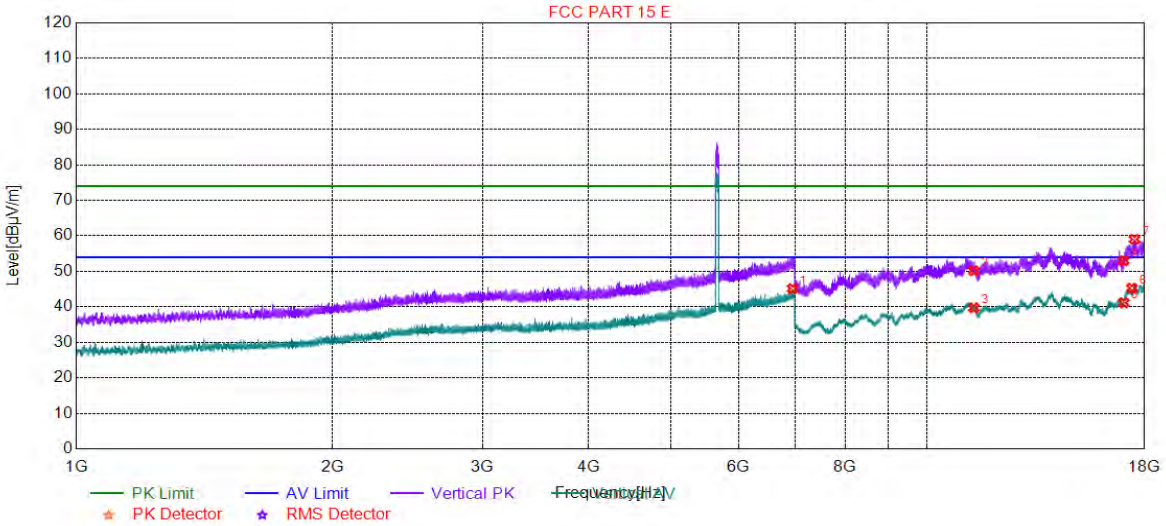
4.8.2.177 11N40_134 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6943.59	45.13	12.56	54.00	8.87	150	226	Vertical
2	11340.0	50.17	-4.59	74.00	23.83	150	18	Vertical
3	11340.0	39.73	-4.59	54.00	14.27	150	302	Vertical
4	17010.0	52.99	-3.20	74.00	21.01	150	218	Vertical
5	17010.0	41.16	-3.20	54.00	12.84	150	47	Vertical
6	17392.7	45.27	-1.00	54.00	8.73	150	132	Vertical
7	17514.8	59.05	0.54	74.00	14.95	150	104	Vertical

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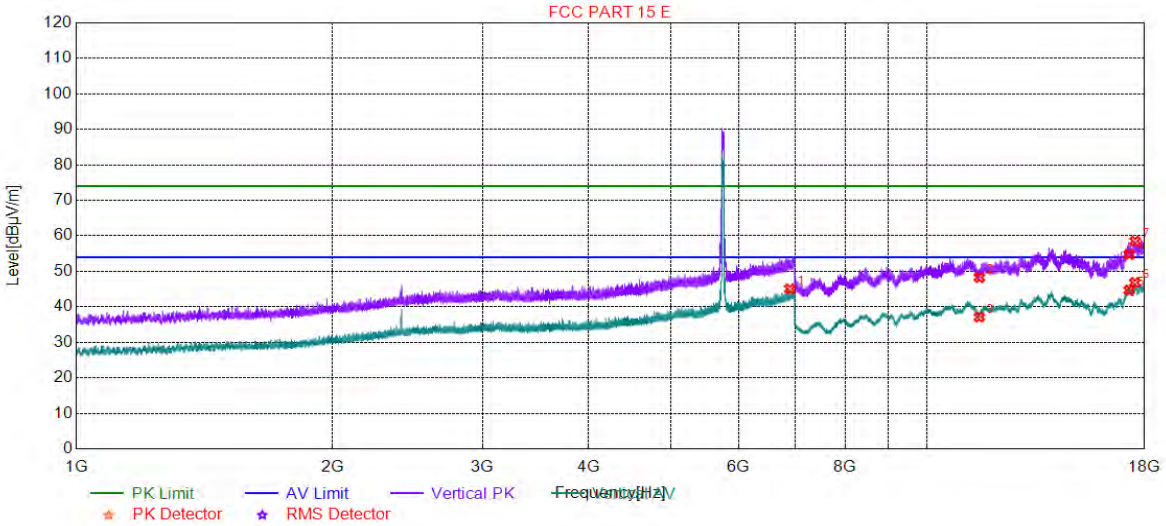
4.8.2.178 11N40_151_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.79	45.06	12.38	54.00	8.94	150	75	Vertical
2	11510.0	48.27	-5.50	74.00	25.73	150	276	Vertical
3	11510.0	37.12	-5.50	54.00	16.88	150	332	Vertical
4	17265.0	54.79	-1.33	74.00	19.21	150	46	Vertical
5	17265.0	44.69	-1.33	54.00	9.31	150	75	Vertical
6	17532.4	46.82	0.77	54.00	7.18	150	276	Vertical
7	17544.5	58.49	0.92	74.00	15.51	150	18	Vertical

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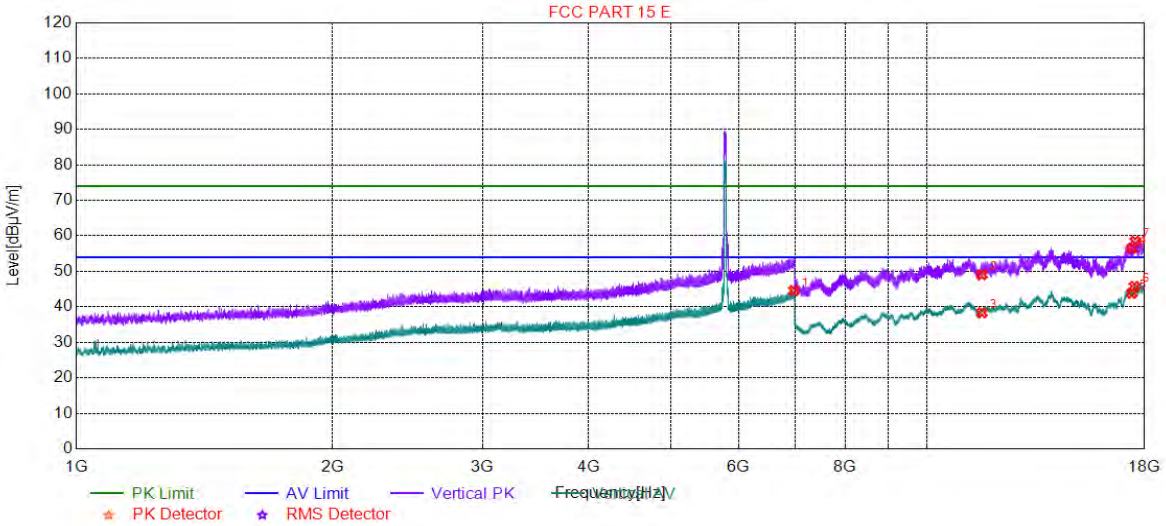
4.8.2.179 11N40_159_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6969.39	44.57	12.66	54.00	9.43	150	218	Vertical
2	11590.0	49.07	-3.32	74.00	24.93	150	273	Vertical
3	11590.0	38.34	-3.32	54.00	15.66	150	103	Vertical
4	17385.0	56.49	-1.02	74.00	17.51	150	75	Vertical
5	17385.0	43.81	-1.02	54.00	10.19	150	216	Vertical
6	17508.8	45.78	0.46	54.00	8.22	150	75	Vertical
7	17545.6	58.49	0.93	74.00	15.51	150	160	Vertical

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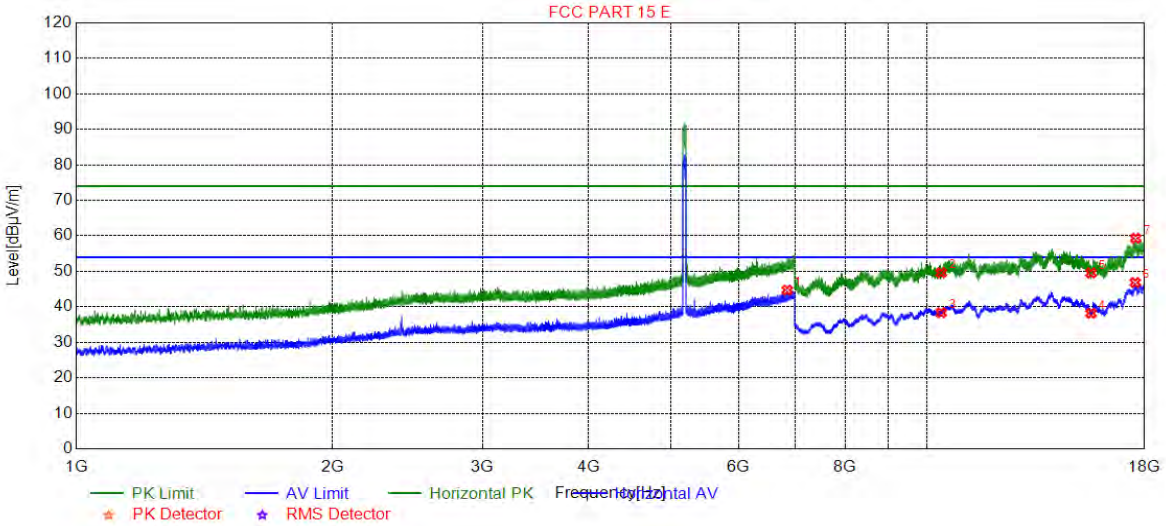
4.8.2.180 11N40_38_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6844.59	44.71	12.19	54.00	9.29	150	313	Horizontal
2	10380.0	49.59	-5.36	74.00	24.41	150	84	Horizontal
3	10380.0	38.37	-5.36	54.00	15.63	150	170	Horizontal
4	15570.0	38.18	-4.02	54.00	15.82	150	342	Horizontal
5	15570.0	49.54	-4.02	74.00	24.46	150	54	Horizontal
6	17547.3	46.85	0.96	54.00	7.15	150	256	Horizontal
7	17566.0	59.34	1.20	74.00	14.66	150	113	Horizontal

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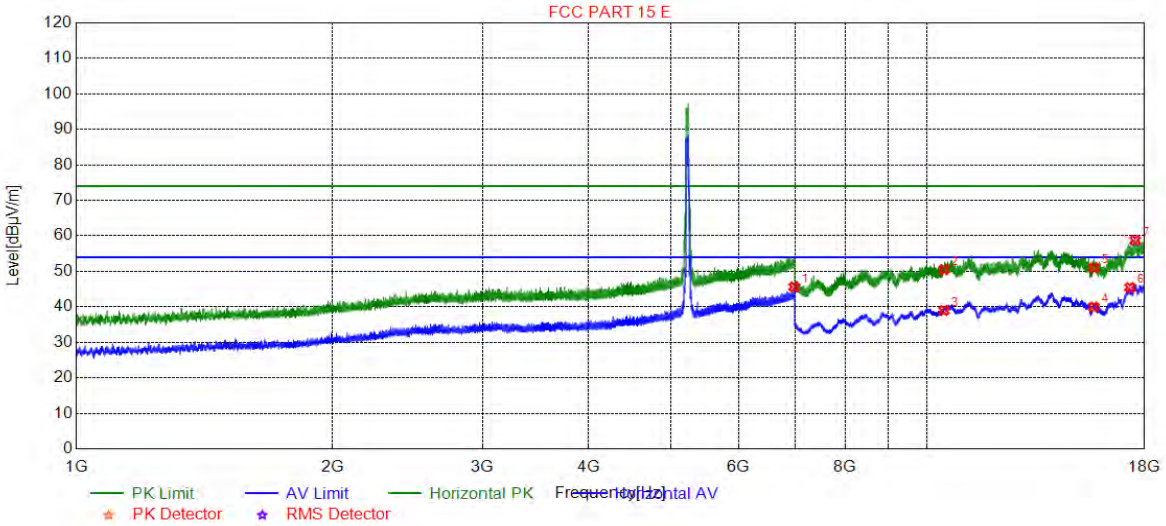
4.8.2.181 11N40_46_MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	45.62	12.67	54.00	8.38	150	142	Horizontal
2	10460.0	50.50	-4.70	74.00	23.50	150	285	Horizontal
3	10460.0	38.99	-4.70	54.00	15.01	150	229	Horizontal
4	15690.0	39.96	-2.93	54.00	14.04	150	30	Horizontal
5	15690.0	50.99	-2.93	74.00	23.01	150	257	Horizontal
6	17298.7	45.46	-1.18	54.00	8.54	150	86	Horizontal
7	17541.2	58.73	0.88	74.00	15.27	150	257	Horizontal

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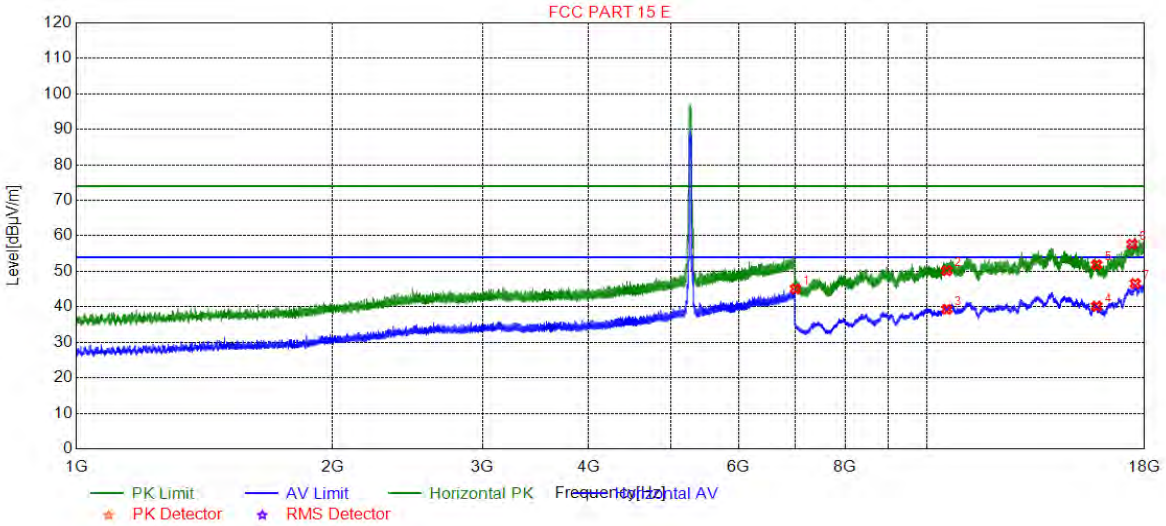
4.8.2.182 11N40_54_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6997.59	45.05	12.76	54.00	8.95	150	310	Horizontal
2	10540.0	50.17	-4.46	74.00	23.83	150	199	Horizontal
3	10540.0	39.30	-4.46	54.00	14.70	150	29	Horizontal
4	15810.0	40.17	-2.42	54.00	13.83	150	342	Horizontal
5	15810.0	51.84	-2.42	74.00	22.16	150	342	Horizontal
6	17401.5	57.67	-0.97	74.00	16.33	150	342	Horizontal
7	17549.5	46.57	0.98	54.00	7.43	150	85	Horizontal

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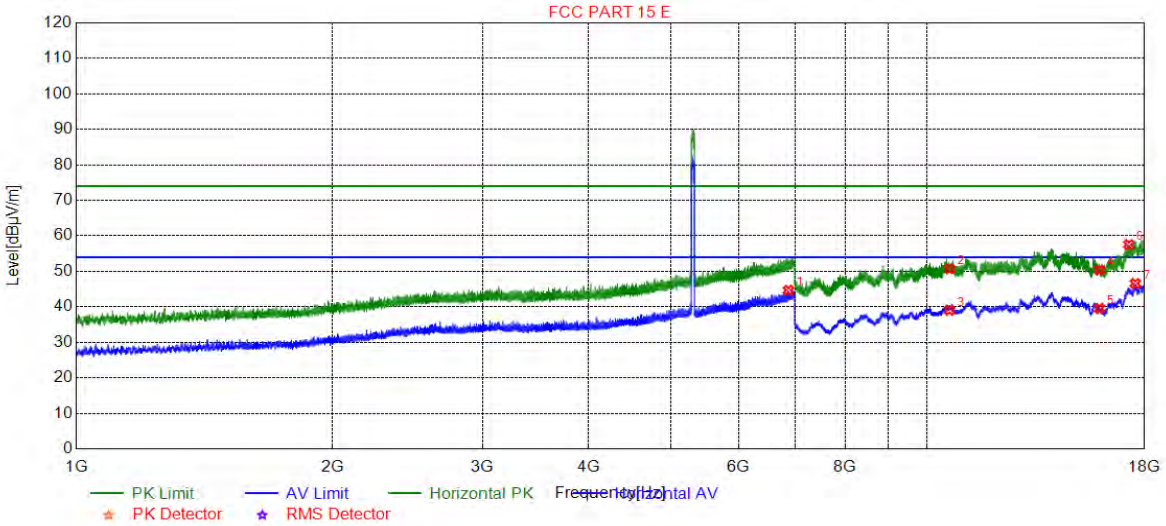
4.8.2.183 11N40_62_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6867.39	44.67	12.28	54.00	9.33	150	342	Horizontal
2	10620.0	50.73	-4.72	74.00	23.27	150	142	Horizontal
3	10620.0	39.05	-4.72	54.00	14.95	150	256	Horizontal
4	15930.0	50.40	-3.73	74.00	23.60	150	2	Horizontal
5	15930.0	39.59	-3.73	54.00	14.41	150	170	Horizontal
6	17246.4	57.54	-1.42	74.00	16.46	150	284	Horizontal
7	17553.3	46.59	1.03	54.00	7.41	150	170	Horizontal

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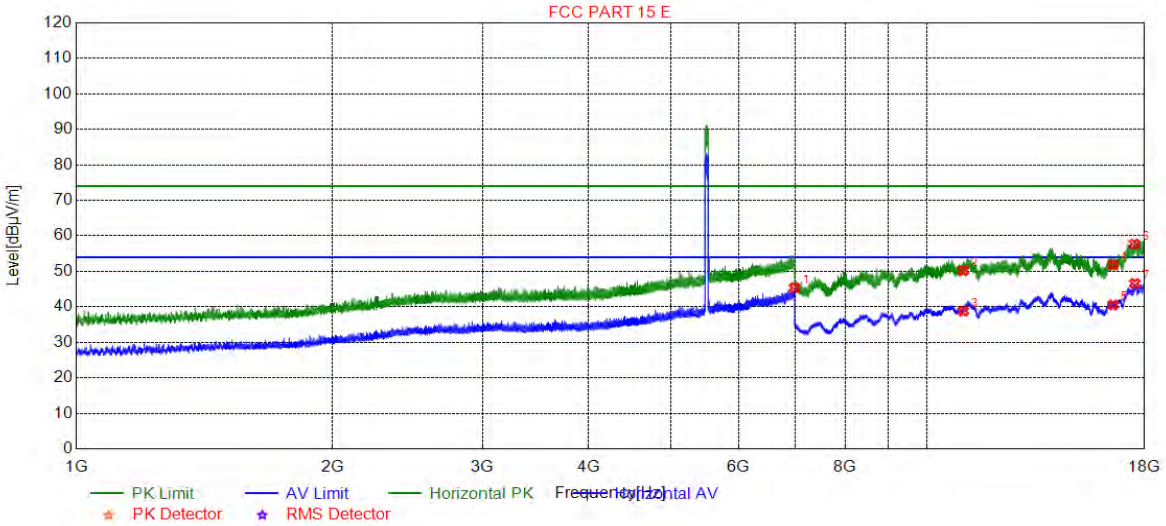
4.8.2.184 11N40_102 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6983.49	45.38	12.71	54.00	8.62	150	28	Horizontal
2	11020.0	50.22	-4.09	74.00	23.78	150	2	Horizontal
3	11020.0	38.84	-4.09	54.00	15.16	150	284	Horizontal
4	16530.0	51.87	-3.84	74.00	22.13	150	342	Horizontal
5	16530.0	40.56	-3.84	54.00	13.44	150	342	Horizontal
6	17518.1	57.68	0.58	74.00	16.32	150	2	Horizontal
7	17529.1	46.60	0.72	54.00	7.40	150	113	Horizontal

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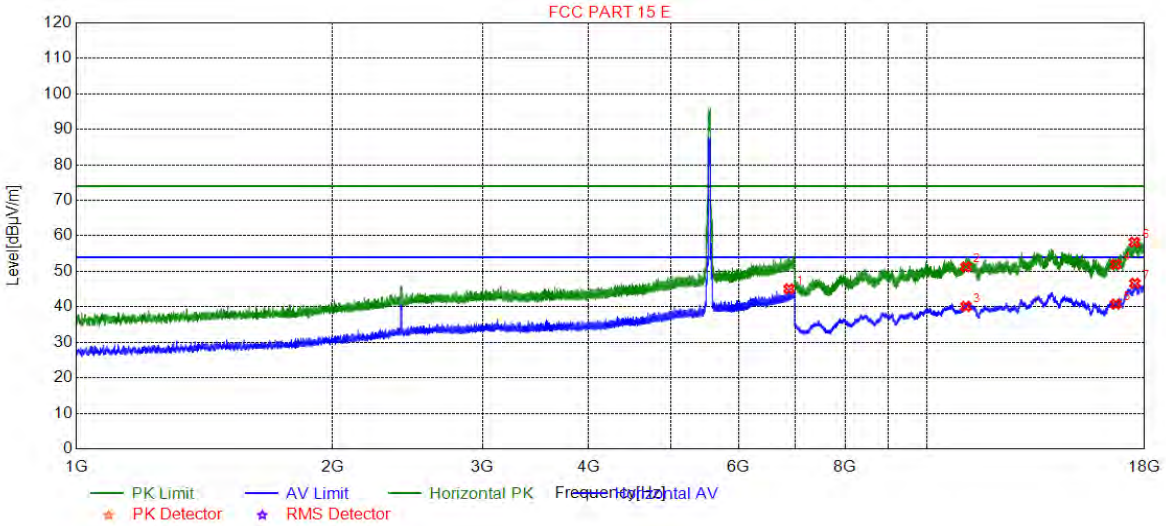
4.8.2.185 11N40_110_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6879.09	45.08	12.32	54.00	8.92	150	313	Horizontal
2	11100.0	51.24	-3.36	74.00	22.76	150	257	Horizontal
3	11100.0	40.12	-3.36	54.00	13.88	150	87	Horizontal
4	16650.0	51.99	-4.20	74.00	22.01	150	3	Horizontal
5	16650.0	40.76	-4.20	54.00	13.24	150	58	Horizontal
6	17512.1	58.22	0.51	74.00	15.78	150	144	Horizontal
7	17532.4	46.65	0.77	54.00	7.35	150	115	Horizontal

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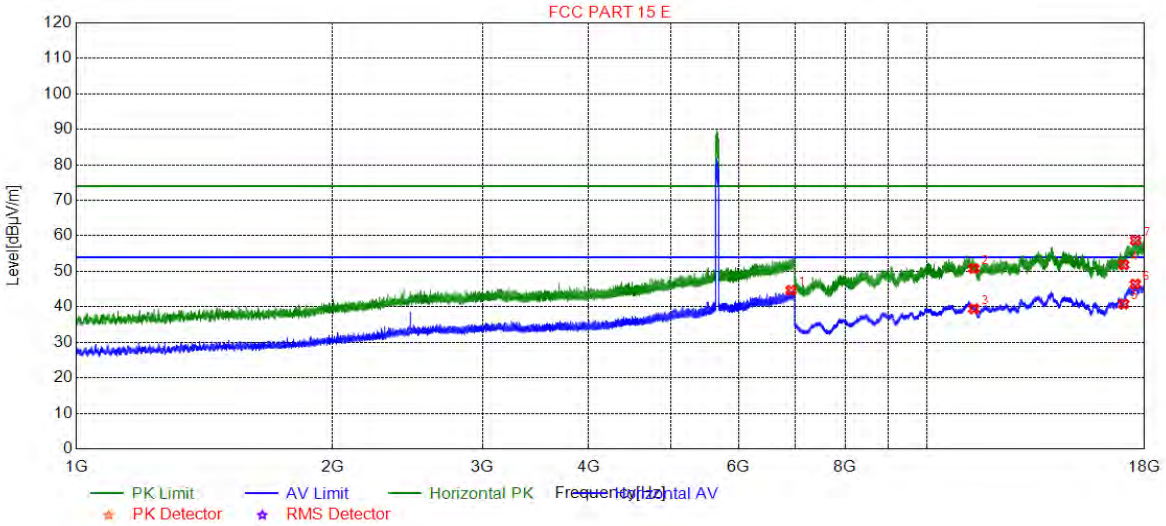
4.8.2.186 11N40_134 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6916.29	44.65	12.46	54.00	9.35	150	255	Horizontal
2	11340.0	50.81	-4.59	74.00	23.19	150	342	Horizontal
3	11340.0	39.47	-4.59	54.00	14.53	150	342	Horizontal
4	17010.0	51.86	-3.20	74.00	22.14	150	284	Horizontal
5	17010.0	40.78	-3.20	54.00	13.22	150	57	Horizontal
6	17551.7	46.42	1.01	54.00	7.58	150	313	Horizontal
7	17558.8	58.73	1.10	74.00	15.27	150	342	Horizontal

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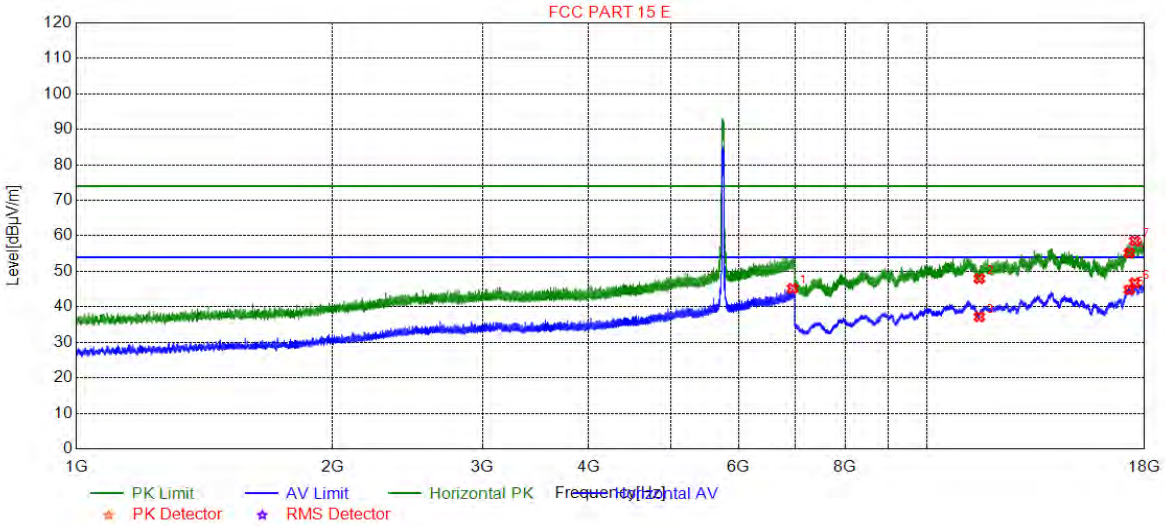
4.8.2.187 11N40_151 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.99	45.17	12.56	54.00	8.83	150	313	Horizontal
2	11510.0	47.94	-5.50	74.00	26.06	150	171	Horizontal
3	11510.0	37.19	-5.50	54.00	16.81	150	314	Horizontal
4	17265.0	55.16	-1.33	74.00	18.84	150	284	Horizontal
5	17265.0	44.82	-1.33	54.00	9.18	150	57	Horizontal
6	17525.3	46.73	0.67	54.00	7.27	150	143	Horizontal
7	17532.4	58.60	0.77	74.00	15.40	150	29	Horizontal

