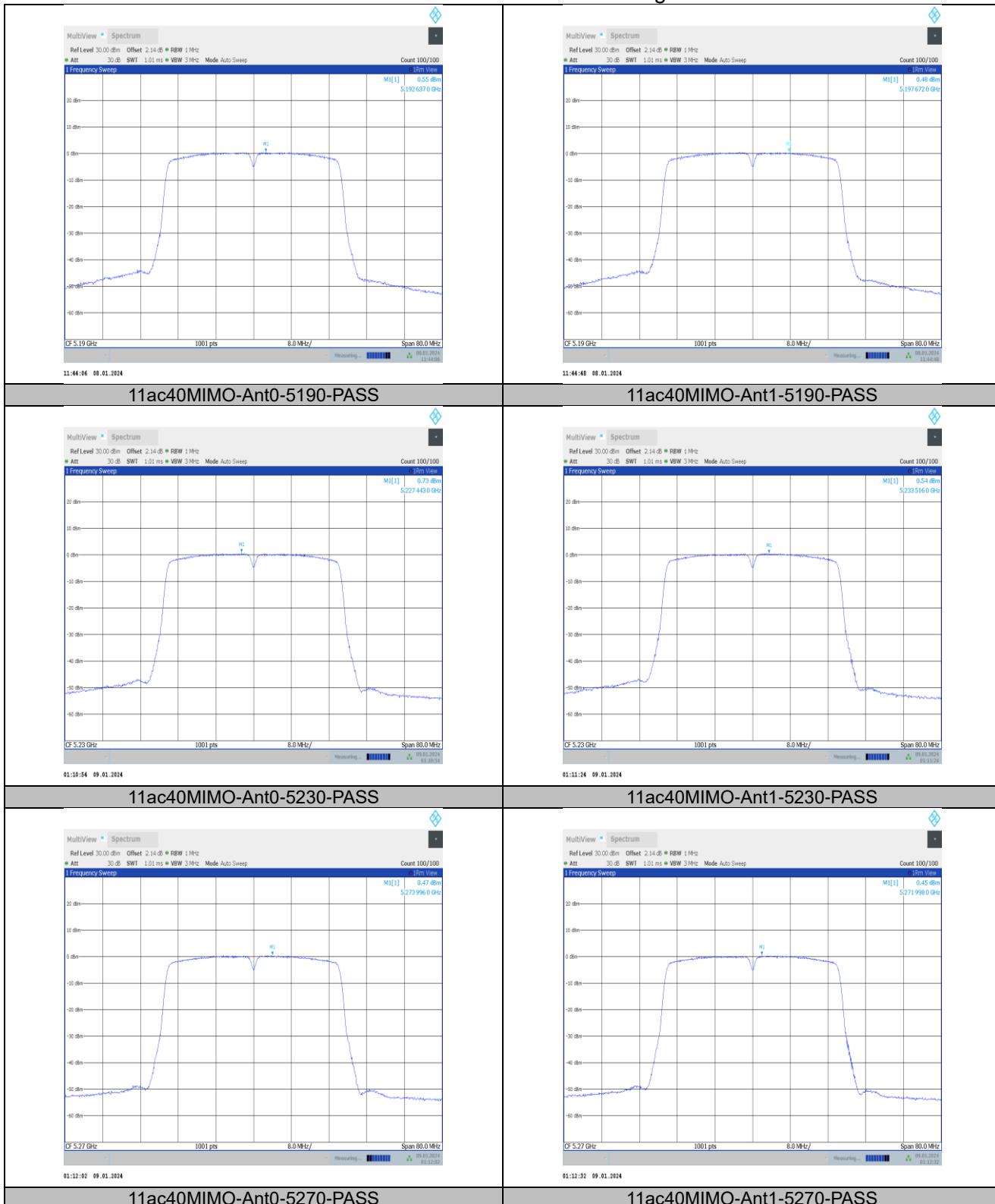
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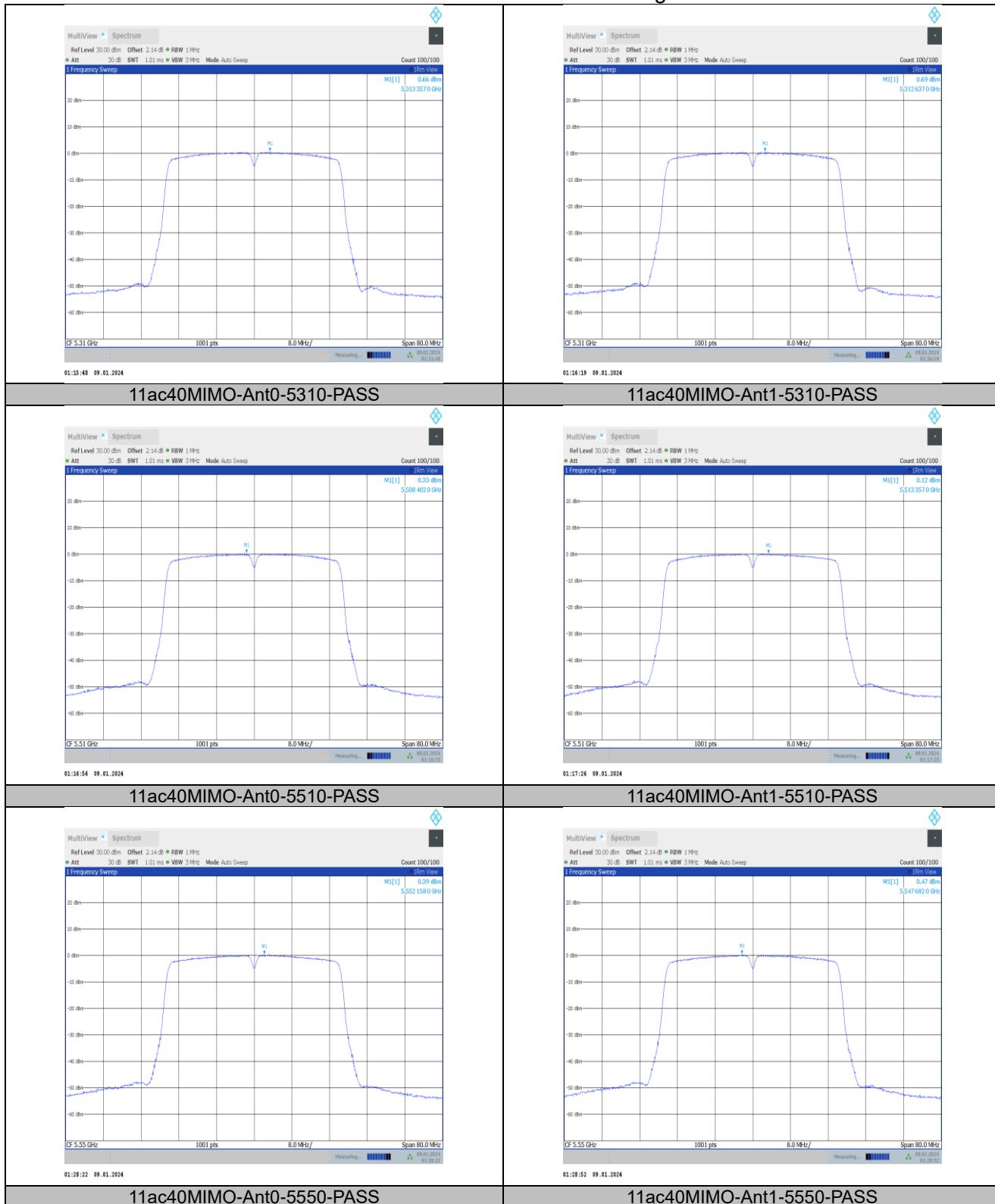
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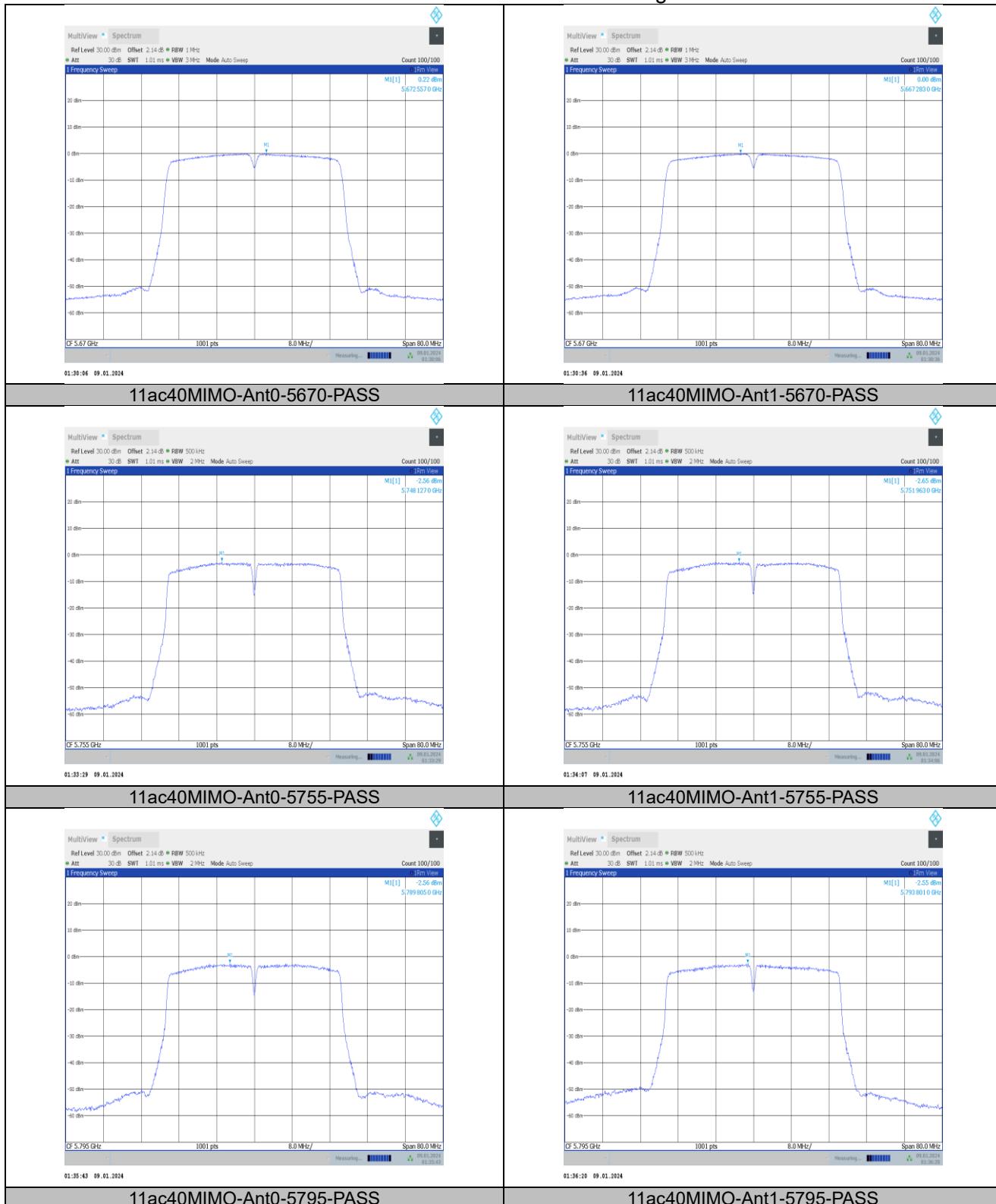
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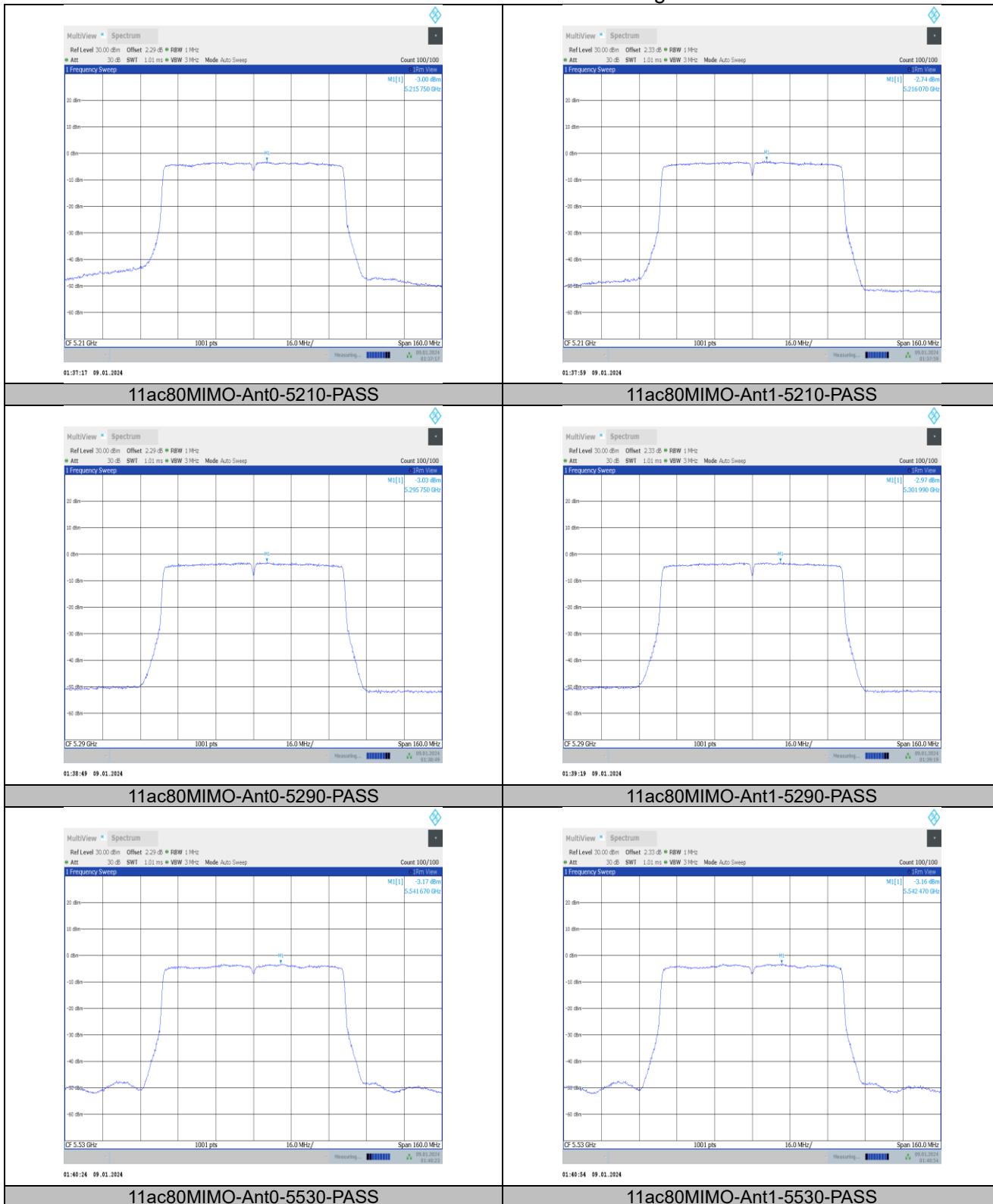
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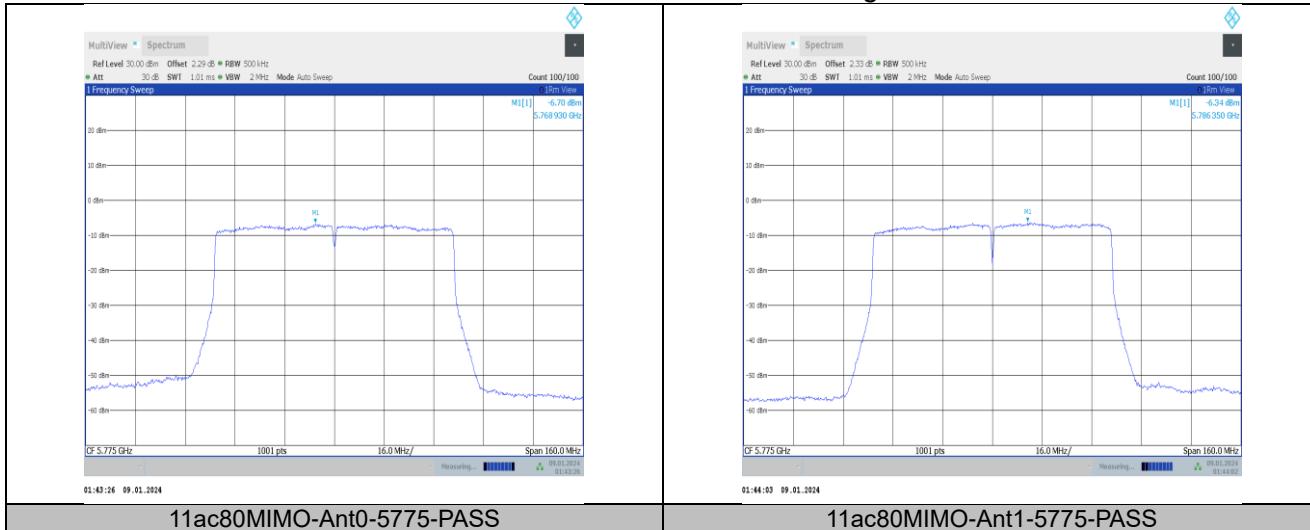
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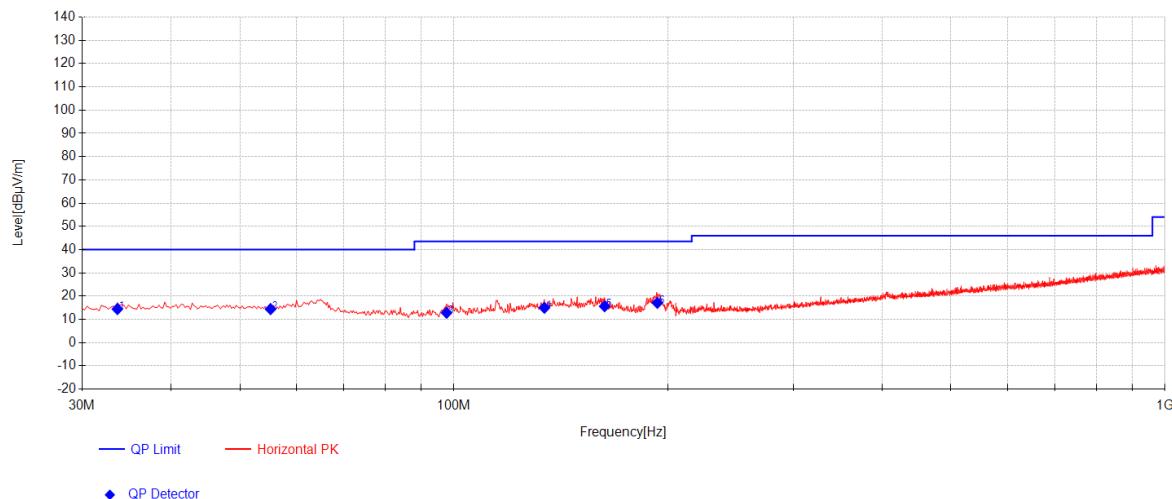
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 11ac20 MIMO_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	33.6375	30.12	-34.00	18.34	14.45	40.00	25.55	Horizontal
2	55.22	29.35	-33.92	18.99	14.42	40.00	25.58	Horizontal
3	97.6575	31.03	-33.50	15.31	12.84	43.50	30.66	Horizontal
4	134.0325	30.03	-33.27	18.21	14.97	43.50	28.53	Horizontal
5	162.89	30.63	-33.03	18.04	15.64	43.50	27.86	Horizontal
6	193.2025	34.25	-32.79	15.64	17.10	43.50	26.40	Horizontal

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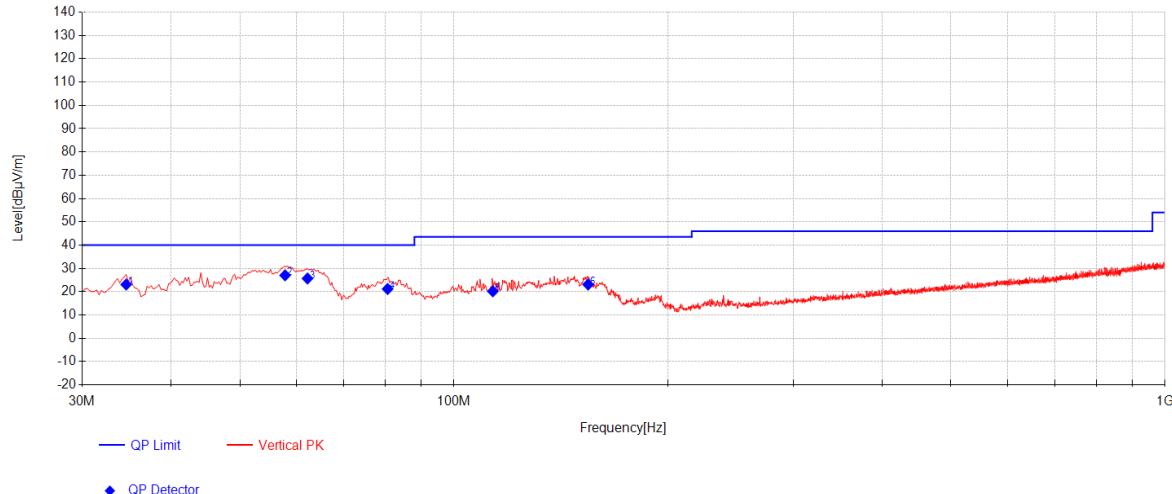
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NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	34.6075	38.65	-34.00	18.45	23.10	40.00	16.90	Vertical
2	57.8875	42.04	-33.89	18.88	27.04	40.00	12.96	Vertical
3	62.2525	41.11	-33.83	18.42	25.69	40.00	14.31	Vertical
4	80.6825	39.65	-33.65	15.17	21.17	40.00	18.83	Vertical
5	113.42	36.85	-33.37	16.71	20.18	43.50	23.32	Vertical
6	154.4025	37.85	-33.13	18.38	23.10	43.50	20.40	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:

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

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

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

$$\text{Margin} = \text{Limit(dBμV/m)} - \text{Value(dBμV/m)}$$
- All channels have been tested, but only the worst case data displayed in this report.

