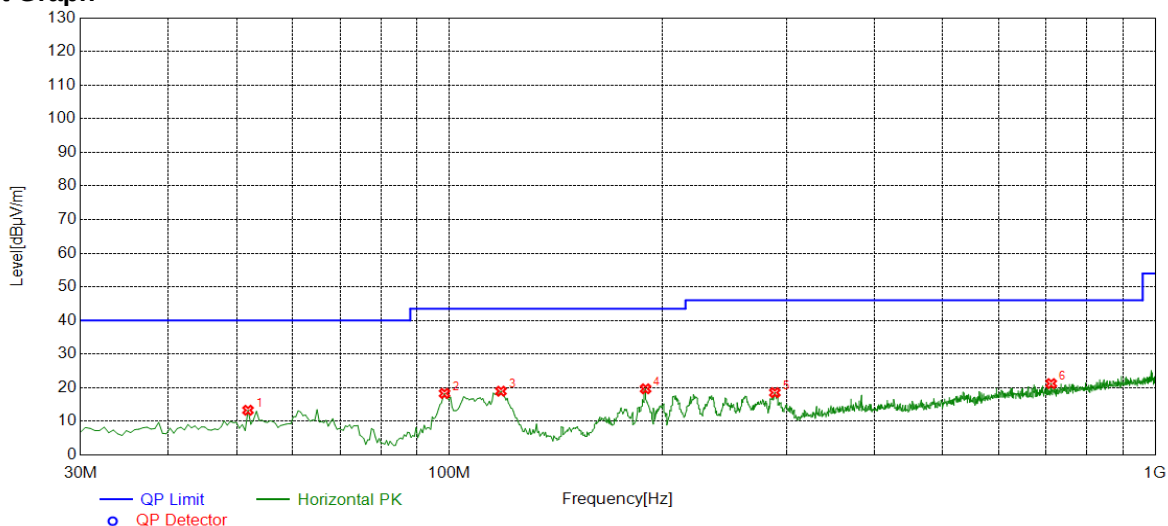


1.1 Radiated Spurious Emissions

1.1.1 Transmitter emission below 1GHz

Test Graph



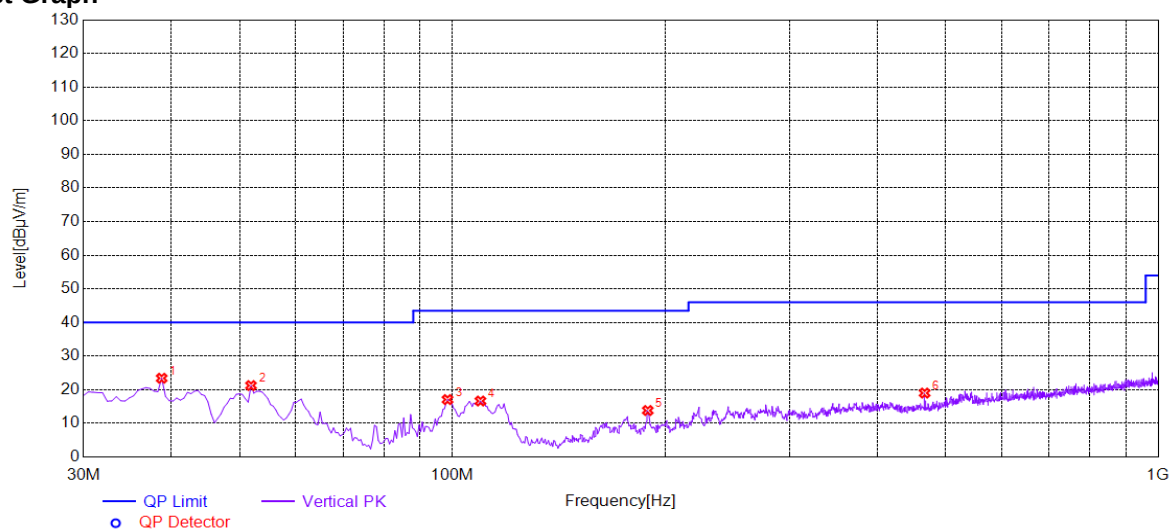
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	51.8359	13.32	-30.46	40.00	26.68	139	23	Horizontal
2	98.4192	18.32	-31.96	43.50	25.18	166	57	Horizontal
3	118.314	18.98	-33.00	43.50	24.52	221	251	Horizontal
4	189.644	19.69	-31.92	43.50	23.81	182	82	Horizontal
5	289.119	18.55	-28.16	46.00	27.45	186	101	Horizontal
6	712.251	21.25	-18.47	46.00	24.75	121	257	Horizontal

Final Data List



Test Graph



Suspected List

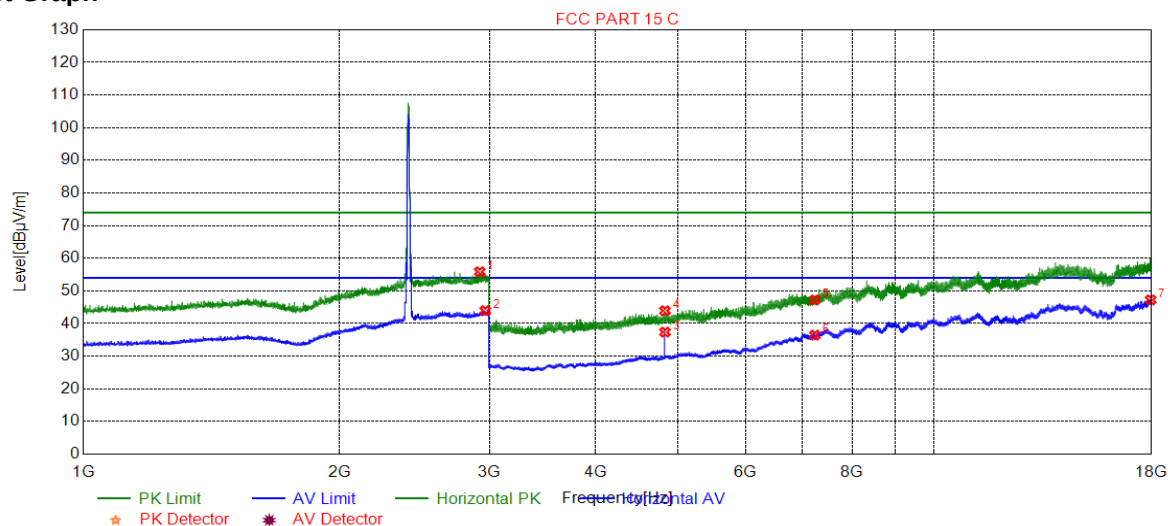
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	38.7344	23.43	-31.57	40.00	16.57	230	348	Vertical
2	51.8359	21.25	-30.46	40.00	18.75	164	291	Vertical
3	98.4192	17.08	-31.96	43.50	26.42	189	75	Vertical
4	109.579	16.65	-31.69	43.50	26.85	193	94	Vertical
5	189.159	13.84	-31.97	43.50	29.66	256	126	Vertical
6	466.718	19.02	-23.49	46.00	26.98	164	157	Vertical

Final Data List

1.1.2 Transmitter emission above 1GHz

1.1.2.1 802.11B_Channel 1

Test Graph



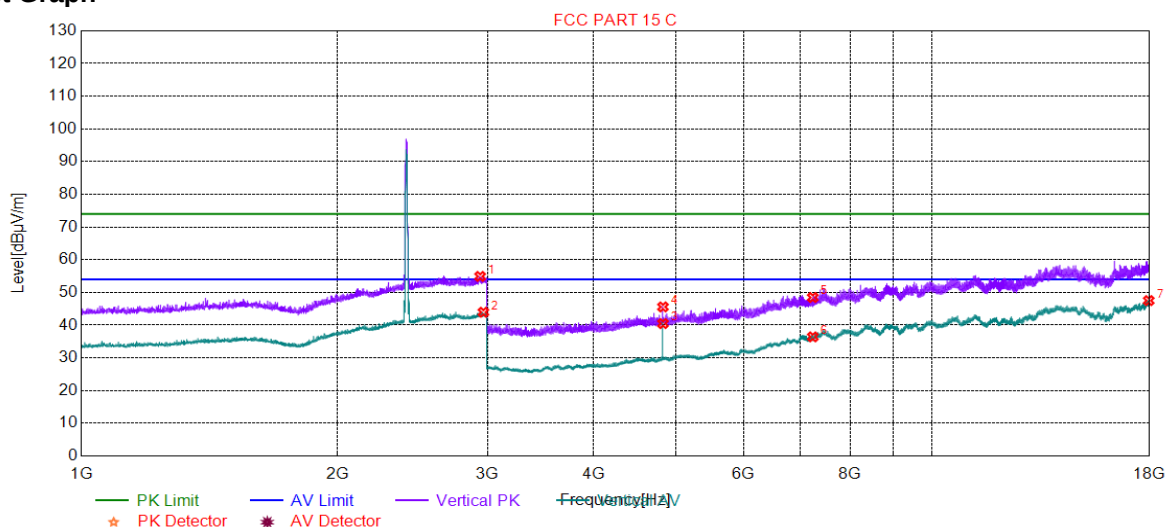
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2922.48	55.87	9.38	74.00	18.13	209	232	Horizontal
2	2966.49	43.96	9.60	54.00	10.04	159	246	Horizontal
3	4824.00	37.40	-18.21	54.00	16.60	247	342	Horizontal
4	4824.00	43.94	-18.21	74.00	30.06	120	342	Horizontal
5	7236.00	47.24	-9.99	74.00	26.76	159	360	Horizontal
6	7236.00	36.48	-9.99	54.00	17.52	168	18	Horizontal
7	17953.7	47.26	0.71	54.00	6.74	161	18	Horizontal

Final Data List

1.1.2.2 802.11B_Channel 1

Test Graph



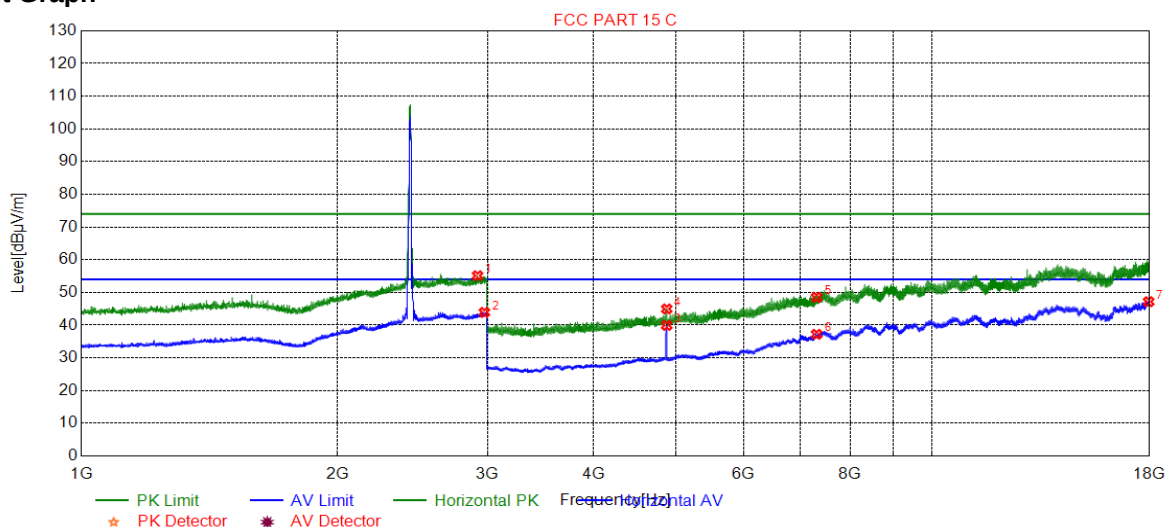
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2941.48	54.91	9.59	74.00	19.09	157	167	Vertical
2	2967.49	43.96	9.60	54.00	10.04	244	18	Vertical
3	4824.00	40.50	-18.21	54.00	13.50	167	178	Vertical
4	4824.00	45.59	-18.21	74.00	28.41	292	178	Vertical
5	7236.00	48.47	-9.99	74.00	25.53	226	119	Vertical
6	7236.00	36.44	-9.99	54.00	17.56	209	270	Vertical
7	17957.0	47.52	0.71	54.00	6.48	219	360	Vertical

