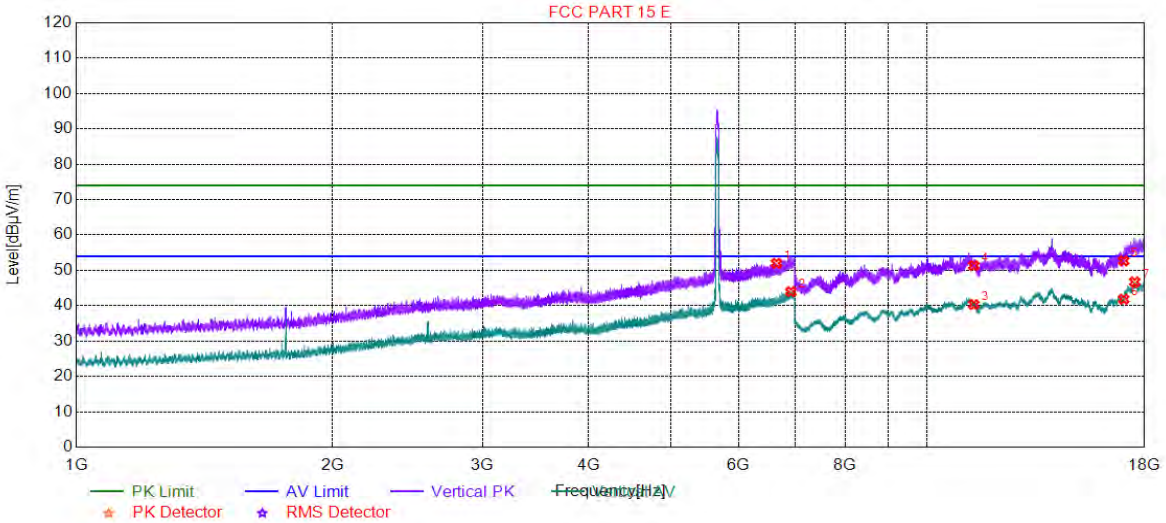
4.9.2.59 11N40_134 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6648.0824	52.01	19.60	74.00	21.99	248	118	Vertical
2	6912.0956	43.96	21.10	54.00	10.04	240	118	Vertical
3	11340.0000	40.33	-4.59	54.00	13.67	299	218	Vertical
4	11340.0000	51.31	-4.59	74.00	22.69	196	119	Vertical
5	17010.0000	52.68	-3.20	74.00	21.32	234	68	Vertical
6	17010.0000	41.84	-3.20	54.00	12.16	265	119	Vertical
7	17524.7762	46.74	0.67	54.00	7.26	217	68	Vertical

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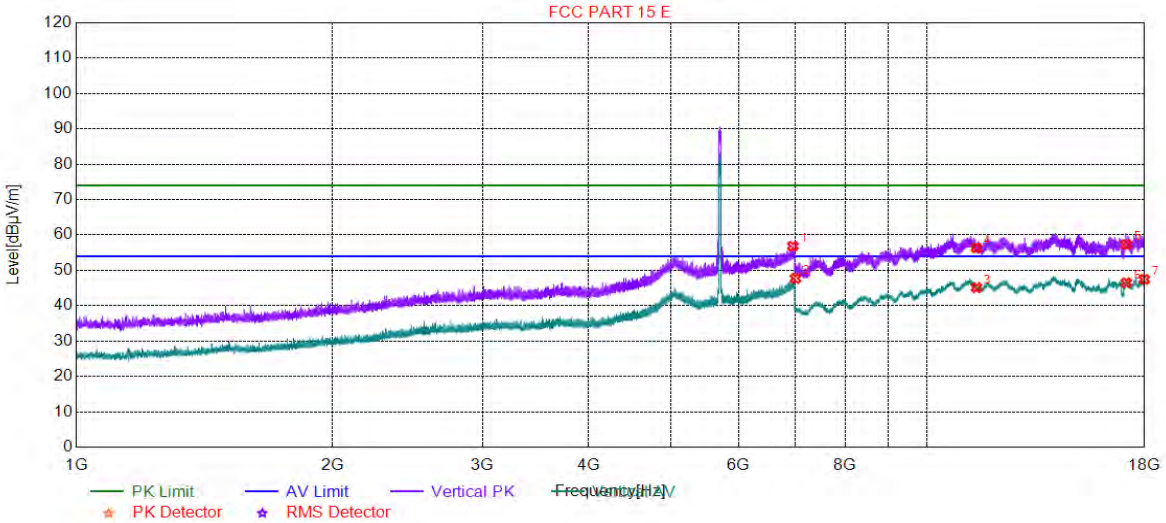
4.9.2.60 11N40_142 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6949.2975	56.84	25.02	74.00	17.16	246	320	Vertical
2	6998.1999	47.72	24.77	54.00	6.28	320	168	Vertical
3	11420.0000	45.11	2.99	54.00	8.89	284	274	Vertical
4	11420.0000	56.35	2.99	74.00	17.65	244	274	Vertical
5	17130.0000	57.30	1.88	74.00	16.70	213	123	Vertical
6	17130.0000	46.50	1.88	54.00	7.50	204	18	Vertical
7	17985.1493	47.44	1.86	54.00	6.56	332	18	Vertical

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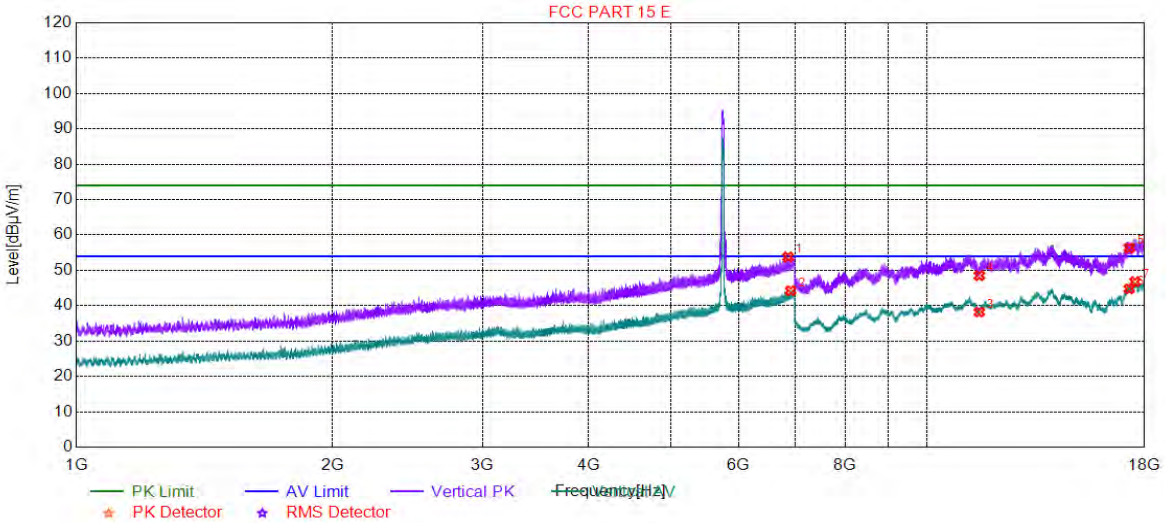
4.9.2.61 11N40_151 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6858.6929	53.79	20.90	74.00	20.21	180	70	Vertical
2	6907.8954	44.25	21.08	54.00	9.75	273	218	Vertical
3	11510.0000	38.21	-5.50	54.00	15.79	266	18	Vertical
4	11510.0000	48.50	-5.50	74.00	25.50	177	359	Vertical
5	17265.0000	56.36	-1.33	74.00	17.64	218	18	Vertical
6	17265.0000	44.75	-1.33	54.00	9.25	164	267	Vertical
7	17537.9769	46.79	0.84	54.00	7.21	261	267	Vertical

