Appendix C

WiFi 2.4G
Radiated Spurious Emissions

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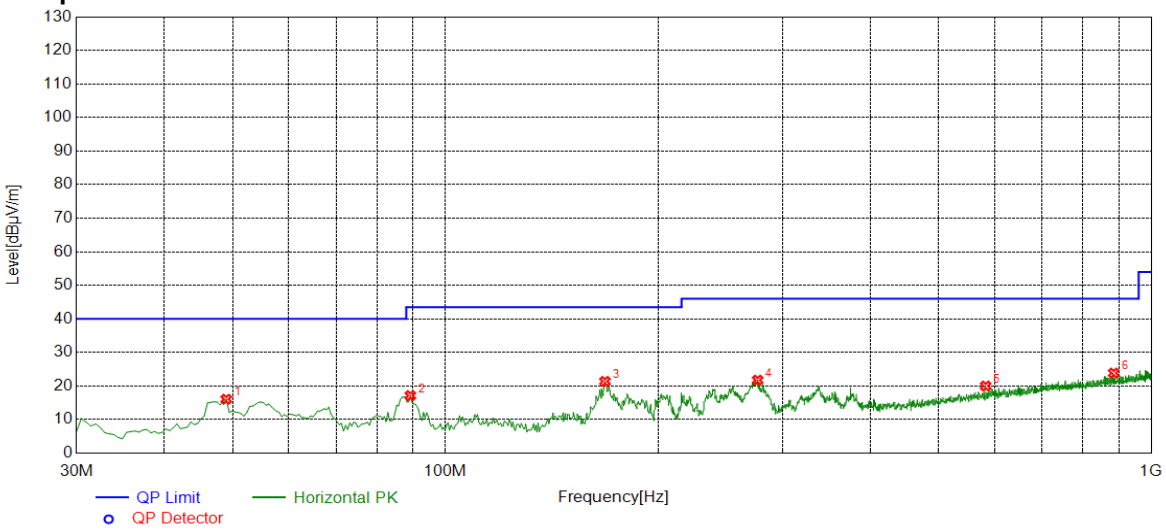
1.1 Radiated Spurious Emissions

1.1.1 Radiated emission below 1GHz

1.1.1.1 Charge + Transmitting

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	48.9245	16.09	-30.19	40.00	23.91	207	222	Horizontal
2	89.1996	17.15	-33.62	43.50	26.35	117	38	Horizontal
3	168.294	21.39	-33.73	43.50	22.11	240	296	Horizontal
4	276.988	21.77	-28.49	46.00	24.23	225	15	Horizontal
5	582.691	20.02	-20.55	46.00	25.98	176	290	Horizontal
6	884.997	23.87	-15.47	46.00	22.13	240	308	Horizontal

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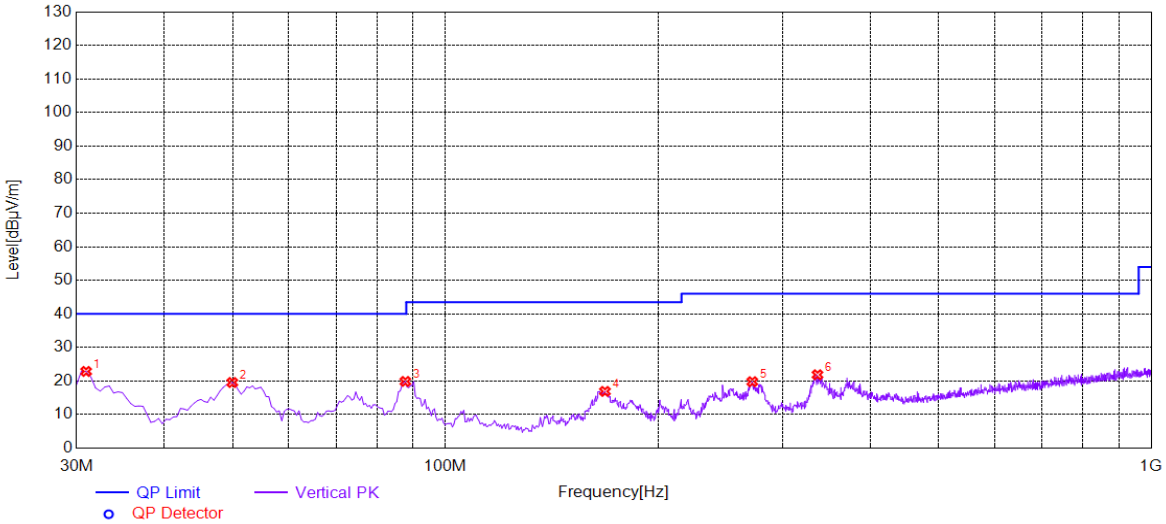
Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	30.9705	22.87	-32.82	40.00	17.13	288	231	Vertical
2	49.8949	19.57	-30.18	40.00	20.43	224	344	Vertical
3	87.7439	19.88	-33.97	40.00	20.12	200	68	Vertical
4	168.294	16.92	-33.73	43.50	26.58	268	23	Vertical
5	272.136	19.81	-28.67	46.00	26.19	248	307	Vertical
6	336.673	21.88	-26.81	46.00	24.12	278	316	Vertical

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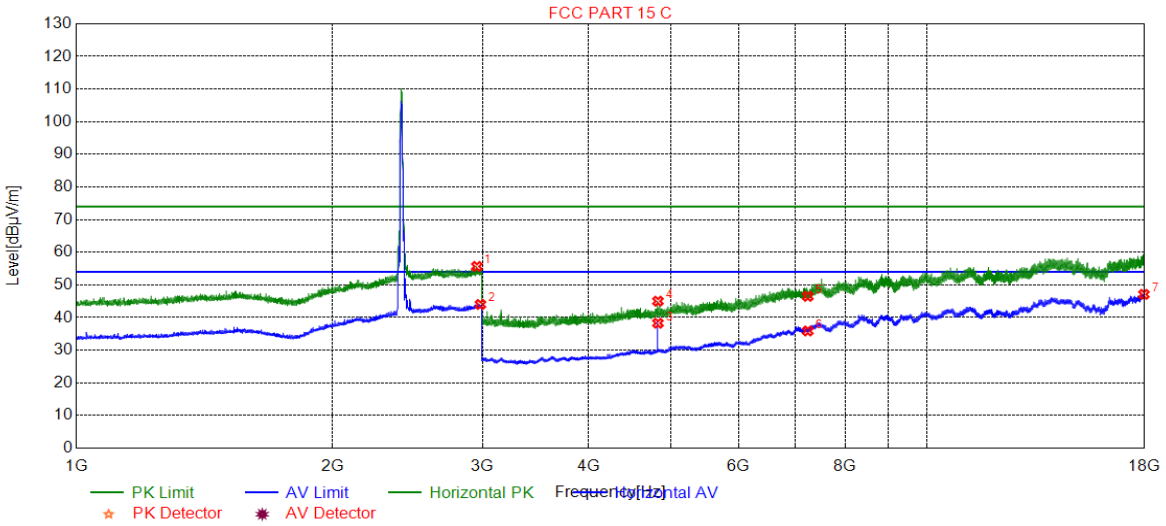
1.1.2 Transmitter emission above 1GHz

1.1.2.1 ANT1
1.1.2.2 802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2955.48	55.68	9.65	74.00	18.32	205	18	Horizontal
2	2983.99	44.03	9.52	54.00	9.97	155	348	Horizontal
3	4824.00	38.28	-18.21	54.00	15.72	204	238	Horizontal
4	4824.00	45.03	-18.21	74.00	28.97	184	264	Horizontal
5	7236.00	46.51	-9.99	74.00	27.49	159	38	Horizontal
6	7236.00	35.91	-9.99	54.00	18.09	189	342	Horizontal
7	17964.7	47.12	0.71	54.00	6.88	200	0	Horizontal

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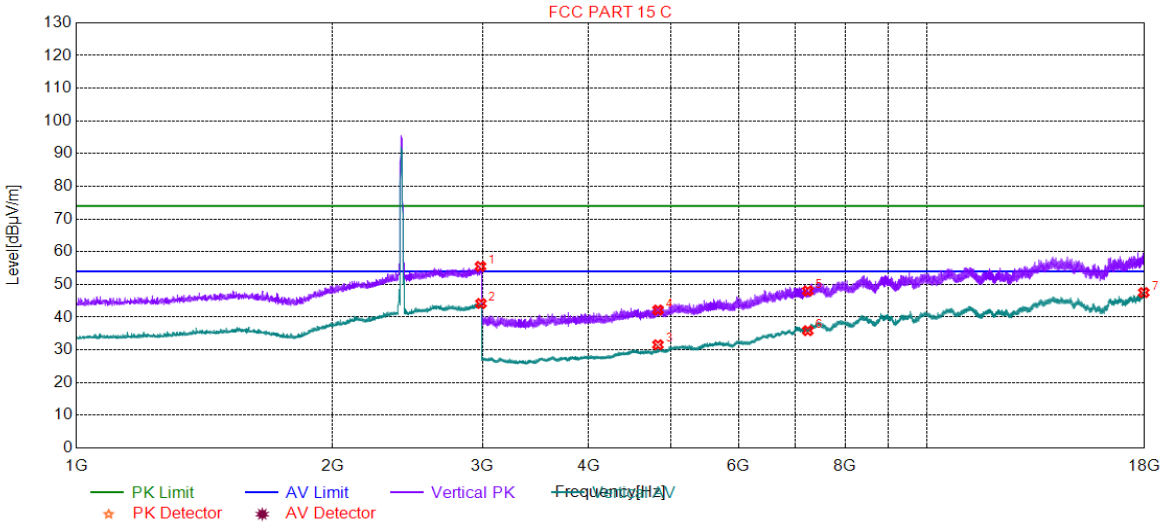
1.1.2.3 802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2984.49	55.53	9.52	74.00	18.47	218	248	Vertical
2	2988.49	44.19	9.50	54.00	9.81	224	138	Vertical
3	4824.00	31.58	-18.21	54.00	22.42	161	293	Vertical
4	4824.00	42.20	-18.21	74.00	31.80	200	293	Vertical
5	7236.00	48.03	-9.99	74.00	25.97	255	138	Vertical
6	7236.00	35.88	-9.99	54.00	18.12	279	188	Vertical
7	17957.6	47.53	0.71	54.00	6.47	292	88	Vertical

