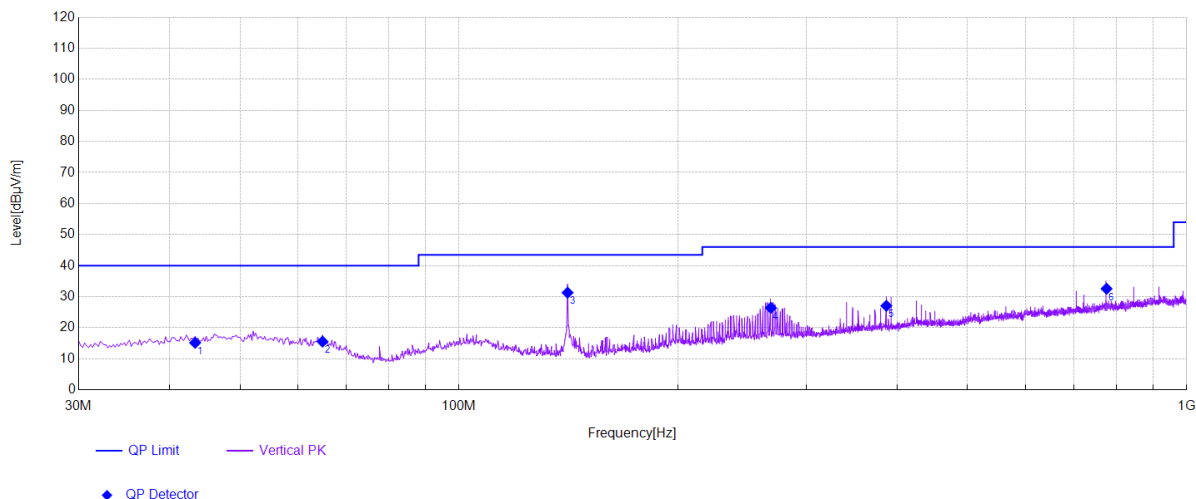


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Data List								
NO.	Freq. [MHz]	AF[dB/m]	Factor [dB]	QP Reading[dBμV]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Polarity
1	43.3887	13.74	-27.61	29.03	15.16	40.00	24.84	Vertical
2	64.927	12.10	-27.02	30.47	15.55	40.00	24.45	Vertical
3	140.9902	7.80	-26.51	50.01	31.30	43.50	12.20	Vertical
4	268.2797	12.53	-25.25	39.14	26.42	46.00	19.58	Vertical
5	386.6433	15.20	-25.10	36.97	27.07	46.00	18.93	Vertical
6	776.2733	20.43	-23.21	35.35	32.57	46.00	13.43	Vertical

## Remark:

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

Value = Reading(dBμV) + AF(dB/m) + Factor(dB):

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit(dBμV/m) – Value(dBμV/m)

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



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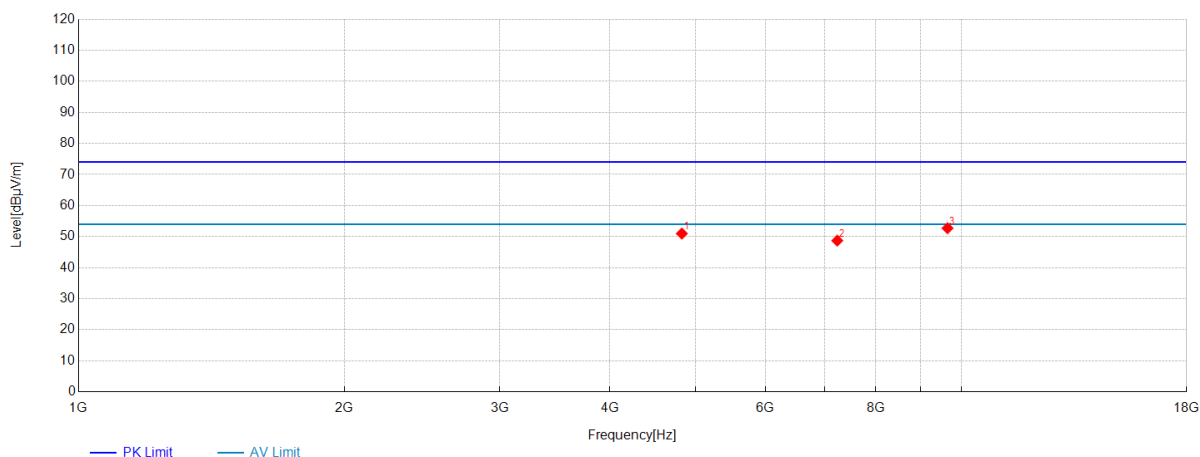
Report No.: SUCR240100000804

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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	66.07	32.59	-47.69	50.97	74.00	23.03	Horizontal
2	7236	56.53	37.17	-44.99	48.71	74.00	25.29	Horizontal
3	9648	54.97	38.82	-41.09	52.70	74.00	21.30	Horizontal



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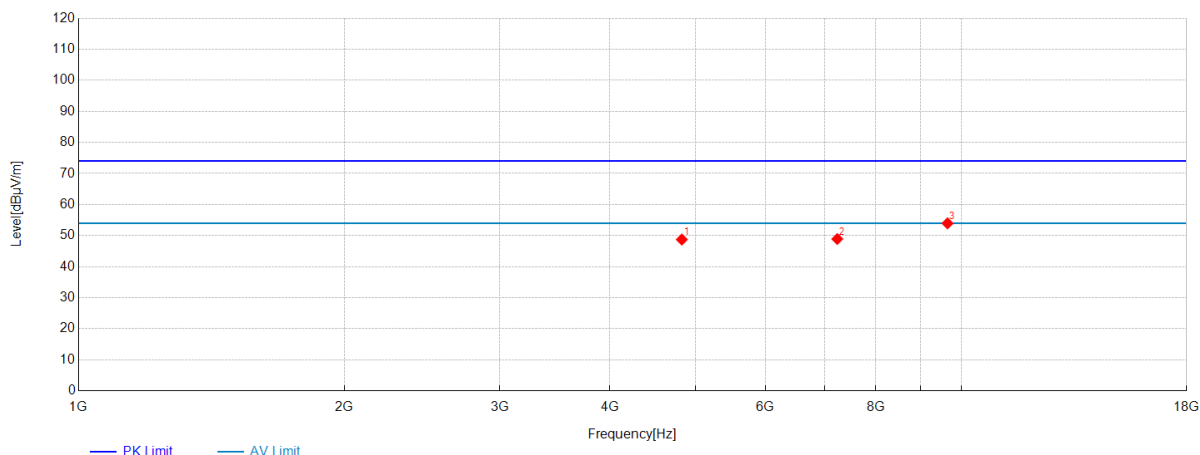
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### 802.11b\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824	63.84	32.59	-47.69	48.74	74.00	25.26	Vertical
2	7236	56.73	37.17	-44.99	48.91	74.00	25.09	Vertical
3	9648	56.22	38.82	-41.09	53.95	74.00	20.05	Vertical



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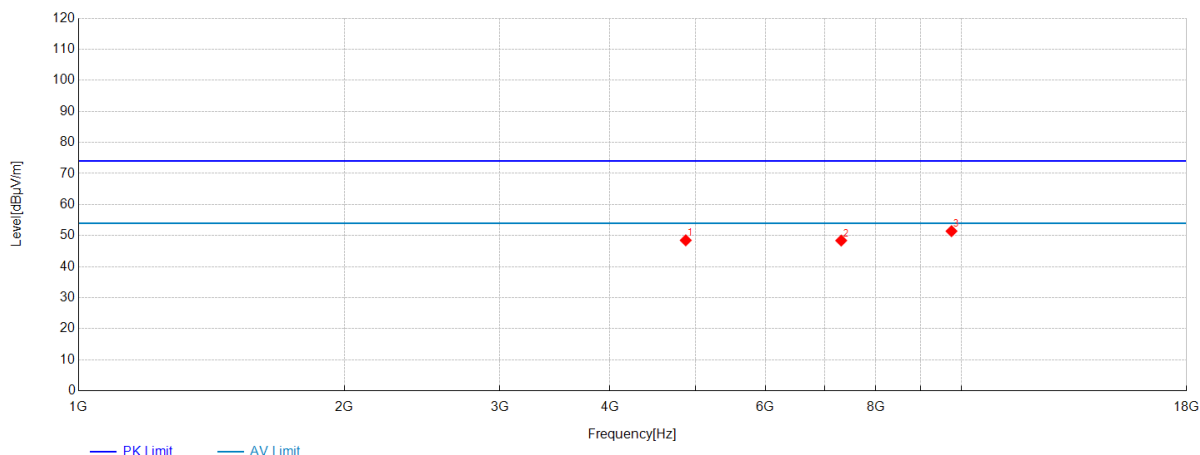
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### 802.11b\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	63.13	32.94	-47.59	48.48	74.00	25.52	Horizontal
2	7311	56.52	37.06	-45.17	48.41	74.00	25.59	Horizontal
3	9748	53.68	38.80	-41.05	51.43	74.00	22.57	Horizontal



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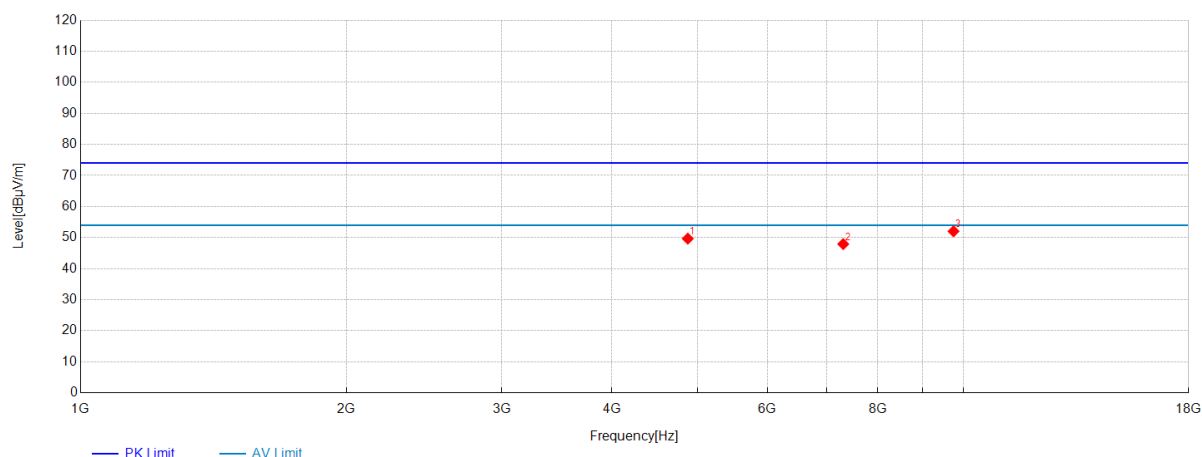
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### 802.11b\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	64.32	32.94	-47.59	49.67	74.00	24.33	Vertical
2	7311	56.03	37.06	-45.17	47.92	74.00	26.08	Vertical
3	9748	54.29	38.80	-41.05	52.04	74.00	21.96	Vertical



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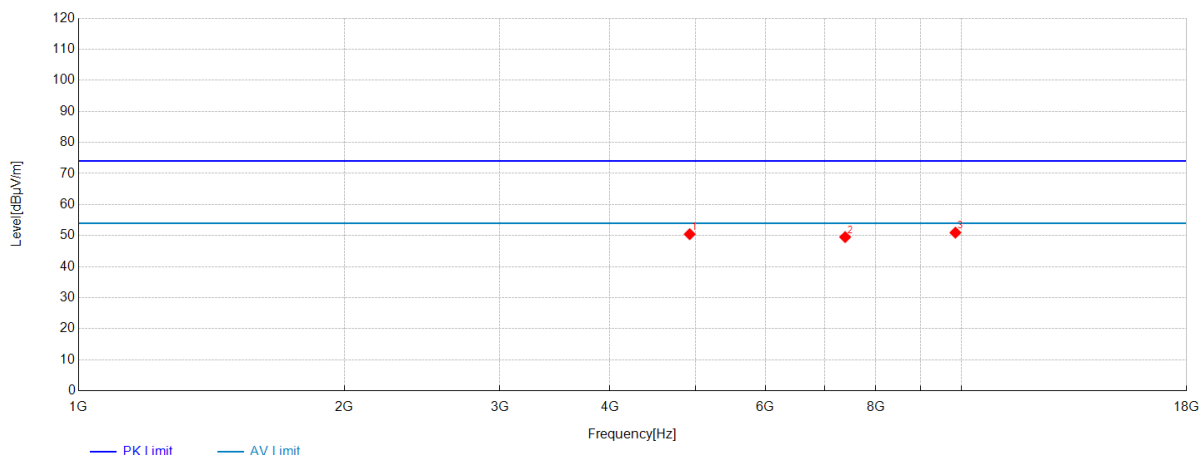
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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	64.68	33.15	-47.37	50.46	74.00	23.54	Horizontal
2	7386	56.77	36.83	-44.08	49.52	74.00	24.48	Horizontal
3	9848	53.38	38.80	-41.23	50.95	74.00	23.05	Horizontal



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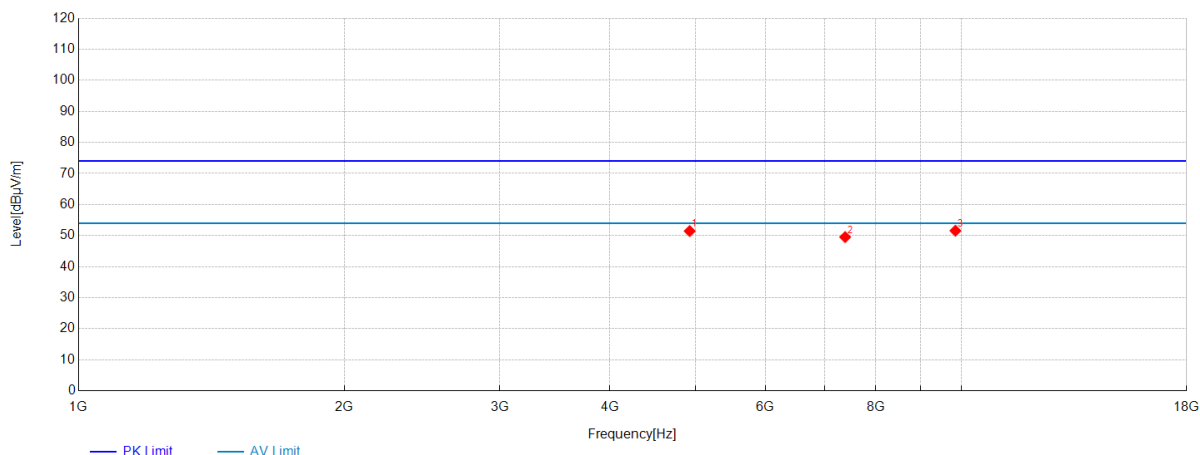