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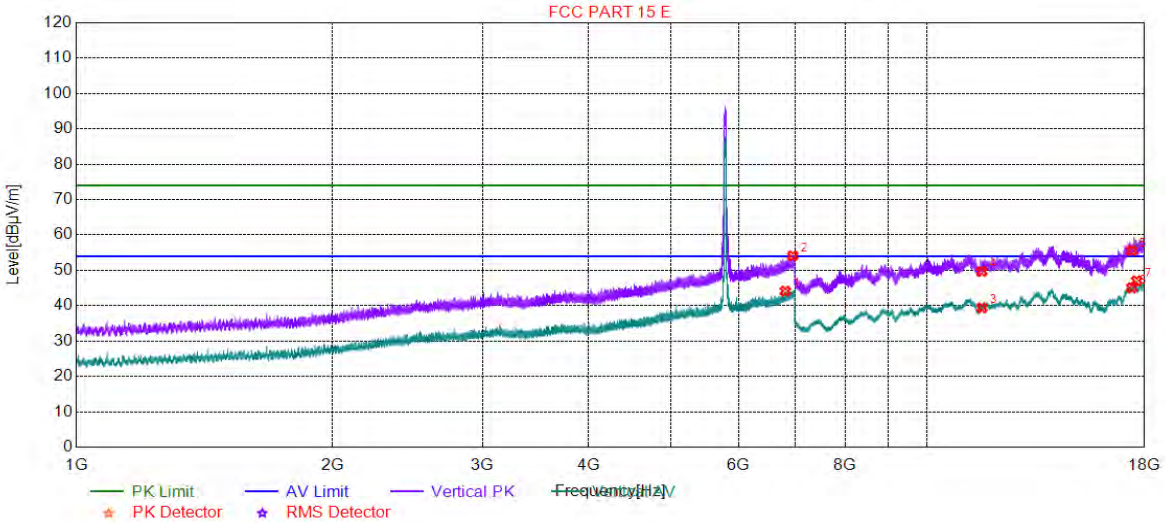
4.9.2.62 11N40_159 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6808.8904	44.11	20.74	54.00	9.89	259	18	Vertical
2	6947.1974	54.12	21.32	74.00	19.88	241	268	Vertical
3	11590.0000	39.40	-3.32	54.00	14.60	157	215	Vertical
4	11590.0000	49.70	-3.32	74.00	24.30	255	215	Vertical
5	17385.0000	55.59	-1.02	74.00	18.41	187	314	Vertical
6	17385.0000	45.07	-1.02	54.00	8.93	250	314	Vertical
7	17617.7309	47.06	1.17	54.00	6.94	260	314	Vertical

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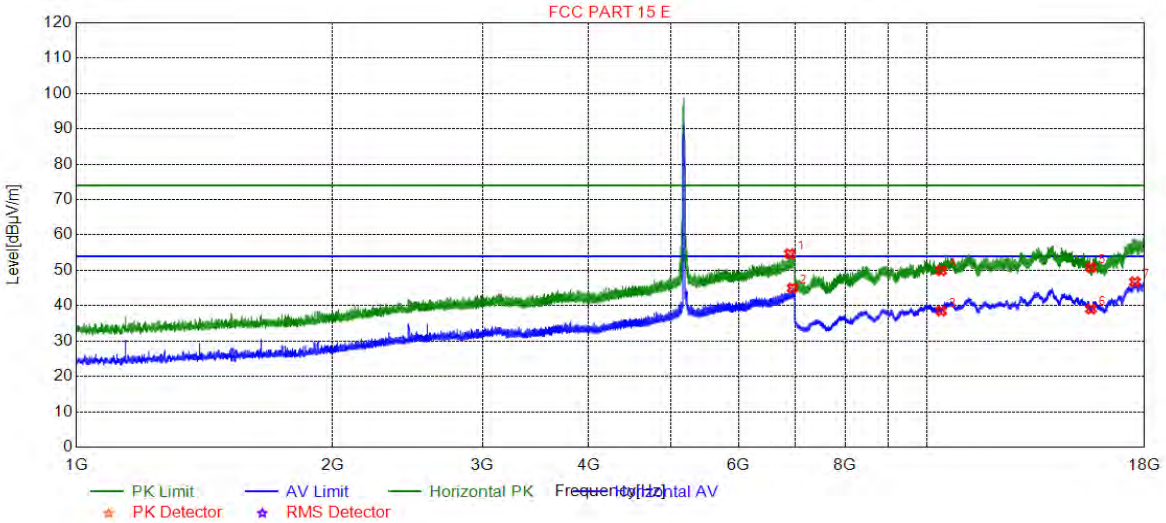
4.9.2.63 11N40_38 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.4947	54.68	21.01	74.00	19.32	217	117	Horizontal
2	6942.6971	44.98	21.29	54.00	9.02	100	317	Horizontal
3	10380.0000	38.54	-5.36	54.00	15.46	164	293	Horizontal
4	10380.0000	49.92	-5.36	74.00	24.08	123	0	Horizontal
5	15570.0000	50.81	-4.02	74.00	23.19	145	92	Horizontal
6	15570.0000	39.08	-4.02	54.00	14.92	130	342	Horizontal
7	17533.0267	46.74	0.77	54.00	7.26	111	141	Horizontal

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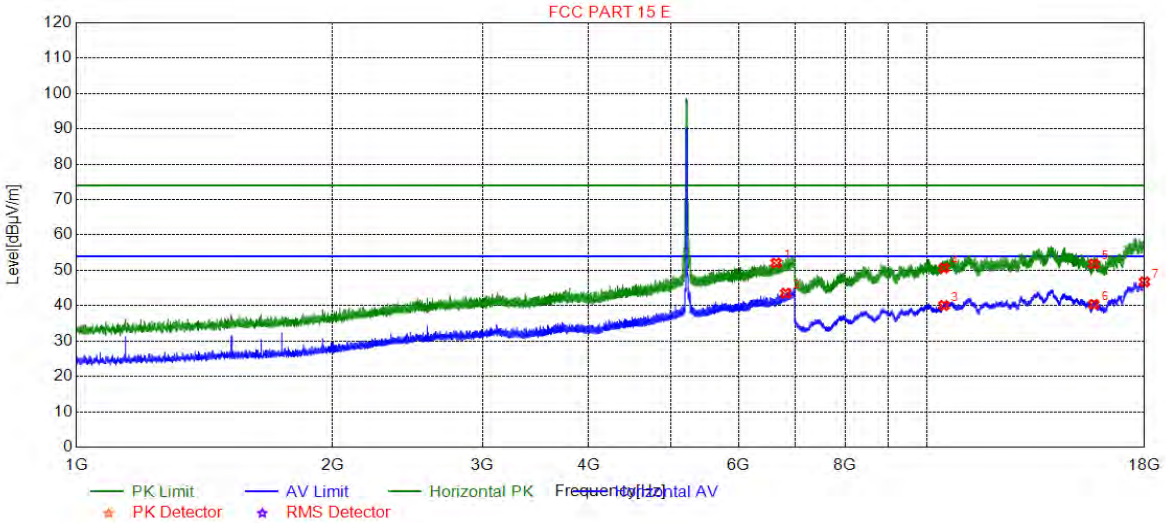
4.9.2.64 11N40_46 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6642.9821	52.09	19.59	74.00	21.91	136	68	Horizontal
2	6814.8907	43.53	20.76	54.00	10.47	170	218	Horizontal
3	10460.0000	40.06	-4.70	54.00	13.94	208	239	Horizontal
4	10460.0000	50.65	-4.70	74.00	23.35	127	239	Horizontal
5	15690.0000	51.79	-2.93	74.00	22.21	163	140	Horizontal
6	15690.0000	40.39	-2.93	54.00	13.61	208	189	Horizontal
7	17995.0498	46.73	-0.39	54.00	7.27	246	0	Horizontal

