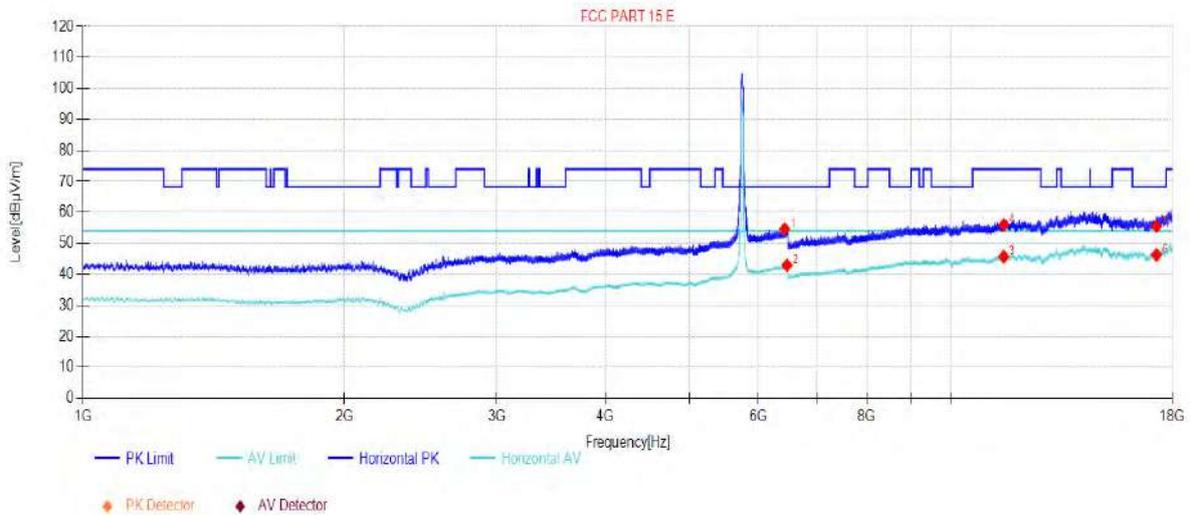


4.3.1.103 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6435.46	54.61	18.36	68.20	13.59	174	220	Horizontal
2	6477.63	42.95	18.59	54.00	11.05	169	256	Horizontal
3	11510.0	45.72	2.17	54.00	8.28	183	308	Horizontal
4	11510.0	55.98	2.17	74.00	18.02	179	192	Horizontal
5	17265.0	55.52	6.33	68.20	12.68	165	327	Horizontal
6	17265.0	46.28	6.33	54.00	7.72	149	327	Horizontal

Final Data List

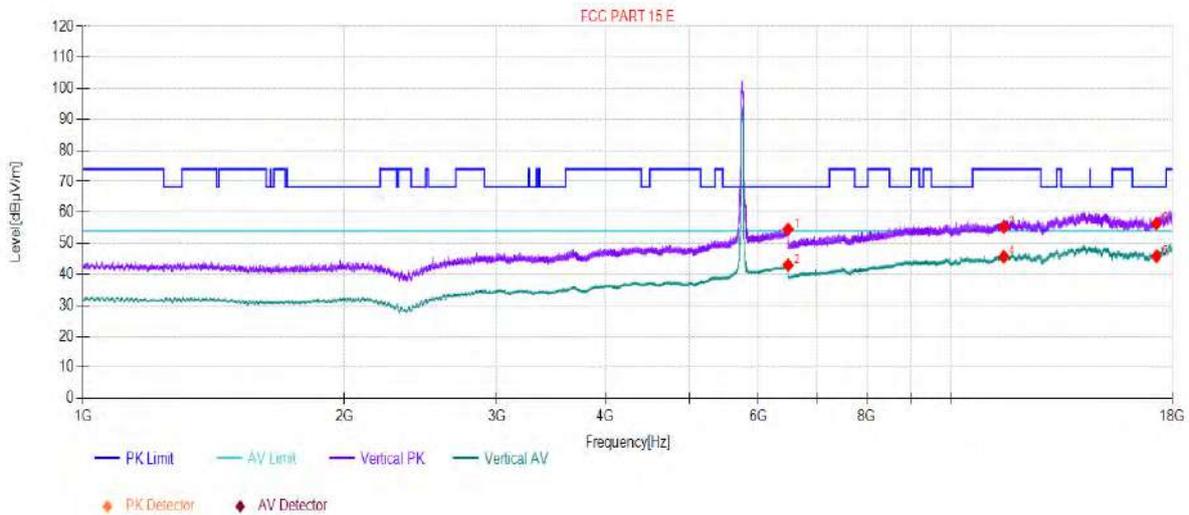


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4.3.1.104 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6495.59	54.59	18.69	68.20	13.61	245	161	Vertical
2	6495.59	43.03	18.69	54.00	10.97	247	158	Vertical
3	11510.0	55.27	2.17	74.00	18.73	263	148	Vertical
4	11510.0	45.71	2.17	54.00	8.29	278	55	Vertical
5	17265.0	45.83	6.33	54.00	8.17	211	96	Vertical
6	17265.0	56.42	6.33	68.20	11.78	247	276	Vertical

Final Data List

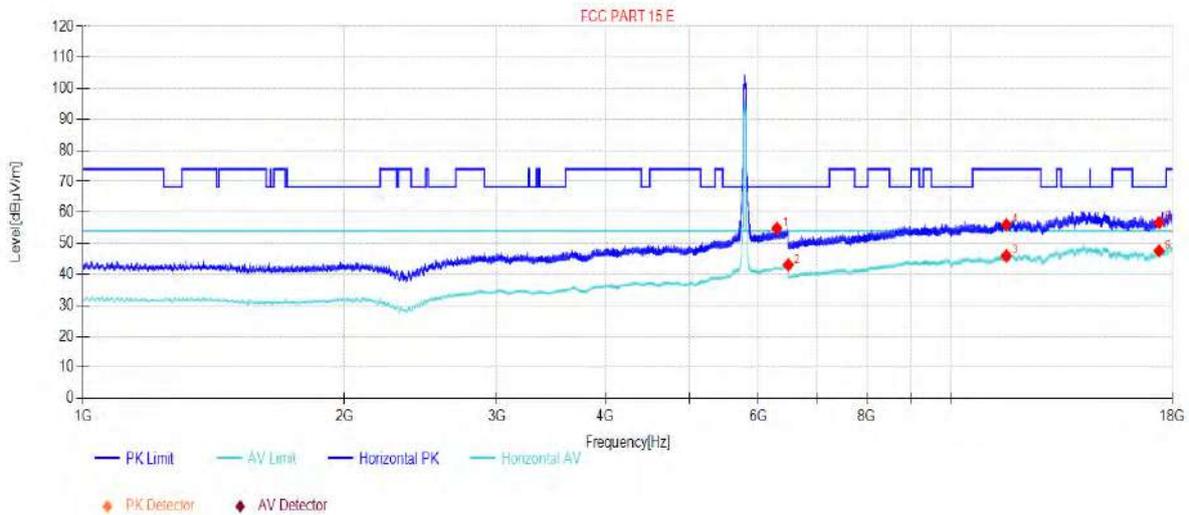


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4.3.1.105 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6305.65	54.83	18.47	68.20	13.37	147	346	Horizontal
2	6498.16	43.06	18.70	54.00	10.94	165	254	Horizontal
3	11590.0	45.98	3.16	54.00	8.02	168	205	Horizontal
4	11590.0	56.02	3.16	74.00	17.98	176	358	Horizontal
5	17385.0	56.67	6.82	68.20	11.53	149	290	Horizontal
6	17385.0	47.54	6.82	54.00	6.46	183	222	Horizontal

Final Data List

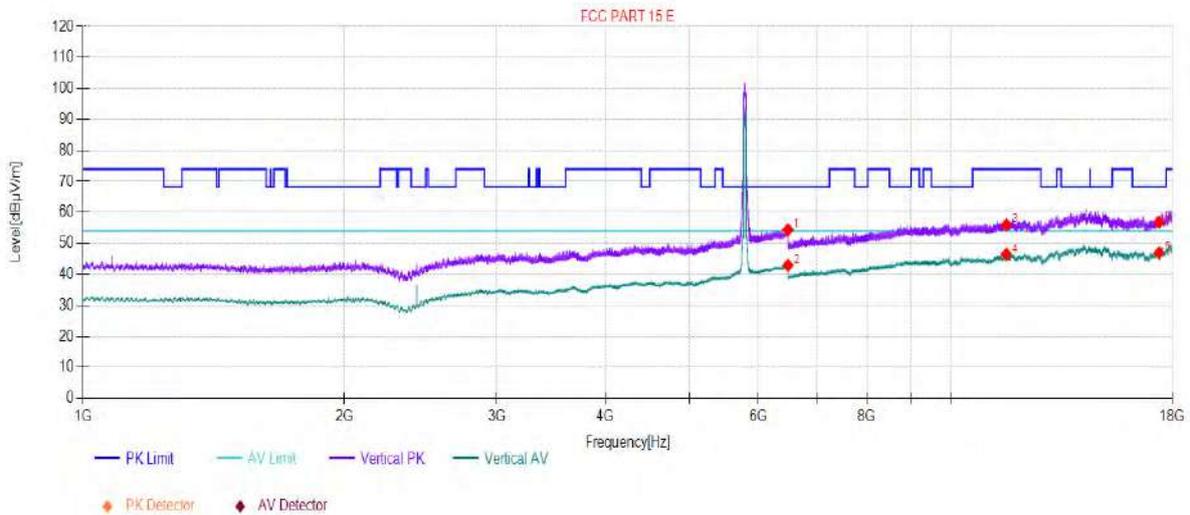


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4.3.1.106 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6493.39	54.39	18.68	68.20	13.81	224	154	Vertical
2	6494.86	42.94	18.69	54.00	11.06	246	238	Vertical
3	11590.0	55.98	3.16	74.00	18.02	279	189	Vertical
4	11590.0	46.45	3.16	54.00	7.55	248	332	Vertical
5	17385.0	46.91	6.82	54.00	7.09	249	295	Vertical
6	17385.0	56.84	6.82	68.20	11.36	264	2	Vertical

Final Data List



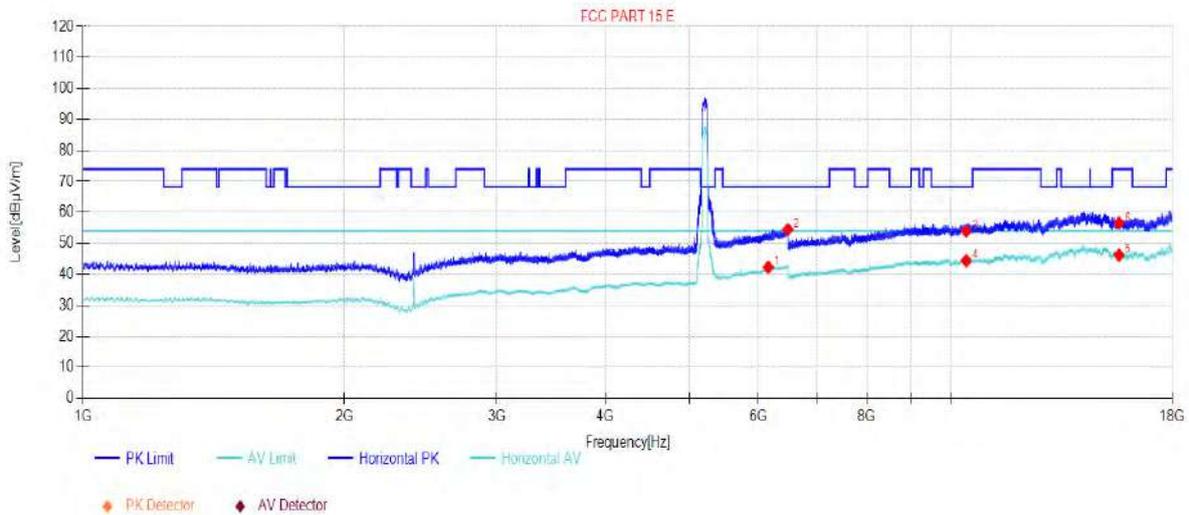
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4.3.1.107 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6162.27	42.34	17.92	54.00	11.66	157	97	Horizontal
2	6493.76	54.47	18.68	68.20	13.73	163	45	Horizontal
3	10420.0	53.91	2.44	68.20	14.29	178	212	Horizontal
4	10420.0	44.40	2.44	54.00	9.60	196	358	Horizontal
5	15630.0	46.22	6.12	54.00	7.78	147	260	Horizontal
6	15630.0	56.56	6.12	74.00	17.44	183	267	Horizontal

Final Data List

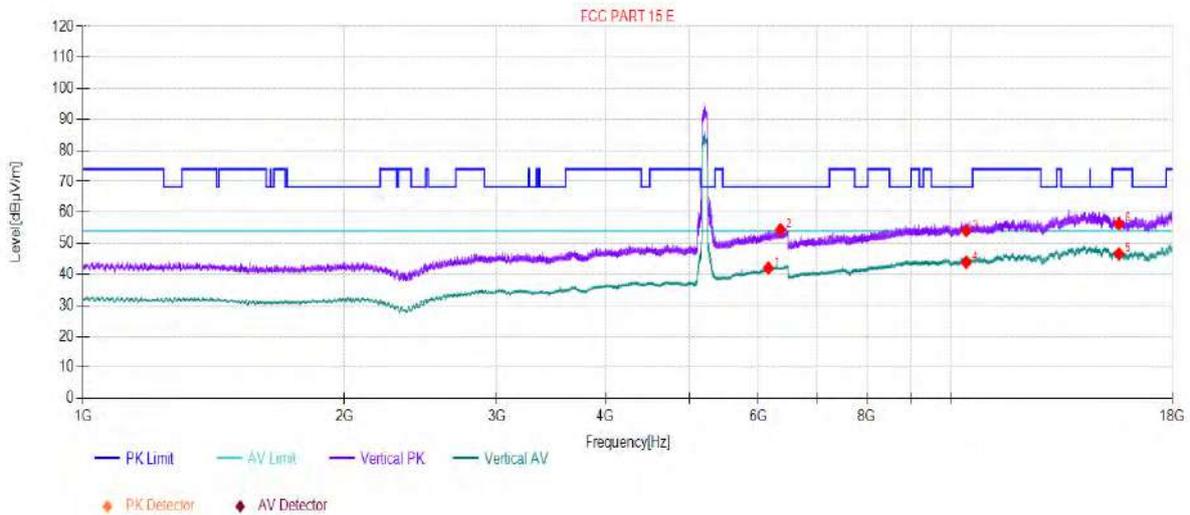


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4.3.1.108 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6163.74	42.03	17.92	54.00	11.97	222	67	Vertical
2	6366.15	54.49	18.27	68.20	13.71	247	214	Vertical
3	10420.0	54.05	2.44	68.20	14.15	263	38	Vertical
4	10420.0	43.91	2.44	54.00	10.09	278	190	Vertical
5	15630.0	46.63	6.12	54.00	7.37	254	354	Vertical
6	15630.0	56.36	6.12	74.00	17.64	261	108	Vertical

Final Data List



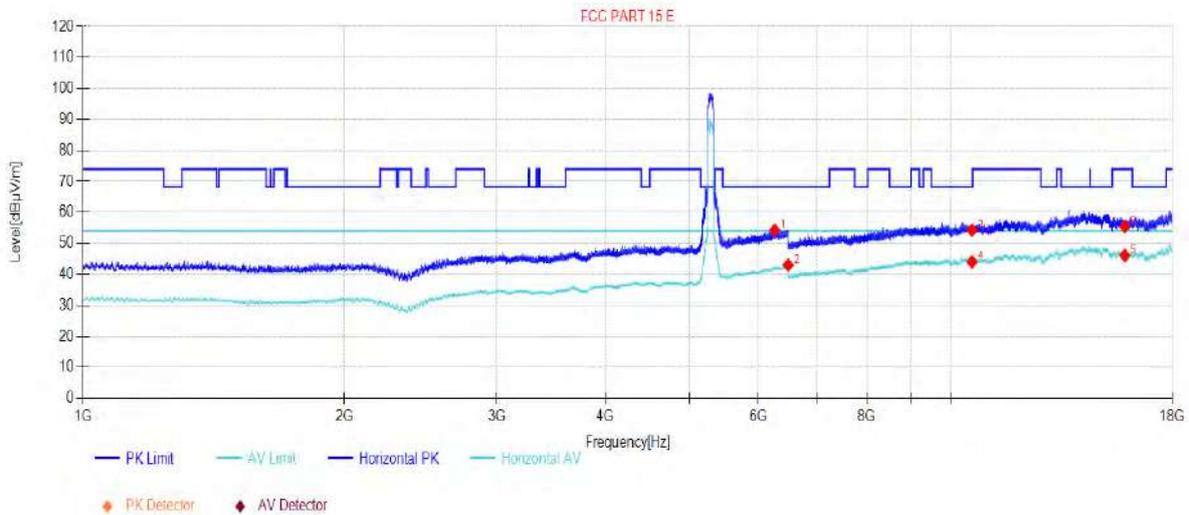
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4.3.1.109 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6268.98	54.23	18.33	68.20	13.97	147	182	Horizontal
2	6495.23	43.05	18.69	54.00	10.95	163	360	Horizontal
3	10580.0	54.22	2.29	68.20	13.98	189	140	Horizontal
4	10580.0	44.03	2.29	54.00	9.97	148	100	Horizontal
5	15870.0	46.11	5.24	54.00	7.89	163	303	Horizontal
6	15870.0	55.44	5.24	74.00	18.56	178	304	Horizontal

Final Data List



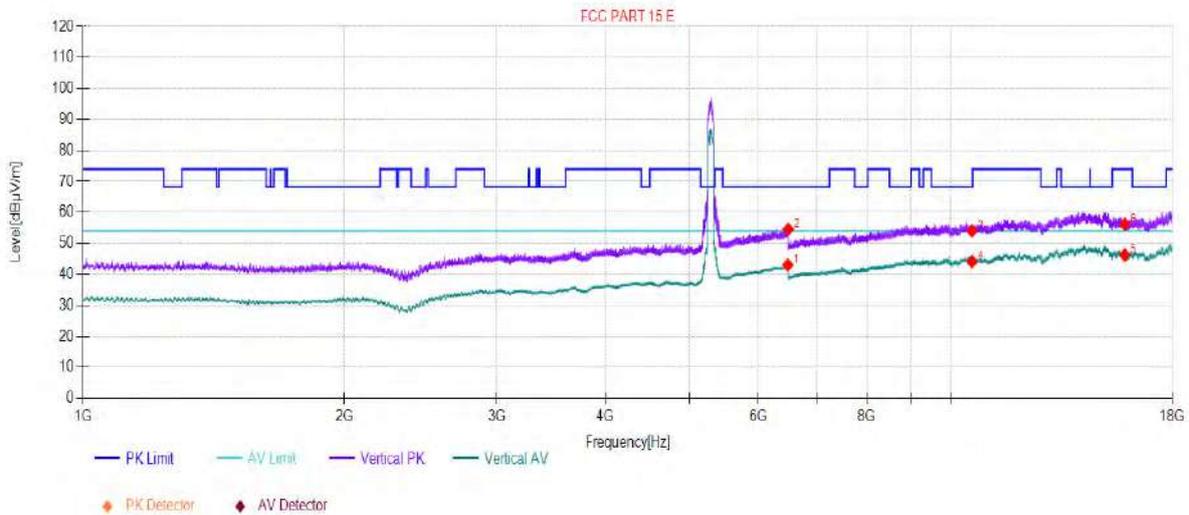
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4.3.1.110 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6491.19	43.04	18.67	54.00	10.96	222	54	Vertical
2	6498.53	54.54	18.71	68.20	13.66	241	146	Vertical
3	10580.0	54.00	2.29	68.20	14.20	231	304	Vertical
4	10580.0	44.11	2.29	54.00	9.89	274	65	Vertical
5	15870.0	46.24	5.24	54.00	7.76	289	26	Vertical
6	15870.0	56.16	5.24	74.00	17.84	228	308	Vertical

Final Data List

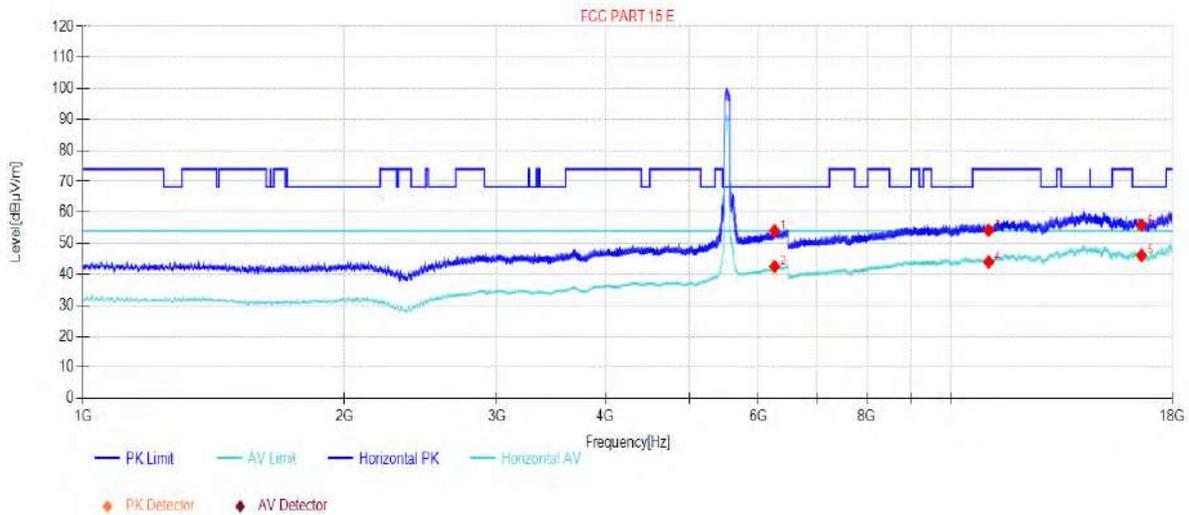


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4.3.1.111 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6265.68	54.04	18.32	68.20	14.16	175	298	Horizontal
2	6267.51	42.55	18.33	54.00	11.45	189	108	163
3	11060.0	54.21	2.59	74.00	19.79	150	199	Horizontal
4	11060.0	43.99	2.59	54.00	10.01	174	358	Horizontal
5	16590.0	46.11	5.64	54.00	7.89	165	2	Horizontal
6	16590.0	55.90	5.64	68.20	12.30	179	0	Horizontal

Final Data List



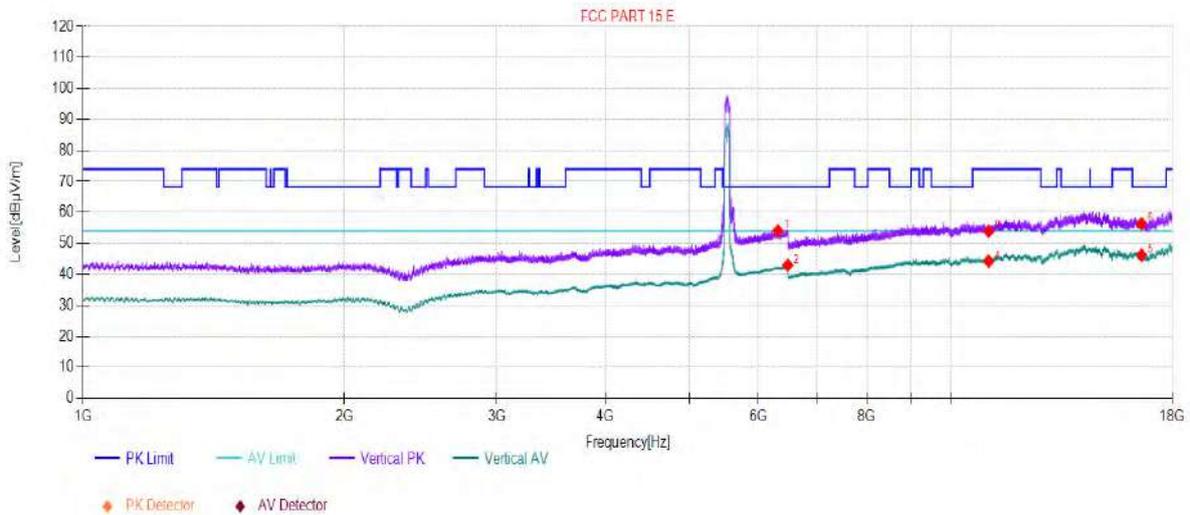
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4.3.1.112 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6322.52	54.08	18.41	68.20	14.12	241	60	Vertical
2	6490.46	42.98	18.66	54.00	11.02	241	60	Vertical
3	11060.0	53.88	2.59	74.00	20.12	222	153	Vertical
4	11060.0	44.26	2.59	54.00	9.74	216	93	Vertical
5	16590.0	46.22	5.64	54.00	7.78	278	276	Vertical
6	16590.0	56.29	5.64	68.20	11.91	269	80	Vertical

Final Data List

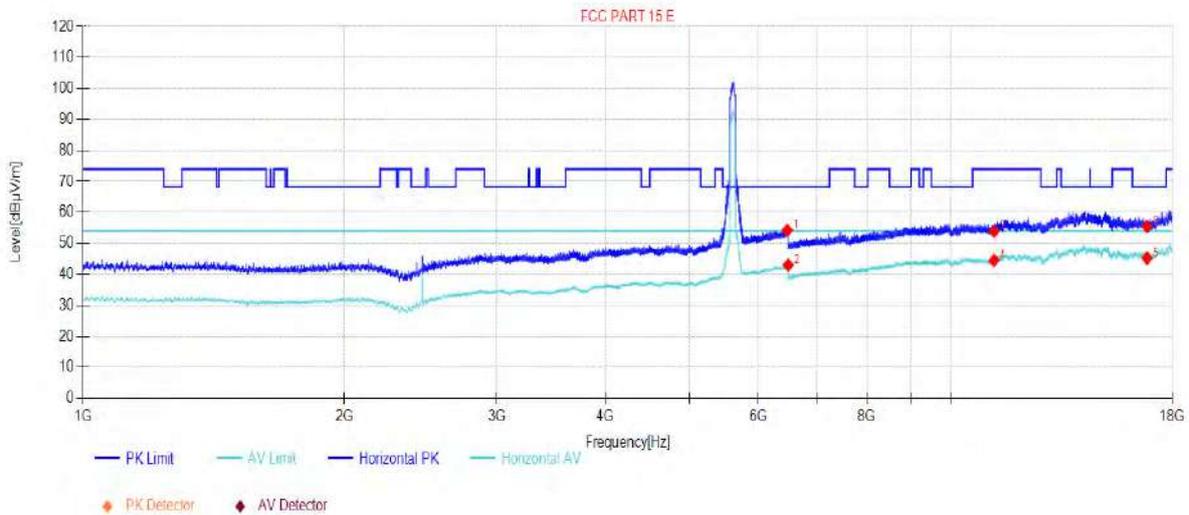


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4.3.1.113 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6482.39	54.18	18.62	68.20	14.02	157	146	Horizontal
2	6497.43	43.05	18.70	54.00	10.95	141	241	Horizontal
3	11220.0	53.88	2.57	74.00	20.12	163	184	Horizontal
4	11220.0	44.48	2.57	54.00	9.52	171	270	Horizontal
5	16830.0	45.25	5.23	54.00	8.75	184	291	Horizontal
6	16830.0	55.45	5.23	68.20	12.75	156	87	Horizontal

Final Data List



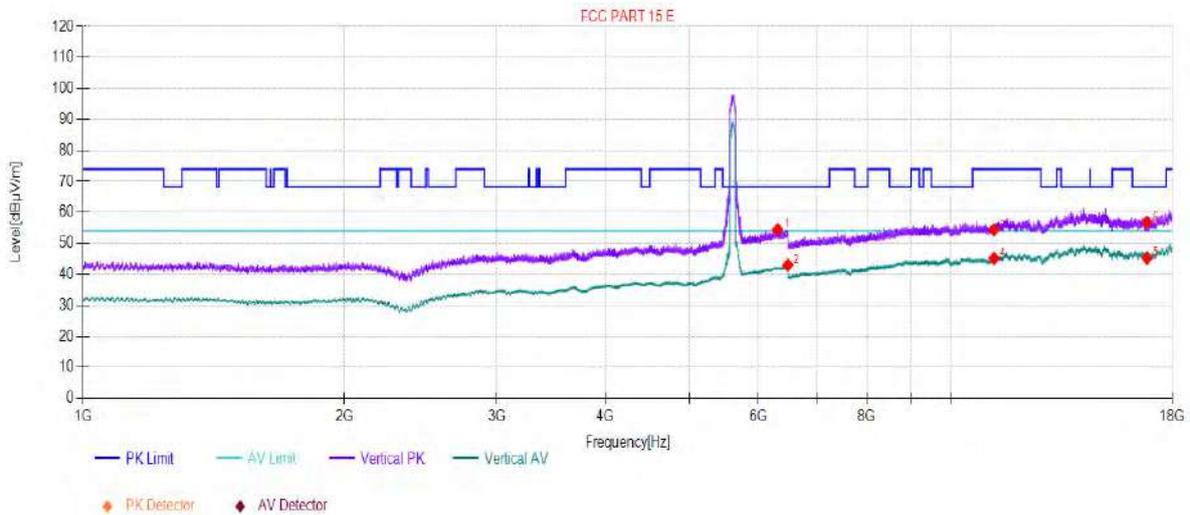
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4.3.1.114 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6318.48	54.46	18.42	68.20	13.74	246	337	Vertical
2	6492.29	43.02	18.67	54.00	10.98	213	90	Vertical
3	11220.0	54.37	2.57	74.00	19.63	247	77	Vertical
4	11220.0	45.15	2.57	54.00	8.85	241	358	Vertical
5	16830.0	45.27	5.23	54.00	8.73	263	317	Vertical
6	16830.0	56.80	5.23	68.20	11.40	246	358	Vertical

Final Data List

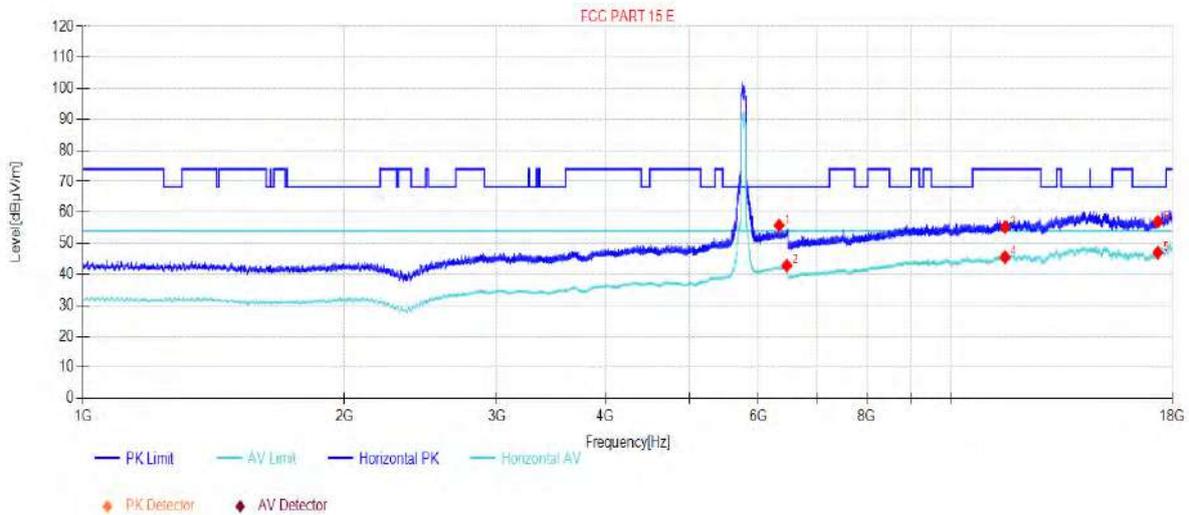


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4.3.1.115 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6340.85	55.83	18.35	68.20	12.37	156	64	Horizontal
2	6473.96	42.84	18.57	54.00	11.16	175	146	Horizontal
3	11550.0	55.24	2.67	74.00	18.76	163	209	Horizontal
4	11550.0	45.60	2.67	54.00	8.40	189	242	Horizontal
5	17325.0	46.99	6.67	54.00	7.01	175	358	Horizontal
6	17325.0	57.02	6.67	68.20	11.18	166	168	Horizontal

Final Data List



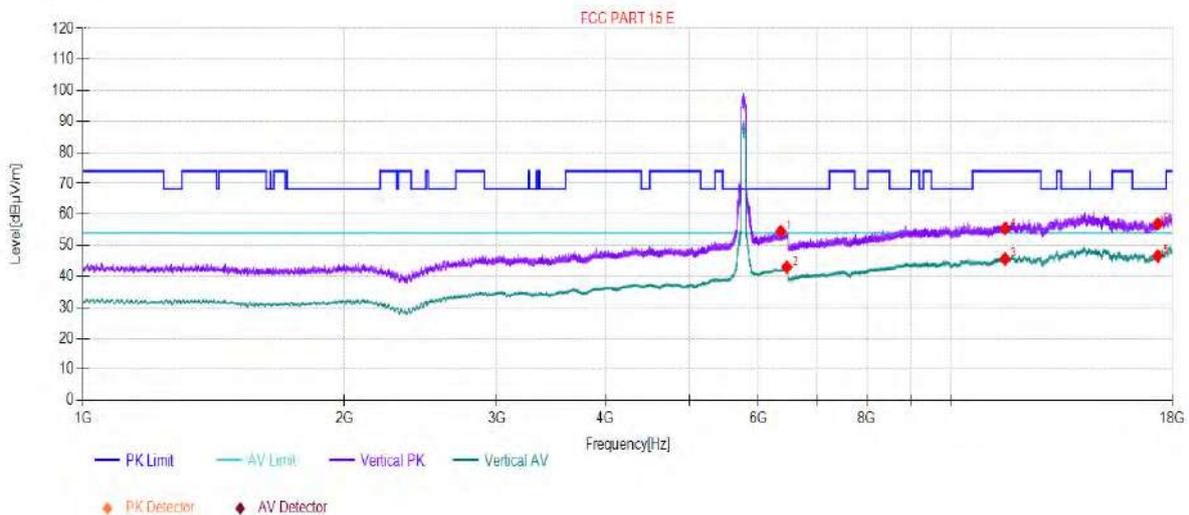
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4.3.1.116 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6370.92	54.55	18.25	68.20	13.65	256	341	Vertical
2	6475.06	43.01	18.58	54.00	10.99	278	163	Vertical
3	11550.0	45.64	2.67	54.00	8.36	241	72	Vertical
4	11550.0	55.46	2.67	74.00	18.54	263	136	Vertical
5	17325.0	46.58	6.67	54.00	7.42	212	184	Vertical
6	17325.0	57.00	6.67	68.20	11.20	225	341	Vertical

Final Data List

Remark:

- 1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:
Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor
- 2) Scan from 9kHz to 40GHz, The disturbance between 9kHz to 30MHz and 18GHz to 40GHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported .
- 3) As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. However, the peak field strength of any emission shall not exceed the maximum permitted average limits specified above by more than 20 dB under any condition of modulation. So, only the peak measurements were shown in the report.
- 4) All modes have been tested, but only the worst case data displayed in this report.

