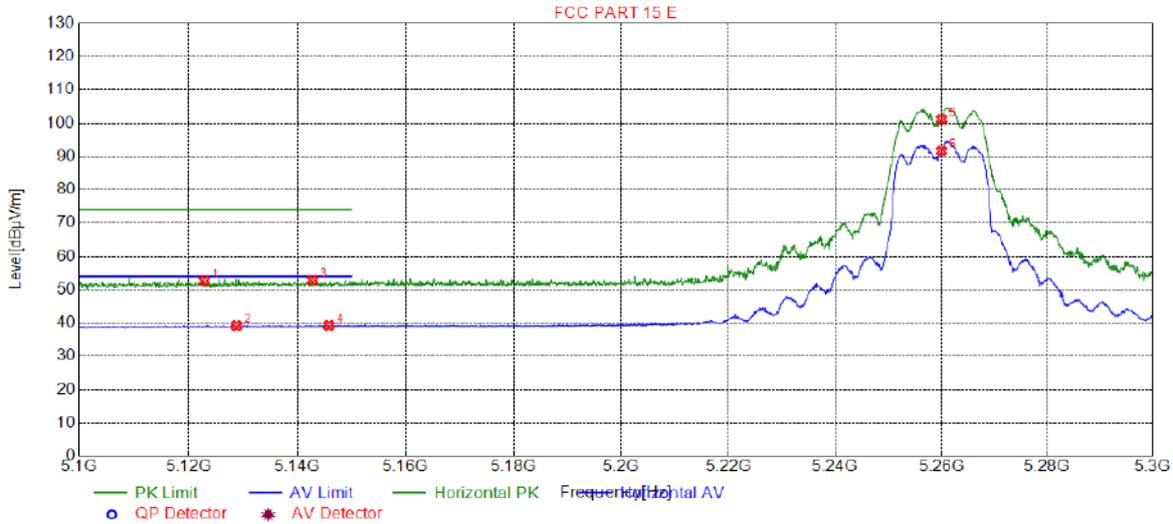


**4.10.1.5 802.11A\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5122.91	52.68	15.29	74.00	21.32	176	174	Horizontal
2	5128.81	39.20	15.34	54.00	14.80	211	126	Horizontal
3	5142.82	52.84	15.46	74.00	21.16	223	29	Horizontal
4	5145.82	39.25	15.48	54.00	14.75	122	64	Horizontal
5	5260.00	101.17	15.51	0.00	-101.17	136	168	Horizontal
6	5260.00	91.70	15.51	0.00	-91.70	127	64	Horizontal

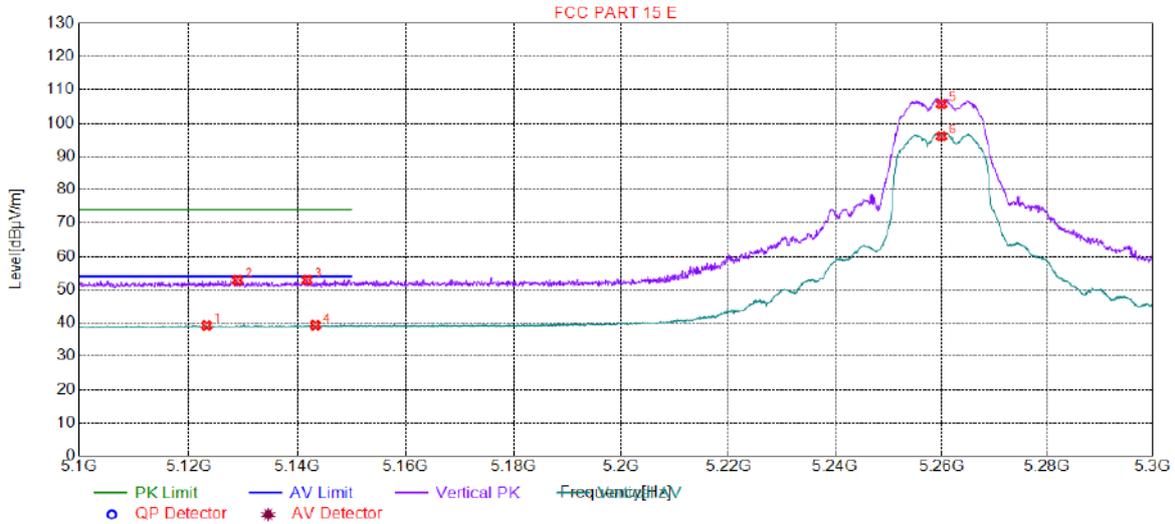
**Final Data List**



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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	5123.31	39.26	15.29	54.00	14.74	299	256	Vertical
2	5129.01	52.84	15.34	74.00	21.16	259	222	Vertical
3	5141.82	52.92	15.45	74.00	21.08	256	167	Vertical
4	5143.32	39.34	15.46	54.00	14.66	151	57	Vertical
5	5260.00	105.76	15.51	0.00	-105.76	193	338	Vertical
6	5260.00	96.08	15.51	0.00	-96.08	164	344	Vertical

Final Data List

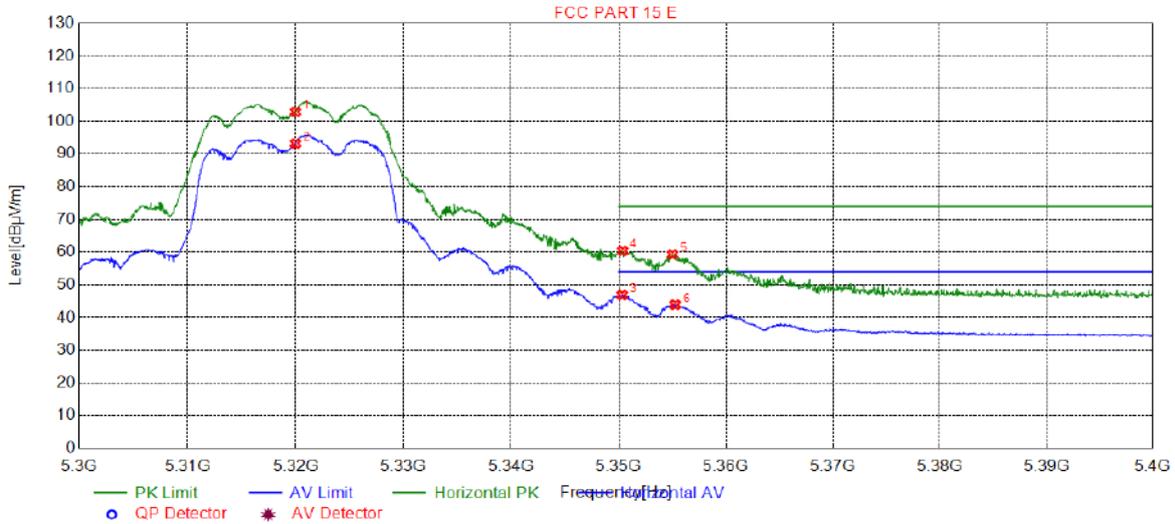


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4.10.1.7 802.11A\_Channel 64

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	102.90	15.80	0.00	-102.90	160	63	Horizontal
2	5320.00	93.19	15.80	0.00	-93.19	130	63	Horizontal
3	5350.32	46.90	15.94	54.00	7.10	228	70	Horizontal
4	5350.37	60.42	15.94	74.00	13.58	170	83	Horizontal
5	5355.02	59.33	15.97	74.00	14.67	213	83	Horizontal
6	5355.27	43.94	15.97	54.00	10.06	248	70	Horizontal

Final Data List

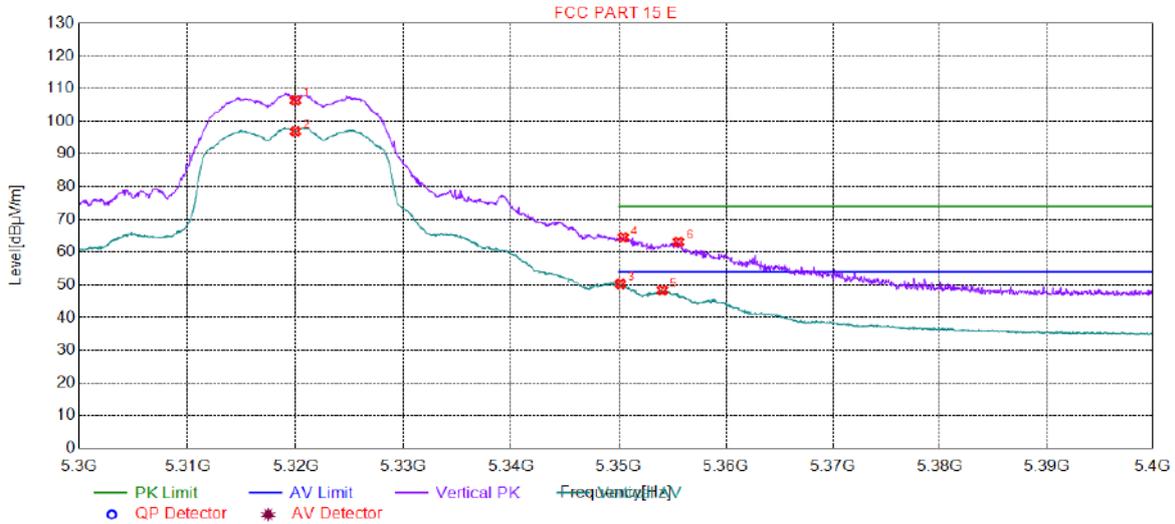


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4.10.1.8 802.11A\_Channel 64

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	106.45	15.80	0.00	-106.45	240	344	Vertical
2	5320.00	96.95	15.80	0.00	-96.95	264	344	Vertical
3	5350.17	50.26	15.94	54.00	3.74	270	344	Vertical
4	5350.42	64.51	15.94	74.00	9.49	190	344	Vertical
5	5354.07	48.39	15.97	54.00	5.61	289	21	Vertical
6	5355.57	63.12	15.97	74.00	10.88	274	331	Vertical

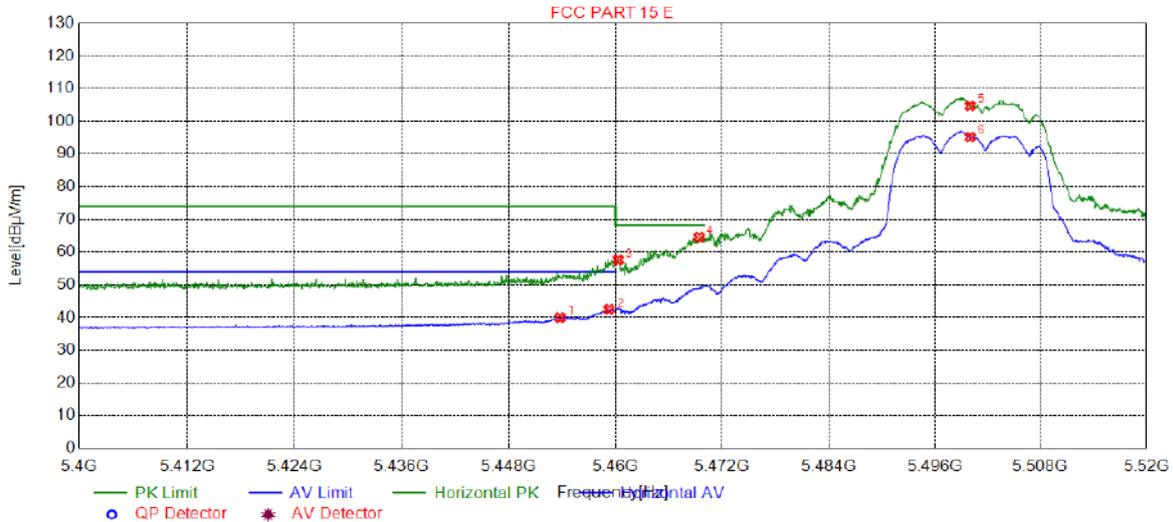
Final Data List



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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	5453.72	39.98	16.25	54.00	14.02	220	152	Horizontal
2	5459.24	42.49	16.25	54.00	11.51	199	202	Horizontal
3	5460.27	57.61	16.25	68.30	10.69	218	207	Horizontal
4	5469.39	64.52	16.25	68.30	3.78	177	157	Horizontal
5	5500.00	104.74	16.25	0.00	-104.74	222	202	Horizontal
6	5500.00	95.17	16.25	0.00	-95.17	133	202	Horizontal

**Final Data List**

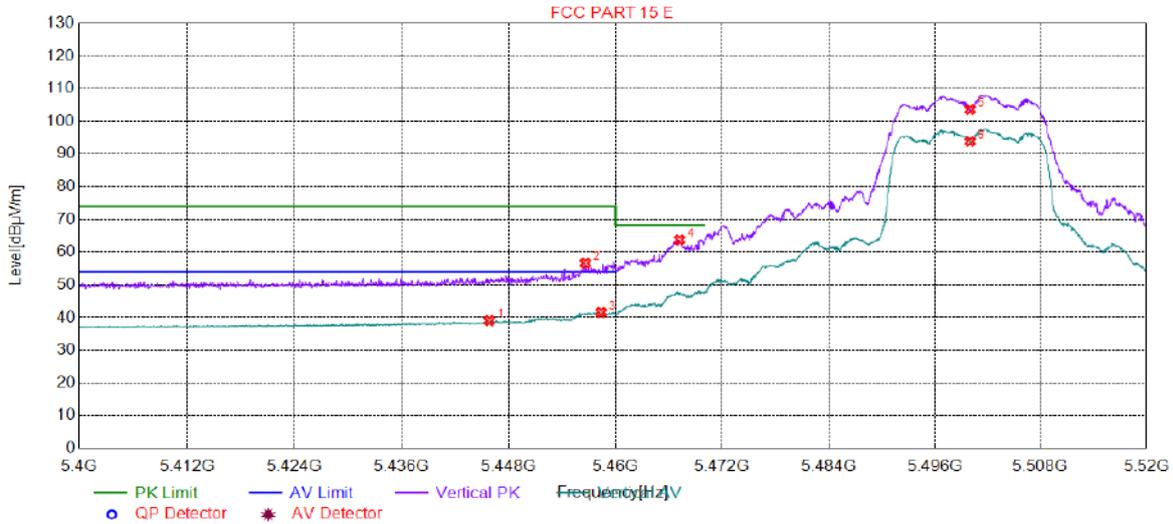


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**4.10.1.10 802.11A\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.80	39.06	16.25	54.00	14.94	224	20	Vertical
2	5456.60	56.62	16.25	74.00	17.38	190	31	Vertical
3	5458.34	41.55	16.25	54.00	12.45	238	346	Vertical
4	5467.17	63.75	16.25	68.30	4.55	257	15	Vertical
5	5500.00	103.63	16.25	0.00	-103.63	233	147	Vertical
6	5500.00	93.86	16.25	0.00	-93.86	206	147	Vertical

**Final Data List**

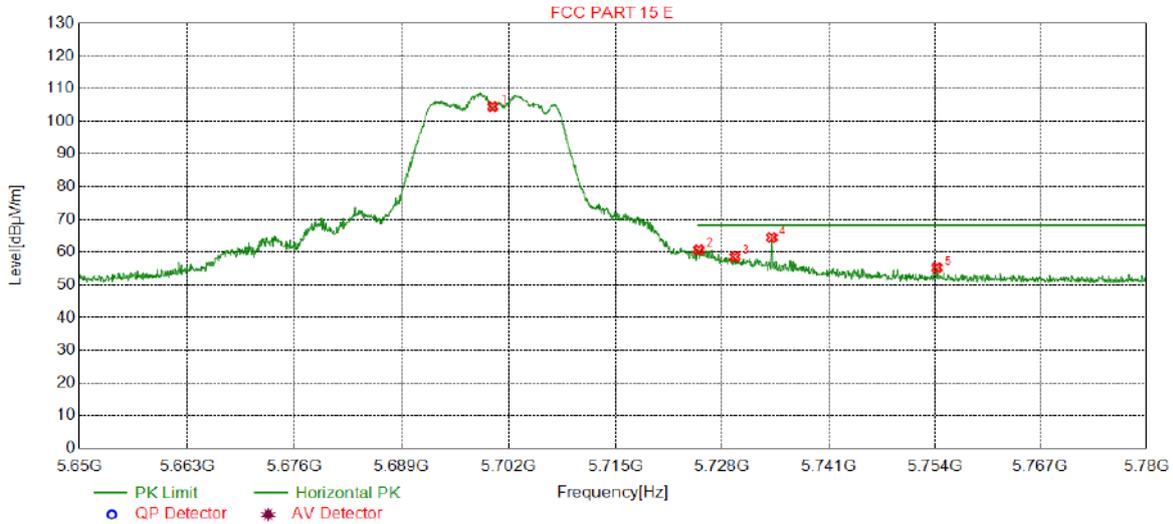


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**4.10.1.11 802.11A\_Channel 140**

**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	104.51	16.80	0.00	-104.51	200	200	Horizontal
2	5725.11	60.77	16.96	68.30	7.53	233	75	Horizontal
3	5729.53	58.57	16.99	68.30	9.73	217	80	Horizontal
4	5734.02	64.45	17.02	68.30	3.85	227	75	Horizontal
5	5754.24	55.24	17.13	68.30	13.06	152	70	Horizontal

**Final Data List**

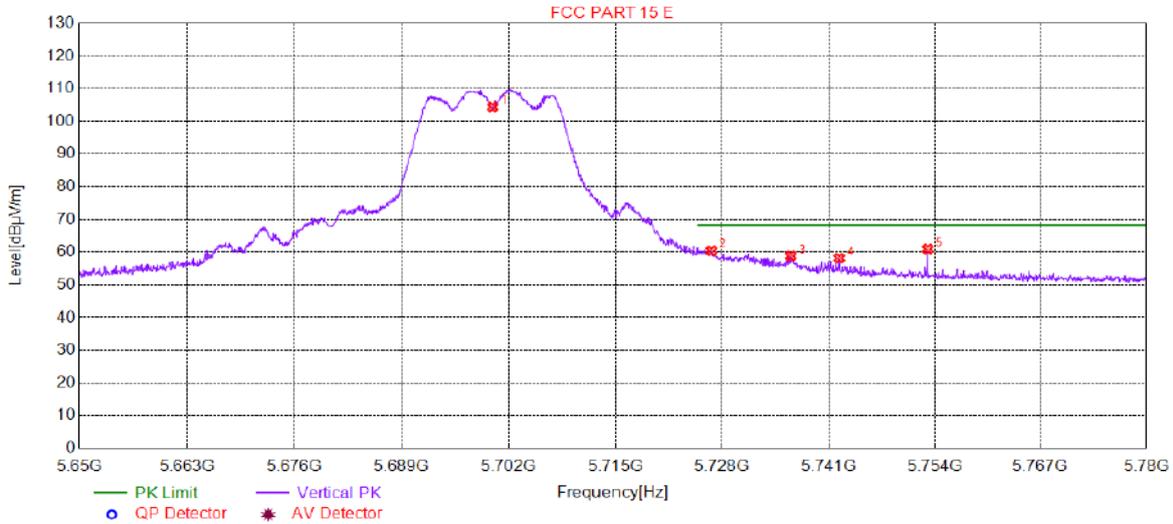


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**4.10.1.12 802.11A\_Channel 140**

**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	104.39	16.80	0.00	-104.39	215	26	Vertical
2	5726.67	60.46	16.97	68.30	7.84	223	276	Vertical
3	5736.36	58.85	17.03	68.30	9.45	166	21	Vertical
4	5742.28	58.17	17.07	68.30	10.13	242	30	Vertical
5	5753.14	60.94	17.12	68.30	7.36	176	257	Vertical

**Final Data List**

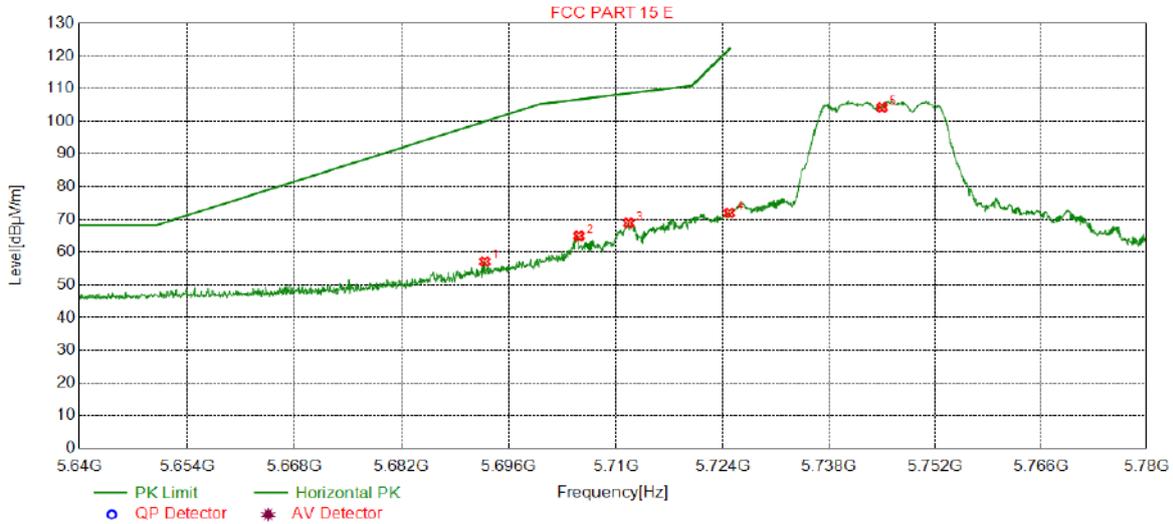


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**4.10.1.13 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5692.80	57.10	16.76	99.98	42.88	112	76	Horizontal
2	5705.13	64.94	16.83	106.74	41.80	162	76	Horizontal
3	5711.64	68.94	16.87	108.56	39.62	130	81	Horizontal
4	5724.88	71.97	16.96	122.03	50.06	164	76	Horizontal
5	5745.00	104.26	17.09	0.00	-104.26	207	85	Horizontal

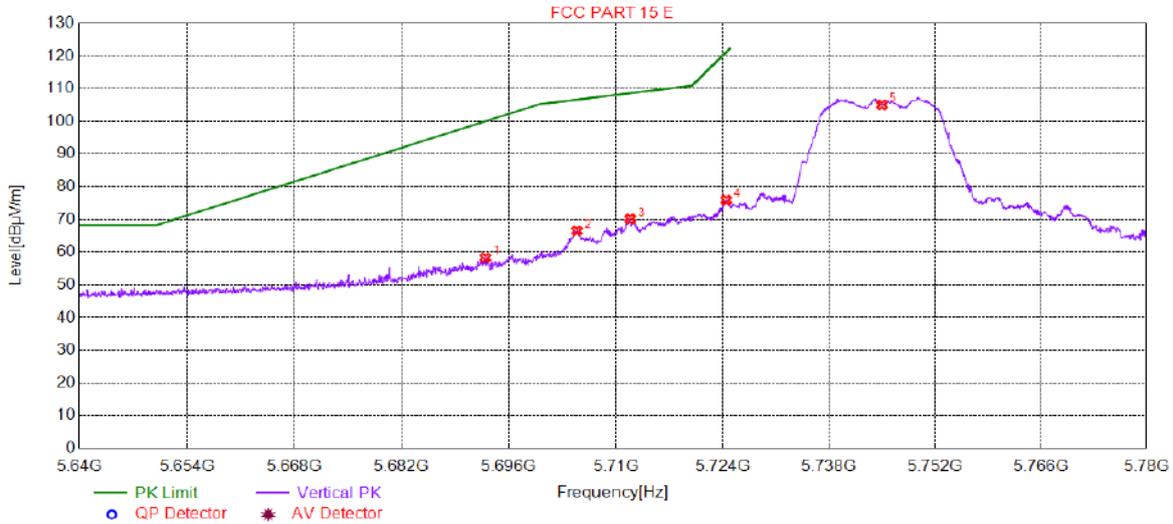
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**4.10.1.14 802.11A\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5692.87	58.29	16.76	100.03	41.74	273	30	Vertical
2	5704.85	66.53	16.83	106.66	40.13	181	345	Vertical
3	5711.85	70.15	16.88	108.62	38.47	207	340	Vertical
4	5724.46	75.94	16.96	121.07	45.13	289	21	Vertical
5	5745.00	105.05	17.09	0.00	-105.05	280	345	Vertical

**Final Data List**

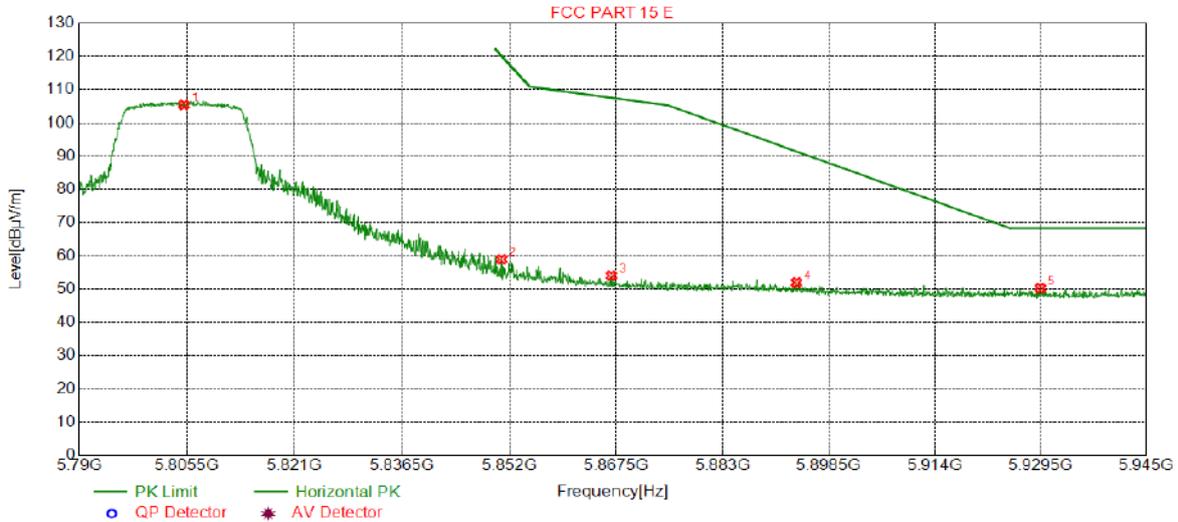


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4.10.1.15 802.11A\_Channel 161

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	105.45	17.20	0.00	-105.45	247	212	Horizontal
2	5850.86	58.96	17.26	120.32	61.36	129	216	Horizontal
3	5866.76	54.11	17.21	107.61	53.50	160	221	Horizontal
4	5893.74	51.97	17.13	91.43	39.46	151	225	Horizontal
5	5929.41	50.28	17.56	68.30	18.02	197	221	Horizontal

Final Data List

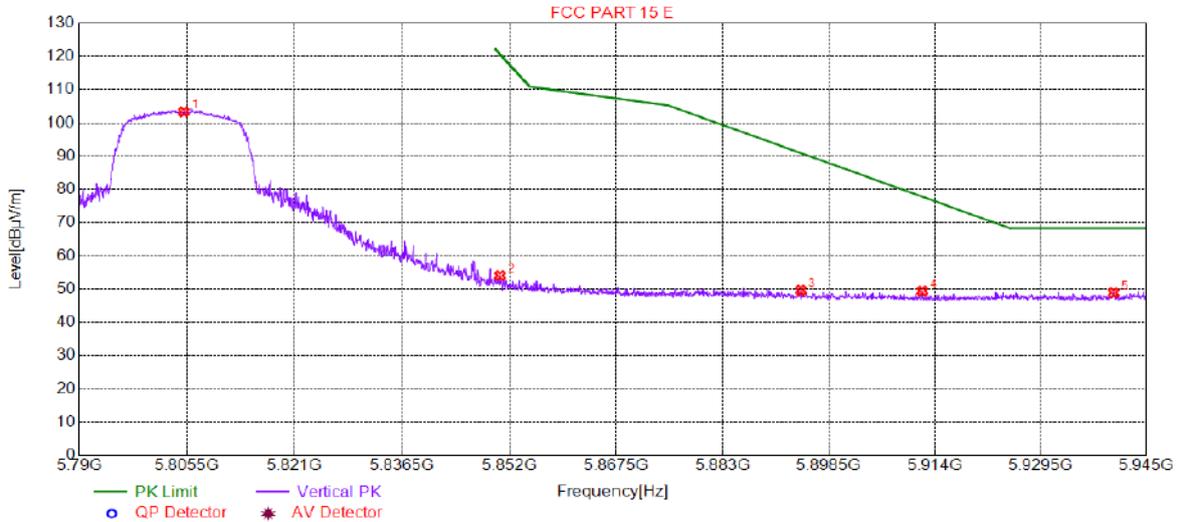


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**4.10.1.16 802.11A\_Channel 161**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	103.30	17.20	0.00	-103.30	222	312	Vertical
2	5850.63	54.12	17.26	120.85	66.73	214	276	Vertical
3	5894.36	49.67	17.13	90.97	41.30	154	2	Vertical
4	5912.12	49.44	17.30	77.83	28.39	288	294	Vertical
5	5940.19	48.93	17.73	68.30	19.37	250	289	Vertical

