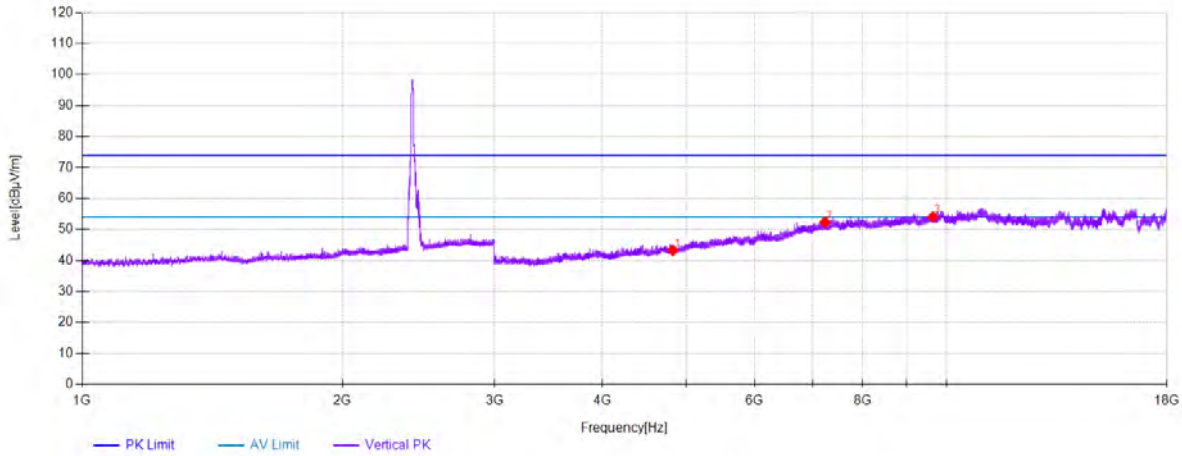




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802.11n20_Channel 1

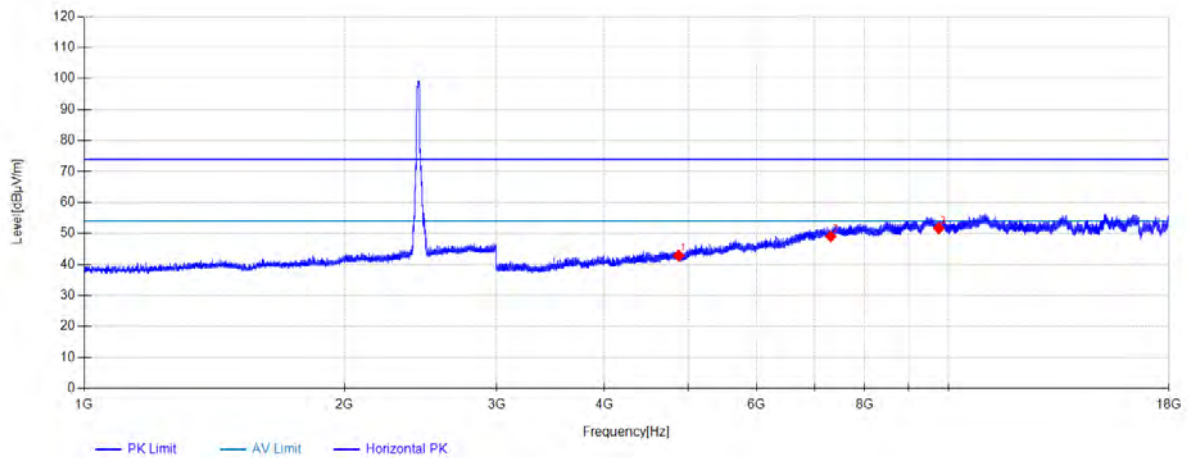


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	55.52	30.70	-42.93	43.29	74.00	30.71	396	272	Vertical
2	7236	54.78	36.38	-38.77	52.39	74.00	21.61	287	166	Vertical
3	9648	51.97	38.09	-35.97	54.09	74.00	19.91	159	3	Vertical



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802.11n20_Channel 6


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	4874	55.03	30.75	-42.90	42.88	74.00	31.12	159	119	Horizontal
2	7311	51.44	36.42	-38.81	49.05	74.00	24.95	263	215	Horizontal
3	9748	49.48	38.30	-36.04	51.74	74.00	22.26	162	311	Horizontal

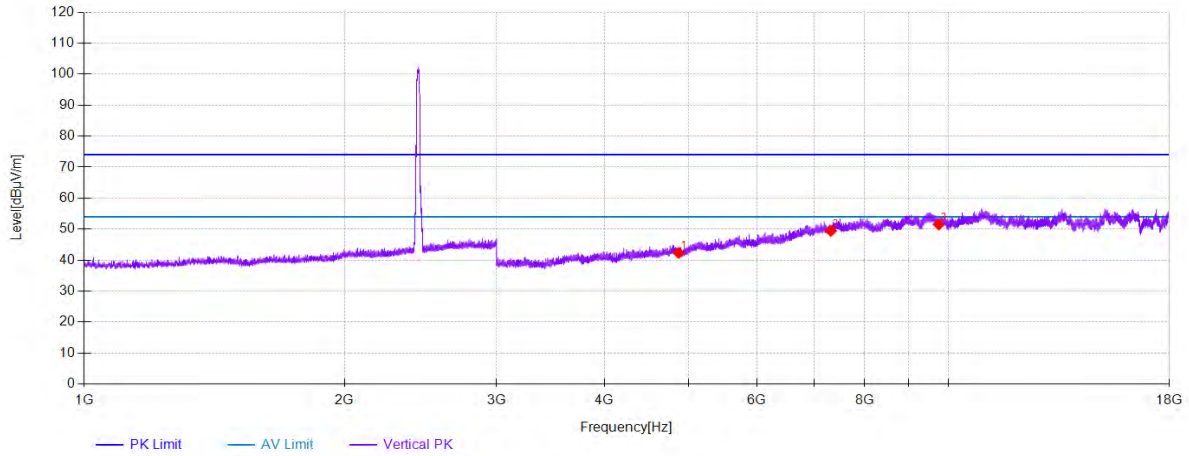


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802.11n20_Channel 6



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	4874	54.47	30.75	-42.90	42.32	74.00	31.68	222	321	Vertical
2	7311	51.79	36.42	-38.81	49.40	74.00	24.60	239	98	Vertical
3	9748	49.24	38.30	-36.04	51.50	74.00	22.50	194	223	Vertical



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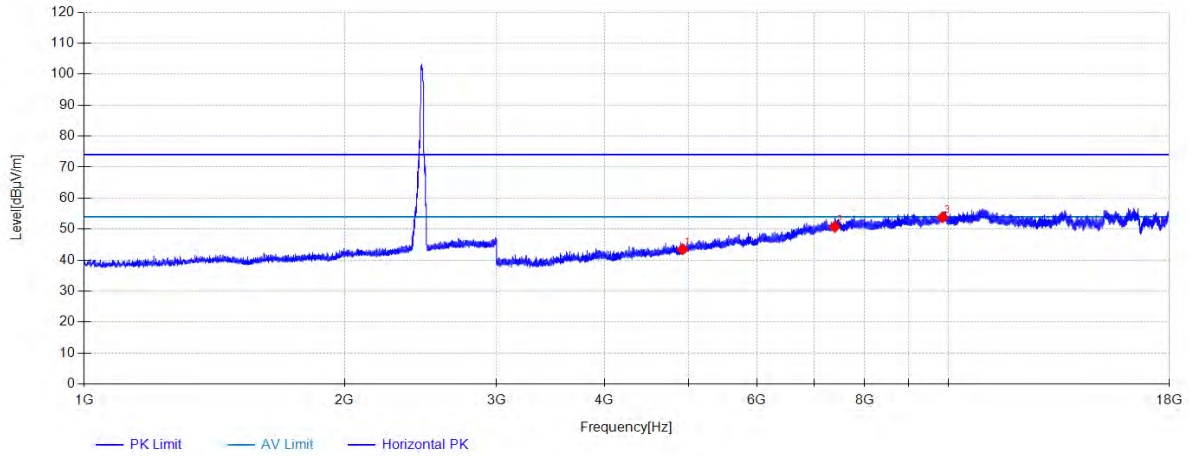
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802.11n20_Channel 11



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	4924	55.39	30.95	-42.84	43.50	74.00	30.50	167	229	Horizontal
2	7386	52.43	36.64	-38.36	50.71	74.00	23.29	198	152	Horizontal
3	9848	50.97	38.21	-35.36	53.82	74.00	20.18	173	122	Horizontal



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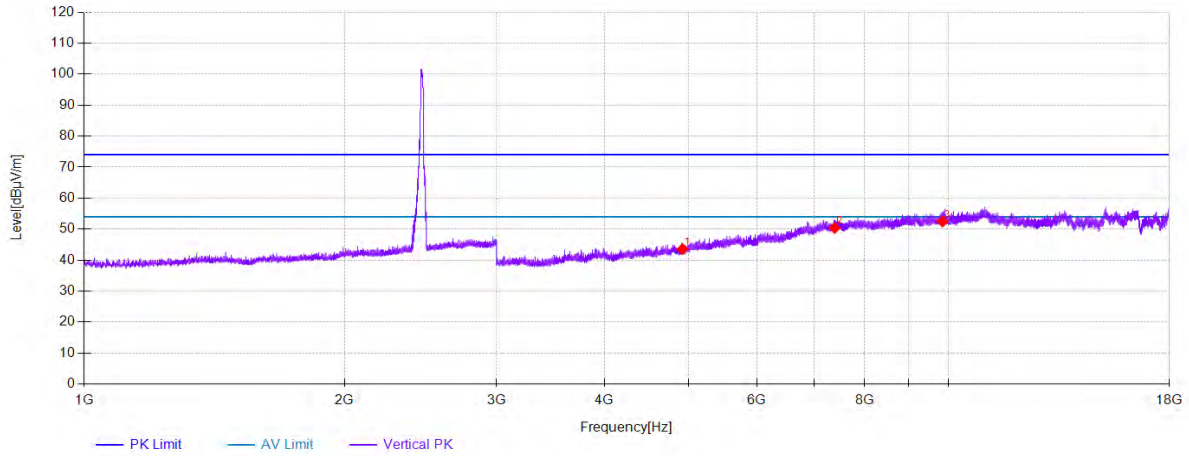
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802.11n20_Channel 11



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	4924	55.43	30.95	-42.84	43.54	74.00	30.46	341	194	Vertical
2	7386	52.09	36.64	-38.36	50.37	74.00	23.63	299	59	Vertical
3	9848	49.61	38.21	-35.36	52.46	74.00	21.54	359	300	Vertical



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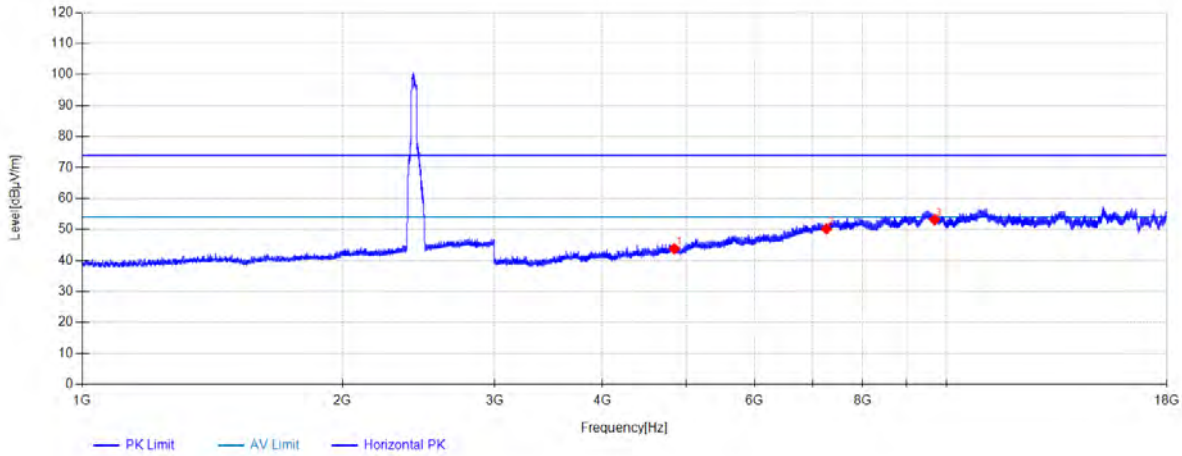
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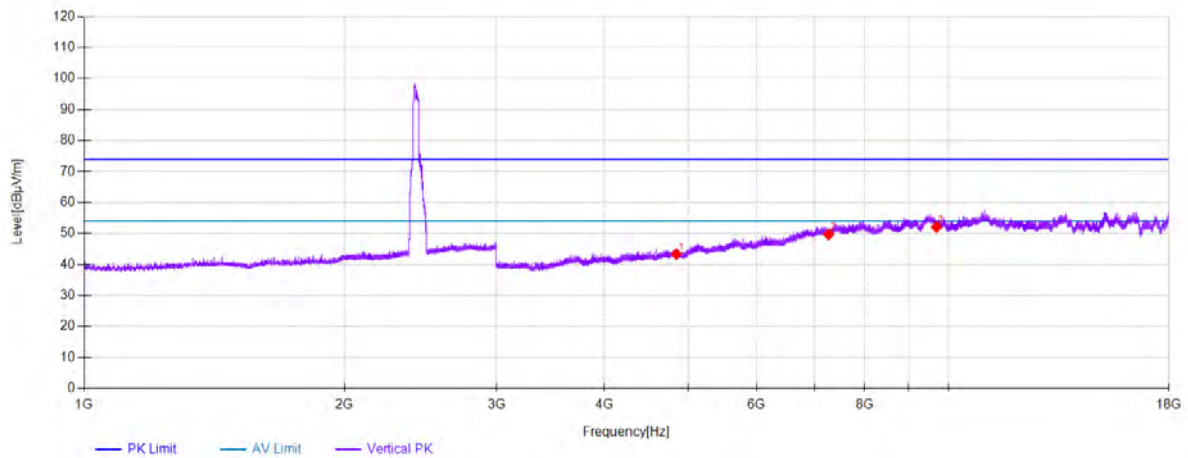
802.11n40_Channel 3



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	4844	56.12	30.62	-42.92	43.82	74.00	30.18	352	89	Horizontal
2	7266	52.69	36.33	-38.82	50.20	74.00	23.80	279	352	Horizontal
3	9688	51.29	38.18	-36.25	53.22	74.00	20.78	325	50	Horizontal

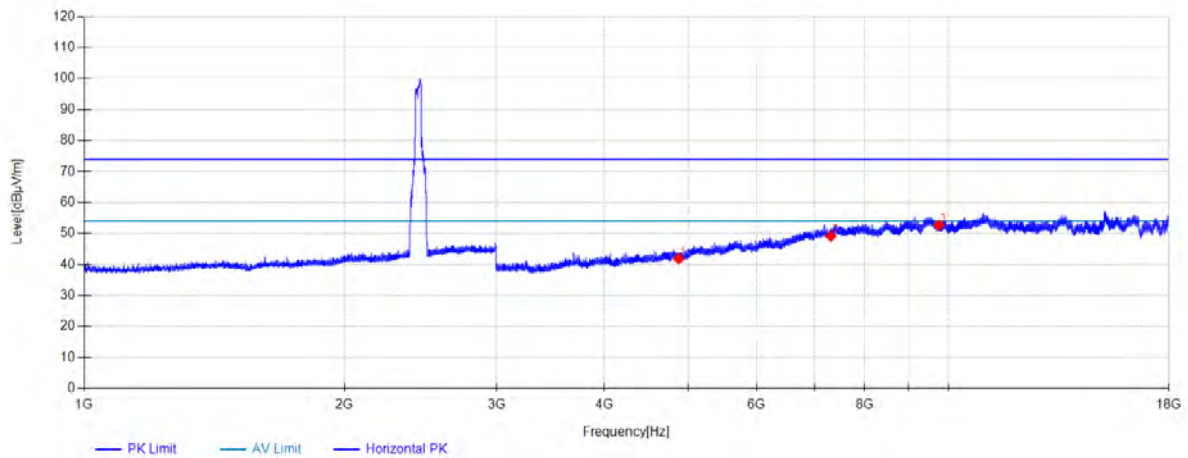


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802.11n40_Channel 3


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	4844	55.67	30.62	-42.92	43.37	74.00	30.63	358	148	Vertical
2	7266	52.15	36.33	-38.82	49.66	74.00	24.34	296	108	Vertical
3	9688	50.18	38.18	-36.25	52.11	74.00	21.89	183	40	Vertical




802.11n40_Channel 6


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	4874	54.03	30.75	-42.90	41.88	74.00	32.12	158	48	Horizontal
2	7311	51.55	36.42	-38.81	49.16	74.00	24.84	256	281	Horizontal
3	9748	50.44	38.30	-36.04	52.70	74.00	21.30	233	106	Horizontal


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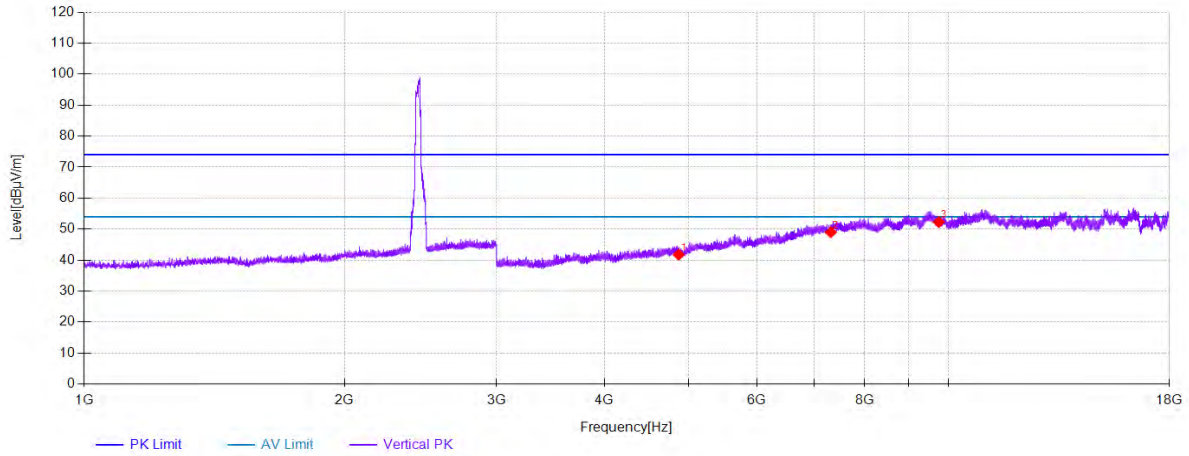
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802.11n40_Channel 6