Final Data List

1.1.2.3 802.11B_Channel 6

Test Graph



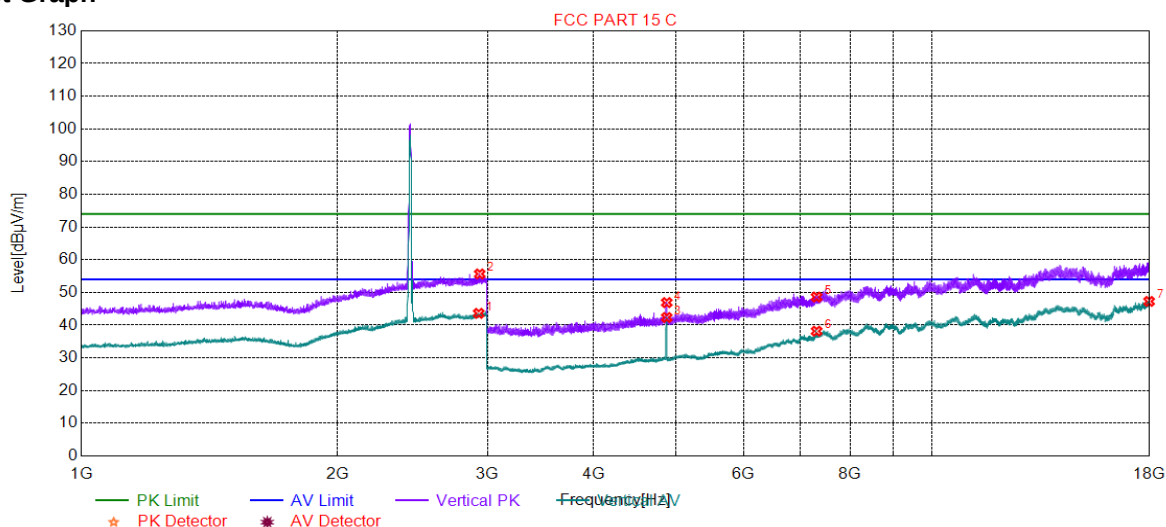
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2920.98	55.13	9.37	74.00	18.87	240	14	Horizontal
2	2975.99	43.93	9.56	54.00	10.07	174	151	Horizontal
3	4874.00	39.94	-17.99	54.00	14.06	186	342	Horizontal
4	4874.00	44.97	-17.99	74.00	29.03	115	232	Horizontal
5	7311.00	48.53	-9.74	74.00	25.47	224	69	Horizontal
6	7311.00	37.22	-9.74	54.00	16.78	162	69	Horizontal
7	17952.6	47.19	0.71	54.00	6.81	210	169	Horizontal

Final Data List

1.1.2.4 802.11B_Channel 6

Test Graph



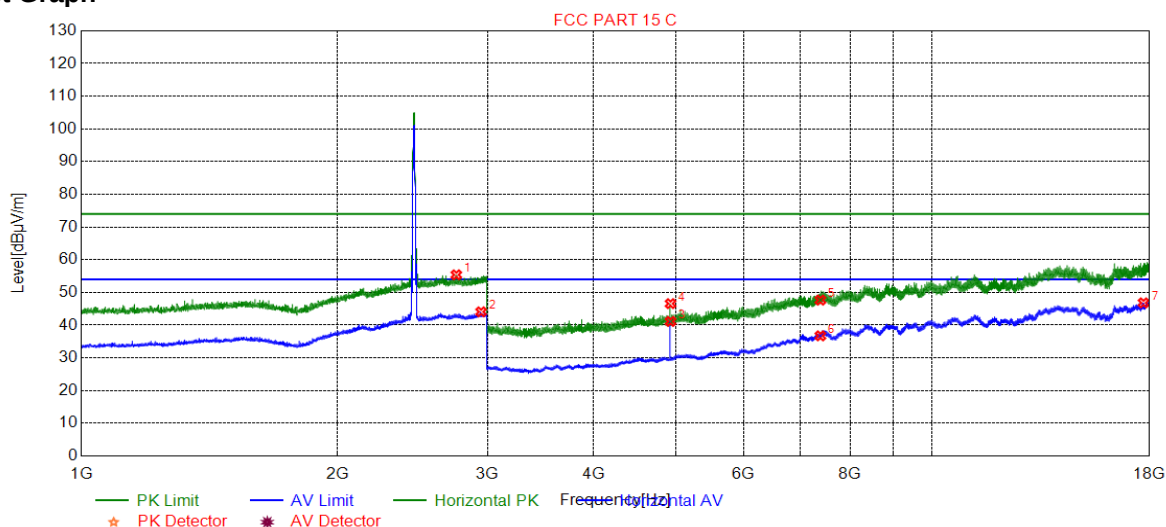
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2930.48	43.62	9.47	54.00	10.38	175	196	Vertical
2	2938.48	55.67	9.56	74.00	18.33	185	224	Vertical
3	4874.00	42.36	-17.99	54.00	11.64	285	95	Vertical
4	4874.00	46.91	-17.99	74.00	27.09	200	287	Vertical
5	7311.00	48.60	-9.74	74.00	25.40	154	68	Vertical
6	7311.00	38.18	-9.74	54.00	15.82	276	268	Vertical
7	17975.7	47.27	0.71	54.00	6.73	280	68	Vertical

Final Data List

1.1.2.5 802.11B_Channel 11

Test Graph



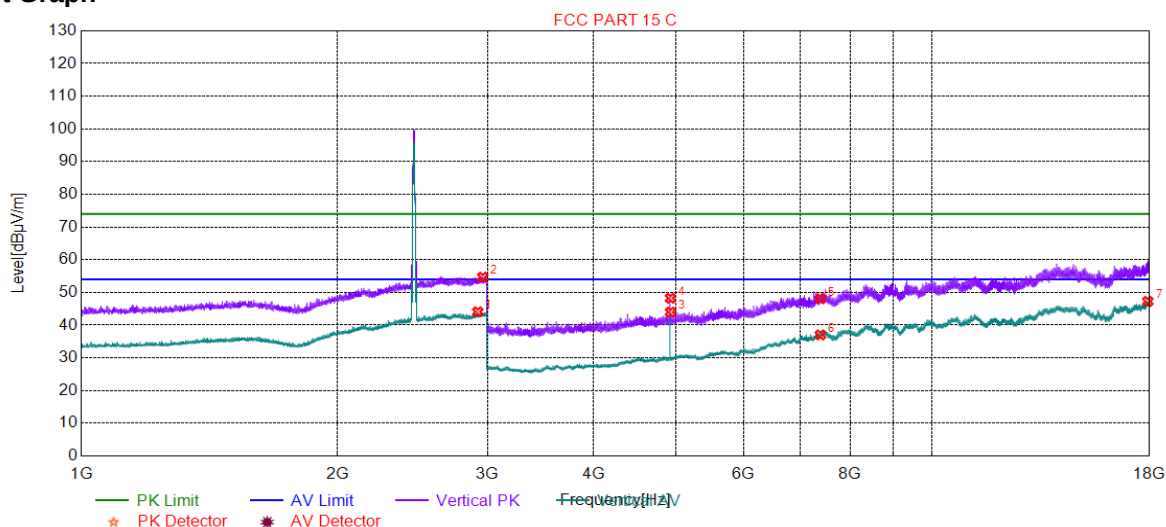
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2757.93	55.41	9.09	74.00	18.59	236	259	Horizontal
2	2948.98	44.09	9.67	54.00	9.91	276	328	Horizontal
3	4924.00	41.15	-17.72	54.00	12.85	262	342	Horizontal
4	4924.00	46.60	-17.72	74.00	27.40	195	342	Horizontal
5	7386.00	47.67	-9.55	74.00	26.33	182	168	Horizontal
6	7386.00	36.75	-9.55	54.00	17.25	212	270	Horizontal
7	17705.7	46.83	1.25	54.00	7.17	162	320	Horizontal

Final Data List

1.1.2.6 802.11B_Channel 11

Test Graph



Suspected List

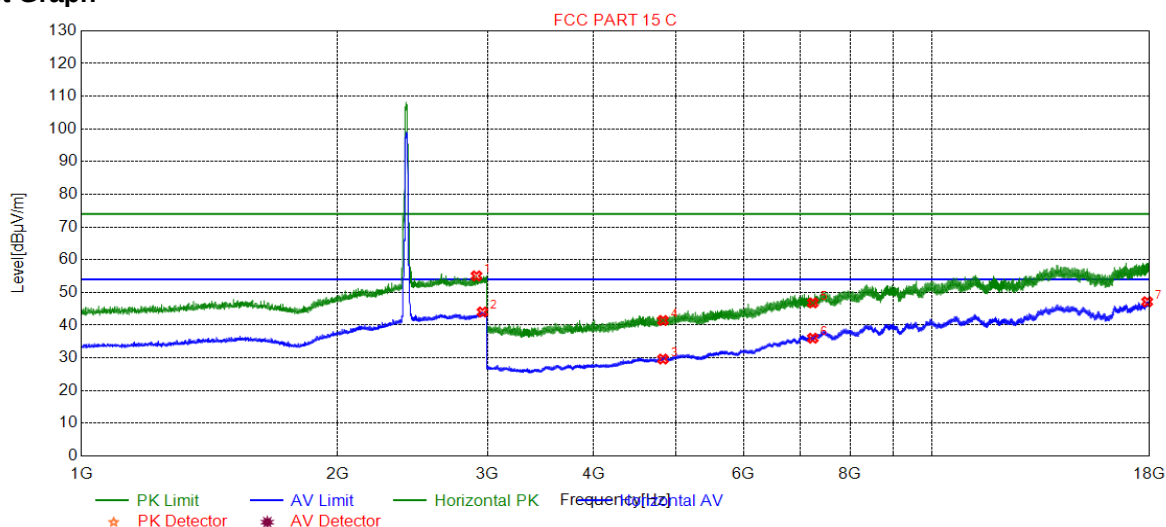
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2922.98	44.11	9.39	54.00	9.89	252	18	Vertical
2	2961.99	54.70	9.62	74.00	19.30	280	330	Vertical
3	4924.00	44.01	-17.72	54.00	9.99	157	204	Vertical
4	4924.00	48.24	-17.72	74.00	25.76	186	176	Vertical
5	7386.00	48.08	-9.55	74.00	25.92	266	277	Vertical
6	7386.00	37.03	-9.55	54.00	16.97	280	227	Vertical
7	17912.5	47.28	0.69	54.00	6.72	282	18	Vertical

Final Data List



1.1.2.7 802.11G_Channel 1

Test Graph



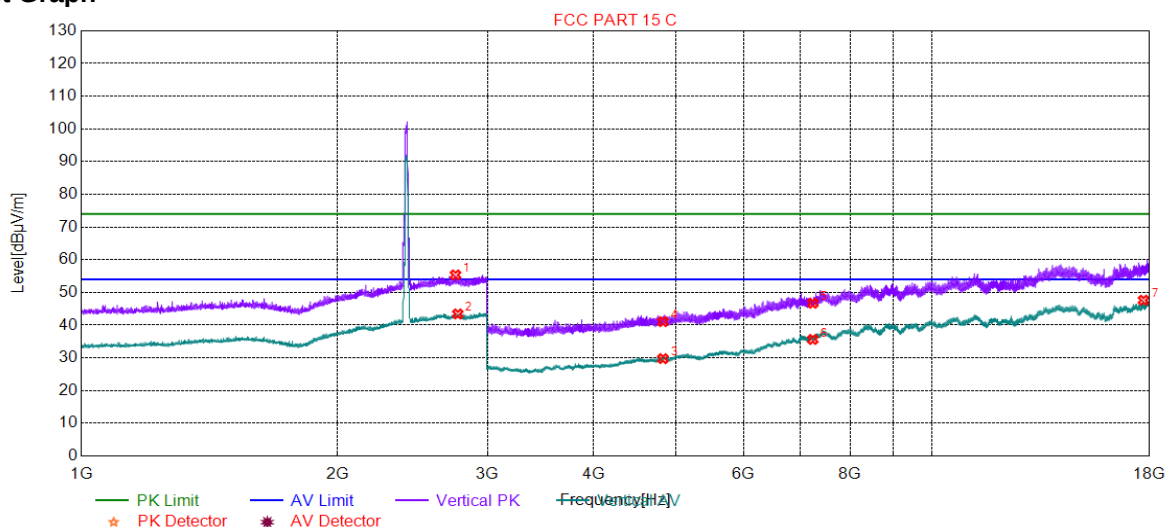
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2912.97	55.07	9.28	74.00	18.93	212	67	Horizontal
2	2960.49	44.03	9.63	54.00	9.97	237	13	Horizontal
3	4824.00	29.65	-18.21	54.00	24.35	197	205	Horizontal
4	4824.00	41.45	-18.21	74.00	32.55	190	342	Horizontal
5	7236.00	46.83	-9.99	74.00	27.17	215	18	Horizontal
6	7236.00	36.03	-9.99	54.00	17.97	141	18	Horizontal
7	17882.8	47.17	0.46	54.00	6.83	168	320	Horizontal

Final Data List

1.1.2.8 802.11G_Channel 1

Test Graph



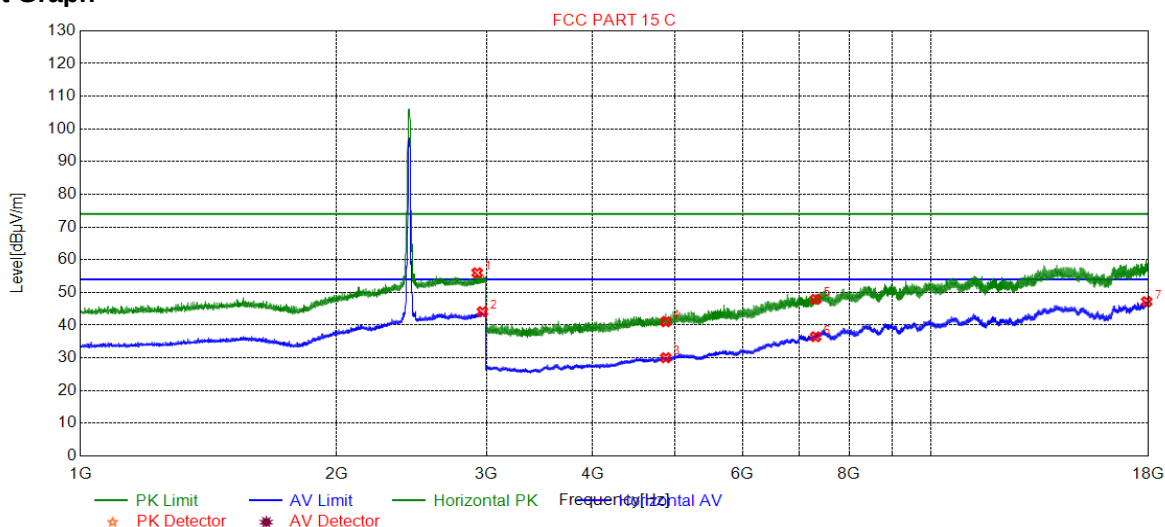
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2751.93	55.37	9.10	74.00	18.63	290	308	Vertical
2	2768.94	43.44	9.06	54.00	10.56	169	266	Vertical
3	4824.00	29.77	-18.21	54.00	24.23	209	95	Vertical
4	4824.00	41.08	-18.21	74.00	32.92	166	260	Vertical
5	7236.00	46.72	-9.99	74.00	27.28	258	169	Vertical
6	7236.00	35.64	-9.99	54.00	18.36	161	320	Vertical
7	17704.6	47.63	1.27	54.00	6.37	175	169	Vertical

