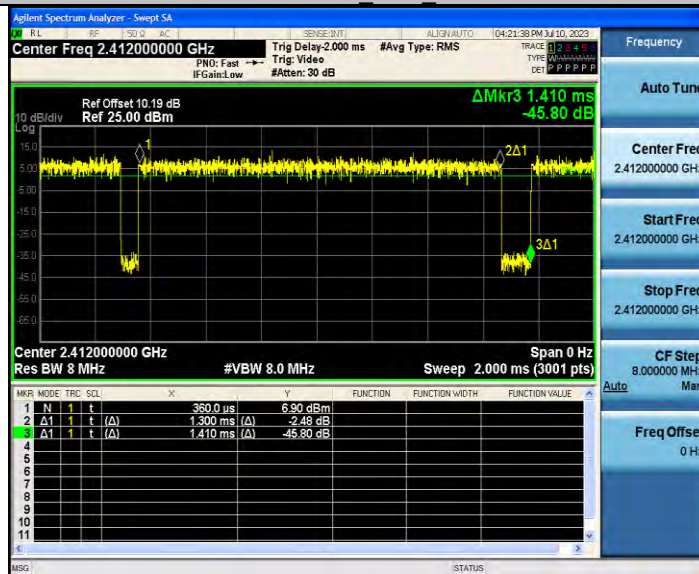




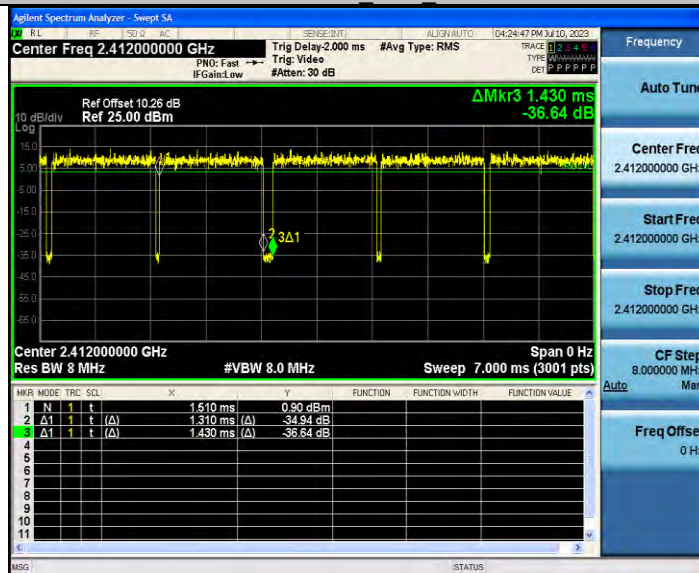
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11n20MIMO Ant0 2412



11n20MIMO Ant1 2412



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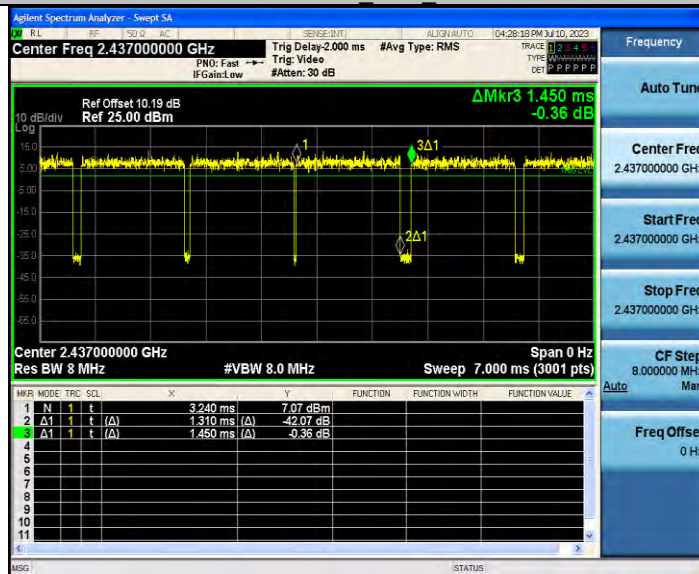
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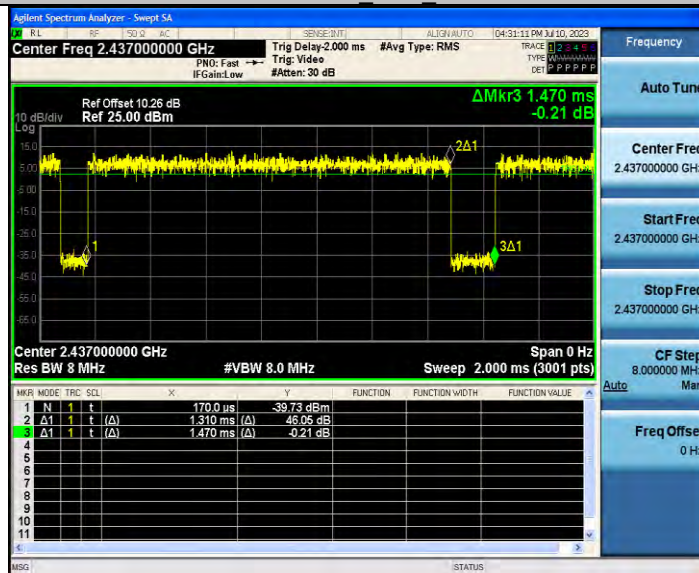
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11n20MIMO Ant0 2437



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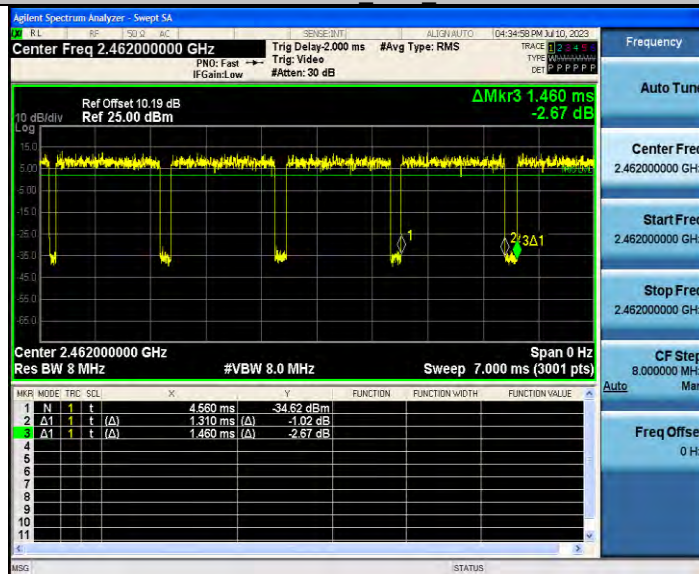
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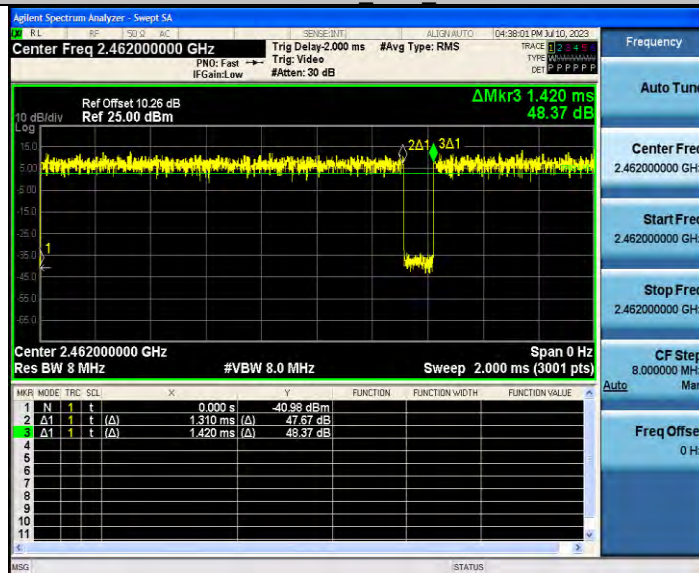
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11n20MIMO Ant0 2462



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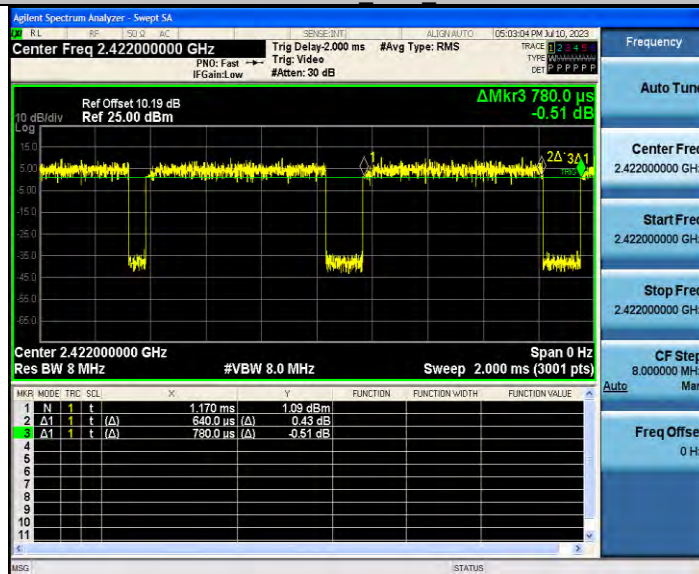
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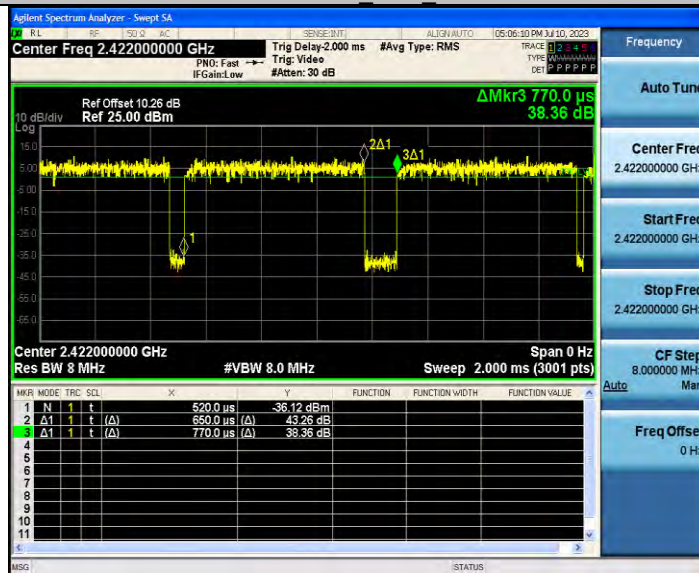
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11n40MIMO Ant0 2422



11n40MIMO Ant1 2422



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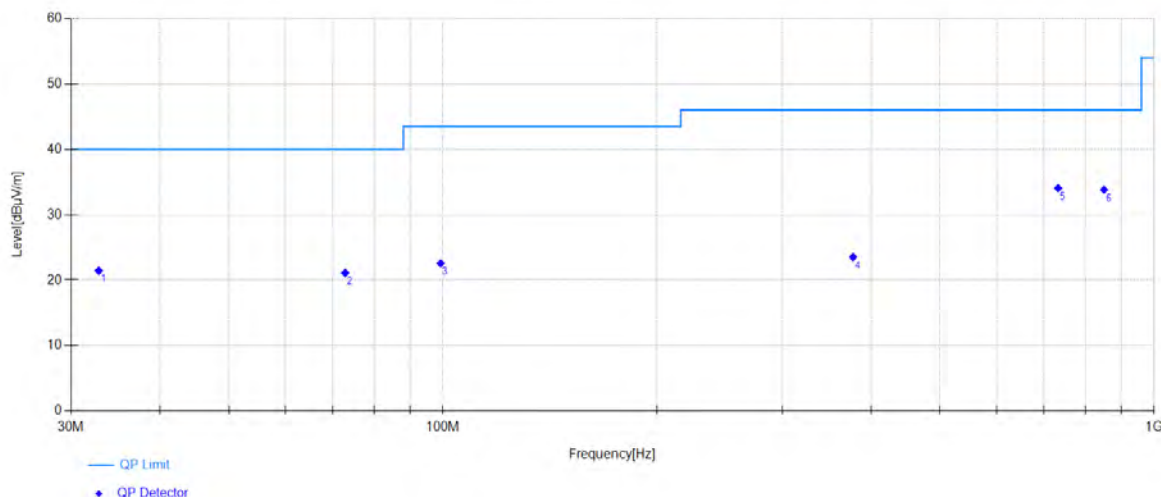
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Radiated Spurious Emissions

Radiated emission below 1GHz

Worst case Mode: 11n40_Channel 09



Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.8133	38.08	-25.34	8.70	21.44	40.00	18.56	244	256	Horizontal
2	72.8783	33.89	-24.49	11.71	21.11	40.00	18.89	181	173	Horizontal
3	99.2649	33.85	-24.56	13.28	22.57	43.50	20.93	265	4	Horizontal
4	377.3917	27.05	-22.58	19.06	23.53	46.00	22.47	148	360	Horizontal
5	732.9323	26.03	-20.82	28.85	34.06	46.00	11.94	156	173	Horizontal
6	850.314	26.91	-20.88	27.79	33.82	46.00	12.18	131	12	Horizontal



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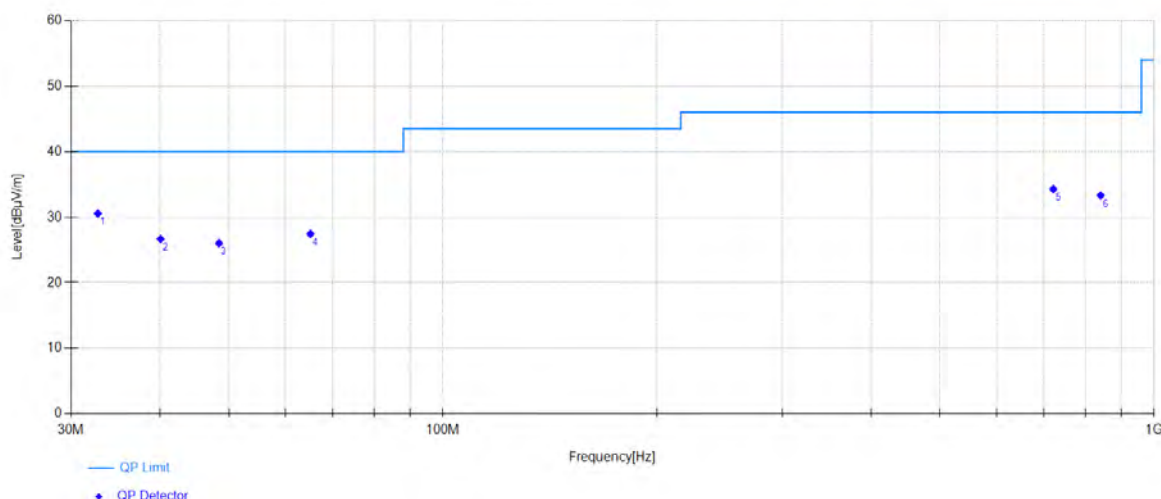
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	32.7163	47.17	-25.34	8.72	30.55	40.00	9.45	296	273	Vertical
2	40.089	41.9	-25.25	10.02	26.67	40.00	13.33	144	114	Vertical
3	48.4318	40.06	-25.13	11.09	26.02	40.00	13.98	336	78	Vertical
4	65.1175	40.51	-24.61	11.55	27.45	40.00	12.55	112	56	Vertical
5	721.6792	26.76	-20.67	28.19	34.28	46.00	11.72	183	32	Vertical
6	841.0011	27.15	-20.91	27.06	33.30	46.00	12.70	195	146	Vertical

Remark:

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



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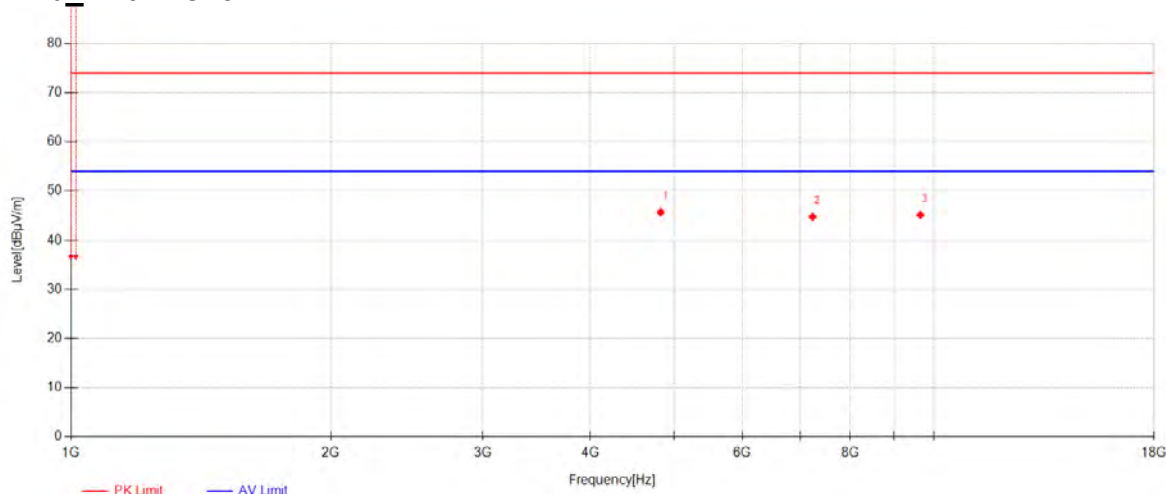