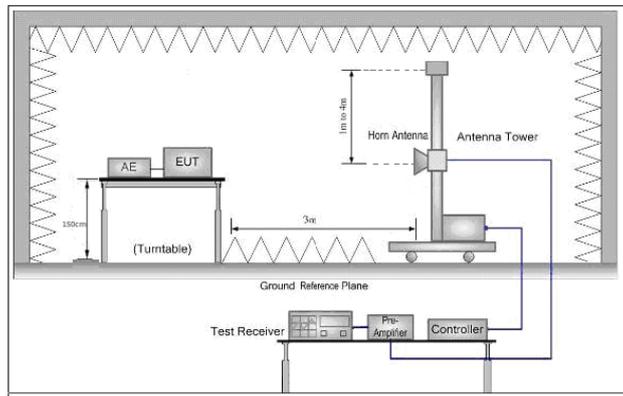


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4.4 Restricted bands around fundamental frequency

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



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<p>Test Procedure:</p>	<ol style="list-style-type: none"> The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel Test the EUT in the outermost channels. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. Repeat above procedures until all frequencies measured was complete.
<p>Exploratory Test Mode:</p>	<p>Transmitting with all kind of modulations, data rates.</p>
<p>Test Configuration:</p>	<p>Measurements Below 1000MHz</p> <ul style="list-style-type: none"> • RBW = 120 kHz • VBW = 300 kHz • Detector = Peak • Trace mode = max hold <p>Peak Measurements Above 1000 MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW \geq 3 MHz • Detector = Peak • Sweep time = auto • Trace mode = max hold <p>Average Measurements Above 1000MHz</p> <ul style="list-style-type: none"> • RBW = 1 MHz • VBW = 10 Hz, when duty cycle is no less than 98 percent. • VBW \geq 1/T, when duty cycle is less than 98 percent where T is the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.
<p>Final Test Mode:</p>	<p>Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20) ;</p>



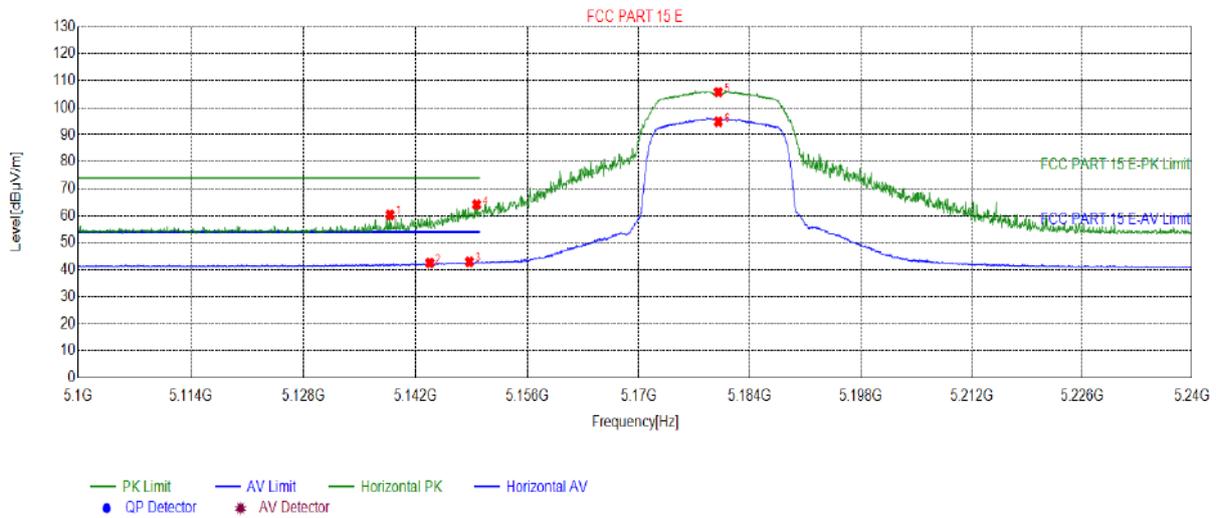
	<p>MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(VHT20)/ax(HE20). MCS0 of rate is the worst case of 802.11ac(VHT40) /ax(HE40). MCS0 of rate is the worst case of 802.11ac(VHT80) /ax(HE80). MCS0 of rate is the worst case of 802.11ac(VHT160) /ax(HE160). Only the worst case is recorded in the report.</p>
Instruments Used:	Refer to section 6 for details
Test Results:	Pass



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4.4.1 Test Plots
4.4.1.1 802.11A_Channel 36

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.79	60.26	19.36	74.00	13.74	159	360	Horizontal
2	5143.77	42.49	19.33	54.00	11.51	178	0	Horizontal
3	5148.74	42.95	19.33	54.00	11.05	165	0	Horizontal
4	5149.65	64.14	19.33	74.00	9.86	184	1	Horizontal
5	5180.00	105.74	19.19	0.00	-105.74	169	14	Horizontal
6	5180.00	94.78	19.19	0.00	-94.78	152	1	Horizontal

Final Data List



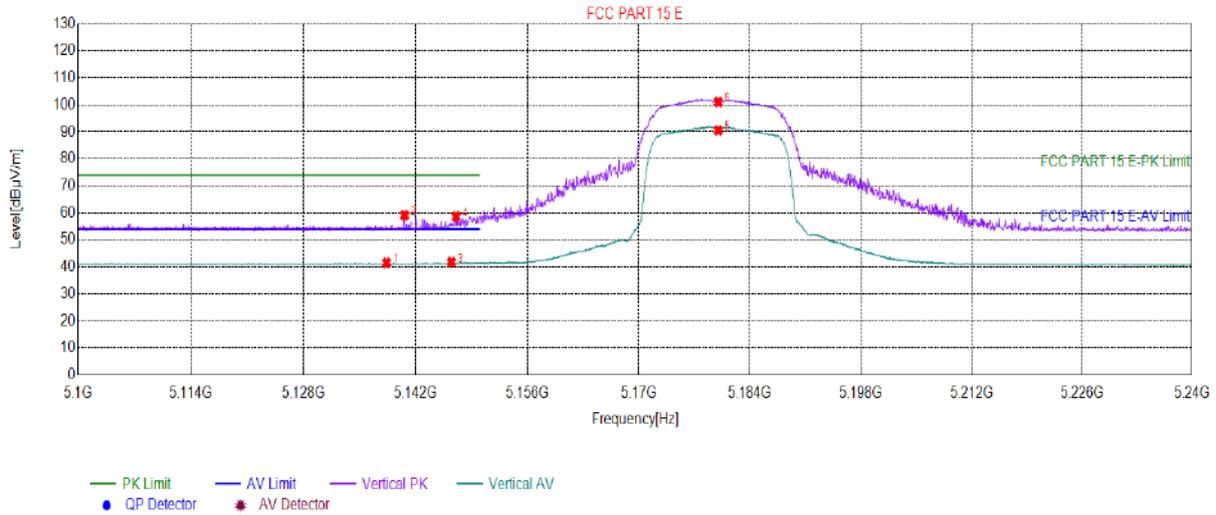
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4.4.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.37	41.52	19.37	54.00	12.48	222	87	Vertical
2	5140.62	59.11	19.34	74.00	14.89	214	115	Vertical
3	5146.50	41.79	19.32	54.00	12.21	236	112	Vertical
4	5147.06	58.63	19.32	74.00	15.37	274	113	Vertical
5	5180.00	90.54	19.19	0.00	-90.54	258	123	Vertical
6	5180.00	101.02	19.19	0.00	-101.02	263	131	Vertical

Final Data List



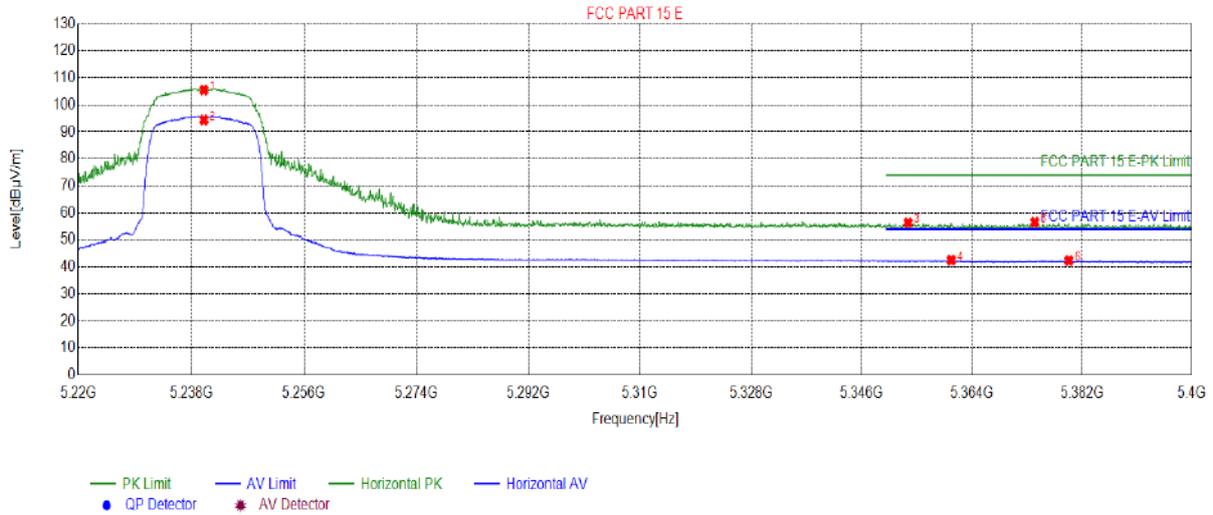
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4.4.1.3 802.11A_Channel 48

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	105.47	18.80	0.00	-105.47	151	346	Horizontal
2	5240.00	94.41	18.80	0.00	-94.41	163	346	Horizontal
3	5353.53	56.39	18.55	74.00	17.61	172	122	Horizontal
4	5360.56	42.50	18.58	54.00	11.50	163	355	Horizontal
5	5374.24	56.58	18.53	74.00	17.42	193	202	Horizontal
6	5379.82	42.31	18.54	54.00	11.69	175	340	Horizontal

Final Data List



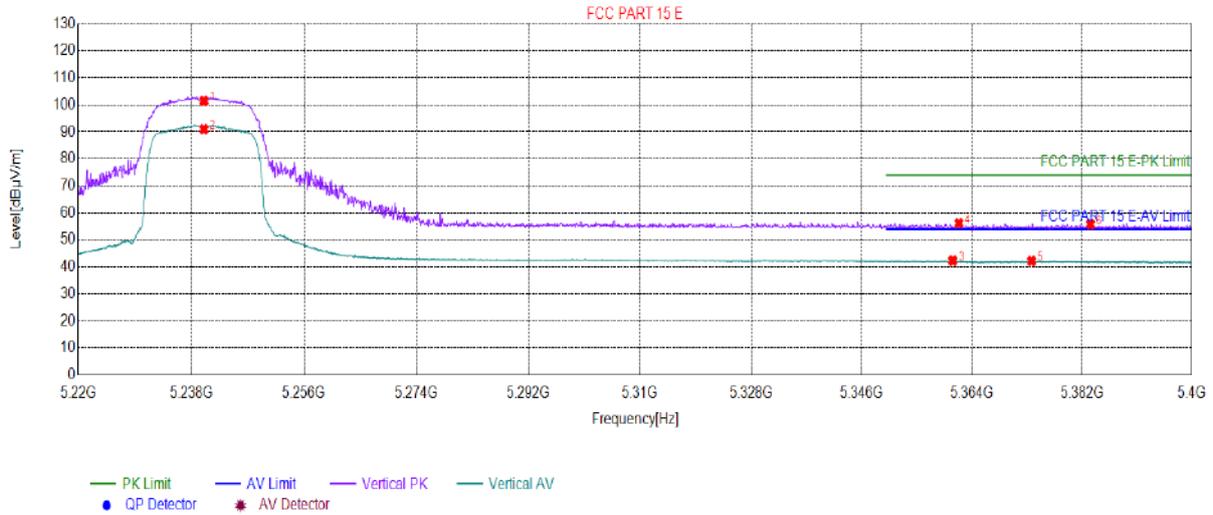
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4.4.1.4 802.11A_Channel 48

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	101.49	18.80	0.00	-101.49	202	122	Vertical
2	5240.00	91.00	18.80	0.00	-91.00	241	92	Vertical
3	5360.83	42.29	18.57	54.00	11.71	223	203	Vertical
4	5361.82	56.20	18.54	74.00	17.80	265	122	Vertical
5	5373.70	42.16	18.52	54.00	11.84	247	109	Vertical
6	5383.34	55.80	18.50	74.00	18.20	214	92	Vertical

Final Data List

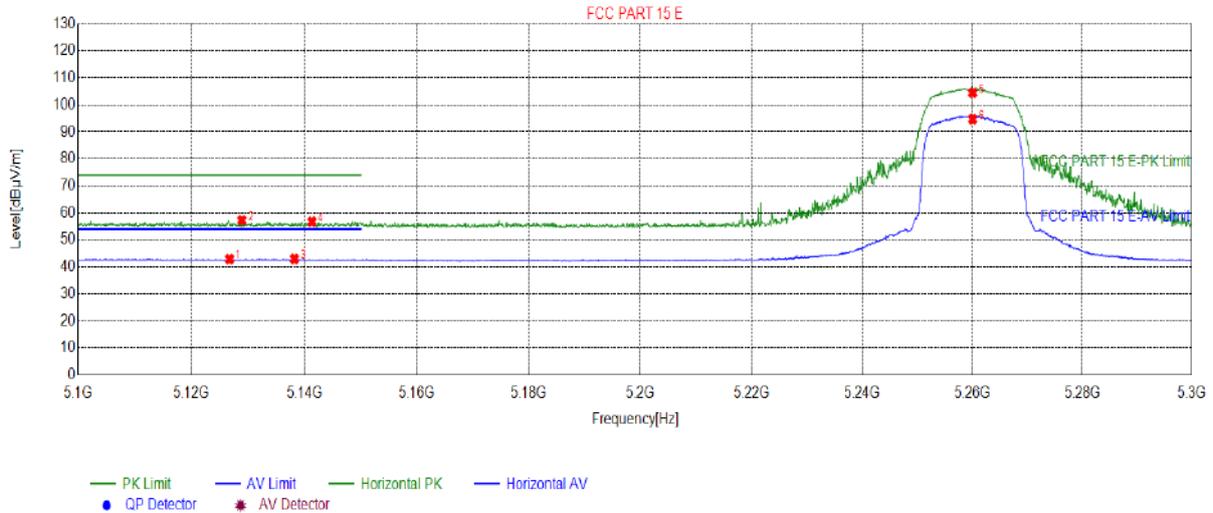


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4.4.1.5 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5126.71	42.92	19.34	54.00	11.08	145	346	Horizontal
2	5128.91	57.27	19.34	74.00	16.73	165	6	Horizontal
3	5138.21	42.98	19.37	54.00	11.02	174	335	Horizontal
4	5141.32	56.78	19.34	74.00	17.22	168	242	Horizontal
5	5260.00	104.41	18.84	0.00	-104.41	187	14	Horizontal
6	5260.00	94.68	18.84	0.00	-94.68	135	355	Horizontal

Final Data List



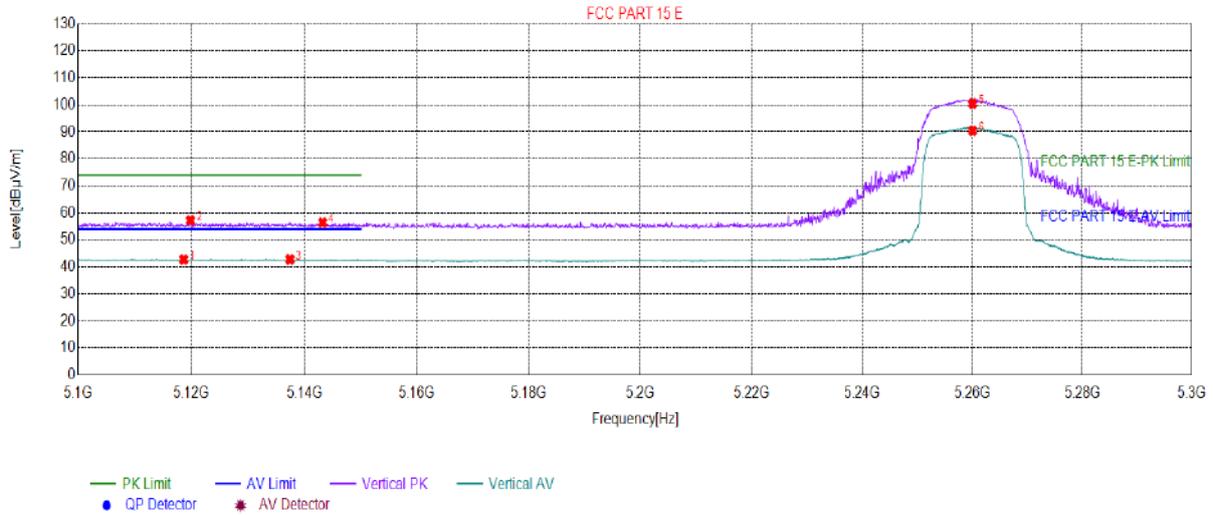
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4.4.1.6 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5118.60	42.73	19.31	54.00	11.27	205	142	Vertical
2	5119.80	57.22	19.32	74.00	16.78	274	202	Vertical
3	5137.41	42.77	19.38	54.00	11.23	263	297	Vertical
4	5143.22	56.46	19.33	74.00	17.54	241	360	Vertical
5	5260.00	100.52	18.84	0.00	-100.52	278	131	Vertical
6	5260.00	90.41	18.84	0.00	-90.41	229	119	Vertical

Final Data List



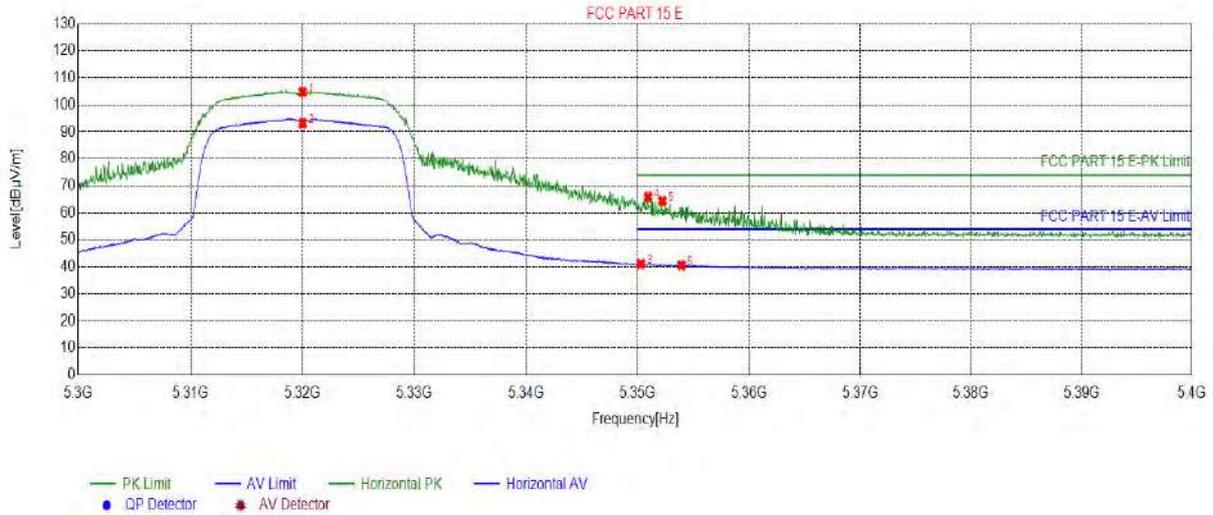
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4.4.1.7 802.11A_Channel 64

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	104.79	18.58	0.00	-104.79	174	344	Horizontal
2	5320.00	93.19	18.58	0.00	-93.19	159	344	Horizontal
3	5350.27	41.09	18.54	54.00	12.91	163	353	Horizontal
4	5350.92	65.91	18.54	74.00	8.09	174	344	Horizontal
5	5352.22	64.42	18.54	74.00	9.58	198	6	Horizontal
6	5353.92	40.58	18.55	54.00	13.42	157	344	Horizontal

Final Data List



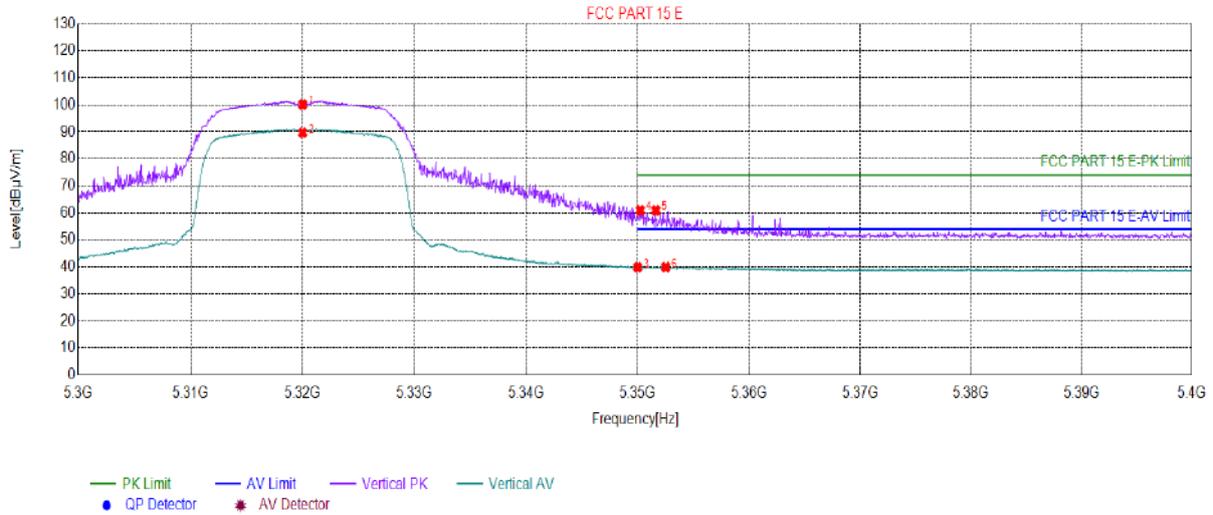
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4.4.1.8 802.11A_Channel 64

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	100.13	18.58	0.00	-100.13	202	100	Vertical
2	5320.00	89.72	18.58	0.00	-89.72	224	91	Vertical
3	5350.00	39.88	18.54	54.00	14.12	214	134	Vertical
4	5350.22	60.97	18.54	74.00	13.03	247	96	Vertical
5	5351.62	60.95	18.54	74.00	13.05	263	96	Vertical
6	5352.52	39.92	18.54	54.00	14.08	241	81	Vertical

Final Data List



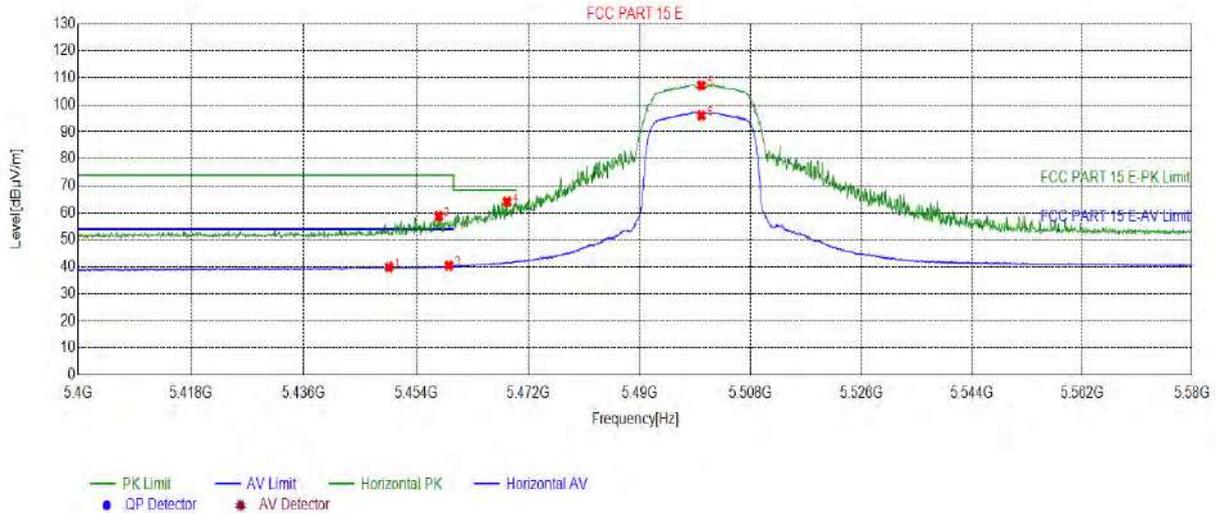
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4.4.1.9 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.61	39.92	18.10	54.00	14.08	159	346	Horizontal
2	5457.62	58.68	18.10	74.00	15.32	177	51	Horizontal
3	5459.24	40.46	18.12	54.00	13.54	156	0	Horizontal
4	5468.61	64.11	18.20	68.30	4.19	174	40	Horizontal
5	5500.00	107.24	18.24	0.00	-107.24	159	335	Horizontal
6	5500.00	96.05	18.24	0.00	-96.05	147	2	Horizontal

Final Data List



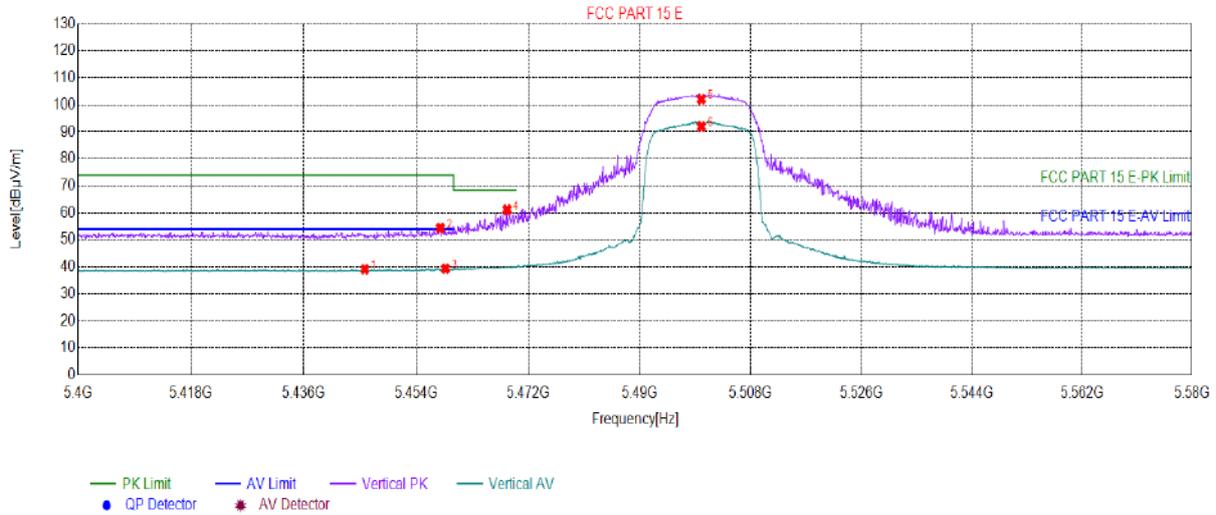
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4.4.1.10 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.74	39.10	18.14	54.00	14.90	213	122	Vertical
2	5457.89	54.40	18.10	74.00	19.60	302	335	Vertical
3	5458.70	39.34	18.11	54.00	14.66	315	104	Vertical
4	5468.61	61.22	18.20	68.30	7.08	216	130	Vertical
5	5500.00	102.06	18.24	0.00	-102.06	246	100	Vertical
6	5500.00	91.99	18.24	0.00	-91.99	276	134	Vertical

Final Data List



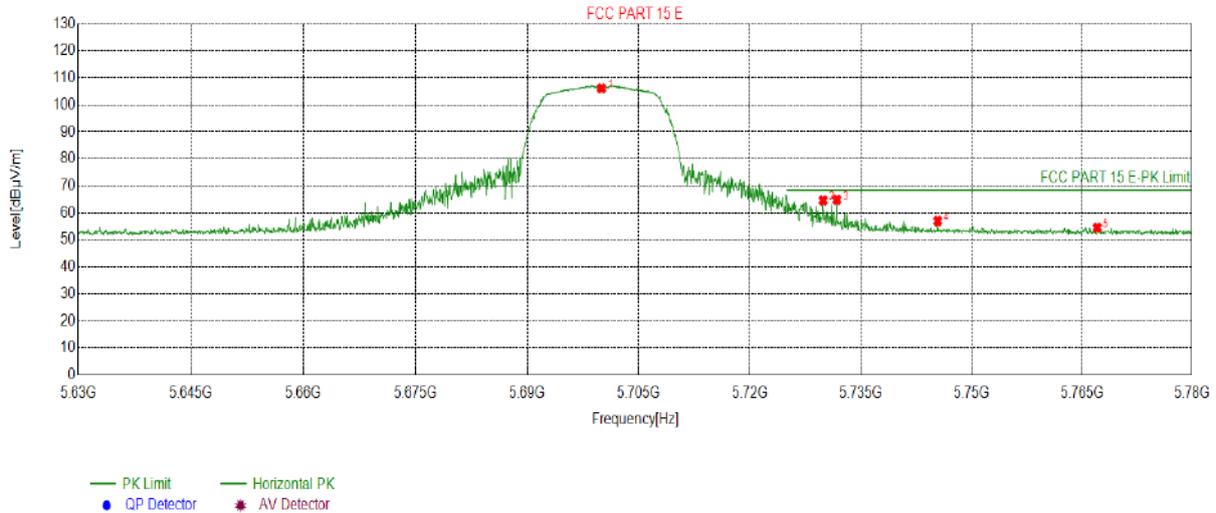
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4.4.1.11 802.11A_Channel 140

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	106.12	18.24	0.00	-106.12	151	346	Horizontal
2	5729.87	64.60	18.50	68.30	3.70	174	14	Horizontal
3	5731.75	64.86	18.47	68.30	3.44	159	14	Horizontal
4	5745.40	56.99	18.38	68.30	11.31	178	346	Horizontal
5	5767.09	54.48	18.38	68.30	13.82	162	19	Horizontal

Final Data List



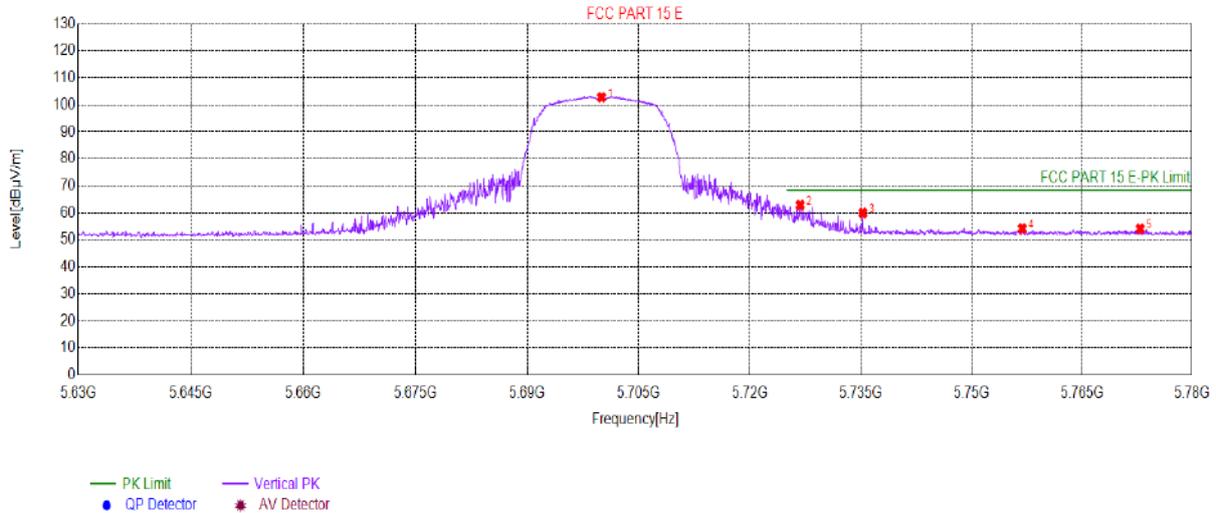
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4.4.1.12 802.11A_Channel 140

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	102.74	18.24	0.00	-102.74	202	133	Vertical
2	5726.79	62.90	18.39	68.30	5.40	241	94	Vertical
3	5735.27	59.96	18.39	68.30	8.34	218	130	Vertical
4	5756.88	54.18	18.37	68.30	14.12	268	313	Vertical
5	5772.94	54.07	18.37	68.30	14.23	276	4	Vertical

Final Data List



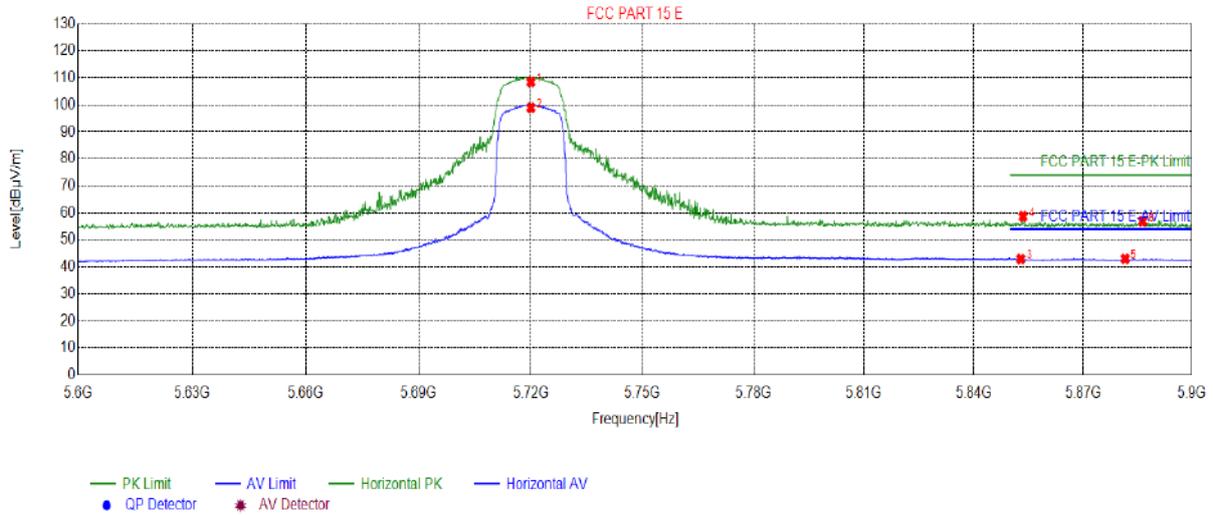
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4.4.1.13 802.11A_Channel 144

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	108.46	18.33	0.00	-108.46	151	359	Horizontal
2	5720.00	98.94	18.33	0.00	-98.94	174	360	Horizontal
3	5852.87	42.93	18.71	54.00	11.07	168	178	Horizontal
4	5853.47	58.68	18.70	74.00	15.32	198	54	Horizontal
5	5881.54	43.02	18.68	54.00	10.98	148	360	Horizontal
6	5886.34	56.87	18.84	74.00	17.13	162	172	Horizontal

Final Data List



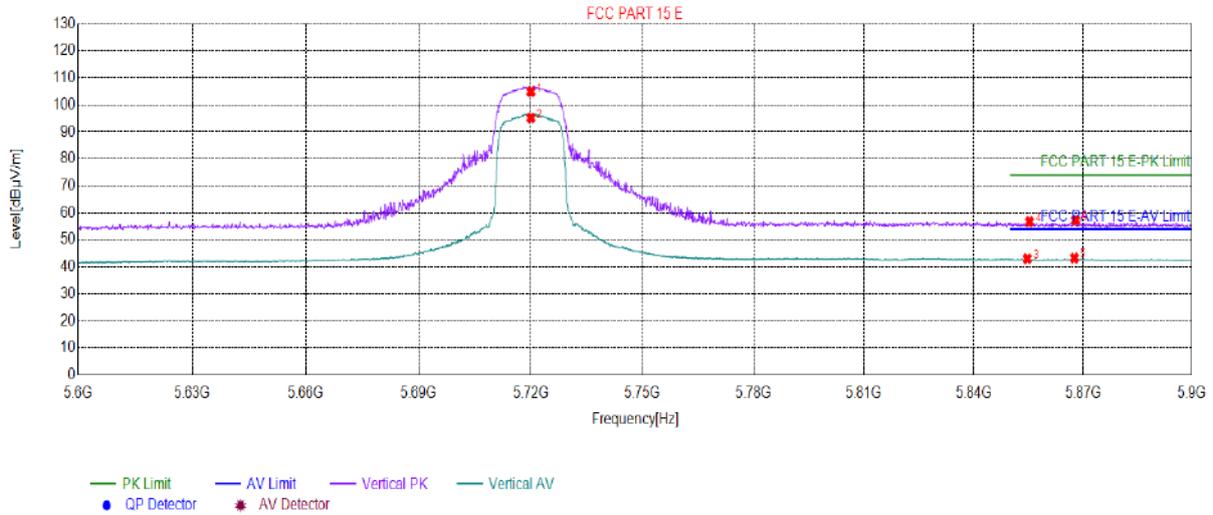
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4.4.1.14 802.11A_Channel 144

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	104.88	18.33	0.00	-104.88	202	112	Vertical
2	5720.00	95.11	18.33	0.00	-95.11	241	112	Vertical
3	5854.67	43.04	18.67	54.00	10.96	258	100	Vertical
4	5855.27	56.76	18.65	74.00	17.24	236	54	Vertical
5	5867.58	43.25	18.87	54.00	10.75	247	96	Vertical
6	5867.88	57.28	18.88	74.00	16.72	229	96	Vertical

