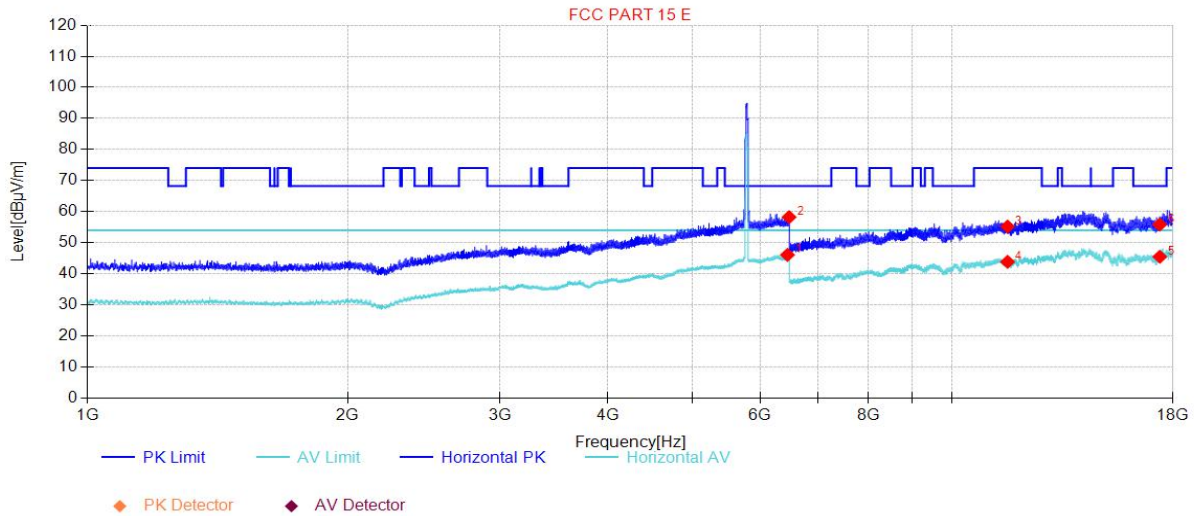


4.9.2.47 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.596	46.05	18.45	54.00	7.95	156	Horizontal
2	6478.731	58.20	18.60	68.20	10.00	146	Horizontal
3	11590.00	55.19	3.16	74.00	18.81	384	Horizontal
4	11590.00	43.82	3.16	54.00	10.18	107	Horizontal
5	17385.00	45.46	6.82	54.00	8.54	156	Horizontal
6	17385.00	55.82	6.82	68.20	12.38	317	Horizontal

Final Data List



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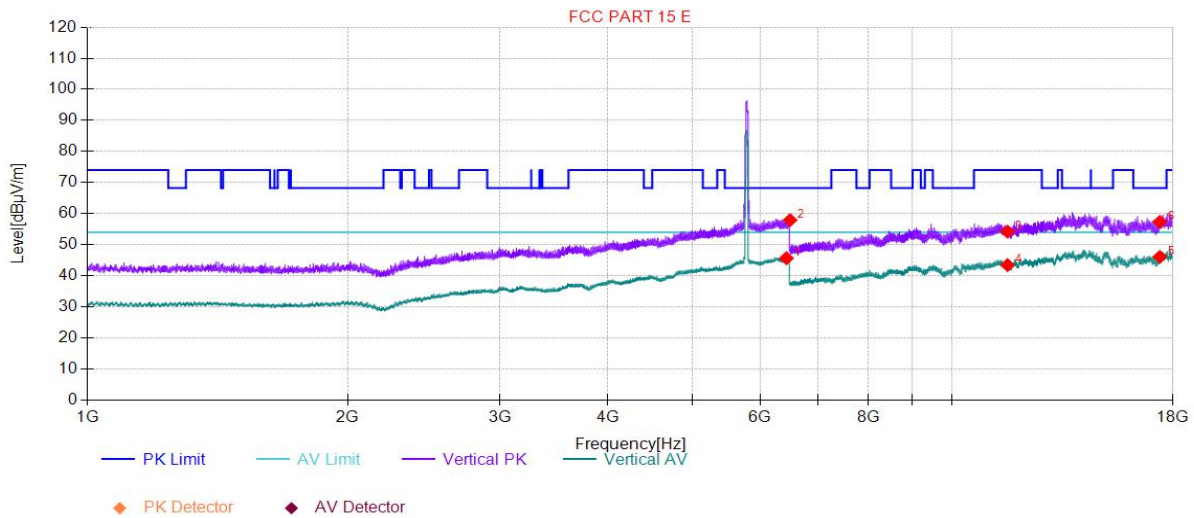
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4.9.2.48 802.11N40_Channel 159

Test Graph



Suspected List

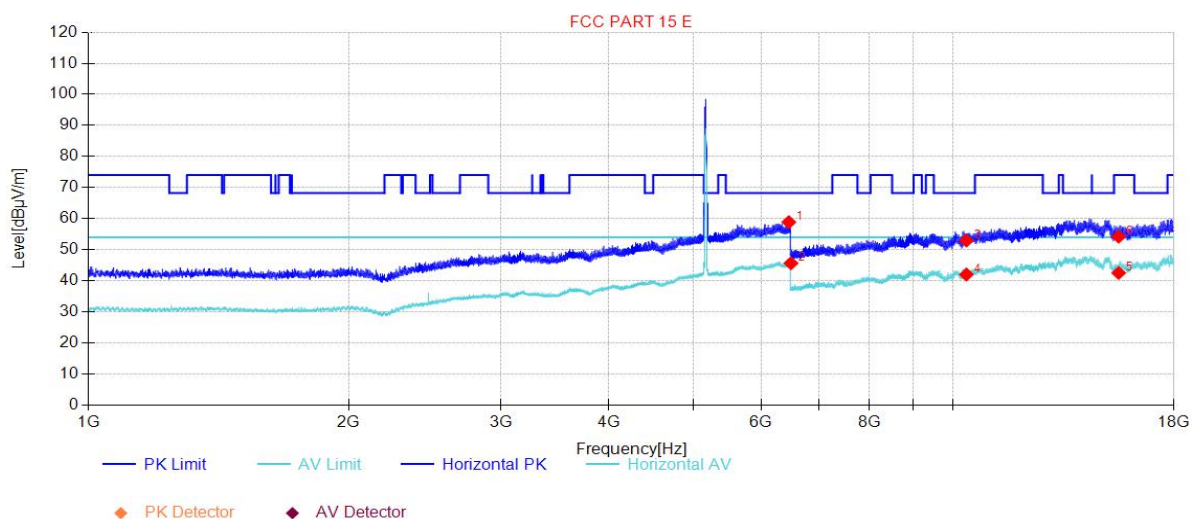
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6433.628	45.62	18.35	54.00	8.38	323	Vertical
2	6495.966	57.90	18.69	68.20	10.30	130	Vertical
3	11590.00	54.18	3.16	74.00	19.82	179	Vertical
4	11590.00	43.41	3.16	54.00	10.59	268	Vertical
5	17385.00	46.04	6.82	54.00	7.96	142	Vertical
6	17385.00	57.32	6.82	68.20	10.88	352	Vertical

Final Data List



4.9.2.49 802.11AC20_Channel 36

Test Graph



Suspected List

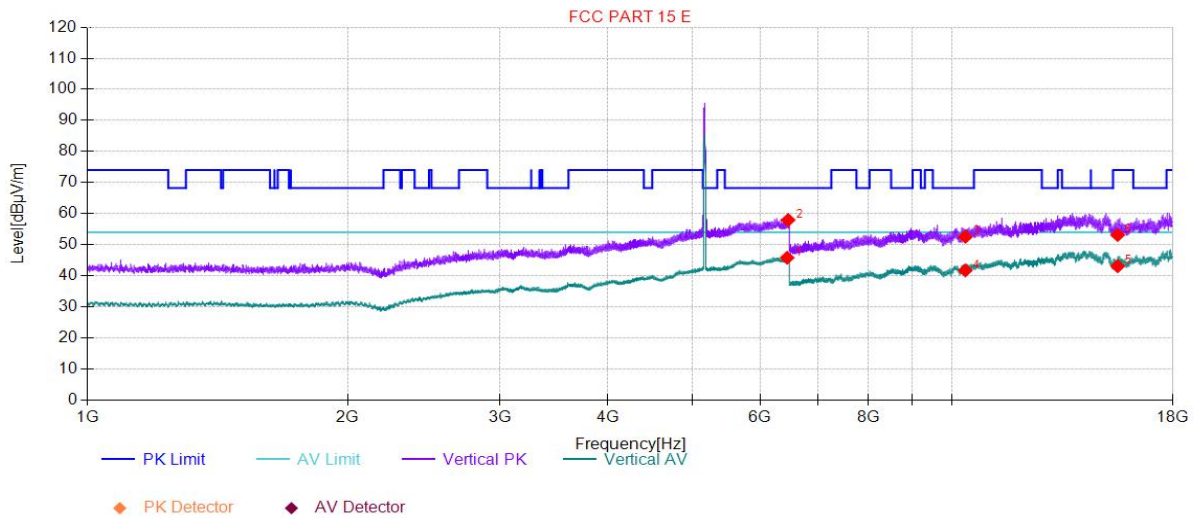
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	58.84	18.47	68.20	9.36	273	Horizontal
2	6493.399	45.61	18.68	54.00	8.39	272	Horizontal
3	10360.00	52.93	2.38	68.20	15.27	176	Horizontal
4	10360.00	41.99	2.38	54.00	12.01	145	Horizontal
5	15540.00	42.49	5.88	54.00	11.51	343	Horizontal
6	15540.00	54.18	5.88	74.00	19.82	279	Horizontal

Final Data List



4.9.2.50 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6444.996	45.78	18.41	54.00	8.22	232	Vertical
2	6461.497	57.93	18.50	68.20	10.27	269	Vertical
3	10360.00	52.54	2.38	68.20	15.66	340	Vertical
4	10360.00	41.72	2.38	54.00	12.28	374	Vertical
5	15540.00	43.06	5.88	54.00	10.94	396	Vertical
6	15540.00	53.12	5.88	74.00	20.88	253	Vertical

Final Data List



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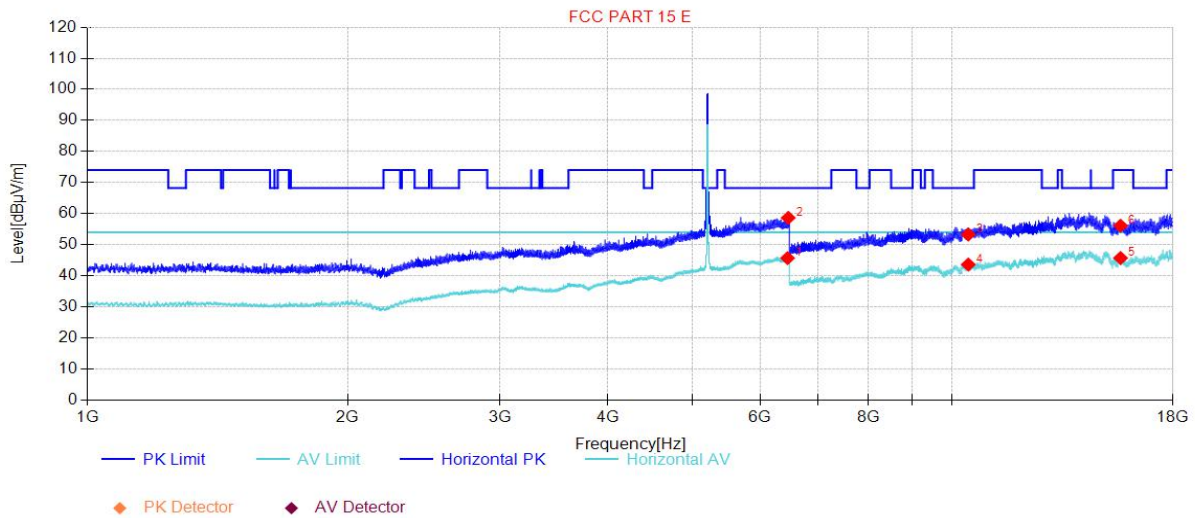
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4.9.2.51 802.11AC20_Channel 44

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6451.963	45.65	18.45	54.00	8.35	373	Horizontal
2	6464.064	58.63	18.52	68.20	9.57	364	Horizontal
3	10440.00	53.26	2.46	68.20	14.94	257	Horizontal
4	10440.00	43.59	2.46	54.00	10.41	277	Horizontal
5	15660.00	45.68	6.12	54.00	8.32	282	Horizontal
6	15660.00	56.08	6.12	74.00	17.92	319	Horizontal

Final Data List



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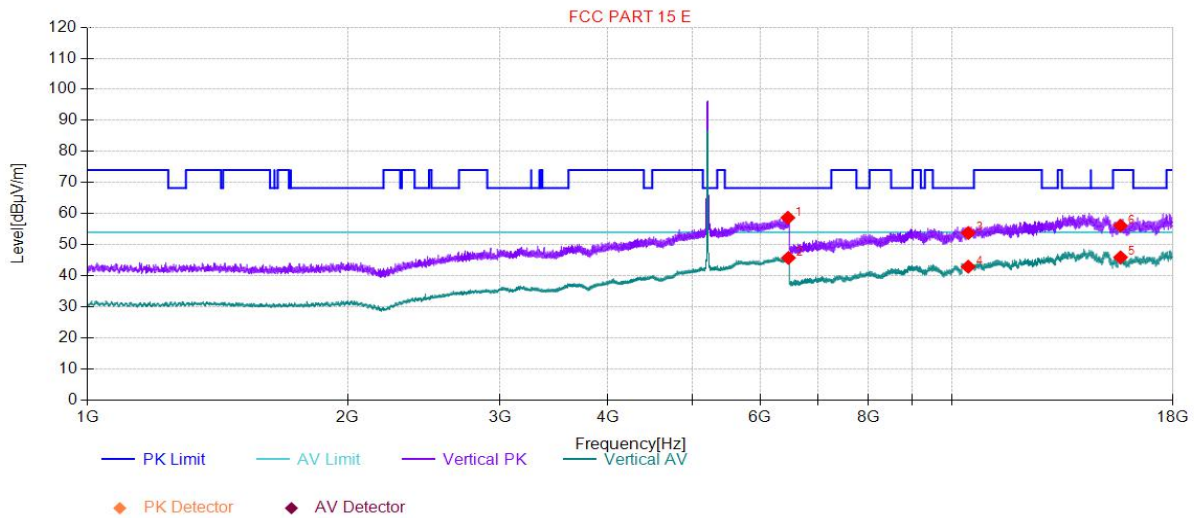
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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4.9.2.52 802.11AC20_Channel 44

Test Graph



Suspected List

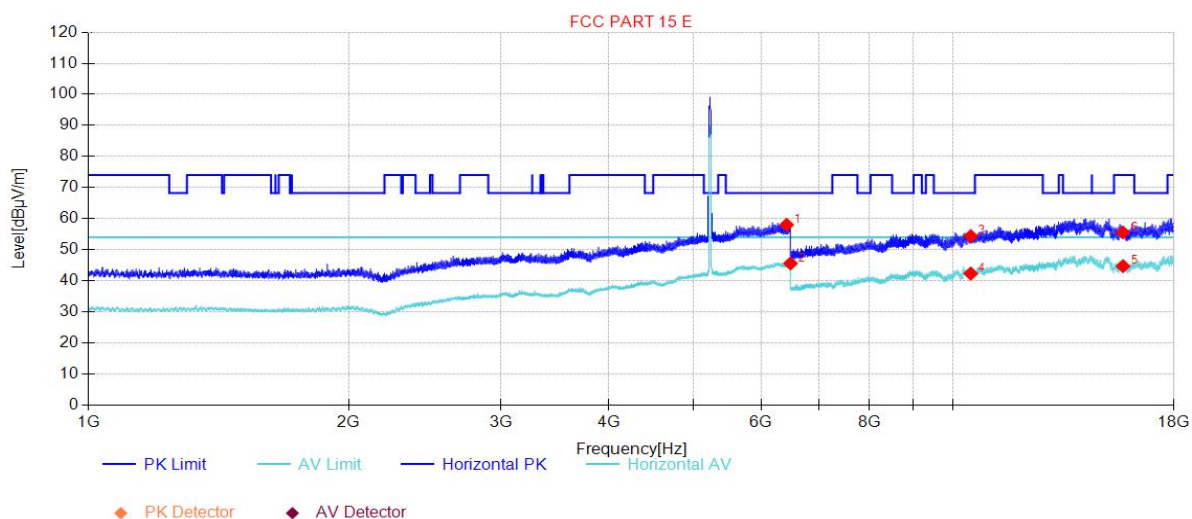
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	58.66	18.47	68.20	9.54	373	Vertical
2	6466.997	45.73	18.53	54.00	8.27	200	Vertical
3	10440.00	53.76	2.46	68.20	14.44	214	Vertical
4	10440.00	42.90	2.46	54.00	11.10	338	Vertical
5	15660.00	45.90	6.12	54.00	8.10	123	Vertical
6	15660.00	56.11	6.12	74.00	17.89	245	Vertical

