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11n40SISO Ant2 5670



11n40SISO Ant2 5755



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11ac20SISO_Ant2_5180



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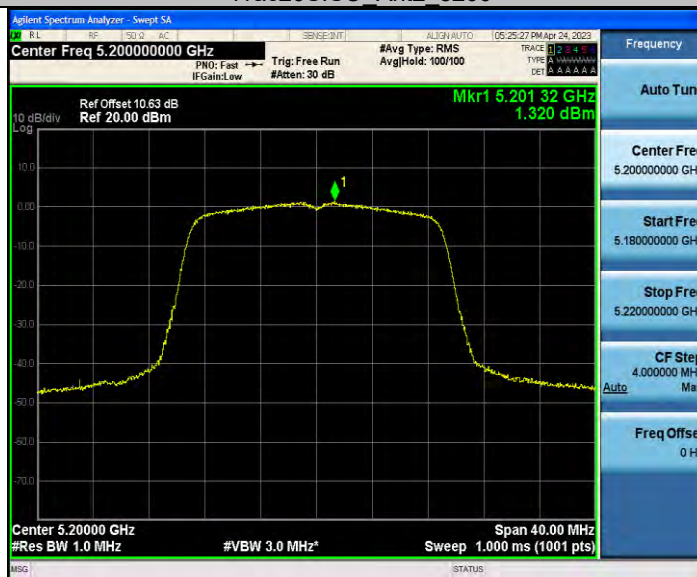
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DFS Detection Thresholds Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Gain	Limit[dbm]	Verdict
11ac20SISO	5280	Type0	-58.70	3.3	-58.70	PASS
	5500	Type0	-59.16	3.3	-58.70	PASS
11ac80SISO	5290	Type0	-58.74	3.3	-58.70	PASS
	5530	Type0	-58.87	3.3	-58.70	PASS



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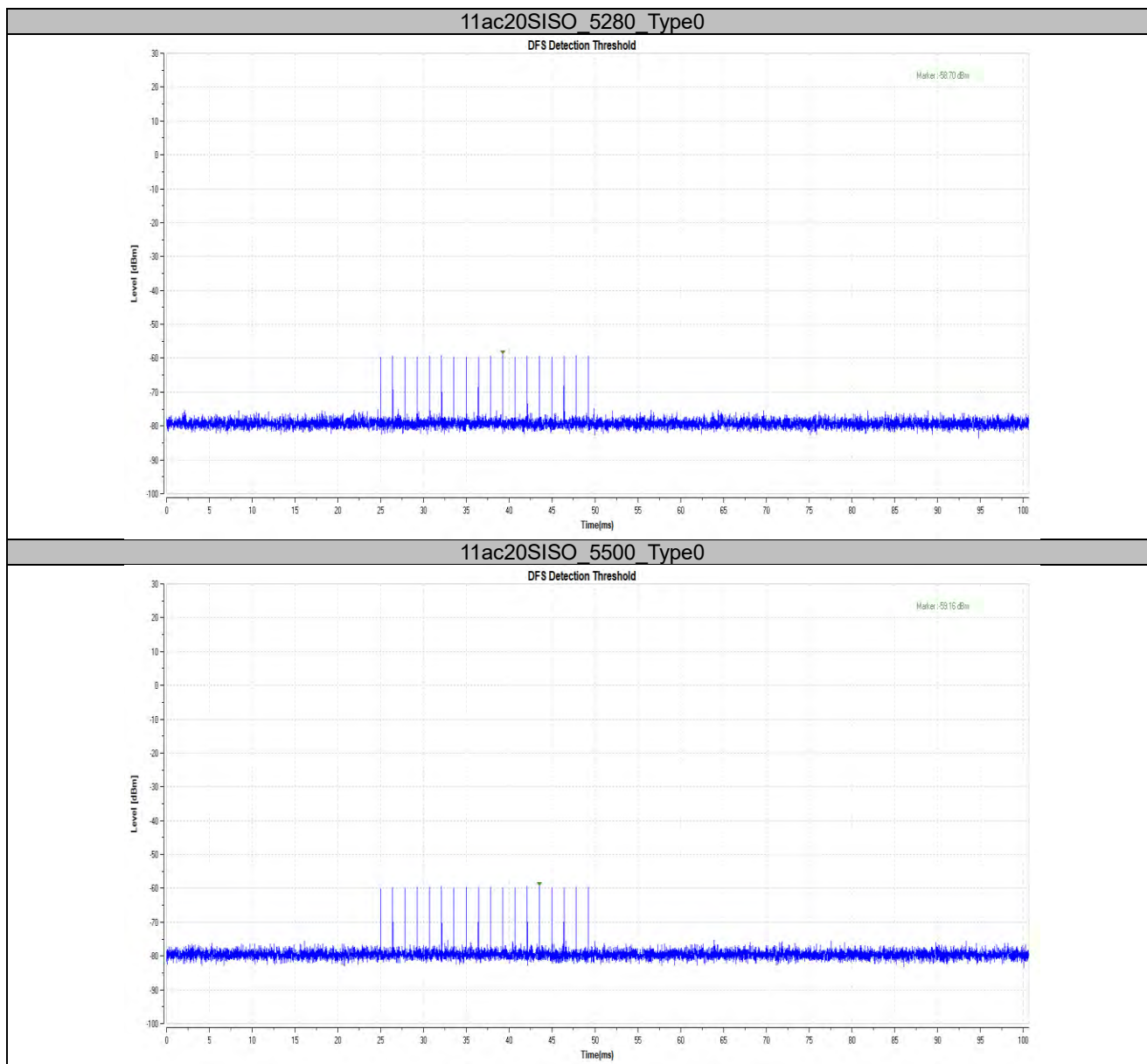
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Test Graphs



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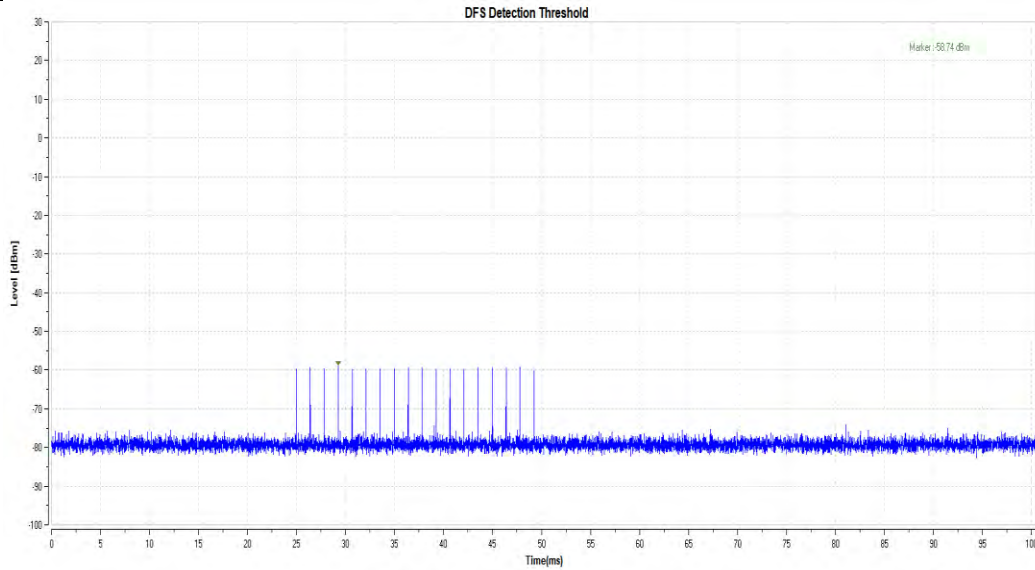
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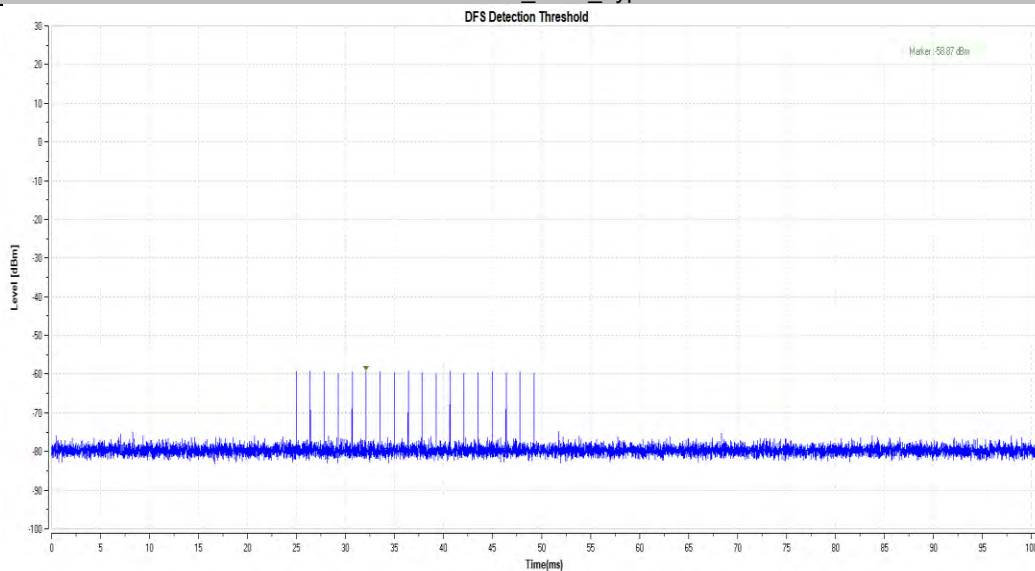
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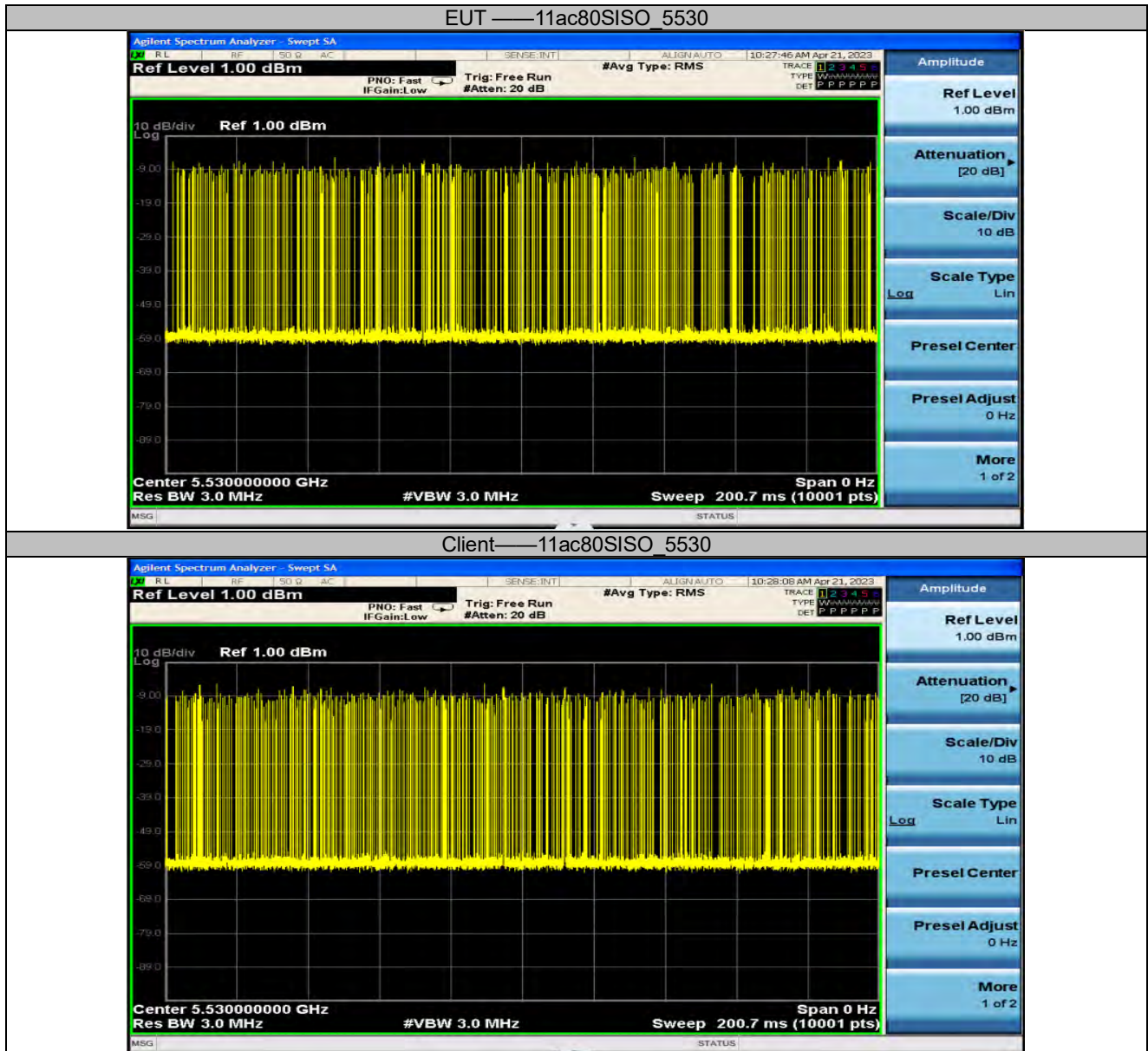
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Data Traffic Plot Test Graphs



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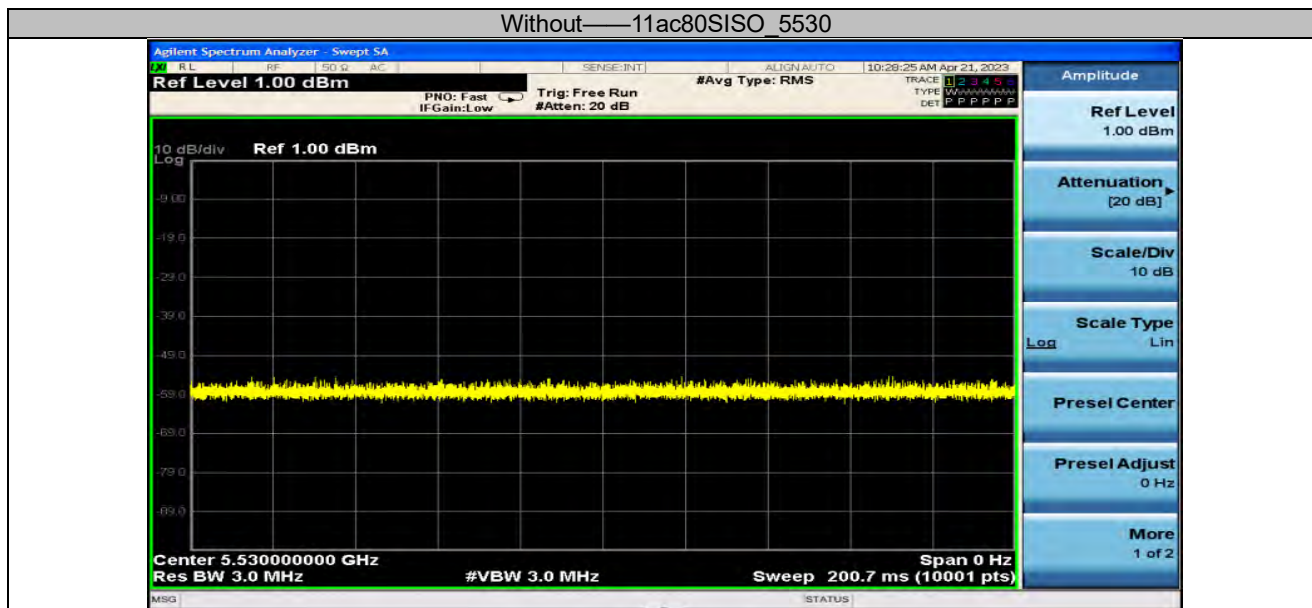
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Without—11ac80SISO_5530



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Channel Move Time and Channel Closing Transmission Time Test Result

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11ac20SISO	5280	200+59.8	200+60	462.5	10000	PASS
	5500	200+5.2	200+60	448.2	10000	PASS
11ac80SISO	5290	200+48.1	200+60	777.1	10000	PASS
	5530	200+7.8	200+60	501.5	10000	PASS



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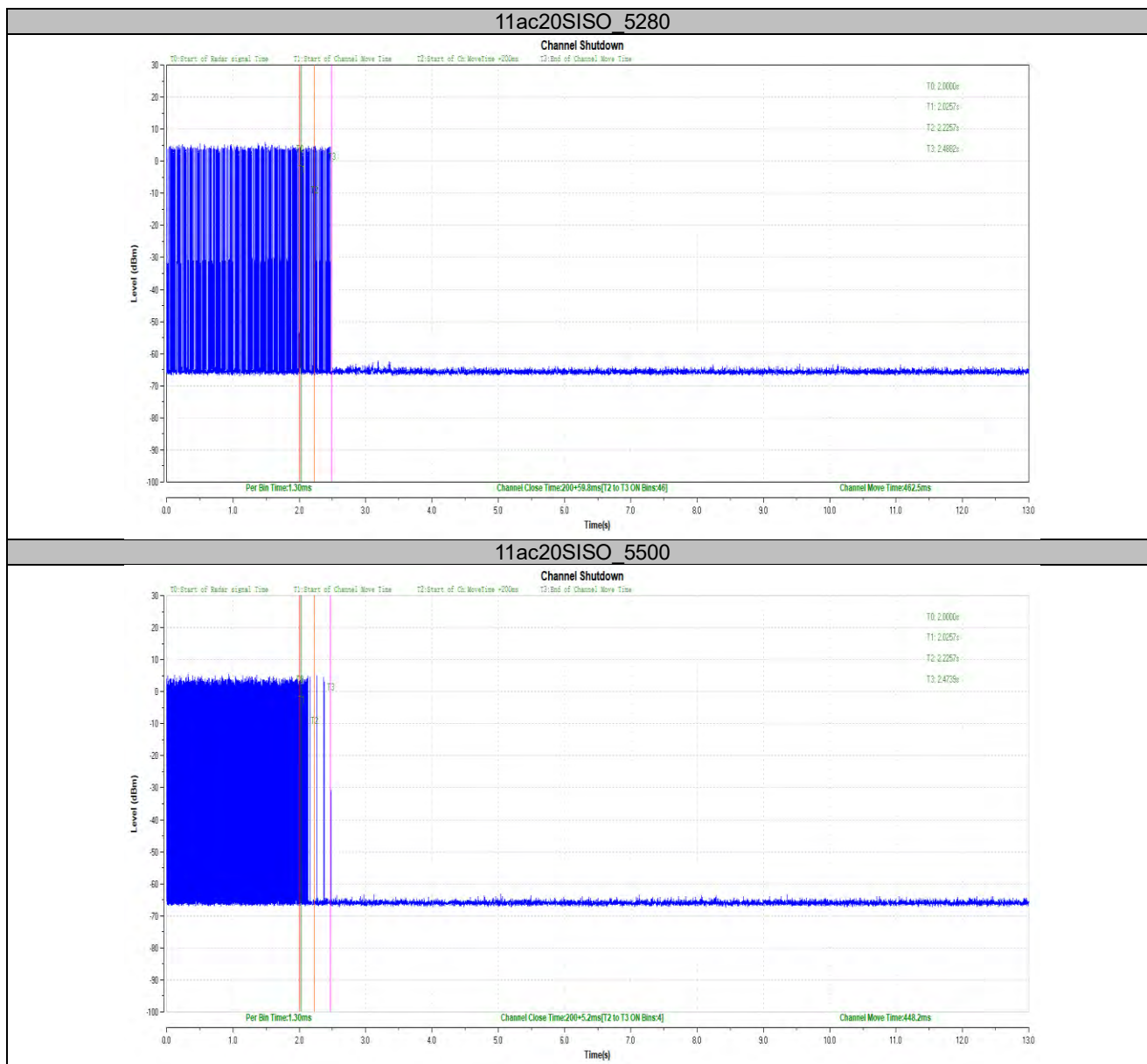
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Test Graphs



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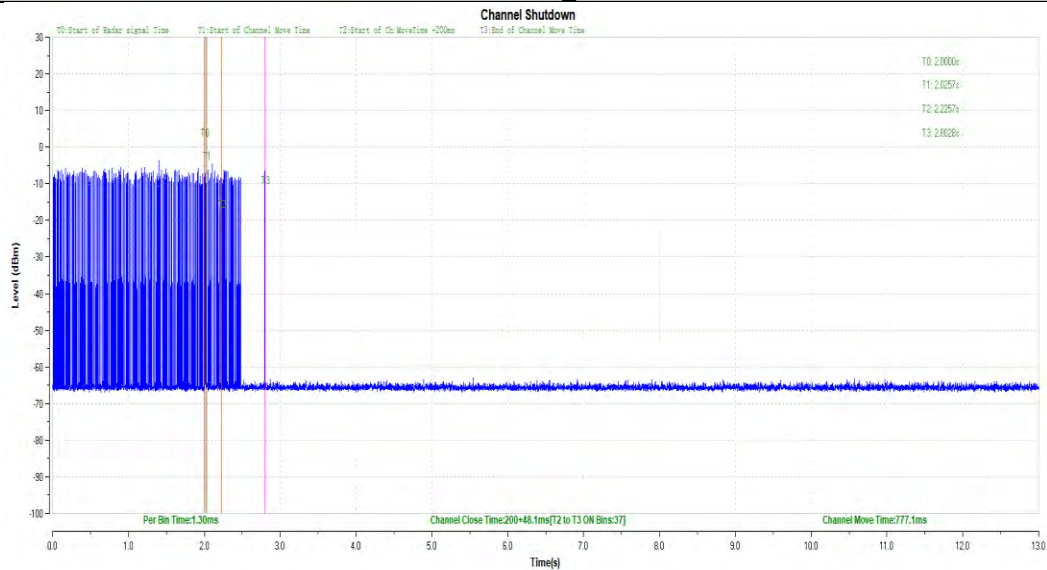
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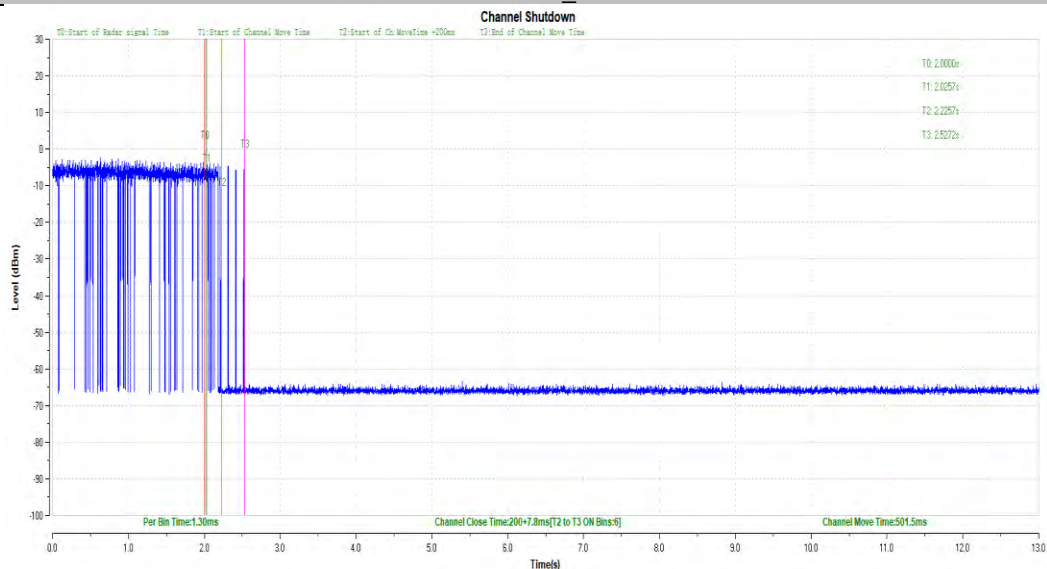
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11ac80SISO_5290



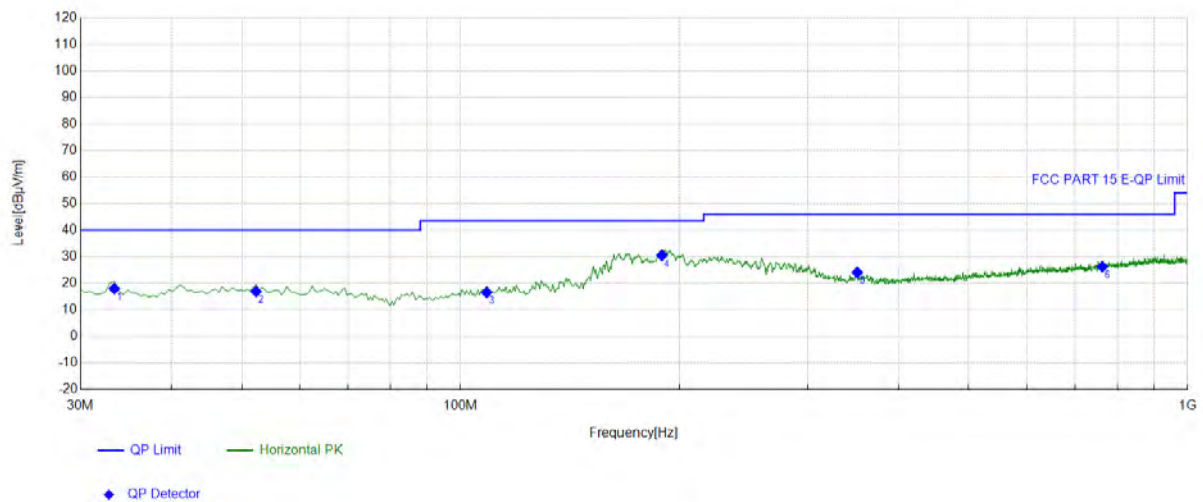
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Radiated Spurious Emissions**Radiated emission below 1GHz****Worst case Mode: 802.11a_Channel 165**

Data List										
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading[dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	33.3967	11.30	-28.00	34.65	17.95	40.00	22.05	138	282	Horizontal
2	52.3212	14.14	-27.76	30.49	16.87	40.00	23.13	245	175	Horizontal
3	108.6093	11.74	-27.12	31.91	16.53	43.50	26.97	366	250	Horizontal
4	189.1596	10.38	-26.68	46.8	30.50	43.50	13.00	222	252	Horizontal
5	351.2306	15.00	-25.70	34.77	24.07	46.00	21.93	338	77	Horizontal
6	763.2016	20.59	-24.11	29.78	26.26	46.00	19.74	245	247	Horizontal



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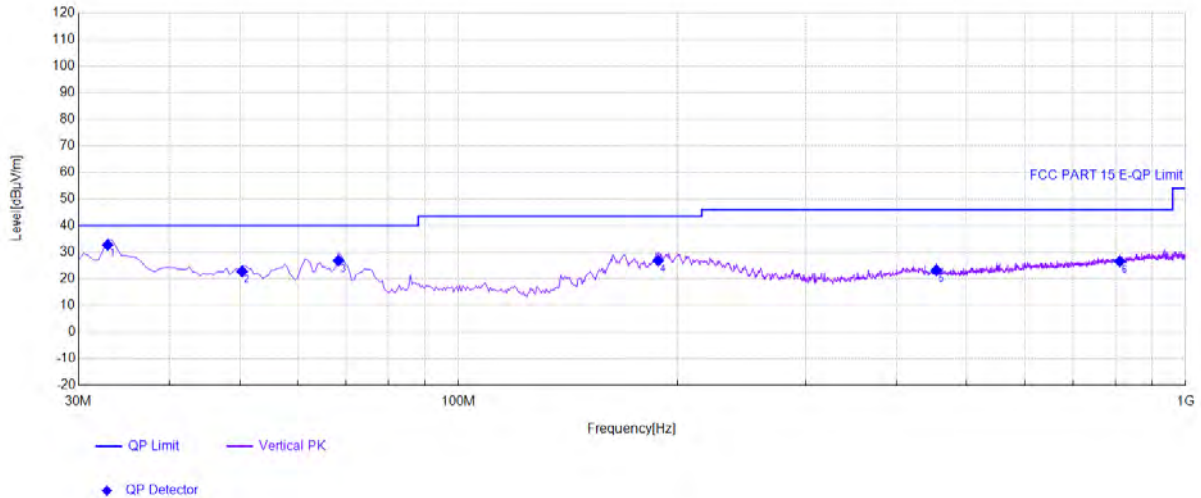
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Data List										
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading[dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.9115	11.29	-28.01	49.45	32.73	40.00	7.27	149	76	Vertical
2	50.3802	13.99	-27.71	36.49	22.77	40.00	17.23	251	207	Vertical
3	68.3342	10.37	-27.44	43.89	26.82	40.00	13.18	366	4	Vertical
4	188.1891	10.16	-26.65	43.31	26.82	43.50	16.68	255	360	Vertical
5	454.1021	16.24	-25.24	32.19	23.19	46.00	22.81	121	334	Vertical
6	811.7259	20.90	-24.01	29.68	26.57	46.00	19.43	321	79	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:

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)

- 2) All channels have been tested, but only the worst case data displayed in this report.



