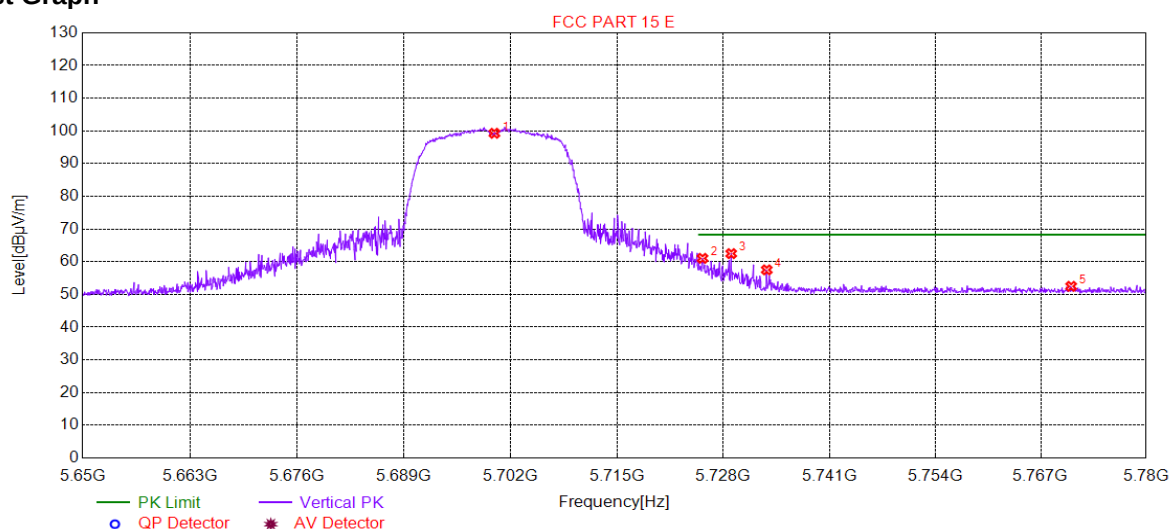




3.10.1.30 802.11N20_Channel 140

Test Graph



Suspected List

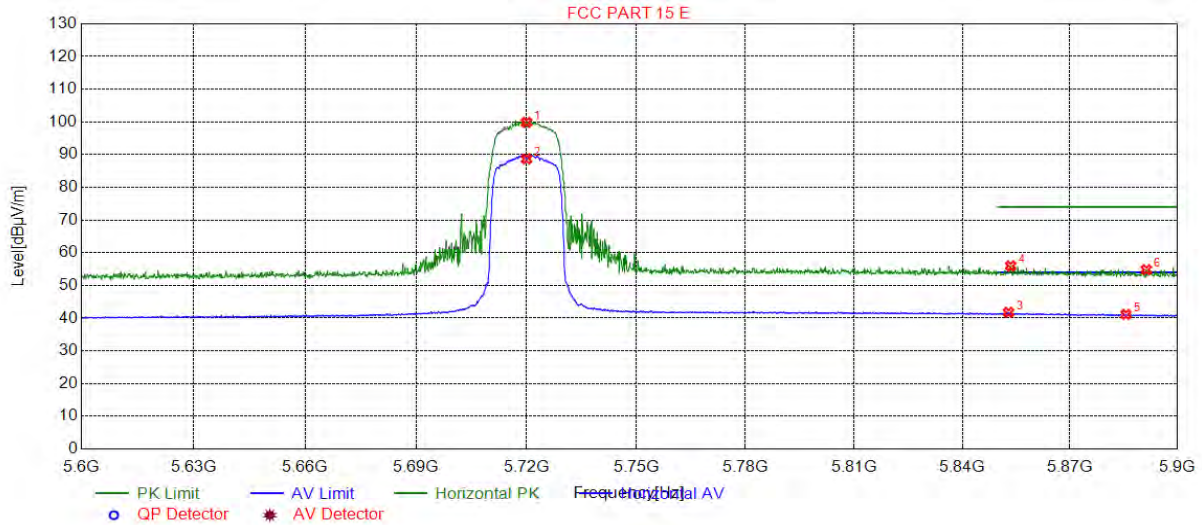
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	99.29	16.80	0.00	-99.29	156	29	Vertical
2	5725.43	61.05	16.96	68.30	7.25	235	288	Vertical
3	5728.94	62.50	16.99	68.30	5.80	196	144	Vertical
4	5733.30	57.53	17.01	68.30	10.77	178	251	Vertical
5	5770.76	52.49	17.15	68.30	15.81	173	293	Vertical

Final Data List



3.10.1.31 802.11N20_Channel 144

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	99.87	16.93	0.00	-99.87	225	0	Horizontal
2	5720.00	88.69	16.93	0.00	-88.69	239	337	Horizontal
3	5852.87	41.78	17.25	54.00	12.22	163	323	Horizontal
4	5853.47	55.98	17.25	74.00	18.02	228	344	Horizontal
5	5885.74	41.14	17.15	54.00	12.86	227	344	Horizontal
6	5891.44	54.84	17.14	74.00	19.16	170	228	Horizontal

Final Data List

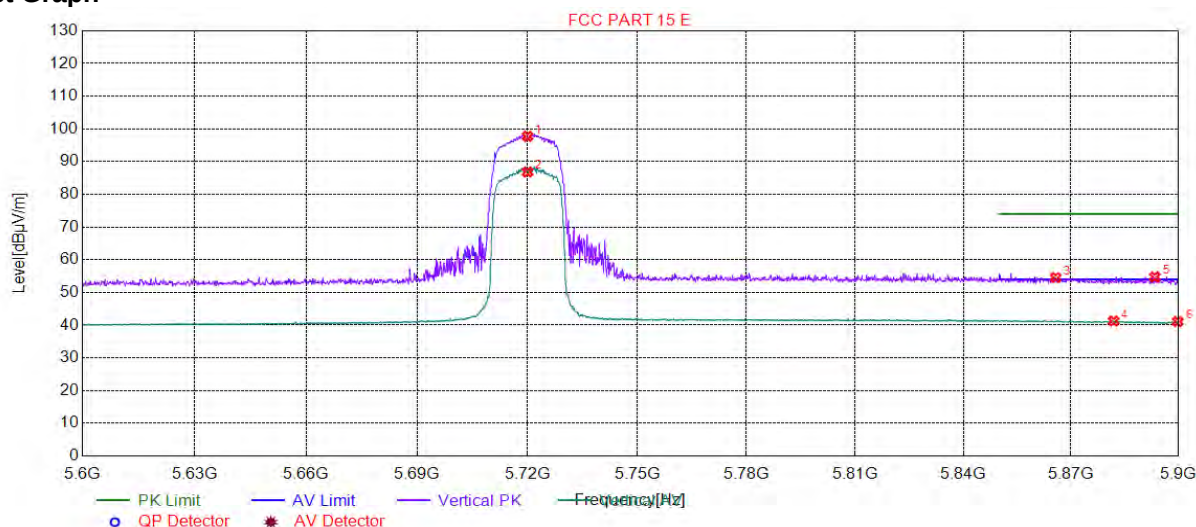


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3.10.1.32 802.11N20_Channel 144

Test Graph



Suspected List

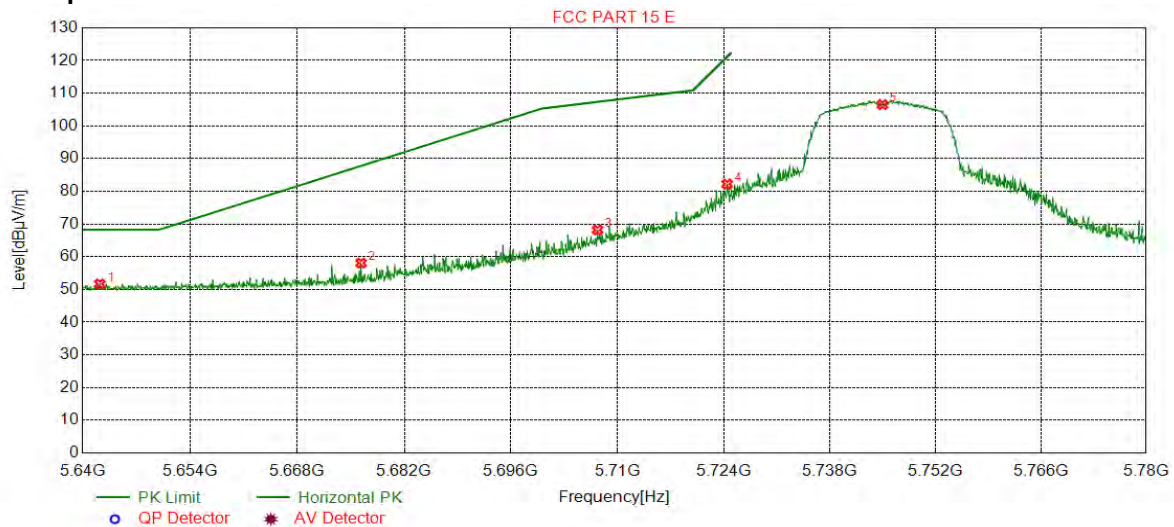
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	97.74	16.93	0.00	-97.74	278	257	Vertical
2	5720.00	86.84	16.93	0.00	-86.84	194	250	Vertical
3	5865.78	54.59	17.21	74.00	19.41	227	353	Vertical
4	5881.99	41.28	17.16	54.00	12.72	233	160	Vertical
5	5893.54	54.78	17.13	74.00	19.22	188	36	Vertical
6	5900.00	41.09	17.11	54.00	12.91	253	167	Vertical

Final Data List



3.10.1.33 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.24	51.69	16.54	68.30	16.61	234	161	Horizontal
2	5676.34	58.09	16.67	87.80	29.71	177	304	Horizontal
3	5707.37	68.22	16.85	107.36	39.14	196	327	Horizontal
4	5724.46	82.23	16.96	121.07	38.84	154	212	Horizontal
5	5745.00	106.51	17.09	0.00	-106.51	209	331	Horizontal

Final Data List

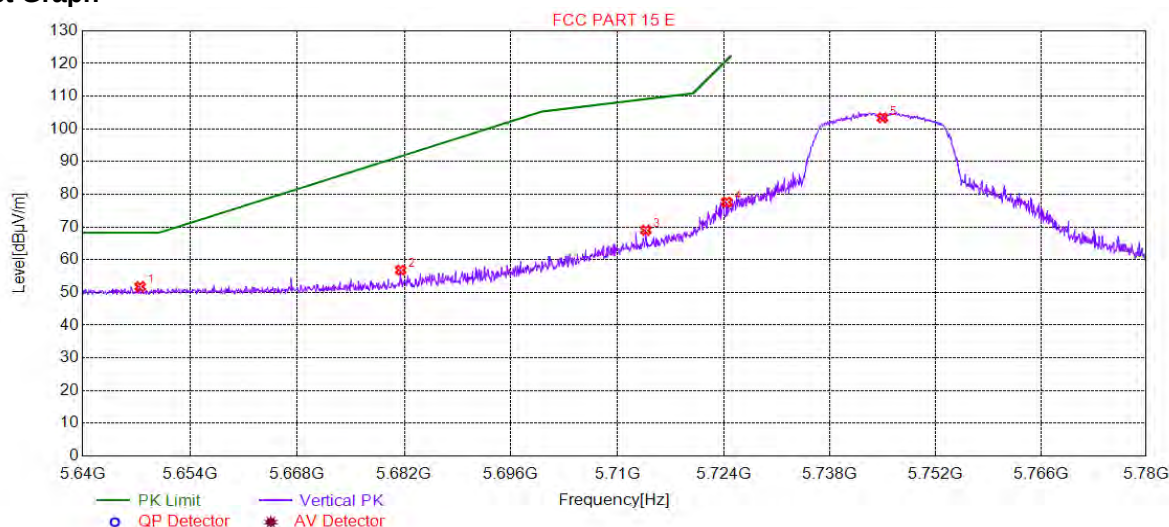


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3.10.1.34 802.11N20_Channel 149

Test Graph



Suspected List

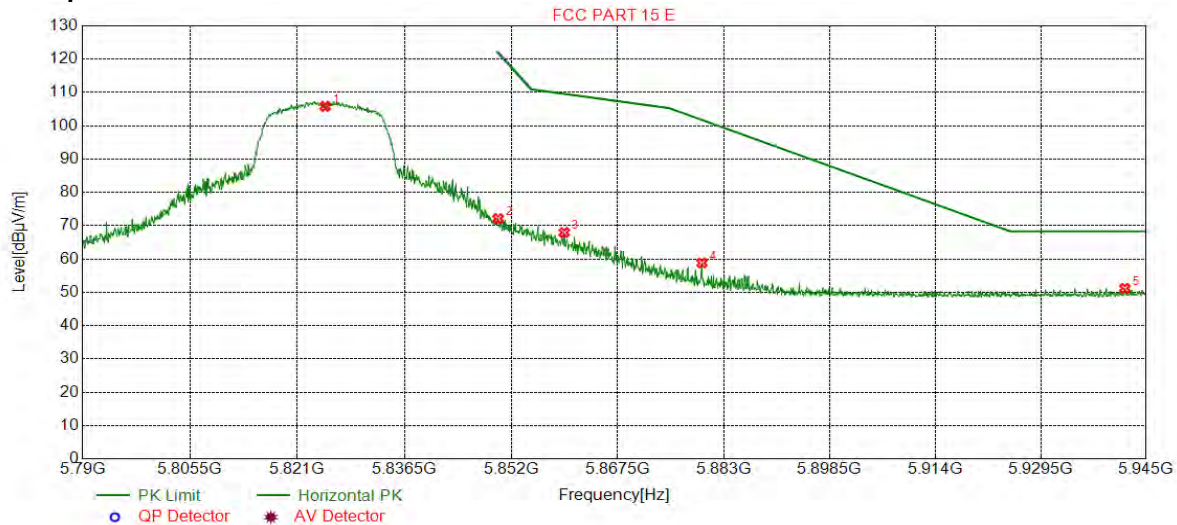
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.49	51.80	16.53	68.30	16.50	157	65	Vertical
2	5681.53	56.85	16.70	91.63	34.78	204	79	Vertical
3	5713.74	69.01	16.89	109.15	40.14	273	255	Vertical
4	5724.39	77.65	16.96	120.91	43.26	260	148	Vertical
5	5745.00	103.42	17.09	0.00	-103.42	169	38	Vertical

Final Data List



3.10.1.35 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.81	17.23	0.00	-105.81	202	326	Horizontal
2	5850.09	72.14	17.26	122.09	49.95	150	336	Horizontal
3	5859.70	67.96	17.23	109.58	41.62	225	249	Horizontal
4	5879.78	58.84	17.17	101.76	42.92	206	212	Horizontal
5	5941.89	51.22	17.76	68.30	17.08	225	344	Horizontal

Final Data List



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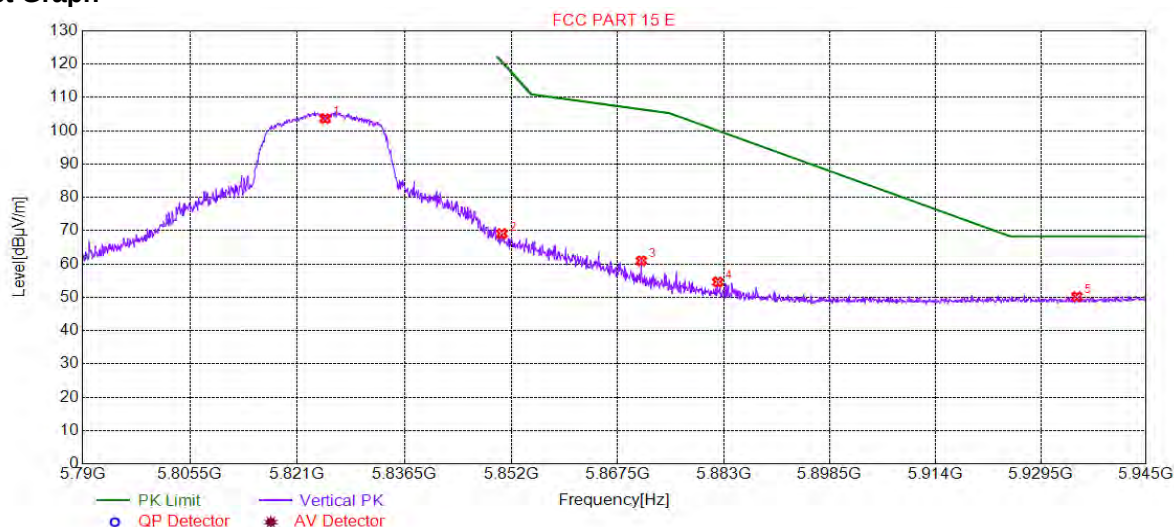
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3.10.1.36 802.11N20_Channel 165

Test Graph



Suspected List

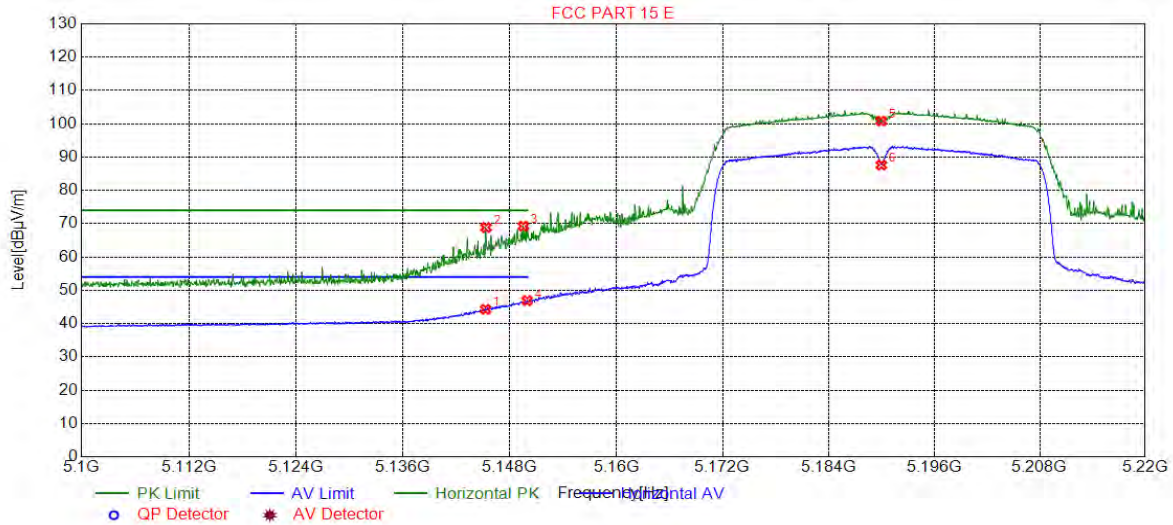
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	103.65	17.23	0.00	-103.65	154	222	Vertical
2	5850.63	69.12	17.26	120.85	51.73	273	172	Vertical
3	5870.95	60.98	17.20	106.43	45.45	265	56	Vertical
4	5882.11	54.62	17.16	100.03	45.41	278	153	Vertical
5	5934.84	50.19	17.65	68.30	18.11	194	194	Vertical

Final Data List



3.10.1.37 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.26	44.31	15.48	54.00	9.69	175	5	Horizontal
2	5145.32	68.88	15.48	74.00	5.12	179	346	Horizontal
3	5149.52	69.27	15.52	74.00	4.73	104	1	Horizontal
4	5149.94	46.92	15.52	54.00	7.08	141	5	Horizontal
5	5190.00	100.83	15.58	0.00	-100.83	110	5	Horizontal
6	5190.00	87.59	15.58	0.00	-87.59	189	11	Horizontal

Final Data List



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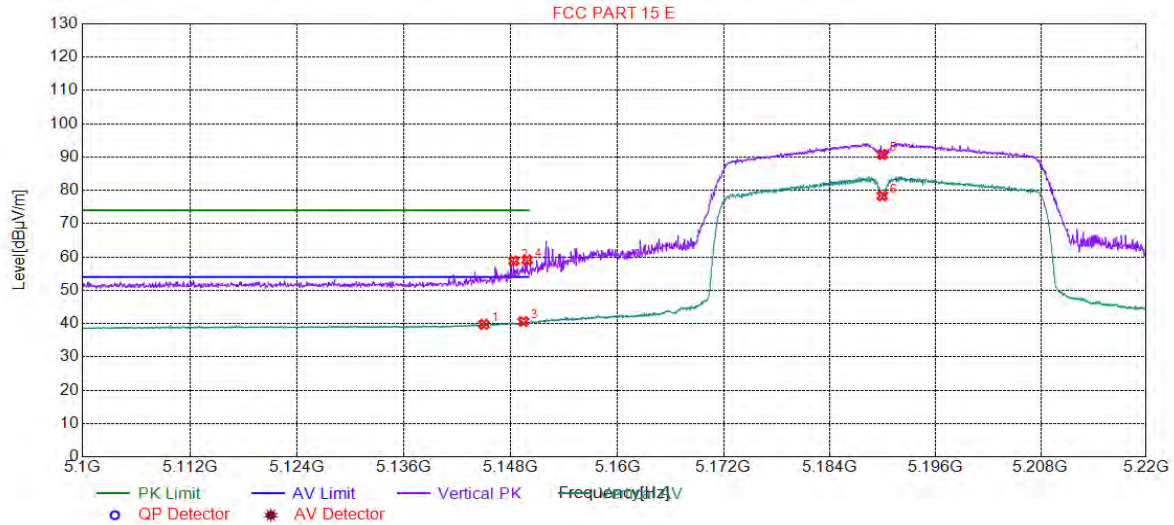
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3.10.1.38 802.11N40_Channel 38

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.96	39.80	15.48	54.00	14.20	253	194	Vertical
2	5148.32	58.85	15.51	74.00	15.15	187	249	Vertical
3	5149.40	40.65	15.51	54.00	13.35	151	150	Vertical
4	5149.82	59.11	15.52	74.00	14.89	236	188	Vertical
5	5190.00	90.75	15.58	0.00	-90.75	264	183	Vertical
6	5190.00	78.37	15.58	0.00	-78.37	230	161	Vertical

Final Data List



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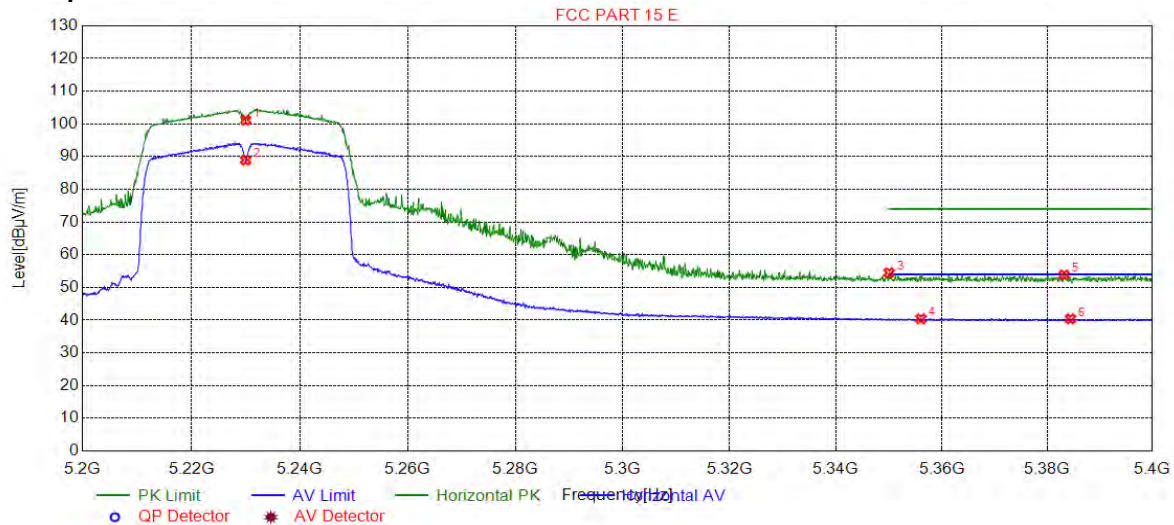
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3.10.1.39 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	101.15	15.51	0.00	-101.15	187	344	Horizontal
2	5230.00	88.90	15.51	0.00	-88.90	199	344	Horizontal
3	5350.07	54.51	15.94	74.00	19.49	201	3	Horizontal
4	5356.07	40.43	15.98	54.00	13.57	107	344	Horizontal
5	5383.19	53.84	16.15	74.00	20.16	173	235	Horizontal
6	5384.39	40.42	16.15	54.00	13.58	153	344	Horizontal

Final Data List

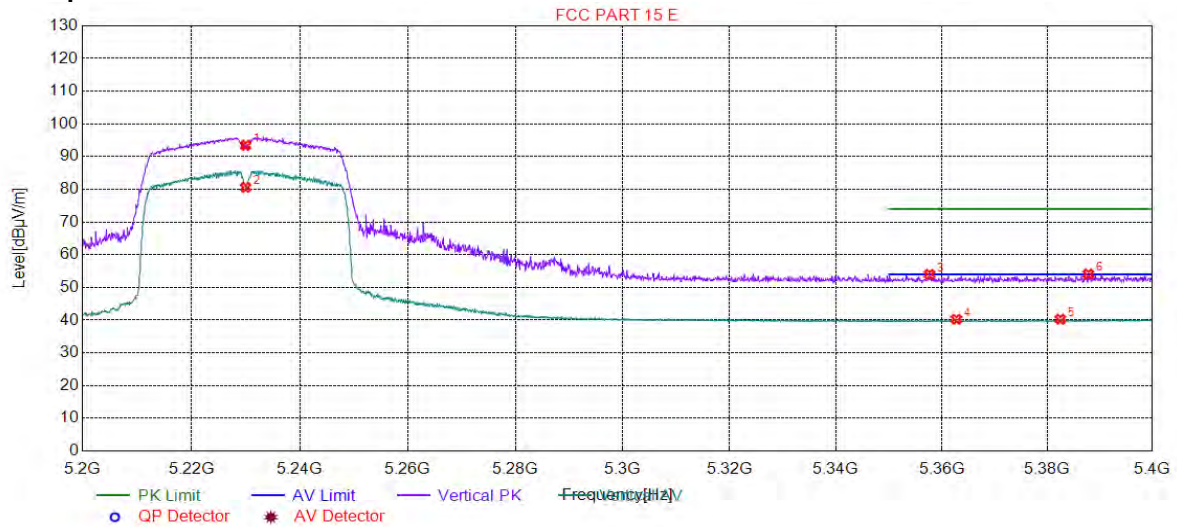


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3.10.1.40 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	93.47	15.51	0.00	-93.47	205	181	Vertical
2	5230.00	80.60	15.51	0.00	-80.60	241	167	Vertical
3	5357.67	54.02	15.99	74.00	19.98	242	42	Vertical
4	5362.78	40.28	16.02	54.00	13.72	178	56	Vertical
5	5382.49	40.30	16.14	54.00	13.70	247	323	Vertical
6	5387.79	54.13	16.17	74.00	19.87	250	235	Vertical

