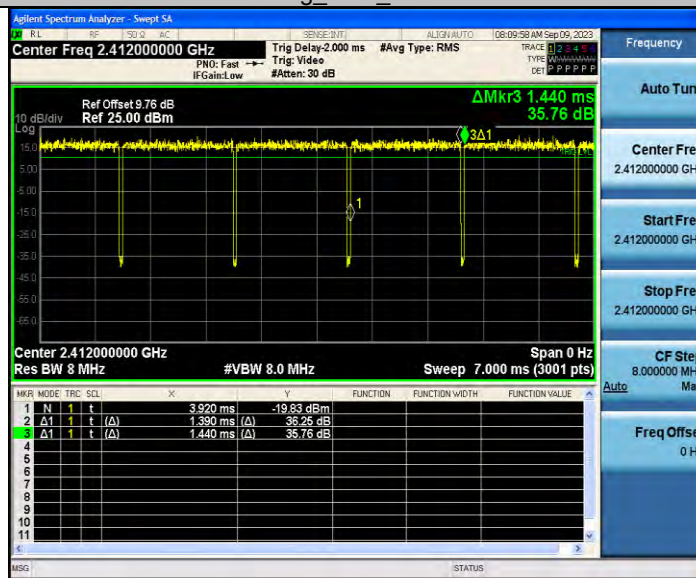


11b_Ant1_2462



11g_Ant1_2412

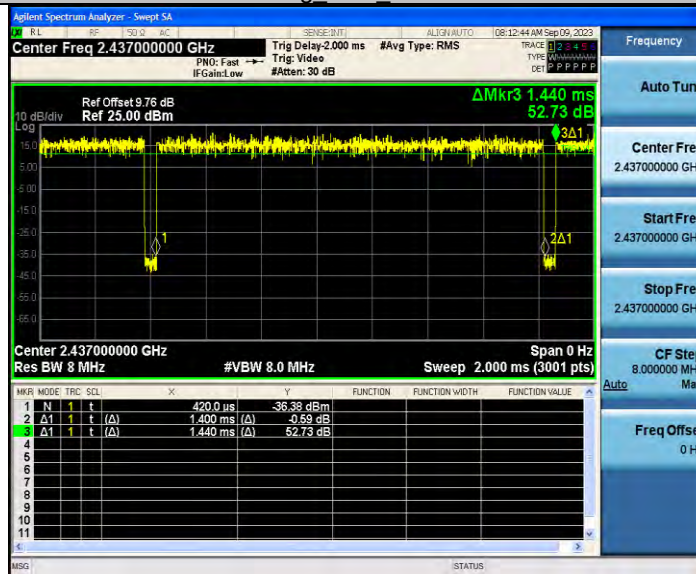


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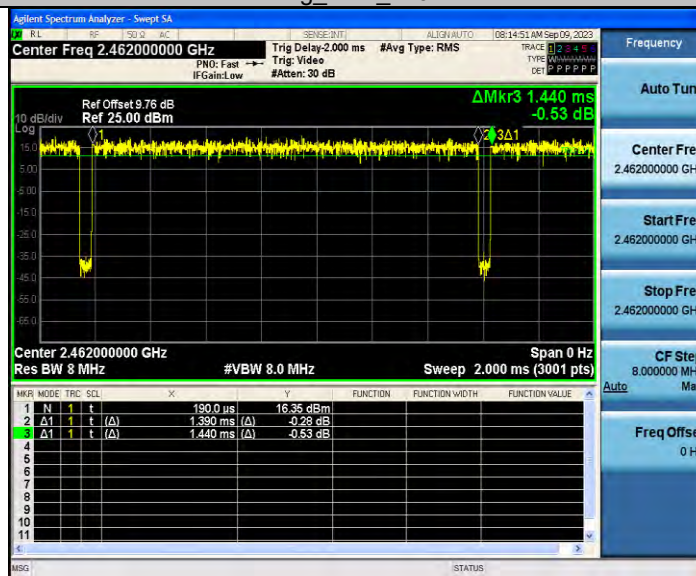
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11g_Ant1_2437

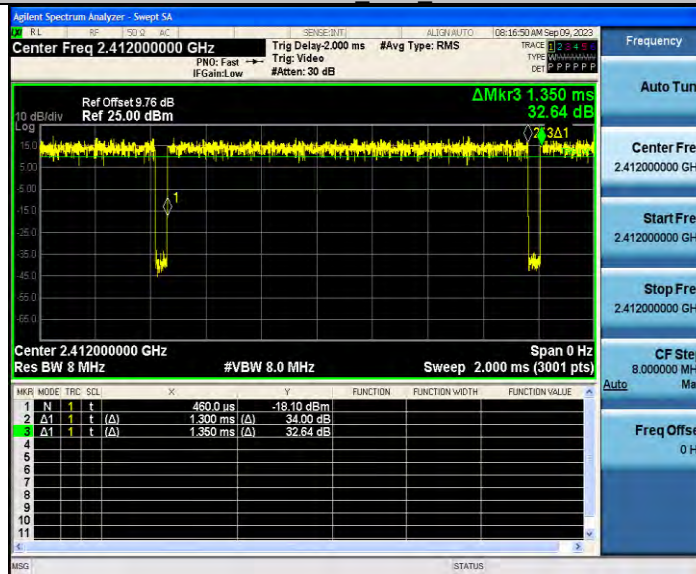


11g_Ant1_2462

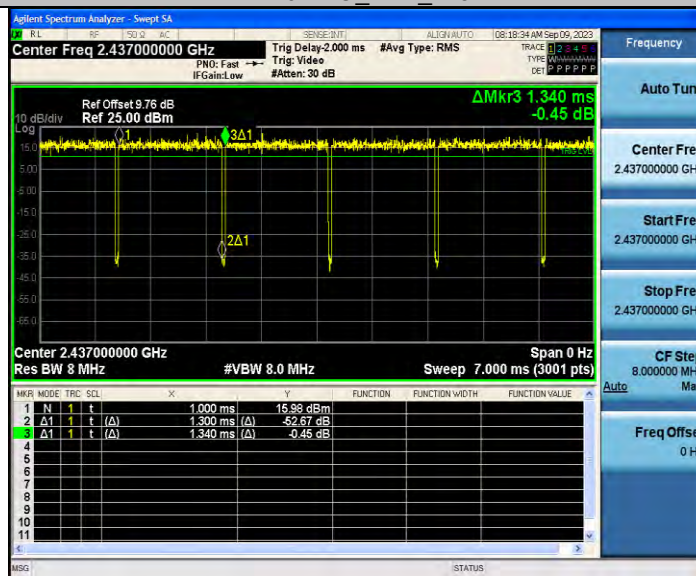


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11n20SISO_Ant1_2412



11n20SISO_Ant1_2437



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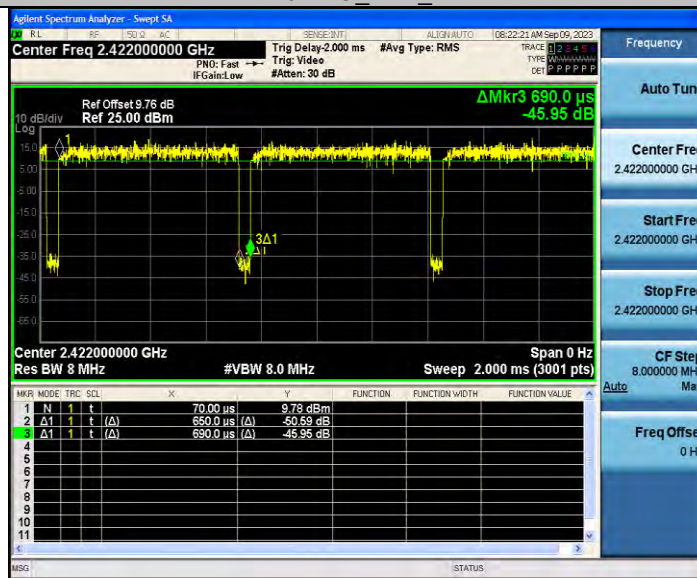
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11n20SISO_Ant1_2462



11n40SISO_Ant1_2422



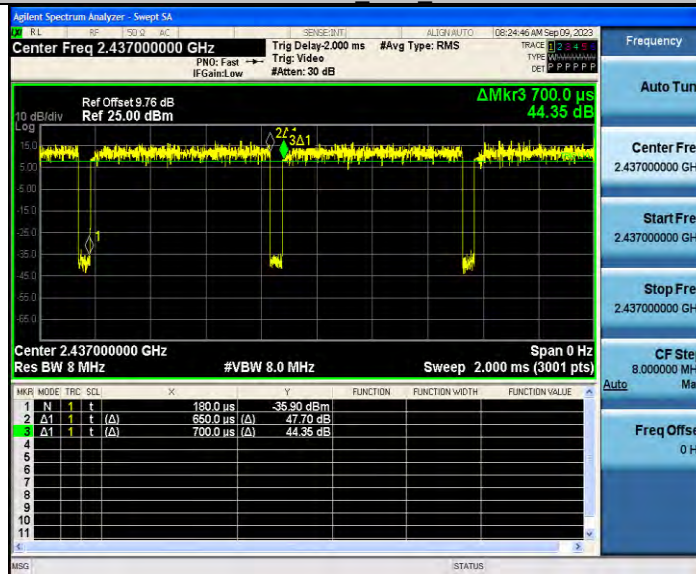
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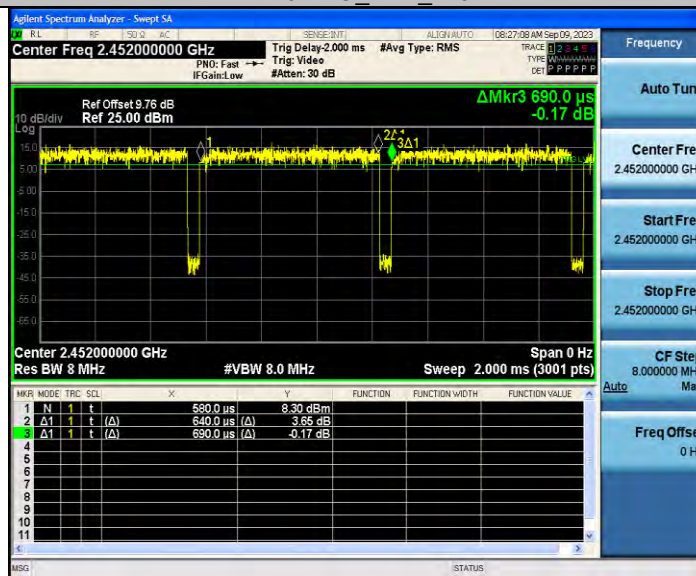
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11n40SISO_Ant1_2437



11n40SISO_Ant1_2452



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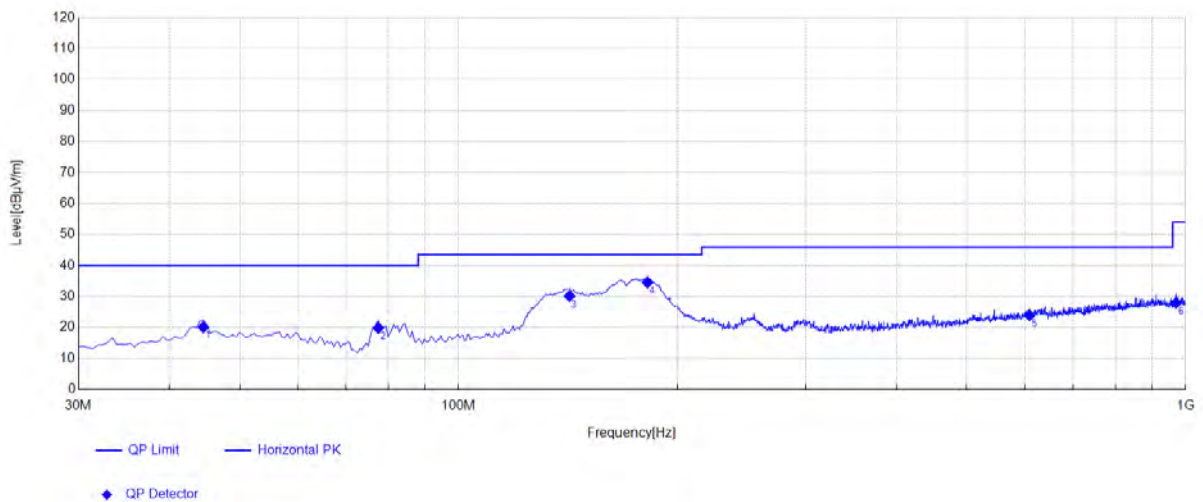
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Radiated Spurious Emissions
Radiated emission below 1GHz
Worst case Mode: 802.11n40_Channel 3



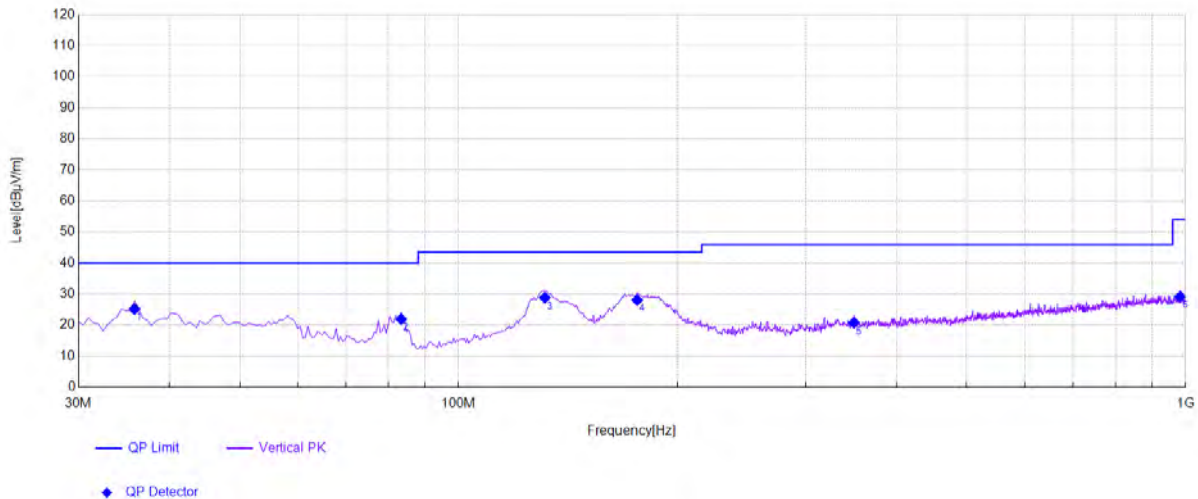
Data List								
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading [dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	44.5573	13.86	-27.85	34.12	20.13	40.00	19.87	Horizontal
2	77.5538	7.16	-27.26	39.98	19.88	40.00	20.12	Horizontal
3	142.091	7.59	-26.50	49.05	30.14	43.50	13.36	Horizontal
4	181.8809	9.28	-26.50	51.75	34.53	43.50	8.97	Horizontal
5	609.8649	19.30	-24.55	29.17	23.92	46.00	22.08	Horizontal
6	969.915	22.11	-23.39	29.19	27.91	54.00	26.09	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]	Polarity
1	35.8229	11.73	-27.99	41.46	25.20	40.00	14.80	Vertical
2	83.3767	8.15	-27.36	41.16	21.95	40.00	18.05	Vertical
3	131.4157	8.02	-26.66	47.48	28.84	43.50	14.66	Vertical
4	176.058	9.29	-26.48	45.28	28.09	43.50	15.41	Vertical
5	349.7749	15.07	-25.72	31.46	20.81	46.00	25.19	Vertical
6	983.0165	22.40	-23.55	30.3	29.15	54.00	24.85	Vertical

Remark:

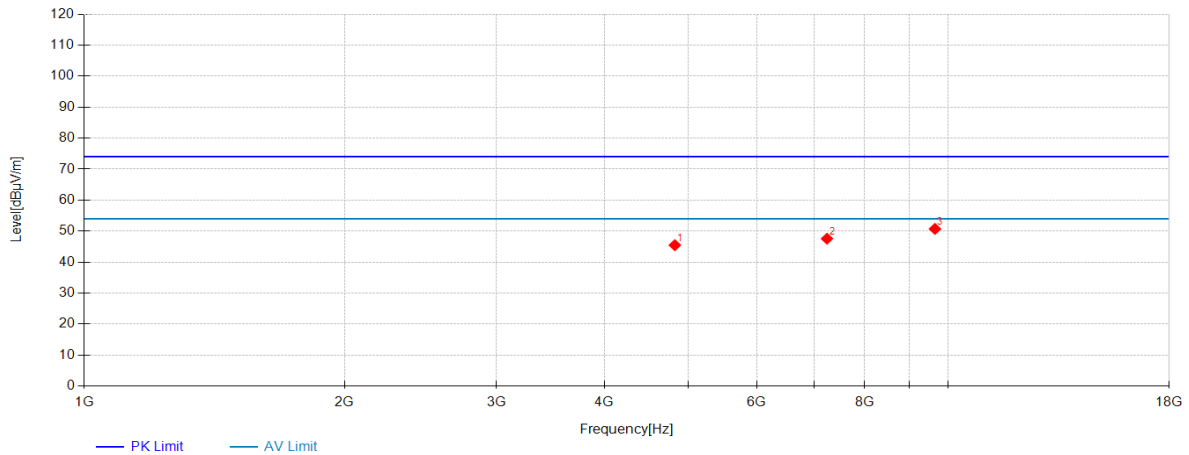
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
 Value = Reading(dBµV) + AF(dB/m) + Factor(dB);
 AF = Antenna Factor(dB/m)
 Factor = Cable Factor(dB) - Preamplifier gain(dB)
 Margin = Limit(dBµV/m)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



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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]	Polarity
1	4824.3733	57.71	30.70	-42.93	45.48	74.00	28.52	Horizontal
2	7236	49.96	36.38	-38.77	47.57	74.00	26.43	Horizontal
3	9648	48.59	38.09	-35.97	50.71	74.00	23.29	Horizontal

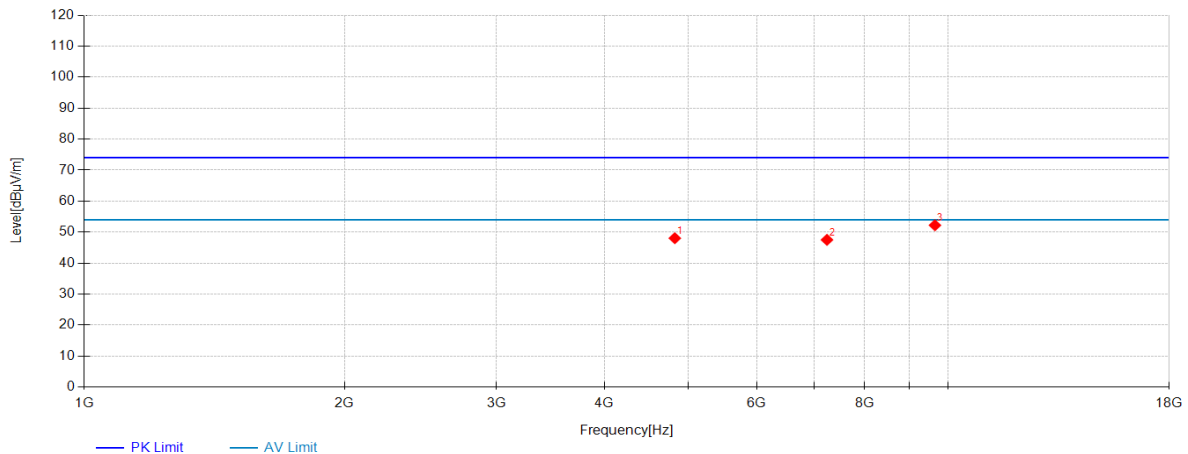


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802.11b_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4823.856	60.27	30.70	-42.93	48.04	74.00	25.96	Vertical
2	7236	49.91	36.38	-38.77	47.52	74.00	26.48	Vertical
3	9648	50.10	38.09	-35.97	52.22	74.00	21.78	Vertical

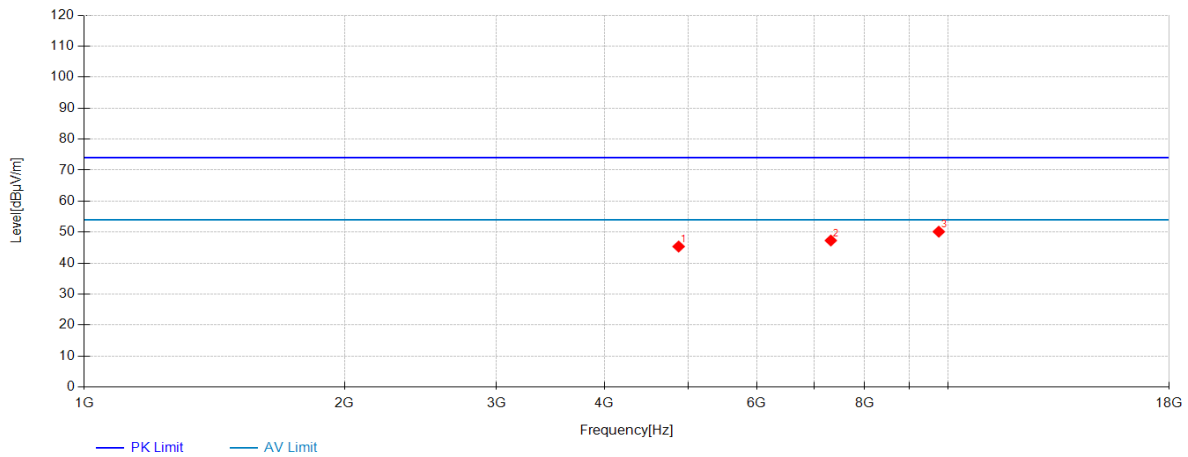


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802.11b_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4873.5129	57.51	30.74	-42.90	45.35	74.00	28.65	Horizontal
2	7311	49.68	36.42	-38.81	47.29	74.00	26.71	Horizontal
3	9748	47.88	38.30	-36.04	50.14	74.00	23.86	Horizontal

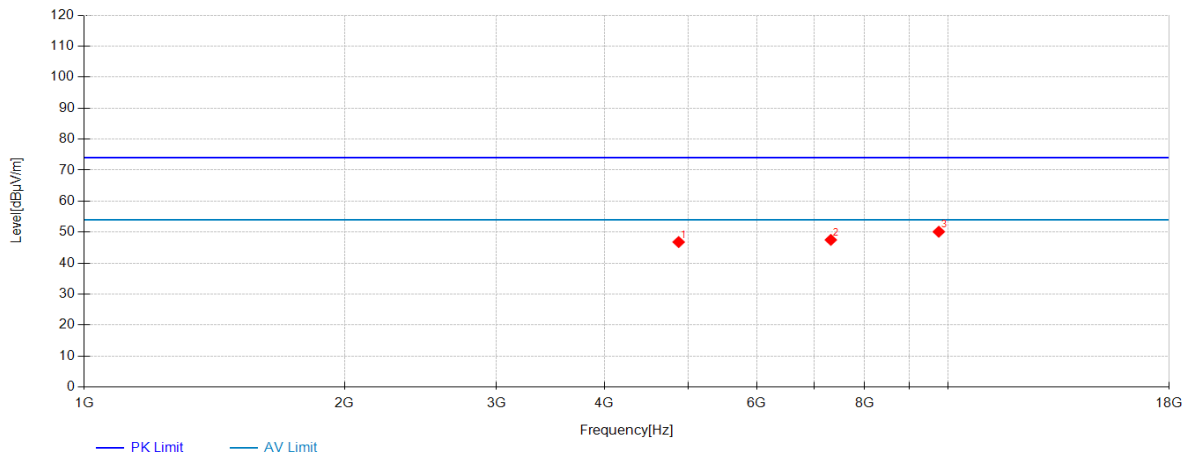


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802.11b_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874.0301	58.96	30.74	-42.90	46.80	74.00	27.20	Vertical
2	7311	49.89	36.42	-38.81	47.50	74.00	26.50	Vertical
3	9748	47.87	38.30	-36.04	50.13	74.00	23.87	Vertical

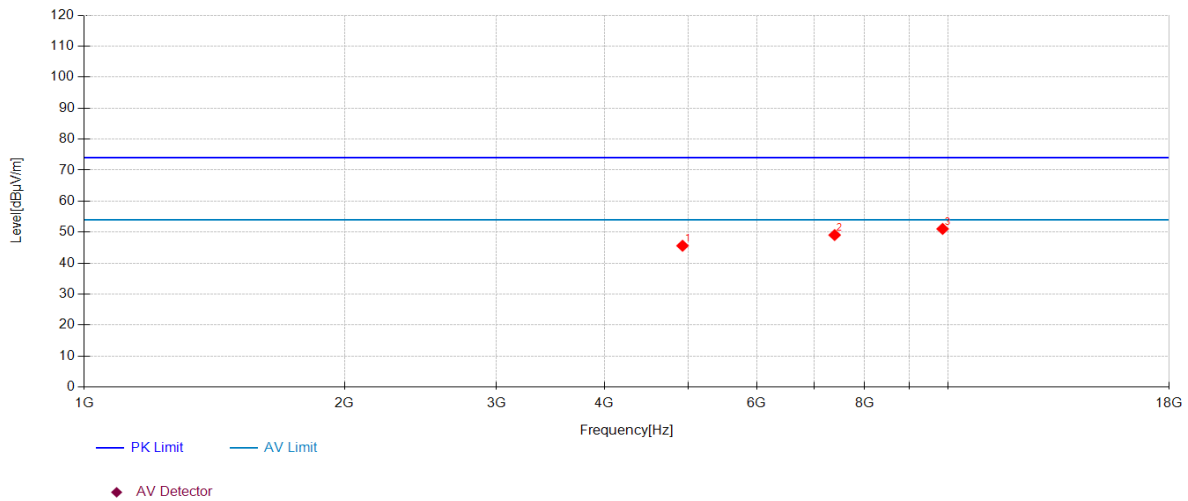


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802.11b_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924.2043	57.49	30.95	-42.84	45.60	74.00	28.40	Horizontal
2	7386	50.77	36.65	-38.36	49.06	74.00	24.94	Horizontal
3	9848	48.19	38.21	-35.36	51.04	74.00	22.96	Horizontal

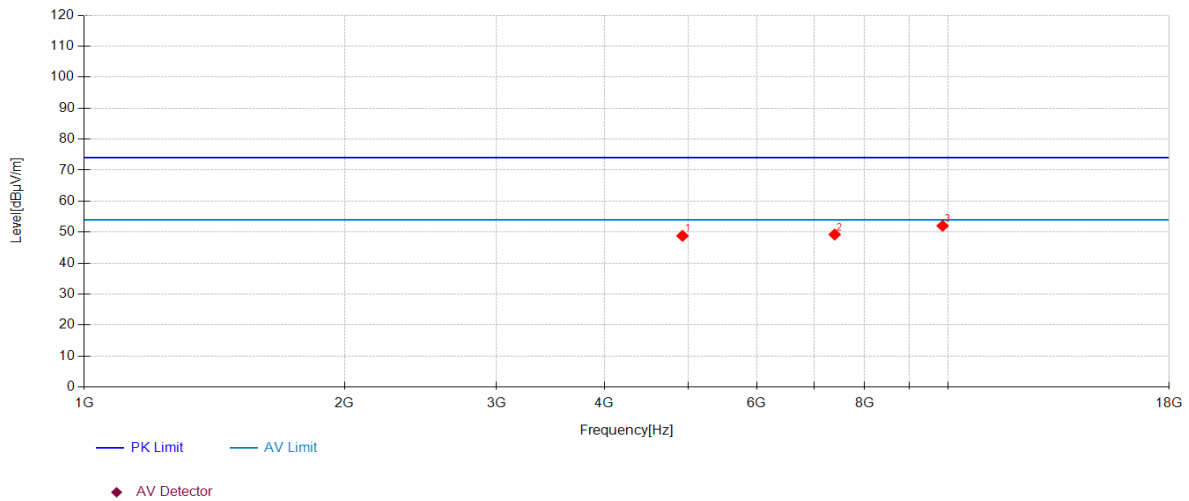


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802.11b_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924.2043	60.69	30.95	-42.84	48.80	74.00	25.20	Vertical
2	7386	50.94	36.65	-38.36	49.23	74.00	24.77	Vertical
3	9848	49.18	38.21	-35.36	52.03	74.00	21.97	Vertical

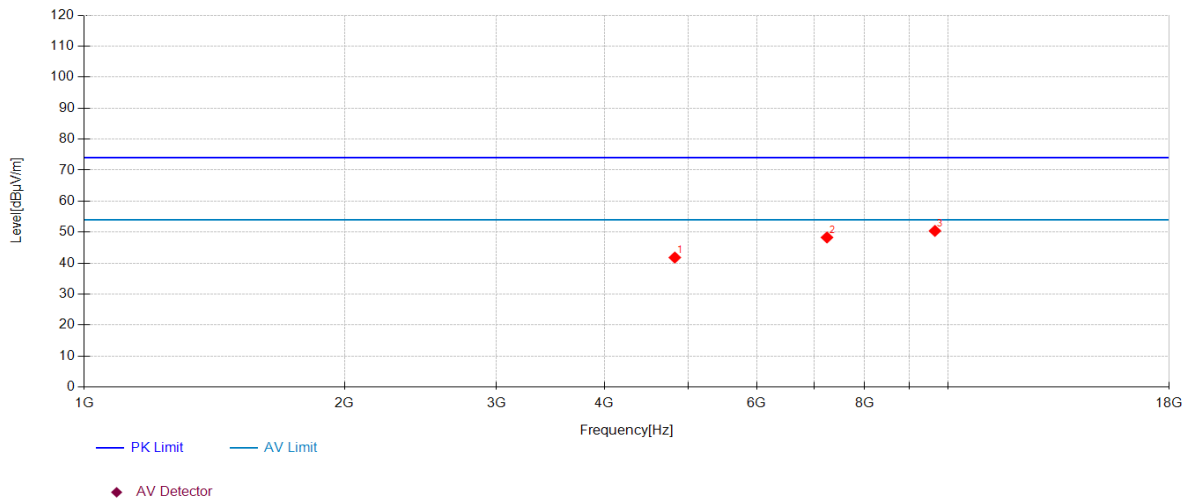


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802.11g_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4824	54.03	30.70	-42.93	41.80	74.00	32.20	Horizontal
2	7236	50.67	36.38	-38.77	48.28	74.00	25.72	Horizontal
3	9648	48.28	38.09	-35.97	50.40	74.00	23.60	Horizontal

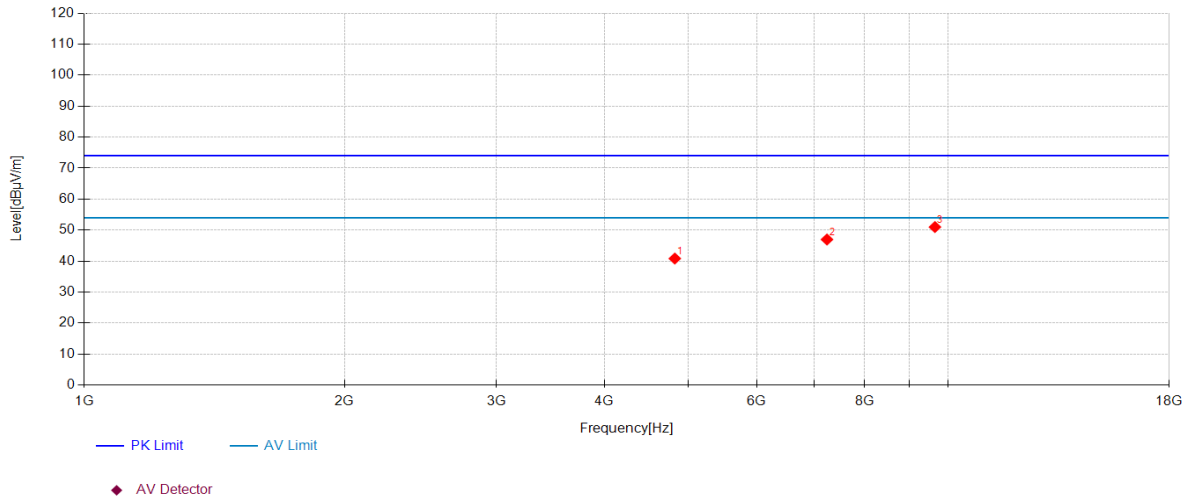


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802.11g_Channel 1

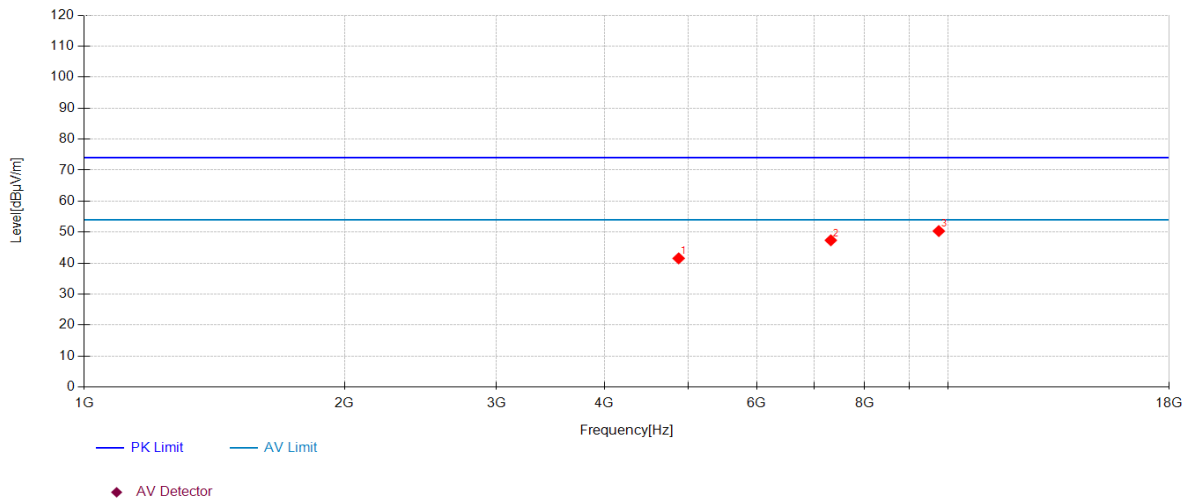


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4824	53.07	30.70	-42.93	40.84	74.00	33.16	Vertical
2	7236	49.36	36.38	-38.77	46.97	74.00	27.03	Vertical
3	9648	48.88	38.09	-35.97	51.00	74.00	23.00	Vertical



