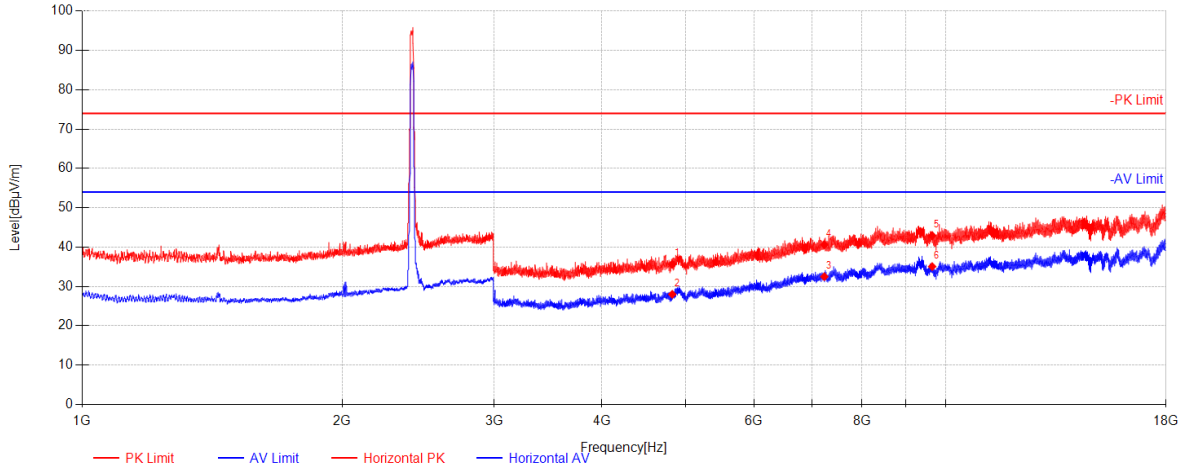


802.11g\_Channel 01



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	4824.0000	48.78	32.39	-45.54	35.63	74.00	38.37	189	220	Horizontal
2	4824.0000	41.16	32.39	-45.54	28.01	54.00	25.99	145	276	Horizontal
3	7236.0000	39.45	36.58	-43.54	32.49	54.00	21.51	175	163	Horizontal
4	7236.0000	47.59	36.58	-43.54	40.63	74.00	33.37	136	138	Horizontal
5	9648.0000	44.10	38.39	-39.56	42.93	74.00	31.07	251	1	Horizontal
6	9648.0000	36.23	38.39	-39.56	35.06	54.00	18.94	146	276	Horizontal



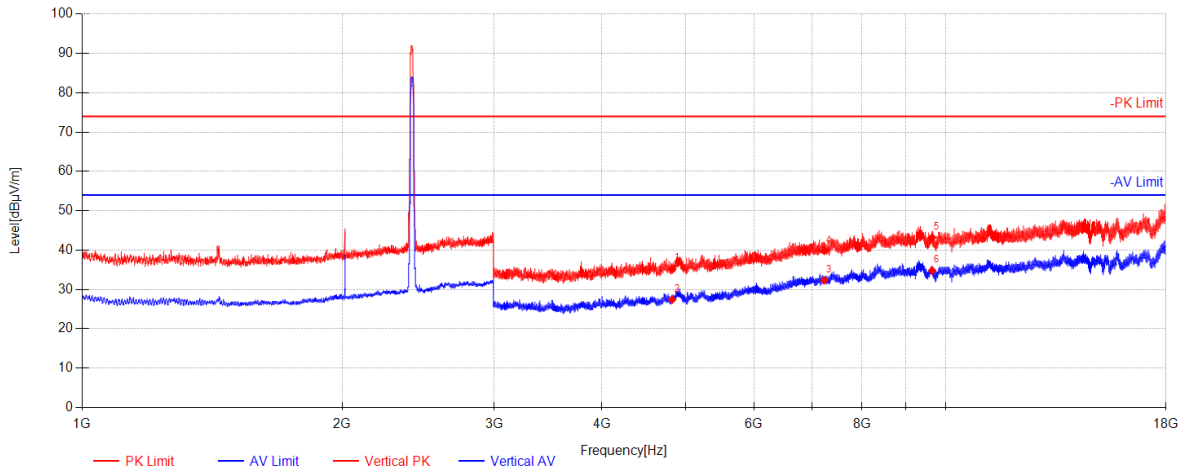
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802.11g\_Channel 01



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	4824.0000	48.28	32.39	-45.54	35.13	74.00	38.87	211	109	Vertical
2	4824.0000	40.57	32.39	-45.54	27.42	54.00	26.58	198	53	Vertical
3	7236.0000	39.29	36.58	-43.54	32.33	54.00	21.67	146	305	Vertical
4	7236.0000	46.79	36.58	-43.54	39.83	74.00	34.17	203	334	Vertical
5	9648.0000	44.37	38.39	-39.56	43.20	74.00	30.80	228	194	Vertical
6	9648.0000	35.99	38.39	-39.56	34.82	54.00	19.18	170	0	Vertical



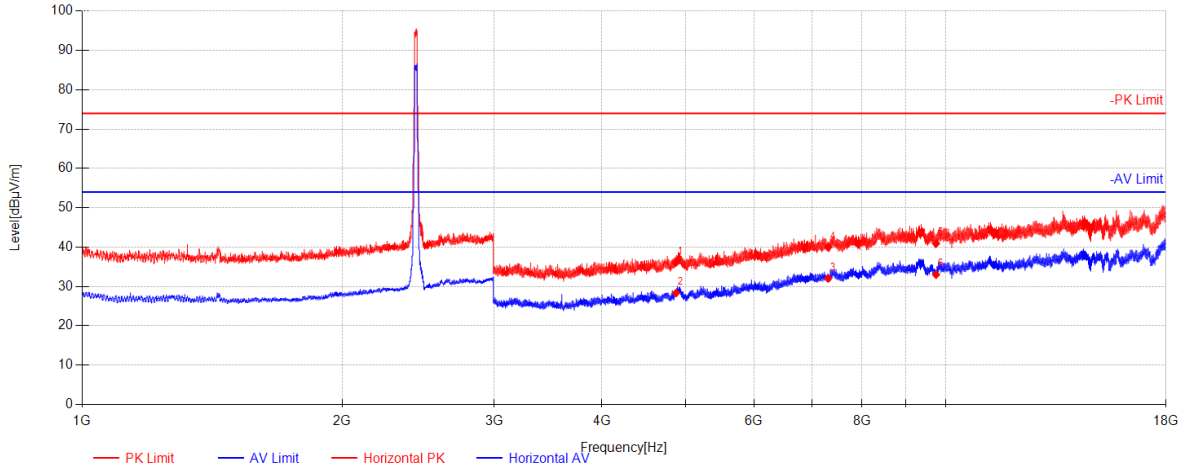
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	49.13	32.53	-45.53	36.12	74.00	37.88	279	222	Horizontal
2	4874.0000	41.34	32.53	-45.53	28.33	54.00	25.67	281	356	Horizontal
3	7311.0000	39.21	36.54	-43.71	32.04	54.00	21.96	140	108	Horizontal
4	7311.0000	47.20	36.54	-43.71	40.03	74.00	33.97	156	249	Horizontal
5	9748.0000	42.09	38.28	-39.46	40.91	74.00	33.09	146	26	Horizontal
6	9748.0000	34.19	38.28	-39.46	33.01	54.00	20.99	166	0	Horizontal