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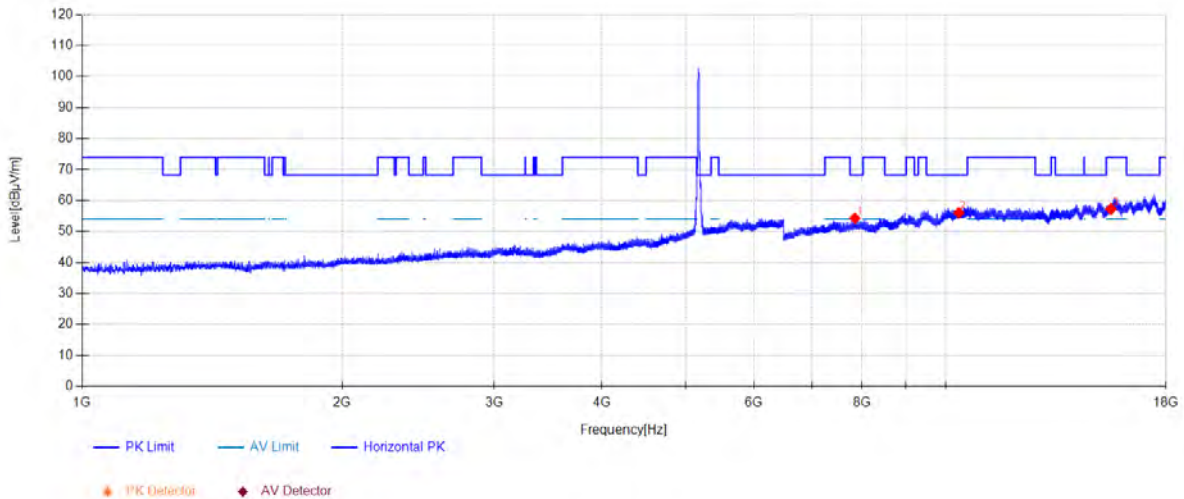
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Transmitter emission Above 1GHz

802.11a_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	7851.5341	55.72	36.79	-38.19	54.32	68.20	13.88	178	342	Horizontal
2	10360	52.98	39.16	-36.09	56.05	68.20	12.15	196	342	Horizontal
3	15540	54.20	38.74	-35.71	57.23	74.00	16.77	203	220	Horizontal



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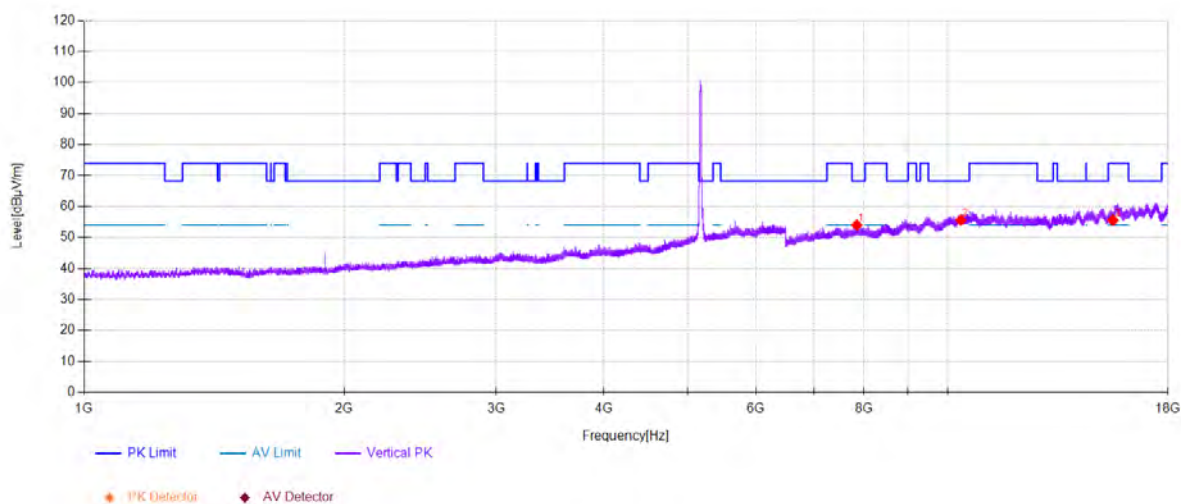
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802.11a_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7849.234	55.40	36.80	-38.18	54.02	68.20	14.18	185	137	Vertical
2	10360	52.52	39.16	-36.09	55.59	68.20	12.61	189	97	Vertical
3	15540	52.56	38.74	-35.71	55.59	74.00	18.41	197	256	Vertical



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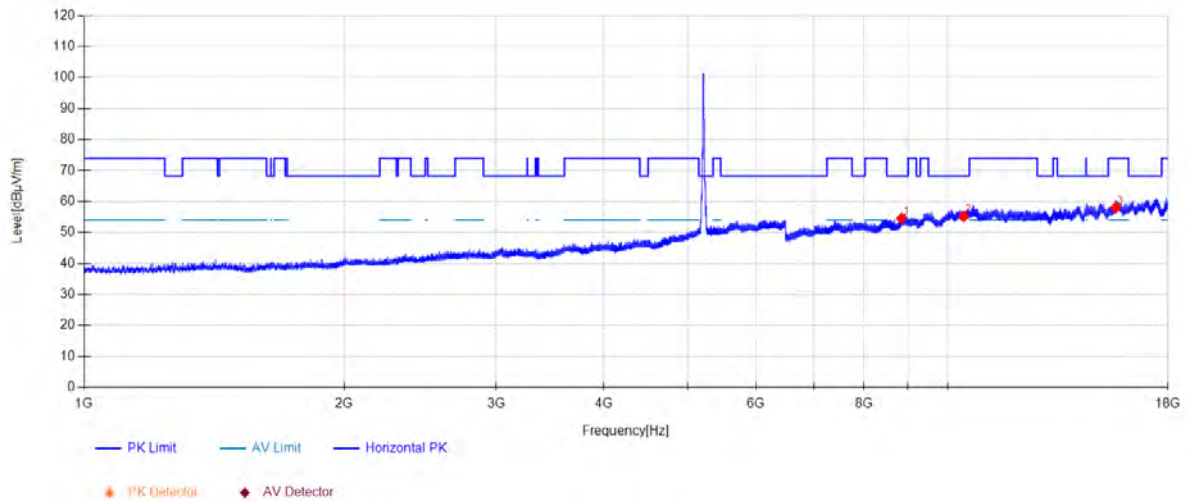
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802.11a_Channel 44



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	8846.5539	54.60	36.78	-36.81	54.57	68.20	13.63	196	54	Horizontal
2	10440	52.20	39.08	-36.07	55.21	68.20	12.99	184	91	Horizontal
3	15660	53.60	38.50	-34.05	58.05	74.00	15.95	204	6	Horizontal



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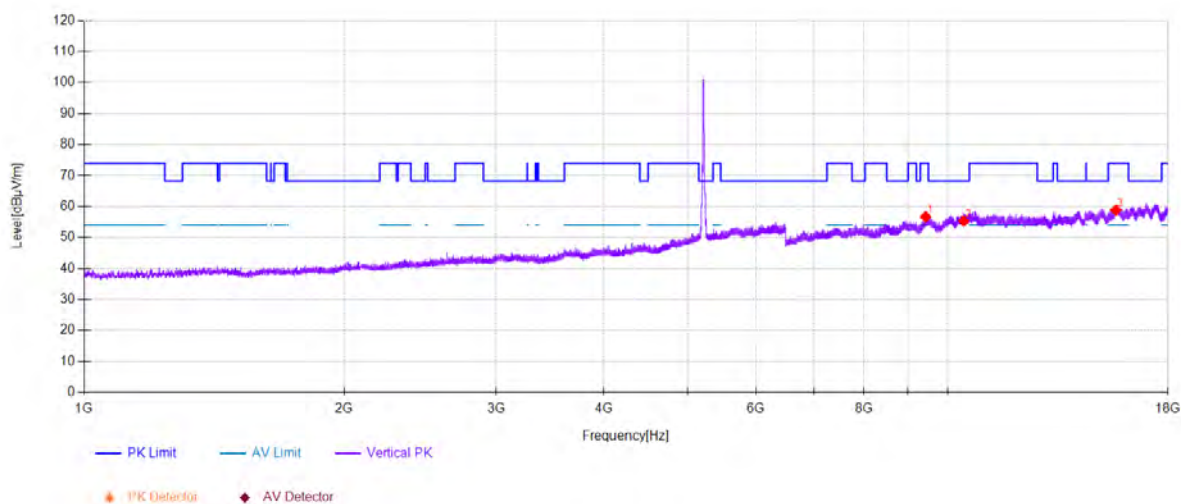
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802.11a_Channel 44



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	9430.7772	55.58	37.42	-36.33	56.67	74.00	17.33	151	292	Vertical
2	10440	52.35	39.08	-36.07	55.36	68.20	12.84	163	53	Vertical
3	15660	54.39	38.50	-34.05	58.84	74.00	15.16	188	197	Vertical



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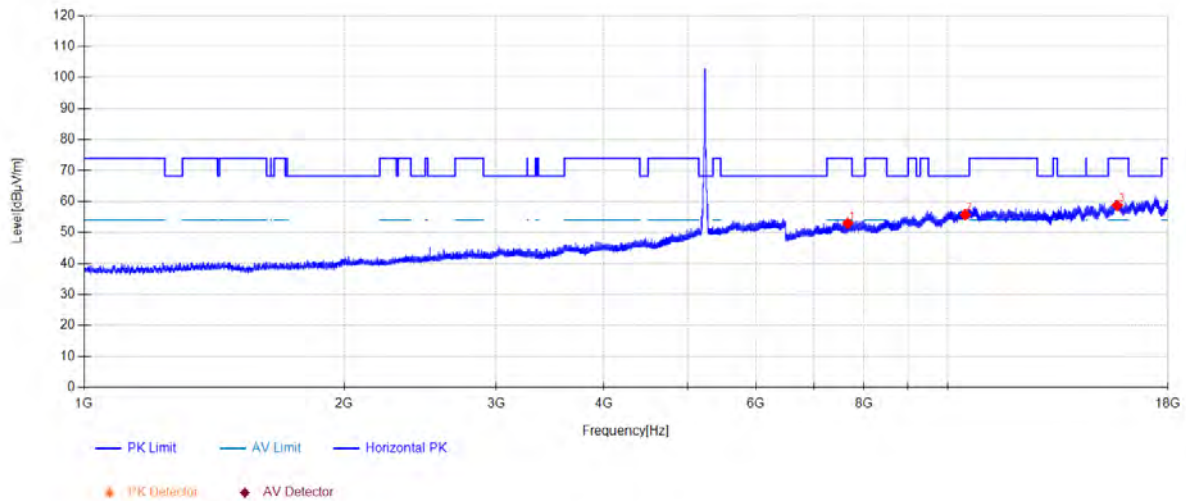
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802.11a_Channel 48



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	7662.4665	55.24	36.65	-38.89	53.00	74.00	21.00	175	159	Horizontal
2	10480	52.84	38.96	-36.06	55.74	68.20	12.46	198	212	Horizontal
3	15720	53.68	38.42	-33.36	58.74	74.00	15.26	186	125	Horizontal



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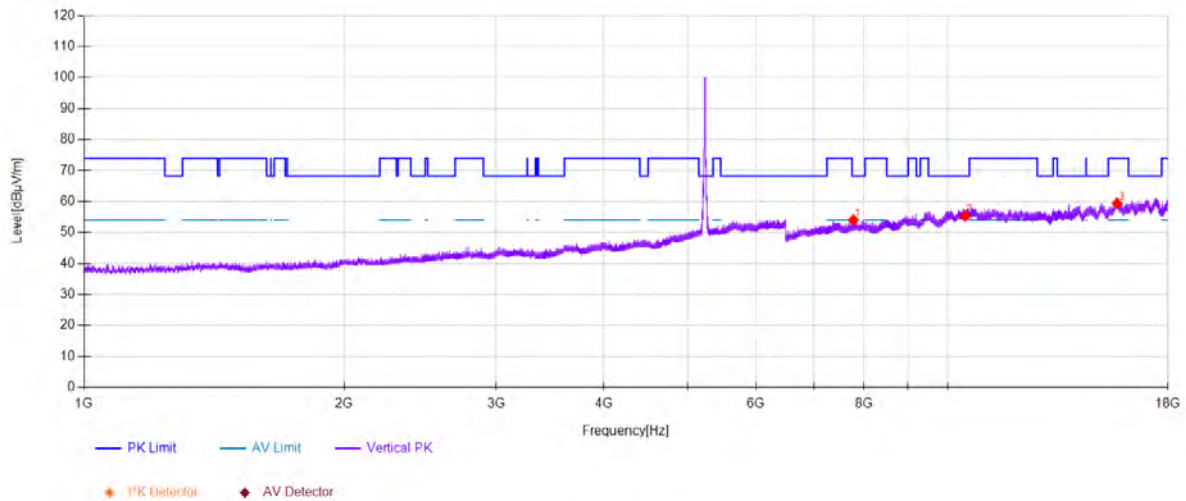
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802.11a_Channel 48



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	7778.8512	55.76	36.52	-38.27	54.01	68.20	14.19	159	235	Vertical
2	10480	52.41	38.96	-36.06	55.31	68.20	12.89	163	36	Vertical
3	15720	54.28	38.42	-33.36	59.34	74.00	14.66	178	330	Vertical



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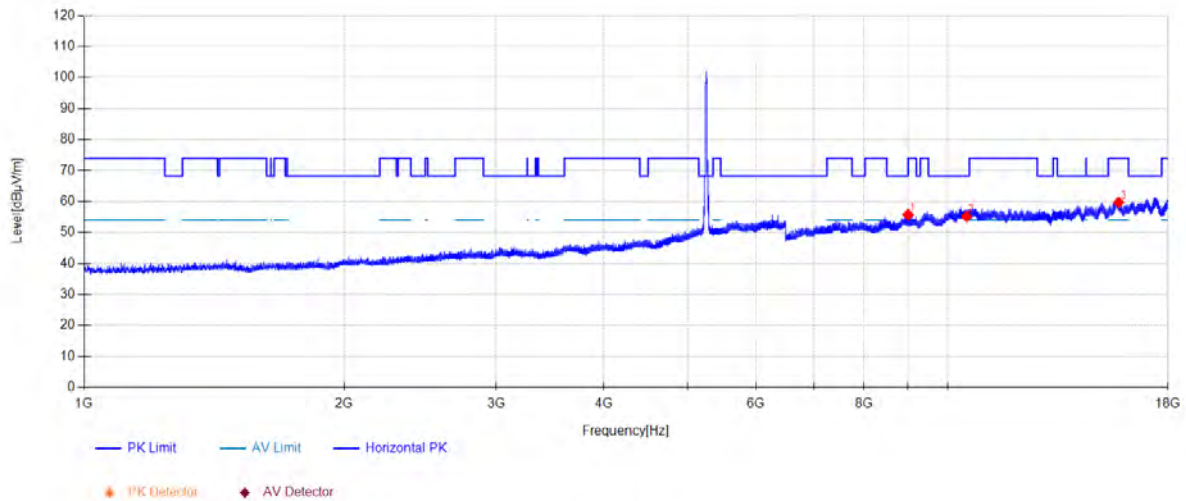
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802.11a_Channel 52



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8999.74	55.88	36.70	-36.84	55.74	68.20	12.46	198	25	Horizontal
2	10520	52.34	38.98	-36.13	55.19	68.20	13.01	179	74	Horizontal
3	15780	55.39	38.18	-33.87	59.70	74.00	14.30	204	0	Horizontal



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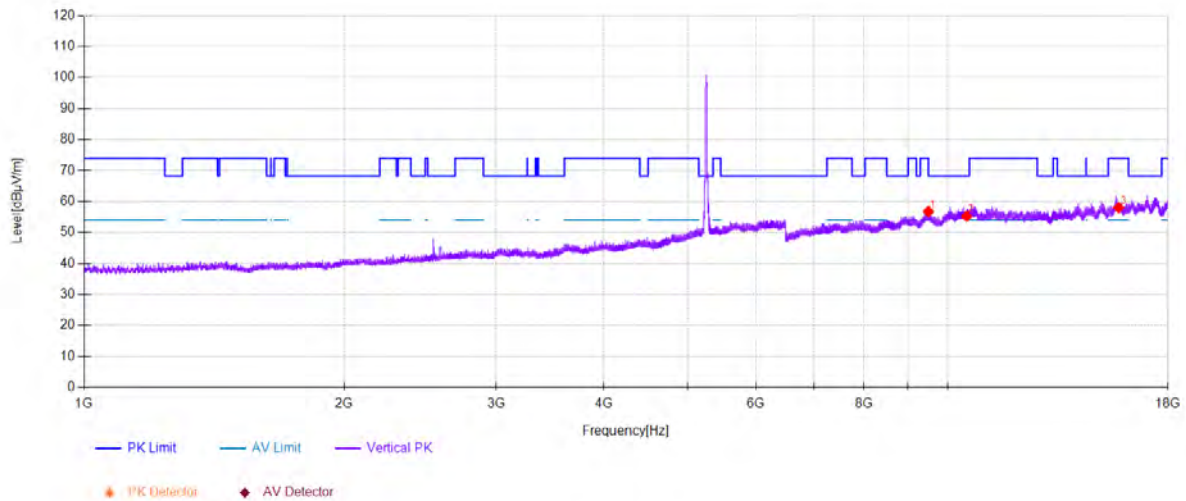
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802.11a_Channel 52



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9502.0801	55.48	37.80	-36.52	56.76	68.20	11.44	178	311	Vertical
2	10520	52.44	38.98	-36.13	55.29	68.20	12.91	154	70	Vertical
3	15780	53.71	38.18	-33.87	58.02	74.00	15.98	166	99	Vertical



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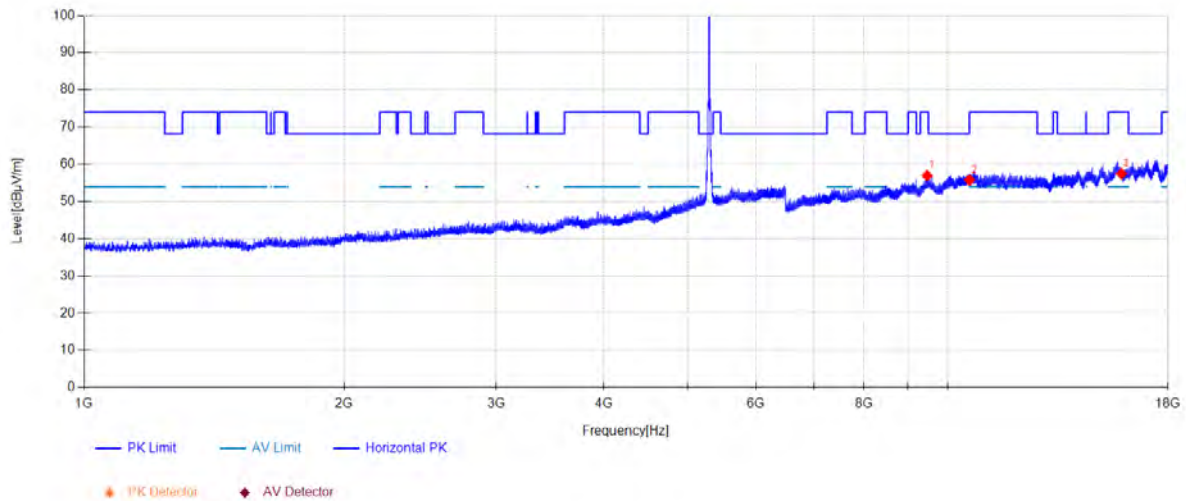
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9470.3388	55.79	37.62	-36.44	56.97	74.00	17.03	198	280	Horizontal
2	10600	52.88	39.30	-36.40	55.78	74.00	18.22	202	230	Horizontal
3	15900	53.44	37.70	-33.68	57.46	74.00	16.54	214	240	Horizontal

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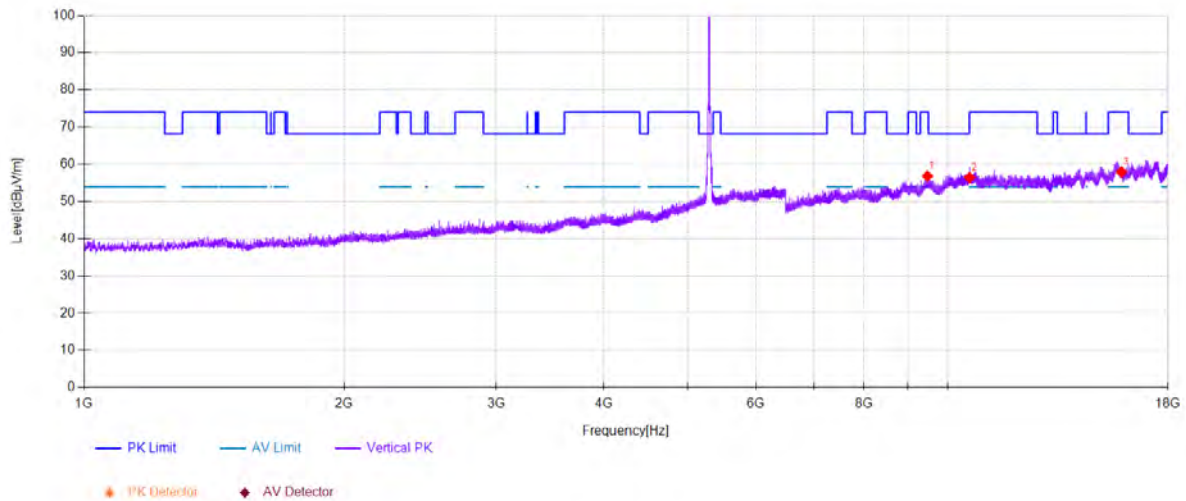
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802.11a_Channel 60



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9477.2391	55.63	37.66	-36.46	56.83	74.00	17.17	156	130	Vertical
2	10600	53.55	39.30	-36.40	56.45	74.00	17.55	161	320	Vertical
3	15900	53.93	37.70	-33.68	57.95	74.00	16.05	189	300	Vertical



