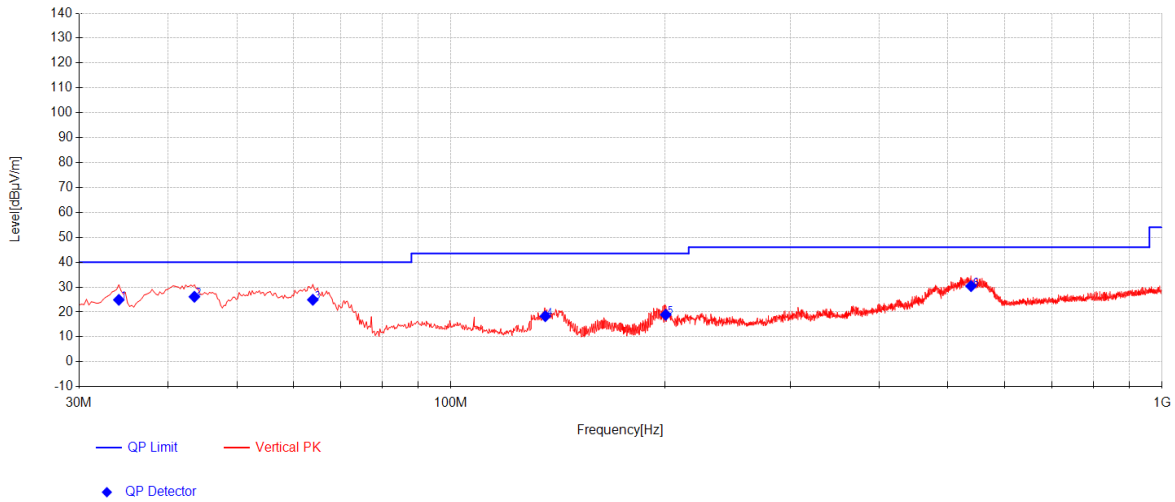

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF [dB/m]	QP Value [dBμV/m]	QP Limit [dBμV/m]	QP Margin [dB]	Height [cm]	Angle [°]	Polarity
1	34.1225	42.63	-28.37	10.63	24.89	40.00	15.11	102	352	Vertical
2	43.58	41.35	-28.05	12.82	26.11	40.00	13.89	142	360	Vertical
3	63.95	42.25	-27.67	10.33	24.91	40.00	15.09	263	152	Vertical
4	135.73	37.65	-27.14	7.80	18.30	43.50	25.20	265	319	Vertical
5	200.4775	35.26	-26.98	10.62	18.90	43.50	24.60	284	84	Vertical
6	538.765	37.62	-24.78	17.57	30.40	46.00	15.60	142	3	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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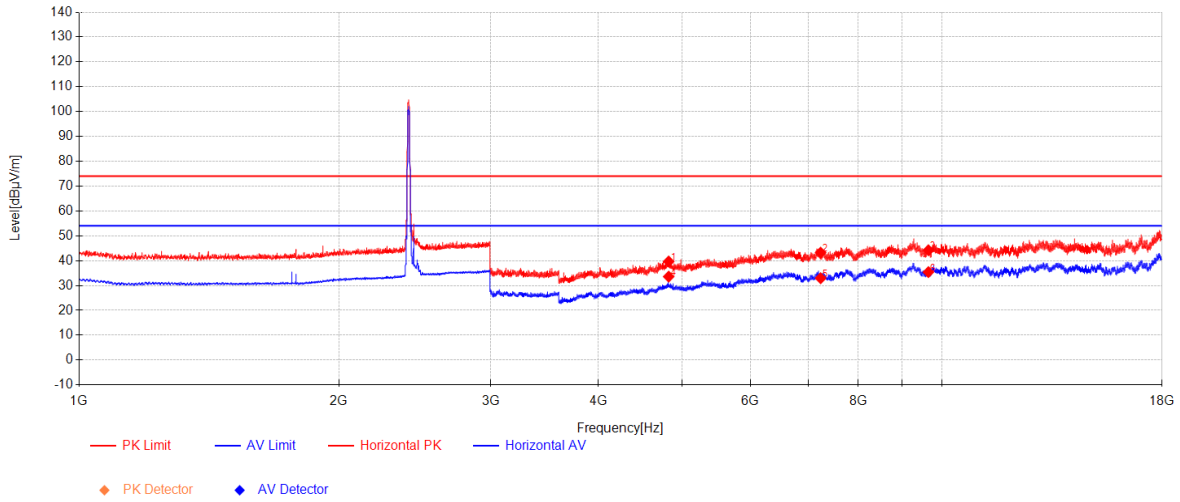
Transmitter emission Above 1GHz

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	52.03	32.18	-44.55	39.66	74.00	34.34	163	3	Horizontal
2	7236	48.95	36.34	-42.08	43.21	74.00	30.79	265	340	Horizontal
3	9648	43.49	38.54	-37.82	44.20	74.00	29.80	241	149	Horizontal
4	4824	45.96	32.18	-44.55	33.59	54.00	20.41	142	44	Horizontal
5	7236	38.67	36.34	-42.08	32.93	54.00	21.07	285	273	Horizontal
6	9648	34.69	38.54	-37.82	35.40	54.00	18.60	263	338	Horizontal

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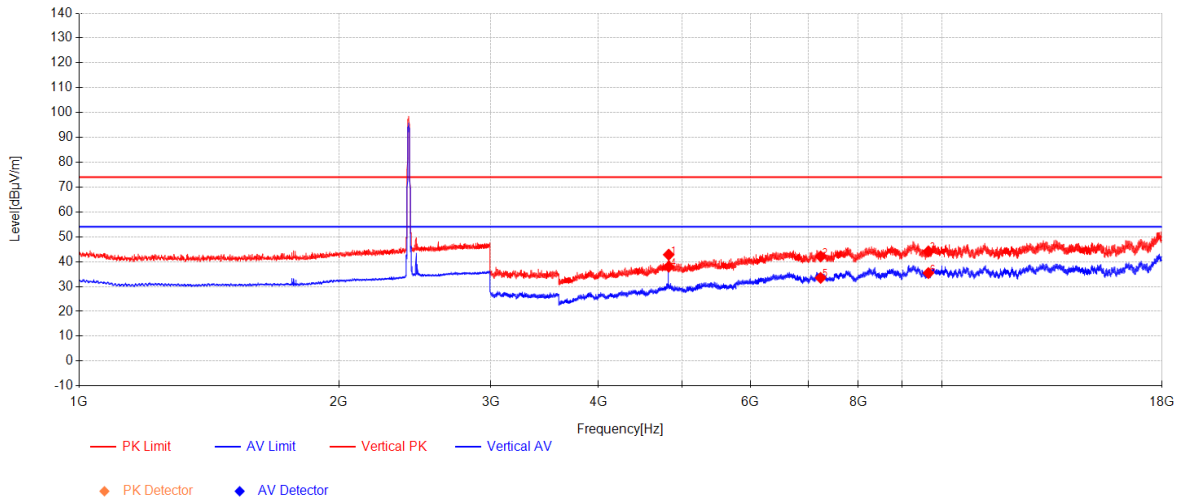
802.11b_Channel 01



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	4824.375	55.18	32.18	-44.55	42.81	74.00	31.19	196	301	Vertical
2	7236	47.84	36.34	-42.08	42.10	74.00	31.90	254	108	Vertical
3	9648	43.45	38.54	-37.82	44.16	74.00	29.84	142	230	Vertical
4	4824.375	50.37	32.18	-44.55	38.00	54.00	16.00	201	301	Vertical
5	7236	39.22	36.34	-42.08	33.48	54.00	20.52	185	230	Vertical
6	9648	34.70	38.54	-37.82	35.41	54.00	18.59	263	235	Vertical

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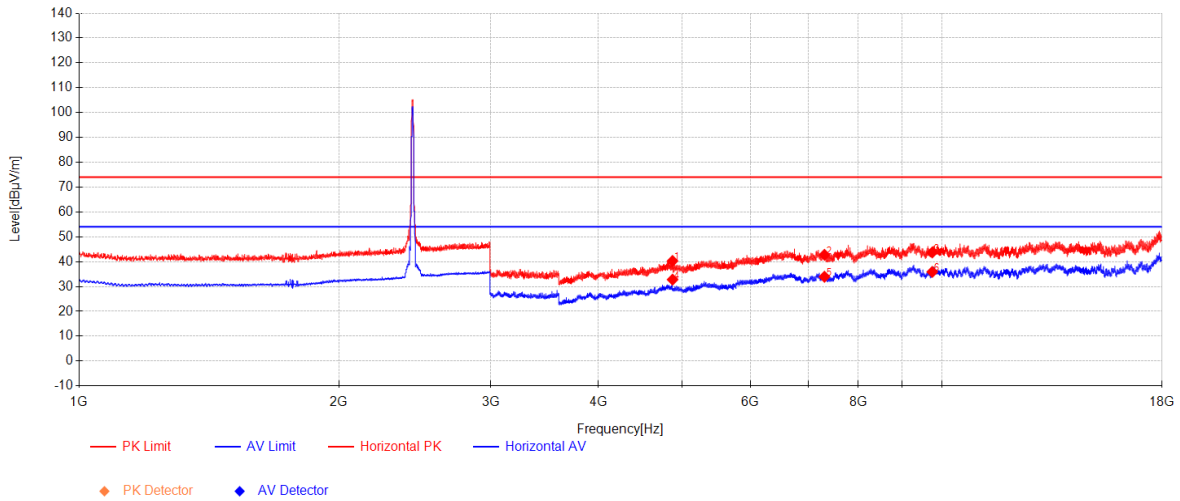
802.11b_Channel 06



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	52.75	32.30	-44.77	40.28	74.00	33.72	263	43	Horizontal
2	7311	48.15	36.39	-41.78	42.75	74.00	31.25	265	360	Horizontal
3	9748	42.71	38.53	-37.51	43.72	74.00	30.28	241	146	Horizontal
4	4874	45.24	32.30	-44.77	32.77	54.00	21.23	102	354	Horizontal
5	7311	39.33	36.39	-41.78	33.93	54.00	20.07	122	106	Horizontal
6	9748	34.87	38.53	-37.51	35.88	54.00	18.12	266	65	Horizontal

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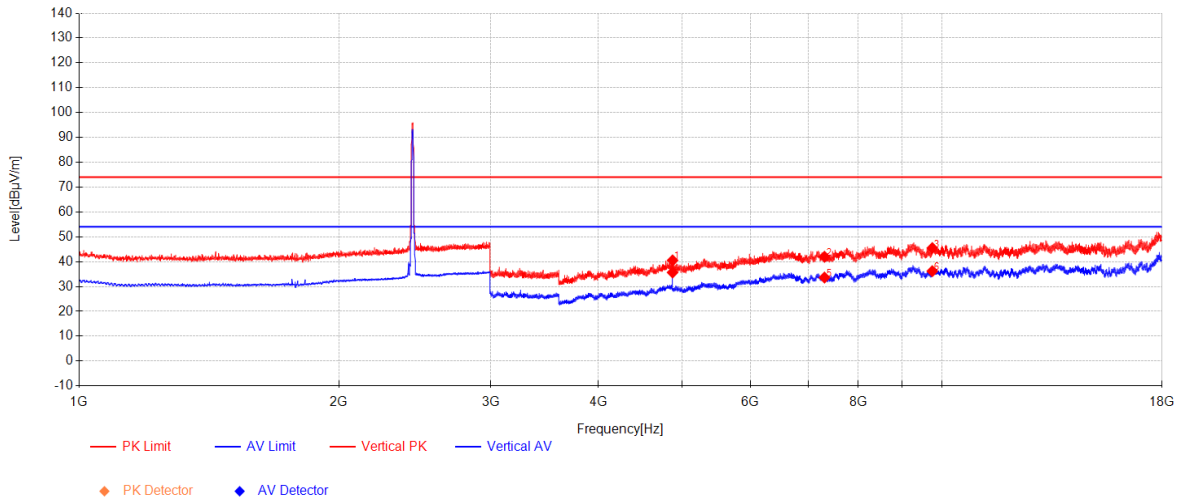
802.11b_Channel 06



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	52.99	32.30	-44.77	40.52	74.00	33.48	296	252	Vertical
2	7311	47.36	36.39	-41.78	41.96	74.00	32.04	265	45	Vertical
3	9748	44.47	38.53	-37.51	45.48	74.00	28.52	241	63	Vertical
4	4874.375	48.13	32.30	-44.77	35.66	54.00	18.34	102	293	Vertical
5	7311	39.00	36.39	-41.78	33.60	54.00	20.40	133	235	Vertical
6	9748	35.16	38.53	-37.51	36.17	54.00	17.83	287	63	Vertical

