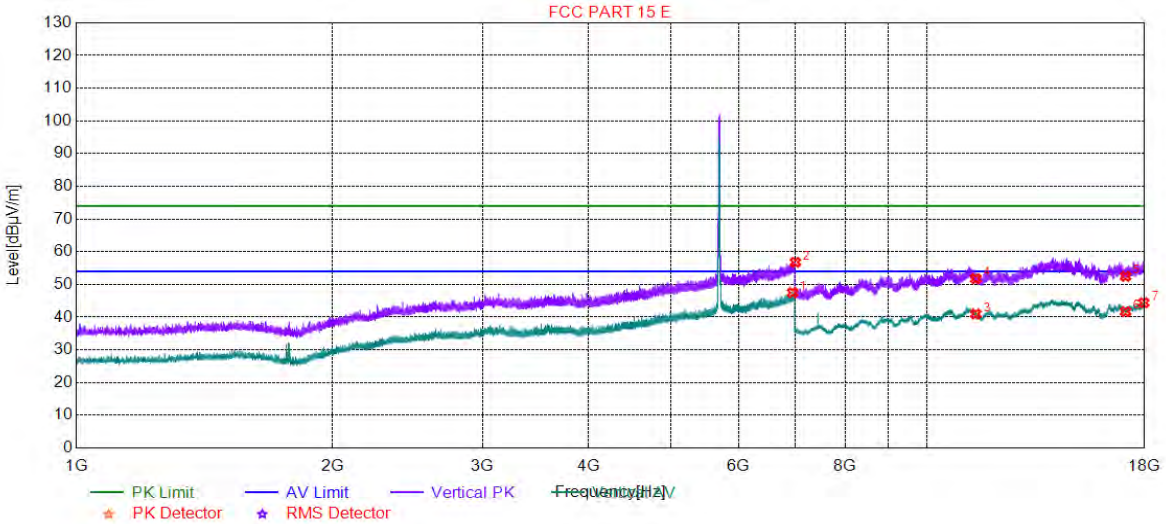
4.9.1.84 802.11AC20_Channel 140

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6943.29	47.52	21.20	54.00	6.48	150	18	Vertical
2	6997.59	56.77	21.27	74.00	17.23	150	18	Vertical
3	11400.0	40.99	-2.15	54.00	13.01	150	242	Vertical
4	11400.0	51.78	-2.15	74.00	22.22	150	41	Vertical
5	17100.0	52.49	-2.96	74.00	21.51	150	292	Vertical
6	17100.0	41.69	-2.96	54.00	12.31	150	292	Vertical
7	17961.4	44.40	-1.29	54.00	9.60	150	41	Vertical

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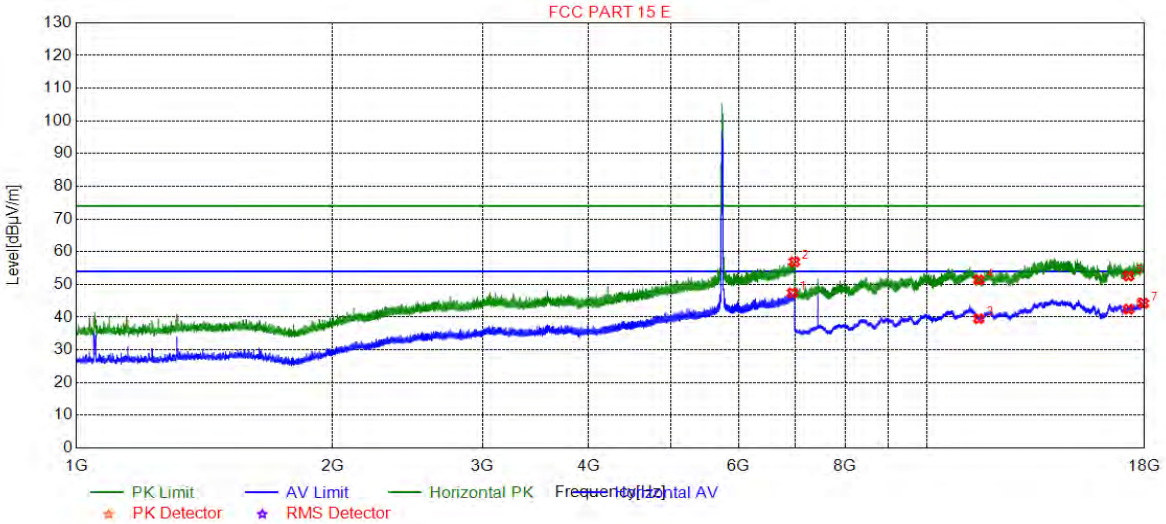
4.9.1.85 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6941.49	47.44	21.18	54.00	6.56	150	91	Horizontal
2	6978.69	56.93	21.26	74.00	17.07	150	342	Horizontal
3	11490.0	39.54	-2.03	54.00	14.46	150	18	Horizontal
4	11490.0	51.40	-2.03	74.00	22.60	150	268	Horizontal
5	17235.0	52.58	-2.67	74.00	21.42	150	268	Horizontal
6	17235.0	42.44	-2.67	54.00	11.56	150	168	Horizontal
7	17944.9	44.26	-1.30	54.00	9.74	150	119	Horizontal

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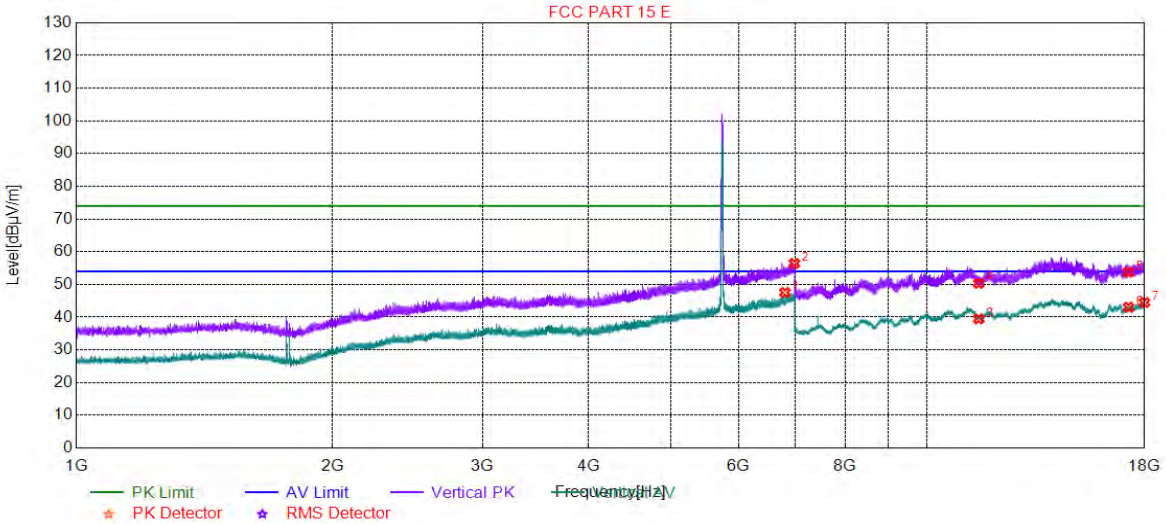
4.9.1.86 802.11AC20_Channel 149

Test Graph



Suspected List

Suspected List								
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1	6803.49	47.54	20.43	54.00	6.46	150	68	Vertical
2	6978.09	56.44	21.26	74.00	17.56	150	119	Vertical
3	11490.0	39.47	-2.03	54.00	14.53	150	141	Vertical
4	11490.0	50.33	-2.03	74.00	23.67	150	292	Vertical
5	17235.0	53.77	-2.67	74.00	20.23	150	0	Vertical
6	17235.0	43.05	-2.67	54.00	10.95	150	342	Vertical
7	17992.8	44.49	-1.28	54.00	9.51	150	292	Vertical

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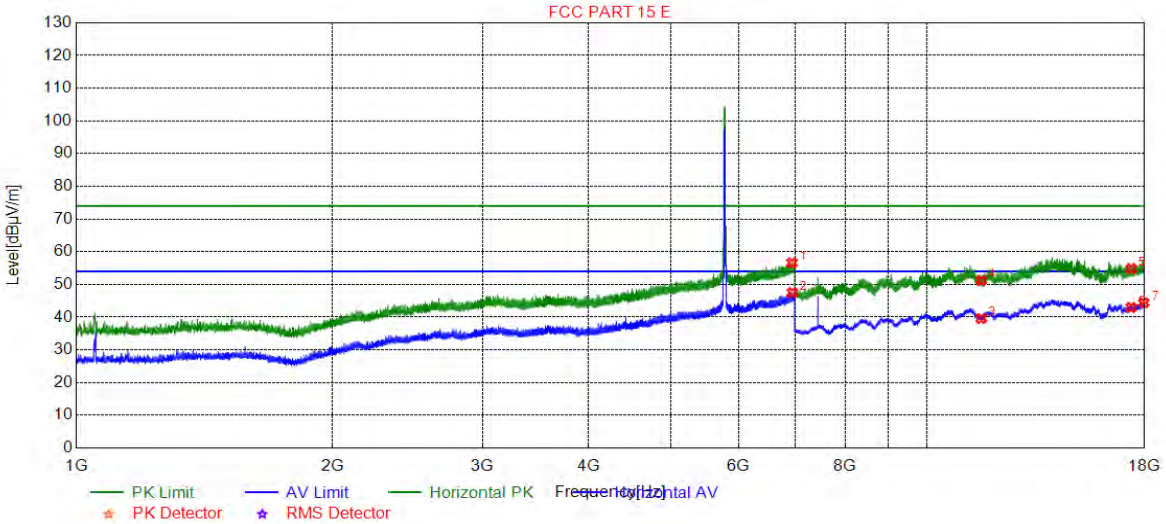
4.9.1.87 802.11AC20_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6932.79	56.60	21.10	74.00	17.40	150	42	Horizontal
2	6938.79	47.54	21.16	54.00	6.46	150	342	Horizontal
3	11570.0	39.59	-2.39	54.00	14.41	150	317	Horizontal
4	11570.0	51.21	-2.39	74.00	22.79	150	18	Horizontal
5	17355.0	54.85	-1.94	74.00	19.15	150	267	Horizontal
6	17355.0	42.98	-1.94	54.00	11.02	150	218	Horizontal
7	17956.5	44.40	-1.29	54.00	9.60	150	68	Horizontal

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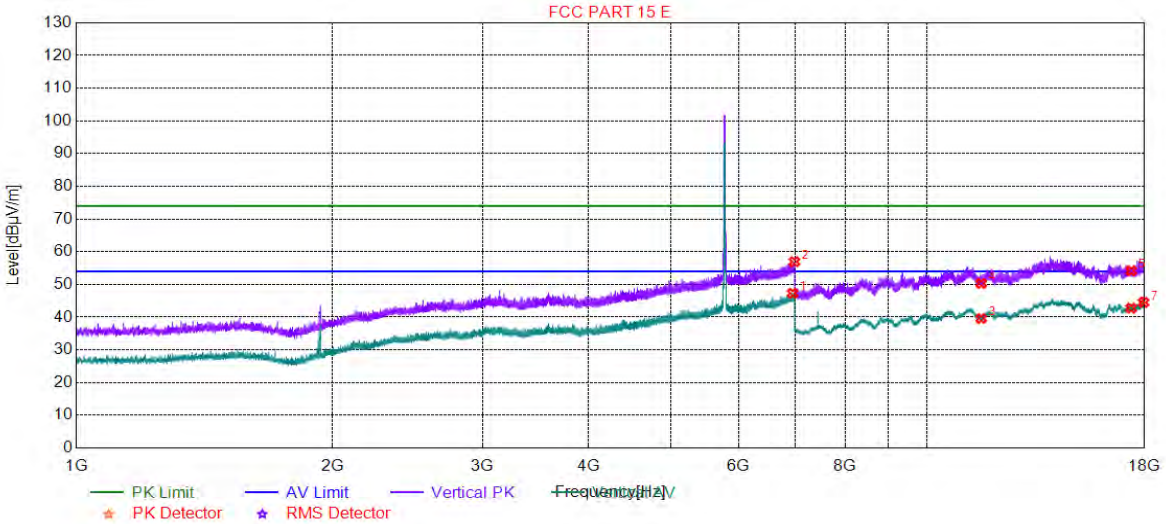
4.9.1.88 802.11AC20_Channel 157

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.39	47.33	21.19	54.00	6.67	150	269	Vertical
2	6978.39	56.98	21.26	74.00	17.02	150	68	Vertical
3	11570.0	39.60	-2.39	54.00	14.40	150	192	Vertical
4	11570.0	50.30	-2.39	74.00	23.70	150	142	Vertical
5	17355.0	54.19	-1.94	74.00	19.81	150	192	Vertical
6	17355.0	42.76	-1.94	54.00	11.24	150	42	Vertical
7	17951.5	44.52	-1.29	54.00	9.48	150	0	Vertical

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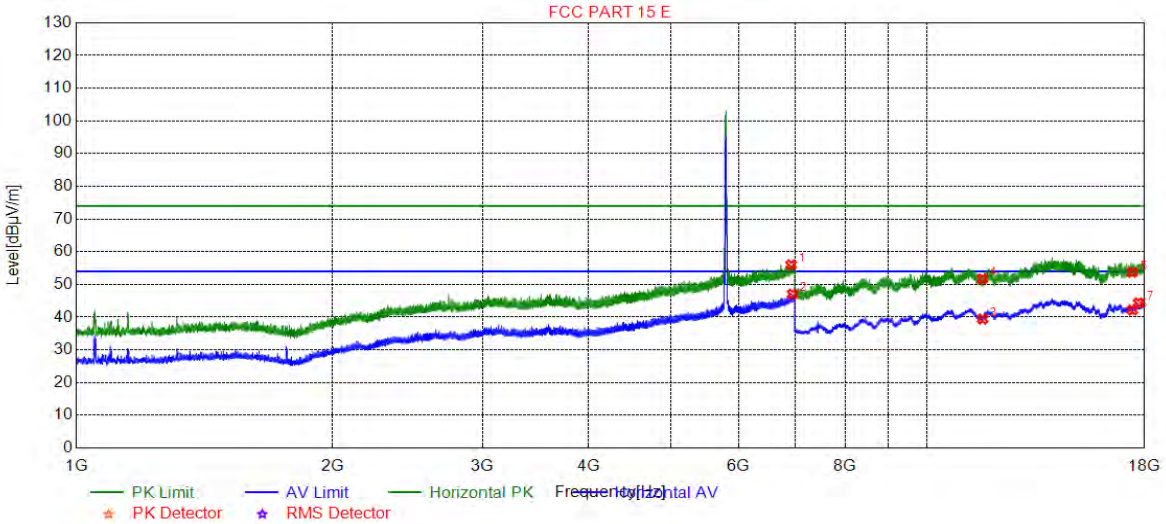
4.9.1.89 802.11AC20_Channel 161

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6917.49	56.02	20.97	74.00	17.98	150	118	Horizontal
2	6942.69	47.08	21.19	54.00	6.92	150	218	Horizontal
3	11610.0	39.44	-2.54	54.00	14.56	150	118	Horizontal
4	11610.0	51.73	-2.54	74.00	22.27	150	268	Horizontal
5	17415.0	53.73	-1.62	74.00	20.27	150	168	Horizontal
6	17415.0	42.19	-1.62	54.00	11.81	150	168	Horizontal
7	17705.1	44.39	-0.74	54.00	9.61	150	360	Horizontal

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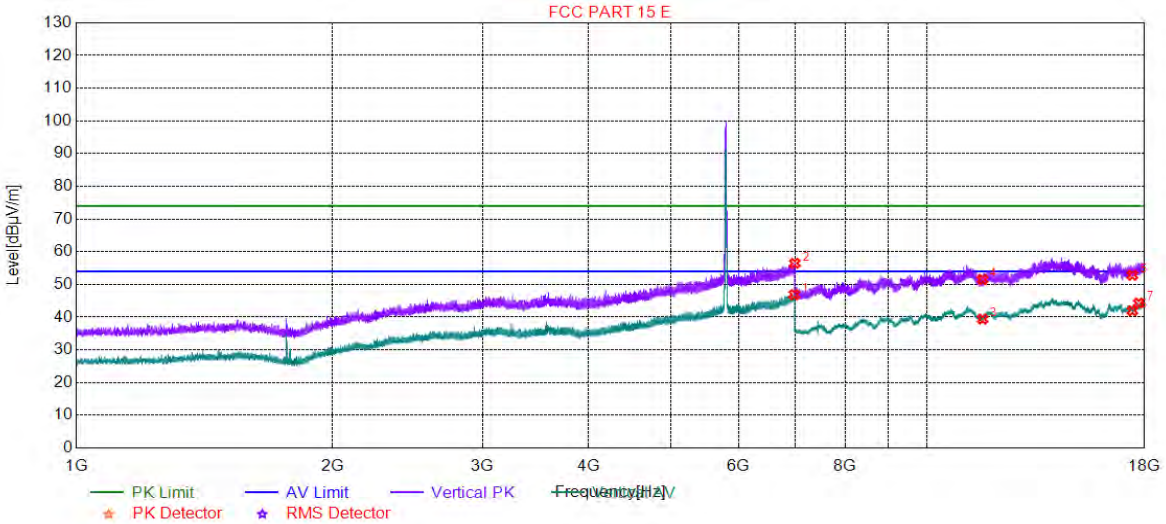
4.9.1.90 802.11AC20_Channel 161

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6975.09	46.89	21.26	54.00	7.11	150	93	Vertical
2	6984.99	56.48	21.27	74.00	17.52	150	43	Vertical
3	11610.0	39.41	-2.54	54.00	14.59	150	342	Vertical
4	11610.0	51.52	-2.54	74.00	22.48	150	42	Vertical
5	17415.0	52.83	-1.62	74.00	21.17	150	191	Vertical
6	17415.0	41.94	-1.62	54.00	12.06	150	342	Vertical
7	17717.2	44.33	-0.98	54.00	9.67	150	241	Vertical