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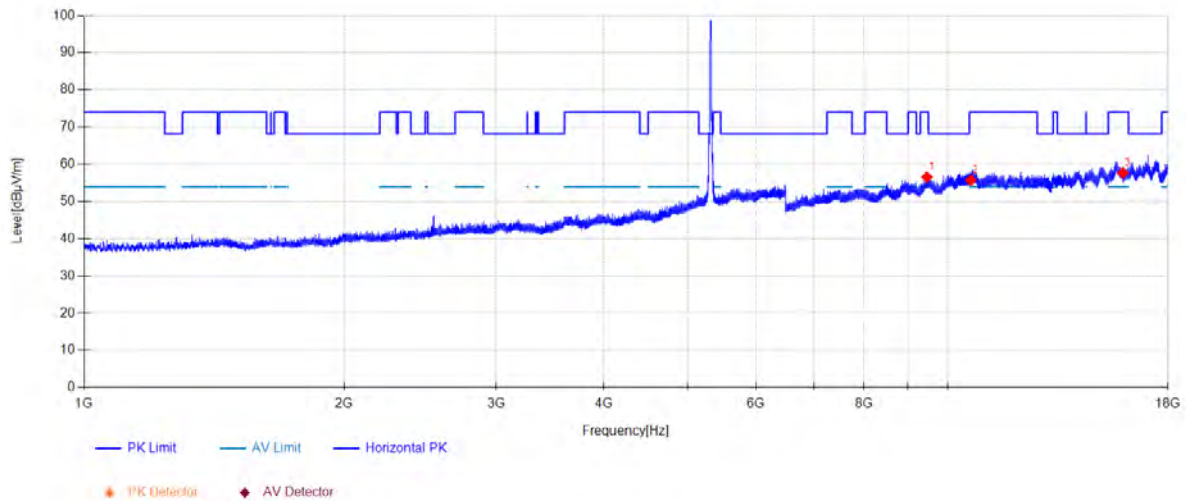
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9464.3586	55.37	37.59	-36.42	56.54	74.00	17.46	178	270	Horizontal
2	10640	52.78	39.38	-36.44	55.72	74.00	18.28	199	180	Horizontal
3	15960	54.33	37.82	-34.46	57.69	74.00	16.31	150	310	Horizontal



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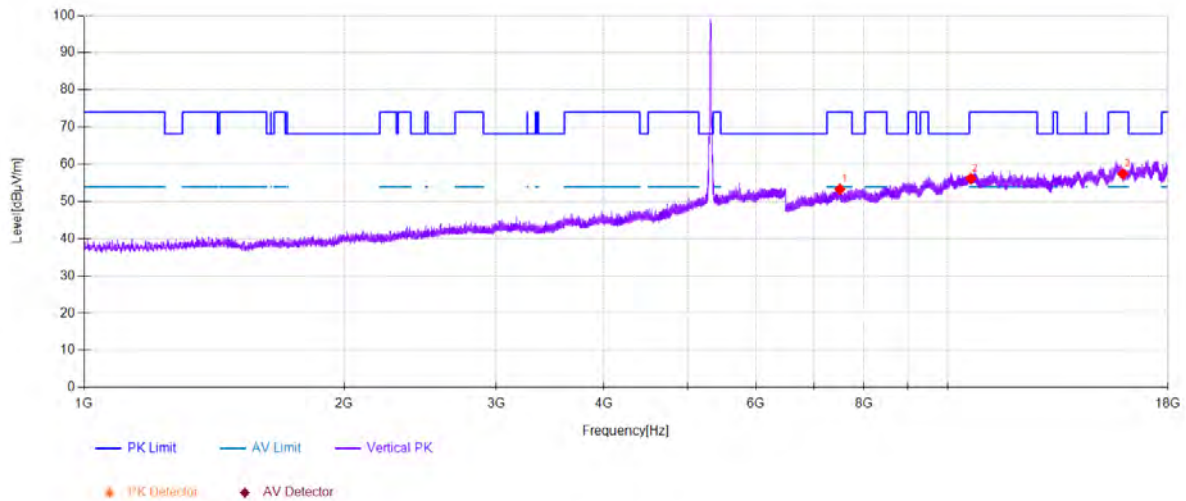
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7504.2202	55.28	36.86	-38.86	53.28	74.00	20.72	155	280	Vertical
2	10640	53.24	39.38	-36.44	56.18	74.00	17.82	163	210	Vertical
3	15960	54.08	37.82	-34.46	57.44	74.00	16.56	186	40	Vertical



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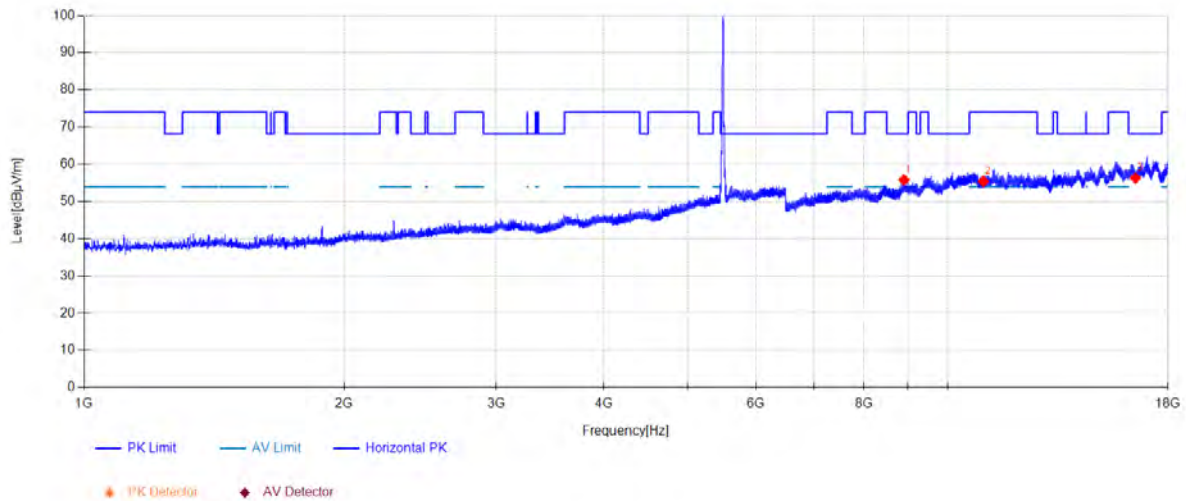
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802.11a_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8902.6761	55.55	36.71	-36.46	55.80	68.20	12.40	189	20	Horizontal
2	11000	53.47	40.10	-38.16	55.41	74.00	18.59	176	143	Horizontal
3	16500	53.95	39.30	-36.96	56.29	68.20	11.91	197	10	Horizontal



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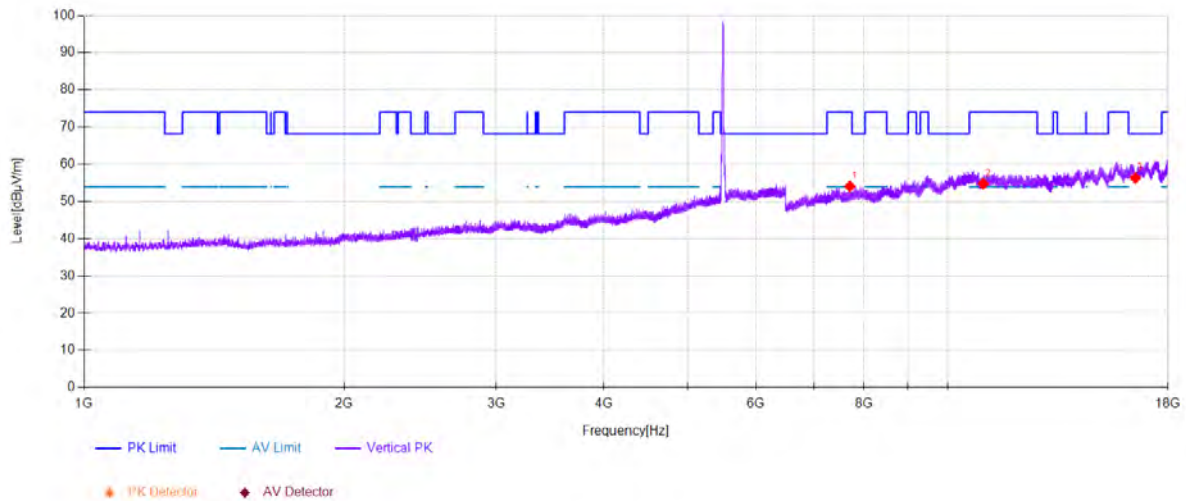
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802.11a_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7706.6283	55.90	36.75	-38.57	54.08	74.00	19.92	163	352	Vertical
2	11000	52.83	40.10	-38.16	54.77	74.00	19.23	175	76	Vertical
3	16500	53.97	39.30	-36.96	56.31	68.20	11.89	155	230	Vertical

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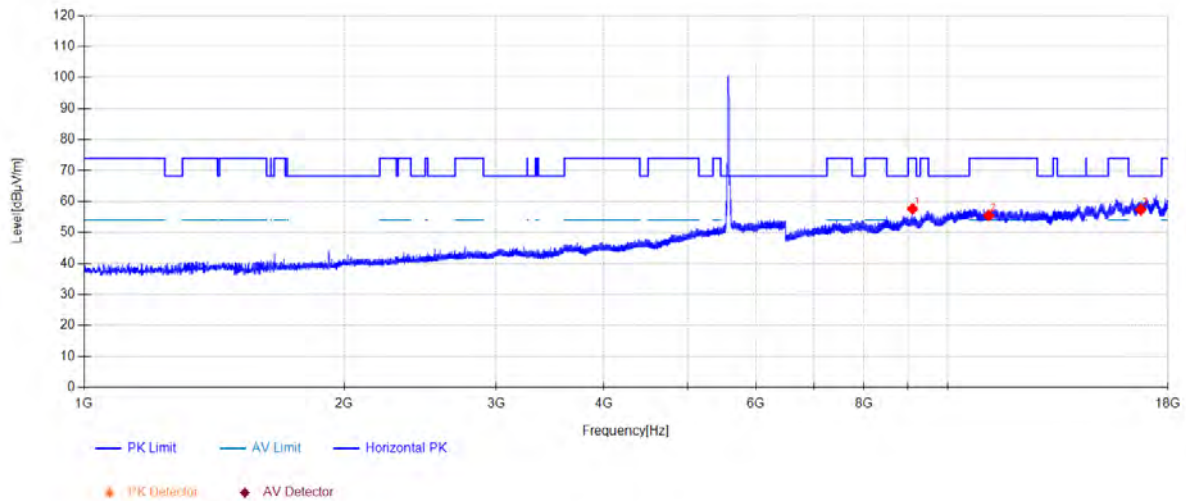
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802.11a_Channel 116



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9106.0042	56.97	37.01	-36.35	57.63	74.00	16.37	222	40	Horizontal
2	11160	53.64	40.20	-38.35	55.49	74.00	18.51	231	334	Horizontal
3	16740	54.48	39.48	-36.64	57.32	68.20	10.88	245	277	Horizontal



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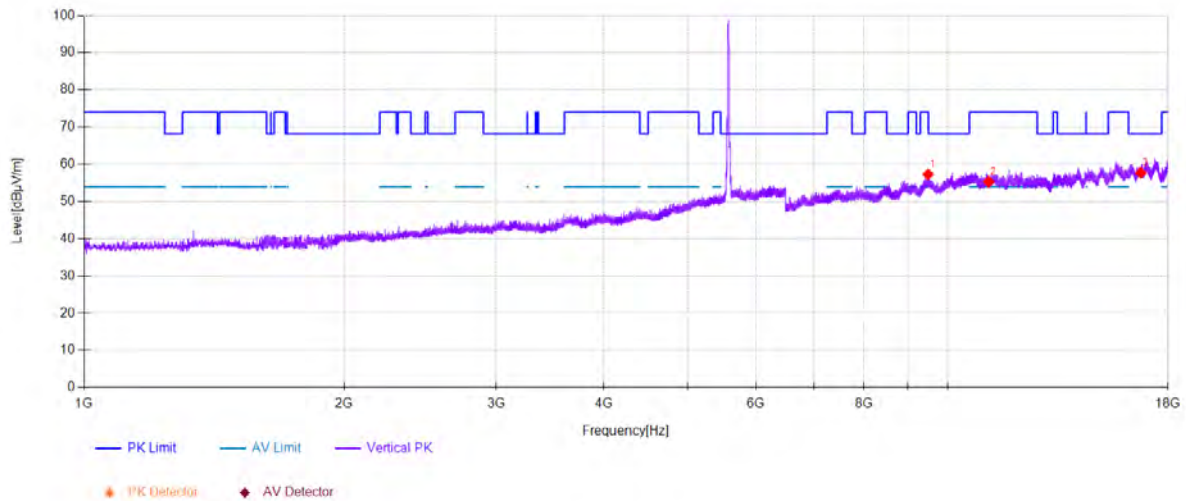
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802.11a_Channel 116



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9492.4197	56.03	37.75	-36.50	57.28	74.00	16.72	155	200	Vertical
2	11160	53.43	40.20	-38.35	55.28	74.00	18.72	169	360	Vertical
3	16740	54.88	39.48	-36.64	57.72	68.20	10.48	173	248	Vertical



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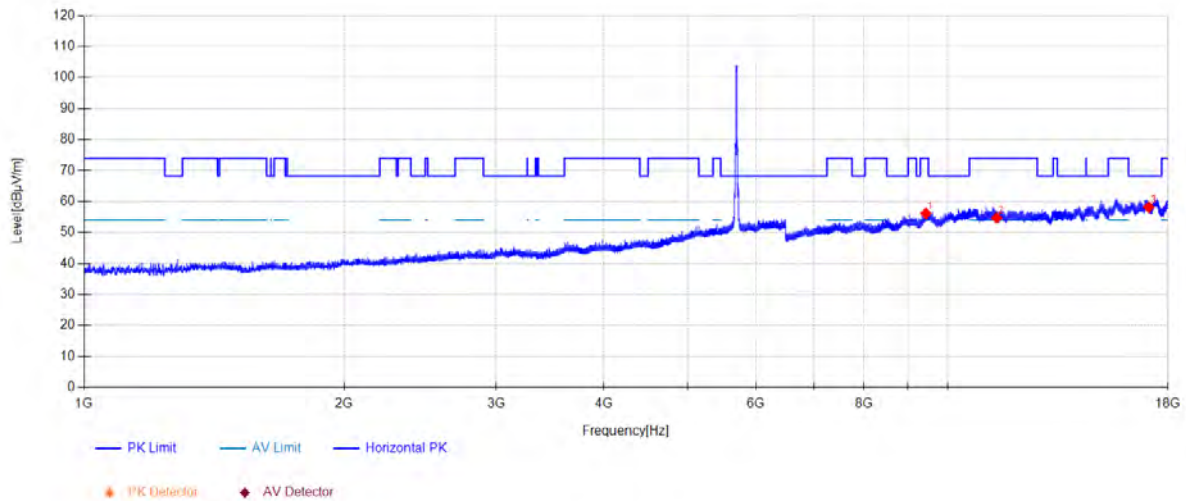
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802.11a_Channel 140



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9436.7575	55.06	37.45	-36.35	56.16	74.00	17.84	222	172	Horizontal
2	11400	52.73	40.30	-38.34	54.69	74.00	19.31	241	182	Horizontal
3	17100	53.99	42.10	-37.91	58.18	68.20	10.02	199	182	Horizontal



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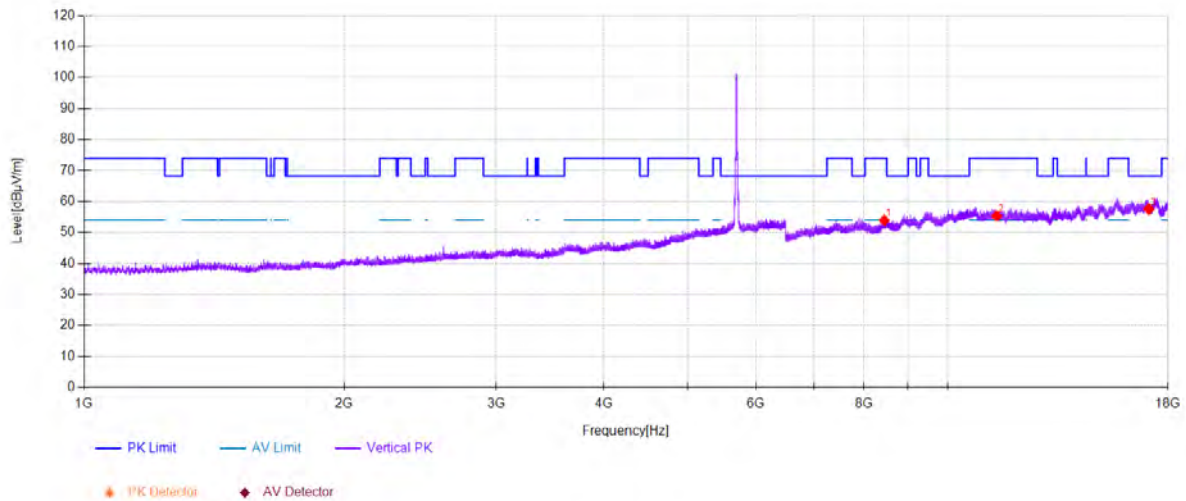
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8445.4178	54.93	36.41	-37.43	53.91	74.00	20.09	196	163	Vertical
2	11400	53.42	40.30	-38.34	55.38	74.00	18.62	178	343	Vertical
3	17100	53.33	42.10	-37.91	57.52	68.20	10.68	203	77	Vertical



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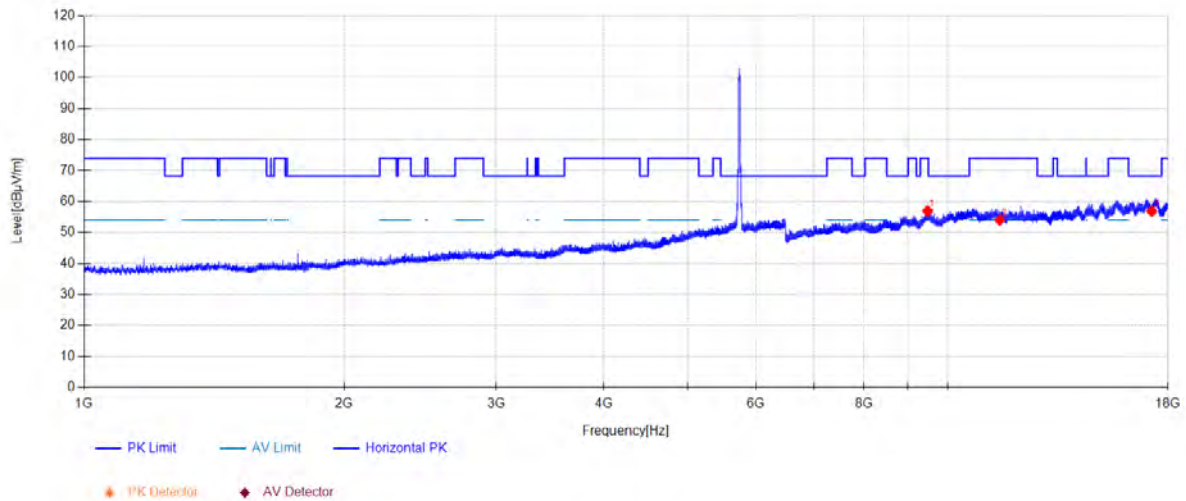
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9480.9192	55.72	37.69	-36.47	56.94	74.00	17.06	241	49	Horizontal
2	11490	52.56	40.21	-38.77	54.00	74.00	20.00	256	325	Horizontal
3	17235	53.07	42.78	-38.97	56.88	68.20	11.32	232	230	Horizontal



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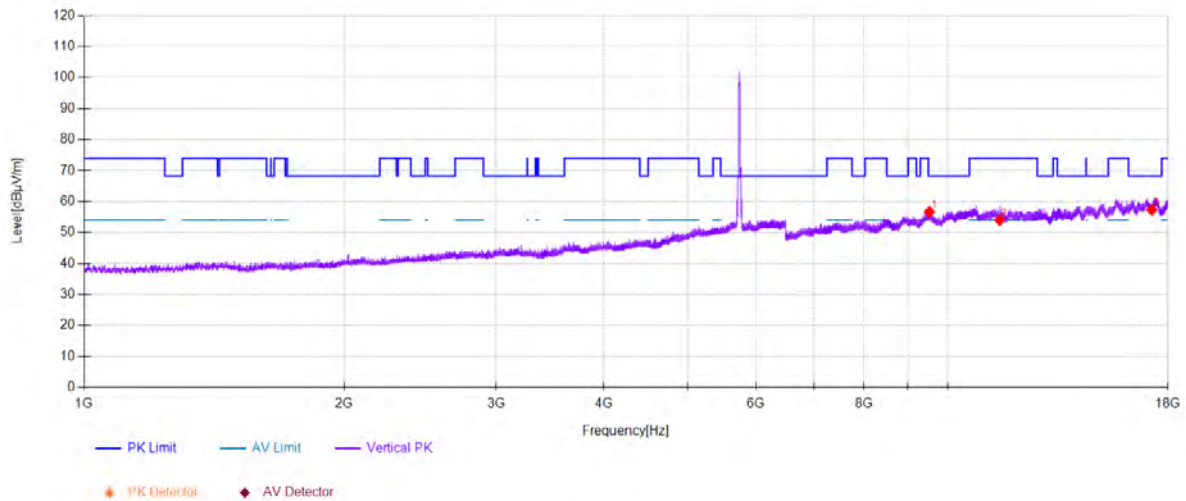
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9526.001	55.38	37.80	-36.53	56.65	68.20	11.55	175	107	Vertical
2	11490	52.54	40.21	-38.77	53.98	74.00	20.02	150	258	Vertical
3	17235	53.51	42.78	-38.97	57.32	68.20	10.88	163	78	Vertical

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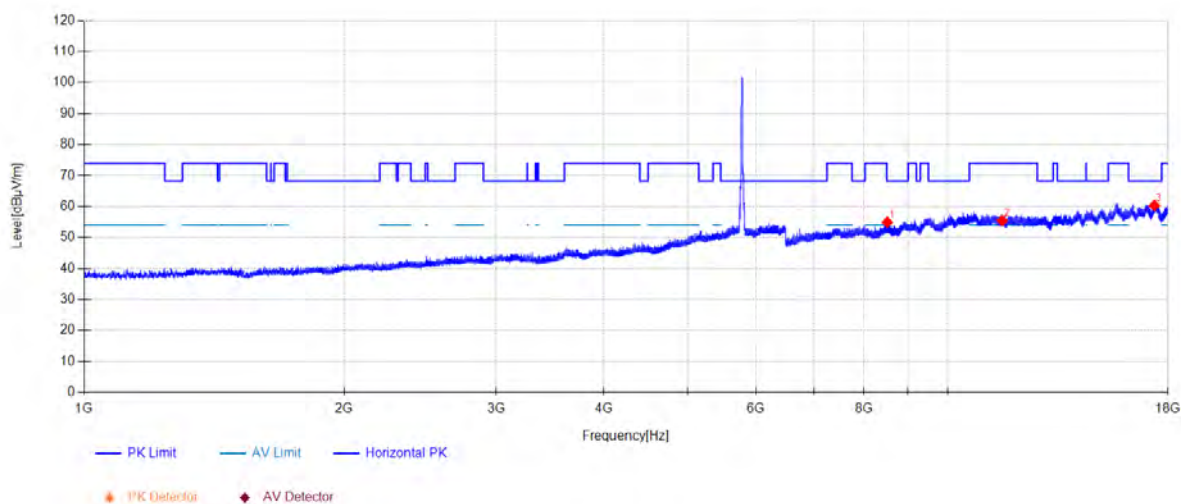
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8513.9606	55.70	36.53	-37.30	54.93	68.20	13.27	211	144	Horizontal
2	11570	53.16	40.27	-37.95	55.48	74.00	18.52	234	21	Horizontal
3	17355	55.08	43.96	-38.71	60.33	68.20	7.87	199	249	Horizontal



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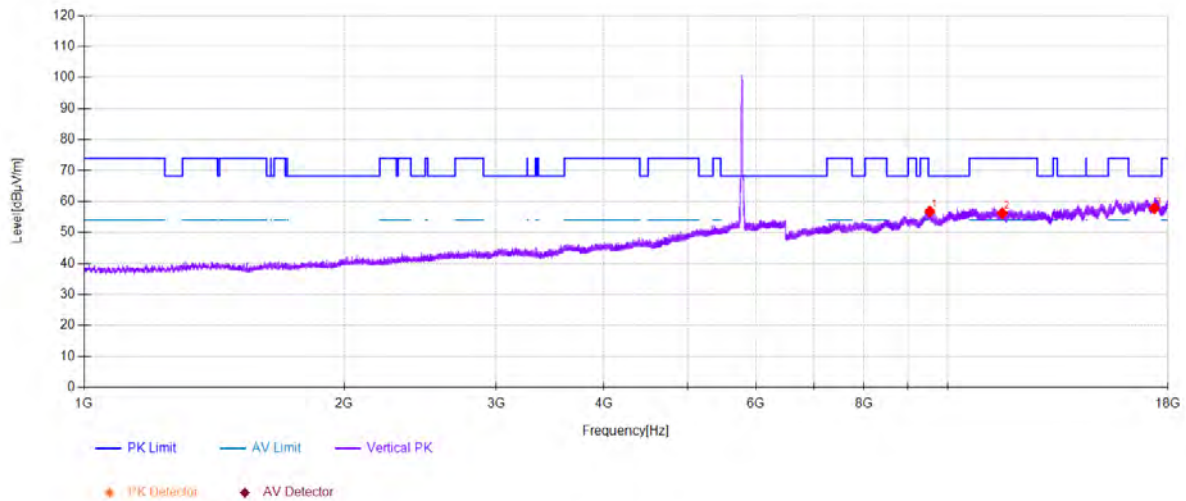
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9535.6614	55.53	37.80	-36.53	56.80	68.20	11.40	157	202	Vertical
2	11570	53.93	40.27	-37.95	56.25	74.00	17.75	163	22	Vertical
3	17355	52.52	43.96	-38.71	57.77	68.20	10.43	182	230	Vertical