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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	65.68	33.15	-47.37	51.46	74.00	22.54	Vertical
2	7386	56.77	36.83	-44.08	49.52	74.00	24.48	Vertical
3	9848	53.99	38.80	-41.23	51.56	74.00	22.44	Vertical



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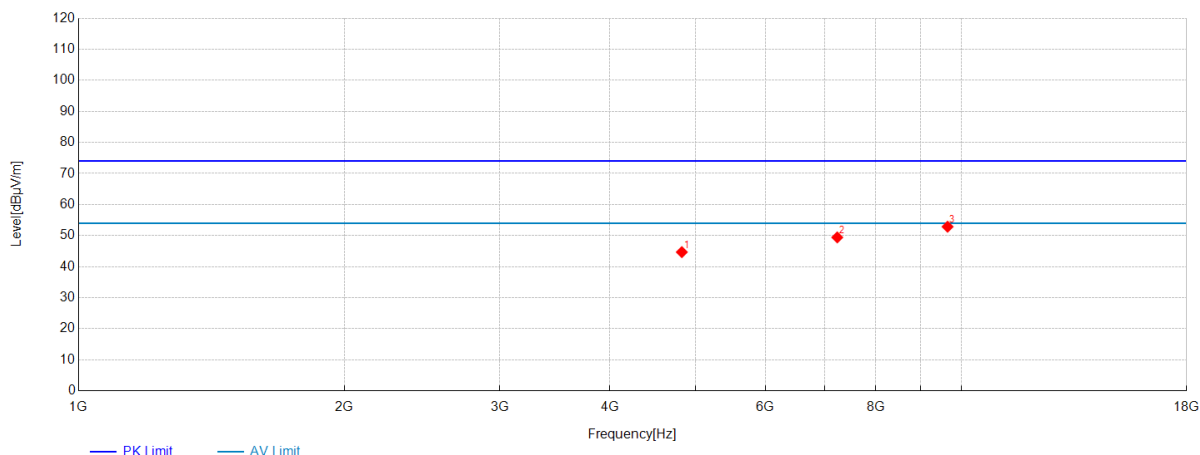
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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824	59.78	32.59	-47.69	44.68	74.00	29.32	Horizontal
2	7236	57.25	37.17	-44.99	49.43	74.00	24.57	Horizontal
3	9648	55.13	38.82	-41.09	52.86	74.00	21.14	Horizontal



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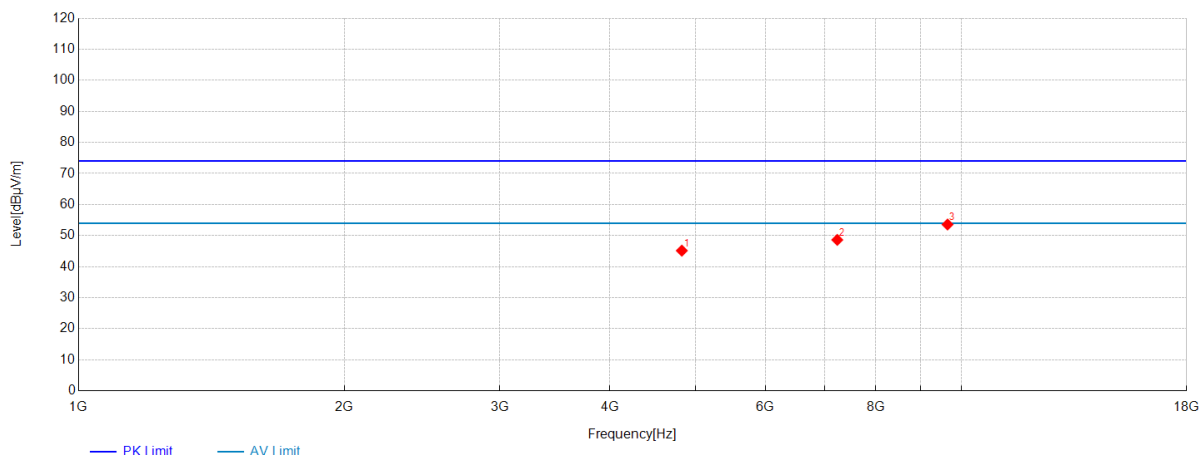


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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824	60.26	32.59	-47.69	45.16	74.00	28.84	Vertical
2	7236	56.45	37.17	-44.99	48.63	74.00	25.37	Vertical
3	9648	55.84	38.82	-41.09	53.57	74.00	20.43	Vertical



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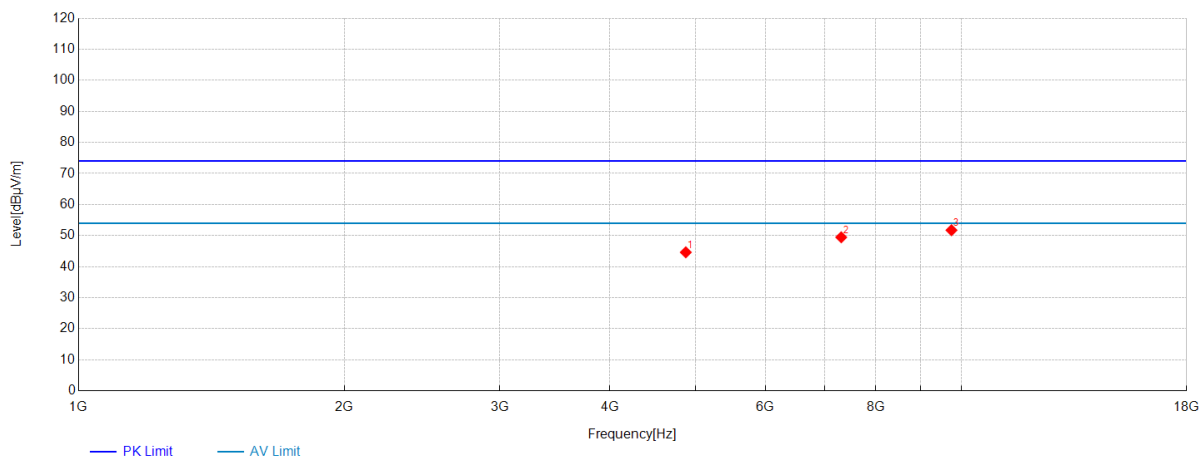
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### 802.11g\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	59.27	32.94	-47.59	44.62	74.00	29.38	Horizontal
2	7311	57.57	37.06	-45.17	49.46	74.00	24.54	Horizontal
3	9748	53.99	38.80	-41.05	51.74	74.00	22.26	Horizontal



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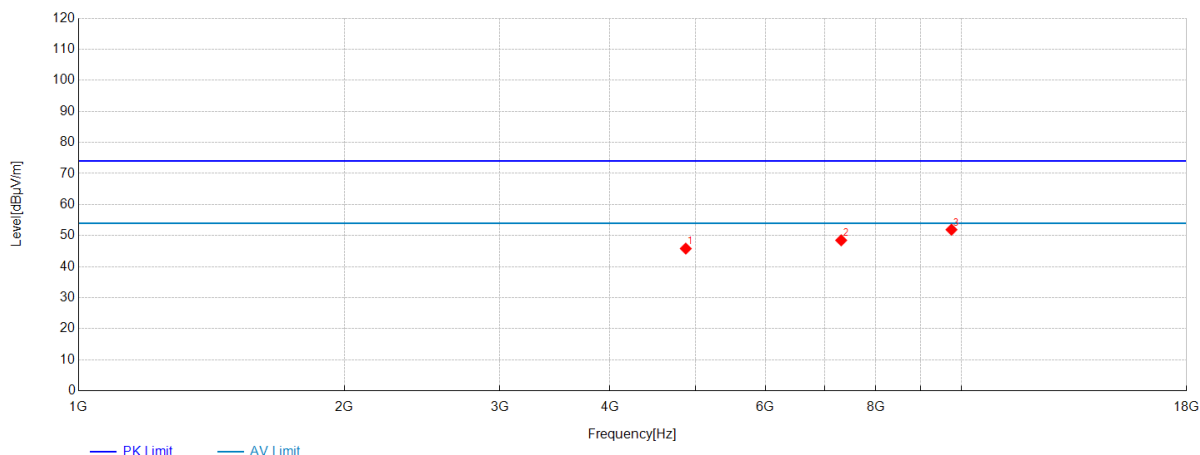
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### 802.11g\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	60.46	32.94	-47.59	45.81	74.00	28.19	Vertical
2	7311	56.59	37.06	-45.17	48.48	74.00	25.52	Vertical
3	9748	54.16	38.80	-41.05	51.91	74.00	22.09	Vertical



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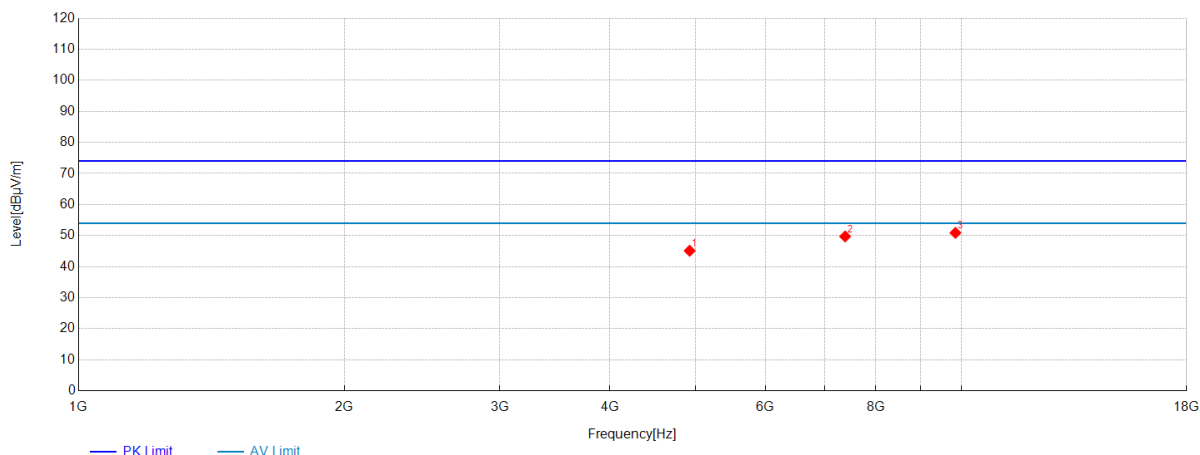
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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	59.34	33.15	-47.37	45.12	74.00	28.88	Horizontal
2	7386	56.98	36.83	-44.08	49.73	74.00	24.27	Horizontal
3	9848	53.31	38.80	-41.23	50.88	74.00	23.12	Horizontal



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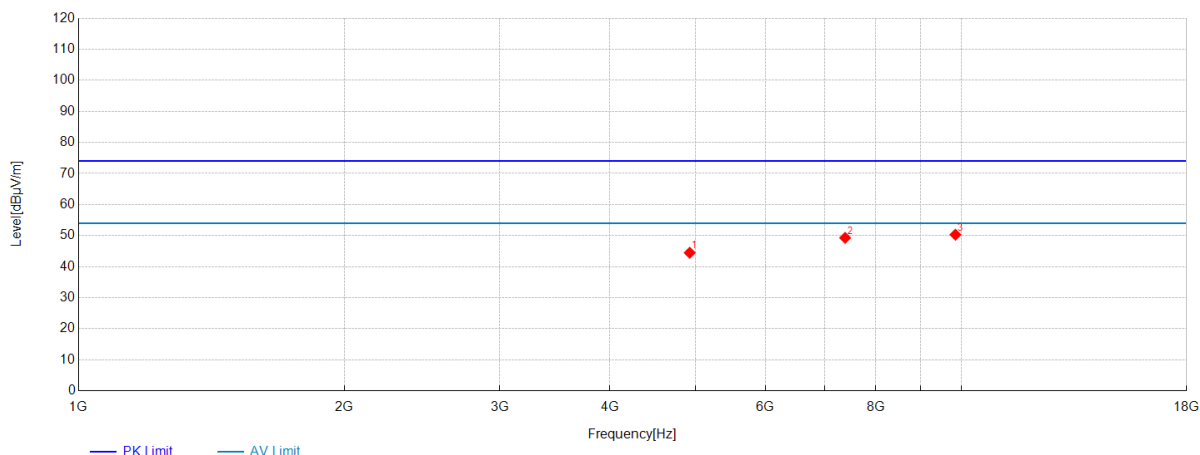
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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	58.69	33.15	-47.37	44.47	74.00	29.53	Vertical
2	7386	56.52	36.83	-44.08	49.27	74.00	24.73	Vertical
3	9848	52.72	38.80	-41.23	50.29	74.00	23.71	Vertical



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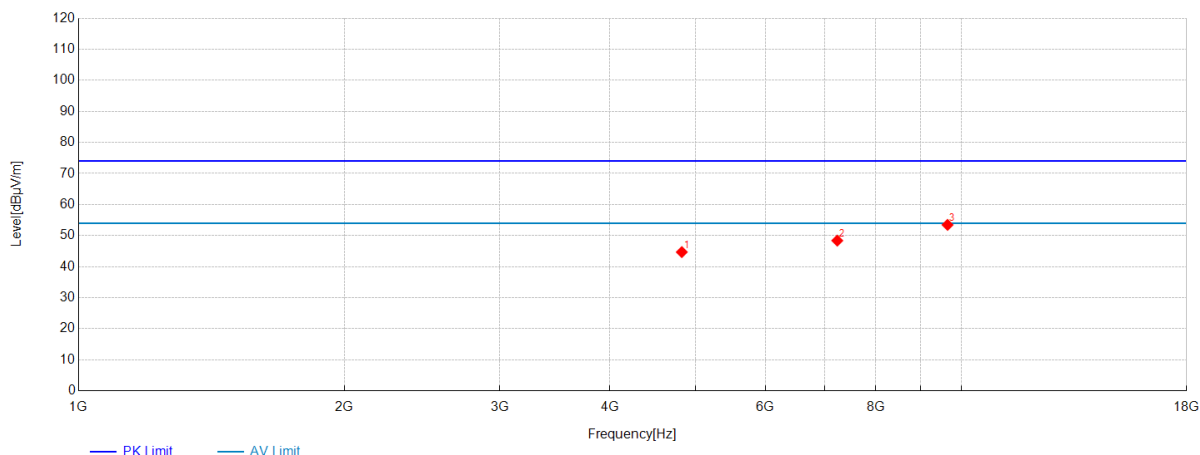
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### 802.11n20\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824	59.80	32.59	-47.69	44.70	74.00	29.30	Horizontal
2	7236	56.21	37.17	-44.99	48.39	74.00	25.61	Horizontal
3	9648	55.72	38.82	-41.09	53.45	74.00	20.55	Horizontal



