

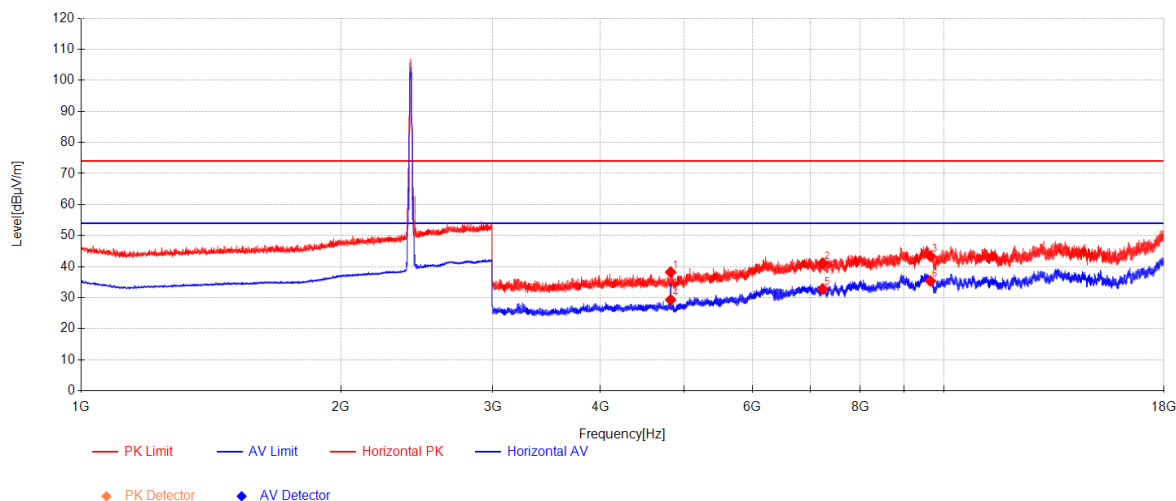
Report No.: SEWM2212000326RG04

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## Transmitter emission Above 1GHz

## 802.11b\_Channel 01



## 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	50.59	32.18	-44.55	38.22	74.00	35.78	296	320	Horizontal
2	7236	46.88	36.34	-42.08	41.14	74.00	32.86	254	246	Horizontal
3	9648	42.68	38.54	-37.82	43.39	74.00	30.61	142	284	Horizontal
4	4824	41.70	32.18	-44.55	29.33	54.00	24.67	263	360	Horizontal
5	7236	38.56	36.34	-42.08	32.82	54.00	21.18	255	176	Horizontal
6	9648	34.67	38.54	-37.82	35.38	54.00	18.62	241	320	Horizontal



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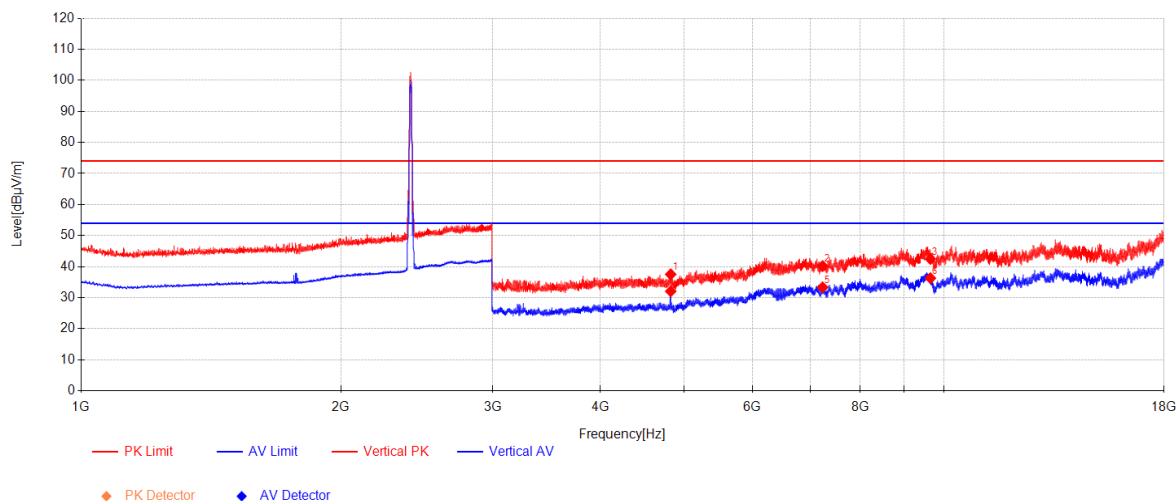
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## 802.11b\_Channel 01



## 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	49.91	32.18	-44.55	37.54	74.00	36.46	102	70	Vertical
2	7236	45.92	36.34	-42.08	40.18	74.00	33.82	174	214	Vertical
3	9648	41.76	38.54	-37.82	42.47	74.00	31.53	142	282	Vertical
4	4824.5	44.45	32.18	-44.55	32.08	54.00	21.92	263	34	Vertical
5	7236	39.08	36.34	-42.08	33.34	54.00	20.66	265	34	Vertical
6	9648	35.60	38.54	-37.82	36.31	54.00	17.69	287	360	Vertical



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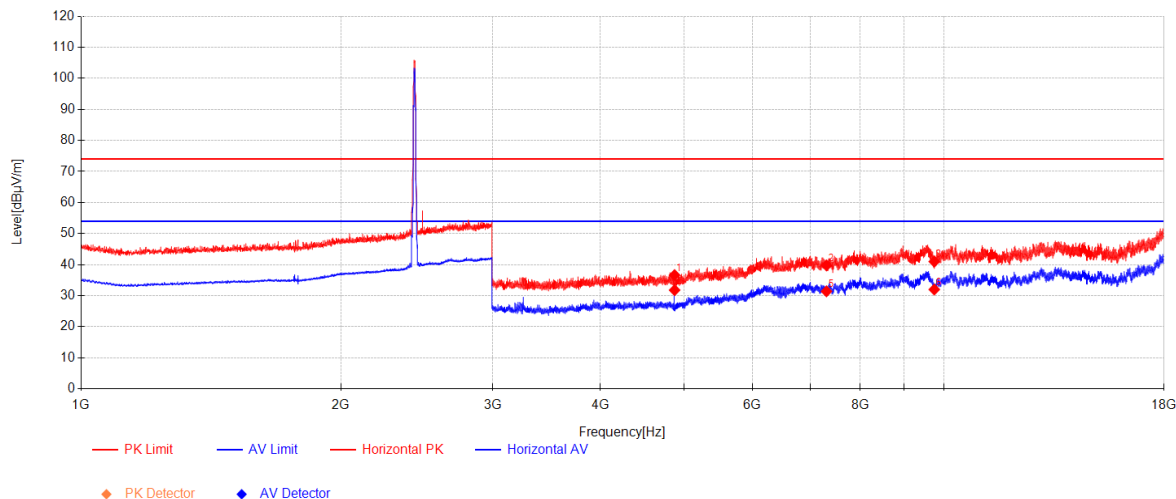
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### 802.11b\_Channel 06



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	49.11	32.30	-44.77	36.64	74.00	37.36	296	359	Horizontal
2	7311	45.17	36.39	-41.78	39.77	74.00	34.23	265	4	Horizontal
3	9748	39.99	38.53	-37.51	41.00	74.00	33.00	284	359	Horizontal
4	4874.5	44.28	32.30	-44.77	31.81	54.00	22.19	142	4	Horizontal
5	7311	36.82	36.39	-41.78	31.42	54.00	22.58	255	135	Horizontal
6	9748	31.00	38.53	-37.51	32.01	54.00	21.99	286	173	Horizontal



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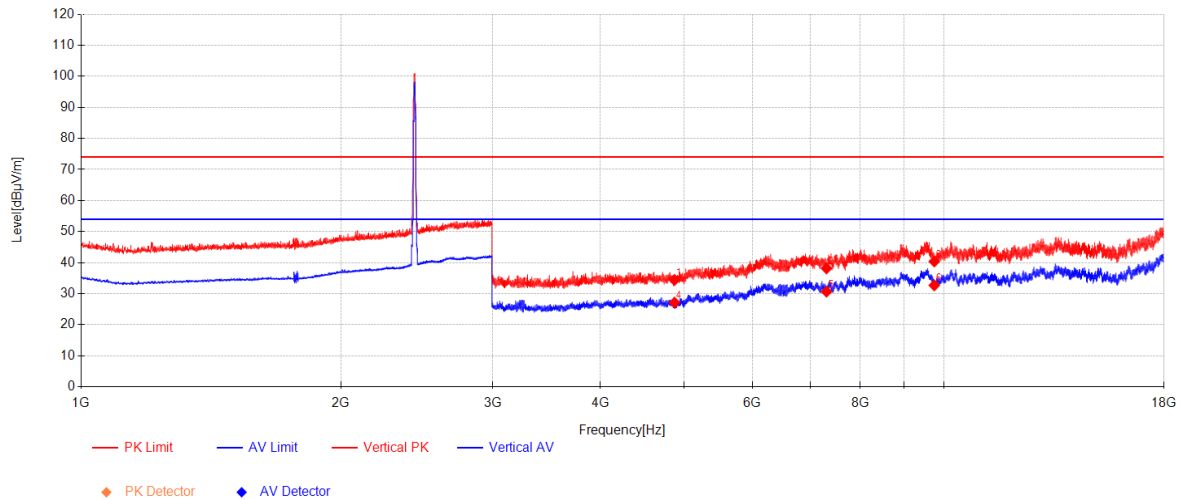
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## 802.11b\_Channel 06



## 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	46.91	32.30	-44.77	34.44	74.00	39.56	196	74	Vertical
2	7311	43.56	36.39	-41.78	38.16	74.00	35.84	265	359	Vertical
3	9748	39.38	38.53	-37.51	40.39	74.00	33.61	284	346	Vertical
4	4874	39.59	32.30	-44.77	27.12	54.00	26.88	142	68	Vertical
5	7311	36.07	36.39	-41.78	30.67	54.00	23.33	263	247	Vertical
6	9748	31.69	38.53	-37.51	32.70	54.00	21.30	228	359	Vertical



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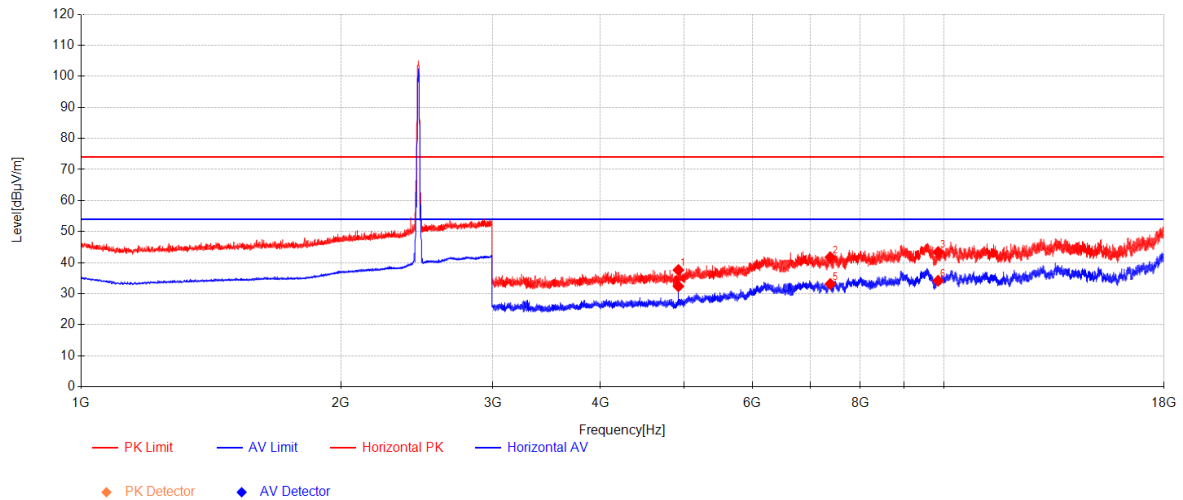
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### 802.11b\_Channel 11



### Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	50.09	32.42	-44.89	37.61	74.00	36.39	296	322	Horizontal
2	7386	47.23	36.43	-41.95	41.71	74.00	32.29	265	3	Horizontal
3	9848	42.29	38.52	-37.38	43.43	74.00	30.57	284	360	Horizontal
4	4924.5	44.88	32.42	-44.89	32.40	54.00	21.60	142	360	Horizontal
5	7386	38.66	36.43	-41.95	33.14	54.00	20.86	263	360	Horizontal
6	9848	33.04	38.52	-37.38	34.18	54.00	19.82	224	180	Horizontal



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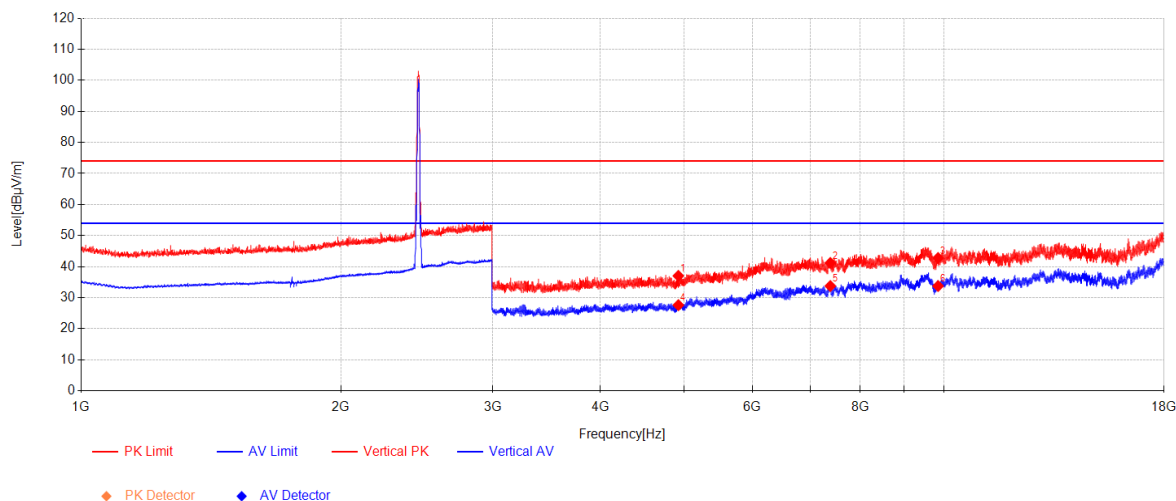


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## 802.11b\_Channel 11



## Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	49.51	32.42	-44.89	37.03	74.00	36.97	102	312	Vertical
2	7386	46.72	36.43	-41.95	41.20	74.00	32.80	296	32	Vertical
3	9848	41.66	38.52	-37.38	42.80	74.00	31.20	265	32	Vertical
4	4924	40.10	32.42	-44.89	27.62	54.00	26.38	241	68	Vertical
5	7386	39.29	36.43	-41.95	33.77	54.00	20.23	142	312	Vertical
6	9848	32.63	38.52	-37.38	33.77	54.00	20.23	263	63	Vertical



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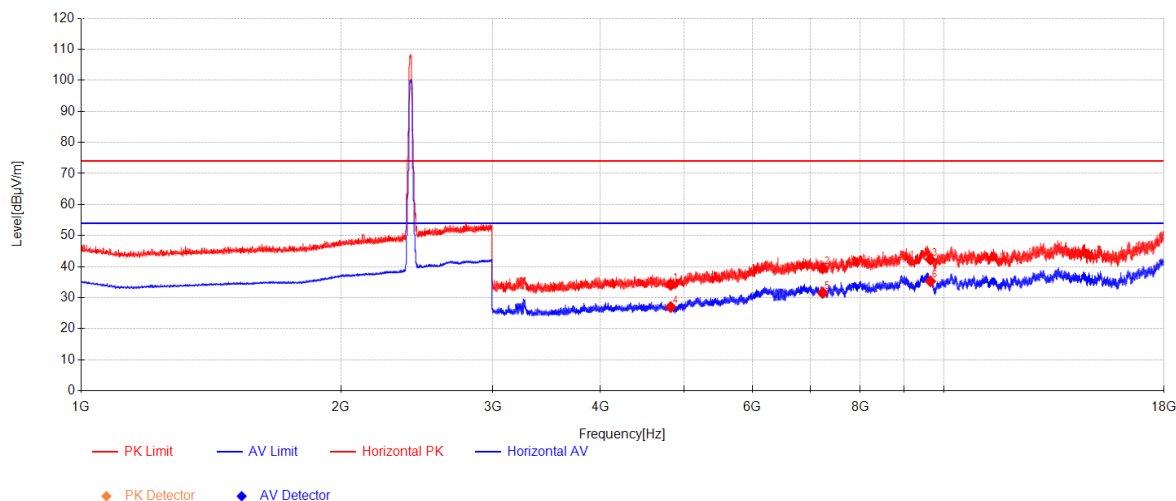
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## 802.11g\_Channel 01



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	46.49	32.18	-44.55	34.12	74.00	39.88	296	69	Horizontal
2	7236	45.19	36.34	-42.08	39.45	74.00	34.55	265	319	Horizontal
3	9648	41.58	38.54	-37.82	42.29	74.00	31.71	284	144	Horizontal
4	4824	39.37	32.18	-44.55	27.00	54.00	27.00	142	102	Horizontal
5	7236	37.29	36.34	-42.08	31.55	54.00	22.45	263	211	Horizontal
6	9648	34.59	38.54	-37.82	35.30	54.00	18.70	228	359	Horizontal



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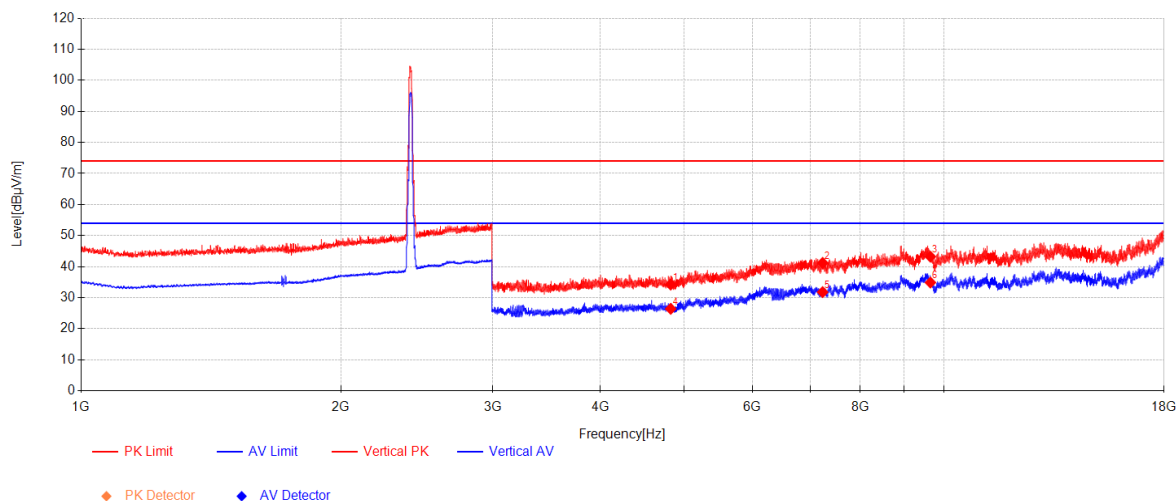
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## 802.11g\_Channel 01



## 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	46.61	32.18	-44.55	34.24	74.00	39.76	196	321	Vertical
2	7236	46.95	36.34	-42.08	41.21	74.00	32.79	265	4	Vertical
3	9648	42.50	38.54	-37.82	43.21	74.00	30.79	284	349	Vertical
4	4824	38.80	32.18	-44.55	26.43	54.00	27.57	142	179	Vertical
5	7236	37.55	36.34	-42.08	31.81	54.00	22.19	263	215	Vertical
6	9648	34.17	38.54	-37.82	34.88	54.00	19.12	227	108	Vertical



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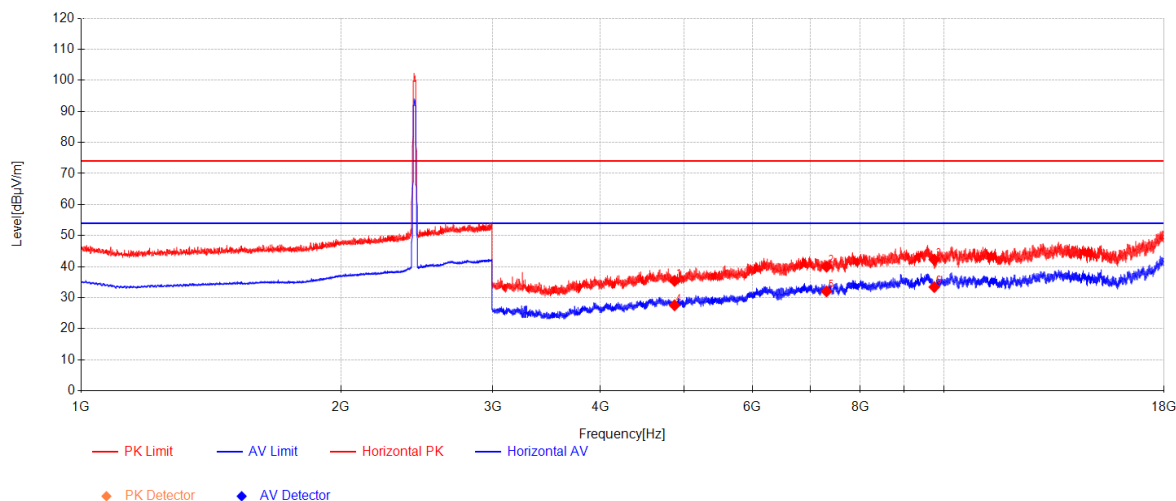


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## 802.11g\_Channel 06



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	47.90	32.30	-44.77	35.43	74.00	38.57	100	314	Horizontal
2	7311	45.40	36.39	-41.78	40.00	74.00	34.00	100	243	Horizontal
3	9748	41.26	38.53	-37.51	42.27	74.00	31.73	300	144	Horizontal
4	4874	40.04	32.30	-44.77	27.57	54.00	26.43	300	110	Horizontal
5	7311	37.44	36.39	-41.78	32.04	54.00	21.96	300	110	Horizontal
6	9748	32.43	38.53	-37.51	33.44	54.00	20.56	100	360	Horizontal



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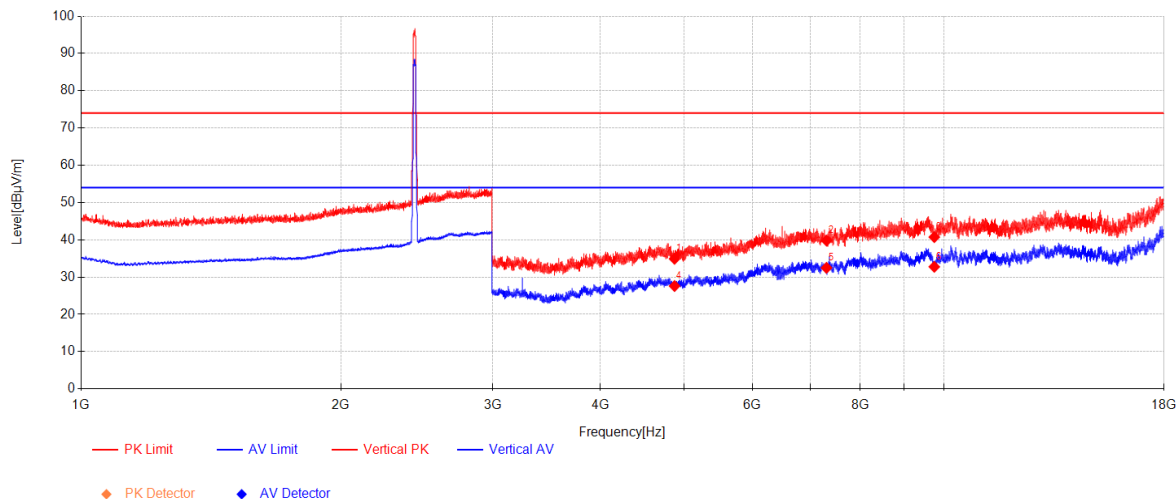
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## 802.11g\_Channel 06



