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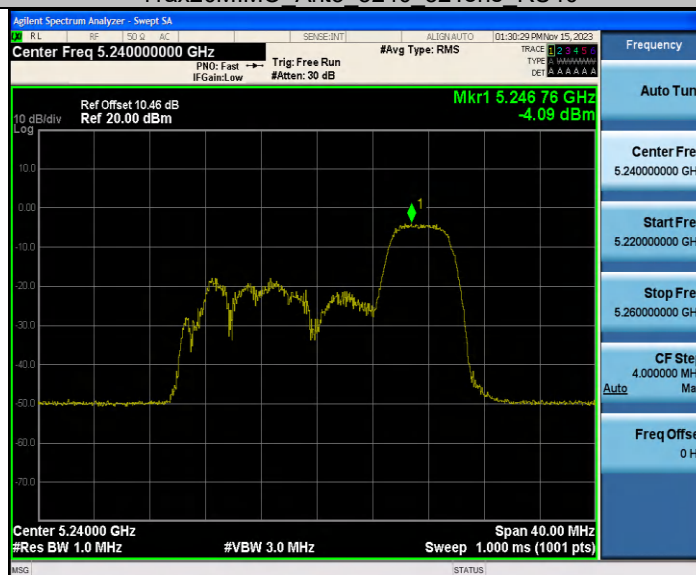
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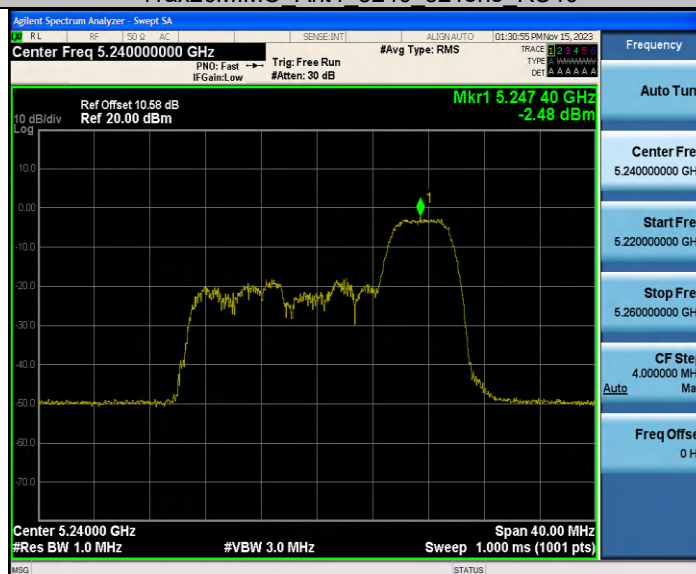
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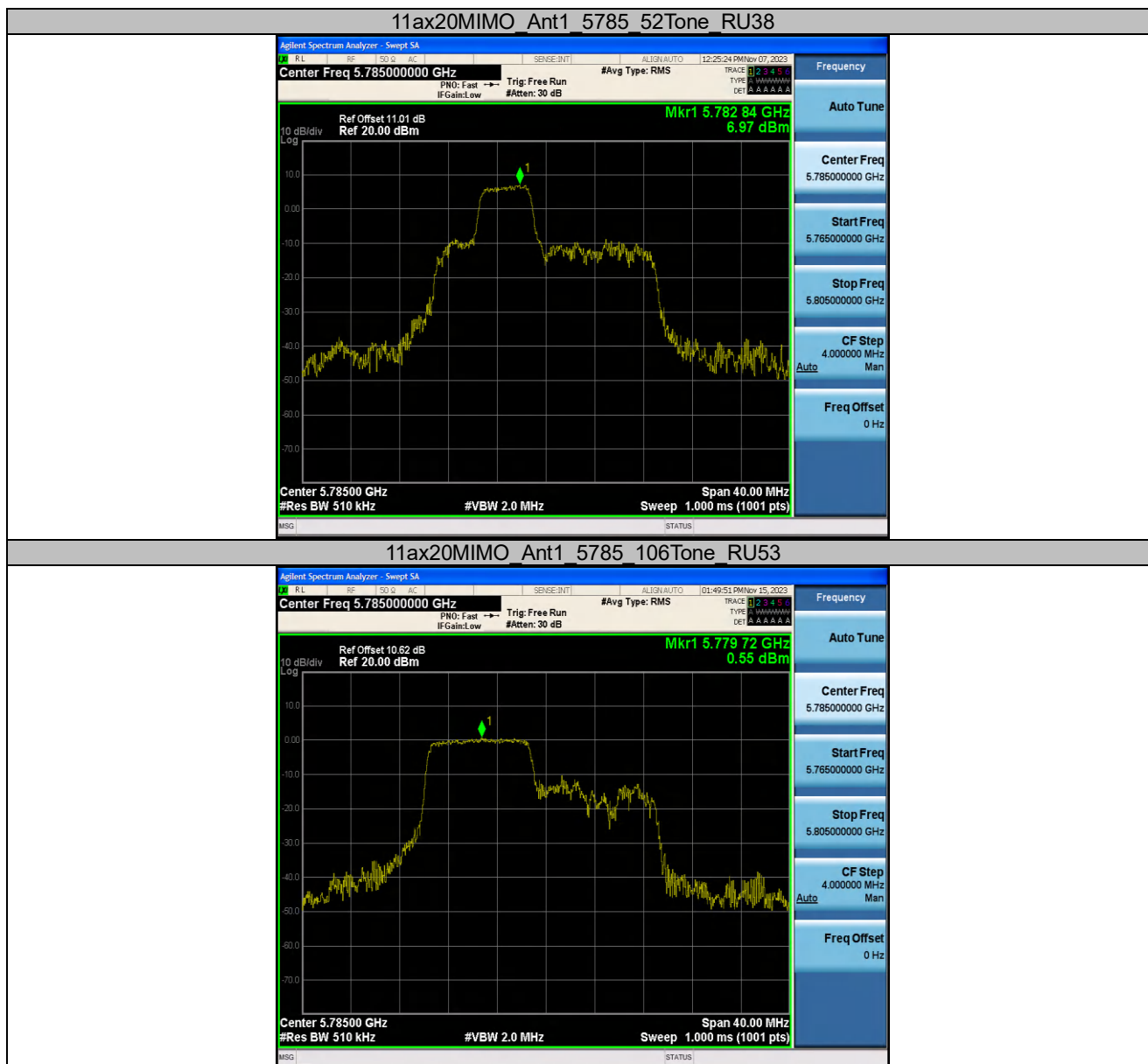
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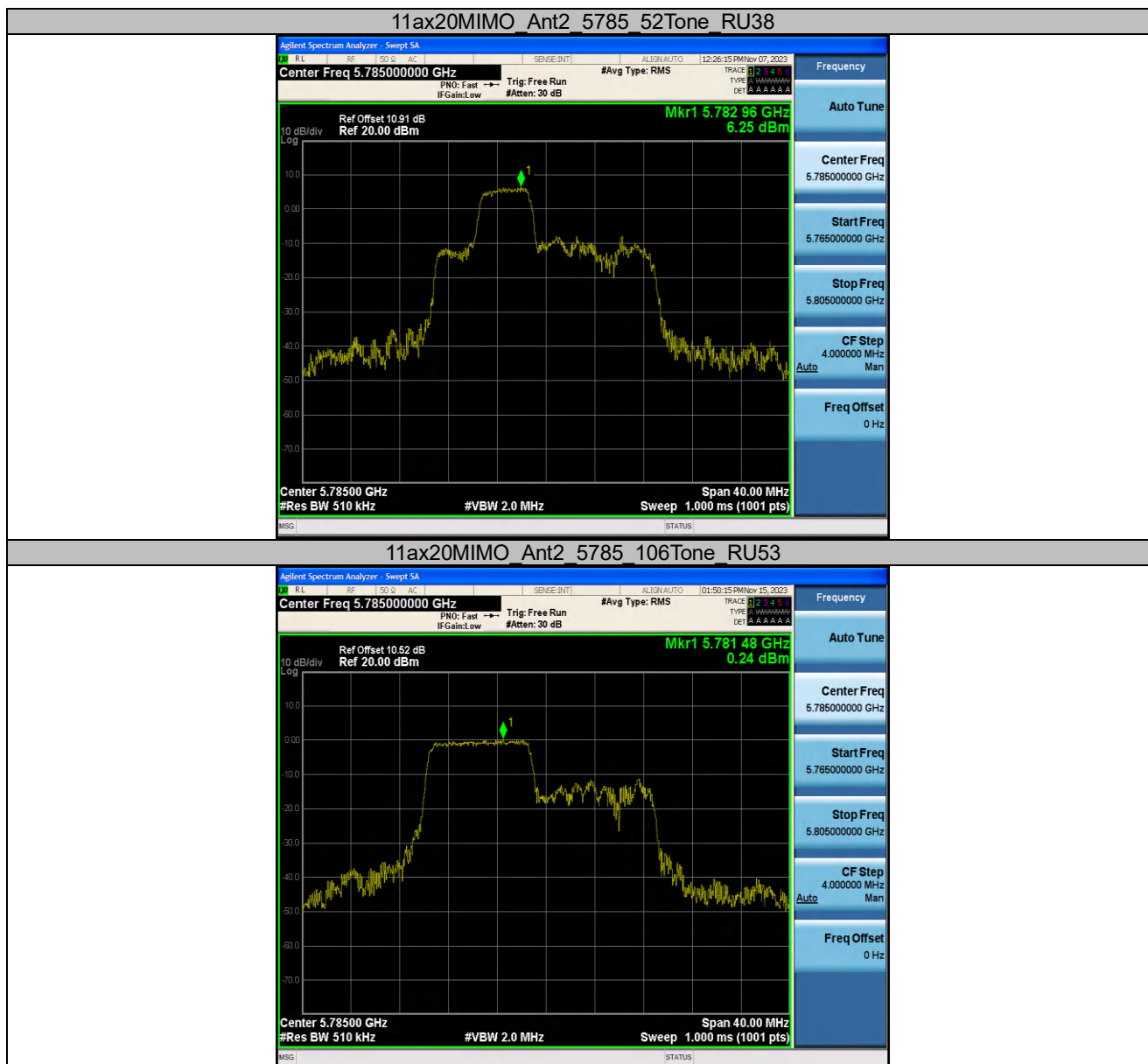
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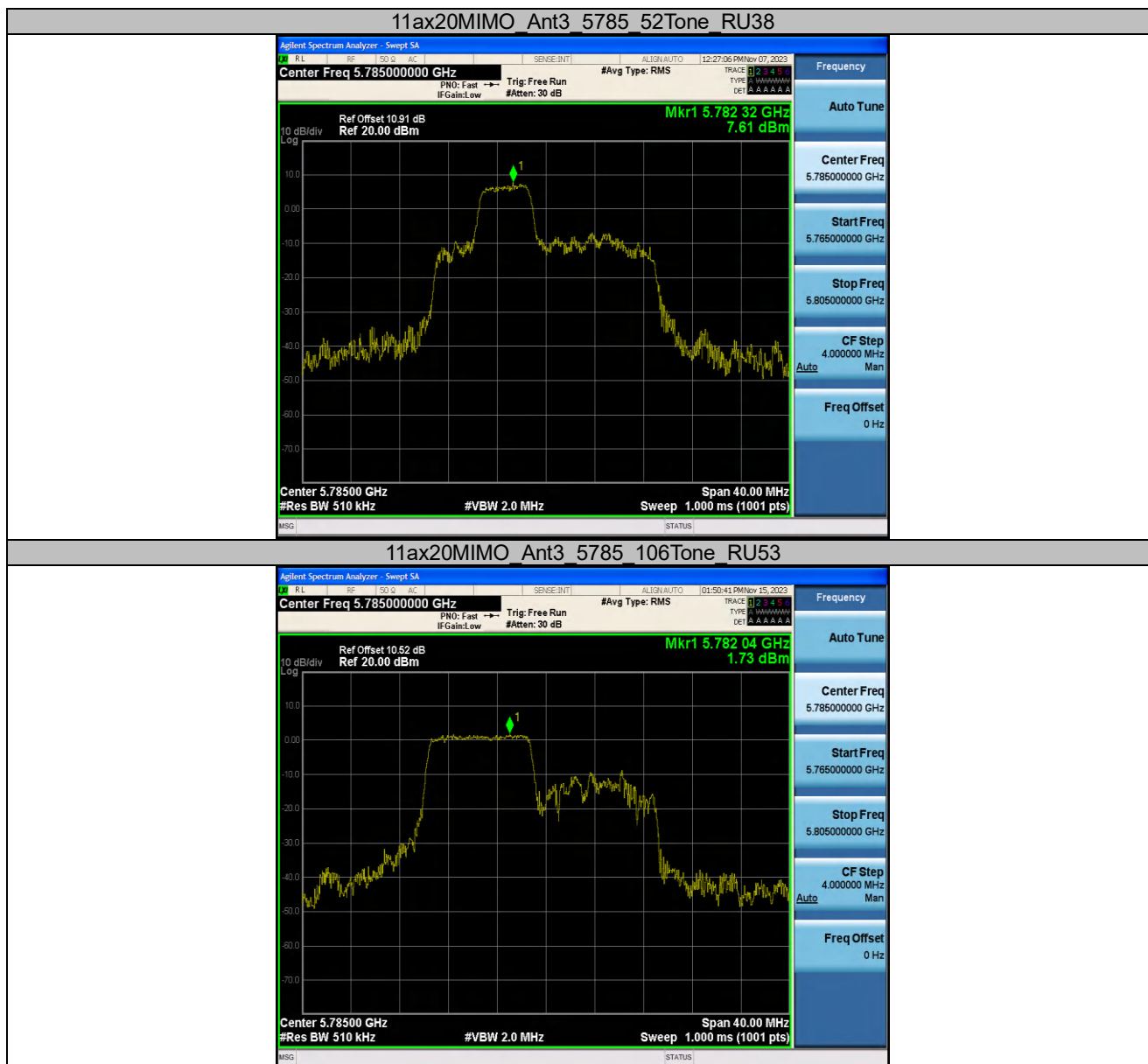
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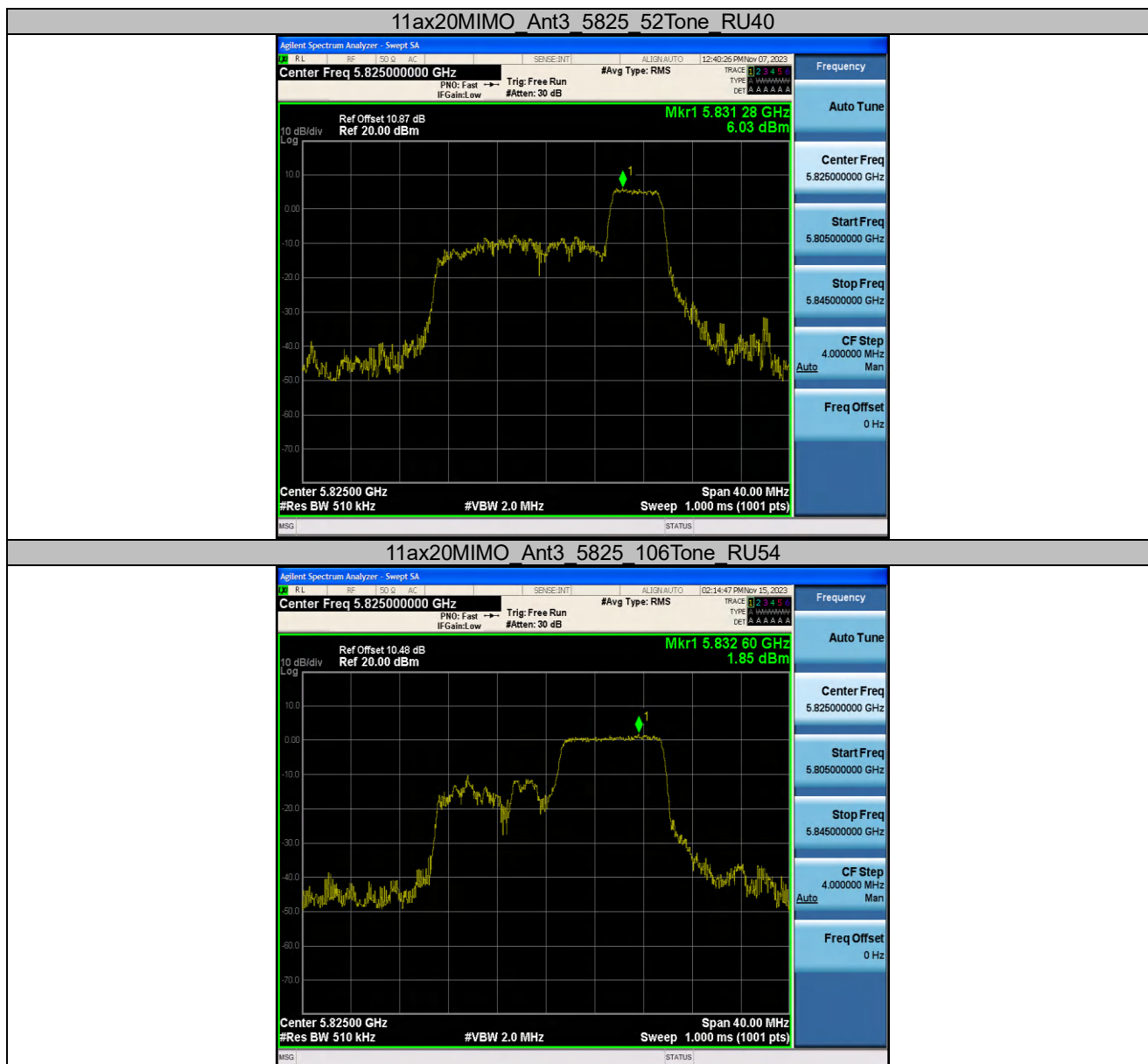
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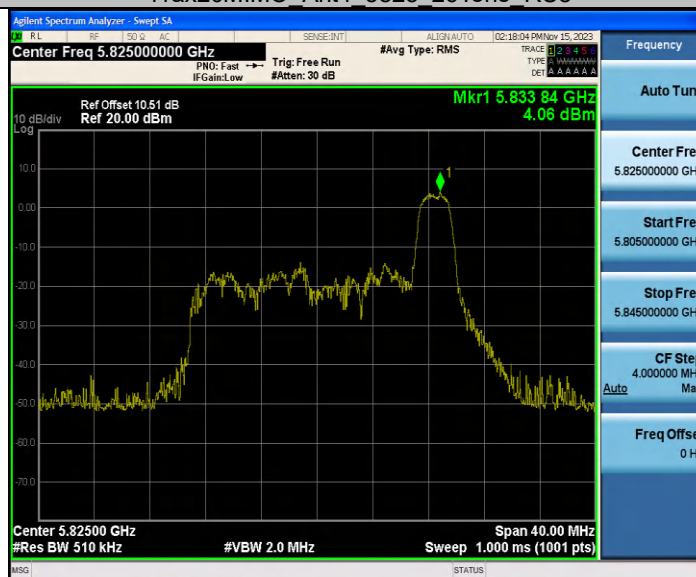
