

11b Ant1 2462

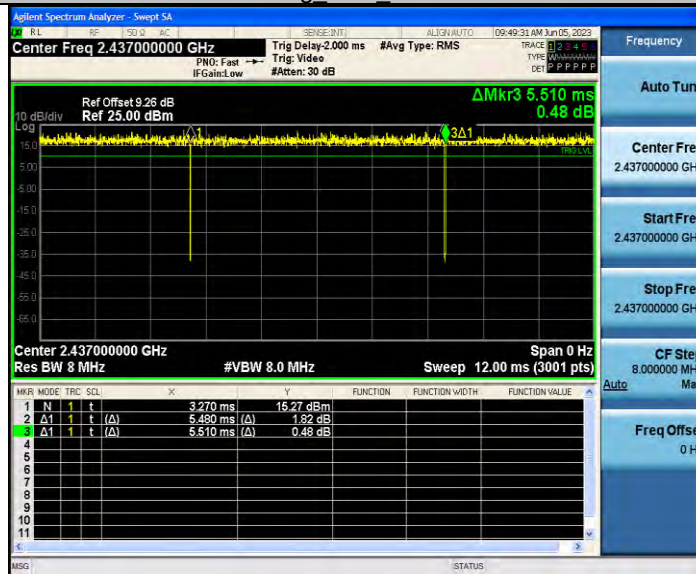


11g Ant1 2412



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11g_Ant1_2437



11g_Ant1_2462



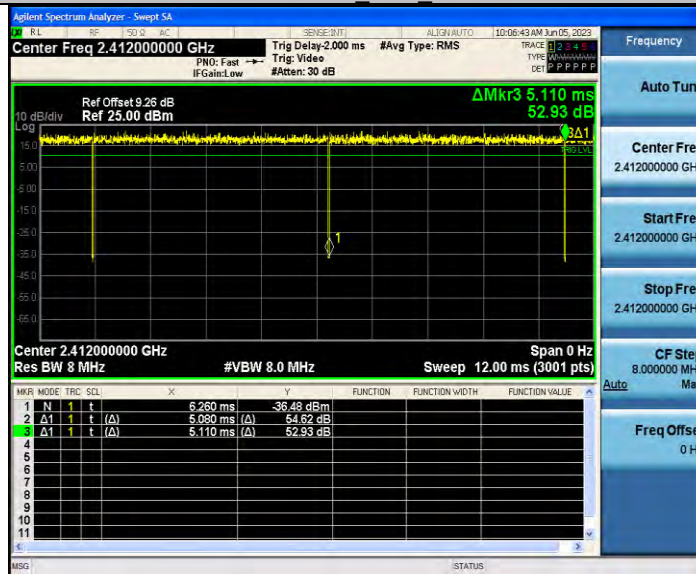
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11n20SISO_Ant1_2412



11n20SISO_Ant1_2437



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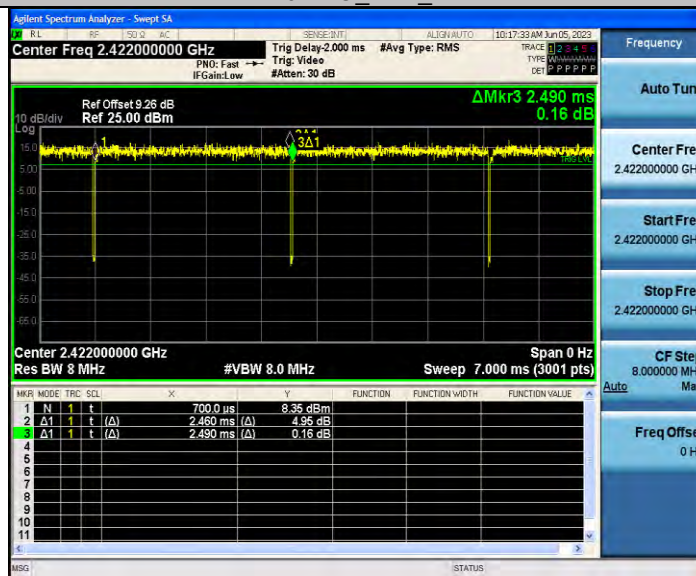
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11n20SISO_Ant1_2462



11n40SISO_Ant1_2422

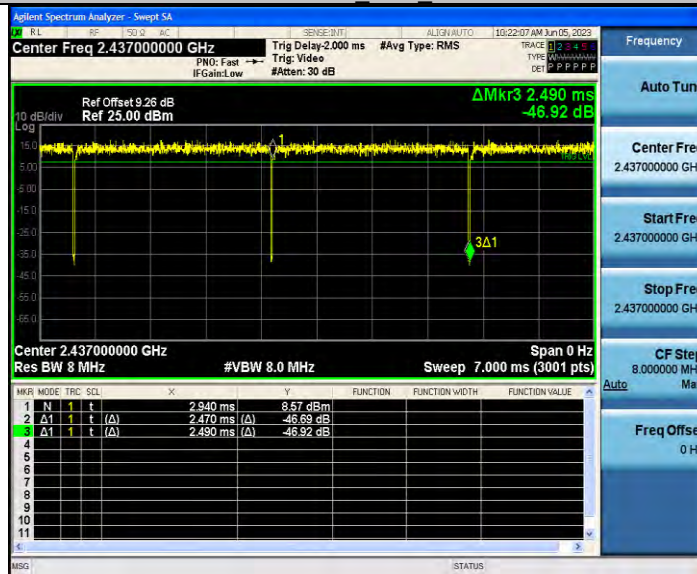


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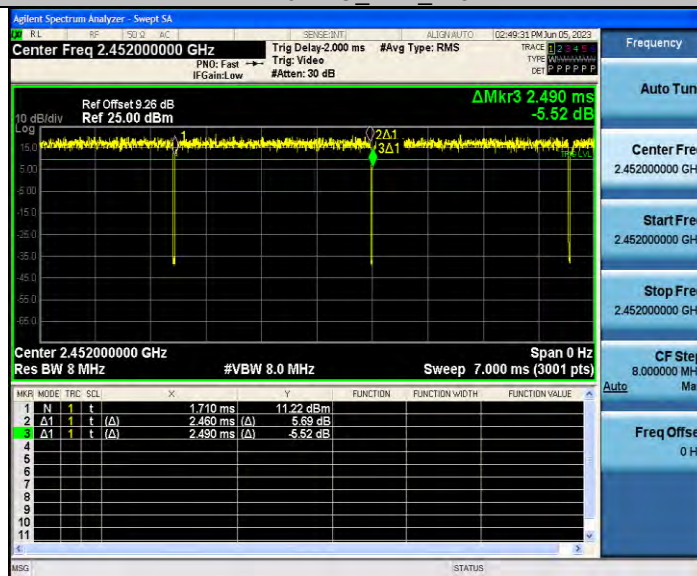
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11n40SISO_Ant1_2437

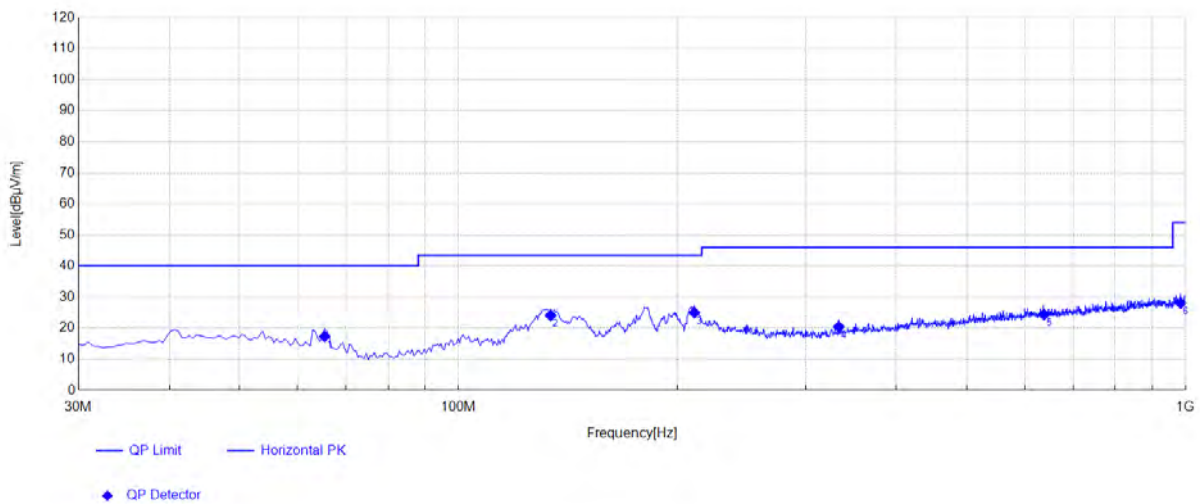


11n40SISO_Ant1_2452



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Radiated Spurious Emissions
Radiated emission below 1GHz
Worst case Mode: 802.11b_Channel 1



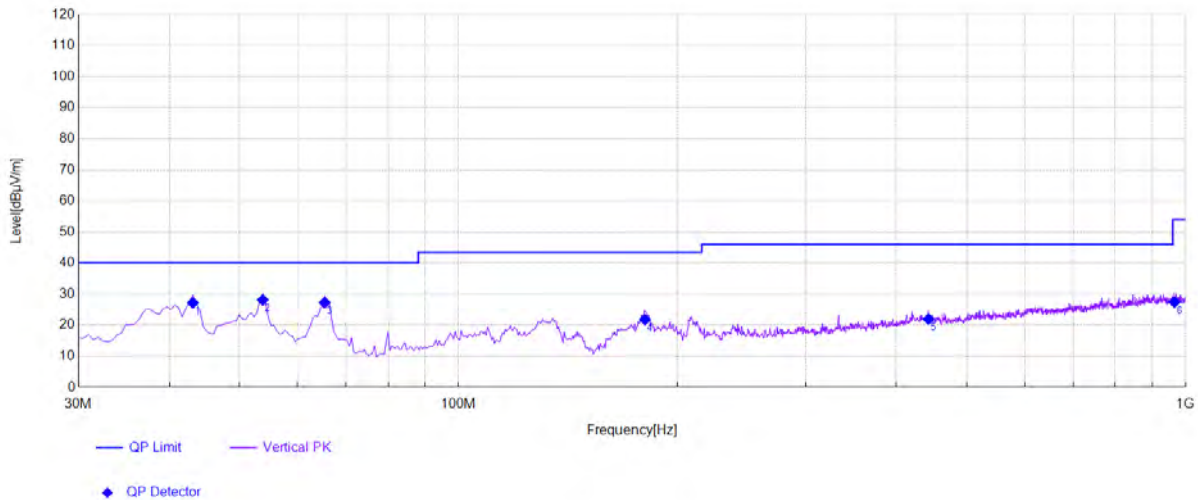
Data List										
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	65.4227	12.02	-27.63	32.93	17.32	40.00	22.68	247	278	Horizontal
2	133.8419	7.90	-26.60	42.79	24.09	43.50	19.41	256	136	Horizontal
3	210.9955	11.22	-26.86	40.65	25.01	43.50	18.49	322	144	Horizontal
4	333.2766	14.17	-25.81	32.07	20.43	46.00	25.57	254	60	Horizontal
5	638.4942	19.23	-24.58	29.72	24.37	46.00	21.63	109	254	Horizontal
6	984.4722	22.55	-23.57	29.08	28.06	54.00	25.94	320	75	Horizontal



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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	43.1016	13.71	-27.89	41.37	27.19	40.00	12.81	233	288	Vertical
2	53.7769	13.84	-27.80	42.09	28.13	40.00	11.87	254	297	Vertical
3	65.4227	12.02	-27.63	42.86	27.25	40.00	12.75	185	183	Vertical
4	180.4252	9.16	-26.46	39.06	21.76	43.50	21.74	225	294	Vertical
5	442.9415	16.14	-25.24	31.03	21.93	46.00	24.07	321	131	Vertical
6	965.0625	22.40	-23.52	28.57	27.45	54.00	26.55	159	224	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:
 Value = Reading(dBµV) + AF(dB/m) + Factor(dB)
 AF = Antenna Factor(dB/m)
 Factor = Cable Factor(dB) - Pre-amplifier gain(dB)
 Margin = Limit(dBµV/m) – Value(dBµV/m)
- All channels have been tested, but only the worst case data displayed in this report.

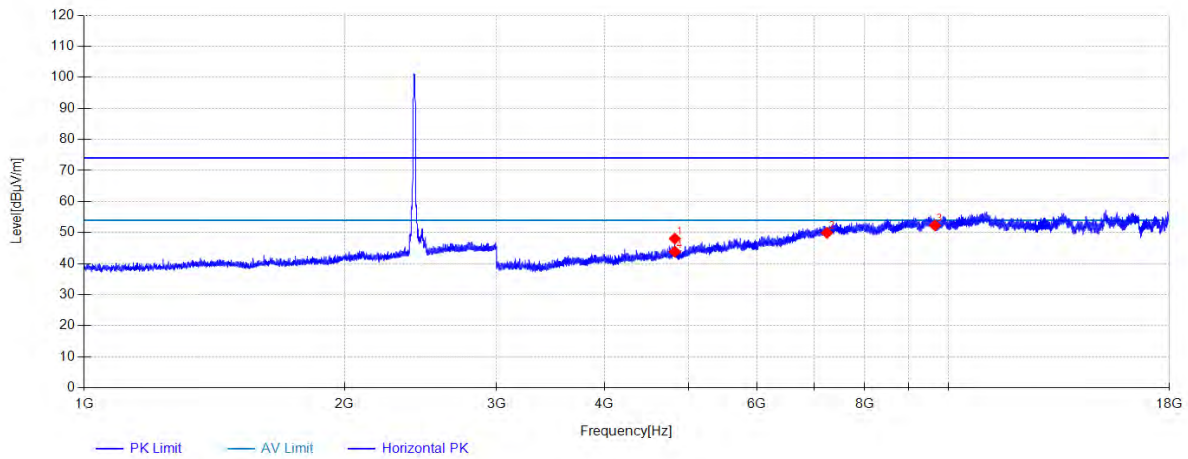


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Transmitter emission Above 1GHz
802.11b_Channel 1

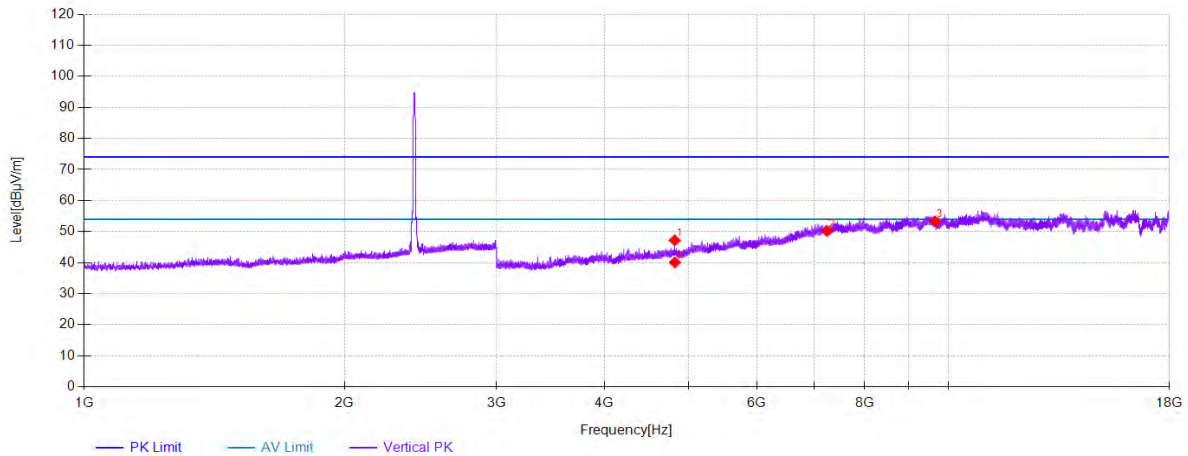


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.073	60.27	30.70	-42.93	48.04	74.00	25.96	156	213	Horizontal
2	7236	52.31	36.38	-38.77	49.92	74.00	24.08	198	126	Horizontal
3	9648	50.18	38.09	-35.97	52.30	74.00	21.70	141	20	Horizontal
4	4824.673	56.10	30.70	-42.93	43.87	54.00	10.13	178	309	Horizontal