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	4874	53.91	30.75	-42.90	41.76	74.00	32.24	175	239	Vertical
2	7311	51.38	36.42	-38.81	48.99	74.00	25.01	239	137	Vertical
3	9748	50.01	38.30	-36.04	52.27	74.00	21.73	187	340	Vertical



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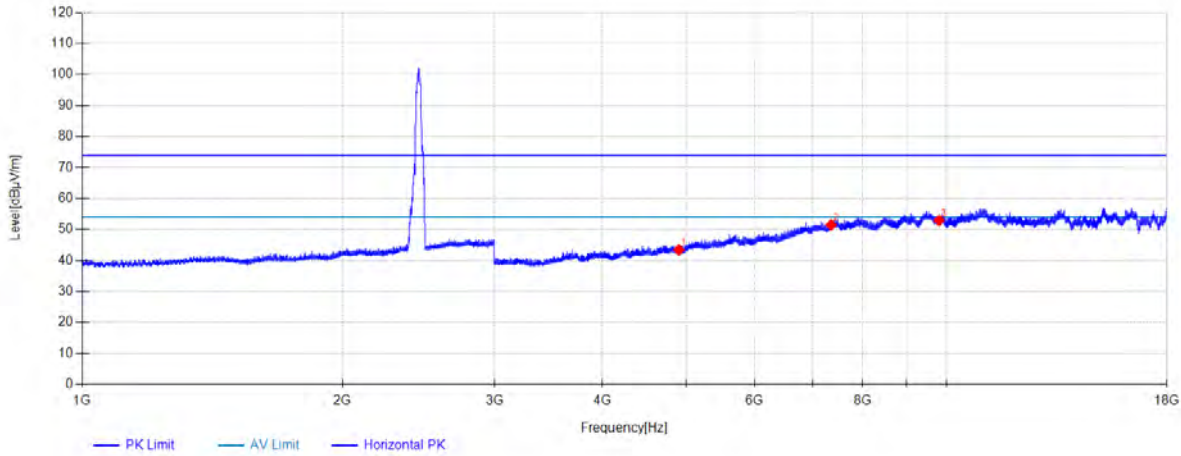
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802.11n40_Channel 9



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	4904	55.41	30.91	-42.87	43.45	74.00	30.55	358	262	Horizontal
2	7356	53.53	36.52	-38.54	51.51	74.00	22.49	247	156	Horizontal
3	9808	50.16	38.45	-35.66	52.95	74.00	21.05	226	301	Horizontal



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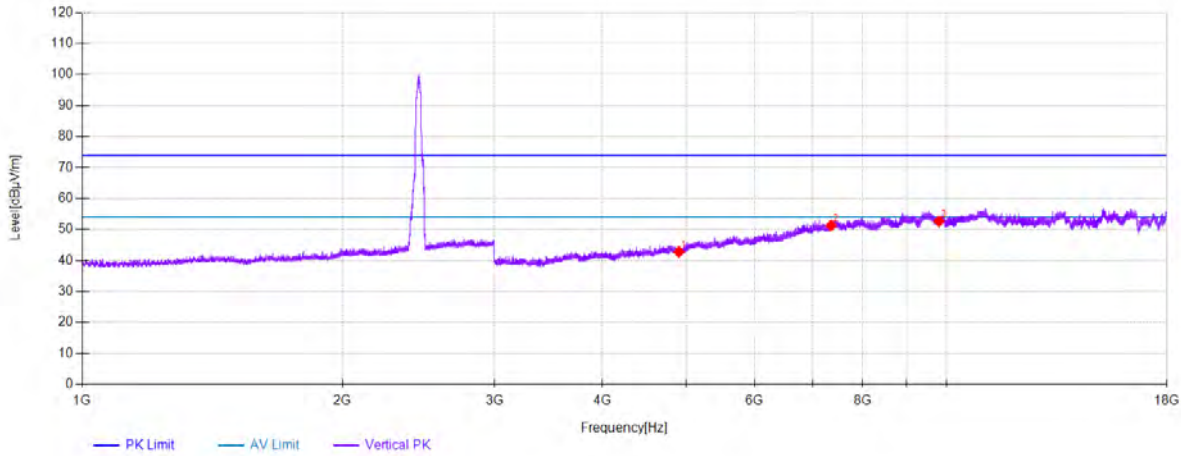
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802.11n40_Channel 9



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	4904	54.77	30.91	-42.87	42.81	74.00	31.19	175	88	Vertical
2	7356	53.33	36.52	-38.54	51.31	74.00	22.69	235	50	Vertical
3	9808	49.93	38.45	-35.66	52.72	74.00	21.28	357	10	Vertical



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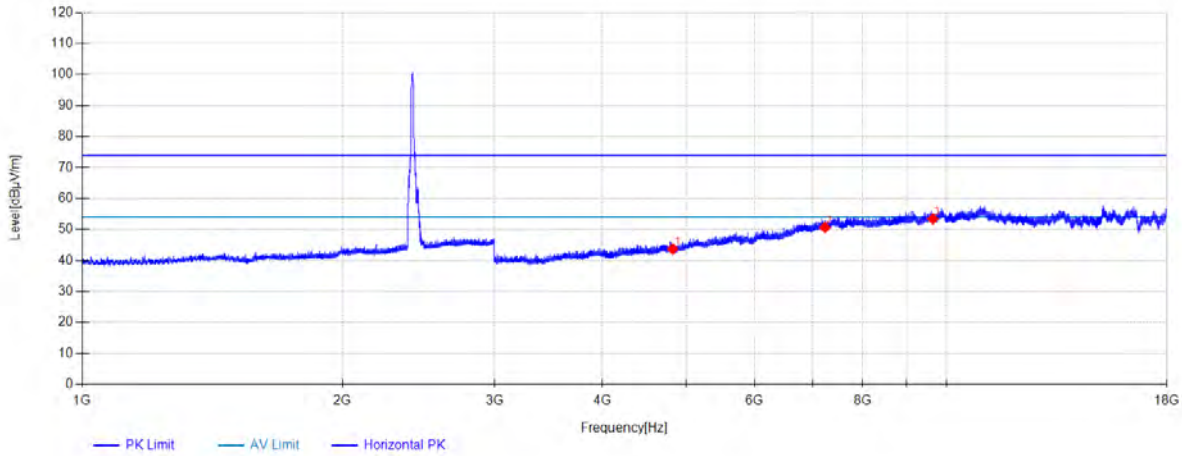
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802.11VHT20_Channel 1



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	4824	55.96	30.70	-42.93	43.73	74.00	30.27	215	11	Horizontal
2	7236	53.08	36.38	-38.77	50.69	74.00	23.31	268	21	Horizontal
3	9648	51.34	38.09	-35.97	53.46	74.00	20.54	279	176	Horizontal

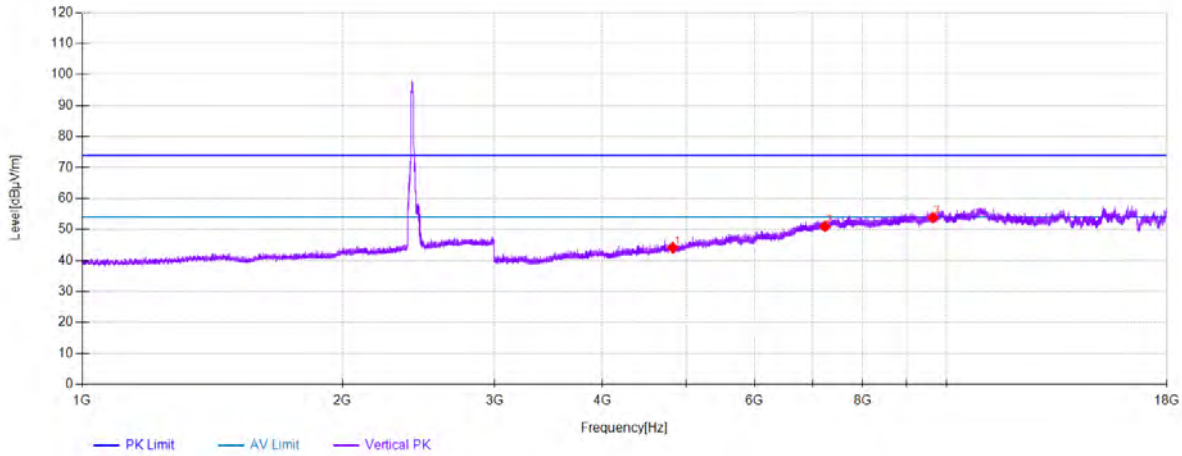


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802.11VHT20_Channel 1

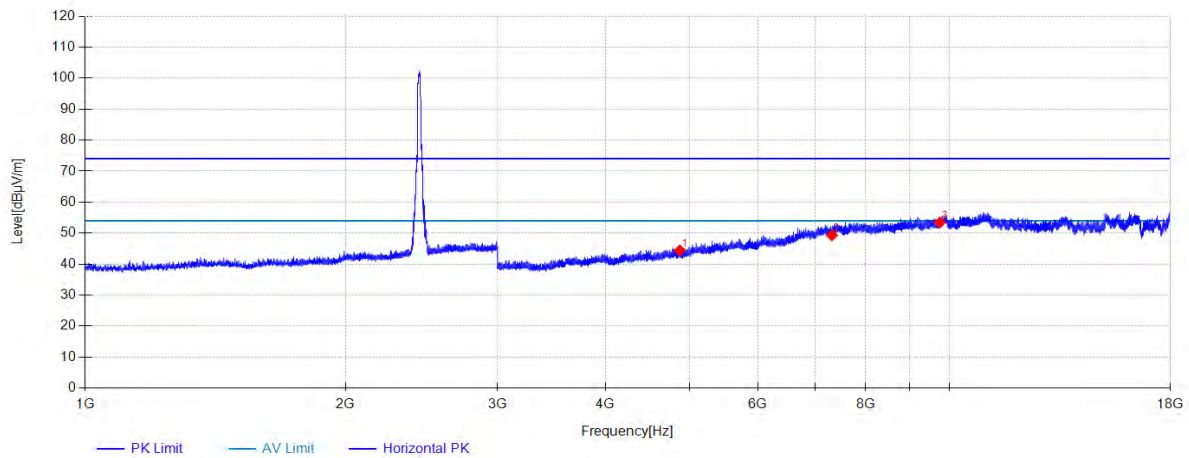


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	56.39	30.70	-42.93	44.16	74.00	29.84	352	174	Vertical
2	7236	53.35	36.38	-38.77	50.96	74.00	23.04	249	97	Vertical
3	9648	51.71	38.09	-35.97	53.83	74.00	20.17	179	68	Vertical



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802.11VHT20_Channel 6


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	4874	56.55	30.75	-42.90	44.40	74.00	29.60	257	242	Horizontal
2	7311	51.69	36.42	-38.81	49.30	74.00	24.70	352	166	Horizontal
3	9748	51.17	38.30	-36.04	53.43	74.00	20.57	265	262	Horizontal



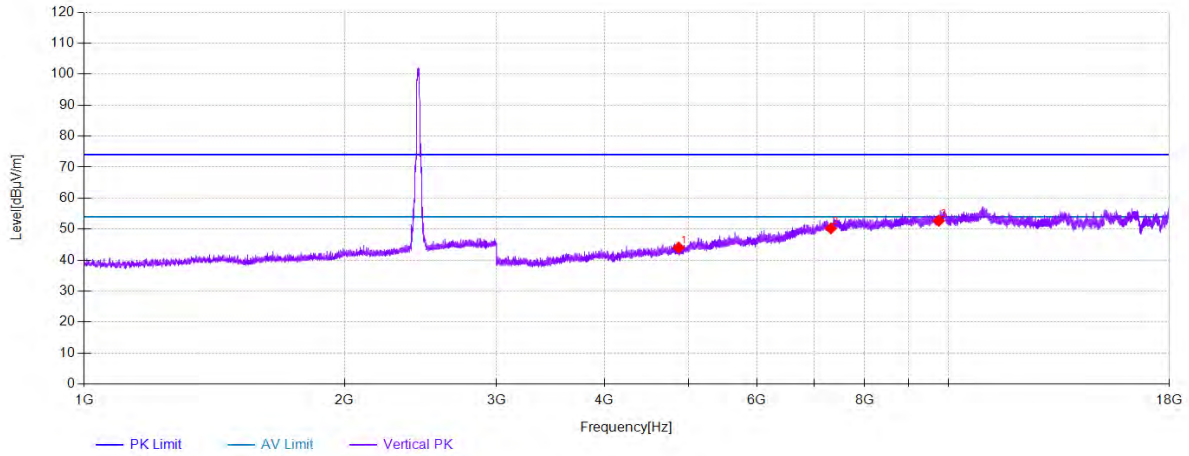
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802.11VHT20_Channel 6



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	4874	56.20	30.75	-42.90	44.05	74.00	29.95	357	10	Vertical
2	7311	52.60	36.42	-38.81	50.21	74.00	23.79	268	283	Vertical
3	9748	50.44	38.30	-36.04	52.70	74.00	21.30	359	244	Vertical

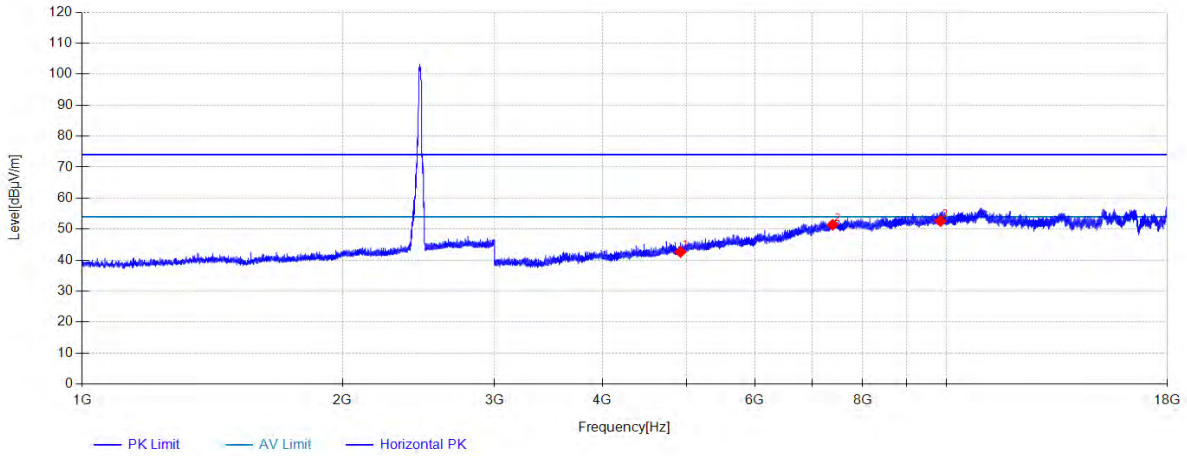


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802.11VHT20_Channel 11



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	4924	54.54	30.95	-42.84	42.65	74.00	31.35	357	243	Horizontal
2	7386	53.13	36.64	-38.36	51.41	74.00	22.59	395	117	Horizontal
3	9848	49.74	38.21	-35.36	52.59	74.00	21.41	265	69	Horizontal



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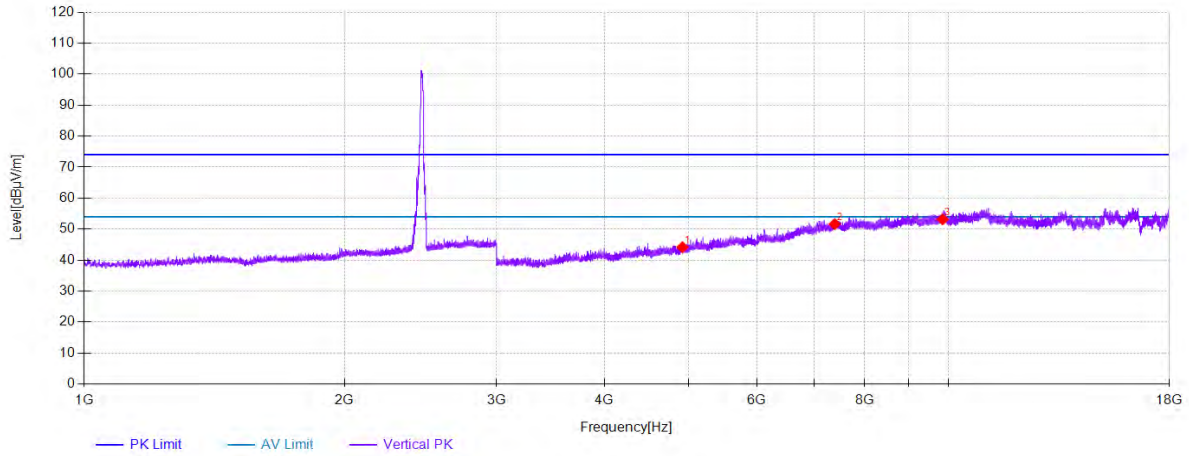
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802.11VHT20_Channel 11