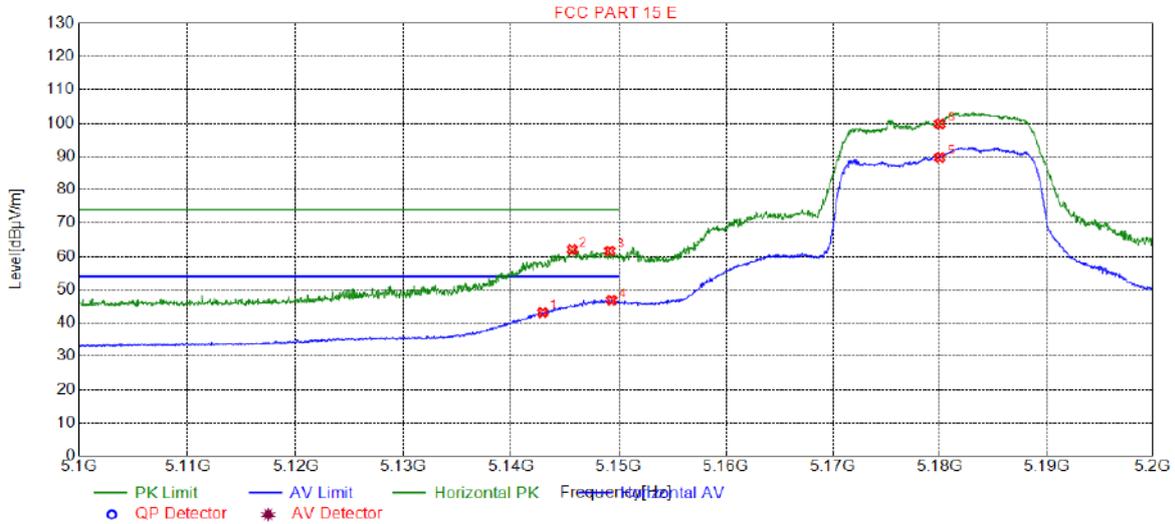
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**4.10.1.17 802.11N20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5142.92	43.14	15.46	54.00	10.86	241	162	Horizontal
2	5145.67	62.08	15.48	74.00	11.92	102	157	Horizontal
3	5149.17	61.66	15.51	74.00	12.34	172	157	Horizontal
4	5149.32	46.86	15.51	54.00	7.14	132	157	Horizontal
5	5180.00	89.69	15.56	0.00	-89.69	198	157	Horizontal
6	5180.00	99.77	15.56	0.00	-99.77	223	157	Horizontal

**Final Data List**

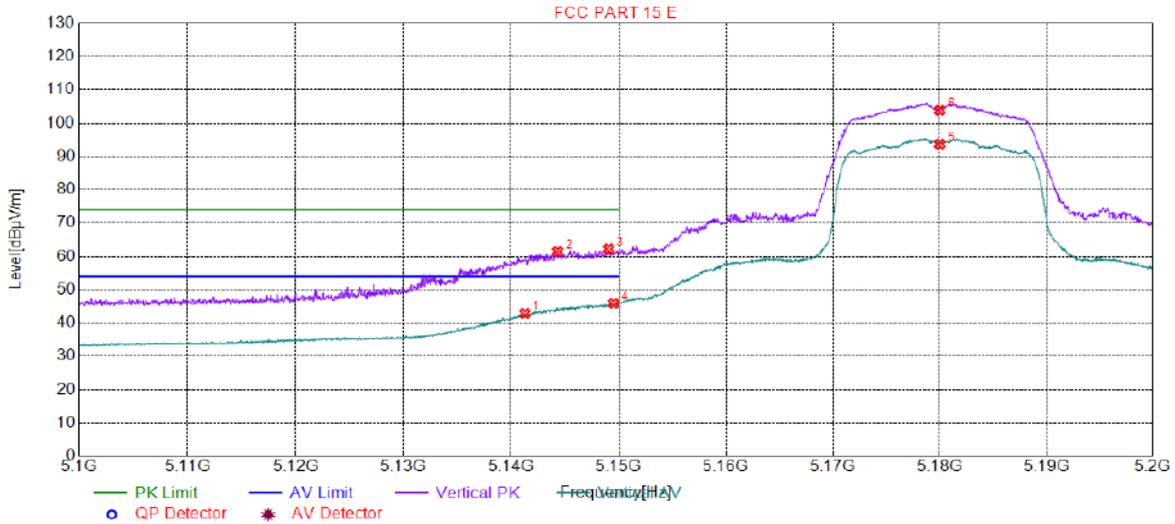


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4.10.1.18 802.11N20\_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5141.27	42.89	15.44	54.00	11.11	207	336	Vertical
2	5144.32	61.51	15.47	74.00	12.49	240	336	Vertical
3	5149.07	62.26	15.51	74.00	11.74	189	330	Vertical
4	5149.52	45.91	15.52	54.00	8.09	181	264	Vertical
5	5180.00	93.69	15.56	0.00	-93.69	285	346	Vertical
6	5180.00	103.89	15.56	0.00	-103.89	276	336	Vertical

Final Data List

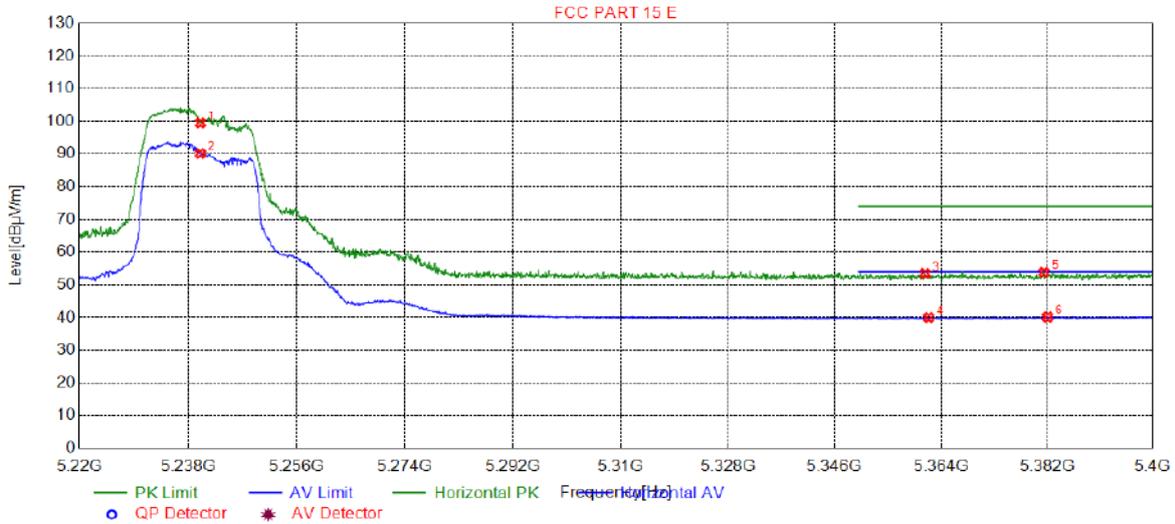


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**4.10.1.19 802.11N20\_Channel 48**

**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	99.55	15.49	0.00	-99.55	177	158	Horizontal
2	5240.00	90.20	15.49	0.00	-90.20	233	158	Horizontal
3	5361.28	53.48	16.01	74.00	20.52	124	336	Horizontal
4	5361.91	39.99	16.01	54.00	14.01	144	70	Horizontal
5	5381.45	53.83	16.13	74.00	20.17	247	103	Horizontal
6	5382.08	40.13	16.14	54.00	13.87	232	16	Horizontal

**Final Data List**

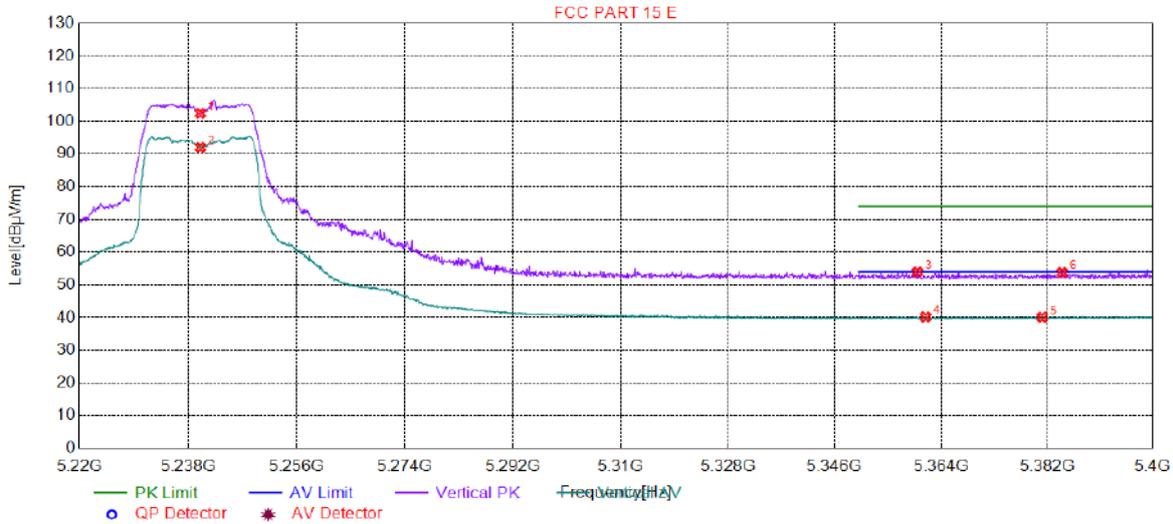


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**4.10.1.20 802.11N20\_Channel 48**

**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	102.44	15.49	0.00	-102.44	159	318	Vertical
2	5240.00	92.06	15.49	0.00	-92.06	291	318	Vertical
3	5360.02	53.96	16.00	74.00	20.04	236	57	Vertical
4	5361.37	40.17	16.01	54.00	13.83	152	311	Vertical
5	5381.18	40.09	16.13	54.00	13.91	215	151	Vertical
6	5384.51	53.81	16.15	74.00	20.19	197	3	Vertical

**Final Data List**

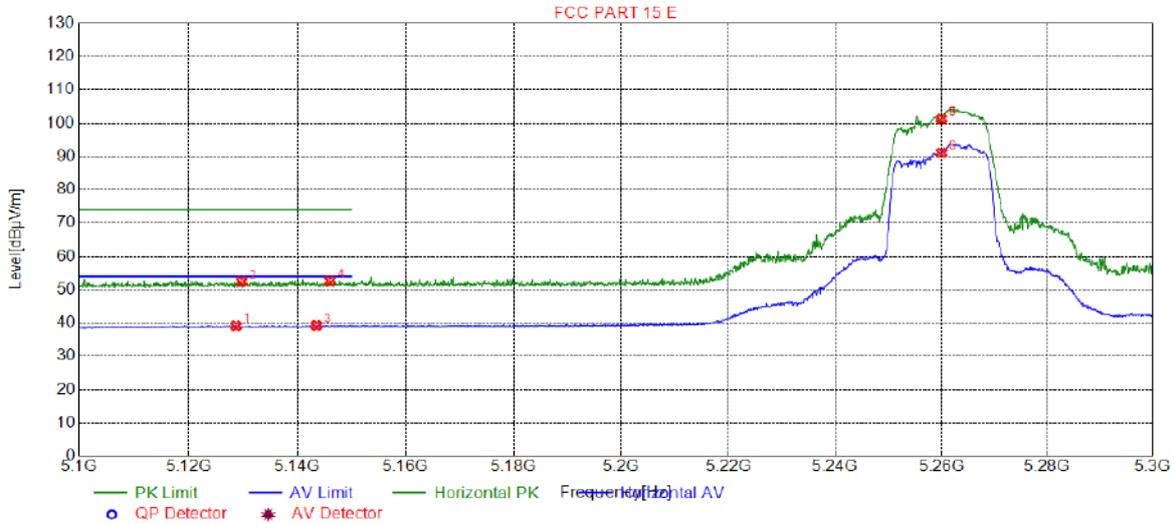


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**4.10.1.21 802.11N20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.71	39.15	15.34	54.00	14.85	249	215	Horizontal
2	5129.71	52.45	15.35	74.00	21.55	169	36	Horizontal
3	5143.52	39.26	15.46	54.00	14.74	212	119	Horizontal
4	5146.02	52.63	15.49	74.00	21.37	104	311	Horizontal
5	5260.00	101.34	15.51	0.00	-101.34	181	70	Horizontal
6	5260.00	91.14	15.51	0.00	-91.14	185	64	Horizontal

**Final Data List**

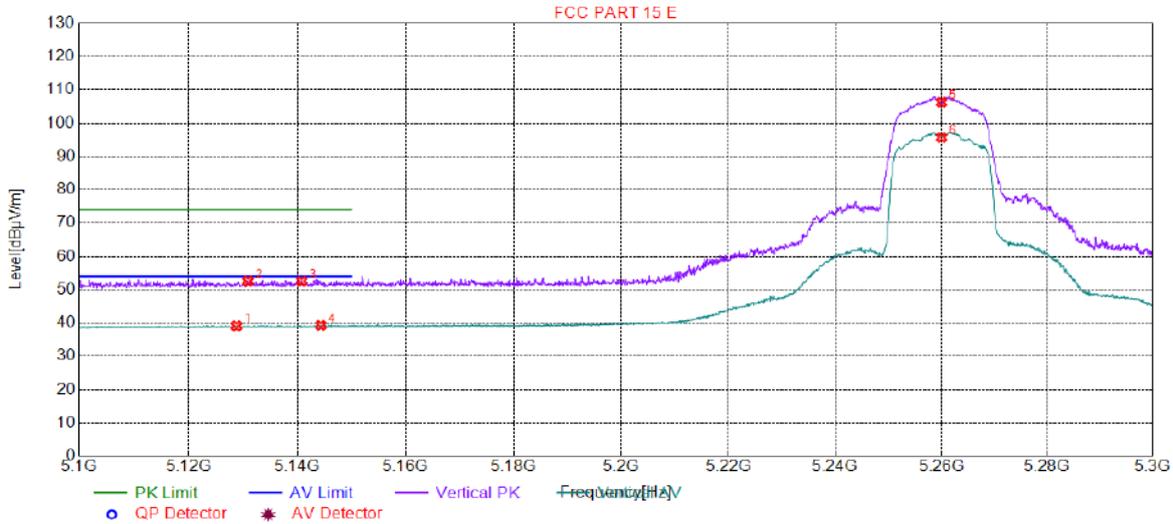


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**4.10.1.22 802.11N20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.81	39.12	15.34	54.00	14.88	260	242	Vertical
2	5130.91	52.59	15.36	74.00	21.41	167	235	Vertical
3	5140.82	52.56	15.44	74.00	21.44	187	28	Vertical
4	5144.32	39.31	15.47	54.00	14.69	205	35	Vertical
5	5260.00	106.29	15.51	0.00	-106.29	224	338	Vertical
6	5260.00	95.71	15.51	0.00	-95.71	179	344	Vertical

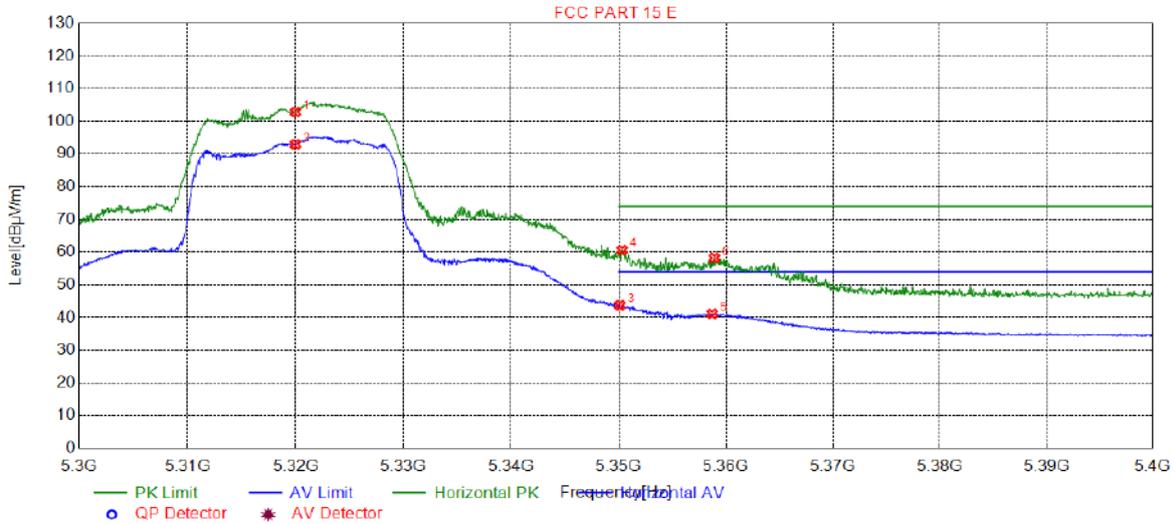
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**4.10.1.23 802.11N20\_Channel 64**

**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	102.86	15.80	0.00	-102.86	134	61	Horizontal
2	5320.00	92.97	15.80	0.00	-92.97	136	61	Horizontal
3	5350.12	43.74	15.94	54.00	10.26	243	208	Horizontal
4	5350.32	60.66	15.94	74.00	13.34	154	75	Horizontal
5	5358.72	41.12	15.99	54.00	12.88	234	61	Horizontal
6	5358.92	58.23	16.00	74.00	15.77	201	75	Horizontal

**Final Data List**

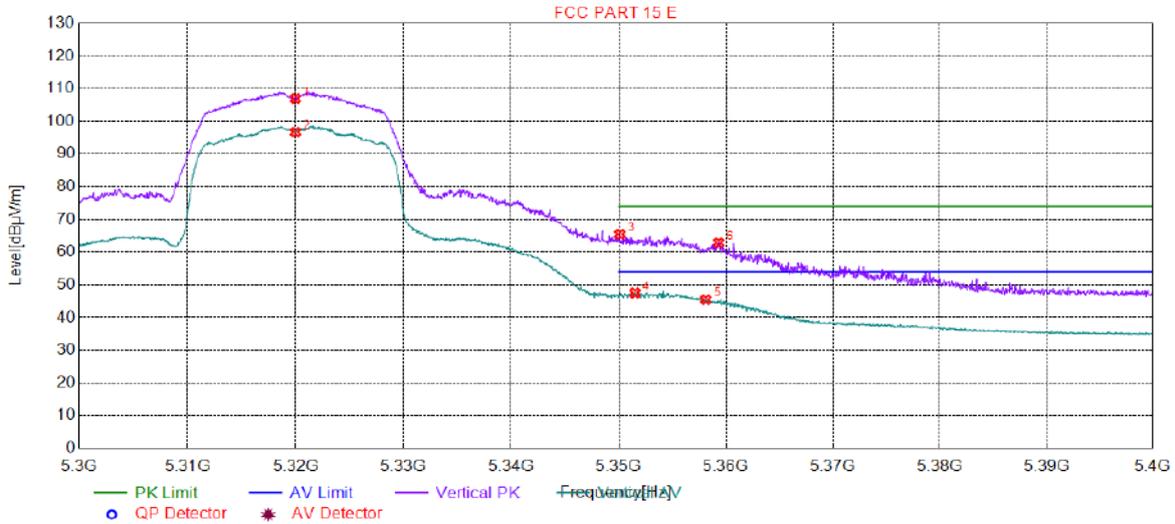


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**4.10.1.24 802.11N20\_Channel 64**

**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	106.98	15.80	0.00	-106.98	257	345	Vertical
2	5320.00	96.71	15.80	0.00	-96.71	252	345	Vertical
3	5350.12	65.47	15.94	74.00	8.53	289	36	Vertical
4	5351.52	47.51	15.95	54.00	6.49	188	16	Vertical
5	5358.12	45.51	15.99	54.00	8.49	211	16	Vertical
6	5359.32	62.88	16.00	74.00	11.12	189	338	Vertical

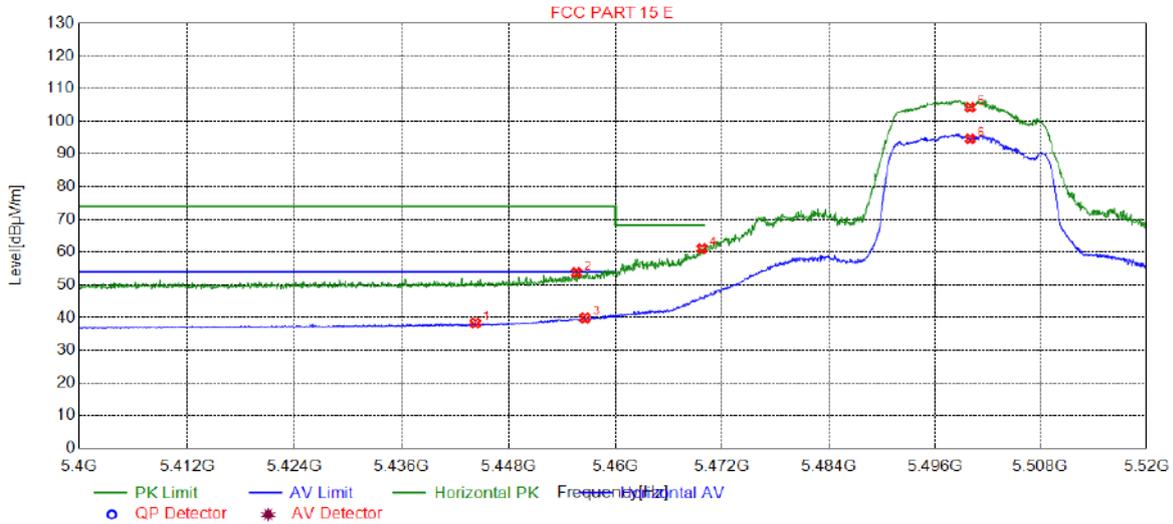
**Final Data List**



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**4.10.1.25 802.11N20\_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	5444.24	38.32	16.25	54.00	15.68	131	156	Horizontal
2	5455.58	53.78	16.25	74.00	20.22	247	145	Horizontal
3	5456.54	39.88	16.25	54.00	14.12	223	156	Horizontal
4	5469.69	61.12	16.25	68.30	7.18	222	162	Horizontal
5	5500.00	104.32	16.25	0.00	-104.32	195	206	Horizontal
6	5500.00	94.64	16.25	0.00	-94.64	224	200	Horizontal

**Final Data List**

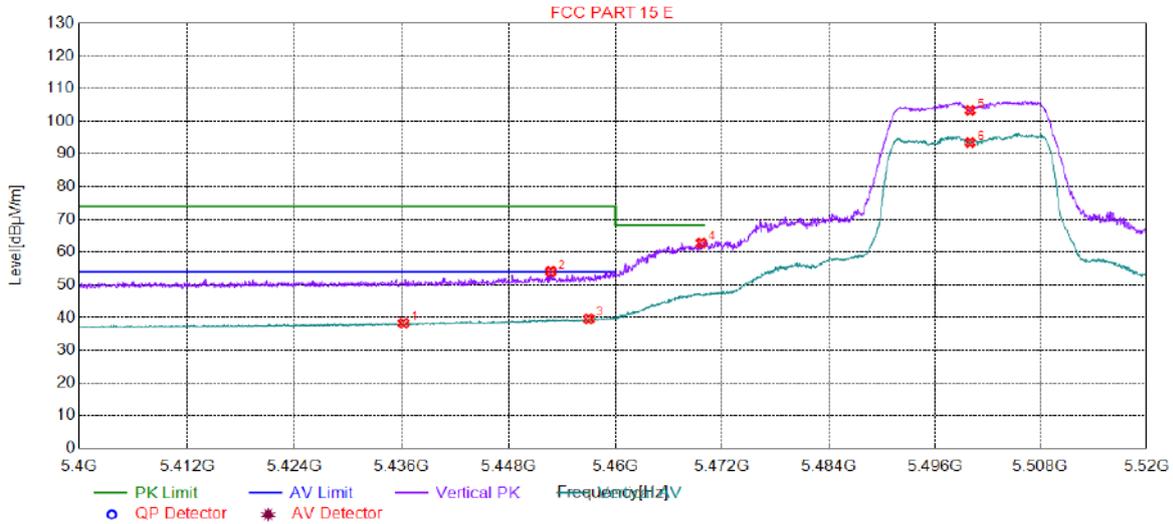


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**4.10.1.26 802.11N20\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5436.19	38.28	16.25	54.00	15.72	158	336	Vertical
2	5452.70	54.05	16.25	74.00	19.95	297	336	Vertical
3	5456.96	39.59	16.25	54.00	14.41	219	346	Vertical
4	5469.63	62.77	16.25	68.30	5.53	199	0	Vertical
5	5500.00	103.34	16.25	0.00	-103.34	191	150	Vertical
6	5500.00	93.52	16.25	0.00	-93.52	245	144	Vertical

**Final Data List**

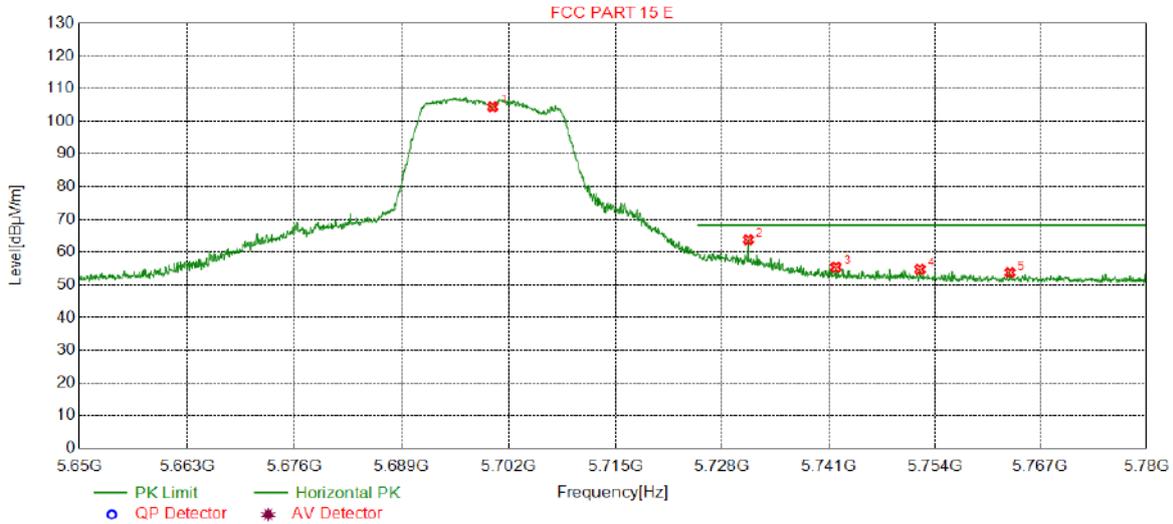


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**4.10.1.27 802.11N20\_Channel 140**

**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	104.45	16.80	0.00	-104.45	221	203	Horizontal
2	5731.16	63.79	17.00	68.30	4.51	189	102	Horizontal
3	5741.89	55.38	17.07	68.30	12.92	241	70	Horizontal
4	5752.16	54.74	17.12	68.30	13.56	181	79	Horizontal
5	5763.22	53.79	17.14	68.30	14.51	168	125	Horizontal

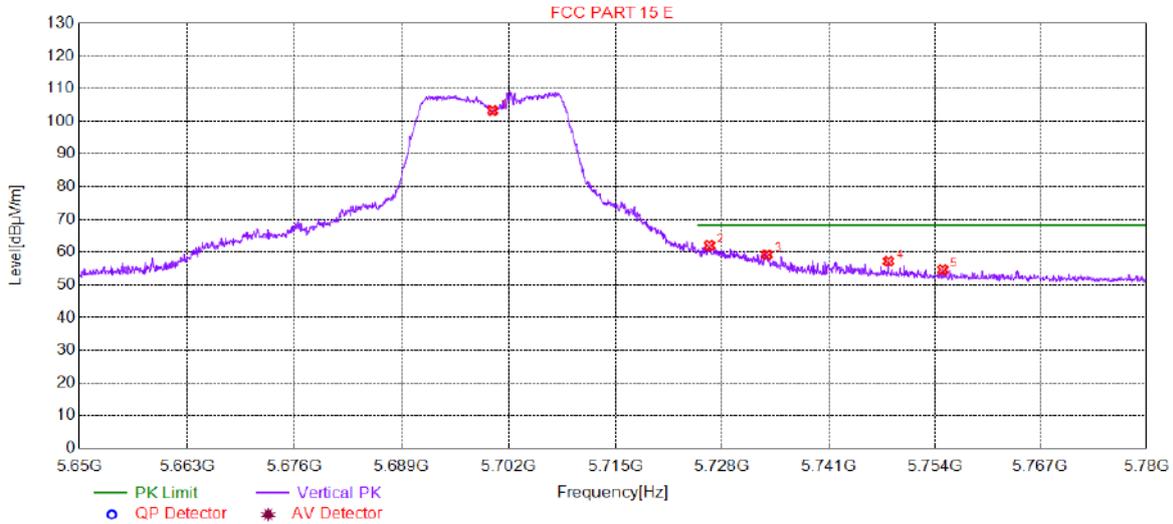
**Final Data List**



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**4.10.1.28 802.11N20\_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	103.29	16.80	0.00	-103.29	296	330	Vertical
2	5726.41	62.08	16.97	68.30	6.22	171	25	Vertical
3	5733.43	59.23	17.01	68.30	9.07	260	335	Vertical
4	5748.32	57.21	17.11	68.30	11.09	219	94	Vertical
5	5754.96	54.64	17.13	68.30	13.66	271	15	Vertical