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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	4824.073	59.40	30.70	-42.93	47.17	74.00	26.83	315	136	Vertical
2	7236	52.56	36.38	-38.77	50.17	74.00	23.83	324	360	Vertical
3	9648	51.19	38.09	-35.97	53.31	74.00	20.69	289	136	Vertical
4	4824.673	52.31	30.70	-42.93	40.08	54.00	13.92	367	126	Vertical

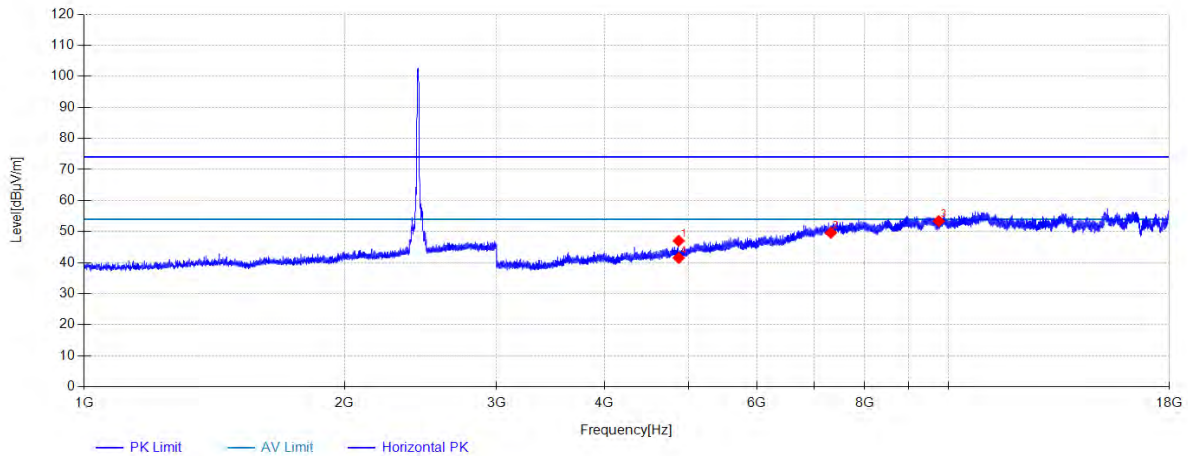


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802.11b_Channel 6



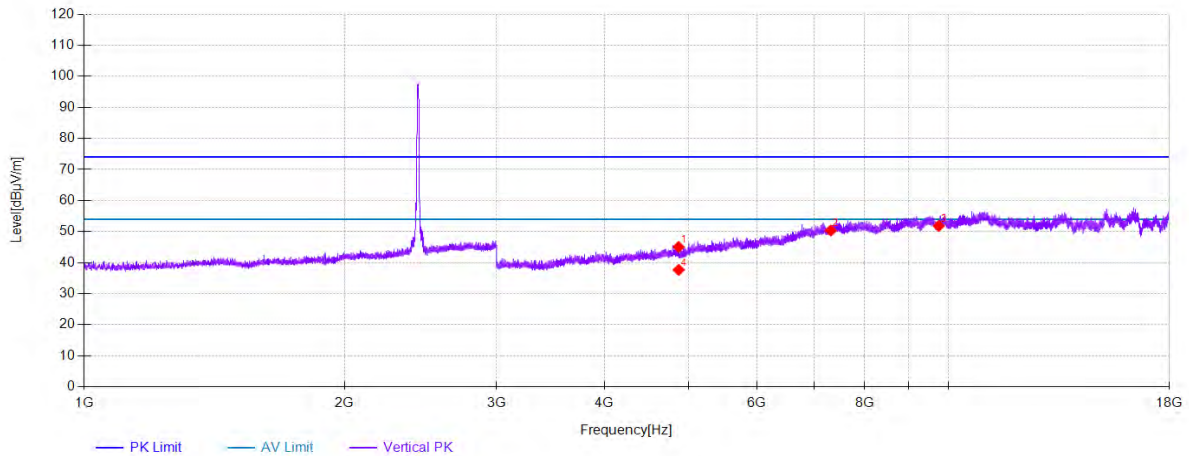
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1	4873.875	59.19	30.74	-42.90	47.03	74.00	26.97	178	348	Horizontal
2	7311	52.01	36.42	-38.81	49.62	74.00	24.38	265	59	Horizontal
3	9748	51.13	38.30	-36.04	53.39	74.00	20.61	247	107	Horizontal
4	4874.475	53.70	30.75	-42.90	41.55	54.00	12.45	224	339	Horizontal



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802.11b_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	4873.875	57.21	30.74	-42.90	45.05	74.00	28.95	241	78	Vertical
2	7311	52.74	36.42	-38.81	50.35	74.00	23.65	335	267	Vertical
3	9748	49.60	38.30	-36.04	51.86	74.00	22.14	315	100	Vertical
4	4874.475	49.81	30.75	-42.90	37.66	54.00	16.34	289	129	Vertical

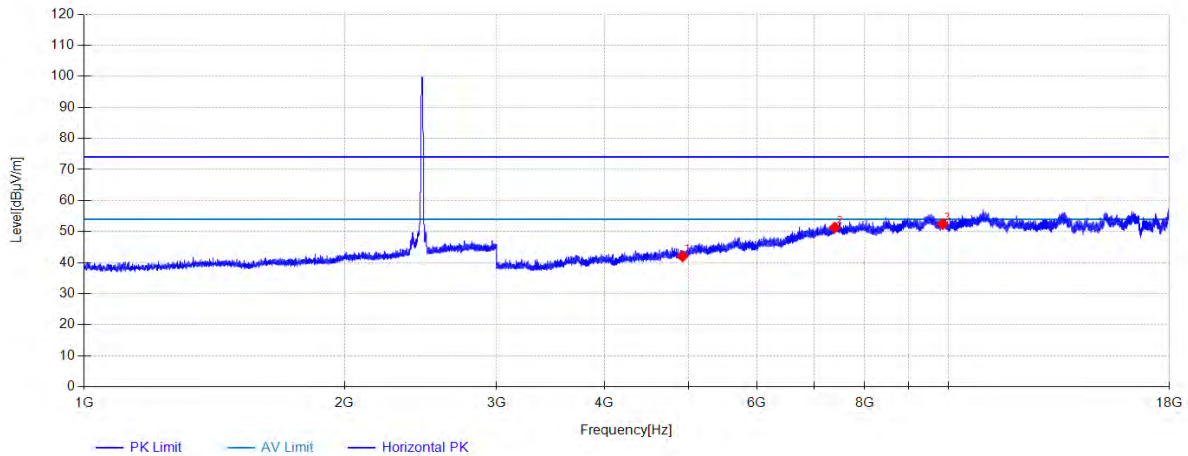


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802.11b_Channel 11



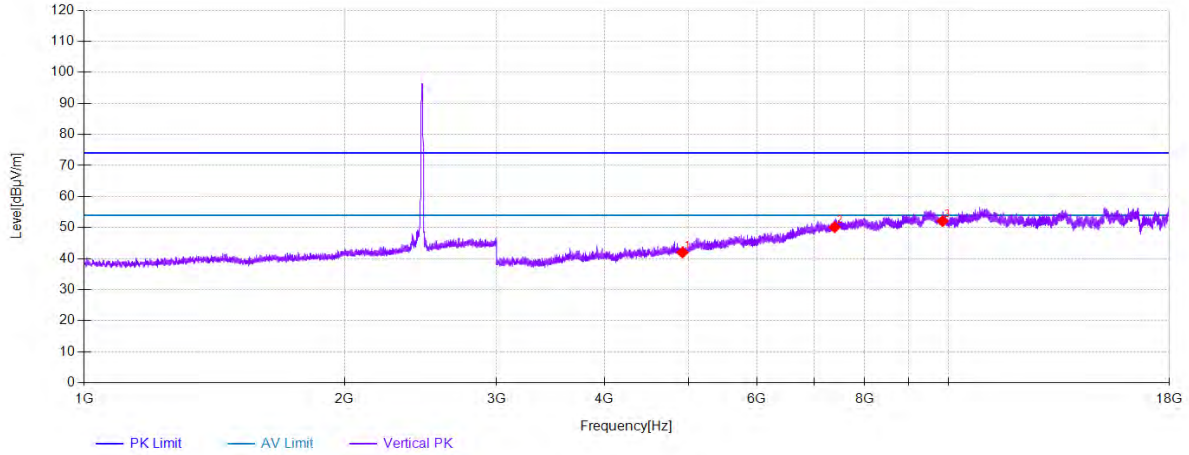
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1	4924	53.95	30.95	-42.84	42.06	74.00	31.94	247	2	Horizontal
2	7386	53.01	36.64	-38.36	51.29	74.00	22.71	189	110	Horizontal
3	9848	49.58	38.21	-35.36	52.43	74.00	21.57	176	130	Horizontal



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802.11b_Channel 11

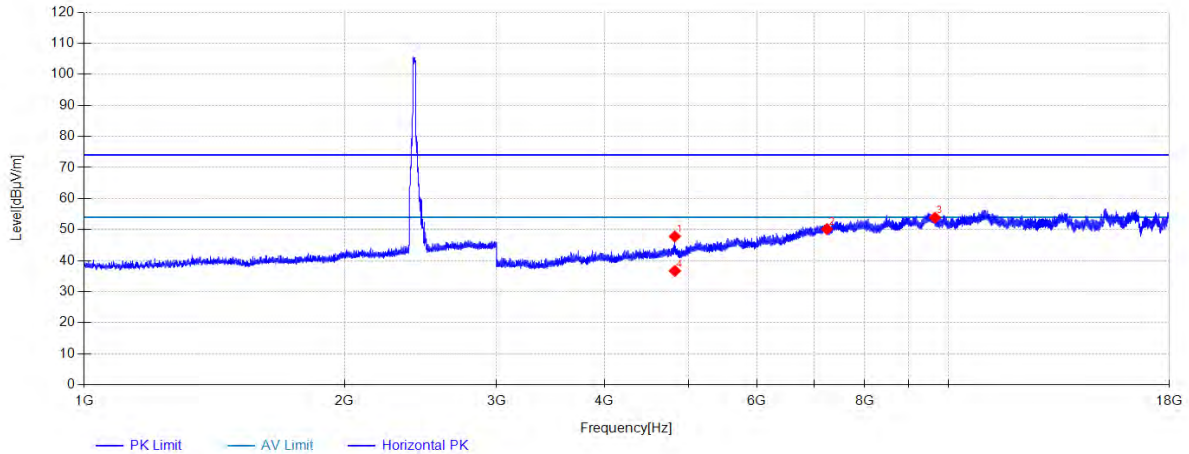


Data List										
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1	4924	53.89	30.95	-42.84	42.00	74.00	32.00	257	301	Vertical
2	7386	51.84	36.64	-38.36	50.12	74.00	23.88	326	49	Vertical
3	9848	49.24	38.21	-35.36	52.09	74.00	21.91	351	136	Vertical



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802.11g_Channel 1

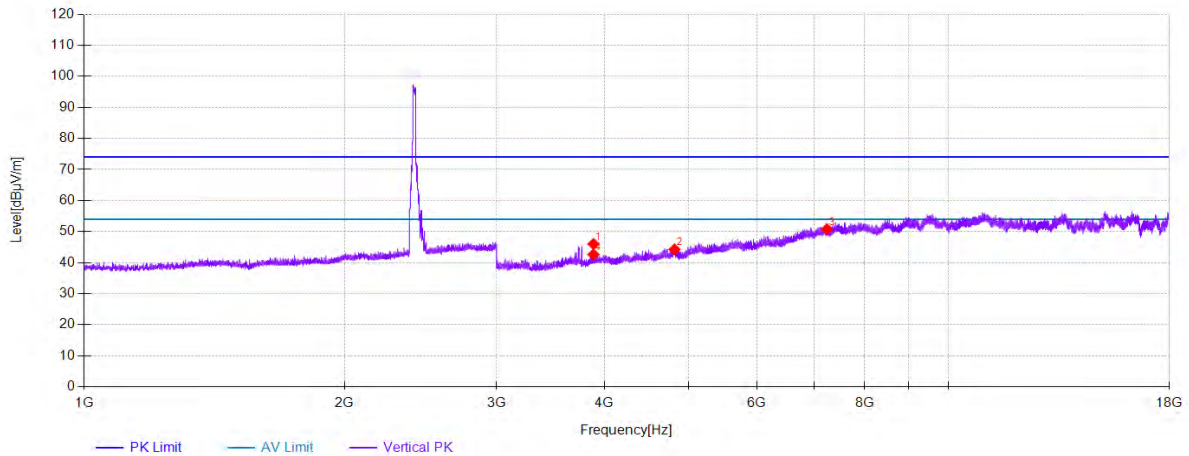


Data List										
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1	4823.4729	60.03	30.71	-42.93	47.81	74.00	26.19	178	214	Horizontal
2	7236	52.56	36.38	-38.77	50.17	74.00	23.83	235	214	Horizontal
3	9648	51.72	38.09	-35.97	53.84	74.00	20.16	157	262	Horizontal
4	4824.073	48.93	30.70	-42.93	36.70	54.00	17.30	156	204	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	3883.8354	60.62	29.70	-44.32	46.00	74.00	28.00	340	194	Vertical
2	4820.4728	56.47	30.72	-42.94	44.25	74.00	29.75	324	2	Vertical
3	7236	53.18	36.38	-38.77	50.79	74.00	23.21	298	233	Vertical
4	3884.4354	57.23	29.70	-44.31	42.62	54.00	11.38	228	194	Vertical

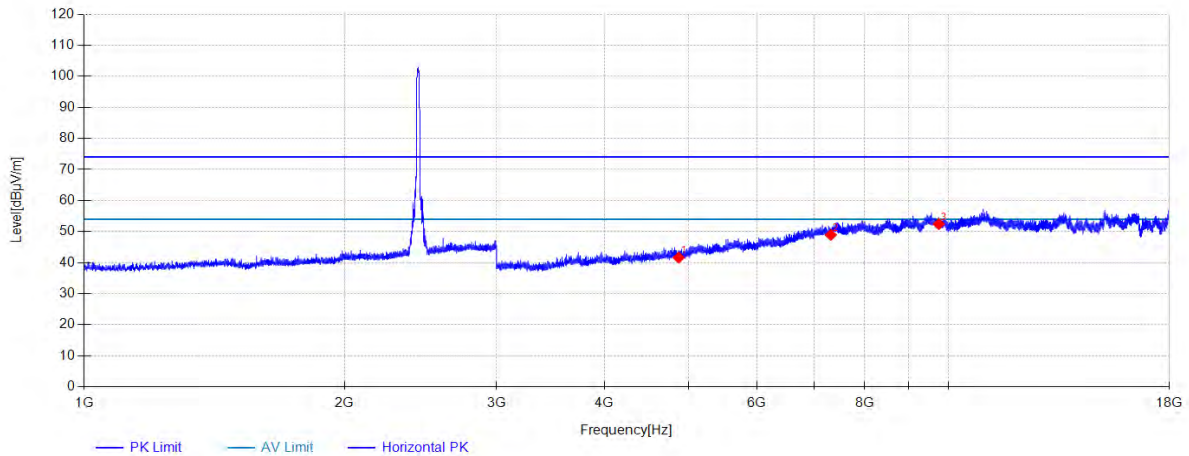


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802.11g_Channel 6



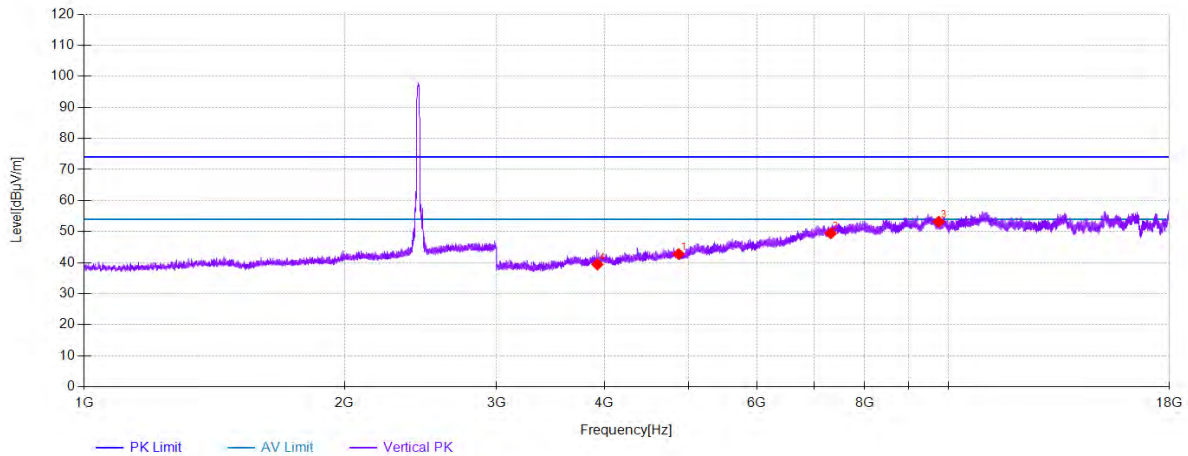
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1	4874	53.77	30.75	-42.90	41.62	74.00	32.38	324	208	Horizontal
2	7311	51.33	36.42	-38.81	48.94	74.00	25.06	226	59	Horizontal
3	9748	50.16	38.30	-36.04	52.42	74.00	21.58	237	336	Horizontal



