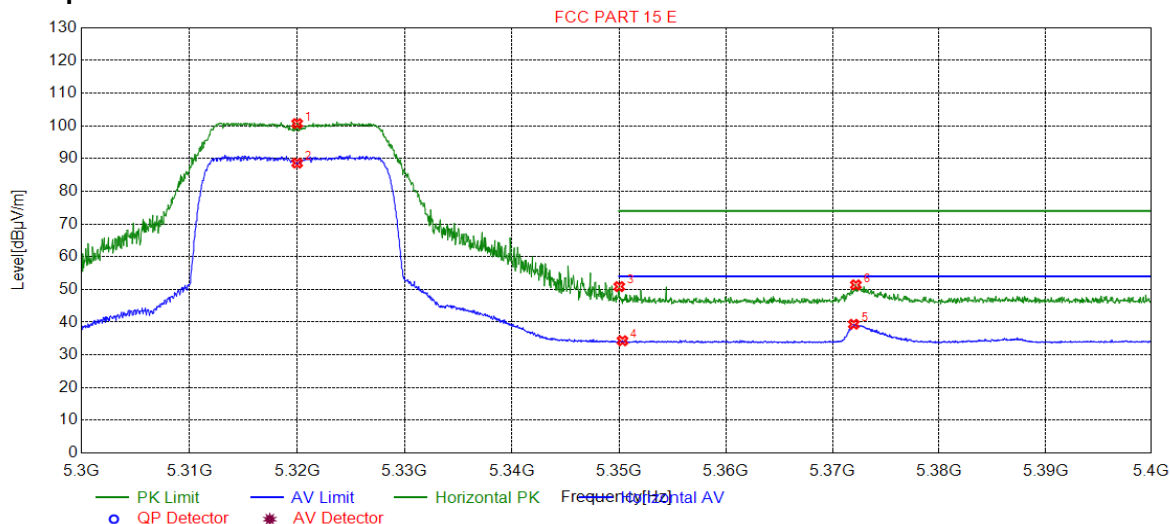


4.10.1.23 802.11N20_CH64

Test Report

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	100.73	15.80	0.00	-100.73	130	344	Horizontal
2	5320.00	88.64	15.80	0.00	-88.64	190	344	Horizontal
3	5350.02	50.88	15.94	74.00	23.12	144	351	Horizontal
4	5350.32	34.33	15.94	54.00	19.67	195	32	Horizontal
5	5371.98	39.37	16.08	54.00	14.63	210	344	Horizontal
6	5372.18	51.41	16.08	74.00	22.59	233	162	Horizontal

Final Data List



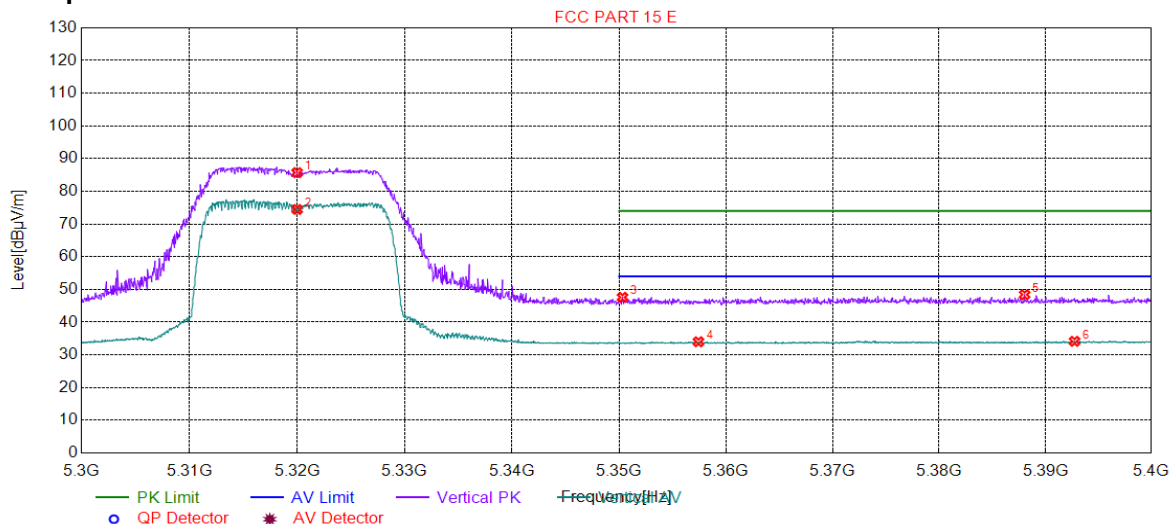
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4.10.1.24 802.11N20_CH64

Test Report

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	85.74	15.80	0.00	-85.74	267	334	Vertical
2	5320.00	74.47	15.80	0.00	-74.47	194	235	Vertical
3	5350.32	47.61	15.94	74.00	26.39	160	275	Vertical
4	5357.42	34.02	15.99	54.00	19.98	275	334	Vertical
5	5388.04	48.42	16.18	74.00	25.58	208	182	Vertical
6	5392.74	34.16	16.21	54.00	19.84	191	235	Vertical

Final Data List



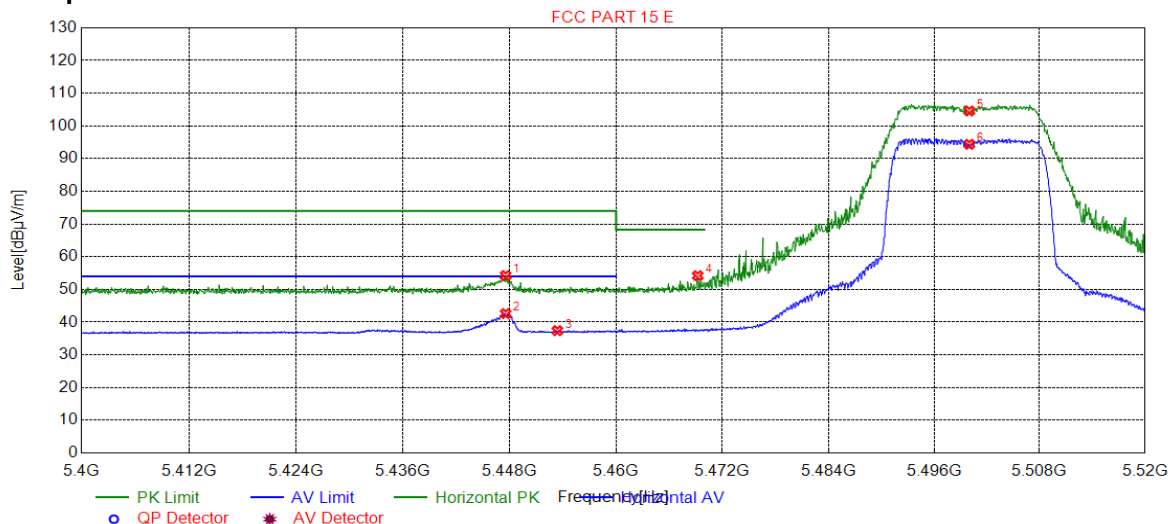
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4.10.1.25 802.11N20_CH100

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5447.54	54.25	16.25	74.00	19.75	117	358	Horizontal
2	5447.54	42.62	16.25	54.00	11.38	196	344	Horizontal
3	5453.36	37.42	16.25	54.00	16.58	118	161	Horizontal
4	5469.21	54.22	16.25	68.30	14.08	135	161	Horizontal
5	5500.00	104.58	16.25	0.00	-104.58	249	350	Horizontal
6	5500.00	94.39	16.25	0.00	-94.39	136	344	Horizontal

Final Data List



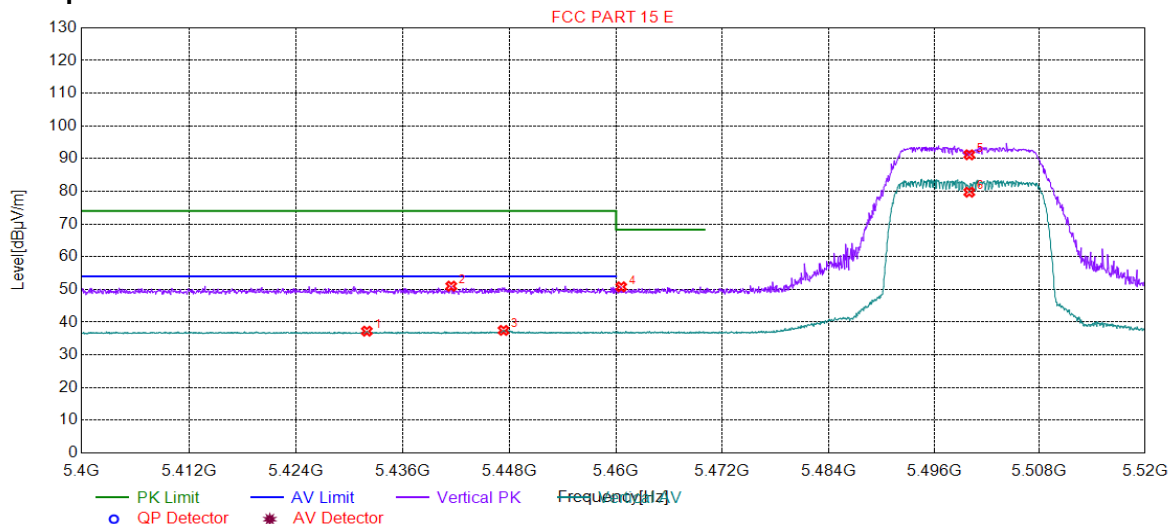
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4.10.1.26 802.11N20_CH100

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5431.93	37.26	16.25	54.00	16.74	162	344	Vertical
2	5441.42	51.02	16.25	74.00	22.98	160	300	Vertical
3	5447.30	37.50	16.25	54.00	16.50	177	172	Vertical
4	5460.57	50.82	16.25	68.30	17.48	219	14	Vertical
5	5500.00	91.18	16.25	0.00	-91.18	240	172	Vertical
6	5500.00	79.75	16.25	0.00	-79.75	257	285	Vertical

Final Data List



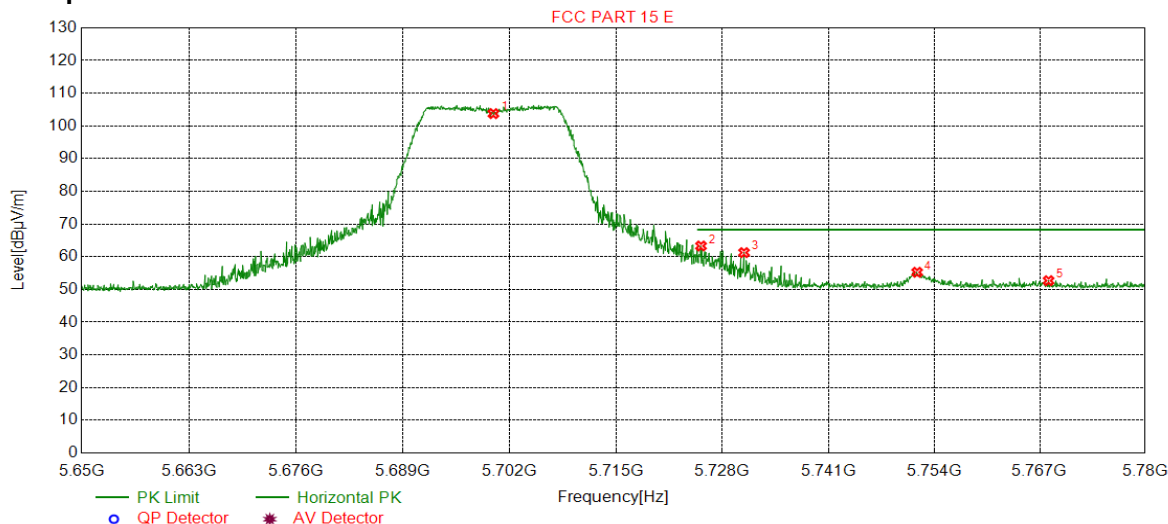
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4.10.1.27 802.11N20_CH140

Test Report

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	103.77	16.80	0.00	-103.77	128	355	Horizontal
2	5725.37	63.30	16.96	68.30	5.00	188	38	Horizontal
3	5730.64	61.27	17.00	68.30	7.03	185	355	Horizontal
4	5751.90	55.26	17.12	68.30	13.04	153	360	Horizontal
5	5768.09	52.69	17.15	68.30	15.61	153	355	Horizontal

Final Data List



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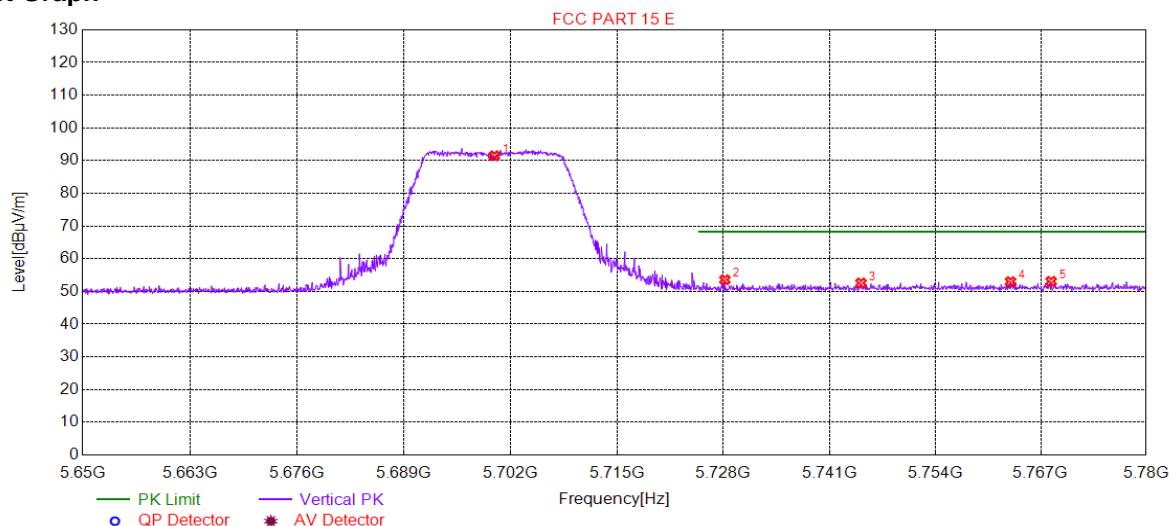
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4.10.1.28 802.11N20_CH140

Test Report

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	91.49	16.80	0.00	-91.49	267	14	Vertical
2	5728.16	53.59	16.98	68.30	14.71	220	0	Vertical
3	5744.88	52.60	17.09	68.30	15.70	230	135	Vertical
4	5763.28	53.01	17.14	68.30	15.29	163	155	Vertical
5	5768.29	53.10	17.15	68.30	15.20	243	181	Vertical

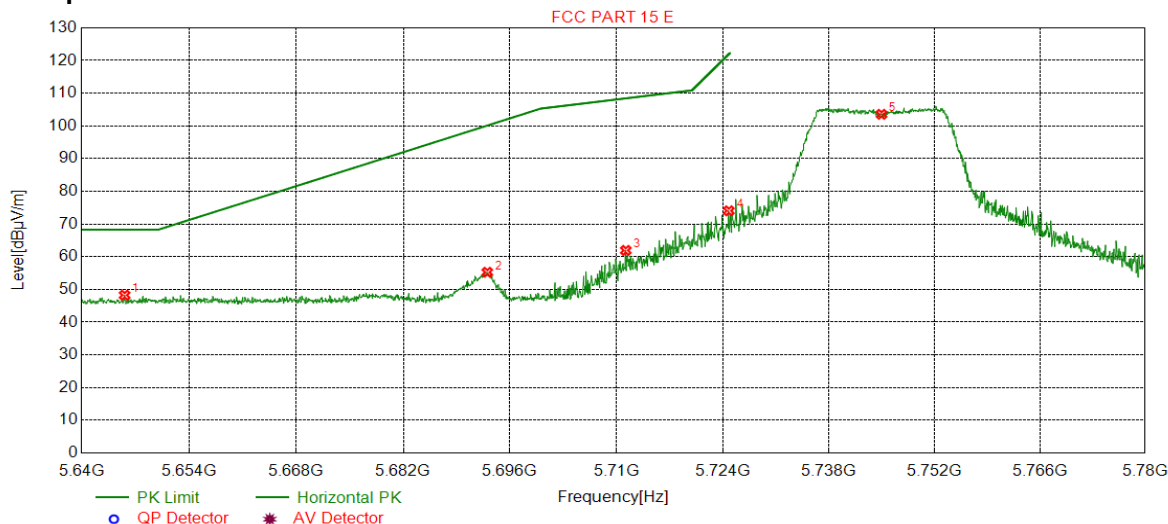
Final Data List



4.10.1.29 802.11N20_CH149

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.60	48.26	16.54	68.30	20.04	169	15	Horizontal
2	5693.01	55.27	16.76	100.13	44.86	239	347	Horizontal
3	5711.22	61.96	16.87	108.44	46.48	122	342	Horizontal
4	5724.81	74.06	16.96	121.87	47.81	177	360	Horizontal
5	5745.00	103.56	17.09	0.00	-103.56	179	351	Horizontal

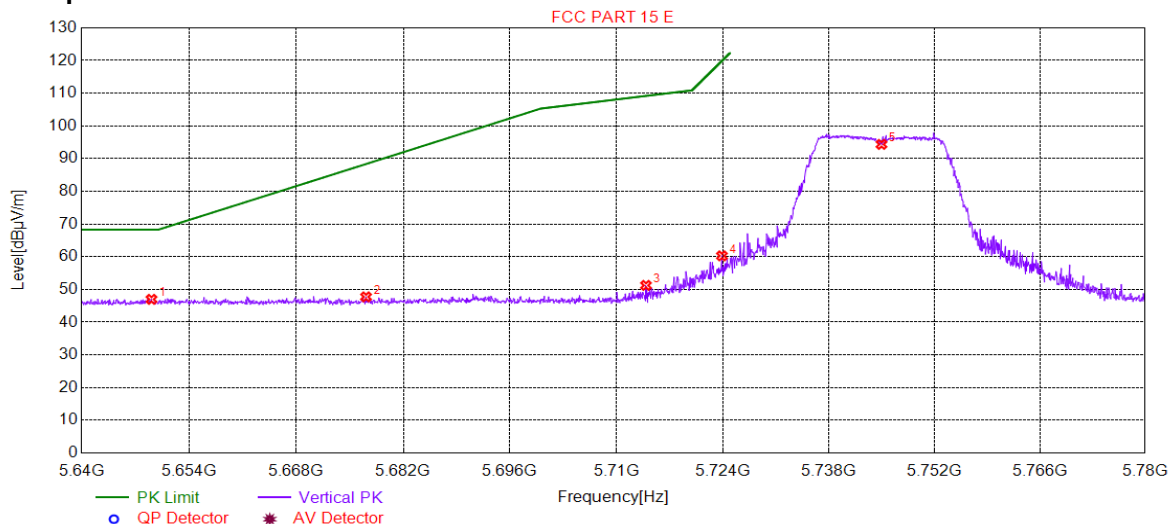
Final Data List



4.10.1.30 802.11N20_CH149

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5649.10	46.99	16.53	68.30	21.31	159	290	Vertical
2	5677.11	47.75	16.68	88.37	40.62	191	326	Vertical
3	5713.88	51.25	16.89	109.19	57.94	205	42	Vertical
4	5723.90	60.28	16.95	119.80	59.52	198	2	Vertical
5	5745.00	94.36	17.09	0.00	-94.36	260	345	Vertical

Final Data List



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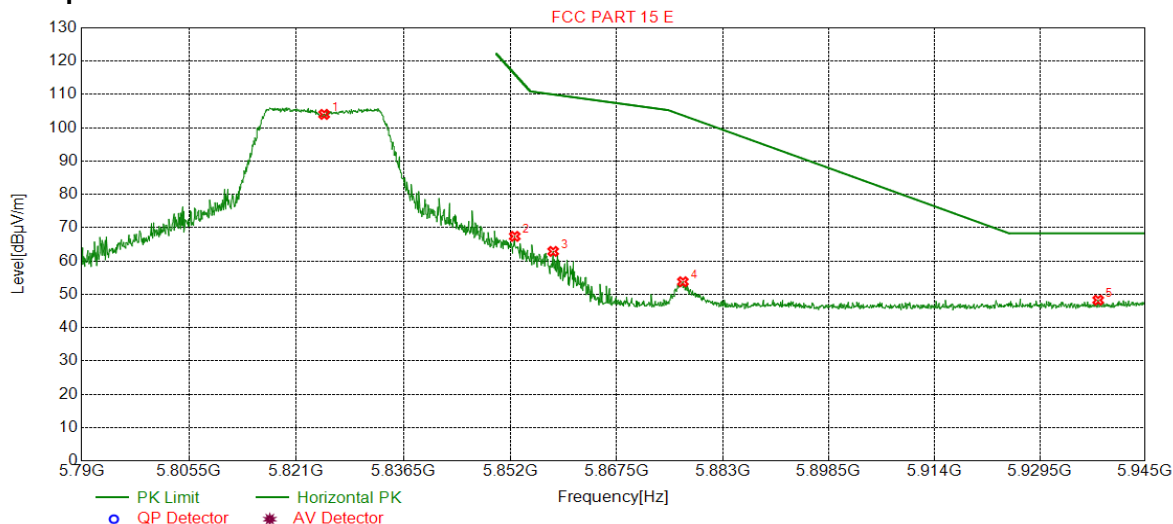
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4.10.1.31 802.11N20_CH165

Test Report

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	104.02	17.23	0.00	-104.02	114	15	Horizontal
2	5852.65	67.41	17.25	116.25	48.84	162	356	Horizontal
3	5858.23	62.89	17.24	109.99	47.10	163	356	Horizontal
4	5877.15	53.79	17.18	103.71	49.92	215	15	Horizontal
5	5938.09	48.27	17.70	68.30	20.03	143	306	Horizontal

Final Data List



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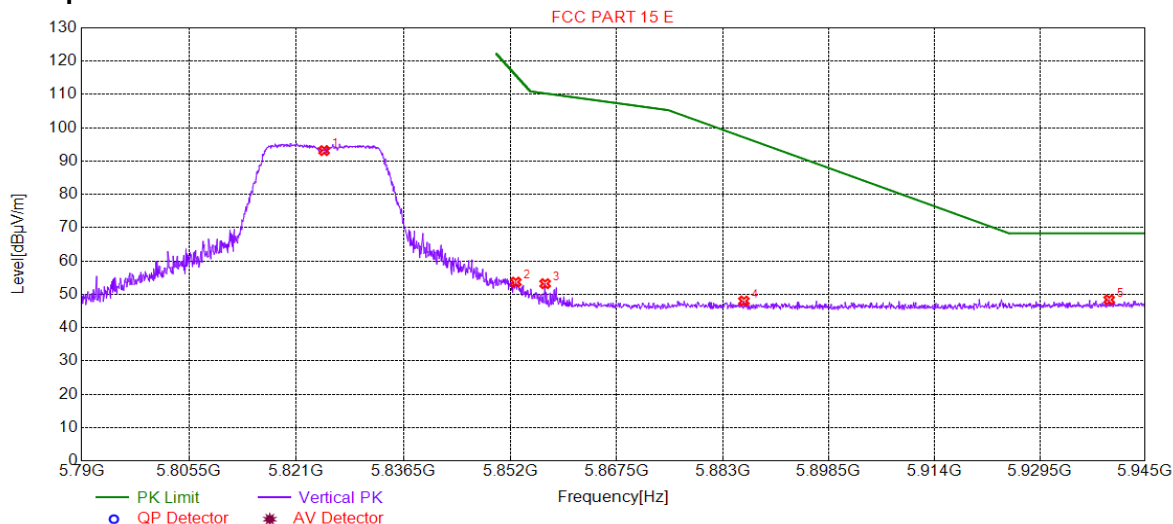
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4.10.1.32 802.11N20_CH165

Test Report

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	93.15	17.23	0.00	-93.15	114	1	Vertical
2	5852.80	53.68	17.25	115.90	62.22	162	344	Vertical
3	5857.07	53.21	17.24	110.32	57.11	163	13	Vertical
4	5886.07	48.01	17.15	97.11	49.10	215	239	Vertical
5	5939.72	48.38	17.72	68.30	19.92	143	83	Vertical