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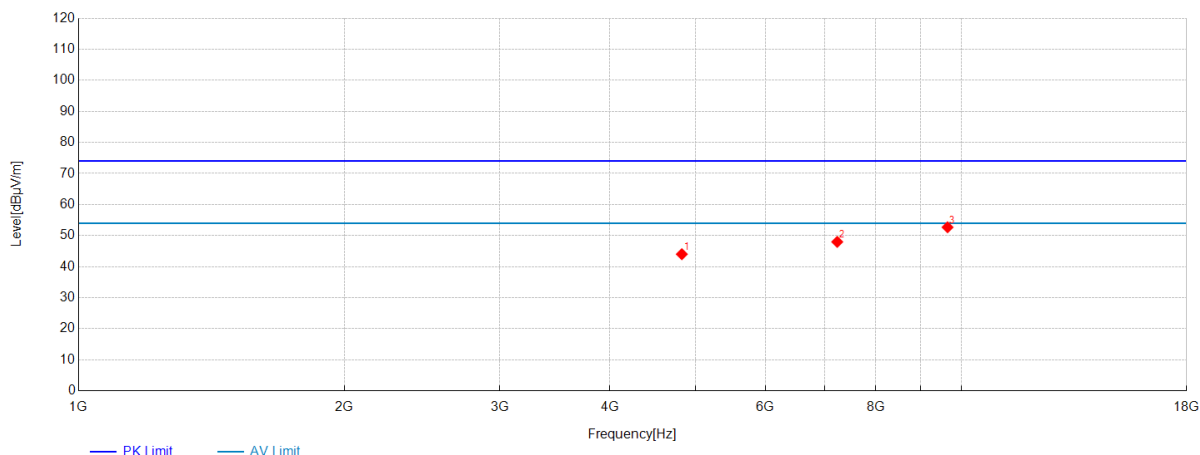


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### 802.11n20\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4824	59.12	32.59	-47.69	44.02	74.00	29.98	Vertical
2	7236	55.80	37.17	-44.99	47.98	74.00	26.02	Vertical
3	9648	54.96	38.82	-41.09	52.69	74.00	21.31	Vertical



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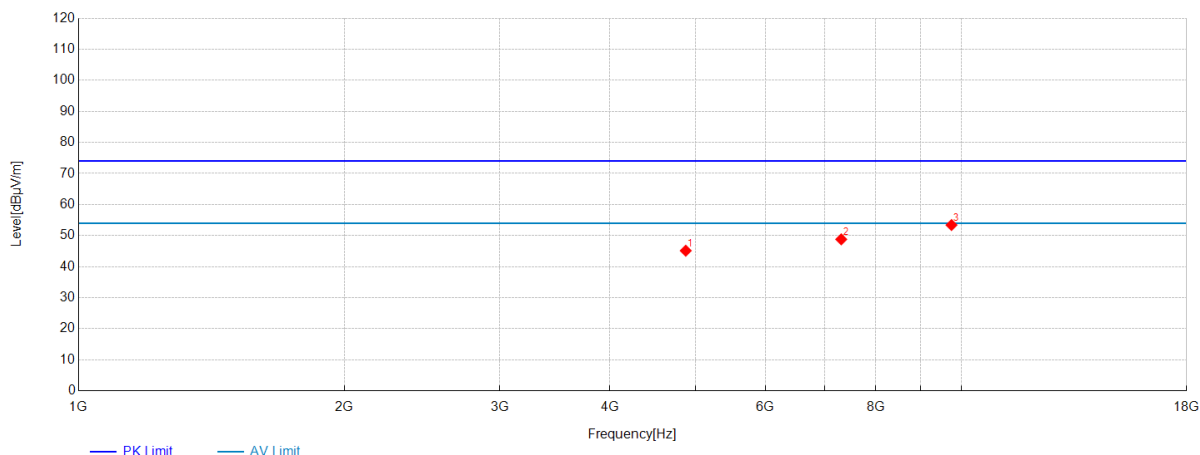
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### 802.11n20\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	59.79	32.94	-47.59	45.14	74.00	28.86	Horizontal
2	7311	56.91	37.06	-45.17	48.80	74.00	25.20	Horizontal
3	9748	55.66	38.80	-41.05	53.41	74.00	20.59	Horizontal



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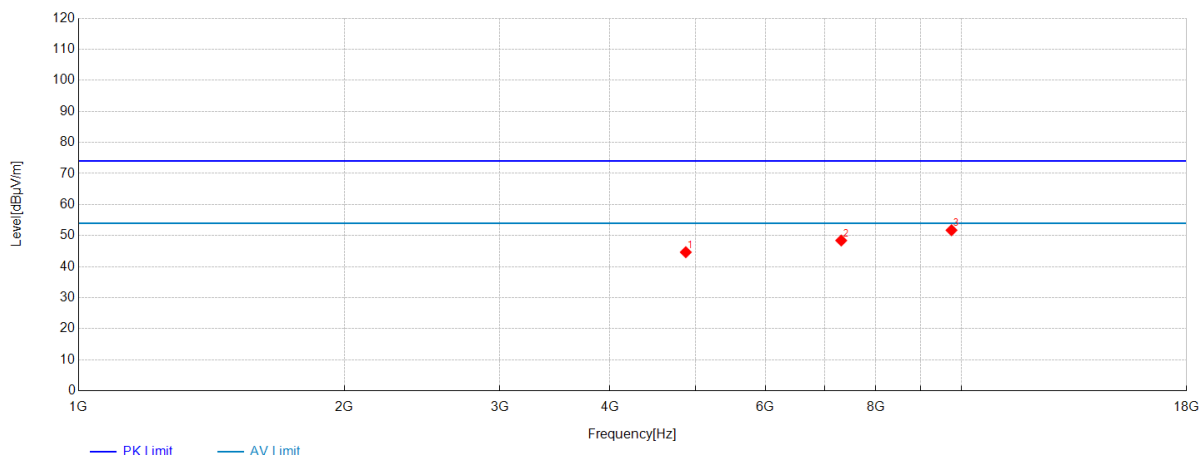
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### 802.11n20\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	59.30	32.94	-47.59	44.65	74.00	29.35	Vertical
2	7311	56.53	37.06	-45.17	48.42	74.00	25.58	Vertical
3	9748	53.98	38.80	-41.05	51.73	74.00	22.27	Vertical



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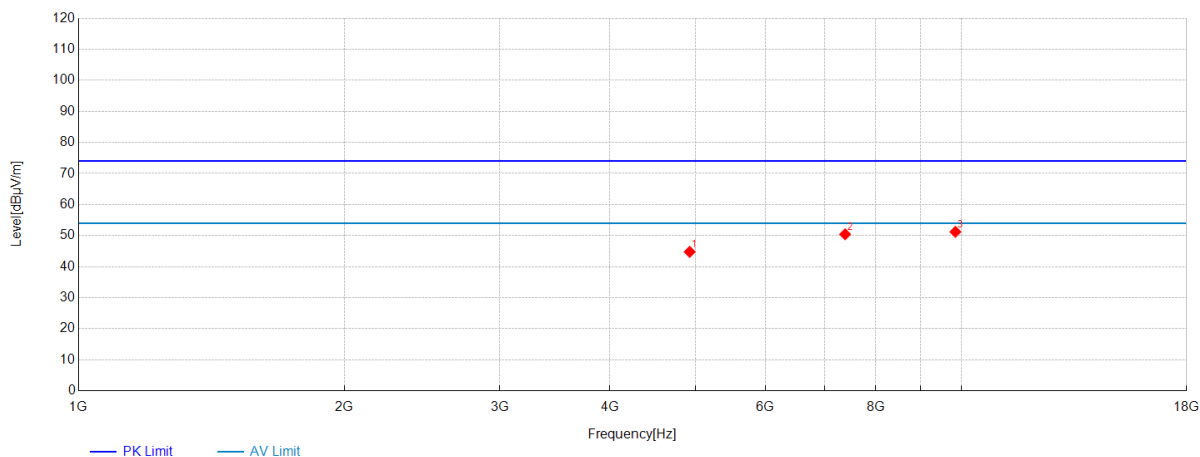
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### 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	58.99	33.15	-47.37	44.77	74.00	29.23	Horizontal
2	7386	57.68	36.83	-44.08	50.43	74.00	23.57	Horizontal
3	9848	53.64	38.80	-41.23	51.21	74.00	22.79	Horizontal



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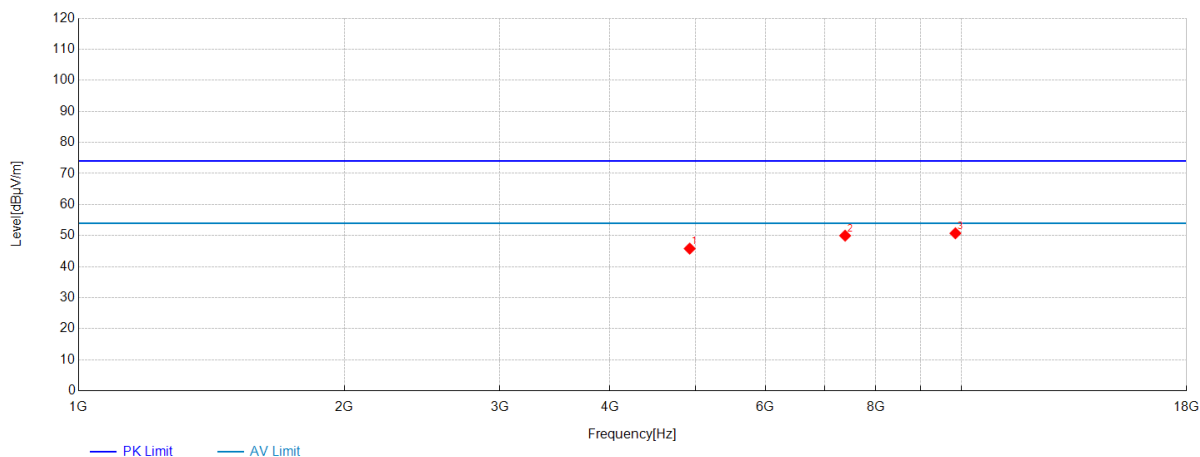
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### 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4924	60.02	33.15	-47.37	45.80	74.00	28.20	Vertical
2	7386	57.23	36.83	-44.08	49.98	74.00	24.02	Vertical
3	9848	53.18	38.80	-41.23	50.75	74.00	23.25	Vertical



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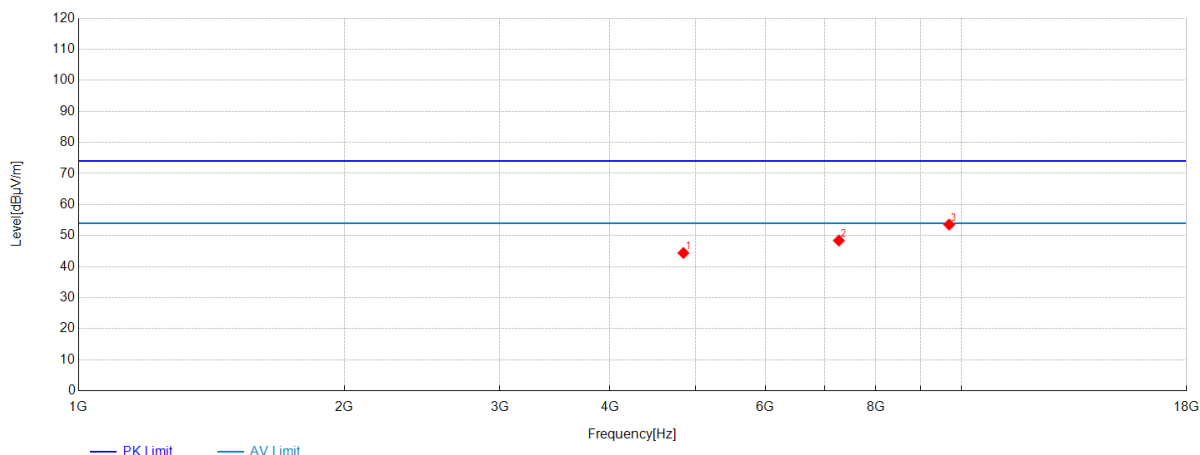
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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4844	59.29	32.75	-47.64	44.40	74.00	29.60	Horizontal
2	7266	56.48	37.17	-45.24	48.41	74.00	25.59	Horizontal
3	9688	56.02	38.72	-41.20	53.54	74.00	20.46	Horizontal



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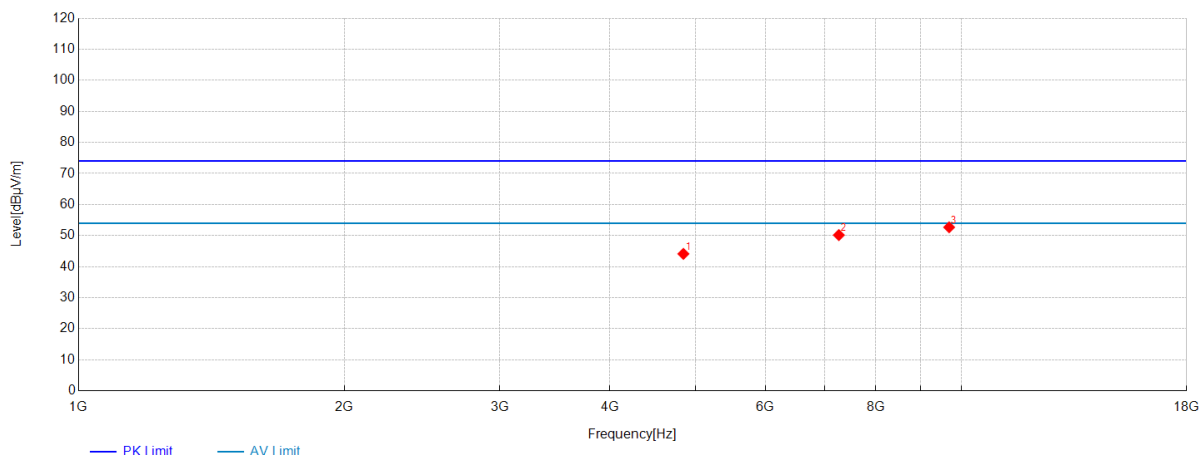


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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4844	59.01	32.75	-47.64	44.12	74.00	29.88	Vertical
2	7266	58.24	37.17	-45.24	50.17	74.00	23.83	Vertical
3	9688	55.16	38.72	-41.20	52.68	74.00	21.32	Vertical