Final Data List



4.9.2.53 802.11AC20_Channel 48

Test Graph



Suspected List

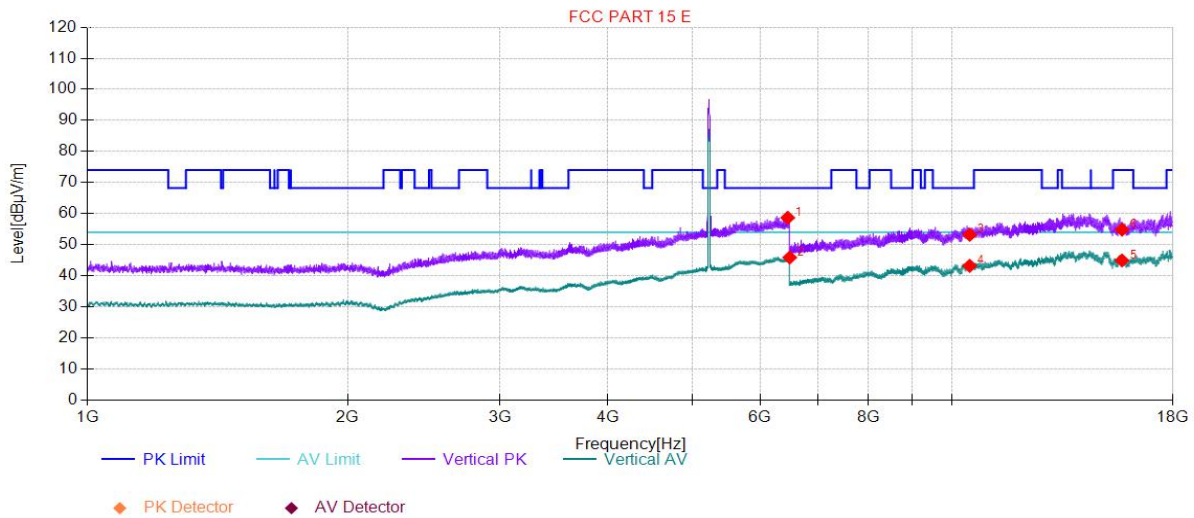
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6418.594	57.99	18.26	68.20	10.21	339	Horizontal
2	6486.065	45.56	18.64	54.00	8.44	218	Horizontal
3	10480.00	54.35	2.49	68.20	13.85	217	Horizontal
4	10480.00	42.29	2.49	54.00	11.71	218	Horizontal
5	15720.00	44.68	5.92	54.00	9.32	216	Horizontal
6	15720.00	55.52	5.92	74.00	18.48	325	Horizontal

Final Data List



4.9.2.54 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6455.630	58.66	18.47	68.20	9.54	165	Vertical
2	6488.632	45.86	18.65	54.00	8.14	183	Vertical
3	10480.00	53.17	2.49	68.20	15.03	235	Vertical
4	10480.00	43.17	2.49	54.00	10.83	389	Vertical
5	15720.00	44.90	5.92	54.00	9.10	376	Vertical
6	15720.00	54.82	5.92	74.00	19.18	235	Vertical

Final Data List

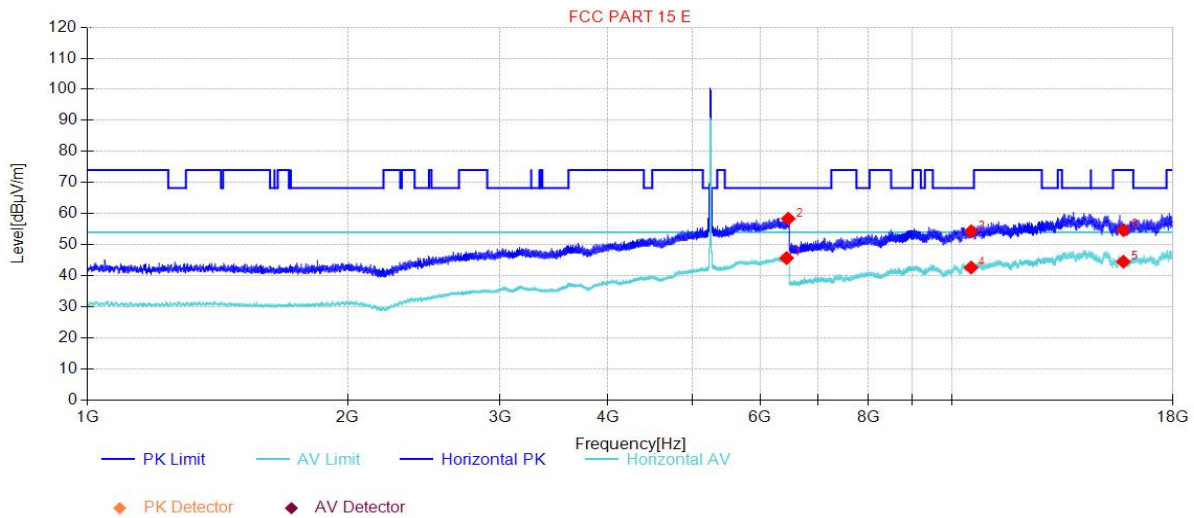


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4.9.2.55 802.11AC20_Channel 52

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6436.562	45.68	18.36	54.00	8.32	398	Horizontal
2	6464.064	58.36	18.52	68.20	9.84	243	Horizontal
3	10520.00	54.29	2.45	68.20	13.91	369	Horizontal
4	10520.00	42.62	2.45	54.00	11.38	260	Horizontal
5	15780.00	44.48	5.30	54.00	9.52	291	Horizontal
6	15780.00	54.66	5.30	74.00	19.34	286	Horizontal

Final Data List



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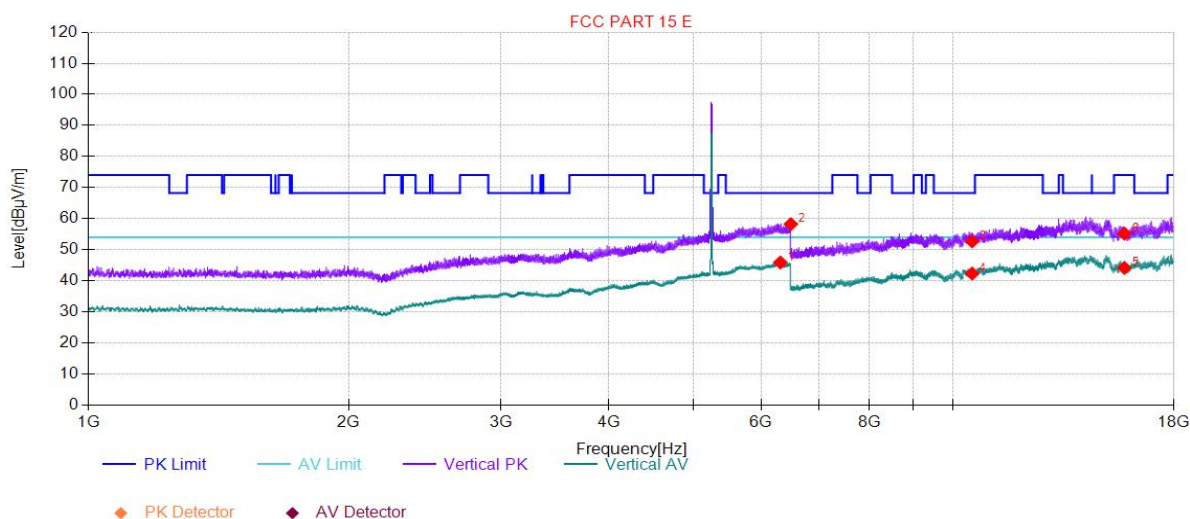
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4.9.2.56 802.11AC20_Channel 52

Test Graph



Suspected List

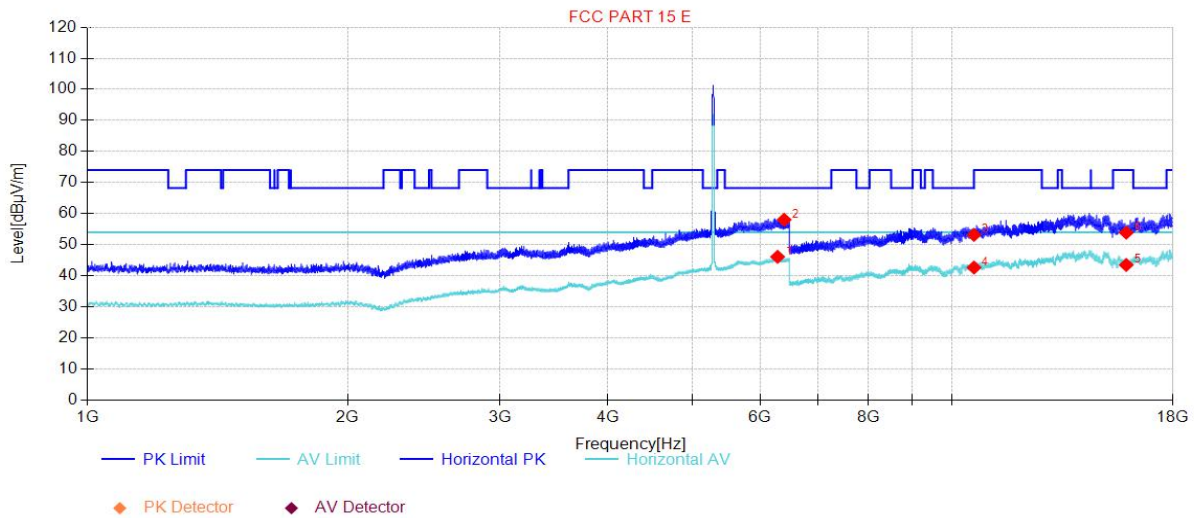
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6312.987	45.86	18.44	54.00	8.14	326	Vertical
2	6491.566	58.21	18.67	68.20	9.99	322	Vertical
3	10520.00	52.64	2.45	68.20	15.56	139	Vertical
4	10520.00	42.29	2.45	54.00	11.71	371	Vertical
5	15780.00	44.11	5.30	54.00	9.89	323	Vertical
6	15780.00	55.14	5.30	74.00	18.86	395	Vertical

Final Data List



4.9.2.57 802.11AC20_Channel 60

Test Graph



Suspected List

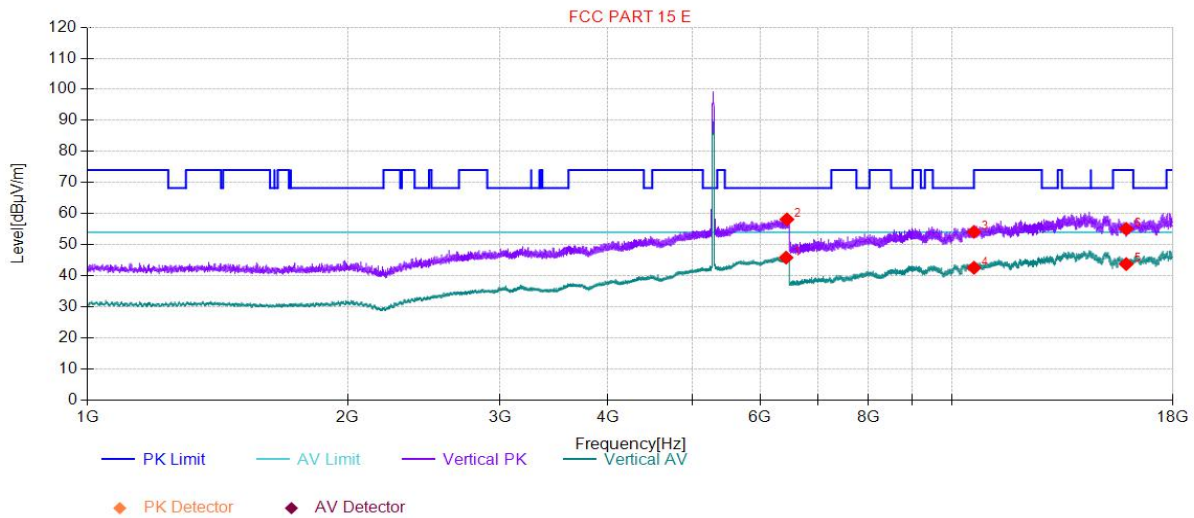
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6282.918	46.07	18.40	54.00	7.93	197	Horizontal
2	6393.292	58.01	18.18	68.20	10.19	166	Horizontal
3	10600.00	53.14	2.23	74.00	20.86	208	Horizontal
4	10600.00	42.63	2.23	54.00	11.37	313	Horizontal
5	15900.00	43.46	5.29	54.00	10.54	338	Horizontal
6	15900.00	53.85	5.29	74.00	20.15	356	Horizontal

Final Data List



4.9.2.58 802.11AC20_Channel 60

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6427.395	45.82	18.31	54.00	8.18	195	Vertical
2	6440.229	58.13	18.38	68.20	10.07	261	Vertical
3	10600.00	54.12	2.23	74.00	19.88	121	Vertical
4	10600.00	42.55	2.23	54.00	11.45	288	Vertical
5	15900.00	43.74	5.29	54.00	10.26	389	Vertical
6	15900.00	55.06	5.29	74.00	18.94	219	Vertical

Final Data List



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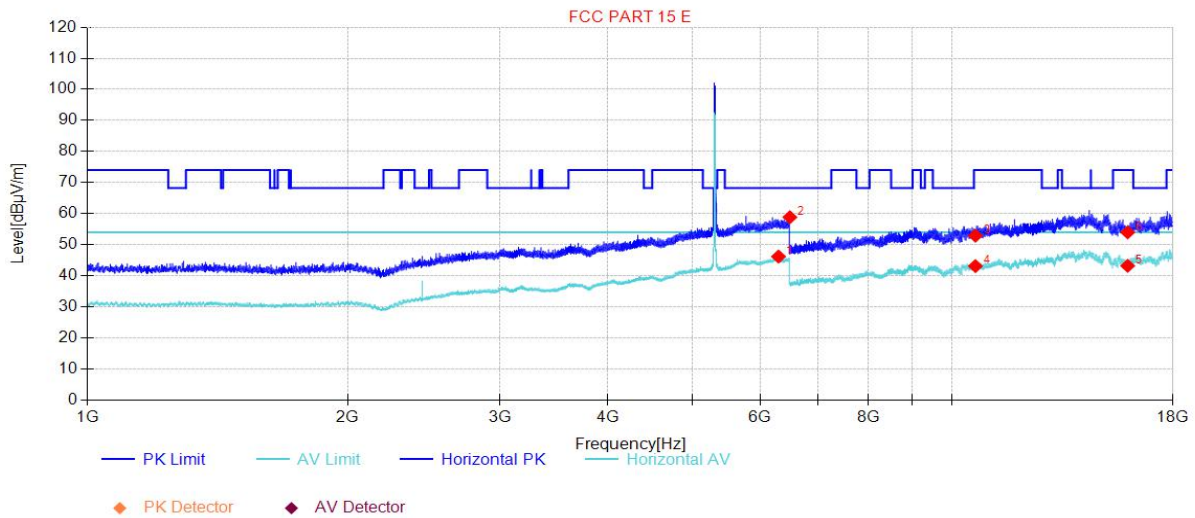
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4.9.2.59 802.11AC20_Channel 64

