

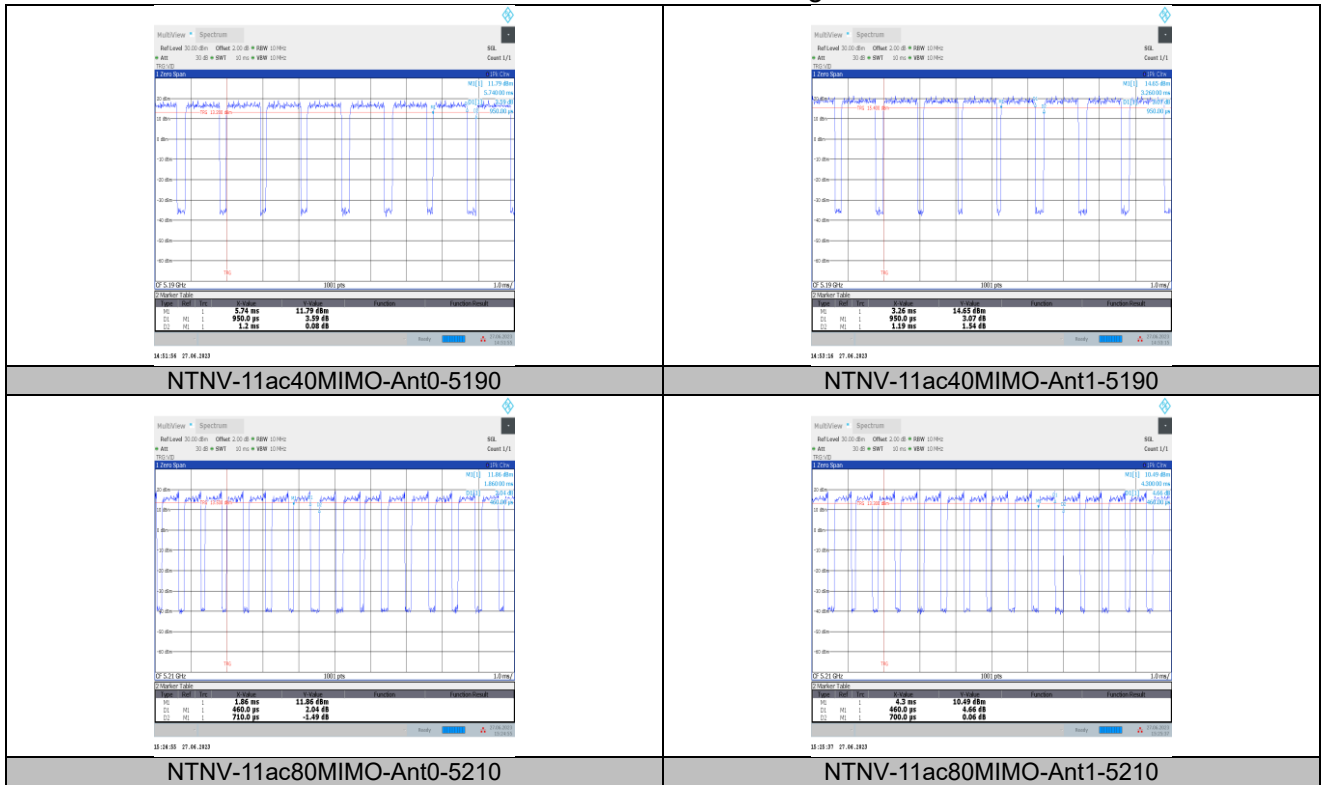
Test Graphs



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## Maximum conducted output power

### Test Result Channel Power

TestMode	Antenna	Frequency[MHz]	Result [dBm]	Limit [dBm]	Verdict
11a-CDD	Ant0	5180	17	≤30.00	PASS
11a-CDD	Ant1	5180	17.03	≤30.00	PASS
11a-CDD	total	5180	20.03	≤30.00	PASS
11a-CDD	Ant0	5220	17.07	≤30.00	PASS
11a-CDD	Ant1	5220	17.02	≤30.00	PASS
11a-CDD	total	5220	20.06	≤30.00	PASS
11a-CDD	Ant0	5240	17.13	≤30.00	PASS
11a-CDD	Ant1	5240	16.96	≤30.00	PASS
11a-CDD	total	5240	20.06	≤30.00	PASS
11a-CDD	Ant0	5745	16.97	≤30.00	PASS
11a-CDD	Ant1	5745	15.68	≤30.00	PASS
11a-CDD	total	5745	19.38	≤30.00	PASS
11a-CDD	Ant0	5785	16.68	≤30.00	PASS
11a-CDD	Ant1	5785	15.38	≤30.00	PASS
11a-CDD	total	5785	19.09	≤30.00	PASS
11a-CDD	Ant0	5825	16.55	≤30.00	PASS
11a-CDD	Ant1	5825	15.3	≤30.00	PASS
11a-CDD	total	5825	18.98	≤30.00	PASS
11n20MIMO	Ant0	5180	16.70	≤30.00	PASS
11n20MIMO	Ant1	5180	16.79	≤30.00	PASS
11n20MIMO	total	5180	19.76	≤30.00	PASS
11n20MIMO	Ant0	5220	16.91	≤30.00	PASS
11n20MIMO	Ant1	5220	16.89	≤30.00	PASS
11n20MIMO	total	5220	19.91	≤30.00	PASS
11n20MIMO	Ant0	5240	16.69	≤30.00	PASS
11n20MIMO	Ant1	5240	16.63	≤30.00	PASS
11n20MIMO	total	5240	19.67	≤30.00	PASS
11n20MIMO	Ant0	5745	17.08	≤30.00	PASS
11n20MIMO	Ant1	5745	15.83	≤30.00	PASS
11n20MIMO	total	5745	19.51	≤30.00	PASS
11n20MIMO	Ant0	5785	16.81	≤30.00	PASS
11n20MIMO	Ant1	5785	15.59	≤30.00	PASS
11n20MIMO	total	5785	19.25	≤30.00	PASS
11n20MIMO	Ant0	5825	16.93	≤30.00	PASS
11n20MIMO	Ant1	5825	15.73	≤30.00	PASS
11n20MIMO	total	5825	19.38	≤30.00	PASS
11n40MIMO	Ant0	5190	16.92	≤30.00	PASS
11n40MIMO	Ant1	5190	16.73	≤30.00	PASS
11n40MIMO	total	5190	19.84	≤30.00	PASS
11n40MIMO	Ant0	5230	16.75	≤30.00	PASS
11n40MIMO	Ant1	5230	16.70	≤30.00	PASS
11n40MIMO	total	5230	19.74	≤30.00	PASS
11n40MIMO	Ant0	5755	17.42	≤30.00	PASS
11n40MIMO	Ant1	5755	16.20	≤30.00	PASS
11n40MIMO	total	5755	19.86	≤30.00	PASS
11n40MIMO	Ant0	5795	17.03	≤30.00	PASS
11n40MIMO	Ant1	5795	15.83	≤30.00	PASS
11n40MIMO	total	5795	19.48	≤30.00	PASS
11ac20MIMO	Ant0	5180	16.72	≤30.00	PASS
11ac20MIMO	Ant1	5180	16.81	≤30.00	PASS



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11ac20MIMO	total	5180	19.78	≤30.00	PASS
11ac20MIMO	Ant0	5220	16.93	≤30.00	PASS
11ac20MIMO	Ant1	5220	16.9	≤30.00	PASS
11ac20MIMO	total	5220	19.93	≤30.00	PASS
11ac20MIMO	Ant0	5240	16.71	≤30.00	PASS
11ac20MIMO	Ant1	5240	16.66	≤30.00	PASS
11ac20MIMO	total	5240	19.7	≤30.00	PASS
11ac20MIMO	Ant0	5745	17.1	≤30.00	PASS
11ac20MIMO	Ant1	5745	15.85	≤30.00	PASS
11ac20MIMO	total	5745	19.53	≤30.00	PASS
11ac20MIMO	Ant0	5785	16.83	≤30.00	PASS
11ac20MIMO	Ant1	5785	15.61	≤30.00	PASS
11ac20MIMO	total	5785	19.27	≤30.00	PASS
11ac20MIMO	Ant0	5825	16.95	≤30.00	PASS
11ac20MIMO	Ant1	5825	15.77	≤30.00	PASS
11ac20MIMO	total	5825	19.41	≤30.00	PASS
11ac40MIMO	Ant0	5190	16.94	≤30.00	PASS
11ac40MIMO	Ant1	5190	16.75	≤30.00	PASS
11ac40MIMO	total	5190	19.86	≤30.00	PASS
11ac40MIMO	Ant0	5230	16.75	≤30.00	PASS
11ac40MIMO	Ant1	5230	16.71	≤30.00	PASS
11ac40MIMO	total	5230	19.74	≤30.00	PASS
11ac40MIMO	Ant0	5755	17.48	≤30.00	PASS
11ac40MIMO	Ant1	5755	16.23	≤30.00	PASS
11ac40MIMO	total	5755	19.91	≤30.00	PASS
11ac40MIMO	Ant0	5795	17.08	≤30.00	PASS
11ac40MIMO	Ant1	5795	15.82	≤30.00	PASS
11ac40MIMO	total	5795	19.51	≤30.00	PASS
11ac80MIMO	Ant0	5210	16.98	≤30.00	PASS
11ac80MIMO	Ant1	5210	17.09	≤30.00	PASS
11ac80MIMO	total	5210	20.05	≤30.00	PASS
11ac80MIMO	Ant0	5775	17.74	≤30.00	PASS
11ac80MIMO	Ant1	5775	16.41	≤30.00	PASS
11ac80MIMO	total	5775	20.14	≤30.00	PASS



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### Maximum power spectral density

#### Test Result

TestMode	Antenna	Frequency	Result	Limit	Verdict
11a-CDD	Ant0	5180	5.96	≤17.00	PASS
11a-CDD	Ant1	5180	5.97	≤17.00	PASS
11a-CDD	total	5180	8.98	≤17.00	PASS
11a-CDD	Ant0	5220	6.15	≤17.00	PASS
11a-CDD	Ant1	5220	5.78	≤17.00	PASS
11a-CDD	total	5220	8.98	≤17.00	PASS
11a-CDD	Ant0	5240	5.98	≤17.00	PASS
11a-CDD	Ant1	5240	5.88	≤17.00	PASS
11a-CDD	total	5240	8.94	≤17.00	PASS
11a-CDD	Ant0	5745	3	≤30.00	PASS
11a-CDD	Ant1	5745	2.93	≤30.00	PASS
11a-CDD	total	5745	5.98	≤30.00	PASS
11a-CDD	Ant0	5785	2.5	≤30.00	PASS
11a-CDD	Ant1	5785	2.38	≤30.00	PASS
11a-CDD	total	5785	5.45	≤30.00	PASS
11a-CDD	Ant0	5825	2.37	≤30.00	PASS
11a-CDD	Ant1	5825	3.58	≤30.00	PASS
11a-CDD	total	5825	6.03	≤30.00	PASS
11ac20MIMO	Ant0	5180	5.46	≤17.00	PASS
11ac20MIMO	Ant1	5180	5.48	≤17.00	PASS
11ac20MIMO	total	5180	8.48	≤17.00	PASS
11ac20MIMO	Ant0	5220	5.72	≤17.00	PASS
11ac20MIMO	Ant1	5220	5.45	≤17.00	PASS
11ac20MIMO	total	5220	8.60	≤17.00	PASS
11ac20MIMO	Ant0	5240	5.21	≤17.00	PASS
11ac20MIMO	Ant1	5240	5.21	≤17.00	PASS
11ac20MIMO	total	5240	8.22	≤17.00	PASS
11ac20MIMO	Ant0	5745	2.92	≤30.00	PASS
11ac20MIMO	Ant1	5745	1.72	≤30.00	PASS
11ac20MIMO	total	5745	5.37	≤30.00	PASS
11ac20MIMO	Ant0	5785	2.83	≤30.00	PASS
11ac20MIMO	Ant1	5785	1.28	≤30.00	PASS
11ac20MIMO	total	5785	5.13	≤30.00	PASS
11ac20MIMO	Ant0	5825	2.68	≤30.00	PASS
11ac20MIMO	Ant1	5825	1.62	≤30.00	PASS
11ac20MIMO	total	5825	5.19	≤30.00	PASS
11ac40MIMO	Ant0	5190	2.84	≤17.00	PASS
11ac40MIMO	Ant1	5190	2.72	≤17.00	PASS
11ac40MIMO	total	5190	5.79	≤17.00	PASS
11ac40MIMO	Ant0	5230	2.56	≤17.00	PASS
11ac40MIMO	Ant1	5230	2.66	≤17.00	PASS
11ac40MIMO	total	5230	5.62	≤17.00	PASS
11ac40MIMO	Ant0	5755	0.74	≤30.00	PASS
11ac40MIMO	Ant1	5755	-0.49	≤30.00	PASS
11ac40MIMO	total	5755	3.18	≤30.00	PASS
11ac40MIMO	Ant0	5795	0.36	≤30.00	PASS
11ac40MIMO	Ant1	5795	-1.02	≤30.00	PASS
11ac40MIMO	total	5795	2.73	≤30.00	PASS
11ac80MIMO	Ant0	5210	0.26	≤17.00	PASS
11ac80MIMO	Ant1	5210	0.3	≤17.00	PASS



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11ac80MIMO	total	5210	3.29	≤17.00	PASS
11ac80MIMO	Ant0	5775	-2.27	≤30.00	PASS
11ac80MIMO	Ant1	5775	-3.49	≤30.00	PASS
11ac80MIMO	total	5775	0.17	≤30.00	PASS

**Note:**

- 1.The Result and Limit Unit is dBm/1MHz in the band 5.15-5.25 GHz.
- 2.The Result and Limit Unit is dBm/500 kHz in the band 5.725-5.85 GHz.
- 3.The Duty Cycle Factor and RBW Factor is compensated in the graph.

