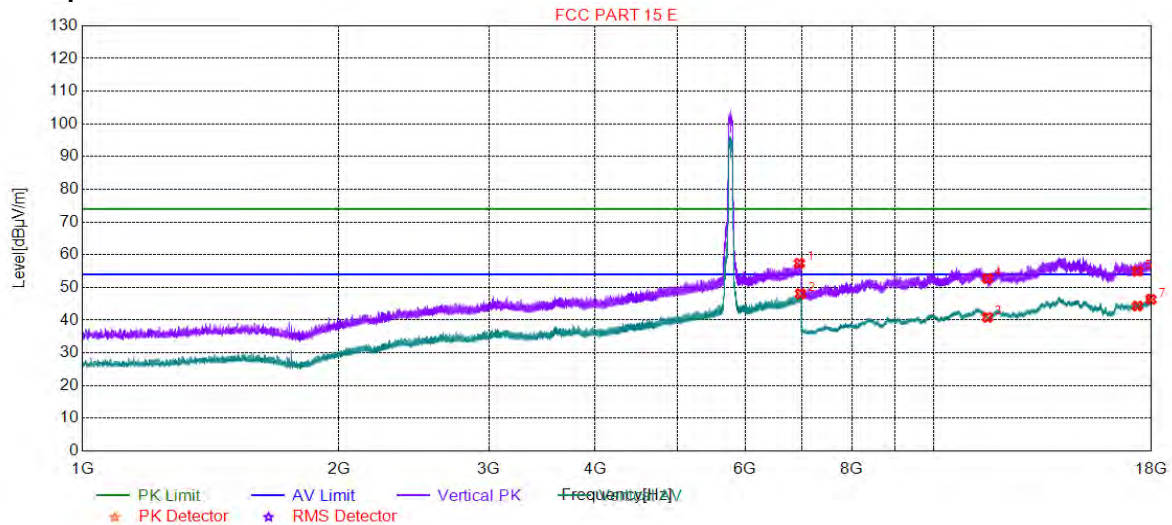


4.9.2.130 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.09	57.41	21.21	74.00	16.59	212	270	Vertical
2	6968.49	48.11	21.26	54.00	5.89	208	119	Vertical
3	11550.0	40.88	-2.29	54.00	13.12	286	18	Vertical
4	11550.0	52.74	-2.29	74.00	21.26	209	269	Vertical
5	17325.0	54.96	-2.09	74.00	19.04	151	18	Vertical
6	17325.0	44.34	-2.09	54.00	9.66	231	269	Vertical
7	17970.8	46.34	-1.29	54.00	7.66	267	320	Vertical

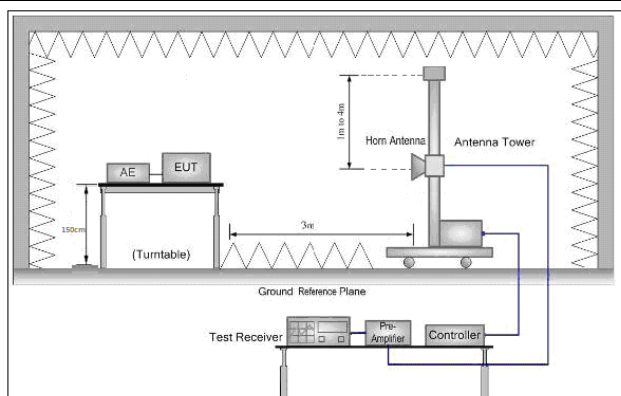
Final Data List

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.

4.10 Restricted bands around fundamental frequency

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

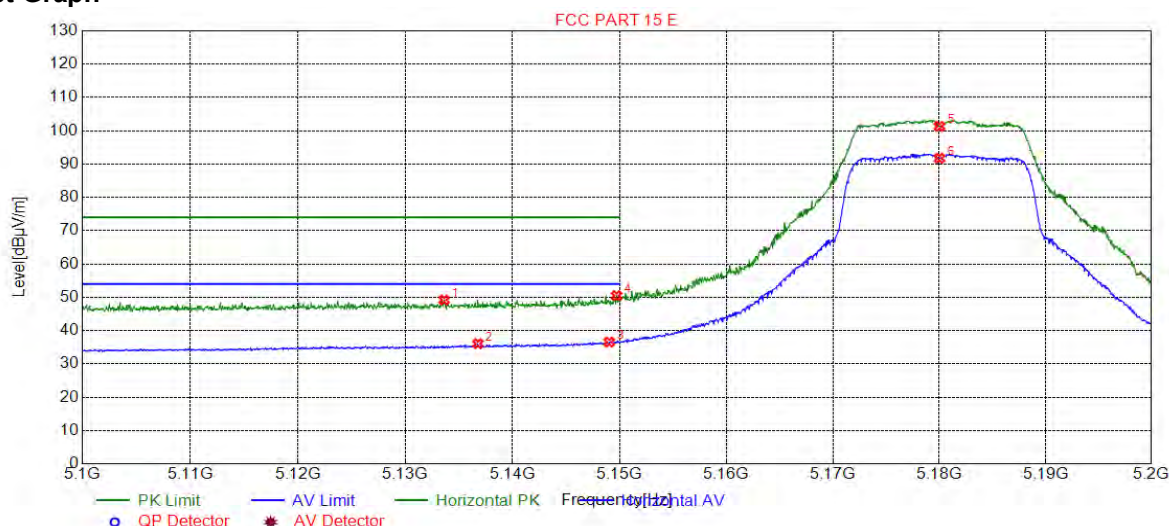


Test Procedure:	a. The EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement. d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading. e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. f. Place a marker at the end of the restricted band closest to the transmit frequency to show compliance. Also measure any emissions in the restricted bands. Save the spectrum analyzer plot. Repeat for each power and modulation for lowest and highest channel g. Test the EUT in the outermost channels. h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, And found the X axis positioning which it is worse case. i. Repeat above procedures until all frequencies measured was complete.
Exploratory Test Mode:	Transmitting with all kind of modulations, data rates.
Final Test Mode:	Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a; MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst case of 802.11ac(HT80); MCS0 of rate is the worst case of 802.11ac(HT160) Only the worst case is recorded in the report.
Instruments Used:	Refer to section 5.10 for details
Test Results:	Pass



4.10.1 Restricted bands around fundamental frequency **4.10.1.1 802.11A_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	5133.61	49.24	15.38	74.00	24.76	109	100	Horizontal
2	5136.76	36.12	15.41	54.00	17.88	237	90	Horizontal
3	5149.02	36.59	15.51	54.00	17.41	109	90	Horizontal
4	5149.72	50.48	15.52	74.00	23.52	220	95	Horizontal
5	5180.00	101.33	15.56	0.00	-101.33	210	90	Horizontal
6	5180.00	91.76	15.56	0.00	-91.76	106	84	Horizontal

Final Data List



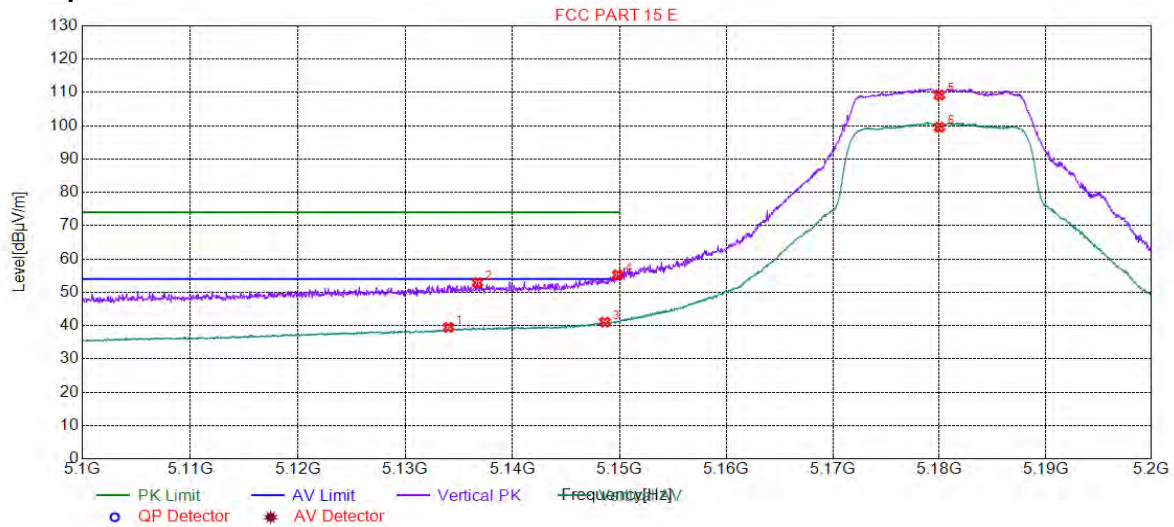
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4.10.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5134.01	39.50	15.38	54.00	14.50	249	4	Vertical
2	5136.71	52.91	15.41	74.00	21.09	167	330	Vertical
3	5148.62	41.06	15.51	54.00	12.94	193	4	Vertical
4	5149.82	55.24	15.52	74.00	18.76	245	346	Vertical
5	5180.00	109.25	15.56	0.00	-109.25	168	14	Vertical
6	5180.00	99.57	15.56	0.00	-99.57	190	4	Vertical

Final Data List



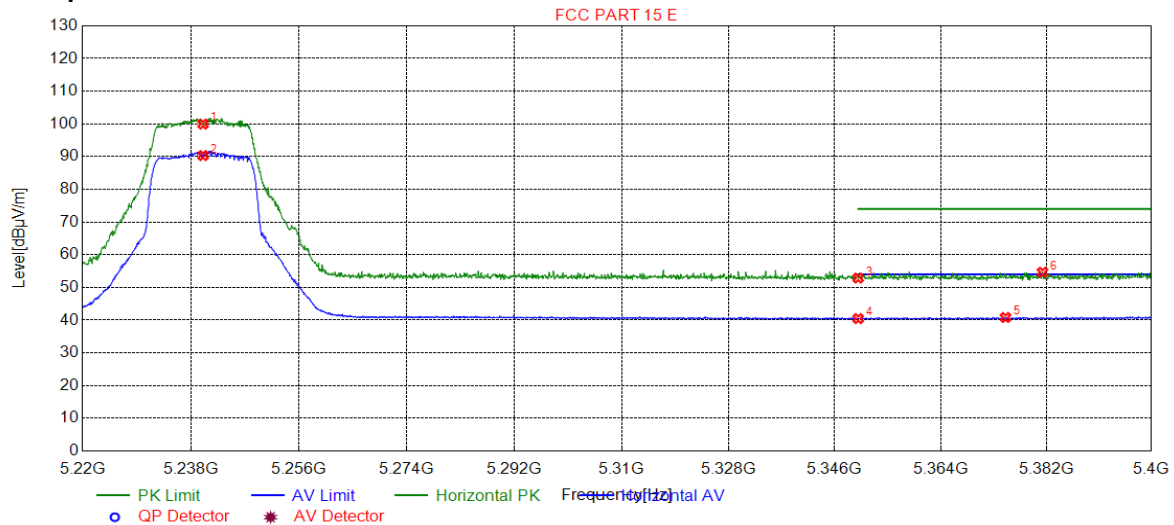
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4.10.1.3 802.11A_Channel 48

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	99.96	15.49	0.00	-99.96	103	354	Horizontal
2	5240.00	90.35	15.49	0.00	-90.35	125	354	Horizontal
3	5350.00	52.89	15.94	74.00	21.11	201	162	Horizontal
4	5350.00	40.49	15.94	54.00	13.51	158	156	Horizontal
5	5375.05	40.83	16.10	54.00	13.17	163	215	Horizontal
6	5381.36	54.66	16.13	74.00	19.34	229	120	Horizontal

Final Data List



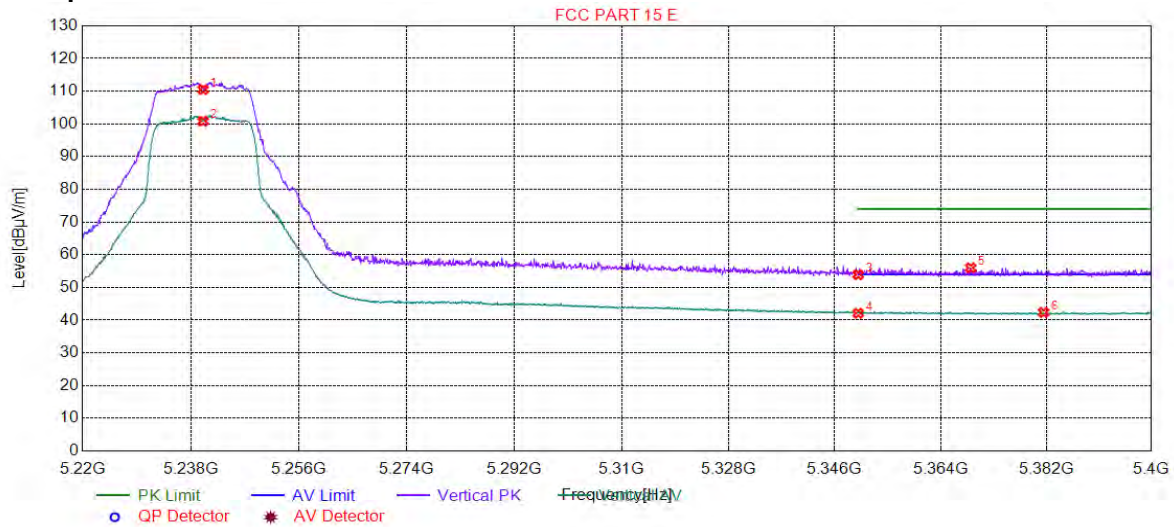
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4.10.1.4 802.11A_Channel 48

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	110.51	15.49	0.00	-110.51	206	344	Vertical
2	5240.00	100.83	15.49	0.00	-100.83	210	344	Vertical
3	5350.00	53.91	15.94	74.00	20.09	253	344	Vertical
4	5350.00	42.13	15.94	54.00	11.87	250	344	Vertical
5	5369.11	56.00	16.06	74.00	18.00	248	10	Vertical
6	5381.54	42.36	16.14	54.00	11.64	166	10	Vertical

Final Data List



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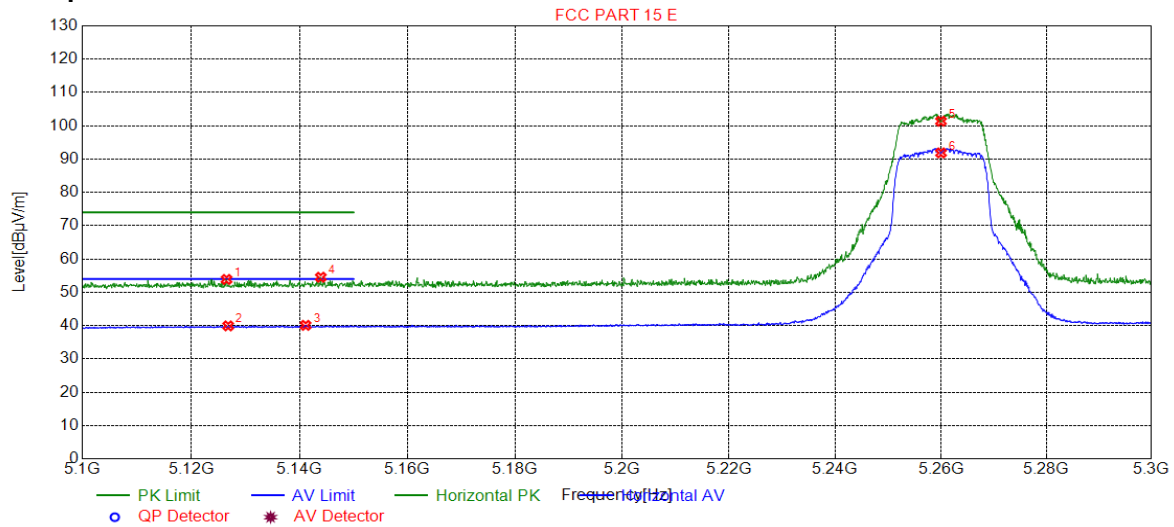
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4.10.1.5 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5126.51	53.89	15.32	74.00	20.11	142	36	Horizontal
2	5126.81	39.94	15.32	54.00	14.06	234	268	Horizontal
3	5141.12	40.10	15.44	54.00	13.90	166	64	Horizontal
4	5143.92	54.54	15.47	74.00	19.46	201	344	Horizontal
5	5260.00	101.37	15.51	0.00	-101.37	144	351	Horizontal
6	5260.00	91.86	15.51	0.00	-91.86	115	351	Horizontal

Final Data List



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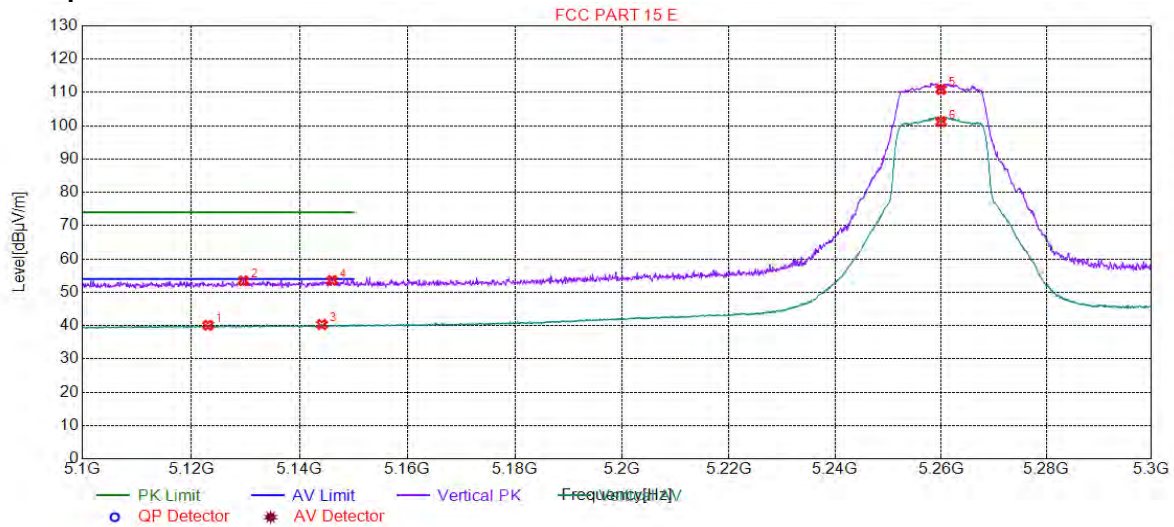
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4.10.1.6 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5123.11	40.12	15.29	54.00	13.88	200	344	Vertical
2	5129.61	53.49	15.34	74.00	20.51	221	74	Vertical
3	5144.12	40.35	15.47	54.00	13.65	269	325	Vertical
4	5146.02	53.59	15.49	74.00	20.41	260	0	Vertical
5	5260.00	110.88	15.51	0.00	-110.88	226	338	Vertical
6	5260.00	101.20	15.51	0.00	-101.20	211	344	Vertical