Final Data List



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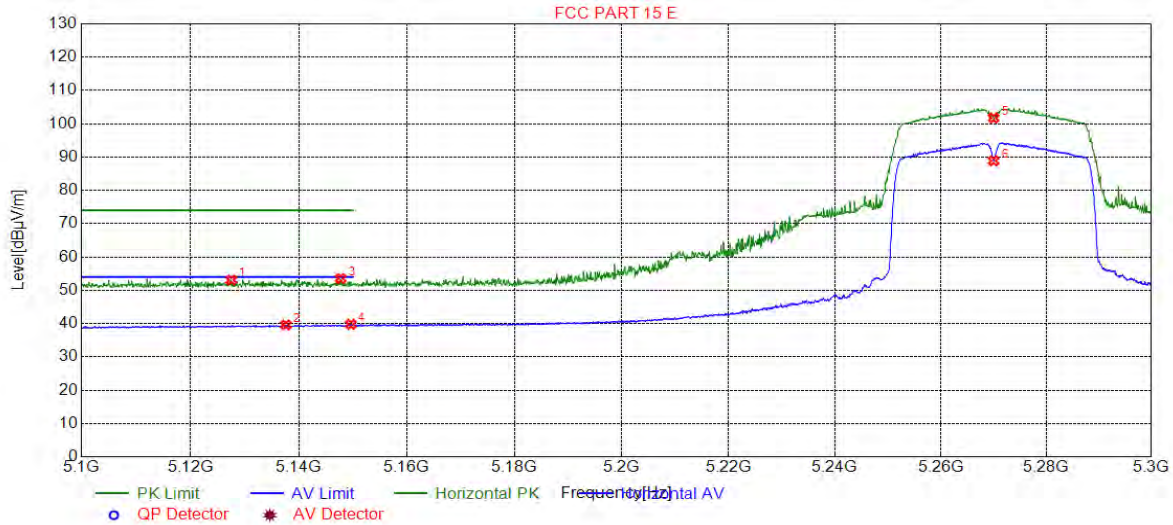
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3.10.1.41 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.51	53.12	15.33	74.00	20.88	148	172	Horizontal
2	5137.61	39.63	15.41	54.00	14.37	162	344	Horizontal
3	5147.72	53.56	15.50	74.00	20.44	117	303	Horizontal
4	5149.62	39.82	15.52	54.00	14.18	183	344	Horizontal
5	5270.00	101.73	15.56	0.00	-101.73	106	344	Horizontal
6	5270.00	88.88	15.56	0.00	-88.88	188	1	Horizontal

Final Data List



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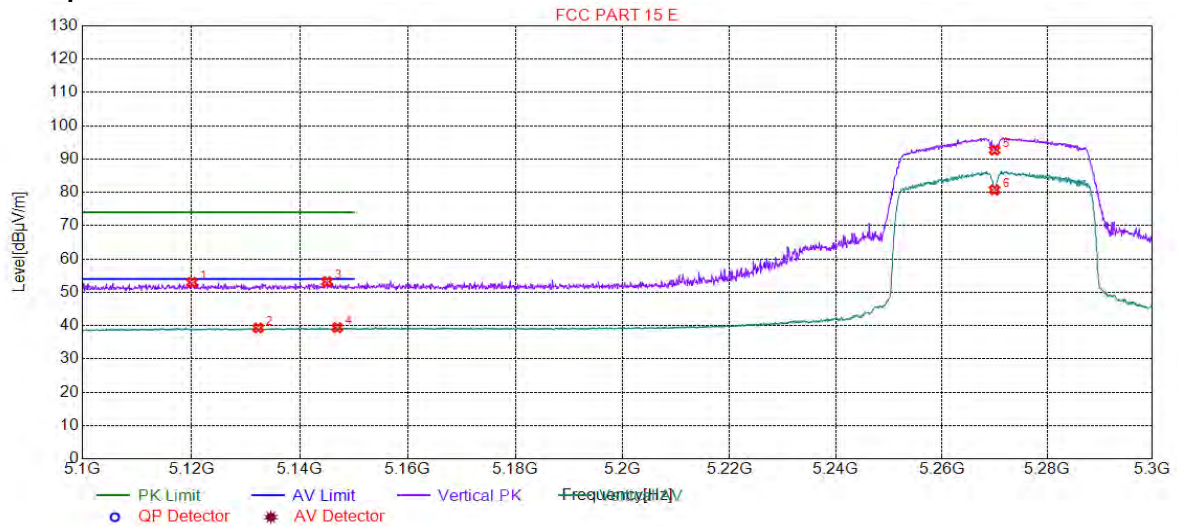
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3.10.1.42 802.11N40_Channel 54

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.11	53.00	15.26	74.00	21.00	273	70	Vertical
2	5132.31	39.32	15.37	54.00	14.68	189	15	Vertical
3	5145.02	53.19	15.48	74.00	20.81	249	126	Vertical
4	5146.92	39.42	15.49	54.00	14.58	157	270	Vertical
5	5270.00	92.72	15.56	0.00	-92.72	283	160	Vertical
6	5270.00	80.75	15.56	0.00	-80.75	289	160	Vertical

Final Data List



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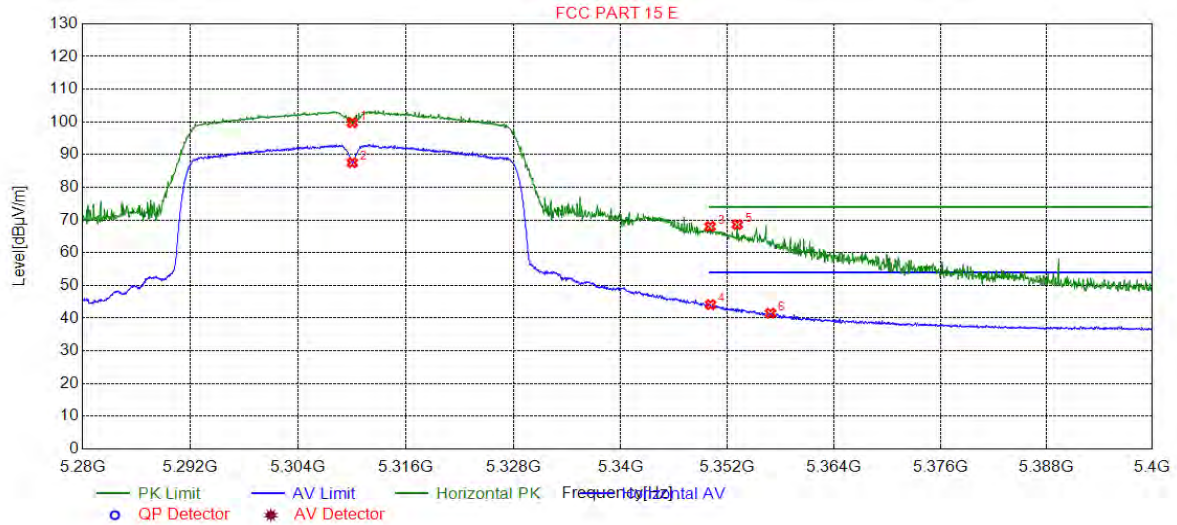
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3.10.1.43 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	99.79	15.75	0.00	-99.79	139	345	Horizontal
2	5310.00	87.53	15.75	0.00	-87.53	201	345	Horizontal
3	5350.05	68.03	15.94	74.00	5.97	150	338	Horizontal
4	5350.11	44.14	15.94	54.00	9.86	102	345	Horizontal
5	5353.11	68.63	15.96	74.00	5.37	167	345	Horizontal
6	5356.83	41.51	15.98	54.00	12.49	215	345	Horizontal

Final Data List

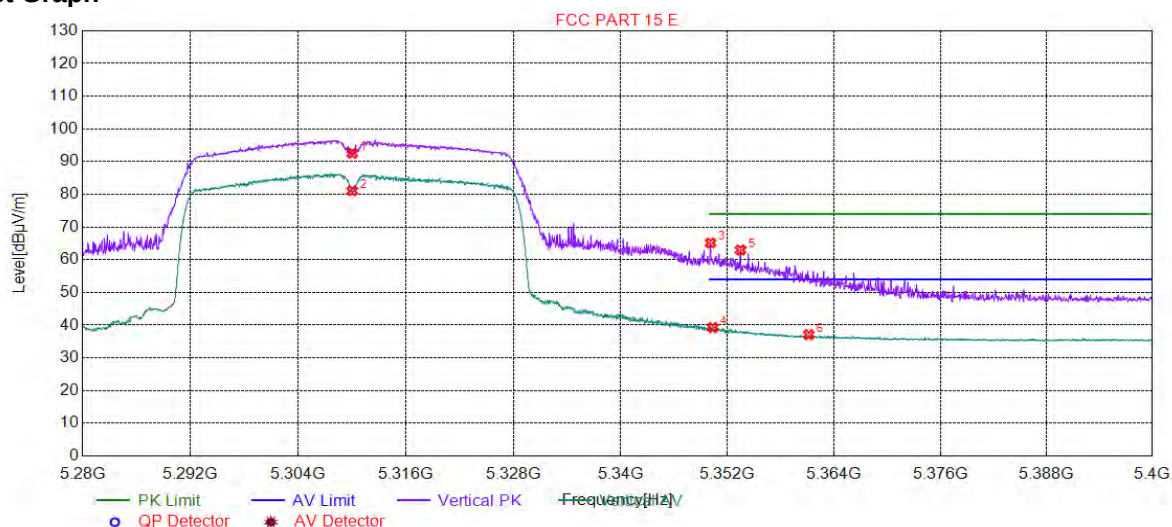


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3.10.1.44 802.11N40_Channel 62

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	92.56	15.75	0.00	-92.56	261	144	Vertical
2	5310.00	81.08	15.75	0.00	-81.08	273	158	Vertical
3	5350.11	65.16	15.94	74.00	8.84	196	254	Vertical
4	5350.35	39.28	15.94	54.00	14.72	183	165	Vertical
5	5353.47	62.99	15.96	74.00	11.01	157	158	Vertical
6	5361.16	37.09	16.01	54.00	16.91	185	165	Vertical

Final Data List

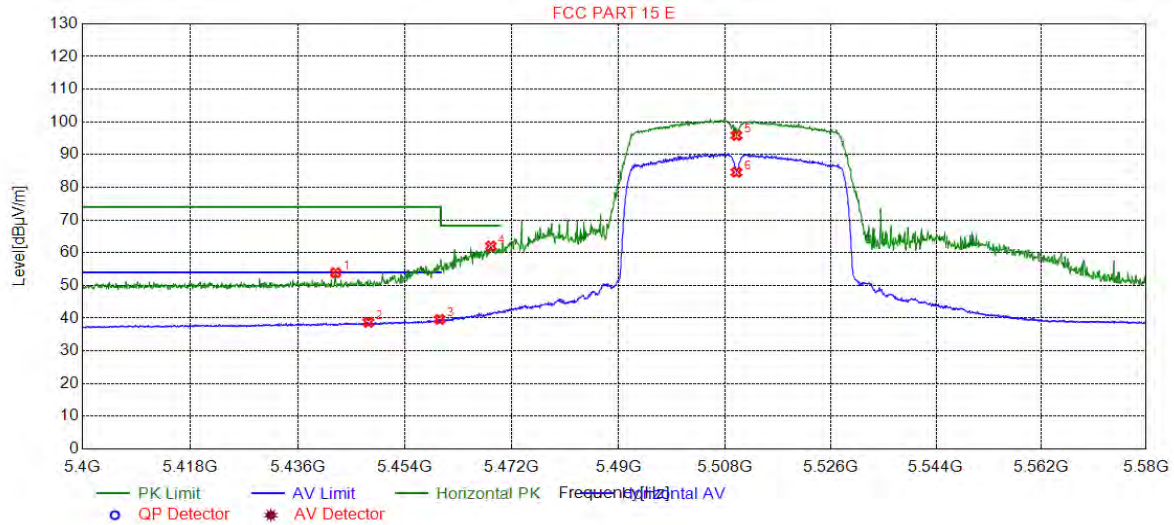


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3.10.1.45 802.11N40_Channel 102

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5442.32	53.87	16.25	74.00	20.13	184	338	Horizontal
2	5447.81	38.73	16.25	54.00	15.27	100	344	Horizontal
3	5459.78	39.63	16.25	54.00	14.37	244	344	Horizontal
4	5468.43	62.03	16.25	68.30	6.27	215	269	Horizontal
5	5510.00	95.87	16.28	0.00	-95.87	103	344	Horizontal
6	5510.00	84.62	16.28	0.00	-84.62	168	338	Horizontal

Final Data List



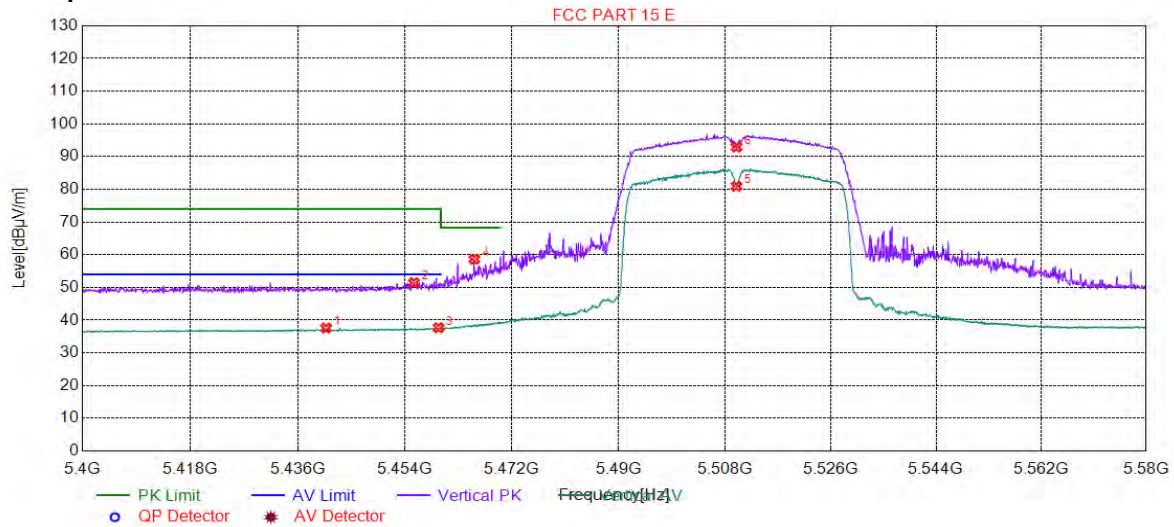
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3.10.1.46 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5440.70	37.59	16.25	54.00	16.41	279	305	Vertical
2	5455.46	51.46	16.25	74.00	22.54	156	298	Vertical
3	5459.60	37.68	16.25	54.00	16.32	205	140	Vertical
4	5465.64	58.64	16.25	68.30	9.66	248	43	Vertical
5	5510.00	80.94	16.28	0.00	-80.94	198	256	Vertical
6	5510.00	92.95	16.28	0.00	-92.95	297	133	Vertical

Final Data List

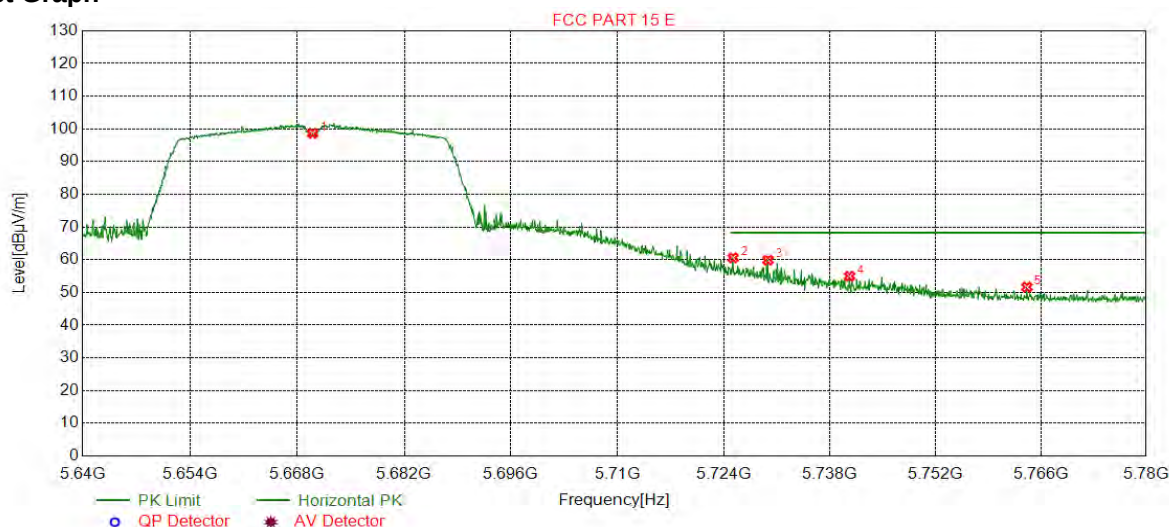


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3.10.1.47 802.11N40_Channel 134

Test Graph



Suspected List

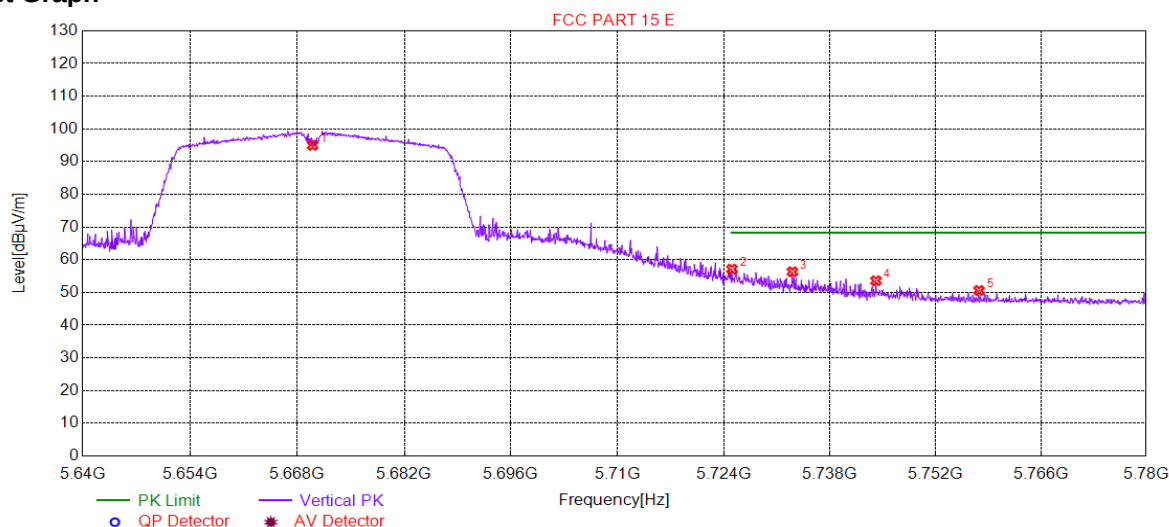
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	98.69	16.64	0.00	-98.69	214	317	Horizontal
2	5725.23	60.61	16.96	68.30	7.69	173	266	Horizontal
3	5729.85	59.91	16.99	68.30	8.39	216	317	Horizontal
4	5740.64	54.96	17.06	68.30	13.34	188	330	Horizontal
5	5764.17	51.65	17.14	68.30	16.65	112	247	Horizontal

Final Data List



3.10.1.48 802.11N40_Channel 134

Test Graph



Suspected List

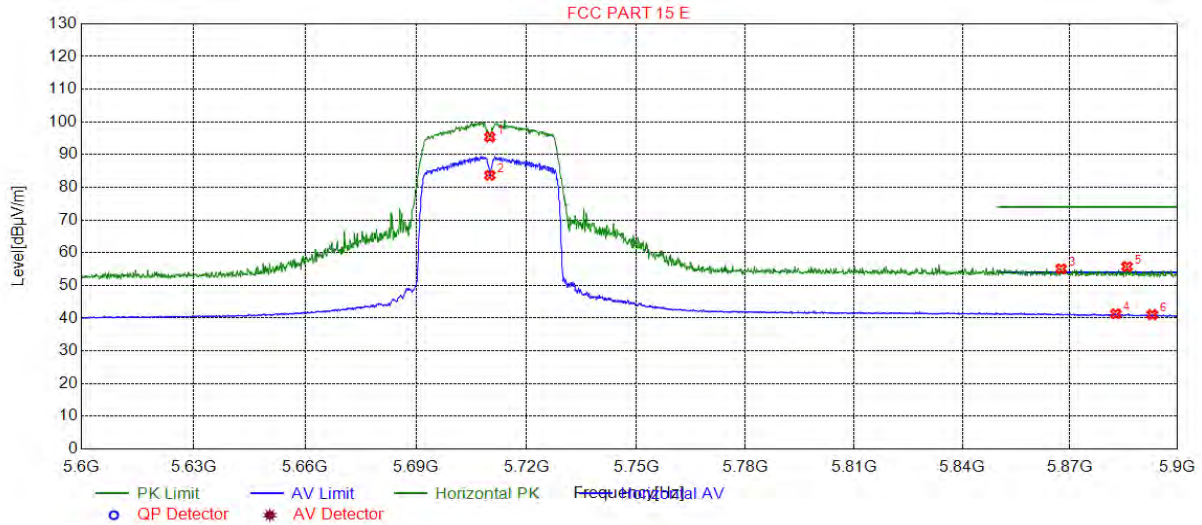
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	94.99	16.64	0.00	-94.99	227	248	Vertical
2	5725.09	57.15	16.96	68.30	11.15	256	248	Vertical
3	5733.07	56.34	17.01	68.30	11.96	210	29	Vertical
4	5744.14	53.60	17.08	68.30	14.70	204	159	Vertical
5	5757.79	50.63	17.13	68.30	17.67	232	113	Vertical

Final Data List



3.10.1.49 802.11N40_Channel 142

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	95.39	16.86	0.00	-95.39	197	338	Horizontal
2	5710.00	83.69	16.86	0.00	-83.69	167	318	Horizontal
3	5867.58	55.10	17.21	74.00	18.90	188	344	Horizontal
4	5882.89	41.34	17.16	54.00	12.66	158	298	Horizontal
5	5886.04	55.77	17.15	74.00	18.23	108	325	Horizontal
6	5893.09	41.06	17.13	54.00	12.94	114	113	Horizontal

Final Data List



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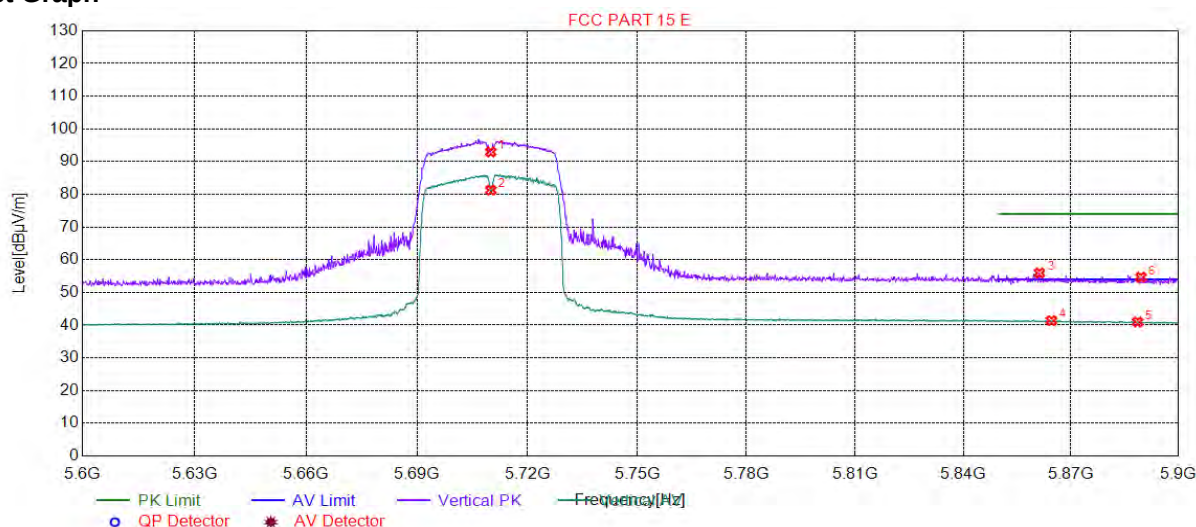
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3.10.1.50 802.11N40_Channel 142

Test Graph



Suspected List

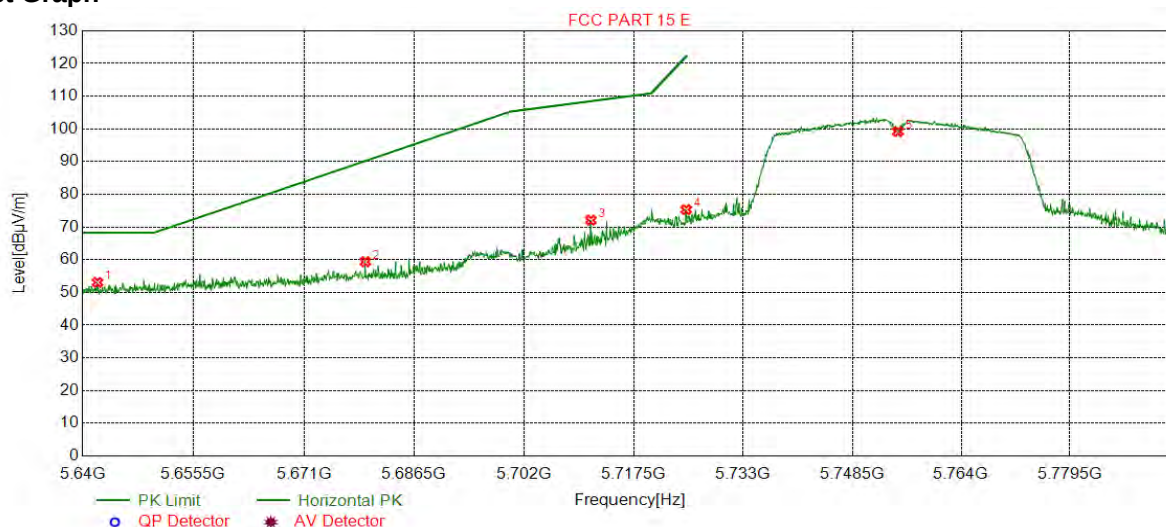
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	92.96	16.86	0.00	-92.96	179	36	Vertical
2	5710.00	81.31	16.86	0.00	-81.31	251	152	Vertical
3	5861.28	55.97	17.23	74.00	18.03	239	16	Vertical
4	5864.58	41.39	17.22	54.00	12.61	195	242	Vertical
5	5888.74	40.97	17.14	54.00	13.03	247	214	Vertical
6	5889.64	54.69	17.14	74.00	19.31	242	77	Vertical

Final Data List



3.10.1.51 802.11N40_Channel 151

Test Graph



Suspected List

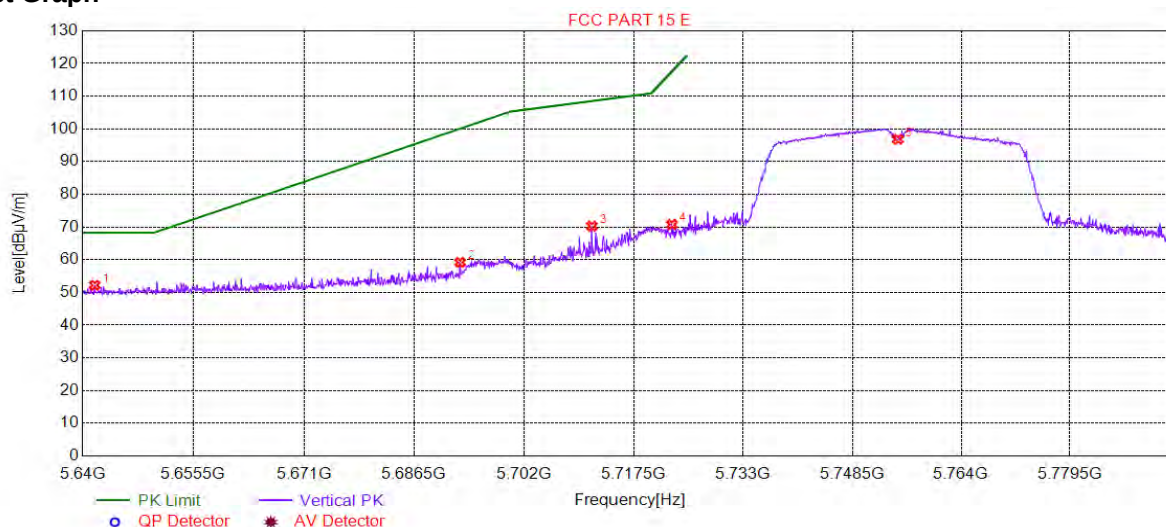
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.09	53.07	16.54	68.30	15.23	170	344	Horizontal
2	5679.62	59.41	16.69	90.22	30.81	103	340	Horizontal
3	5711.41	72.10	16.87	108.50	36.40	218	2	Horizontal
4	5724.90	75.35	16.96	122.08	46.73	240	313	Horizontal
5	5755.00	99.20	17.13	0.00	-99.20	117	344	Horizontal