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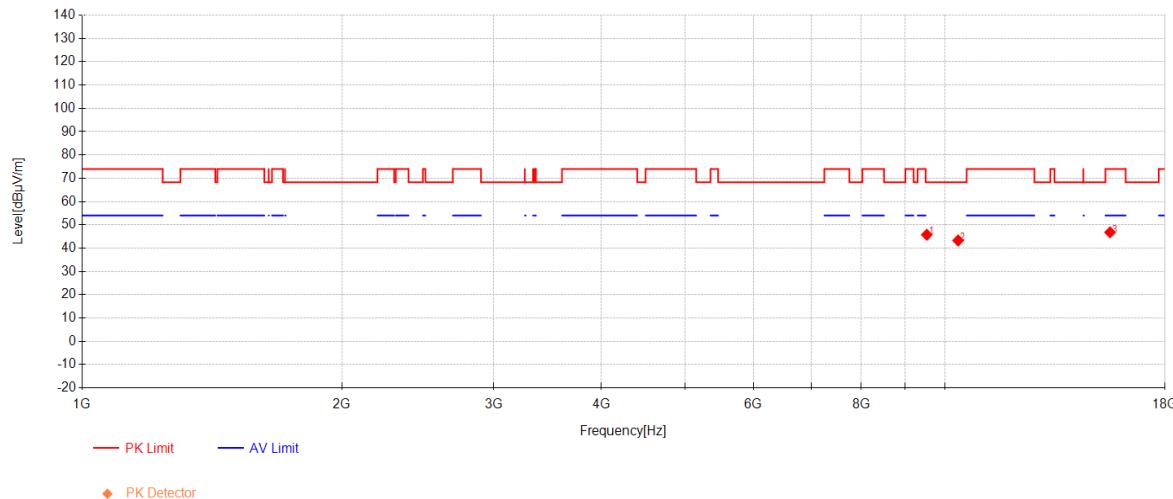


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Transmitter emission Above 1GHz

802.11a ANT0_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9529.5833	41.54	37.76	-33.55	45.75	68.30	22.55	Horizontal
2	10360	36.68	38.08	-31.48	43.28	68.30	25.02	Horizontal
3	15540	35.30	39.07	-27.58	46.79	74.00	27.21	Horizontal



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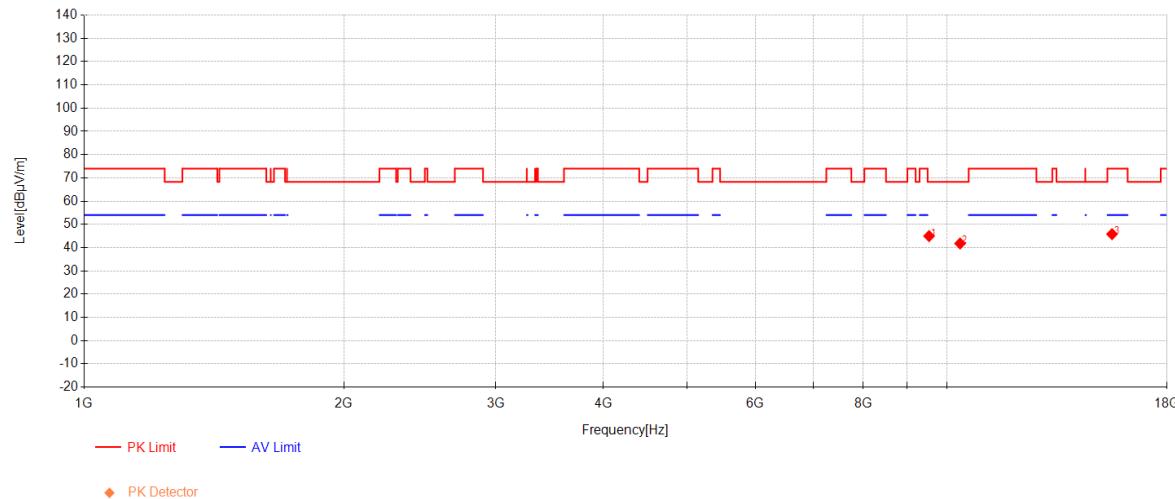
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802.11a ANT0_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9536.25	40.77	37.76	-33.55	44.98	68.30	23.32	Vertical
2	10360	35.19	38.08	-31.48	41.79	68.30	26.51	Vertical
3	15540	34.33	39.07	-27.58	45.82	74.00	28.18	Vertical



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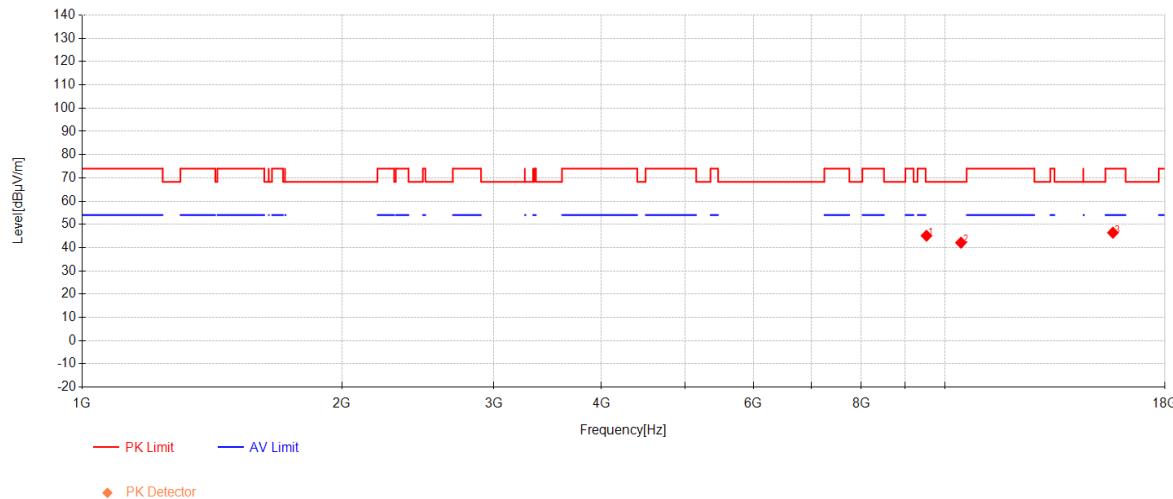
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802.11a ANT0_Channel 44



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9521.6667	40.92	37.76	-33.55	45.12	68.30	23.18	Horizontal
2	10440	35.12	38.12	-31.11	42.13	68.30	26.17	Horizontal
3	15660	35.33	38.85	-27.75	46.43	74.00	27.57	Horizontal



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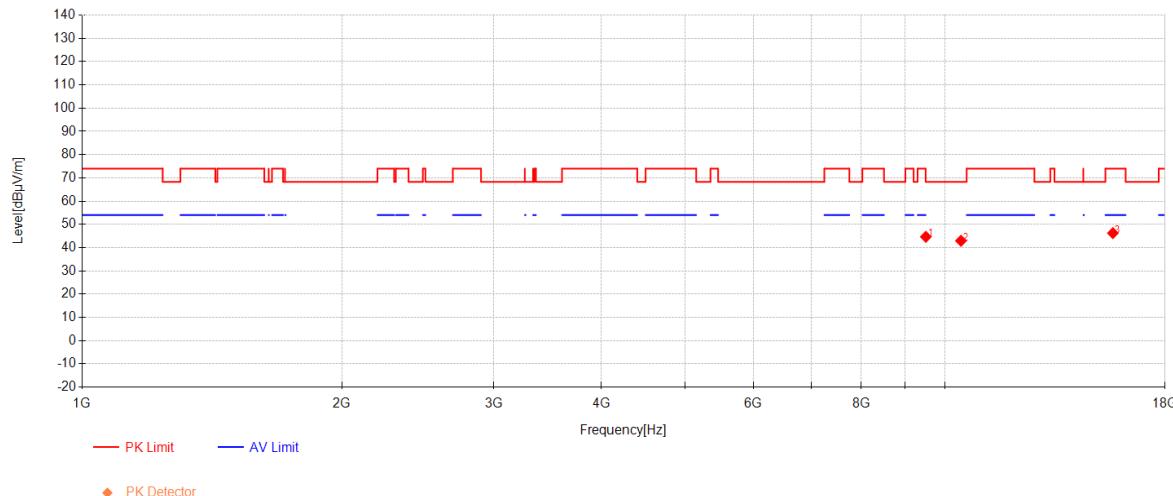
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802.11a ANT0_Channel 44



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9505.8333	40.47	37.75	-33.56	44.66	68.30	23.64	Vertical
2	10440	35.94	38.12	-31.11	42.95	68.30	25.35	Vertical
3	15660	35.15	38.85	-27.75	46.25	74.00	27.75	Vertical



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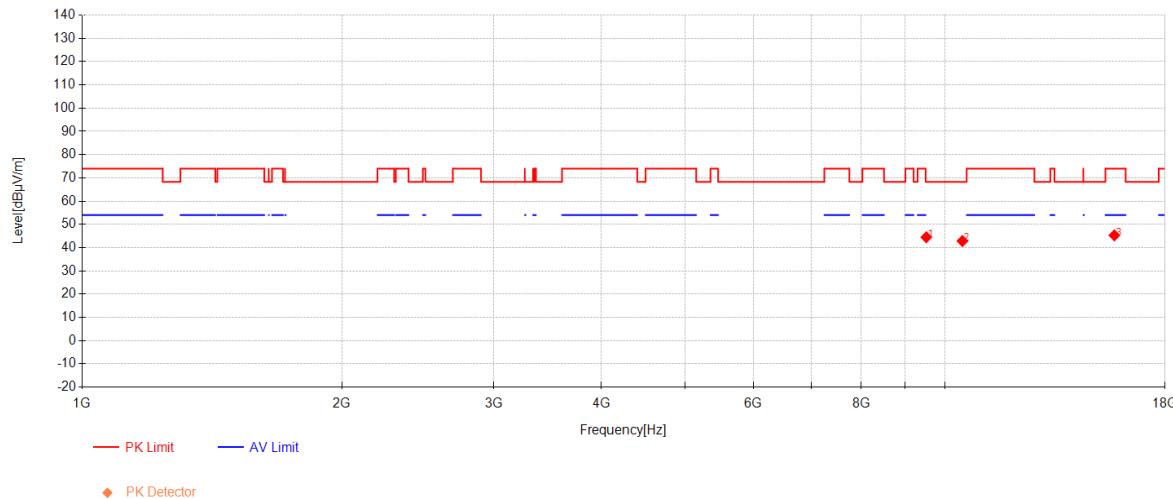
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802.11a ANT0_Channel 48



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9516.6667	40.27	37.75	-33.56	44.47	68.30	23.83	Horizontal
2	10480	35.78	38.14	-31.06	42.86	68.30	25.44	Horizontal
3	15720	34.32	38.73	-27.77	45.28	74.00	28.72	Horizontal



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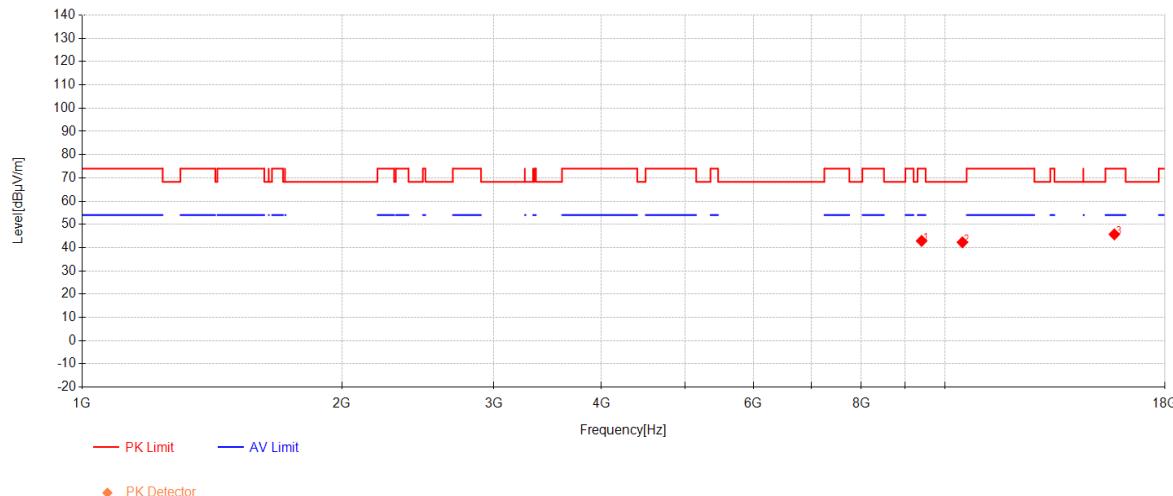
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802.11a ANT0_Channel 48



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9398.75	39.21	37.72	-34.04	42.89	74.00	31.11	Vertical
2	10480	35.20	38.14	-31.06	42.28	68.30	26.02	Vertical
3	15720	34.77	38.73	-27.77	45.73	74.00	28.27	Vertical



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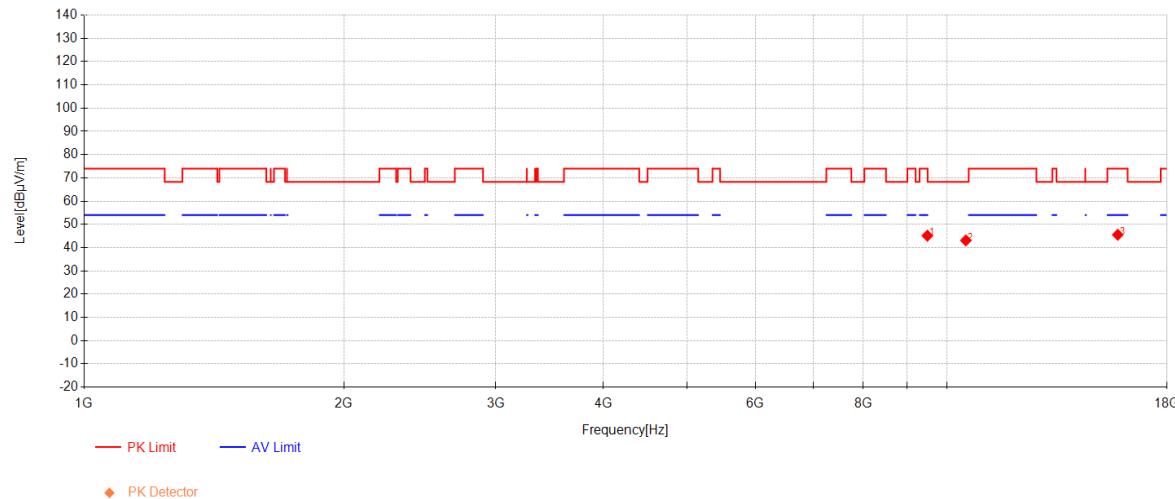
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802.11a ANT0_Channel 52



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	9494.1667	40.97	37.75	-33.59	45.13	74.00	28.87	Horizontal
2	10520	36.01	38.16	-31.06	43.11	68.30	25.19	Horizontal
3	15780	34.14	38.62	-27.23	45.53	74.00	28.47	Horizontal

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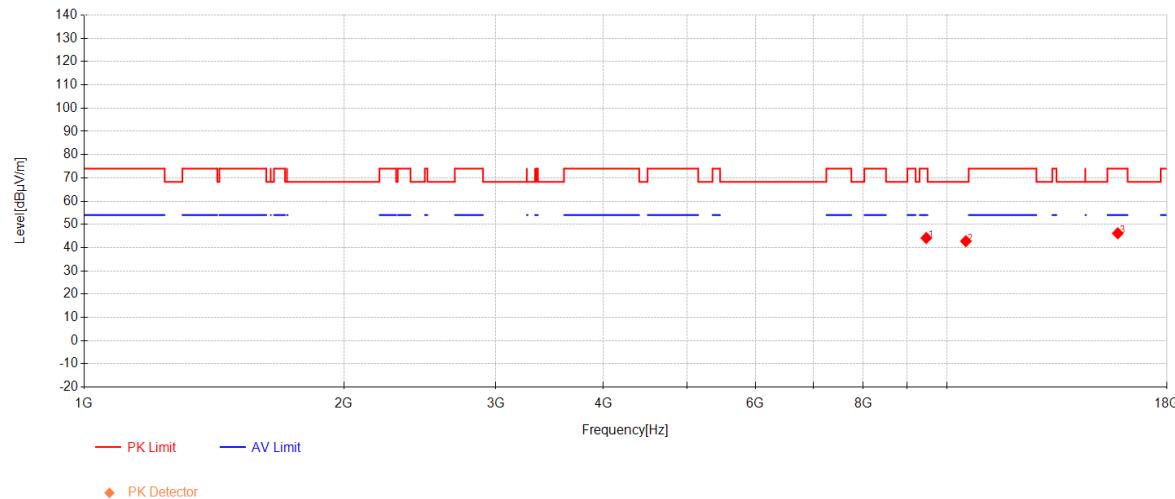
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9466.25	40.12	37.74	-33.72	44.14	74.00	29.86	Vertical
2	10520	35.68	38.16	-31.06	42.78	68.30	25.52	Vertical
3	15780	34.76	38.62	-27.23	46.15	74.00	27.85	Vertical



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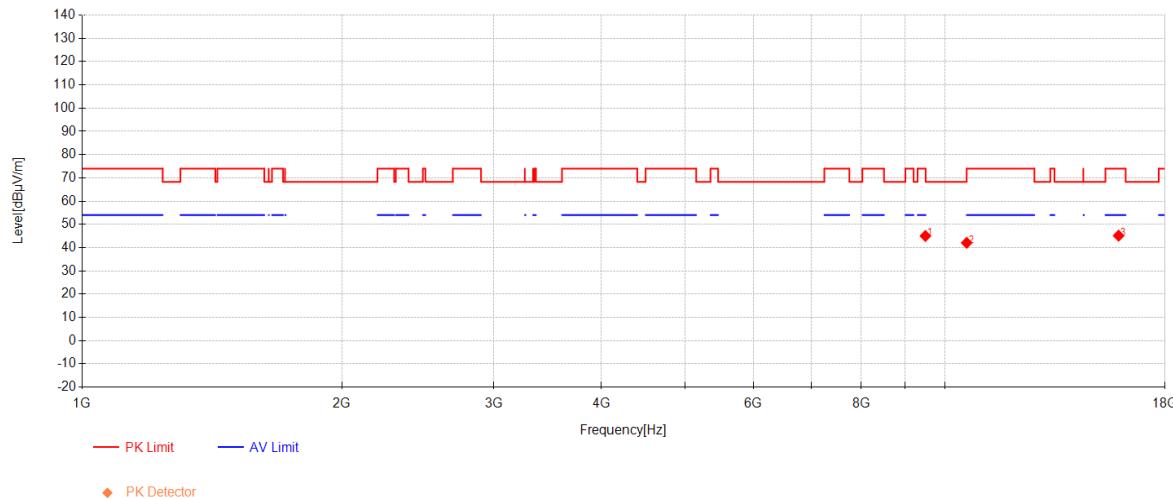
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802.11a ANT0_Channel 60



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9493.75	40.85	37.75	-33.59	45.01	74.00	28.99	Horizontal
2	10600	35.07	38.20	-31.20	42.07	68.30	26.23	Horizontal
3	15900	34.23	38.39	-27.48	45.14	74.00	28.86	Horizontal



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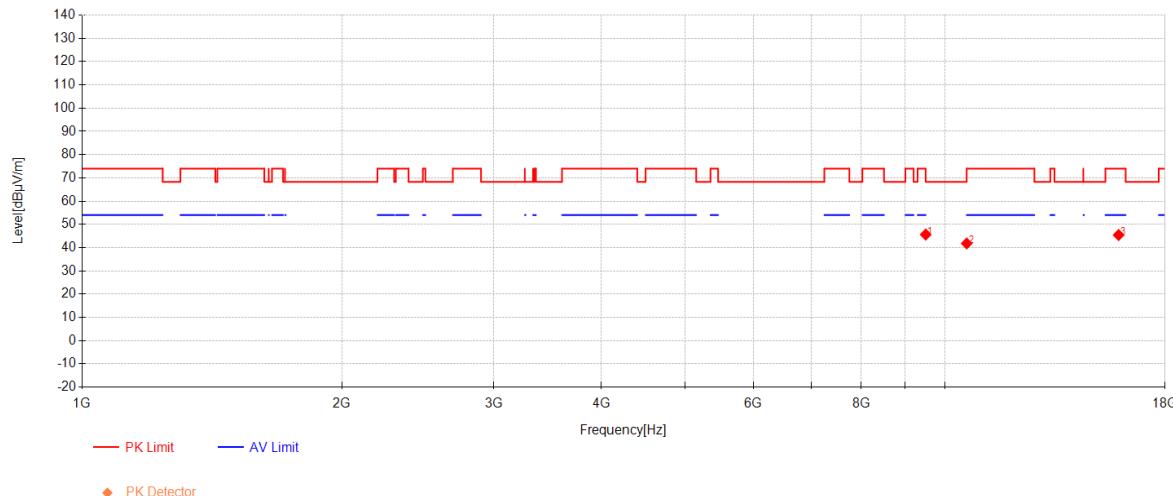
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9501.6667	41.43	37.75	-33.56	45.62	68.30	22.68	Vertical
2	10600	34.80	38.20	-31.20	41.80	68.30	26.50	Vertical
3	15900	34.51	38.39	-27.48	45.42	74.00	28.58	Vertical



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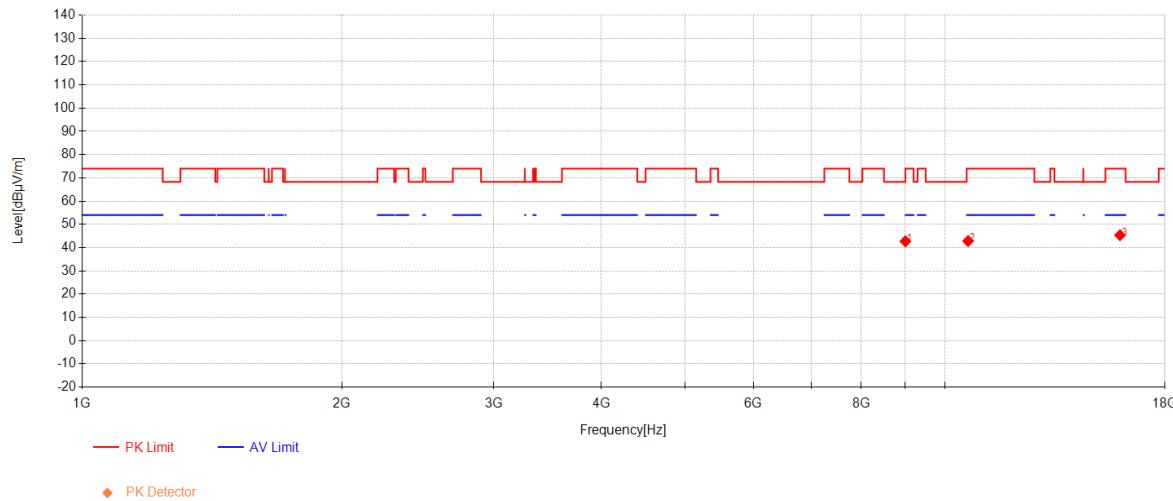
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802.11a ANT0_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9000	39.48	37.60	-34.36	42.72	68.30	25.58	Horizontal
2	10640	35.45	38.22	-30.84	42.83	74.00	31.17	Horizontal
3	15960	34.52	38.28	-27.45	45.35	74.00	28.65	Horizontal