Test Graph



Suspected List

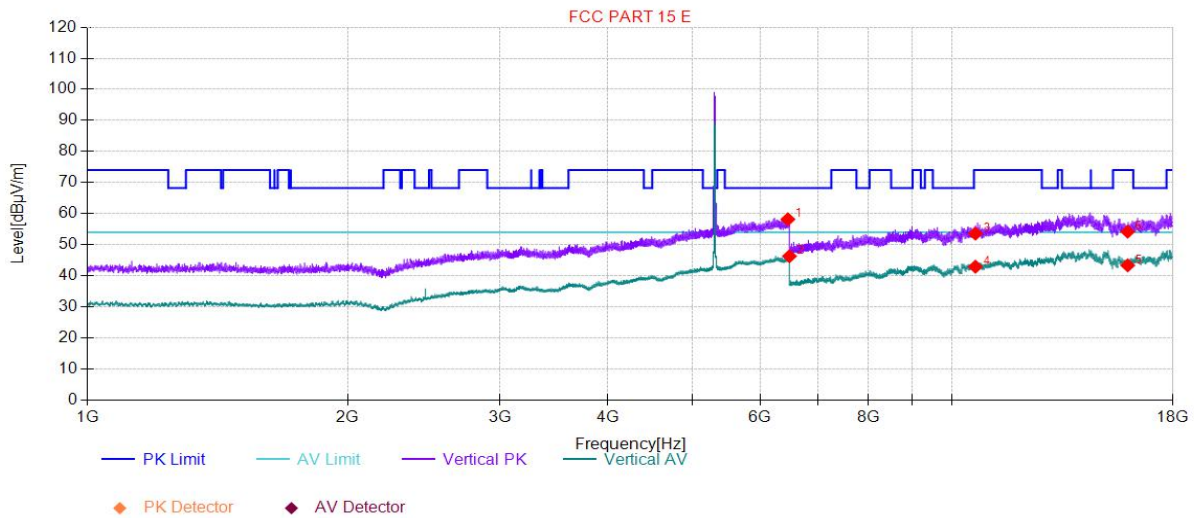
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6299.053	46.15	18.48	54.00	7.85	110	Horizontal
2	6492.299	58.82	18.67	68.20	9.38	137	Horizontal
3	10640.00	52.89	2.22	74.00	21.11	116	Horizontal
4	10640.00	43.08	2.22	54.00	10.92	106	Horizontal
5	15960.00	43.18	5.01	54.00	10.82	352	Horizontal
6	15960.00	53.95	5.01	74.00	20.05	168	Horizontal

Final Data List



4.9.2.60 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6457.097	58.15	18.48	68.20	10.05	201	Vertical
2	6484.965	46.28	18.63	54.00	7.72	178	Vertical
3	10640.00	53.55	2.22	74.00	20.45	247	Vertical
4	10640.00	42.90	2.22	54.00	11.10	201	Vertical
5	15960.00	43.33	5.01	54.00	10.67	125	Vertical
6	15960.00	54.19	5.01	74.00	19.81	243	Vertical

Final Data List



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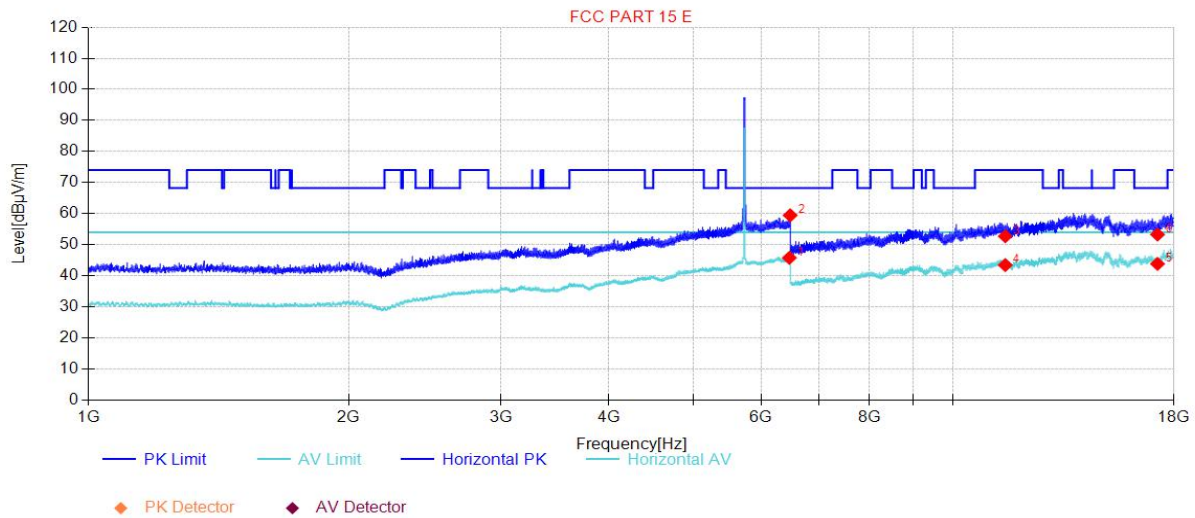
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4.9.2.61 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6465.897	45.74	18.53	54.00	8.26	181	Horizontal
2	6479.832	59.45	18.60	68.20	8.75	106	Horizontal
3	11490.00	52.68	2.10	74.00	21.32	219	Horizontal
4	11490.00	43.43	2.10	54.00	10.57	190	Horizontal
5	17235.00	43.81	6.10	54.00	10.19	224	Horizontal
6	17235.00	53.25	6.10	68.20	14.95	224	Horizontal

Final Data List

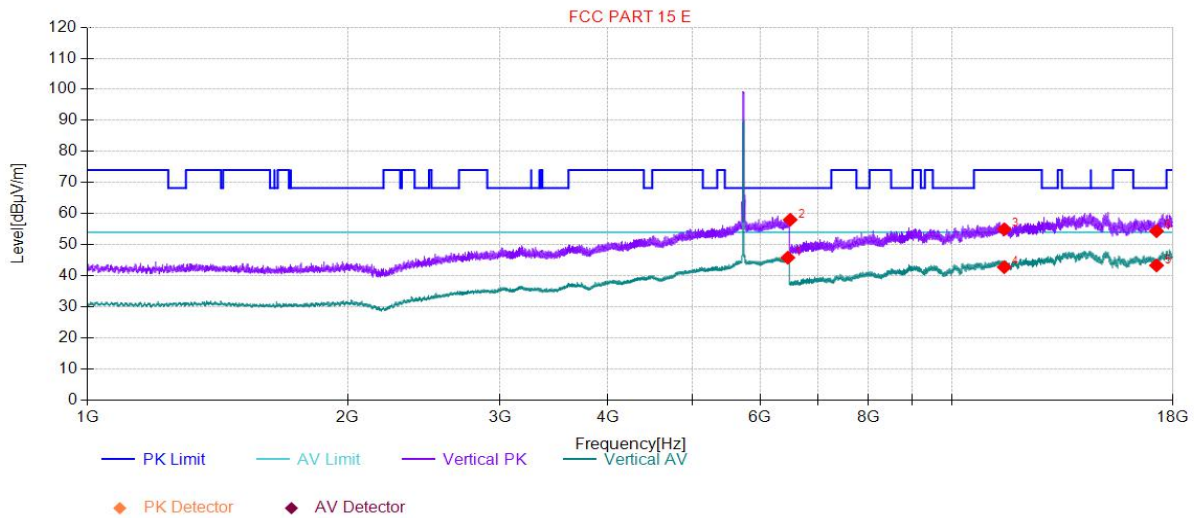


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4.9.2.62 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6456.730	45.78	18.47	54.00	8.22	325	Vertical
2	6497.433	58.01	18.70	68.20	10.19	215	Vertical
3	11490.00	54.96	2.10	74.00	19.04	248	Vertical
4	11490.00	42.77	2.10	54.00	11.23	278	Vertical
5	17235.00	43.31	6.10	54.00	10.69	109	Vertical
6	17235.00	54.34	6.10	68.20	13.86	125	Vertical

Final Data List



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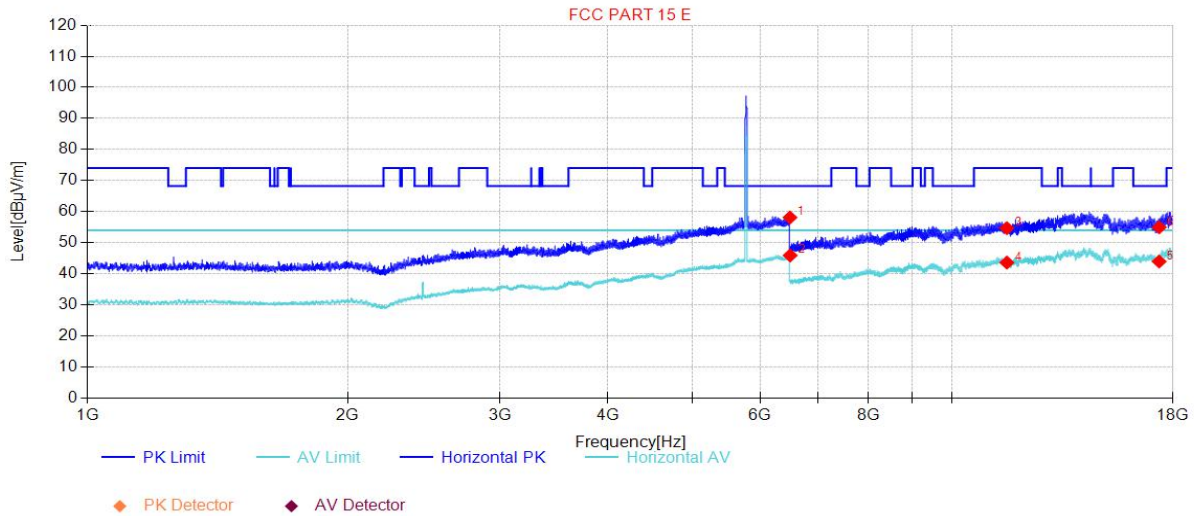
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4.9.2.63 802.11AC20_Channel 157

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6493.766	58.10	18.68	68.20	10.10	320	Horizontal
2	6496.699	45.88	18.70	54.00	8.12	250	Horizontal
3	11570.00	54.65	2.92	74.00	19.35	266	Horizontal
4	11570.00	43.58	2.92	54.00	10.42	127	Horizontal
5	17355.00	43.92	6.75	54.00	10.08	155	Horizontal
6	17355.00	54.94	6.75	68.20	13.26	273	Horizontal

Final Data List



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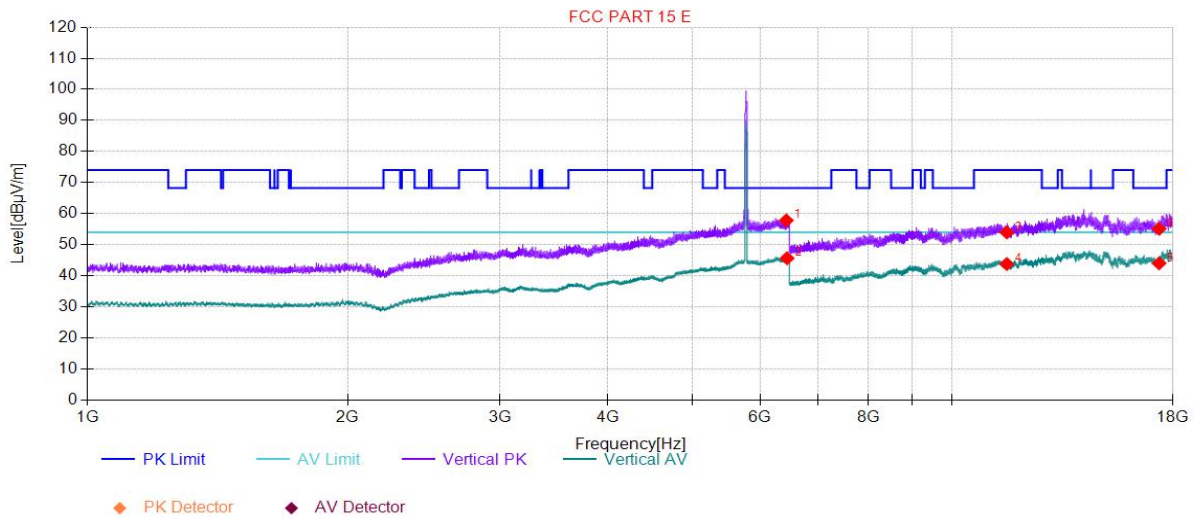
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4.9.2.64 802.11AC20_Channel 157

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6430.328	57.80	18.33	68.20	10.40	160	Vertical
2	6443.529	45.62	18.40	54.00	8.38	352	Vertical
3	11570.00	53.94	2.92	74.00	20.06	208	Vertical
4	11570.00	43.76	2.92	54.00	10.24	323	Vertical
5	17355.00	43.98	6.75	54.00	10.02	158	Vertical
6	17355.00	55.09	6.75	68.20	13.11	129	Vertical

Final Data List



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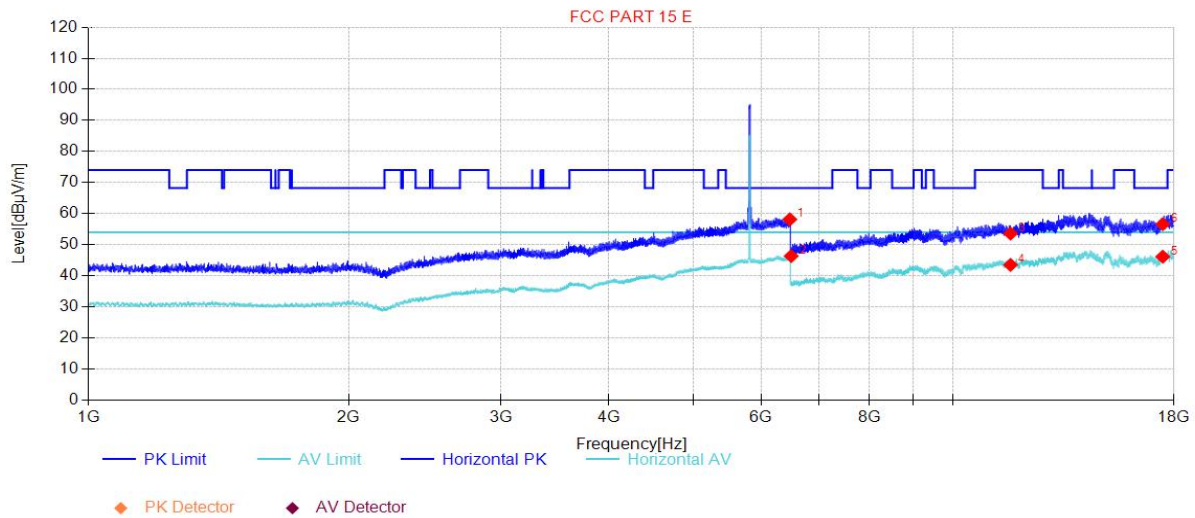
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4.9.2.65 802.11AC20_Channel 165

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6473.598	58.13	18.57	68.20	10.07	220	Horizontal
2	6498.166	46.33	18.70	54.00	7.67	371	Horizontal
3	11650.00	53.57	2.58	74.00	20.43	238	Horizontal
4	11650.00	43.47	2.58	54.00	10.53	105	Horizontal
5	17475.00	46.10	7.42	54.00	7.90	229	Horizontal
6	17475.00	56.58	7.42	68.20	11.62	285	Horizontal

Final Data List



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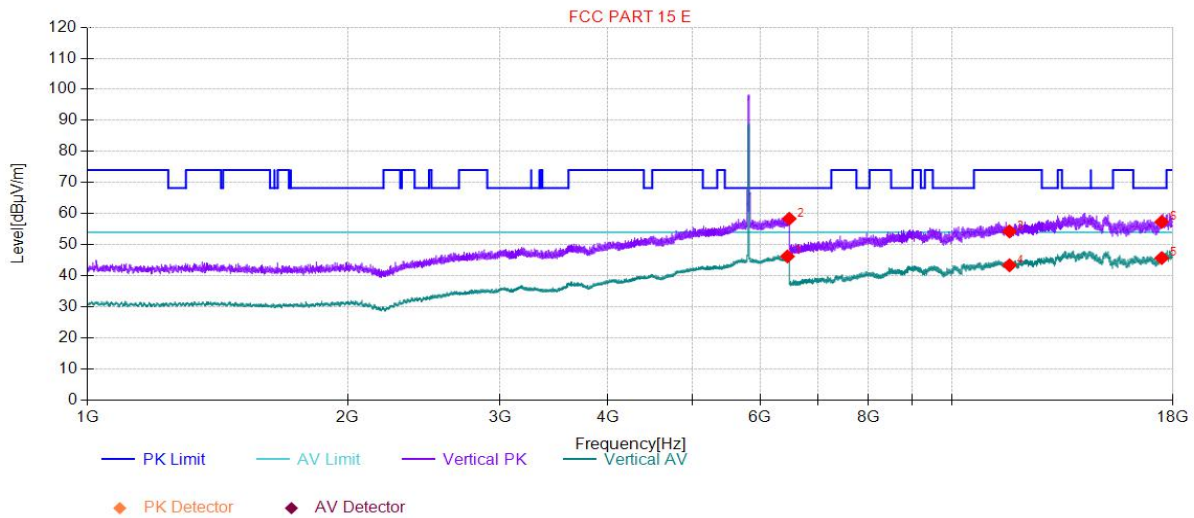
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4.9.2.66 802.11AC20_Channel 165