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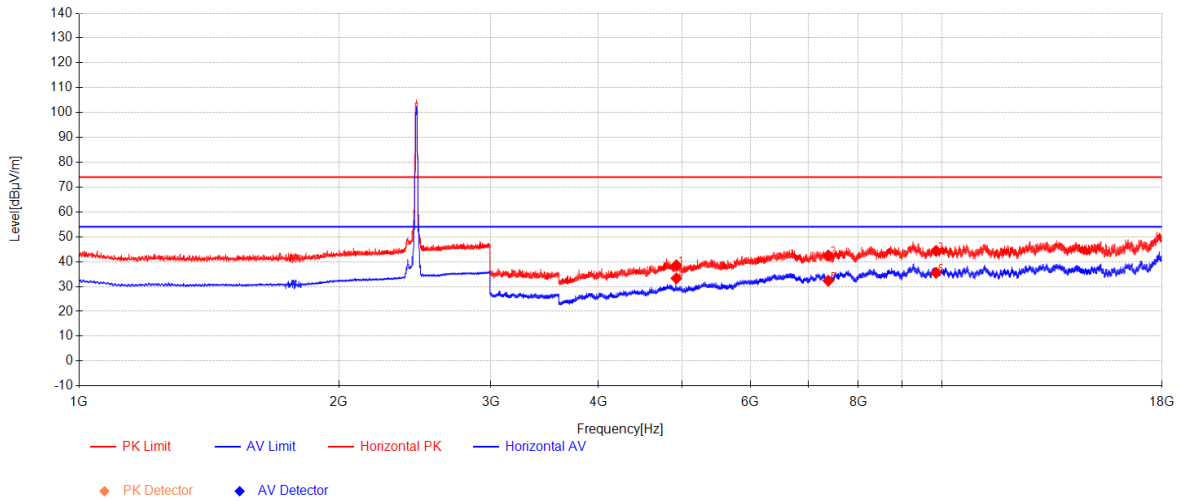

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	51.03	32.42	-44.89	38.55	74.00	35.45	163	154	Horizontal
2	7386	48.02	36.43	-41.95	42.50	74.00	31.50	265	323	Horizontal
3	9848	43.18	38.52	-37.37	44.32	74.00	29.68	241	132	Horizontal
4	4924	45.77	32.42	-44.89	33.29	54.00	20.71	185	132	Horizontal
5	7386	37.84	36.43	-41.95	32.32	54.00	21.68	299	195	Horizontal
6	9848	34.37	38.52	-37.37	35.51	54.00	18.49	241	259	Horizontal

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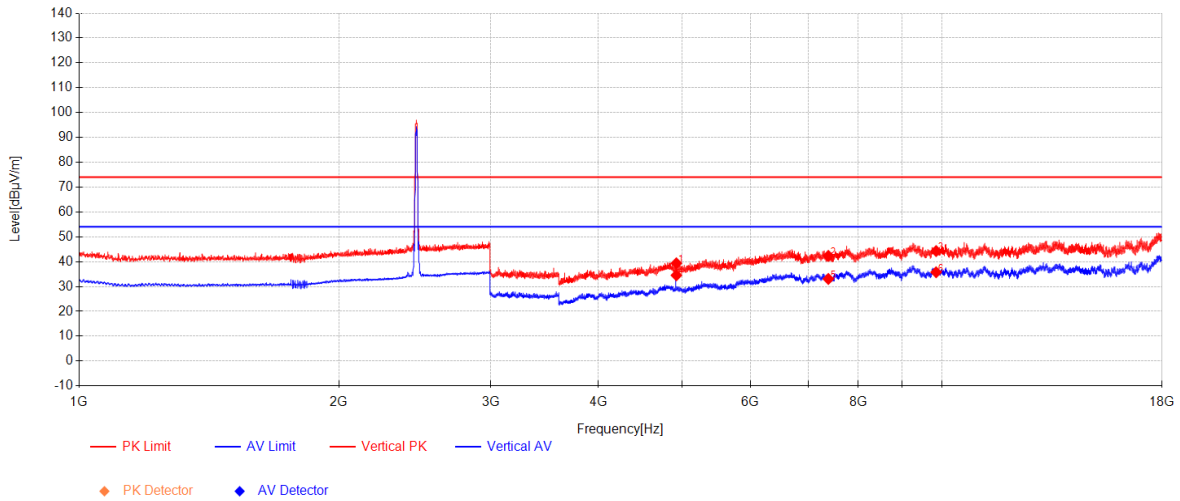

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	51.83	32.42	-44.89	39.35	74.00	34.65	196	259	Vertical
2	7386	47.86	36.43	-41.95	42.34	74.00	31.66	265	149	Vertical
3	9848	43.13	38.52	-37.37	44.27	74.00	29.73	241	89	Vertical
4	4924	47.00	32.42	-44.89	34.52	54.00	19.48	185	153	Vertical
5	7386	38.57	36.43	-41.95	33.05	54.00	20.95	201	216	Vertical
6	9848	34.60	38.52	-37.37	35.74	54.00	18.26	145	341	Vertical

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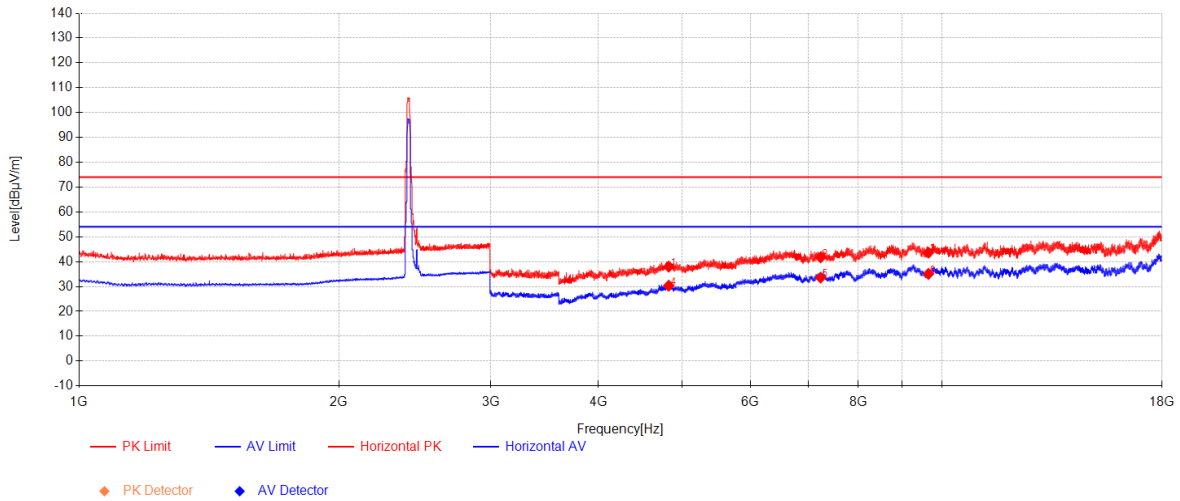

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	50.38	32.18	-44.55	38.01	74.00	35.99	163	129	Horizontal
2	7236	47.47	36.34	-42.08	41.73	74.00	32.27	265	45	Horizontal
3	9648	42.92	38.54	-37.82	43.63	74.00	30.37	284	278	Horizontal
4	4824	42.68	32.18	-44.55	30.31	54.00	23.69	142	45	Horizontal
5	7236	39.32	36.34	-42.08	33.58	54.00	20.42	255	360	Horizontal
6	9648	34.37	38.54	-37.82	35.08	54.00	18.92	296	256	Horizontal

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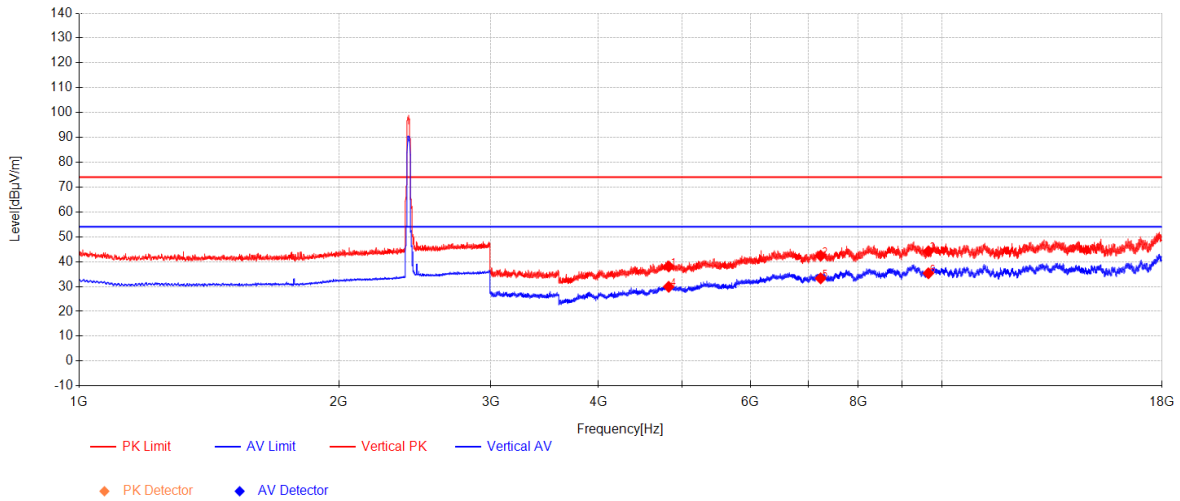

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824	50.44	32.18	-44.55	38.07	74.00	35.93	196	306	Vertical
2	7236	48.13	36.34	-42.08	42.39	74.00	31.61	265	175	Vertical
3	9648	43.46	38.54	-37.82	44.17	74.00	29.83	241	306	Vertical
4	4824	42.25	32.18	-44.55	29.88	54.00	24.12	142	23	Vertical
5	7236	39.02	36.34	-42.08	33.28	54.00	20.72	201	3	Vertical
6	9648	34.62	38.54	-37.82	35.33	54.00	18.67	155	4	Vertical

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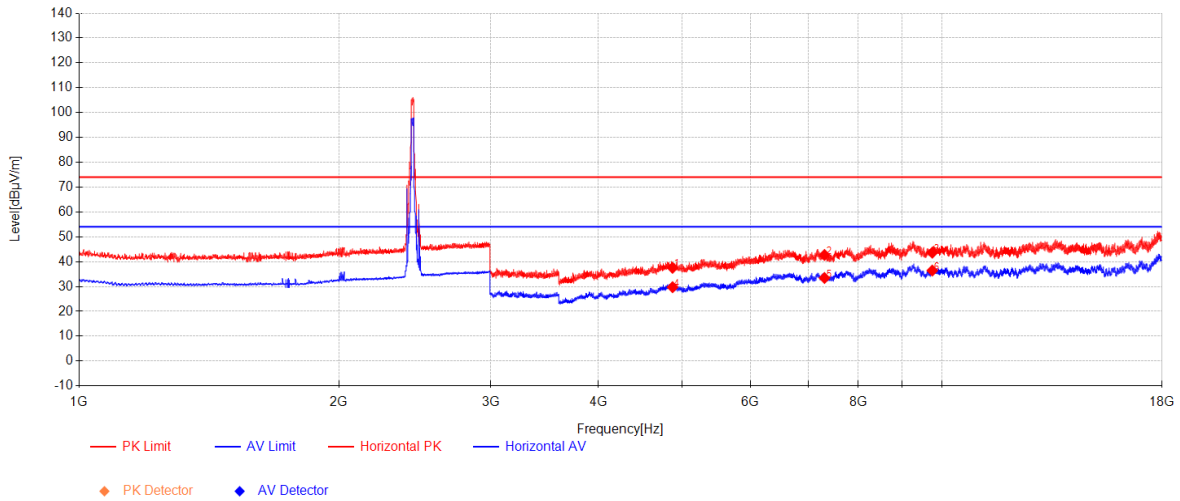

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	49.99	32.30	-44.77	37.52	74.00	36.48	163	45	Horizontal
2	7311	48.09	36.39	-41.78	42.69	74.00	31.31	265	4	Horizontal
3	9748	42.60	38.53	-37.51	43.61	74.00	30.39	241	360	Horizontal
4	4874	42.19	32.30	-44.77	29.72	54.00	24.28	185	4	Horizontal
5	7311	38.83	36.39	-41.78	33.43	54.00	20.57	255	357	Horizontal
6	9748	35.42	38.53	-37.51	36.43	54.00	17.57	296	129	Horizontal