**Remark:**

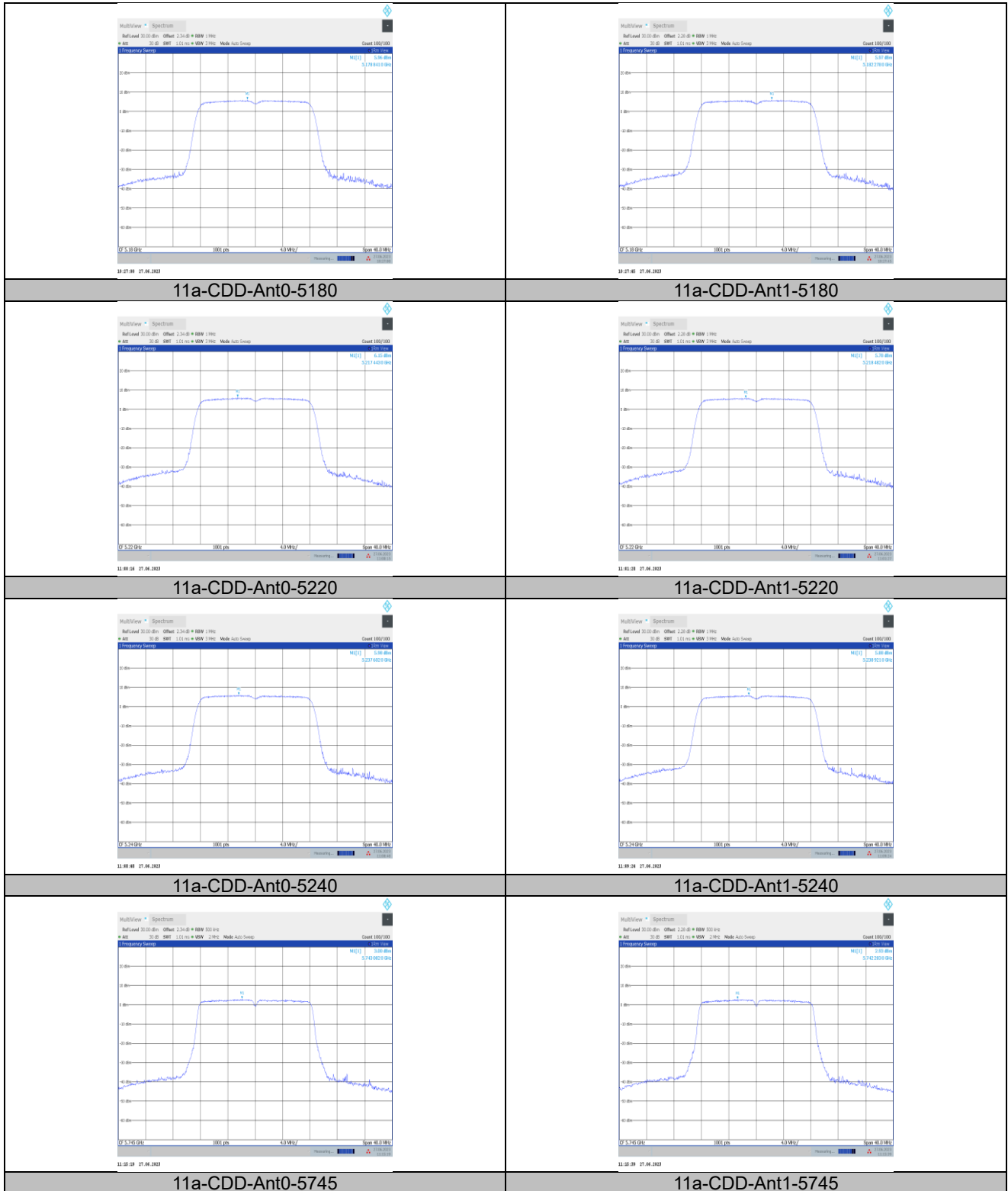
For 802.11n HT20/ac VHT20 and 802.11n HT40/ac VHT40 mode, the whole testing have assessed only, 802.11ac VHT20/40 by referring to their higher output power.



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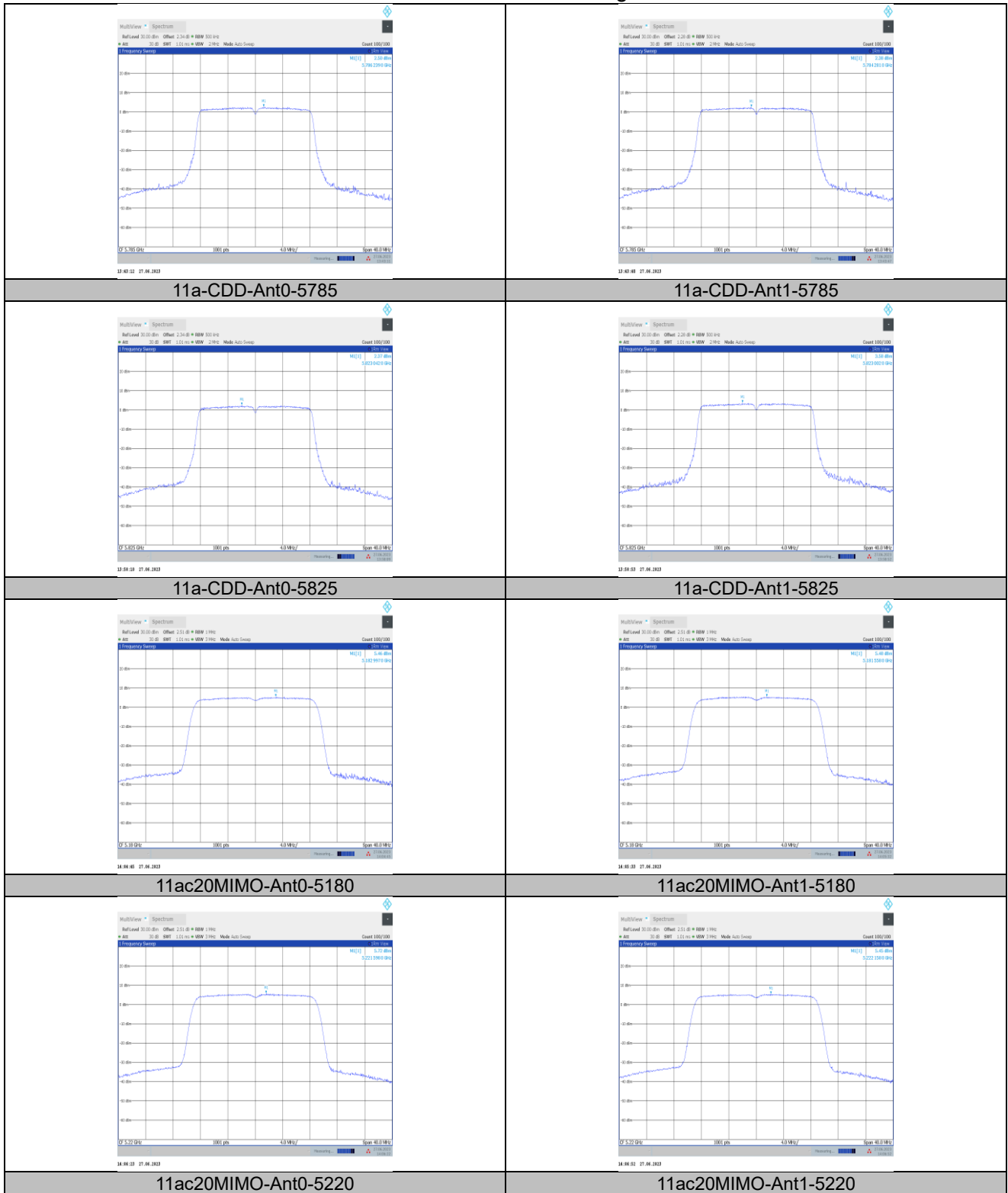
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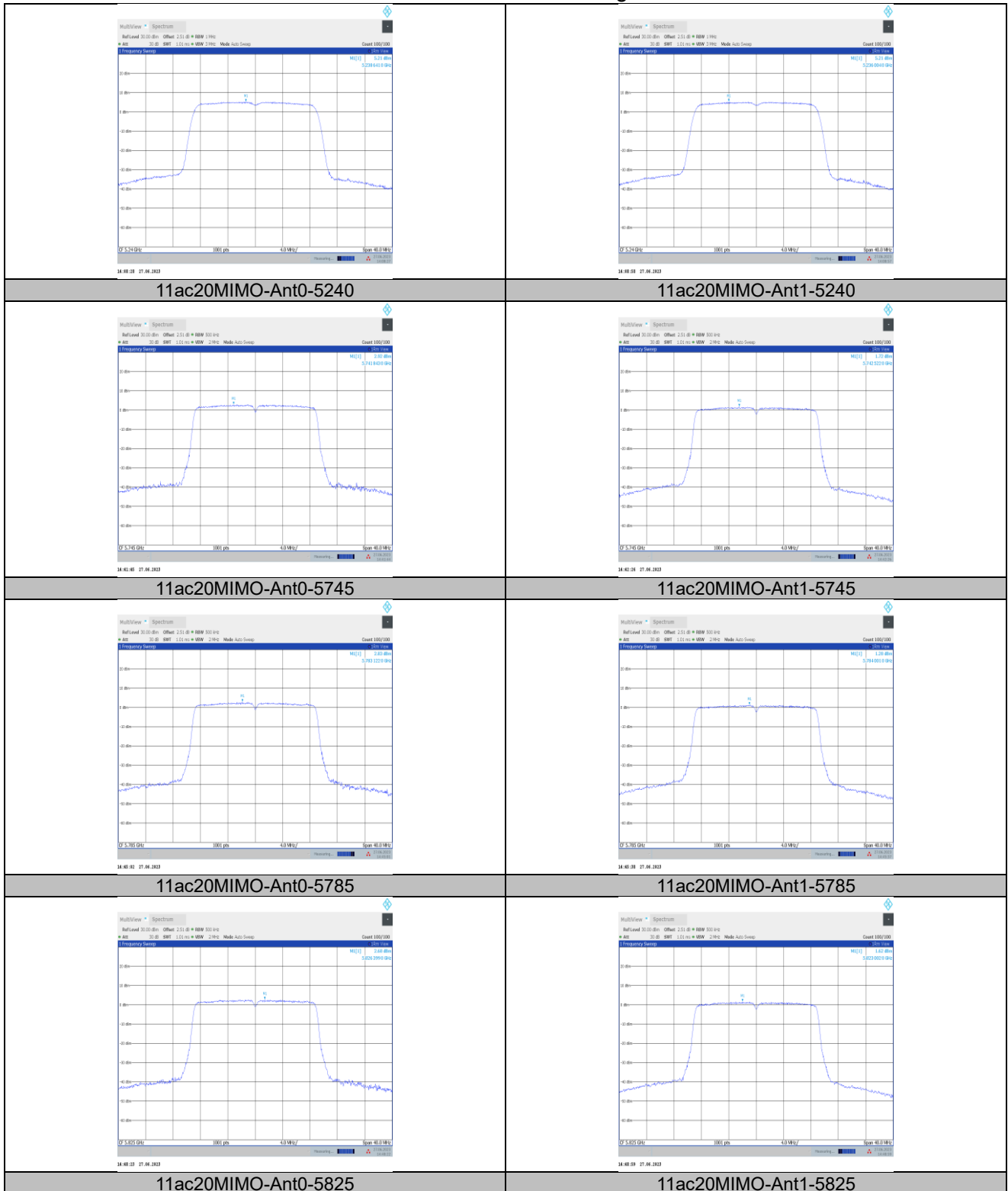
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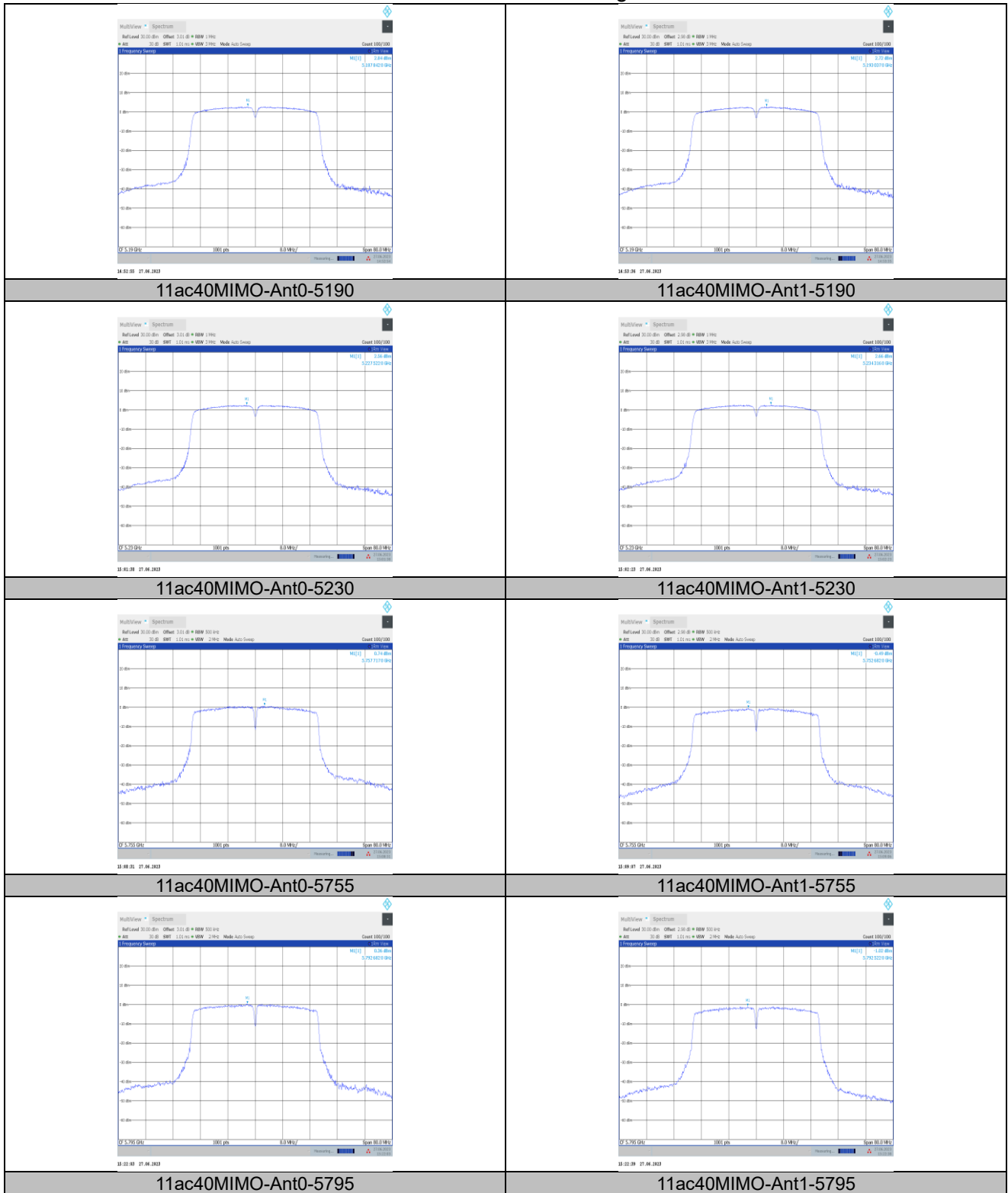


