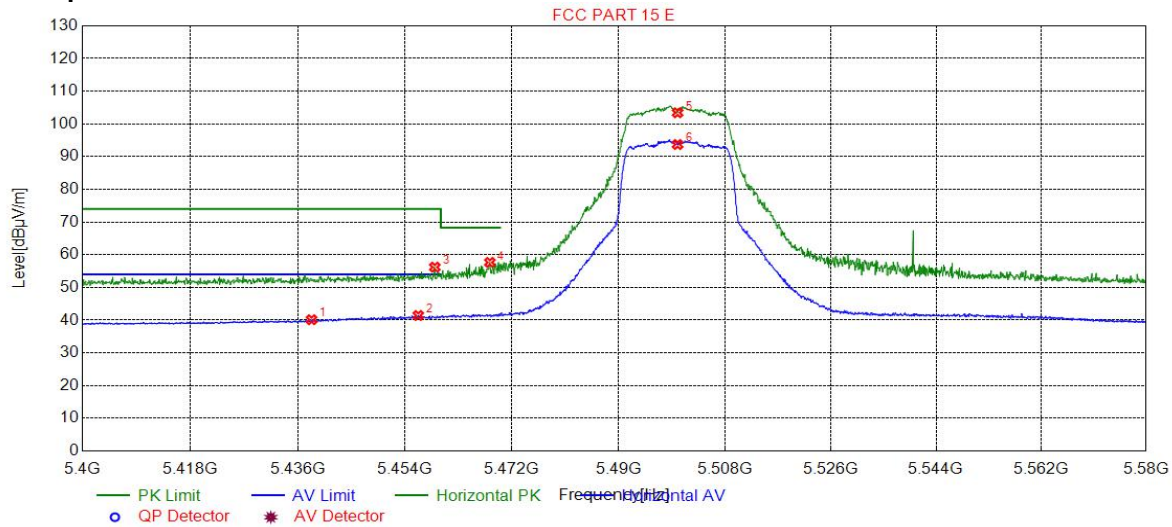


4.10.1.57 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5438.269	40.15	54.00	13.85	245	232	Horizontal
2	5456.188	41.44	54.00	12.56	249	232	Horizontal
3	5458.979	56.21	74.00	17.79	116	232	Horizontal
4	5468.254	57.67	68.30	10.63	210	232	Horizontal
5	5500.000	103.43	0.00	-103.43	321	326	Horizontal
6	5500.000	93.72	0.00	-93.72	354	232	Horizontal

Final Data List

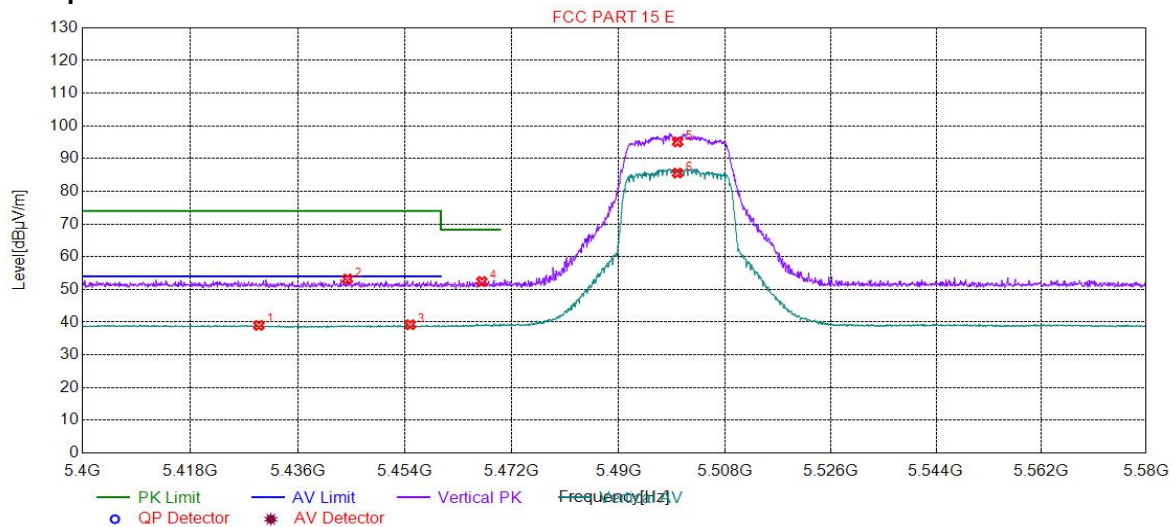


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4.10.1.58 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5429.444	39.00	54.00	15.00	190	198	Vertical
2	5444.302	53.21	74.00	20.79	375	288	Vertical
3	5454.837	39.22	54.00	14.78	393	140	Vertical
4	5466.903	52.45	68.30	15.85	196	132	Vertical
5	5500.000	95.13	0.00	-95.13	265	143	Vertical
6	5500.000	85.60	0.00	-85.60	114	143	Vertical

Final Data List

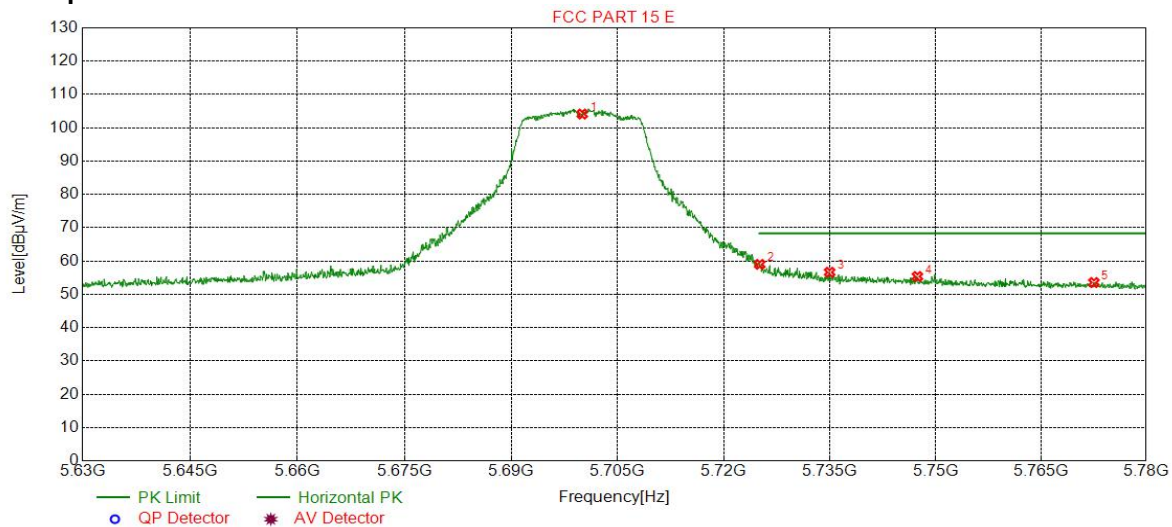


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4.10.1.59 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.000	104.12	0.00	-104.12	313	220	Horizontal
2	5725.072	59.01	68.30	9.29	111	217	Horizontal
3	5734.977	56.64	68.30	11.66	170	220	Horizontal
4	5747.433	55.37	68.30	12.93	360	226	Horizontal
5	5772.571	53.56	68.30	14.74	298	214	Horizontal

Final Data List



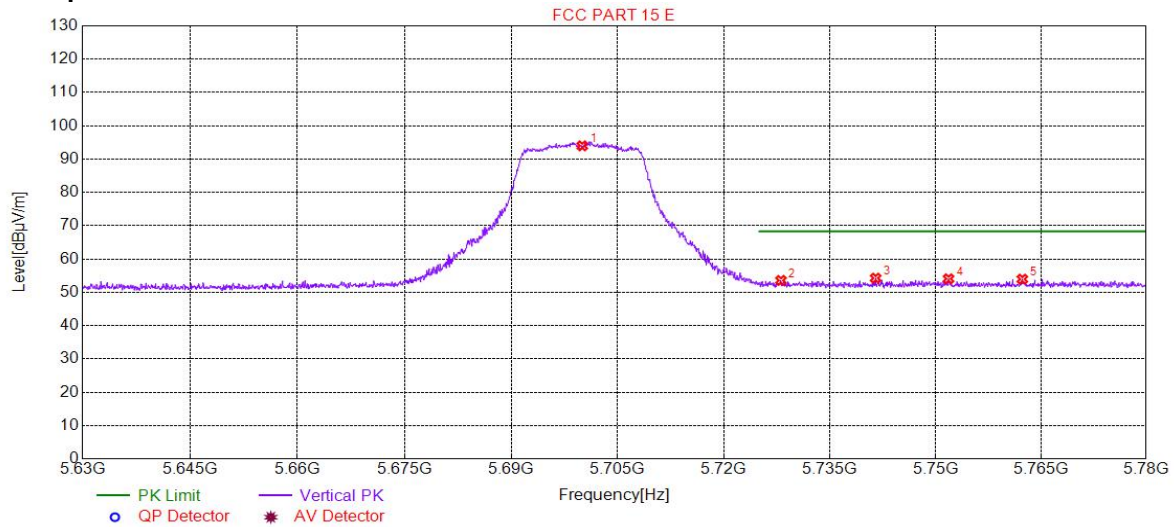
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4.10.1.60 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.000	93.98	0.00	-93.98	267	207	Vertical
2	5728.074	53.59	68.30	14.71	308	207	Vertical
3	5741.505	54.27	68.30	14.03	149	181	Vertical
4	5751.860	54.08	68.30	14.22	210	115	Vertical
5	5762.366	53.97	68.30	14.33	109	20	Vertical

Final Data List

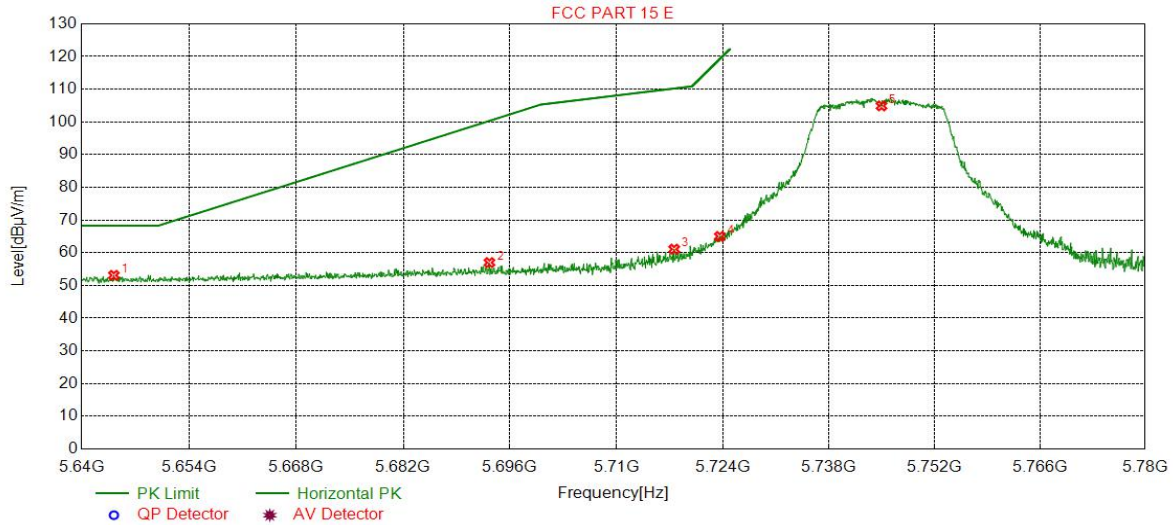


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4.10.1.61 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.202	53.11	68.30	15.19	109	218	Horizontal
2	5693.296	57.00	100.34	43.34	316	221	Horizontal
3	5717.598	61.11	110.23	49.12	195	221	Horizontal
4	5723.621	65.00	119.16	54.16	234	221	Horizontal
5	5745.000	104.90	0.00	-104.90	149	221	Horizontal