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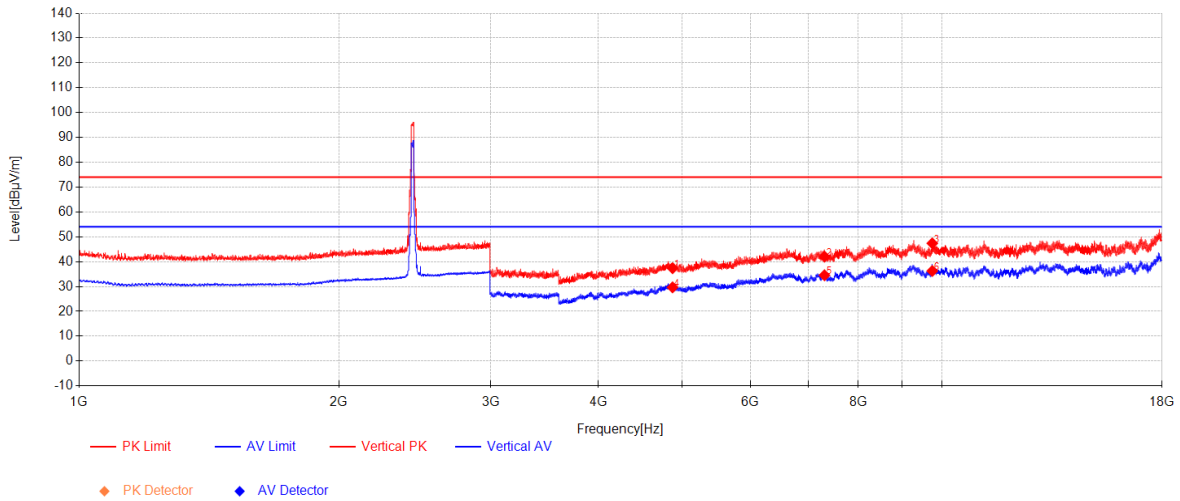

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	49.84	32.30	-44.77	37.37	74.00	36.63	196	213	Vertical
2	7311	47.43	36.39	-41.78	42.03	74.00	31.97	265	127	Vertical
3	9748	46.36	38.53	-37.51	47.37	74.00	26.63	241	236	Vertical
4	4874	42.13	32.30	-44.77	29.66	54.00	24.34	112	127	Vertical
5	7311	39.92	36.39	-41.78	34.52	54.00	19.48	263	106	Vertical
6	9748	35.25	38.53	-37.51	36.26	54.00	17.74	269	236	Vertical

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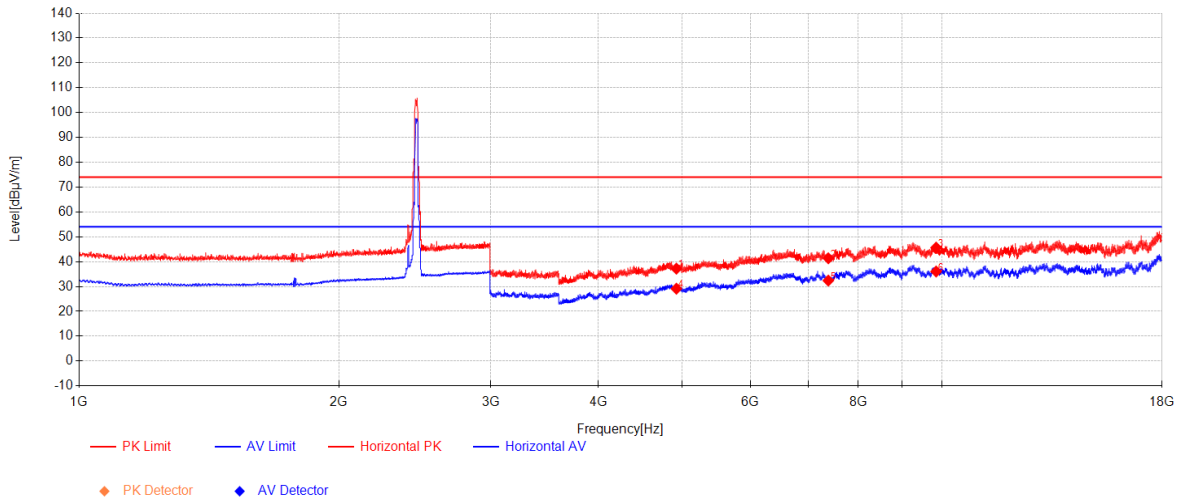

Data List

NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	49.67	32.42	-44.89	37.19	74.00	36.81	196	358	Horizontal
2	7386	46.87	36.43	-41.95	41.35	74.00	32.65	265	262	Horizontal
3	9848	44.51	38.52	-37.37	45.65	74.00	28.35	241	323	Horizontal
4	4924	41.61	32.42	-44.89	29.13	54.00	24.87	142	3	Horizontal
5	7386	37.91	36.43	-41.95	32.39	54.00	21.61	263	360	Horizontal
6	9848	34.90	38.52	-37.37	36.04	54.00	17.96	201	346	Horizontal

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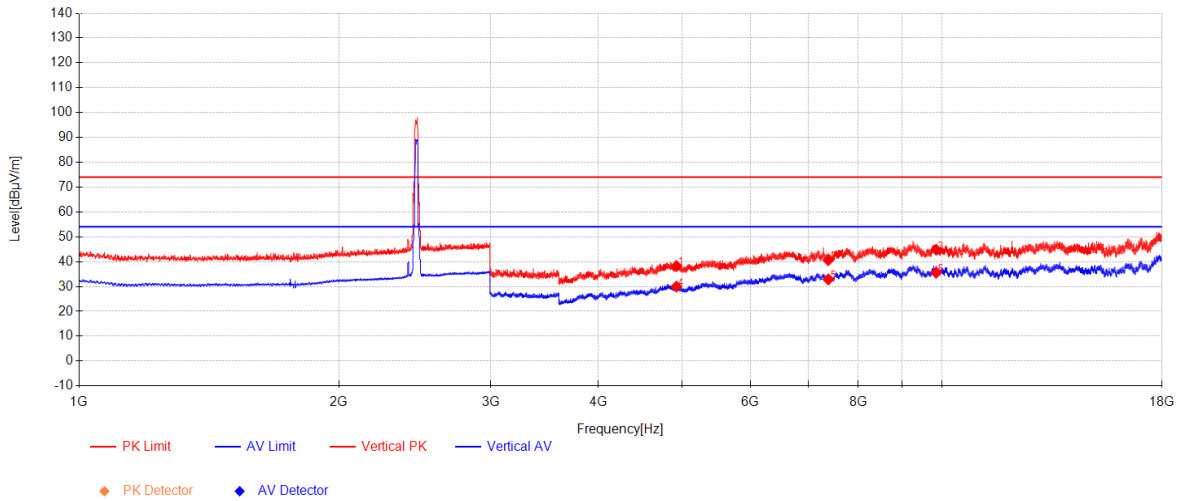

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	50.72	32.42	-44.89	38.24	74.00	35.76	296	4	Vertical
2	7386	46.10	36.43	-41.95	40.58	74.00	33.42	254	68	Vertical
3	9848	43.67	38.52	-37.37	44.81	74.00	29.19	142	111	Vertical
4	4924	42.45	32.42	-44.89	29.97	54.00	24.03	201	360	Vertical
5	7386	38.37	36.43	-41.95	32.85	54.00	21.15	142	111	Vertical
6	9848	34.42	38.52	-37.37	35.56	54.00	18.44	263	243	Vertical

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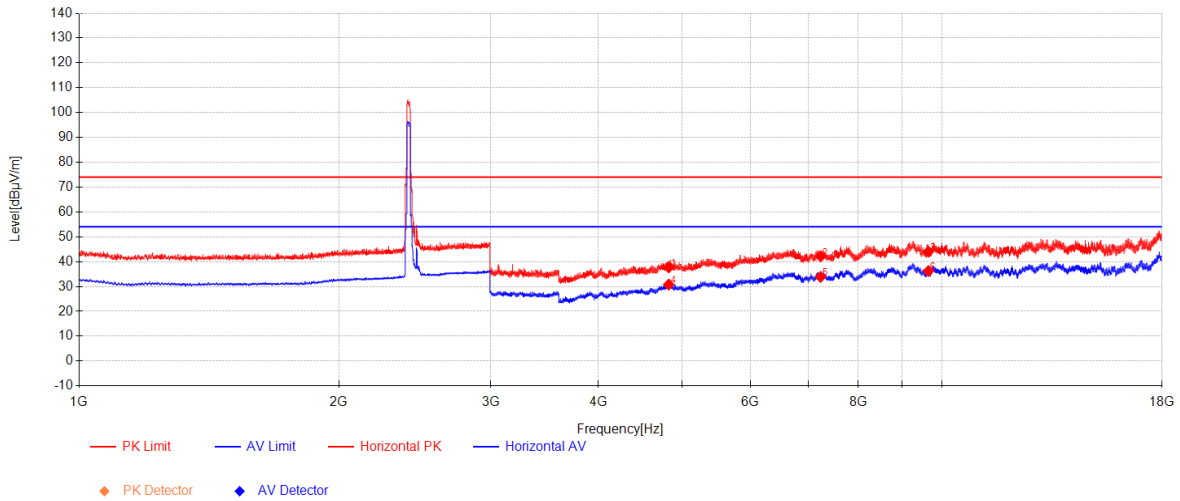

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1	4824	50.09	32.18	-44.55	37.72	74.00	36.28	263	360	Horizontal
2	7236	47.88	36.34	-42.08	42.14	74.00	31.86	254	213	Horizontal
3	9648	43.31	38.54	-37.82	44.02	74.00	29.98	142	321	Horizontal
4	4824	43.15	32.18	-44.55	30.78	54.00	23.22	285	194	Horizontal
5	7236	39.61	36.34	-42.08	33.87	54.00	20.13	263	3	Horizontal
6	9648	35.50	38.54	-37.82	36.21	54.00	17.79	204	359	Horizontal

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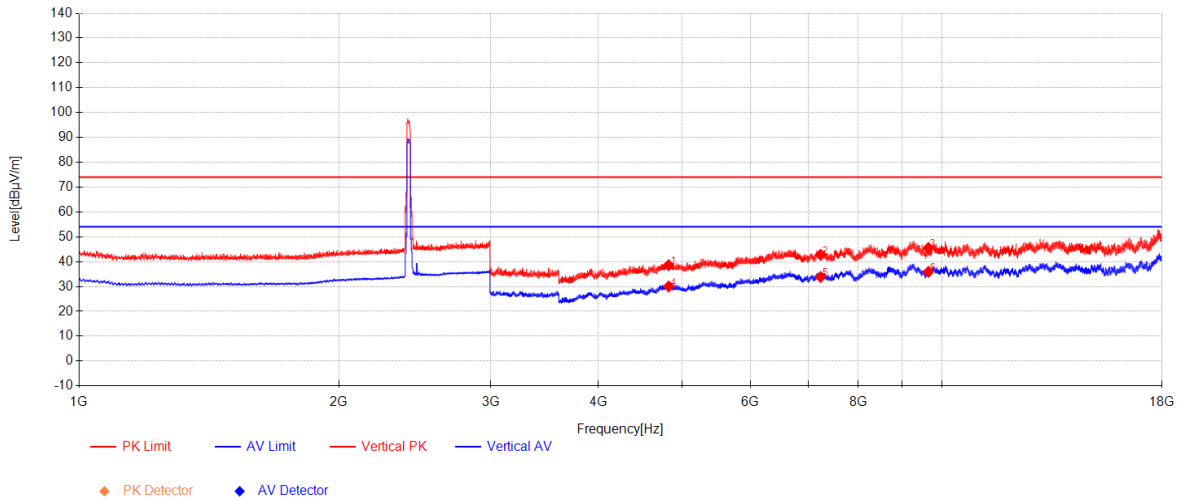

Data List										
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1	4824	50.95	32.18	-44.55	38.58	74.00	35.42	196	175	Vertical
2	7236	48.50	36.34	-42.08	42.76	74.00	31.24	265	196	Vertical
3	9648	44.84	38.54	-37.82	45.55	74.00	28.45	284	280	Vertical
4	4824	42.40	32.18	-44.55	30.03	54.00	23.97	142	4	Vertical
5	7236	39.58	36.34	-42.08	33.84	54.00	20.16	263	360	Vertical
6	9648	35.20	38.54	-37.82	35.91	54.00	18.09	201	237	Vertical