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	47.38	32.30	-44.77	34.91	74.00	39.09	142	142	Vertical
2	7311	45.20	36.39	-41.78	39.80	74.00	34.20	265	210	Vertical
3	9748	39.72	38.53	-37.51	40.73	74.00	33.27	284	106	Vertical
4	4874	40.08	32.30	-44.77	27.61	54.00	26.39	142	70	Vertical
5	7311	37.88	36.39	-41.78	32.48	54.00	21.52	263	246	Vertical
6	9748	31.75	38.53	-37.51	32.76	54.00	21.24	335	174	Vertical



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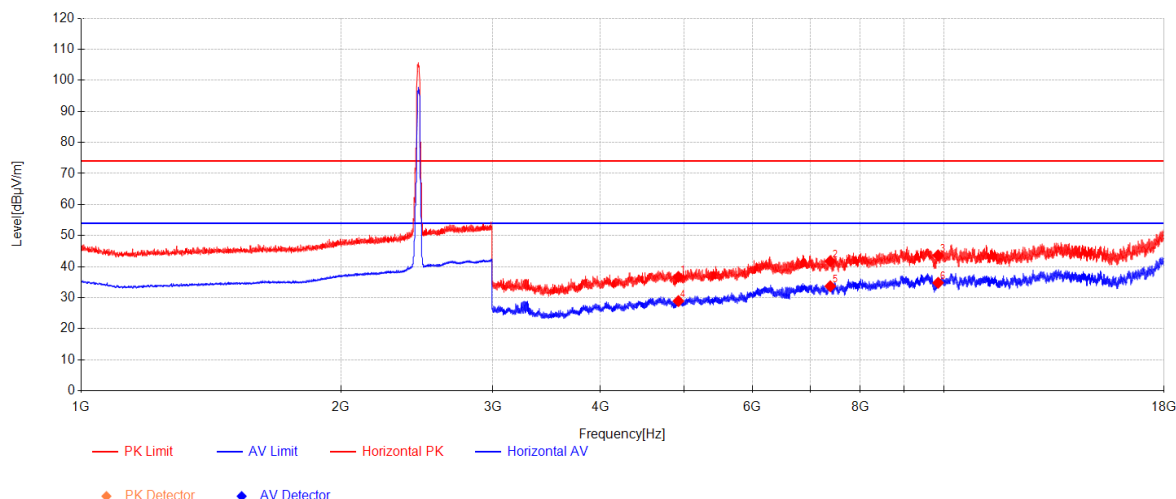
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### 802.11g\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	49.18	32.42	-44.89	36.70	74.00	37.30	296	179	Horizontal
2	7386	47.27	36.43	-41.95	41.75	74.00	32.25	265	322	Horizontal
3	9848	42.50	38.52	-37.38	43.64	74.00	30.36	284	359	Horizontal
4	4924	41.41	32.42	-44.89	28.93	54.00	25.07	142	280	Horizontal
5	7386	39.22	36.43	-41.95	33.70	54.00	20.30	252	359	Horizontal
6	9848	33.66	38.52	-37.38	34.80	54.00	19.20	263	359	Horizontal



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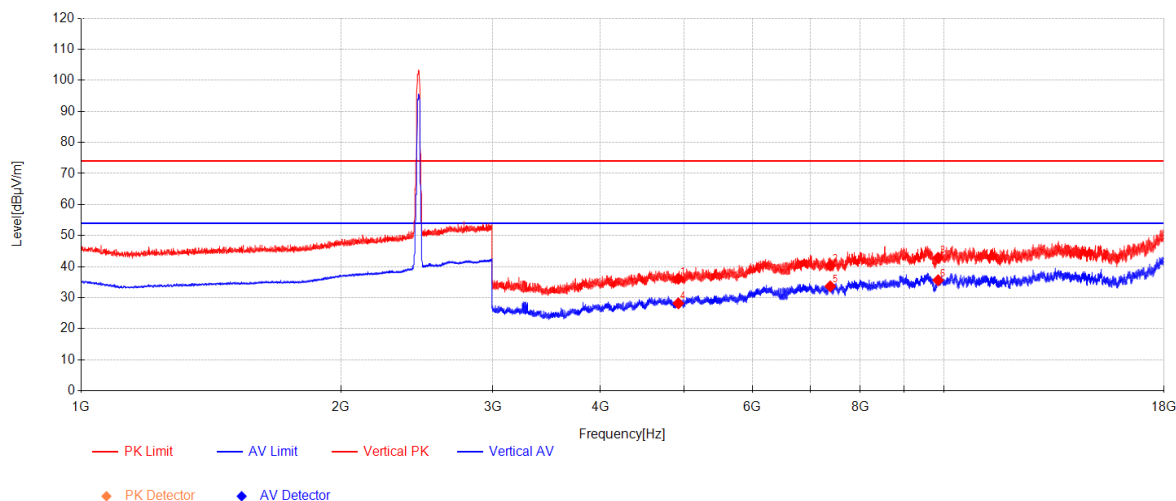
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## 802.11g\_Channel 11



## Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	48.61	32.42	-44.89	36.13	74.00	37.87	185	33	Vertical
2	7386	45.88	36.43	-41.95	40.36	74.00	33.64	265	141	Vertical
3	9848	41.72	38.52	-37.38	42.86	74.00	31.14	241	326	Vertical
4	4924	40.66	32.42	-44.89	28.18	54.00	25.82	142	71	Vertical
5	7386	39.18	36.43	-41.95	33.66	54.00	20.34	263	360	Vertical
6	9848	34.49	38.52	-37.38	35.63	54.00	18.37	225	180	Vertical



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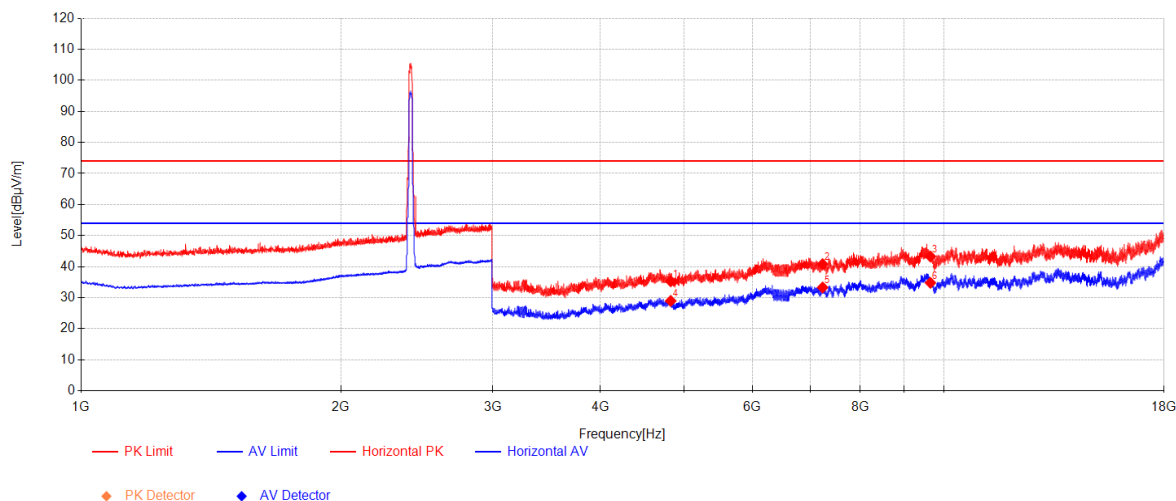
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### 802.11n20\_Channel 01



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	47.68	32.18	-44.55	35.31	74.00	38.69	142	212	Horizontal
2	7236	46.54	36.34	-42.08	40.80	74.00	33.20	265	360	Horizontal
3	9648	42.56	38.54	-37.82	43.27	74.00	30.73	295	107	Horizontal
4	4824	41.35	32.18	-44.55	28.98	54.00	25.02	284	34	Horizontal
5	7236	39.04	36.34	-42.08	33.30	54.00	20.70	142	360	Horizontal
6	9648	34.09	38.54	-37.82	34.80	54.00	19.20	263	246	Horizontal



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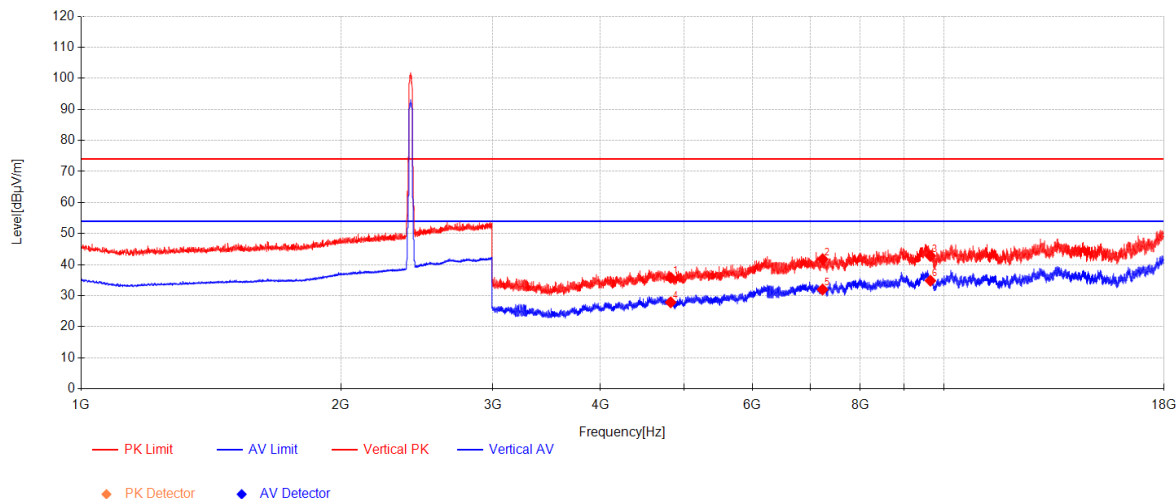


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### 802.11n20\_Channel 01



#### 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	48.14	32.18	-44.55	35.77	74.00	38.23	285	320	Vertical
2	7236	47.51	36.34	-42.08	41.77	74.00	32.23	265	35	Vertical
3	9648	42.10	38.54	-37.82	42.81	74.00	31.19	241	106	Vertical
4	4824	40.24	32.18	-44.55	27.87	54.00	26.13	142	35	Vertical
5	7236	37.74	36.34	-42.08	32.00	54.00	22.00	263	359	Vertical
6	9648	34.12	38.54	-37.82	34.83	54.00	19.17	229	70	Vertical



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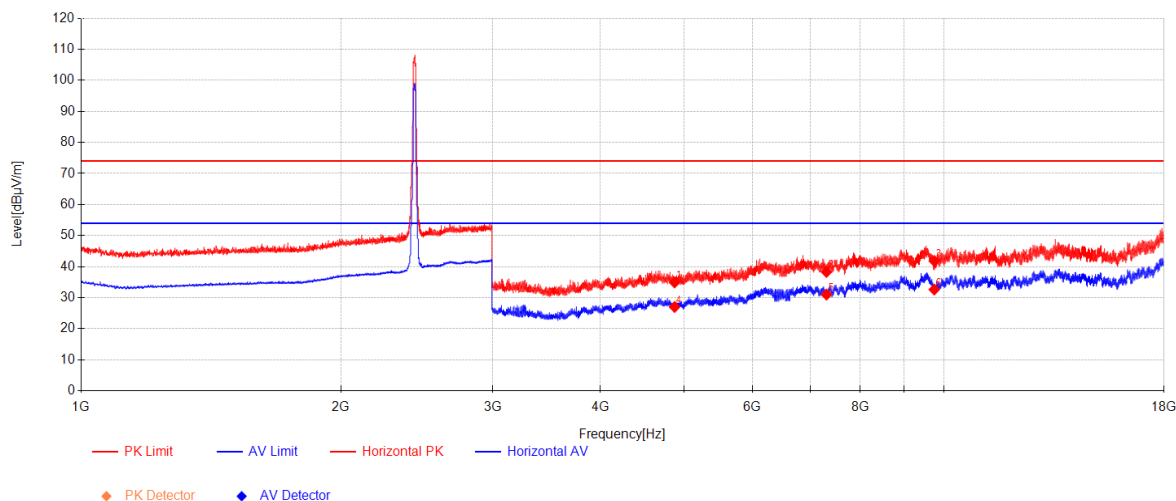
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## 802.11n20\_Channel 06