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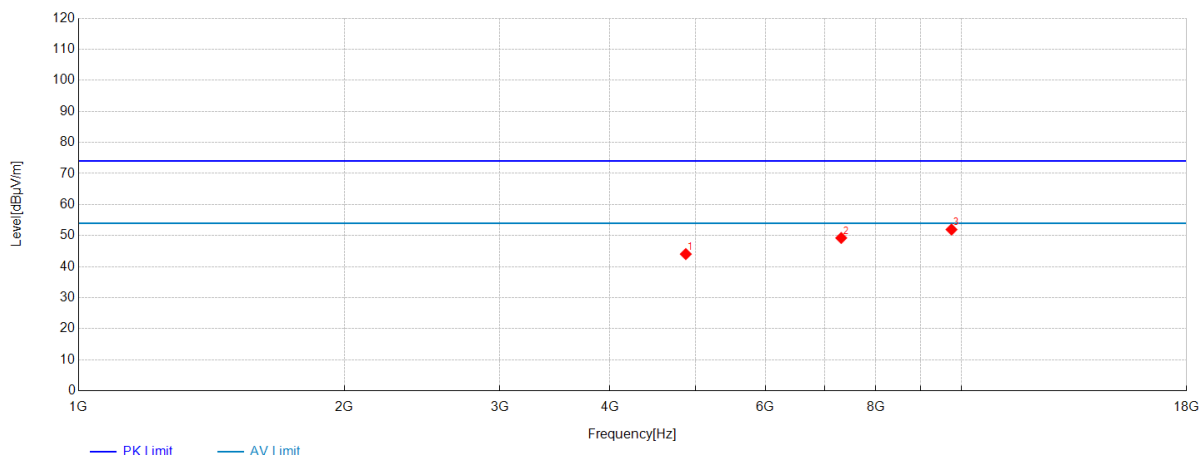
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### 802.11n40\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	58.70	32.94	-47.59	44.05	74.00	29.95	Horizontal
2	7311	57.35	37.06	-45.17	49.24	74.00	24.76	Horizontal
3	9748	54.20	38.80	-41.05	51.95	74.00	22.05	Horizontal



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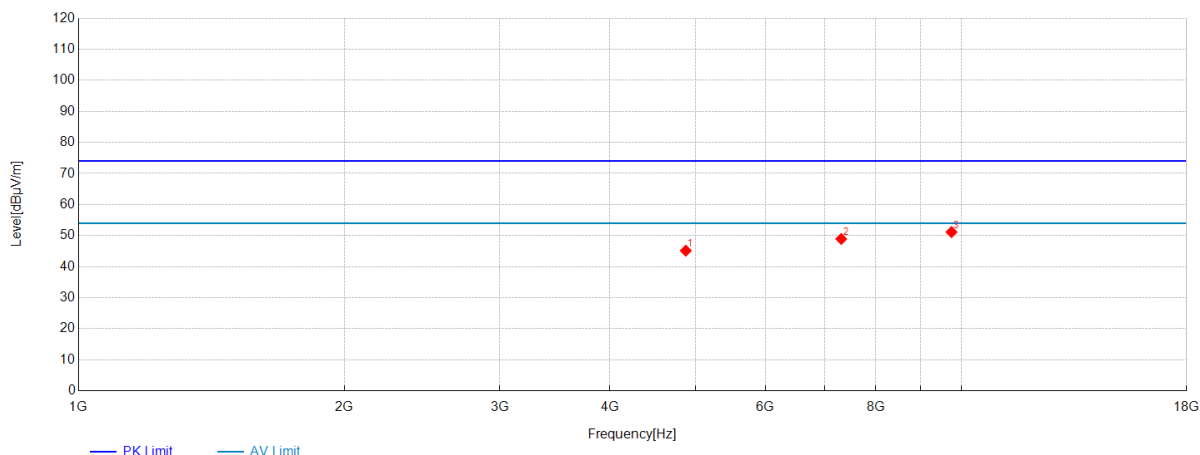
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### 802.11n40\_Channel 6



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4874	59.81	32.94	-47.59	45.16	74.00	28.84	Vertical
2	7311	57.04	37.06	-45.17	48.93	74.00	25.07	Vertical
3	9748	53.39	38.80	-41.05	51.14	74.00	22.86	Vertical



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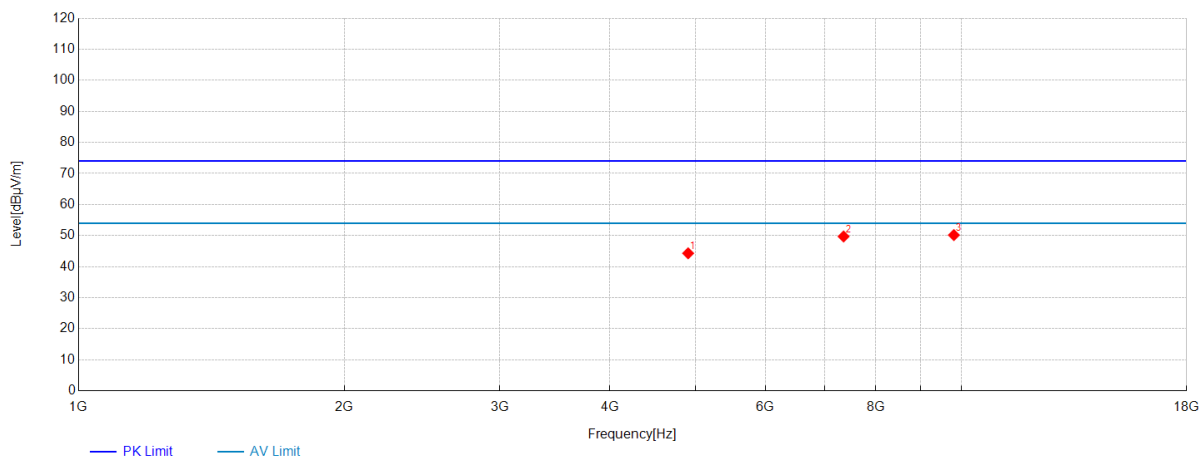
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### 802.11n40\_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4904	58.73	33.11	-47.53	44.31	74.00	29.69	Horizontal
2	7356	56.79	36.89	-43.96	49.72	74.00	24.28	Horizontal
3	9808	52.87	38.88	-41.58	50.17	74.00	23.83	Horizontal



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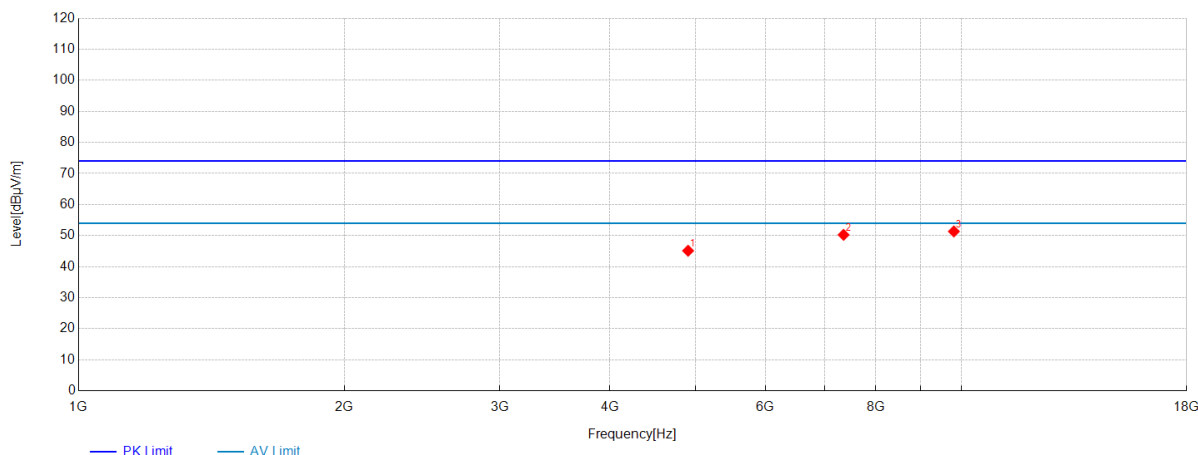
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### 802.11n40\_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	4904	59.54	33.11	-47.53	45.12	74.00	28.88	Vertical
2	7356	57.31	36.89	-43.96	50.24	74.00	23.76	Vertical
3	9808	54.04	38.88	-41.58	51.34	74.00	22.66	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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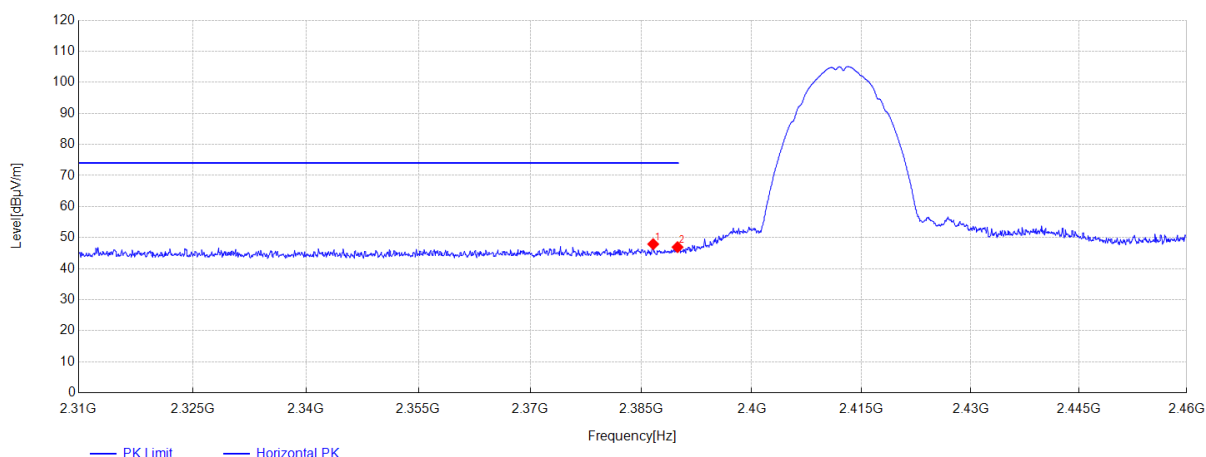
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### Restricted bands around fundamental frequency

#### 802.11b\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2386.6133	37.87	27.83	-17.80	47.90	74.00	26.10	Horizontal
2	2389.915	36.83	27.82	-17.72	46.93	74.00	27.07	Horizontal



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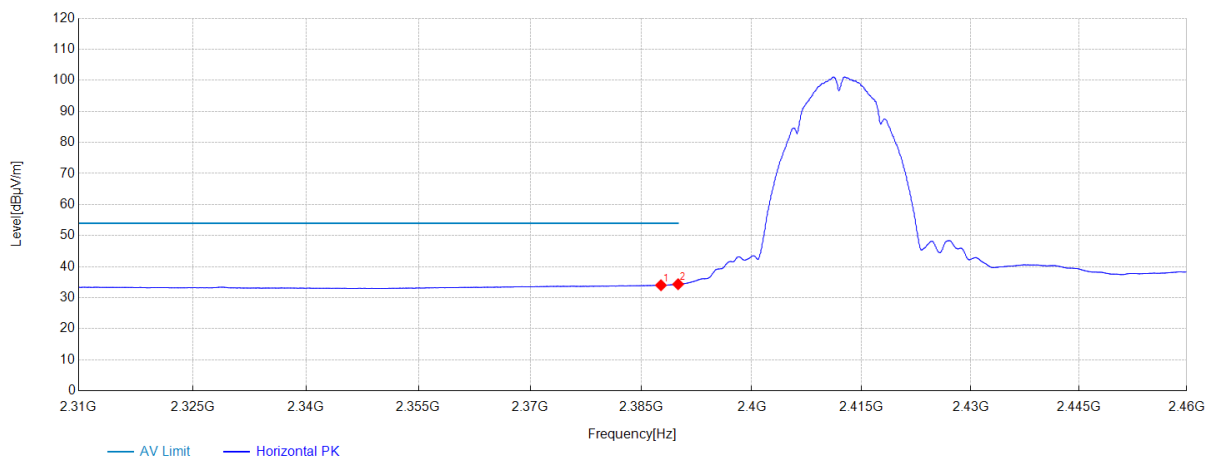


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### 802.11b\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2387.6638	23.97	27.82	-17.78	34.01	54.00	19.99	Horizontal
2	2389.99	24.25	27.82	-17.72	34.35	54.00	19.65	Horizontal



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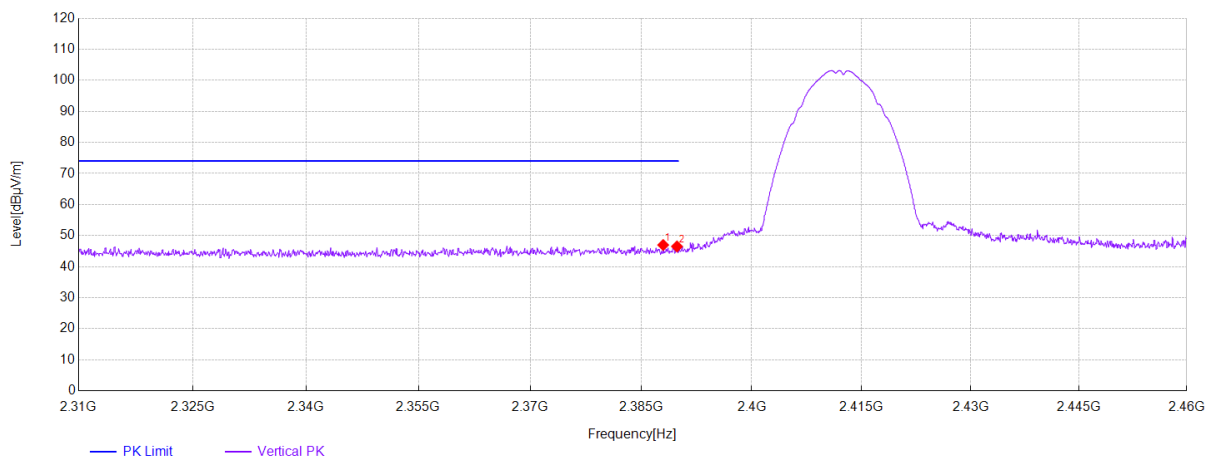
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### 802.11b\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2387.964	36.93	27.82	-17.77	46.98	74.00	27.02	Vertical
2	2389.8399	36.42	27.82	-17.73	46.51	74.00	27.49	Vertical