Final Data List

1.1.2.9 802.11G_Channel 6

Test Graph



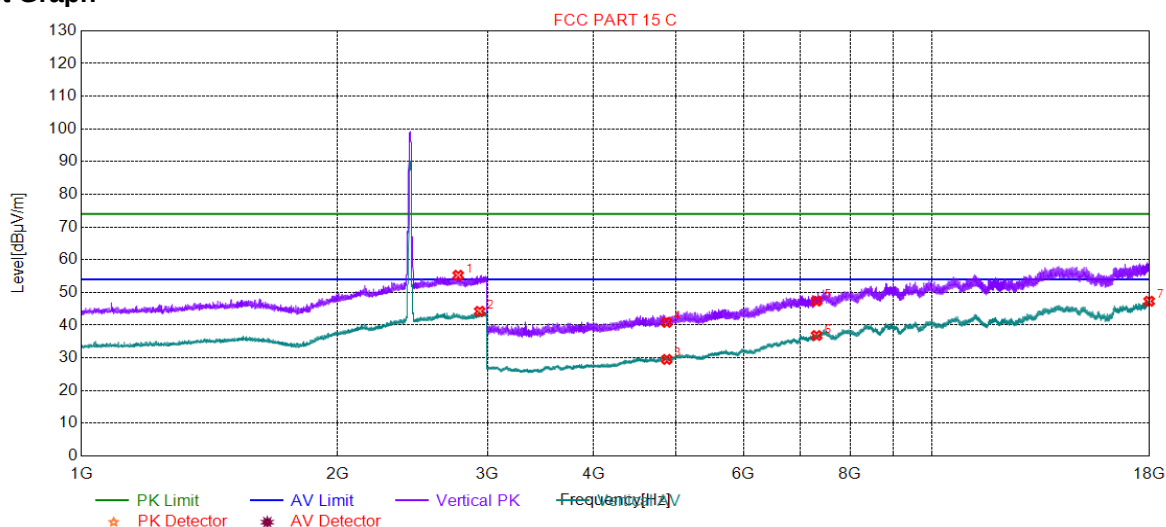
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2925.98	56.02	9.42	74.00	17.98	198	39	Horizontal
2	2967.99	44.12	9.60	54.00	9.88	137	2	Horizontal
3	4874.00	30.05	-17.99	54.00	23.95	105	232	Horizontal
4	4874.00	41.05	-17.99	74.00	32.95	174	204	Horizontal
5	7311.00	47.91	-9.74	74.00	26.09	224	68	Horizontal
6	7311.00	36.48	-9.74	54.00	17.52	167	169	Horizontal
7	17904.8	47.21	0.69	54.00	6.79	242	118	Horizontal

Final Data List

1.1.2.10 802.11G_Channel 6

Test Graph



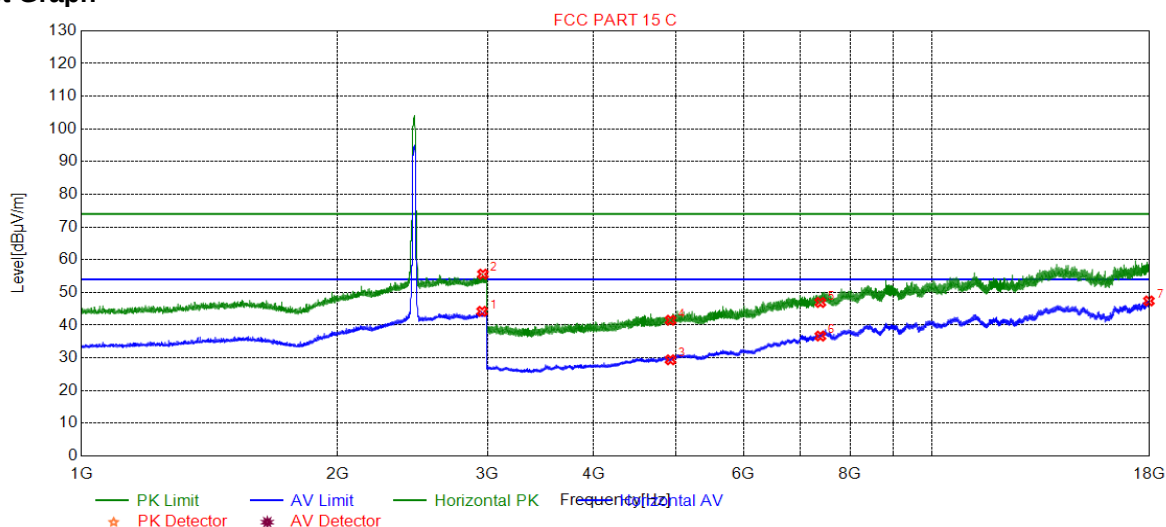
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2771.94	55.26	9.05	74.00	18.74	298	265	Vertical
2	2937.98	44.25	9.55	54.00	9.75	194	265	Vertical
3	4874.00	29.54	-17.99	54.00	24.46	243	12	Vertical
4	4874.00	40.87	-17.99	74.00	33.13	217	150	Vertical
5	7311.00	47.37	-9.74	74.00	26.63	252	269	Vertical
6	7311.00	36.85	-9.74	54.00	17.15	249	219	Vertical
7	17975.7	47.33	0.71	54.00	6.67	195	219	Vertical

Final Data List

1.1.2.11 802.11G_Channel 11

Test Graph



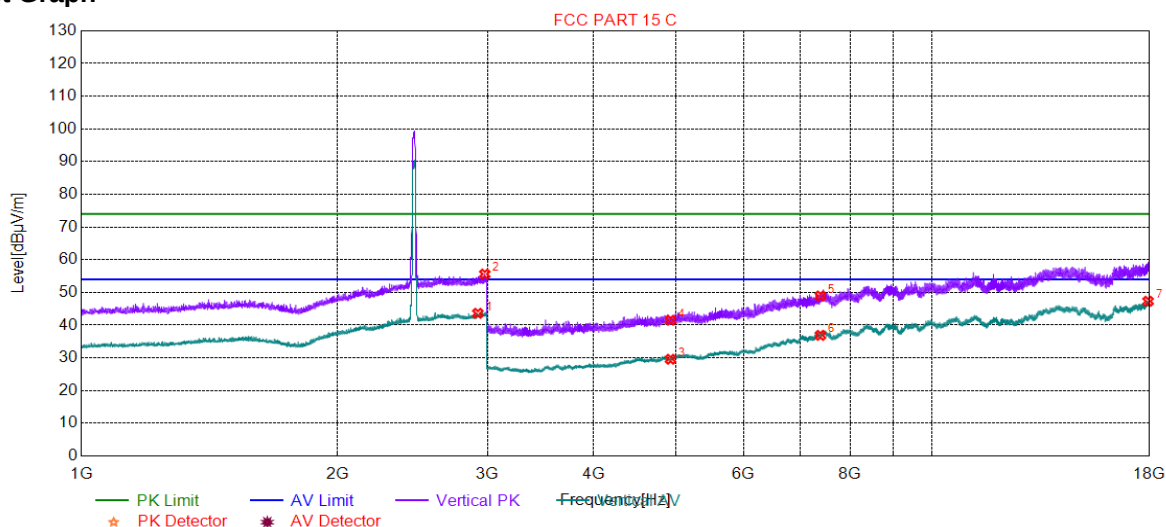
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2957.48	44.24	9.65	54.00	9.76	235	162	Horizontal
2	2963.99	55.61	9.62	74.00	18.39	210	121	Horizontal
3	4924.00	29.42	-17.72	54.00	24.58	100	201	Horizontal
4	4924.00	41.52	-17.72	74.00	32.48	125	64	Horizontal
5	7386.00	46.95	-9.55	74.00	27.05	212	269	Horizontal
6	7386.00	36.68	-9.55	54.00	17.32	229	219	Horizontal
7	17964.7	47.41	0.71	54.00	6.59	228	118	Horizontal

Final Data List

1.1.2.12 802.11G_Channel 11

Test Graph



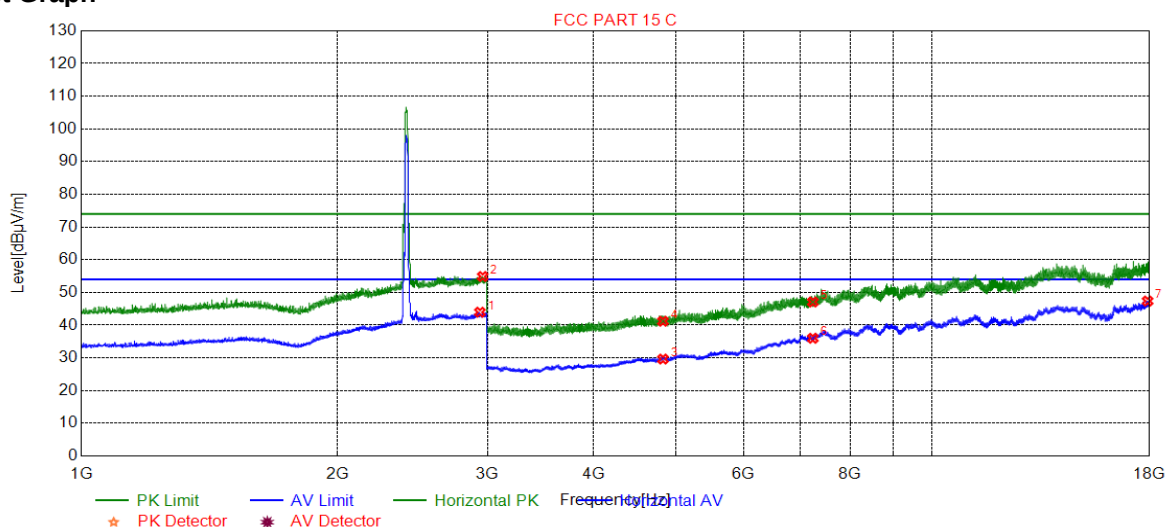
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2923.48	43.64	9.39	54.00	10.36	244	128	Vertical
2	2978.99	55.63	9.55	74.00	18.37	163	87	Vertical
3	4924.00	29.60	-17.72	54.00	24.40	202	42	Vertical
4	4924.00	41.52	-17.72	74.00	32.48	280	342	Vertical
5	7386.00	48.95	-9.55	74.00	25.05	253	269	Vertical
6	7386.00	36.90	-9.55	54.00	17.10	244	319	Vertical
7	17925.7	47.32	0.70	54.00	6.68	262	18	Vertical

Final Data List

1.1.2.13 802.11N20_Channel 1

Test Graph



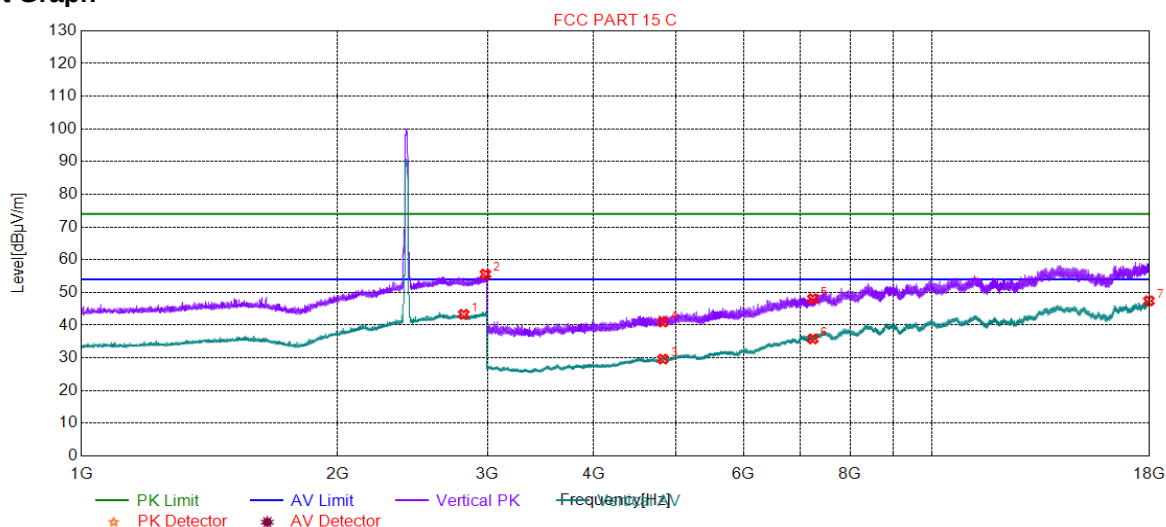
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2939.98	43.97	9.57	54.00	10.03	137	16	Horizontal
2	2961.99	54.89	9.62	74.00	19.11	127	16	Horizontal
3	4824.00	29.65	-18.21	54.00	24.35	185	233	Horizontal
4	4824.00	41.21	-18.21	74.00	32.79	198	342	Horizontal
5	7236.00	47.10	-9.99	74.00	26.90	148	321	Horizontal
6	7236.00	36.01	-9.99	54.00	17.99	233	321	Horizontal
7	17903.7	47.38	0.69	54.00	6.62	178	119	Horizontal