Final Data List



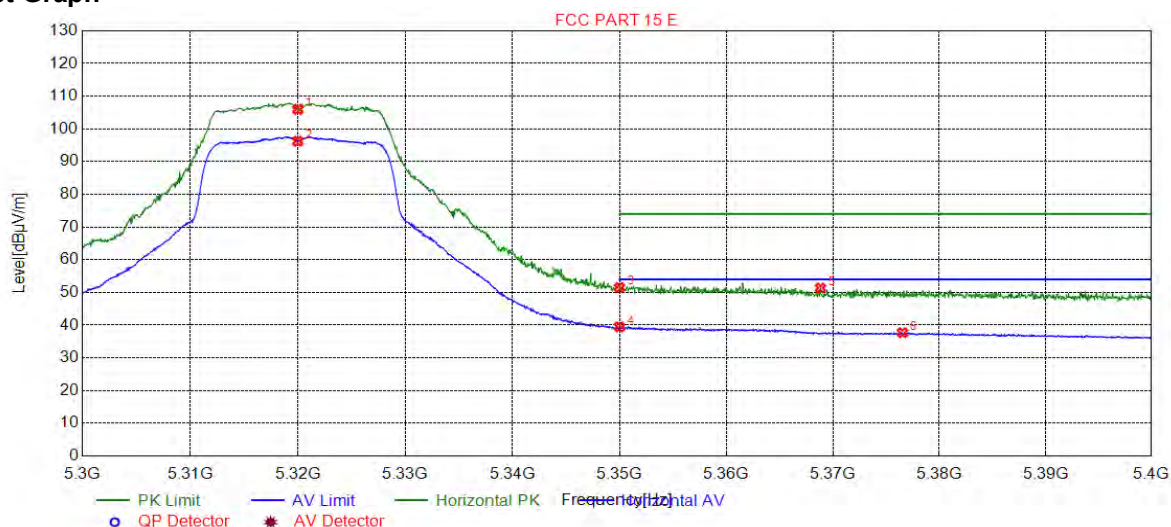
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4.10.1.7 802.11A_Channel 64

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	106.00	15.80	0.00	-106.00	124	344	Horizontal
2	5320.00	96.25	15.80	0.00	-96.25	155	344	Horizontal
3	5350.00	51.53	15.94	74.00	22.47	207	344	Horizontal
4	5350.00	39.48	15.94	54.00	14.52	108	0	Horizontal
5	5368.83	51.36	16.06	74.00	22.64	171	10	Horizontal
6	5376.53	37.71	16.10	54.00	16.29	220	344	Horizontal

Final Data List

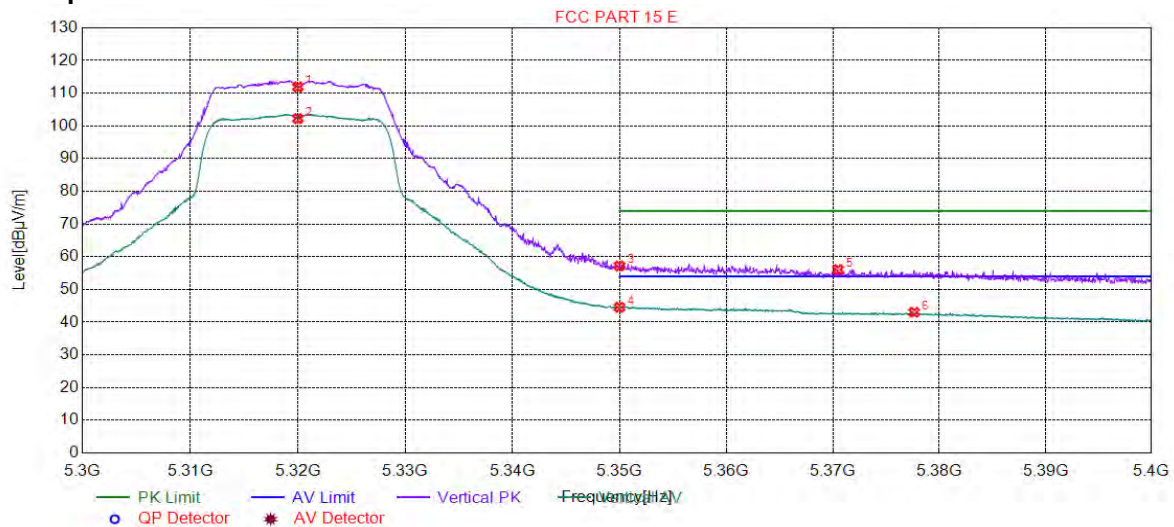


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4.10.1.8 802.11A_Channel 64

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	111.94	15.80	0.00	-111.94	218	16	Vertical
2	5320.00	102.25	15.80	0.00	-102.25	214	359	Vertical
3	5350.00	57.19	15.94	74.00	16.81	179	349	Vertical
4	5350.00	44.57	15.94	54.00	9.43	268	359	Vertical
5	5370.48	56.10	16.07	74.00	17.90	284	359	Vertical
6	5377.63	43.03	16.11	54.00	10.97	203	349	Vertical

Final Data List



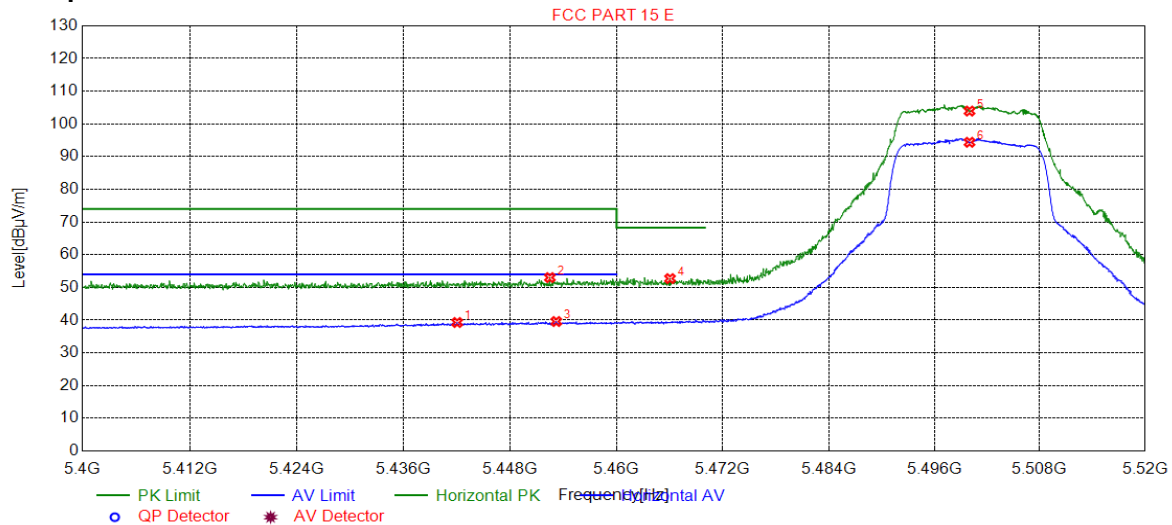
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4.10.1.9 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5442.02	39.30	16.25	54.00	14.70	161	71	Horizontal
2	5452.46	53.03	16.25	74.00	20.97	121	346	Horizontal
3	5453.18	39.60	16.25	54.00	14.40	137	71	Horizontal
4	5466.03	52.72	16.25	68.30	15.58	112	65	Horizontal
5	5500.00	103.94	16.25	0.00	-103.94	191	65	Horizontal
6	5500.00	94.39	16.25	0.00	-94.39	133	71	Horizontal

Final Data List

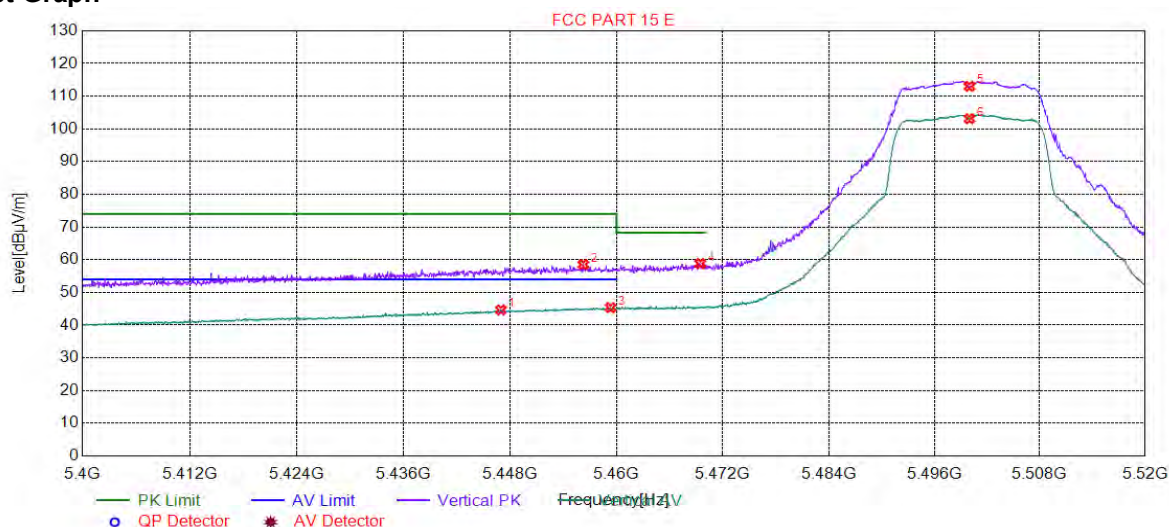


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4.10.1.10 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.94	44.65	16.25	54.00	9.35	274	350	Vertical
2	5456.24	58.53	16.25	74.00	15.47	272	307	Vertical
3	5459.30	45.35	16.25	54.00	8.65	193	14	Vertical
4	5469.45	58.86	16.25	68.30	9.44	190	307	Vertical
5	5500.00	113.01	16.25	0.00	-113.01	199	14	Vertical
6	5500.00	103.12	16.25	0.00	-103.12	196	344	Vertical

Final Data List

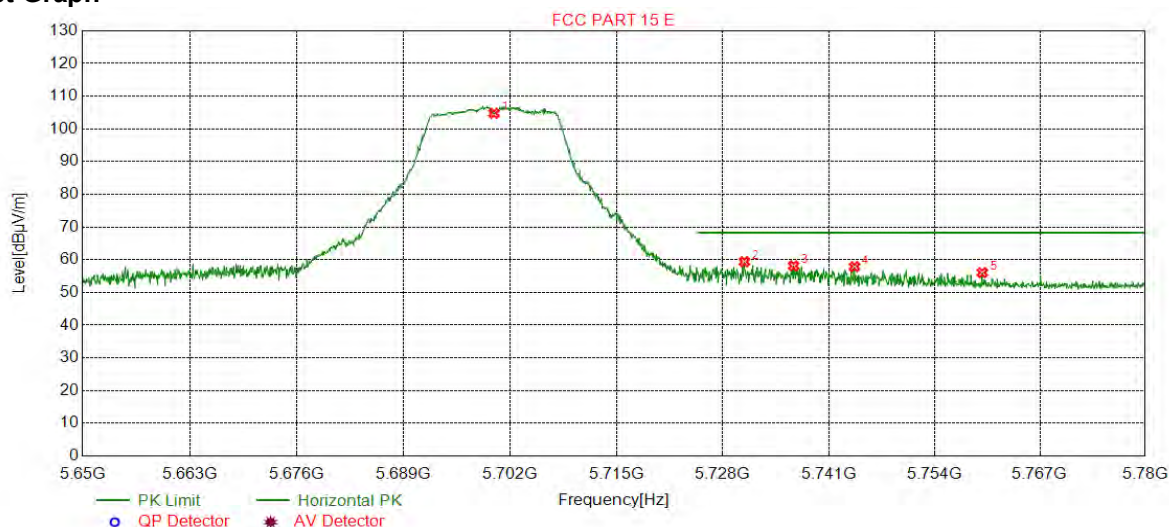


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4.10.1.11 802.11A_Channel 140

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	104.79	16.80	0.00	-104.79	152	67	Horizontal
2	5730.64	59.41	17.00	68.30	8.89	146	58	Horizontal
3	5736.68	58.15	17.03	68.30	10.15	218	71	Horizontal
4	5744.16	57.87	17.08	68.30	10.43	119	7	Horizontal
5	5759.90	56.07	17.13	68.30	12.23	210	76	Horizontal

Final Data List



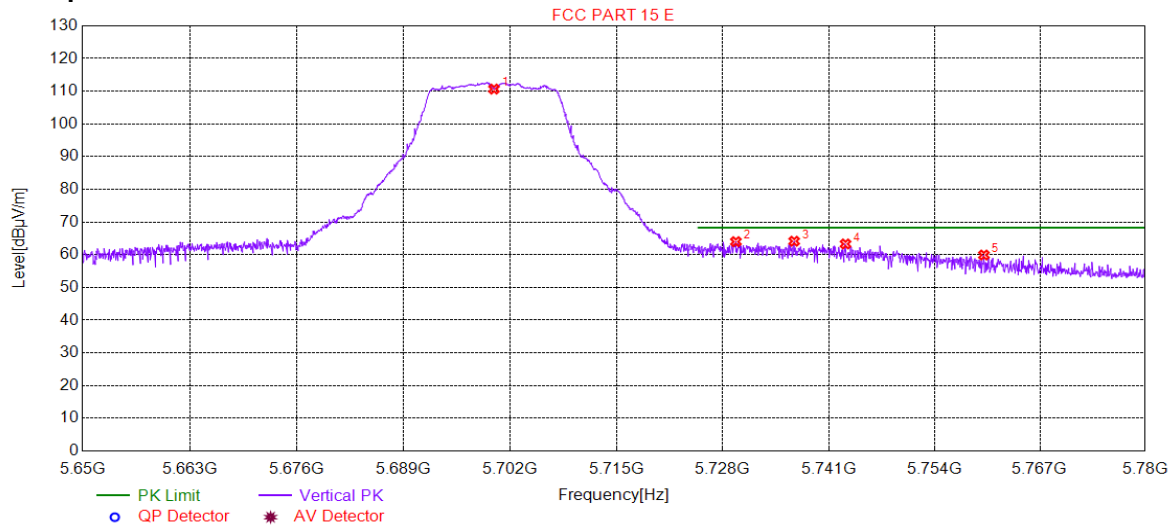
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4.10.1.12 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	110.67	16.80	0.00	-110.67	236	350	Vertical
2	5729.59	64.01	16.99	68.30	4.29	221	15	Vertical
3	5736.75	64.15	17.04	68.30	4.15	245	15	Vertical
4	5743.06	63.31	17.08	68.30	4.99	206	15	Vertical
5	5760.10	59.93	17.13	68.30	8.37	161	15	Vertical

Final Data List



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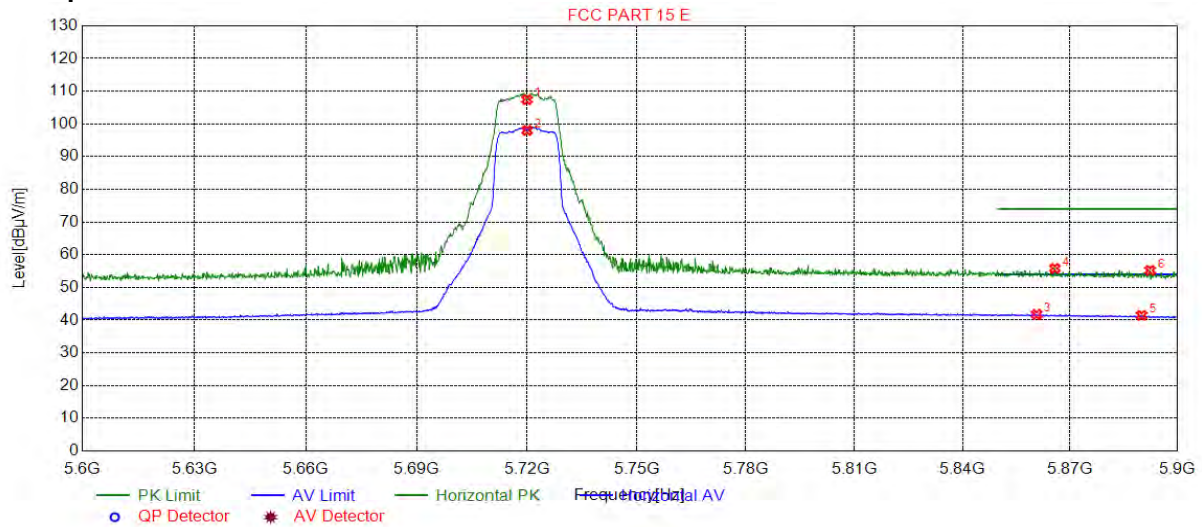
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4.10.1.13 802.11A_Channel 144

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	107.43	16.93	0.00	-107.43	215	311	Horizontal
2	5720.00	98.03	16.93	0.00	-98.03	112	311	Horizontal
3	5860.68	41.76	17.23	54.00	12.24	102	325	Horizontal
4	5865.78	55.84	17.21	74.00	18.16	145	270	Horizontal
5	5890.09	41.47	17.14	54.00	12.53	110	0	Horizontal
6	5892.49	55.23	17.13	74.00	18.77	197	78	Horizontal