Final Data List



3.10.1.52 802.11N40_Channel 151

Test Graph



Suspected List

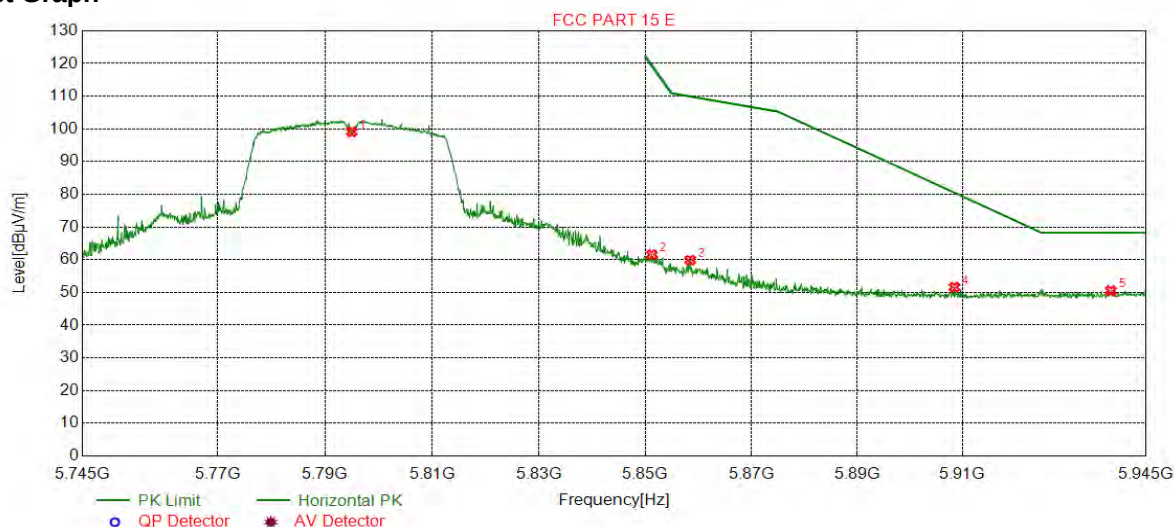
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.70	52.24	16.54	68.30	16.06	283	61	Vertical
2	5692.95	59.19	16.76	100.09	40.90	195	84	Vertical
3	5711.56	70.27	16.87	108.54	38.27	178	284	Vertical
4	5722.88	70.80	16.95	117.49	46.69	209	144	Vertical
5	5755.00	96.84	17.13	0.00	-96.84	269	256	Vertical

Final Data List



3.10.1.53 802.11N40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	99.11	17.18	0.00	-99.11	115	344	Horizontal
2	5851.25	61.61	17.26	119.44	57.83	142	3	Horizontal
3	5858.45	59.92	17.23	109.93	50.01	127	340	Horizontal
4	5908.48	51.61	17.24	80.52	28.91	192	206	Horizontal
5	5938.29	50.55	17.70	68.30	17.75	152	206	Horizontal

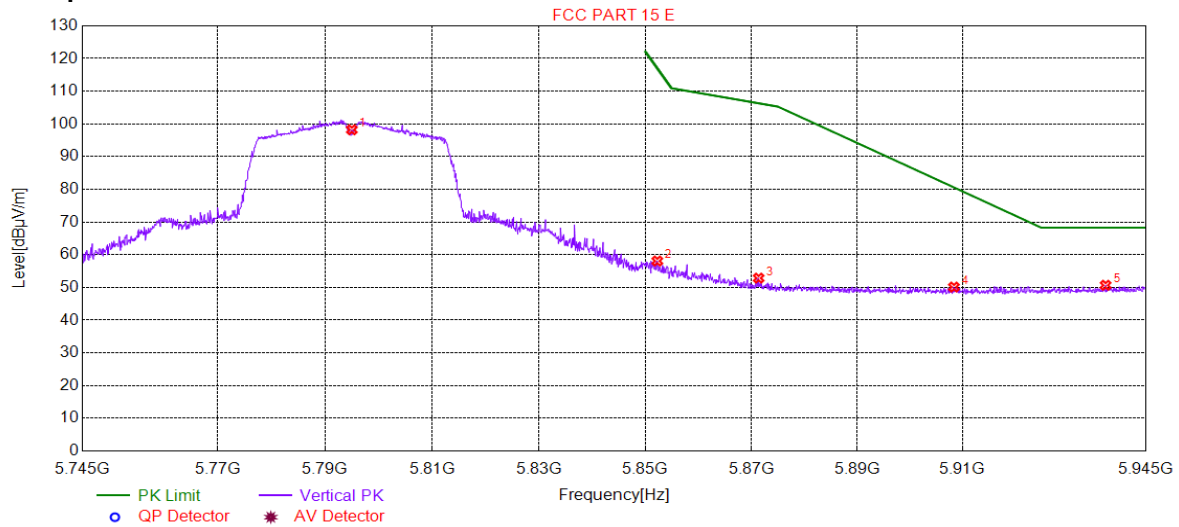
Final Data List





3.10.1.54 802.11N40_Channel 159

Test Graph



Suspected List

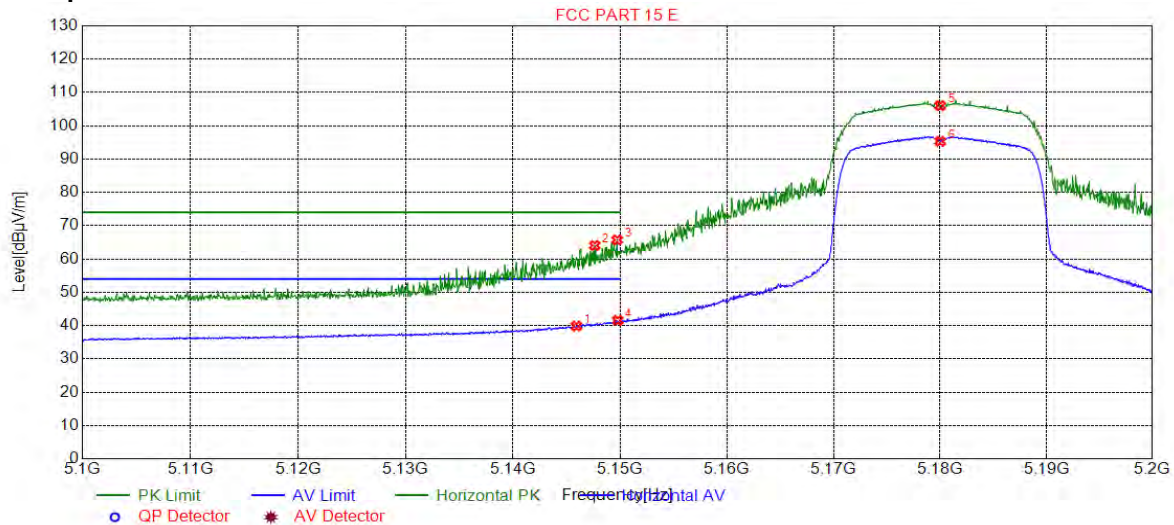
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	98.22	17.18	0.00	-98.22	234	39	Vertical
2	5852.25	58.10	17.25	117.16	59.06	278	244	Vertical
3	5871.36	52.87	17.20	106.32	53.45	209	129	Vertical
4	5908.38	50.13	17.24	80.60	30.47	271	116	Vertical
5	5937.29	50.68	17.68	68.30	17.62	258	166	Vertical

Final Data List



3.10.1.55 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.92	39.88	15.48	54.00	14.12	215	2	Horizontal
2	5147.62	64.08	15.50	74.00	9.92	142	7	Horizontal
3	5149.72	65.75	15.52	74.00	8.25	120	13	Horizontal
4	5149.77	41.57	15.52	54.00	12.43	127	2	Horizontal
5	5180.00	106.04	15.56	0.00	-106.04	124	346	Horizontal
6	5180.00	95.32	15.56	0.00	-95.32	189	2	Horizontal

Final Data List



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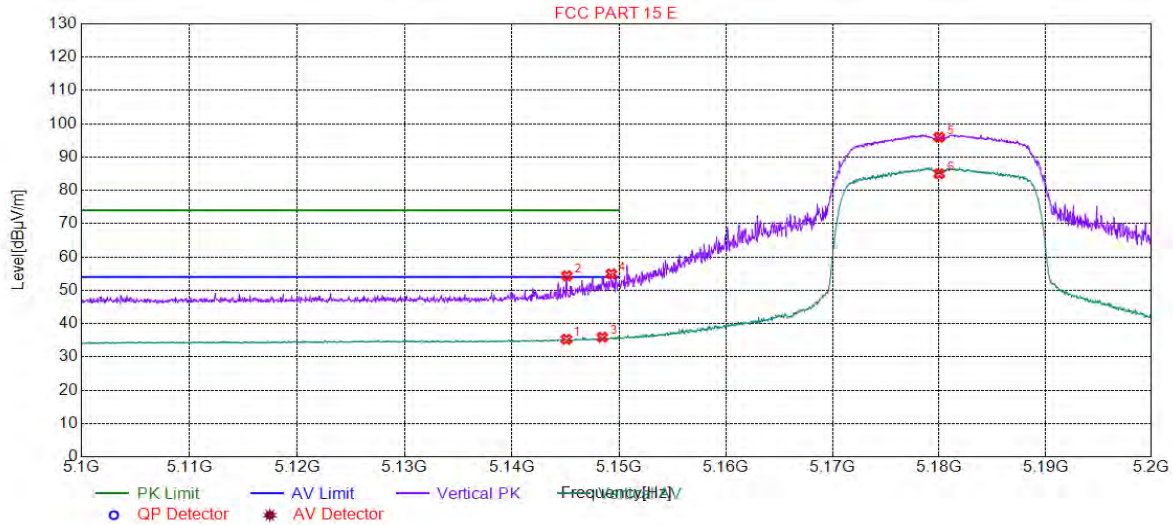
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3.10.1.56 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.07	35.31	15.48	54.00	18.69	190	248	Vertical
2	5145.12	54.36	15.48	74.00	19.64	297	143	Vertical
3	5148.42	35.94	15.51	54.00	18.06	279	248	Vertical
4	5149.27	54.94	15.51	74.00	19.06	275	149	Vertical
5	5180.00	95.97	15.56	0.00	-95.97	282	165	Vertical
6	5180.00	85.00	15.56	0.00	-85.00	182	254	Vertical

Final Data List



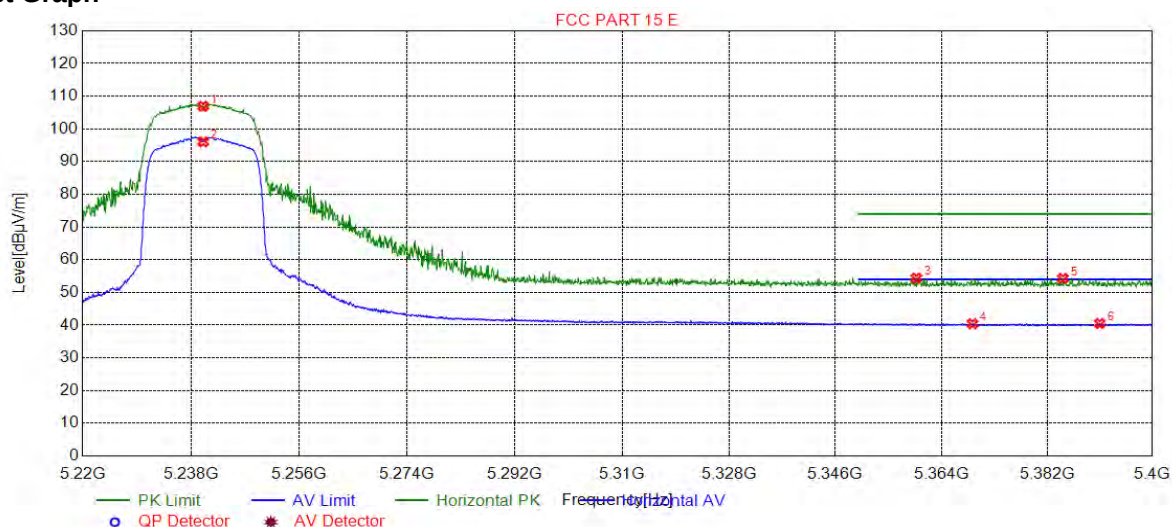
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3.10.1.57 802.11AC20_Channel 48

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	106.96	15.49	0.00	-106.96	157	344	Horizontal
2	5240.00	96.07	15.49	0.00	-96.07	131	344	Horizontal
3	5359.74	54.43	16.00	74.00	19.57	173	2	Horizontal
4	5369.29	40.46	16.06	54.00	13.54	145	338	Horizontal
5	5384.69	54.30	16.16	74.00	19.70	140	221	Horizontal
6	5390.99	40.53	16.19	54.00	13.47	226	344	Horizontal

Final Data List

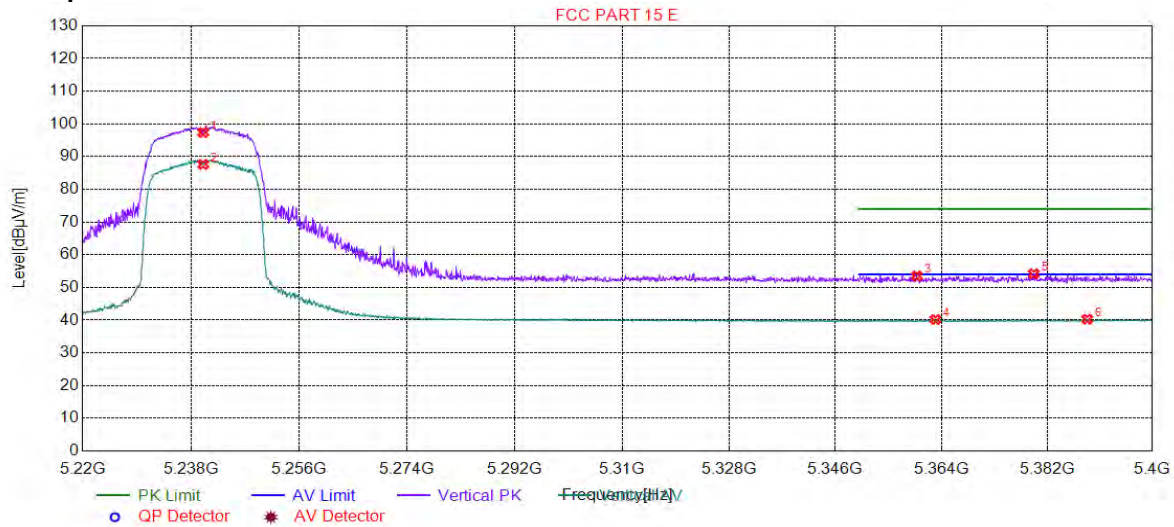


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3.10.1.58 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	97.41	15.49	0.00	-97.41	284	160	Vertical
2	5240.00	87.61	15.49	0.00	-87.61	230	160	Vertical
3	5359.83	53.53	16.00	74.00	20.47	287	139	Vertical
4	5362.99	40.20	16.02	54.00	13.80	262	153	Vertical
5	5379.73	54.19	16.12	74.00	19.81	155	167	Vertical
6	5388.83	40.30	16.18	54.00	13.70	215	77	Vertical

Final Data List



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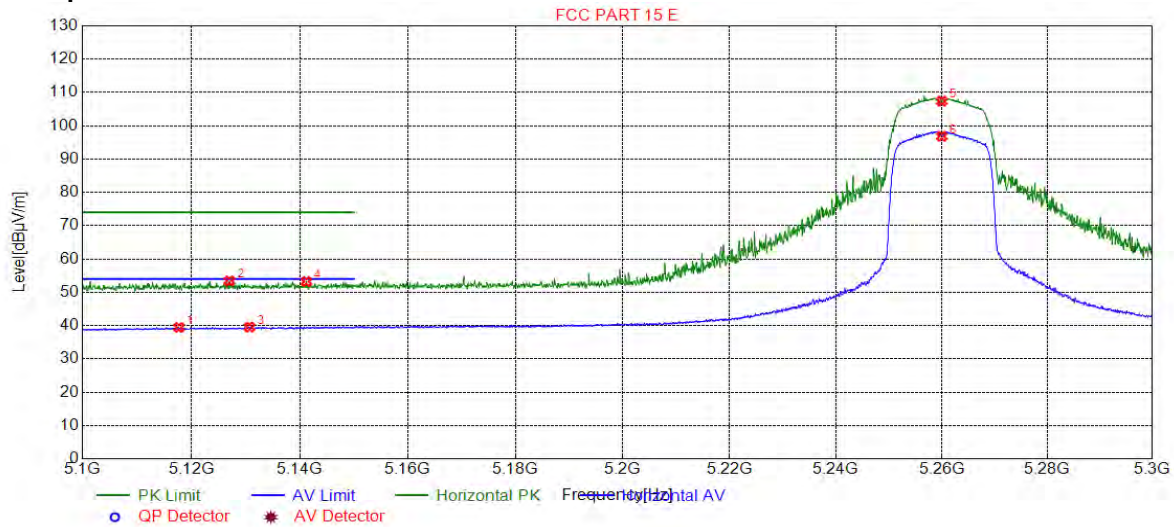
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3.10.1.59 802.11AC20_Channel 52

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5117.70	39.47	15.24	54.00	14.53	190	344	Horizontal
2	5127.01	53.45	15.32	74.00	20.55	188	234	Horizontal
3	5130.71	39.56	15.35	54.00	14.44	140	28	Horizontal
4	5141.22	53.24	15.44	74.00	20.76	220	35	Horizontal
5	5260.00	107.42	15.51	0.00	-107.42	246	8	Horizontal
6	5260.00	96.84	15.51	0.00	-96.84	187	2	Horizontal

Final Data List



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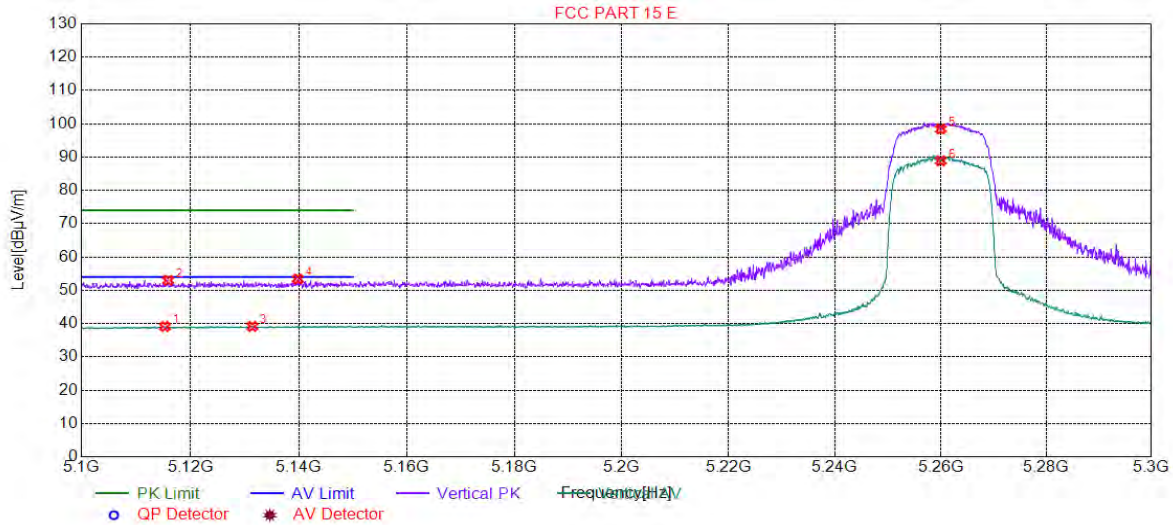
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3.10.1.60 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5115.30	39.16	15.22	54.00	14.84	152	83	Vertical
2	5115.90	53.02	15.23	74.00	20.98	279	137	Vertical
3	5131.41	39.18	15.36	54.00	14.82	226	130	Vertical
4	5139.81	53.41	15.43	74.00	20.59	261	260	Vertical
5	5260.00	98.40	15.51	0.00	-98.40	193	165	Vertical
6	5260.00	88.91	15.51	0.00	-88.91	256	165	Vertical

Final Data List

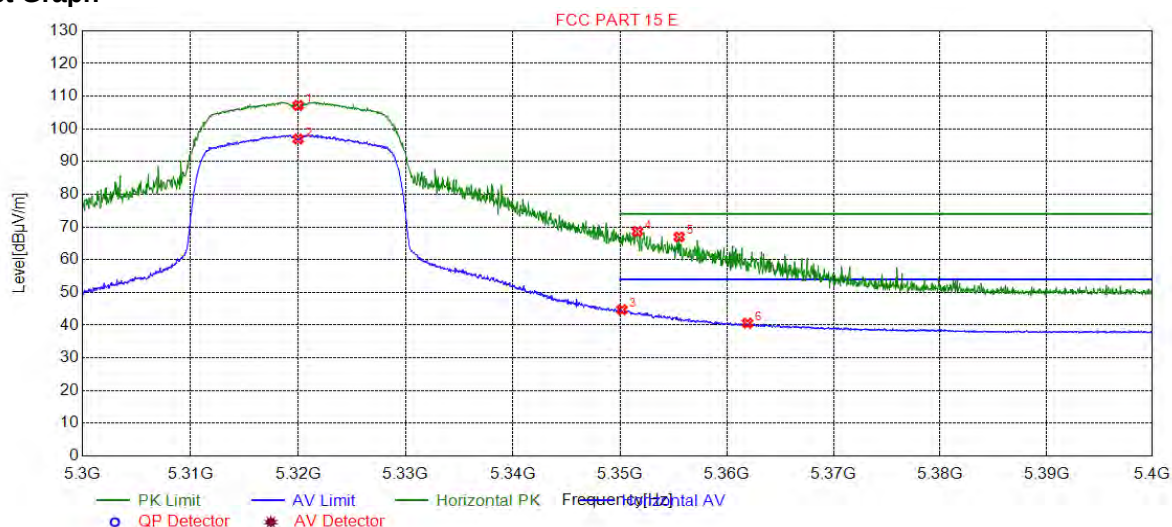


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3.10.1.61 802.11AC20_Channel 64

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	107.19	15.80	0.00	-107.19	145	345	Horizontal
2	5320.00	96.92	15.80	0.00	-96.92	106	345	Horizontal
3	5350.17	44.73	15.94	54.00	9.27	118	345	Horizontal
4	5351.62	68.64	15.95	74.00	5.36	174	345	Horizontal
5	5355.52	66.99	15.97	74.00	7.01	199	22	Horizontal
6	5361.93	40.62	16.01	54.00	13.38	115	345	Horizontal

Final Data List

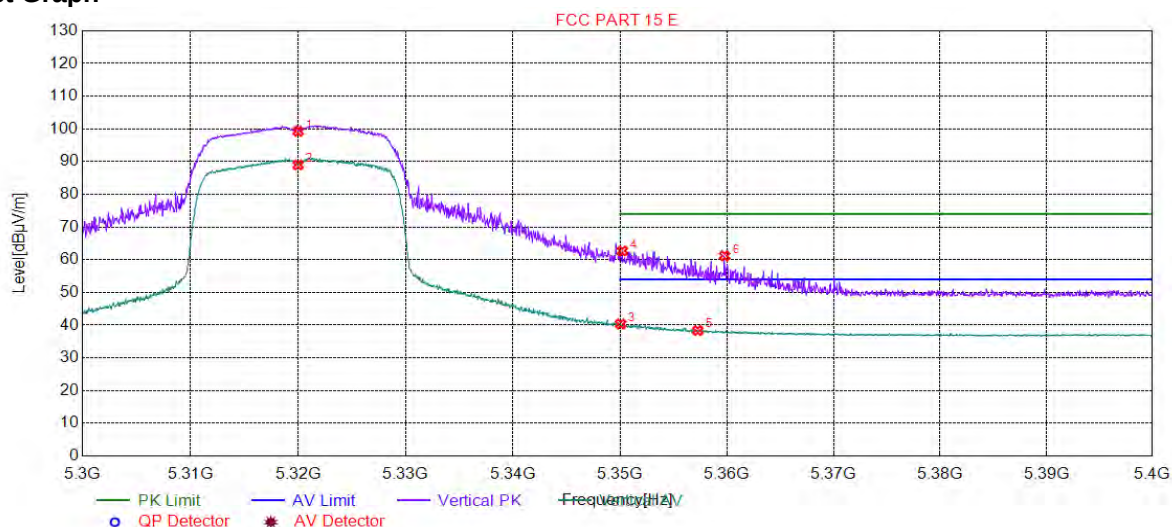


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3.10.1.62 802.11AC20_Channel 64

Test Graph



Suspected List

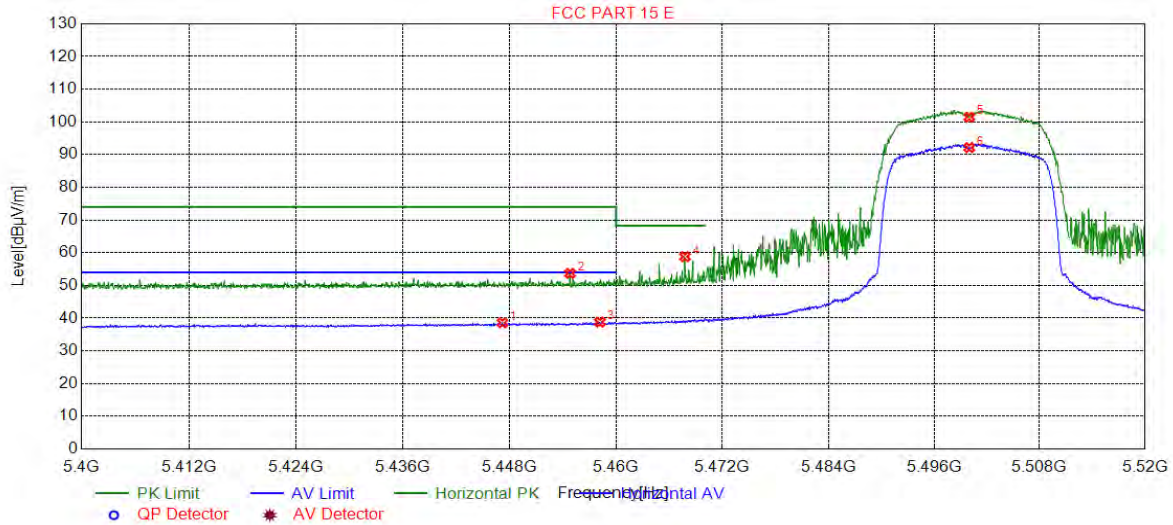
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	99.27	15.80	0.00	-99.27	219	152	Vertical
2	5320.00	89.02	15.80	0.00	-89.02	283	56	Vertical
3	5350.07	40.36	15.94	54.00	13.64	235	248	Vertical
4	5350.22	62.68	15.94	74.00	11.32	205	248	Vertical
5	5357.27	38.36	15.99	54.00	15.64	208	159	Vertical
6	5359.77	61.19	16.00	74.00	12.81	231	166	Vertical

Final Data List



3.10.1.63 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5447.18	38.61	16.25	54.00	15.39	166	336	Horizontal
2	5454.80	53.69	16.25	74.00	20.31	137	341	Horizontal
3	5458.16	38.81	16.25	54.00	15.19	109	331	Horizontal
4	5467.77	58.81	16.25	68.30	9.49	202	0	Horizontal
5	5500.00	101.47	16.25	0.00	-101.47	197	341	Horizontal
6	5500.00	92.16	16.25	0.00	-92.16	189	341	Horizontal