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802.11g_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	54.94	30.75	-42.90	42.79	74.00	31.21	245	135	Vertical
2	7311	51.83	36.42	-38.81	49.44	74.00	24.56	334	126	Vertical
3	9748	50.90	38.30	-36.04	53.16	74.00	20.84	340	300	Vertical
4	3925.837	53.81	29.80	-44.19	39.42	54.00	14.58	269	194	Vertical

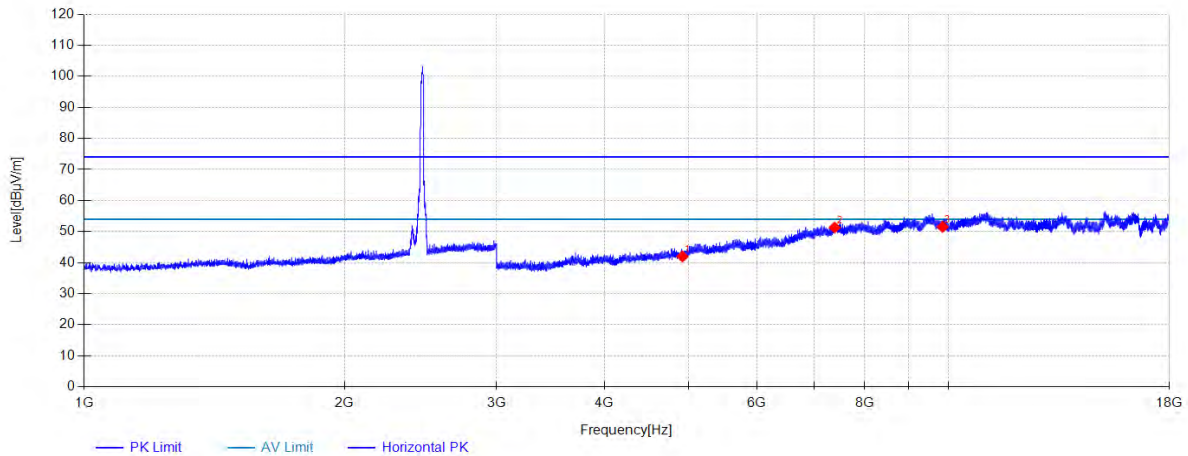


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802.11g_Channel 11



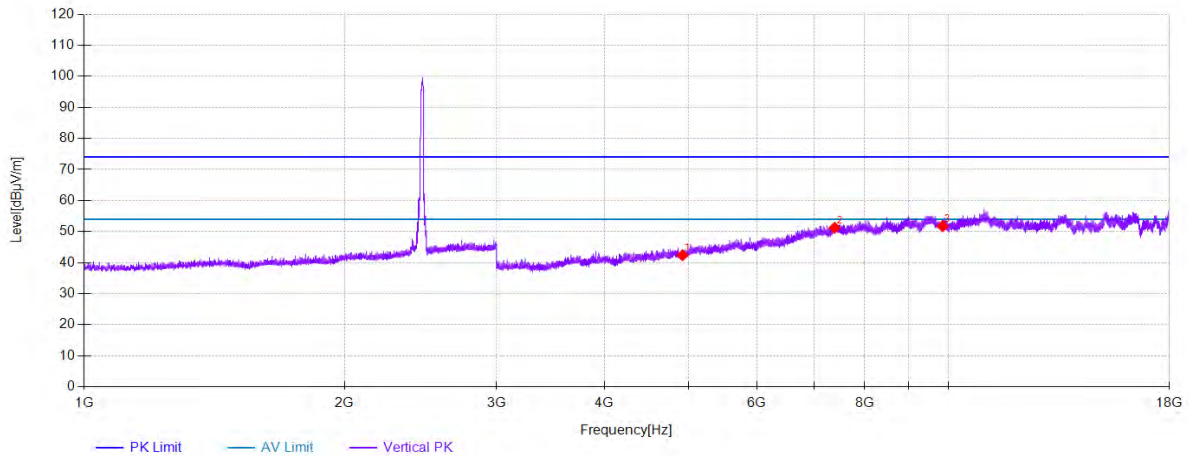
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1	4924	53.87	30.95	-42.84	41.98	74.00	32.02	157	290	Horizontal
2	7386	53.02	36.64	-38.36	51.30	74.00	22.70	196	117	Horizontal
3	9848	48.65	38.21	-35.36	51.50	74.00	22.50	202	194	Horizontal



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802.11g_Channel 11



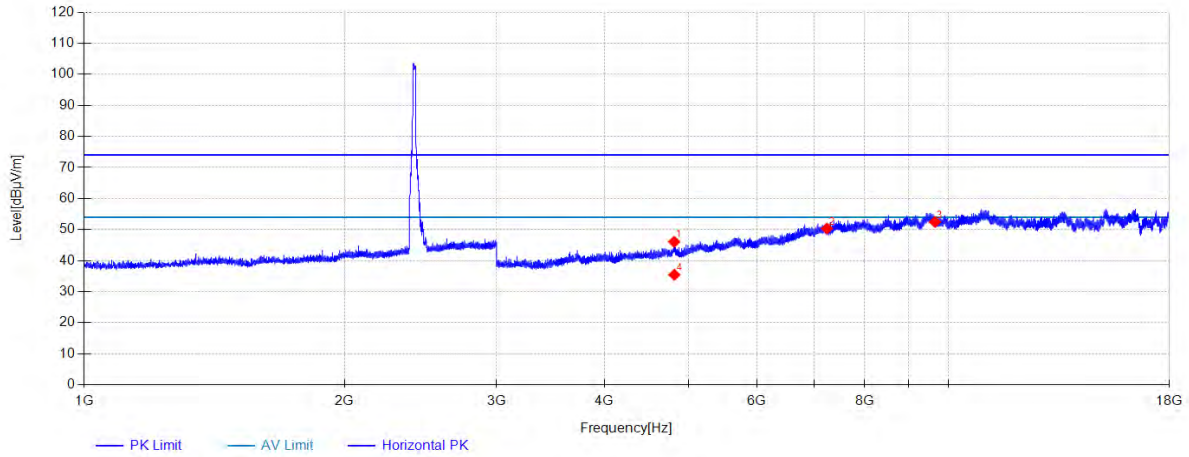
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1	4924	54.30	30.95	-42.84	42.41	74.00	31.59	347	175	Vertical
2	7386	52.95	36.64	-38.36	51.23	74.00	22.77	226	165	Vertical
3	9848	48.90	38.21	-35.36	51.75	74.00	22.25	349	233	Vertical



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802.11n20_Channel 1

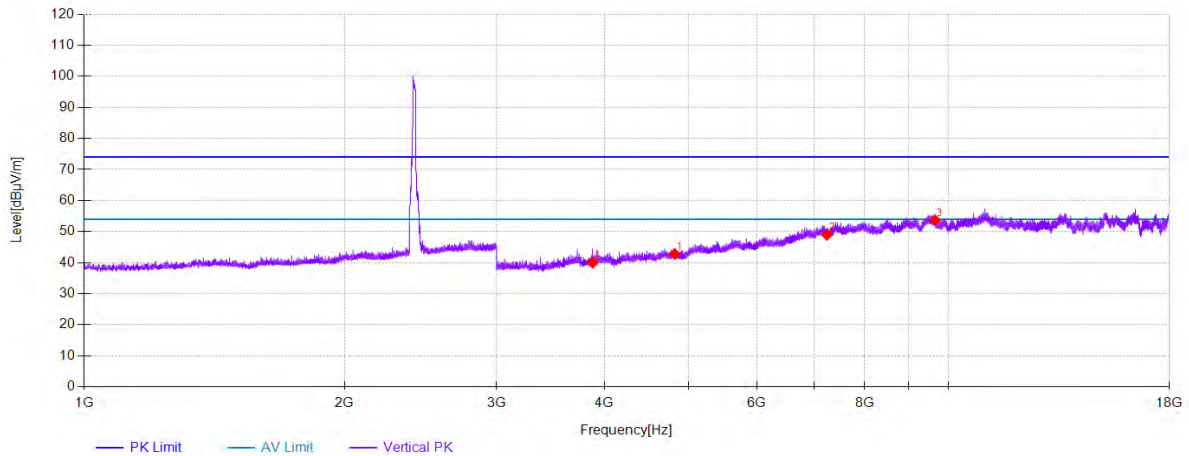


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4816.2727	58.28	30.73	-42.94	46.07	74.00	27.93	101	213	Horizontal
2	7236	52.72	36.38	-38.77	50.33	74.00	23.67	156	10	Horizontal
3	9648	50.34	38.09	-35.97	52.46	74.00	21.54	201	20	Horizontal
4	4818.6727	47.66	30.73	-42.94	35.45	54.00	18.55	198	213	Horizontal



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802.11n20_Channel 1

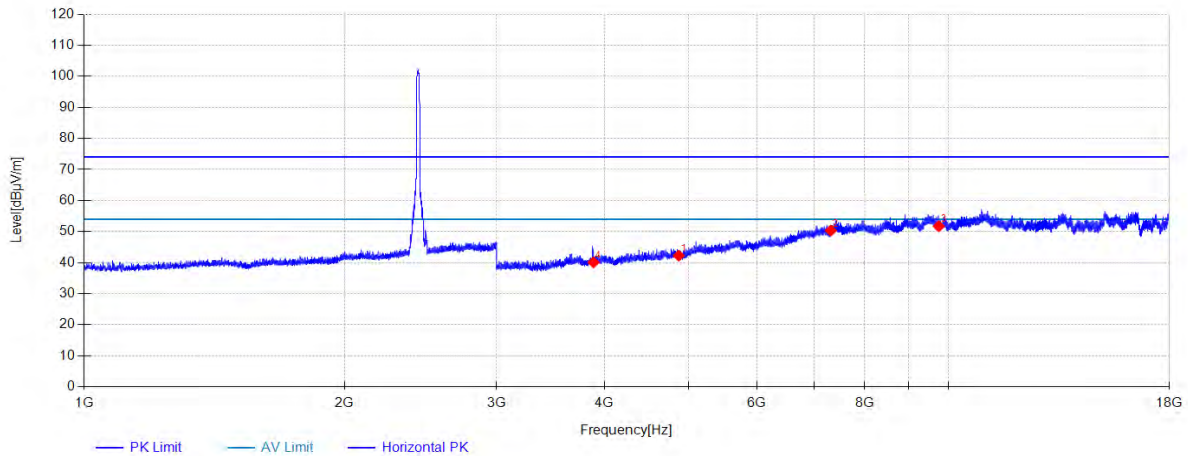


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	55.00	30.70	-42.93	42.77	74.00	31.23	365	262	Vertical
2	7236	51.40	36.38	-38.77	49.01	74.00	24.99	235	349	Vertical
3	9648	51.53	38.09	-35.97	53.65	74.00	20.35	332	40	Vertical
4	3876.6351	54.71	29.70	-44.37	40.04	54.00	13.96	269	147	Vertical



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802.11n20_Channel 6

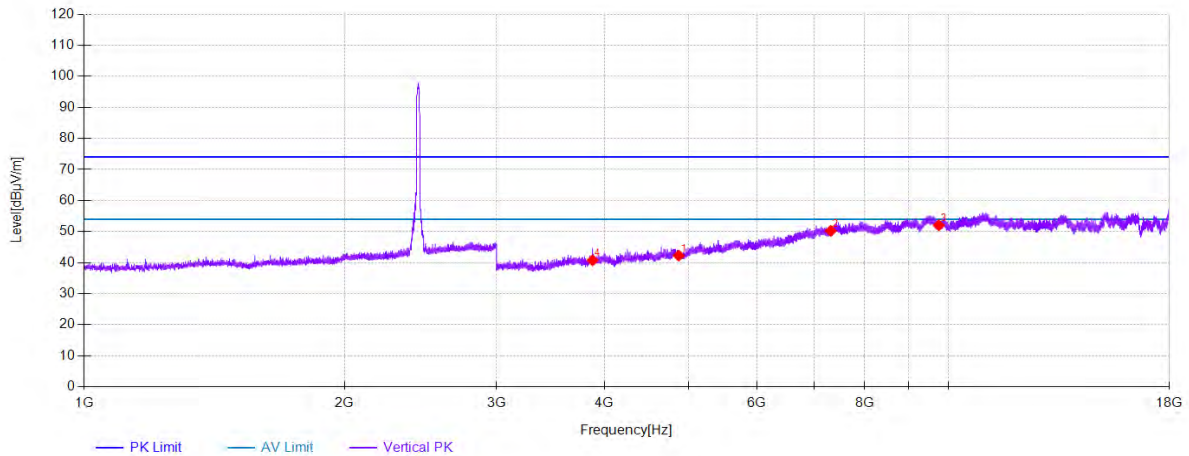


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	54.42	30.75	-42.90	42.27	74.00	31.73	264	240	Horizontal
2	7311	52.72	36.42	-38.81	50.33	74.00	23.67	222	192	Horizontal
3	9748	49.50	38.30	-36.04	51.76	74.00	22.24	198	141	Horizontal
4	3884.4354	54.71	29.70	-44.31	40.10	54.00	13.90	234	345	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	4874	54.44	30.75	-42.90	42.29	74.00	31.71	369	30	Vertical
2	7311	52.63	36.42	-38.81	50.24	74.00	23.76	345	261	Vertical
3	9748	49.79	38.30	-36.04	52.05	74.00	21.95	298	339	Vertical
4	3874.835	55.43	29.70	-44.38	40.75	54.00	13.25	263	242	Vertical

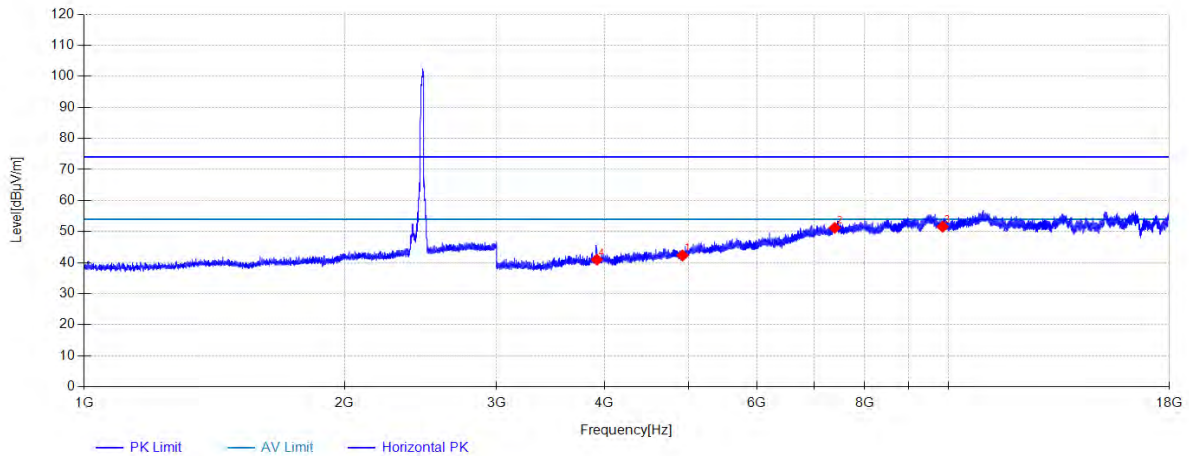


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802.11n20_Channel 11



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	54.21	30.95	-42.84	42.32	74.00	31.68	257	292	Horizontal
2	7386	52.93	36.64	-38.36	51.21	74.00	22.79	223	4	Horizontal
3	9848	48.73	38.21	-35.36	51.58	74.00	22.42	198	302	Horizontal
4	3919.8368	55.35	29.78	-44.19	40.94	54.00	13.06	264	350	Horizontal