Test Graph



Suspected List

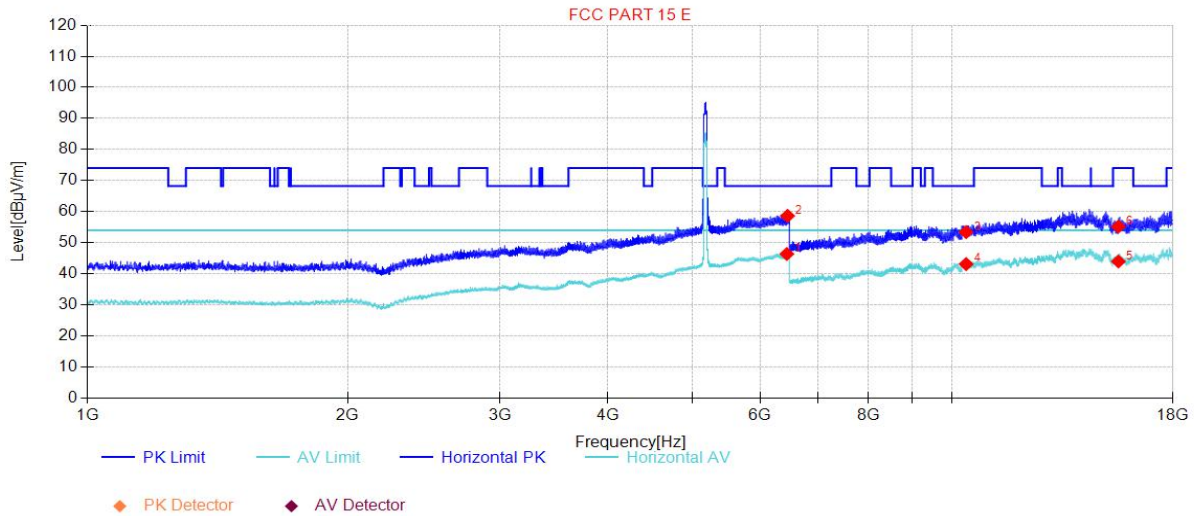
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6450.130	46.20	18.44	54.00	7.80	245	Vertical
2	6480.932	58.34	18.61	68.20	9.86	319	Vertical
3	11650.00	54.24	2.58	74.00	19.76	119	Vertical
4	11650.00	43.35	2.58	54.00	10.65	244	Vertical
5	17475.00	45.67	7.42	54.00	8.33	125	Vertical
6	17475.00	57.32	7.42	68.20	10.88	291	Vertical

Final Data List



4.9.2.67 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6439.496	46.35	18.38	54.00	7.65	240	Horizontal
2	6452.696	58.61	18.45	68.20	9.59	342	Horizontal
3	10380.00	53.38	2.40	68.20	14.82	158	Horizontal
4	10380.00	43.09	2.40	54.00	10.91	117	Horizontal
5	15570.00	43.95	6.00	54.00	10.05	399	Horizontal
6	15570.00	55.16	6.00	74.00	18.84	342	Horizontal

Final Data List



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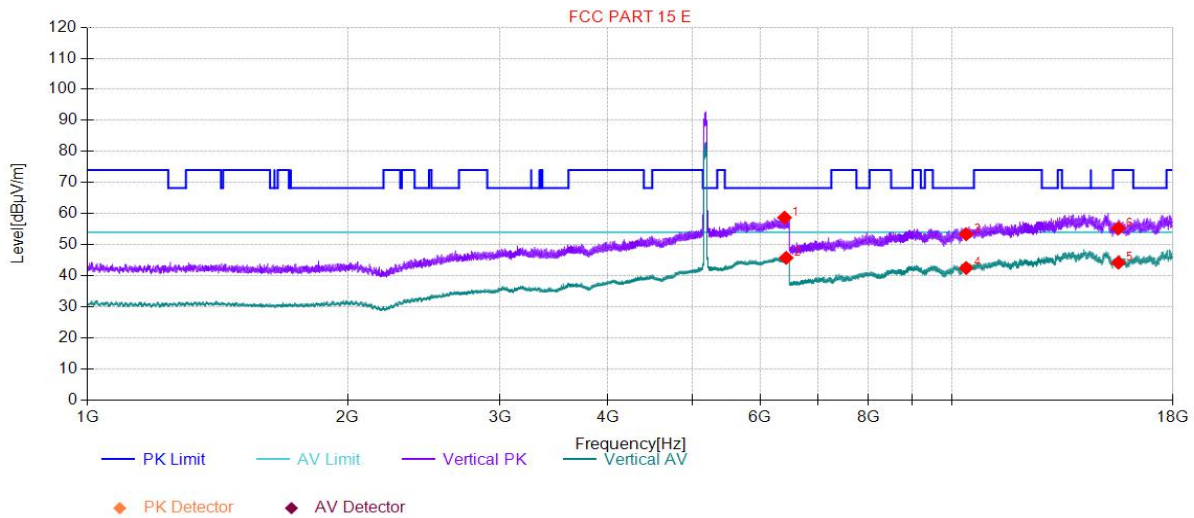
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4.9.2.68 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6400.626	58.69	18.16	68.20	9.51	352	Vertical
2	6428.128	45.73	18.32	54.00	8.27	274	Vertical
3	10380.00	53.36	2.40	68.20	14.84	153	Vertical
4	10380.00	42.46	2.40	54.00	11.54	326	Vertical
5	15570.00	44.19	6.00	54.00	9.81	284	Vertical
6	15570.00	55.25	6.00	74.00	18.75	110	Vertical

Final Data List



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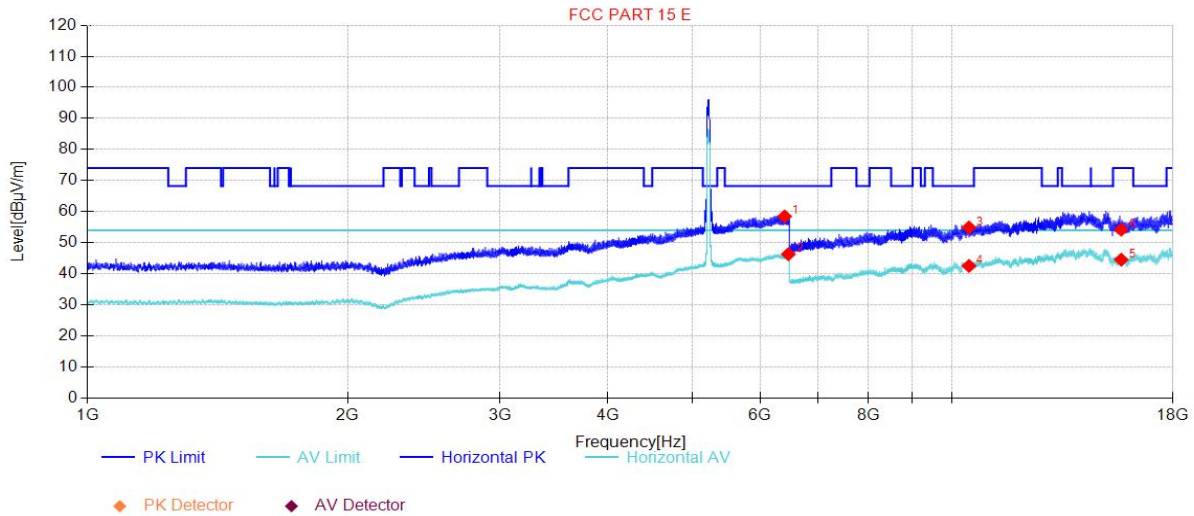
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4.9.2.69 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6401.726	58.45	18.17	68.20	9.75	391	Horizontal
2	6465.531	46.27	18.52	54.00	7.73	319	Horizontal
3	10460.00	54.86	2.47	68.20	13.34	150	Horizontal
4	10460.00	42.50	2.47	54.00	11.50	154	Horizontal
5	15690.00	44.49	6.13	54.00	9.51	286	Horizontal
6	15690.00	54.18	6.13	74.00	19.82	381	Horizontal

Final Data List



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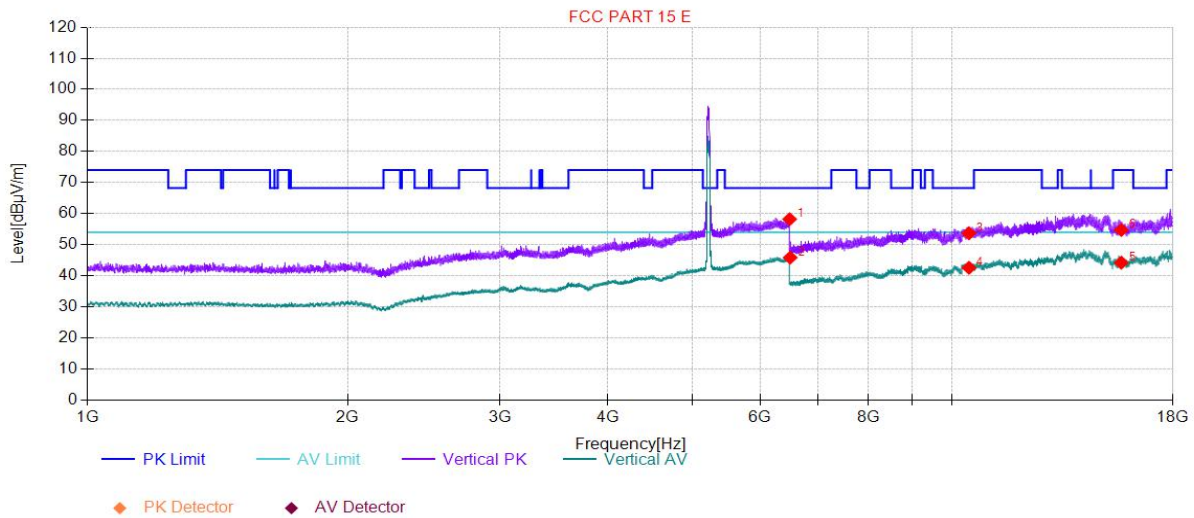
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4.9.2.70 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6487.899	58.18	18.65	68.20	10.02	282	Vertical
2	6497.433	45.83	18.70	54.00	8.17	303	Vertical
3	10460.00	53.67	2.47	68.20	14.53	203	Vertical
4	10460.00	42.54	2.47	54.00	11.46	247	Vertical
5	15690.00	44.19	6.13	54.00	9.81	367	Vertical
6	15690.00	54.71	6.13	74.00	19.29	288	Vertical

Final Data List



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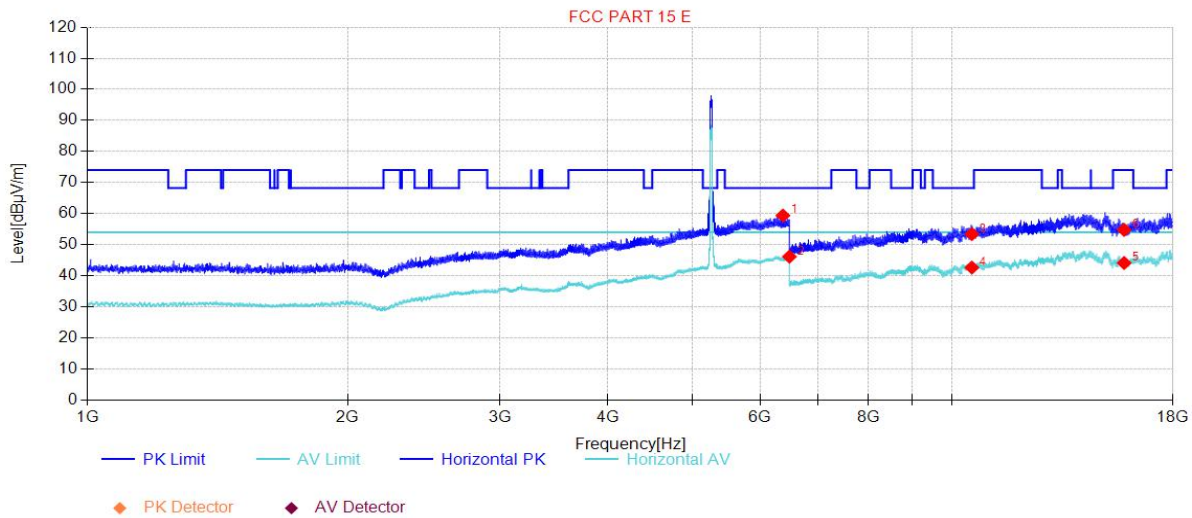
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4.9.2.71 802.11AC40_Channel 54

Test Graph



Suspected List

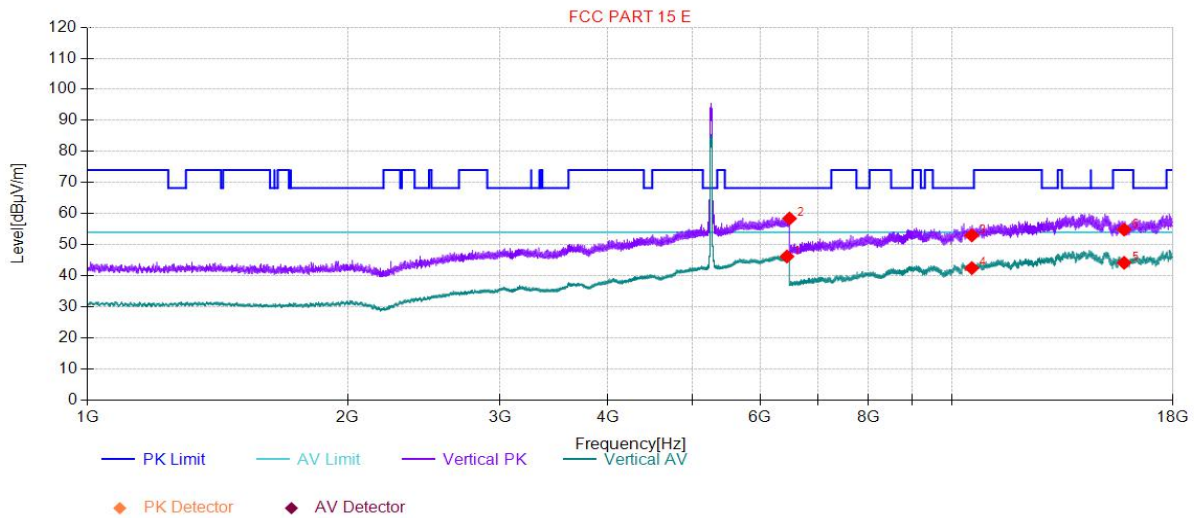
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6373.491	59.37	18.25	68.20	8.83	317	Horizontal
2	6483.865	46.12	18.63	54.00	7.88	157	Horizontal
3	10540.00	53.39	2.39	68.20	14.81	231	Horizontal
4	10540.00	42.61	2.39	54.00	11.39	335	Horizontal
5	15810.00	44.10	5.12	54.00	9.90	280	Horizontal
6	15810.00	54.75	5.12	74.00	19.25	392	Horizontal

Final Data List



4.9.2.72 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6441.329	46.18	18.39	54.00	7.82	287	Vertical
2	6486.065	58.42	18.64	68.20	9.78	371	Vertical
3	10540.00	52.98	2.39	68.20	15.22	127	Vertical
4	10540.00	42.45	2.39	54.00	11.55	331	Vertical
5	15810.00	44.15	5.12	54.00	9.85	350	Vertical
6	15810.00	54.85	5.12	74.00	19.15	304	Vertical