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 t (86-512) 62992980 sgs.china@sgs.com

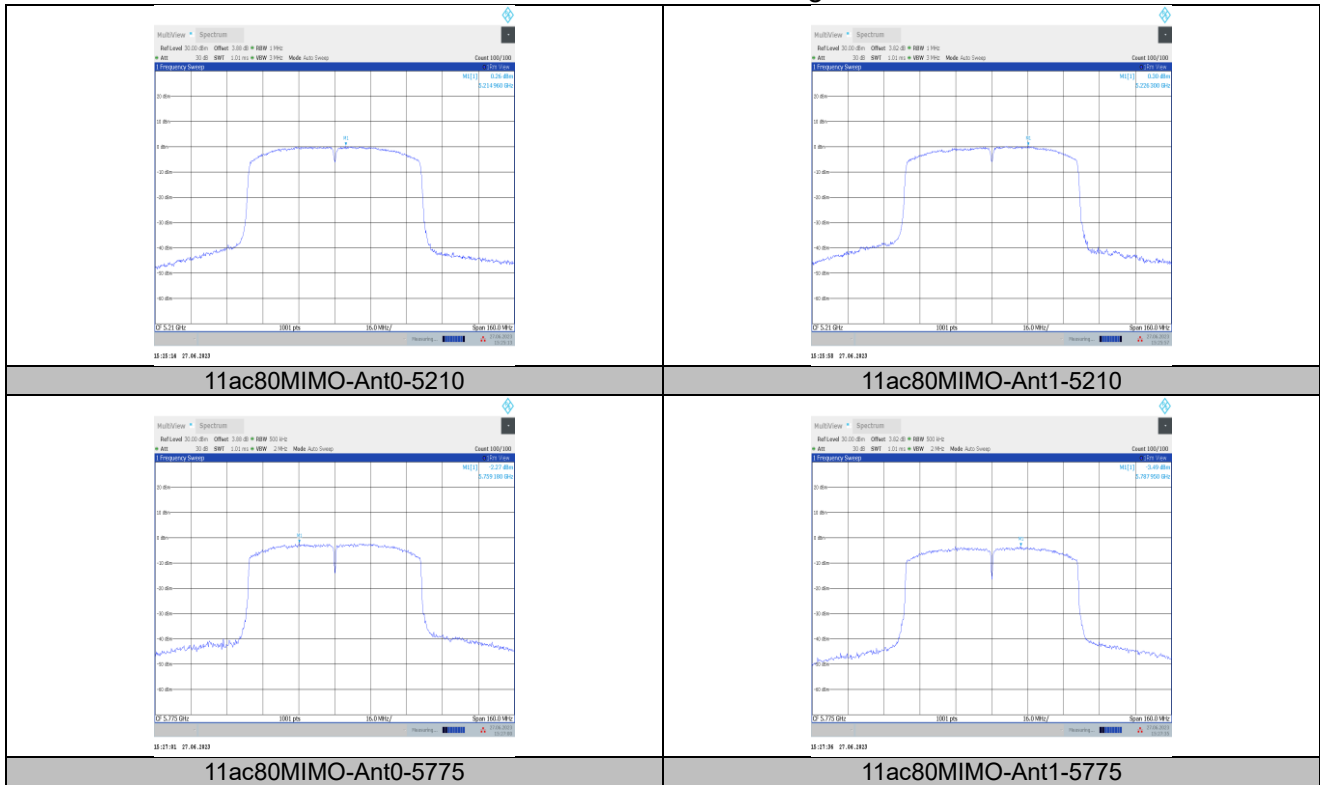


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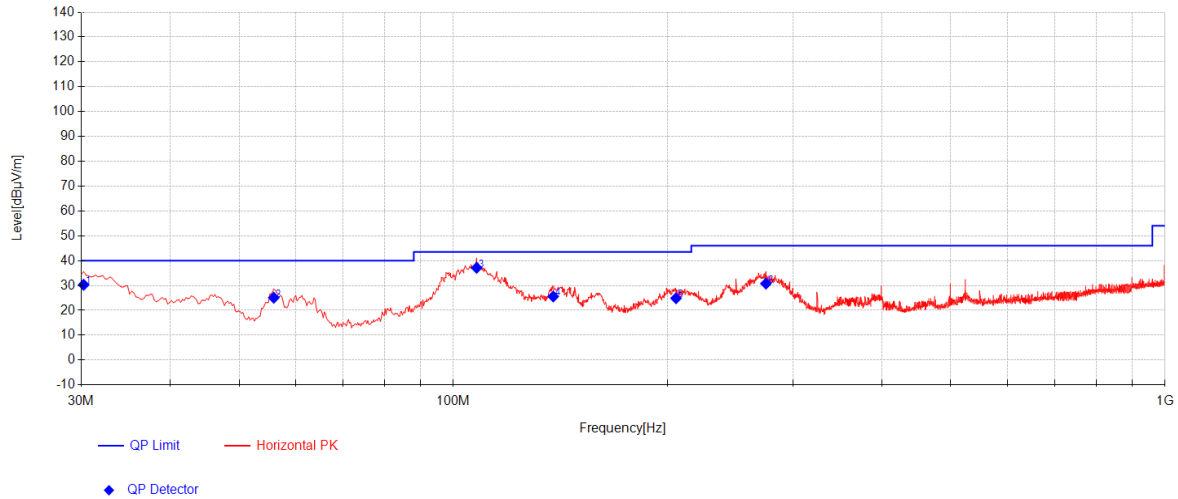
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## Radiated Spurious Emissions

### Radiated emission below 1GHz

#### Worst case Mode: 802.11ac40 MIMO\_Channel 159



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.2425	46.38	-34.01	17.93	30.30	40.00	9.70	152	251	Horizontal
2	55.9475	40.03	-33.91	18.96	25.08	40.00	14.92	265	72	Horizontal
3	107.8425	54.32	-33.41	16.21	37.12	43.50	6.38	284	102	Horizontal
4	138.155	40.35	-33.25	18.48	25.58	43.50	17.92	142	340	Horizontal
5	205.57	42.05	-32.66	15.51	24.89	43.50	18.61	263	162	Horizontal
6	274.925	45.38	-32.31	17.70	30.77	46.00	15.23	228	258	Horizontal

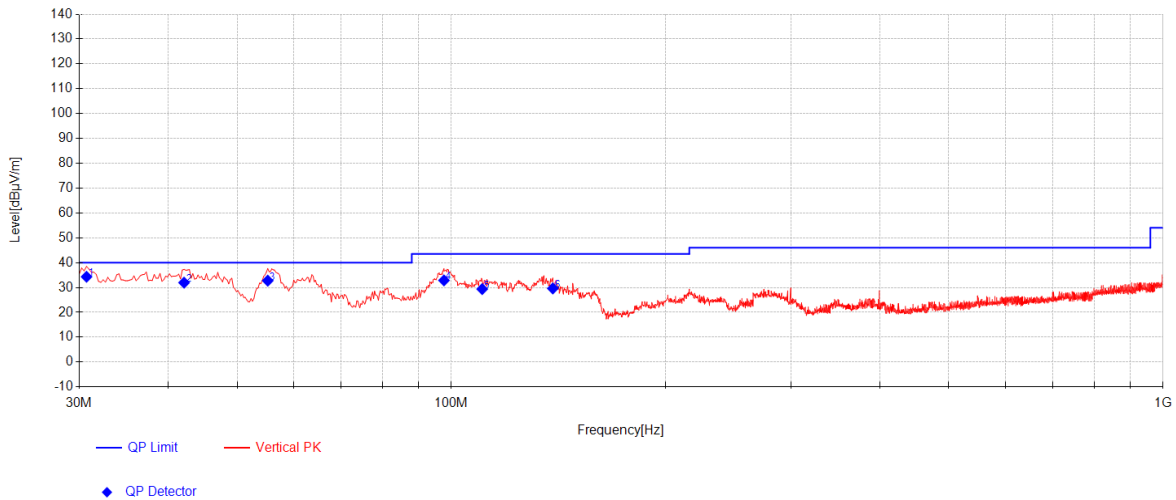


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	Factor [dB]	AF [dB/m]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.7275	50.35	-34.01	17.99	34.33	40.00	5.67	142	26	Vertical
2	42.125	46.35	-33.99	19.59	31.95	40.00	8.05	265	254	Vertical
3	55.22	47.68	-33.92	18.99	32.75	40.00	7.25	285	144	Vertical
4	97.6575	51.05	-33.50	15.31	32.86	43.50	10.64	254	260	Vertical
5	110.51	46.32	-33.39	16.45	29.38	43.50	14.12	142	22	Vertical
6	138.8825	44.35	-33.25	18.53	29.63	43.50	13.87	263	53	Vertical

**Remark:**

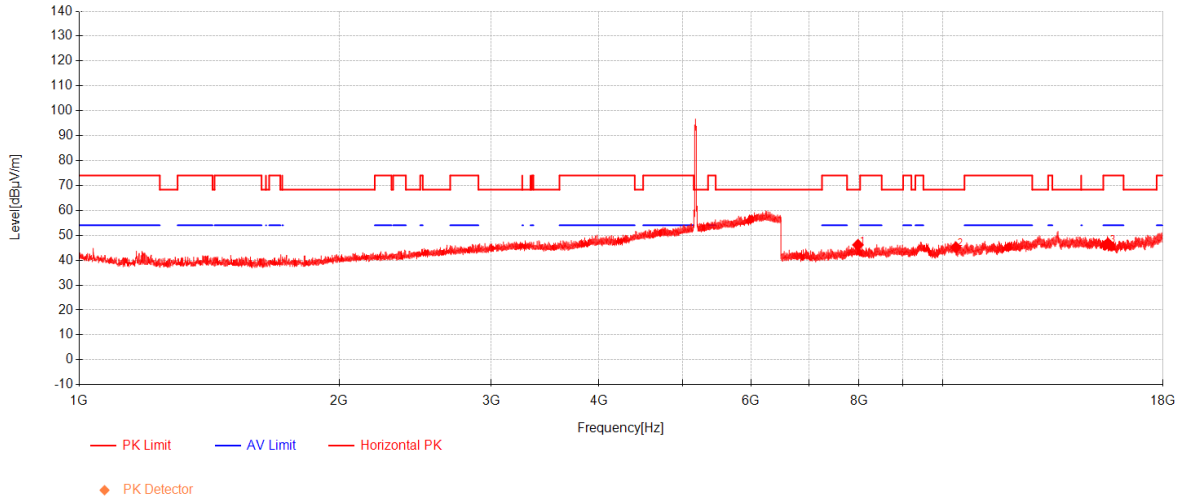
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  
 Value = Reading(dBµV) + AF(dB/m) + Factor(dB):  
 AF = Antenna Factor(dB/m)  
 Factor = Cable Factor(dB) - Preamplifier gain(dB)  
 Margin = Limit(dBµV/m) – Value(dBµV/m)
- All channels have been tested, but only the worst case data displayed in this report.