**Final Data List**

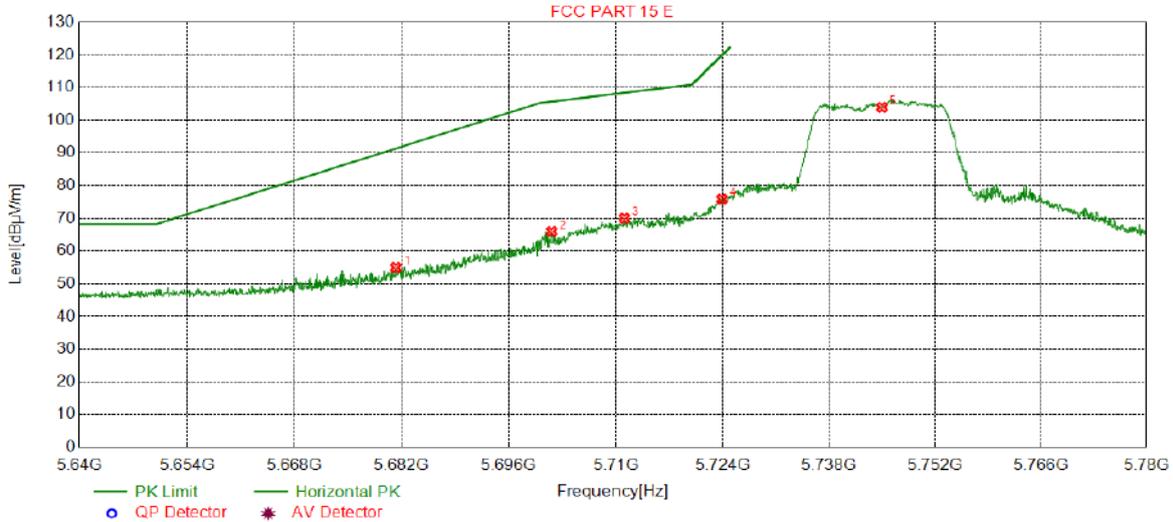


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**4.10.1.29 802.11N20\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5681.18	54.96	16.70	91.37	36.41	117	84	Horizontal
2	5701.56	65.99	16.81	105.74	39.75	142	75	Horizontal
3	5711.08	70.05	16.87	108.40	38.35	108	84	Horizontal
4	5723.90	75.90	16.95	119.80	43.90	135	71	Horizontal
5	5745.00	103.96	17.09	0.00	-103.96	245	75	Horizontal

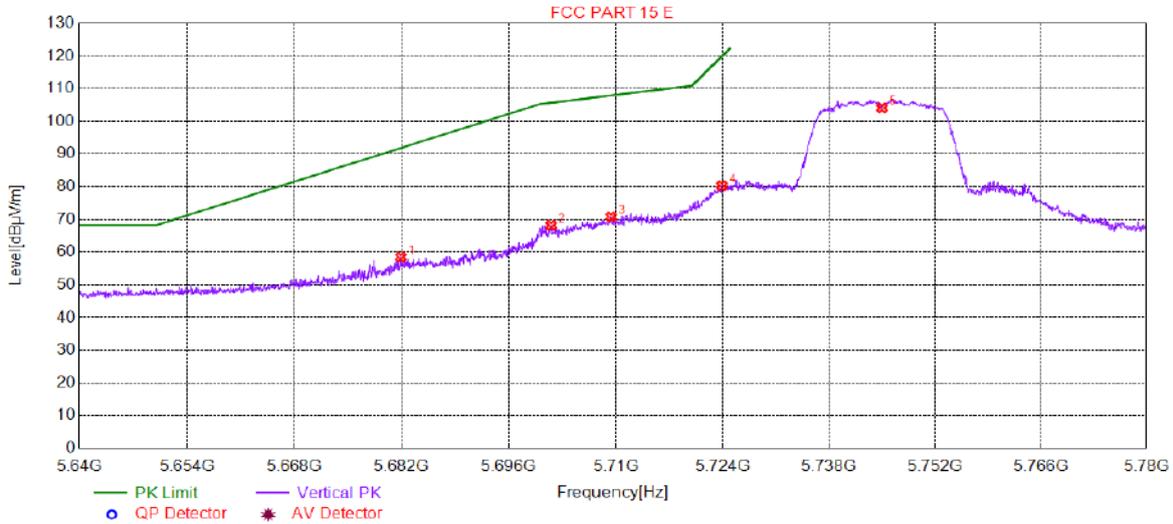
**Final Data List**



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**4.10.1.30 802.11N20\_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	5681.81	58.49	16.70	91.84	33.35	157	18	Vertical
2	5701.49	68.24	16.81	105.72	37.48	295	27	Vertical
3	5709.33	70.82	16.86	107.91	37.09	193	340	Vertical
4	5723.90	80.31	16.95	119.80	39.49	167	27	Vertical
5	5745.00	104.13	17.09	0.00	-104.13	209	41	Vertical

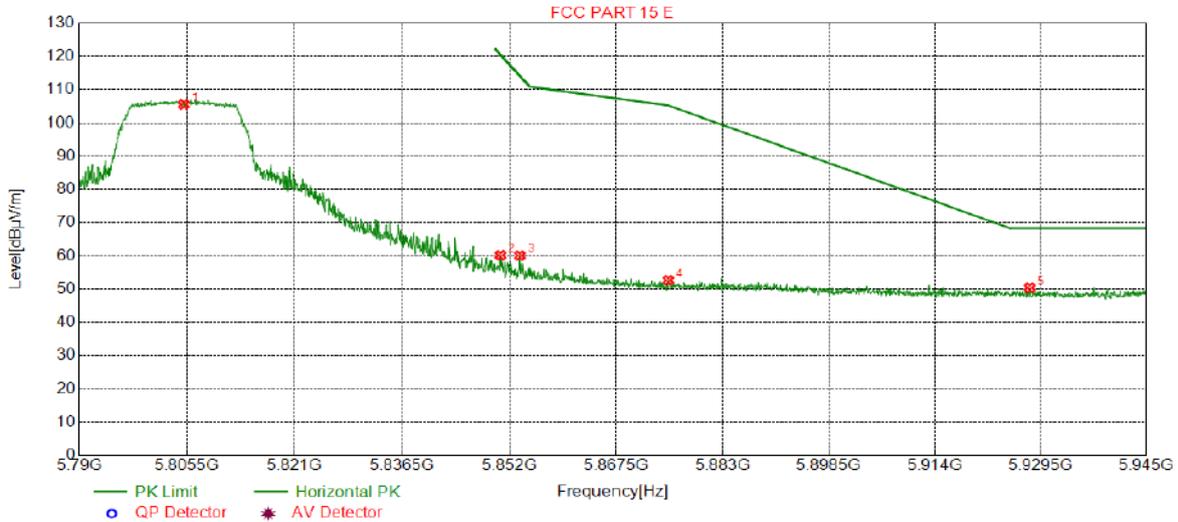
**Final Data List**



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**4.10.1.31 802.11N20\_Channel 161**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	105.60	17.20	0.00	-105.60	163	217	Horizontal
2	5850.71	60.19	17.26	120.67	60.48	101	208	Horizontal
3	5853.50	60.10	17.25	114.31	54.21	192	236	Horizontal
4	5875.06	52.70	17.18	105.26	52.56	198	236	Horizontal
5	5927.86	50.40	17.54	68.30	17.90	203	217	Horizontal

**Final Data List**

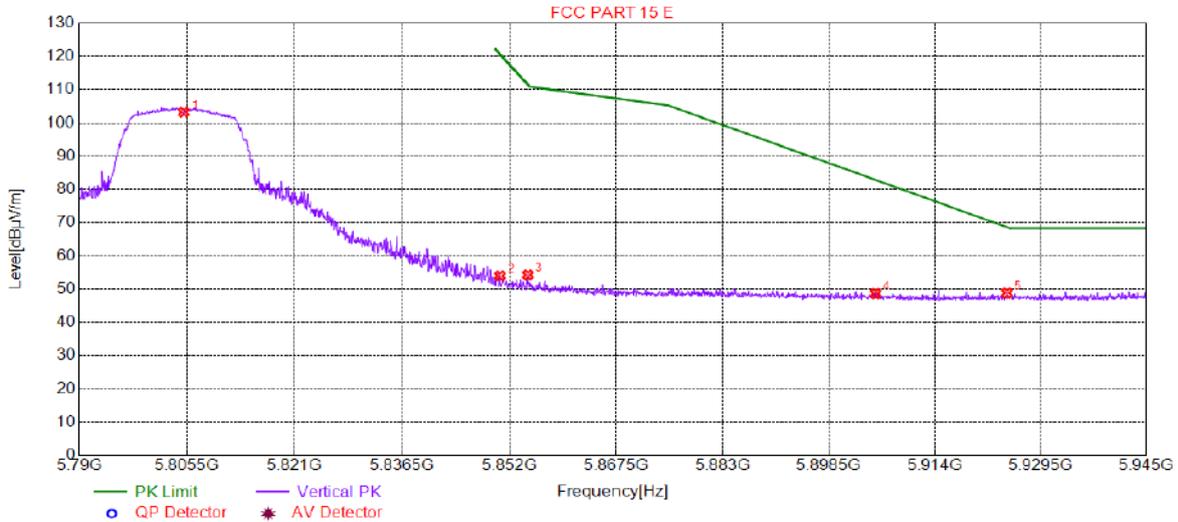


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**4.10.1.32 802.11N20\_Channel 161**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	103.24	17.20	0.00	-103.24	246	280	Vertical
2	5850.63	54.05	17.26	120.85	66.80	268	307	Vertical
3	5854.66	54.31	17.25	111.66	57.35	255	335	Vertical
4	5905.30	48.69	17.19	82.88	34.19	180	276	Vertical
5	5924.52	48.87	17.49	68.65	19.78	217	4	Vertical

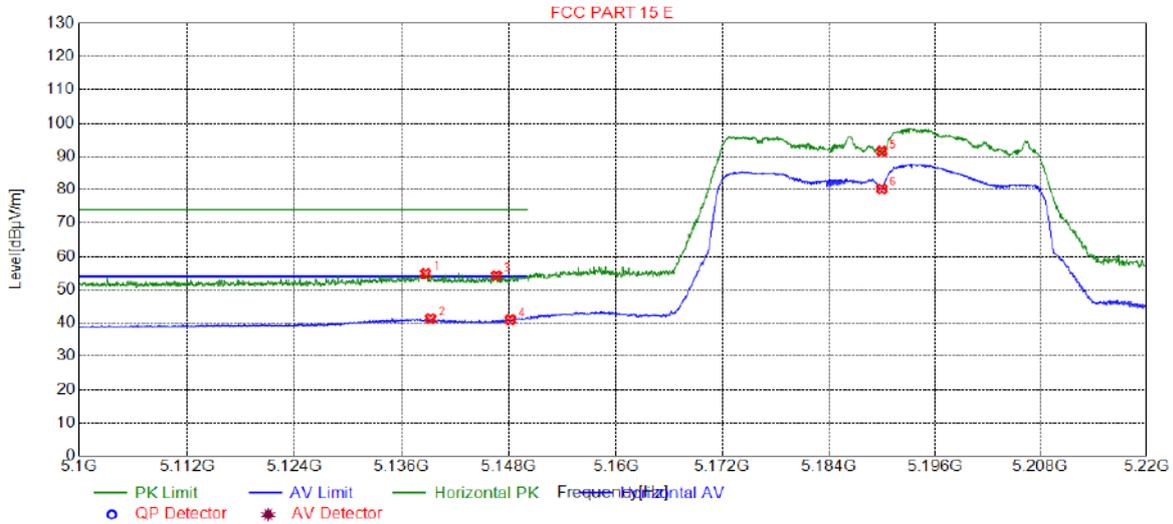
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4.10.1.33 802.11N40\_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5138.65	54.88	15.42	74.00	19.12	190	156	Horizontal
2	5139.19	41.30	15.43	54.00	12.70	183	162	Horizontal
3	5146.58	54.30	15.49	74.00	19.70	177	162	Horizontal
4	5148.14	40.98	15.50	54.00	13.02	237	162	Horizontal
5	5190.00	91.60	15.58	0.00	-91.60	214	156	Horizontal
6	5190.00	80.22	15.58	0.00	-80.22	216	162	Horizontal

Final Data List

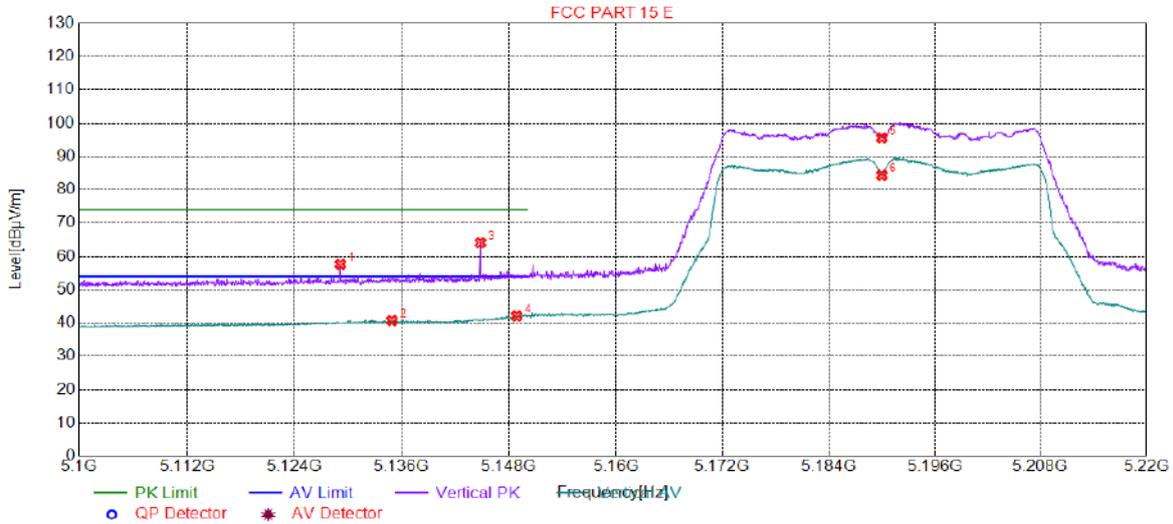


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4.10.1.34 802.11N40\_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5129.11	57.63	15.34	74.00	16.37	238	215	Vertical
2	5134.87	40.73	15.39	54.00	13.27	162	330	Vertical
3	5144.78	64.10	15.48	74.00	9.90	258	346	Vertical
4	5148.86	42.10	15.51	54.00	11.90	198	341	Vertical
5	5190.00	95.57	15.58	0.00	-95.57	234	341	Vertical
6	5190.00	84.39	15.58	0.00	-84.39	258	341	Vertical

Final Data List

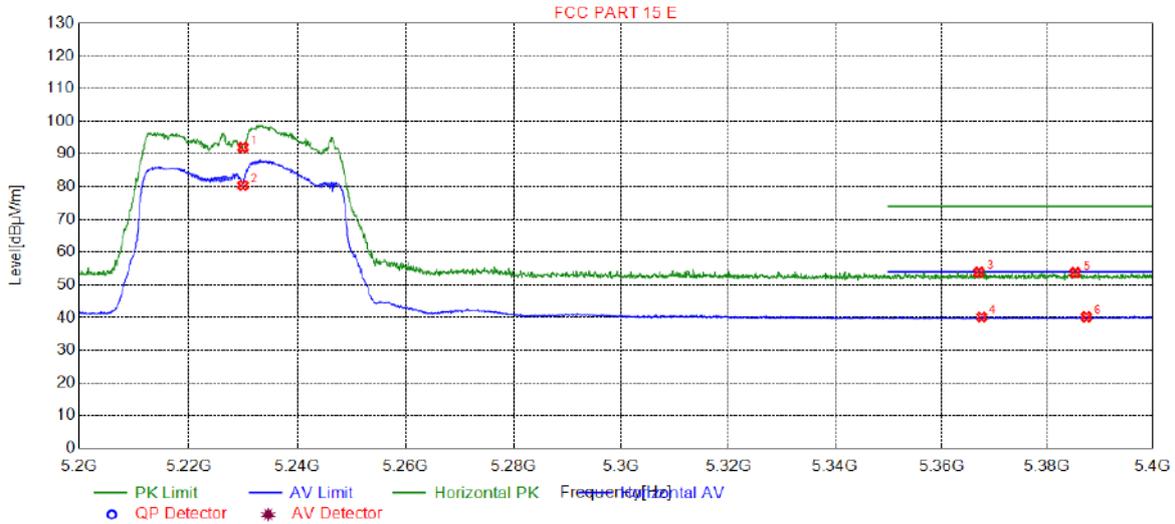


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**4.10.1.35 802.11N40\_Channel 46**

**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	92.05	15.51	0.00	-92.05	107	66	Horizontal
2	5230.00	80.40	15.51	0.00	-80.40	242	66	Horizontal
3	5367.08	53.84	16.05	74.00	20.16	121	301	Horizontal
4	5367.58	40.16	16.05	54.00	13.84	125	80	Horizontal
5	5385.29	53.73	16.16	74.00	20.27	102	80	Horizontal
6	5387.39	40.21	16.17	54.00	13.79	179	73	Horizontal

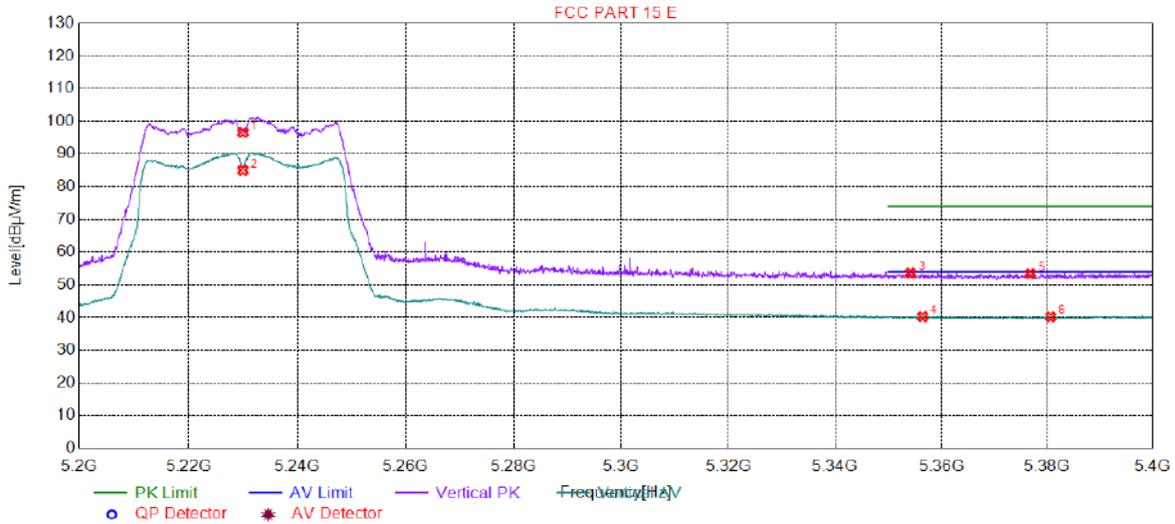
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**4.10.1.36 802.11N40\_Channel 46**

**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	96.62	15.51	0.00	-96.62	195	331	Vertical
2	5230.00	85.02	15.51	0.00	-85.02	280	344	Vertical
3	5354.17	53.62	15.97	74.00	20.38	273	0	Vertical
4	5356.47	40.27	15.98	54.00	13.73	257	139	Vertical
5	5376.78	53.41	16.11	74.00	20.59	291	344	Vertical
6	5380.59	40.21	16.13	54.00	13.79	260	344	Vertical

**Final Data List**

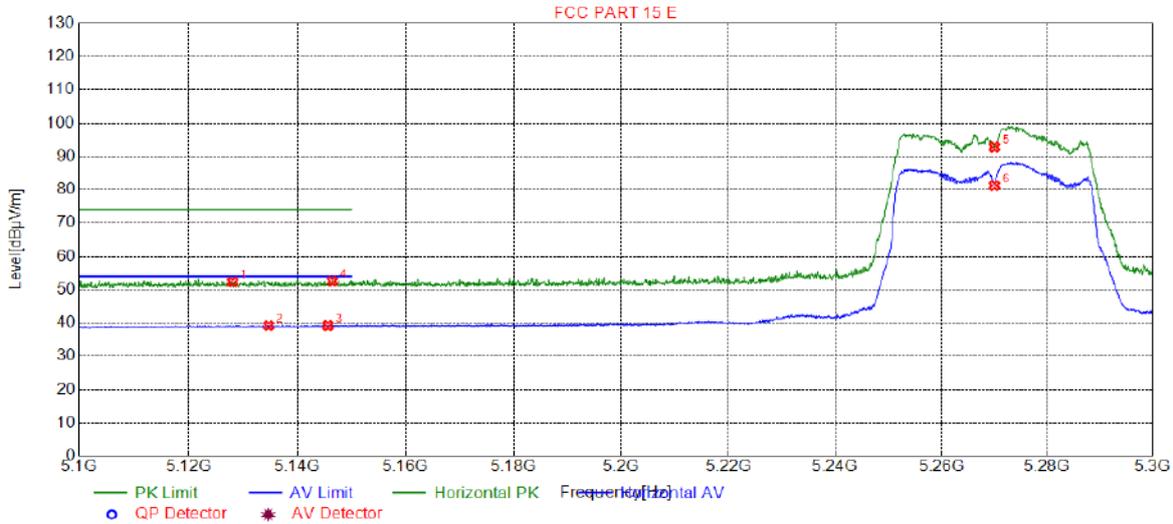


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**4.10.1.37 802.11N40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.11	52.34	15.33	74.00	21.66	178	291	Horizontal
2	5134.71	39.23	15.39	54.00	14.77	238	145	Horizontal
3	5145.62	39.24	15.48	54.00	14.76	225	228	Horizontal
4	5146.42	52.55	15.49	74.00	21.45	142	291	Horizontal
5	5270.00	92.86	15.56	0.00	-92.86	186	69	Horizontal
6	5270.00	81.27	15.56	0.00	-81.27	124	69	Horizontal

**Final Data List**

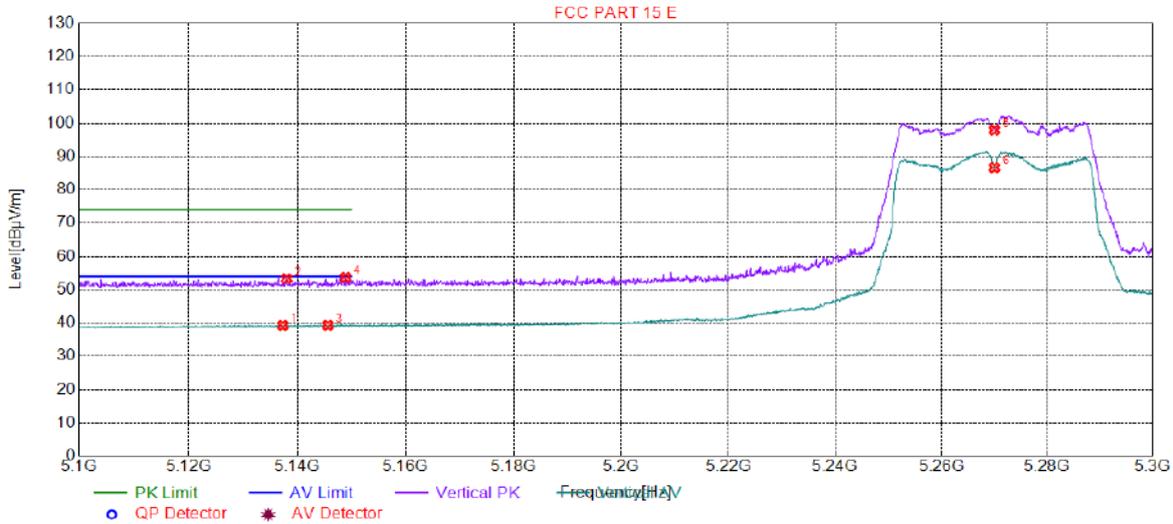


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**4.10.1.38 802.11N40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.31	39.28	15.41	54.00	14.72	192	344	Vertical
2	5138.01	53.35	15.42	74.00	20.65	265	202	Vertical
3	5145.62	39.32	15.48	54.00	14.68	175	319	Vertical
4	5148.92	53.71	15.51	74.00	20.29	155	312	Vertical
5	5270.00	97.96	15.56	0.00	-97.96	290	338	Vertical
6	5270.00	86.64	15.56	0.00	-86.64	284	344	Vertical

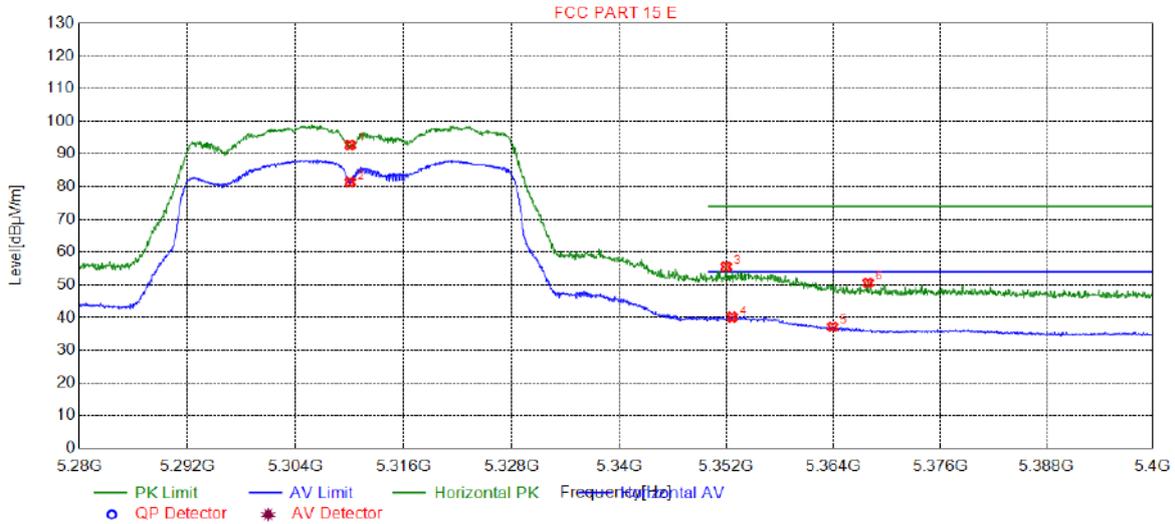
**Final Data List**



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**4.10.1.39 802.11N40\_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	92.77	15.75	0.00	-92.77	117	206	Horizontal
2	5310.00	81.45	15.75	0.00	-81.45	114	206	Horizontal
3	5351.97	55.53	15.95	74.00	18.47	227	70	Horizontal
4	5352.63	40.12	15.96	54.00	13.88	138	70	Horizontal
5	5363.92	37.20	16.03	54.00	16.80	141	152	Horizontal
6	5367.88	50.60	16.05	74.00	23.40	178	63	Horizontal

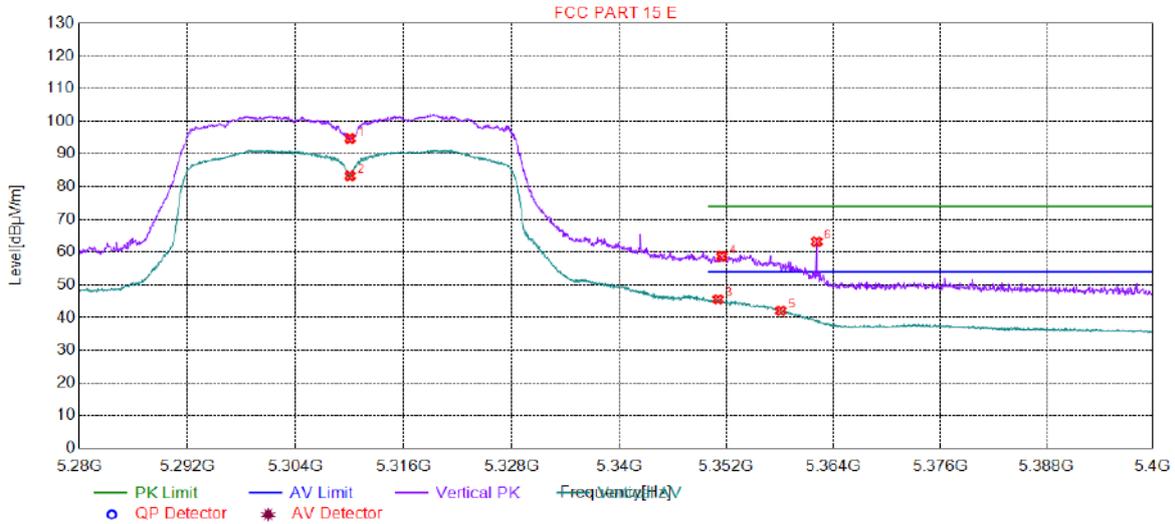
**Final Data List**



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**4.10.1.40 802.11N40\_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	94.72	15.75	0.00	-94.72	273	21	Vertical
2	5310.00	83.35	15.75	0.00	-83.35	187	21	Vertical
3	5351.07	45.58	15.95	54.00	8.42	239	21	Vertical
4	5351.49	58.75	15.95	74.00	15.25	183	2	Vertical
5	5358.09	42.05	15.99	54.00	11.95	242	344	Vertical
6	5362.12	63.20	16.02	74.00	10.80	191	7	Vertical