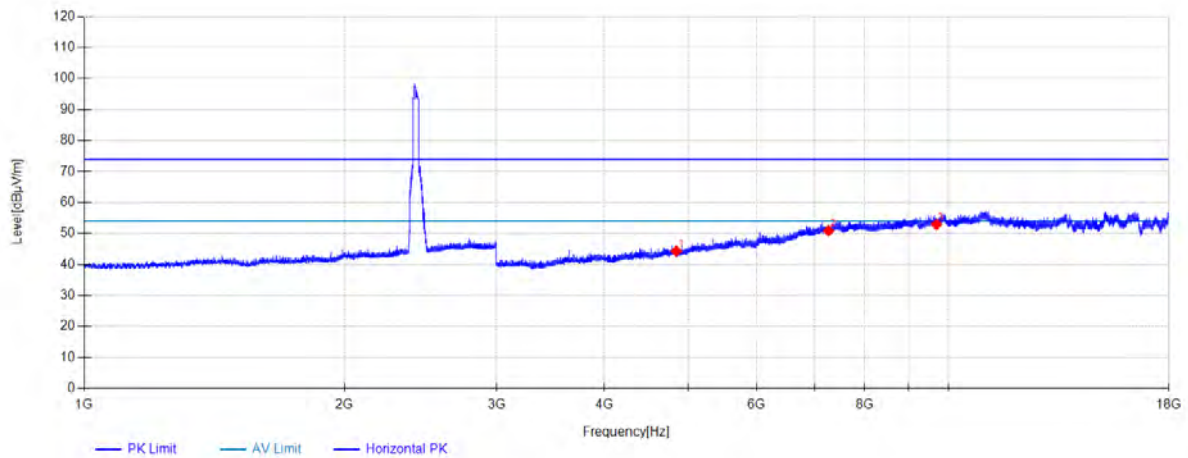


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	56.05	30.95	-42.84	44.16	74.00	29.84	257	332	Vertical
2	7386	53.34	36.64	-38.36	51.62	74.00	22.38	359	117	Vertical
3	9848	50.29	38.21	-35.36	53.14	74.00	20.86	352	274	Vertical



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802.11VHT40_Channel 3


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	4844	56.66	30.62	-42.92	44.36	74.00	29.64	302	233	Horizontal
2	7266	53.41	36.33	-38.82	50.92	74.00	23.08	204	253	Horizontal
3	9688	51.02	38.18	-36.25	52.95	74.00	21.05	302	1	Horizontal


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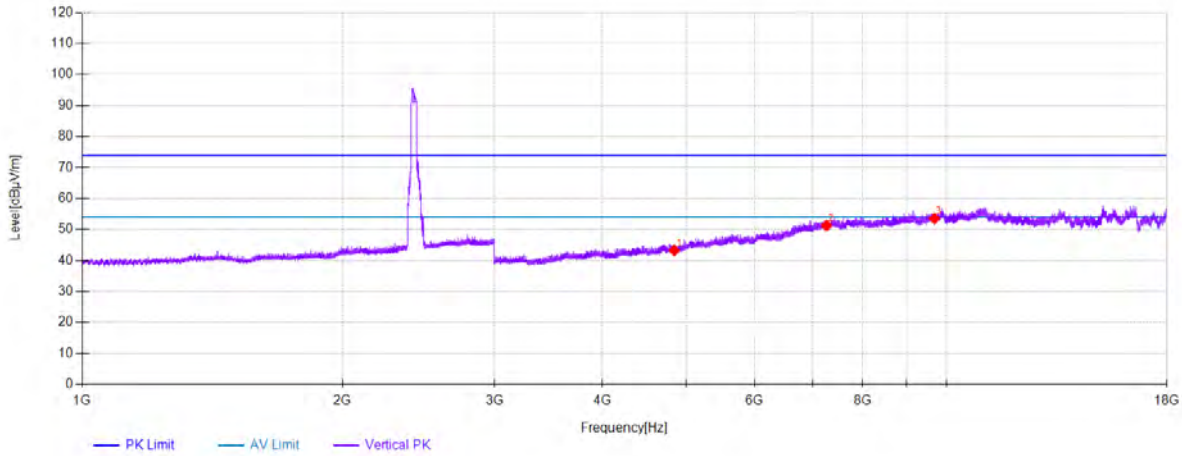
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802.11VHT40_Channel 3



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	4844	55.58	30.62	-42.92	43.28	74.00	30.72	325	70	Vertical
2	7266	53.79	36.33	-38.82	51.30	74.00	22.70	247	108	Vertical
3	9688	51.64	38.18	-36.25	53.57	74.00	20.43	335	22	Vertical



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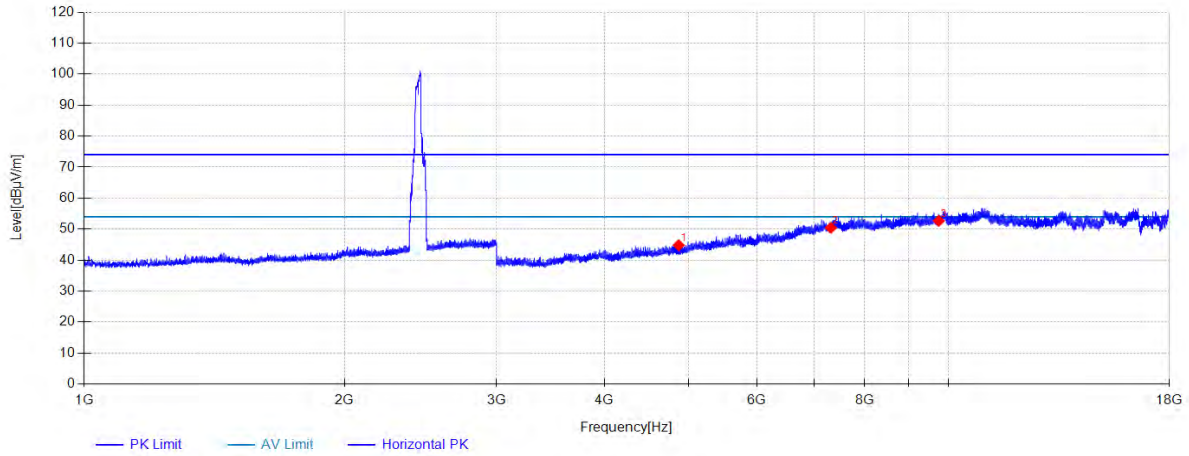
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802.11VHT40_Channel 6



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	4874	56.96	30.75	-42.90	44.81	74.00	29.19	222	243	Horizontal
2	7311	52.81	36.42	-38.81	50.42	74.00	23.58	165	98	Horizontal
3	9748	50.41	38.30	-36.04	52.67	74.00	21.33	314	311	Horizontal



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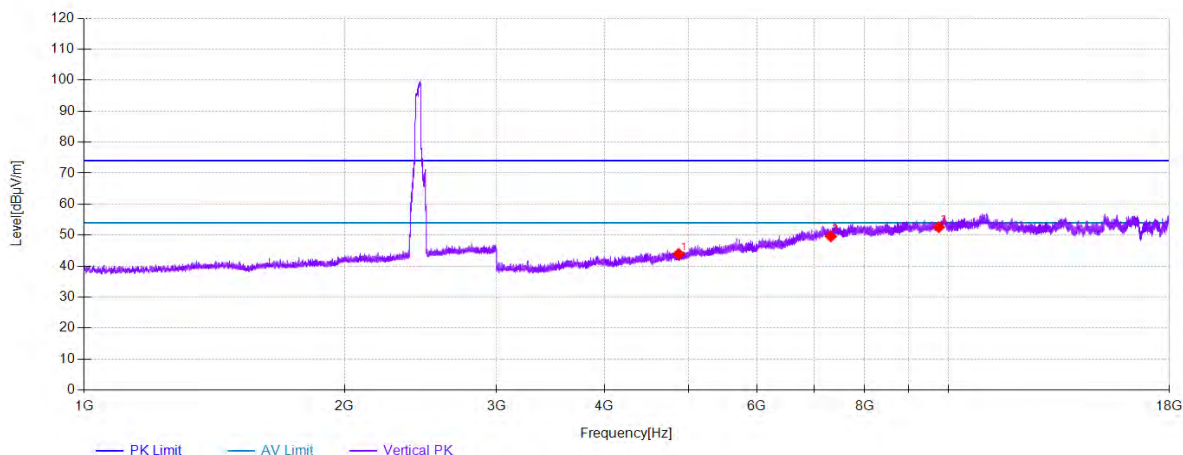
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802.11VHT40_Channel 6



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	4874	56.07	30.75	-42.90	43.92	74.00	30.08	257	30	Vertical
2	7311	51.98	36.42	-38.81	49.59	74.00	24.41	329	79	Vertical
3	9748	50.30	38.30	-36.04	52.56	74.00	21.44	359	20	Vertical



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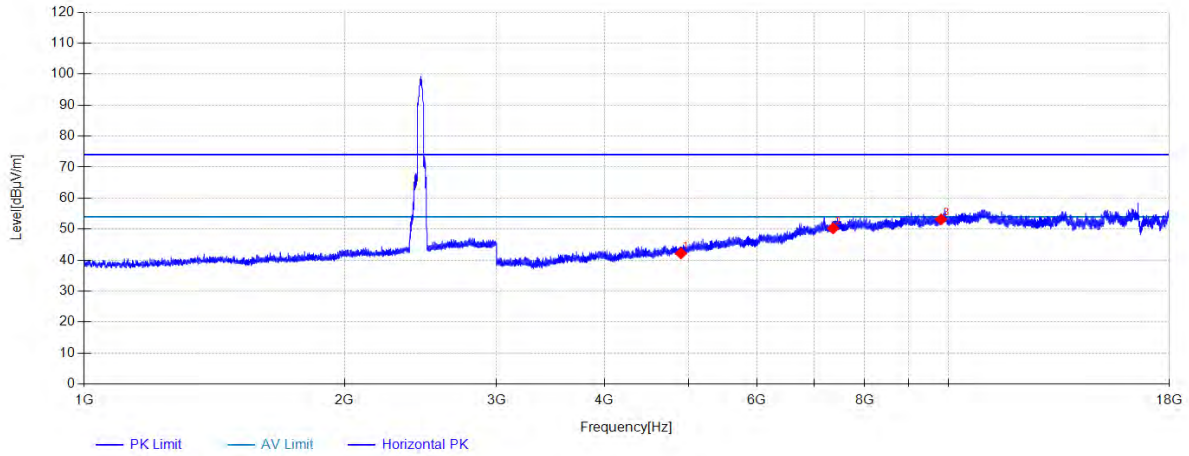
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802.11VHT40_Channel 9

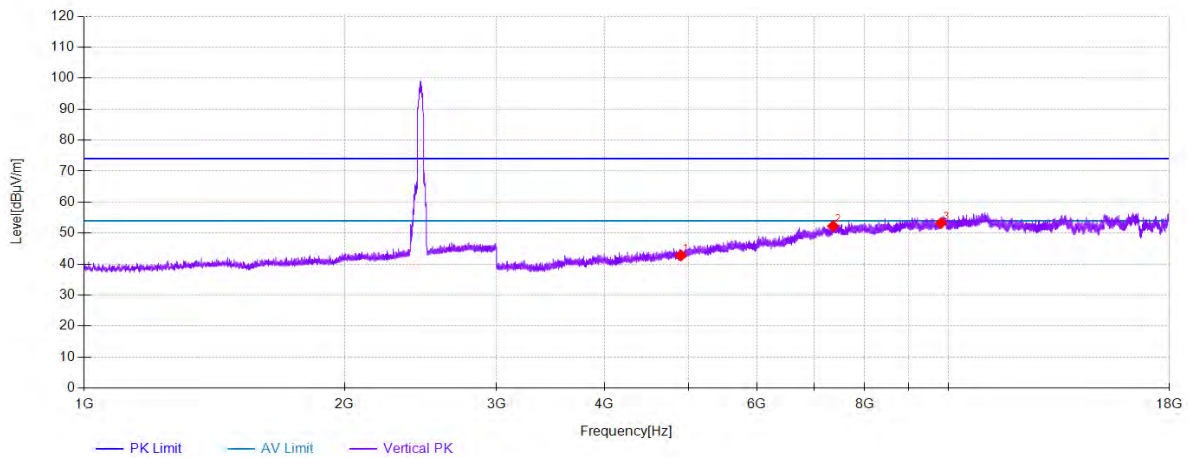


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4904	54.14	30.91	-42.87	42.18	74.00	31.82	187	274	Horizontal
2	7356	52.27	36.52	-38.54	50.25	74.00	23.75	205	284	Horizontal
3	9808	50.35	38.45	-35.66	53.14	74.00	20.86	247	50	Horizontal



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802.11VHT40_Channel 9


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	4904	54.75	30.91	-42.87	42.79	74.00	31.21	335	272	Vertical
2	7356	54.30	36.52	-38.54	52.28	74.00	21.72	287	70	Vertical
3	9808	50.47	38.45	-35.66	53.26	74.00	20.74	359	321	Vertical

Remark:

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

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

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

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

$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V}/\text{m}) - \text{Level}(\text{dB}\mu\text{V}/\text{m})$$
- 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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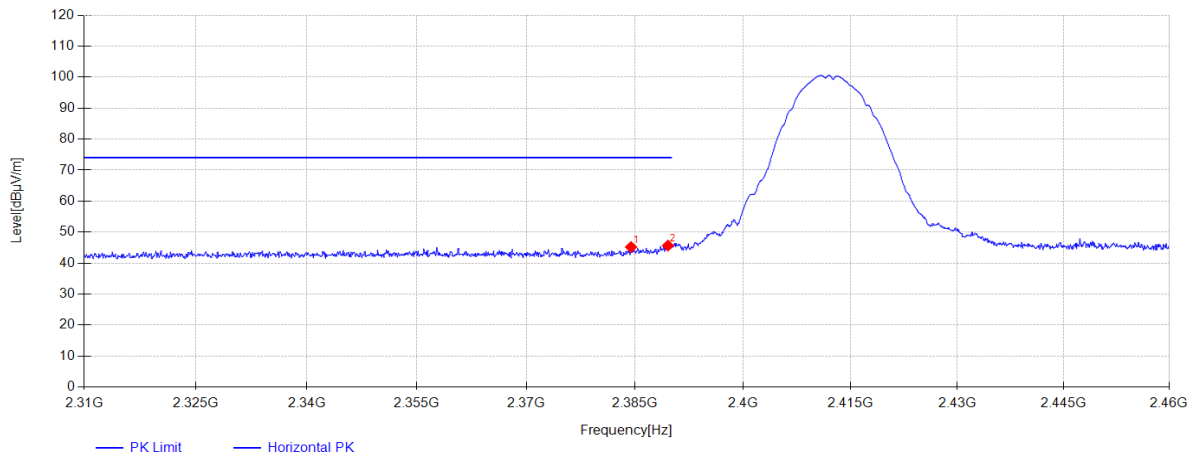
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Restricted bands around fundamental frequency

802.11b_Channel 1



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	2384.4372	40.75	27.46	-23.02	45.19	74.00	28.81	165	175	Horizontal
2	2389.5398	41.24	27.44	-23.02	45.66	74.00	28.34	165	175	Horizontal



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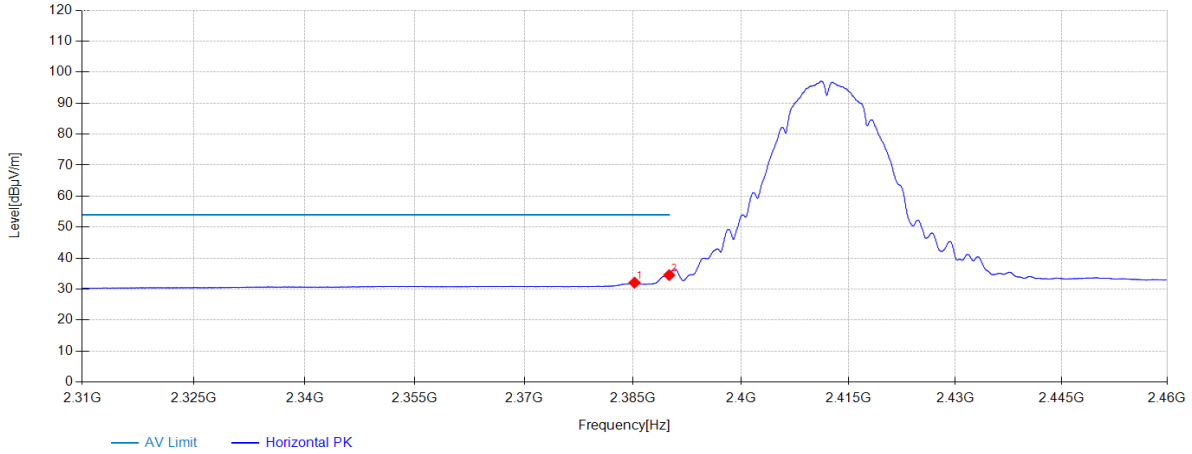
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802.11b_Channel 1



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	2385.1876	27.63	27.46	-23.02	32.07	54.00	21.93	165	175	Horizontal
2	2389.99	30.10	27.44	-23.02	34.52	54.00	19.48	165	175	Horizontal



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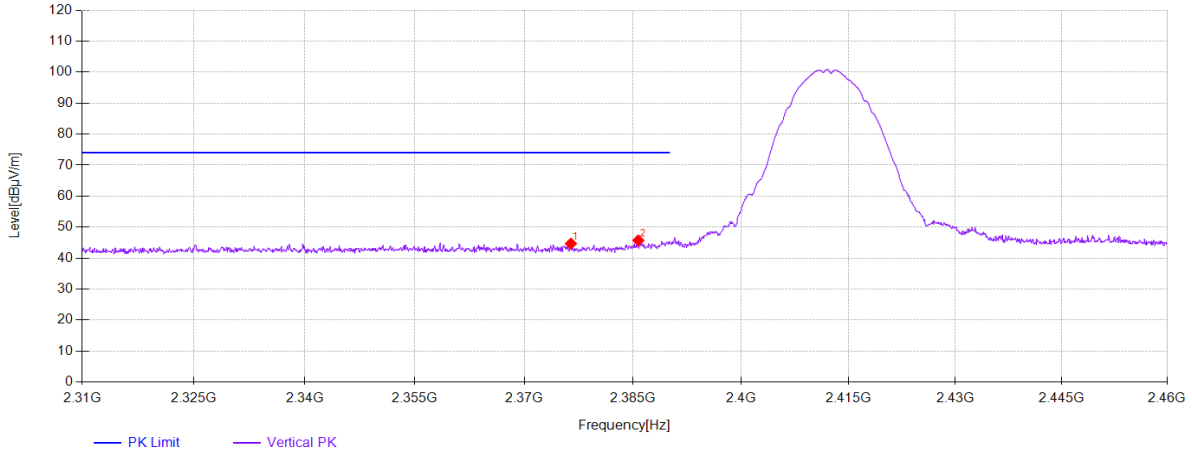
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802.11b_Channel 1