Final Data List



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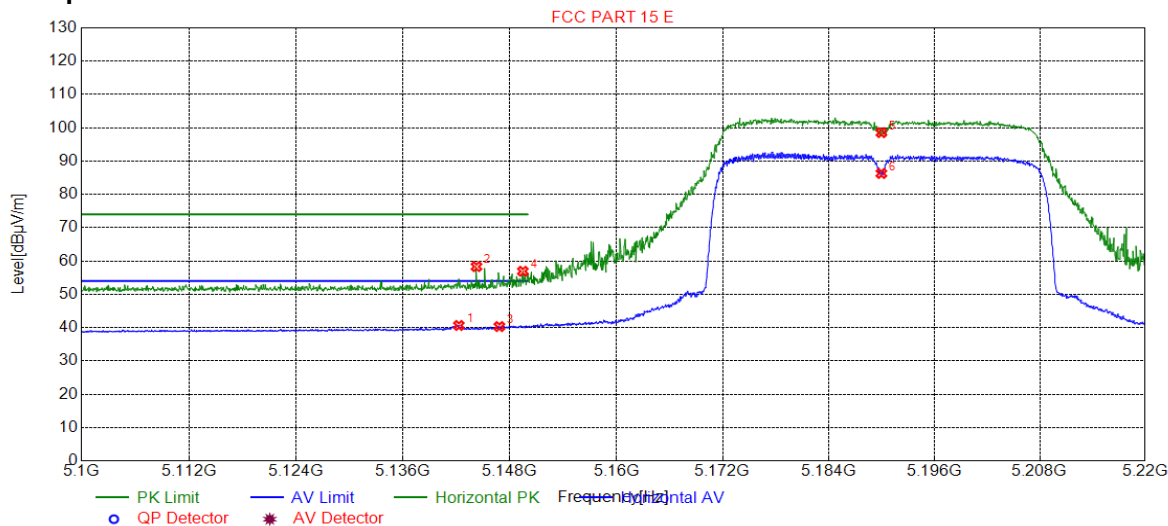
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4.10.1.33 802.11N40_CH38

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.26	40.67	15.45	54.00	13.33	217	344	Horizontal
2	5144.24	58.33	15.47	74.00	15.67	135	344	Horizontal
3	5146.82	40.34	15.49	54.00	13.66	215	284	Horizontal
4	5149.46	56.93	15.52	74.00	17.07	225	284	Horizontal
5	5190.00	98.54	15.58	0.00	-98.54	145	284	Horizontal
6	5190.00	86.29	15.58	0.00	-86.29	139	284	Horizontal

Final Data List



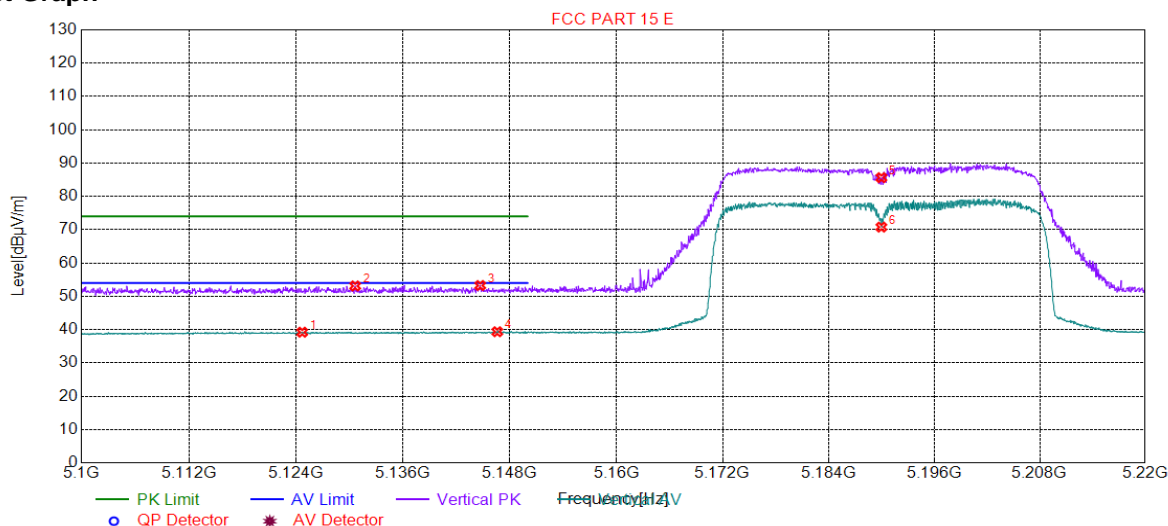
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4.10.1.34 802.11N40_CH38

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5124.67	39.25	15.30	54.00	14.75	168	55	Vertical
2	5130.61	53.12	15.35	74.00	20.88	296	11	Vertical
3	5144.66	53.26	15.47	74.00	20.74	283	281	Vertical
4	5146.58	39.39	15.49	54.00	14.61	287	110	Vertical
5	5190.00	85.63	15.58	0.00	-85.63	243	116	Vertical
6	5190.00	70.79	15.58	0.00	-70.79	180	309	Vertical

Final Data List



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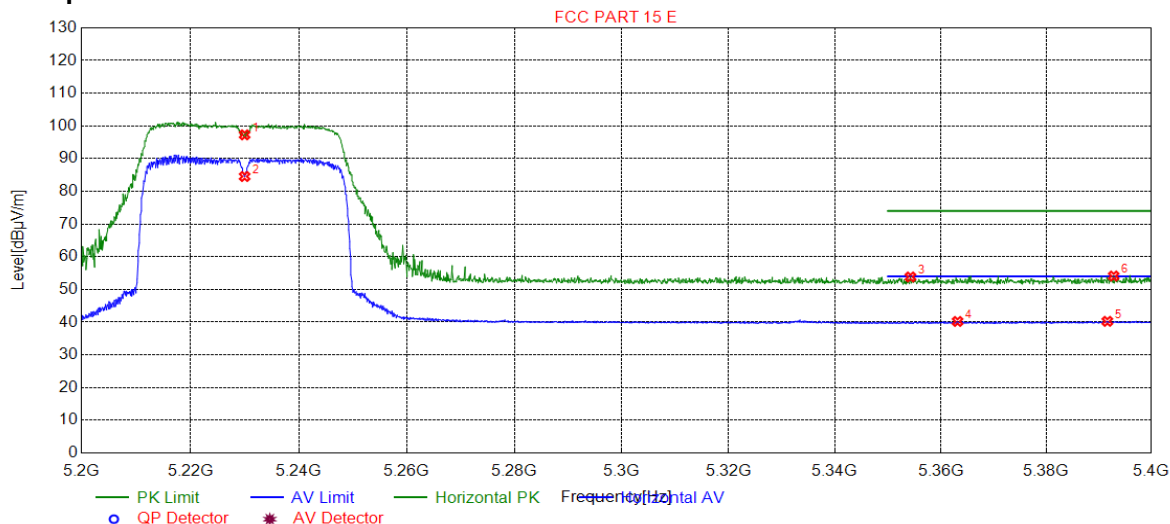
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4.10.1.35 802.11N40_CH46

Test Report

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	97.28	15.51	0.00	-97.28	191	340	Horizontal
2	5230.00	84.55	15.51	0.00	-84.55	224	340	Horizontal
3	5354.27	53.83	15.97	74.00	20.17	151	251	Horizontal
4	5363.18	40.23	16.02	54.00	13.77	216	133	Horizontal
5	5391.59	40.26	16.20	54.00	13.74	160	140	Horizontal
6	5392.79	54.12	16.21	74.00	19.88	233	36	Horizontal

Final Data List



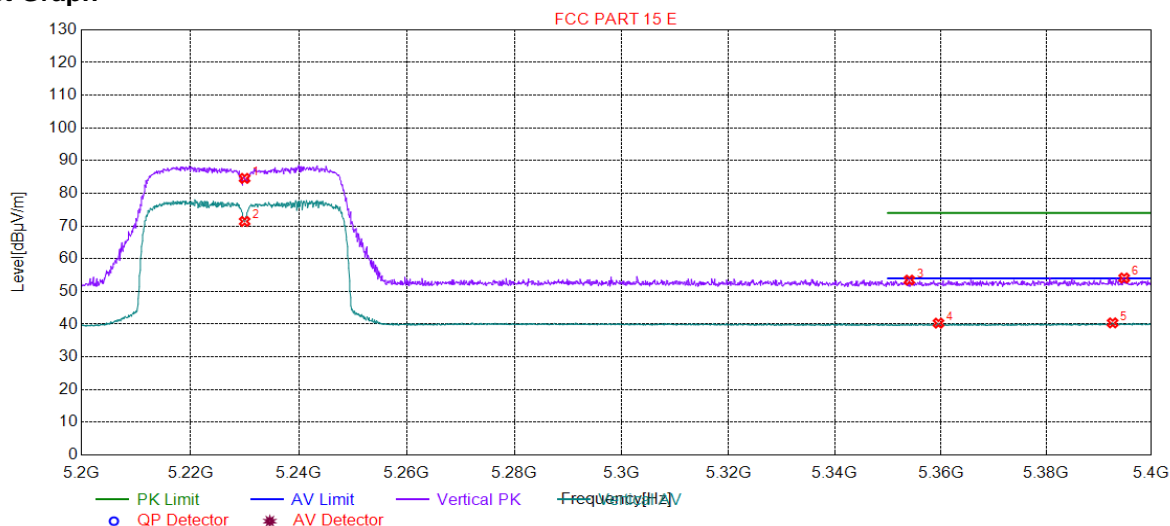
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4.10.1.36 802.11N40_CH46

Test Report

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	84.59	15.51	0.00	-84.59	280	283	Vertical
2	5230.00	71.42	15.51	0.00	-71.42	199	283	Vertical
3	5354.07	53.48	15.97	74.00	20.52	286	344	Vertical
4	5359.57	40.31	16.00	54.00	13.69	286	0	Vertical
5	5392.59	40.40	16.20	54.00	13.60	152	344	Vertical
6	5394.79	54.12	16.22	74.00	19.88	278	124	Vertical

Final Data List



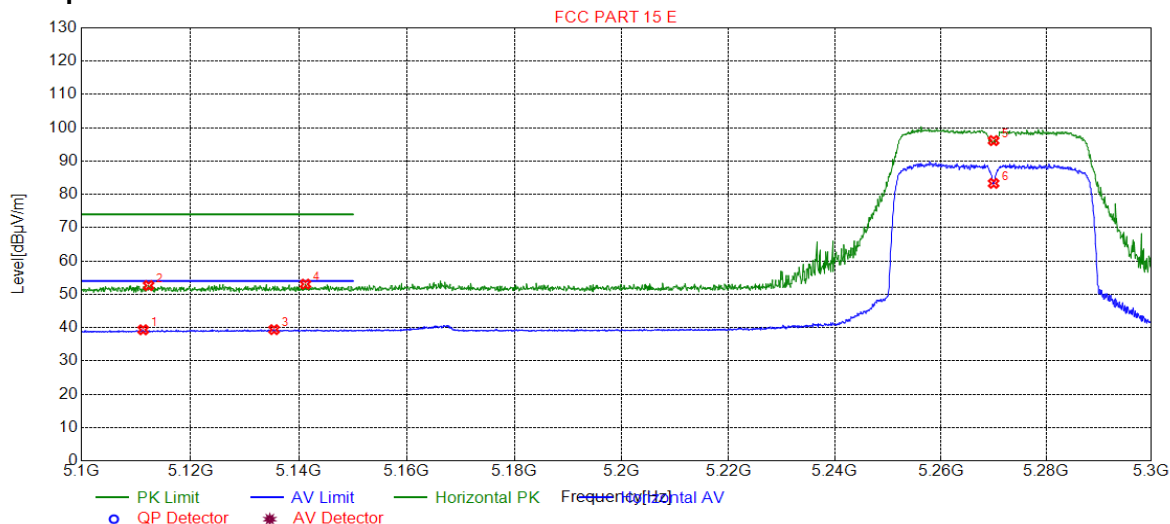
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4.10.1.37 802.11N40_CH54

Test Report

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	39.37	15.19	54.00	14.63	179	43	Horizontal
2	5112.30	52.64	15.20	74.00	21.36	230	188	Horizontal
3	5135.41	39.41	15.39	54.00	14.59	184	293	Horizontal
4	5141.22	53.07	15.44	74.00	20.93	147	188	Horizontal
5	5270.00	96.15	15.56	0.00	-96.15	172	293	Horizontal
6	5270.00	83.31	15.56	0.00	-83.31	207	279	Horizontal

Final Data List



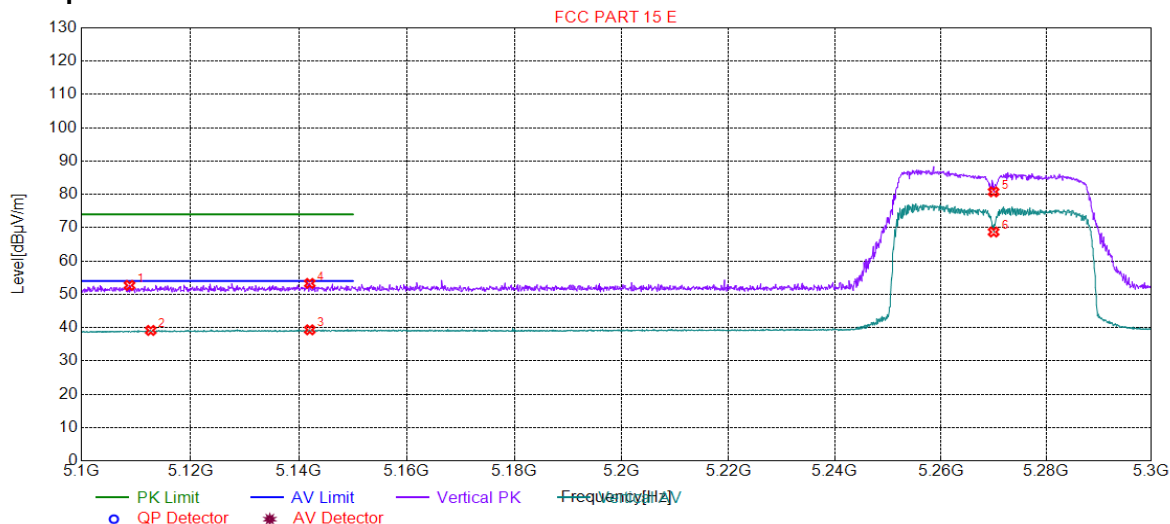
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4.10.1.38 802.11N40_CH54

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.80	52.70	15.17	74.00	21.30	273	165	Vertical
2	5112.70	39.18	15.20	54.00	14.82	166	318	Vertical
3	5142.02	39.36	15.45	54.00	14.64	154	28	Vertical
4	5142.02	53.29	15.45	74.00	20.71	238	41	Vertical
5	5270.00	80.77	15.56	0.00	-80.77	178	276	Vertical
6	5270.00	68.72	15.56	0.00	-68.72	292	297	Vertical

Final Data List



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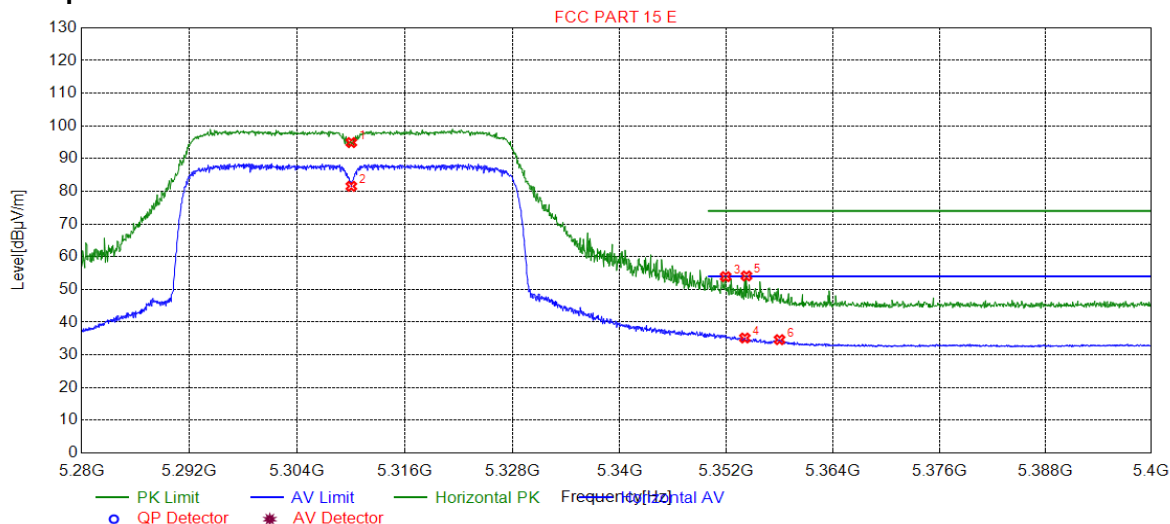
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4.10.1.39 802.11N40_CH62

Test Report

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	94.93	15.75	0.00	-94.93	217	286	Horizontal
2	5310.00	81.55	15.75	0.00	-81.55	206	294	Horizontal
3	5351.91	53.93	15.95	74.00	20.07	137	153	Horizontal
4	5354.07	35.17	15.97	54.00	18.83	104	342	Horizontal
5	5354.25	54.14	15.97	74.00	19.86	120	342	Horizontal
6	5357.97	34.66	15.99	54.00	19.34	100	294	Horizontal

Final Data List



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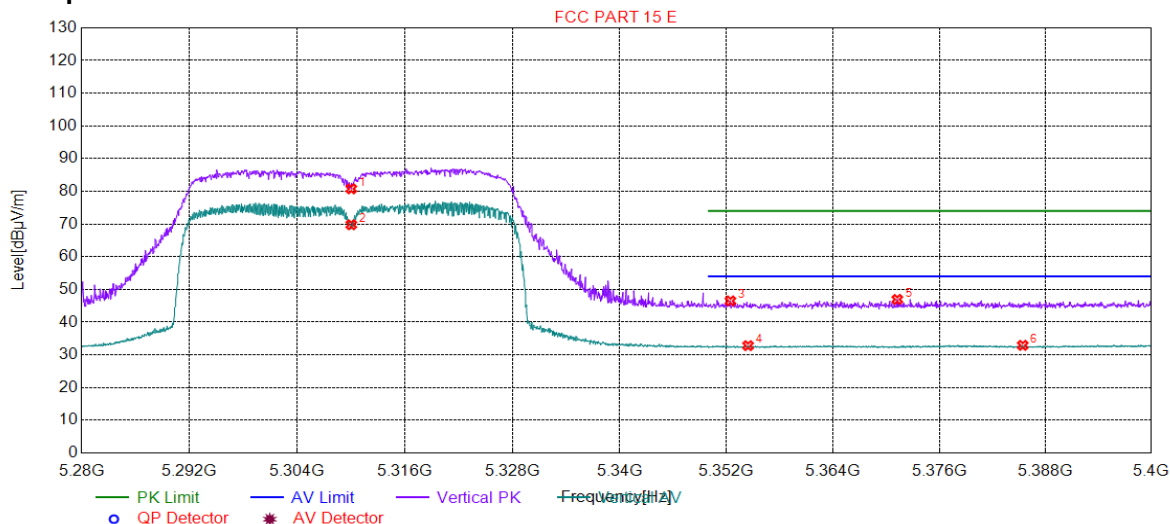
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4.10.1.40 802.11N40_CH62

Test Report

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	80.77	15.75	0.00	-80.77	241	297	Vertical
2	5310.00	69.81	15.75	0.00	-69.81	250	297	Vertical
3	5352.45	46.51	15.96	74.00	27.49	234	290	Vertical
4	5354.43	32.83	15.97	54.00	21.17	289	311	Vertical
5	5371.24	46.96	16.07	74.00	27.04	189	338	Vertical
6	5385.41	32.93	16.16	54.00	21.07	176	95	Vertical

Final Data List



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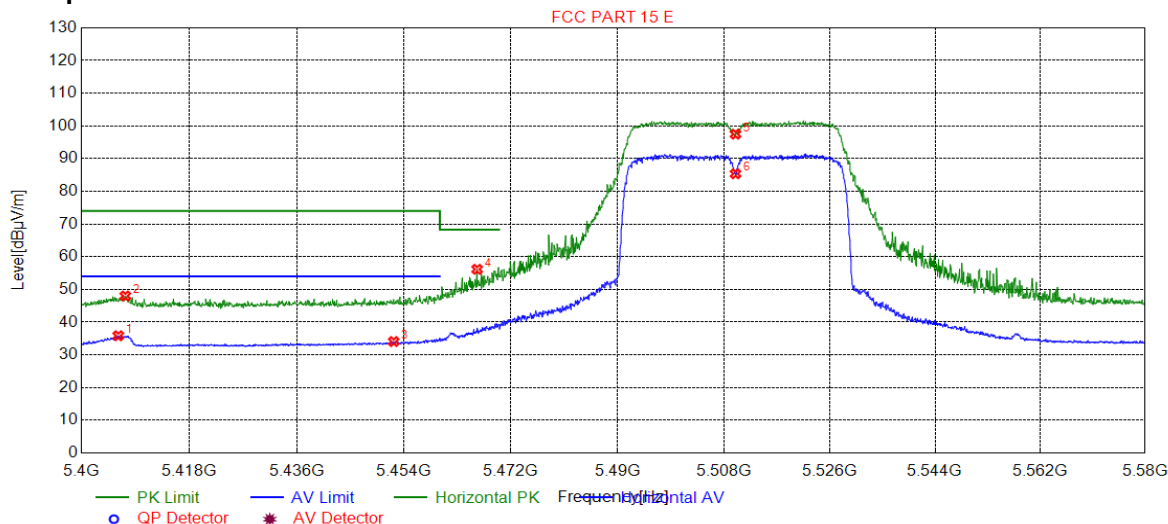
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4.10.1.41 802.11N40_CH102

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5406.12	35.85	16.25	54.00	18.15	223	284	Horizontal
2	5407.29	48.01	16.25	74.00	25.99	172	291	Horizontal
3	5452.22	34.09	16.25	54.00	19.91	171	291	Horizontal
4	5466.27	56.18	16.25	68.30	12.12	101	332	Horizontal
5	5510.00	97.50	16.28	0.00	-97.50	102	136	Horizontal
6	5510.00	85.38	16.28	0.00	-85.38	127	284	Horizontal

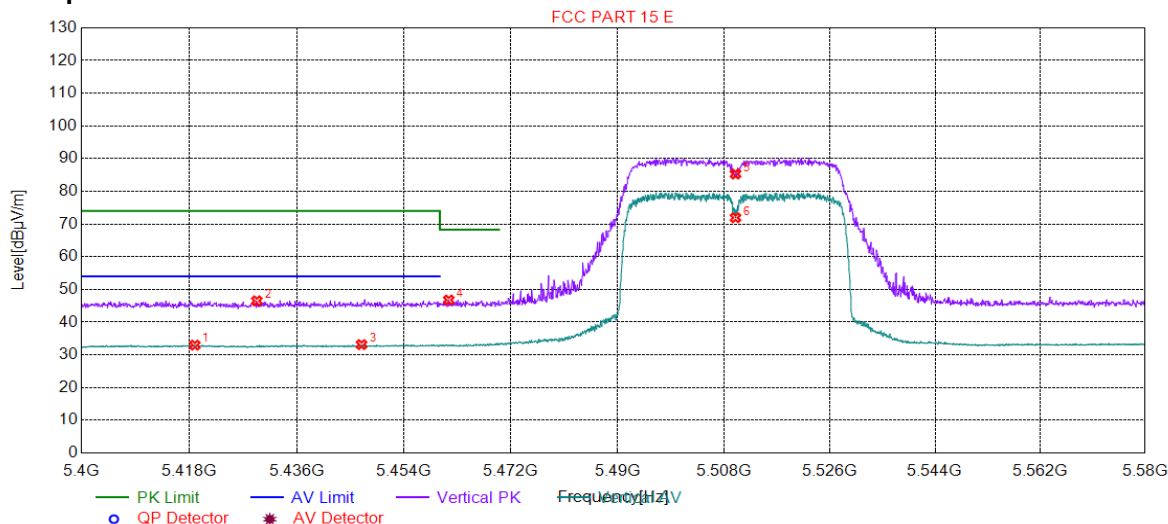
Final Data List



4.10.1.42 802.11N40_CH102

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5418.90	33.00	16.25	54.00	21.00	299	344	Vertical
2	5429.26	46.52	16.25	74.00	27.48	155	112	Vertical
3	5446.82	33.15	16.25	54.00	20.85	218	85	Vertical
4	5461.50	46.79	16.25	68.30	21.51	218	194	Vertical
5	5510.00	85.31	16.28	0.00	-85.31	198	52	Vertical
6	5510.00	71.94	16.28	0.00	-71.94	154	303	Vertical