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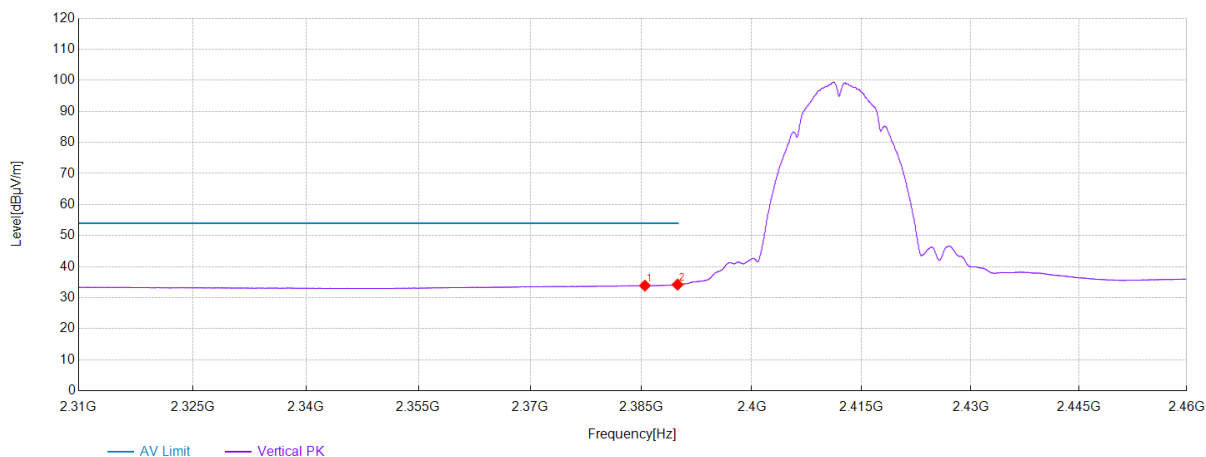
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### 802.11b\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2385.4877	23.89	27.83	-17.83	33.89	54.00	20.11	Vertical
2	2389.915	24.13	27.82	-17.72	34.23	54.00	19.77	Vertical



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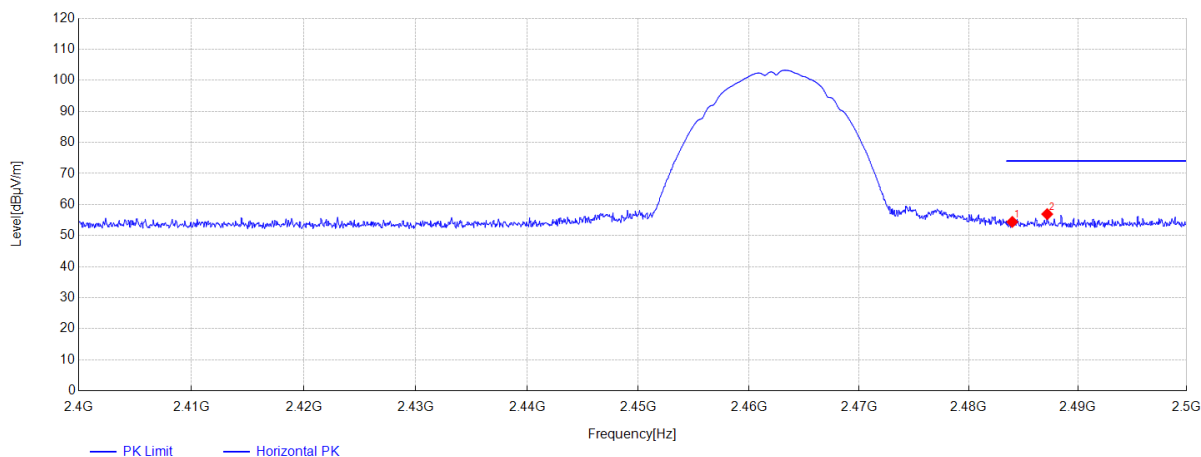
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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.992	45.54	27.97	-19.10	54.41	74.00	19.59	Horizontal
2	2487.1936	48.04	27.97	-19.10	56.91	74.00	17.09	Horizontal



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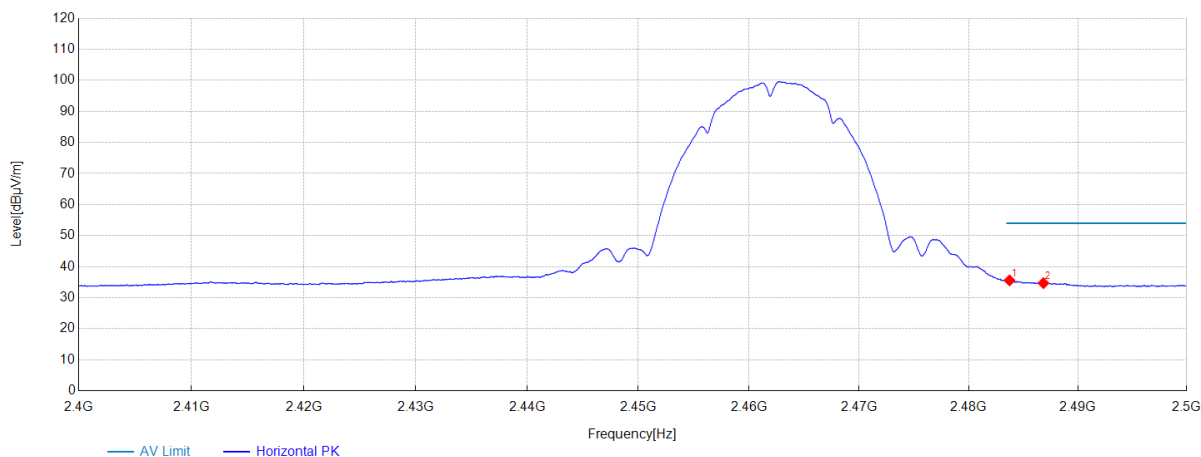
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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.7419	26.70	27.97	-19.10	35.57	54.00	18.43	Horizontal
2	2486.8434	25.83	27.97	-19.10	34.70	54.00	19.30	Horizontal



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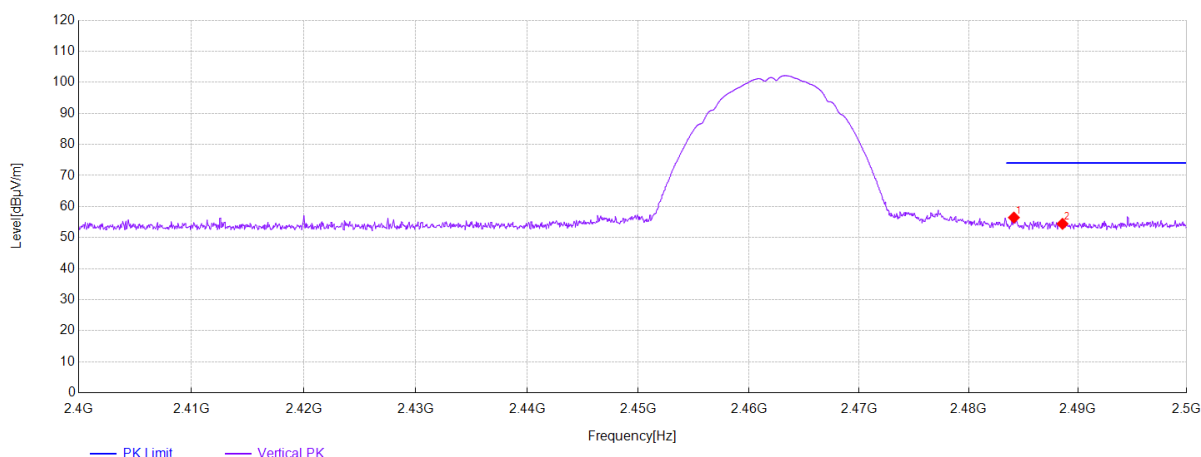
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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.1421	47.58	27.97	-19.10	56.45	74.00	17.55	Vertical
2	2488.5943	45.56	27.98	-19.10	54.44	74.00	19.56	Vertical



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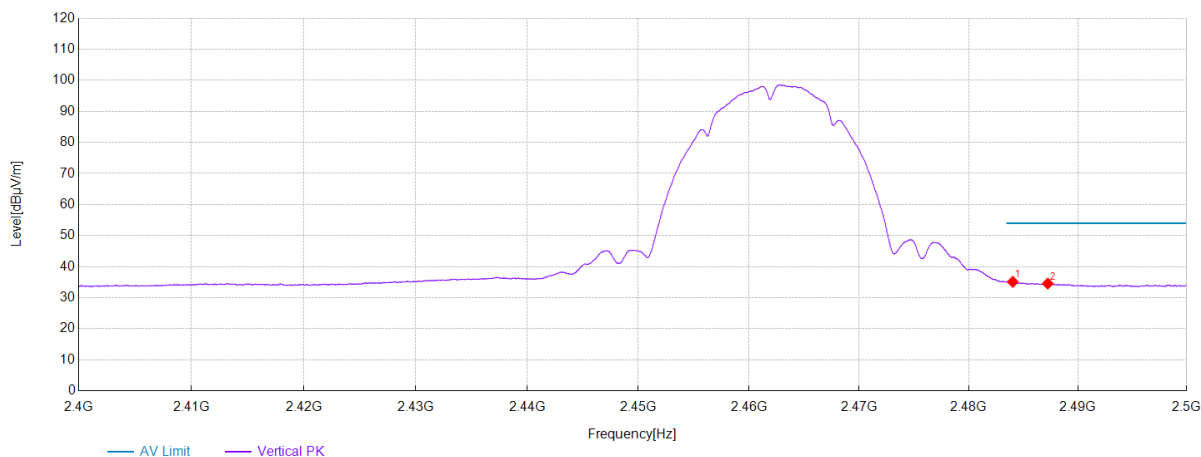


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### 802.11b\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2484.042	26.24	27.97	-19.10	35.11	54.00	18.89	Vertical
2	2487.2436	25.68	27.97	-19.10	34.55	54.00	19.45	Vertical



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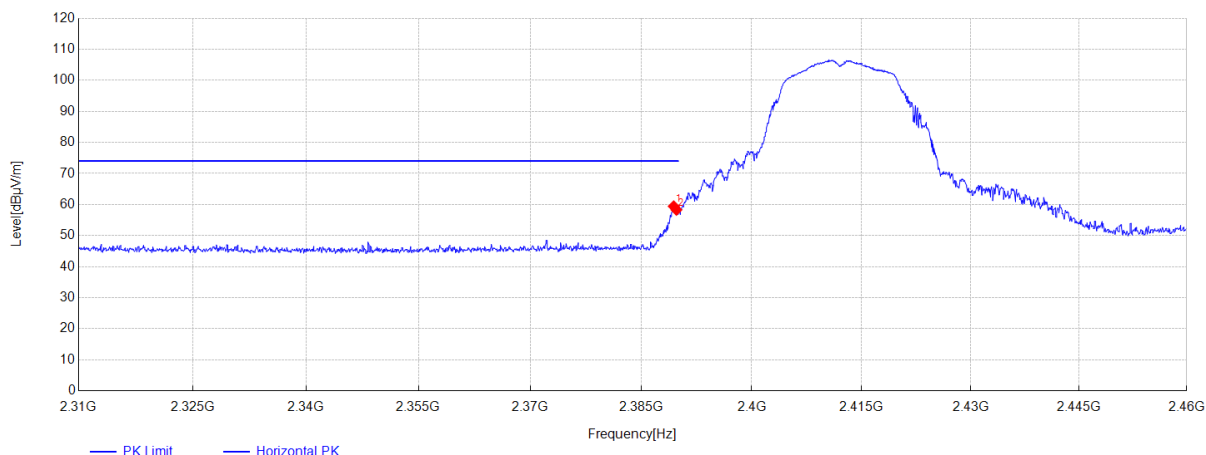
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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.3897	49.36	27.82	-17.74	59.44	74.00	14.56	Horizontal
2	2389.7649	48.20	27.82	-17.73	58.29	74.00	15.71	Horizontal



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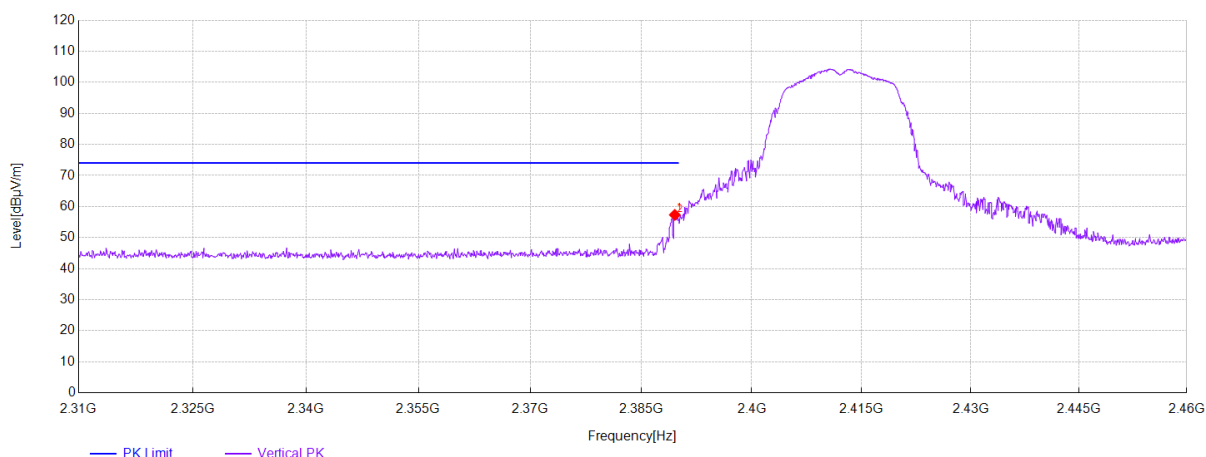
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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.5398	47.24	27.82	-17.73	57.33	74.00	16.67	Vertical
2	2389.6898	46.75	27.82	-17.73	56.84	74.00	17.16	Vertical