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	2376.4082	40.25	27.49	-23.04	44.70	74.00	29.30	204	106	Vertical
2	2385.7129	41.29	27.46	-23.02	45.73	74.00	28.27	204	106	Vertical



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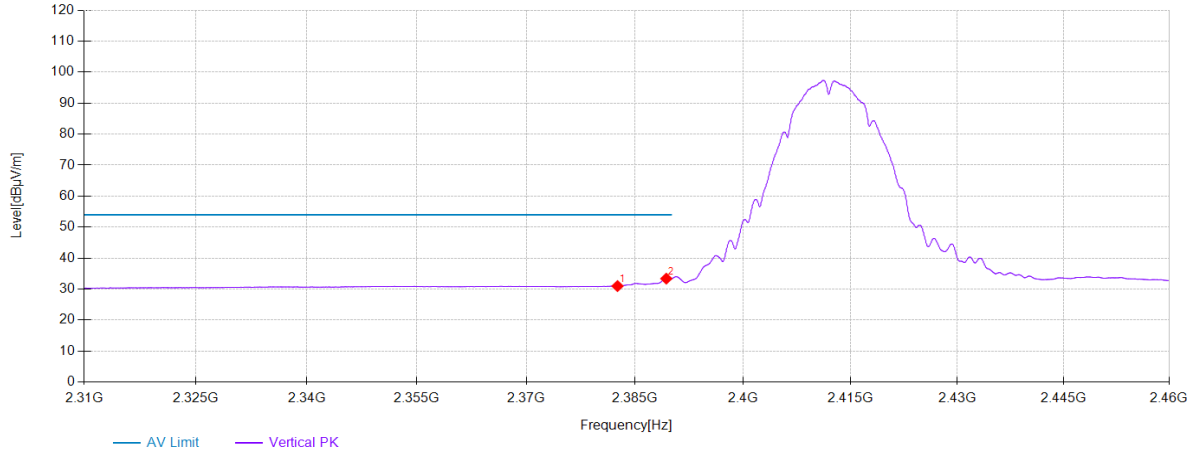
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2382.5613	26.55	27.47	-23.03	30.99	54.00	23.01	204	106	Vertical
2	2389.3147	28.96	27.44	-23.02	33.38	54.00	20.62	204	106	Vertical



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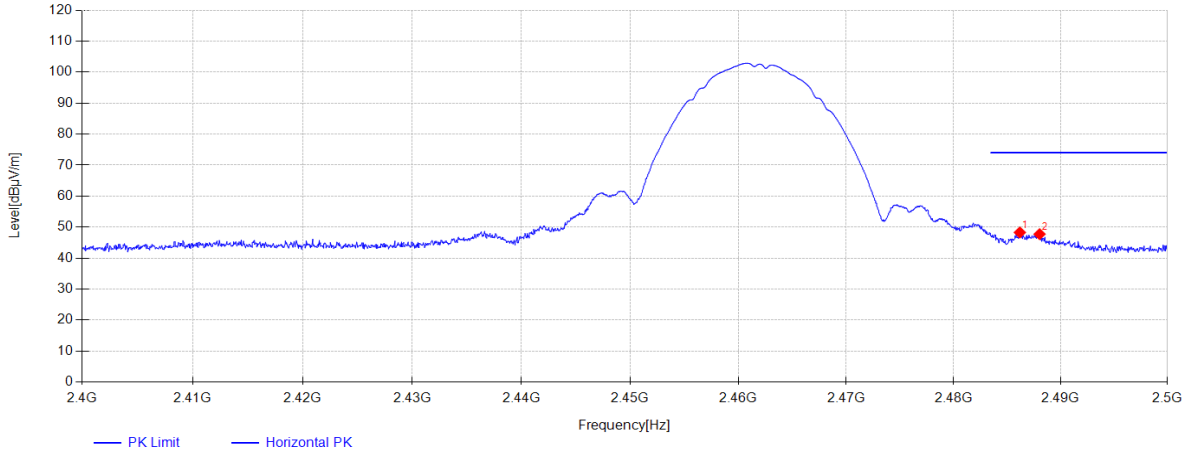
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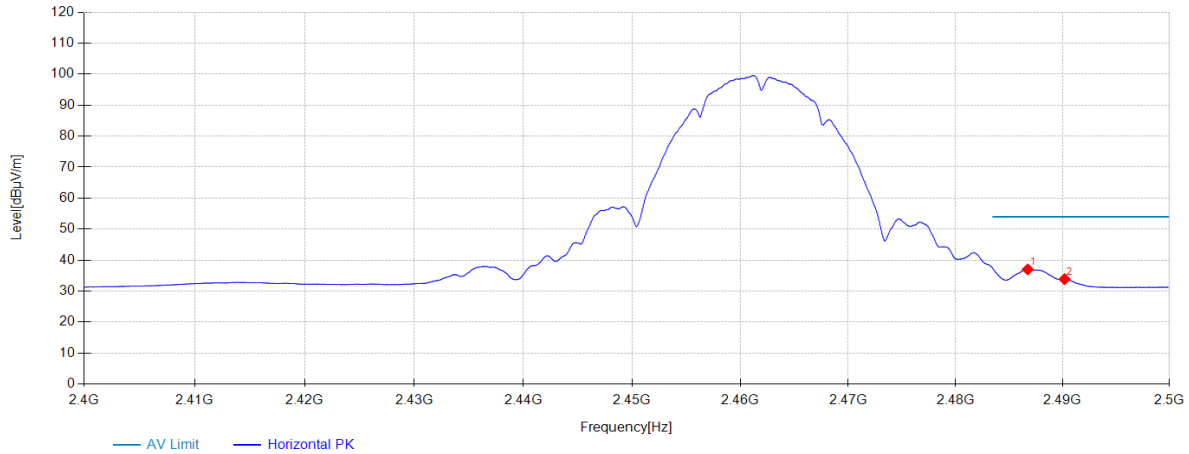


Data List										
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1	2486.1931	43.66	27.74	-23.12	48.28	74.00	25.72	350	189	Horizontal
2	2488.044	43.11	27.75	-23.12	47.74	74.00	26.26	350	189	Horizontal



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802.11b_Channel 11


Data List										
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1	2486.7434	32.37	27.75	-23.12	37.00	54.00	17.00	350	189	Horizontal
2	2490.1951	29.23	27.76	-23.13	33.86	54.00	20.14	350	189	Horizontal

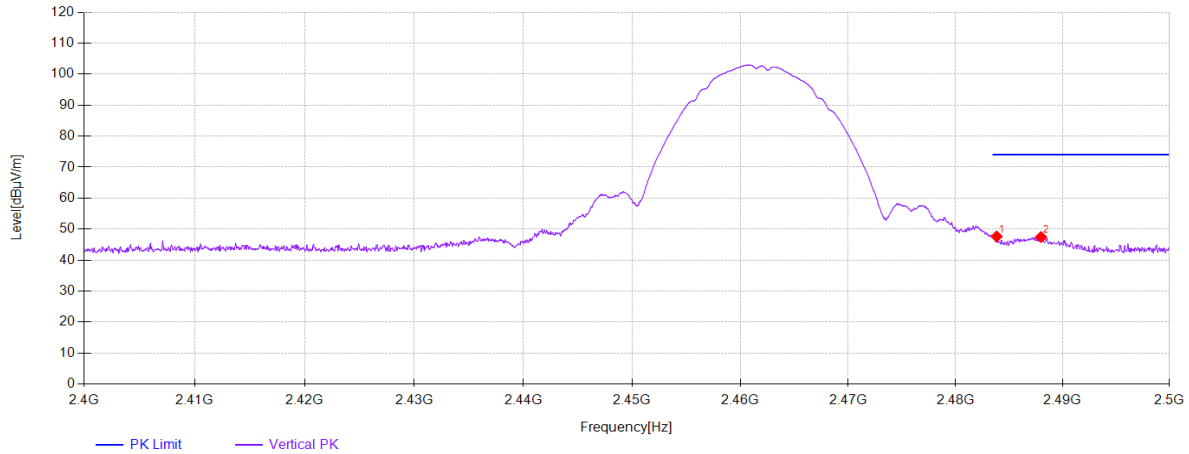


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Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.8419	43.02	27.74	-23.12	47.64	74.00	26.36	393	157	Vertical
2	2487.994	42.82	27.75	-23.12	47.45	74.00	26.55	393	157	Vertical

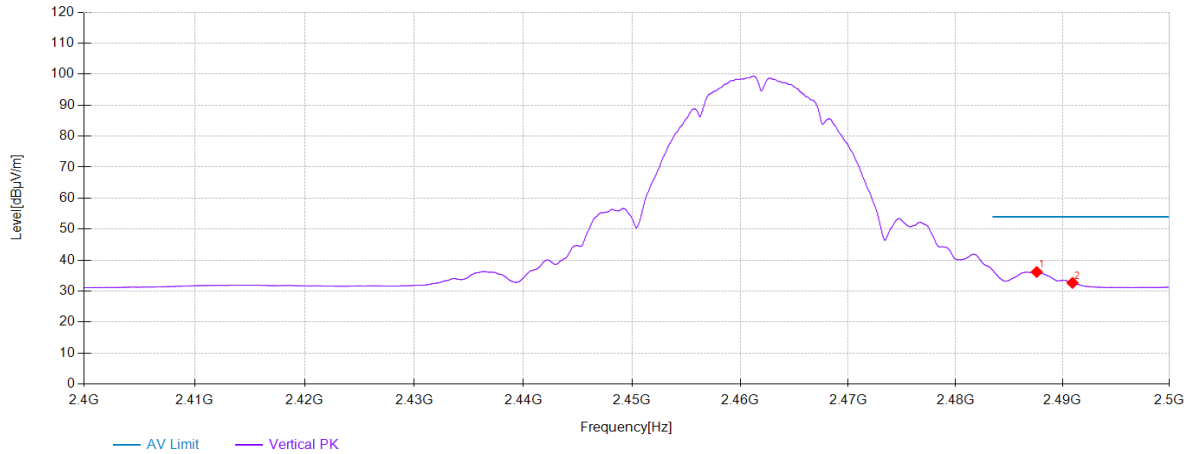


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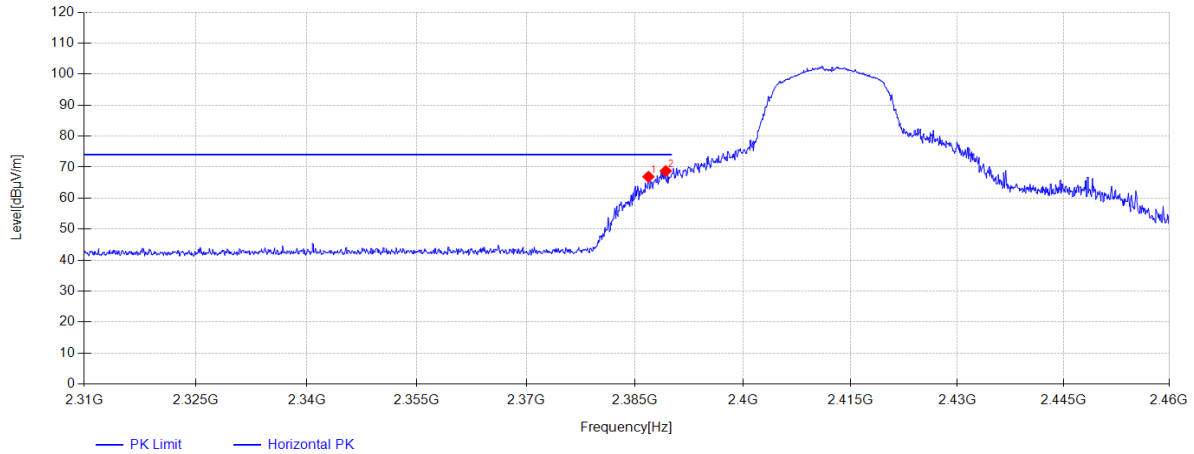
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NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2487.5938	31.54	27.75	-23.12	36.17	54.00	17.83	393	157	Vertical
2	2490.9455	28.04	27.76	-23.13	32.67	54.00	21.33	393	157	Vertical


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802.11g_Channel 1


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	2386.8384	62.47	27.45	-23.02	66.90	74.00	7.10	358	203	Horizontal
2	2389.2396	64.33	27.44	-23.02	68.75	74.00	5.25	358	203	Horizontal


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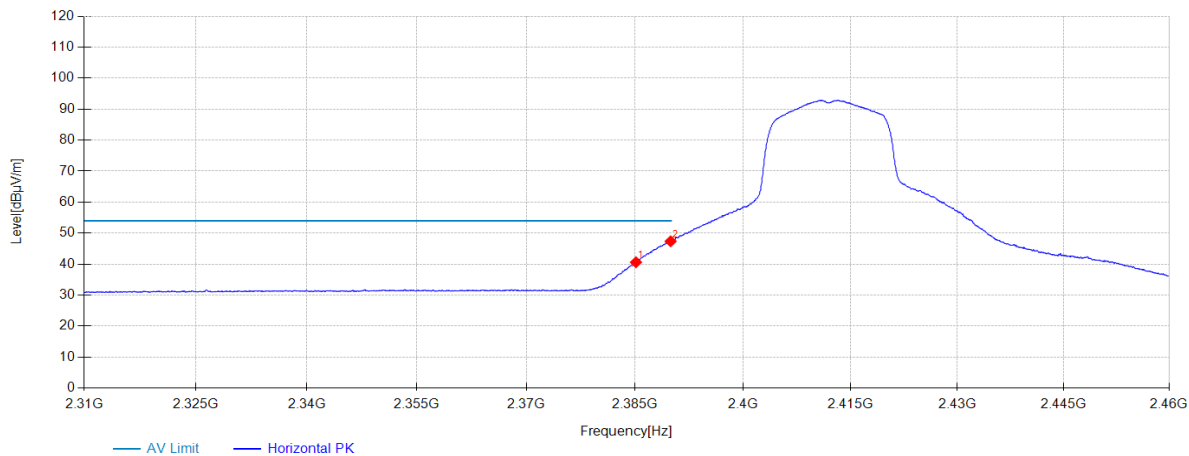
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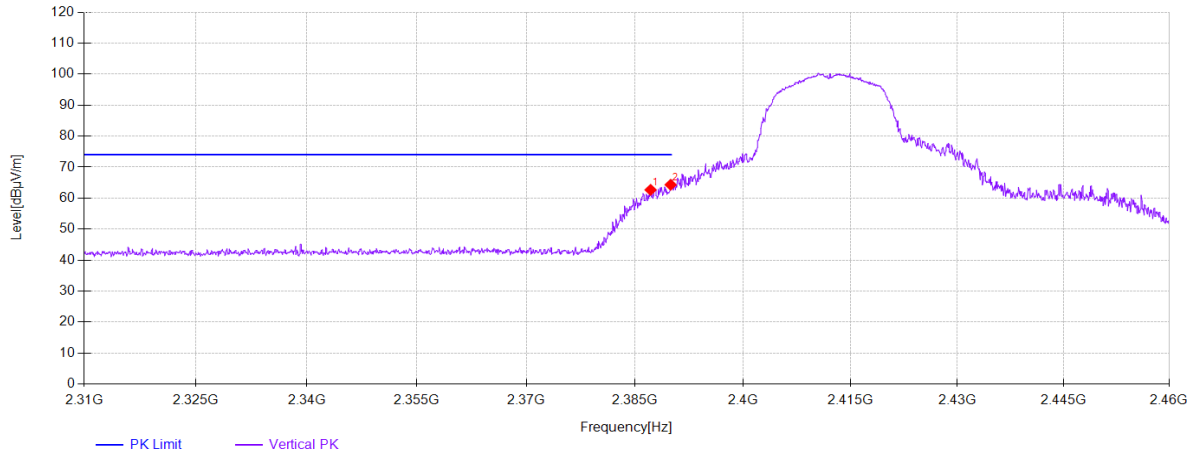


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.1126	36.16	27.46	-23.02	40.60	54.00	13.40	358	203	Horizontal
2	2389.915	42.95	27.44	-23.02	47.37	54.00	6.63	358	203	Horizontal



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802.11g_Channel 1


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	2387.1386	58.24	27.45	-23.02	62.67	74.00	11.33	388	178	Vertical
2	2389.915	59.89	27.44	-23.02	64.31	74.00	9.69	388	178	Vertical


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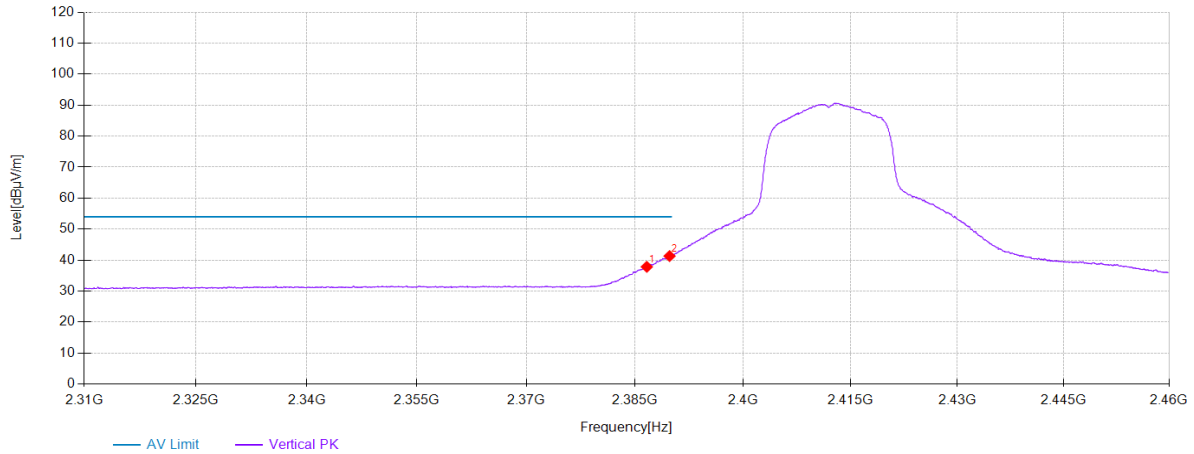
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.6133	33.41	27.45	-23.02	37.84	54.00	16.16	388	178	Vertical
2	2389.7649	36.89	27.44	-23.02	41.31	54.00	12.69	388	178	Vertical