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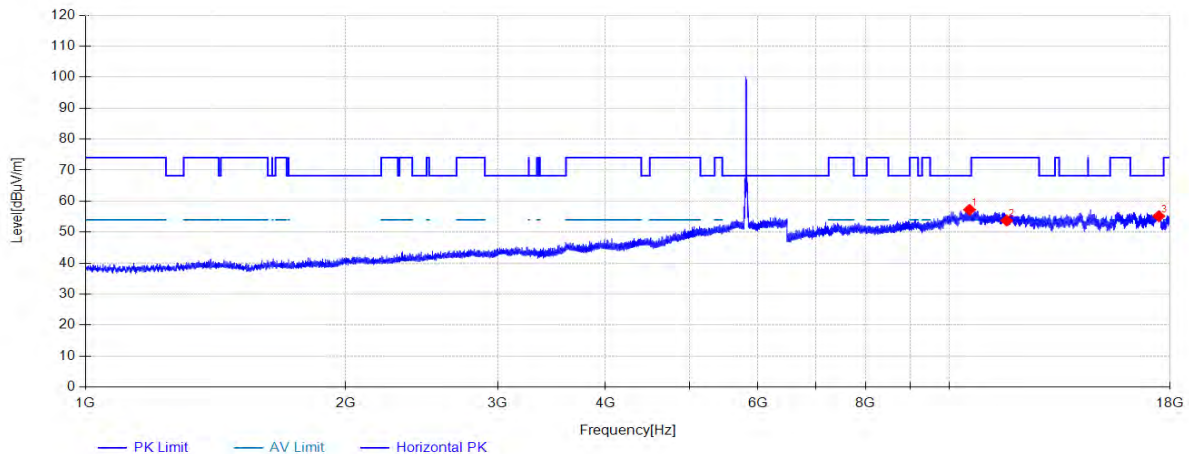
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10553.2221	54.35	39.11	-36.24	57.22	68.20	10.98	345	59	Horizontal
2	11650	51.92	40.10	-38.29	53.73	74.00	20.27	228	309	Horizontal
3	17475	49.61	44.73	-39.19	55.15	68.20	13.05	105	360	Horizontal



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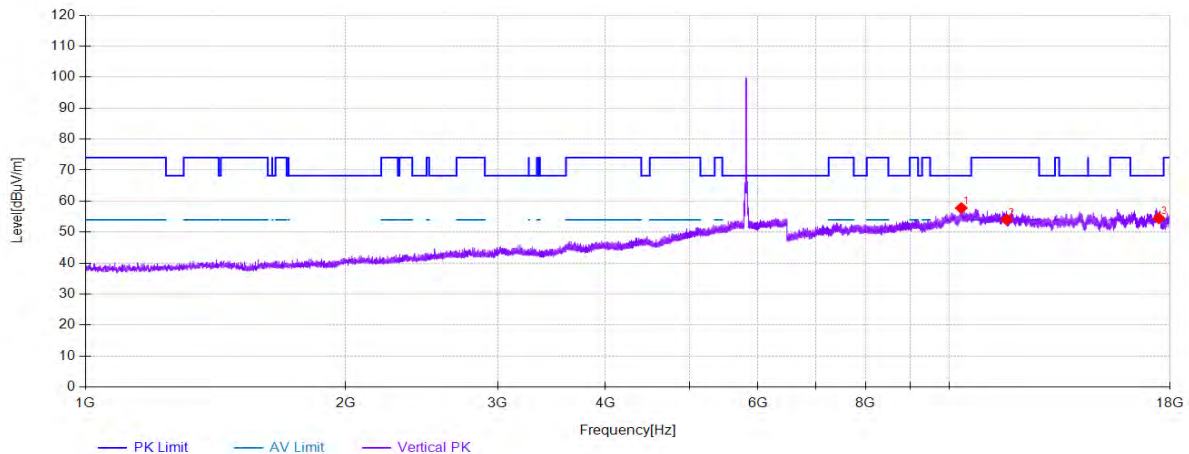
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	10322.2929	54.76	39.12	-36.11	57.77	68.20	10.43	345	283	Vertical
2	11650	52.25	40.10	-38.29	54.06	74.00	19.94	145	126	Vertical
3	17475	48.93	44.73	-39.19	54.47	68.20	13.73	288	302	Vertical



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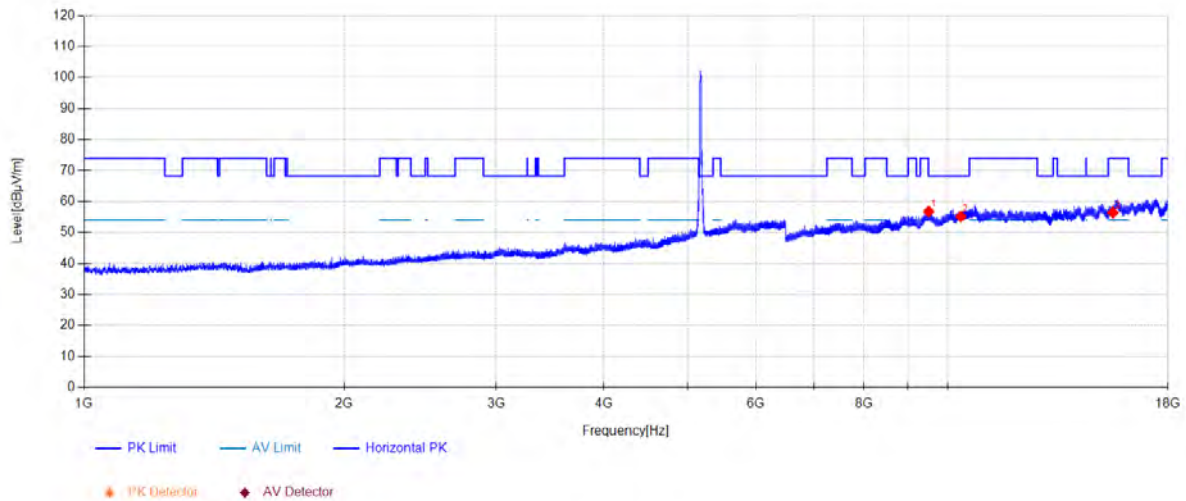
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Data List										
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1	9508.9804	55.49	37.80	-36.52	56.77	68.20	11.43	212	249	Horizontal
2	10360	52.10	39.16	-36.09	55.17	68.20	13.03	236	210	Horizontal
3	15540	53.40	38.74	-35.71	56.43	74.00	17.57	267	228	Horizontal

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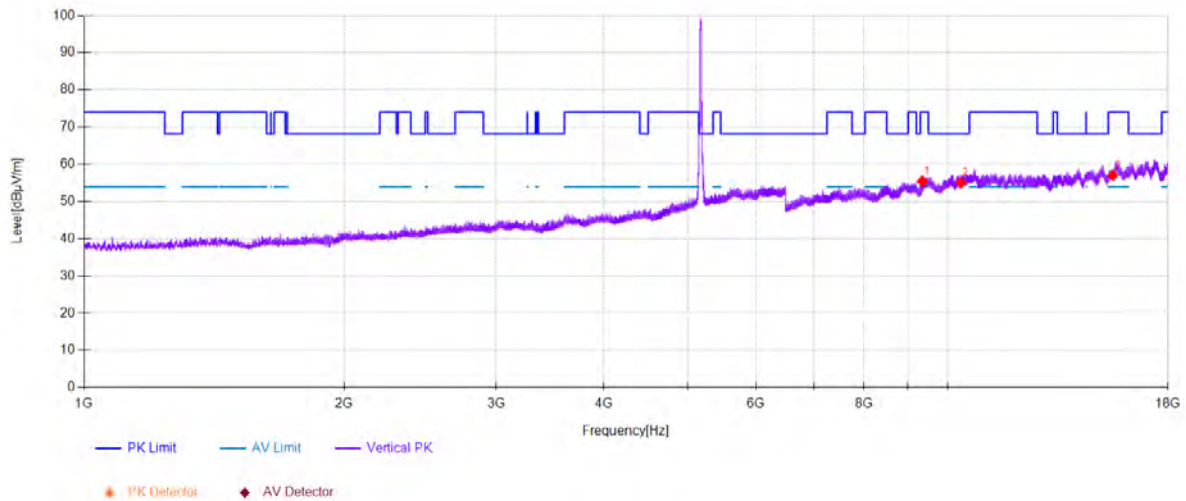
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802.11n20_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9347.9739	54.39	37.39	-36.36	55.42	74.00	18.58	345	58	Vertical
2	10360	51.94	39.16	-36.09	55.01	68.20	13.19	351	29	Vertical
3	15540	54.02	38.74	-35.71	57.05	74.00	16.95	299	277	Vertical



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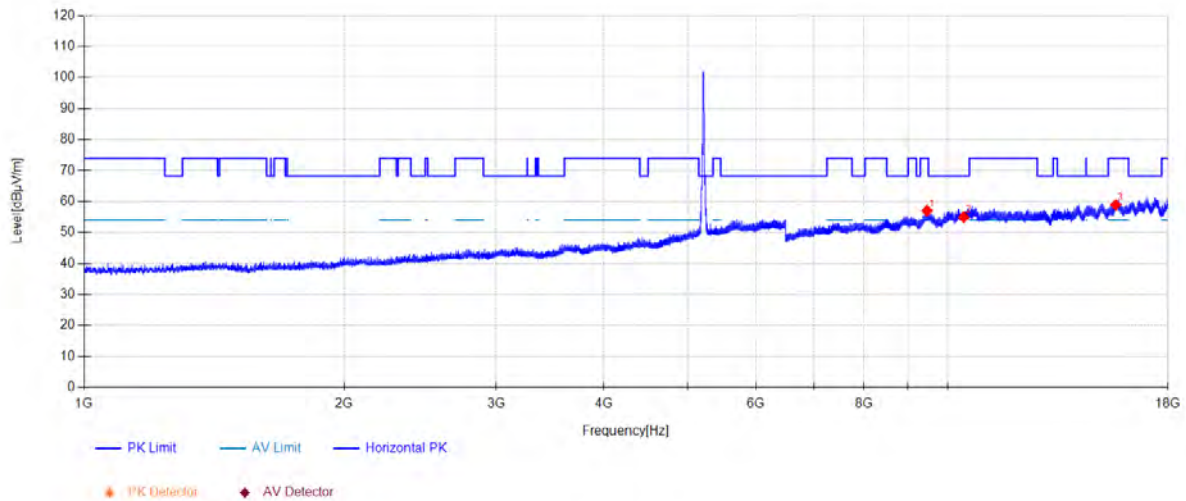
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9468.4987	55.83	37.61	-36.43	57.01	74.00	16.99	214	282	Horizontal
2	10440	51.96	39.08	-36.07	54.97	68.20	13.23	223	242	Horizontal
3	15660	54.48	38.50	-34.05	58.93	74.00	15.07	237	153	Horizontal



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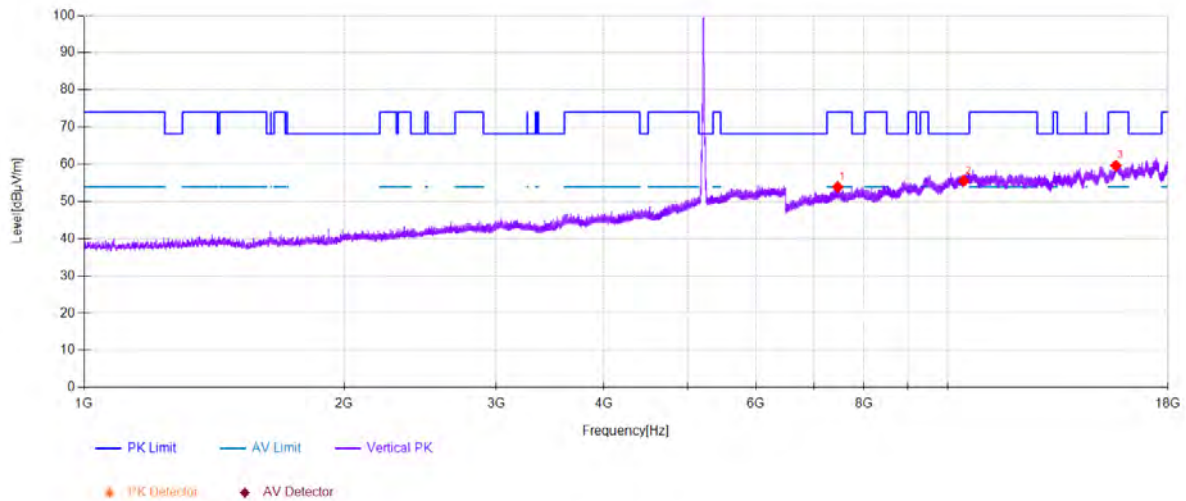
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7460.0584	55.95	36.82	-38.87	53.90	74.00	20.10	304	150	Vertical
2	10440	52.50	39.08	-36.07	55.51	68.20	12.69	299	150	Vertical
3	15660	55.21	38.50	-34.05	59.66	74.00	14.34	312	44	Vertical



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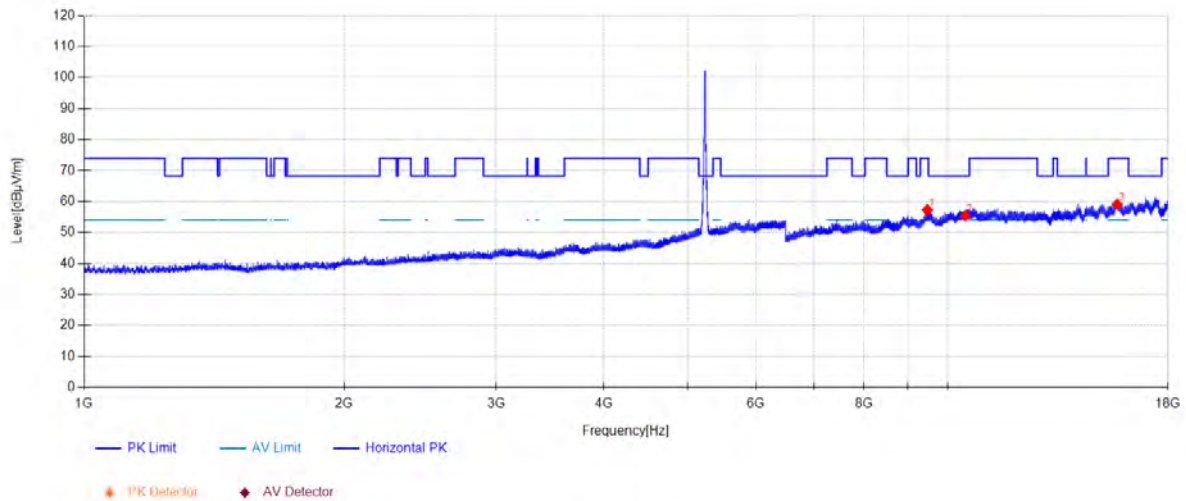
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9474.479	56.04	37.65	-36.45	57.24	74.00	16.76	217	272	Horizontal
2	10480	52.50	38.96	-36.06	55.40	68.20	12.80	222	21	Horizontal
3	15720	54.05	38.42	-33.36	59.11	74.00	14.89	216	50	Horizontal



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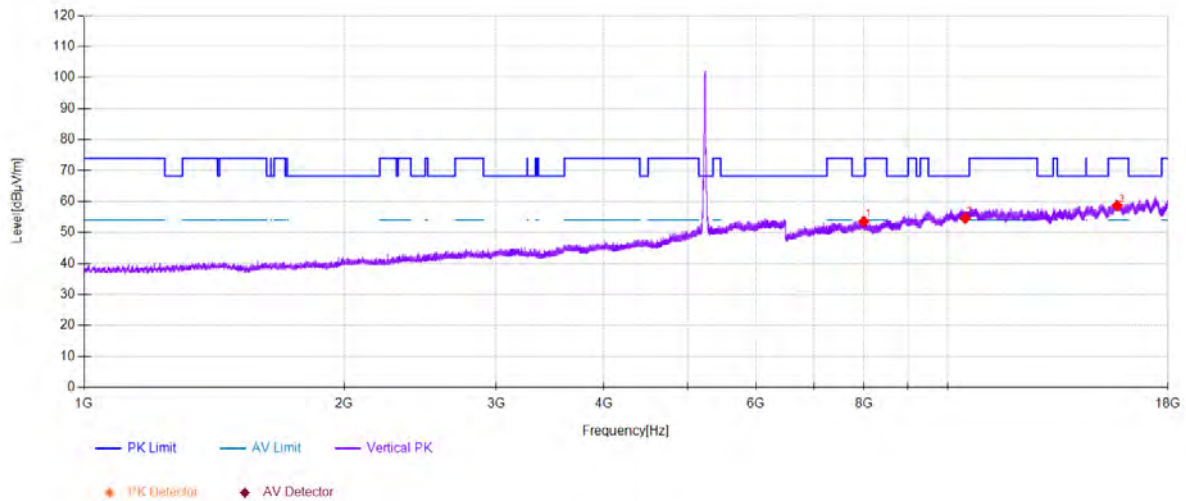
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7997.3599	55.13	36.40	-37.94	53.59	68.20	14.61	321	77	Vertical
2	10480	51.65	38.96	-36.06	54.55	68.20	13.65	335	21	Vertical
3	15720	53.55	38.42	-33.36	58.61	74.00	15.39	298	126	Vertical

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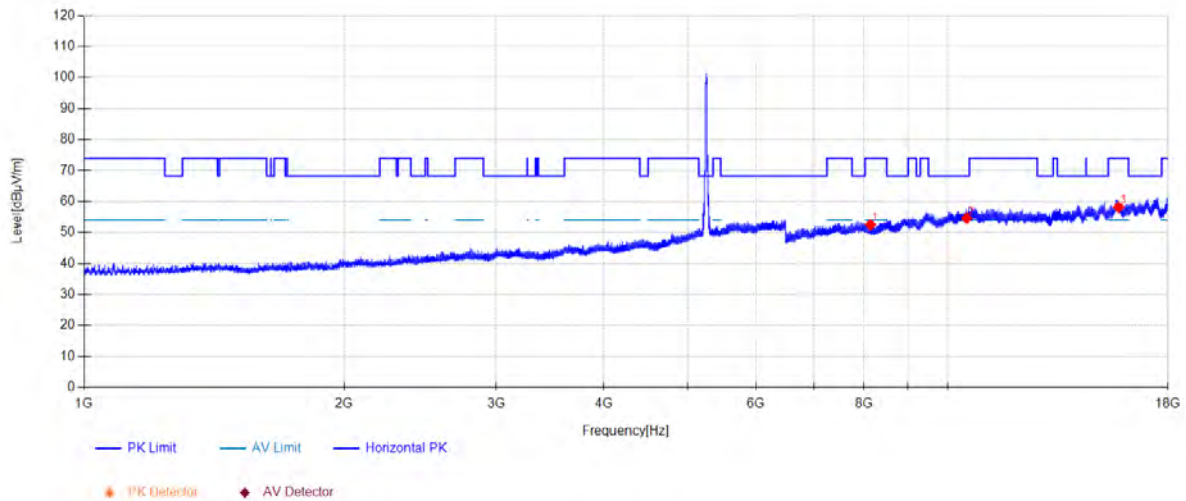
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8140.8856	53.98	36.50	-37.96	52.52	74.00	21.48	214	152	Horizontal
2	10520	51.76	38.98	-36.13	54.61	68.20	13.59	203	240	Horizontal
3	15780	53.83	38.18	-33.87	58.14	74.00	15.86	222	230	Horizontal



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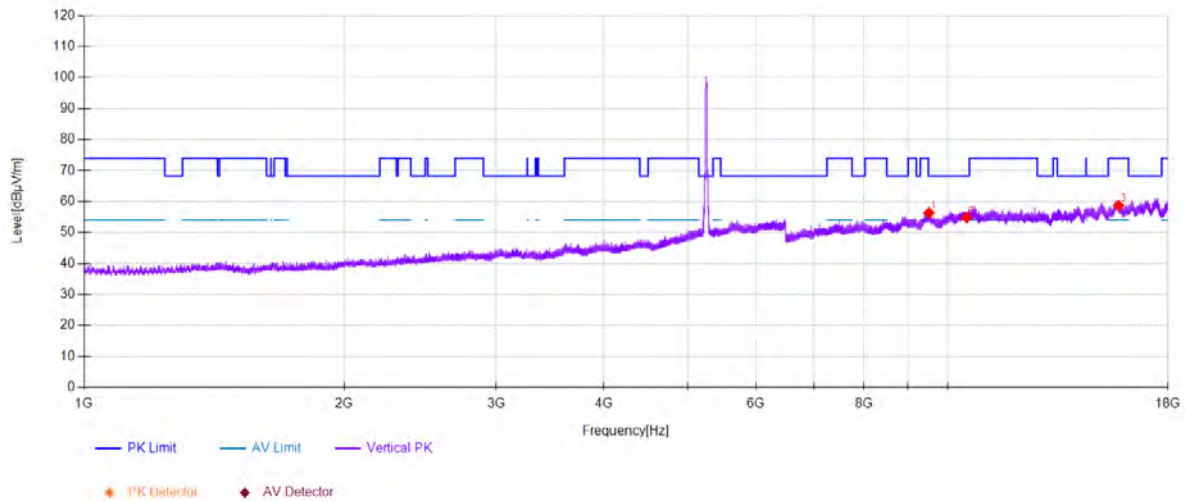
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9514.0406	55.05	37.80	-36.52	56.33	68.20	11.87	311	88	Vertical
2	10520	51.96	38.98	-36.13	54.81	68.20	13.39	305	330	Vertical
3	15780	54.36	38.18	-33.87	58.67	74.00	15.33	297	2	Vertical



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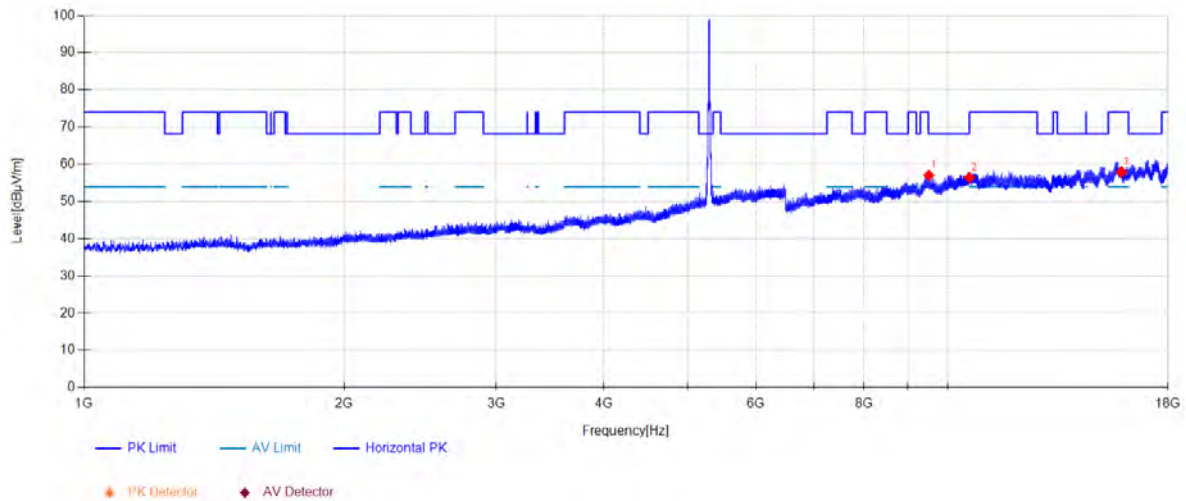
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9512.2005	55.74	37.80	-36.52	57.02	68.20	11.18	241	107	Horizontal
2	10600	53.55	39.30	-36.40	56.45	74.00	17.55	223	107	Horizontal
3	15900	53.92	37.70	-33.68	57.94	74.00	16.06	214	58	Horizontal



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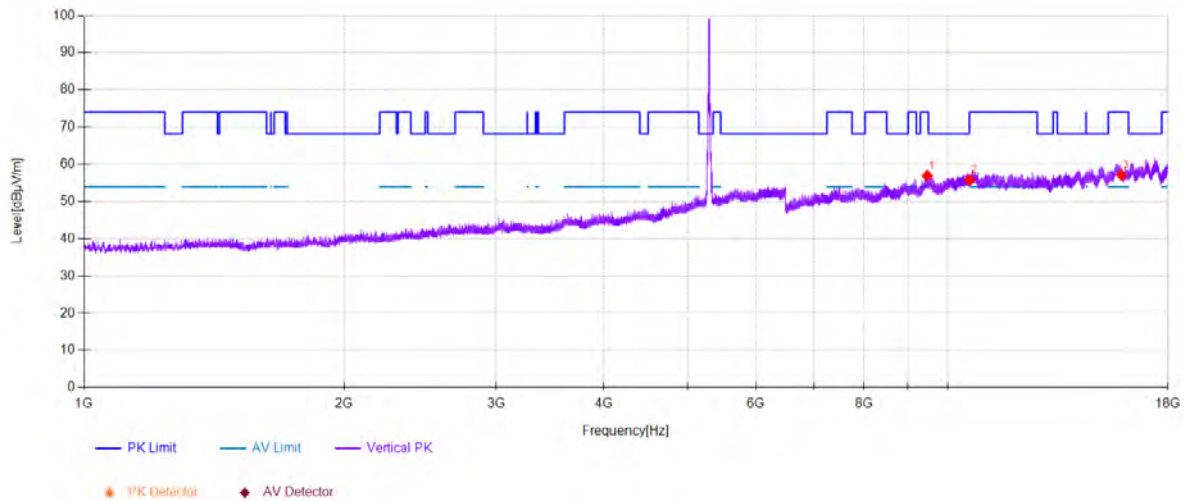
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9469.8788	55.76	37.62	-36.44	56.94	74.00	17.06	327	39	Vertical
2	10600	52.82	39.30	-36.40	55.72	74.00	18.28	299	165	Vertical
3	15900	53.10	37.70	-33.68	57.12	74.00	16.88	216	243	Vertical