Final Data List



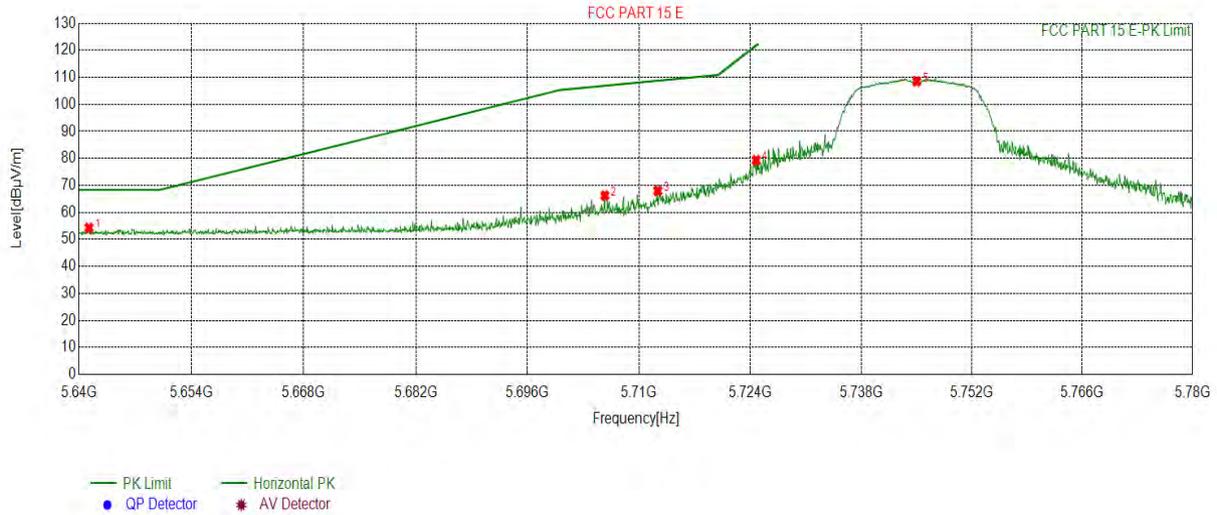
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4.4.1.15 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.26	54.26	18.07	68.30	14.04	159	14	Horizontal
2	5705.69	66.22	18.34	106.89	40.67	178	14	Horizontal
3	5712.34	67.94	18.51	108.76	40.82	168	357	Horizontal
4	5724.74	79.31	18.32	121.71	42.40	163	19	Horizontal
5	5745.00	108.50	18.37	0.00	-108.50	172	360	Horizontal

Final Data List



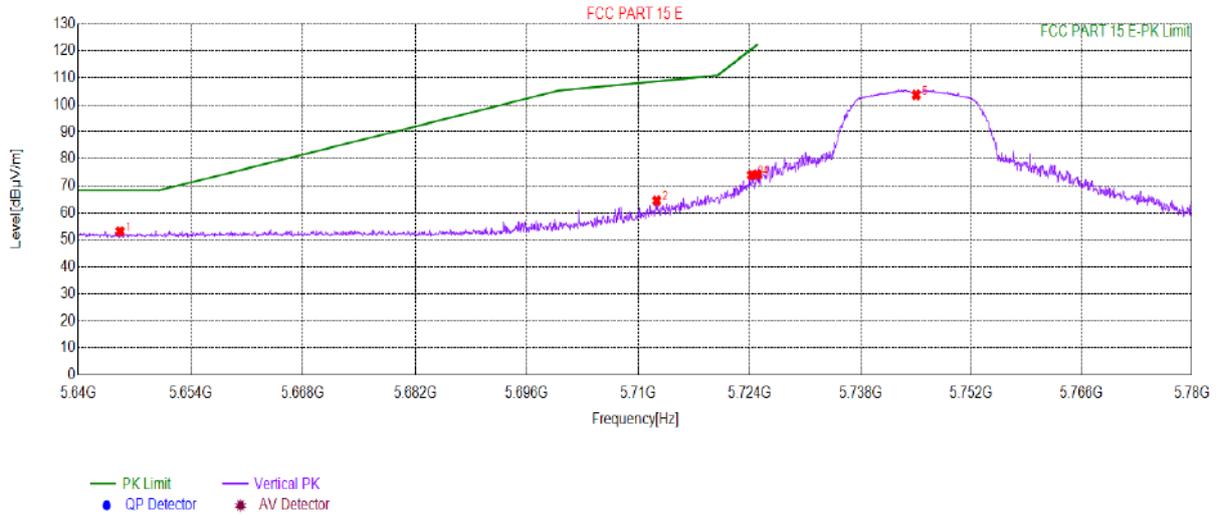
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4.4.1.16 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.18	53.10	18.00	68.30	15.20	202	230	Vertical
2	5712.27	64.52	18.51	108.74	44.22	241	110	Vertical
3	5724.25	73.99	18.33	120.59	46.60	263	118	Vertical
4	5724.95	74.25	18.32	122.19	47.94	241	124	Vertical
5	5745.00	103.64	18.37	0.00	-103.64	259	115	Vertical

Final Data List



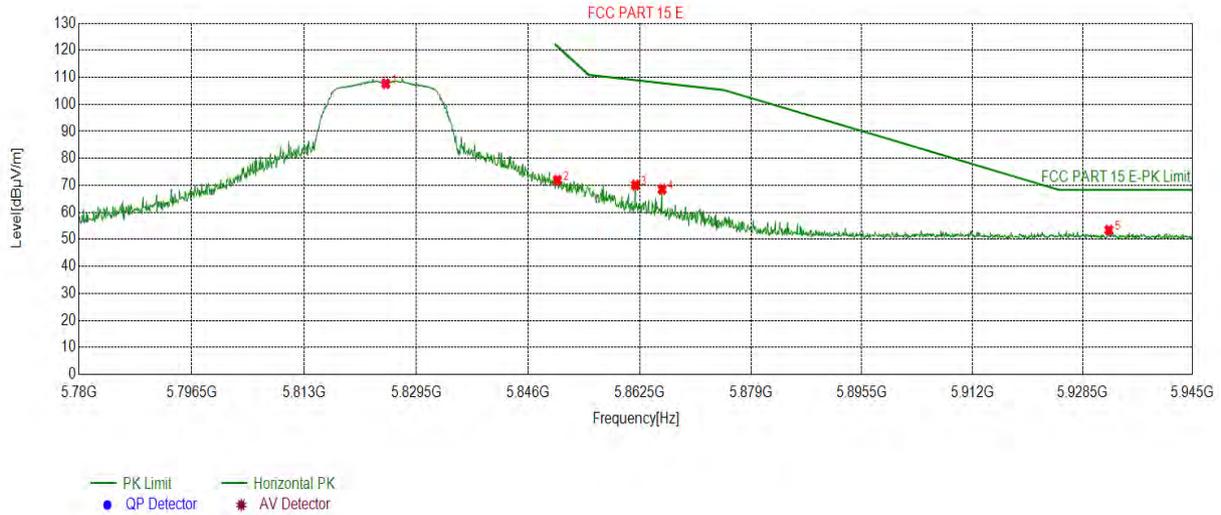
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4.4.1.17 802.11A_Channel 165

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	107.67	18.80	0.00	-107.67	172	2	Horizontal
2	5850.32	71.94	18.77	121.56	49.62	141	16	Horizontal
3	5861.88	70.12	18.67	108.97	38.85	173	0	Horizontal
4	5865.84	68.51	18.84	107.86	39.35	178	19	Horizontal
5	5932.45	53.42	19.12	68.30	14.88	192	358	Horizontal

Final Data List



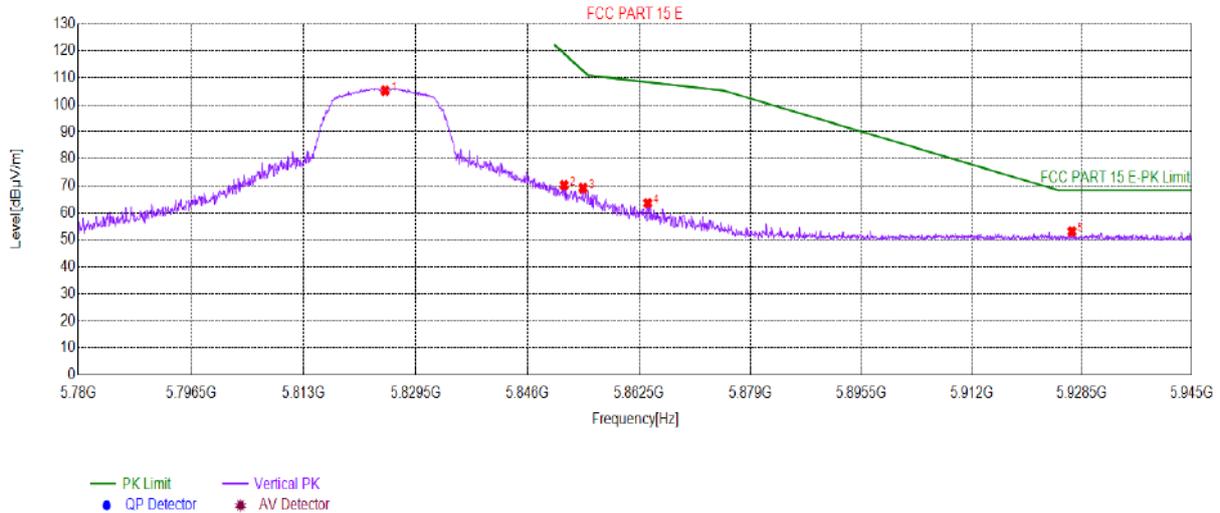
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4.4.1.18 802.11A_Channel 165

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	105.22	18.80	0.00	-105.22	202	203	Vertical
2	5851.39	70.22	18.74	119.11	48.89	241	94	Vertical
3	5854.20	69.13	18.68	112.71	43.58	263	295	Vertical
4	5863.77	63.60	18.76	108.44	44.84	274	186	Vertical
5	5927.00	53.08	19.13	68.30	15.22	225	83	Vertical

Final Data List



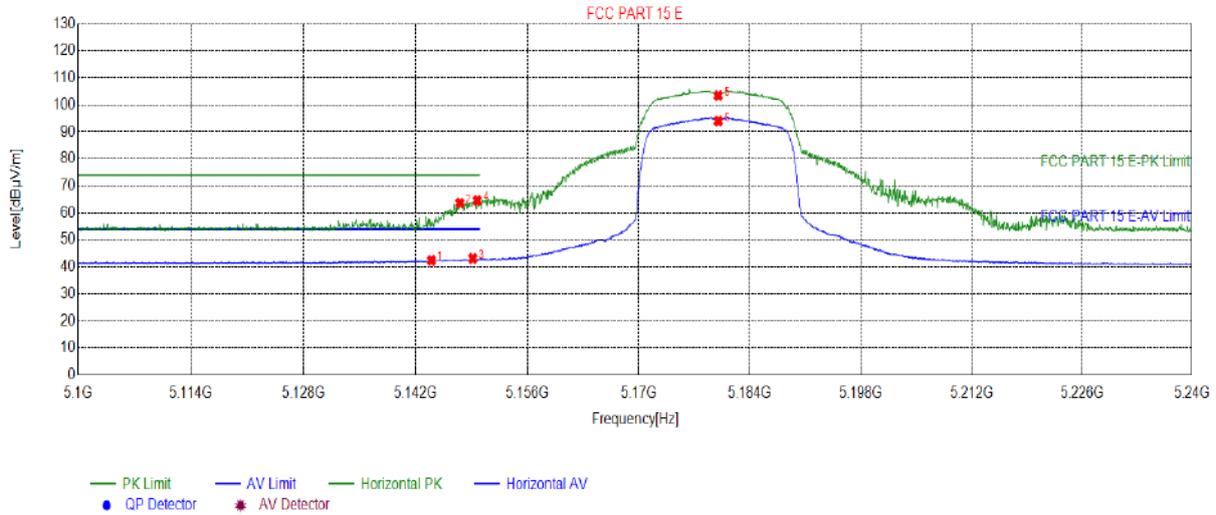
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4.4.1.19 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.98	42.40	19.33	54.00	11.60	159	1	Horizontal
2	5147.55	63.64	19.33	74.00	10.36	175	0	Horizontal
3	5149.16	43.16	19.33	54.00	10.84	162	346	Horizontal
4	5149.72	64.59	19.33	74.00	9.41	174	346	Horizontal
5	5180.00	103.43	19.19	0.00	-103.43	196	346	Horizontal
6	5180.00	94.03	19.19	0.00	-94.03	157	346	Horizontal

Final Data List



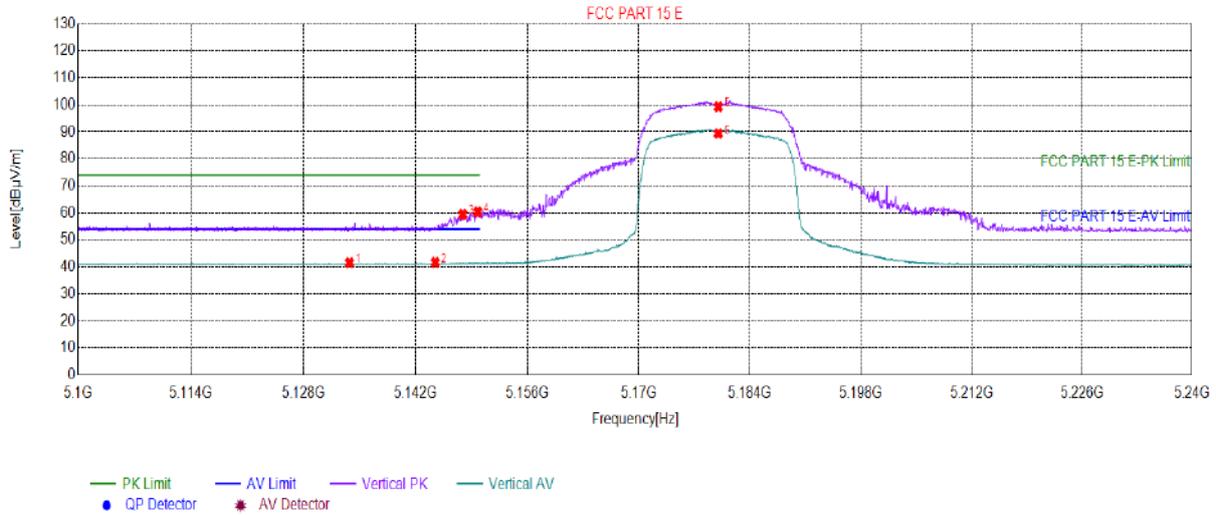
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4.4.1.20 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.75	41.57	19.40	54.00	12.43	202	99	Vertical
2	5144.47	41.67	19.32	54.00	12.33	274	134	Vertical
3	5147.90	59.48	19.33	74.00	14.52	263	122	Vertical
4	5149.79	60.33	19.33	74.00	13.67	278	95	Vertical
5	5180.00	99.26	19.19	0.00	-99.26	225	102	Vertical
6	5180.00	89.40	19.19	0.00	-89.40	241	99	Vertical

Final Data List



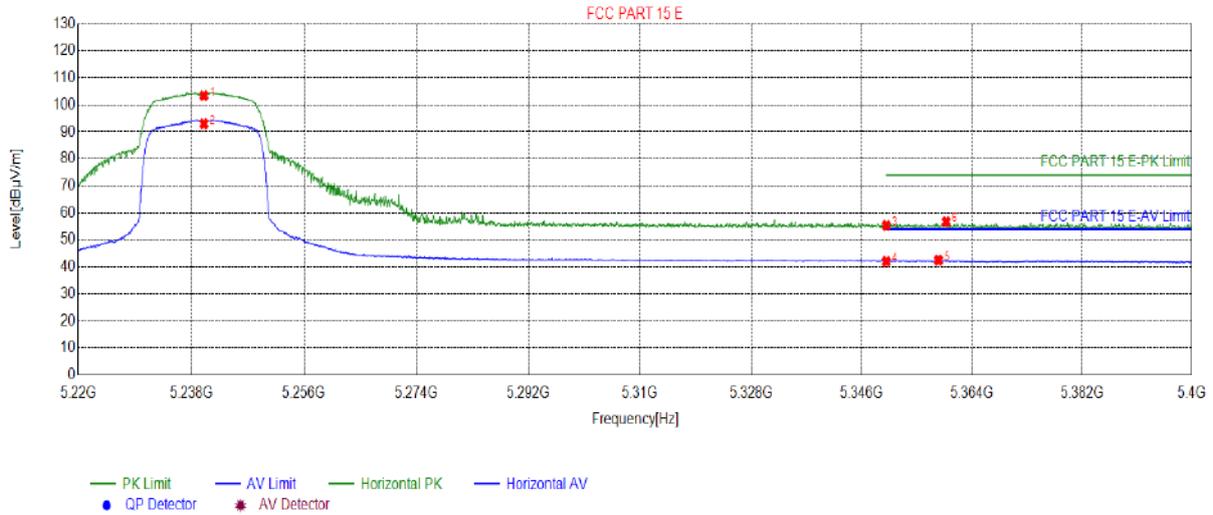
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4.4.1.21 802.11N20_Channel 48

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	103.38	18.80	0.00	-103.38	174	2	Horizontal
2	5240.00	92.99	18.80	0.00	-92.99	165	0	Horizontal
3	5350.00	55.36	18.54	74.00	18.64	177	40	Horizontal
4	5350.00	42.01	18.54	54.00	11.99	189	360	Horizontal
5	5358.48	42.47	18.58	54.00	11.53	156	14	Horizontal
6	5359.74	56.74	18.60	74.00	17.26	178	346	Horizontal

Final Data List



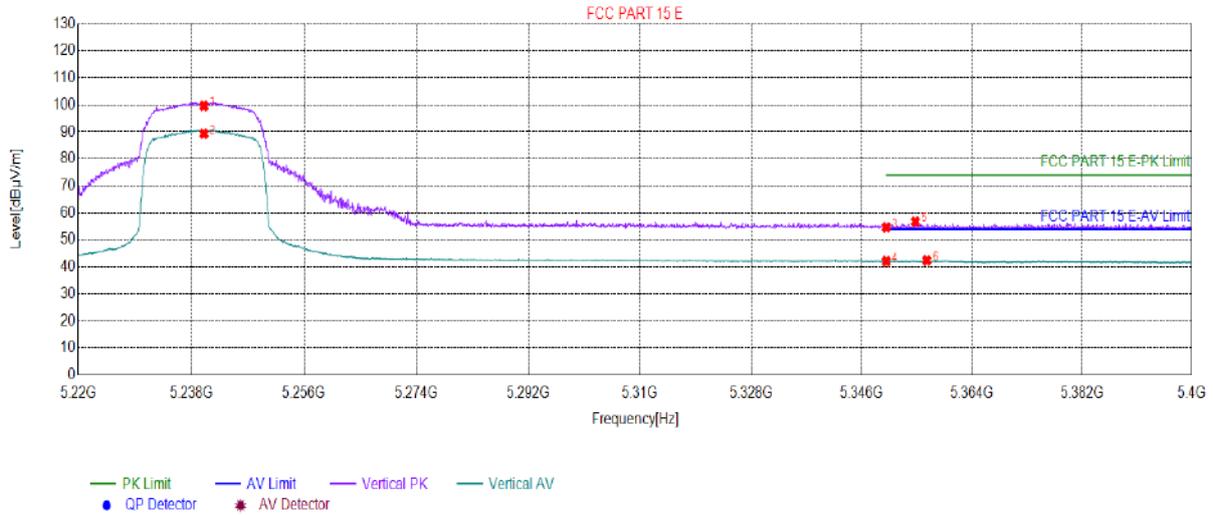
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4.4.1.22 802.11N20_Channel 48

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	99.57	18.80	0.00	-99.57	223	138	Vertical
2	5240.00	89.34	18.80	0.00	-89.34	214	123	Vertical
3	5350.00	54.62	18.54	74.00	19.38	258	263	Vertical
4	5350.00	42.08	18.54	54.00	11.92	247	349	Vertical
5	5354.70	56.77	18.55	74.00	17.23	263	66	Vertical
6	5356.59	42.37	18.56	54.00	11.63	227	130	Vertical

Final Data List



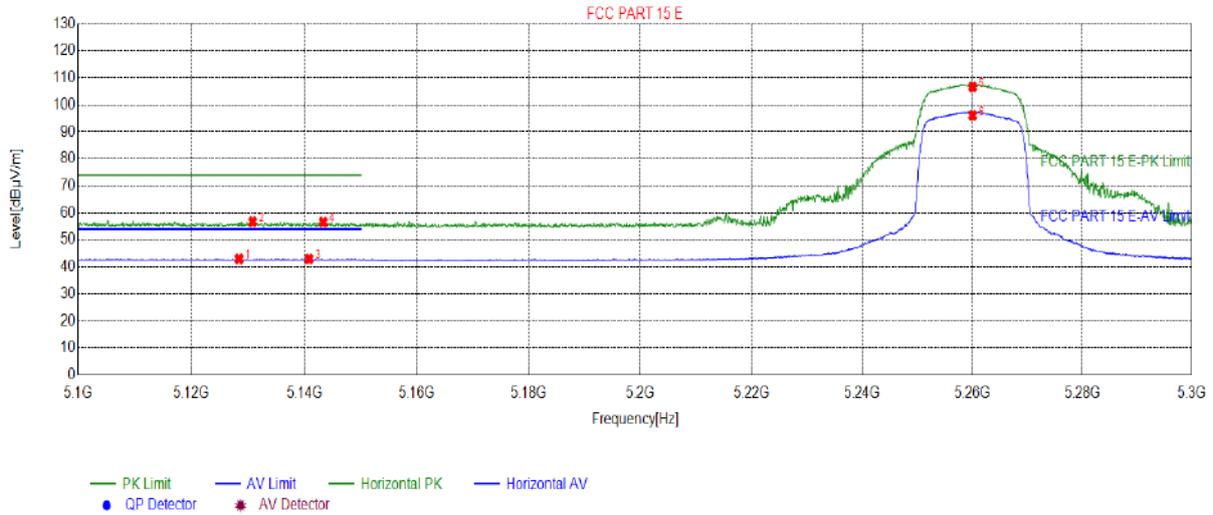
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4.4.1.23 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.41	42.99	19.34	54.00	11.01	151	346	Horizontal
2	5130.81	56.75	19.36	74.00	17.25	174	286	Horizontal
3	5140.82	42.99	19.34	54.00	11.01	189	332	Horizontal
4	5143.32	56.64	19.33	74.00	17.36	163	0	Horizontal
5	5260.00	106.68	18.84	0.00	-106.68	166	14	Horizontal
6	5260.00	96.07	18.84	0.00	-96.07	178	359	Horizontal

Final Data List



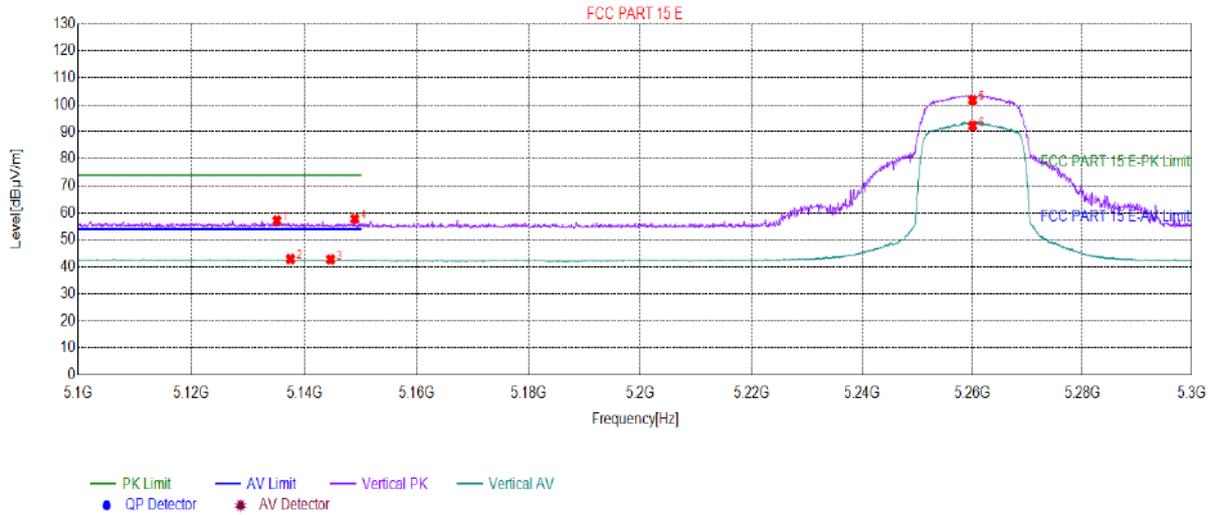
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4.4.1.24 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.11	57.17	19.41	74.00	16.83	222	138	Vertical
2	5137.51	42.93	19.38	54.00	11.07	241	48	Vertical
3	5144.62	42.76	19.32	54.00	11.24	271	185	Vertical
4	5148.92	57.83	19.33	74.00	16.17	236	140	Vertical
5	5260.00	101.75	18.84	0.00	-101.75	2414	125	Vertical
6	5260.00	92.23	18.84	0.00	-92.23	289	125	Vertical

Final Data List



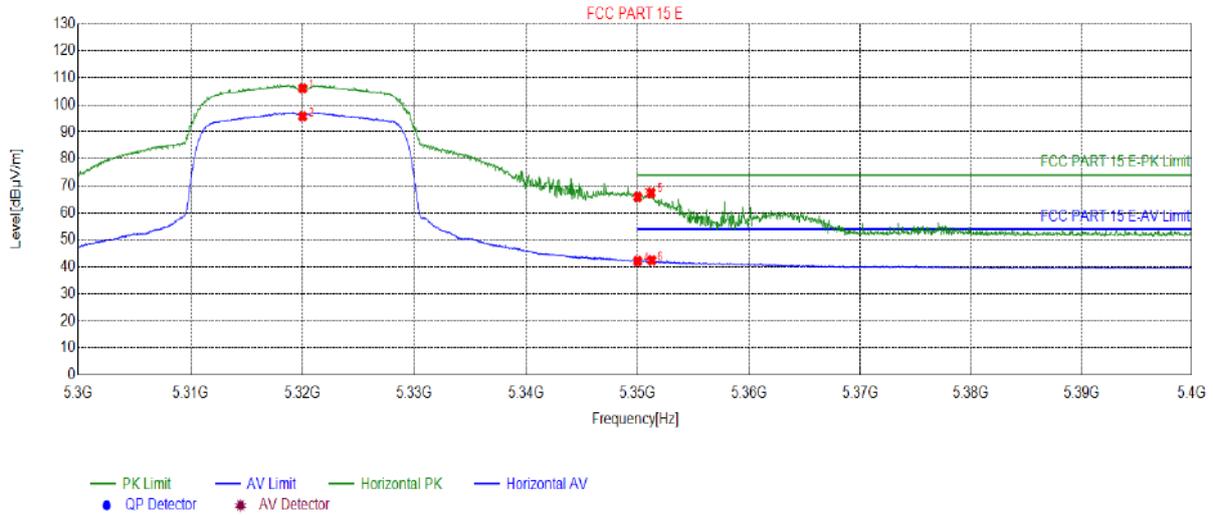
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4.4.1.25 802.11N20_Channel 64

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	106.14	18.58	0.00	-106.14	157	2	Horizontal
2	5320.00	95.73	18.58	0.00	-95.73	163	16	Horizontal
3	5350.00	65.90	18.54	74.00	8.10	189	16	Horizontal
4	5350.00	42.10	18.54	54.00	11.90	184	358	Horizontal
5	5351.22	67.42	18.54	74.00	6.58	163	20	Horizontal
6	5351.27	42.39	18.54	54.00	11.61	157	344	Horizontal

Final Data List



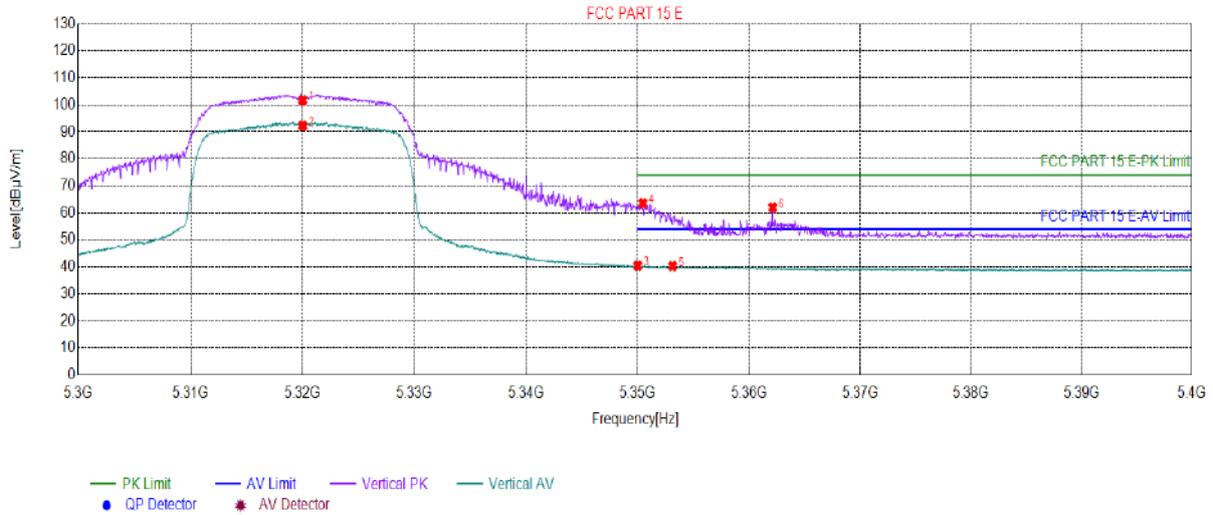
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4.4.1.26 802.11N20_Channel 64

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	101.70	18.58	0.00	-101.70	222	128	Vertical
2	5320.00	92.26	18.58	0.00	-92.26	214	128	Vertical
3	5350.00	40.46	18.54	54.00	13.54	278	128	Vertical
4	5350.47	63.57	18.54	74.00	10.43	298	133	Vertical
5	5353.12	40.32	18.55	54.00	13.68	263	128	Vertical
6	5362.13	61.96	18.53	74.00	12.04	241	142	Vertical

Final Data List



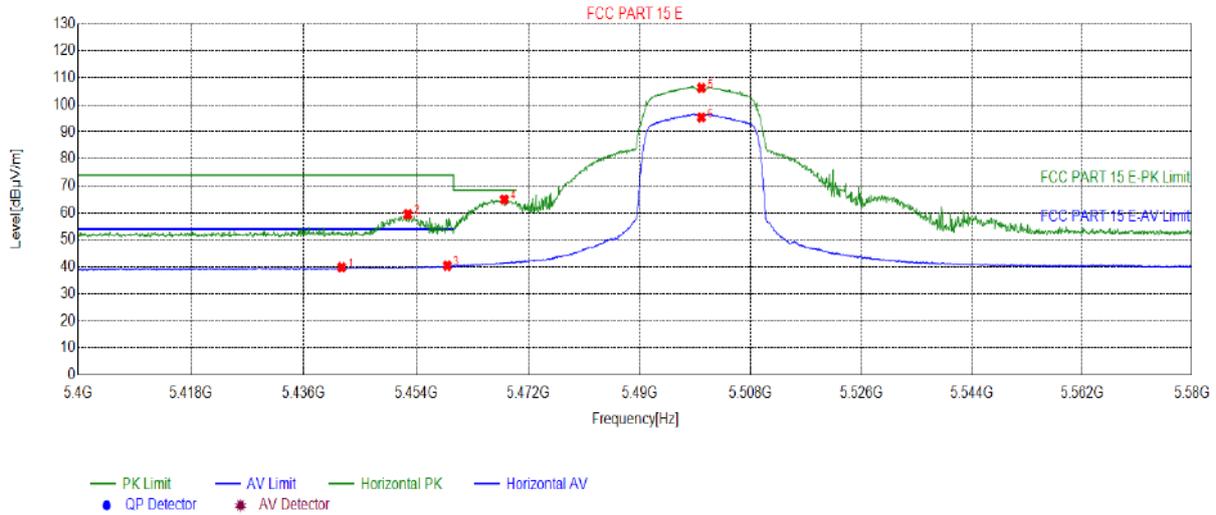
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4.4.1.27 802.11N20_Channel 100

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5442.05	39.87	18.09	54.00	14.13	149	14	Horizontal
2	5452.67	59.49	18.08	74.00	14.51	158	346	Horizontal
3	5458.97	40.44	18.11	54.00	13.56	163	14	Horizontal
4	5468.16	64.95	18.20	68.30	3.35	175	18	Horizontal
5	5500.00	106.29	18.24	0.00	-106.29	168	346	Horizontal
6	5500.00	95.31	18.24	0.00	-95.31	198	14	Horizontal

Final Data List



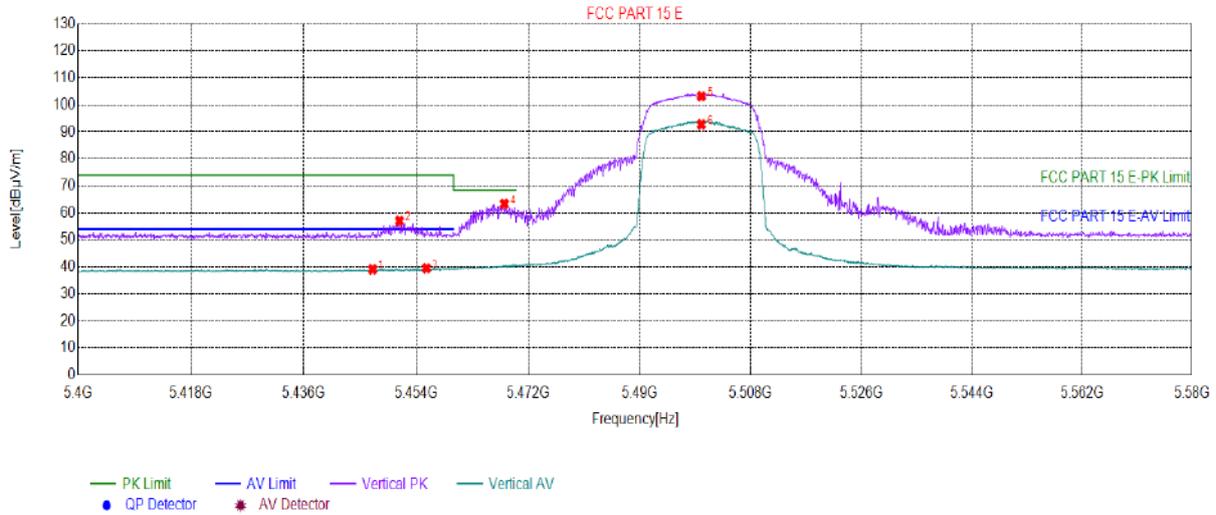
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4.4.1.28 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5447.00	39.09	18.13	54.00	14.91	222	114	Vertical
2	5451.32	57.04	18.09	74.00	16.96	274	125	Vertical
3	5455.64	39.49	18.07	54.00	14.51	268	125	Vertical
4	5468.16	63.33	18.20	68.30	4.97	247	125	Vertical
5	5500.00	103.16	18.24	0.00	-103.16	263	129	Vertical
6	5500.00	92.79	18.24	0.00	-92.79	248	129	Vertical

Final Data List



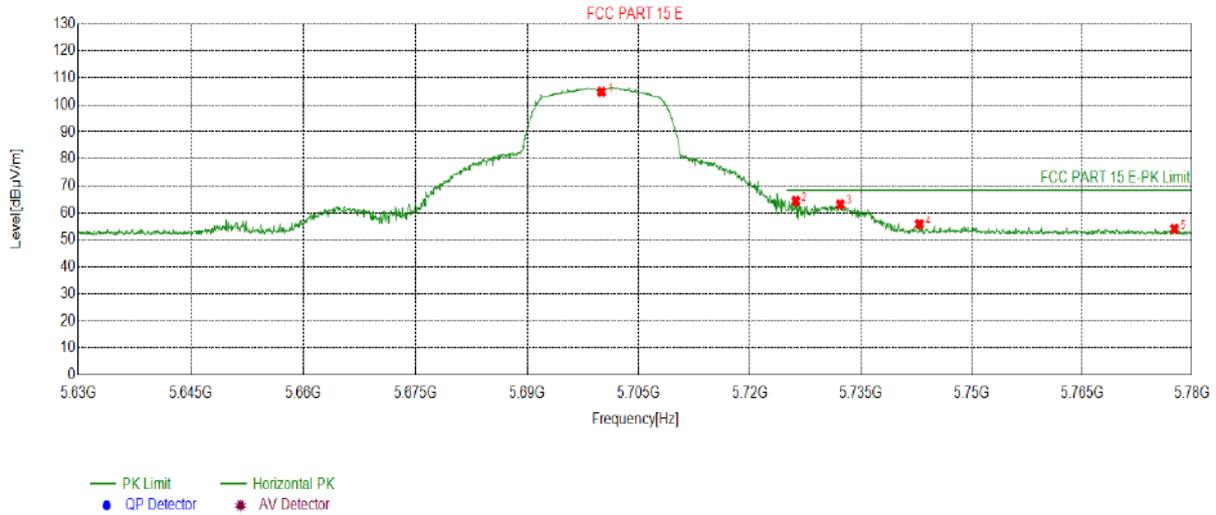
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4.4.1.29 802.11N20_Channel 140