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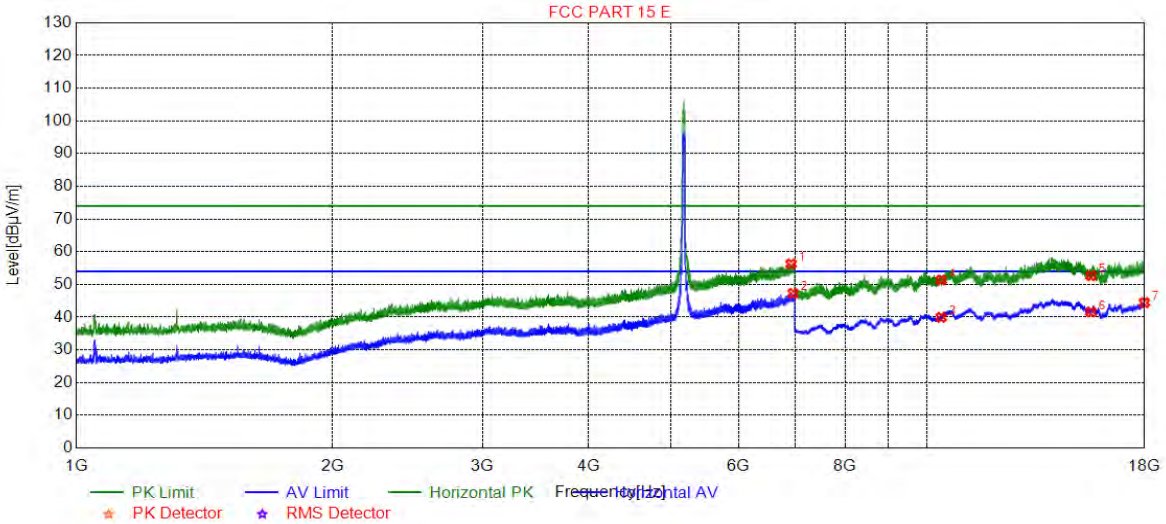
4.9.1.91 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6916.29	56.31	20.96	74.00	17.69	150	300	Horizontal
2	6952.59	47.28	21.26	54.00	6.72	150	300	Horizontal
3	10380.0	39.94	-3.60	54.00	14.06	150	118	Horizontal
4	10380.0	51.36	-3.60	74.00	22.64	150	360	Horizontal
5	15570.0	52.63	0.29	74.00	21.37	150	318	Horizontal
6	15570.0	41.60	0.29	54.00	12.40	150	68	Horizontal
7	17988.4	44.46	-1.28	54.00	9.54	150	118	Horizontal

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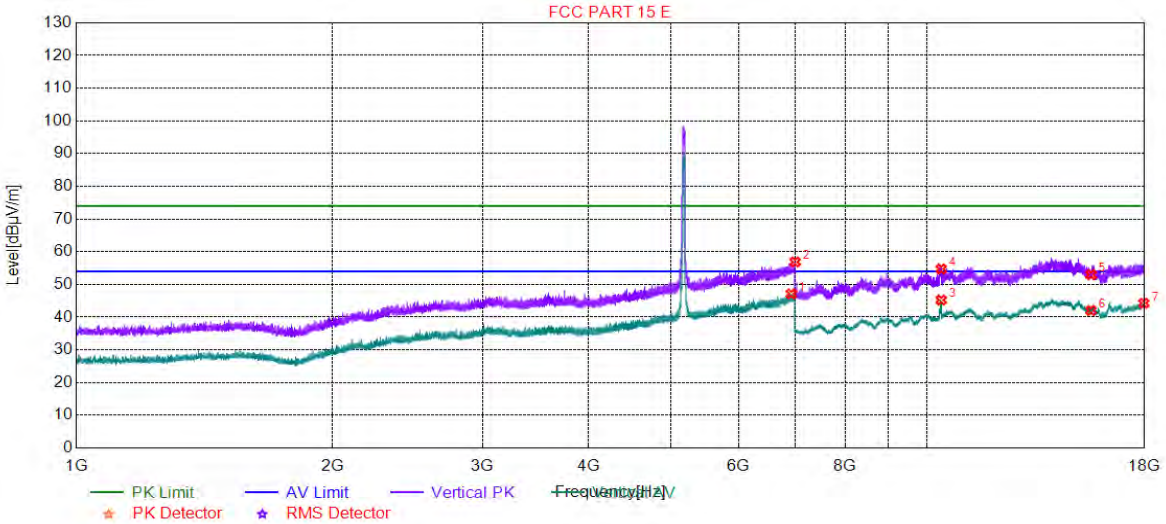
4.9.1.92 802.11AC40_Channel 38

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6921.39	47.13	21.00	54.00	6.87	150	216	Vertical
2	6990.99	56.91	21.27	74.00	17.09	150	1	Vertical
3	10380.0	45.25	-3.60	54.00	8.75	150	192	Vertical
4	10380.0	54.74	-3.60	74.00	19.26	150	141	Vertical
5	15570.0	53.00	0.29	74.00	21.00	150	0	Vertical
6	15570.0	42.06	0.29	54.00	11.94	150	292	Vertical
7	17960.3	44.26	-1.29	54.00	9.74	150	242	Vertical

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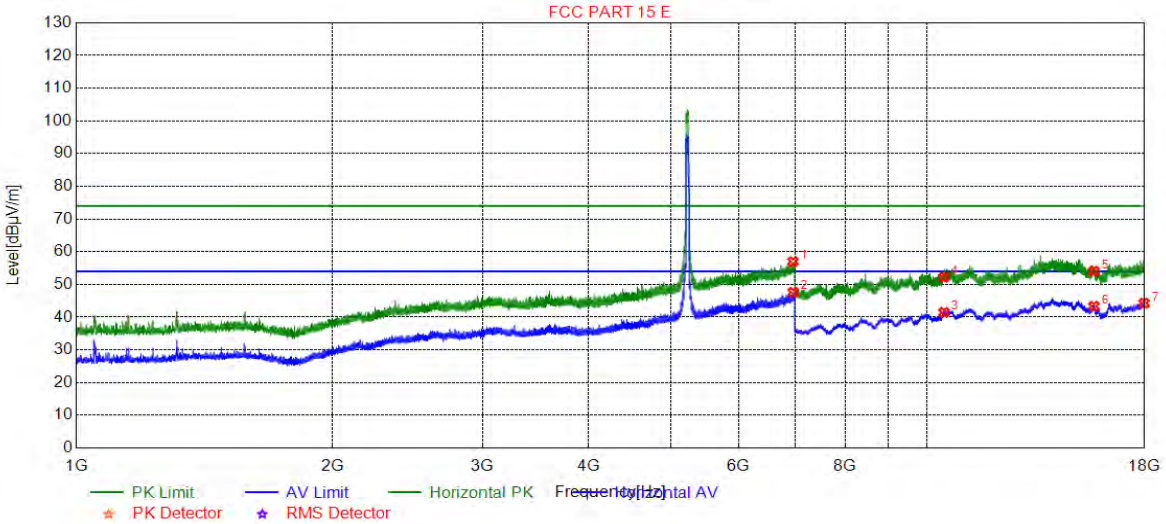
4.9.1.93 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.09	57.00	21.26	74.00	17.00	150	290	Horizontal
2	6956.19	47.61	21.26	54.00	6.39	150	24	Horizontal
3	10460.0	41.48	-3.09	54.00	12.52	150	319	Horizontal
4	10460.0	52.23	-3.09	74.00	21.77	150	18	Horizontal
5	15690.0	54.05	0.58	74.00	19.95	150	360	Horizontal
6	15690.0	43.34	0.58	54.00	10.66	150	68	Horizontal
7	17969.1	44.28	-1.29	54.00	9.72	150	68	Horizontal

Final Data List

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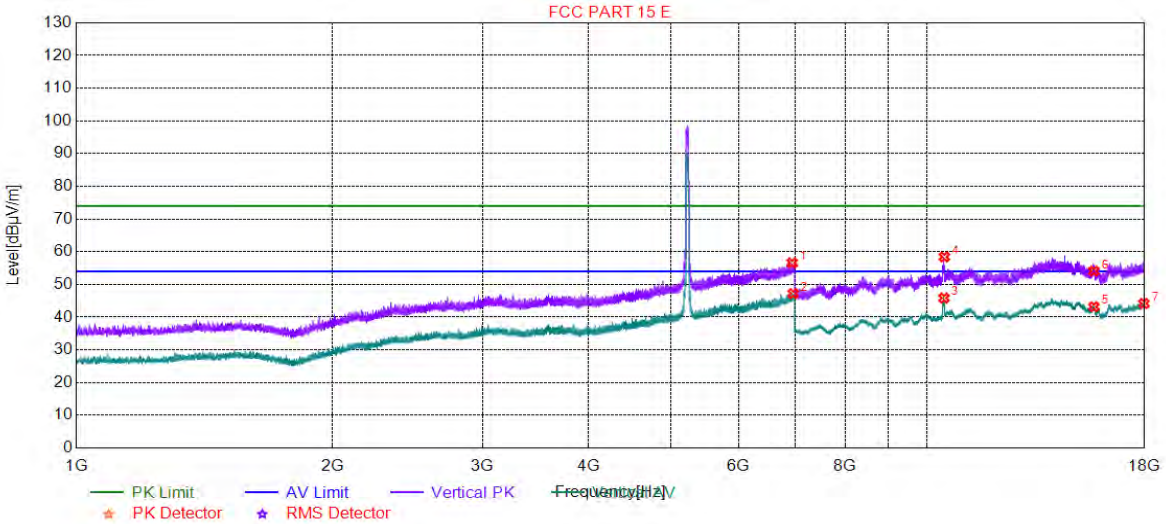
4.9.1.94 802.11AC40_Channel 46

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6935.79	56.60	21.13	74.00	17.40	150	318	Vertical
2	6954.39	47.21	21.26	54.00	6.79	150	152	Vertical
3	10460.0	45.85	-3.09	54.00	8.15	150	191	Vertical
4	10470.1	58.44	-3.01	74.00	15.56	150	140	Vertical
5	15690.0	43.21	0.58	54.00	10.79	150	0	Vertical
6	15690.0	54.10	0.58	74.00	19.90	150	241	Vertical
7	17966.4	44.18	-1.29	54.00	9.82	150	0	Vertical

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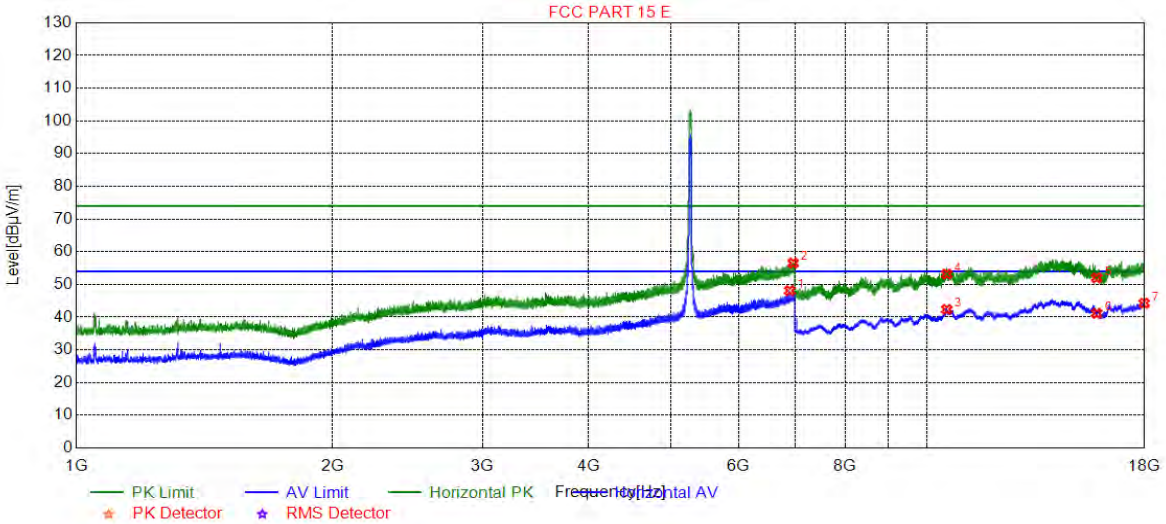
4.9.1.95 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6891.09	48.12	20.82	54.00	5.88	150	320	Horizontal
2	6955.59	56.55	21.26	74.00	17.45	150	219	Horizontal
3	10540.0	42.38	-2.81	54.00	11.62	150	118	Horizontal
4	10540.0	53.18	-2.81	74.00	20.82	150	168	Horizontal
5	15810.0	52.02	-0.99	74.00	21.98	150	68	Horizontal
6	15810.0	41.15	-0.99	54.00	12.85	150	219	Horizontal
7	17976.3	44.27	-1.29	54.00	9.73	150	68	Horizontal

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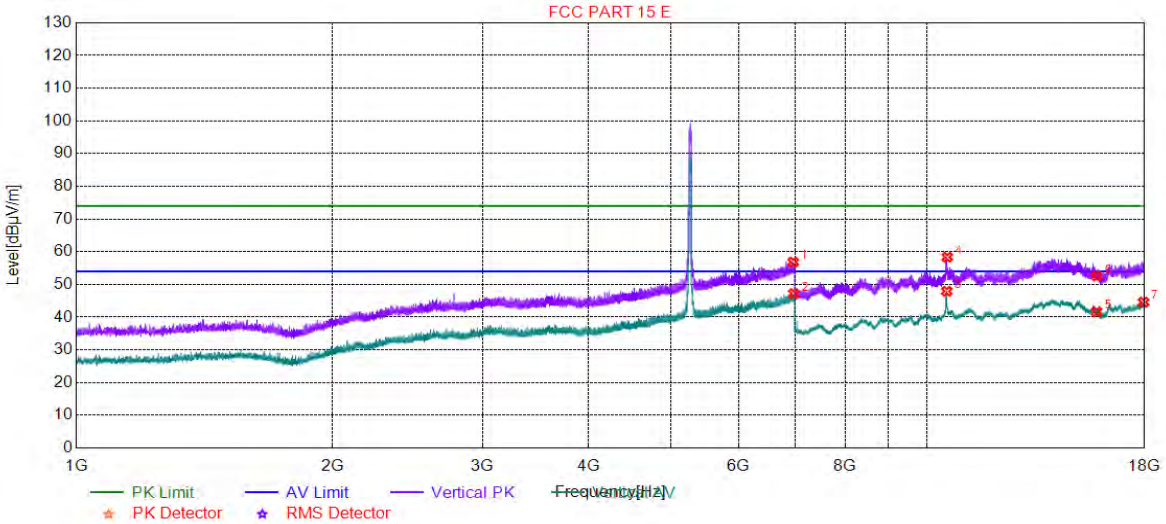
4.9.1.96 802.11AC40_Channel 54

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6956.49	56.86	21.26	74.00	17.14	150	0	Vertical
2	6968.79	47.17	21.26	54.00	6.83	150	241	Vertical
3	10540.0	47.92	-2.81	54.00	6.08	150	189	Vertical
4	10552.0	58.35	-2.82	74.00	15.65	150	139	Vertical
5	15810.0	41.65	-0.99	54.00	12.35	150	139	Vertical
6	15810.0	52.57	-0.99	74.00	21.43	150	38	Vertical
7	17948.2	44.59	-1.30	54.00	9.41	150	342	Vertical

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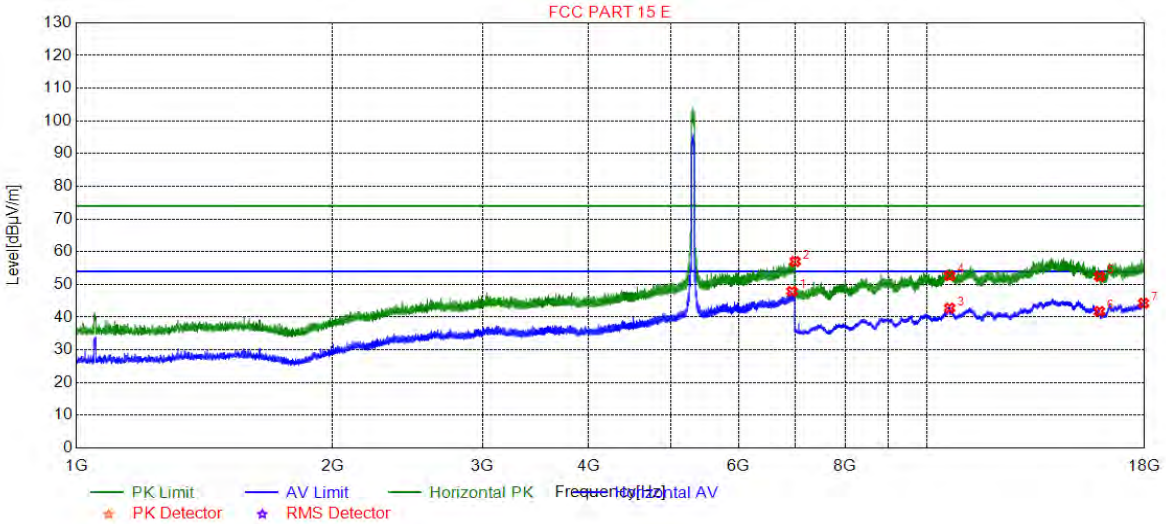
4.9.1.97 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List								
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1	6933.09	47.90	21.10	54.00	6.10	150	18	Horizontal
2	6990.99	57.02	21.27	74.00	16.98	150	117	Horizontal
3	10620.0	42.80	-2.85	54.00	11.20	150	118	Horizontal
4	10620.0	52.66	-2.85	74.00	21.34	150	268	Horizontal
5	15930.0	52.46	-0.86	74.00	21.54	150	168	Horizontal
6	15930.0	41.77	-0.86	54.00	12.23	150	360	Horizontal
7	17948.8	44.28	-1.30	54.00	9.72	150	68	Horizontal

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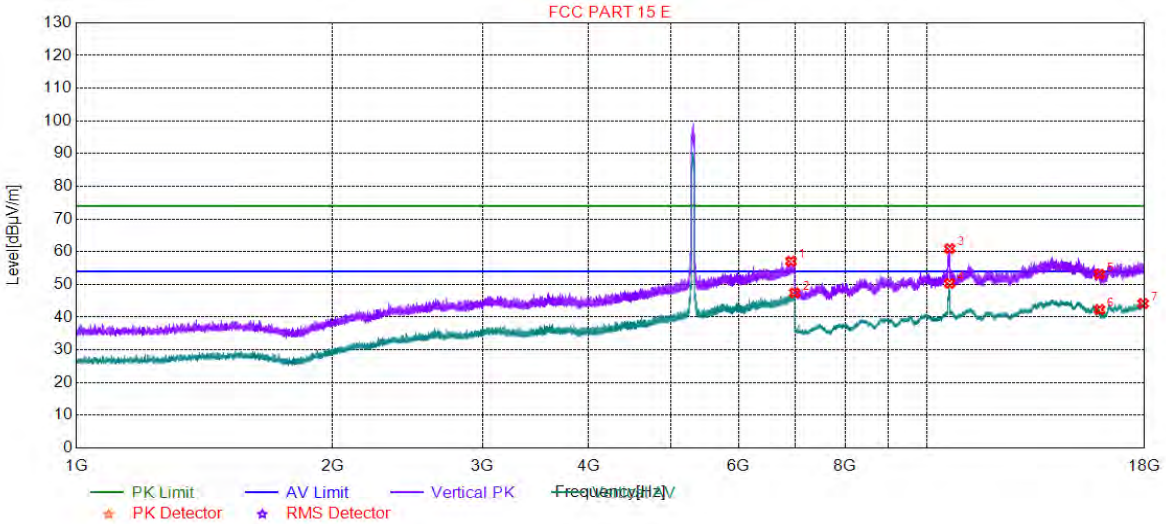
4.9.1.98 802.11AC40_Channel 62