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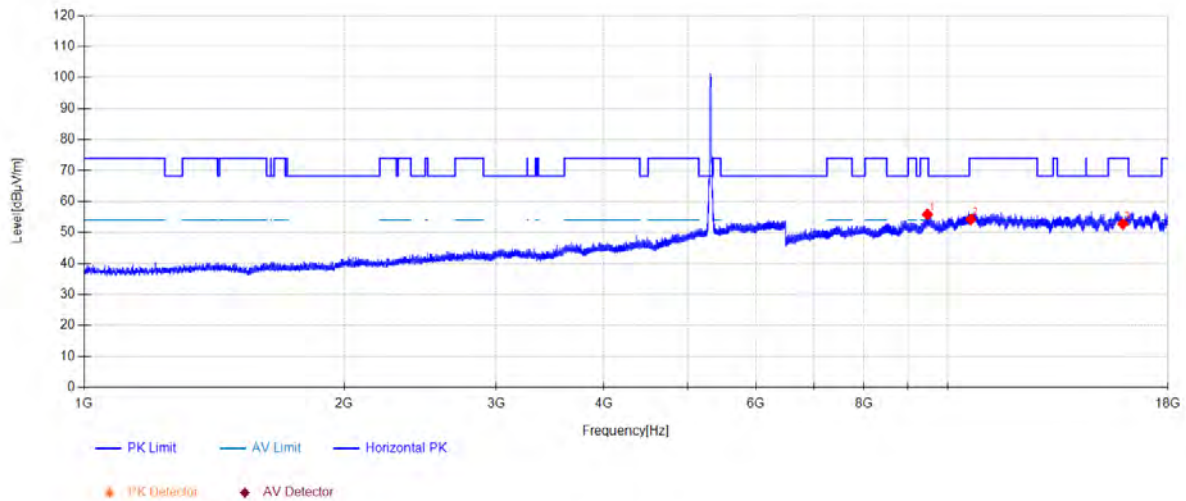
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9477.6991	54.67	37.67	-36.46	55.88	74.00	18.12	183	98	Horizontal
2	10640	51.30	39.38	-36.44	54.24	74.00	19.76	199	184	Horizontal
3	15960	49.43	37.82	-34.46	52.79	74.00	21.21	203	184	Horizontal



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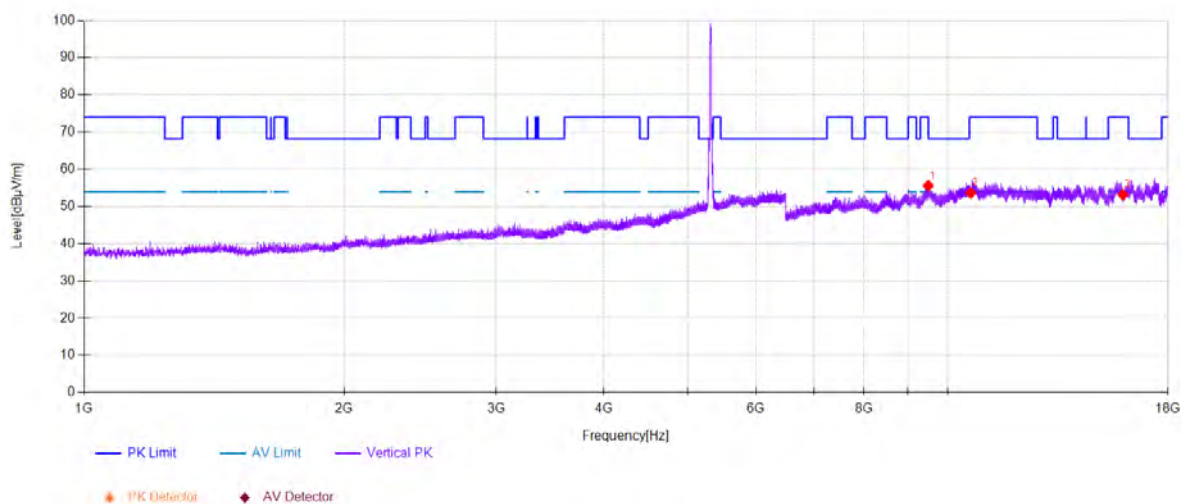
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802.11n20_Channel 64



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9497.9399	54.32	37.79	-36.51	55.60	74.00	18.40	291	39	Vertical
2	10640	50.66	39.38	-36.44	53.60	74.00	20.40	299	72	Vertical
3	15960	49.81	37.82	-34.46	53.17	74.00	20.83	312	299	Vertical



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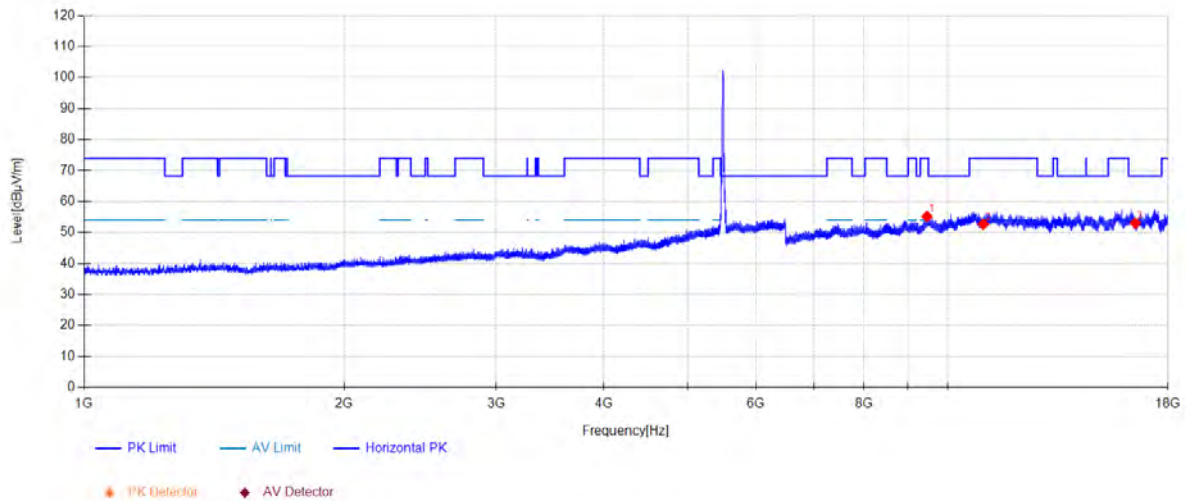
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802.11n20_Channel 100



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9467.1187	54.00	37.60	-36.43	55.17	74.00	18.83	173	234	Horizontal
2	11000	50.78	40.10	-38.16	52.72	74.00	21.28	196	13	Horizontal
3	16500	50.69	39.30	-36.96	53.03	68.20	15.17	182	310	Horizontal



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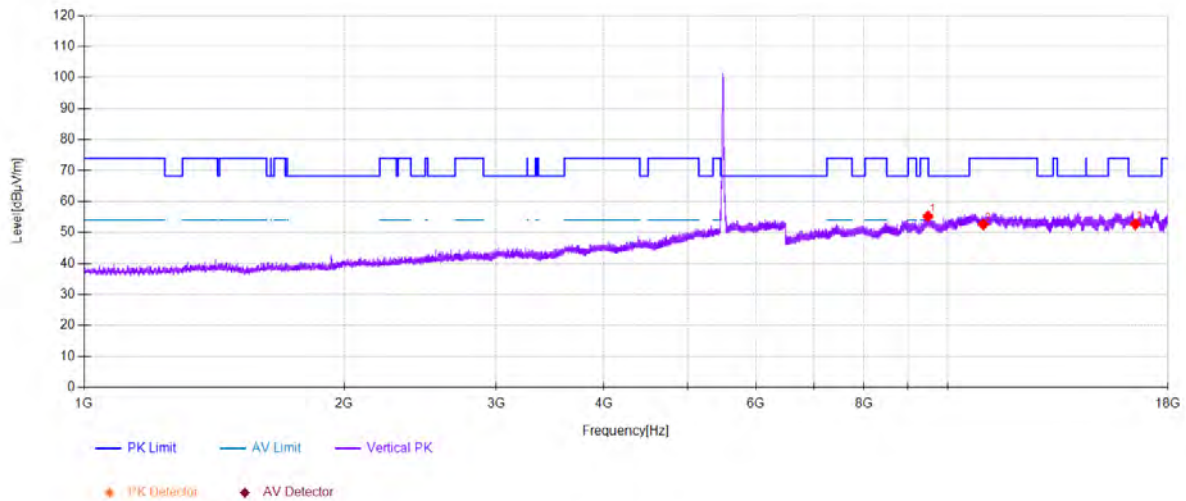
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9491.9597	54.00	37.75	-36.50	55.25	74.00	18.75	301	69	Vertical
2	11000	50.69	40.10	-38.16	52.63	74.00	21.37	291	174	Vertical
3	16500	50.42	39.30	-36.96	52.76	68.20	15.44	311	310	Vertical



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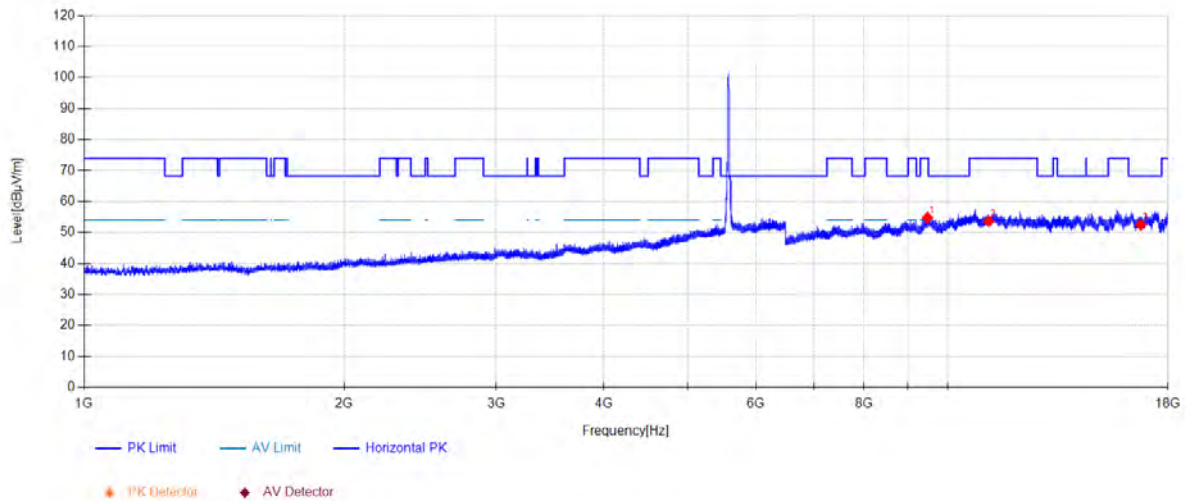
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9478.1591	53.57	37.67	-36.46	54.78	74.00	19.22	177	2	Horizontal
2	11160	51.80	40.20	-38.35	53.65	74.00	20.35	196	301	Horizontal
3	16740	49.69	39.48	-36.64	52.53	68.20	15.67	202	310	Horizontal



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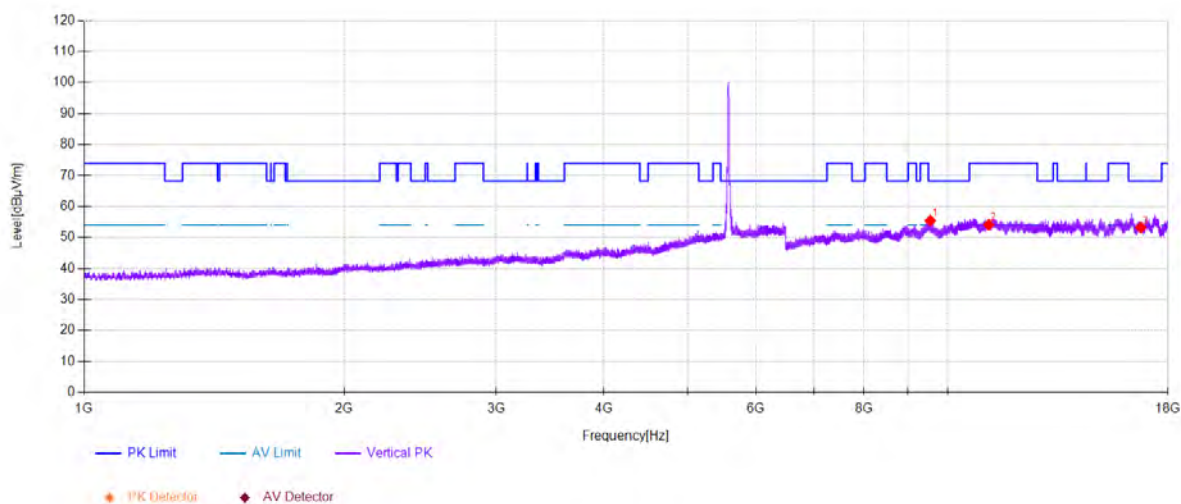
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9549.002	54.17	37.80	-36.53	55.44	68.20	12.76	219	31	Vertical
2	11160	52.27	40.20	-38.35	54.12	74.00	19.88	191	69	Vertical
3	16740	50.40	39.48	-36.64	53.24	68.20	14.96	198	292	Vertical



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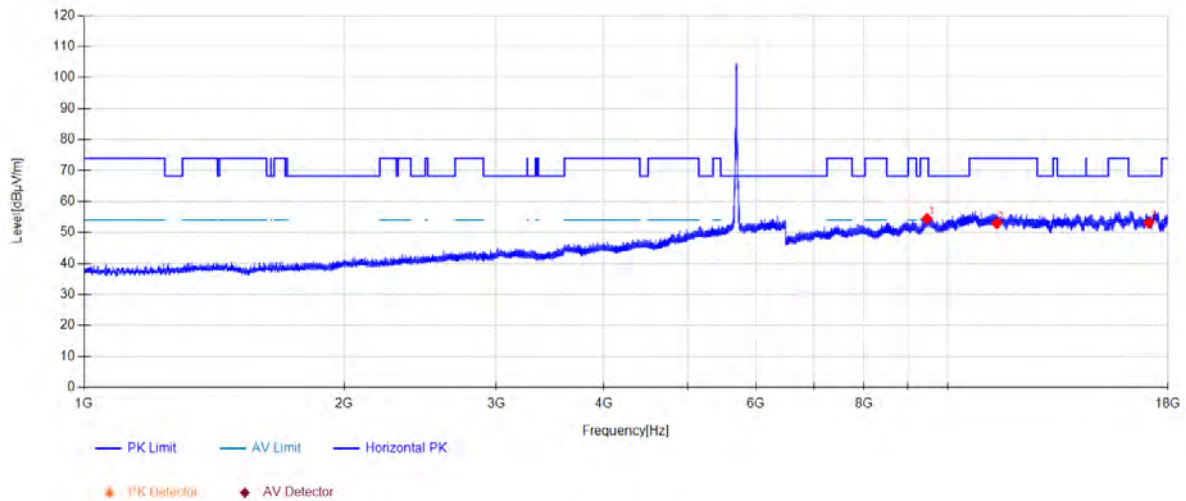
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9465.7386	53.32	37.59	-36.43	54.48	74.00	19.52	175	59	Horizontal
2	11400	51.02	40.30	-38.34	52.98	74.00	21.02	189	12	Horizontal
3	17100	48.93	42.10	-37.91	53.12	68.20	15.08	192	78	Horizontal



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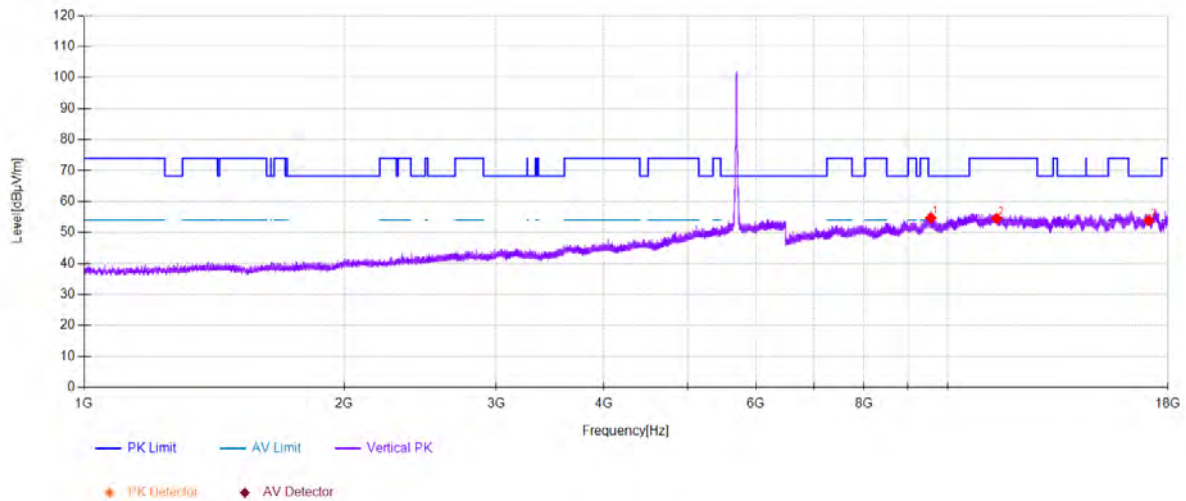
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9561.4225	53.45	37.80	-36.54	54.71	68.20	13.49	222	2	Vertical
2	11400	52.53	40.30	-38.34	54.49	74.00	19.51	281	342	Vertical
3	17100	49.67	42.10	-37.91	53.86	68.20	14.34	304	302	Vertical



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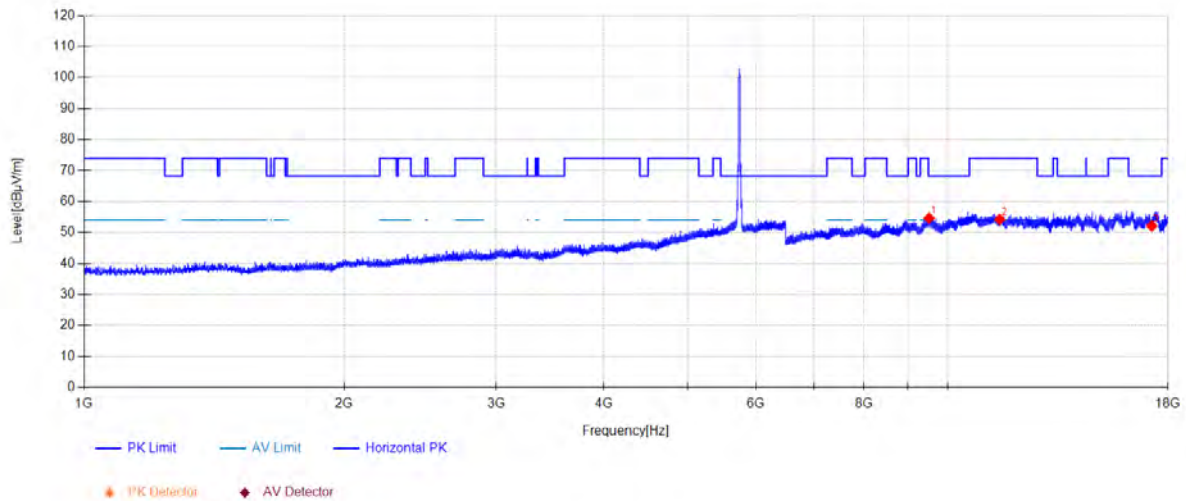
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9518.6407	53.36	37.80	-36.53	54.63	68.20	13.57	192	69	Horizontal
2	11490	52.79	40.21	-38.77	54.23	74.00	19.77	212	2	Horizontal
3	17235	48.34	42.78	-38.97	52.15	68.20	16.05	206	242	Horizontal



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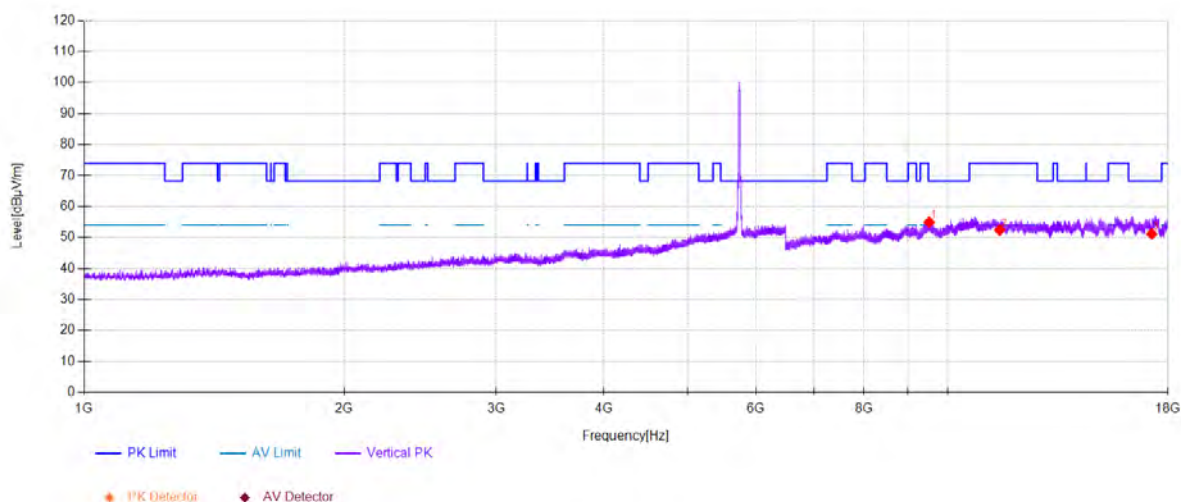
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9520.0208	53.70	37.80	-36.53	54.97	68.20	13.23	279	146	Vertical
2	11490	51.00	40.21	-38.77	52.44	74.00	21.56	302	329	Vertical
3	17235	47.38	42.78	-38.97	51.19	68.20	17.01	199	358	Vertical



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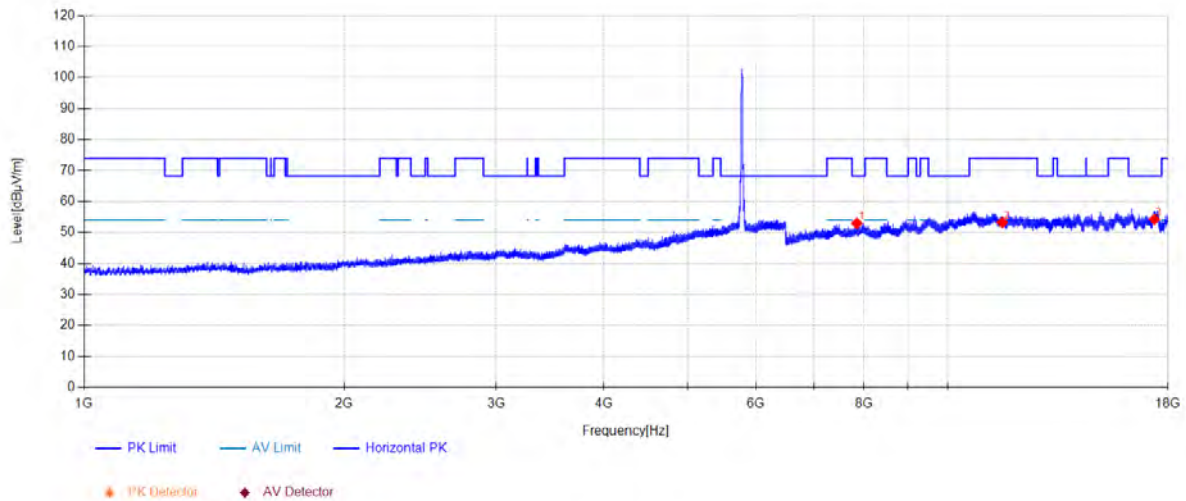
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Data List										
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1	7850.154	54.38	36.80	-38.19	52.99	68.20	15.21	192	2	Horizontal
2	11570	50.93	40.27	-37.95	53.25	74.00	20.75	186	40	Horizontal
3	17355	49.00	43.96	-38.71	54.25	68.20	13.95	207	145	Horizontal



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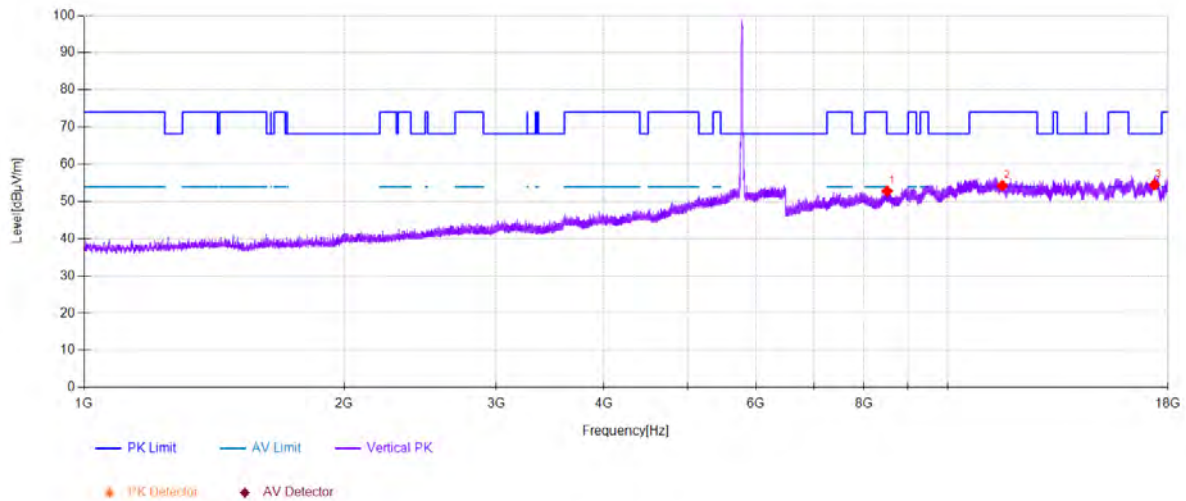
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802.11n20_Channel 157