Final Data List



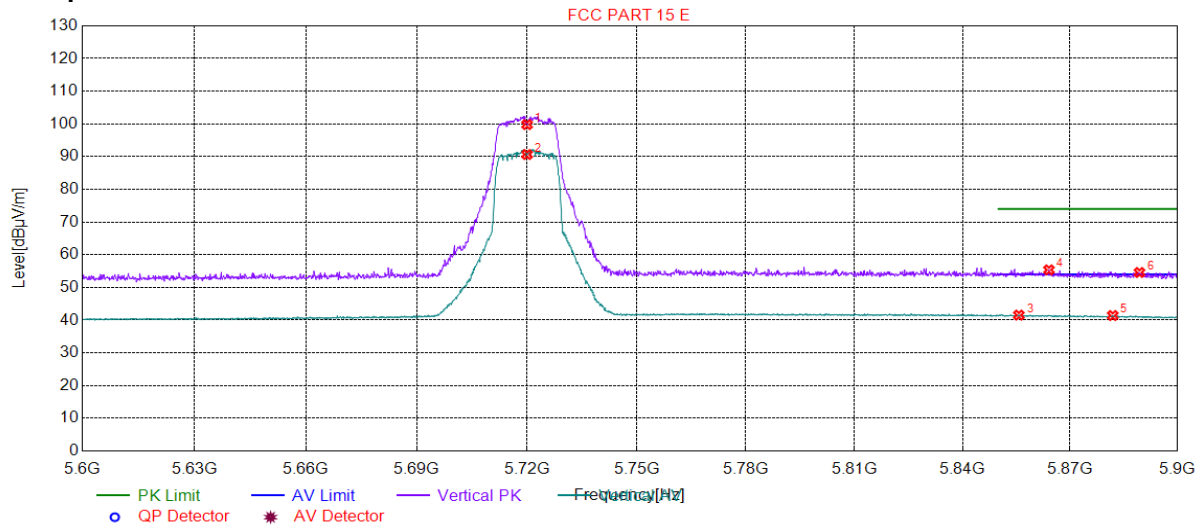
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4.10.1.14 802.11A_Channel 144

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	99.80	16.93	0.00	-99.80	160	186	Vertical
2	5720.00	90.66	16.93	0.00	-90.66	208	186	Vertical
3	5855.72	41.56	17.24	54.00	12.44	163	56	Vertical
4	5864.13	55.39	17.22	74.00	18.61	190	360	Vertical
5	5881.99	41.43	17.16	54.00	12.57	154	16	Vertical
6	5889.49	54.59	17.14	74.00	19.41	209	83	Vertical

Final Data List



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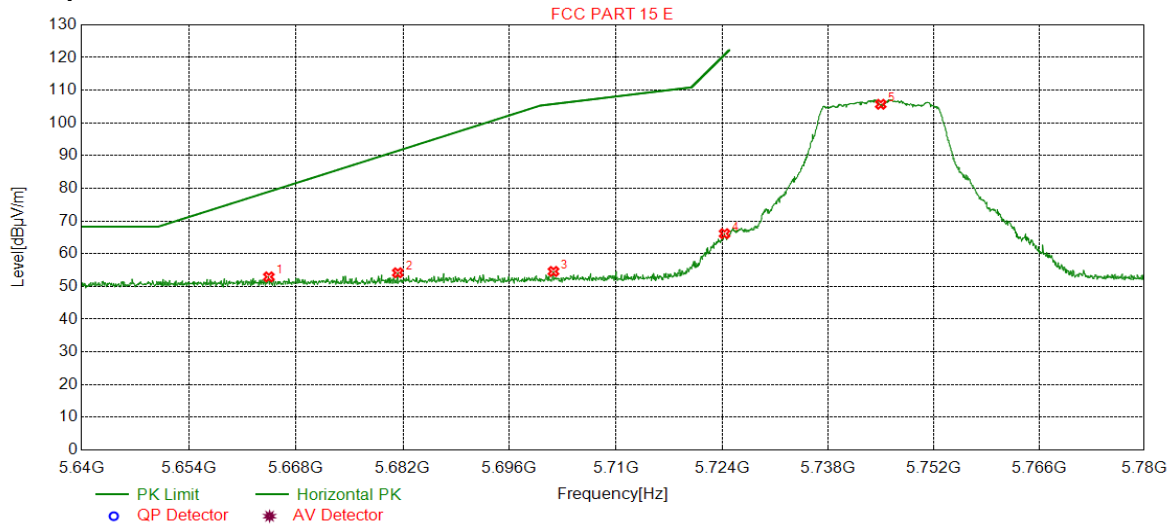
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4.10.1.15 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5664.44	52.94	16.61	78.99	26.05	140	53	Horizontal
2	5681.32	54.19	16.70	91.48	37.29	218	7	Horizontal
3	5701.77	54.60	16.81	105.80	51.20	147	81	Horizontal
4	5724.32	66.16	16.96	120.75	54.59	227	11	Horizontal
5	5745.00	105.71	17.09	0.00	-105.71	153	7	Horizontal

Final Data List



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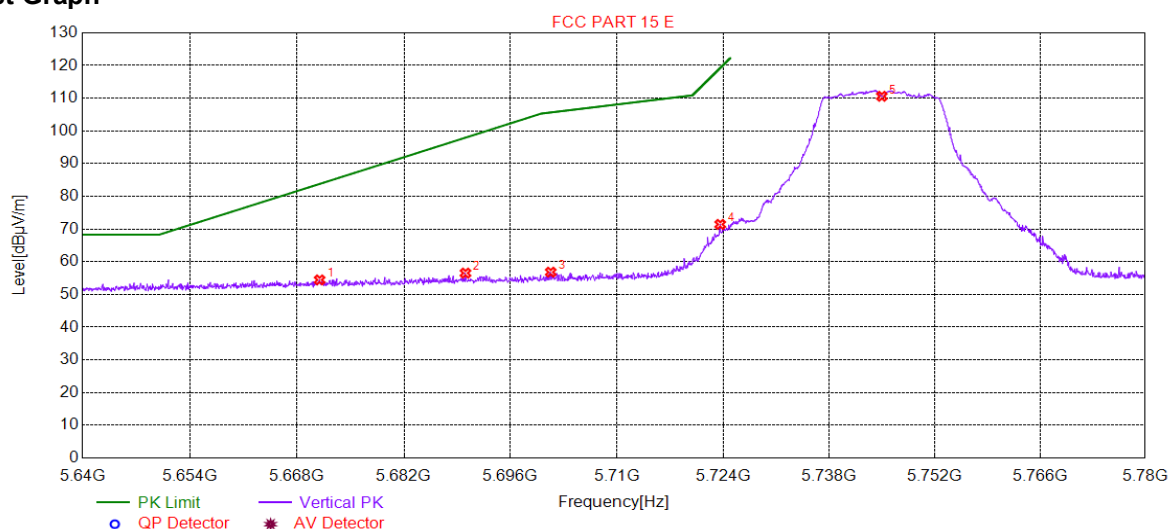
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4.10.1.16 802.11A_Channel 149

Test Graph



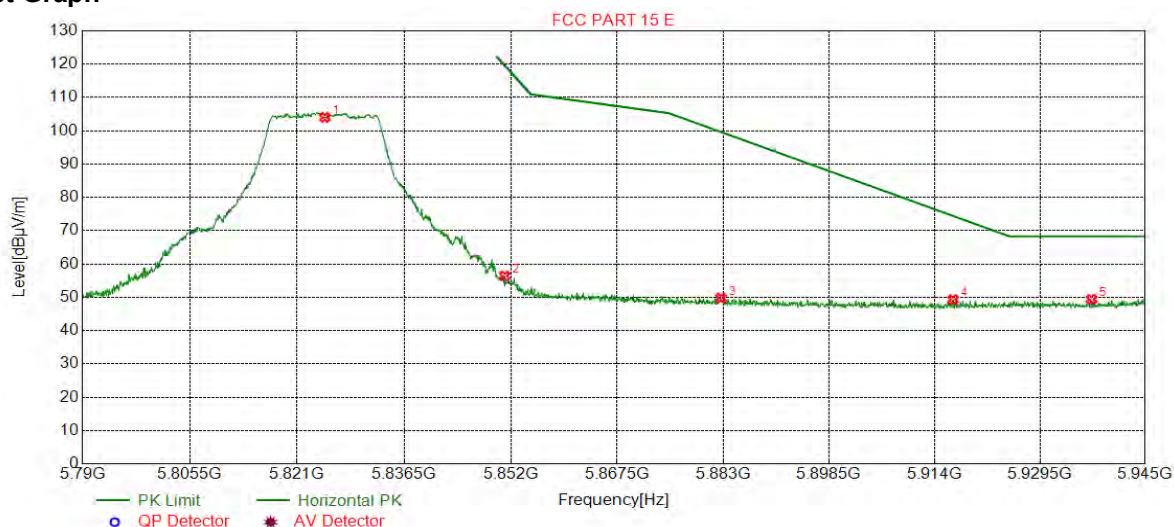
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.95	54.46	16.64	83.81	29.35	264	15	Vertical
2	5690.07	56.54	16.75	97.96	41.42	237	25	Vertical
3	5701.28	56.83	16.81	105.66	48.83	176	357	Vertical
4	5723.62	71.43	16.95	119.16	47.73	169	303	Vertical
5	5745.00	110.60	17.09	0.00	-110.60	267	340	Vertical

Final Data List

4.10.1.17 802.11A_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	104.01	17.23	0.00	-104.01	132	72	Horizontal
2	5851.10	56.43	17.26	119.79	63.36	246	59	Horizontal
3	5882.65	49.79	17.16	99.63	49.84	147	68	Horizontal
4	5916.69	49.31	17.37	74.44	25.13	151	68	Horizontal
5	5937.09	49.42	17.68	68.30	18.88	133	336	Horizontal

Final Data List



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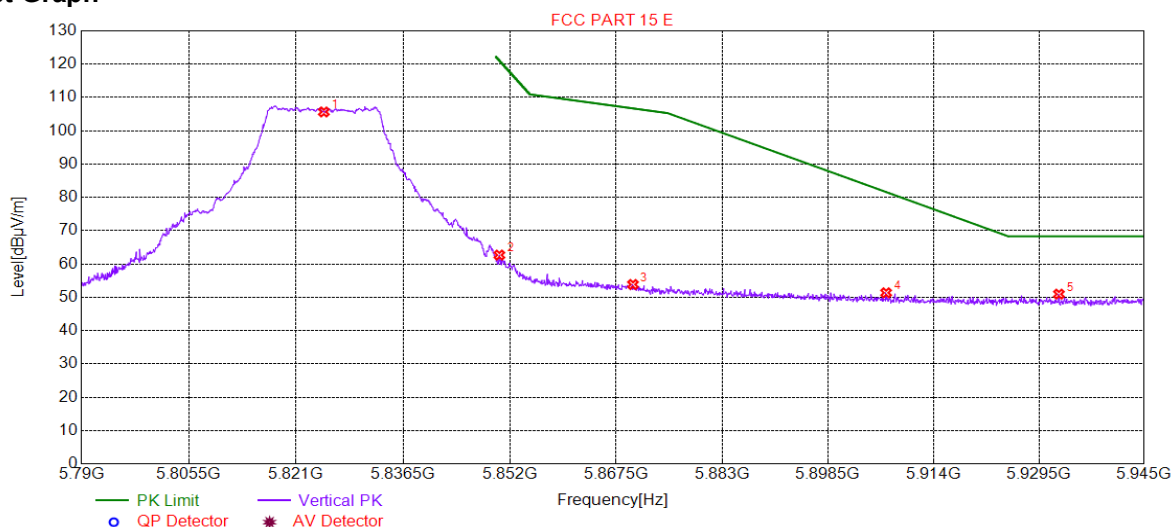
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4.10.1.18 802.11A_Channel 165

Test Graph



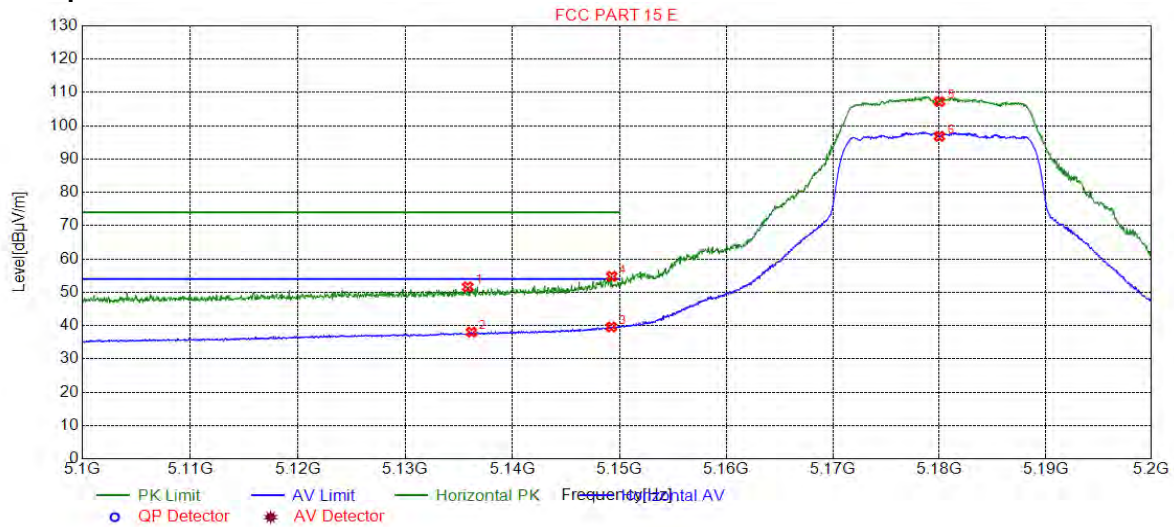
Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.65	17.23	0.00	-105.65	182	326	Vertical
2	5850.48	62.70	17.26	121.21	58.51	162	16	Vertical
3	5869.94	53.87	17.20	106.72	52.85	168	345	Vertical
4	5907.00	51.38	17.22	81.62	30.24	283	340	Vertical
5	5932.43	50.98	17.61	68.30	17.32	279	349	Vertical

Final Data List

4.10.1.19 802.11N20_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	5135.81	51.64	15.40	74.00	22.36	235	0	Horizontal
2	5136.16	38.06	15.40	54.00	15.94	114	79	Horizontal
3	5149.22	39.62	15.51	54.00	14.38	121	346	Horizontal
4	5149.27	54.81	15.51	74.00	19.19	239	69	Horizontal
5	5180.00	107.29	15.56	0.00	-107.29	155	346	Horizontal
6	5180.00	96.83	15.56	0.00	-96.83	225	341	Horizontal

Final Data List



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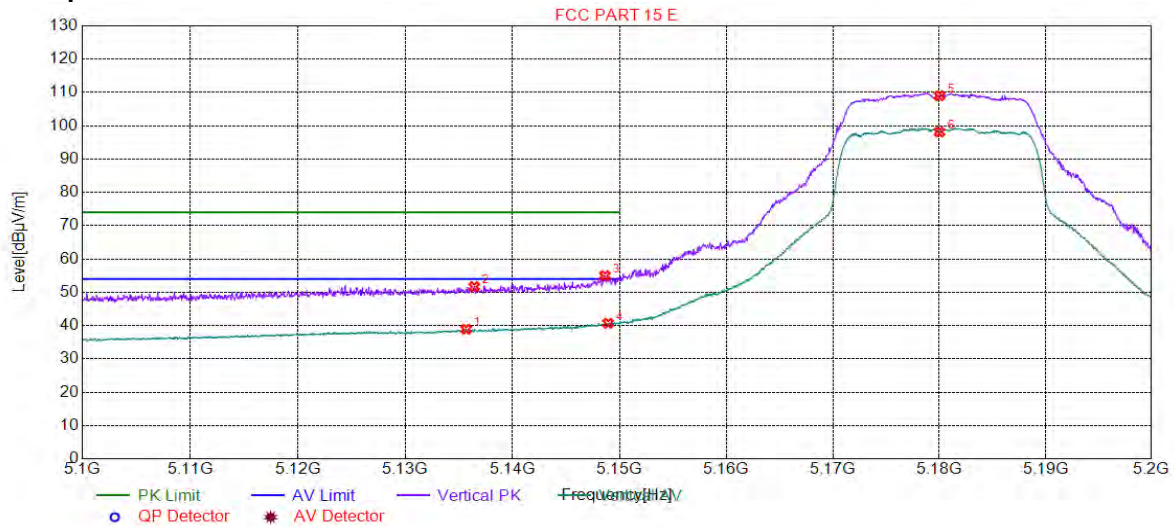
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4.10.1.20 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5135.66	38.93	15.40	54.00	15.07	203	14	Vertical
2	5136.41	51.72	15.40	74.00	22.28	161	14	Vertical
3	5148.62	55.02	15.51	74.00	18.98	159	334	Vertical
4	5148.92	40.71	15.51	54.00	13.29	299	14	Vertical
5	5180.00	109.02	15.56	0.00	-109.02	290	24	Vertical
6	5180.00	98.15	15.56	0.00	-98.15	180	19	Vertical

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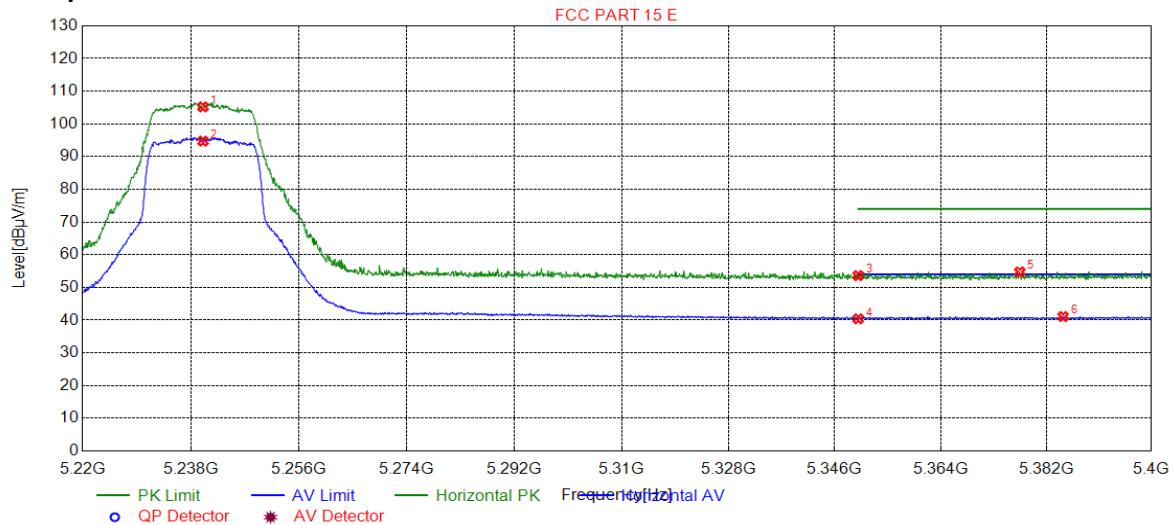
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4.10.1.21 802.11N20_Channel 48