Test Graph



Suspected List

Suspected List								
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1	6914.19	57.10	20.94	74.00	16.90	150	0	Vertical
2	6983.19	47.46	21.26	54.00	6.54	150	241	Vertical
3	10619.7	60.97	-2.85	74.00	13.03	150	142	Vertical
4	10620.8	50.33	-2.85	54.00	3.67	150	192	Vertical
5	15930.0	53.15	-0.86	74.00	20.85	150	242	Vertical
6	15930.0	42.32	-0.86	54.00	11.68	150	142	Vertical
7	17927.3	44.17	-1.30	54.00	9.83	150	93	Vertical

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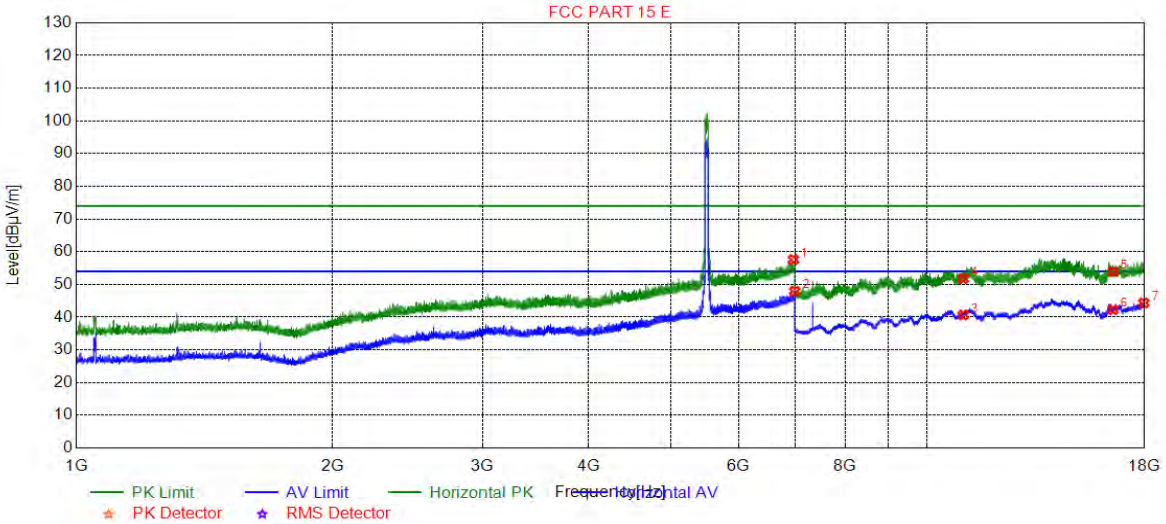
4.9.1.99 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6961.29	57.62	21.26	74.00	16.38	150	218	Horizontal
2	6983.49	47.94	21.27	54.00	6.06	150	319	Horizontal
3	11020.0	40.67	-2.19	54.00	13.33	150	317	Horizontal
4	11020.0	51.80	-2.19	74.00	22.20	150	118	Horizontal
5	16530.0	53.96	-1.21	74.00	20.04	150	118	Horizontal
6	16530.0	42.27	-1.21	54.00	11.73	150	18	Horizontal
7	17962.0	44.35	-1.29	54.00	9.65	150	268	Horizontal

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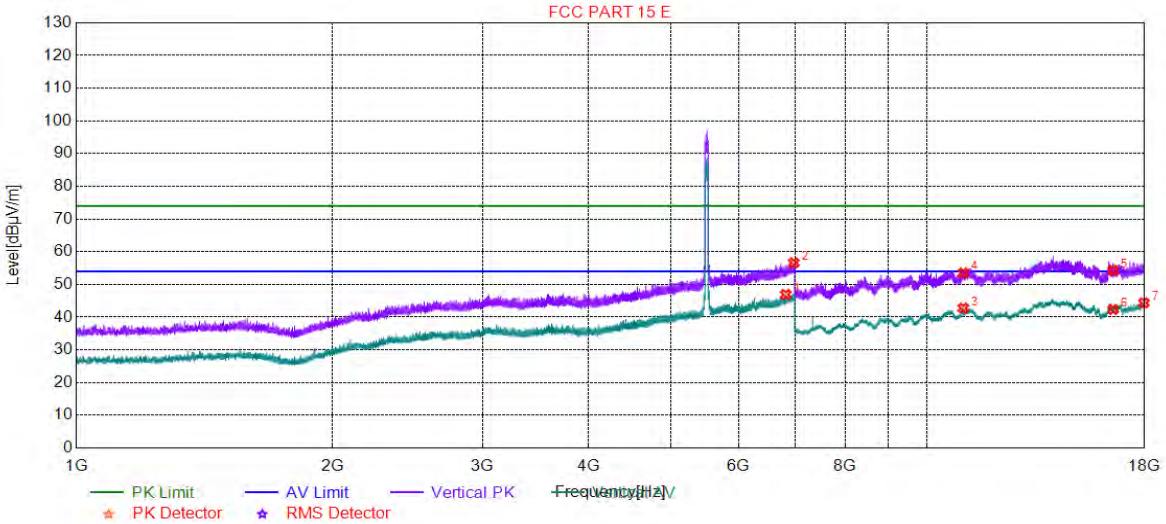
4.9.1.100 802.11AC40_Channel 102

Test Graph



Suspected List

Suspected List								
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1	6817.89	46.93	20.57	54.00	7.07	150	342	Vertical
2	6966.99	56.62	21.26	74.00	17.38	150	141	Vertical
3	11020.0	42.78	-2.19	54.00	11.22	150	92	Vertical
4	11020.0	53.53	-2.19	74.00	20.47	150	92	Vertical
5	16530.0	54.28	-1.21	74.00	19.72	150	191	Vertical
6	16530.0	42.35	-1.21	54.00	11.65	150	0	Vertical
7	17966.4	44.38	-1.29	54.00	9.62	150	92	Vertical

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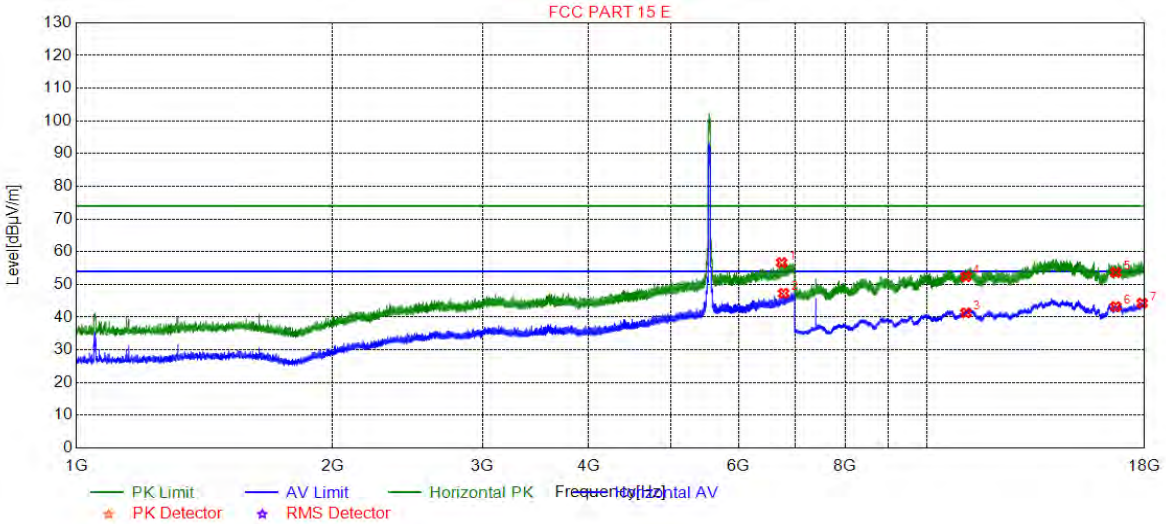
4.9.1.101 802.11AC40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6743.48	56.65	20.53	74.00	17.35	150	169	Horizontal
2	6777.68	47.28	20.51	54.00	6.72	150	218	Horizontal
3	11100.0	41.32	-2.25	54.00	12.68	150	325	Horizontal
4	11100.0	52.40	-2.25	74.00	21.60	150	225	Horizontal
5	16650.0	53.65	-1.10	74.00	20.35	150	225	Horizontal
6	16650.0	43.23	-1.10	54.00	10.77	150	274	Horizontal
7	17883.3	44.27	-1.53	54.00	9.73	150	176	Horizontal

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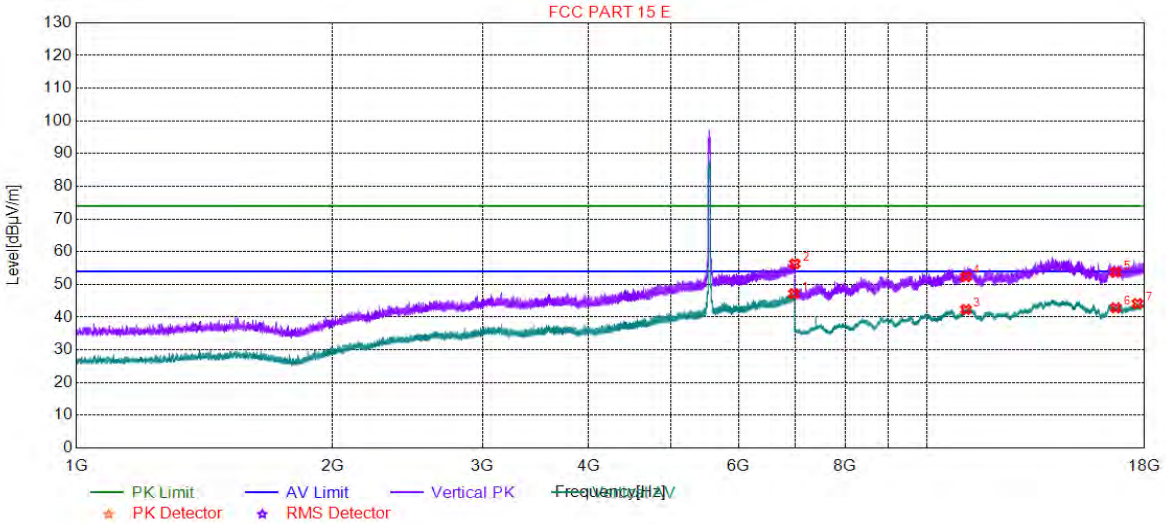
4.9.1.102 802.11AC40_Channel 110

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.69	47.19	21.26	54.00	6.81	150	241	Vertical
2	6985.89	56.33	21.27	74.00	17.67	150	140	Vertical
3	11100.0	42.34	-2.25	54.00	11.66	150	93	Vertical
4	11100.0	52.37	-2.25	74.00	21.63	150	44	Vertical
5	16650.0	53.76	-1.10	74.00	20.24	150	242	Vertical
6	16650.0	42.85	-1.10	54.00	11.15	150	192	Vertical
7	17656.2	44.14	-0.66	54.00	9.86	150	93	Vertical

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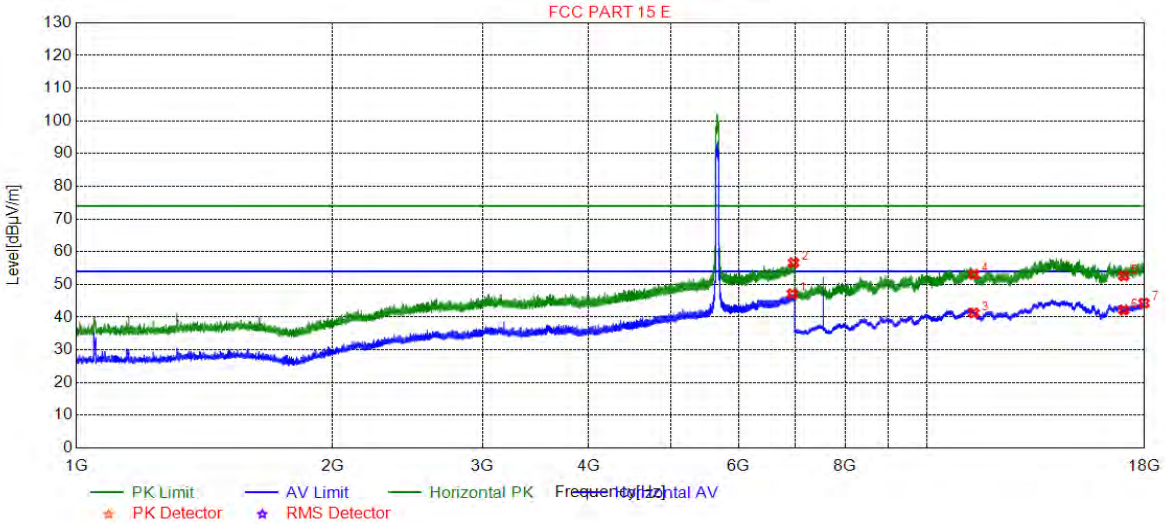
4.9.1.103 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.39	47.10	21.16	54.00	6.90	150	18	Horizontal
2	6963.39	56.62	21.26	74.00	17.38	150	18	Horizontal
3	11340.0	41.29	-2.22	54.00	12.71	150	69	Horizontal
4	11340.0	53.07	-2.22	74.00	20.93	150	268	Horizontal
5	17010.0	52.61	-0.98	74.00	21.39	150	69	Horizontal
6	17010.0	42.20	-0.98	54.00	11.80	150	168	Horizontal
7	17971.3	44.31	-1.29	54.00	9.69	150	119	Horizontal

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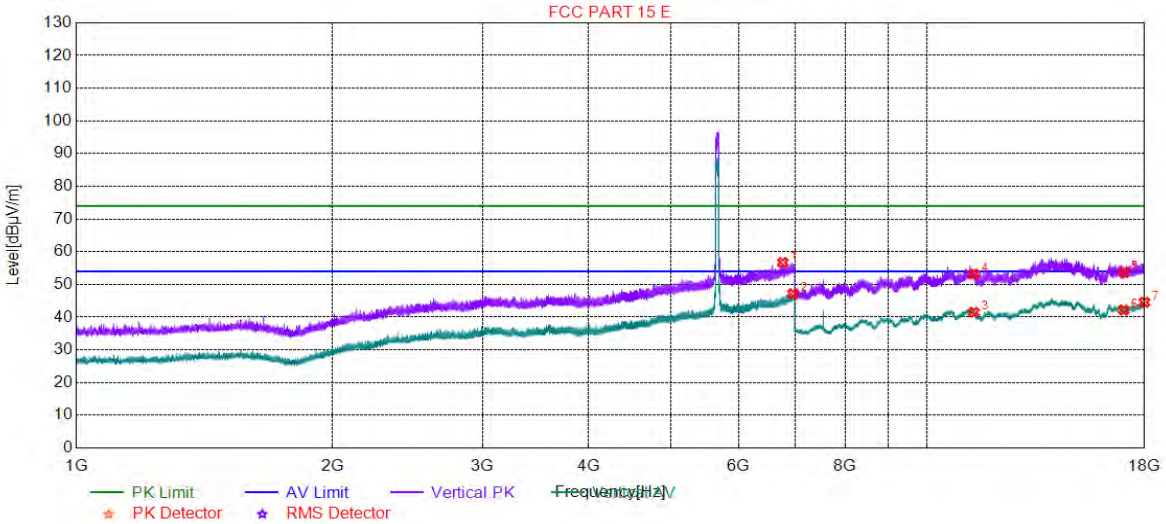
4.9.1.104 802.11AC40_Channel 134

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6762.68	56.71	20.58	74.00	17.29	150	0	Vertical
2	6950.19	47.15	21.26	54.00	6.85	150	0	Vertical
3	11340.0	41.49	-2.22	54.00	12.51	150	91	Vertical
4	11340.0	53.21	-2.22	74.00	20.79	150	91	Vertical
5	17010.0	53.66	-0.98	74.00	20.34	150	0	Vertical
6	17010.0	42.17	-0.98	54.00	11.83	150	91	Vertical
7	17993.9	44.56	-1.28	54.00	9.44	150	191	Vertical

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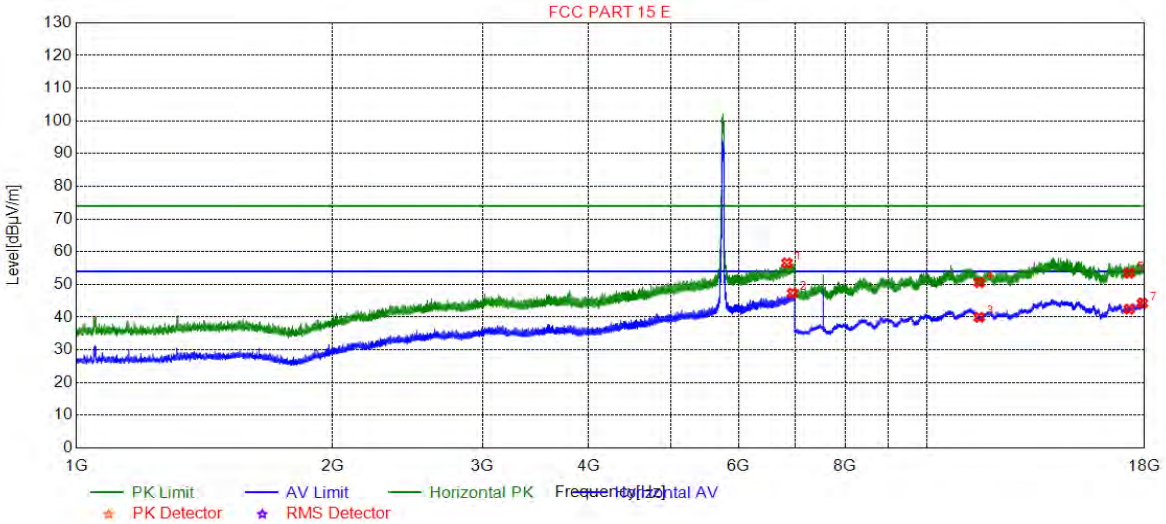
4.9.1.105 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6840.39	56.59	20.79	74.00	17.41	150	18	Horizontal
2	6940.89	47.35	21.17	54.00	6.65	150	169	Horizontal
3	11510.0	39.97	-2.07	54.00	14.03	150	119	Horizontal
4	11510.0	50.58	-2.07	74.00	23.42	150	119	Horizontal
5	17265.0	53.47	-2.46	74.00	20.53	150	119	Horizontal
6	17265.0	42.48	-2.46	54.00	11.52	150	168	Horizontal
7	17890.5	44.25	-1.43	54.00	9.75	150	168	Horizontal