Final Data List

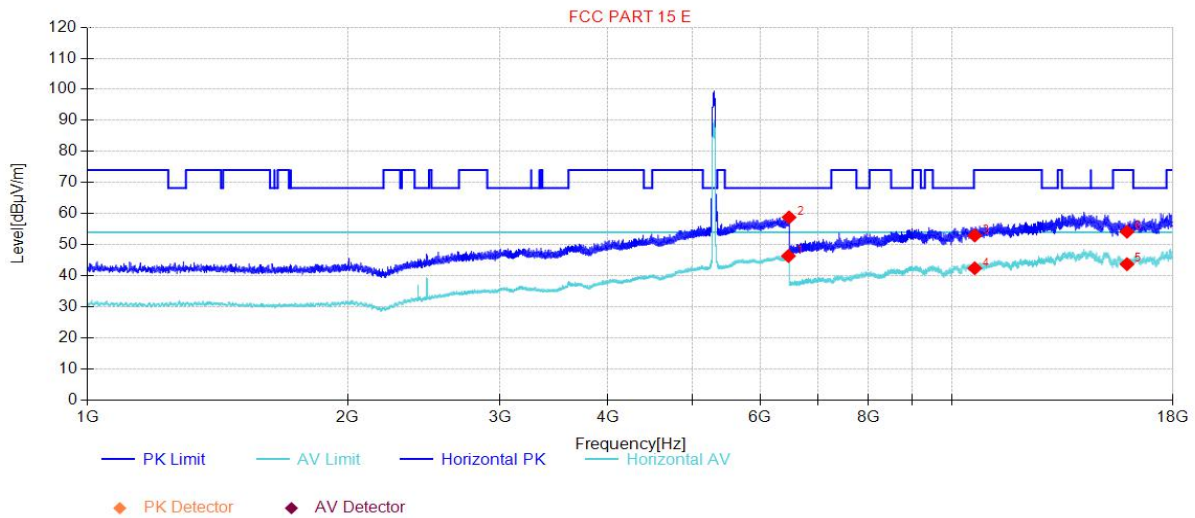


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4.9.2.73 802.11AC40_Channel 62

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6467.364	46.33	18.53	54.00	7.67	134	Horizontal
2	6478.731	58.78	18.60	68.20	9.42	278	Horizontal
3	10620.00	52.95	2.23	74.00	21.05	258	Horizontal
4	10620.00	42.38	2.23	54.00	11.62	276	Horizontal
5	15930.00	43.70	5.15	54.00	10.30	148	Horizontal
6	15930.00	54.14	5.15	74.00	19.86	222	Horizontal

Final Data List

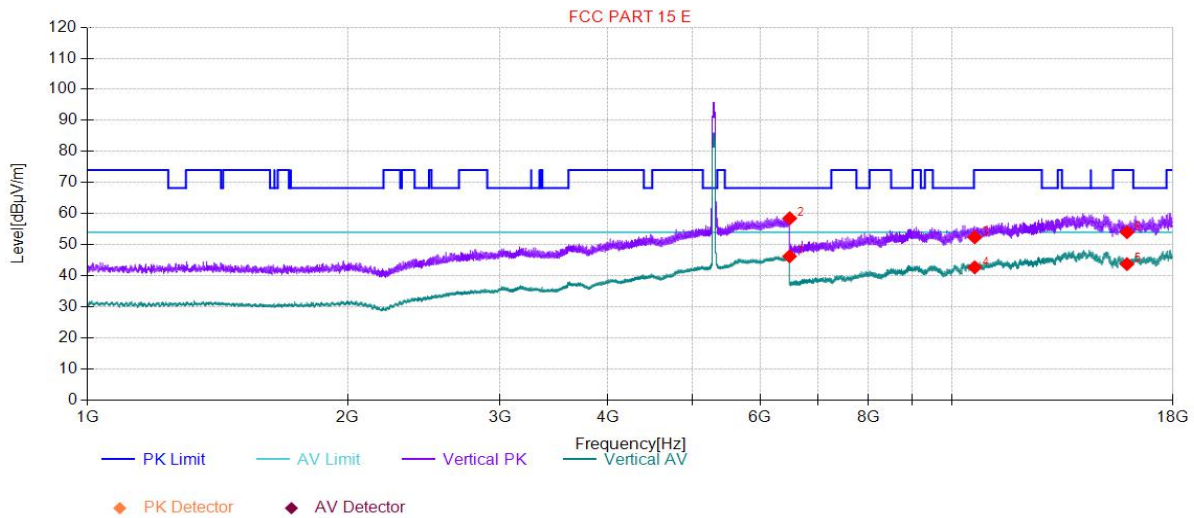


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4.9.2.74 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6486.799	46.23	18.64	54.00	7.77	183	Vertical
2	6489.366	58.47	18.66	68.20	9.73	347	Vertical
3	10620.00	52.36	2.23	74.00	21.64	356	Vertical
4	10620.00	42.69	2.23	54.00	11.31	395	Vertical
5	15930.00	43.73	5.15	54.00	10.27	198	Vertical
6	15930.00	53.99	5.15	74.00	20.01	365	Vertical

Final Data List



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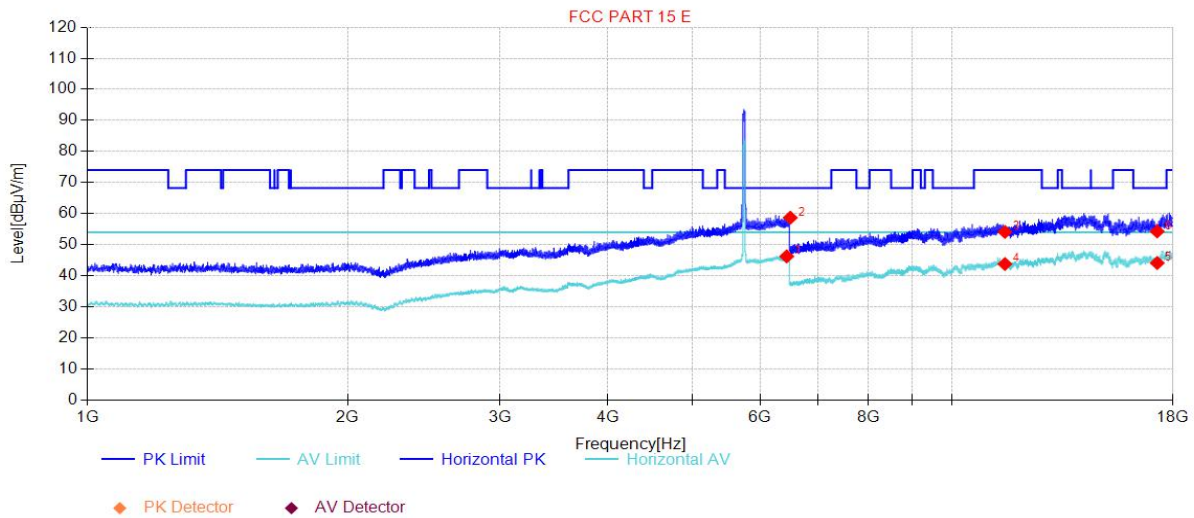
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4.9.2.75 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6437.295	46.20	18.37	54.00	7.80	284	Horizontal
2	6498.899	58.67	18.71	68.20	9.53	359	Horizontal
3	11510.00	54.10	2.17	74.00	19.90	291	Horizontal
4	11510.00	43.76	2.17	54.00	10.24	182	Horizontal
5	17265.00	44.09	6.33	54.00	9.91	315	Horizontal
6	17265.00	54.24	6.33	68.20	13.96	202	Horizontal

Final Data List



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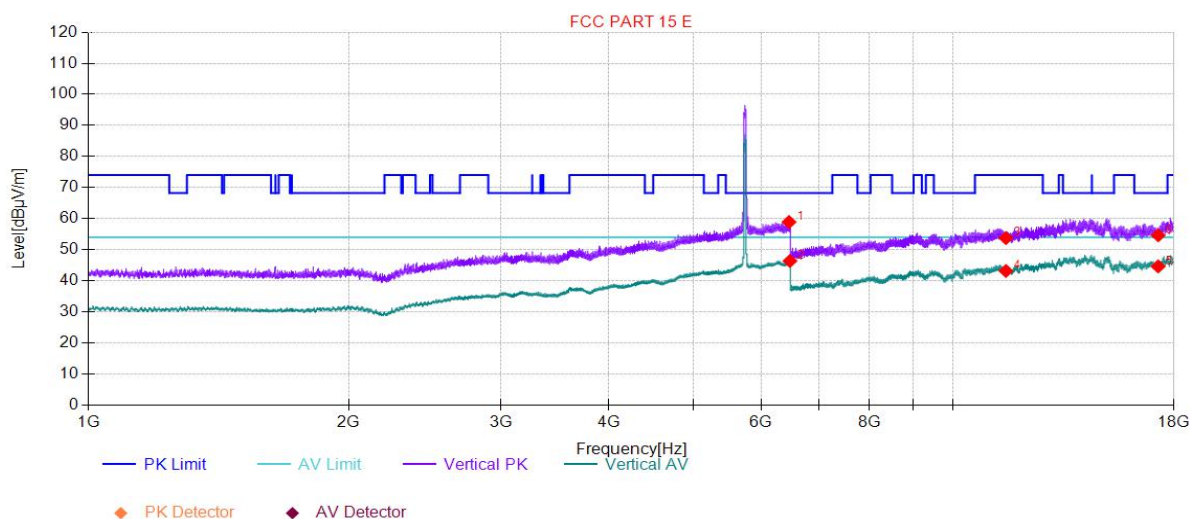
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4.9.2.76 802.11AC40_Channel 151

Test Graph



Suspected List

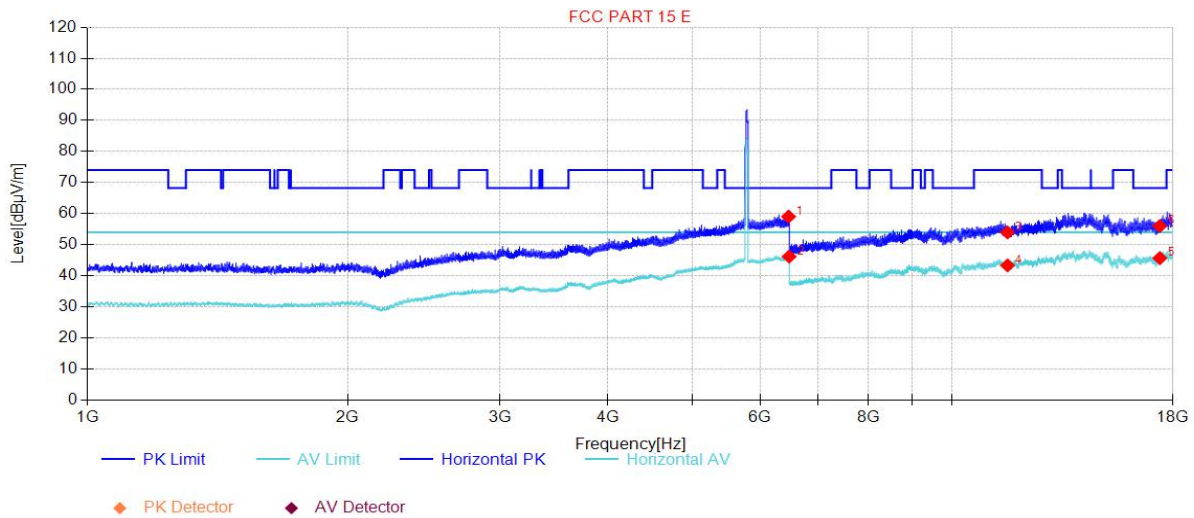
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6461.130	58.89	18.50	68.20	9.31	347	Vertical
2	6476.165	46.35	18.58	54.00	7.65	280	Vertical
3	11510.00	53.72	2.17	74.00	20.28	131	Vertical
4	11510.00	43.14	2.17	54.00	10.86	287	Vertical
5	17265.00	44.60	6.33	54.00	9.40	365	Vertical
6	17265.00	54.61	6.33	68.20	13.59	276	Vertical

Final Data List



4.9.2.77 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6469.931	59.03	18.55	68.20	9.17	357	Horizontal
2	6480.198	46.16	18.61	54.00	7.84	103	Horizontal
3	11590.00	53.94	3.16	74.00	20.06	342	Horizontal
4	11590.00	43.31	3.16	54.00	10.69	292	Horizontal
5	17385.00	45.66	6.82	54.00	8.34	136	Horizontal
6	17385.00	55.99	6.82	68.20	12.21	393	Horizontal

Final Data List

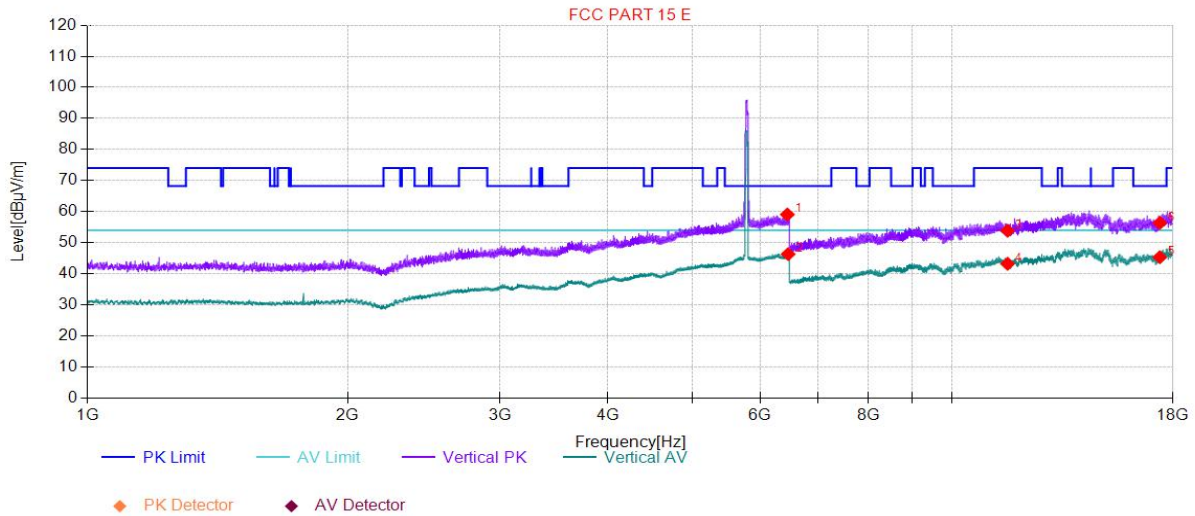


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4.9.2.78 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6448.663	59.05	18.43	68.20	9.15	262	Vertical
2	6462.597	46.30	18.51	54.00	7.70	238	Vertical
3	11590.00	53.84	3.16	74.00	20.16	264	Vertical
4	11590.00	43.19	3.16	54.00	10.81	102	Vertical
5	17385.00	45.30	6.82	54.00	8.70	226	Vertical
6	17385.00	56.35	6.82	68.20	11.85	365	Vertical

Final Data List



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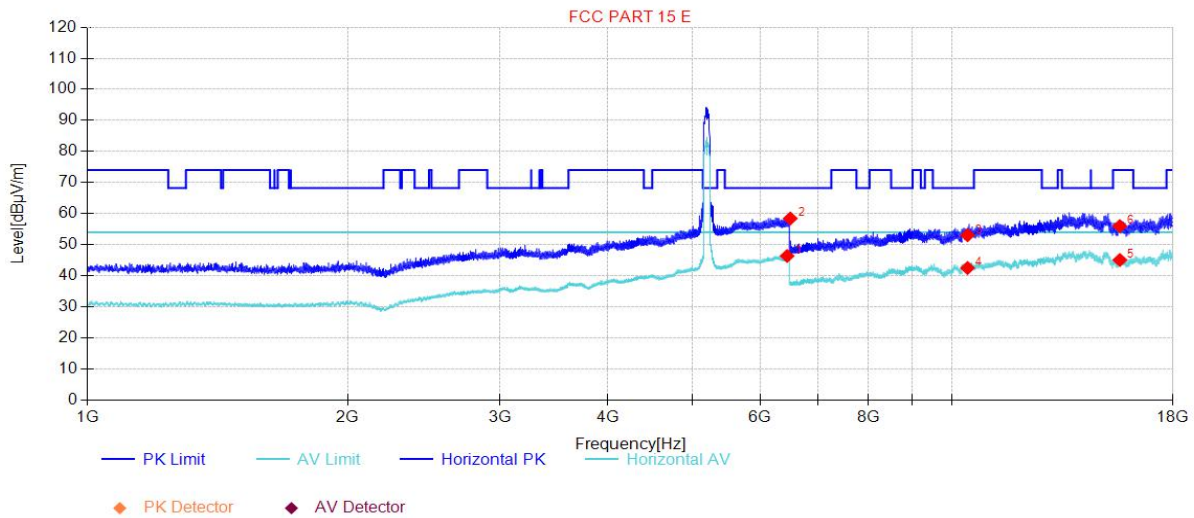
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4.9.2.79 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6443.896	46.34	18.40	54.00	7.66	171	Horizontal
2	6498.533	58.42	18.71	68.20	9.78	150	Horizontal
3	10420.00	53.04	2.44	68.20	15.16	134	Horizontal
4	10420.00	42.48	2.44	54.00	11.52	121	Horizontal
5	15630.00	45.05	6.12	54.00	8.95	324	Horizontal
6	15630.00	55.97	6.12	74.00	18.03	107	Horizontal