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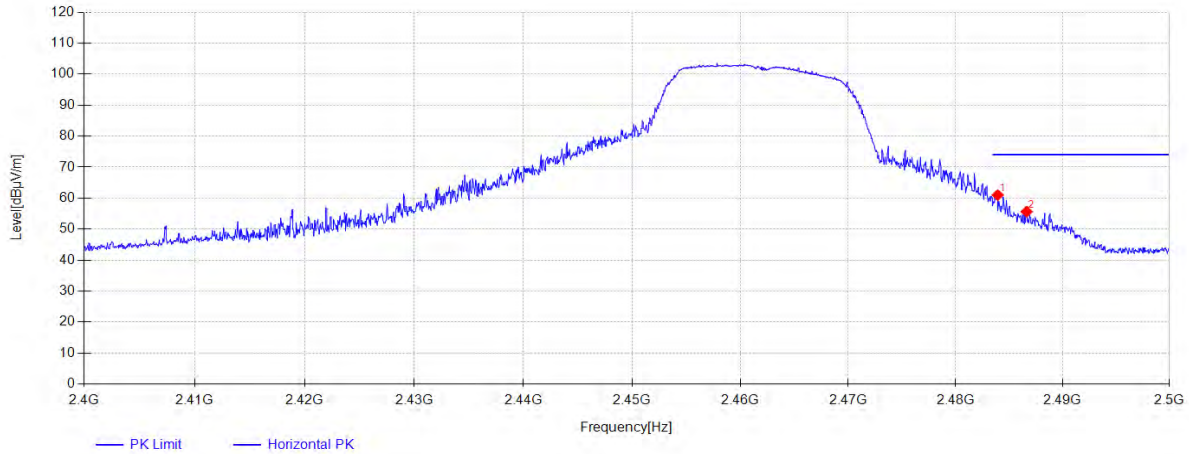
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.942	56.37	27.74	-23.12	60.99	74.00	13.01	310	191	Horizontal
2	2486.6433	51.00	27.75	-23.12	55.63	74.00	18.37	310	191	Horizontal



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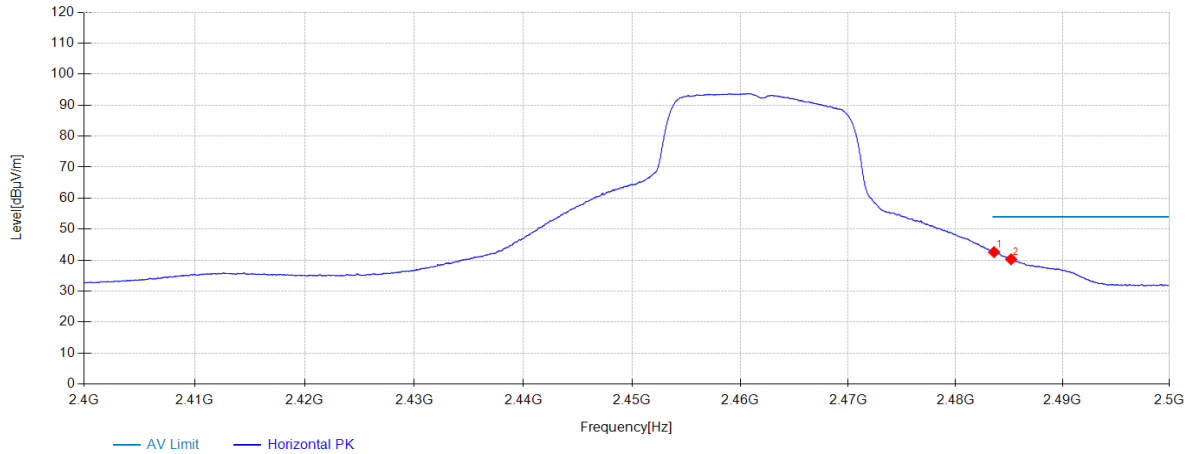
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802.11g_Channel 11



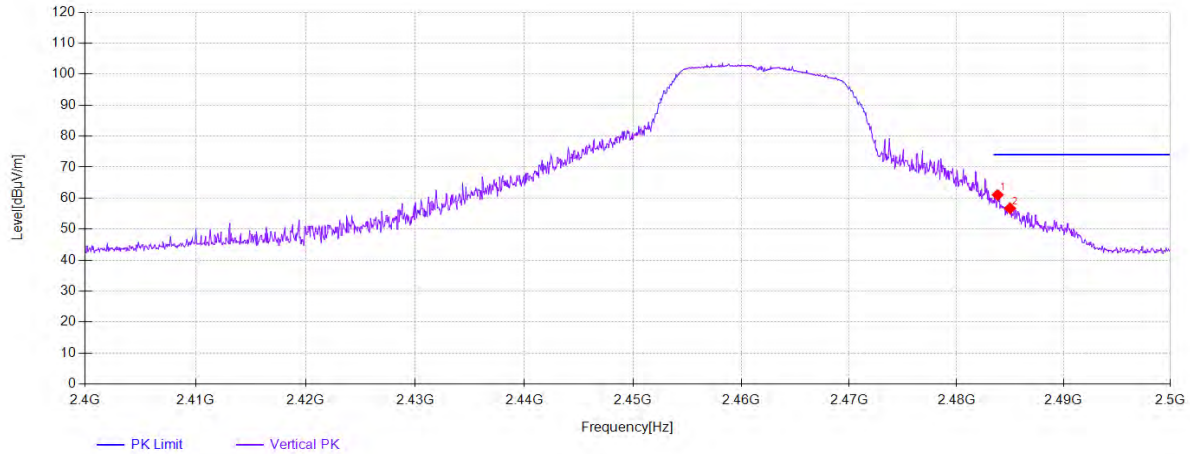
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1	2483.5918	37.99	27.73	-23.12	42.60	54.00	11.40	310	191	Horizontal
2	2485.1926	35.67	27.74	-23.12	40.29	54.00	13.71	310	191	Horizontal



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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	2483.8419	56.43	27.74	-23.12	61.05	74.00	12.95	392	164	Vertical
2	2484.9925	52.09	27.74	-23.12	56.71	74.00	17.29	392	164	Vertical



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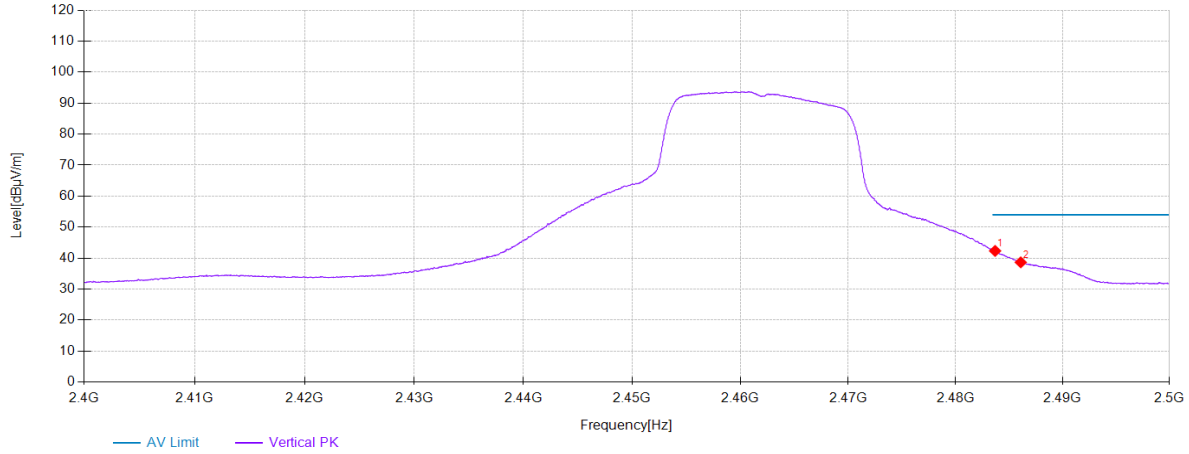
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.6918	37.72	27.73	-23.12	42.33	54.00	11.67	392	164	Vertical
2	2486.093	34.03	27.74	-23.12	38.65	54.00	15.35	392	164	Vertical



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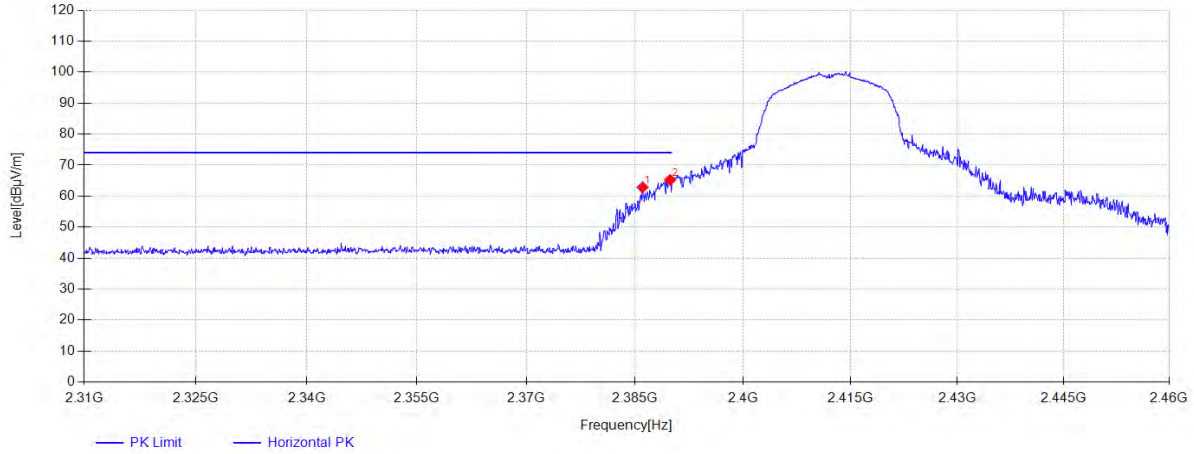
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802.11n20_Channel 1



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	2386.013	58.43	27.46	-23.02	62.87	74.00	11.13	102	95	Horizontal
2	2389.8399	60.82	27.44	-23.02	65.24	74.00	8.76	102	95	Horizontal



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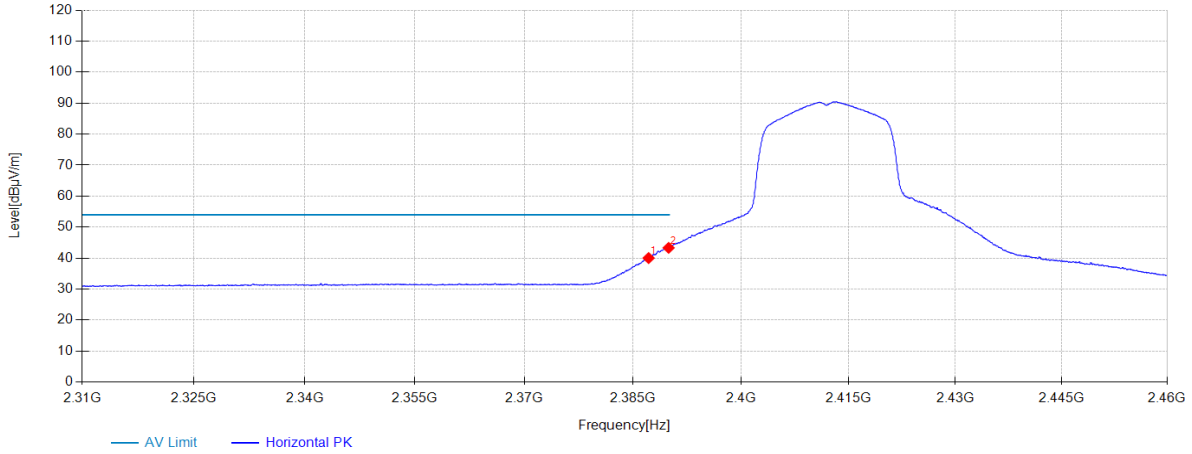
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802.11n20_Channel 1



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	2387.1386	35.59	27.45	-23.02	40.02	54.00	13.98	102	95	Horizontal
2	2389.915	38.90	27.44	-23.02	43.32	54.00	10.68	102	95	Horizontal



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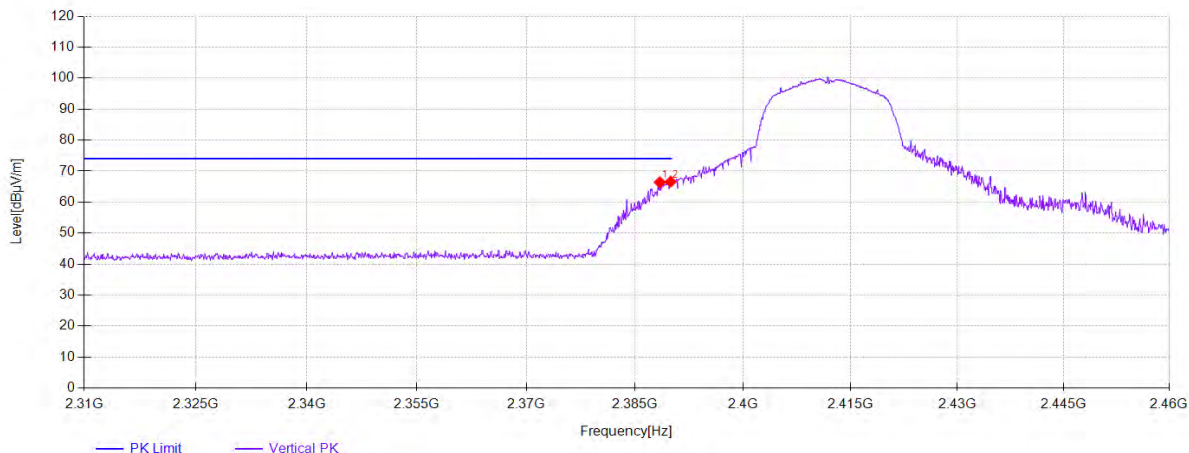
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.4142	61.98	27.45	-23.02	66.41	74.00	7.59	364	166	Vertical
2	2389.915	62.16	27.44	-23.02	66.58	74.00	7.42	364	166	Vertical



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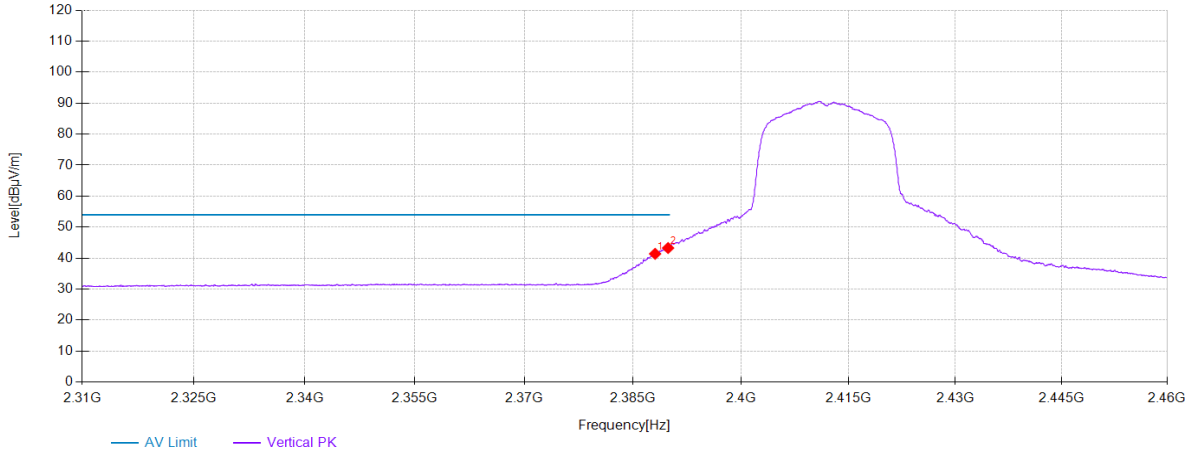
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802.11n20_Channel 1

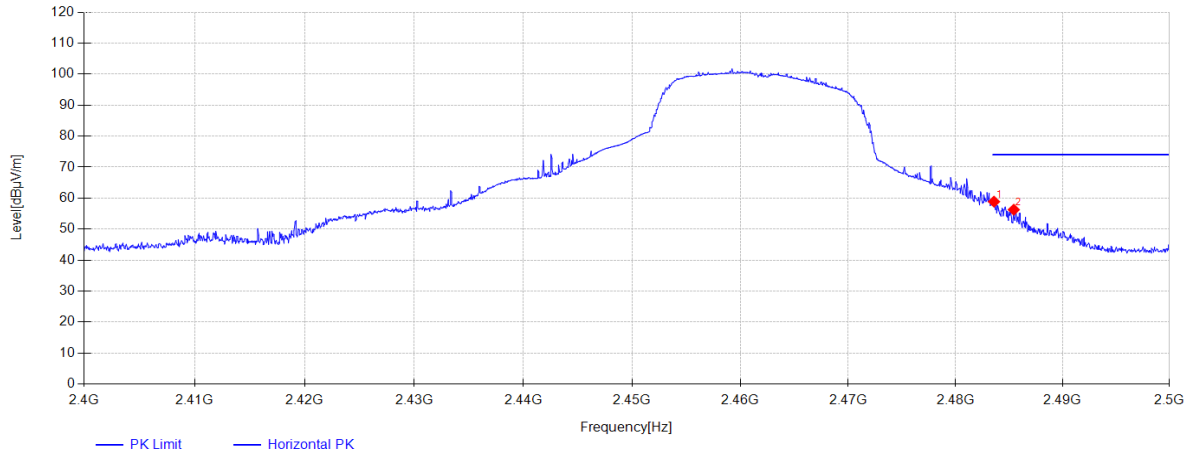


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1	2388.039	36.96	27.45	-23.02	41.39	54.00	12.61	364	166	Vertical
2	2389.8399	38.85	27.44	-23.02	43.27	54.00	10.73	364	166	Vertical