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	8511.2004	53.59	36.52	-37.30	52.81	68.20	15.39	307	10	Vertical
2	11570	51.96	40.27	-37.95	54.28	74.00	19.72	287	126	Vertical
3	17355	49.25	43.96	-38.71	54.50	68.20	13.70	316	271	Vertical



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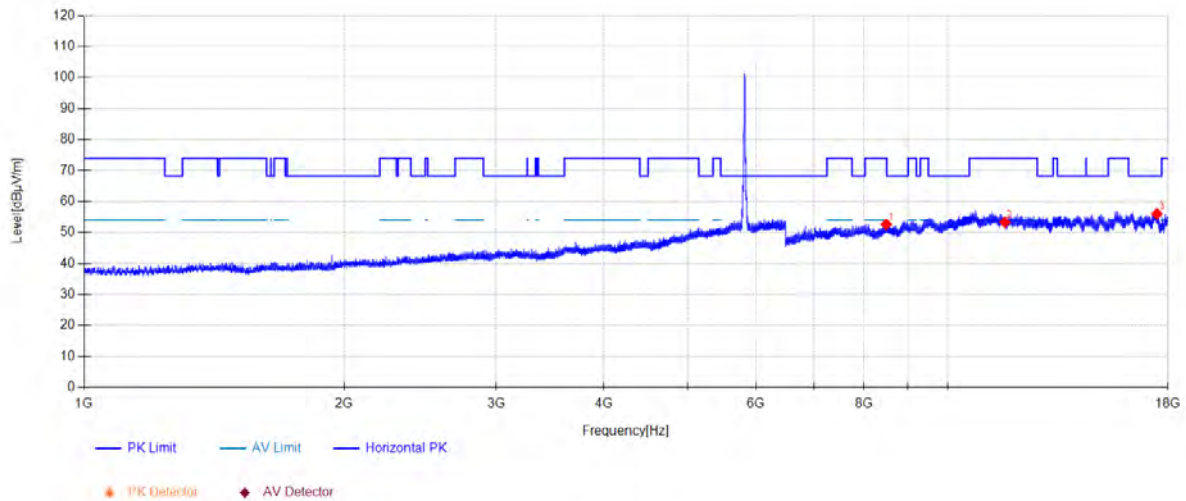
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8491.8797	53.46	36.48	-37.30	52.64	74.00	21.36	274	225	Horizontal
2	11650	51.55	40.10	-38.29	53.36	74.00	20.64	222	20	Horizontal
3	17475	50.49	44.73	-39.19	56.03	68.20	12.17	216	264	Horizontal



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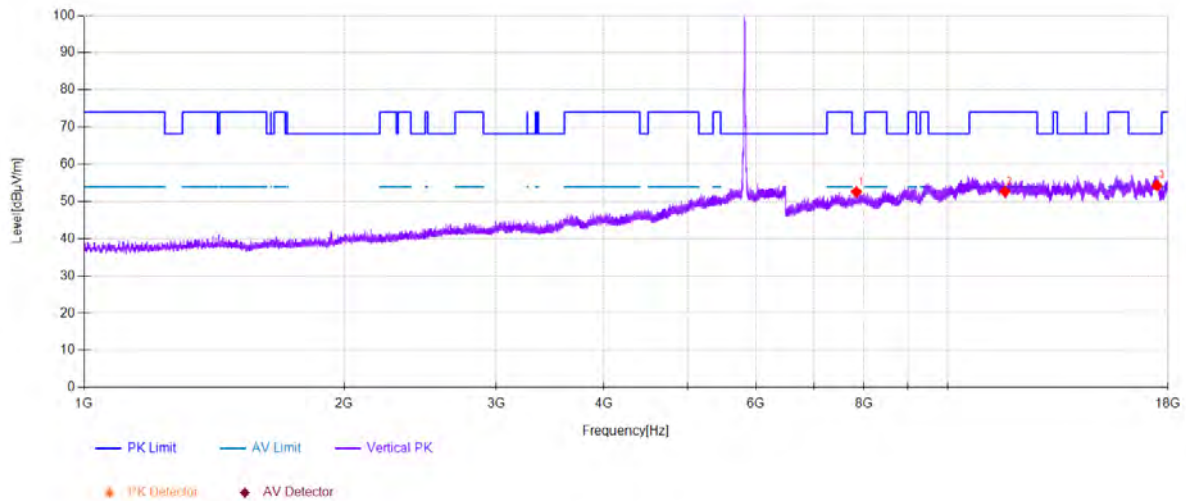
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802.11n20_Channel 165



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7840.4936	54.00	36.76	-38.18	52.58	68.20	15.62	341	261	Vertical
2	11650	50.88	40.10	-38.29	52.69	74.00	21.31	311	355	Vertical
3	17475	48.75	44.73	-39.19	54.29	68.20	13.91	296	156	Vertical



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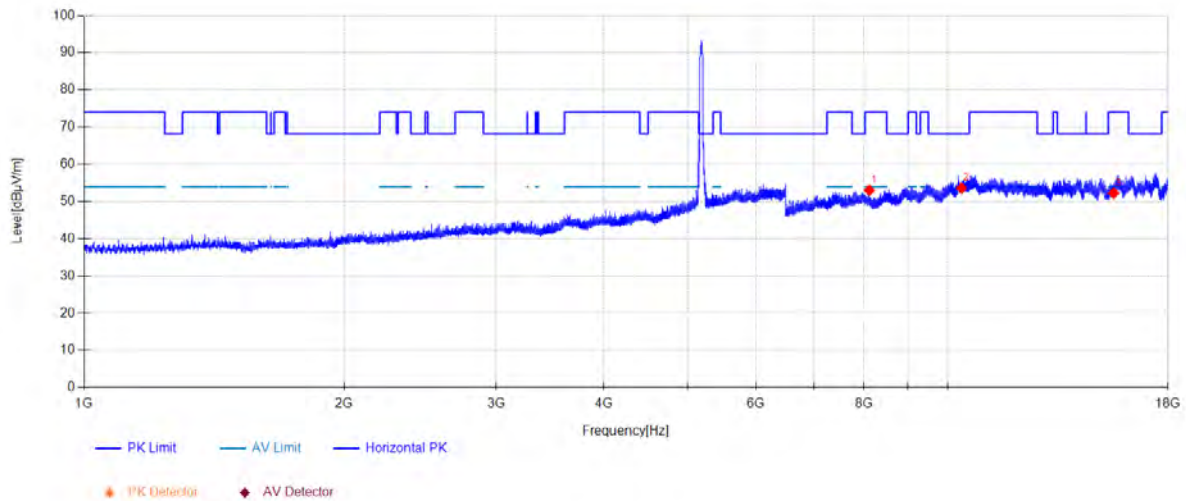
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8115.1246	54.53	36.50	-38.00	53.03	74.00	20.97	198	300	Horizontal
2	10380	50.50	39.18	-36.08	53.60	68.20	14.60	201	90	Horizontal
3	15570	49.17	38.62	-35.54	52.25	74.00	21.75	216	200	Horizontal



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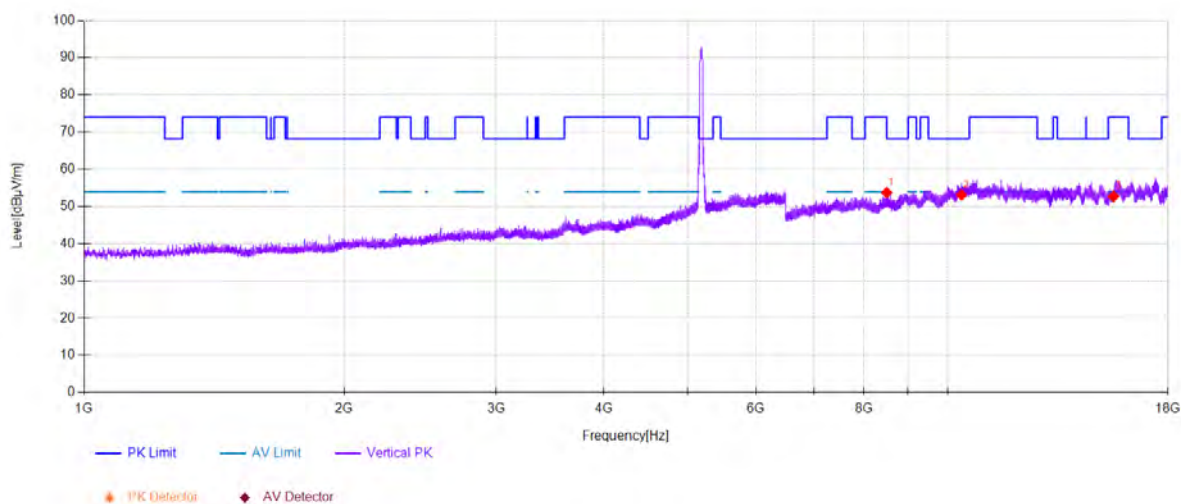
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8500.62	54.50	36.50	-37.28	53.72	68.20	14.48	299	170	Vertical
2	10380	50.01	39.18	-36.08	53.11	68.20	15.09	247	270	Vertical
3	15570	49.65	38.62	-35.54	52.73	74.00	21.27	302	80	Vertical



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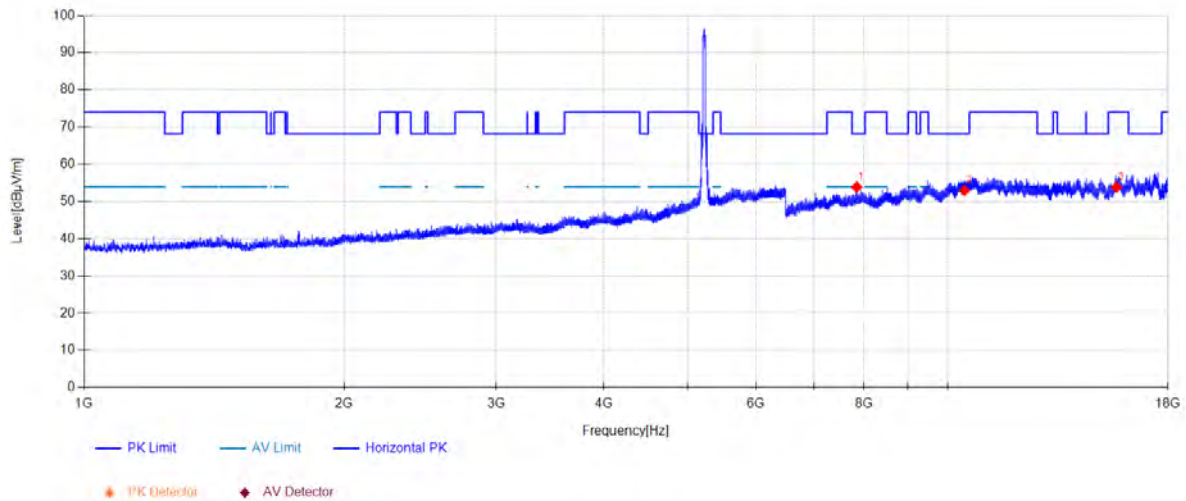
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7847.8539	55.25	36.79	-38.18	53.86	68.20	14.34	198	30	Horizontal
2	10460	50.02	39.02	-36.06	52.98	68.20	15.22	187	58	Horizontal
3	15690	48.75	38.50	-33.40	53.85	74.00	20.15	199	237	Horizontal



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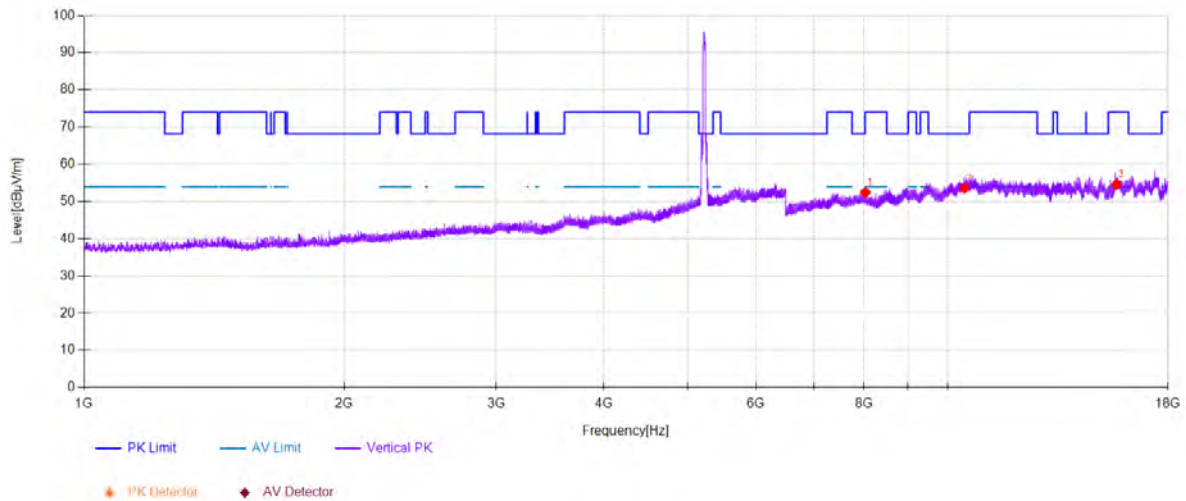
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8030.9412	53.93	36.46	-37.96	52.43	74.00	21.57	305	324	Vertical
2	10460	50.61	39.02	-36.06	53.57	68.20	14.63	299	201	Vertical
3	15690	49.51	38.50	-33.40	54.61	74.00	19.39	314	286	Vertical



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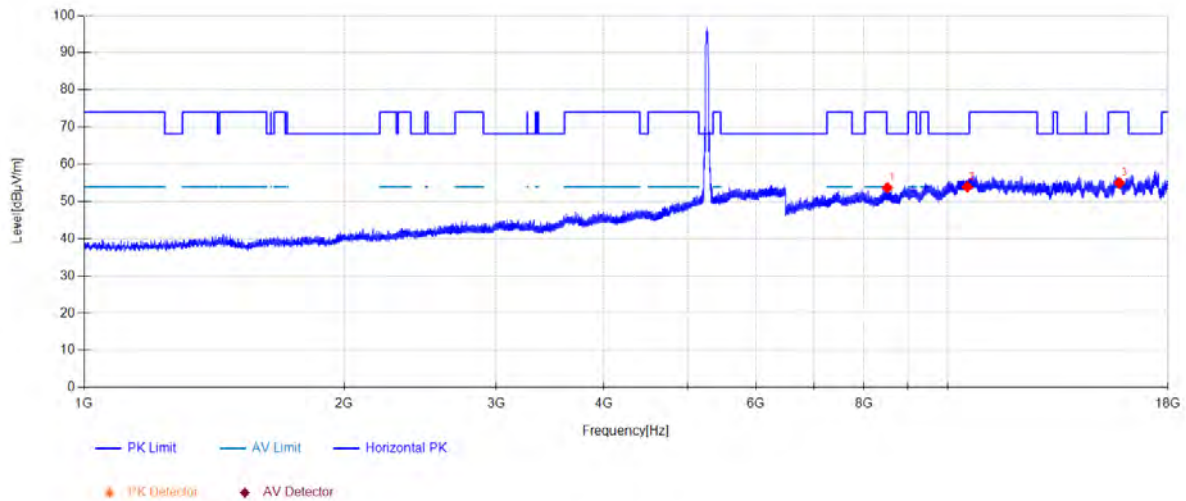
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8515.8006	54.46	36.53	-37.30	53.69	68.20	14.51	159	302	Horizontal
2	10540	51.04	39.06	-36.20	53.90	68.20	14.30	199	206	Horizontal
3	15810	50.93	38.06	-34.00	54.99	74.00	19.01	201	0	Horizontal



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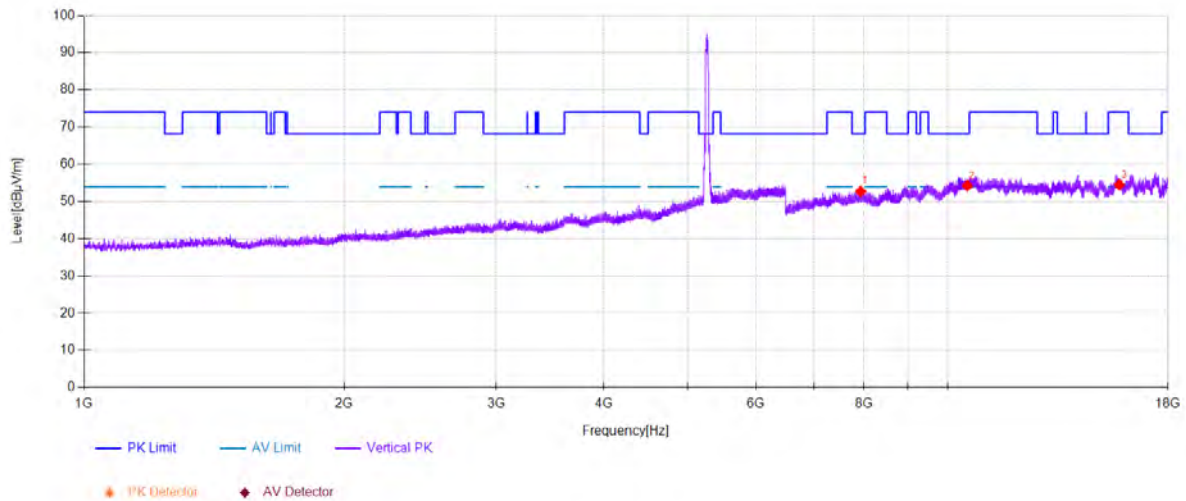
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7931.1172	54.38	36.44	-38.11	52.71	68.20	15.49	155	311	Vertical
2	10540	51.39	39.06	-36.20	54.25	68.20	13.95	176	282	Vertical
3	15810	50.43	38.06	-34.00	54.49	74.00	19.51	221	216	Vertical

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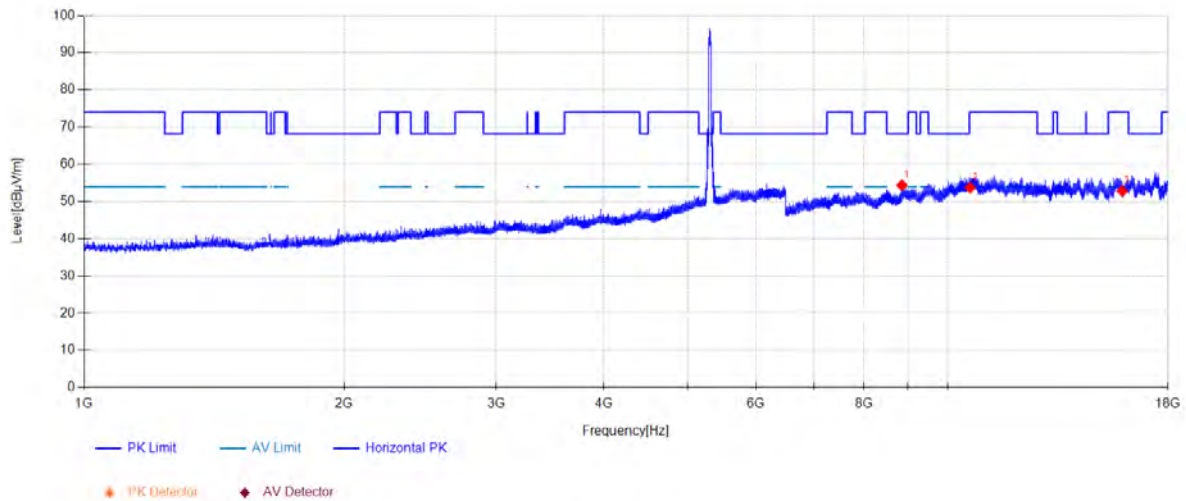
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8854.8342	54.33	36.79	-36.76	54.36	68.20	13.84	191	49	Horizontal
2	10620	50.80	39.34	-36.42	53.72	74.00	20.28	204	291	Horizontal
3	15930	49.13	37.76	-34.07	52.82	74.00	21.18	211	49	Horizontal



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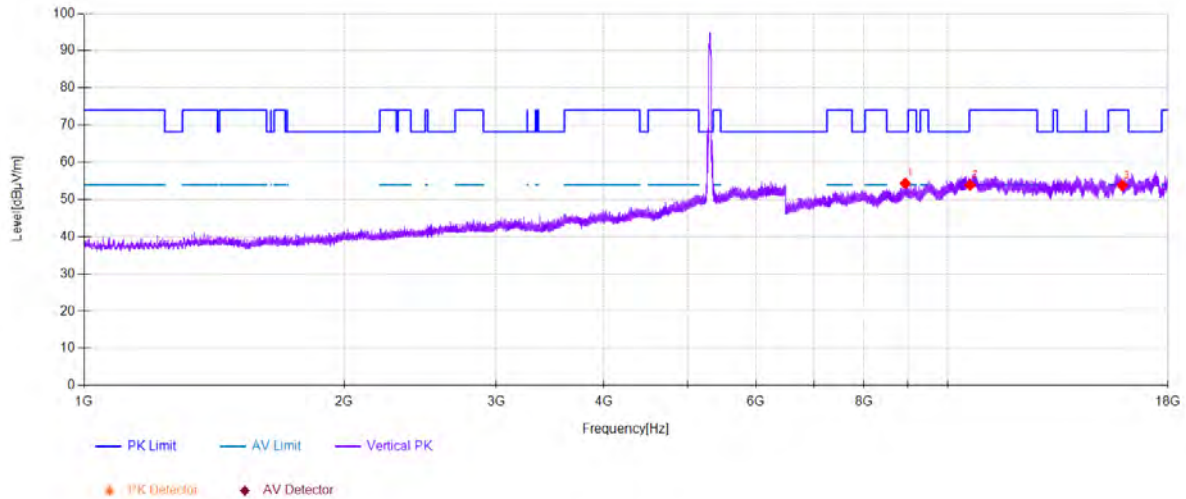
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8933.0373	54.08	36.83	-36.58	54.33	68.20	13.87	214	147	Vertical
2	10620	50.93	39.34	-36.42	53.85	74.00	20.15	201	234	Vertical
3	15930	50.09	37.76	-34.07	53.78	74.00	20.22	199	253	Vertical



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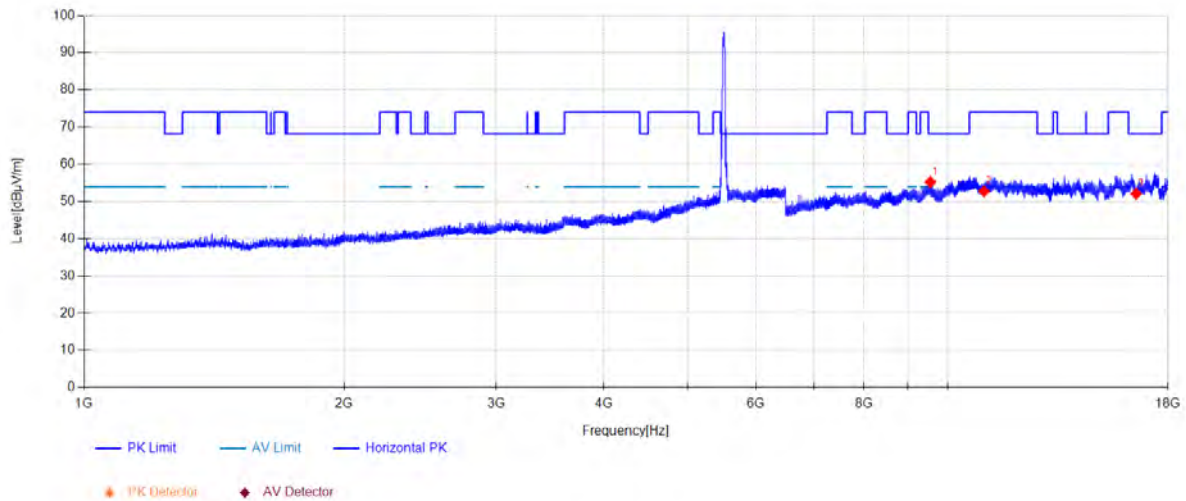
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802.11n40_Channel 102



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9550.382	53.95	37.80	-36.54	55.21	68.20	12.99	210	36	Horizontal
2	11020	50.84	40.12	-38.21	52.75	74.00	21.25	206	264	Horizontal
3	16530	49.50	39.36	-36.79	52.07	68.20	16.13	198	150	Horizontal



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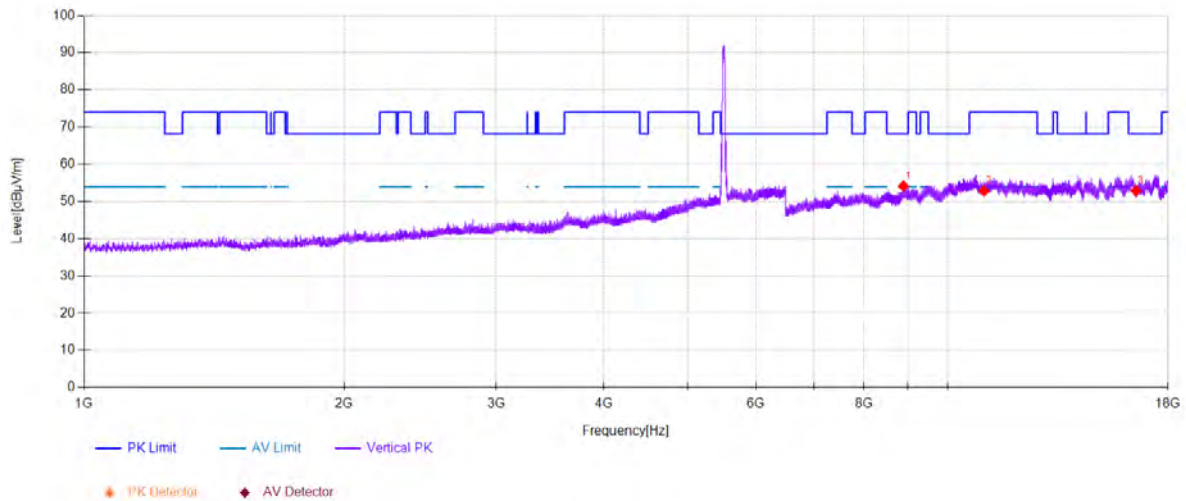
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802.11n40_Channel 102