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	105.23	15.49	0.00	-105.23	120	344	Horizontal
2	5240.00	94.75	15.49	0.00	-94.75	138	344	Horizontal
3	5350.00	53.62	15.94	74.00	20.38	194	290	Horizontal
4	5350.00	40.41	15.94	54.00	13.59	109	195	Horizontal
5	5377.48	54.78	16.11	74.00	19.22	126	36	Horizontal
6	5384.87	41.11	16.16	54.00	12.89	149	71	Horizontal

Final Data List



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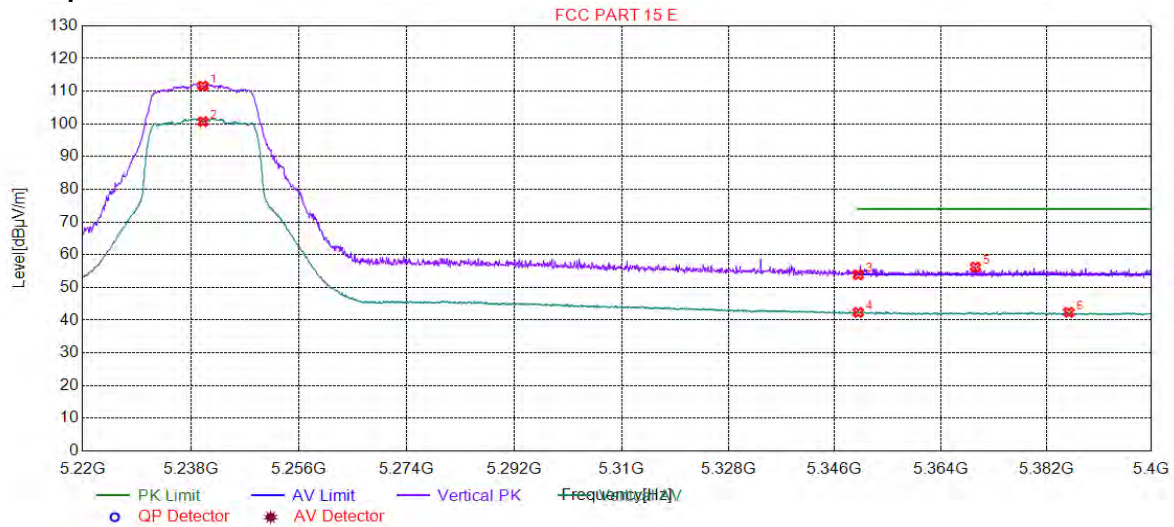
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4.10.1.22 802.11N20_Channel 48

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	111.59	15.49	0.00	-111.59	151	16	Vertical
2	5240.00	100.69	15.49	0.00	-100.69	252	16	Vertical
3	5350.00	53.85	15.94	74.00	20.15	294	16	Vertical
4	5350.00	42.37	15.94	54.00	11.63	231	16	Vertical
5	5369.92	56.28	16.06	74.00	17.72	166	349	Vertical
6	5385.86	42.40	16.16	54.00	11.60	289	349	Vertical

Final Data List



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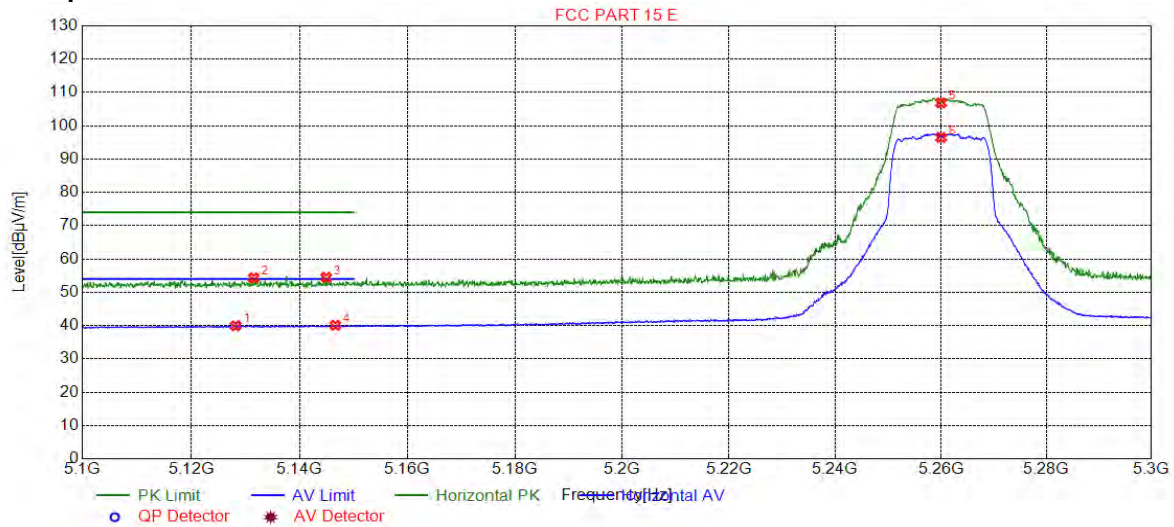
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4.10.1.23 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.21	39.97	15.33	54.00	14.03	115	92	Horizontal
2	5131.51	54.32	15.36	74.00	19.68	143	30	Horizontal
3	5144.92	54.49	15.48	74.00	19.51	148	146	Horizontal
4	5146.62	40.12	15.49	54.00	13.88	195	344	Horizontal
5	5260.00	106.88	15.51	0.00	-106.88	142	344	Horizontal
6	5260.00	96.48	15.51	0.00	-96.48	229	344	Horizontal

Final Data List



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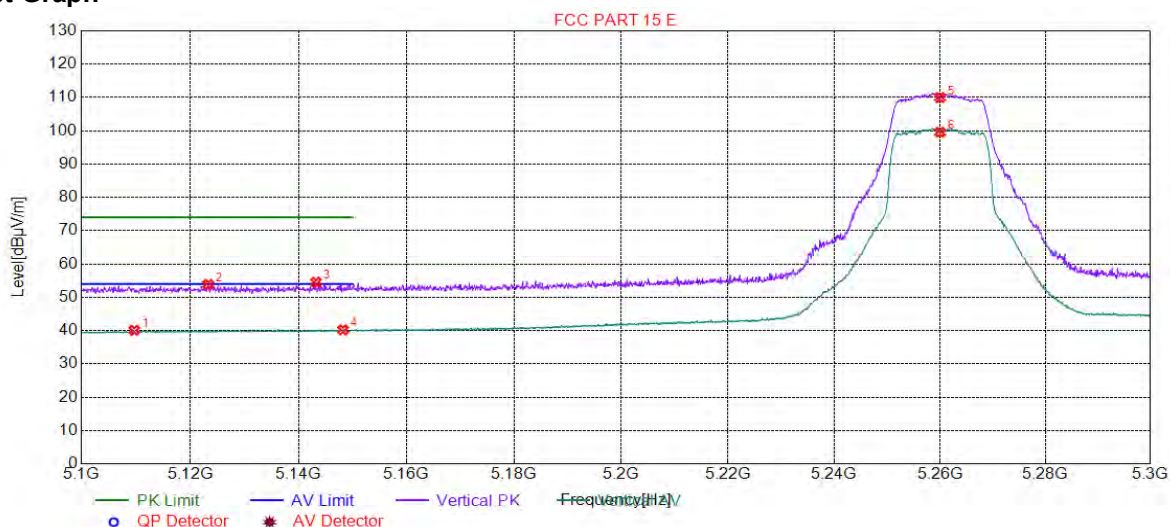
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4.10.1.24 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5109.70	40.13	15.17	54.00	13.87	194	16	Vertical
2	5123.31	53.89	15.29	74.00	20.11	238	240	Vertical
3	5143.22	54.57	15.46	74.00	19.43	299	322	Vertical
4	5148.22	40.24	15.50	54.00	13.76	248	16	Vertical
5	5260.00	109.97	15.51	0.00	-109.97	153	16	Vertical
6	5260.00	99.56	15.51	0.00	-99.56	211	16	Vertical

Final Data List

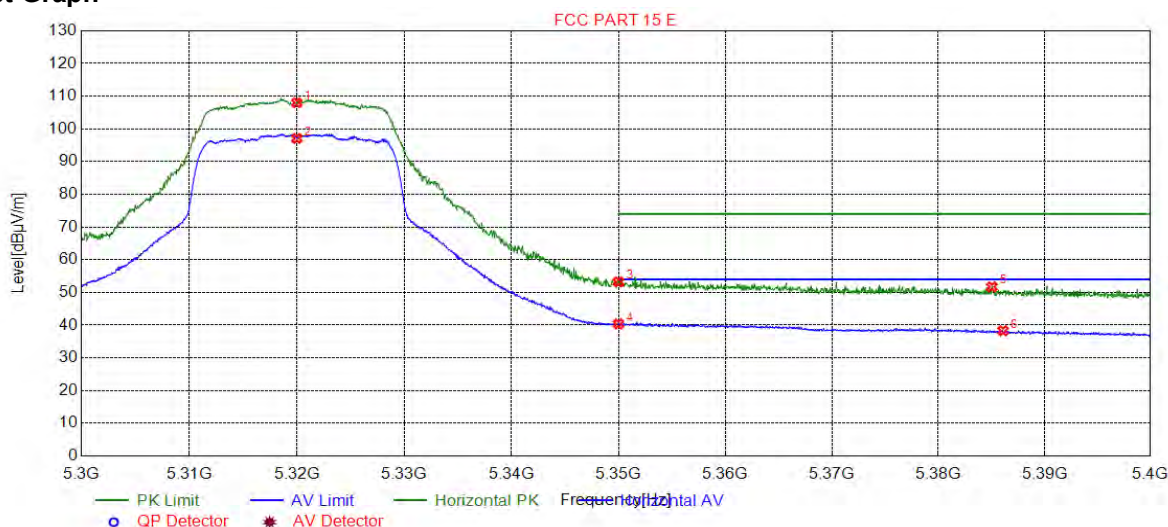


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4.10.1.25 802.11N20_Channel 64

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	108.02	15.80	0.00	-108.02	228	5	Horizontal
2	5320.00	97.09	15.80	0.00	-97.09	232	5	Horizontal
3	5350.00	53.23	15.94	74.00	20.77	153	1	Horizontal
4	5350.00	40.41	15.94	54.00	13.59	159	5	Horizontal
5	5385.04	51.74	16.16	74.00	22.26	168	5	Horizontal
6	5386.09	38.30	16.16	54.00	15.70	224	5	Horizontal

Final Data List

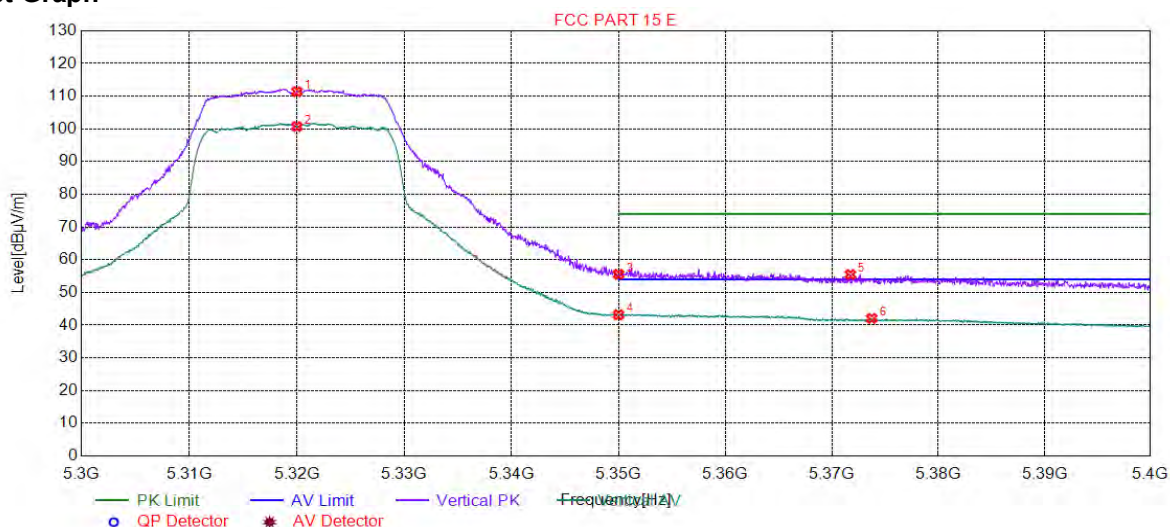


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4.10.1.26 802.11N20_Channel 64

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	111.40	15.80	0.00	-111.40	239	16	Vertical
2	5320.00	100.71	15.80	0.00	-100.71	194	16	Vertical
3	5350.00	55.56	15.94	74.00	18.44	283	338	Vertical
4	5350.00	43.19	15.94	54.00	10.81	225	360	Vertical
5	5371.73	55.51	16.07	74.00	18.49	230	357	Vertical
6	5373.73	42.09	16.09	54.00	11.91	233	16	Vertical

Final Data List



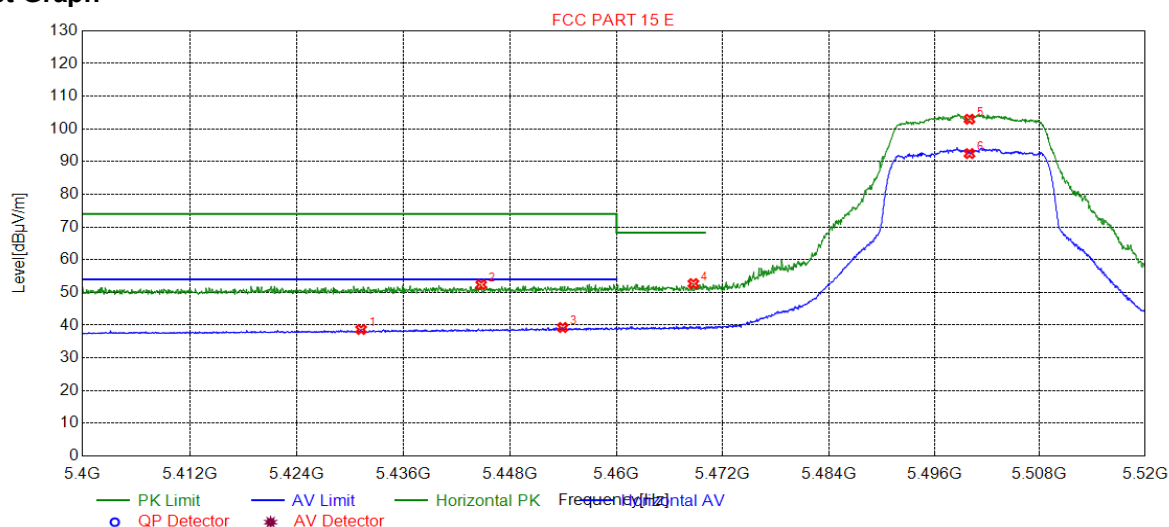
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4.10.1.27 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5431.21	38.70	16.25	54.00	15.30	103	75	Horizontal
2	5444.72	52.39	16.25	74.00	21.61	202	59	Horizontal
3	5453.90	39.31	16.25	54.00	14.69	195	64	Horizontal
4	5468.67	52.72	16.25	68.30	15.58	186	80	Horizontal
5	5500.00	102.99	16.25	0.00	-102.99	154	64	Horizontal
6	5500.00	92.47	16.25	0.00	-92.47	185	70	Horizontal

Final Data List

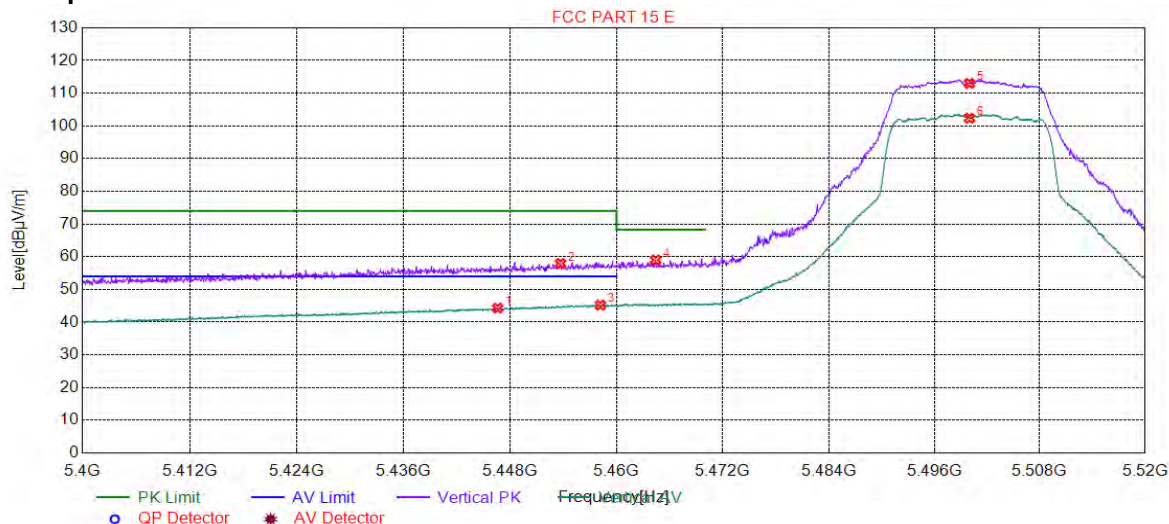


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4.10.1.28 802.11N20_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5446.58	44.33	16.25	54.00	9.67	188	13	Vertical
2	5453.66	57.95	16.25	74.00	16.05	291	356	Vertical
3	5458.16	45.23	16.25	54.00	8.77	232	350	Vertical
4	5464.41	59.02	16.25	68.30	9.28	201	339	Vertical
5	5500.00	113.00	16.25	0.00	-113.00	233	356	Vertical
6	5500.00	102.37	16.25	0.00	-102.37	241	356	Vertical

