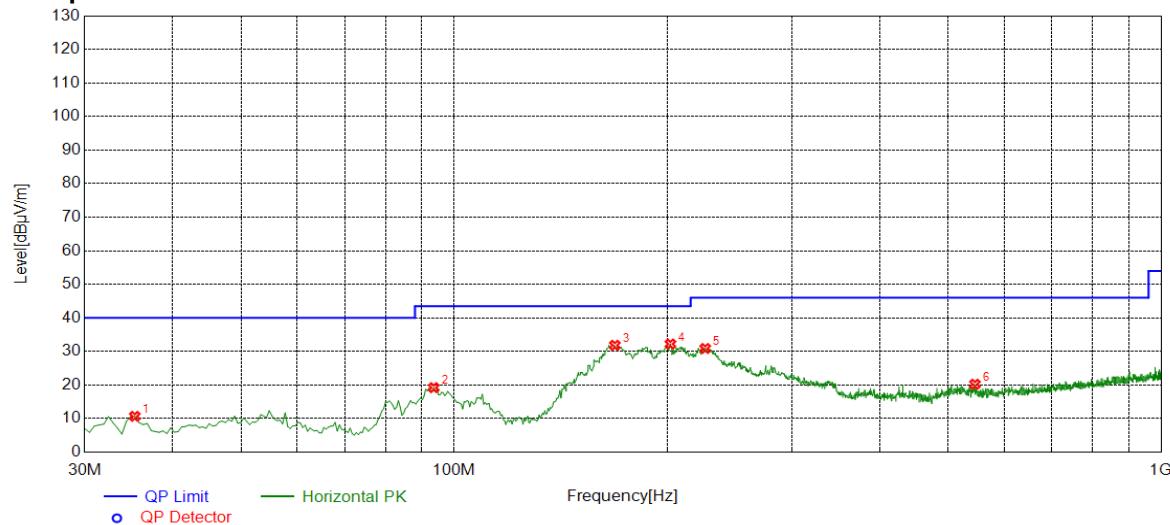


#### 4.9.1 Radiated Emission below 1GHz

##### 4.9.1.1 Charge + Transmitting

Project Information			
Mode:	2.4G WIFI	State:	
Environment:	Temp: 25°C; Humi:60%	Engineer:	

## Test Graph



## **Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.3377	10.69	-32.65	40.00	29.31	163	242	Horizontal
2	93.5668	19.23	-32.81	43.50	24.27	104	273	Horizontal
3	168.779	31.85	-33.69	43.50	11.65	133	220	Horizontal
4	202.261	32.23	-30.77	43.50	11.27	247	44	Horizontal
5	226.523	30.89	-30.09	46.00	15.11	104	35	Horizontal
6	545.327	20.26	-21.56	46.00	25.74	247	2	Horizontal

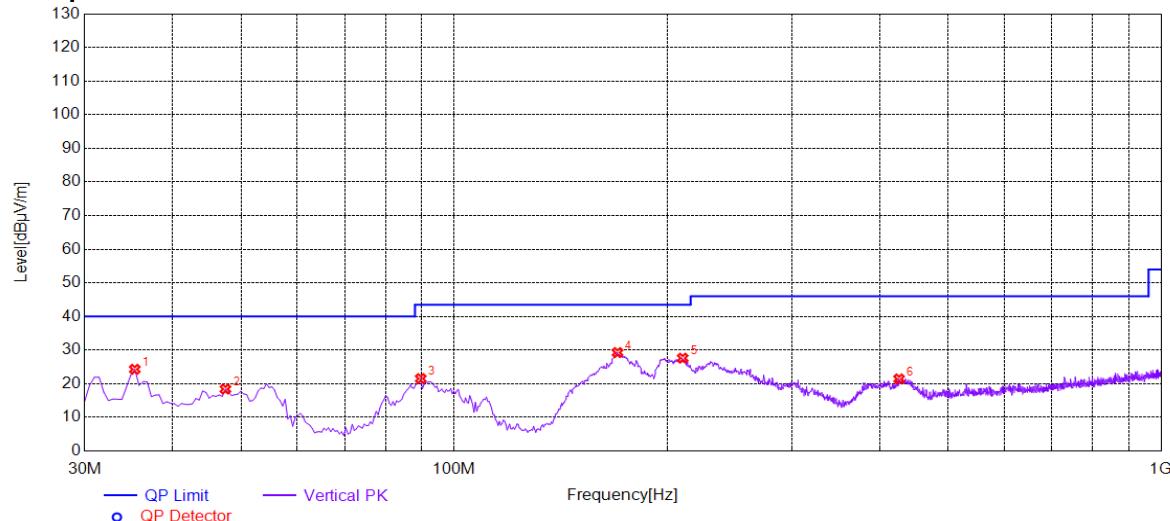
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Project Information			
Mode:	2.4G WIFI	State:	
Environment:	Temp: 25°C; Humi:60%	Engineer:	

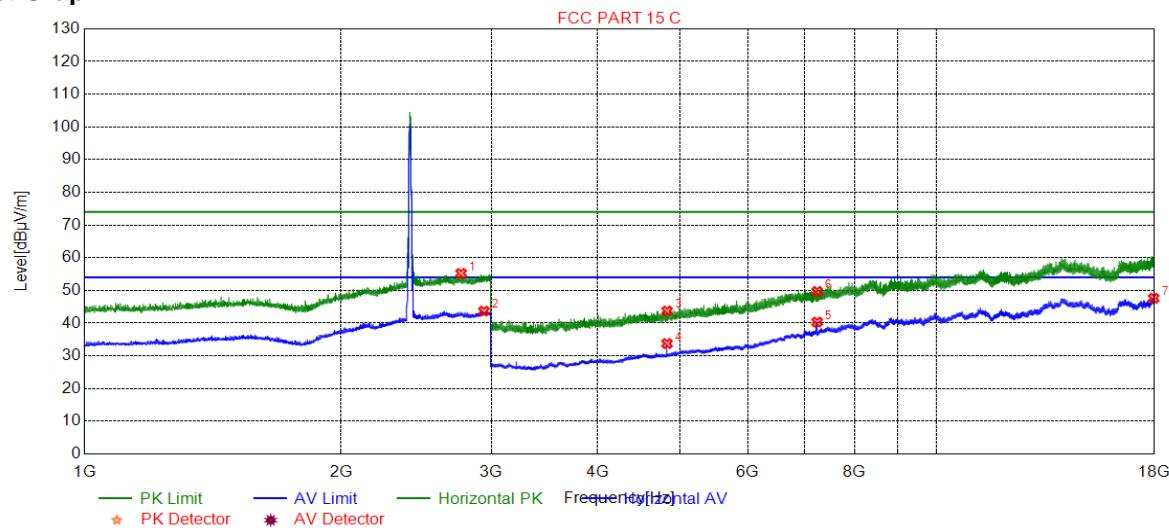
**Test Graph****Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	35.3377	24.31	-32.65	40.00	15.69	188	40	Vertical
2	47.4687	18.43	-30.20	40.00	21.57	192	16	Vertical
3	89.6848	21.55	-33.51	43.50	21.95	193	105	Vertical
4	170.235	29.28	-33.59	43.50	14.22	202	323	Vertical
5	210.510	27.62	-30.60	43.50	15.88	203	314	Vertical
6	425.958	21.45	-24.33	46.00	24.55	198	75	Vertical