**Final Data List**



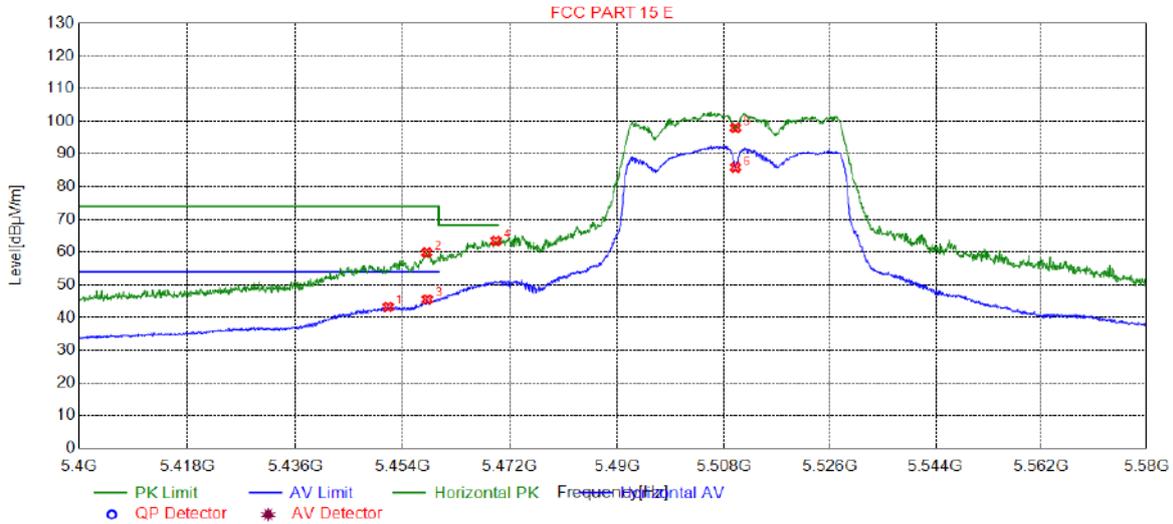
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**4.10.1.41 802.11N40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5451.50	43.25	16.25	54.00	10.75	158	205	Horizontal
2	5457.98	59.90	16.25	74.00	14.10	246	157	Horizontal
3	5458.07	45.58	16.25	54.00	8.42	233	157	Horizontal
4	5469.60	63.46	16.25	68.30	4.84	177	205	Horizontal
5	5510.00	98.02	16.28	0.00	-98.02	233	205	Horizontal
6	5510.00	85.91	16.28	0.00	-85.91	134	198	Horizontal

**Final Data List**

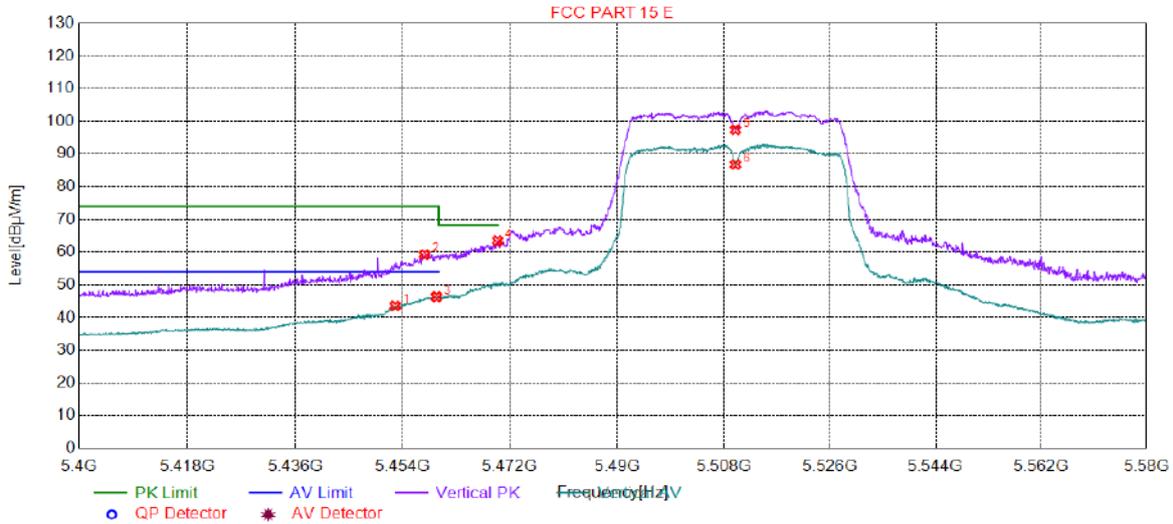


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**4.10.1.42 802.11N40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5452.67	43.56	16.25	54.00	10.44	240	22	Vertical
2	5457.62	59.24	16.25	74.00	14.76	276	8	Vertical
3	5459.60	46.35	16.25	54.00	7.65	229	2	Vertical
4	5469.87	63.47	16.25	68.30	4.83	259	152	Vertical
5	5510.00	97.42	16.28	0.00	-97.42	207	146	Vertical
6	5510.00	86.78	16.28	0.00	-86.78	202	152	Vertical

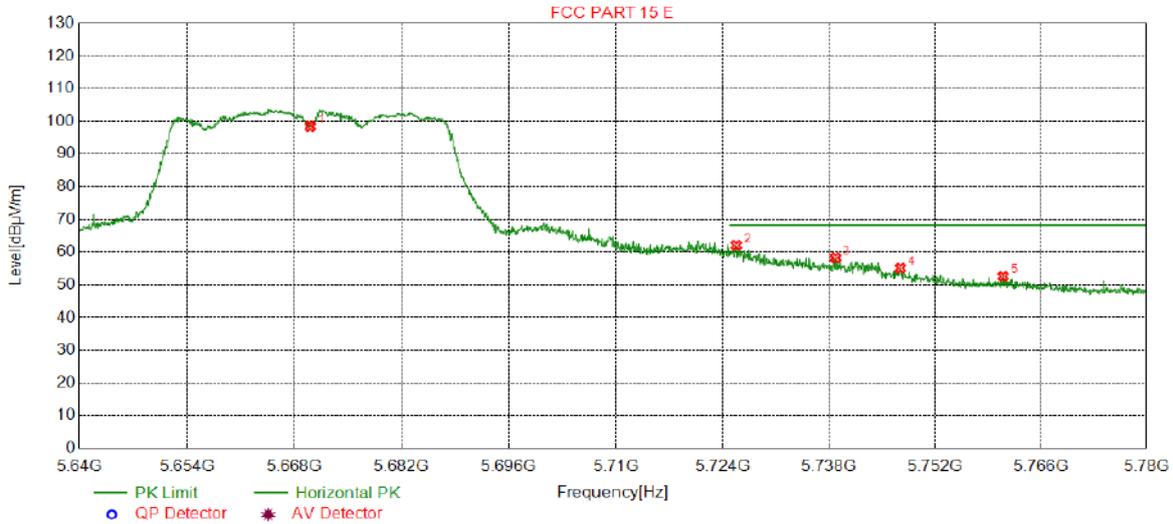
**Final Data List**



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**4.10.1.43 802.11N40\_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	98.49	16.64	0.00	-98.49	240	22	Horizontal
2	5725.79	62.11	16.97	68.30	6.19	276	8	Horizontal
3	5738.88	58.27	17.05	68.30	10.03	229	2	Horizontal
4	5747.43	55.13	17.10	68.30	13.17	259	152	Horizontal
5	5761.02	52.63	17.14	68.30	15.67	207	146	Horizontal

**Final Data List**

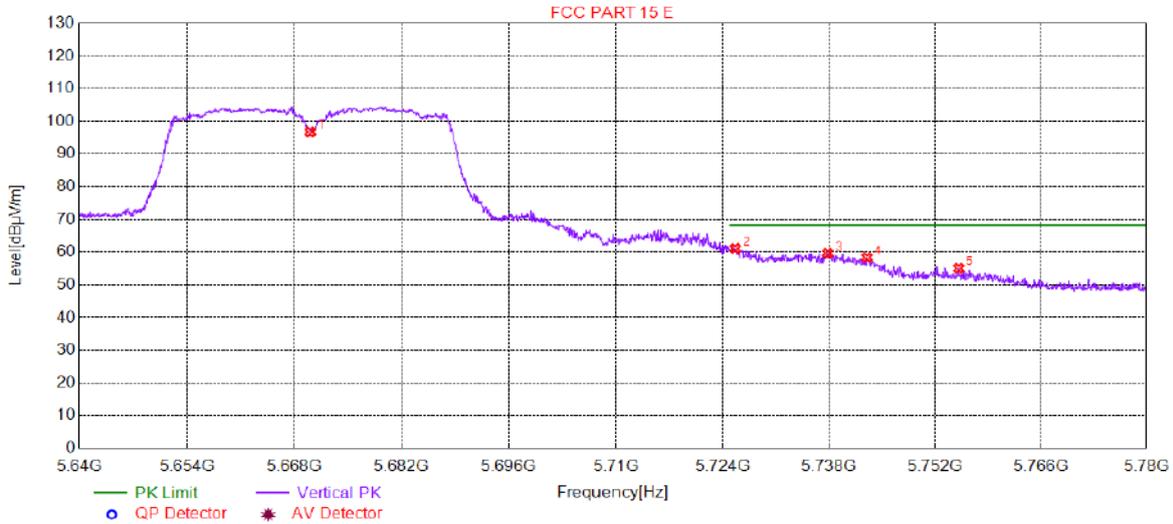


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**4.10.1.44 802.11N40\_Channel 134**

**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	96.77	16.64	0.00	-96.77	212	152	Vertical
2	5725.65	61.12	16.96	68.30	7.18	280	344	Vertical
3	5737.83	59.70	17.04	68.30	8.60	243	32	Vertical
4	5743.02	58.39	17.08	68.30	9.91	246	344	Vertical
5	5755.13	55.07	17.13	68.30	13.23	155	36	Vertical

**Final Data List**

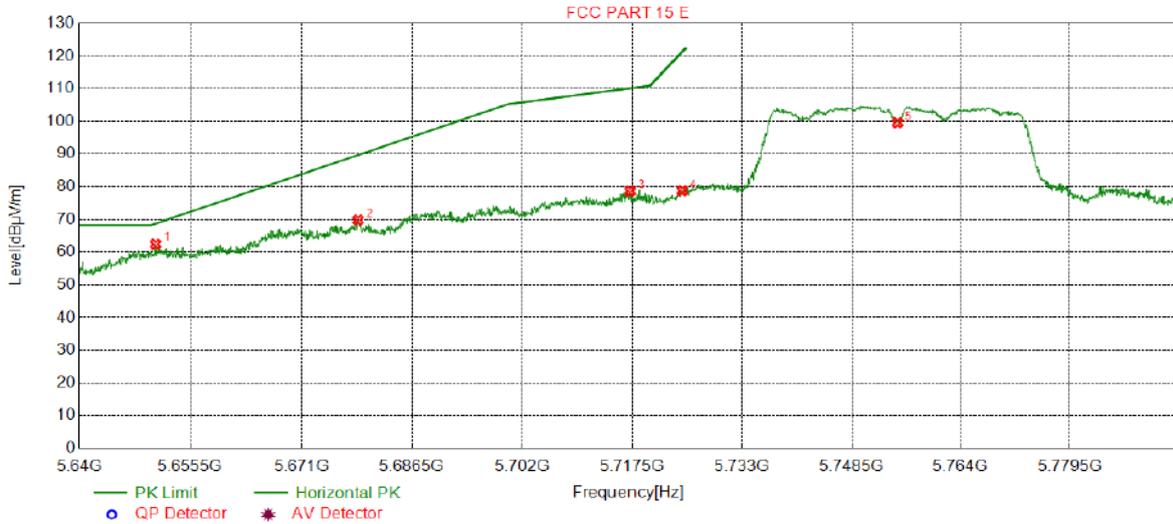


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**4.10.1.46 802.11N40\_Channel 151**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5650.62	62.43	16.53	68.76	6.33	189	75	Horizontal
2	5678.92	69.84	16.69	89.70	19.86	114	80	Horizontal
3	5717.15	78.67	16.91	110.10	31.43	104	200	Horizontal
4	5724.51	78.76	16.96	121.20	42.44	169	80	Horizontal
5	5755.00	99.59	17.13	0.00	-99.59	173	200	Horizontal

**Final Data List**

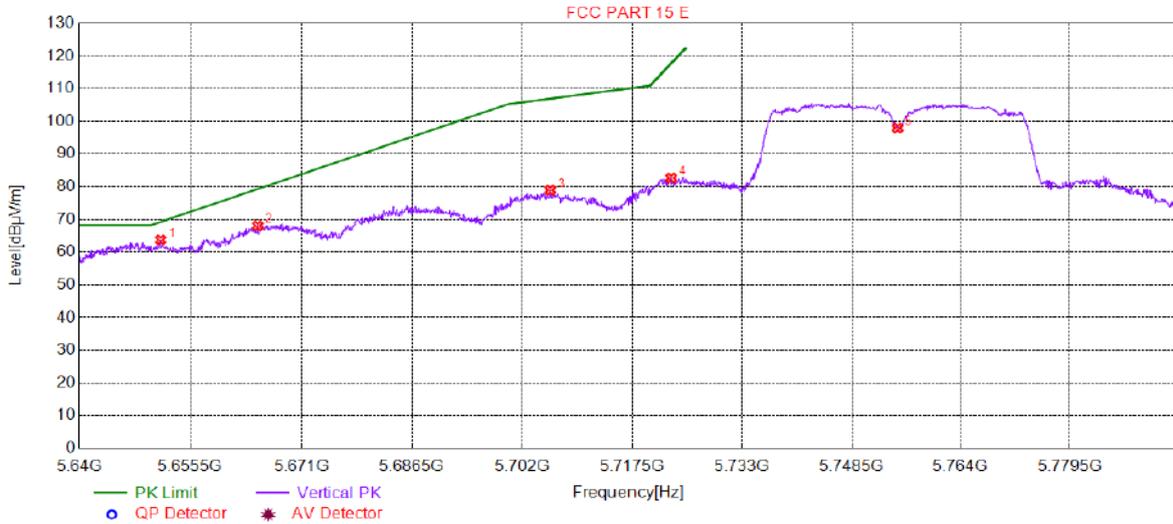


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**4.10.1.47 802.11N40\_Channel 151**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5651.32	63.74	16.54	69.28	5.54	235	340	Vertical
2	5664.88	68.09	16.61	79.32	11.23	296	20	Vertical
3	5705.90	78.96	16.84	106.95	27.99	192	20	Vertical
4	5722.96	82.71	16.95	117.66	34.95	247	25	Vertical
5	5755.00	97.98	17.13	0.00	-97.98	240	336	Vertical

**Final Data List**

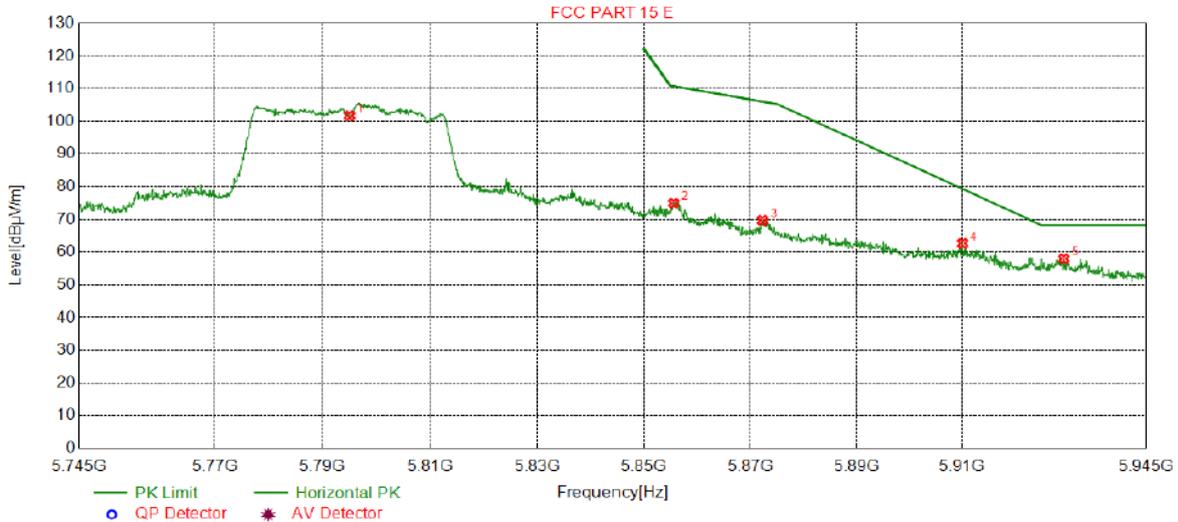


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4.10.1.48 802.11N40\_Channel 159

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	101.73	17.18	0.00	-101.73	110	79	Horizontal
2	5855.55	74.99	17.24	110.74	35.75	144	88	Horizontal
3	5872.26	69.72	17.19	106.07	36.35	199	79	Horizontal
4	5910.08	62.68	17.27	79.34	16.66	206	79	Horizontal
5	5929.29	57.99	17.56	68.30	10.31	190	88	Horizontal

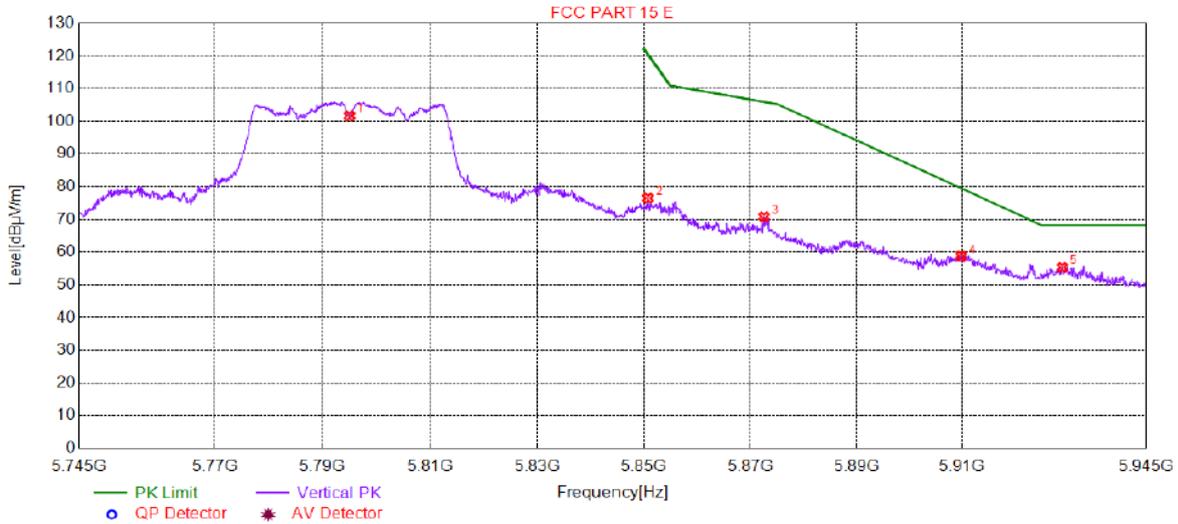
Final Data List



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**4.10.1.49 802.11N40\_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	101.69	17.18	0.00	-101.69	287	26	Vertical
2	5850.75	76.53	17.26	120.58	44.05	212	31	Vertical
3	5872.56	70.82	17.19	105.98	35.16	233	21	Vertical
4	5909.78	58.83	17.26	79.56	20.73	275	31	Vertical
5	5928.99	55.34	17.56	68.30	12.96	152	295	Vertical

**Final Data List**

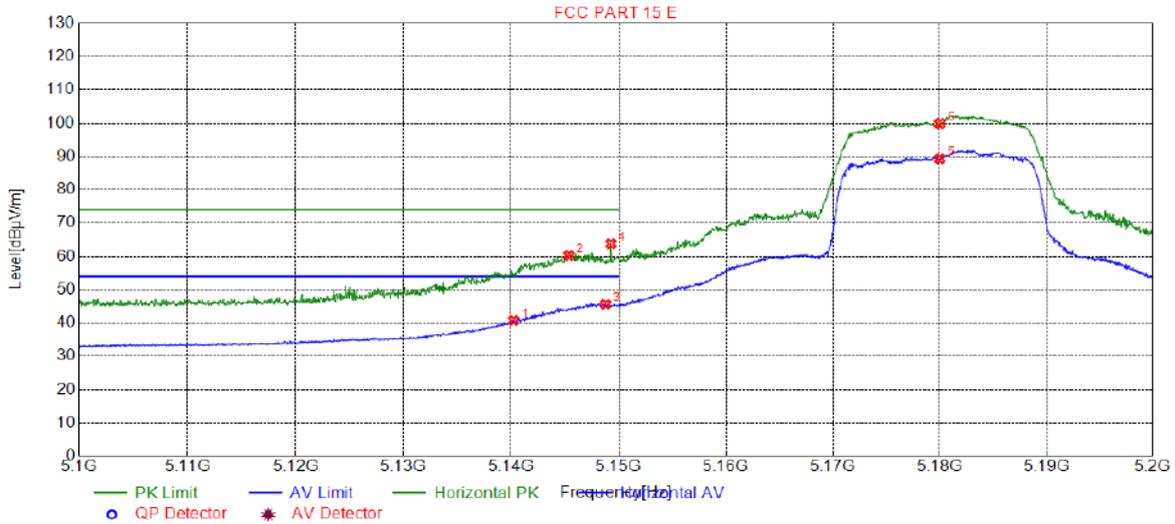


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**4.10.1.50 802.11AC20\_Channel 36**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5140.22	40.76	15.44	54.00	13.24	196	57	Horizontal
2	5145.37	60.28	15.48	74.00	13.72	215	168	Horizontal
3	5148.77	45.59	15.51	54.00	8.41	169	162	Horizontal
4	5149.27	63.80	15.51	74.00	10.20	109	262	Horizontal
5	5180.00	89.30	15.56	0.00	-89.30	197	68	Horizontal
6	5180.00	99.87	15.56	0.00	-99.87	199	68	Horizontal

**Final Data List**

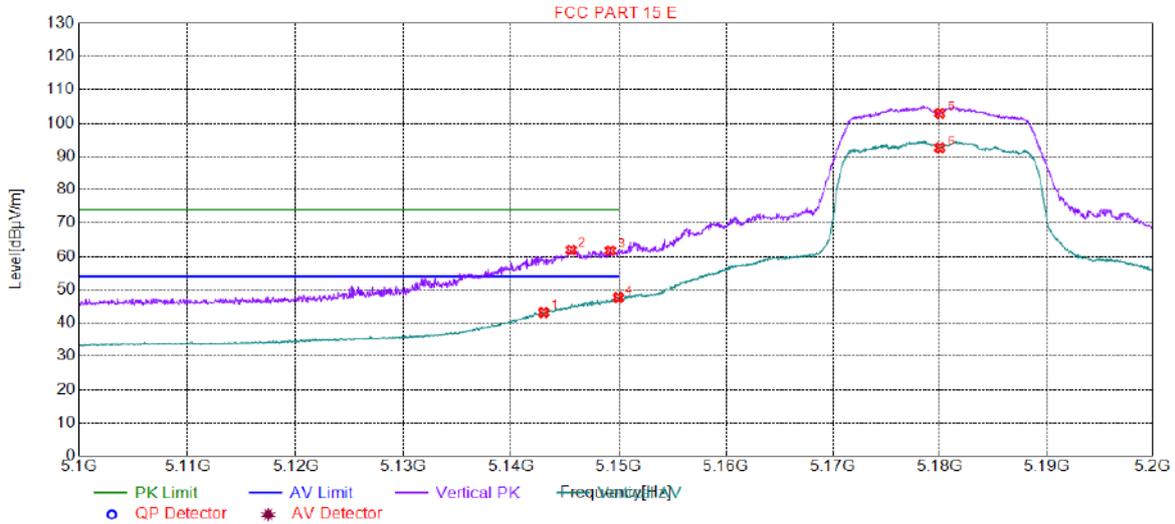
*(This section is intentionally blank in the provided image)*



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**4.10.1.51 802.11AC20\_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	5143.02	43.14	15.46	54.00	10.86	172	156	Vertical
2	5145.57	61.98	15.48	74.00	12.02	182	331	Vertical
3	5149.22	61.78	15.51	74.00	12.22	174	304	Vertical
4	5149.97	47.66	15.52	54.00	6.34	203	228	Vertical
5	5180.00	102.94	15.56	0.00	-102.94	271	341	Vertical
6	5180.00	92.60	15.56	0.00	-92.60	229	346	Vertical

**Final Data List**

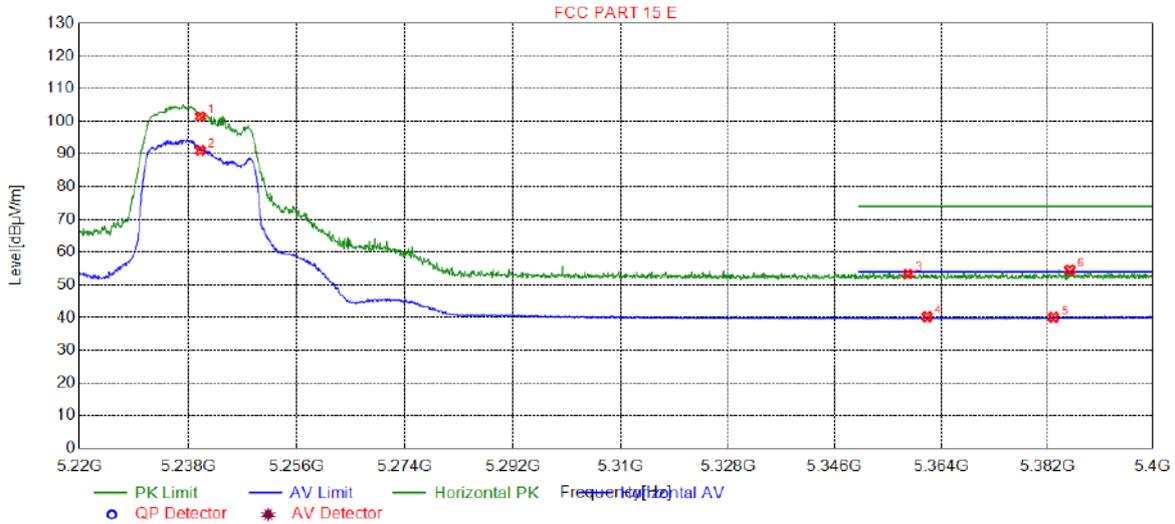


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**4.10.1.52 802.11AC20\_Channel 48**

**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	101.48	15.49	0.00	-101.48	222	167	Horizontal
2	5240.00	91.10	15.49	0.00	-91.10	150	167	Horizontal
3	5358.39	53.33	15.99	74.00	20.67	186	97	Horizontal
4	5361.64	40.23	16.01	54.00	13.77	109	202	Horizontal
5	5383.07	40.08	16.15	54.00	13.92	114	22	Horizontal
6	5385.86	54.56	16.16	74.00	19.44	115	313	Horizontal

**Final Data List**

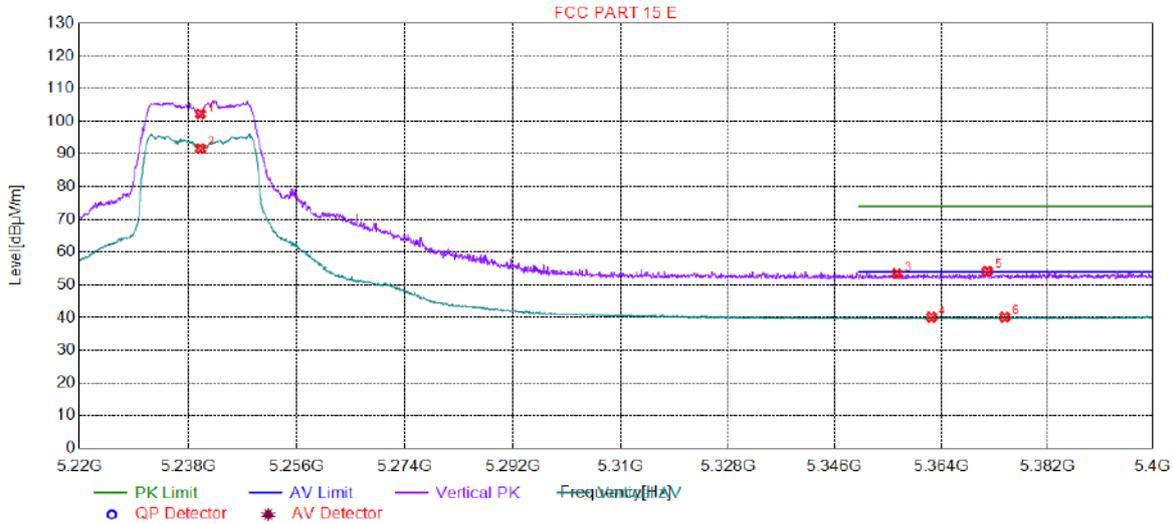


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**4.10.1.53 802.11AC20\_Channel 48**

**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	102.24	15.49	0.00	-102.24	268	331	Vertical
2	5240.00	91.70	15.49	0.00	-91.70	190	338	Vertical
3	5356.50	53.44	15.98	74.00	20.56	224	111	Vertical
4	5362.36	40.12	16.02	54.00	13.88	206	284	Vertical
5	5371.81	54.16	16.08	74.00	19.84	193	22	Vertical
6	5374.78	40.13	16.09	54.00	13.87	296	22	Vertical