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Transmitter emission Above 1GHz

802.11b_Channel 01



Final 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	4824.0000	61.78	30.98	-47.08	45.68	74.00	28.32	145	215	Horizontal
2	7236.0000	54.08	36.08	-45.41	44.75	74.00	29.25	243	102	Horizontal
3	9648.0000	49.32	37.59	-41.80	45.11	74.00	28.89	112	255	Horizontal



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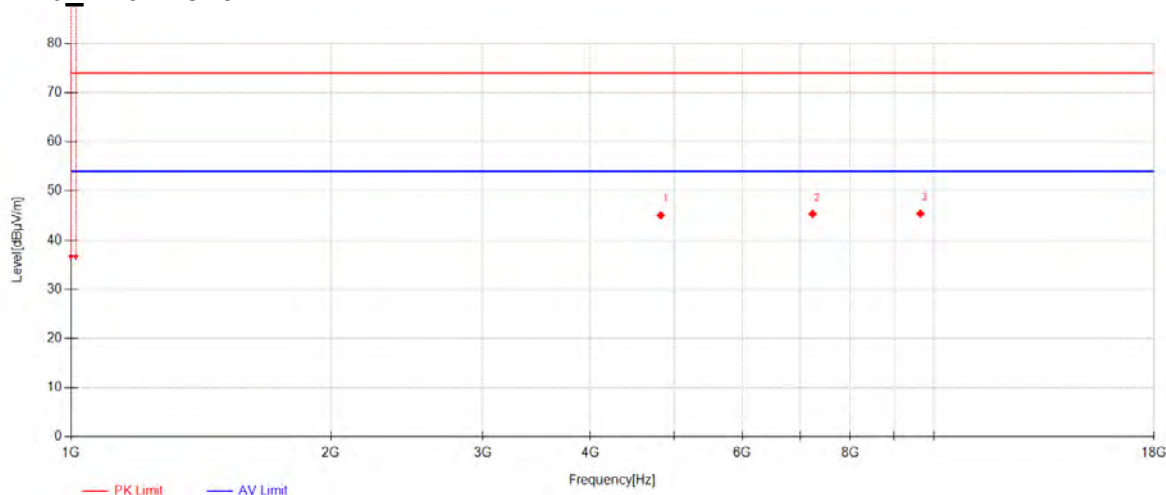
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802.11b Channel 01



Final 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	4824.0000	61.14	30.98	-47.08	45.04	74.00	28.96	295	347	Vertical
2	7236.0000	54.66	36.08	-45.41	45.33	74.00	28.67	154	6	Vertical
3	9648.0000	49.59	37.59	-41.80	45.38	74.00	28.62	312	183	Vertical



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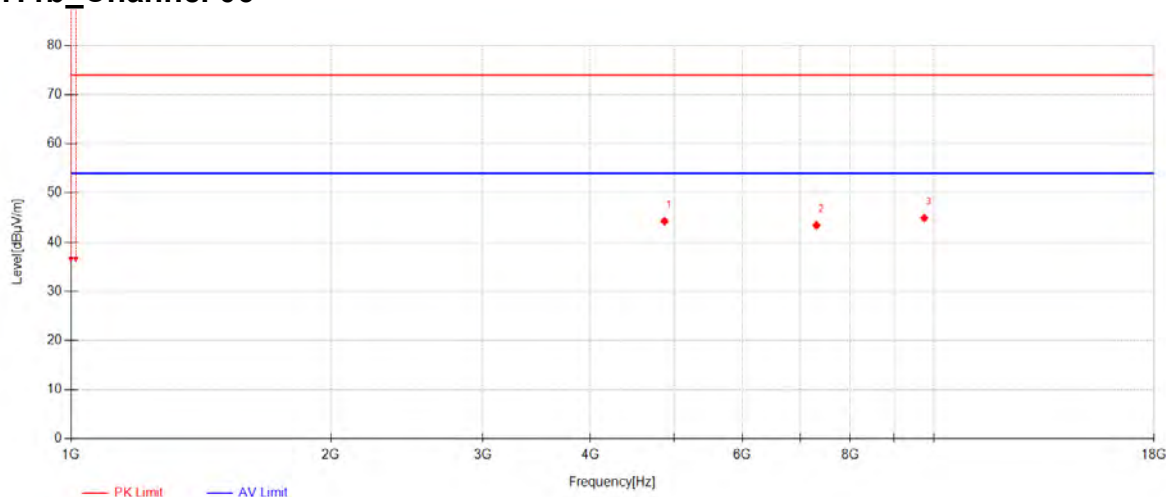
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802.11b Channel 06



Final 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	4874.0000	60.17	31.10	-47.02	44.25	74.00	29.75	123	212	Horizontal
2	7311.0000	52.71	36.17	-45.45	43.43	74.00	30.57	386	0	Horizontal
3	9748.0000	48.49	37.82	-41.41	44.90	74.00	29.10	213	183	Horizontal



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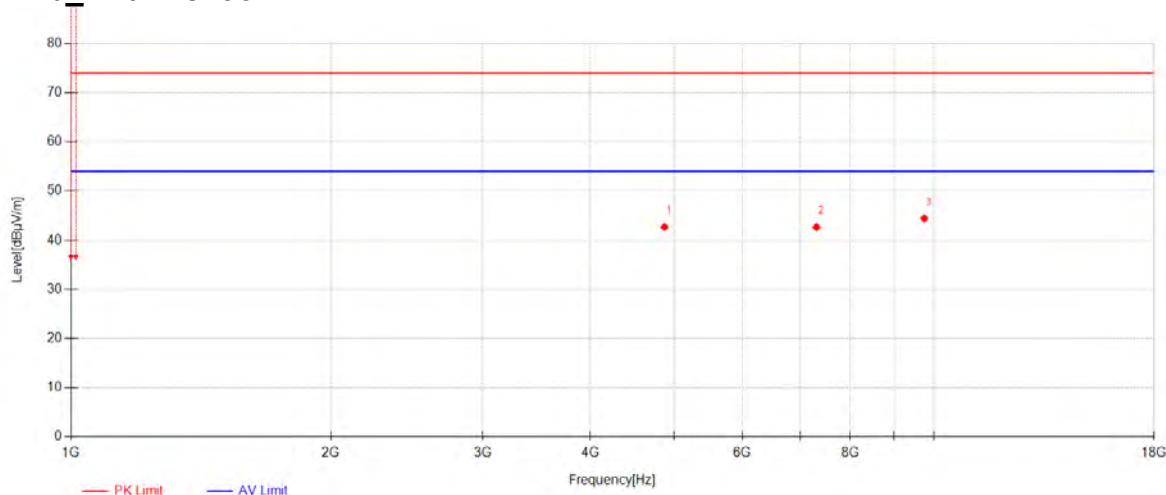
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802.11b Channel 06



Final 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	4874.0000	58.61	31.10	-47.02	42.69	74.00	31.31	227	158	Vertical
2	7311.0000	51.94	36.17	-45.45	42.66	74.00	31.34	132	171	Vertical
3	9748.0000	48.00	37.82	-41.41	44.41	74.00	29.59	235	105	Vertical



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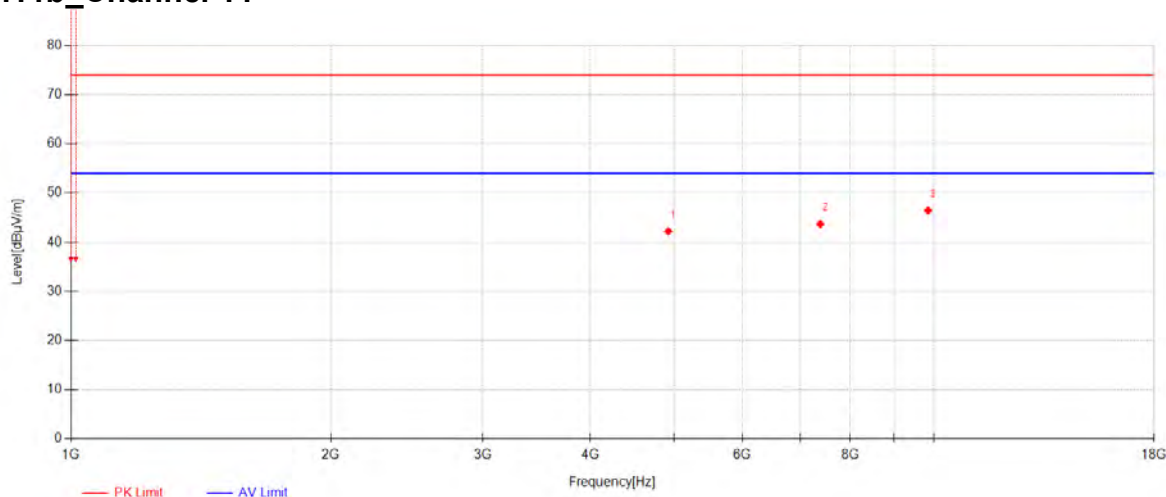
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802.11b Channel 11



Final 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	4924.0000	58.03	31.22	-47.04	42.21	74.00	31.79	112	222	Horizontal
2	7386.0000	52.55	36.26	-45.13	43.68	74.00	30.32	161	0	Horizontal
3	9848.0000	49.34	38.05	-40.95	46.44	74.00	27.56	133	196	Horizontal



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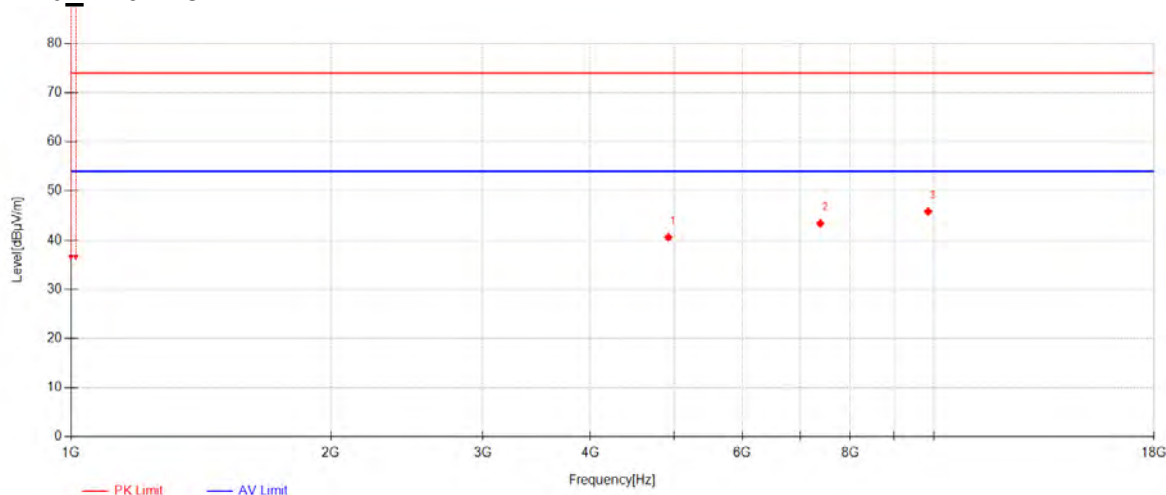
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	56.40	31.22	-47.04	40.58	74.00	33.42	386	184	Vertical
2	7386.0000	52.28	36.26	-45.13	43.41	74.00	30.59	281	196	Vertical
3	9848.0000	48.72	38.05	-40.95	45.82	74.00	28.18	108	185	Vertical



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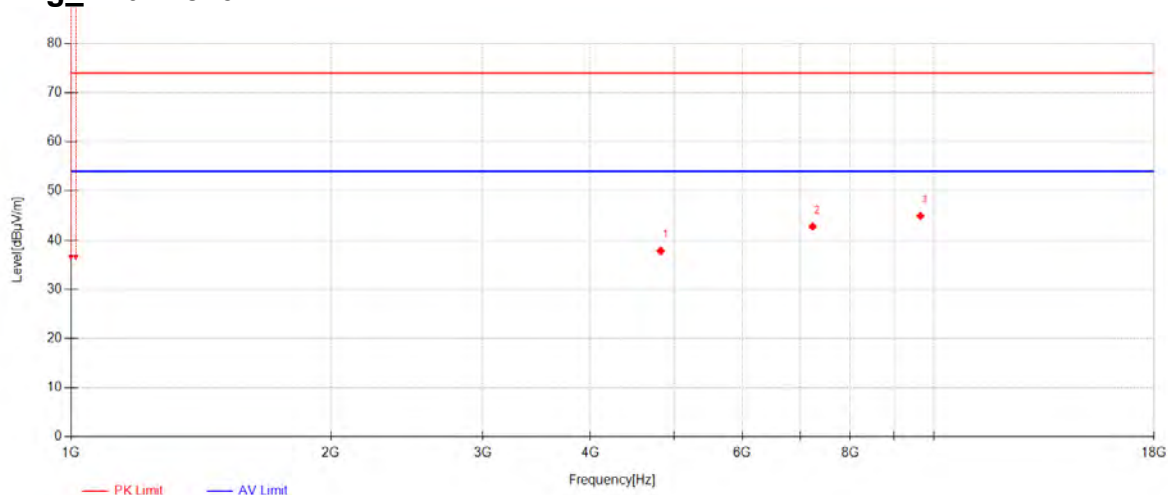
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	53.91	30.98	-47.08	37.81	74.00	36.19	196	225	Horizontal
2	7236.0000	52.11	36.08	-45.41	42.78	74.00	31.22	179	62	Horizontal
3	9648.0000	49.13	37.59	-41.80	44.92	74.00	29.08	287	8	Horizontal



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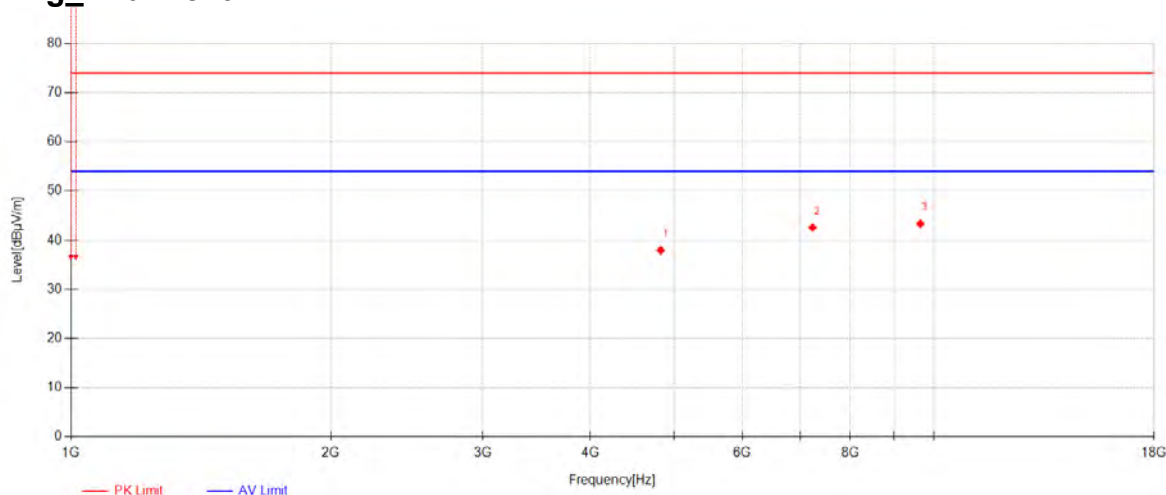
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	54.04	30.98	-47.08	37.94	74.00	36.06	226	1	Vertical
2	7236.0000	51.91	36.08	-45.41	42.58	74.00	31.42	295	116	Vertical
3	9648.0000	47.54	37.59	-41.80	43.33	74.00	30.67	154	211	Vertical