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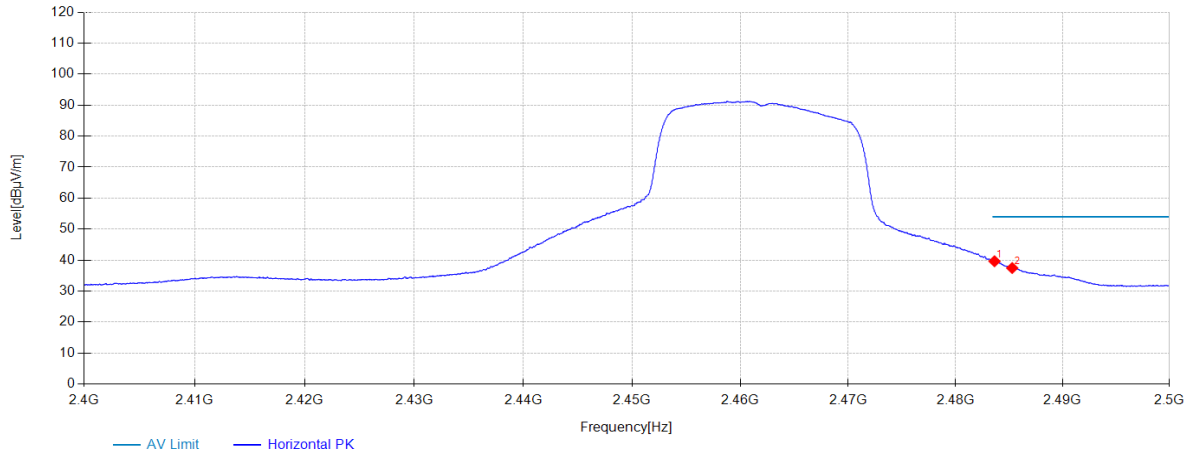
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1	2483.5918	54.26	27.73	-23.12	58.87	74.00	15.13	103	137	Horizontal
2	2485.4427	51.65	27.74	-23.12	56.27	74.00	17.73	103	137	Horizontal


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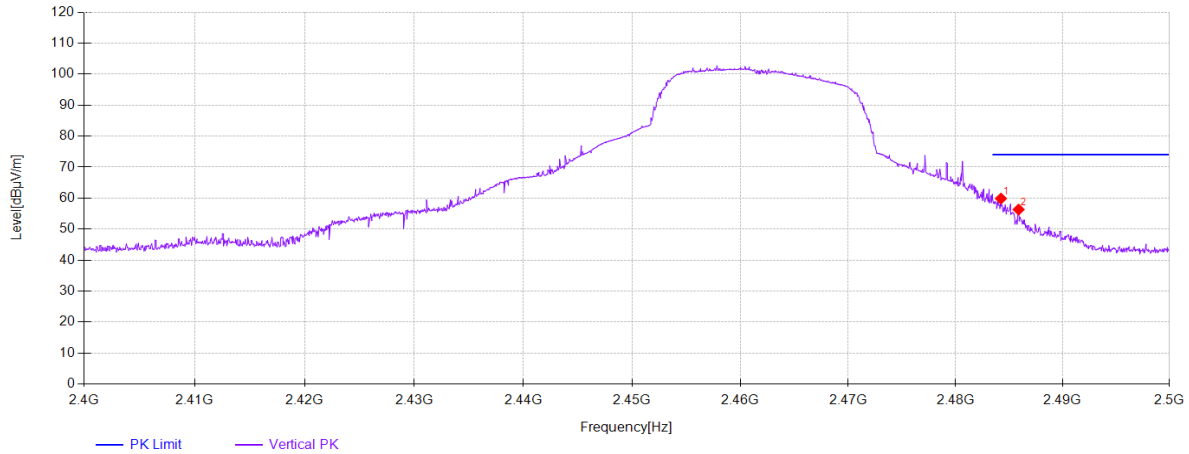
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1	2483.6418	35.03	27.73	-23.12	39.64	54.00	14.36	103	137	Horizontal
2	2485.2926	32.84	27.74	-23.12	37.46	54.00	16.54	103	137	Horizontal


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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	2484.2421	55.25	27.74	-23.12	59.87	74.00	14.13	393	164	Vertical
2	2485.8929	51.70	27.74	-23.12	56.32	74.00	17.68	393	164	Vertical


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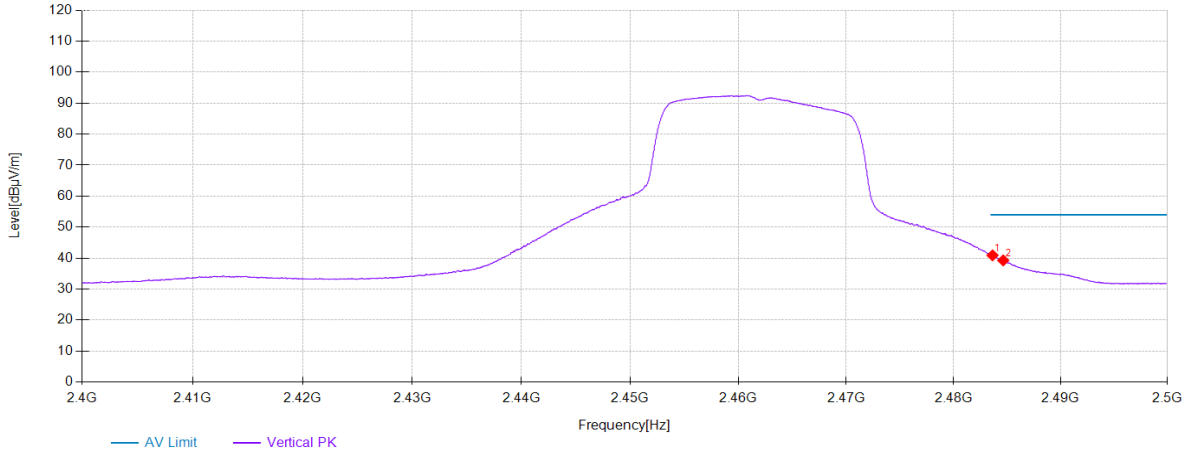
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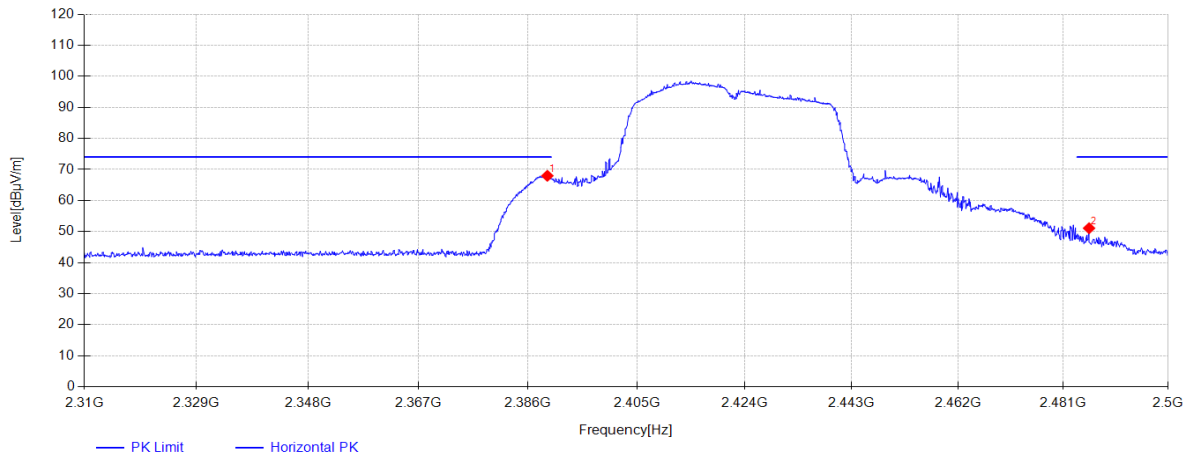
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1	2483.6418	36.29	27.73	-23.12	40.90	54.00	13.10	393	164	Vertical
2	2484.6423	34.65	27.74	-23.12	39.27	54.00	14.73	393	164	Vertical



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802.11n40_Channel 3


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	2389.3647	63.55	27.44	-23.02	67.97	74.00	6.03	109	205	Horizontal
2	2485.6478	46.47	27.74	-23.12	51.09	74.00	22.91	109	205	Horizontal

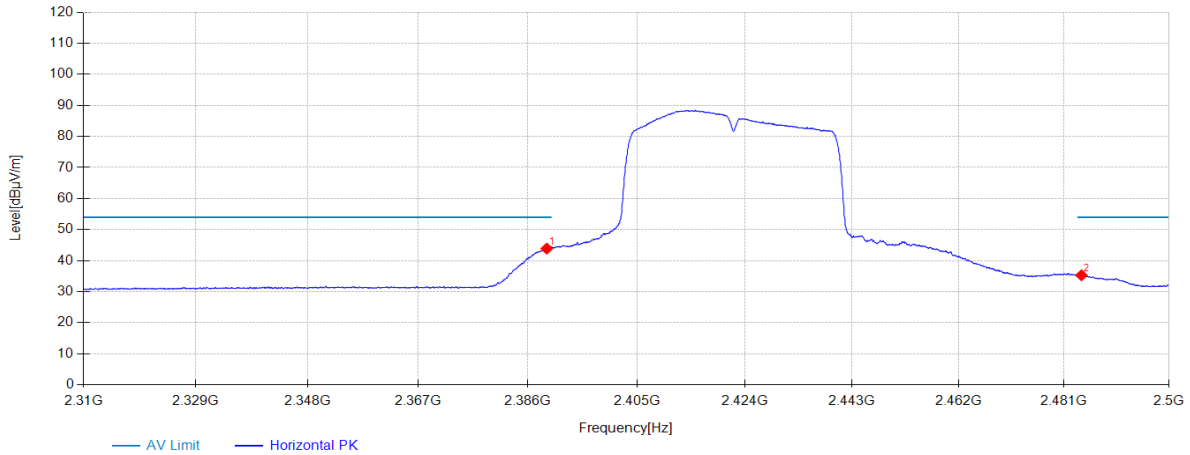


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802.11n40_Channel 3


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	2389.2696	39.46	27.44	-23.02	43.88	54.00	10.12	109	205	Horizontal
2	2484.1271	30.67	27.74	-23.12	35.29	54.00	18.71	109	205	Horizontal



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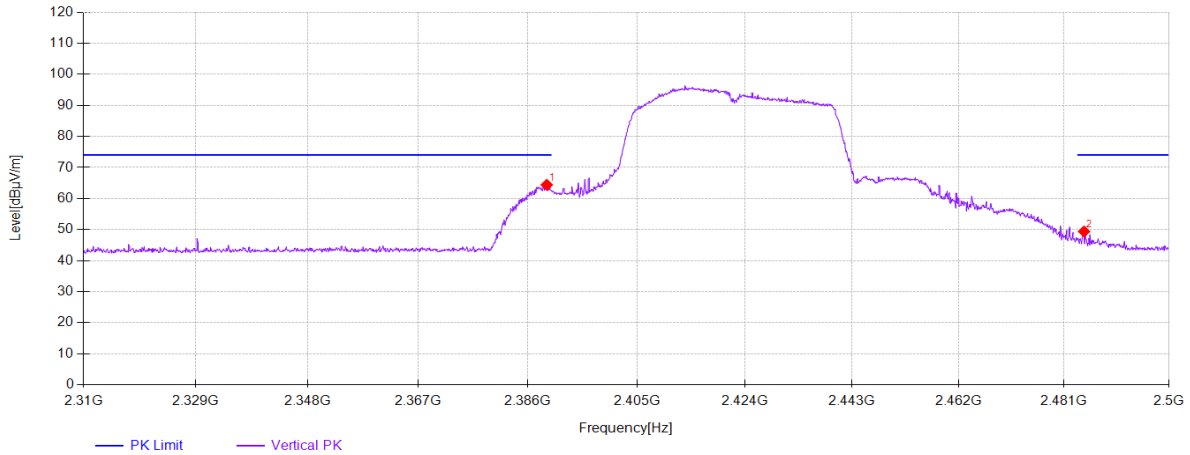
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802.11n40_Channel 3



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	2389.2696	59.99	27.44	-23.02	64.41	74.00	9.59	398	166	Vertical
2	2484.6023	44.77	27.74	-23.12	49.39	74.00	24.61	398	166	Vertical



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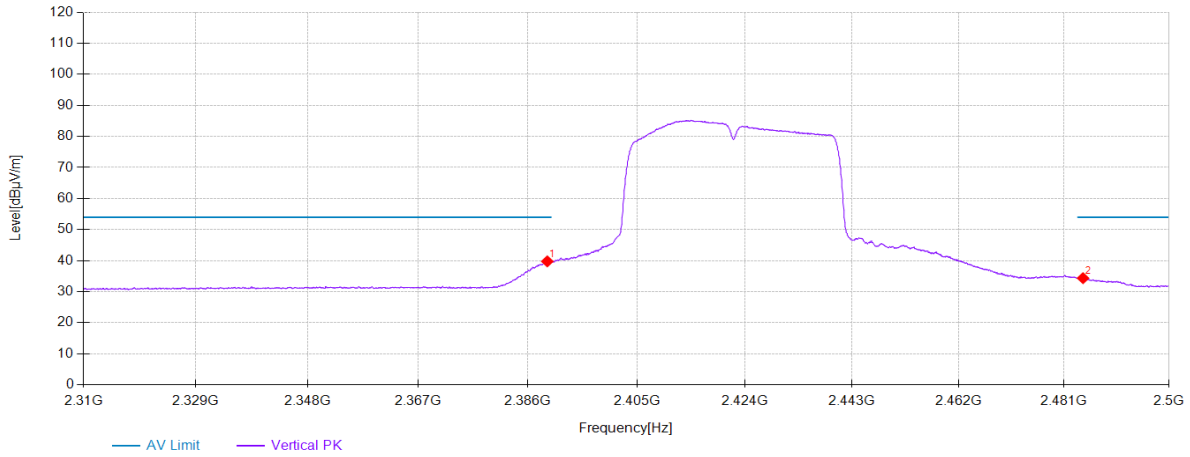
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802.11n40_Channel 3



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	2389.3647	35.36	27.44	-23.02	39.78	54.00	14.22	398	166	Vertical
2	2484.4122	29.74	27.74	-23.12	34.36	54.00	19.64	398	166	Vertical



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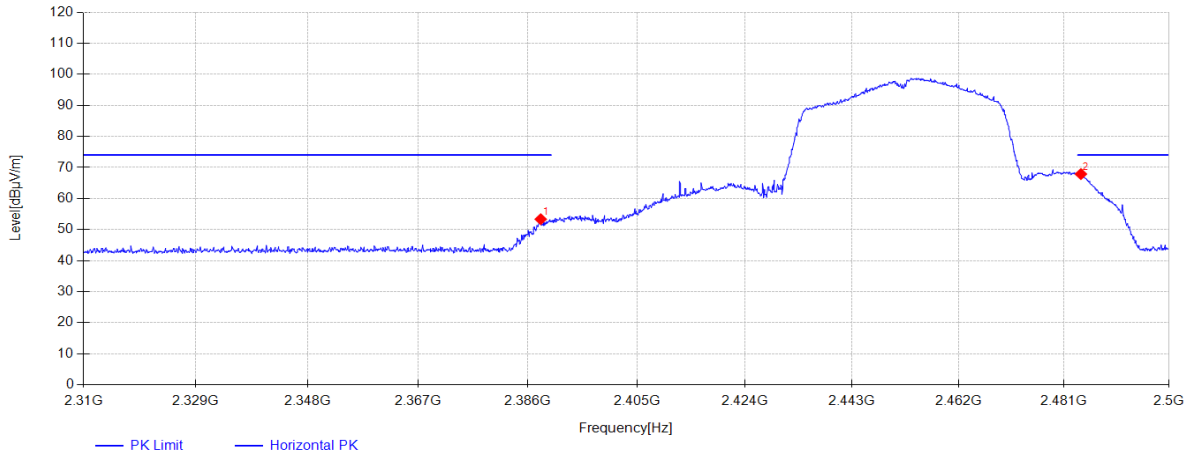
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802.11n40_Channel 9



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	2388.2241	48.91	27.45	-23.02	53.34	74.00	20.66	102	192	Horizontal
2	2484.032	63.26	27.74	-23.12	67.88	74.00	6.12	102	192	Horizontal



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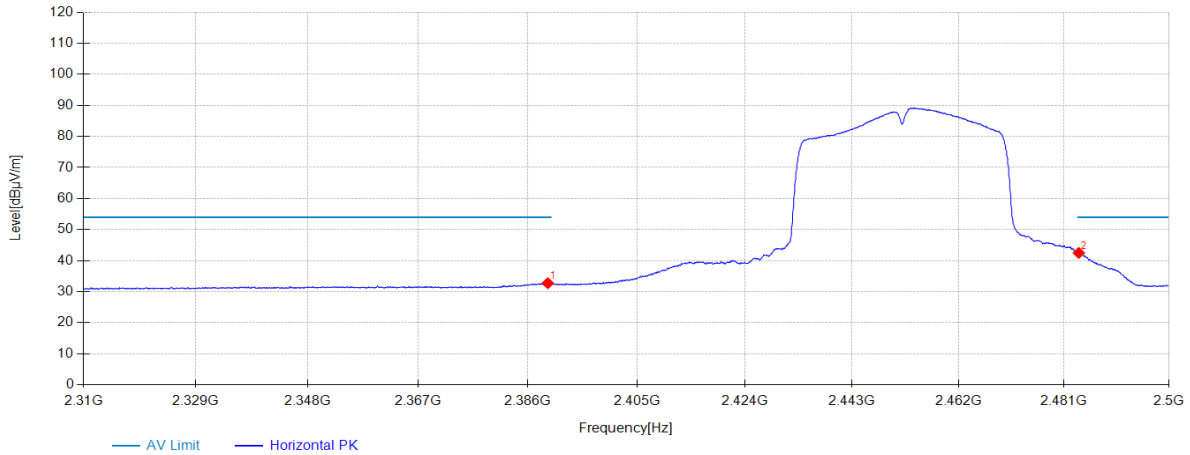
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802.11n40_Channel 9



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	2389.4597	28.32	27.44	-23.02	32.74	54.00	21.26	102	192	Horizontal
2	2483.6518	37.89	27.73	-23.12	42.50	54.00	11.50	102	192	Horizontal