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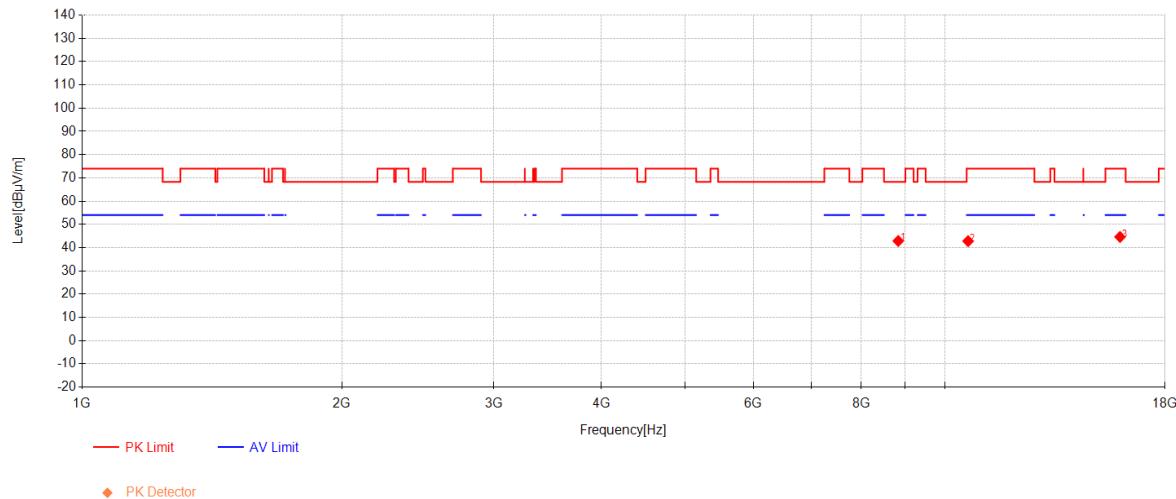
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	8830.4167	40.31	37.52	-34.95	42.88	68.30	25.42	Vertical
2	10640	35.41	38.22	-30.84	42.79	74.00	31.21	Vertical
3	15960	33.78	38.28	-27.45	44.61	74.00	29.39	Vertical



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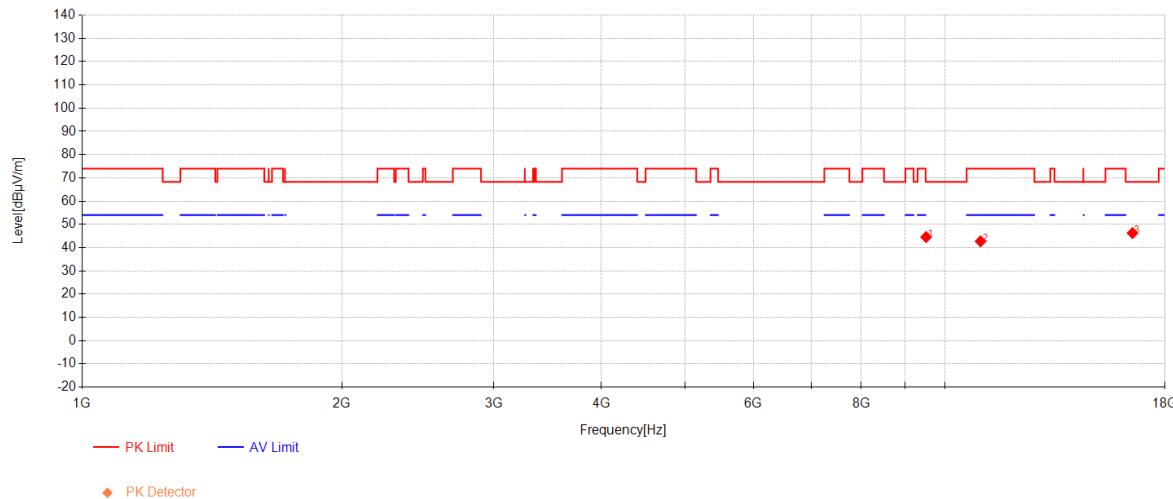
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802.11a ANT0_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9512.0833	40.34	37.75	-33.56	44.54	68.30	23.76	Horizontal
2	11000	34.82	38.40	-30.50	42.72	74.00	31.28	Horizontal
3	16500	34.32	38.55	-26.60	46.27	68.30	22.03	Horizontal



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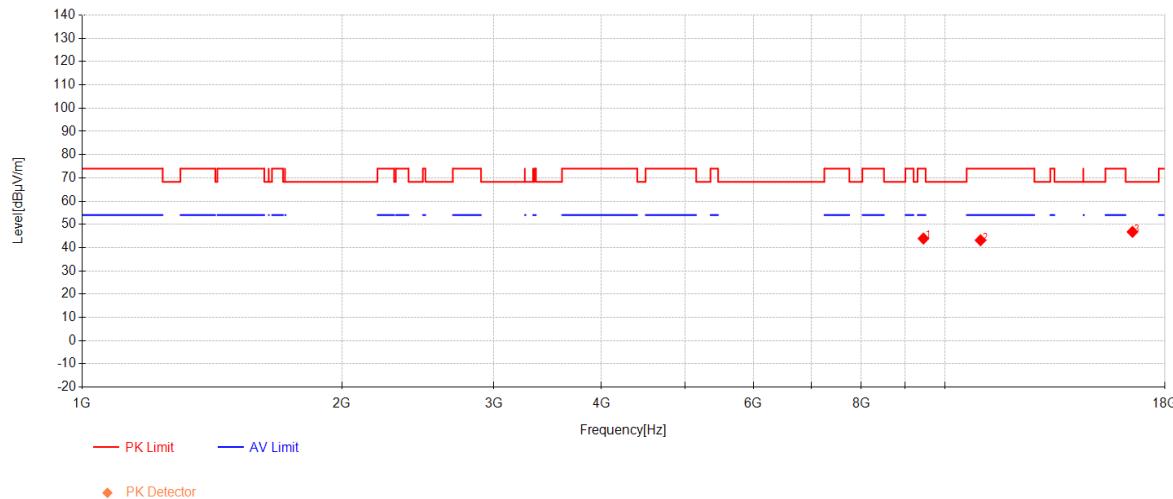
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802.11a ANT0_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9445	40.01	37.73	-33.82	43.92	74.00	30.08	Vertical
2	11000	35.27	38.40	-30.50	43.17	74.00	30.83	Vertical
3	16500	34.83	38.55	-26.60	46.78	68.30	21.52	Vertical



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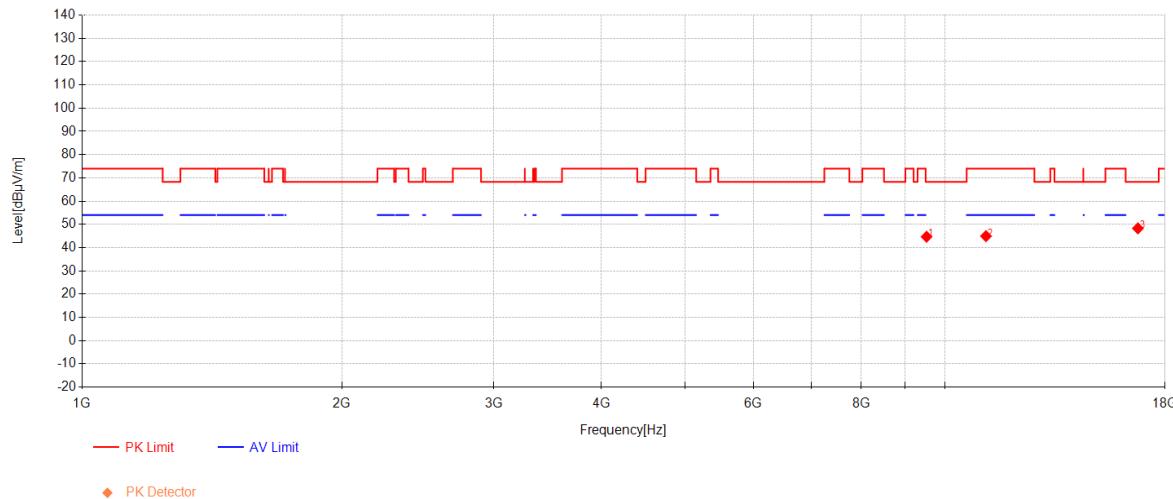
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802.11a ANT0_Channel 116



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9524.1667	40.49	37.76	-33.55	44.69	68.30	23.61	Horizontal
2	11160	36.65	38.40	-30.10	44.95	74.00	29.05	Horizontal
3	16740	36.10	38.72	-26.51	48.30	68.30	20.00	Horizontal



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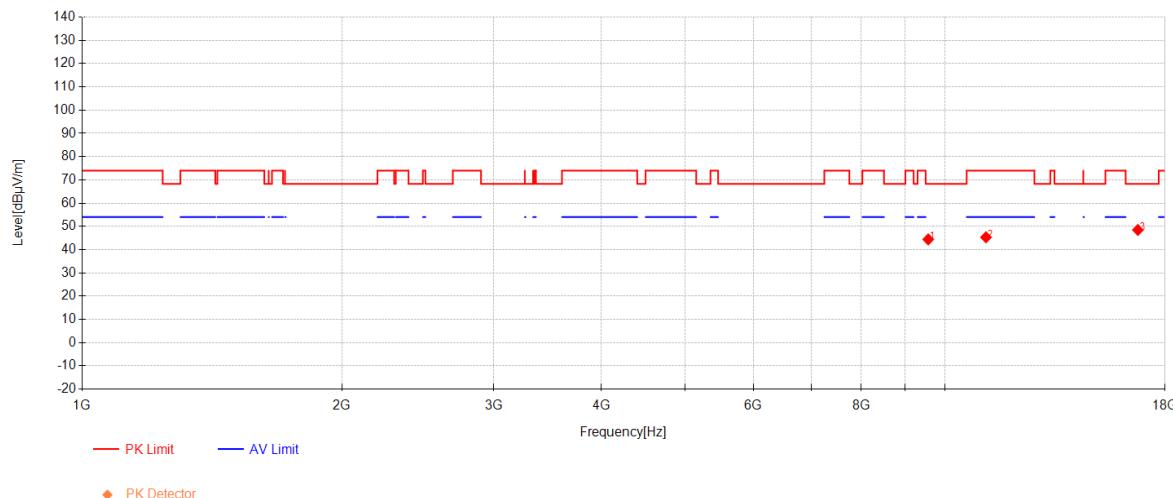
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802.11a ANT0_Channel 116



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]	Polarity
1	9566.25	40.19	37.77	-33.54	44.42	68.30	23.88	Vertical
2	11160	37.01	38.40	-30.10	45.31	74.00	28.69	Vertical
3	16740	36.26	38.72	-26.51	48.46	68.30	19.84	Vertical



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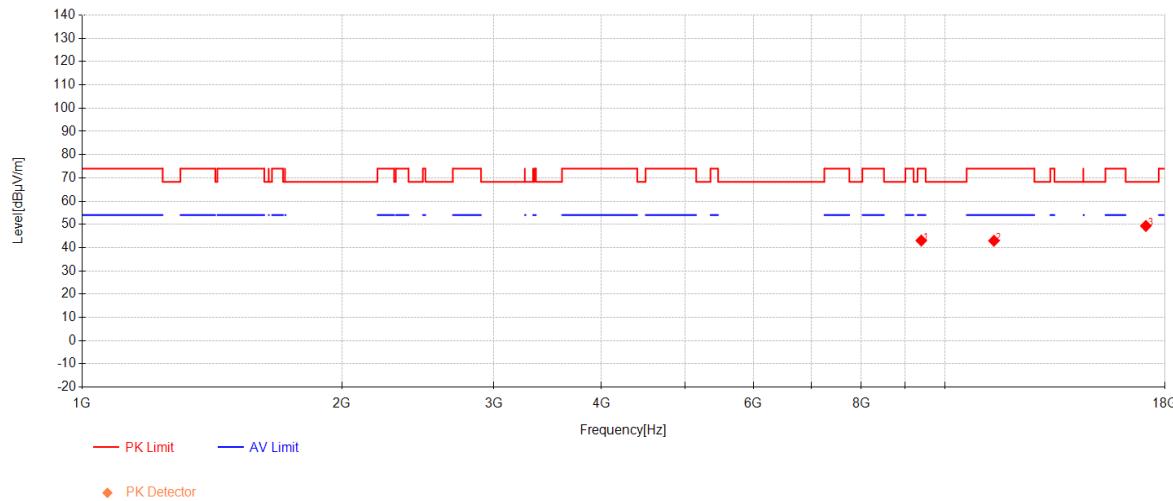
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802.11a ANT0_Channel 140



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	9390.4167	39.36	37.72	-34.03	43.05	74.00	30.95	Horizontal
2	11400	34.42	38.40	-29.86	42.96	74.00	31.04	Horizontal
3	17100	36.18	39.14	-25.99	49.33	68.30	18.97	Horizontal



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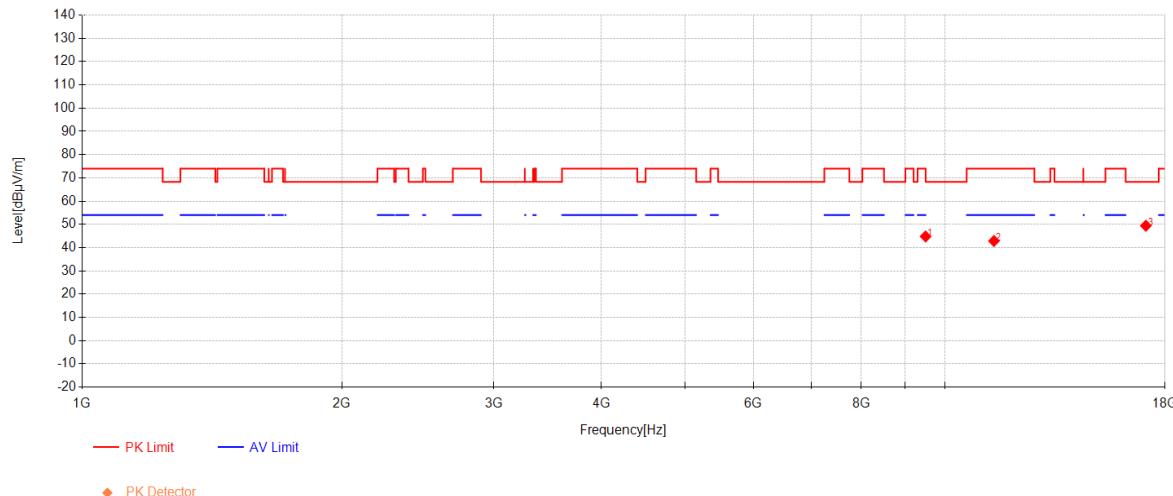
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802.11a ANT0_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9498.3333	40.62	37.75	-33.57	44.80	74.00	29.20	Vertical
2	11400	34.33	38.40	-29.86	42.87	74.00	31.13	Vertical
3	17100	36.27	39.14	-25.99	49.42	68.30	18.88	Vertical



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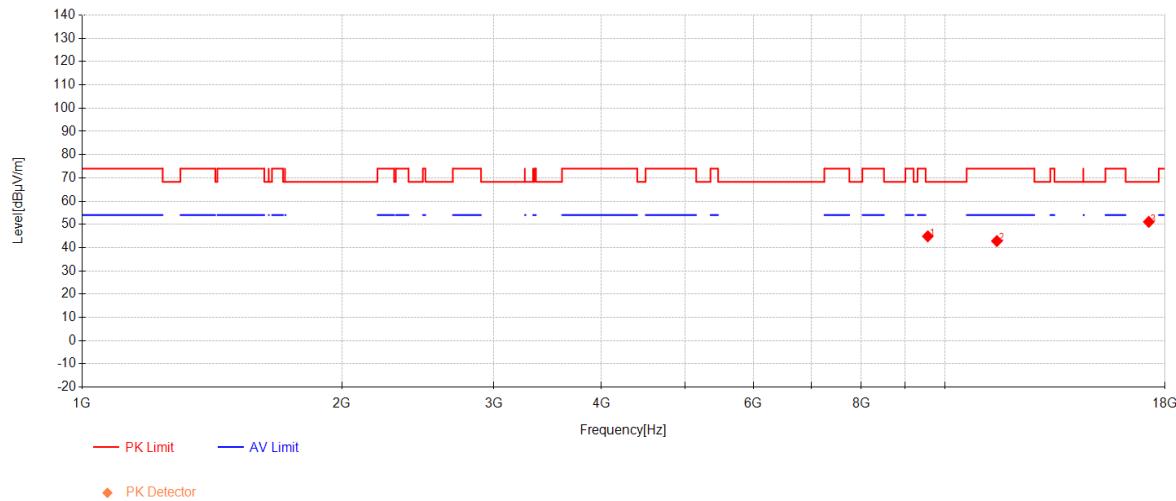
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802.11a ANT0_Channel 149



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9555	40.65	37.77	-33.54	44.87	68.30	23.43	Horizontal
2	11490	34.41	38.40	-29.98	42.83	74.00	31.17	Horizontal
3	17235	36.77	39.46	-25.16	51.08	68.30	17.22	Horizontal



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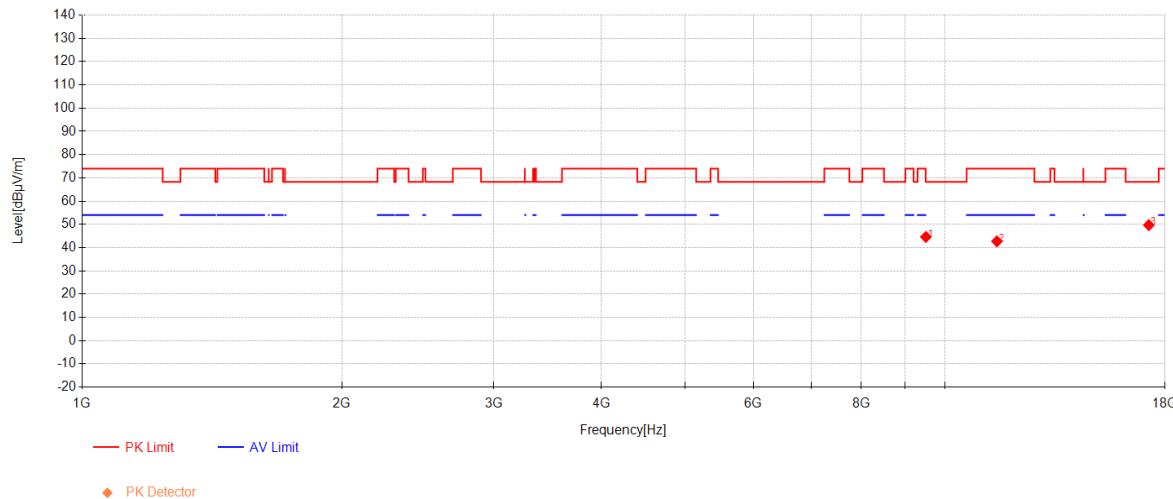
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9505.8333	40.41	37.75	-33.56	44.60	68.30	23.70	Vertical
2	11490	34.29	38.40	-29.98	42.71	74.00	31.29	Vertical
3	17235	35.39	39.46	-25.16	49.70	68.30	18.60	Vertical



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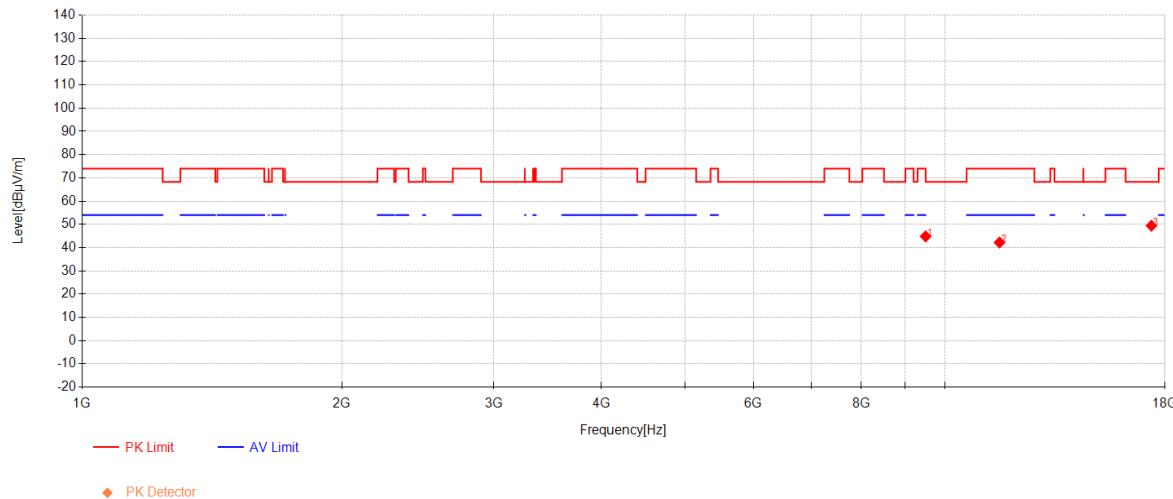
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802.11a ANT0_Channel 157



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9499.5833	40.63	37.75	-33.56	44.82	74.00	29.18	Horizontal
2	11570	33.52	38.40	-29.71	42.21	74.00	31.79	Horizontal
3	17355	35.10	39.75	-25.43	49.43	68.30	18.87	Horizontal



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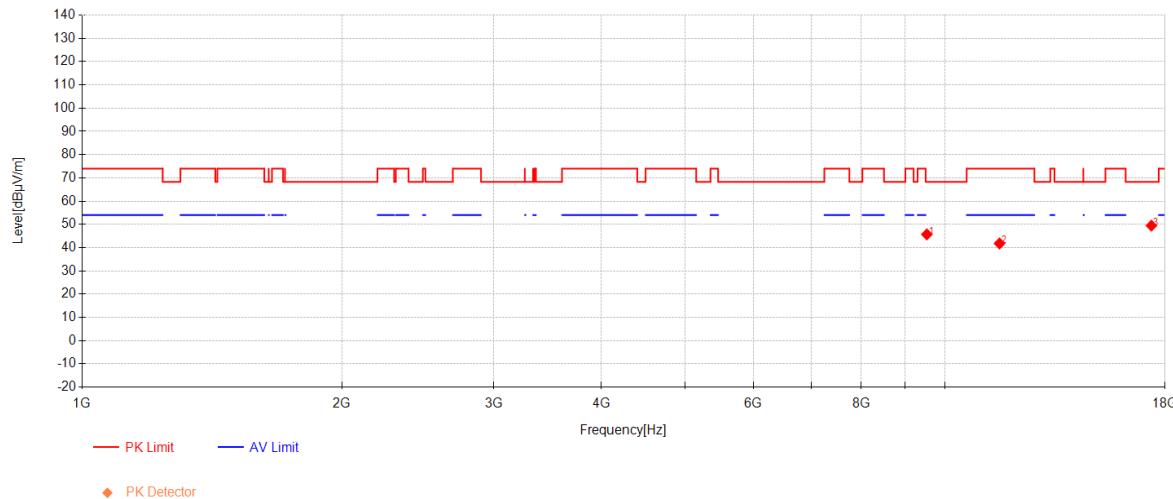
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802.11a ANT0_Channel 157