Final Data List



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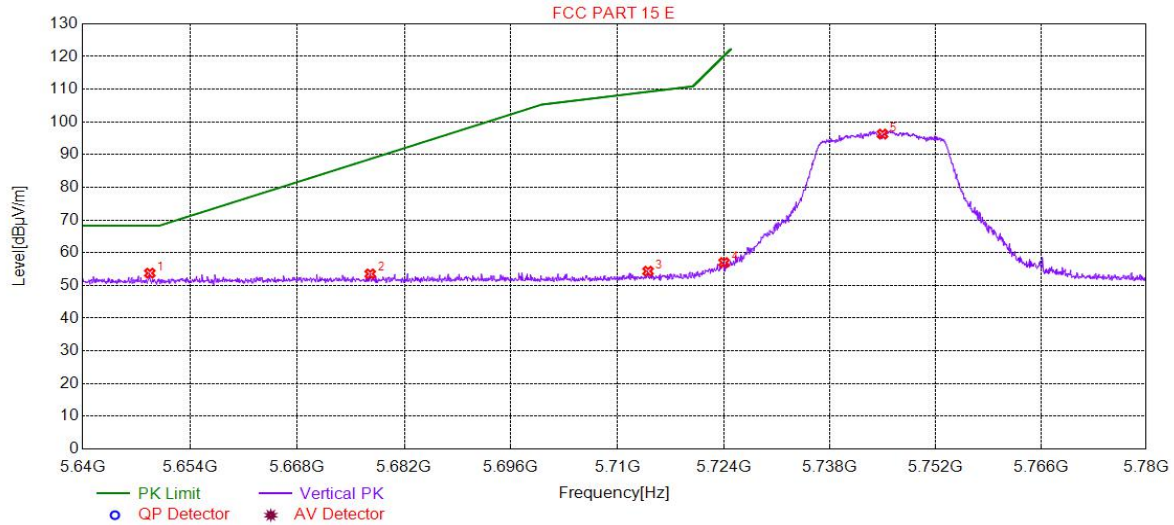
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4.10.1.62 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5648.754	53.76	68.30	14.54	205	186	Vertical
2	5677.538	53.54	88.68	35.14	144	201	Vertical
3	5714.027	54.37	109.23	54.86	255	38	Vertical
4	5724.042	57.01	120.12	63.11	290	28	Vertical
5	5745.000	96.29	0.00	-96.29	222	201	Vertical

Final Data List



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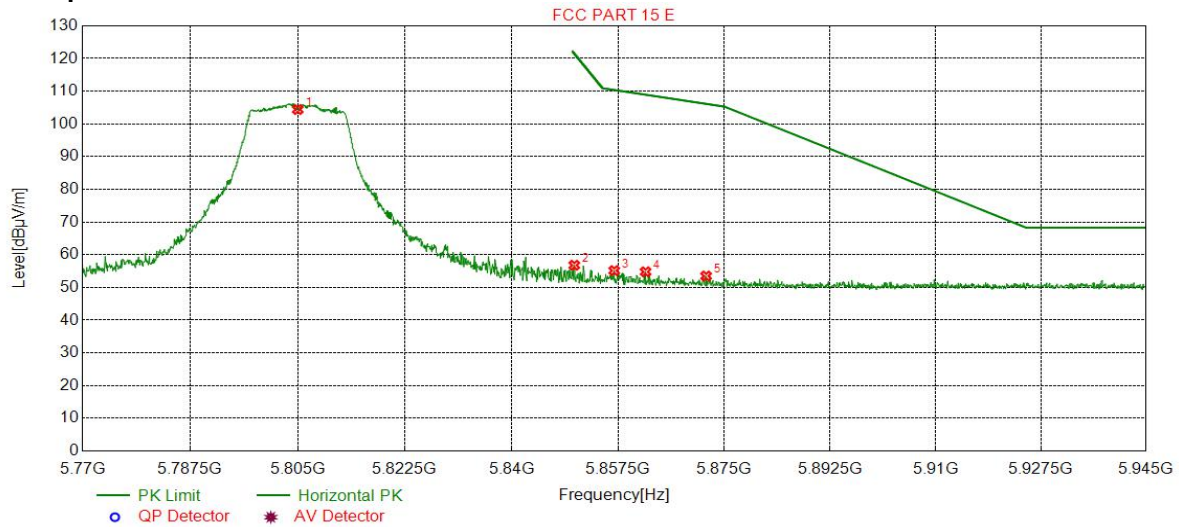
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4.10.1.63 802.11AC20_Channel 165

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.000	104.41	0.00	-104.41	302	233	Horizontal
2	5850.277	56.80	121.67	64.87	311	233	Horizontal
3	5856.843	55.16	110.38	55.22	278	233	Horizontal
4	5862.008	54.79	108.94	54.15	264	233	Horizontal
5	5871.988	53.51	106.14	52.63	153	341	Horizontal

Final Data List

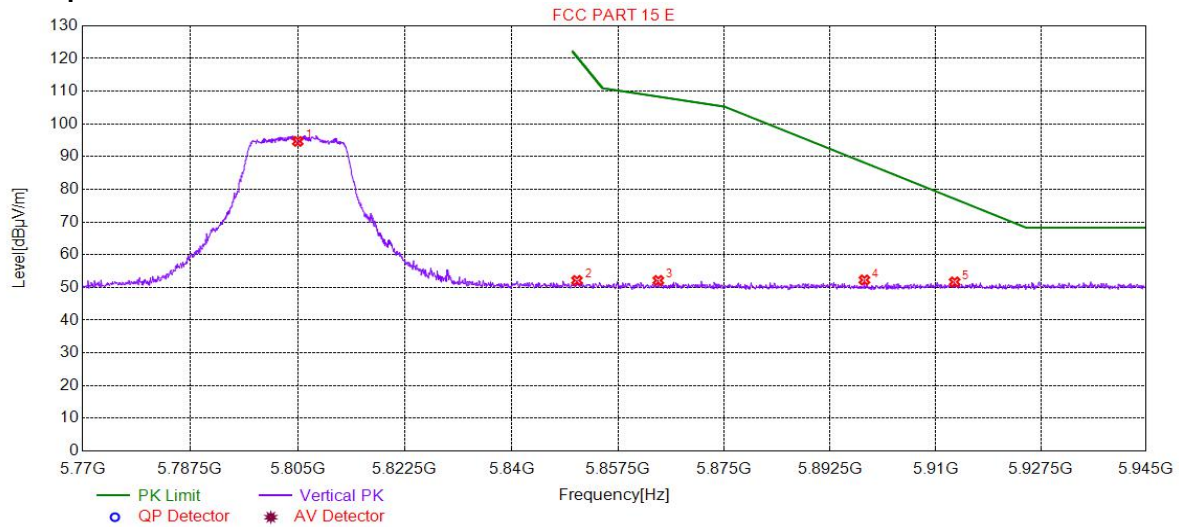


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4.10.1.64 802.11AC20_Channel 165

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.000	94.66	0.00	-94.66	299	200	Vertical
2	5850.715	52.16	120.67	68.51	218	313	Vertical
3	5864.109	52.15	108.35	56.20	387	214	Vertical
4	5898.164	52.30	88.16	35.86	381	344	Vertical
5	5913.134	51.70	77.08	25.38	135	176	Vertical

Final Data List

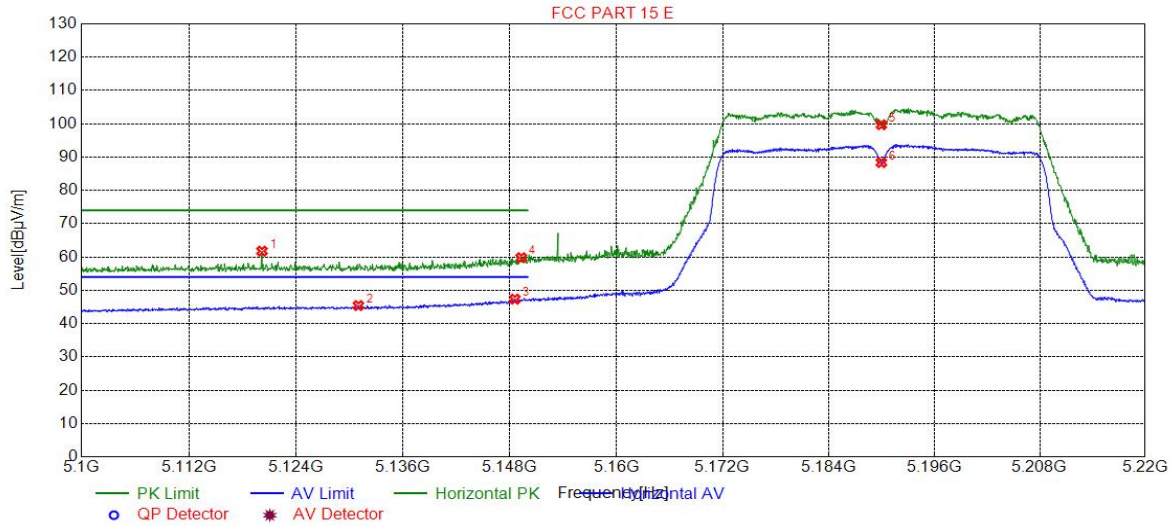


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4.10.1.65 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.170	61.78	74.00	12.22	391	310	Horizontal
2	5130.975	45.44	54.00	8.56	100	223	Horizontal
3	5148.564	47.37	54.00	6.63	175	223	Horizontal
4	5149.284	59.80	74.00	14.20	198	219	Horizontal
5	5190.000	99.71	0.00	-99.71	185	223	Horizontal
6	5190.000	88.35	0.00	-88.35	133	219	Horizontal

Final Data List

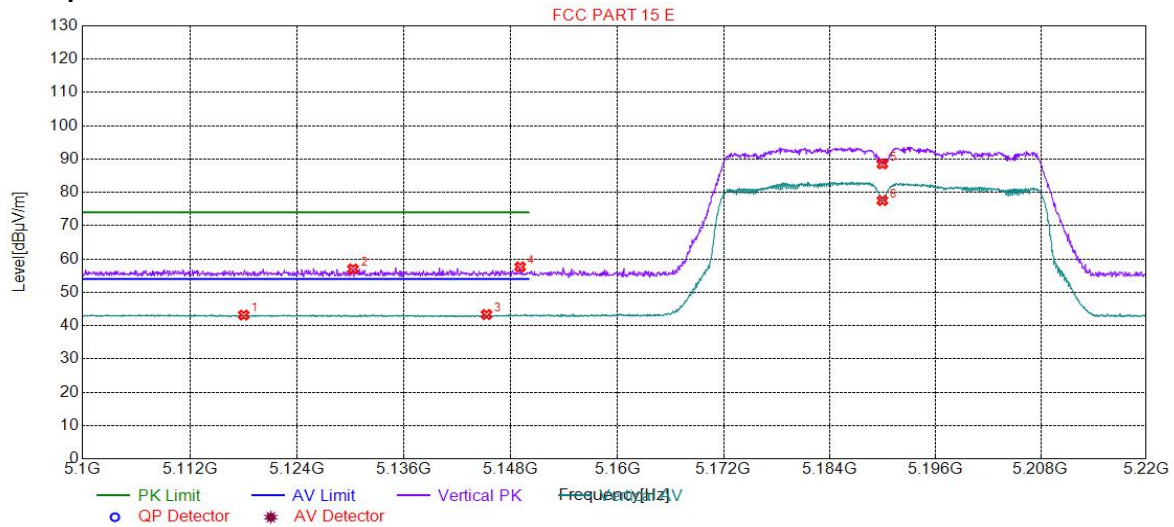


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4.10.1.66 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5118.009	43.18	54.00	10.82	291	141	Vertical
2	5130.255	57.03	74.00	16.97	112	346	Vertical
3	5145.262	43.34	54.00	10.66	120	156	Vertical
4	5149.044	57.65	74.00	16.35	215	168	Vertical
5	5190.000	88.55	0.00	-88.55	191	249	Vertical
6	5190.000	77.57	0.00	-77.57	349	245	Vertical