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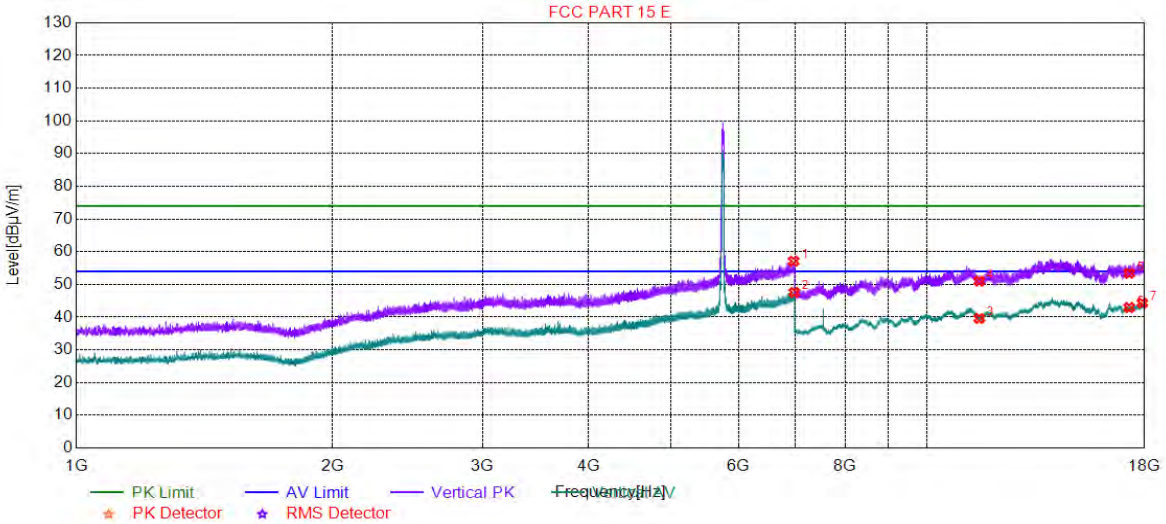
4.9.1.106 802.11AC40_Channel 151

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6964.59	57.12	21.26	74.00	16.88	150	0	Vertical
2	6975.09	47.57	21.26	54.00	6.43	150	39	Vertical
3	11510.0	39.62	-2.07	54.00	14.38	150	192	Vertical
4	11510.0	51.01	-2.07	74.00	22.99	150	0	Vertical
5	17265.0	53.39	-2.46	74.00	20.61	150	192	Vertical
6	17265.0	42.95	-2.46	54.00	11.05	150	91	Vertical
7	17888.3	44.36	-1.46	54.00	9.64	150	192	Vertical

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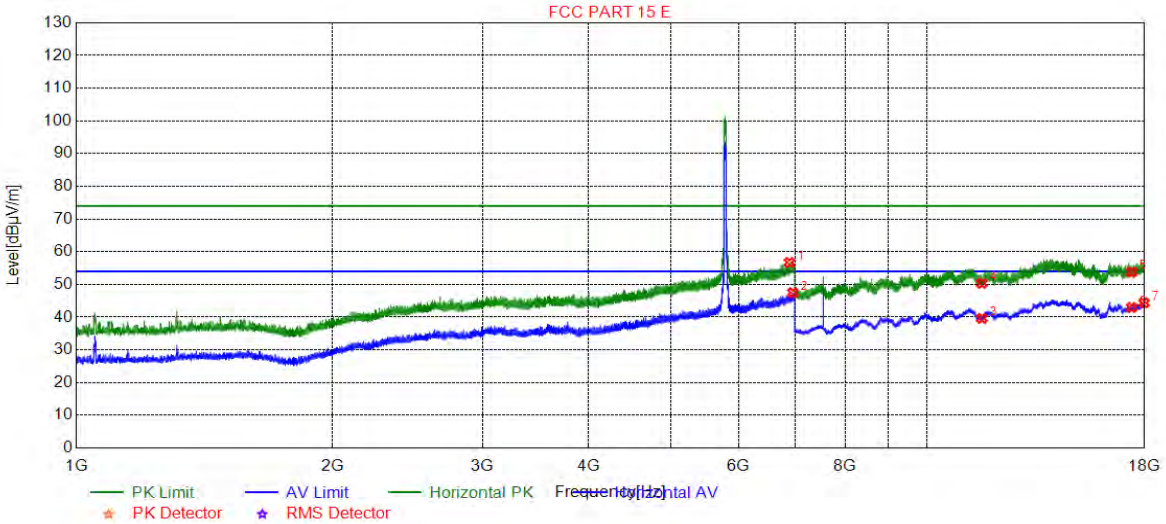
4.9.1.107 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.69	56.72	20.83	74.00	17.28	150	68	Horizontal
2	6948.99	47.50	21.25	54.00	6.50	150	220	Horizontal
3	11590.0	39.63	-2.50	54.00	14.37	150	69	Horizontal
4	11590.0	50.39	-2.50	74.00	23.61	150	360	Horizontal
5	17385.0	53.82	-1.79	74.00	20.18	150	69	Horizontal
6	17385.0	42.97	-1.79	54.00	11.03	150	119	Horizontal
7	17969.7	44.39	-1.29	54.00	9.61	150	269	Horizontal

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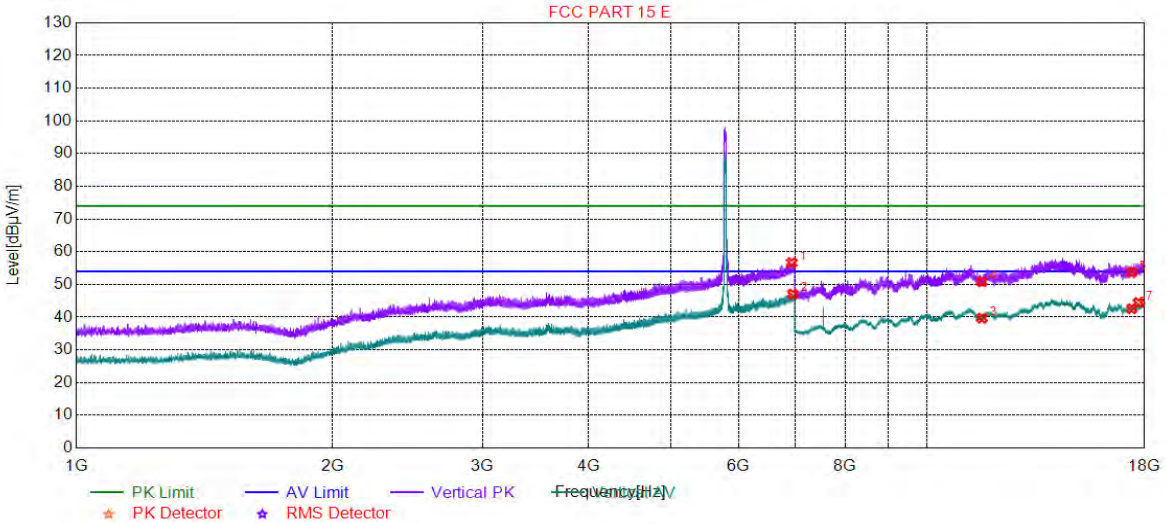
4.9.1.108 802.11AC40_Channel 159

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.29	56.64	21.06	74.00	17.36	150	192	Vertical
2	6947.49	47.07	21.23	54.00	6.93	150	90	Vertical
3	11590.0	39.71	-2.50	54.00	14.29	150	342	Vertical
4	11590.0	50.83	-2.50	74.00	23.17	150	143	Vertical
5	17385.0	53.73	-1.79	74.00	20.27	150	43	Vertical
6	17385.0	42.59	-1.79	54.00	11.41	150	192	Vertical
7	17701.3	44.47	-0.67	54.00	9.53	150	0	Vertical

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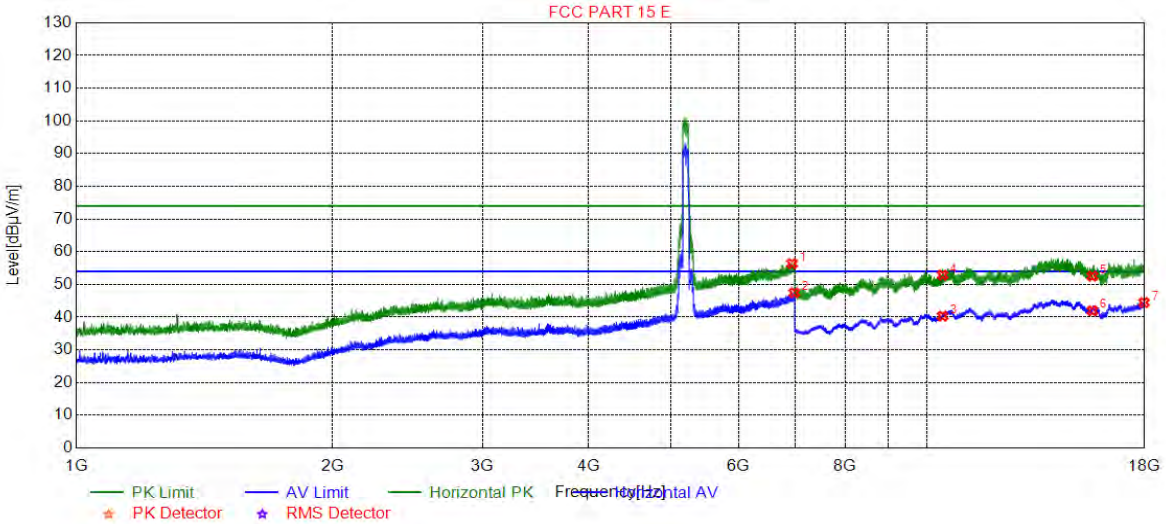
4.9.1.109 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.99	56.39	21.11	74.00	17.61	150	219	Horizontal
2	6975.09	47.48	21.26	54.00	6.52	150	69	Horizontal
3	10420.0	40.34	-3.40	54.00	13.66	150	319	Horizontal
4	10420.0	52.90	-3.40	74.00	21.10	150	168	Horizontal
5	15630.0	52.55	0.28	74.00	21.45	150	360	Horizontal
6	15630.0	41.97	0.28	54.00	12.03	150	18	Horizontal
7	17967.5	44.49	-1.29	54.00	9.51	150	69	Horizontal

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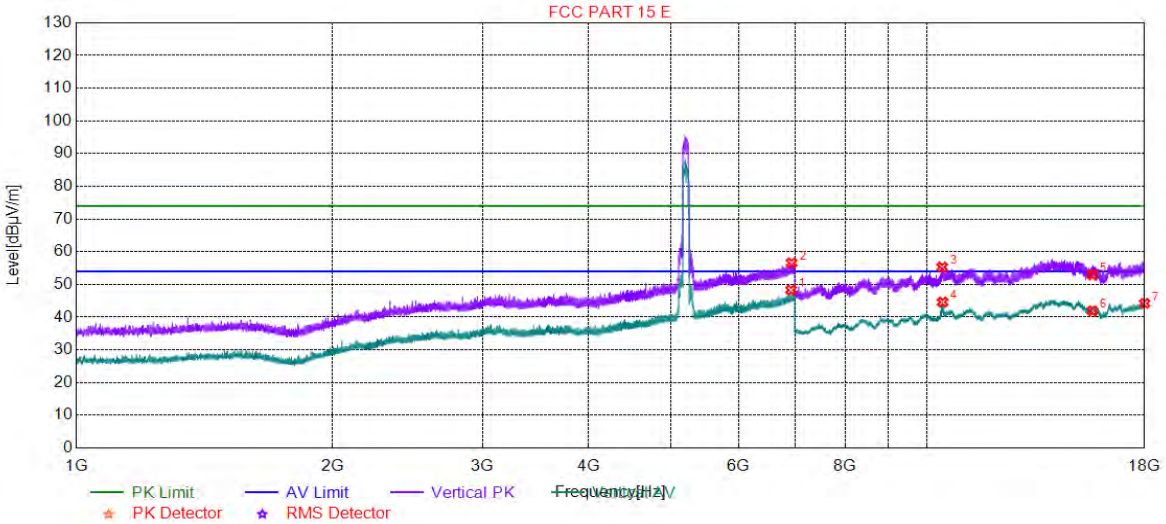
4.9.1.110 802.11AC80_Channel 42

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6915.39	48.30	20.95	54.00	5.70	150	0	Vertical
2	6926.19	56.59	21.04	74.00	17.41	150	40	Vertical
3	10407.9	55.33	-3.50	74.00	18.67	150	142	Vertical
4	10420.6	44.61	-3.40	54.00	9.39	150	191	Vertical
5	15630.0	52.99	0.28	74.00	21.01	150	142	Vertical
6	15630.0	41.94	0.28	54.00	12.06	150	91	Vertical
7	17999.4	44.21	-1.28	54.00	9.79	150	291	Vertical

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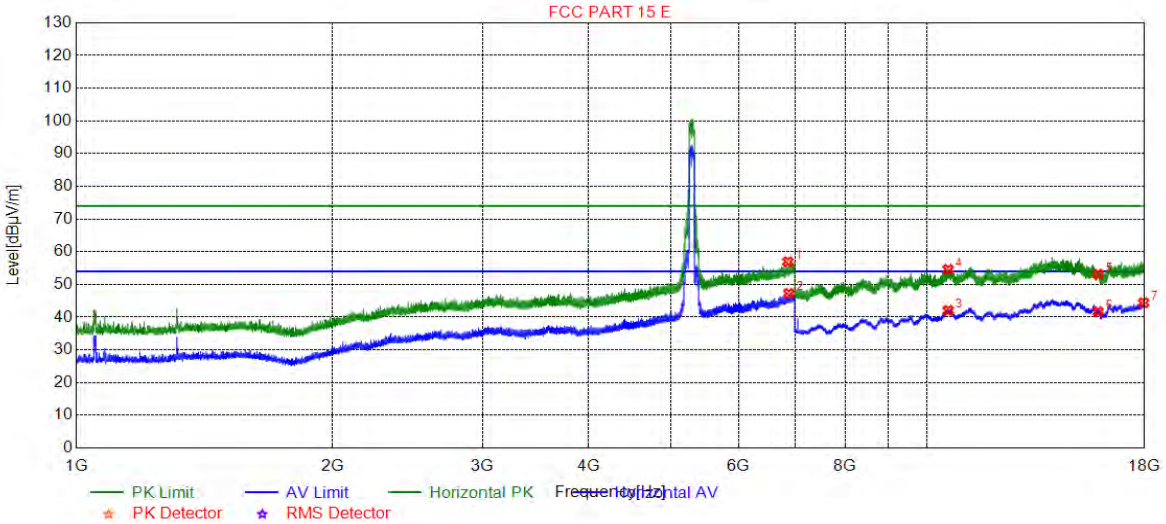
4.9.1.111 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6857.19	56.97	20.87	74.00	17.03	150	69	Horizontal
2	6874.89	47.28	20.85	54.00	6.72	150	219	Horizontal
3	10580.0	42.05	-2.84	54.00	11.95	150	318	Horizontal
4	10580.0	54.61	-2.84	74.00	19.39	150	318	Horizontal
5	15870.0	53.15	-0.67	74.00	20.85	150	318	Horizontal
6	15870.0	41.68	-0.67	54.00	12.32	150	169	Horizontal
7	17952.6	44.40	-1.29	54.00	9.60	150	360	Horizontal

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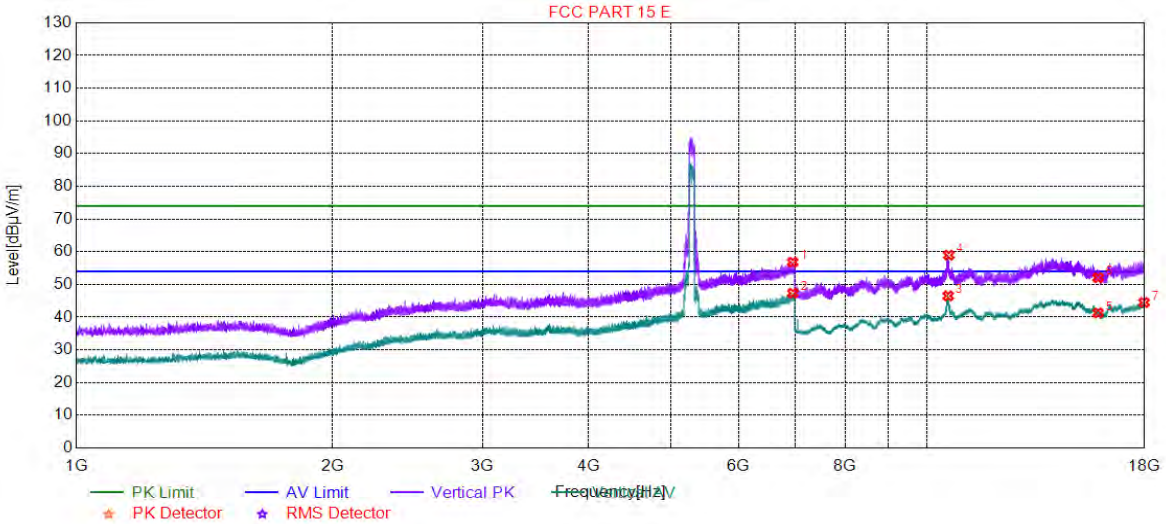
4.9.1.112 802.11AC80_Channel 58

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.09	56.83	21.21	74.00	17.17	150	342	Vertical
2	6946.29	47.35	21.22	54.00	6.65	150	241	Vertical
3	10580.0	46.51	-2.84	54.00	7.49	150	192	Vertical
4	10596.6	58.97	-2.86	74.00	15.03	150	142	Vertical
5	15870.0	41.29	-0.67	54.00	12.71	150	242	Vertical
6	15870.0	52.06	-0.67	74.00	21.94	150	292	Vertical
7	17969.1	44.50	-1.29	54.00	9.50	150	42	Vertical