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	104.83	18.24	0.00	-104.83	157	14	Horizontal
2	5726.19	64.40	18.37	68.30	3.90	174	27	Horizontal
3	5732.20	63.11	18.46	68.30	5.19	169	24	Horizontal
4	5742.93	55.85	18.35	68.30	12.45	183	10	Horizontal
5	5777.59	54.05	18.33	68.30	14.25	174	19	Horizontal

Final Data List



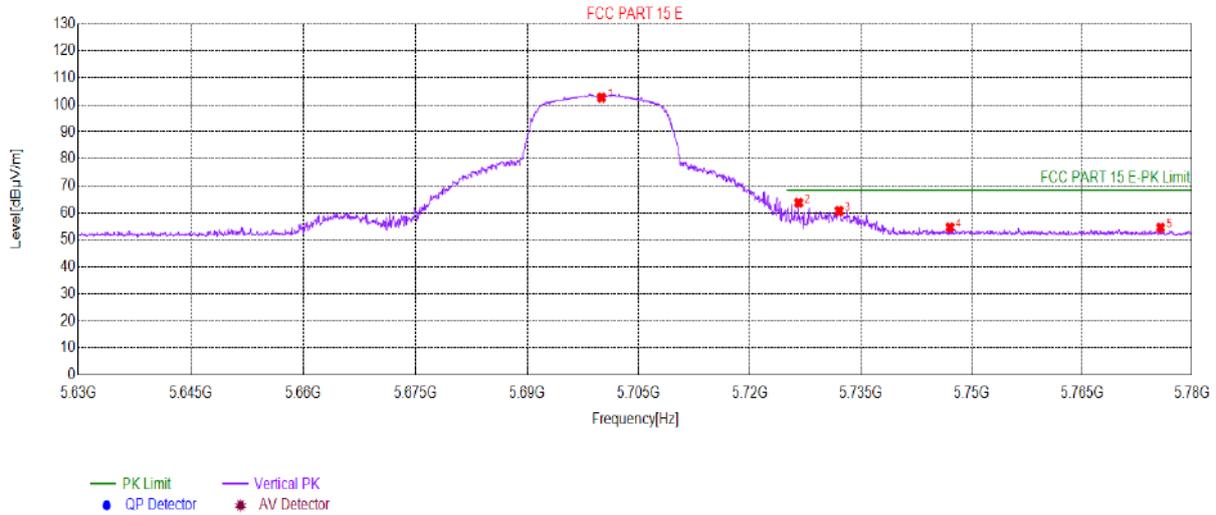
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4.4.1.30 802.11N20_Channel 140

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	102.63	18.24	0.00	-102.63	254	112	Vertical
2	5726.57	63.74	18.38	68.30	4.56	241	109	Vertical
3	5732.05	60.71	18.46	68.30	7.59	263	112	Vertical
4	5747.05	54.63	18.47	68.30	13.67	247	96	Vertical
5	5775.72	54.53	18.33	68.30	13.77	258	282	Vertical

Final Data List



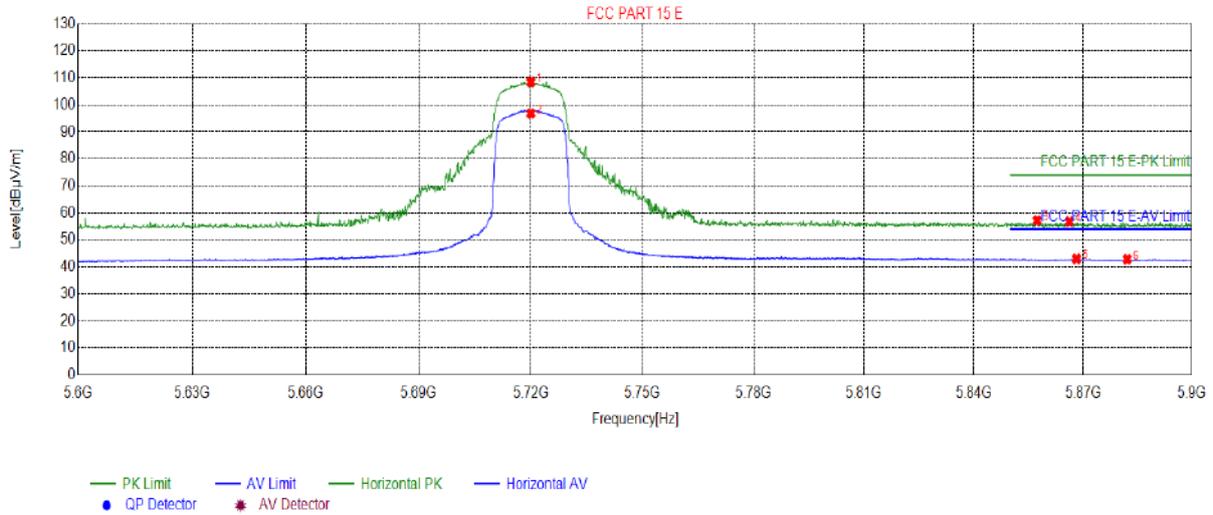
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4.4.1.31 802.11N20_Channel 144

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	108.45	18.33	0.00	-108.45	174	24	Horizontal
2	5720.00	96.80	18.33	0.00	-96.80	189	9	Horizontal
3	5857.37	57.17	18.62	74.00	16.83	163	159	Horizontal
4	5866.23	56.80	18.85	74.00	17.20	189	76	Horizontal
5	5868.18	43.00	18.88	54.00	11.00	165	346	Horizontal
6	5882.14	42.84	18.70	54.00	11.16	189	70	Horizontal

Final Data List



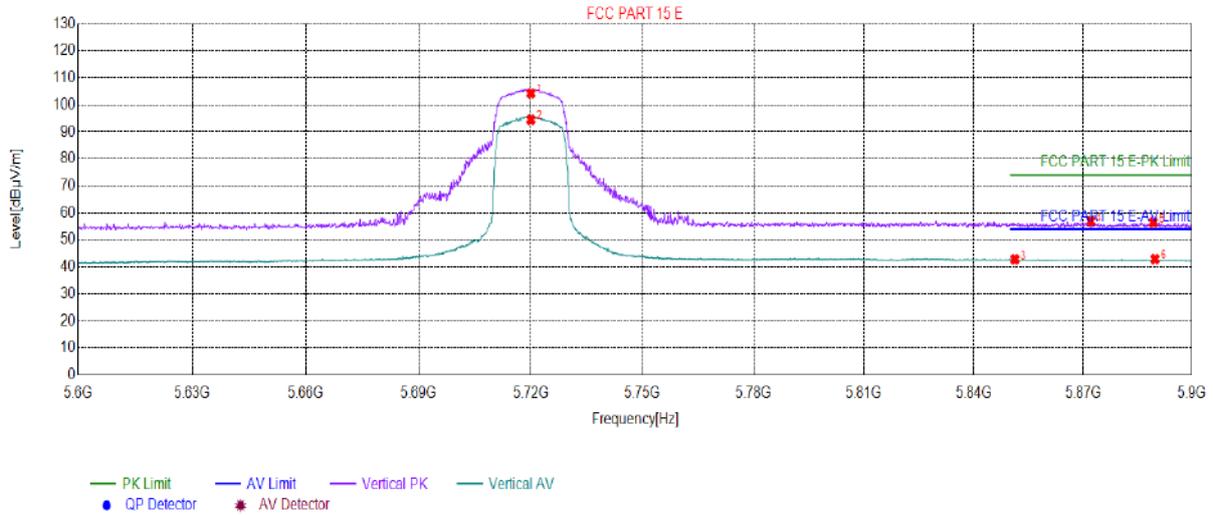
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4.4.1.32 802.11N20_Channel 144

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	104.20	18.33	0.00	-104.20	254	129	Vertical
2	5720.00	94.50	18.33	0.00	-94.50	225	133	Vertical
3	5851.22	42.81	18.75	54.00	11.19	241	289	Vertical
4	5872.08	56.93	18.83	74.00	17.07	263	206	Vertical
5	5889.34	56.50	18.95	74.00	17.50	278	220	Vertical
6	5889.79	42.89	18.97	54.00	11.11	259	168	Vertical

Final Data List



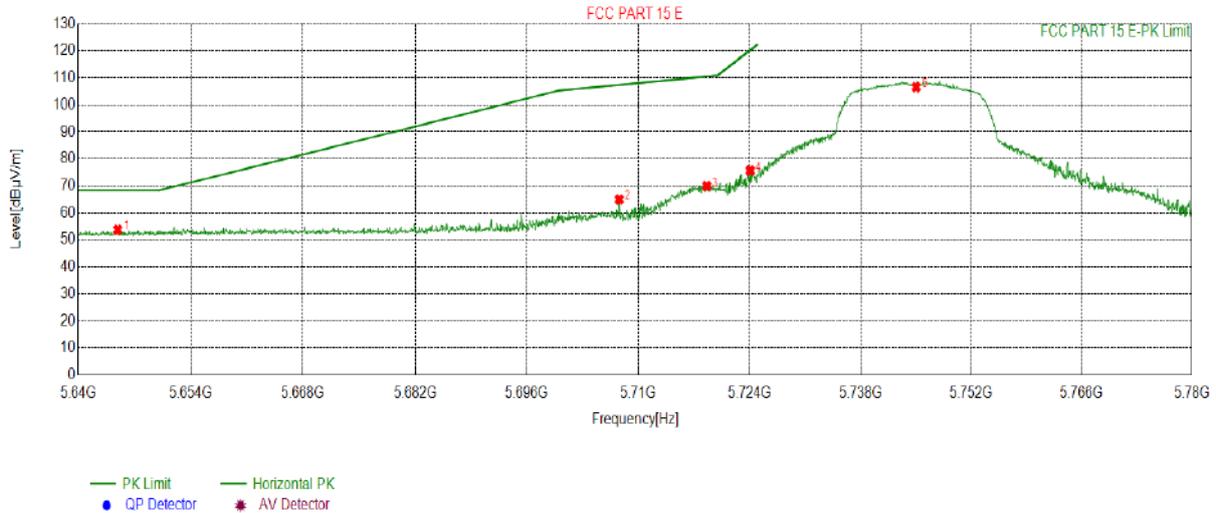
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4.4.1.33 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.90	53.74	18.00	68.30	14.56	157	321	Horizontal
2	5707.58	64.97	18.42	107.42	42.45	163	346	Horizontal
3	5718.57	69.92	18.38	110.50	40.58	189	24	Horizontal
4	5724.04	75.65	18.33	120.12	44.47	178	2	Horizontal
5	5745.00	106.57	18.37	0.00	-106.57	169	24	Horizontal

Final Data List



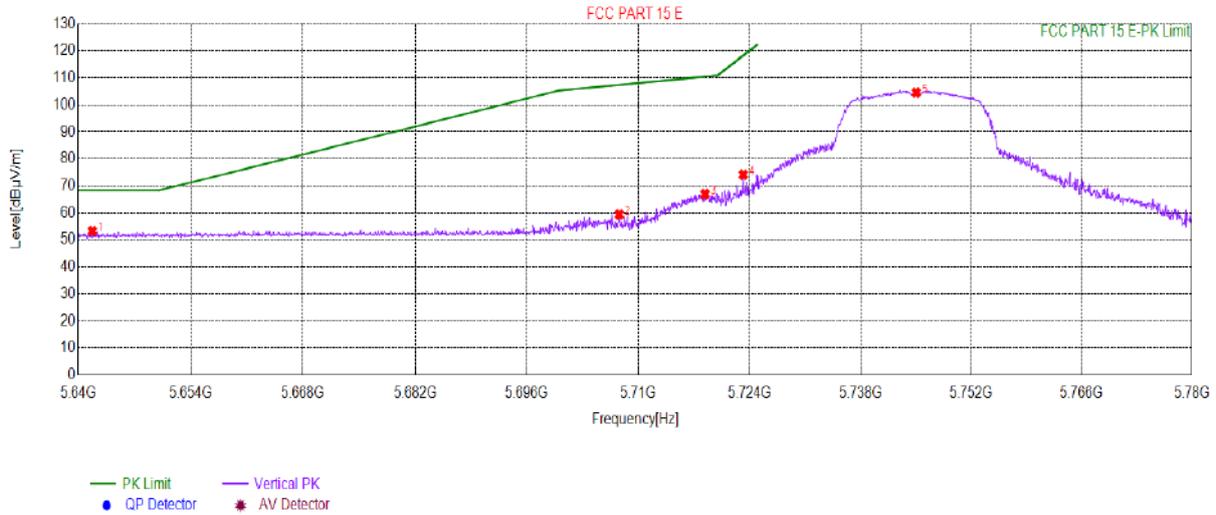
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4.4.1.34 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.75	53.26	18.06	68.30	15.04	225	97	Vertical
2	5707.58	59.46	18.42	107.42	47.96	241	128	Vertical
3	5718.36	66.94	18.39	110.44	43.50	236	145	Vertical
4	5723.20	74.16	18.33	118.20	44.04	275	139	Vertical
5	5745.00	104.51	18.37	0.00	-104.51	249	148	Vertical

Final Data List



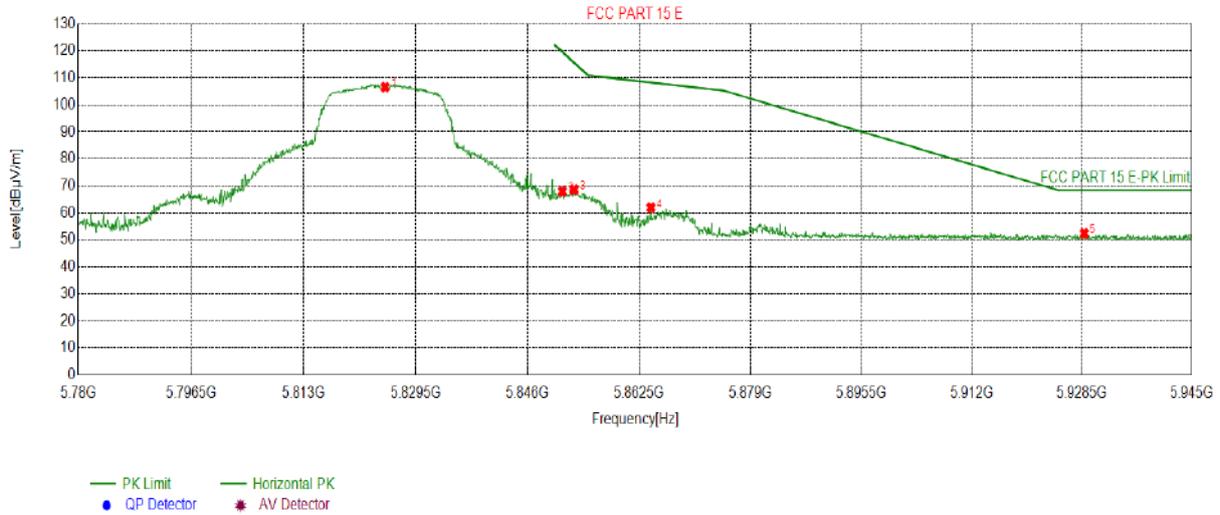
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4.4.1.35 802.11N20_Channel 165

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	106.57	18.80	0.00	-106.57	159	16	Horizontal
2	5851.15	67.92	18.75	119.68	51.76	178	344	Horizontal
3	5852.88	68.60	18.71	115.72	47.12	163	16	Horizontal
4	5864.27	61.90	18.79	108.30	46.40	148	322	Horizontal
5	5928.82	52.39	19.16	68.30	15.91	159	76	Horizontal

Final Data List



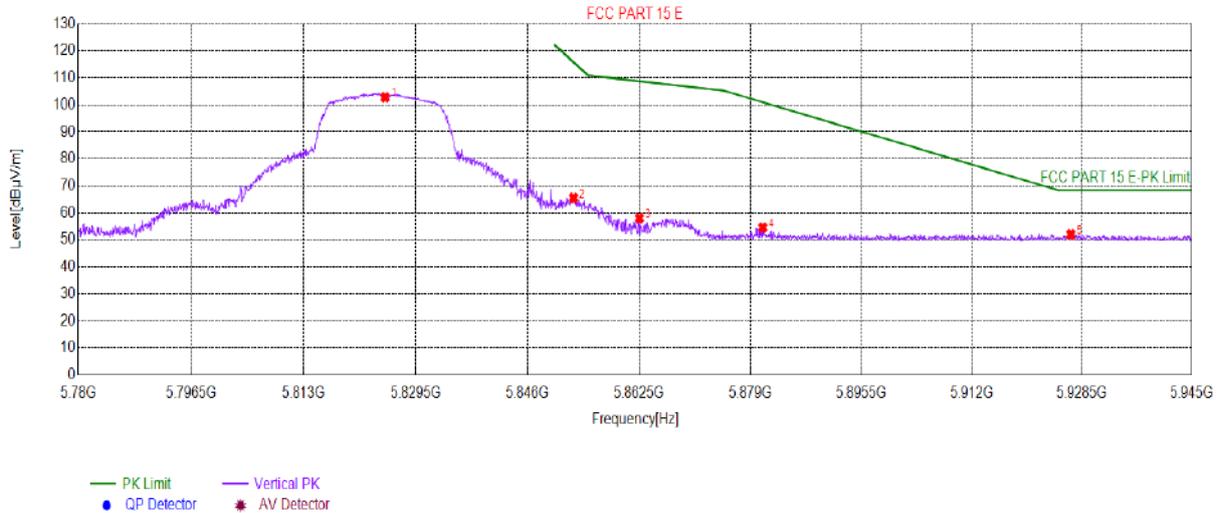
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4.4.1.36 802.11N20_Channel 165

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	102.75	18.80	0.00	-102.75	225	128	Vertical
2	5852.80	65.55	18.71	115.91	50.36	241	195	Vertical
3	5862.54	58.05	18.70	108.79	50.74	236	135	Vertical
4	5880.86	54.55	18.66	100.96	46.41	247	192	Vertical
5	5926.84	52.04	19.12	68.30	16.26	289	181	Vertical

Final Data List



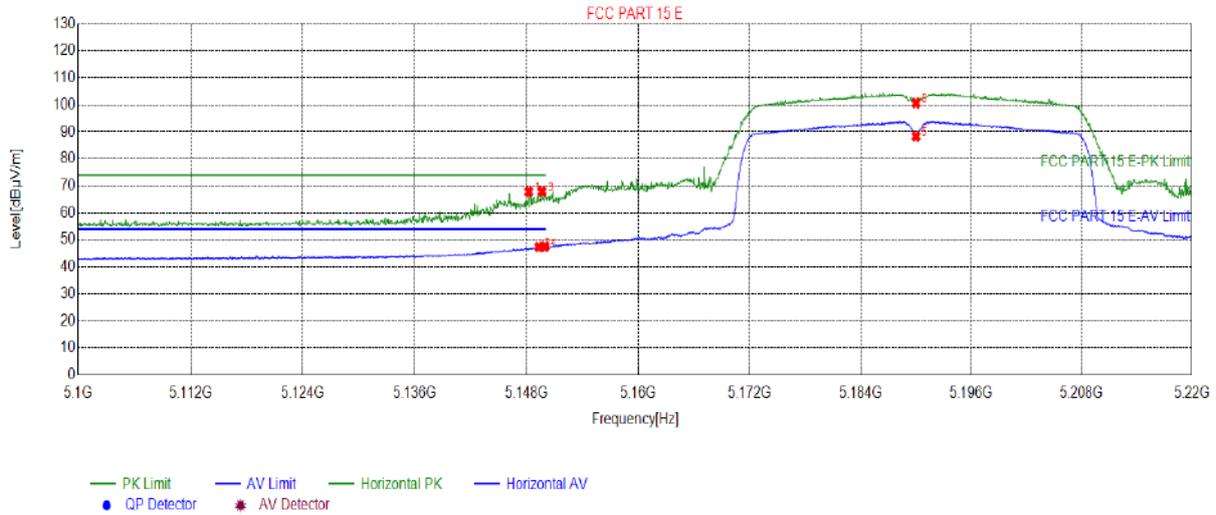
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4.4.1.37 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5148.20	67.79	19.33	74.00	6.21	174	355	Horizontal
2	5149.28	47.37	19.33	54.00	6.63	163	0	Horizontal
3	5149.64	67.85	19.33	74.00	6.15	189	346	Horizontal
4	5149.94	47.47	19.33	54.00	6.53	154	0	Horizontal
5	5190.00	88.33	19.00	0.00	-88.33	163	0	Horizontal
6	5190.00	100.66	19.00	0.00	-100.66	172	360	Horizontal

Final Data List



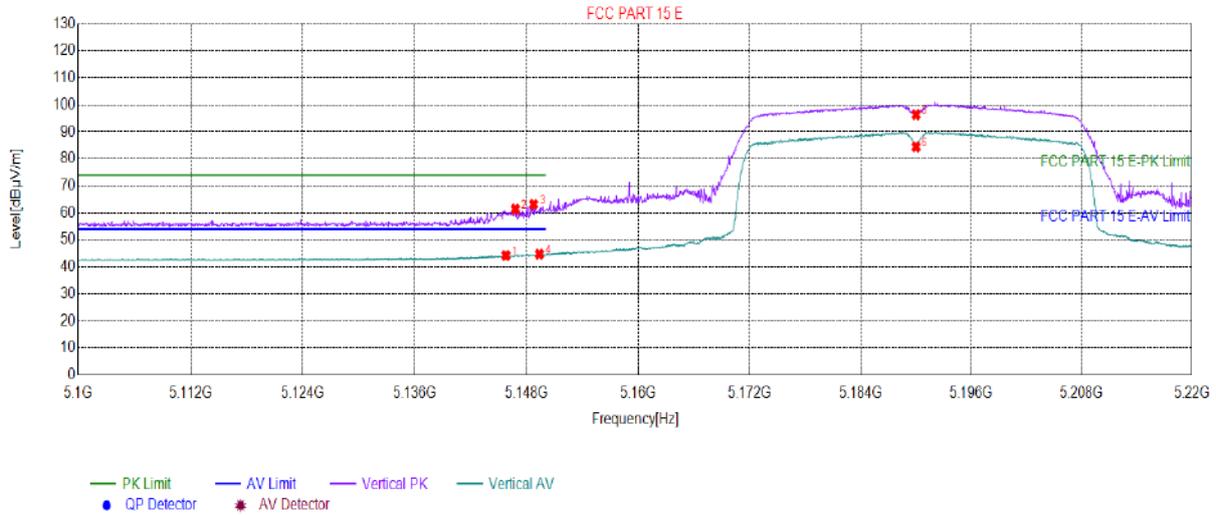
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4.4.1.38 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.74	44.25	19.32	54.00	9.75	225	130	Vertical
2	5146.76	61.41	19.32	74.00	12.59	274	92	Vertical
3	5148.74	63.14	19.33	74.00	10.86	263	133	Vertical
4	5149.34	44.75	19.33	54.00	9.25	247	137	Vertical
5	5190.00	96.33	19.00	0.00	-96.33	241	112	Vertical
6	5190.00	84.42	19.00	0.00	-84.42	222	134	Vertical

Final Data List



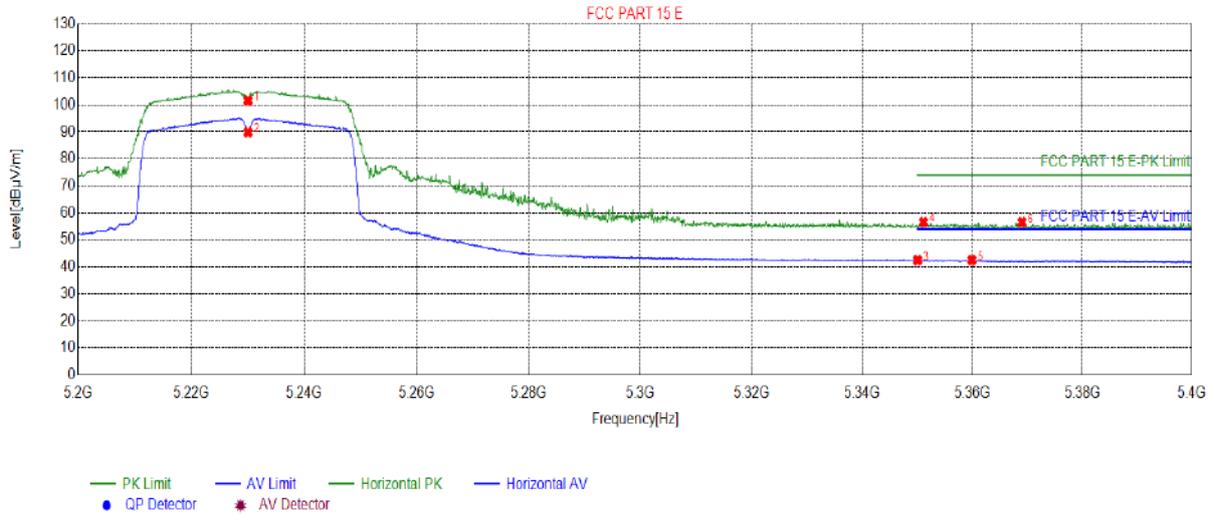
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4.4.1.39 802.11N40_Channel 46

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	101.59	18.94	0.00	-101.59	157	360	Horizontal
2	5230.00	89.88	18.94	0.00	-89.88	163	16	Horizontal
3	5350.00	42.49	18.54	54.00	11.51	174	16	Horizontal
4	5351.07	56.59	18.54	74.00	17.41	198	275	Horizontal
5	5359.87	42.51	18.60	54.00	11.49	167	1	Horizontal
6	5368.98	56.58	18.45	74.00	17.42	149	255	Horizontal

Final Data List



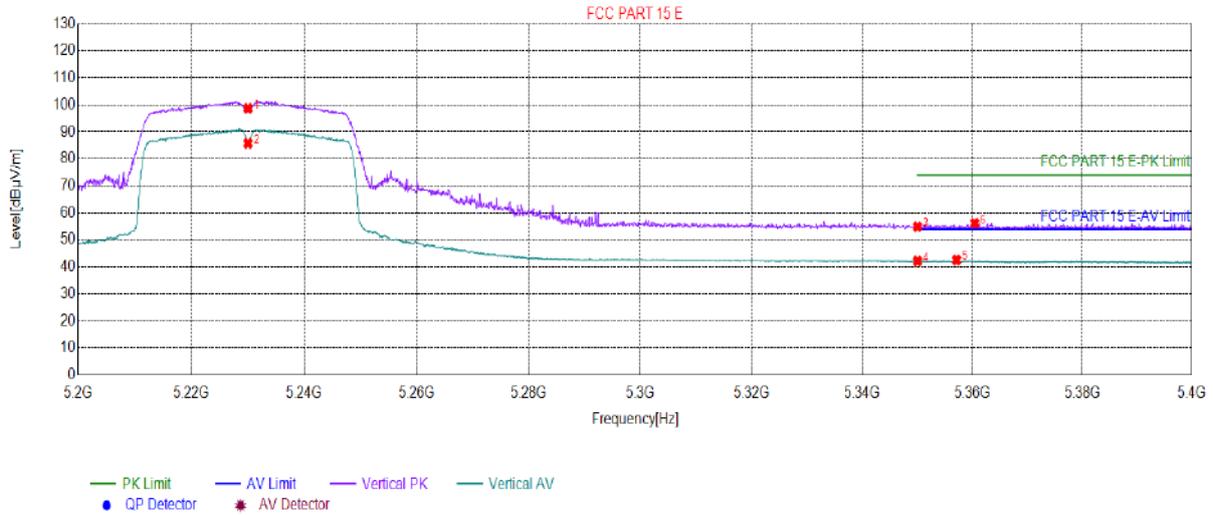
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4.4.1.40 802.11N40_Channel 46

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	98.72	18.94	0.00	-98.72	222	124	Vertical
2	5230.00	85.72	18.94	0.00	-85.72	245	119	Vertical
3	5350.00	54.88	18.54	74.00	19.12	263	31	Vertical
4	5350.00	42.15	18.54	54.00	11.85	274	124	Vertical
5	5357.07	42.53	18.57	54.00	11.47	289	86	Vertical
6	5360.38	56.19	18.58	74.00	17.81	241	340	Vertical

Final Data List



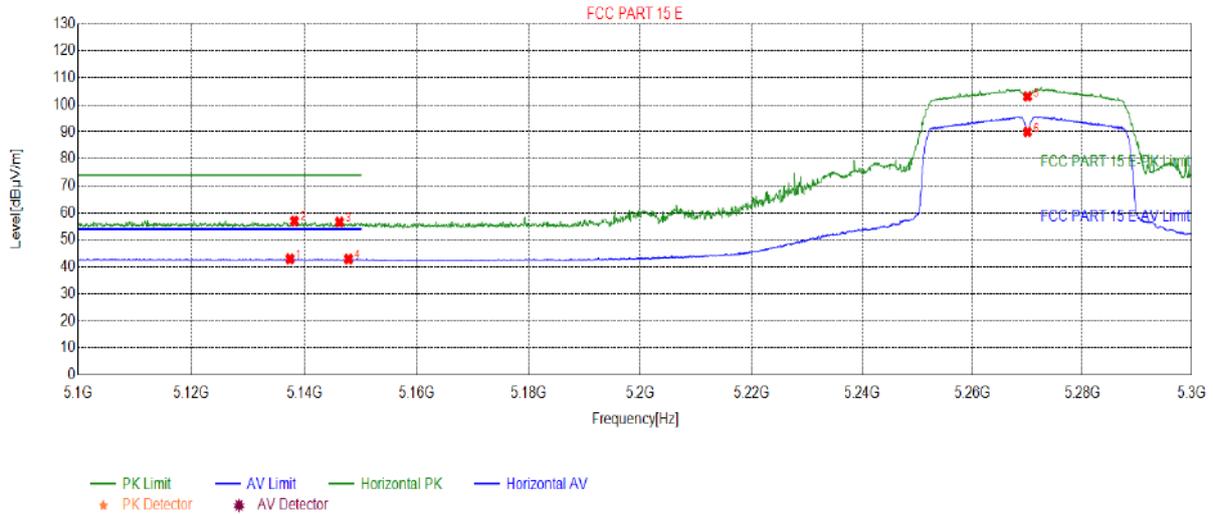
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4.4.1.41 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.41	42.99	19.38	54.00	11.01	157	344	Horizontal
2	5138.21	57.00	19.37	74.00	17.00	163	18	Horizontal
3	5146.22	56.62	19.32	74.00	17.38	174	160	Horizontal
4	5147.82	42.94	19.33	54.00	11.06	189	344	Horizontal
5	5270.00	103.05	18.63	0.00	-103.05	164	344	Horizontal
6	5270.00	90.00	18.63	0.00	-90.00	178	344	Horizontal

Final Data List



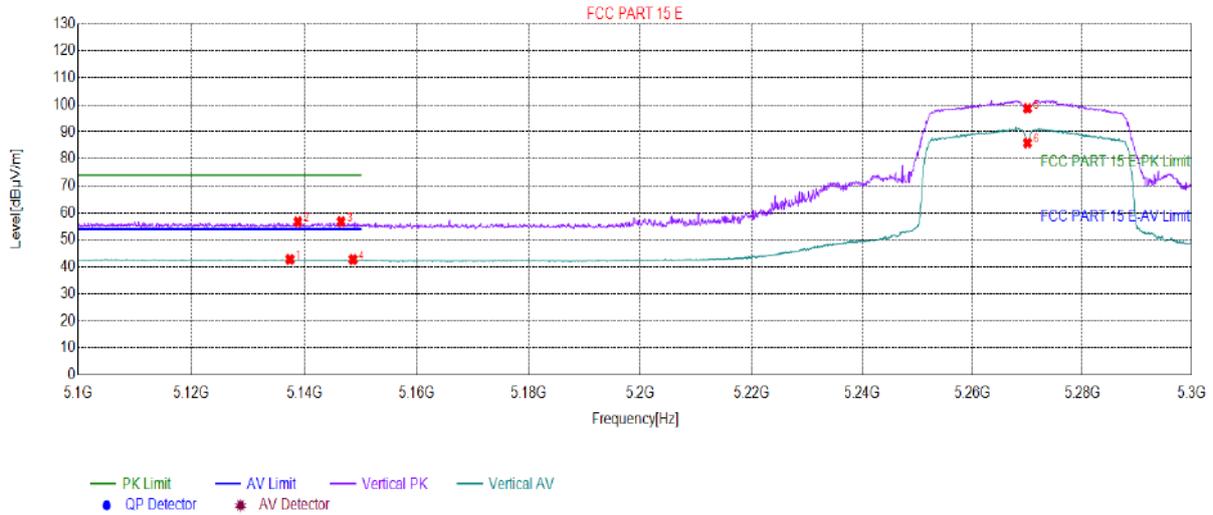
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4.4.1.42 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.41	42.80	19.38	54.00	11.20	222	143	Vertical
2	5138.81	56.74	19.36	74.00	17.26	241	76	Vertical
3	5146.52	56.81	19.32	74.00	17.19	286	3	Vertical
4	5148.62	42.73	19.33	54.00	11.27	274	99	Vertical
5	5270.00	98.72	18.63	0.00	-98.72	253	119	Vertical
6	5270.00	85.82	18.63	0.00	-85.82	249	143	Vertical

Final Data List



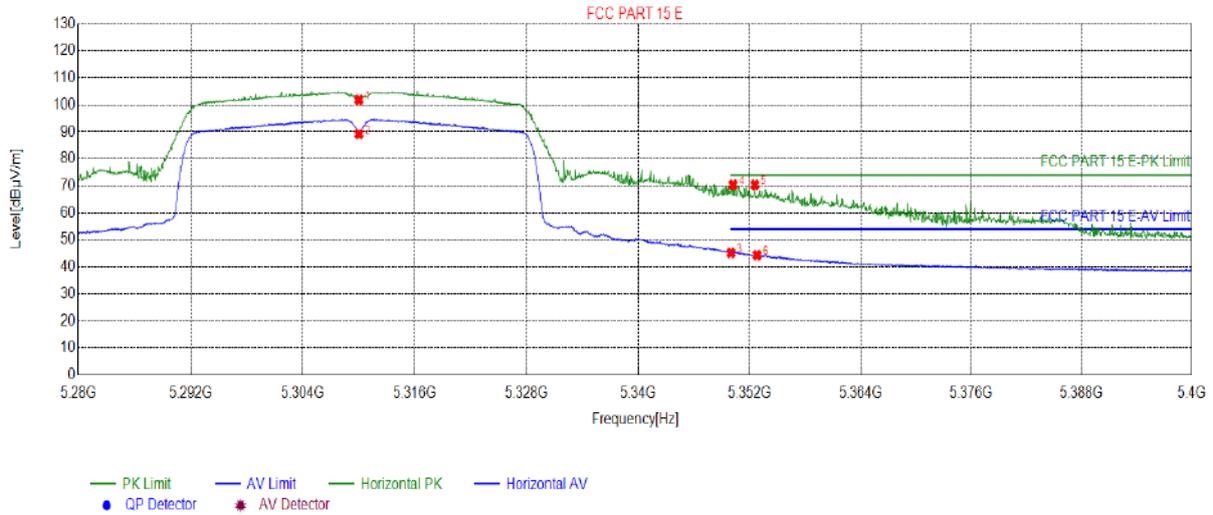
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4.4.1.43 802.11N40_Channel 62

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	101.89	18.57	0.00	-101.89	159	14	Horizontal
2	5310.00	89.19	18.57	0.00	-89.19	178	360	Horizontal
3	5350.00	45.15	18.54	54.00	8.85	126	360	Horizontal
4	5350.23	70.37	18.54	74.00	3.63	148	346	Horizontal
5	5352.57	70.32	18.54	74.00	3.68	159	17	Horizontal
6	5352.81	44.35	18.55	54.00	9.65	167	346	Horizontal