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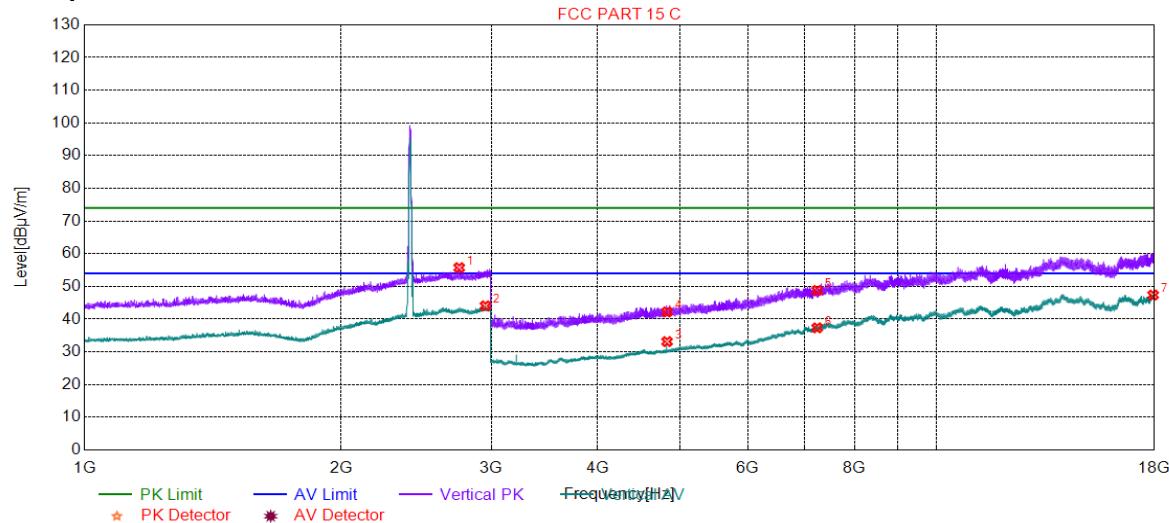
**4.9.2 Transmitter emission above 1GHz****4.9.2.1 802.11B\_Channel 1****Test Graph****Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2765.44	55.23	9.07	74.00	18.77	136	112	Horizontal
2	2941.48	43.71	9.59	54.00	10.29	228	290	Horizontal
3	4824.00	43.73	-18.21	74.00	30.27	238	360	Horizontal
4	4824.00	33.78	-18.21	54.00	20.22	198	360	Horizontal
5	7235.41	40.35	-9.99	54.00	13.65	215	42	Horizontal
6	7236.00	49.71	-9.99	74.00	24.29	156	0	Horizontal
7	17961.4	47.63	0.71	54.00	6.37	241	42	Horizontal

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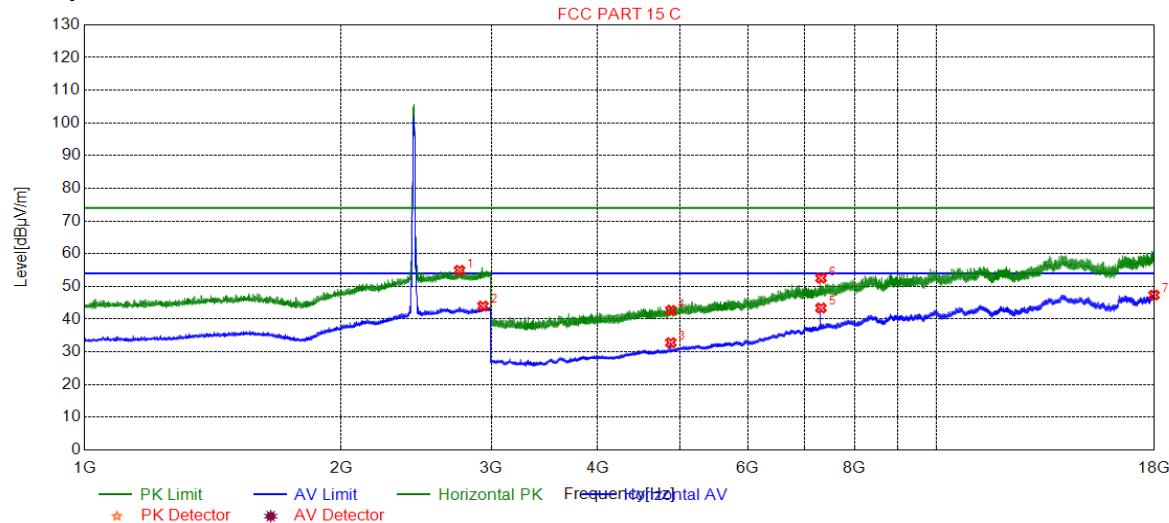
**4.9.2.2 802.11B\_Channel 1****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2751.43	55.76	9.11	74.00	18.24	280	3	Vertical
2	2953.48	44.09	9.66	54.00	9.91	176	219	Vertical
3	4824.00	33.16	-18.21	54.00	20.84	297	360	Vertical
4	4824.00	42.22	-18.21	74.00	31.78	273	100	Vertical
5	7236.00	48.79	-9.99	74.00	25.21	183	40	Vertical
6	7236.00	37.35	-9.99	54.00	16.65	270	90	Vertical
7	17933.9	47.39	0.70	54.00	6.61	271	40	Vertical