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9530.4167	41.49	37.76	-33.55	45.70	68.30	22.60	Vertical
2	11570	33.10	38.40	-29.71	41.79	74.00	32.21	Vertical
3	17355	35.14	39.75	-25.43	49.47	68.30	18.83	Vertical



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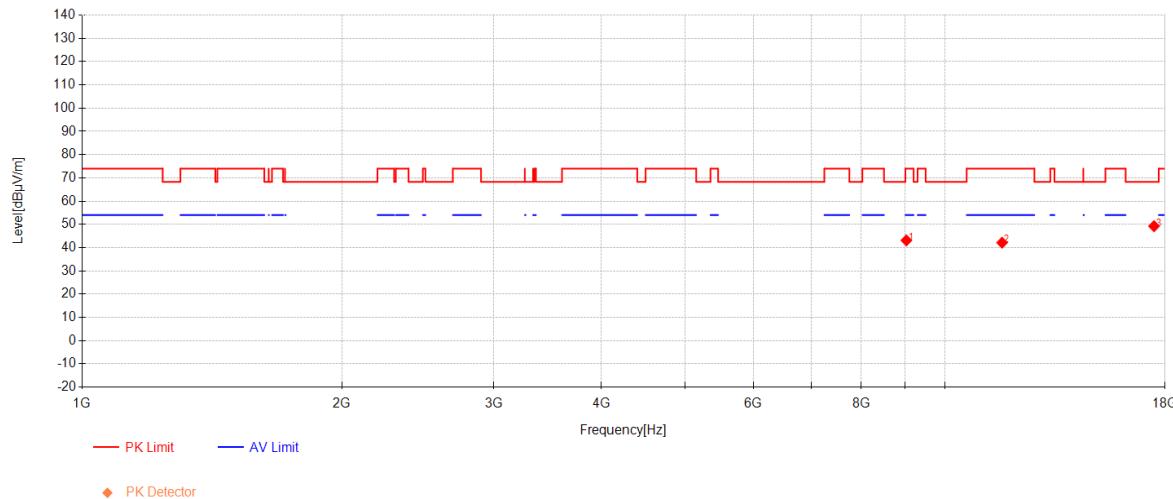
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9023.75	39.97	37.61	-34.47	43.11	74.00	30.89	Horizontal
2	11650	33.32	38.40	-29.59	42.13	74.00	31.87	Horizontal
3	17475	33.37	40.04	-24.16	49.25	68.30	19.05	Horizontal



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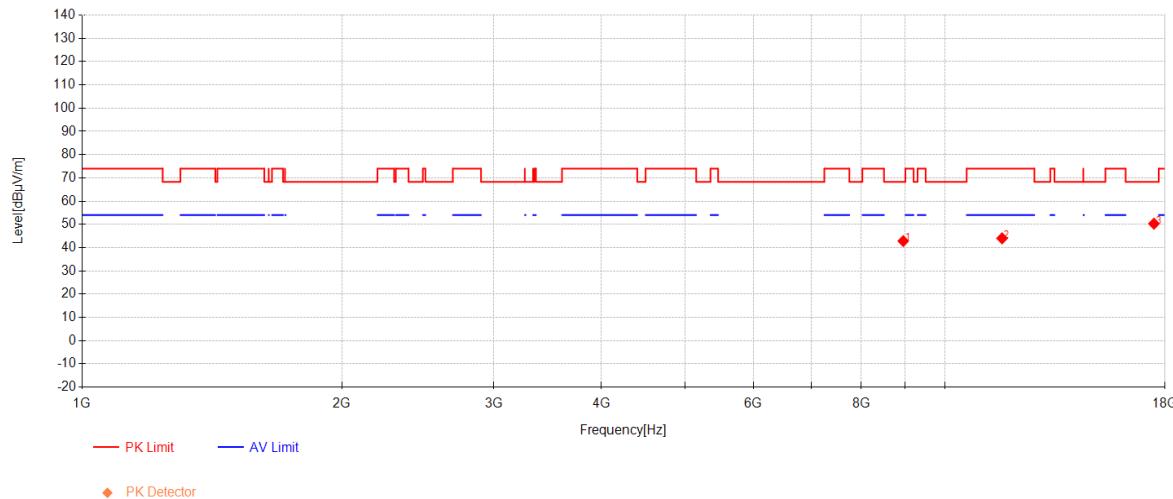
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802.11a ANT0_Channel 165



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]	Polarity
1	8948.75	40.10	37.57	-34.84	42.84	68.30	25.46	Vertical
2	11650	35.19	38.40	-29.59	44.00	74.00	30.00	Vertical
3	17475	34.42	40.04	-24.16	50.30	68.30	18.00	Vertical



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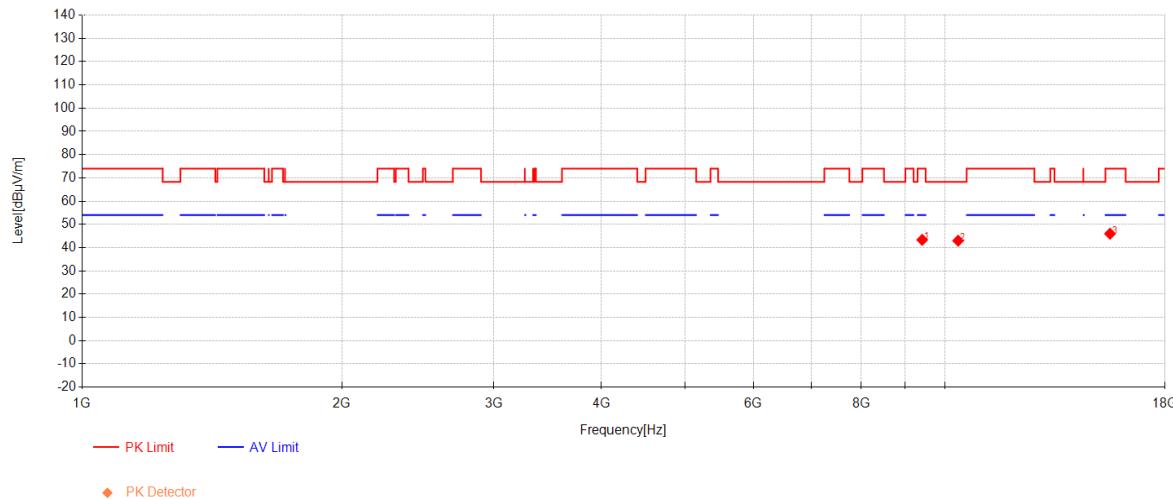
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802.11ac20 MIMO_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9412.9167	39.60	37.72	-33.98	43.35	74.00	30.65	Horizontal
2	10360	36.37	38.08	-31.48	42.97	68.30	25.33	Horizontal
3	15540	34.49	39.07	-27.58	45.98	74.00	28.02	Horizontal



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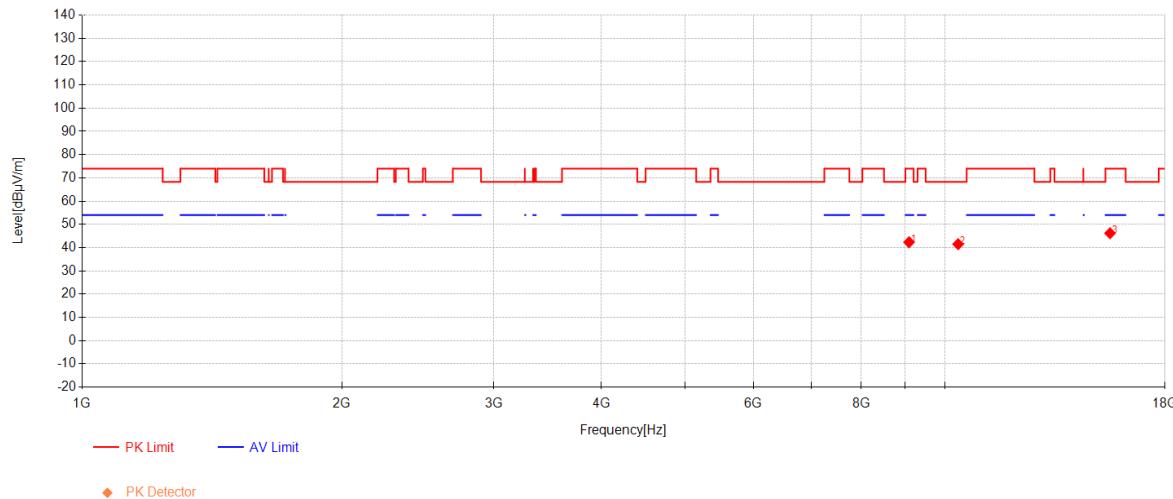
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802.11ac20 MIMO_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9089.5833	39.50	37.63	-34.78	42.35	74.00	31.65	Vertical
2	10360	34.89	38.08	-31.48	41.49	68.30	26.81	Vertical
3	15540	34.71	39.07	-27.58	46.20	74.00	27.80	Vertical



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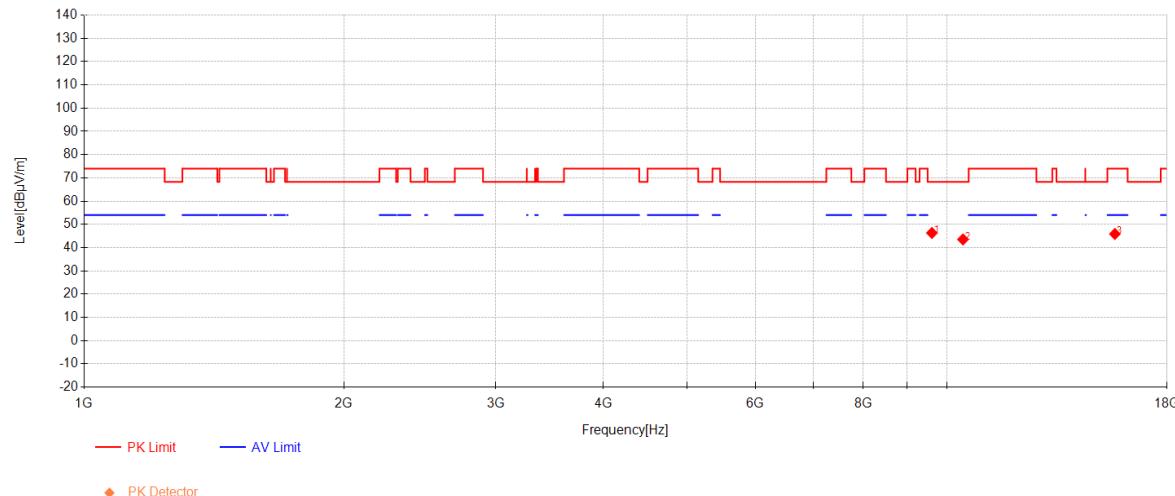
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802.11ac20 MIMO_Channel 44



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9609.1667	42.03	37.78	-33.50	46.31	68.30	21.99	Horizontal
2	10440	36.52	38.12	-31.11	43.53	68.30	24.77	Horizontal
3	15660	34.79	38.85	-27.75	45.89	74.00	28.11	Horizontal



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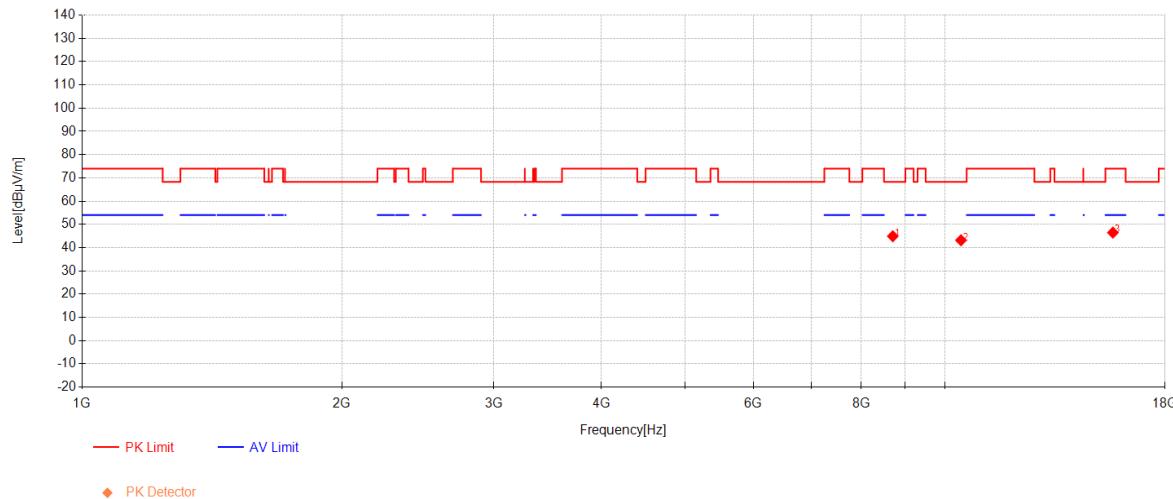
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802.11ac20 MIMO_Channel 44



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]	Polarity
1	8702.9167	42.64	37.45	-35.19	44.90	68.30	23.40	Vertical
2	10440	36.16	38.12	-31.11	43.17	68.30	25.13	Vertical
3	15660	35.36	38.85	-27.75	46.46	74.00	27.54	Vertical



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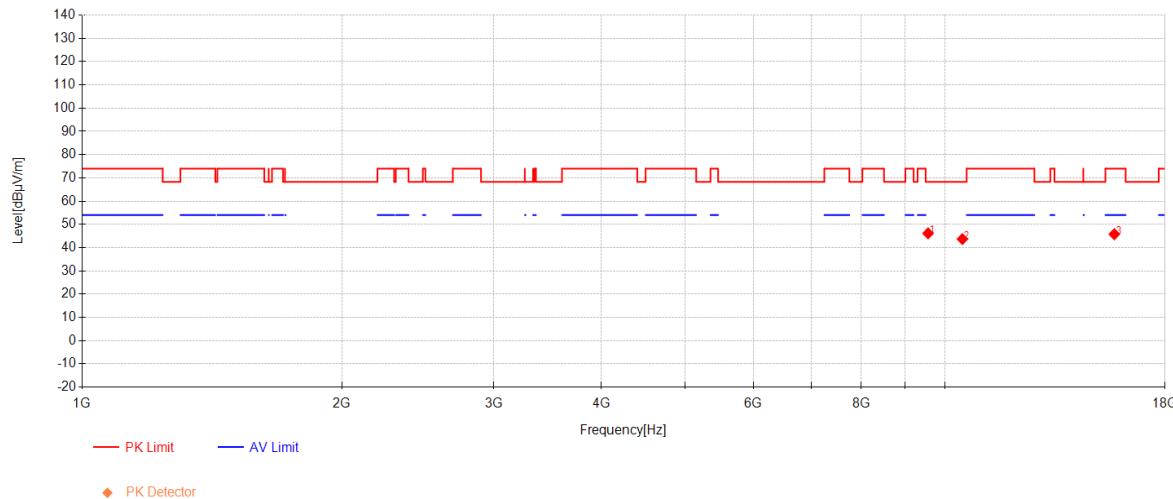
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802.11ac20 MIMO_Channel 48



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9562.9167	41.92	37.77	-33.54	46.15	68.30	22.15	Horizontal
2	10480	36.61	38.14	-31.06	43.69	68.30	24.61	Horizontal
3	15720	34.83	38.73	-27.77	45.79	74.00	28.21	Horizontal



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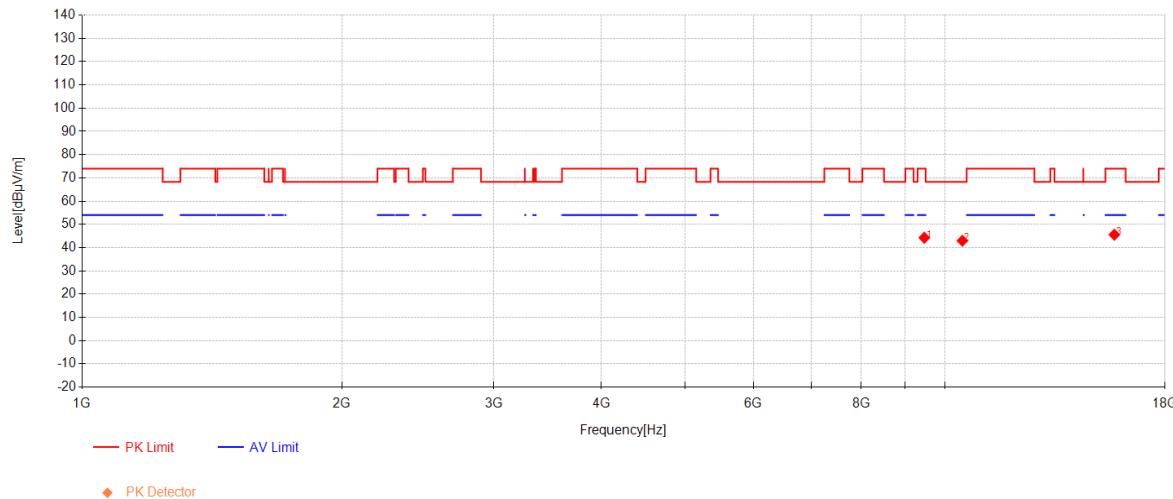
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9467.0833	40.24	37.74	-33.72	44.26	74.00	29.74	Vertical
2	10480	35.89	38.14	-31.06	42.97	68.30	25.33	Vertical
3	15720	34.60	38.73	-27.77	45.56	74.00	28.44	Vertical



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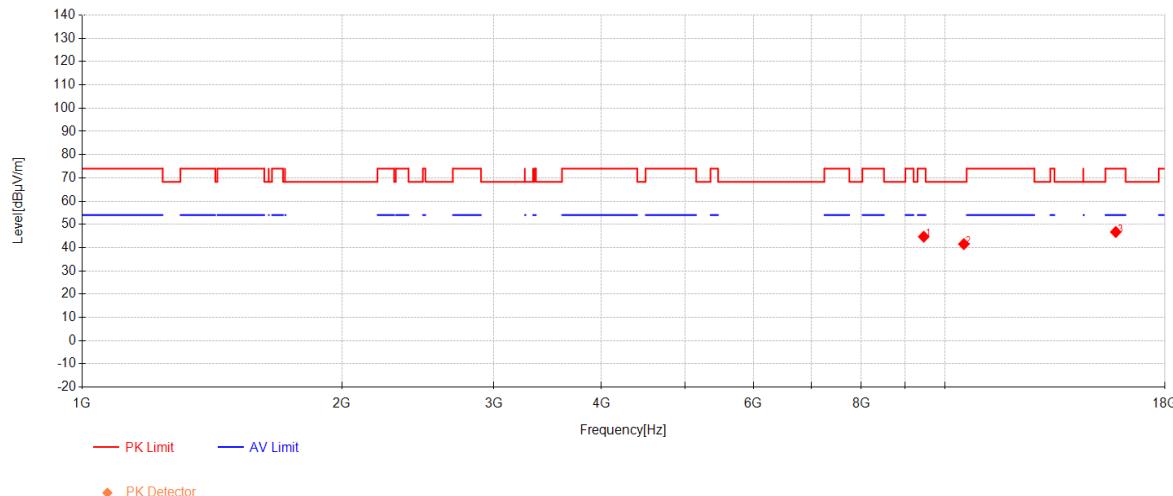
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802.11ac20 MIMO_Channel 52



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	9452.5	40.75	37.74	-33.79	44.70	74.00	29.30	Horizontal
2	10520	34.43	38.16	-31.06	41.53	68.30	26.77	Horizontal
3	15780	35.32	38.62	-27.23	46.71	74.00	27.29	Horizontal



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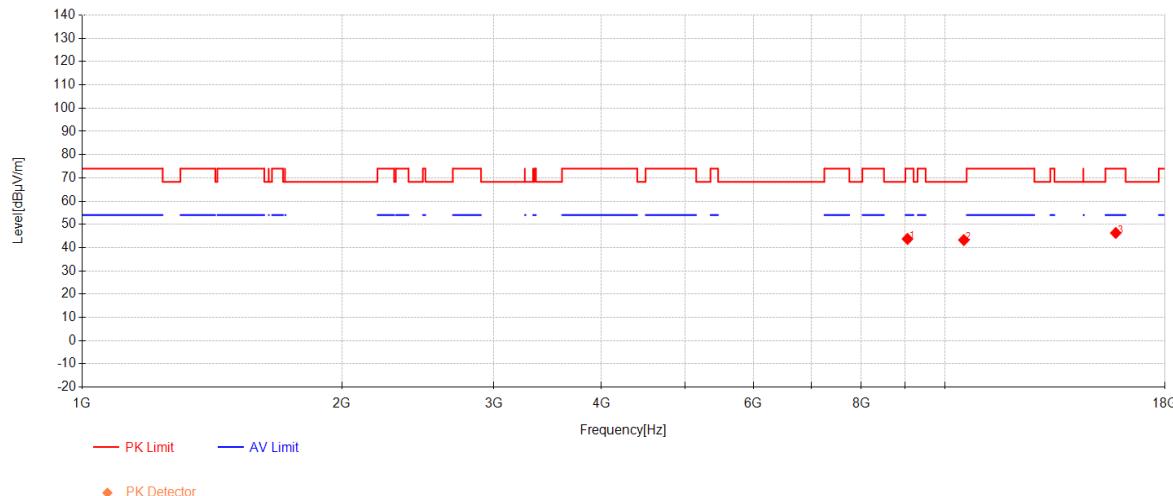
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802.11ac20 MIMO_Channel 52



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9050.8333	40.73	37.62	-34.60	43.75	74.00	30.25	Vertical
2	10520	36.17	38.16	-31.06	43.27	68.30	25.03	Vertical
3	15780	34.91	38.62	-27.23	46.30	74.00	27.70	Vertical