Final Data List



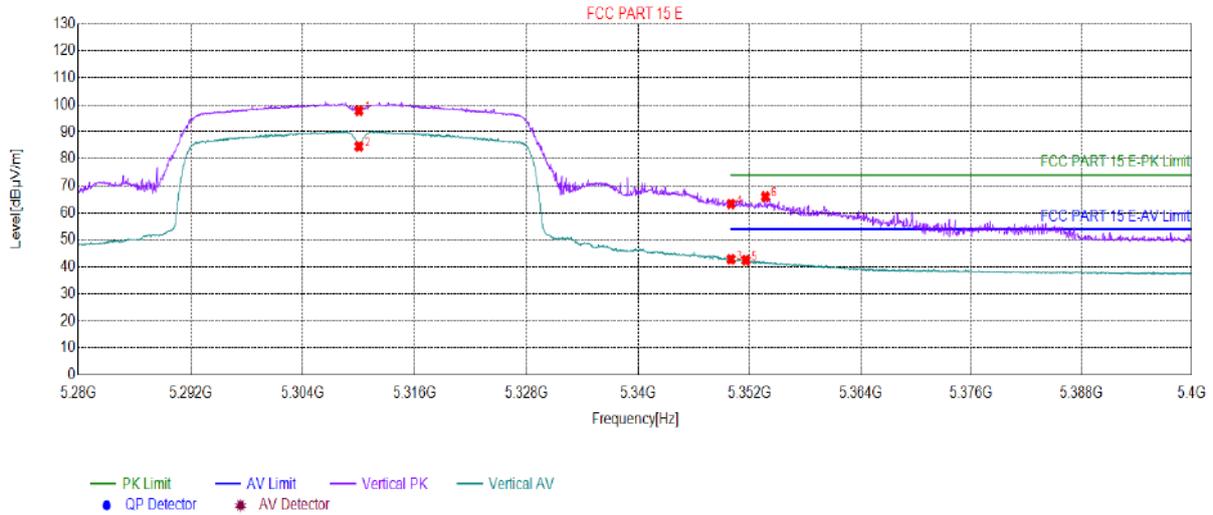
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4.4.1.44 802.11N40_Channel 62

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	97.82	18.57	0.00	-97.82	222	131	Vertical
2	5310.00	84.57	18.57	0.00	-84.57	241	102	Vertical
3	5350.00	42.84	18.54	54.00	11.16	236	115	Vertical
4	5350.00	63.28	18.54	74.00	10.72	247	123	Vertical
5	5351.61	42.45	18.54	54.00	11.55	259	119	Vertical
6	5353.71	65.98	18.55	74.00	8.02	262	115	Vertical

Final Data List



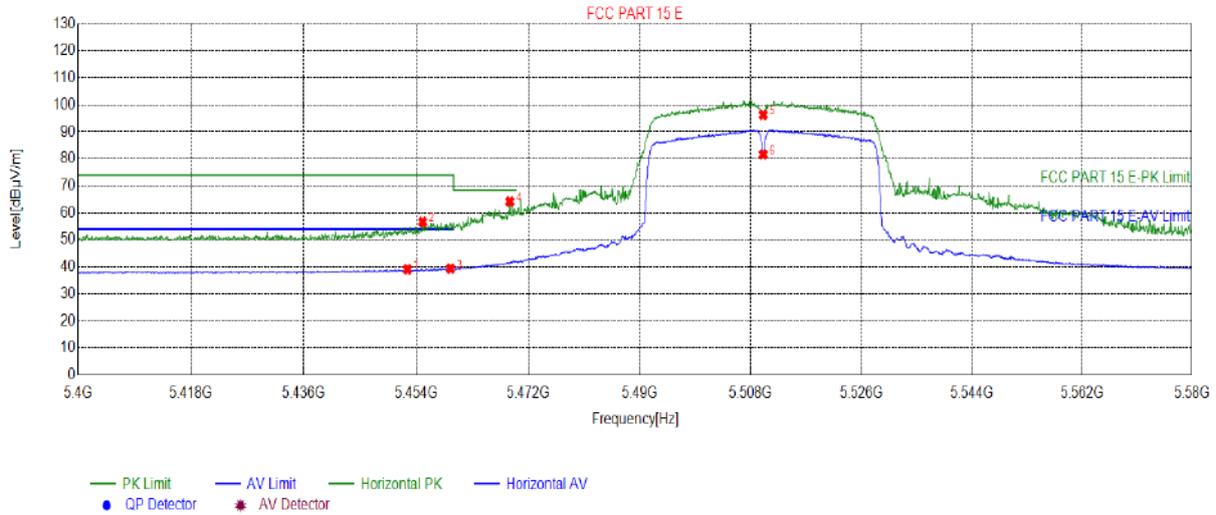
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4.4.1.45 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.58	39.08	18.08	54.00	14.92	159	342	Horizontal
2	5455.01	56.65	18.06	74.00	17.35	174	358	Horizontal
3	5459.51	39.36	18.12	54.00	14.64	163	7	Horizontal
4	5469.06	64.20	18.20	68.30	4.10	178	13	Horizontal
5	5510.00	96.27	18.08	0.00	-96.27	196	342	Horizontal
6	5510.00	81.63	18.08	0.00	-81.63	149	1	Horizontal

Final Data List



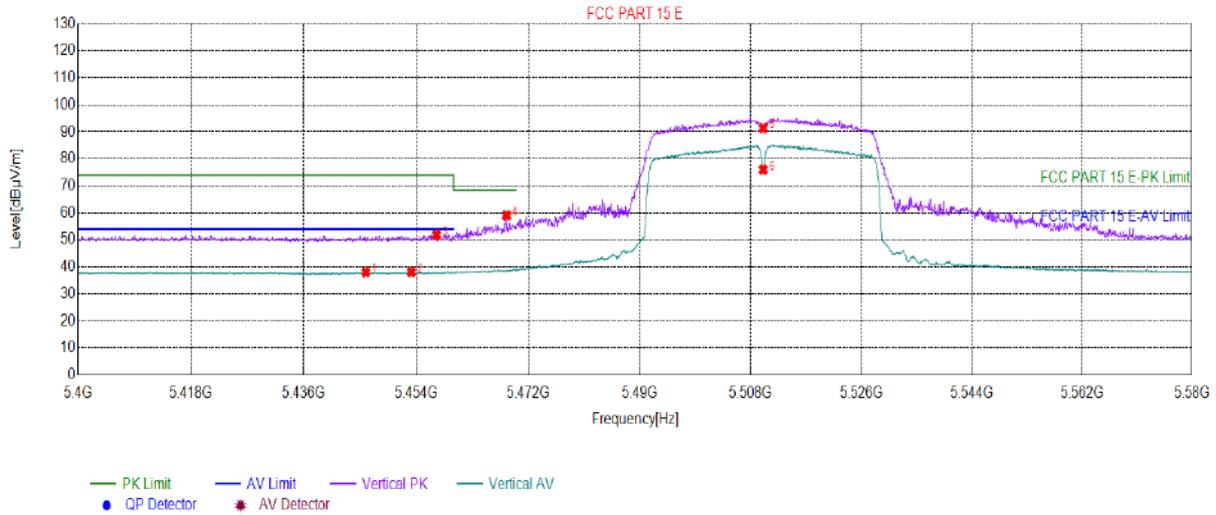
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4.4.1.46 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.92	37.97	18.14	54.00	16.03	222	84	Vertical
2	5453.21	38.05	18.07	54.00	15.95	241	74	Vertical
3	5457.26	51.86	18.09	74.00	22.14	263	144	Vertical
4	5468.52	59.01	18.20	68.30	9.29	274	256	Vertical
5	5510.00	91.41	18.08	0.00	-91.41	258	250	Vertical
6	5510.00	76.03	18.08	0.00	-76.03	224	236	Vertical

Final Data List



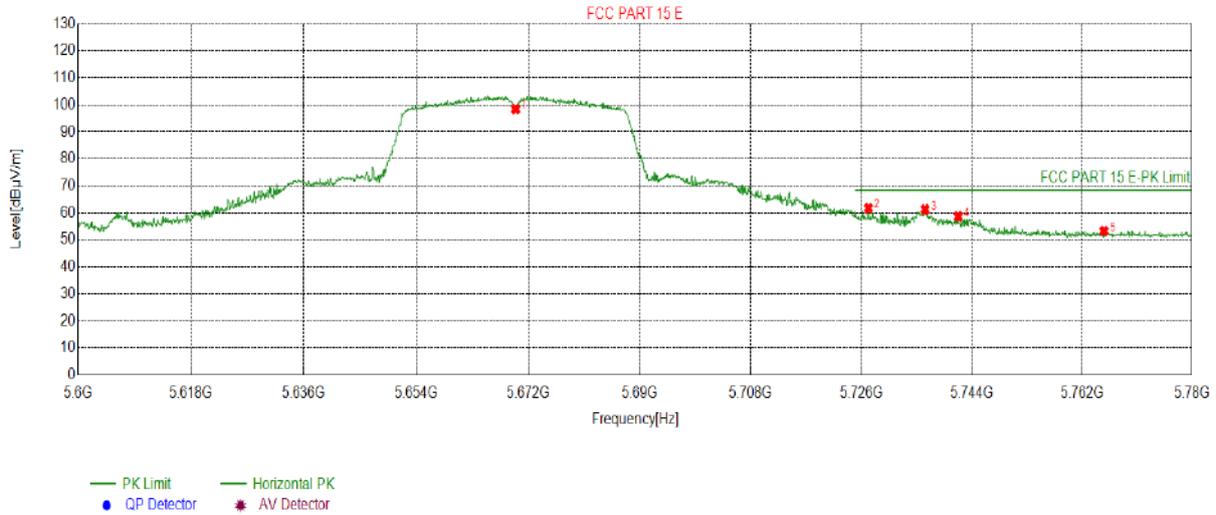
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4.4.1.47 802.11N40_Channel 134

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	98.44	18.24	0.00	-98.44	157	16	Horizontal
2	5727.14	61.71	18.40	68.30	6.59	196	353	Horizontal
3	5736.32	61.26	18.38	68.30	7.04	164	25	Horizontal
4	5741.73	58.67	18.34	68.30	9.63	159	24	Horizontal
5	5765.59	53.26	18.35	68.30	15.04	178	232	Horizontal

Final Data List



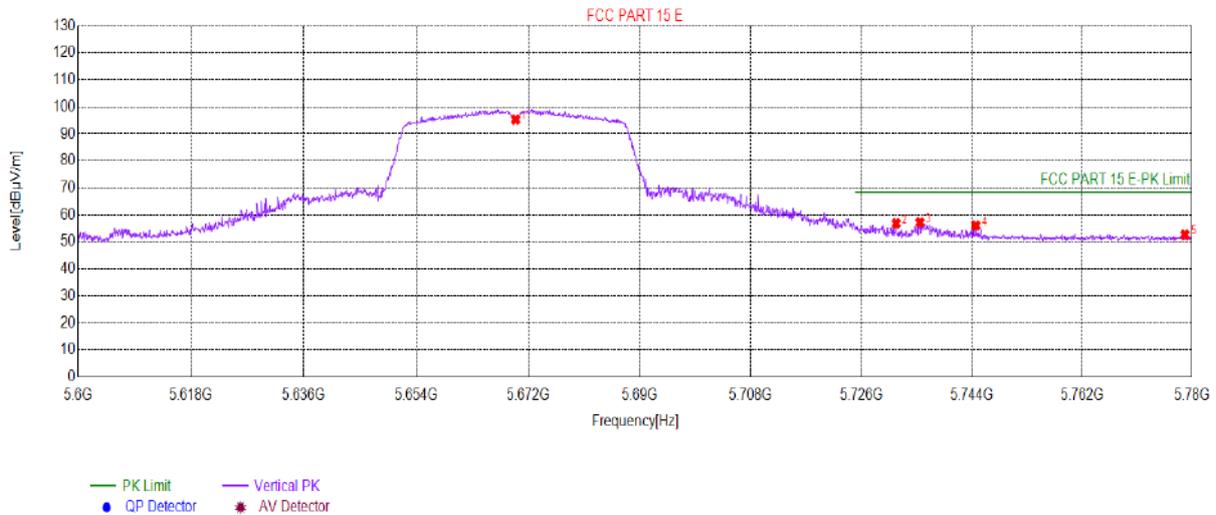
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4.4.1.48 802.11N40_Channel 134

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	95.27	18.24	0.00	-95.27	178	151	Vertical
2	5731.64	56.85	18.47	68.30	11.45	163	222	Vertical
3	5735.51	57.21	18.39	68.30	11.09	189	242	Vertical
4	5744.61	56.06	18.36	68.30	12.24	157	248	Vertical
5	5778.82	52.63	18.33	68.30	15.67	168	45	Vertical

Final Data List



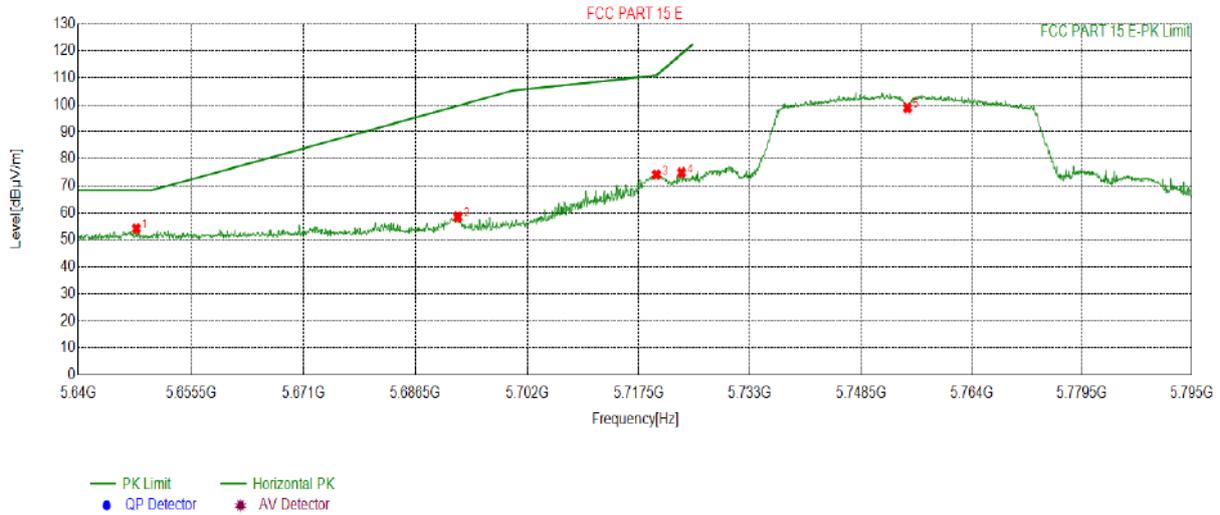
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4.4.1.49 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.98	54.16	17.97	68.30	14.14	192	7	Horizontal
2	5692.33	58.47	18.27	99.63	41.16	147	15	Horizontal
3	5719.94	74.18	18.33	110.88	36.70	159	353	Horizontal
4	5723.43	74.91	18.33	118.72	43.81	189	345	Horizontal
5	5755.00	98.89	18.39	0.00	-98.89	193	0	Horizontal

Final Data List



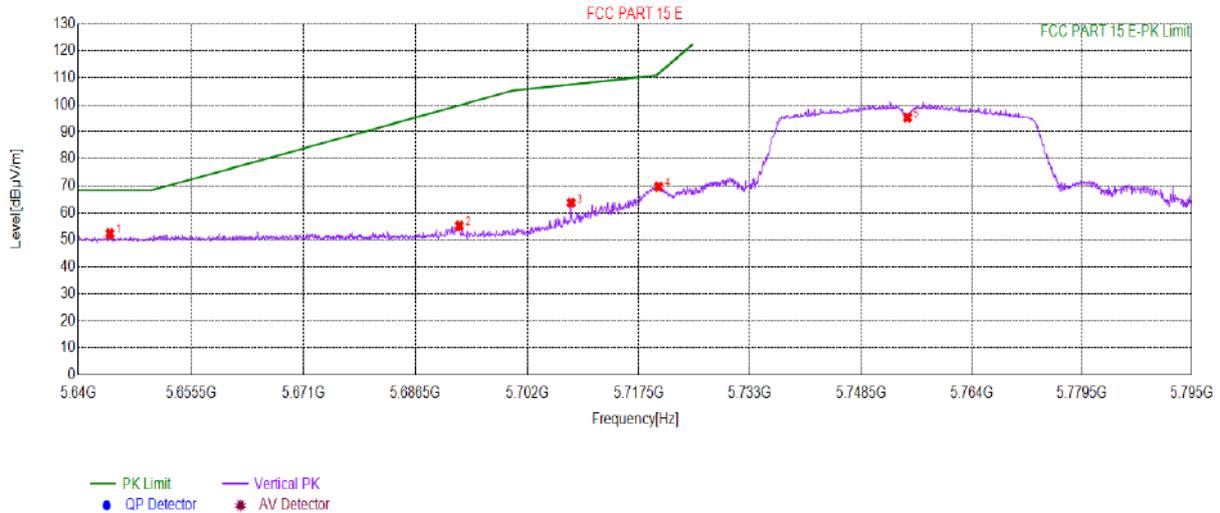
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4.4.1.50 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.34	52.30	18.01	68.30	16.00	224	231	Vertical
2	5692.57	55.21	18.27	99.80	44.59	289	253	Vertical
3	5708.07	63.74	18.44	107.56	43.82	263	242	Vertical
4	5720.25	69.67	18.33	111.48	41.81	274	250	Vertical
5	5755.00	95.27	18.39	0.00	-95.27	256	250	Vertical

Final Data List



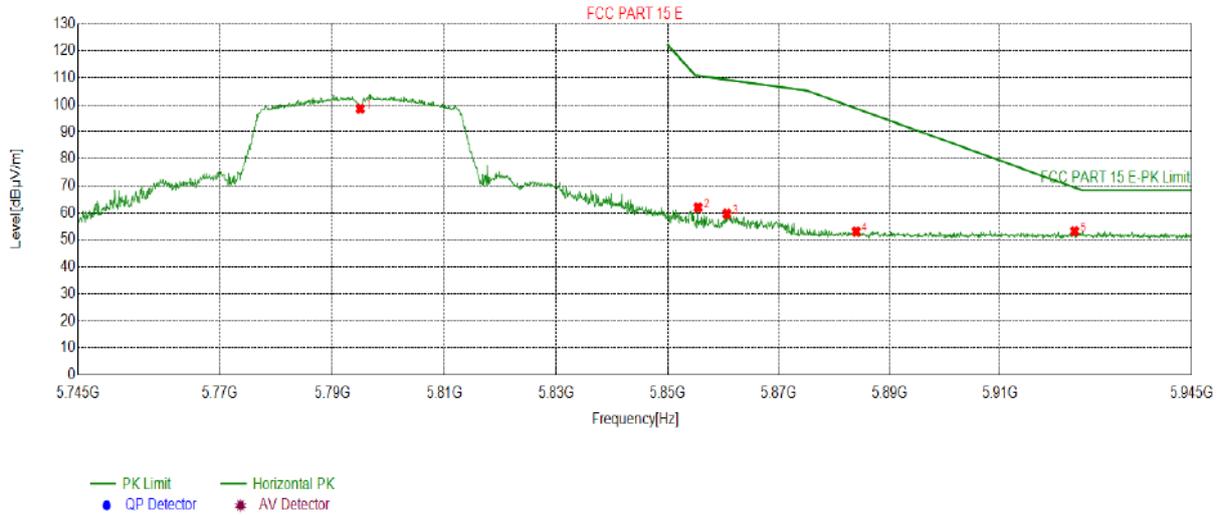
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4.4.1.51 802.11N40_Channel 159

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	98.58	18.58	0.00	-98.58	159	353	Horizontal
2	5855.45	61.95	18.65	110.77	48.82	278	45	Horizontal
3	5860.65	59.71	18.61	109.32	49.61	163	9	Horizontal
4	5883.96	53.05	18.76	98.66	45.61	174	4	Horizontal
5	5923.58	53.18	19.01	69.34	16.16	189	94	Horizontal

Final Data List



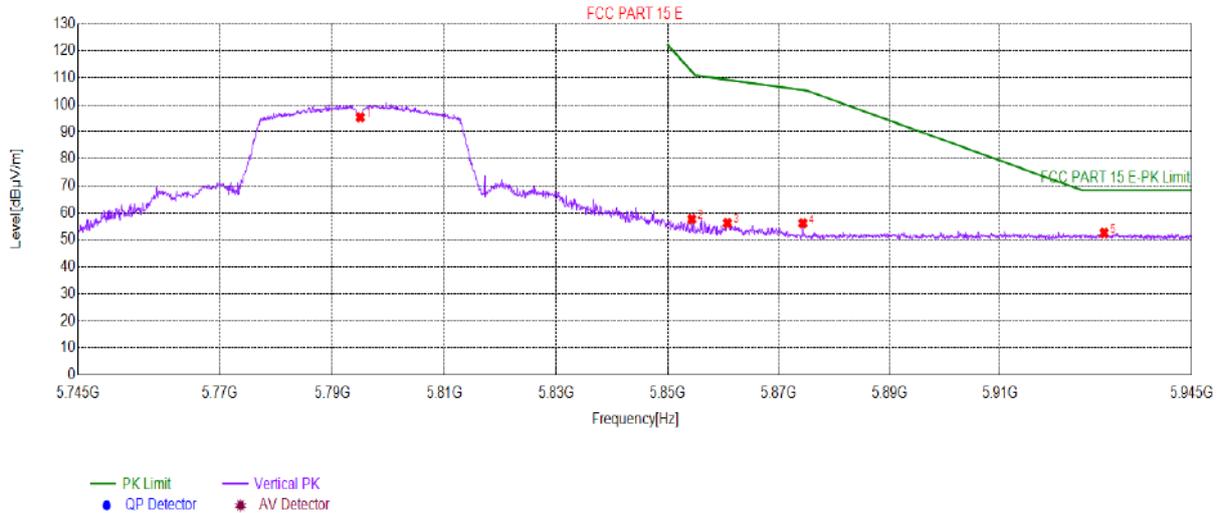
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4.4.1.52 802.11N40_Channel 159

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	95.35	18.58	0.00	-95.35	225	239	Vertical
2	5854.35	57.71	18.67	112.37	54.66	247	239	Vertical
3	5860.75	56.23	18.62	109.29	53.06	263	243	Vertical
4	5874.36	56.17	18.74	105.48	49.31	279	235	Vertical
5	5928.99	52.53	19.16	68.30	15.77	287	102	Vertical

Final Data List



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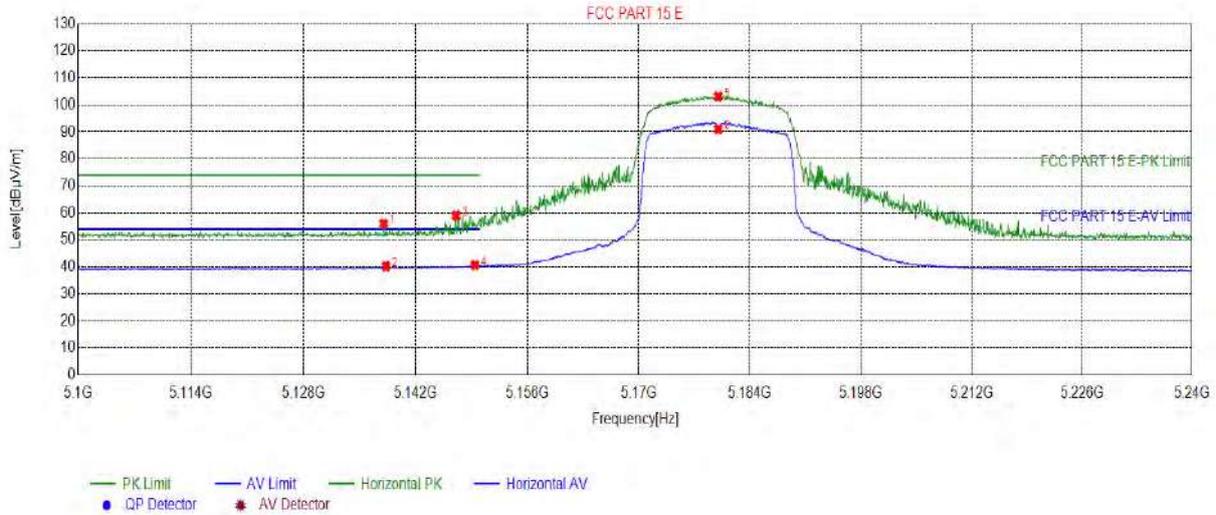
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4.4.1.53 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.02	56.01	19.37	74.00	17.99	159	22	Horizontal
2	5138.30	40.26	19.37	54.00	13.74	178	9	Horizontal
3	5147.06	58.97	19.32	74.00	15.03	163	6	Horizontal
4	5149.44	40.63	19.33	54.00	13.37	184	358	Horizontal
5	5180.00	103.07	19.19	0.00	-103.07	163	349	Horizontal
6	5180.00	91.03	19.19	0.00	-91.03	179	6	Horizontal

Final Data List



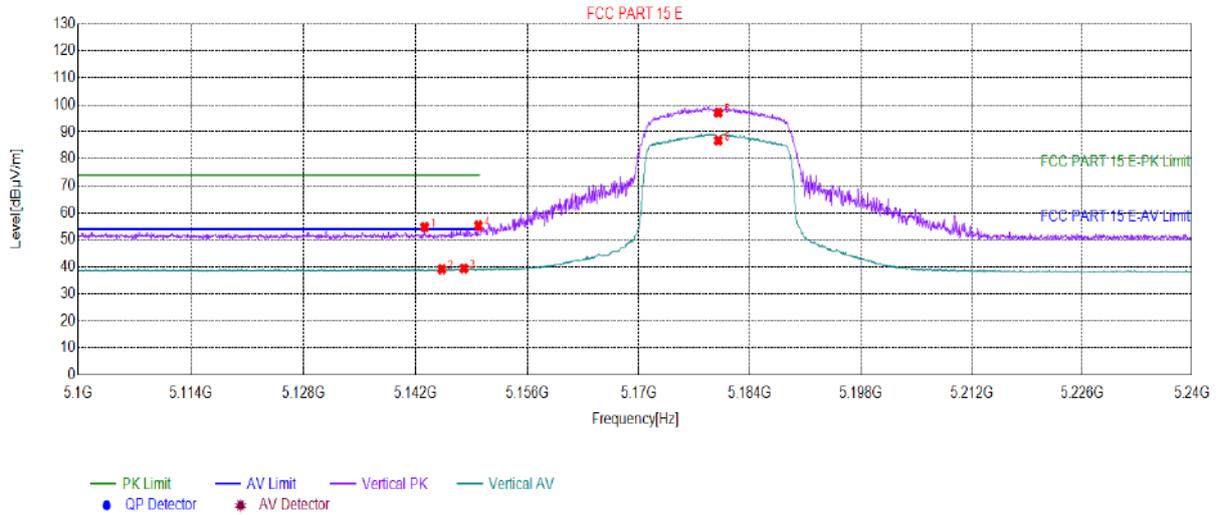
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4.4.1.54 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5143.14	54.77	19.33	74.00	19.23	222	246	Vertical
2	5145.31	39.12	19.32	54.00	14.88	248	249	Vertical
3	5148.04	39.41	19.33	54.00	14.59	263	269	Vertical
4	5149.86	55.29	19.33	74.00	18.71	247	239	Vertical
5	5180.00	97.10	19.19	0.00	-97.10	268	249	Vertical
6	5180.00	86.79	19.19	0.00	-86.79	249	246	Vertical

Final Data List



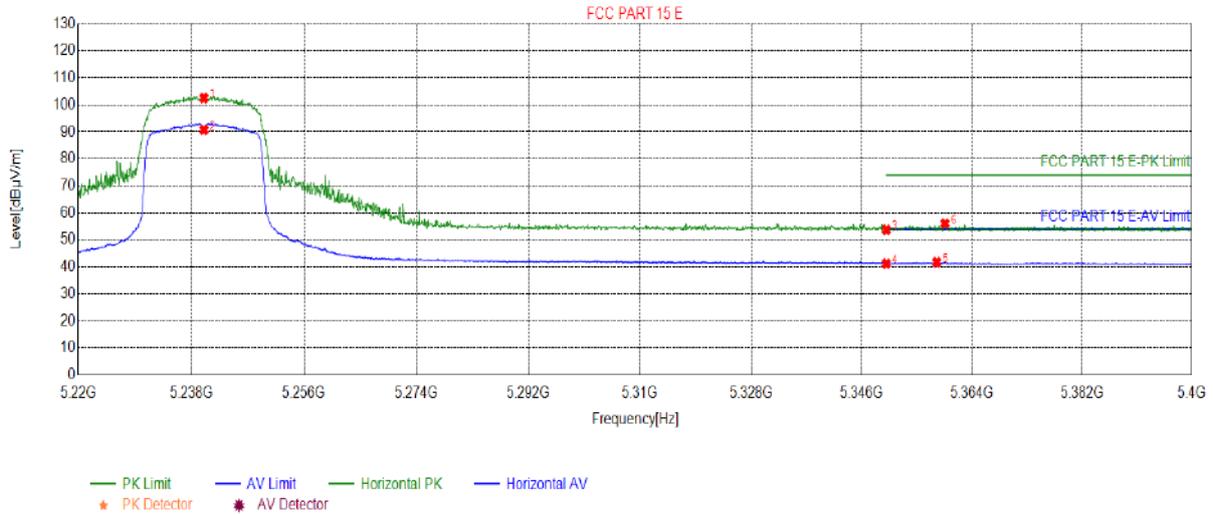
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4.4.1.55 802.11AC20_Channel 48

Test Graph



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	102.47	18.80	0.00	-102.47	157	2	Horizontal
2	5240.00	90.76	18.80	0.00	-90.76	169	2	Horizontal
3	5350.00	53.71	18.54	74.00	20.29	174	55	Horizontal
4	5350.00	41.23	18.54	54.00	12.77	189	331	Horizontal
5	5358.21	41.72	18.58	54.00	12.28	165	12	Horizontal
6	5359.56	56.06	18.59	74.00	17.94	178	69	Horizontal

Final Data List



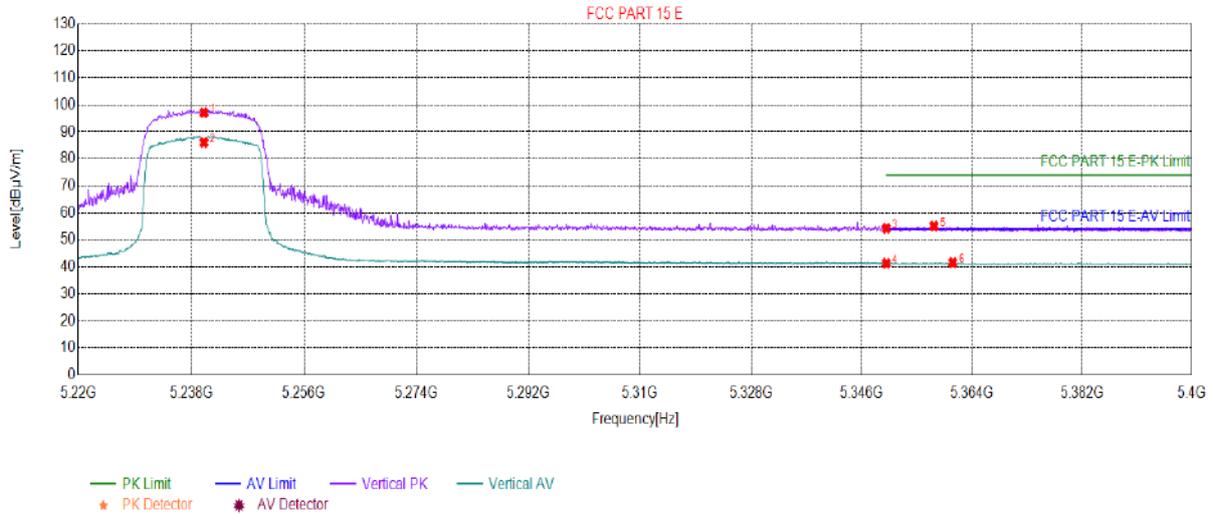
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4.4.1.56 802.11AC20_Channel 48

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	97.09	18.80	0.00	-97.09	225	158	Vertical
2	5240.00	86.02	18.80	0.00	-86.02	247	154	Vertical
3	5350.00	54.25	18.54	74.00	19.75	219	21	Vertical
4	5350.00	41.37	18.54	54.00	12.63	286	267	Vertical
5	5357.76	55.12	18.58	74.00	18.88	236	287	Vertical
6	5360.83	41.59	18.57	54.00	12.41	247	263	Vertical

Final Data List



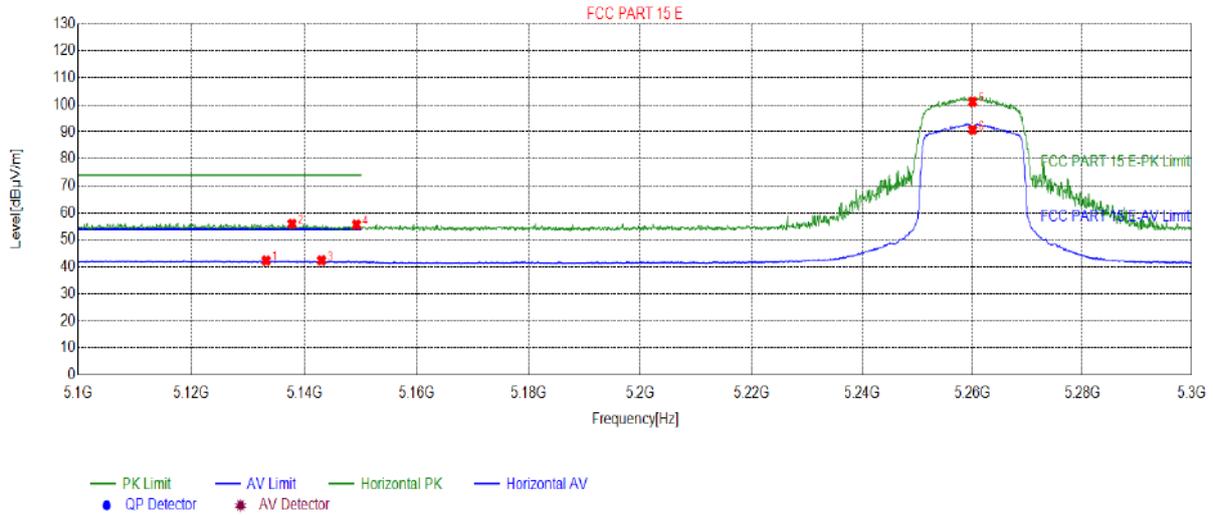
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4.4.1.57 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.21	42.27	19.39	54.00	11.73	187	209	Horizontal
2	5137.81	55.97	19.37	74.00	18.03	196	230	Horizontal
3	5143.02	42.38	19.33	54.00	11.62	175	360	Horizontal
4	5149.22	55.62	19.33	74.00	18.38	184	8	Horizontal
5	5260.00	101.08	18.84	0.00	-101.08	162	11	Horizontal
6	5260.00	90.76	18.84	0.00	-90.76	176	360	Horizontal

Final Data List



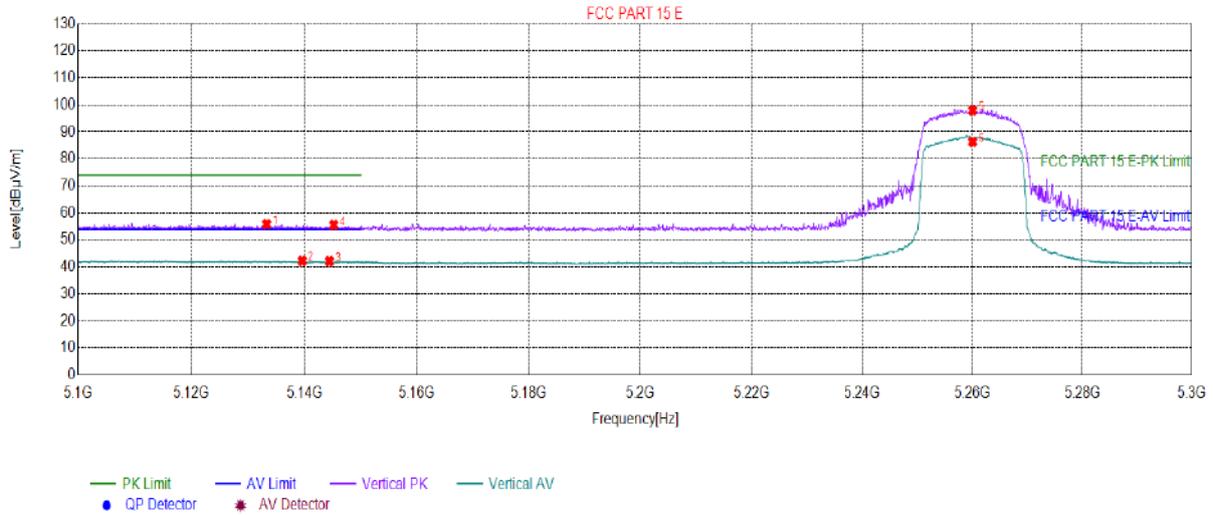
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4.4.1.58 802.11AC20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5133.31	55.80	19.39	74.00	18.20	225	124	Vertical
2	5139.61	42.19	19.35	54.00	11.81	241	0	Vertical
3	5144.42	42.08	19.32	54.00	11.92	263	174	Vertical
4	5145.22	55.50	19.32	74.00	18.50	274	158	Vertical
5	5260.00	97.94	18.84	0.00	-97.94	229	260	Vertical
6	5260.00	86.25	18.84	0.00	-86.25	244	260	Vertical