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	47.41	32.30	-44.77	34.94	74.00	39.06	285	246	Horizontal
2	7311	43.71	36.39	-41.78	38.31	74.00	35.69	265	31	Horizontal
3	9748	40.83	38.53	-37.51	41.84	74.00	32.16	241	360	Horizontal
4	4874	39.50	32.30	-44.77	27.03	54.00	26.97	142	3	Horizontal
5	7311	36.41	36.39	-41.78	31.01	54.00	22.99	263	318	Horizontal
6	9748	31.63	38.53	-37.51	32.64	54.00	21.36	224	360	Horizontal



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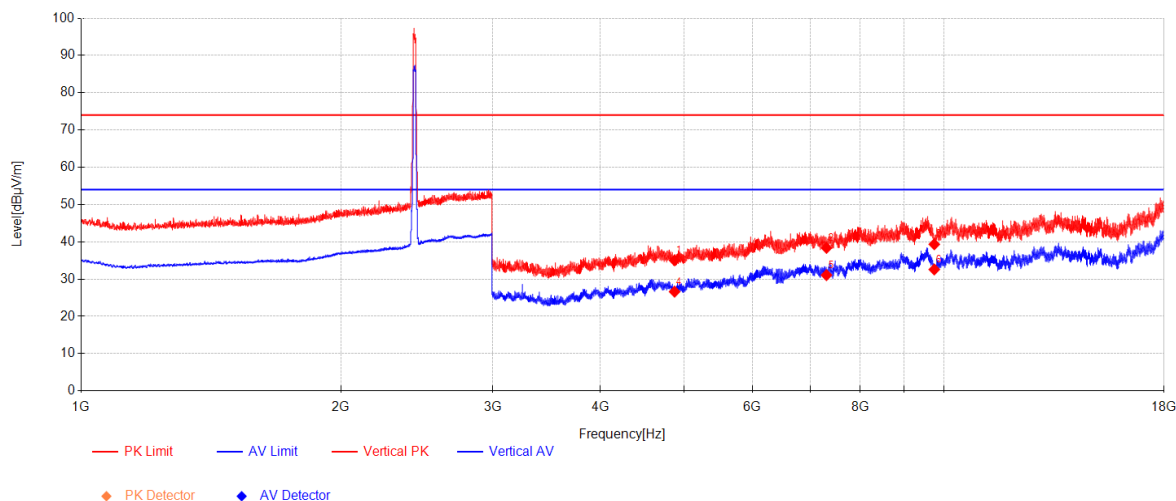
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## 802.11n20\_Channel 06



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	47.51	32.30	-44.77	35.04	74.00	38.96	196	348	Vertical
2	7311	43.78	36.39	-41.78	38.38	74.00	35.62	265	207	Vertical
3	9748	38.33	38.53	-37.51	39.34	74.00	34.66	284	359	Vertical
4	4874	39.10	32.30	-44.77	26.63	54.00	27.37	142	3	Vertical
5	7311	36.47	36.39	-41.78	31.07	54.00	22.93	263	320	Vertical
6	9748	31.57	38.53	-37.51	32.58	54.00	21.42	224	140	Vertical



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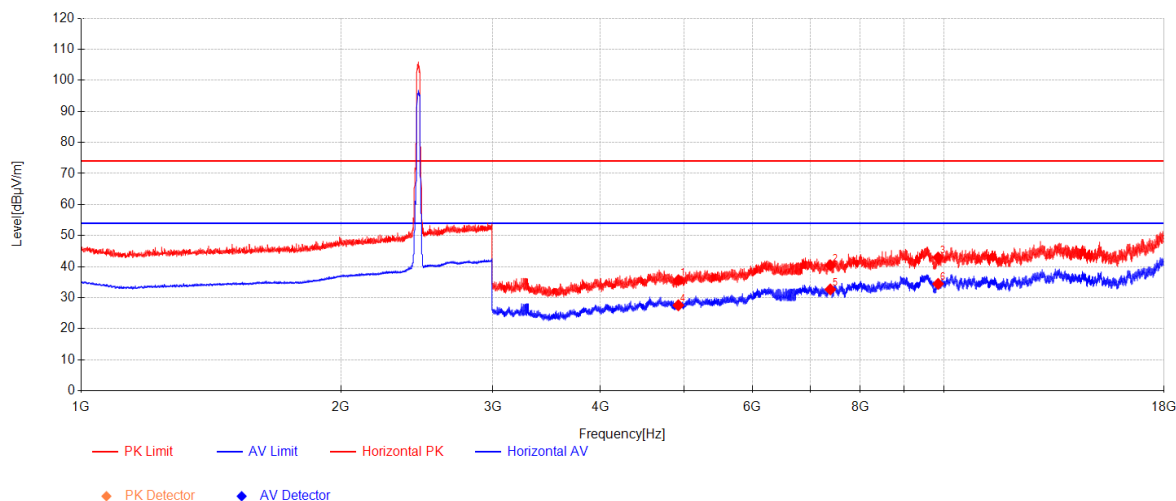
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### 802.11n20\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	48.12	32.42	-44.89	35.64	74.00	38.36	296	359	Horizontal
2	7386	45.96	36.43	-41.95	40.44	74.00	33.56	265	360	Horizontal
3	9848	41.80	38.52	-37.38	42.94	74.00	31.06	284	280	Horizontal
4	4924	40.05	32.42	-44.89	27.57	54.00	26.43	142	33	Horizontal
5	7386	38.19	36.43	-41.95	32.67	54.00	21.33	263	102	Horizontal
6	9848	33.33	38.52	-37.38	34.47	54.00	19.53	224	34	Horizontal



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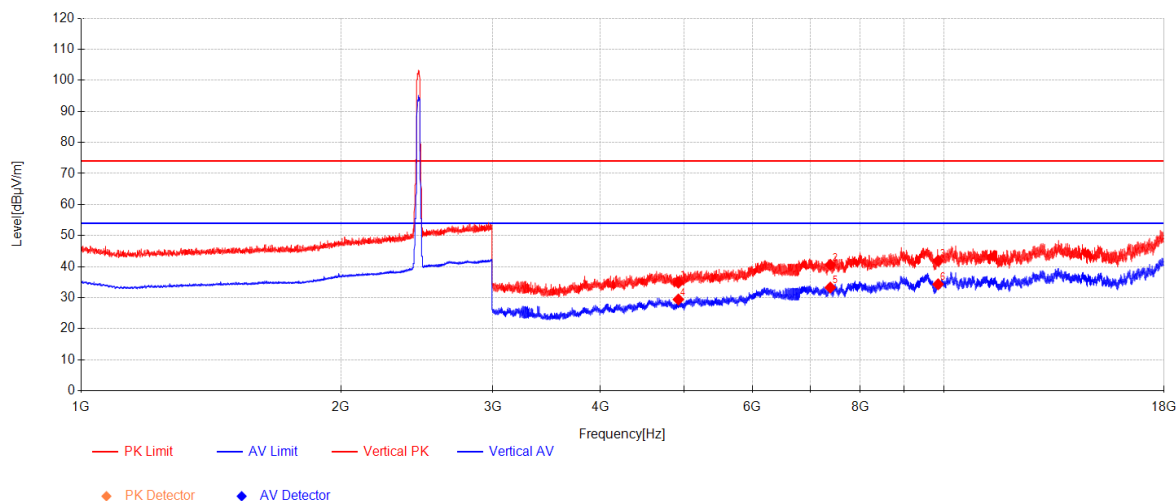
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## Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	47.34	32.42	-44.89	34.86	74.00	39.14	196	360	Vertical
2	7386	46.12	36.43	-41.95	40.60	74.00	33.40	265	109	Vertical
3	9848	40.76	38.52	-37.38	41.90	74.00	32.10	284	185	Vertical
4	4924	41.92	32.42	-44.89	29.44	54.00	24.56	142	351	Vertical
5	7386	38.80	36.43	-41.95	33.28	54.00	20.72	263	145	Vertical
6	9848	33.19	38.52	-37.38	34.33	54.00	19.67	225	72	Vertical



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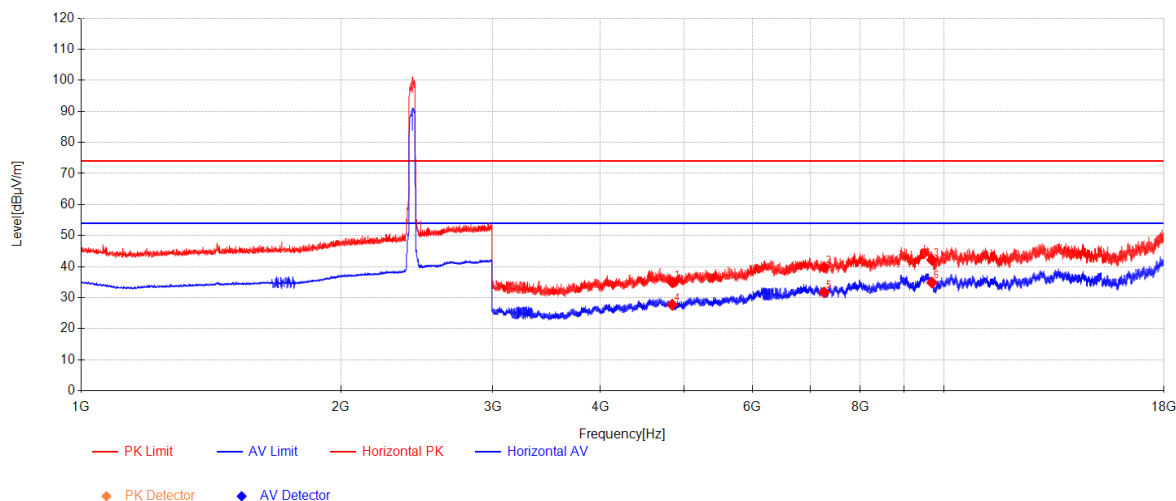


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## 802.11n40\_Channel 03



## 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	47.38	32.23	-44.63	34.97	74.00	39.03	182	25	Horizontal
2	7266	45.39	36.36	-41.93	39.82	74.00	34.18	139	35	Horizontal
3	9688	41.22	38.53	-37.59	42.16	74.00	31.84	221	23	Horizontal
4	4844	40.14	32.23	-44.63	27.73	54.00	26.27	146	19	Horizontal
5	7266	37.30	36.36	-41.93	31.73	54.00	22.27	253	256	Horizontal
6	9688	33.94	38.53	-37.59	34.88	54.00	19.12	214	4	Horizontal



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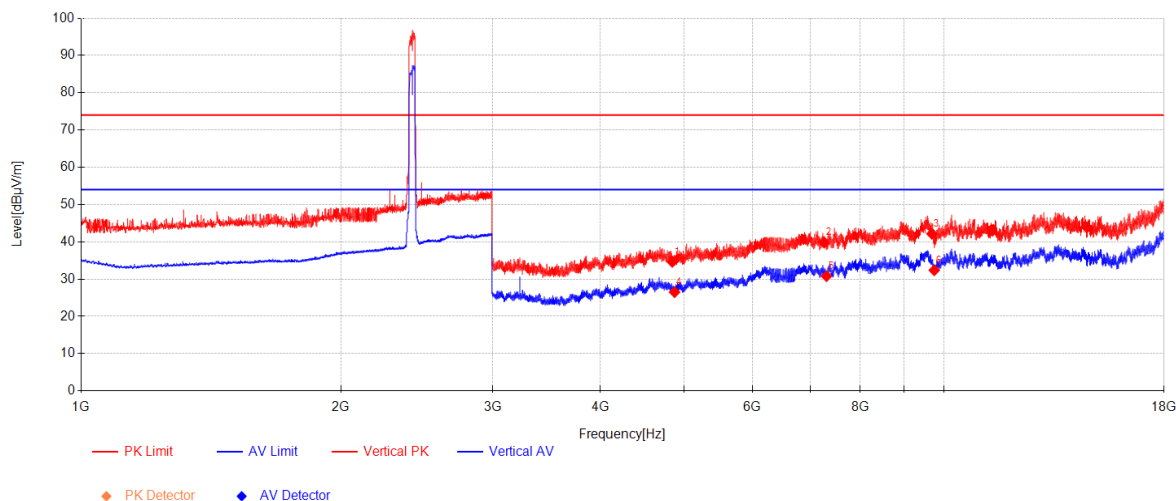
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## 802.11n40\_Channel 03