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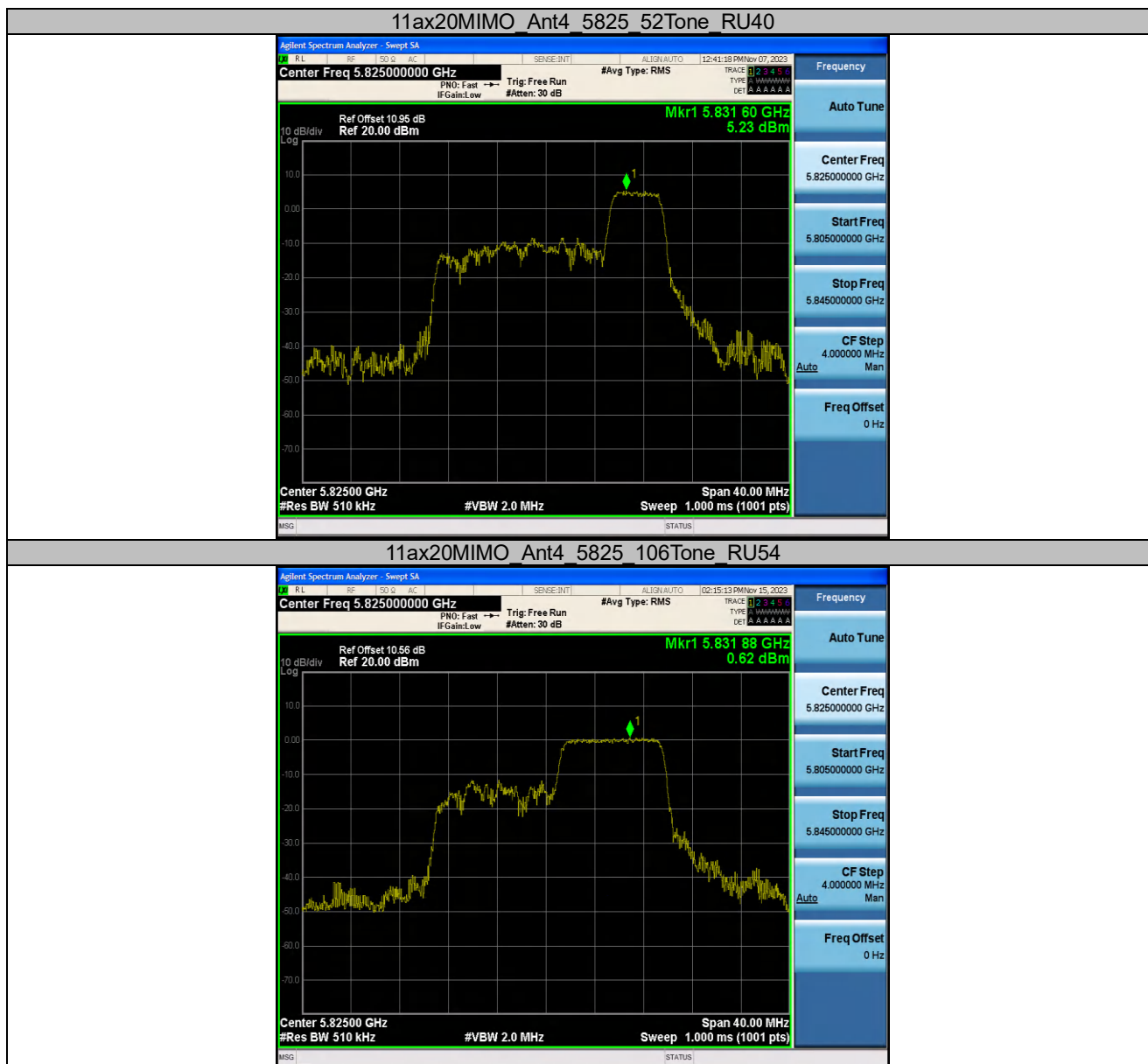
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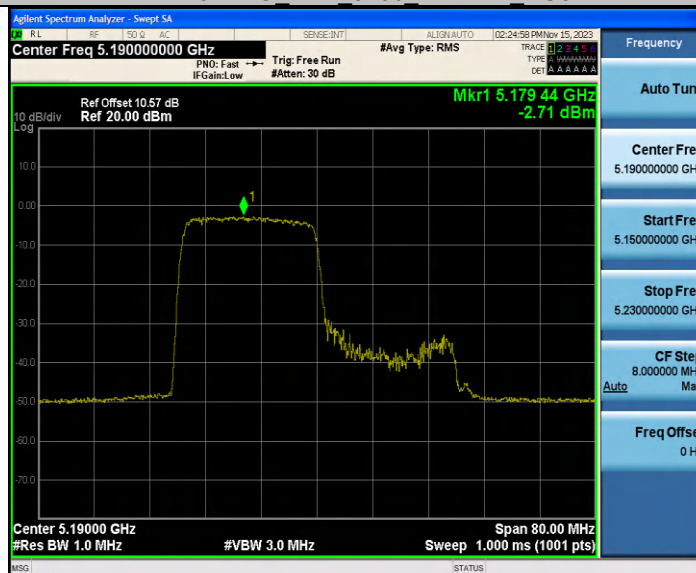
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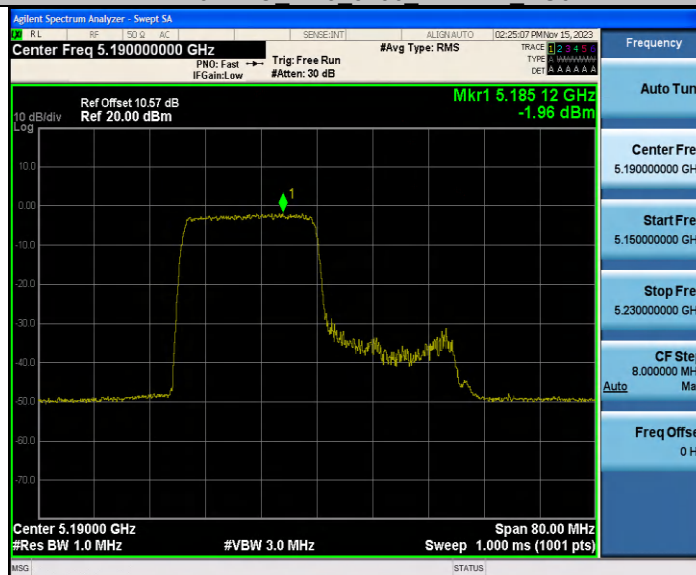
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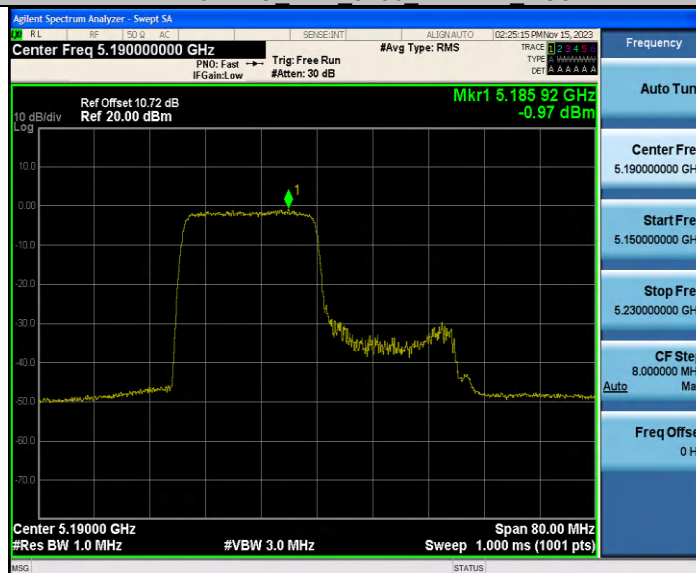
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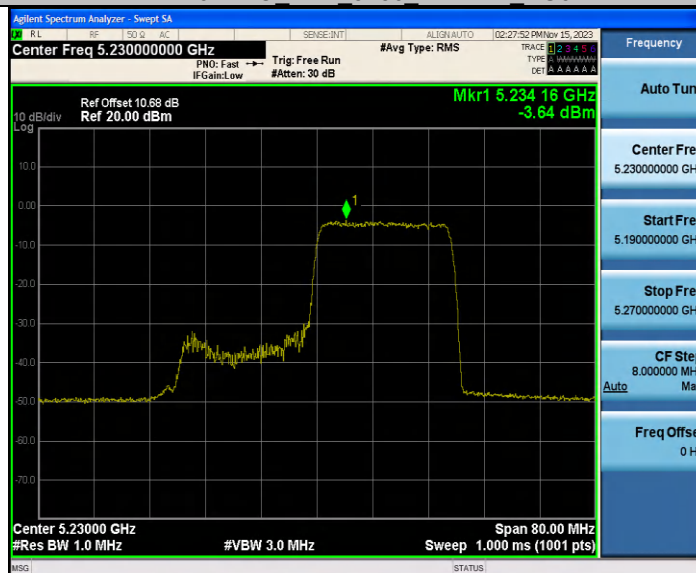
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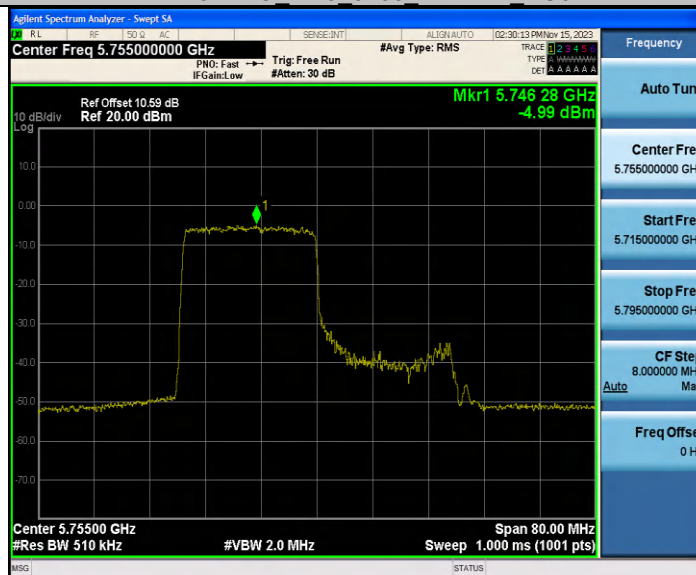
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Report No.: XEWM2311000559RG02