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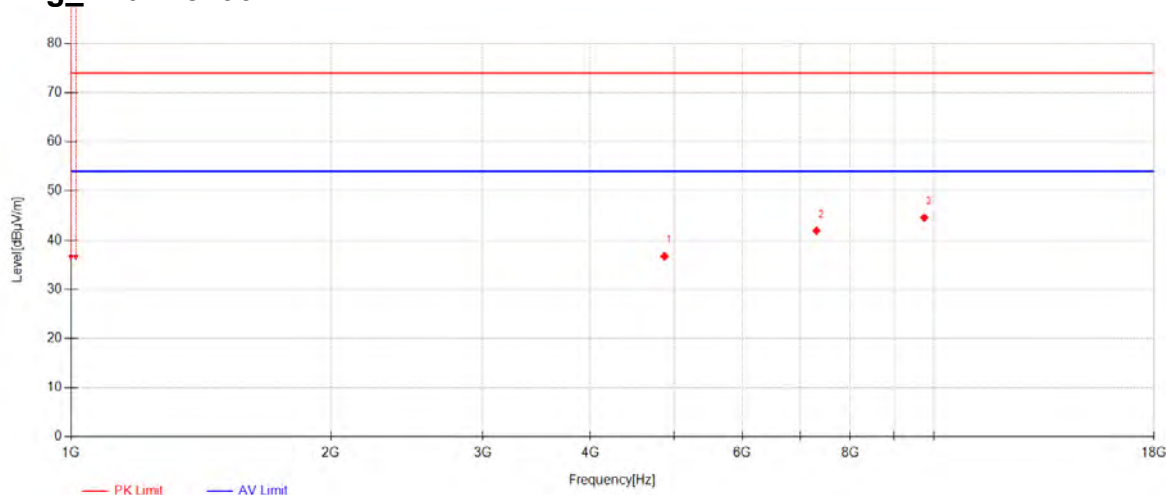
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	52.66	31.10	-47.02	36.74	74.00	37.26	205	113	Horizontal
2	7311.0000	51.20	36.17	-45.45	41.92	74.00	32.08	228	0	Horizontal
3	9748.0000	48.15	37.82	-41.41	44.56	74.00	29.44	161	294	Horizontal



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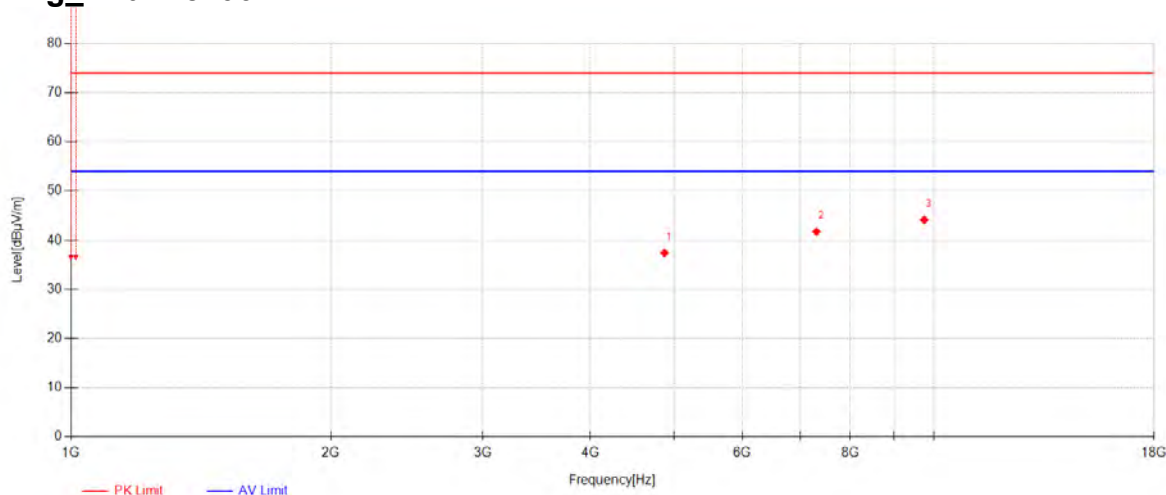
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	53.33	31.10	-47.02	37.41	74.00	36.59	221	91	Vertical
2	7311.0000	50.99	36.17	-45.45	41.71	74.00	32.29	375	334	Vertical
3	9748.0000	47.70	37.82	-41.41	44.11	74.00	29.89	171	183	Vertical



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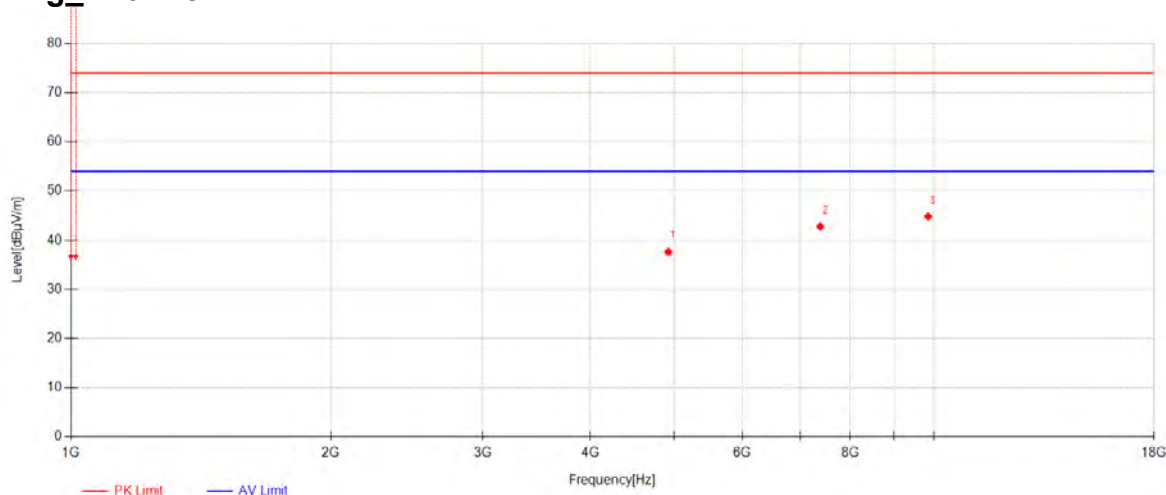
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	53.42	31.22	-47.04	37.60	74.00	36.40	253	224	Horizontal
2	7386.0000	51.64	36.26	-45.13	42.77	74.00	31.23	365	199	Horizontal
3	9848.0000	47.73	38.05	-40.95	44.83	74.00	29.17	212	199	Horizontal



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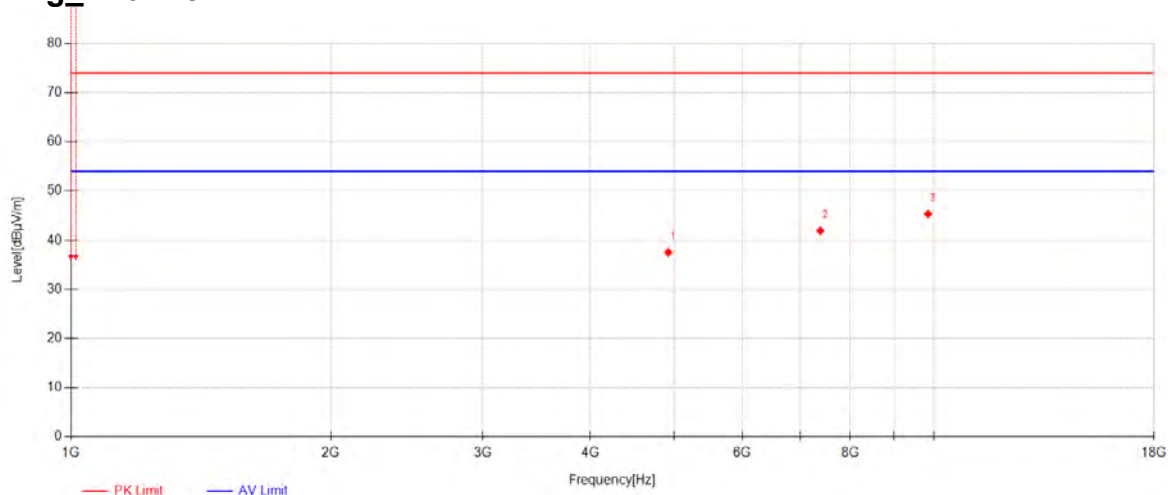
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	53.34	31.22	-47.04	37.52	74.00	36.48	327	104	Vertical
2	7386.0000	50.78	36.26	-45.13	41.91	74.00	32.09	212	171	Vertical
3	9848.0000	48.21	38.05	-40.95	45.31	74.00	28.69	342	0	Vertical



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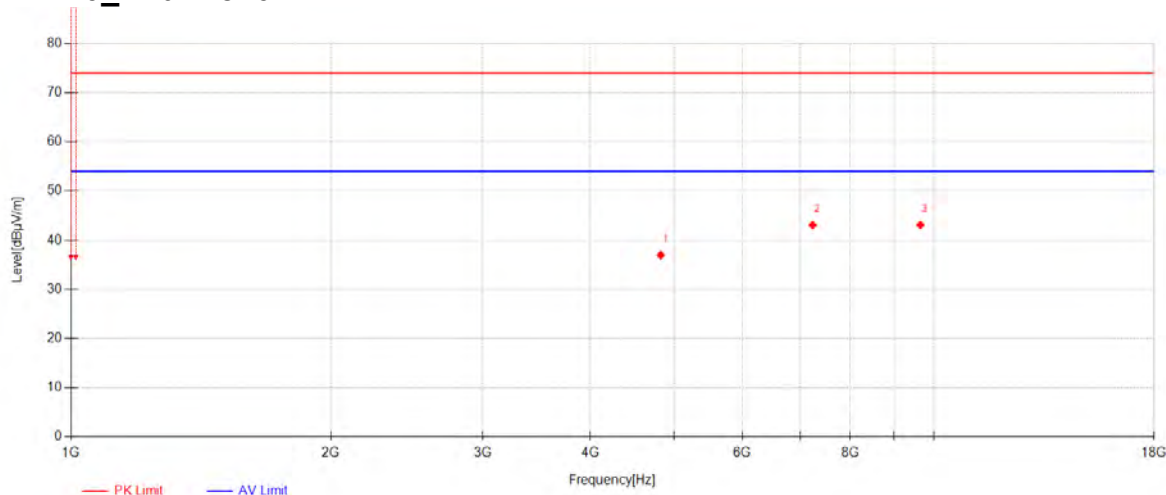
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	53.10	30.98	-47.08	37.00	74.00	37.00	114	293	Horizontal
2	7236.0000	52.39	36.08	-45.41	43.06	74.00	30.94	152	123	Horizontal
3	9648.0000	47.31	37.59	-41.80	43.10	74.00	30.90	189	84	Horizontal



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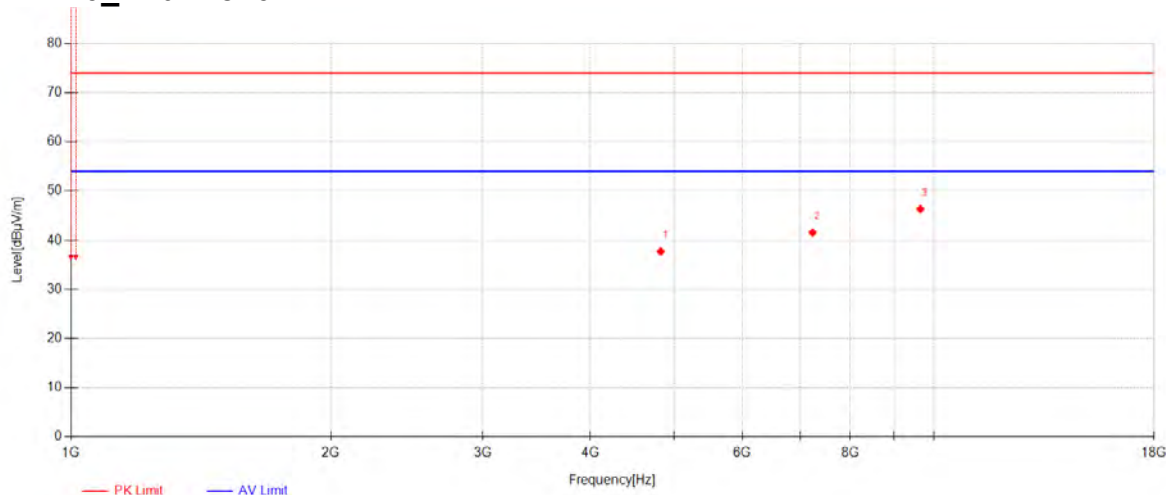
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	53.79	30.98	-47.08	37.69	74.00	36.31	268	157	Vertical
2	7236.0000	50.86	36.08	-45.41	41.53	74.00	32.47	153	267	Vertical
3	9648.0000	50.52	37.59	-41.80	46.31	74.00	27.69	369	0	Vertical



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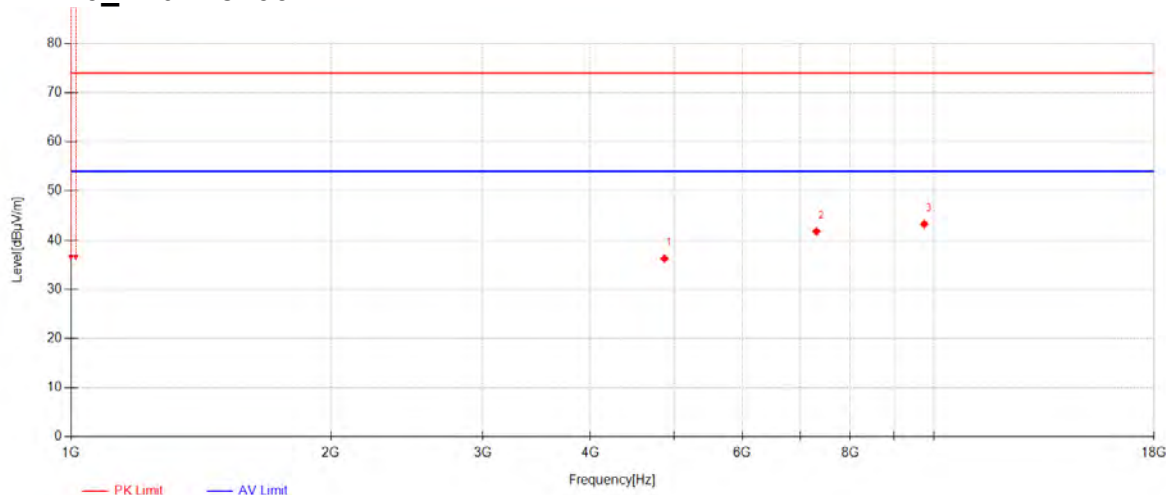
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1	4874.0000	52.17	31.10	-47.02	36.25	74.00	37.75	244	67	Horizontal
2	7311.0000	51.06	36.17	-45.45	41.78	74.00	32.22	181	305	Horizontal
3	9748.0000	46.87	37.82	-41.41	43.28	74.00	30.72	256	40	Horizontal



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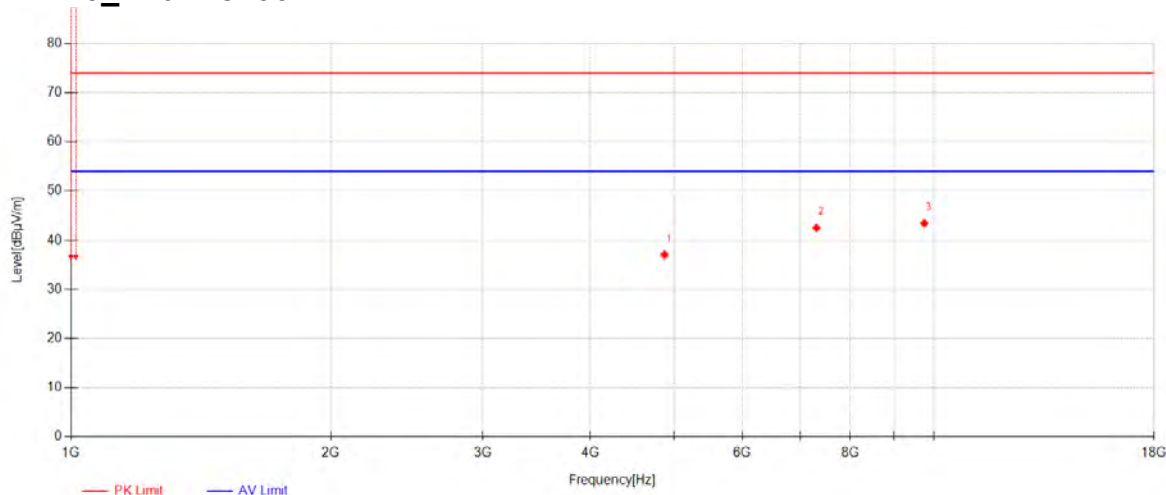
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	52.98	31.10	-47.02	37.06	74.00	36.94	264	309	Vertical
2	7311.0000	51.77	36.17	-45.45	42.49	74.00	31.51	289	280	Vertical
3	9748.0000	47.03	37.82	-41.41	43.44	74.00	30.56	148	7	Vertical