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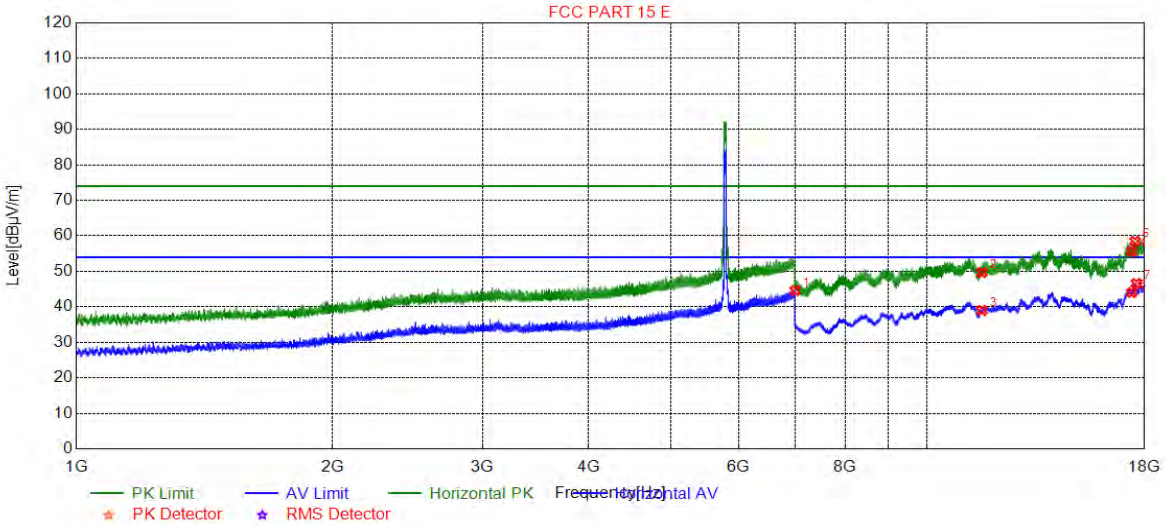
4.8.2.188 11N40_159_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6993.39	44.59	12.75	54.00	9.41	150	142	Horizontal
2	11590.0	49.66	-3.32	74.00	24.34	150	86	Horizontal
3	11590.0	38.98	-3.32	54.00	15.02	150	29	Horizontal
4	17385.0	55.64	-1.02	74.00	18.36	150	114	Horizontal
5	17385.0	44.05	-1.02	54.00	9.95	150	58	Horizontal
6	17540.1	58.47	0.86	74.00	15.53	150	114	Horizontal
7	17602.3	46.60	1.57	54.00	7.40	150	171	Horizontal

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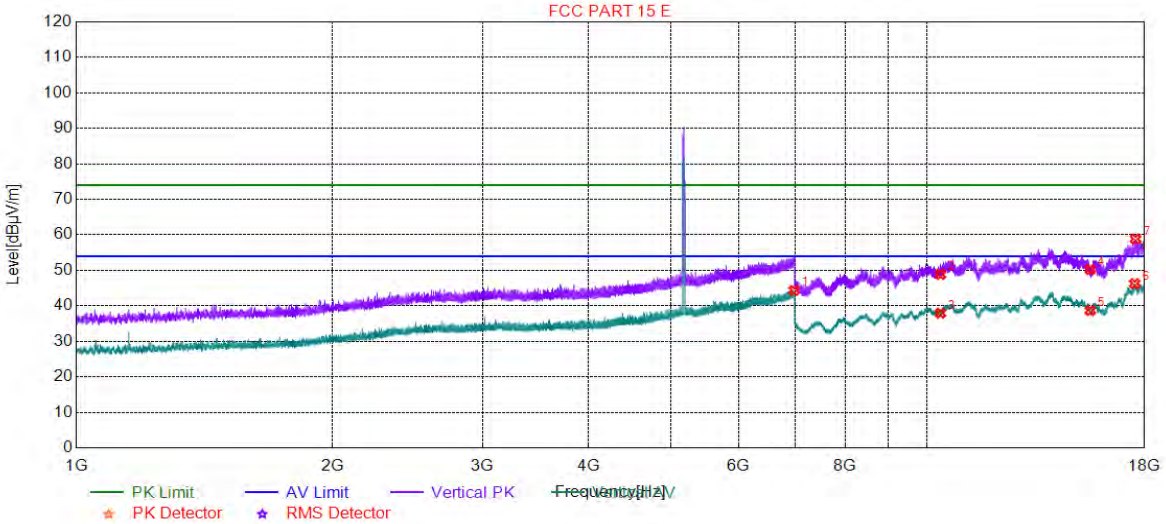
4.8.2.189 11AC20_36_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.59	44.36	12.67	54.00	9.64	150	161	Vertical
2	10360.0	48.86	-5.35	74.00	25.14	150	18	Vertical
3	10360.0	37.96	-5.35	54.00	16.04	150	161	Vertical
4	15540.0	50.24	-3.26	74.00	23.76	150	76	Vertical
5	15540.0	38.68	-3.26	54.00	15.32	150	219	Vertical
6	17526.9	46.24	0.70	54.00	7.76	150	276	Vertical
7	17558.3	58.85	1.10	74.00	15.15	150	219	Vertical

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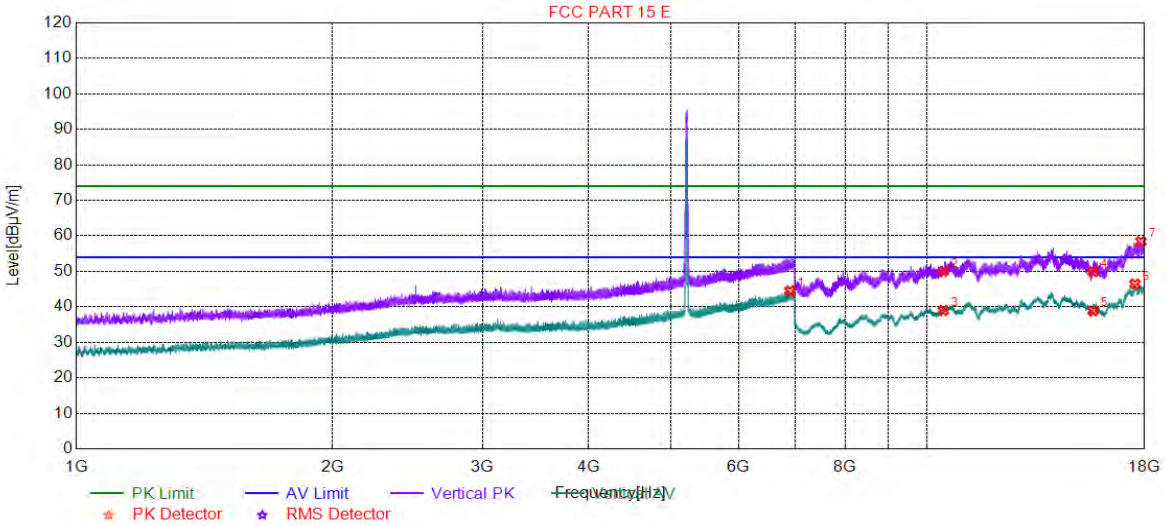
4.8.2.190 11AC20_44_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.09	44.51	12.39	54.00	9.49	150	189	Vertical
2	10440.0	50.00	-4.92	74.00	24.00	150	189	Vertical
3	10440.0	39.00	-4.92	54.00	15.00	150	245	Vertical
4	15660.0	49.91	-3.54	74.00	24.09	150	357	Vertical
5	15660.0	38.89	-3.54	54.00	15.11	150	18	Vertical
6	17539.0	46.46	0.85	54.00	7.54	150	18	Vertical
7	17823.4	58.39	-0.85	74.00	15.61	150	330	Vertical

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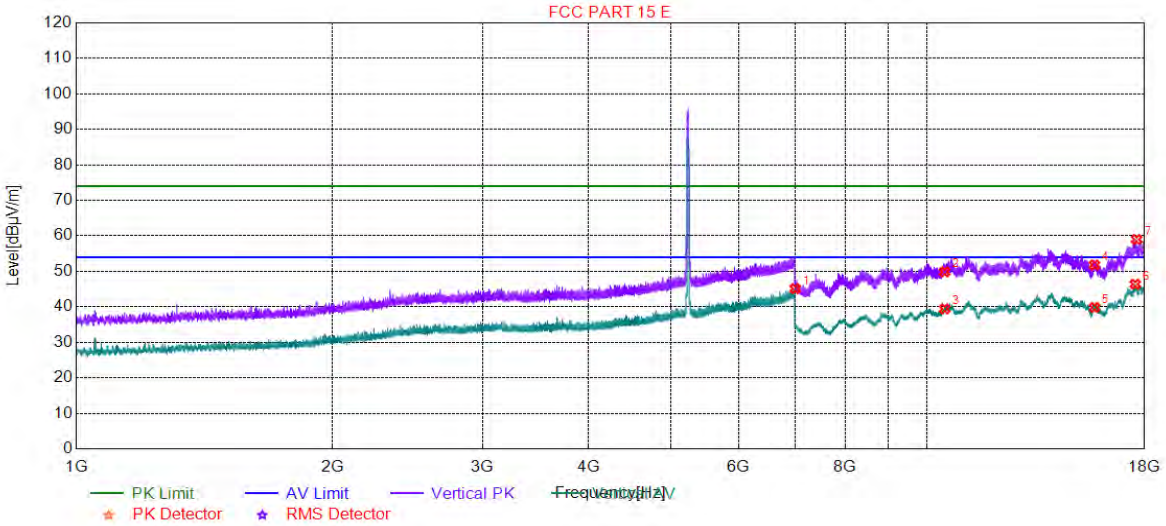
4.8.2.191 11AC20_48_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.19	45.12	12.74	54.00	8.88	150	104	Vertical
2	10480.0	49.86	-4.49	74.00	24.14	150	163	Vertical
3	10480.0	39.44	-4.49	54.00	14.56	150	224	Vertical
4	15720.0	51.80	-2.65	74.00	22.20	150	281	Vertical
5	15720.0	39.84	-2.65	54.00	14.16	150	18	Vertical
6	17549.5	46.39	0.98	54.00	7.61	150	309	Vertical
7	17613.3	59.00	1.28	74.00	15.00	150	163	Vertical

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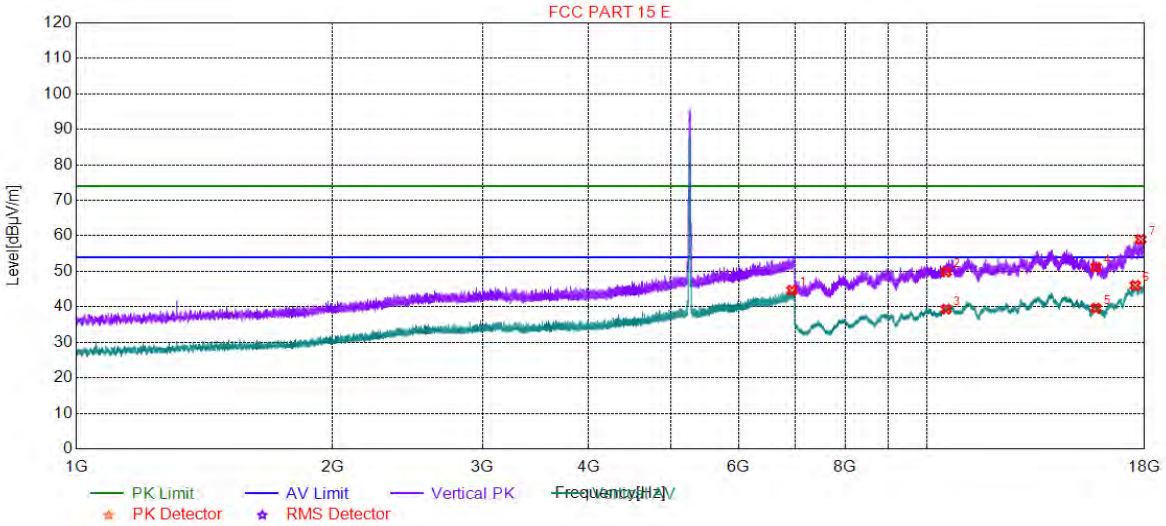
4.8.2.192 11AC20_52 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6933.69	44.66	12.52	54.00	9.34	150	276	Vertical
2	10520.0	49.86	-4.37	74.00	24.14	150	104	Vertical
3	10520.0	39.38	-4.37	54.00	14.62	150	133	Vertical
4	15780.0	51.14	-2.36	74.00	22.86	150	161	Vertical
5	15780.0	39.61	-2.36	54.00	14.39	150	218	Vertical
6	17550.6	46.03	1.00	54.00	7.97	150	246	Vertical
7	17811.3	58.98	-0.81	74.00	15.02	150	218	Vertical

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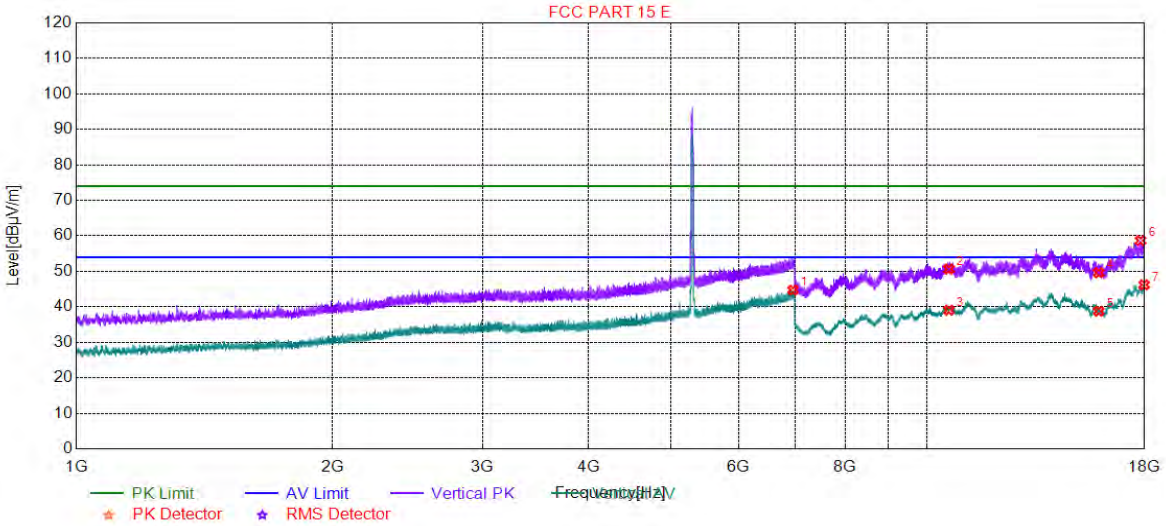
4.8.2.193 11AC20_60_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.69	44.72	12.59	54.00	9.28	150	18	Vertical
2	10600.0	50.63	-4.75	74.00	23.37	150	245	Vertical
3	10600.0	39.06	-4.75	54.00	14.94	150	302	Vertical
4	15900.0	49.59	-3.75	74.00	24.41	150	160	Vertical
5	15900.0	38.77	-3.75	54.00	15.23	150	131	Vertical
6	17805.2	58.67	-0.79	74.00	15.33	150	216	Vertical
7	17973.5	46.22	-0.55	54.00	7.78	150	74	Vertical

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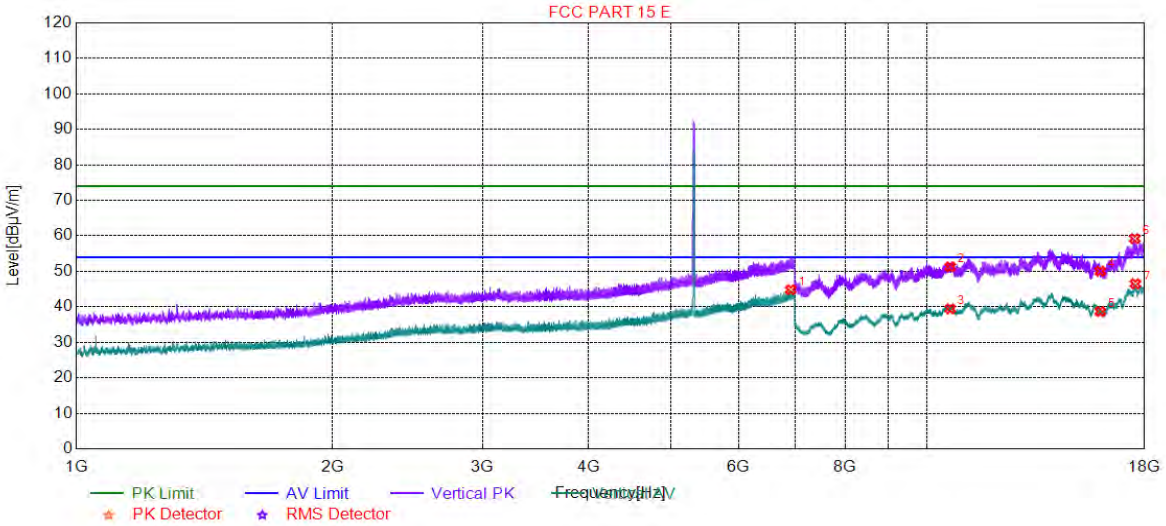
4.8.2.194 11AC20_64_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.39	44.82	12.43	54.00	9.18	150	18	Vertical
2	10640.0	51.27	-4.69	74.00	22.73	150	333	Vertical
3	10640.0	39.45	-4.69	54.00	14.55	150	104	Vertical
4	15960.0	50.05	-3.70	74.00	23.95	150	132	Vertical
5	15960.0	38.68	-3.70	54.00	15.32	150	333	Vertical
6	17525.8	59.23	0.68	74.00	14.77	150	304	Vertical
7	17555.0	46.51	1.05	54.00	7.49	150	161	Vertical

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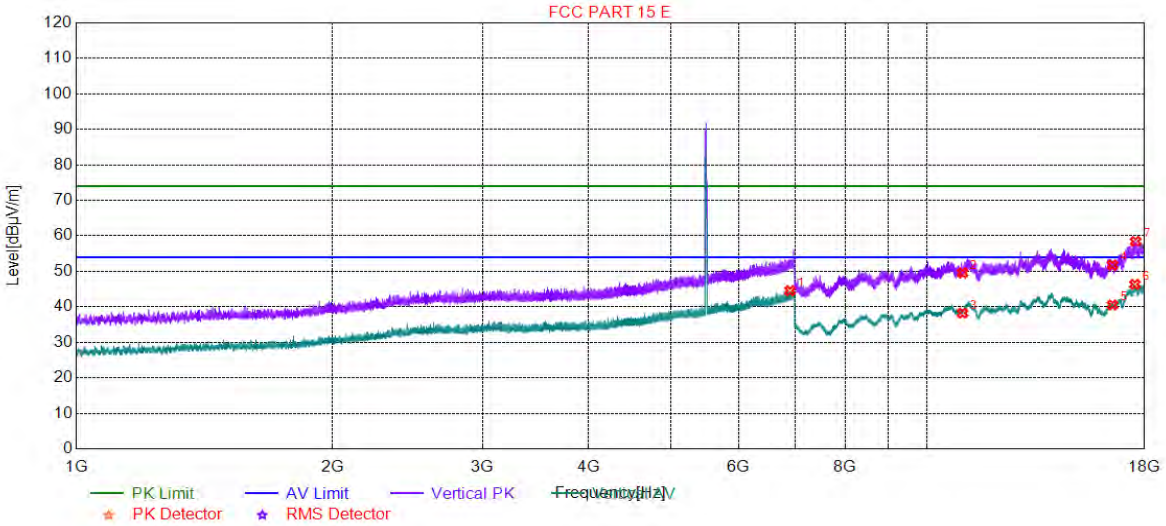
4.8.2.195 11AC20_100 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6895.59	44.54	12.38	54.00	9.46	150	304	Vertical
2	11000.0	49.54	-4.28	74.00	24.46	150	335	Vertical
3	11000.0	38.23	-4.28	54.00	15.77	150	160	Vertical
4	16500.0	51.76	-3.62	74.00	22.24	150	189	Vertical
5	16500.0	40.53	-3.62	54.00	13.47	150	18	Vertical
6	17531.9	46.33	0.76	54.00	7.67	150	47	Vertical
7	17564.3	58.43	1.17	74.00	15.57	150	132	Vertical

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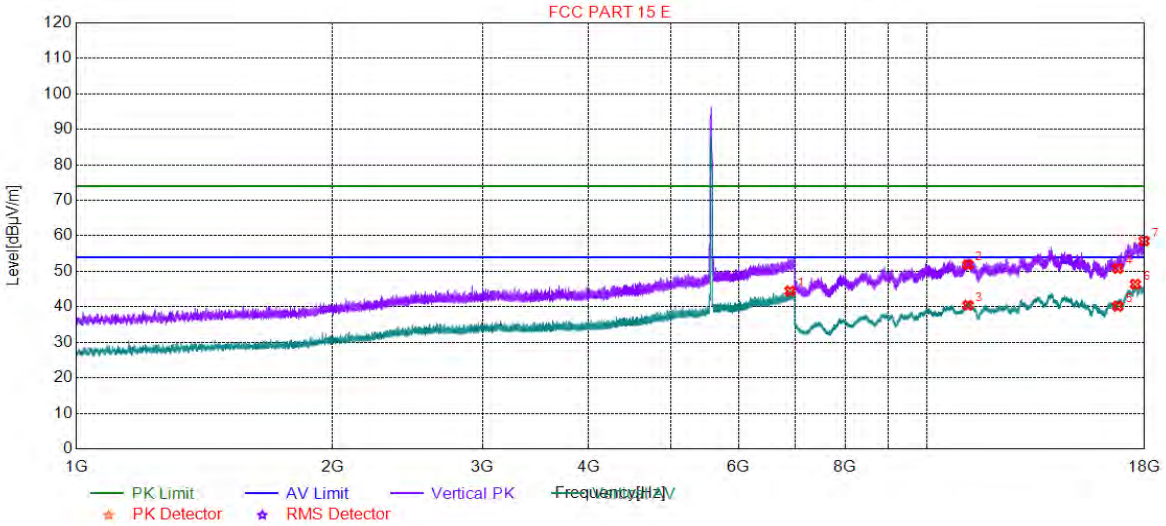
4.8.2.196 11AC20_116 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.39	44.46	12.39	54.00	9.54	150	75	Vertical
2	11160.0	51.93	-3.43	74.00	22.07	150	189	Vertical
3	11160.0	40.44	-3.43	54.00	13.56	150	274	Vertical
4	16740.0	50.84	-3.33	74.00	23.16	150	274	Vertical
5	16740.0	40.18	-3.33	54.00	13.82	150	47	Vertical
6	17554.4	46.38	1.05	54.00	7.62	150	358	Vertical
7	17970.8	58.55	-0.57	74.00	15.45	150	303	Vertical

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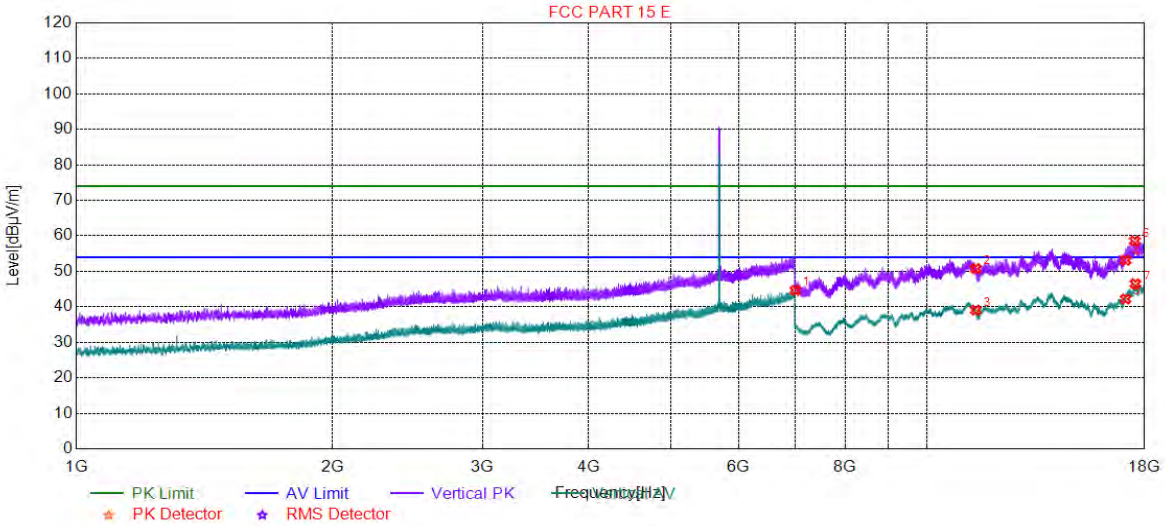
4.8.2.197 11AC20_140 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6996.99	44.64	12.76	54.00	9.36	150	246	Vertical
2	11400.0	50.78	-4.42	74.00	23.22	150	188	Vertical
3	11400.0	39.07	-4.42	54.00	14.93	150	103	Vertical
4	17100.0	53.13	-3.09	74.00	20.87	150	132	Vertical
5	17100.0	42.21	-3.09	54.00	11.79	150	302	Vertical
6	17530.2	58.59	0.74	74.00	15.41	150	47	Vertical
7	17555.0	46.51	1.05	54.00	7.49	150	18	Vertical