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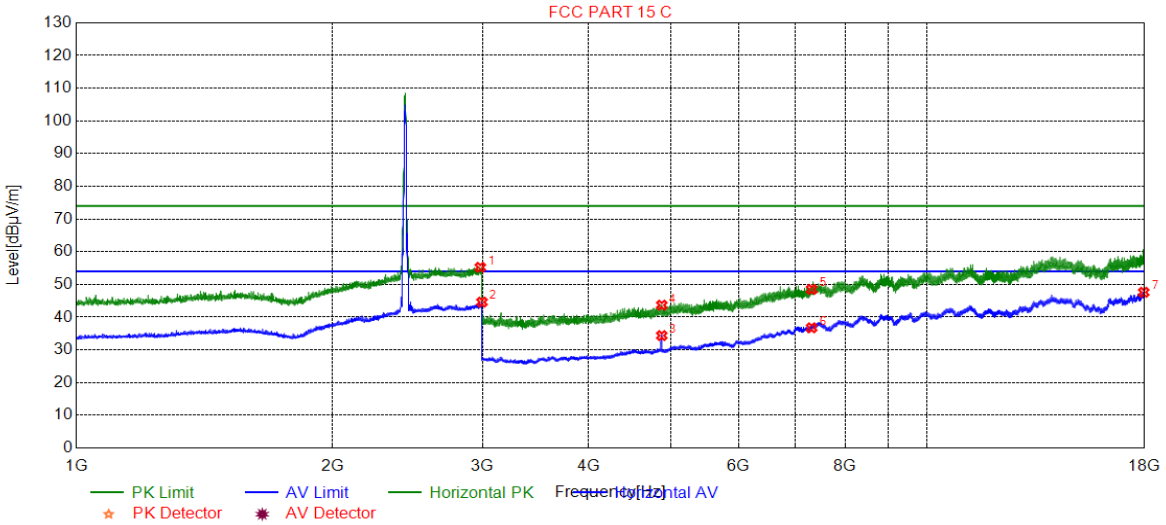
1.1.2.4 802.11B_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2982.99	55.26	9.53	74.00	18.74	176	358	Horizontal
2	2996.49	44.62	9.47	54.00	9.38	233	238	Horizontal
3	4874.00	34.38	-17.99	54.00	19.62	229	238	Horizontal
4	4874.00	43.69	-17.99	74.00	30.31	182	18	Horizontal
5	7311.00	48.50	-9.74	74.00	25.50	133	90	Horizontal
6	7311.00	36.76	-9.74	54.00	17.24	194	190	Horizontal
7	17955.4	47.62	0.71	54.00	6.38	175	140	Horizontal

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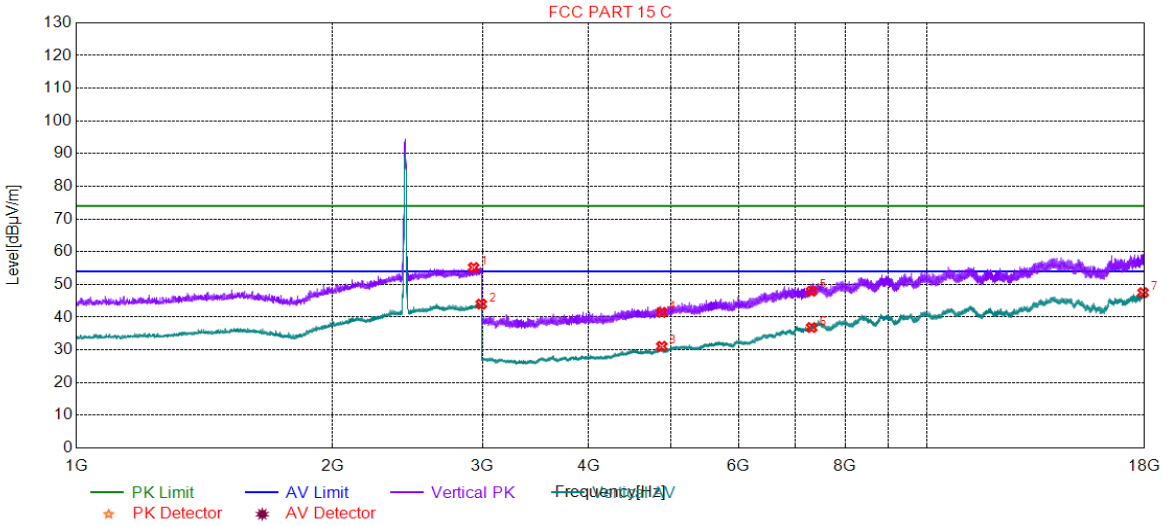
1.1.2.5 802.11B_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2929.48	55.19	9.46	74.00	18.81	174	301	Vertical
2	2990.99	43.99	9.49	54.00	10.01	295	25	Vertical
3	4874.00	31.10	-17.99	54.00	22.90	266	293	Vertical
4	4874.00	41.47	-17.99	74.00	32.53	269	348	Vertical
5	7311.00	47.95	-9.74	74.00	26.05	273	188	Vertical
6	7311.00	36.85	-9.74	54.00	17.15	176	342	Vertical
7	17926.8	47.50	0.70	54.00	6.50	157	288	Vertical

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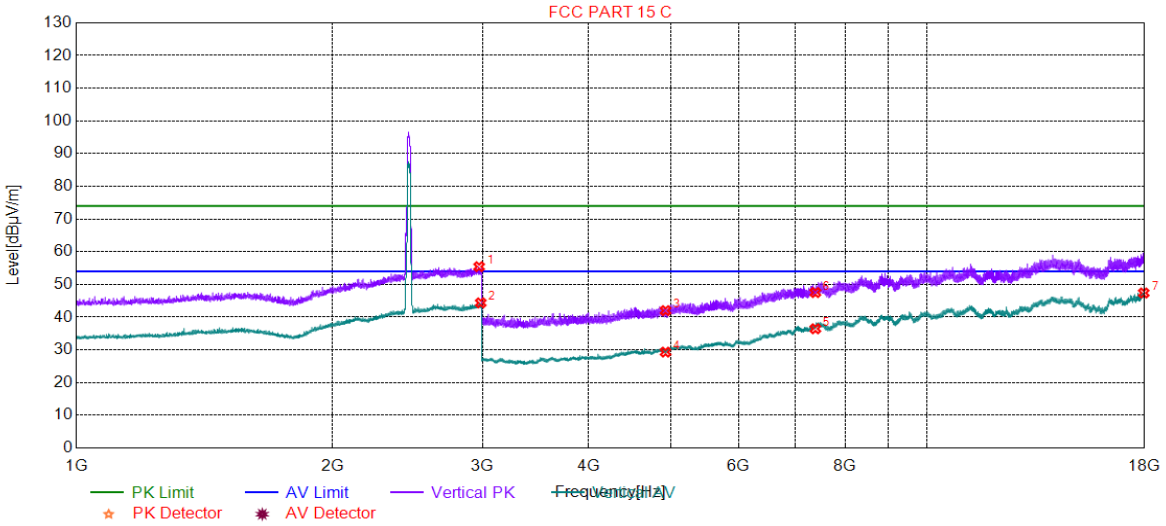
1.1.2.6 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2973.49	55.45	9.57	74.00	18.55	176	287	Vertical
2	2986.49	44.38	9.51	54.00	9.62	283	1	Vertical
3	4924.00	42.01	-17.72	74.00	31.99	185	73	Vertical
4	4924.00	29.32	-17.72	54.00	24.68	200	210	Vertical
5	7386.00	36.46	-9.55	54.00	17.54	247	240	Vertical
6	7386.00	47.54	-9.55	74.00	26.46	269	90	Vertical
7	17957.0	47.40	0.71	54.00	6.60	273	40	Vertical

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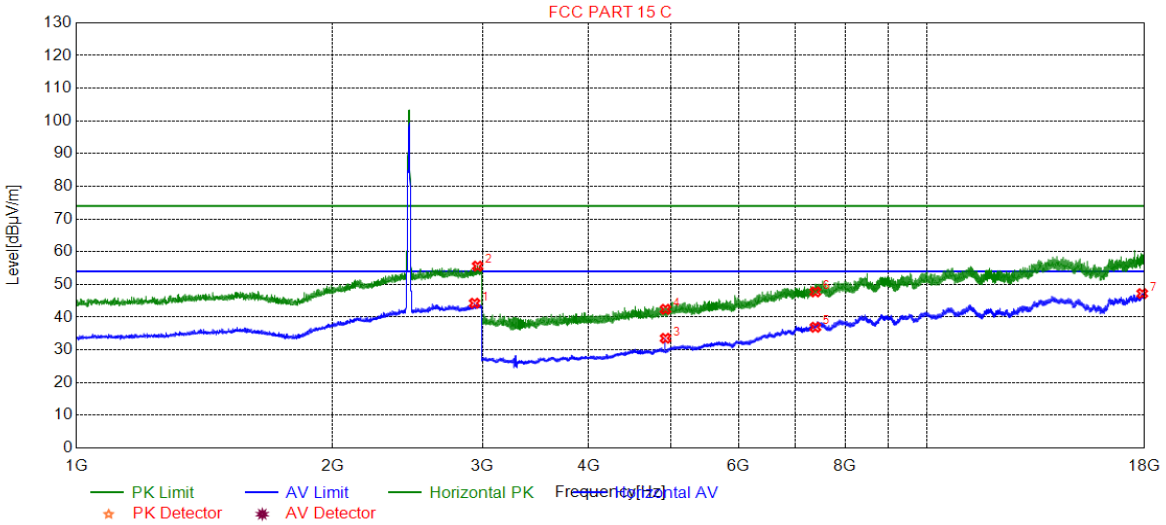
1.1.2.7 802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2937.48	44.28	9.54	54.00	9.72	238	183	Horizontal
2	2961.49	55.62	9.63	74.00	18.38	126	59	Horizontal
3	4924.00	33.55	-17.72	54.00	20.45	133	238	Horizontal
4	4924.00	42.43	-17.72	74.00	31.57	158	183	Horizontal
5	7386.00	36.93	-9.55	54.00	17.07	100	342	Horizontal
6	7386.00	47.73	-9.55	74.00	26.27	215	241	Horizontal
7	17883.3	47.22	0.47	54.00	6.78	144	92	Horizontal