Final Data List



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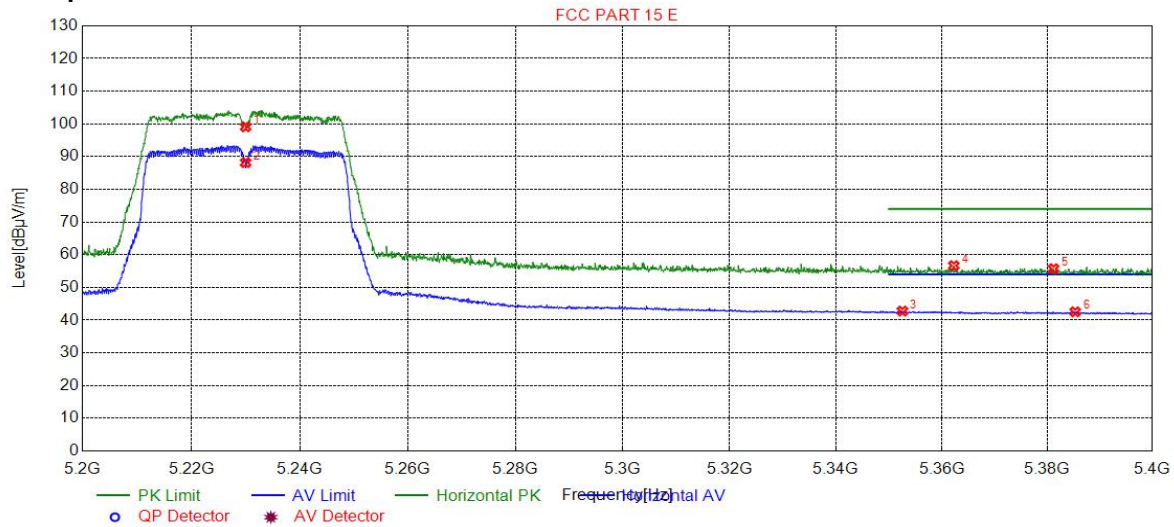
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4.10.1.67 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.000	99.13	0.00	-99.13	330	226	Horizontal
2	5230.000	88.19	0.00	-88.19	195	221	Horizontal
3	5352.576	42.79	54.00	11.21	155	255	Horizontal
4	5362.281	56.68	74.00	17.32	375	221	Horizontal
5	5381.190	55.75	74.00	18.25	148	255	Horizontal
6	5385.292	42.56	54.00	11.44	132	236	Horizontal

Final Data List

Final Data List							
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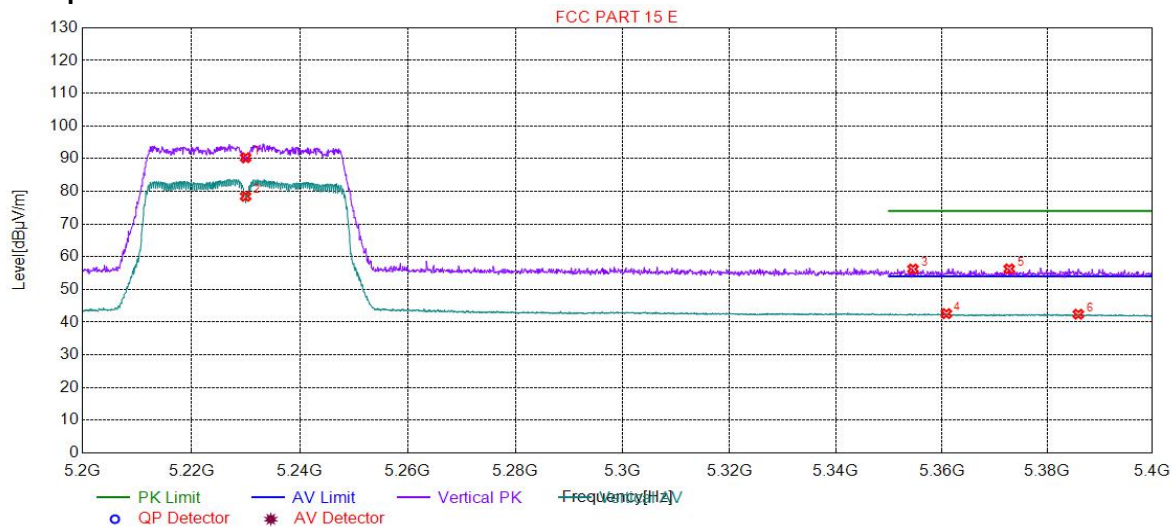
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4.10.1.68

802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.000	90.31	0.00	-90.31	253	257	Vertical
2	5230.000	78.49	0.00	-78.49	166	261	Vertical
3	5354.577	56.26	74.00	17.74	220	227	Vertical
4	5360.880	42.62	54.00	11.38	195	320	Vertical
5	5372.786	56.30	74.00	17.70	203	305	Vertical
6	5385.892	42.44	54.00	11.56	275	21	Vertical

Final Data List

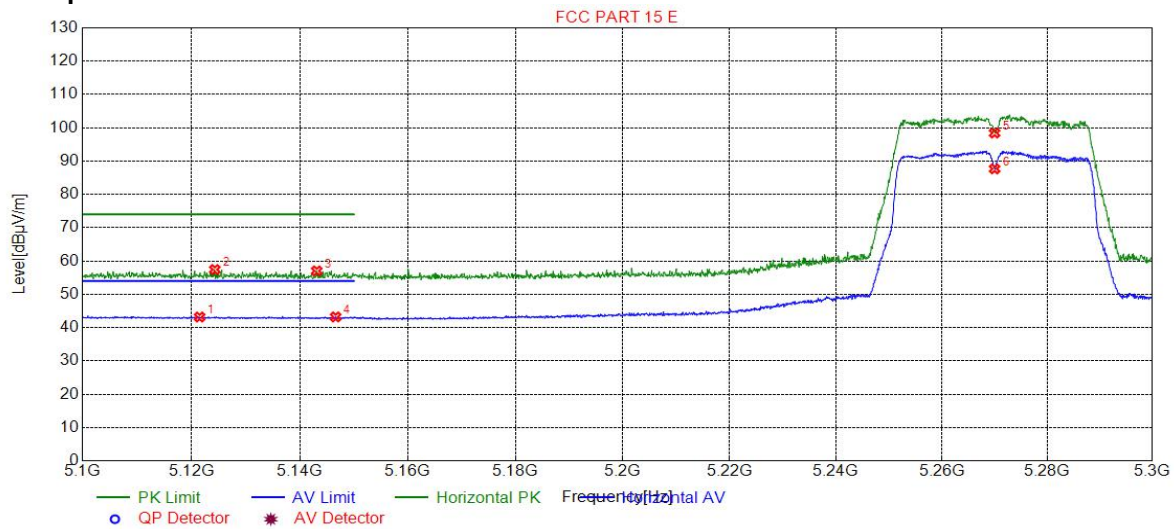


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4.10.1.69 802.11AC40_Channel 54

Test Graph



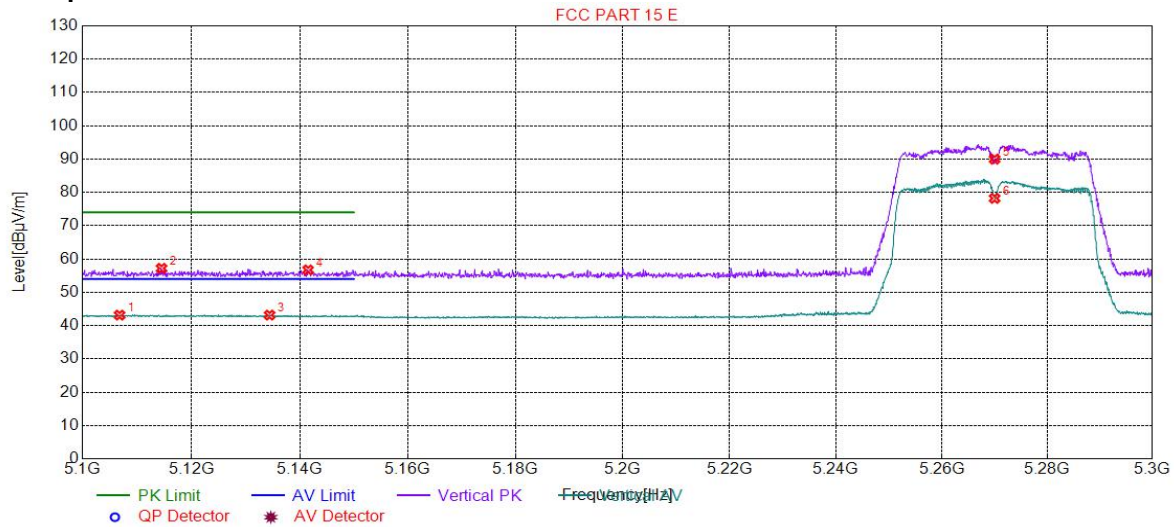
Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5121.510	43.21	54.00	10.79	205	274	Horizontal
2	5124.312	57.46	74.00	16.54	320	347	Horizontal
3	5143.121	57.04	74.00	16.96	378	104	Horizontal
4	5146.623	43.23	54.00	10.77	301	332	Horizontal
5	5270.000	98.42	0.00	-98.42	269	225	Horizontal
6	5270.000	87.67	0.00	-87.67	150	220	Horizontal

Final Data List

4.10.1.70 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5106.803	43.17	54.00	10.83	265	159	Vertical
2	5114.507	57.21	74.00	16.79	398	130	Vertical
3	5134.417	43.18	54.00	10.82	136	261	Vertical
4	5141.520	56.74	74.00	17.26	146	202	Vertical
5	5270.000	89.98	0.00	-89.98	249	252	Vertical
6	5270.000	78.22	0.00	-78.22	255	252	Vertical

Final Data List

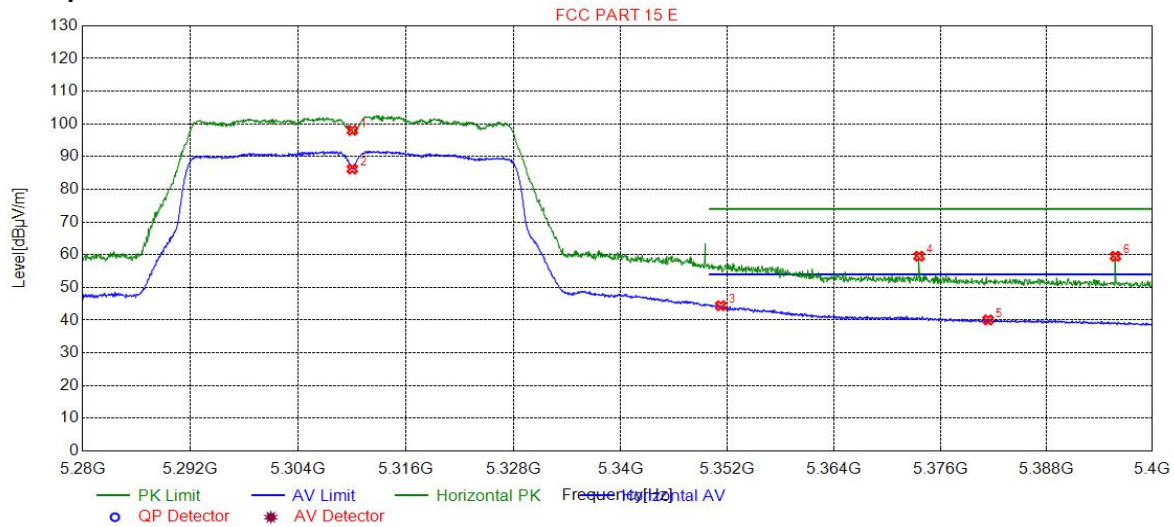


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4.10.1.71 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.000	98.04	0.00	-98.04	221	238	Horizontal
2	5310.000	86.24	0.00	-86.24	265	233	Horizontal
3	5351.255	44.43	54.00	9.57	215	200	Horizontal
4	5373.586	59.57	74.00	14.43	156	312	Horizontal
5	5381.390	40.09	54.00	13.91	321	224	Horizontal
6	5395.797	59.54	74.00	14.46	112	336	Horizontal