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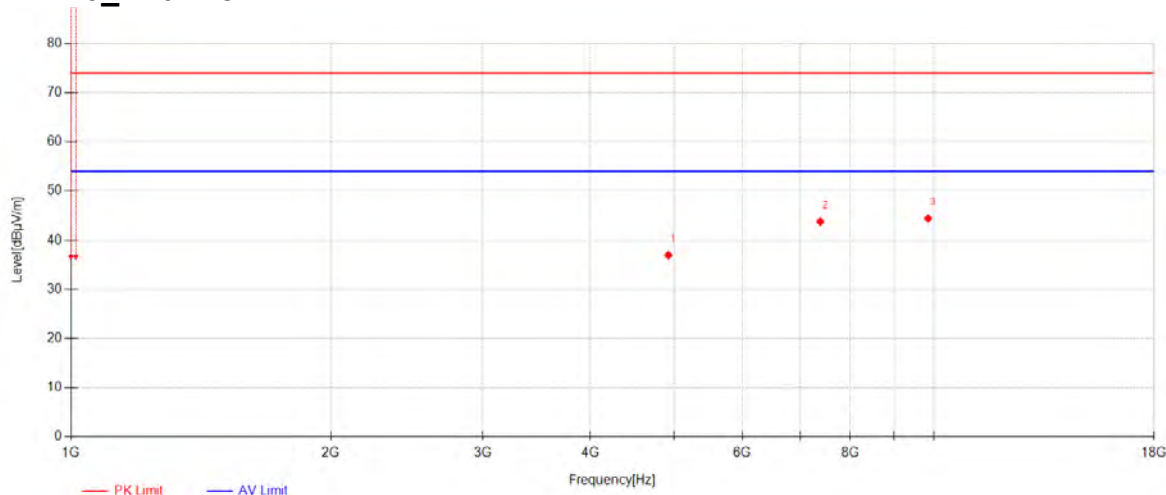
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802.11n20_Channel 11



Final 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	4924.0000	52.80	31.22	-47.04	36.98	74.00	37.02	287	240	Horizontal
2	7386.0000	52.64	36.26	-45.13	43.77	74.00	30.23	336	226	Horizontal
3	9848.0000	47.30	38.05	-40.95	44.40	74.00	29.60	216	0	Horizontal



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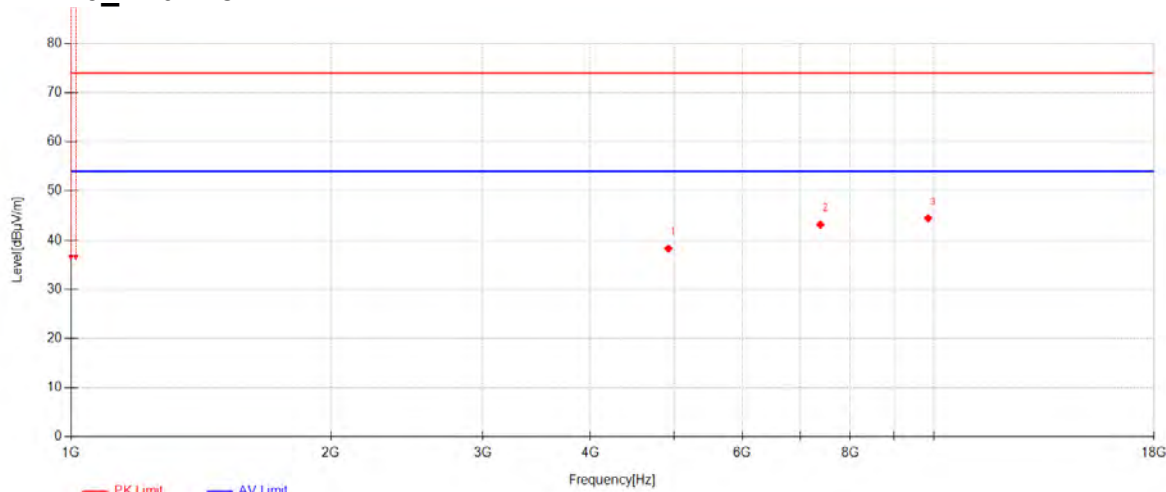
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802.11n20_Channel 11



Final 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	4924.0000	54.11	31.22	-47.04	38.29	74.00	35.71	209	305	Vertical
2	7386.0000	52.04	36.26	-45.13	43.17	74.00	30.83	158	48	Vertical
3	9848.0000	47.35	38.05	-40.95	44.45	74.00	29.55	253	236	Vertical



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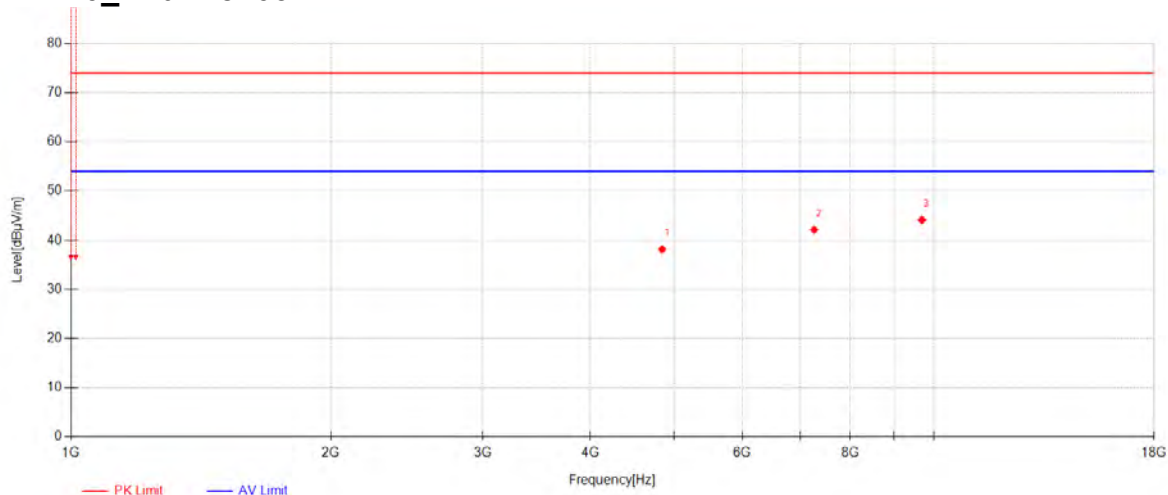
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802.11n40_Channel 03



Final 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	4844.0000	54.16	31.03	-47.06	38.13	74.00	35.87	306	211	Horizontal
2	7266.0000	51.44	36.12	-45.45	42.11	74.00	31.89	268	36	Horizontal
3	9688.0000	48.02	37.68	-41.62	44.08	74.00	29.92	183	356	Horizontal



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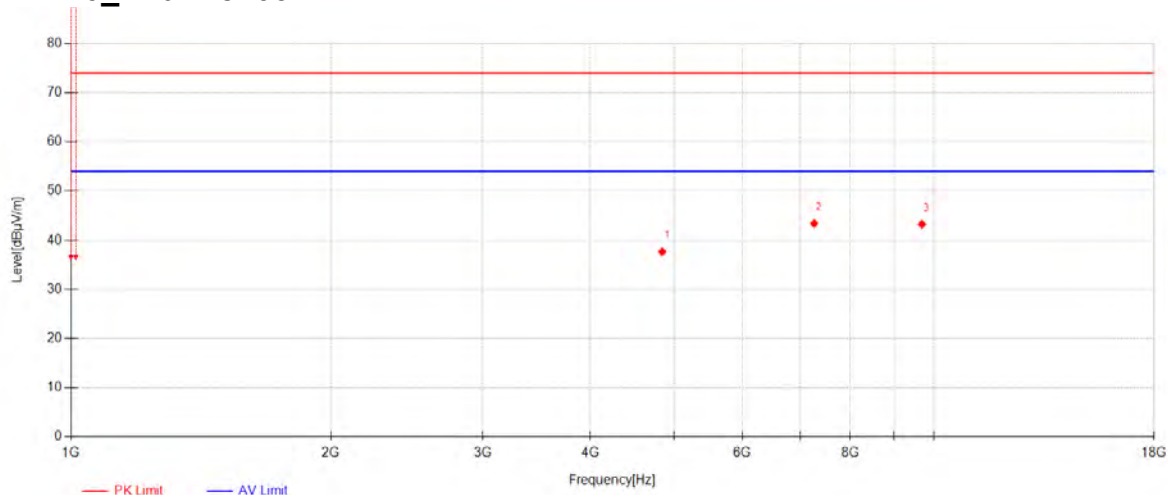
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802.11n40_Channel 03



Final 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	4844.0000	53.66	31.03	-47.06	37.63	74.00	36.37	166	212	Vertical
2	7266.0000	52.73	36.12	-45.45	43.40	74.00	30.60	195	6	Vertical
3	9688.0000	47.20	37.68	-41.62	43.26	74.00	30.74	118	226	Vertical



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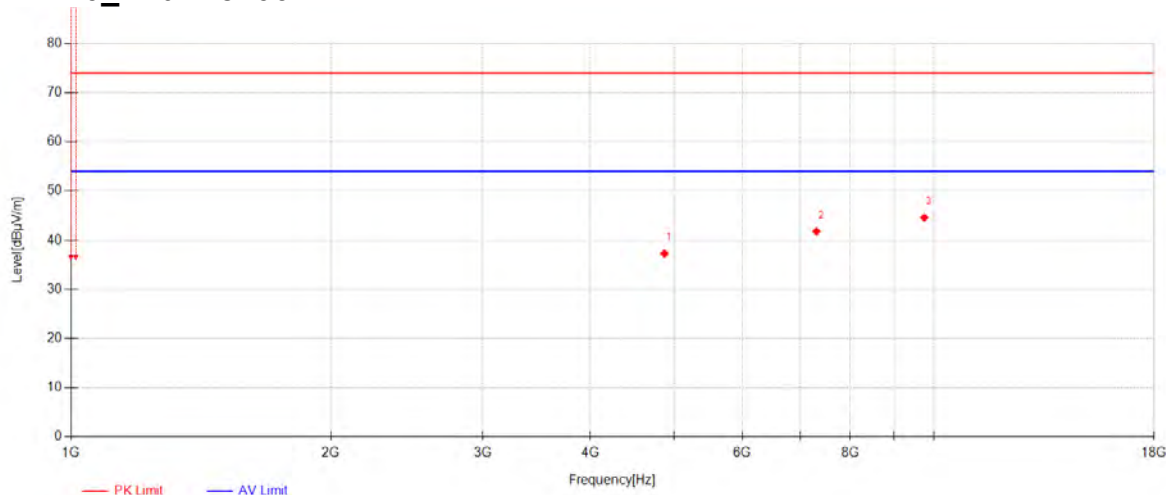


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802.11n40_Channel 06



Final 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	4874.0000	53.20	31.10	-47.02	37.28	74.00	36.72	345	287	Horizontal
2	7311.0000	51.06	36.17	-45.45	41.78	74.00	32.22	310	136	Horizontal
3	9748.0000	48.16	37.82	-41.41	44.57	74.00	29.43	218	0	Horizontal



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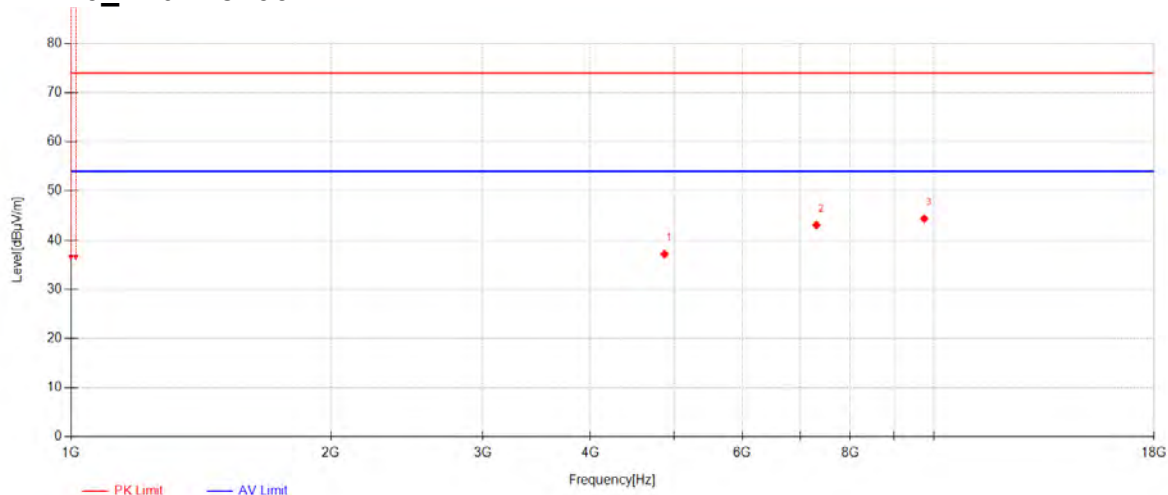
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802.11n40_Channel 06



Final 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	4874.0000	53.08	31.10	-47.02	37.16	74.00	36.84	296	169	Vertical
2	7311.0000	52.36	36.17	-45.45	43.08	74.00	30.92	118	2	Vertical
3	9748.0000	47.94	37.82	-41.41	44.35	74.00	29.65	241	208	Vertical



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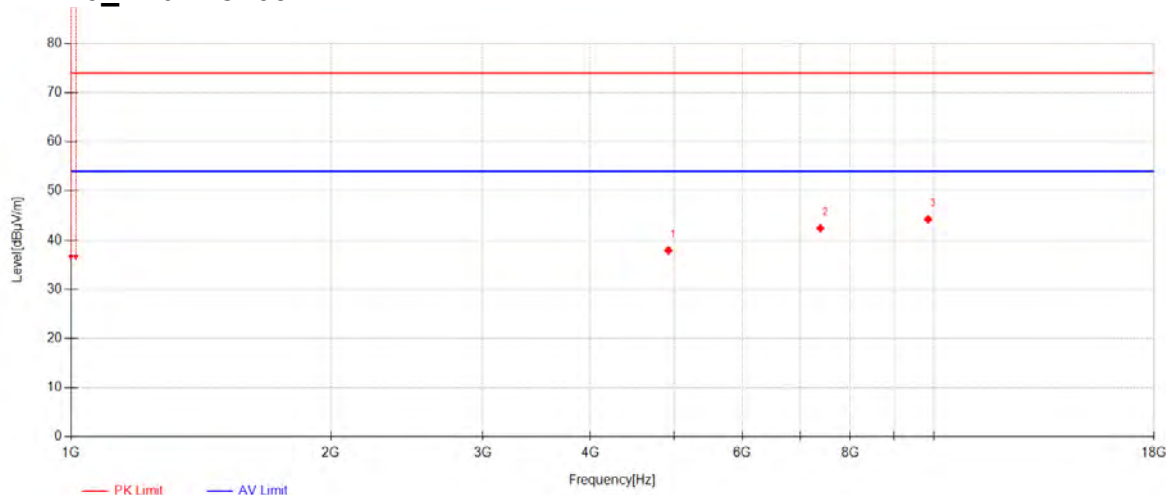
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802.11n40_Channel 09



Final 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	4924.0000	53.73	31.22	-47.04	37.91	74.00	36.09	283	276	Horizontal
2	7386.0000	51.28	36.26	-45.13	42.41	74.00	31.59	209	307	Horizontal
3	9848.0000	47.13	38.05	-40.95	44.23	74.00	29.77	158	224	Horizontal