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### Transmitter emission Above 1GHz

#### 802.11a CDD\_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	7979.1875	49.69	37.08	-40.63	46.13	68.30	22.17	296	277	Horizontal
2	10360	43.51	38.08	-36.43	45.16	68.30	23.14	265	210	Horizontal
3	15540	41.67	39.07	-34.01	46.74	74.00	27.26	241	227	Horizontal

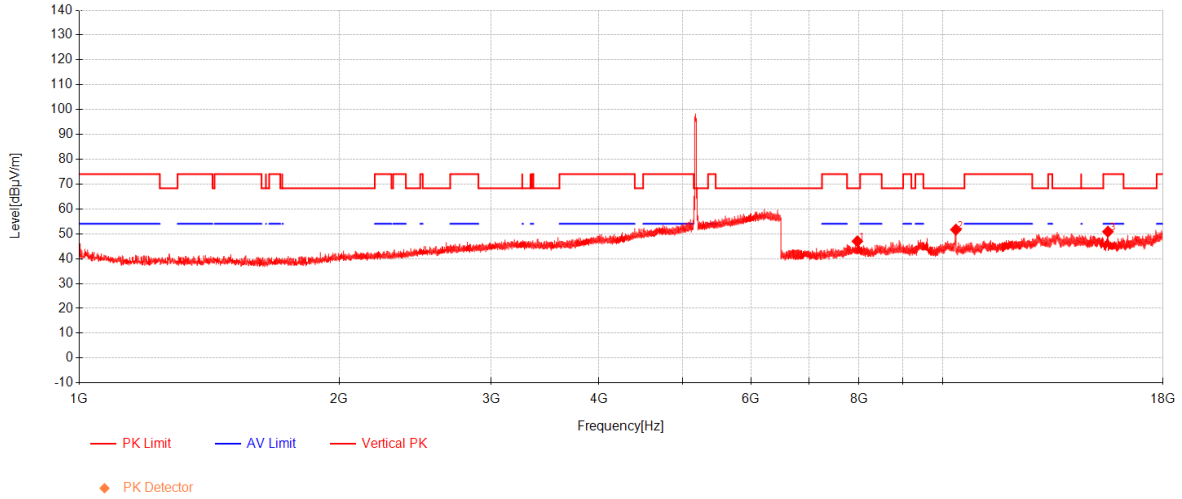


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802.11a CDD\_Channel 36



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	7967.2083	50.59	37.07	-40.64	47.01	68.30	21.29	265	307	Vertical
2	10360	50.04	38.08	-36.43	51.69	68.30	16.61	284	225	Vertical
3	15540	45.78	39.07	-34.01	50.85	74.00	23.15	142	290	Vertical

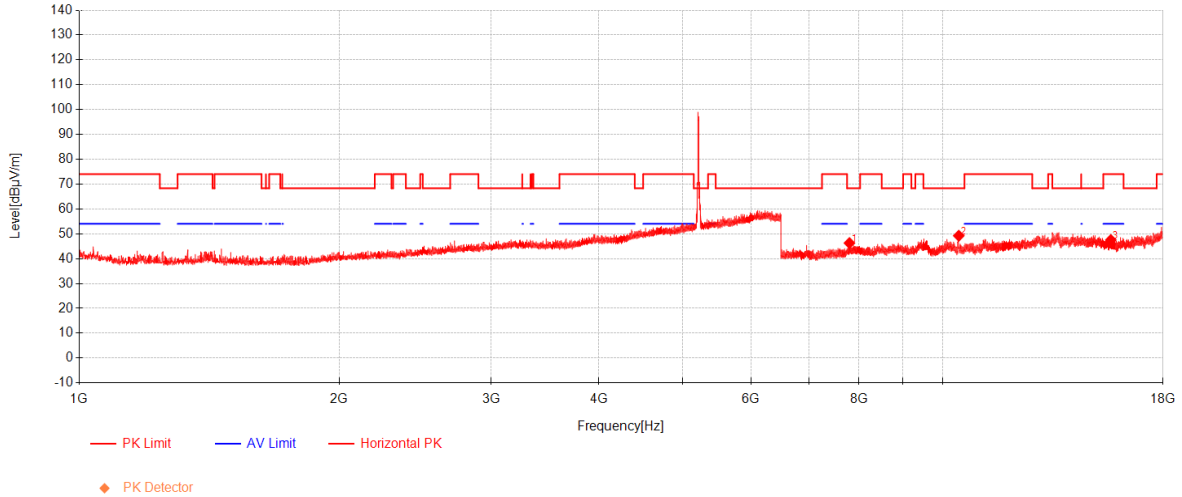


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802.11a CDD\_Channel 44



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	7799.9792	50.06	36.90	-40.69	46.27	68.30	22.03	296	290	Horizontal
2	10440	47.34	38.12	-36.23	49.23	68.30	19.07	265	290	Horizontal
3	15660	42.64	38.85	-33.98	47.50	74.00	26.50	284	258	Horizontal



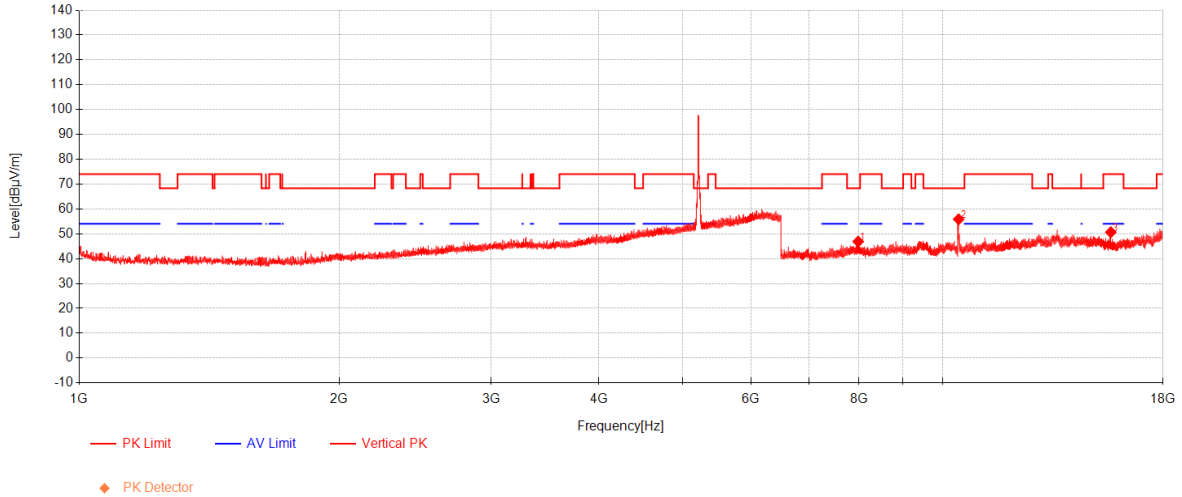
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802.11a CDD\_Channel 44



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	7983.5	50.44	37.08	-40.63	46.89	68.30	21.41	265	255	Vertical
2	10436.3542	53.97	38.12	-36.23	55.85	68.30	12.45	284	239	Vertical
3	15660	45.79	38.85	-33.98	50.65	74.00	23.35	142	291	Vertical

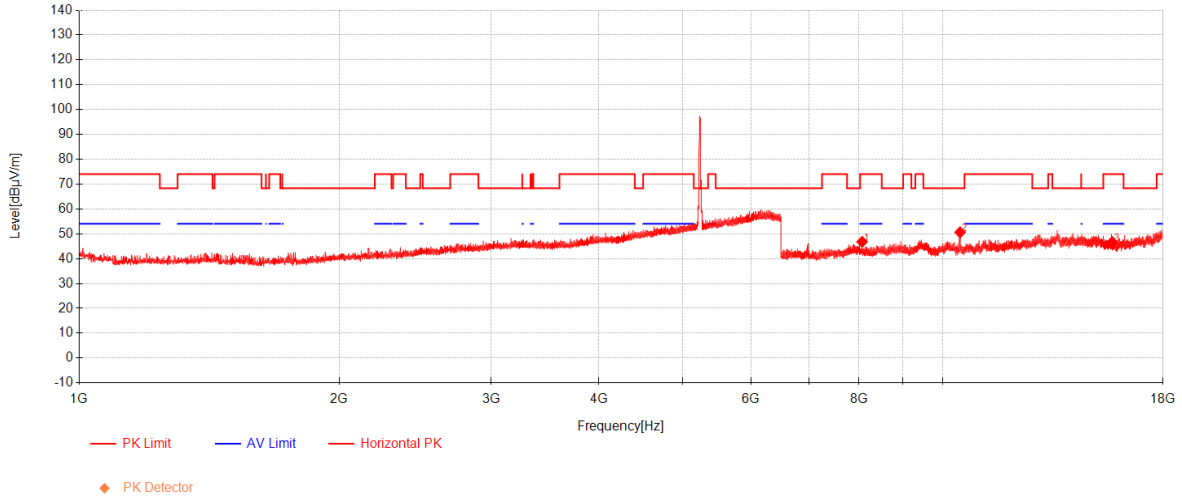


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802.11a CDD\_Channel 48



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	8067.3542	50.00	37.13	-40.36	46.77	74.00	27.23	205	160	Horizontal
2	10478.0417	48.65	38.14	-36.19	50.60	68.30	17.70	265	291	Horizontal
3	15720	42.01	38.73	-34.03	46.71	74.00	27.29	244	243	Horizontal

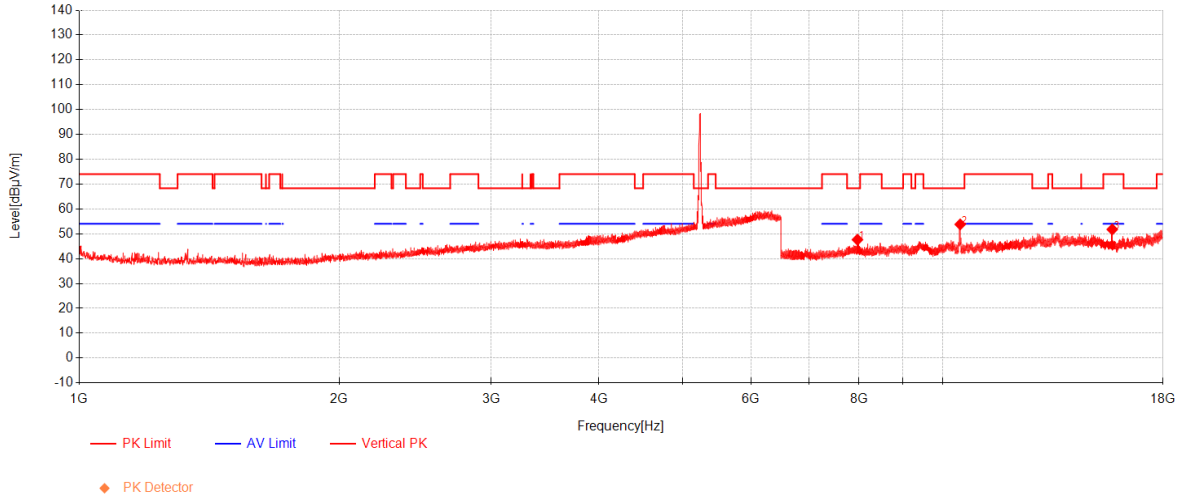


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802.11a CDD\_Channel 48



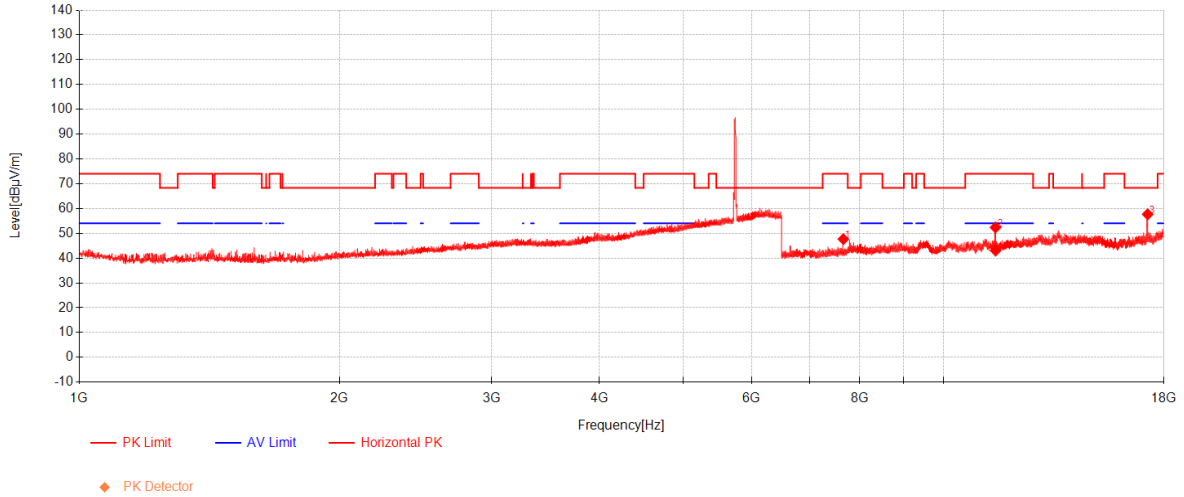
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7968.1667	51.21	37.07	-40.64	47.64	68.30	20.66	296	259	Vertical
2	10480	51.85	38.14	-36.19	53.80	68.30	14.50	254	242	Vertical
3	15720	47.08	38.73	-34.03	51.78	74.00	22.22	188	306	Vertical