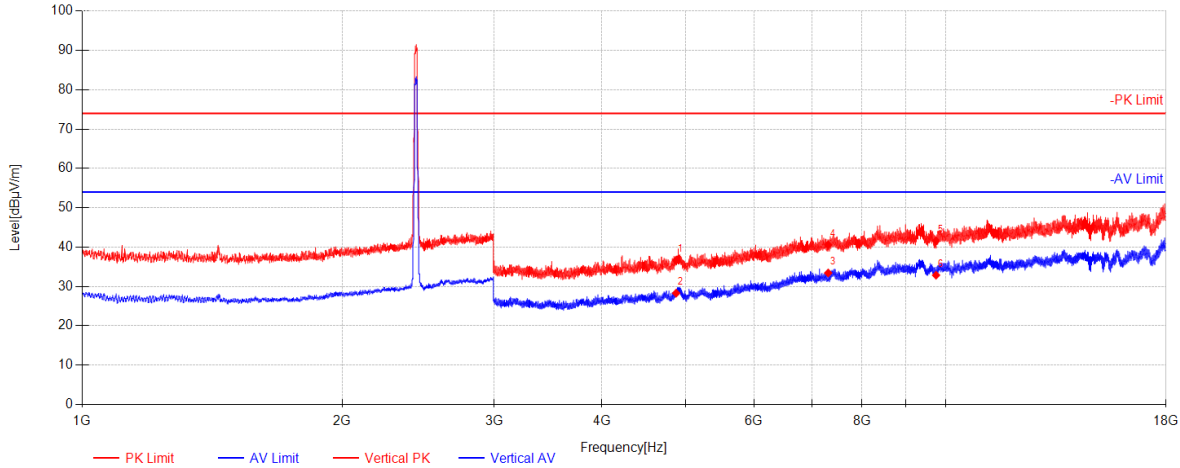
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	49.66	32.53	-45.53	36.65	74.00	37.35	222	331	Vertical
2	4874.0000	41.30	32.53	-45.53	28.29	54.00	25.71	159	275	Vertical
3	7311.0000	40.60	36.54	-43.71	33.43	54.00	20.57	163	1	Vertical
4	7311.0000	47.75	36.54	-43.71	40.58	74.00	33.42	187	6	Vertical
5	9748.0000	42.76	38.28	-39.46	41.58	74.00	32.42	148	332	Vertical
6	9748.0000	34.04	38.28	-39.46	32.86	54.00	21.14	288	275	Vertical

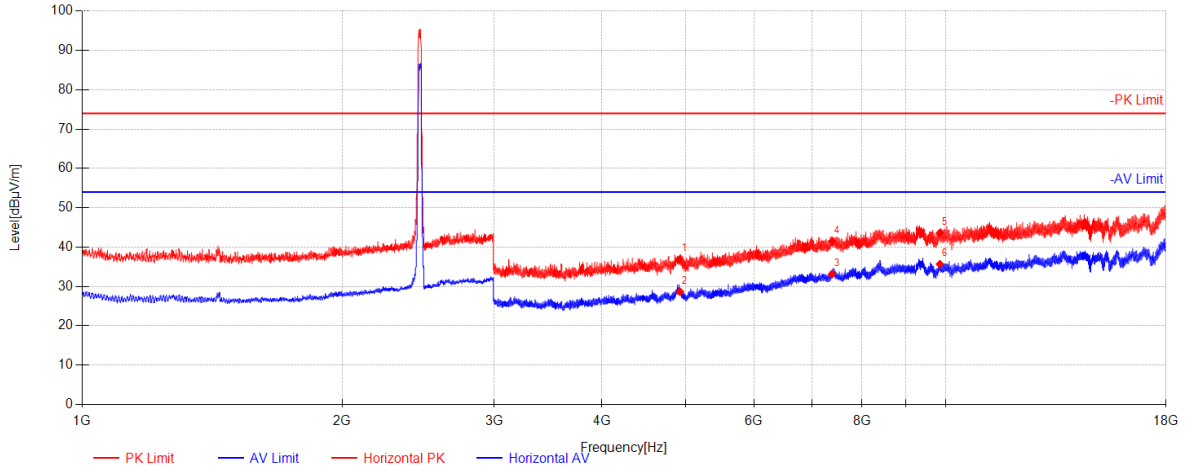


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802.11g\_Channel 11



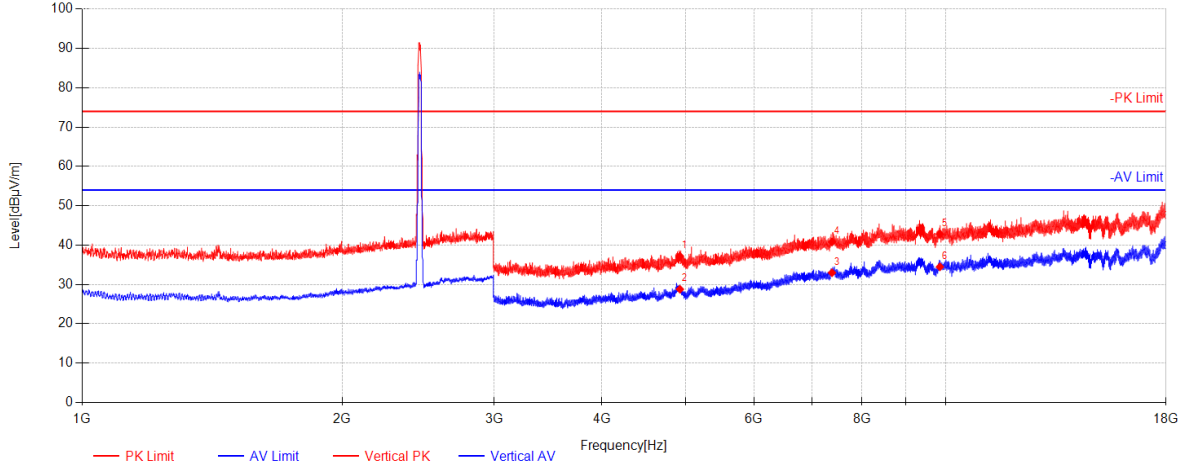
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	49.76	32.67	-45.56	36.87	74.00	37.13	254	139	Horizontal
2	4924.0000	41.54	32.67	-45.56	28.65	54.00	25.35	174	7	Horizontal
3	7386.0000	40.10	36.50	-43.46	33.14	54.00	20.86	158	0	Horizontal
4	7386.0000	48.39	36.50	-43.46	41.43	74.00	32.57	165	135	Horizontal
5	9848.0000	44.70	38.28	-39.41	43.58	74.00	30.42	195	7	Horizontal
6	9848.0000	36.78	38.28	-39.41	35.66	54.00	18.34	190	54	Horizontal



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802.11g\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	50.07	32.67	-45.56	37.18	74.00	36.82	254	6	Vertical
2	4924.0000	41.67	32.67	-45.56	28.78	54.00	25.22	157	249	Vertical
3	7386.0000	39.94	36.50	-43.46	32.98	54.00	21.02	142	331	Vertical
4	7386.0000	47.75	36.50	-43.46	40.79	74.00	33.21	169	7	Vertical
5	9848.0000	43.92	38.28	-39.41	42.80	74.00	31.20	198	25	Vertical
6	9848.0000	35.60	38.28	-39.41	34.48	54.00	19.52	135	356	Vertical

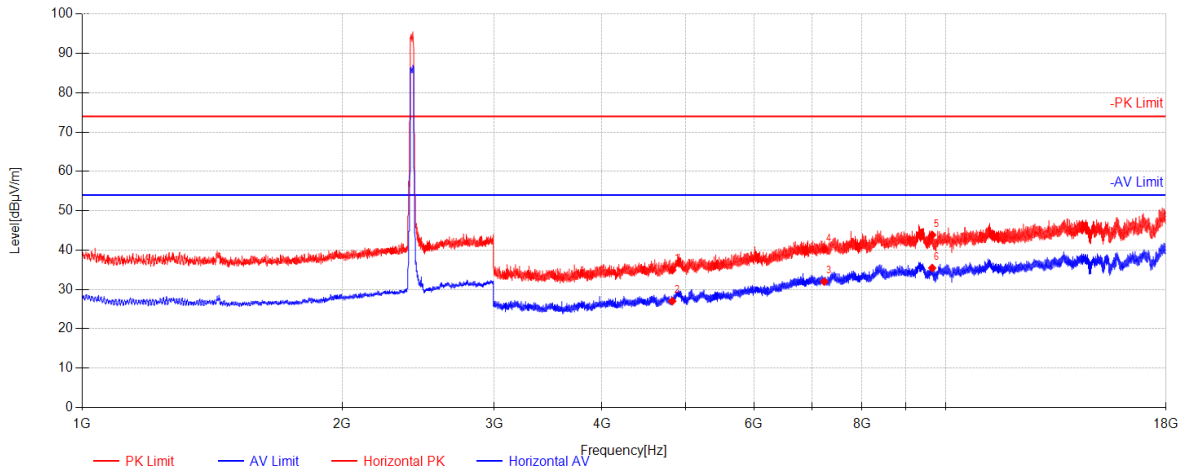


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802.11n20\_Channel 01



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	4824.0000	48.07	32.39	-45.54	34.92	74.00	39.08	247	4	Horizontal
2	4824.0000	40.17	32.39	-45.54	27.02	54.00	26.98	165	354	Horizontal
3	7236.0000	38.95	36.58	-43.54	31.99	54.00	22.01	198	226	Horizontal
4	7236.0000	47.20	36.58	-43.54	40.24	74.00	33.76	153	359	Horizontal
5	9648.0000	45.01	38.39	-39.56	43.84	74.00	30.16	126	224	Horizontal
6	9648.0000	36.62	38.39	-39.56	35.45	54.00	18.55	185	4	Horizontal