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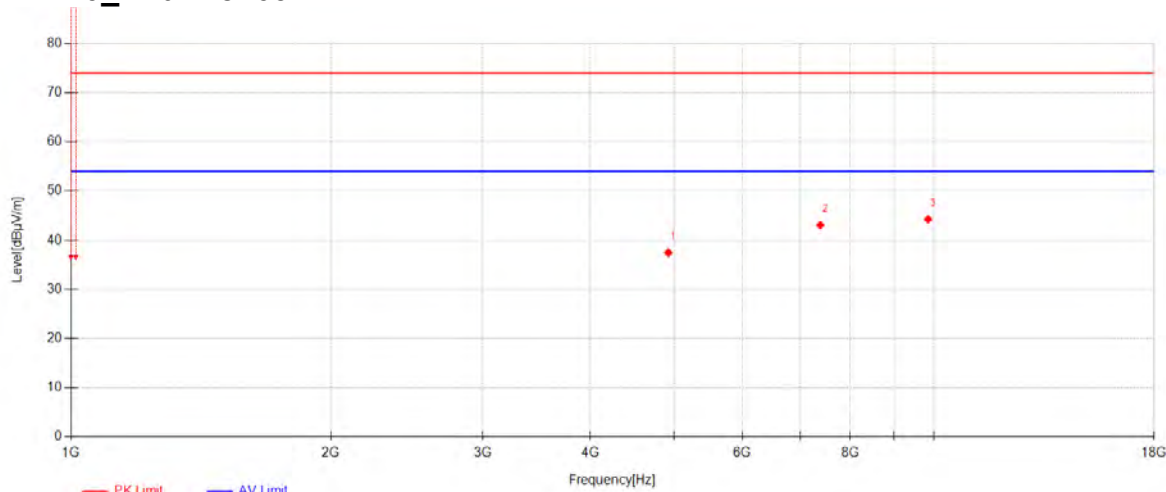
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802.11n40_Channel 09



Final 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	4924.0000	53.28	31.22	-47.04	37.46	74.00	36.54	313	3	Vertical
2	7386.0000	51.94	36.26	-45.13	43.07	74.00	30.93	256	337	Vertical
3	9848.0000	47.14	38.05	-40.95	44.24	74.00	29.76	124	288	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:

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

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

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

$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V/m}) - \text{Level}(\text{dB}\mu\text{V/m})$$
- 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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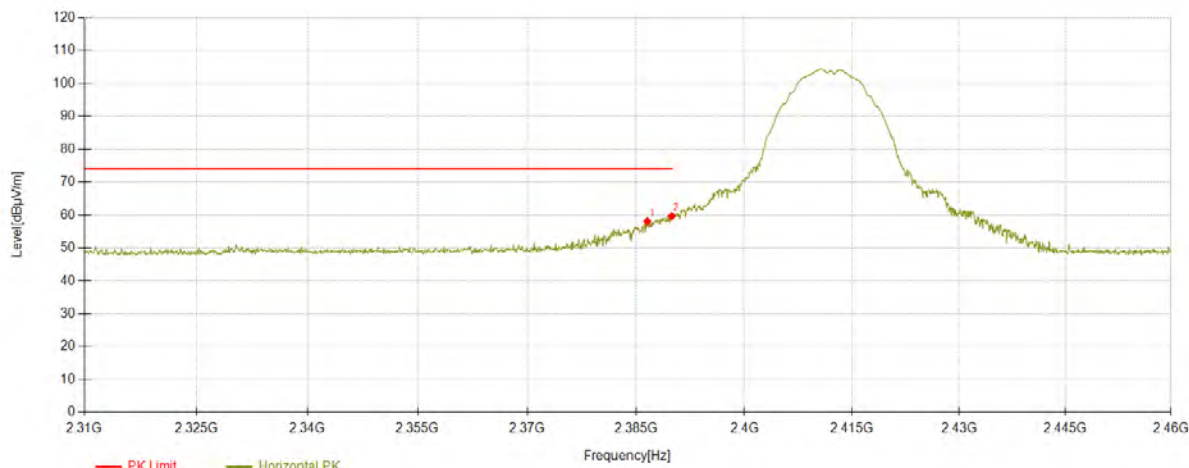


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Restricted bands around fundamental frequency

802.11b_Channel 01



Final 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	2386.5383	56.62	27.13	-25.71	58.04	74.00	15.96	113	328	Horizontal
2	2389.915	58.20	27.14	-25.70	59.64	74.00	14.36	113	328	Horizontal



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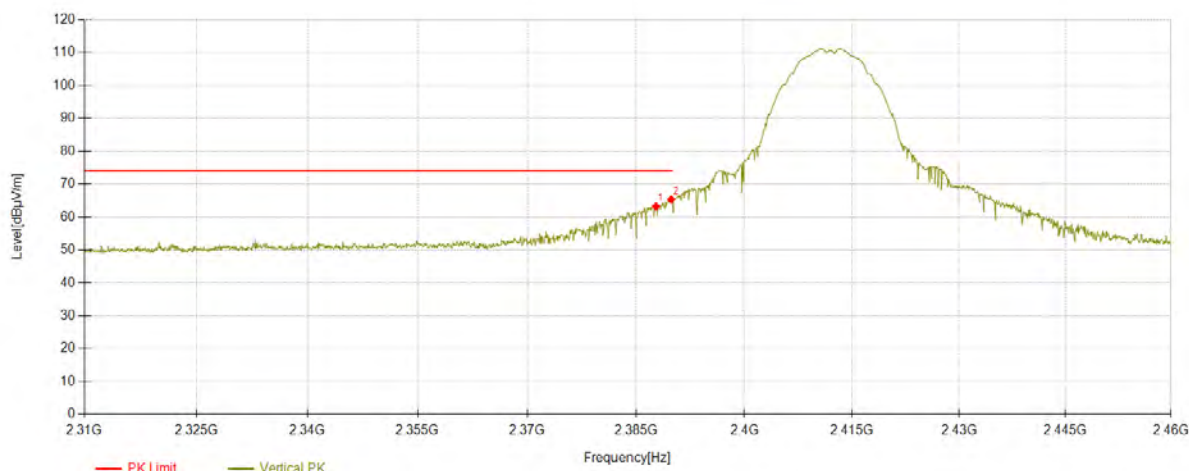
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802.11b_Channel 01



Final 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	2387.7389	61.78	27.13	-25.71	63.20	74.00	10.80	125	99	Vertical
2	2389.8399	63.92	27.14	-25.70	65.36	74.00	8.64	125	99	Vertical



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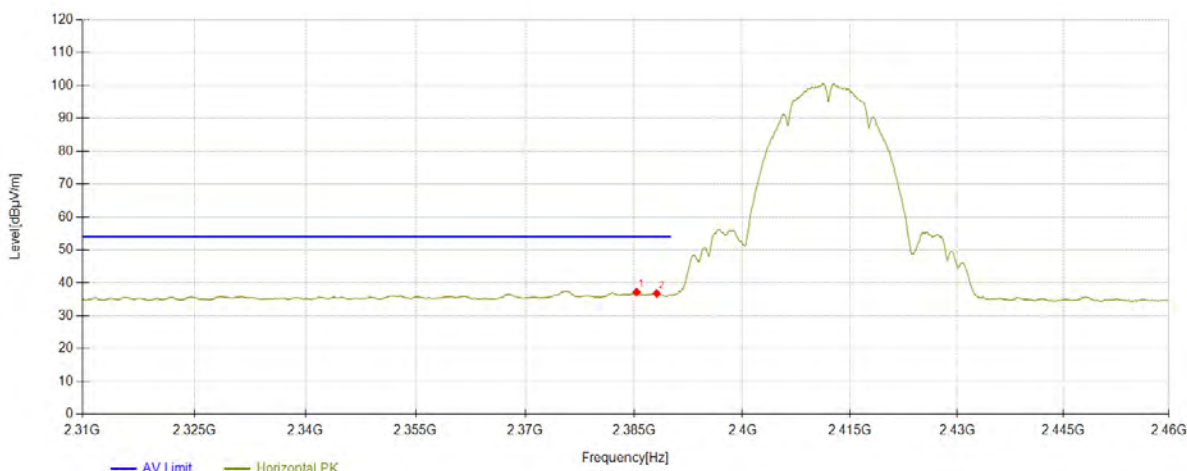
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802.11b_Channel 01



Final 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	35.75	27.12	-25.71	37.16	54.00	16.84	113	328	Horizontal
2	2388.1141	35.34	27.13	-25.70	36.77	54.00	17.23	113	328	Horizontal



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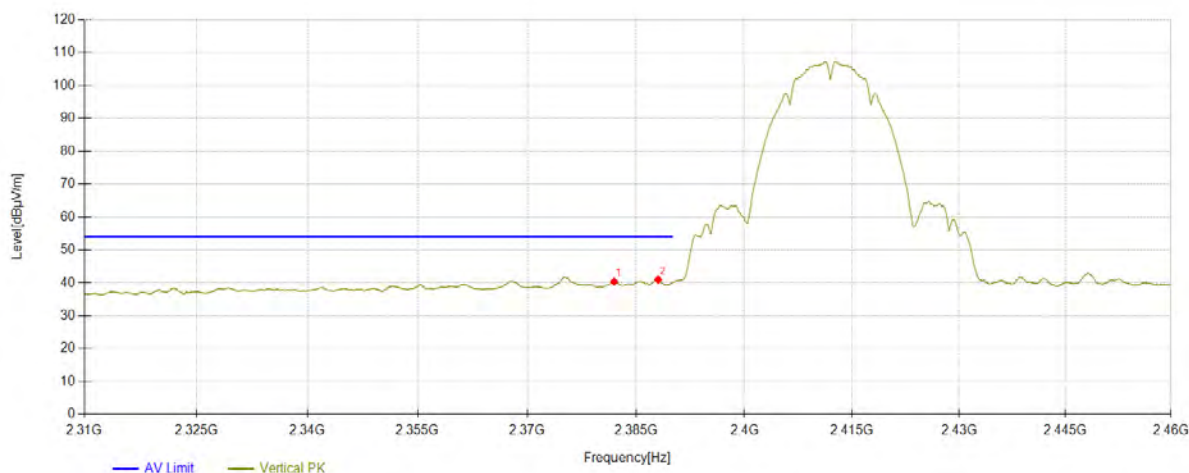
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2381.961	38.98	27.12	-25.72	40.38	54.00	13.62	125	99	Vertical
2	2388.039	39.59	27.13	-25.71	41.01	54.00	12.99	125	99	Vertical



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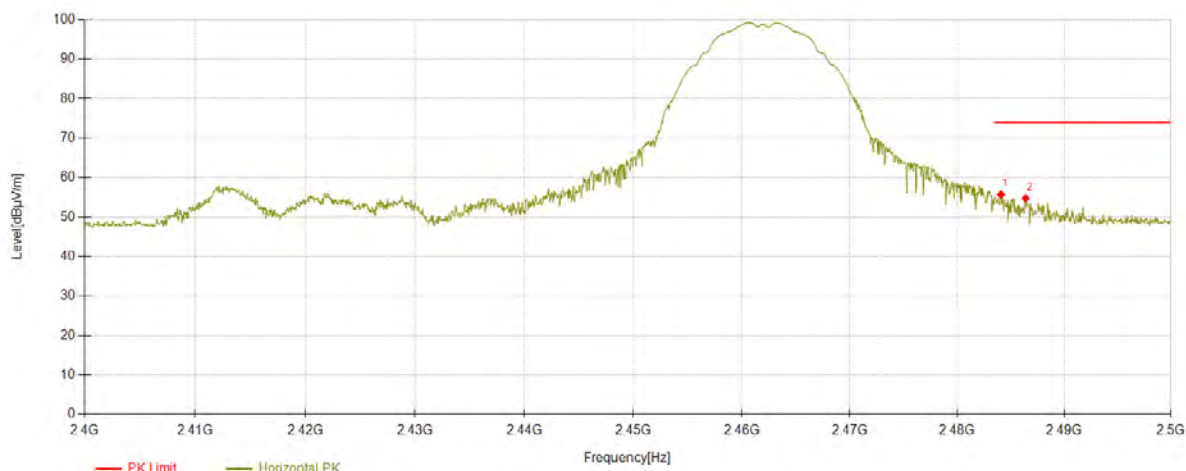
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.092	53.48	27.36	-25.14	55.70	74.00	18.30	126	297	Horizontal
2	2486.3932	52.50	27.37	-25.13	54.74	74.00	19.26	126	297	Horizontal



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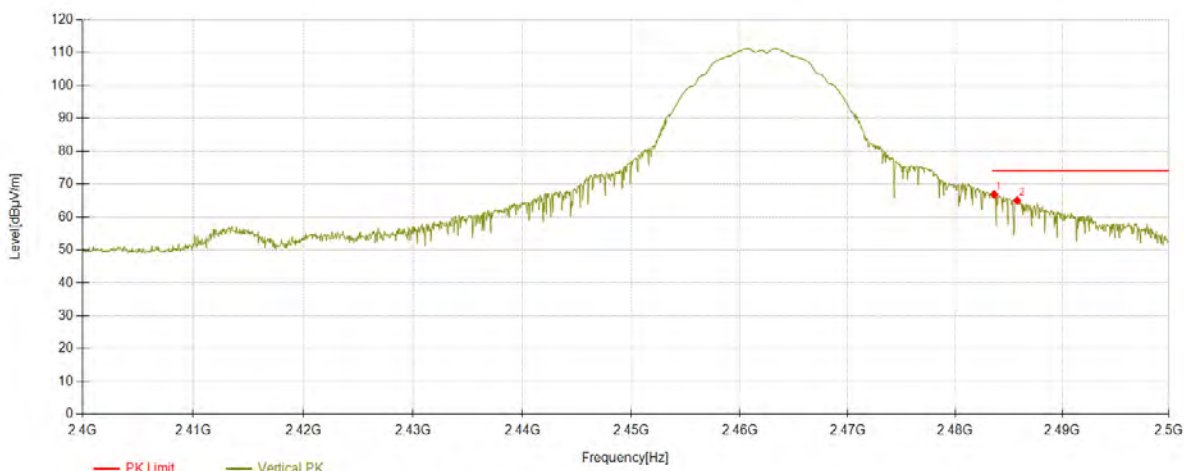
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1	2483.6418	64.69	27.36	-25.14	66.91	74.00	7.09	135	103	Vertical
2	2485.7929	62.80	27.37	-25.13	65.04	74.00	8.96	135	103	Vertical



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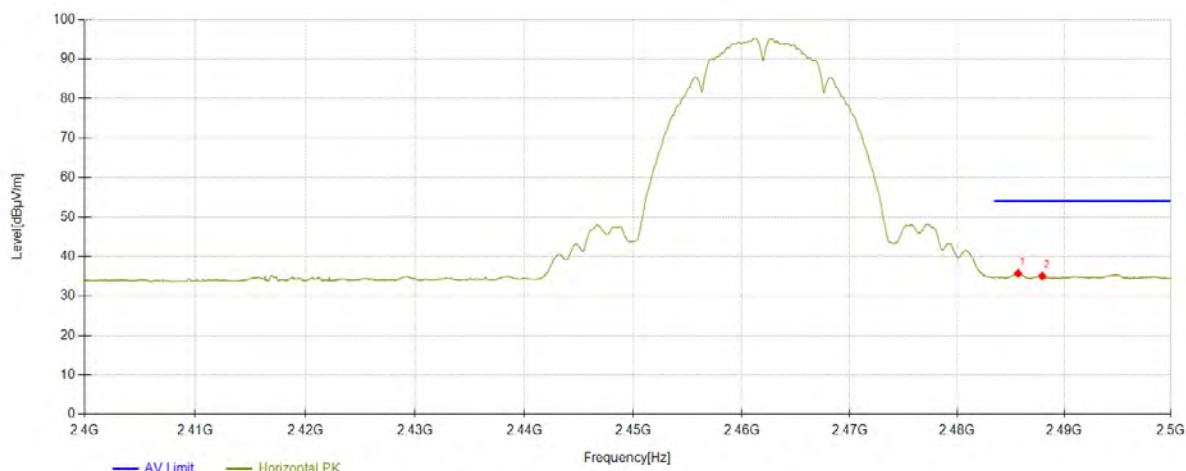
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1	2485.6928	33.46	27.37	-25.13	35.70	54.00	18.30	126	297	Horizontal
2	2487.944	32.79	27.37	-25.12	35.04	54.00	18.96	126	297	Horizontal