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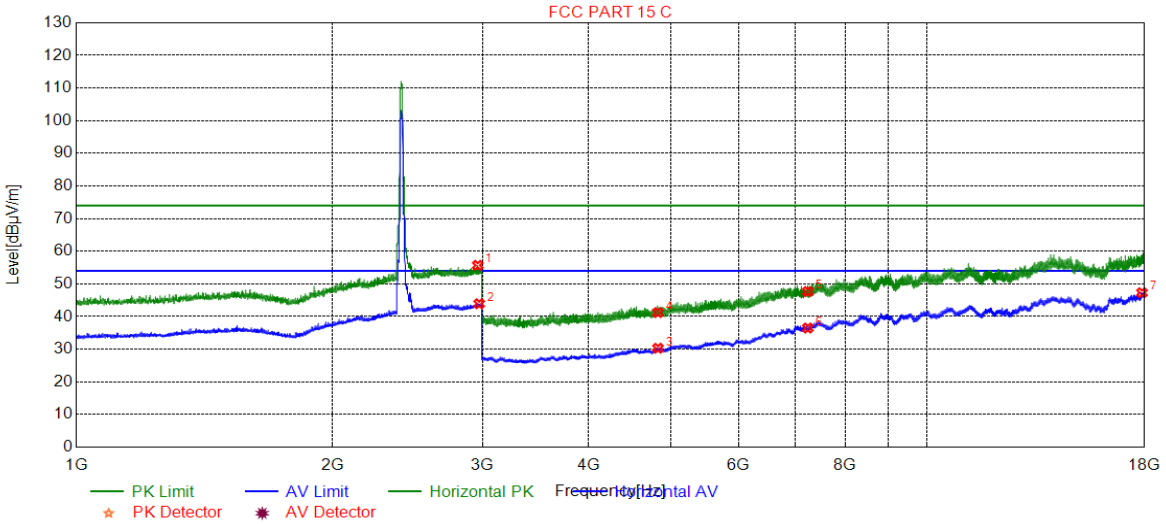
1.1.2.8 802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2962.49	55.71	9.62	74.00	18.29	212	128	Horizontal
2	2973.99	43.93	9.57	54.00	10.07	119	197	Horizontal
3	4824.00	30.31	-18.21	54.00	23.69	104	238	Horizontal
4	4824.00	41.23	-18.21	74.00	32.77	117	210	Horizontal
5	7236.00	47.67	-9.99	74.00	26.33	183	140	Horizontal
6	7236.00	36.50	-9.99	54.00	17.50	156	140	Horizontal
7	17871.8	47.32	0.32	54.00	6.68	170	0	Horizontal

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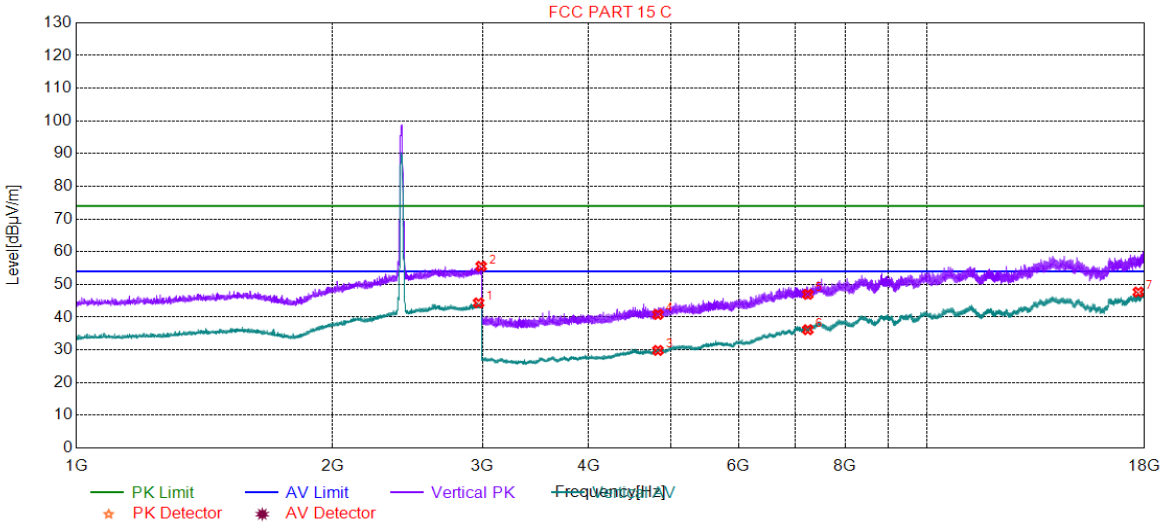
1.1.2.9 802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
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1	2968.99	44.37	9.59	54.00	9.63	186	109	Vertical
2	2989.99	55.57	9.50	74.00	18.43	241	315	Vertical
3	4824.00	29.85	-18.21	54.00	24.15	248	100	Vertical
4	4824.00	40.83	-18.21	74.00	33.17	291	128	Vertical
5	7236.00	46.99	-9.99	74.00	27.01	198	141	Vertical
6	7236.00	36.18	-9.99	54.00	17.82	170	41	Vertical
7	17696.3	47.68	1.36	54.00	6.32	284	0	Vertical

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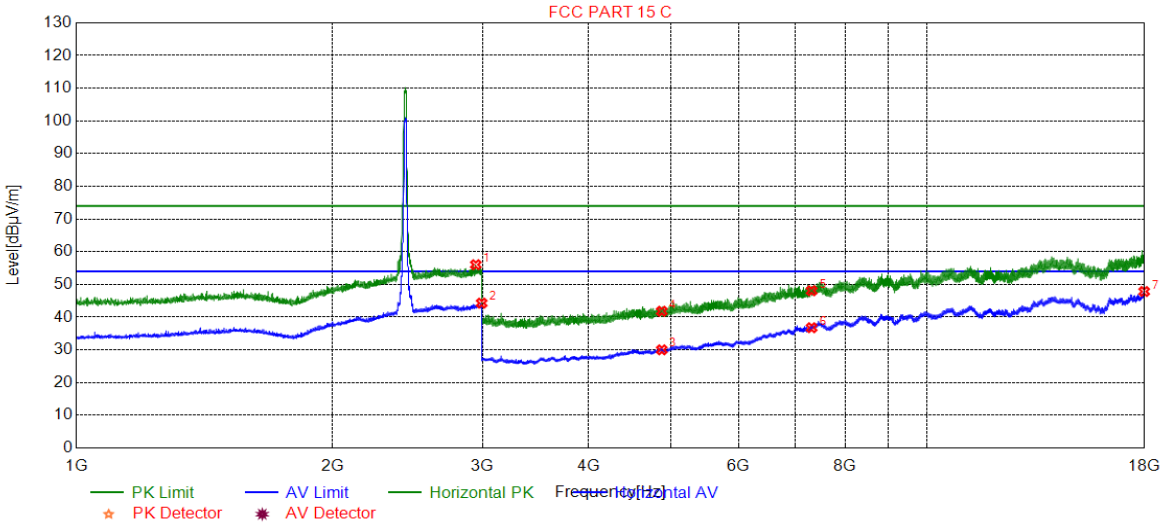
1.1.2.10 802.11G_Channel 6

Test Graph



Suspected List

Suspected List								
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1	2946.98	56.06	9.65	74.00	17.94	203	18	Horizontal
2	2993.99	44.30	9.48	54.00	9.70	135	127	Horizontal
3	4874.00	30.03	-17.99	54.00	23.97	246	127	Horizontal
4	4874.00	41.82	-17.99	74.00	32.18	246	264	Horizontal
5	7311.00	48.09	-9.74	74.00	25.91	189	41	Horizontal
6	7311.00	36.78	-9.74	54.00	17.22	119	41	Horizontal
7	17977.4	47.85	0.71	54.00	6.15	187	0	Horizontal

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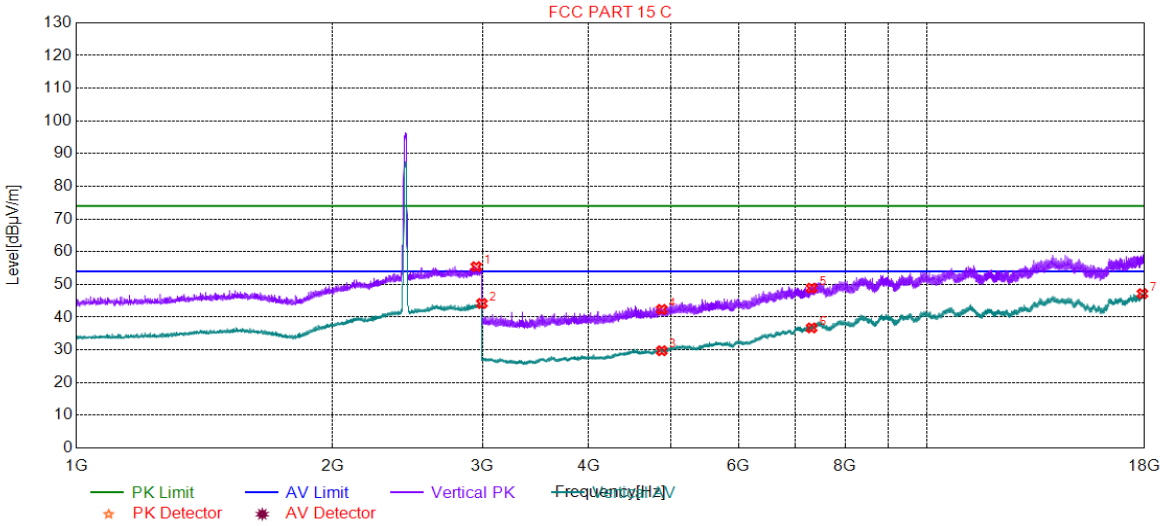
1.1.2.11 802.11G_Channel 6