Final Data List



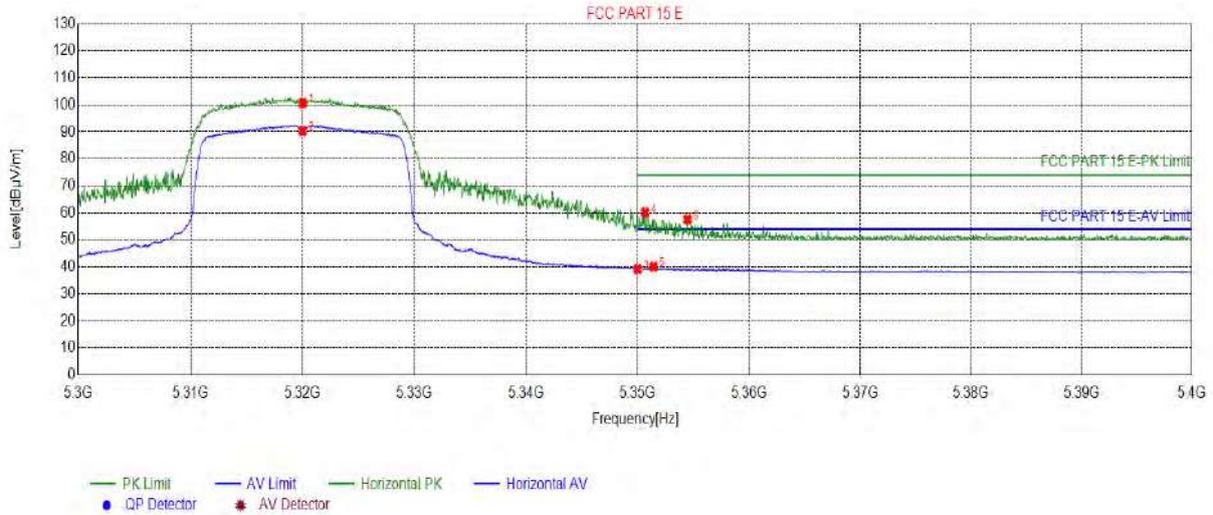
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4.4.1.59 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	100.62	18.58	0.00	-100.62	157	2	Horizontal
2	5320.00	90.32	18.58	0.00	-90.32	164	360	Horizontal
3	5350.00	39.19	18.54	54.00	14.81	178	2	Horizontal
4	5350.67	60.08	18.54	74.00	13.92	198	327	Horizontal
5	5351.42	40.13	18.54	54.00	13.87	165	347	Horizontal
6	5354.47	57.58	18.55	74.00	16.42	174	30	Horizontal

Final Data List



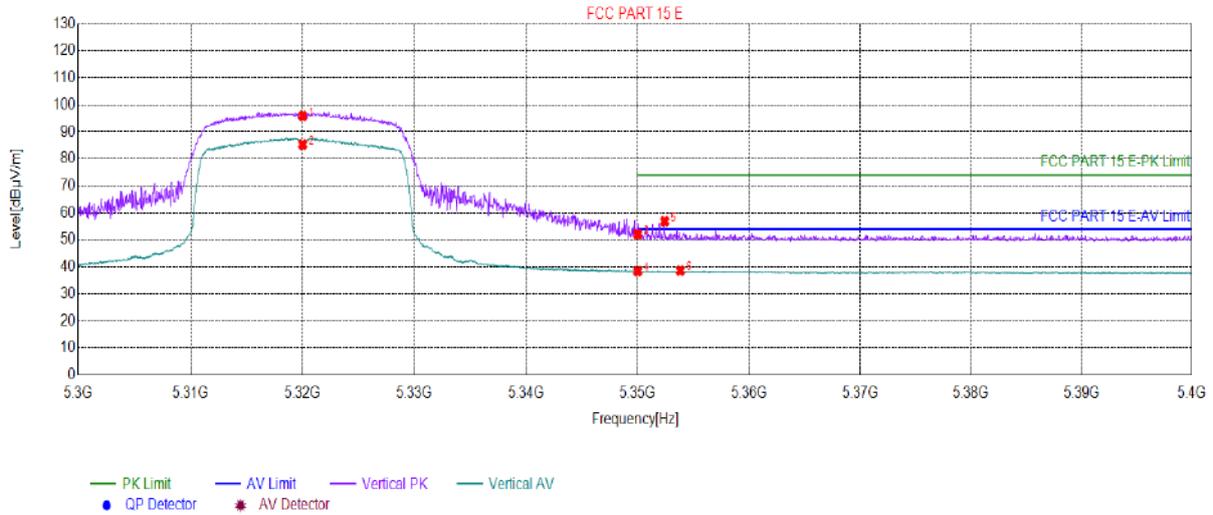
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4.4.1.60 802.11AC20_Channel 64

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	95.88	18.58	0.00	-95.88	225	258	Vertical
2	5320.00	85.30	18.58	0.00	-85.30	274	157	Vertical
3	5350.00	52.08	18.54	74.00	21.92	263	153	Vertical
4	5350.00	38.37	18.54	54.00	15.63	247	259	Vertical
5	5352.42	56.90	18.54	74.00	17.10	296	276	Vertical
6	5353.82	38.62	18.55	54.00	15.38	250	246	Vertical

Final Data List



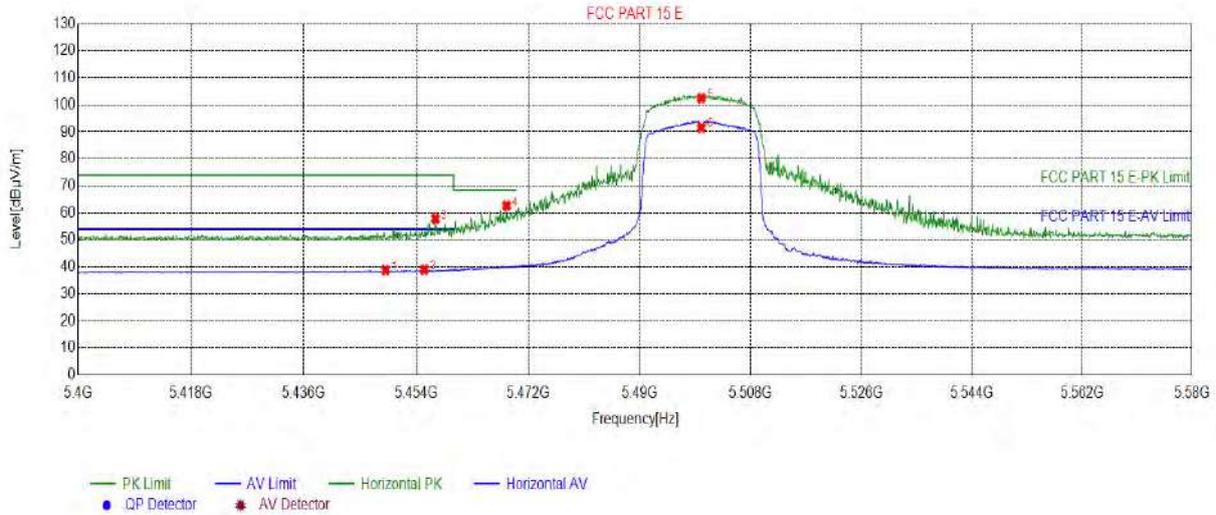
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4.4.1.61 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.07	38.81	18.11	54.00	15.19	157	2	Horizontal
2	5455.28	39.02	18.06	54.00	14.98	149	8	Horizontal
3	5457.08	57.84	18.09	74.00	16.16	187	21	Horizontal
4	5468.52	62.68	18.20	68.30	5.62	179	42	Horizontal
5	5500.00	102.41	18.24	0.00	-102.41	184	2	Horizontal
6	5500.00	91.59	18.24	0.00	-91.59	194	18	Horizontal

Final Data List



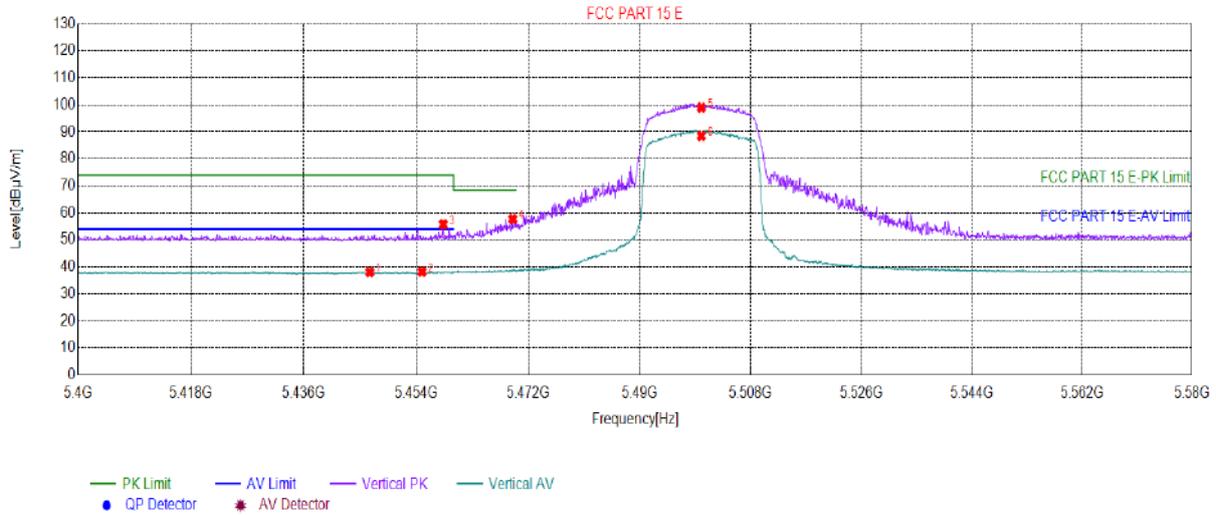
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4.4.1.62 802.11AC20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.55	38.03	18.14	54.00	15.97	225	279	Vertical
2	5454.92	38.19	18.06	54.00	15.81	241	157	Vertical
3	5458.34	55.76	18.11	74.00	18.24	263	262	Vertical
4	5469.51	57.75	18.20	68.30	10.55	214	267	Vertical
5	5500.00	98.98	18.24	0.00	-98.98	287	250	Vertical
6	5500.00	88.50	18.24	0.00	-88.50	263	257	Vertical

Final Data List



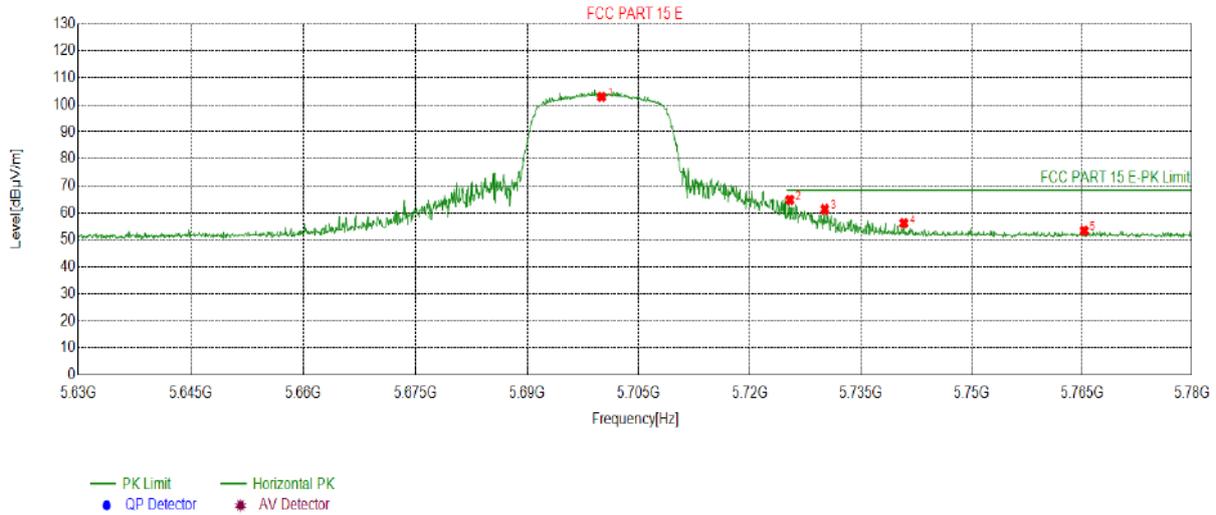
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4.4.1.63 802.11AC20_Channel 140

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	102.93	18.24	0.00	-102.93	157	0	Horizontal
2	5725.37	64.80	18.34	68.30	3.50	162	358	Horizontal
3	5730.10	61.32	18.50	68.30	6.98	178	40	Horizontal
4	5740.83	56.21	18.33	68.30	12.09	196	2	Horizontal
5	5765.29	53.36	18.35	68.30	14.94	148	43	Horizontal

Final Data List



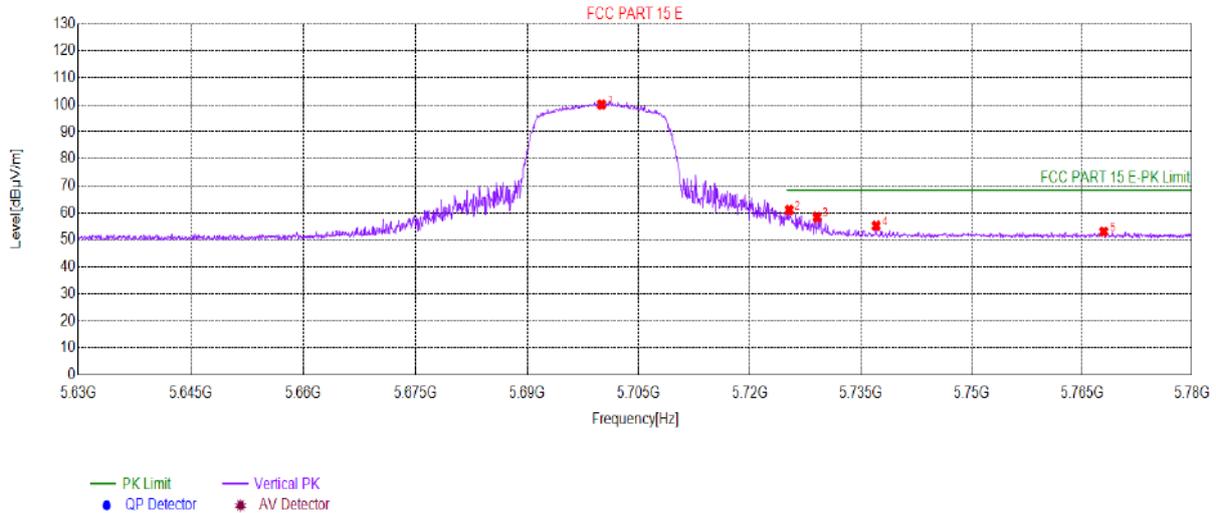
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4.4.1.64 802.11AC20_Channel 140

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	100.12	18.24	0.00	-100.12	225	246	Vertical
2	5725.29	61.08	18.34	68.30	7.22	241	240	Vertical
3	5729.04	58.39	18.47	68.30	9.91	263	247	Vertical
4	5737.07	55.22	18.37	68.30	13.08	245	246	Vertical
5	5767.99	52.99	18.39	68.30	15.31	289	243	Vertical

Final Data List



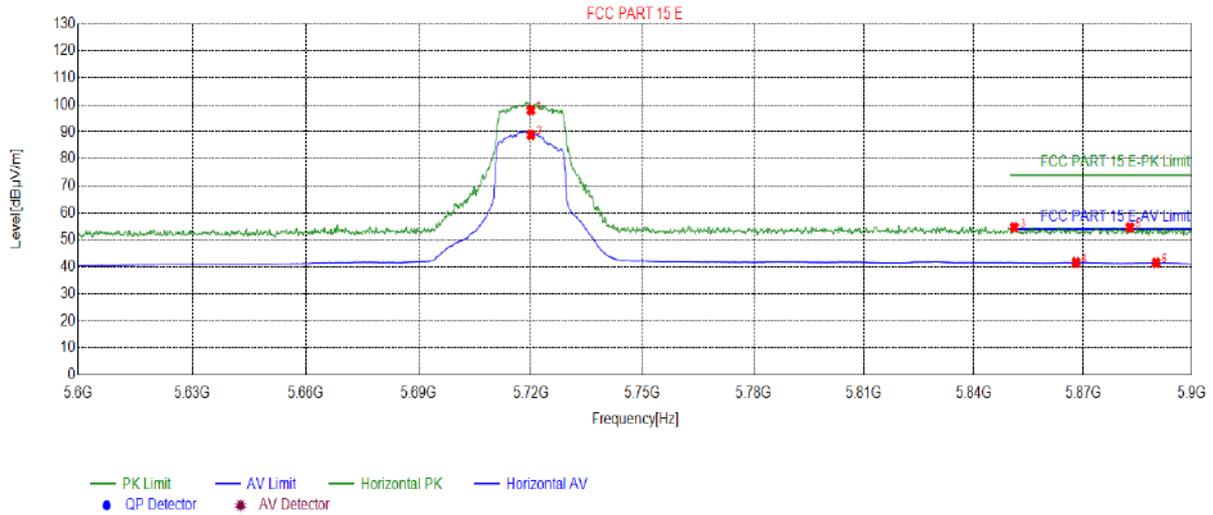
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4.4.1.65 802.11AC20_Channel 144

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	98.03	18.33	0.00	-98.03	191	20.9	Horizontal
2	5720.00	88.86	18.33	0.00	-88.86	190	20.9	Horizontal
3	5851.07	54.65	18.75	74.00	19.35	187	21.2	Horizontal
4	5868.03	41.64	18.88	54.00	12.36	180	22.5	Horizontal
5	5882.89	54.61	18.72	74.00	19.39	198	23.0	Horizontal
6	5890.09	41.54	18.97	54.00	12.46	199	21.8	Horizontal

Final Data List



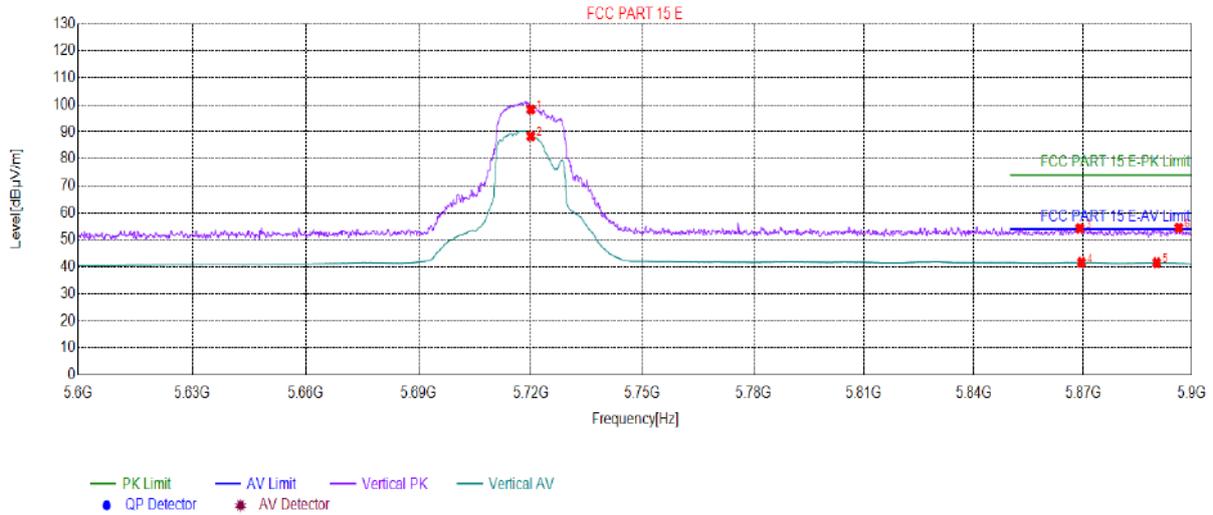
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4.4.1.66 802.11AC20_Channel 144

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	98.30	18.33	0.00	-98.30	225	1.2	Vertical
2	5720.00	88.38	18.33	0.00	-88.38	241	0.2	Vertical
3	5869.08	54.24	18.90	74.00	19.76	278	2.5	Vertical
4	5869.53	41.68	18.91	54.00	12.32	269	0.9	Vertical
5	5890.24	41.56	18.97	54.00	12.44	248	0.5	Vertical
6	5896.39	54.45	18.83	74.00	19.55	287	1.3	Vertical

Final Data List



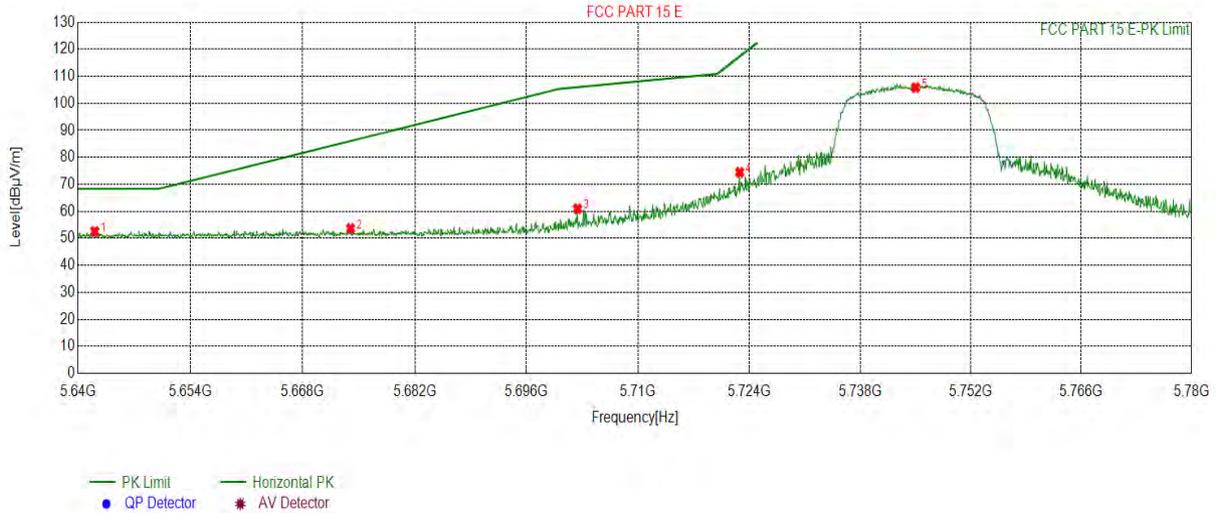
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4.4.1.67 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5642.10	52.56	18.06	68.30	15.74	149	0	Horizontal
2	5673.96	53.64	18.29	86.04	32.40	178	360	Horizontal
3	5702.40	60.93	18.28	105.97	45.04	163	231	Horizontal
4	5722.78	74.45	18.33	117.24	42.79	152	360	Horizontal
5	5745.00	105.81	18.37	0.00	-105.81	179	2	Horizontal

Final Data List



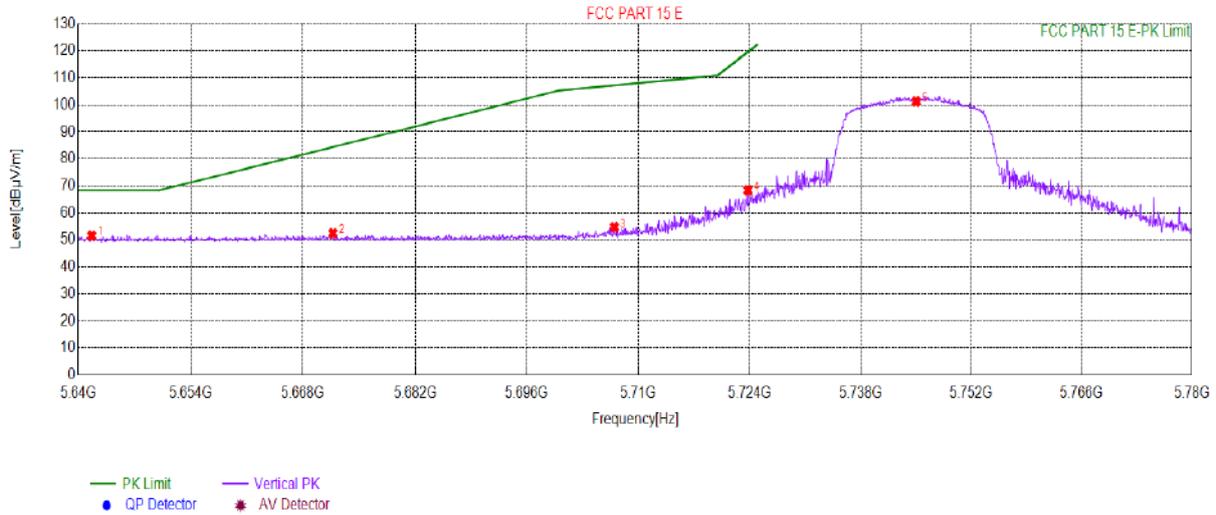
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4.4.1.68 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.68	51.54	18.07	68.30	16.76	225	182	Vertical
2	5671.72	52.45	18.26	84.38	31.93	241	28	Vertical
3	5706.95	54.72	18.40	107.25	52.53	263	209	Vertical
4	5723.76	68.37	18.33	119.48	51.11	274	209	Vertical
5	5745.00	101.27	18.37	0.00	-101.27	284	206	Vertical

Final Data List



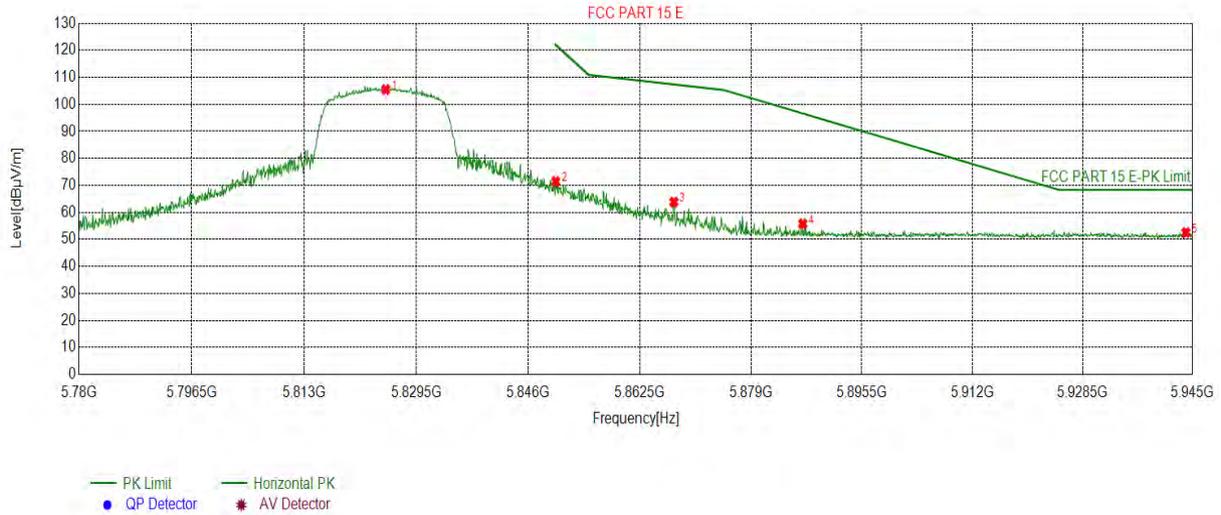
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4.4.1.69 802.11AC20_Channel 165

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	105.51	18.80	0.00	-105.51	151	351	Horizontal
2	5850.07	71.43	18.78	122.12	50.69	178	360	Horizontal
3	5867.57	63.84	18.87	107.38	43.54	163	7	Horizontal
4	5886.72	55.81	18.85	96.62	40.81	187	236	Horizontal
5	5944.00	52.53	18.89	68.30	15.77	149	356	Horizontal

Final Data List



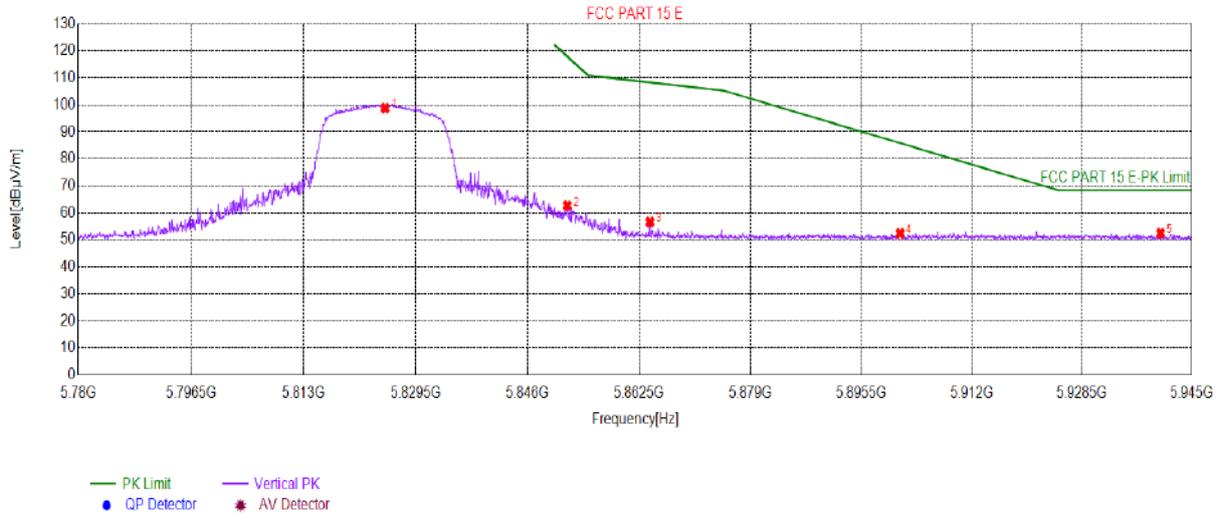
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4.4.1.70 802.11AC20_Channel 165

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	98.81	18.80	0.00	-98.81	225	32	Vertical
2	5851.89	62.69	18.73	117.98	55.29	241	218	Vertical
3	5864.10	56.67	18.78	108.35	51.68	216	28	Vertical
4	5901.33	52.42	18.75	85.81	33.39	274	356	Vertical
5	5940.29	52.47	18.79	68.30	15.83	284	157	Vertical

Final Data List



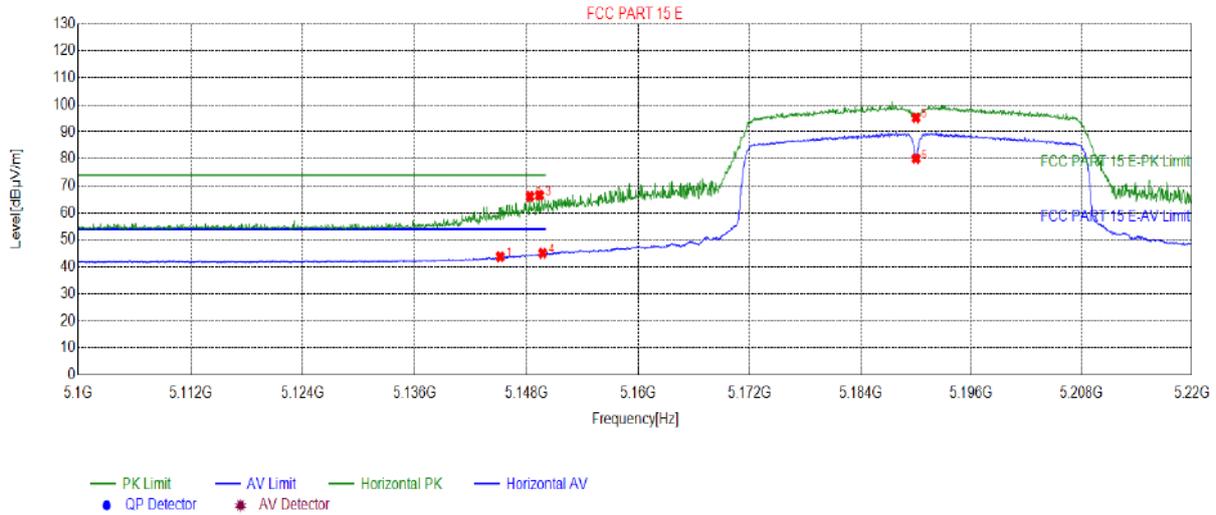
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4.4.1.71 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5145.14	43.75	19.32	54.00	10.25	175	18	Horizontal
2	5148.32	66.07	19.33	74.00	7.93	165	25	Horizontal
3	5149.34	66.47	19.33	74.00	7.53	171	360	Horizontal
4	5149.70	45.06	19.33	54.00	8.94	189	338	Horizontal
5	5190.00	95.18	19.00	0.00	-95.18	163	360	Horizontal
6	5190.00	80.09	19.00	0.00	-80.09	179	32	Horizontal

Final Data List



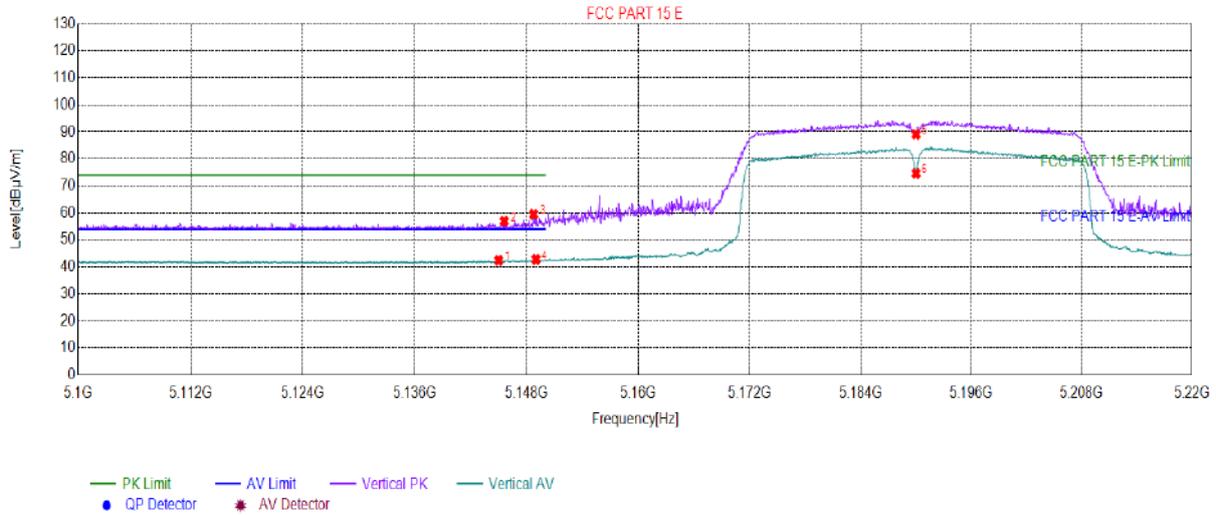
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4.4.1.72 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.96	42.39	19.32	54.00	11.61	258	49	Vertical
2	5145.56	56.94	19.32	74.00	17.06	225	38	Vertical
3	5148.74	59.52	19.33	74.00	14.48	246	49	Vertical
4	5148.98	42.76	19.33	54.00	11.24	271	46	Vertical
5	5190.00	89.06	19.00	0.00	-89.06	249	32	Vertical
6	5190.00	74.63	19.00	0.00	-74.63	250	32	Vertical