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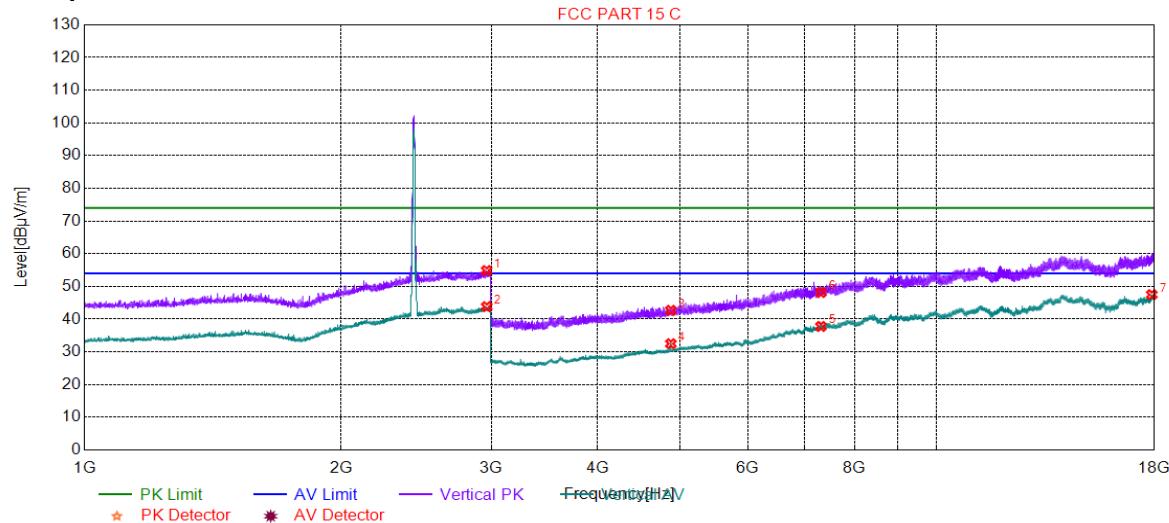
**4.9.2.3 802.11B\_Channel 6****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2753.93	54.96	9.10	74.00	19.04	246	357	Horizontal
2	2934.48	44.02	9.51	54.00	9.98	236	178	Horizontal
3	4874.00	32.83	-17.99	54.00	21.17	118	18	Horizontal
4	4874.00	42.70	-17.99	74.00	31.30	234	18	Horizontal
5	7310.76	43.43	-9.74	54.00	10.57	230	41	Horizontal
6	7312.41	52.56	-9.74	74.00	21.44	226	0	Horizontal
7	17976.3	47.38	0.71	54.00	6.62	161	0	Horizontal

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**4.9.2.4 802.11B\_Channel 6****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2962.99	54.88	9.62	74.00	19.12	211	137	Vertical
2	2963.99	43.84	9.62	54.00	10.16	294	123	Vertical
3	4874.00	42.72	-17.99	74.00	31.28	152	209	Vertical
4	4874.00	32.51	-17.99	54.00	21.49	291	209	Vertical
5	7311.00	37.79	-9.74	54.00	16.21	252	92	Vertical
6	7311.00	48.16	-9.74	74.00	25.84	223	42	Vertical
7	17869.6	47.51	0.29	54.00	6.49	155	241	Vertical

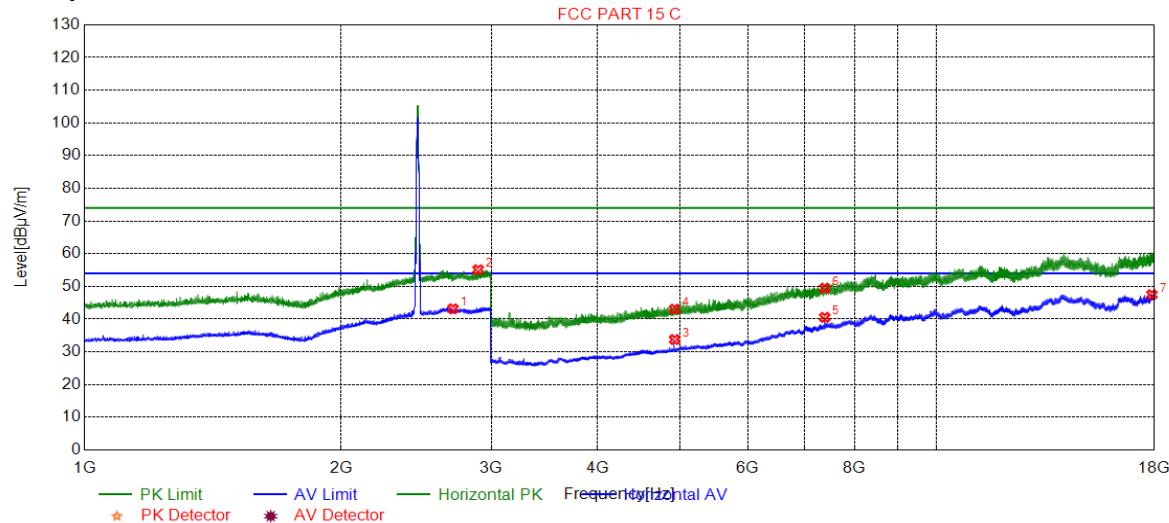
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#### 4.9.2.5 802.11B\_Channel 11

## Test Graph



## Suspected List

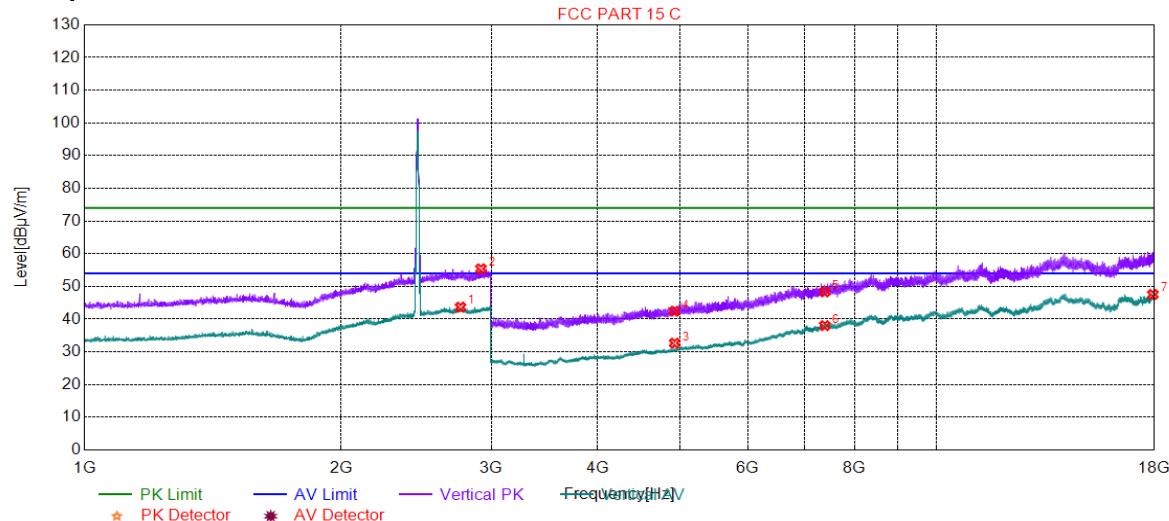
Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2705.42	43.20	8.65	54.00	10.80	101	18	Horizontal
2	2895.97	55.14	9.15	74.00	18.86	125	317	Horizontal
3	4924.00	33.79	-17.72	54.00	20.21	151	46	Horizontal
4	4924.00	43.10	-17.72	74.00	30.90	192	73	Horizontal
5	7385.56	40.57	-9.55	54.00	13.43	154	0	Horizontal
6	7386.00	49.51	-9.55	74.00	24.49	127	0	Horizontal
7	17872.9	47.51	0.33	54.00	6.49	194	241	Horizontal