Test Graph



Suspected List

Suspected List								
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1	2950.48	55.45	9.68	74.00	18.55	289	81	Vertical
2	2995.99	44.20	9.47	54.00	9.80	155	40	Vertical
3	4874.00	29.75	-17.99	54.00	24.25	246	100	Vertical
4	4874.00	42.38	-17.99	74.00	31.62	234	319	Vertical
5	7311.00	48.88	-9.74	74.00	25.12	291	92	Vertical
6	7311.00	36.73	-9.74	54.00	17.27	184	0	Vertical
7	17894.9	47.20	0.62	54.00	6.80	220	92	Vertical

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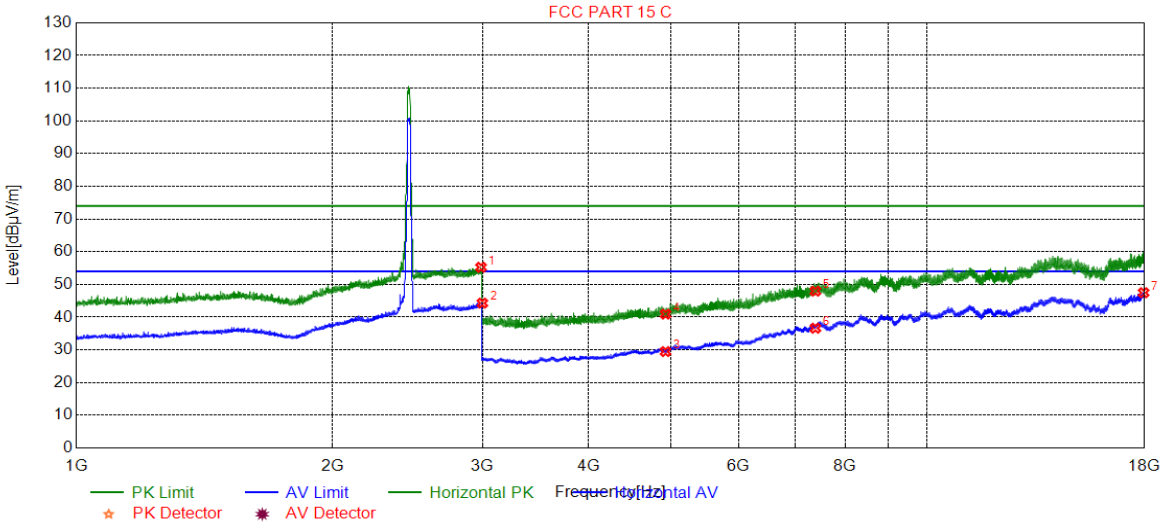
1.1.2.12 802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
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1	2988.99	55.26	9.50	74.00	18.74	153	223	Horizontal
2	2999.49	44.30	9.45	54.00	9.70	195	306	Horizontal
3	4924.00	29.48	-17.72	54.00	24.52	148	158	Horizontal
4	4924.00	40.94	-17.72	74.00	33.06	104	18	Horizontal
5	7386.00	47.96	-9.55	74.00	26.04	201	291	Horizontal
6	7386.00	36.63	-9.55	54.00	17.37	112	291	Horizontal
7	17949.9	47.49	0.70	54.00	6.51	175	90	Horizontal

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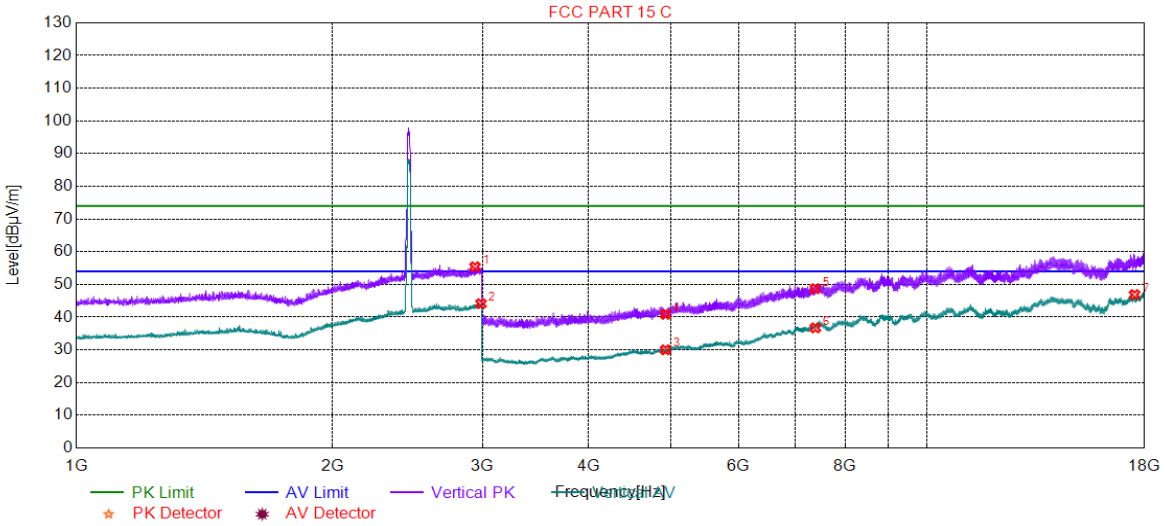
1.1.2.13 802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2940.48	55.42	9.58	74.00	18.58	189	149	Vertical
2	2988.49	44.14	9.50	54.00	9.86	204	67	Vertical
3	4924.00	30.02	-17.72	54.00	23.98	284	352	Vertical
4	4924.00	40.88	-17.72	74.00	33.12	207	243	Vertical
5	7386.00	48.71	-9.55	74.00	25.29	207	0	Vertical
6	7386.00	36.73	-9.55	54.00	17.27	164	0	Vertical
7	17517.0	46.89	0.99	54.00	7.11	295	342	Vertical

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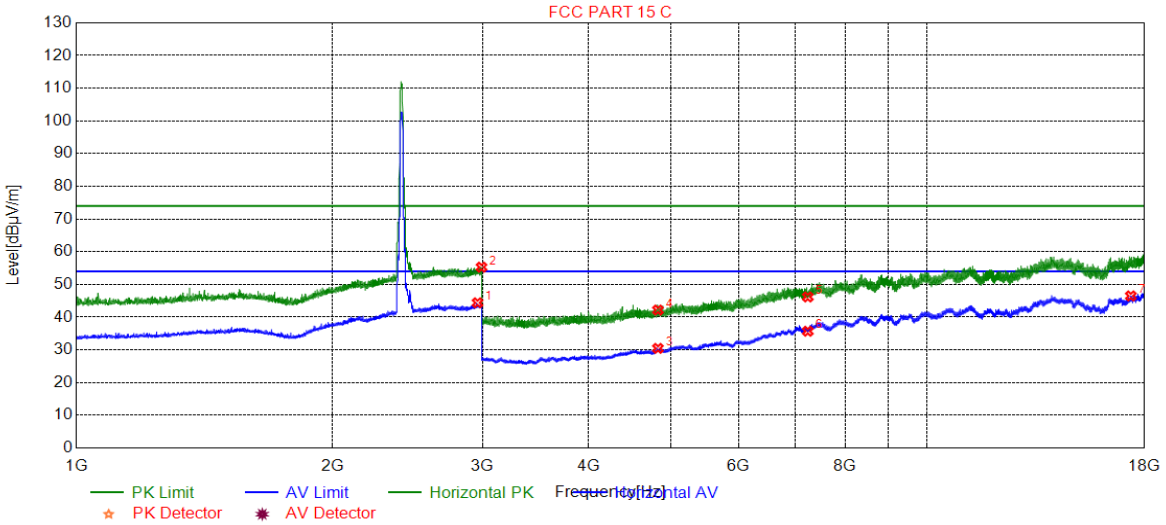
1.1.2.14 802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2960.49	44.41	9.63	54.00	9.59	126	249	Horizontal
2	2992.99	55.29	9.48	74.00	18.71	176	18	Horizontal
3	4824.00	30.47	-18.21	54.00	23.53	208	240	Horizontal
4	4824.00	42.19	-18.21	74.00	31.81	120	75	Horizontal
5	7236.00	46.19	-9.99	74.00	27.81	122	90	Horizontal
6	7236.00	35.71	-9.99	54.00	18.29	101	291	Horizontal
7	17341.6	46.50	-0.01	54.00	7.50	119	0	Horizontal

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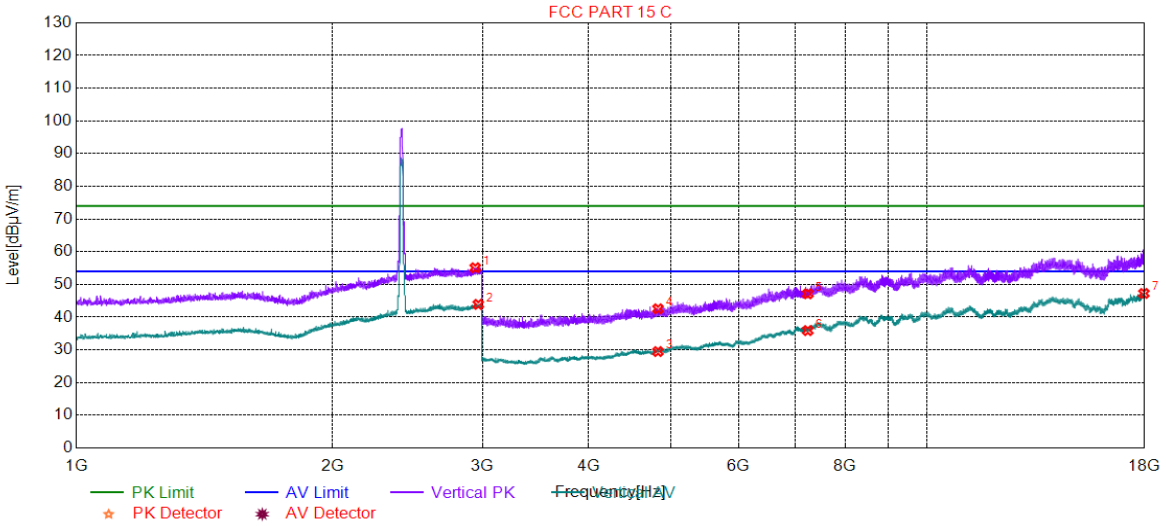
1.1.2.15 802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2942.48	55.12	9.60	74.00	18.88	285	80	Vertical
2	2966.49	43.92	9.60	54.00	10.08	180	122	Vertical
3	4824.00	29.50	-18.21	54.00	24.50	243	267	Vertical
4	4824.00	42.57	-18.21	74.00	31.43	197	267	Vertical
5	7236.00	47.16	-9.99	74.00	26.84	297	41	Vertical
6	7236.00	35.91	-9.99	54.00	18.09	180	92	Vertical
7	17964.2	47.27	0.71	54.00	6.73	293	292	Vertical