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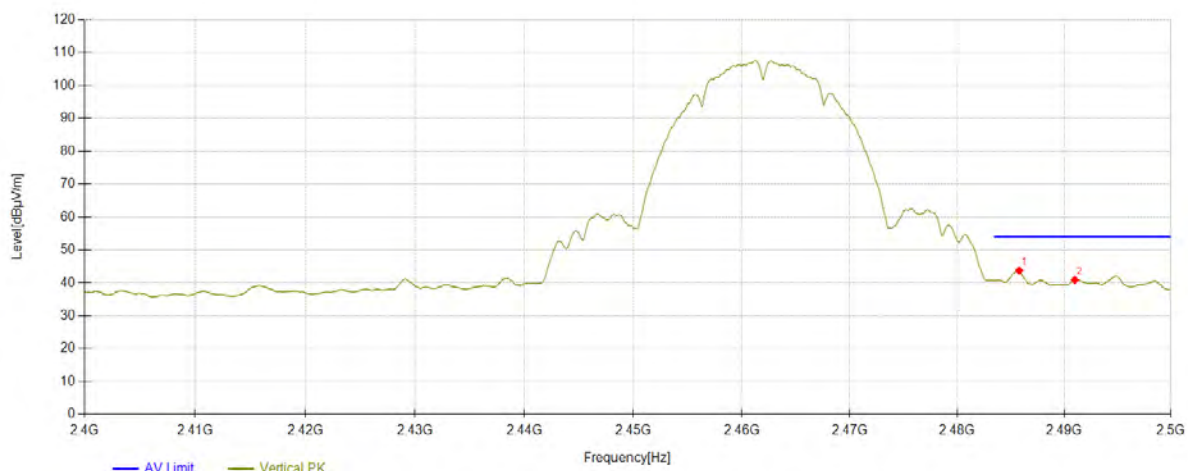
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1	2485.7929	41.47	27.37	-25.13	43.71	54.00	10.29	135	103	Vertical
2	2490.9955	38.64	27.38	-25.10	40.92	54.00	13.08	135	103	Vertical



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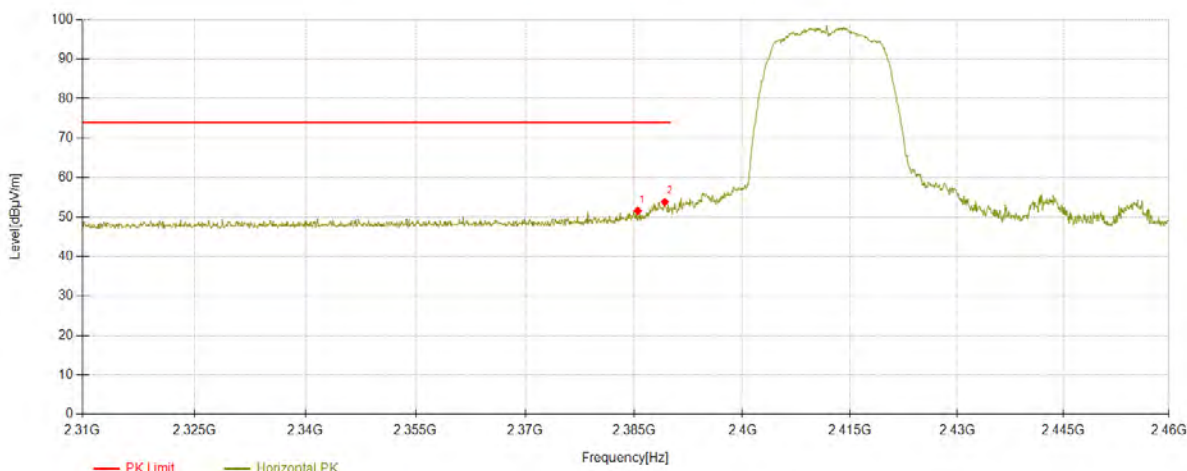
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1	2385.4877	50.18	27.13	-25.71	51.60	74.00	22.40	154	313	Horizontal
2	2389.2396	52.34	27.13	-25.70	53.77	74.00	20.23	154	313	Horizontal



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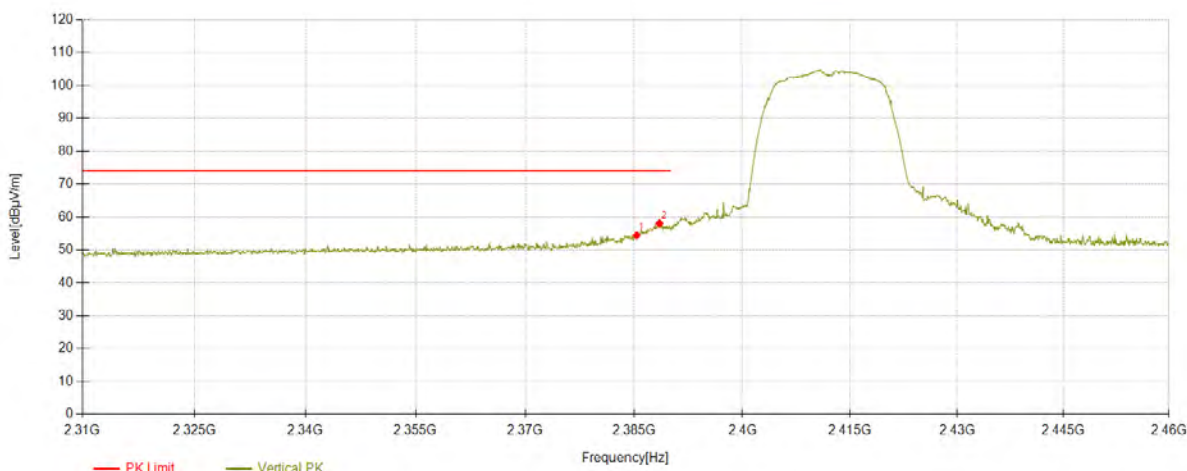
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Final Data List

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1	2385.3377	53.04	27.12	-25.71	54.45	74.00	19.55	128	314	Vertical
2	2388.4892	56.61	27.13	-25.70	58.04	74.00	15.96	128	314	Vertical



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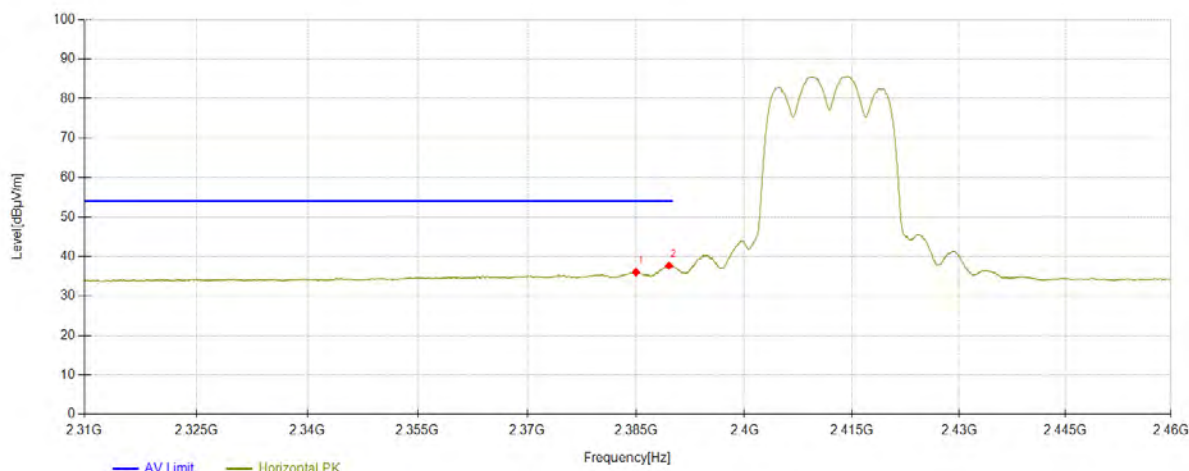
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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.9625	34.60	27.12	-25.71	36.01	54.00	17.99	154	313	Horizontal
2	2389.5398	36.26	27.13	-25.70	37.69	54.00	16.31	154	313	Horizontal



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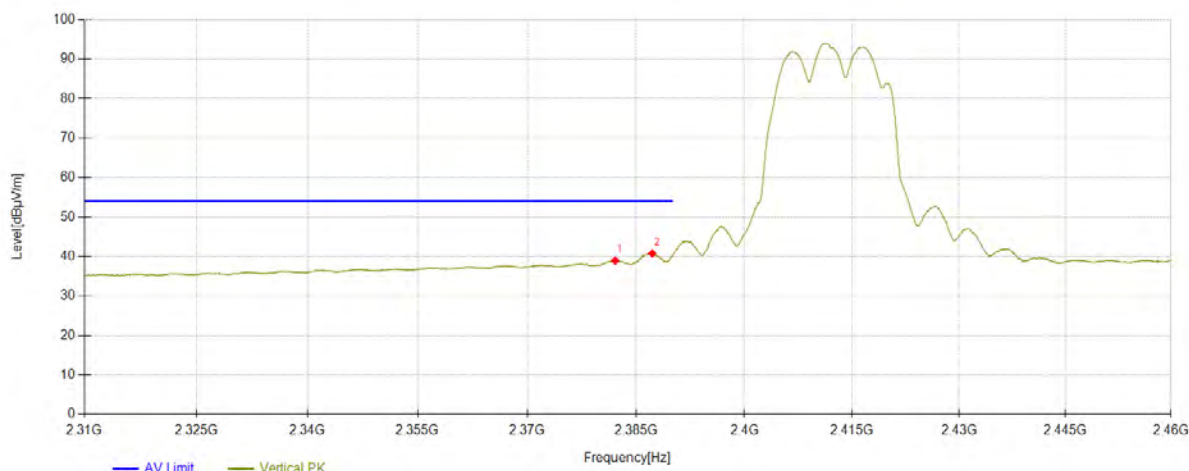
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1	2382.1111	37.56	27.12	-25.72	38.96	54.00	15.04	128	314	Vertical
2	2387.2136	39.36	27.13	-25.71	40.78	54.00	13.22	128	314	Vertical



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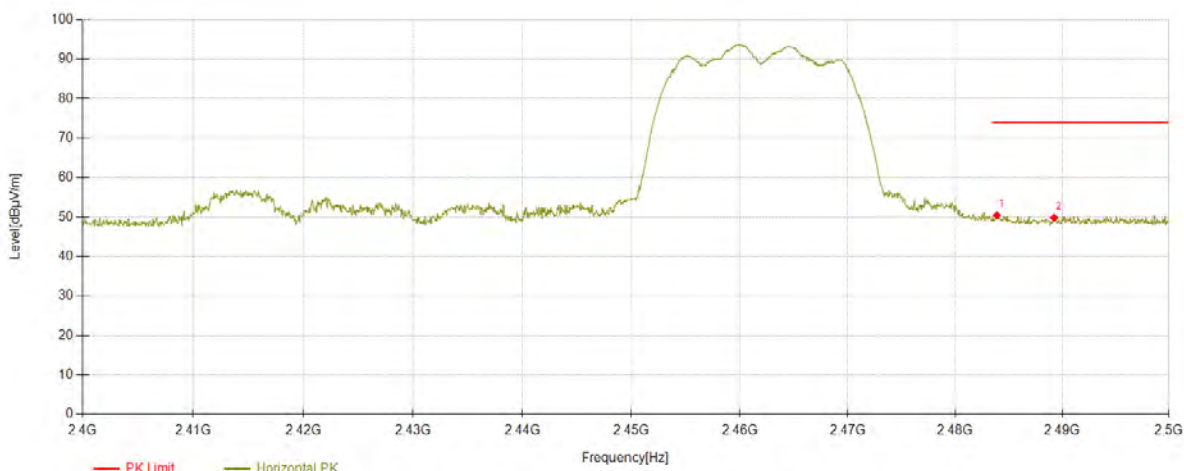
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1	2483.8919	48.19	27.36	-25.14	50.41	74.00	23.59	176	12	Horizontal
2	2489.2446	47.55	27.37	-25.11	49.81	74.00	24.19	176	12	Horizontal



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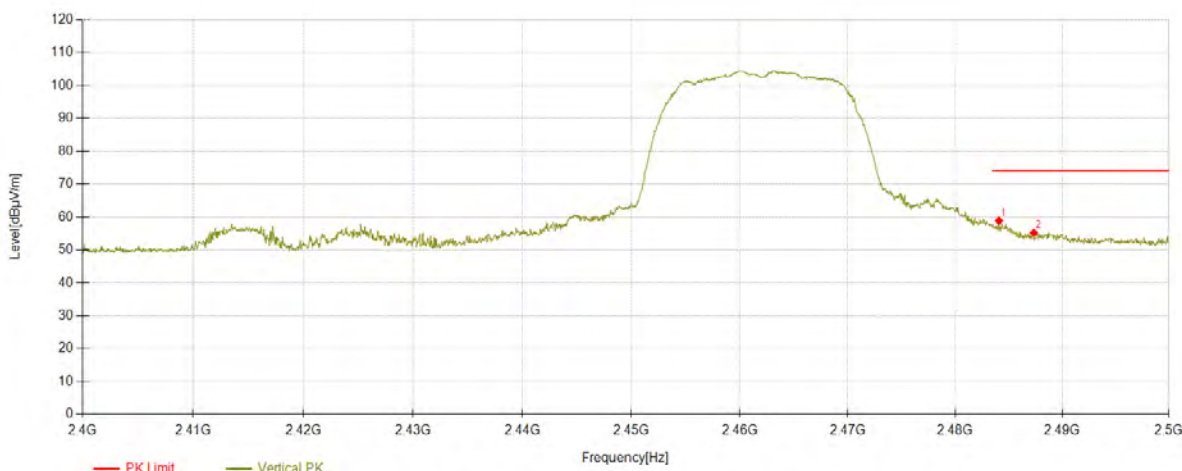
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1	2484.092	56.59	27.36	-25.14	58.81	74.00	15.19	145	123	Vertical
2	2487.3437	52.98	27.37	-25.12	55.23	74.00	18.77	145	123	Vertical



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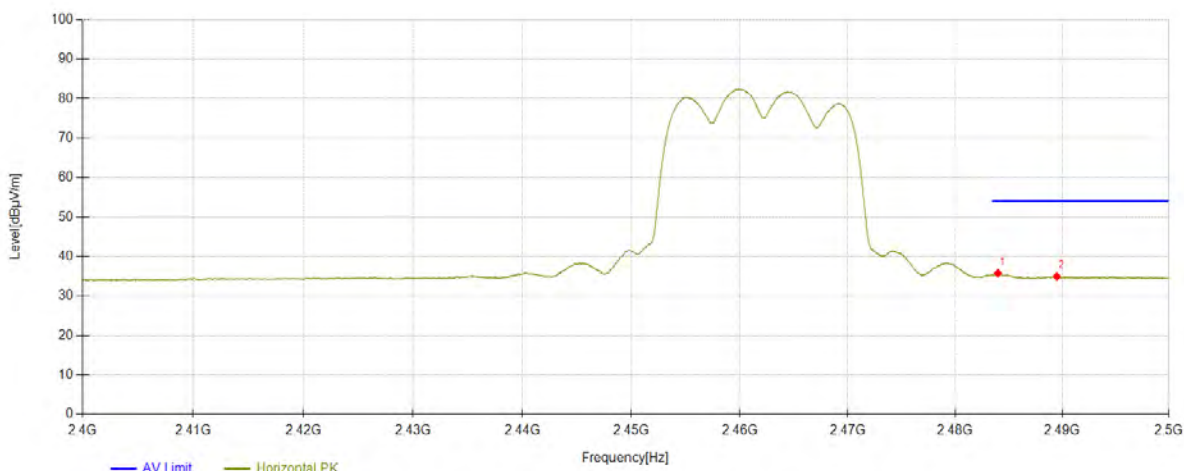
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1	2483.992	33.53	27.36	-25.14	35.75	54.00	18.25	176	12	Horizontal
2	2489.4947	32.68	27.37	-25.11	34.94	54.00	19.06	176	12	Horizontal



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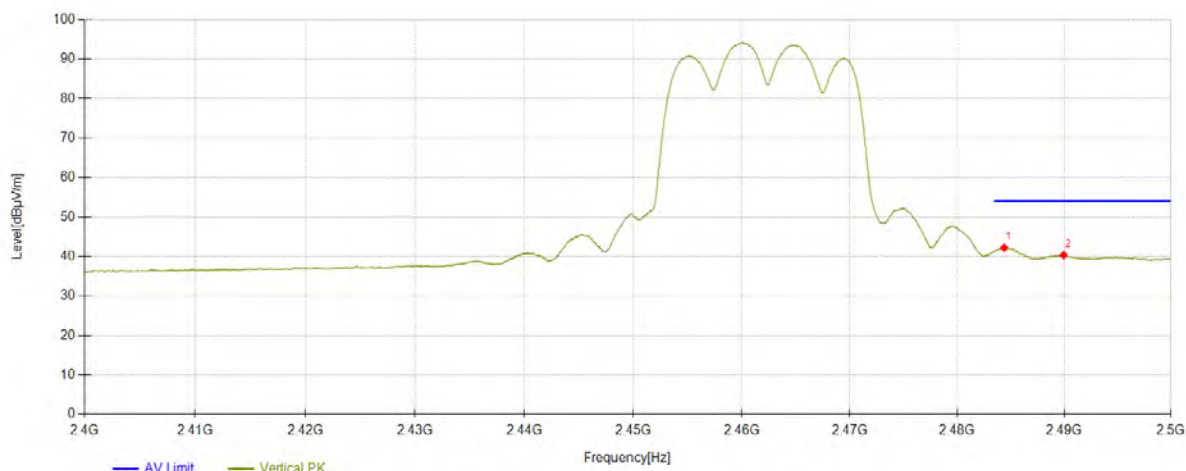
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802.11g_Channel 11