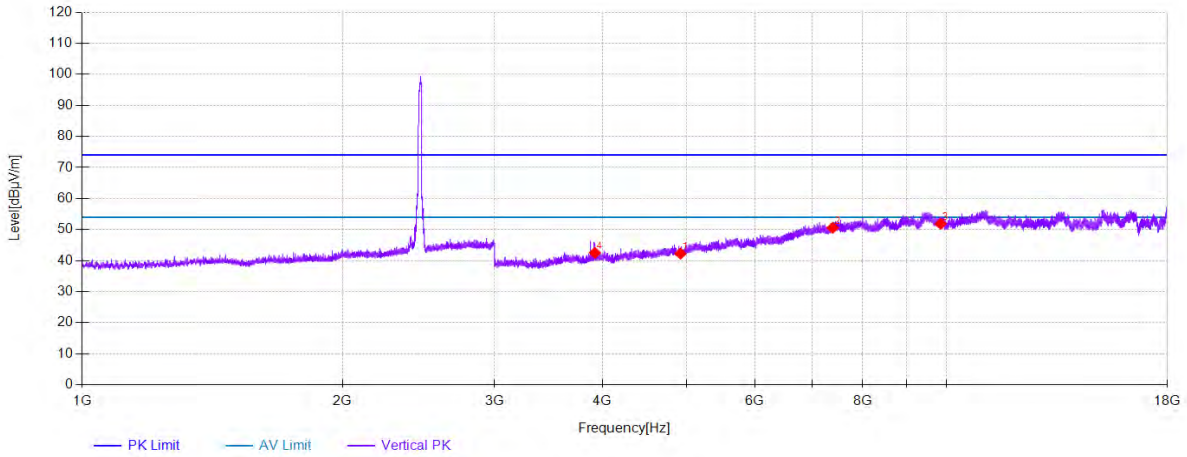


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802.11n20_Channel 11

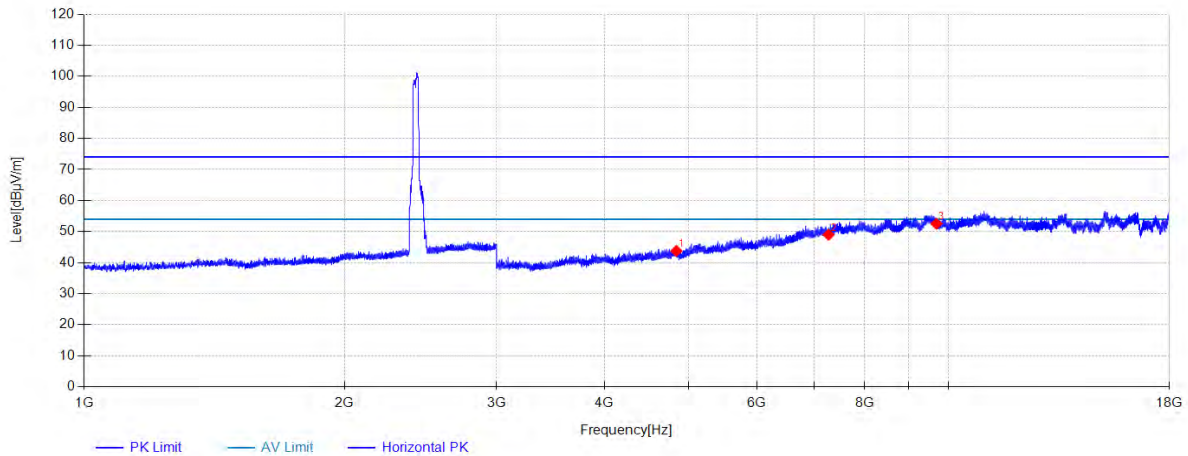


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	54.17	30.95	-42.84	42.28	74.00	31.72	349	71	Vertical
2	7386	52.27	36.64	-38.36	50.55	74.00	23.45	269	282	Vertical
3	9848	49.02	38.21	-35.36	51.87	74.00	22.13	311	33	Vertical
4	3919.8368	56.92	29.78	-44.19	42.51	54.00	11.49	258	340	Vertical



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802.11n40_Channel 3

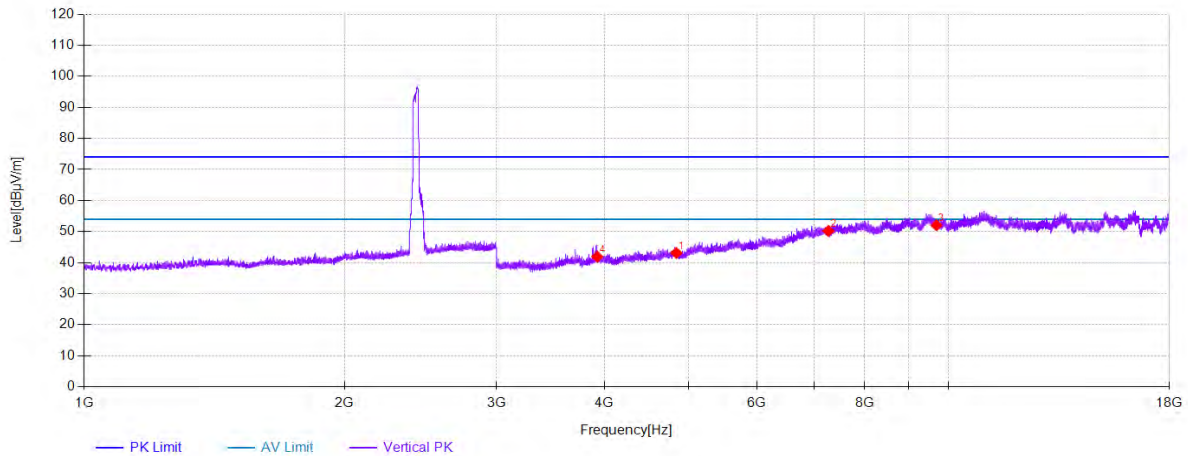


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4844	56.06	30.62	-42.92	43.76	74.00	30.24	174	155	Horizontal
2	7266	51.48	36.33	-38.82	48.99	74.00	25.01	196	40	Horizontal
3	9688	50.61	38.18	-36.25	52.54	74.00	21.46	204	184	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	55.42	30.62	-42.92	43.12	74.00	30.88	349	68	Vertical
2	7266	52.71	36.33	-38.82	50.22	74.00	23.78	268	280	Vertical
3	9688	50.11	38.18	-36.25	52.04	74.00	21.96	341	184	Vertical
4	3922.8369	56.32	29.79	-44.19	41.92	54.00	12.08	298	348	Vertical

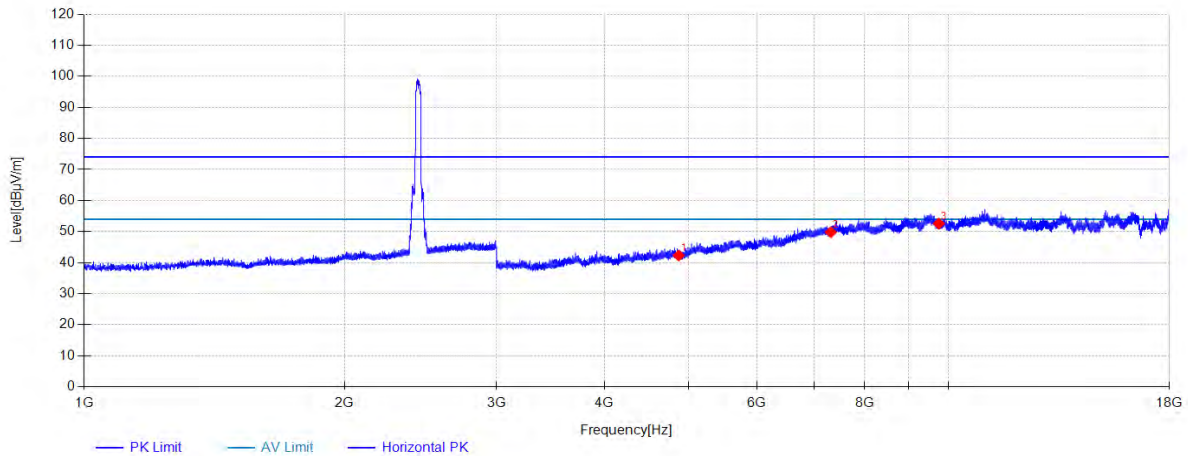


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802.11n40_Channel 6



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	54.47	30.75	-42.90	42.32	74.00	31.68	158	68	Horizontal
2	7311	52.21	36.42	-38.81	49.82	74.00	24.18	167	261	Horizontal
3	9748	50.31	38.30	-36.04	52.57	74.00	21.43	156	232	Horizontal

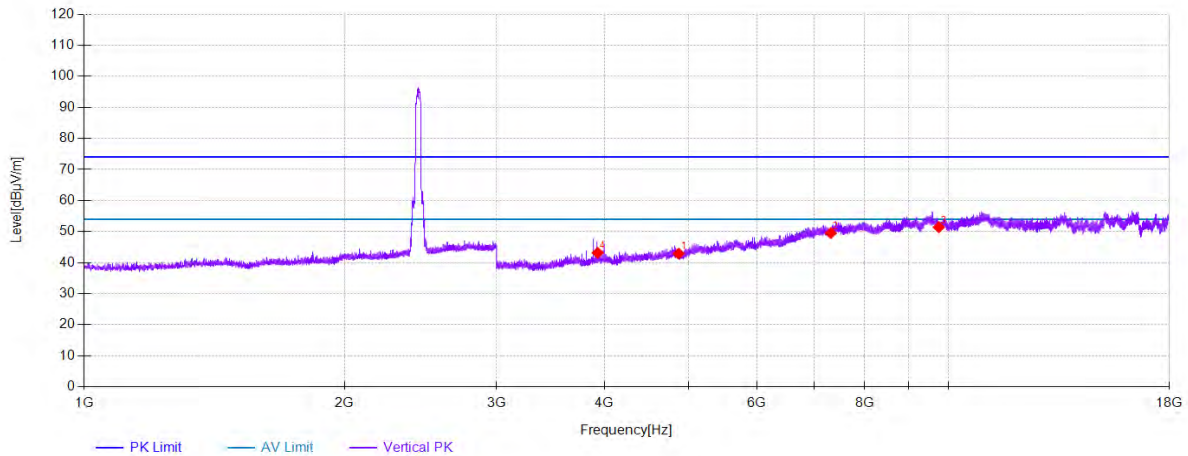


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802.11n40_Channel 6



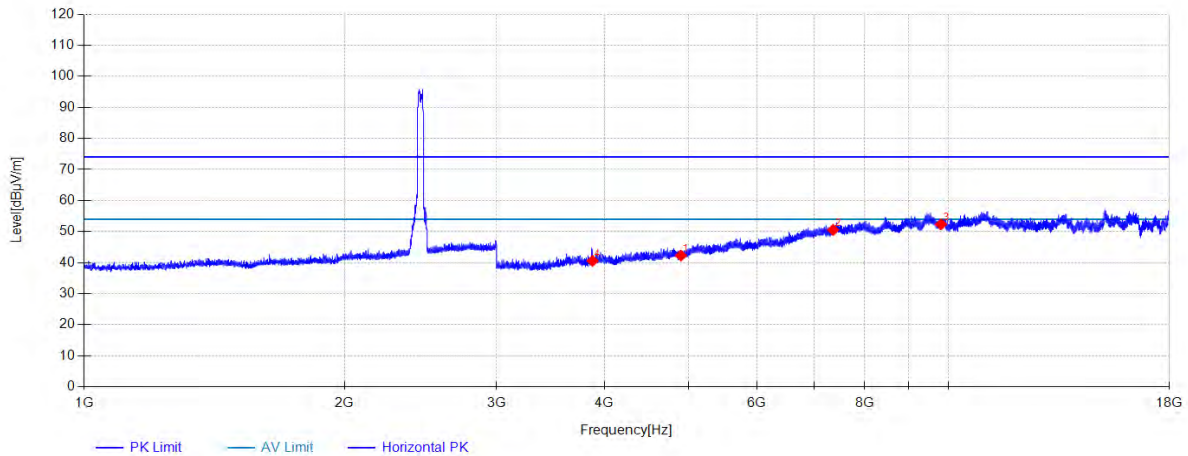
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	55.05	30.75	-42.90	42.90	74.00	31.10	342	156	Vertical
2	7311	51.92	36.42	-38.81	49.53	74.00	24.47	349	272	Vertical
3	9748	49.14	38.30	-36.04	51.40	74.00	22.60	268	253	Vertical
4	3928.2371	57.55	29.81	-44.19	43.17	54.00	10.83	227	10	Vertical



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802.11n40_Channel 9

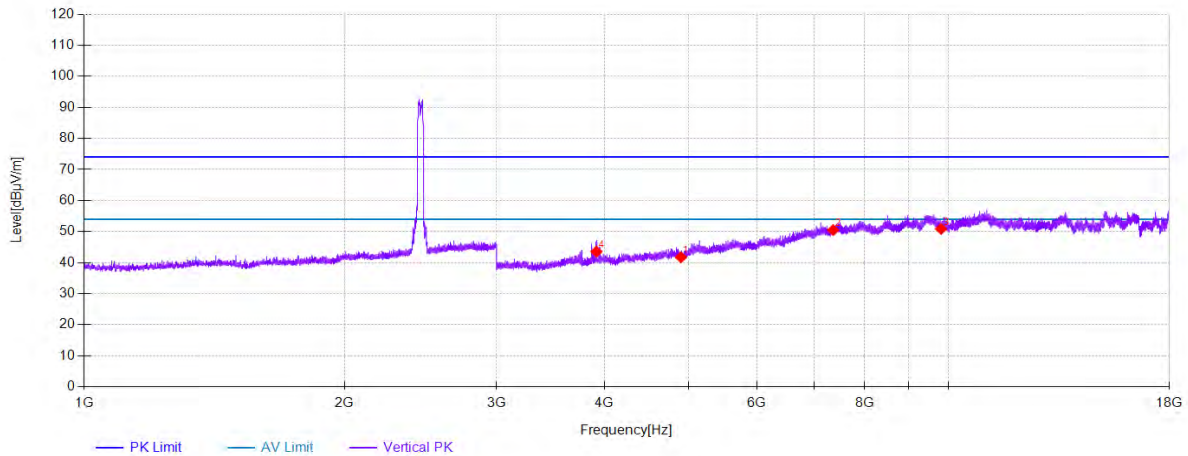


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4904	54.25	30.91	-42.87	42.29	74.00	31.71	142	4	Horizontal
2	7356	52.57	36.52	-38.54	50.55	74.00	23.45	183	272	Horizontal
3	9808	49.53	38.45	-35.66	52.32	74.00	21.68	201	168	Horizontal
4	3875.435	55.25	29.70	-44.38	40.57	54.00	13.43	199	350	Horizontal



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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	53.70	30.91	-42.87	41.74	74.00	32.26	247	14	Vertical
2	7356	52.51	36.52	-38.54	50.49	74.00	23.51	349	128	Vertical
3	9808	48.08	38.45	-35.66	50.87	74.00	23.13	355	168	Vertical
4	3915.0366	58.00	29.76	-44.20	43.56	54.00	10.44	342	196	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:
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$
 $AF = Antenna\ Factor(dB/m)$
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- 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"