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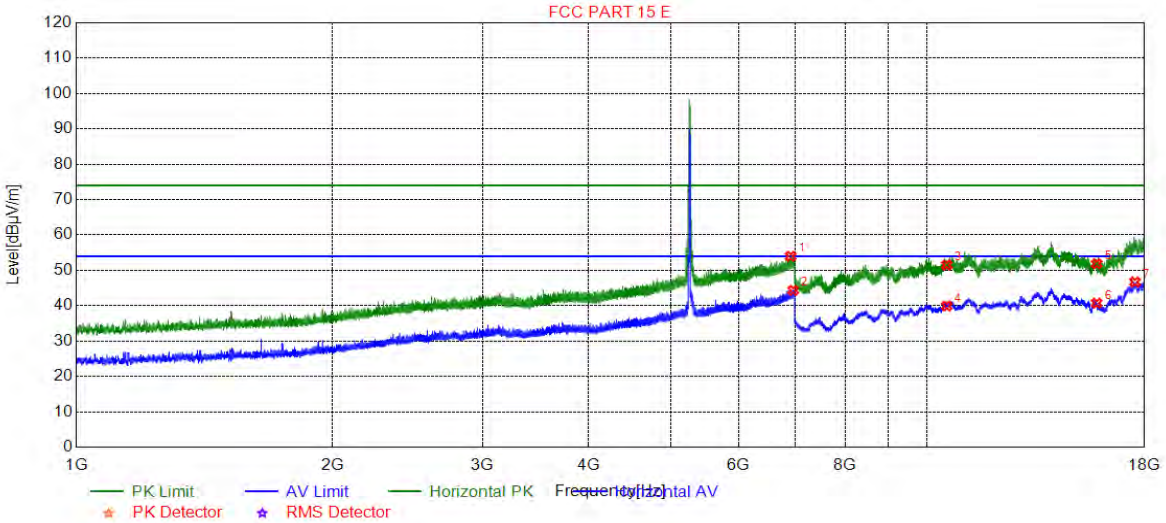
4.9.2.65 11N40_54 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6907.5954	53.96	21.08	74.00	20.04	111	359	Horizontal
2	6955.2978	44.35	21.37	54.00	9.65	152	68	Horizontal
3	10540.0000	51.52	-4.46	74.00	22.48	173	144	Horizontal
4	10540.0000	39.91	-4.46	54.00	14.09	141	144	Horizontal
5	15810.0000	51.85	-2.42	74.00	22.15	133	144	Horizontal
6	15810.0000	40.72	-2.42	54.00	13.28	206	342	Horizontal
7	17535.2268	46.70	0.80	54.00	7.30	200	144	Horizontal

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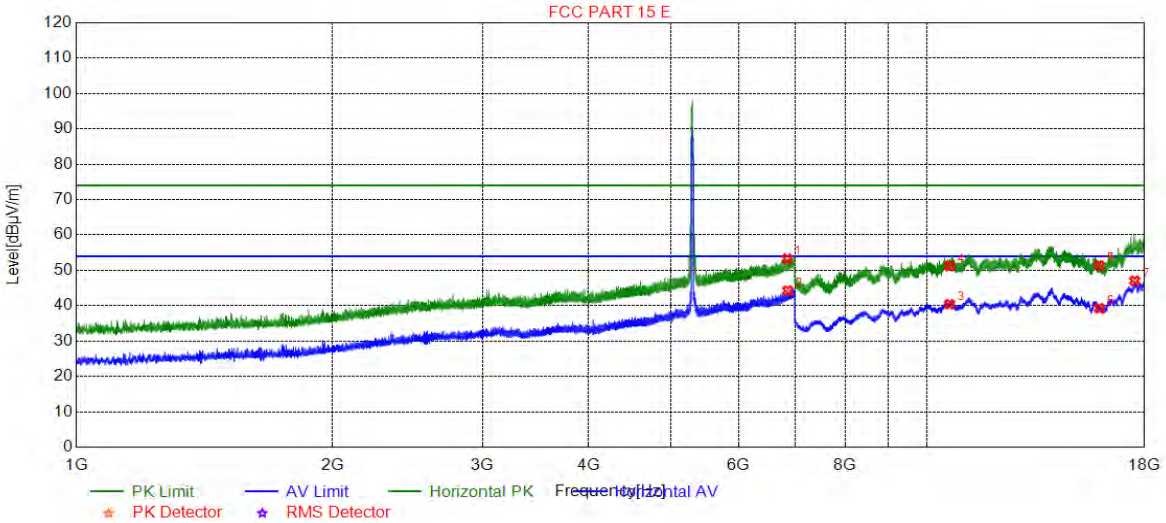
4.9.2.66 11N40_62 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6845.1923	53.27	20.85	74.00	20.73	124	317	Horizontal
2	6854.7927	44.28	20.89	54.00	9.72	119	360	Horizontal
3	10620.0000	40.41	-4.72	54.00	13.59	126	194	Horizontal
4	10620.0000	51.20	-4.72	74.00	22.80	202	95	Horizontal
5	15930.0000	51.35	-3.73	74.00	22.65	185	46	Horizontal
6	15930.0000	39.27	-3.73	54.00	14.73	104	342	Horizontal
7	17526.4263	47.03	0.69	54.00	6.97	149	95	Horizontal

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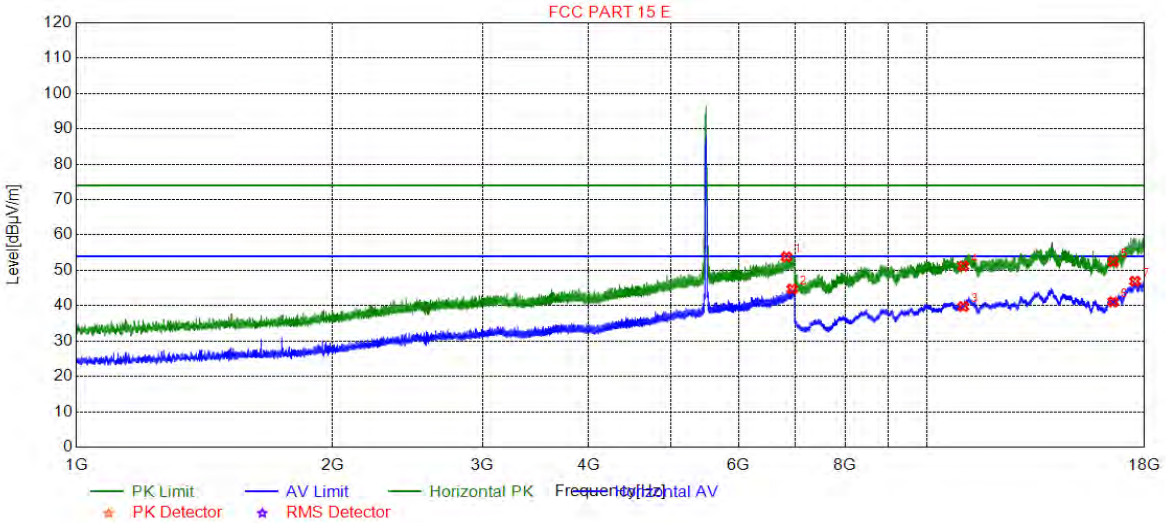
4.9.2.67 11N40_102 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6831.0916	53.81	20.81	74.00	20.19	115	166	Horizontal
2	6936.3968	44.71	21.26	54.00	9.29	240	18	Horizontal
3	11020.0000	39.75	-4.09	54.00	14.25	163	0	Horizontal
4	11020.0000	51.19	-4.09	74.00	22.81	205	293	Horizontal
5	16530.0000	52.42	-3.84	74.00	21.58	117	0	Horizontal
6	16530.0000	41.10	-3.84	54.00	12.90	241	144	Horizontal
7	17533.5767	46.91	0.78	54.00	7.09	226	342	Horizontal