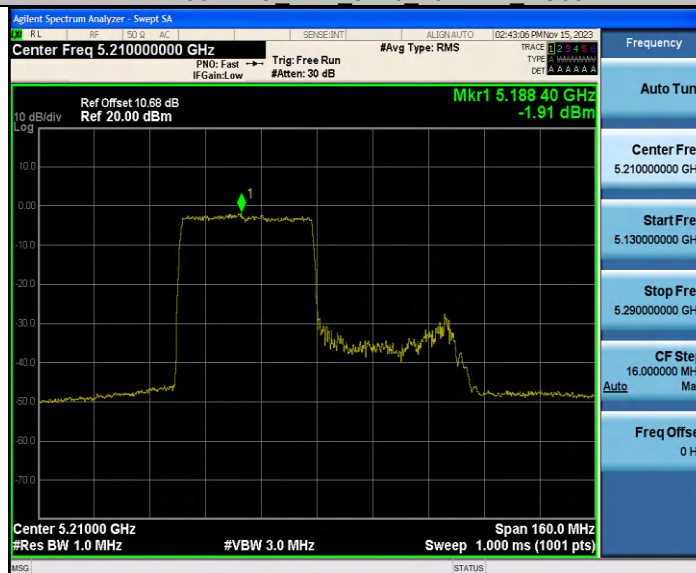
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11ax80MIMO_Ant4_5210_484Tone_RU65