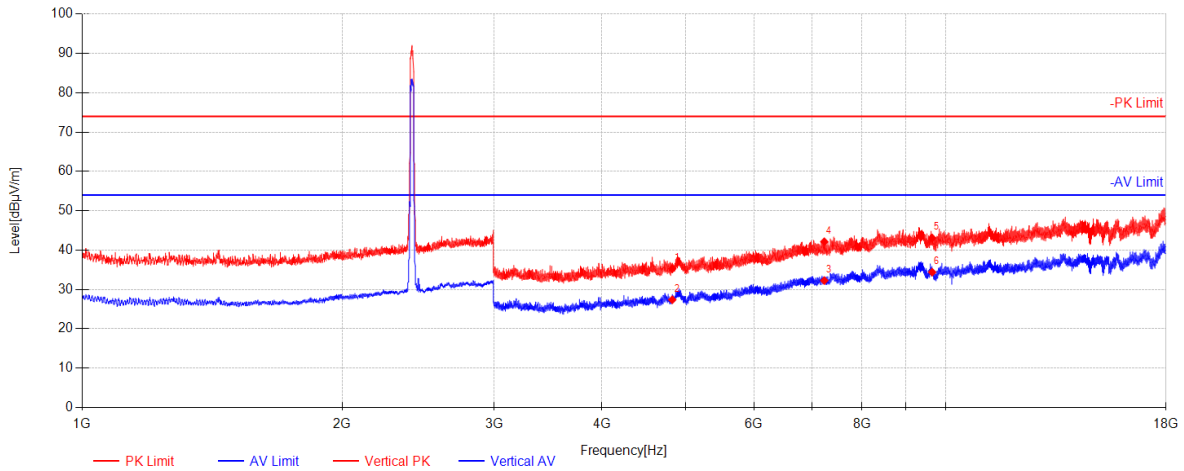


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	48.41	32.39	-45.54	35.26	74.00	38.74	159	114	Vertical
2	4824.0000	40.53	32.39	-45.54	27.38	54.00	26.62	315	254	Vertical
3	7236.0000	39.22	36.58	-43.54	32.26	54.00	21.74	229	359	Vertical
4	7236.0000	49.09	36.58	-43.54	42.13	74.00	31.87	198	195	Vertical
5	9648.0000	44.24	38.39	-39.56	43.07	74.00	30.93	174	359	Vertical
6	9648.0000	35.56	38.39	-39.56	34.39	54.00	19.61	163	111	Vertical



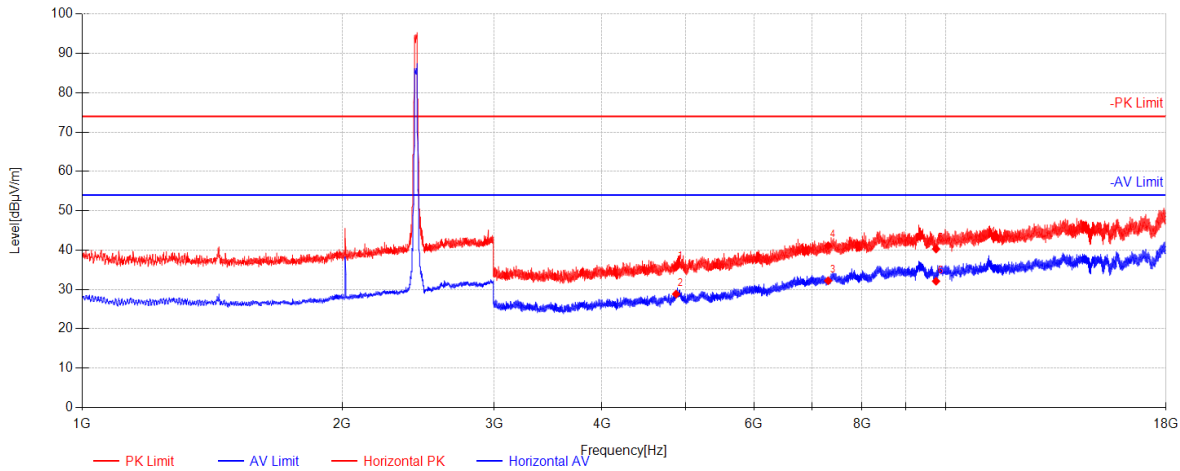
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Data List										
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1	4874.0000	48.73	32.53	-45.53	35.72	74.00	38.28	248	29	Horizontal
2	4874.0000	41.83	32.53	-45.53	28.82	54.00	25.18	291	28	Horizontal
3	7311.0000	39.39	36.54	-43.71	32.22	54.00	21.78	158	82	Horizontal
4	7311.0000	48.30	36.54	-43.71	41.13	74.00	32.87	175	310	Horizontal
5	9748.0000	41.46	38.28	-39.46	40.28	74.00	33.72	146	282	Horizontal
6	9748.0000	33.28	38.28	-39.46	32.10	54.00	21.90	172	4	Horizontal

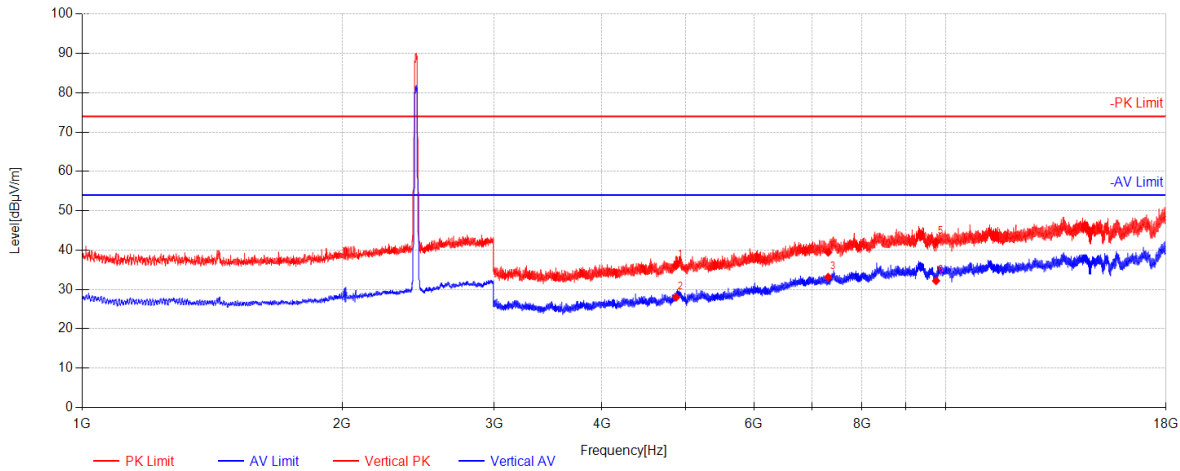


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4874.0000	49.06	32.53	-45.53	36.05	74.00	37.95	245	84	Vertical
2	4874.0000	41.04	32.53	-45.53	28.03	54.00	25.97	291	280	Vertical
3	7311.0000	40.29	36.54	-43.71	33.12	54.00	20.88	199	305	Vertical
4	7311.0000	46.61	36.54	-43.71	39.44	74.00	34.56	163	279	Vertical
5	9748.0000	43.28	38.28	-39.46	42.10	74.00	31.90	256	55	Vertical
6	9748.0000	33.37	38.28	-39.46	32.19	54.00	21.81	175	168	Vertical