Final Data List

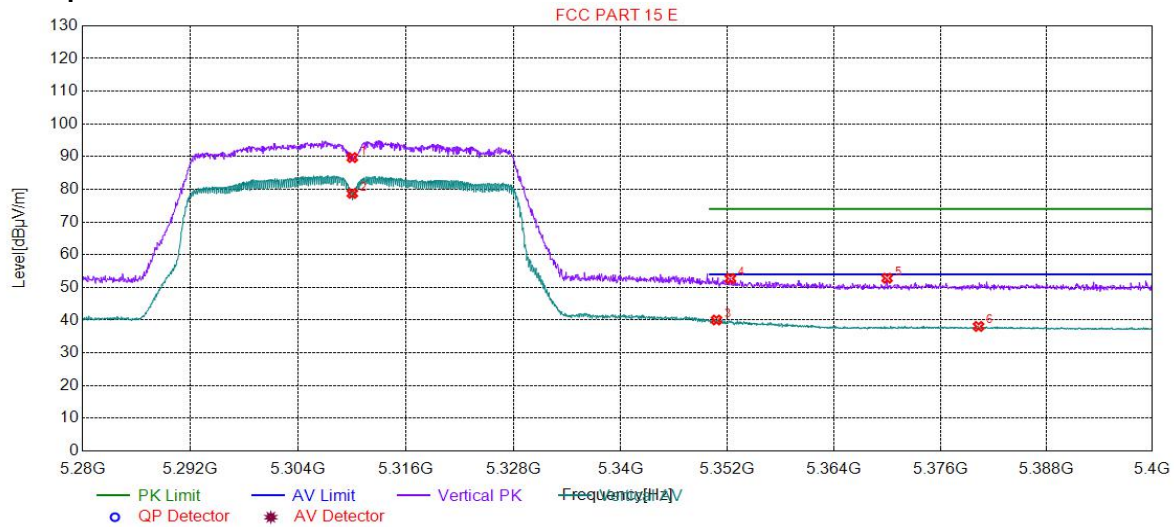


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4.10.1.72 802.11AC40_Channel 62

Test Graph



Suspected List

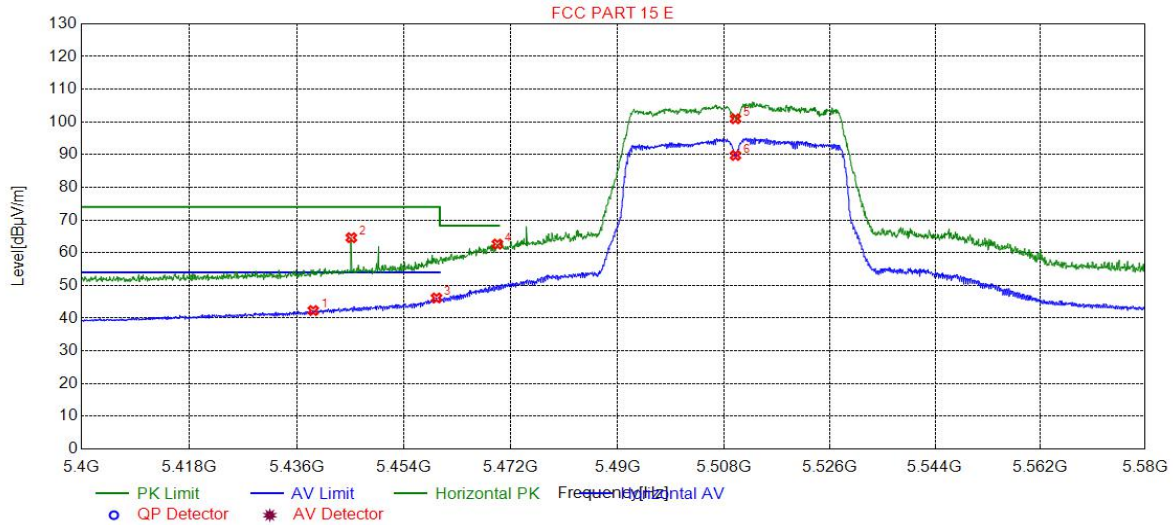
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.000	89.72	0.00	-89.72	250	251	Vertical
2	5310.000	78.76	0.00	-78.76	154	251	Vertical
3	5350.775	40.06	54.00	13.94	302	251	Vertical
4	5352.336	52.75	74.00	21.25	291	246	Vertical
5	5369.985	52.83	74.00	21.17	355	256	Vertical
6	5380.310	38.10	54.00	15.90	364	208	Vertical

Final Data List

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4.10.1.73 802.11AC40_Channel 102

Test Graph



Suspected List

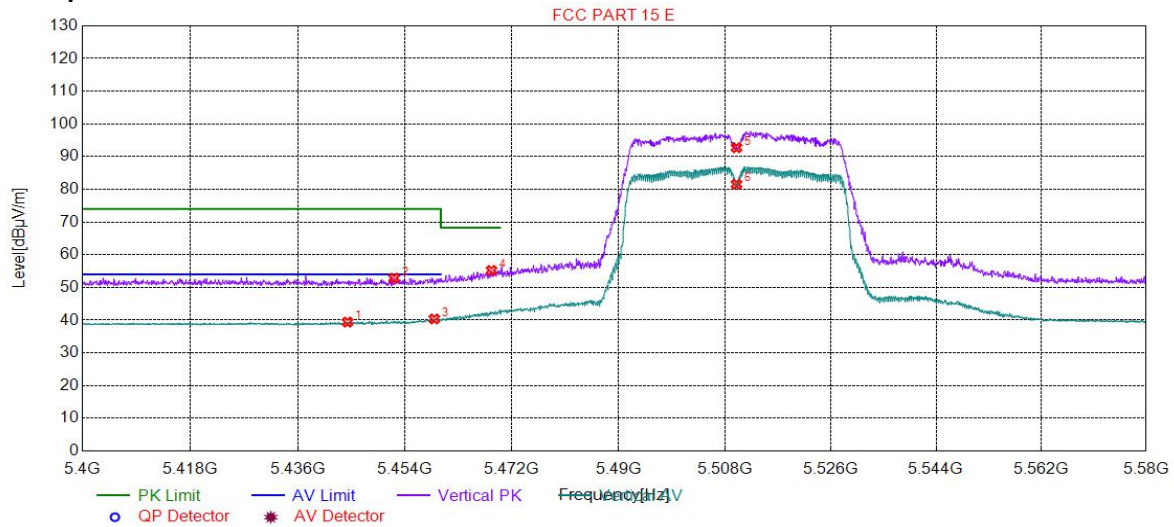
Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5438.719	42.34	54.00	11.66	397	231	Horizontal
2	5445.112	64.61	74.00	9.39	222	314	Horizontal
3	5459.429	46.19	54.00	7.81	336	231	Horizontal
4	5469.694	62.65	68.30	5.65	284	231	Horizontal
5	5510.000	100.98	0.00	-100.98	125	236	Horizontal
6	5510.000	89.76	0.00	-89.76	237	231	Horizontal

Final Data List

Final Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5438.719	42.34	54.00	11.66	397	231	Horizontal
2	5445.112	64.61	74.00	9.39	222	314	Horizontal
3	5459.429	46.19	54.00	7.81	336	231	Horizontal
4	5469.694	62.65	68.30	5.65	284	231	Horizontal
5	5510.000	100.98	0.00	-100.98	125	236	Horizontal
6	5510.000	89.76	0.00	-89.76	237	231	Horizontal

4.10.1.74 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5444.302	39.42	54.00	14.58	245	257	Vertical
2	5452.136	52.85	74.00	21.15	115	139	Vertical
3	5458.889	40.38	54.00	13.62	158	144	Vertical
4	5468.524	55.21	68.30	13.09	123	144	Vertical
5	5510.000	92.75	0.00	-92.75	247	139	Vertical
6	5510.000	81.57	0.00	-81.57	377	144	Vertical

Final Data List

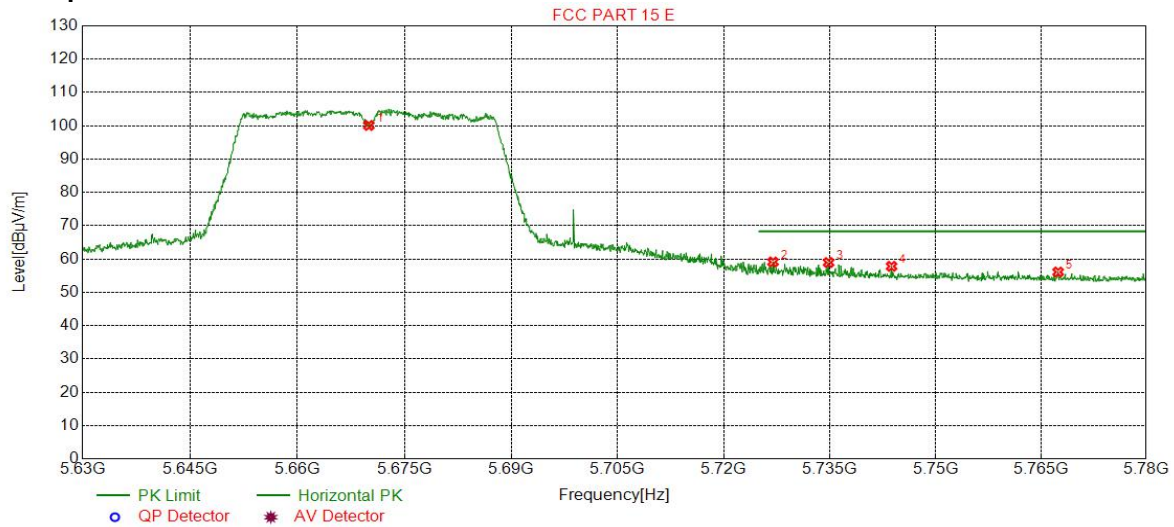


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4.10.1.75 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.000	100.10	0.00	-100.10	340	227	Horizontal
2	5726.948	59.12	68.30	9.18	345	230	Horizontal
3	5734.827	58.96	68.30	9.34	264	230	Horizontal
4	5743.756	57.82	68.30	10.48	351	227	Horizontal
5	5767.468	56.11	68.30	12.19	320	230	Horizontal

Final Data List

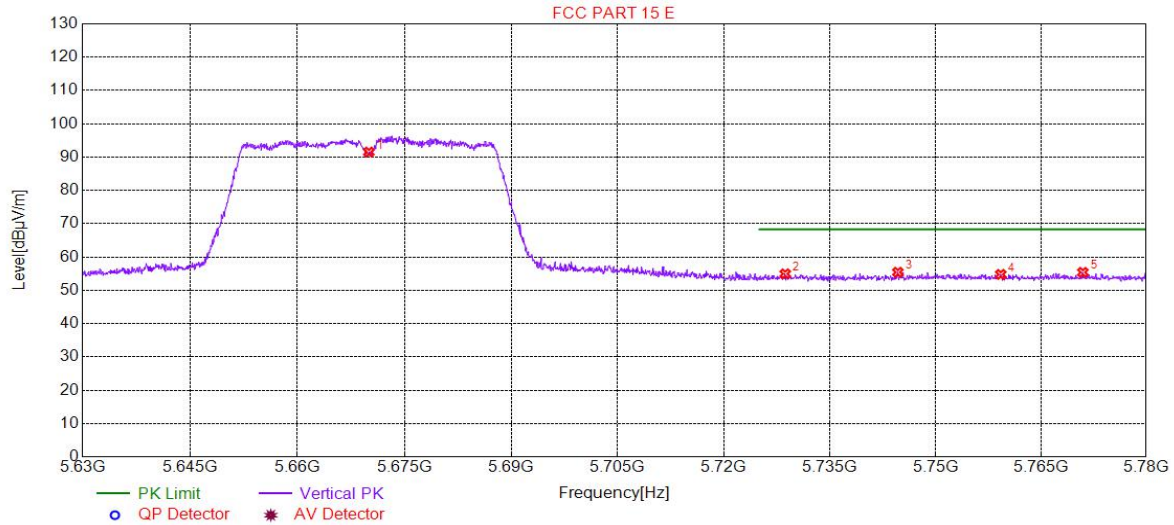


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4.10.1.76 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.000	91.52	0.00	-91.52	199	208	Vertical
2	5728.674	54.96	68.30	13.34	173	49	Vertical
3	5744.657	55.45	68.30	12.85	271	344	Vertical
4	5759.289	54.79	68.30	13.51	274	132	Vertical
5	5770.995	55.41	68.30	12.89	361	85	Vertical