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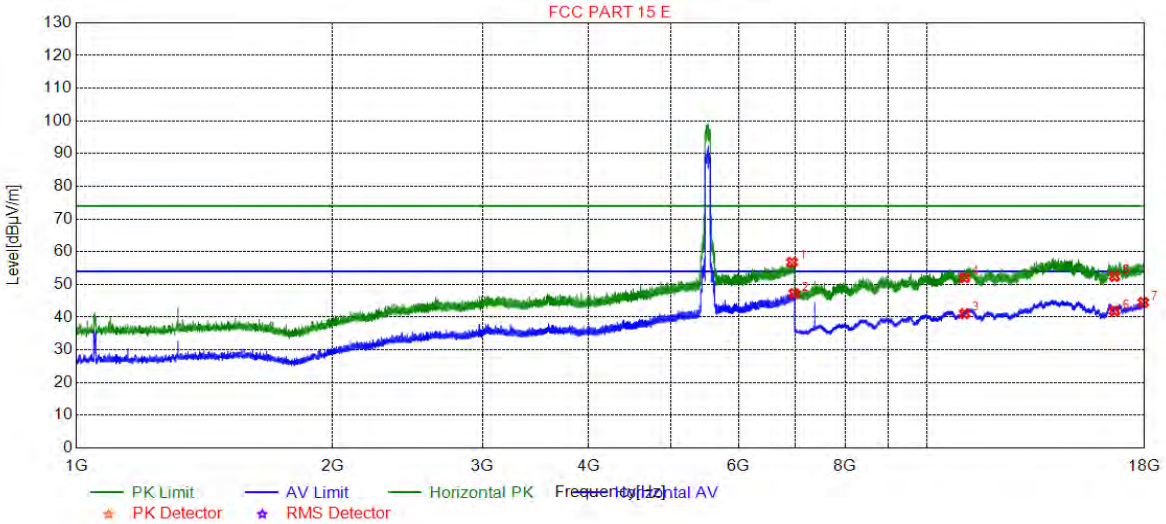
4.9.1.113 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6932.79	56.81	21.10	74.00	17.19	150	119	Horizontal
2	6975.99	47.23	21.26	54.00	6.77	150	220	Horizontal
3	11060.0	41.09	-2.22	54.00	12.91	150	268	Horizontal
4	11060.0	52.07	-2.22	74.00	21.93	150	360	Horizontal
5	16590.0	52.46	-1.30	74.00	21.54	150	117	Horizontal
6	16590.0	41.89	-1.30	54.00	12.11	150	217	Horizontal
7	17932.8	44.52	-1.30	54.00	9.48	150	217	Horizontal

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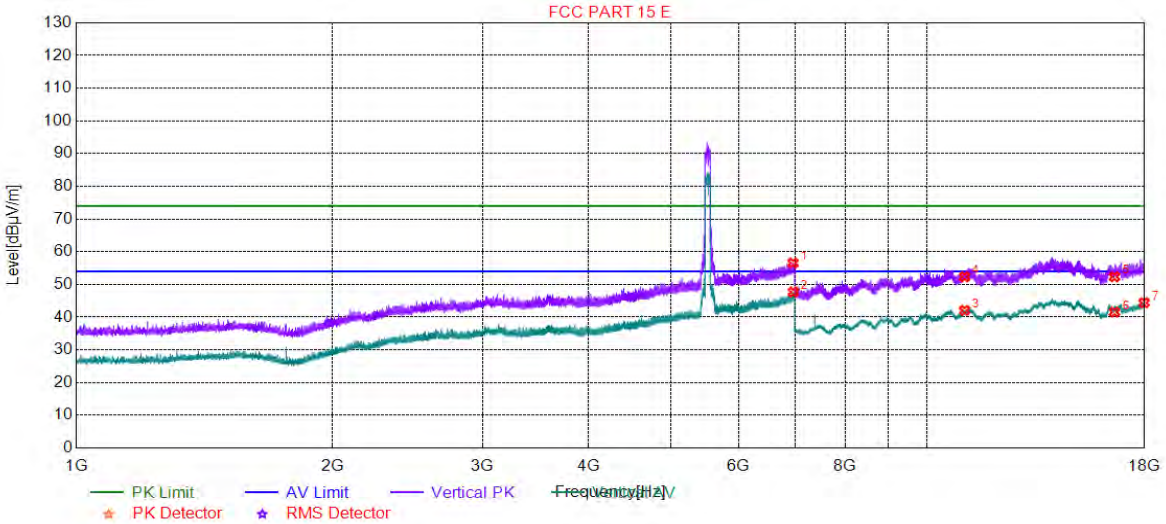
4.9.1.114 802.11AC80_Channel 106

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.09	56.57	21.26	74.00	17.43	150	292	Vertical
2	6960.09	47.67	21.26	54.00	6.33	150	342	Vertical
3	11060.0	42.09	-2.22	54.00	11.91	150	93	Vertical
4	11060.0	52.34	-2.22	74.00	21.66	150	93	Vertical
5	16590.0	52.35	-1.30	74.00	21.65	150	292	Vertical
6	16590.0	41.56	-1.30	54.00	12.44	150	93	Vertical
7	17974.1	44.42	-1.29	54.00	9.58	150	142	Vertical

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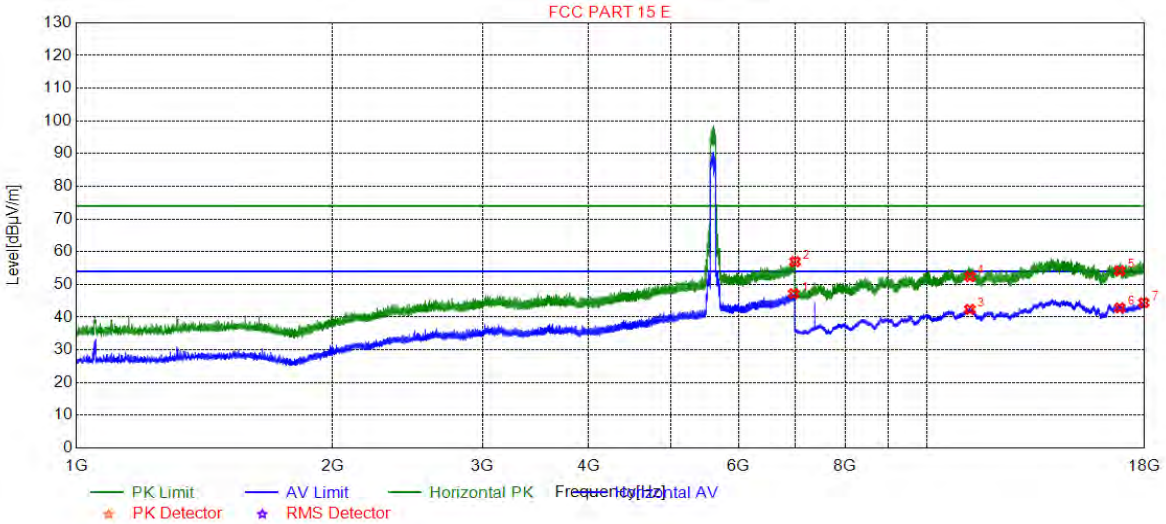
4.9.1.115 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6964.59	47.17	21.26	54.00	6.83	150	318	Horizontal
2	6989.79	57.00	21.27	74.00	17.00	150	318	Horizontal
3	11220.0	42.39	-2.35	54.00	11.61	150	68	Horizontal
4	11220.0	52.40	-2.35	74.00	21.60	150	118	Horizontal
5	16830.0	54.17	-0.56	74.00	19.83	150	68	Horizontal
6	16830.0	42.86	-0.56	54.00	11.14	150	267	Horizontal
7	17957.0	44.42	-1.29	54.00	9.58	150	360	Horizontal

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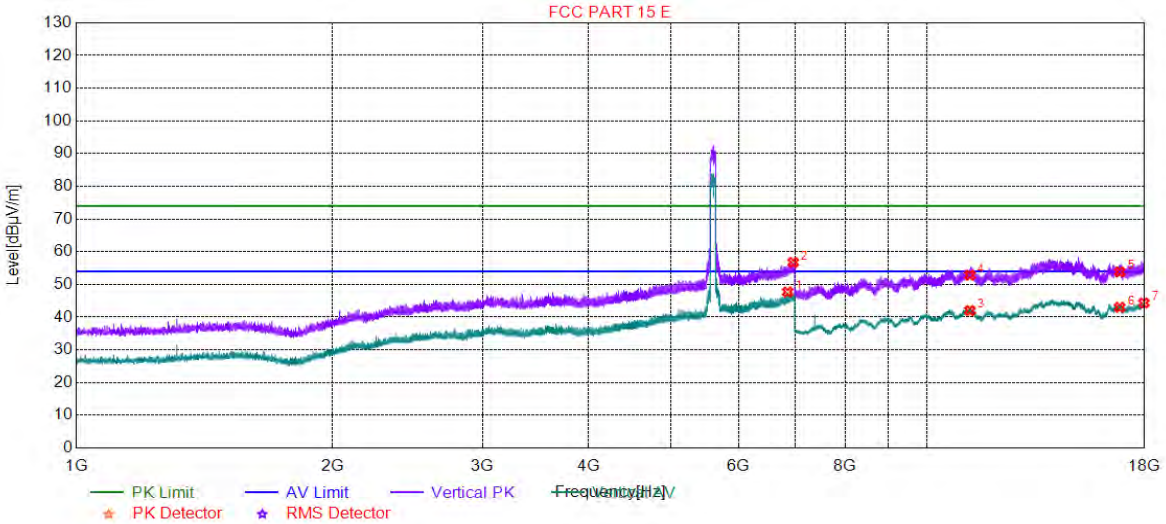
4.9.1.116 802.11AC80_Channel 122

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6853.59	47.69	20.88	54.00	6.31	150	242	Vertical
2	6955.89	56.74	21.26	74.00	17.26	150	41	Vertical
3	11220.0	42.03	-2.35	54.00	11.97	150	242	Vertical
4	11220.0	52.83	-2.35	74.00	21.17	150	0	Vertical
5	16830.0	53.81	-0.56	74.00	20.19	150	292	Vertical
6	16830.0	43.01	-0.56	54.00	10.99	150	192	Vertical
7	17965.8	44.35	-1.29	54.00	9.65	150	0	Vertical

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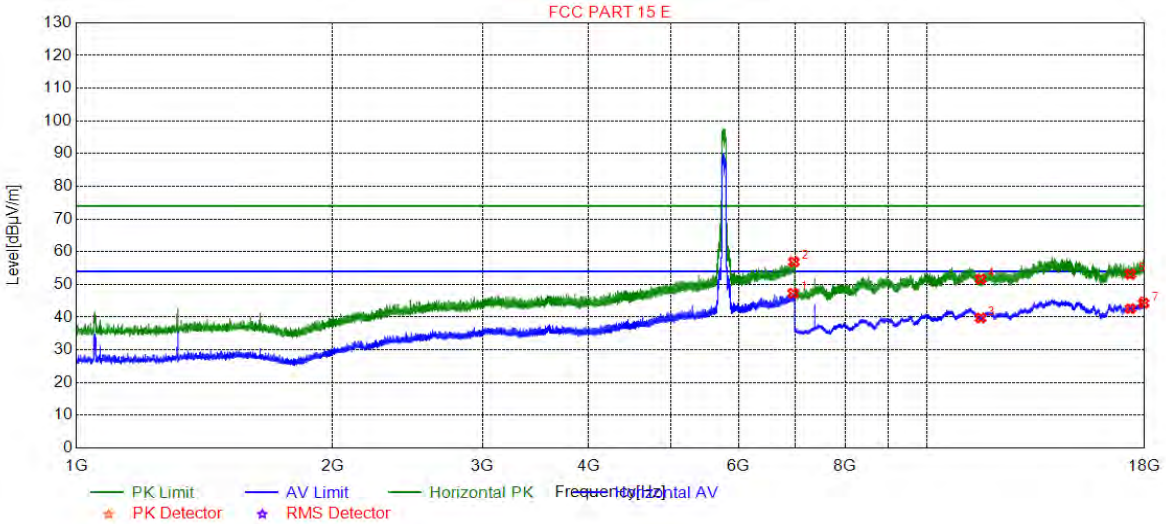
4.9.1.117 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.09	47.30	21.26	54.00	6.70	150	170	Horizontal
2	6969.99	56.91	21.26	74.00	17.09	150	220	Horizontal
3	11550.0	39.77	-2.29	54.00	14.23	150	18	Horizontal
4	11550.0	51.63	-2.29	74.00	22.37	150	68	Horizontal
5	17325.0	53.10	-2.09	74.00	20.90	150	117	Horizontal
6	17325.0	42.60	-2.09	54.00	11.40	150	360	Horizontal
7	17954.8	44.28	-1.29	54.00	9.72	150	218	Horizontal

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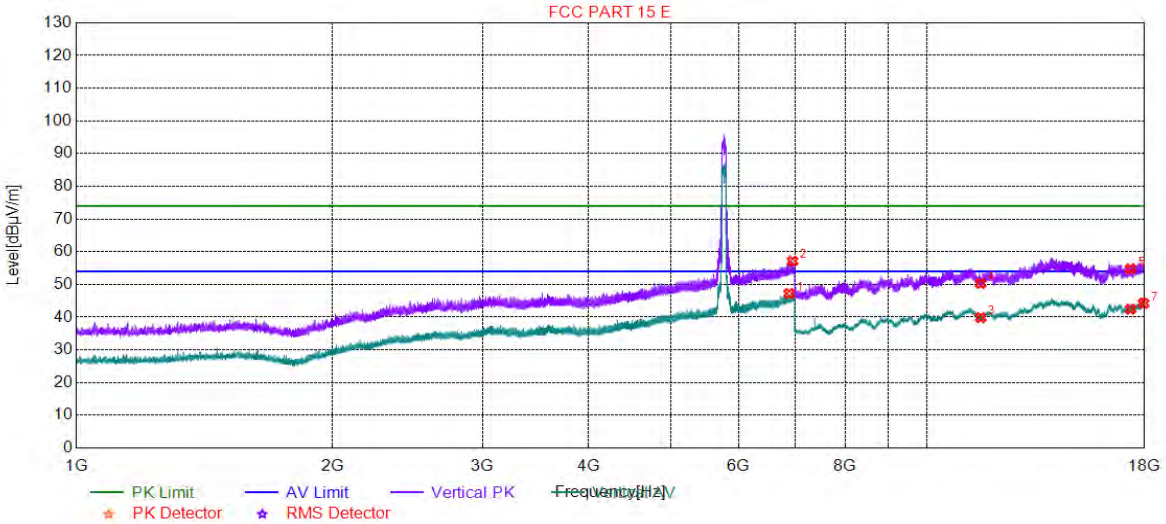
4.9.1.118 802.11AC80_Channel 155

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6879.69	47.23	20.84	54.00	6.77	150	342	Vertical
2	6941.79	57.13	21.18	74.00	16.87	150	342	Vertical
3	11550.0	39.87	-2.29	54.00	14.13	150	92	Vertical
4	11550.0	50.30	-2.29	74.00	23.70	150	0	Vertical
5	17325.0	54.79	-2.09	74.00	19.21	150	0	Vertical
6	17325.0	42.48	-2.09	54.00	11.52	150	0	Vertical
7	17949.3	44.25	-1.30	54.00	9.75	150	42	Vertical

Final Data List

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

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

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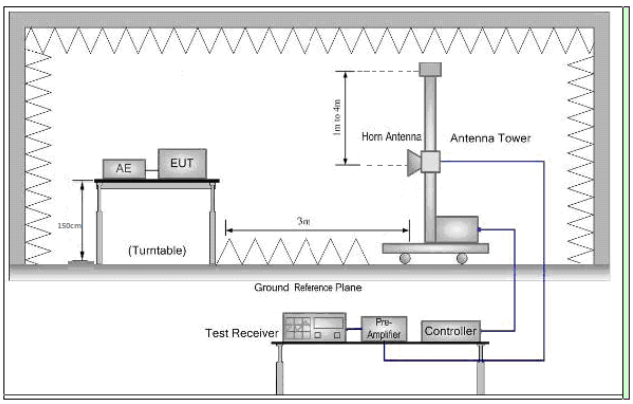
4.10 Restricted bands around fundamental frequency

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:			



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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 camber. 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

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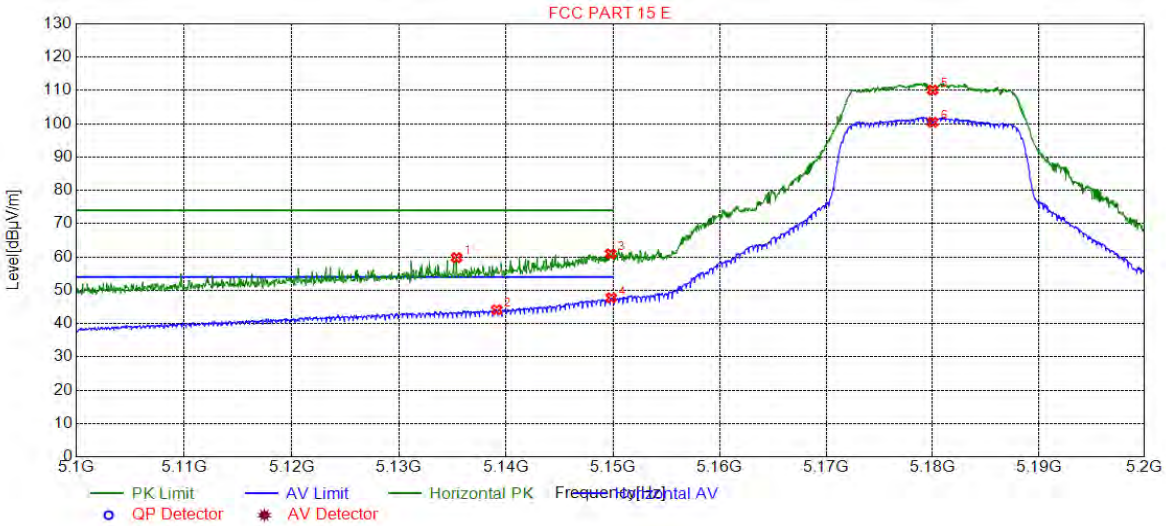
4.11 Restricted bands around fundamental frequency

4.11.1.1 802.11A_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	5135.36	59.82	15.39	74.00	14.18	150	248	Horizontal
2	5139.11	44.18	15.43	54.00	9.82	150	242	Horizontal
3	5149.77	60.98	15.52	74.00	13.02	150	242	Horizontal
4	5149.82	47.78	15.52	54.00	6.22	150	242	Horizontal
5	5180.00	110.12	15.56	0.00	-110.12	150	248	Horizontal
6	5180.00	100.46	15.56	0.00	-100.46	150	242	Horizontal