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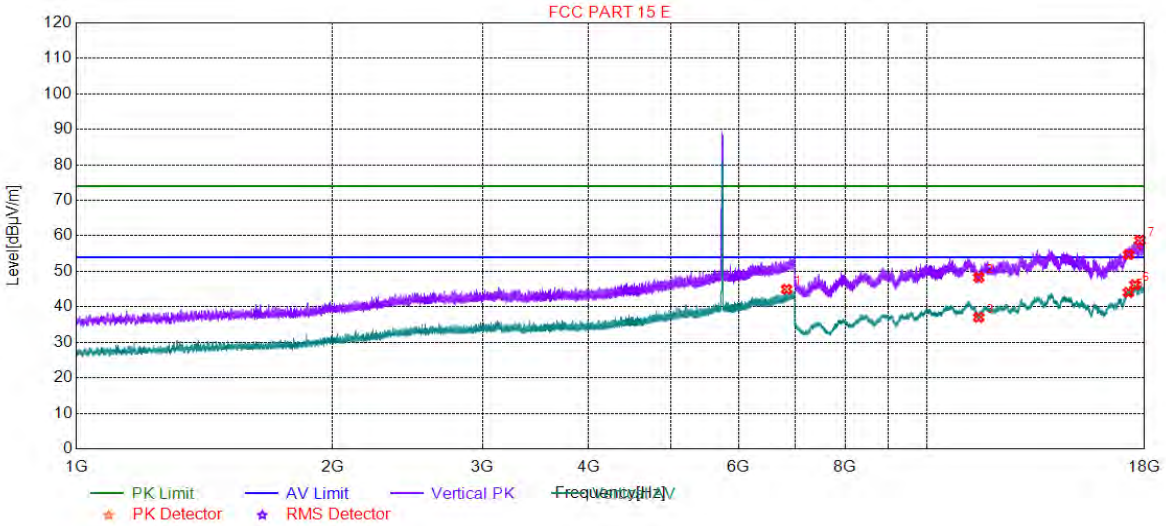
4.8.2.198 11AC20_149 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6833.19	44.96	12.15	54.00	9.04	150	218	Vertical
2	11490.0	48.30	-5.65	74.00	25.70	150	75	Vertical
3	11490.0	37.04	-5.65	54.00	16.96	150	218	Vertical
4	17235.0	54.70	-1.47	74.00	19.30	150	47	Vertical
5	17235.0	44.07	-1.47	54.00	9.93	150	274	Vertical
6	17535.7	46.20	0.81	54.00	7.80	150	75	Vertical
7	17776.1	58.73	-0.82	74.00	15.27	150	47	Vertical

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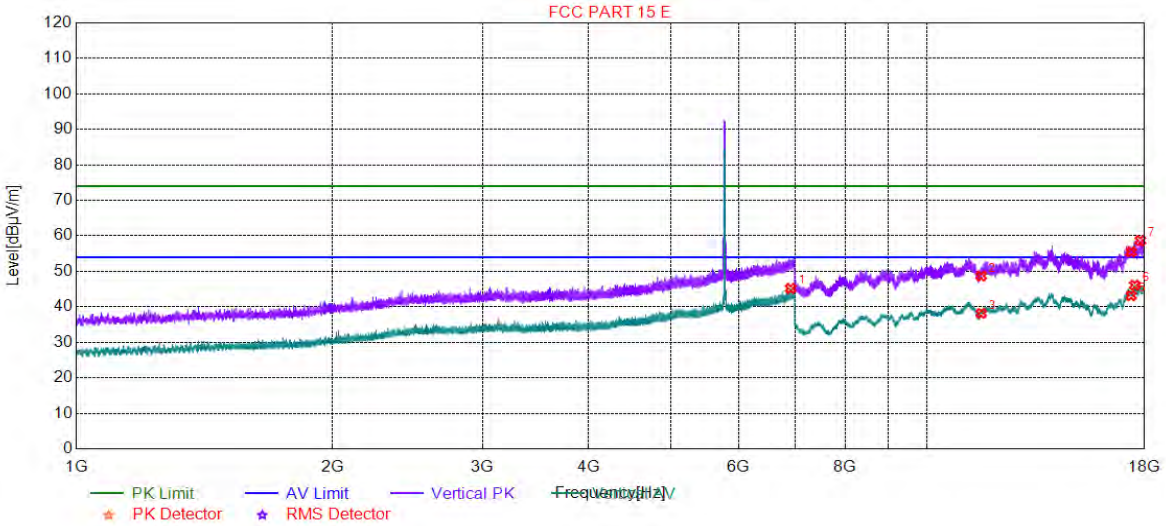
4.8.2.199 11AC20_157 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6906.39	45.19	12.42	54.00	8.81	150	104	Vertical
2	11570.0	48.69	-3.87	74.00	25.31	150	159	Vertical
3	11570.0	38.15	-3.87	54.00	15.85	150	18	Vertical
4	17355.0	55.49	-1.07	74.00	18.51	150	18	Vertical
5	17355.0	43.15	-1.07	54.00	10.85	150	131	Vertical
6	17523.1	46.12	0.65	54.00	7.88	150	103	Vertical
7	17795.3	58.69	-0.78	74.00	15.31	150	216	Vertical

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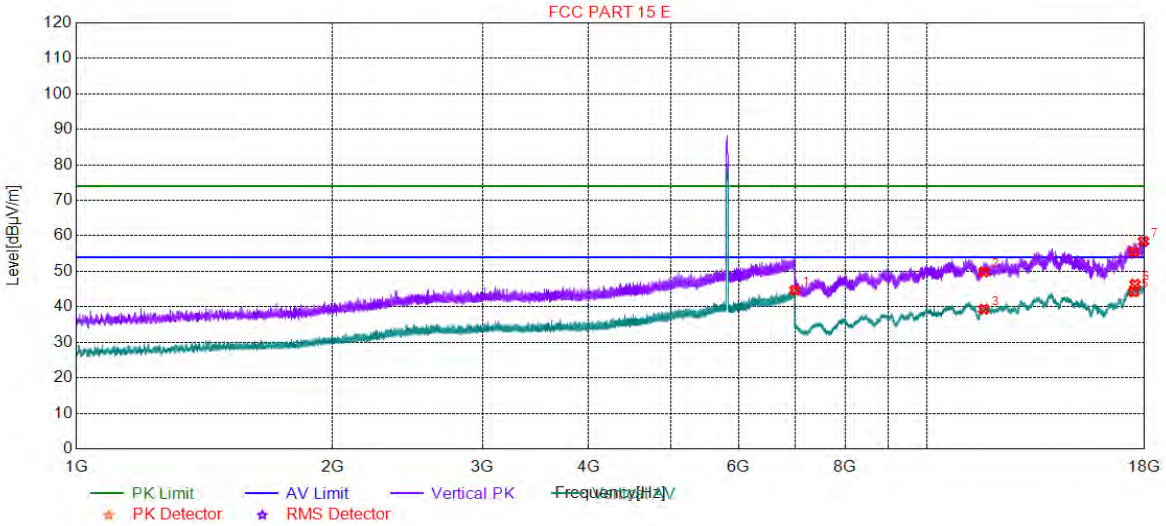
4.8.2.200 11AC20_165_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.79	44.67	12.72	54.00	9.33	150	302	Vertical
2	11650.0	49.84	-3.16	74.00	24.16	150	330	Vertical
3	11650.0	39.35	-3.16	54.00	14.65	150	74	Vertical
4	17475.0	55.44	0.02	74.00	18.56	150	103	Vertical
5	17475.0	44.22	0.02	54.00	9.78	150	103	Vertical
6	17536.8	46.39	0.82	54.00	7.61	150	188	Vertical
7	17948.8	58.45	-0.74	74.00	15.55	150	217	Vertical

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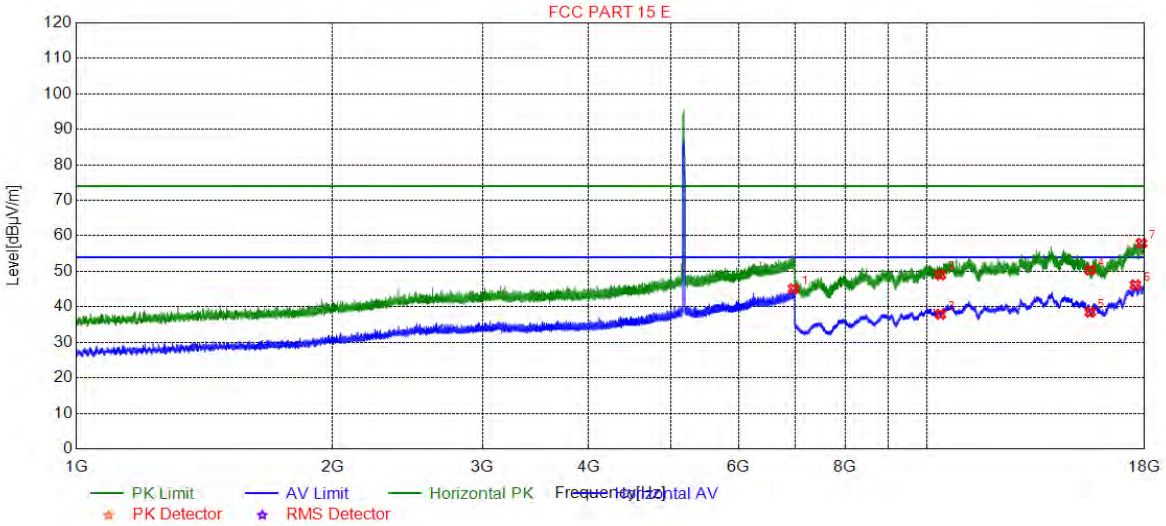
4.8.2.201 11AC20_36_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.99	45.08	12.64	54.00	8.92	150	228	Horizontal
2	10360.0	49.01	-5.35	74.00	24.99	150	285	Horizontal
3	10360.0	37.94	-5.35	54.00	16.06	150	342	Horizontal
4	15540.0	50.37	-3.26	74.00	23.63	150	285	Horizontal
5	15540.0	38.52	-3.26	54.00	15.48	150	28	Horizontal
6	17555.0	46.17	1.05	54.00	7.83	150	257	Horizontal
7	17848.7	57.89	-0.94	74.00	16.11	150	228	Horizontal

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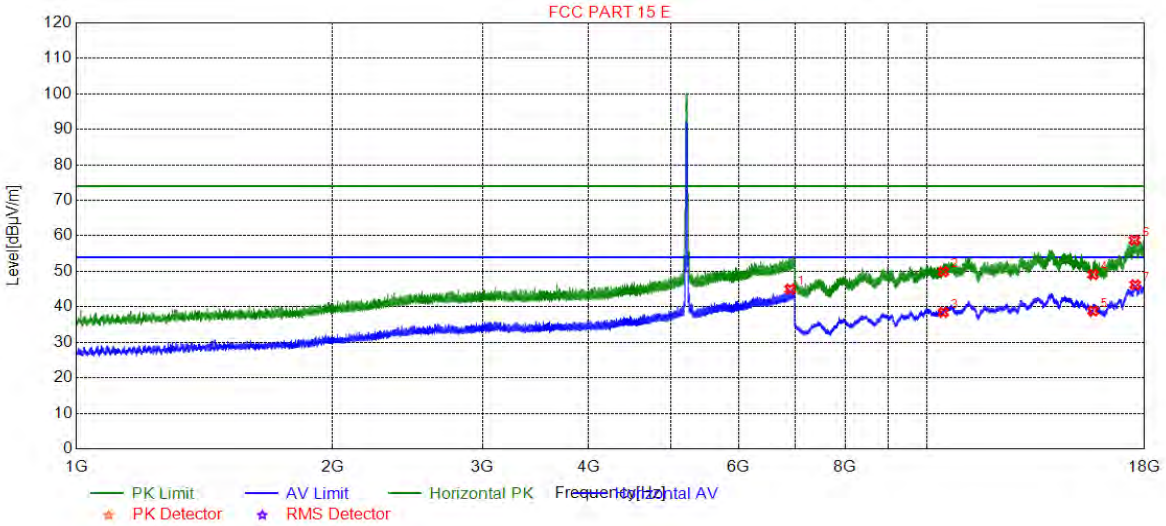
4.8.2.202 11AC20_44_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6900.09	45.01	12.40	54.00	8.99	150	255	Horizontal
2	10440.0	49.91	-4.92	74.00	24.09	150	313	Horizontal
3	10440.0	38.47	-4.92	54.00	15.53	150	114	Horizontal
4	15660.0	49.10	-3.54	74.00	24.90	150	3	Horizontal
5	15660.0	38.84	-3.54	54.00	15.16	150	3	Horizontal
6	17514.3	58.81	0.53	74.00	15.19	150	171	Horizontal
7	17549.5	46.21	0.98	54.00	7.79	150	313	Horizontal

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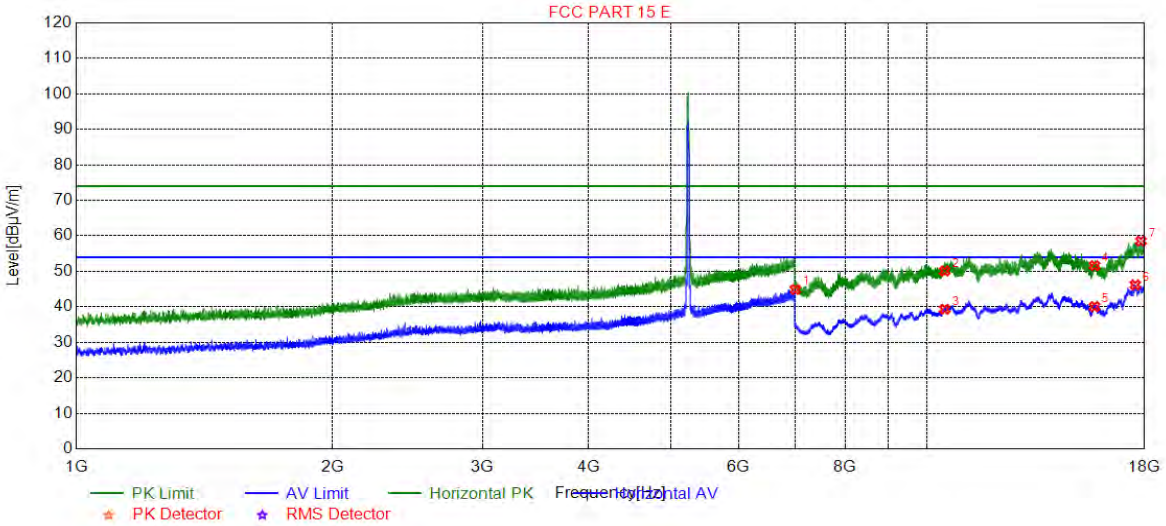
4.8.2.203 11AC20_48_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6997.89	44.89	12.76	54.00	9.11	150	141	Horizontal
2	10480.0	50.09	-4.49	74.00	23.91	150	313	Horizontal
3	10480.0	39.33	-4.49	54.00	14.67	150	199	Horizontal
4	15720.0	51.59	-2.65	74.00	22.41	150	142	Horizontal
5	15720.0	40.06	-2.65	54.00	13.94	150	342	Horizontal
6	17550.6	46.19	1.00	54.00	7.81	150	85	Horizontal
7	17820.1	58.52	-0.84	74.00	15.48	150	313	Horizontal

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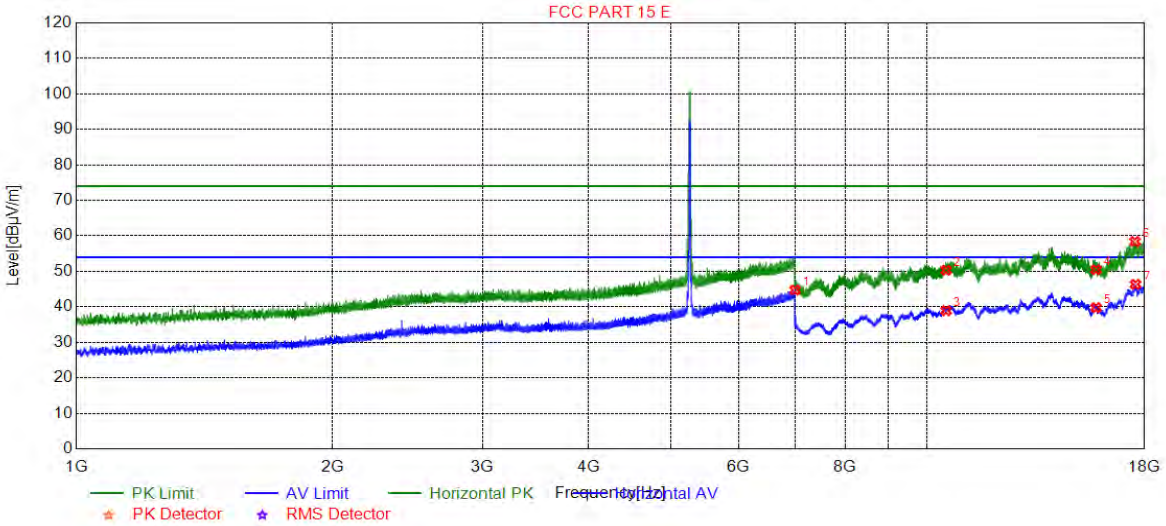
4.8.2.204 11AC20_52_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.09	44.73	12.73	54.00	9.27	150	255	Horizontal
2	10520.0	50.31	-4.37	74.00	23.69	150	342	Horizontal
3	10520.0	38.93	-4.37	54.00	15.07	150	285	Horizontal
4	15780.0	50.48	-2.36	74.00	23.52	150	116	Horizontal
5	15780.0	39.77	-2.36	54.00	14.23	150	314	Horizontal
6	17531.3	58.41	0.75	74.00	15.59	150	200	Horizontal
7	17559.9	46.35	1.12	54.00	7.65	150	172	Horizontal

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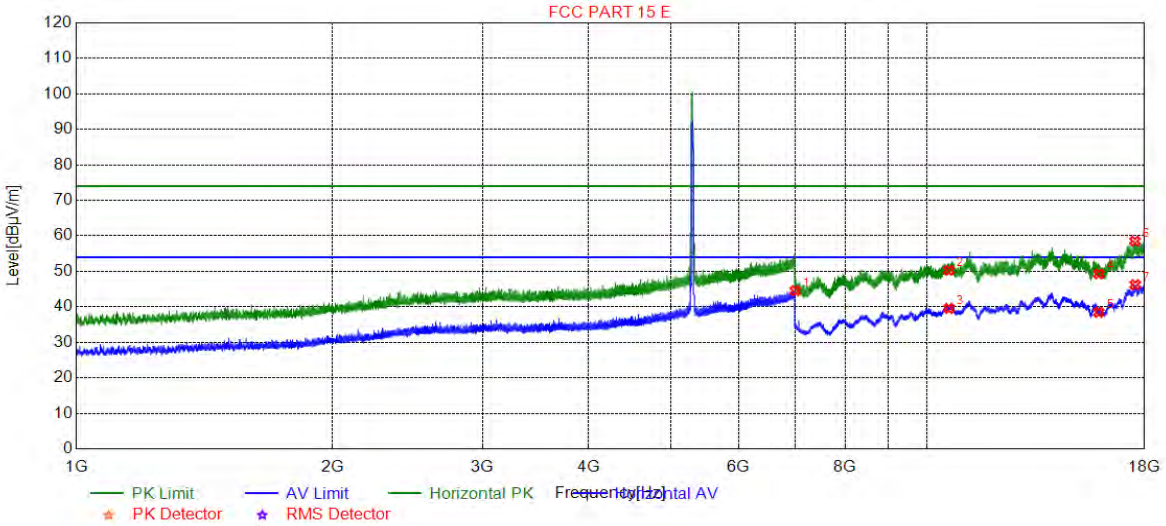
4.8.2.205 11AC20_60_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6995.79	44.54	12.75	54.00	9.46	150	56	Horizontal
2	10600.0	50.30	-4.75	74.00	23.70	150	171	Horizontal
3	10600.0	39.56	-4.75	54.00	14.44	150	228	Horizontal
4	15900.0	49.30	-3.75	74.00	24.70	150	142	Horizontal
5	15900.0	38.48	-3.75	54.00	15.52	150	313	Horizontal
6	17535.2	58.50	0.80	74.00	15.50	150	199	Horizontal
7	17544.5	46.24	0.92	54.00	7.76	150	142	Horizontal

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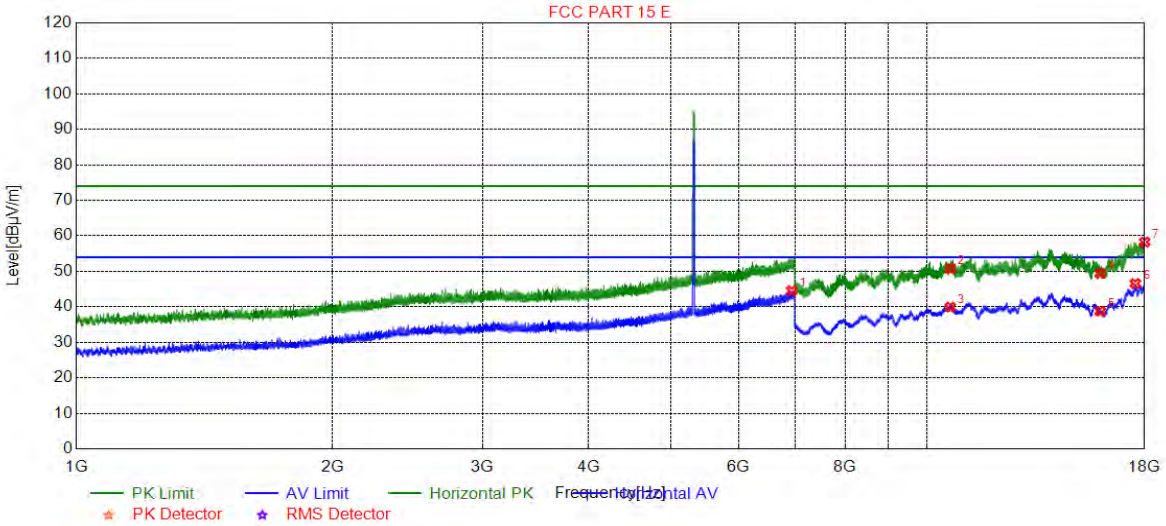
4.8.2.206 11AC20_64_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.59	44.55	12.51	54.00	9.45	150	25	Horizontal
2	10640.0	50.73	-4.69	74.00	23.27	150	172	Horizontal
3	10640.0	39.93	-4.69	54.00	14.07	150	138	Horizontal
4	15960.0	49.45	-3.70	74.00	24.55	150	257	Horizontal
5	15960.0	38.73	-3.70	54.00	15.27	150	200	Horizontal
6	17554.4	46.57	1.05	54.00	7.43	150	257	Horizontal
7	17999.4	58.26	-0.35	74.00	15.74	150	20	Horizontal

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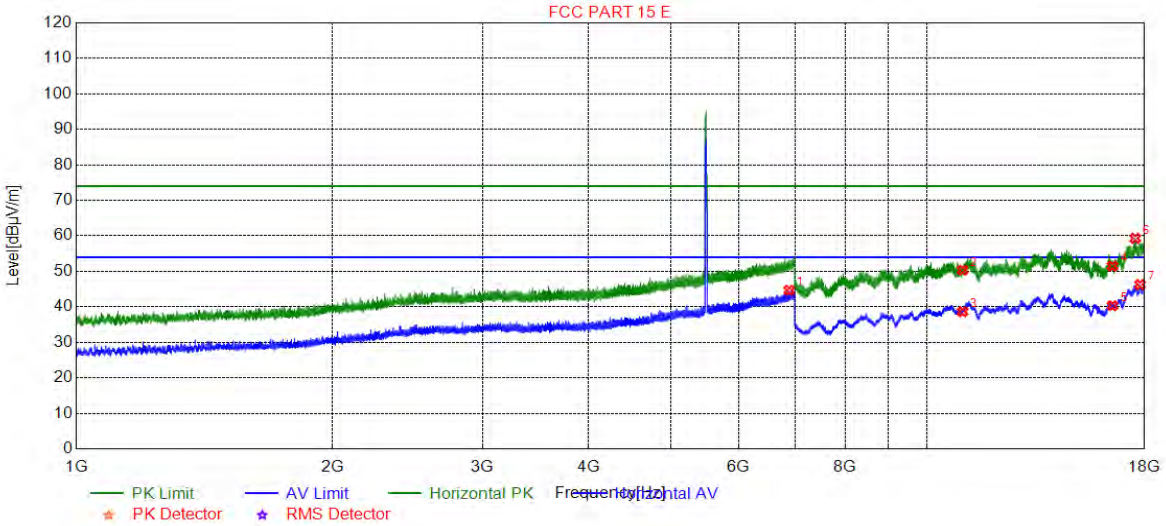
4.8.2.207 11AC20_100_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6881.49	44.67	12.33	54.00	9.33	150	246	Horizontal
2	11000.0	50.36	-4.28	74.00	23.64	150	255	Horizontal
3	11000.0	38.63	-4.28	54.00	15.37	150	314	Horizontal
4	16500.0	51.48	-3.62	74.00	22.52	150	255	Horizontal
5	16500.0	40.33	-3.62	54.00	13.67	150	85	Horizontal
6	17550.0	59.32	0.99	74.00	14.68	150	198	Horizontal
7	17778.8	46.27	-0.81	54.00	7.73	150	113	Horizontal

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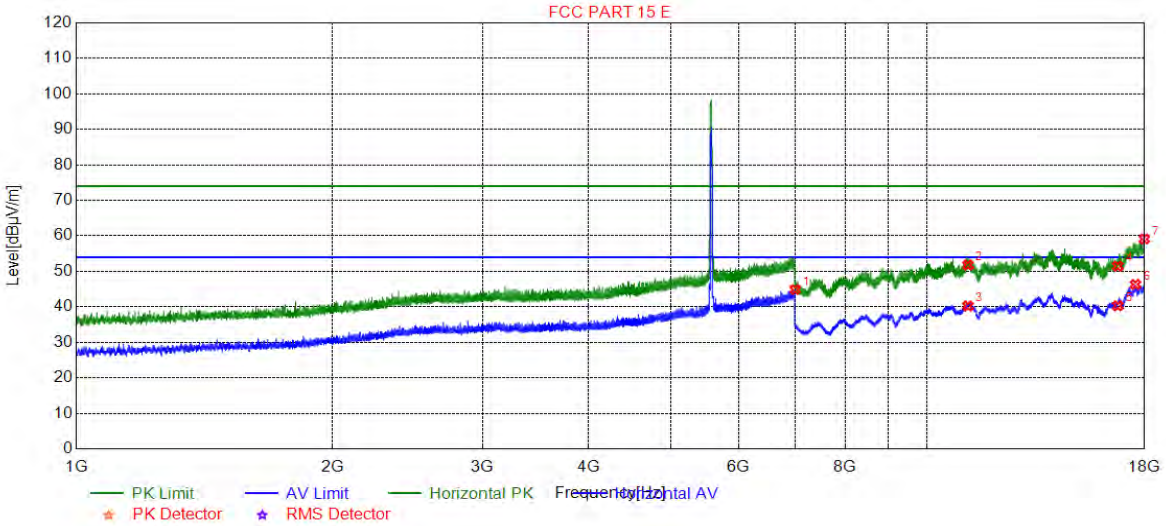
4.8.2.208 11AC20_116_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.79	44.88	12.74	54.00	9.12	150	169	Horizontal
2	11160.0	51.79	-3.43	74.00	22.21	150	23	Horizontal
3	11160.0	40.23	-3.43	54.00	13.77	150	52	Horizontal
4	16740.0	51.49	-3.33	74.00	22.51	150	169	Horizontal
5	16740.0	40.29	-3.33	54.00	13.71	150	256	Horizontal
6	17557.7	46.31	1.09	54.00	7.69	150	23	Horizontal
7	17985.6	59.14	-0.46	74.00	14.86	150	82	Horizontal