**Final Data List**

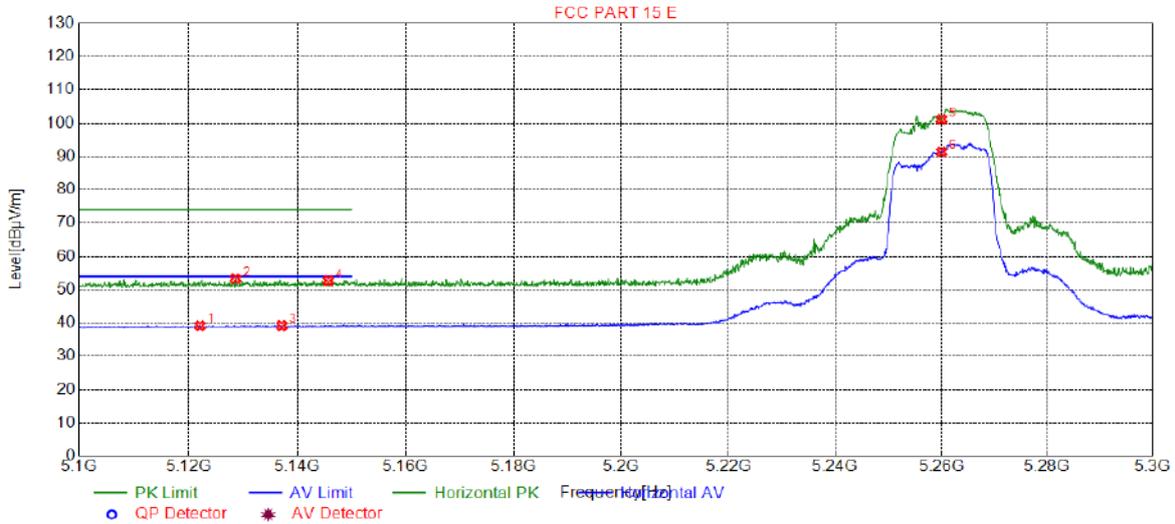


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**4.10.1.54 802.11AC20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5122.11	39.19	15.28	54.00	14.81	155	49	Horizontal
2	5128.61	53.34	15.34	74.00	20.66	211	98	Horizontal
3	5137.11	39.21	15.41	54.00	14.79	167	358	Horizontal
4	5145.72	52.72	15.48	74.00	21.28	117	125	Horizontal
5	5260.00	101.18	15.51	0.00	-101.18	222	70	Horizontal
6	5260.00	91.41	15.51	0.00	-91.41	158	70	Horizontal

**Final Data List**

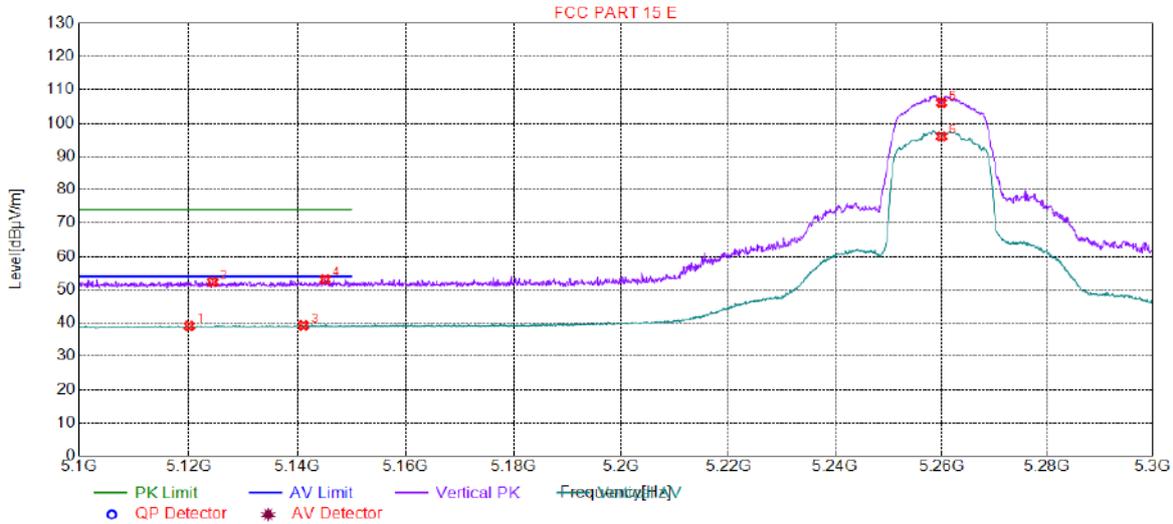


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**4.10.1.55 802.11AC20\_Channel 52**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.11	39.14	15.26	54.00	14.86	272	290	Vertical
2	5124.41	52.32	15.30	74.00	21.68	206	1	Vertical
3	5141.12	39.30	15.44	54.00	14.70	239	297	Vertical
4	5145.12	53.11	15.48	74.00	20.89	230	262	Vertical
5	5260.00	106.16	15.51	0.00	-106.16	230	331	Vertical
6	5260.00	96.04	15.51	0.00	-96.04	295	344	Vertical

**Final Data List**

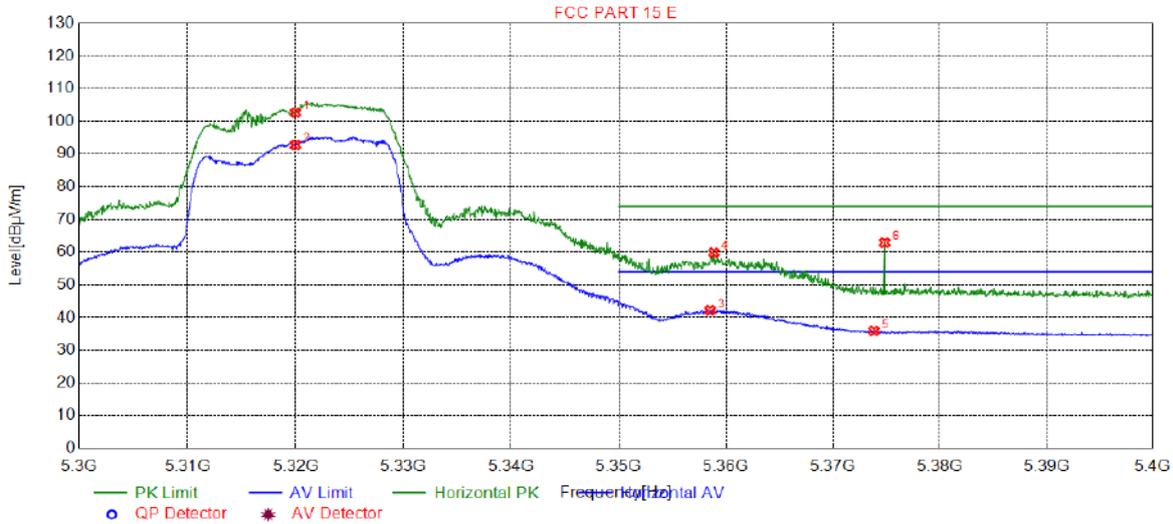


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**4.10.1.56 802.11AC20\_Channel 64**

**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	102.67	15.80	0.00	-102.67	241	78	Horizontal
2	5320.00	92.78	15.80	0.00	-92.78	110	70	Horizontal
3	5358.52	42.20	15.99	54.00	11.80	152	64	Horizontal
4	5358.87	59.86	16.00	74.00	14.14	196	70	Horizontal
5	5373.83	35.92	16.09	54.00	18.08	108	166	Horizontal
6	5374.83	62.91	16.09	74.00	11.09	115	84	Horizontal

**Final Data List**

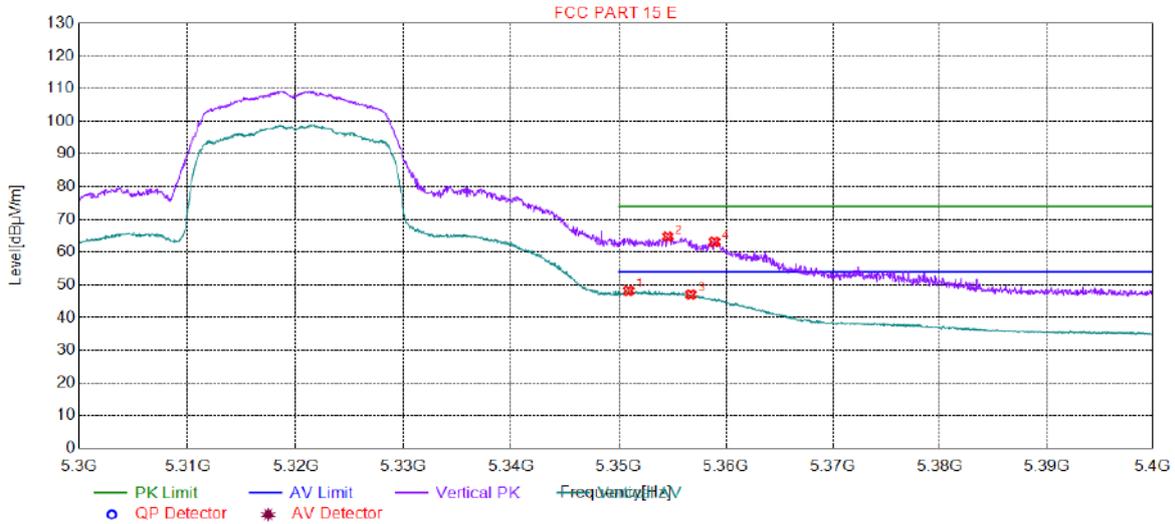


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**4.10.1.57 802.11AC20\_Channel 64**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5350.92	48.17	15.95	54.00	5.83	266	16	Vertical
2	5354.57	64.75	15.97	74.00	9.25	249	345	Vertical
3	5356.72	47.03	15.98	54.00	6.97	272	3	Vertical
4	5358.92	63.15	16.00	74.00	10.85	293	331	Vertical

**Final Data List**

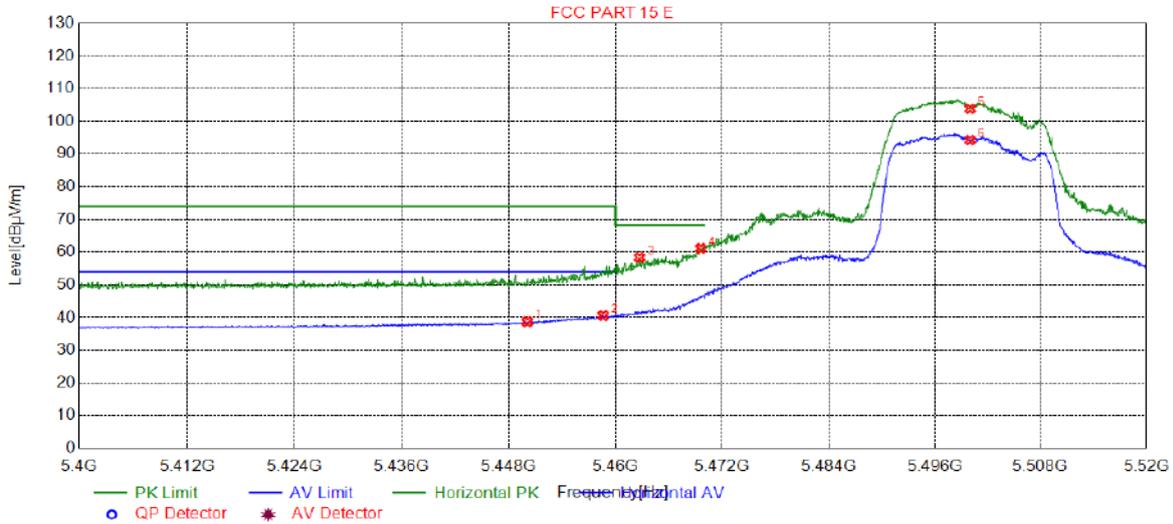


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**4.10.1.58 802.11AC20\_Channel 100**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5450.06	38.71	16.25	54.00	15.29	104	166	Horizontal
2	5458.58	40.61	16.25	54.00	13.39	248	160	Horizontal
3	5462.67	58.36	16.25	68.30	9.94	153	204	Horizontal
4	5469.57	61.15	16.25	68.30	7.15	217	155	Horizontal
5	5500.00	103.87	16.25	0.00	-103.87	217	204	Horizontal
6	5500.00	94.27	16.25	0.00	-94.27	240	204	Horizontal

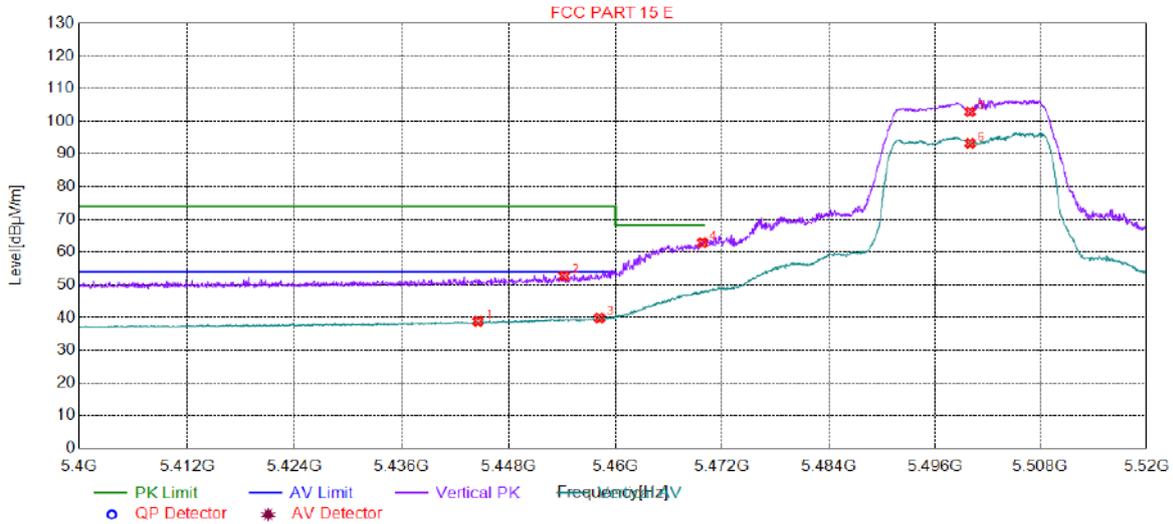
**Final Data List**



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4.10.1.59 802.11AC20\_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	5444.54	38.82	16.25	54.00	15.18	271	32	Vertical
2	5454.20	52.74	16.25	74.00	21.26	260	341	Vertical
3	5458.16	39.87	16.25	54.00	14.13	237	336	Vertical
4	5469.75	62.87	16.25	68.30	5.43	218	346	Vertical
5	5500.00	102.92	16.25	0.00	-102.92	292	160	Vertical
6	5500.00	93.29	16.25	0.00	-93.29	273	160	Vertical

Final Data List

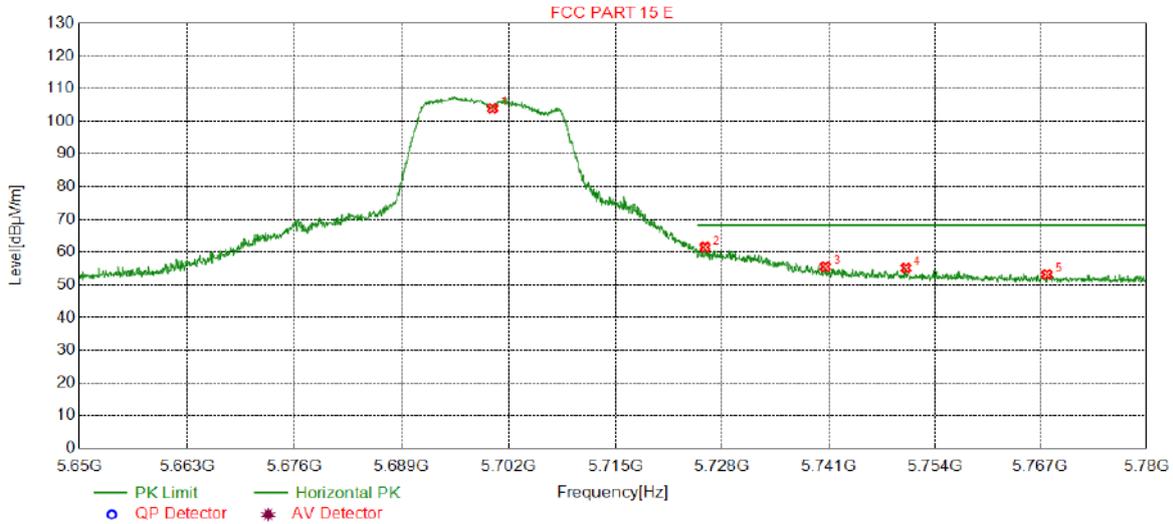


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**4.10.1.60 802.11AC20\_Channel 140**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	103.98	16.80	0.00	-103.98	218	204	Horizontal
2	5725.89	61.52	16.97	68.30	6.78	152	80	Horizontal
3	5740.59	55.55	17.06	68.30	12.75	211	80	Horizontal
4	5750.47	55.14	17.12	68.30	13.16	169	93	Horizontal
5	5767.77	53.18	17.14	68.30	15.12	126	80	Horizontal

**Final Data List**

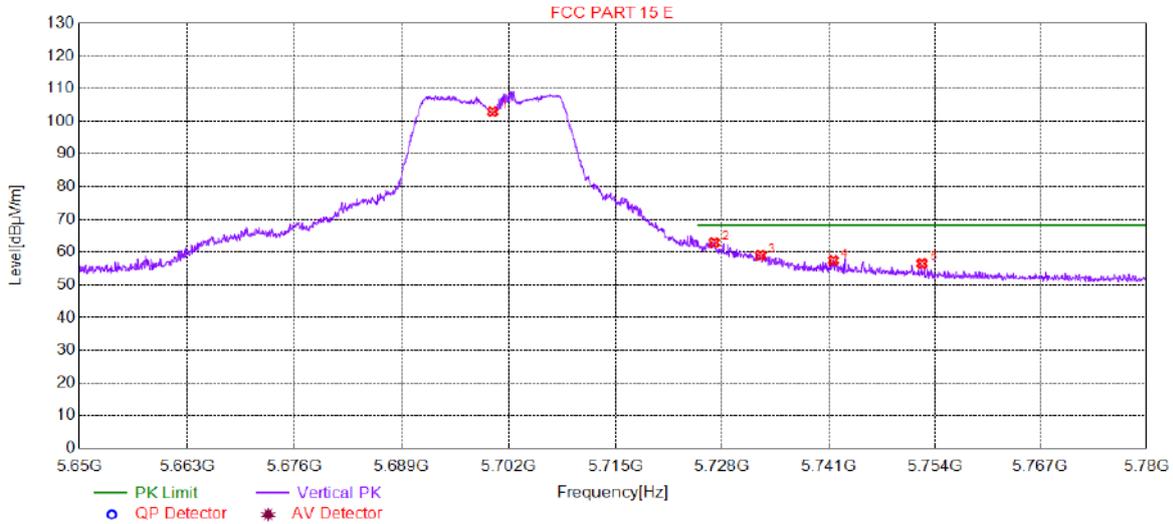


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**4.10.1.61 802.11AC20\_Channel 140**

**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	102.96	16.80	0.00	-102.96	289	147	Vertical
2	5726.99	62.89	16.97	68.30	5.41	276	32	Vertical
3	5732.65	59.09	17.01	68.30	9.21	182	335	Vertical
4	5741.56	57.46	17.07	68.30	10.84	261	22	Vertical
5	5752.42	56.51	17.12	68.30	11.79	199	27	Vertical

**Final Data List**

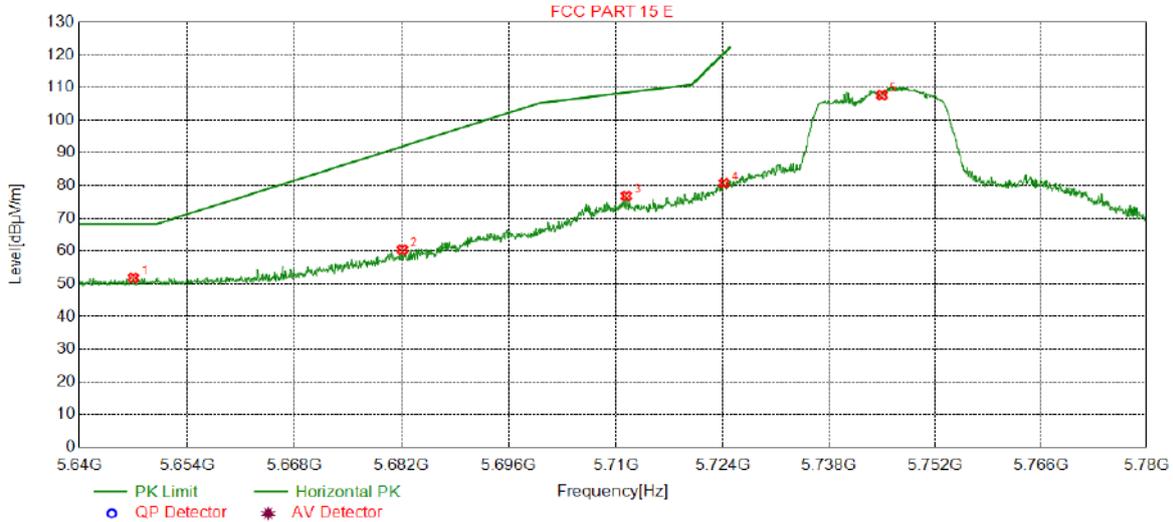


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**4.10.1.63 802.11AC20\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.00	51.82	16.53	68.30	16.48	185	36	Horizontal
2	5682.02	60.44	16.70	92.00	31.56	241	73	Horizontal
3	5711.36	76.85	16.87	108.48	31.63	161	73	Horizontal
4	5724.18	80.78	16.95	120.44	39.66	233	73	Horizontal
5	5745.00	107.71	17.09	0.00	-107.71	228	77	Horizontal

**Final Data List**

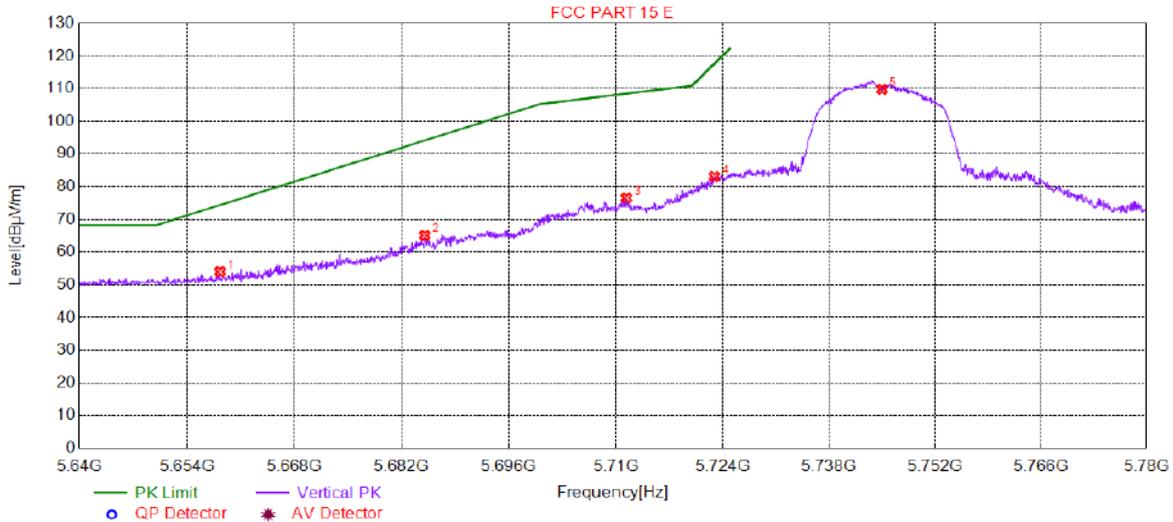


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**4.10.1.64 802.11AC20\_Channel 149**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5658.27	54.06	16.57	74.43	20.37	247	38	Vertical
2	5684.96	65.11	16.72	94.17	29.06	257	38	Vertical
3	5711.36	76.60	16.87	108.48	31.88	256	352	Vertical
4	5722.92	83.18	16.95	117.56	34.38	166	33	Vertical
5	5745.00	109.78	17.09	0.00	-109.78	236	33	Vertical

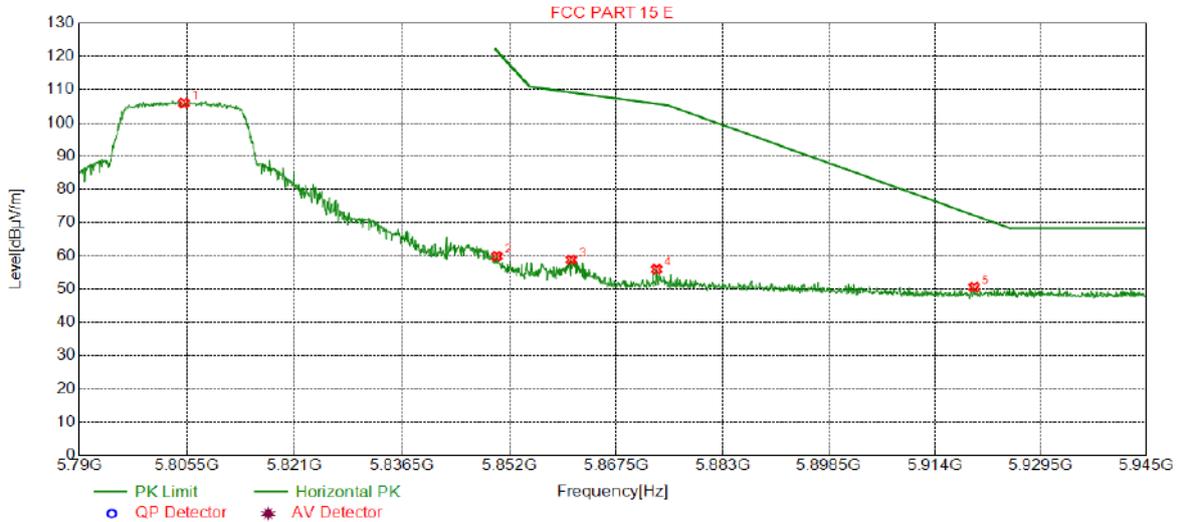
**Final Data List**



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**4.10.1.65 802.11AC20\_Channel 161**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	106.00	17.20	0.00	-106.00	143	225	Horizontal
2	5850.17	59.91	17.26	121.91	62.00	172	225	Horizontal
3	5860.94	58.82	17.23	109.23	50.41	210	216	Horizontal
4	5873.35	56.02	17.19	105.76	49.74	221	220	Horizontal
5	5919.72	50.60	17.41	72.21	21.61	129	220	Horizontal

**Final Data List**

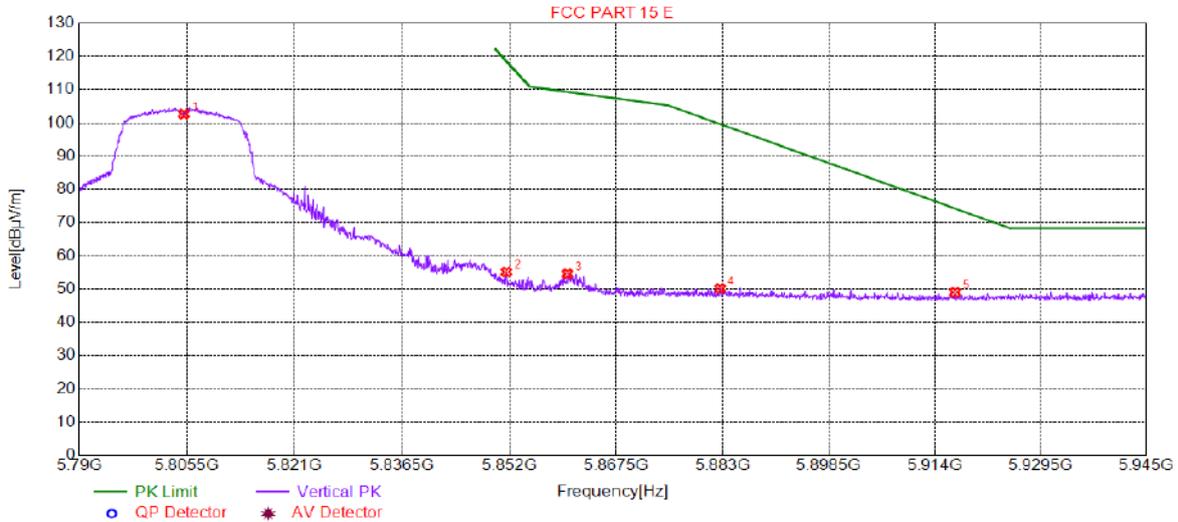


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**4.10.1.66 802.11AC20\_Channel 161**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5805.00	102.69	17.20	0.00	-102.69	190	257	Vertical
2	5851.56	55.22	17.26	118.73	63.51	184	344	Vertical
3	5860.40	54.66	17.23	109.39	54.73	190	275	Vertical
4	5882.58	50.19	17.16	99.69	49.50	229	326	Vertical
5	5916.93	49.07	17.37	74.27	25.20	238	322	Vertical

**Final Data List**

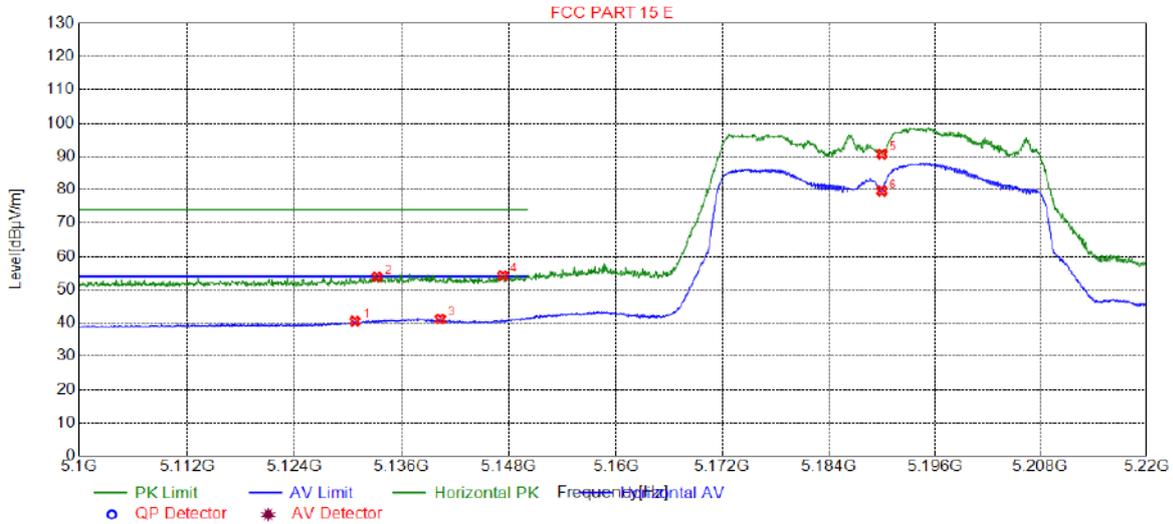


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4.10.1.67 802.11AC40\_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5130.73	40.57	15.35	54.00	13.43	140	155	Horizontal
2	5133.19	53.92	15.38	74.00	20.08	181	78	Horizontal
3	5140.28	41.21	15.44	54.00	12.79	180	155	Horizontal
4	5147.30	54.25	15.50	74.00	19.75	116	160	Horizontal
5	5190.00	90.73	15.58	0.00	-90.73	204	67	Horizontal
6	5190.00	79.63	15.58	0.00	-79.63	157	155	Horizontal