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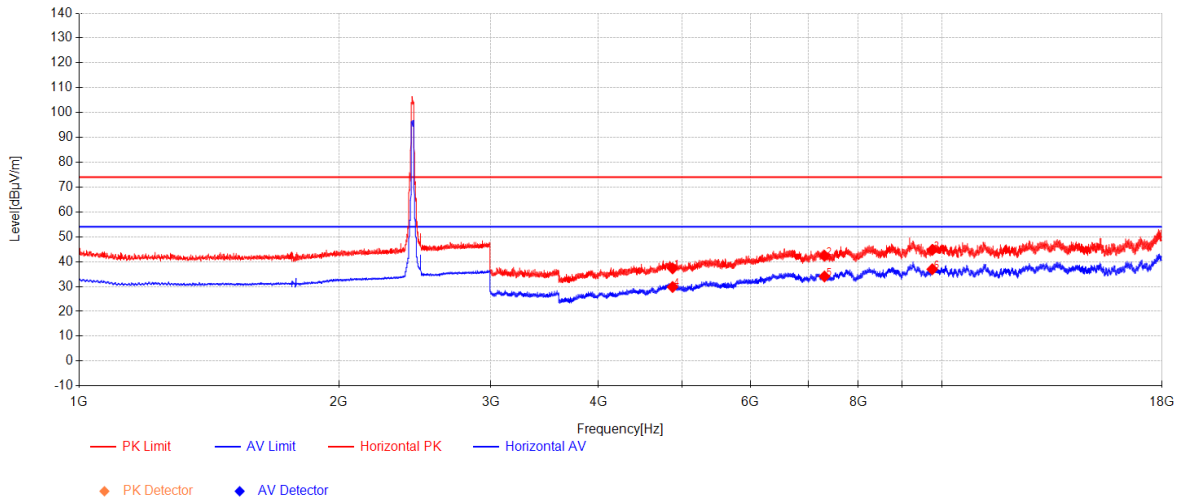

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1	4874	49.76	32.30	-44.77	37.29	74.00	36.71	163	23	Horizontal
2	7311	47.76	36.39	-41.78	42.36	74.00	31.64	265	260	Horizontal
3	9748	43.74	38.53	-37.51	44.75	74.00	29.25	241	3	Horizontal
4	4874	42.28	32.30	-44.77	29.81	54.00	24.19	142	22	Horizontal
5	7311	39.44	36.39	-41.78	34.04	54.00	19.96	201	64	Horizontal
6	9748	35.94	38.53	-37.51	36.95	54.00	17.05	186	3	Horizontal

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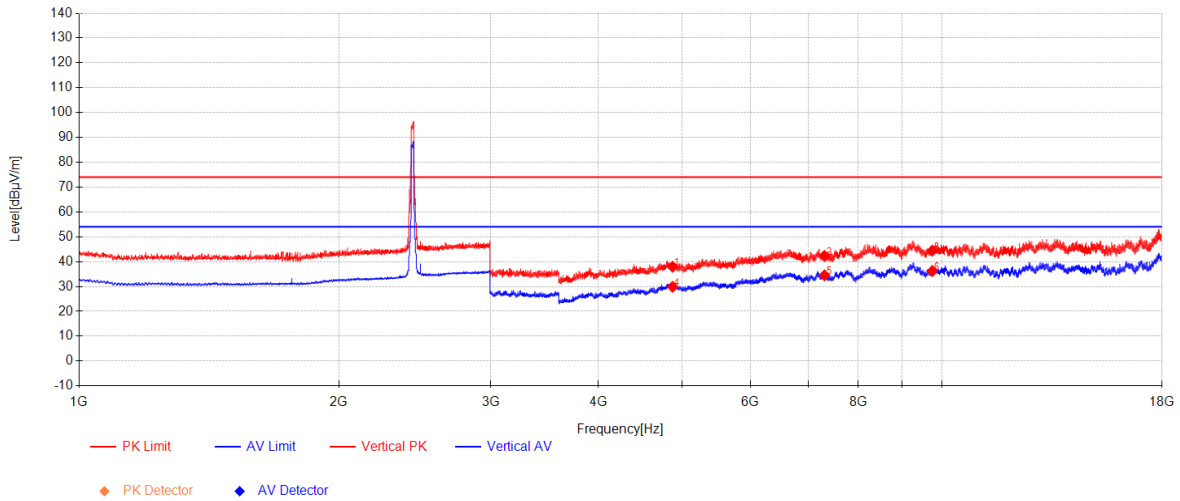

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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874	50.43	32.30	-44.77	37.96	74.00	36.04	196	316	Vertical
2	7311	47.70	36.39	-41.78	42.30	74.00	31.70	265	359	Vertical
3	9748	43.45	38.53	-37.51	44.46	74.00	29.54	241	65	Vertical
4	4874	42.35	32.30	-44.77	29.88	54.00	24.12	142	360	Vertical
5	7311	39.90	36.39	-41.78	34.50	54.00	19.50	263	338	Vertical
6	9748	35.21	38.53	-37.51	36.22	54.00	17.78	214	295	Vertical

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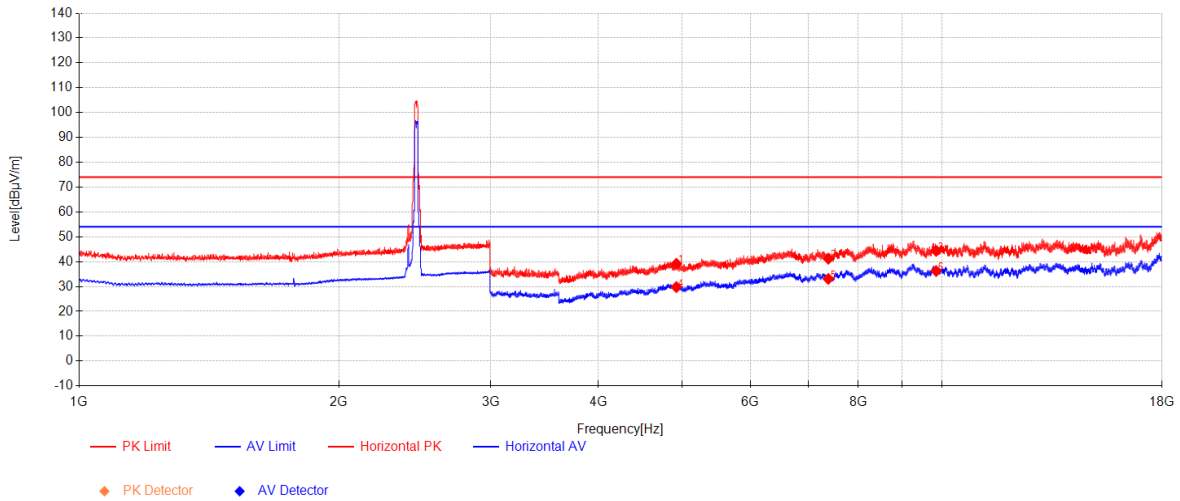

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	51.63	32.42	-44.89	39.15	74.00	34.85	263	219	Horizontal
2	7386	46.71	36.43	-41.95	41.19	74.00	32.81	265	88	Horizontal
3	9848	43.20	38.52	-37.37	44.34	74.00	29.66	284	109	Horizontal
4	4924	42.25	32.42	-44.89	29.77	54.00	24.23	142	3	Horizontal
5	7386	38.58	36.43	-41.95	33.06	54.00	20.94	252	241	Horizontal
6	9848	35.09	38.52	-37.37	36.23	54.00	17.77	296	359	Horizontal

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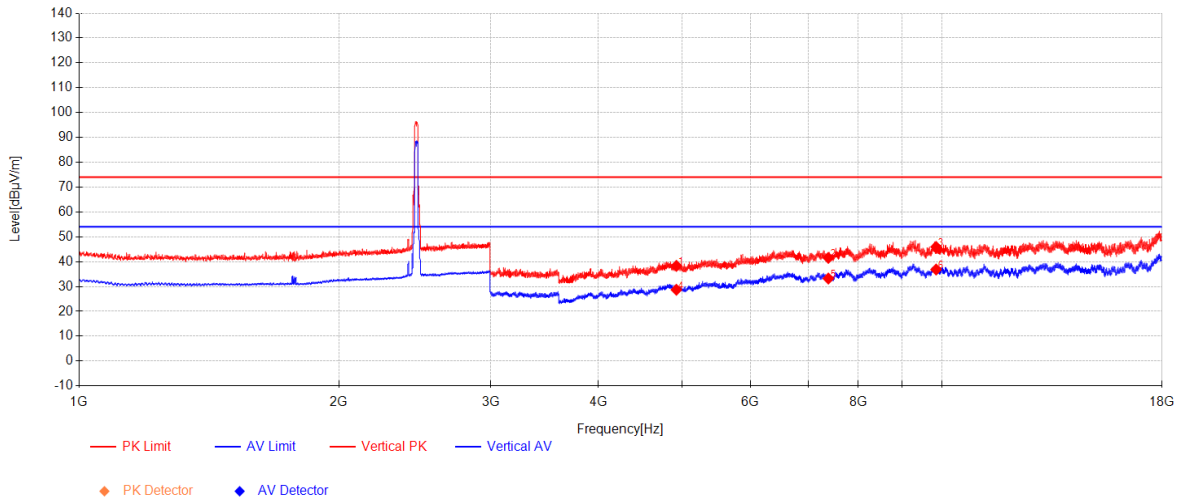
802.11n20_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924	50.80	32.42	-44.89	38.32	74.00	35.68	265	107	Vertical
2	7386	47.04	36.43	-41.95	41.52	74.00	32.48	295	45	Vertical
3	9848	44.80	38.52	-37.37	45.94	74.00	28.06	241	45	Vertical
4	4924	41.17	32.42	-44.89	28.69	54.00	25.31	142	45	Vertical
5	7386	38.74	36.43	-41.95	33.22	54.00	20.78	201	340	Vertical
6	9848	35.71	38.52	-37.37	36.85	54.00	17.15	155	64	Vertical

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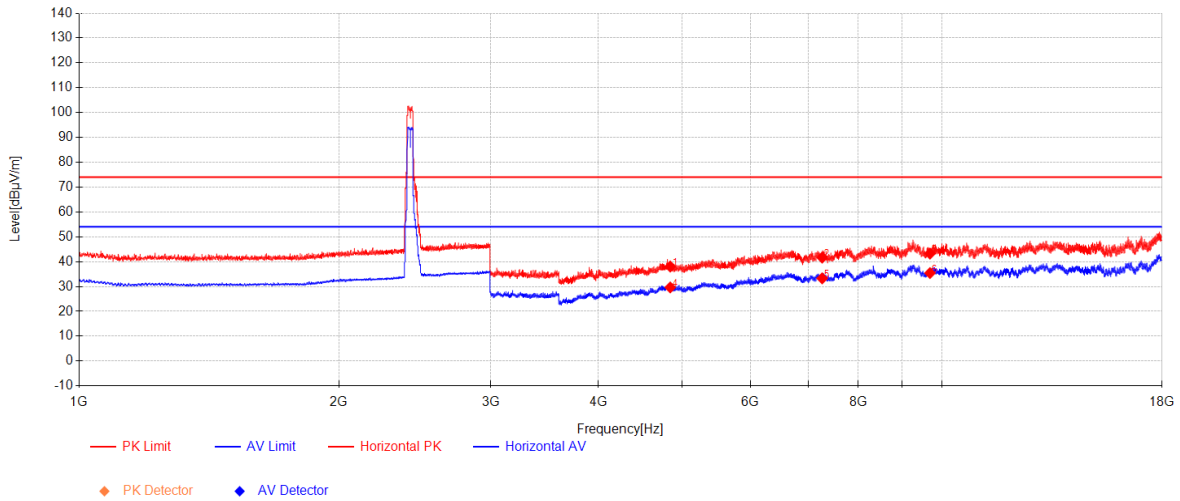
802.11n40_Channel 03



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	50.46	32.23	-44.64	38.05	74.00	35.95	296	3	Horizontal
2	7266	47.20	36.36	-41.93	41.63	74.00	32.37	265	360	Horizontal
3	9688	42.31	38.53	-37.59	43.25	74.00	30.75	241	131	Horizontal
4	4844	42.03	32.23	-44.64	29.62	54.00	24.38	145	172	Horizontal
5	7266	38.86	36.36	-41.93	33.29	54.00	20.71	253	360	Horizontal
6	9688	34.48	38.53	-37.59	35.42	54.00	18.58	221	26	Horizontal