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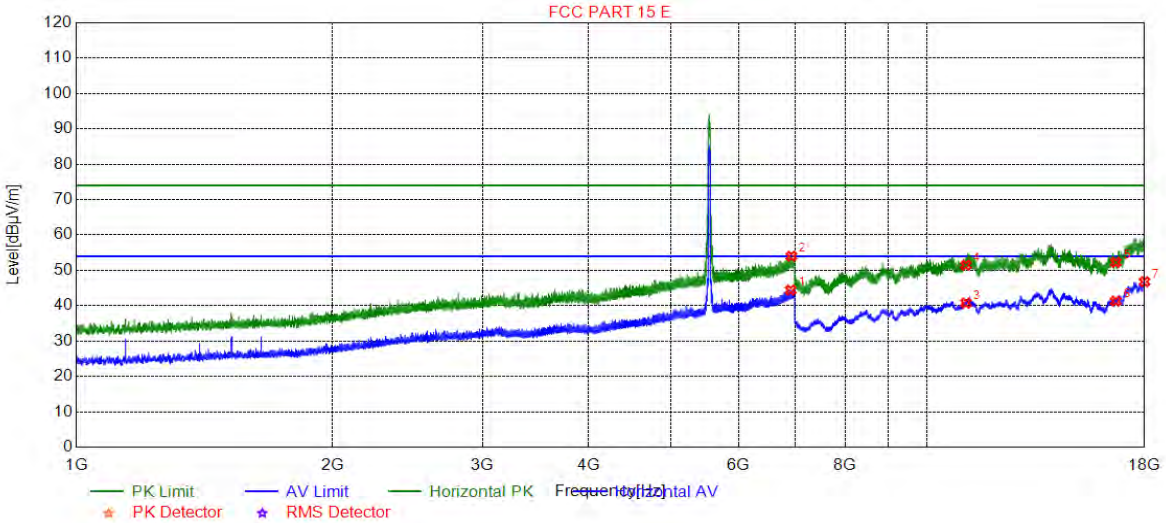
4.9.2.68 11N40_110 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6906.9954	44.42	21.07	54.00	9.58	113	292	Horizontal
2	6921.0961	54.00	21.16	74.00	20.00	110	182	Horizontal
3	11100.0000	40.73	-3.36	54.00	13.27	183	42	Horizontal
4	11100.0000	51.47	-3.36	74.00	22.53	185	293	Horizontal
5	16650.0000	52.25	-4.20	74.00	21.75	128	42	Horizontal
6	16650.0000	41.30	-4.20	54.00	12.70	218	0	Horizontal
7	18000.0000	46.78	-0.35	54.00	7.22	162	0	Horizontal

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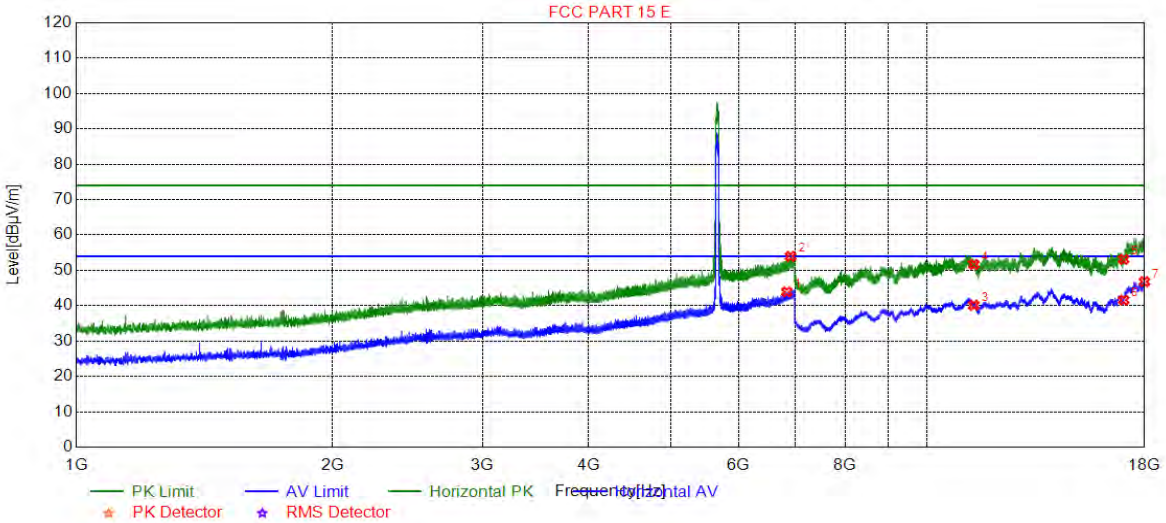
4.9.2.69 11N40_134 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6837.0919	43.91	20.83	54.00	10.09	236	0	Horizontal
2	6905.7953	53.95	21.07	74.00	20.05	209	342	Horizontal
3	11340.0000	40.13	-4.59	54.00	13.87	160	190	Horizontal
4	11340.0000	51.67	-4.59	74.00	22.33	123	140	Horizontal
5	17010.0000	53.13	-3.20	74.00	20.87	202	0	Horizontal
6	17010.0000	41.59	-3.20	54.00	12.41	110	36	Horizontal
7	17991.1996	46.79	-0.42	54.00	7.21	152	88	Horizontal