Final Data List



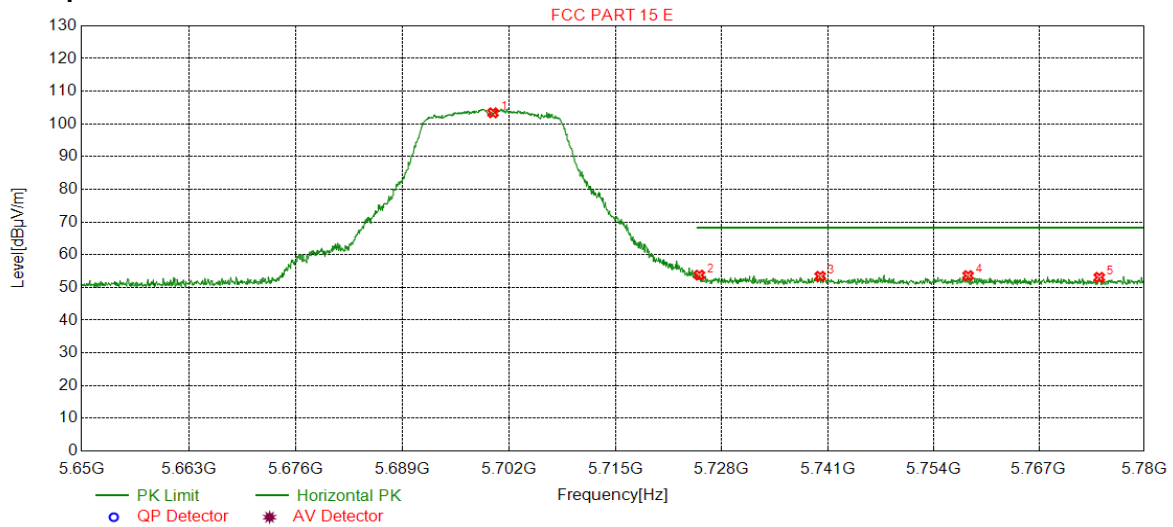
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4.10.1.29 802.11N20_Channel 140

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	103.40	16.80	0.00	-103.40	228	152	Horizontal
2	5725.24	53.78	16.96	68.30	14.52	120	78	Horizontal
3	5740.07	53.43	17.06	68.30	14.87	188	83	Horizontal
4	5758.27	53.62	17.13	68.30	14.68	182	74	Horizontal
5	5774.47	53.10	17.15	68.30	15.20	208	304	Horizontal

Final Data List



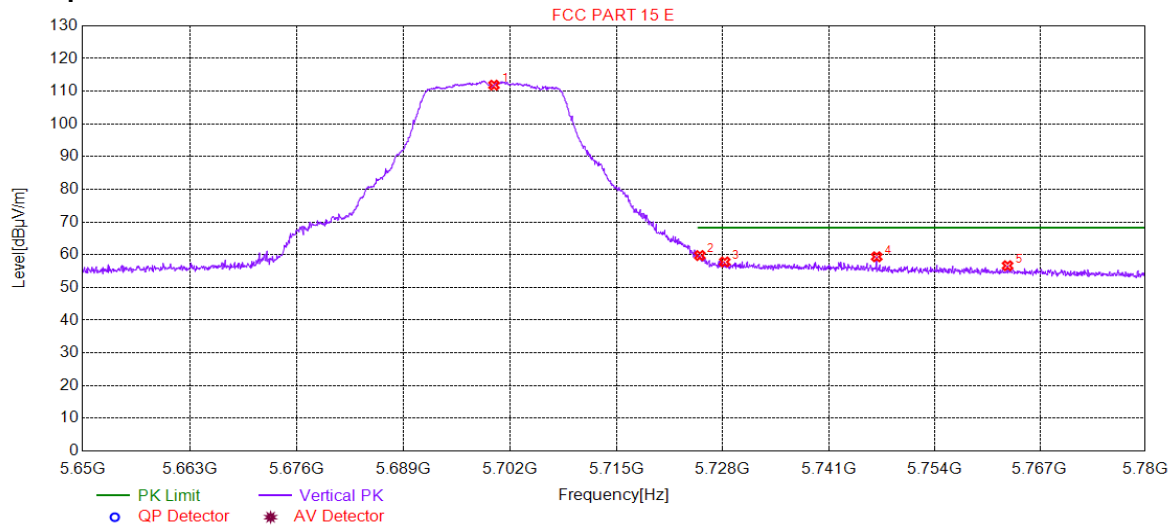
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4.10.1.30 802.11N20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	111.86	16.80	0.00	-111.86	239	330	Vertical
2	5725.17	59.77	16.96	68.30	8.53	241	359	Vertical
3	5728.23	57.82	16.98	68.30	10.48	266	330	Vertical
4	5746.89	59.39	17.10	68.30	8.91	246	284	Vertical
5	5763.02	56.66	17.14	68.30	11.64	217	360	Vertical

Final Data List



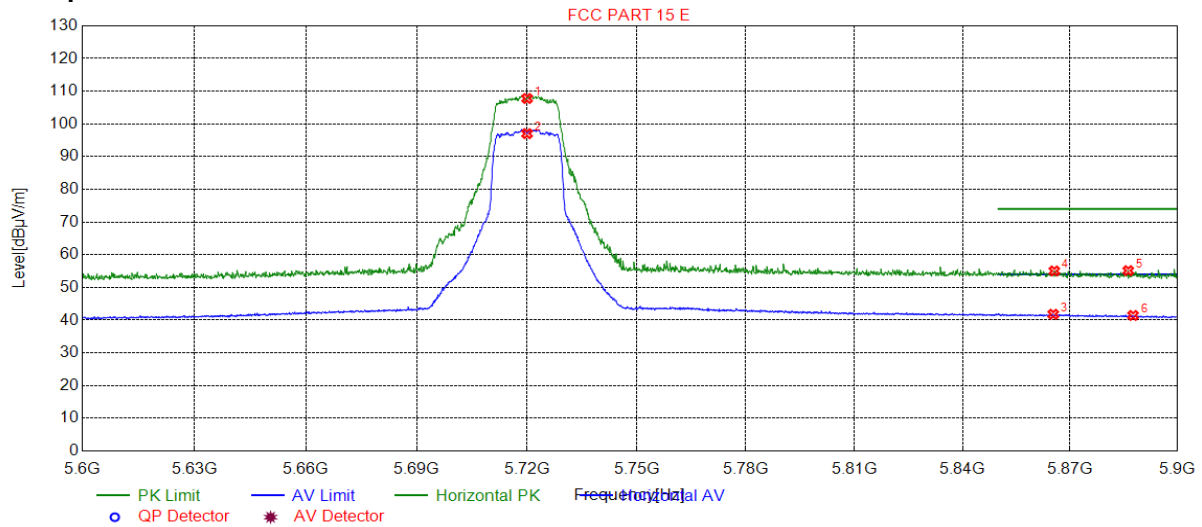
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4.10.1.31 802.11N20_Channel 144

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	107.78	16.93	0.00	-107.78	215	318	Horizontal
2	5720.00	97.04	16.93	0.00	-97.04	171	324	Horizontal
3	5865.33	41.82	17.21	54.00	12.18	239	338	Horizontal
4	5865.63	55.05	17.21	74.00	18.95	234	131	Horizontal
5	5886.34	55.15	17.15	74.00	18.85	184	61	Horizontal
6	5887.69	41.46	17.15	54.00	12.54	239	283	Horizontal

Final Data List



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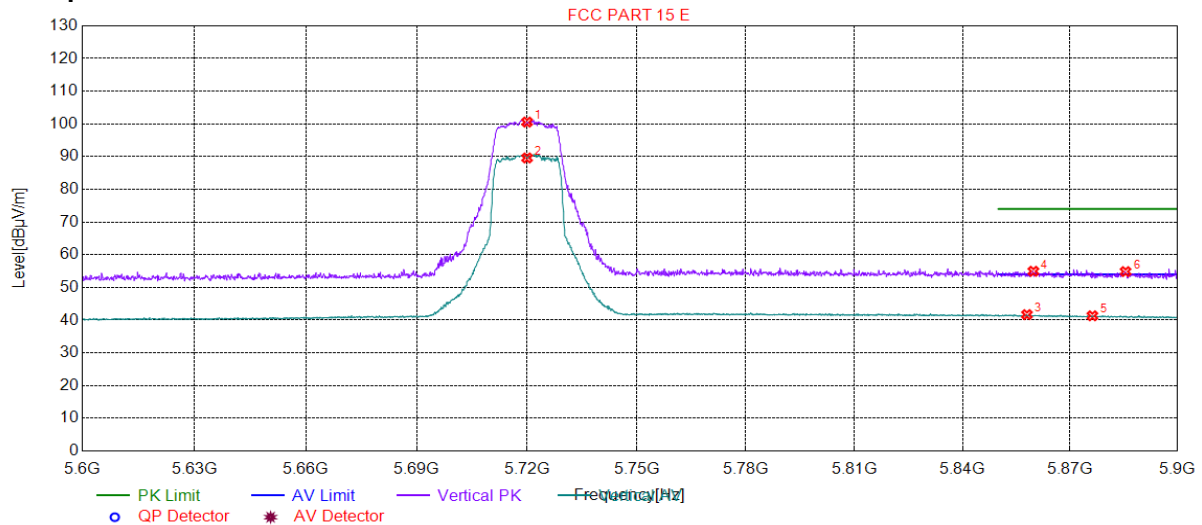
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4.10.1.32 802.11N20_Channel 144

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5720.00	100.57	16.93	0.00	-100.57	288	195	Vertical
2	5720.00	89.60	16.93	0.00	-89.60	155	188	Vertical
3	5857.97	41.71	17.24	54.00	12.29	263	202	Vertical
4	5859.77	54.96	17.23	74.00	19.04	170	279	Vertical
5	5876.28	41.34	17.18	54.00	12.66	245	244	Vertical
6	5885.59	54.86	17.15	74.00	19.14	246	359	Vertical

Final Data List



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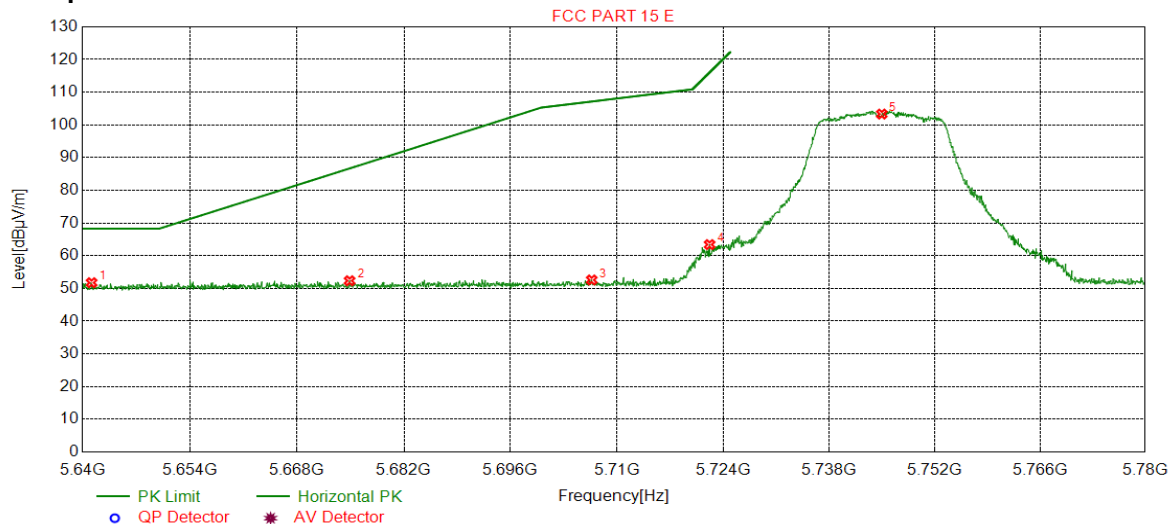
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4.10.1.33 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5641.19	51.76	16.54	68.30	16.54	173	128	Horizontal
2	5674.87	52.36	16.66	86.71	34.35	174	152	Horizontal
3	5706.67	52.61	16.84	107.17	54.56	197	331	Horizontal
4	5722.22	63.42	16.94	115.96	52.54	162	142	Horizontal
5	5745.00	103.33	17.09	0.00	-103.33	180	147	Horizontal

Final Data List



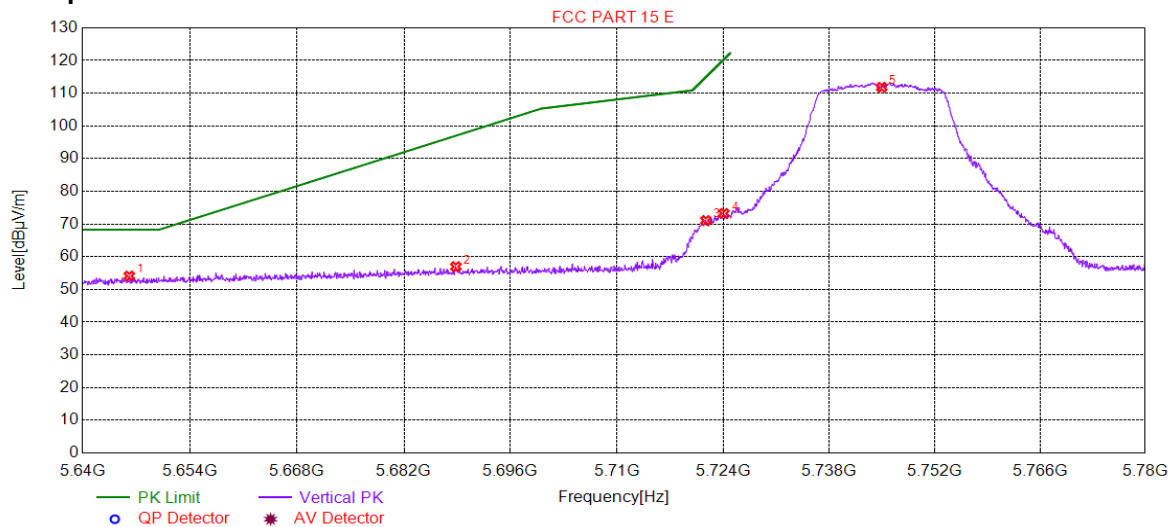
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4.10.1.34 802.11N20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5646.09	54.13	16.53	68.30	14.17	218	360	Vertical
2	5688.81	56.99	16.74	97.02	40.03	151	16	Vertical
3	5721.73	71.09	16.94	114.85	43.76	292	317	Vertical
4	5724.11	73.24	16.95	120.28	47.04	198	331	Vertical
5	5745.00	111.84	17.09	0.00	-111.84	217	340	Vertical

Final Data List



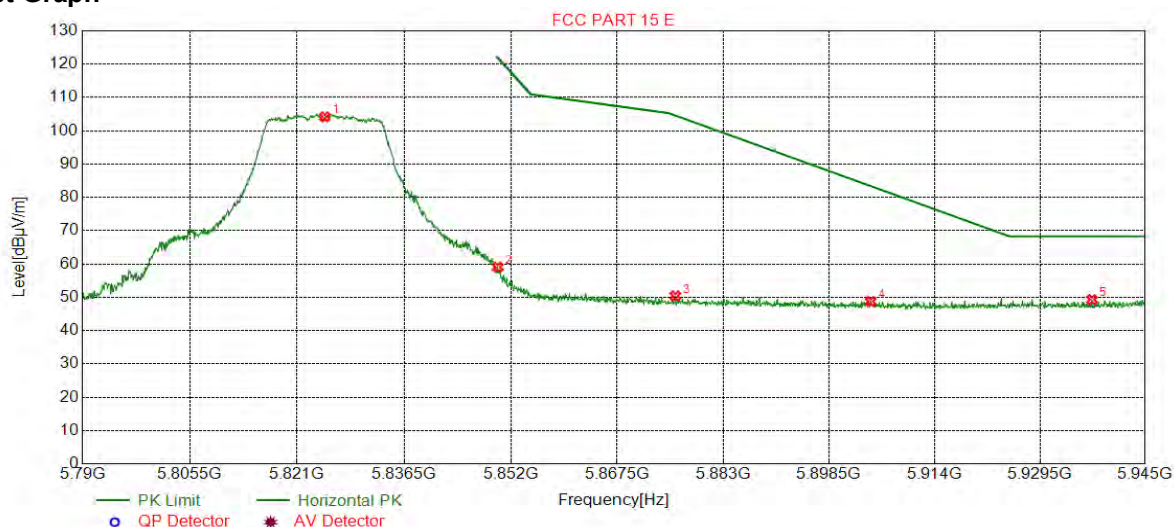
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4.10.1.35 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	104.17	17.23	0.00	-104.17	127	81	Horizontal
2	5850.09	59.07	17.26	122.09	63.02	136	8	Horizontal
3	5875.99	50.42	17.18	104.57	54.15	182	158	Horizontal
4	5904.60	48.77	17.18	83.39	34.62	181	86	Horizontal
5	5937.16	49.31	17.68	68.30	18.99	221	49	Horizontal

Final Data List



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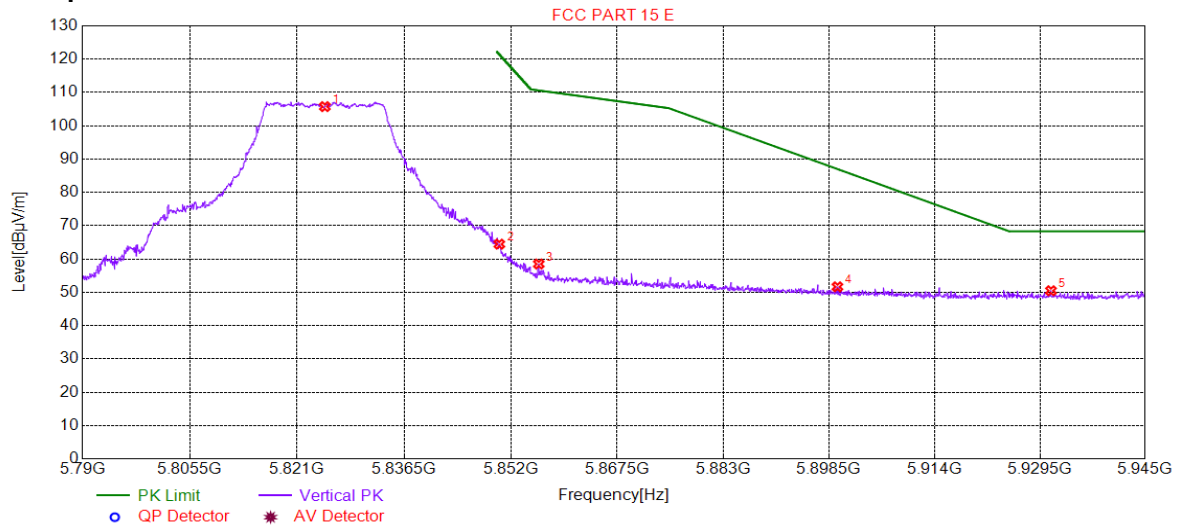
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4.10.1.36 802.11N20_Channel 165