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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]	Polarity
1	4874	53.70	30.74	-42.90	41.54	74.00	32.46	Horizontal
2	7311	49.75	36.42	-38.81	47.36	74.00	26.64	Horizontal
3	9748	48.09	38.30	-36.04	50.35	74.00	23.65	Horizontal

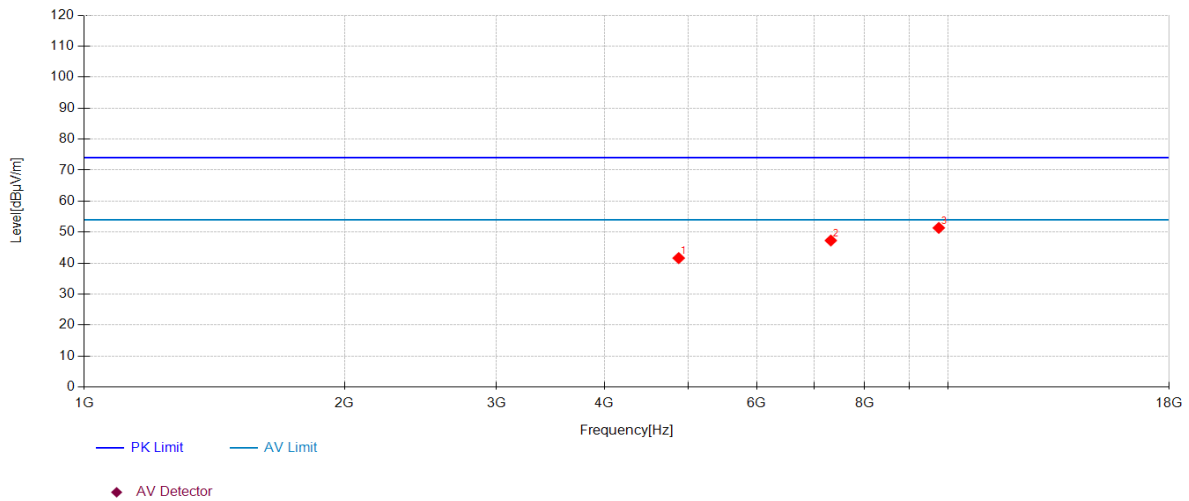


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802.11g_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	53.79	30.74	-42.90	41.63	74.00	32.37	Vertical
2	7311	49.68	36.42	-38.81	47.29	74.00	26.71	Vertical
3	9748	49.10	38.30	-36.04	51.36	74.00	22.64	Vertical

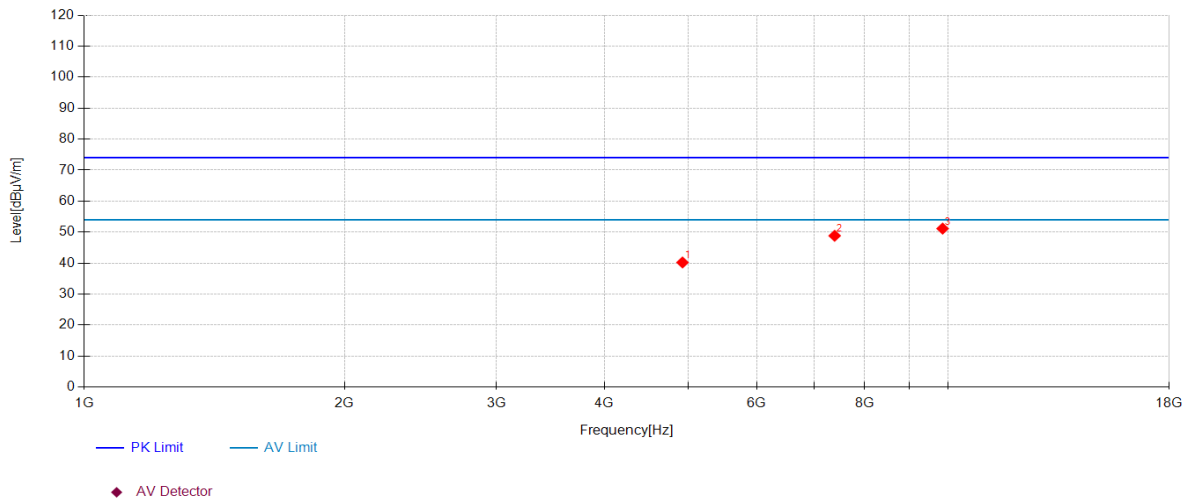


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802.11g_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	52.10	30.95	-42.84	40.21	74.00	33.79	Horizontal
2	7386	50.54	36.65	-38.36	48.83	74.00	25.17	Horizontal
3	9848	48.29	38.21	-35.36	51.14	74.00	22.86	Horizontal

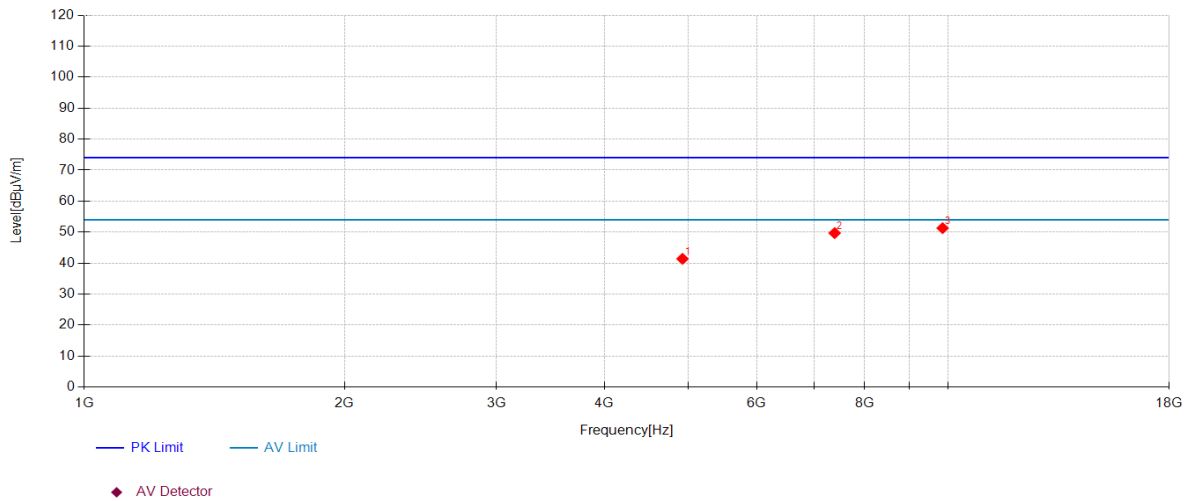


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802.11g_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	53.28	30.95	-42.84	41.39	74.00	32.61	Vertical
2	7386	51.41	36.65	-38.36	49.70	74.00	24.30	Vertical
3	9848	48.44	38.21	-35.36	51.29	74.00	22.71	Vertical

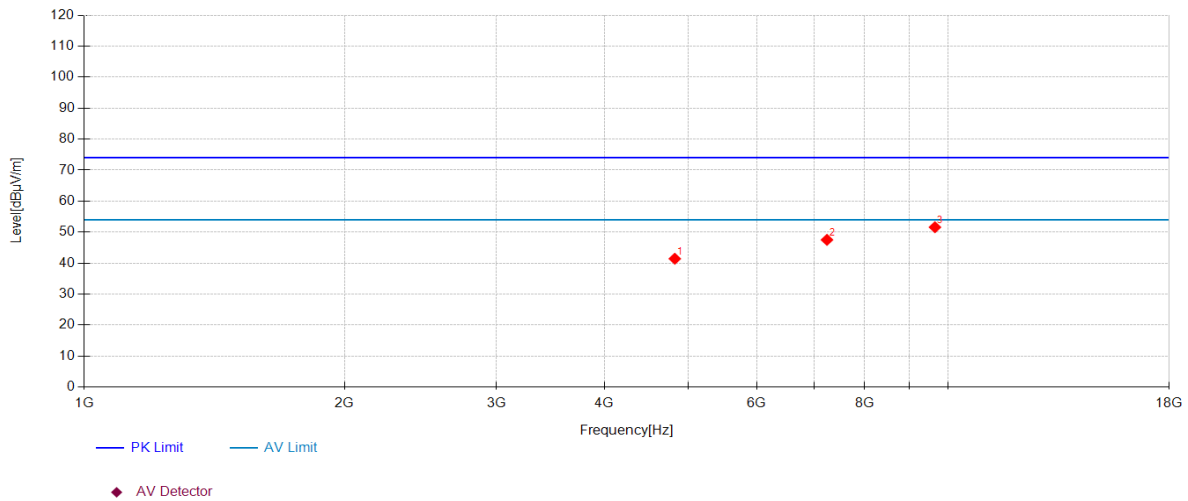


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802.11n20_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4824	53.65	30.70	-42.93	41.42	74.00	32.58	Horizontal
2	7236	49.90	36.38	-38.77	47.51	74.00	26.49	Horizontal
3	9648	49.46	38.09	-35.97	51.58	74.00	22.42	Horizontal

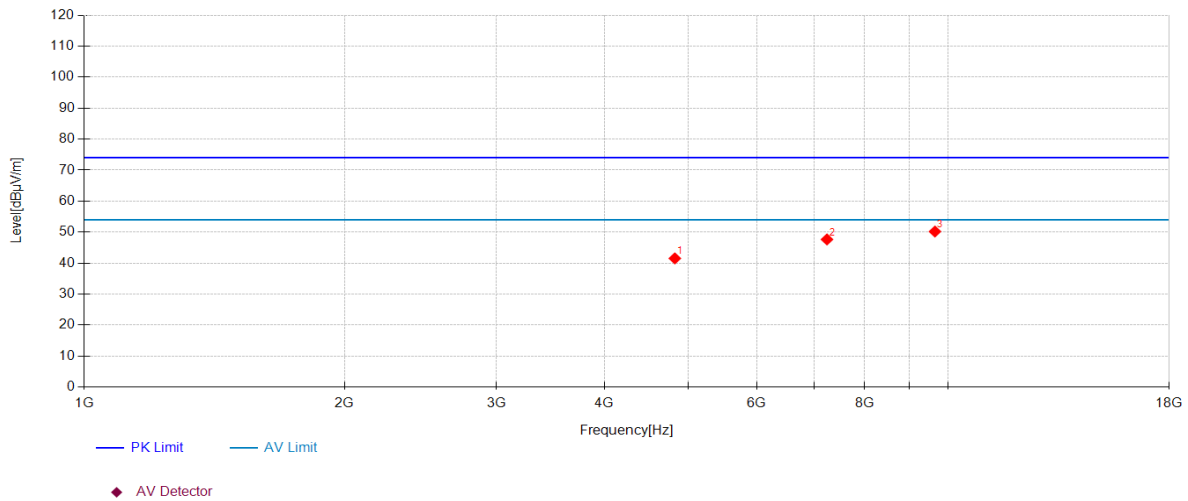


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802.11n20_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4824	53.76	30.70	-42.93	41.53	74.00	32.47	Vertical
2	7236	50.04	36.38	-38.77	47.65	74.00	26.35	Vertical
3	9648	48.08	38.09	-35.97	50.20	74.00	23.80	Vertical

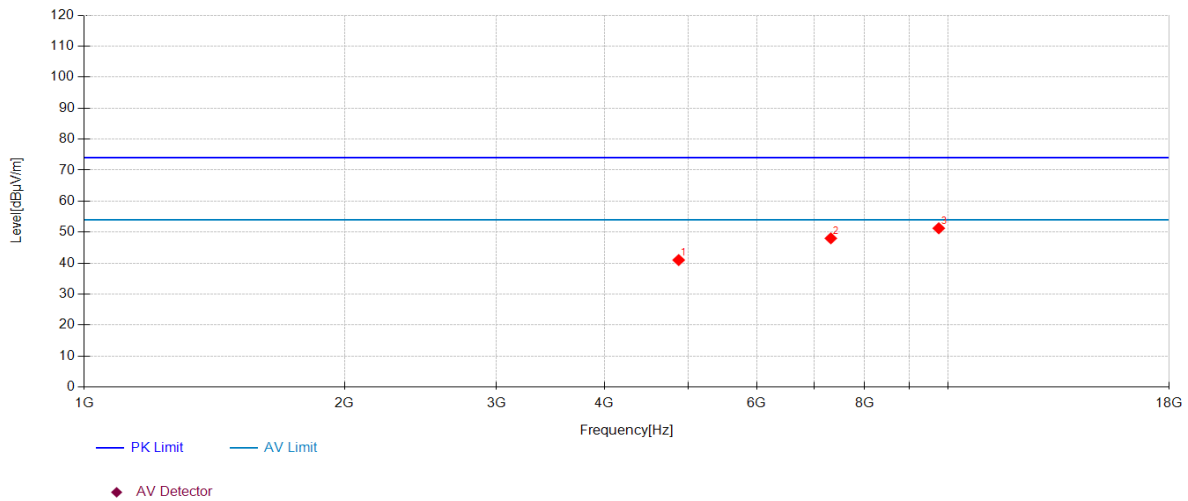


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802.11n20_Channel 6

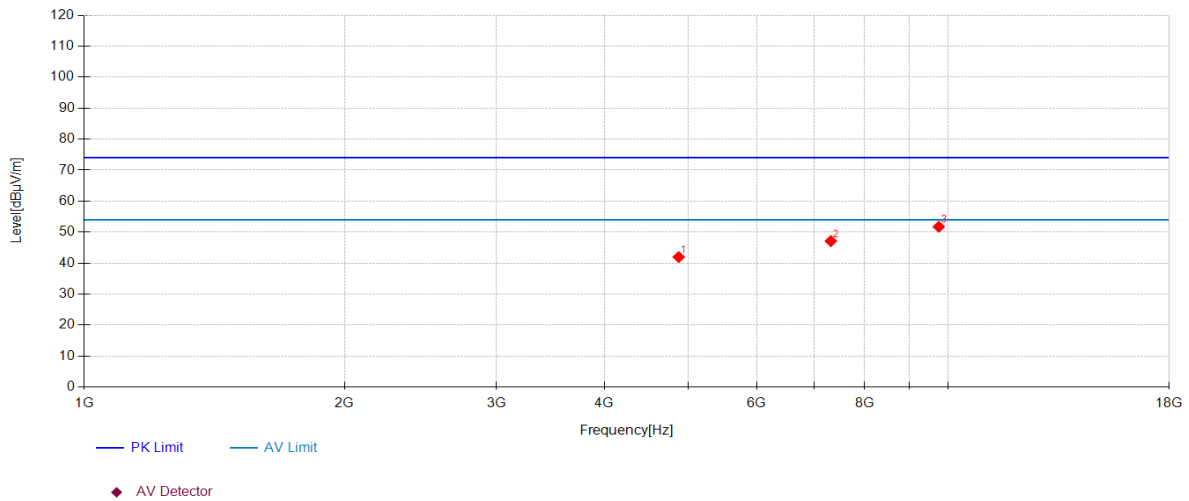


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	53.16	30.74	-42.90	41.00	74.00	33.00	Horizontal
2	7311	50.39	36.42	-38.81	48.00	74.00	26.00	Horizontal
3	9748	48.98	38.30	-36.04	51.24	74.00	22.76	Horizontal