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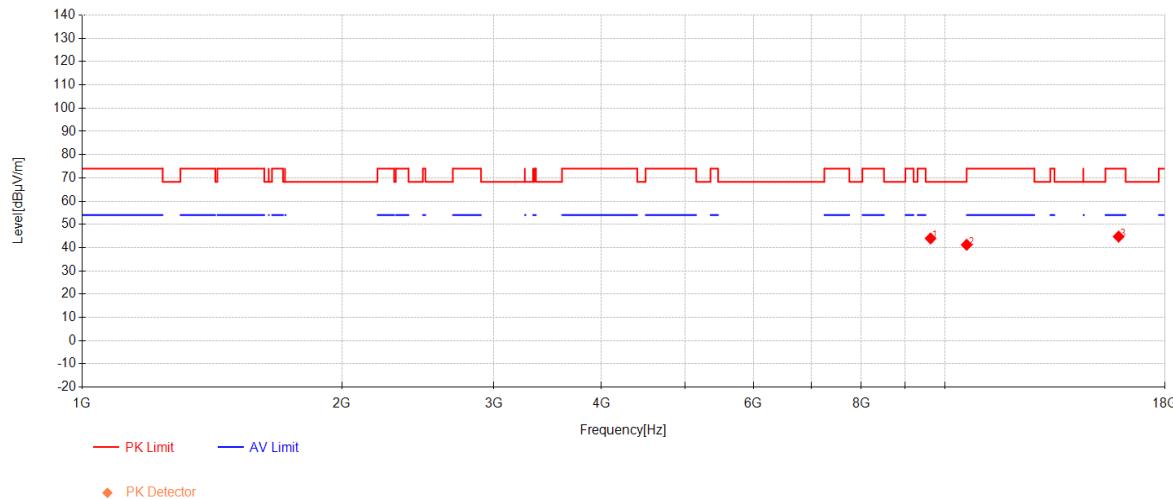
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802.11ac20 MIMO_Channel 60



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9625.8333	39.60	37.79	-33.44	43.94	68.30	24.36	Horizontal
2	10600	34.22	38.20	-31.20	41.22	68.30	27.08	Horizontal
3	15900	33.85	38.39	-27.48	44.76	74.00	29.24	Horizontal



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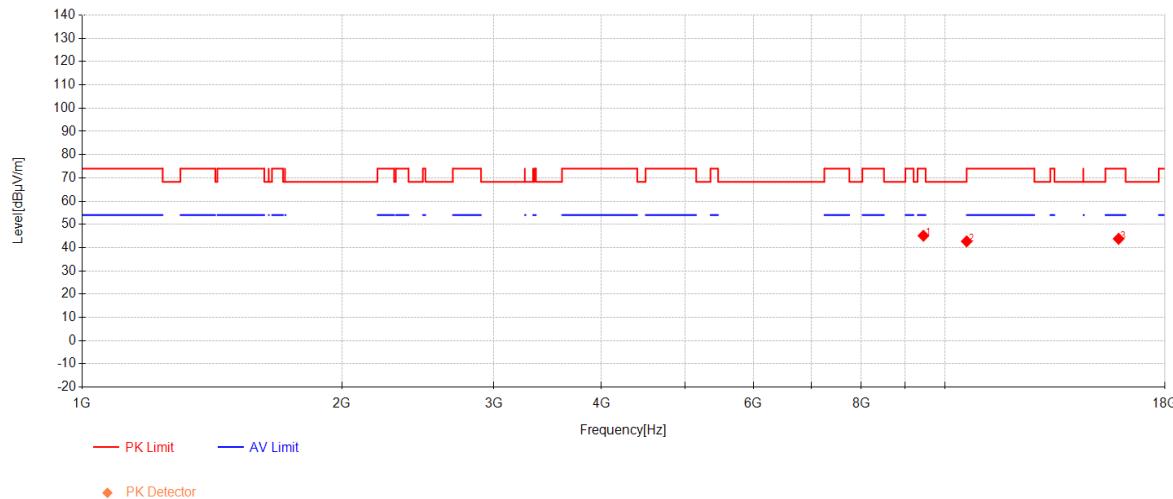
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802.11ac20 MIMO_Channel 60



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	9444.1667	41.21	37.73	-33.83	45.12	74.00	28.88	Vertical
2	10600	35.70	38.20	-31.20	42.70	68.30	25.60	Vertical
3	15900	32.90	38.39	-27.48	43.81	74.00	30.19	Vertical



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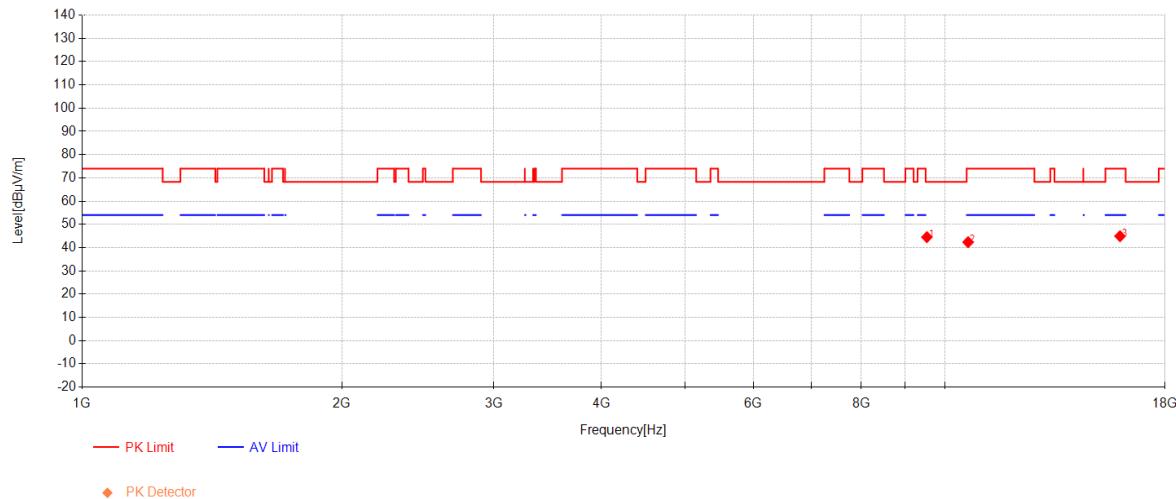
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802.11ac20 MIMO_Channel 64



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9531.6667	40.30	37.76	-33.55	44.51	68.30	23.79	Horizontal
2	10640	34.97	38.22	-30.84	42.35	74.00	31.65	Horizontal
3	15960	34.09	38.28	-27.45	44.92	74.00	29.08	Horizontal



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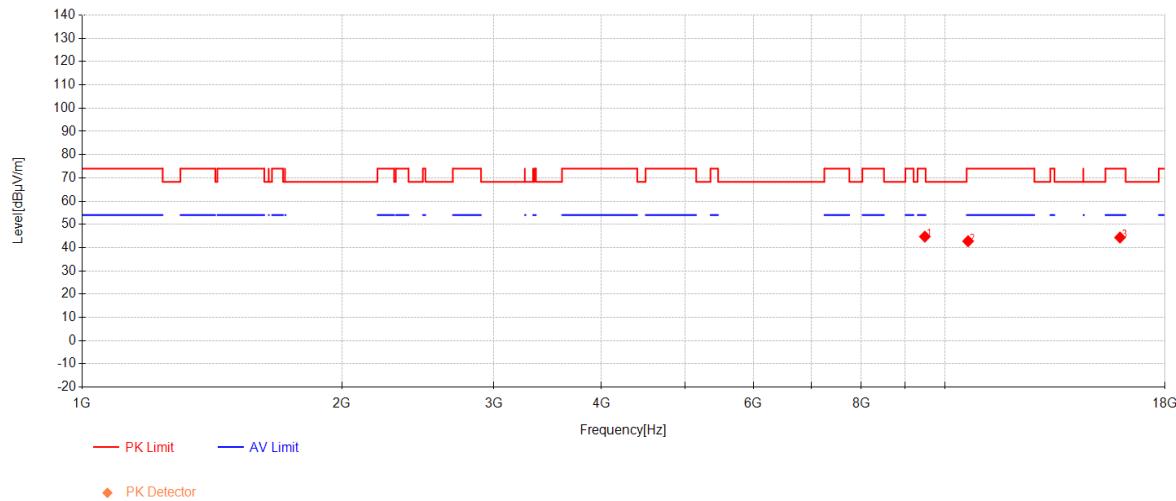
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9480.4167	40.65	37.74	-33.65	44.74	74.00	29.26	Vertical
2	10640	35.40	38.22	-30.84	42.78	74.00	31.22	Vertical
3	15960	33.53	38.28	-27.45	44.36	74.00	29.64	Vertical



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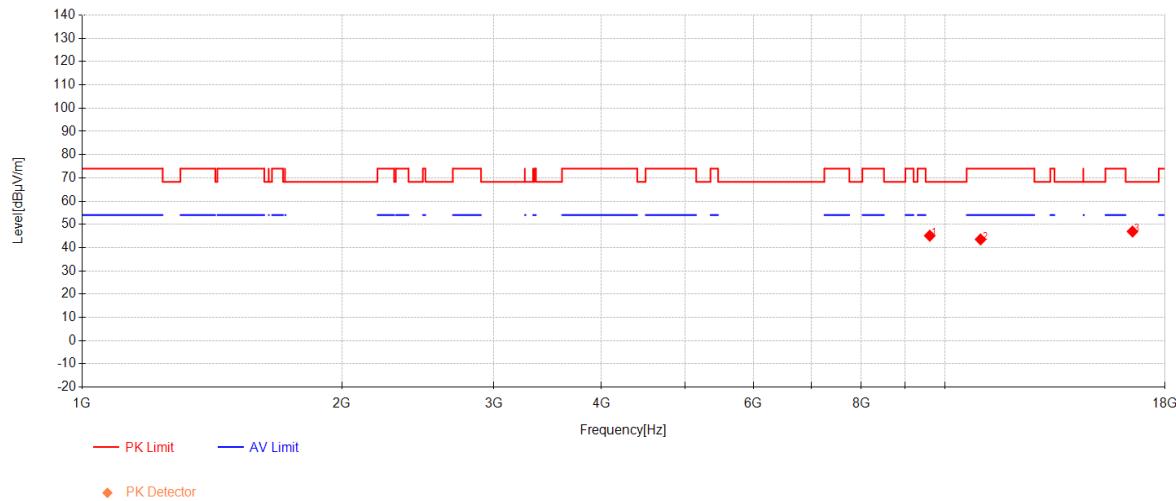
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802.11ac20 MIMO_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9604.5833	40.86	37.78	-33.51	45.13	68.30	23.17	Horizontal
2	11000	35.64	38.40	-30.50	43.54	74.00	30.46	Horizontal
3	16500	34.97	38.55	-26.60	46.92	68.30	21.38	Horizontal



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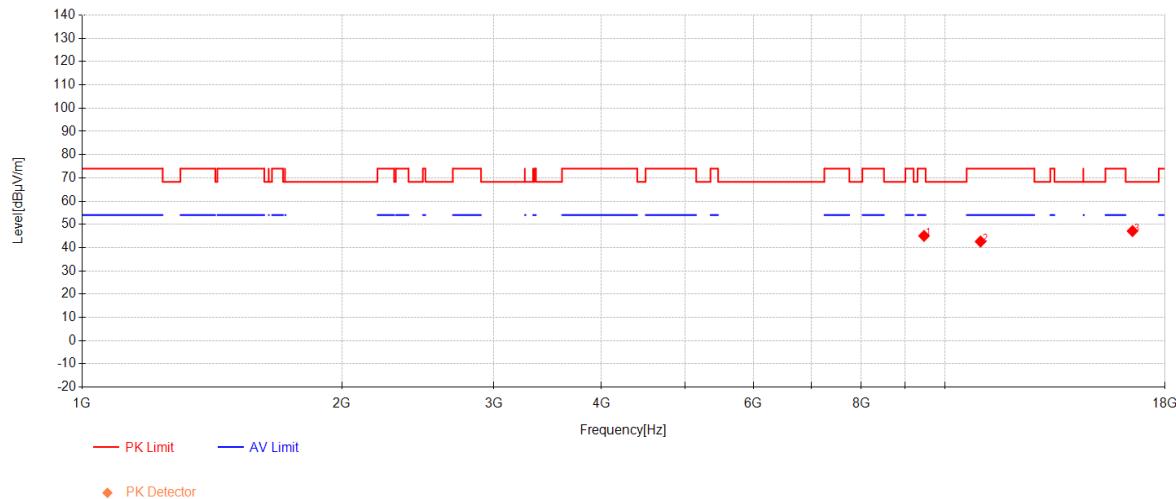
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802.11ac20 MIMO_Channel 100



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9459.5833	41.07	37.74	-33.75	45.05	74.00	28.95	Vertical
2	11000	34.73	38.40	-30.50	42.63	74.00	31.37	Vertical
3	16500	35.18	38.55	-26.60	47.13	68.30	21.17	Vertical



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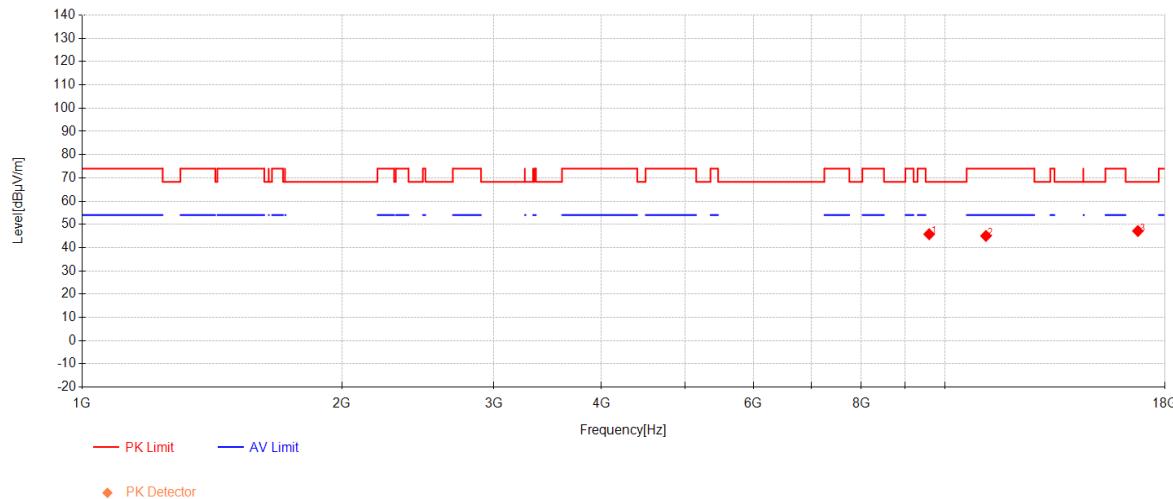
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802.11ac20 MIMO_Channel 116



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]	Polarity
1	9590.8333	41.53	37.78	-33.53	45.77	68.30	22.53	Horizontal
2	11160	36.74	38.40	-30.10	45.04	74.00	28.96	Horizontal
3	16740	34.95	38.72	-26.51	47.15	68.30	21.15	Horizontal



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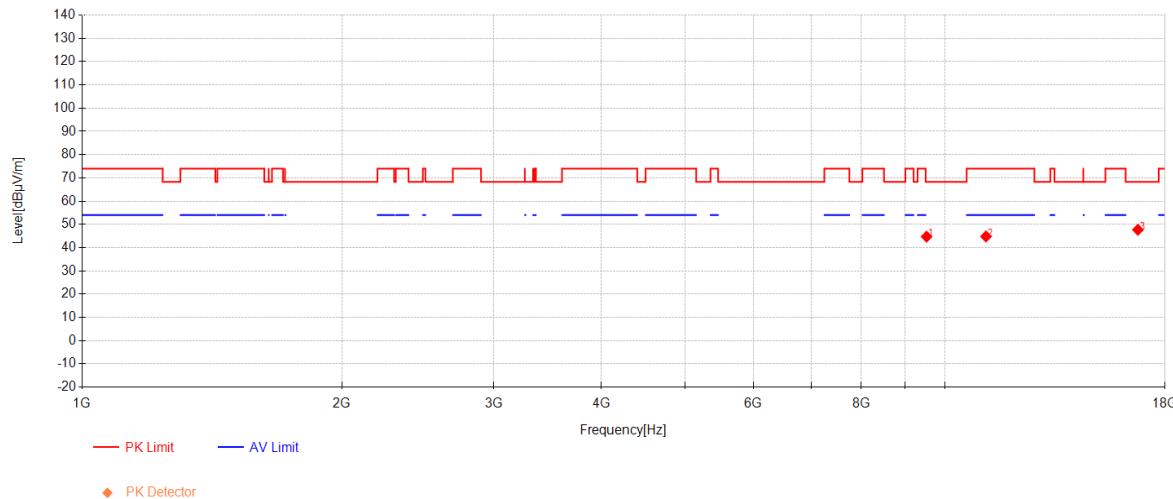
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9523.75	40.52	37.76	-33.55	44.72	68.30	23.58	Vertical
2	11160	36.52	38.40	-30.10	44.82	74.00	29.18	Vertical
3	16740	35.49	38.72	-26.51	47.69	68.30	20.61	Vertical



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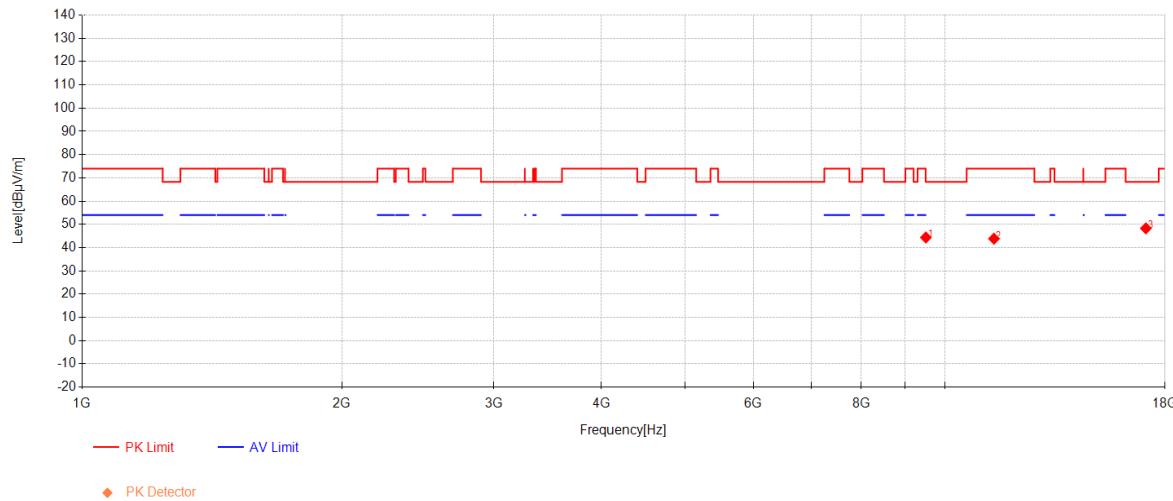
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802.11ac20 MIMO_Channel 140



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9506.25	40.17	37.75	-33.56	44.36	68.30	23.94	Horizontal
2	11400	35.30	38.40	-29.86	43.84	74.00	30.16	Horizontal
3	17100	35.14	39.14	-25.99	48.29	68.30	20.01	Horizontal



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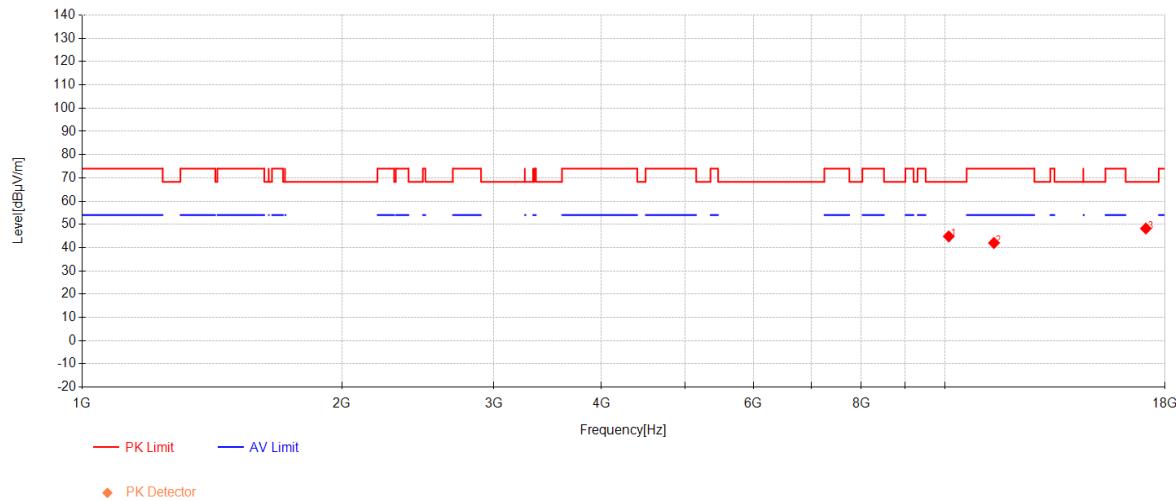
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	10104.1667	39.11	37.95	-32.23	44.83	68.30	23.47	Vertical
2	11400	33.48	38.40	-29.86	42.02	74.00	31.98	Vertical
3	17100	35.07	39.14	-25.99	48.22	68.30	20.08	Vertical



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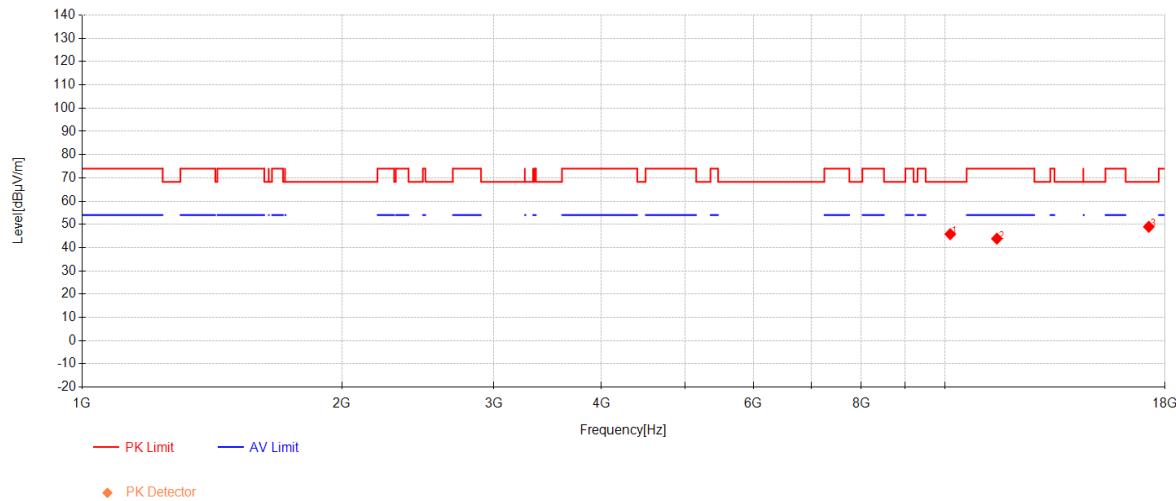
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	10143.75	39.78	37.97	-31.94	45.81	68.30	22.49	Horizontal
2	11490	35.43	38.40	-29.98	43.85	74.00	30.15	Horizontal
3	17235	34.66	39.46	-25.16	48.97	68.30	19.33	Horizontal