Final Data List

1.1.2.14 802.11N20_Channel 1

Test Graph



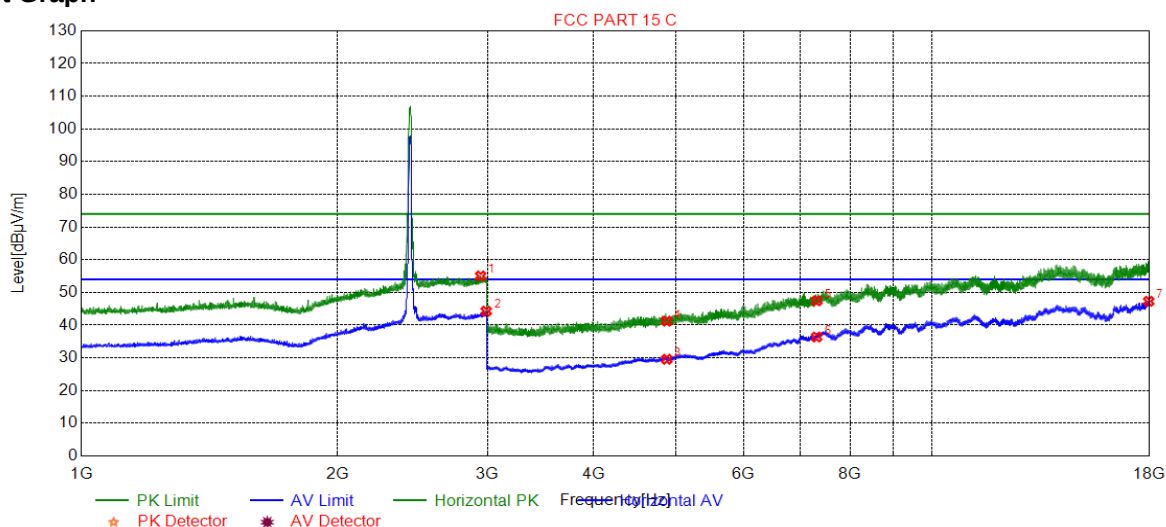
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2813.95	43.32	9.05	54.00	10.68	248	196	Vertical
2	2983.49	55.60	9.53	74.00	18.40	218	18	Vertical
3	4824.00	29.64	-18.21	54.00	24.36	285	13	Vertical
4	4824.00	40.99	-18.21	74.00	33.01	252	205	Vertical
5	7236.00	48.09	-9.99	74.00	25.91	174	360	Vertical
6	7236.00	35.81	-9.99	54.00	18.19	258	269	Vertical
7	17964.7	47.43	0.71	54.00	6.57	218	320	Vertical

Final Data List

1.1.2.15 802.11N20_Channel 6

Test Graph



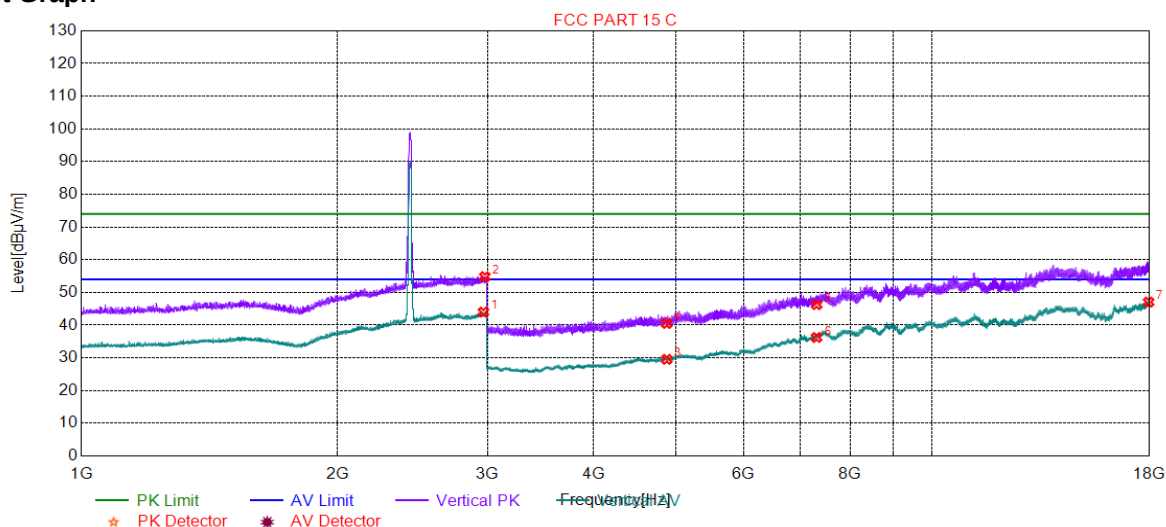
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2945.98	55.06	9.64	74.00	18.94	228	137	Horizontal
2	2989.99	44.30	9.50	54.00	9.70	150	247	Horizontal
3	4874.00	29.59	-17.99	54.00	24.41	136	15	Horizontal
4	4874.00	41.26	-17.99	74.00	32.74	130	260	Horizontal
5	7311.00	47.45	-9.74	74.00	26.55	216	119	Horizontal
6	7311.00	36.39	-9.74	54.00	17.61	134	169	Horizontal
7	17953.7	47.31	0.71	54.00	6.69	120	69	Horizontal

Final Data List

1.1.2.16 802.11N20_Channel 6

Test Graph



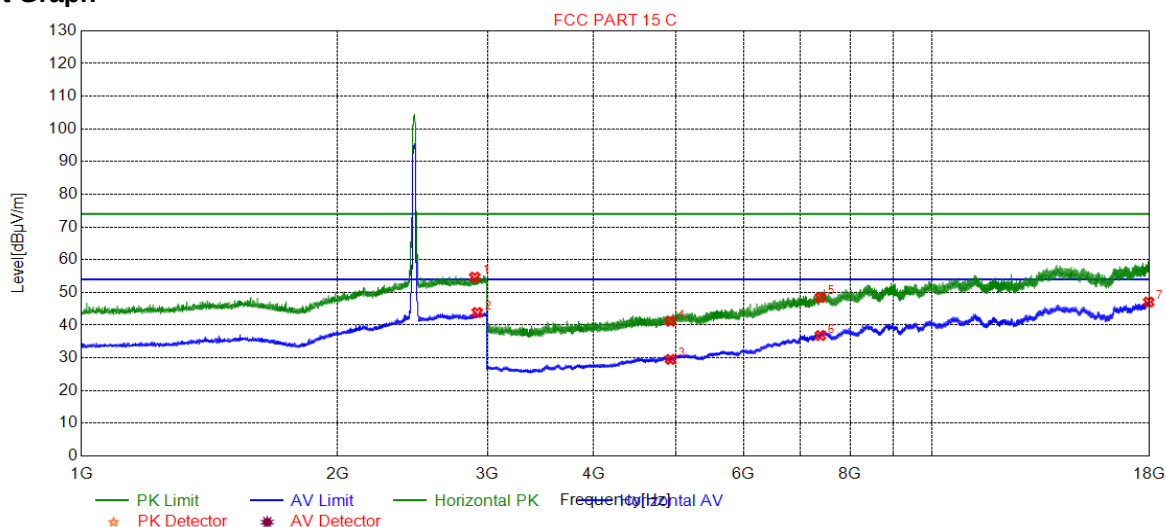
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2967.99	44.00	9.60	54.00	10.00	214	279	Vertical
2	2979.49	54.83	9.54	74.00	19.17	290	196	Vertical
3	4874.00	29.56	-17.99	54.00	24.44	174	288	Vertical
4	4874.00	40.53	-17.99	74.00	33.47	273	260	Vertical
5	7311.00	46.30	-9.74	74.00	27.70	229	270	Vertical
6	7311.00	36.25	-9.74	54.00	17.75	214	320	Vertical
7	17952.1	47.06	0.71	54.00	6.94	241	320	Vertical

Final Data List

1.1.2.17 802.11N20_Channel 11

Test Graph



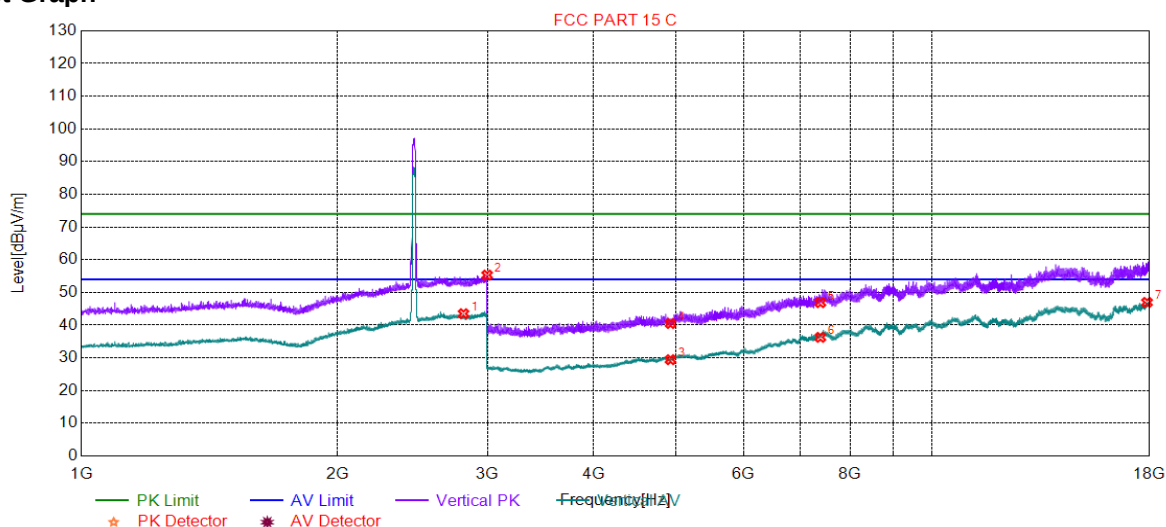
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2898.97	54.72	9.14	74.00	19.28	130	124	Horizontal
2	2917.97	43.90	9.33	54.00	10.10	185	192	Horizontal
3	4924.00	29.55	-17.72	54.00	24.45	199	315	Horizontal
4	4924.00	41.24	-17.72	74.00	32.76	140	260	Horizontal
5	7386.00	48.48	-9.55	74.00	25.52	135	360	Horizontal
6	7386.00	36.84	-9.55	54.00	17.16	154	270	Horizontal
7	17951.0	47.08	0.71	54.00	6.92	160	320	Horizontal

Final Data List

1.1.2.18 802.11N20_Channel 11

Test Graph



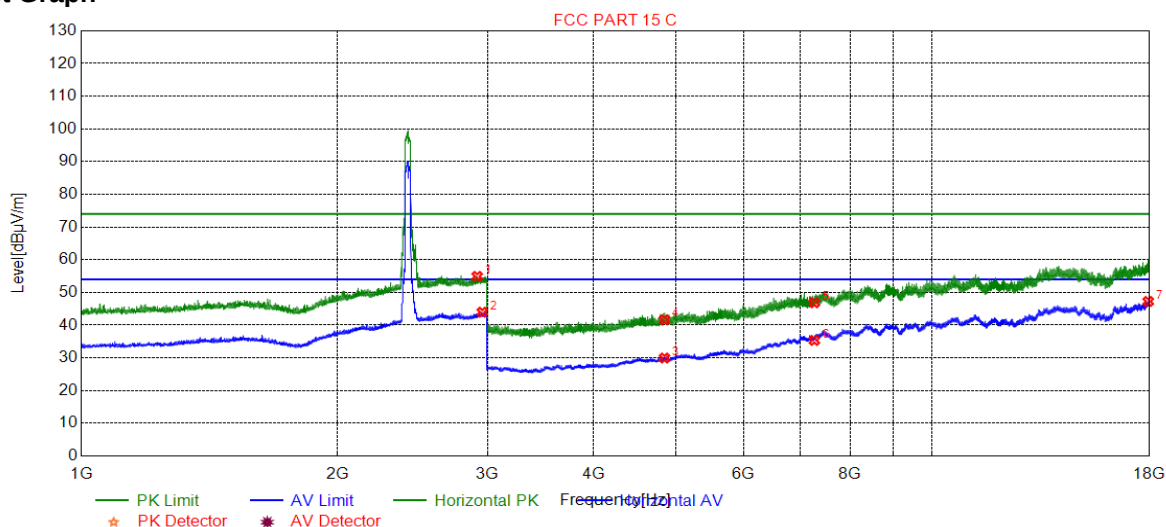
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2812.45	43.51	9.04	54.00	10.49	244	153	Vertical
2	2997.99	55.31	9.46	74.00	18.69	210	86	Vertical
3	4924.00	29.46	-17.72	54.00	24.54	155	315	Vertical
4	4924.00	40.51	-17.72	74.00	33.49	261	232	Vertical
5	7386.00	46.89	-9.55	74.00	27.11	220	360	Vertical
6	7386.00	36.29	-9.55	54.00	17.71	268	170	Vertical
7	17874.0	46.97	0.35	54.00	7.03	165	170	Vertical