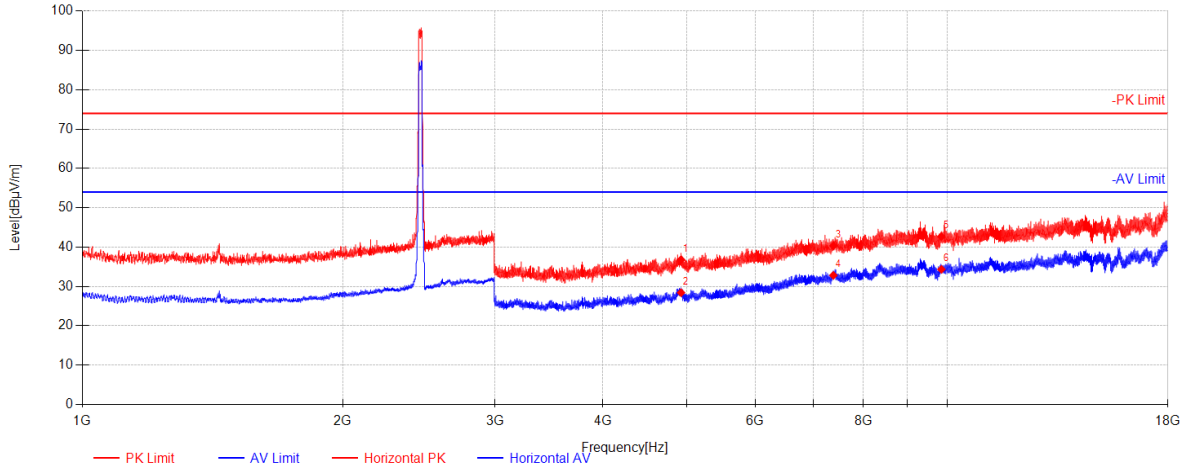


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802.11n20\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4924.0000	49.70	32.67	-45.56	36.81	74.00	37.19	169	248	Horizontal
2	4924.0000	41.31	32.67	-45.56	28.42	54.00	25.58	184	28	Horizontal
3	7386.0000	47.30	36.50	-43.46	40.34	74.00	33.66	153	224	Horizontal
4	7386.0000	39.78	36.50	-43.46	32.82	54.00	21.18	175	54	Horizontal
5	9848.0000	43.78	38.28	-39.41	42.66	74.00	31.34	251	28	Horizontal
6	9848.0000	35.46	38.28	-39.41	34.34	54.00	19.66	199	335	Horizontal

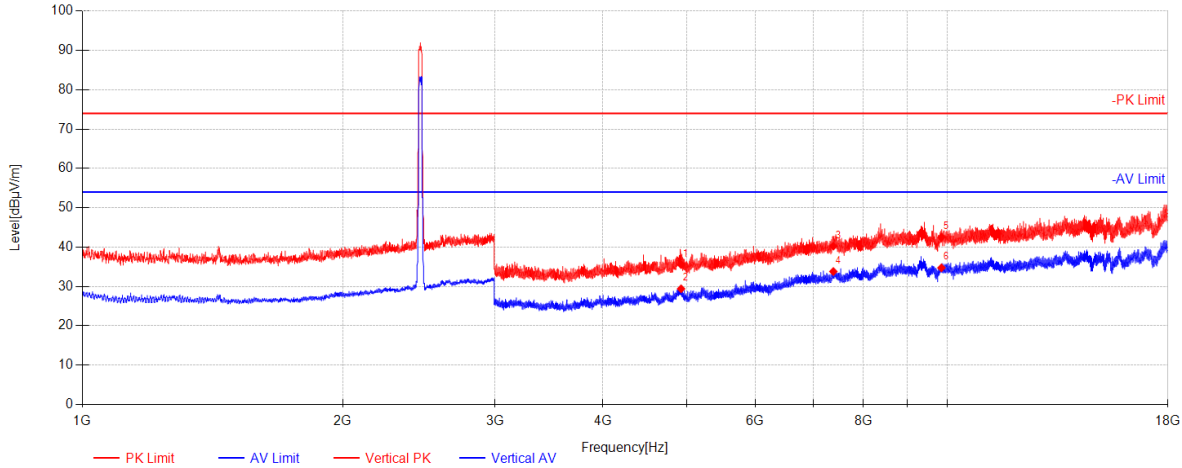


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802.11n20\_Channel 11



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	4924.0000	48.43	32.67	-45.56	35.54	74.00	38.46	198	167	Vertical
2	4924.0000	42.30	32.67	-45.56	29.41	54.00	24.59	136	110	Vertical
3	7386.0000	47.21	36.50	-43.46	40.25	74.00	33.75	155	145	Vertical
4	7386.0000	40.76	36.50	-43.46	33.80	54.00	20.20	255	359	Vertical
5	9848.0000	43.64	38.28	-39.41	42.52	74.00	31.48	142	250	Vertical
6	9848.0000	35.86	38.28	-39.41	34.74	54.00	19.26	191	307	Vertical



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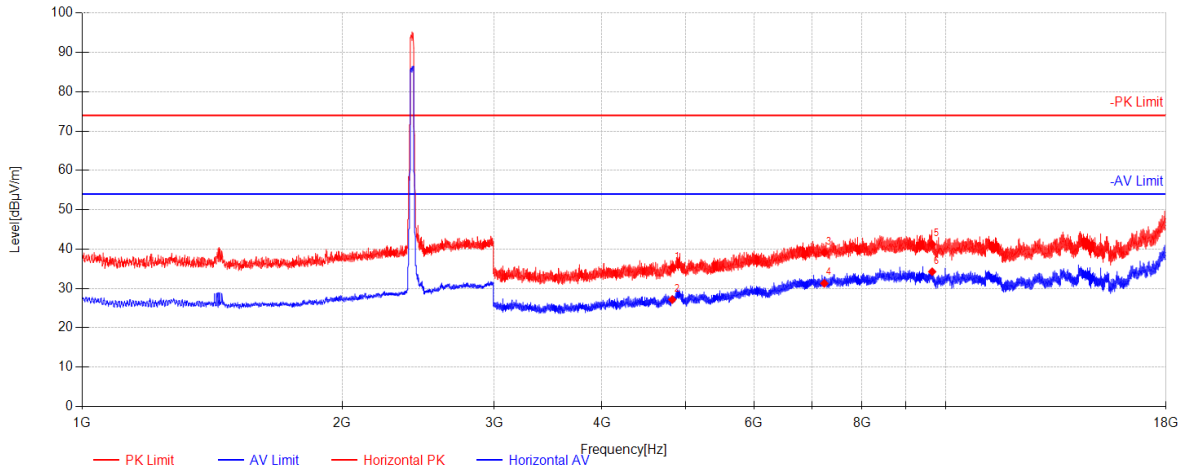
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**Test for spot check:**

For PY7-38431P(this model)data:

**Transmitter emission Above 1GHz**

**802.11n20\_Channel 01**



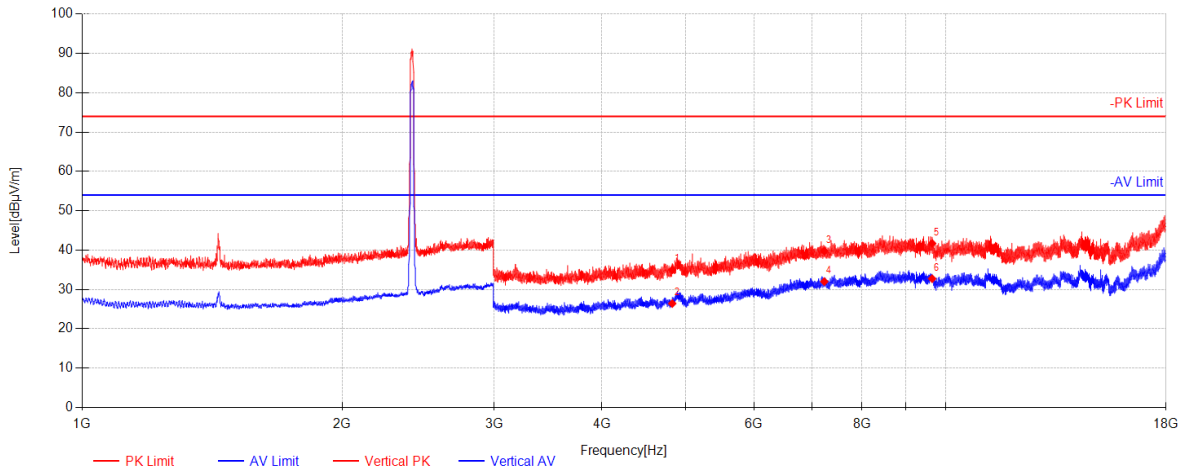
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	4824.0000	48.45	32.39	-45.54	35.30	74.00	38.70	112	359	Horizontal
2	4824.0000	40.32	32.39	-45.54	27.17	54.00	26.83	148	336	Horizontal
3	7236.0000	46.09	36.58	-43.54	39.13	74.00	34.87	153	112	Horizontal
4	7236.0000	38.24	36.58	-43.54	31.28	54.00	22.72	186	254	Horizontal
5	9648.0000	42.41	38.39	-39.56	41.24	74.00	32.76	216	196	Horizontal
6	9648.0000	35.42	38.39	-39.56	34.25	54.00	19.75	172	281	Horizontal