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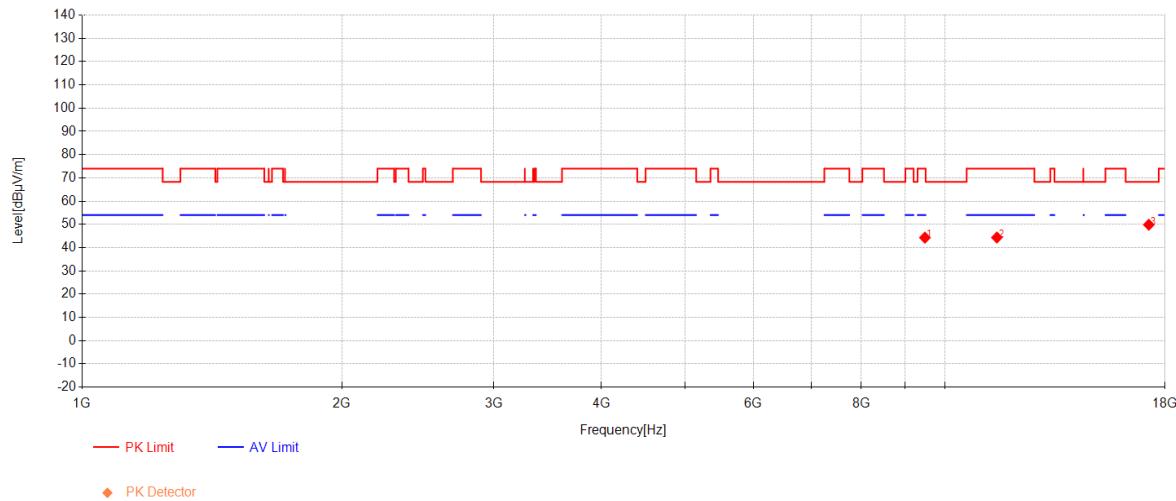
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802.11ac20 MIMO_Channel 149



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	9482.5	40.20	37.74	-33.64	44.30	74.00	29.70	Vertical
2	11490	35.94	38.40	-29.98	44.36	74.00	29.64	Vertical
3	17235	35.53	39.46	-25.16	49.84	68.30	18.46	Vertical



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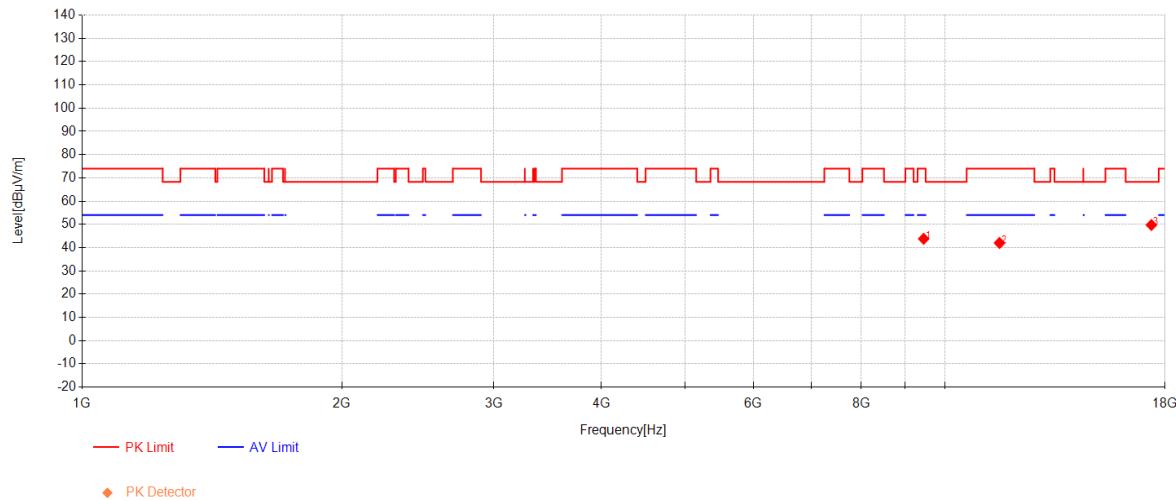
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802.11ac20 MIMO_Channel 157



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9450	39.87	37.73	-33.80	43.80	74.00	30.20	Horizontal
2	11570	33.32	38.40	-29.71	42.01	74.00	31.99	Horizontal
3	17355	35.40	39.75	-25.43	49.73	68.30	18.57	Horizontal



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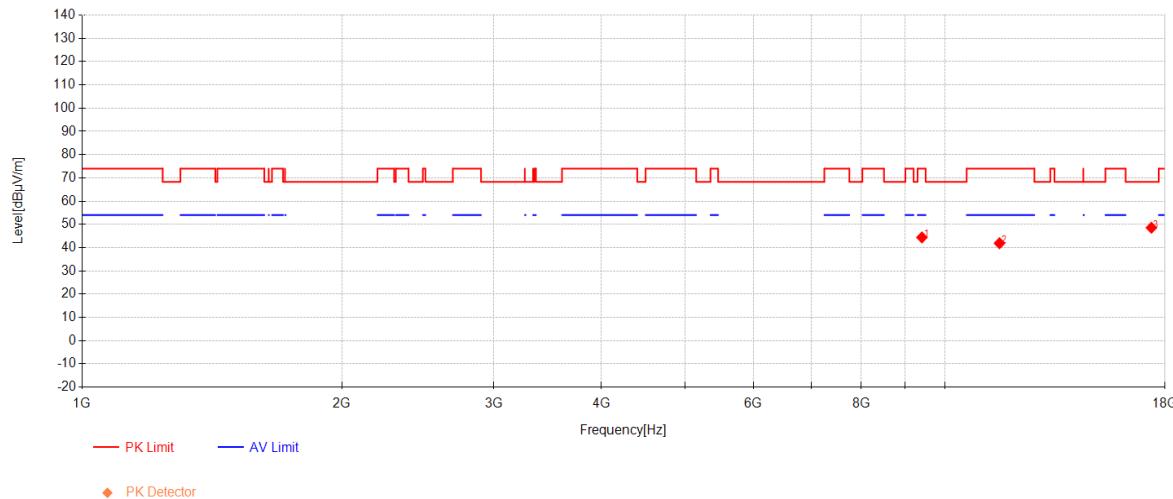
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802.11ac20 MIMO_Channel 157



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	9406.6667	40.68	37.72	-34.01	44.39	74.00	29.61	Vertical
2	11570	33.21	38.40	-29.71	41.90	74.00	32.10	Vertical
3	17355	34.24	39.75	-25.43	48.57	68.30	19.73	Vertical



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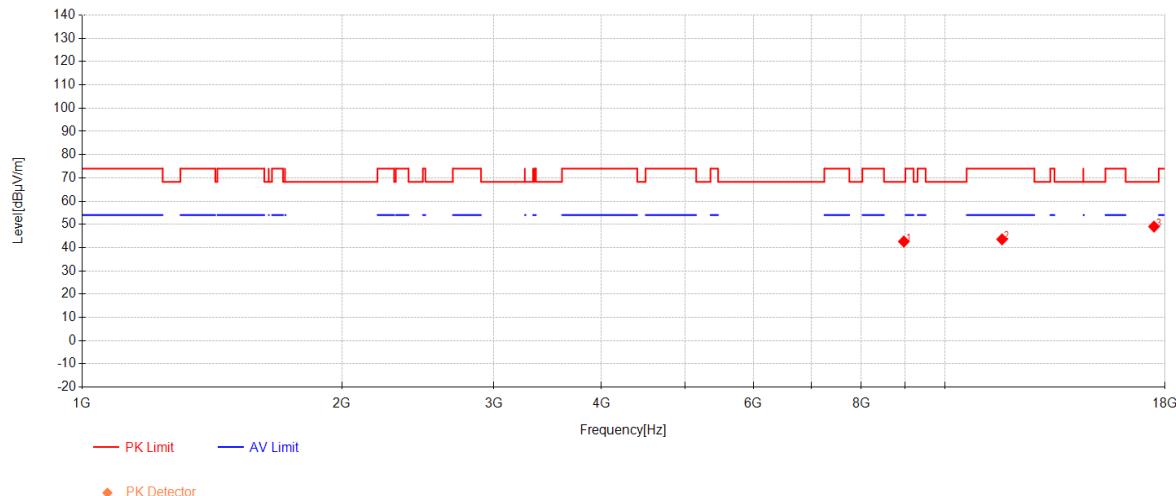
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802.11ac20 MIMO_Channel 165



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	8963.3333	39.75	37.58	-34.70	42.63	68.30	25.67	Horizontal
2	11650	34.77	38.40	-29.59	43.58	74.00	30.42	Horizontal
3	17475	33.16	40.04	-24.16	49.04	68.30	19.26	Horizontal



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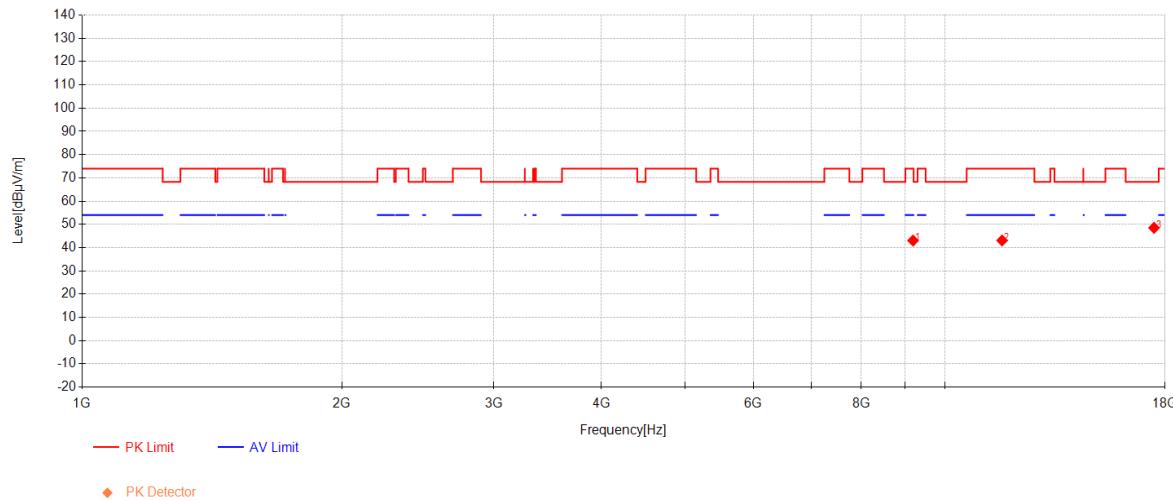
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9186.25	39.77	37.66	-34.39	43.04	74.00	30.96	Vertical
2	11650	34.27	38.40	-29.59	43.08	74.00	30.92	Vertical
3	17475	32.63	40.04	-24.16	48.51	68.30	19.79	Vertical



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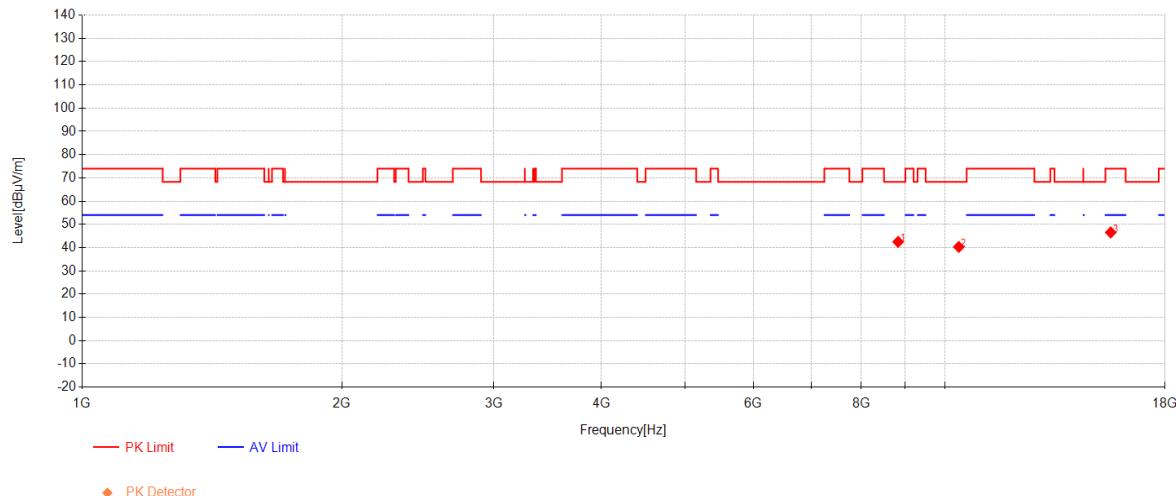
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802.11ac40 MIMO_Channel 38



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]	Polarity
1	8828.3333	39.91	37.51	-34.94	42.49	68.30	25.81	Horizontal
2	10380	33.54	38.09	-31.32	40.31	68.30	27.99	Horizontal
3	15570	35.03	39.02	-27.52	46.53	74.00	27.47	Horizontal



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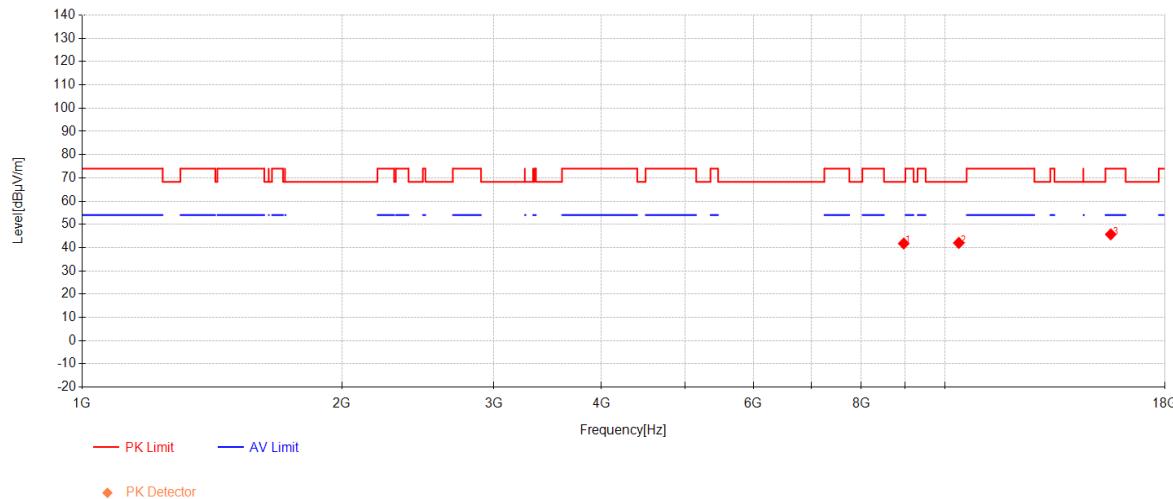
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	8960	38.91	37.58	-34.73	41.76	68.30	26.54	Vertical
2	10380	35.26	38.09	-31.32	42.03	68.30	26.27	Vertical
3	15570	34.20	39.02	-27.52	45.70	74.00	28.30	Vertical



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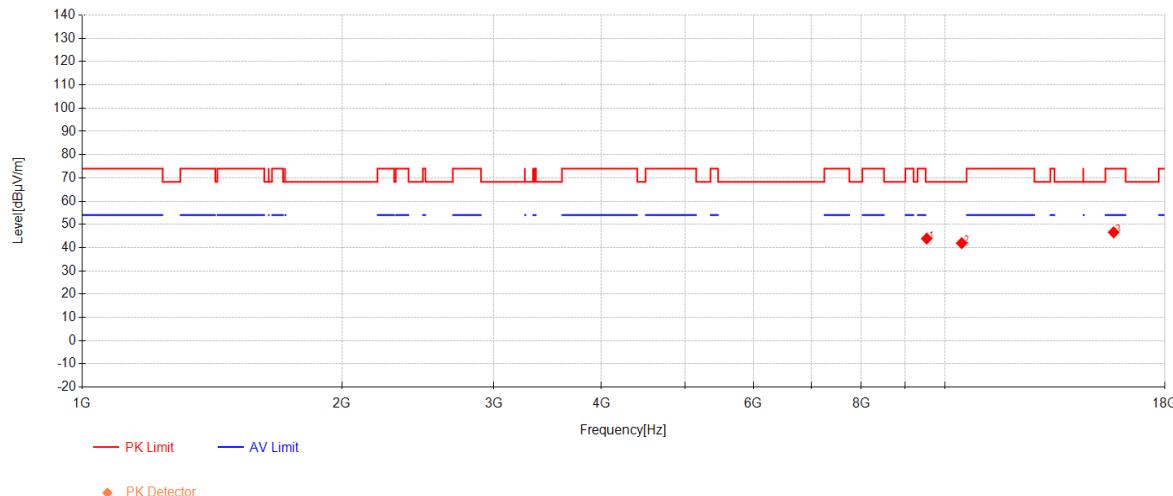
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802.11ac40 MIMO_Channel 46



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9527.5	39.68	37.76	-33.55	43.89	68.30	24.41	Horizontal
2	10460	34.88	38.13	-31.08	41.93	68.30	26.37	Horizontal
3	15690	35.68	38.79	-27.90	46.57	74.00	27.43	Horizontal



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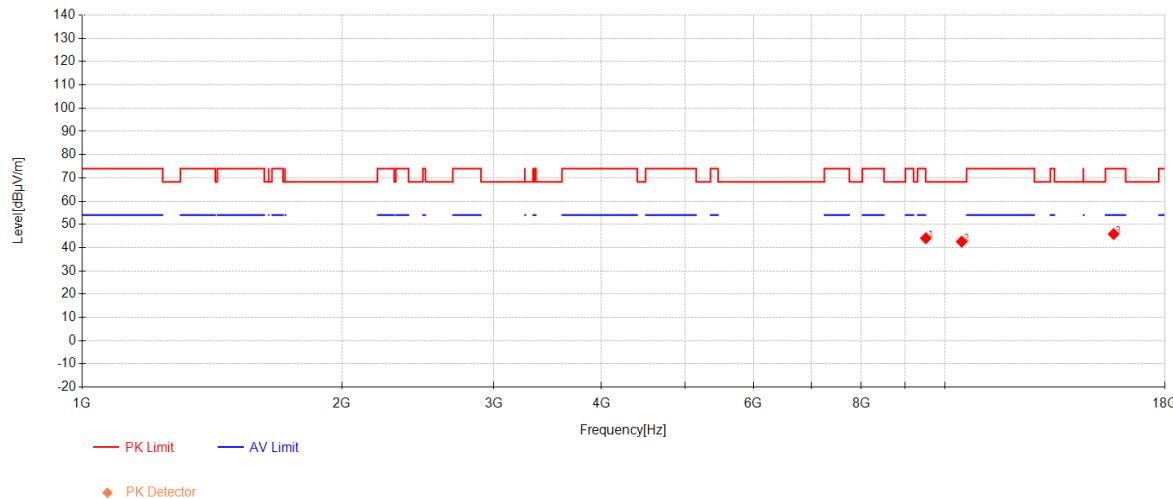
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9505.4167	39.87	37.75	-33.56	44.06	68.30	24.24	Vertical
2	10460	35.53	38.13	-31.08	42.58	68.30	25.72	Vertical
3	15690	34.96	38.79	-27.90	45.85	74.00	28.15	Vertical



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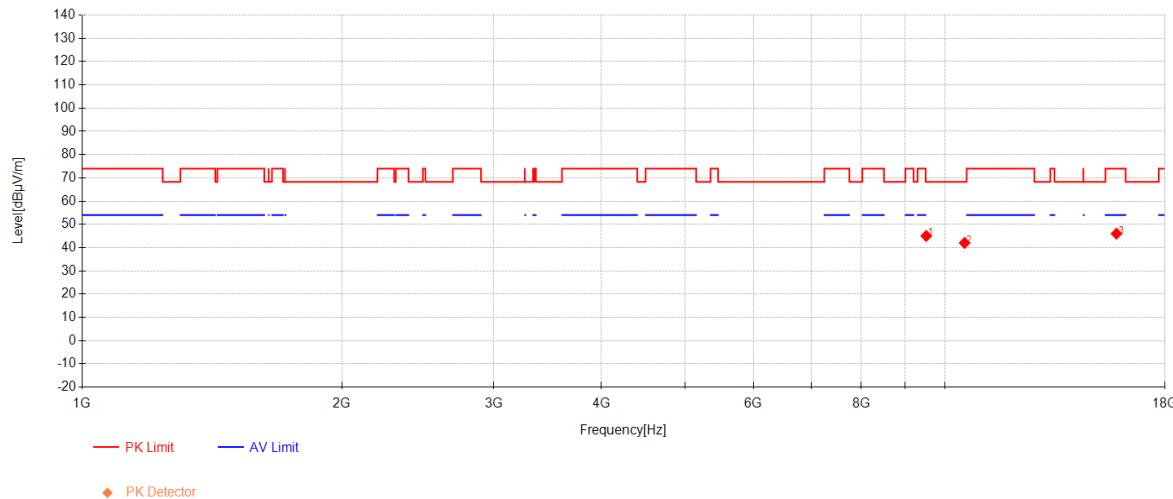
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802.11ac40 MIMO_Channel 54



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9515.8333	40.82	37.75	-33.56	45.02	68.30	23.28	Horizontal
2	10540	34.96	38.17	-31.10	42.03	68.30	26.27	Horizontal
3	15810	34.55	38.56	-27.09	46.02	74.00	27.98	Horizontal



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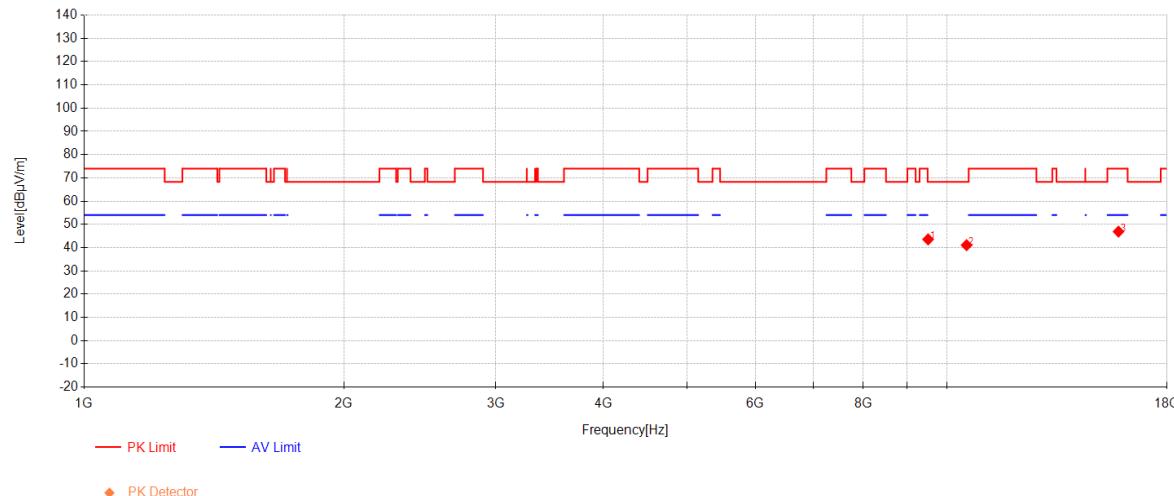
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802.11ac40 MIMO_Channel 54