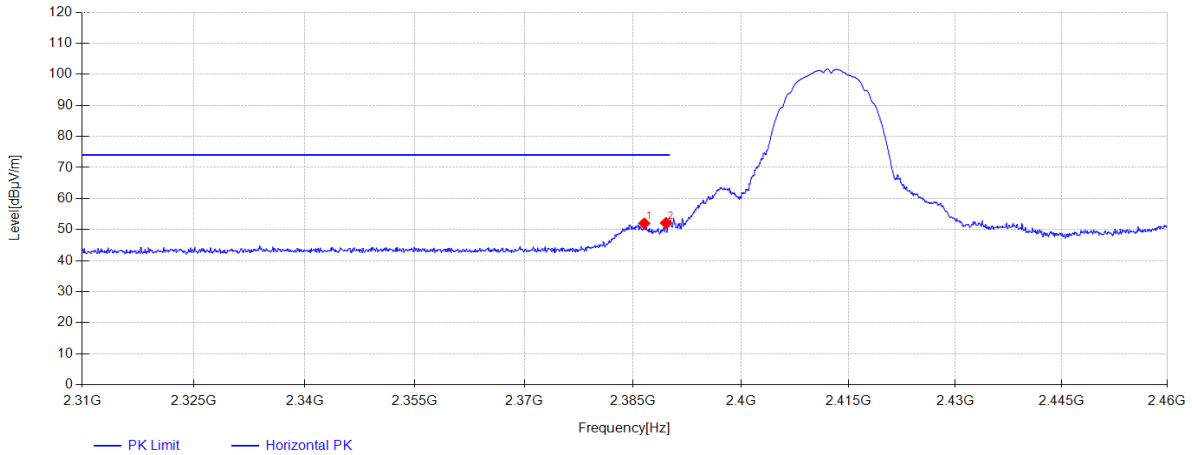


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Restricted bands around fundamental frequency

802.11b_Channel 1

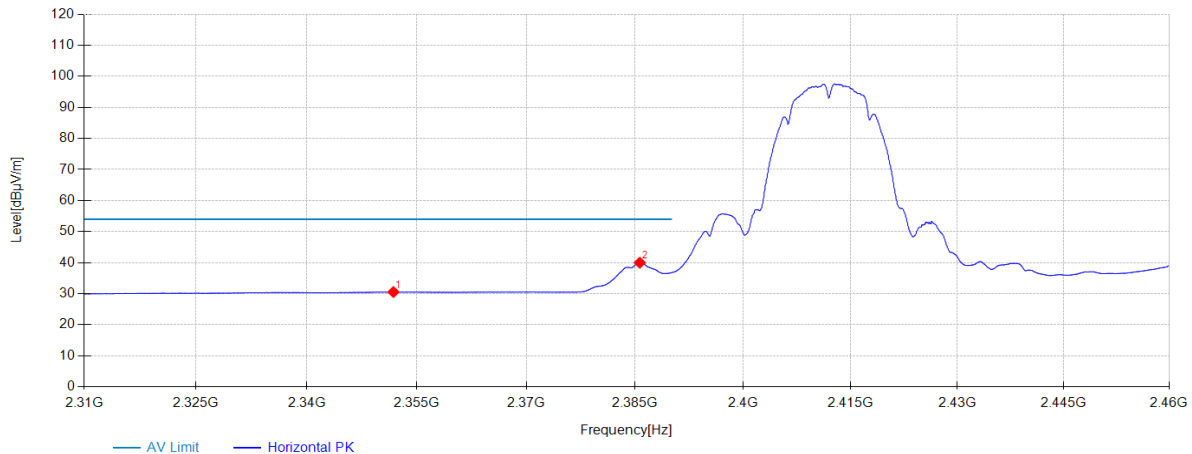


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.5383	47.59	27.45	-23.02	52.02	74.00	21.98	101	217	Horizontal
2	2389.5398	47.73	27.44	-23.02	52.15	74.00	21.85	101	217	Horizontal



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802.11b_Channel 1



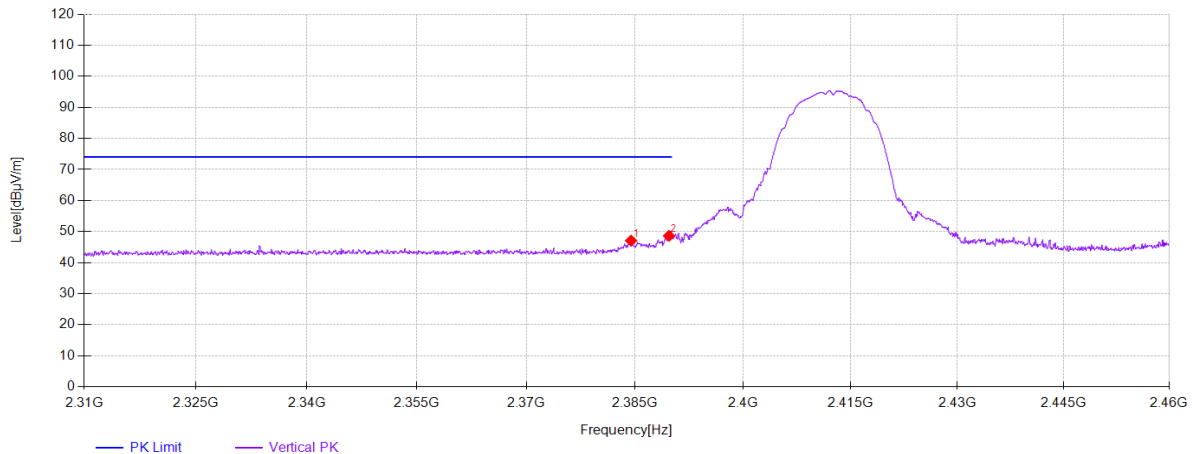
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2351.7959	26.04	27.59	-23.08	30.55	54.00	23.45	101	217	Horizontal
2	2385.6378	35.55	27.46	-23.02	39.99	54.00	14.01	101	217	Horizontal



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802.11b_Channel 1

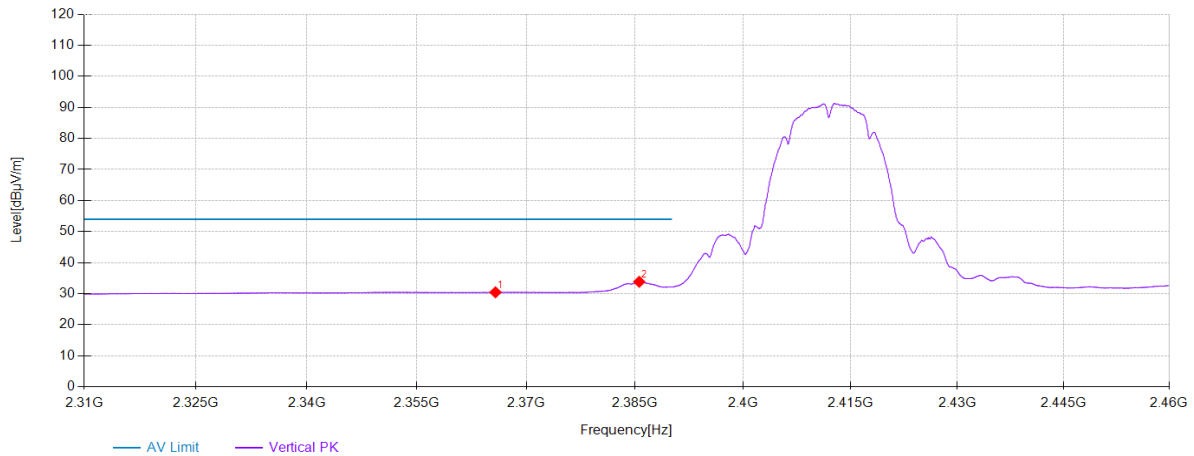


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.4372	42.66	27.46	-23.02	47.10	74.00	26.90	315	183	Vertical
2	2389.6898	44.22	27.44	-23.02	48.64	74.00	25.36	315	183	Vertical



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802.11b_Channel 1



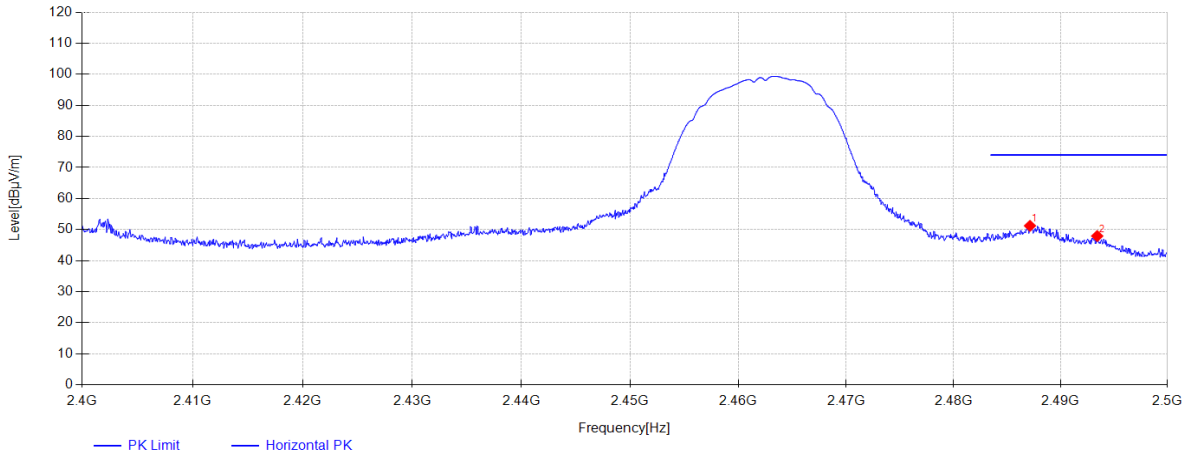
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2365.7529	25.97	27.54	-23.05	30.46	54.00	23.54	315	183	Vertical
2	2385.5628	29.40	27.46	-23.02	33.84	54.00	20.16	315	183	Vertical



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802.11b_Channel 11

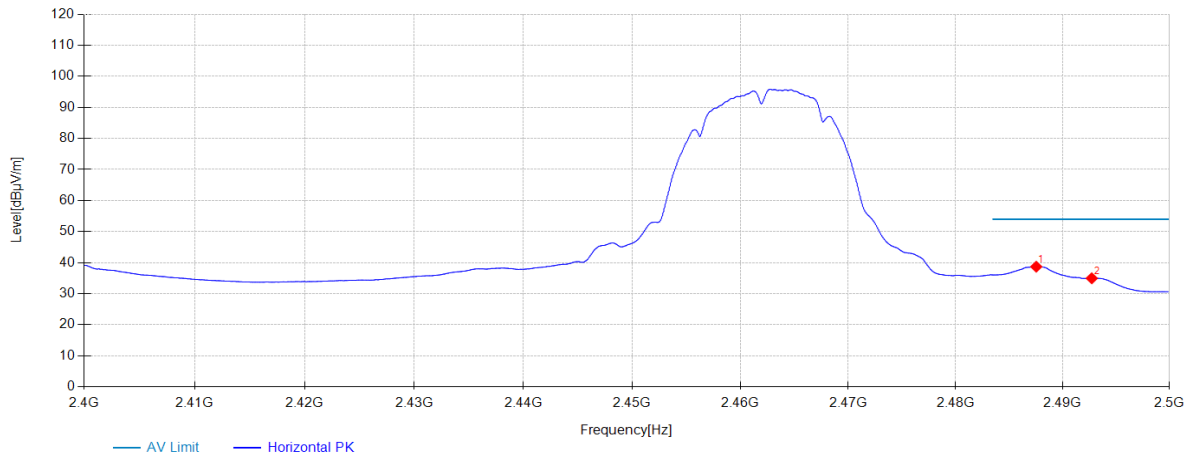


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2487.1436	46.60	27.75	-23.12	51.23	74.00	22.77	240	189	Horizontal
2	2493.4467	43.29	27.77	-23.13	47.93	74.00	26.07	240	189	Horizontal



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802.11b_Channel 11



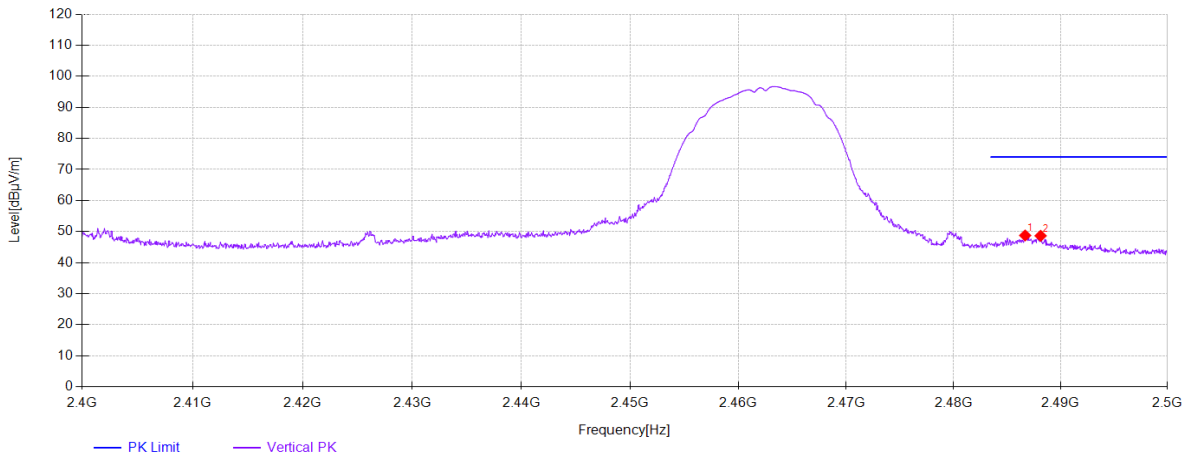
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1	2487.5438	34.08	27.75	-23.12	38.71	54.00	15.29	240	189	Horizontal
2	2492.7464	30.33	27.77	-23.13	34.97	54.00	19.03	240	189	Horizontal



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802.11b_Channel 11

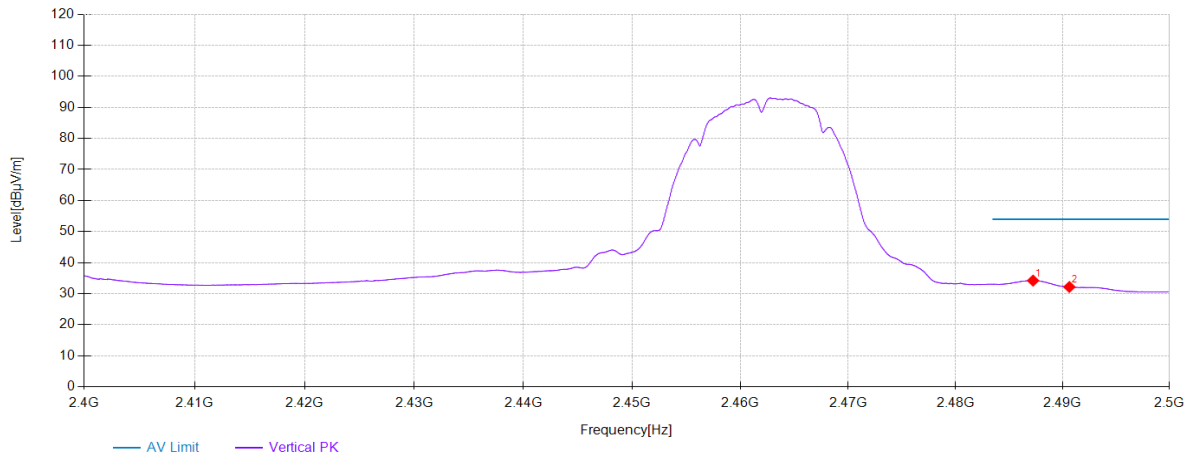


Data List										
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1	2486.6933	44.14	27.75	-23.12	48.77	74.00	25.23	350	238	Vertical
2	2488.1441	44.02	27.75	-23.12	48.65	74.00	25.35	350	238	Vertical