Final 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	2484.3922	40.02	27.36	-25.14	42.24	54.00	11.76	145	123	Vertical
2	2489.945	38.08	27.38	-25.10	40.36	54.00	13.64	145	123	Vertical



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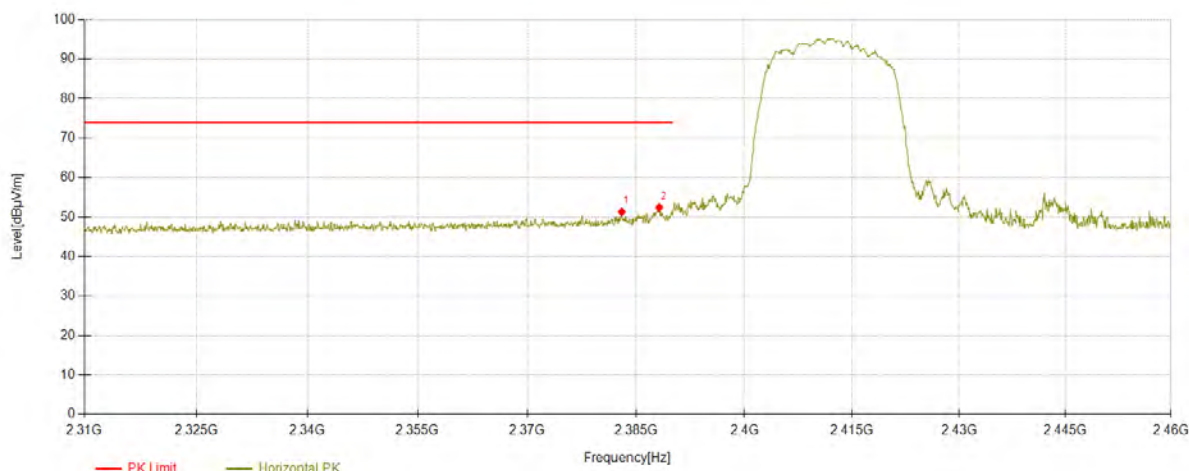
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802.11n20_Channel 01



Final 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	2383.0115	49.93	27.12	-25.72	51.33	74.00	22.67	317	336	Horizontal
2	2388.1891	51.00	27.13	-25.70	52.43	74.00	21.57	317	336	Horizontal



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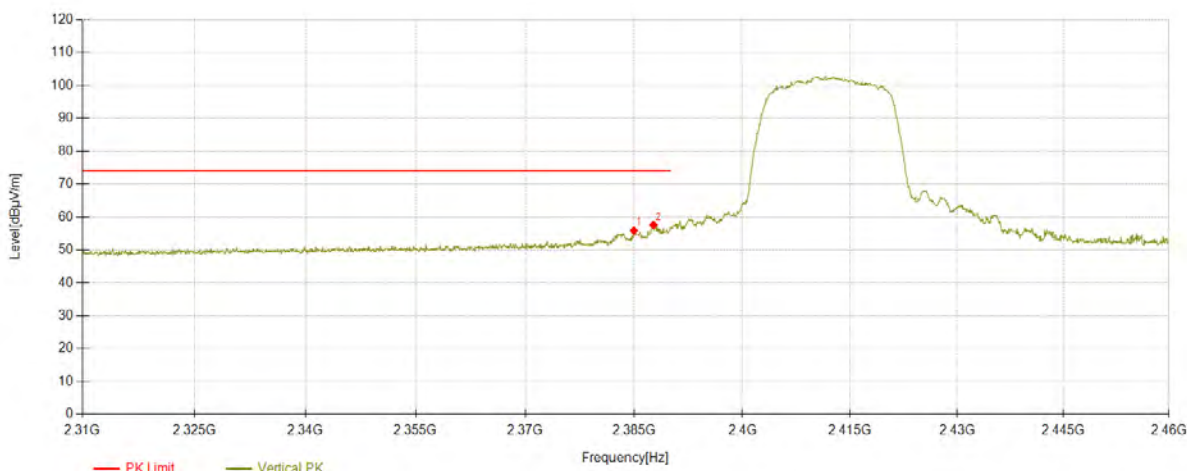
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.9625	54.49	27.12	-25.71	55.90	74.00	18.10	127	265	Vertical
2	2387.6638	56.17	27.13	-25.71	57.59	74.00	16.41	127	265	Vertical



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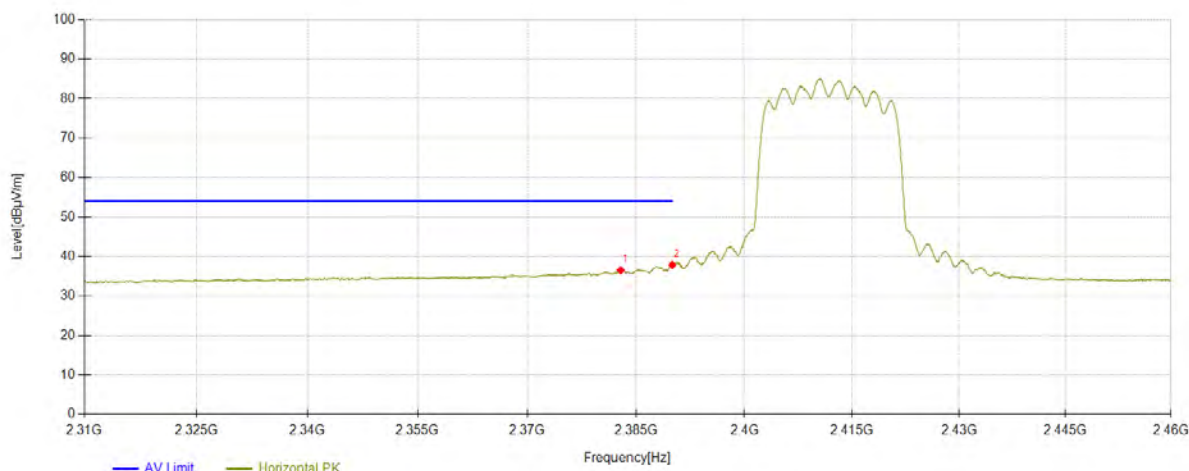
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2382.8614	35.12	27.12	-25.72	36.52	54.00	17.48	317	336	Horizontal
2	2389.99	36.44	27.14	-25.70	37.88	54.00	16.12	317	336	Horizontal



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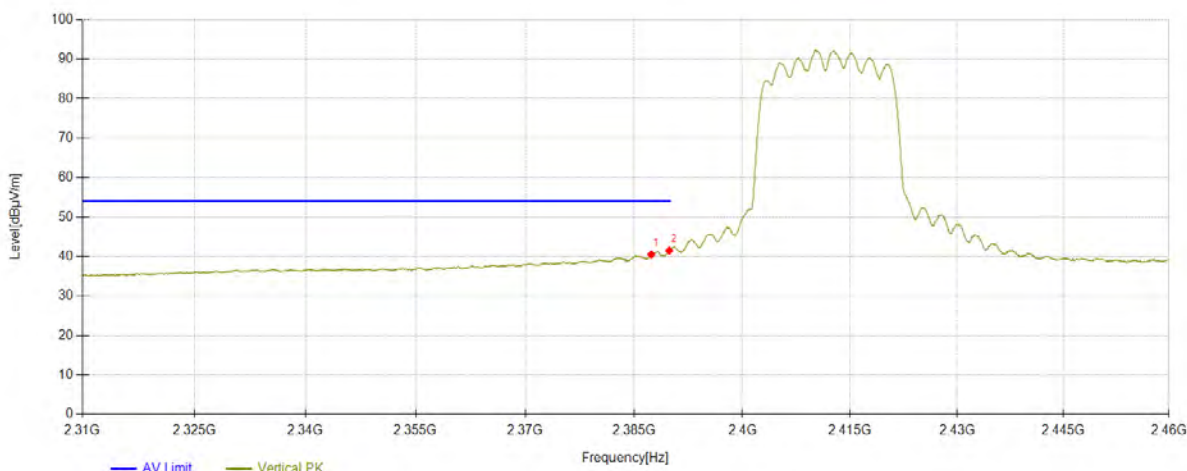
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Final Data List										
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1	2387.3637	39.08	27.13	-25.71	40.50	54.00	13.50	127	265	Vertical
2	2389.8399	40.06	27.14	-25.70	41.50	54.00	12.50	127	265	Vertical



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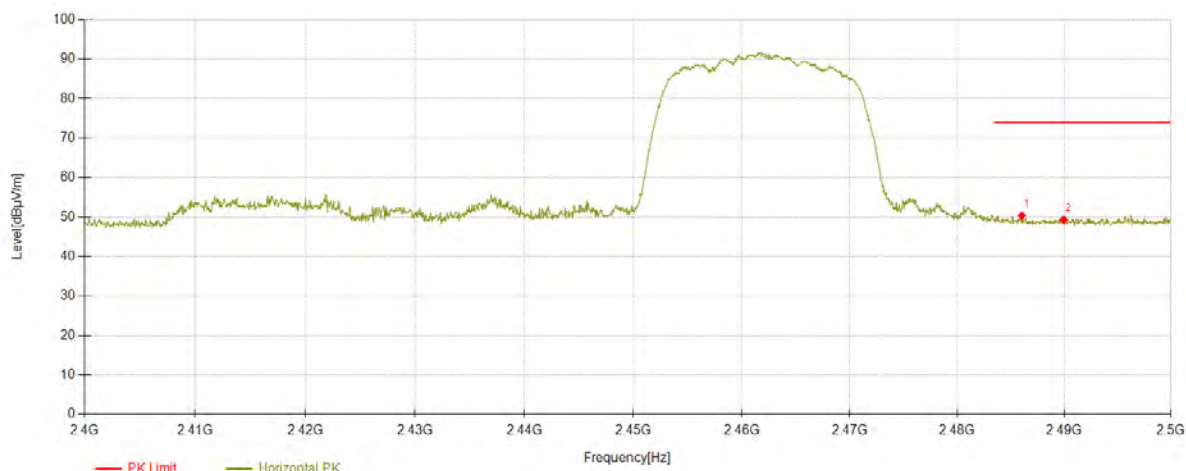
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2486.043	48.12	27.37	-25.13	50.36	74.00	23.64	191	15	Horizontal
2	2489.945	47.03	27.38	-25.10	49.31	74.00	24.69	191	15	Horizontal



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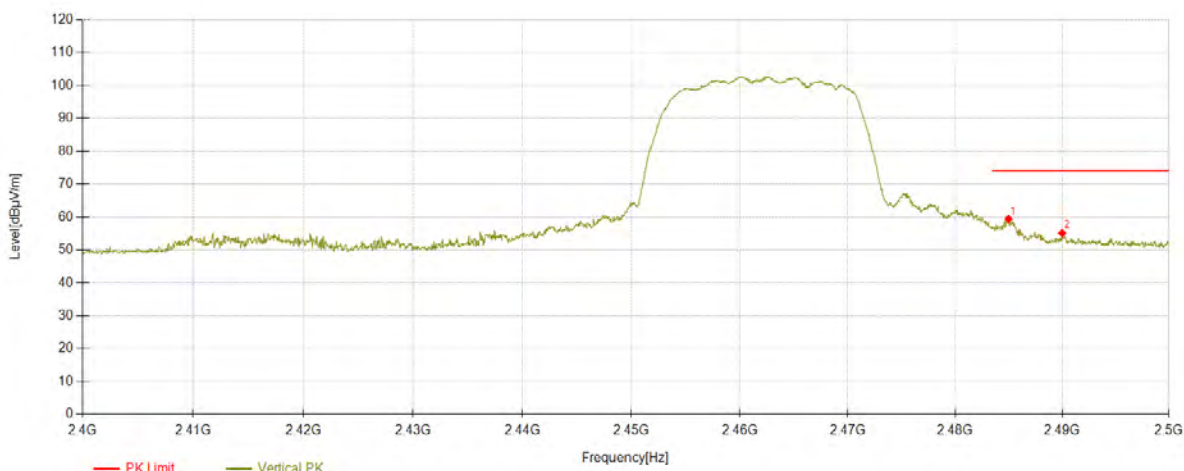
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.9925	57.15	27.36	-25.14	59.37	74.00	14.63	152	134	Vertical
2	2489.995	52.84	27.38	-25.10	55.12	74.00	18.88	152	134	Vertical



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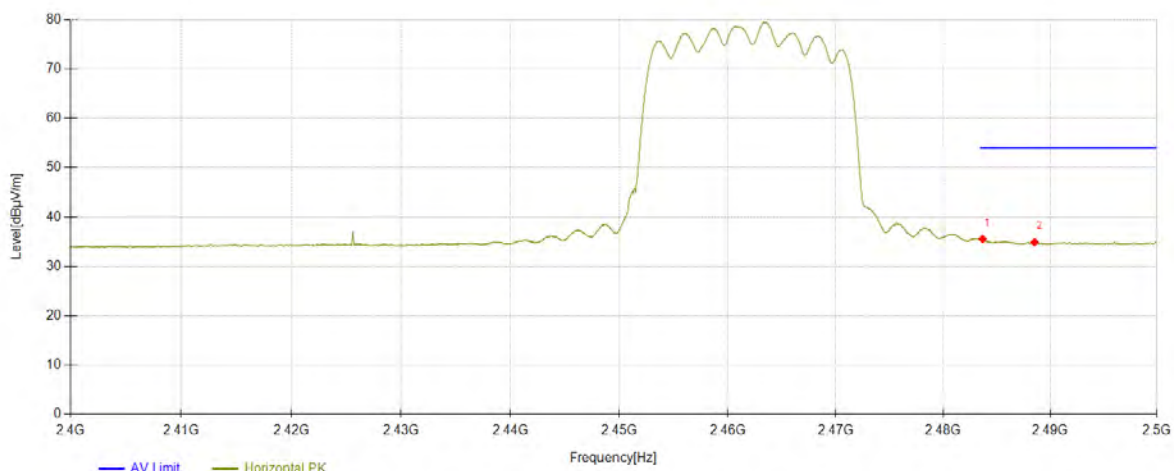
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.6918	33.31	27.36	-25.14	35.53	54.00	18.47	191	15	Horizontal
2	2488.5443	32.64	27.37	-25.11	34.90	54.00	19.10	191	15	Horizontal



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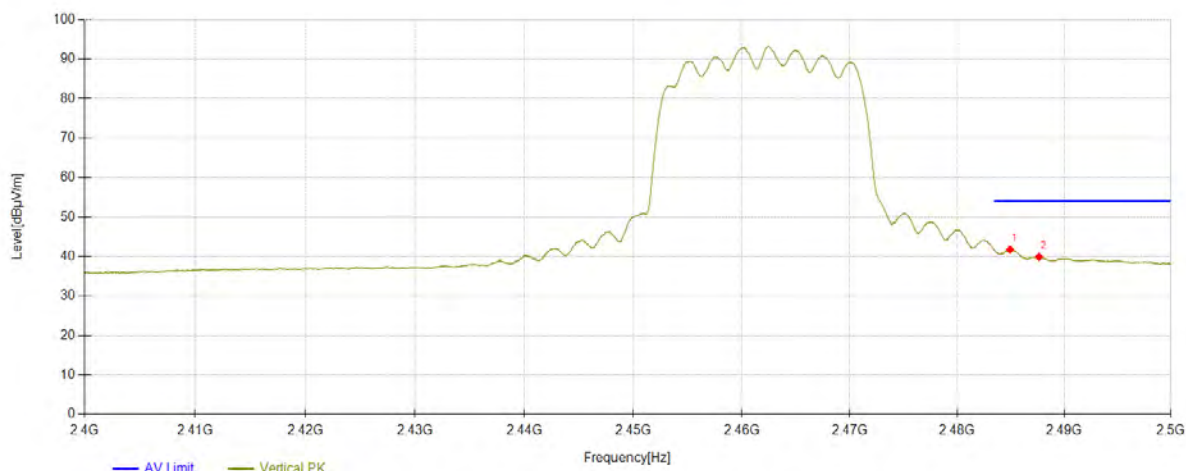
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802.11n20_Channel 11