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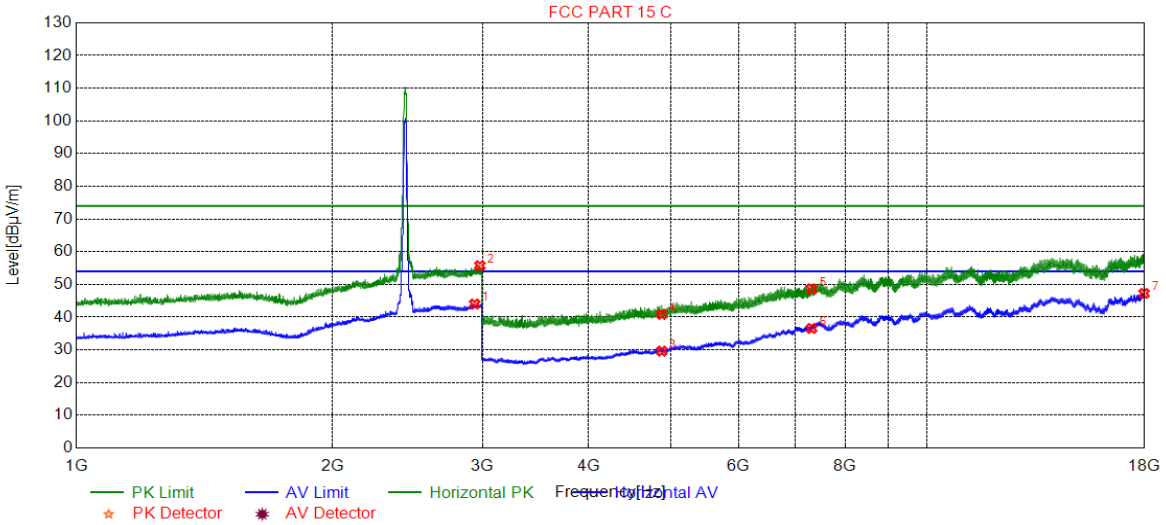
1.1.2.16 802.11N20_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2937.48	44.04	9.54	54.00	9.96	239	44	Horizontal
2	2979.49	55.76	9.54	74.00	18.24	219	141	Horizontal
3	4874.00	29.64	-17.99	54.00	24.36	199	355	Horizontal
4	4874.00	40.88	-17.99	74.00	33.12	103	158	Horizontal
5	7311.00	48.68	-9.74	74.00	25.32	127	191	Horizontal
6	7311.00	36.57	-9.74	54.00	17.43	188	90	Horizontal
7	17971.3	47.27	0.71	54.00	6.73	182	0	Horizontal

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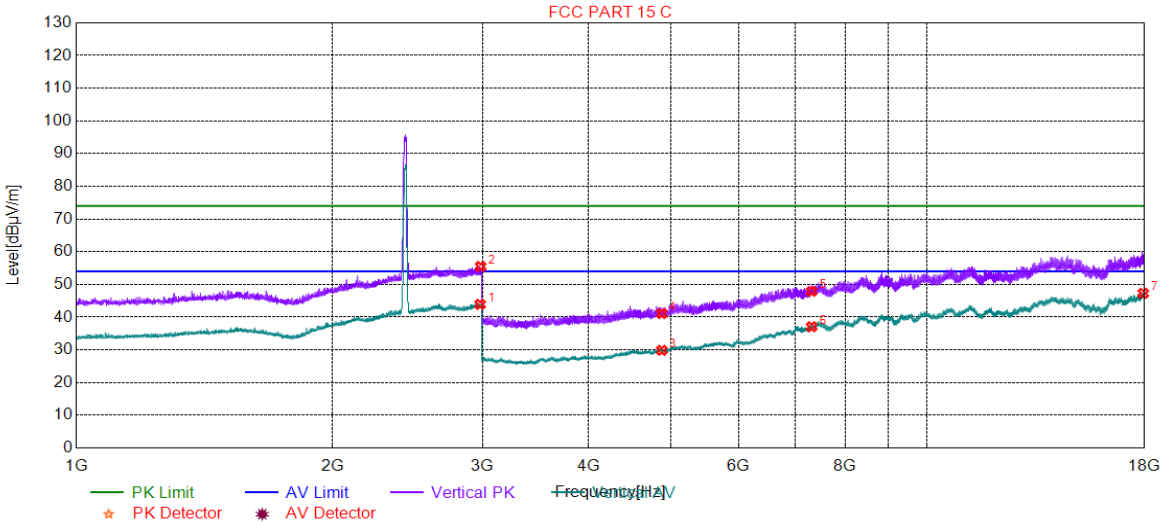
1.1.2.17 802.11N20_Channel 6

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2981.49	43.94	9.54	54.00	10.06	174	260	Vertical
2	2985.99	55.50	9.51	74.00	18.50	199	1	Vertical
3	4874.00	29.88	-17.99	54.00	24.12	262	269	Vertical
4	4874.00	41.10	-17.99	74.00	32.90	243	269	Vertical
5	7311.00	47.92	-9.74	74.00	26.08	293	0	Vertical
6	7311.00	37.08	-9.74	54.00	16.92	157	142	Vertical
7	17933.9	47.30	0.70	54.00	6.70	183	40	Vertical

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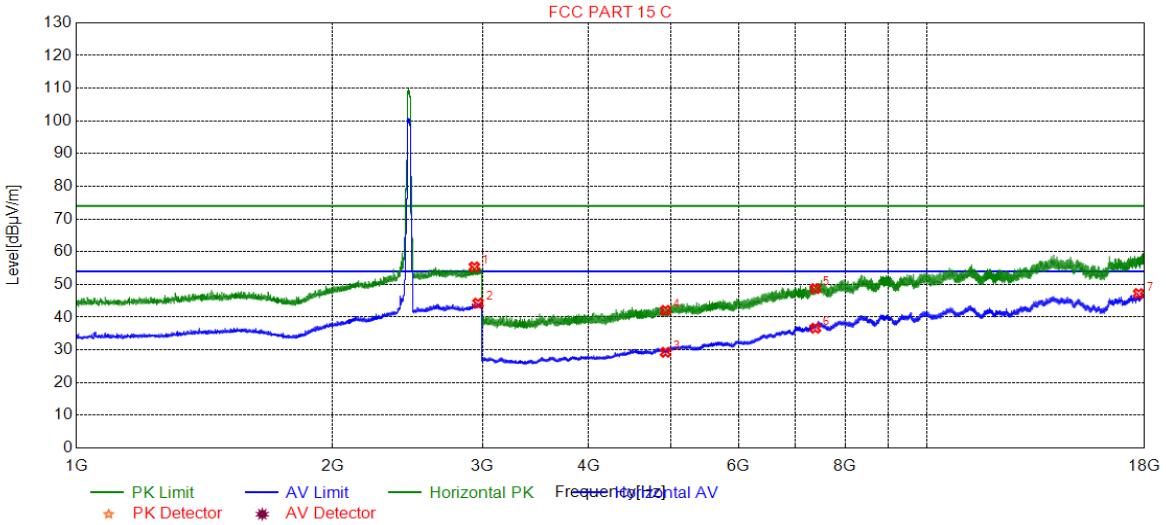
1.1.2.18 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2935.48	55.40	9.52	74.00	18.60	129	320	Horizontal
2	2964.99	44.29	9.61	54.00	9.71	209	18	Horizontal
3	4924.00	29.27	-17.72	54.00	24.73	244	265	Horizontal
4	4924.00	42.10	-17.72	74.00	31.90	188	128	Horizontal
5	7386.00	48.75	-9.55	74.00	25.25	193	190	Horizontal
6	7386.00	36.63	-9.55	54.00	17.37	234	240	Horizontal
7	17708.4	47.24	1.19	54.00	6.76	176	90	Horizontal

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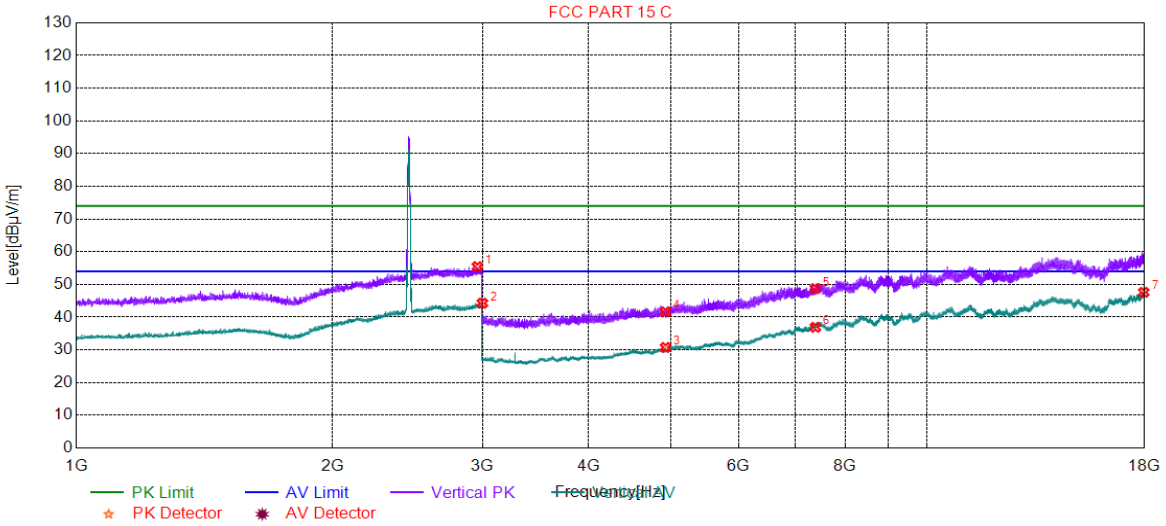
1.1.2.19 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2959.48	55.47	9.64	74.00	18.53	287	205	Vertical
2	3000.00	44.27	9.45	54.00	9.73	203	13	Vertical
3	4924.00	30.76	-17.72	54.00	23.24	231	293	Vertical
4	4924.00	41.62	-17.72	74.00	32.38	187	45	Vertical
5	7386.00	48.73	-9.55	74.00	25.27	254	292	Vertical
6	7386.00	36.92	-9.55	54.00	17.08	191	91	Vertical
7	17954.8	47.61	0.71	54.00	6.39	248	292	Vertical

Final Data List

Remark:

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

   Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 25GHz, the disturbance between 9KHz to 30MHz and 18GHz to 25GHz was very low, and the above harmonics were the highest point could be found when testing, The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3）As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.