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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]	Polarity
1	4874	54.12	30.74	-42.90	41.96	74.00	32.04	Vertical
2	7311	49.50	36.42	-38.81	47.11	74.00	26.89	Vertical
3	9748	49.47	38.30	-36.04	51.73	74.00	22.27	Vertical

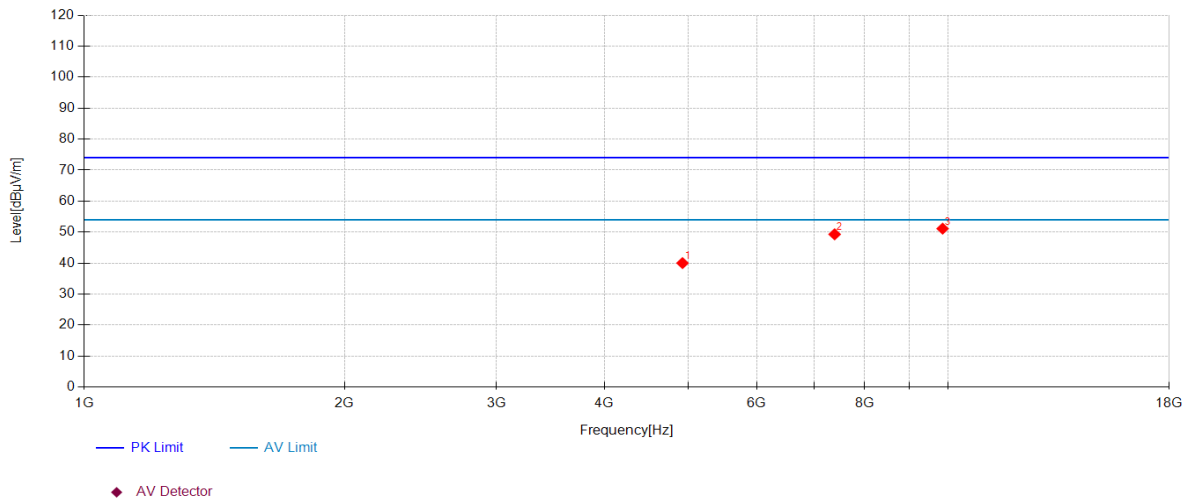


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802.11n20_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	51.90	30.95	-42.84	40.01	74.00	33.99	Horizontal
2	7386	51.01	36.65	-38.36	49.30	74.00	24.70	Horizontal
3	9848	48.28	38.21	-35.36	51.13	74.00	22.87	Horizontal

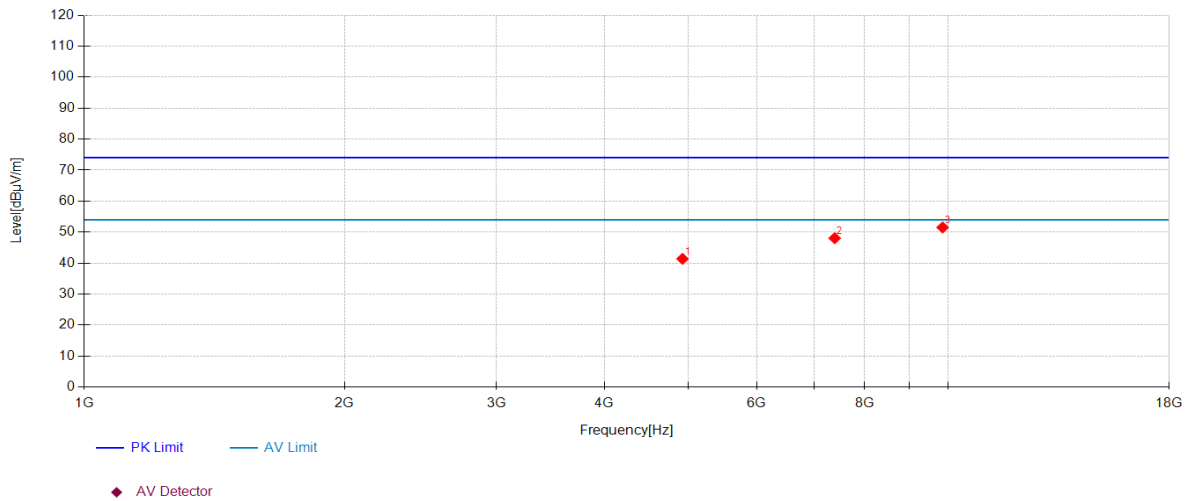


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802.11n20_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4924	53.28	30.95	-42.84	41.39	74.00	32.61	Vertical
2	7386	49.75	36.65	-38.36	48.04	74.00	25.96	Vertical
3	9848	48.66	38.21	-35.36	51.51	74.00	22.49	Vertical

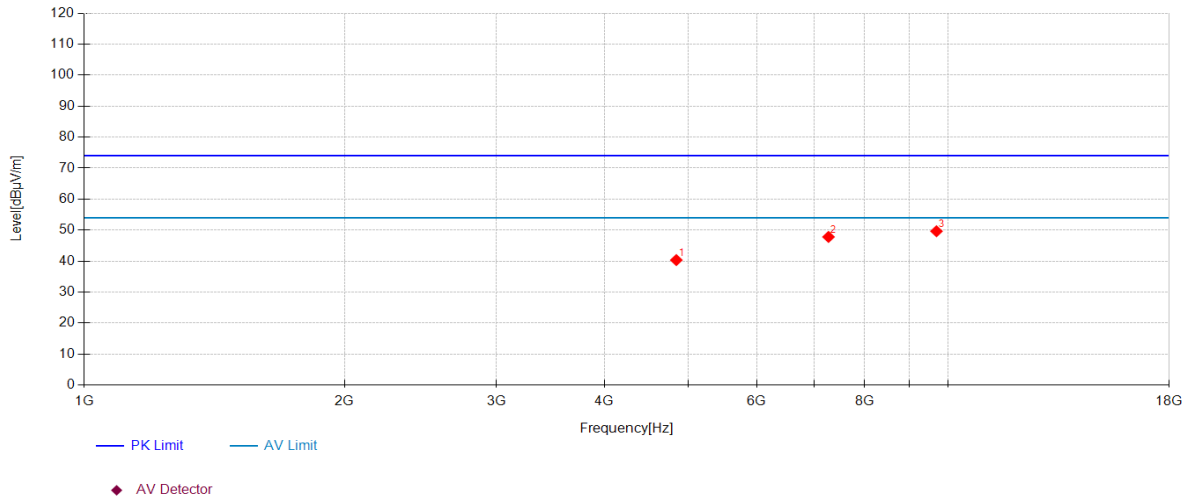


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802.11n40_Channel 3

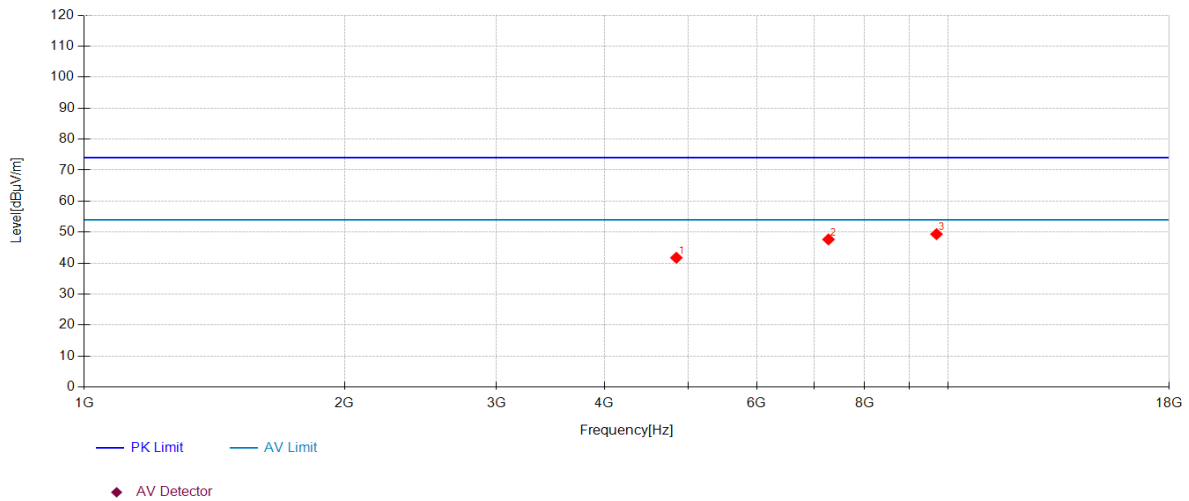


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4844	52.64	30.62	-42.92	40.34	74.00	33.66	Horizontal
2	7266	50.31	36.33	-38.82	47.82	74.00	26.18	Horizontal
3	9688	47.71	38.18	-36.25	49.64	74.00	24.36	Horizontal



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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]	Polarity
1	4844	54.03	30.62	-42.92	41.73	74.00	32.27	Vertical
2	7266	50.14	36.33	-38.82	47.65	74.00	26.35	Vertical
3	9688	47.42	38.18	-36.25	49.35	74.00	24.65	Vertical

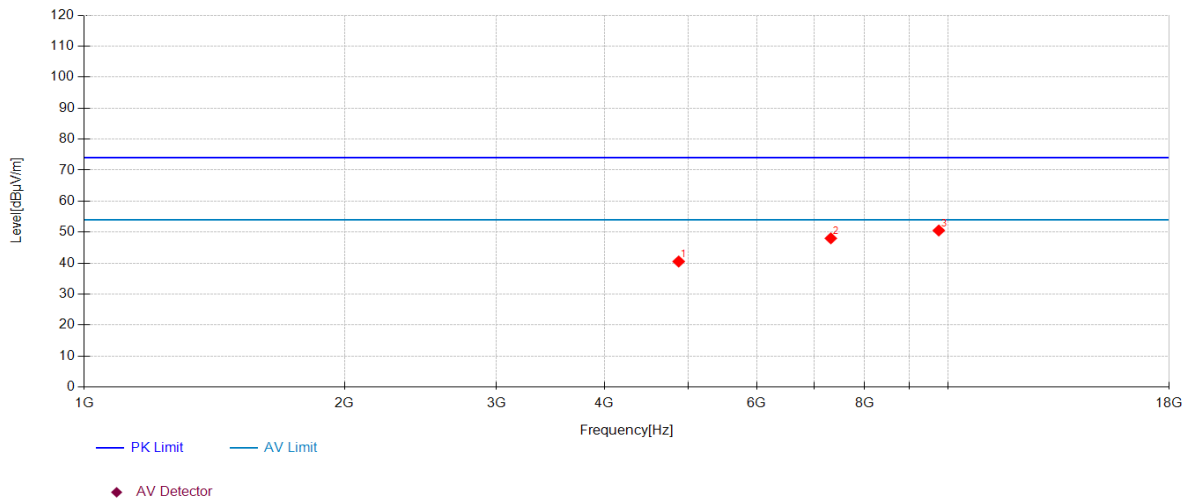


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802.11n40_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	52.68	30.74	-42.90	40.52	74.00	33.48	Horizontal
2	7311	50.38	36.42	-38.81	47.99	74.00	26.01	Horizontal
3	9748	48.27	38.30	-36.04	50.53	74.00	23.47	Horizontal

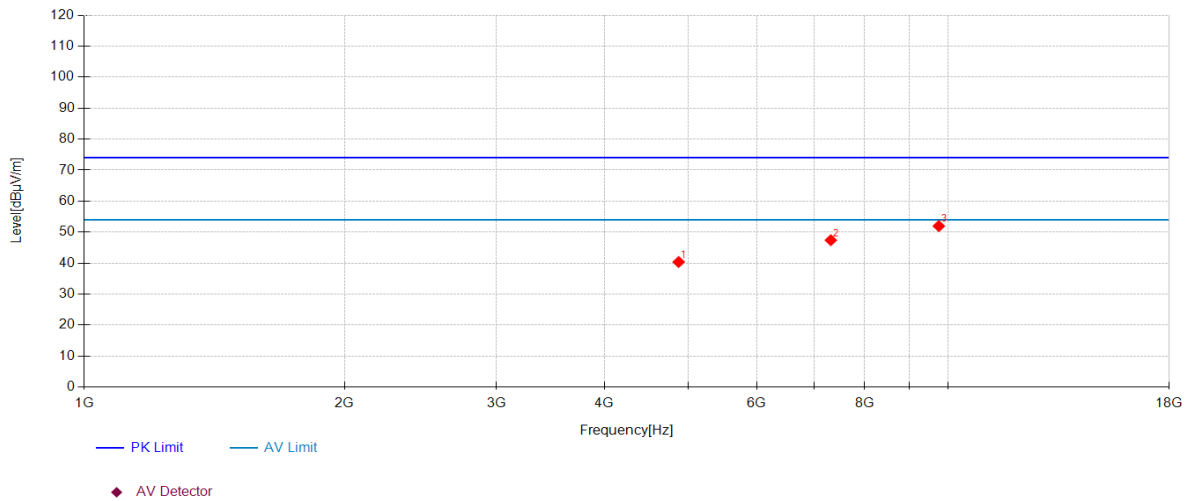


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802.11n40_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4874	52.53	30.74	-42.90	40.37	74.00	33.63	Vertical
2	7311	49.79	36.42	-38.81	47.40	74.00	26.60	Vertical
3	9748	49.70	38.30	-36.04	51.96	74.00	22.04	Vertical

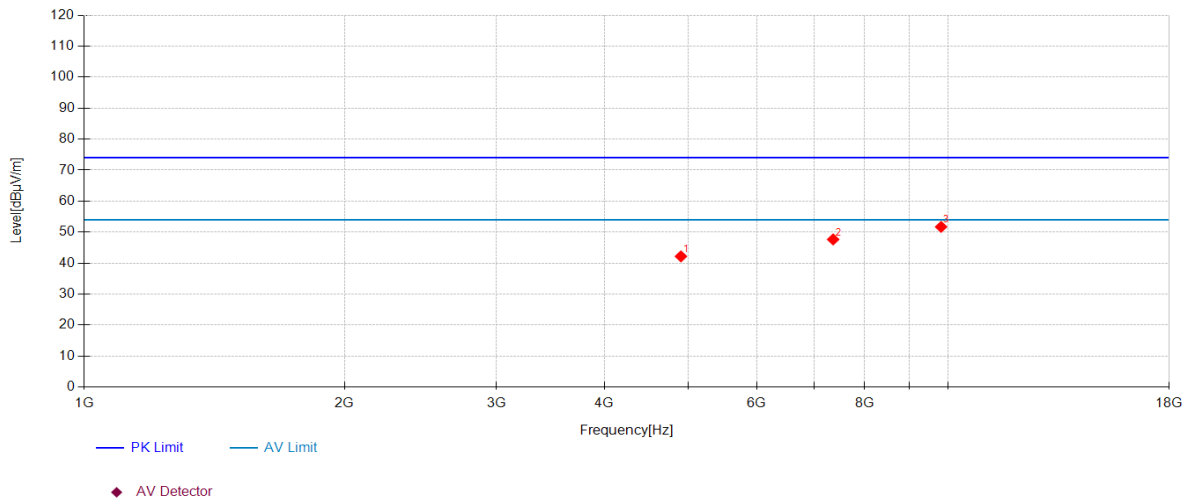


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802.11n40_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4904	54.14	30.91	-42.87	42.18	74.00	31.82	Horizontal
2	7356	49.66	36.53	-38.54	47.65	74.00	26.35	Horizontal
3	9808	48.92	38.45	-35.67	51.70	74.00	22.30	Horizontal