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802.11a CDD\_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	7660.0625	51.93	36.76	-41.03	47.66	74.00	26.34	365	209	Horizontal
2	11489.5625	48.56	38.40	-34.59	52.37	74.00	21.63	146	217	Horizontal
3	17233.8125	49.68	39.46	-31.48	57.67	68.30	10.63	265	60	Horizontal
4	11491.4792	39.23	38.40	-34.58	43.05	54.00	10.95	146	217	Horizontal

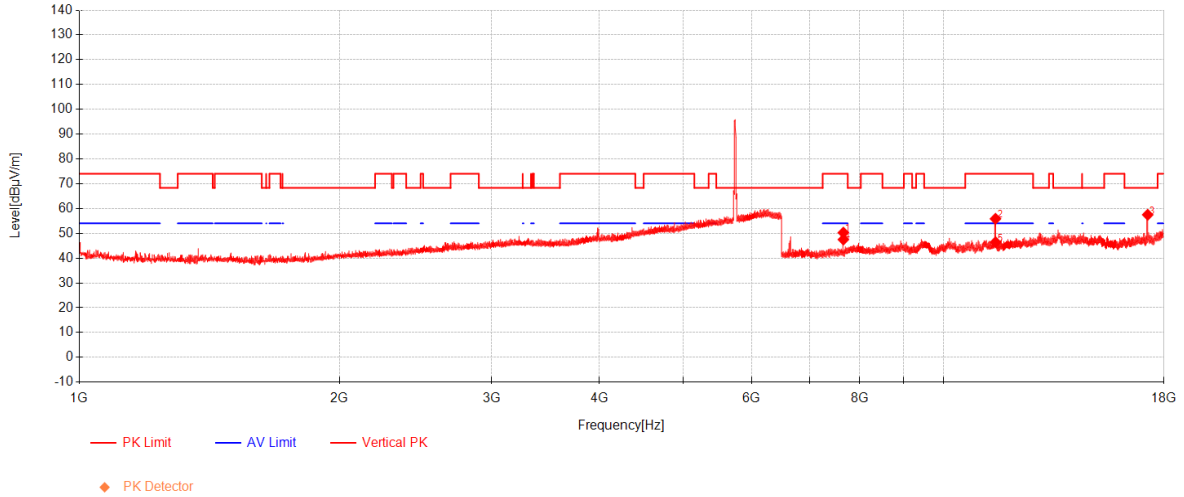


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802.11a CDD\_Channel 149



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	7660.0625	54.55	36.76	-41.03	50.28	74.00	23.72	185	240	Vertical
2	11488.6042	52.06	38.40	-34.60	55.86	74.00	18.14	244	239	Vertical
3	17235.7292	49.48	39.47	-31.46	57.49	68.30	10.81	256	270	Vertical
4	7660.5417	51.75	36.76	-41.03	47.48	54.00	6.52	185	240	Vertical
5	11491.4792	42.61	38.40	-34.58	46.43	54.00	7.57	244	239	Vertical

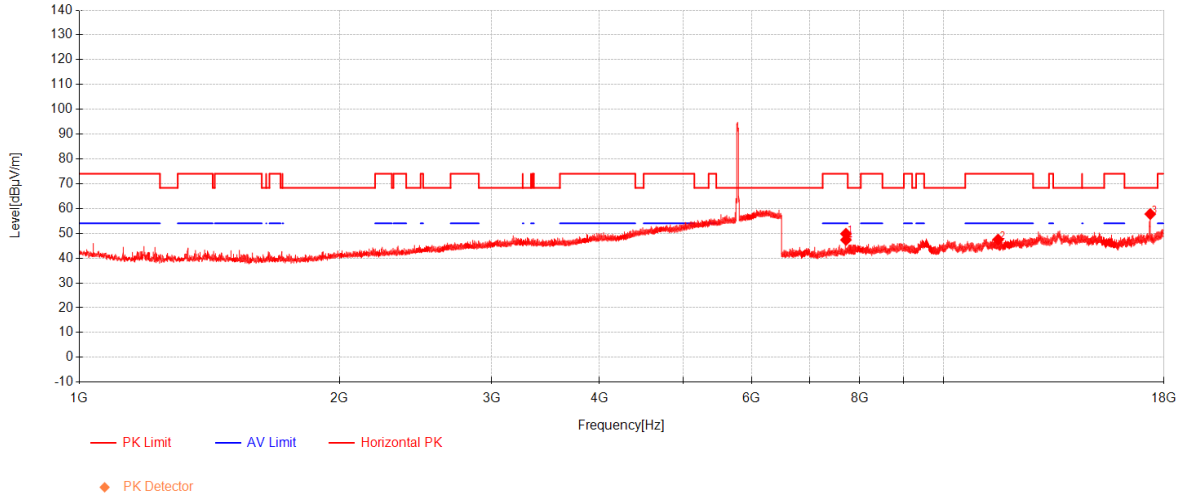


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802.11a CDD\_Channel 157



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	7713.25	53.87	36.81	-40.86	49.82	74.00	24.18	185	182	Horizontal
2	11570	44.16	38.40	-35.09	47.47	74.00	26.53	266	214	Horizontal
3	17353.125	49.35	39.75	-31.32	57.78	68.30	10.52	224	270	Horizontal
4	7713.7292	51.40	36.81	-40.86	47.35	54.00	6.65	185	182	Horizontal

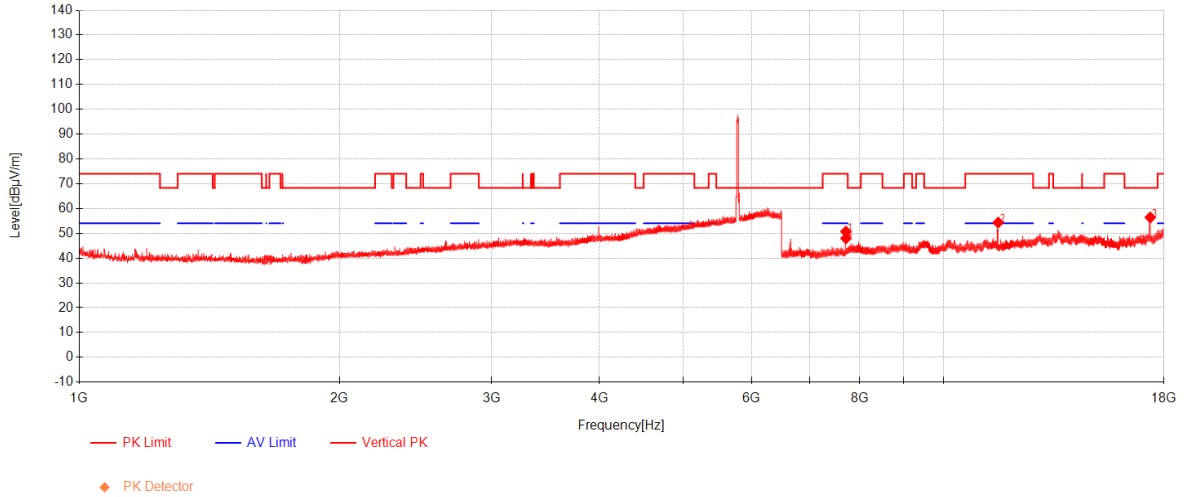


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802.11a CDD\_Channel 157



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	7713.25	54.78	36.81	-40.86	50.73	74.00	23.27	296	235	Vertical
2	11570	51.05	38.40	-35.09	54.36	74.00	19.64	254	228	Vertical
3	17355	48.00	39.75	-31.34	56.41	68.30	11.89	155	257	Vertical
4	7713.7292	52.02	36.81	-40.86	47.97	54.00	6.03	296	235	Vertical

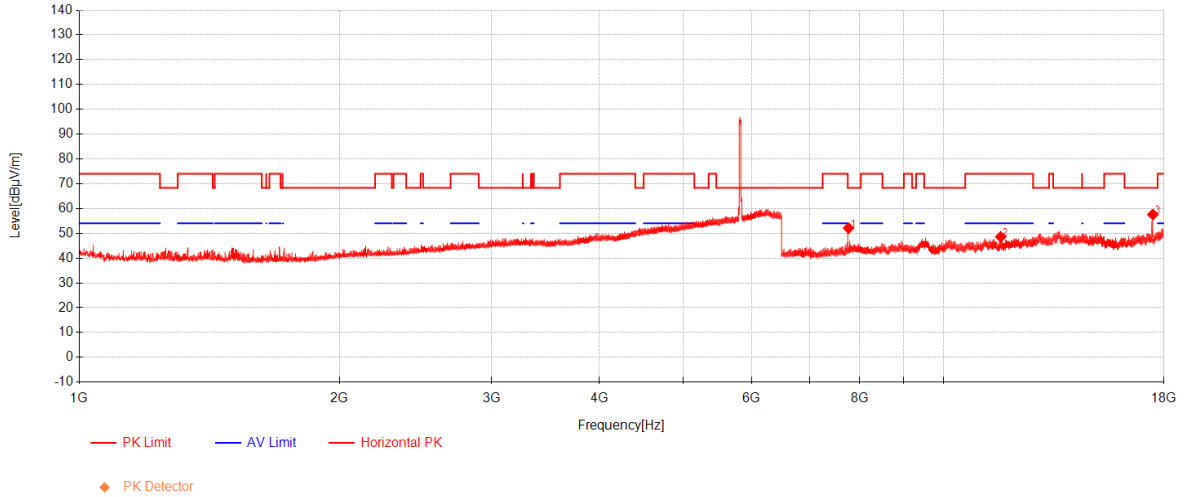


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802.11a CDD\_Channel 165



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	7766.9167	55.99	36.87	-40.76	52.10	68.30	16.20	296	199	Horizontal
2	11650	45.22	38.40	-35.02	48.60	74.00	25.40	254	343	Horizontal
3	17474.8333	49.17	40.04	-31.62	57.59	68.30	10.71	118	257	Horizontal

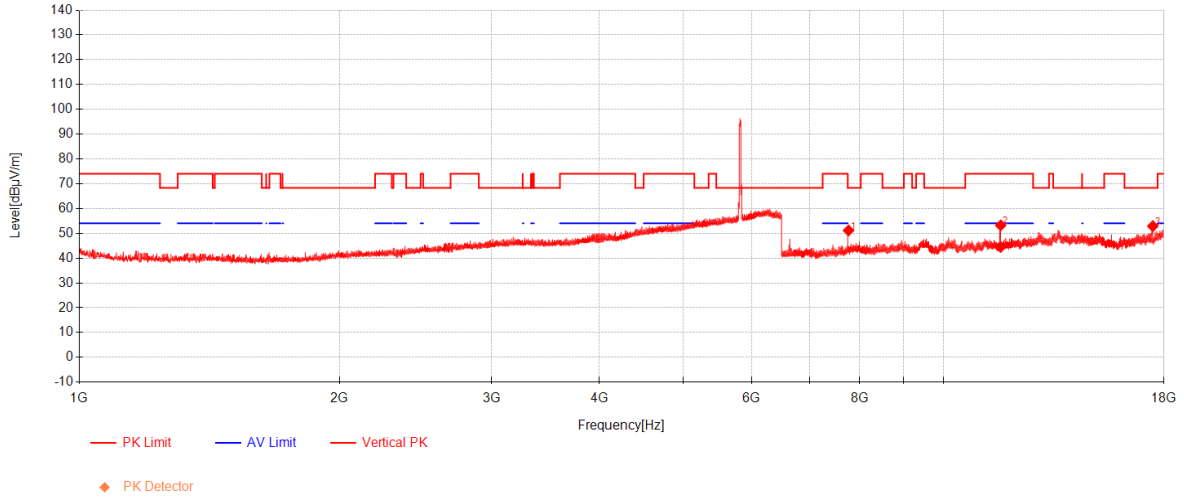


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802.11a CDD\_Channel 165



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	7766.9167	55.05	36.87	-40.76	51.16	68.30	17.14	265	267	Vertical
2	11650	49.86	38.40	-35.02	53.24	74.00	20.76	284	207	Vertical
3	17475	44.48	40.04	-31.62	52.90	68.30	15.40	142	267	Vertical
4	11648.1667	41.16	38.40	-35.03	44.53	54.00	9.47	284	207	Vertical