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802.11b_Channel 11

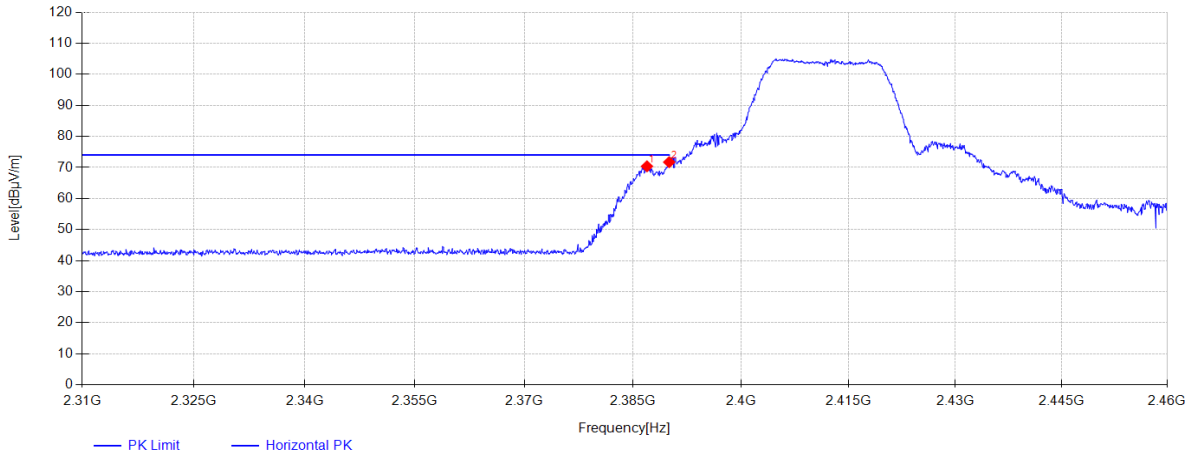


Data List										
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1	2487.2436	29.60	27.75	-23.12	34.23	54.00	19.77	350	238	Vertical
2	2490.6453	27.55	27.76	-23.13	32.18	54.00	21.82	350	238	Vertical



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802.11g_Channel 1

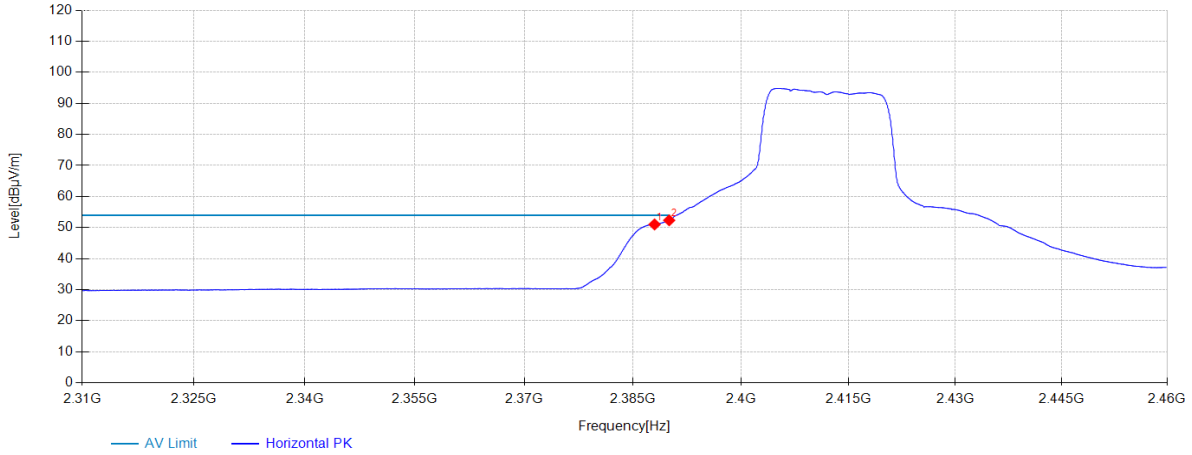


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.9135	65.95	27.45	-23.02	70.38	74.00	3.62	105	186	Horizontal
2	2389.99	67.30	27.44	-23.02	71.72	74.00	2.28	105	186	Horizontal



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802.11g_Channel 1

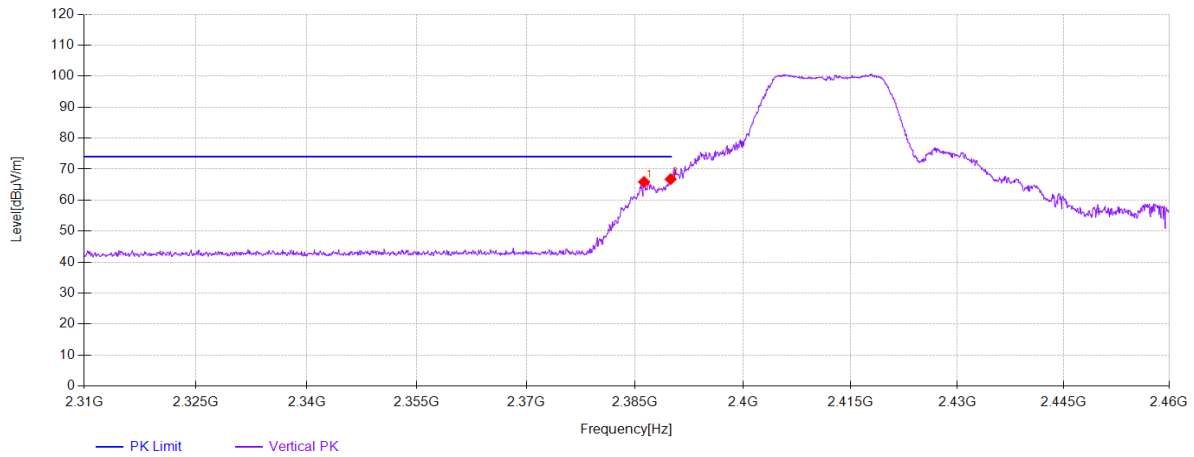


Data List										
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1	2387.964	46.60	27.45	-23.02	51.03	54.00	2.97	105	186	Horizontal
2	2389.99	47.92	27.44	-23.02	52.34	54.00	1.66	105	186	Horizontal



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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	2386.2381	61.42	27.46	-23.02	65.86	74.00	8.14	350	249	Vertical
2	2389.915	62.33	27.44	-23.02	66.75	74.00	7.25	350	249	Vertical

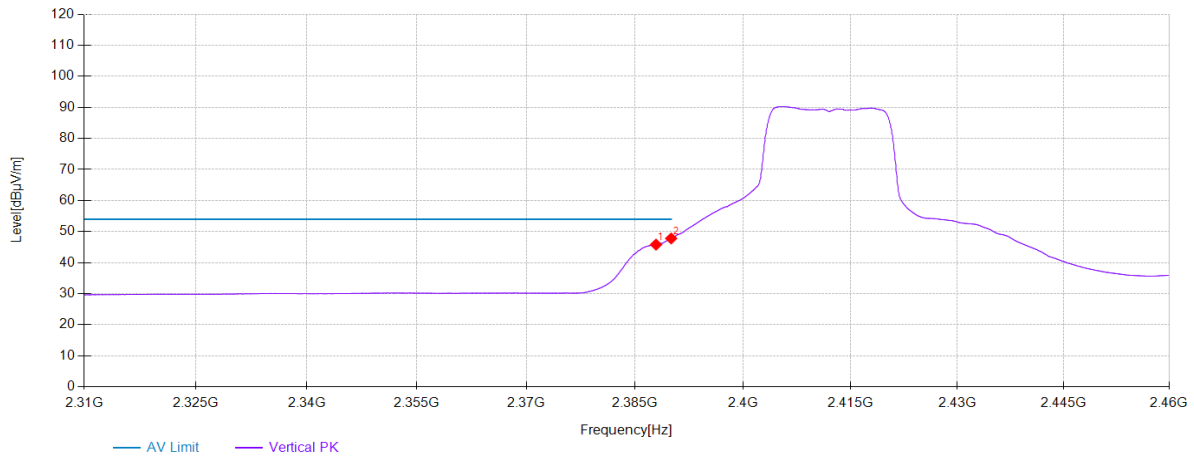


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802.11g_Channel 1

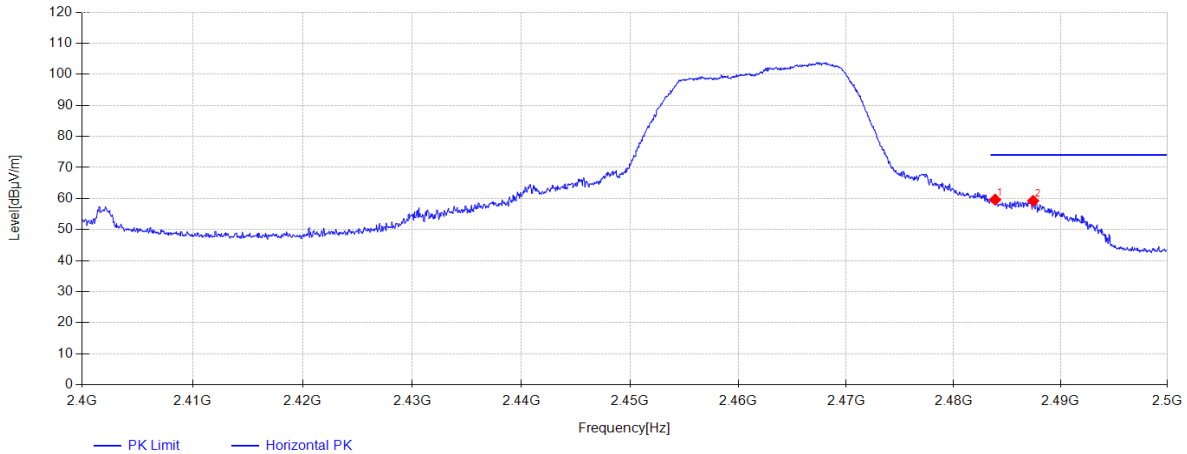


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1	2387.8889	41.37	27.45	-23.02	45.80	54.00	8.20	350	249	Vertical
2	2389.99	43.37	27.44	-23.02	47.79	54.00	6.21	350	249	Vertical



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802.11g_Channel 11



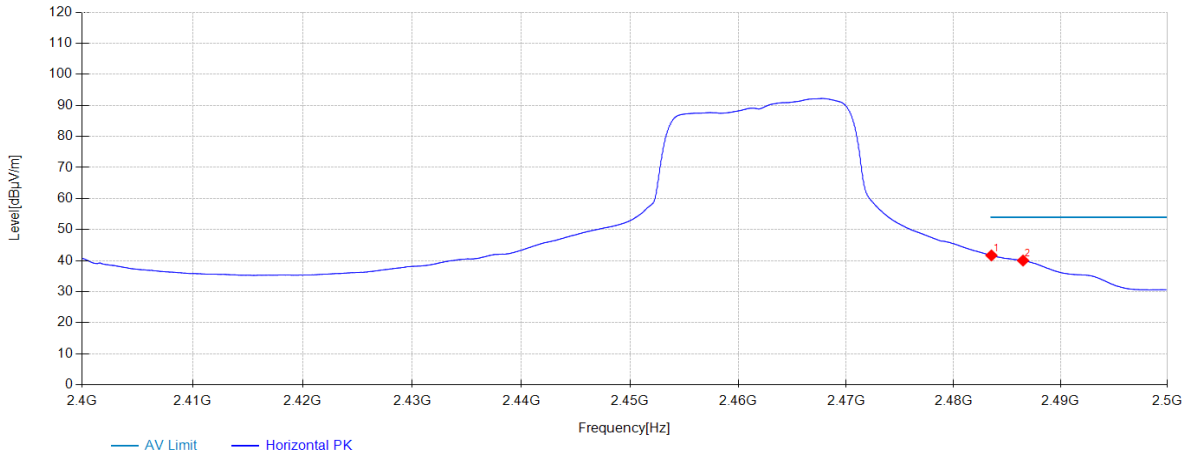
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1	2483.8919	55.03	27.74	-23.12	59.65	74.00	14.35	115	200	Horizontal
2	2487.4437	54.63	27.75	-23.12	59.26	74.00	14.74	115	200	Horizontal



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802.11g_Channel 11

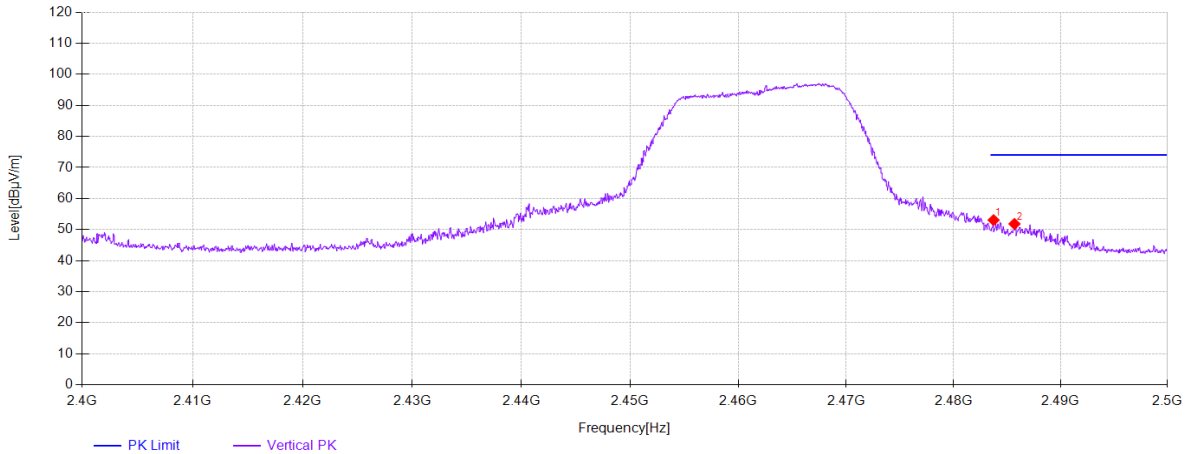


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5418	37.08	27.73	-23.12	41.69	54.00	12.31	115	200	Horizontal
2	2486.4932	35.41	27.75	-23.12	40.04	54.00	13.96	115	200	Horizontal



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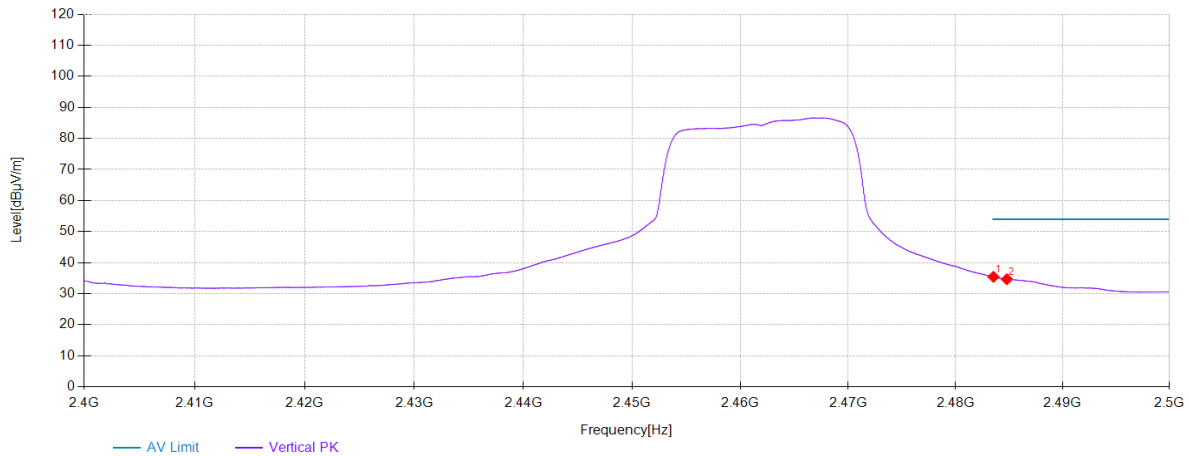
Data List										
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1	2483.7419	48.45	27.73	-23.12	53.06	74.00	20.94	349	220	Vertical
2	2485.6928	47.21	27.74	-23.12	51.83	74.00	22.17	349	220	Vertical