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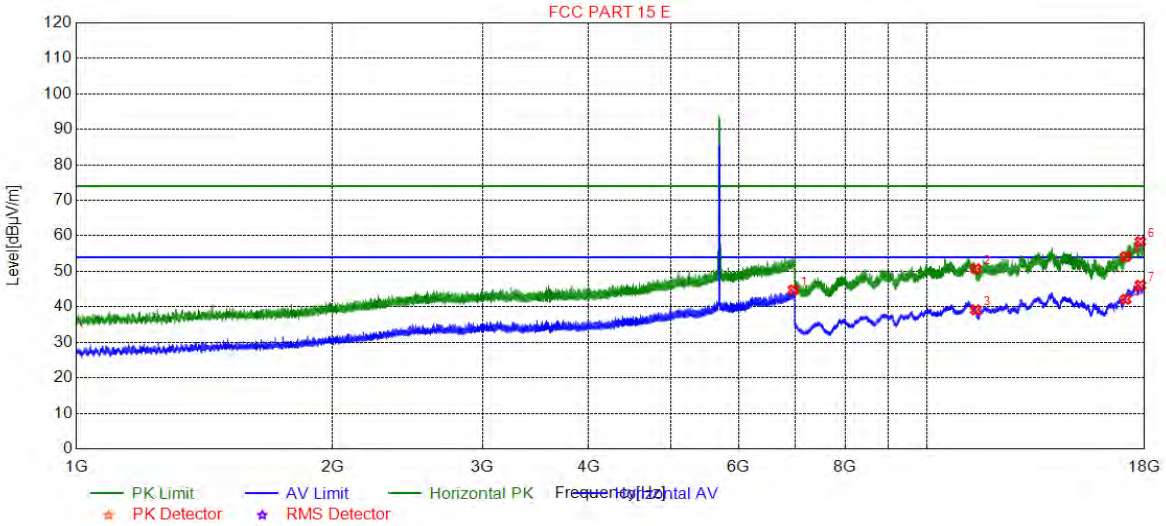
4.8.2.209 11AC20_140 _MIMO_ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6961.59	44.79	12.63	54.00	9.21	150	342	Horizontal
2	11400.0	50.72	-4.42	74.00	23.28	150	55	Horizontal
3	11400.0	39.15	-4.42	54.00	14.85	150	226	Horizontal
4	17100.0	54.14	-3.09	74.00	19.86	150	2	Horizontal
5	17100.0	42.12	-3.09	54.00	11.88	150	226	Horizontal
6	17790.4	58.37	-0.79	74.00	15.63	150	55	Horizontal
7	17794.8	46.08	-0.78	54.00	7.92	150	83	Horizontal

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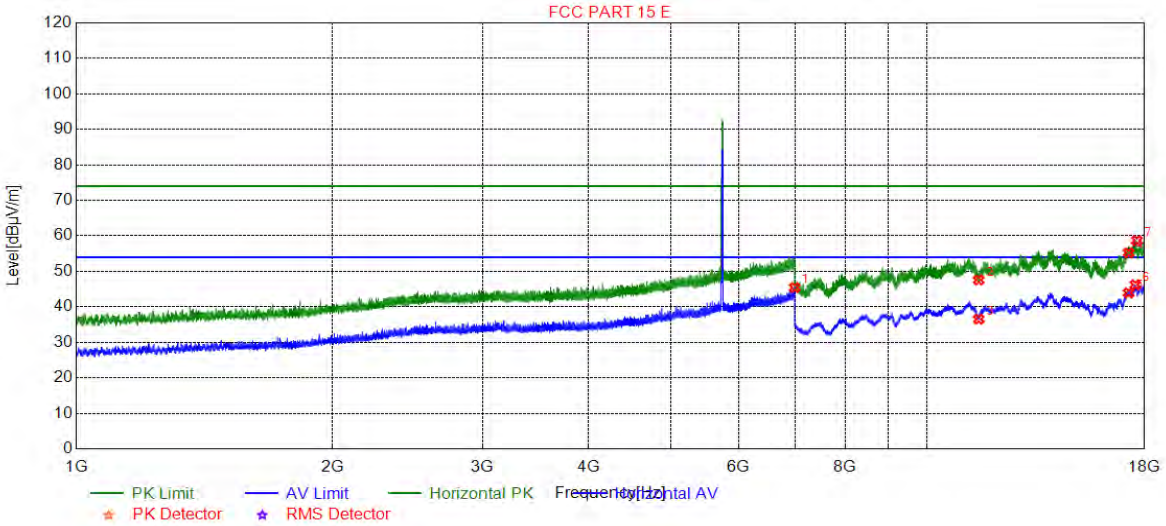
4.8.2.210 11AC20_149_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.89	45.45	12.71	54.00	8.55	150	170	Horizontal
2	11490.0	47.58	-5.65	74.00	26.42	150	198	Horizontal
3	11490.0	36.52	-5.65	54.00	17.48	150	54	Horizontal
4	17235.0	55.22	-1.47	74.00	18.78	150	254	Horizontal
5	17235.0	43.93	-1.47	54.00	10.07	150	226	Horizontal
6	17550.6	46.22	1.00	54.00	7.78	150	2	Horizontal
7	17629.2	58.71	0.87	74.00	15.29	150	226	Horizontal

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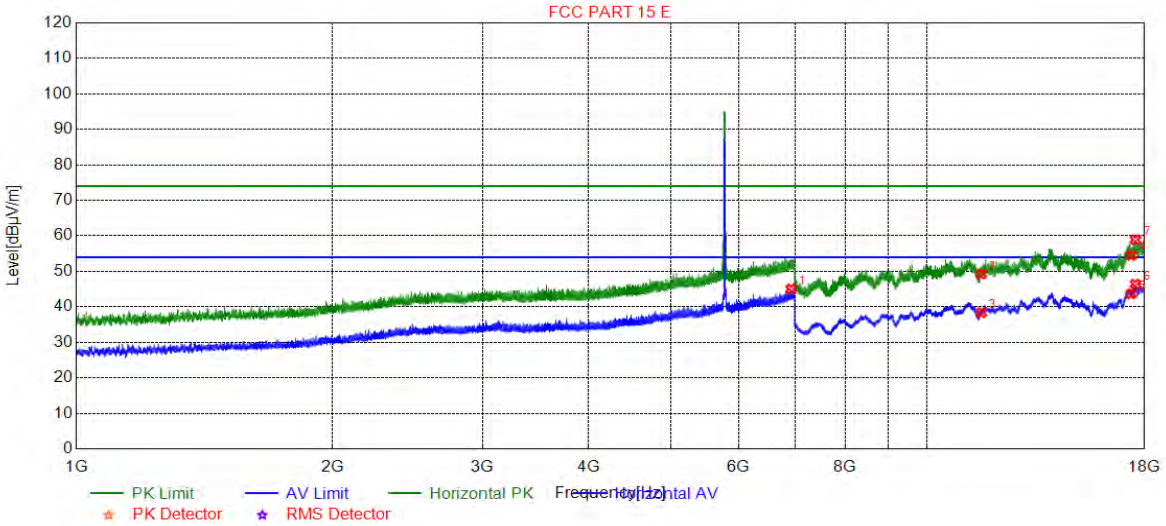
4.8.2.211 11AC20_157_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6915.69	45.04	12.46	54.00	8.96	150	3	Horizontal
2	11570.0	49.26	-3.87	74.00	24.74	150	255	Horizontal
3	11570.0	38.38	-3.87	54.00	15.62	150	27	Horizontal
4	17355.0	54.52	-1.07	74.00	19.48	150	83	Horizontal
5	17355.0	43.68	-1.07	54.00	10.32	150	169	Horizontal
6	17555.5	46.41	1.06	54.00	7.59	150	255	Horizontal
7	17558.3	58.91	1.10	74.00	15.09	150	27	Horizontal

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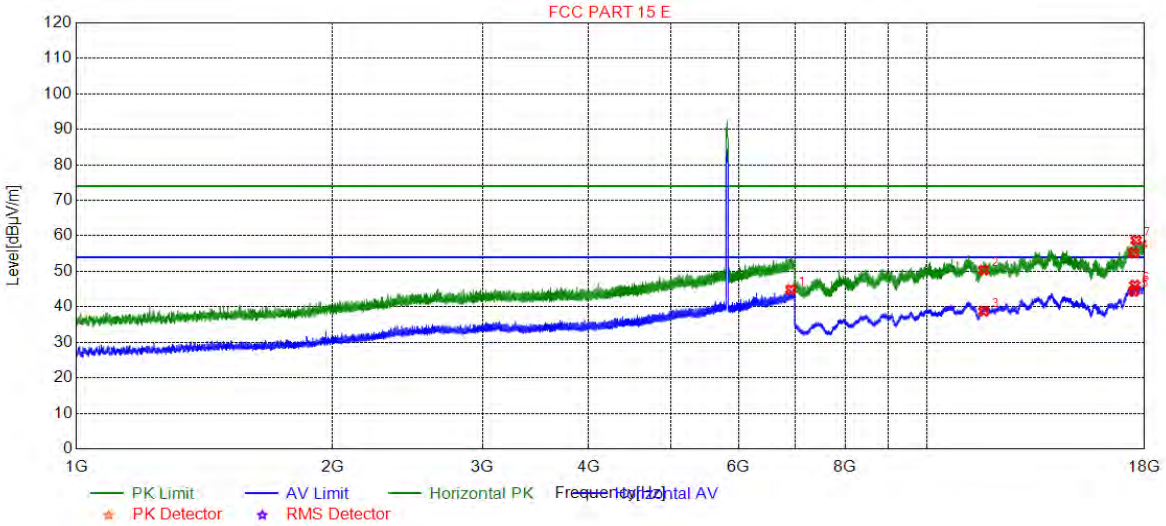
4.8.2.212 11AC20_165_MIMO_ ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.09	44.88	12.44	54.00	9.12	150	142	Horizontal
2	11650.0	50.37	-3.16	74.00	23.63	150	226	Horizontal
3	11650.0	38.77	-3.16	54.00	15.23	150	55	Horizontal
4	17475.0	55.21	0.02	74.00	18.79	150	284	Horizontal
5	17475.0	44.43	0.02	54.00	9.57	150	284	Horizontal
6	17529.1	46.13	0.72	54.00	7.87	150	112	Horizontal
7	17594.0	58.81	1.55	74.00	15.19	150	168	Horizontal

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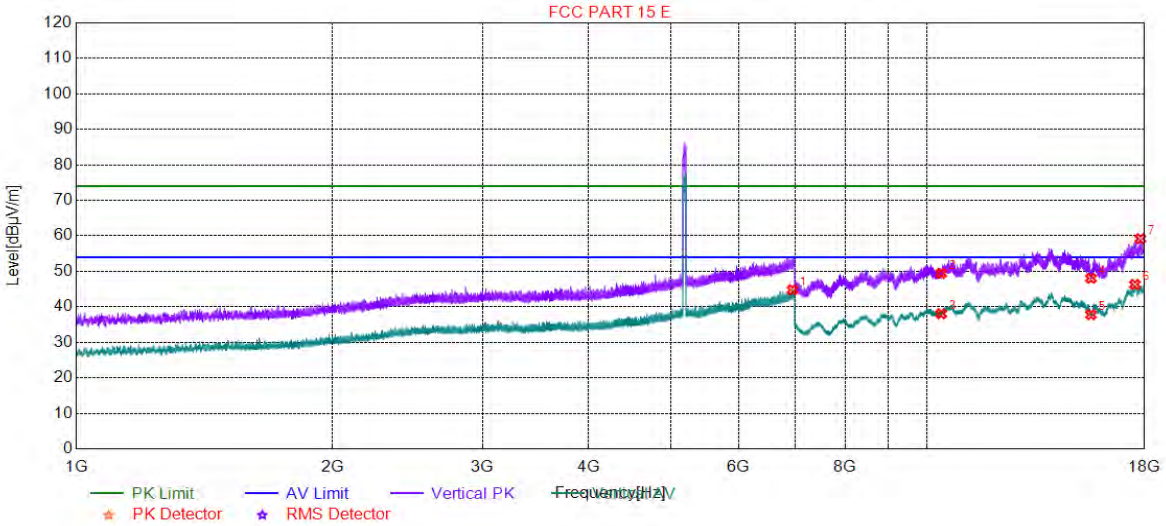
4.8.2.213 11AC40_38_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.09	44.81	12.56	54.00	9.19	150	246	Vertical
2	10380.0	49.45	-5.36	74.00	24.55	150	274	Vertical
3	10380.0	38.07	-5.36	54.00	15.93	150	47	Vertical
4	15570.0	48.04	-4.02	74.00	25.96	150	245	Vertical
5	15570.0	37.81	-4.02	54.00	16.19	150	188	Vertical
6	17536.8	46.30	0.82	54.00	7.70	150	103	Vertical
7	17799.2	59.21	-0.77	74.00	14.79	150	245	Vertical

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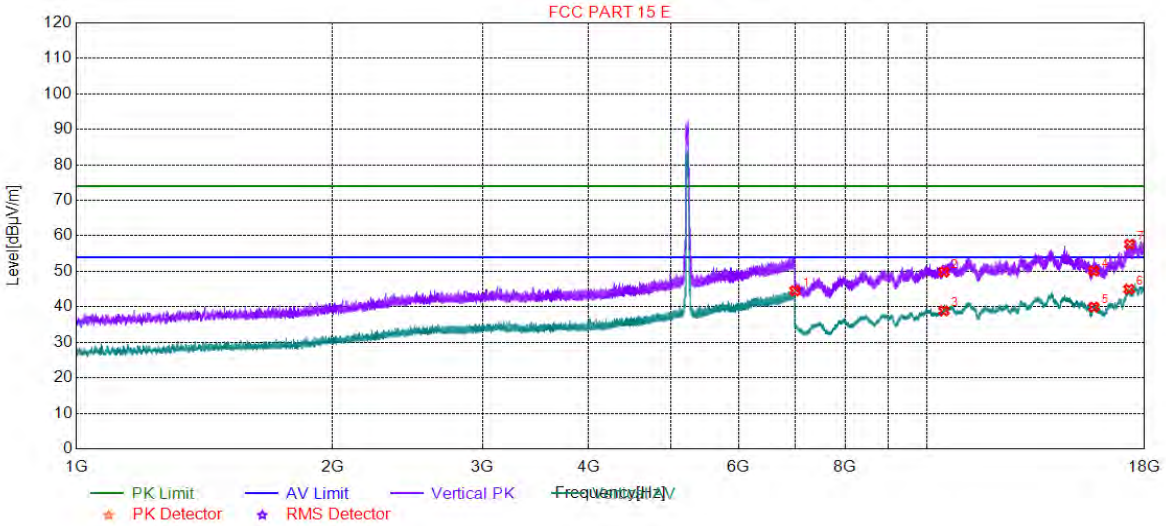
4.8.2.214 11AC40_46 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6987.69	44.54	12.72	54.00	9.46	150	75	Vertical
2	10460.0	49.82	-4.70	74.00	24.18	150	248	Vertical
3	10460.0	38.88	-4.70	54.00	15.12	150	18	Vertical
4	15690.0	50.10	-2.93	74.00	23.90	150	47	Vertical
5	15690.0	39.94	-2.93	54.00	14.06	150	333	Vertical
6	17254.1	44.98	-1.39	54.00	9.02	150	190	Vertical
7	17290.4	57.63	-1.21	74.00	16.37	150	105	Vertical

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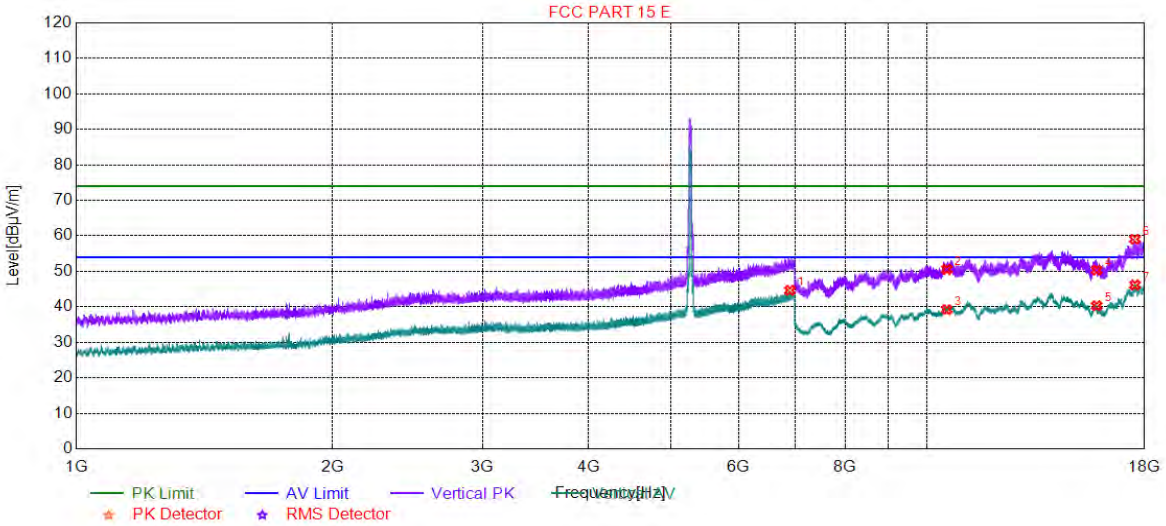
4.8.2.215 11AC40_54_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6894.09	44.64	12.38	54.00	9.36	150	230	Vertical
2	10540.0	50.57	-4.46	74.00	23.43	150	360	Vertical
3	10540.0	39.23	-4.46	54.00	14.77	150	84	Vertical
4	15810.0	50.36	-2.42	74.00	23.64	150	310	Vertical
5	15810.0	40.31	-2.42	54.00	13.69	150	141	Vertical
6	17528.0	59.05	0.71	74.00	14.95	150	360	Vertical
7	17535.2	46.15	0.80	54.00	7.85	150	254	Vertical

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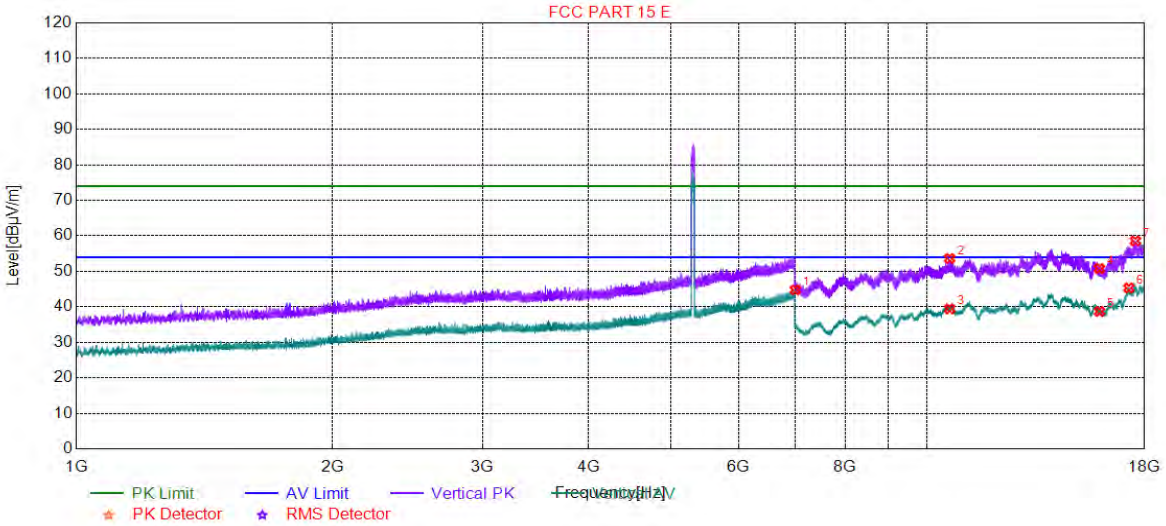
4.8.2.216 11AC40_62 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6996.69	44.78	12.76	54.00	9.22	150	276	Vertical
2	10620.0	53.62	-4.72	74.00	20.38	150	74	Vertical
3	10620.0	39.45	-4.72	54.00	14.55	150	160	Vertical
4	15930.0	50.80	-3.73	74.00	23.20	150	132	Vertical
5	15930.0	38.71	-3.73	54.00	15.29	150	74	Vertical
6	17249.2	45.32	-1.41	54.00	8.68	150	331	Vertical
7	17550.6	58.58	1.00	74.00	15.42	150	217	Vertical

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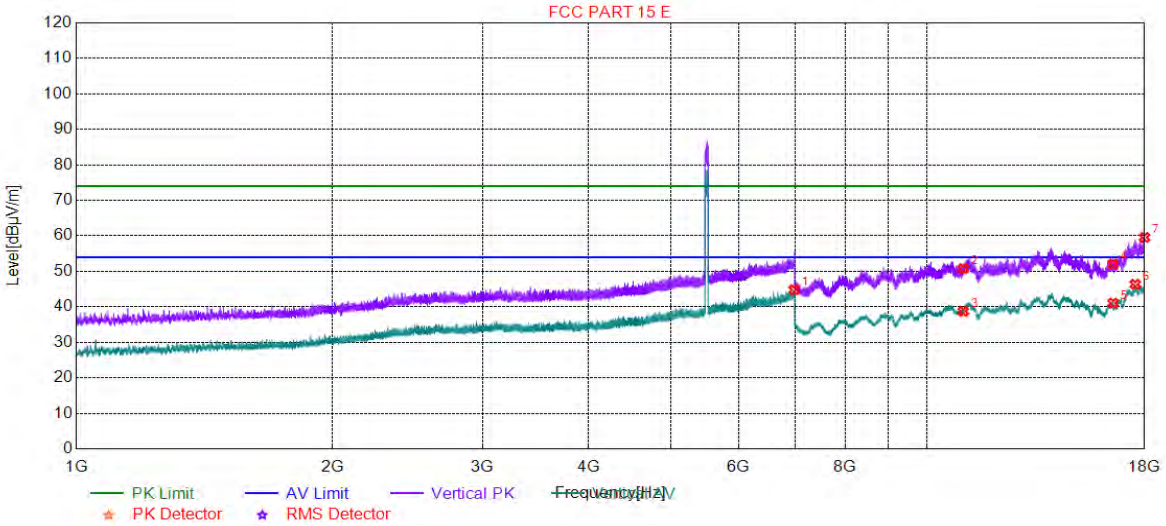
4.8.2.217 11AC40_102 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.59	44.83	12.67	54.00	9.17	150	161	Vertical
2	11020.0	50.76	-4.09	74.00	23.24	150	18	Vertical
3	11020.0	38.72	-4.09	54.00	15.28	150	46	Vertical
4	16530.0	52.08	-3.84	74.00	21.92	150	330	Vertical
5	16530.0	41.04	-3.84	54.00	12.96	150	274	Vertical
6	17550.0	46.35	0.99	54.00	7.65	150	330	Vertical
7	17996.6	59.54	-0.38	74.00	14.46	150	160	Vertical

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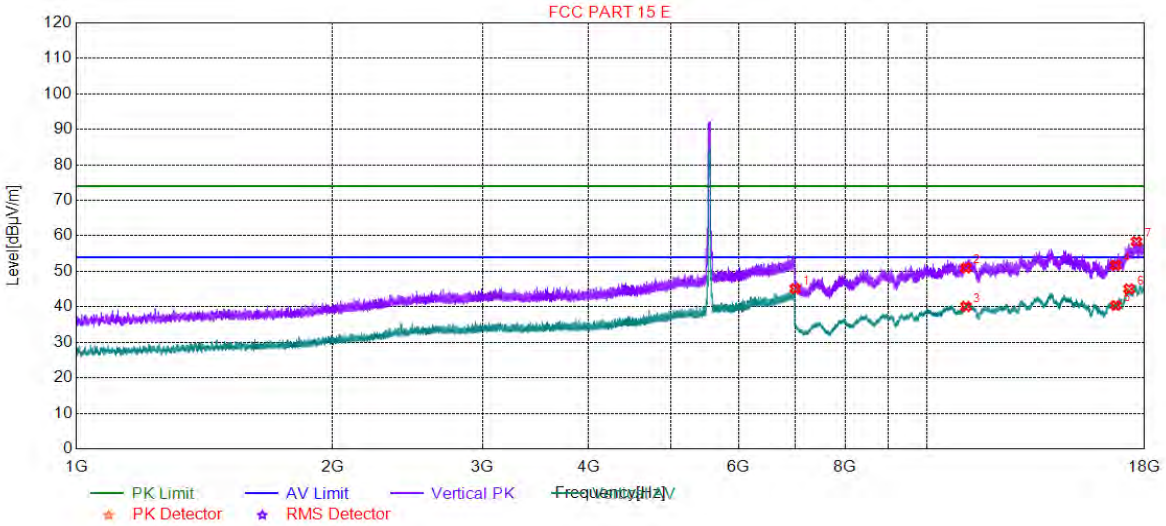
4.8.2.218 11AC40_110_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.49	45.12	12.74	54.00	8.88	150	46	Vertical
2	11100.0	50.99	-3.36	74.00	23.01	150	217	Vertical
3	11100.0	40.10	-3.36	54.00	13.90	150	302	Vertical
4	16650.0	51.70	-4.20	74.00	22.30	150	245	Vertical
5	16650.0	40.38	-4.20	54.00	13.62	150	18	Vertical
6	17258.0	45.05	-1.37	54.00	8.95	150	103	Vertical
7	17607.8	58.38	1.43	74.00	15.62	150	189	Vertical

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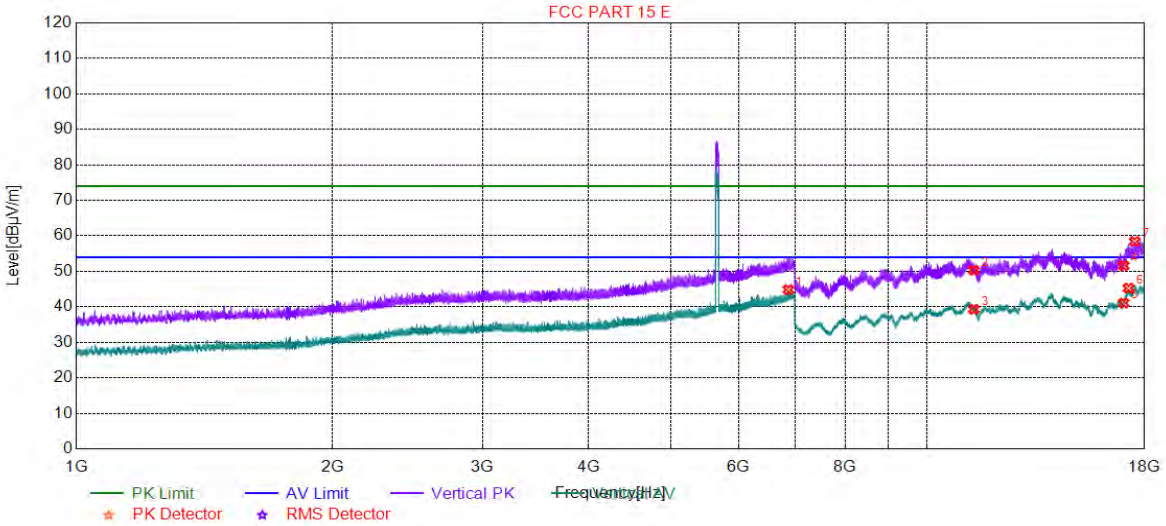
4.8.2.219 11AC40_134_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6864.39	44.84	12.26	54.00	9.16	150	251	Vertical
2	11340.0	50.30	-4.59	74.00	23.70	150	331	Vertical
3	11340.0	39.32	-4.59	54.00	14.68	150	46	Vertical
4	17010.0	51.59	-3.20	74.00	22.41	150	104	Vertical
5	17010.0	41.08	-3.20	54.00	12.92	150	217	Vertical
6	17236.0	45.27	-1.47	54.00	8.73	150	46	Vertical
7	17522.0	58.43	0.63	74.00	15.57	150	18	Vertical