Final Data List



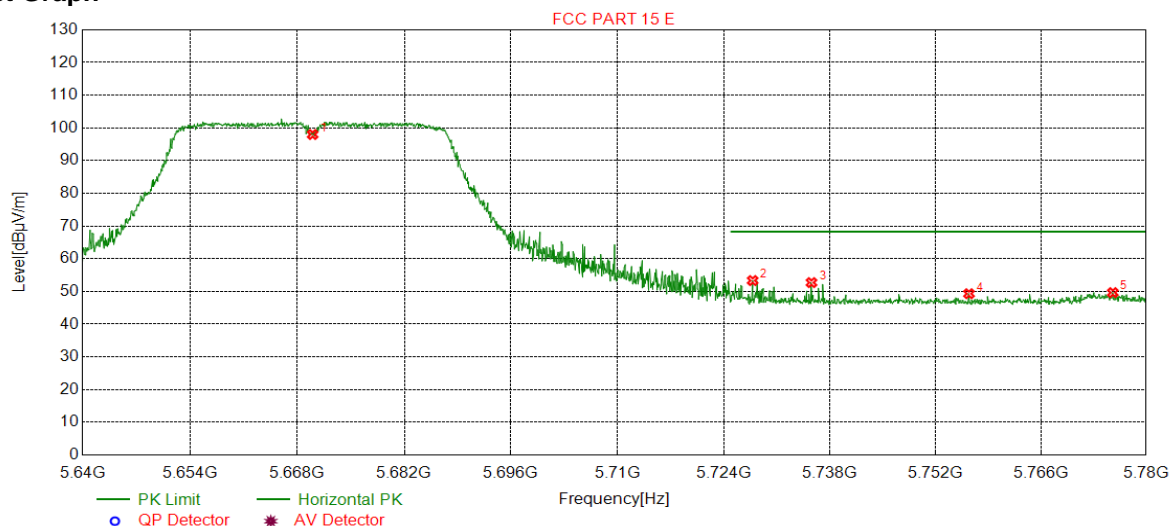
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4.10.1.43 802.11N40_CH134

Test Report

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	98.00	16.64	0.00	-98.00	113	282	Horizontal
2	5727.82	53.34	16.98	68.30	14.96	170	337	Horizontal
3	5735.59	52.72	17.03	68.30	15.58	246	333	Horizontal
4	5756.46	49.32	17.13	68.30	18.98	197	346	Horizontal
5	5775.58	49.65	17.16	68.30	18.65	205	291	Horizontal

Final Data List

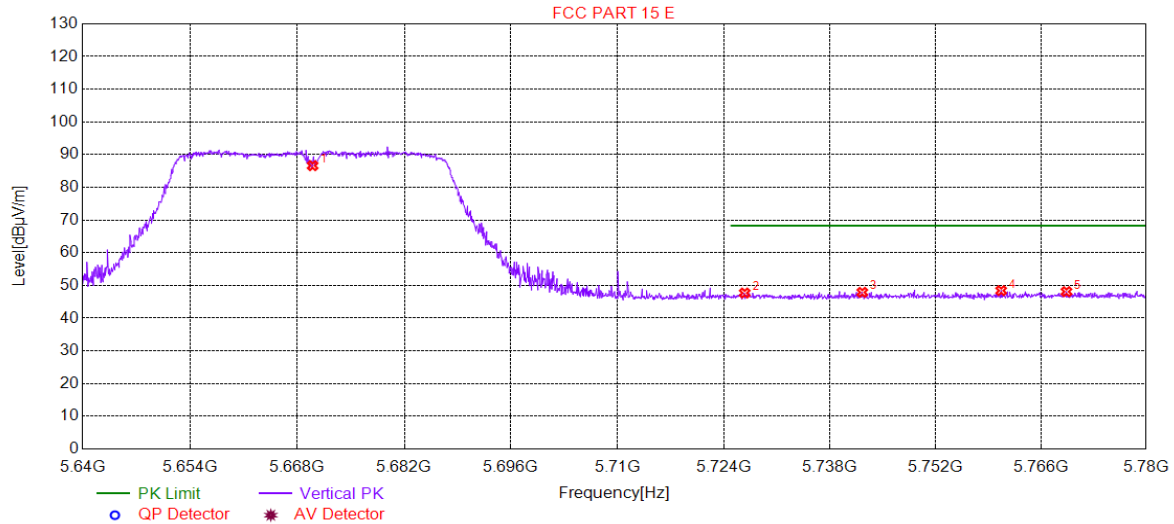




4.10.1.44 802.11N40_CH134

Test Report

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	86.63	16.64	0.00	-86.63	248	299	Vertical
2	5726.77	47.70	16.97	68.30	20.60	266	308	Vertical
3	5742.32	47.91	17.07	68.30	20.39	282	344	Vertical
4	5760.74	48.43	17.14	68.30	19.87	156	285	Vertical
5	5769.42	48.12	17.15	68.30	20.18	192	4	Vertical

Final Data List



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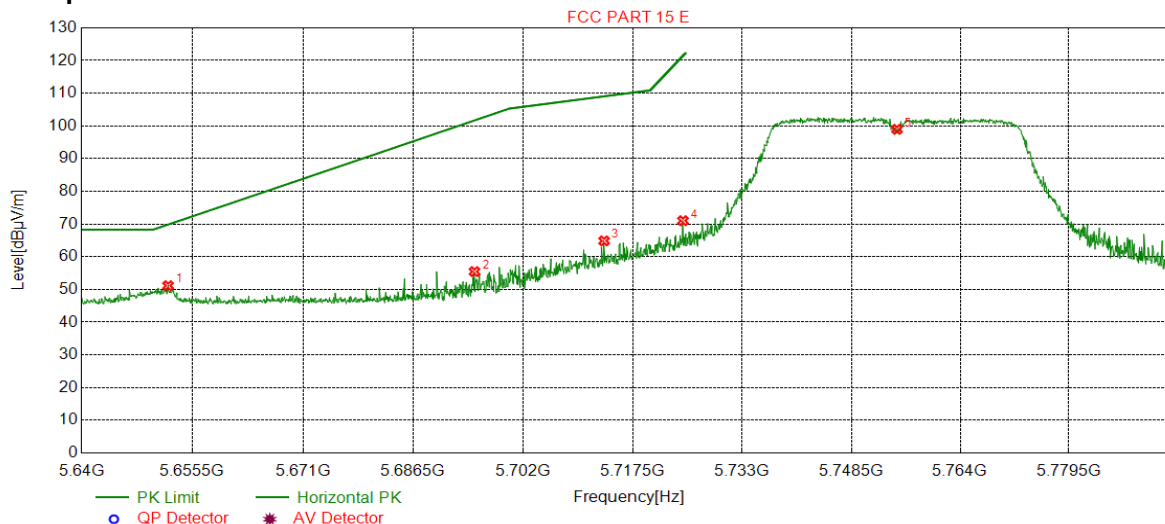
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4.10.1.45 802.11N40_CH151

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5652.09	51.15	16.54	69.85	18.70	176	288	Horizontal
2	5695.13	55.47	16.77	101.70	46.23	190	338	Horizontal
3	5713.42	64.86	16.89	109.06	44.20	123	283	Horizontal
4	5724.59	71.03	16.96	121.38	50.35	197	288	Horizontal
5	5755.00	98.98	17.13	0.00	-98.98	156	296	Horizontal

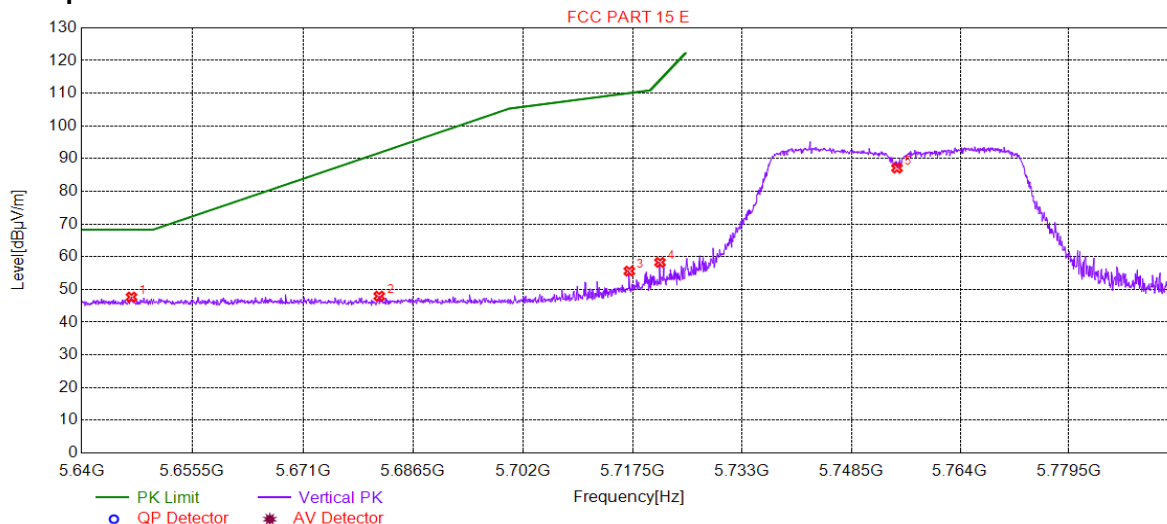
Final Data List



4.10.1.46 802.11N40_CH151

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.97	47.68	16.53	68.30	20.62	154	294	Vertical
2	5681.71	47.97	16.70	91.77	43.80	258	18	Vertical
3	5716.99	55.62	16.91	110.06	54.44	205	318	Vertical
4	5721.33	58.28	16.94	113.95	55.67	298	294	Vertical
5	5755.00	87.12	17.13	0.00	-87.12	168	318	Vertical

Final Data List



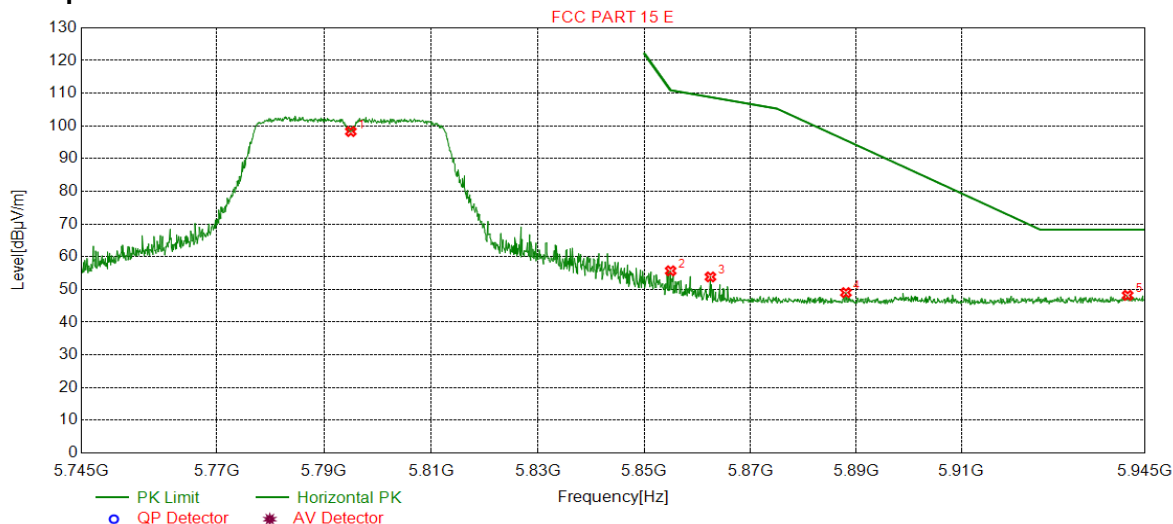
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4.10.1.47 802.11N40_CH159

Test Report

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	98.30	17.18	0.00	-98.30	166	300	Horizontal
2	5854.95	55.70	17.25	111.00	55.30	246	296	Horizontal
3	5862.45	53.84	17.22	108.81	54.97	123	296	Horizontal
4	5888.07	49.05	17.15	95.63	46.58	175	208	Horizontal
5	5941.69	48.20	17.75	68.30	20.10	115	245	Horizontal

Final Data List



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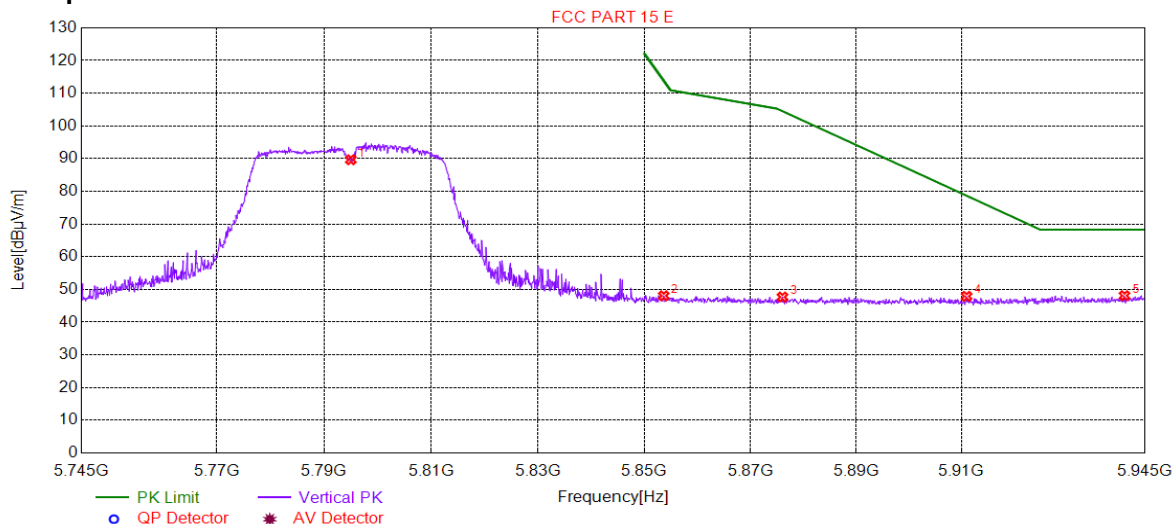
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4.10.1.48 802.11N40_CH159

Test Report

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	89.67	17.18	0.00	-89.67	238	312	Vertical
2	5853.65	48.07	17.25	113.97	65.90	267	139	Vertical
3	5876.06	47.69	17.18	104.51	56.82	238	221	Vertical
4	5910.98	47.92	17.28	78.67	30.75	263	326	Vertical
5	5941.09	48.11	17.74	68.30	20.19	238	116	Vertical

Final Data List

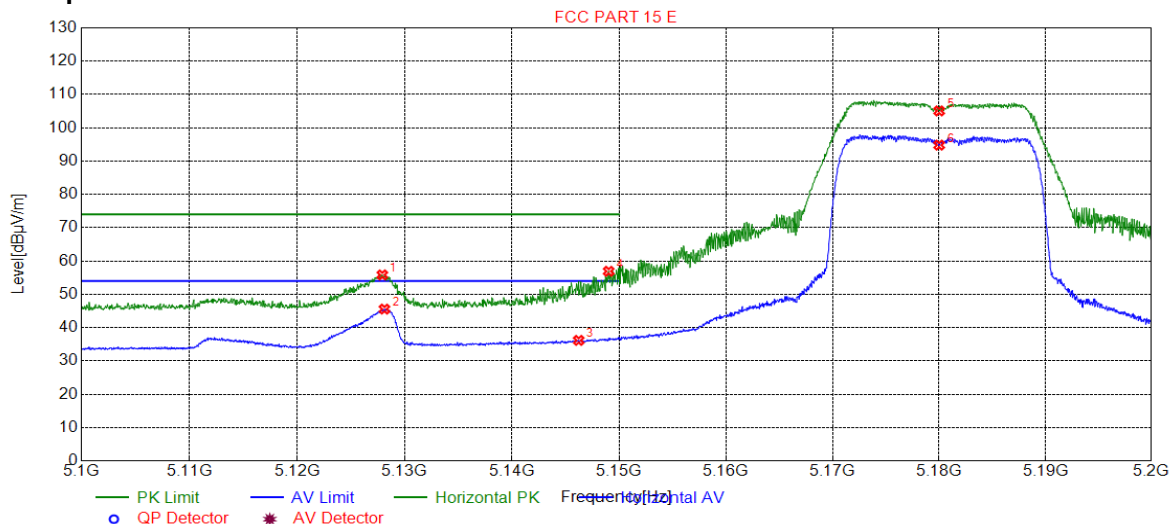




4.10.1.49 802.11AC20_CH36

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.91	55.84	15.33	74.00	18.16	197	288	Horizontal
2	5128.11	45.58	15.33	54.00	8.42	109	282	Horizontal
3	5146.22	36.19	15.49	54.00	17.81	181	282	Horizontal
4	5149.02	56.93	15.51	74.00	17.07	240	332	Horizontal
5	5180.00	105.06	15.56	0.00	-105.06	125	282	Horizontal
6	5180.00	94.80	15.56	0.00	-94.80	234	288	Horizontal

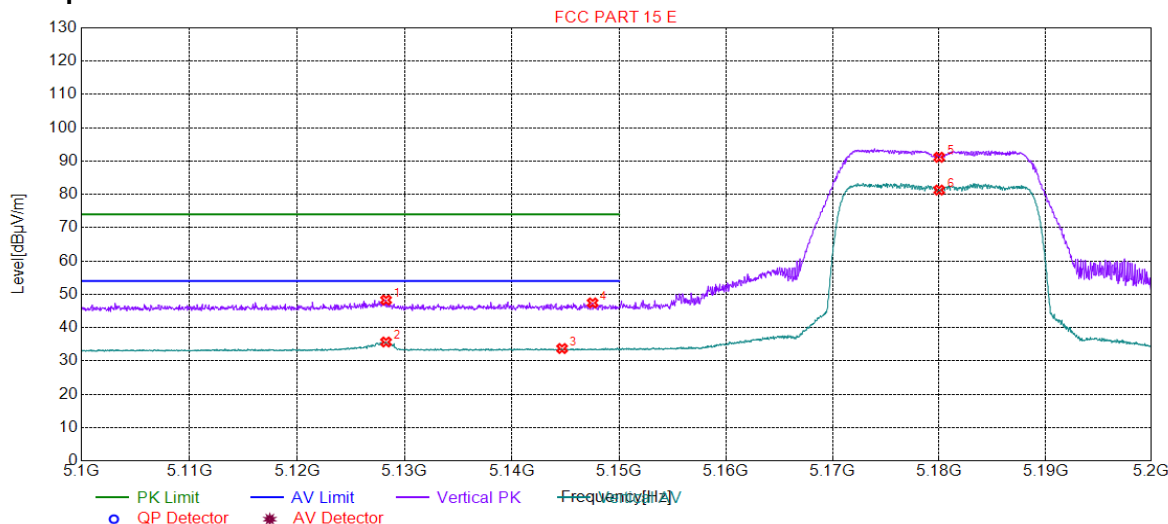
Final Data List



4.10.1.50 802.11AC20_CH36

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.26	48.30	15.33	74.00	25.70	232	49	Vertical
2	5128.26	35.70	15.33	54.00	18.30	262	325	Vertical
3	5144.67	33.74	15.47	54.00	20.26	224	286	Vertical
4	5147.52	47.44	15.50	74.00	26.56	217	308	Vertical
5	5180.00	91.15	15.56	0.00	-91.15	244	286	Vertical
6	5180.00	81.30	15.56	0.00	-81.30	255	319	Vertical

Final Data List



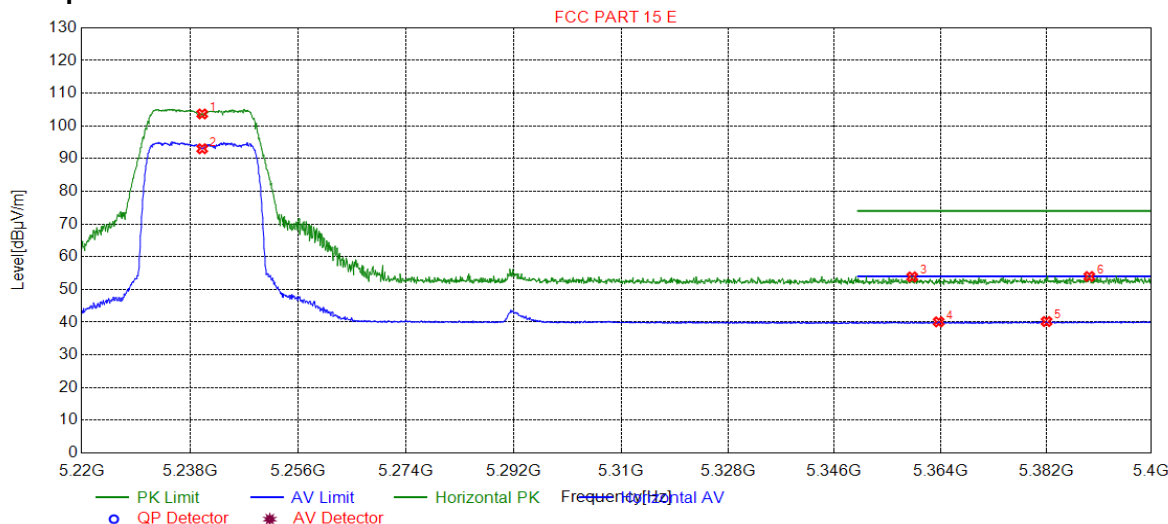
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4.10.1.51 802.11AC20_CH48

Test Report

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	103.67	15.49	0.00	-103.67	238	338	Horizontal
2	5240.00	93.03	15.49	0.00	-93.03	239	290	Horizontal
3	5359.20	53.86	16.00	74.00	20.14	198	269	Horizontal
4	5363.71	40.11	16.03	54.00	13.89	156	248	Horizontal
5	5382.08	40.20	16.14	54.00	13.80	139	282	Horizontal
6	5389.37	53.98	16.18	74.00	20.02	161	158	Horizontal

Final Data List



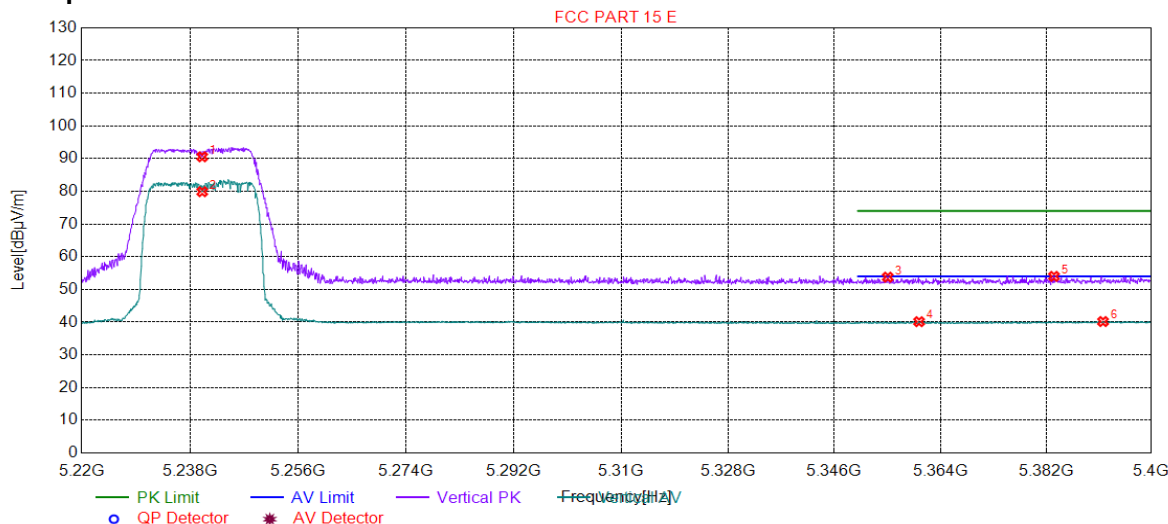
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4.10.1.52 802.11AC20_CH48