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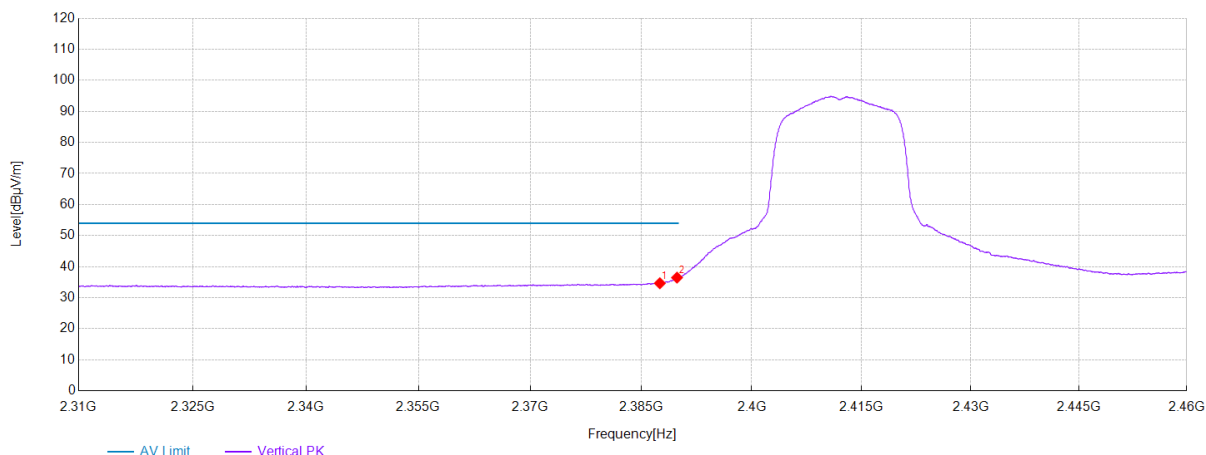
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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2387.5138	24.62	27.82	-17.78	34.66	54.00	19.34	Vertical
2	2389.8399	26.38	27.82	-17.73	36.47	54.00	17.53	Vertical



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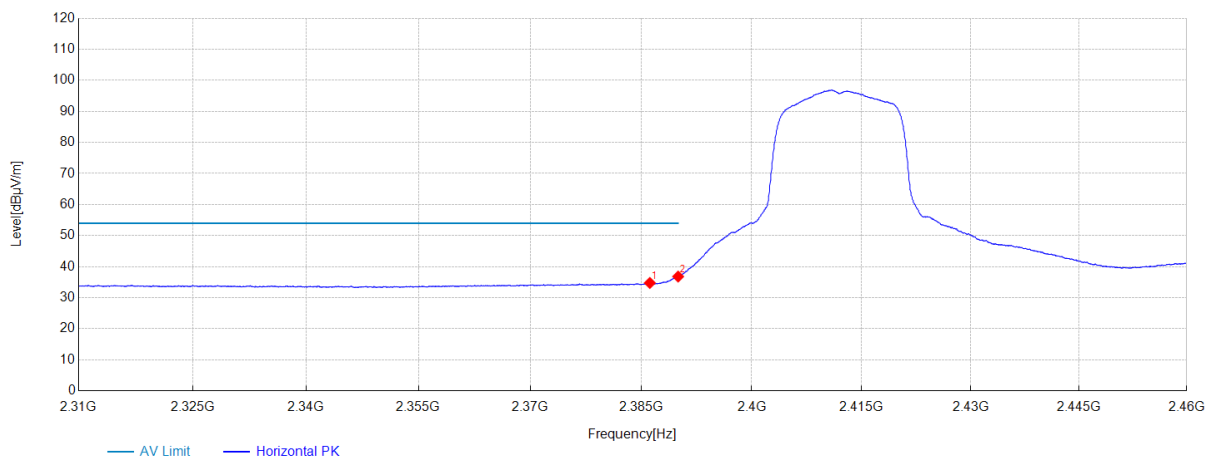
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### 802.11g\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2386.1631	24.74	27.83	-17.81	34.76	54.00	19.24	Horizontal
2	2389.99	26.71	27.82	-17.72	36.81	54.00	17.19	Horizontal



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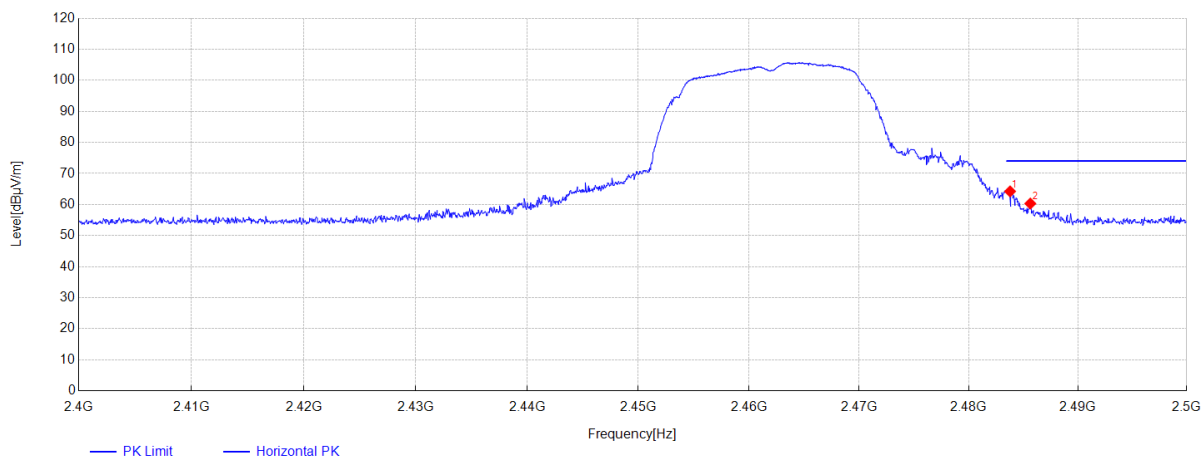
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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.7919	55.37	27.97	-19.10	64.24	74.00	9.76	Horizontal
2	2485.6428	51.44	27.97	-19.10	60.31	74.00	13.69	Horizontal



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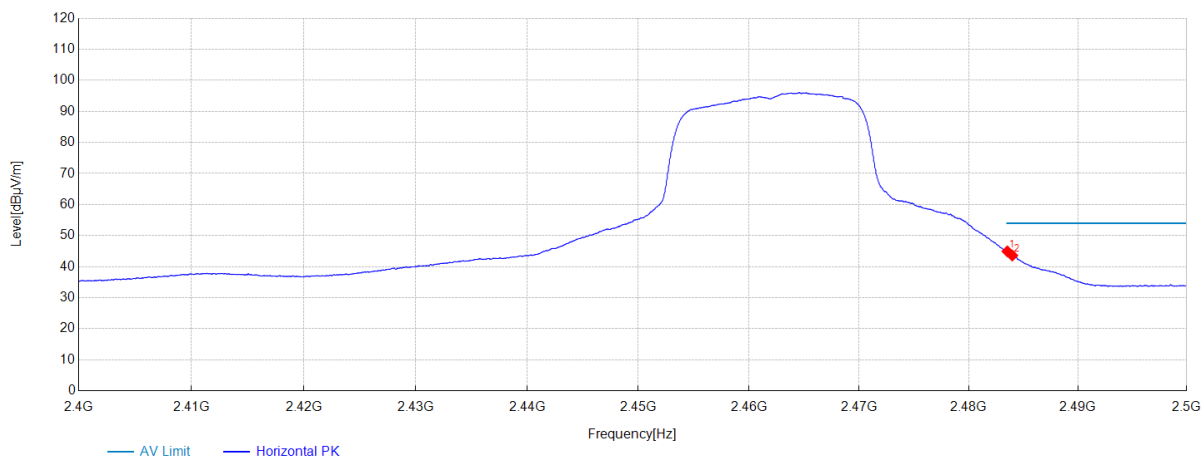


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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5418	36.07	27.97	-19.10	44.94	54.00	9.06	Horizontal
2	2483.992	34.73	27.97	-19.10	43.60	54.00	10.40	Horizontal



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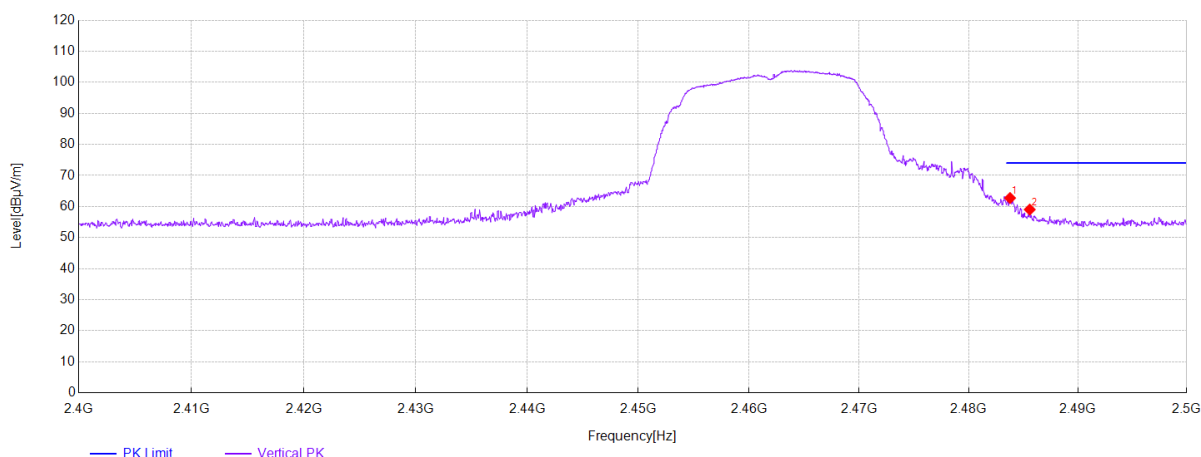
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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.7919	53.87	27.97	-19.10	62.74	74.00	11.26	Vertical
2	2485.5928	50.16	27.97	-19.10	59.03	74.00	14.97	Vertical



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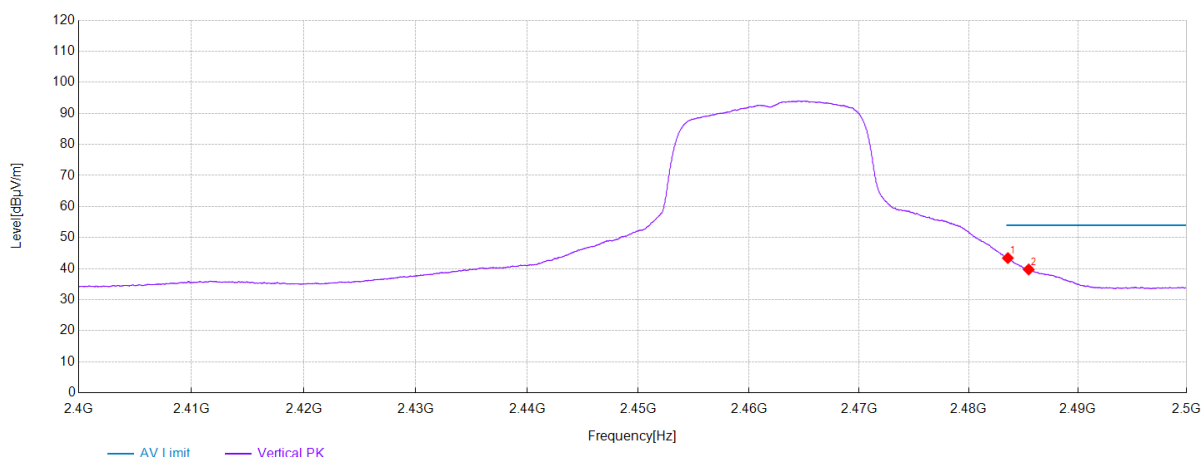
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### 802.11g\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5918	34.54	27.97	-19.10	43.41	54.00	10.59	Vertical
2	2485.4927	30.87	27.97	-19.10	39.74	54.00	14.26	Vertical



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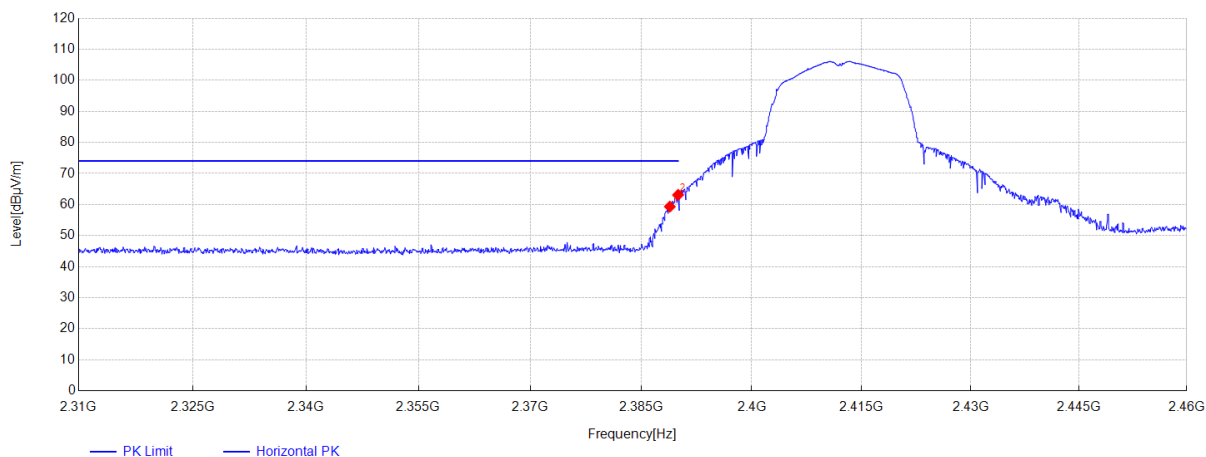
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### 802.11n20\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.8644	49.25	27.82	-17.75	59.32	74.00	14.68	Horizontal
2	2389.99	53.02	27.82	-17.72	63.12	74.00	10.88	Horizontal



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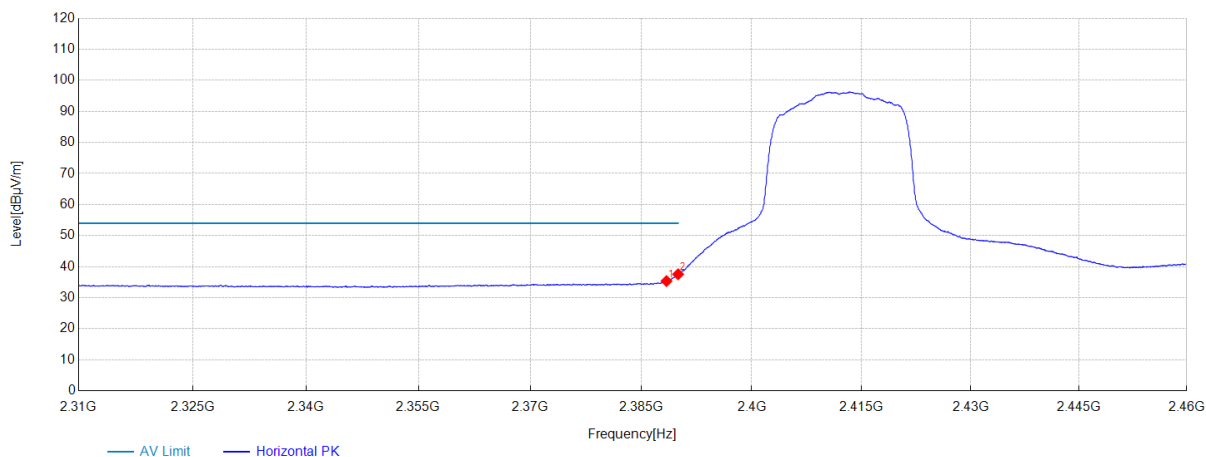
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.4142	25.30	27.82	-17.76	35.36	54.00	18.64	Horizontal
2	2389.99	27.45	27.82	-17.72	37.55	54.00	16.45	Horizontal