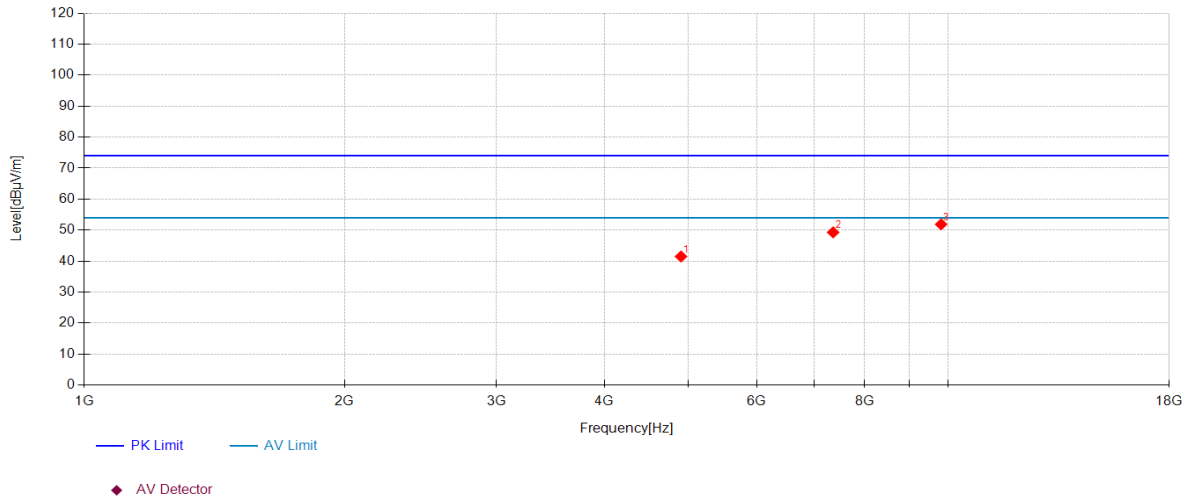


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802.11n40_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	4904	53.45	30.91	-42.87	41.49	74.00	32.51	Vertical
2	7356	51.30	36.53	-38.54	49.29	74.00	24.71	Vertical
3	9808	49.09	38.45	-35.67	51.87	74.00	22.13	Vertical

Remark:

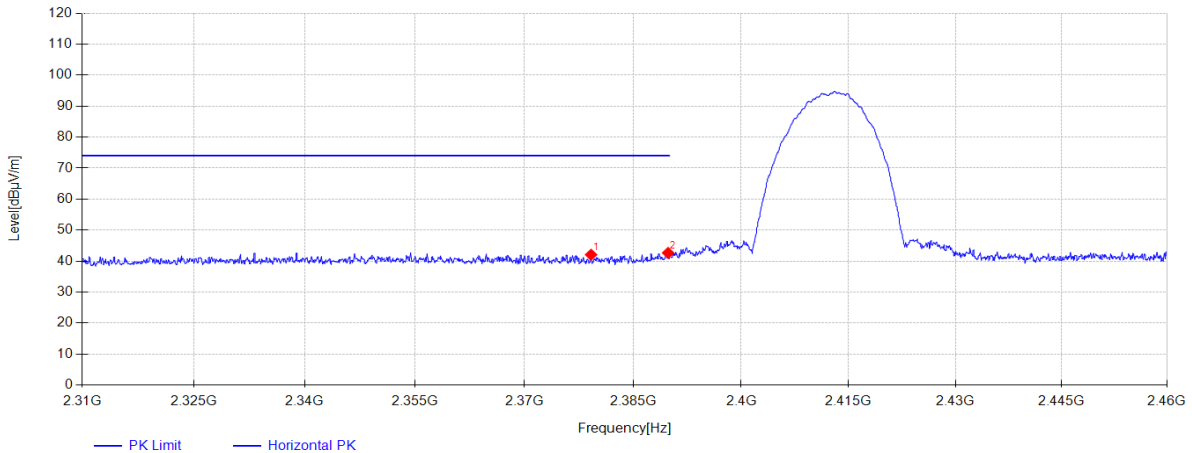
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
 $Level = Reading(dB\mu V) + AF(dB/m) + Factor(dB)$
 $AF = Antenna\ Factor(dB/m)$
 $Factor = Cable\ Factor(dB) - Preamplifier\ gain(dB)$
 $Margin = Limit(dB\mu V/m) - Level(dB\mu V/m)$
- 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]	Polarity
1	2379.1846	37.63	27.48	-23.03	42.08	74.00	31.92	Horizontal
2	2389.8399	38.25	27.44	-23.02	42.67	74.00	31.33	Horizontal

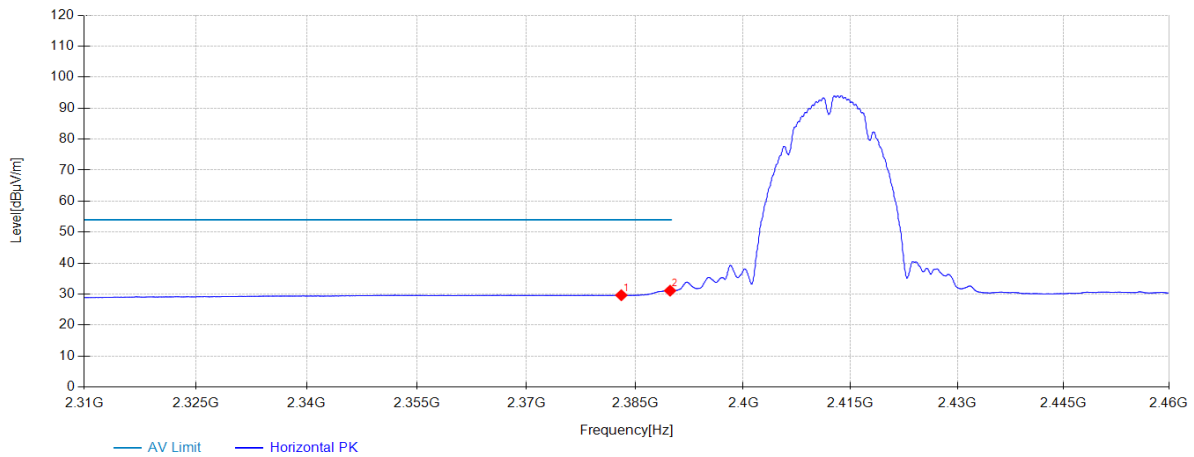


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802.11b_Channel 1



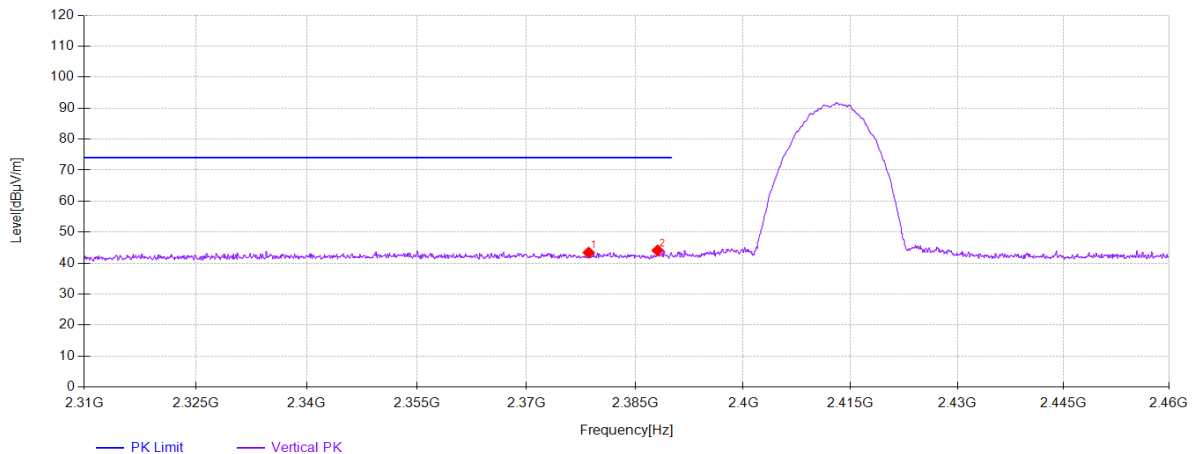
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2383.0865	25.21	27.47	-23.03	29.65	54.00	24.35	Horizontal
2	2389.8399	26.70	27.44	-23.02	31.12	54.00	22.88	Horizontal



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802.11b_Channel 1

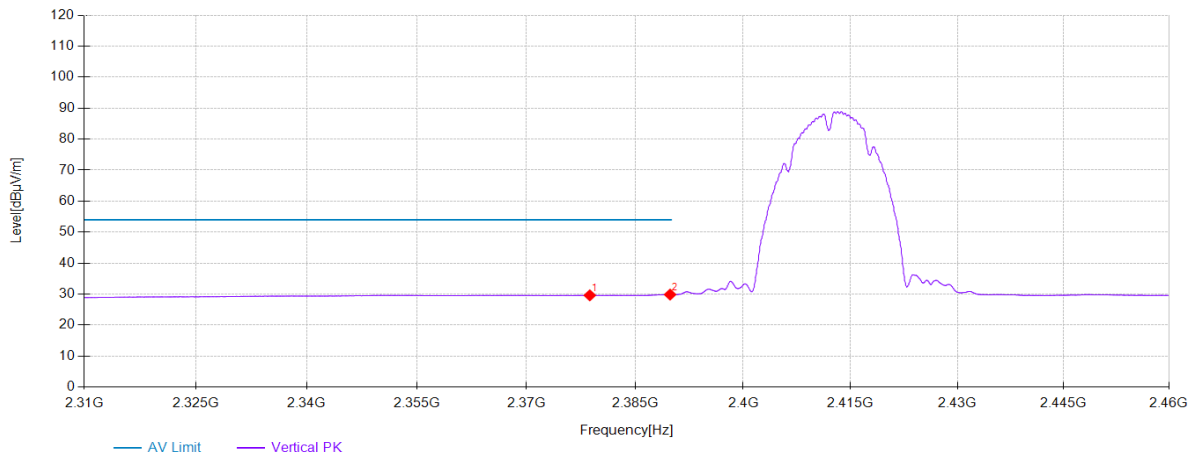


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2378.5843	38.94	27.49	-23.03	43.40	74.00	30.60	Vertical
2	2388.1141	39.66	27.45	-23.02	44.09	74.00	29.91	Vertical



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802.11b_Channel 1



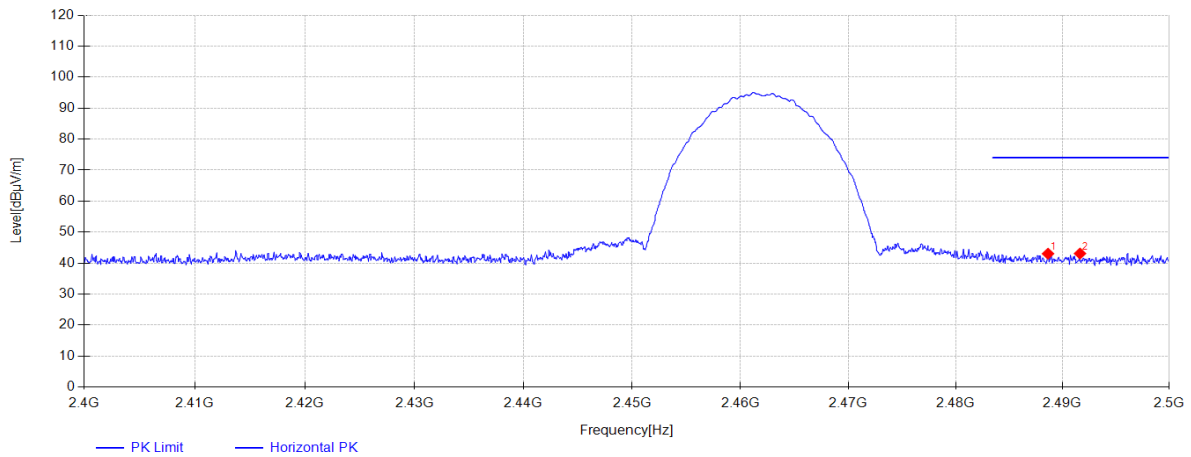
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2378.7344	25.15	27.49	-23.03	29.61	54.00	24.39	Vertical
2	2389.8399	25.44	27.44	-23.02	29.86	54.00	24.14	Vertical



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802.11b_Channel 11

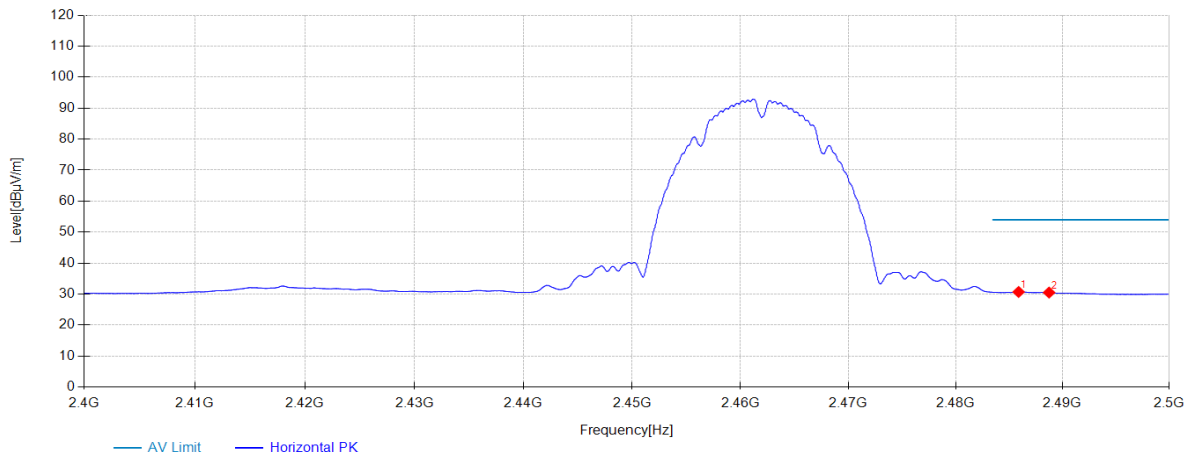


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2	2491.6458	38.46	27.77	-23.13	43.10	74.00	30.90	Horizontal



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802.11b_Channel 11



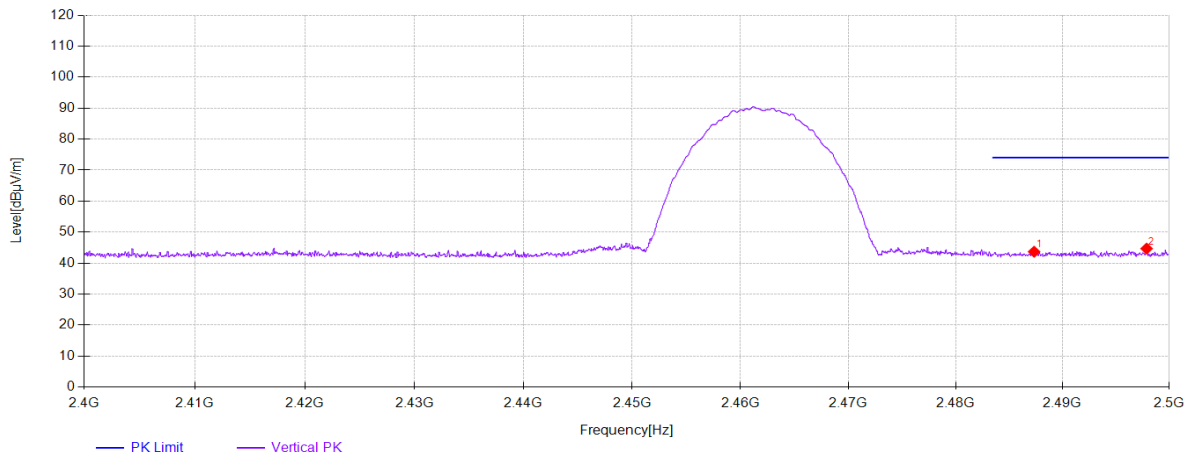
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1	2485.8929	26.08	27.74	-23.12	30.70	54.00	23.30	Horizontal
2	2488.7444	25.88	27.75	-23.12	30.51	54.00	23.49	Horizontal