Final Data List

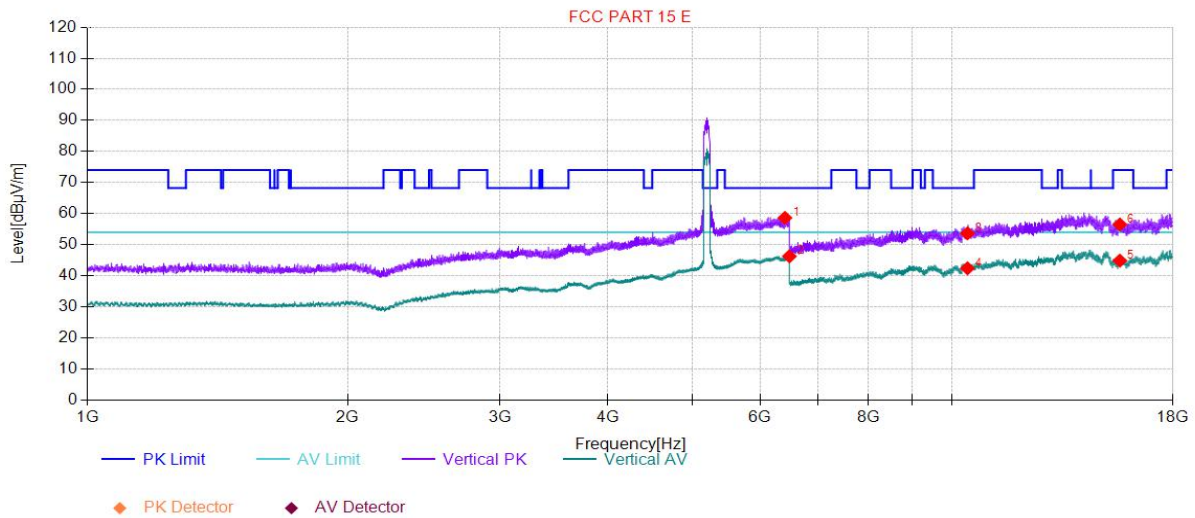


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4.9.2.80 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6406.860	58.61	18.20	68.20	9.59	254	Vertical
2	6483.865	46.24	18.63	54.00	7.76	277	Vertical
3	10420.00	53.64	2.44	68.20	14.56	186	Vertical
4	10420.00	42.37	2.44	54.00	11.63	151	Vertical
5	15630.00	44.85	6.12	54.00	9.15	335	Vertical
6	15630.00	56.49	6.12	74.00	17.51	312	Vertical

Final Data List



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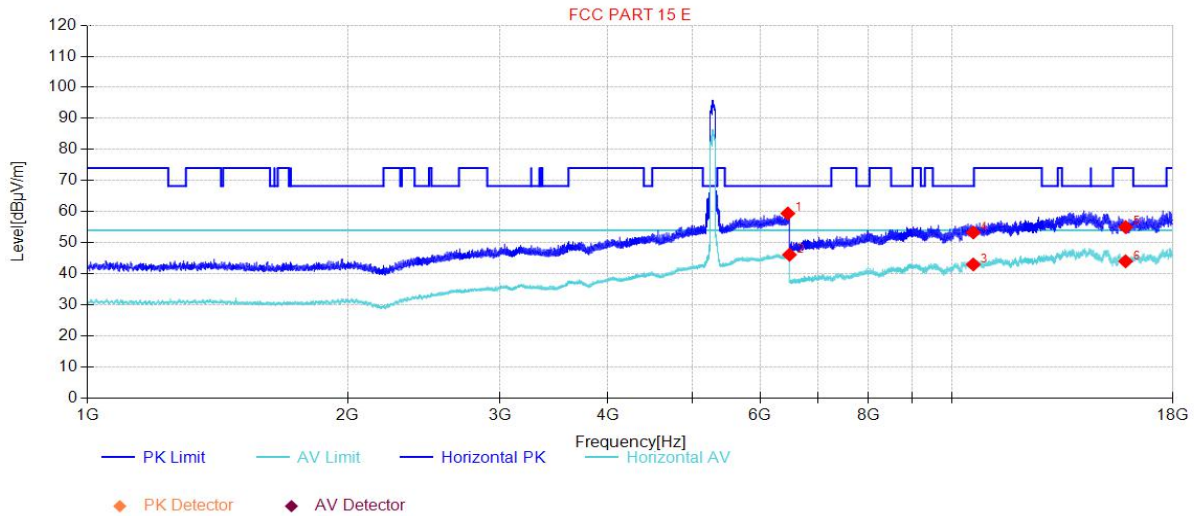
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4.9.2.81 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6457.097	59.39	18.48	68.20	8.81	155	Horizontal
2	6484.965	46.10	18.63	54.00	7.90	133	Horizontal
3	10580.00	42.97	2.29	54.00	11.03	357	Horizontal
4	10580.00	53.27	2.29	68.20	14.93	215	Horizontal
5	15870.00	55.01	5.24	74.00	18.99	204	Horizontal
6	15870.00	43.97	5.24	54.00	10.03	262	Horizontal

Final Data List



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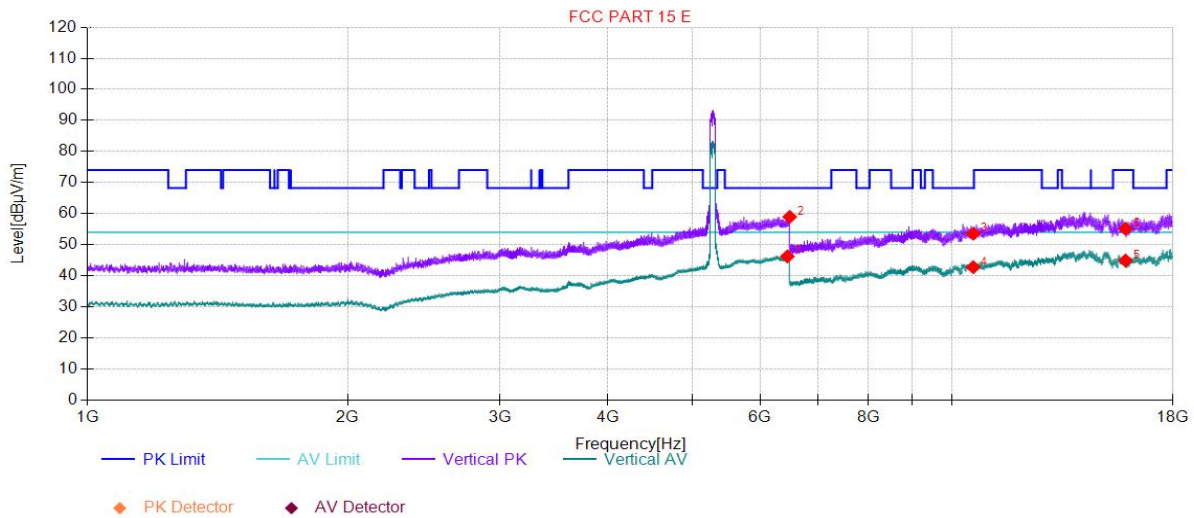
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4.9.2.82 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6449.029	46.19	18.43	54.00	7.81	271	Vertical
2	6488.999	58.96	18.65	68.20	9.24	103	Vertical
3	10580.00	53.52	2.29	68.20	14.68	237	Vertical
4	10580.00	42.73	2.29	54.00	11.27	341	Vertical
5	15870.00	44.86	5.24	54.00	9.14	177	Vertical
6	15870.00	55.14	5.24	74.00	18.86	322	Vertical

Final Data List

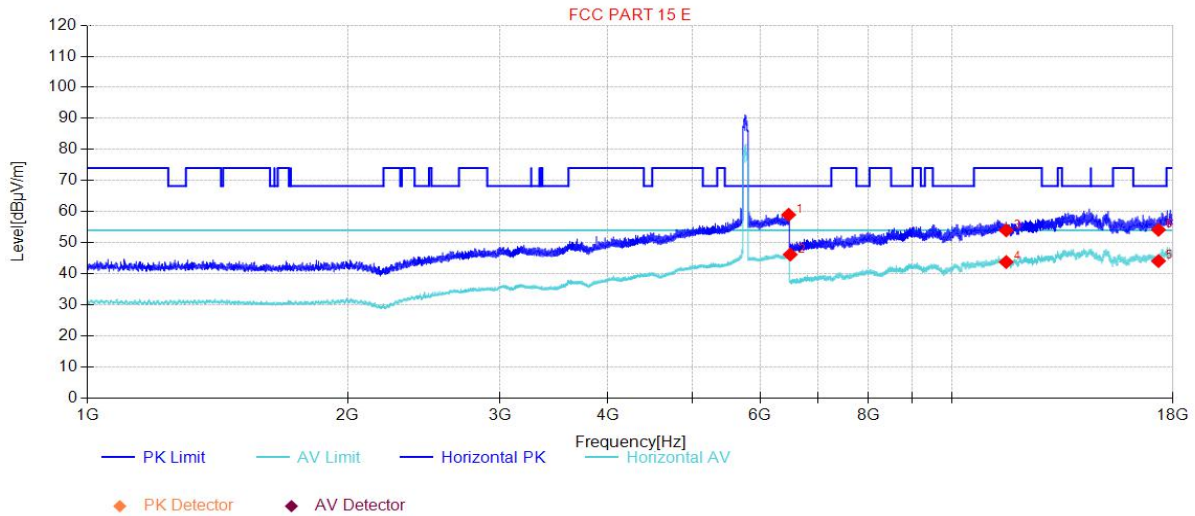


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4.9.2.83 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6471.398	58.97	18.56	68.20	9.23	295	Horizontal
2	6498.166	46.17	18.70	54.00	7.83	117	Horizontal
3	11550.00	53.95	2.67	74.00	20.05	332	Horizontal
4	11550.00	43.75	2.67	54.00	10.25	145	Horizontal
5	17325.00	44.06	6.67	54.00	9.94	237	Horizontal
6	17325.00	54.13	6.67	68.20	14.07	241	Horizontal

Final Data List



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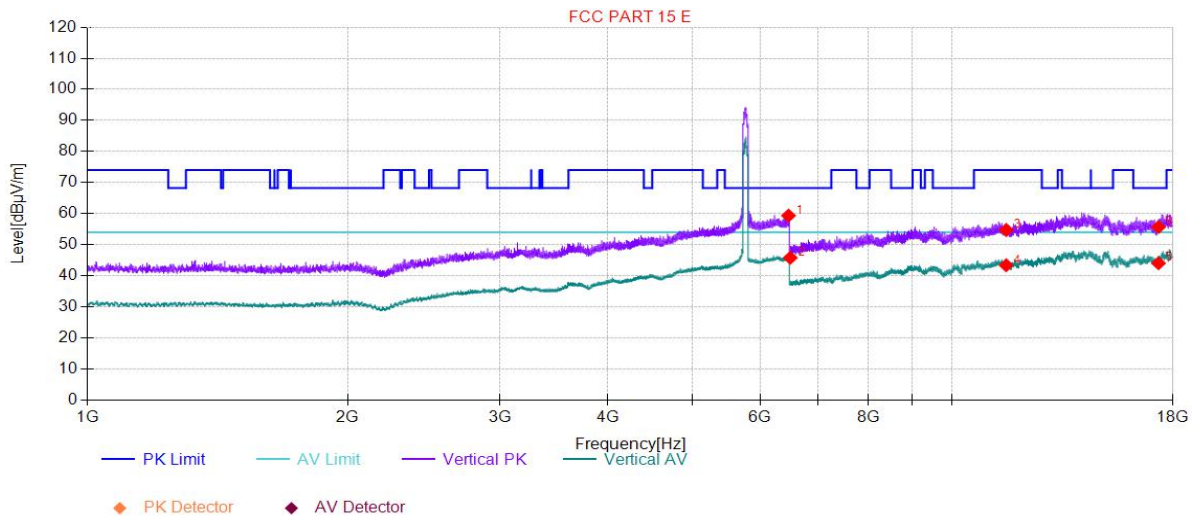
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4.9.2.84 802.11AC80_Channel 155

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Polarity
1	6468.097	59.33	18.54	68.20	8.87	205	Vertical
2	6498.533	45.76	18.71	54.00	8.24	127	Vertical
3	11550.00	54.71	2.67	74.00	19.29	353	Vertical
4	11550.00	43.36	2.67	54.00	10.64	221	Vertical
5	17325.00	44.01	6.67	54.00	9.99	374	Vertical
6	17325.00	55.68	6.67	68.20	12.52	331	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 40GHz, The disturbance between 9KHz to 30MHz and 18GHz to 40GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. 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.



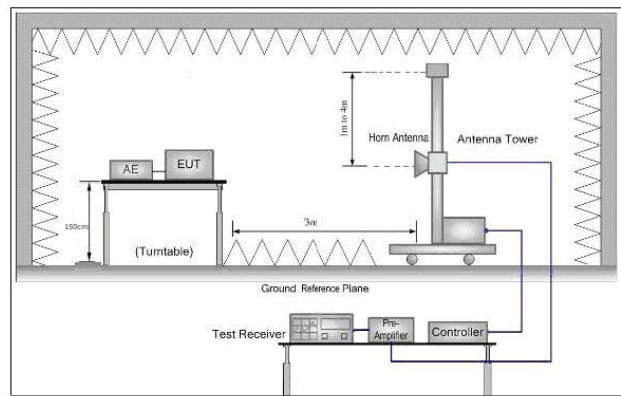
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4.10 Restricted bands around fundamental frequency

Test Requirement:	47 CFR Part 15 Section 15.407(b)		
Test Method:	ANSI C63.10: 2013		
Test Site:	Measurement Distance: 3m (Semi-Anechoic Chamber)		
Limit:	Frequency	Limit (dBuV/m)	Remark
	30MHz-88MHz	40.0	Quasi-peak
	88MHz-216MHz	43.5	Quasi-peak
	216MHz-960MHz	46.0	Quasi-peak
	960MHz-1GHz	54.0	Quasi-peak
	Above 1GHz	54.0	Average Value
		74.0	Peak Value
Test Setup:			



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Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ; MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20). MCS0 of rate is the worst case of 802.11ac(VHT40). MCS0 of rate is the worst case of 802.11ac(VHT80). Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



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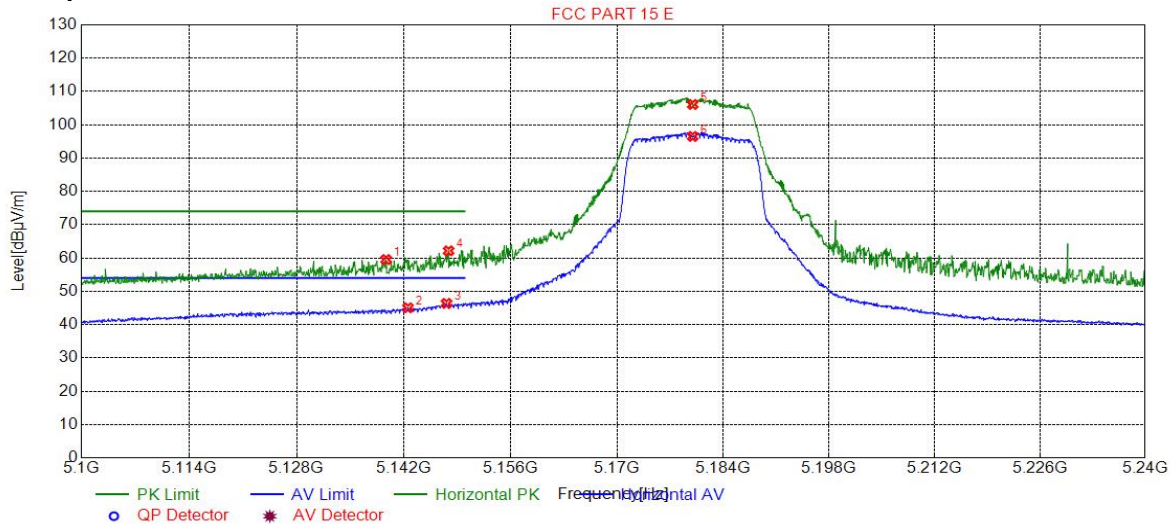
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4.10.1 Test Plots