Final Data List

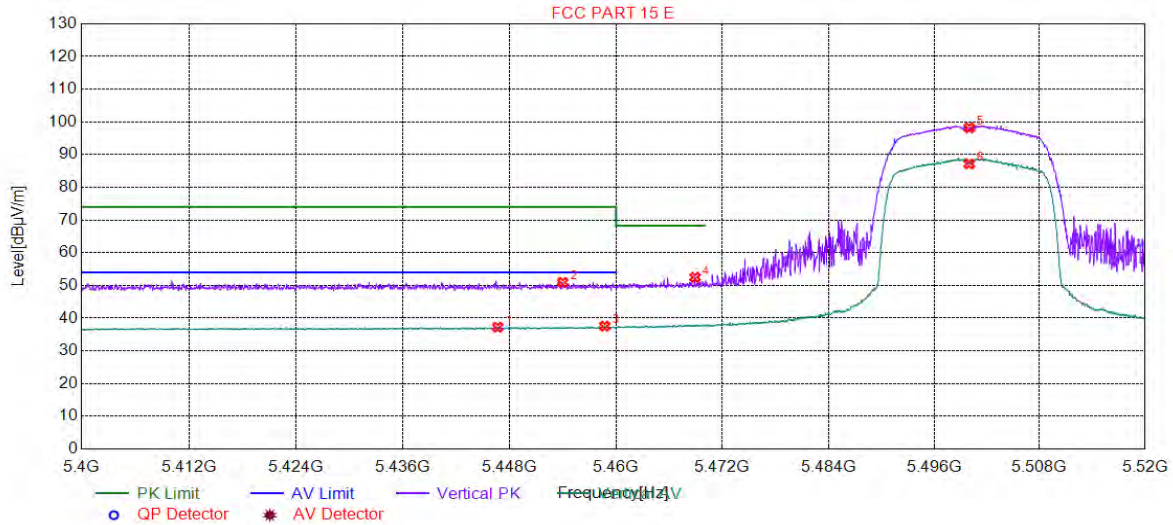


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3.10.1.64 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.64	37.26	16.25	54.00	16.74	220	128	Vertical
2	5453.96	50.96	16.25	74.00	23.04	297	112	Vertical
3	5458.70	37.57	16.25	54.00	16.43	228	139	Vertical
4	5468.91	52.51	16.25	68.30	15.79	215	254	Vertical
5	5500.00	98.19	16.25	0.00	-98.19	214	254	Vertical
6	5500.00	87.18	16.25	0.00	-87.18	285	254	Vertical

Final Data List



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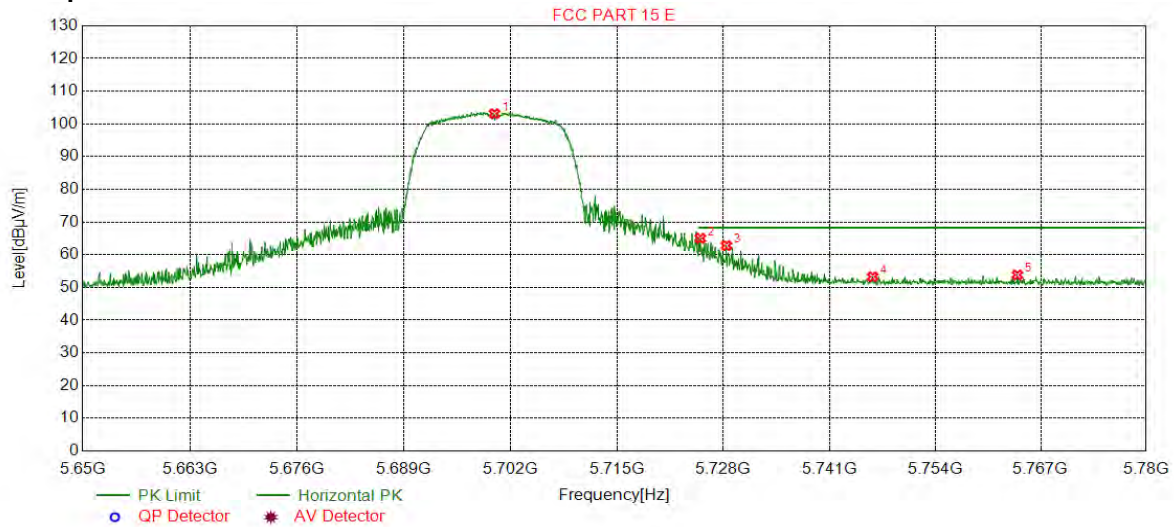
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3.10.1.65 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	103.14	16.80	0.00	-103.14	229	336	Horizontal
2	5725.17	65.02	16.96	68.30	3.28	127	313	Horizontal
3	5728.36	62.82	16.98	68.30	5.48	188	211	Horizontal
4	5746.31	53.29	17.10	68.30	15.01	126	340	Horizontal
5	5764.13	53.84	17.14	68.30	14.46	234	220	Horizontal

Final Data List



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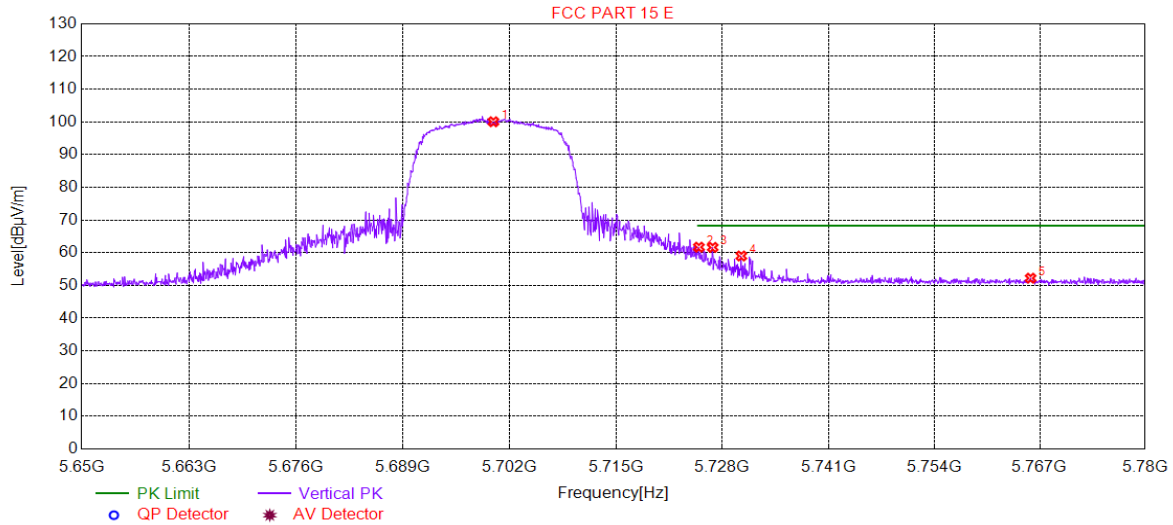
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3.10.1.66 802.11AC20_Channel 140

Test Graph



Suspected List

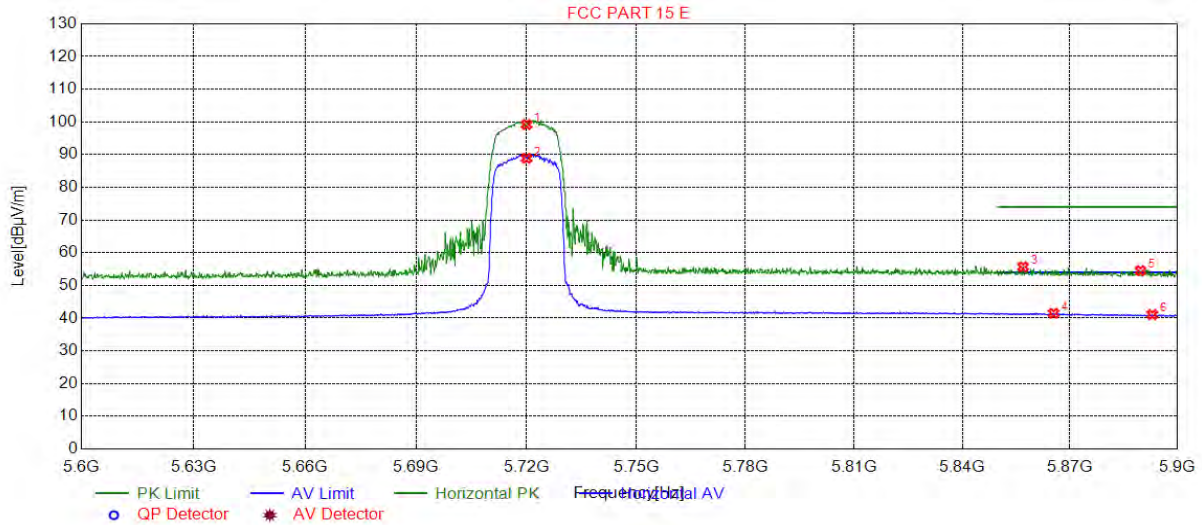
Suspected List								
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1	5700.00	100.05	16.80	0.00	-100.05	233	168	Vertical
2	5725.11	61.72	16.96	68.30	6.58	198	29	Vertical
3	5726.80	61.65	16.97	68.30	6.65	214	145	Vertical
4	5730.31	59.02	16.99	68.30	9.28	190	98	Vertical
5	5765.88	52.23	17.14	68.30	16.07	208	159	Vertical

Final Data List



3.10.1.67 802.11AC20_Channel 144

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	99.22	16.93	0.00	-99.22	132	331	Horizontal
2	5720.00	88.88	16.93	0.00	-88.88	136	216	Horizontal
3	5856.92	55.72	17.24	74.00	18.28	208	344	Horizontal
4	5865.48	41.50	17.21	54.00	12.50	189	93	Horizontal
5	5889.79	54.56	17.14	74.00	19.44	183	210	Horizontal
6	5893.09	41.10	17.13	54.00	12.90	117	203	Horizontal

Final Data List

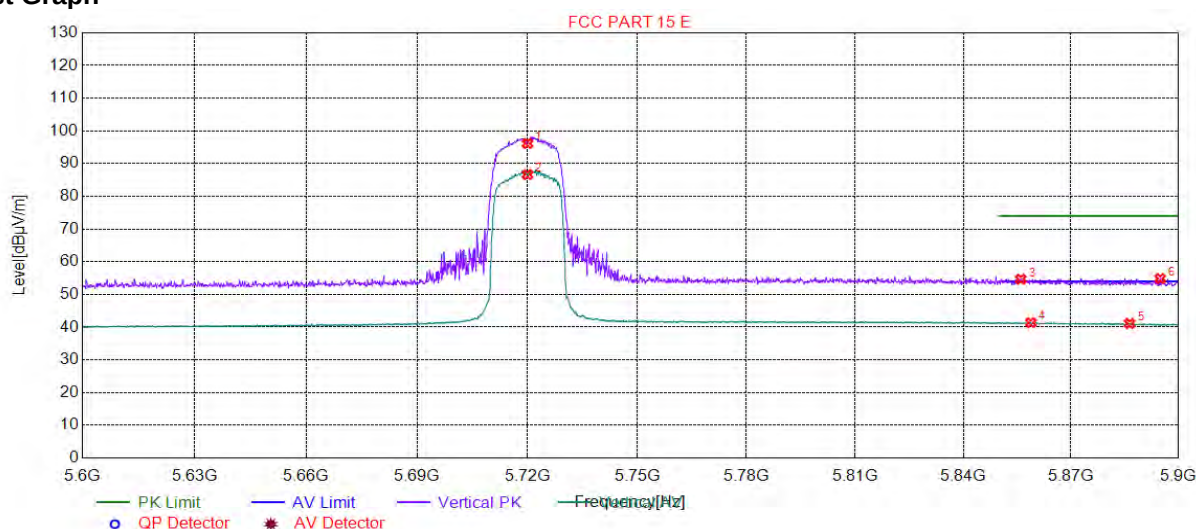


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3.10.1.68 802.11AC20_Channel 144

Test Graph



Suspected List

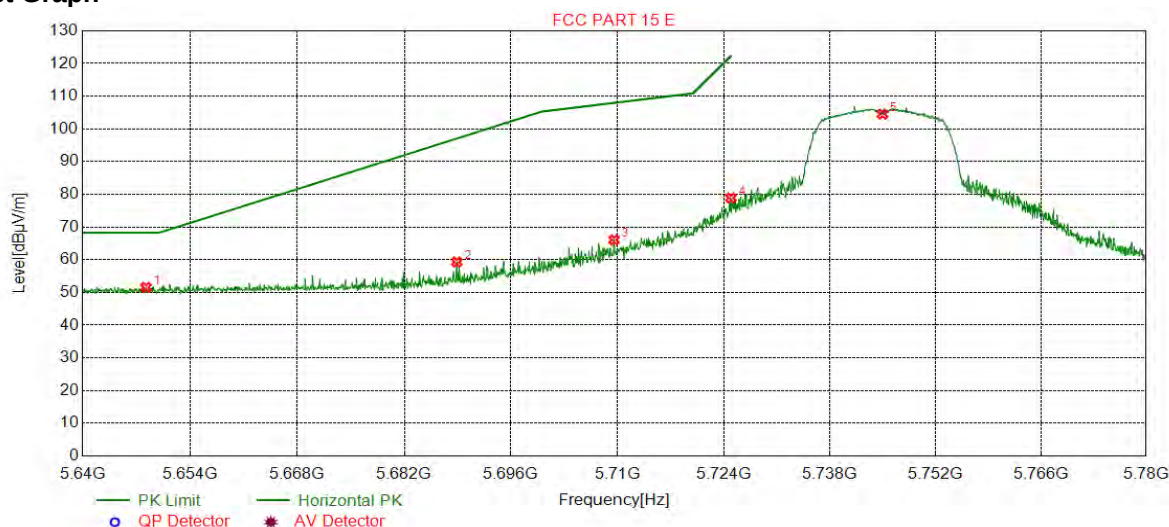
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	96.19	16.93	0.00	-96.19	172	255	Vertical
2	5720.00	86.67	16.93	0.00	-86.67	286	255	Vertical
3	5856.02	54.68	17.24	74.00	19.32	272	193	Vertical
4	5858.87	41.38	17.23	54.00	12.62	162	166	Vertical
5	5886.49	41.11	17.15	54.00	12.89	278	235	Vertical
6	5895.04	54.89	17.12	74.00	19.11	279	16	Vertical

Final Data List



3.10.1.69 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5648.26	51.59	16.53	68.30	16.71	203	296	Horizontal
2	5688.88	59.34	16.74	97.07	37.73	202	336	Horizontal
3	5709.54	66.08	16.86	107.97	41.89	176	327	Horizontal
4	5724.95	78.94	16.96	122.19	43.25	101	327	Horizontal
5	5745.00	104.53	17.09	0.00	-104.53	142	344	Horizontal

Final Data List

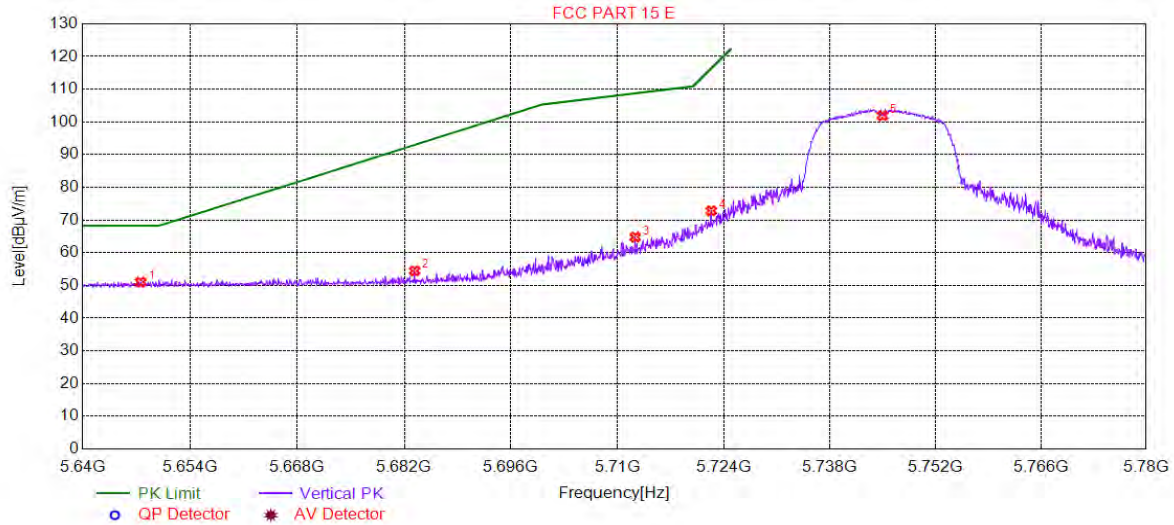


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3.10.1.70 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.56	51.02	16.53	68.30	17.28	237	20	Vertical
2	5683.35	54.47	16.71	92.98	38.51	163	56	Vertical
3	5712.34	64.80	16.88	108.76	43.96	196	130	Vertical
4	5722.36	72.83	16.94	116.28	43.45	293	255	Vertical
5	5745.00	101.91	17.09	0.00	-101.91	287	287	Vertical

Final Data List

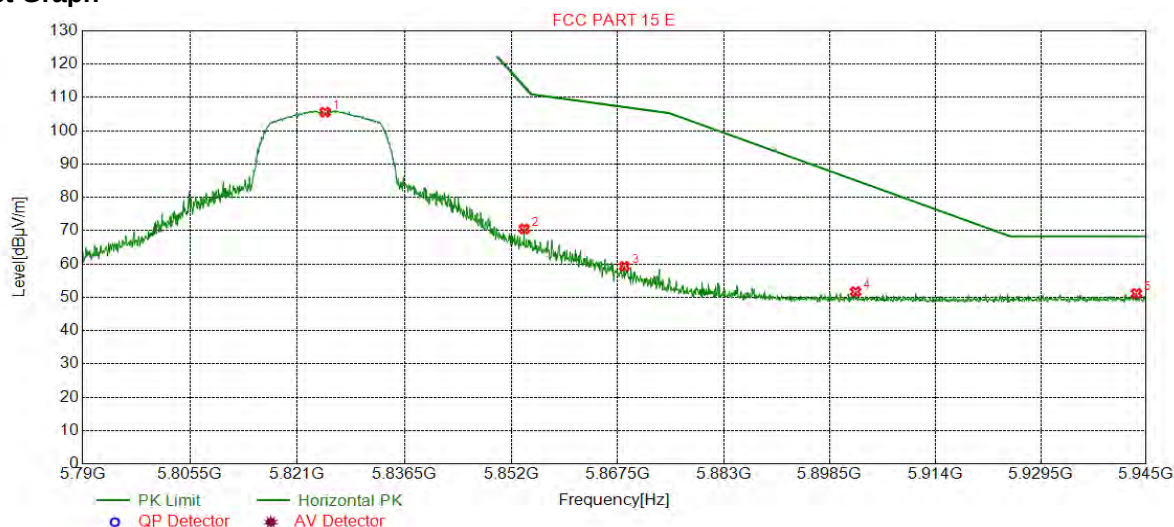


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3.10.1.71 802.11AC20_Channel 165

Test Graph



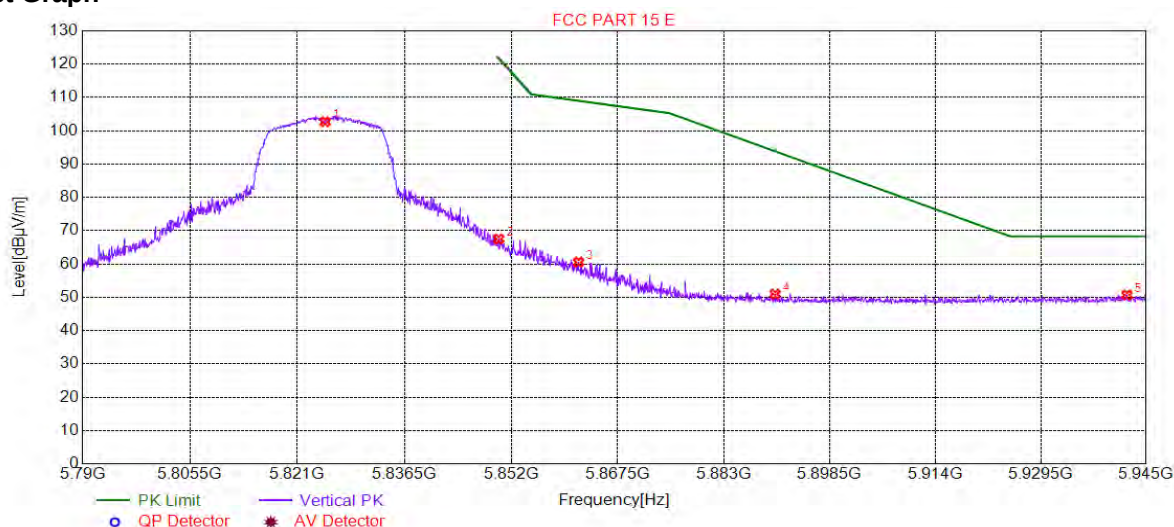
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.57	17.23	0.00	-105.57	221	330	Horizontal
2	5853.89	70.55	17.25	113.43	42.88	245	207	Horizontal
3	5868.46	59.30	17.20	107.13	47.83	218	326	Horizontal
4	5902.27	51.72	17.15	85.12	33.40	233	203	Horizontal
5	5943.60	51.19	17.78	68.30	17.11	191	344	Horizontal

Final Data List

3.10.1.72 802.11AC20_Channel 165

Test Graph



Suspected List

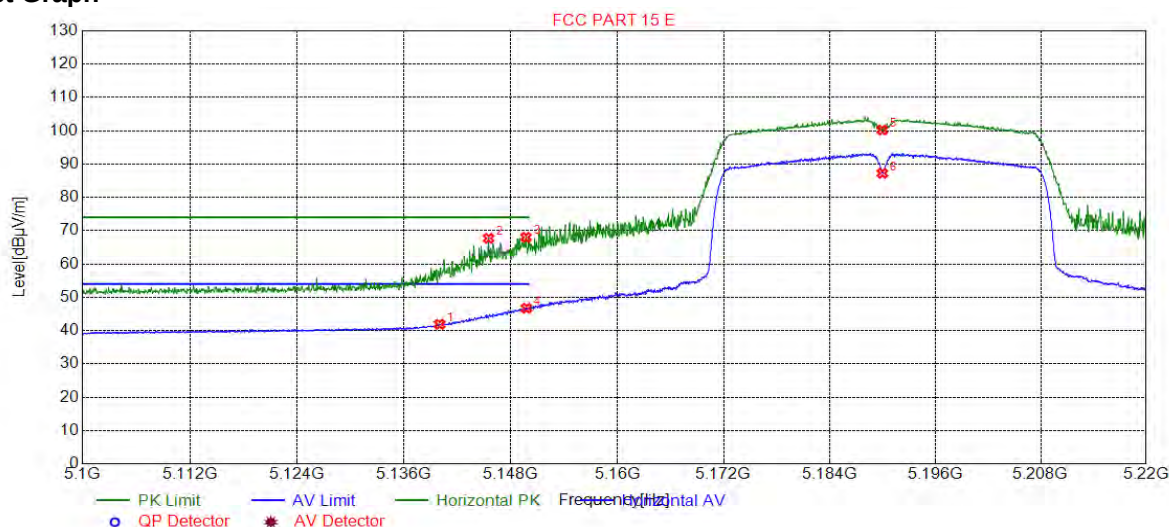
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	102.73	17.23	0.00	-102.73	259	222	Vertical
2	5850.17	67.53	17.26	121.91	54.38	161	222	Vertical
3	5861.80	60.58	17.22	109.00	48.42	275	33	Vertical
4	5890.49	50.98	17.14	93.84	42.86	269	102	Vertical
5	5942.20	50.72	17.76	68.30	17.58	257	208	Vertical

Final Data List



3.10.1.73 802.11AC40_Channel 38

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5139.98	41.93	15.43	54.00	12.07	230	8	Horizontal
2	5145.50	67.72	15.48	74.00	6.28	158	8	Horizontal
3	5149.70	68.02	15.52	74.00	5.98	138	346	Horizontal
4	5149.76	46.74	15.52	54.00	7.26	208	8	Horizontal
5	5190.00	100.21	15.58	0.00	-100.21	245	346	Horizontal
6	5190.00	87.22	15.58	0.00	-87.22	204	346	Horizontal

Final Data List

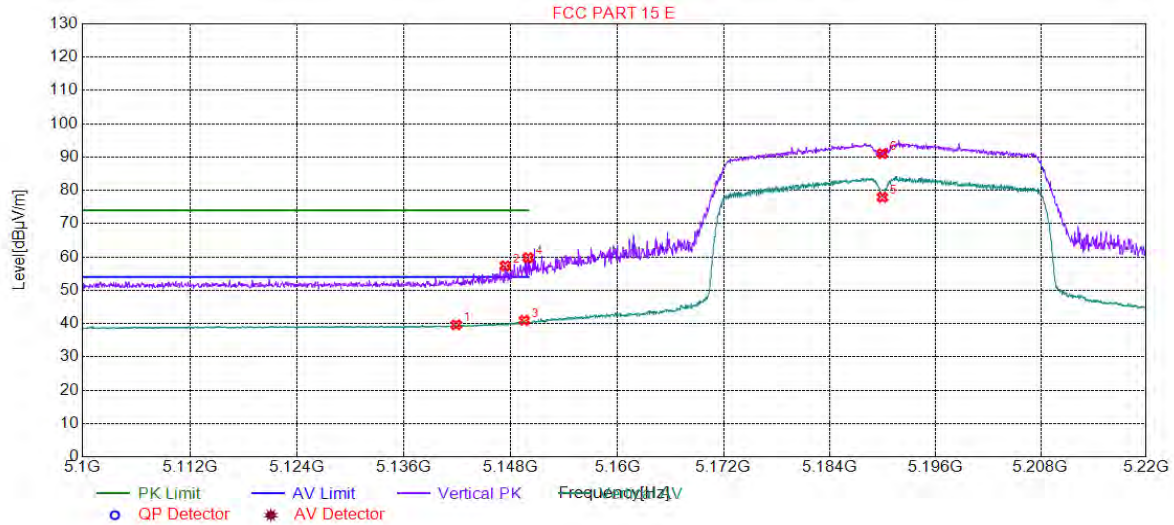


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3.10.1.74 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.84	39.67	15.45	54.00	14.33	241	150	Vertical
2	5147.36	57.35	15.50	74.00	16.65	278	199	Vertical
3	5149.52	40.99	15.52	54.00	13.01	291	150	Vertical
4	5149.94	59.82	15.52	74.00	14.18	193	254	Vertical
5	5190.00	77.93	15.58	0.00	-77.93	273	150	Vertical
6	5190.00	91.06	15.58	0.00	-91.06	269	139	Vertical