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802.11b_Channel 11



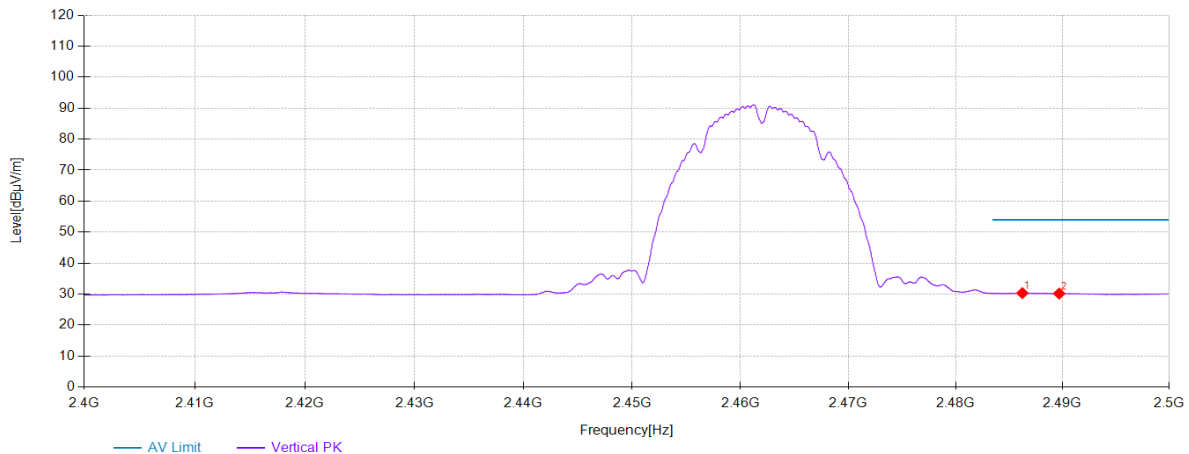
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1	2487.3437	39.05	27.75	-23.12	43.68	74.00	30.32	Vertical
2	2497.8989	40.04	27.79	-23.14	44.69	74.00	29.31	Vertical



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802.11b_Channel 11



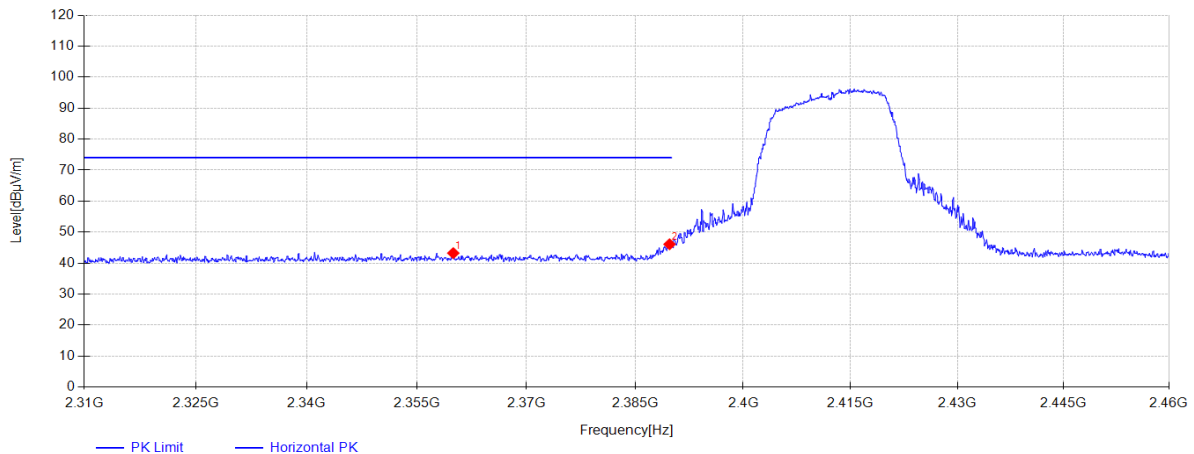
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1	2486.2431	25.72	27.74	-23.12	30.34	54.00	23.66	Vertical
2	2489.6948	25.54	27.76	-23.13	30.17	54.00	23.83	Vertical



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802.11g_Channel 1

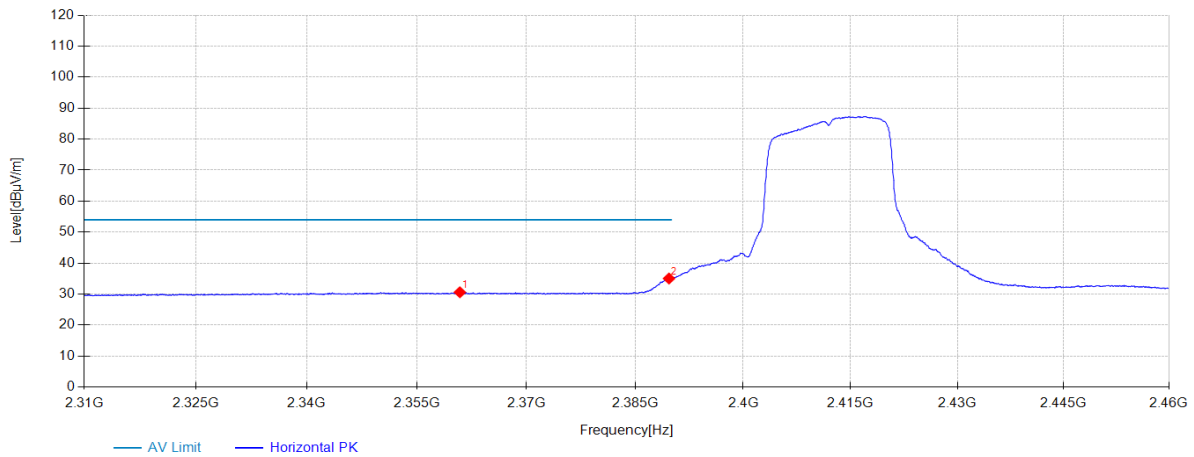


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1	2359.975	38.74	27.56	-23.06	43.24	74.00	30.76	Horizontal
2	2389.7649	41.68	27.44	-23.02	46.10	74.00	27.90	Horizontal



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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]	Polarity
1	2360.8754	26.10	27.56	-23.06	30.60	54.00	23.40	Horizontal
2	2389.6898	30.63	27.44	-23.02	35.05	54.00	18.95	Horizontal

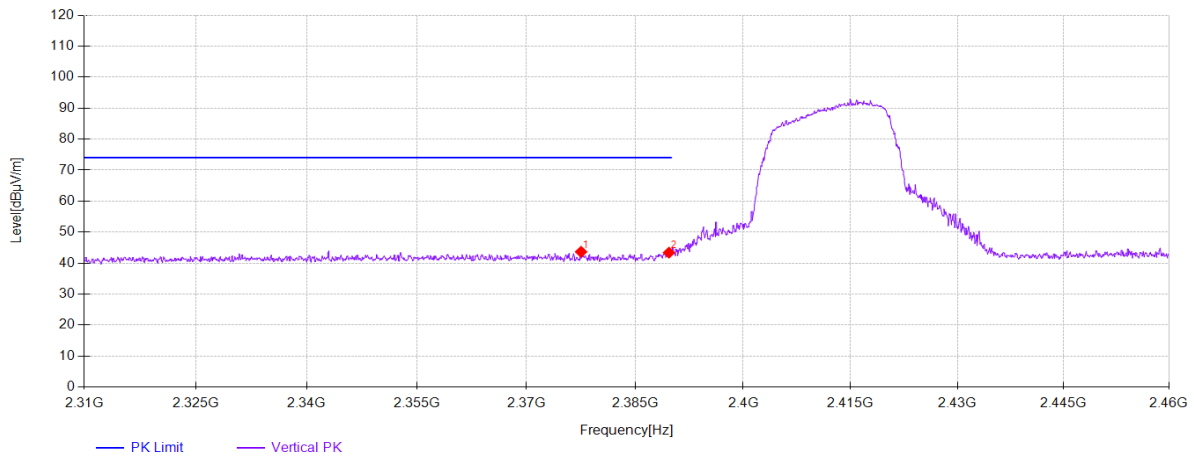


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802.11g_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2377.5338	39.20	27.49	-23.04	43.65	74.00	30.35	Vertical
2	2389.6898	38.97	27.44	-23.02	43.39	74.00	30.61	Vertical

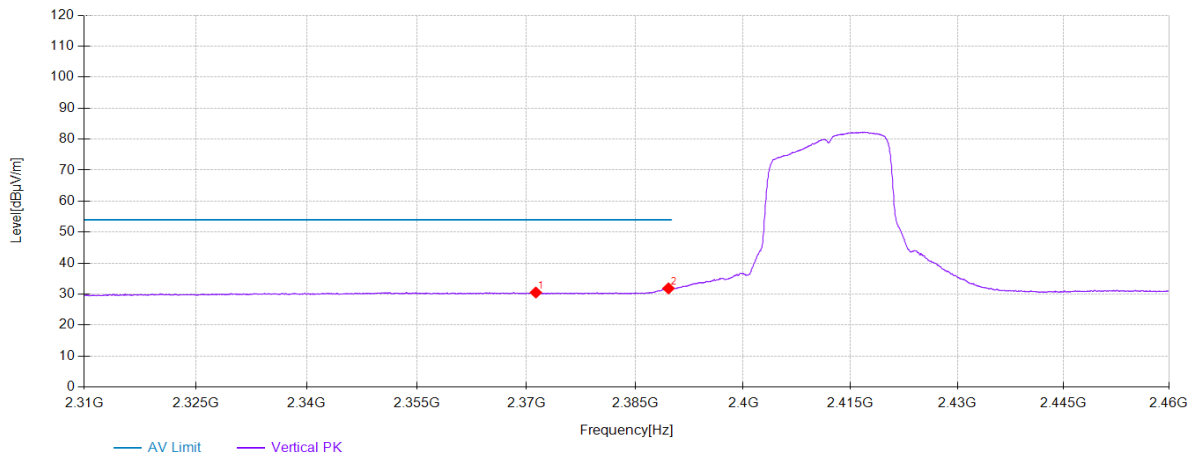


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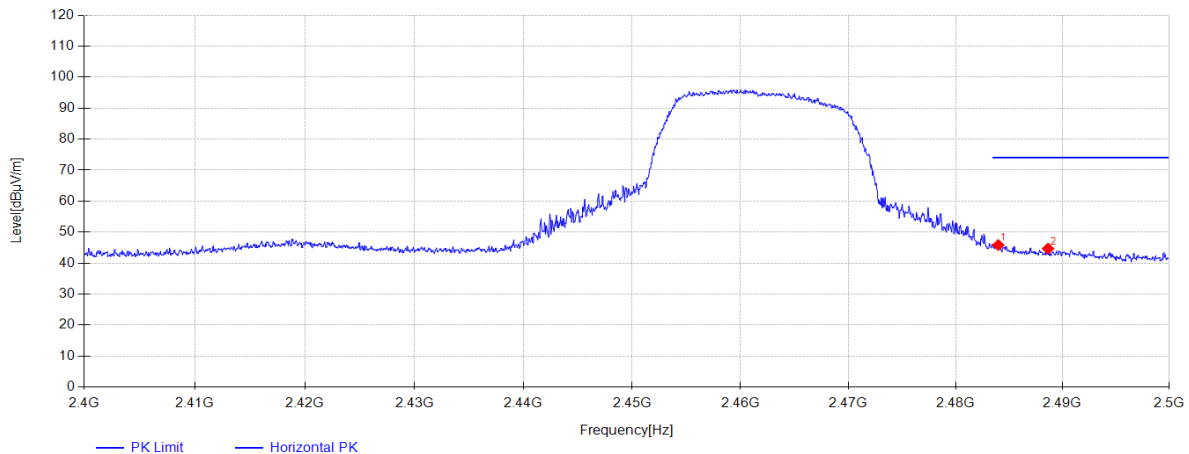
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2	2389.6148	27.43	27.44	-23.02	31.85	54.00	22.15	Vertical



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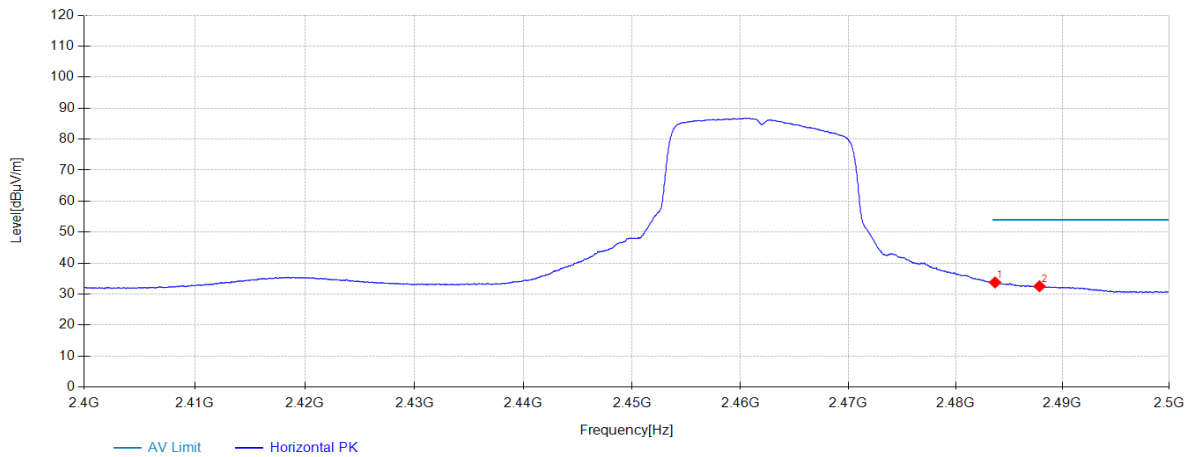
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1	2483.992	41.21	27.74	-23.12	45.83	74.00	28.17	Horizontal
2	2488.6443	40.04	27.75	-23.12	44.67	74.00	29.33	Horizontal



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Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.6918	29.17	27.73	-23.12	33.78	54.00	20.22	Horizontal
2	2487.8439	27.90	27.75	-23.12	32.53	54.00	21.47	Horizontal

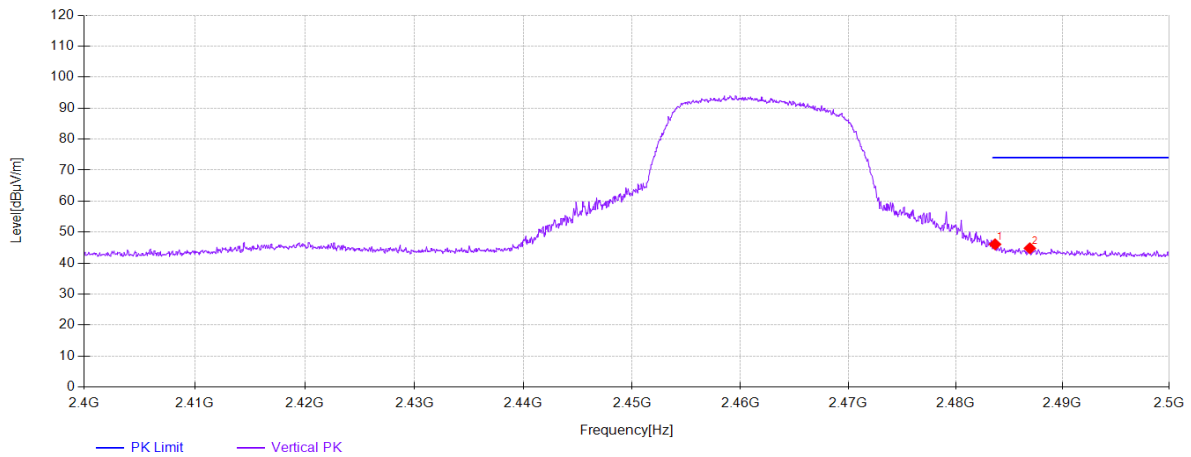


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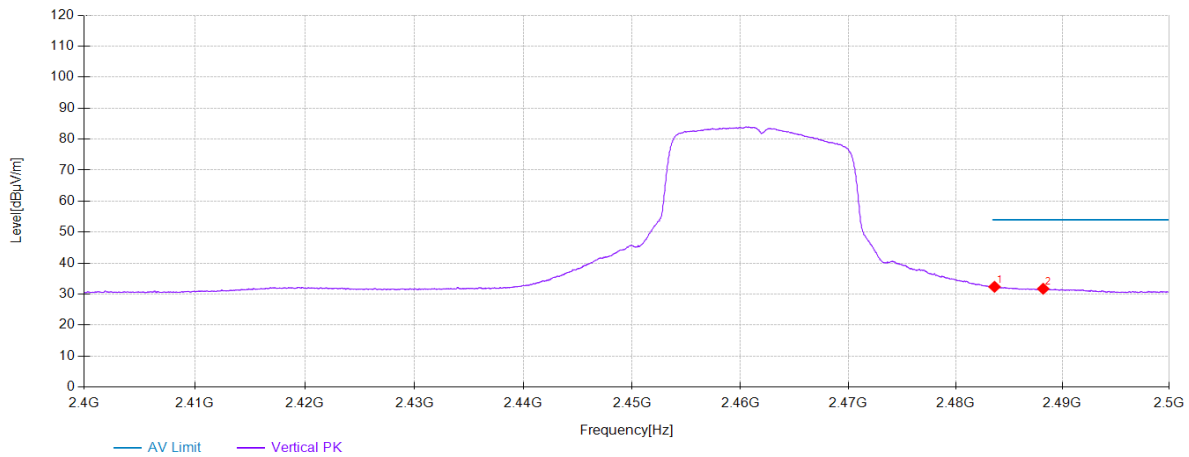