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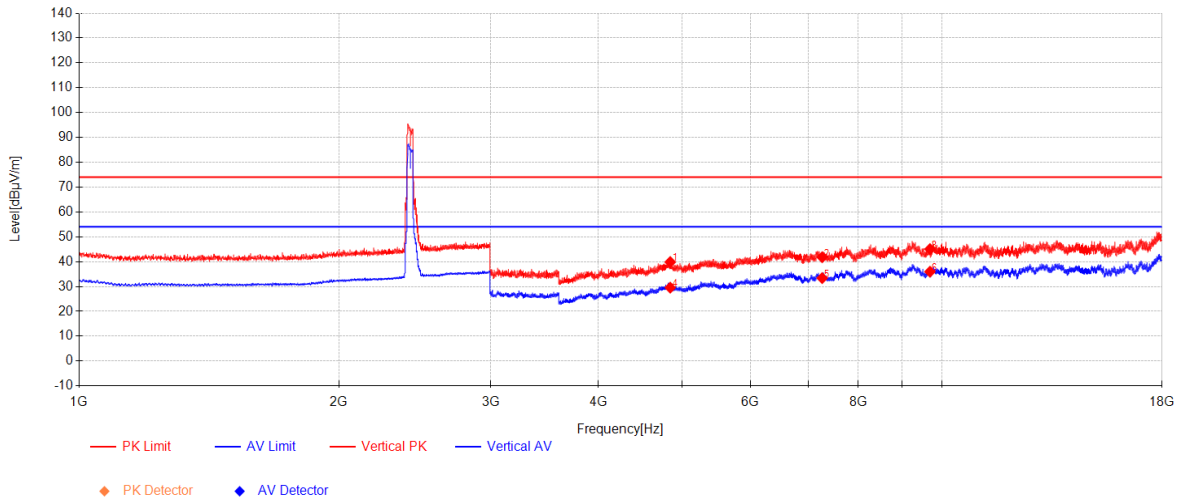
802.11n40_Channel 03



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	52.26	32.23	-44.64	39.85	74.00	34.15	296	323	Vertical
2	7266	47.36	36.36	-41.93	41.79	74.00	32.21	265	194	Vertical
3	9688	44.13	38.53	-37.59	45.07	74.00	28.93	284	237	Vertical
4	4844	41.96	32.23	-44.64	29.55	54.00	24.45	142	279	Vertical
5	7266	38.96	36.36	-41.93	33.39	54.00	20.61	255	360	Vertical
6	9688	35.01	38.53	-37.59	35.95	54.00	18.05	287	237	Vertical

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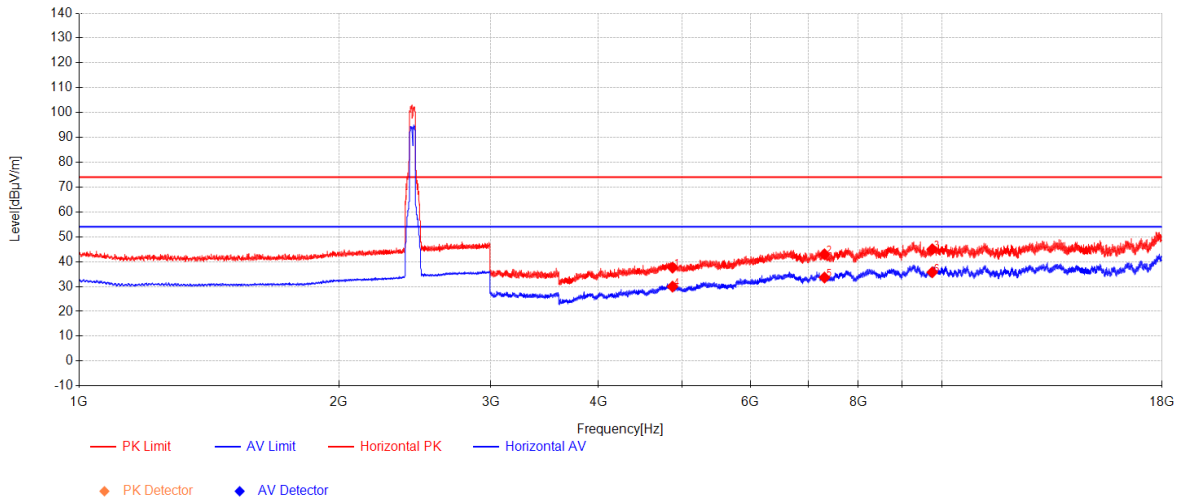
802.11n40_Channel 06



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	50.07	32.30	-44.77	37.60	74.00	36.40	263	234	Horizontal
2	7311	48.37	36.39	-41.78	42.97	74.00	31.03	265	111	Horizontal
3	9748	43.98	38.53	-37.51	44.99	74.00	29.01	284	262	Horizontal
4	4874	42.43	32.30	-44.77	29.96	54.00	24.04	142	218	Horizontal
5	7311	39.01	36.39	-41.78	33.61	54.00	20.39	255	254	Horizontal
6	9748	34.73	38.53	-37.51	35.74	54.00	18.26	296	174	Horizontal

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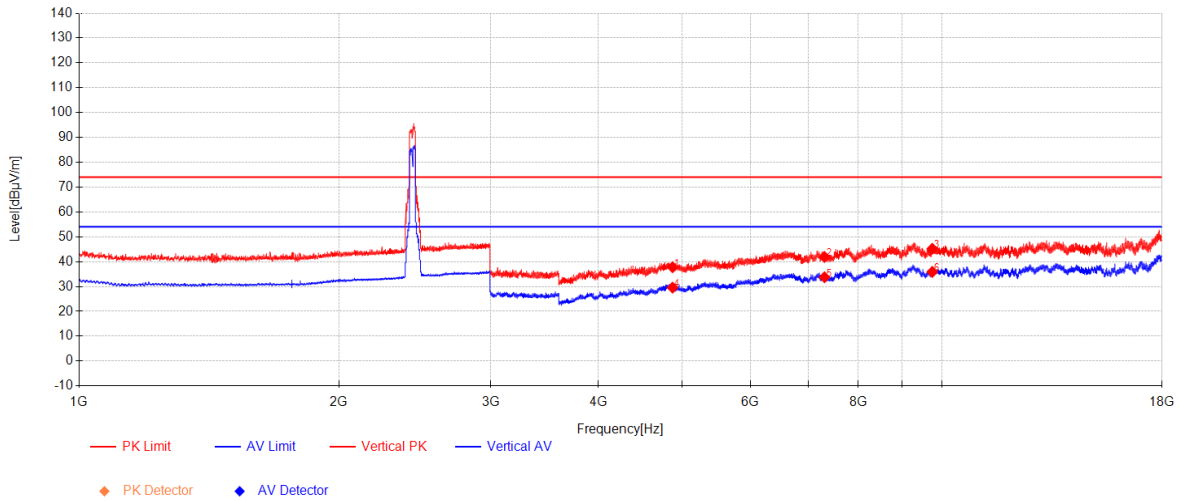
802.11n40_Channel 06



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	50.24	32.30	-44.77	37.77	74.00	36.23	296	26	Vertical
2	7311	47.30	36.39	-41.78	41.90	74.00	32.10	254	146	Vertical
3	9748	44.19	38.53	-37.51	45.20	74.00	28.80	142	252	Vertical
4	4874	42.02	32.30	-44.77	29.55	54.00	24.45	201	338	Vertical
5	7311	39.13	36.39	-41.78	33.73	54.00	20.27	266	146	Vertical
6	9748	34.86	38.53	-37.51	35.87	54.00	18.13	224	252	Vertical

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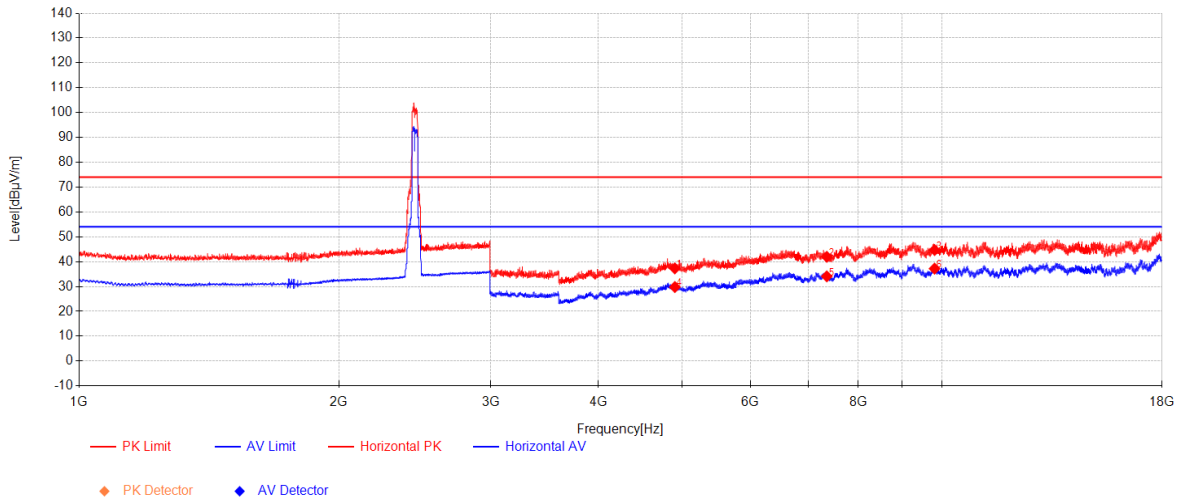
802.11n40_Channel 09



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	49.80	32.37	-44.88	37.29	74.00	36.71	296	173	Horizontal
2	7356	47.42	36.41	-41.88	41.95	74.00	32.05	265	3	Horizontal
3	9808	43.64	38.52	-37.48	44.68	74.00	29.32	241	43	Horizontal
4	4904	42.30	32.37	-44.88	29.79	54.00	24.21	142	256	Horizontal
5	7356	39.55	36.41	-41.88	34.08	54.00	19.92	201	23	Horizontal
6	9808	36.15	38.52	-37.48	37.19	54.00	16.81	156	357	Horizontal

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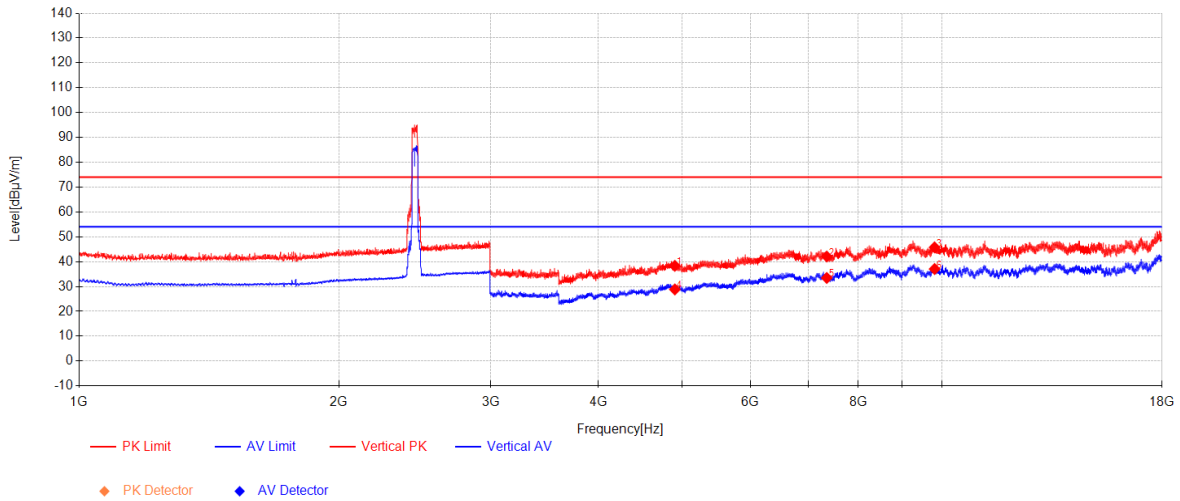
802.11n40_Channel 09