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**4.9.2.6 802.11B\_Channel 11****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2760.94	43.70	9.08	54.00	10.30	216	260	Vertical
2	2917.97	55.42	9.33	74.00	18.58	196	260	Vertical
3	4924.00	32.68	-17.72	54.00	21.32	215	100	Vertical
4	4924.00	42.45	-17.72	74.00	31.55	223	127	Vertical
5	7386.00	48.34	-9.55	74.00	25.66	230	40	Vertical
6	7386.00	38.04	-9.55	54.00	15.96	293	90	Vertical
7	17923.5	47.56	0.70	54.00	6.44	276	40	Vertical

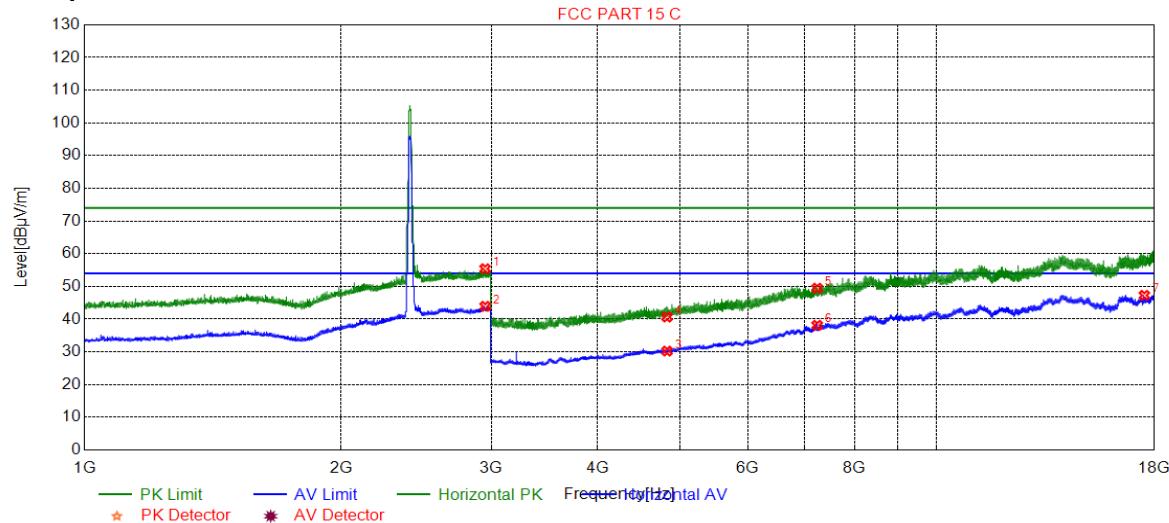
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#### 4.9.2.7 802.11G\_Channel 1

## Test Graph



## Suspected List

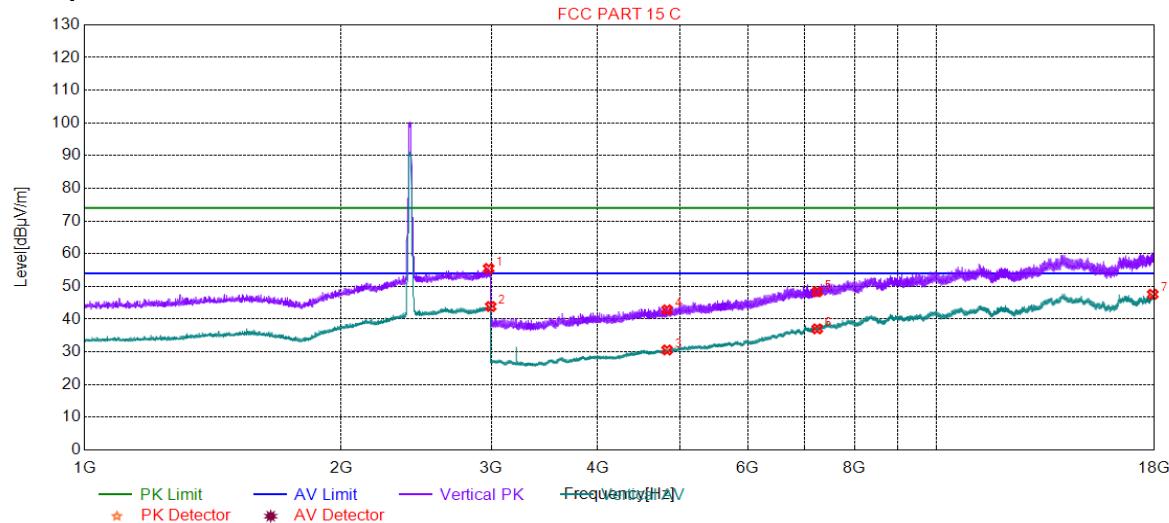
Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2950.48	55.42	9.68	74.00	18.58	130	209	Horizontal
2	2951.48	43.94	9.67	54.00	10.06	229	237	Horizontal
3	4824.00	30.25	-18.21	54.00	23.75	234	319	Horizontal
4	4824.00	40.67	-18.21	74.00	33.33	185	360	Horizontal
5	7236.00	49.48	-9.99	74.00	24.52	107	0	Horizontal
6	7236.00	38.14	-9.99	54.00	15.86	134	0	Horizontal
7	17513.7	47.29	0.97	54.00	6.71	234	292	Horizontal