## 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	47.06	32.23	-44.63	34.65	74.00	39.35	146	178	Vertical
2	7266	45.37	36.36	-41.93	39.80	74.00	34.20	216	359	Vertical
3	9688	41.21	38.53	-37.59	42.15	74.00	31.85	284	3	Vertical
4	4874	38.98	32.30	-44.77	26.51	54.00	27.49	147	144	Vertical
5	7311	36.20	36.39	-41.78	30.80	54.00	23.20	256	359	Vertical
6	9748	31.38	38.53	-37.51	32.39	54.00	21.61	209	359	Vertical



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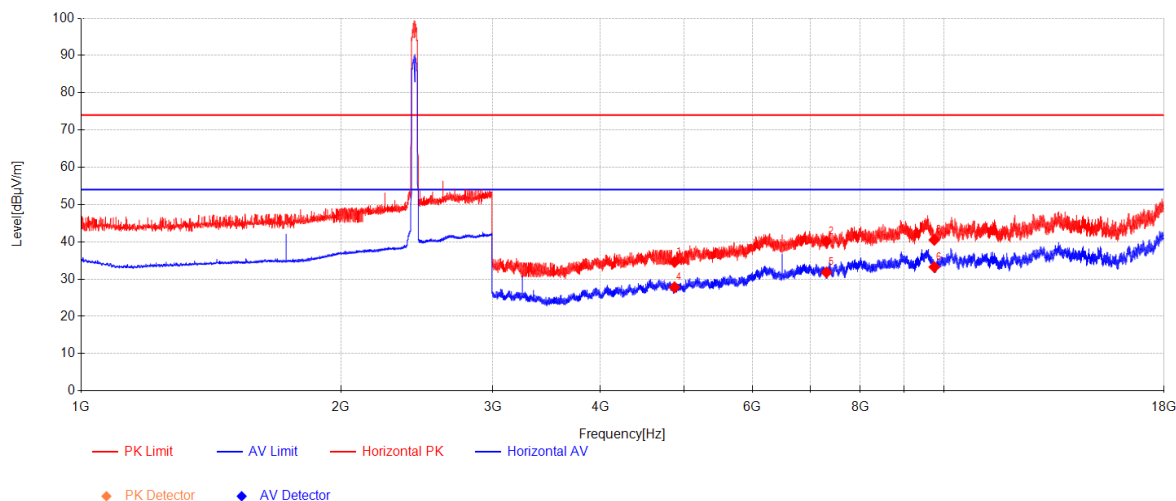
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## 802.11n40\_Channel 06



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	47.06	32.30	-44.77	34.59	74.00	39.41	145	33	Horizontal
2	7311	45.50	36.39	-41.78	40.10	74.00	33.90	258	71	Horizontal
3	9748	39.51	38.53	-37.51	40.52	74.00	33.48	217	318	Horizontal
4	4874	40.28	32.30	-44.77	27.81	54.00	26.19	254	137	Horizontal
5	7311	37.21	36.39	-41.78	31.81	54.00	22.19	174	348	Horizontal
6	9748	32.22	38.53	-37.51	33.23	54.00	20.77	155	359	Horizontal



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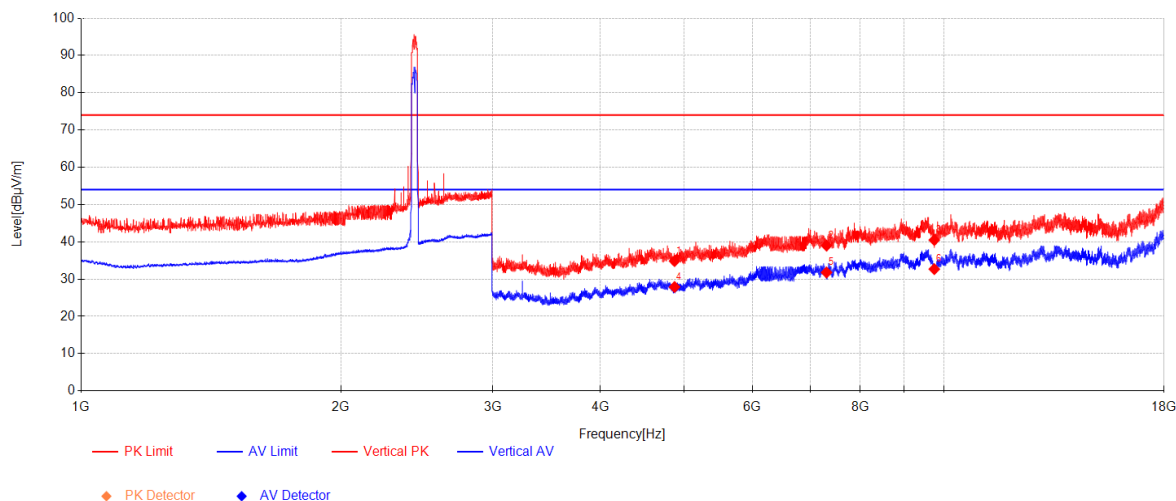
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## 802.11n40\_Channel 06



## 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	47.31	32.30	-44.77	34.84	74.00	39.16	249	359	Vertical
2	7311	44.39	36.39	-41.78	38.99	74.00	35.01	137	4	Vertical
3	9748	39.48	38.53	-37.51	40.49	74.00	33.51	253	259	Vertical
4	4874	40.36	32.30	-44.77	27.89	54.00	26.11	258	75	Vertical
5	7311	37.18	36.39	-41.78	31.78	54.00	22.22	139	75	Vertical
6	9748	31.67	38.53	-37.51	32.68	54.00	21.32	284	146	Vertical



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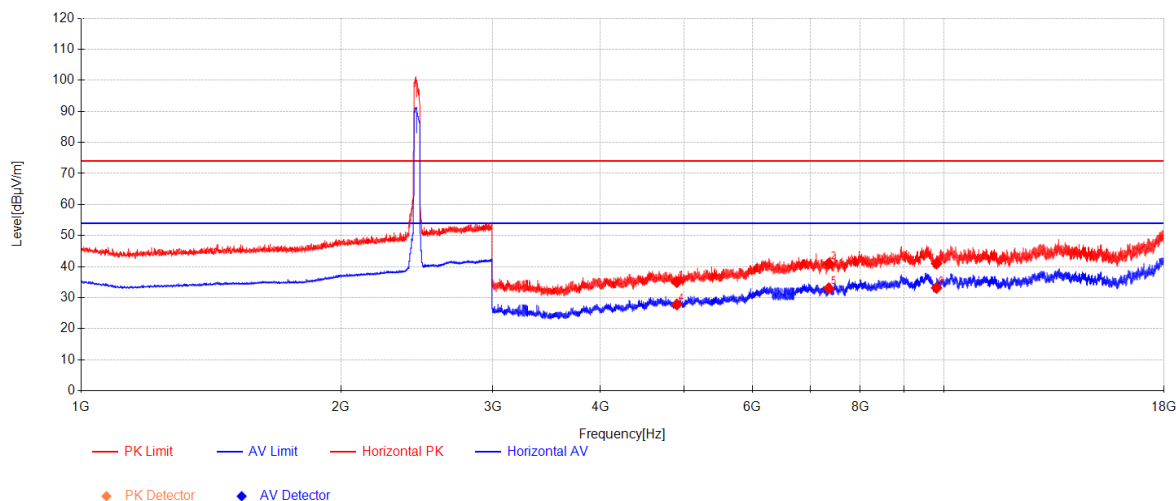
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## 802.11n40\_Channel 09



## 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	47.54	32.37	-44.88	35.03	74.00	38.97	184	251	Horizontal
2	7356	46.47	36.41	-41.88	41.00	74.00	33.00	219	359	Horizontal
3	9808	39.97	38.52	-37.48	41.01	74.00	32.99	326	359	Horizontal
4	4904	40.33	32.37	-44.88	27.82	54.00	26.18	254	349	Horizontal
5	7356	38.50	36.41	-41.88	33.03	54.00	20.97	171	136	Horizontal
6	9808	32.13	38.52	-37.48	33.17	54.00	20.83	138	251	Horizontal



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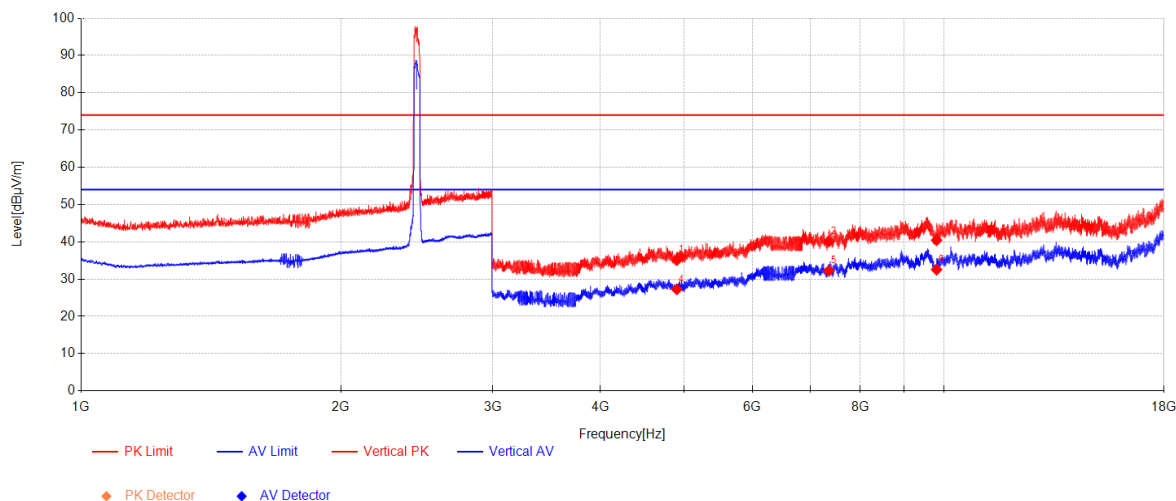


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## 802.11n40\_Channel 09



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	47.62	32.37	-44.88	35.11	74.00	38.89	149	178	Vertical
2	7356	45.57	36.41	-41.88	40.10	74.00	33.90	233	351	Vertical
3	9808	39.40	38.52	-37.48	40.44	74.00	33.56	286	360	Vertical
4	4904	39.77	32.37	-44.88	27.26	54.00	26.74	276	322	Vertical
5	7356	37.71	36.41	-41.88	32.24	54.00	21.76	251	245	Vertical
6	9808	31.50	38.52	-37.48	32.54	54.00	21.46	203	351	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:

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)

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



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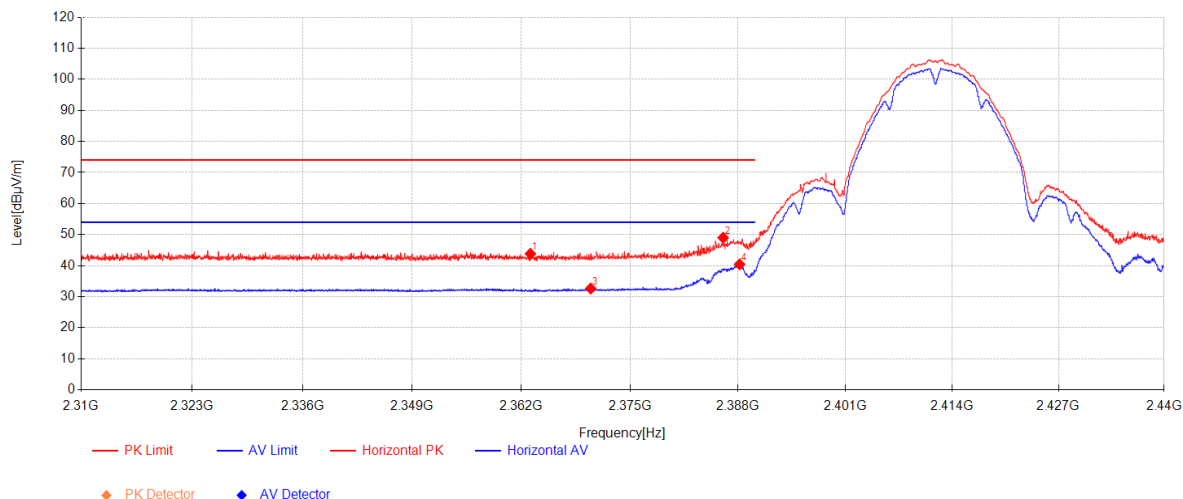
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### Restricted bands around fundamental frequency