4）All Modes have been tested, but only the worst case data displayed in this report.

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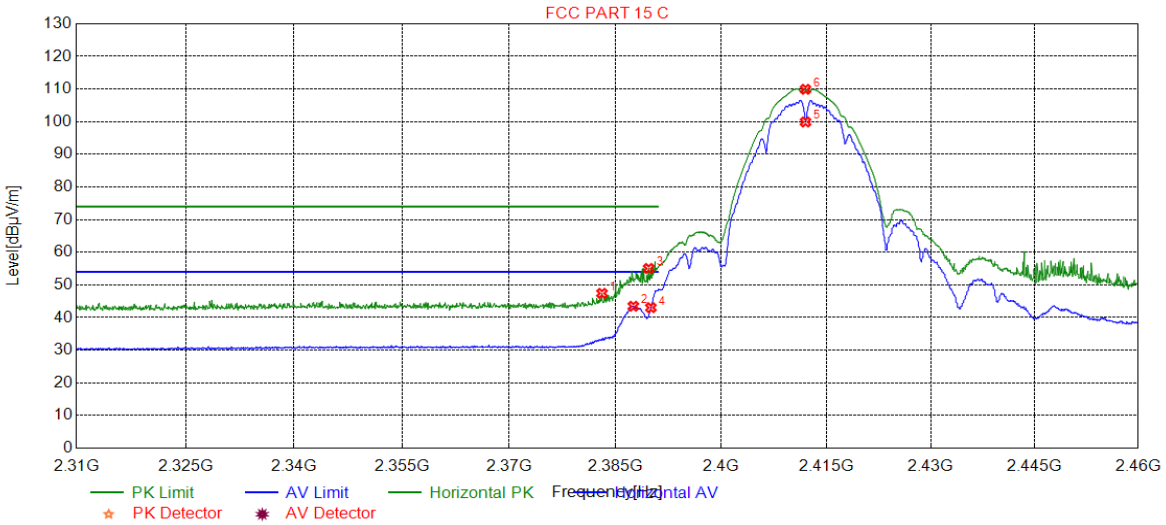
1.2 Restricted bands around fundamental frequency

1.2.1 ANT1

1.2.1.1 802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2383.08	47.43	7.78	74.00	26.57	194	213	Horizontal
2	2387.51	43.48	7.77	54.00	10.52	158	207	Horizontal
3	2389.68	55.05	7.77	74.00	18.95	183	218	Horizontal
4	2390.00	43.05	7.77	54.00	10.95	225	207	Horizontal
5	2412.00	99.92	7.81	0.00	-99.92	124	207	Horizontal
6	2412.00	109.93	7.81	0.00	-109.93	164	213	Horizontal

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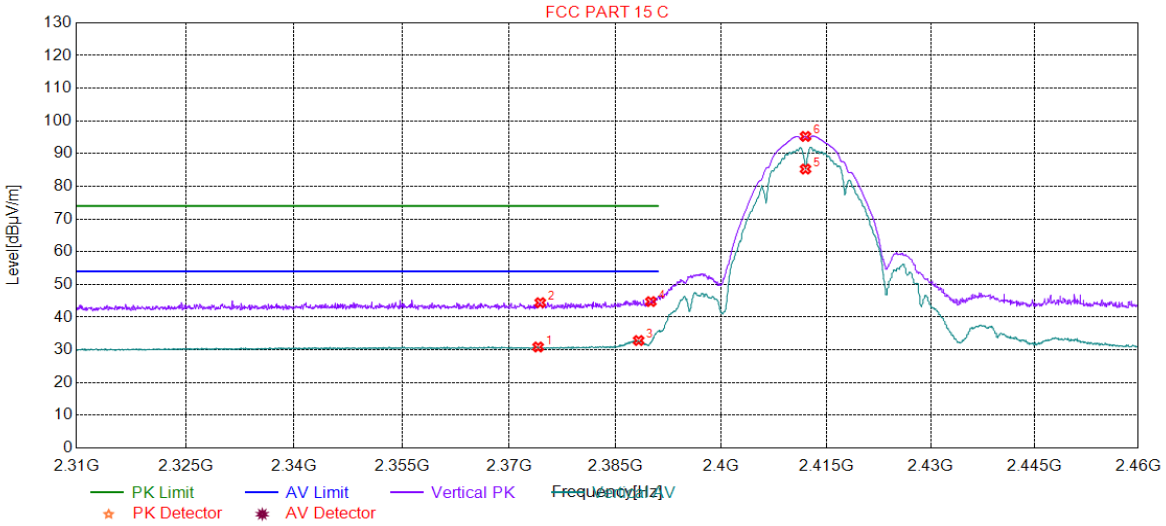
1.2.1.2 802.11B_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2374.08	30.89	7.79	54.00	23.11	267	1	Vertical
2	2374.38	44.44	7.79	74.00	29.56	253	325	Vertical
3	2388.26	32.87	7.77	54.00	21.13	293	4	Vertical
4	2390.00	44.78	7.77	74.00	29.22	262	159	Vertical
5	2412.00	85.29	7.81	0.00	-85.29	225	55	Vertical
6	2412.00	95.27	7.81	0.00	-95.27	290	55	Vertical

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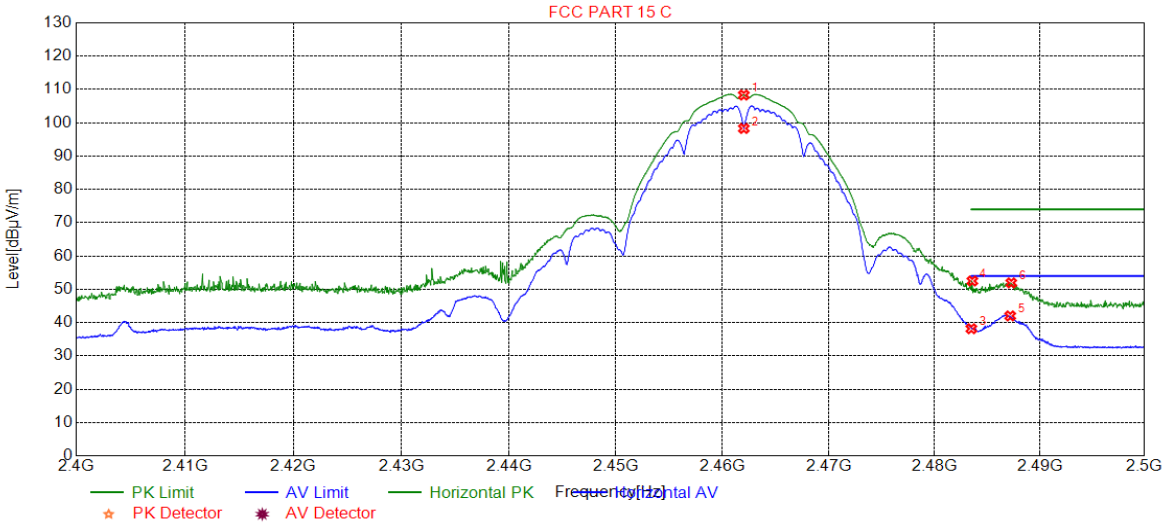
1.2.1.3 802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	108.32	7.98	0.00	-108.32	142	216	Horizontal
2	2462.00	98.29	7.98	0.00	-98.29	241	211	Horizontal
3	2483.50	38.18	8.01	54.00	15.82	170	205	Horizontal
4	2483.59	52.51	8.01	74.00	21.49	133	211	Horizontal
5	2487.19	42.03	8.01	54.00	11.97	184	211	Horizontal
6	2487.29	51.94	8.01	74.00	22.06	150	216	Horizontal

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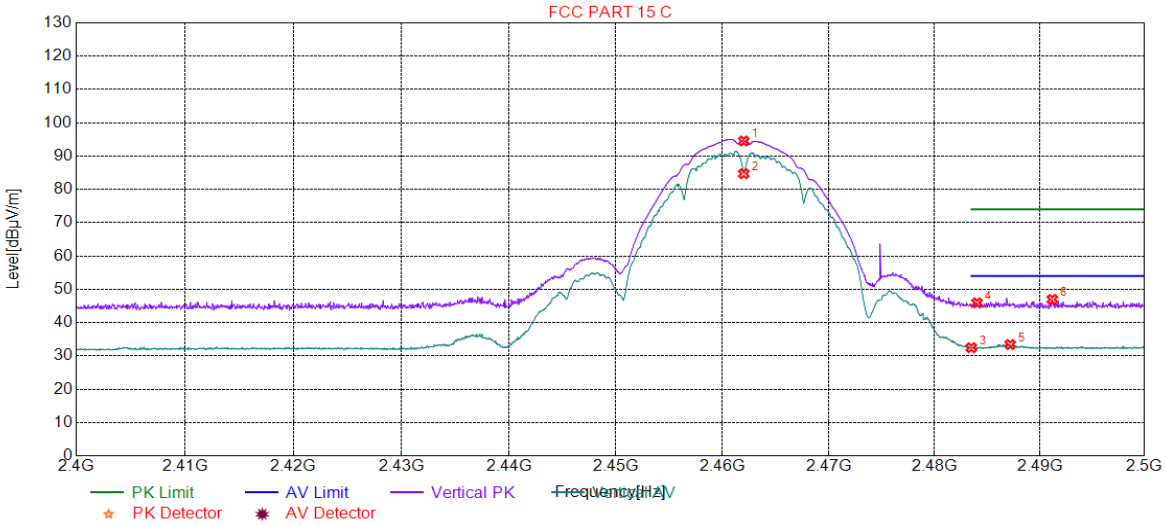
1.2.1.4 802.11B_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	94.54	7.98	0.00	-94.54	293	276	Vertical
2	2462.00	84.71	7.98	0.00	-84.71	237	276	Vertical
3	2483.50	32.50	8.01	54.00	21.50	204	62	Vertical
4	2484.04	45.96	8.01	74.00	28.04	248	287	Vertical
5	2487.19	33.45	8.01	54.00	20.55	236	36	Vertical
6	2491.19	46.99	8.02	74.00	27.01	289	40	Vertical