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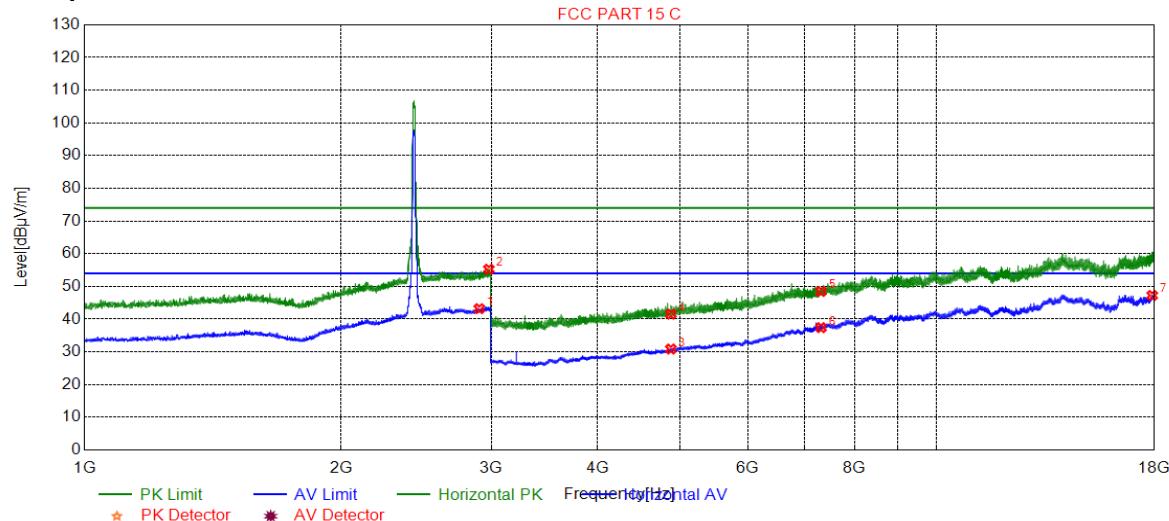
**4.9.2.8 802.11G\_Channel 1****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2979.49	55.52	9.54	74.00	18.48	154	149	Vertical
2	2995.99	43.87	9.47	54.00	10.13	195	136	Vertical
3	4824.00	30.59	-18.21	54.00	23.41	253	101	Vertical
4	4824.00	42.88	-18.21	74.00	31.12	216	101	Vertical
5	7236.00	48.38	-9.99	74.00	25.62	268	140	Vertical
6	7236.00	37.04	-9.99	54.00	16.96	265	140	Vertical
7	17914.7	47.62	0.69	54.00	6.38	275	241	Vertical

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**4.9.2.9 802.11G\_Channel 6****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2904.97	43.23	9.19	54.00	10.77	178	156	Horizontal
2	2980.99	55.30	9.54	74.00	18.70	139	87	Horizontal
3	4874.00	30.89	-17.99	54.00	23.11	197	236	Horizontal
4	4874.00	41.55	-17.99	74.00	32.45	171	182	Horizontal
5	7311.00	48.48	-9.74	74.00	25.52	140	135	Horizontal
6	7311.00	37.42	-9.74	54.00	16.58	194	342	Horizontal
7	17888.8	47.27	0.54	54.00	6.73	102	35	Horizontal

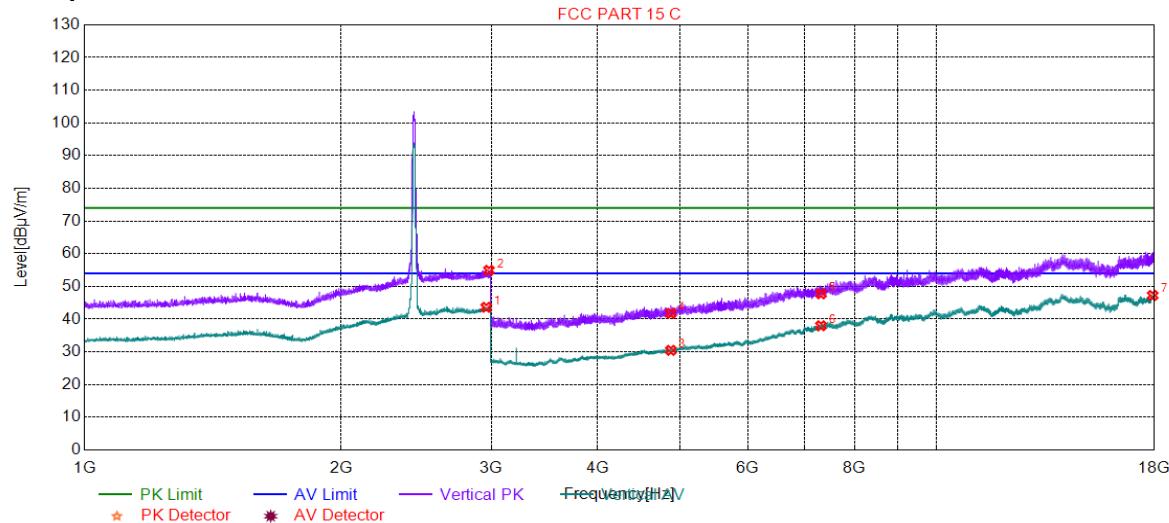
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#### 4.9.2.10 802.11G\_Channel 6

## Test Graph



## Suspected List

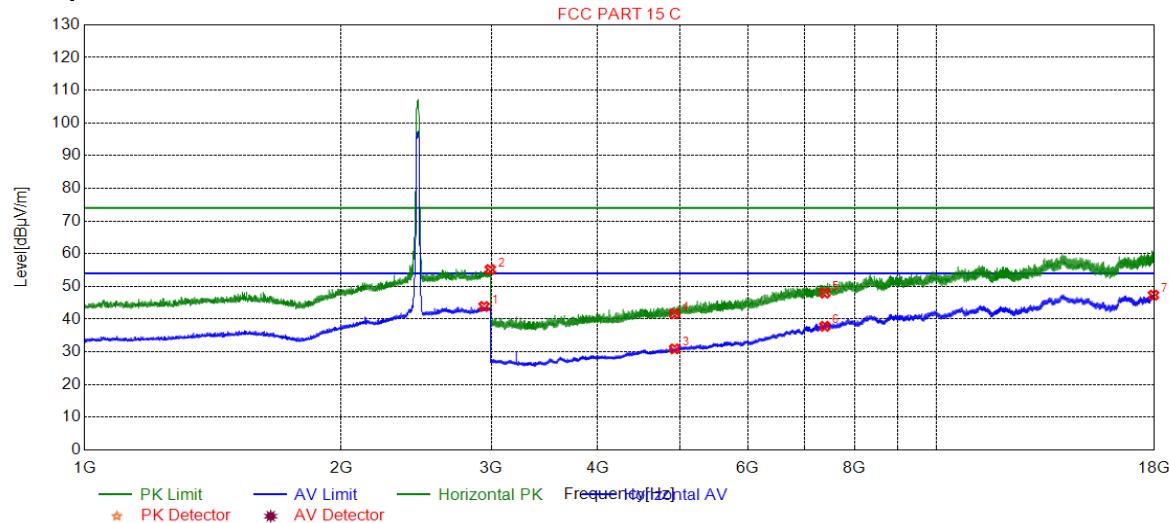
Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2959.99	43.64	9.63	54.00	10.36	161	219	Vertical
2	2981.49	54.97	9.54	74.00	19.03	157	206	Vertical
3	4874.00	30.48	-17.99	54.00	23.52	169	264	Vertical
4	4874.00	41.77	-17.99	74.00	32.23	206	264	Vertical
5	7311.00	47.75	-9.74	74.00	26.25	290	242	Vertical
6	7311.00	38.00	-9.74	54.00	16.00	167	0	Vertical
7	17911.4	47.27	0.69	54.00	6.73	223	191	Vertical