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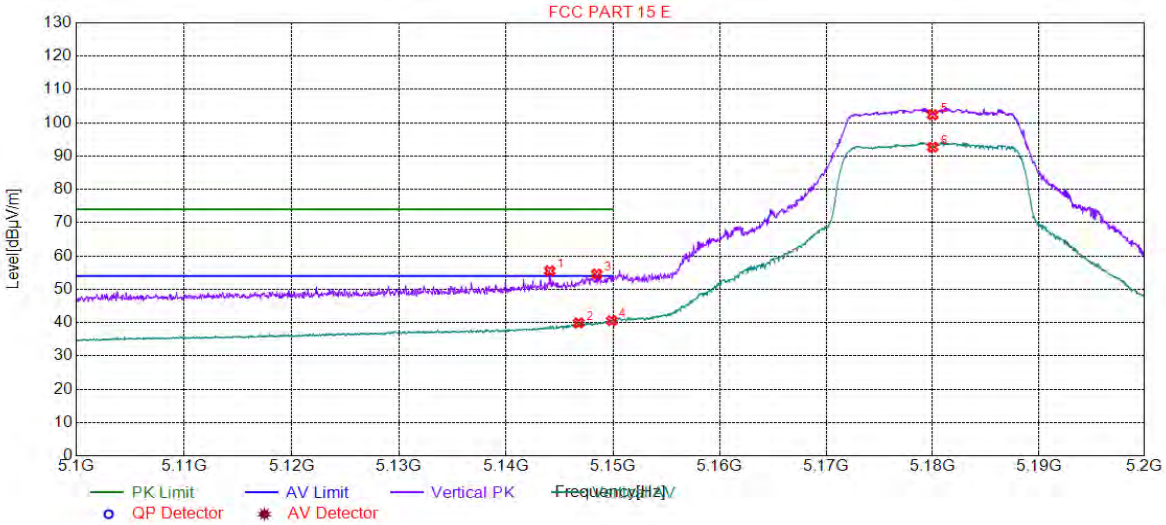
4.11.1.2 802.11A_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.07	55.55	15.47	74.00	18.45	150	106	Vertical
2	5146.77	39.92	15.49	54.00	14.08	150	106	Vertical
3	5148.47	54.61	15.51	74.00	19.39	150	100	Vertical
4	5149.87	40.61	15.52	54.00	13.39	150	106	Vertical
5	5180.00	102.39	15.56	0.00	-102.39	150	166	Vertical
6	5180.00	92.68	15.56	0.00	-92.68	150	111	Vertical

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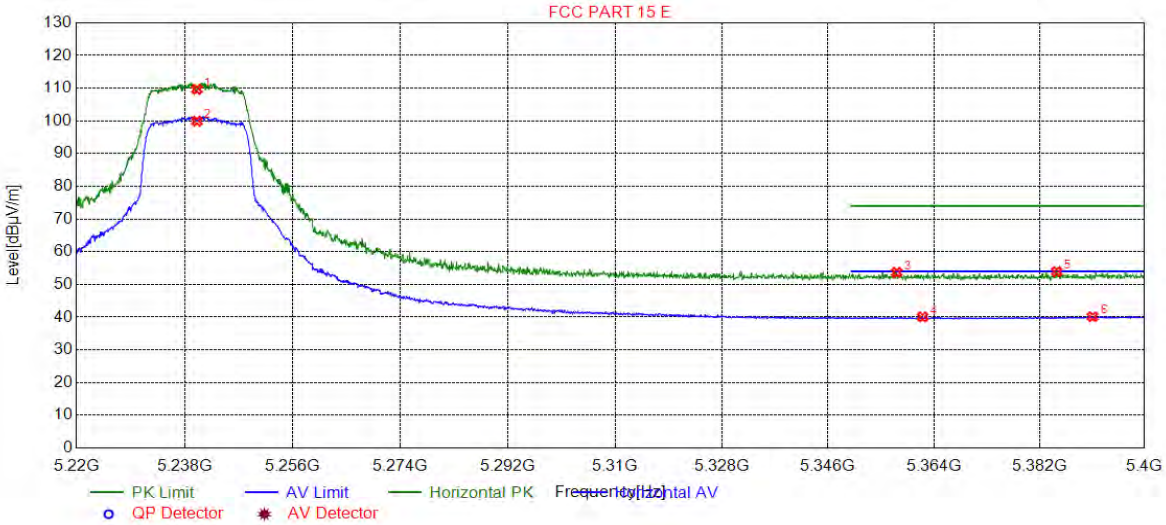
4.11.1.3 802.11A_Channel 48

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	109.67	15.49	0.00	-109.67	150	244	Horizontal
2	5240.00	99.92	15.49	0.00	-99.92	150	244	Horizontal
3	5357.67	53.70	15.99	74.00	20.30	150	237	Horizontal
4	5362.09	40.09	16.01	54.00	13.91	150	16	Horizontal
5	5384.96	53.93	16.16	74.00	20.07	150	36	Horizontal
6	5391.08	40.16	16.19	54.00	13.84	150	244	Horizontal

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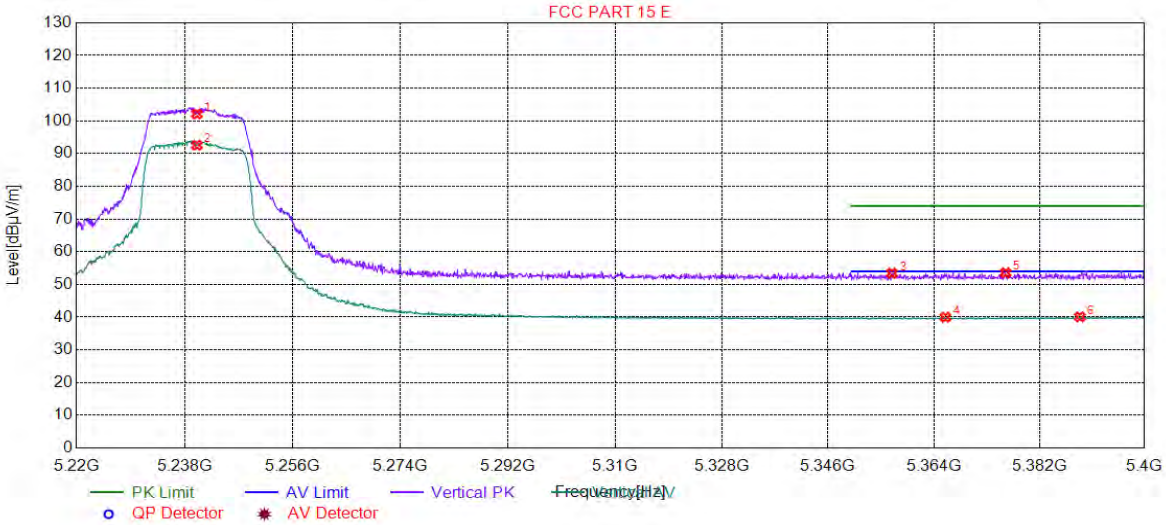
4.11.1.4 802.11A_Channel 48

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	102.13	15.49	0.00	-102.13	150	106	Vertical
2	5240.00	92.57	15.49	0.00	-92.57	150	162	Vertical
3	5356.86	53.47	15.98	74.00	20.53	150	100	Vertical
4	5365.96	40.00	16.04	54.00	14.00	150	318	Vertical
5	5376.22	53.57	16.10	74.00	20.43	150	169	Vertical
6	5388.92	40.09	16.18	54.00	13.91	150	19	Vertical

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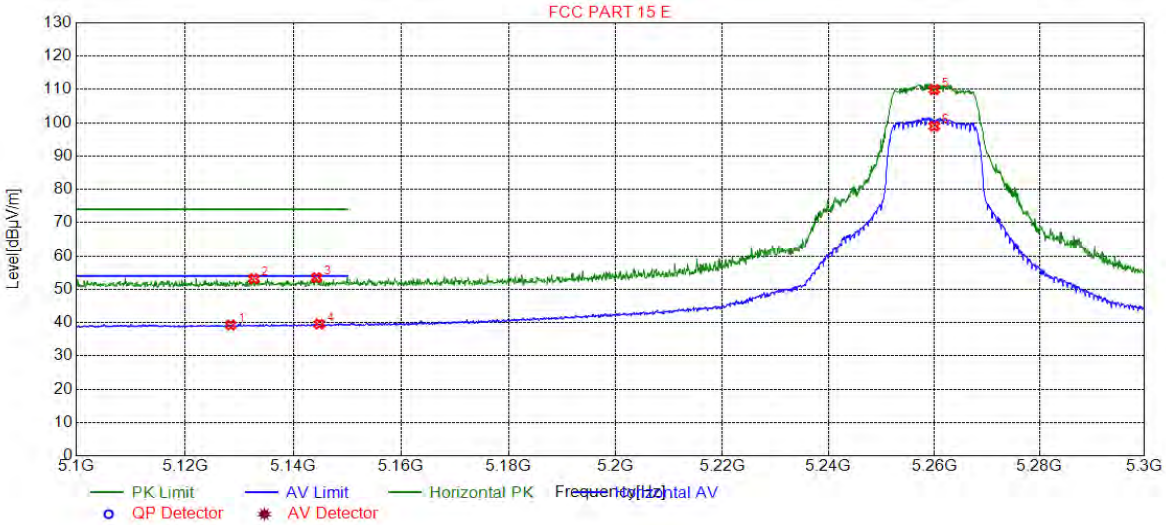
4.11.1.5 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5128.41	39.28	15.33	54.00	14.72	150	242	Horizontal
2	5132.71	53.16	15.37	74.00	20.84	150	311	Horizontal
3	5144.32	53.50	15.47	74.00	20.50	150	16	Horizontal
4	5144.82	39.60	15.48	54.00	14.40	150	214	Horizontal
5	5260.00	109.96	15.51	0.00	-109.96	150	242	Horizontal
6	5260.00	98.94	15.51	0.00	-98.94	150	249	Horizontal

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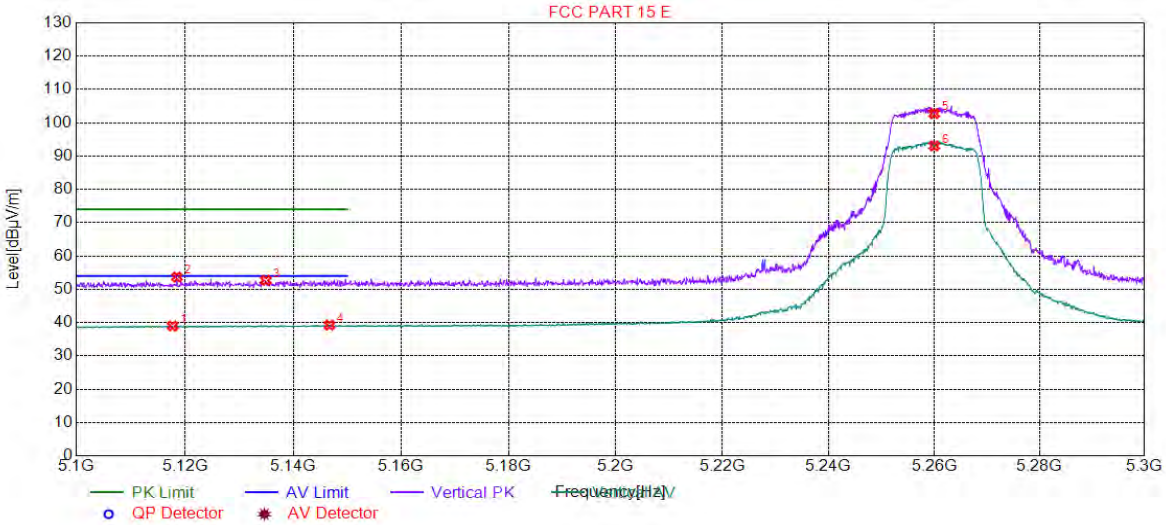
4.11.1.6 802.11A_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5117.70	39.03	15.24	54.00	14.97	150	207	Vertical
2	5118.50	53.70	15.25	74.00	20.30	150	29	Vertical
3	5134.91	52.68	15.39	74.00	21.32	150	283	Vertical
4	5146.72	39.28	15.49	54.00	14.72	150	318	Vertical
5	5260.00	102.80	15.51	0.00	-102.80	150	152	Vertical
6	5260.00	93.05	15.51	0.00	-93.05	150	159	Vertical

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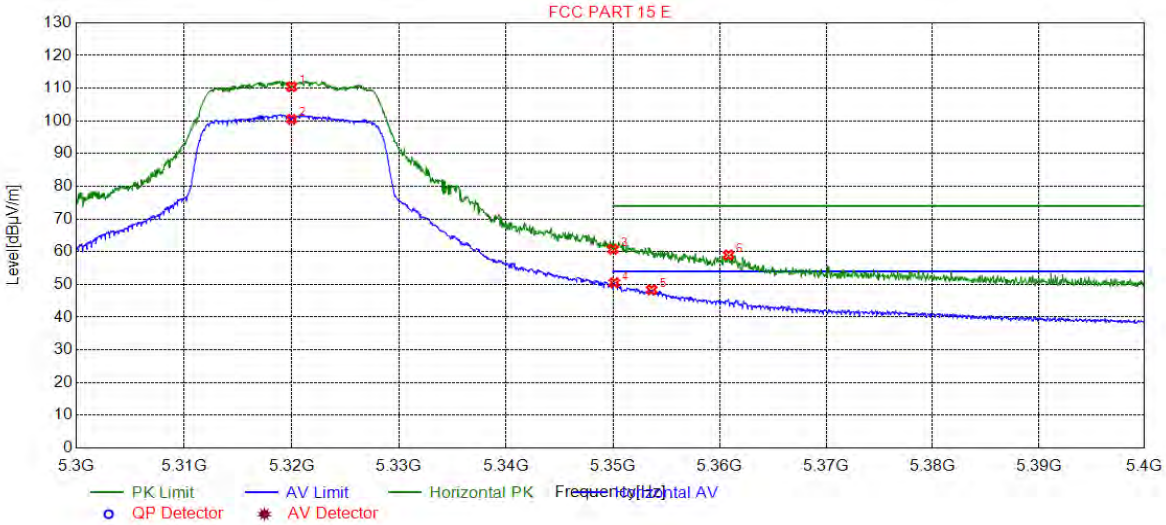
4.11.1.7 802.11A_Channel 64

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	110.47	15.80	0.00	-110.47	150	249	Horizontal
2	5320.00	100.51	15.80	0.00	-100.51	150	242	Horizontal
3	5350.00	60.77	15.94	74.00	13.23	150	249	Horizontal
4	5350.12	50.53	15.94	54.00	3.47	150	242	Horizontal
5	5353.62	48.37	15.96	54.00	5.63	150	242	Horizontal
6	5360.83	59.03	16.01	74.00	14.97	150	242	Horizontal

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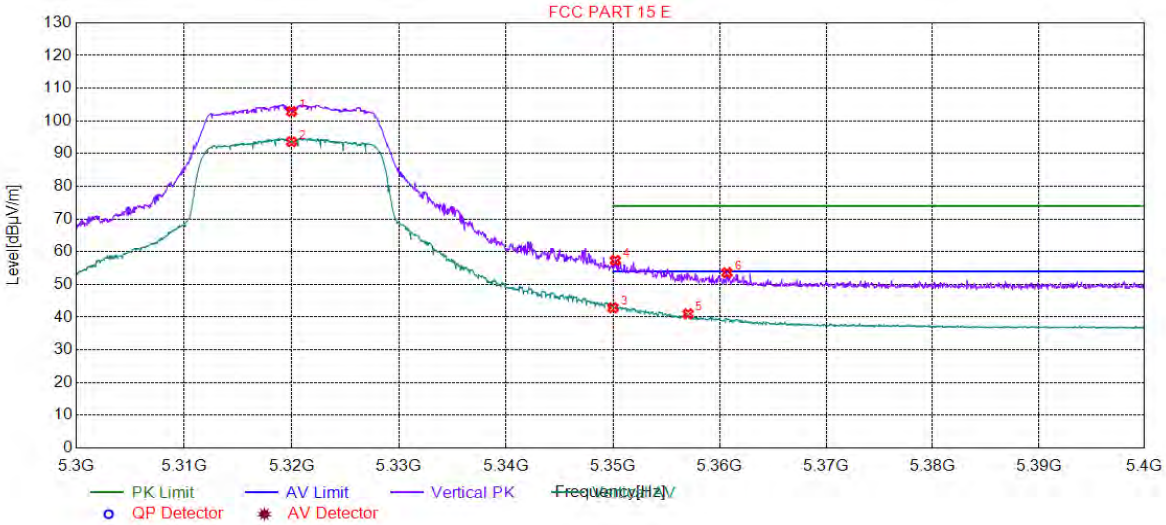
4.11.1.8 802.11A_Channel 64

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	102.88	15.80	0.00	-102.88	150	159	Vertical
2	5320.00	93.62	15.80	0.00	-93.62	150	159	Vertical
3	5350.00	42.86	15.94	54.00	11.14	150	159	Vertical
4	5350.22	57.38	15.94	74.00	16.62	150	159	Vertical
5	5357.02	41.03	15.98	54.00	12.97	150	159	Vertical
6	5360.68	53.59	16.01	74.00	20.41	150	159	Vertical

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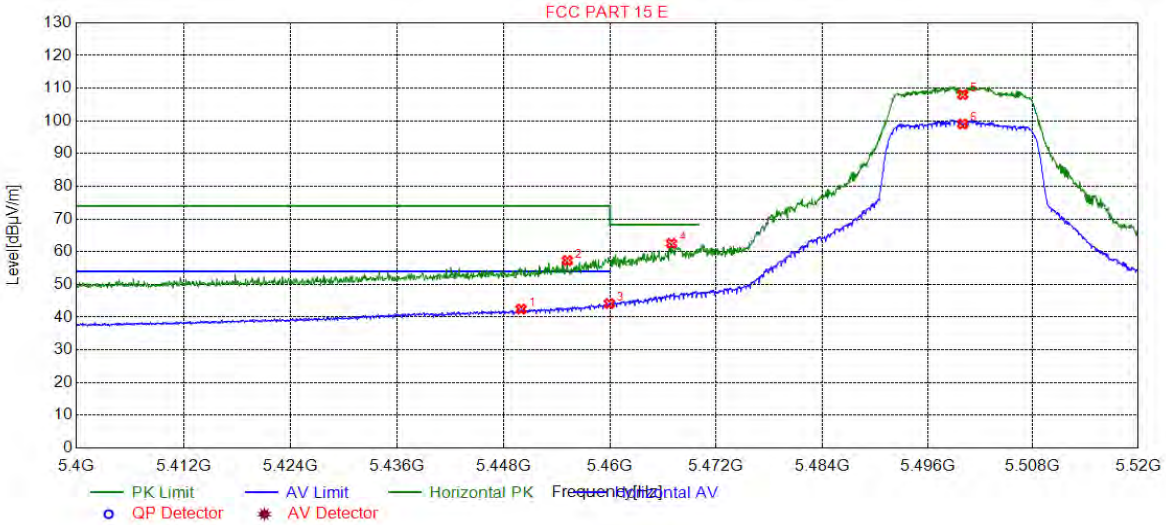
4.11.1.9 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5449.94	42.47	16.25	54.00	11.53	150	239	Horizontal
2	5455.16	57.31	16.25	74.00	16.69	150	244	Horizontal
3	5459.91	44.16	16.25	54.00	9.84	150	239	Horizontal
4	5466.93	62.54	16.25	68.30	5.76	150	244	Horizontal
5	5500.00	108.04	16.25	0.00	-108.04	150	244	Horizontal
6	5500.00	99.07	16.25	0.00	-99.07	150	244	Horizontal