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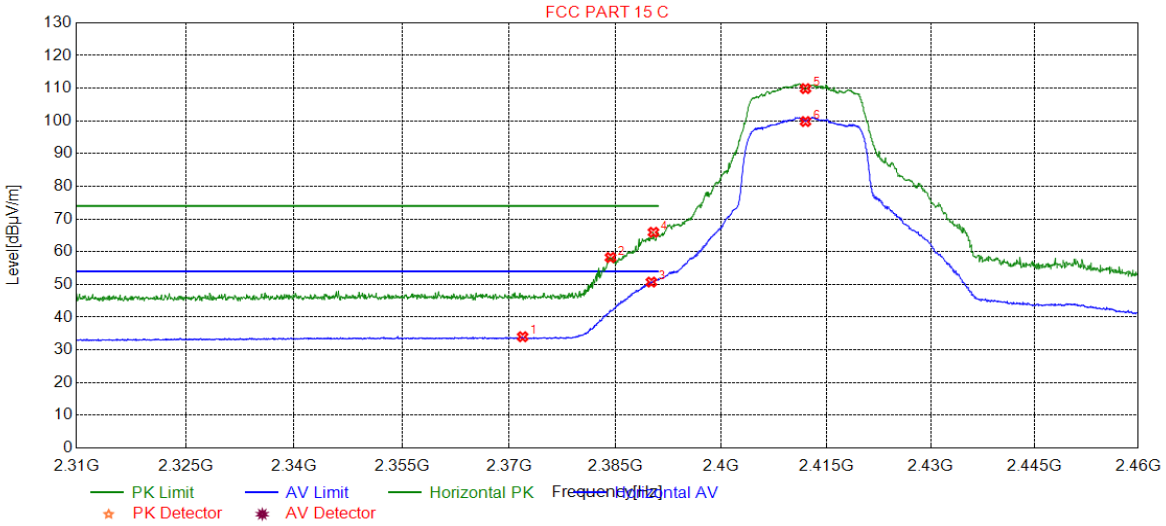
1.2.1.5 802.11G_Channel 1 18

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2371.90	34.03	7.79	54.00	19.97	241	223	Horizontal
2	2384.28	58.25	7.78	74.00	15.75	226	229	Horizontal
3	2390.06	50.74	7.77	54.00	3.26	111	223	Horizontal
4	2390.36	65.96	7.77	74.00	8.04	237	218	Horizontal
5	2412.00	109.90	7.81	0.00	-109.90	165	223	Horizontal
6	2412.00	99.82	7.81	0.00	-99.82	118	218	Horizontal

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1.2.1.6

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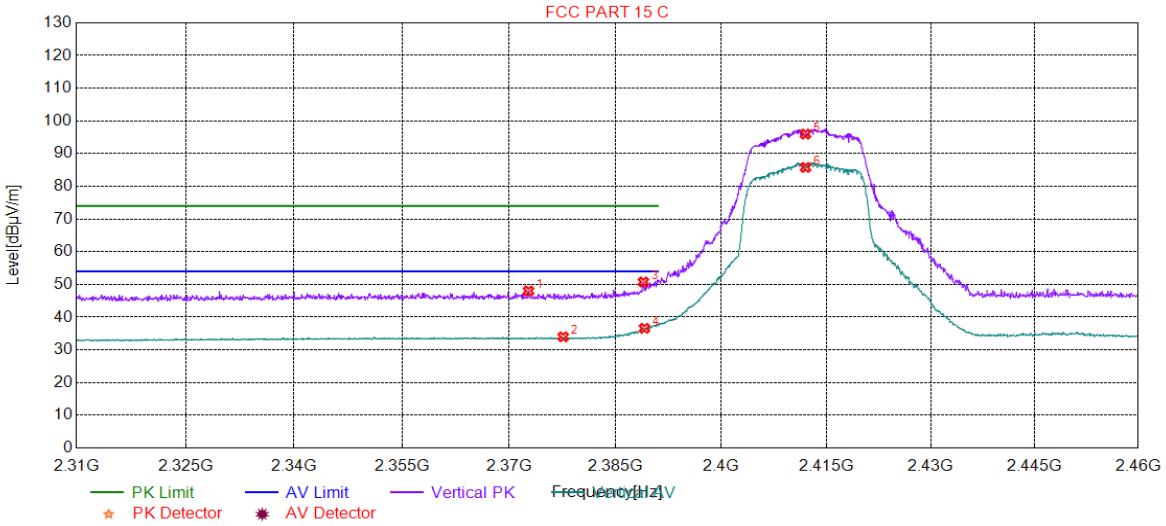
1.2.1.7 802.11G_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2372.73	48.04	7.79	74.00	25.96	214	297	Vertical
2	2377.60	33.99	7.78	54.00	20.01	232	69	Vertical
3	2388.93	50.77	7.77	74.00	23.23	203	275	Vertical
4	2389.08	36.60	7.77	54.00	17.40	232	335	Vertical
5	2412.00	95.98	7.81	0.00	-95.98	235	330	Vertical
6	2412.00	85.79	7.81	0.00	-85.79	273	335	Vertical

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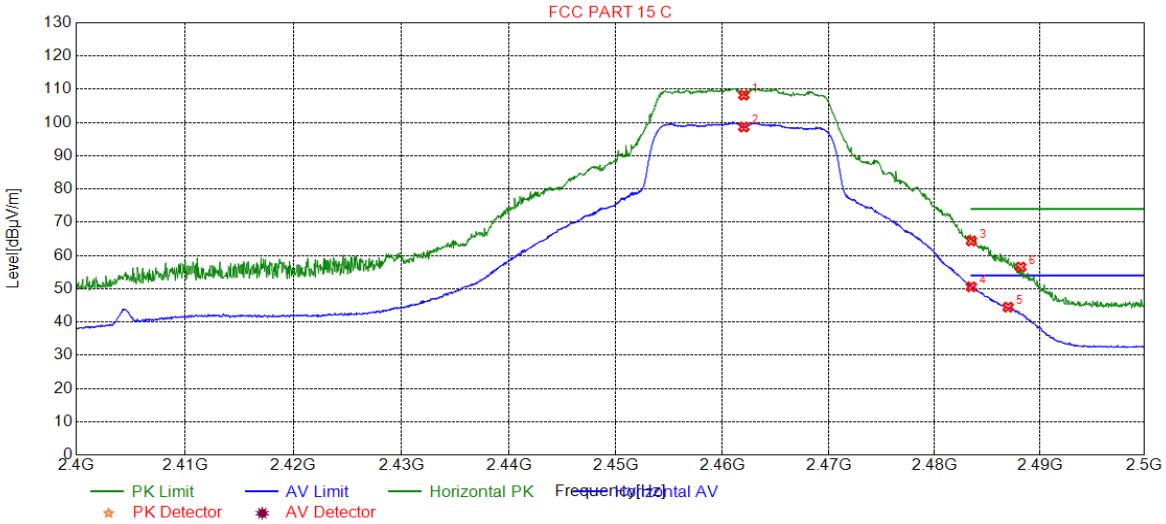
1.2.1.8 802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	108.24	7.98	0.00	-108.24	139	221	Horizontal
2	2462.00	98.66	7.98	0.00	-98.66	145	221	Horizontal
3	2483.50	64.39	8.01	74.00	9.61	150	215	Horizontal
4	2483.50	50.61	8.01	54.00	3.39	116	215	Horizontal
5	2486.99	44.48	8.01	54.00	9.52	227	221	Horizontal
6	2488.19	56.55	8.02	74.00	17.45	178	215	Horizontal

Final Data List

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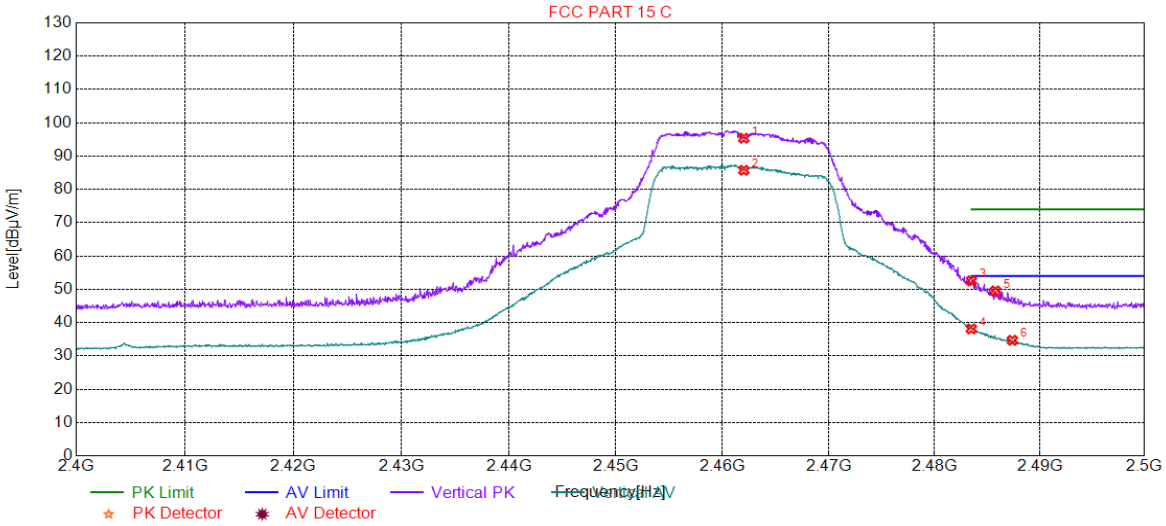
1.2.1.9 802.11G_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	95.37	7.98	0.00	-95.37	159	275	Vertical
2	2462.00	85.76	7.98	0.00	-85.76	229	275	Vertical
3	2483.50	52.57	8.01	74.00	21.43	224	27	Vertical
4	2483.50	38.14	8.01	54.00	15.86	223	27	Vertical
5	2485.79	49.53	8.01	74.00	24.47	269	326	Vertical
6	2487.39	34.72	8.01	54.00	19.28	275	331	Vertical