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	50.84	32.37	-44.88	38.33	74.00	35.67	296	302	Vertical
2	7356	47.54	36.41	-41.88	42.07	74.00	31.93	265	150	Vertical
3	9808	44.73	38.52	-37.48	45.77	74.00	28.23	284	43	Vertical
4	4904	41.34	32.37	-44.88	28.83	54.00	25.17	142	23	Vertical
5	7356	38.92	36.41	-41.88	33.45	54.00	20.55	255	85	Vertical
6	9808	36.00	38.52	-37.48	37.04	54.00	16.96	253	298	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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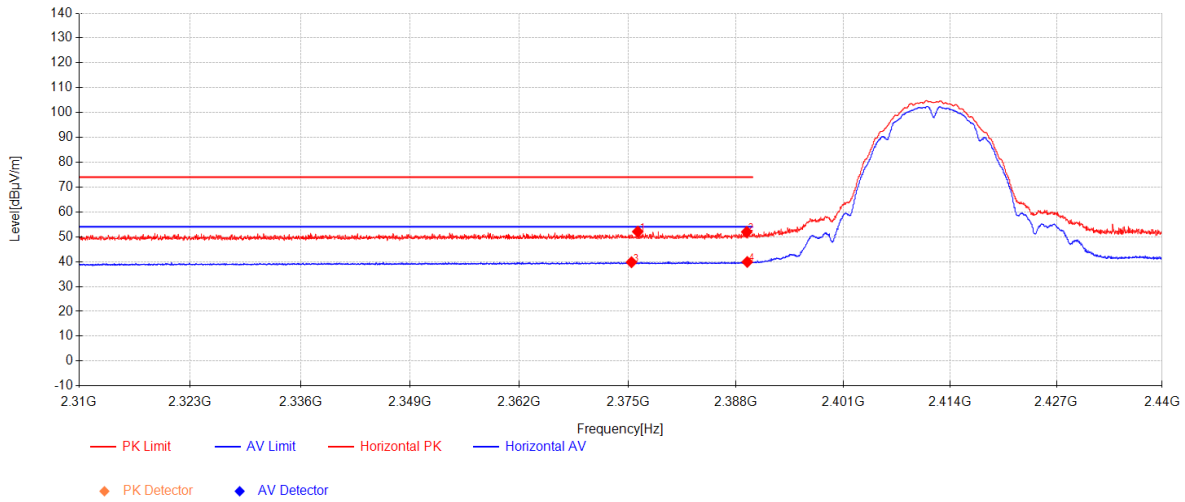
Restricted bands around fundamental frequency

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	2376.17	48.89	27.65	-24.45	52.09	74.00	21.91	268	322	Horizontal
2	2389.3	48.72	27.68	-24.42	51.98	74.00	22.02	268	322	Horizontal
3	2375.4225	36.58	27.65	-24.45	39.78	54.00	14.22	268	322	Horizontal
4	2389.365	36.62	27.68	-24.42	39.88	54.00	14.12	268	322	Horizontal

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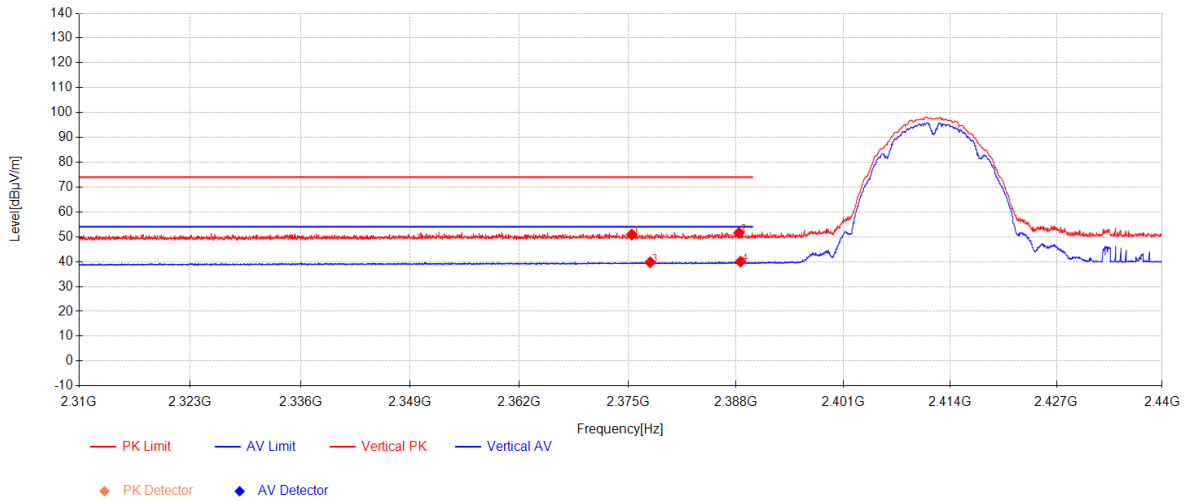

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NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2375.455	47.71	27.65	-24.45	50.91	74.00	23.09	186	211	Vertical
2	2388.3575	48.32	27.68	-24.43	51.57	74.00	22.43	186	211	Vertical
3	2377.665	36.52	27.66	-24.45	39.73	54.00	14.27	186	211	Vertical
4	2388.5525	36.75	27.68	-24.43	40.00	54.00	14.00	186	211	Vertical

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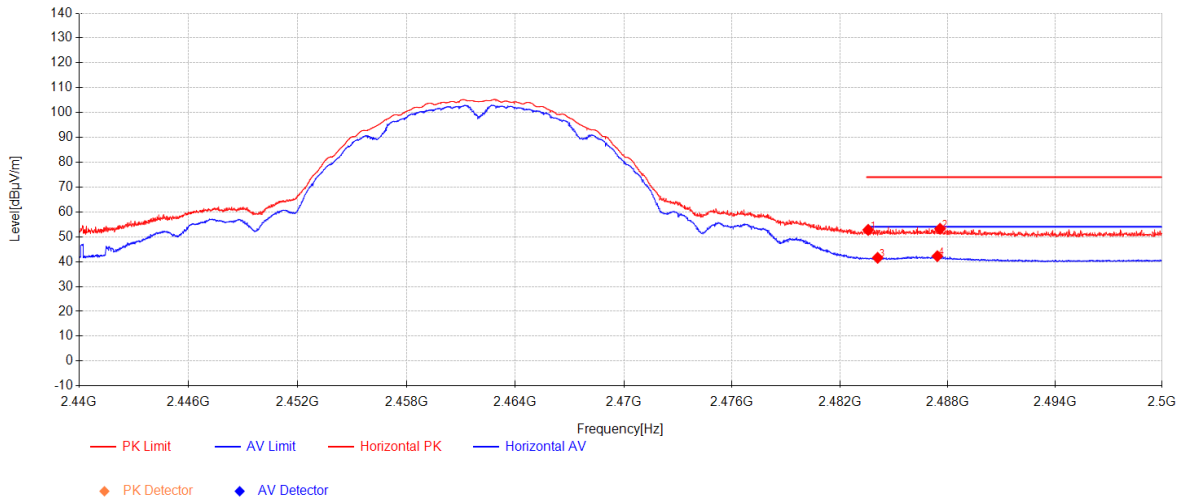

Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.575	48.89	27.87	-23.96	52.80	74.00	21.20	163	155	Horizontal
2	2487.58	49.30	27.88	-23.94	53.24	74.00	20.76	163	155	Horizontal
3	2484.1	37.64	27.87	-23.95	41.55	54.00	12.45	163	155	Horizontal
4	2487.43	38.26	27.87	-23.94	42.20	54.00	11.80	163	155	Horizontal

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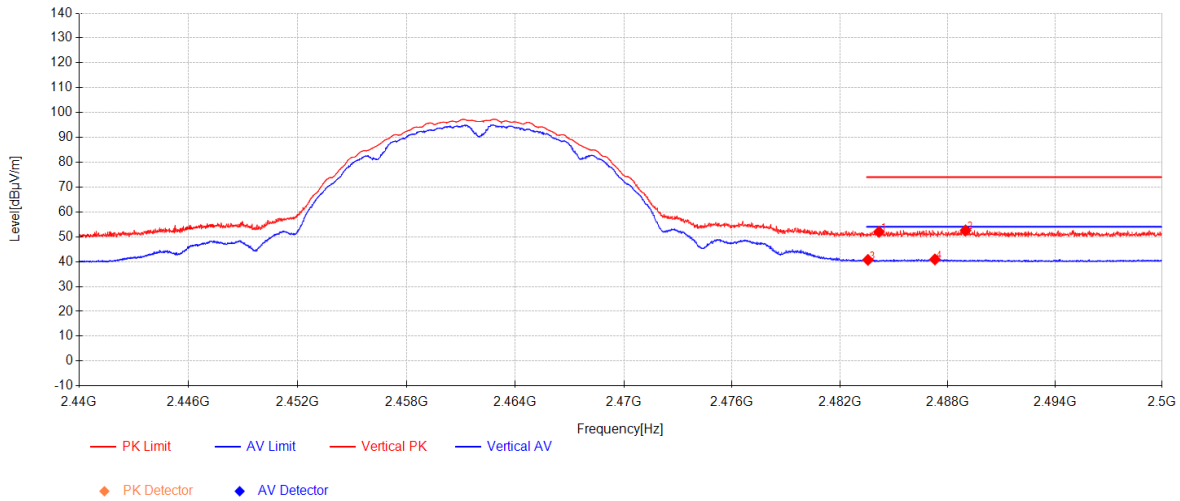

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1	2484.175	48.09	27.87	-23.95	52.00	74.00	22.00	296	84	Vertical
2	2489.005	48.64	27.88	-23.93	52.59	74.00	21.41	296	84	Vertical
3	2483.56	36.81	27.87	-23.96	40.72	54.00	13.28	296	84	Vertical
4	2487.295	36.95	27.87	-23.94	40.89	54.00	13.11	296	84	Vertical

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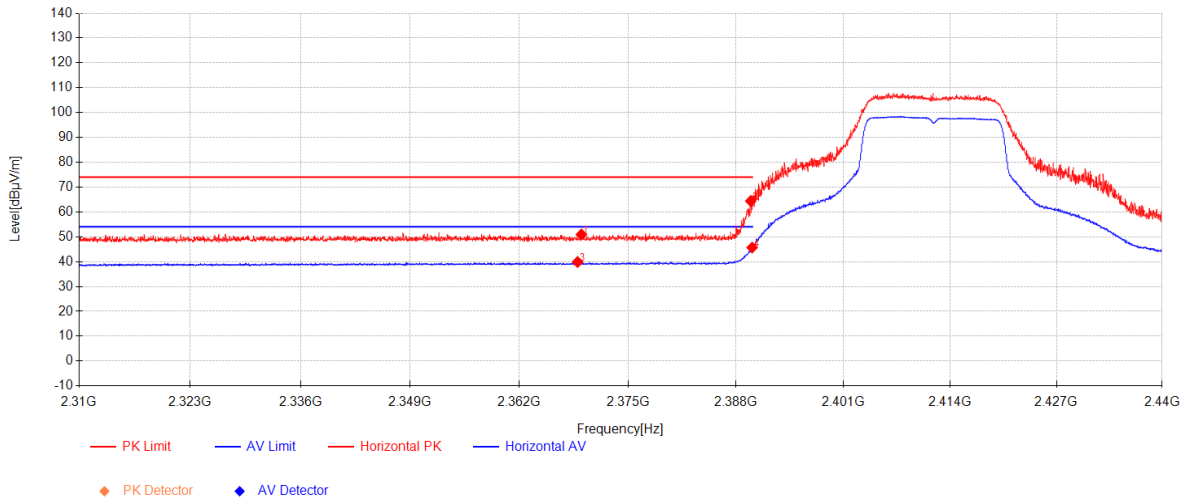

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1	2369.41	47.76	27.64	-24.47	50.93	74.00	23.07	178	2	Horizontal
2	2389.7875	61.15	27.68	-24.42	64.41	74.00	9.59	178	2	Horizontal
3	2368.955	36.69	27.64	-24.47	39.86	54.00	14.14	178	2	Horizontal
4	2389.95	42.42	27.68	-24.42	45.68	54.00	8.32	178	2	Horizontal