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8889.7956	53.94	36.72	-36.52	54.14	68.20	14.06	311	273	Vertical
2	11020	50.96	40.12	-38.21	52.87	74.00	21.13	298	131	Vertical
3	16530	50.34	39.36	-36.79	52.91	68.20	15.29	309	64	Vertical



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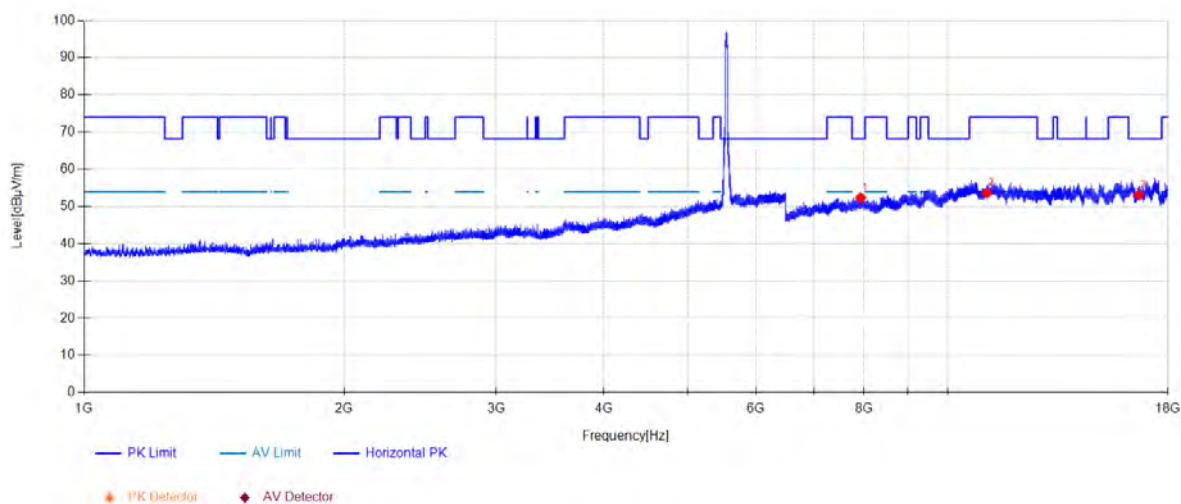
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802.11n40_Channel 110



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	7930.6572	54.03	36.44	-38.11	52.36	68.20	15.84	202	235	Horizontal
2	11100	51.85	40.20	-38.40	53.65	74.00	20.35	176	26	Horizontal
3	16650	50.04	39.45	-36.38	53.11	68.20	15.09	199	121	Horizontal



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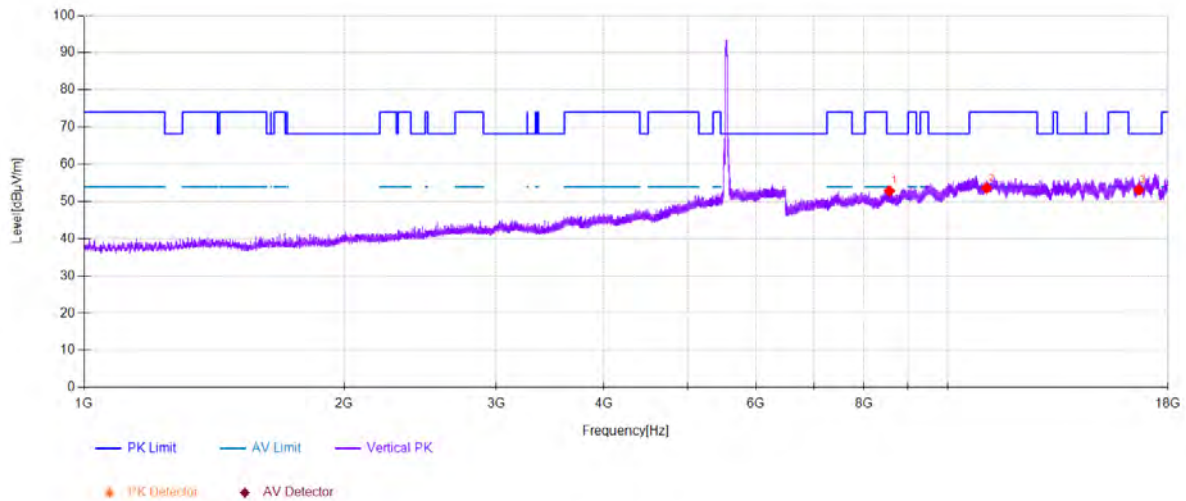
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8562.7225	53.65	36.57	-37.37	52.85	68.20	15.35	241	121	Vertical
2	11100	51.79	40.20	-38.40	53.59	74.00	20.41	222	150	Vertical
3	16650	50.02	39.45	-36.38	53.09	68.20	15.11	236	112	Vertical



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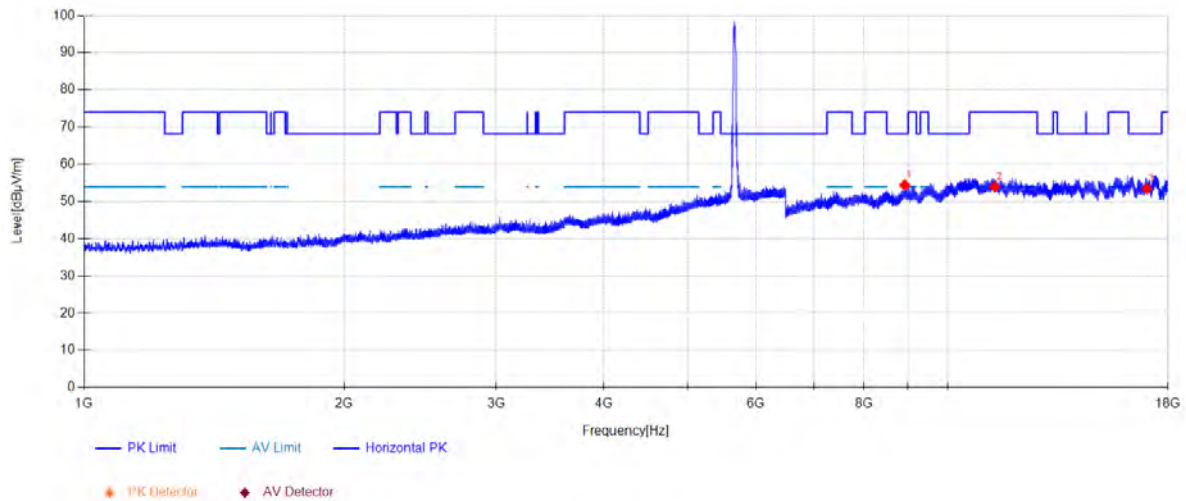
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8921.0768	54.17	36.78	-36.53	54.42	68.20	13.78	189	322	Horizontal
2	11340	52.10	40.18	-38.33	53.95	74.00	20.05	195	236	Horizontal
3	17010	49.26	41.38	-37.17	53.47	68.20	14.73	215	94	Horizontal



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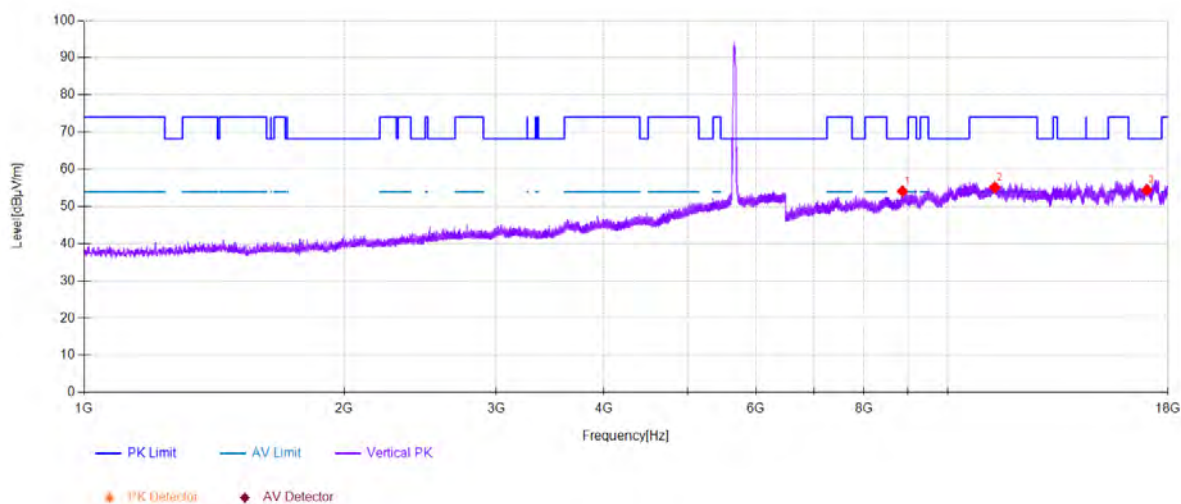
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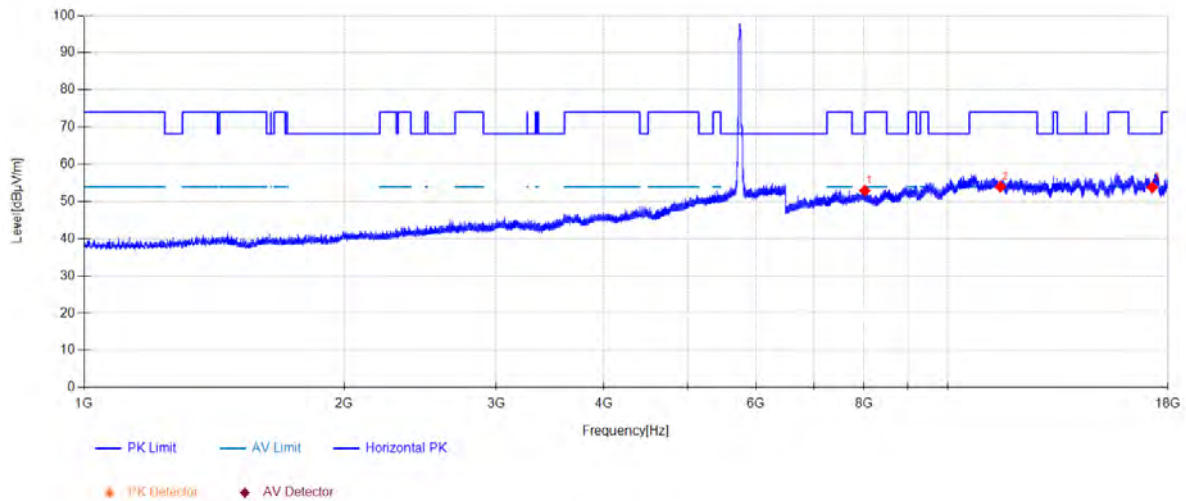
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1	8865.8746	54.04	36.77	-36.68	54.13	68.20	14.07	236	84	Vertical
2	11340	53.27	40.18	-38.33	55.12	74.00	18.88	316	236	Vertical
3	17010	50.23	41.38	-37.17	54.44	68.20	13.76	299	17	Vertical

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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8018.5207	54.44	36.44	-37.95	52.93	68.20	15.27	198	201	Horizontal
2	11510	52.46	40.21	-38.70	53.97	74.00	20.03	203	153	Horizontal
3	17265	49.60	43.02	-38.83	53.79	68.20	14.41	167	39	Horizontal



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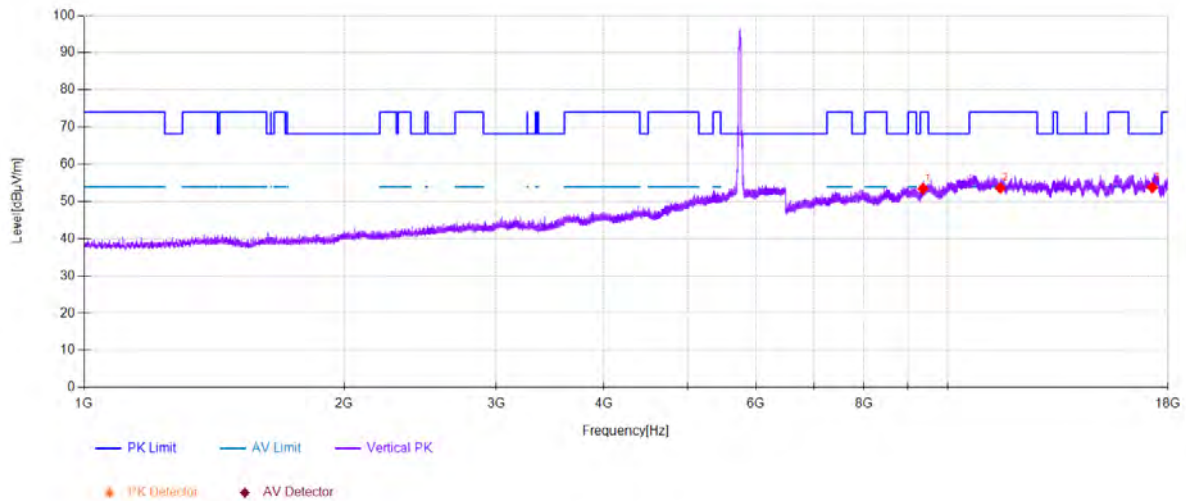
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9364.5346	52.40	37.37	-36.33	53.44	74.00	20.56	254	87	Vertical
2	11510	52.11	40.21	-38.70	53.62	74.00	20.38	233	126	Vertical
3	17265	49.58	43.02	-38.83	53.77	68.20	14.43	241	306	Vertical



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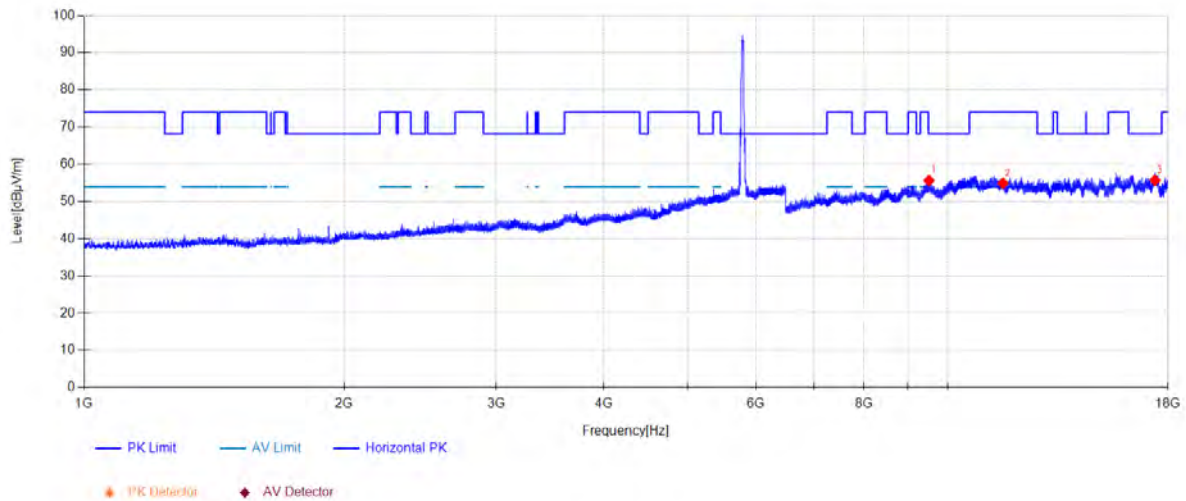
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9515.8806	54.33	37.80	-36.52	55.61	68.20	12.59	198	143	Horizontal
2	11590	52.32	40.29	-37.70	54.91	74.00	19.09	204	10	Horizontal
3	17385	50.12	44.32	-38.74	55.70	68.20	12.50	212	332	Horizontal



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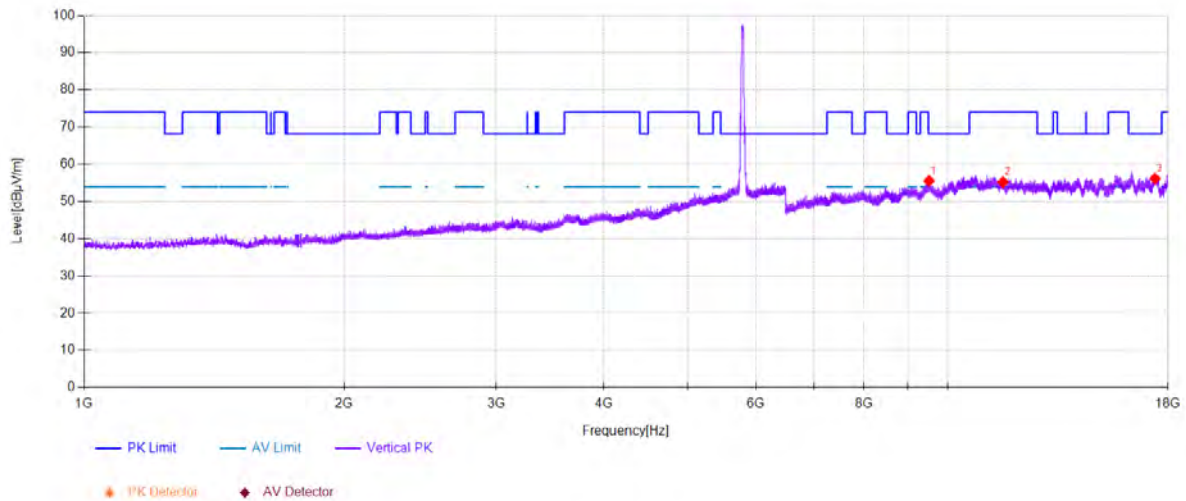
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9516.8007	54.27	37.80	-36.53	55.54	68.20	12.66	222	259	Vertical
2	11590	52.60	40.29	-37.70	55.19	74.00	18.81	231	87	Vertical
3	17385	50.61	44.32	-38.74	56.19	68.20	12.01	216	228	Vertical



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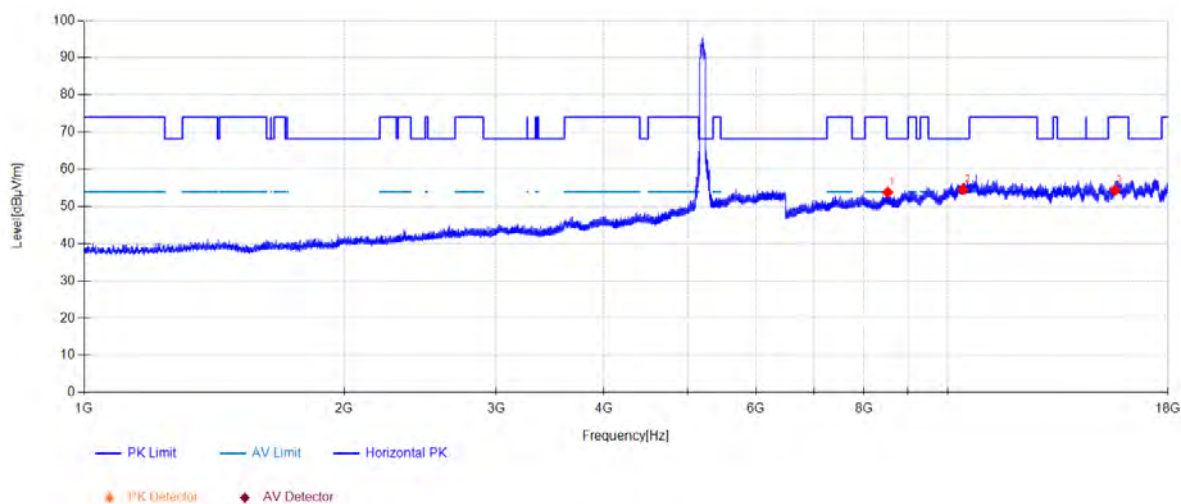
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8524.081	54.55	36.55	-37.31	53.79	68.20	14.41	157	87	Horizontal
2	10420	51.50	39.14	-36.07	54.57	68.20	13.63	136	2	Horizontal
3	15630	50.55	38.50	-34.71	54.34	74.00	19.66	172	356	Horizontal



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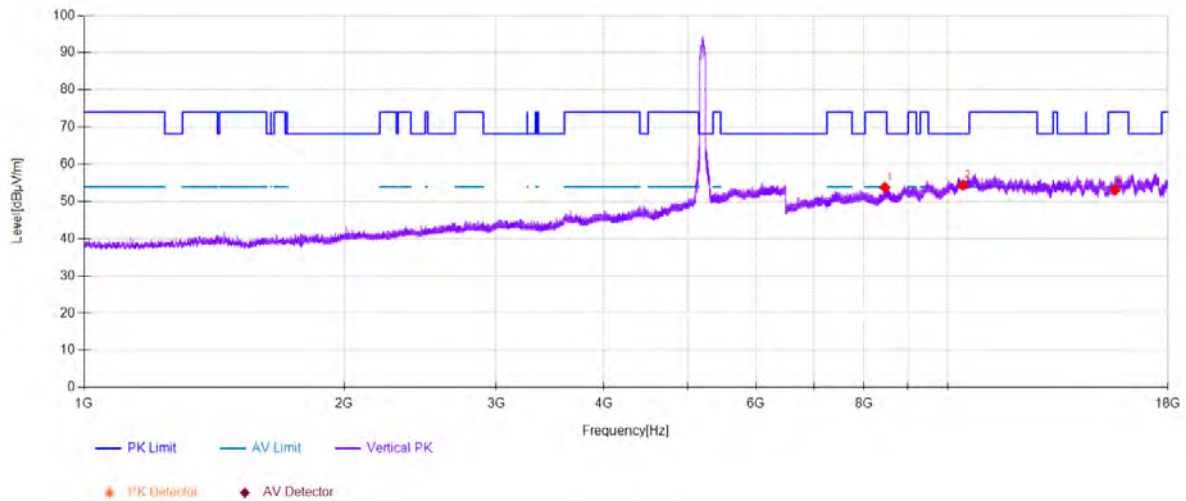
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802.11ac80_Channel 42



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8457.3783	54.74	36.41	-37.40	53.75	74.00	20.25	311	77	Vertical
2	10420	51.31	39.14	-36.07	54.38	68.20	13.82	298	86	Vertical
3	15630	49.29	38.50	-34.71	53.08	74.00	20.92	315	352	Vertical

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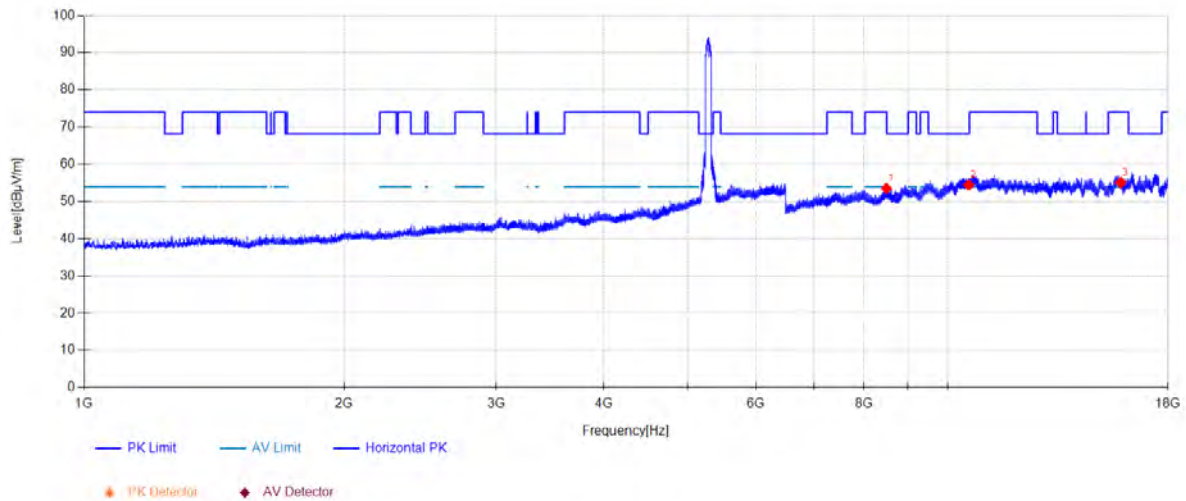
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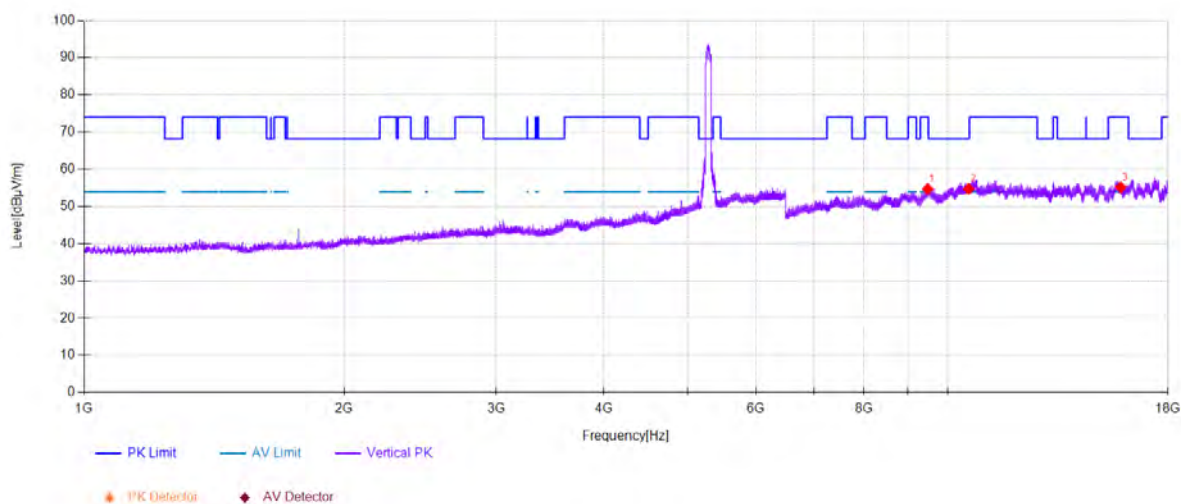
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1	8495.5598	54.31	36.49	-37.29	53.51	74.00	20.49	215	315	Horizontal
2	10580	51.56	39.22	-36.33	54.45	68.20	13.75	199	176	Horizontal
3	15870	51.06	37.82	-33.79	55.09	74.00	18.91	176	187	Horizontal