Final 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	2484.9425	39.56	27.36	-25.14	41.78	54.00	12.22	152	134	Vertical
2	2487.6438	37.64	27.37	-25.12	39.89	54.00	14.11	152	134	Vertical



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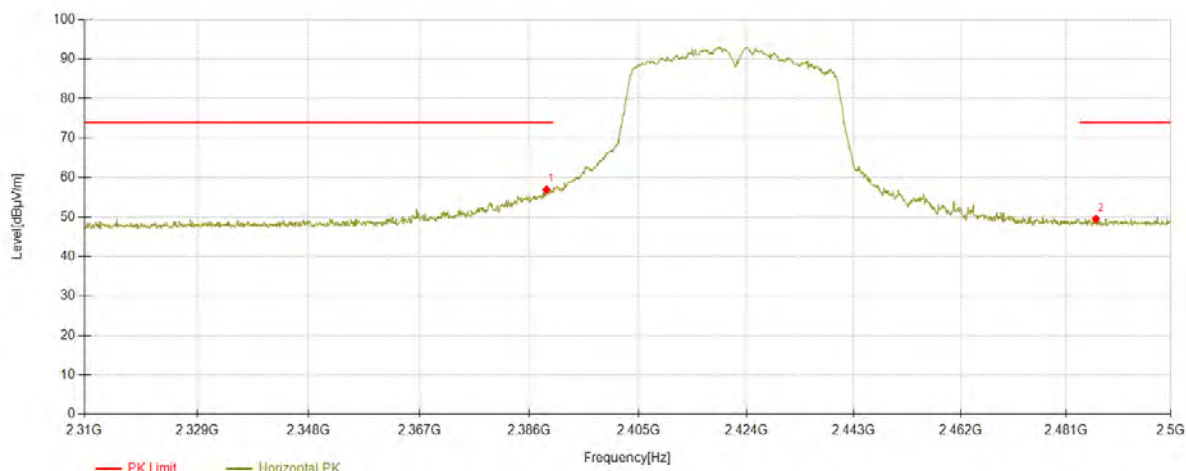
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802.11n40_Channel 03



Final Data List										
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1	2388.9845	55.49	27.13	-25.70	56.92	74.00	17.08	128	351	Horizontal
2	2486.4082	47.25	27.37	-25.13	49.49	74.00	24.51	128	351	Horizontal



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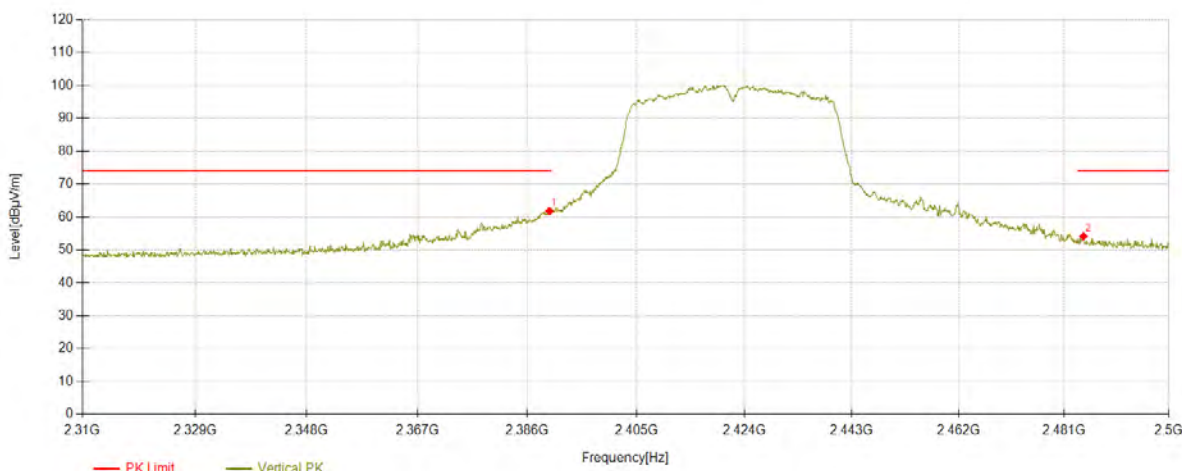
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.8399	60.39	27.14	-25.70	61.83	74.00	12.17	165	96	Vertical
2	2484.5073	51.92	27.36	-25.14	54.14	74.00	19.86	165	96	Vertical



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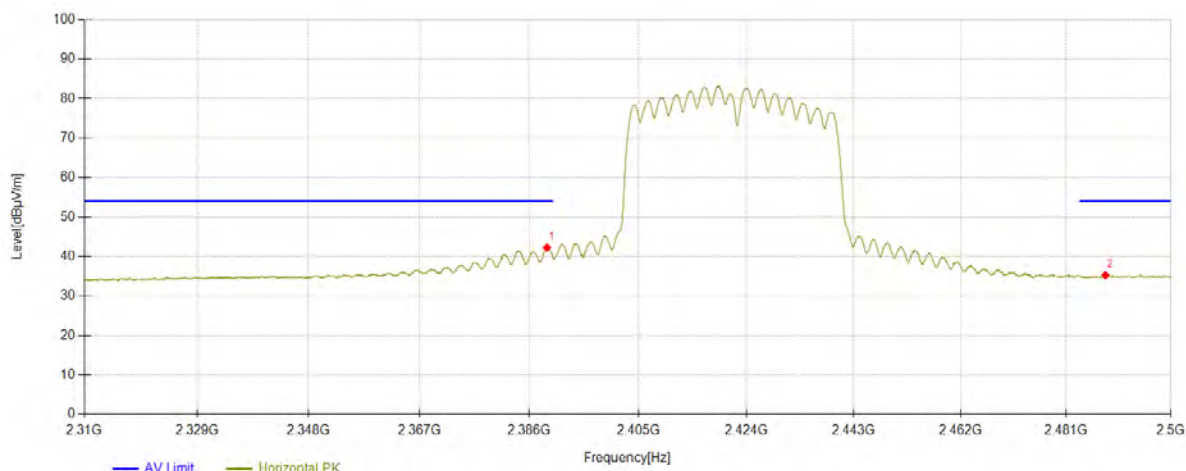
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Final Data List										
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1	2389.0795	40.84	27.13	-25.70	42.27	54.00	11.73	128	351	Horizontal
2	2488.1191	33.00	27.37	-25.12	35.25	54.00	18.75	128	351	Horizontal



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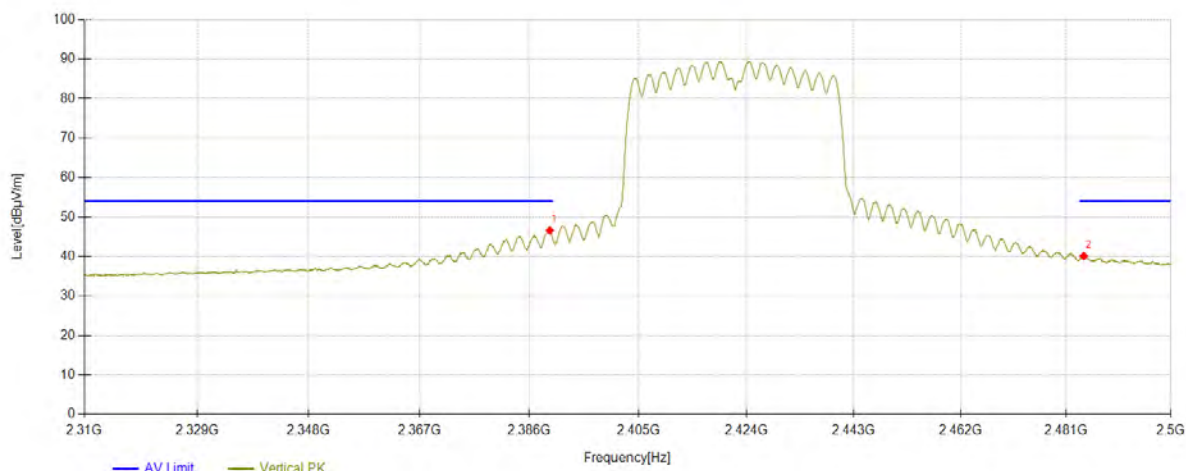
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.5548	45.19	27.13	-25.70	46.62	54.00	7.38	165	96	Vertical
2	2484.2221	37.90	27.36	-25.14	40.12	54.00	13.88	165	96	Vertical



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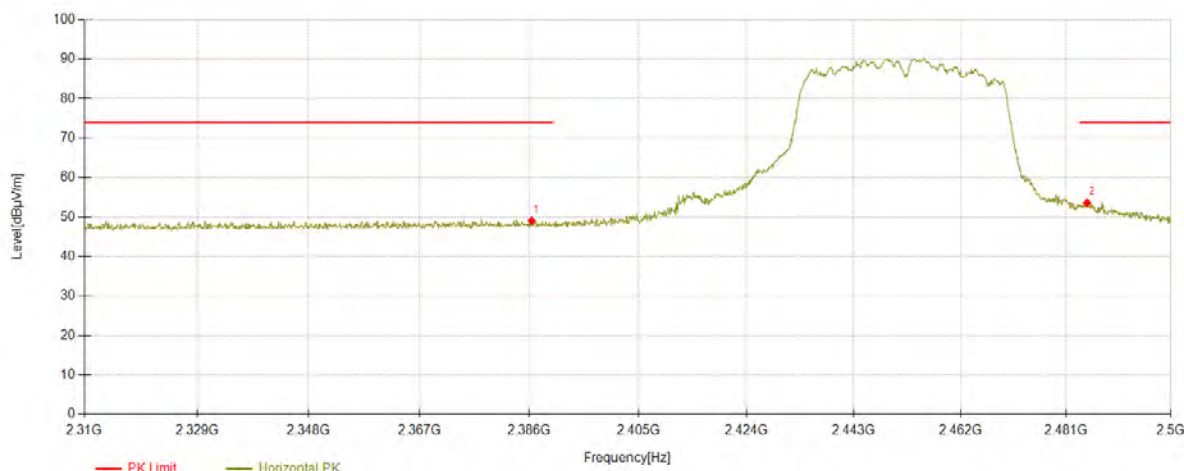
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Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.4182	47.58	27.13	-25.71	49.00	74.00	25.00	167	348	Horizontal
2	2484.7924	51.33	27.36	-25.14	53.55	74.00	20.45	167	348	Horizontal



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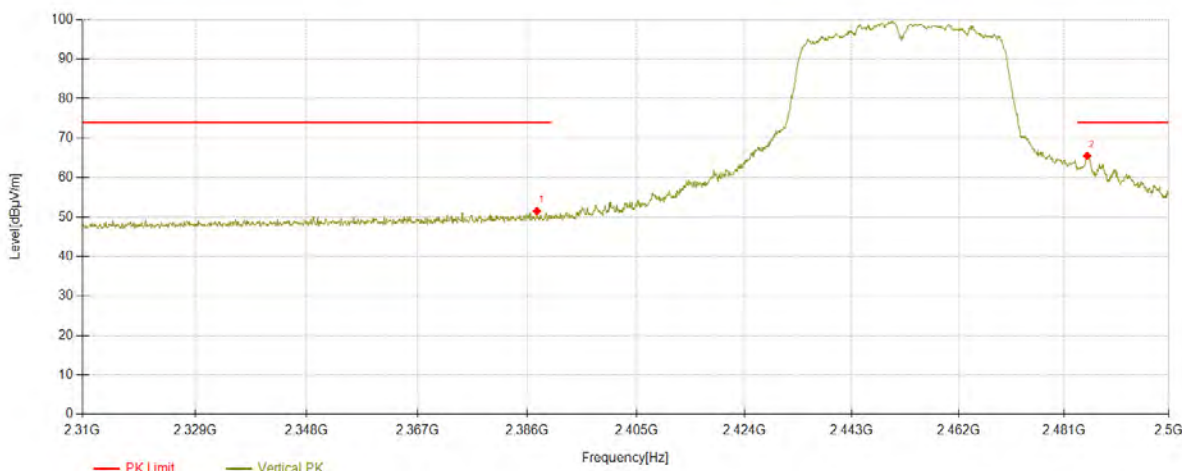
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.6538	50.09	27.13	-25.71	51.51	74.00	22.49	178	255	Vertical
2	2485.1726	63.25	27.36	-25.13	65.48	74.00	8.52	178	255	Vertical



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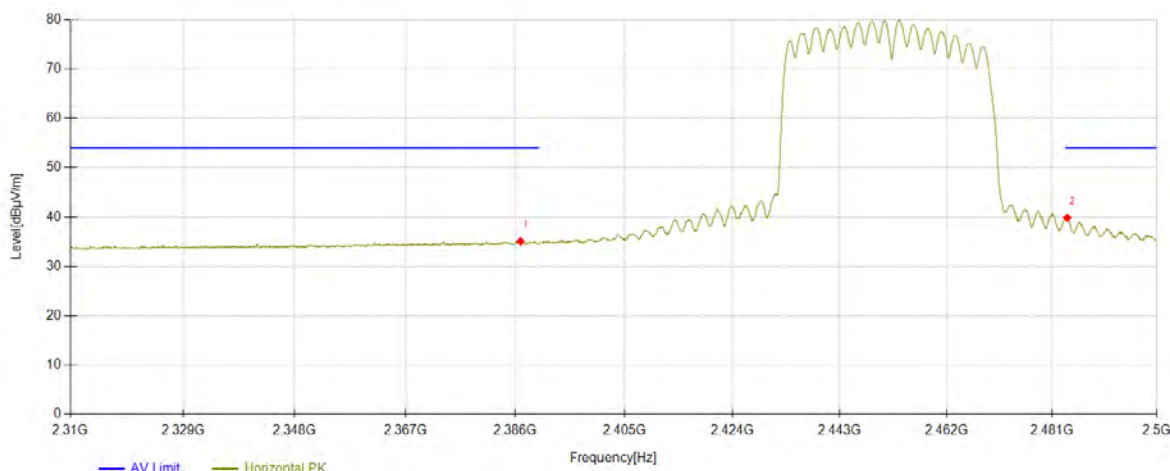
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.8934	33.68	27.13	-25.71	35.10	54.00	18.90	167	348	Horizontal
2	2483.7469	37.63	27.36	-25.14	39.85	54.00	14.15	167	348	Horizontal



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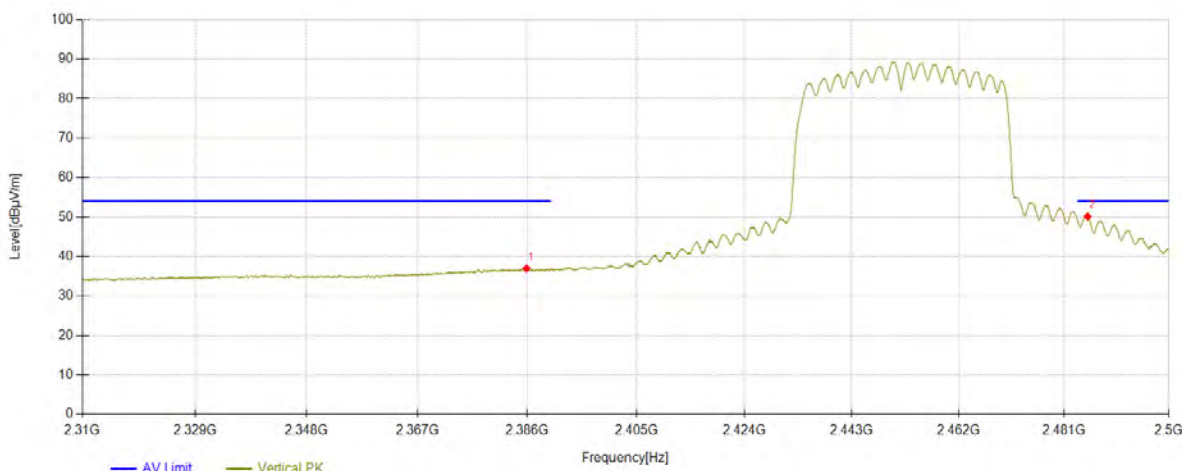
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Final Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.8479	35.57	27.13	-25.71	36.99	54.00	17.01	178	255	Vertical
2	2485.2676	47.91	27.36	-25.13	50.14	54.00	3.86	178	255	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:

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

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

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

$$\text{Margin} = \text{Limit (dB}\mu\text{V/m)} - \text{Level (dB}\mu\text{V/m)}$$
- Both peak and average measured complies with the limit line, so test result is "PASS".

---End of Report---



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