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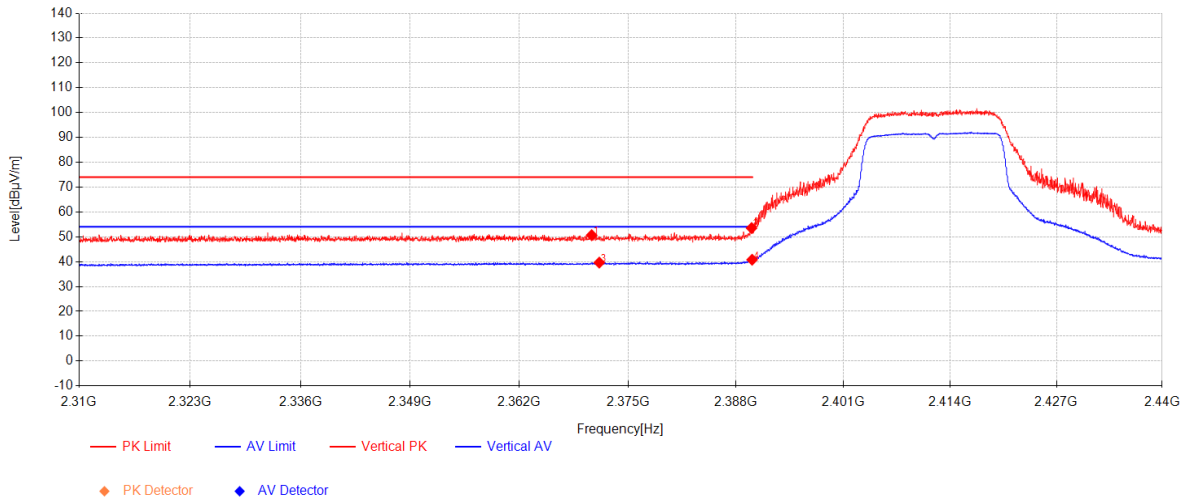

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1	2370.645	47.48	27.64	-24.46	50.66	74.00	23.34	256	262	Vertical
2	2389.885	50.26	27.68	-24.42	53.52	74.00	20.48	256	262	Vertical
3	2371.555	36.44	27.64	-24.46	39.62	54.00	14.38	256	262	Vertical
4	2389.95	37.53	27.68	-24.42	40.79	54.00	13.21	256	262	Vertical

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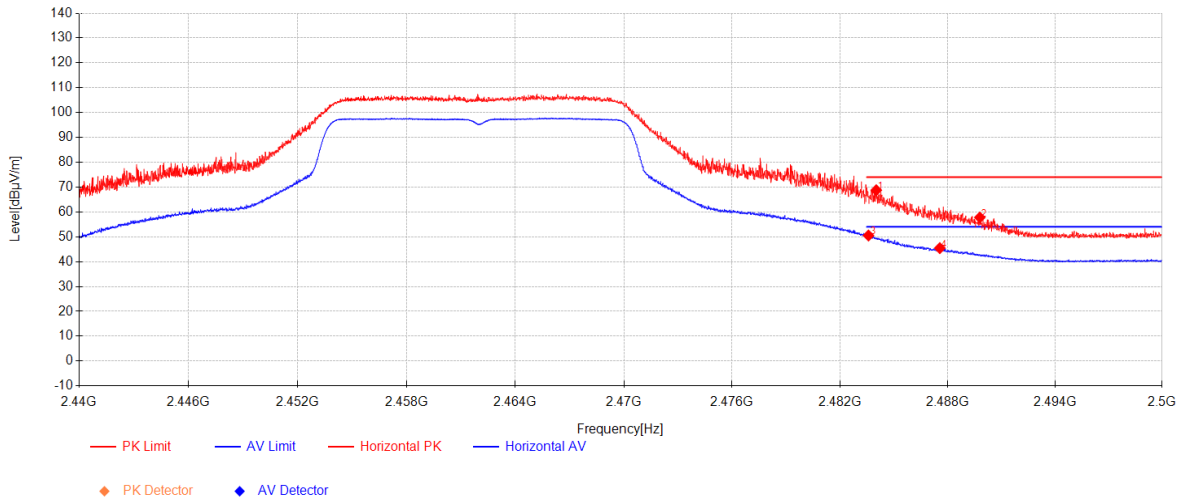

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1	2484.025	64.86	27.87	-23.95	68.77	74.00	5.23	194	3	Horizontal
2	2489.8	53.84	27.88	-23.92	57.80	74.00	16.20	194	3	Horizontal
3	2483.59	46.62	27.87	-23.96	50.53	54.00	3.47	194	3	Horizontal
4	2487.565	41.51	27.88	-23.94	45.45	54.00	8.55	194	3	Horizontal

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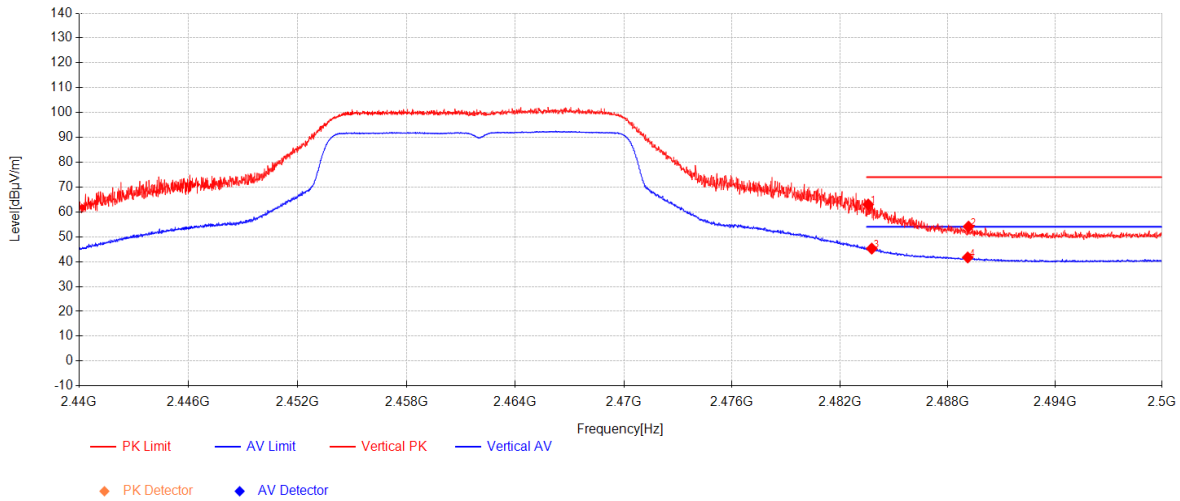

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1	2483.575	59.10	27.87	-23.96	63.01	74.00	10.99	253	262	Vertical
2	2489.17	50.14	27.88	-23.93	54.09	74.00	19.91	253	262	Vertical
3	2483.77	41.35	27.87	-23.96	45.26	54.00	8.74	253	262	Vertical
4	2489.125	37.74	27.88	-23.93	41.69	54.00	12.31	253	262	Vertical

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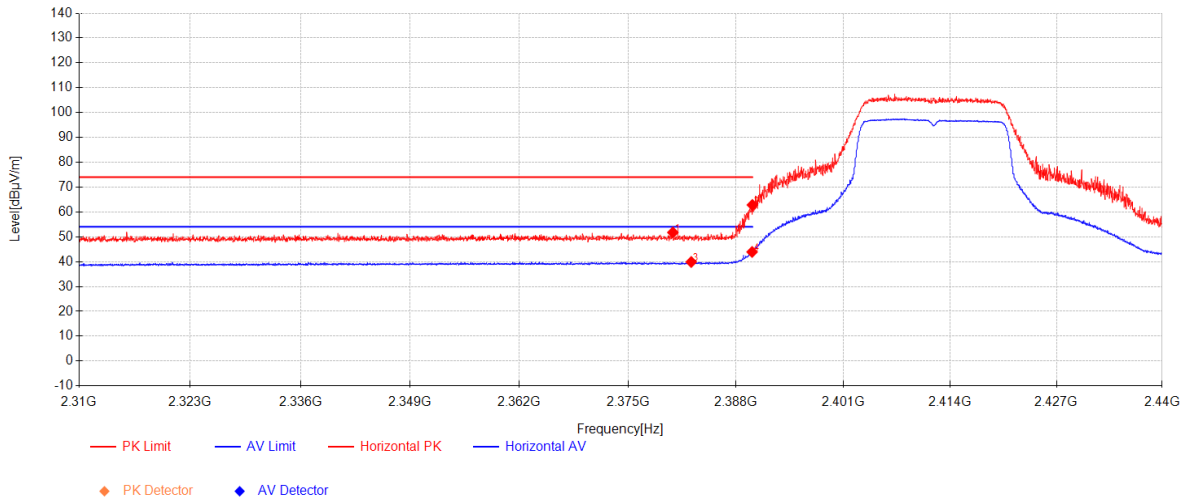

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1	2380.395	48.54	27.66	-24.44	51.76	74.00	22.24	259	3	Horizontal
2	2389.9825	59.56	27.68	-24.42	62.82	74.00	11.18	259	3	Horizontal
3	2382.605	36.64	27.67	-24.44	39.87	54.00	14.13	259	3	Horizontal
4	2389.95	40.65	27.68	-24.42	43.91	54.00	10.09	259	3	Horizontal

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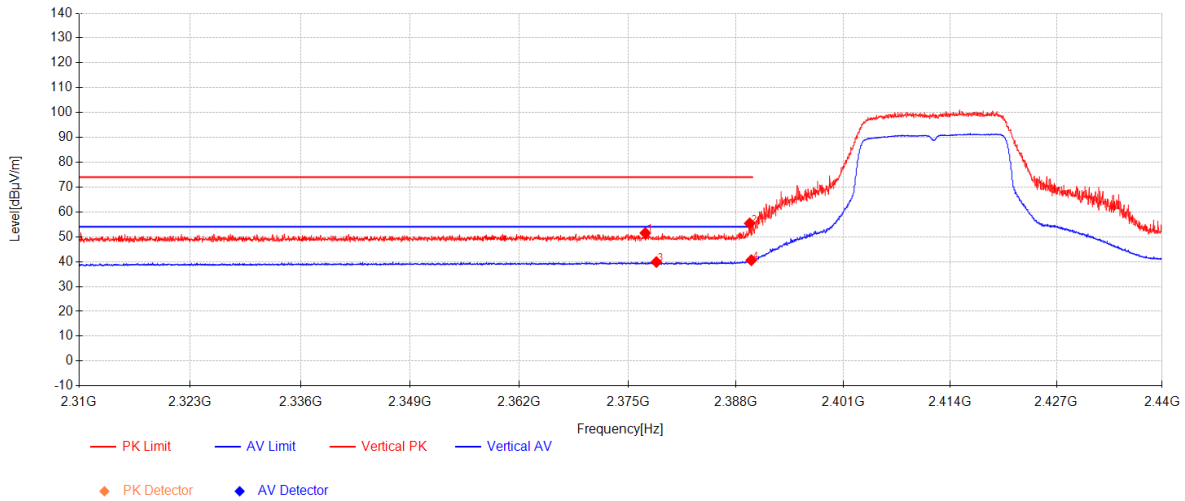

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1	2377.08	48.31	27.65	-24.45	51.51	74.00	22.49	258	263	Vertical
2	2389.6575	52.16	27.68	-24.42	55.42	74.00	18.58	258	263	Vertical
3	2378.4125	36.65	27.66	-24.45	39.86	54.00	14.14	258	263	Vertical
4	2389.8525	37.33	27.68	-24.42	40.59	54.00	13.41	258	263	Vertical

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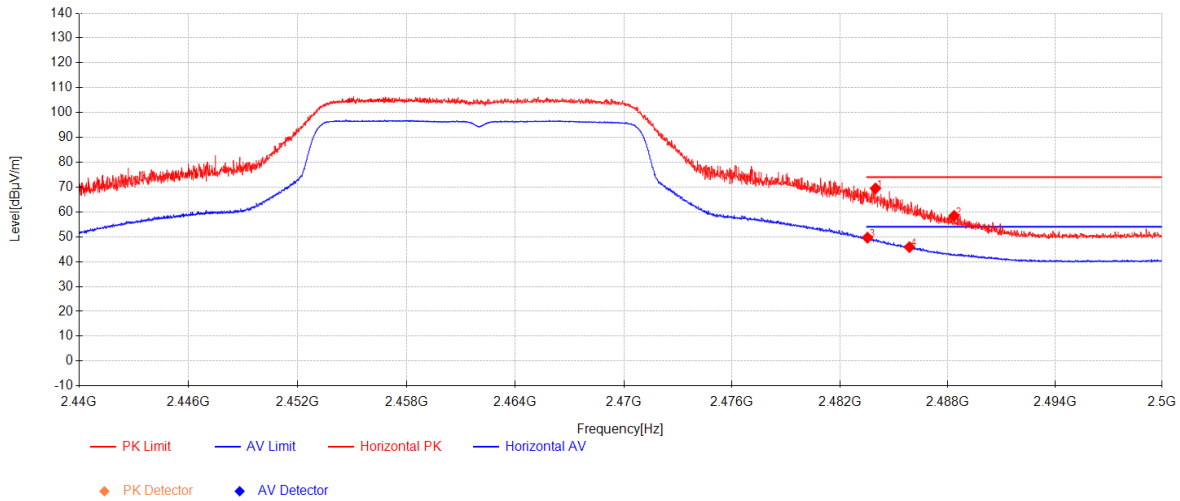