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9511.25	39.35	37.75	-33.56	43.55	68.30	24.75	Vertical
2	10540	34.00	38.17	-31.10	41.07	68.30	27.23	Vertical
3	15810	35.42	38.56	-27.09	46.89	74.00	27.11	Vertical



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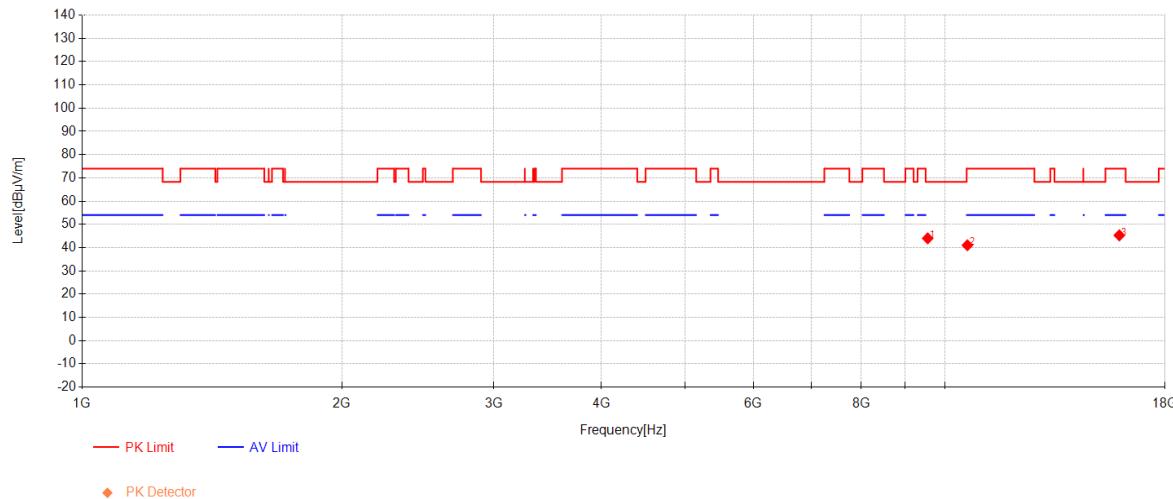
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802.11ac40 MIMO_Channel 62

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	9552.5	39.78	37.77	-33.54	44.00	68.30	24.30	Horizontal
2	10620	33.84	38.21	-31.02	41.03	74.00	32.97	Horizontal
3	15930	34.43	38.33	-27.47	45.30	74.00	28.70	Horizontal



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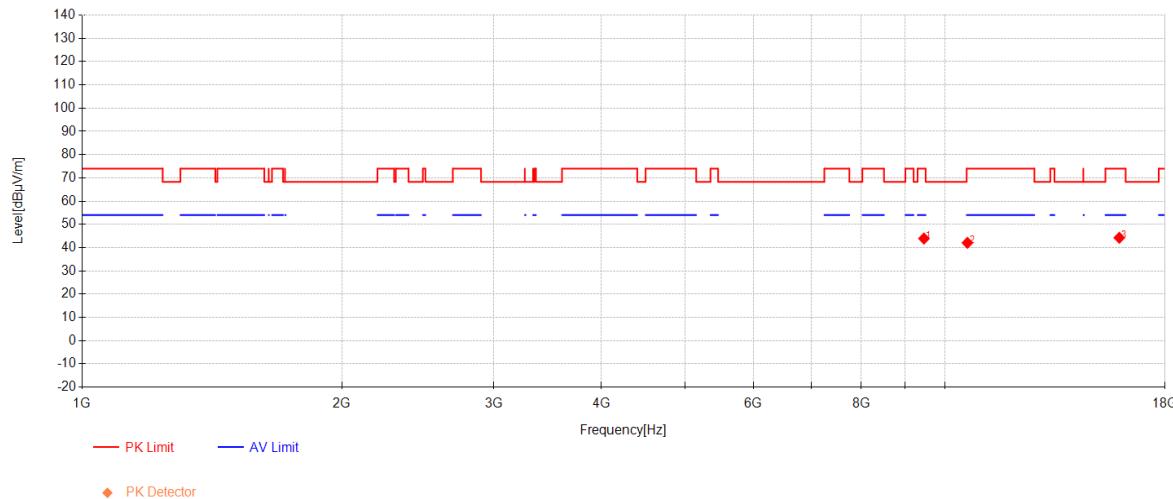
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802.11ac40 MIMO_Channel 62



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9457.5	39.94	37.74	-33.76	43.91	74.00	30.09	Vertical
2	10620	34.88	38.21	-31.02	42.07	74.00	31.93	Vertical
3	15930	33.37	38.33	-27.47	44.24	74.00	29.76	Vertical



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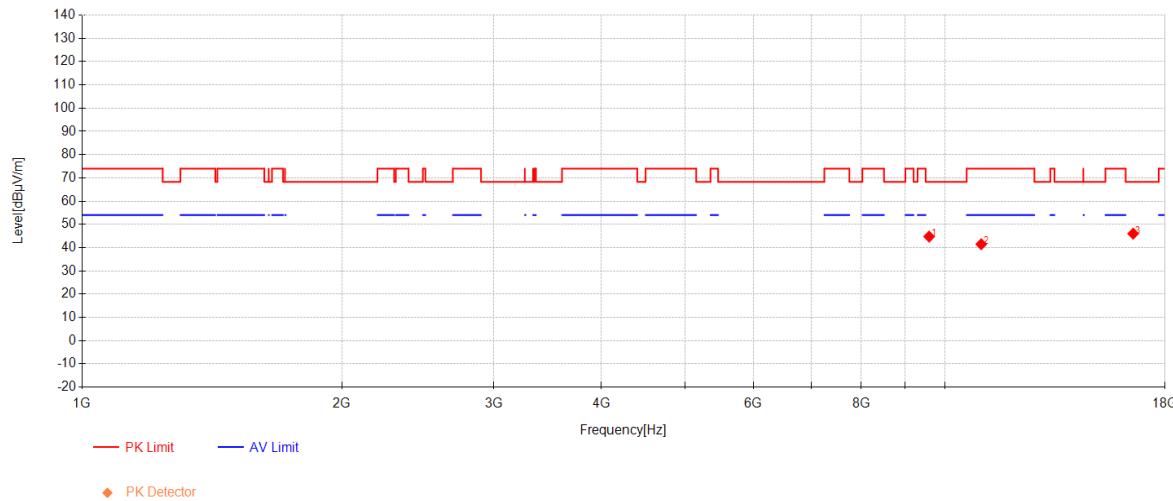
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802.11ac40 MIMO_Channel 102



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	9589.1667	40.52	37.78	-33.53	44.76	68.30	23.54	Horizontal
2	11020	33.54	38.40	-30.46	41.48	74.00	32.52	Horizontal
3	16530	34.02	38.57	-26.56	46.03	68.30	22.27	Horizontal



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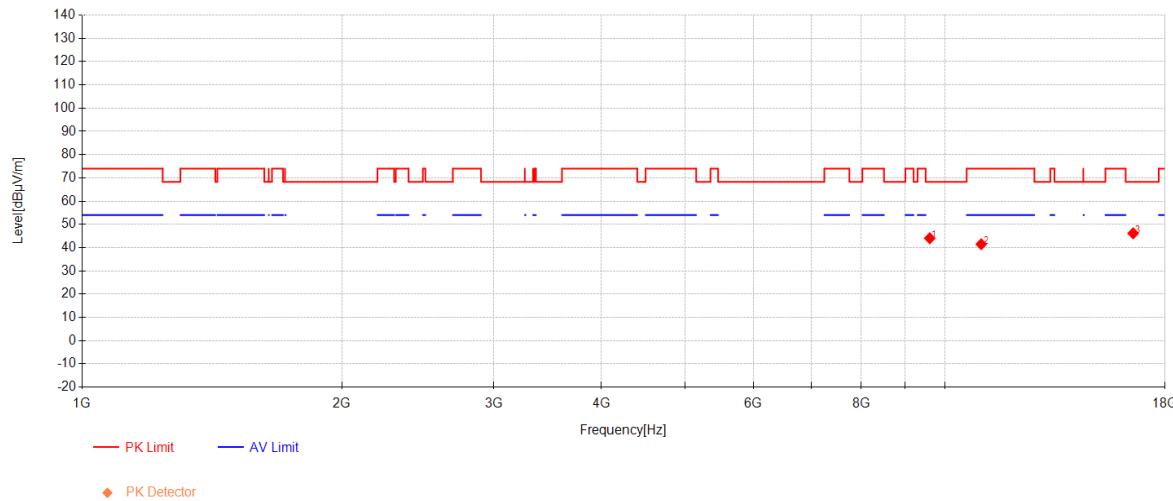
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802.11ac40 MIMO_Channel 102



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	9604.5833	39.77	37.78	-33.51	44.04	68.30	24.26	Vertical
2	11020	33.54	38.40	-30.46	41.48	74.00	32.52	Vertical
3	16530	34.15	38.57	-26.56	46.16	68.30	22.14	Vertical



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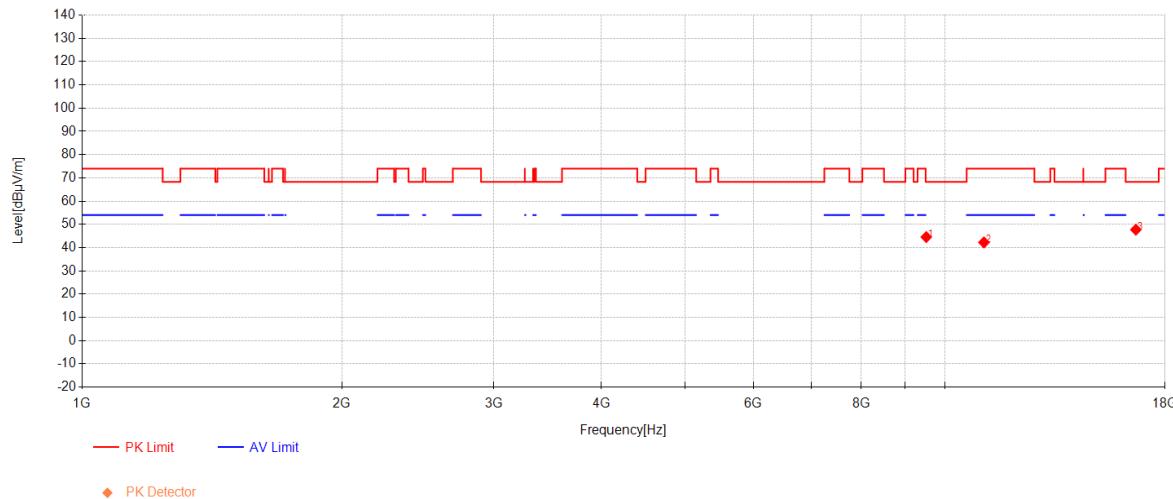
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802.11ac40 MIMO_Channel 110



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9515.8333	40.35	37.75	-33.56	44.55	68.30	23.75	Horizontal
2	11100	34.17	38.40	-30.32	42.25	74.00	31.75	Horizontal
3	16650	35.68	38.65	-26.61	47.73	68.30	20.57	Horizontal



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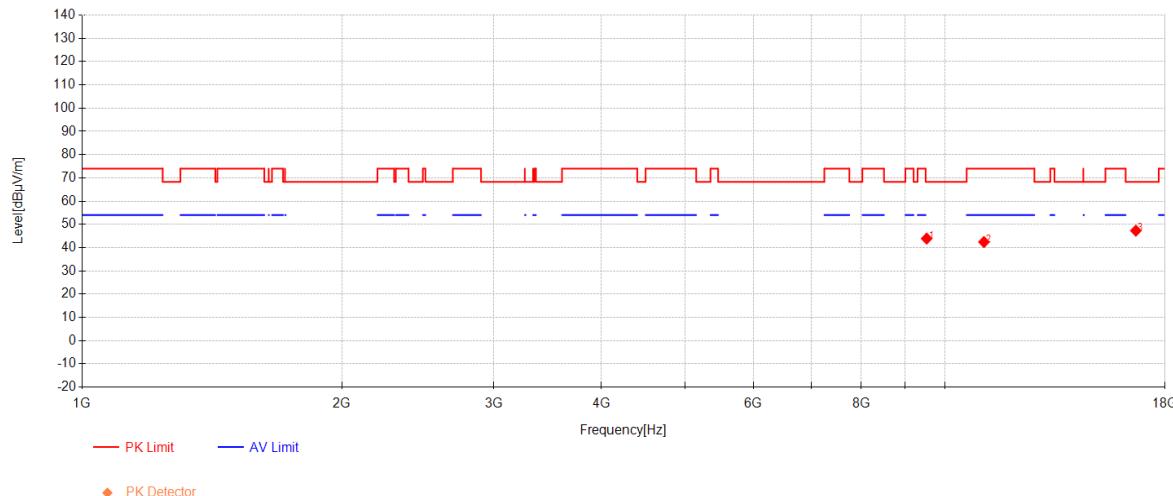
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9527.0833	39.68	37.76	-33.55	43.89	68.30	24.41	Vertical
2	11100	34.34	38.40	-30.32	42.42	74.00	31.58	Vertical
3	16650	35.25	38.65	-26.61	47.30	68.30	21.00	Vertical



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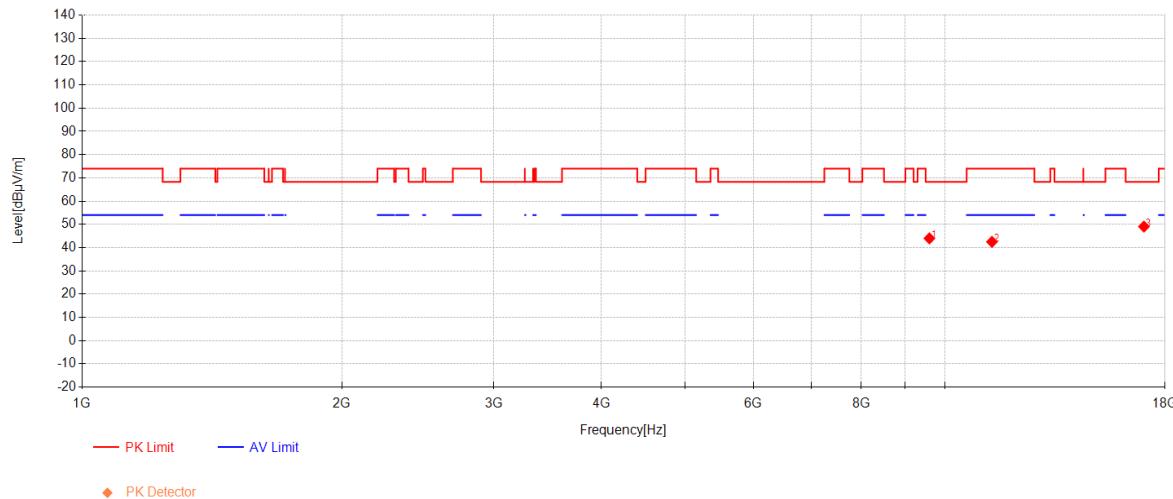
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802.11ac40 MIMO_Channel 134



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9597.0833	39.73	37.78	-33.53	43.98	68.30	24.32	Horizontal
2	11340	34.33	38.40	-30.24	42.49	74.00	31.51	Horizontal
3	17010	35.46	38.92	-25.32	49.06	68.30	19.24	Horizontal



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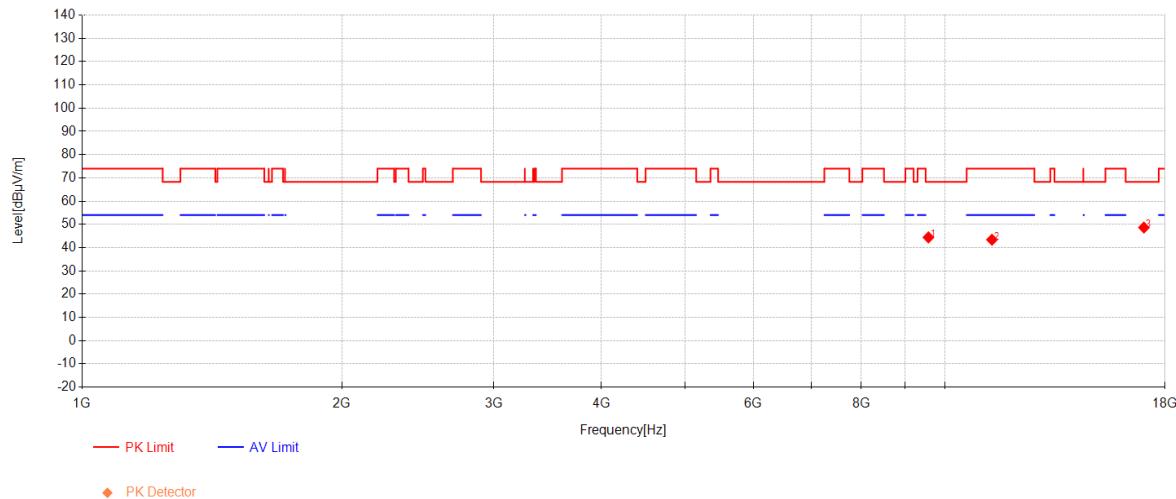
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9571.25	40.17	37.77	-33.54	44.40	68.30	23.90	Vertical
2	11340	35.25	38.40	-30.24	43.41	74.00	30.59	Vertical
3	17010	35.04	38.92	-25.32	48.64	68.30	19.66	Vertical



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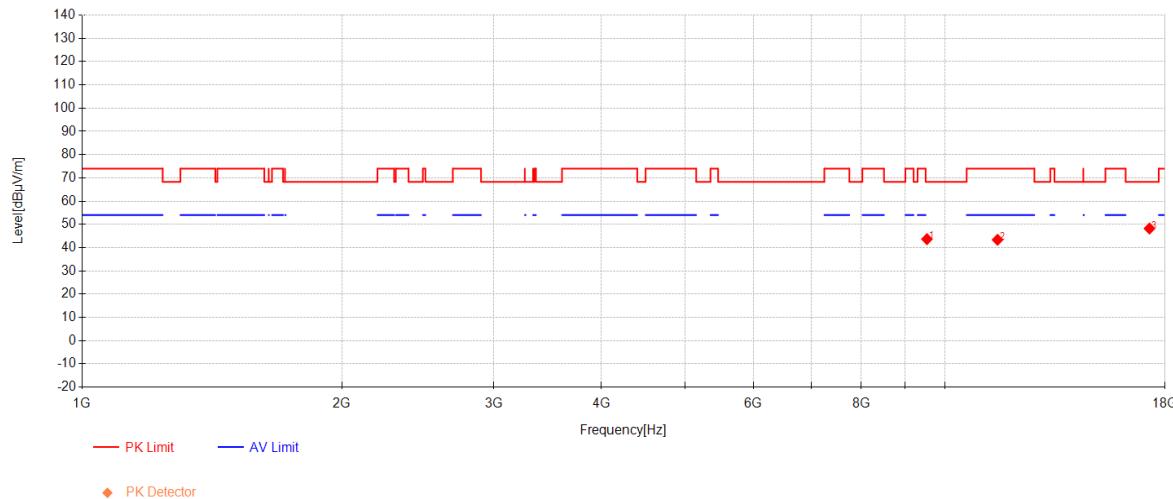
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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9533.3333	39.44	37.76	-33.55	43.65	68.30	24.65	Horizontal
2	11510	34.93	38.40	-29.95	43.38	74.00	30.62	Horizontal
3	17265	34.14	39.54	-25.45	48.22	68.30	20.08	Horizontal



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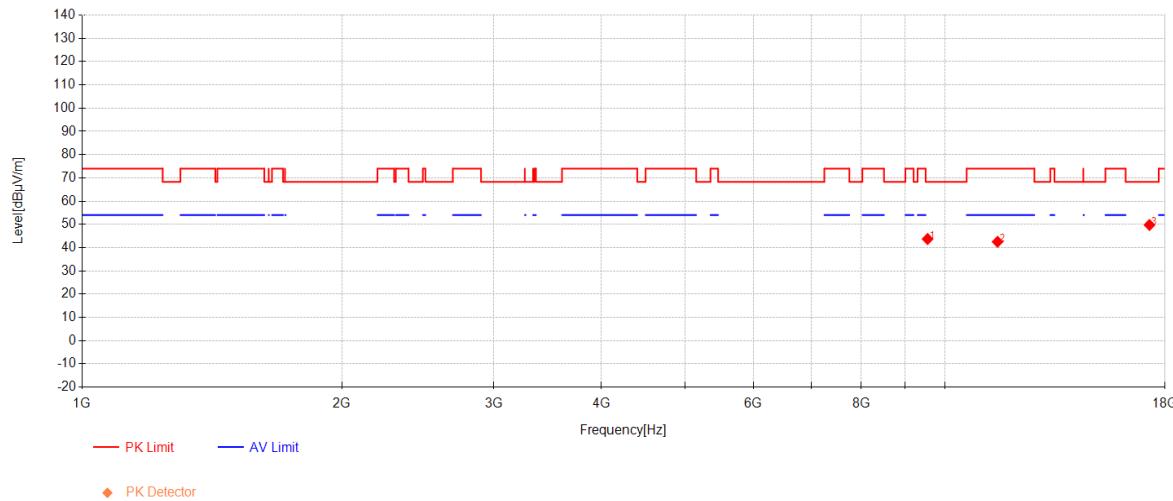
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802.11ac40 MIMO_Channel 151



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]	Polarity
1	9549.1667	39.48	37.76	-33.55	43.70	68.30	24.60	Vertical
2	11510	34.07	38.40	-29.95	42.52	74.00	31.48	Vertical
3	17265	35.66	39.54	-25.45	49.74	68.30	18.56	Vertical



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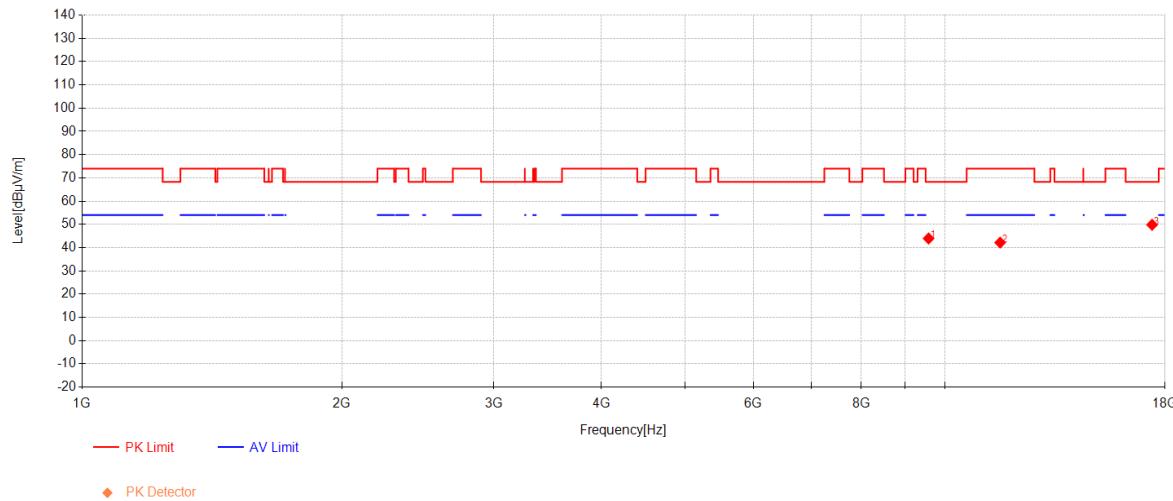
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802.11ac40 MIMO_Channel 159