Final Data List

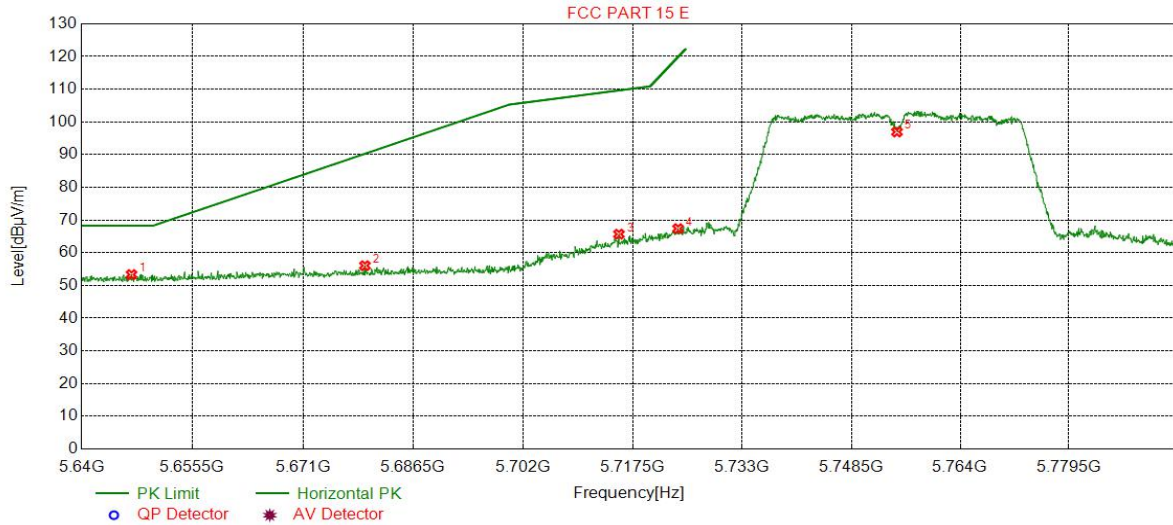


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4.10.1.77 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.978	53.34	68.30	14.96	285	16	Horizontal
2	5679.699	56.06	90.28	34.22	357	310	Horizontal
3	5715.522	65.70	109.65	43.95	173	235	Horizontal
4	5723.896	67.39	119.79	52.40	283	220	Horizontal
5	5755.000	96.95	0.00	-96.95	137	227	Horizontal

Final Data List



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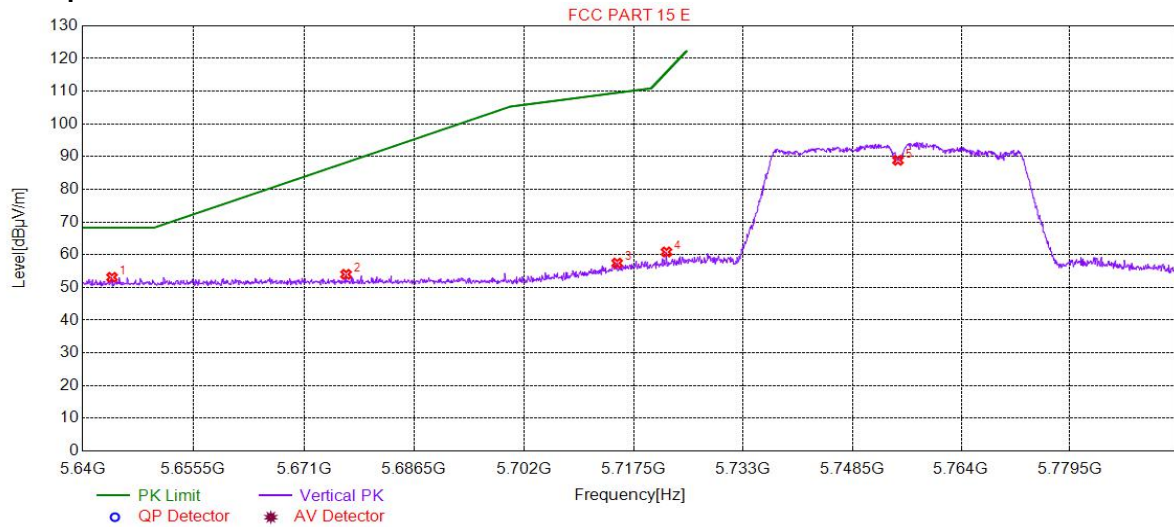
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中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

4.10.1.78 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.109	53.11	68.30	15.19	184	169	Vertical
2	5676.908	54.01	88.21	34.20	114	208	Vertical
3	5715.135	57.46	109.54	52.08	300	187	Vertical
4	5722.113	60.85	115.72	54.87	314	4	Vertical
5	5755.000	88.89	0.00	-88.89	229	201	Vertical

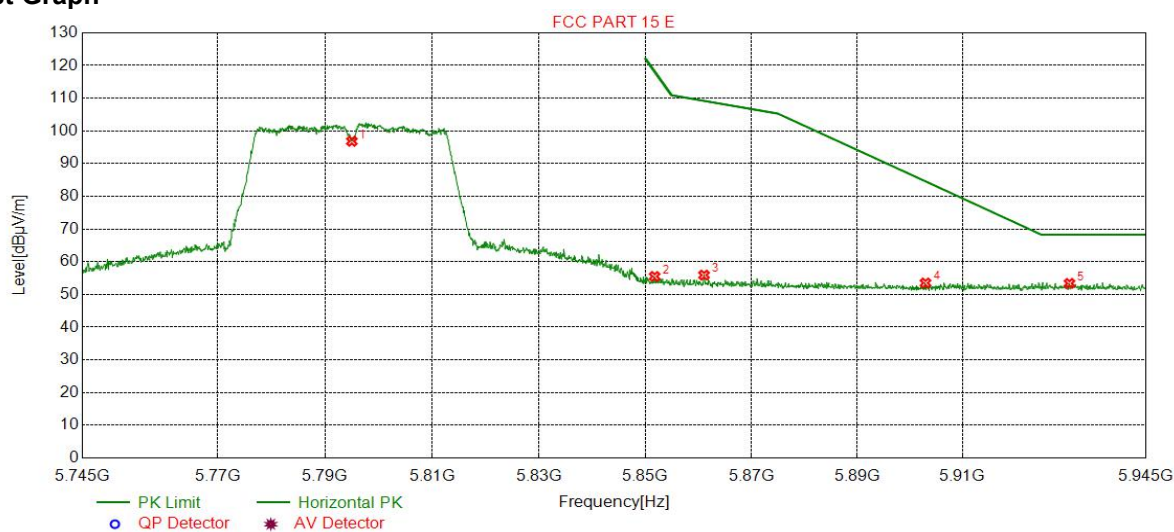
Final Data List

Final Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.109	53.11	68.30	15.19	184	169	Vertical
2	5676.908	54.01	88.21	34.20	114	208	Vertical
3	5715.135	57.46	109.54	52.08	300	187	Vertical
4	5722.113	60.85	115.72	54.87	314	4	Vertical
5	5755.000	88.89	0.00	-88.89	229	201	Vertical

4.10.1.79

802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.000	96.85	0.00	-96.85	149	228	Horizontal
2	5851.753	55.52	118.30	62.78	224	231	Horizontal
3	5861.058	55.93	109.20	53.27	396	224	Horizontal
4	5902.979	53.51	84.60	31.09	279	228	Horizontal
5	5930.392	53.40	68.30	14.90	270	119	Horizontal

Final Data List

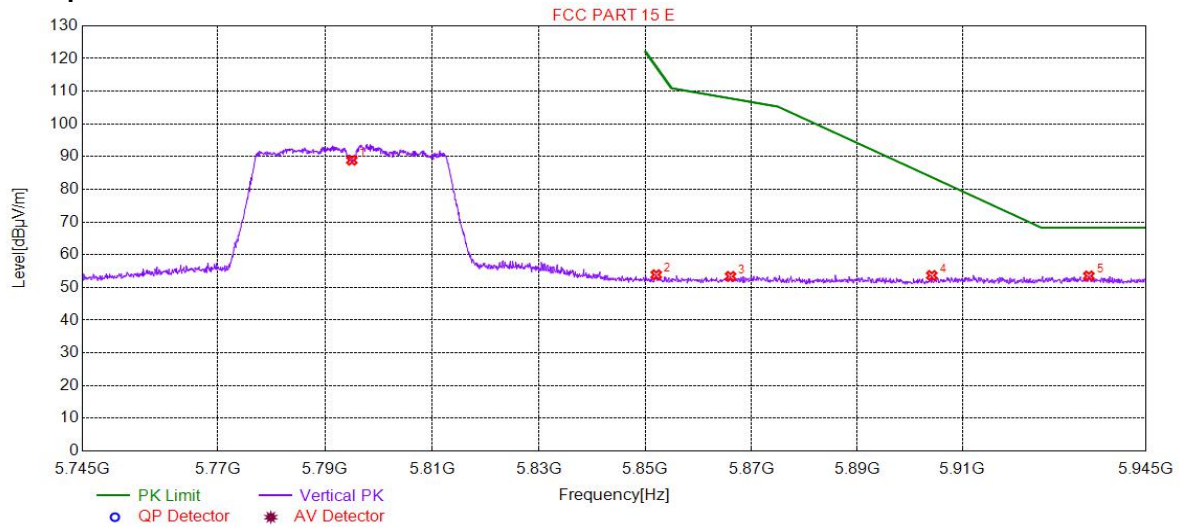


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4.10.1.80 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.000	88.91	0.00	-88.91	288	206	Vertical
2	5852.053	53.90	117.62	63.72	260	59	Vertical
3	5866.060	53.41	107.80	54.39	250	326	Vertical
4	5904.179	53.68	83.71	30.03	297	170	Vertical
5	5934.094	53.53	68.30	14.77	234	127	Vertical

Final Data List

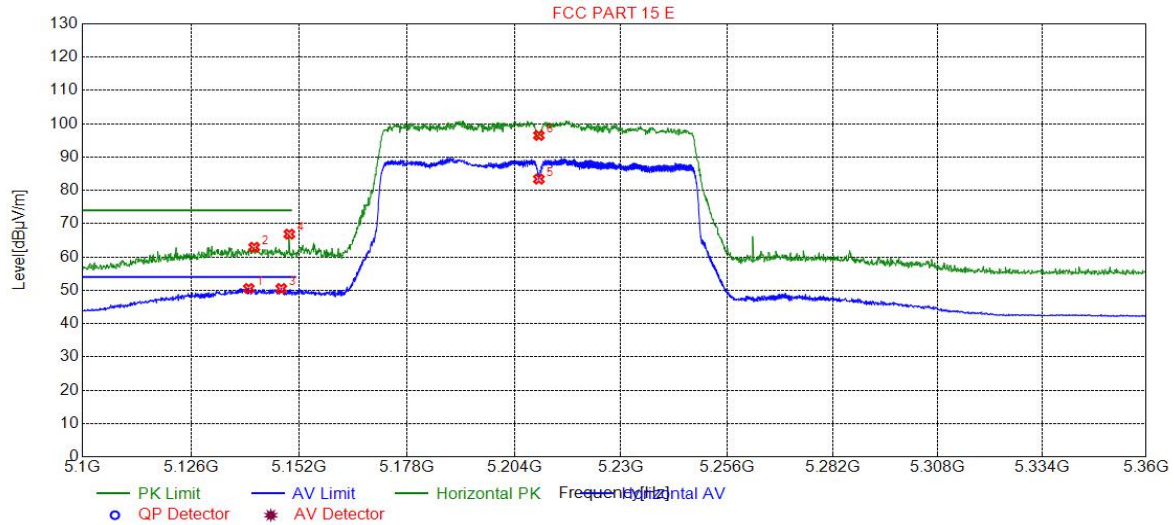


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4.10.1.81 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5139.799	50.57	54.00	3.43	110	231	Horizontal
2	5141.100	62.94	74.00	11.06	342	231	Horizontal
3	5147.603	50.55	54.00	3.45	374	231	Horizontal
4	5149.554	66.88	74.00	7.12	130	302	Horizontal
5	5210.000	83.39	0.00	-83.39	166	226	Horizontal
6	5210.000	96.50	0.00	-96.50	265	235	Horizontal