#### 802.11b\_Channel 01



#### 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	2363.0725	40.69	27.63	-24.48	43.83	74.00	30.17	146	233	Horizontal
2	2386.2125	45.76	27.67	-24.43	49.00	74.00	25.00	146	233	Horizontal
3	2370.2875	29.45	27.64	-24.47	32.63	54.00	21.37	146	233	Horizontal
4	2388.195	37.18	27.68	-24.43	40.43	54.00	13.57	146	233	Horizontal



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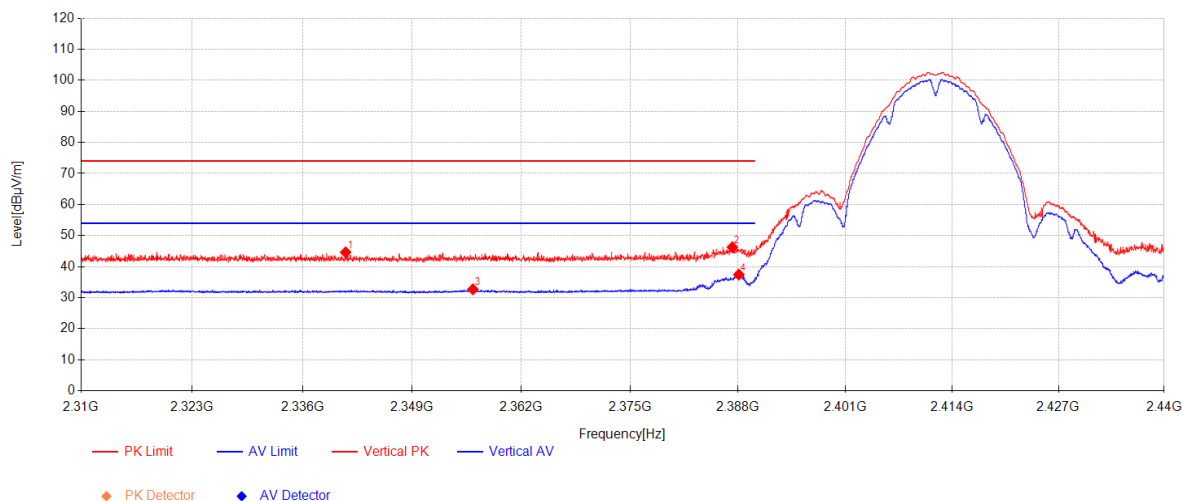
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### 802.11b\_Channel 01



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	2341.1025	41.58	27.58	-24.53	44.63	74.00	29.37	324	115	Vertical
2	2387.3175	43.03	27.67	-24.43	46.28	74.00	27.72	324	115	Vertical
3	2356.215	29.60	27.61	-24.50	32.72	54.00	21.28	324	115	Vertical
4	2388.0975	34.20	27.68	-24.43	37.45	54.00	16.55	324	115	Vertical



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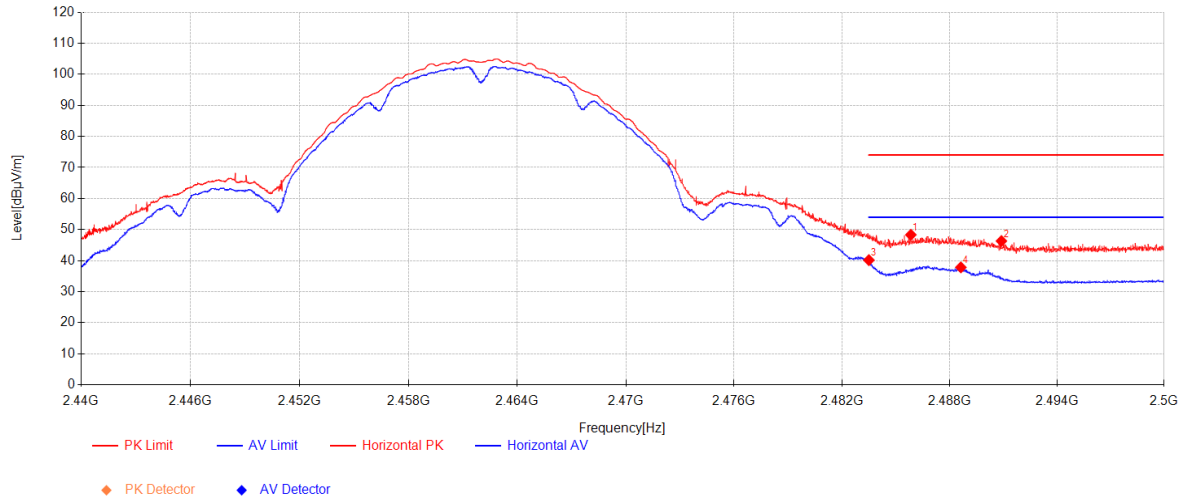
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### 802.11b\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2485.84	44.39	27.87	-23.95	48.32	74.00	25.68	163	325	Horizontal
2	2490.895	42.36	27.88	-23.92	46.32	74.00	27.68	163	325	Horizontal
3	2483.5	36.27	27.87	-23.96	40.18	54.00	13.82	163	325	Horizontal
4	2488.63	33.89	27.88	-23.93	37.84	54.00	16.16	163	325	Horizontal



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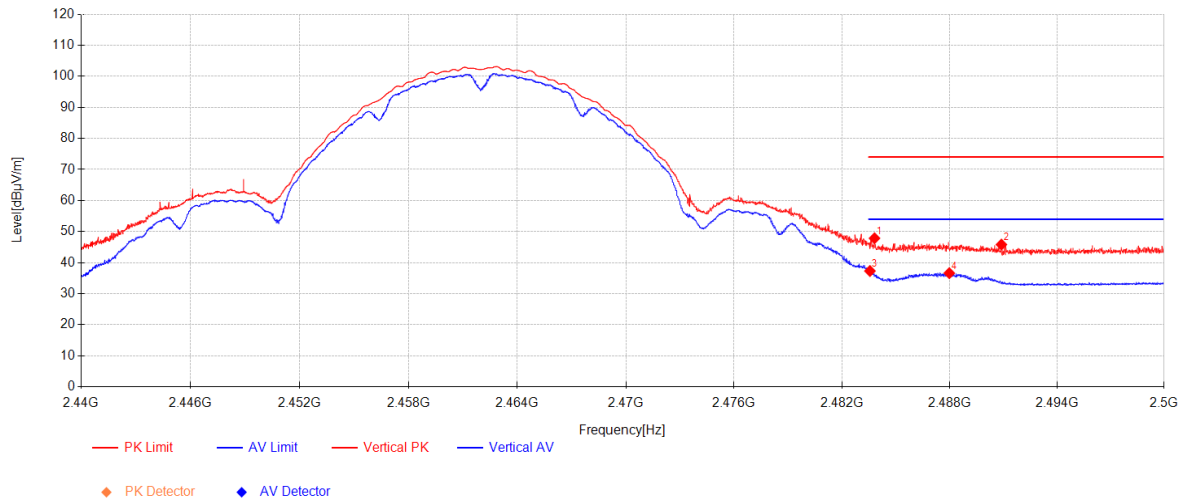
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### 802.11b\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.815	43.95	27.87	-23.96	47.86	74.00	26.14	325	266	Vertical
2	2490.895	41.86	27.88	-23.92	45.82	74.00	28.18	325	266	Vertical
3	2483.56	33.40	27.87	-23.96	37.31	54.00	16.69	325	266	Vertical
4	2487.985	32.68	27.88	-23.93	36.62	54.00	17.38	325	266	Vertical



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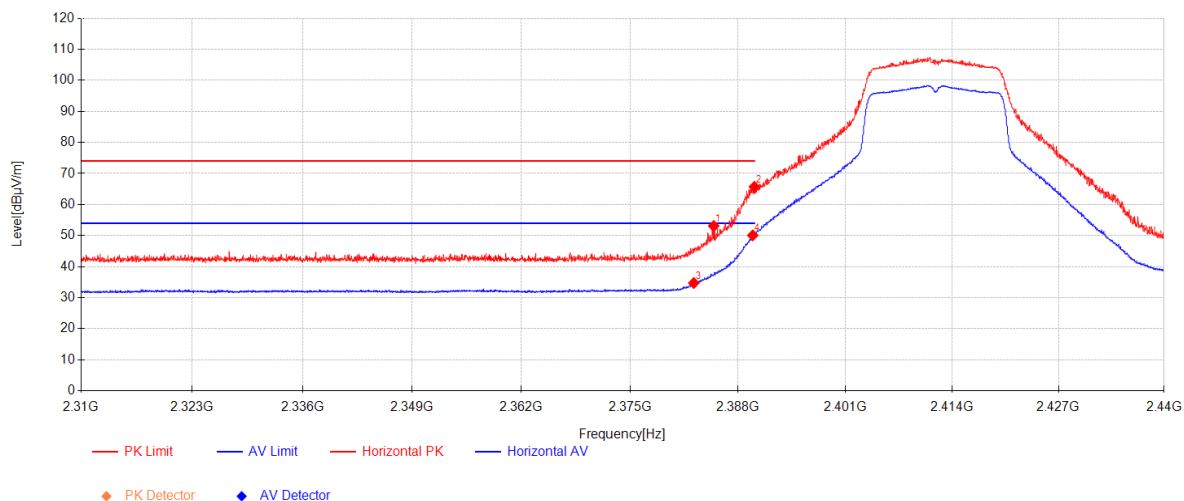


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### 802.11g\_Channel 01



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	2385.075	49.86	27.67	-24.43	53.10	74.00	20.90	102	319	Horizontal
2	2389.9825	62.45	27.68	-24.42	65.71	74.00	8.29	102	319	Horizontal
3	2382.67	31.51	27.67	-24.44	34.74	54.00	19.26	102	319	Horizontal
4	2389.7875	46.82	27.68	-24.42	50.08	54.00	3.92	102	319	Horizontal



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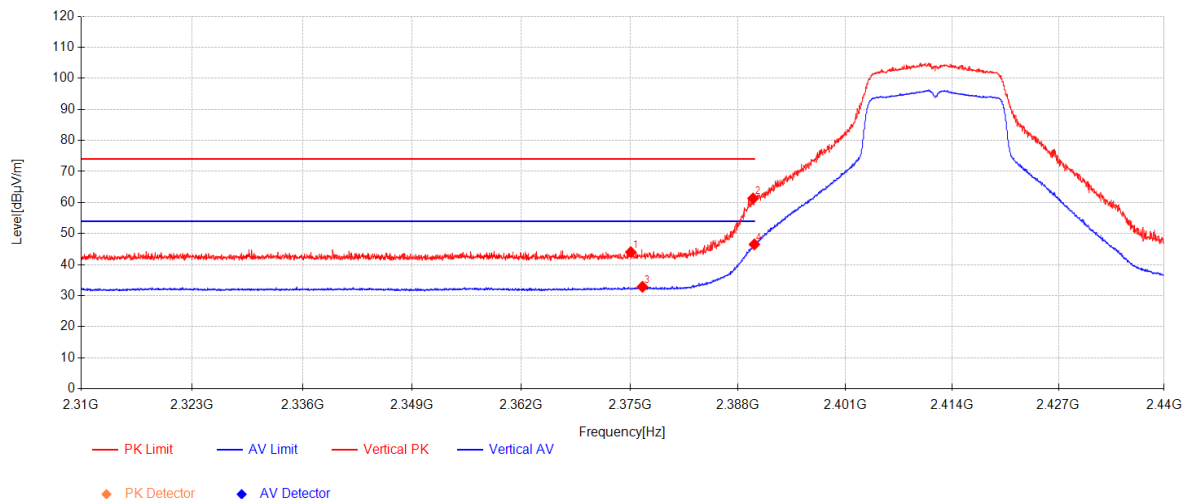
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### 802.11g\_Channel 01