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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	4824.0000	48.16	32.39	-45.54	35.01	74.00	38.99	198	313	Vertical
2	4824.0000	39.57	32.39	-45.54	26.42	54.00	27.58	126	172	Vertical
3	7236.0000	46.71	36.58	-43.54	39.75	74.00	34.25	145	356	Vertical
4	7236.0000	38.96	36.58	-43.54	32.00	54.00	22.00	147	356	Vertical
5	9648.0000	42.89	38.39	-39.56	41.72	74.00	32.28	135	201	Vertical
6	9648.0000	33.90	38.39	-39.56	32.73	54.00	21.27	150	210	Vertical

Remark:

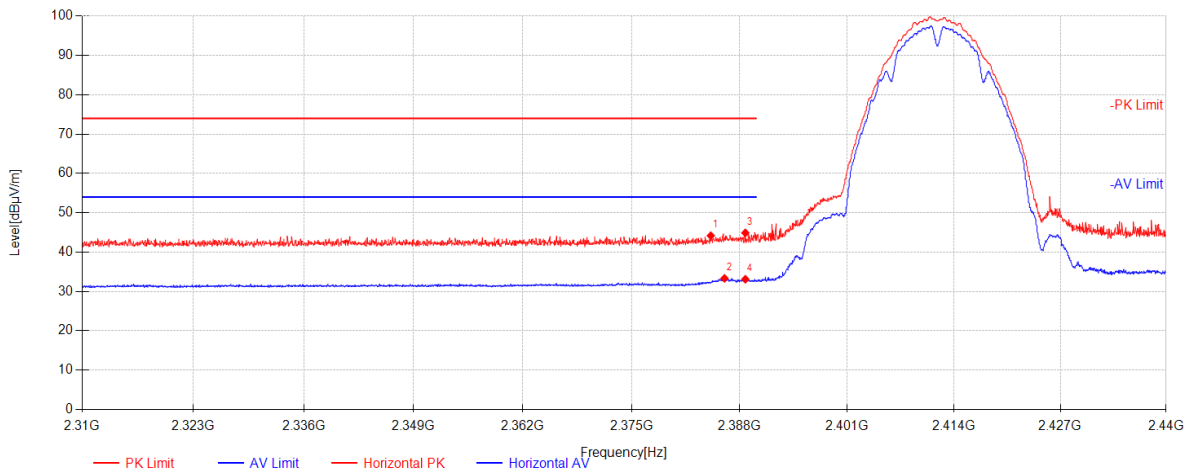
- The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier gain. The basic equation with a sample calculation is as follows:  
 Level = Reading(dBµV) + AF(dB/m) + Factor(dB):  
 AF = Antenna Factor(dB/m)  
 Factor = Cable Factor(dB) - Preamplifier gain(dB)  
 Margin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



### Restricted bands around fundamental frequency

For PY7-51629L(Lead) data:

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	2384.5333	40.31	27.43	-23.57	44.17	74.00	29.83	263	144	Horizontal
2	2386.18	29.47	27.43	-23.57	33.33	54.00	20.67	263	144	Horizontal
3	2388.6933	41.03	27.43	-23.57	44.89	74.00	29.11	263	144	Horizontal
4	2388.6933	29.24	27.43	-23.57	33.10	54.00	20.90	263	144	Horizontal



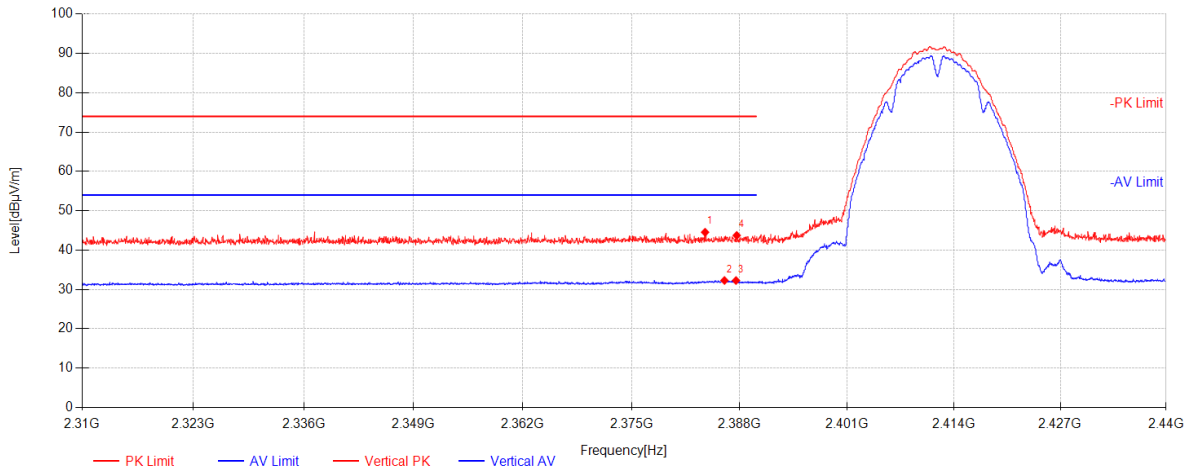
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802.11b\_Channel 01



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	2383.84	40.68	27.43	-23.57	44.54	74.00	29.46	189	76	Vertical
2	2386.18	28.42	27.43	-23.57	32.28	54.00	21.72	189	76	Vertical
3	2387.5667	28.41	27.43	-23.57	32.27	54.00	21.73	189	76	Vertical
4	2387.6533	39.87	27.43	-23.57	43.73	74.00	30.27	189	76	Vertical



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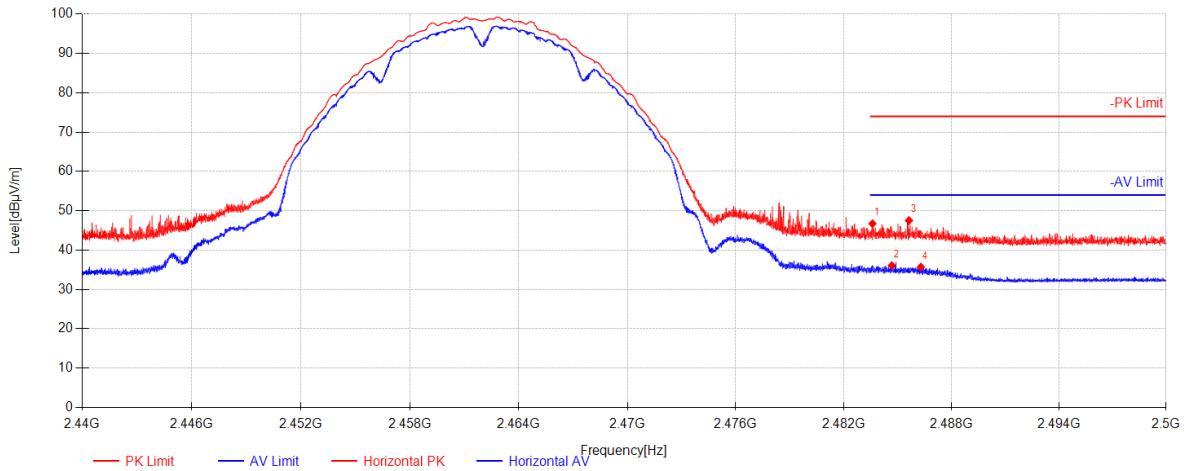
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802.11b\_Channel 11



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	2483.605	42.56	27.72	-23.54	46.73	74.00	27.27	211	249	Horizontal
2	2484.685	31.92	27.72	-23.54	36.09	54.00	17.91	211	249	Horizontal
3	2485.6375	43.35	27.72	-23.54	47.53	74.00	26.47	211	249	Horizontal
4	2486.2975	31.52	27.72	-23.54	35.70	54.00	18.30	211	249	Horizontal