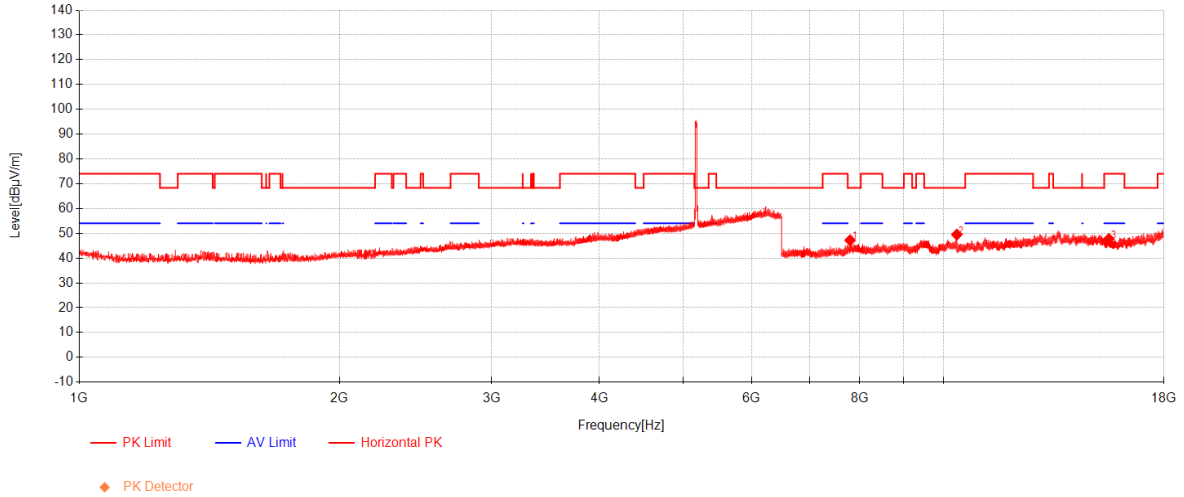


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802.11ac20 MIMO\_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7799.5	51.01	36.90	-40.69	47.22	68.30	21.08	196	292	Horizontal
2	10364.4792	47.82	38.08	-36.41	49.49	68.30	18.81	254	326	Horizontal
3	15540	42.67	39.07	-34.01	47.74	74.00	26.26	178	347	Horizontal

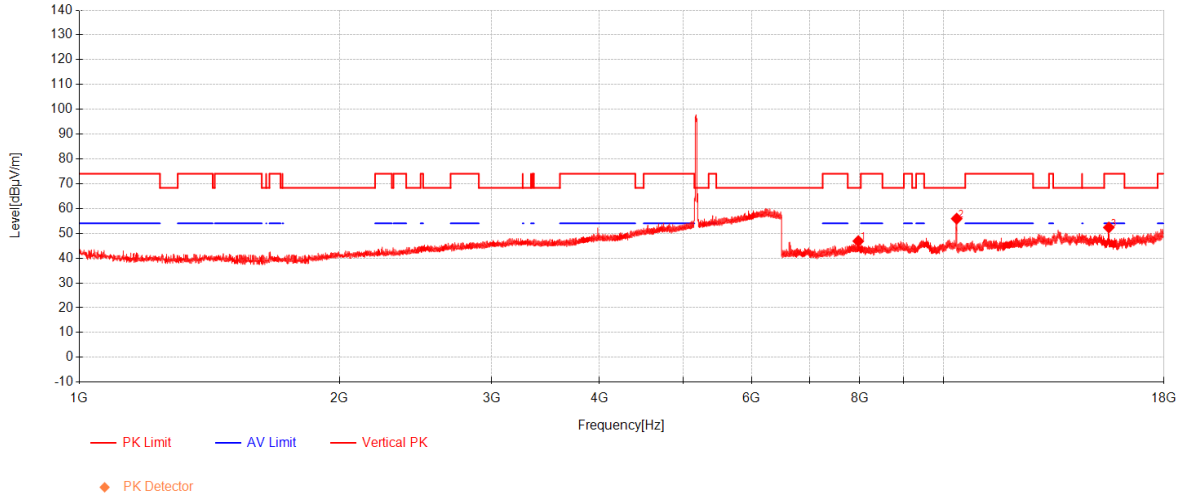


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802.11ac20 MIMO\_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7972	50.43	37.07	-40.64	46.86	68.30	21.44	265	241	Vertical
2	10360	54.26	38.08	-36.43	55.91	68.30	12.39	284	241	Vertical
3	15540	47.29	39.07	-34.01	52.36	74.00	21.64	118	290	Vertical

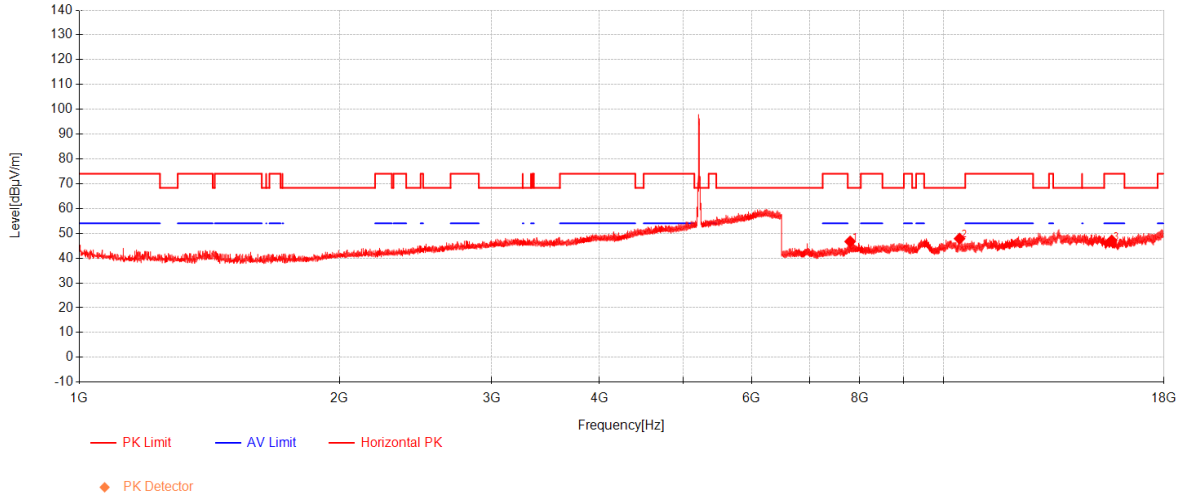


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802.11ac20 MIMO\_Channel 44



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7799.9792	50.50	36.90	-40.69	46.71	68.30	21.59	254	3	Horizontal
2	10440	45.98	38.12	-36.23	47.87	68.30	20.43	175	322	Horizontal
3	15660	42.25	38.85	-33.98	47.11	74.00	26.89	229	270	Horizontal

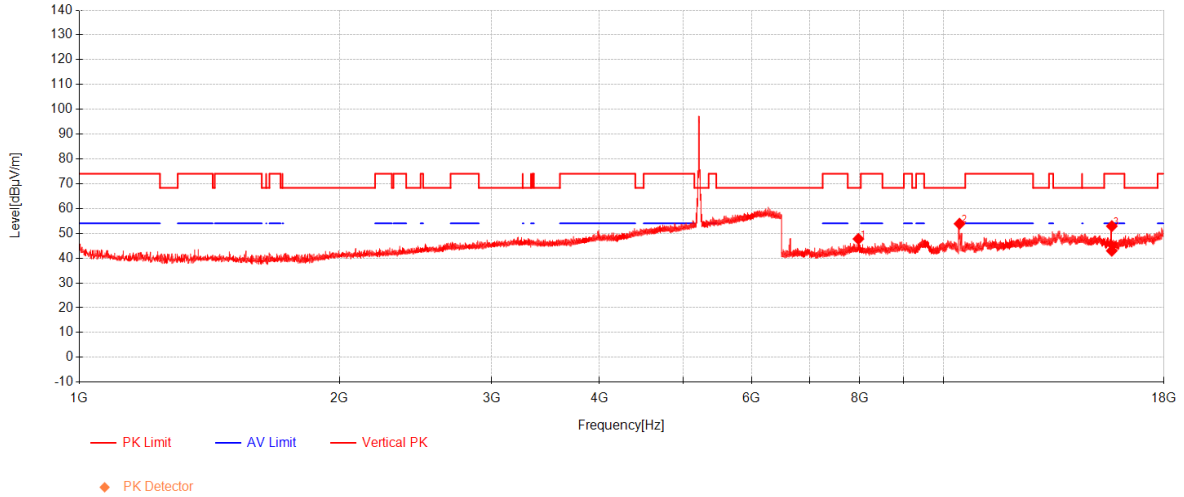


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802.11ac20 MIMO\_Channel 44



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7973.9167	51.29	37.07	-40.64	47.73	68.30	20.57	365	327	Vertical
2	10440	51.98	38.12	-36.23	53.87	68.30	14.43	356	237	Vertical
3	15664.5417	48.07	38.84	-34.00	52.91	74.00	21.09	254	296	Vertical
4	15663.1042	38.12	38.84	-33.99	42.97	54.00	11.03	254	296	Vertical

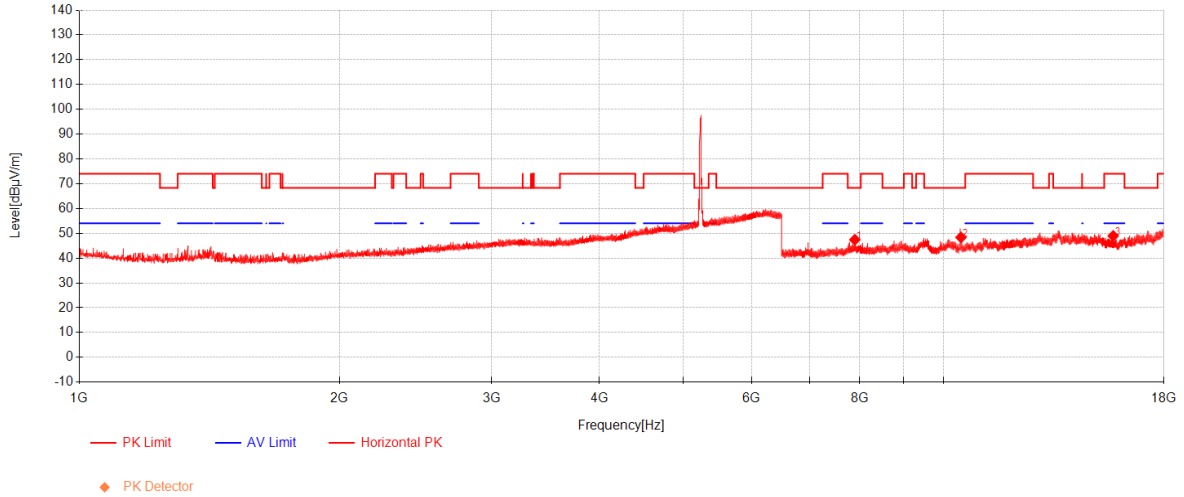


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802.11ac20 MIMO\_Channel 48



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7897.7292	51.11	37.00	-40.69	47.42	68.30	20.88	185	179	Horizontal
2	10480	46.41	38.14	-36.19	48.36	68.30	19.94	263	211	Horizontal
3	15720	44.26	38.73	-34.03	48.96	74.00	25.04	228	268	Horizontal

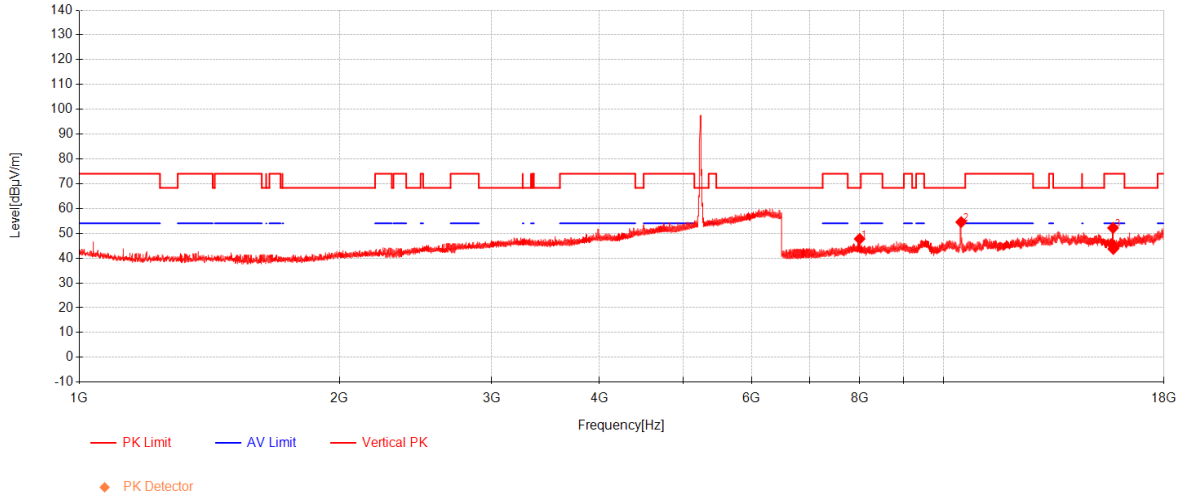


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802.11ac20 MIMO\_Channel 48



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7999.7917	51.28	37.10	-40.62	47.76	68.30	20.54	285	273	Vertical
2	10484.75	52.57	38.14	-36.19	54.53	68.30	13.77	254	240	Vertical
3	15713.8958	47.49	38.74	-34.05	52.18	74.00	21.82	362	301	Vertical
4	15723	38.99	38.73	-34.02	43.69	54.00	10.31	362	301	Vertical