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11ax80MIMO Ant1 5775 484Tone RU65



11ax80MIMO Ant2 5775 484Tone RU65



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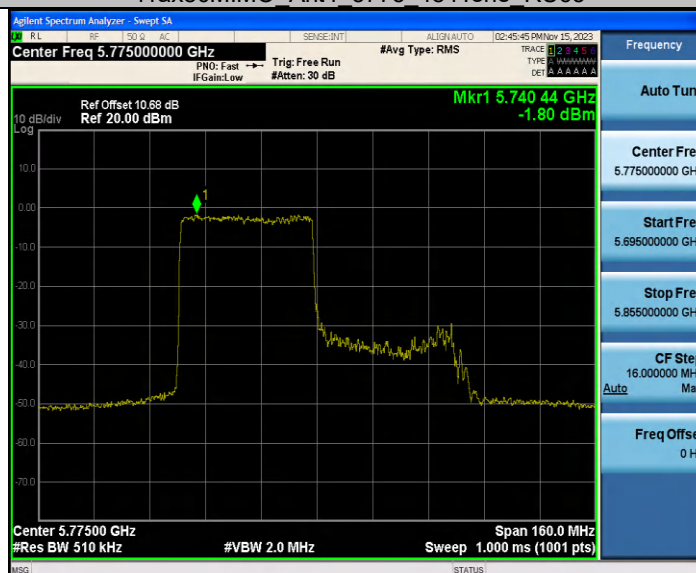
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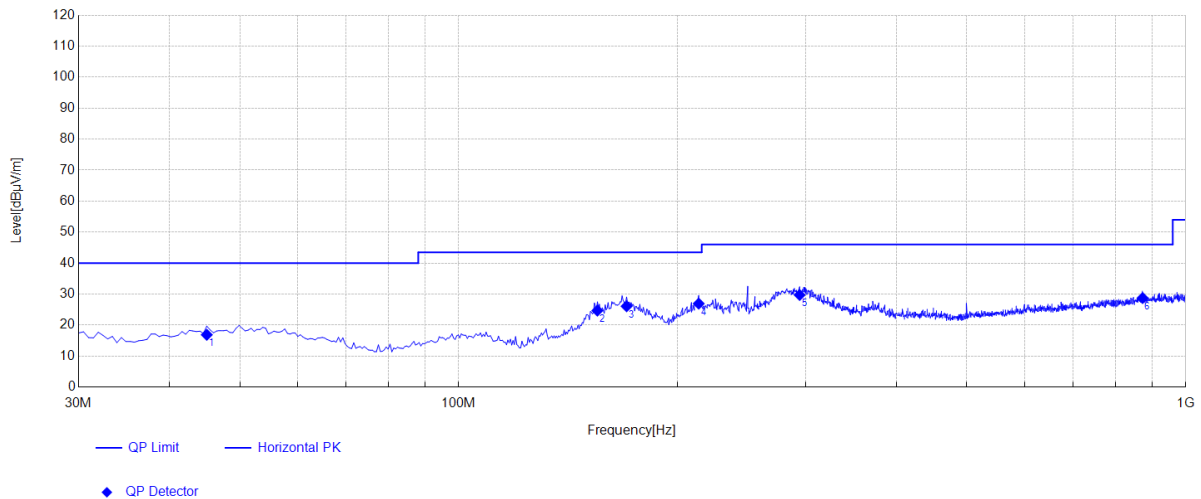
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 802.11ac20_Channel 36 MIMO

Data List								
NO.	Freq. [MHz]	AF [dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	45.0425	13.91	-27.83	30.81	16.89	40.00	23.11	Horizontal
2	155.1926	8.20	-26.56	43.05	24.69	43.50	18.81	Horizontal
3	170.2351	8.72	-26.52	43.89	26.09	43.50	17.41	Horizontal
4	213.907	11.28	-26.76	42.42	26.94	43.50	16.56	Horizontal
5	294.4572	13.37	-25.76	42.13	29.74	46.00	16.26	Horizontal
6	872.3812	21.70	-23.77	30.81	28.74	46.00	17.26	Horizontal



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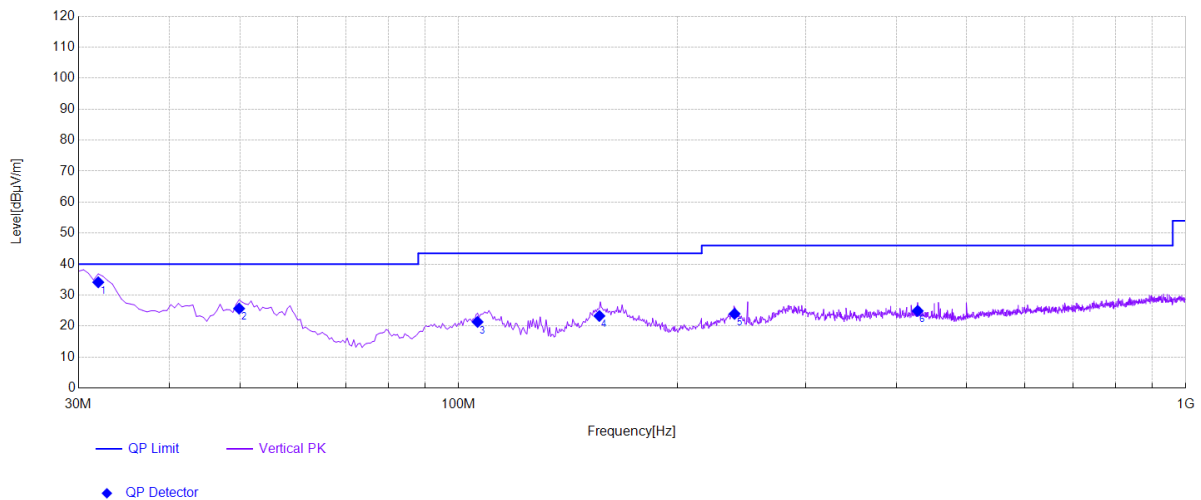
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Data List

NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	31.941	11.19	-28.01	50.98	34.16	40.00	5.84	Vertical
2	49.8949	14.11	-27.70	39.25	25.66	40.00	14.34	Vertical
3	106.1831	11.86	-27.12	36.62	21.36	43.50	22.14	Vertical
4	156.1631	8.22	-26.53	41.59	23.28	43.50	20.22	Vertical
5	239.6248	12.48	-26.30	37.79	23.97	46.00	22.03	Vertical
6	427.8989	16.06	-25.16	34.01	24.91	46.00	21.09	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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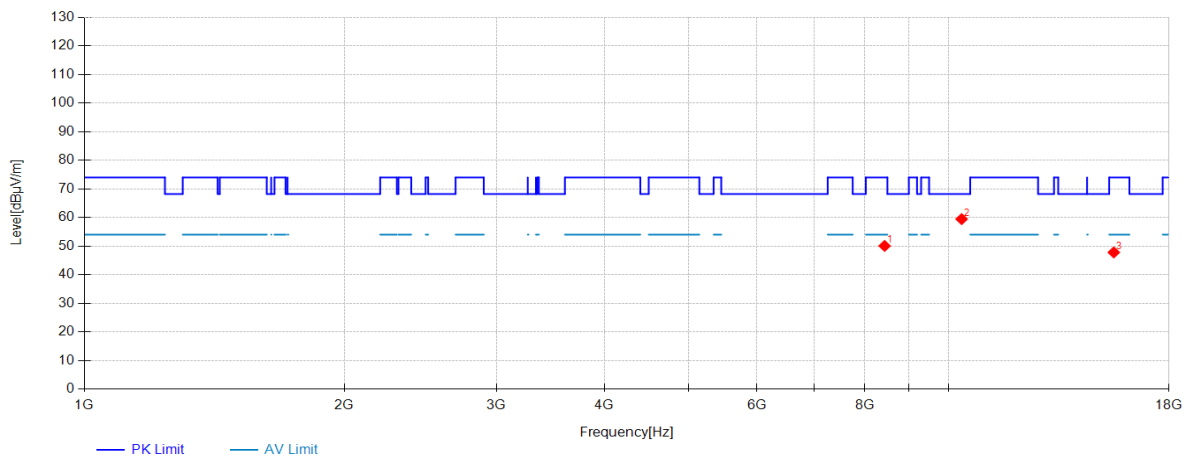
Report No.: XEWM2311000559RG02

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Transmitter emission Above 1GHz

802.11a_Channel 36 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8437	51.08	36.43	-37.46	50.05	74.00	23.95	Horizontal
2	10359.5	56.35	39.16	-36.09	59.42	68.20	8.78	Horizontal
3	15540	44.74	38.74	-35.71	47.77	74.00	26.23	Horizontal