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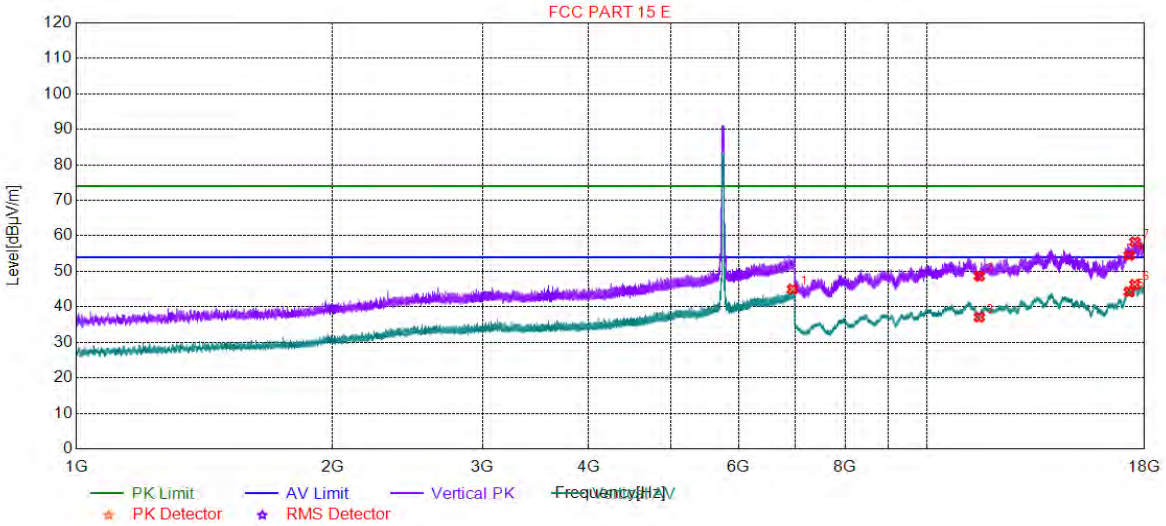
4.8.2.220 11AC40_151_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6944.49	44.99	12.56	54.00	9.01	150	304	Vertical
2	11510.0	48.66	-5.50	74.00	25.34	150	104	Vertical
3	11510.0	37.09	-5.50	54.00	16.91	150	46	Vertical
4	17265.0	54.50	-1.33	74.00	19.50	150	18	Vertical
5	17265.0	44.21	-1.33	54.00	9.79	150	46	Vertical
6	17530.2	46.29	0.74	54.00	7.71	150	274	Vertical
7	17535.7	58.30	0.81	74.00	15.70	150	217	Vertical

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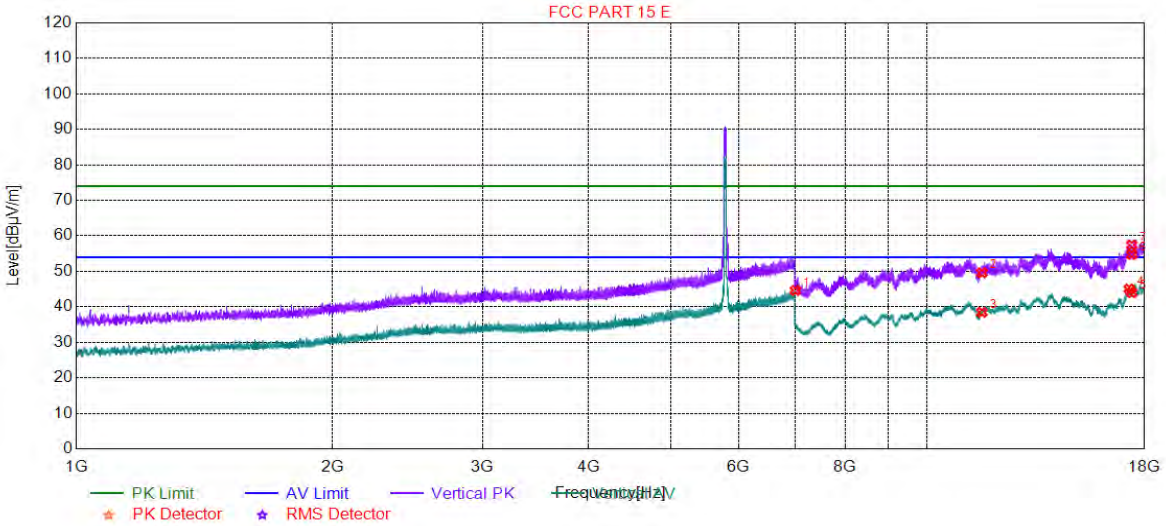
4.8.2.221 11AC40_159 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6996.99	44.60	12.76	54.00	9.40	150	190	Vertical
2	11590.0	49.58	-3.32	74.00	24.42	150	18	Vertical
3	11590.0	38.46	-3.32	54.00	15.54	150	280	Vertical
4	17261.8	45.04	-1.35	54.00	8.96	150	194	Vertical
5	17385.0	44.00	-1.02	54.00	10.00	150	194	Vertical
6	17385.0	54.77	-1.02	74.00	19.23	150	18	Vertical
7	17385.6	57.45	-1.02	74.00	16.55	150	134	Vertical

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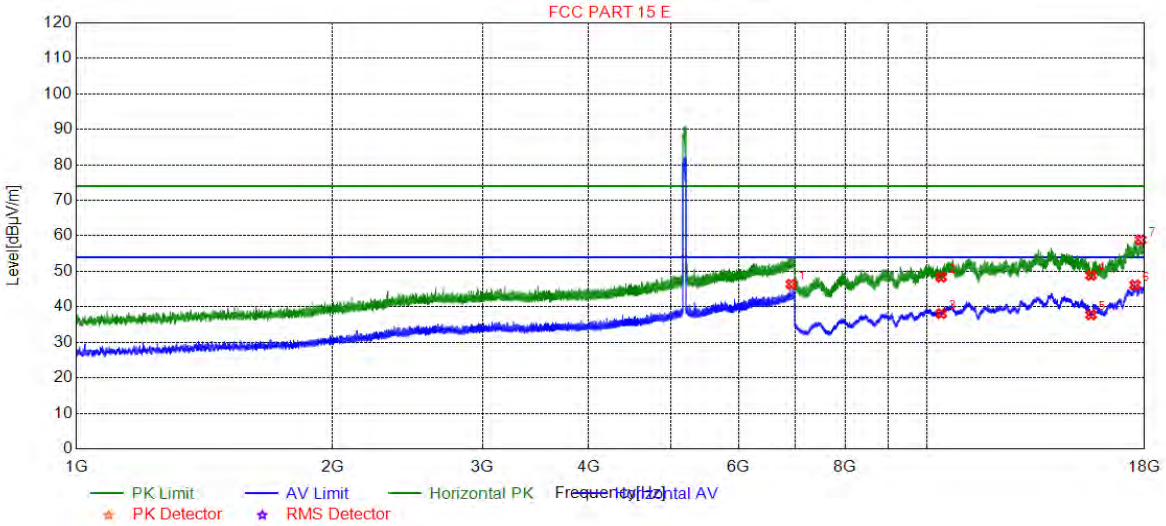
4.8.2.222 11AC40_38_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6920.19	46.37	12.47	54.00	7.63	150	85	Horizontal
2	10380.0	48.40	-5.36	74.00	25.60	150	112	Horizontal
3	10380.0	38.10	-5.36	54.00	15.90	150	314	Horizontal
4	15570.0	48.90	-4.02	74.00	25.10	150	257	Horizontal
5	15570.0	37.77	-4.02	54.00	16.23	150	83	Horizontal
6	17535.7	46.14	0.81	54.00	7.86	150	55	Horizontal
7	17810.2	58.85	-0.80	74.00	15.15	150	286	Horizontal

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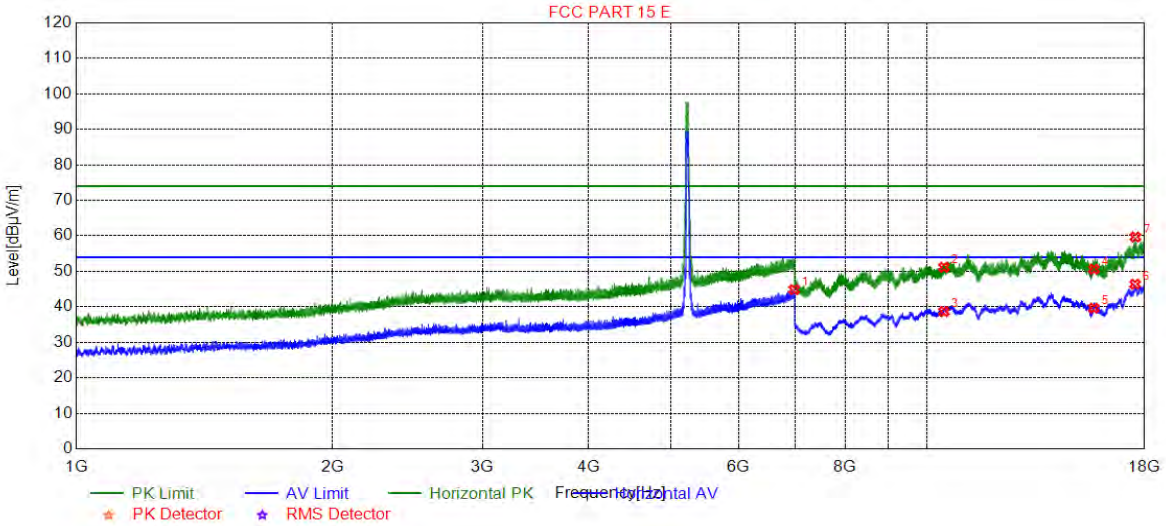
4.8.2.223 11AC40_46_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.59	44.87	12.67	54.00	9.13	150	169	Horizontal
2	10460.0	51.15	-4.70	74.00	22.85	150	256	Horizontal
3	10460.0	38.68	-4.70	54.00	15.32	150	228	Horizontal
4	15690.0	50.63	-2.93	74.00	23.37	150	342	Horizontal
5	15690.0	39.64	-2.93	54.00	14.36	150	284	Horizontal
6	17540.1	46.39	0.86	54.00	7.61	150	142	Horizontal
7	17557.7	59.68	1.09	74.00	14.32	150	256	Horizontal

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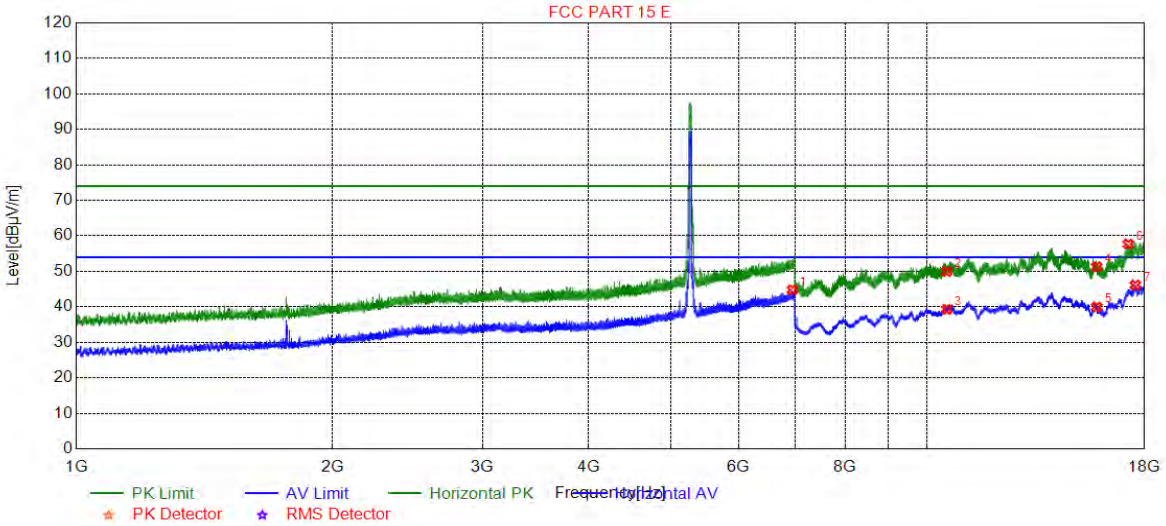
4.8.2.224 11AC40_54_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.89	44.81	12.55	54.00	9.19	150	141	Horizontal
2	10540.0	49.96	-4.46	74.00	24.04	150	285	Horizontal
3	10540.0	39.31	-4.46	54.00	14.69	150	314	Horizontal
4	15810.0	51.28	-2.42	74.00	22.72	150	50	Horizontal
5	15810.0	39.96	-2.42	54.00	14.04	150	0	Horizontal
6	17221.7	57.69	-1.54	74.00	16.31	150	140	Horizontal
7	17553.9	46.13	1.04	54.00	7.87	150	79	Horizontal

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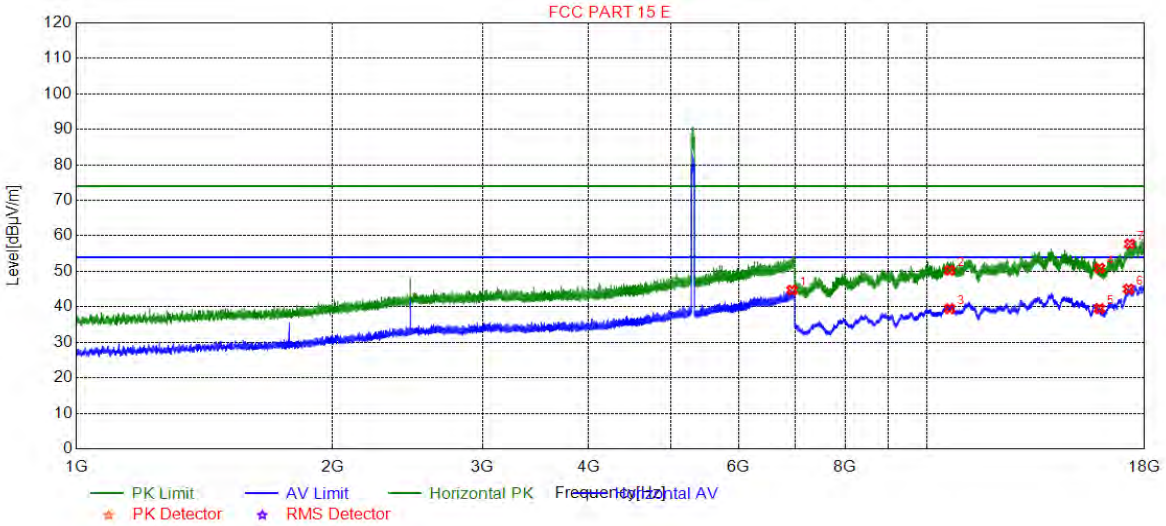
4.8.2.225 11AC40_62_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6934.59	44.72	12.53	54.00	9.28	150	84	Horizontal
2	10620.0	50.28	-4.72	74.00	23.72	150	196	Horizontal
3	10620.0	39.49	-4.72	54.00	14.51	150	342	Horizontal
4	15930.0	50.89	-3.73	74.00	23.11	150	342	Horizontal
5	15930.0	39.52	-3.73	54.00	14.48	150	314	Horizontal
6	17240.9	45.02	-1.45	54.00	8.98	150	256	Horizontal
7	17298.7	57.72	-1.18	74.00	16.28	150	82	Horizontal

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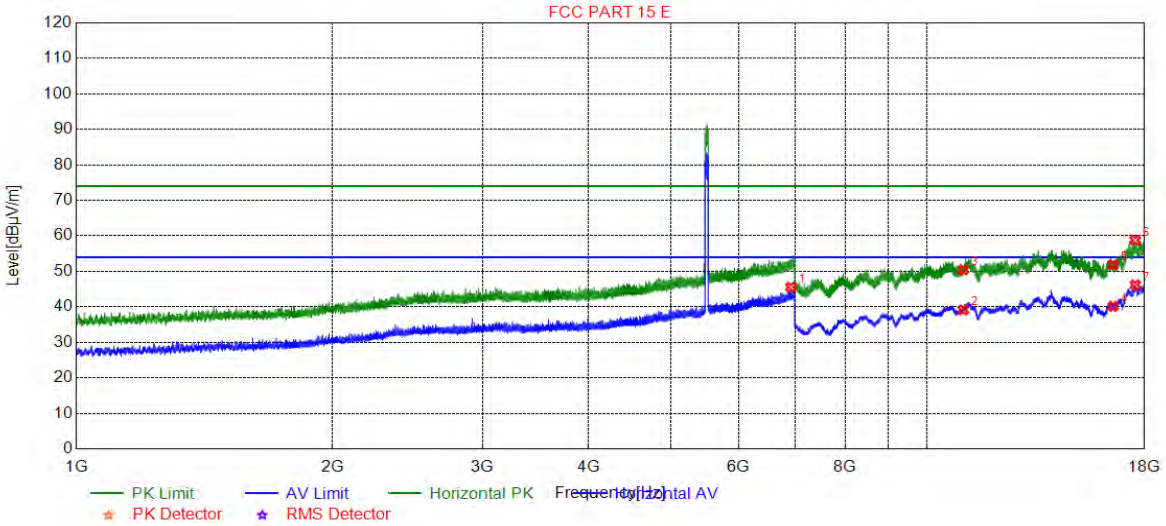
4.8.2.226 11AC40_102_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6911.49	45.51	12.44	54.00	8.49	150	85	Horizontal
2	11020.0	39.14	-4.09	54.00	14.86	150	138	Horizontal
3	11020.0	50.47	-4.09	74.00	23.53	150	285	Horizontal
4	16530.0	40.15	-3.84	54.00	13.85	150	314	Horizontal
5	16530.0	51.87	-3.84	74.00	22.13	150	167	Horizontal
6	17545.1	58.80	0.93	74.00	15.20	150	78	Horizontal
7	17551.1	46.17	1.01	54.00	7.83	150	314	Horizontal

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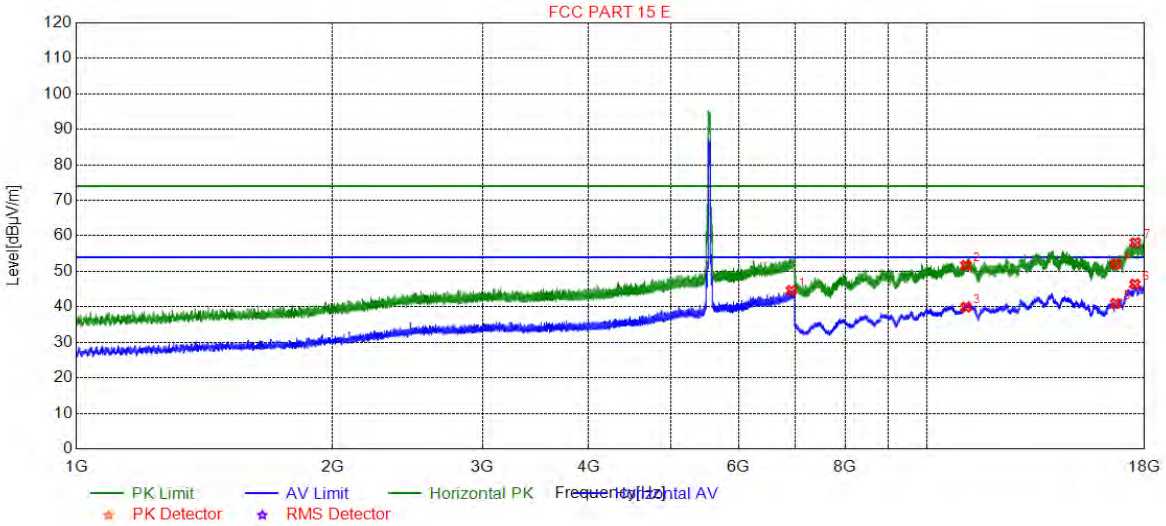
4.8.2.227 11AC40_110 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6922.29	44.60	12.48	54.00	9.40	150	113	Horizontal
2	11100.0	51.67	-3.36	74.00	22.33	150	283	Horizontal
3	11100.0	39.90	-3.36	54.00	14.10	150	194	Horizontal
4	16650.0	52.05	-4.20	74.00	21.95	150	52	Horizontal
5	16650.0	40.96	-4.20	54.00	13.04	150	108	Horizontal
6	17535.2	46.39	0.80	54.00	7.61	150	223	Horizontal
7	17553.9	58.09	1.04	74.00	15.91	150	313	Horizontal

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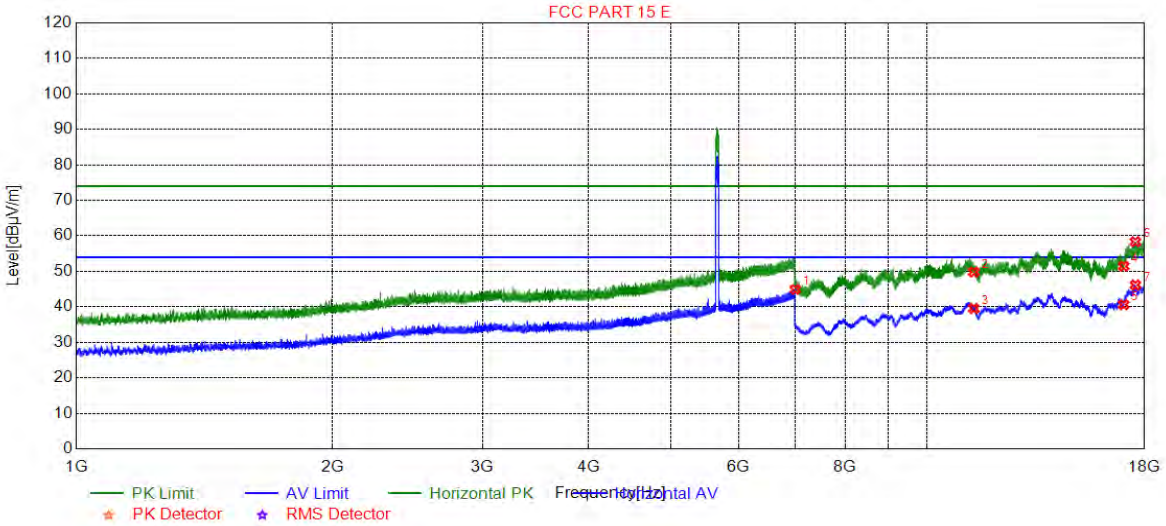
4.8.2.228 11AC40_134 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6995.19	44.91	12.75	54.00	9.09	150	198	Horizontal
2	11340.0	49.82	-4.59	74.00	24.18	150	0	Horizontal
3	11340.0	39.55	-4.59	54.00	14.45	150	314	Horizontal
4	17010.0	51.46	-3.20	74.00	22.54	150	227	Horizontal
5	17010.0	40.62	-3.20	54.00	13.38	150	17	Horizontal
6	17554.4	58.35	1.05	74.00	15.65	150	314	Horizontal
7	17558.3	46.17	1.10	54.00	7.83	150	17	Horizontal

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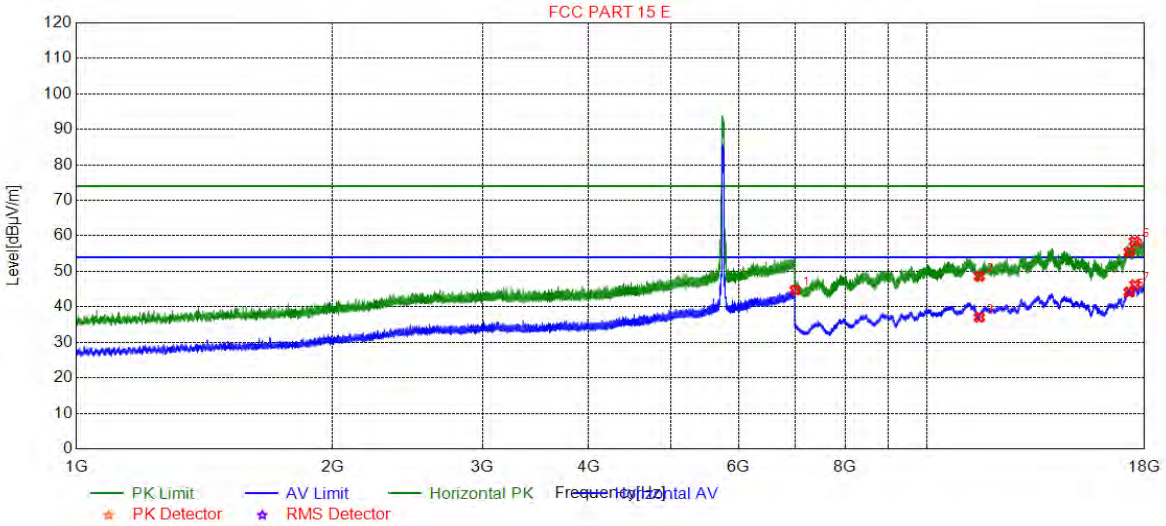
4.8.2.229 11AC40_151 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6993.09	44.73	12.74	54.00	9.27	150	140	Horizontal
2	11510.0	48.58	-5.50	74.00	25.42	150	314	Horizontal
3	11510.0	37.03	-5.50	54.00	16.97	150	30	Horizontal
4	17265.0	55.47	-1.33	74.00	18.53	150	342	Horizontal
5	17265.0	44.16	-1.33	54.00	9.84	150	285	Horizontal
6	17514.3	58.43	0.53	74.00	15.57	150	229	Horizontal
7	17542.3	46.20	0.89	54.00	7.80	150	58	Horizontal