#### 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	2375.0975	40.83	27.65	-24.45	44.03	74.00	29.97	283	286	Vertical
2	2389.82	58.06	27.68	-24.42	61.32	74.00	12.68	283	286	Vertical
3	2376.495	29.67	27.65	-24.45	32.87	54.00	21.13	283	286	Vertical
4	2389.9825	43.27	27.68	-24.42	46.53	54.00	7.47	283	286	Vertical



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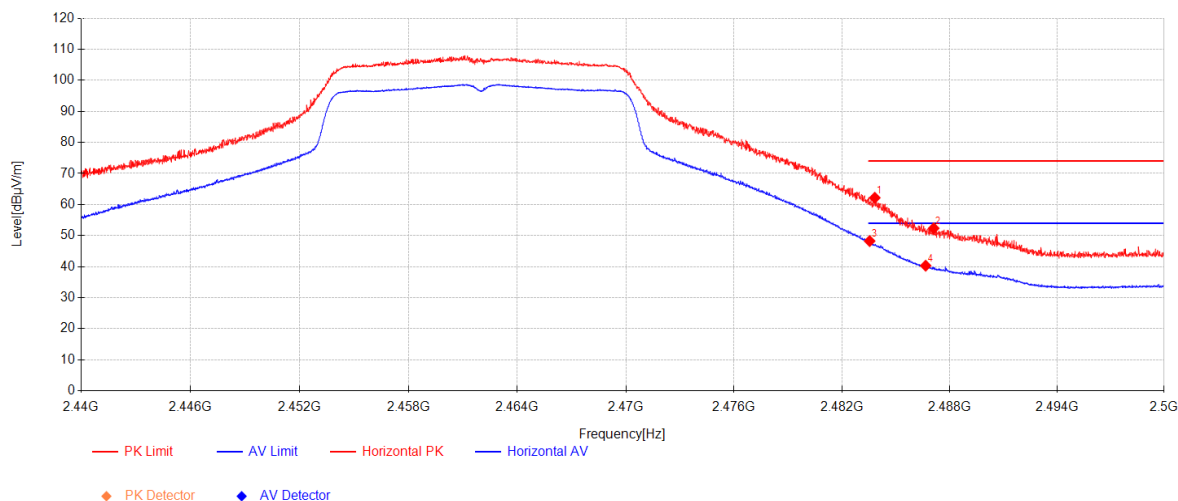
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### 802.11g\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.83	58.27	27.87	-23.96	62.18	74.00	11.82	147	237	Horizontal
2	2487.115	48.43	27.87	-23.94	52.37	74.00	21.63	147	237	Horizontal
3	2483.545	44.34	27.87	-23.96	48.25	54.00	5.75	147	237	Horizontal
4	2486.665	36.37	27.87	-23.94	40.30	54.00	13.70	147	237	Horizontal



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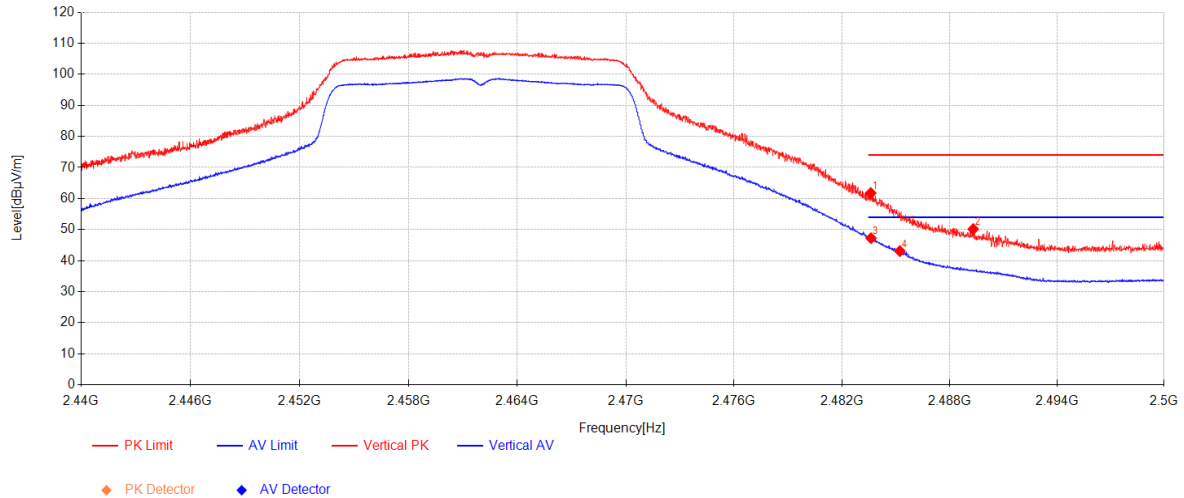
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### 802.11g\_Channel 11



#### Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.605	57.85	27.87	-23.96	61.76	74.00	12.24	358	271	Vertical
2	2489.32	46.20	27.88	-23.93	50.15	74.00	23.85	358	271	Vertical
3	2483.62	43.34	27.87	-23.96	47.25	54.00	6.75	358	271	Vertical
4	2485.225	39.16	27.87	-23.95	43.08	54.00	10.92	358	271	Vertical



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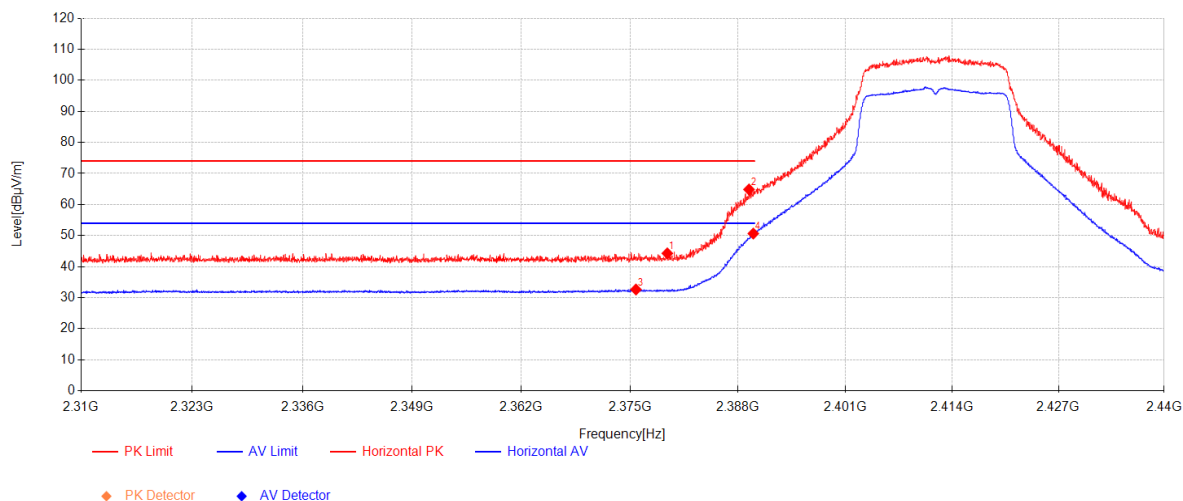
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### 802.11n20\_Channel 01



Data List										
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1	2379.485	41.07	27.66	-24.45	44.28	74.00	29.72	112	228	Horizontal
2	2389.3325	61.60	27.68	-24.42	64.86	74.00	9.14	112	228	Horizontal
3	2375.715	29.44	27.65	-24.45	32.64	54.00	21.36	112	228	Horizontal
4	2389.8525	47.39	27.68	-24.42	50.65	54.00	3.35	112	228	Horizontal



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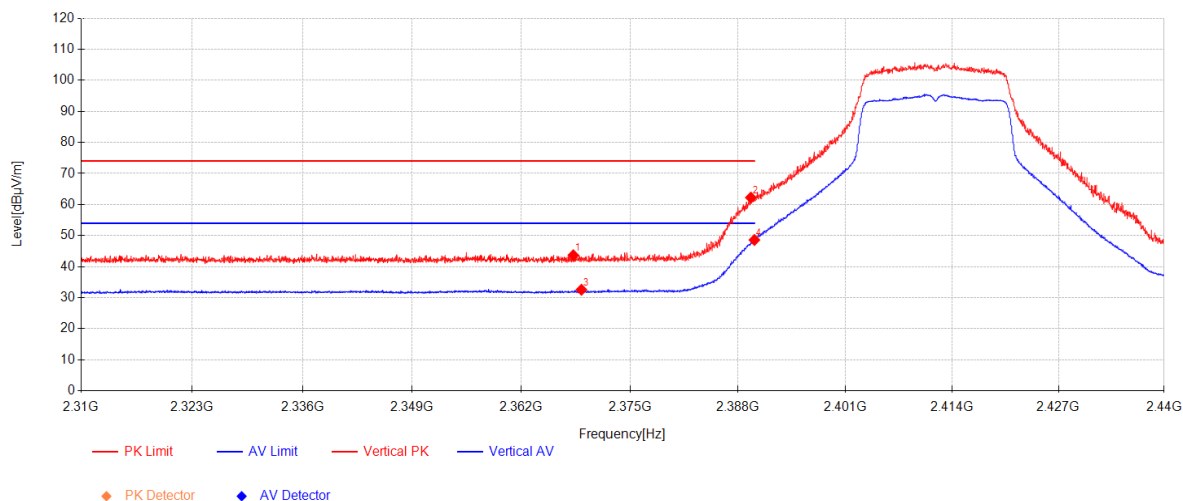


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## 802.11n20\_Channel 01



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	2368.2075	40.50	27.64	-24.47	43.67	74.00	30.33	328	281	Vertical
2	2389.56	58.98	27.68	-24.42	62.24	74.00	11.76	328	281	Vertical
3	2369.1825	29.40	27.64	-24.47	32.57	54.00	21.43	328	281	Vertical
4	2389.9825	45.34	27.68	-24.42	48.60	54.00	5.40	328	281	Vertical



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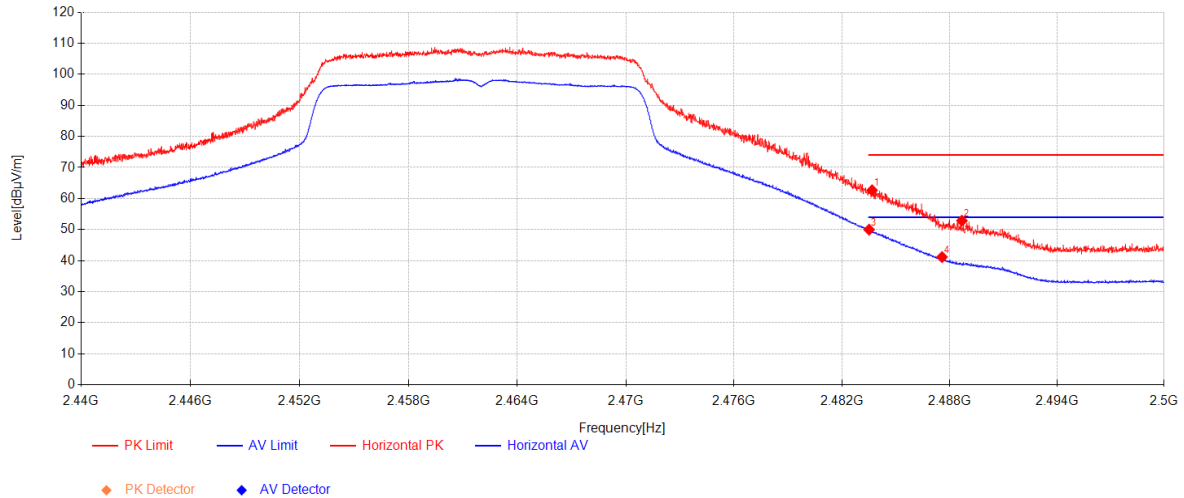
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### 802.11n20\_Channel 11