Final Data List



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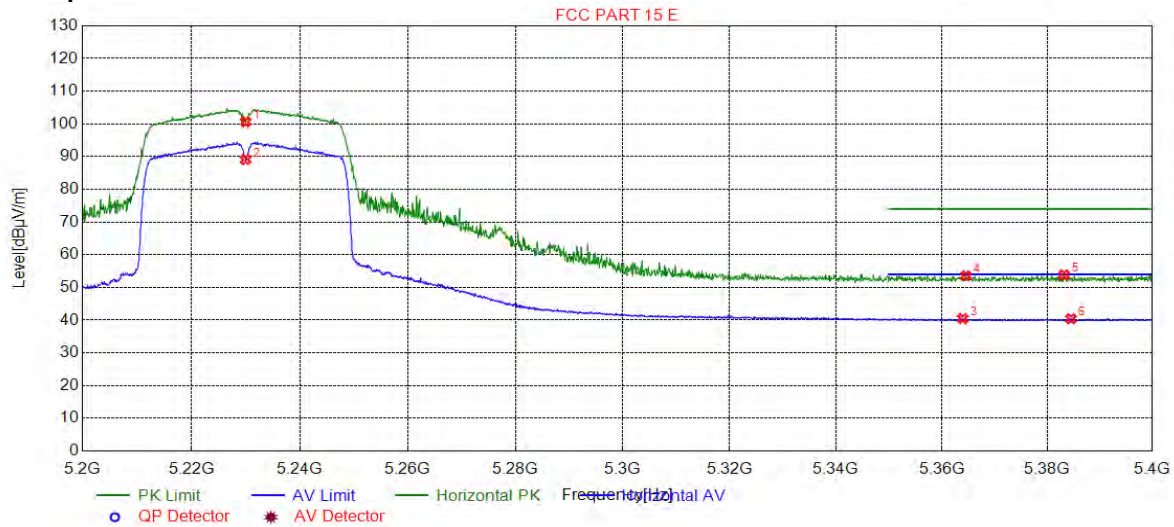
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3.10.1.75 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	100.63	15.51	0.00	-100.63	172	344	Horizontal
2	5230.00	89.11	15.51	0.00	-89.11	109	344	Horizontal
3	5363.98	40.50	16.03	54.00	13.50	238	344	Horizontal
4	5364.58	53.59	16.03	74.00	20.41	230	2	Horizontal
5	5383.19	53.86	16.15	74.00	20.14	164	55	Horizontal
6	5384.49	40.44	16.15	54.00	13.56	121	344	Horizontal

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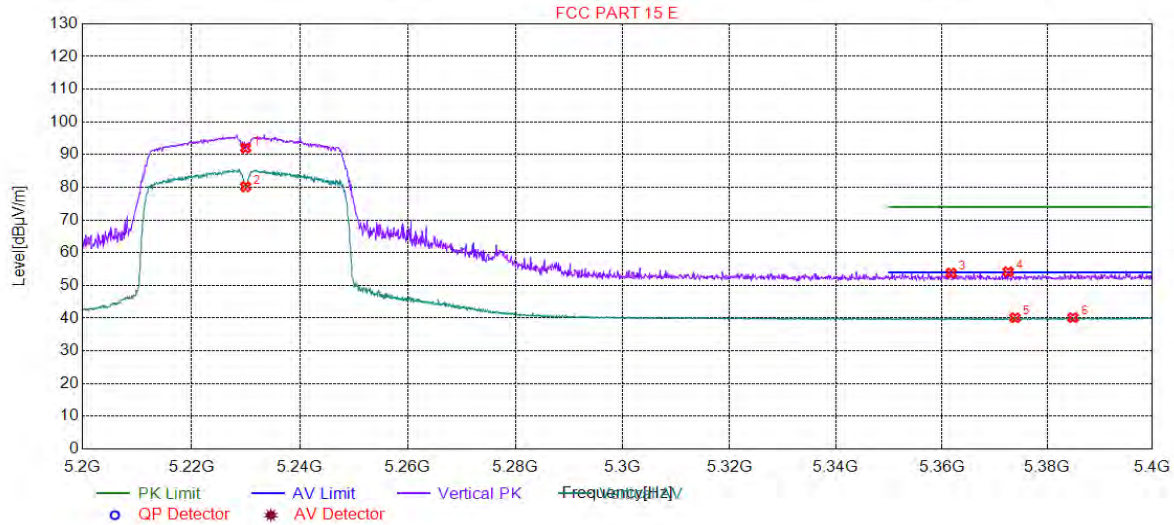
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3.10.1.76 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	92.01	15.51	0.00	-92.01	153	147	Vertical
2	5230.00	80.21	15.51	0.00	-80.21	297	147	Vertical
3	5361.78	53.82	16.01	74.00	20.18	226	105	Vertical
4	5372.58	54.19	16.08	74.00	19.81	219	140	Vertical
5	5373.88	40.13	16.09	54.00	13.87	196	334	Vertical
6	5384.89	40.17	16.16	54.00	13.83	267	49	Vertical

Final Data List



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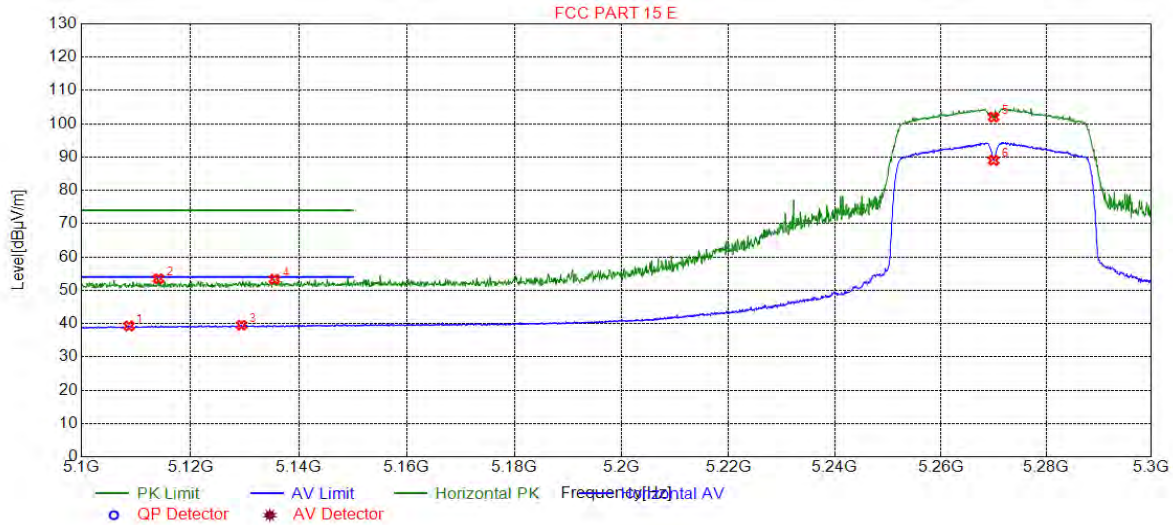
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3.10.1.77 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.70	39.31	15.16	54.00	14.69	168	345	Horizontal
2	5114.10	53.50	15.21	74.00	20.50	112	345	Horizontal
3	5129.41	39.57	15.34	54.00	14.43	202	345	Horizontal
4	5135.51	53.33	15.40	74.00	20.67	208	145	Horizontal
5	5270.00	101.99	15.56	0.00	-101.99	154	345	Horizontal
6	5270.00	89.00	15.56	0.00	-89.00	171	345	Horizontal

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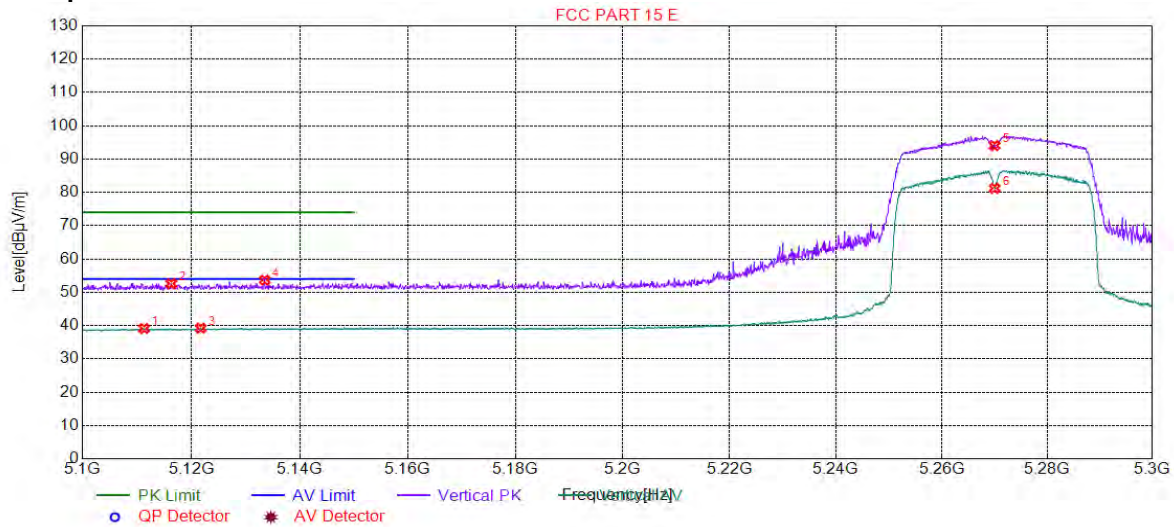
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3.10.1.78 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5111.30	39.16	15.19	54.00	14.84	214	297	Vertical
2	5116.30	52.61	15.23	74.00	21.39	171	304	Vertical
3	5121.71	39.25	15.28	54.00	14.75	238	276	Vertical
4	5133.51	53.69	15.38	74.00	20.31	253	332	Vertical
5	5270.00	94.03	15.56	0.00	-94.03	223	144	Vertical
6	5270.00	81.23	15.56	0.00	-81.23	153	137	Vertical

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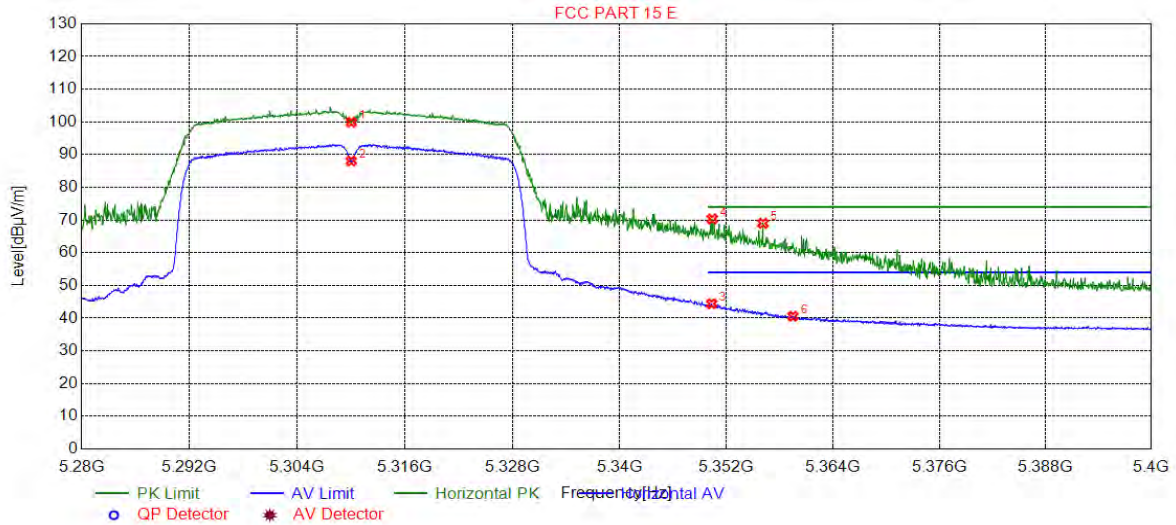
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3.10.1.79 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	99.91	15.75	0.00	-99.91	111	2	Horizontal
2	5310.00	88.04	15.75	0.00	-88.04	200	344	Horizontal
3	5350.35	44.43	15.94	54.00	9.57	203	344	Horizontal
4	5350.41	70.32	15.94	74.00	3.68	193	324	Horizontal
5	5356.11	69.01	15.98	74.00	4.99	178	0	Horizontal
6	5359.47	40.60	16.00	54.00	13.40	247	344	Horizontal

Final Data List



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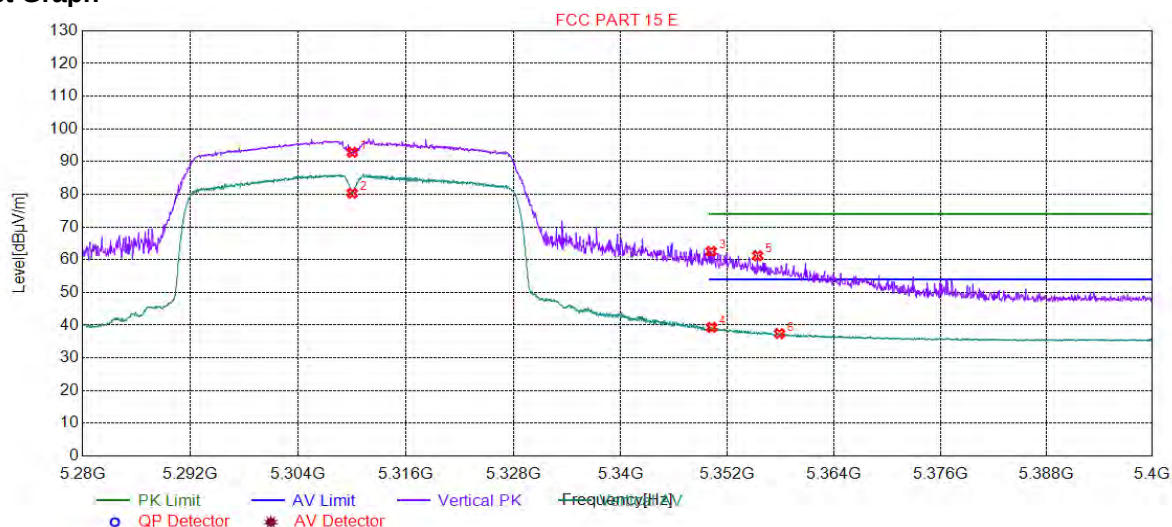
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3.10.1.80 802.11AC40_Channel 62

Test Graph



Suspected List

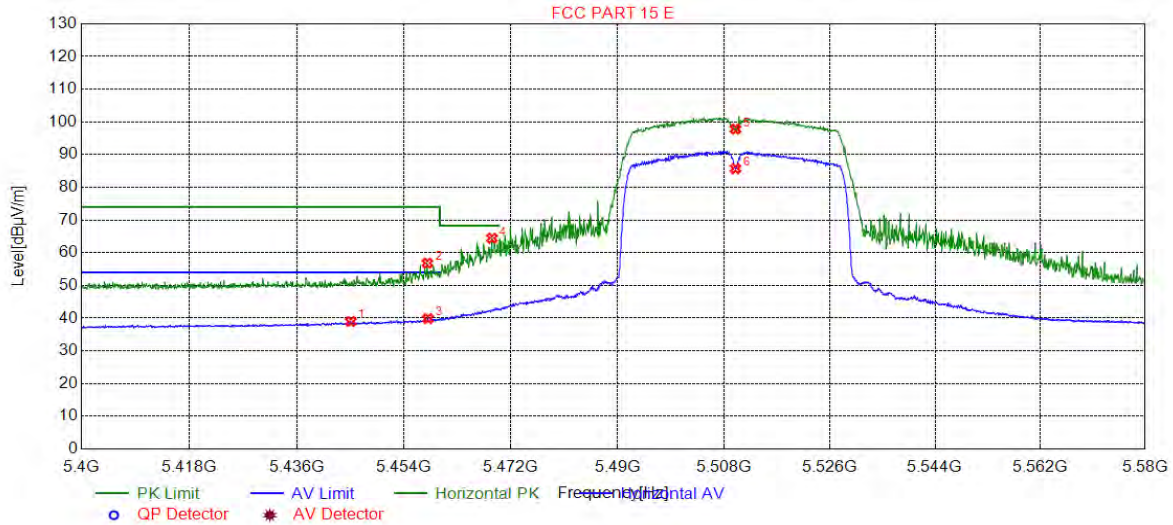
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	92.87	15.75	0.00	-92.87	294	167	Vertical
2	5310.00	80.34	15.75	0.00	-80.34	172	174	Vertical
3	5350.17	62.57	15.94	74.00	11.43	240	167	Vertical
4	5350.23	39.33	15.94	54.00	14.67	251	160	Vertical
5	5355.39	61.24	15.97	74.00	12.76	248	249	Vertical
6	5357.85	37.42	15.99	54.00	16.58	180	49	Vertical

Final Data List



3.10.1.81 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.02	38.98	16.25	54.00	15.02	230	344	Horizontal
2	5457.89	56.84	16.25	74.00	17.16	148	331	Horizontal
3	5457.98	39.86	16.25	54.00	14.14	160	331	Horizontal
4	5468.79	64.44	16.25	68.30	3.86	241	344	Horizontal
5	5510.00	97.80	16.28	0.00	-97.80	248	325	Horizontal
6	5510.00	85.73	16.28	0.00	-85.73	226	344	Horizontal

Final Data List



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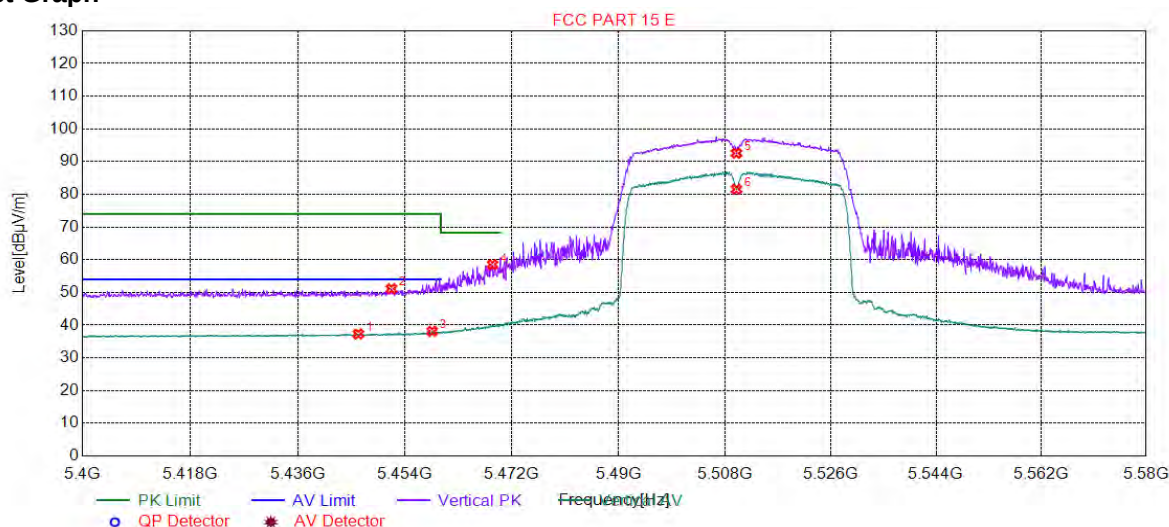
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3.10.1.82 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.10	37.32	16.25	54.00	16.68	183	256	Vertical
2	5451.68	51.13	16.25	74.00	22.87	254	16	Vertical
3	5458.52	38.14	16.25	54.00	15.86	244	138	Vertical
4	5468.70	58.52	16.25	68.30	9.78	172	235	Vertical
5	5510.00	92.56	16.28	0.00	-92.56	258	173	Vertical
6	5510.00	81.56	16.28	0.00	-81.56	273	256	Vertical

Final Data List



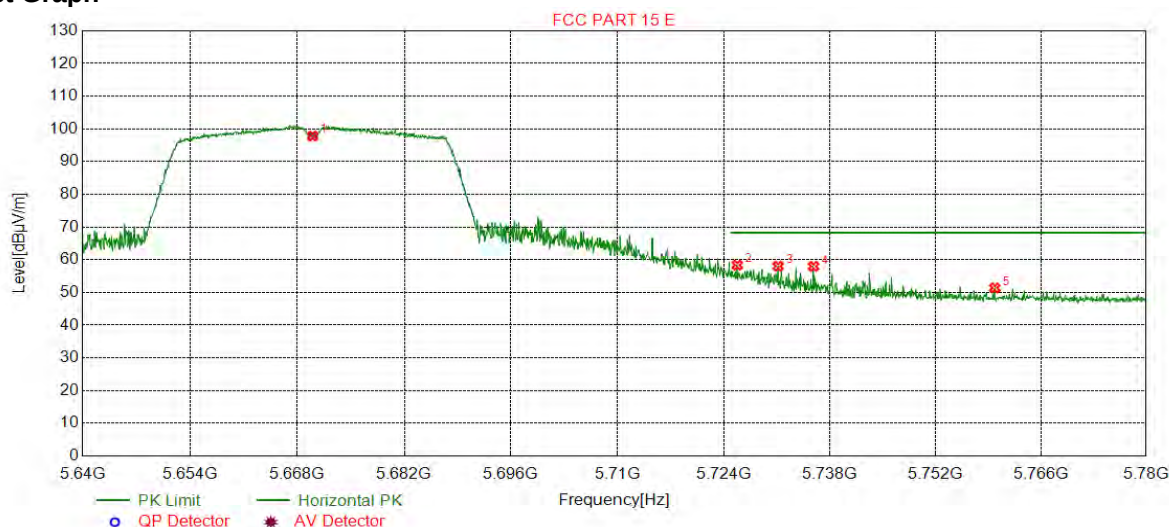
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3.10.1.83 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	97.82	16.64	0.00	-97.82	214	336	Horizontal
2	5725.79	58.35	16.97	68.30	9.95	215	336	Horizontal
3	5731.18	58.04	17.00	68.30	10.26	147	299	Horizontal
4	5735.87	57.96	17.03	68.30	10.34	125	331	Horizontal
5	5759.90	51.38	17.13	68.30	16.92	235	262	Horizontal

Final Data List

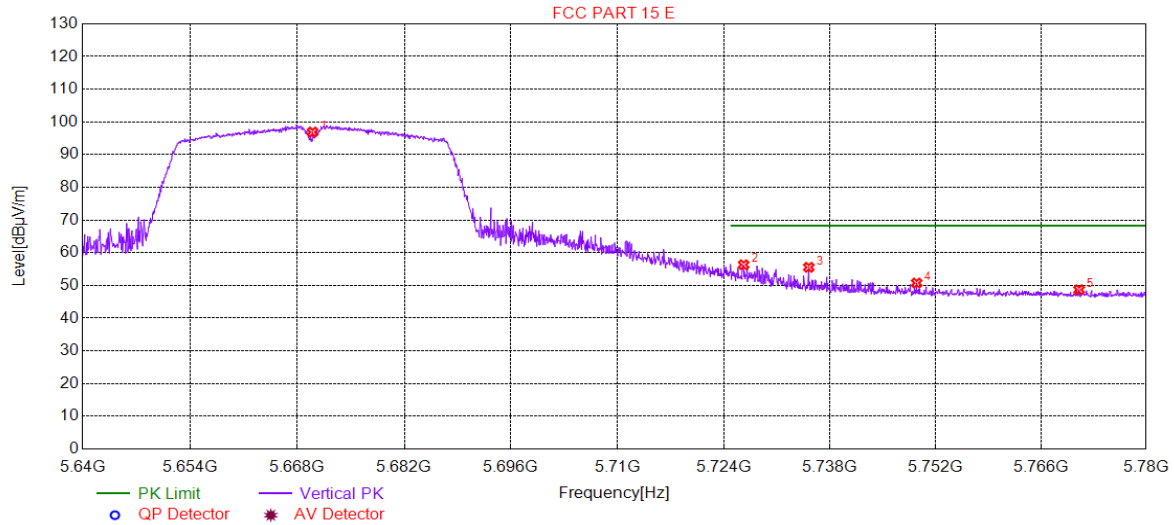


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3.10.1.84 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	96.91	16.64	0.00	-96.91	270	251	Vertical
2	5726.63	56.35	16.97	68.30	11.95	284	172	Vertical
3	5735.24	55.56	17.03	68.30	12.74	161	251	Vertical
4	5749.53	50.75	17.12	68.30	17.55	294	144	Vertical
5	5771.10	48.71	17.15	68.30	19.59	281	172	Vertical

Final Data List



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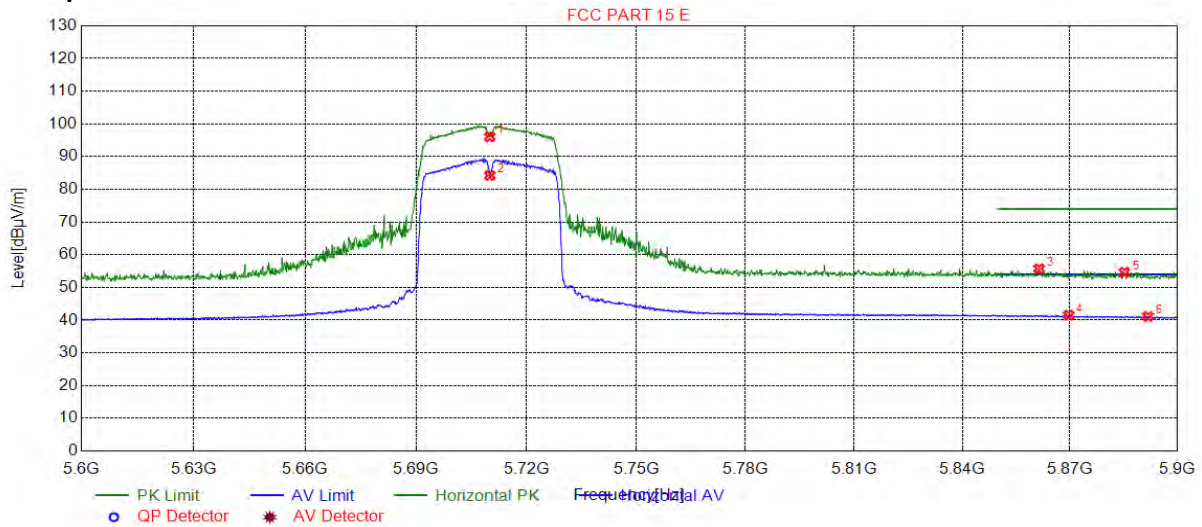
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3.10.1.85 802.11AC40_Channel 142

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	96.04	16.86	0.00	-96.04	110	215	Horizontal
2	5710.00	84.28	16.86	0.00	-84.28	118	222	Horizontal
3	5861.43	55.73	17.23	74.00	18.27	159	311	Horizontal
4	5869.68	41.52	17.20	54.00	12.48	173	0	Horizontal
5	5885.29	54.67	17.15	74.00	19.33	239	249	Horizontal
6	5891.89	41.12	17.13	54.00	12.88	121	6	Horizontal

Final Data List

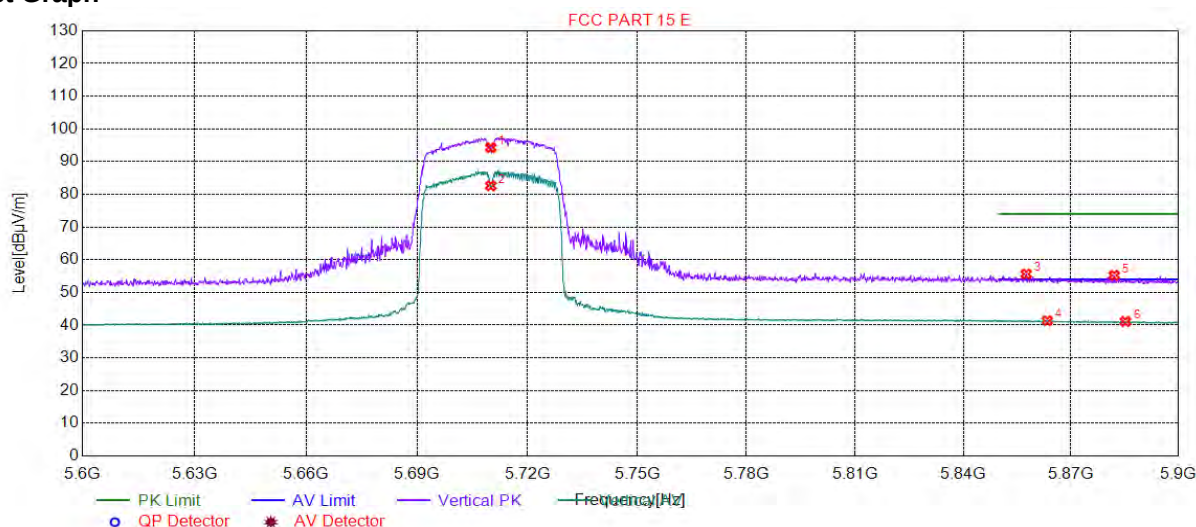


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3.10.1.86 802.11AC40_Channel 142