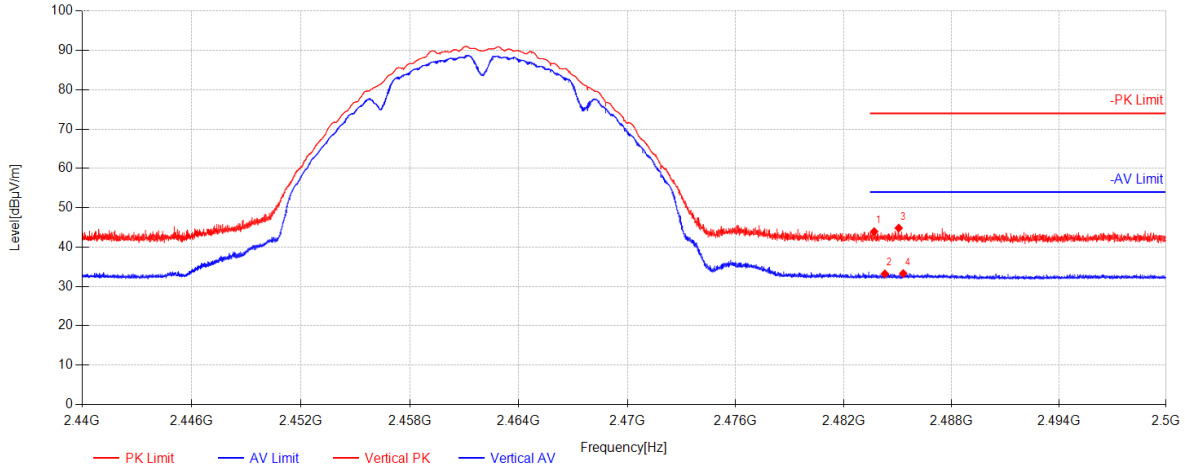
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802.11b\_Channel 11



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1	2483.7025	39.77	27.72	-23.54	43.94	74.00	30.06	153	258	Vertical
2	2484.295	29.04	27.72	-23.54	33.21	54.00	20.79	153	258	Vertical
3	2485.0675	40.66	27.72	-23.54	44.84	74.00	29.16	153	258	Vertical
4	2485.315	29.12	27.72	-23.54	33.30	54.00	20.70	153	258	Vertical



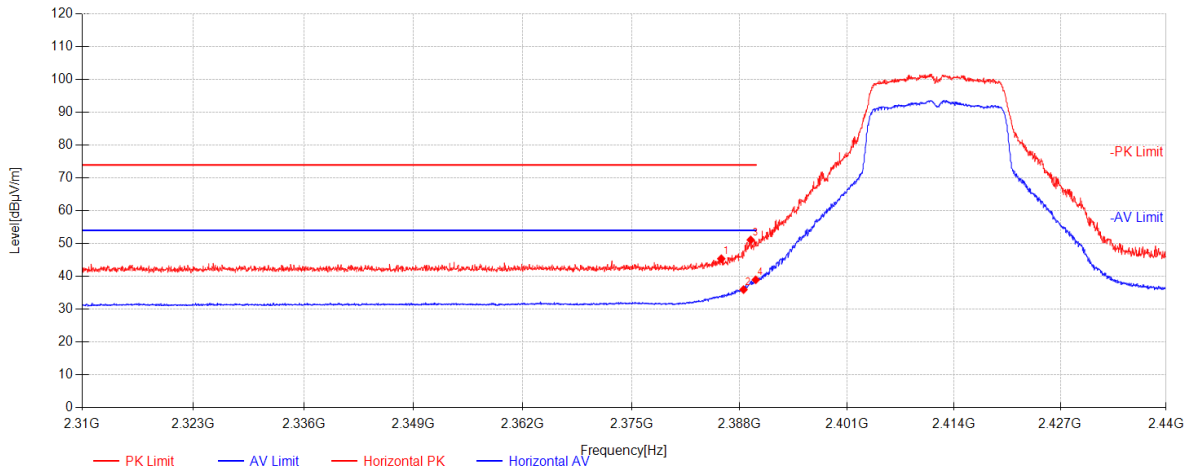
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802.11g\_Channel 01



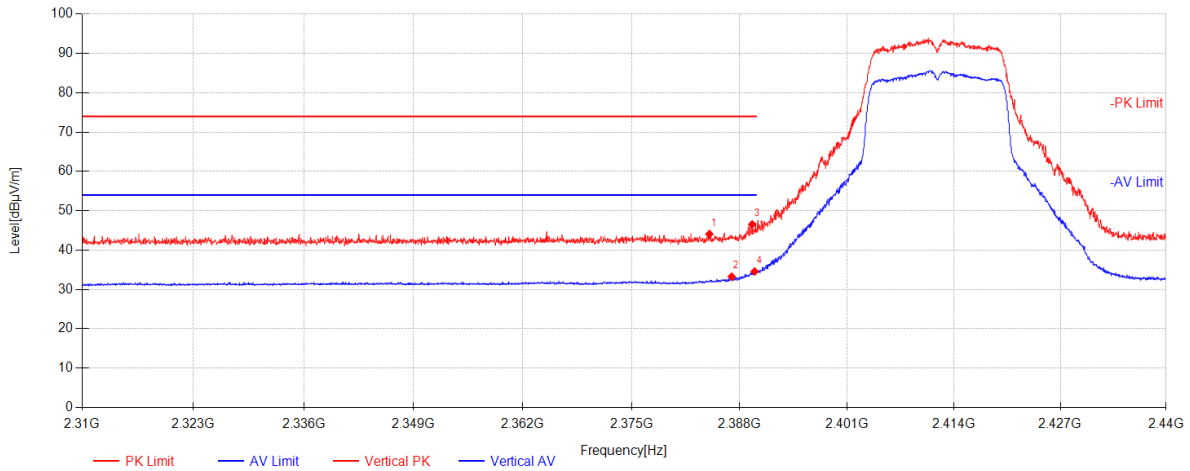
Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.79	41.51	27.43	-23.57	45.37	74.00	28.63	174	261	Horizontal
2	2388.4767	32.09	27.43	-23.57	35.95	54.00	18.05	174	261	Horizontal
3	2389.3433	47.24	27.43	-23.57	51.10	74.00	22.90	174	261	Horizontal
4	2389.95	35.08	27.43	-23.57	38.94	54.00	15.06	174	261	Horizontal



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Data List										
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1	2384.36	40.22	27.43	-23.57	44.08	74.00	29.92	178	123	Vertical
2	2387.0467	29.39	27.43	-23.57	33.25	54.00	20.75	178	123	Vertical
3	2389.5167	42.67	27.43	-23.57	46.53	74.00	27.47	178	123	Vertical
4	2389.82	30.72	27.43	-23.57	34.58	54.00	19.42	178	123	Vertical



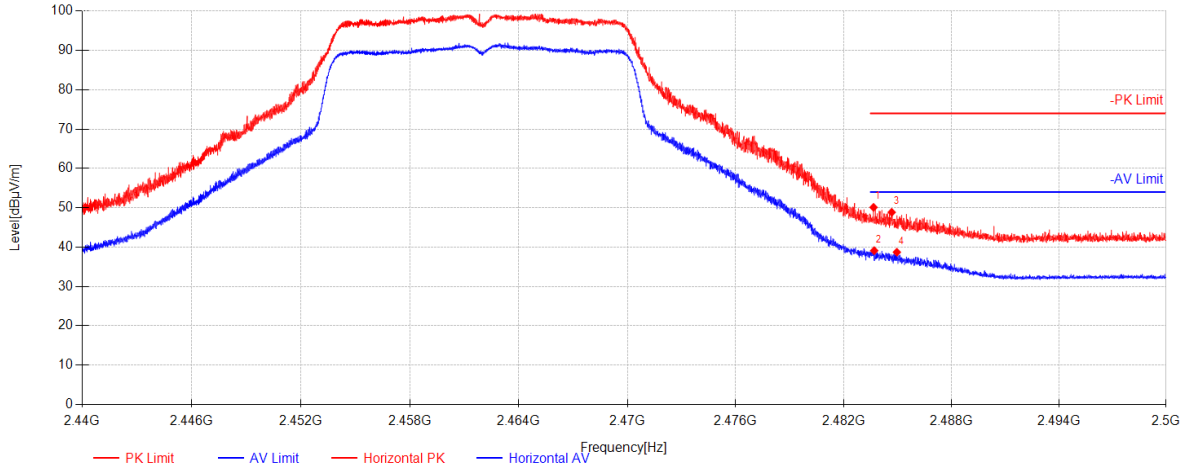
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802.11g\_Channel 11



Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.665	45.93	27.72	-23.54	50.10	74.00	23.90	278	257	Horizontal
2	2483.7025	34.93	27.72	-23.54	39.10	54.00	14.90	278	257	Horizontal
3	2484.6775	44.68	27.72	-23.54	48.85	74.00	25.15	278	257	Horizontal
4	2484.9625	34.53	27.72	-23.54	38.71	54.00	15.29	278	257	Horizontal



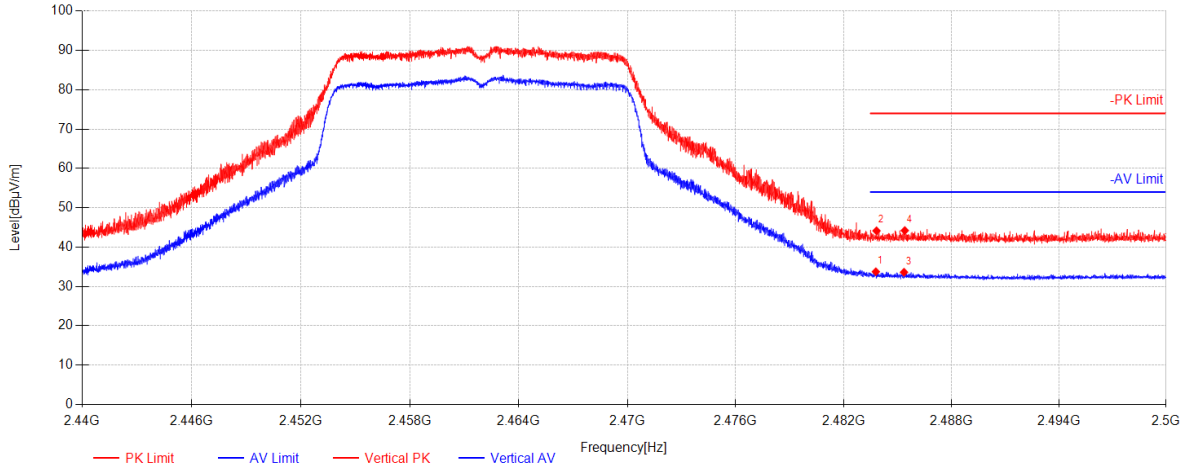
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.7925	29.58	27.72	-23.54	33.75	54.00	20.25	133	303	Vertical
2	2483.83	39.97	27.72	-23.54	44.14	74.00	29.86	133	303	Vertical
3	2485.36	29.44	27.72	-23.54	33.62	54.00	20.38	133	303	Vertical
4	2485.405	40.03	27.72	-23.54	44.21	74.00	29.79	133	303	Vertical



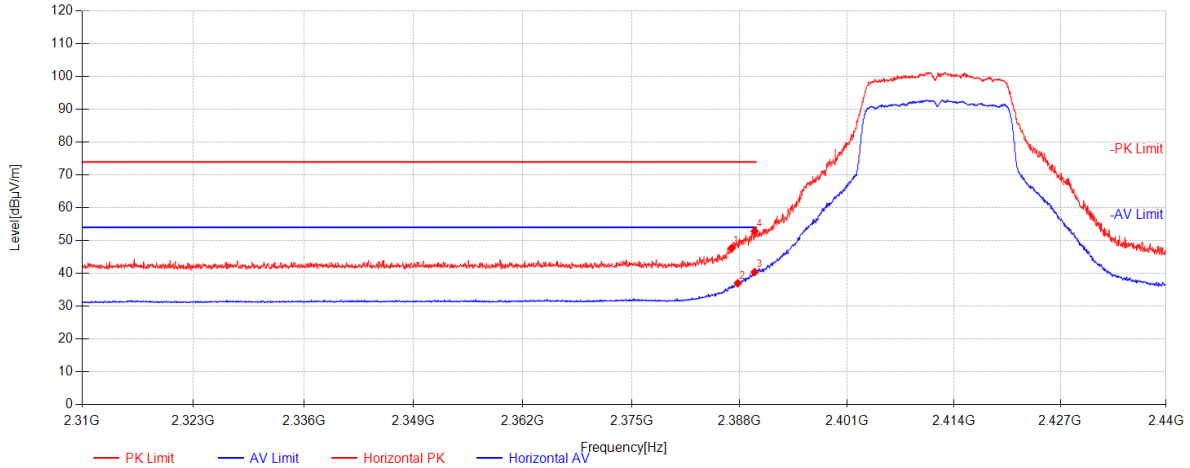
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.0467	43.82	27.43	-23.57	47.68	74.00	26.32	111	250	Horizontal
2	2387.7833	33.11	27.43	-23.57	36.97	54.00	17.03	111	250	Horizontal
3	2389.82	36.53	27.43	-23.57	40.39	54.00	13.61	111	250	Horizontal
4	2389.82	49.00	27.43	-23.57	52.86	74.00	21.14	111	250	Horizontal

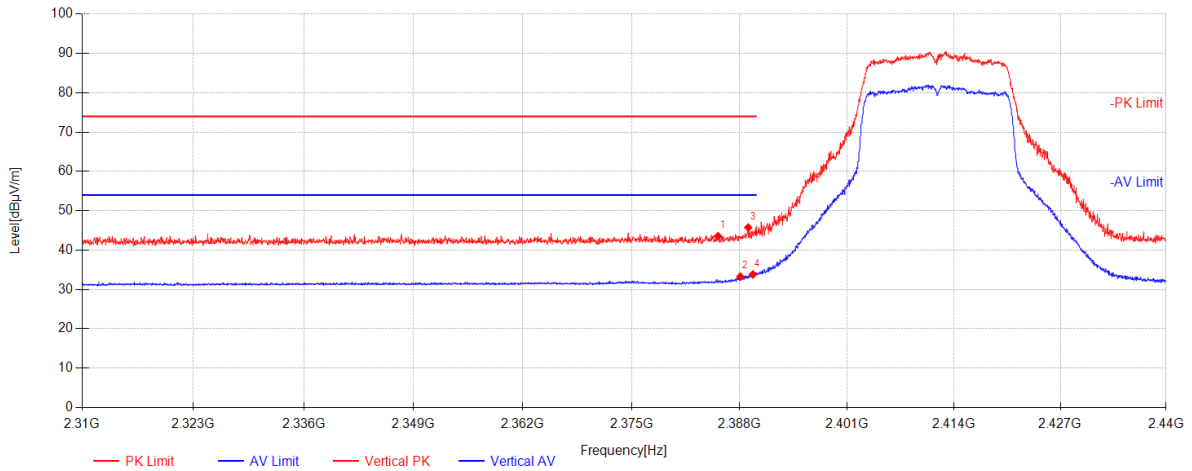


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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2385.4	39.68	27.43	-23.57	43.54	74.00	30.46	198	281	Vertical
2	2388.0867	29.39	27.43	-23.57	33.25	54.00	20.75	198	281	Vertical
3	2389.04	41.90	27.43	-23.57	45.76	74.00	28.24	198	281	Vertical
4	2389.6033	29.95	27.43	-23.57	33.81	54.00	20.19	198	281	Vertical