4.10.1.1 802.11A_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5139.709	59.55	74.00	14.45	133	228	Horizontal
2	5142.581	45.07	54.00	8.93	348	228	Horizontal
3	5147.623	46.39	54.00	7.61	297	228	Horizontal
4	5147.904	62.16	74.00	11.84	360	228	Horizontal
5	5180.000	106.10	0.00	-106.10	165	225	Horizontal
6	5180.000	96.50	0.00	-96.50	178	228	Horizontal

Final Data List



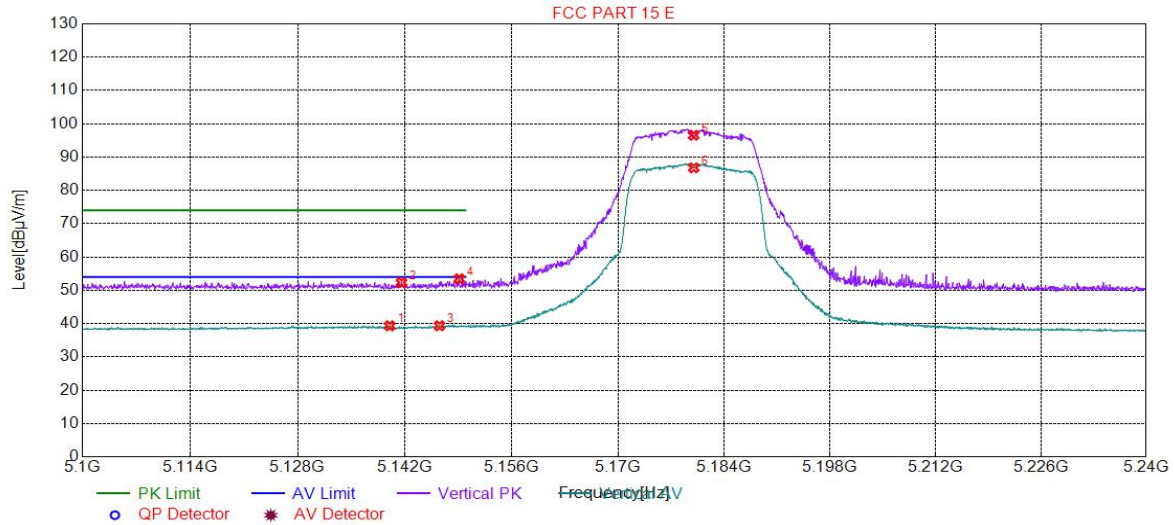
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4.10.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.060	39.36	54.00	14.64	241	136	Vertical
2	5141.600	52.34	74.00	21.66	272	48	Vertical
3	5146.573	39.37	54.00	14.63	105	261	Vertical
4	5149.164	53.49	74.00	20.51	167	124	Vertical
5	5180.000	96.56	0.00	-96.56	315	136	Vertical
6	5180.000	86.78	0.00	-86.78	348	132	Vertical

Final Data List



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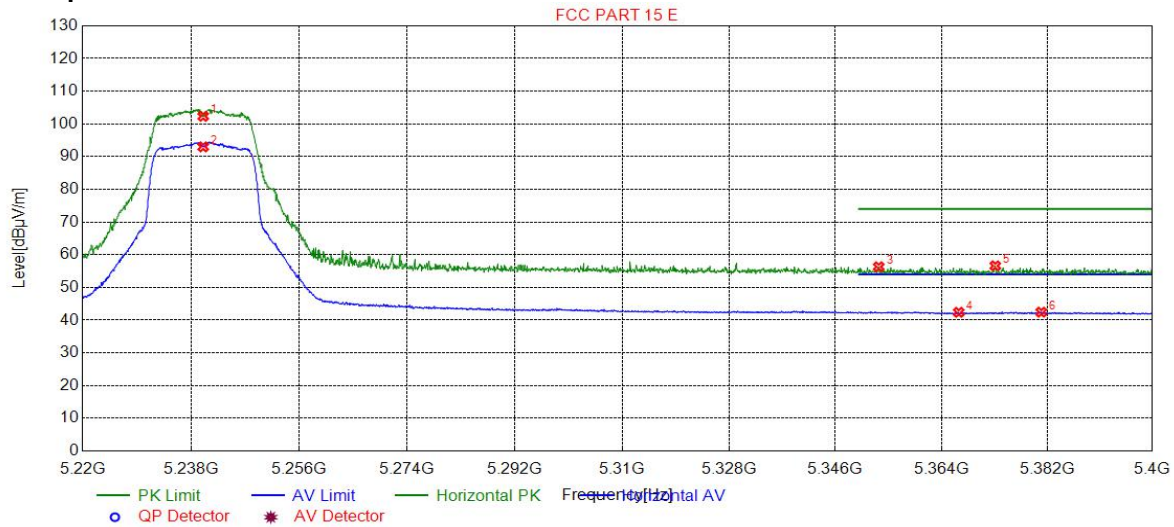
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4.10.1.3 802.11A_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.000	102.34	0.00	-102.34	182	77	Horizontal
2	5240.000	93.00	0.00	-93.00	111	77	Horizontal
3	5353.356	56.33	74.00	17.67	113	346	Horizontal
4	5366.953	42.41	54.00	11.59	174	16	Horizontal
5	5373.166	56.62	74.00	17.38	127	53	Horizontal
6	5381.000	42.46	54.00	11.54	283	123	Horizontal

Final Data List



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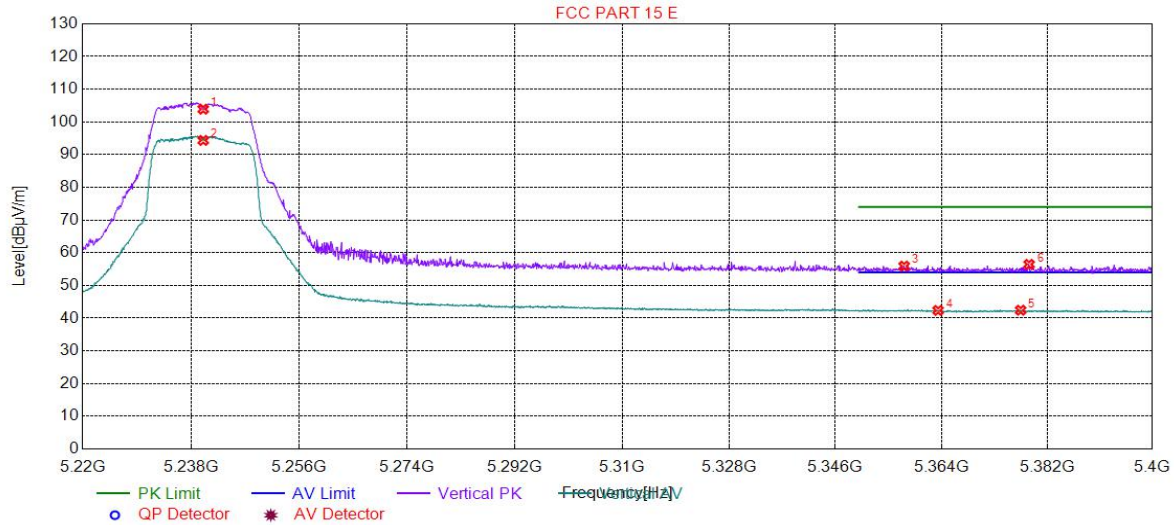
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4.10.1.4 802.11A_Channel 48

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.000	103.91	0.00	-103.91	126	325	Vertical
2	5240.000	94.35	0.00	-94.35	304	274	Vertical
3	5357.678	55.93	74.00	18.07	350	155	Vertical
4	5363.441	42.38	54.00	11.62	303	16	Vertical
5	5377.488	42.44	54.00	11.56	113	121	Vertical
6	5378.929	56.47	74.00	17.53	225	307	Vertical

Final Data List



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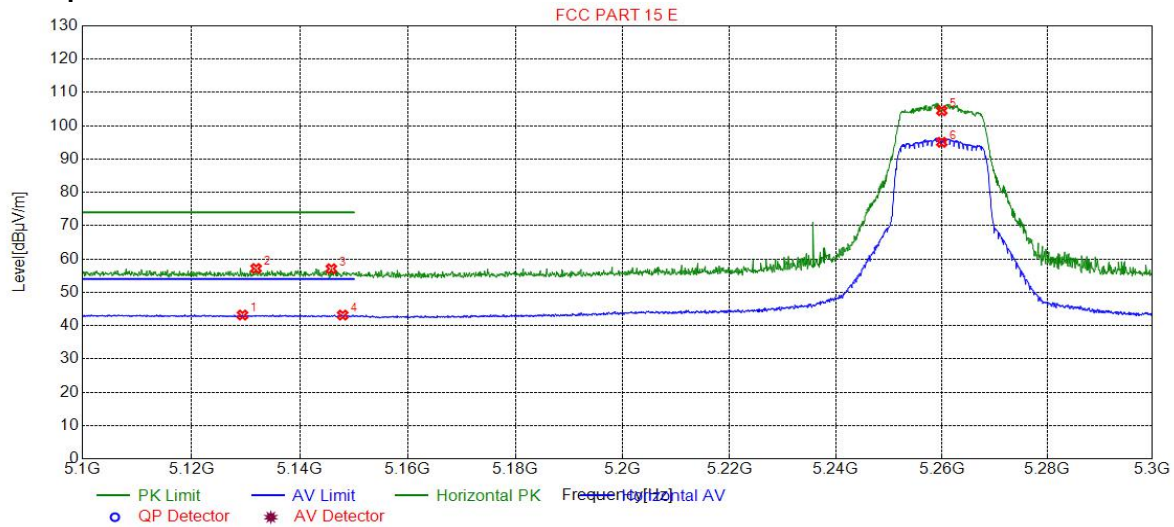
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4.10.1.5 802.11A_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5129.414	43.19	54.00	10.81	255	360	Horizontal
2	5131.916	57.17	74.00	16.83	340	239	Horizontal
3	5145.822	57.09	74.00	16.91	298	182	Horizontal
4	5147.924	43.18	54.00	10.82	377	272	Horizontal
5	5260.000	104.52	0.00	-104.52	192	239	Horizontal
6	5260.000	95.03	0.00	-95.03	316	234	Horizontal

Final Data List



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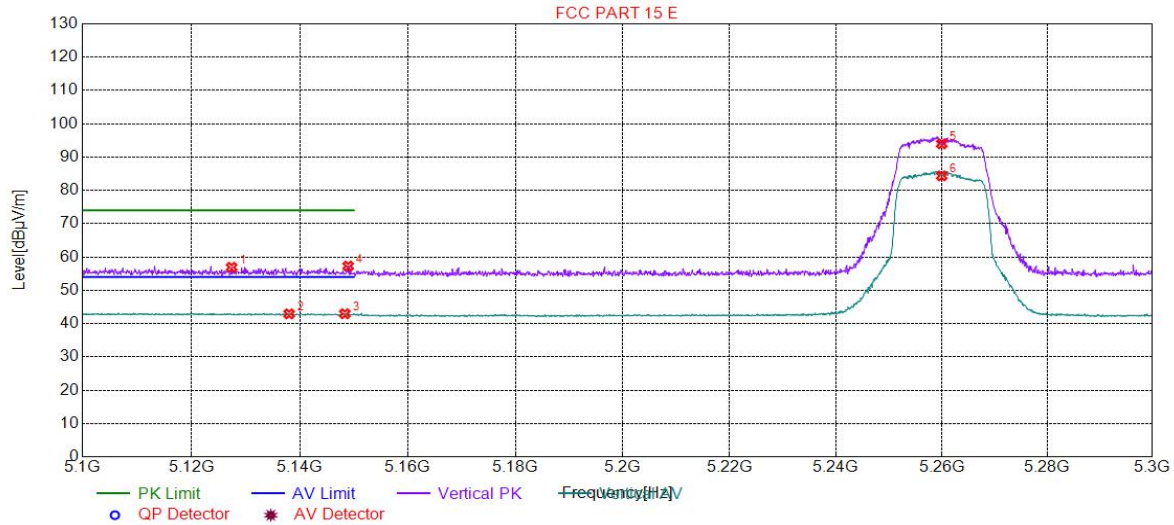
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4.10.1.6 802.11A_Channel 52

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.413	56.92	74.00	17.08	260	293	Vertical
2	5138.019	42.95	54.00	11.05	282	115	Vertical
3	5148.324	42.98	54.00	11.02	382	158	Vertical
4	5148.924	57.29	74.00	16.71	121	293	Vertical
5	5260.000	93.99	0.00	-93.99	165	149	Vertical
6	5260.000	84.37	0.00	-84.37	365	149	Vertical

Final Data List

Final Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.413	56.92	74.00	17.08	260	293	Vertical
2	5138.019	42.95	54.00	11.05	282	115	Vertical
3	5148.324	42.98	54.00	11.02	382	158	Vertical
4	5148.924	57.29	74.00	16.71	121	293	Vertical
5	5260.000	93.99	0.00	-93.99	165	149	Vertical
6	5260.000	84.37	0.00	-84.37	365	149	Vertical



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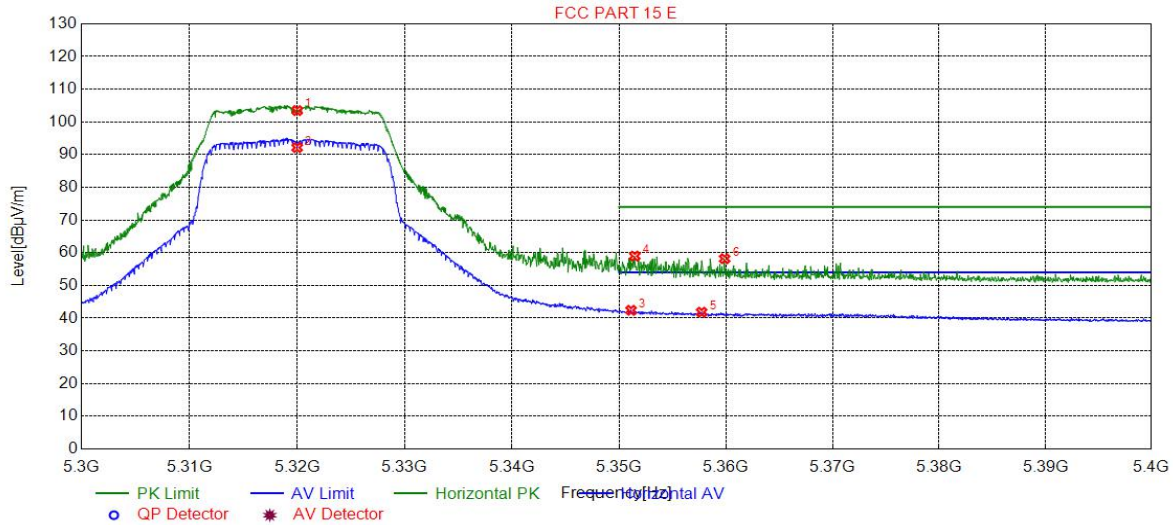
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4.10.1.7 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.000	103.48	0.00	-103.48	339	229	Horizontal
2	5320.000	92.16	0.00	-92.16	123	224	Horizontal
3	5351.125	42.42	54.00	11.58	301	224	Horizontal
4	5351.475	58.99	74.00	15.01	163	229	Horizontal
5	5357.728	41.84	54.00	12.16	198	229	Horizontal
6	5359.879	58.18	74.00	15.82	205	229	Horizontal

Final Data List

Final Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.000	103.48	0.00	-103.48	339	229	Horizontal
2	5320.000	92.16	0.00	-92.16	123	224	Horizontal
3	5351.125	42.42	54.00	11.58	301	224	Horizontal
4	5351.475	58.99	74.00	15.01	163	229	Horizontal
5	5357.728	41.84	54.00	12.16	198	229	Horizontal
6	5359.879	58.18	74.00	15.82	205	229	Horizontal