Final Data List

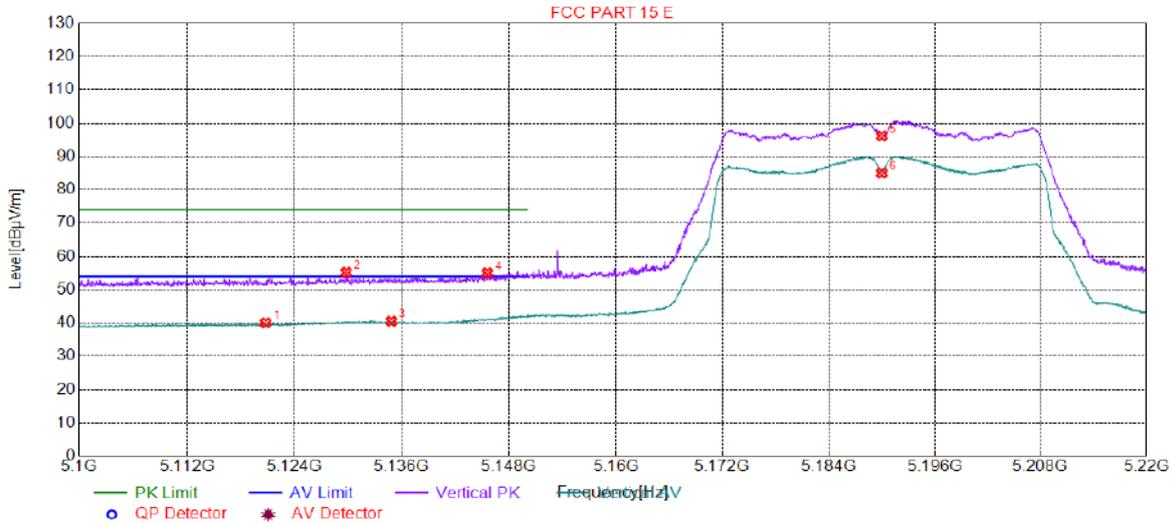


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**4.10.1.68 802.11AC40\_Channel 38**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.77	40.06	15.27	54.00	13.94	184	347	Vertical
2	5129.77	55.22	15.35	74.00	18.78	228	336	Vertical
3	5134.81	40.52	15.39	54.00	13.48	233	341	Vertical
4	5145.56	55.06	15.48	74.00	18.94	169	347	Vertical
5	5190.00	96.17	15.58	0.00	-96.17	298	353	Vertical
6	5190.00	85.06	15.58	0.00	-85.06	155	353	Vertical

**Final Data List**

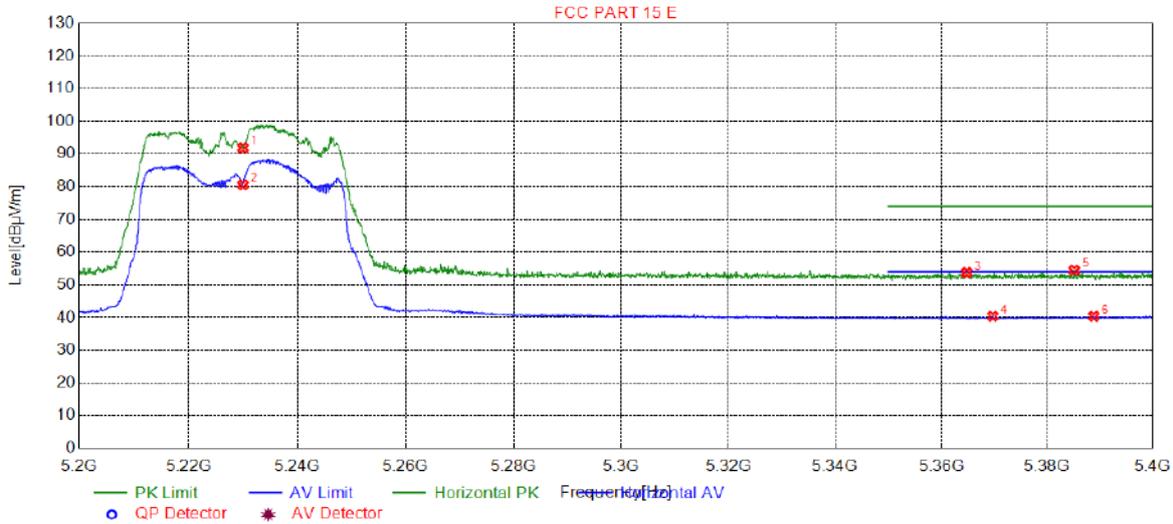


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**4.10.1.69 802.11AC40\_Channel 46**

**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	91.91	15.51	0.00	-91.91	133	62	Horizontal
2	5230.00	80.58	15.51	0.00	-80.58	248	62	Horizontal
3	5364.78	53.76	16.03	74.00	20.24	209	186	Horizontal
4	5369.68	40.40	16.06	54.00	13.60	104	103	Horizontal
5	5385.09	54.46	16.16	74.00	19.54	215	124	Horizontal
6	5388.79	40.39	16.18	54.00	13.61	241	311	Horizontal

**Final Data List**



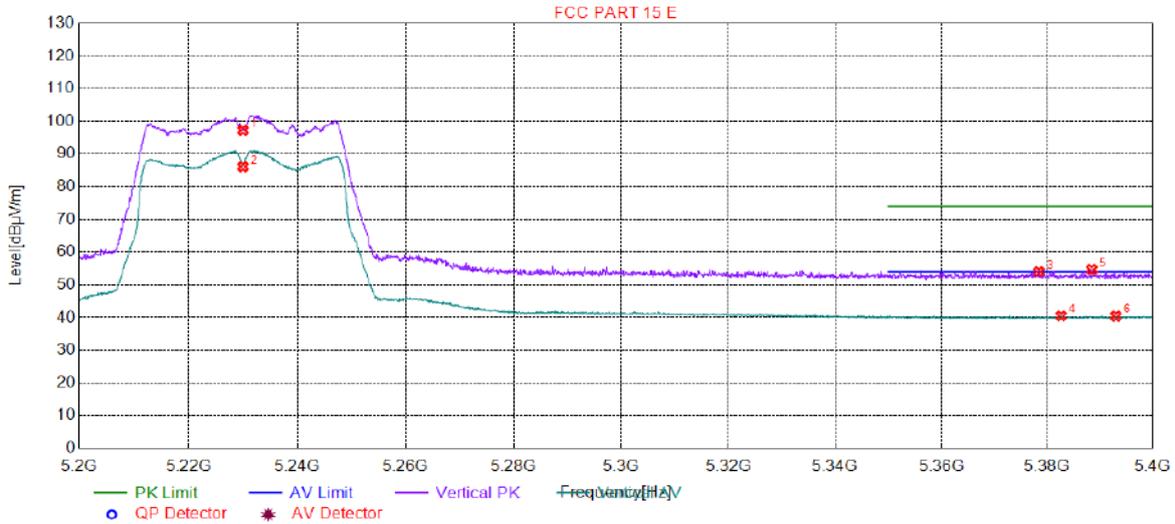
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**4.10.1.70 802.11AC40\_Channel 46**

**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	97.29	15.51	0.00	-97.29	245	340	Vertical
2	5230.00	86.12	15.51	0.00	-86.12	152	347	Vertical
3	5378.38	54.08	16.12	74.00	19.92	243	118	Vertical
4	5382.59	40.50	16.14	54.00	13.50	296	340	Vertical
5	5388.39	54.69	16.18	74.00	19.31	171	359	Vertical
6	5392.99	40.44	16.21	54.00	13.56	269	16	Vertical

**Final Data List**



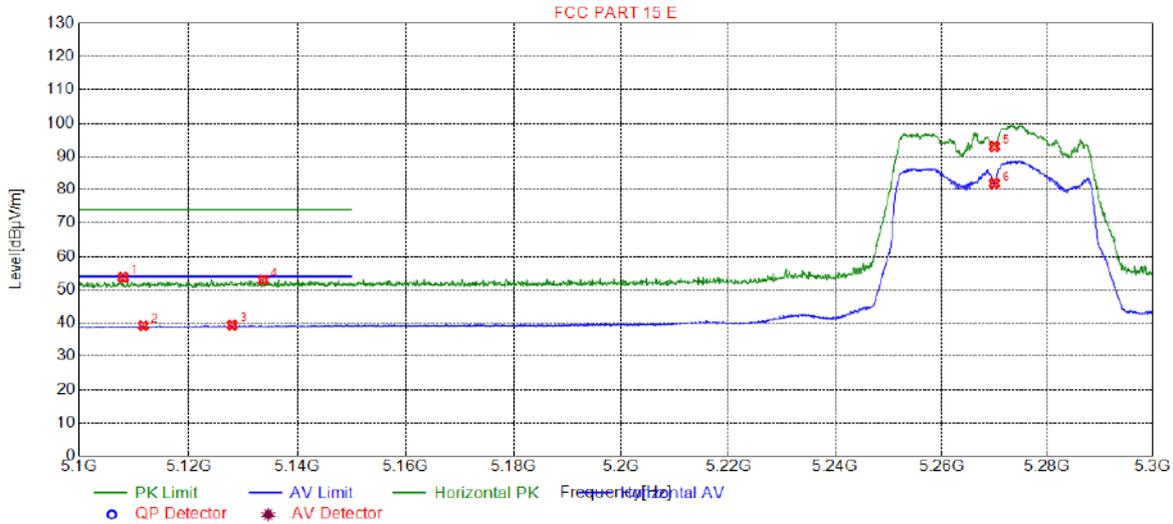
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**4.10.1.71 802.11AC40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.00	53.73	15.16	74.00	20.27	202	104	Horizontal
2	5111.70	39.21	15.19	54.00	14.79	162	2	Horizontal
3	5128.01	39.37	15.33	54.00	14.63	151	236	Horizontal
4	5133.71	52.95	15.38	74.00	21.05	127	284	Horizontal
5	5270.00	93.03	15.56	0.00	-93.03	206	63	Horizontal
6	5270.00	81.95	15.56	0.00	-81.95	210	63	Horizontal

**Final Data List**

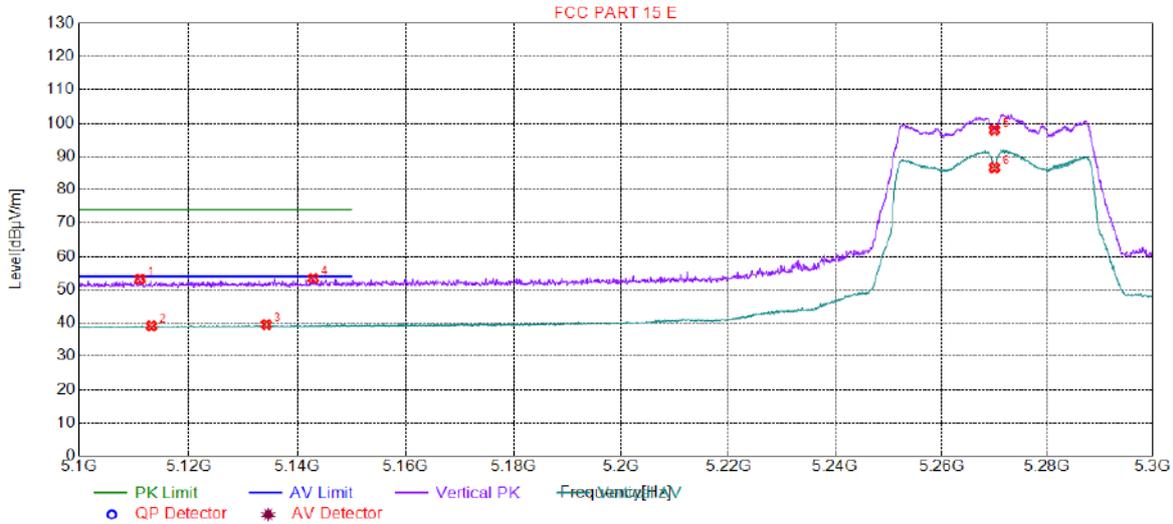


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**4.10.1.72 802.11AC40\_Channel 54**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5111.10	53.22	15.19	74.00	20.78	181	112	Vertical
2	5113.20	39.15	15.20	54.00	14.85	187	360	Vertical
3	5134.31	39.54	15.39	54.00	14.46	228	119	Vertical
4	5142.92	53.45	15.46	74.00	20.55	224	257	Vertical
5	5270.00	97.97	15.56	0.00	-97.97	288	346	Vertical
6	5270.00	86.65	15.56	0.00	-86.65	257	339	Vertical

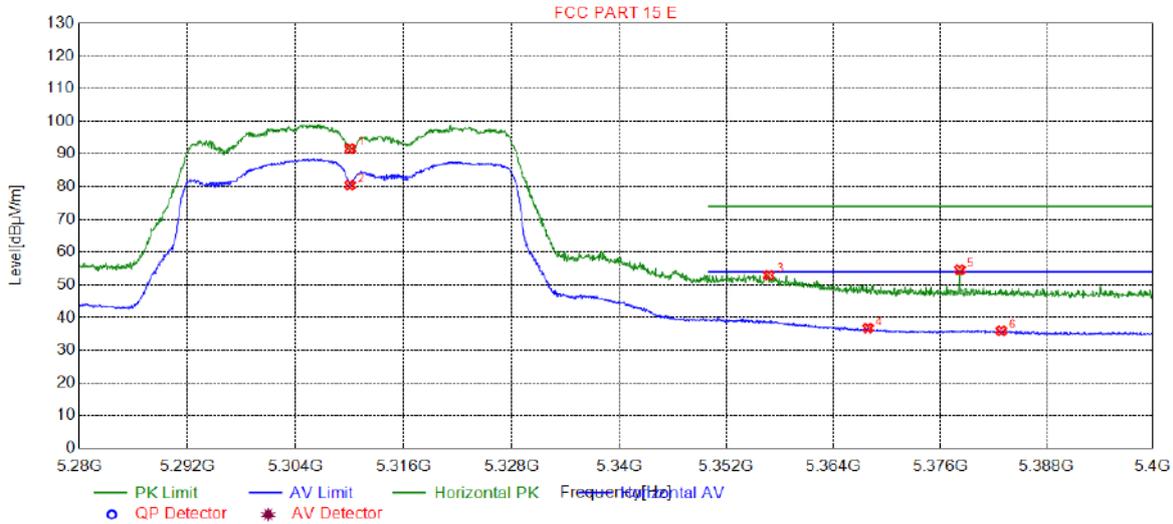
**Final Data List**



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**4.10.1.73 802.11AC40\_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	91.65	15.75	0.00	-91.65	185	144	Horizontal
2	5310.00	80.49	15.75	0.00	-80.49	149	151	Horizontal
3	5356.77	52.98	15.98	74.00	21.02	197	151	Horizontal
4	5367.88	36.77	16.05	54.00	17.23	117	151	Horizontal
5	5378.20	54.60	16.11	74.00	19.40	218	144	Horizontal
6	5382.89	35.94	16.14	54.00	18.06	207	158	Horizontal

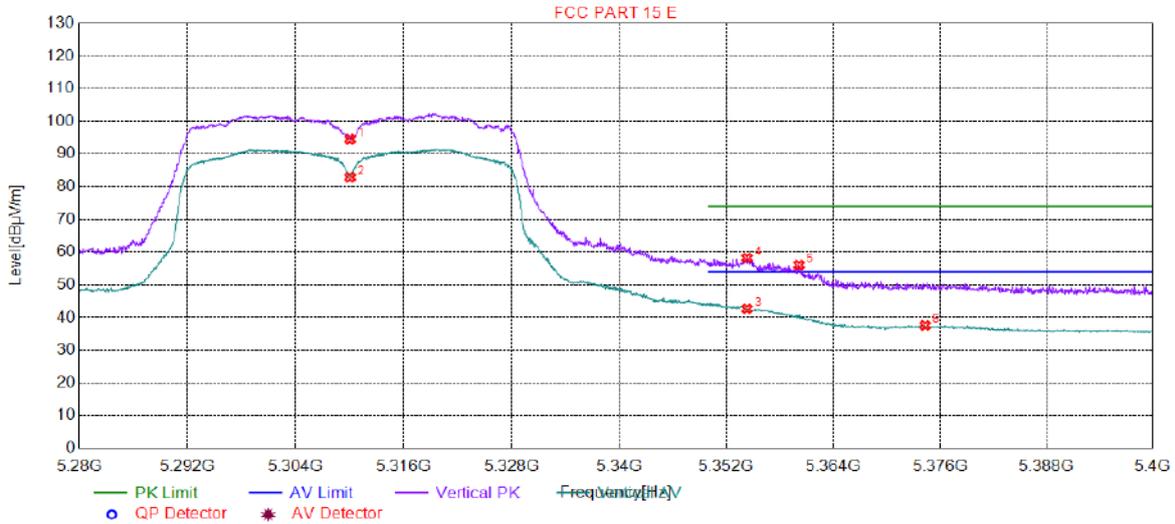
**Final Data List**



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**4.10.1.74 802.11AC40\_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	94.53	15.75	0.00	-94.53	180	332	Vertical
2	5310.00	82.94	15.75	0.00	-82.94	244	332	Vertical
3	5354.31	42.66	15.97	54.00	11.34	258	16	Vertical
4	5354.31	58.23	15.97	74.00	15.77	189	358	Vertical
5	5360.14	56.05	16.00	74.00	17.95	166	29	Vertical
6	5374.30	37.60	16.09	54.00	16.40	232	339	Vertical

**Final Data List**

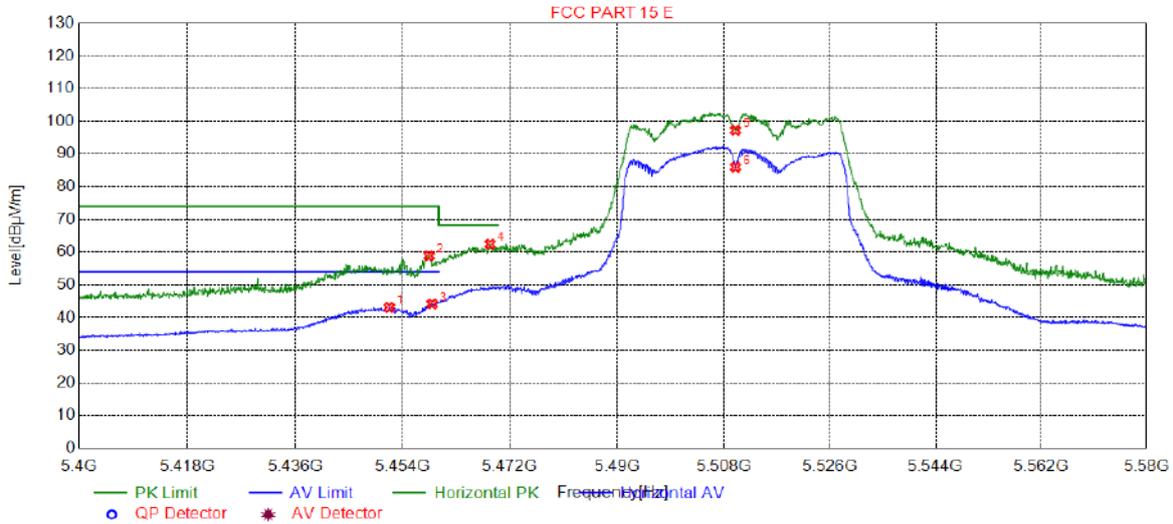


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**4.10.1.75 802.11AC40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5451.68	43.12	16.25	54.00	10.88	183	196	Horizontal
2	5458.34	58.88	16.25	74.00	15.12	246	149	Horizontal
3	5458.88	44.18	16.25	54.00	9.82	186	66	Horizontal
4	5468.61	62.46	16.25	68.30	5.84	154	149	Horizontal
5	5510.00	97.28	16.28	0.00	-97.28	214	202	Horizontal
6	5510.00	85.97	16.28	0.00	-85.97	168	156	Horizontal

**Final Data List**

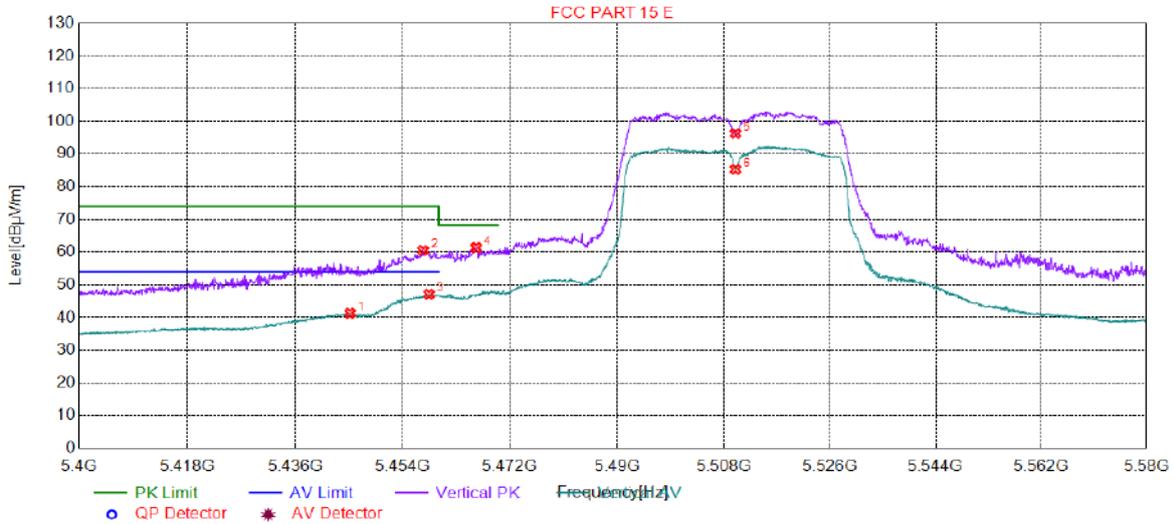


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**4.10.1.76 802.11AC40\_Channel 102**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5445.11	41.31	16.25	54.00	12.69	181	338	Vertical
2	5457.35	60.56	16.25	74.00	13.44	152	23	Vertical
3	5458.34	47.10	16.25	54.00	6.90	299	357	Vertical
4	5466.27	61.38	16.25	68.30	6.92	226	23	Vertical
5	5510.00	96.29	16.28	0.00	-96.29	228	167	Vertical
6	5510.00	85.31	16.28	0.00	-85.31	288	160	Vertical

**Final Data List**

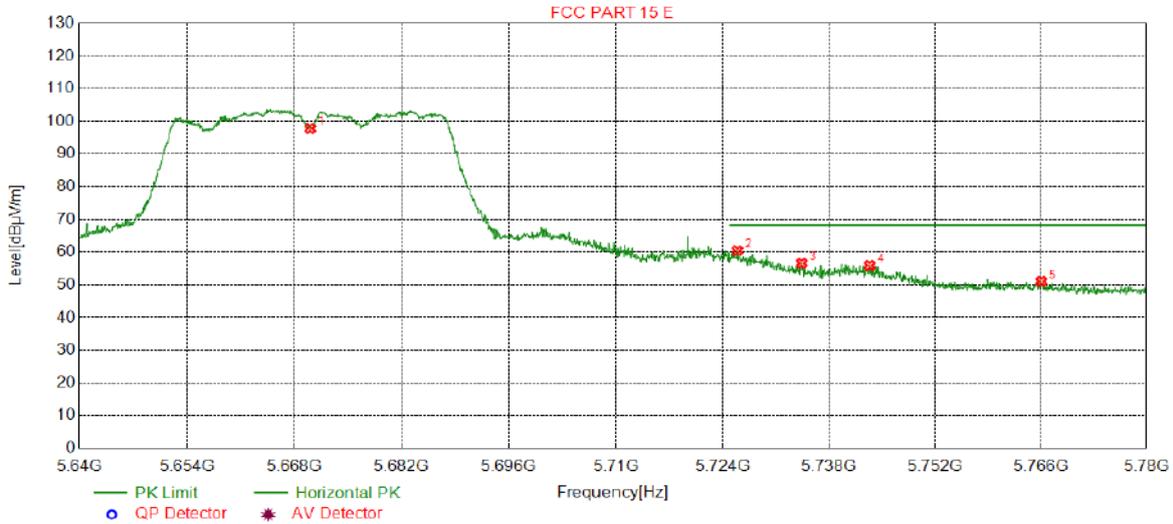


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**4.10.1.77 802.11AC40\_Channel 134**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	97.82	16.64	0.00	-97.82	148	197	Horizontal
2	5725.93	60.50	16.97	68.30	7.80	189	67	Horizontal
3	5734.40	56.61	17.02	68.30	11.69	151	193	Horizontal
4	5743.37	55.92	17.08	68.30	12.38	209	81	Horizontal
5	5766.06	51.06	17.14	68.30	17.24	165	90	Horizontal

**Final Data List**

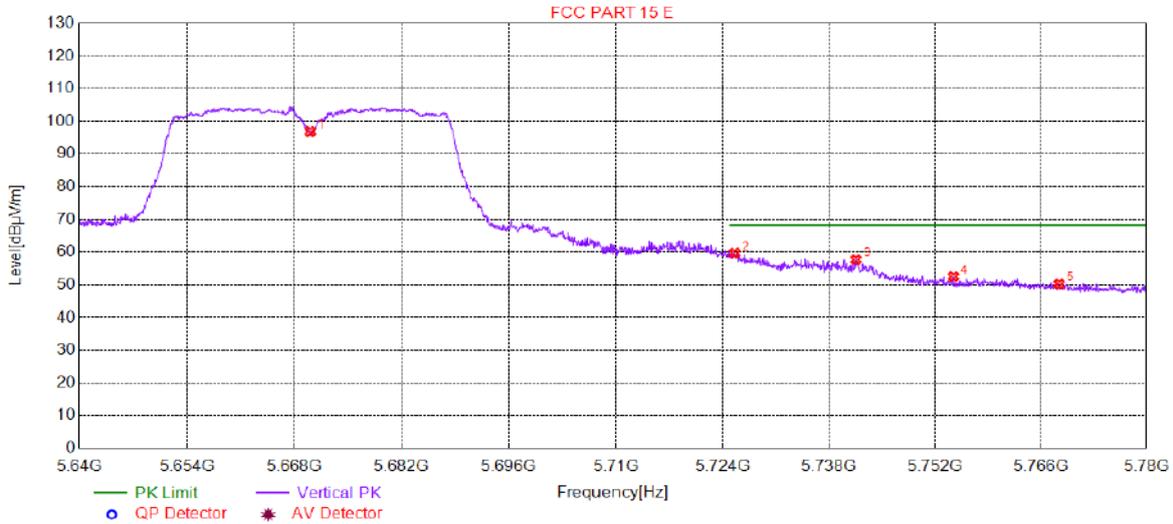


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**4.10.1.78 802.11AC40\_Channel 134**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5670.00	96.88	16.64	0.00	-96.88	175	163	Vertical
2	5725.58	59.72	16.96	68.30	8.58	223	359	Vertical
3	5741.55	57.70	17.07	68.30	10.60	213	38	Vertical
4	5754.43	52.57	17.13	68.30	15.73	274	43	Vertical
5	5768.44	50.24	17.15	68.30	18.06	183	38	Vertical

**Final Data List**

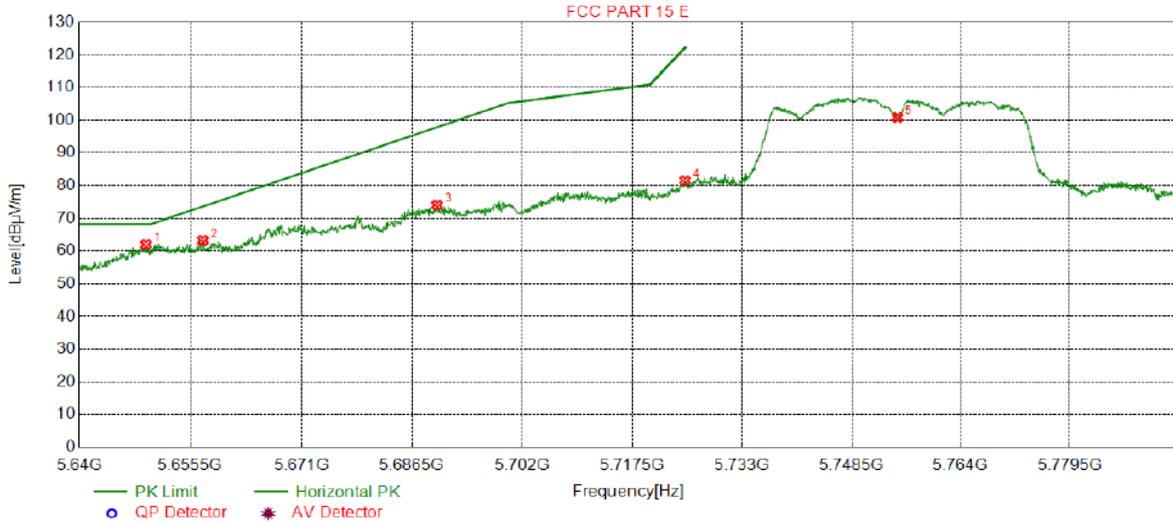


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4.10.1.80 802.11AC40\_Channel 151