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	105.75	17.23	0.00	-105.75	226	358	Vertical
2	5850.32	64.47	17.26	121.56	57.09	241	16	Vertical
3	5856.06	58.51	17.24	110.60	52.09	229	360	Vertical
4	5899.71	51.67	17.11	87.01	35.34	212	358	Vertical
5	5931.12	50.49	17.59	68.30	17.81	265	20	Vertical

Final Data List

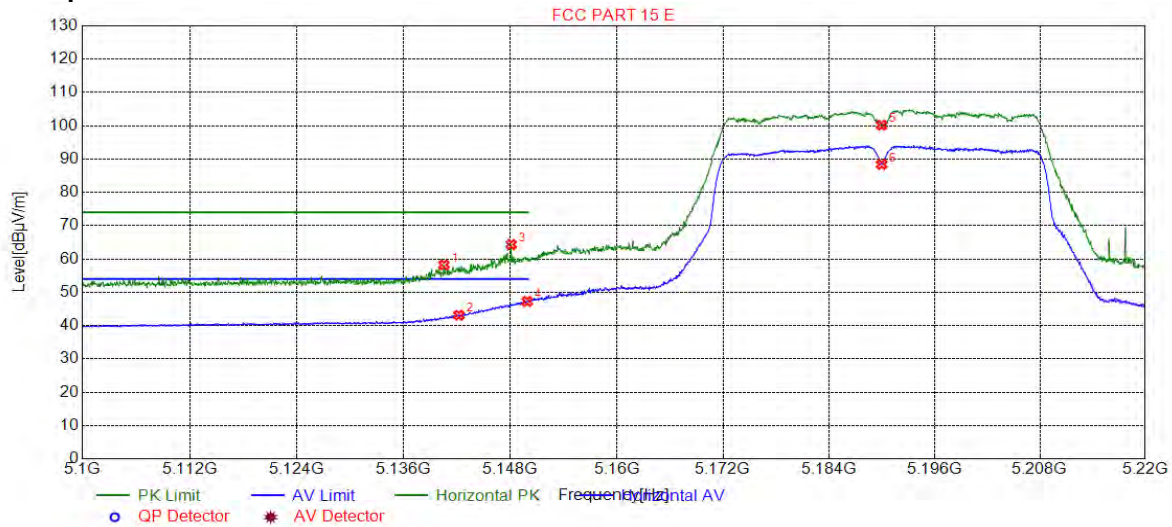


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4.10.1.37 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.52	58.26	15.44	74.00	15.74	150	341	Horizontal
2	5142.20	43.14	15.45	54.00	10.86	219	330	Horizontal
3	5148.08	64.37	15.50	74.00	9.63	234	341	Horizontal
4	5149.88	47.27	15.52	54.00	6.73	142	341	Horizontal
5	5190.00	100.18	15.58	0.00	-100.18	102	324	Horizontal
6	5190.00	88.39	15.58	0.00	-88.39	137	341	Horizontal

Final Data List



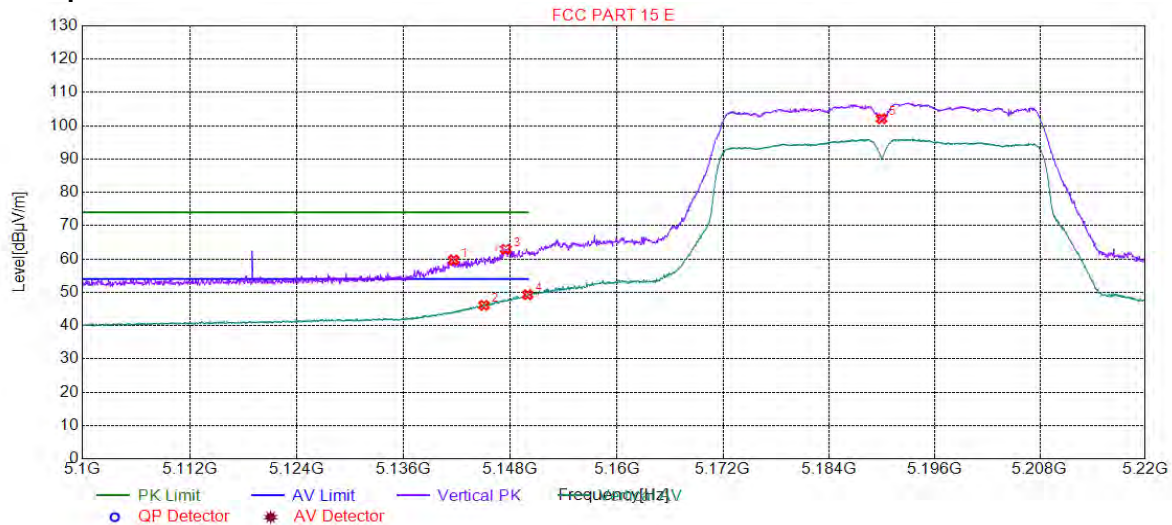
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4.10.1.38 802.11N40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.60	59.72	15.45	74.00	14.28	182	14	Vertical
2	5145.02	46.12	15.48	54.00	7.88	177	14	Vertical
3	5147.48	62.99	15.50	74.00	11.01	155	14	Vertical
4	5149.94	49.30	15.52	54.00	4.70	189	14	Vertical
5	5190.00	102.14	15.58	0.00	-102.14	195	14	Vertical

Final Data List



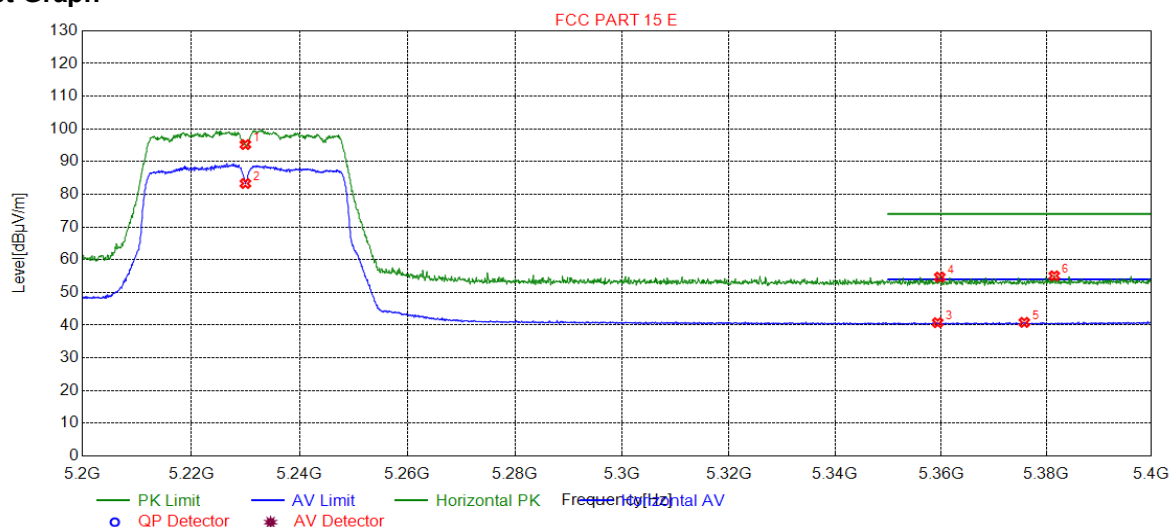
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4.10.1.39 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	95.24	15.51	0.00	-95.24	165	344	Horizontal
2	5230.00	83.32	15.51	0.00	-83.32	216	344	Horizontal
3	5359.37	40.78	16.00	54.00	13.22	135	85	Horizontal
4	5359.77	54.70	16.00	74.00	19.30	234	167	Horizontal
5	5375.78	40.86	16.10	54.00	13.14	145	167	Horizontal
6	5381.49	55.10	16.14	74.00	18.90	115	85	Horizontal

Final Data List

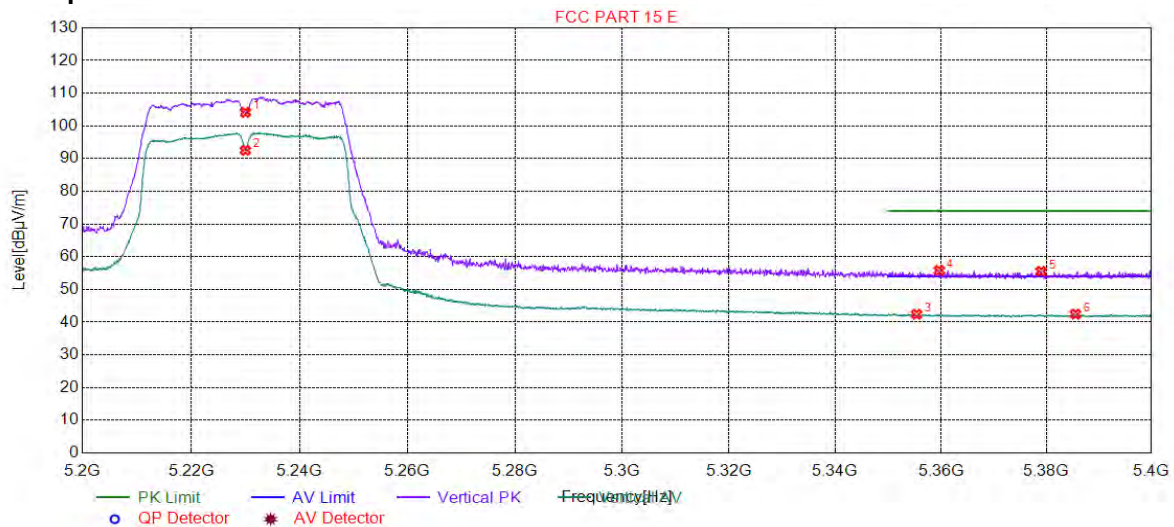


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4.10.1.40 802.11N40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5230.00	104.16	15.51	0.00	-104.16	162	16	Vertical
2	5230.00	92.51	15.51	0.00	-92.51	170	16	Vertical
3	5355.37	42.42	15.97	54.00	11.58	176	353	Vertical
4	5359.67	55.82	16.00	74.00	18.18	218	16	Vertical
5	5378.98	55.54	16.12	74.00	18.46	295	353	Vertical
6	5385.49	42.46	16.16	54.00	11.54	220	353	Vertical

Final Data List

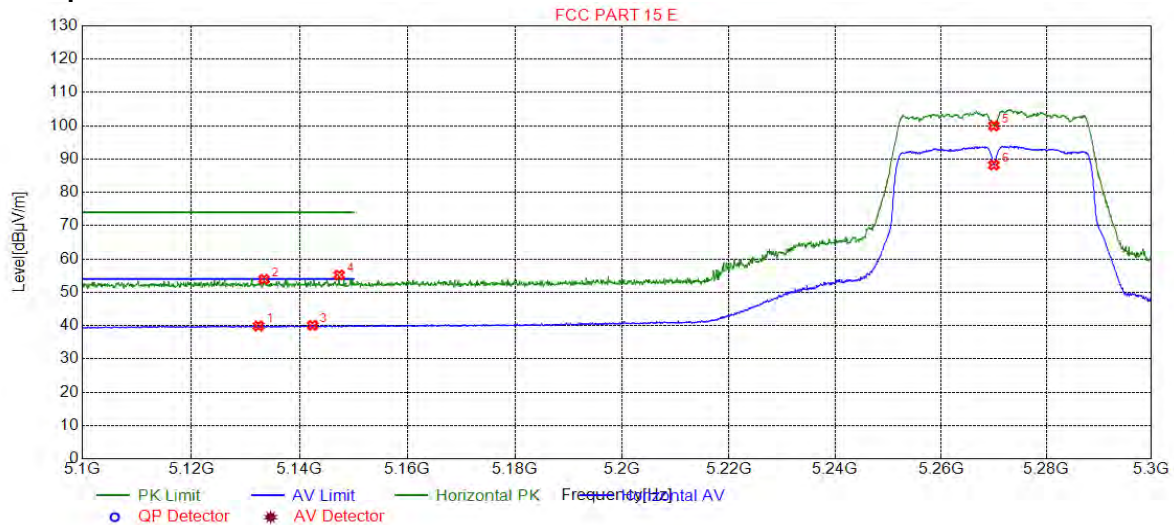


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4.10.1.41 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5132.41	39.93	15.37	54.00	14.07	208	12	Horizontal
2	5133.41	53.92	15.38	74.00	20.08	215	147	Horizontal
3	5142.42	40.09	15.45	54.00	13.91	244	344	Horizontal
4	5147.32	55.23	15.50	74.00	18.77	247	286	Horizontal
5	5270.00	99.96	15.56	0.00	-99.96	175	1	Horizontal
6	5270.00	88.22	15.56	0.00	-88.22	233	344	Horizontal

Final Data List



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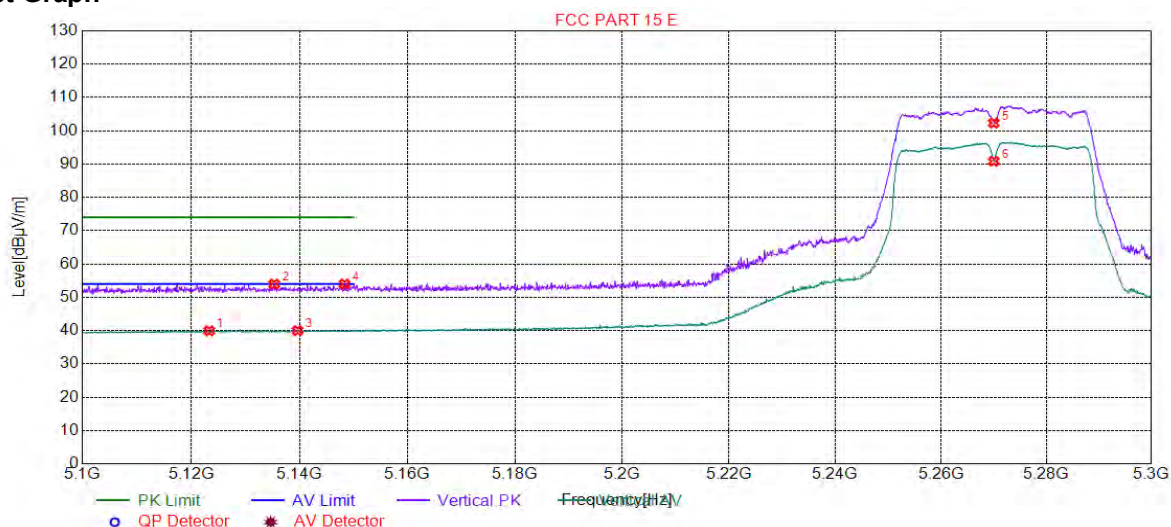
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4.10.1.42 802.11N40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5123.31	39.95	15.29	54.00	14.05	293	16	Vertical
2	5135.31	54.00	15.39	74.00	20.00	232	16	Vertical
3	5139.61	40.02	15.43	54.00	13.98	295	360	Vertical
4	5148.32	54.01	15.51	74.00	19.99	242	16	Vertical
5	5270.00	102.32	15.56	0.00	-102.32	277	16	Vertical
6	5270.00	90.85	15.56	0.00	-90.85	222	16	Vertical

Final Data List

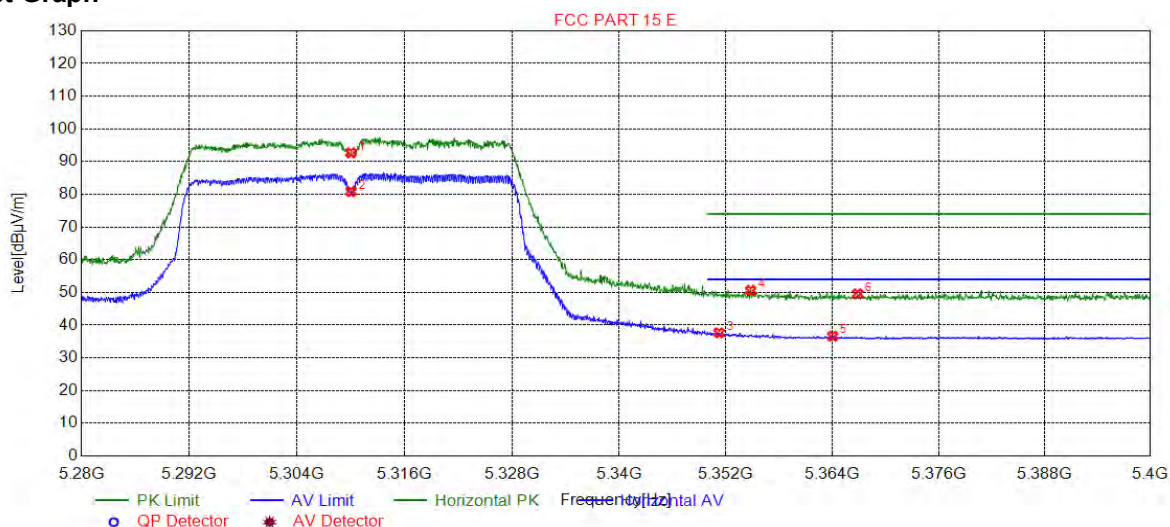


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4.10.1.43 802.11N40_Channel 62

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5310.00	92.71	15.75	0.00	-92.71	114	153	Horizontal
2	5310.00	80.85	15.75	0.00	-80.85	219	153	Horizontal
3	5351.25	37.67	15.95	54.00	16.33	144	153	Horizontal
4	5354.79	50.63	15.97	74.00	23.37	182	16	Horizontal
5	5364.04	36.66	16.03	54.00	17.34	216	97	Horizontal
6	5366.86	49.57	16.04	74.00	24.43	114	49	Horizontal