Final Data List



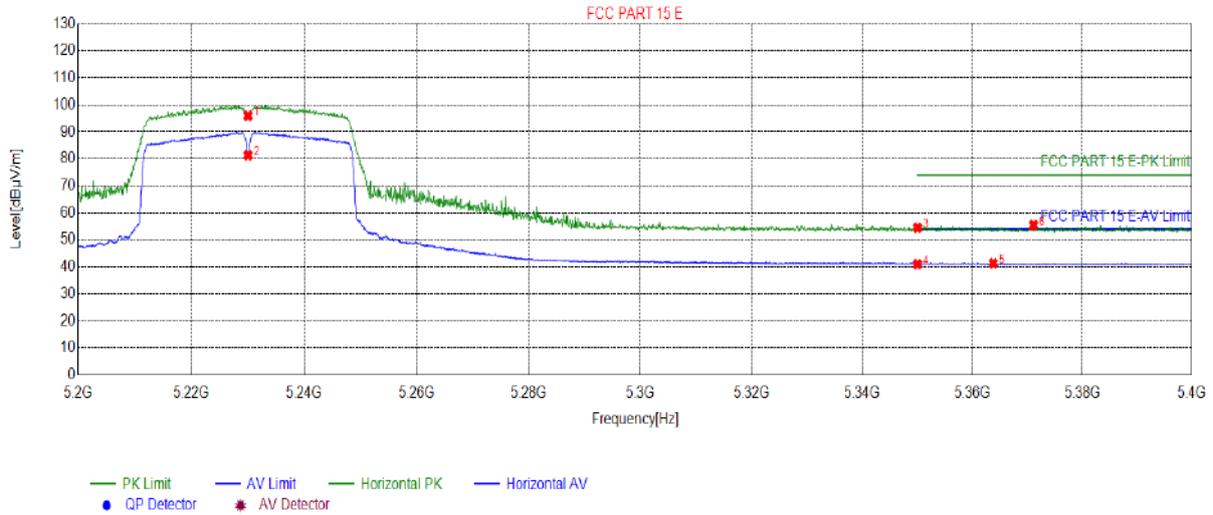
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4.4.1.73 802.11AC40_Channel 46

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	95.95	18.94	0.00	-95.95	178	2	Horizontal
2	5230.00	81.36	18.94	0.00	-81.36	196	18	Horizontal
3	5350.00	54.48	18.54	74.00	19.52	149	0	Horizontal
4	5350.00	41.02	18.54	54.00	12.98	179	193	Horizontal
5	5363.78	41.33	18.47	54.00	12.67	167	330	Horizontal
6	5371.08	55.48	18.48	74.00	18.52	184	2	Horizontal

Final Data List



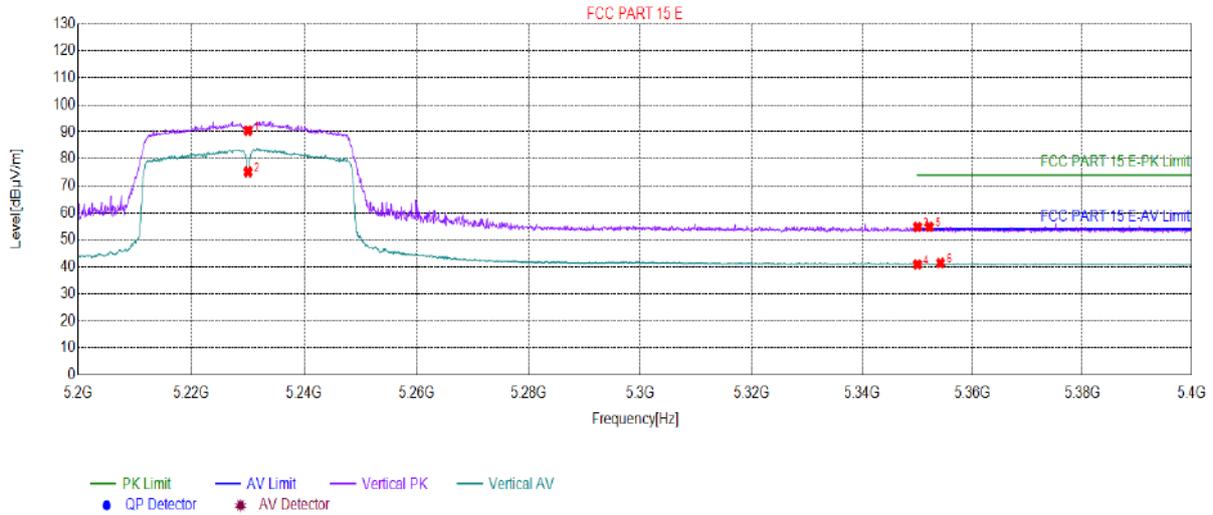
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4.4.1.74 802.11AC40_Channel 46

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	90.47	18.94	0.00	-90.47	225	38	Vertical
2	5230.00	75.14	18.94	0.00	-75.14	247	38	Vertical
3	5350.00	54.79	18.54	74.00	19.21	263	62	Vertical
4	5350.00	40.93	18.54	54.00	13.07	241	88	Vertical
5	5352.17	54.84	18.54	74.00	19.16	289	4	Vertical
6	5354.17	41.46	18.55	54.00	12.54	271	236	Vertical

Final Data List



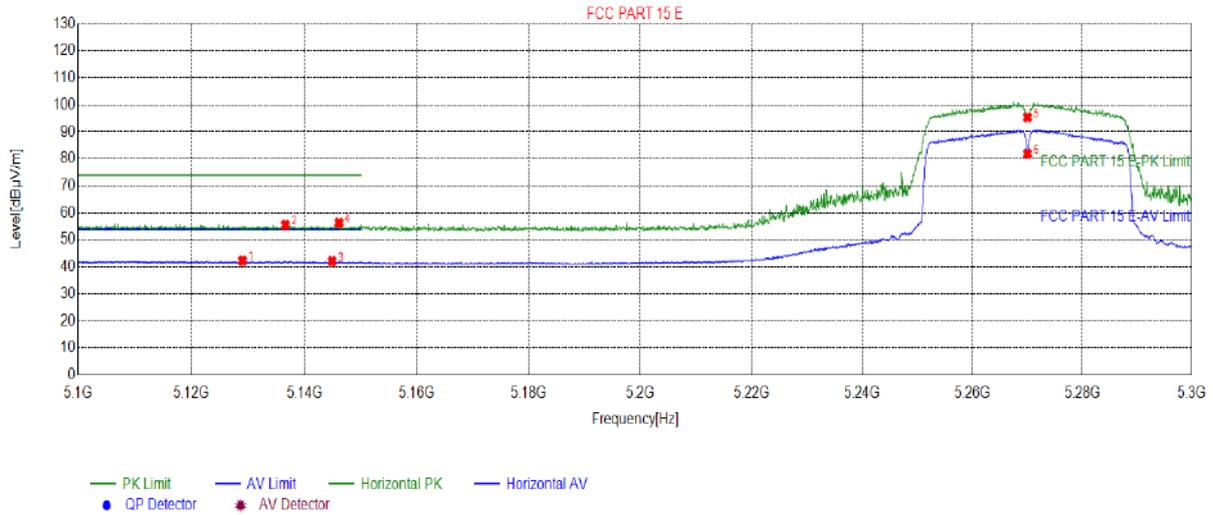
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4.4.1.75 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5129.01	42.24	19.34	54.00	11.76	147	358	Horizontal
2	5136.61	55.52	19.39	74.00	18.48	159	222	Horizontal
3	5144.92	42.06	19.32	54.00	11.94	163	37	Horizontal
4	5146.12	56.35	19.32	74.00	17.65	187	64	Horizontal
5	5270.00	95.35	18.63	0.00	-95.35	196	26	Horizontal
6	5270.00	81.93	18.63	0.00	-81.93	187	30	Horizontal

Final Data List



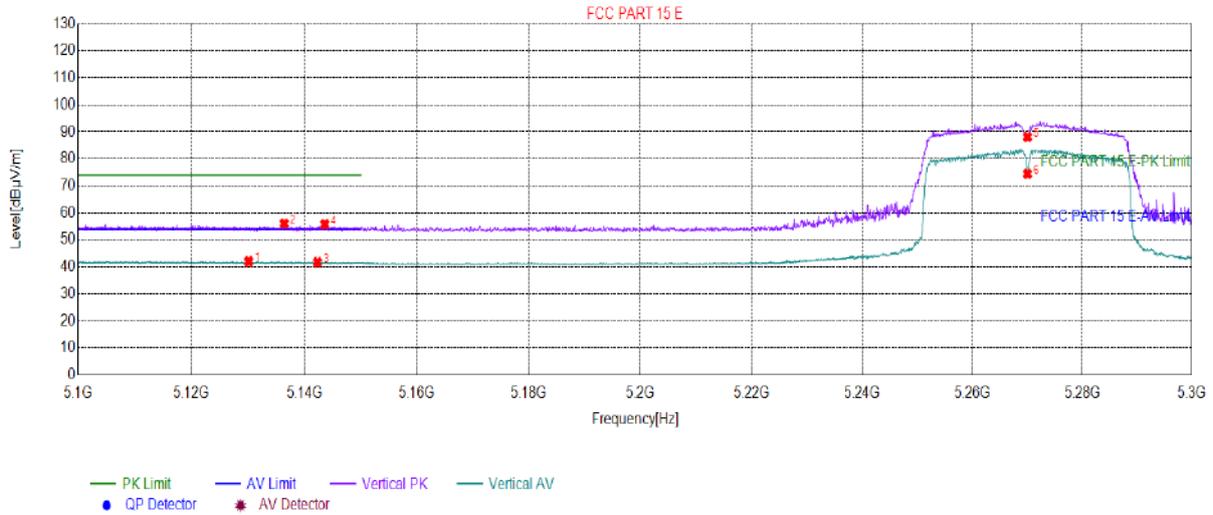
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4.4.1.76 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5130.11	42.01	19.35	54.00	11.99	225	271	Vertical
2	5136.41	56.04	19.39	74.00	17.96	247	70	Vertical
3	5142.32	41.73	19.33	54.00	12.27	263	309	Vertical
4	5143.62	55.78	19.33	74.00	18.22	248	275	Vertical
5	5270.00	88.11	18.63	0.00	-88.11	296	193	Vertical
6	5270.00	74.49	18.63	0.00	-74.49	278	185	Vertical

Final Data List



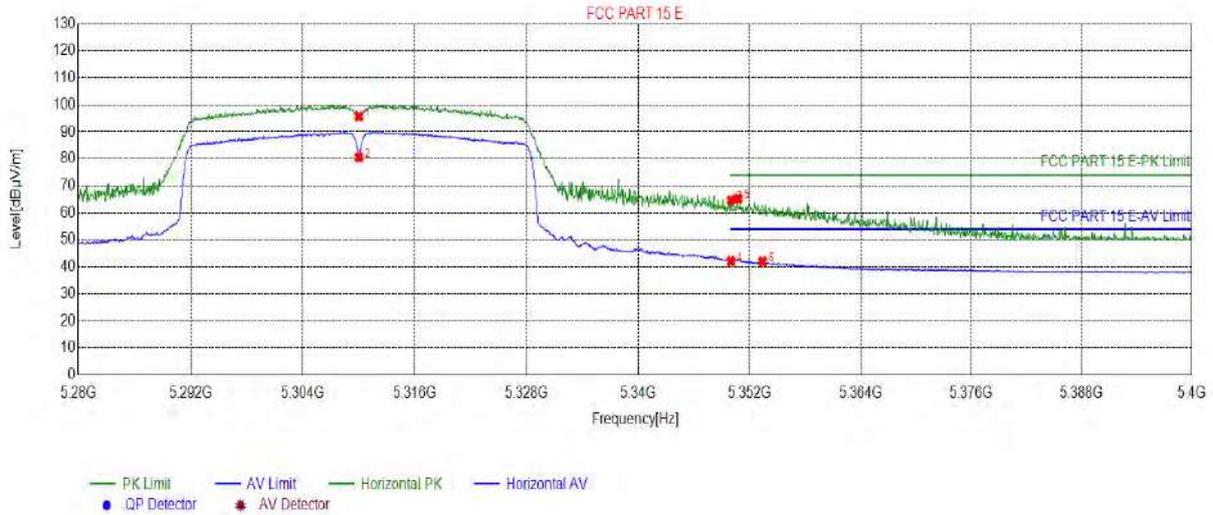
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4.4.1.77 802.11AC40_Channel 62

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	95.68	18.57	0.00	-95.68	157	360	Horizontal
2	5310.00	80.58	18.57	0.00	-80.58	169	14	Horizontal
3	5350.00	64.66	18.54	74.00	9.34	178	345	Horizontal
4	5350.00	42.10	18.54	54.00	11.90	163	18	Horizontal
5	5350.77	65.33	18.54	74.00	8.67	187	14	Horizontal
6	5353.41	41.95	18.55	54.00	12.05	149	357	Horizontal

Final Data List



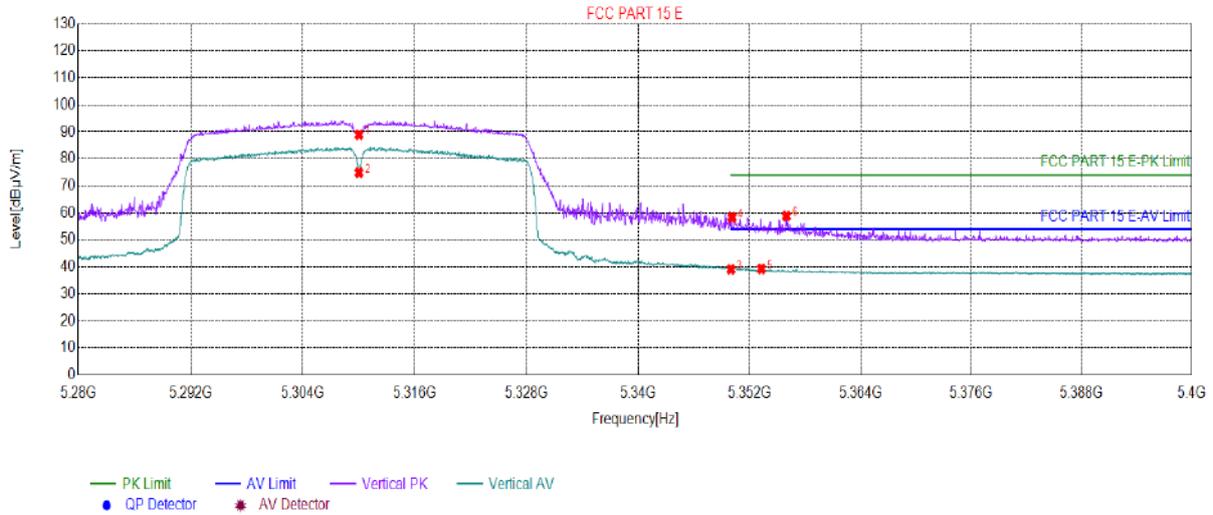
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4.4.1.78 802.11AC40_Channel 62

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	88.92	18.57	0.00	-88.92	252	184	Vertical
2	5310.00	74.91	18.57	0.00	-74.91	241	188	Vertical
3	5350.00	39.08	18.54	54.00	14.92	236	195	Vertical
4	5350.11	58.37	18.54	74.00	15.63	247	188	Vertical
5	5353.29	39.26	18.55	54.00	14.74	201	191	Vertical
6	5355.99	58.82	18.56	74.00	15.18	289	195	Vertical

Final Data List



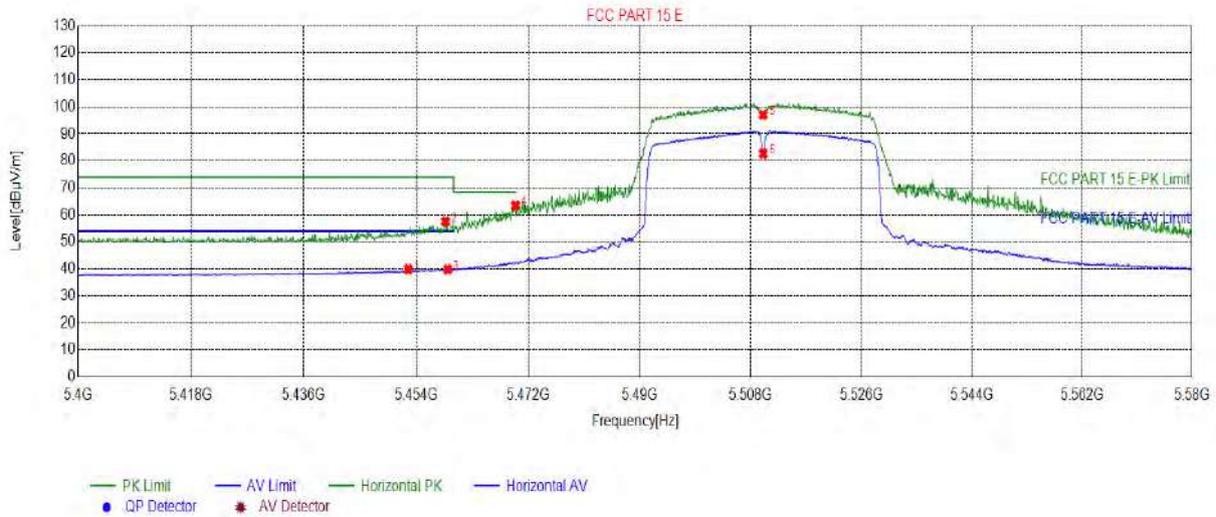
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4.4.1.79 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.76	39.90	18.08	54.00	14.10	151	2	Horizontal
2	5458.70	57.58	18.11	74.00	16.42	175	36	Horizontal
3	5459.06	39.85	18.12	54.00	14.15	163	2	Horizontal
4	5469.96	63.44	18.20	68.30	4.86	146	29	Horizontal
5	5510.00	97.03	18.08	0.00	-97.03	189	2	Horizontal
6	5510.00	82.66	18.08	0.00	-82.66	179	0	Horizontal

Final Data List



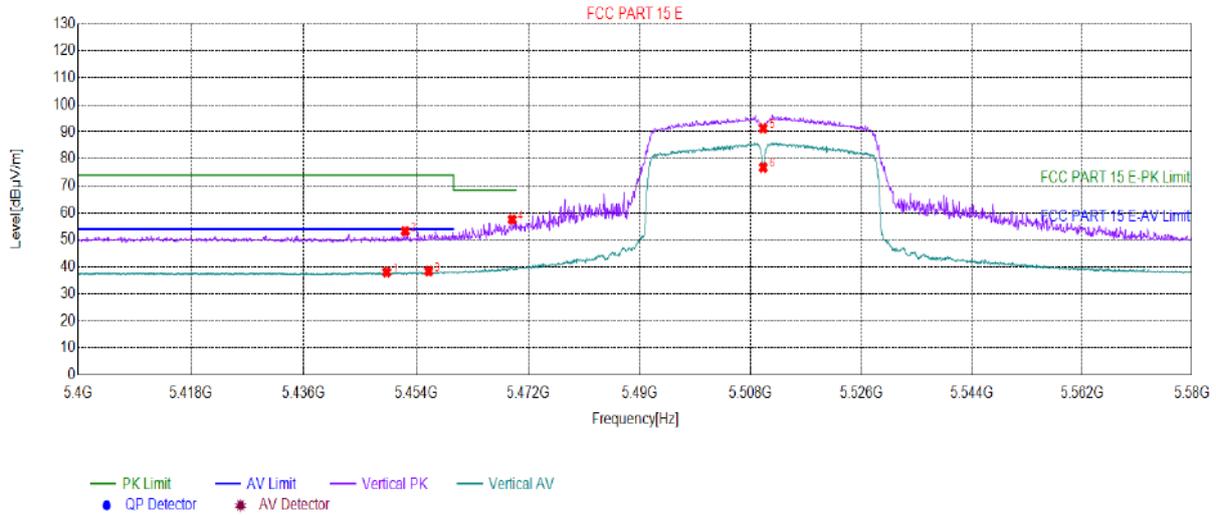
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4.4.1.80 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.25	38.01	18.11	54.00	15.99	225	189	Vertical
2	5452.22	53.21	18.08	74.00	20.79	247	38	Vertical
3	5456.00	38.39	18.07	54.00	15.61	269	189	Vertical
4	5469.42	57.56	18.20	68.30	10.74	248	192	Vertical
5	5510.00	91.35	18.08	0.00	-91.35	271	189	Vertical
6	5510.00	76.78	18.08	0.00	-76.78	259	185	Vertical

Final Data List



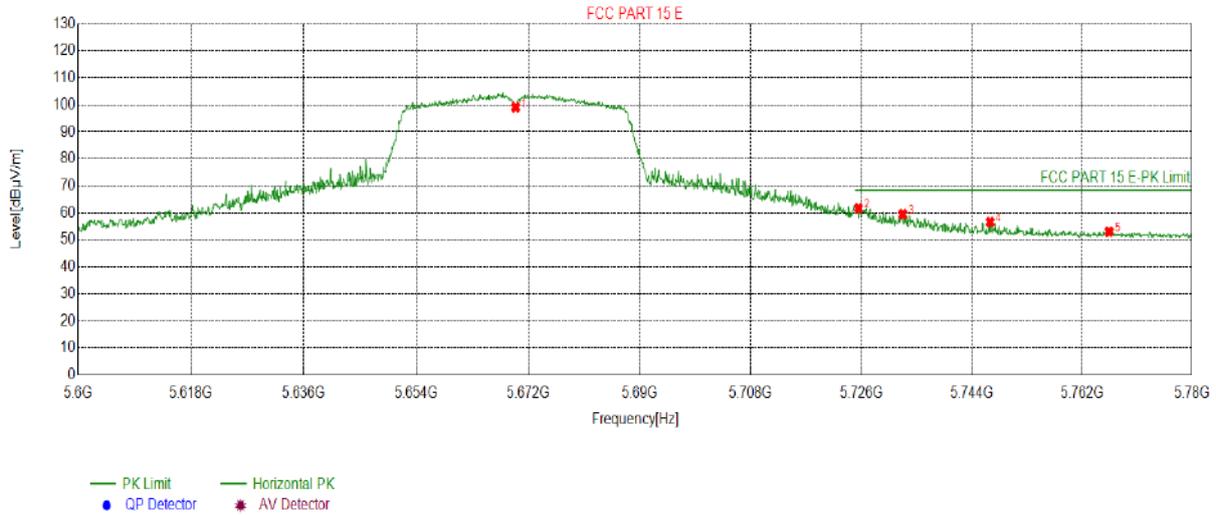
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4.4.1.81 802.11AC40_Channel 134

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	99.11	18.24	0.00	-99.11	157	4	Horizontal
2	5725.52	61.67	18.34	68.30	6.63	163	349	Horizontal
3	5732.72	59.55	18.45	68.30	8.75	189	7	Horizontal
4	5746.95	56.62	18.46	68.30	11.68	184	360	Horizontal
5	5766.40	53.02	18.36	68.30	15.28	168	222	Horizontal

Final Data List



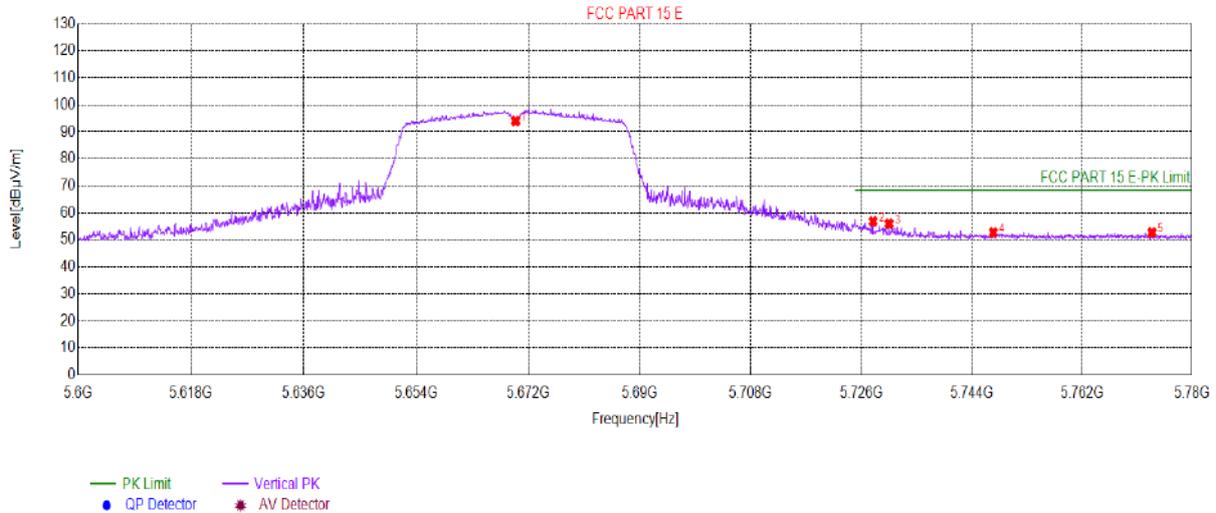
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4.4.1.82 802.11AC40_Channel 134

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	94.04	18.24	0.00	-94.04	225	57	Vertical
2	5727.86	56.87	18.43	68.30	11.43	248	57	Vertical
3	5730.47	56.01	18.50	68.30	12.29	241	211	Vertical
4	5747.49	52.72	18.49	68.30	15.58	263	96	Vertical
5	5773.42	52.68	18.36	68.30	15.62	271	147	Vertical

Final Data List



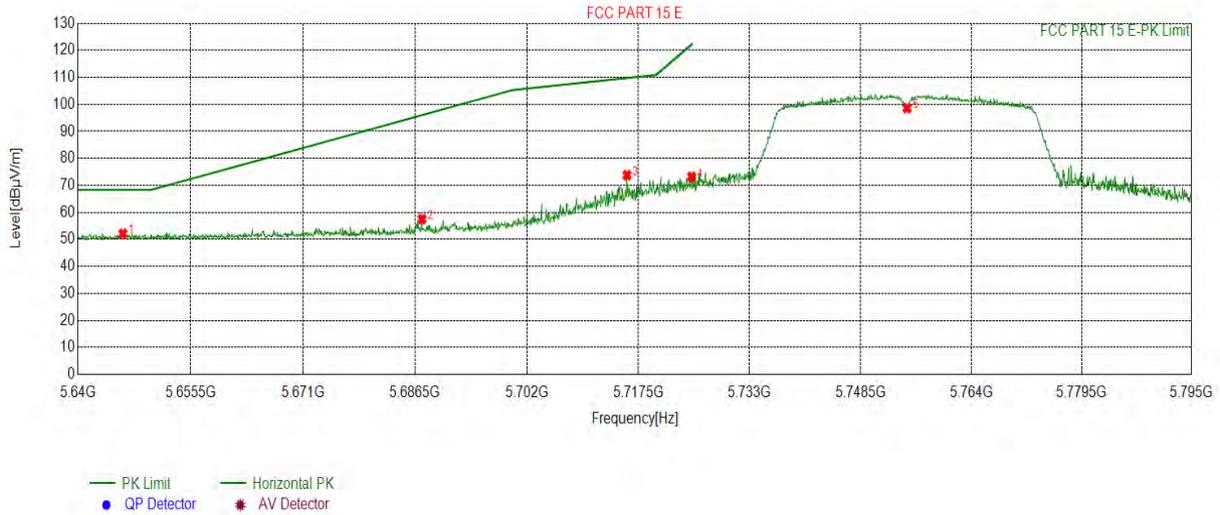
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4.4.1.83 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.20	52.11	17.99	68.30	16.19	145	2	Horizontal
2	5687.45	57.51	18.16	96.02	38.51	168	211	Horizontal
3	5715.91	73.78	18.48	109.75	35.97	178	2	Horizontal
4	5724.90	73.16	18.32	122.08	48.92	159	352	Horizontal
5	5755.00	98.60	18.39	0.00	-98.60	163	356	Horizontal

Final Data List



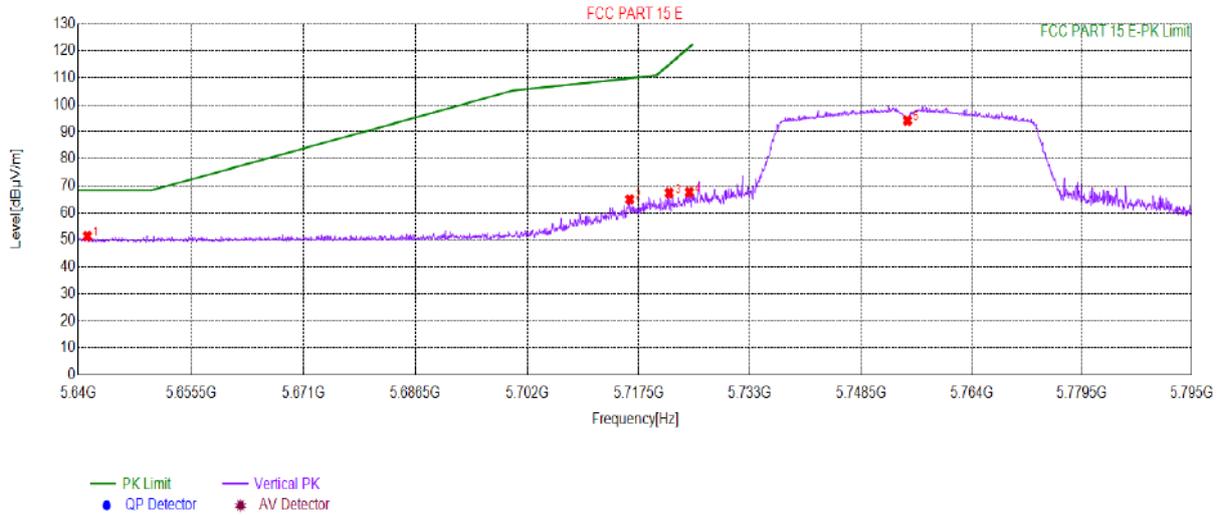
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4.4.1.84 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.24	51.37	18.07	68.30	16.93	225	261	Vertical
2	5716.22	65.00	18.47	109.84	44.84	241	209	Vertical
3	5721.72	67.36	18.33	114.83	47.47	263	225	Vertical
4	5724.51	67.62	18.33	121.20	53.58	274	192	Vertical
5	5755.00	94.18	18.39	0.00	-94.18	289	189	Vertical

Final Data List



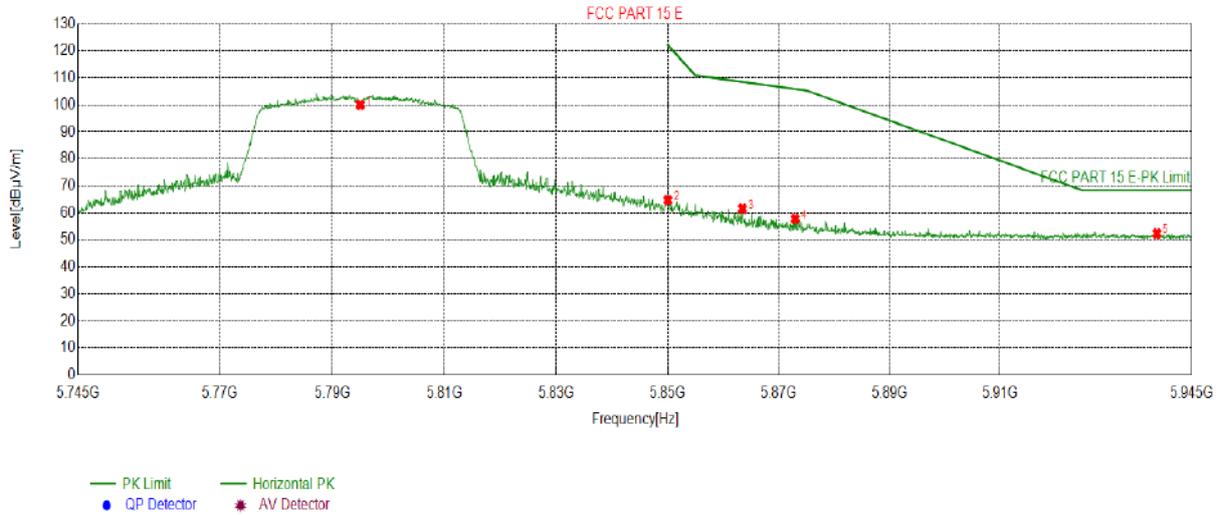
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4.4.1.85 802.11AC40_Channel 159

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	99.98	18.58	0.00	-99.98	187	353	Horizontal
2	5850.05	64.72	18.78	122.18	57.46	174	0	Horizontal
3	5863.45	61.55	18.75	108.53	46.98	163	224	Horizontal
4	5872.96	57.79	18.80	105.87	48.08	179	356	Horizontal
5	5938.59	52.34	18.86	68.30	15.96	148	114	Horizontal

Final Data List



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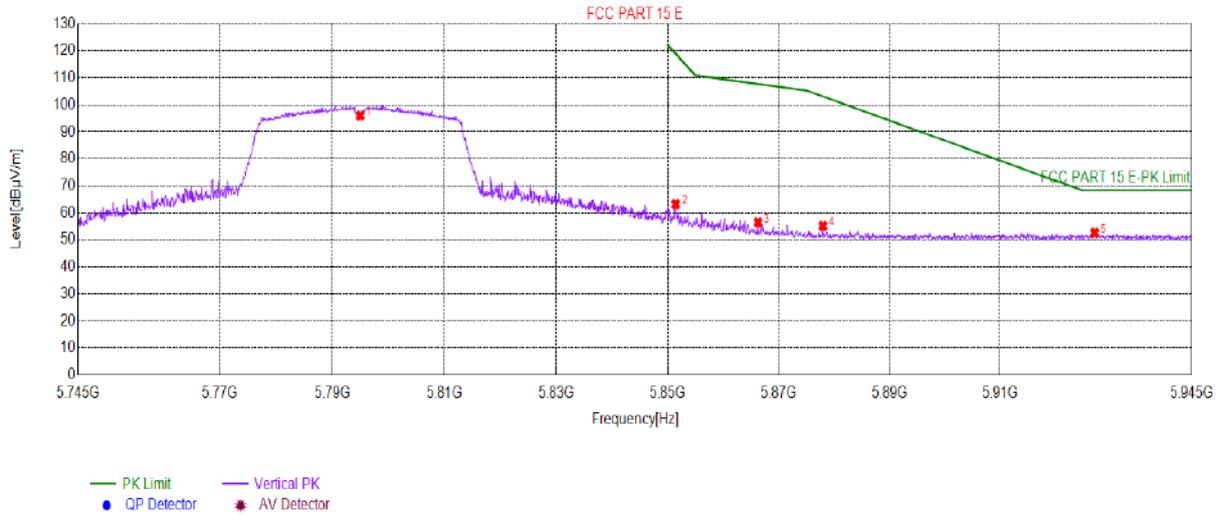
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4.4.1.86 802.11AC40_Channel 159

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	96.01	18.58	0.00	-96.01	225	214	Vertical
2	5851.45	63.22	18.74	118.99	55.77	241	214	Vertical
3	5866.26	56.50	18.85	107.75	51.25	279	199	Vertical
4	5877.96	55.15	18.67	103.10	47.95	246	206	Vertical
5	5927.29	52.57	19.13	68.30	15.73	263	202	Vertical

Final Data List



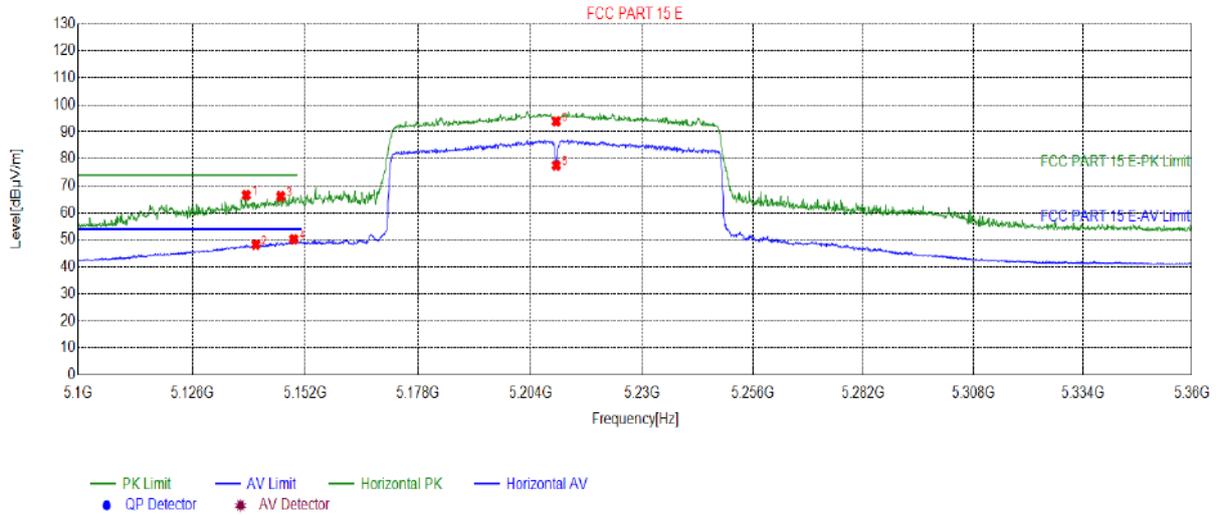
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4.4.1.87 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.36	66.54	19.37	74.00	7.46	157	325	Horizontal
2	5140.58	48.22	19.34	54.00	5.78	184	32	Horizontal
3	5146.30	66.11	19.32	74.00	7.89	163	32	Horizontal
4	5149.29	50.19	19.33	54.00	3.81	175	32	Horizontal
5	5210.00	77.58	18.93	0.00	-77.58	162	0	Horizontal
6	5210.00	93.89	18.93	0.00	-93.89	149	32	Horizontal