Test Graph



Suspected List

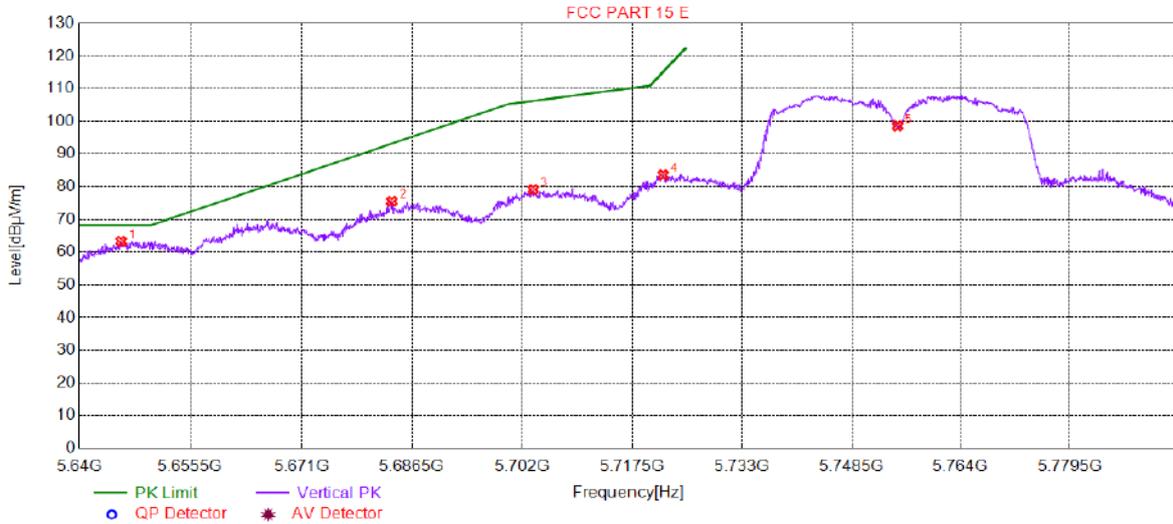
Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5649.30	62.02	16.53	68.30	6.28	137	69	Horizontal
2	5657.21	63.26	16.57	73.64	10.38	110	189	Horizontal
3	5690.01	74.09	16.75	97.91	23.82	238	73	Horizontal
4	5724.90	81.61	16.96	122.08	40.47	247	69	Horizontal
5	5755.00	100.86	17.13	0.00	-100.86	143	199	Horizontal

Final Data List



4.10.1.81 802.11AC40\_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.81	63.32	16.54	68.30	4.98	207	24	Vertical
2	5683.65	75.58	16.71	93.20	17.62	156	33	Vertical
3	5703.50	79.13	16.82	106.28	27.15	226	28	Vertical
4	5721.80	83.66	16.94	115.01	31.35	245	33	Vertical
5	5755.00	98.63	17.13	0.00	-98.63	216	152	Vertical

Final Data List

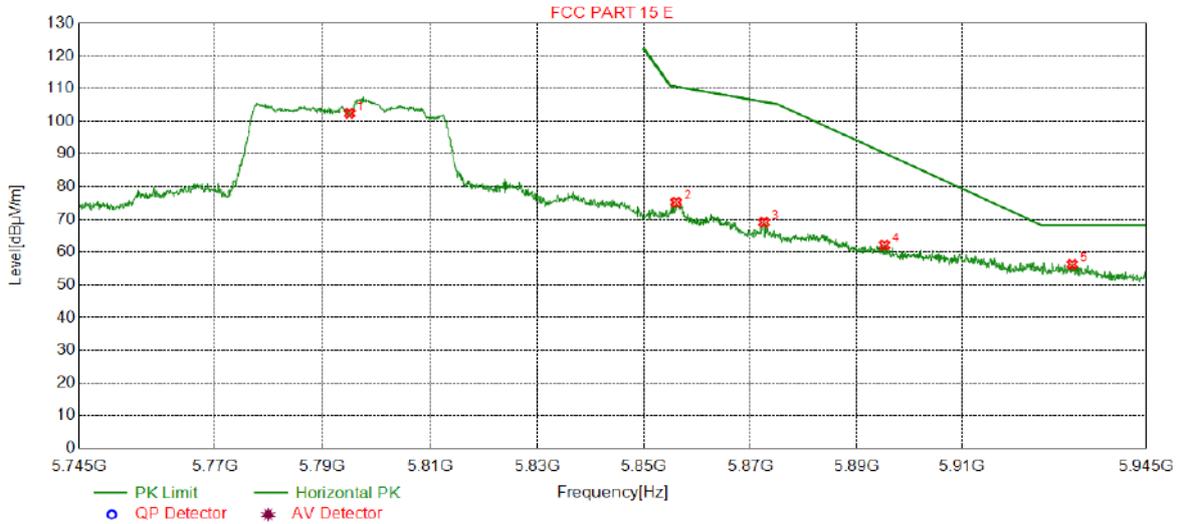


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**4.10.1.82 802.11AC40\_Channel 159**

**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	102.47	17.18	0.00	-102.47	211	84	Horizontal
2	5856.05	75.27	17.24	110.60	35.33	229	84	Horizontal
3	5872.56	69.15	17.19	105.98	36.83	176	70	Horizontal
4	5895.27	62.18	17.12	90.30	28.12	107	80	Horizontal
5	5930.89	56.24	17.59	68.30	12.06	139	84	Horizontal

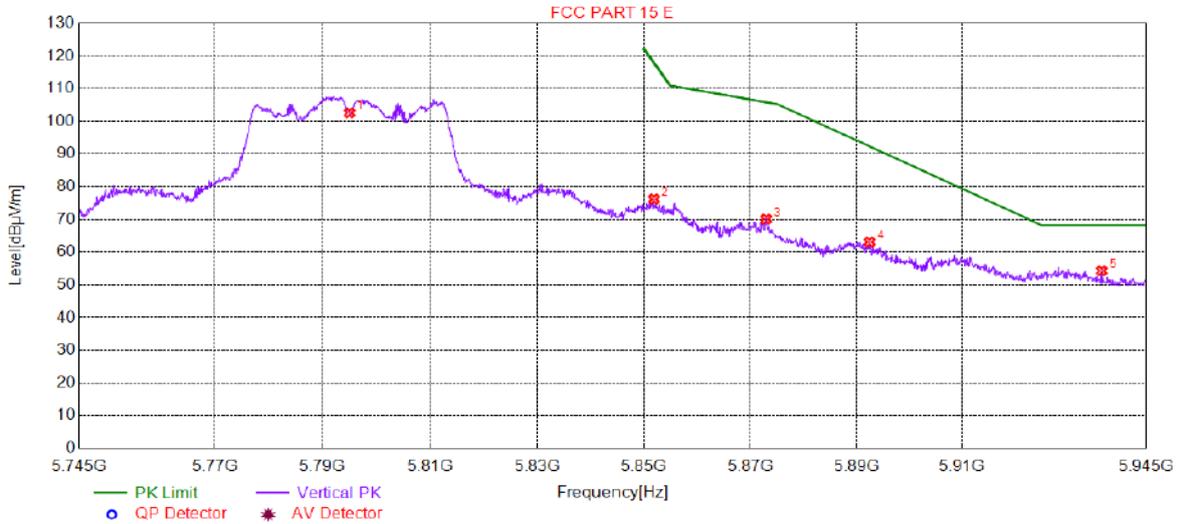
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**4.10.1.83 802.11AC40\_Channel 159**

**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	102.59	17.18	0.00	-102.59	277	36	Vertical
2	5851.85	76.22	17.25	118.07	41.85	194	27	Vertical
3	5872.96	70.13	17.19	105.87	35.74	204	27	Vertical
4	5892.47	63.09	17.13	92.37	29.28	235	32	Vertical
5	5936.49	54.31	17.67	68.30	13.99	285	299	Vertical

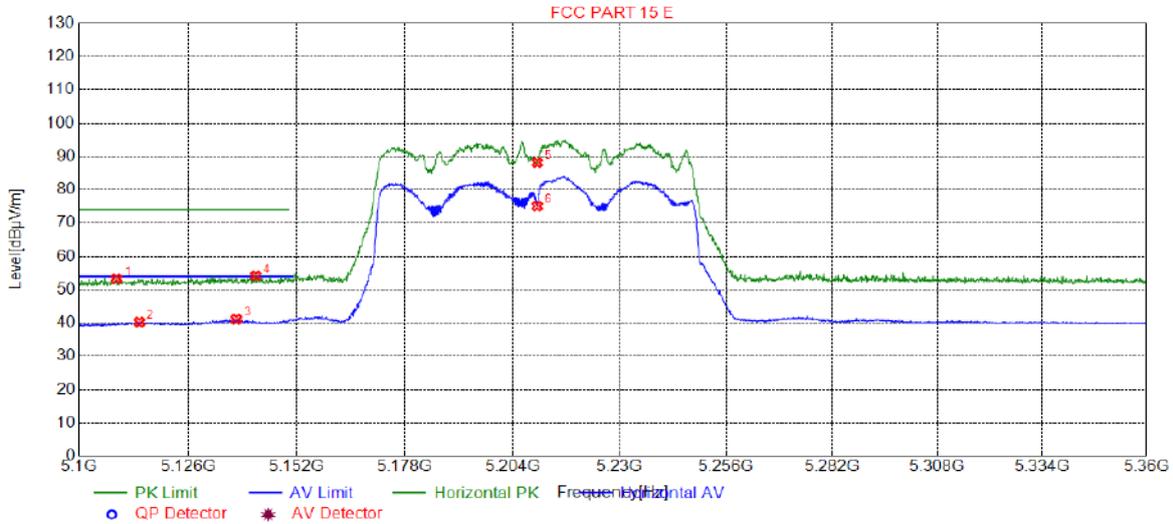
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**4.10.1.84 802.11AC80\_Channel 42**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.84	53.29	15.17	74.00	20.71	101	76	Horizontal
2	5114.30	40.28	15.21	54.00	13.72	133	159	Horizontal
3	5137.45	41.14	15.41	54.00	12.86	210	159	Horizontal
4	5142.14	54.21	15.45	74.00	19.79	109	16	Horizontal
5	5210.00	88.15	15.56	0.00	-88.15	158	166	Horizontal
6	5210.00	75.10	15.56	0.00	-75.10	115	56	Horizontal

**Final Data List**

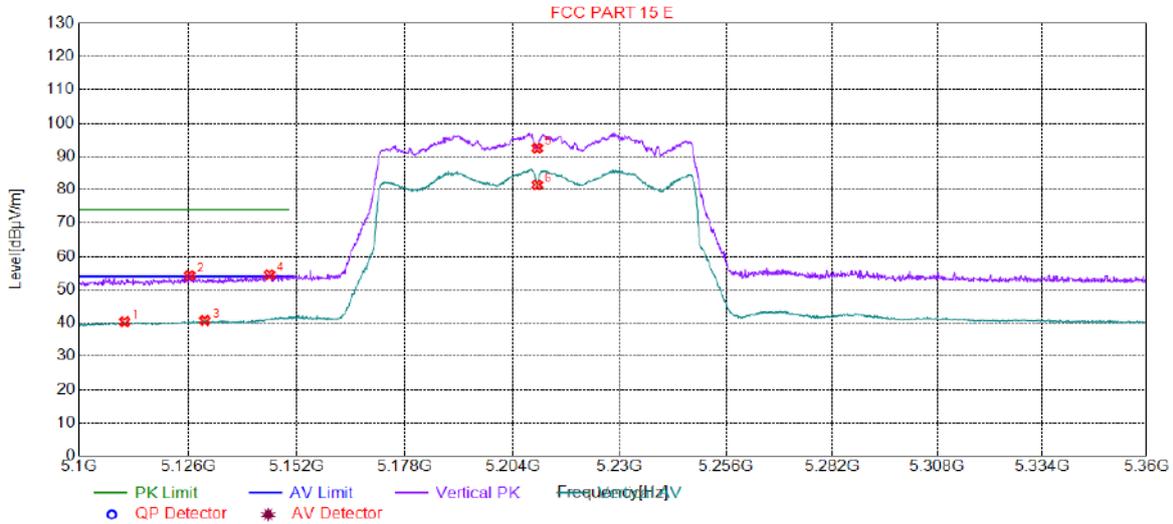


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**4.10.1.85 802.11AC80\_Channel 42**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5110.79	40.41	15.18	54.00	13.59	156	338	Vertical
2	5126.27	54.29	15.32	74.00	19.71	258	0	Vertical
3	5129.91	40.76	15.35	54.00	13.24	171	344	Vertical
4	5145.39	54.54	15.48	74.00	19.46	299	2	Vertical
5	5210.00	92.50	15.56	0.00	-92.50	240	338	Vertical
6	5210.00	81.48	15.56	0.00	-81.48	287	338	Vertical

**Final Data List**

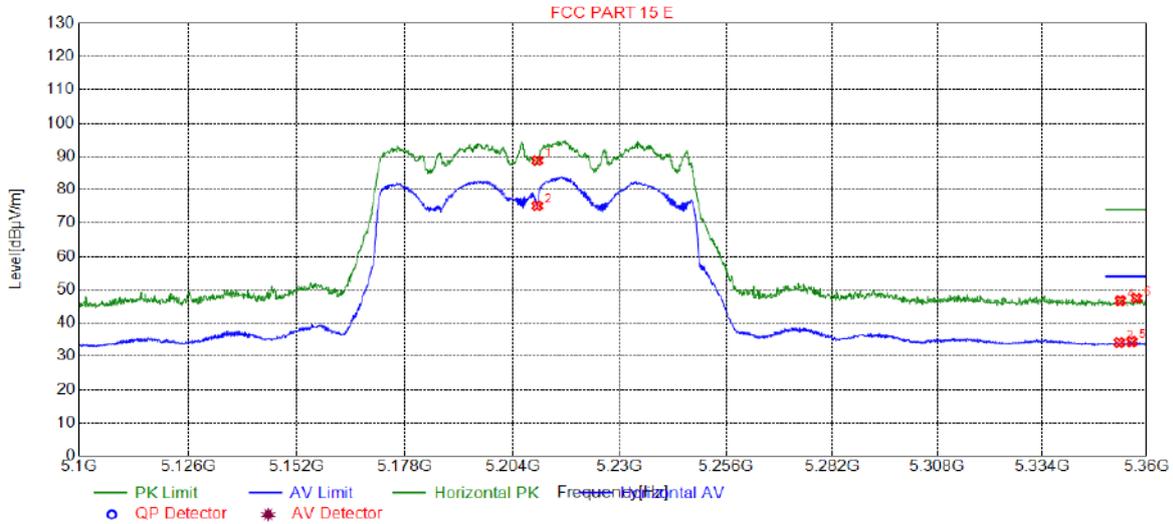


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**4.10.1.86 802.11AC80\_Channel 42**

**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	88.78	15.56	0.00	-88.78	174	160	Horizontal
2	5210.00	75.19	15.56	0.00	-75.19	115	160	Horizontal
3	5353.23	34.14	15.96	54.00	19.86	215	153	Horizontal
4	5353.49	46.73	15.96	74.00	27.27	144	153	Horizontal
5	5356.35	34.42	15.98	54.00	19.58	205	160	Horizontal
6	5357.52	47.49	15.99	74.00	26.51	191	91	Horizontal

**Final Data List**

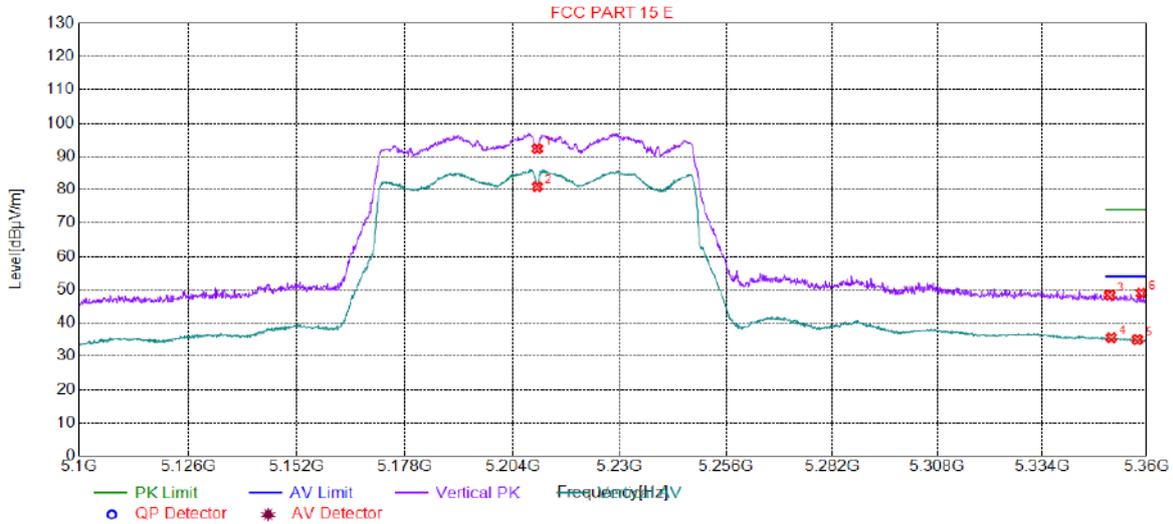


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4.10.1.87 802.11AC80\_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5210.00	92.34	15.56	0.00	-92.34	294	338	Vertical
2	5210.00	80.94	15.56	0.00	-80.94	171	331	Vertical
3	5350.89	48.41	15.95	74.00	25.59	177	331	Vertical
4	5351.28	35.60	15.95	54.00	18.40	293	344	Vertical
5	5357.78	35.04	15.99	54.00	18.96	289	338	Vertical
6	5358.69	48.98	15.99	74.00	25.02	150	325	Vertical

Final Data List

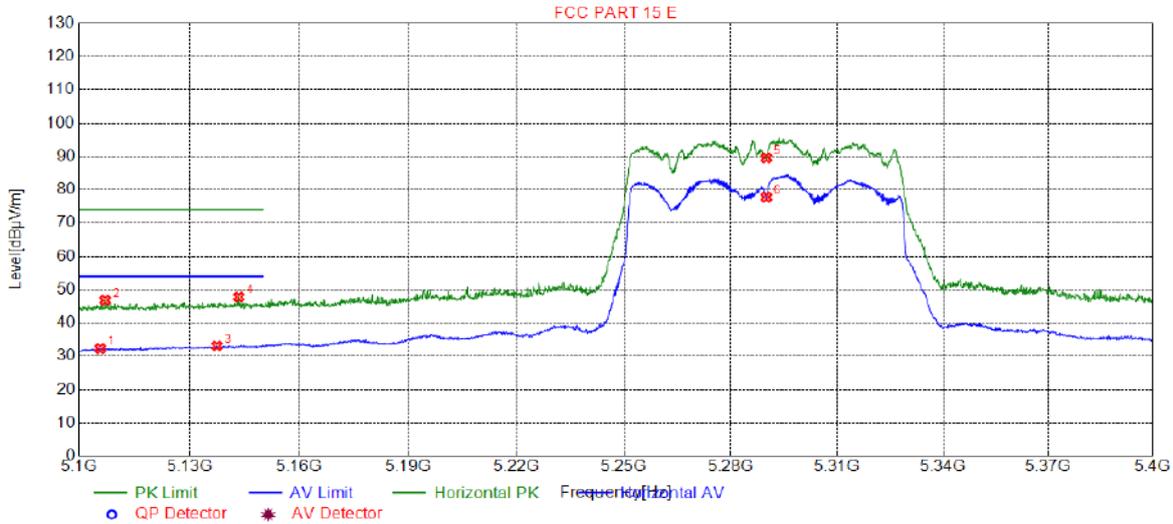


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**4.10.1.88 802.11AC80\_Channel 58**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5105.70	32.37	15.14	54.00	21.63	151	64	Horizontal
2	5107.05	46.87	15.15	74.00	27.13	170	202	Horizontal
3	5137.51	33.15	15.41	54.00	20.85	194	57	Horizontal
4	5143.52	47.85	15.46	74.00	26.15	130	161	Horizontal
5	5290.00	89.59	15.65	0.00	-89.59	101	71	Horizontal
6	5290.00	77.77	15.65	0.00	-77.77	212	64	Horizontal

**Final Data List**



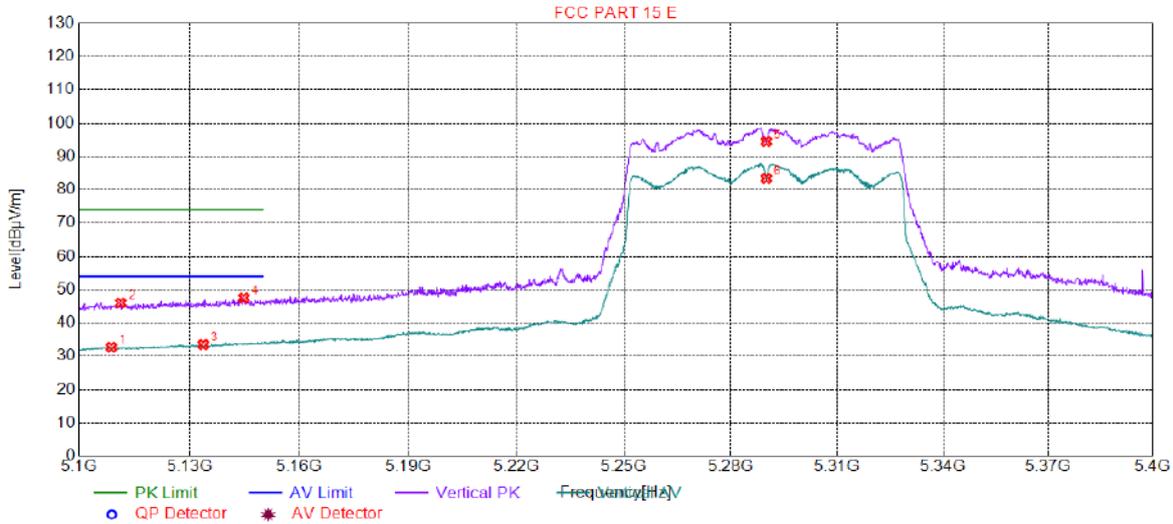
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**4.10.1.89 802.11AC80\_Channel 58**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.70	32.74	15.16	54.00	21.26	232	337	Vertical
2	5111.25	46.07	15.19	74.00	27.93	182	268	Vertical
3	5133.76	33.52	15.38	54.00	20.48	298	331	Vertical
4	5144.87	47.58	15.48	74.00	26.42	252	316	Vertical
5	5290.00	94.49	15.65	0.00	-94.49	299	331	Vertical
6	5290.00	83.45	15.65	0.00	-83.45	214	344	Vertical

**Final Data List**

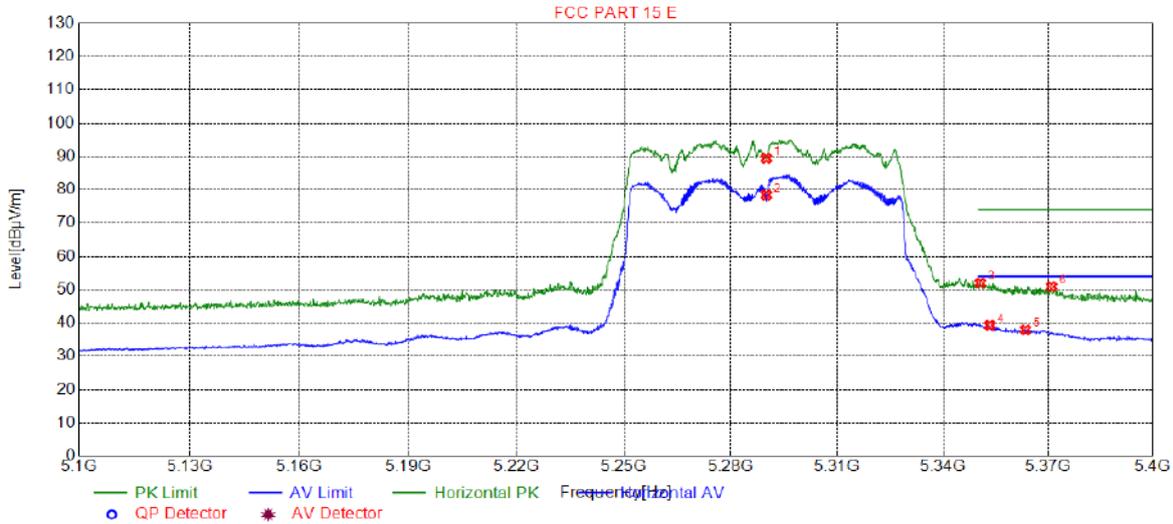


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**4.10.1.90 802.11AC80\_Channel 58**

**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	89.45	15.65	0.00	-89.45	183	70	Horizontal
2	5290.00	78.45	15.65	0.00	-78.45	136	63	Horizontal
3	5350.62	52.00	15.94	74.00	22.00	226	77	Horizontal
4	5353.32	39.33	15.96	54.00	14.67	237	160	Horizontal
5	5363.53	37.96	16.02	54.00	16.04	100	63	Horizontal
6	5370.88	50.93	16.07	74.00	23.07	240	77	Horizontal

**Final Data List**

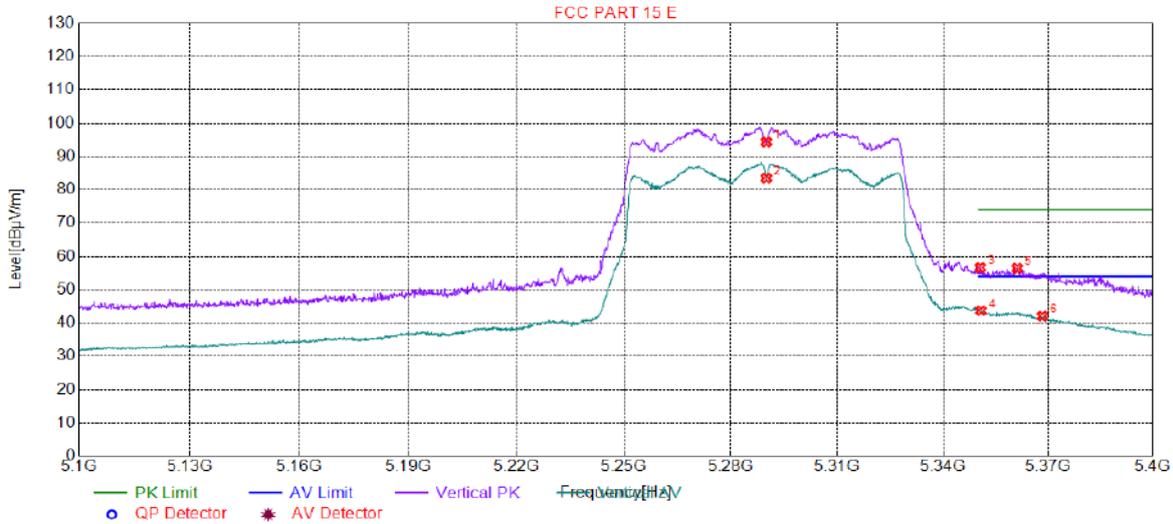


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**4.10.1.91 802.11AC80\_Channel 58**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5290.00	94.34	15.65	0.00	-94.34	156	338	Vertical
2	5290.00	83.52	15.65	0.00	-83.52	242	344	Vertical
3	5350.62	56.67	15.94	74.00	17.33	258	344	Vertical
4	5350.77	43.69	15.94	54.00	10.31	243	344	Vertical
5	5361.13	56.42	16.01	74.00	17.58	234	22	Vertical
6	5368.33	42.03	16.05	54.00	11.97	204	344	Vertical

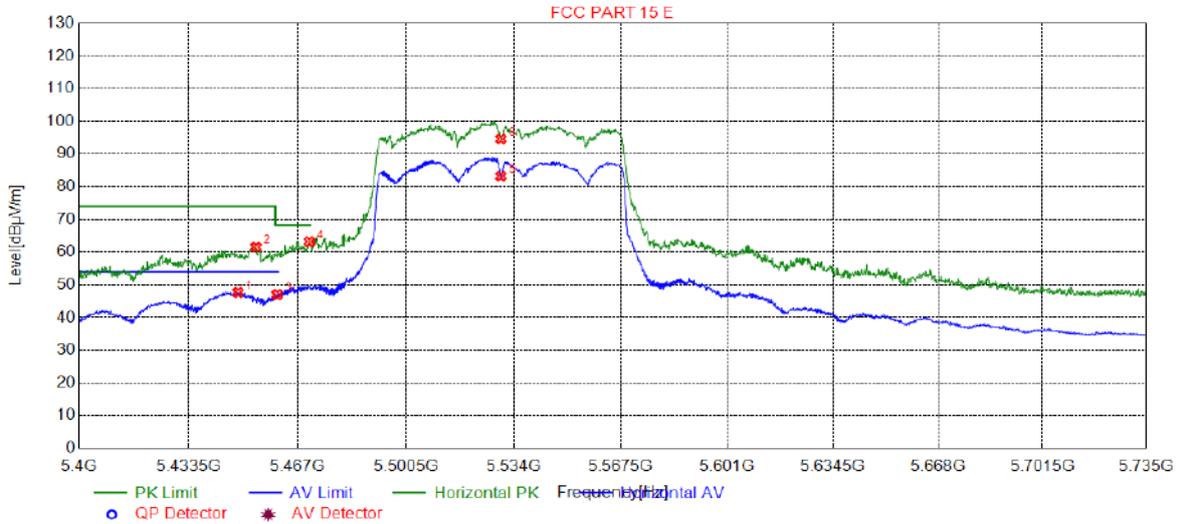
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**4.10.1.92 802.11AC80\_Channel 106**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5448.59	47.68	16.25	54.00	6.32	214	145	Horizontal
2	5454.12	61.55	16.25	74.00	12.45	233	166	Horizontal
3	5460.66	47.02	16.25	54.00	6.98	104	152	Horizontal
4	5470.55	63.20	16.25	68.30	5.10	188	206	Horizontal
5	5530.00	83.26	16.35	0.00	-83.26	208	206	Horizontal
6	5530.00	94.61	16.35	0.00	-94.61	166	166	Horizontal