Data List								
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1	2483.6918	41.46	27.73	-23.12	46.07	74.00	27.93	Vertical
2	2486.9435	40.17	27.75	-23.12	44.80	74.00	29.20	Vertical



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NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.6418	27.75	27.73	-23.12	32.36	54.00	21.64	Vertical
2	2488.1941	27.11	27.75	-23.12	31.74	54.00	22.26	Vertical

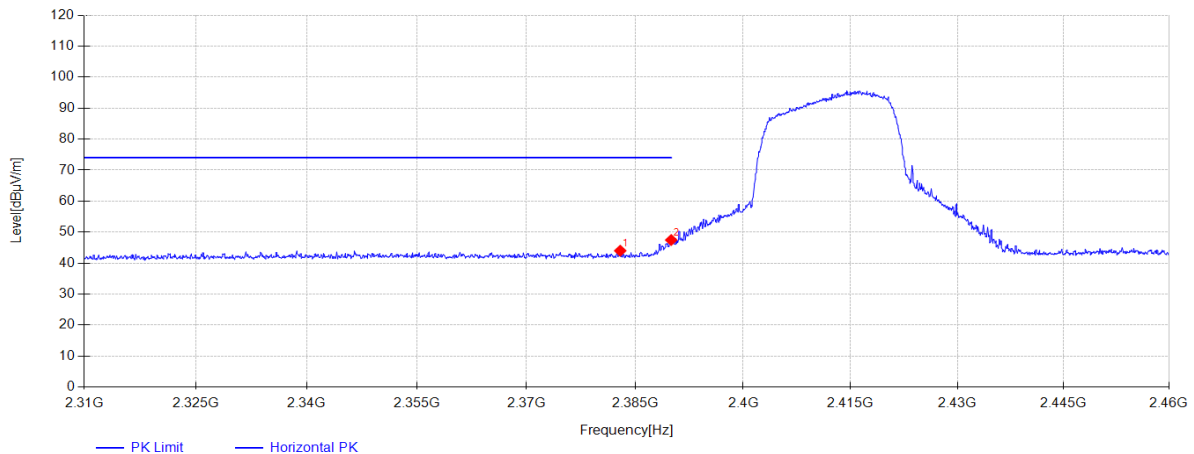


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802.11n20_Channel 1

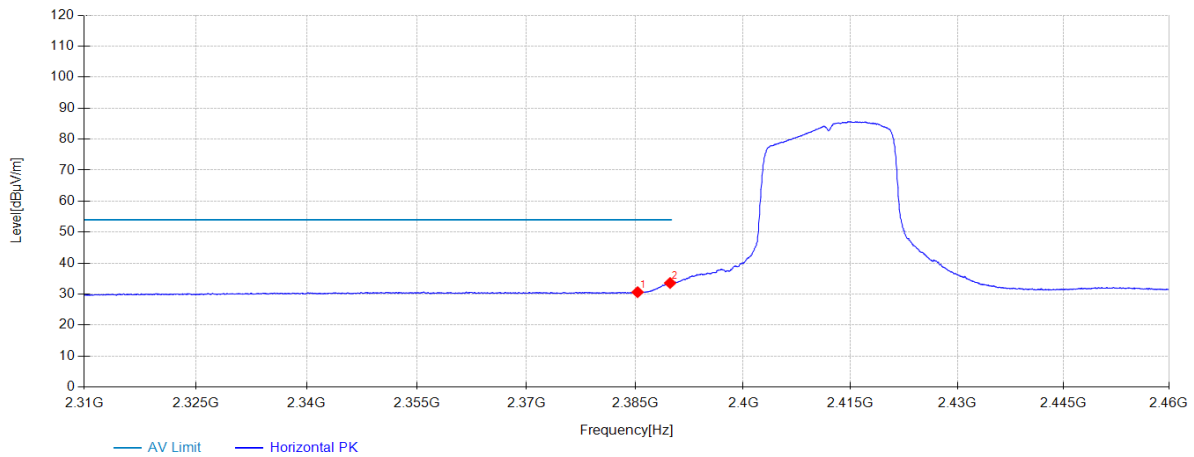


Data List								
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1	2382.9365	39.57	27.47	-23.03	44.01	74.00	29.99	Horizontal
2	2389.99	43.03	27.44	-23.02	47.45	74.00	26.55	Horizontal



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802.11n20_Channel 1

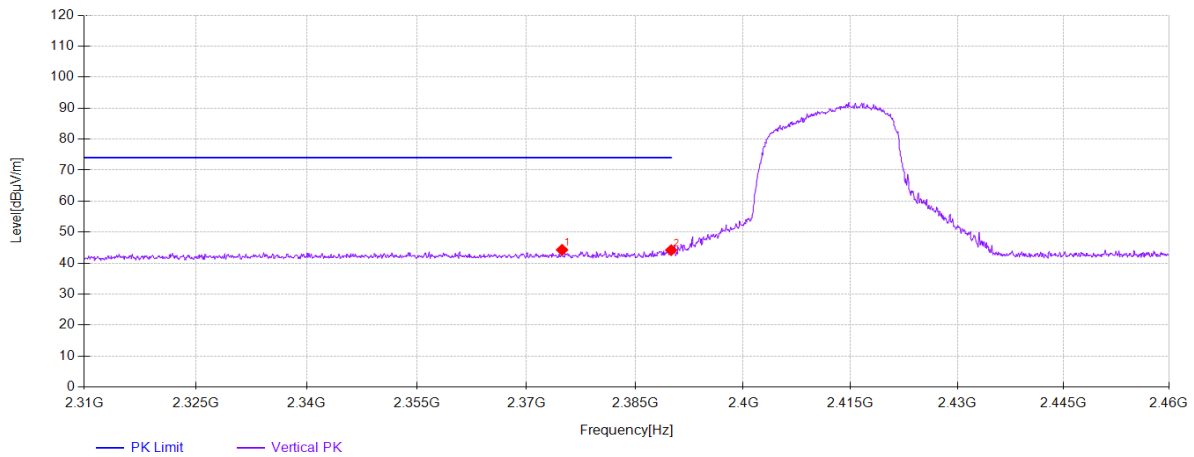


Data List								
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1	2385.3377	26.20	27.46	-23.02	30.64	54.00	23.36	Horizontal
2	2389.8399	29.17	27.44	-23.02	33.59	54.00	20.41	Horizontal



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802.11n20_Channel 1

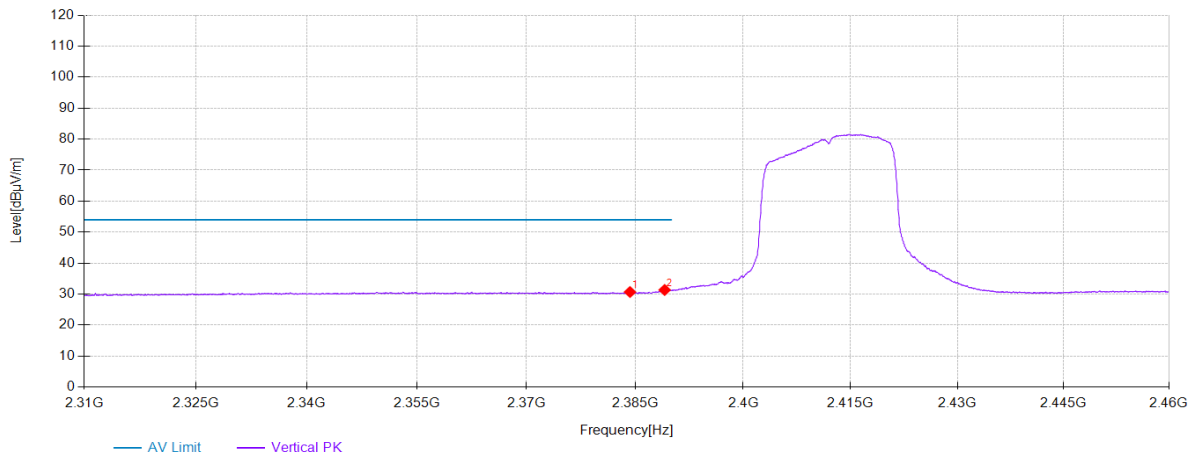


Data List								
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1	2374.9075	39.83	27.50	-23.04	44.29	74.00	29.71	Vertical
2	2389.99	39.76	27.44	-23.02	44.18	74.00	29.82	Vertical



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802.11n20_Channel 1

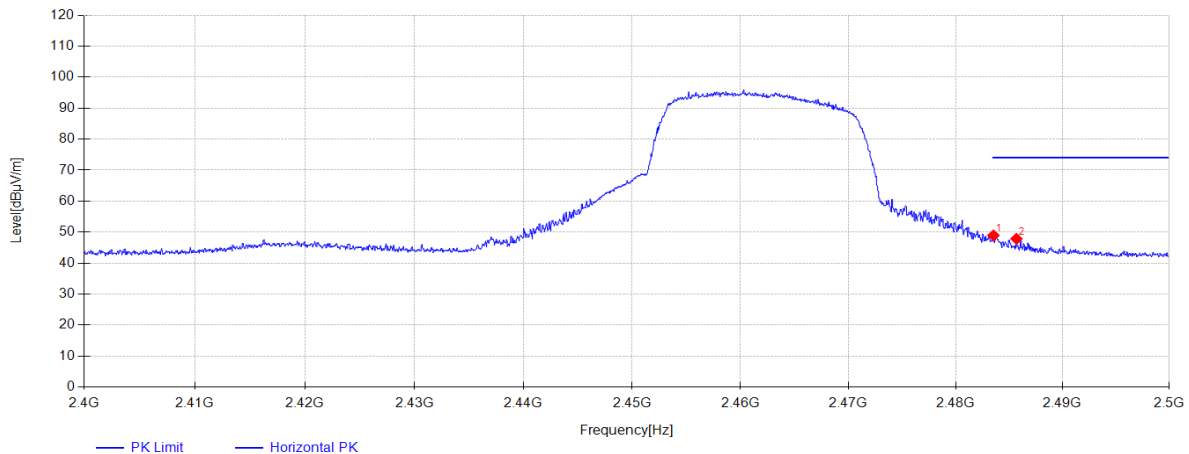


Data List								
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1	2384.2871	26.26	27.46	-23.03	30.69	54.00	23.31	Vertical
2	2389.0895	26.93	27.44	-23.02	31.35	54.00	22.65	Vertical



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802.11n20_Channel 11

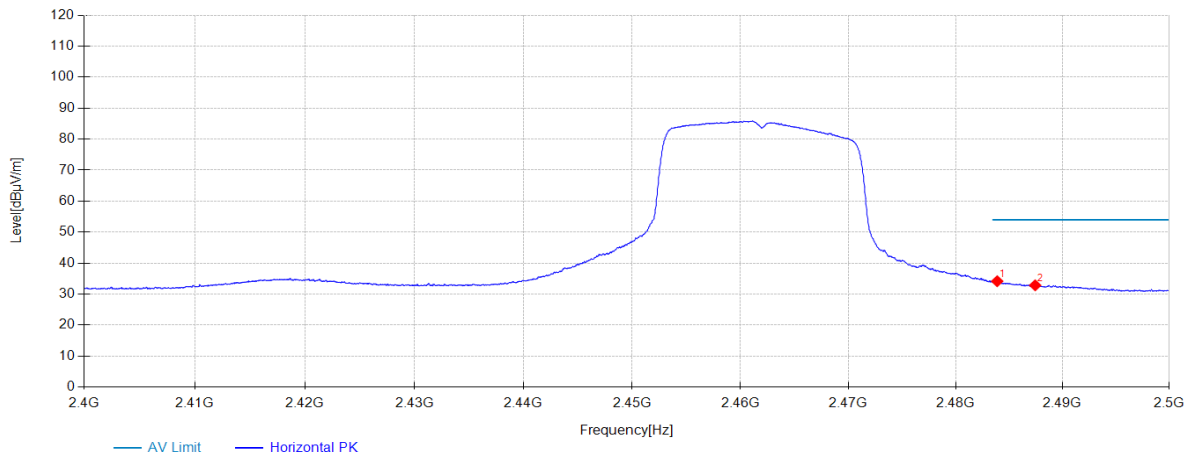


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.5418	44.33	27.73	-23.12	48.94	74.00	25.06	Horizontal
2	2485.6928	43.23	27.74	-23.12	47.85	74.00	26.15	Horizontal



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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]	Polarity
1	2483.8919	29.54	27.74	-23.12	34.16	54.00	19.84	Horizontal
2	2487.4437	28.22	27.75	-23.12	32.85	54.00	21.15	Horizontal

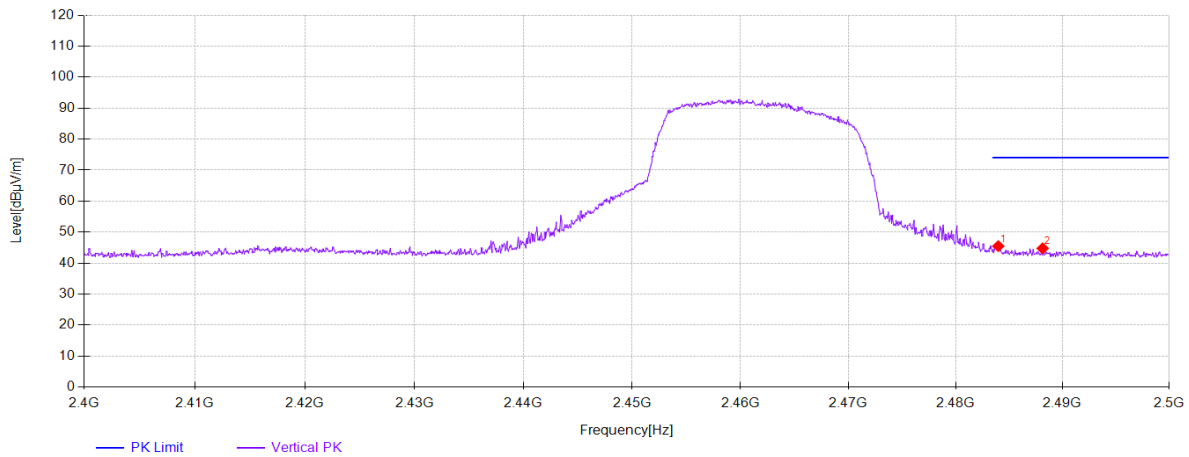


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802.11n20_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.992	40.87	27.74	-23.12	45.49	74.00	28.51	Vertical
2	2488.1441	40.13	27.75	-23.12	44.76	74.00	29.24	Vertical

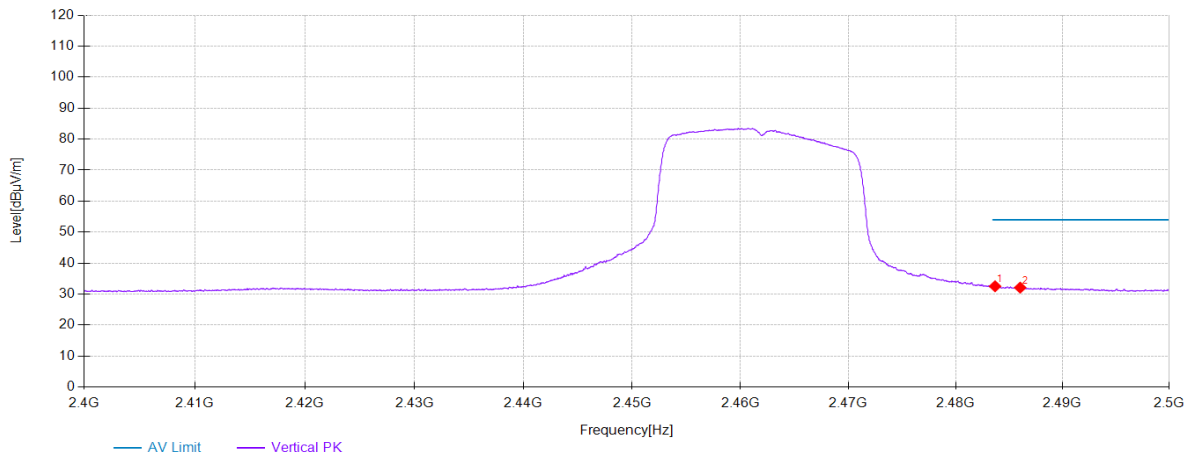


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802.11n20_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.6918	27.93	27.73	-23.12	32.54	54.00	21.46	Vertical
2	2486.043	27.48	27.74	-23.12	32.10	54.00	21.90	Vertical