Final Data List



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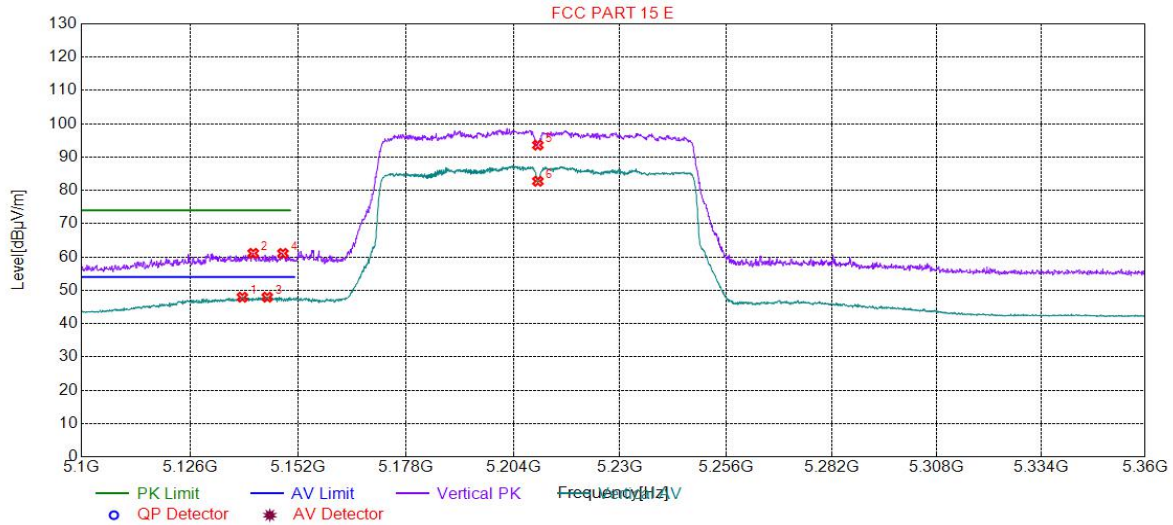
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4.10.1.82 802.11AC80_Channel 42

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.499	47.96	54.00	6.04	203	168	Vertical
2	5141.100	61.12	74.00	12.88	276	164	Vertical
3	5144.482	47.96	54.00	6.04	351	168	Vertical
4	5148.254	61.10	74.00	12.90	388	174	Vertical
5	5210.000	93.59	0.00	-93.59	348	164	Vertical
6	5210.000	82.74	0.00	-82.74	340	168	Vertical

Final Data List



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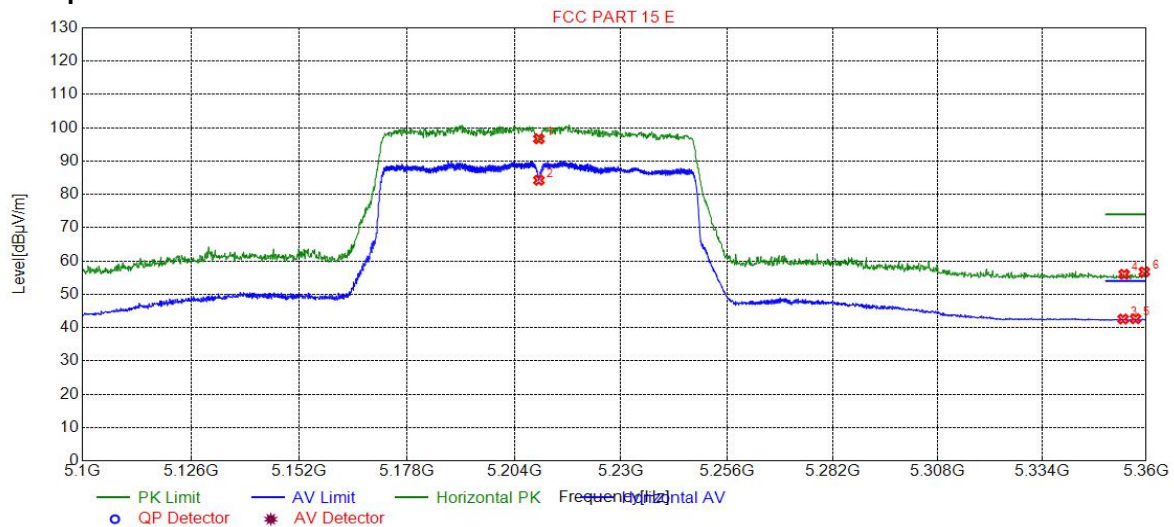
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4.10.1.83 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.000	96.68	0.00	-96.68	309	231	Horizontal
2	5210.000	84.25	0.00	-84.25	184	222	Horizontal
3	5354.277	42.60	54.00	11.40	125	335	Horizontal
4	5354.537	56.02	74.00	17.98	150	260	Horizontal
5	5357.398	42.69	54.00	11.31	110	231	Horizontal
6	5359.609	56.76	74.00	17.24	192	0	Horizontal

Final Data List



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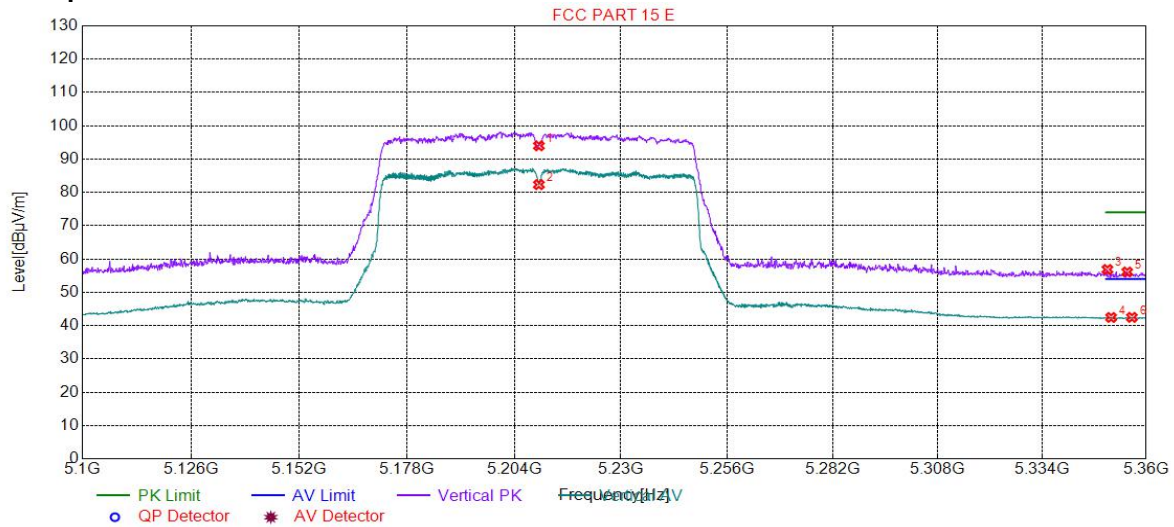
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4.10.1.84 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.000	93.99	0.00	-93.99	347	169	Vertical
2	5210.000	82.33	0.00	-82.33	391	164	Vertical
3	5350.375	56.87	74.00	17.13	231	40	Vertical
4	5351.285	42.47	54.00	11.53	346	144	Vertical
5	5355.317	56.12	74.00	17.88	114	19	Vertical
6	5356.488	42.50	54.00	11.50	343	15	Vertical

Final Data List

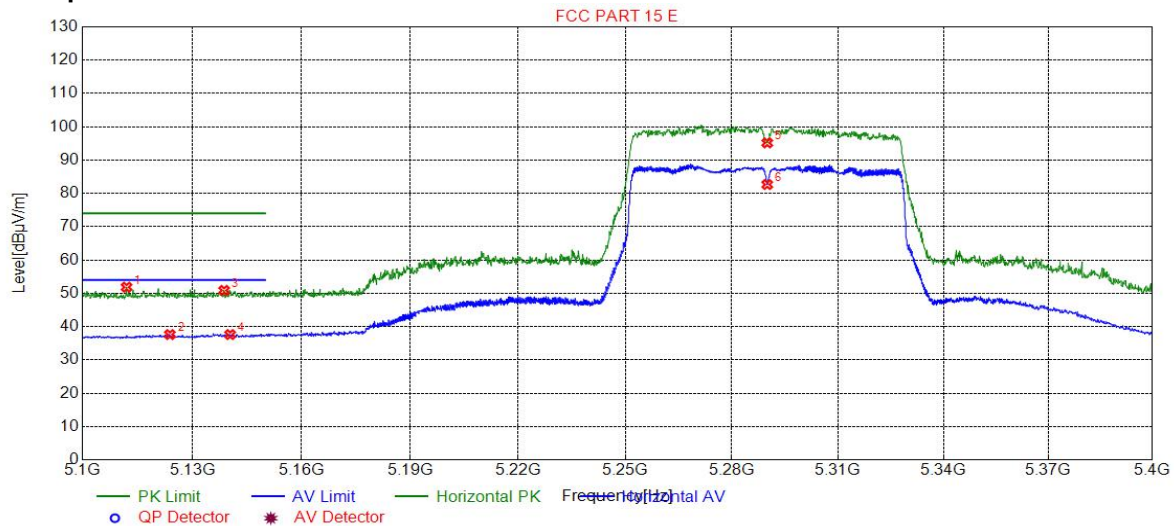


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4.10.1.85 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5112.006	51.86	74.00	22.14	194	235	Horizontal
2	5123.861	37.64	54.00	16.36	329	235	Horizontal
3	5138.719	50.89	74.00	23.11	263	235	Horizontal
4	5140.370	37.64	54.00	16.36	256	235	Horizontal
5	5290.000	95.16	0.00	-95.16	361	235	Horizontal
6	5290.000	82.66	0.00	-82.66	175	308	Horizontal