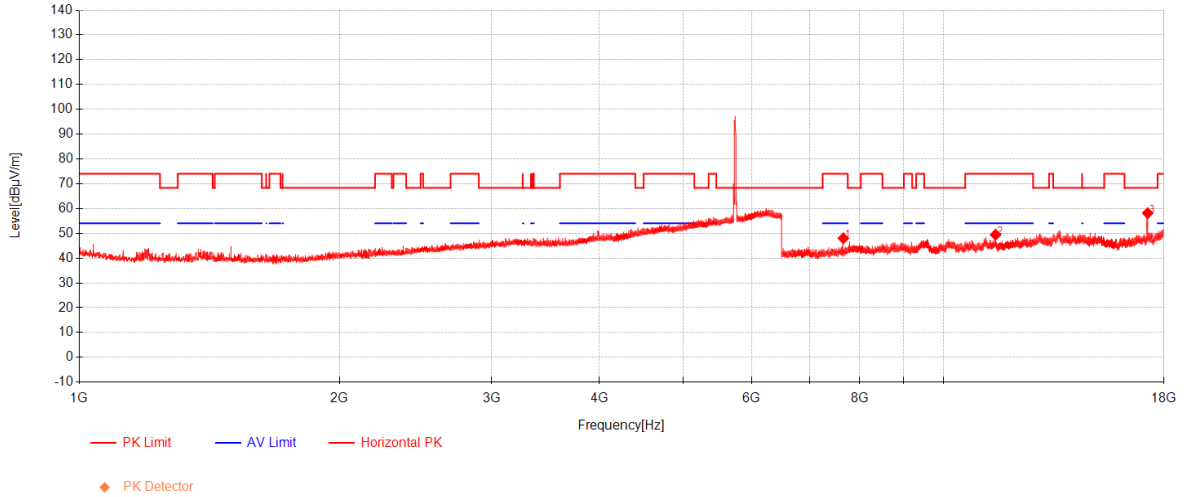


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802.11ac20 MIMO\_Channel 149



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	7660.0625	52.27	36.76	-41.03	48.00	74.00	26.00	285	211	Horizontal
2	11490	45.63	38.40	-34.59	49.44	74.00	24.56	254	272	Horizontal
3	17234.2917	50.16	39.46	-31.47	58.15	68.30	10.15	117	272	Horizontal



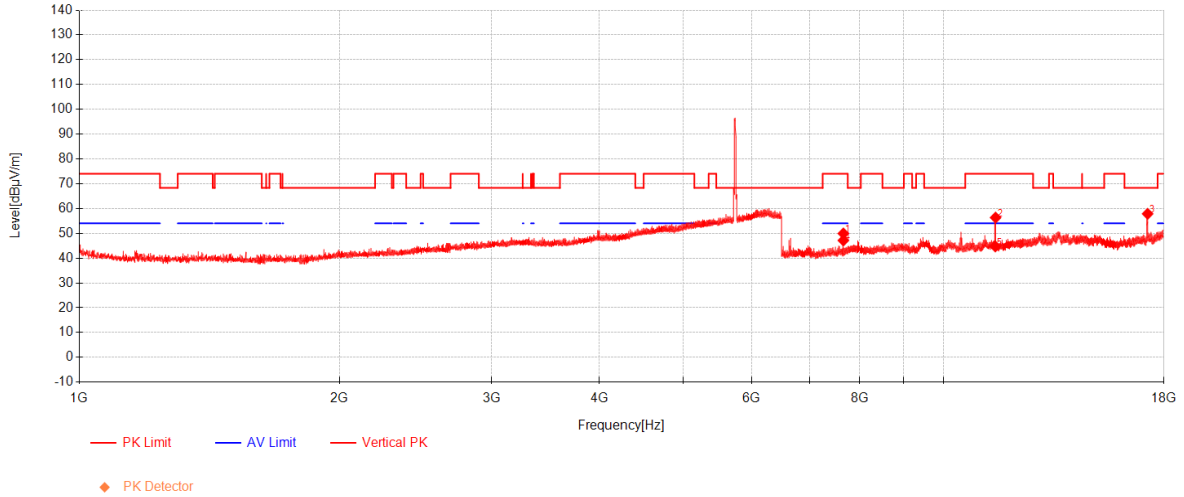
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802.11ac20 MIMO\_Channel 149



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	7660.0625	54.20	36.76	-41.03	49.93	74.00	24.07	285	265	Vertical
2	11491.4792	52.52	38.40	-34.58	56.34	74.00	17.66	254	241	Vertical
3	17230.9375	49.92	39.45	-31.50	57.87	68.30	10.43	142	272	Vertical
4	7660.5417	51.40	36.76	-41.03	47.13	54.00	6.87	285	265	Vertical
5	11482.8542	40.96	38.40	-34.63	44.73	54.00	9.27	142	241	Vertical

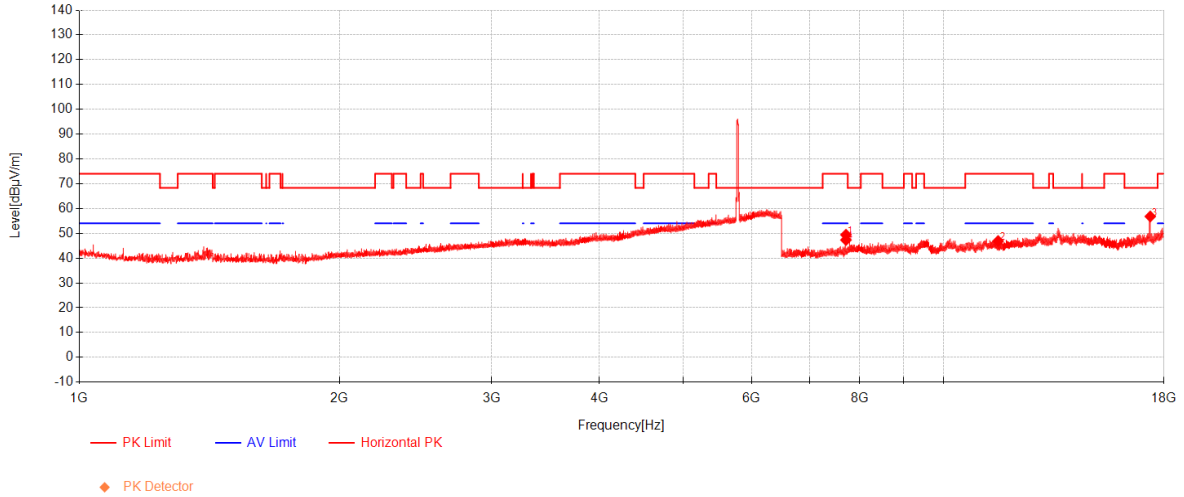


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802.11ac20 MIMO\_Channel 157



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7713.25	53.47	36.81	-40.86	49.42	74.00	24.58	265	181	Horizontal
2	11570	43.59	38.40	-35.09	46.90	74.00	27.10	284	321	Horizontal
3	17355	48.40	39.75	-31.34	56.81	68.30	11.49	142	268	Horizontal
4	7713.7292	51.37	36.81	-40.86	47.32	54.00	6.68	265	181	Horizontal

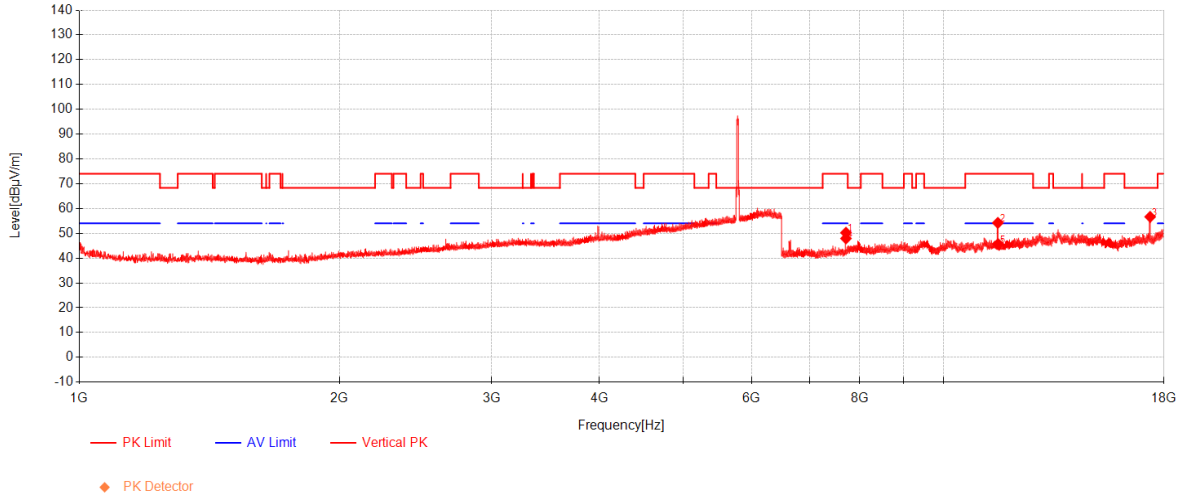


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802.11ac20 MIMO\_Channel 157



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7713.25	54.30	36.81	-40.86	50.25	74.00	23.75	254	239	Vertical
2	11561.9167	50.84	38.40	-35.02	54.22	74.00	19.78	142	204	Vertical
3	17348.3333	48.19	39.74	-31.27	56.65	68.30	11.65	265	264	Vertical
4	7713.7292	51.98	36.81	-40.86	47.93	54.00	6.07	254	239	Vertical
5	11570.5417	42.36	38.40	-35.09	45.67	54.00	8.33	142	204	Vertical

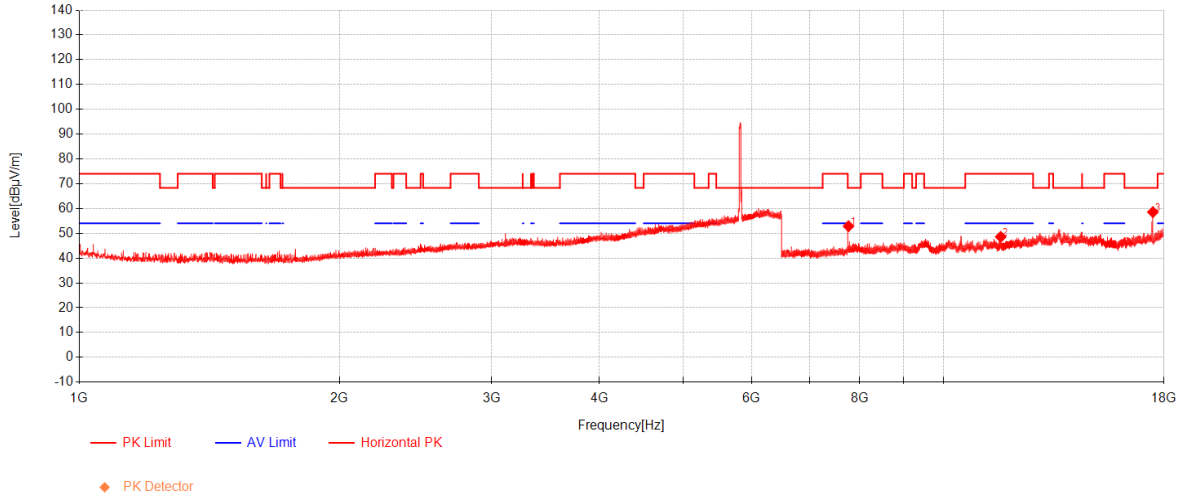


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802.11ac20 MIMO\_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7766.4375	56.78	36.87	-40.76	52.89	68.30	15.41	185	206	Horizontal
2	11650	45.20	38.40	-35.02	48.58	74.00	25.42	254	328	Horizontal
3	17475.7917	50.14	40.04	-31.62	58.57	68.30	9.73	142	268	Horizontal