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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9482.2993	53.49	37.69	-36.47	54.71	74.00	19.29	269	190	Vertical
2	10580	51.83	39.22	-36.33	54.72	68.20	13.48	315	135	Vertical
3	15870	51.12	37.82	-33.79	55.15	74.00	18.85	299	239	Vertical



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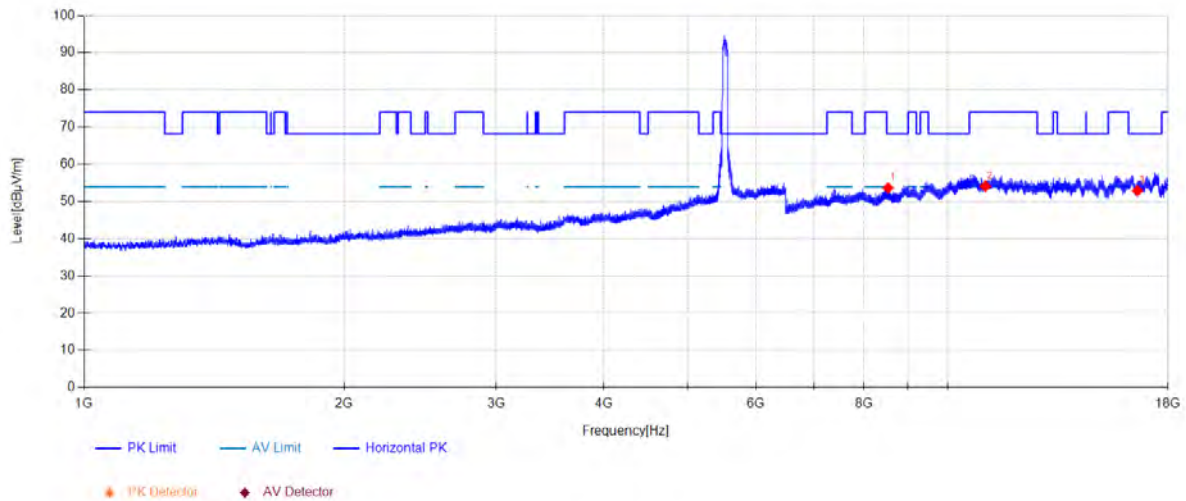
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802.11ac80_Channel 106



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	8533.2813	54.38	36.57	-37.33	53.62	68.20	14.58	175	255	Horizontal
2	11060	52.26	40.16	-38.30	54.12	74.00	19.88	169	121	Horizontal
3	16590	49.90	39.48	-36.46	52.92	68.20	15.28	198	358	Horizontal



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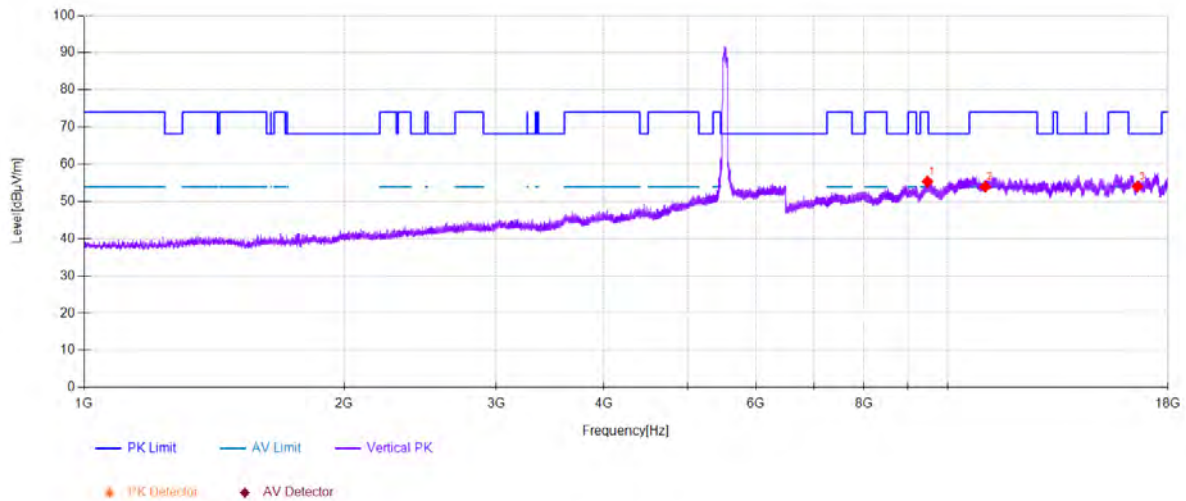
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802.11ac80_Channel 106



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9476.7791	54.13	37.66	-36.46	55.33	74.00	18.67	222	235	Vertical
2	11060	52.08	40.16	-38.30	53.94	74.00	20.06	213	340	Vertical
3	16590	51.00	39.48	-36.46	54.02	68.20	14.18	235	179	Vertical



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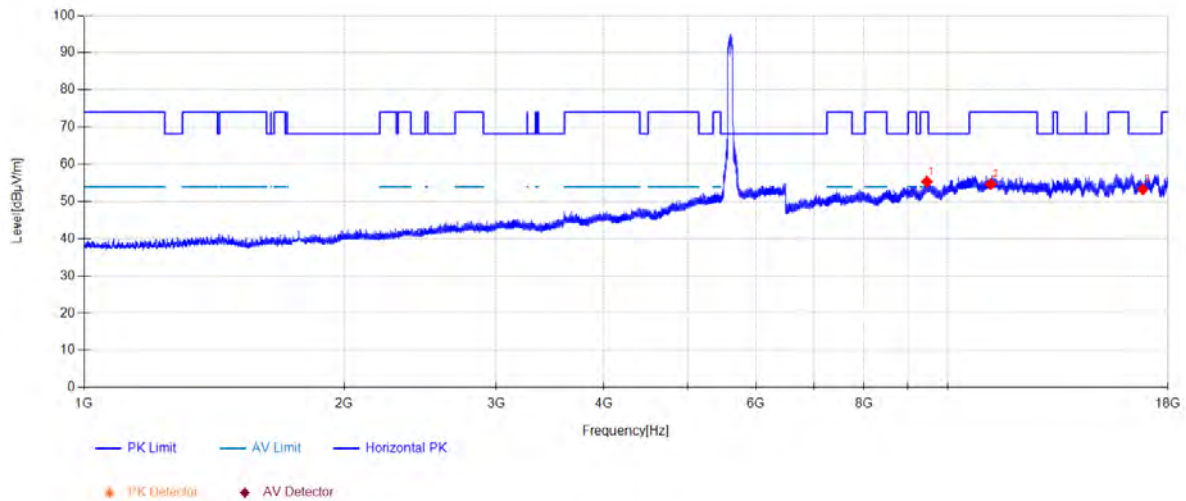
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802.11ac80_Channel 122



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	9462.5185	54.15	37.58	-36.42	55.31	74.00	18.69	199	191	Horizontal
2	11220	52.77	40.18	-38.32	54.63	74.00	19.37	163	268	Horizontal
3	16830	50.76	39.78	-37.29	53.25	68.20	14.95	174	314	Horizontal



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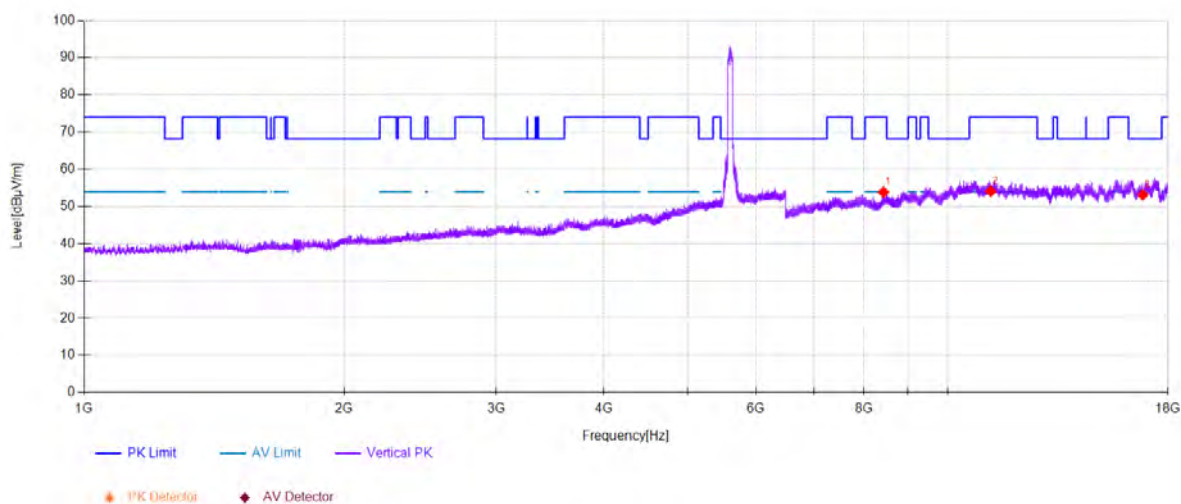
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802.11ac80_Channel 122



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	8429.3172	54.88	36.44	-37.48	53.84	74.00	20.16	288	105	Vertical
2	11220	52.22	40.18	-38.32	54.08	74.00	19.92	279	152	Vertical
3	16830	50.64	39.78	-37.29	53.13	68.20	15.07	283	67	Vertical

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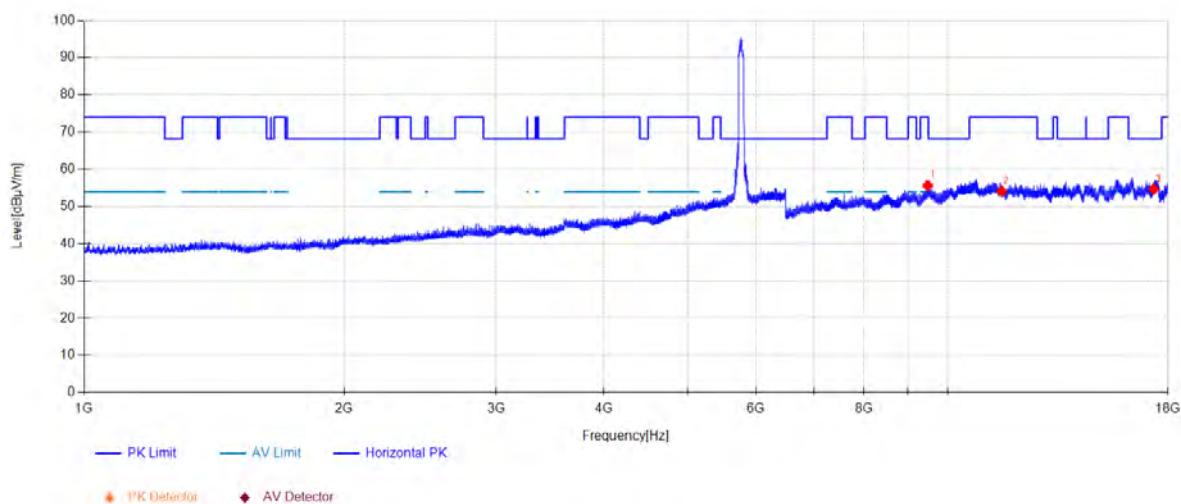
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802.11ac80_Channel 155



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9484.5994	54.39	37.71	-36.48	55.62	74.00	18.38	157	287	Horizontal
2	11550	52.03	40.25	-38.20	54.08	74.00	19.92	186	238	Horizontal
3	17325	49.75	43.60	-38.69	54.66	68.20	13.54	155	96	Horizontal



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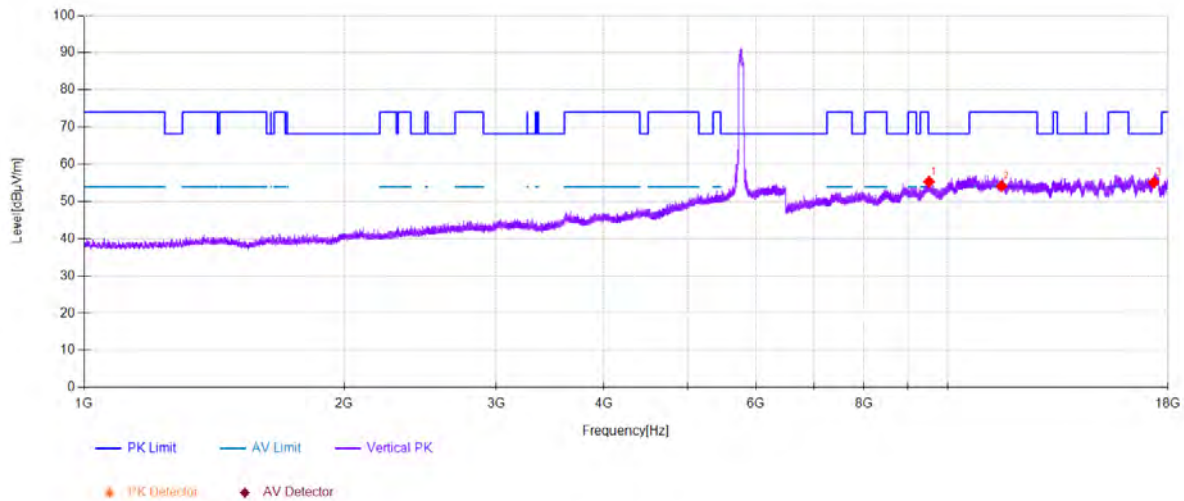
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	9518.6407	54.03	37.80	-36.53	55.30	68.20	12.90	202	334	Vertical
2	11550	52.07	40.25	-38.20	54.12	74.00	19.88	213	67	Vertical
3	17325	50.18	43.60	-38.69	55.09	68.20	13.11	226	229	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
Level = Reading(dBμV) + AF(dB/m) + Factor(dB):
AF = Antenna Factor(dB/m)
Factor = Cable Factor(dB) - Preamplifier gain(dB)
Margin = Limit(dBμV/m) – Level(dBμV/m)
- All channels have been tested, but only the worst case data displayed in this report.
- Both peak and average measured complies with the limit line, so test result is "PASS"



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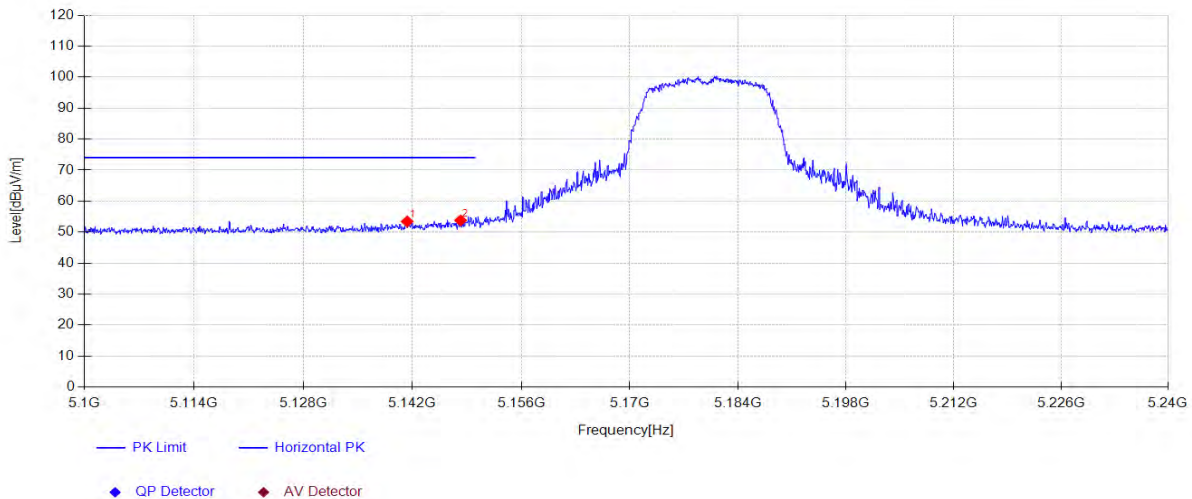
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Restricted bands around fundamental frequency

802.11a_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	5141.3207	39.39	31.75	-17.71	53.43	74.00	20.57	198	55	Horizontal
2	5148.1841	39.68	31.79	-17.69	53.78	74.00	20.22	198	55	Horizontal



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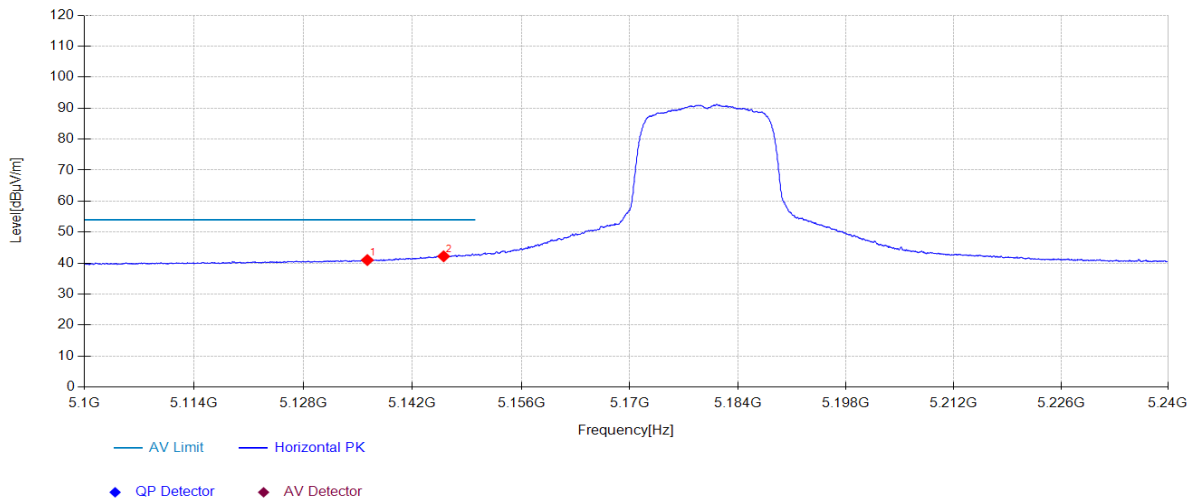
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5136.2081	27.00	31.72	-17.73	40.99	54.00	13.01	198	55	Horizontal
2	5146.013	28.12	31.78	-17.70	42.20	54.00	11.80	198	55	Horizontal



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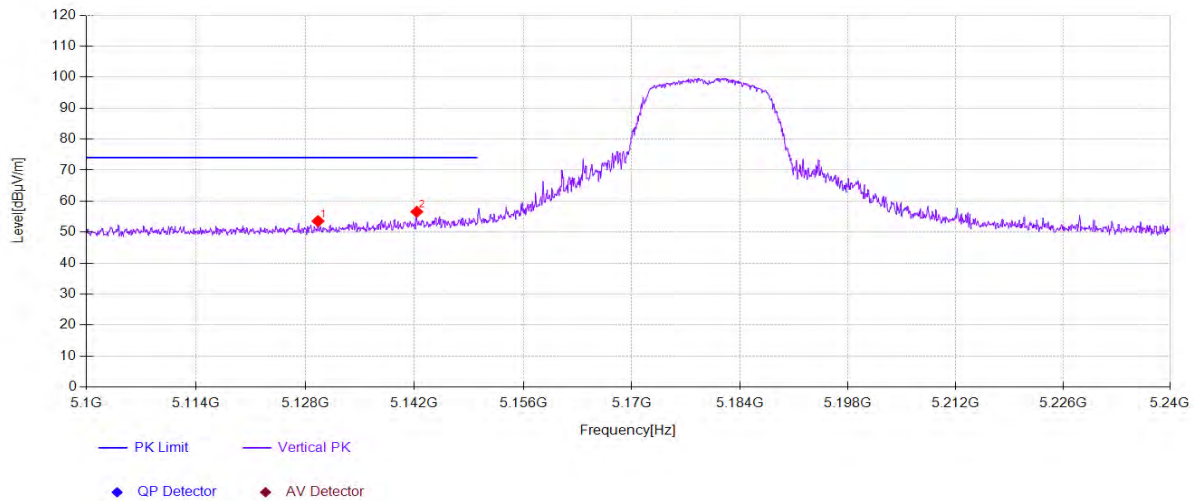
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802.11a_Channel 36



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5129.6248	39.62	31.68	-17.75	53.55	74.00	20.45	157	14	Vertical
2	5142.3012	42.52	31.75	-17.71	56.56	74.00	17.44	157	14	Vertical



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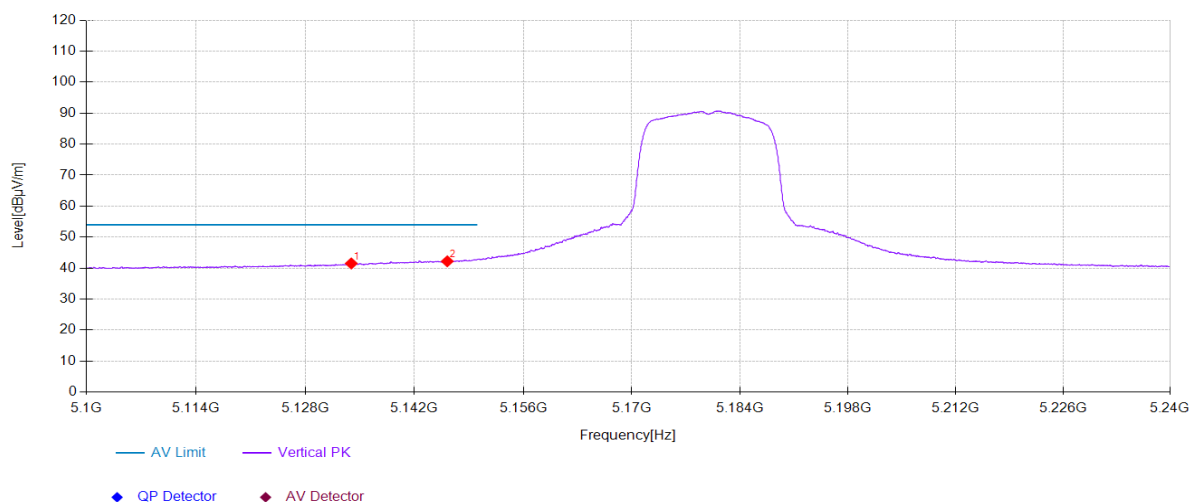
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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.8969	27.54	31.70	-17.73	41.51	54.00	12.49	157	14	Vertical
2	5146.2231	28.13	31.78	-17.70	42.21	54.00	11.79	157	14	Vertical



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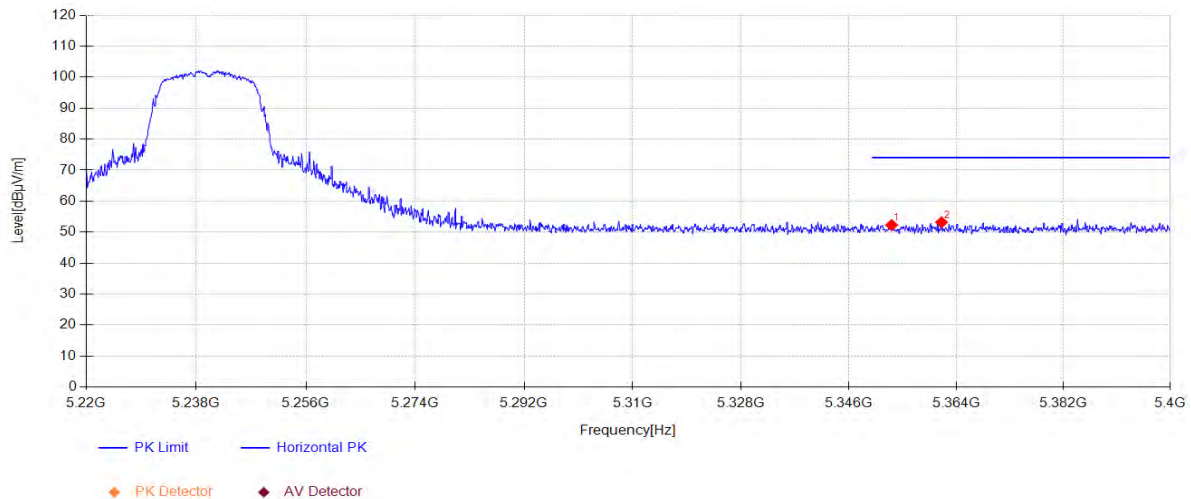
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802.11a_Channel 48



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	5353.1766	37.31	32.22	-17.25	52.28	74.00	21.72	152	62	Horizontal
2	5361.5508	38.20	32.27	-17.25	53.22	74.00	20.78	152	62	Horizontal



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