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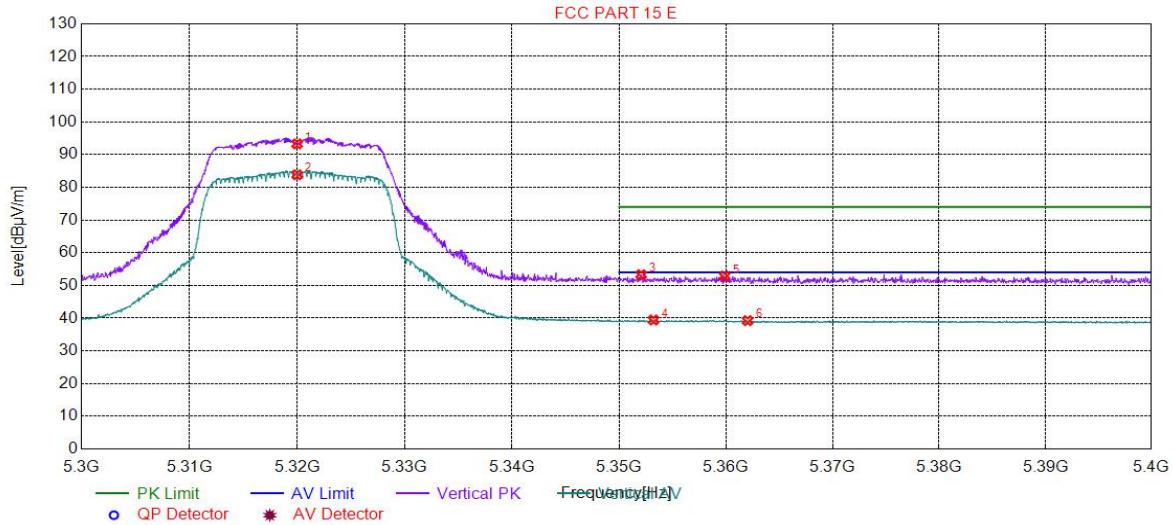
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4.10.1.8 802.11A_Channel 64

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.000	93.30	0.00	-93.30	332	129	Vertical
2	5320.000	83.85	0.00	-83.85	132	129	Vertical
3	5352.076	53.30	74.00	20.70	368	148	Vertical
4	5353.226	39.45	54.00	14.55	188	129	Vertical
5	5359.879	52.90	74.00	21.10	384	72	Vertical
6	5362.031	39.25	54.00	14.75	166	129	Vertical

Final Data List

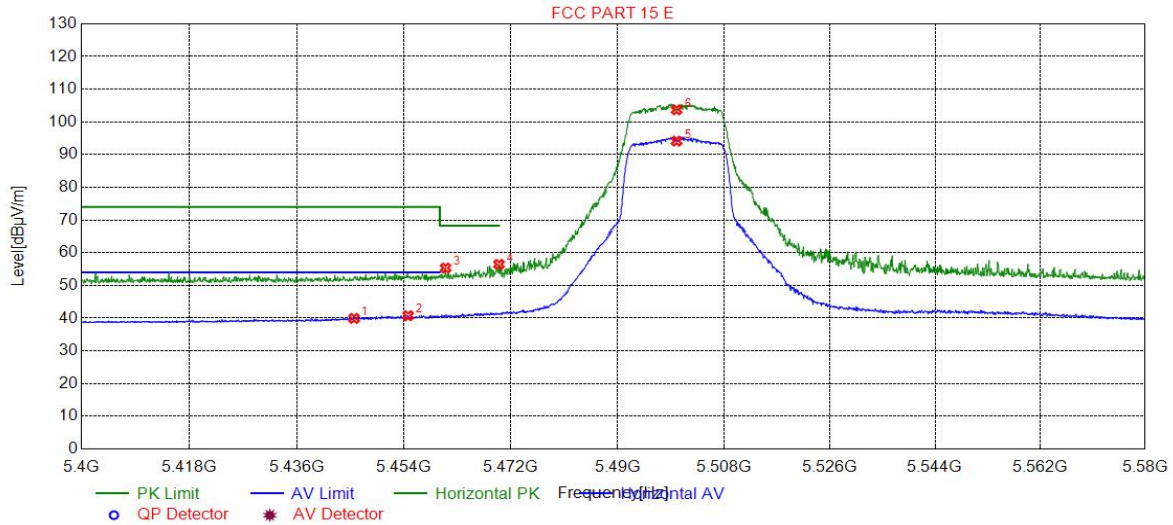


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4.10.1.9 802.11A_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.562	39.94	54.00	14.06	130	226	Horizontal
2	5454.657	40.76	54.00	13.24	377	226	Horizontal
3	5460.960	55.34	68.30	12.96	252	195	Horizontal
4	5469.965	56.47	68.30	11.83	250	226	Horizontal
5	5500.000	94.13	0.00	-94.13	293	222	Horizontal
6	5500.000	103.73	0.00	-103.73	166	222	Horizontal

Final Data List



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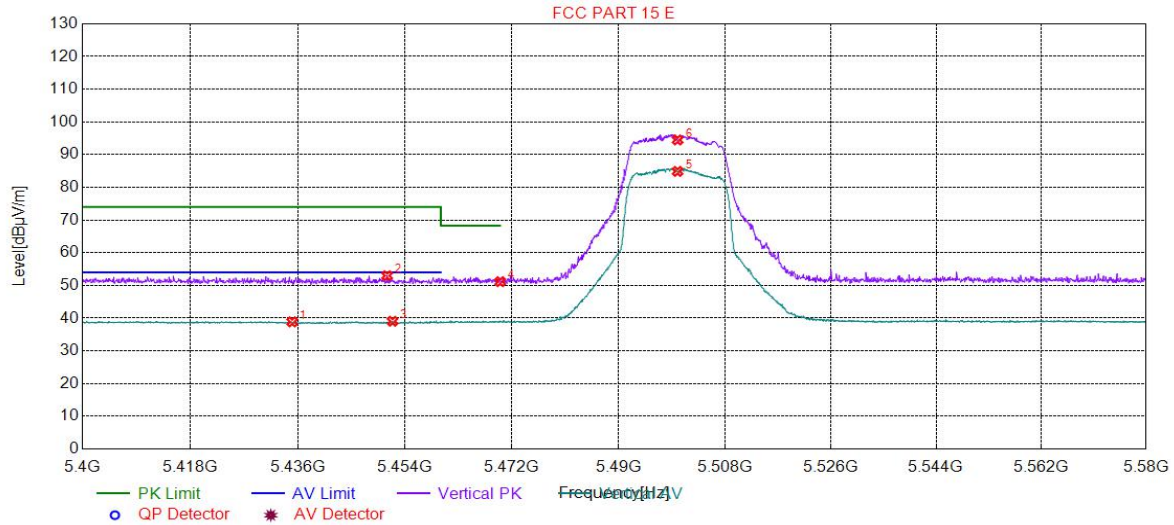
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.10 802.11A_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5435.027	38.88	54.00	15.12	328	149	Vertical
2	5450.965	53.00	74.00	21.00	193	244	Vertical
3	5451.865	39.06	54.00	14.94	316	149	Vertical
4	5470.000	51.18	0.00	-51.18	142	213	Vertical
5	5500.000	84.88	0.00	-84.88	158	248	Vertical
6	5500.000	94.50	0.00	-94.50	242	248	Vertical

Final Data List



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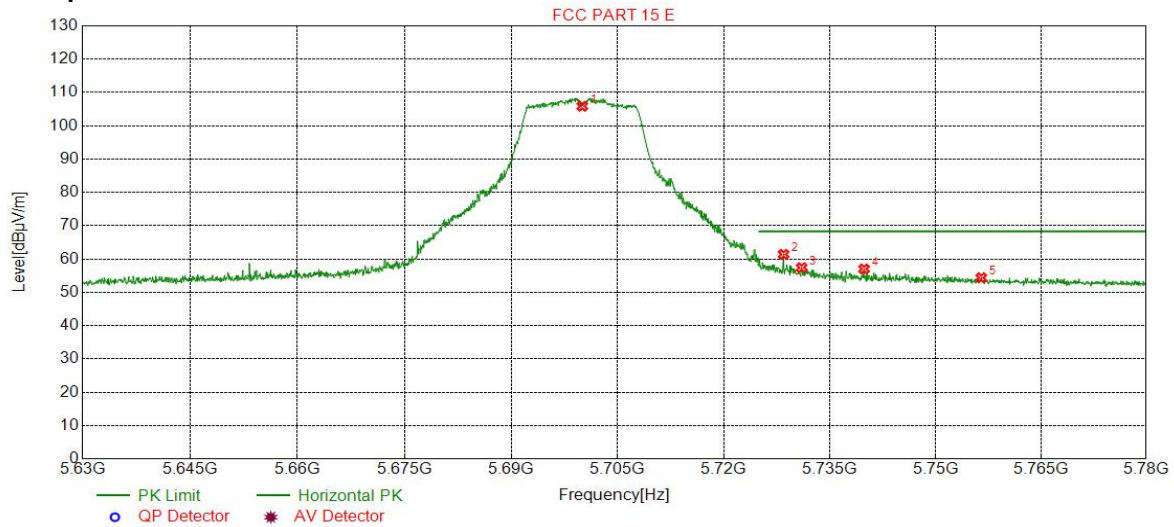
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4.10.1.11 802.11A_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.000	105.88	0.00	-105.88	191	224	Horizontal
2	5728.449	61.39	68.30	6.91	217	84	Horizontal
3	5731.000	57.40	68.30	10.90	218	226	Horizontal
4	5739.854	57.03	68.30	11.27	144	224	Horizontal
5	5756.513	54.39	68.30	13.91	134	324	Horizontal

Final Data List

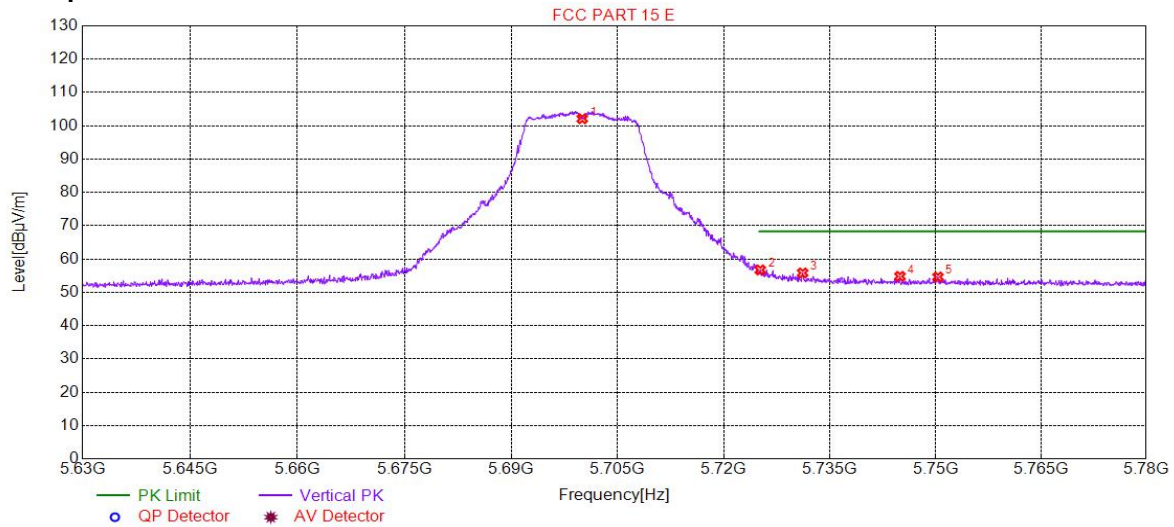


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4.10.1.12 802.11A_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.000	102.11	0.00	-102.11	236	143	Vertical
2	5725.147	56.73	68.30	11.57	300	166	Vertical
3	5731.150	55.83	68.30	12.47	144	177	Vertical
4	5744.957	54.81	68.30	13.49	253	166	Vertical
5	5750.360	54.63	68.30	13.67	118	148	Vertical

Final Data List

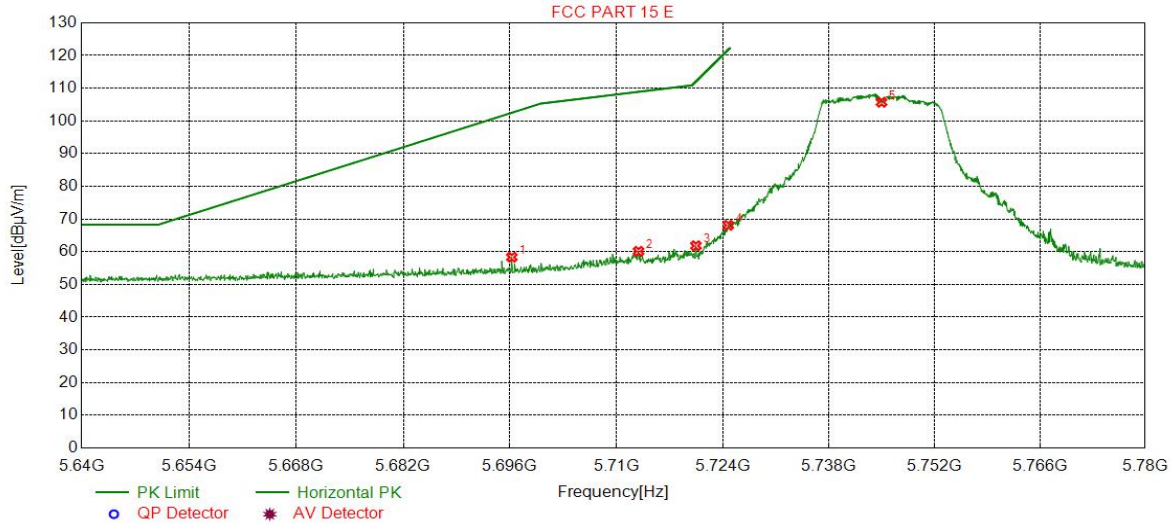


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4.10.1.13 802.11A_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5696.238	58.34	102.52	44.18	325	176	Horizontal
2	5712.906	60.14	108.91	48.77	162	226	Horizontal
3	5720.470	61.84	111.97	50.13	390	229	Horizontal
4	5724.742	68.10	121.71	53.61	390	226	Horizontal
5	5745.000	105.72	0.00	-105.72	288	226	Horizontal

Final Data List

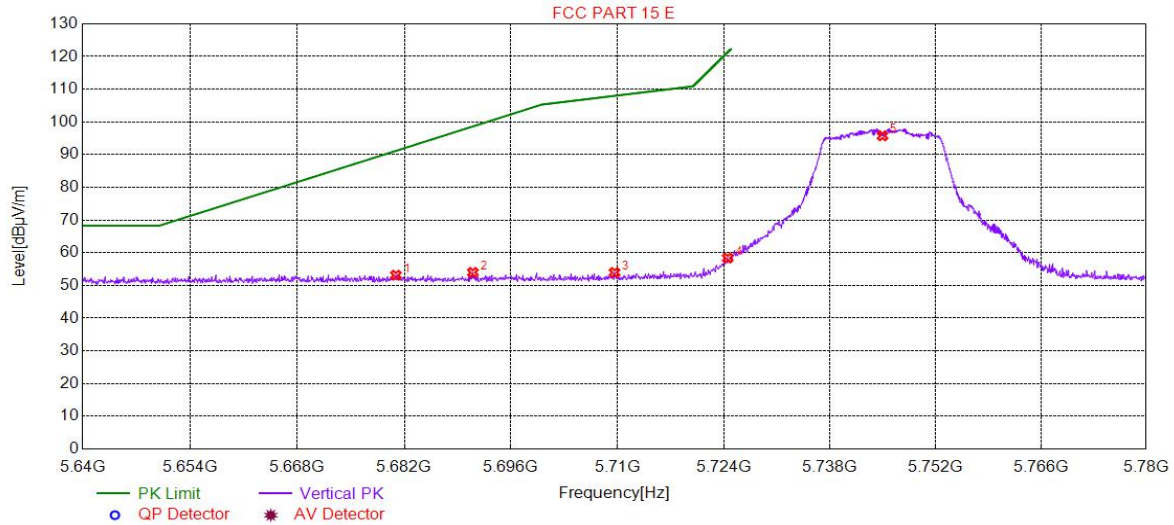


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4.10.1.14 802.11A_Channel 149

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5680.900	53.15	91.17	38.02	166	255	Vertical
2	5690.985	53.99	98.63	44.64	284	128	Vertical
3	5709.614	53.98	107.99	54.01	341	199	Vertical
4	5724.532	58.39	121.23	62.84	152	202	Vertical
5	5745.000	95.76	0.00	-95.76	309	199	Vertical

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