Final Data List

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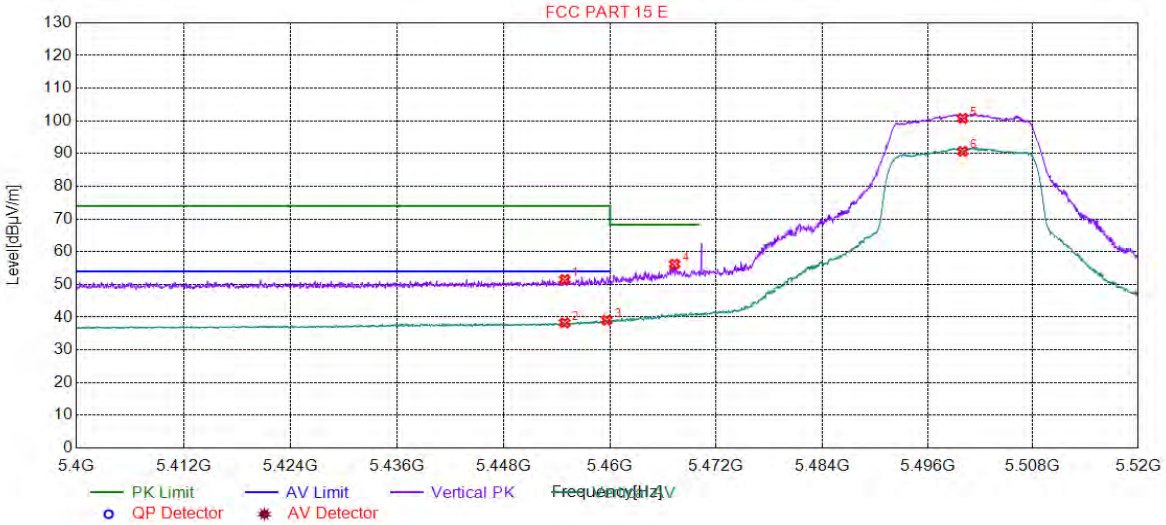
4.11.1.10 802.11A_Channel 100

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5454.86	51.54	16.25	74.00	22.46	150	71	Vertical
2	5454.86	38.27	16.25	54.00	15.73	150	71	Vertical
3	5459.60	39.09	16.25	54.00	14.91	150	160	Vertical
4	5467.29	56.23	16.25	68.30	12.07	150	160	Vertical
5	5500.00	100.78	16.25	0.00	-100.78	150	71	Vertical
6	5500.00	90.72	16.25	0.00	-90.72	150	71	Vertical

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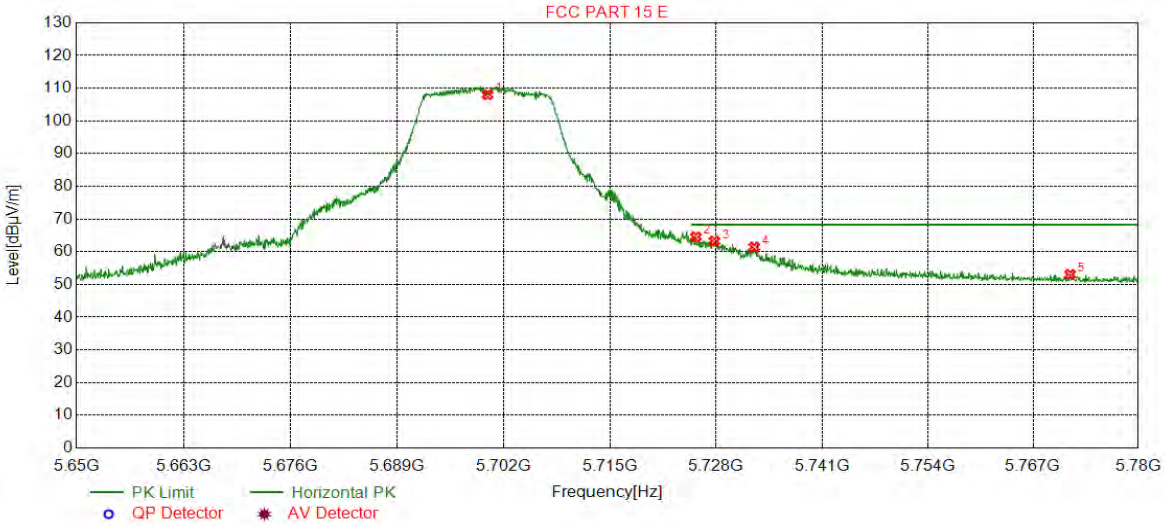
4.11.1.11 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
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1	5700.00	108.03	16.80	0.00	-108.03	150	245	Horizontal
2	5725.50	64.58	16.96	68.30	3.72	150	245	Horizontal
3	5727.77	63.27	16.98	68.30	5.03	150	245	Horizontal
4	5732.65	61.44	17.01	68.30	6.86	150	245	Horizontal
5	5771.61	53.08	17.15	68.30	15.22	150	240	Horizontal

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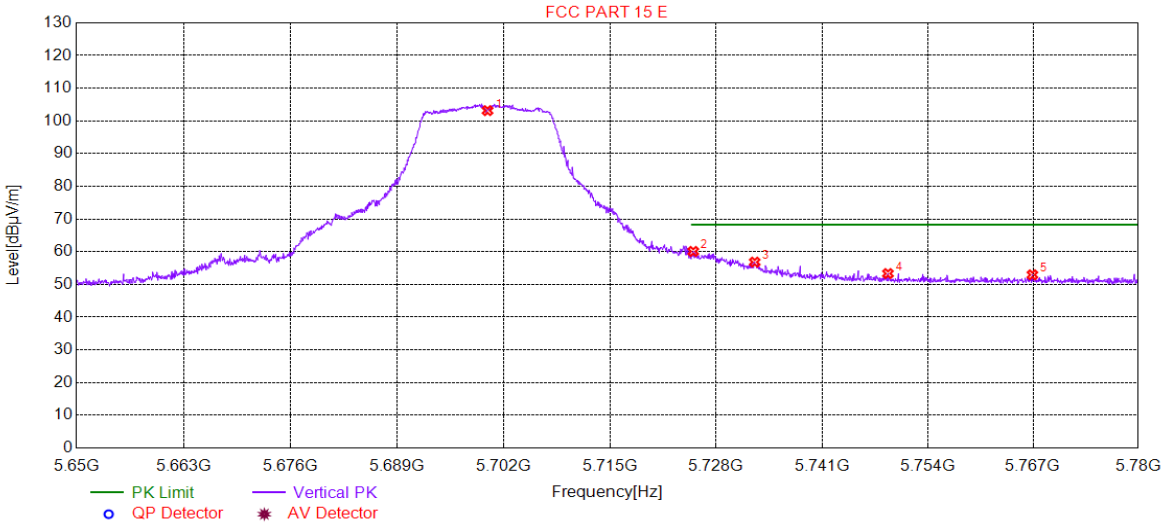
4.11.1.12 802.11A_Channel 140

Test Graph



Suspected List

Suspected List								
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1	5700.00	103.16	16.80	0.00	-103.16	150	143	Vertical
2	5725.17	60.11	16.96	68.30	8.19	150	69	Vertical
3	5732.72	56.84	17.01	68.30	11.46	150	73	Vertical
4	5749.10	53.34	17.11	68.30	14.96	150	32	Vertical
5	5766.92	52.96	17.14	68.30	15.34	150	147	Vertical

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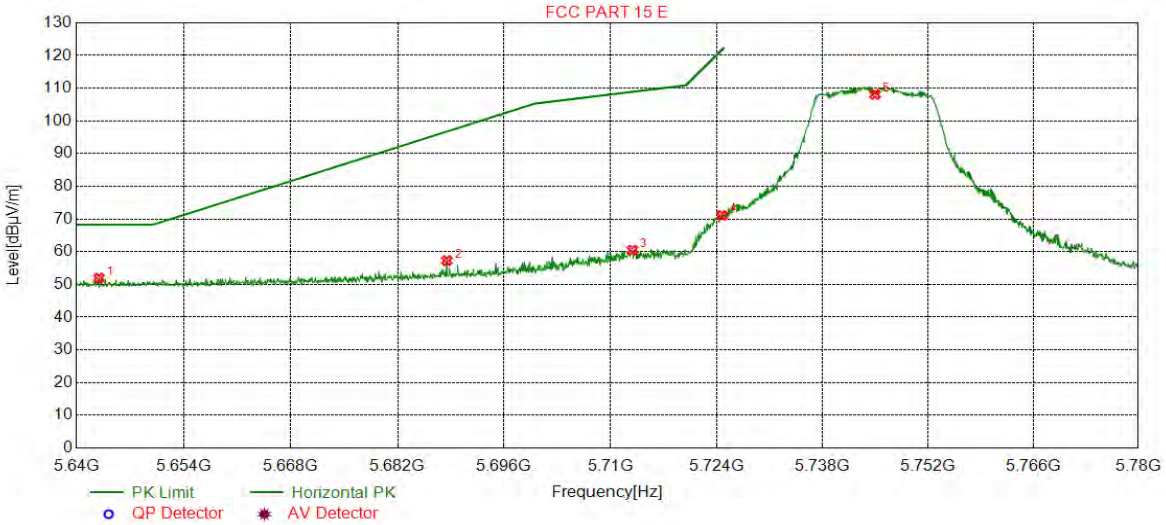
4.11.1.13 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
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1	5642.94	51.96	16.54	68.30	16.34	150	97	Horizontal
2	5688.46	57.29	16.74	96.76	39.47	150	240	Horizontal
3	5712.90	60.52	16.88	108.91	48.39	150	240	Horizontal
4	5724.74	71.13	16.96	121.71	50.58	150	244	Horizontal
5	5745.00	108.12	17.09	0.00	-108.12	150	244	Horizontal

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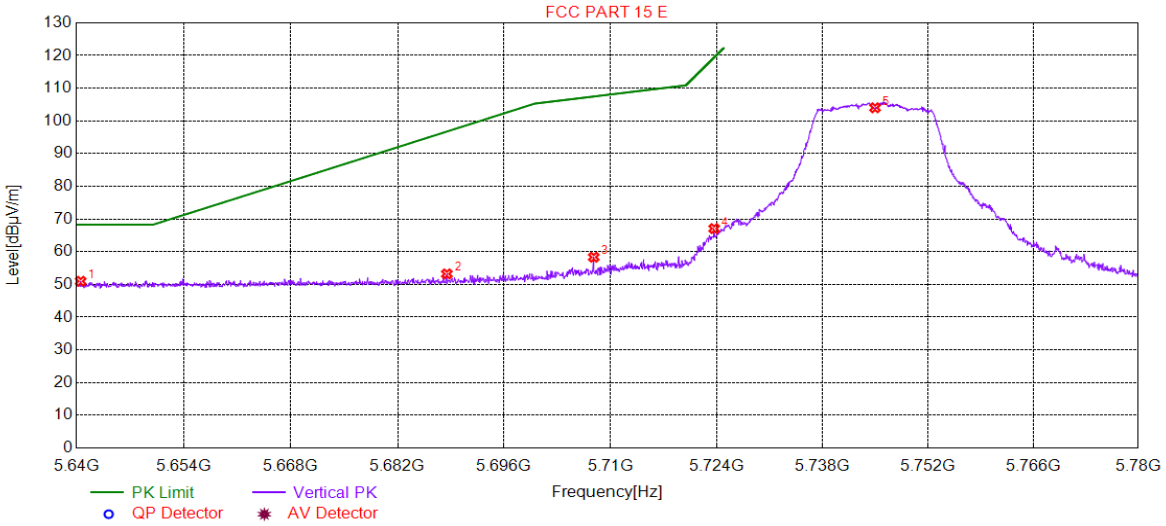
4.11.1.14 802.11A_Channel 149

Test Graph



Suspected List

Suspected List								
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1	5640.56	50.99	16.54	68.30	17.31	150	165	Vertical
2	5688.46	53.24	16.74	96.76	43.52	150	146	Vertical
3	5707.79	58.35	16.85	107.48	49.13	150	77	Vertical
4	5723.69	67.09	16.95	119.32	52.23	150	72	Vertical
5	5745.00	104.03	17.09	0.00	-104.03	150	72	Vertical

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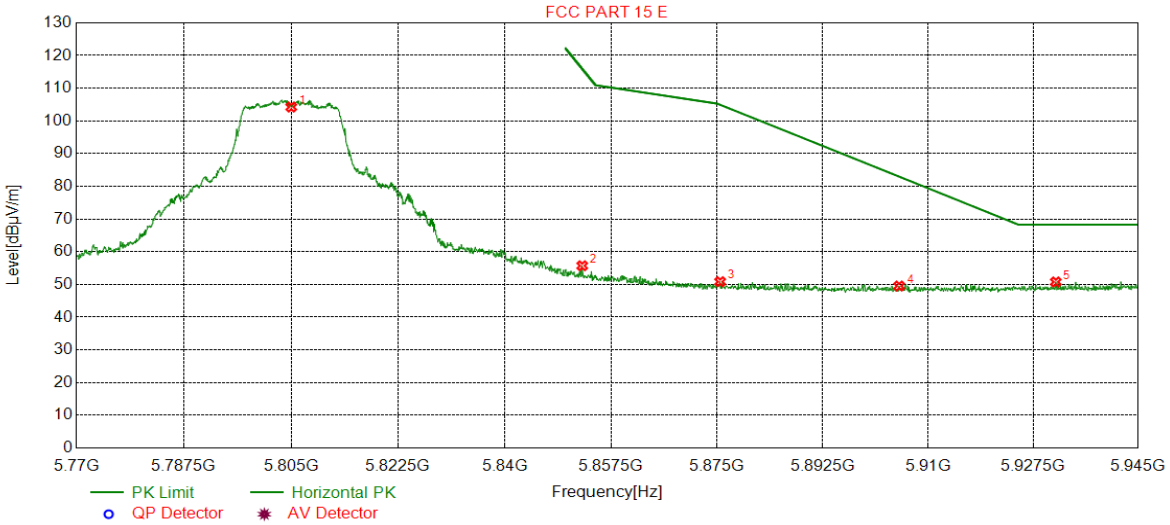
4.11.1.15 802.11A_Channel 161

Test Graph



Suspected List

Suspected List								
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1	5805.00	104.25	17.20	0.00	-104.25	150	61	Horizontal
2	5852.72	55.73	17.25	116.08	60.35	150	240	Horizontal
3	5875.49	50.85	17.18	104.94	54.09	150	274	Horizontal
4	5905.16	49.53	17.19	82.98	33.45	150	212	Horizontal
5	5931.25	50.78	17.59	68.30	17.52	150	274	Horizontal

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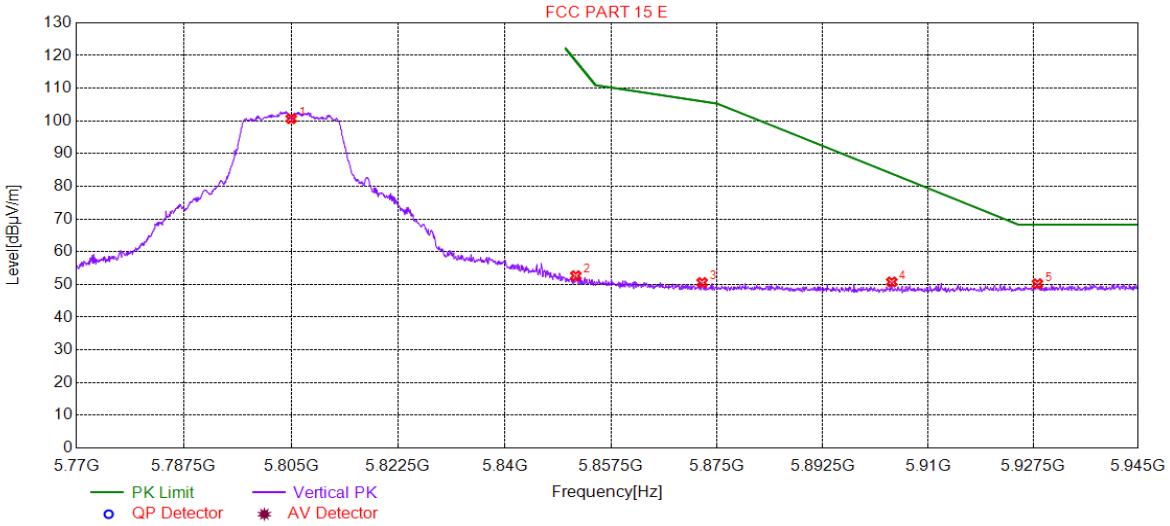
4.11.1.16 802.11A_Channel 161

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	100.68	17.20	0.00	-100.68	150	103	Vertical
2	5851.67	52.67	17.25	118.47	65.80	150	103	Vertical
3	5872.51	50.60	17.19	106.00	55.40	150	196	Vertical
4	5903.94	50.78	17.17	83.88	33.10	150	98	Vertical
5	5928.19	50.23	17.54	68.30	18.07	150	5	Vertical