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1	2483.98	65.56	27.87	-23.95	69.47	74.00	4.53	252	2	Horizontal
2	2488.36	54.46	27.88	-23.93	58.41	74.00	15.59	252	2	Horizontal
3	2483.53	45.73	27.87	-23.96	49.64	54.00	4.36	252	2	Horizontal
4	2485.87	41.93	27.87	-23.94	45.86	54.00	8.14	252	2	Horizontal

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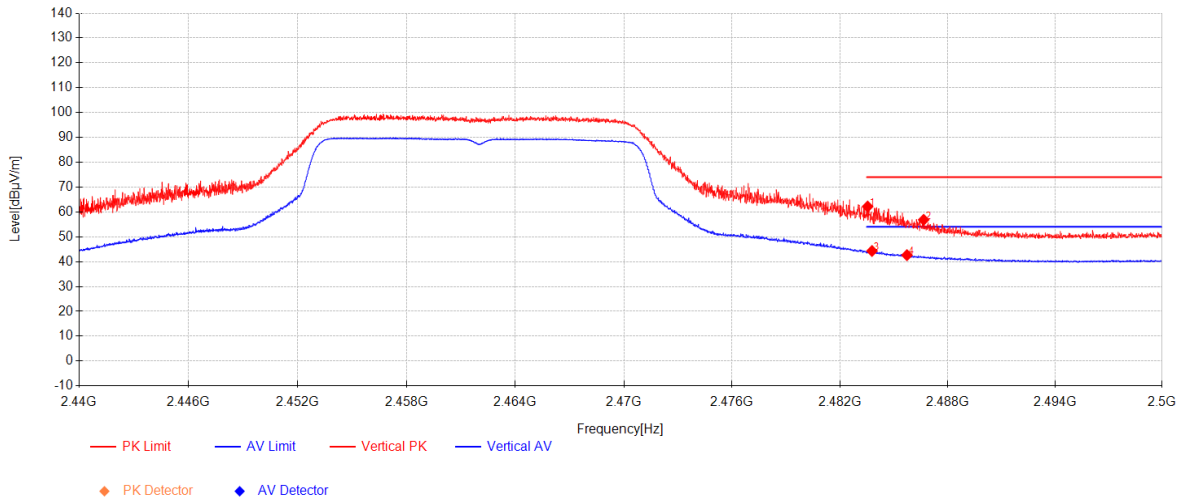
802.11n20_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.545	58.27	27.87	-23.96	62.18	74.00	11.82	274	98	Vertical
2	2486.665	52.91	27.87	-23.94	56.84	74.00	17.16	274	98	Vertical
3	2483.785	40.39	27.87	-23.96	44.30	54.00	9.70	274	98	Vertical
4	2485.735	38.69	27.87	-23.95	42.62	54.00	11.38	274	98	Vertical

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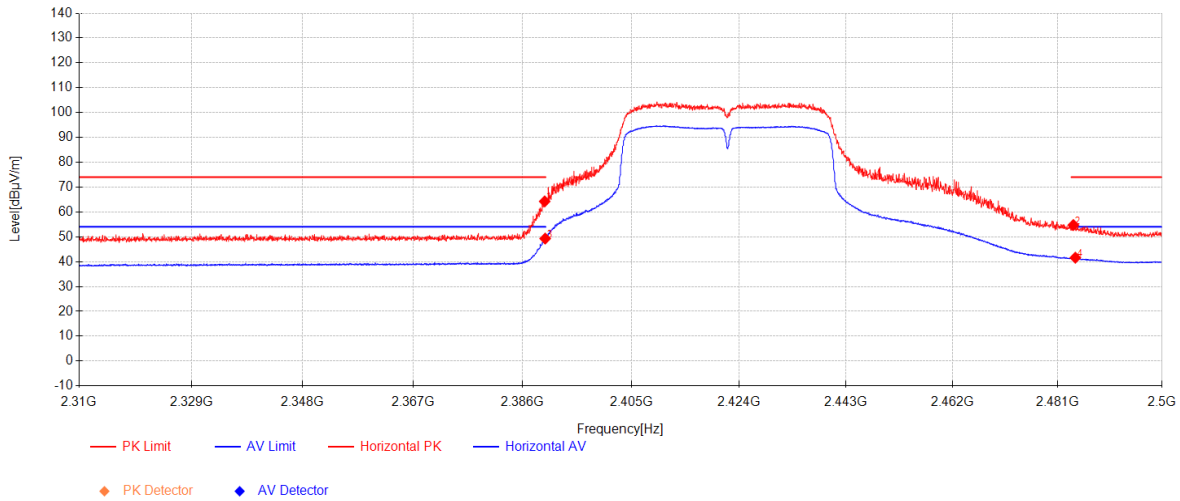
802.11n40_Channel 03



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	2389.8466	60.99	27.68	-24.42	64.25	74.00	9.75	257	63	Horizontal
2	2483.86	50.84	27.87	-23.96	54.75	74.00	19.25	257	63	Horizontal
3	2389.9333	46.03	27.68	-24.42	49.29	54.00	4.71	257	63	Horizontal
4	2484.22	37.68	27.87	-23.95	41.59	54.00	12.41	257	63	Horizontal

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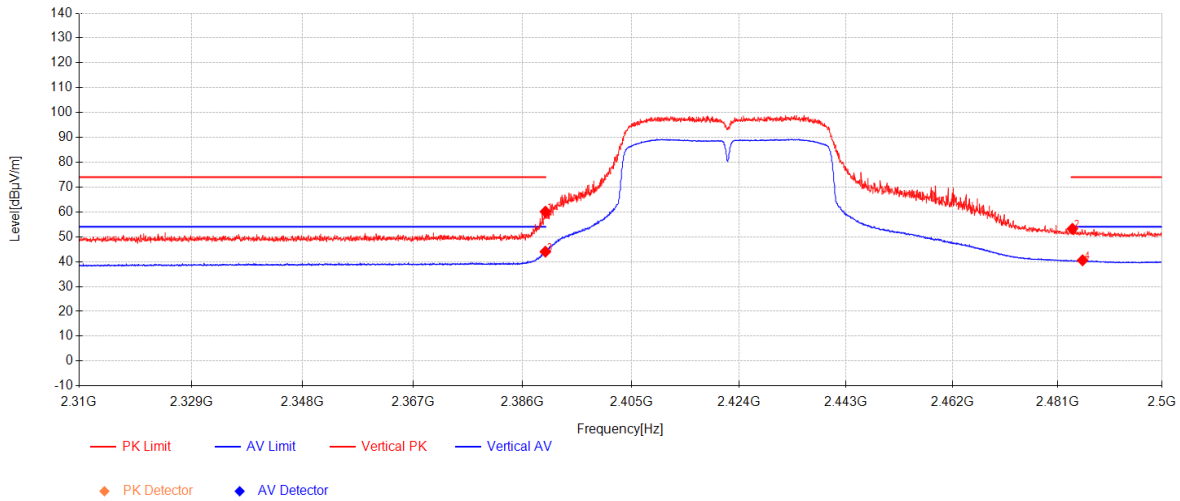
802.11n40_Channel 03



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	2389.9767	56.87	27.68	-24.42	60.13	74.00	13.87	261	263	Vertical
2	2483.68	49.32	27.87	-23.96	53.23	74.00	20.77	261	263	Vertical
3	2389.9767	40.76	27.68	-24.42	44.02	54.00	9.98	261	263	Vertical
4	2485.54	36.63	27.87	-23.95	40.55	54.00	13.45	261	263	Vertical

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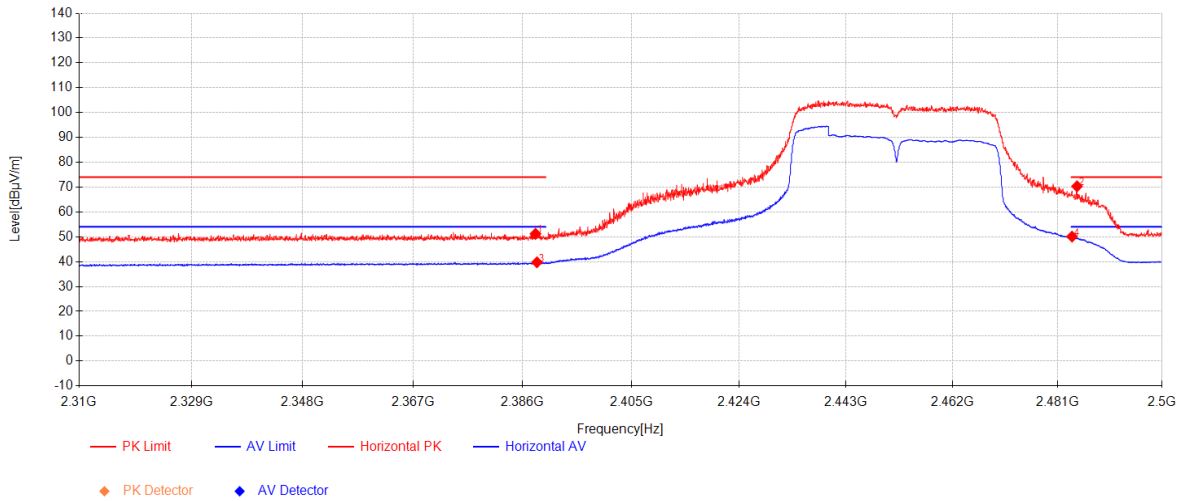
802.11n40_Channel 09



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	2388.2427	47.96	27.68	-24.43	51.21	74.00	22.79	206	3	Horizontal
2	2484.52	66.41	27.87	-23.95	70.33	74.00	3.67	206	3	Horizontal
3	2388.5028	36.50	27.68	-24.43	39.75	54.00	14.25	206	3	Horizontal
4	2483.62	46.18	27.87	-23.96	50.09	54.00	3.91	206	3	Horizontal

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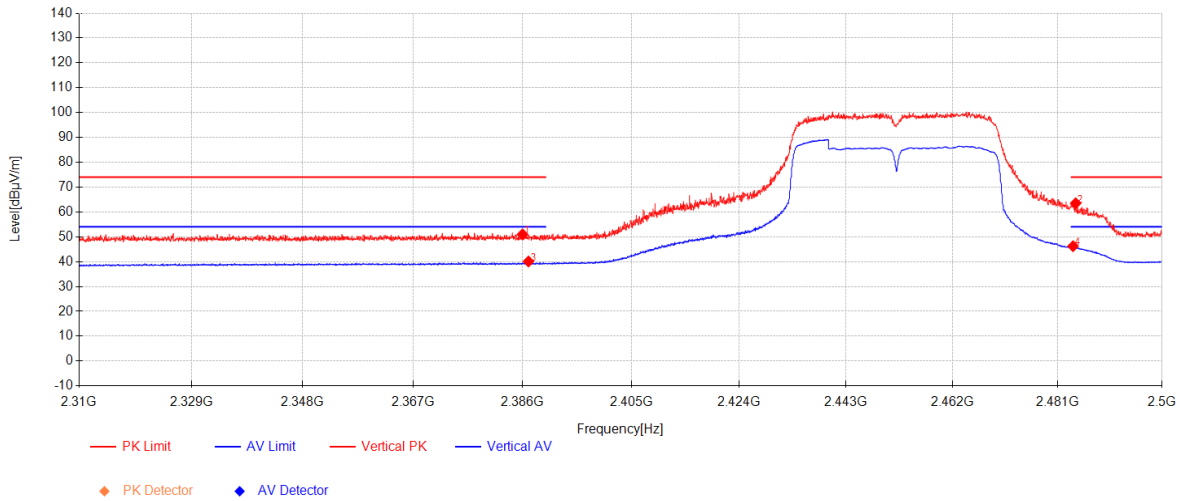

Data List										
NO.	Frequency [MHz]	Reading [dBμV]	AF [dB/m]	Factor [dB]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.9887	47.74	27.67	-24.43	50.98	74.00	23.02	252	265	Vertical
2	2484.28	59.59	27.87	-23.95	63.51	74.00	10.49	252	265	Vertical
3	2387.029	36.83	27.67	-24.43	40.08	54.00	13.92	252	265	Vertical
4	2483.8	42.31	27.87	-23.96	46.22	54.00	7.78	252	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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