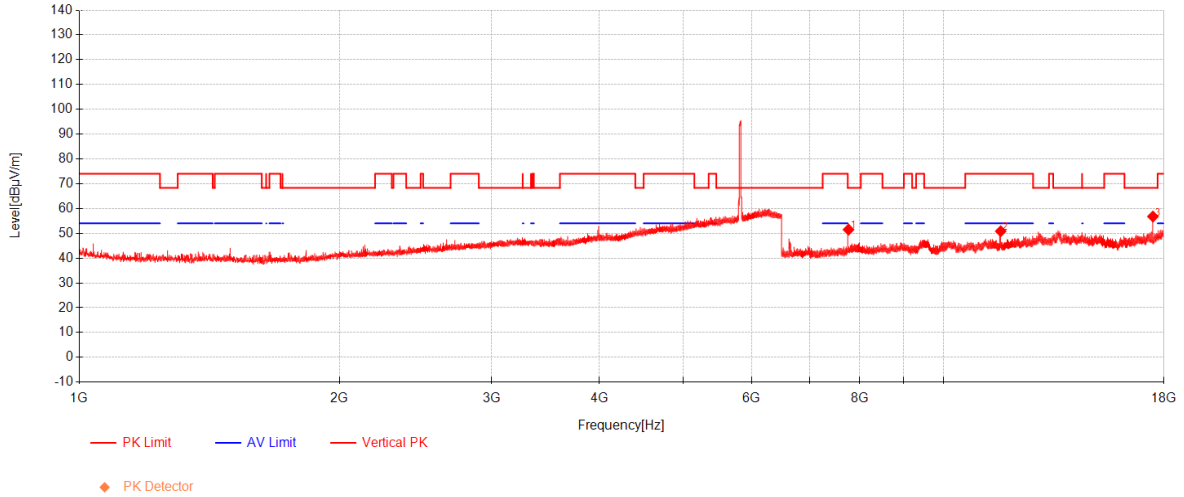


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802.11ac20 MIMO\_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7766.4375	55.40	36.87	-40.76	51.51	68.30	16.79	365	268	Vertical
2	11650	47.48	38.40	-35.02	50.86	74.00	23.14	285	236	Vertical
3	17476.75	48.35	40.04	-31.61	56.78	68.30	11.52	224	300	Vertical

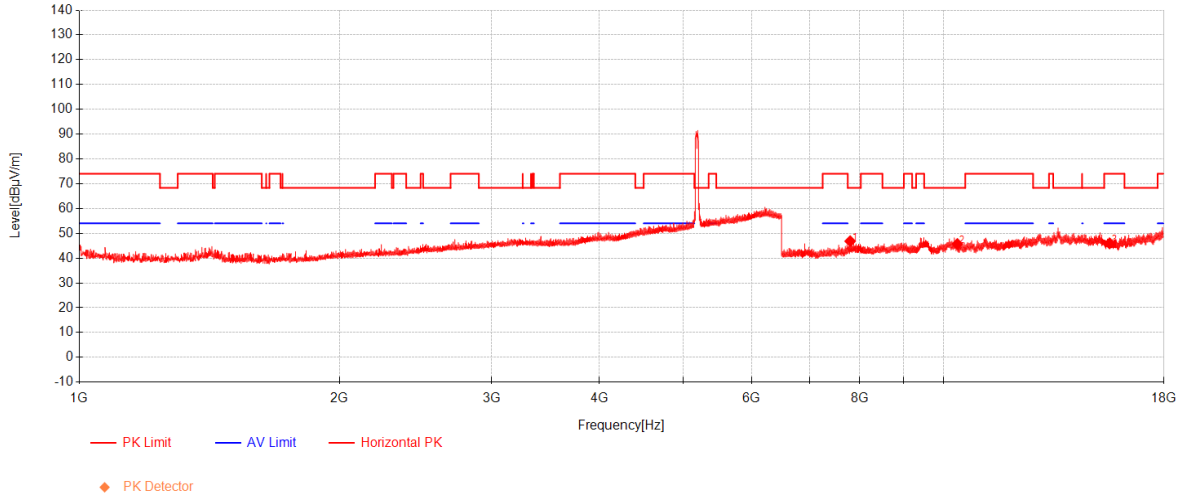


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802.11ac40 MIMO\_Channel 38



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	7799.5	50.61	36.90	-40.69	46.82	68.30	21.48	296	334	Horizontal
2	10380	43.96	38.09	-36.35	45.70	68.30	22.60	254	360	Horizontal
3	15570	40.83	39.02	-33.91	45.94	74.00	28.06	175	206	Horizontal

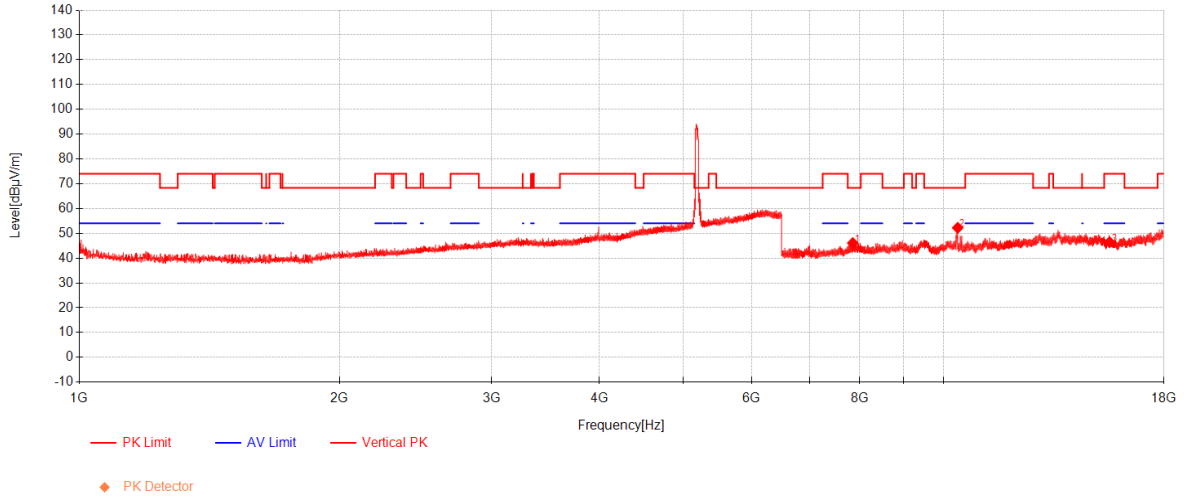


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802.11ac40 MIMO\_Channel 38



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	7856.0417	49.80	36.96	-40.69	46.07	68.30	22.23	265	360	Vertical
2	10388.4375	50.46	38.09	-36.32	52.24	68.30	16.06	284	239	Vertical
3	15570	41.32	39.02	-33.91	46.43	74.00	27.57	142	360	Vertical

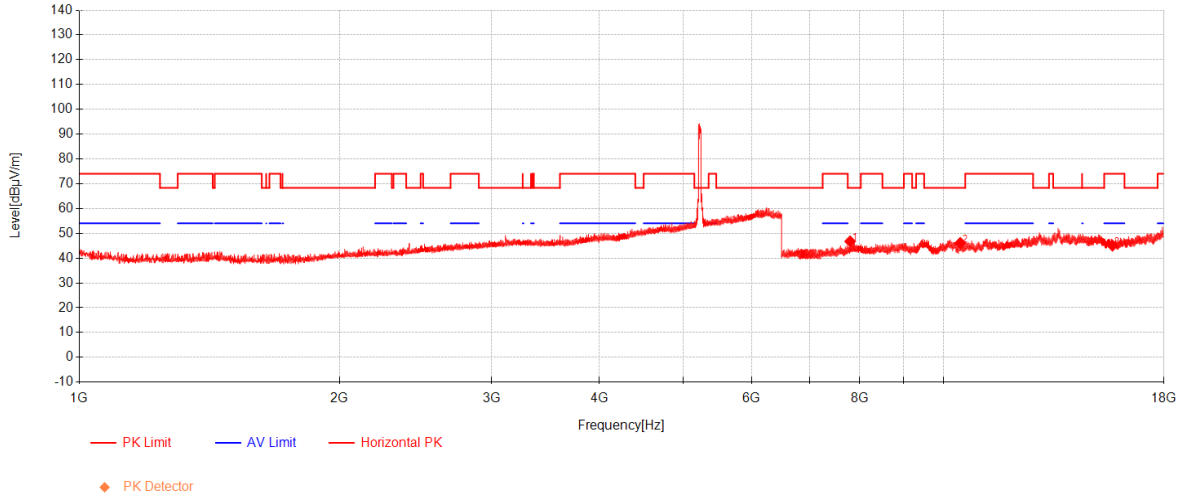


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802.11ac40 MIMO\_Channel 46



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7799.9792	50.55	36.90	-40.69	46.76	68.30	21.54	296	296	Horizontal
2	10460	44.21	38.13	-36.21	46.13	68.30	22.17	254	298	Horizontal
3	15690	40.32	38.79	-34.07	45.04	74.00	28.96	118	350	Horizontal



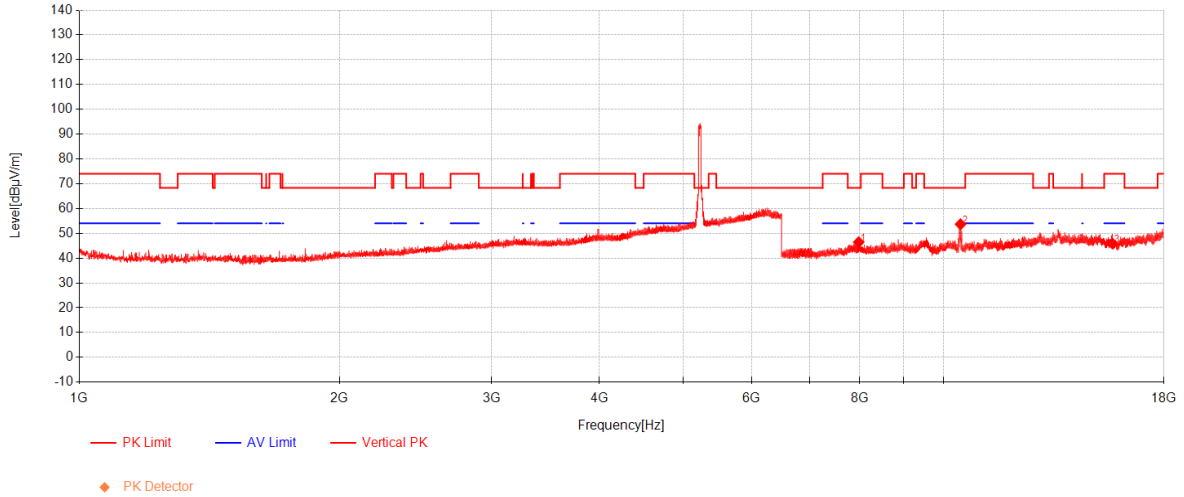
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802.11ac40 MIMO\_Channel 46



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7979.6667	49.98	37.08	-40.63	46.43	68.30	21.87	362	271	Vertical
2	10466.0625	51.74	38.13	-36.20	53.67	68.30	14.63	285	243	Vertical
3	15690	41.17	38.79	-34.07	45.89	74.00	28.11	224	308	Vertical

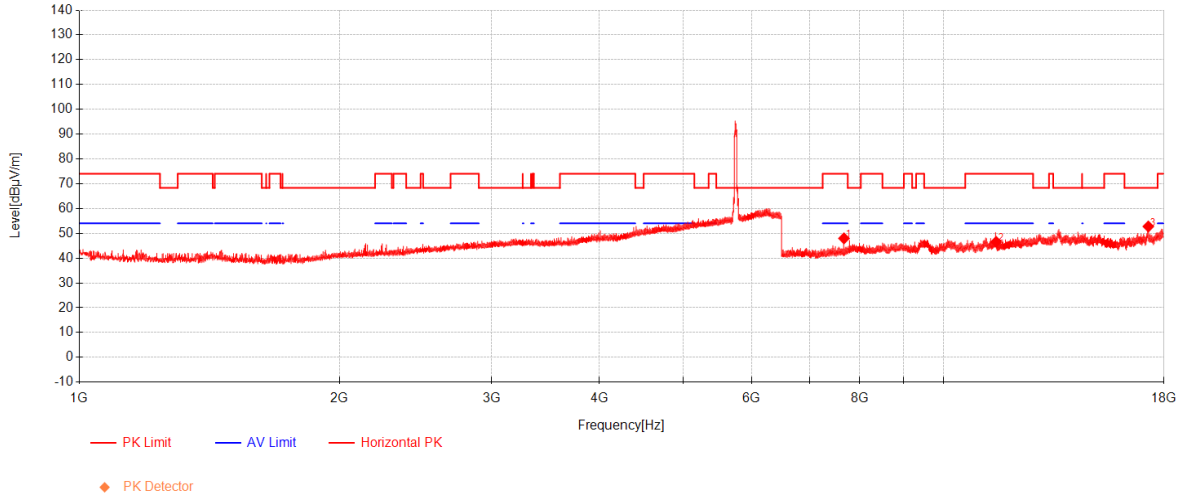


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802.11ac40 MIMO\_Channel 151



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	7673.4792	52.18	36.77	-40.98	47.97	74.00	26.03	365	272	Horizontal
2	11510	42.78	38.40	-34.62	46.56	74.00	27.44	284	234	Horizontal
3	17265	44.39	39.54	-31.16	52.76	68.30	15.54	114	272	Horizontal



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