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802.11g_Channel 11



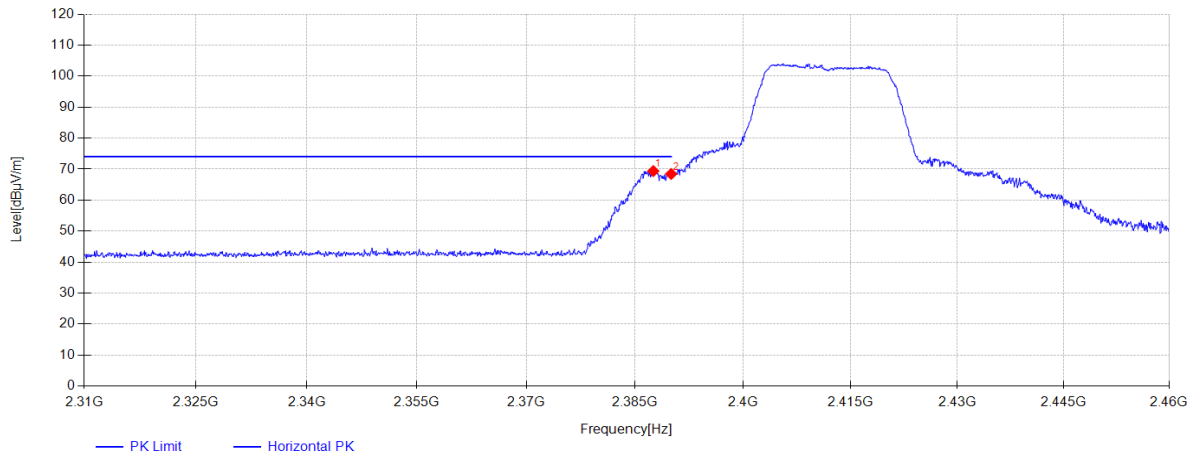
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NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5418	30.82	27.73	-23.12	35.43	54.00	18.57	349	220	Vertical
2	2484.7924	30.04	27.74	-23.12	34.66	54.00	19.34	349	220	Vertical



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802.11n20_Channel 1



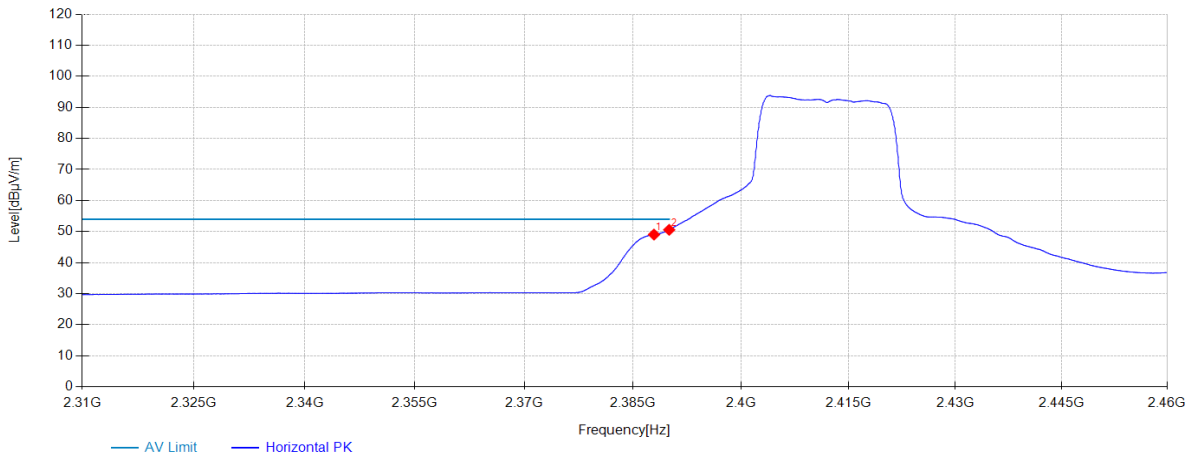
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.5138	64.95	27.45	-23.02	69.38	74.00	4.62	109	176	Horizontal
2	2389.99	64.02	27.44	-23.02	68.44	74.00	5.56	109	176	Horizontal



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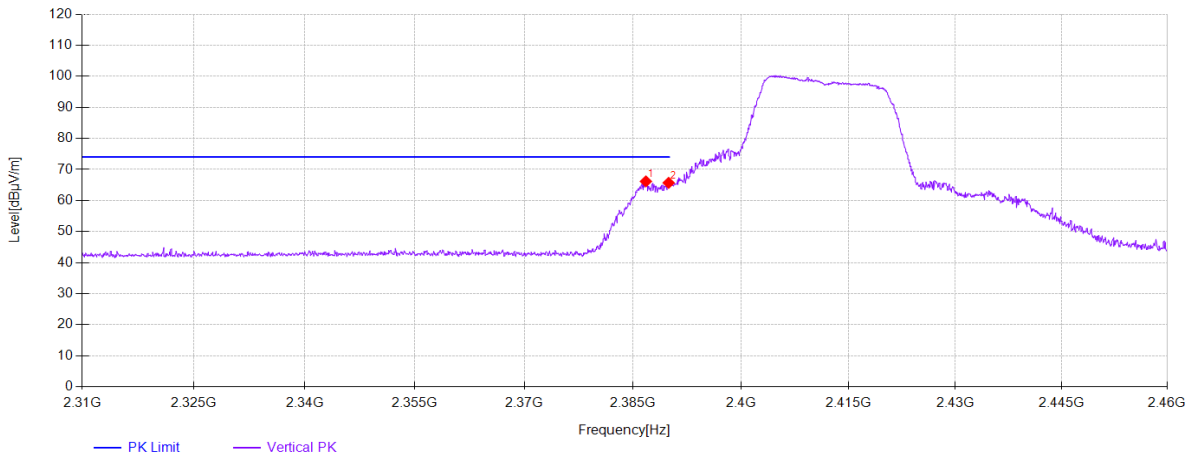
Data List										
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1	2387.8889	44.61	27.45	-23.02	49.04	54.00	4.96	109	176	Horizontal
2	2389.99	46.15	27.44	-23.02	50.57	54.00	3.43	109	176	Horizontal



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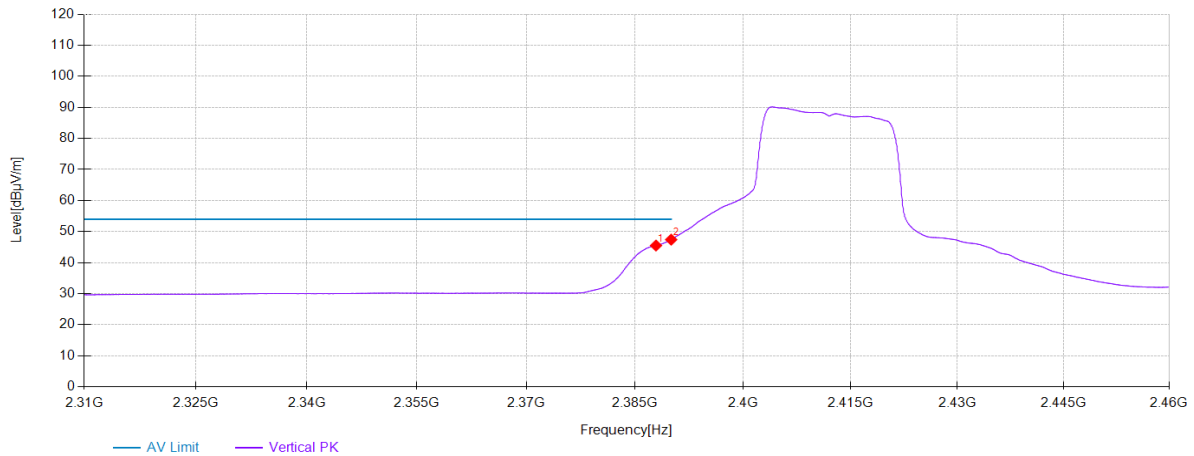
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.7634	61.74	27.45	-23.02	66.17	74.00	7.83	365	240	Vertical
2	2389.915	61.28	27.44	-23.02	65.70	74.00	8.30	365	240	Vertical



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802.11n20_Channel 1

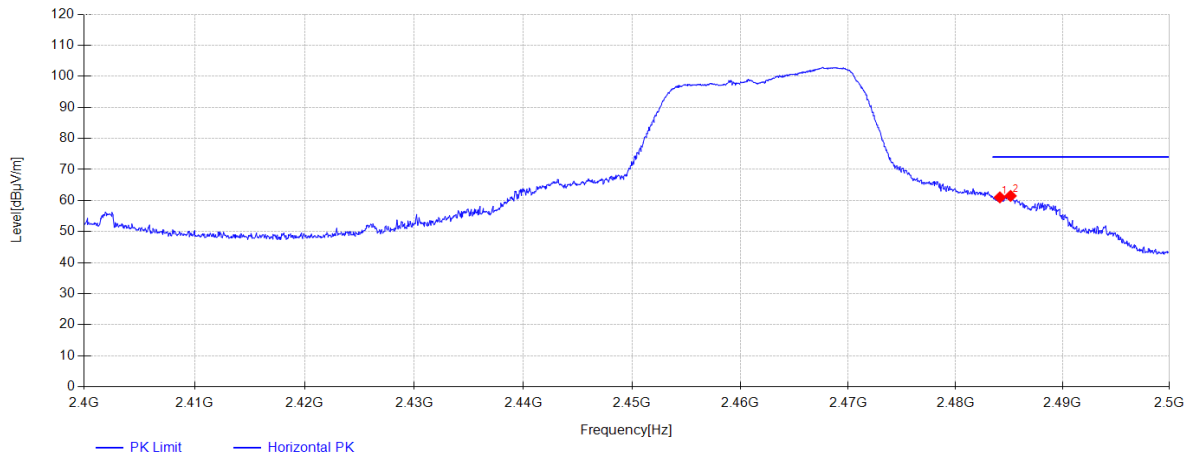


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.8889	41.09	27.45	-23.02	45.52	54.00	8.48	365	240	Vertical
2	2389.99	42.99	27.44	-23.02	47.41	54.00	6.59	365	240	Vertical



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802.11n20_Channel 11

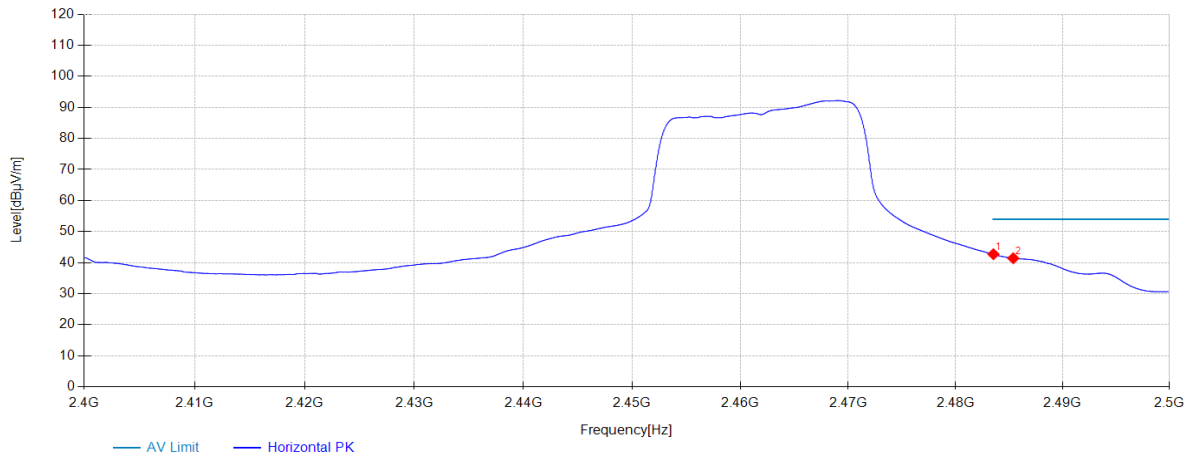


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.1421	56.40	27.74	-23.12	61.02	74.00	12.98	123	178	Horizontal
2	2485.1426	56.87	27.74	-23.12	61.49	74.00	12.51	123	178	Horizontal



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802.11n20_Channel 11



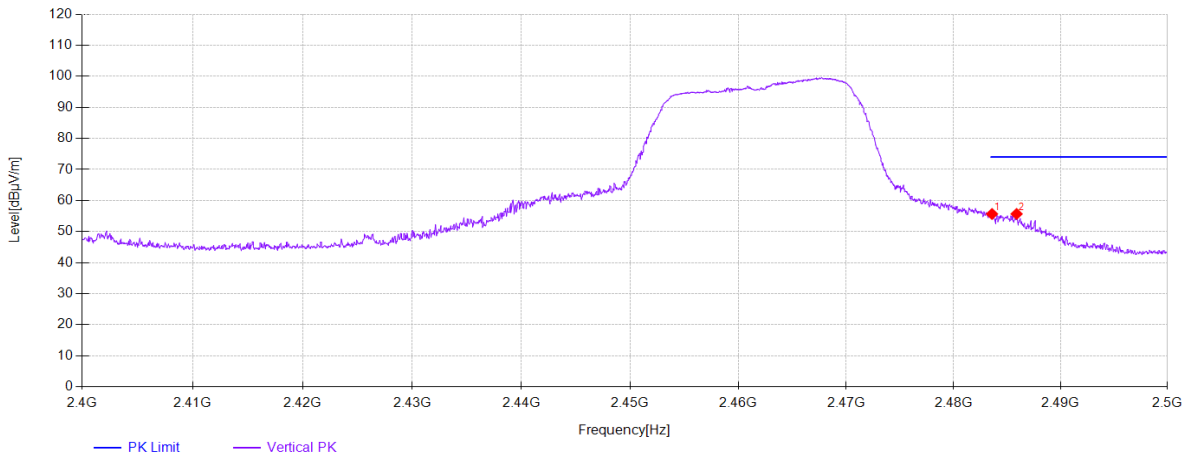
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1	2483.5418	38.11	27.73	-23.12	42.72	54.00	11.28	123	178	Horizontal
2	2485.3927	36.80	27.74	-23.12	41.42	54.00	12.58	123	178	Horizontal



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802.11n20_Channel 11

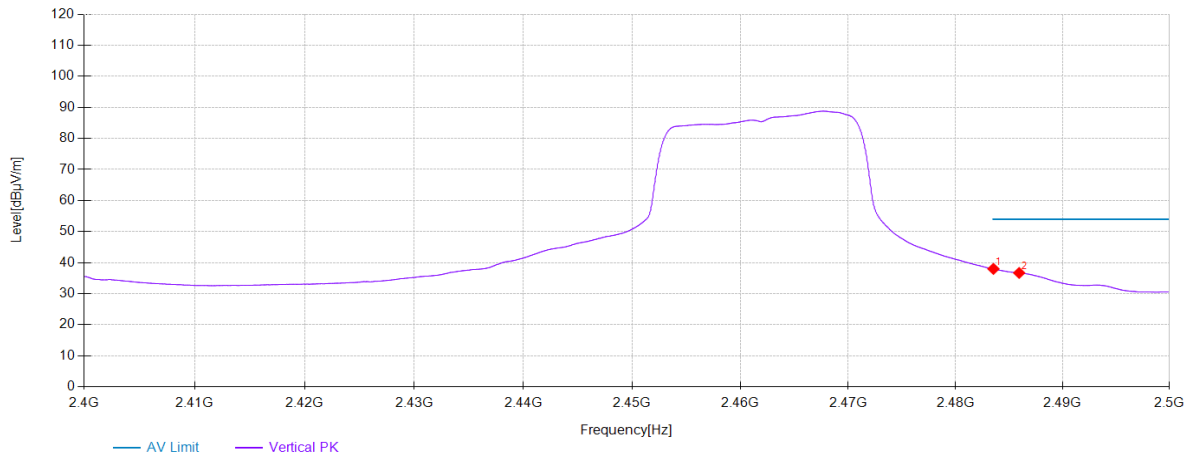


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.5918	51.07	27.73	-23.12	55.68	74.00	18.32	349	242	Vertical
2	2485.8929	51.07	27.74	-23.12	55.69	74.00	18.31	349	242	Vertical