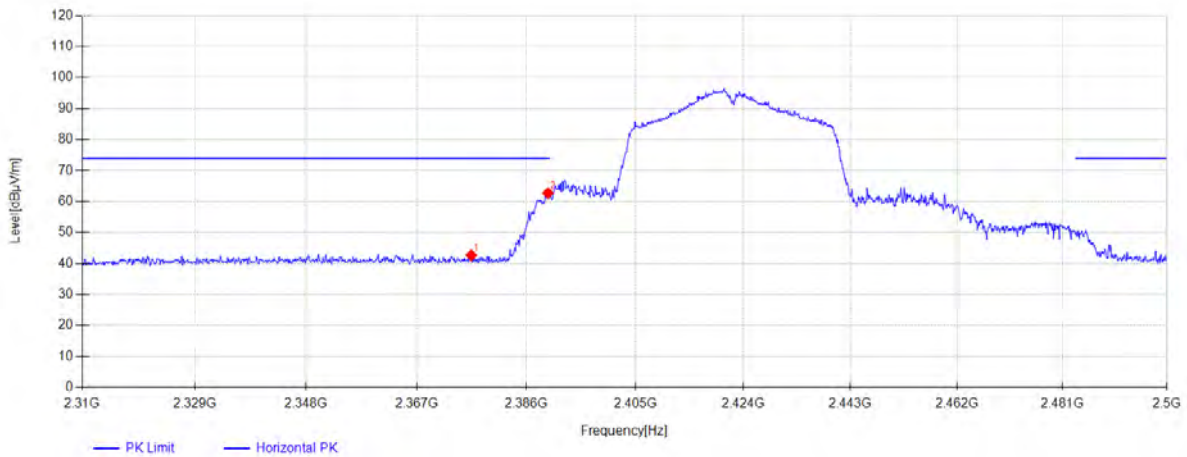


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802.11n40_Channel 3



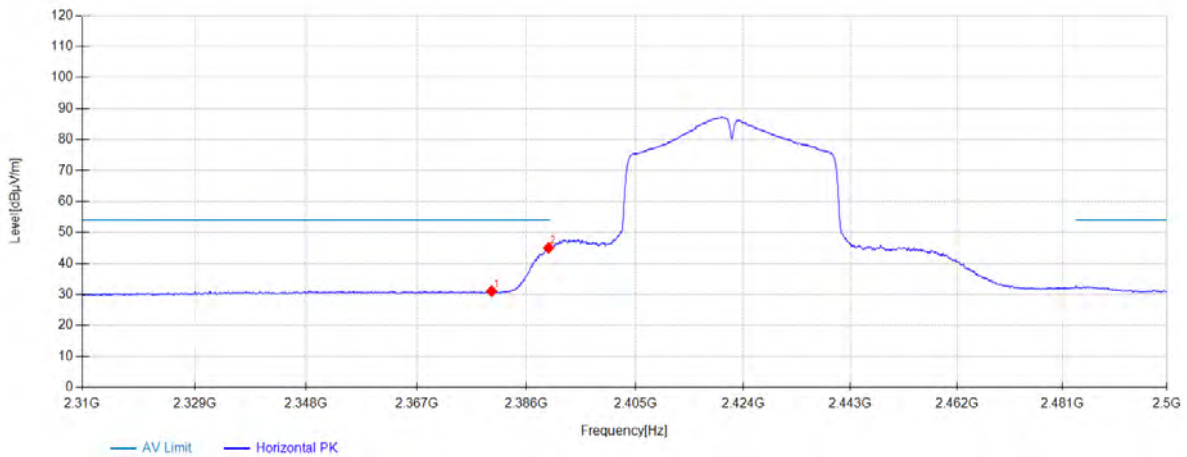
Data List								
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1	2376.4382	38.22	27.49	-23.04	42.67	74.00	31.33	Horizontal
2	2389.7449	58.30	27.44	-23.02	62.72	74.00	11.28	Horizontal



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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]	Polarity
1	2379.955	26.63	27.48	-23.03	31.08	54.00	22.92	Horizontal
2	2389.8399	40.61	27.44	-23.02	45.03	54.00	8.97	Horizontal

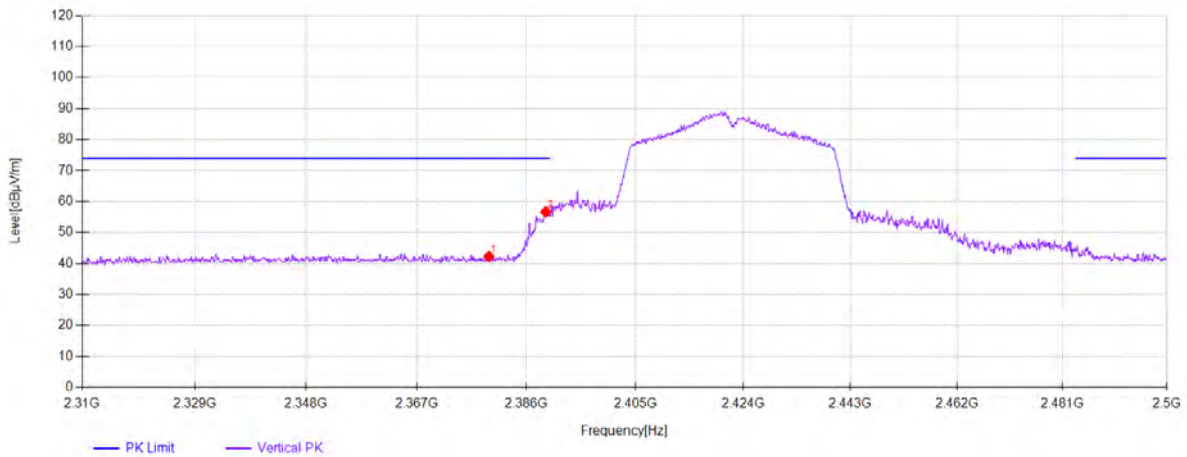


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802.11n40_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2379.4797	37.83	27.48	-23.03	42.28	74.00	31.72	Vertical
2	2389.3647	52.25	27.44	-23.02	56.67	74.00	17.33	Vertical

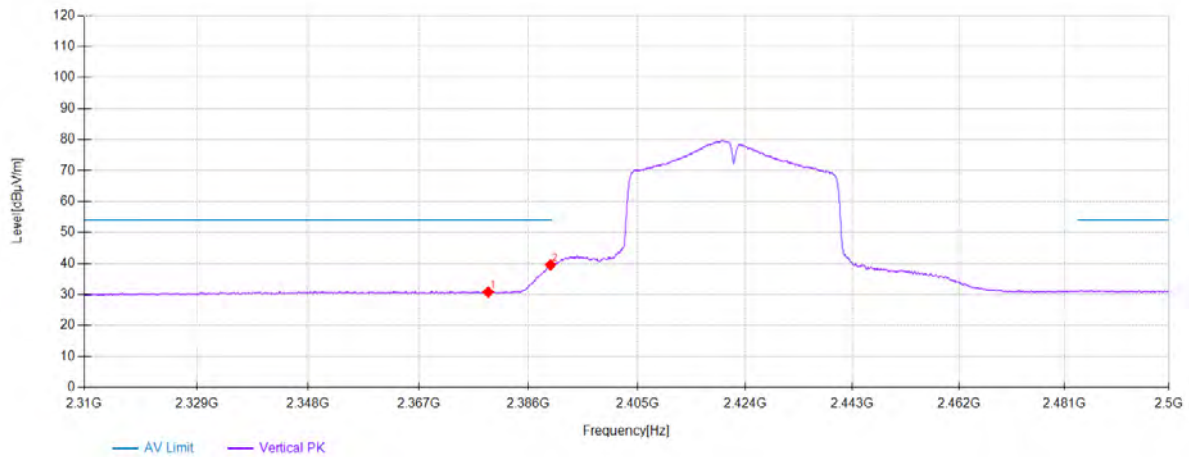


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802.11n40_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2379.0045	26.36	27.48	-23.03	30.81	54.00	23.19	Vertical
2	2389.8399	35.13	27.44	-23.02	39.55	54.00	14.45	Vertical

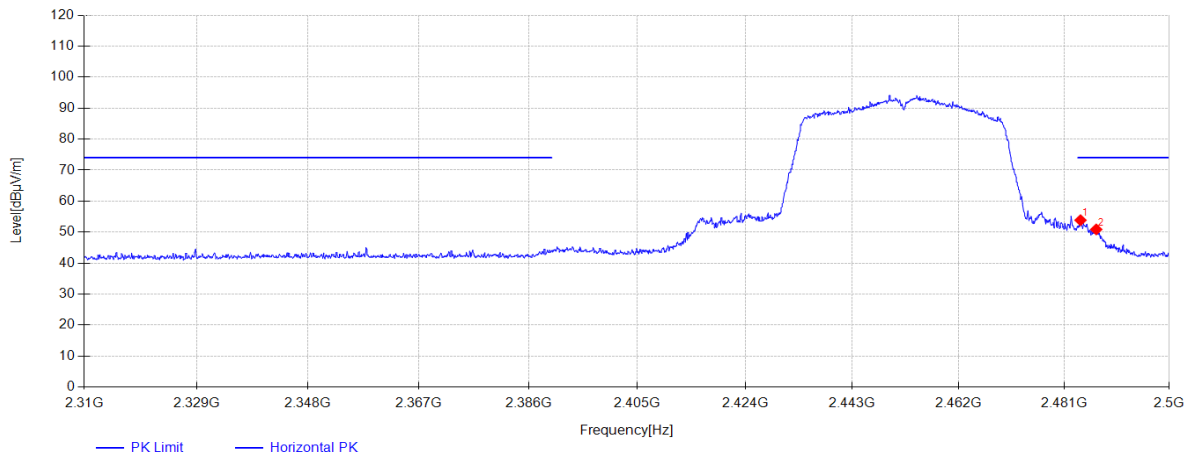


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802.11n40_Channel 9

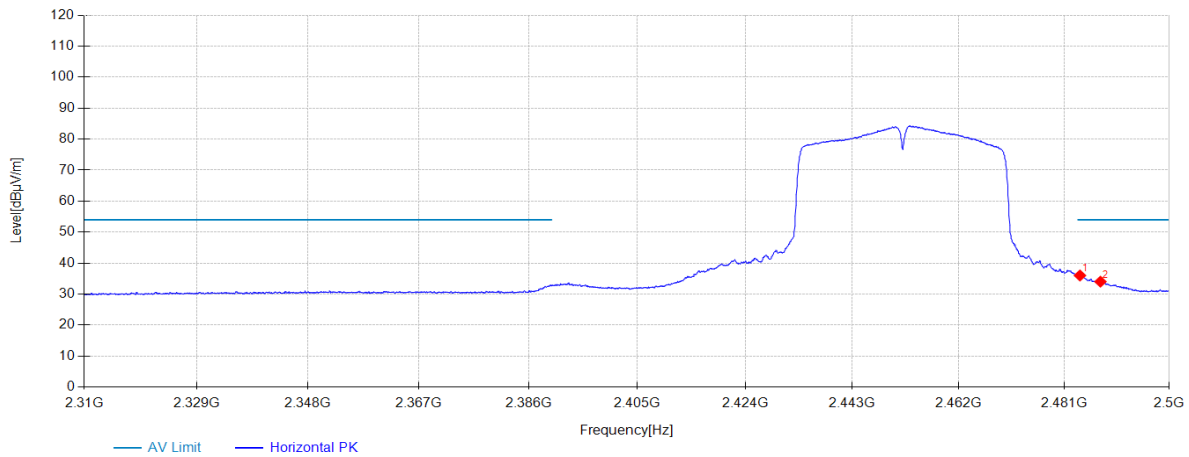


Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.937	49.23	27.74	-23.12	53.85	74.00	20.15	Horizontal
2	2486.7884	46.24	27.75	-23.12	50.87	74.00	23.13	Horizontal



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802.11n40_Channel 9



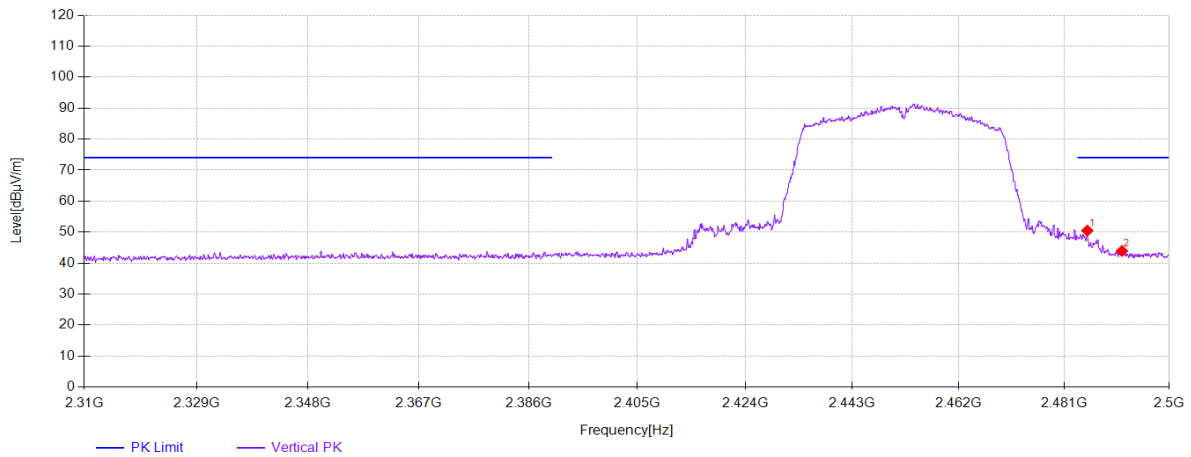
Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2483.8419	31.39	27.74	-23.12	36.01	54.00	17.99	Horizontal
2	2487.5488	29.39	27.75	-23.12	34.02	54.00	19.98	Horizontal



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802.11n40_Channel 9

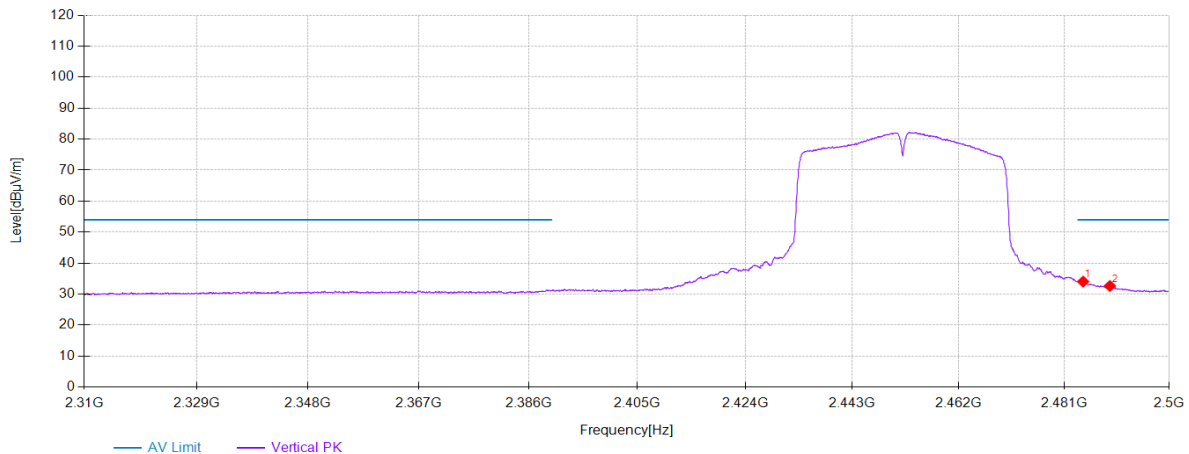


Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF[dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity
1	2485.1726	45.89	27.74	-23.12	50.51	74.00	23.49	Vertical
2	2491.4457	39.29	27.77	-23.13	43.93	74.00	30.07	Vertical



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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]	Polarity
1	2484.4122	29.43	27.74	-23.12	34.05	54.00	19.95	Vertical
2	2489.2596	28.00	27.76	-23.12	32.64	54.00	21.36	Vertical

Remark:

- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:
 Level = Reading(dBµV) + AF(dB/m) + Factor(dB)
 AF = Antenna Factor(dB/m)
 Factor = Cable Factor(dB) - Preamplifier gain(dB)
 Margin = Limit(dBµV/m) – Level(dBµV/m)
- Both peak and average measured complies with the limit line, so test result is "PASS"

---End of Report---