Test Report

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	90.57	15.49	0.00	-90.57	202	276	Vertical
2	5240.00	79.89	15.49	0.00	-79.89	236	118	Vertical
3	5355.06	53.78	15.97	74.00	20.22	196	248	Vertical
4	5360.38	40.16	16.00	54.00	13.84	259	344	Vertical
5	5383.34	54.01	16.15	74.00	19.99	235	180	Vertical
6	5391.71	40.20	16.20	54.00	13.80	261	125	Vertical

Final Data List



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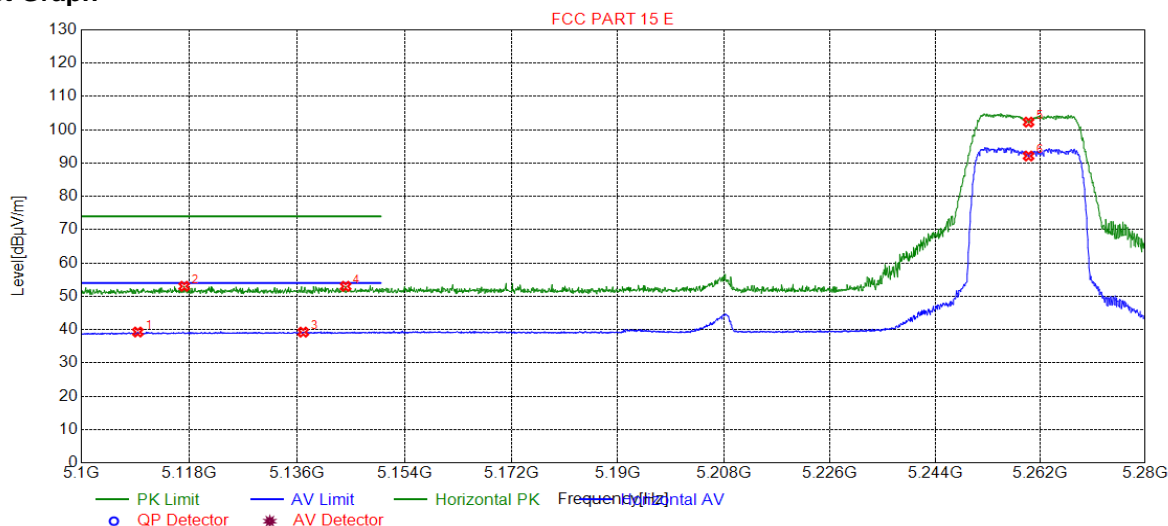
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4.10.1.53 802.11AC20_CH52

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5109.36	39.30	15.17	54.00	14.70	155	360	Horizontal
2	5117.10	53.02	15.24	74.00	20.98	187	360	Horizontal
3	5137.00	39.27	15.41	54.00	14.73	165	241	Horizontal
4	5144.12	53.01	15.47	74.00	20.99	164	104	Horizontal
5	5260.00	102.30	15.51	0.00	-102.30	120	337	Horizontal
6	5260.00	92.13	15.51	0.00	-92.13	178	289	Horizontal

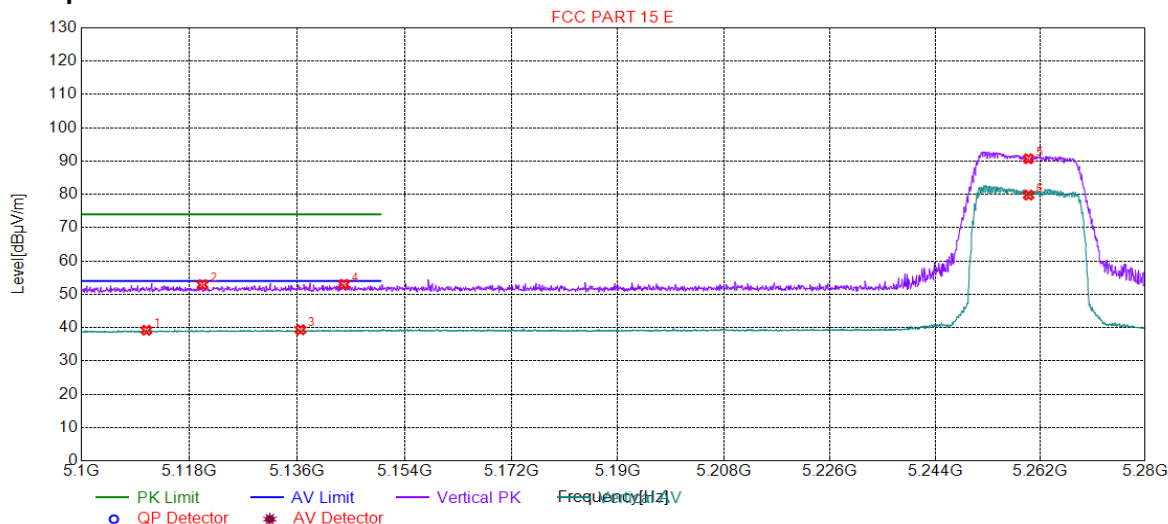
Final Data List



4.10.1.54 802.11AC20_CH52

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5110.80	39.22	15.18	54.00	14.78	185	221	Vertical
2	5120.17	52.90	15.26	74.00	21.10	184	42	Vertical
3	5136.55	39.38	15.40	54.00	14.62	268	153	Vertical
4	5143.85	53.01	15.47	74.00	20.99	184	290	Vertical
5	5260.00	90.72	15.51	0.00	-90.72	226	276	Vertical
6	5260.00	79.81	15.51	0.00	-79.81	255	276	Vertical

Final Data List



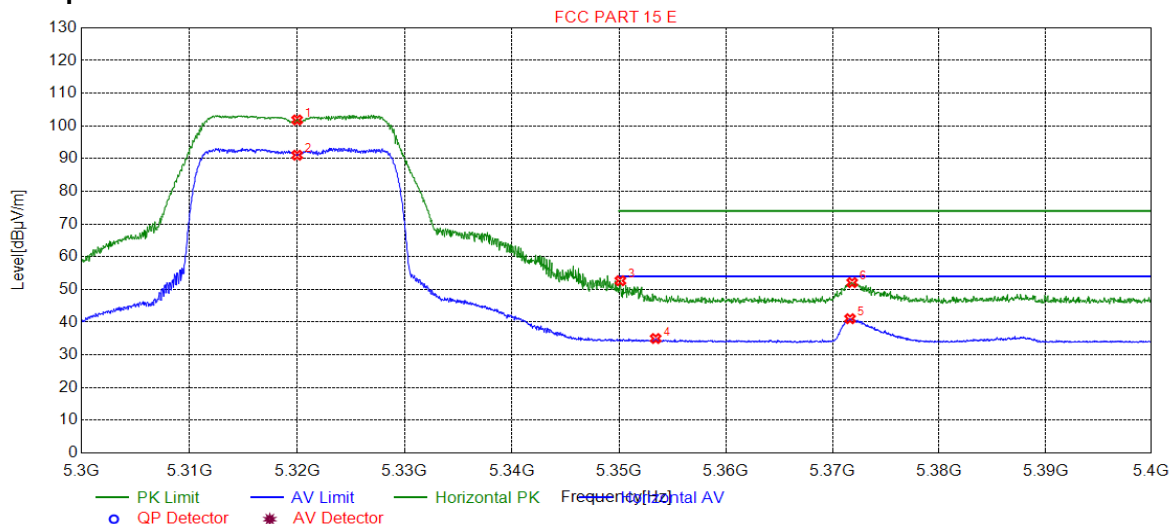
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4.10.1.55 802.11AC20_CH64

Test Report

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	101.84	15.80	0.00	-101.84	159	282	Horizontal
2	5320.00	91.06	15.80	0.00	-91.06	190	289	Horizontal
3	5350.12	52.67	15.94	74.00	21.33	186	137	Horizontal
4	5353.42	35.01	15.96	54.00	18.99	140	289	Horizontal
5	5371.63	41.07	16.07	54.00	12.93	147	282	Horizontal
6	5371.83	52.11	16.08	74.00	21.89	181	289	Horizontal

Final Data List



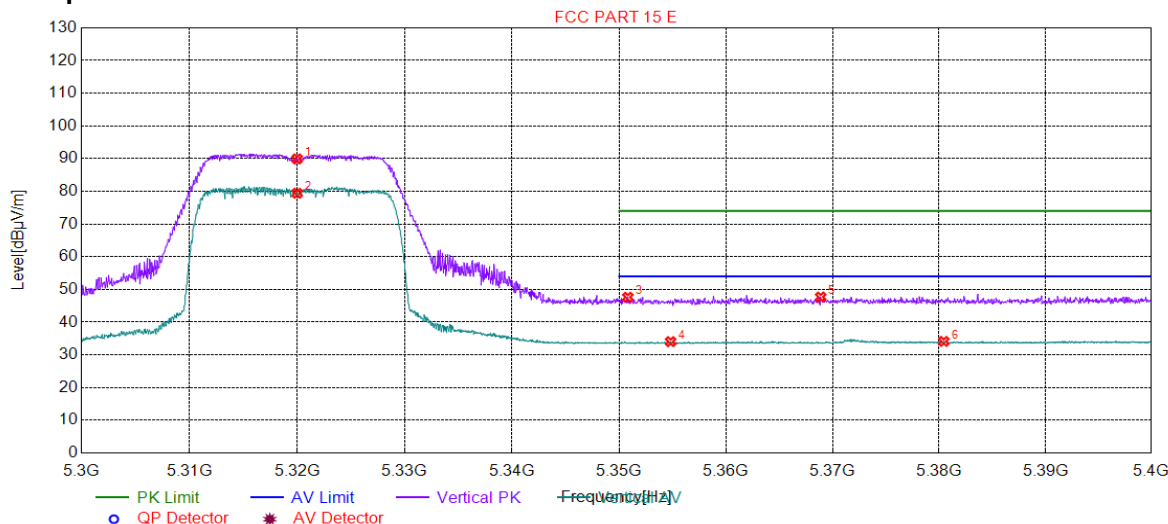
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4.10.1.56 802.11AC20_CH64

Test Report

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	89.93	15.80	0.00	-89.93	257	296	Vertical
2	5320.00	79.43	15.80	0.00	-79.43	164	296	Vertical
3	5350.82	47.64	15.95	74.00	26.36	271	97	Vertical
4	5354.82	34.06	15.97	54.00	19.94	171	84	Vertical
5	5368.88	47.70	16.06	74.00	26.30	268	296	Vertical
6	5380.44	34.13	16.13	54.00	19.87	225	8	Vertical

Final Data List



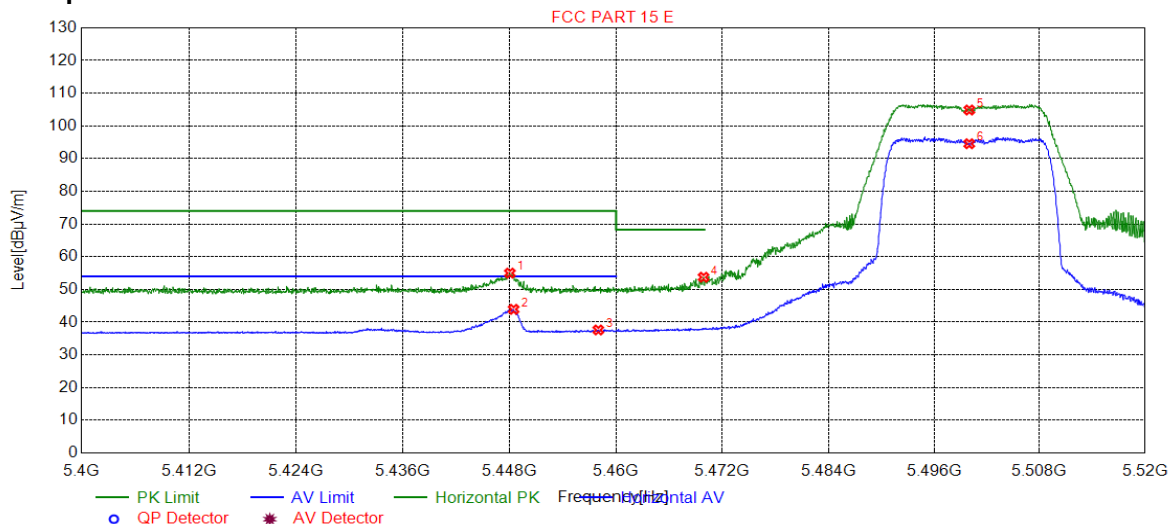
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4.10.1.57 802.11AC20_CH100

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5448.02	55.00	16.25	74.00	19.00	113	293	Horizontal
2	5448.44	43.94	16.25	54.00	10.06	207	287	Horizontal
3	5457.98	37.63	16.25	54.00	16.37	100	282	Horizontal
4	5469.87	53.75	16.25	68.30	14.55	115	298	Horizontal
5	5500.00	104.88	16.25	0.00	-104.88	230	293	Horizontal
6	5500.00	94.56	16.25	0.00	-94.56	229	287	Horizontal

Final Data List

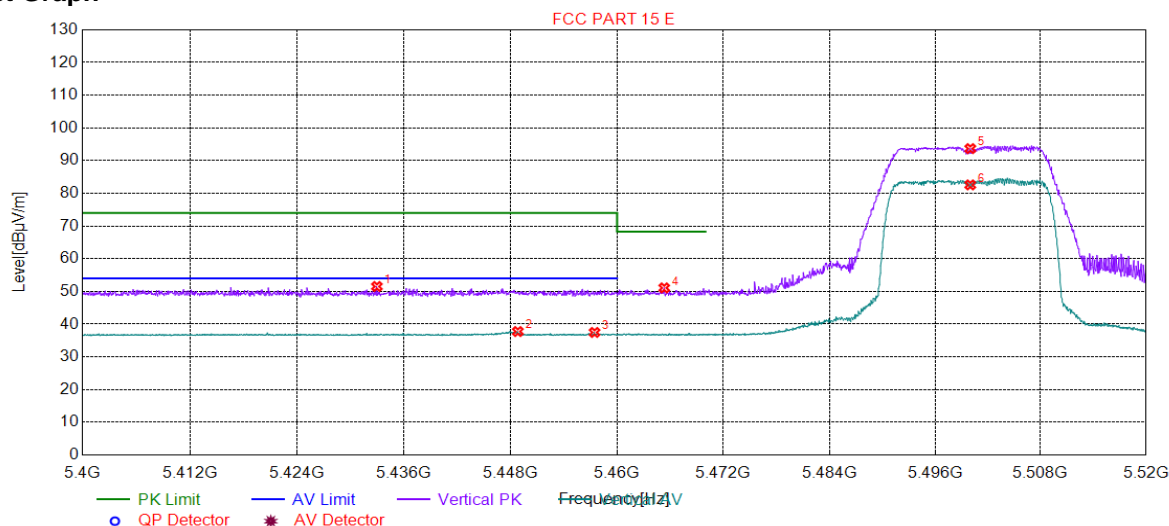




4.10.1.58 802.11AC20_CH100

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5432.95	51.53	16.25	74.00	22.47	212	148	Vertical
2	5448.80	37.76	16.25	54.00	16.24	206	302	Vertical
3	5457.44	37.48	16.25	54.00	16.52	241	60	Vertical
4	5465.31	51.10	16.25	68.30	17.20	284	71	Vertical
5	5500.00	93.68	16.25	0.00	-93.68	195	308	Vertical
6	5500.00	82.59	16.25	0.00	-82.59	153	308	Vertical

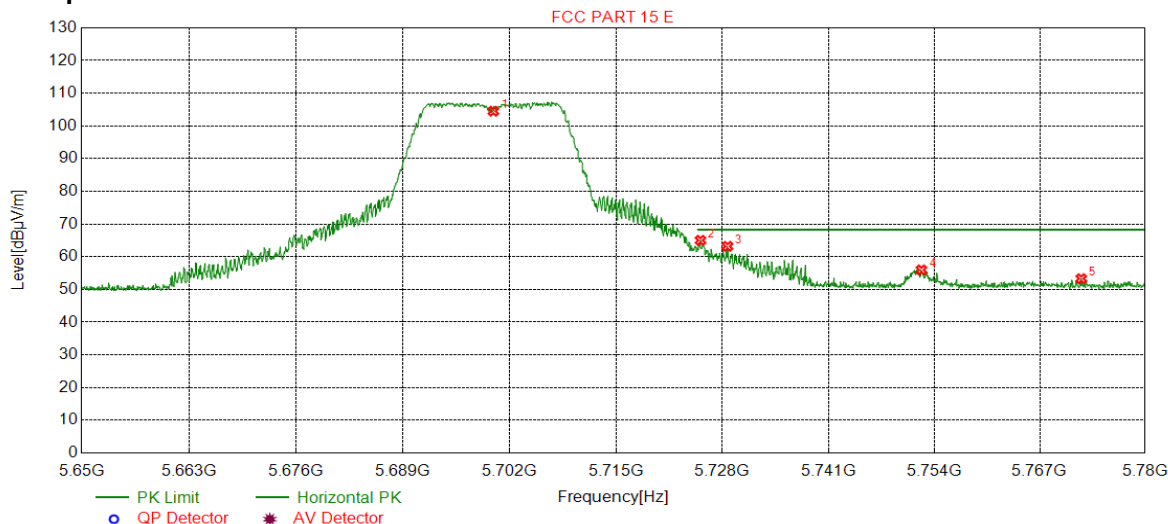
Final Data List



4.10.1.59 802.11AC20_CH140

Test Report

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	104.51	16.80	0.00	-104.51	208	111	Horizontal
2	5725.30	65.04	16.96	68.30	3.26	195	291	Horizontal
3	5728.62	63.19	16.98	68.30	5.11	135	300	Horizontal
4	5752.42	55.98	17.12	68.30	12.32	113	291	Horizontal
5	5772.13	53.31	17.15	68.30	14.99	120	144	Horizontal

Final Data List



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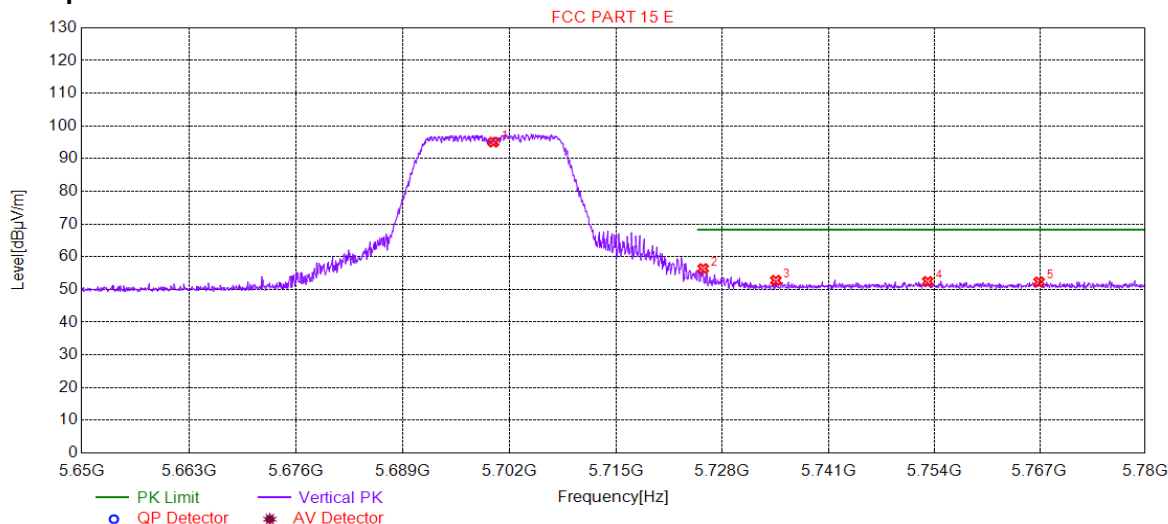
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4.10.1.60 802.11AC20_CH140

Test Report

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	95.05	16.80	0.00	-95.05	210	295	Vertical
2	5725.63	56.40	16.96	68.30	11.90	236	327	Vertical
3	5734.54	52.79	17.02	68.30	15.51	243	327	Vertical
4	5753.20	52.46	17.12	68.30	15.84	244	92	Vertical
5	5766.92	52.33	17.14	68.30	15.97	163	203	Vertical

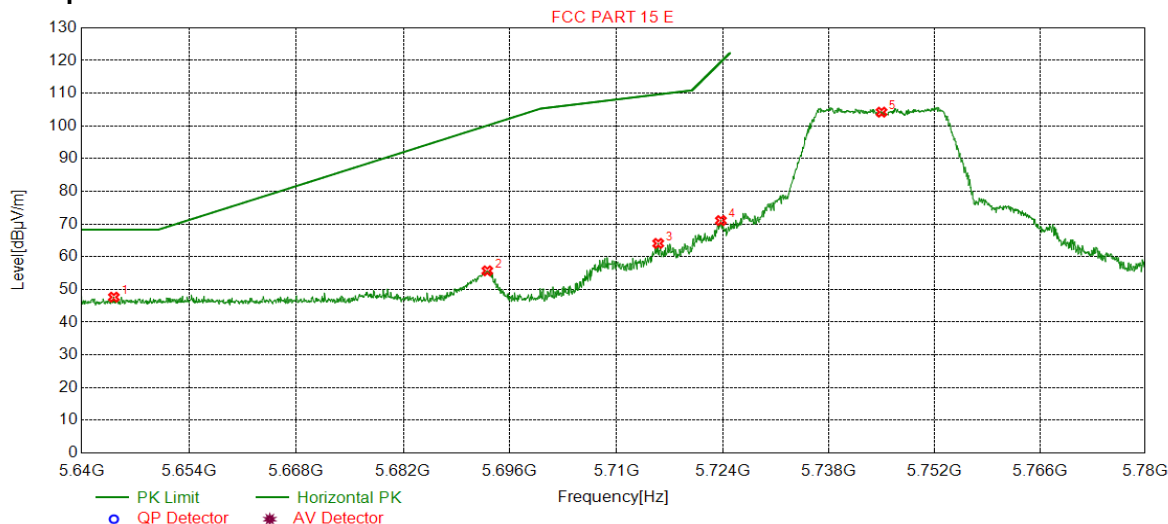
Final Data List



4.10.1.61 802.11AC20_CH149

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.20	47.66	16.54	68.30	20.64	165	112	Horizontal
2	5693.01	55.70	16.76	100.13	44.43	122	291	Horizontal
3	5715.49	64.09	16.90	109.64	45.55	147	291	Horizontal
4	5723.76	71.07	16.95	119.48	48.41	190	291	Horizontal
5	5745.00	104.22	17.09	0.00	-104.22	212	291	Horizontal

Final Data List



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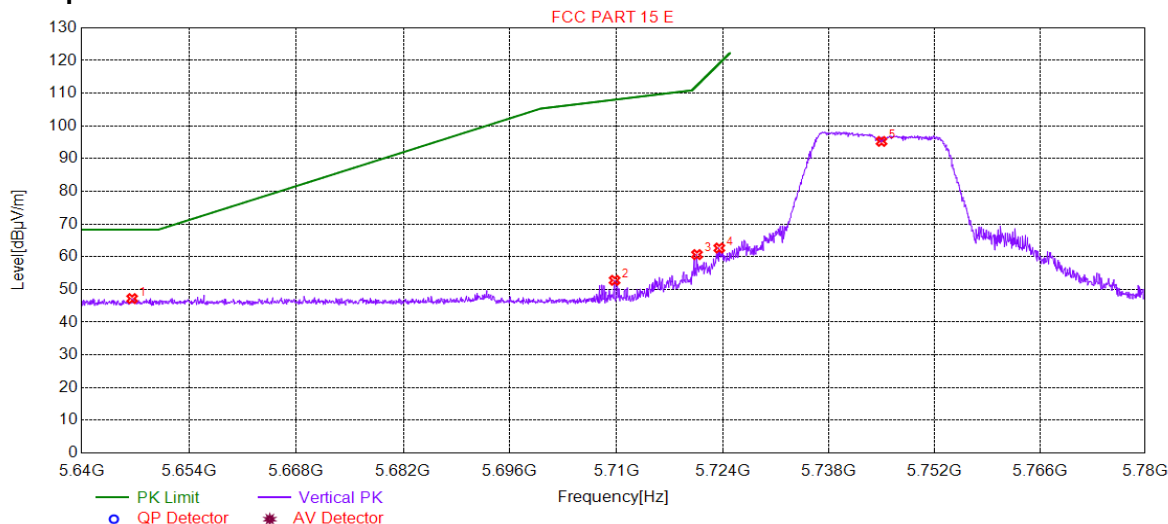
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4.10.1.62 802.11AC20_CH149