**Final Data List**

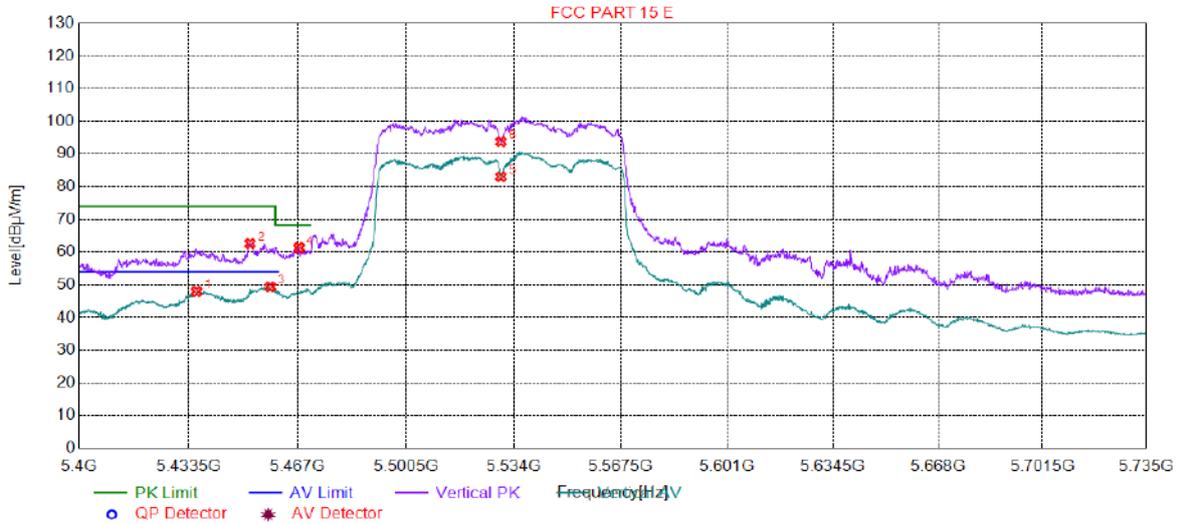


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**4.10.1.93 802.11AC80\_Channel 106**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5435.86	47.95	16.25	54.00	6.05	294	28	Vertical
2	5452.28	62.63	16.25	74.00	11.37	202	344	Vertical
3	5458.48	49.36	16.25	54.00	4.64	208	7	Vertical
4	5467.36	61.38	16.25	68.30	6.92	175	159	Vertical
5	5530.00	83.10	16.35	0.00	-83.10	249	152	Vertical
6	5530.00	93.75	16.35	0.00	-93.75	175	145	Vertical

**Final Data List**

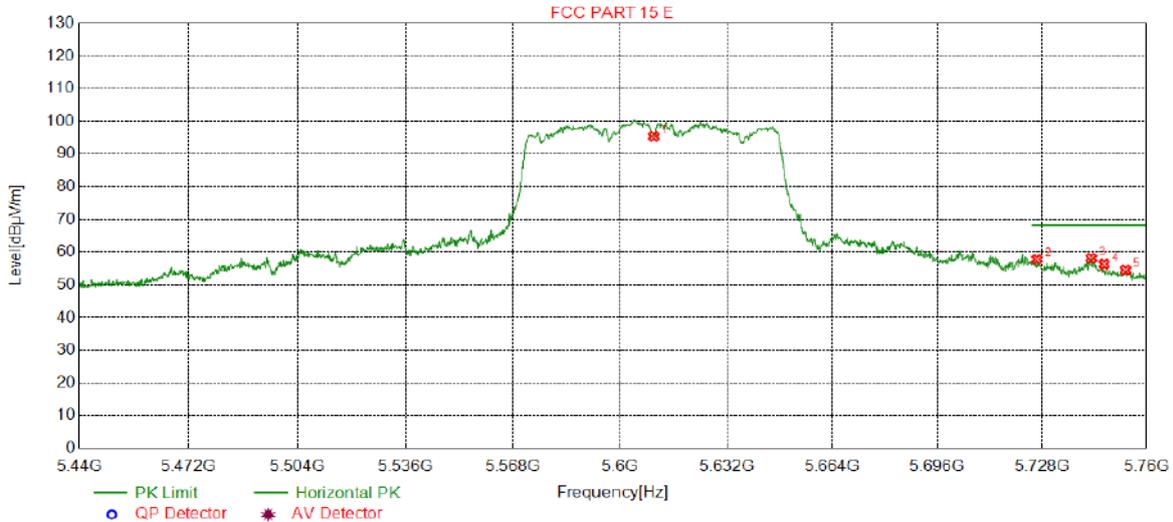


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**4.10.1.94 802.11AC80\_Channel 122**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5610.00	95.41	16.58	0.00	-95.41	145	162	Horizontal
2	5726.38	57.82	16.97	68.30	10.48	153	78	Horizontal
3	5743.03	58.14	17.08	68.30	10.16	163	74	Horizontal
4	5747.03	56.32	17.10	68.30	11.98	201	74	Horizontal
5	5753.59	54.52	17.13	68.30	13.78	114	240	Horizontal

**Final Data List**

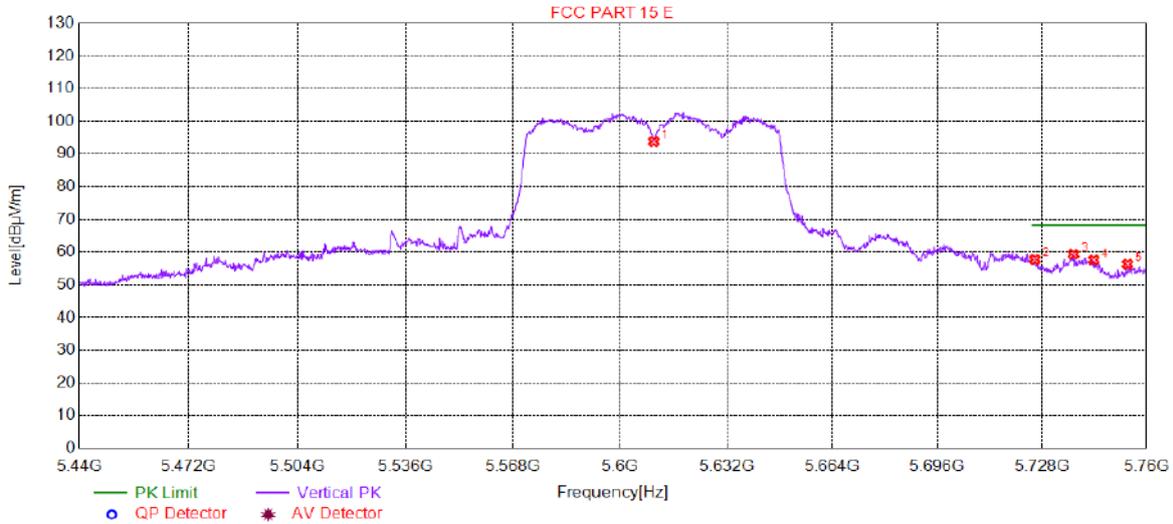


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**4.10.1.95 802.11AC80\_Channel 122**

**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	93.82	16.58	0.00	-93.82	289	150	Vertical
2	5725.74	57.73	16.96	68.30	10.57	222	331	Vertical
3	5737.58	59.40	17.04	68.30	8.90	224	31	Vertical
4	5743.83	57.63	17.08	68.30	10.67	190	344	Vertical
5	5754.23	56.30	17.13	68.30	12.00	216	31	Vertical

**Final Data List**

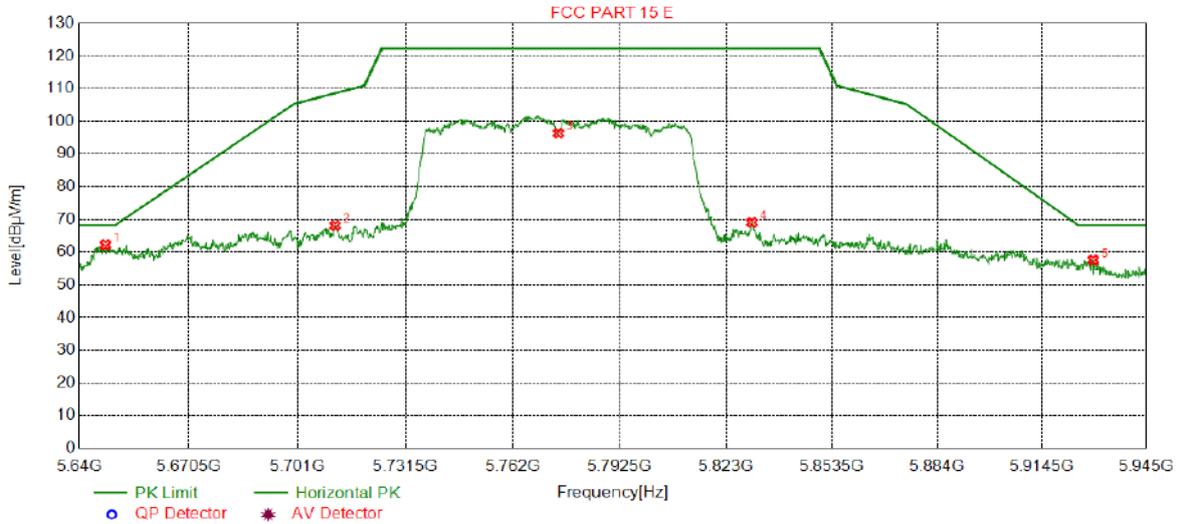


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**4.10.1.97 802.11AC80\_Channel 155**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.32	62.24	16.53	68.30	6.06	181	71	Horizontal
2	5711.71	68.16	16.87	108.58	40.42	247	76	Horizontal
3	5775.00	96.37	17.16	122.30	25.93	214	196	Horizontal
4	5830.41	69.11	17.23	122.30	53.19	160	85	Horizontal
5	5929.43	57.59	17.56	68.30	10.71	225	80	Horizontal

**Final Data List**

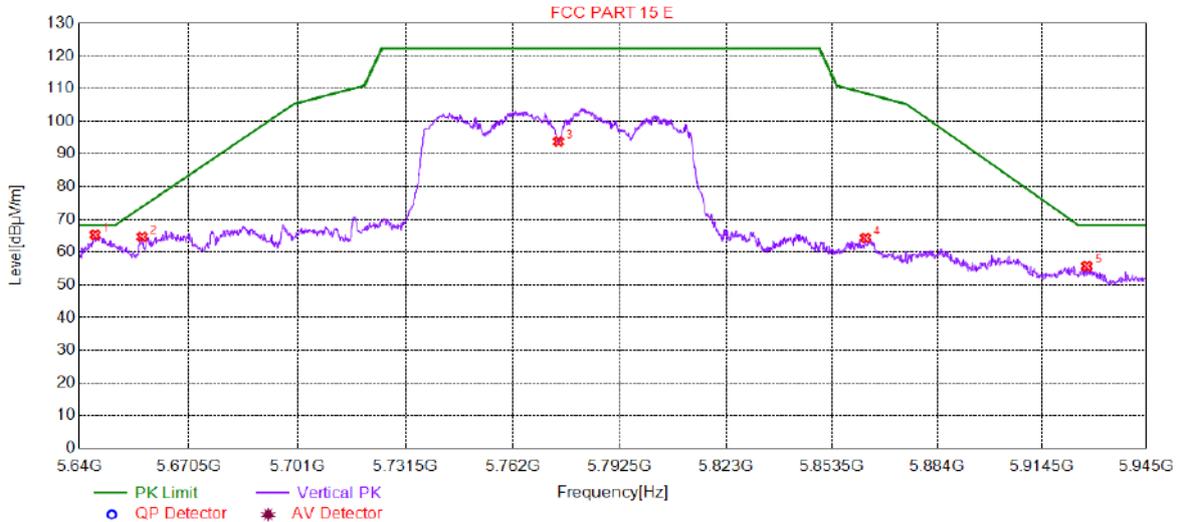


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**4.10.1.98 802.11AC80\_Channel 155**

**Test Graph**



**Suspected List**

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5644.42	65.29	16.54	68.30	3.01	200	26	Vertical
2	5657.54	64.68	16.57	73.88	9.20	200	21	Vertical
3	5775.00	93.81	17.16	122.30	28.49	208	151	Vertical
4	5863.21	64.32	17.22	108.60	44.28	244	31	Vertical
5	5927.60	55.71	17.54	68.30	12.59	177	285	Vertical

**Final Data List**

**Remark:**

The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level = Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

All modes have been tested, but only the worst case data displayed in this report.



## 4.11 Frequencies Stability

### 4.11.1 Frequency Error vs. Voltage:

Test Conditions	Measured Frequency ( MHz )	
	5180	5805
V nom(V)	5180.000746	5825.007261
V max(V)	5180.006382	5825.013795
V min(V)	5180.007268	5825.018294
Max. Deviation Frequency	0.007268	0.018294
Max. Frequency Error (ppm)	1.403022	3.140578

### 4.11.2 Frequency Error vs. Temperature:

Test Conditions(°C)	Measured Frequency ( MHz )	
	5180	5805
-5	5180.001143	5825.009871
5	5180.002967	5825.019729
15	5180.012881	5825.020124
25	5180.022526	5825.026564
35	5180.028903	5825.031403
45	5180.031475	5825.037761
50	5180.032268	5825.046462
Max. Deviation Frequency	0.032268	0.046462
Max. Frequency Error (ppm)	6.229358	7.976337



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## 4.12 Dynamic Frequency Selection

### 4.12.1 DFS Overview

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

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

**Table 2: Applicability of DFS requirements during normal operation**

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



**4.12.2 DFS Detection Thresholds**

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

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

**4.12.3 Response Requirements**

**Table 4: DFS Response Requirement Values**

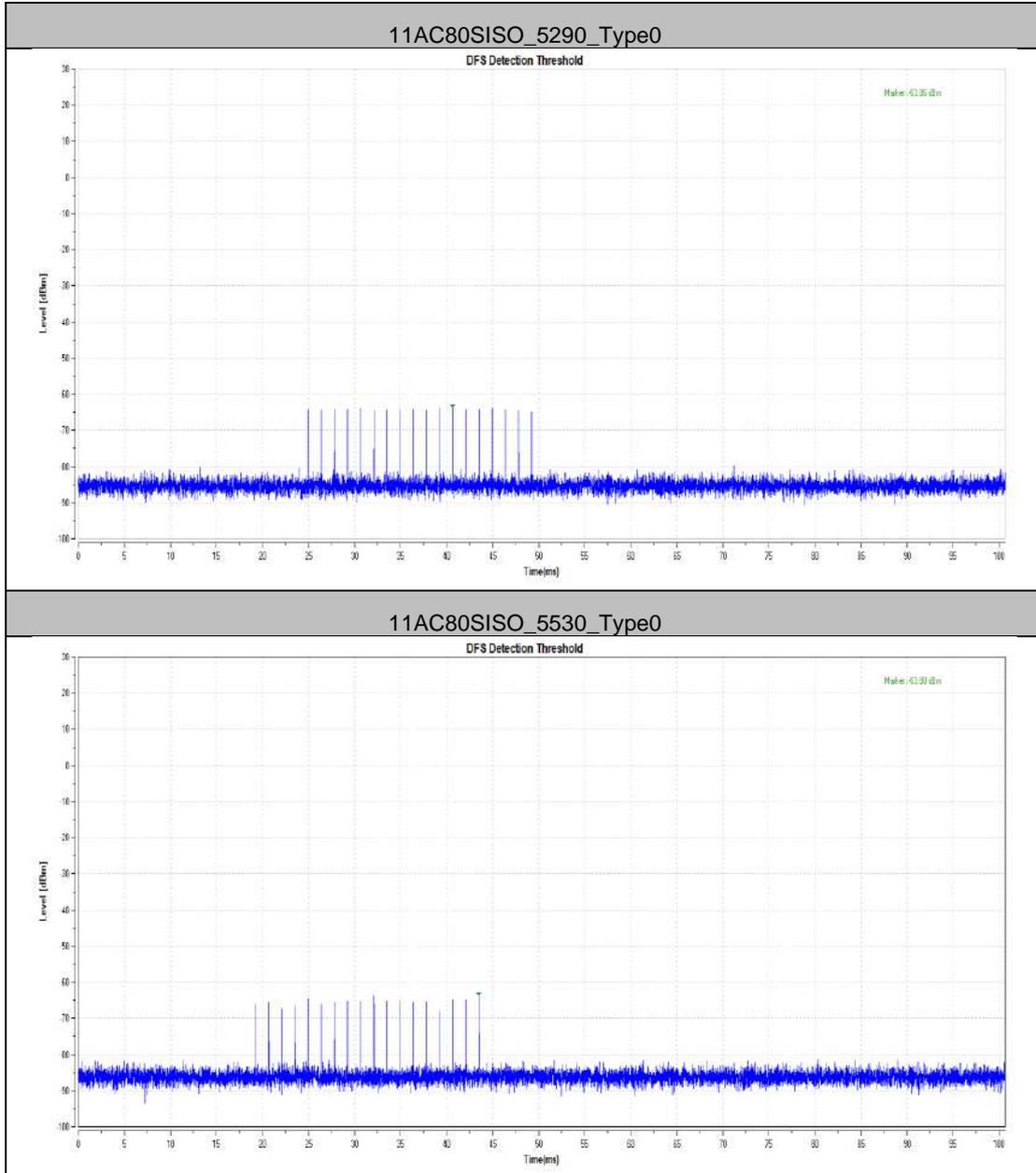
Parameter	Value
<i>Non-occupancy period</i>	Minimum 30 minutes
<i>Channel Availability Check Time</i>	60 seconds
<i>Channel Move Time</i>	10 seconds See Note 1.
<i>Channel Closing Transmission Time</i>	200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period. See Notes 1 and 2.
<i>U-NII Detection Bandwidth</i>	Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3.
<p><b>Note 1:</b> <i>Channel Move Time</i> and the <i>Channel Closing Transmission Time</i> should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.</p> <p><b>Note 2:</b> The <i>Channel Closing Transmission Time</i> is comprised of 200 milliseconds starting at the beginning of the <i>Channel Move Time</i> plus any additional intermittent control signals required to facilitate a <i>Channel</i> move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.</p> <p><b>Note 3:</b> During the <i>U-NII Detection Bandwidth</i> detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.</p>	



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4.12.4 Test plots  
4.12.4.1 Radar Waveform Calibration Result

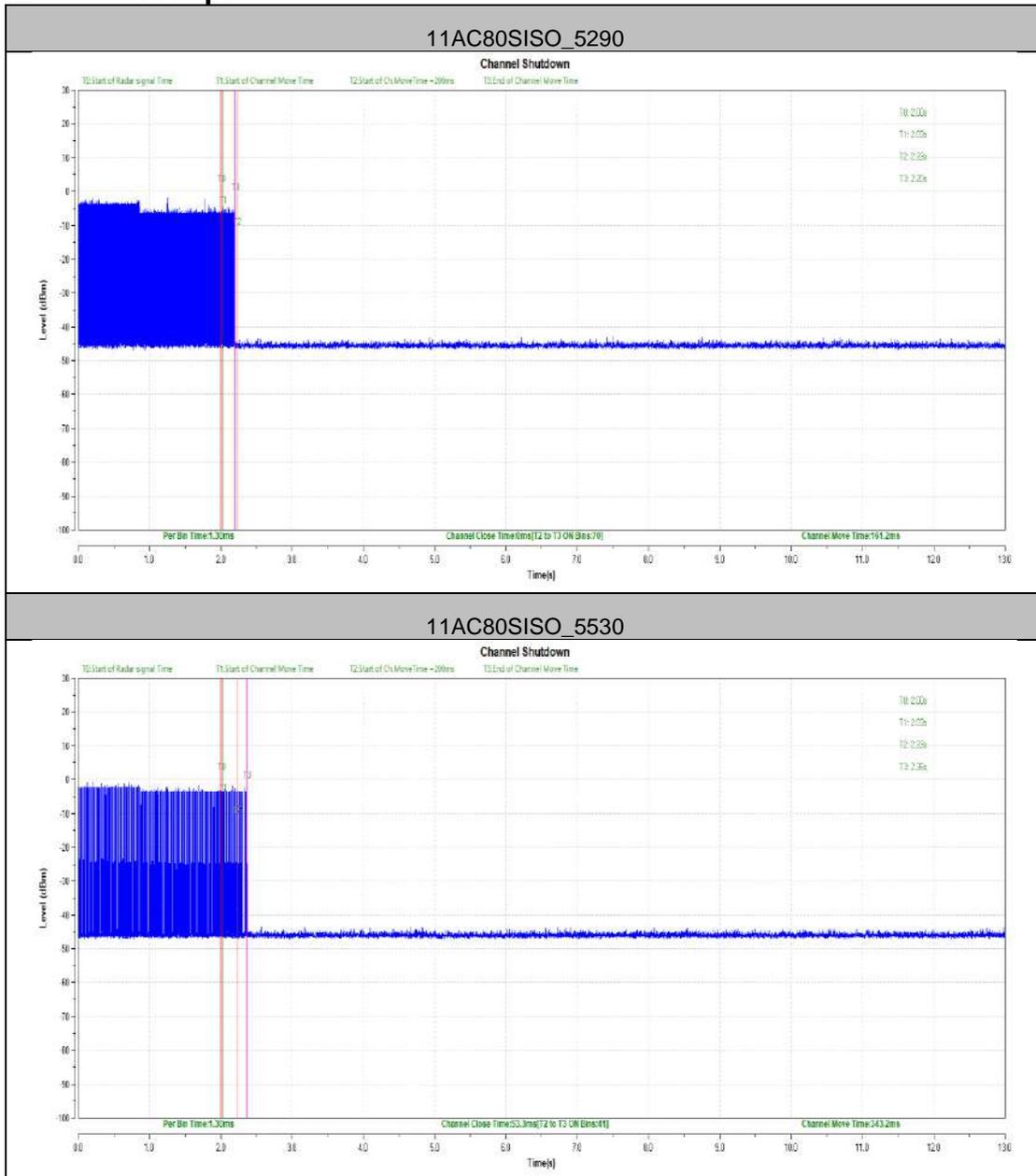


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Test Data:

BW/Channel	Test Item	Test Result	Limit	Results
80MHz / 5290MHz	Channel Move Time	0.161s	<10s	Pass
	Channel Closing Transmission Time	0ms	<60ms	Pass
80MHz / 5530MHz	Channel Move Time	0.343s	<10s	Pass
	Channel Closing Transmission Time	53.3ms	<60ms	Pass

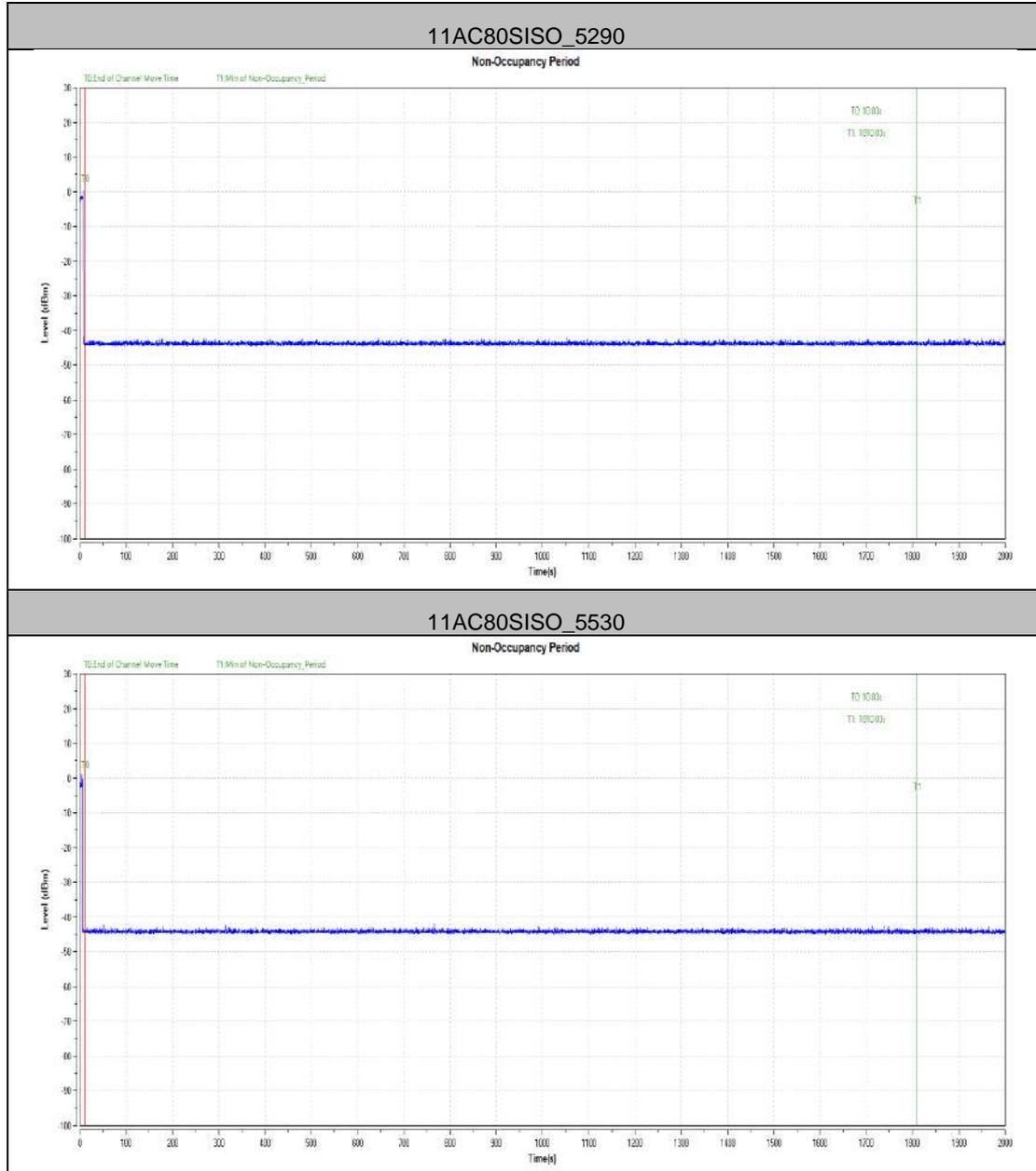
**4.12.4.2 Test plots**



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

Lab A:

No.	Item	Measurement Uncertainty
1	Total RF power, conducted	±0.75dB
2	RF power density, conducted	±2.84dB
3	Spurious emissions, conducted	±0.75dB
4	Temperature test	±1°C
5	Humidity test	±3%
6	DC and low frequency voltages	±0.5%

Lab B:

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 3.0dB (150kHz to 30MHz)
2	Radiated Emission	± 4.8dB (Below 1GHz)
		± 4.8dB (1GHz to 6GHz)
		± 4.5dB (6GHz to 18GHz)
		± 5.02dB (Above 18GHz)



## 6 Equipment List

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

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



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RSE Test System					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
Semi-Anechoic Chamber	Brilliant-emc	N/A	XAW03-35-01	2019-09-11	2022-09-10
MXA signal analyzer	Keysight	N9020A	XAW01-06-01	2020-04-02	2021-04-01
Spectrum Analyzer	Keysight	N9020B	XAW01-11-03	2020-04-15	2021-04-14
Test receiver	ROHDE&SCHWARZ	ESR	XAW01-08-05	2020-04-12	2021-04-11
Receiving antenna (30MHz-3GHz)	Schwarzbeck	VULB 9163	XAW01-09-01	2019-10-13	2021-10-12
Receiving antenna (1GHz~18GHz)	Schwarzbeck	BBHA 9120D	XAW01-09-02	2019-10-13	2021-10-12
Receiving antenna (15GHz~40GHz)	Schwarzbeck	BBHA 9170	XAW01-09-03	2019-10-13	2021-10-12
Directional antenna rack controller	Max-Full	MF-7802BS	XAW03-03-01	NCR	NCR
High-speed antenna rack controller	Max-Full	MF-7802	XAW03-04-01	NCR	NCR
Filter bank	Tonscend	JS0806-F	XAW03-05-01	NCR	NCR
Filter bank	Tonscend	JS0806s	XAW03-05-02	NCR	NCR
Amplifier	Tonscend	TAP00903040	XAW01-41-01	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP01018048	XAW01-41-02	2019-11-18	2020-11-17
Amplifier	Tonscend	TAP18040048	XAW01-41-03	2019-12-03	2020-12-02
Amplifier	Shanghai Steed	YX28980930	XAW01-41-06	2019-11-18	2020-11-17
Temperature and humidity meter	MingGao	TH101B	XAW01-01-01	2019-12-06	2020-12-05
Measurement Software	Tonscend	TS+ RSE V3.0.0.2	XAW02-05-01	NCR	NCR



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## 7 Photographs - EUT Test Setup Details

Refer to Appendix A - Photographs of EUT Test Setup Details for ZR/2020/60037.

The End



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