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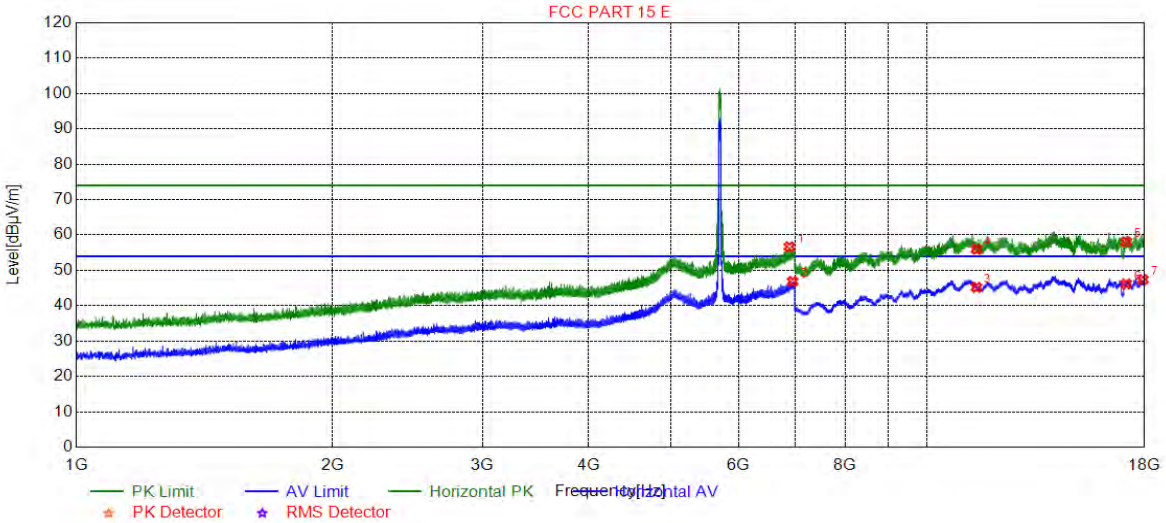
4.9.2.70 11N40_142 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.3943	56.66	24.43	74.00	17.34	138	41	Horizontal
2	6944.1972	46.85	24.96	54.00	7.15	242	41	Horizontal
3	11420.0000	45.19	2.99	54.00	8.81	211	41	Horizontal
4	11420.0000	55.99	2.99	74.00	18.01	187	41	Horizontal
5	17130.0000	58.09	1.88	74.00	15.91	197	291	Horizontal
6	17130.0000	46.16	1.88	54.00	7.84	124	342	Horizontal
7	17915.2958	47.39	2.54	54.00	6.61	254	142	Horizontal

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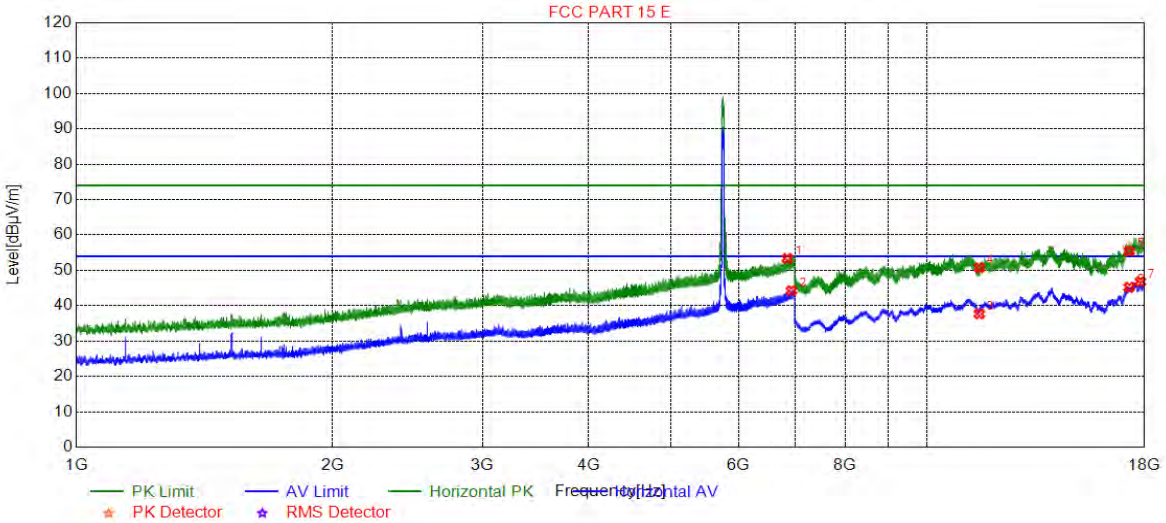
4.9.2.71 11N40_151 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6846.3923	53.36	20.86	74.00	20.64	223	0	Horizontal
2	6924.3962	44.26	21.18	54.00	9.74	114	141	Horizontal
3	11510.0000	37.70	-5.50	54.00	16.30	234	1	Horizontal
4	11510.0000	50.74	-5.50	74.00	23.26	217	342	Horizontal
5	17265.0000	55.42	-1.33	74.00	18.58	102	44	Horizontal
6	17265.0000	45.22	-1.33	54.00	8.78	103	342	Horizontal
7	17798.6899	46.79	-0.77	54.00	7.21	120	292	Horizontal

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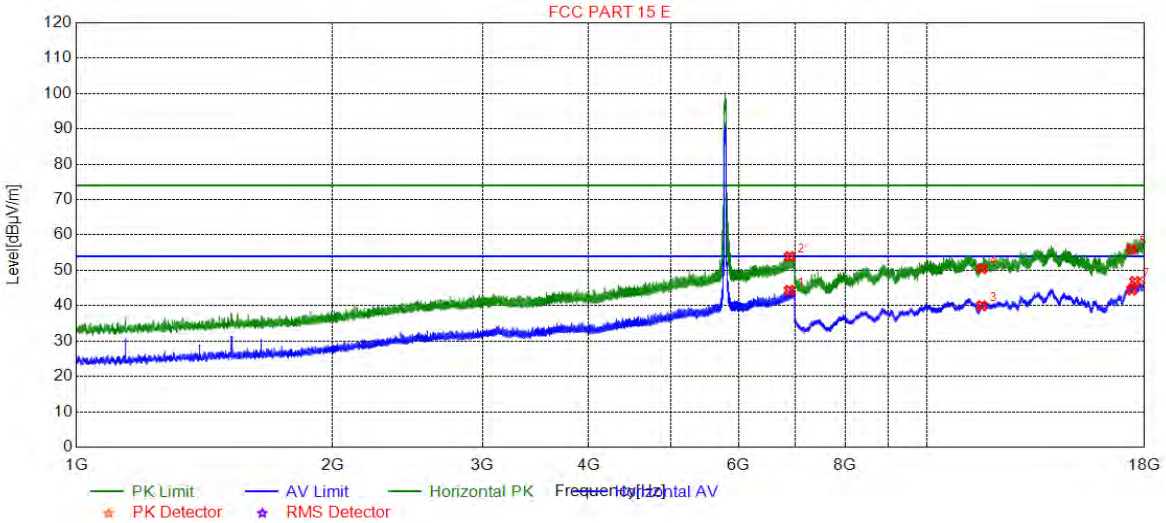
4.9.2.72 11N40_159 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.9943	44.34	20.99	54.00	9.66	201	0	Horizontal
2	6891.9946	53.88	21.00	74.00	20.12	217	142	Horizontal
3	11590.0000	40.01	-3.32	54.00	13.99	243	1	Horizontal
4	11590.0000	50.48	-3.32	74.00	23.52	145	1	Horizontal
5	17385.0000	55.95	-1.02	74.00	18.05	174	1	Horizontal
6	17385.0000	44.45	-1.02	54.00	9.55	103	45	Horizontal
7	17529.1765	46.83	0.72	54.00	7.17	172	193	Horizontal