Final Data List

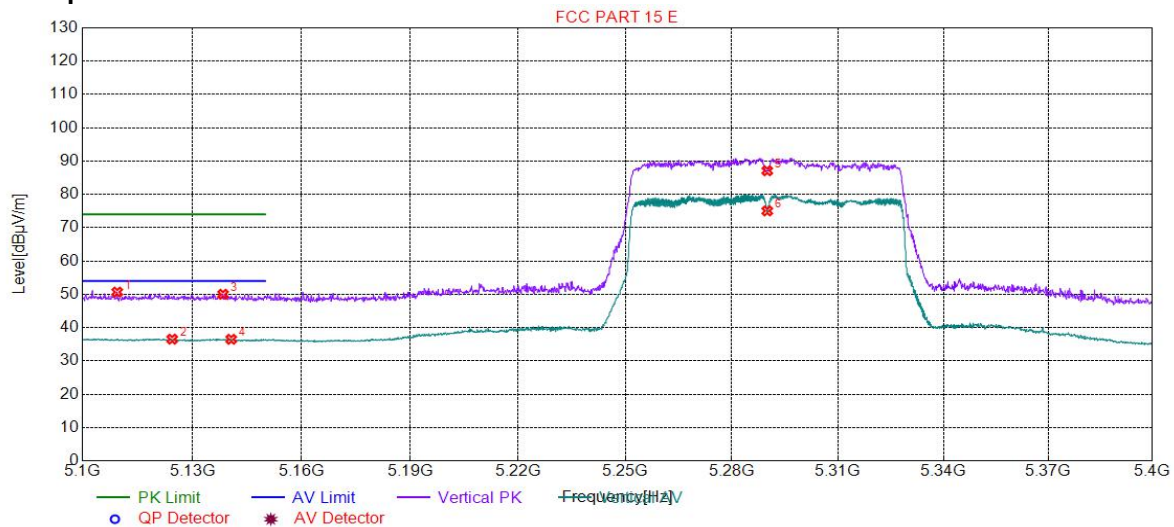


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4.10.1.86 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5109.454	50.69	74.00	23.31	308	1	Vertical
2	5124.462	36.56	54.00	17.44	355	130	Vertical
3	5138.419	50.03	74.00	23.97	332	252	Vertical
4	5140.670	36.52	54.00	17.48	242	344	Vertical
5	5290.000	87.10	0.00	-87.10	343	145	Vertical
6	5290.000	75.04	0.00	-75.04	355	140	Vertical

Final Data List

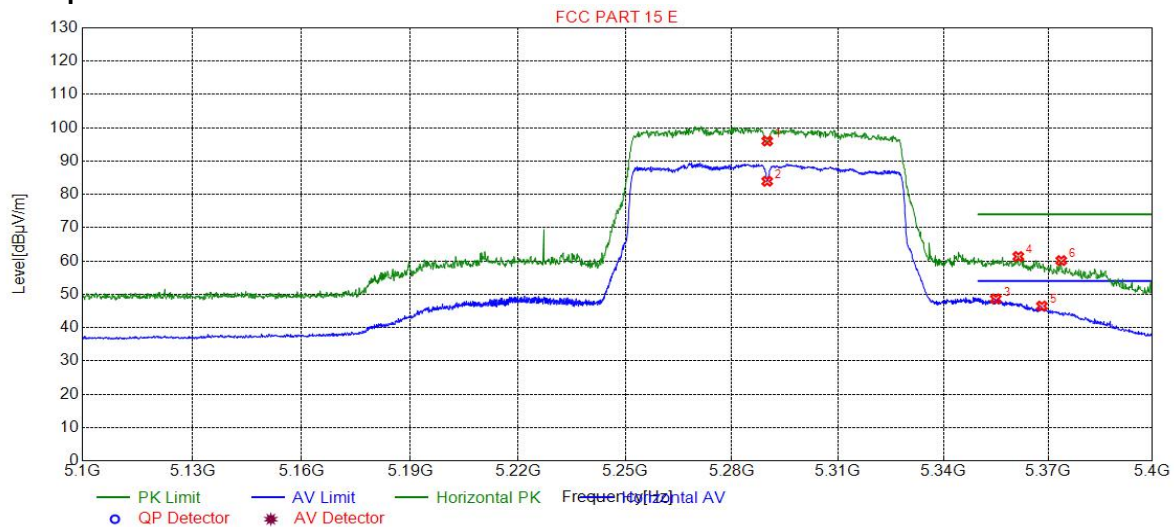


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4.10.1.87 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.000	96.03	0.00	-96.03	147	234	Horizontal
2	5290.000	83.93	0.00	-83.93	129	230	Horizontal
3	5354.977	48.66	54.00	5.34	144	230	Horizontal
4	5361.430	61.35	74.00	12.65	115	234	Horizontal
5	5368.184	46.50	54.00	7.50	383	230	Horizontal
6	5373.736	60.14	74.00	13.86	192	234	Horizontal

Final Data List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.000	96.03	0.00	-96.03	147	234	Horizontal
2	5290.000	83.93	0.00	-83.93	129	230	Horizontal
3	5354.977	48.66	54.00	5.34	144	230	Horizontal
4	5361.430	61.35	74.00	12.65	115	234	Horizontal
5	5368.184	46.50	54.00	7.50	383	230	Horizontal
6	5373.736	60.14	74.00	13.86	192	234	Horizontal



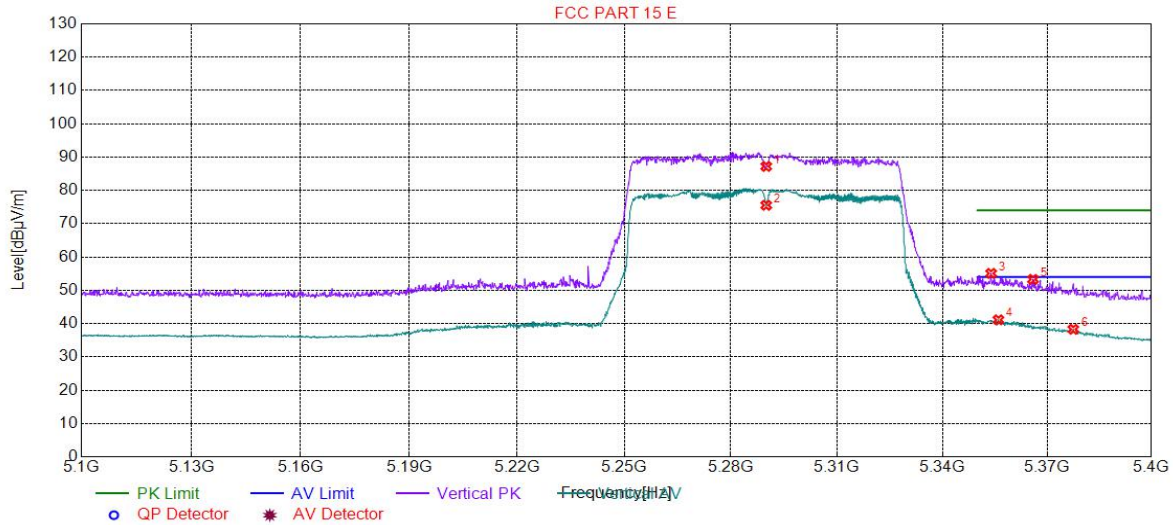
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4.10.1.88 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.000	87.21	0.00	-87.21	102	139	Vertical
2	5290.000	75.54	0.00	-75.54	271	139	Vertical
3	5353.927	55.09	74.00	18.91	132	144	Vertical
4	5356.028	41.16	54.00	12.84	104	252	Vertical
5	5365.933	53.30	74.00	20.70	237	246	Vertical
6	5377.488	38.32	54.00	15.68	319	149	Vertical

Final Data List

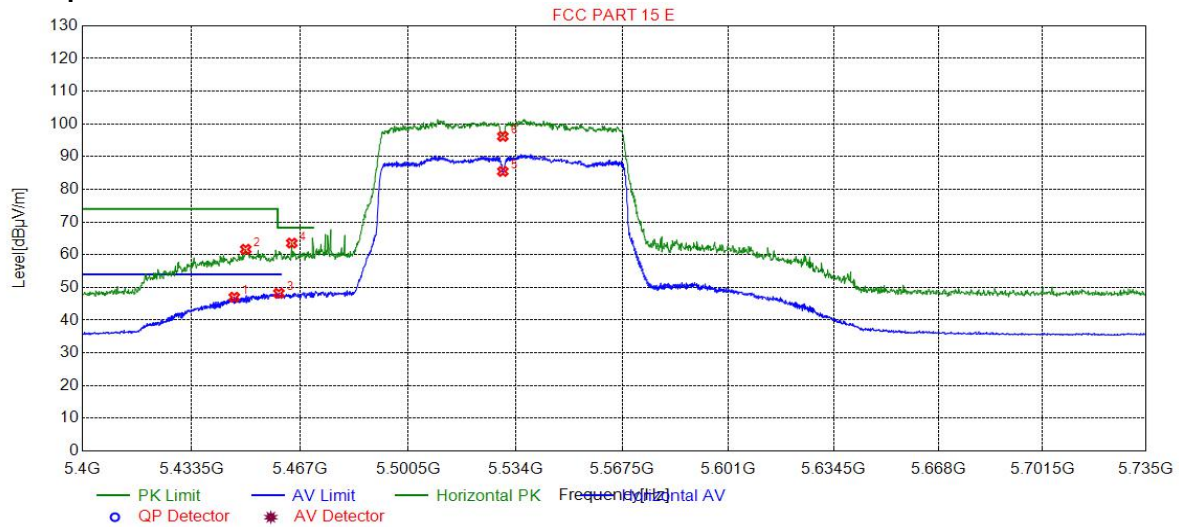


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4.10.1.89 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.588	47.03	54.00	6.97	194	221	Horizontal
2	5450.107	61.68	74.00	12.32	274	221	Horizontal
3	5460.330	48.22	54.00	5.78	315	221	Horizontal
4	5464.352	63.57	68.30	4.73	379	221	Horizontal
5	5530.000	85.48	0.00	-85.48	230	216	Horizontal
6	5530.000	96.19	0.00	-96.19	116	226	Horizontal

Final Data List

Final Data List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.588	47.03	54.00	6.97	194	221	Horizontal
2	5450.107	61.68	74.00	12.32	274	221	Horizontal
3	5460.330	48.22	54.00	5.78	315	221	Horizontal
4	5464.352	63.57	68.30	4.73	379	221	Horizontal
5	5530.000	85.48	0.00	-85.48	230	216	Horizontal
6	5530.000	96.19	0.00	-96.19	116	226	Horizontal



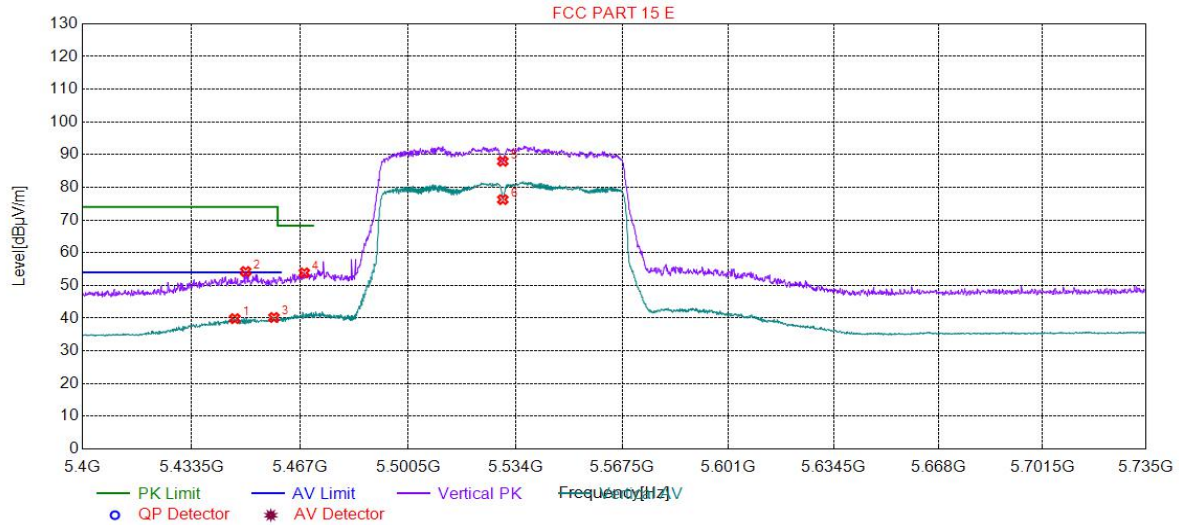
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4.10.1.90 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.755	39.87	54.00	14.13	303	247	Vertical
2	5450.107	54.27	74.00	19.73	217	134	Vertical
3	5458.821	40.22	54.00	13.78	247	247	Vertical
4	5468.206	53.87	68.30	14.43	164	247	Vertical
5	5530.000	87.97	0.00	-87.97	370	134	Vertical
6	5530.000	76.26	0.00	-76.26	392	3	Vertical