Test Graph



Suspected List

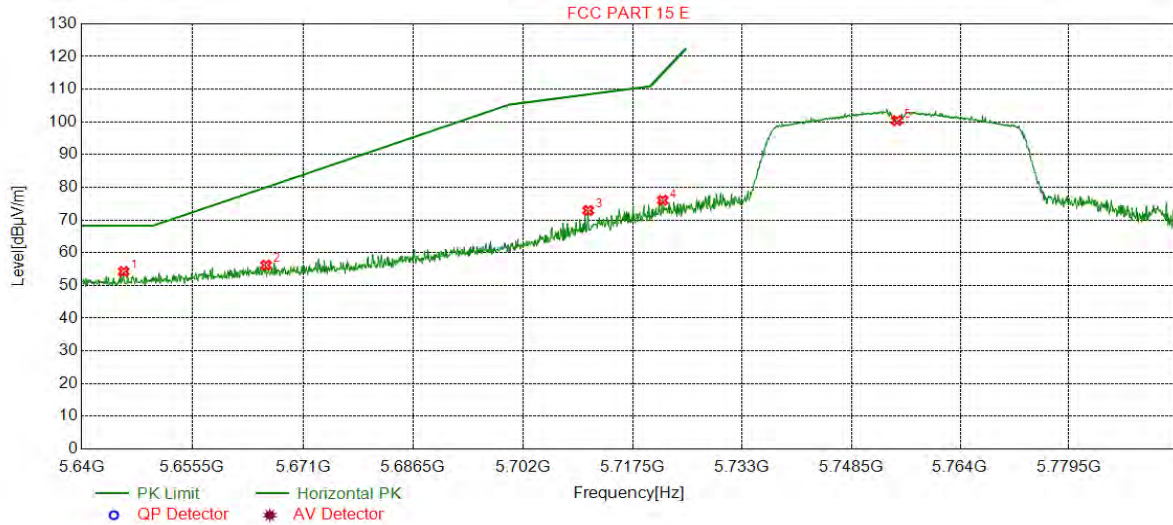
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	94.28	16.86	0.00	-94.28	259	117	Vertical
2	5710.00	82.62	16.86	0.00	-82.62	175	250	Vertical
3	5857.52	55.65	17.24	74.00	18.35	245	50	Vertical
4	5863.38	41.37	17.22	54.00	12.63	285	83	Vertical
5	5882.14	55.25	17.16	74.00	18.75	239	359	Vertical
6	5885.29	41.12	17.15	54.00	12.88	157	215	Vertical

Final Data List



3.10.1.87 802.11AC40_Channel 151

Test Graph



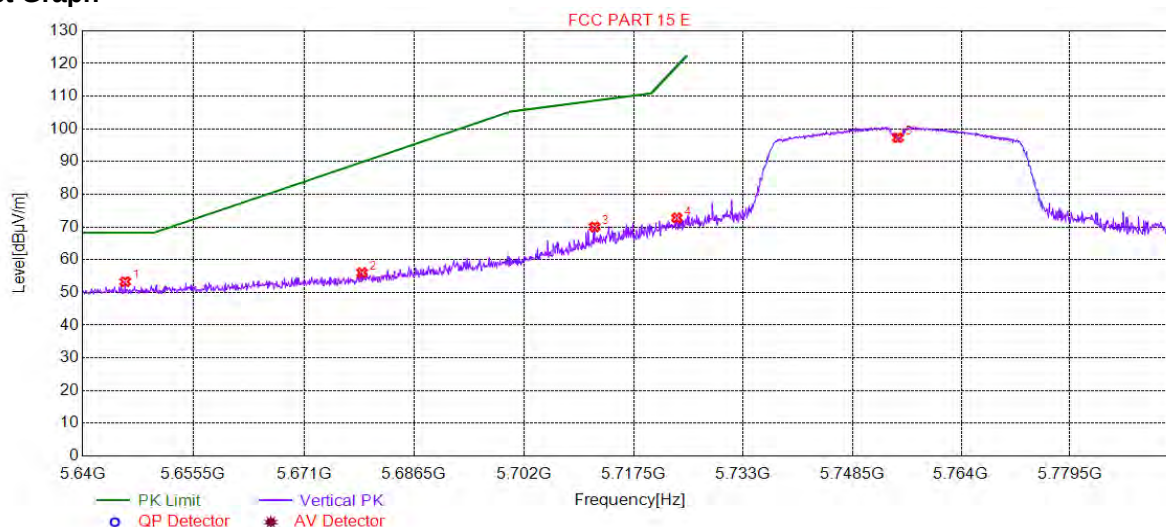
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.89	54.26	16.53	68.30	14.04	180	336	Horizontal
2	5665.82	56.21	16.62	80.01	23.80	216	340	Horizontal
3	5711.18	72.94	16.87	108.43	35.49	212	289	Horizontal
4	5721.72	76.07	16.94	114.83	38.76	243	336	Horizontal
5	5755.00	100.42	17.13	0.00	-100.42	154	294	Horizontal

Final Data List

3.10.1.88 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.97	53.31	16.53	68.30	14.99	263	230	Vertical
2	5679.15	56.04	16.69	89.88	33.84	165	38	Vertical
3	5711.95	70.06	16.88	108.65	38.59	257	61	Vertical
4	5723.58	72.81	16.95	119.08	46.27	168	144	Vertical
5	5755.00	97.28	17.13	0.00	-97.28	211	144	Vertical

Final Data List

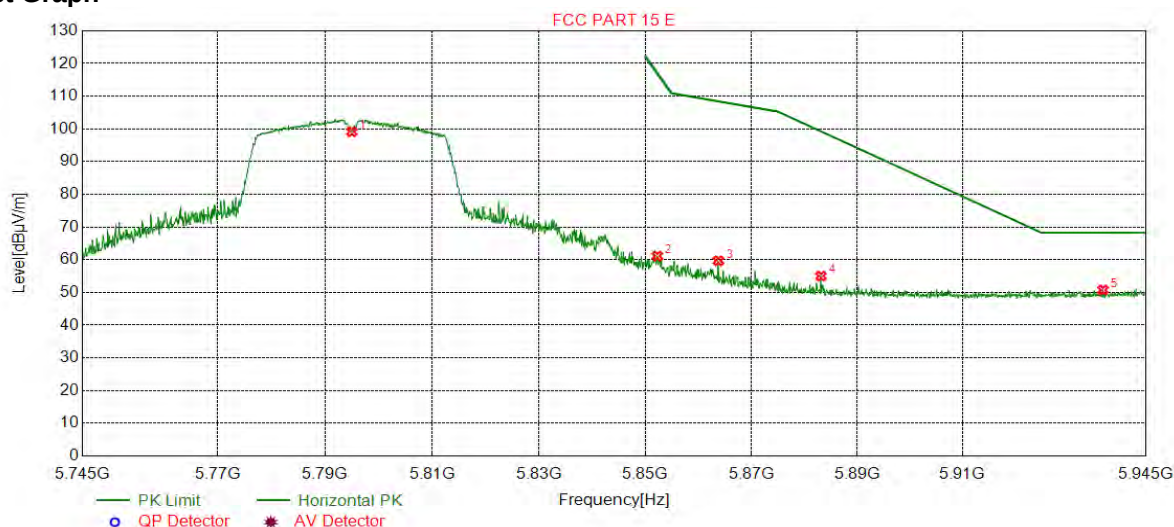


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3.10.1.89 802.11AC40_Channel 159

Test Graph



Suspected List

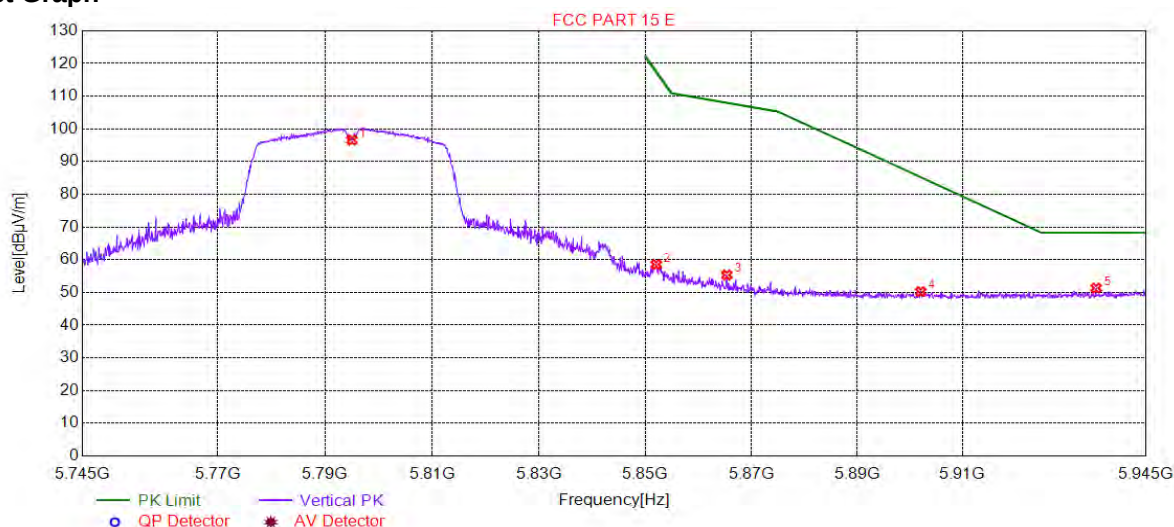
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	99.13	17.18	0.00	-99.13	230	268	Horizontal
2	5852.25	61.14	17.25	117.16	56.02	244	322	Horizontal
3	5863.75	59.69	17.22	108.45	48.76	171	332	Horizontal
4	5883.16	55.02	17.16	99.25	44.23	199	318	Horizontal
5	5936.79	50.77	17.68	68.30	17.53	169	291	Horizontal

Final Data List



3.10.1.90 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	96.61	17.18	0.00	-96.61	238	144	Vertical
2	5852.05	58.56	17.25	117.62	59.06	174	167	Vertical
3	5865.36	55.35	17.21	108.00	52.65	172	171	Vertical
4	5902.07	50.26	17.14	85.26	35.00	272	106	Vertical
5	5935.49	51.34	17.66	68.30	16.96	173	20	Vertical

Final Data List



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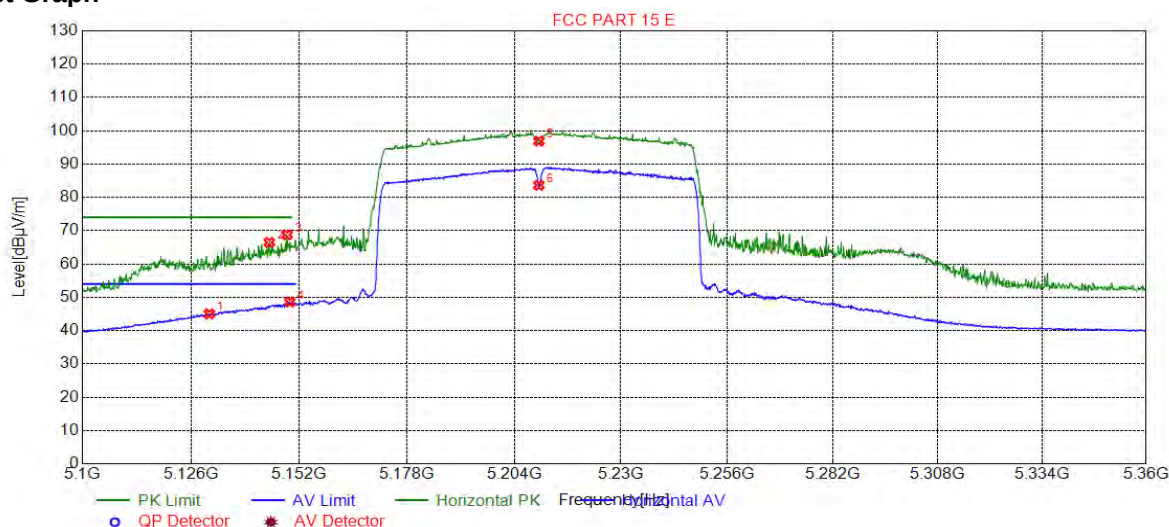
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3.10.1.91 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5130.30	45.04	15.35	54.00	8.96	106	344	Horizontal
2	5144.74	66.51	15.47	74.00	7.49	246	12	Horizontal
3	5149.03	68.79	15.51	74.00	5.21	192	344	Horizontal
4	5149.68	48.64	15.52	54.00	5.36	227	0	Horizontal
5	5210.00	96.91	15.56	0.00	-96.91	206	344	Horizontal
6	5210.00	83.65	15.56	0.00	-83.65	100	344	Horizontal

Final Data List



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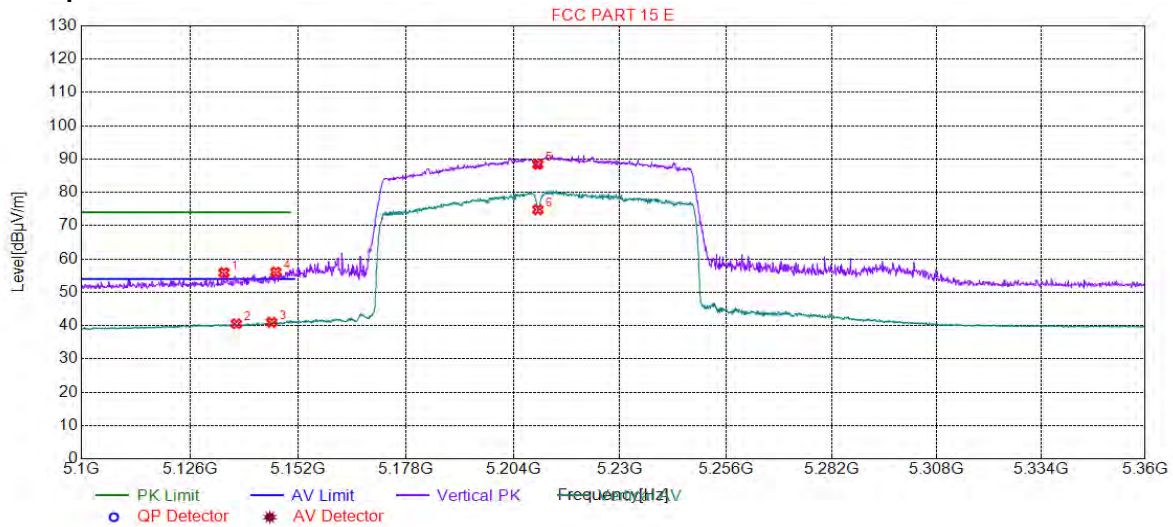
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3.10.1.92 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5134.07	55.91	15.38	74.00	18.09	182	209	Vertical
2	5137.06	40.56	15.41	54.00	13.44	281	133	Vertical
3	5145.52	41.01	15.48	54.00	12.99	232	140	Vertical
4	5146.56	56.11	15.49	74.00	17.89	235	168	Vertical
5	5210.00	88.42	15.56	0.00	-88.42	202	140	Vertical
6	5210.00	74.81	15.56	0.00	-74.81	237	140	Vertical

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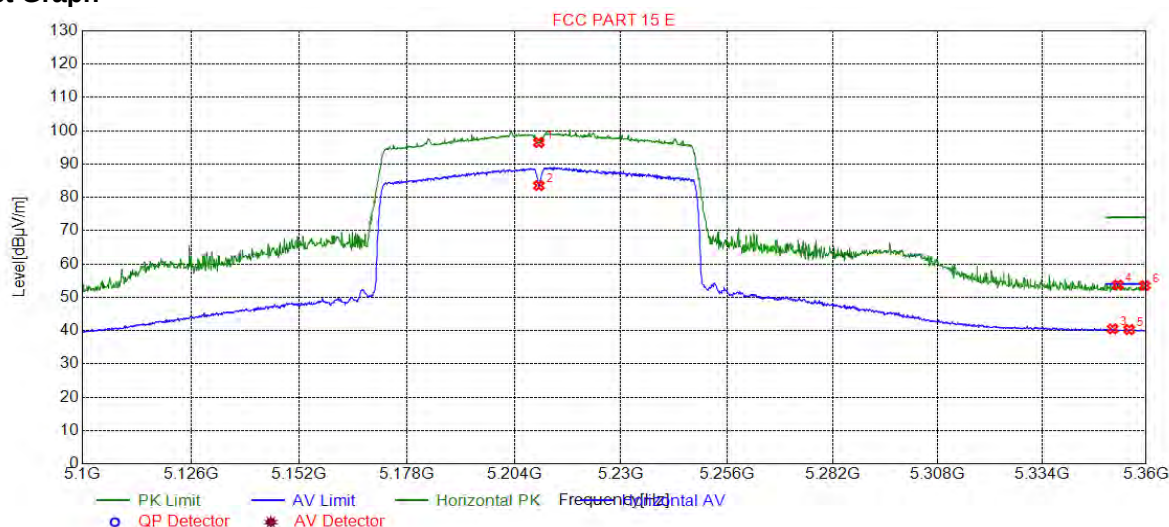
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3.10.1.93 802.11AC80_Channel 42

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.00	96.46	15.56	0.00	-96.46	194	344	Horizontal
2	5210.00	83.53	15.56	0.00	-83.53	155	344	Horizontal
3	5351.67	40.54	15.95	54.00	13.46	190	344	Horizontal
4	5352.97	53.72	15.96	74.00	20.28	164	344	Horizontal
5	5355.83	40.33	15.98	54.00	13.67	130	344	Horizontal
6	5359.73	53.56	16.00	74.00	20.44	175	144	Horizontal

Final Data List



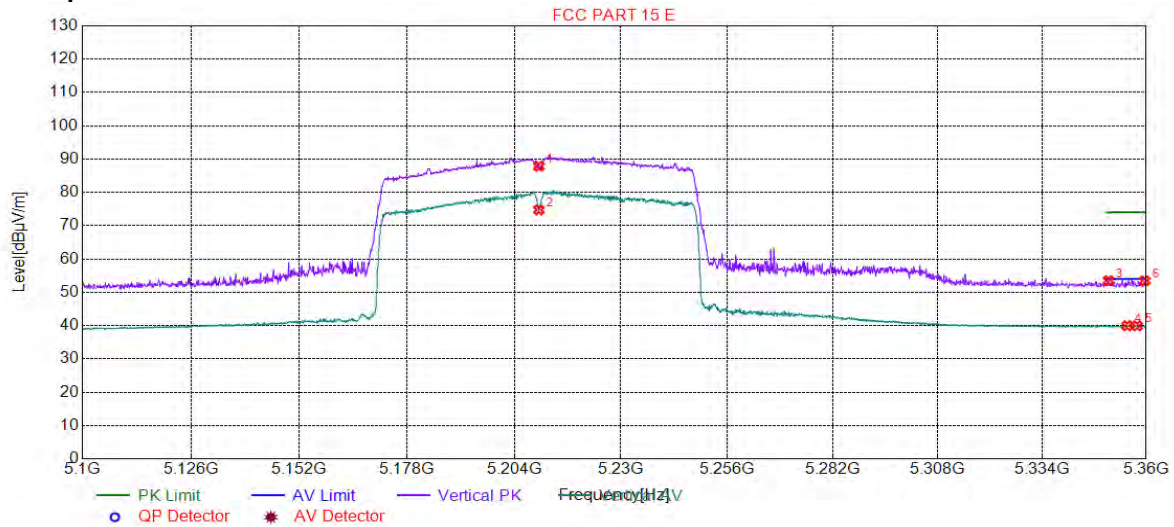
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3.10.1.94 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.00	87.84	15.56	0.00	-87.84	297	138	Vertical
2	5210.00	74.75	15.56	0.00	-74.75	195	145	Vertical
3	5350.63	53.55	15.94	74.00	20.45	283	42	Vertical
4	5355.31	40.00	15.97	54.00	14.00	285	164	Vertical
5	5357.78	39.95	15.99	54.00	14.05	180	213	Vertical
6	5359.73	53.48	16.00	74.00	20.52	186	323	Vertical

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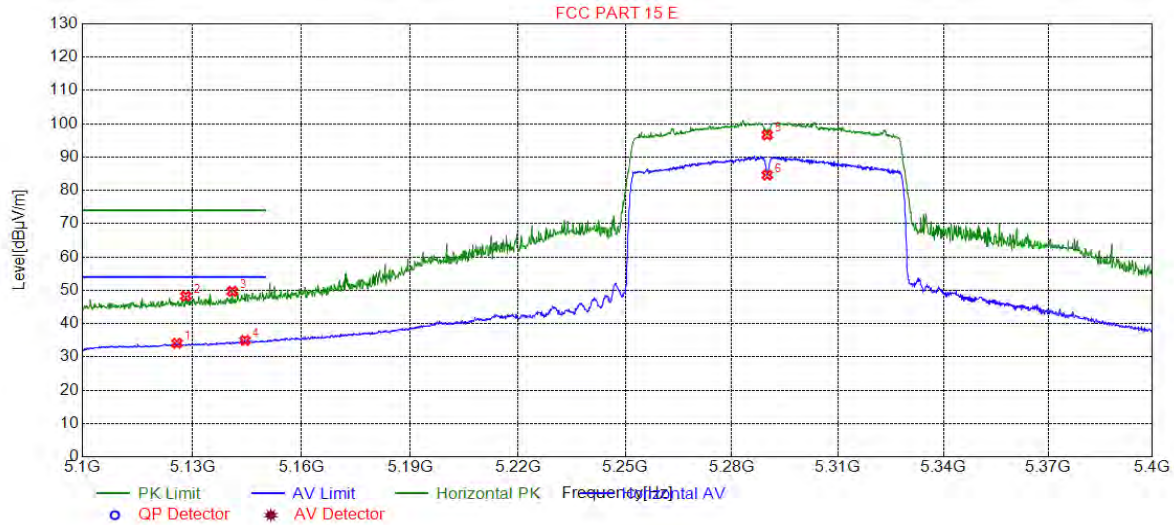
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3.10.1.95 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5125.81	34.11	15.31	54.00	19.89	108	0	Horizontal
2	5128.21	48.26	15.33	74.00	25.74	160	8	Horizontal
3	5140.97	49.69	15.44	74.00	24.31	223	344	Horizontal
4	5144.42	34.99	15.47	54.00	19.01	207	2	Horizontal
5	5290.00	96.63	15.65	0.00	-96.63	201	344	Horizontal
6	5290.00	84.59	15.65	0.00	-84.59	177	344	Horizontal

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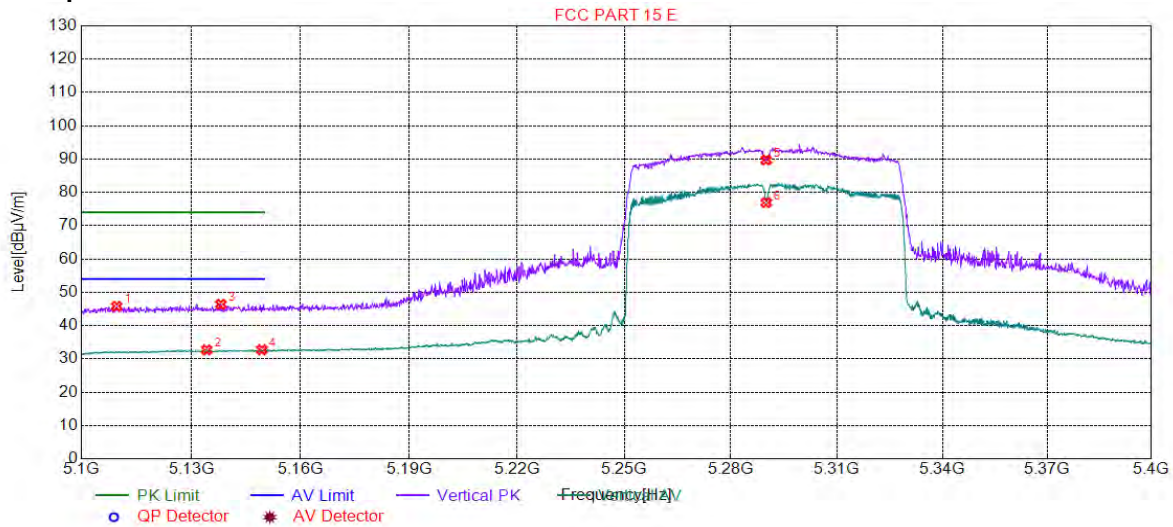
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3.10.1.96 802.11AC80_Channel 58

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5109.60	45.80	15.17	74.00	28.20	261	22	Vertical
2	5134.21	32.75	15.38	54.00	21.25	274	360	Vertical
3	5138.11	46.42	15.42	74.00	27.58	260	243	Vertical
4	5149.37	32.80	15.51	54.00	21.20	212	145	Vertical
5	5290.00	89.72	15.65	0.00	-89.72	165	152	Vertical
6	5290.00	76.95	15.65	0.00	-76.95	244	145	Vertical

Final Data List

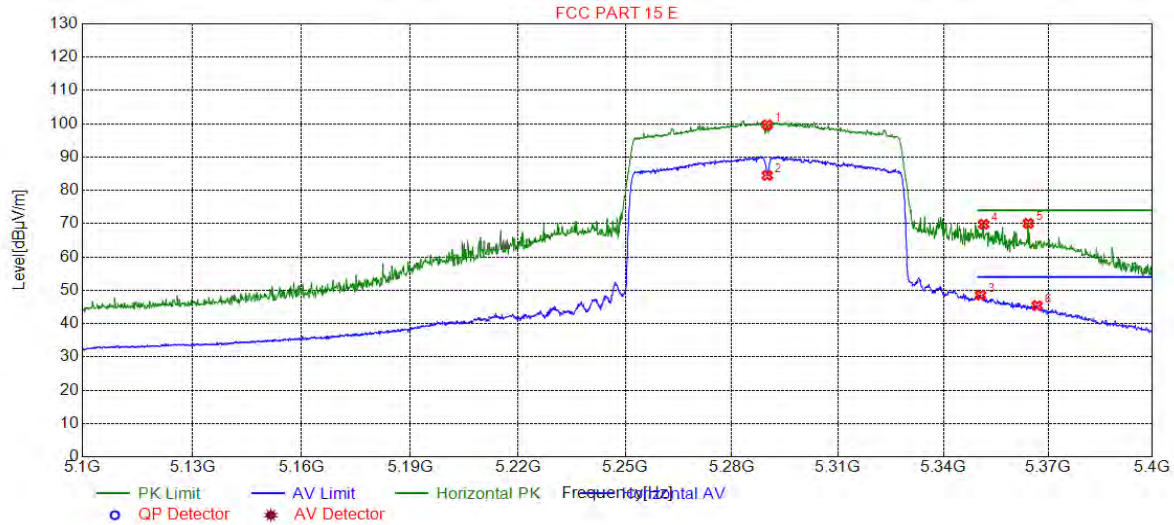


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3.10.1.97 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.00	99.70	15.65	0.00	-99.70	234	344	Horizontal
2	5290.00	84.49	15.65	0.00	-84.49	234	344	Horizontal
3	5350.62	48.58	15.94	54.00	5.42	145	344	Horizontal
4	5351.52	69.85	15.95	74.00	4.15	174	344	Horizontal
5	5364.28	70.10	16.03	74.00	3.90	132	332	Horizontal
6	5366.83	45.43	16.04	54.00	8.57	221	344	Horizontal