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.58	47.22	16.53	68.30	21.08	170	199	Vertical
2	5709.75	52.80	16.86	108.03	55.23	240	322	Vertical
3	5720.61	60.67	16.93	112.29	51.62	277	330	Vertical
4	5723.55	62.67	16.95	119.00	56.33	229	330	Vertical
5	5745.00	95.27	17.09	0.00	-95.27	269	326	Vertical

Final Data List



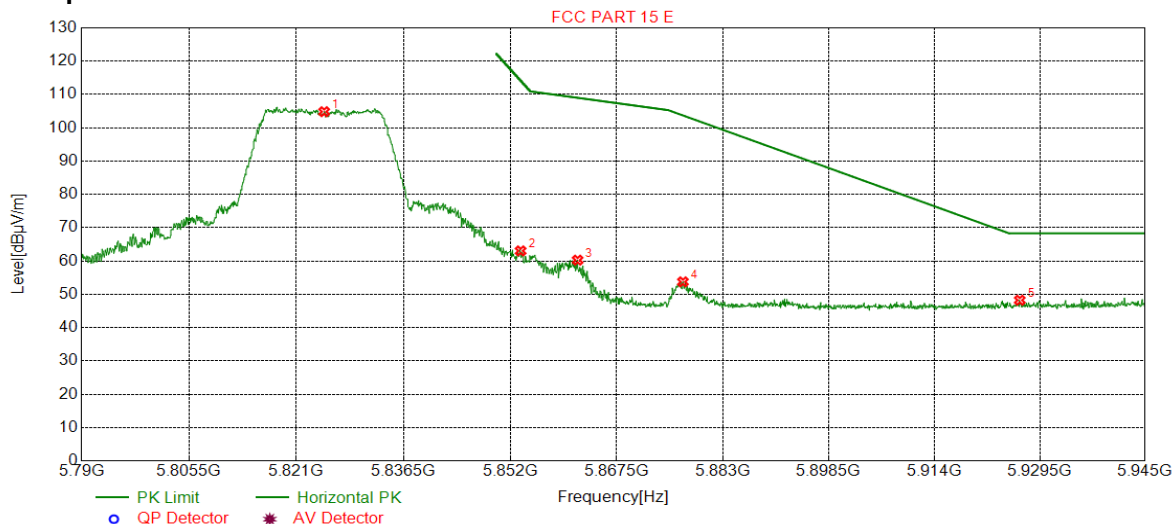
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4.10.1.63 802.11AC20_CH165

Test Report

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	104.83	17.23	0.00	-104.83	160	295	Horizontal
2	5853.50	63.05	17.25	114.31	51.26	168	299	Horizontal
3	5861.80	60.28	17.22	109.00	48.72	201	299	Horizontal
4	5877.15	53.77	17.18	103.71	49.94	166	299	Horizontal
5	5926.54	48.25	17.52	68.30	20.05	118	185	Horizontal

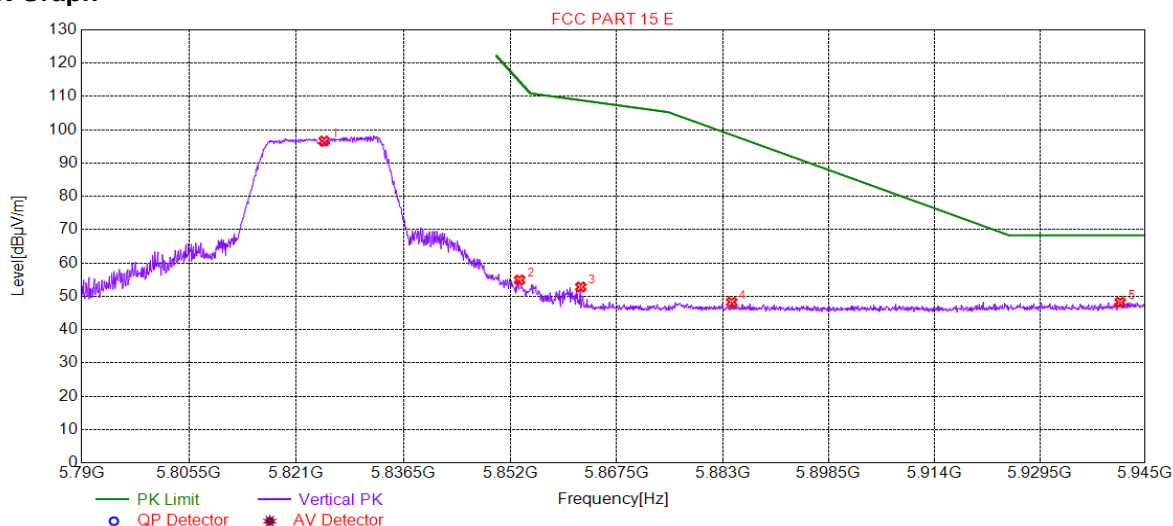
Final Data List



4.10.1.64 802.11AC20_CH165

Test Report

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	96.64	17.23	0.00	-96.64	239	298	Vertical
2	5853.34	54.92	17.25	114.66	59.74	189	312	Vertical
3	5862.26	52.82	17.22	108.87	56.05	156	317	Vertical
4	5884.28	48.29	17.16	98.43	50.14	187	136	Vertical
5	5941.35	48.25	17.75	68.30	20.05	277	187	Vertical

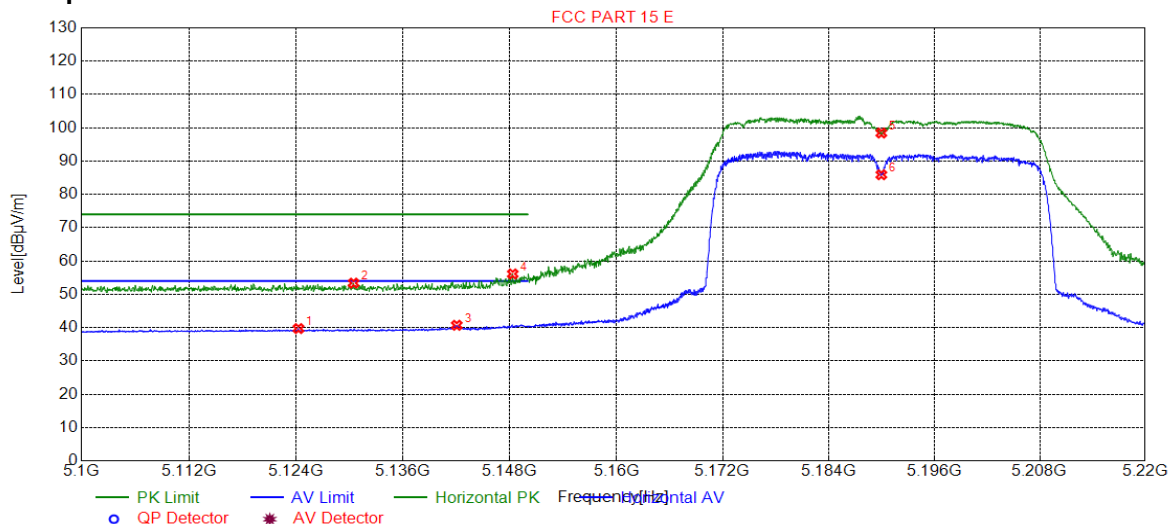
Final Data List



4.10.1.65 802.11AC40_CH38

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5124.25	39.74	15.30	54.00	14.26	234	283	Horizontal
2	5130.43	53.38	15.35	74.00	20.62	106	52	Horizontal
3	5142.02	40.72	15.45	54.00	13.28	244	289	Horizontal
4	5148.32	56.13	15.51	74.00	17.87	120	107	Horizontal
5	5190.00	98.42	15.58	0.00	-98.42	104	283	Horizontal
6	5190.00	85.90	15.58	0.00	-85.90	191	278	Horizontal

Final Data List



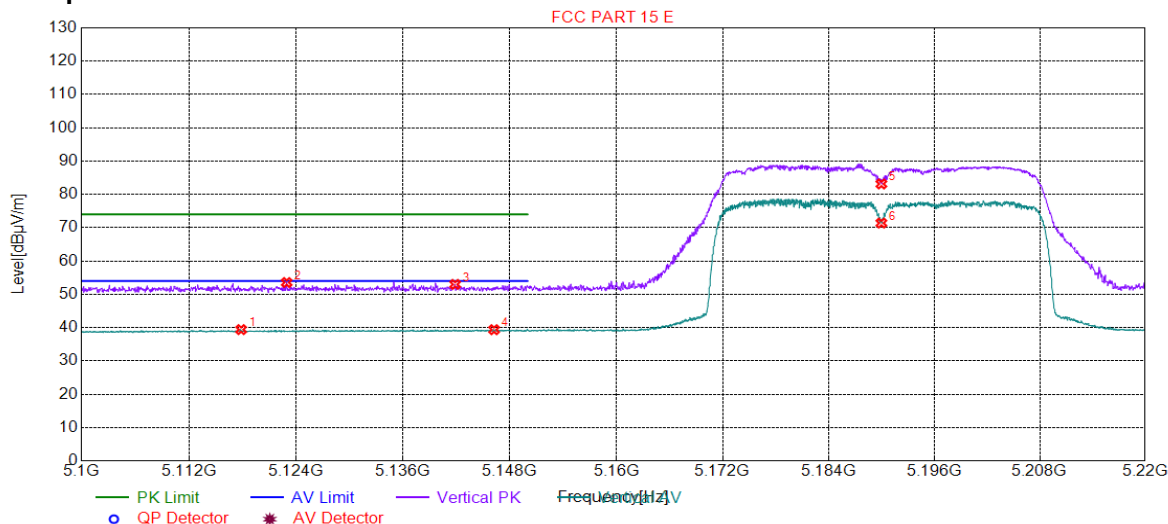
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4.10.1.66 802.11AC40_CH38

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5117.82	39.43	15.24	54.00	14.57	244	15	Vertical
2	5122.93	53.56	15.29	74.00	20.44	199	131	Vertical
3	5141.84	53.00	15.45	74.00	21.00	171	70	Vertical
4	5146.22	39.40	15.49	54.00	14.60	201	219	Vertical
5	5190.00	83.14	15.58	0.00	-83.14	217	319	Vertical
6	5190.00	71.39	15.58	0.00	-71.39	281	286	Vertical

Final Data List



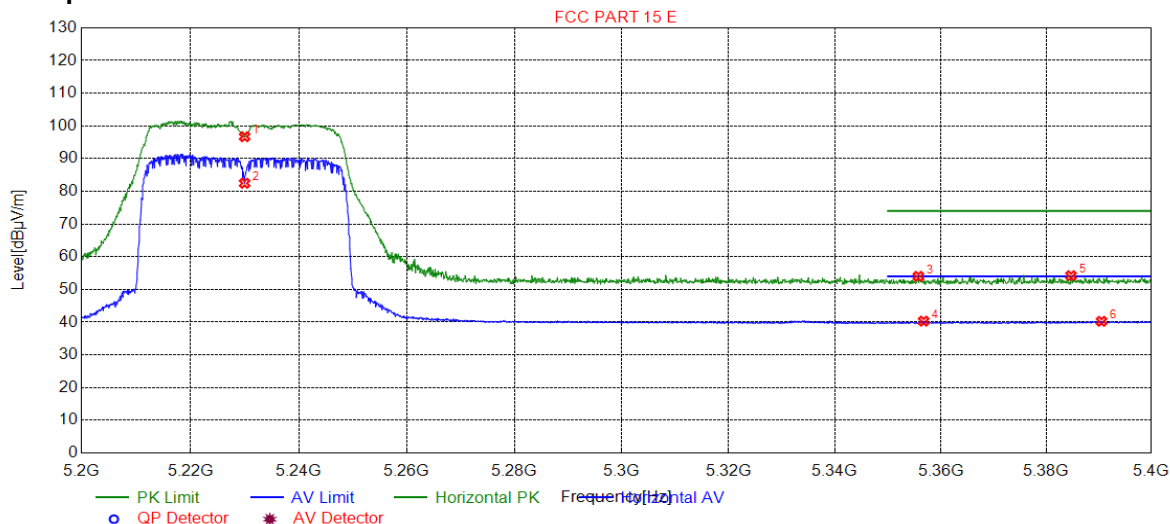
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4.10.1.67 802.11AC40_CH46

Test Report

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	96.72	15.51	0.00	-96.72	158	284	Horizontal
2	5230.00	82.49	15.51	0.00	-82.49	173	284	Horizontal
3	5355.77	54.02	15.98	74.00	19.98	214	55	Horizontal
4	5356.77	40.33	15.98	54.00	13.67	118	352	Horizontal
5	5384.69	54.22	16.16	74.00	19.78	109	97	Horizontal
6	5390.49	40.27	16.19	54.00	13.73	136	304	Horizontal

Final Data List



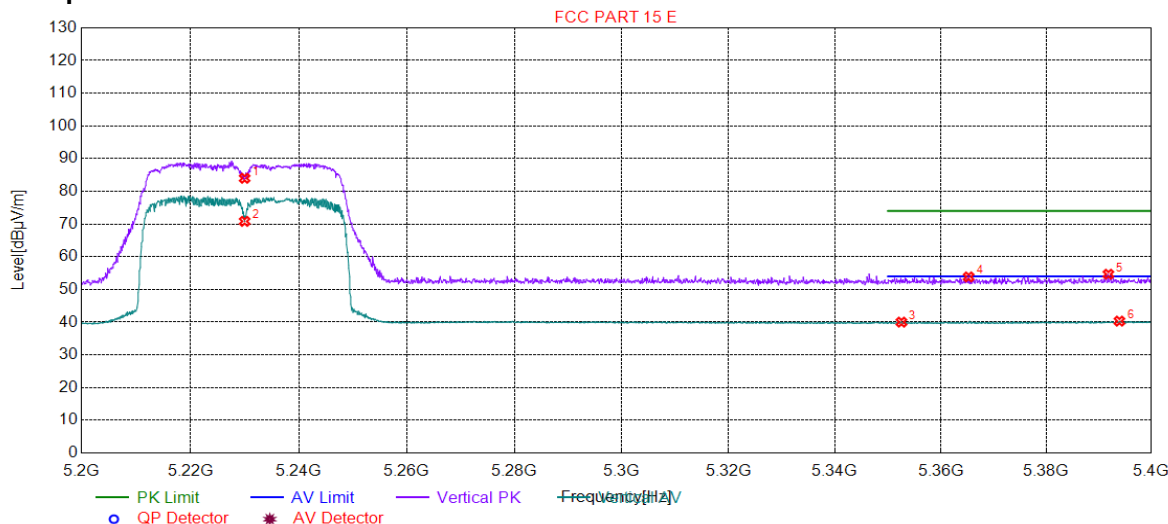
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4.10.1.68 802.11AC40_CH46

Test Report

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	84.00	15.51	0.00	-84.00	161	276	Vertical
2	5230.00	70.83	15.51	0.00	-70.83	180	117	Vertical
3	5352.57	40.02	15.96	54.00	13.98	184	42	Vertical
4	5365.28	53.85	16.03	74.00	20.15	204	296	Vertical
5	5391.79	54.67	16.20	74.00	19.33	288	344	Vertical
6	5393.89	40.33	16.21	54.00	13.67	166	179	Vertical

Final Data List



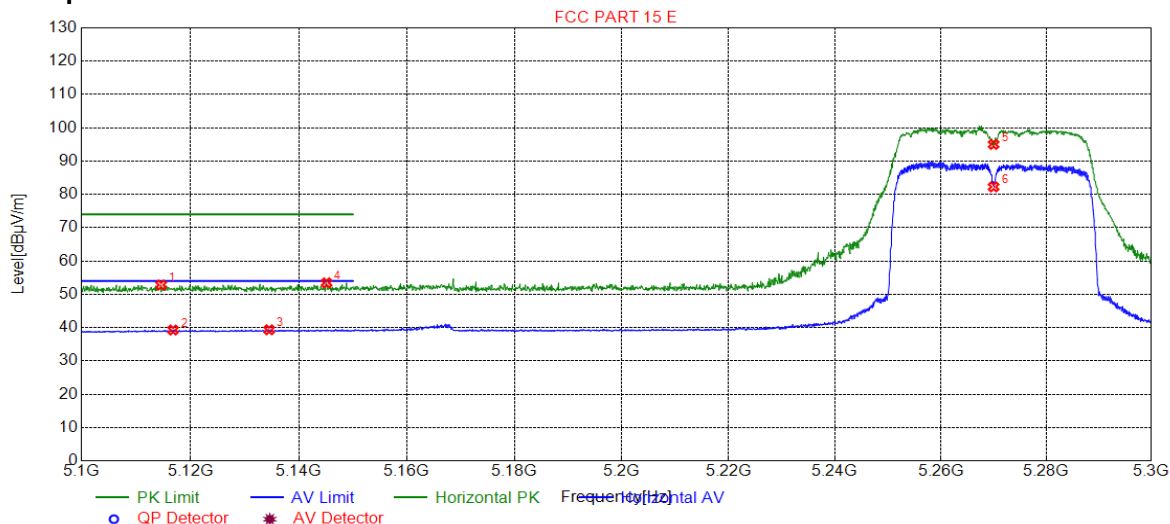
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4.10.1.69 802.11AC40_CH54

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5114.60	52.81	15.22	74.00	21.19	167	16	Horizontal
2	5116.80	39.31	15.23	54.00	14.69	140	29	Horizontal
3	5134.51	39.37	15.39	54.00	14.63	247	325	Horizontal
4	5145.12	53.46	15.48	74.00	20.54	166	16	Horizontal
5	5270.00	95.01	15.56	0.00	-95.01	208	299	Horizontal
6	5270.00	82.26	15.56	0.00	-82.26	150	339	Horizontal

Final Data List



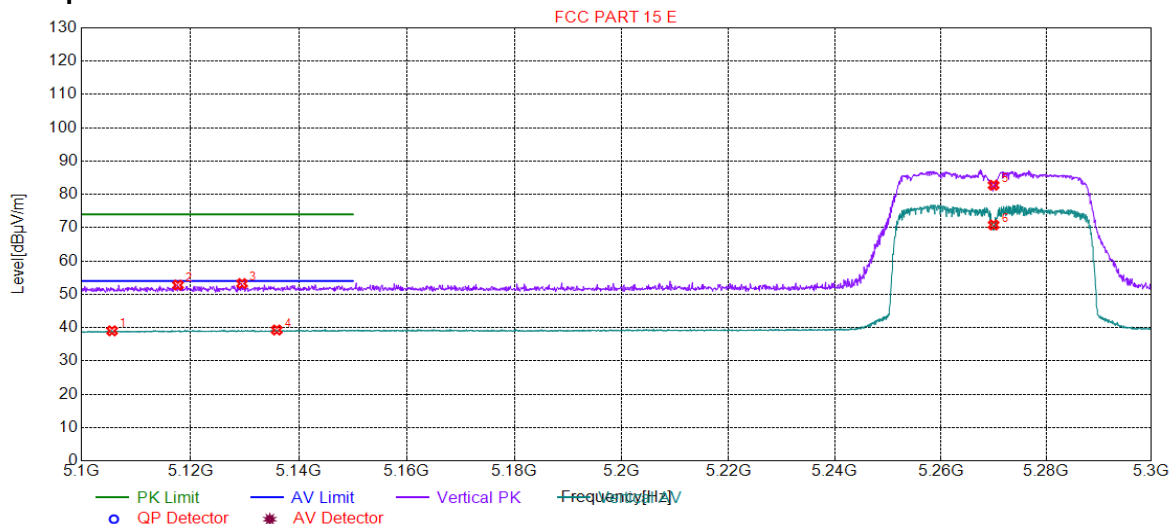
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4.10.1.70 802.11AC40_CH54

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5105.60	39.05	15.14	54.00	14.95	273	180	Vertical
2	5117.70	52.79	15.24	74.00	21.21	195	49	Vertical
3	5129.51	53.23	15.34	74.00	20.77	214	193	Vertical
4	5135.91	39.31	15.40	54.00	14.69	162	132	Vertical
5	5270.00	82.75	15.56	0.00	-82.75	151	296	Vertical
6	5270.00	70.84	15.56	0.00	-70.84	242	303	Vertical

Final Data List



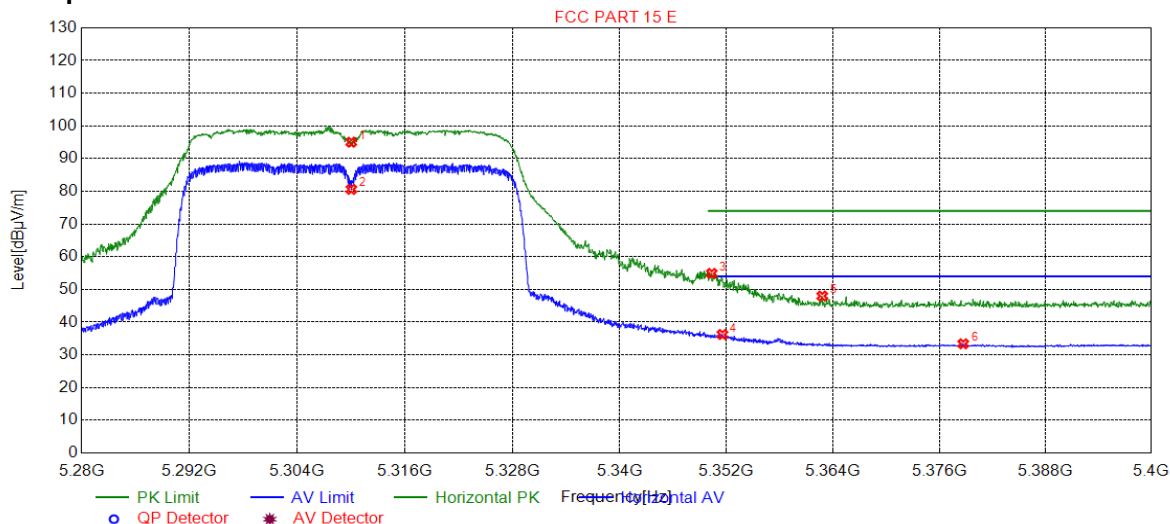
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4.10.1.71 802.11AC40_CH62

Test Report

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	95.05	15.75	0.00	-95.05	121	282	Horizontal
2	5310.00	80.62	15.75	0.00	-80.62	182	344	Horizontal
3	5350.35	54.93	15.94	74.00	19.07	112	282	Horizontal
4	5351.55	36.24	15.95	54.00	17.76	207	289	Horizontal
5	5362.78	48.00	16.02	74.00	26.00	195	289	Horizontal
6	5378.68	33.40	16.12	54.00	20.60	200	276	Horizontal

Final Data List



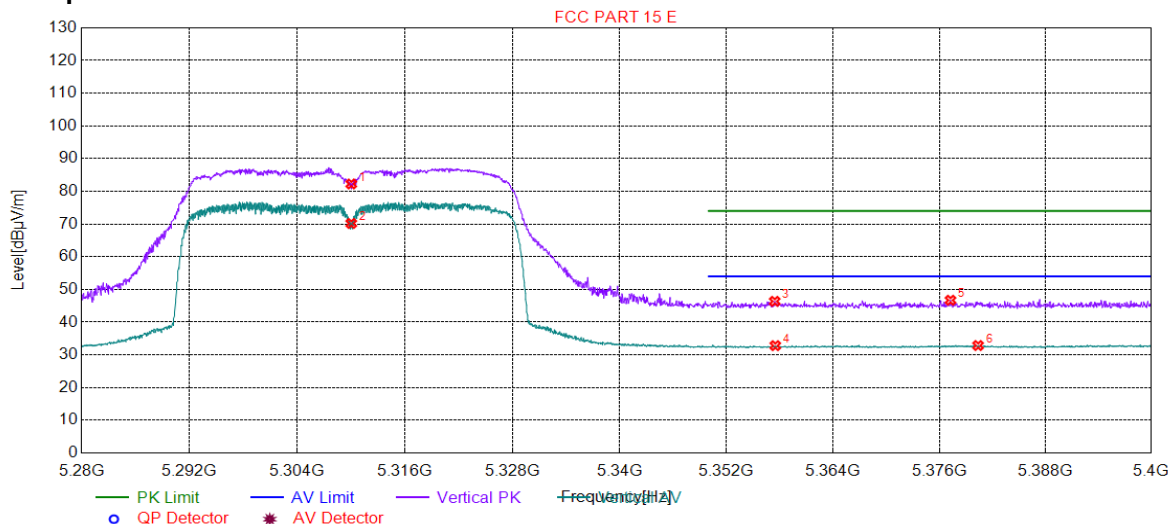
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4.10.1.72 802.11AC40_CH62