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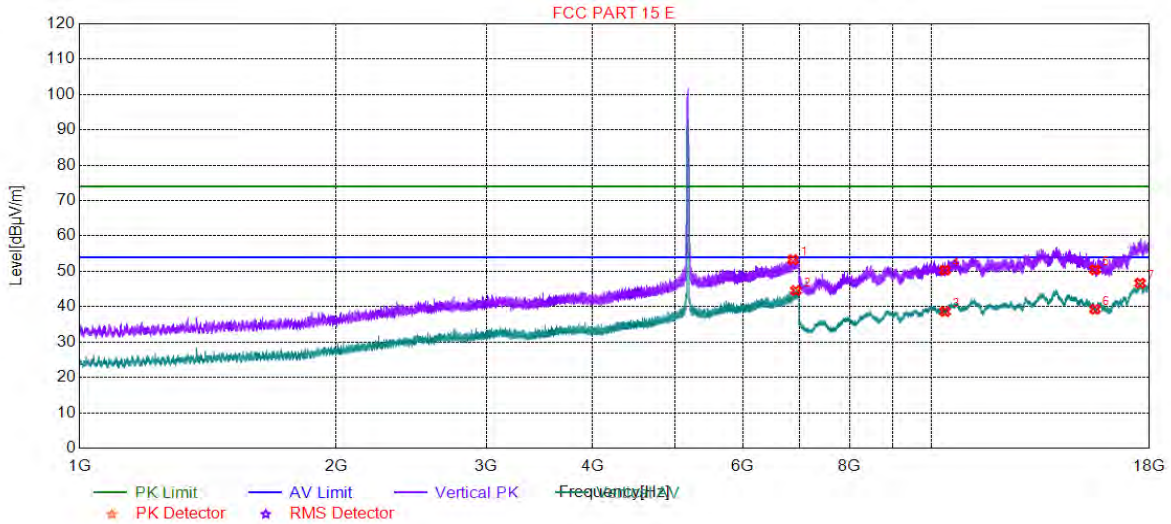
4.9.2.73 11AC20_36 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6869.4935	53.30	20.93	74.00	20.70	222	360	Vertical
2	6924.9963	44.56	21.18	54.00	9.44	249	360	Vertical
3	10360.0000	38.63	-5.35	54.00	15.37	289	117	Vertical
4	10360.0000	50.33	-5.35	74.00	23.67	177	359	Vertical
5	15540.0000	50.47	-3.26	74.00	23.53	283	314	Vertical
6	15540.0000	39.27	-3.26	54.00	14.73	259	166	Vertical
7	17547.8774	46.65	0.96	54.00	7.35	184	359	Vertical

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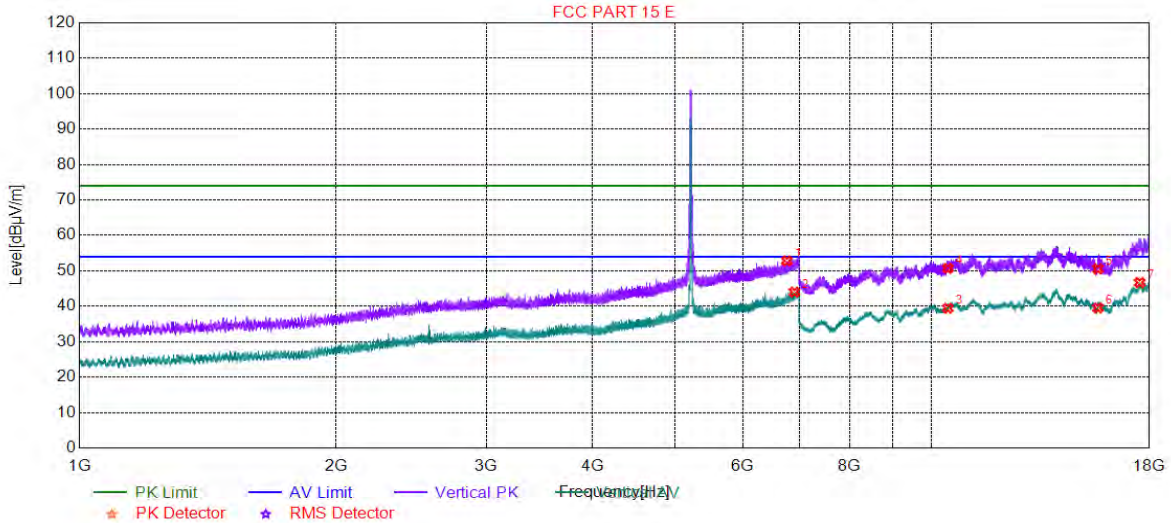
4.9.2.74 11AC20_44 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6758.7879	52.82	20.28	74.00	21.18	232	18	Vertical
2	6896.7948	44.00	21.02	54.00	10.00	197	118	Vertical
3	10440.0000	39.46	-4.92	54.00	14.54	281	221	Vertical
4	10440.0000	50.69	-4.92	74.00	23.31	295	274	Vertical
5	15660.0000	50.56	-3.54	74.00	23.44	195	360	Vertical
6	15660.0000	39.55	-3.54	54.00	14.45	163	323	Vertical
7	17529.1765	46.69	0.72	54.00	7.31	228	323	Vertical

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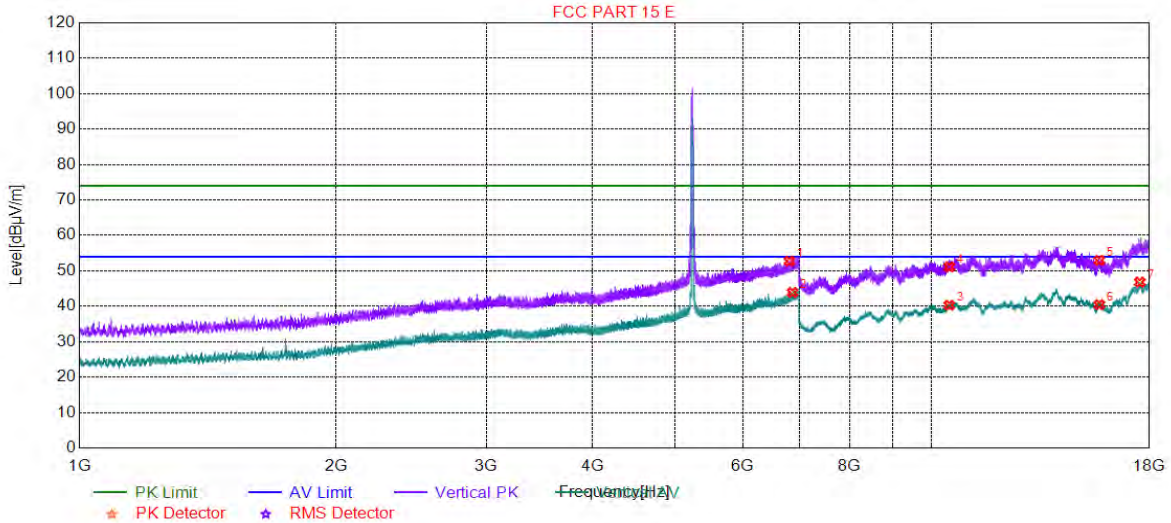
4.9.2.75 11AC20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6807.3904	52.75	20.73	74.00	21.25	175	18	Vertical
2	6861.6931	43.90	20.91	54.00	10.10	281	68	Vertical
3	10480.0000	40.29	-4.49	54.00	13.71	298	117	Vertical
4	10480.0000	51.12	-4.49	74.00	22.88	249	117	Vertical
5	15720.0000	52.96	-2.65	74.00	21.04	277	117	Vertical
6	15720.0000	40.46	-2.65	54.00	13.54	190	18	Vertical
7	17534.6767	46.80	0.79	54.00	7.20	154	360	Vertical