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**4.9.2.11 802.11G\_Channel 11****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2942.48	43.91	9.60	54.00	10.09	139	250	Horizontal
2	2992.49	55.19	9.48	74.00	18.81	220	305	Horizontal
3	4924.00	30.94	-17.72	54.00	23.06	222	154	Horizontal
4	4924.00	41.66	-17.72	74.00	32.34	180	182	Horizontal
5	7386.00	47.96	-9.55	74.00	26.04	213	41	Horizontal
6	7386.00	37.83	-9.55	54.00	16.17	151	0	Horizontal
7	17949.3	47.37	0.70	54.00	6.63	224	140	Horizontal

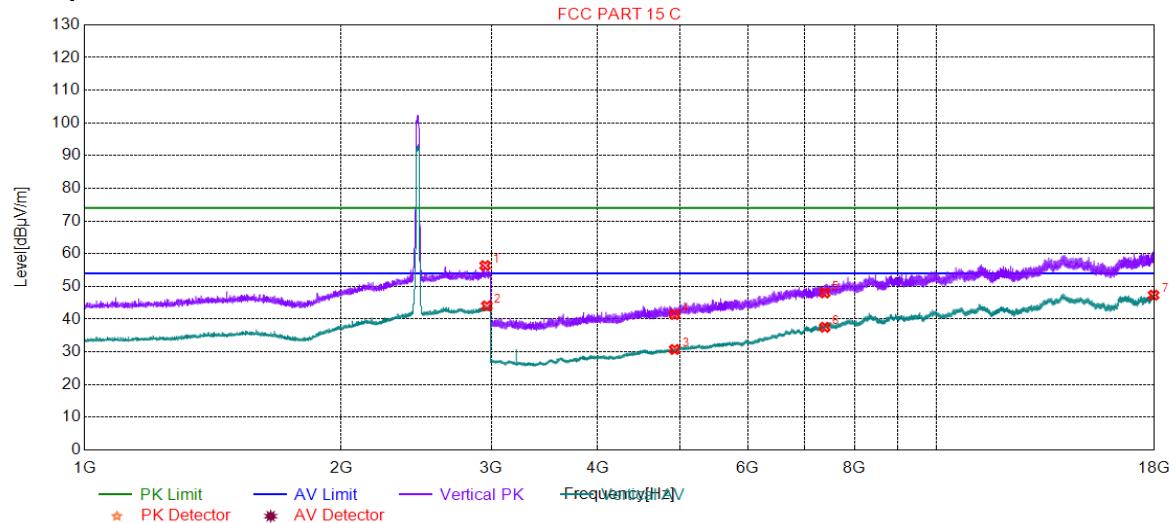
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#### 4.9.2.12 802.11G\_Channel 11

## Test Graph



## Suspected List

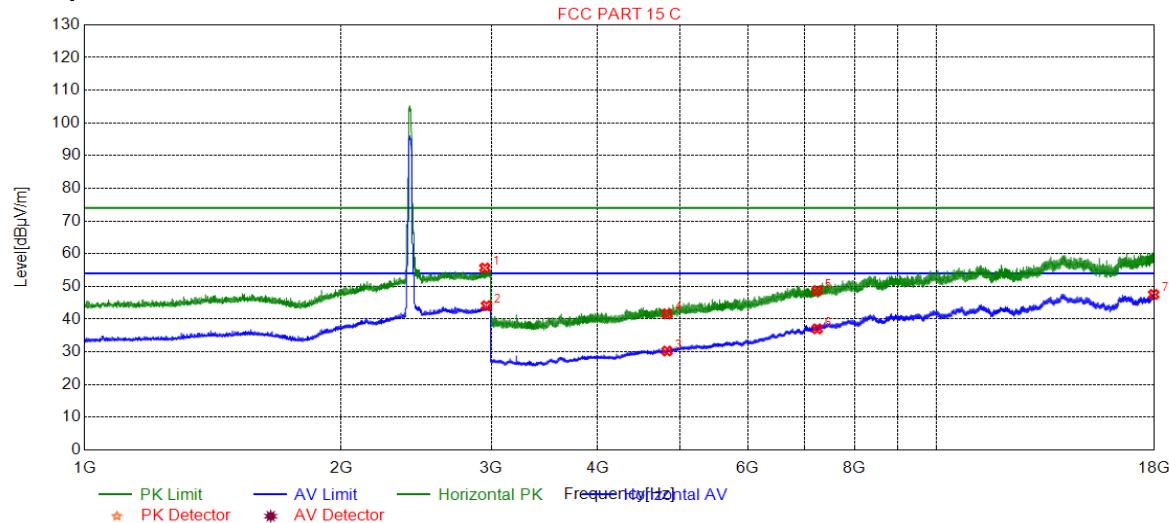
Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2950.98	56.39	9.68	74.00	17.61	186	315	Vertical
2	2964.49	44.06	9.61	54.00	9.94	200	0	Vertical
3	4924.00	30.76	-17.72	54.00	23.24	280	210	Vertical
4	4924.00	41.41	-17.72	74.00	32.59	286	156	Vertical
5	7386.00	48.02	-9.55	74.00	25.98	235	342	Vertical
6	7386.00	37.53	-9.55	54.00	16.47	194	342	Vertical
7	17955.4	47.36	0.71	54.00	6.64	254	191	Vertical