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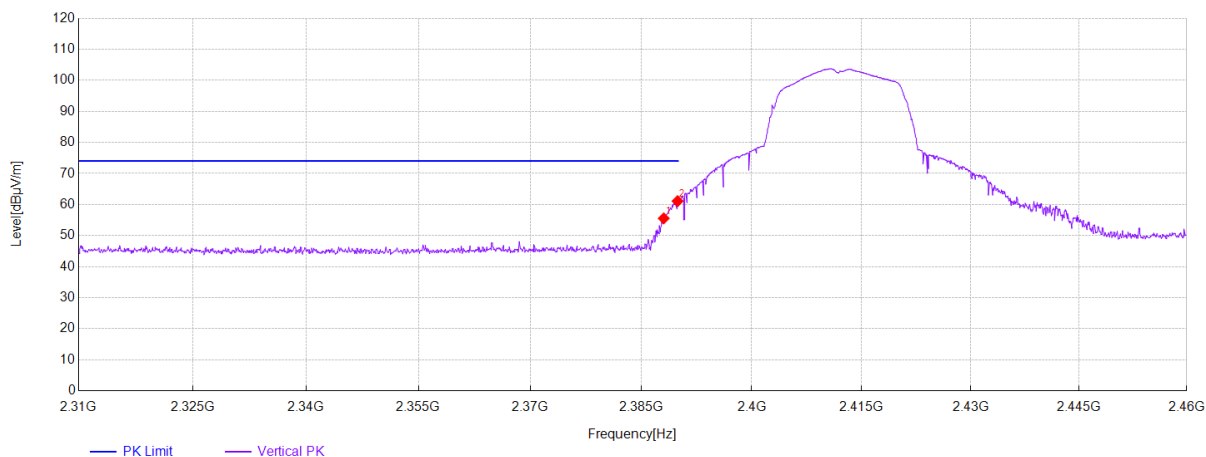
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### 802.11n20\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.039	45.50	27.82	-17.77	55.55	74.00	18.45	Vertical
2	2389.915	51.01	27.82	-17.72	61.11	74.00	12.89	Vertical



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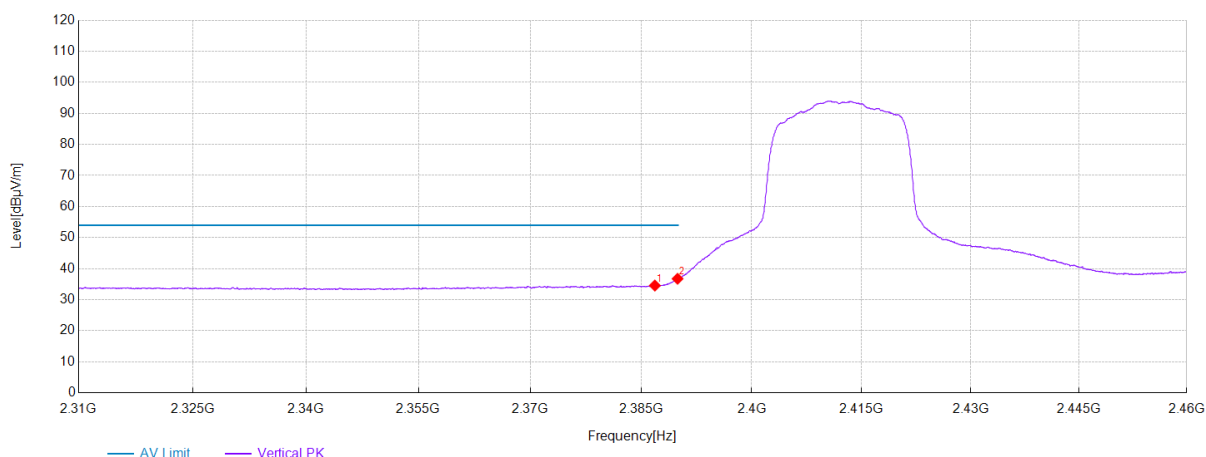


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### 802.11n20\_Channel 1



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2386.8384	24.53	27.83	-17.80	34.56	54.00	19.44	Vertical
2	2389.915	26.65	27.82	-17.72	36.75	54.00	17.25	Vertical



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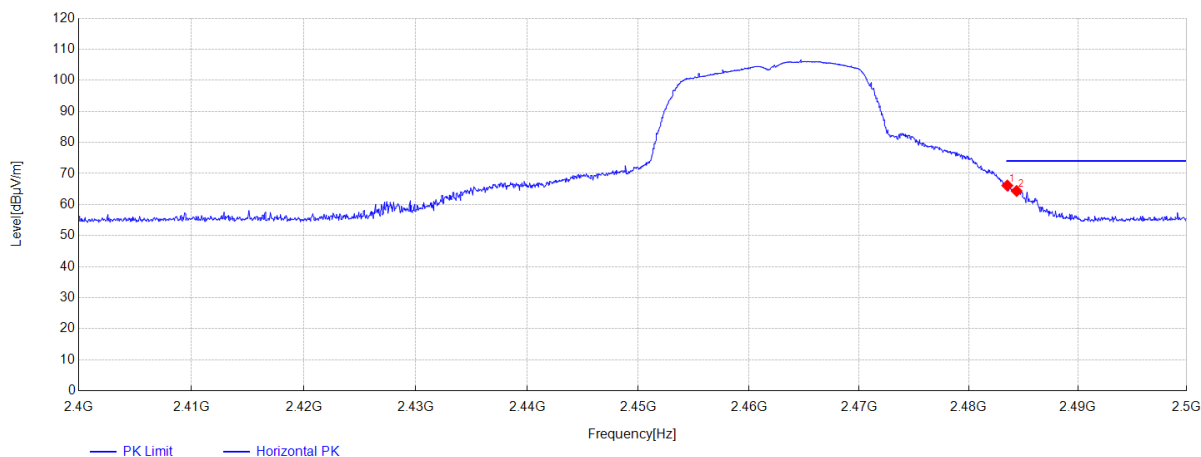
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### 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5418	57.24	27.97	-19.10	66.11	74.00	7.89	Horizontal
2	2484.3922	55.48	27.97	-19.10	64.35	74.00	9.65	Horizontal



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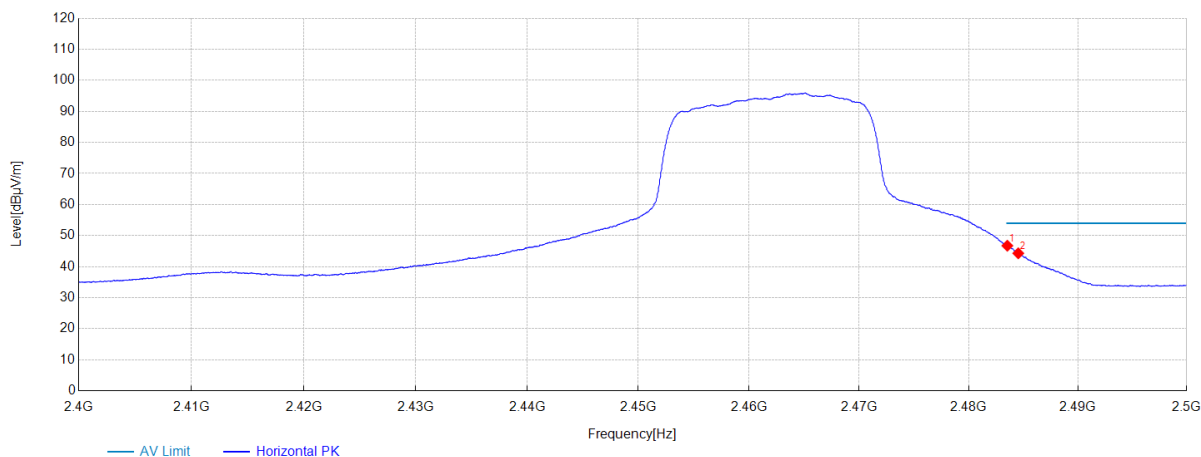
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### 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5418	37.87	27.97	-19.10	46.74	54.00	7.26	Horizontal
2	2484.5423	35.44	27.97	-19.10	44.31	54.00	9.69	Horizontal



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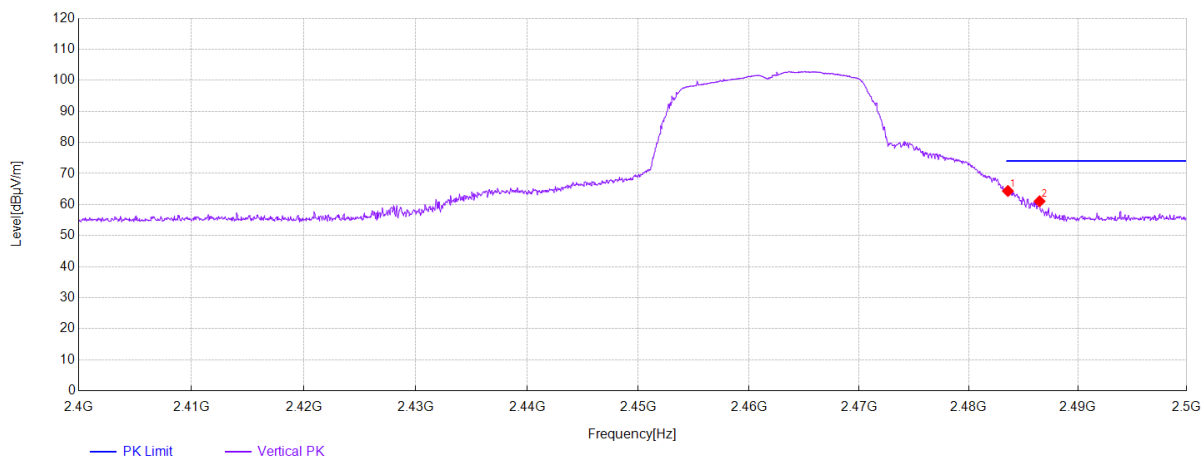
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## 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5918	55.50	27.97	-19.10	64.37	74.00	9.63	Vertical
2	2486.4932	52.19	27.97	-19.10	61.06	74.00	12.94	Vertical



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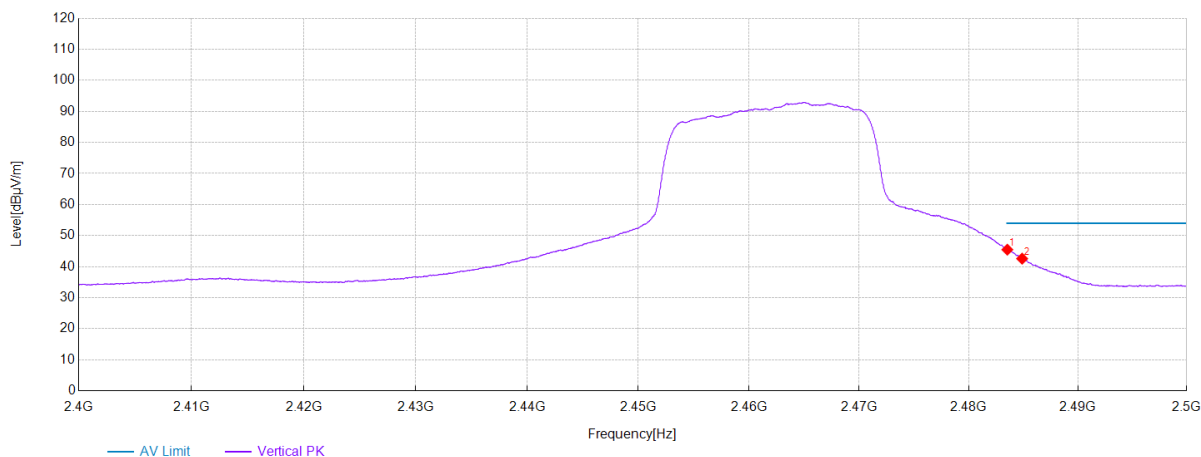
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### 802.11n20\_Channel 11



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2483.5418	36.60	27.97	-19.10	45.47	54.00	8.53	Vertical
2	2484.8924	33.71	27.97	-19.10	42.58	54.00	11.42	Vertical



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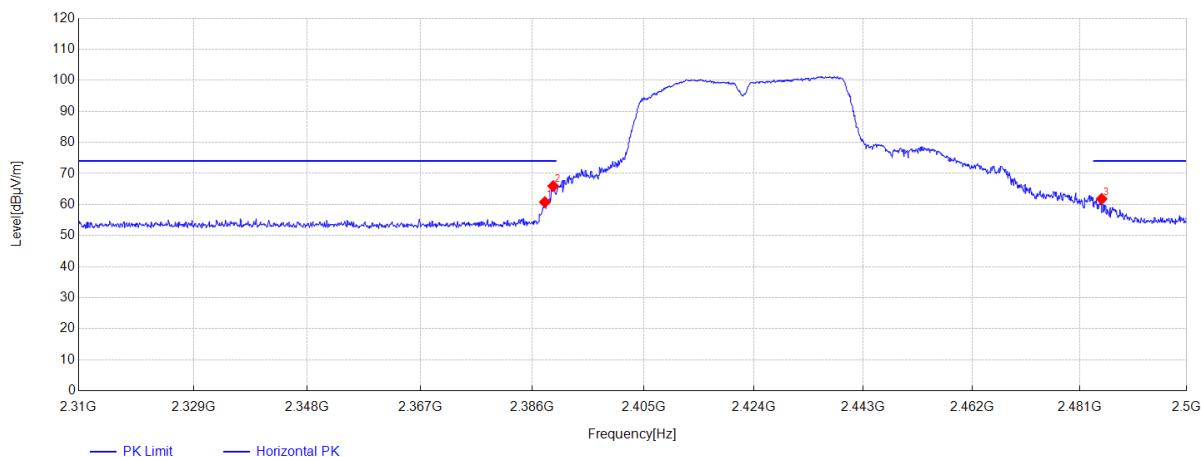
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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.1291	52.16	27.82	-19.20	60.78	74.00	13.22	Horizontal
2	2389.5548	57.28	27.82	-19.16	65.94	74.00	8.06	Horizontal
3	2484.8874	52.95	27.97	-19.10	61.82	74.00	12.18	Horizontal