Final Data List



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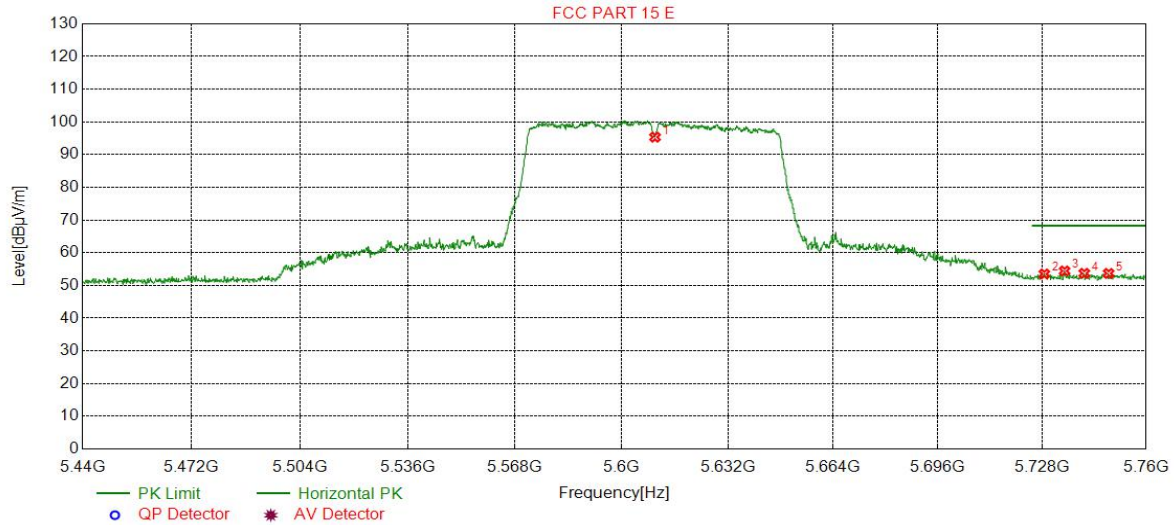
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4.10.1.91 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.000	95.35	0.00	-95.35	259	230	Horizontal
2	5728.624	53.52	68.30	14.78	333	55	Horizontal
3	5734.867	54.45	68.30	13.85	111	94	Horizontal
4	5740.950	53.72	68.30	14.58	233	16	Horizontal
5	5748.474	53.70	68.30	14.60	281	338	Horizontal

Final Data List



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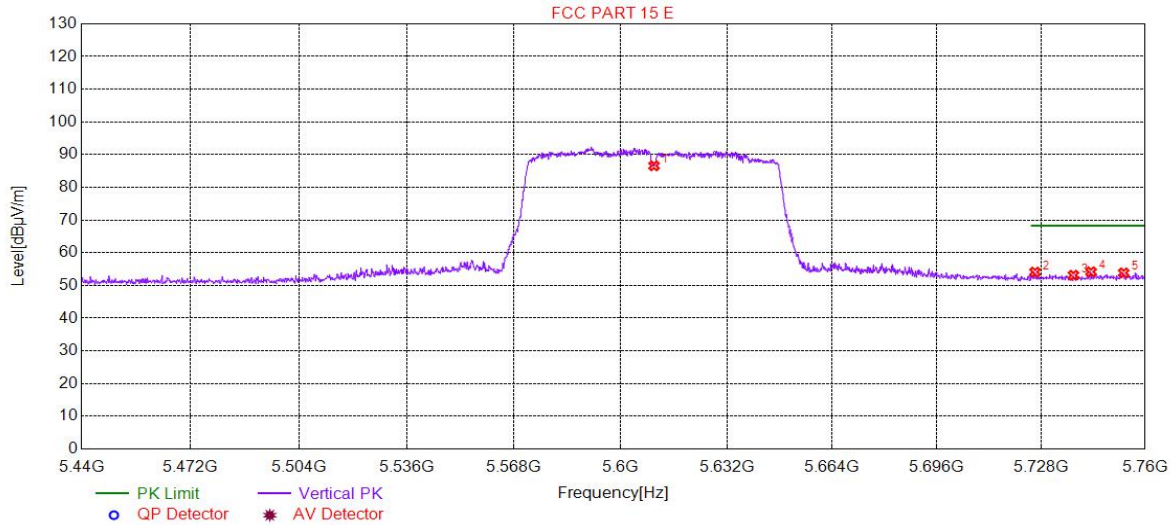
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4.10.1.92 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.000	86.59	0.00	-86.59	275	211	Vertical
2	5726.063	54.10	68.30	14.20	306	326	Vertical
3	5737.909	53.13	68.30	15.17	154	0	Vertical
4	5743.351	54.18	68.30	14.12	381	284	Vertical
5	5753.436	53.84	68.30	14.46	282	107	Vertical

Final Data List

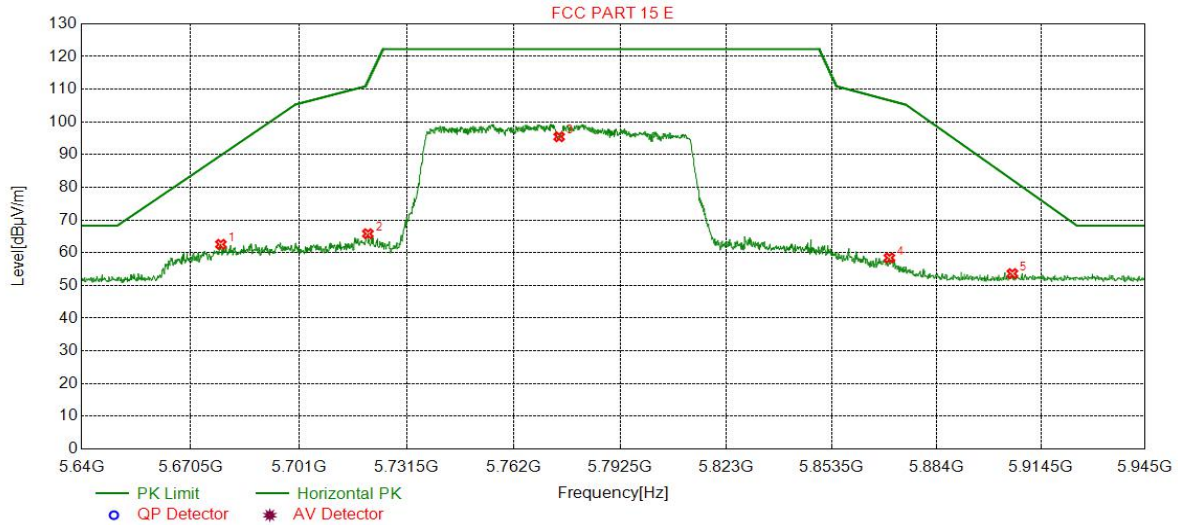


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4.10.1.93 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List							
NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5679.059	62.59	89.80	27.21	234	221	Horizontal
2	5720.560	65.83	112.18	46.35	172	225	Horizontal
3	5775.000	95.47	122.30	26.83	335	225	Horizontal
4	5870.237	58.46	106.63	48.17	234	221	Horizontal
5	5906.093	53.64	82.29	28.65	324	142	Horizontal

Final Data List

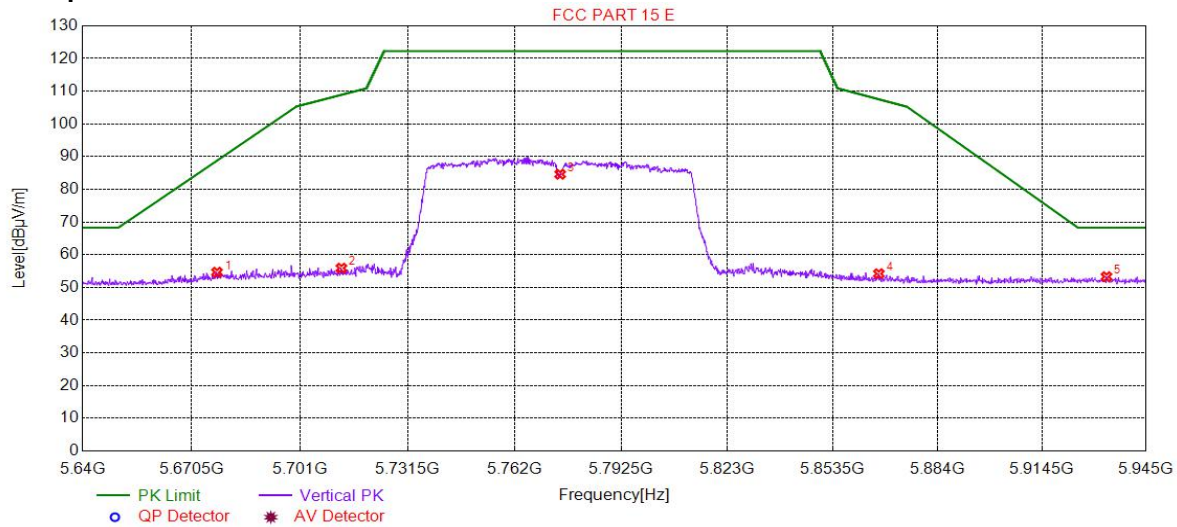


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4.10.1.94 802.11AC80_Channel 155

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5677.686	54.67	88.79	34.12	187	20	Vertical
2	5712.778	55.91	108.88	52.97	159	204	Vertical
3	5775.000	84.63	122.30	37.67	174	208	Vertical
4	5866.880	54.22	107.57	53.35	218	204	Vertical
5	5933.404	53.31	68.30	14.99	276	110	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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4.11 Frequencies Stability

4.11.1 Frequency Error vs. Voltage

Test Conditions	Measured Frequency (MHz)	
	5180	5825
V nom(V)	5180.004799	5825.009473
V max(V)	5180.012786	5825.012520
V min(V)	5180.014745	5825.013545
Max. Deviation Frequency	0.014745	0.013545
Max. Frequency Error (ppm)	2.846545	2.325386

4.11.2 Frequency Error vs. Temperature

Test Conditions	Measured Frequency (MHz)	
	5180	5825
-5	5180.003709	5825.004766
5	5180.008301	5825.013779
15	5180.012054	5825.023384
25	5180.021106	5825.029616
35	5180.029322	5825.033119
45	5180.029328	5825.037450
50	5180.030085	5825.043233
Max. Deviation Frequency	0.030085	0.043233
Max. Frequency Error (ppm)	5.807876	7.422005



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4.12 Dynamic Frequency Selection

4.12.1 DFS Overview

Table 1: Applicability of DFS Requirements Prior to Use of a Channel

Requirement	Operational Mode		
	Master	Client Without Radar Detection	Client With Radar Detection
<i>Non-Occupancy Period</i>	Yes	Not required	Yes
<i>DFS Detection Threshold</i>	Yes	Not required	Yes
<i>Channel Availability Check Time</i>	Yes	Not required	Not required
<i>U-NII Detection Bandwidth</i>	Yes	Not required	Yes

Table 2: Applicability of DFS requirements during normal operation

Requirement	Operational Mode	
	Master Device or Client with Radar Detection	Client Without Radar Detection
<i>DFS Detection Threshold</i>	Yes	Not required
<i>Channel Closing Transmission Time</i>	Yes	Yes
<i>Channel Move Time</i>	Yes	Yes
<i>U-NII Detection Bandwidth</i>	Yes	Not required
Additional requirements for devices with multiple bandwidth modes	Master Device or Client with Radar Detection	Client Without Radar Detection
<i>U-NII Detection Bandwidth and Statistical Performance Check</i>	All BW modes must be tested	Not required
<i>Channel Move Time and Channel Closing Transmission Time</i>	Test using widest BW mode available	Test using the widest BW mode available for the link
<i>All other tests</i>	Any single BW mode	Not required
Note: Frequencies selected for statistical performance check (Section 7.8.4) should include several frequencies within the radar detection bandwidth and frequencies near the edge of the radar detection bandwidth. For 802.11 devices it is suggested to select frequencies in each of the bonded 20 MHz channels and the channel center frequency.		