Test Report

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	82.27	15.75	0.00	-82.27	274	283	Vertical
2	5310.00	70.19	15.75	0.00	-70.19	205	297	Vertical
3	5357.43	46.38	15.99	74.00	27.62	197	168	Vertical
4	5357.49	32.83	15.99	54.00	21.17	291	345	Vertical
5	5377.24	46.72	16.11	74.00	27.28	158	15	Vertical
6	5380.37	32.87	16.13	54.00	21.13	178	98	Vertical

Final Data List



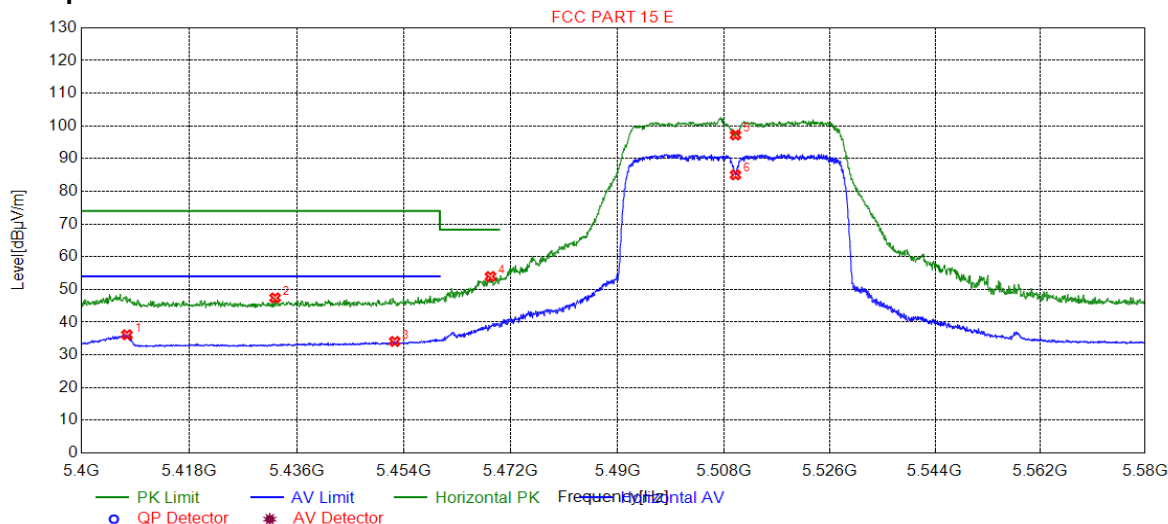
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4.10.1.73 802.11AC40_CH102

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5407.56	36.15	16.25	54.00	17.85	172	284	Horizontal
2	5432.32	47.44	16.25	74.00	26.56	120	311	Horizontal
3	5452.40	34.11	16.25	54.00	19.89	153	284	Horizontal
4	5468.52	53.97	16.25	68.30	14.33	140	284	Horizontal
5	5510.00	97.24	16.28	0.00	-97.24	160	284	Horizontal
6	5510.00	85.04	16.28	0.00	-85.04	232	284	Horizontal

Final Data List



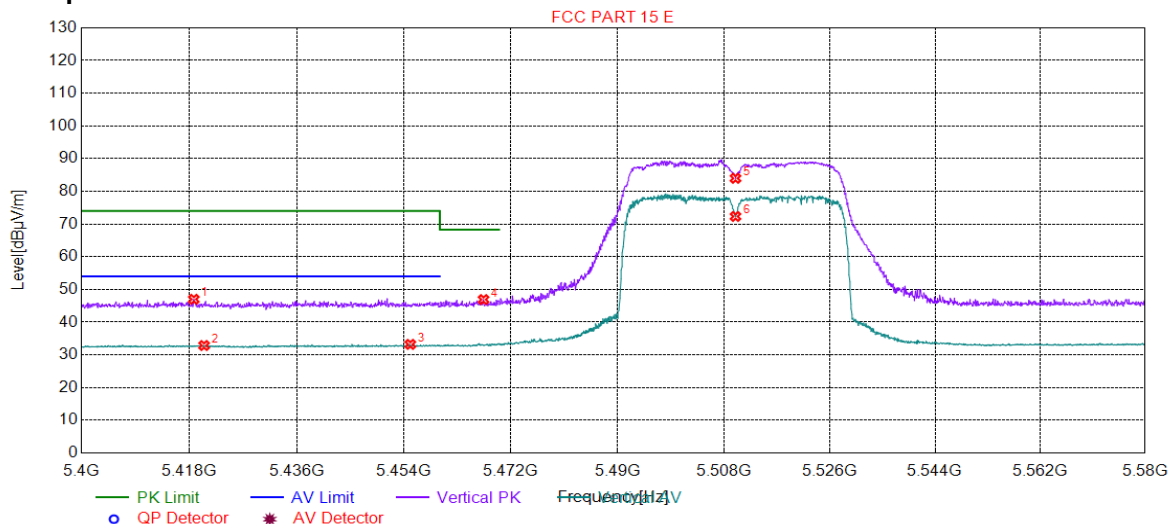
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4.10.1.74 802.11AC40_CH102

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5418.72	47.01	16.25	74.00	26.99	246	74	Vertical
2	5420.44	32.88	16.25	54.00	21.12	185	302	Vertical
3	5455.01	33.22	16.25	54.00	20.78	211	344	Vertical
4	5467.35	46.92	16.25	68.30	21.38	233	296	Vertical
5	5510.00	83.99	16.28	0.00	-83.99	286	144	Vertical
6	5510.00	72.33	16.28	0.00	-72.33	221	137	Vertical

Final Data List



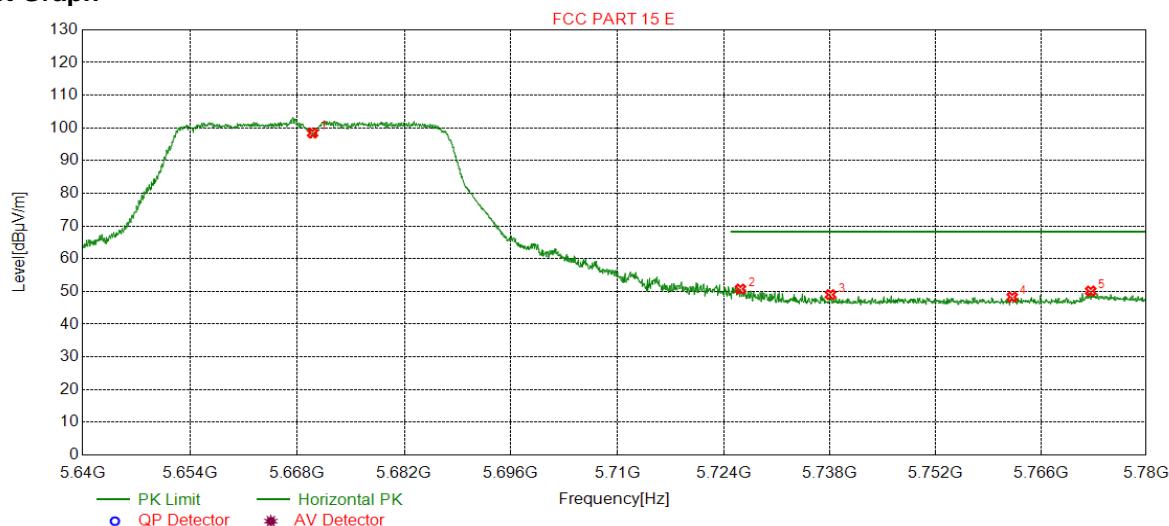
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4.10.1.75 802.11AC40_CH134

Test Report

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	98.42	16.64	0.00	-98.42	240	288	Horizontal
2	5726.21	50.75	16.97	68.30	17.55	245	283	Horizontal
3	5738.11	49.03	17.04	68.30	19.27	196	288	Horizontal
4	5762.21	48.32	17.14	68.30	19.98	171	269	Horizontal
5	5772.64	50.14	17.15	68.30	18.16	113	297	Horizontal

Final Data List



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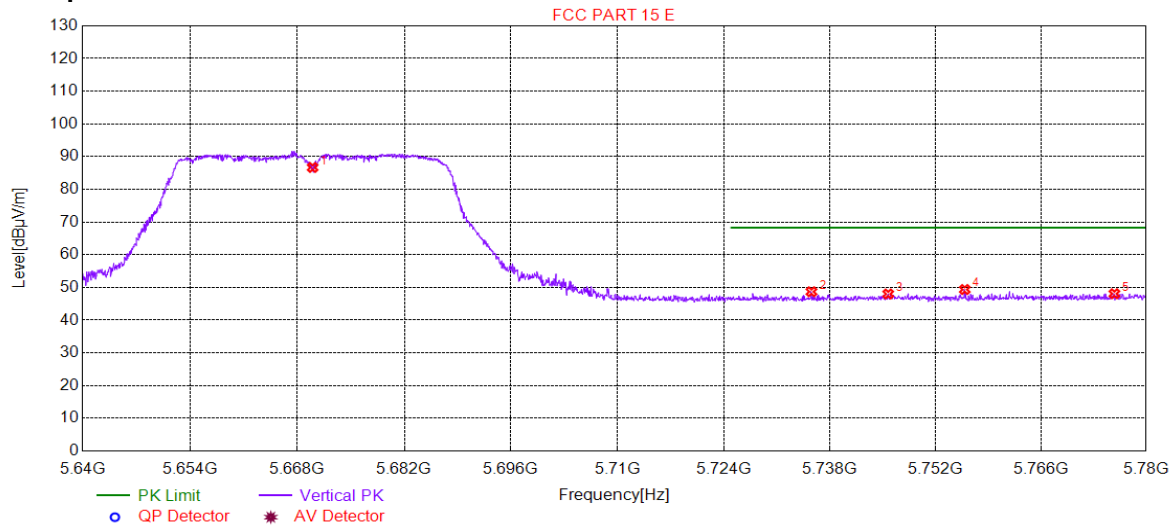
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4.10.1.76 802.11AC40_CH134

Test Report

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	86.70	16.64	0.00	-86.70	173	295	Vertical
2	5735.59	48.71	17.03	68.30	19.59	166	35	Vertical
3	5745.75	48.02	17.09	68.30	20.28	154	8	Vertical
4	5755.90	49.38	17.13	68.30	18.92	219	344	Vertical
5	5775.79	48.09	17.16	68.30	20.21	270	181	Vertical

Final Data List

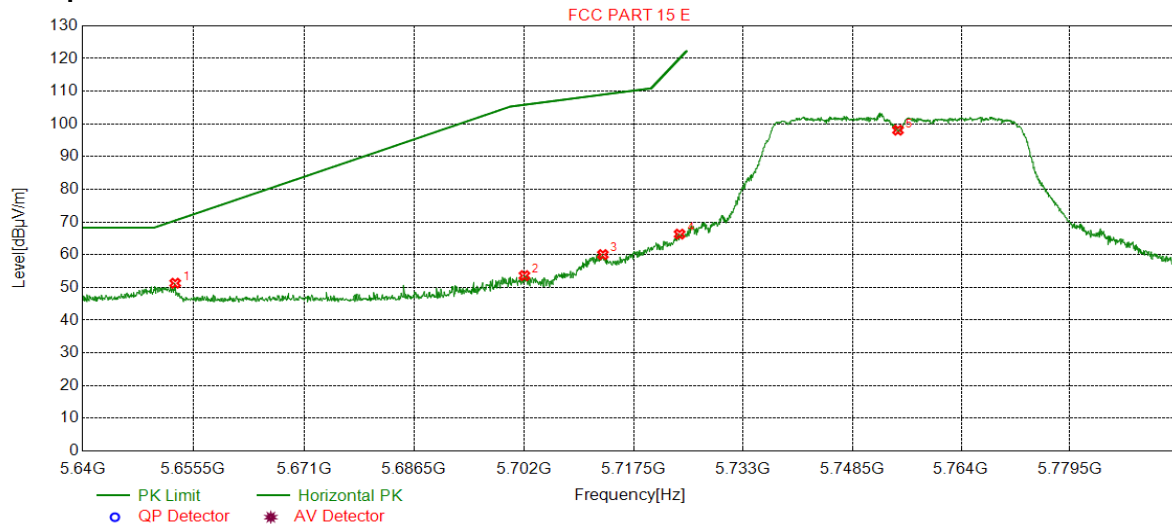


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4.10.1.77 802.11AC40_CH151

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5652.94	51.31	16.55	70.48	19.17	183	333	Horizontal
2	5702.03	53.62	16.81	105.87	52.25	199	291	Horizontal
3	5713.11	60.06	16.88	108.97	48.91	145	291	Horizontal
4	5723.97	66.32	16.95	119.96	53.64	168	291	Horizontal
5	5755.00	98.10	17.13	0.00	-98.10	219	296	Horizontal

Final Data List



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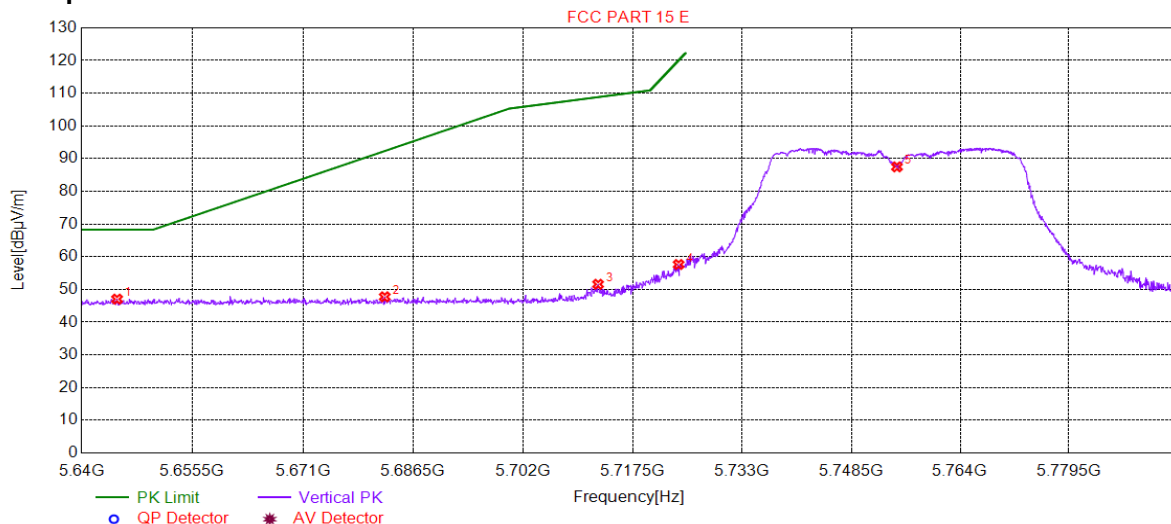
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4.10.1.78 802.11AC40_CH151

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.96	47.06	16.54	68.30	21.24	265	198	Vertical
2	5682.49	47.76	16.71	92.34	44.58	231	60	Vertical
3	5712.57	51.60	16.88	108.82	57.22	180	322	Vertical
4	5723.97	57.64	16.95	119.96	62.32	235	299	Vertical
5	5755.00	87.49	17.13	0.00	-87.49	280	322	Vertical

Final Data List



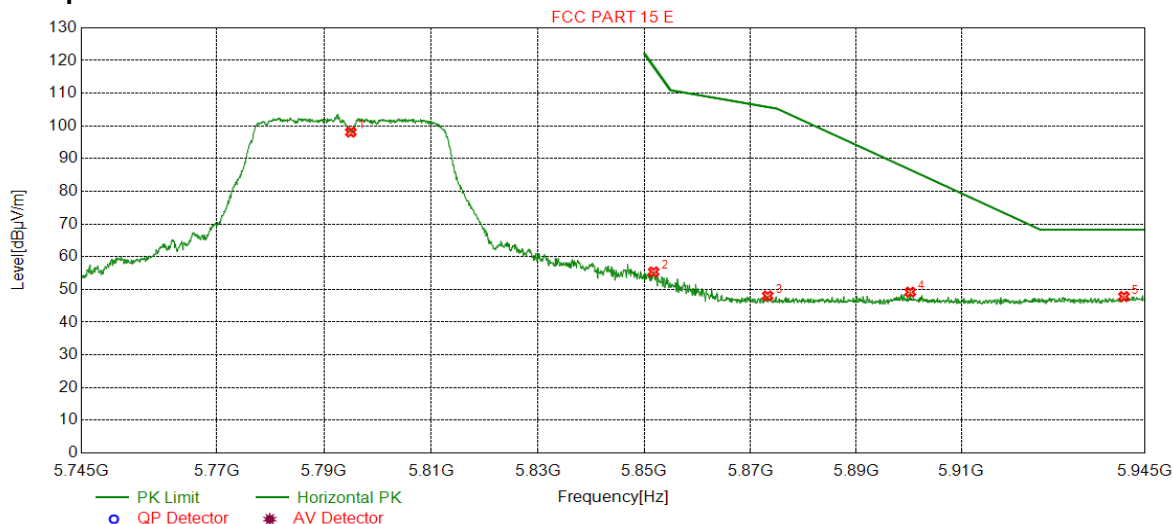
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4.10.1.79 802.11AC40_CH159

Test Report

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	98.12	17.18	0.00	-98.12	124	299	Horizontal
2	5851.75	55.39	17.25	118.30	62.91	181	304	Horizontal
3	5873.26	48.04	17.19	105.79	57.75	240	16	Horizontal
4	5900.27	49.21	17.11	86.59	37.38	131	295	Horizontal
5	5940.99	47.85	17.74	68.30	20.45	178	309	Horizontal

Final Data List



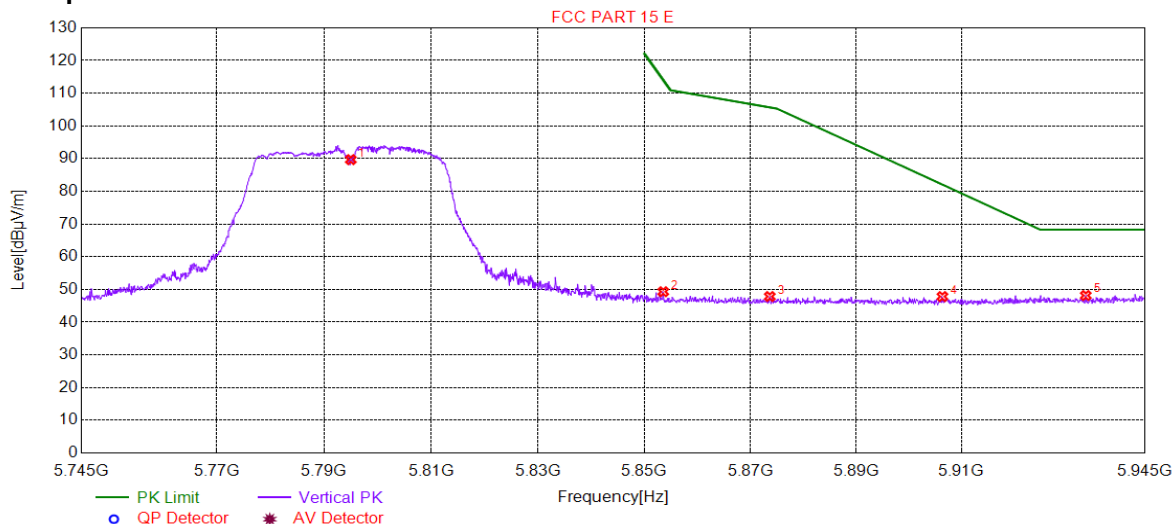


4.10.1.80

802.11AC40_CH159

Test Report

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	89.70	17.18	0.00	-89.70	271	313	Vertical
2	5853.55	49.32	17.25	114.20	64.88	179	331	Vertical
3	5873.66	47.85	17.19	105.67	57.82	220	203	Vertical
4	5906.38	47.84	17.21	82.08	34.24	171	70	Vertical
5	5933.69	48.16	17.63	68.30	20.14	191	107	Vertical

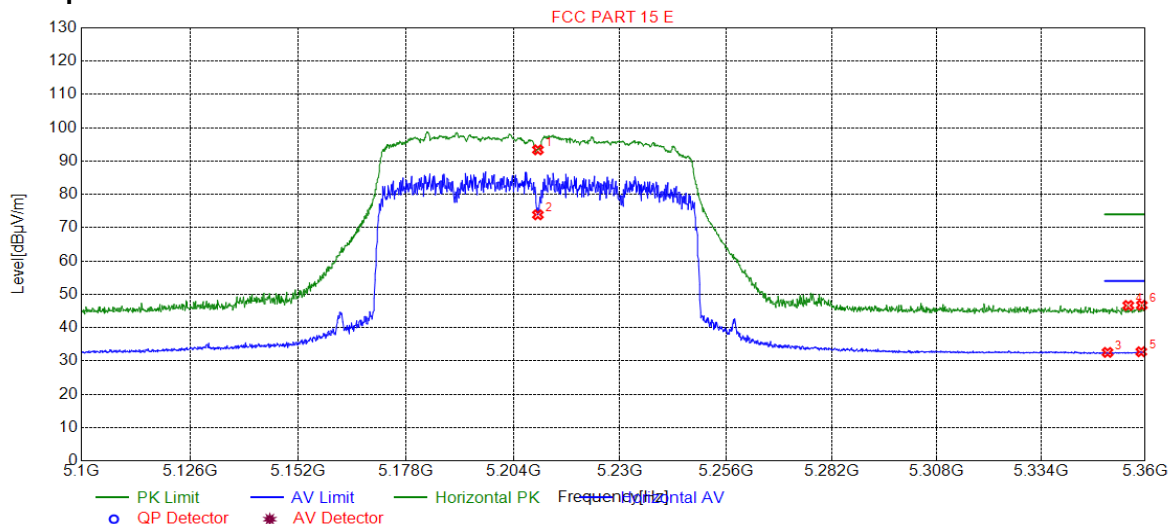
Final Data List



4.10.1.81 802.11AC80_CH42

Test Report

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	93.38	15.56	0.00	-93.38	129	291	Horizontal
2	5210.00	73.88	15.56	0.00	-73.88	143	339	Horizontal
3	5350.63	32.58	15.94	54.00	21.42	125	198	Horizontal
4	5355.83	46.66	15.98	74.00	27.34	245	76	Horizontal
5	5359.08	32.78	16.00	54.00	21.22	147	325	Horizontal
6	5359.21	46.75	16.00	74.00	27.25	216	36	Horizontal

Final Data List



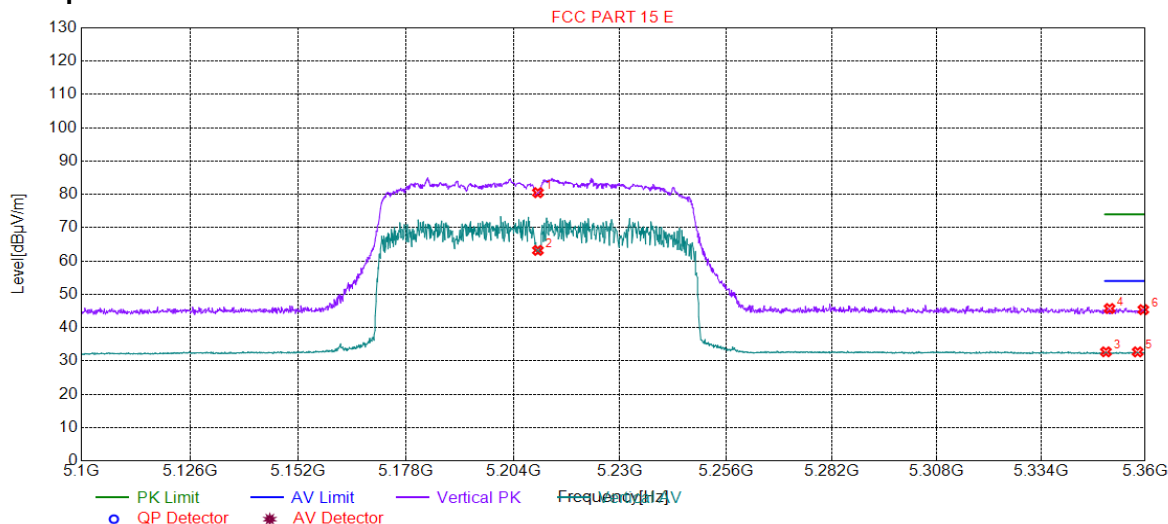
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4.10.1.82 802.11AC80_CH42