Final Data List

1.1.2.19 802.11N40_Channel 3

Test Graph



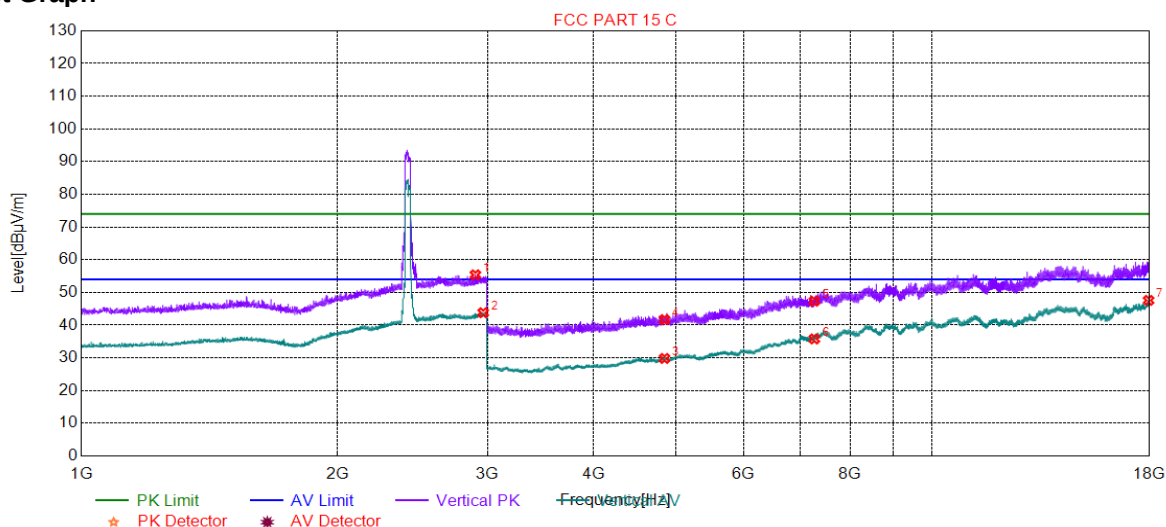
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2918.47	54.93	9.34	74.00	19.07	106	176	Horizontal
2	2958.48	43.98	9.64	54.00	10.02	124	342	Horizontal
3	4844.00	29.97	-18.13	54.00	24.03	176	149	Horizontal
4	4844.00	41.65	-18.13	74.00	32.35	122	204	Horizontal
5	7266.00	46.88	-9.88	74.00	27.12	216	69	Horizontal
6	7266.00	35.36	-9.88	54.00	18.64	187	220	Horizontal
7	17930.6	47.26	0.70	54.00	6.74	119	119	Horizontal

Final Data List

1.1.2.20 802.11N40_Channel 3

Test Graph



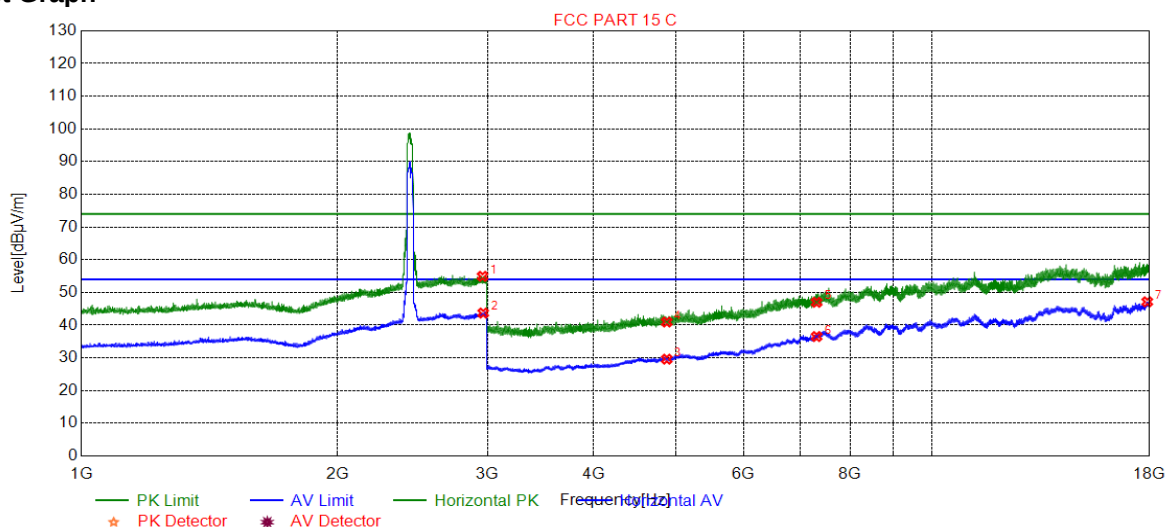
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2903.97	55.41	9.18	74.00	18.59	236	169	Vertical
2	2965.99	43.82	9.61	54.00	10.18	276	358	Vertical
3	4844.00	29.84	-18.13	54.00	24.16	262	204	Vertical
4	4844.00	41.71	-18.13	74.00	32.29	195	204	Vertical
5	7266.00	47.35	-9.88	74.00	26.65	182	320	Vertical
6	7266.00	35.80	-9.88	54.00	18.20	212	18	Vertical
7	17949.3	47.59	0.70	54.00	6.41	162	219	Vertical

Final Data List

1.1.2.21 802.11N40_Channel 6

Test Graph



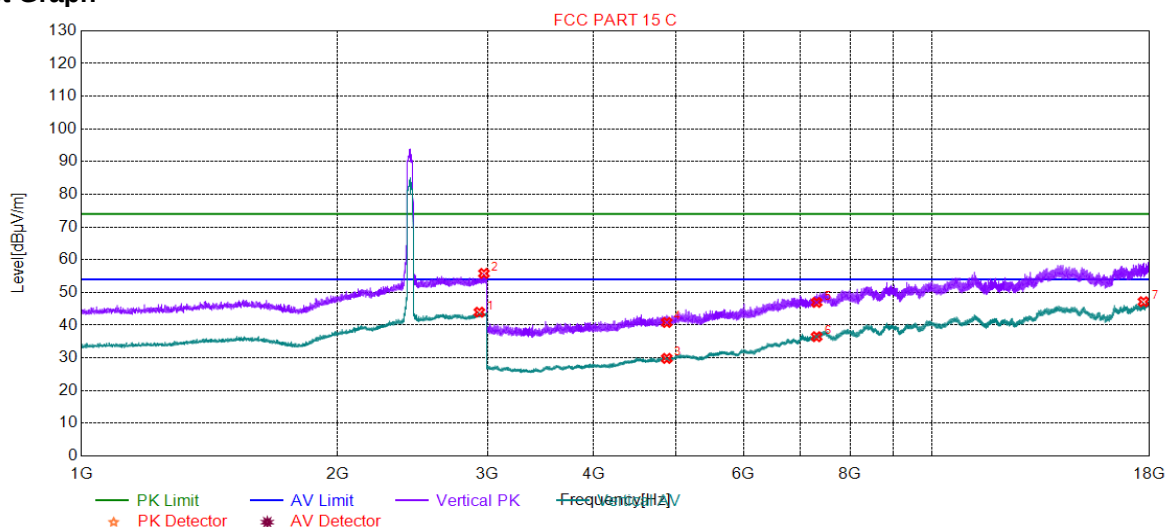
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2960.99	54.94	9.63	74.00	19.06	188	96	Horizontal
2	2965.99	43.71	9.61	54.00	10.29	158	110	Horizontal
3	4874.00	29.61	-17.99	54.00	24.39	123	150	Horizontal
4	4874.00	40.97	-17.99	74.00	33.03	168	315	Horizontal
5	7311.00	47.01	-9.74	74.00	26.99	244	321	Horizontal
6	7311.00	36.54	-9.74	54.00	17.46	135	220	Horizontal
7	17885.0	47.15	0.49	54.00	6.85	220	220	Horizontal

Final Data List

1.1.2.22 802.11N40_Channel 6

Test Graph



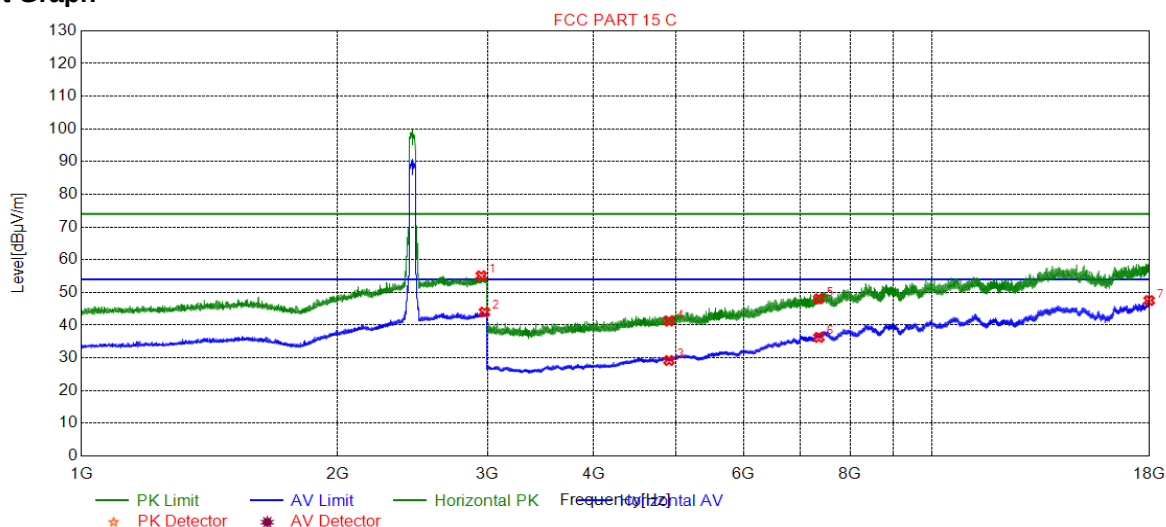
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2935.48	43.98	9.52	54.00	10.02	240	358	Vertical
2	2971.99	55.83	9.58	74.00	18.17	243	59	Vertical
3	4874.00	29.85	-17.99	54.00	24.15	289	206	Vertical
4	4874.00	40.84	-17.99	74.00	33.16	155	315	Vertical
5	7311.00	46.96	-9.74	74.00	27.04	246	220	Vertical
6	7311.00	36.48	-9.74	54.00	17.52	181	220	Vertical
7	17707.3	47.17	1.21	54.00	6.83	199	320	Vertical

Final Data List

1.1.2.23 802.11N40_Channel 9

Test Graph



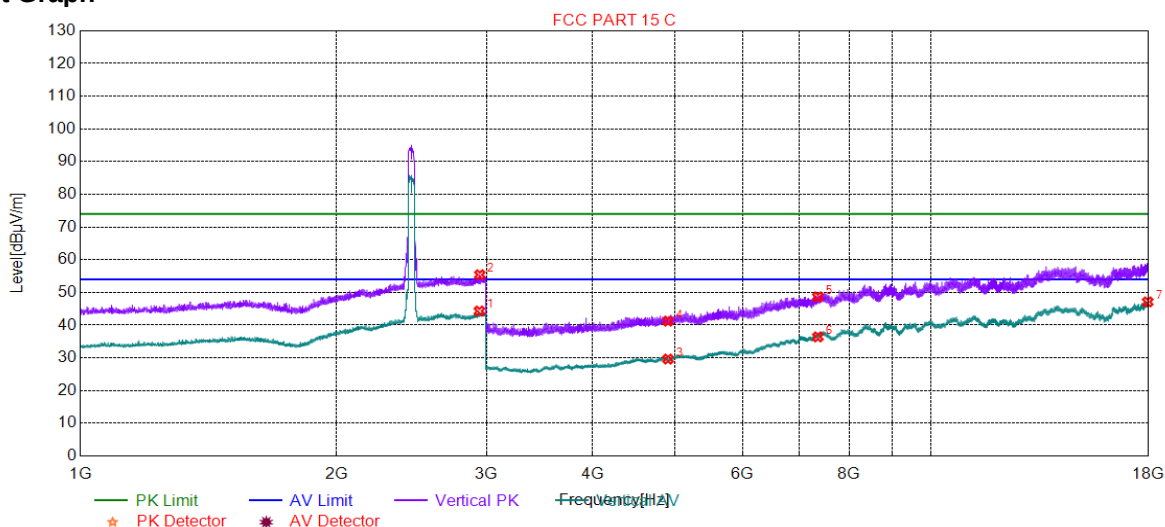
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2950.48	55.11	9.68	74.00	18.89	211	110	Horizontal
2	2976.49	44.00	9.56	54.00	10.00	155	164	Horizontal
3	4904.00	29.22	-17.85	54.00	24.78	135	314	Horizontal
4	4904.00	41.25	-17.85	74.00	32.75	213	259	Horizontal
5	7356.00	48.10	-9.62	74.00	25.90	145	319	Horizontal
6	7356.00	36.26	-9.62	54.00	17.74	156	219	Horizontal
7	17976.3	47.55	0.71	54.00	6.45	170	69	Horizontal

Final Data List

1.1.2.24 802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2943.98	44.33	9.62	54.00	9.67	278	334	Vertical
2	2946.98	55.43	9.65	74.00	18.57	162	347	Vertical
3	4904.00	29.64	-17.85	54.00	24.36	257	228	Vertical
4	4904.00	41.25	-17.85	74.00	32.75	214	59	Vertical
5	7356.00	48.67	-9.62	74.00	25.33	171	169	Vertical
6	7356.00	36.43	-9.62	54.00	17.57	196	219	Vertical
7	17955.9	47.12	0.71	54.00	6.88	274	68	Vertical