Final Data List



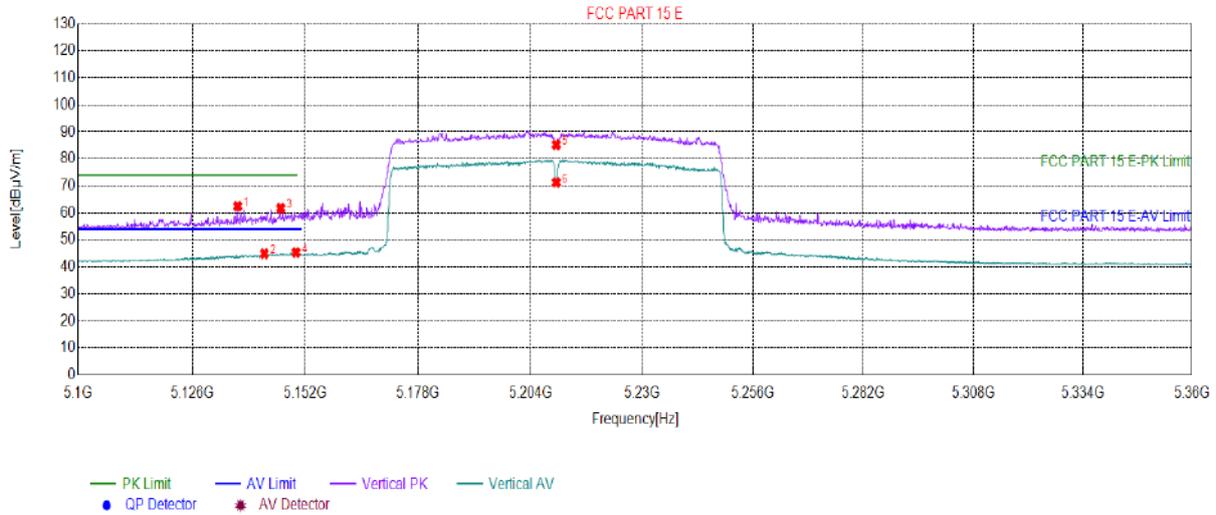
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4.4.1.88 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
3	5146.30	61.66	19.32	74.00	12.34	245	22	Vertical
2	5142.53	44.90	19.33	54.00	9.10	263	58	Vertical
1	5136.41	62.46	19.39	74.00	11.54	274	34	Vertical
4	5149.81	45.27	19.33	54.00	8.73	228	58	Vertical
5	5210.00	85.21	18.93	0.00	-85.21	219	58	Vertical
6	5210.00	71.23	18.93	0.00	-71.23	274	34	Vertical

Final Data List



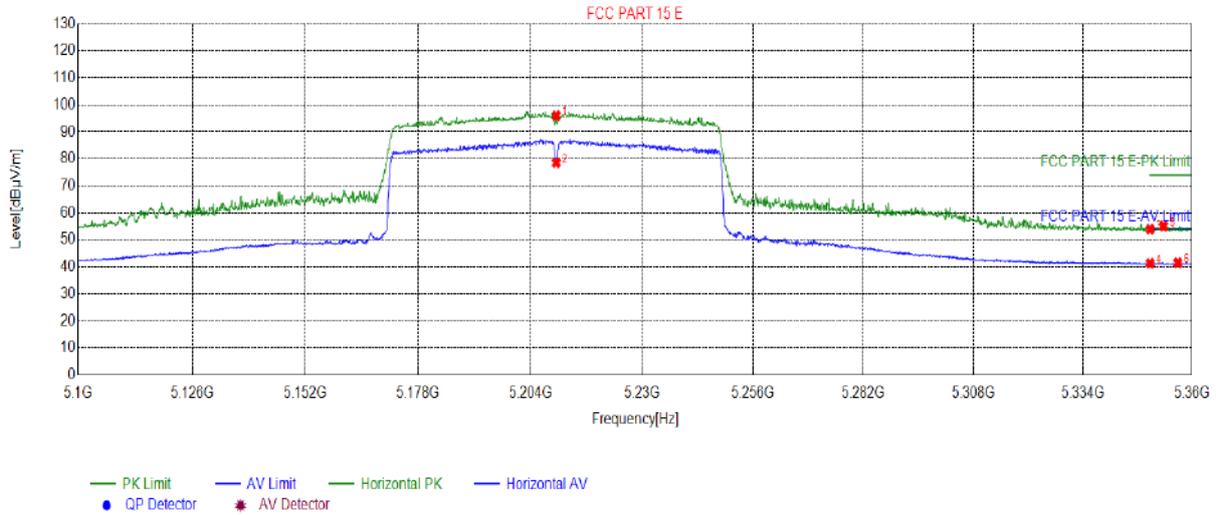
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4.4.1.89 802.11AC80_Channel 42

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	96.00	18.93	0.00	-96.00	174	39	Horizontal
2	5210.00	78.52	18.93	0.00	-78.52	169	39	Horizontal
3	5350.00	53.93	18.54	74.00	20.07	149	360	Horizontal
4	5350.00	41.36	18.54	54.00	12.64	158	120	Horizontal
5	5353.23	55.10	18.55	74.00	18.90	172	188	Horizontal
6	5356.61	41.56	18.56	54.00	12.44	163	86	Horizontal

Final Data List



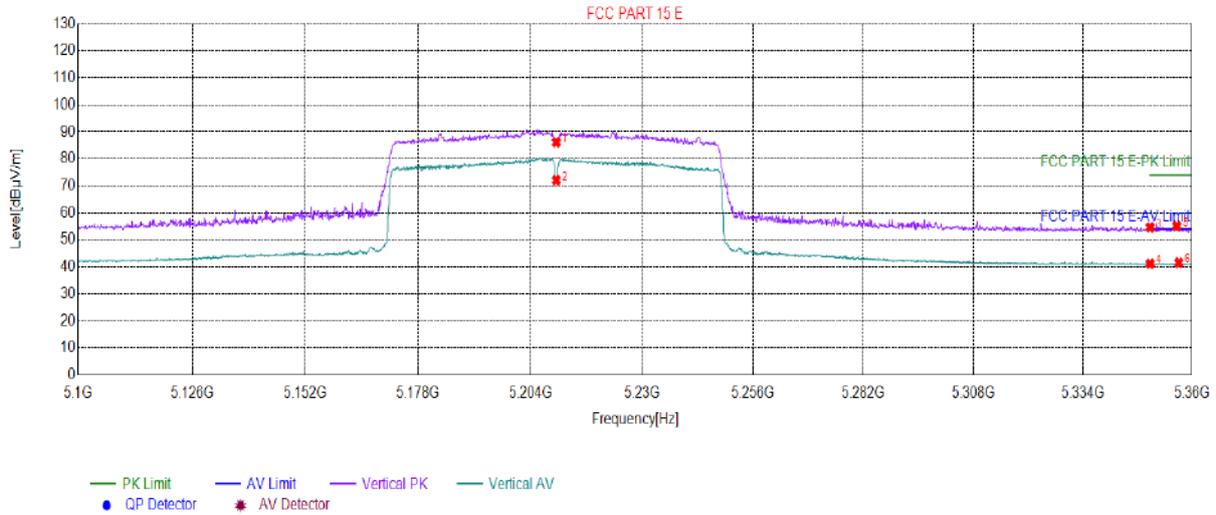
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4.4.1.90 802.11AC80_Channel 42

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	86.11	18.93	0.00	-86.11	225	42	Vertical
2	5210.00	72.04	18.93	0.00	-72.04	241	47	Vertical
3	5350.00	54.62	18.54	74.00	19.38	236	296	Vertical
4	5350.00	41.21	18.54	54.00	12.79	274	30	Vertical
5	5356.35	55.14	18.56	74.00	18.86	212	239	Vertical
6	5356.87	41.57	18.57	54.00	12.43	220	55	Vertical

Final Data List



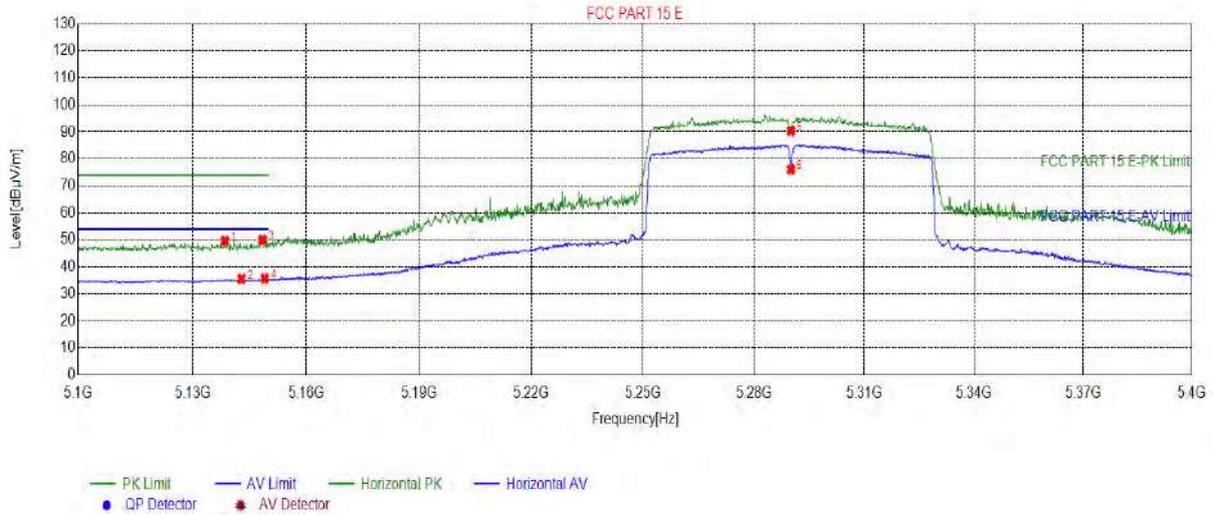
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4.4.1.91 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.56	49.65	19.36	74.00	24.35	174	14	Horizontal
2	5142.92	35.56	19.33	54.00	18.44	158	360	Horizontal
3	5148.47	50.00	19.33	74.00	24.00	163	2	Horizontal
4	5149.07	35.71	19.33	54.00	18.29	176	358	Horizontal
5	5290.00	90.34	18.48	0.00	-90.34	198	10	Horizontal
6	5290.00	76.11	18.48	0.00	-76.11	165	358	Horizontal

Final Data List



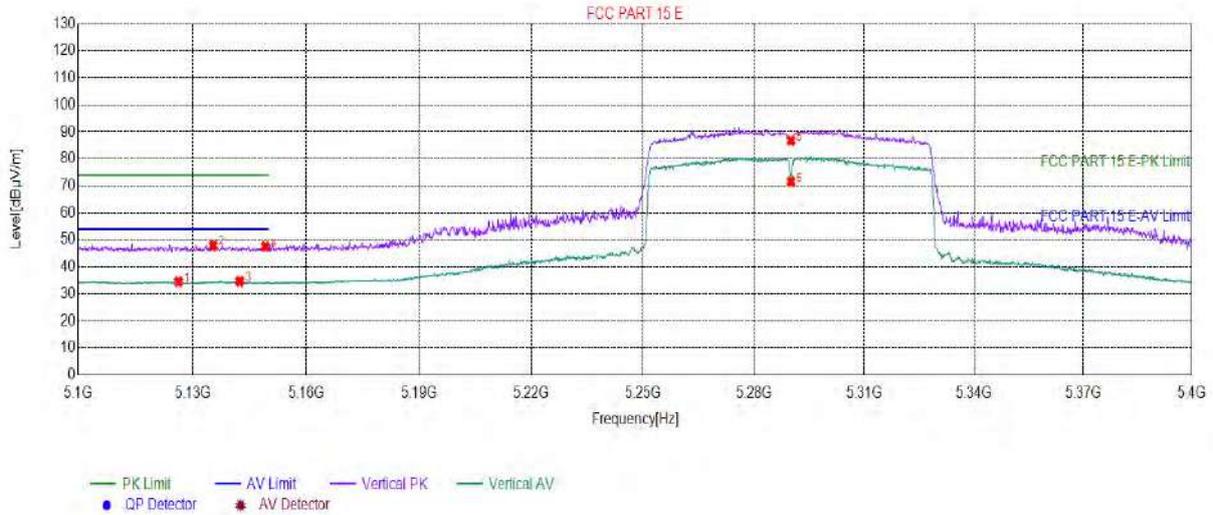
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4.4.1.92 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5126.26	34.51	19.34	54.00	19.49	224	126	Vertical
2	5135.41	47.93	19.41	74.00	26.07	274	237	Vertical
3	5142.47	34.62	19.33	54.00	19.38	236	83	Vertical
4	5149.22	47.56	19.33	74.00	26.44	228	301	Vertical
5	5290.00	86.71	18.48	0.00	-86.71	289	241	Vertical
6	5290.00	71.56	18.48	0.00	-71.56	276	245	Vertical

Final Data List



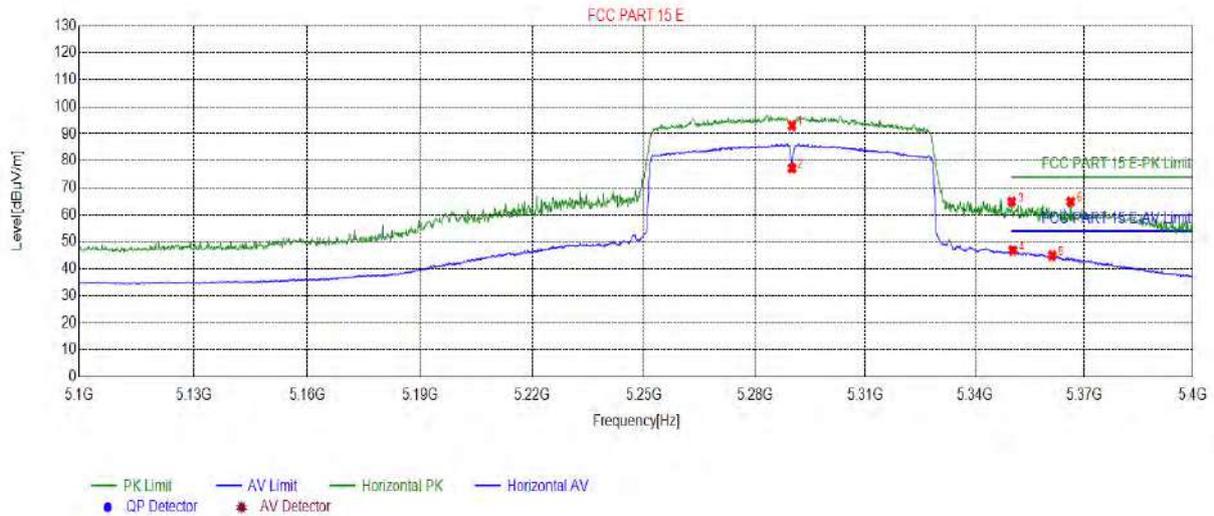
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4.4.1.93 802.11AC80_Channel 58

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	93.05	18.48	0.00	-93.05	141	359	Horizontal
2	5290.00	77.22	18.48	0.00	-77.22	159	358	Horizontal
3	5350.02	64.83	18.54	74.00	9.17	147	4	Horizontal
4	5350.32	46.82	18.54	54.00	7.18	162	358	Horizontal
5	5361.13	44.87	18.56	54.00	9.13	184	11	Horizontal
6	5366.23	64.88	18.43	74.00	9.12	196	357	Horizontal

Final Data List



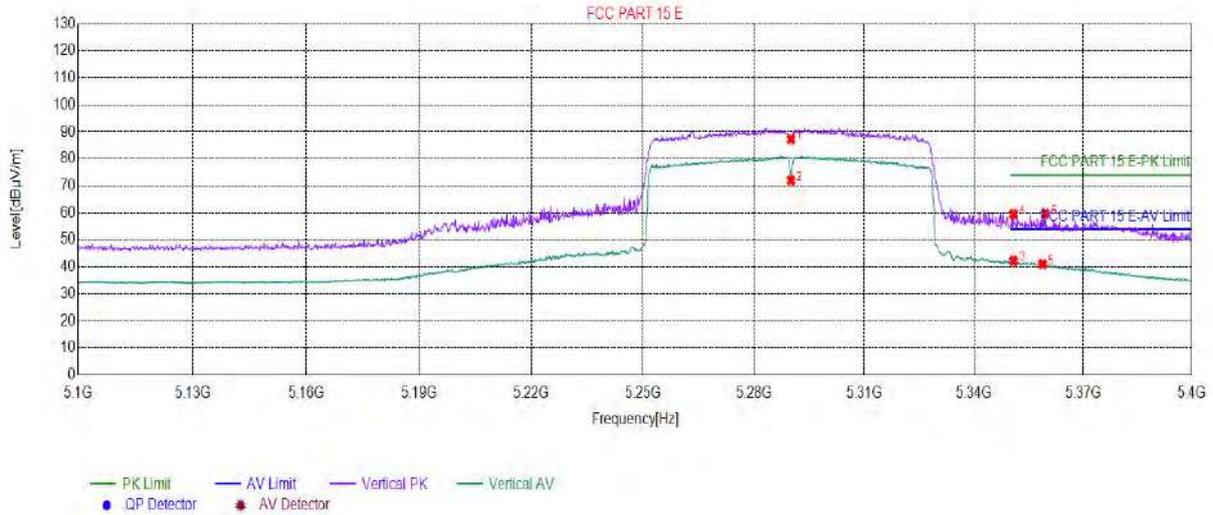
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4.4.1.94 802.11AC80_Channel 58

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	87.25	18.48	0.00	-87.25	225	126	Vertical
2	5290.00	71.97	18.48	0.00	-71.97	241	190	Vertical
3	5350.77	42.20	18.54	54.00	11.80	263	87	Vertical
4	5350.77	59.54	18.54	74.00	14.46	247	84	Vertical
5	5358.72	41.06	18.59	54.00	12.94	221	254	Vertical
6	5359.47	59.74	18.59	74.00	14.26	254	235	Vertical

Final Data List



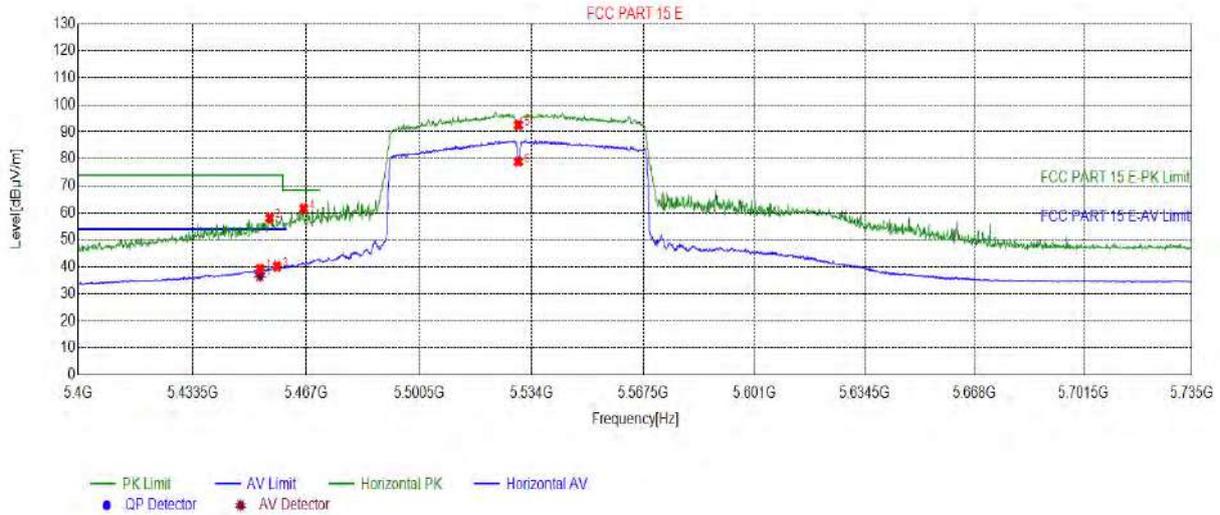
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4.4.1.95 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5453.29	39.28	18.07	54.00	14.72	157	19	Horizontal
2	5456.14	58.13	18.07	74.00	15.87	163	18	Horizontal
3	5458.31	40.19	18.10	54.00	13.81	174	14	Horizontal
4	5466.19	61.54	18.20	68.30	6.76	189	356	Horizontal
5	5530.00	92.52	18.15	0.00	-92.52	163	11	Horizontal
6	5530.00	78.91	18.15	0.00	-78.91	200	18	Horizontal

Final Data List



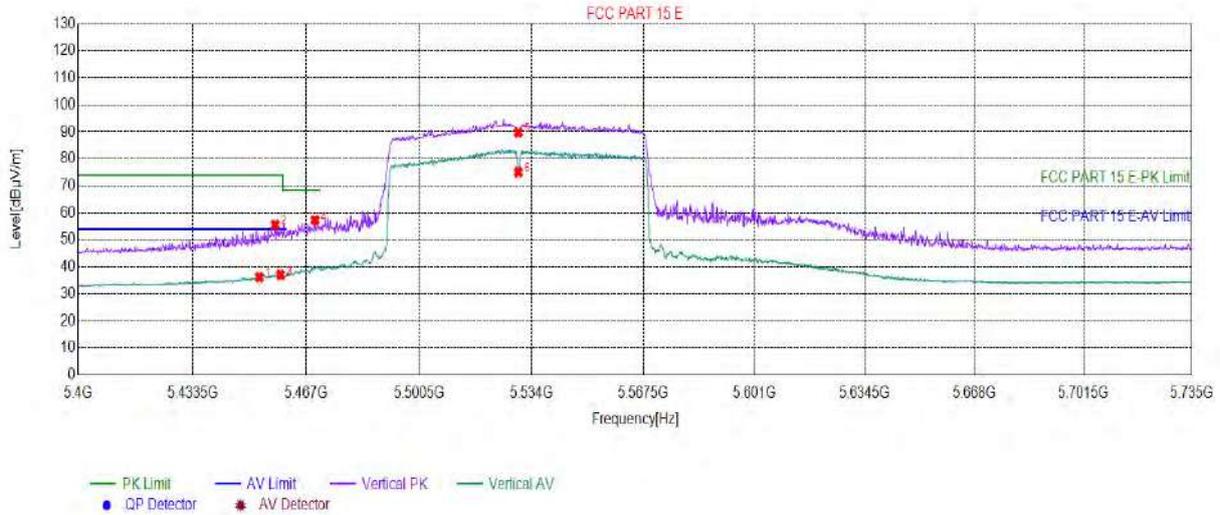
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4.4.1.96 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5453.12	36.22	18.07	54.00	17.78	212	243	Vertical
2	5457.81	55.54	18.10	74.00	18.46	241	171	Vertical
3	5459.32	37.07	18.12	54.00	16.93	274	247	Vertical
4	5469.54	57.28	18.20	68.30	11.02	263	243	Vertical
5	5530.00	89.77	18.15	0.00	-89.77	245	243	Vertical
6	5530.00	75.08	18.15	0.00	-75.08	258	229	Vertical

Final Data List



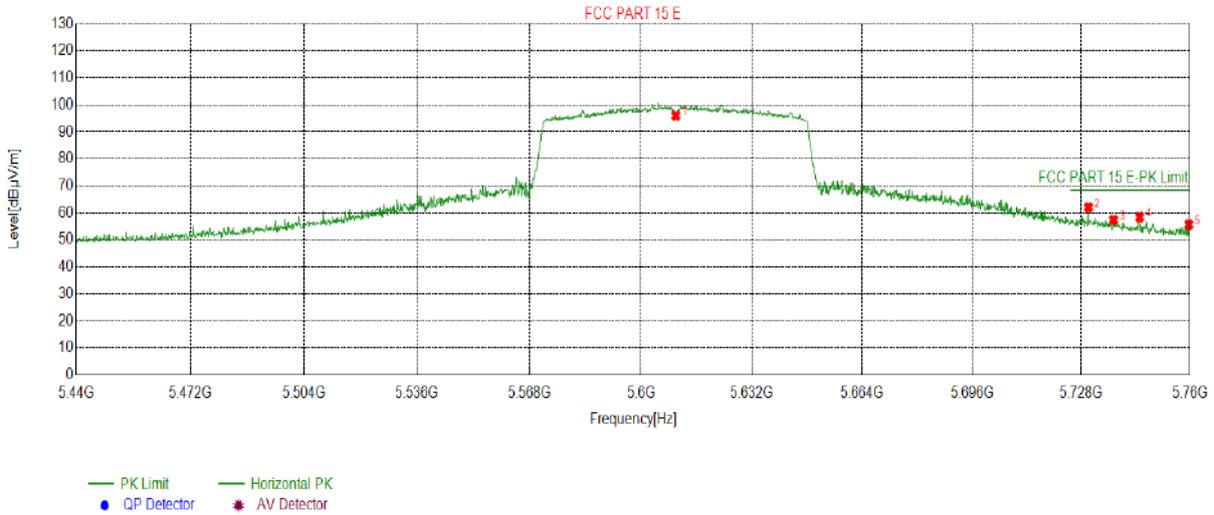
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4.4.1.97 802.11AC80_Channel 122

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	96.00	18.09	0.00	-96.00	157	25	Horizontal
2	5730.06	61.99	18.51	68.30	6.31	162	4	Horizontal
3	5737.42	57.40	18.36	68.30	10.90	174	12	Horizontal
4	5745.11	58.41	18.37	68.30	9.89	189	4	Horizontal
5	5759.67	55.66	18.35	68.30	12.64	167	1	Horizontal

Final Data List



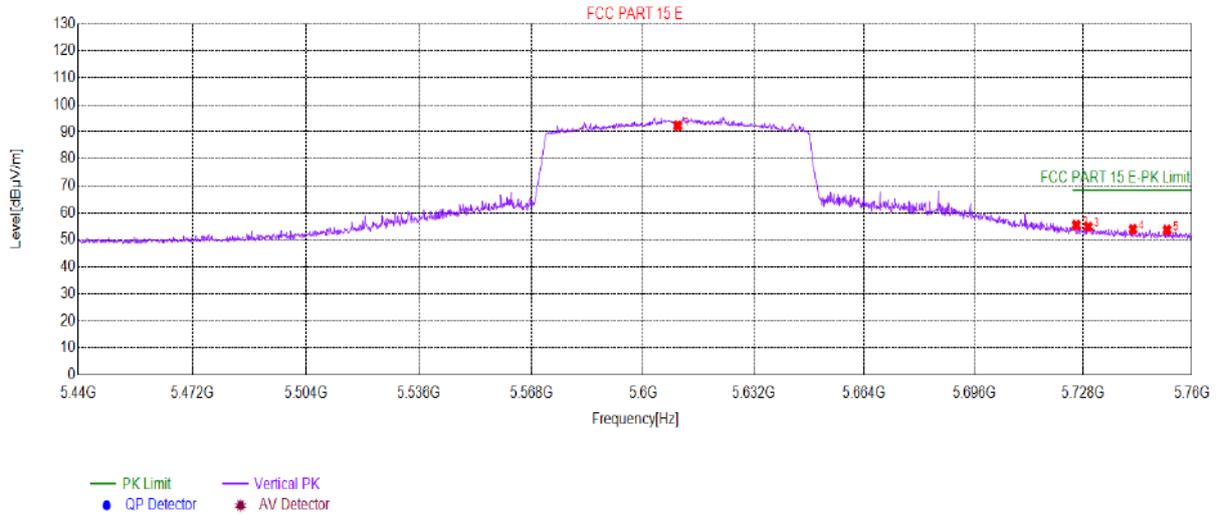
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4.4.1.98 802.11AC80_Channel 122

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	92.27	18.09	0.00	-92.27	257	170	Vertical
2	5725.90	55.48	18.36	68.30	12.82	265	176	Vertical
3	5729.42	54.88	18.49	68.30	13.42	224	240	Vertical
4	5742.55	53.90	18.34	68.30	14.40	231	246	Vertical
5	5752.63	53.67	18.49	68.30	14.63	278	158	Vertical

Final Data List



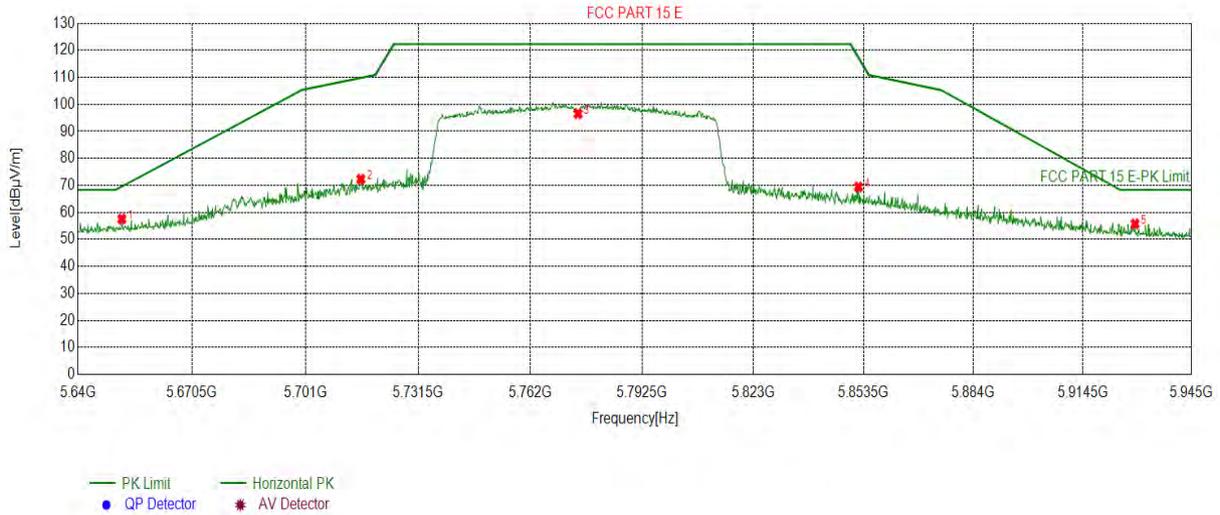
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4.4.1.99 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5651.74	57.54	18.01	69.59	12.05	187	7	Horizontal
2	5715.98	72.28	18.48	109.78	37.50	168	358	Horizontal
3	5775.00	96.52	18.33	122.30	25.78	163	0	Horizontal
4	5852.08	69.41	18.73	117.56	48.15	156	358	Horizontal
5	5929.13	55.76	19.16	68.30	12.54	157	10	Horizontal

Final Data List



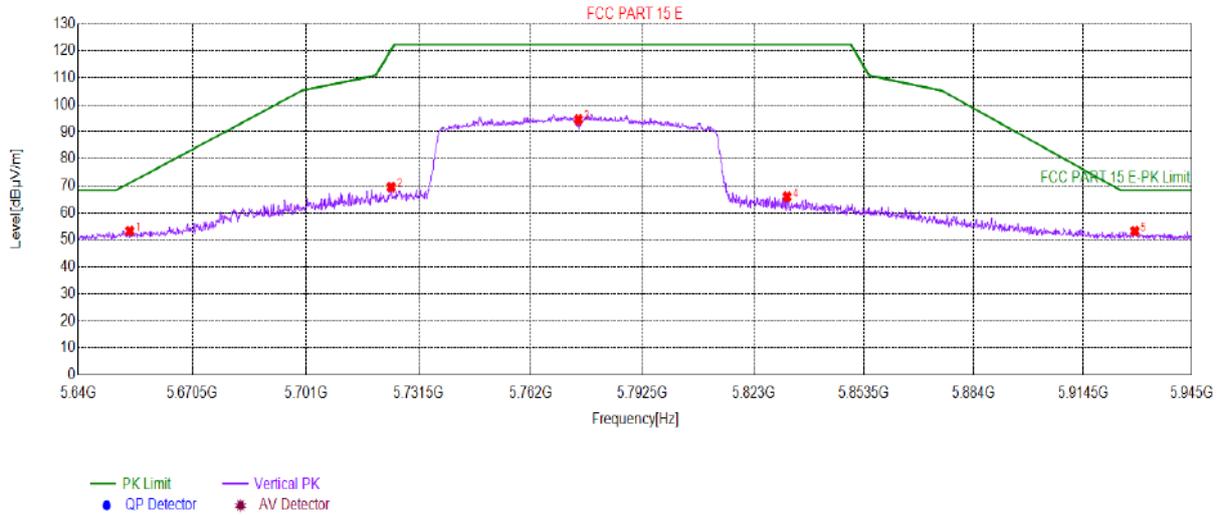
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4.4.1.100 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5653.73	53.27	18.07	71.06	17.79	278	134	Vertical
2	5724.06	69.51	18.33	120.18	50.67	241	245	Vertical
3	5775.00	94.51	18.33	122.30	27.79	262	249	Vertical
4	5832.24	65.96	18.78	122.30	56.34	223	170	Vertical
5	5928.97	53.20	19.16	68.30	15.10	241	153	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.



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

No.	Item	Measurement Uncertainty
1	Radiated Spurious emission test	±4.8dB (30MHz-1GHz)
		±5.2dB (1GHz-6GHz)
		±5.5dB (6GHz-18GHz)
		±5.02dB (18GHz-40GHz)
2	Conduct emission test	±3.4 dB (9KHz- 30MHz)



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6 Equipment List

RSE&RE&CE Test System					
Equipment	Manufacturer	Model No.	Cal Date	Cal Due Date	Inventory No.
Semi-Anechoic Chamber	Brilliant-emc	966	NCR	NCR	XAW03-35-01
MXA signal analyzer	Keysight	N9020A	2020-04-02	2021-04-02	XAW01-06-01
Radio communication analyzer	ROHDE&SCHWARZ	CMW 500	2020-04-02	2021-04-02	XAW01-03-02
Test receiver	ROHDE&SCHWARZ	ESR	2020-09-11	2021-09-10	XAW01-08-01
Receiving antenna	Rosenberger	VULB 9163	2019-10-13	2021-10-12	XAW01-09-01
Receiving antenna	Rosenberger	BBHA 9120D	2019-10-13	2021-10-12	XAW01-09-02
Receiving antenna	Rosenberger	BBHA 9170	2019-10-13	2021-10-12	XAW01-09-03
Directional antenna rack controller	Max-Full	MF-7802BS	NCR	NCR	XAW03-03-01
High-speed antenna rack controller	Max-Full	MF-7802	NCR	NCR	XAW03-04-01
Filter bank	Tonscend	JS0806-F	NCR	NCR	XAW03-05-01
Filter bank	Tonscend	JS0806s	NCR	NCR	XAW03-05-02
Amplifier	Tonscend	TAP00903040	2020-10-26	2021-10-25	XAW01-41-01
Amplifier	Tonscend	TAP01018048	2020-10-26	2021-10-25	XAW01-41-02
Amplifier	Tonscend	TAP18040048	2020-10-26	2021-10-25	XAW01-41-03
Amplifier	Shanghai Steed	YX28980930	2020-10-26	2021-10-25	XAW01-41-06
Artificial network	ROHDE&SCHWARZ	ENV216	2020-08-04	2021-08-03	XAW01-19-02
Temperature and humidity meter	MingGao	TH101B	2020-06-11	2021-05-11	XAW01-01-01
Measurement Software	Tonscend	TS+ RSE&RE	NCR	NCR	XAW02-05-01
Measurement Software	Tonscend	TS+ CE	NCR	NCR	XAW02-05-02



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7 Photographs - EUT Constructional Details

Refer to Appendix A Setup Photos.

The End