Final Data List

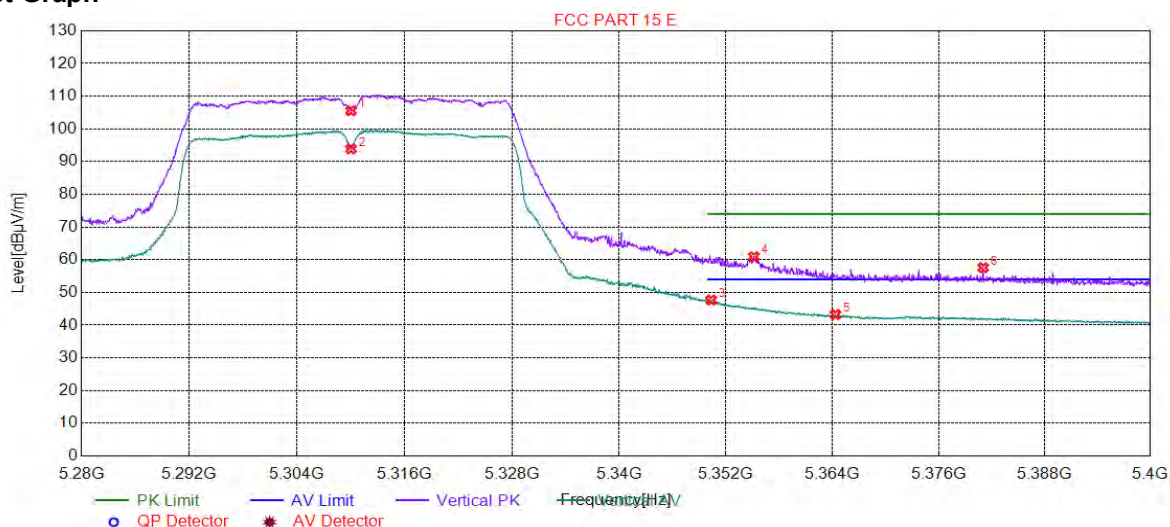


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4.10.1.44 802.11N40_Channel 62

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	105.57	15.75	0.00	-105.57	202	344	Vertical
2	5310.00	93.92	15.75	0.00	-93.92	159	344	Vertical
3	5350.35	47.68	15.94	54.00	6.32	218	344	Vertical
4	5355.15	60.96	15.97	74.00	13.04	258	338	Vertical
5	5364.34	43.25	16.03	54.00	10.75	201	344	Vertical
6	5381.03	57.60	16.13	74.00	16.40	272	51	Vertical

Final Data List

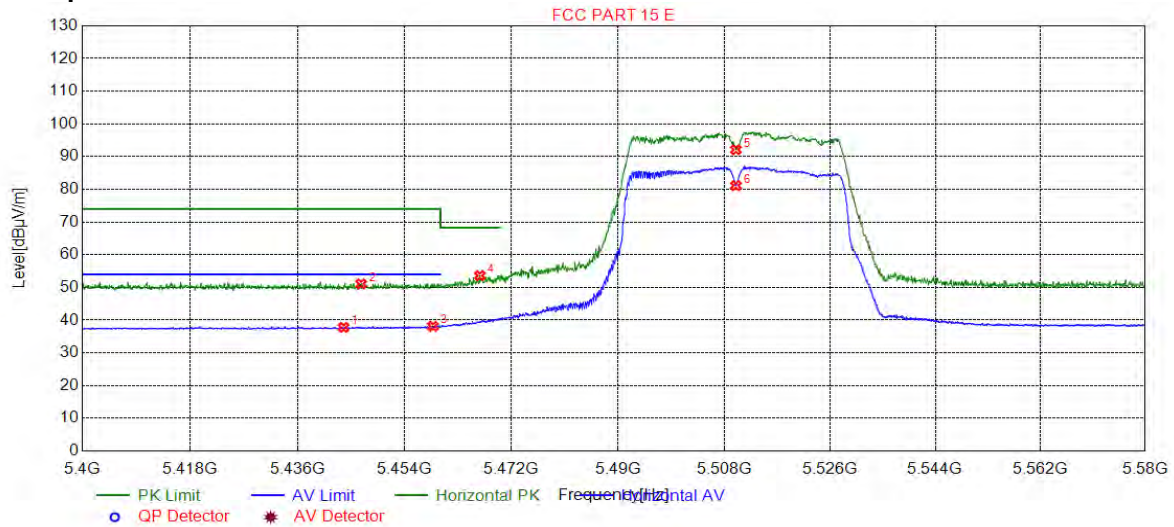


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4.10.1.45 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5443.67	37.79	16.25	54.00	16.21	218	167	Horizontal
2	5446.64	51.10	16.25	74.00	22.90	138	85	Horizontal
3	5458.70	38.14	16.25	54.00	15.86	210	153	Horizontal
4	5466.63	53.62	16.25	68.30	14.68	189	64	Horizontal
5	5510.00	92.12	16.28	0.00	-92.12	128	139	Horizontal
6	5510.00	81.13	16.28	0.00	-81.13	164	85	Horizontal

Final Data List



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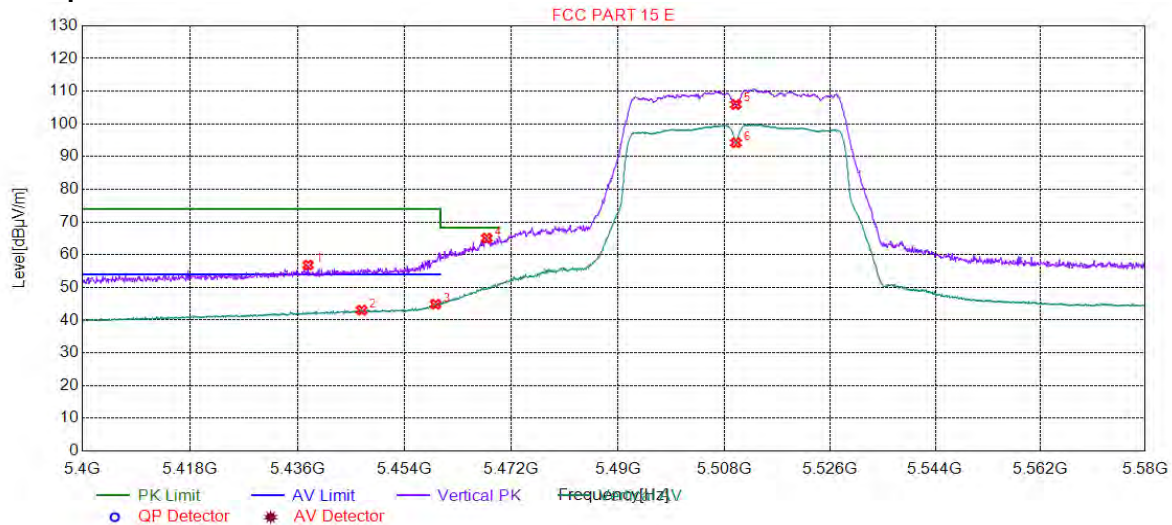
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4.10.1.46 802.11N40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5437.72	56.87	16.25	74.00	17.13	158	341	Vertical
2	5446.73	43.07	16.25	54.00	10.93	163	355	Vertical
3	5459.15	44.88	16.25	54.00	9.12	230	16	Vertical
4	5467.80	65.08	16.25	68.30	3.22	190	16	Vertical
5	5510.00	105.94	16.28	0.00	-105.94	211	16	Vertical
6	5510.00	94.22	16.28	0.00	-94.22	276	16	Vertical

Final Data List

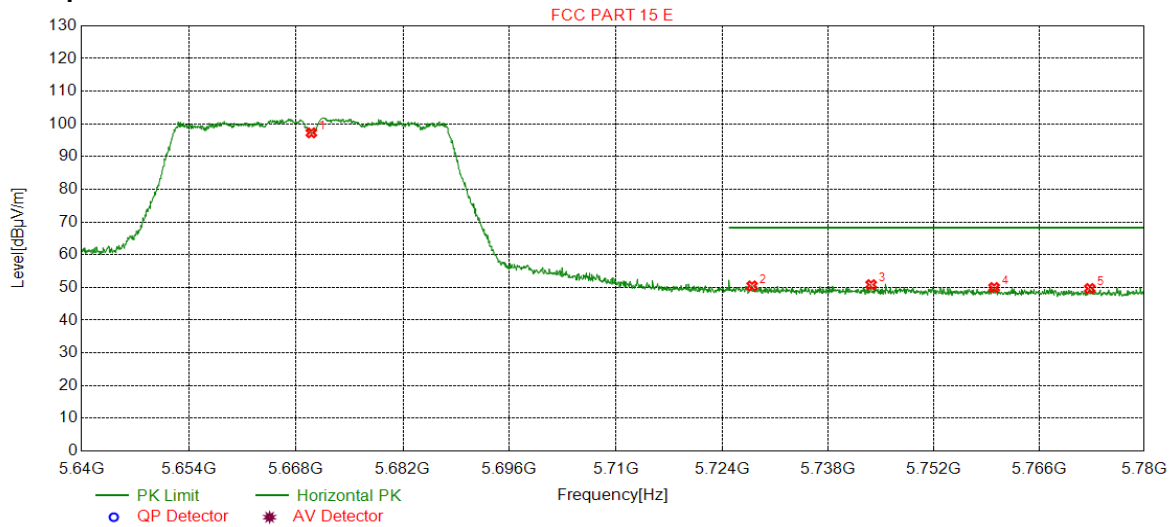


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4.10.1.47 802.11N40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	97.28	16.64	0.00	-97.28	106	59	Horizontal
2	5727.96	50.48	16.98	68.30	17.82	212	64	Horizontal
3	5743.72	50.86	17.08	68.30	17.44	179	7	Horizontal
4	5760.04	49.99	17.13	68.30	18.31	242	204	Horizontal
5	5772.78	49.68	17.15	68.30	18.62	223	7	Horizontal

Final Data List



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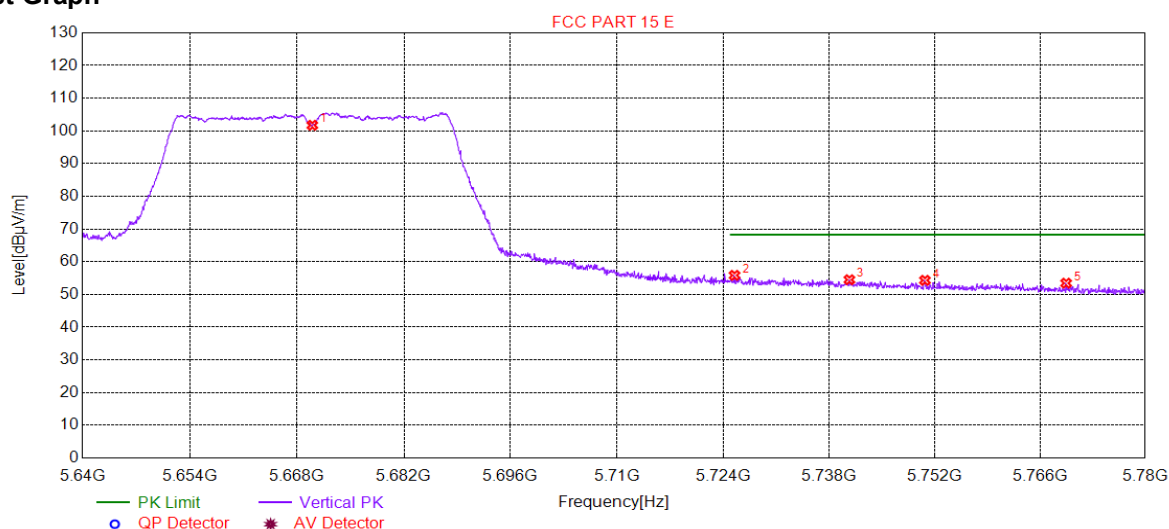
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4.10.1.48 802.11N40_Channel 134

Test Graph



Suspected List

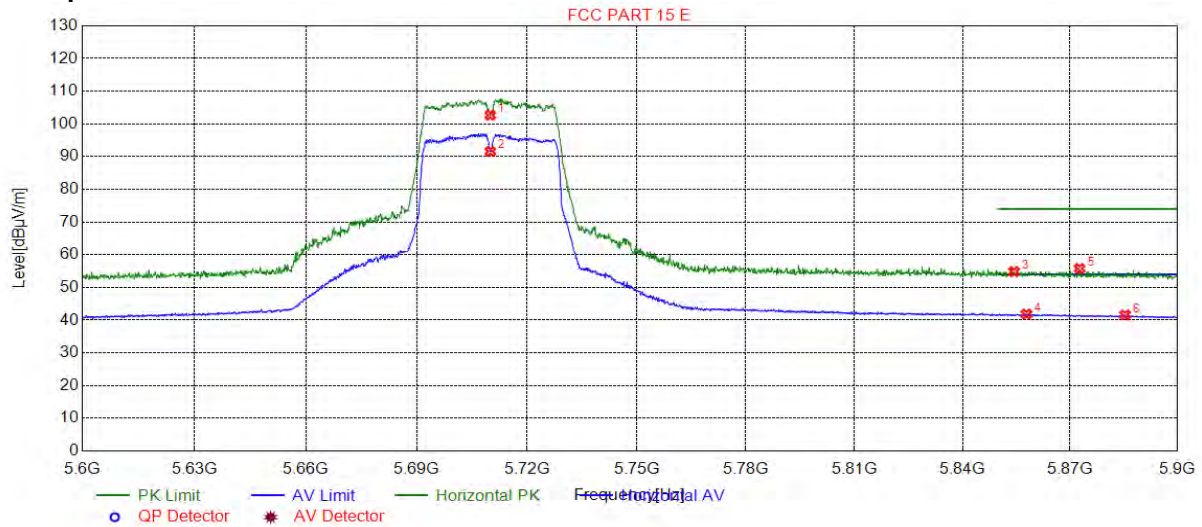
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	101.74	16.64	0.00	-101.74	229	330	Vertical
2	5725.51	55.85	16.96	68.30	12.45	276	348	Vertical
3	5740.71	54.51	17.06	68.30	13.79	186	359	Vertical
4	5750.72	54.33	17.12	68.30	13.97	258	16	Vertical
5	5769.49	53.46	17.15	68.30	14.84	263	325	Vertical

Final Data List



4.10.1.49 802.11N40_Channel 142

Test Graph



Suspected List

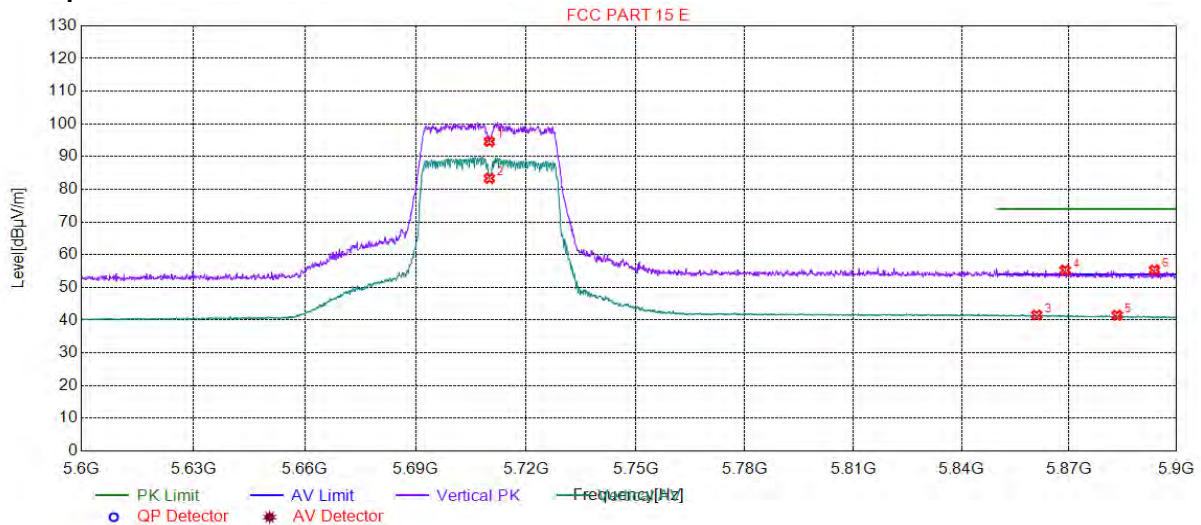
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	102.70	16.86	0.00	-102.70	219	338	Horizontal
2	5710.00	91.60	16.86	0.00	-91.60	235	318	Horizontal
3	5854.37	54.83	17.25	74.00	19.17	147	111	Horizontal
4	5857.82	41.86	17.24	54.00	12.14	205	325	Horizontal
5	5872.68	55.80	17.19	74.00	18.20	156	290	Horizontal
6	5885.44	41.61	17.15	54.00	12.39	187	338	Horizontal

Final Data List



4.10.1.50 802.11N40_Channel 142

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5710.00	94.63	16.86	0.00	-94.63	212	198	Vertical
2	5710.00	83.38	16.86	0.00	-83.38	177	205	Vertical
3	5860.98	41.58	17.23	54.00	12.42	190	246	Vertical
4	5868.93	55.29	17.20	74.00	18.71	253	266	Vertical
5	5883.49	41.52	17.16	54.00	12.48	209	246	Vertical
6	5893.99	55.37	17.13	74.00	18.63	160	198	Vertical

Final Data List



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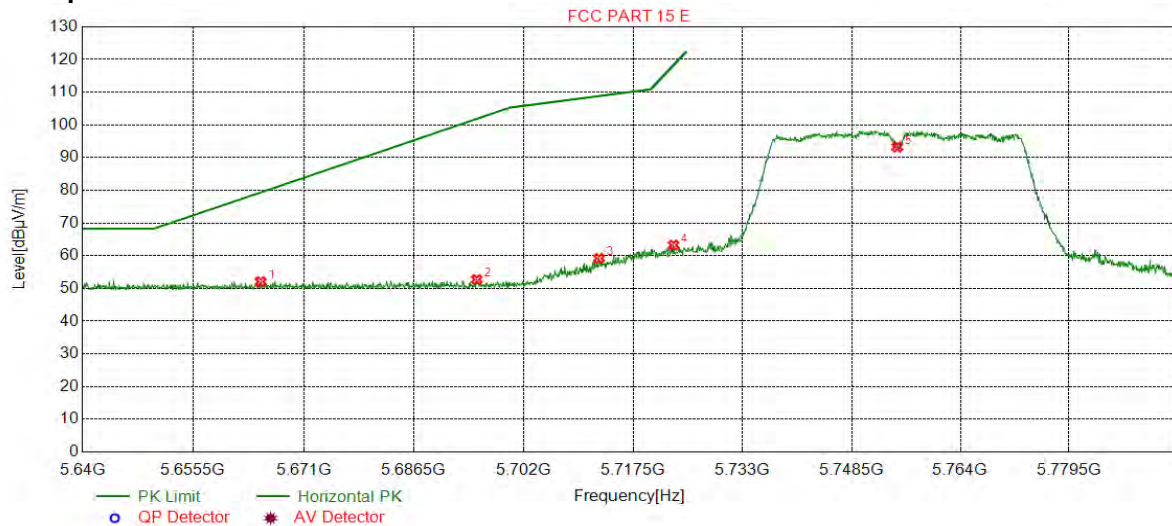
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4.10.1.51 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5664.96	52.11	16.61	79.38	27.27	214	21	Horizontal
2	5695.36	52.74	16.77	101.87	49.13	113	10	Horizontal
3	5712.65	59.21	16.88	108.84	49.63	154	133	Horizontal
4	5723.19	63.24	16.95	118.19	54.95	151	133	Horizontal
5	5755.00	93.26	17.13	0.00	-93.26	122	133	Horizontal