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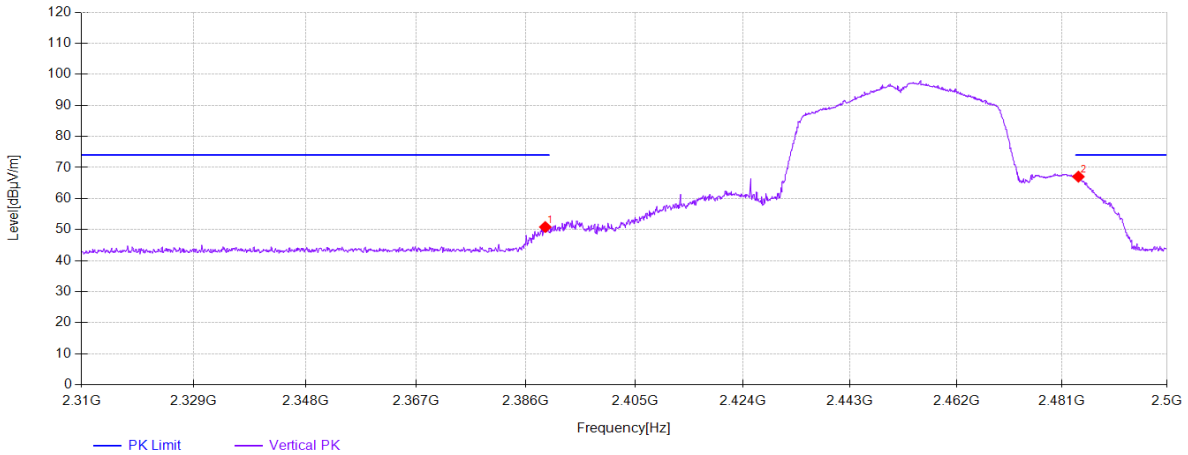
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.3647	46.41	27.44	-23.02	50.83	74.00	23.17	395	162	Vertical
2	2483.937	62.42	27.74	-23.12	67.04	74.00	6.96	395	162	Vertical



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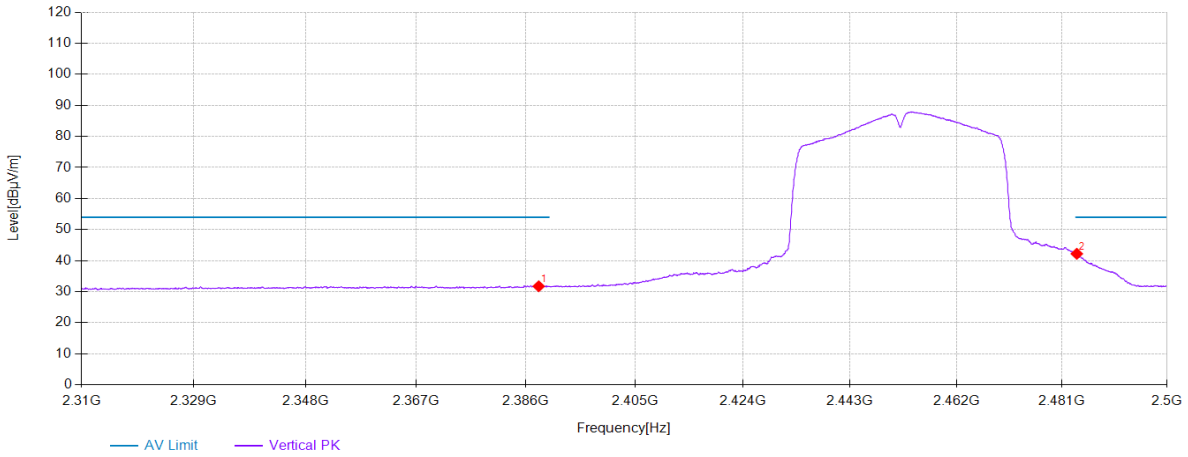
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802.11n40_Channel 9

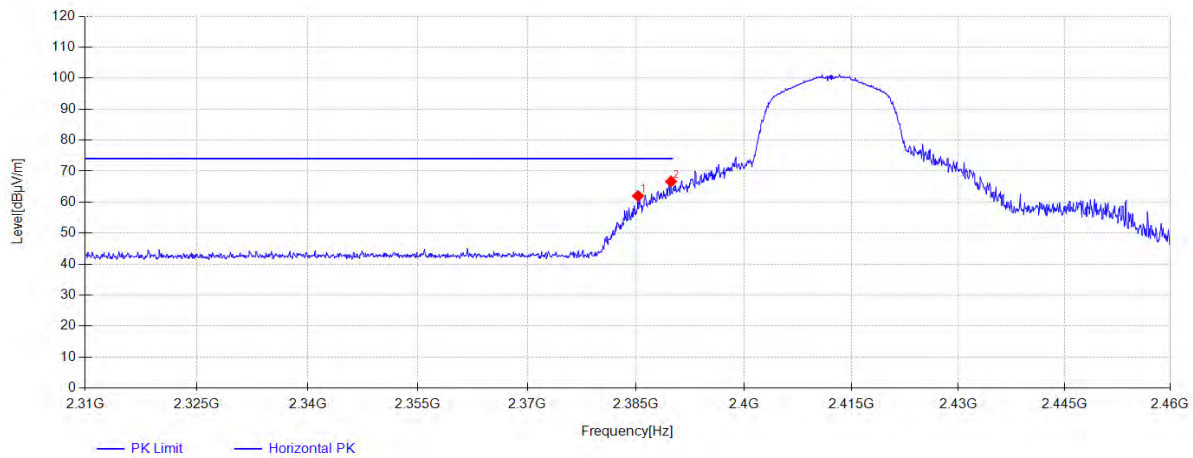


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.2241	27.32	27.45	-23.02	31.75	54.00	22.25	395	162	Vertical
2	2483.6518	37.60	27.73	-23.12	42.21	54.00	11.79	395	162	Vertical



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802.11VHT20_Channel 1


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	2385.2626	57.54	27.46	-23.02	61.98	74.00	12.02	319	91	Horizontal
2	2389.8399	62.23	27.44	-23.02	66.65	74.00	7.35	319	91	Horizontal


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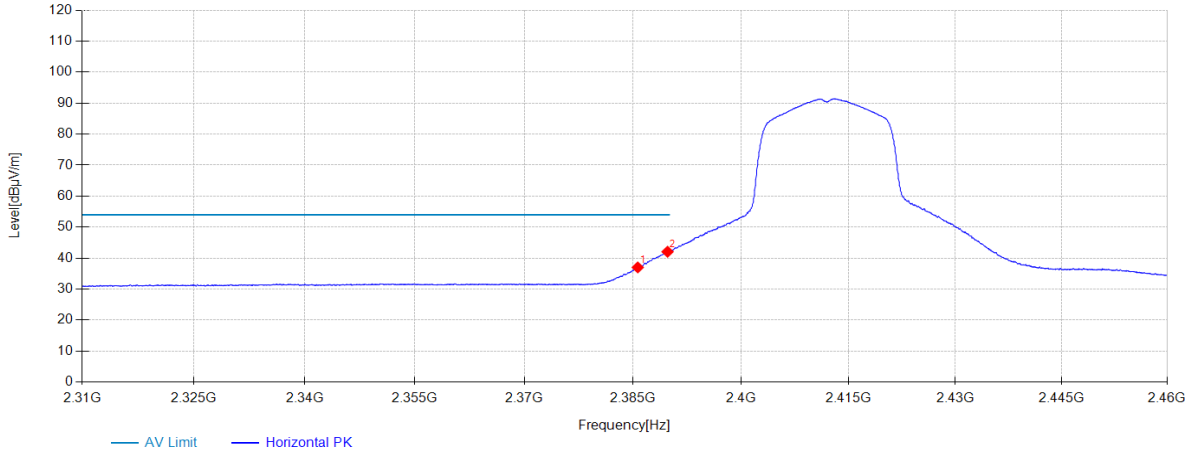
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802.11VHT20_Channel 1



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	2385.6378	32.57	27.46	-23.02	37.01	54.00	16.99	319	91	Horizontal
2	2389.7649	37.65	27.44	-23.02	42.07	54.00	11.93	319	91	Horizontal



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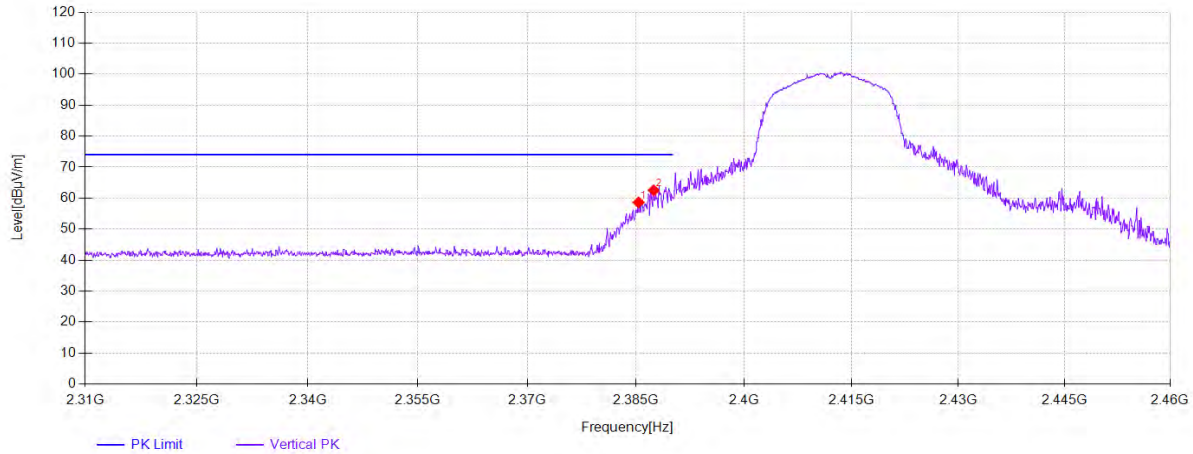
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802.11VHT20_Channel 1



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	2385.3377	54.18	27.46	-23.02	58.62	74.00	15.38	366	166	Vertical
2	2387.4387	58.08	27.45	-23.02	62.51	74.00	11.49	366	166	Vertical



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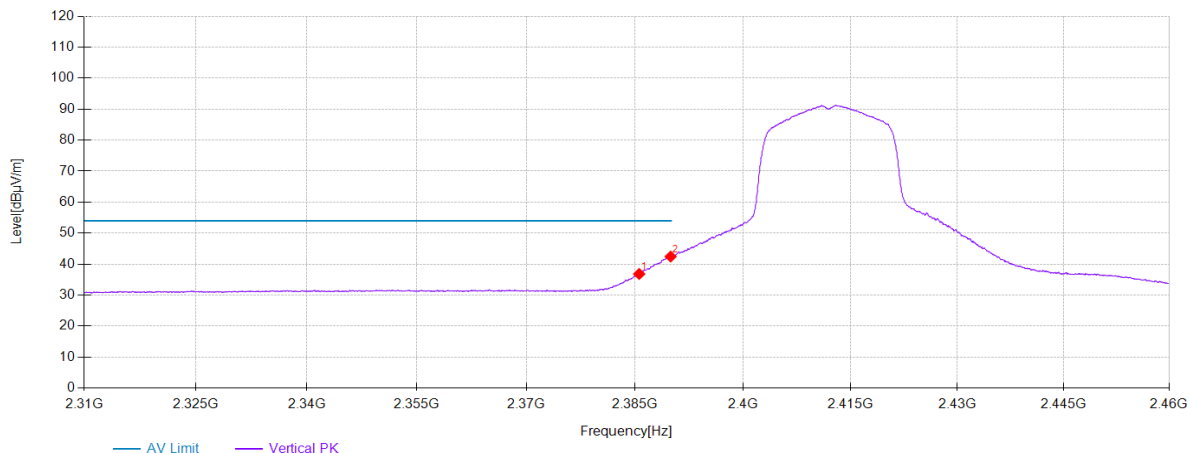
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802.11VHT20_Channel 1



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	2385.5628	32.39	27.46	-23.02	36.83	54.00	17.17	366	166	Vertical
2	2389.915	38.02	27.44	-23.02	42.44	54.00	11.56	366	166	Vertical



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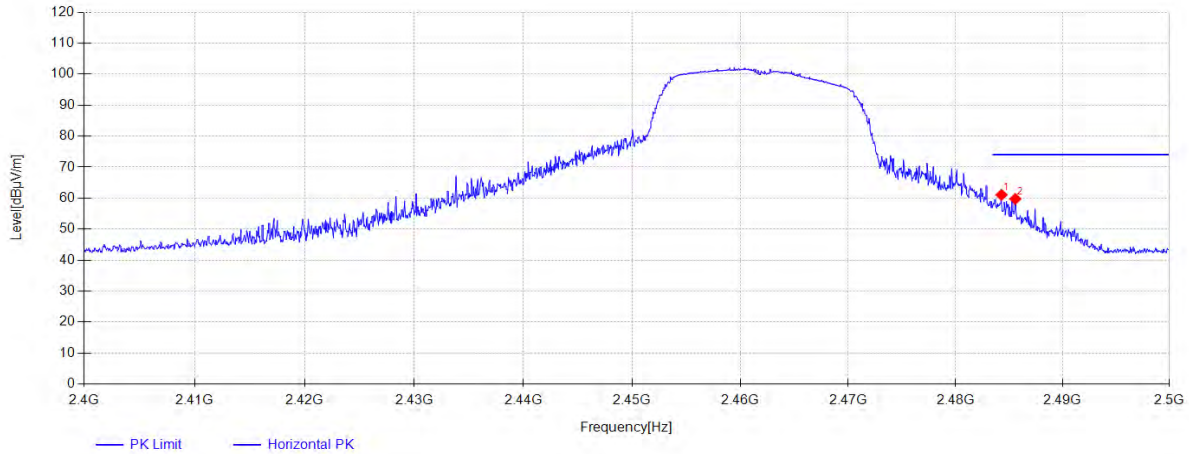
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802.11VHT20_Channel 11



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	2484.2921	56.44	27.74	-23.12	61.06	74.00	12.94	349	189	Horizontal
2	2485.5928	55.13	27.74	-23.12	59.75	74.00	14.25	349	189	Horizontal



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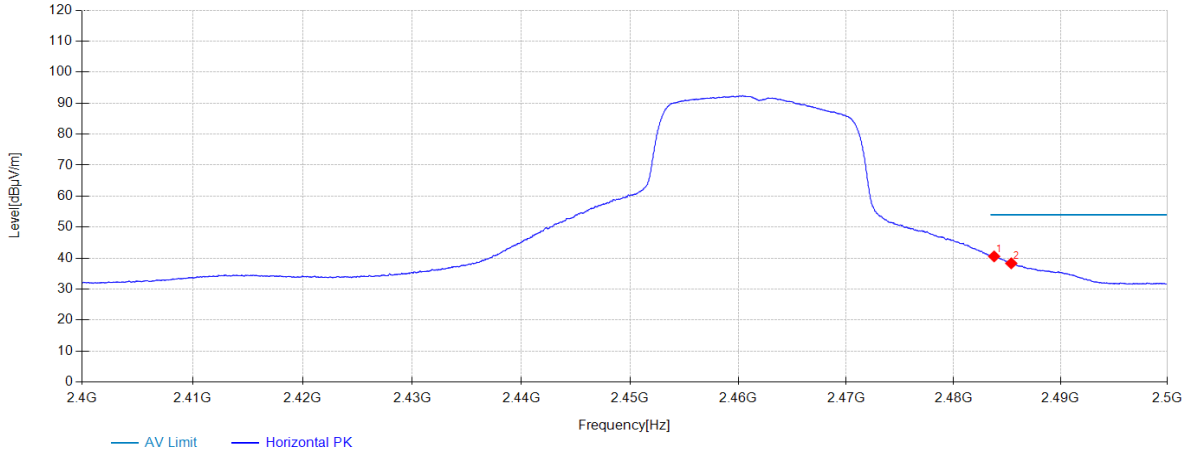
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802.11VHT20_Channel 11



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	2483.7919	35.94	27.74	-23.12	40.56	54.00	13.44	349	189	Horizontal
2	2485.3927	33.71	27.74	-23.12	38.33	54.00	15.67	349	189	Horizontal



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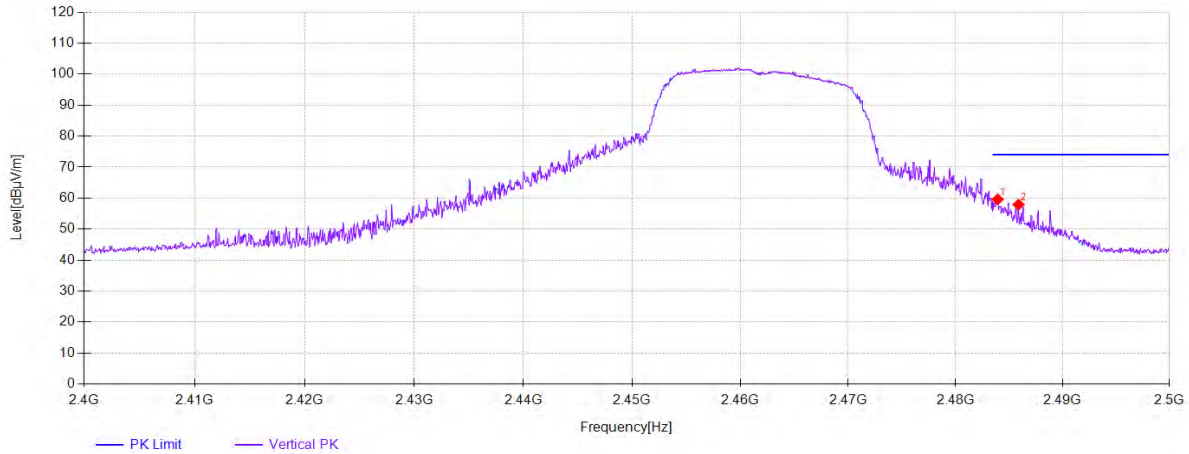
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802.11VHT20_Channel 11



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	2483.942	54.99	27.74	-23.12	59.61	74.00	14.39	392	166	Vertical
2	2485.8929	53.27	27.74	-23.12	57.89	74.00	16.11	392	166	Vertical