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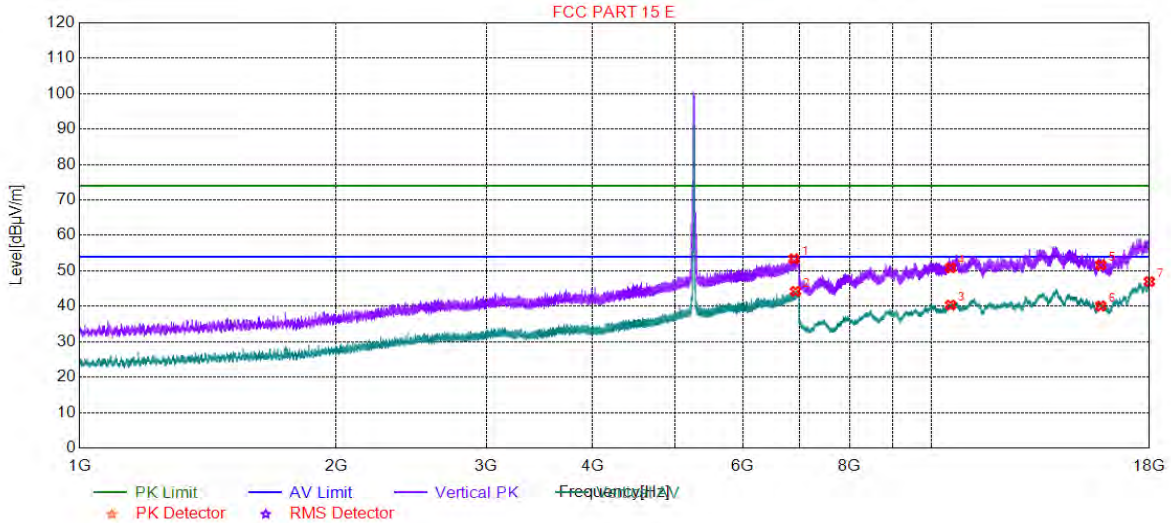
4.9.2.76 11AC20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6889.8945	53.37	21.00	74.00	20.63	156	68	Vertical
2	6920.4960	44.22	21.16	54.00	9.78	252	68	Vertical
3	10520.0000	40.33	-4.37	54.00	13.67	247	319	Vertical
4	10520.0000	50.86	-4.37	74.00	23.14	204	18	Vertical
5	15780.0000	51.64	-2.36	74.00	22.36	180	117	Vertical
6	15780.0000	40.07	-2.36	54.00	13.93	199	117	Vertical
7	17989.5495	46.95	-0.43	54.00	7.05	199	170	Vertical

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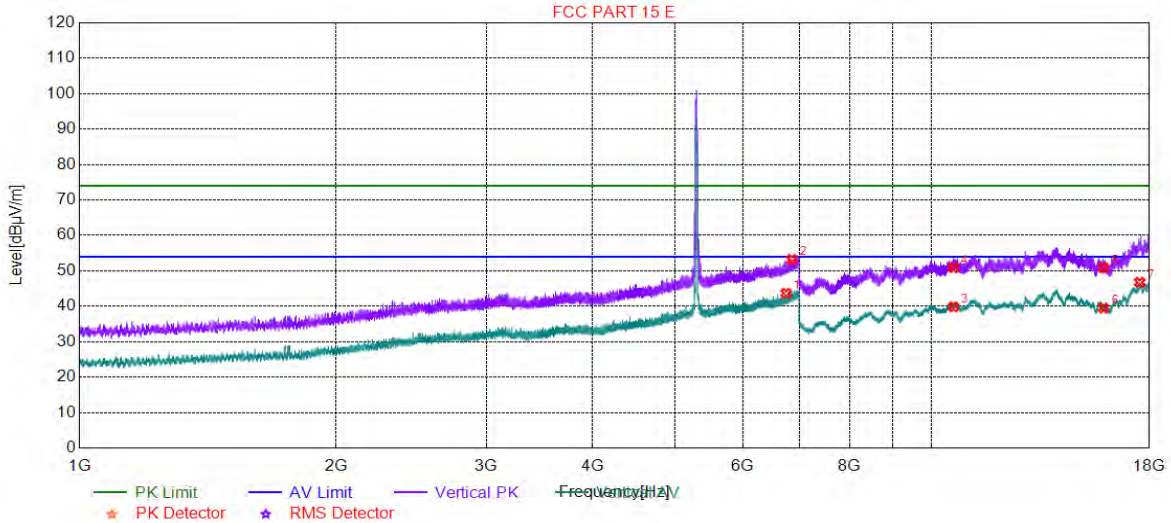
4.9.2.77 11AC20_60 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6746.1873	43.68	20.15	54.00	10.32	184	218	Vertical
2	6850.8925	53.20	20.87	74.00	20.80	200	218	Vertical
3	10600.0000	39.85	-4.75	54.00	14.15	231	168	Vertical
4	10600.0000	50.90	-4.75	74.00	23.10	158	324	Vertical
5	15900.0000	50.85	-3.75	74.00	23.15	155	18	Vertical
6	15900.0000	39.51	-3.75	54.00	14.49	156	274	Vertical
7	17528.0764	46.73	0.71	54.00	7.27	287	324	Vertical

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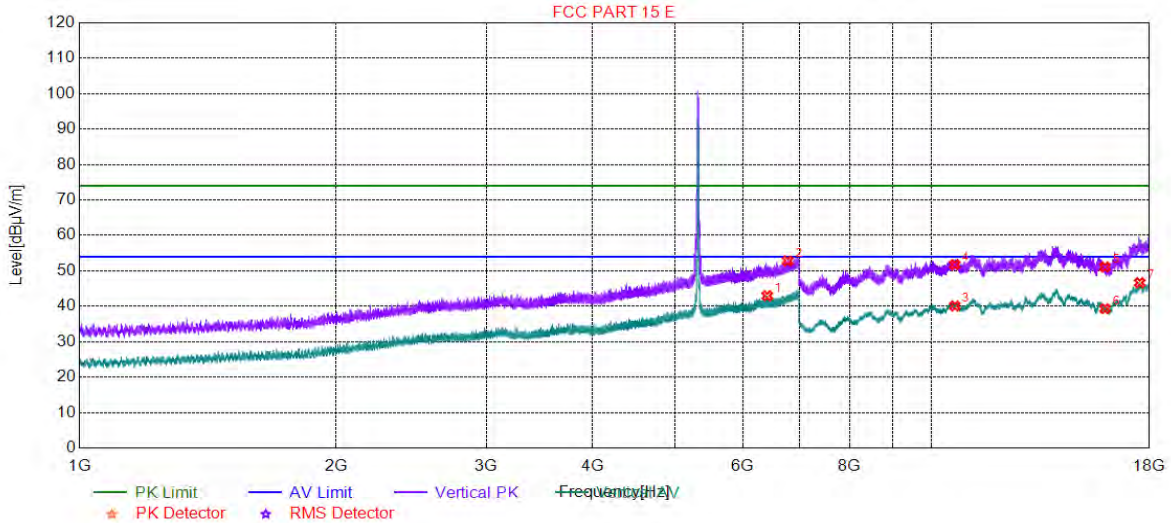
4.9.2.78 11AC20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6409.2705	42.96	19.13	54.00	11.04	170	268	Vertical
2	6772.2886	52.80	20.42	74.00	21.20	271	69	Vertical
3	10640.0000	40.08	-4.69	54.00	13.92	269	360	Vertical
4	10640.0000	51.74	-4.69	74.00	22.26	297	360	Vertical
5	15960.0000	51.07	-3.70	74.00	22.93	289	219	Vertical
6	15960.0000	39.33	-3.70	54.00	14.67	236	117	Vertical
7	17530.8265	46.65	0.74	54.00	7.35	247	117	Vertical