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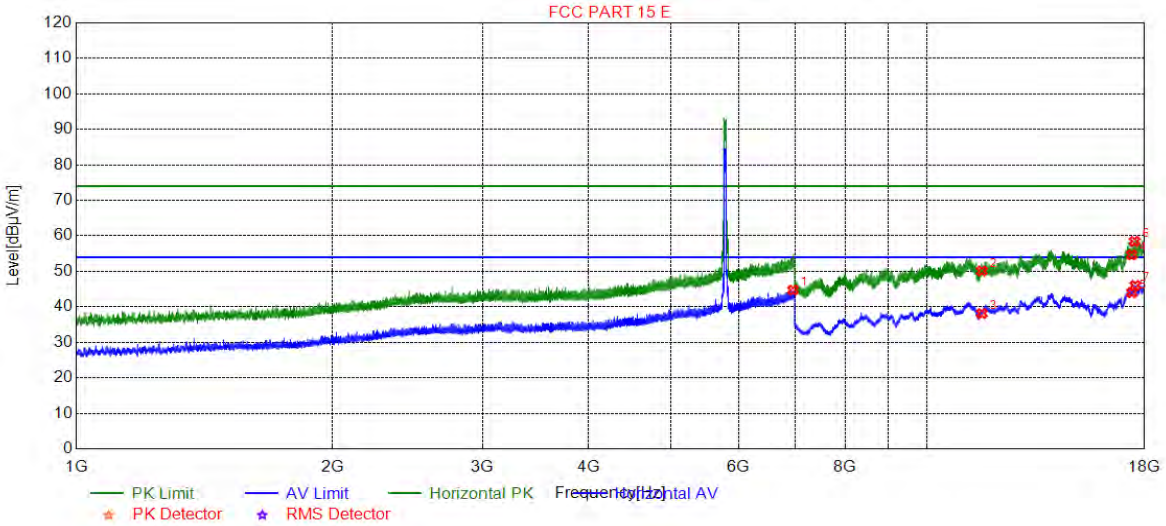
4.8.2.230 11AC40_159 _MIMO_ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6951.69	44.69	12.59	54.00	9.31	150	227	Horizontal
2	11590.0	50.10	-3.32	74.00	23.90	150	285	Horizontal
3	11590.0	38.14	-3.32	54.00	15.86	150	285	Horizontal
4	17385.0	54.64	-1.02	74.00	19.36	150	24	Horizontal
5	17385.0	44.01	-1.02	54.00	9.99	150	342	Horizontal
6	17514.8	58.45	0.54	74.00	15.55	150	1	Horizontal
7	17547.8	46.05	0.96	54.00	7.95	150	112	Horizontal

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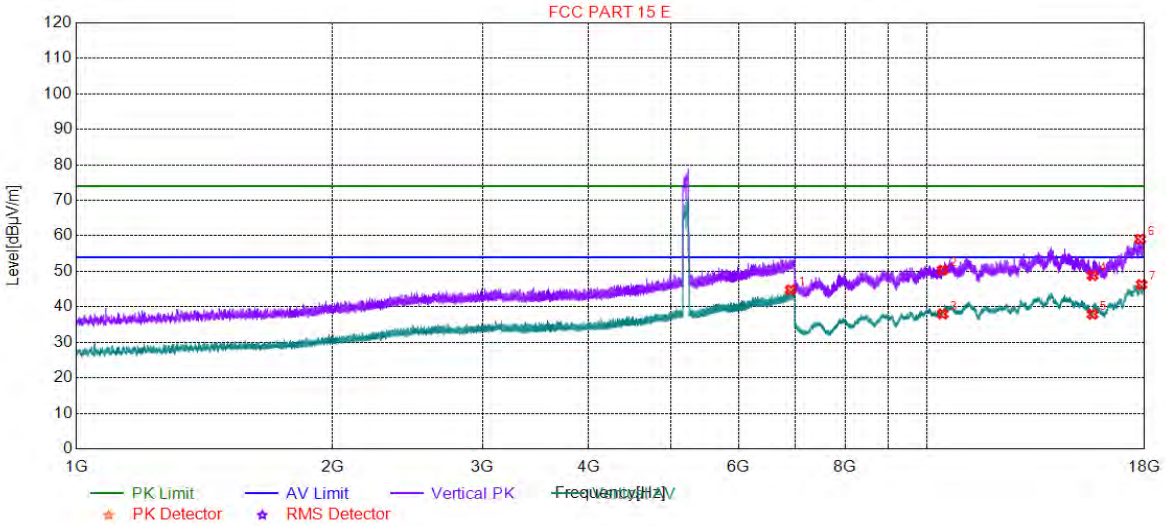
4.8.2.231 11AC80_42 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6906.39	44.80	12.42	54.00	9.20	150	162	Vertical
2	10420.0	50.34	-5.14	74.00	23.66	150	245	Vertical
3	10420.0	37.99	-5.14	54.00	16.01	150	46	Vertical
4	15630.0	48.84	-4.14	74.00	25.16	150	132	Vertical
5	15630.0	37.92	-4.14	54.00	16.08	150	357	Vertical
6	17790.4	59.09	-0.79	74.00	14.91	150	357	Vertical
7	17850.9	46.28	-0.94	54.00	7.72	150	217	Vertical

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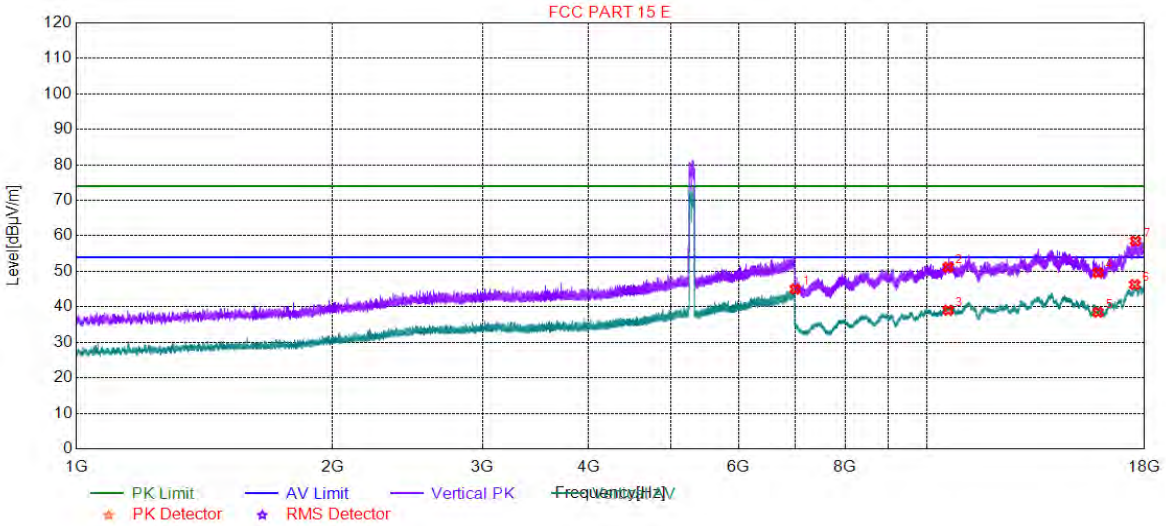
4.8.2.232 11AC80_58_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6992.49	45.01	12.74	54.00	8.99	150	104	Vertical
2	10580.0	51.18	-4.65	74.00	22.82	150	221	Vertical
3	10580.0	39.05	-4.65	54.00	14.95	150	335	Vertical
4	15870.0	49.60	-3.31	74.00	24.40	150	105	Vertical
5	15870.0	38.48	-3.31	54.00	15.52	150	18	Vertical
6	17525.8	46.24	0.68	54.00	7.76	150	358	Vertical
7	17559.9	58.56	1.12	74.00	15.44	150	164	Vertical

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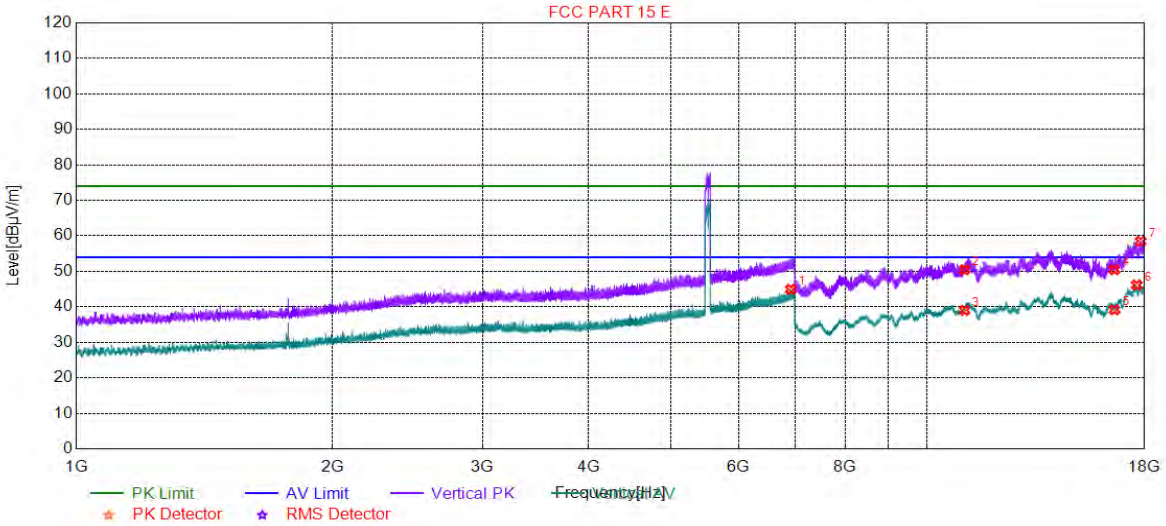
4.8.2.233 11AC80_106_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.09	44.95	12.43	54.00	9.05	150	46	Vertical
2	11060.0	50.46	-3.73	74.00	23.54	150	216	Vertical
3	11060.0	39.02	-3.73	54.00	14.98	150	188	Vertical
4	16590.0	50.47	-4.27	74.00	23.53	150	216	Vertical
5	16590.0	39.18	-4.27	54.00	14.82	150	356	Vertical
6	17619.3	46.15	1.13	54.00	7.85	150	301	Vertical
7	17808.0	58.47	-0.80	74.00	15.53	150	18	Vertical

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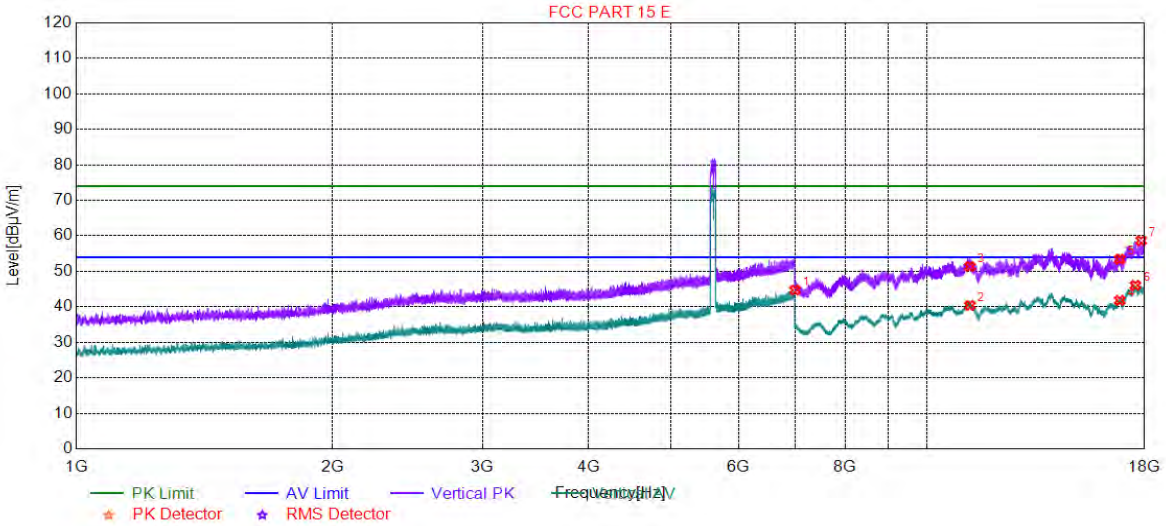
4.8.2.234 11AC80_122 _MIMO_ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.69	44.73	12.74	54.00	9.27	150	248	Vertical
2	11220.0	40.39	-3.73	54.00	13.61	150	160	Vertical
3	11220.0	51.34	-3.73	74.00	22.66	150	75	Vertical
4	16830.0	41.82	-2.15	54.00	12.18	150	302	Vertical
5	16830.0	53.42	-2.15	74.00	20.58	150	216	Vertical
6	17555.5	46.07	1.06	54.00	7.93	150	103	Vertical
7	17833.3	58.65	-0.88	74.00	15.35	150	245	Vertical

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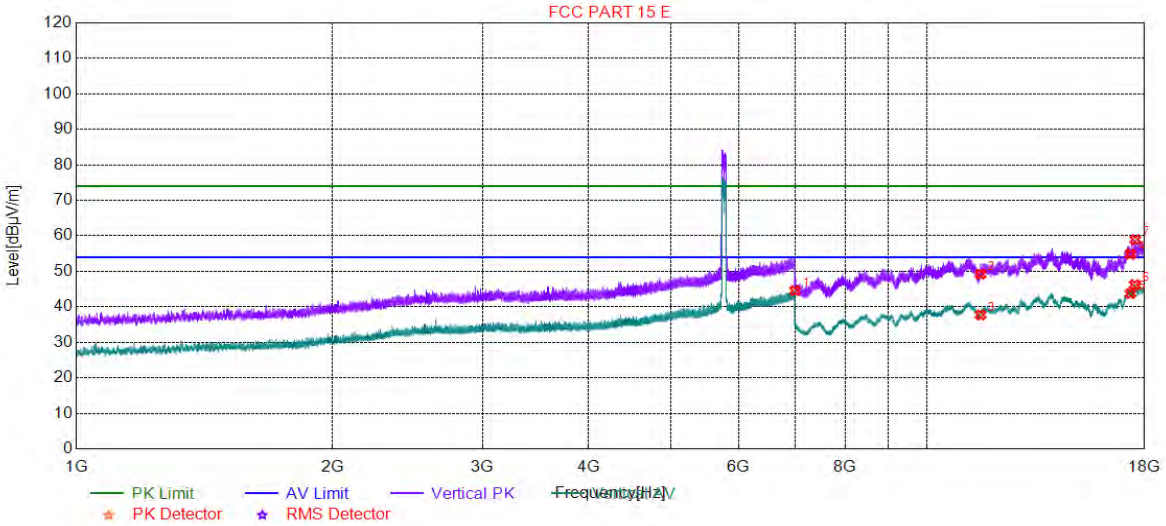
4.8.2.235 11AC80_155_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6989.49	44.55	12.73	54.00	9.45	150	275	Vertical
2	11550.0	49.20	-4.41	74.00	24.80	150	334	Vertical
3	11550.0	37.74	-4.41	54.00	16.26	150	133	Vertical
4	17325.0	54.85	-1.12	74.00	19.15	150	248	Vertical
5	17325.0	43.77	-1.12	54.00	10.23	150	334	Vertical
6	17525.3	46.23	0.67	54.00	7.77	150	219	Vertical
7	17550.6	58.92	1.00	74.00	15.08	150	358	Vertical

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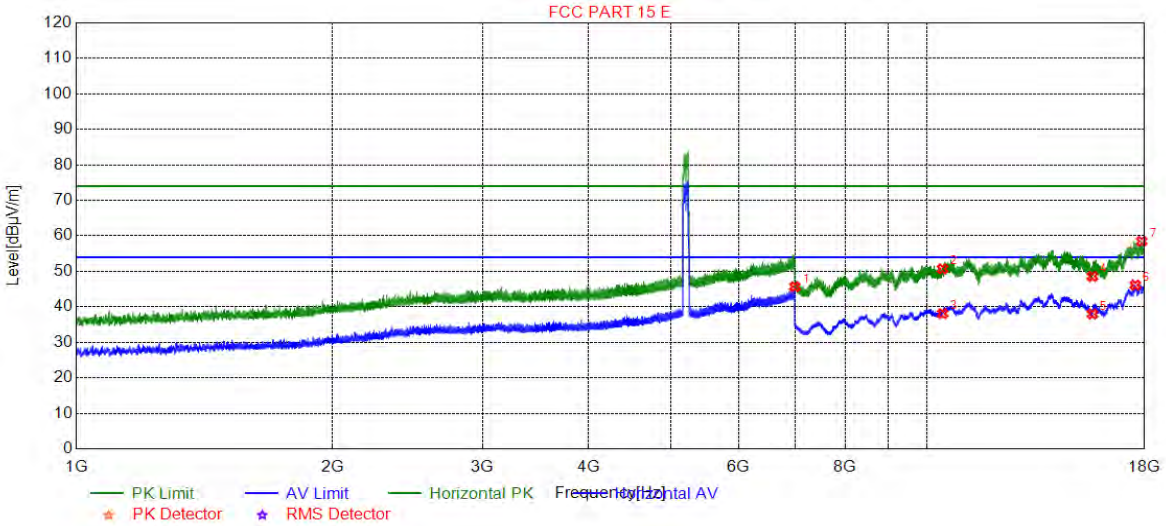
4.8.2.236 11AC80_42_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.79	45.69	12.72	54.00	8.31	150	85	Horizontal
2	10420.0	50.71	-5.14	74.00	23.29	150	57	Horizontal
3	10420.0	38.07	-5.14	54.00	15.93	150	228	Horizontal
4	15630.0	48.57	-4.14	74.00	25.43	150	200	Horizontal
5	15630.0	37.98	-4.14	54.00	16.02	150	314	Horizontal
6	17551.7	46.14	1.01	54.00	7.86	150	29	Horizontal
7	17858.6	58.48	-0.97	74.00	15.52	150	143	Horizontal

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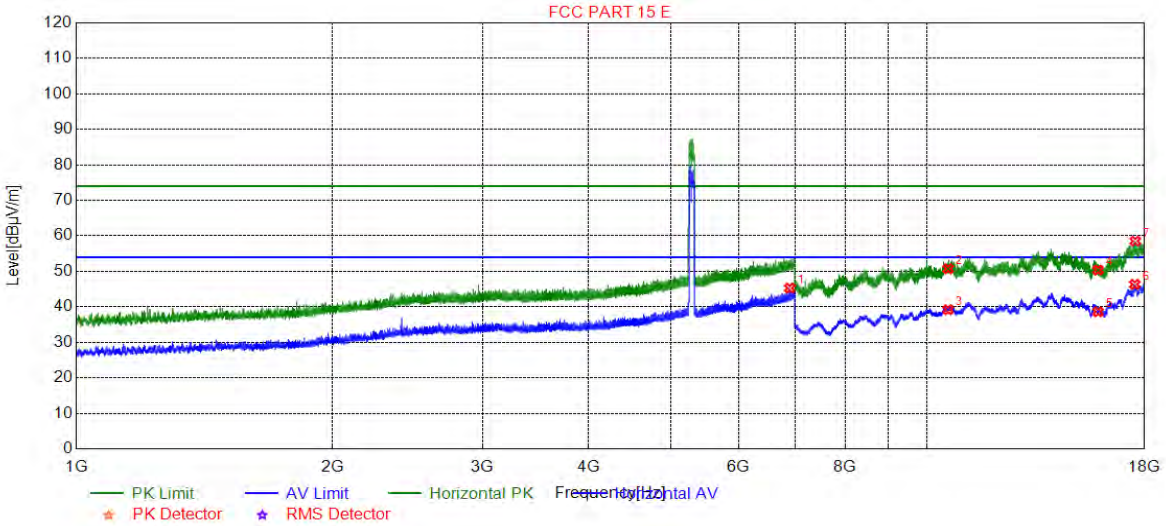
4.8.2.237 11AC80_58_MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6891.99	45.29	12.37	54.00	8.71	150	194	Horizontal
2	10580.0	50.72	-4.65	74.00	23.28	150	342	Horizontal
3	10580.0	39.19	-4.65	54.00	14.81	150	200	Horizontal
4	15870.0	50.38	-3.31	74.00	23.62	150	25	Horizontal
5	15870.0	38.61	-3.31	54.00	15.39	150	285	Horizontal
6	17526.9	46.33	0.70	54.00	7.67	150	200	Horizontal
7	17551.7	58.52	1.01	74.00	15.48	150	54	Horizontal

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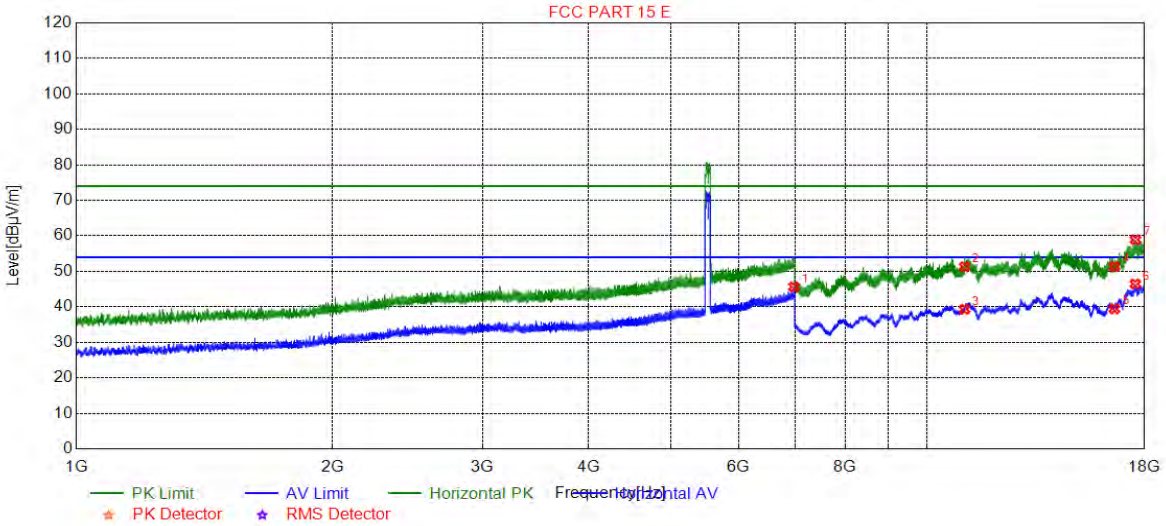
4.8.2.238 11AC80_106 _MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6968.19	45.63	12.65	54.00	8.37	150	113	Horizontal
2	11060.0	51.29	-3.73	74.00	22.71	150	86	Horizontal
3	11060.0	39.32	-3.73	54.00	14.68	150	199	Horizontal
4	16590.0	51.34	-4.27	74.00	22.66	150	143	Horizontal
5	16590.0	39.44	-4.27	54.00	14.56	150	313	Horizontal
6	17552.2	46.46	1.02	54.00	7.54	150	313	Horizontal
7	17556.6	58.91	1.08	74.00	15.09	150	313	Horizontal

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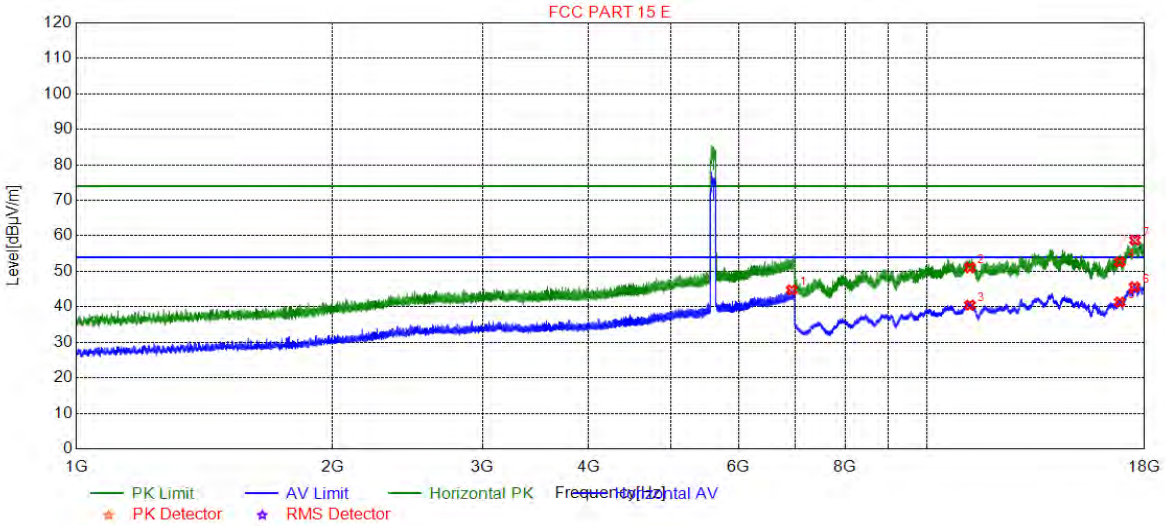
4.8.2.239 11AC80_122 _MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6927.09	44.77	12.50	54.00	9.23	150	27	Horizontal
2	11220.0	51.06	-3.73	74.00	22.94	150	57	Horizontal
3	11220.0	40.49	-3.73	54.00	13.51	150	113	Horizontal
4	16830.0	52.66	-2.15	74.00	21.34	150	141	Horizontal
5	16830.0	41.32	-2.15	54.00	12.68	150	85	Horizontal
6	17520.9	45.60	0.62	54.00	8.40	150	57	Horizontal
7	17536.3	58.83	0.81	74.00	15.17	150	113	Horizontal

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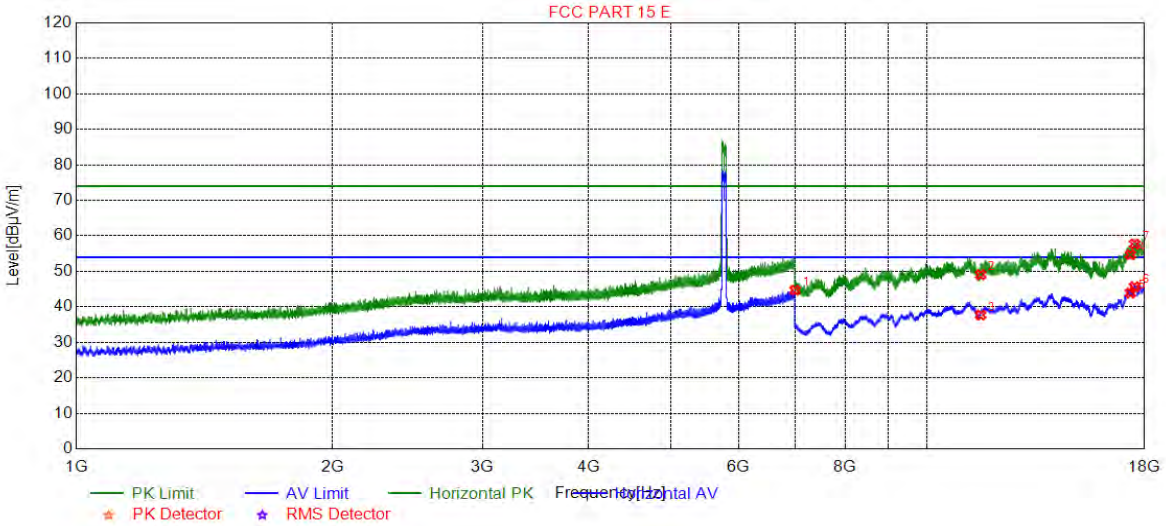
4.8.2.240 11AC80_155 _MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.69	44.68	12.74	54.00	9.32	150	113	Horizontal
2	11550.0	49.04	-4.41	74.00	24.96	150	108	Horizontal
3	11550.0	37.71	-4.41	54.00	16.29	150	140	Horizontal
4	17325.0	54.69	-1.12	74.00	19.31	150	140	Horizontal
5	17325.0	43.90	-1.12	54.00	10.10	150	1	Horizontal
6	17519.8	45.64	0.60	54.00	8.36	150	256	Horizontal
7	17521.4	57.70	0.62	74.00	16.30	150	168	Horizontal