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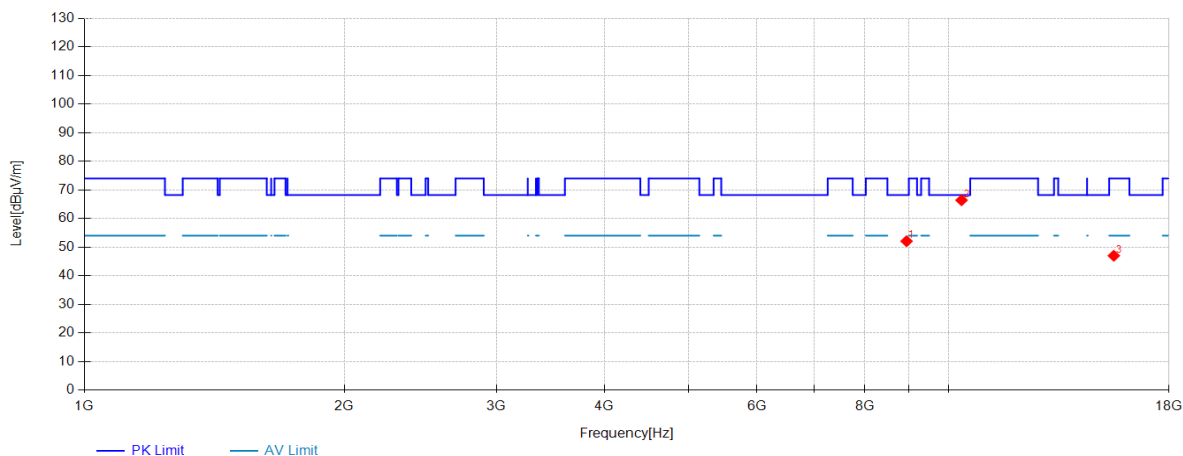
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802.11a_Channel 36 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8946	51.81	36.88	-36.63	52.06	68.20	16.14	Vertical
2	10357.5	63.30	39.16	-36.09	66.37	68.20	1.83	Vertical
3	15540	43.93	38.74	-35.71	46.96	74.00	27.04	Vertical



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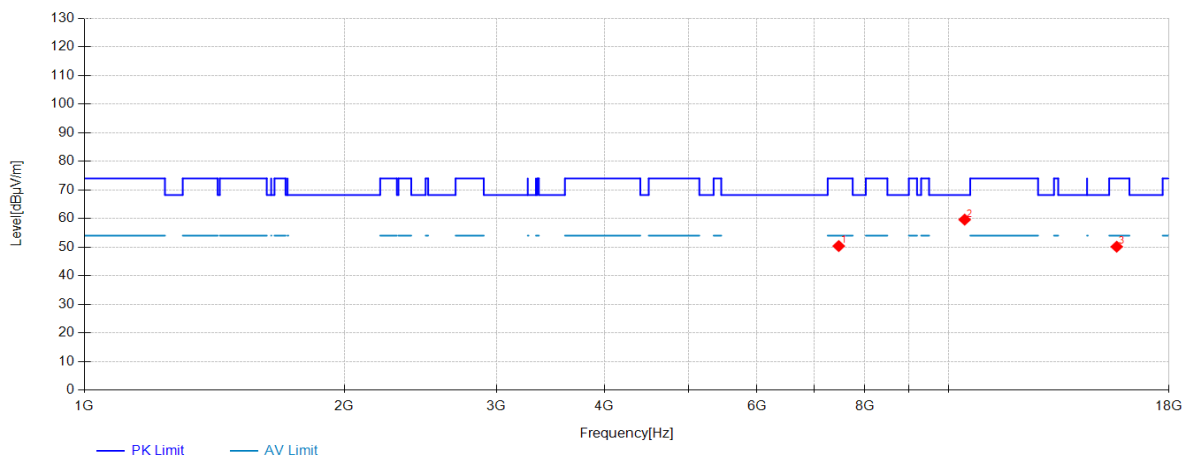
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802.11a_Channel 44 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7466	52.39	36.83	-38.87	50.35	74.00	23.65	Horizontal
2	10443.5	56.58	39.07	-36.07	59.58	68.20	8.62	Horizontal
3	15660	45.68	38.50	-34.06	50.12	74.00	23.88	Horizontal



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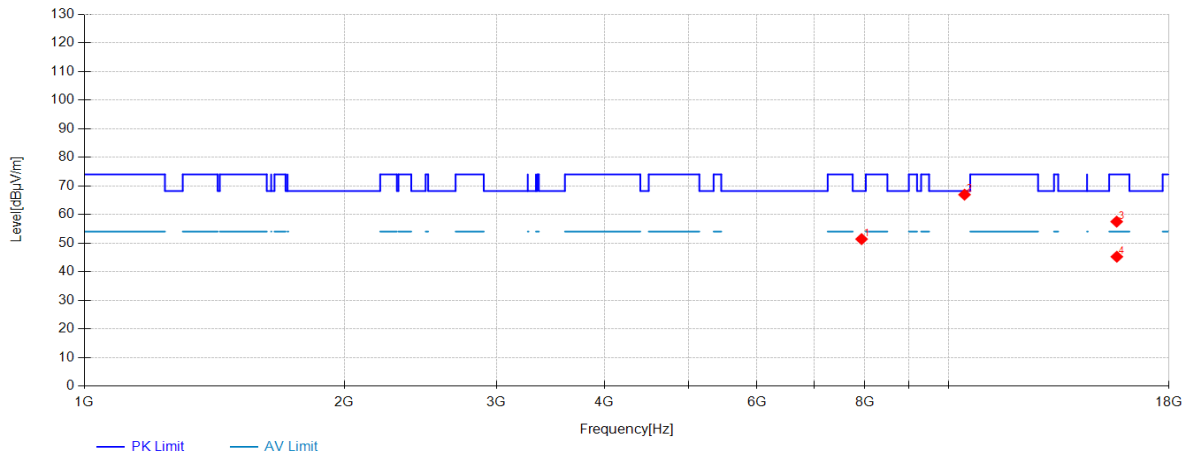
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802.11a_Channel 44 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7935	53.05	36.43	-38.10	51.38	68.20	16.82	Vertical
2	10440	63.90	39.08	-36.07	66.91	68.20	1.29	Vertical
3	15658.5	53.08	38.50	-34.09	57.49	74.00	16.51	Vertical
4	15666	40.65	38.50	-33.93	45.22	54.00	8.78	Vertical



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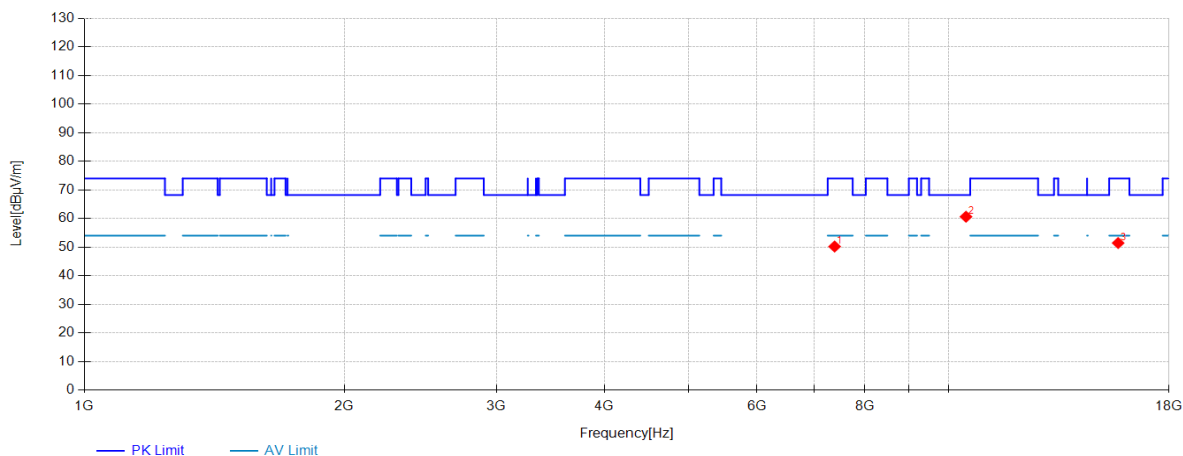
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802.11a_Channel 48 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7384.5	52.52	36.64	-38.98	50.18	74.00	23.82	Horizontal
2	10480.5	57.70	38.96	-36.06	60.60	68.20	7.60	Horizontal
3	15720	46.35	38.42	-33.36	51.41	74.00	22.59	Horizontal



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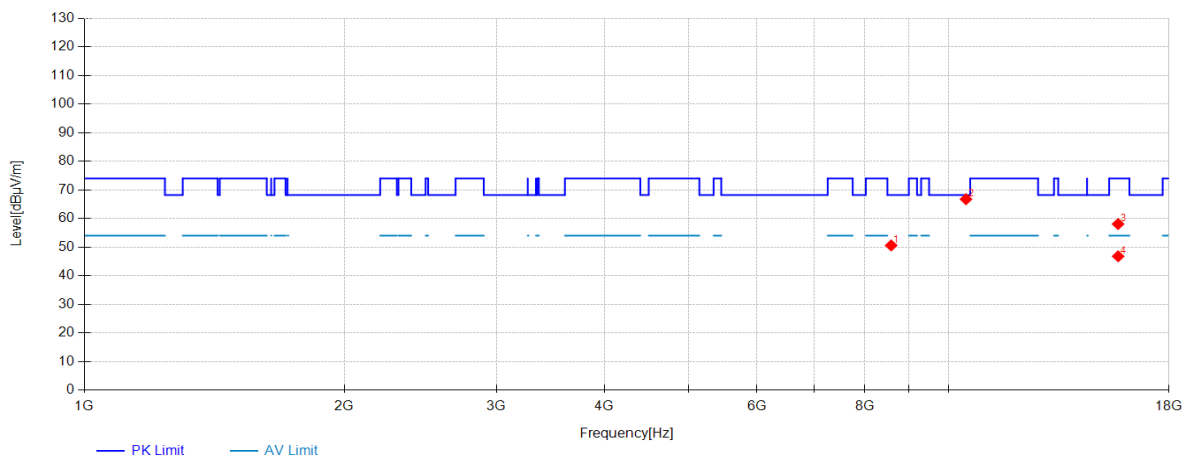
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802.11a_Channel 48 ANT 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8586	51.43	36.53	-37.40	50.56	68.20	17.64	Vertical
2	10480.5	63.82	38.96	-36.06	66.72	68.20	1.48	Vertical
3	15716.5	52.94	38.43	-33.33	58.04	74.00	15.96	Vertical
4	15720.5	41.71	38.42	-33.36	46.77	54.00	7.23	Vertical