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9575.4167	39.69	37.77	-33.54	43.93	68.30	24.37	Horizontal
2	11590	33.41	38.40	-29.63	42.18	74.00	31.82	Horizontal
3	17385	35.23	39.82	-25.22	49.83	68.30	18.47	Horizontal



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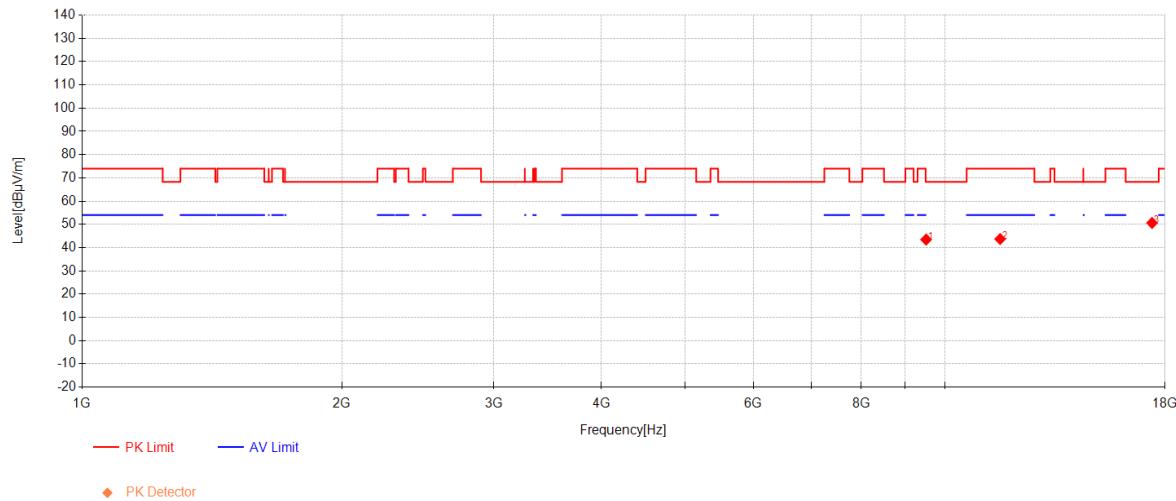
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802.11ac40 MIMO_Channel 159



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]	Polarity
1	9512.0833	39.27	37.75	-33.56	43.47	68.30	24.83	Vertical
2	11590	34.93	38.40	-29.63	43.70	74.00	30.30	Vertical
3	17385	36.02	39.82	-25.22	50.62	68.30	17.68	Vertical



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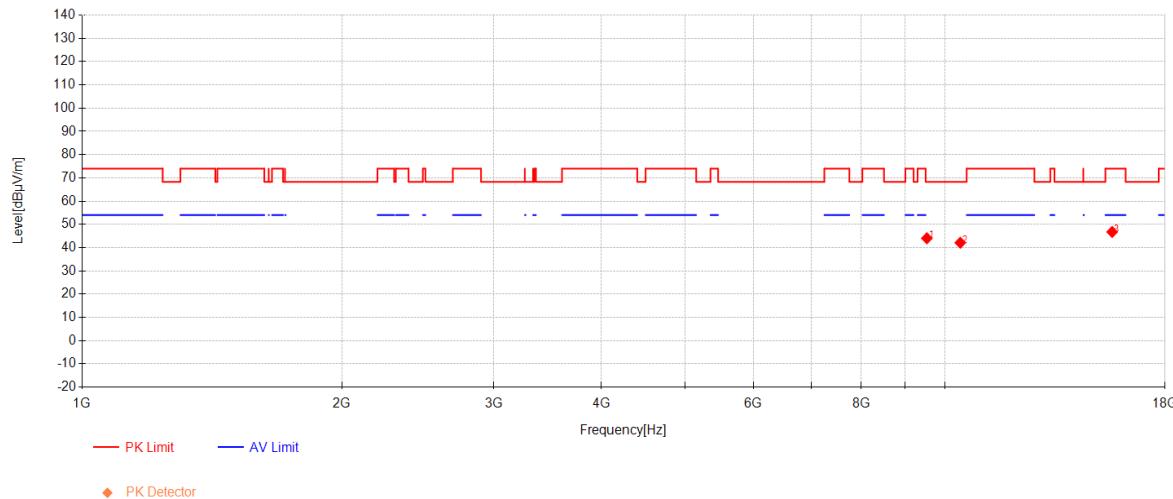
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802.11ac80 MIMO_Channel 42



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9531.25	39.82	37.76	-33.55	44.03	68.30	24.27	Horizontal
2	10420	35.12	38.11	-31.13	42.10	68.30	26.20	Horizontal
3	15630	35.46	38.90	-27.60	46.76	74.00	27.24	Horizontal



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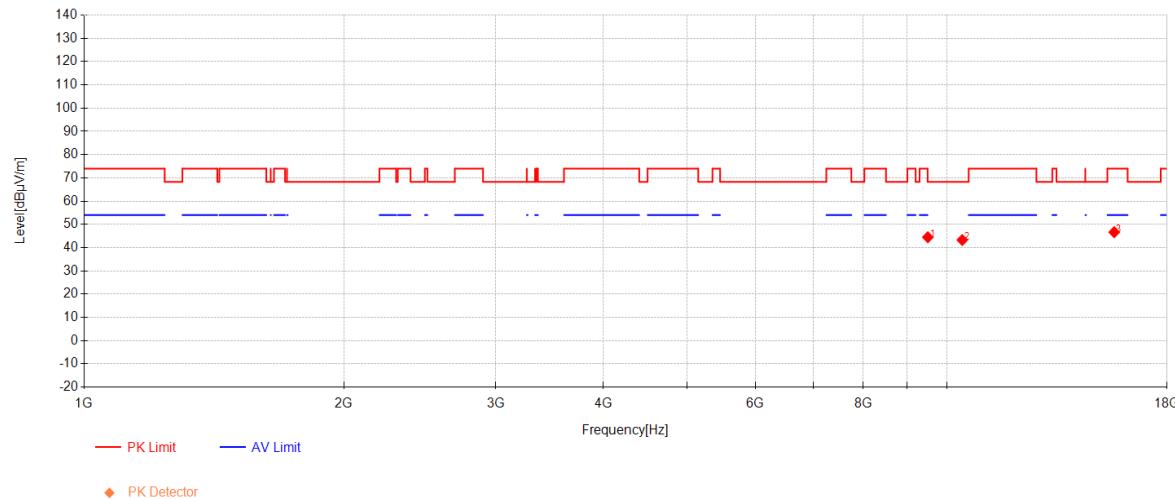
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802.11ac80 MIMO_Channel 42



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9505	40.27	37.75	-33.56	44.46	68.30	23.84	Vertical
2	10420	36.31	38.11	-31.13	43.29	68.30	25.01	Vertical
3	15630	35.35	38.90	-27.60	46.65	74.00	27.35	Vertical



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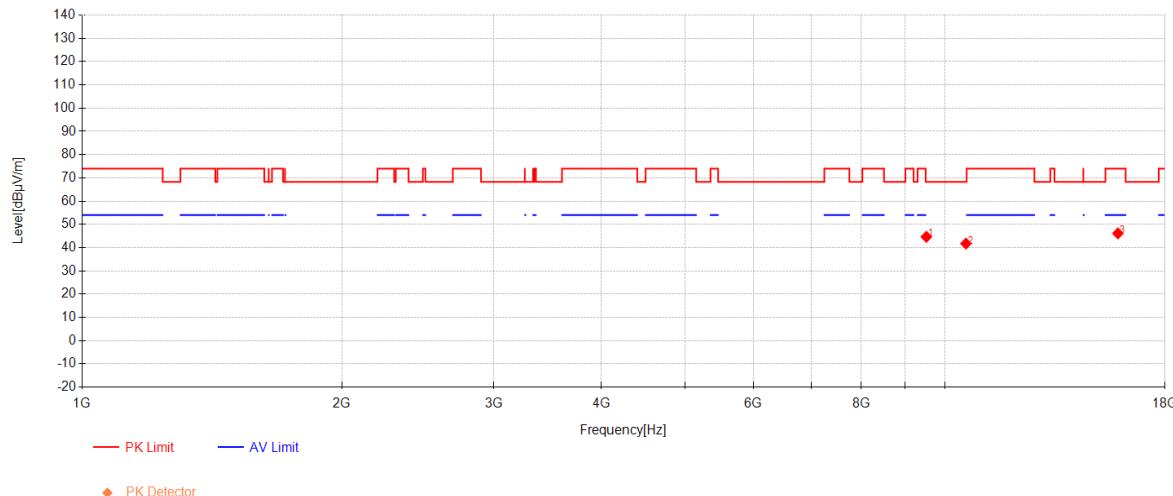
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802.11ac80 MIMO_Channel 58



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9519.1667	40.46	37.76	-33.55	44.66	68.30	23.64	Horizontal
2	10580	34.72	38.19	-31.17	41.74	68.30	26.56	Horizontal
3	15870	35.02	38.45	-27.35	46.12	74.00	27.88	Horizontal



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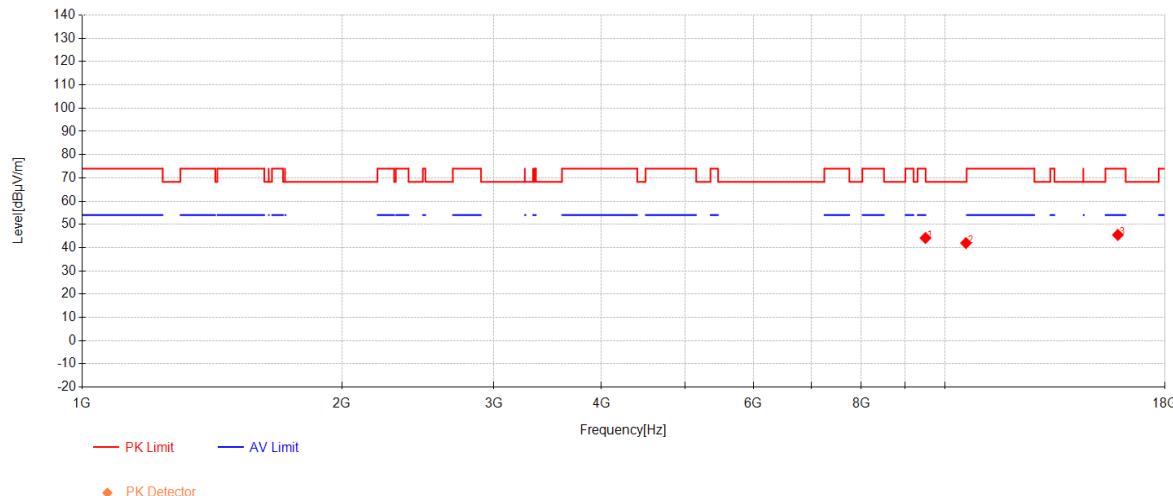
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9496.25	39.96	37.75	-33.58	44.13	74.00	29.87	Vertical
2	10580	34.96	38.19	-31.17	41.98	68.30	26.32	Vertical
3	15870	34.36	38.45	-27.35	45.46	74.00	28.54	Vertical



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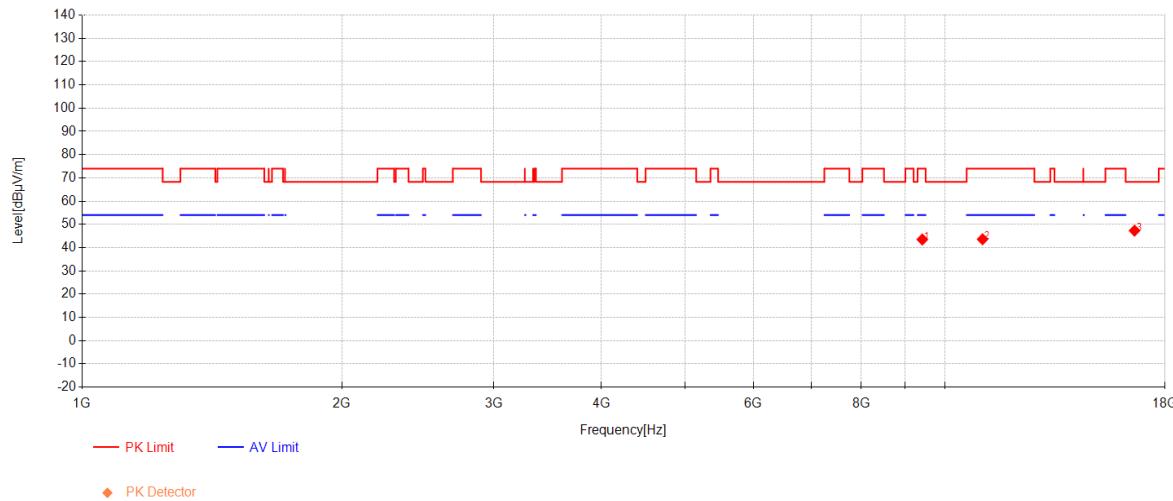
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802.11ac80 MIMO_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9416.6667	39.74	37.72	-33.96	43.50	74.00	30.50	Horizontal
2	11060	35.60	38.40	-30.39	43.61	74.00	30.39	Horizontal
3	16590	35.18	38.61	-26.48	47.31	68.30	20.99	Horizontal



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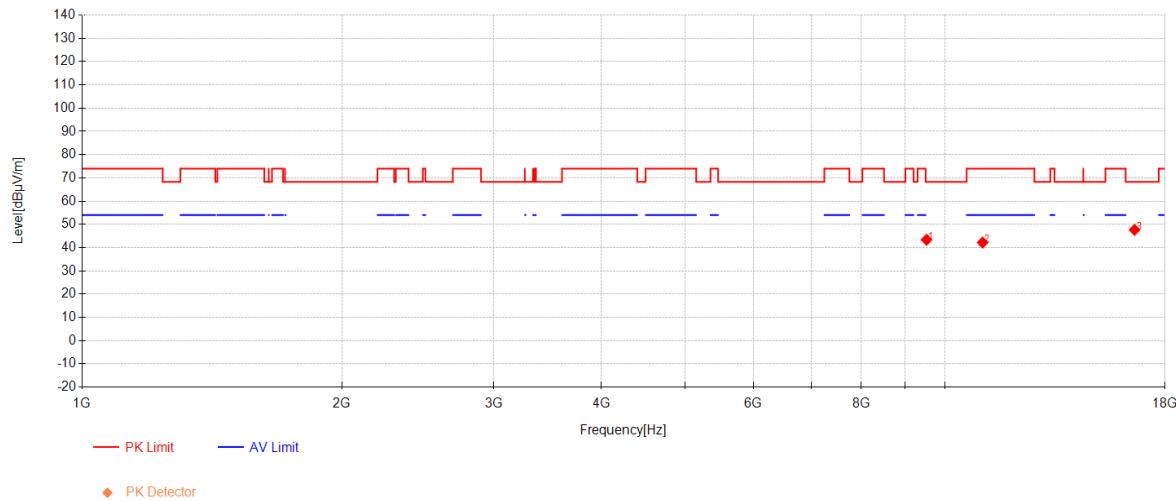
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802.11ac80 MIMO_Channel 106



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	9523.75	39.19	37.76	-33.55	43.39	68.30	24.91	Vertical
2	11060	34.19	38.40	-30.39	42.20	74.00	31.80	Vertical
3	16590	35.55	38.61	-26.48	47.68	68.30	20.62	Vertical



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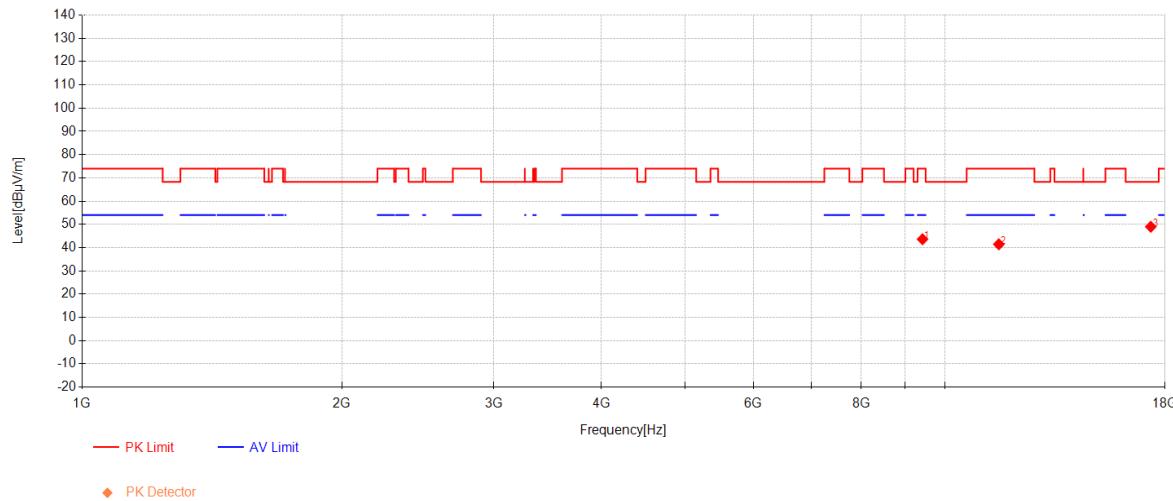
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Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	9422.0833	39.83	37.73	-33.93	43.62	74.00	30.38	Horizontal
2	11550	32.83	38.40	-29.79	41.44	74.00	32.56	Horizontal
3	17325	34.93	39.68	-25.63	48.98	68.30	19.32	Horizontal



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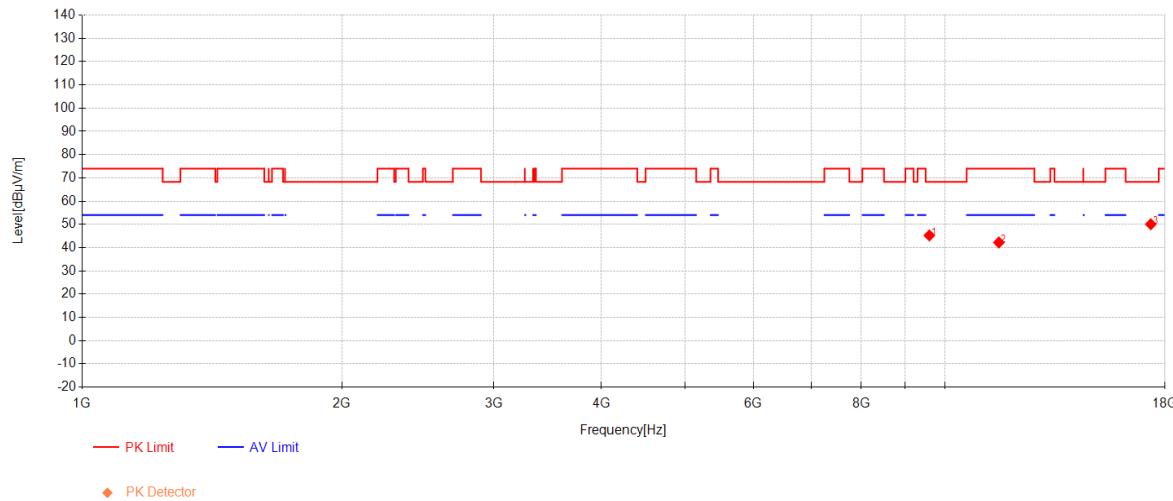
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802.11ac80 MIMO_Channel 155



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9595	40.99	37.78	-33.53	45.24	68.30	23.06	Vertical
2	11550	33.61	38.40	-29.79	42.22	74.00	31.78	Vertical
3	17325	36.01	39.68	-25.63	50.06	68.30	18.24	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, 802.11ac VHT20/40 by referring to their higher output power.



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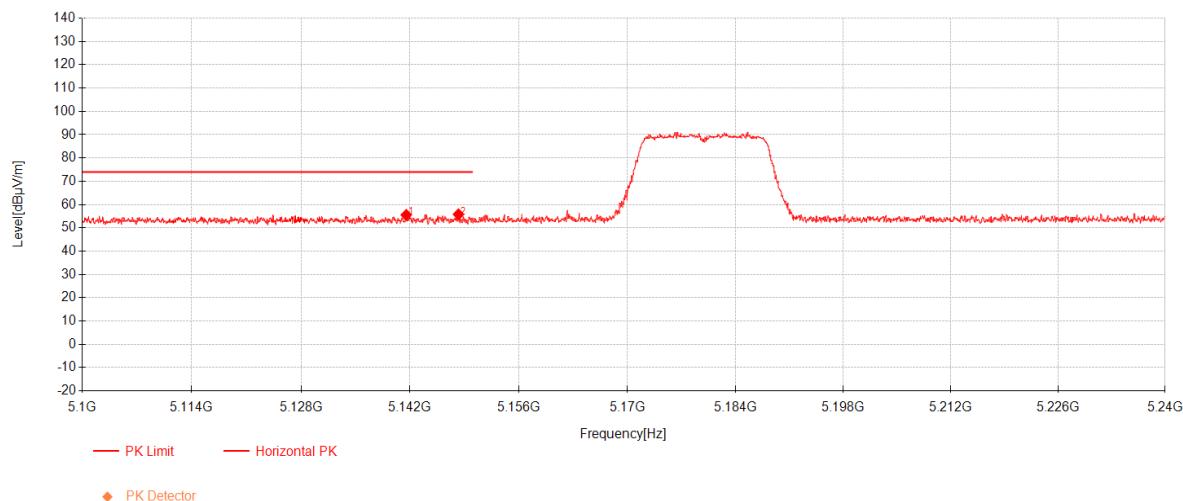
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Restricted bands around fundamental frequency

802.11a ANT0_Channel 36



Data List								
NO.	Frequency [MHz]	Reading [dB μ V]	AF [dB/m]	Factor [dB]	Level [dB μ V/m]	Limit [dB μ V/m]	Margin [dB]	Polarity
1	5141.51	37.21	33.17	-14.83	55.55	74.00	18.45	Horizontal
2	5148.23	37.43	33.17	-14.80	55.80	74.00	18.20	Horizontal



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