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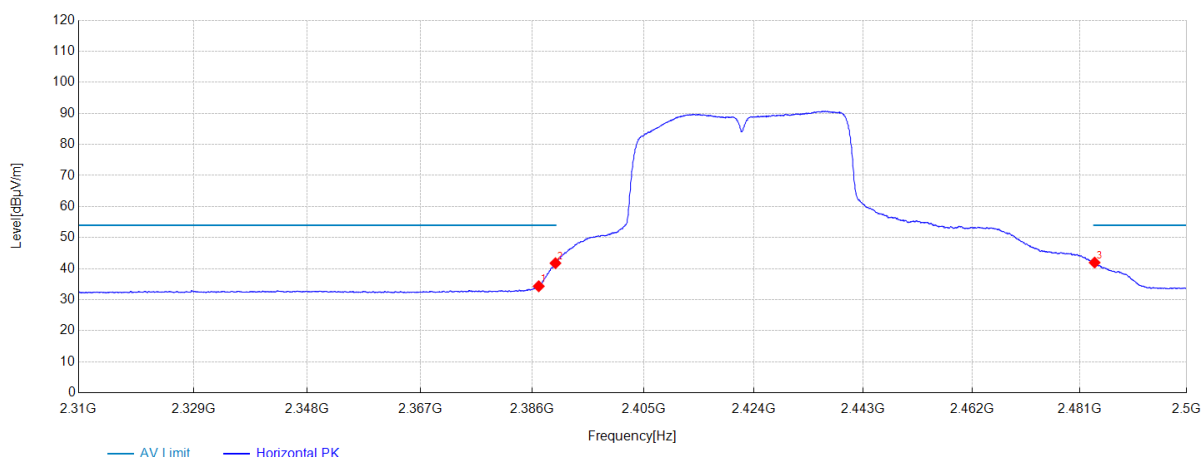


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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2387.0835	25.74	27.83	-19.23	34.34	54.00	19.66	Horizontal
2	2389.935	33.09	27.82	-19.15	41.76	54.00	12.24	Horizontal
3	2483.6518	33.09	27.97	-19.10	41.96	54.00	12.04	Horizontal



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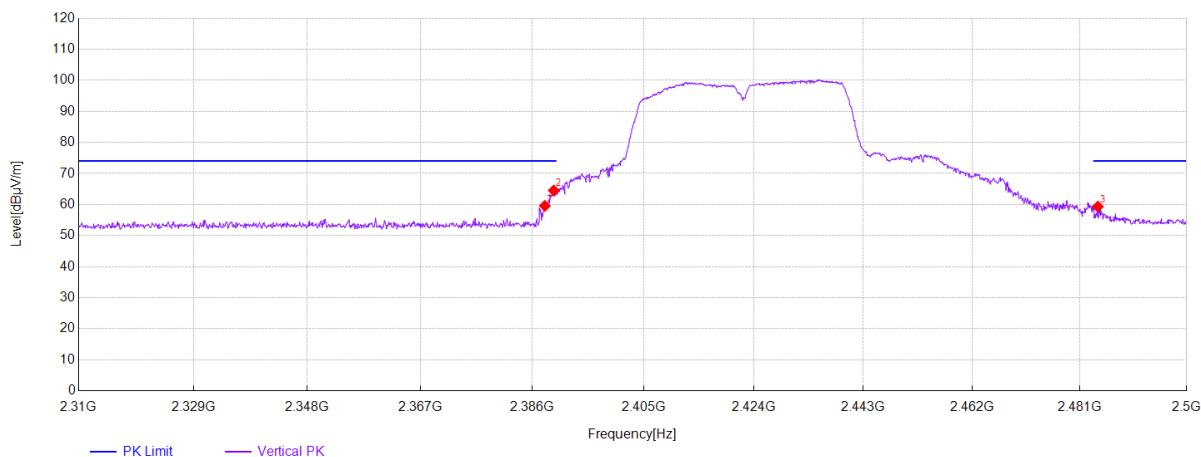
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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.1291	50.95	27.82	-19.20	59.57	74.00	14.43	Vertical
2	2389.6498	55.86	27.82	-19.16	64.52	74.00	9.48	Vertical
3	2484.2221	50.48	27.97	-19.10	59.35	74.00	14.65	Vertical



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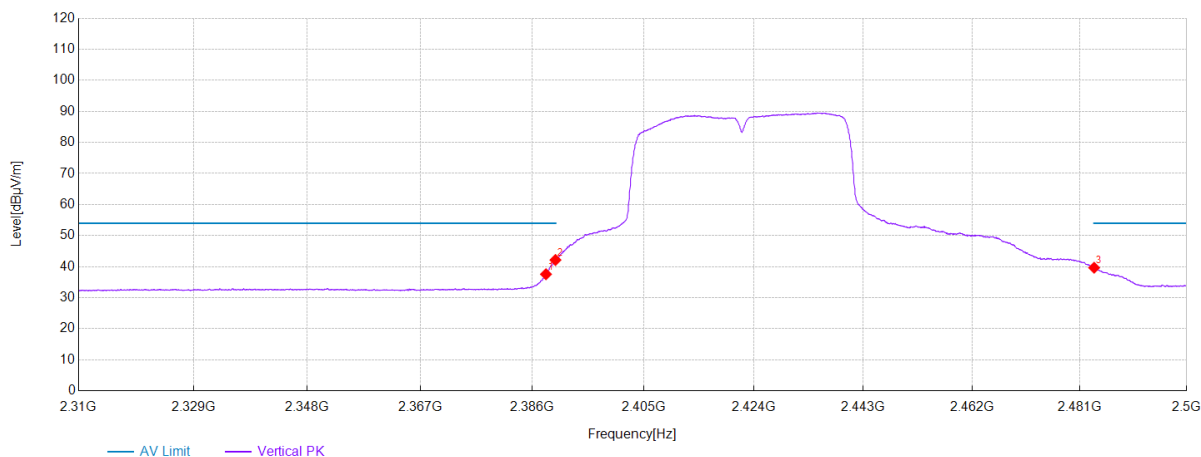
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### 802.11n40\_Channel 3



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2388.3192	28.94	27.82	-19.20	37.56	54.00	16.44	Vertical
2	2389.935	33.47	27.82	-19.15	42.14	54.00	11.86	Vertical
3	2483.5568	30.78	27.97	-19.10	39.65	54.00	14.35	Vertical



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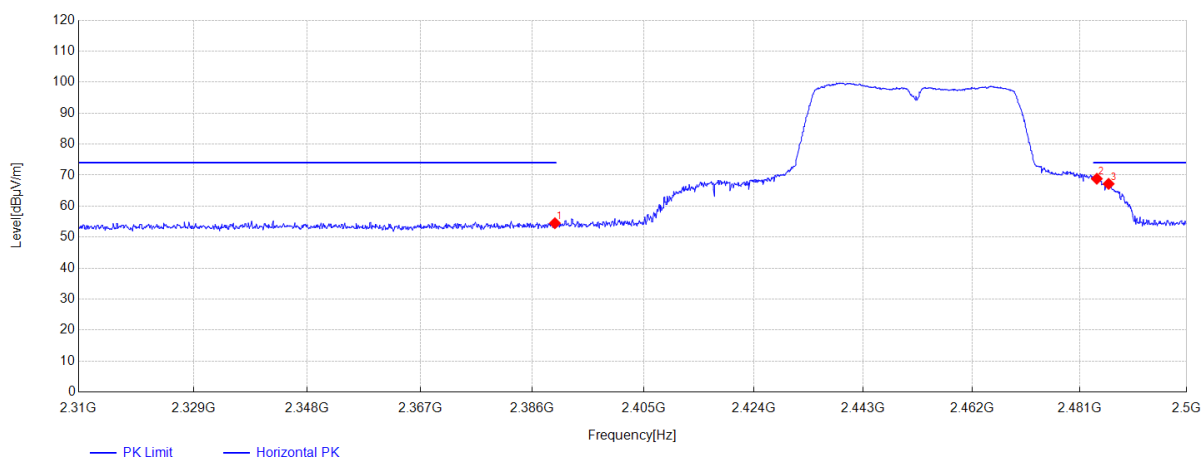
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## 802.11n40\_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.8399	45.82	27.82	-19.15	54.49	74.00	19.51	Horizontal
2	2484.032	59.96	27.97	-19.10	68.83	74.00	5.17	Horizontal
3	2486.1231	58.32	27.97	-19.10	67.19	74.00	6.81	Horizontal



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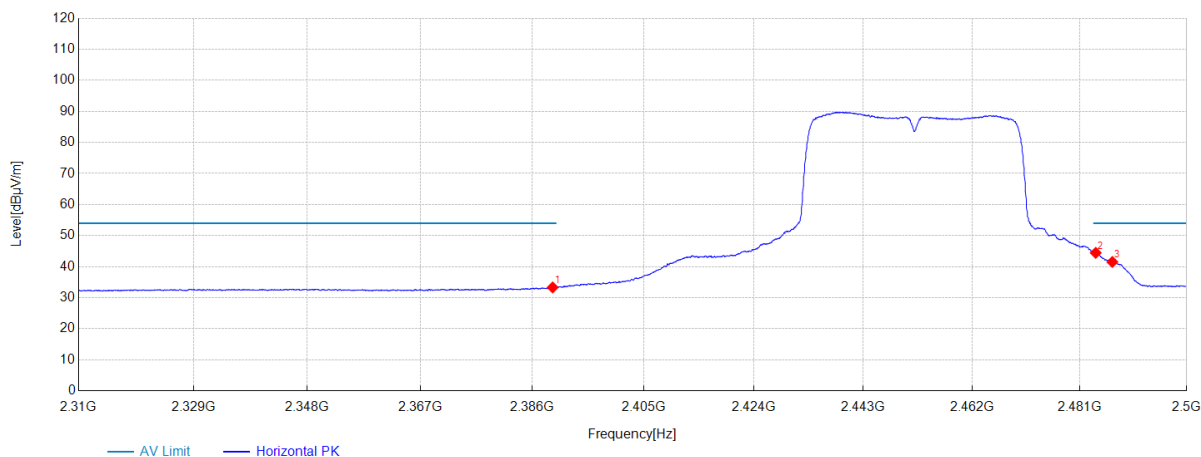
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.4597	24.66	27.82	-19.17	33.31	54.00	20.69	Horizontal
2	2483.8419	35.58	27.97	-19.10	44.45	54.00	9.55	Horizontal
3	2486.7884	32.65	27.97	-19.10	41.52	54.00	12.48	Horizontal



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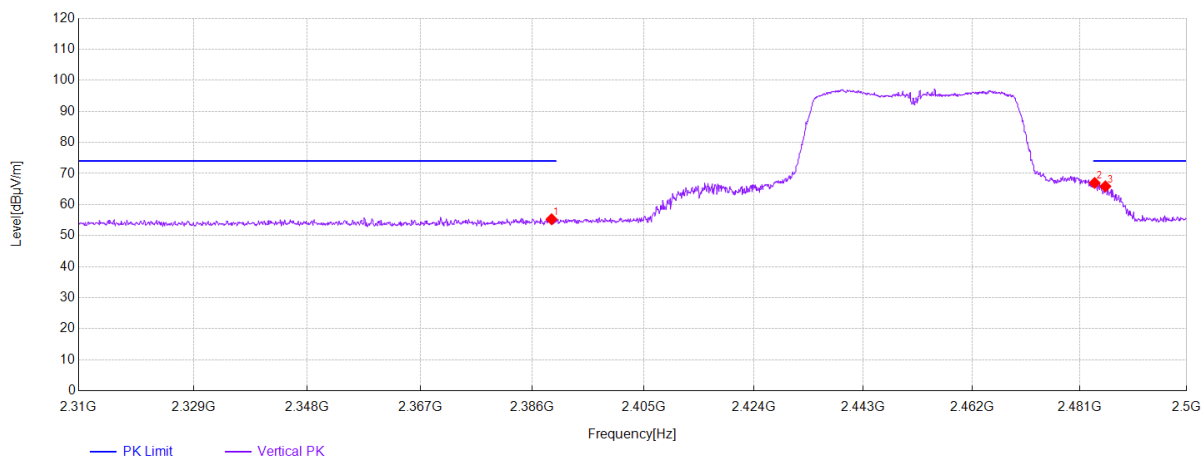
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Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.2696	46.62	27.82	-19.17	55.27	74.00	18.73	Vertical
2	2483.6518	58.08	27.97	-19.10	66.95	74.00	7.05	Vertical
3	2485.5528	56.98	27.97	-19.10	65.85	74.00	8.15	Vertical



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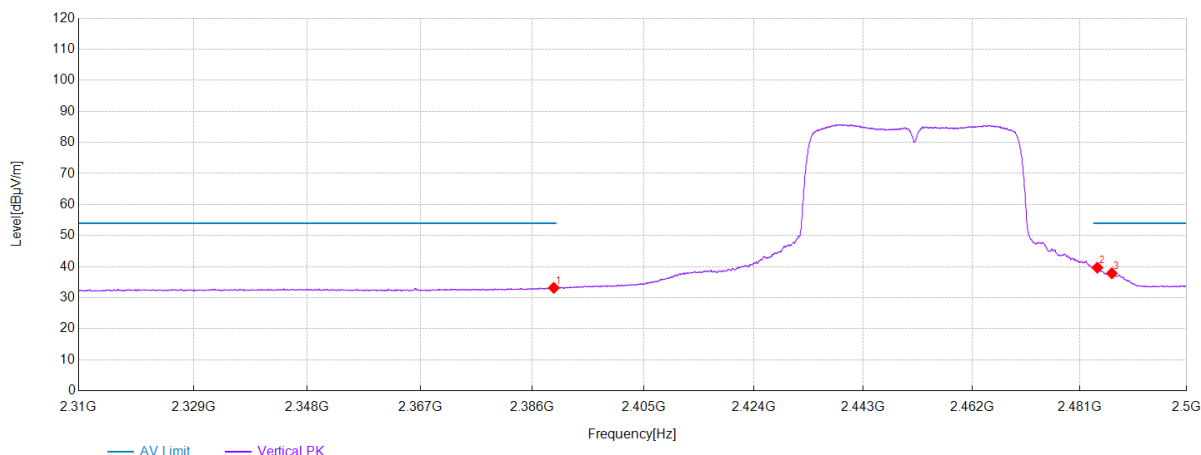


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### 802.11n40\_Channel 9



Data List								
NO.	Frequency [MHz]	Reading [dBμV]	AF[dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Polarity
1	2389.6498	24.52	27.82	-19.16	33.18	54.00	20.82	Vertical
2	2484.1271	30.81	27.97	-19.10	39.68	54.00	14.32	Vertical
3	2486.6933	28.99	27.97	-19.10	37.86	54.00	16.14	Vertical

#### Remark:

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

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

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

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

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

---End of Report---



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