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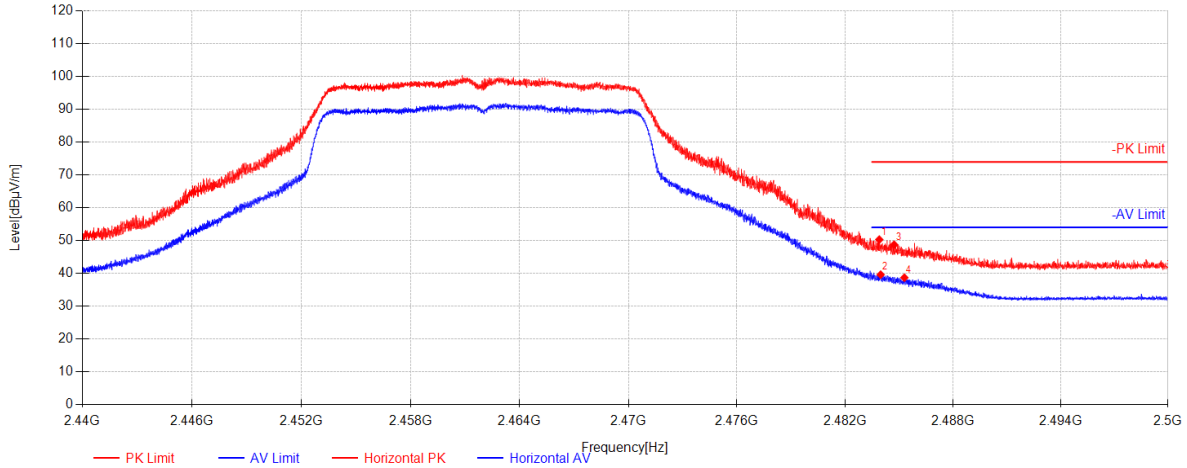
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Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2483.905	46.12	27.72	-23.54	50.29	74.00	23.71	189	260	Horizontal
2	2483.98	35.43	27.72	-23.54	39.60	54.00	14.40	189	260	Horizontal
3	2484.73	44.55	27.72	-23.54	48.73	74.00	25.27	189	260	Horizontal
4	2485.3	34.50	27.72	-23.54	38.68	54.00	15.32	189	260	Horizontal



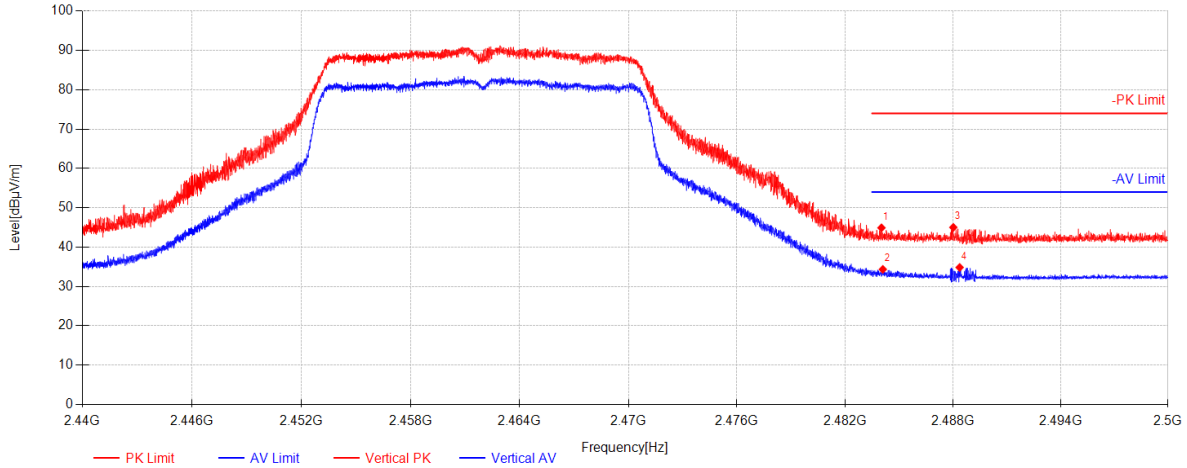
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NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2484.025	40.74	27.72	-23.54	44.91	74.00	29.09	125	290	Vertical
2	2484.1	30.17	27.72	-23.54	34.34	54.00	19.66	125	290	Vertical
3	2488.0225	40.83	27.73	-23.54	45.02	74.00	28.98	125	290	Vertical
4	2488.375	30.65	27.73	-23.54	34.84	54.00	19.16	125	290	Vertical



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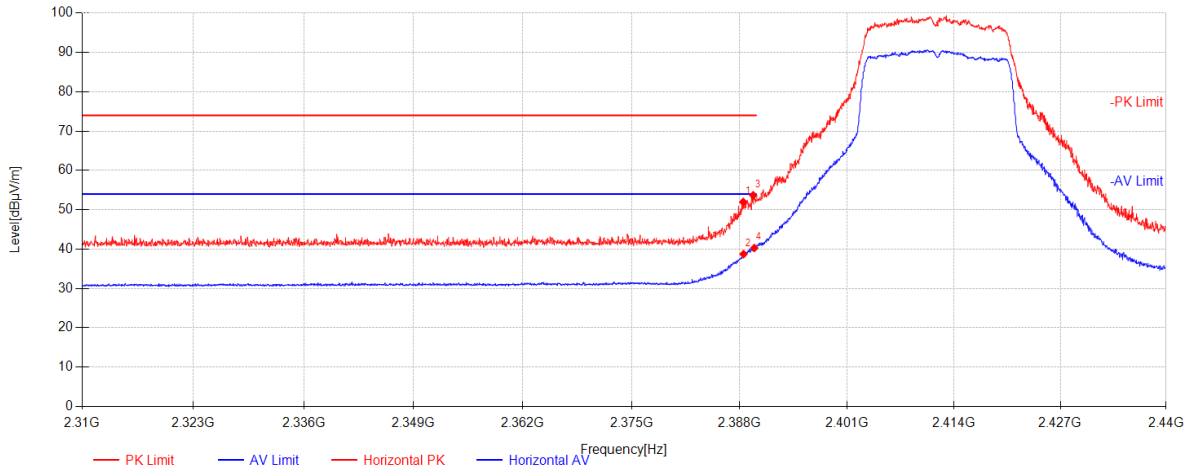
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For PY7-38431P(this model)data:

**Restricted bands around fundamental frequency**

**802.11n20\_Channel 01**

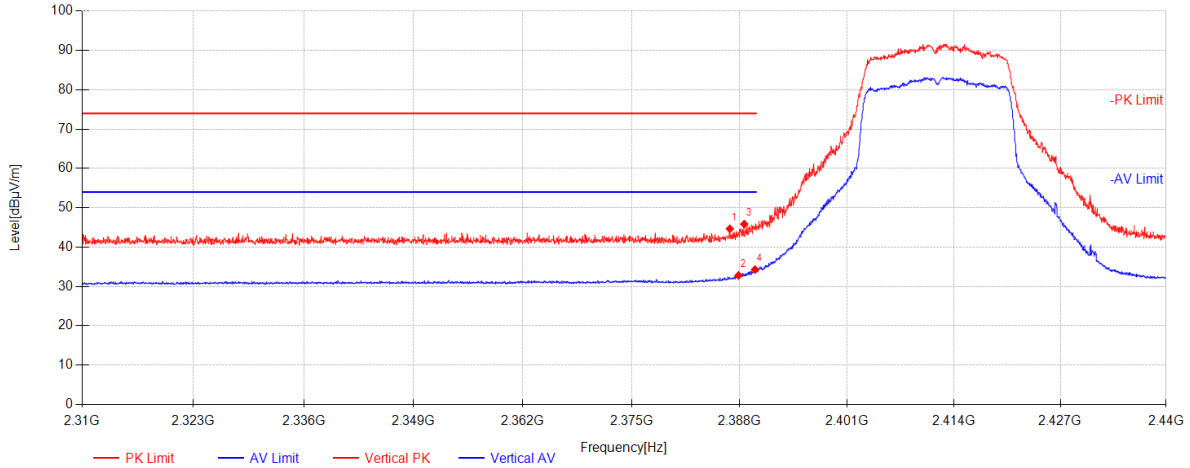


Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2388.4333	48.12	27.43	-23.57	51.98	74.00	22.02	148	55	Horizontal
2	2388.4767	34.87	27.43	-23.57	38.73	54.00	15.27	148	55	Horizontal
3	2389.6467	49.83	27.43	-23.57	53.69	74.00	20.31	148	55	Horizontal
4	2389.7767	36.42	27.43	-23.57	40.28	54.00	13.72	148	55	Horizontal



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1	2386.83	40.80	27.43	-23.57	44.66	74.00	29.34	142	298	Vertical
2	2387.87	28.93	27.43	-23.57	32.79	54.00	21.21	142	298	Vertical
3	2388.5633	41.99	27.43	-23.57	45.85	74.00	28.15	142	298	Vertical
4	2389.8633	30.42	27.43	-23.57	34.28	54.00	19.72	142	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:

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

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

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

$$\text{Margin} = \text{Limit}(\text{dB}\mu\text{V}/\text{m}) - \text{Level}(\text{dB}\mu\text{V}/\text{m})$$

---End of Report---



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