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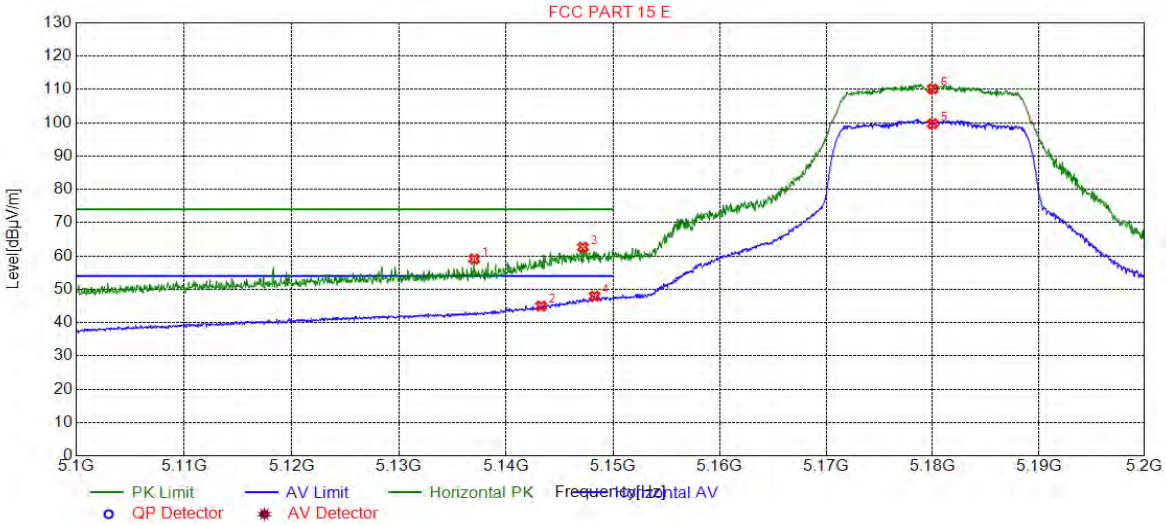
4.11.1.17 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5137.01	59.13	15.41	74.00	14.87	150	243	Horizontal
2	5143.27	44.99	15.46	54.00	9.01	150	243	Horizontal
3	5147.17	62.65	15.50	74.00	11.35	150	249	Horizontal
4	5148.27	47.98	15.51	54.00	6.02	150	243	Horizontal
5	5180.00	99.69	15.56	0.00	-99.69	150	243	Horizontal
6	5180.00	110.16	15.56	0.00	-110.16	150	243	Horizontal

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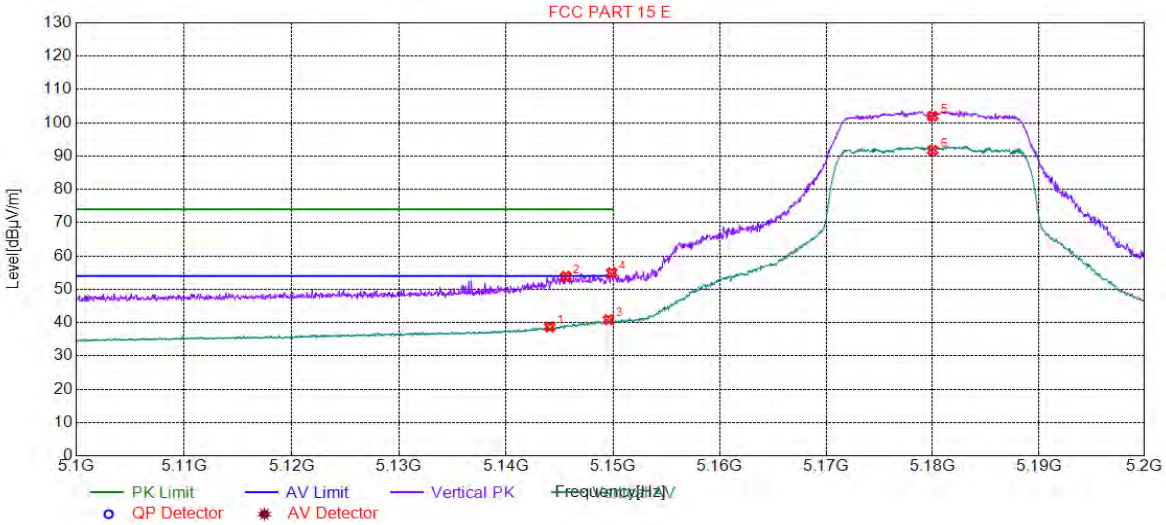
4.11.1.18 802.11N20_Channel 36

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5144.07	38.74	15.47	54.00	15.26	150	104	Vertical
2	5145.57	53.91	15.48	74.00	20.09	150	165	Vertical
3	5149.57	40.89	15.52	54.00	13.11	150	104	Vertical
4	5149.87	54.98	15.52	74.00	19.02	150	110	Vertical
5	5180.00	101.97	15.56	0.00	-101.97	150	104	Vertical
6	5180.00	91.72	15.56	0.00	-91.72	150	104	Vertical

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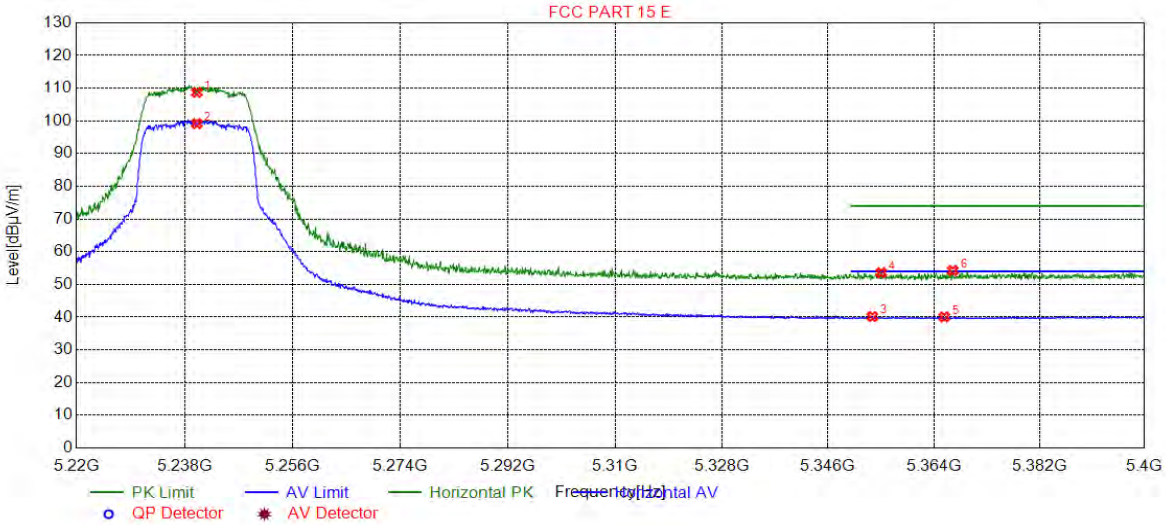
4.11.1.19 802.11N20_Channel 48

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	108.73	15.49	0.00	-108.73	150	248	Horizontal
2	5240.00	99.18	15.49	0.00	-99.18	150	242	Horizontal
3	5353.53	40.18	15.96	54.00	13.82	150	242	Horizontal
4	5355.06	53.59	15.97	74.00	20.41	150	297	Horizontal
5	5365.78	40.07	16.04	54.00	13.93	150	248	Horizontal
6	5367.22	54.25	16.05	74.00	19.75	150	290	Horizontal

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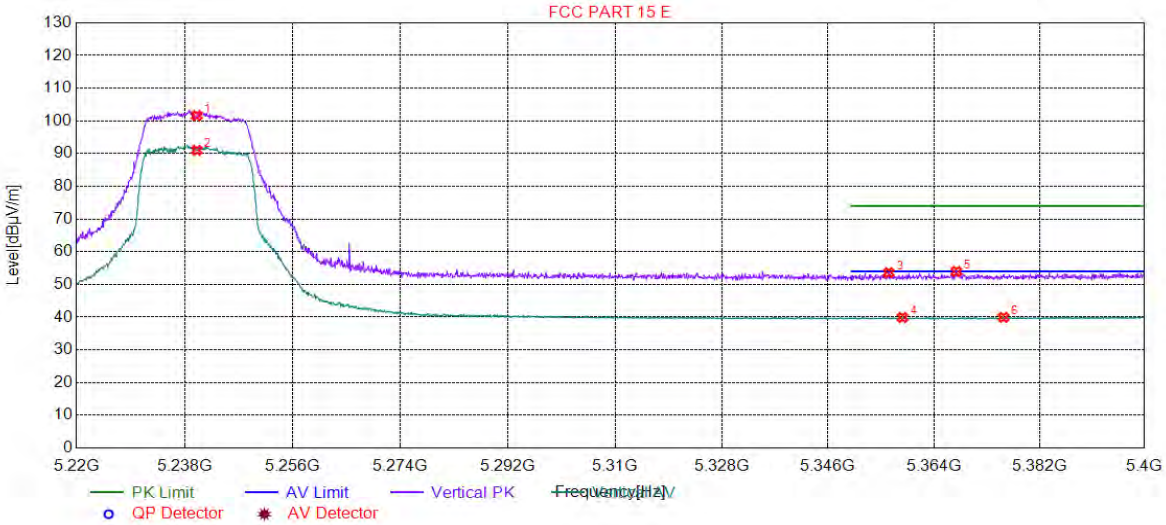
4.11.1.20 802.11N20_Channel 48

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	101.63	15.49	0.00	-101.63	150	111	Vertical
2	5240.00	91.01	15.49	0.00	-91.01	150	111	Vertical
3	5356.32	53.60	15.98	74.00	20.40	150	111	Vertical
4	5358.66	39.91	15.99	54.00	14.09	150	83	Vertical
5	5367.85	53.99	16.05	74.00	20.01	150	28	Vertical
6	5375.86	39.95	16.10	54.00	14.05	150	49	Vertical

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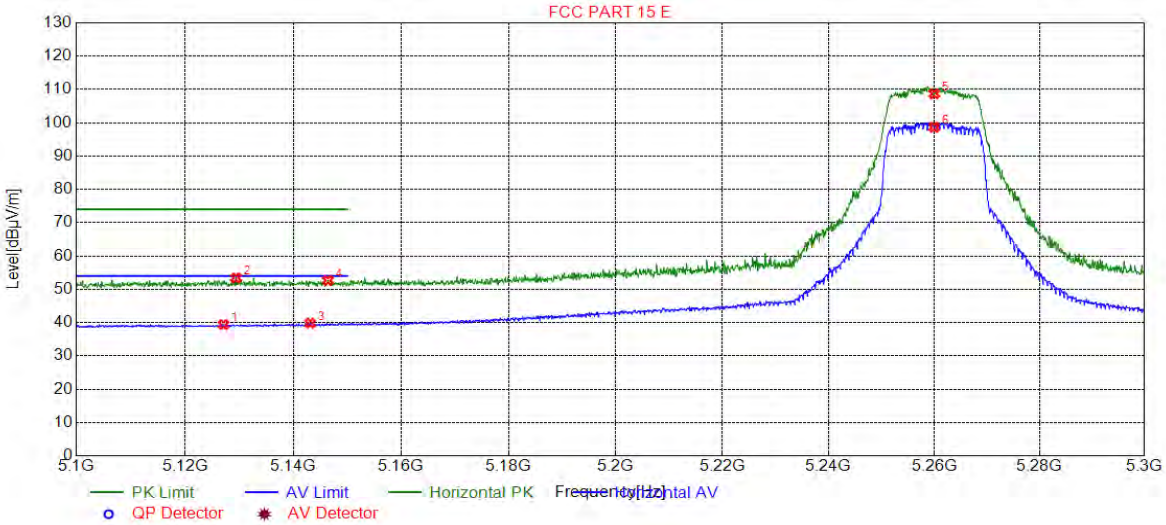
4.11.1.21 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5127.11	39.45	15.32	54.00	14.55	150	241	Horizontal
2	5129.41	53.46	15.34	74.00	20.54	150	269	Horizontal
3	5143.12	39.86	15.46	54.00	14.14	150	241	Horizontal
4	5146.42	52.66	15.49	74.00	21.34	150	262	Horizontal
5	5260.00	108.71	15.51	0.00	-108.71	150	241	Horizontal
6	5260.00	98.64	15.51	0.00	-98.64	150	241	Horizontal

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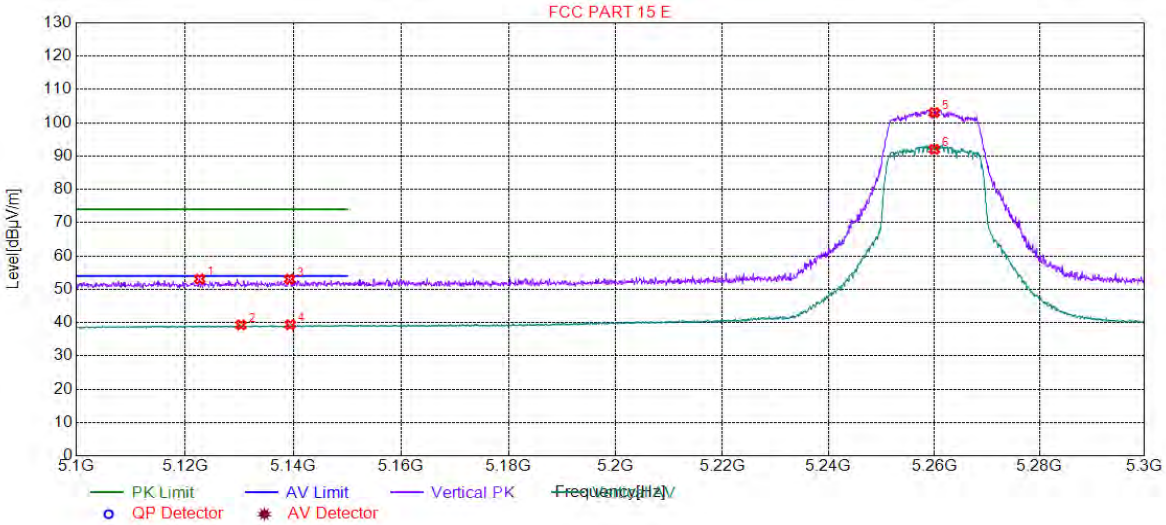
4.11.1.22 802.11N20_Channel 52

Test Graph



Suspected List

Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5122.71	53.11	15.29	74.00	20.89	150	344	Vertical
2	5130.31	39.34	15.35	54.00	14.66	150	155	Vertical
3	5139.31	53.06	15.43	74.00	20.94	150	92	Vertical
4	5139.41	39.39	15.43	54.00	14.61	150	23	Vertical
5	5260.00	103.05	15.51	0.00	-103.05	150	161	Vertical
6	5260.00	92.01	15.51	0.00	-92.01	150	161	Vertical

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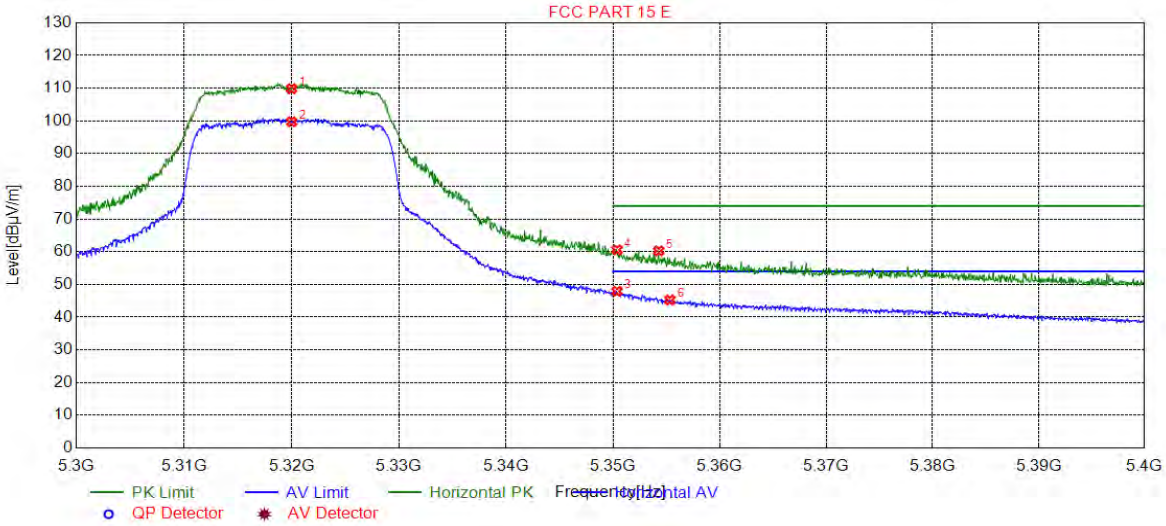
4.11.1.23 802.11N20_Channel 64

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	109.85	15.80	0.00	-109.85	150	250	Horizontal
2	5320.00	99.76	15.80	0.00	-99.76	150	243	Horizontal
3	5350.37	47.95	15.94	54.00	6.05	150	243	Horizontal
4	5350.37	60.61	15.94	74.00	13.39	150	243	Horizontal
5	5354.27	60.28	15.97	74.00	13.72	150	243	Horizontal
6	5355.32	45.27	15.97	54.00	8.73	150	243	Horizontal

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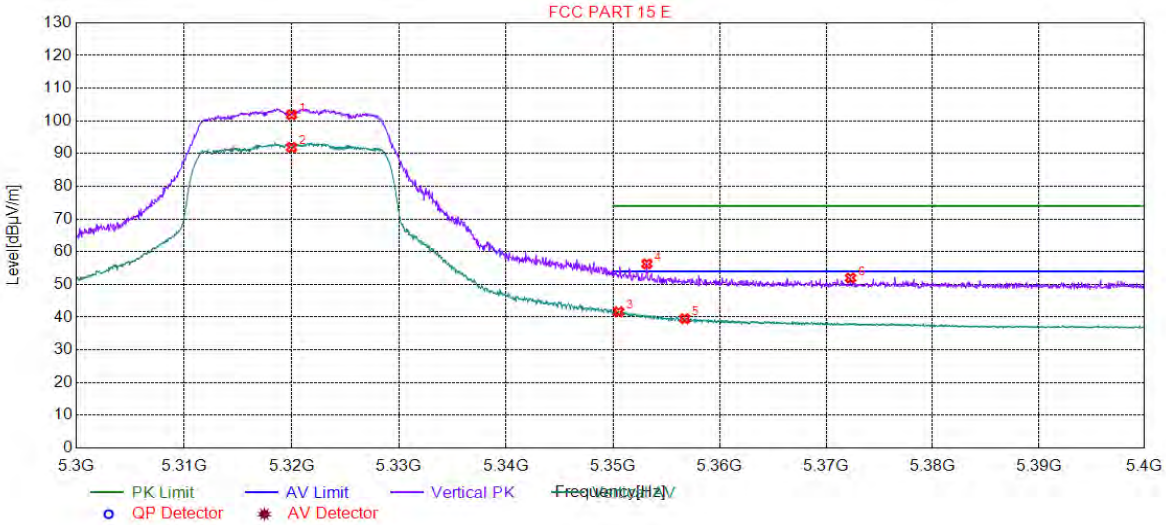
4.11.1.24 802.11N20_Channel 64

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	101.88	15.80	0.00	-101.88	150	159	Vertical
2	5320.00	91.91	15.80	0.00	-91.91	150	159	Vertical
3	5350.52	41.65	15.94	54.00	12.35	150	159	Vertical
4	5353.17	56.31	15.96	74.00	17.69	150	344	Vertical
5	5356.72	39.54	15.98	54.00	14.46	150	159	Vertical
6	5372.28	52.01	16.08	74.00	21.99	150	159	Vertical

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