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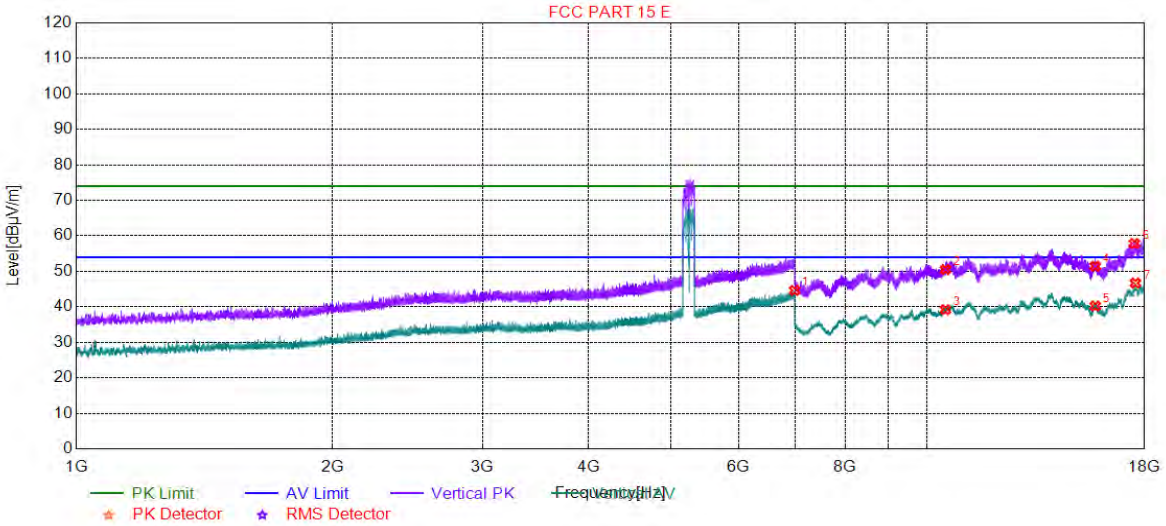
4.8.2.241 11AC160_50_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.59	44.62	12.71	54.00	9.38	150	18	Vertical
2	10500.0	50.50	-4.27	74.00	23.50	150	75	Vertical
3	10500.0	39.20	-4.27	54.00	14.80	150	244	Vertical
4	15750.0	51.47	-2.50	74.00	22.53	150	216	Vertical
5	15750.0	40.21	-2.50	54.00	13.79	150	244	Vertical
6	17511.0	57.82	0.49	74.00	16.18	150	103	Vertical
7	17556.6	46.71	1.08	54.00	7.29	150	330	Vertical

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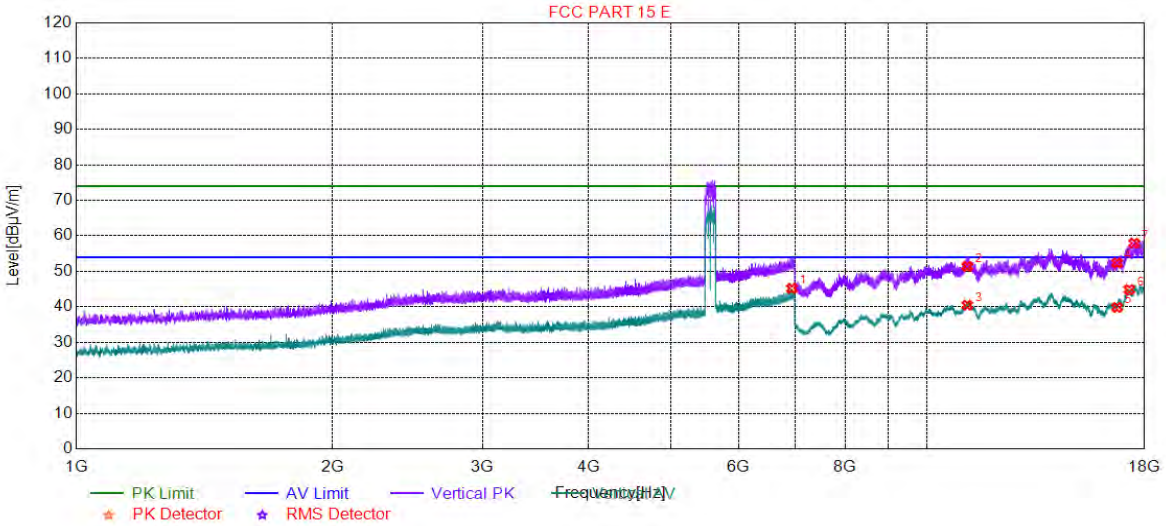
4.8.2.242 11AC160_114_MIMO_ ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6930.69	45.20	12.51	54.00	8.80	150	160	Vertical
2	11140.0	51.38	-3.41	74.00	22.62	150	188	Vertical
3	11140.0	40.47	-3.41	54.00	13.53	150	216	Vertical
4	16710.0	52.36	-3.88	74.00	21.64	150	216	Vertical
5	16710.0	39.83	-3.88	54.00	14.17	150	188	Vertical
6	17264.6	44.87	-1.34	54.00	9.13	150	188	Vertical
7	17497.8	57.95	0.32	74.00	16.05	150	188	Vertical

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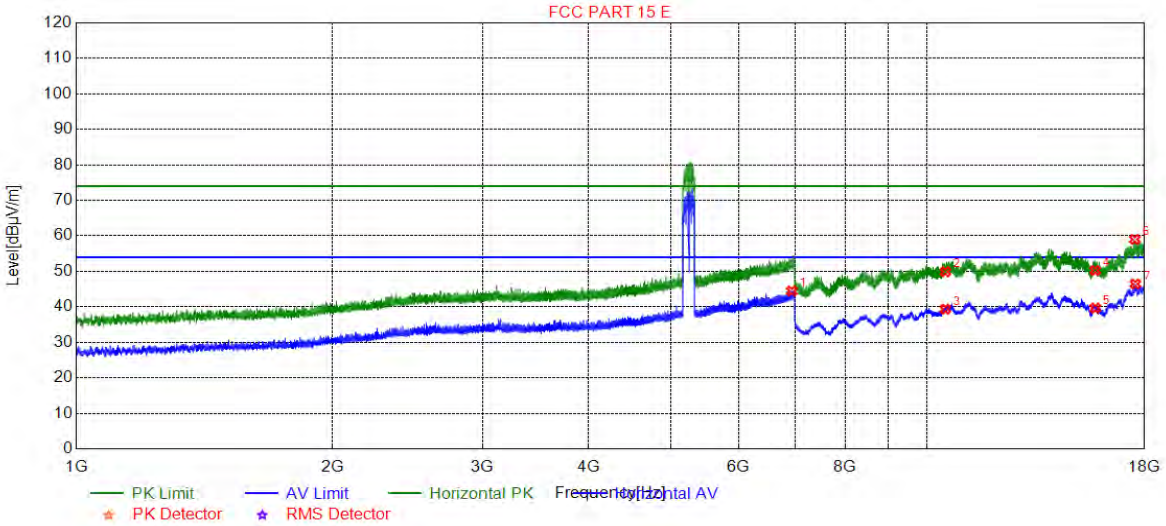
4.8.2.243 11AC160_50 _MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.89	44.47	12.51	54.00	9.53	150	199	Horizontal
2	10500.0	49.91	-4.27	74.00	24.09	150	256	Horizontal
3	10500.0	39.36	-4.27	54.00	14.64	150	342	Horizontal
4	15750.0	50.26	-2.50	74.00	23.74	150	30	Horizontal
5	15750.0	39.65	-2.50	54.00	14.35	150	58	Horizontal
6	17530.2	59.01	0.74	74.00	14.99	150	342	Horizontal
7	17553.9	46.45	1.04	54.00	7.55	150	200	Horizontal

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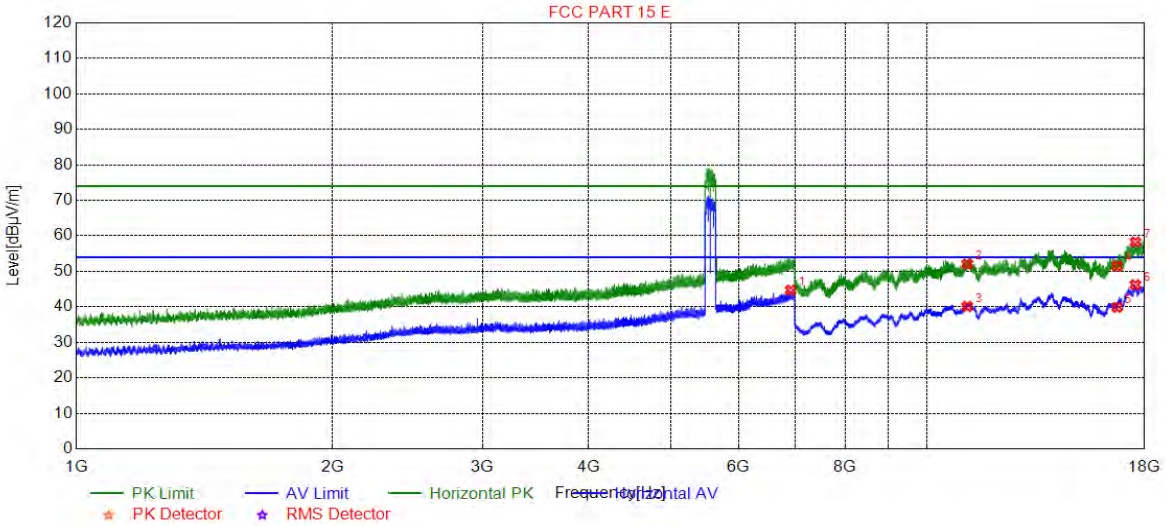
4.8.2.244 11AC160_114 _MIMO_ ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.89	44.72	12.43	54.00	9.28	150	28	Horizontal
2	11140.0	52.09	-3.41	74.00	21.91	150	195	Horizontal
3	11140.0	40.11	-3.41	54.00	13.89	150	21	Horizontal
4	16710.0	51.48	-3.88	74.00	22.52	150	195	Horizontal
5	16710.0	39.87	-3.88	54.00	14.13	150	285	Horizontal
6	17553.3	46.23	1.03	54.00	7.77	150	78	Horizontal
7	17561.0	58.27	1.13	74.00	15.73	150	135	Horizontal

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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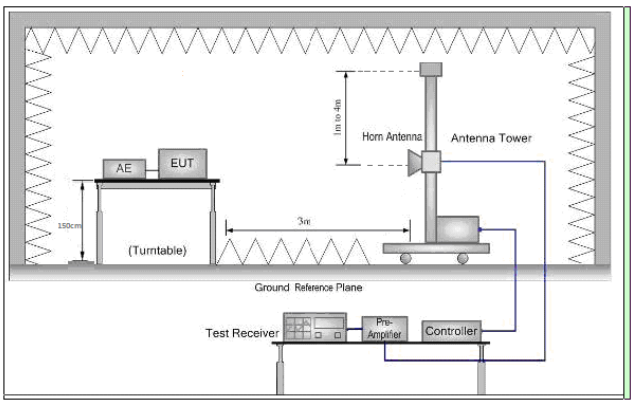
4.9 Restricted bands around fundamental frequency

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); MCSAC0 of rate is the worst case of 802.11ac(HT20); MCSAC0 of rate is the worst case of 802.11ac(HT40); MCSAC0 of rate is the worst case of 802.11ac(HT80) MCSAC0 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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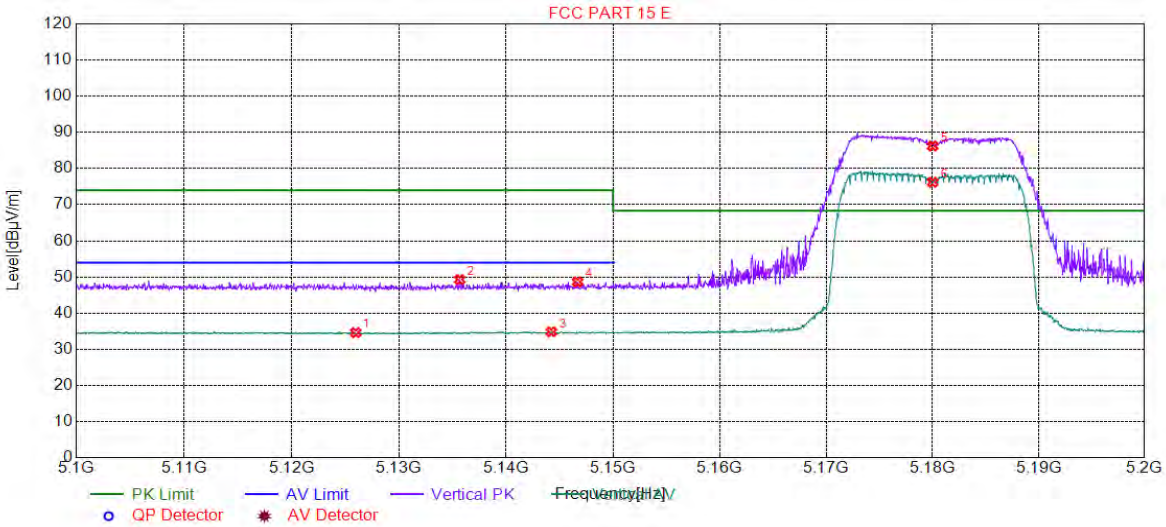
4.9.1 Test plots

4.9.1.1 11A20_36 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5125.96	34.63	7.51	54.00	19.37	150	166	Vertical
2	5135.66	49.28	7.53	74.00	24.72	150	143	Vertical
3	5144.22	34.84	7.55	54.00	19.16	150	14	Vertical
4	5146.67	48.66	7.55	74.00	25.34	150	243	Vertical
5	5180.00	86.24	7.61	68.30	-17.94	150	234	Vertical
6	5180.00	76.19	7.61	0.00	-76.19	150	231	Vertical

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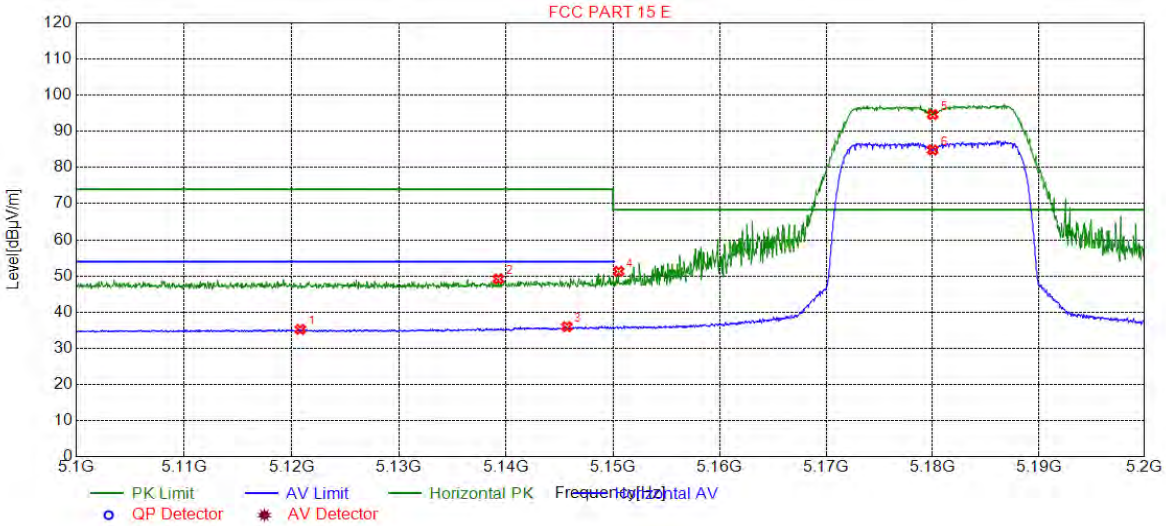
4.9.1.2 11A20_36 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5120.81	35.21	7.51	54.00	18.79	150	233	Horizontal
2	5139.26	49.20	7.54	74.00	24.80	150	4	Horizontal
3	5145.67	35.98	7.55	54.00	18.02	150	229	Horizontal
4	5150.52	51.29	7.56	68.30	17.01	150	237	Horizontal
5	5180.00	94.63	7.61	68.30	-26.33	150	229	Horizontal
6	5180.00	84.85	7.61	0.00	-84.85	150	229	Horizontal

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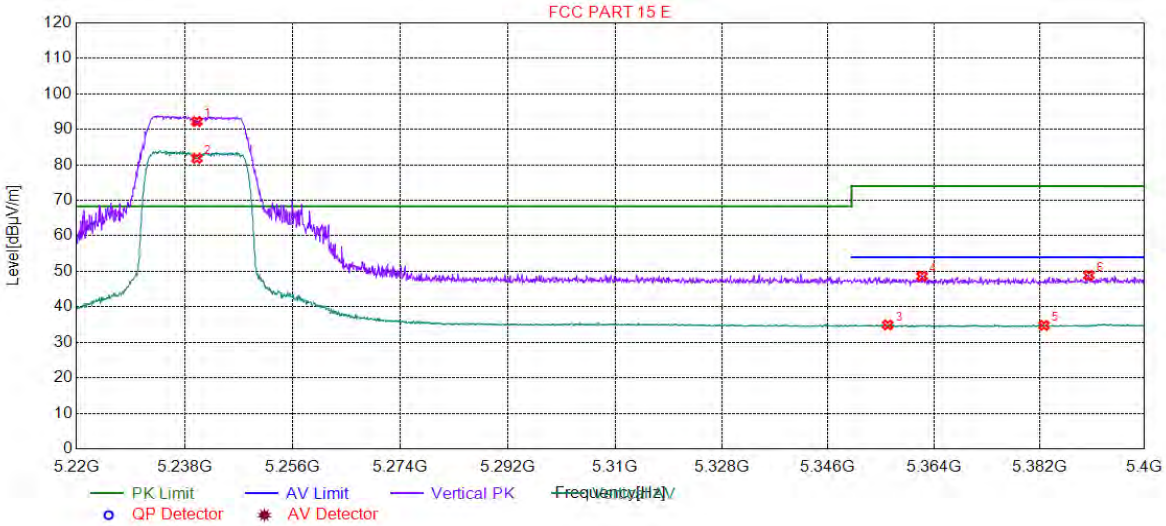
4.9.1.3 11A20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	92.22	7.68	68.30	-23.92	150	232	Vertical
2	5240.00	81.84	7.68	0.00	-81.84	150	232	Vertical
3	5356.14	34.92	7.85	54.00	19.08	150	16	Vertical
4	5362.00	48.66	7.86	74.00	25.34	150	236	Vertical
5	5382.80	34.78	7.91	54.00	19.22	150	168	Vertical
6	5390.45	48.88	7.92	74.00	25.12	150	144	Vertical

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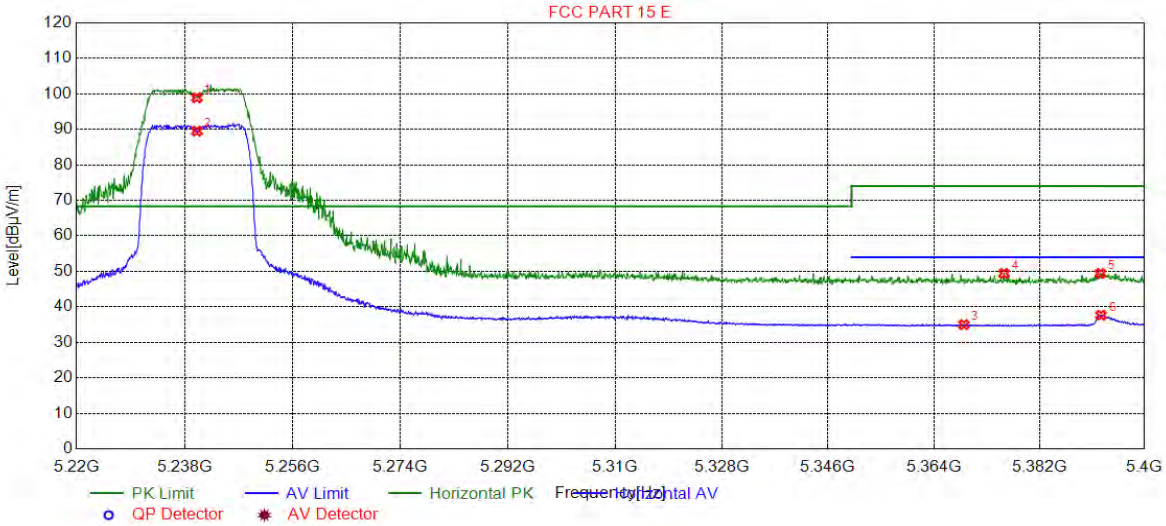
4.9.1.4 11A20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.00	98.91	7.68	68.30	-30.61	150	229	Horizontal
2	5240.00	89.49	7.68	0.00	-89.49	150	229	Horizontal
3	5369.11	35.01	7.88	54.00	18.99	150	205	Horizontal
4	5375.95	49.42	7.89	74.00	24.58	150	344	Horizontal
5	5392.43	49.42	7.92	74.00	24.58	150	233	Horizontal
6	5392.52	37.67	7.93	54.00	16.33	150	229	Horizontal

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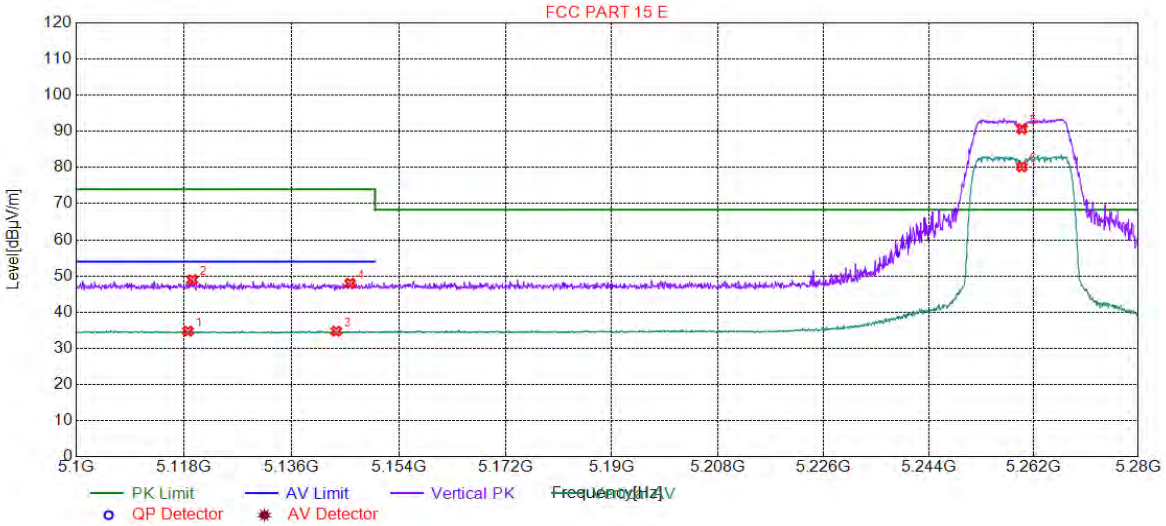
4.9.1.5 11A20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5118.63	34.76	7.50	54.00	19.24	150	161	Vertical
2	5119.35	48.99	7.50	74.00	25.01	150	151	Vertical
3	5143.49	34.73	7.54	54.00	19.27	150	209	Vertical
4	5145.83	47.98	7.55	74.00	26.02	150	190	Vertical
5	5260.00	90.67	7.70	68.30	-22.37	150	237	Vertical
6	5260.00	80.18	7.70	0.00	-80.18	150	228	Vertical

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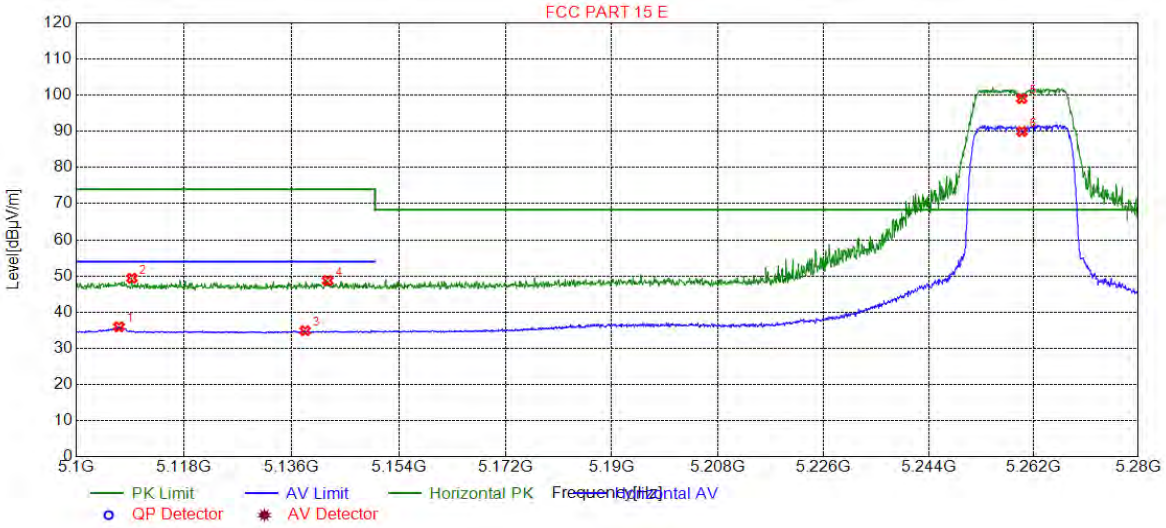
4.9.1.6 11A20_52 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5107.11	35.95	7.48	54.00	18.05	150	232	Horizontal
2	5109.27	49.39	7.49	74.00	24.61	150	72	Horizontal
3	5138.26	34.88	7.54	54.00	19.12	150	176	Horizontal
4	5142.05	48.73	7.54	74.00	25.27	150	293	Horizontal
5	5260.00	99.04	7.70	68.30	-30.74	150	223	Horizontal
6	5260.00	89.96	7.70	0.00	-89.96	150	232	Horizontal

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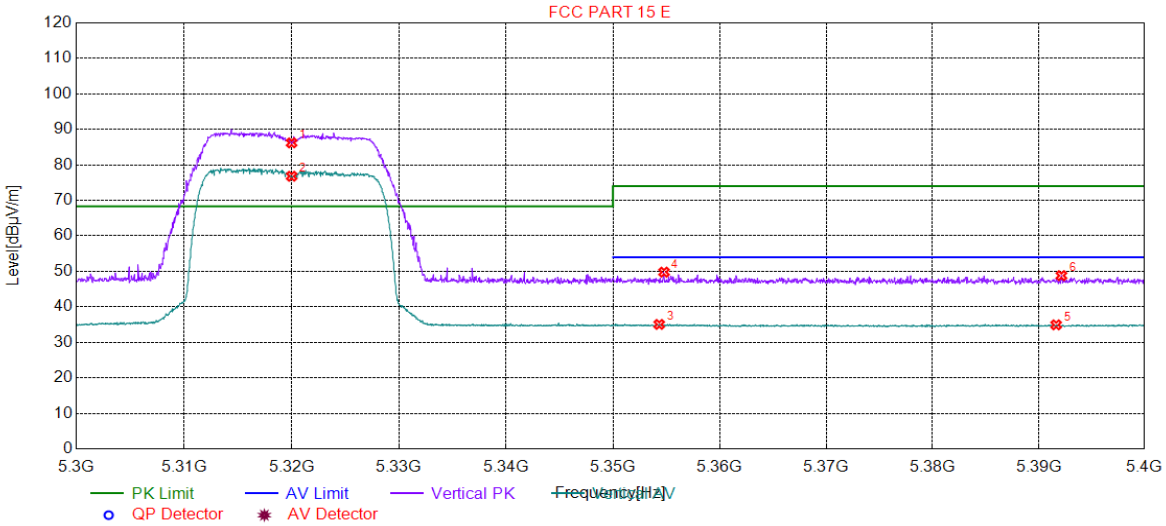
4.9.1.7 11A20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	86.20	7.78	68.30	-17.90	150	166	Vertical
2	5320.00	76.79	7.78	0.00	-76.79	150	223	Vertical
3	5354.32	35.06	7.85	54.00	18.94	150	166	Vertical
4	5354.77	49.78	7.85	74.00	24.22	150	247	Vertical
5	5391.64	34.94	7.92	54.00	19.06	150	16	Vertical
6	5392.14	48.80	7.92	74.00	25.20	150	266	Vertical