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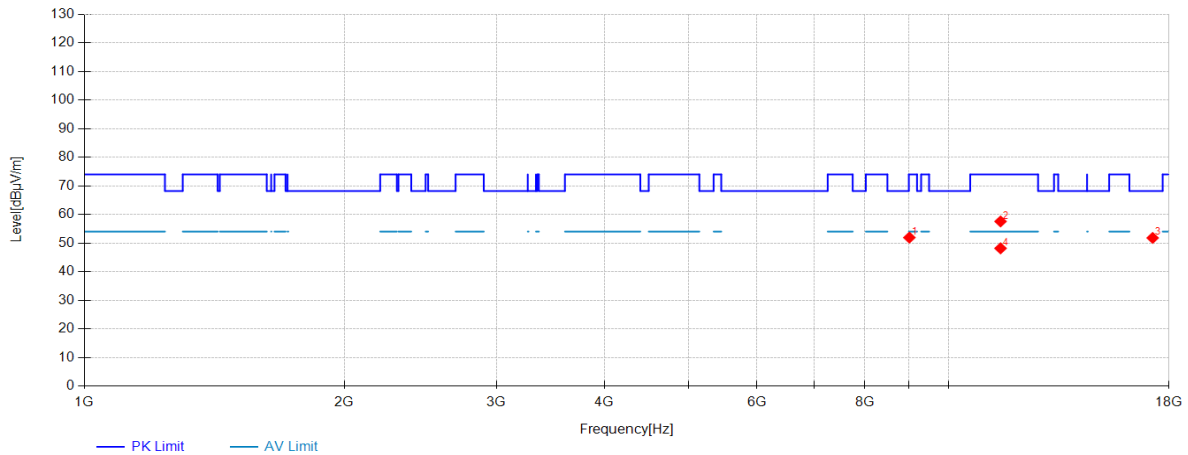
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9013	52.04	36.65	-36.77	51.92	74.00	22.08	Horizontal
2	11491.5	56.13	40.21	-38.78	57.56	74.00	16.44	Horizontal
3	17235	47.99	42.78	-38.98	51.79	68.20	16.41	Horizontal
4	11492.5	46.73	40.21	-38.78	48.16	54.00	5.84	Horizontal



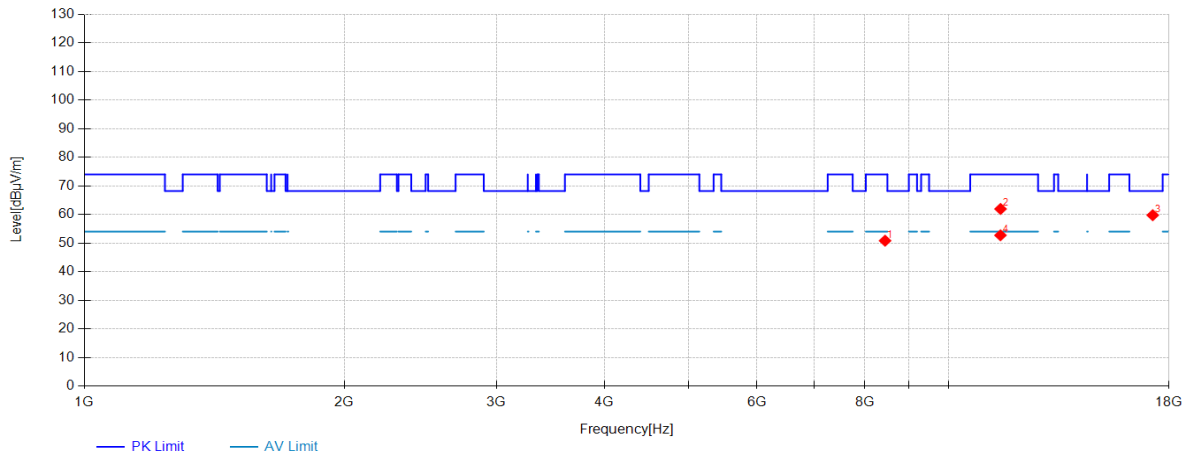
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8448.5	51.84	36.40	-37.42	50.82	74.00	23.18	Vertical
2	11492.5	60.49	40.21	-38.78	61.92	74.00	12.08	Vertical
3	17238	55.89	42.80	-38.96	59.73	68.20	8.47	Vertical
4	11488.5	51.26	40.21	-38.76	52.71	54.00	1.29	Vertical



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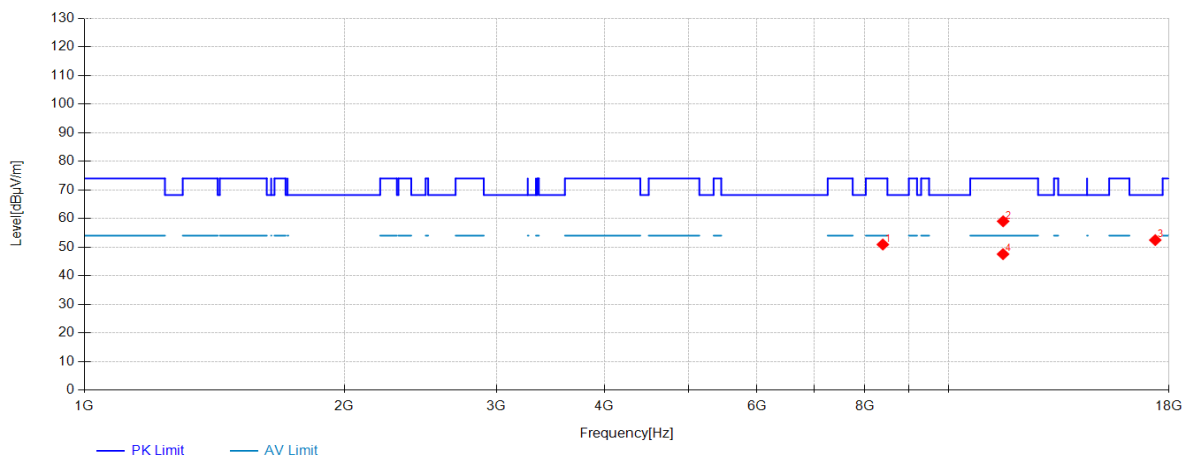
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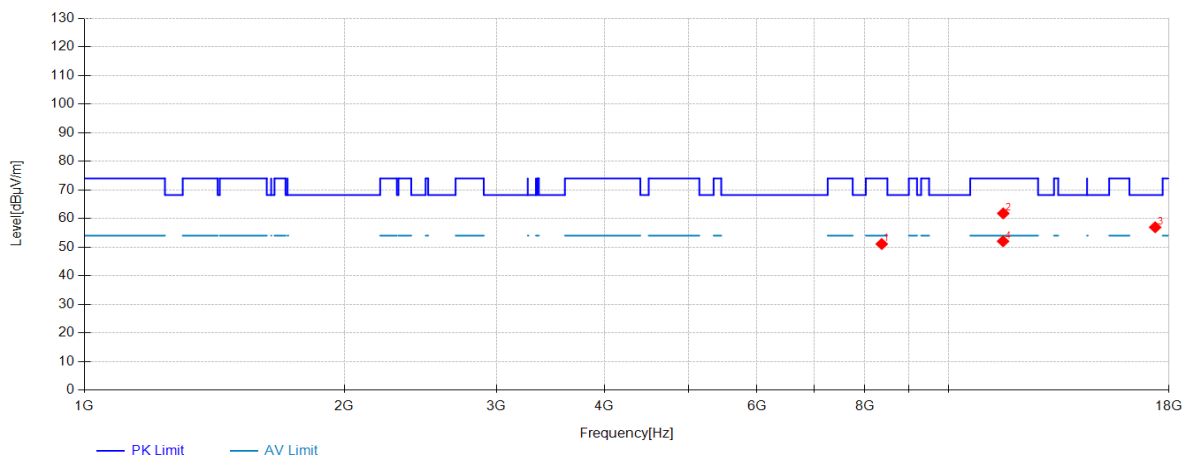
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1	8397.5	51.97	36.49	-37.57	50.89	74.00	23.11	Horizontal
2	11571	56.68	40.27	-37.94	59.01	74.00	14.99	Horizontal
3	17355	47.19	43.96	-38.71	52.44	68.20	15.76	Horizontal
4	11567.5	45.24	40.27	-37.98	47.53	54.00	6.47	Horizontal

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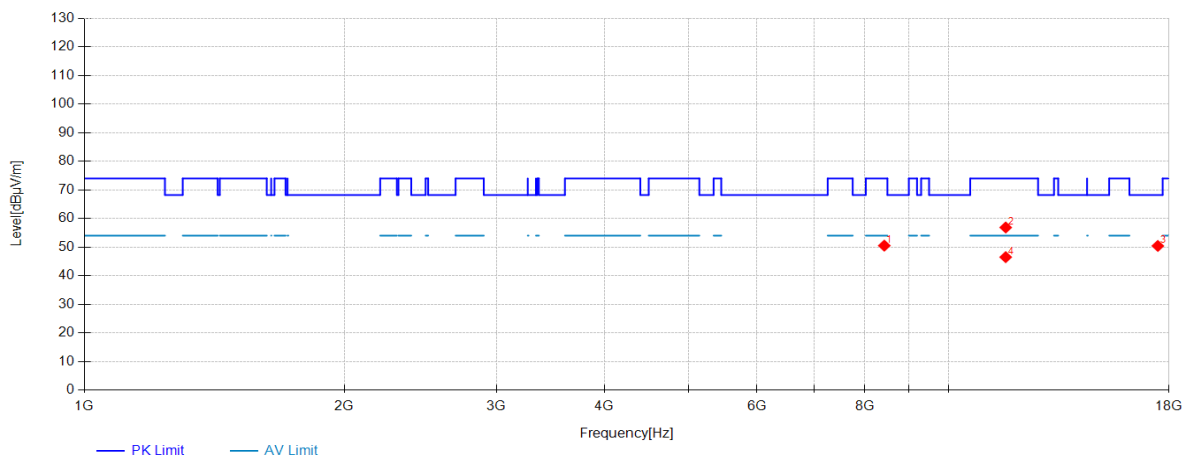
Data List								
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1	8372.5	52.29	36.39	-37.62	51.06	74.00	22.94	Vertical
2	11574	59.39	40.27	-37.90	61.76	74.00	12.24	Vertical
3	17351	51.71	43.91	-38.71	56.91	68.20	11.29	Vertical
4	11569	49.71	40.27	-37.96	52.02	54.00	1.98	Vertical