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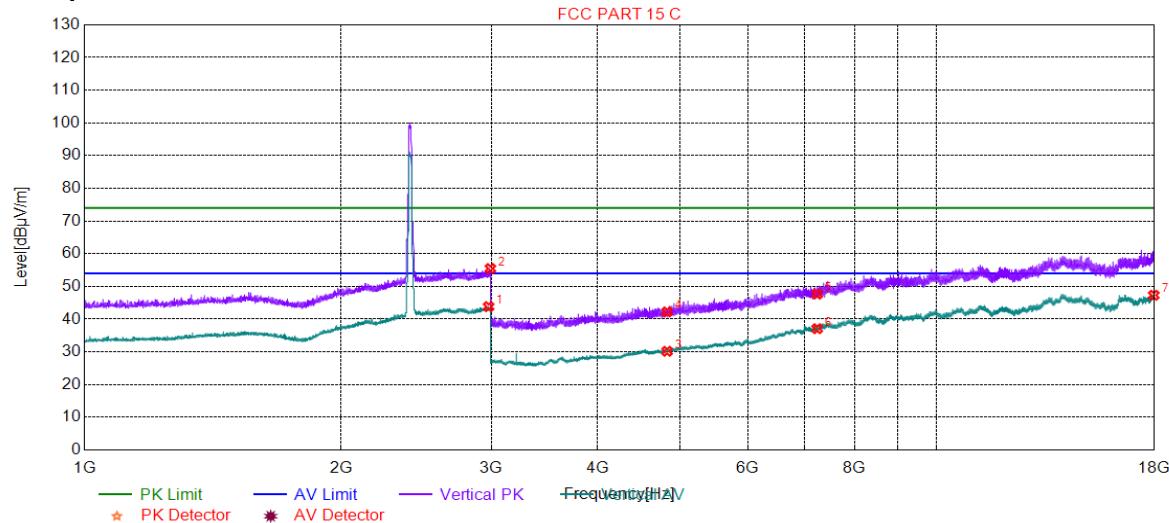
**4.9.2.13 802.11N20\_Channel 1****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2948.98	55.66	9.67	74.00	18.34	110	319	Horizontal
2	2961.49	44.12	9.63	54.00	9.88	202	306	Horizontal
3	4824.00	30.27	-18.21	54.00	23.73	121	45	Horizontal
4	4824.00	41.63	-18.21	74.00	32.37	136	153	Horizontal
5	7236.00	48.73	-9.99	74.00	25.27	140	0	Horizontal
6	7236.00	37.05	-9.99	54.00	16.95	206	0	Horizontal
7	17960.3	47.56	0.71	54.00	6.44	175	190	Horizontal

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**4.9.2.14 802.11N20\_Channel 1****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2978.99	43.84	9.55	54.00	10.16	261	2	Vertical
2	2992.99	55.49	9.48	74.00	18.51	220	2	Vertical
3	4824.00	30.19	-18.21	54.00	23.81	237	100	Vertical
4	4824.00	42.24	-18.21	74.00	31.76	268	72	Vertical
5	7236.00	47.68	-9.99	74.00	26.32	268	42	Vertical
6	7236.00	37.10	-9.99	54.00	16.90	215	342	Vertical
7	17965.8	47.32	0.71	54.00	6.68	152	0	Vertical

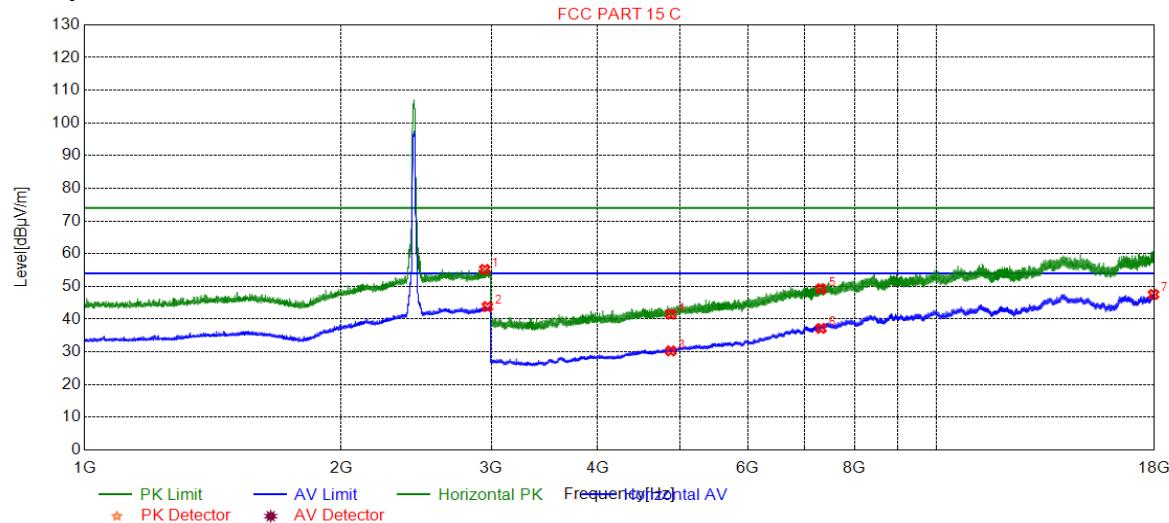
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**4.9.2.15 802.11N20\_Channel 6****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2947.48	55.22	9.65	74.00	18.78	208	224	Horizontal
2	2968.49	43.84	9.59	54.00	10.16	130	115	Horizontal
3	4874.00	30.31	-17.99	54.00	23.69	198	109	Horizontal
4	4874.00	41.51	-17.99	74.00	32.49	192	217	Horizontal
5	7311.00	49.31	-9.74	74.00	24.69	112	142	Horizontal
6	7311.00	37.18	-9.74	54.00	16.82	132	93	Horizontal
7	17953.7	47.56	0.71	54.00	6.44	146	142	Horizontal

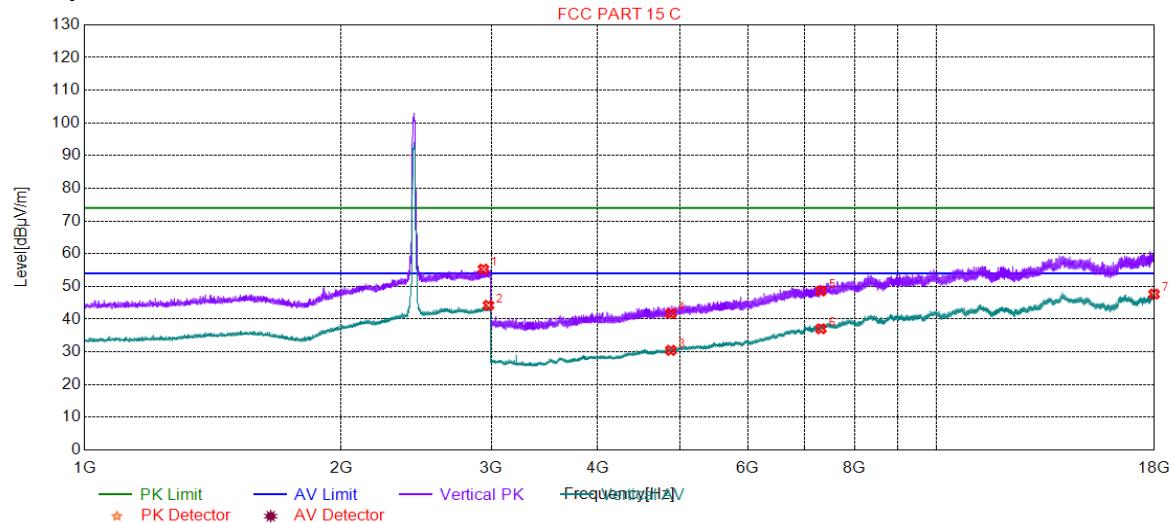
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4.9.2.16 802.11N20\_Channel 6