Final Data List

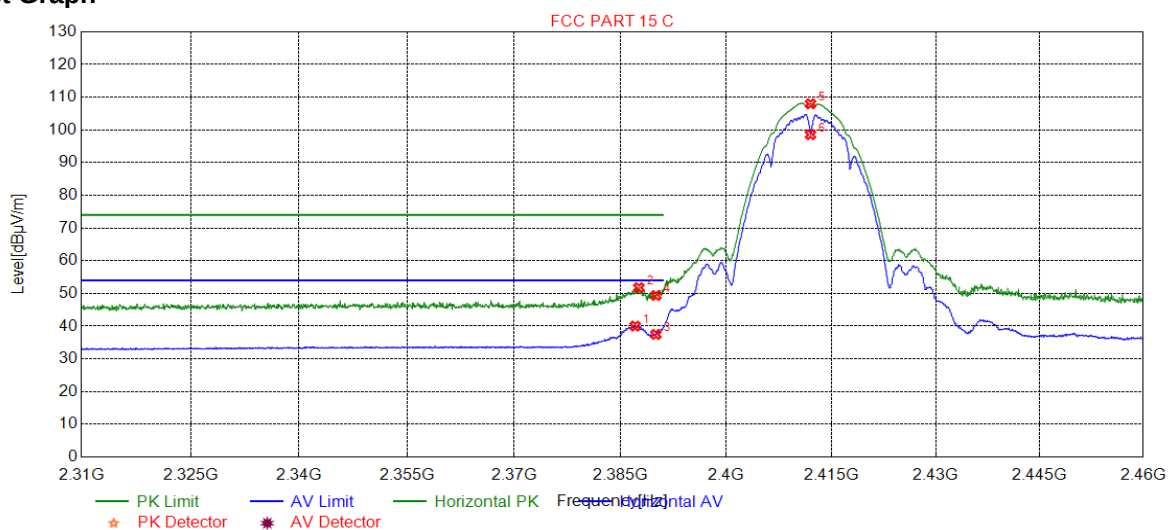
Remark:

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

1.2 Restricted bands around fundamental frequency

1.2.1.1 802.11B_Channel 1

Test Graph



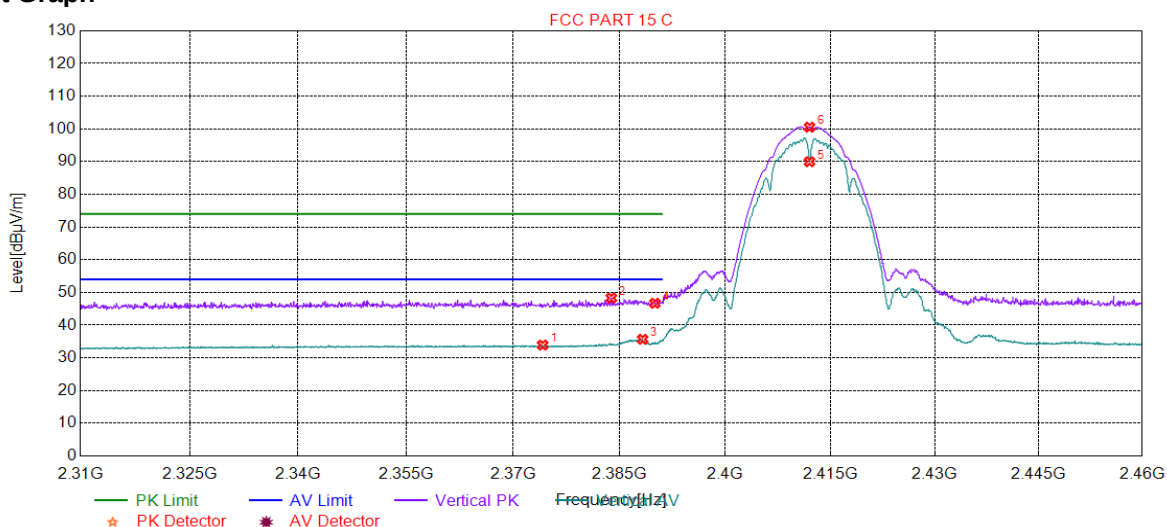
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2387.06	40.03	7.77	54.00	13.97	193	188	Horizontal
2	2387.58	51.79	7.77	74.00	22.21	103	193	Horizontal
3	2390.00	37.47	7.77	54.00	16.53	117	188	Horizontal
4	2390.00	49.39	7.77	74.00	24.61	161	177	Horizontal
5	2412.00	107.99	7.81	0.00	-107.99	190	188	Horizontal
6	2412.00	98.55	7.81	0.00	-98.55	186	182	Horizontal

Final Data List

1.2.1.2 802.11B_Channel 1

Test Graph



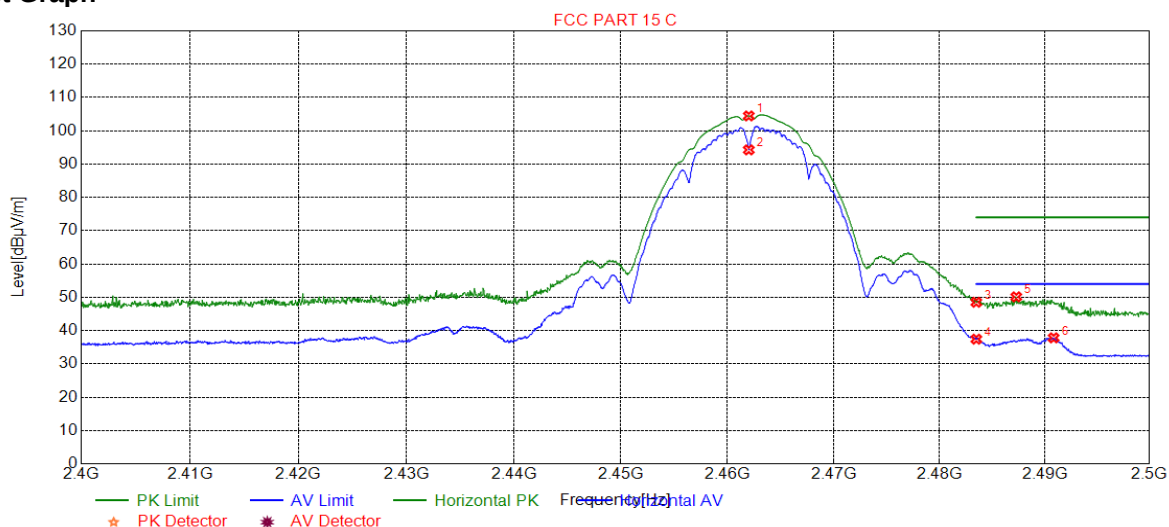
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2374.15	33.92	7.79	54.00	20.08	177	122	Vertical
2	2383.83	48.31	7.78	74.00	25.69	155	155	Vertical
3	2388.26	35.68	7.77	54.00	18.32	237	308	Vertical
4	2390.00	46.71	7.77	74.00	27.29	287	248	Vertical
5	2412.00	89.99	7.81	0.00	-89.99	273	303	Vertical
6	2412.00	100.55	7.81	0.00	-100.55	261	308	Vertical

Final Data List

1.2.1.3 802.11B_Channel 11

Test Graph



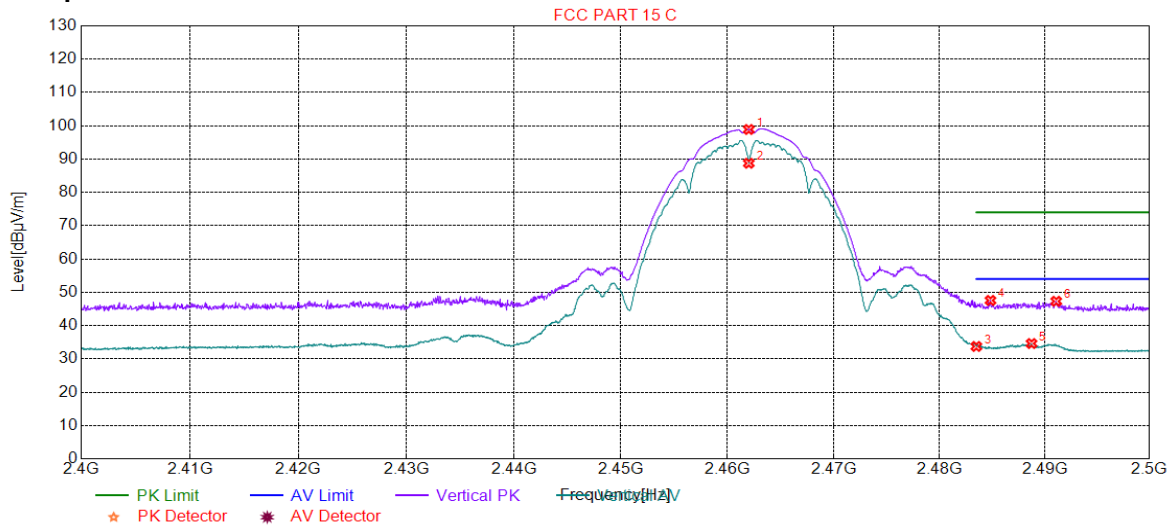
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	104.46	7.98	0.00	-104.46	204	188	Horizontal
2	2462.00	94.27	7.98	0.00	-94.27	240	188	Horizontal
3	2483.50	48.53	8.01	74.00	25.47	212	134	Horizontal
4	2483.50	37.46	8.01	54.00	16.54	166	215	Horizontal
5	2487.29	50.16	8.01	74.00	23.84	216	160	Horizontal
6	2490.84	37.85	8.02	54.00	16.15	141	166	Horizontal

Final Data List

1.2.1.4 802.11B_Channel 11

Test Graph



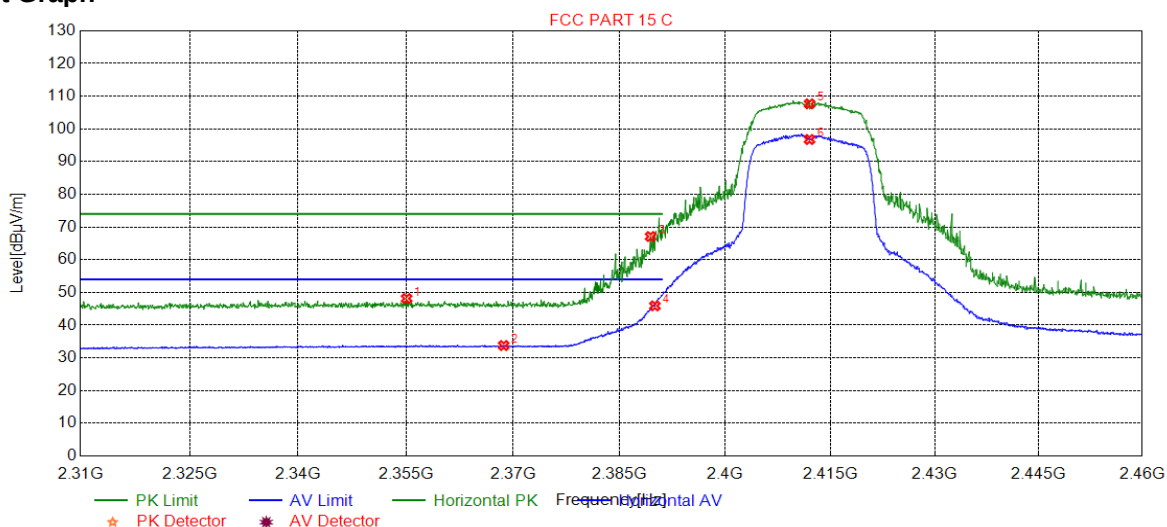
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	98.90	7.98	0.00	-98.90	284	41	Vertical
2	2462.00	88.75	7.98	0.00	-88.75	286	315	Vertical
3	2483.50	33.77	8.01	54.00	20.23	194	315	Vertical
4	2484.84	47.58	8.01	74.00	26.42	251	315	Vertical
5	2488.74	34.64	8.02	54.00	19.36	212	315	Vertical
6	2491.09	47.33	8.02	74.00	26.67	296	14	Vertical

Final Data List

1.2.1.5 802.11G_Channel 1

Test Graph



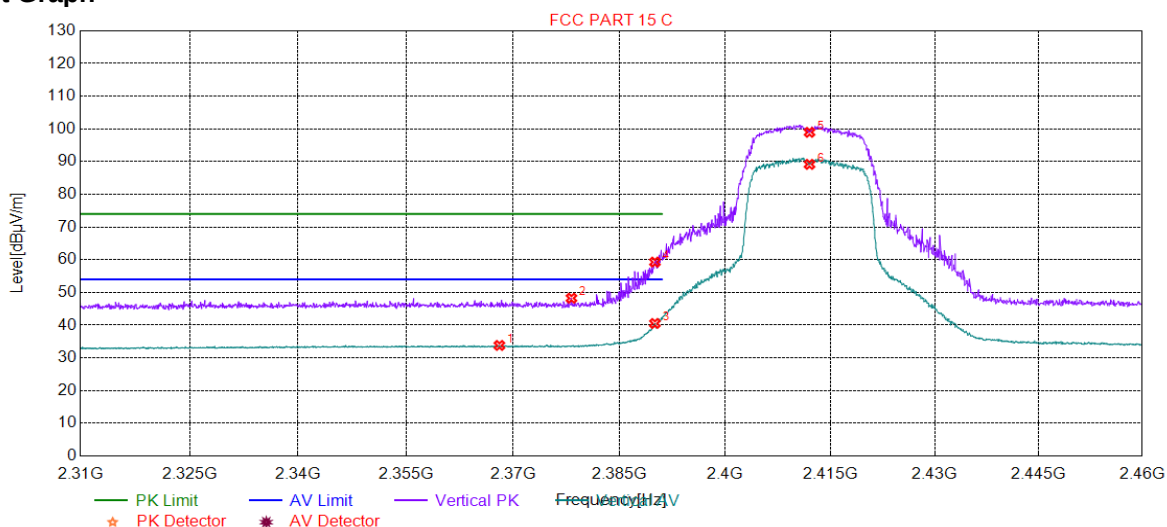
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2355.09	48.15	7.80	74.00	25.85	213	161	Horizontal
2	2368.67	33.79	7.79	54.00	20.21	199	221	Horizontal
3	2389.38	67.12	7.77	74.00	6.88	228	188	Horizontal
4	2390.00	45.91	7.77	54.00	8.09	175	188	Horizontal
5	2412.00	107.68	7.81	0.00	-107.68	234	194	Horizontal
6	2412.00	96.78	7.81	0.00	-96.78	129	188	Horizontal