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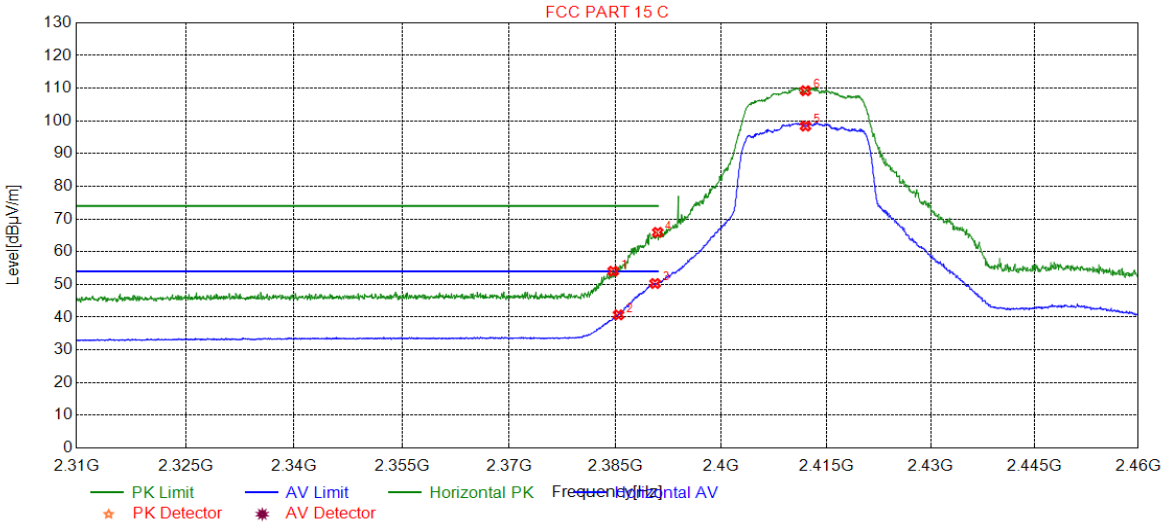
1.2.1.10 802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2384.66	54.06	7.78	74.00	19.94	208	220	Horizontal
2	2385.41	40.71	7.77	54.00	13.29	154	226	Horizontal
3	2390.59	50.30	7.77	54.00	3.70	137	220	Horizontal
4	2390.96	65.93	7.77	74.00	8.07	106	226	Horizontal
5	2412.00	98.43	7.81	0.00	-98.43	171	220	Horizontal
6	2412.00	109.24	7.81	0.00	-109.24	209	220	Horizontal

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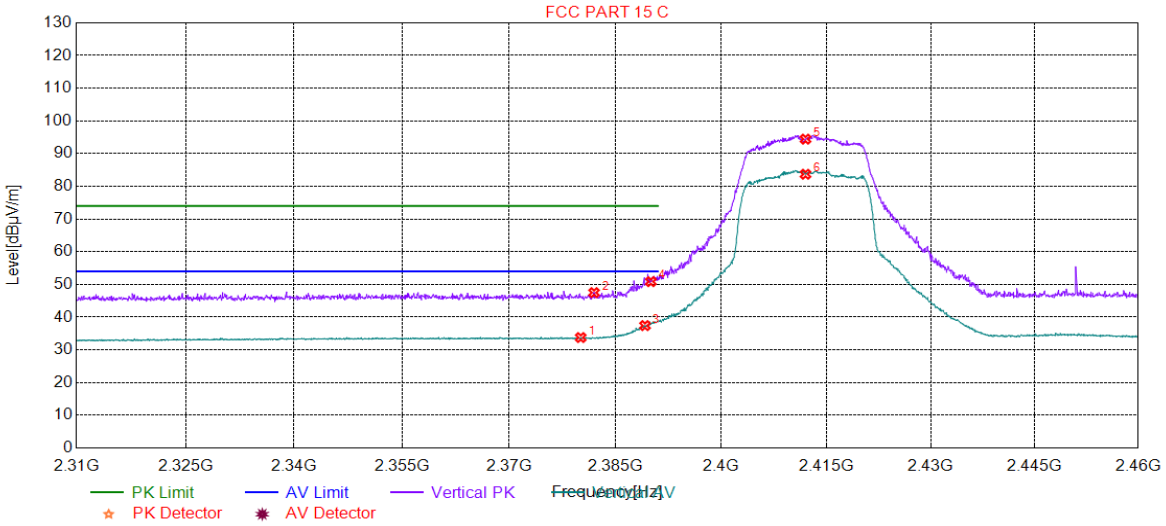
1.2.1.11 802.11N20_Channel 1

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2380.08	33.78	7.78	54.00	20.22	151	325	Vertical
2	2381.96	47.51	7.78	74.00	26.49	202	210	Vertical
3	2389.16	37.43	7.77	54.00	16.57	257	275	Vertical
4	2390.00	50.87	7.77	74.00	23.13	212	30	Vertical
5	2412.00	94.44	7.81	0.00	-94.44	167	275	Vertical
6	2412.00	83.71	7.81	0.00	-83.71	246	275	Vertical

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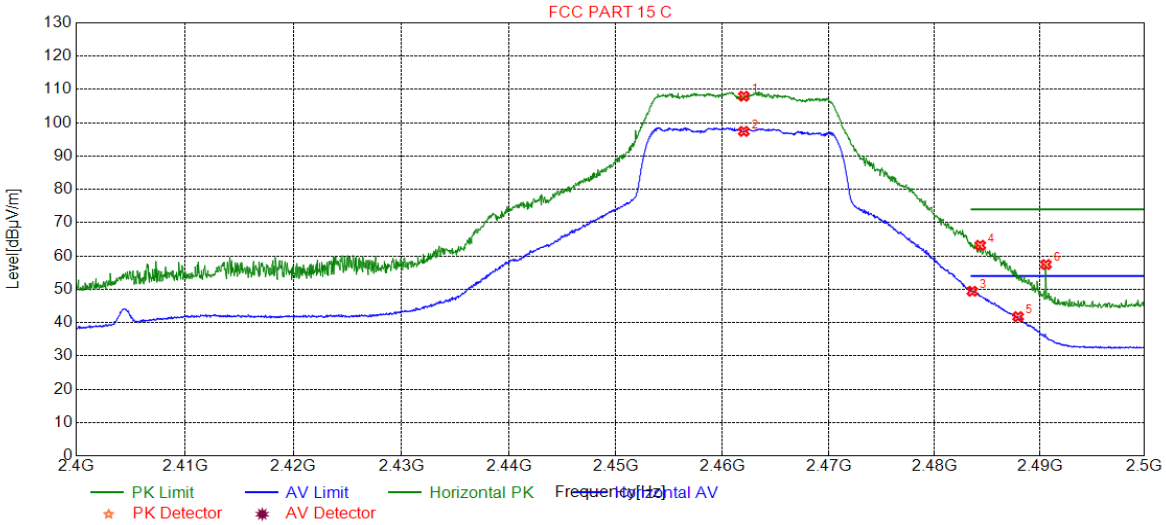
1.2.1.12 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	107.96	7.98	0.00	-107.96	243	215	Horizontal
2	2462.00	97.42	7.98	0.00	-97.42	207	220	Horizontal
3	2483.59	49.44	8.01	54.00	4.56	249	220	Horizontal
4	2484.34	63.23	8.01	74.00	10.77	217	215	Horizontal
5	2487.94	41.81	8.02	54.00	12.19	119	220	Horizontal
6	2490.59	57.46	8.02	74.00	16.54	180	276	Horizontal

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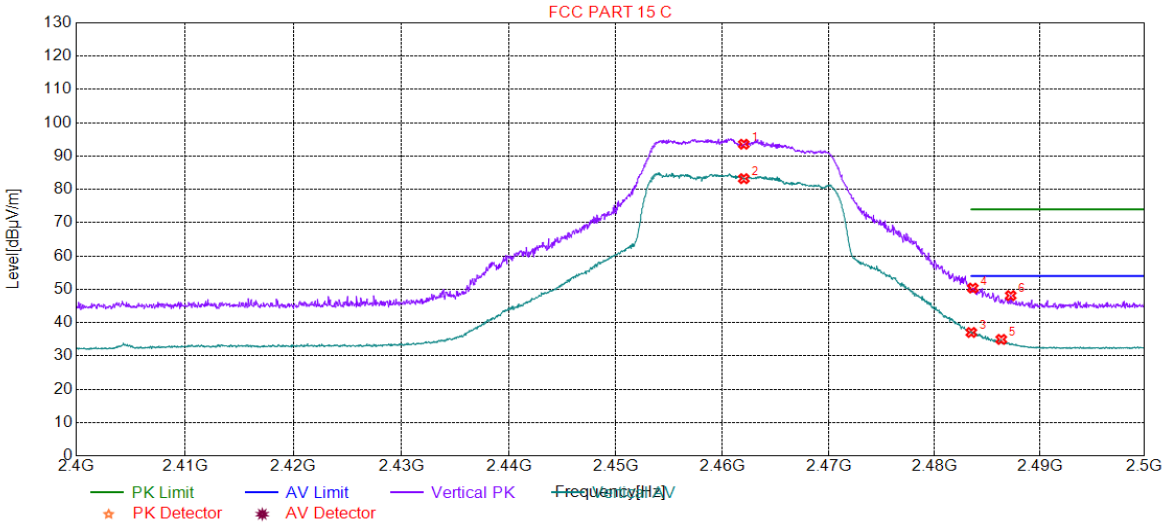
1.2.1.13 802.11N20_Channel 11

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	93.56	7.98	0.00	-93.56	198	275	Vertical
2	2462.00	83.23	7.98	0.00	-83.23	236	275	Vertical
3	2483.50	37.07	8.01	54.00	16.93	297	27	Vertical
4	2483.64	50.38	8.01	74.00	23.62	190	27	Vertical
5	2486.34	34.98	8.01	54.00	19.02	215	27	Vertical
6	2487.24	48.13	8.01	74.00	25.87	258	330	Vertical

Final Data List

Remark:
The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
All Modes have been tested, but only the worst case data displayed in this report.

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