Final Data List

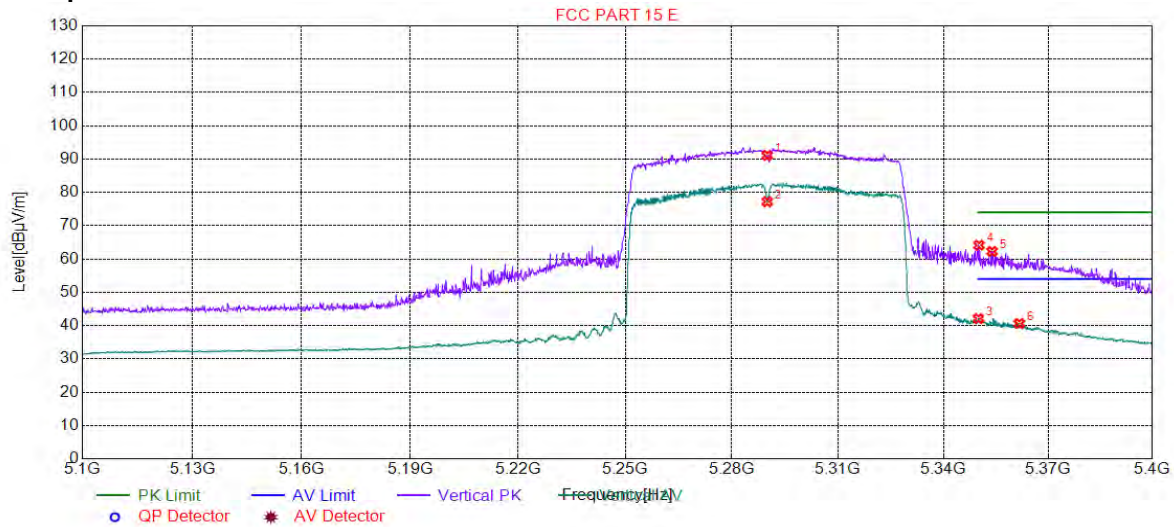


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3.10.1.98 802.11AC80_Channel 58

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.00	91.12	15.65	0.00	-91.12	157	167	Vertical
2	5290.00	77.21	15.65	0.00	-77.21	206	251	Vertical
3	5350.02	42.13	15.94	54.00	11.87	260	160	Vertical
4	5350.17	64.17	15.94	74.00	9.83	195	64	Vertical
5	5353.92	62.29	15.96	74.00	11.71	271	50	Vertical
6	5361.73	40.66	16.01	54.00	13.34	270	160	Vertical

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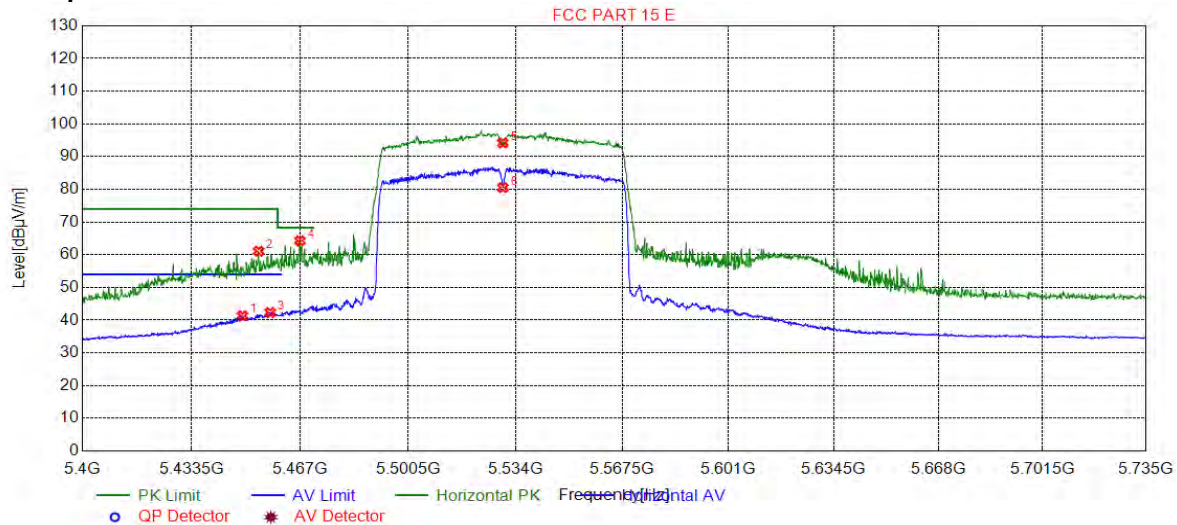
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3.10.1.99 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.10	41.36	16.25	54.00	12.64	189	344	Horizontal
2	5454.12	61.11	16.25	74.00	12.89	148	344	Horizontal
3	5457.64	42.34	16.25	54.00	11.66	159	344	Horizontal
4	5466.86	64.27	16.25	68.30	4.03	100	0	Horizontal
5	5530.00	94.22	16.35	0.00	-94.22	177	317	Horizontal
6	5530.00	80.53	16.35	0.00	-80.53	209	338	Horizontal

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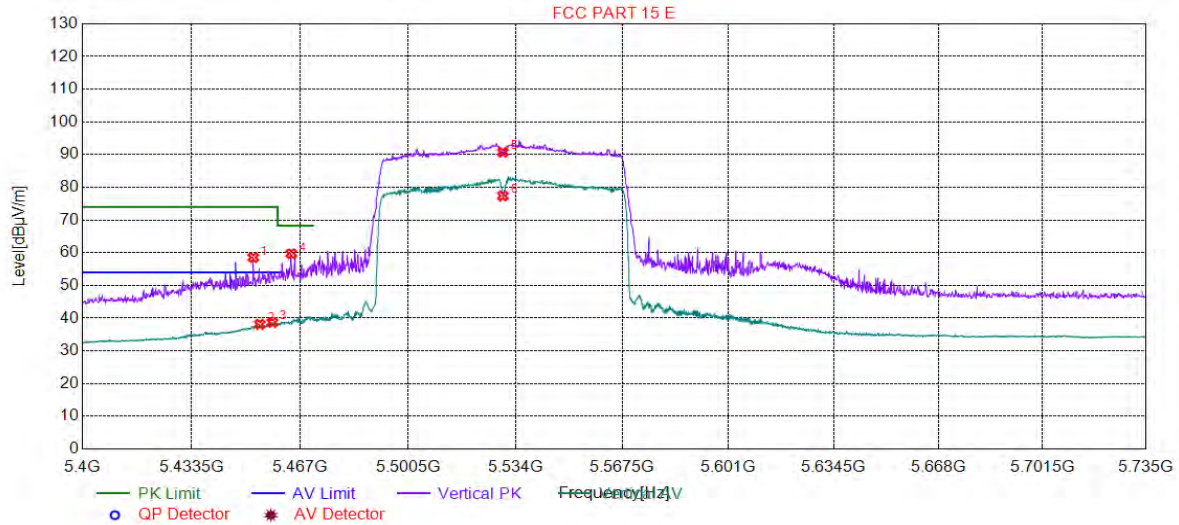
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3.10.1.100 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.45	58.55	16.25	74.00	15.45	253	104	Vertical
2	5454.46	38.14	16.25	54.00	15.86	204	159	Vertical
3	5458.31	38.70	16.25	54.00	15.30	171	249	Vertical
4	5464.18	59.75	16.25	68.30	8.55	204	29	Vertical
5	5530.00	90.75	16.35	0.00	-90.75	231	50	Vertical
6	5530.00	77.41	16.35	0.00	-77.41	194	159	Vertical

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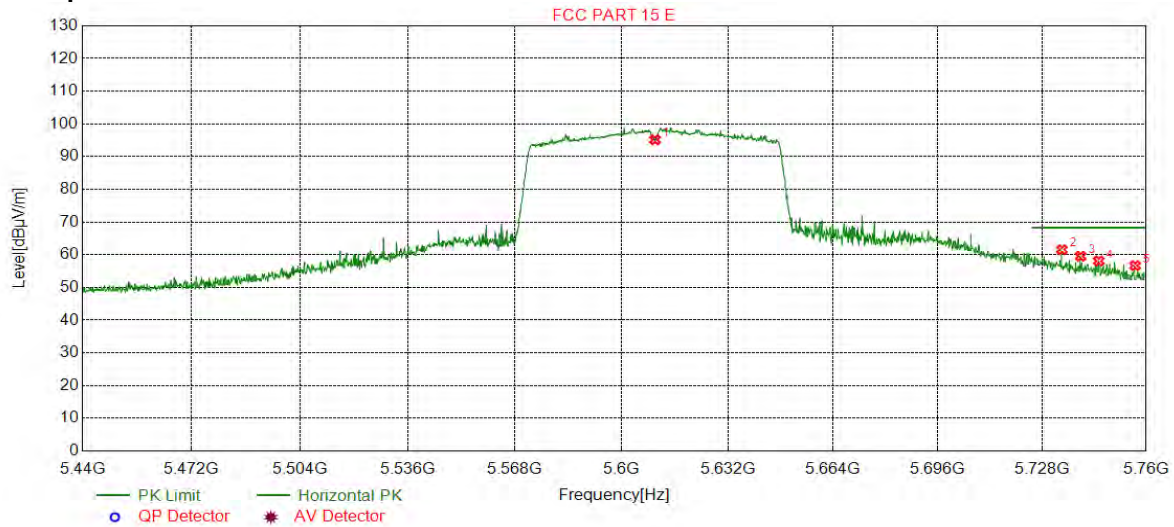
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3.10.1.101 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.00	95.16	16.58	0.00	-95.16	134	335	Horizontal
2	5734.06	61.55	17.02	68.30	6.75	228	312	Horizontal
3	5739.82	59.56	17.05	68.30	8.74	132	6	Horizontal
4	5745.43	58.12	17.09	68.30	10.18	174	344	Horizontal
5	5756.63	56.69	17.13	68.30	11.61	168	344	Horizontal

Final Data List



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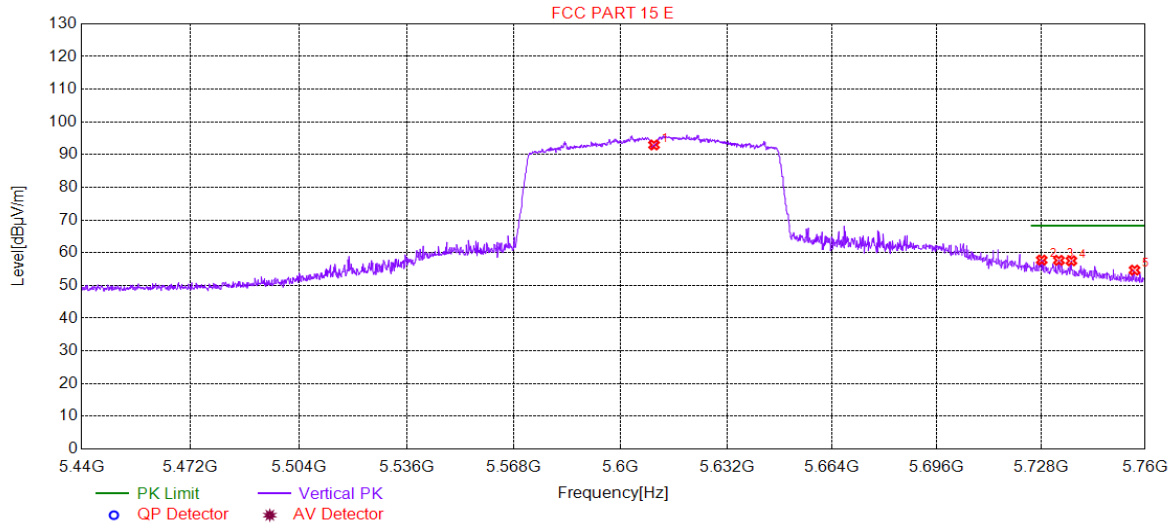
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3.10.1.102 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.00	92.97	16.58	0.00	-92.97	205	163	Vertical
2	5728.14	57.78	16.98	68.30	10.52	197	293	Vertical
3	5733.42	57.69	17.01	68.30	10.61	166	163	Vertical
4	5737.26	57.55	17.04	68.30	10.75	226	144	Vertical
5	5756.79	54.70	17.13	68.30	13.60	173	29	Vertical

Final Data List

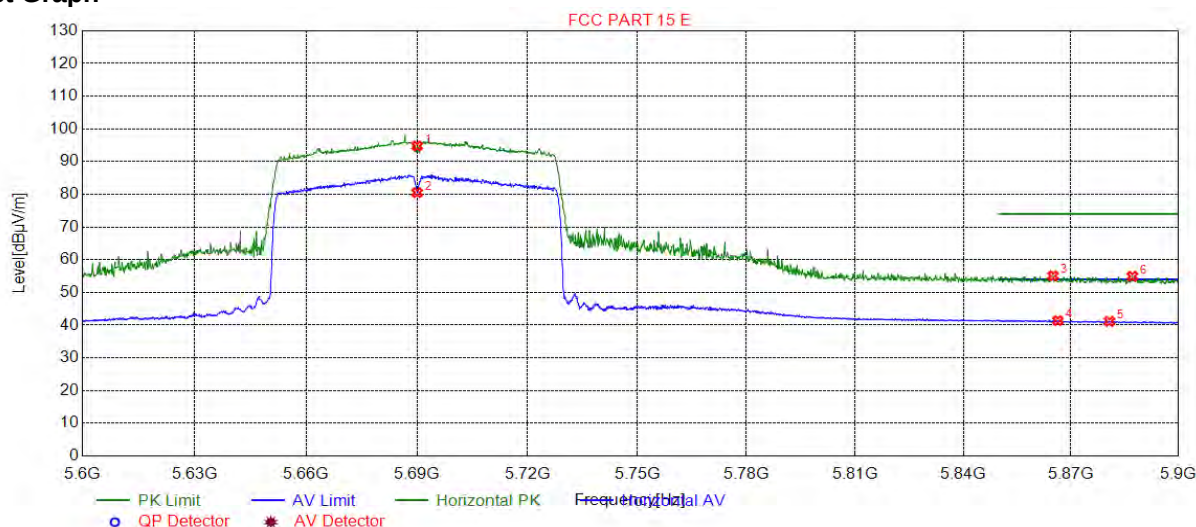


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3.10.1.103 802.11AC80_Channel 138

Test Graph



Suspected List

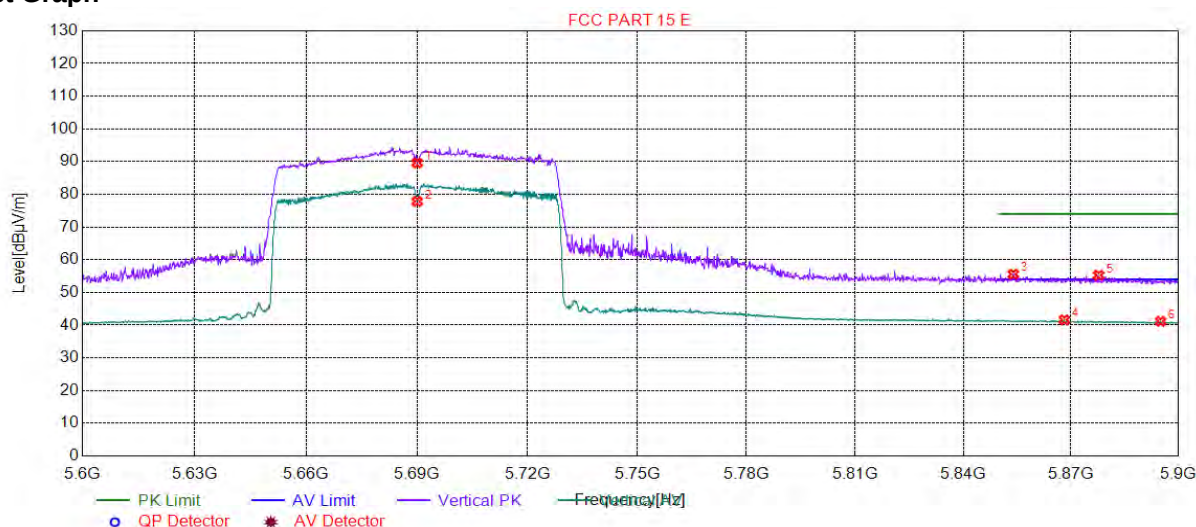
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5690.00	94.77	16.75	0.00	-94.77	208	344	Horizontal
2	5690.00	80.53	16.75	0.00	-80.53	177	323	Horizontal
3	5865.03	55.11	17.21	74.00	18.89	158	337	Horizontal
4	5866.38	41.41	17.21	54.00	12.59	122	14	Horizontal
5	5880.79	41.17	17.17	54.00	12.83	135	130	Horizontal
6	5887.24	54.95	17.15	74.00	19.05	106	234	Horizontal

Final Data List



3.10.1.104 802.11AC80_Channel 138

Test Graph



Suspected List

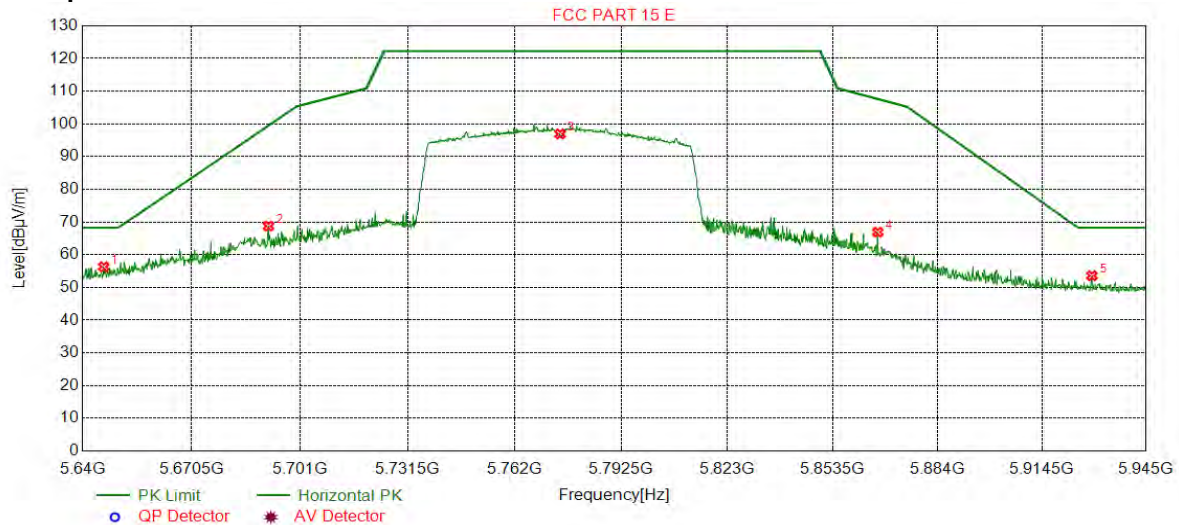
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5690.00	89.61	16.75	0.00	-89.61	293	35	Vertical
2	5690.00	77.86	16.75	0.00	-77.86	162	250	Vertical
3	5853.92	55.60	17.25	74.00	18.40	172	299	Vertical
4	5868.18	41.63	17.21	54.00	12.37	181	152	Vertical
5	5877.78	55.28	17.18	74.00	18.72	162	62	Vertical
6	5895.19	41.17	17.12	54.00	12.83	184	49	Vertical

Final Data List



3.10.1.105 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.95	56.34	16.53	68.30	11.96	126	298	Horizontal
2	5692.18	68.79	16.76	99.51	30.72	141	7	Horizontal
3	5775.00	96.95	17.16	122.30	25.35	127	331	Horizontal
4	5866.57	66.91	17.21	107.66	40.75	107	335	Horizontal
5	5929.13	53.60	17.56	68.30	14.70	112	331	Horizontal

Final Data List

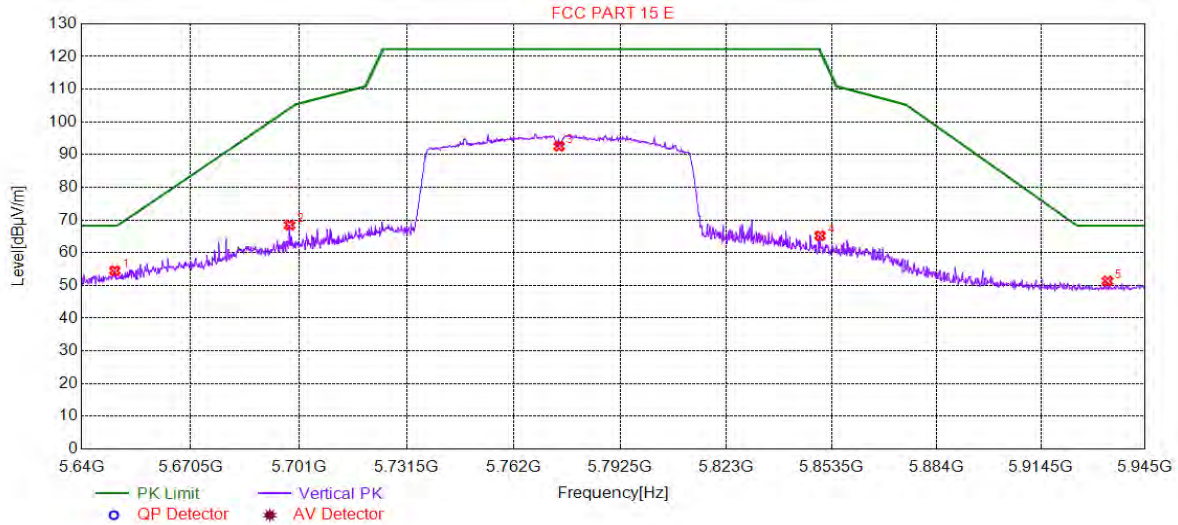


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3.10.1.106 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5649.30	54.54	16.53	68.30	13.76	257	140	Vertical
2	5698.43	68.47	16.79	104.14	35.67	239	254	Vertical
3	5775.00	92.57	17.16	122.30	29.73	230	245	Vertical
4	5850.09	65.22	17.26	122.08	56.86	274	93	Vertical
5	5934.01	51.35	17.63	68.30	16.95	264	227	Vertical

Final Data List



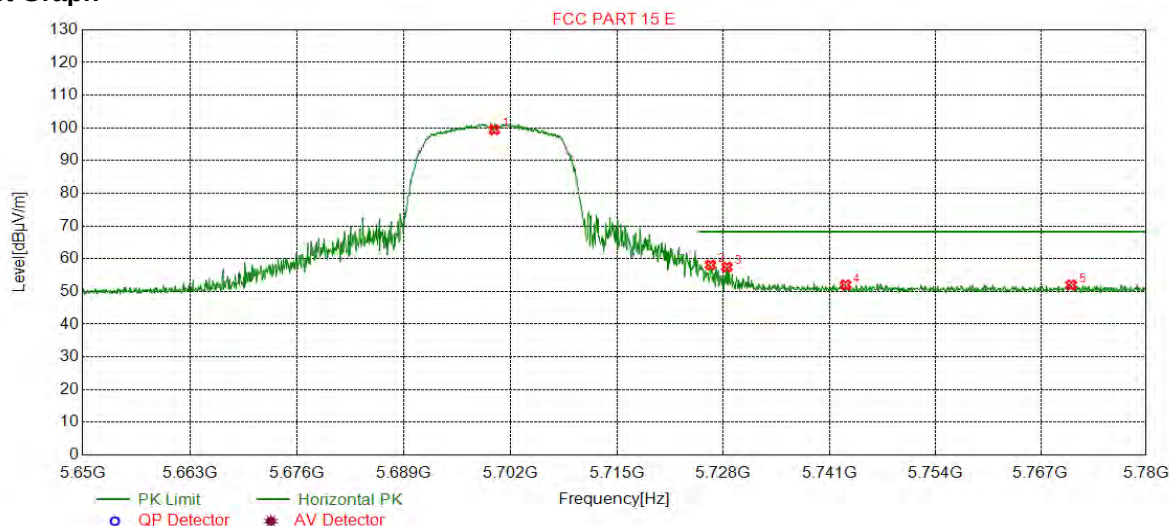
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Test on the worst case:

3.10.1.107 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	99.41	16.80	0.00	-99.41	112	213	Horizontal
2	5726.41	58.10	16.97	68.30	10.20	109	251	Horizontal
3	5728.42	57.49	16.98	68.30	10.81	131	346	Horizontal
4	5742.99	52.02	17.08	68.30	16.28	247	16	Horizontal
5	5770.76	52.02	17.15	68.30	16.28	217	208	Horizontal

Final Data List



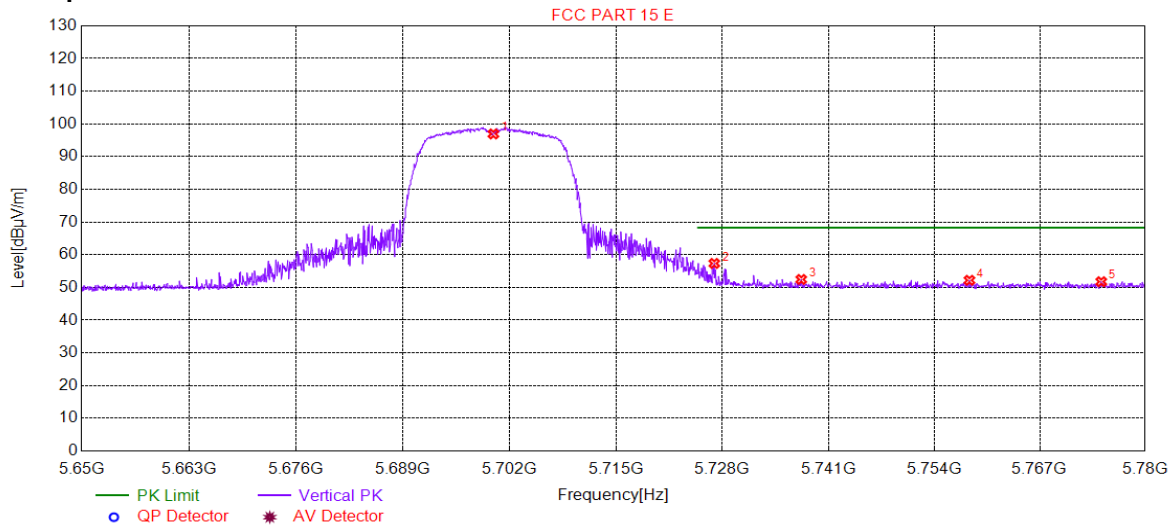
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3.10.1.108 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	96.95	16.80	0.00	-96.95	165	241	Vertical
2	5726.99	57.36	16.97	68.30	10.94	158	254	Vertical
3	5737.66	52.46	17.04	68.30	15.84	205	245	Vertical
4	5758.34	52.20	17.13	68.30	16.10	247	268	Vertical
5	5774.60	51.77	17.15	68.30	16.53	254	195	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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3.11 Frequencies Stability

3.11.1 Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)	
	5180	5825
V nom(V)	5180.005286	5825.004291
V max(V)	5180.007935	5825.007229
V min(V)	5180.017541	5825.014933
Max. Deviation Frequency	0.017541	0.014933
Max. Frequency Error (ppm)	3.386349	2.563672

3.11.2 Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)	
	5180	5825
-5	5180.003503	5825.006070
5	5180.012403	5825.009007
15	5180.016246	5825.013683
25	5180.021083	5825.017991
35	5180.028872	5825.026206
45	5180.034291	5825.034004
50	5180.043380	5825.043494
Max. Deviation Frequency	0.043380	0.043494
Max. Frequency Error (ppm)	8.374421	7.466771



3.12 Dynamic Frequency Selection

3.12.1 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.		



3.12.2 DFS Detection Thresholds

Table 3: DFS Detection Thresholds for Master Devices and Client Devices with Radar Detection

Maximum Transmit Power	Value (See Notes 1, 2, and 3)
EIRP $\geq$ 200 milliwatt	-64 dBm
EIRP < 200 milliwatt and power spectral density < 10 dBm/MHz	-62 dBm
EIRP < 200 milliwatt that do not meet the power spectral density requirement	-64 dBm
Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna. Note 2: Throughout these test procedures an additional 1 dB has been added to the amplitude of the test transmission waveforms to account for variations in measurement equipment. This will ensure that the test signal is at or above the detection threshold level to trigger a DFS response. Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.	

3.12.3 Response Requirements

Table 4: DFS Response Requirement Values

Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.