Final Data List

1.2.1.6 802.11G_Channel 1

Test Graph



Suspected List

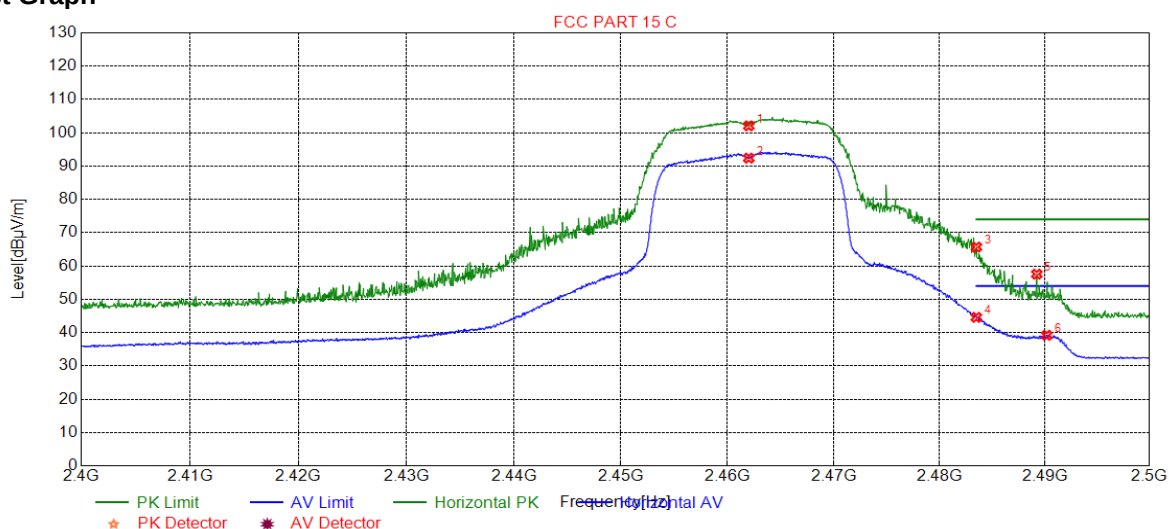
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2368.07	33.81	7.79	54.00	20.19	231	220	Vertical
2	2378.20	48.26	7.78	74.00	25.74	283	285	Vertical
3	2390.00	40.54	7.77	54.00	13.46	153	40	Vertical
4	2390.00	59.30	7.77	74.00	14.70	171	225	Vertical
5	2412.00	98.97	7.81	0.00	-98.97	260	40	Vertical
6	2412.00	89.18	7.81	0.00	-89.18	181	40	Vertical

Final Data List



1.2.1.7 802.11G_Channel 11

Test Graph



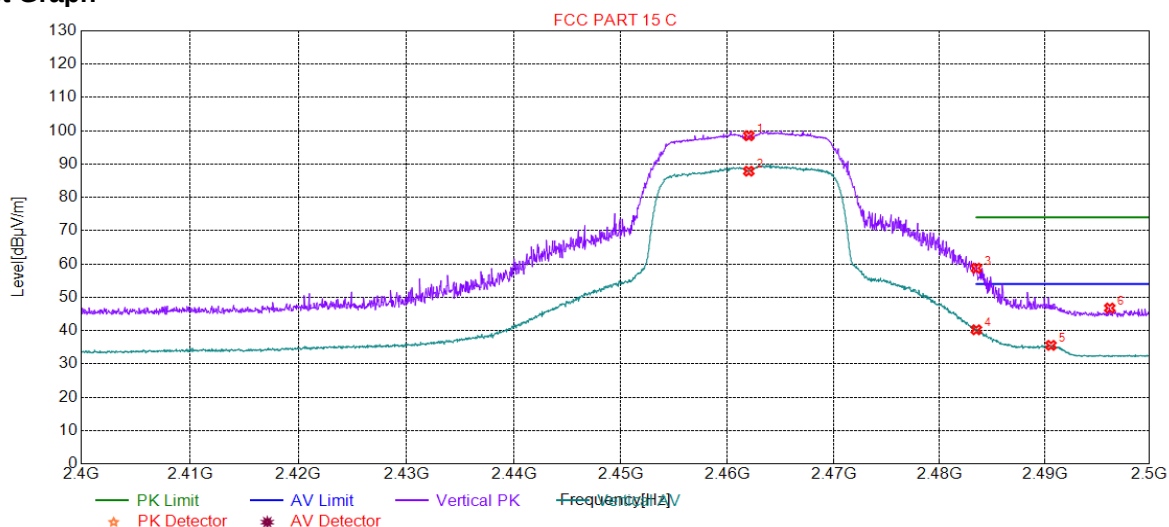
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	102.08	7.98	0.00	-102.08	103	165	Horizontal
2	2462.00	92.39	7.98	0.00	-92.39	114	143	Horizontal
3	2483.50	65.70	8.01	74.00	8.30	230	138	Horizontal
4	2483.50	44.60	8.01	54.00	9.40	221	143	Horizontal
5	2489.24	57.57	8.02	74.00	16.43	121	143	Horizontal
6	2490.19	39.22	8.02	54.00	14.78	141	143	Horizontal

Final Data List

1.2.1.8 802.11G_Channel 11

Test Graph



Suspected List

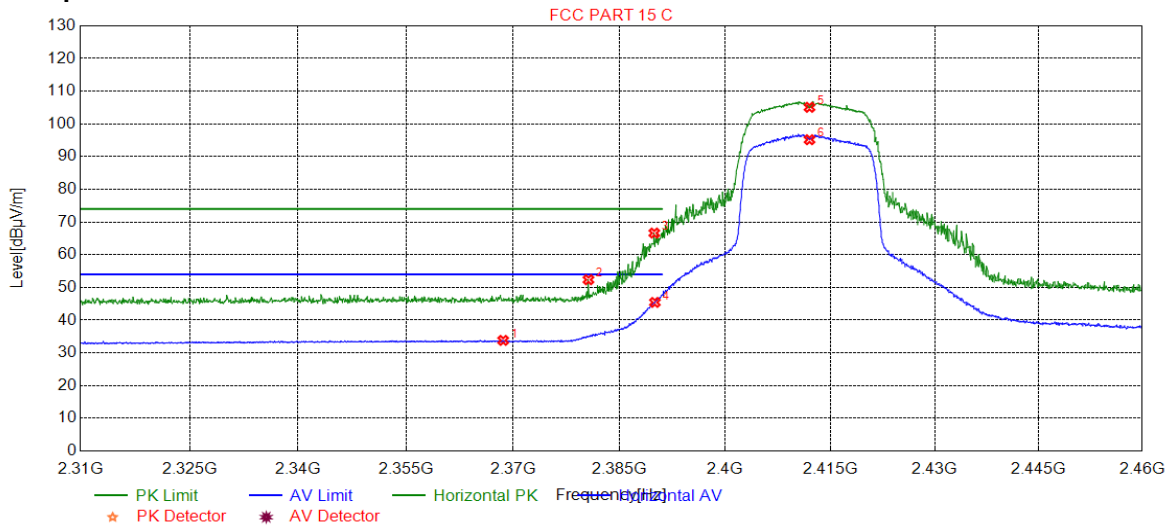
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	98.52	7.98	0.00	-98.52	226	19	Vertical
2	2462.00	87.87	7.98	0.00	-87.87	195	19	Vertical
3	2483.50	58.76	8.01	74.00	15.24	264	214	Vertical
4	2483.50	40.27	8.01	54.00	13.73	254	220	Vertical
5	2490.59	35.60	8.02	54.00	18.40	287	220	Vertical
6	2496.19	46.79	8.03	74.00	27.21	194	252	Vertical

Final Data List



1.2.1.9 802.11N20_Channel 1

Test Graph



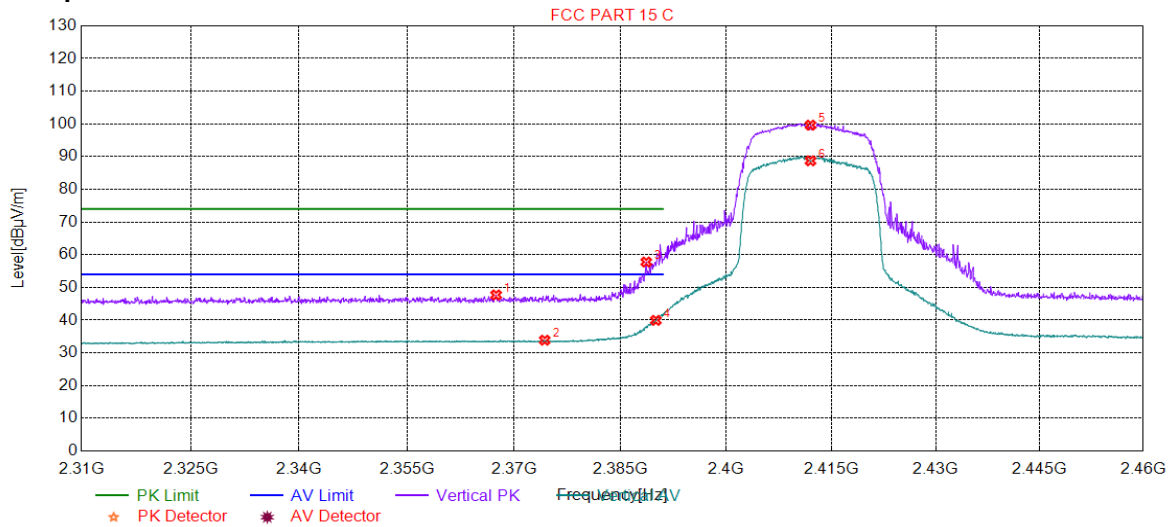
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2368.60	33.83	7.79	54.00	20.17	161	199	Horizontal
2	2380.61	52.37	7.78	74.00	21.63	165	199	Horizontal
3	2389.91	66.64	7.77	74.00	7.36	249	210	Horizontal
4	2390.00	45.44	7.77	54.00	8.56	117	210	Horizontal
5	2412.00	105.09	7.81	0.00	-105.09	135	205	Horizontal
6	2412.00	95.18	7.81	0.00	-95.18	238	199	Horizontal

Final Data List

1.2.1.10 802.11N20_Channel 1

Test Graph



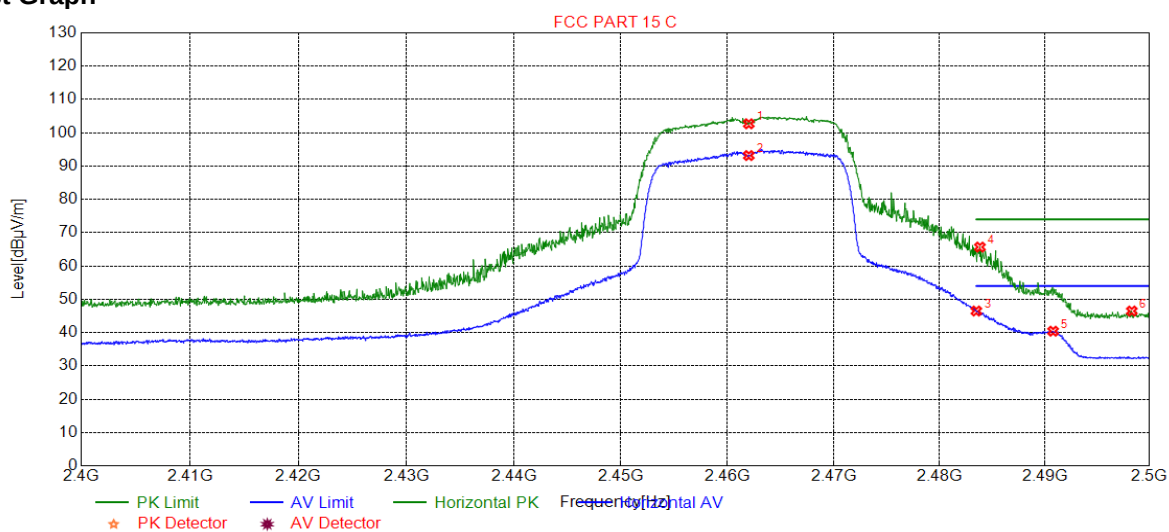
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2367.47	47.71	7.79	74.00	26.29	260	118	Vertical
2	2374.30	33.89	7.79	54.00	20.11	189	327	Vertical
3	2388.63	57.79	7.77	74.00	16.21	160	233	Vertical
4	2390.00	39.95	7.77	54.00	14.05	207	228	Vertical
5	2412.00	99.64	7.81	0.00	-99.64	274	68	Vertical
6	2412.00	88.73	7.81	0.00	-88.73	249	62	Vertical