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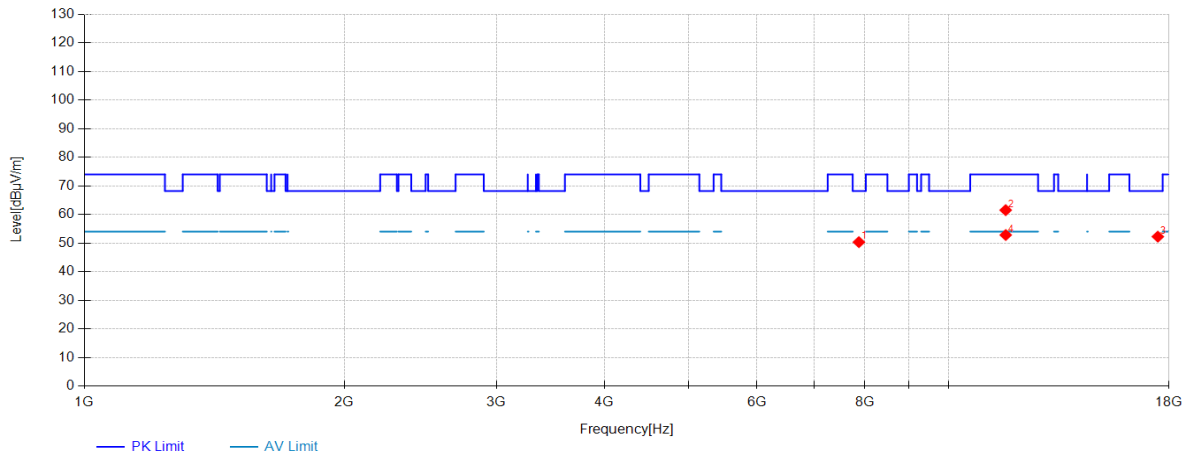
Data List								
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1	8430	51.53	36.44	-37.48	50.49	74.00	23.51	Horizontal
2	11651	55.03	40.10	-38.29	56.84	74.00	17.16	Horizontal
3	17475	44.85	44.73	-39.19	50.39	68.20	17.81	Horizontal
4	11650	44.66	40.10	-38.28	46.48	54.00	7.52	Horizontal

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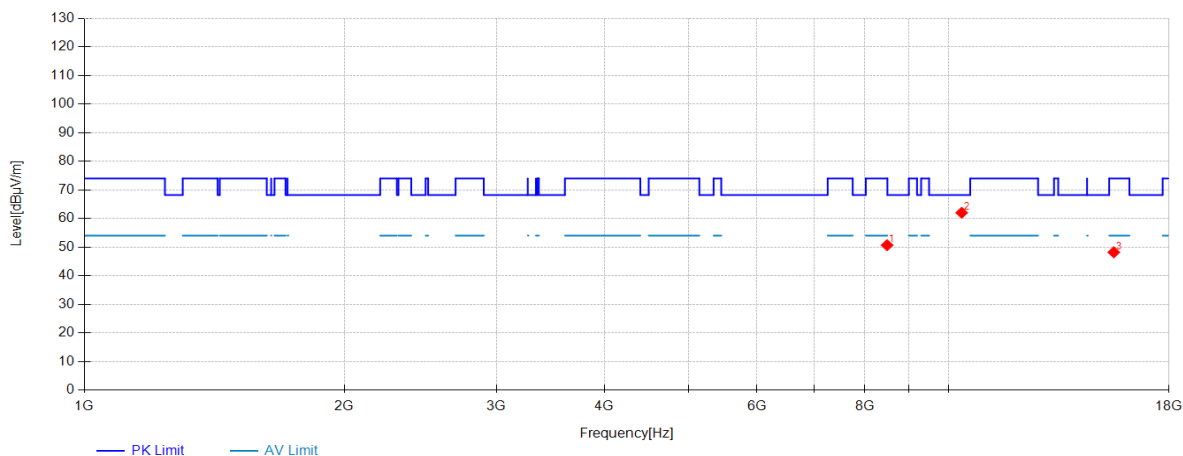
Data List								
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1	7878.5	51.88	36.63	-38.19	50.32	68.20	17.88	Vertical
2	11649.5	59.68	40.10	-38.27	61.51	74.00	12.49	Vertical
3	17475	46.70	44.73	-39.19	52.24	68.20	15.96	Vertical
4	11652	51.03	40.09	-38.31	52.81	54.00	1.19	Vertical

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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8494	51.47	36.49	-37.30	50.66	74.00	23.34	Horizontal
2	10361	58.92	39.16	-36.09	61.99	68.20	6.21	Horizontal
3	15540	45.15	38.74	-35.71	48.18	74.00	25.82	Horizontal



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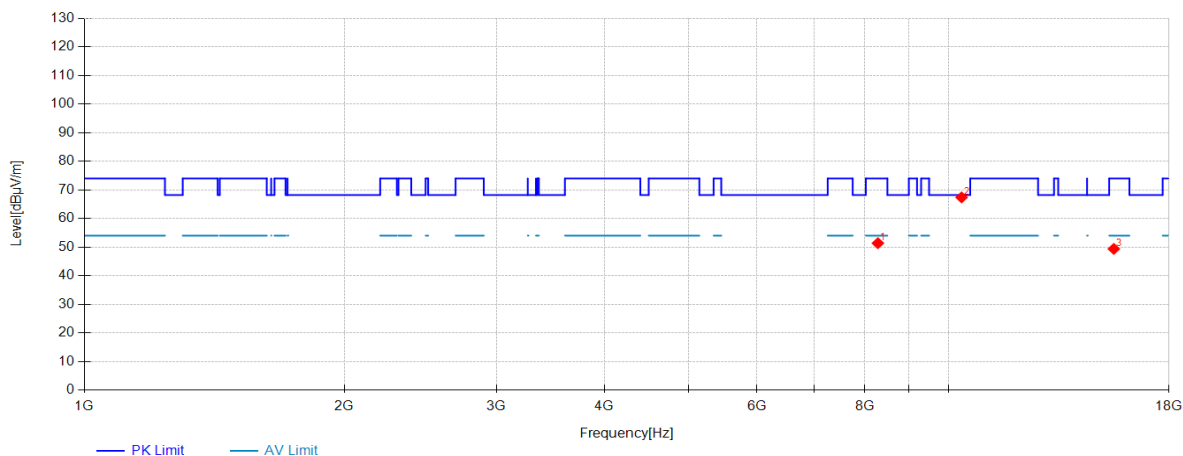
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8288	52.74	36.42	-37.80	51.36	74.00	22.64	Vertical
2	10358	64.29	39.16	-36.09	67.36	68.20	0.84	Vertical
3	15540	46.32	38.74	-35.71	49.35	74.00	24.65	Vertical



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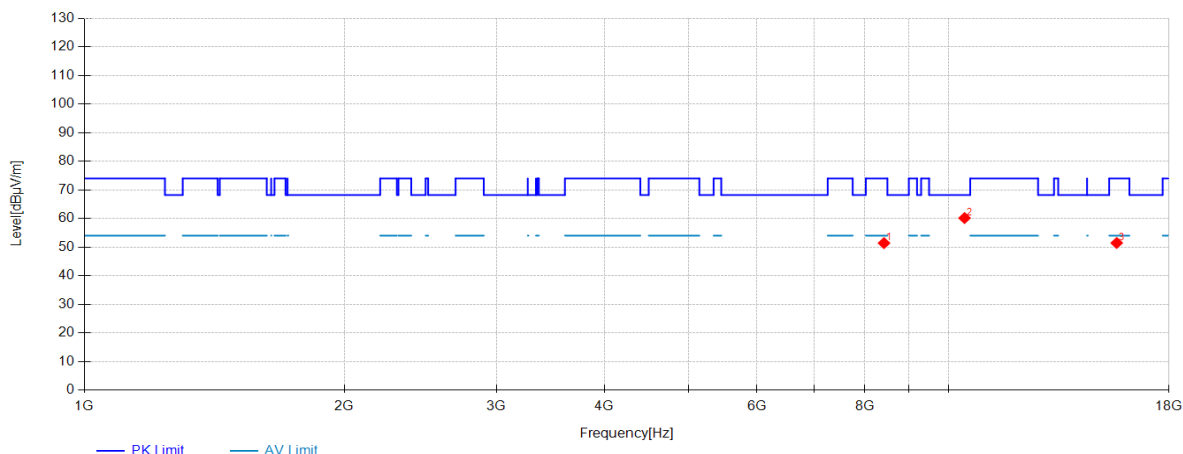
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802.11ac20_Channel 44 MIMO



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8425	52.42	36.45	-37.49	51.38	74.00	22.62	Horizontal
2	10439.5	57.13	39.08	-36.07	60.14	68.20	8.06	Horizontal
3	15660	46.98	38.50	-34.06	51.42	74.00	22.58	Horizontal