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802.11n20_Channel 11



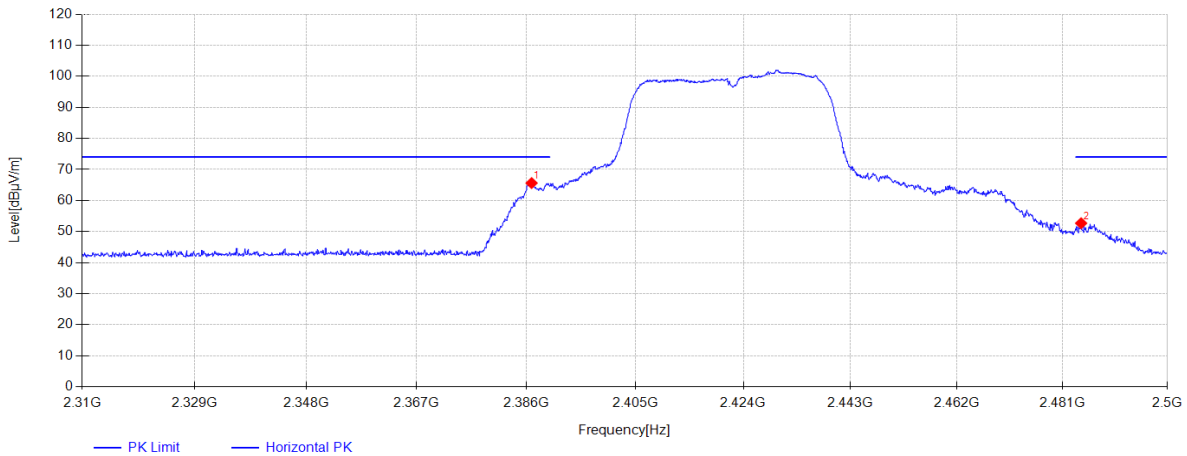
Data List										
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1	2483.5418	33.39	27.73	-23.12	38.00	54.00	16.00	349	242	Vertical
2	2485.943	32.07	27.74	-23.12	36.69	54.00	17.31	349	242	Vertical



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802.11n40_Channel 3



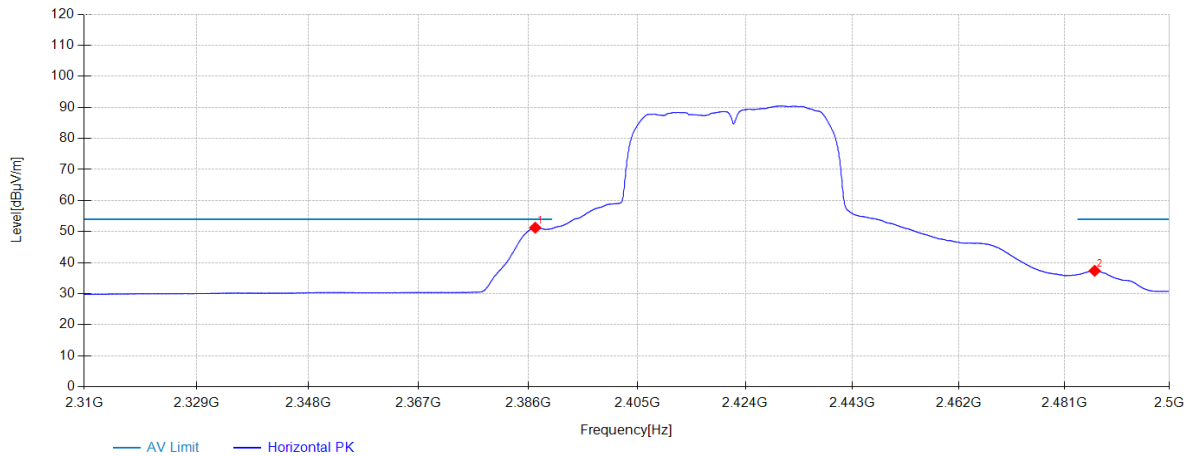
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1	2386.8934	61.20	27.45	-23.02	65.63	74.00	8.37	107	195	Horizontal
2	2484.4122	48.07	27.74	-23.12	52.69	74.00	21.31	107	195	Horizontal



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802.11n40_Channel 3

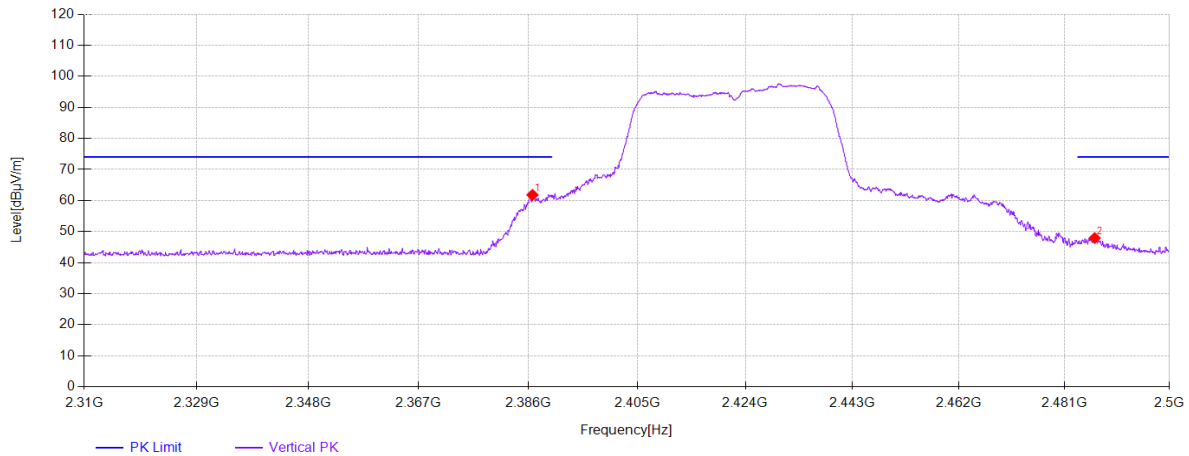


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.1786	46.83	27.45	-23.02	51.26	54.00	2.74	107	195	Horizontal
2	2486.5033	32.75	27.75	-23.12	37.38	54.00	16.62	107	195	Horizontal



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802.11n40_Channel 3

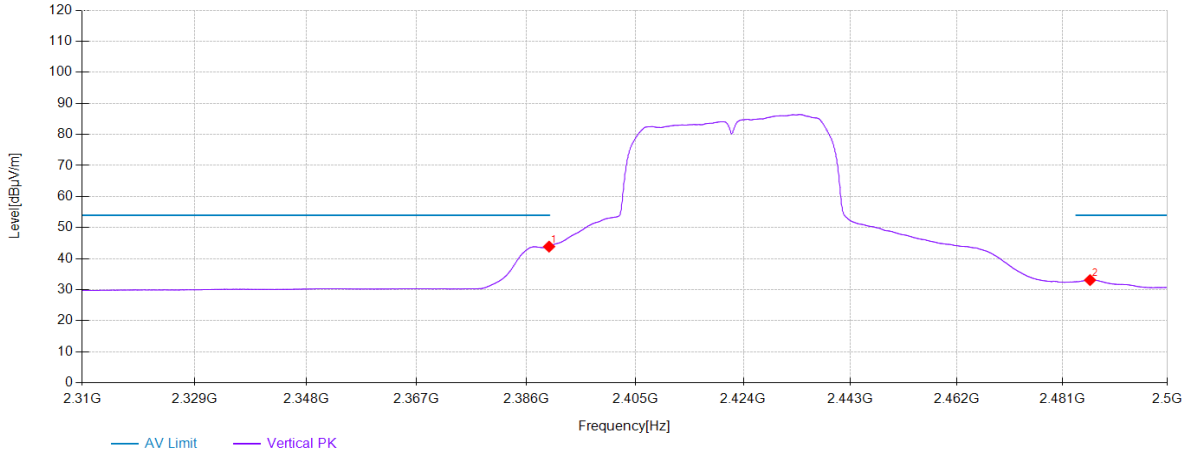


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.7034	57.39	27.45	-23.02	61.82	74.00	12.18	350	250	Vertical
2	2486.5033	43.29	27.75	-23.12	47.92	74.00	26.08	350	250	Vertical



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802.11n40_Channel 3

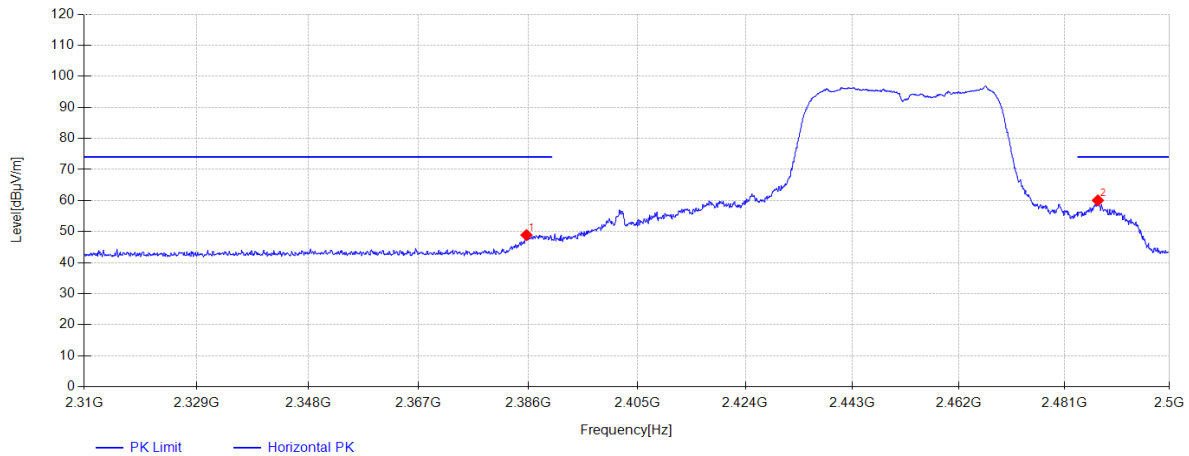


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2389.935	39.46	27.44	-23.02	43.88	54.00	10.12	350	250	Vertical
2	2486.028	28.48	27.74	-23.12	33.10	54.00	20.90	350	250	Vertical



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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	2385.6578	44.46	27.46	-23.02	48.90	74.00	25.10	105	168	Horizontal
2	2487.0735	55.42	27.75	-23.12	60.05	74.00	13.95	105	168	Horizontal

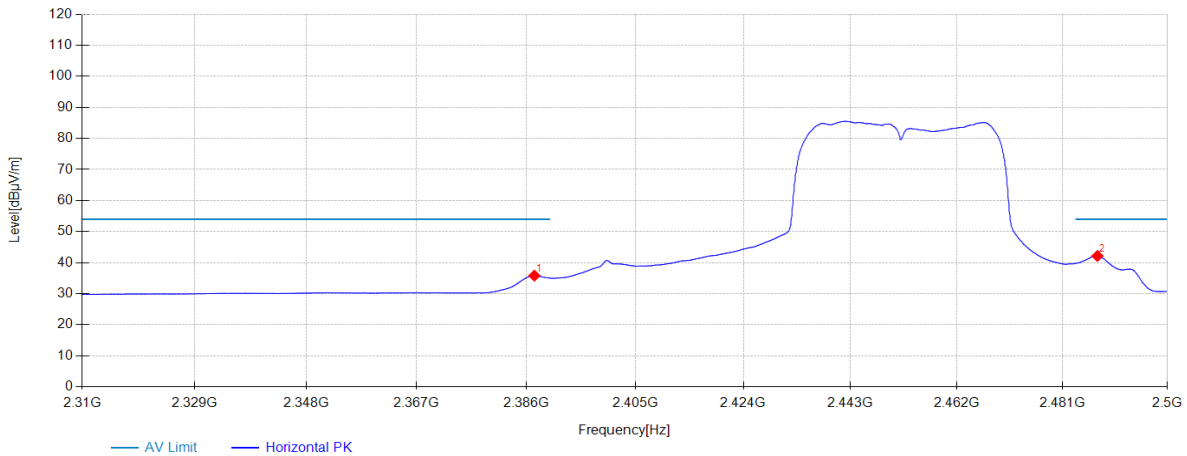


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802.11n40_Channel 9

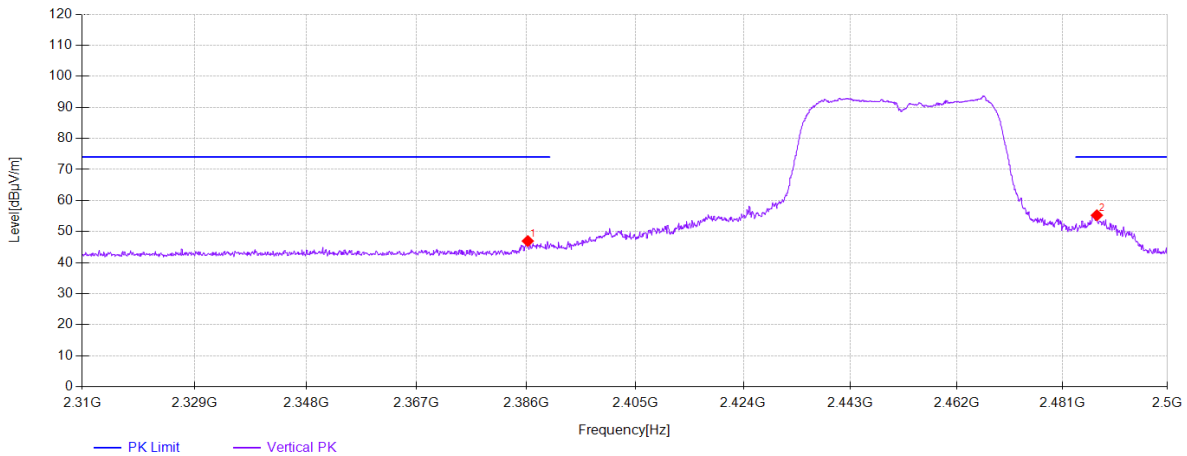


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.3687	31.39	27.45	-23.02	35.82	54.00	18.18	105	168	Horizontal
2	2487.3587	37.53	27.75	-23.12	42.16	54.00	11.84	105	168	Horizontal



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802.11n40_Channel 9

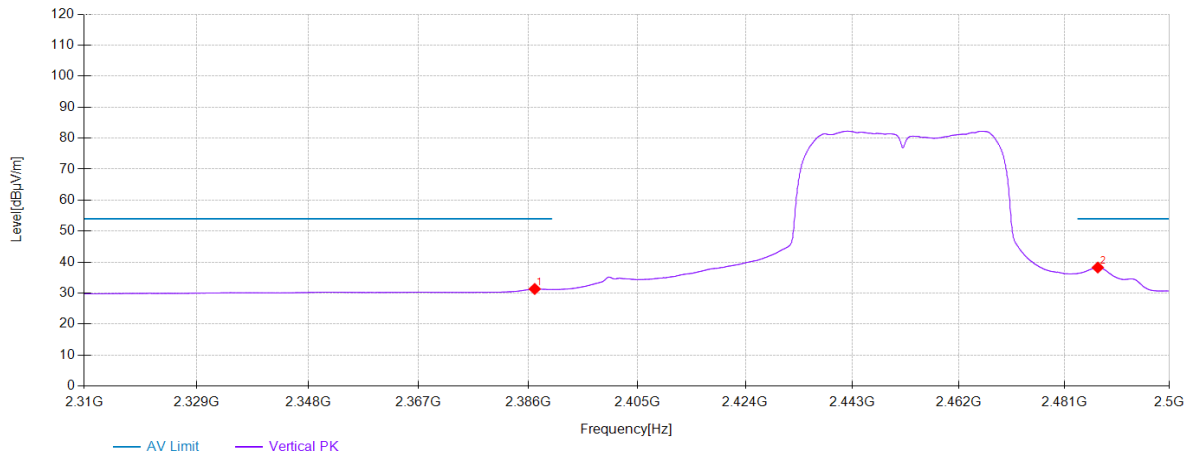


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2386.2281	42.52	27.46	-23.02	46.96	74.00	27.04	348	236	Vertical
2	2487.2636	50.62	27.75	-23.12	55.25	74.00	18.75	348	236	Vertical



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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	2387.0835	26.91	27.45	-23.02	31.34	54.00	22.66	348	236	Vertical
2	2487.0735	33.63	27.75	-23.12	38.26	54.00	15.74	348	236	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:
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$
 $AF = Antenna\ Factor(dB/m)$
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- Both peak and average measured complies with the limit line, so test result is "PASS"

---End of Report---