Final Data List

1.2.1.11 802.11N20_Channel 11

Test Graph



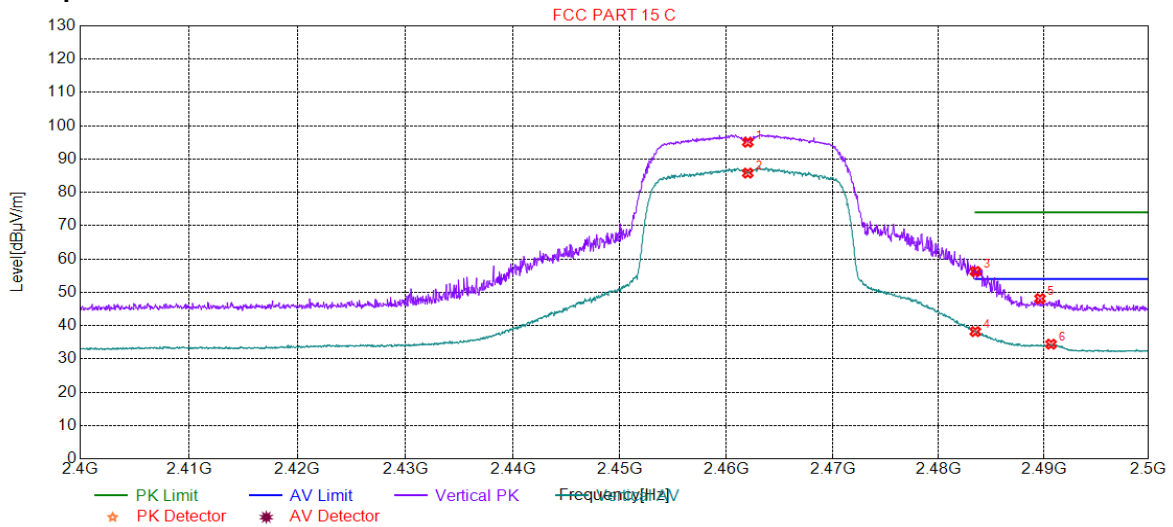
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	102.70	7.98	0.00	-102.70	197	205	Horizontal
2	2462.00	93.17	7.98	0.00	-93.17	234	205	Horizontal
3	2483.50	46.50	8.01	54.00	7.50	124	205	Horizontal
4	2483.84	65.69	8.01	74.00	8.31	141	200	Horizontal
5	2490.79	40.45	8.02	54.00	13.55	162	205	Horizontal
6	2498.29	46.49	8.03	74.00	27.51	144	133	Horizontal

Final Data List

1.2.1.12 802.11N20_Channel 11

Test Graph



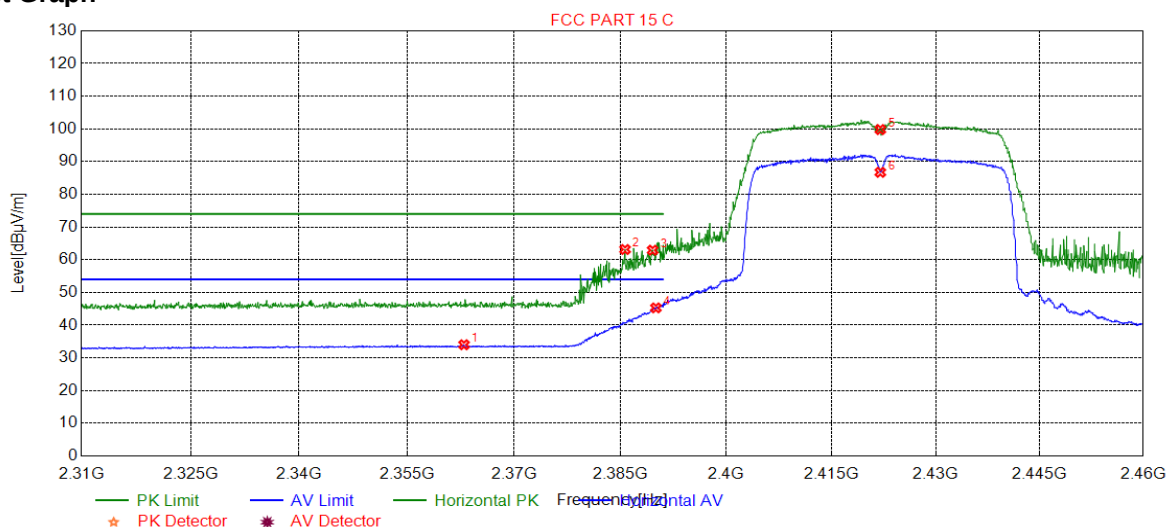
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2462.00	95.06	7.98	0.00	-95.06	247	19	Vertical
2	2462.00	85.80	7.98	0.00	-85.80	155	14	Vertical
3	2483.50	56.29	8.01	74.00	17.71	248	200	Vertical
4	2483.50	38.23	8.01	54.00	15.77	261	63	Vertical
5	2489.64	48.12	8.02	74.00	25.88	281	41	Vertical
6	2490.69	34.45	8.02	54.00	19.55	233	216	Vertical

Final Data List

1.2.1.13 802.11N40_Channel 3

Test Graph



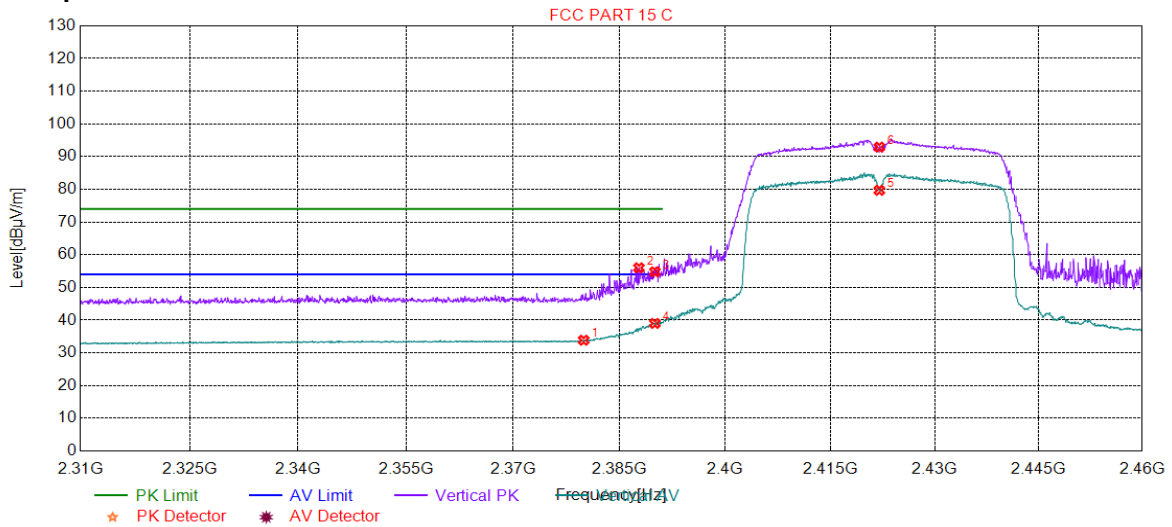
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2362.97	34.02	7.80	54.00	19.98	111	130	Horizontal
2	2385.63	63.15	7.77	74.00	10.85	133	198	Horizontal
3	2389.53	62.93	7.77	74.00	11.07	236	192	Horizontal
4	2390.00	45.30	7.77	54.00	8.70	178	203	Horizontal
5	2422.00	99.81	7.85	0.00	-99.81	111	208	Horizontal
6	2422.00	86.74	7.85	0.00	-86.74	227	208	Horizontal

Final Data List

1.2.1.14 802.11N40_Channel 3

Test Graph



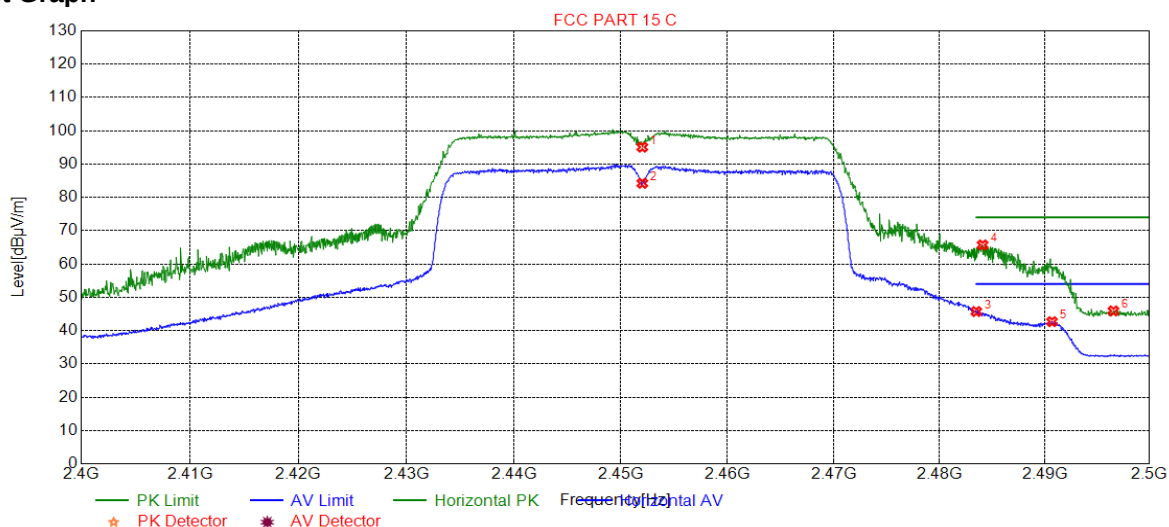
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2379.93	33.88	7.78	54.00	20.12	157	30	Vertical
2	2387.73	56.02	7.77	74.00	17.98	277	355	Vertical
3	2390.00	54.80	7.77	74.00	19.20	218	14	Vertical
4	2390.00	39.02	7.77	54.00	14.98	284	322	Vertical
5	2422.00	79.72	7.85	0.00	-79.72	212	30	Vertical
6	2422.00	92.93	7.85	0.00	-92.93	266	30	Vertical

Final Data List

1.2.1.15 802.11N40_Channel 9

Test Graph



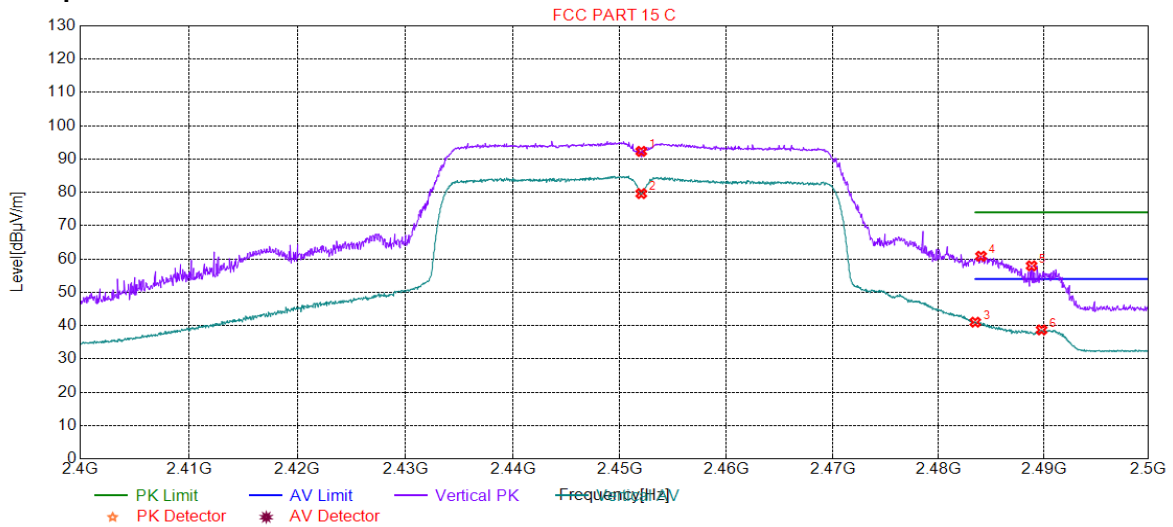
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	95.09	7.97	0.00	-95.09	166	195	Horizontal
2	2452.00	84.24	7.97	0.00	-84.24	190	200	Horizontal
3	2483.50	45.75	8.01	54.00	8.25	238	205	Horizontal
4	2484.09	65.74	8.01	74.00	8.26	229	195	Horizontal
5	2490.69	42.71	8.02	54.00	11.29	249	200	Horizontal
6	2496.54	45.93	8.03	74.00	28.07	140	134	Horizontal

Final Data List

1.2.1.16 802.11N40_Channel 9

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2452.00	92.32	7.97	0.00	-92.32	260	138	Vertical
2	2452.00	79.65	7.97	0.00	-79.65	244	160	Vertical
3	2483.50	41.05	8.01	54.00	12.95	202	149	Vertical
4	2484.04	60.85	8.01	74.00	13.15	272	171	Vertical
5	2488.84	57.96	8.02	74.00	16.04	168	187	Vertical
6	2489.79	38.73	8.02	54.00	15.27	282	182	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.