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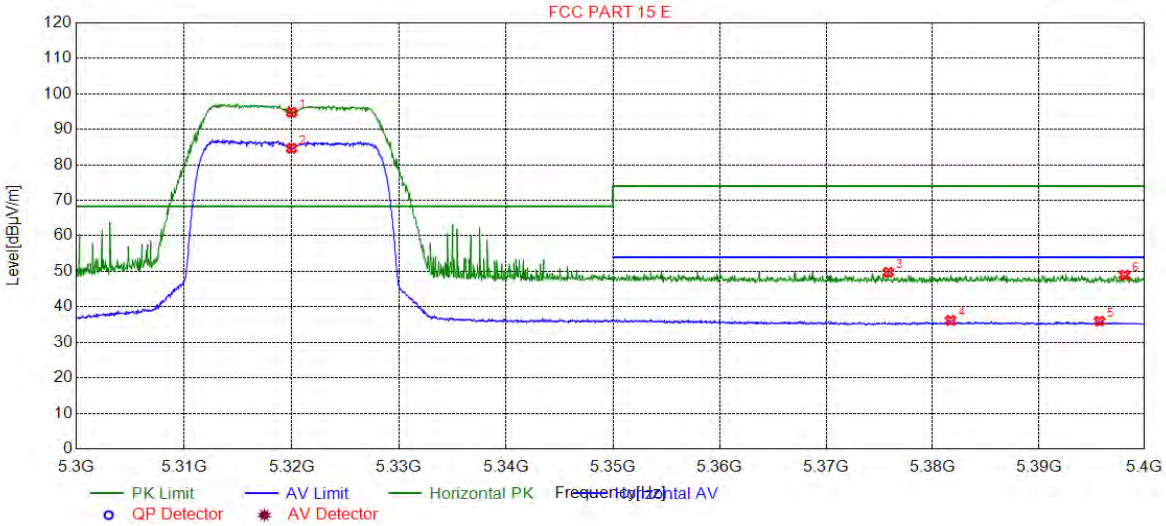
4.9.1.8 11A20_64 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5320.00	94.79	7.78	68.30	-26.49	150	229	Horizontal
2	5320.00	84.69	7.78	0.00	-84.69	150	229	Horizontal
3	5375.83	49.75	7.89	74.00	24.25	150	71	Horizontal
4	5381.69	36.18	7.90	54.00	17.82	150	229	Horizontal
5	5395.74	35.98	7.93	54.00	18.02	150	229	Horizontal
6	5398.09	48.93	7.94	74.00	25.07	150	100	Horizontal

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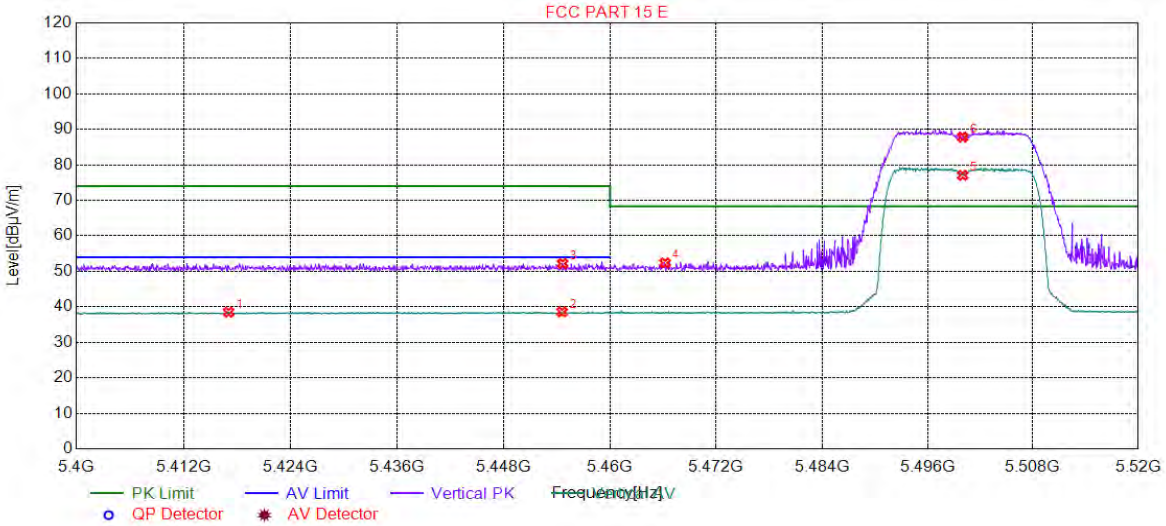
4.9.1.9 11A20_100 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5417.04	38.51	7.97	54.00	15.49	150	107	Vertical
2	5454.56	38.57	8.03	54.00	15.43	150	280	Vertical
3	5454.62	52.20	8.03	74.00	21.80	150	238	Vertical
4	5466.21	52.40	8.05	68.30	15.90	150	302	Vertical
5	5500.00	77.05	8.10	0.00	-77.05	150	163	Vertical
6	5500.00	87.80	8.10	68.30	-19.50	150	171	Vertical

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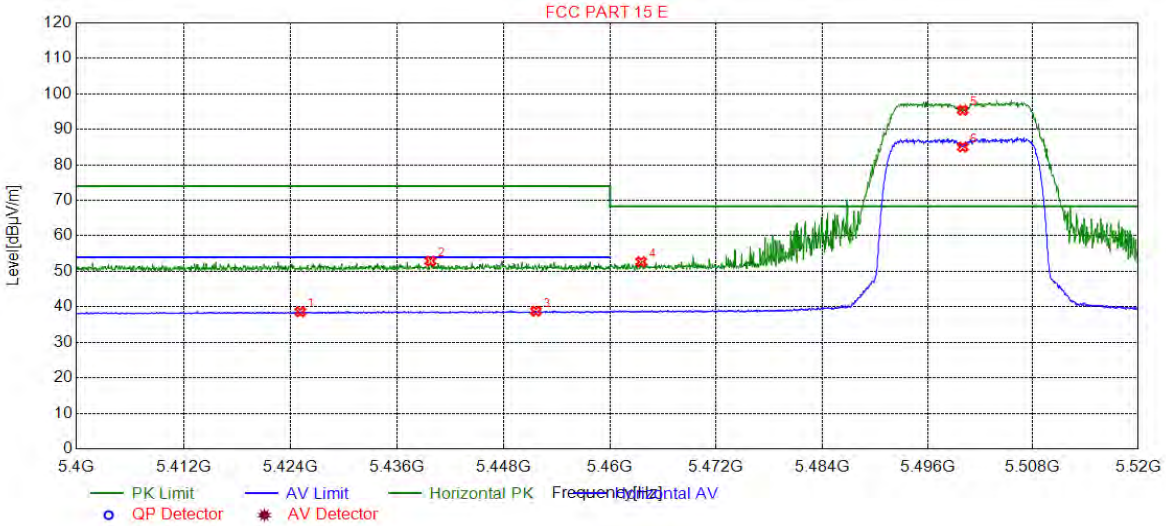
4.9.1.10 11A20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5425.09	38.61	7.98	54.00	15.39	150	231	Horizontal
2	5439.73	52.90	8.00	74.00	21.10	150	249	Horizontal
3	5451.62	38.79	8.02	54.00	15.21	150	231	Horizontal
4	5463.51	52.72	8.04	68.30	15.58	150	223	Horizontal
5	5500.00	95.41	8.10	68.30	-27.11	150	78	Horizontal
6	5500.00	85.03	8.10	0.00	-85.03	150	231	Horizontal

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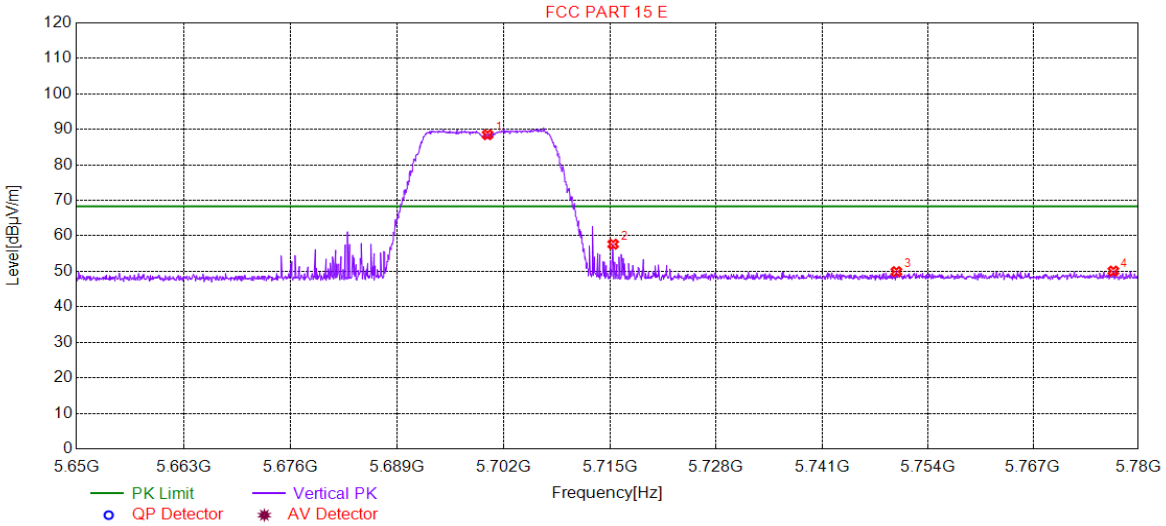
4.9.1.11 11A20_140 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	88.50	8.51	68.30	-20.20	150	274	Vertical
2	5715.35	57.66	8.55	68.30	10.64	150	268	Vertical
3	5750.15	49.93	8.63	68.30	18.37	150	221	Vertical
4	5776.94	50.09	8.69	68.30	18.21	150	221	Vertical

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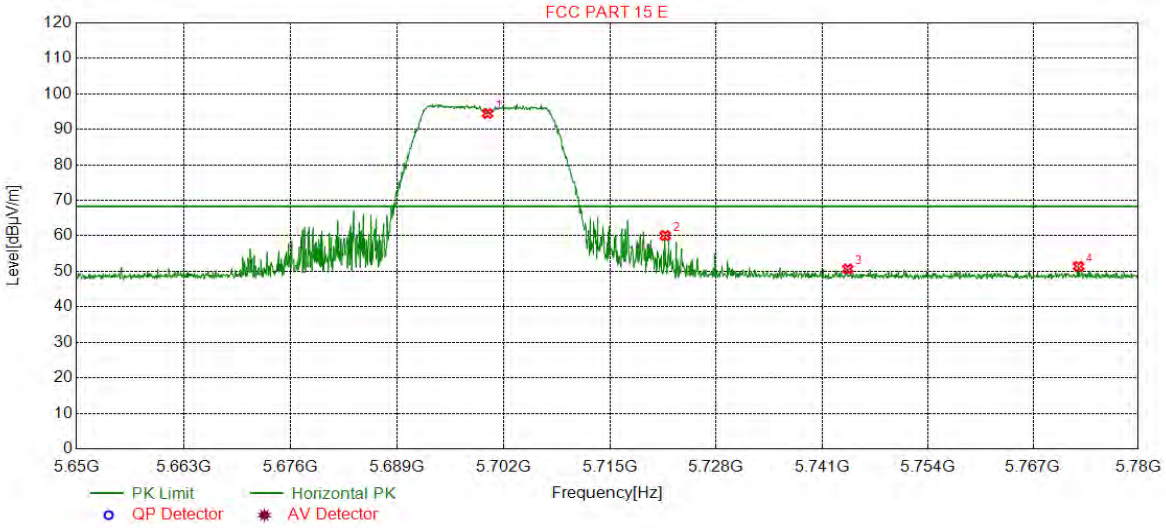
4.9.1.12 11A20_140 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5700.00	94.47	8.51	68.30	-26.17	150	66	Horizontal
2	5721.73	60.08	8.56	68.30	8.22	150	60	Horizontal
3	5744.16	50.67	8.61	68.30	17.63	150	313	Horizontal
4	5772.65	51.40	8.68	68.30	16.90	150	344	Horizontal

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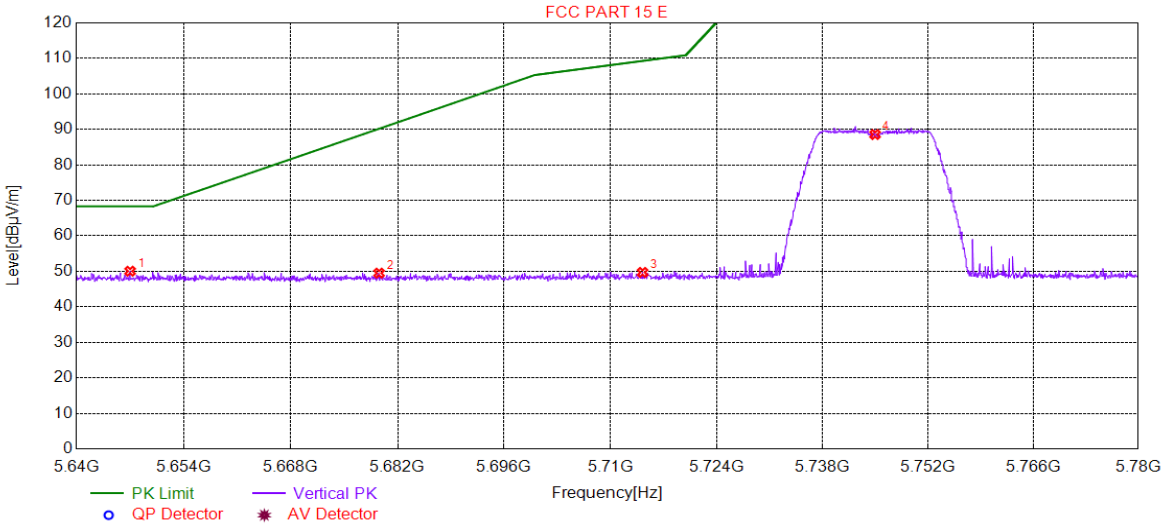
4.9.1.13 11A20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5647.00	50.05	8.43	68.30	18.25	150	100	Vertical
2	5679.56	49.50	8.48	90.18	40.68	150	337	Vertical
3	5714.23	49.70	8.54	109.29	59.59	150	316	Vertical
4	5745.00	88.55	8.61	0.00	-88.55	150	280	Vertical

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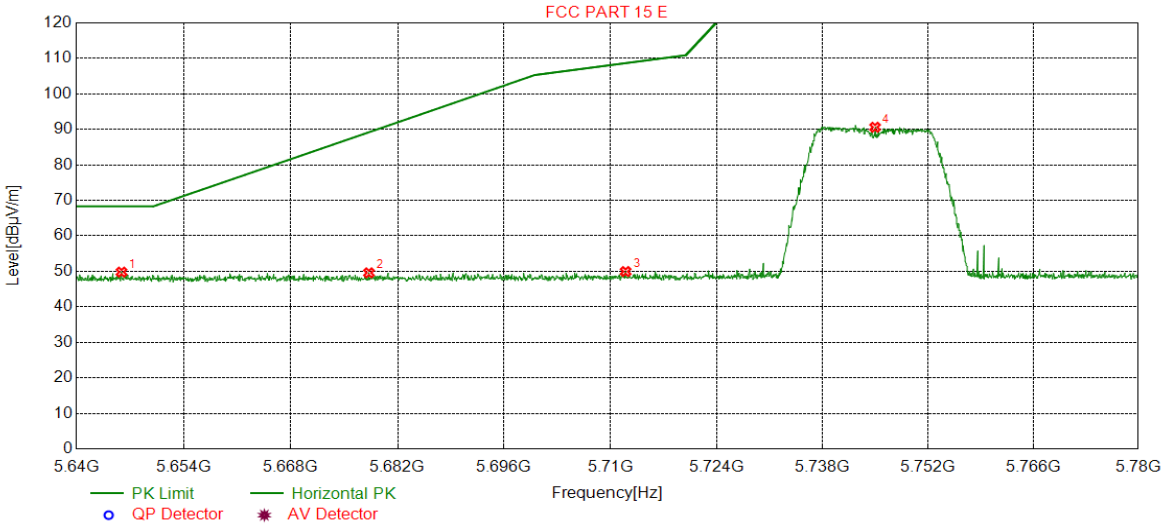
4.9.1.14 11A20_149 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5645.88	49.80	8.42	68.30	18.50	150	134	Horizontal
2	5678.23	49.59	8.48	89.20	39.61	150	200	Horizontal
3	5711.99	49.95	8.54	108.66	58.71	150	235	Horizontal
4	5745.00	90.61	8.61	0.00	-90.61	150	123	Horizontal

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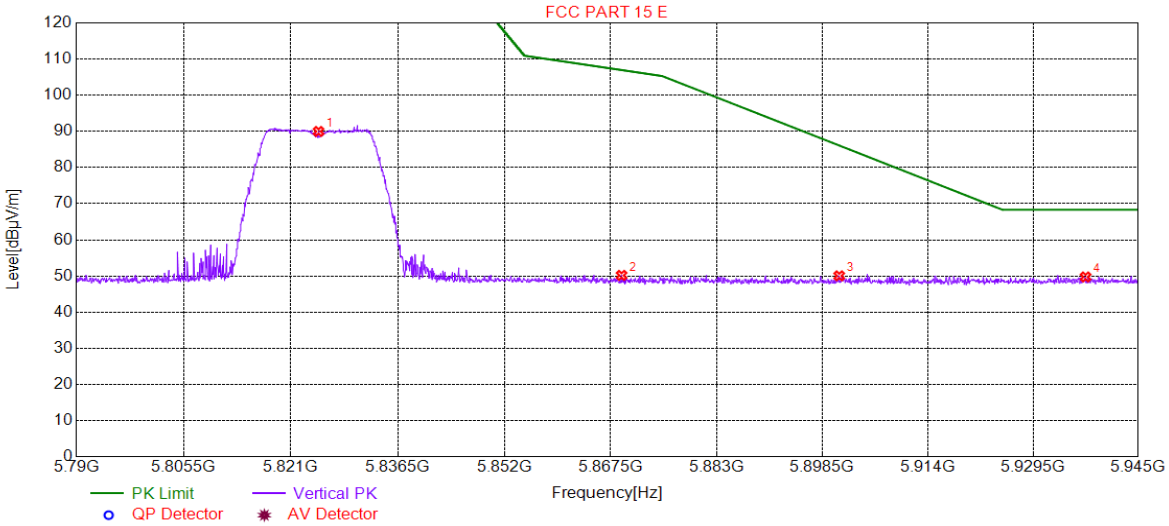
4.9.1.15 11A20_165 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	89.98	8.82	0.00	-89.98	150	280	Vertical
2	5869.08	50.18	8.95	106.95	56.77	150	334	Vertical
3	5900.95	50.05	9.04	86.09	36.04	150	40	Vertical
4	5937.24	49.74	9.15	68.30	18.56	150	277	Vertical

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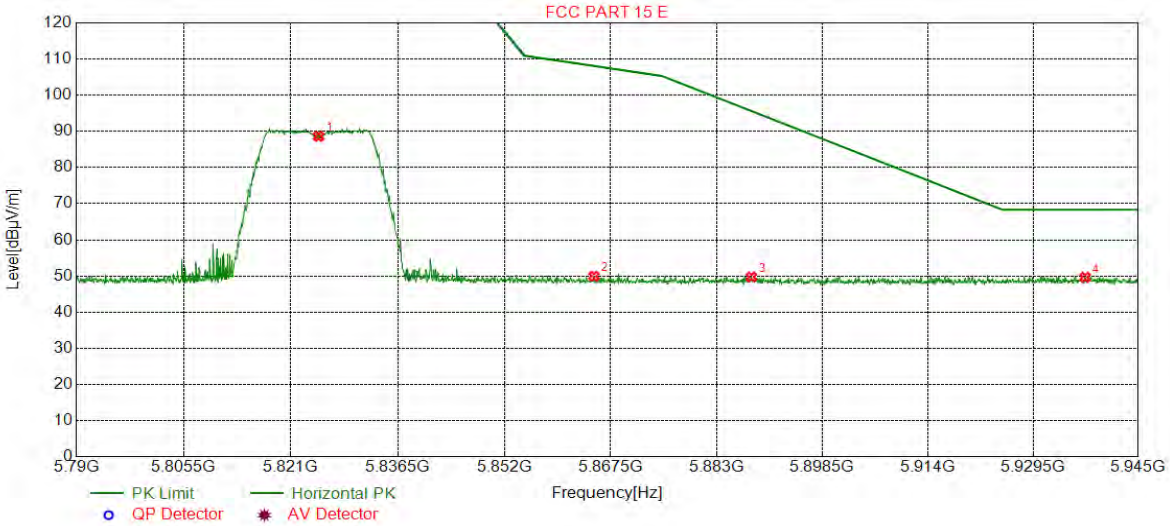
4.9.1.16 11A20_165 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5825.00	88.60	8.82	0.00	-88.60	150	125	Horizontal
2	5865.05	49.95	8.94	108.08	58.13	150	271	Horizontal
3	5888.08	49.75	9.00	95.62	45.87	150	208	Horizontal
4	5937.16	49.67	9.15	68.30	18.63	150	0	Horizontal

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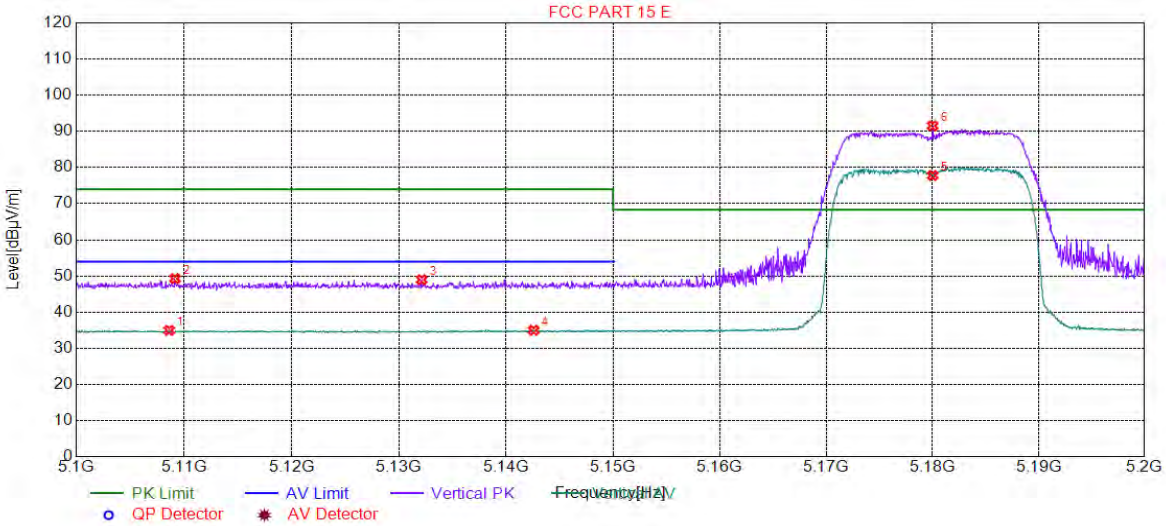
4.9.1.17 11N20_36 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5108.60	34.96	7.48	54.00	19.04	150	320	Vertical
2	5109.15	49.26	7.49	74.00	24.74	150	29	Vertical
3	5132.11	48.99	7.52	74.00	25.01	150	179	Vertical
4	5142.57	34.99	7.54	54.00	19.01	150	29	Vertical
5	5180.00	77.80	7.61	0.00	-77.80	150	238	Vertical
6	5180.00	91.53	7.61	68.30	-23.23	150	238	Vertical

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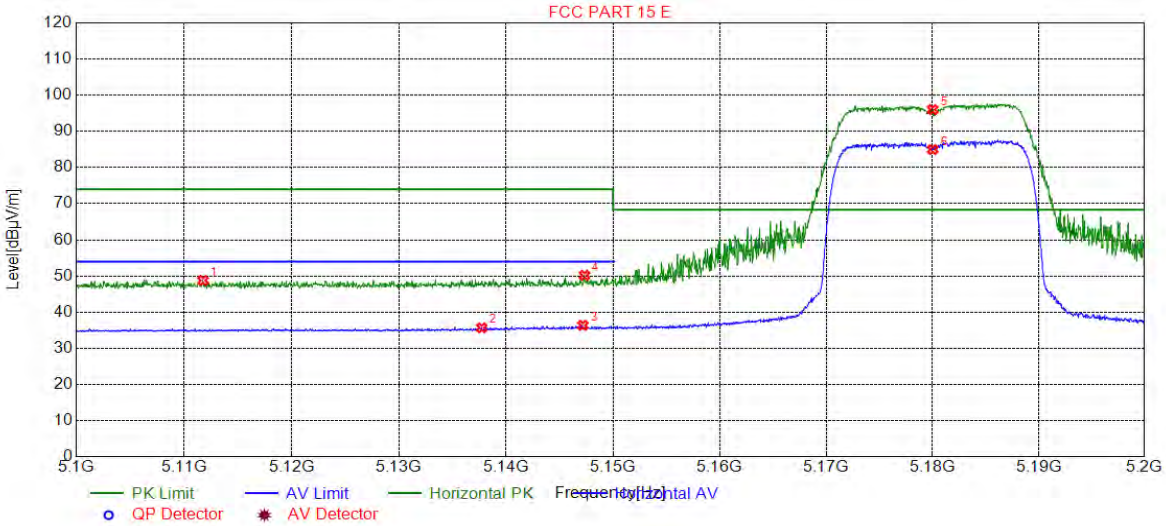
4.9.1.18 11N20_36 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5111.75	48.75	7.49	74.00	25.25	150	69	Horizontal
2	5137.71	35.67	7.53	54.00	18.33	150	235	Horizontal
3	5147.17	36.37	7.55	54.00	17.63	150	231	Horizontal
4	5147.32	50.20	7.55	74.00	23.80	150	219	Horizontal
5	5180.00	96.02	7.61	68.30	-27.72	150	231	Horizontal
6	5180.00	84.97	7.61	0.00	-84.97	150	231	Horizontal

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