Test Report

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	80.53	15.56	0.00	-80.53	247	298	Vertical
2	5210.00	63.20	15.56	0.00	-63.20	161	318	Vertical
3	5350.24	32.75	15.94	54.00	21.25	238	132	Vertical
4	5351.15	45.75	15.95	74.00	28.25	267	344	Vertical
5	5358.17	32.74	15.99	54.00	21.26	212	318	Vertical
6	5359.60	45.41	16.00	74.00	28.59	195	35	Vertical

Final Data List



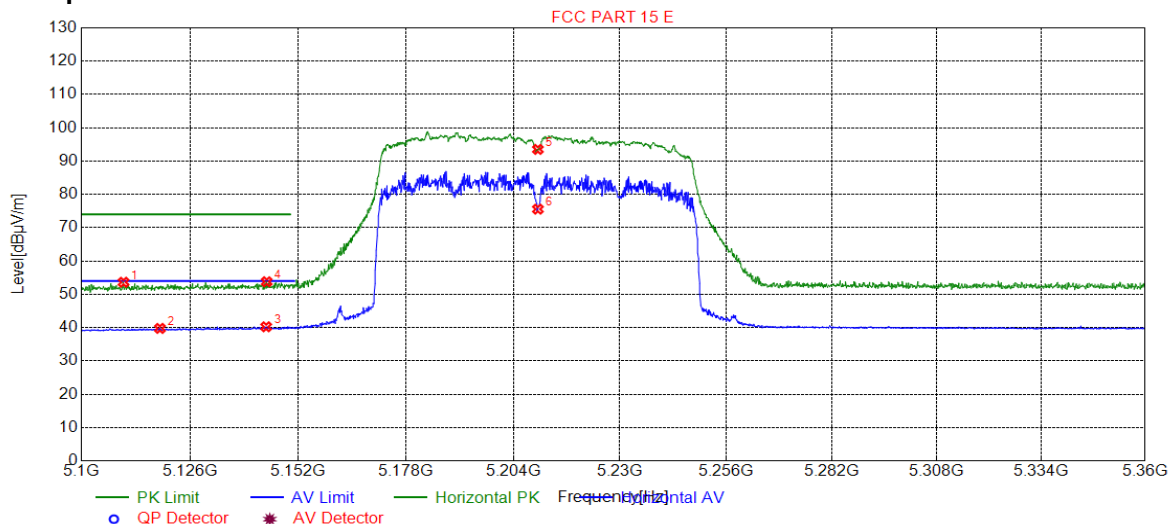
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4.10.1.83 802.11AC80_CH42

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5110.01	53.64	15.18	74.00	20.36	103	270	Horizontal
2	5118.72	39.79	15.25	54.00	14.21	127	105	Horizontal
3	5144.22	40.27	15.47	54.00	13.73	137	284	Horizontal
4	5144.35	53.80	15.47	74.00	20.20	203	347	Horizontal
5	5210.00	93.51	15.56	0.00	-93.51	240	284	Horizontal
6	5210.00	75.57	15.56	0.00	-75.57	239	332	Horizontal

Final Data List



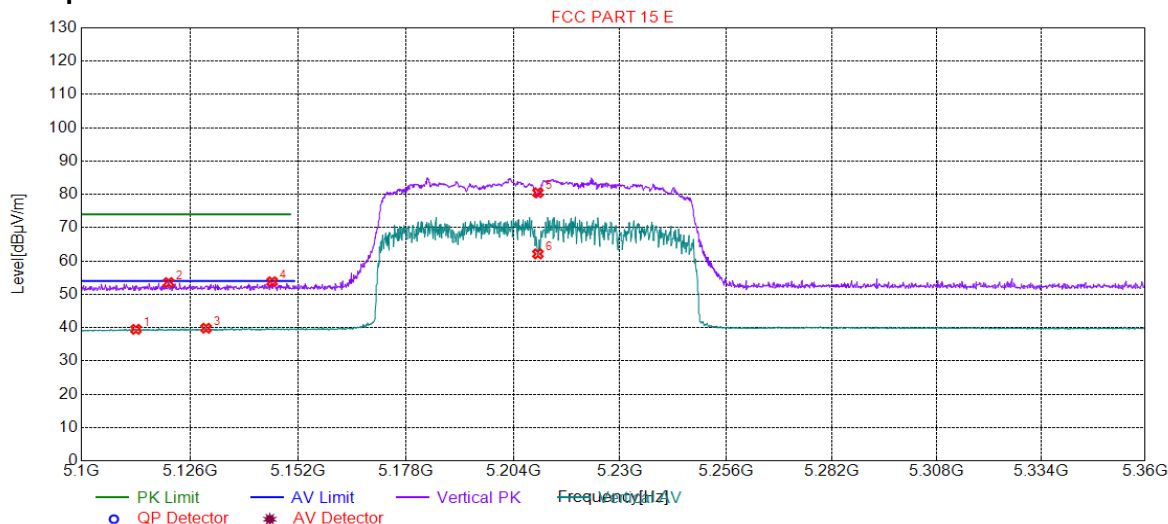
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4.10.1.84 802.11AC80_CH42

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5113.00	39.51	15.20	54.00	14.49	287	270	Vertical
2	5120.81	53.55	15.27	74.00	20.45	170	344	Vertical
3	5129.78	39.84	15.35	54.00	14.16	255	186	Vertical
4	5145.65	53.79	15.48	74.00	20.21	263	221	Vertical
5	5210.00	80.52	15.56	0.00	-80.52	270	317	Vertical
6	5210.00	62.14	15.56	0.00	-62.14	169	116	Vertical

Final Data List



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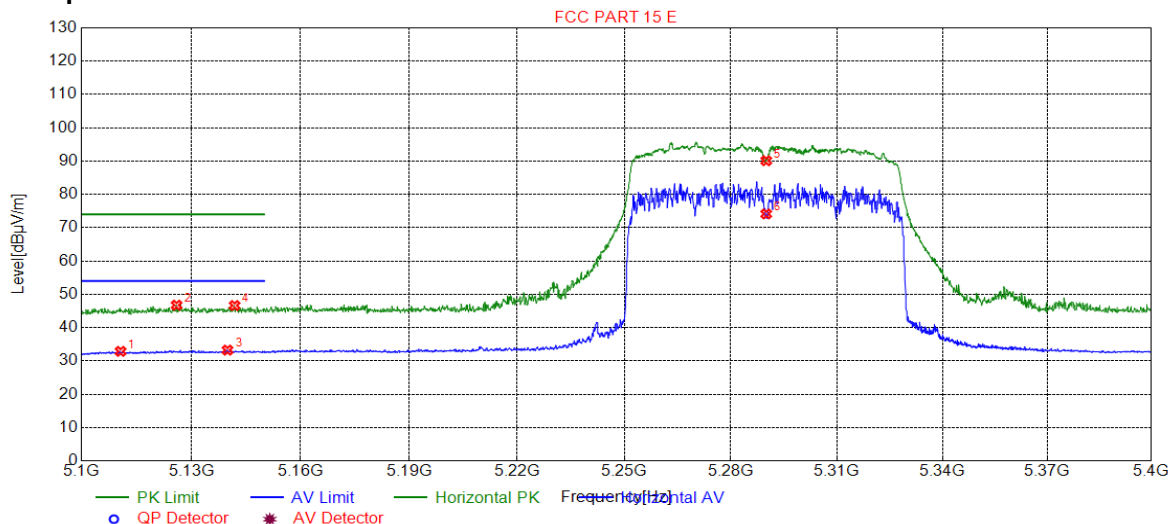
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4.10.1.85 802.11AC80_CH58

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5110.65	32.89	15.18	54.00	21.11	204	298	Horizontal
2	5125.96	46.76	15.31	74.00	27.24	233	354	Horizontal
3	5139.92	33.27	15.43	54.00	20.73	208	284	Horizontal
4	5141.87	46.65	15.45	74.00	27.35	237	270	Horizontal
5	5290.00	90.11	15.65	0.00	-90.11	133	284	Horizontal
6	5290.00	74.15	15.65	0.00	-74.15	195	284	Horizontal

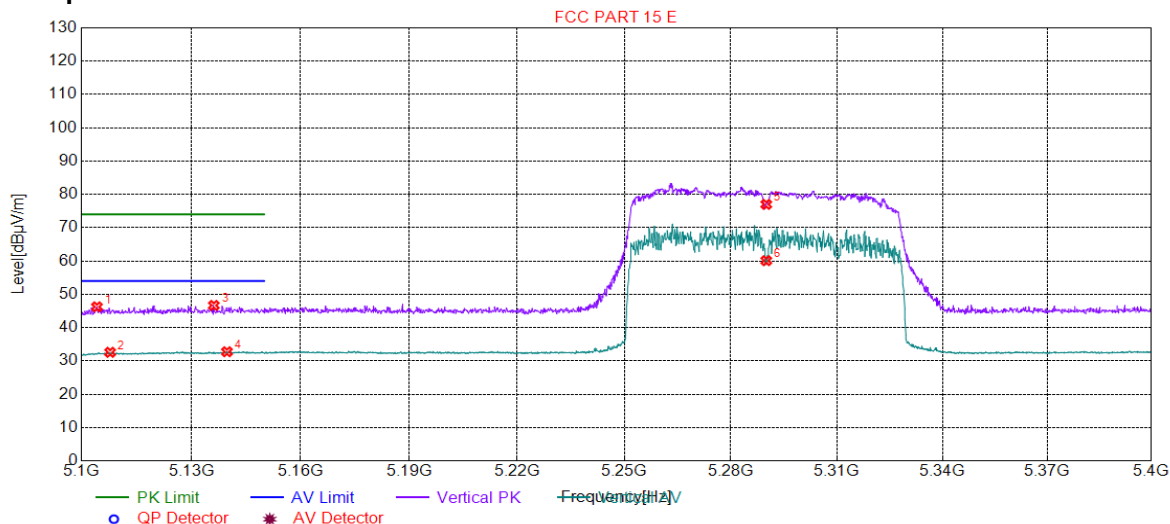
Final Data List



4.10.1.86 802.11AC80_CH58

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5104.20	46.26	15.13	74.00	27.74	297	276	Vertical
2	5107.80	32.61	15.16	54.00	21.39	227	111	Vertical
3	5136.16	46.68	15.40	74.00	27.32	265	206	Vertical
4	5139.76	32.78	15.43	54.00	21.22	213	248	Vertical
5	5290.00	77.02	15.65	0.00	-77.02	211	304	Vertical
6	5290.00	60.12	15.65	0.00	-60.12	232	304	Vertical

Final Data List



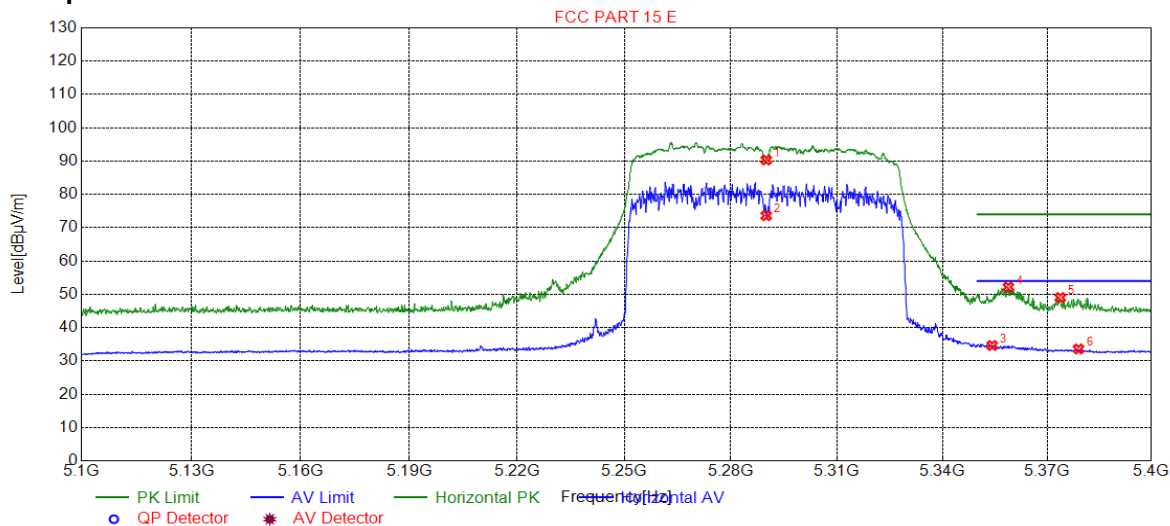
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4.10.1.87 802.11AC80_CH58

Test Report

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	90.34	15.65	0.00	-90.34	135	291	Horizontal
2	5290.00	73.62	15.65	0.00	-73.62	106	332	Horizontal
3	5354.22	34.67	15.97	54.00	19.33	141	284	Horizontal
4	5358.87	52.18	16.00	74.00	21.82	132	284	Horizontal
5	5373.73	49.04	16.09	74.00	24.96	159	339	Horizontal
6	5378.98	33.61	16.12	54.00	20.39	126	291	Horizontal

Final Data List



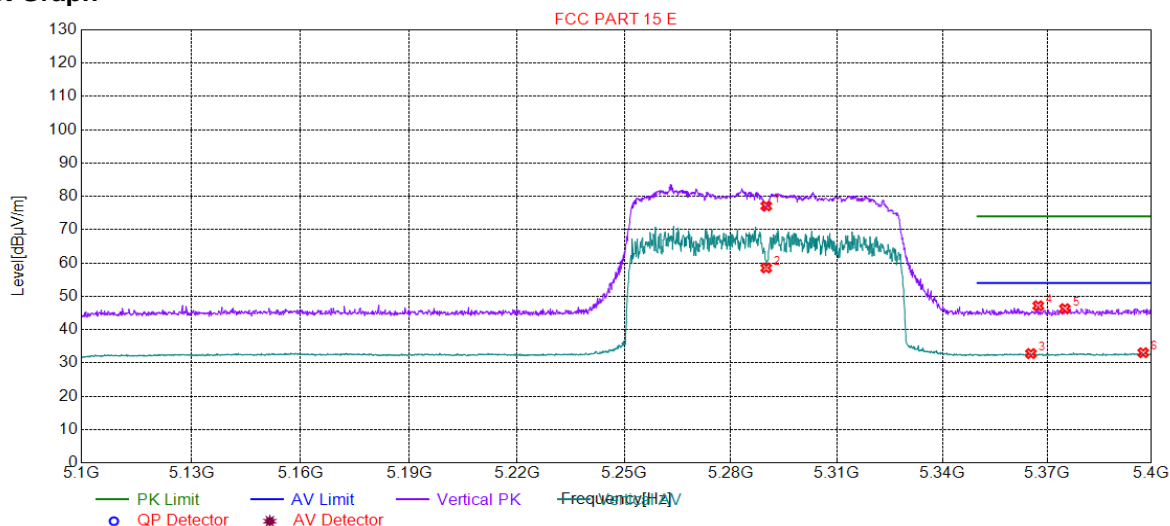
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4.10.1.88 802.11AC80_CH58

Test Report

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	77.13	15.65	0.00	-77.13	243	304	Vertical
2	5290.00	58.53	15.65	0.00	-58.53	213	152	Vertical
3	5365.33	32.83	16.04	54.00	21.17	192	138	Vertical
4	5367.43	47.17	16.05	74.00	26.83	187	69	Vertical
5	5375.08	46.31	16.10	74.00	27.69	181	41	Vertical
6	5397.59	33.09	16.24	54.00	20.91	257	228	Vertical

Final Data List



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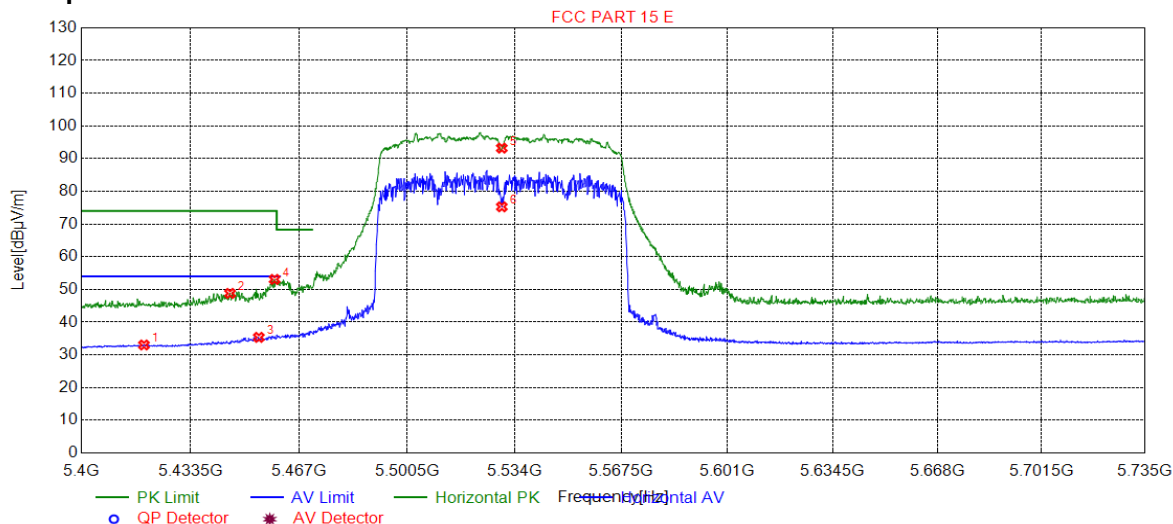
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4.10.1.89 802.11AC80_CH106

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5419.10	33.03	16.25	54.00	20.97	134	284	Horizontal
2	5445.58	48.81	16.25	74.00	25.19	132	277	Horizontal
3	5454.46	35.37	16.25	54.00	18.63	198	284	Horizontal
4	5459.32	53.08	16.25	74.00	20.92	168	277	Horizontal
5	5530.00	93.22	16.35	0.00	-93.22	156	284	Horizontal
6	5530.00	75.27	16.35	0.00	-75.27	241	291	Horizontal

Final Data List



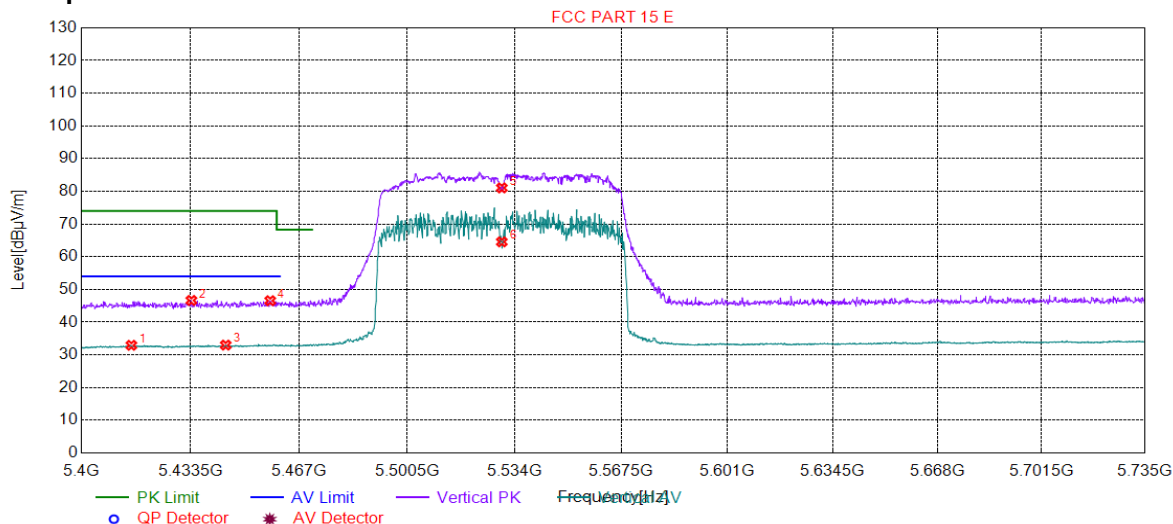
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4.10.1.90 802.11AC80_CH106

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5415.25	32.94	16.25	54.00	21.06	222	335	Vertical
2	5433.68	46.65	16.25	74.00	27.35	250	246	Vertical
3	5444.24	33.00	16.25	54.00	21.00	279	69	Vertical
4	5457.98	46.57	16.25	74.00	27.43	242	22	Vertical
5	5530.00	81.06	16.35	0.00	-81.06	238	301	Vertical
6	5530.00	64.56	16.35	0.00	-64.56	223	308	Vertical

Final Data List



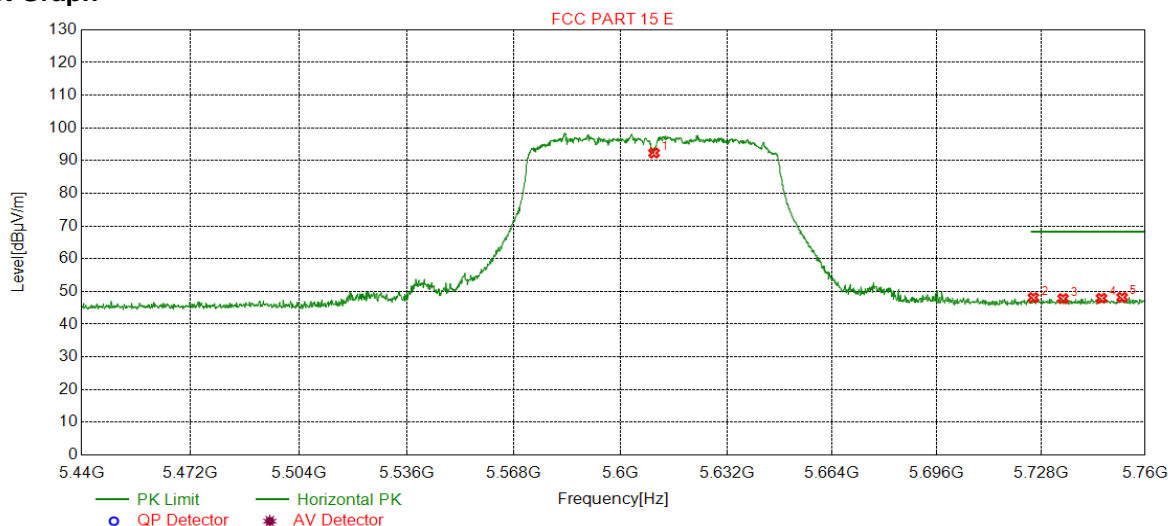
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4.10.1.91 802.11AC80_CH122

Test Report

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	92.34	16.58	0.00	-92.34	180	283	Horizontal
2	5725.58	48.13	16.96	68.30	20.17	245	29	Horizontal
3	5734.70	47.83	17.02	68.30	20.47	189	340	Horizontal
4	5746.55	47.93	17.10	68.30	20.37	213	74	Horizontal
5	5752.95	48.22	17.12	68.30	20.08	191	126	Horizontal

Final Data List

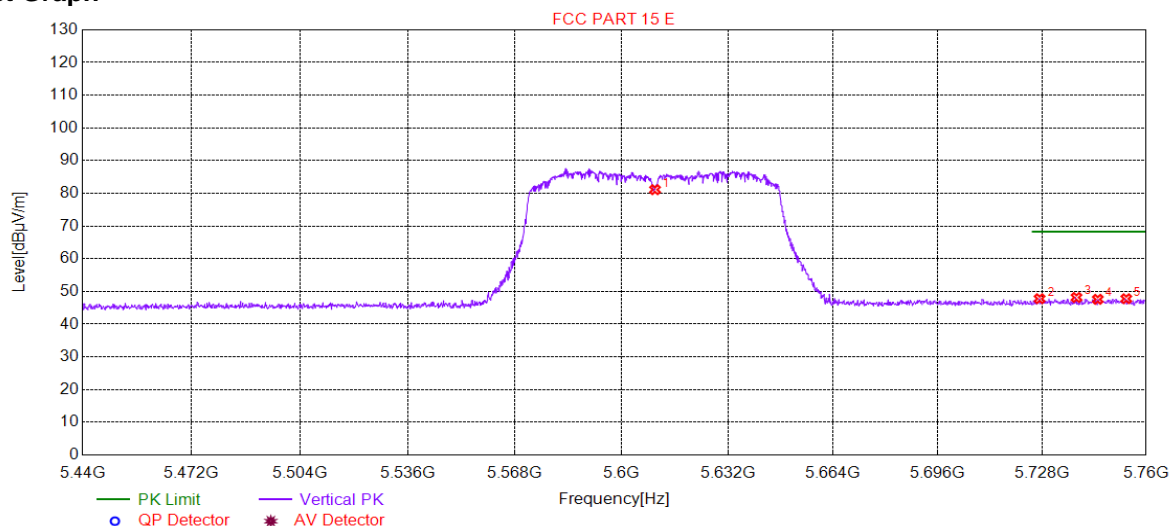




4.10.1.92 802.11AC80_CH122

Test Report

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	81.13	16.58	0.00	-81.13	205	327	Vertical
2	5727.18	47.79	16.97	68.30	20.51	270	116	Vertical
3	5738.54	48.17	17.05	68.30	20.13	246	84	Vertical
4	5745.11	47.61	17.09	68.30	20.69	200	84	Vertical
5	5753.91	47.79	17.13	68.30	20.51	204	48	Vertical