Note 1: *Channel Move Time* and the *Channel Closing Transmission Time* should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The *Channel Closing Transmission Time* is comprised of 200 milliseconds starting at the beginning of the *Channel Move Time* plus any additional intermittent control signals required to facilitate a *Channel* move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the *U-NII Detection Bandwidth* detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

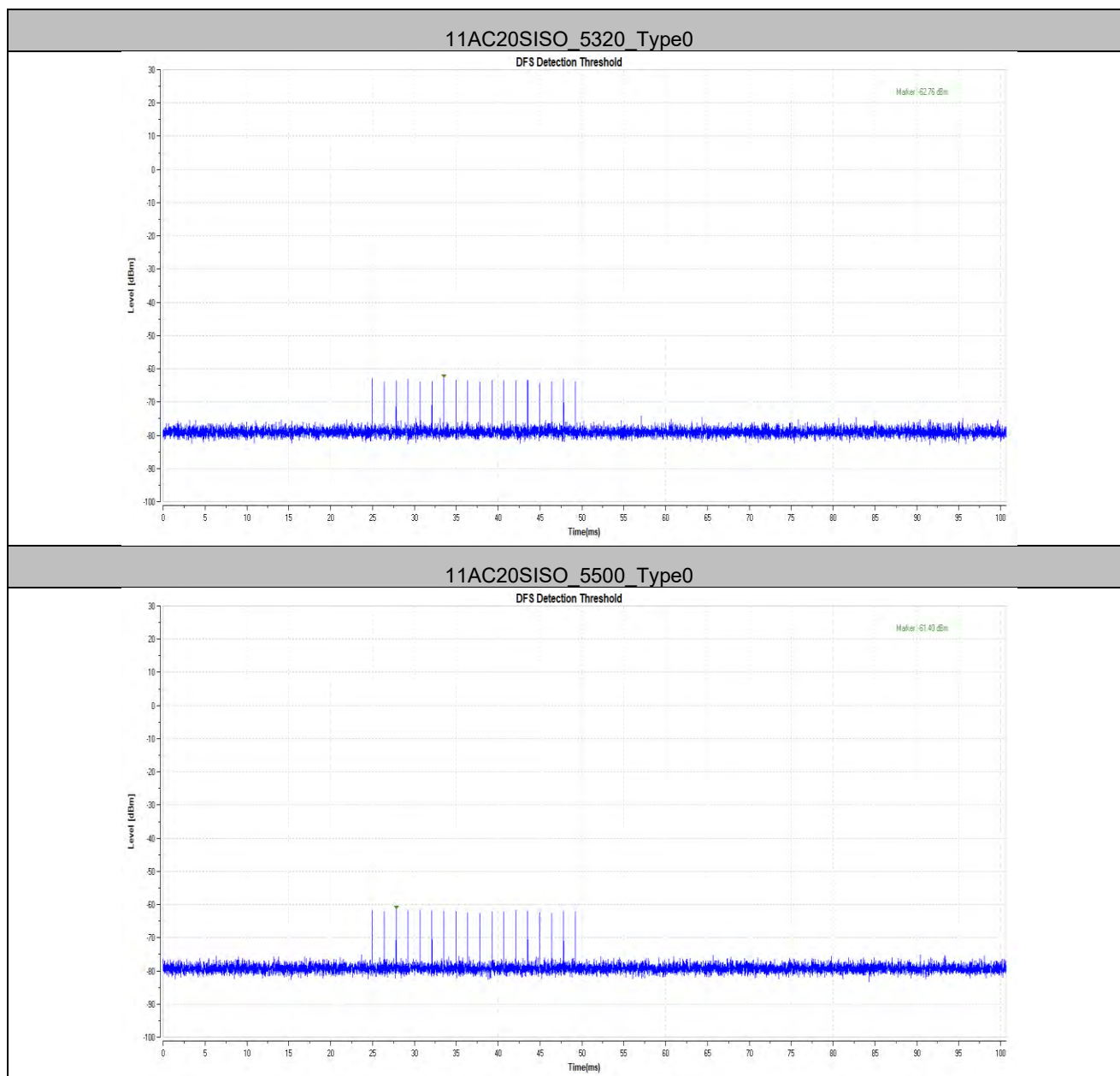
3.13 DFS Detection Thresholds

3.13.1 Test Result

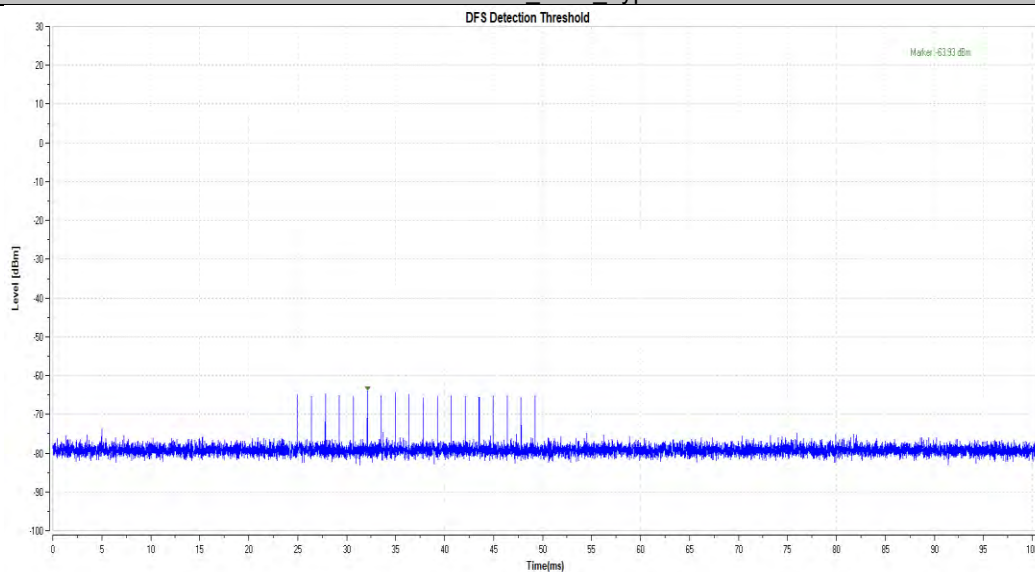
TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC20SISO	5320	Type0	-62.76	-61.00	PASS
	5500	Type0	-61.40	-61.00	PASS
11AC80SISO	5290	Type0	-63.93	-61.00	PASS
	5530	Type0	-61.11	-61.00	PASS



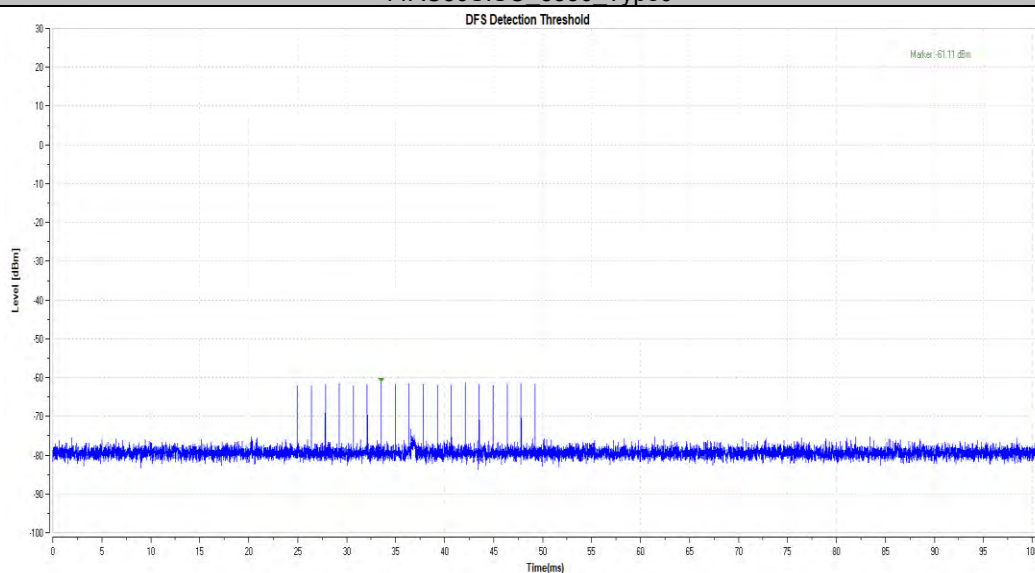
3.13.2 Test Graphs



11AC80SISO_5290_Type0



11AC80SISO_5530_Type0





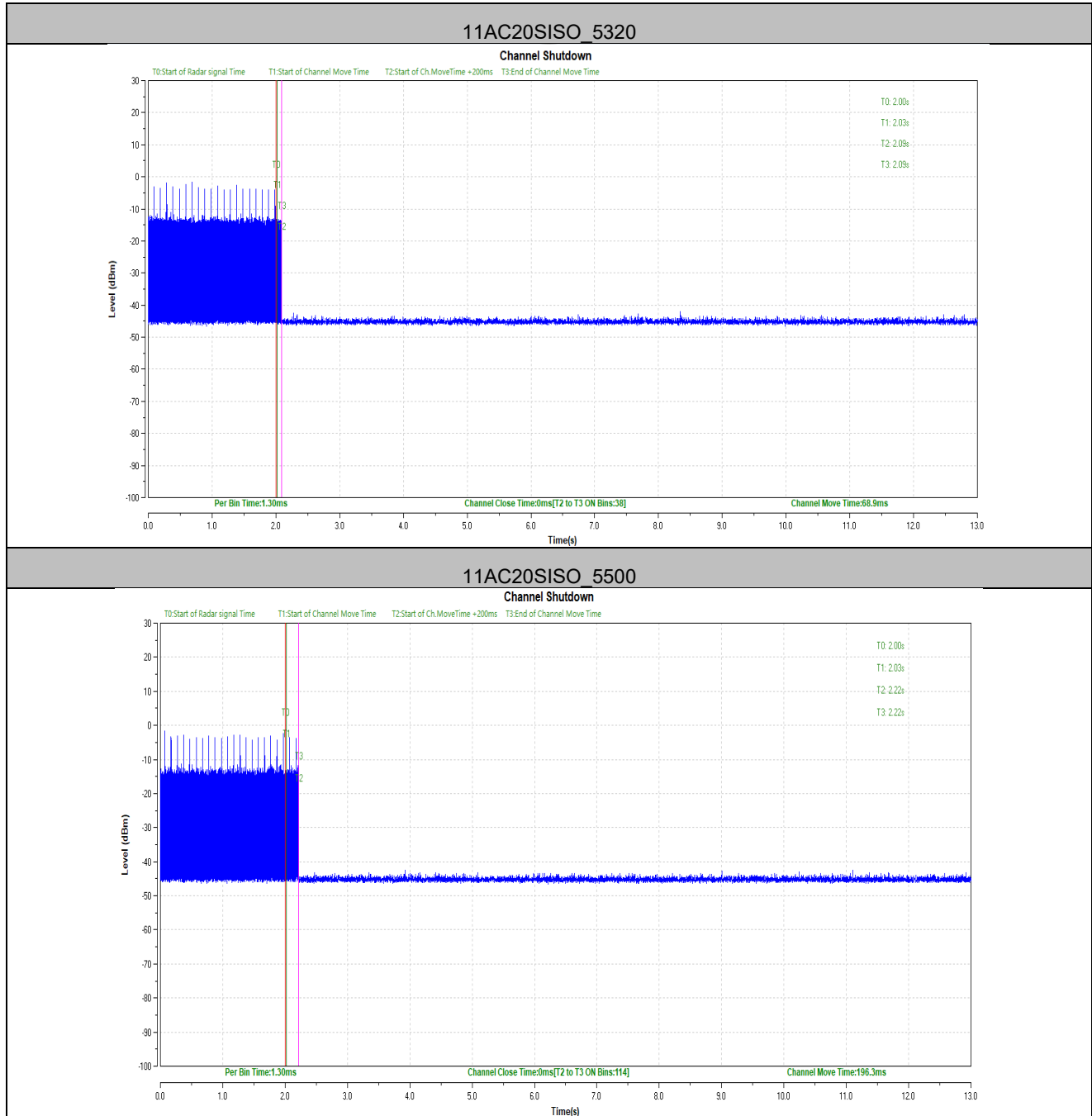
3.14 Channel Move Time and Channel Closing Transmission Time

3.14.1 Test Result

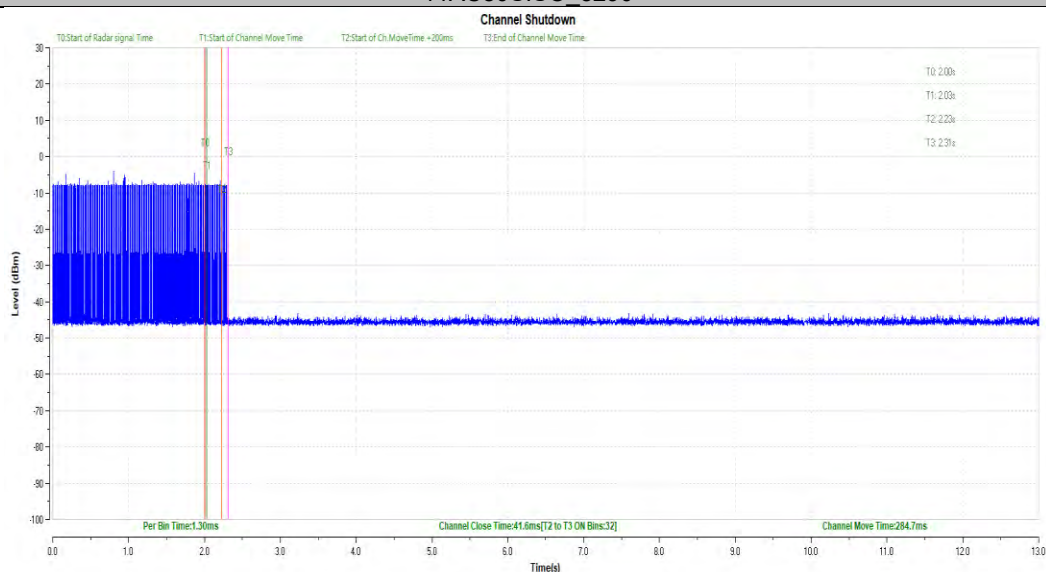
TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC20SISO	5320	0	60	68.9	10000	PASS
	5500	0	60	196.3	10000	PASS
11AC80SISO	5290	41.6	60	284.7	10000	PASS
	5530	0	60	392.6	10000	PASS



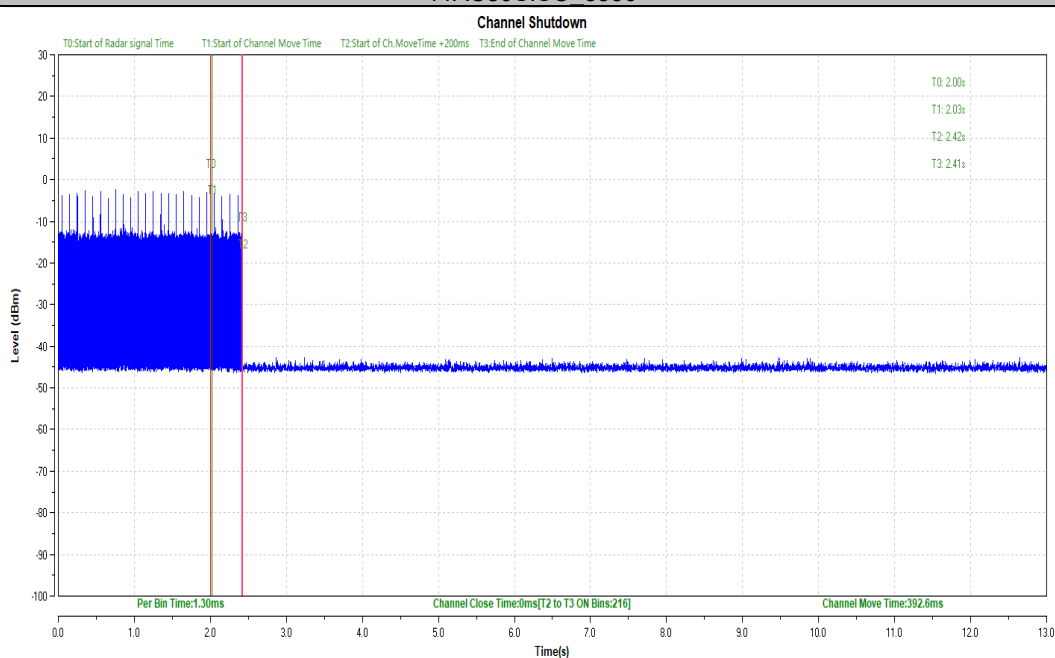
3.14.2 Test Graphs



11AC80SISO_5290



11AC80SISO_5530



3.15 Non-Occupancy Period

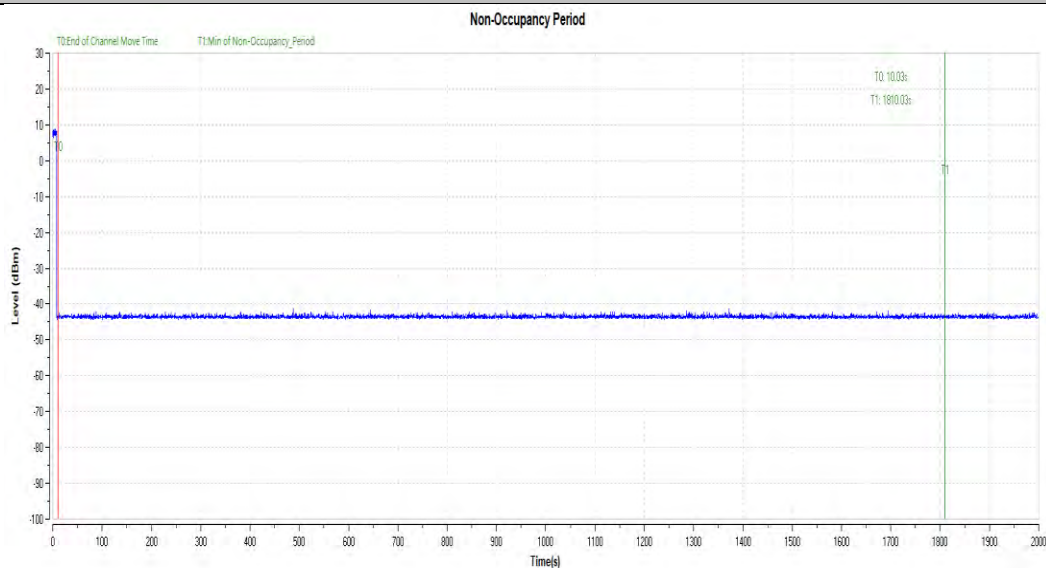
3.15.1 Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC20SISO	5320	see test graph	>=1800	PASS
	5500	see test graph	>=1800	PASS
11AC80SISO	5290	see test graph	>=1800	PASS
	5530	see test graph	>=1800	PASS

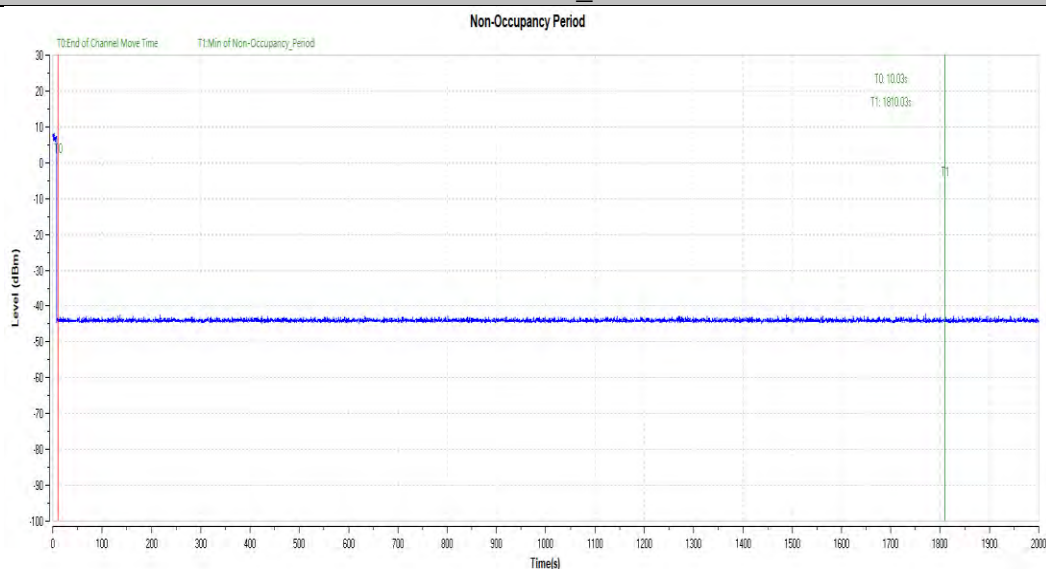


3.15.2 Test Graphs

11AC20SISO_5320

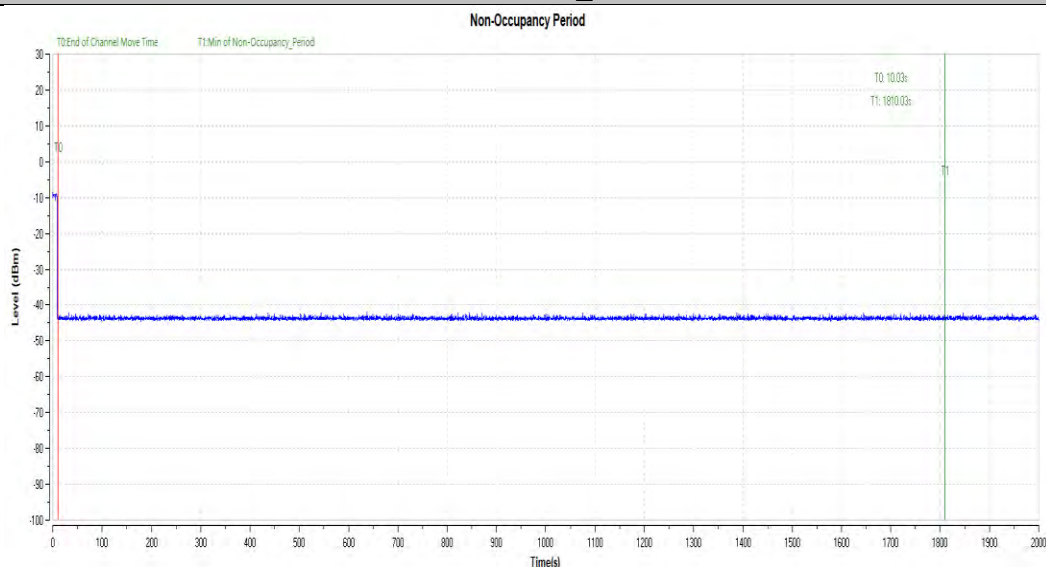


11AC20SISO_5500

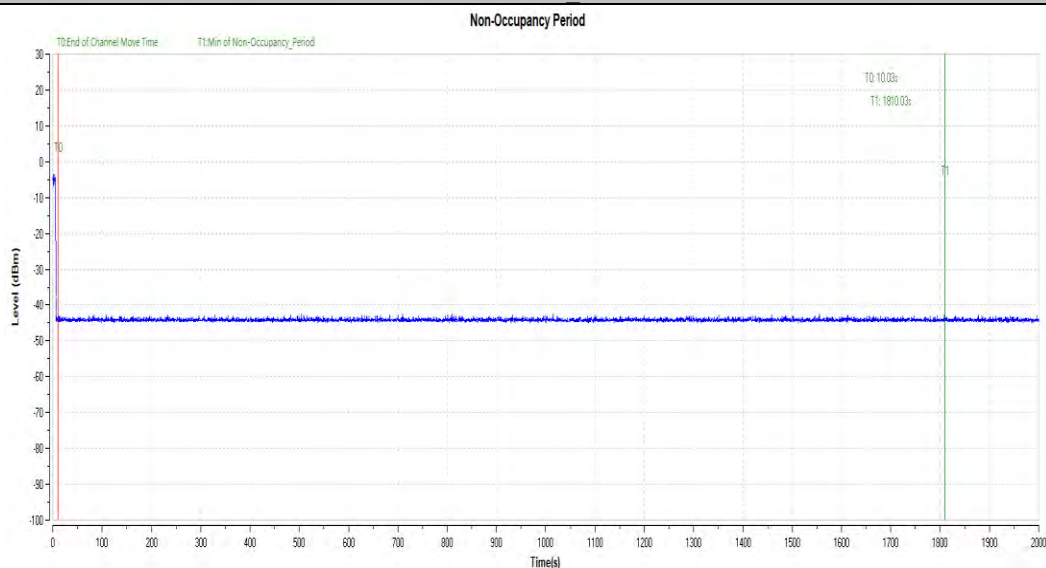




11AC80SISO_5290



11AC80SISO_5530





4 Measurement Uncertainty (95% confidence levels, k=2)

Lab A:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	$\pm 0.75\text{dB}$
2	RF power density, conducted	$\pm 2.84\text{dB}$
3	Spurious emissions, conducted	$\pm 0.75\text{dB}$
4	Temperature test	$\pm 1^{\circ}\text{C}$
5	Humidity test	$\pm 3\%$
6	DC and low frequency voltages	$\pm 0.5\%$

Lab B:

No.	Item	Measurement Uncertainty
1	Conduct emission test	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
2	Radiated Spurious emission test	$\pm 4.8\text{dB}$ (Below 1GHz)
		$\pm 4.8\text{dB}$ (1GHz to 6GHz)
		$\pm 4.5\text{dB}$ (6GHz to 18GHz)
		$\pm 5.02\text{dB}$ (Above 18GHz)





5 Equipment List

RF conducted test					
Test Equipment	Manufacturer	Model No.	Inventory No.	Cal. Date (yyyy-mm-dd)	Cal. Due date (yyyy-mm-dd)
DC Power Supply	ZhaoXin	RXN-305D	SEM011-02	2020/7/14	2021/7/14
Signal Analyzer	Rohde & Schwarz	FSV	W025-05	2020/3/2	2021/3/1
Coaxial Cable	SGS	N/A	SEM031-01	2020/6/12	2021/6/11
Attenuator	Weinschel Associates	WA41	SEM021-09	N/A	N/A
Signal Generator	KEYSIGHT	N5173B	SEM006-05	2020/7/14	2021/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2019/10/27	2020/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2020/7/14	2021/7/14
Master Device	Linksys pte.Ltd	WRT32X	FCC ID:Q87-WRT3200ACM IC ID:3839A-WRT3200ACM	N/A	N/A

CE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Shielding Room	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2020-09-11	2021-09-10
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-01	2020-08-04	2021-08-03
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2019-12-06	2020-12-05
Measurement Software	Tonscend	TS+ CE V2.5	XAW02-05-02	NCR	NCR





RSE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
MXA signal analyzer	Keysight	N9020A	XAW01-06-01	2020-04-02	2021-04-01
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2020-09-11	2021-09-10
Receiving antenna (30MHz-3GHz)	Schwarzbeck	VULB 9163	XAW01-09-01	2019-10-13	2021-10-12
Receiving antenna (1GHz~18GHz)	Schwarzbeck	BBHA 9120D	XAW01-09-02	2019-10-13	2021-10-12
Receiving antenna (15GHz~40GHz)	Schwarzbeck	BBHA 9170	XAW01-09-03	2019-10-13	2021-10-12
Directional antenna rack controller	Max-Full	MF-7802BS	XAW03-03-01	NCR	NCR
High-speed antenna rack controller	Max-Full	MF-7802	XAW03-04-01	NCR	NCR
Filter bank	Tonscend	JS0806-F	XAW03-05-01	NCR	NCR
Filter bank	Tonscend	JS0806s	XAW03-05-02	NCR	NCR
Amplifier	Tonscend	TAP00903040	XAW01-41-01	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP01018048	XAW01-41-02	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP18040048	XAW01-41-03	2019-12-03	2020-12-02
Amplifier	Shanghai Steed	YX28980930	XAW01-41-06	2019-11-18	2020-11-17
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2019-12-06	2020-12-05
Measurement Software	Tonscend	TS+ RSE V3.0.0.2	XAW02-05-01	NCR	NCR





6 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for AR/2020/A0003.

The End