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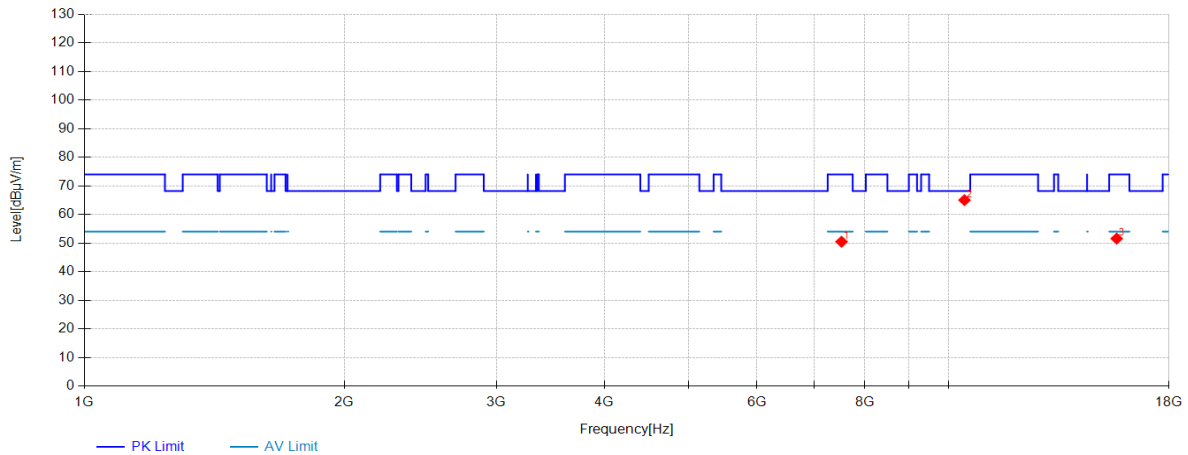
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802.11ac20_Channel 44 MIMO



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7522.5	52.75	36.68	-38.96	50.47	74.00	23.53	Vertical
2	10438	61.97	39.09	-36.07	64.99	68.20	3.21	Vertical
3	15660	47.12	38.50	-34.06	51.56	74.00	22.44	Vertical



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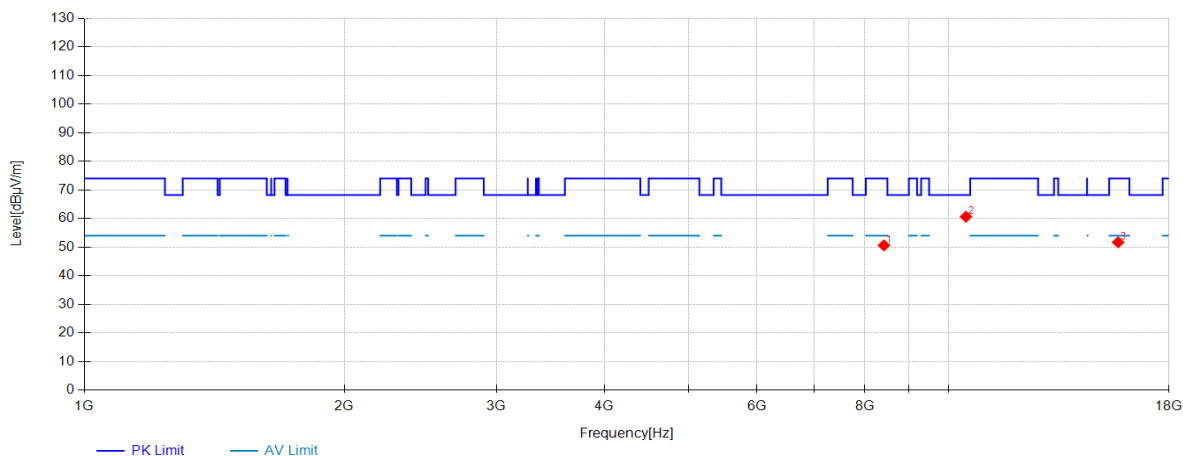
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802.11ac20_Channel 48 MIMO



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8421.5	51.62	36.46	-37.50	50.58	74.00	23.42	Horizontal
2	10478.5	57.69	38.96	-36.06	60.59	68.20	7.61	Horizontal
3	15720	46.60	38.42	-33.36	51.66	74.00	22.34	Horizontal



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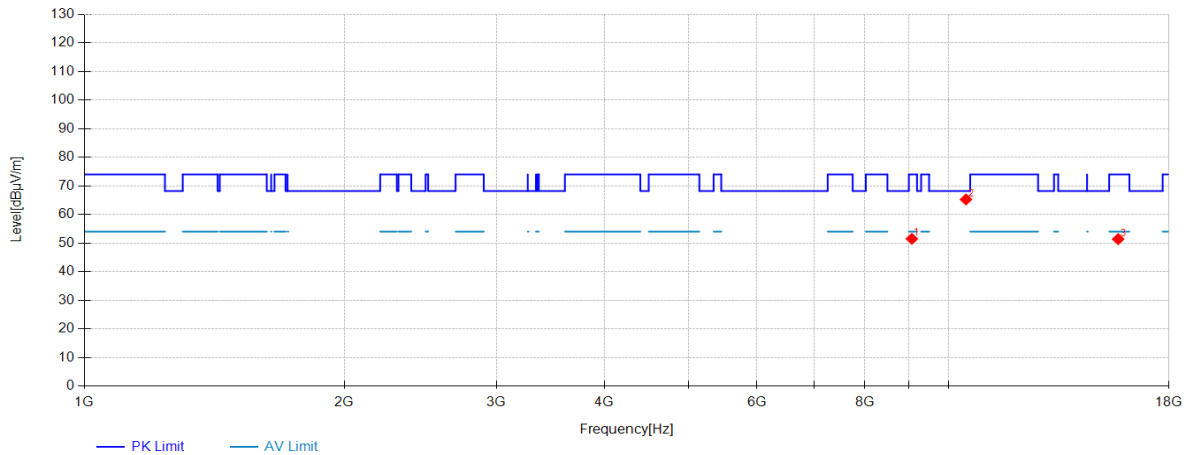
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	9072.5	51.21	36.73	-36.46	51.48	74.00	22.52	Vertical
2	10479.5	62.33	38.96	-36.06	65.23	68.20	2.97	Vertical
3	15720	46.32	38.42	-33.36	51.38	74.00	22.62	Vertical



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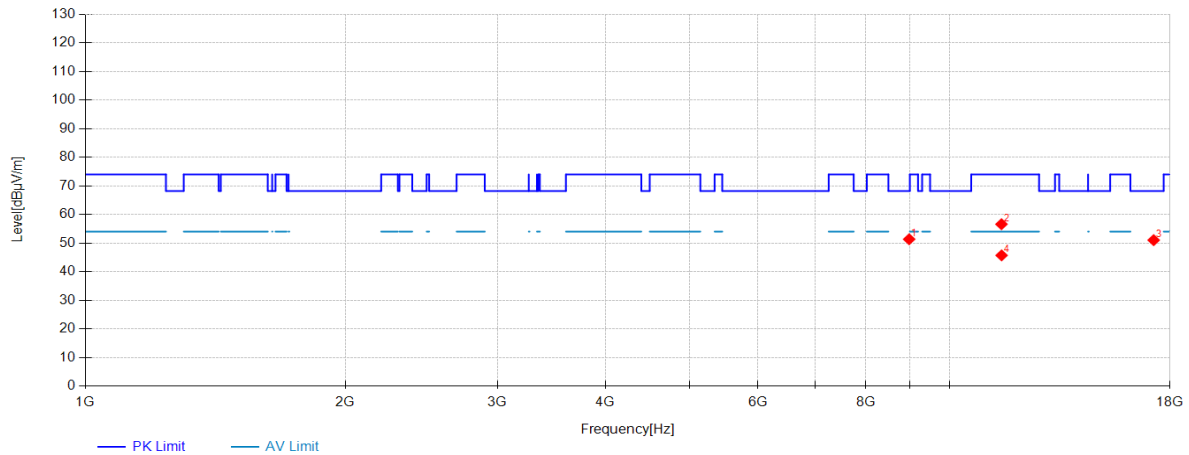
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	8983.5	51.34	36.77	-36.78	51.33	68.20	16.87	Horizontal
2	11488.5	55.14	40.21	-38.76	56.59	74.00	17.41	Horizontal
3	17235	47.22	42.78	-38.98	51.02	68.20	17.18	Horizontal
4	11493	44.27	40.21	-38.79	45.69	54.00	8.31	Horizontal



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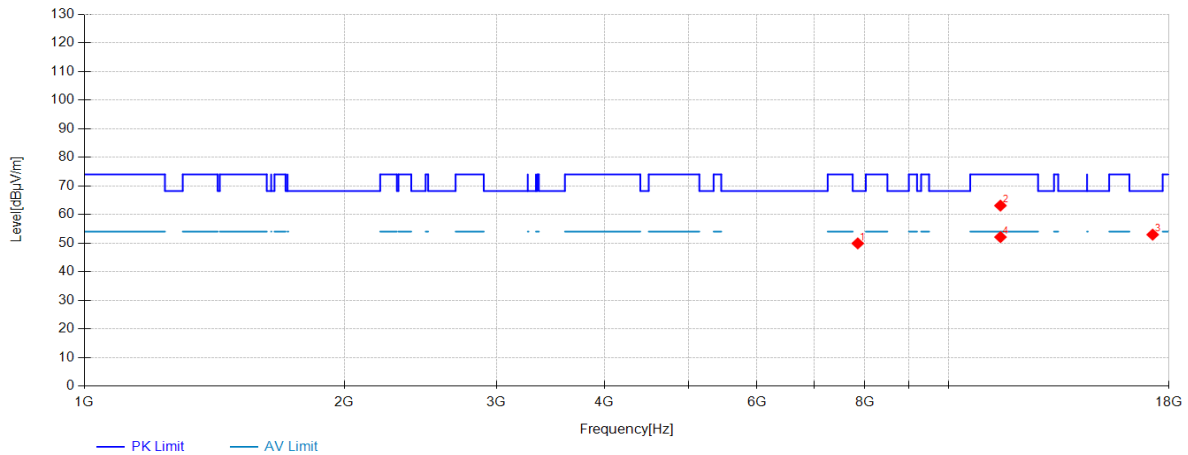
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802.11ac20_Channel 149 MIMO



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	7854.5	51.29	36.77	-38.19	49.87	68.20	18.33	Vertical
2	11487.5	61.63	40.21	-38.76	63.08	74.00	10.42	Vertical
3	17235	49.14	42.78	-38.98	52.94	68.20	15.26	Vertical
4	11490	50.65	40.21	-38.77	52.09	54.00	1.91	Vertical



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