## Test Graph



## Suspected List

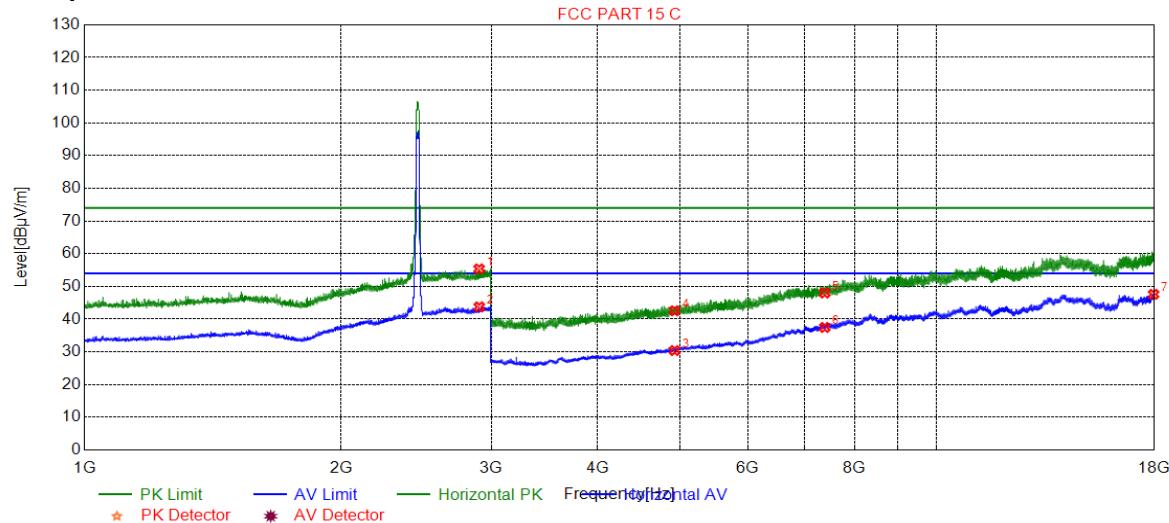
Suspected List								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2937.98	55.31	9.55	74.00	18.69	187	342	Vertical
2	2977.49	44.24	9.55	54.00	9.76	154	192	Vertical
3	4874.00	30.48	-17.99	54.00	23.52	157	210	Vertical
4	4874.00	41.75	-17.99	74.00	32.25	257	348	Vertical
5	7311.00	48.64	-9.74	74.00	25.36	178	41	Vertical
6	7311.00	37.07	-9.74	54.00	16.93	212	141	Vertical
7	17978.5	47.67	0.71	54.00	6.33	169	141	Vertical

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**4.9.2.17 802.11N20\_Channel 11****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2903.47	55.39	9.18	74.00	18.61	195	264	Horizontal
2	2904.47	43.78	9.19	54.00	10.22	220	31	Horizontal
3	4924.00	30.42	-17.72	54.00	23.58	221	18	Horizontal
4	4924.00	42.58	-17.72	74.00	31.42	193	346	Horizontal
5	7386.00	48.01	-9.55	74.00	25.99	196	141	Horizontal
6	7386.00	37.49	-9.55	54.00	16.51	162	141	Horizontal
7	17954.3	47.61	0.71	54.00	6.39	248	141	Horizontal

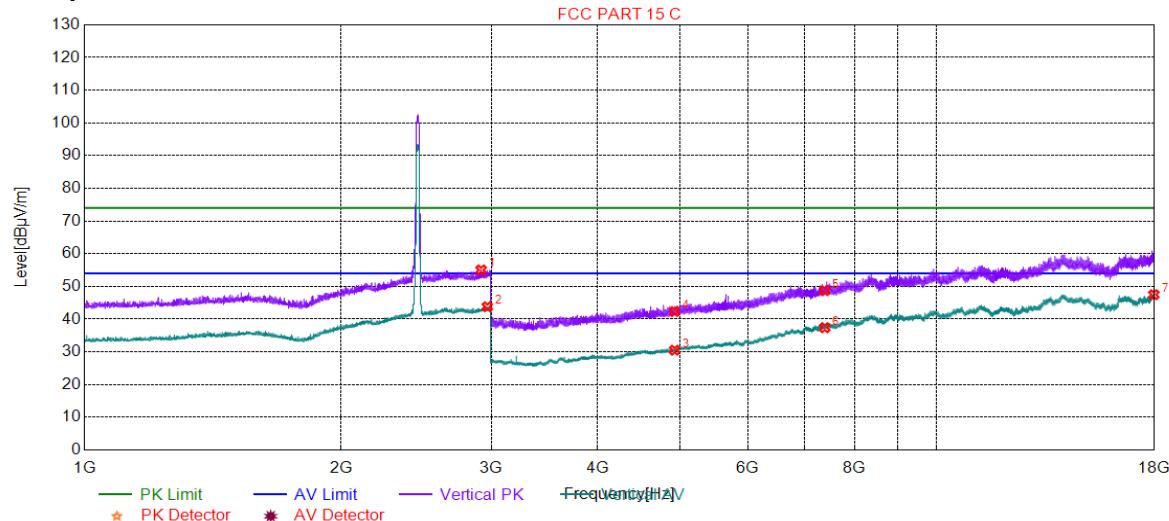
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**4.9.2.18 802.11N20\_Channel 11****Test Graph****Suspected List**

<b>Suspected List</b>								
NO.	Freq. [MHz]	Level [dB $\mu$ V/m]	Factor [dB]	Limit [dB $\mu$ V/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	2918.97	55.07	9.34	74.00	18.93	293	218	Vertical
2	2968.49	43.82	9.59	54.00	10.18	250	12	Vertical
3	4924.00	30.53	-17.72	54.00	23.47	159	263	Vertical
4	4924.00	42.35	-17.72	74.00	31.65	224	318	Vertical
5	7386.00	48.74	-9.55	74.00	25.26	257	342	Vertical
6	7386.00	37.41	-9.55	54.00	16.59	240	342	Vertical
7	17967.5	47.49	0.71	54.00	6.51	240	92	Vertical

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