Final Data List

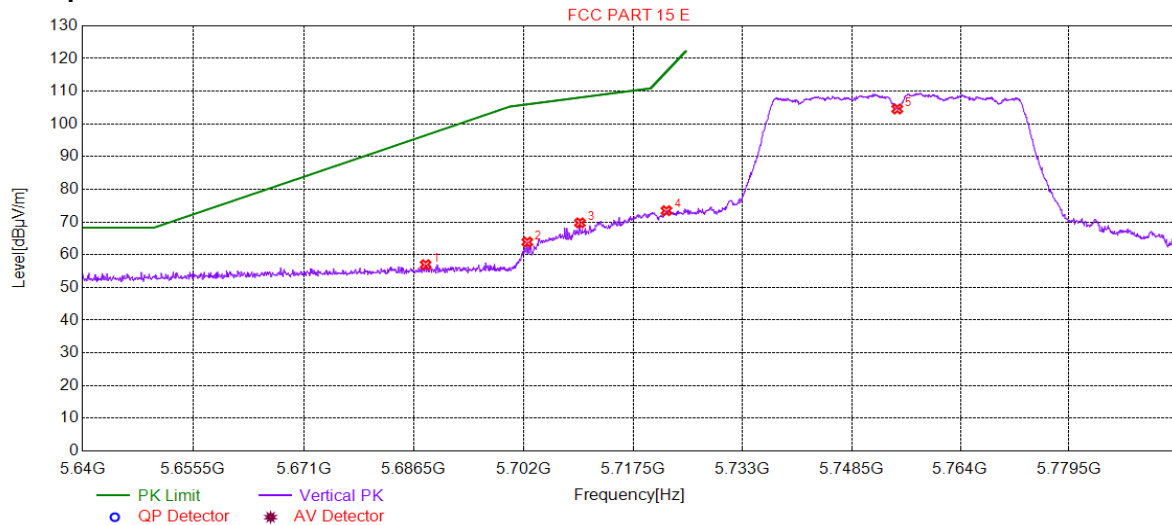


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4.10.1.52 802.11N40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5688.15	56.98	16.74	96.53	39.55	228	360	Vertical
2	5702.49	63.89	16.82	106.00	42.11	264	280	Vertical
3	5709.94	69.76	16.86	108.08	38.32	185	24	Vertical
4	5722.19	73.48	16.94	115.90	42.42	210	332	Vertical
5	5755.00	104.59	17.13	0.00	-104.59	271	280	Vertical

Final Data List



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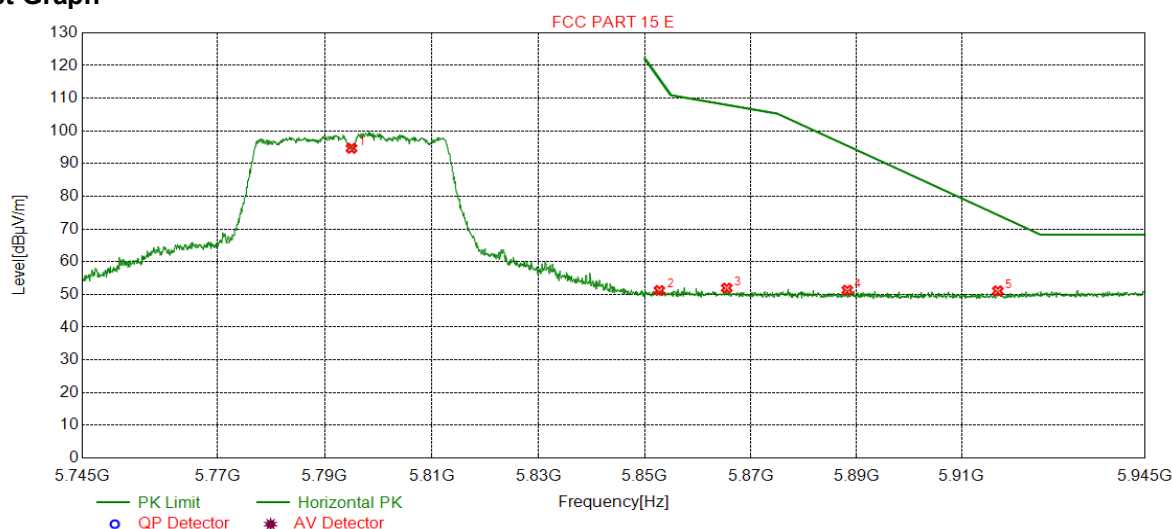
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4.10.1.53 802.11N40_Channel 159

Test Graph



Suspected List

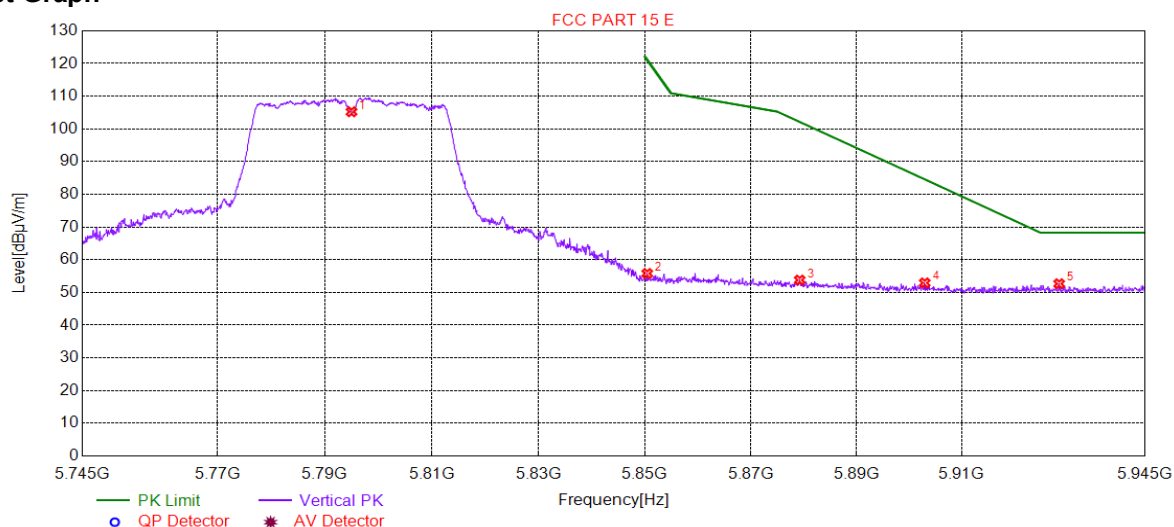
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	94.69	17.18	0.00	-94.69	217	148	Horizontal
2	5852.75	51.22	17.25	116.02	64.80	129	318	Horizontal
3	5865.46	51.98	17.21	107.97	55.99	182	143	Horizontal
4	5888.27	51.32	17.15	95.48	44.16	180	143	Horizontal
5	5916.88	51.11	17.37	74.30	23.19	210	231	Horizontal

Final Data List



4.10.1.54 802.11N40_Channel 159

Test Graph



Suspected List

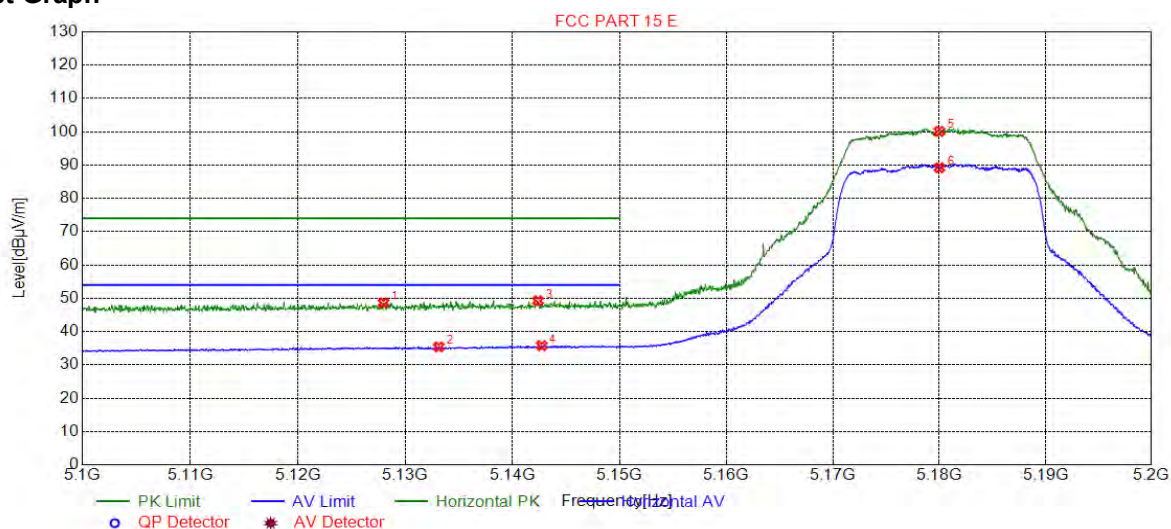
Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5795.00	105.25	17.18	0.00	-105.25	152	326	Vertical
2	5850.45	55.80	17.26	121.27	65.47	190	335	Vertical
3	5879.26	53.80	17.17	102.14	48.34	287	16	Vertical
4	5902.97	52.94	17.16	84.60	31.66	276	335	Vertical
5	5928.59	52.68	17.55	68.30	15.62	203	16	Vertical

Final Data List



4.10.1.55 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.96	48.65	15.33	74.00	25.35	216	183	Horizontal
2	5133.11	35.45	15.37	54.00	18.55	213	90	Horizontal
3	5142.37	49.26	15.45	74.00	24.74	175	73	Horizontal
4	5142.72	35.80	15.46	54.00	18.20	182	336	Horizontal
5	5180.00	100.14	15.56	0.00	-100.14	143	336	Horizontal
6	5180.00	89.21	15.56	0.00	-89.21	113	336	Horizontal

Final Data List

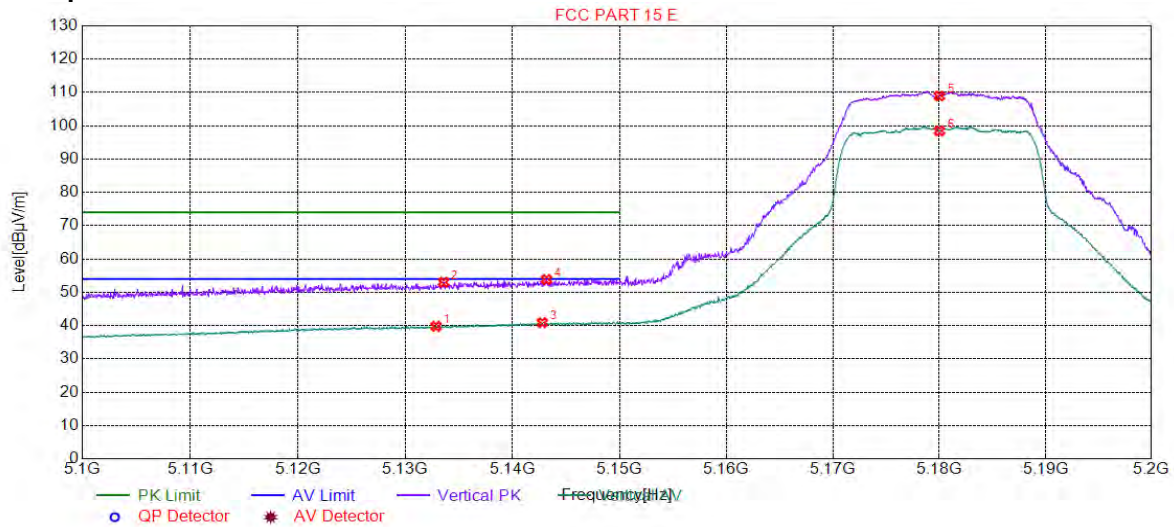


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4.10.1.56 802.11AC20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5132.86	39.81	15.37	54.00	14.19	194	346	Vertical
2	5133.56	53.04	15.38	74.00	20.96	218	325	Vertical
3	5142.77	40.90	15.46	54.00	13.10	199	341	Vertical
4	5143.17	53.85	15.46	74.00	20.15	181	341	Vertical
5	5180.00	108.93	15.56	0.00	-108.93	158	325	Vertical
6	5180.00	98.45	15.56	0.00	-98.45	177	341	Vertical

Final Data List



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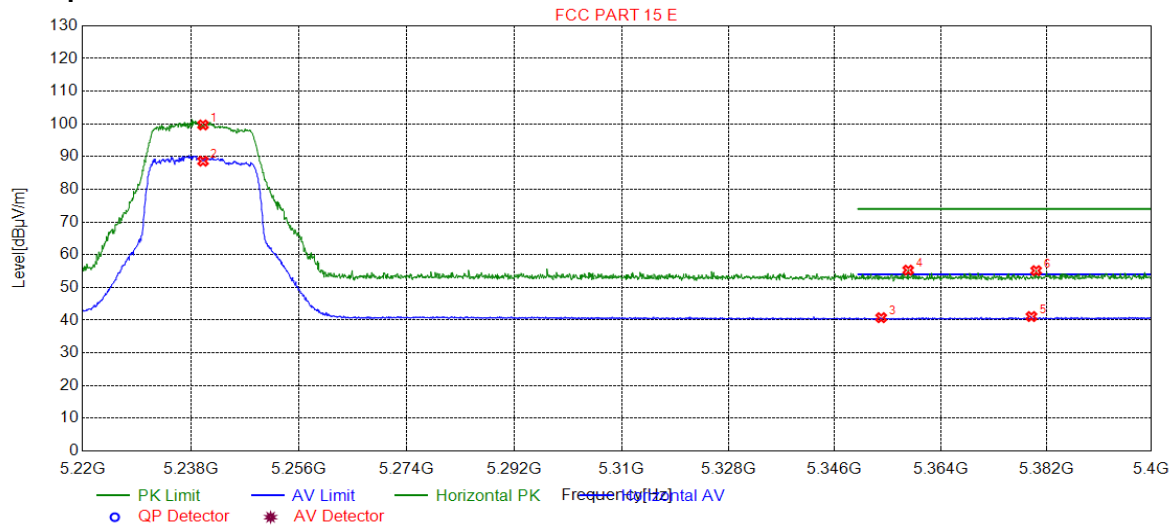
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4.10.1.57 802.11AC20_Channel 48

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	99.69	15.49	0.00	-99.69	144	194	Horizontal
2	5240.00	88.62	15.49	0.00	-88.62	212	187	Horizontal
3	5353.89	40.77	15.96	54.00	13.23	150	277	Horizontal
4	5358.48	55.30	15.99	74.00	18.70	225	187	Horizontal
5	5379.46	41.12	16.12	54.00	12.88	126	111	Horizontal
6	5380.28	55.16	16.13	74.00	18.84	210	146	Horizontal

Final Data List



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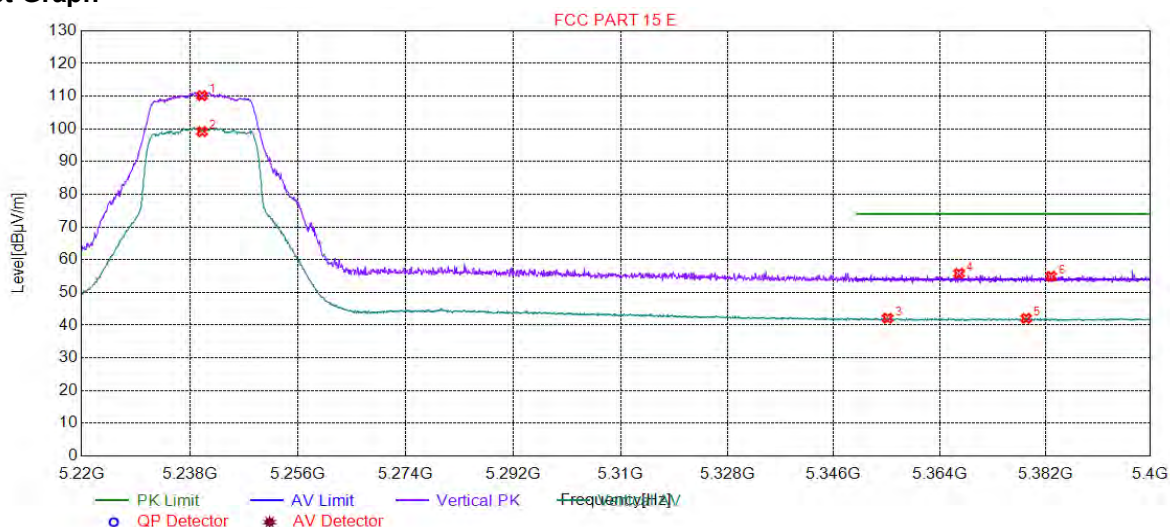
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4.10.1.58 802.11AC20_Channel 48

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	110.17	15.49	0.00	-110.17	246	344	Vertical
2	5240.00	99.20	15.49	0.00	-99.20	290	344	Vertical
3	5355.15	42.12	15.97	54.00	11.88	160	291	Vertical
4	5367.31	55.84	16.05	74.00	18.16	167	344	Vertical
5	5378.74	42.09	16.12	54.00	11.91	209	344	Vertical
6	5382.98	54.93	16.14	74.00	19.07	285	312	Vertical

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