Data List										
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1	2483.68	58.75	27.87	-23.96	62.66	74.00	11.34	249	316	Horizontal
2	2488.69	48.91	27.88	-23.93	52.86	74.00	21.14	249	316	Horizontal
3	2483.515	46.07	27.87	-23.96	49.98	54.00	4.02	249	316	Horizontal
4	2487.58	37.22	27.88	-23.94	41.16	54.00	12.84	249	316	Horizontal



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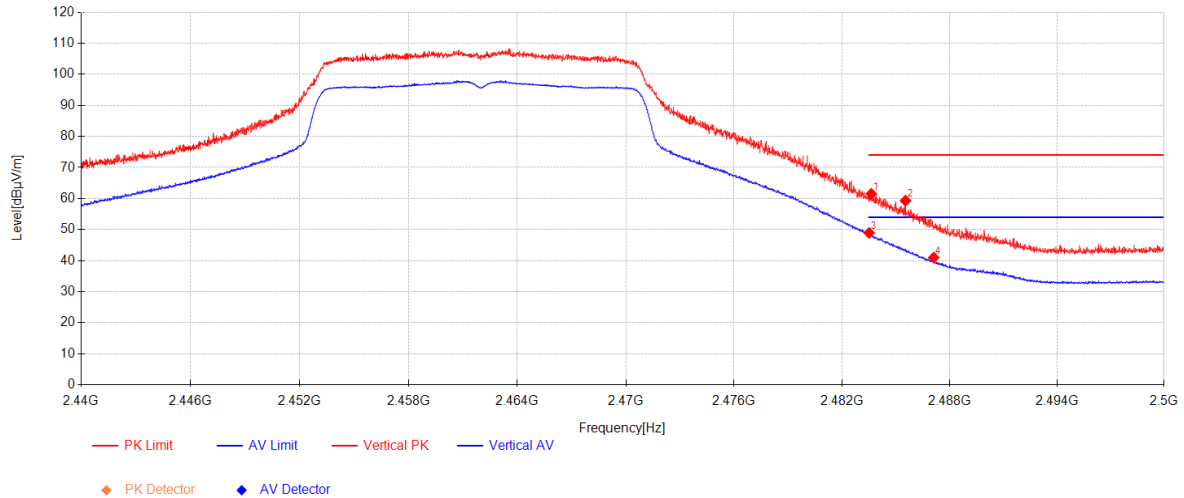
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### 802.11n20\_Channel 11



#### Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.635	57.62	27.87	-23.96	61.53	74.00	12.47	357	269	Vertical
2	2485.54	55.38	27.87	-23.95	59.30	74.00	14.70	357	269	Vertical
3	2483.515	45.03	27.87	-23.96	48.94	54.00	5.06	357	269	Vertical
4	2487.115	37.04	27.87	-23.94	40.98	54.00	13.02	357	269	Vertical



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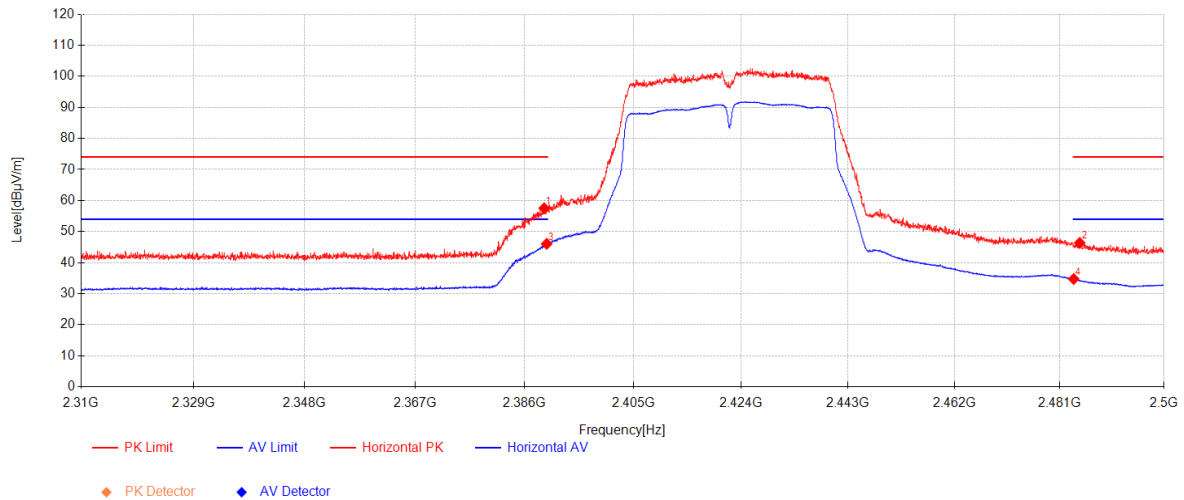
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### 802.11n40\_Channel 03



#### 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	2389.4131	54.26	27.68	-24.42	57.52	74.00	16.48	177	235	Horizontal
2	2484.64	42.44	27.87	-23.95	46.36	74.00	27.64	177	235	Horizontal
3	2389.8466	42.80	27.68	-24.42	46.06	54.00	7.94	177	235	Horizontal
4	2483.56	30.84	27.87	-23.96	34.75	54.00	19.25	177	235	Horizontal



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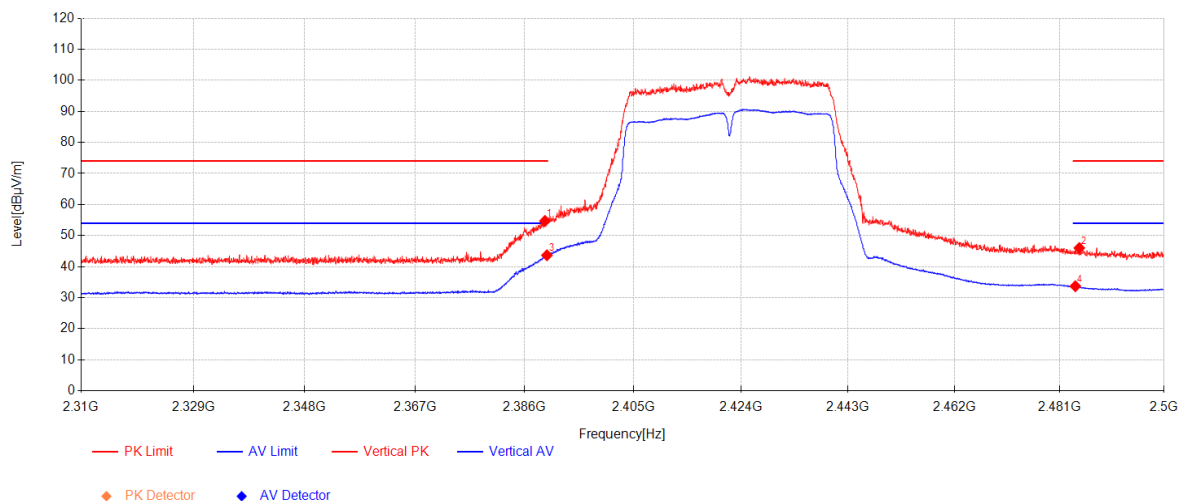
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### 802.11n40\_Channel 03



#### 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	2389.5432	51.46	27.68	-24.42	54.72	74.00	19.28	363	269	Vertical
2	2484.58	42.10	27.87	-23.95	46.02	74.00	27.98	363	269	Vertical
3	2389.89	40.40	27.68	-24.42	43.66	54.00	10.34	363	269	Vertical
4	2483.86	29.79	27.87	-23.96	33.70	54.00	20.30	363	269	Vertical



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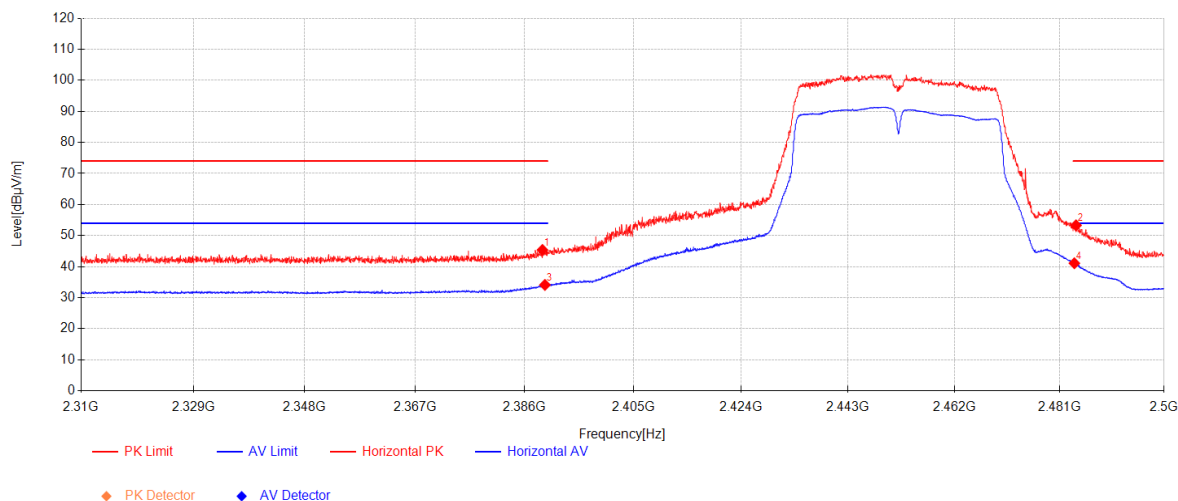


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## 802.11n40\_Channel 09



## 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	2389.1097	42.12	27.68	-24.42	45.37	74.00	28.63	224	326	Horizontal
2	2483.98	49.40	27.87	-23.95	53.31	74.00	20.69	224	326	Horizontal
3	2389.5432	30.86	27.68	-24.42	34.12	54.00	19.88	224	326	Horizontal
4	2483.68	37.19	27.87	-23.96	41.10	54.00	12.90	224	326	Horizontal



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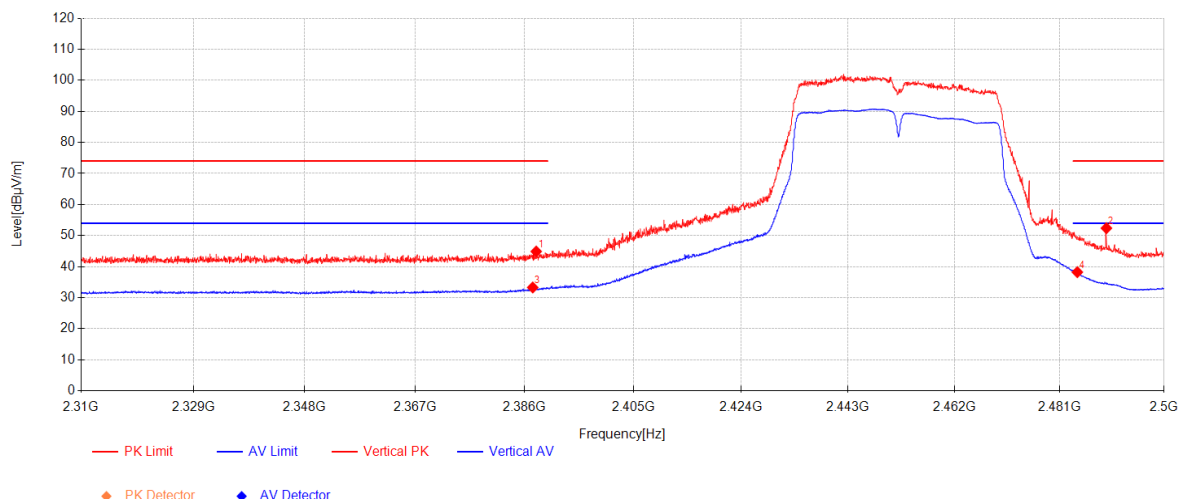
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## 802.11n40\_Channel 09



## Data List

NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.026	41.64	27.68	-24.43	44.89	74.00	29.11	357	265	Vertical
2	2489.5	48.45	27.88	-23.93	52.40	74.00	21.60	357	265	Vertical
3	2387.4191	30.04	27.67	-24.43	33.29	54.00	20.71	357	265	Vertical
4	2484.22	34.32	27.87	-23.95	38.23	54.00	15.77	357	265	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:

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)

---End of Report---



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