Final Data List

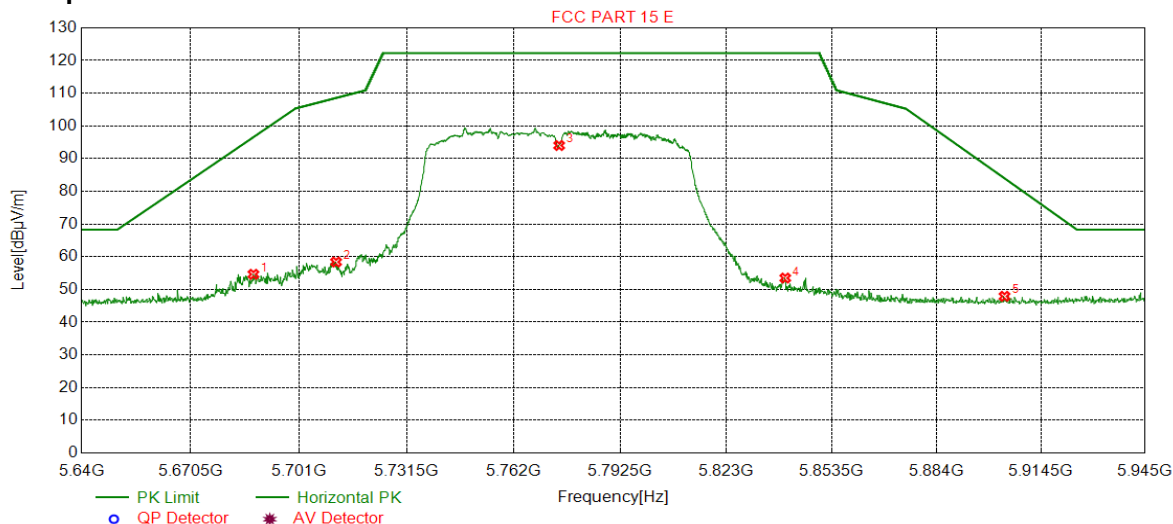




4.10.1.93 802.11AC80_CH155

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5688.21	54.65	16.74	96.58	41.93	242	290	Horizontal
2	5711.55	58.40	16.87	108.54	50.14	198	290	Horizontal
3	5775.00	94.03	17.16	122.30	28.27	165	290	Horizontal
4	5840.02	53.50	17.25	122.30	68.80	134	290	Horizontal
5	5903.80	47.92	17.17	83.98	36.06	151	189	Horizontal

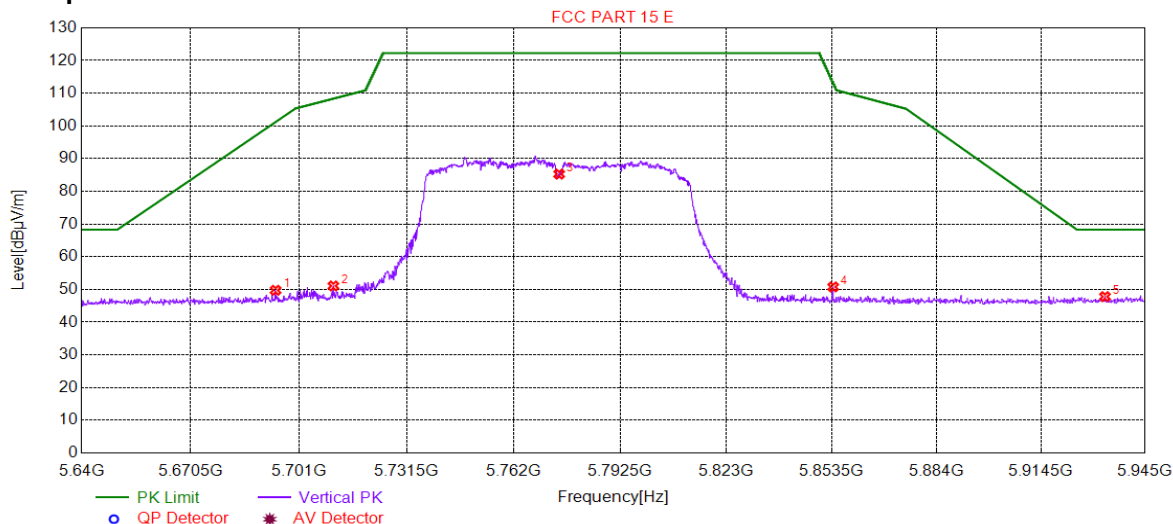
Final Data List



4.10.1.94 802.11AC80_CH155

Test Report

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5694.46	49.76	16.77	101.21	51.45	162	299	Vertical
2	5710.79	51.09	16.87	108.32	57.23	179	299	Vertical
3	5775.00	85.29	17.16	122.30	37.01	264	304	Vertical
4	5853.91	50.78	17.25	113.38	62.60	210	299	Vertical
5	5933.25	47.81	17.62	68.30	20.49	275	277	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.

4.11 Frequencies Stability

4.11.1 Frequency Error vs. Voltage:

Test Conditions	Measured Frequency (MHz)	
	5180	5825
V nom(V)	5180.006641	5825.008576
V max(V)	5180.013538	5825.013093
V min(V)	5180.021786	5825.014133
Max. Deviation Frequency	0.021786	0.014133
Max. Frequency Error (ppm)	4.205795	2.426318

4.11.2 Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency (MHz)	
	5180	5825
-5	5180.008310	5825.008331
5	5180.013512	5825.014963
15	5180.017614	5825.021816
25	5180.021611	5825.022108
35	5180.027627	5825.025890
45	5180.034444	5825.030097
50	5180.039945	5825.039037
Max. Deviation Frequency	0.039945	0.039037
Max. Frequency Error (ppm)	7.711411	6.701582



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.		



4.12.2 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
<p>Note 1: This is the level at the input of the receiver assuming a 0 dBi receive antenna.</p> <p>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.</p> <p>Note3: EIRP is based on the highest antenna gain. For MIMO devices refer to KDB Publication 662911 D01.</p>	

4.12.3 Response Requirements

Table 4: DFS Response Requirement Values

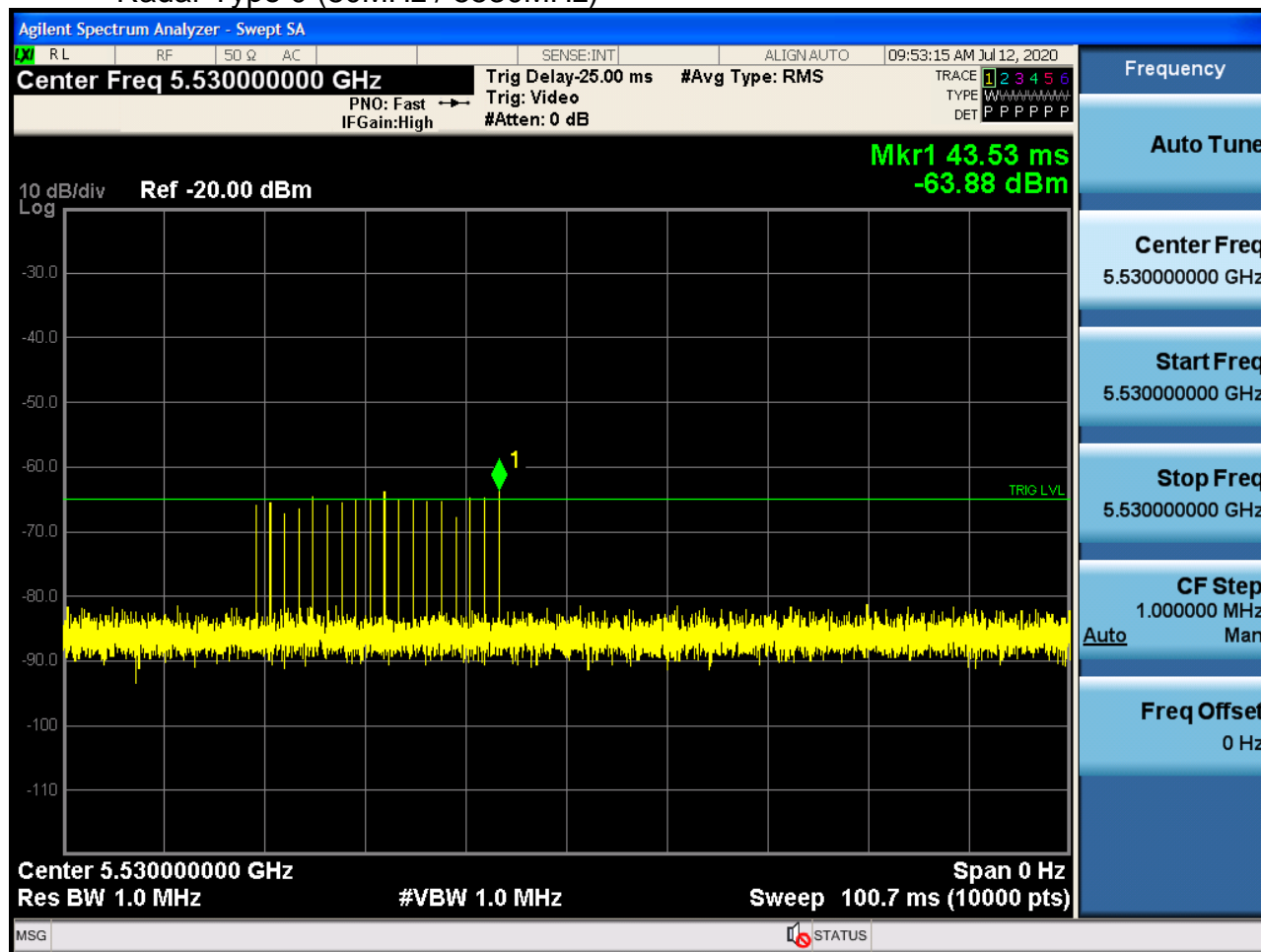
Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
<p>Note 1: <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p>Note 2: The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> 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.</p> <p>Note 3: During the <i>U-NII Detection Bandwidth</i> 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.</p>	



4.12.4 Test plots

4.12.4.1 Radar Waveform Calibration Result

Radar Type 0 (80MHz / 5530MHz)

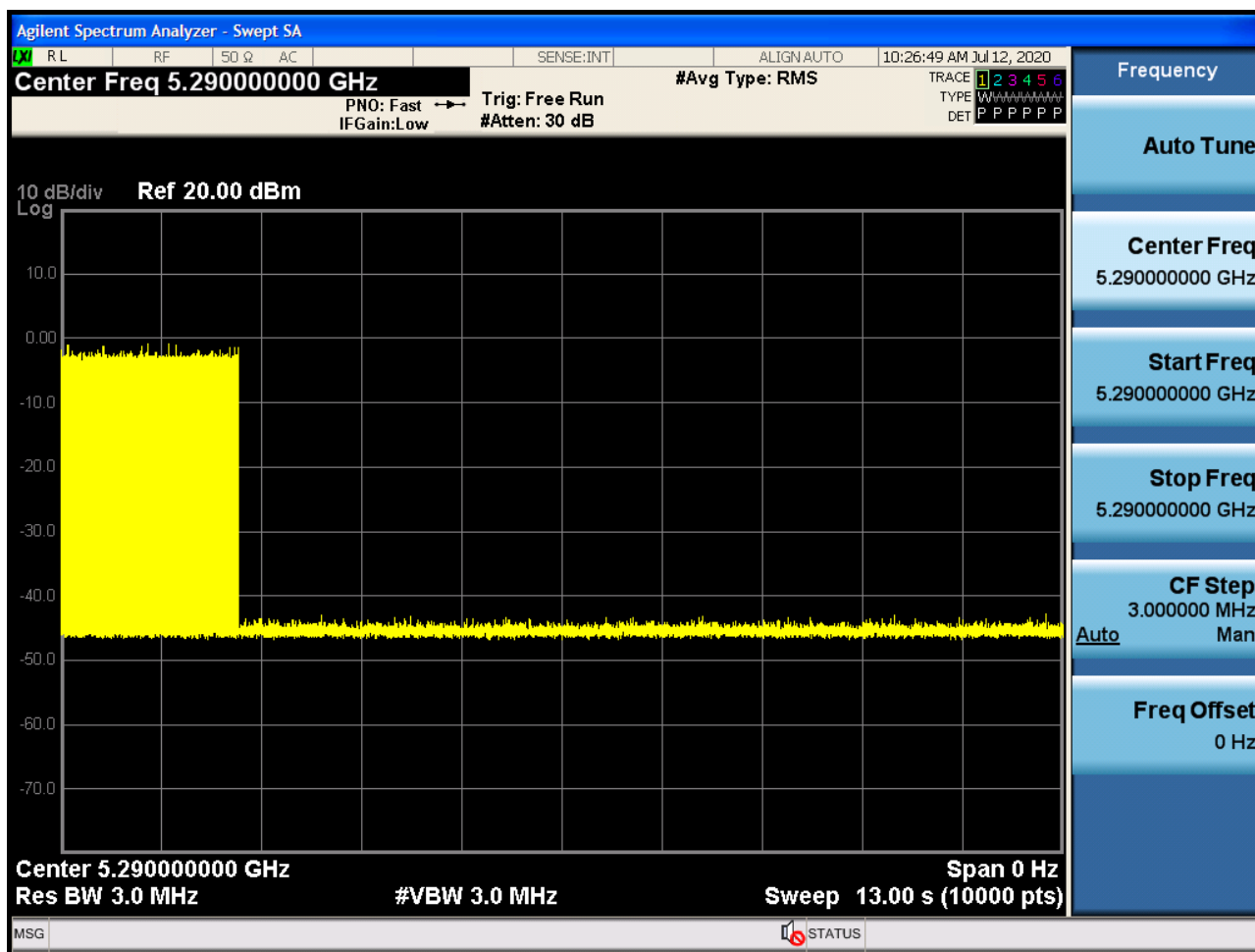


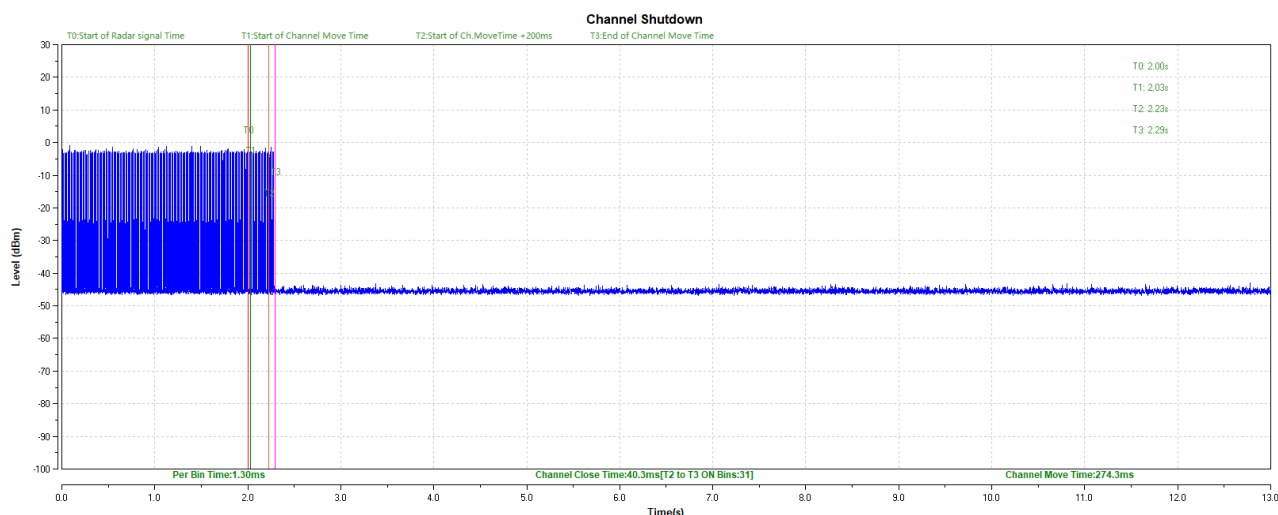
4.12.5 Test Data:

BW/Channel	Test Item	Test Result	Limit	Results
80MHz / 5290MHz	Channel Move Time	2.71s	<10s	Pass
	Channel Closing Transmission Time	40.3ms	<60ms	Pass
80MHz / 5530MHz	Channel Move Time	3.43s	<10s	Pass
	Channel Closing Transmission Time	53.3ms	<60ms	Pass

4.12.5.1 Test plots

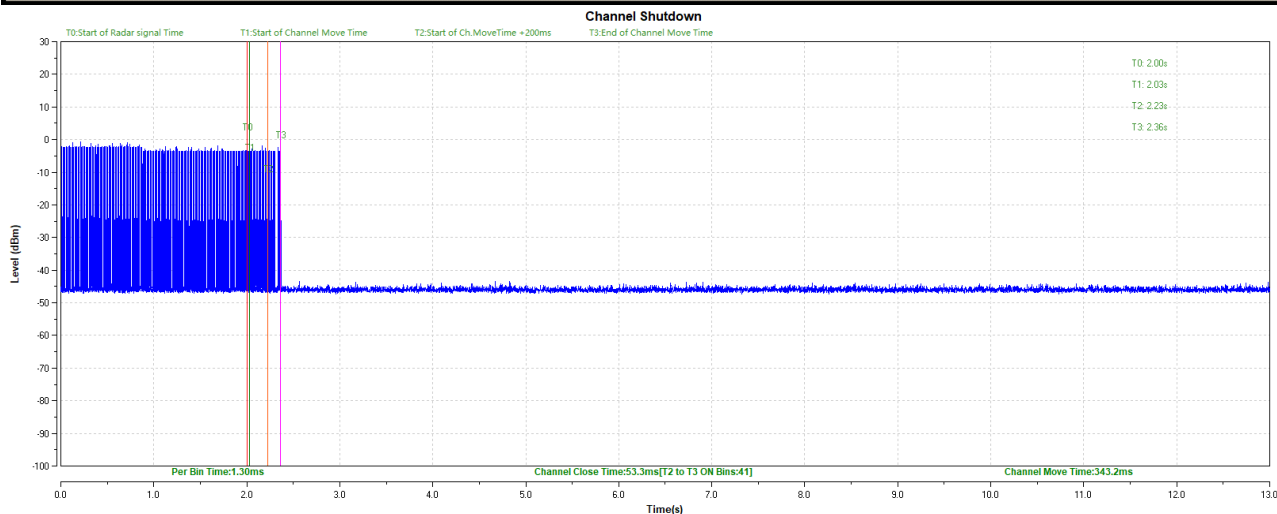
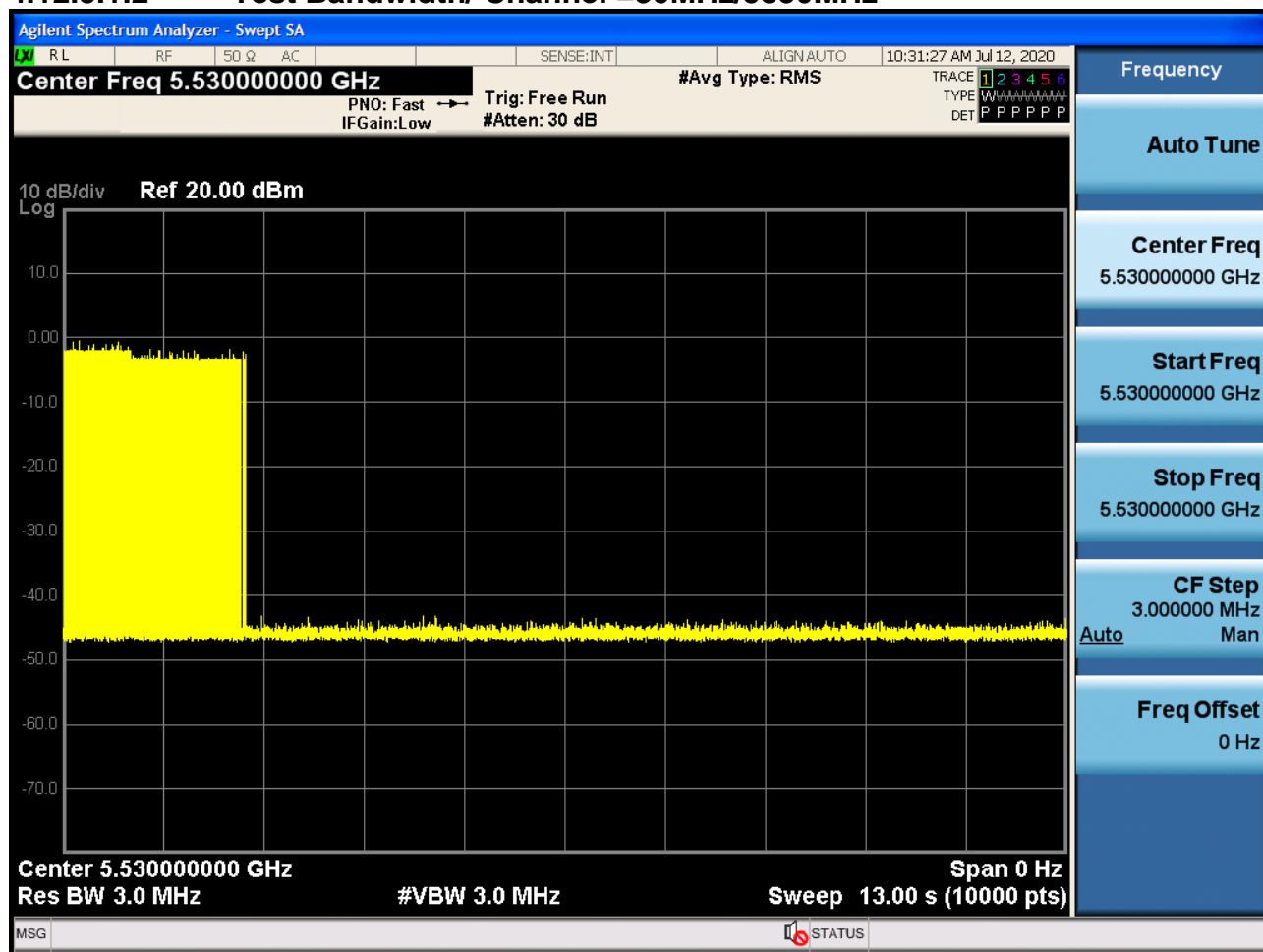
4.12.5.1.1 Test Bandwidth/Channel= 80MHz / 5290MHz







4.12.5.1.2 Test Bandwidth/ Channel =80MHz/5530MHz



5 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	Conduction Emission	$\pm 3.0\text{dB}$ (150kHz to 30MHz)
2	Radiated Emission	$\pm 4.8\text{dB}$ (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)



6 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	2019/7/14	2020/7/14
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	2019/7/14	2020/7/14
Temperature Chamber	GIANT FORCE	ICT-150-40-CP-AR	W027-03	2019/10/27	2020/10/27
Power Meter	Rohde & Schwarz	NRVS	SEM014-02	2019/7/14	2020/7/14
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	2019-09-07	2020-09-06
Artificial network	ROHDE&SCHWARZ	ENV216	XAW01-04-03	2019-12-11	2020-12-10
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
Spectrum Analyzer	Keysight	N9020B	XAW01-11-03	2020-04-15	2021-04-14
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-01	2019-09-07	2020-09-06
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

7 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for ZR/2020/60028.

The End