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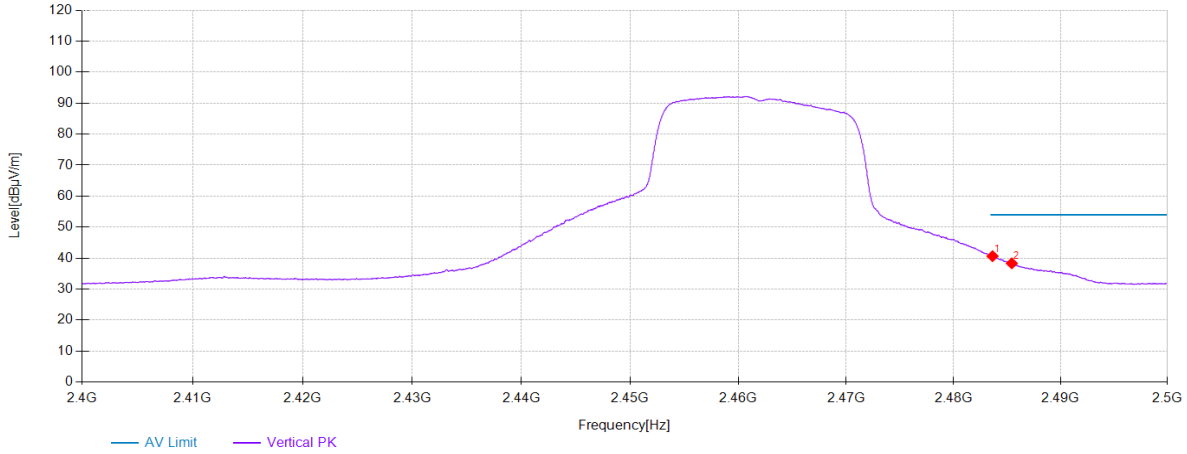
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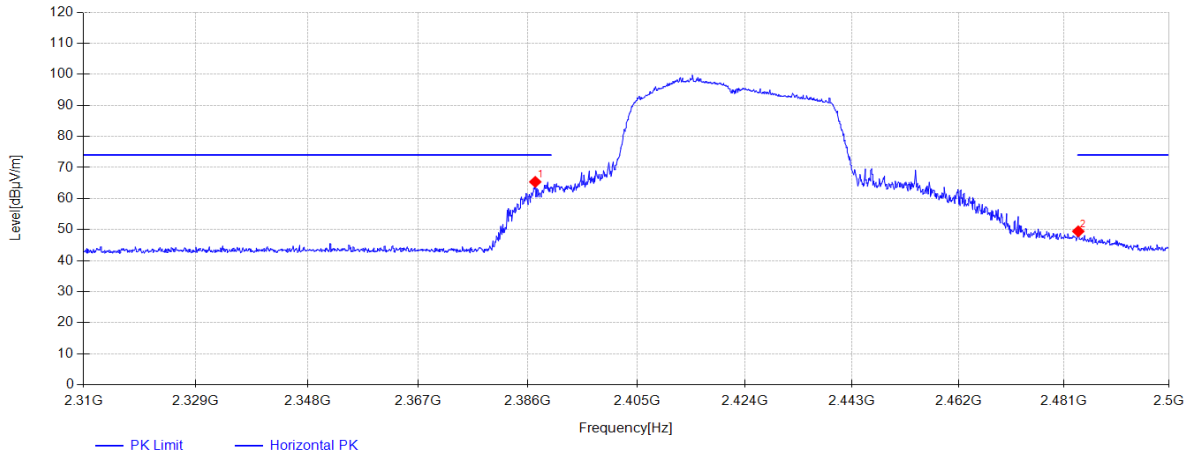


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.6418	36.03	27.73	-23.12	40.64	54.00	13.36	392	166	Vertical
2	2485.4427	33.70	27.74	-23.12	38.32	54.00	15.68	392	166	Vertical



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802.11VHT40_Channel 3


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	2387.2736	60.93	27.45	-23.02	65.36	74.00	8.64	107	202	Horizontal
2	2483.5568	44.83	27.73	-23.12	49.44	74.00	24.56	107	202	Horizontal



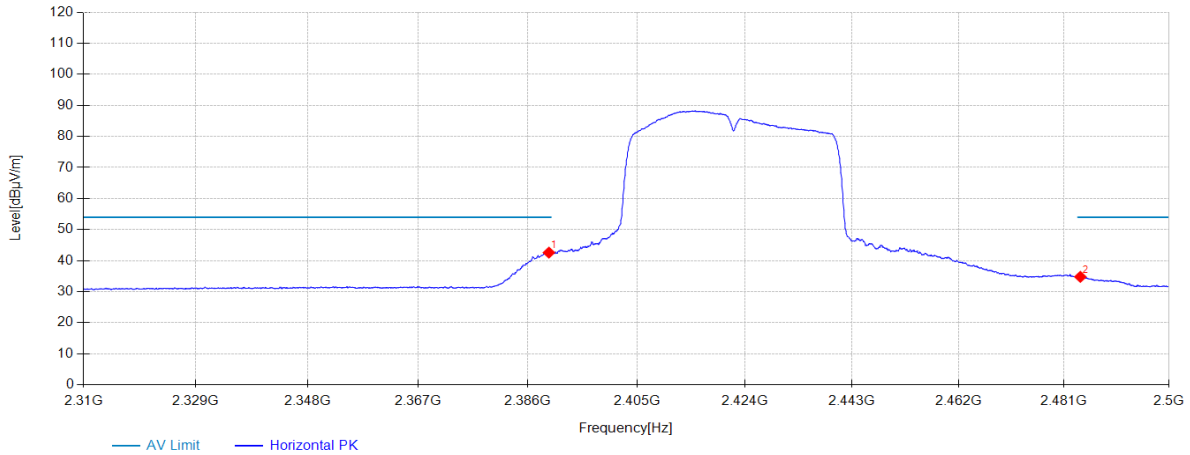
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802.11VHT40_Channel 3



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	2389.6498	38.17	27.44	-23.02	42.59	54.00	11.41	107	202	Horizontal
2	2483.937	30.17	27.74	-23.12	34.79	54.00	19.21	107	202	Horizontal



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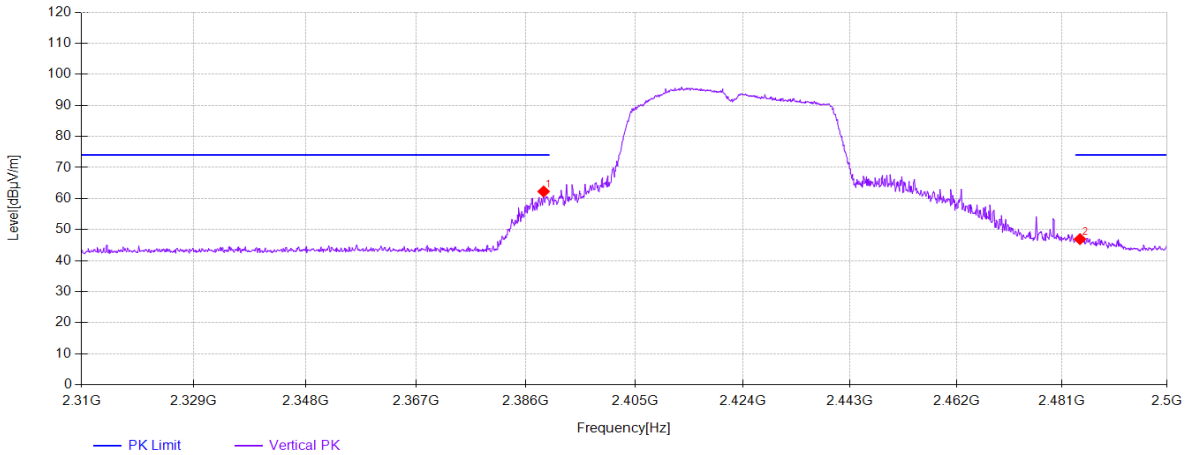
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.0795	57.86	27.44	-23.02	62.28	74.00	11.72	397	160	Vertical
2	2484.2221	42.31	27.74	-23.12	46.93	74.00	27.07	397	160	Vertical



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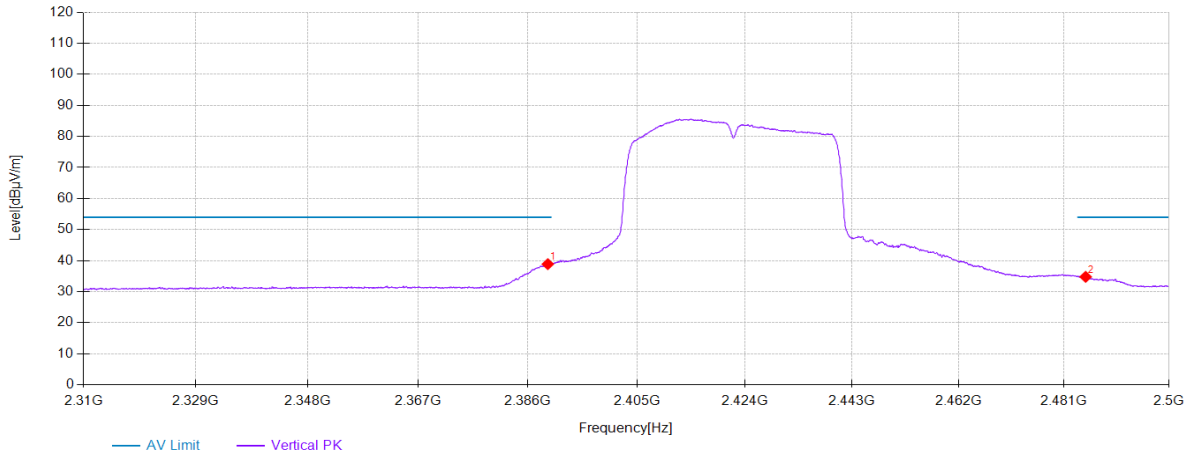
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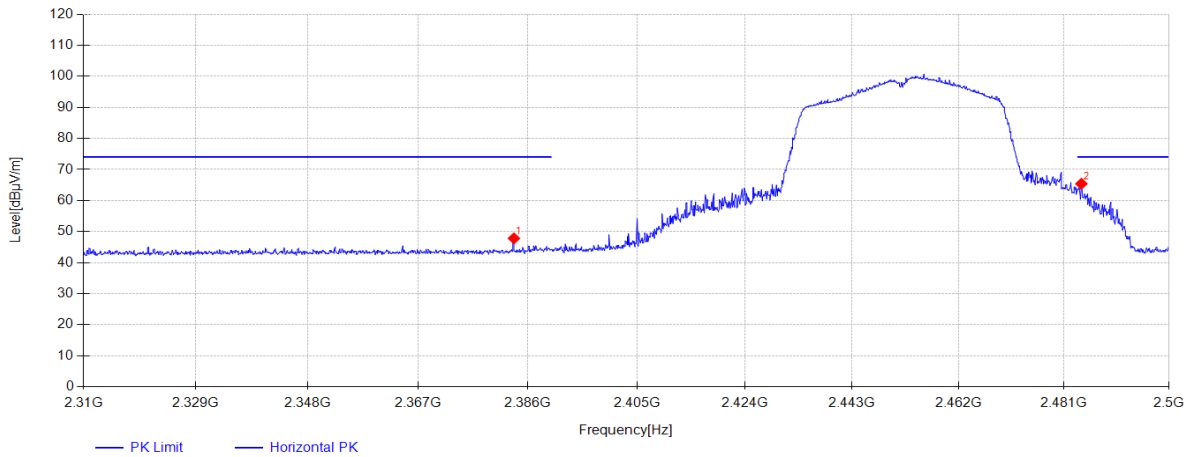


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.4597	34.46	27.44	-23.02	38.88	54.00	15.12	397	160	Vertical
2	2484.8874	30.17	27.74	-23.12	34.79	54.00	19.21	397	160	Vertical



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802.11VHT40_Channel 9


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	2383.5668	43.38	27.47	-23.03	47.82	74.00	26.18	101	198	Horizontal
2	2484.1271	60.78	27.74	-23.12	65.40	74.00	8.60	101	198	Horizontal

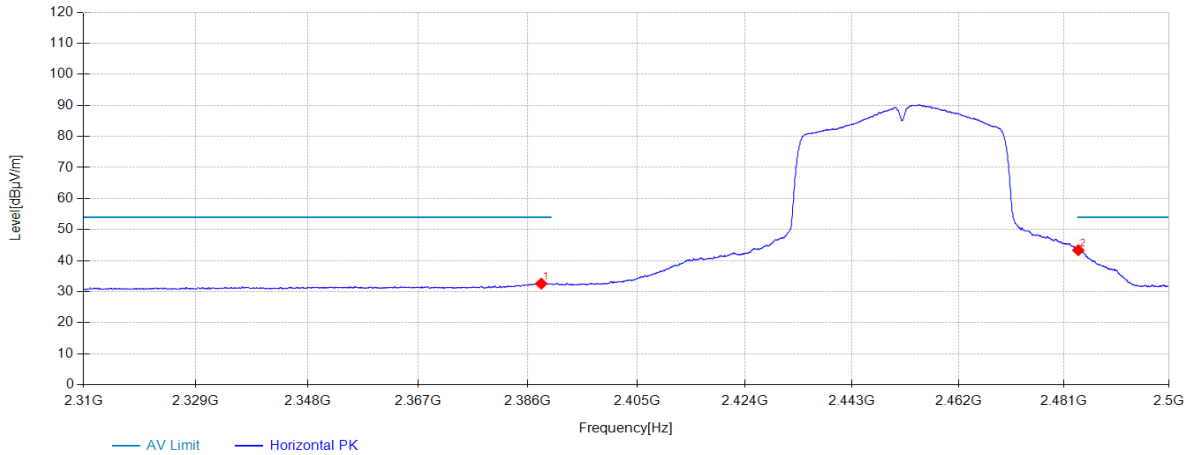




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802.11VHT40_Channel 9



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	2388.3192	28.18	27.45	-23.02	32.61	54.00	21.39	101	198	Horizontal
2	2483.5568	38.76	27.73	-23.12	43.37	54.00	10.63	101	198	Horizontal

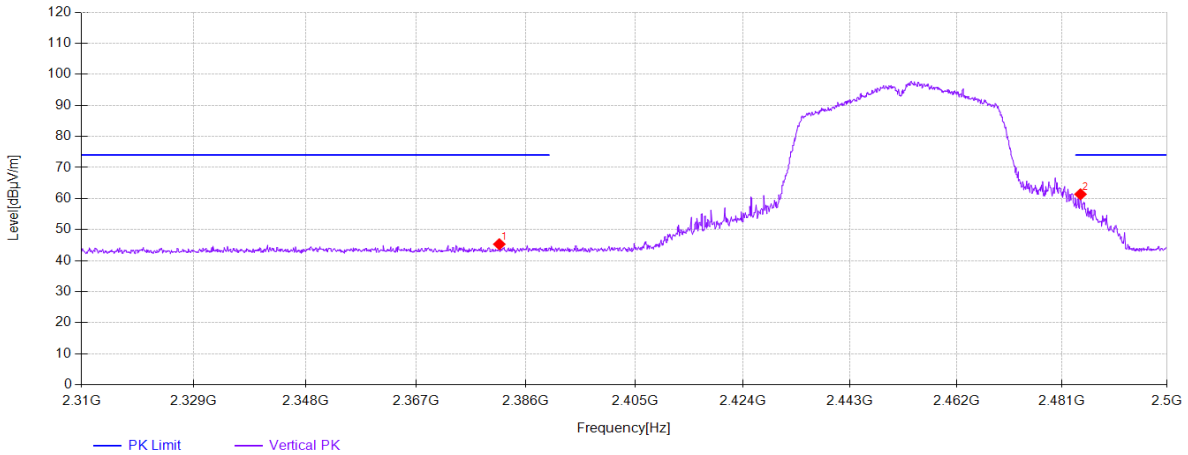


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802.11VHT40_Channel 9



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	2381.3807	40.87	27.47	-23.03	45.31	74.00	28.69	395	166	Vertical
2	2484.3172	56.77	27.74	-23.12	61.39	74.00	12.61	395	166	Vertical

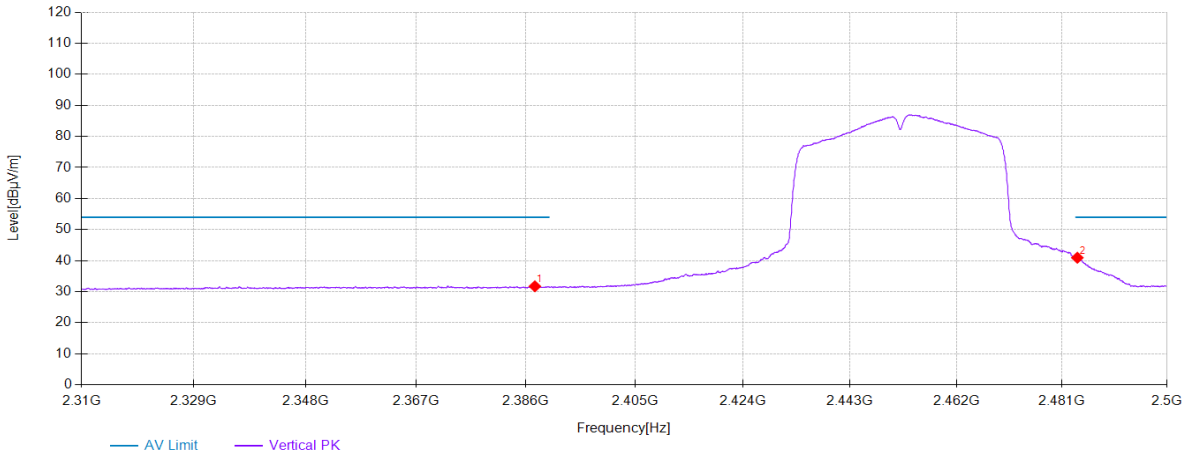


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.5588	27.31	27.45	-23.02	31.74	54.00	22.26	395	166	Vertical
2	2483.7469	36.34	27.73	-23.12	40.95	54.00	13.05	395	166	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Pre-amplifier 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) - Pre-amplifier gain(dB)
 Margin = Limit(dBµV/m) – Level(dBµV/m)
- Both peak and average measured complies with the limit line, so test result is "PASS"

---End of Report---



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