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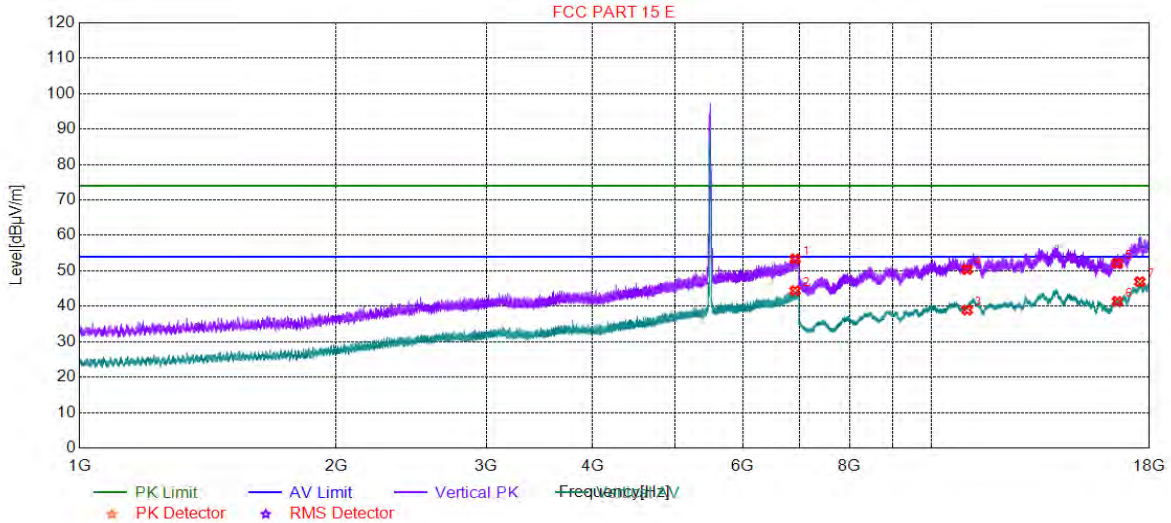
4.9.2.79 11AC20_100 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6910.5955	53.36	21.10	74.00	20.64	293	217	Vertical
2	6910.8955	44.39	21.10	54.00	9.61	261	217	Vertical
3	11000.0000	38.95	-4.28	54.00	15.05	164	215	Vertical
4	11000.0000	50.41	-4.28	74.00	23.59	221	116	Vertical
5	16500.0000	52.14	-3.62	74.00	21.86	230	314	Vertical
6	16500.0000	41.37	-3.62	54.00	12.63	216	314	Vertical
7	17533.5767	46.92	0.78	54.00	7.08	247	166	Vertical

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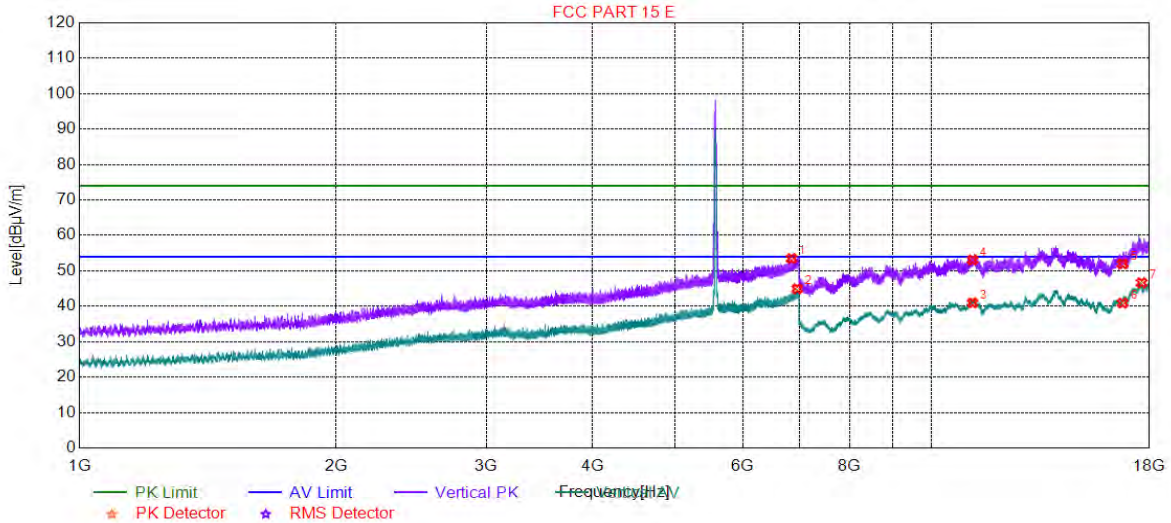
4.9.2.80 11AC20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6845.1923	53.48	20.85	74.00	20.52	179	118	Vertical
2	6949.5975	44.94	21.34	54.00	9.06	248	317	Vertical
3	11160.0000	40.96	-3.43	54.00	13.04	153	360	Vertical
4	11160.0000	53.09	-3.43	74.00	20.91	193	117	Vertical
5	16740.0000	51.97	-3.33	74.00	22.03	165	68	Vertical
6	16740.0000	40.89	-3.33	54.00	13.11	230	68	Vertical
7	17623.2312	46.63	1.03	54.00	7.37	219	18	Vertical

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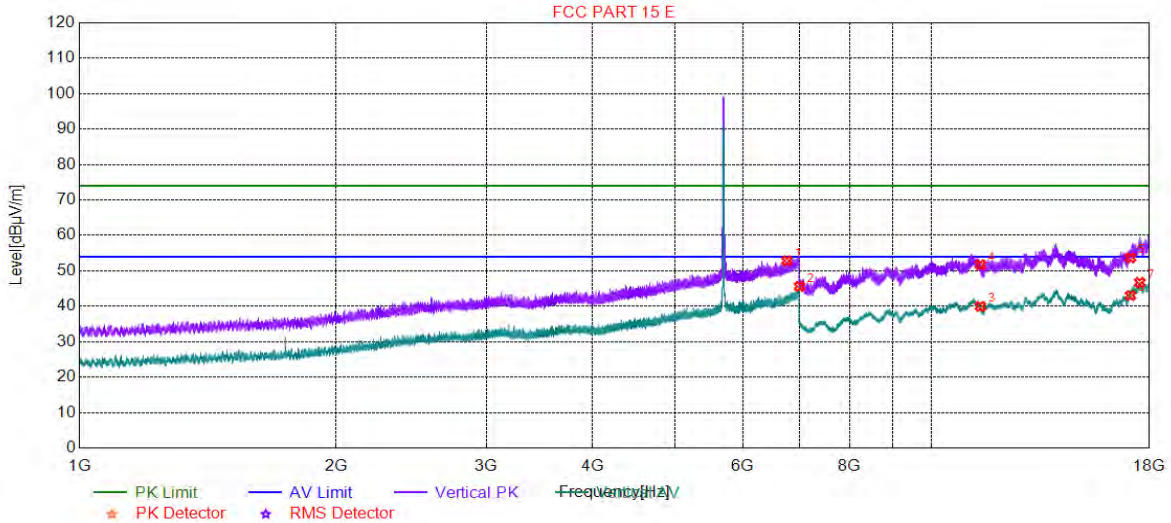
4.9.2.81 11AC20_140 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6759.9880	52.85	20.29	74.00	21.15	185	166	Vertical
2	6993.0997	45.61	21.61	54.00	8.39	164	166	Vertical
3	11400.0000	39.96	-4.42	54.00	14.04	208	68	Vertical
4	11400.0000	51.75	-4.42	74.00	22.25	268	18	Vertical
5	17100.0000	53.70	-3.09	74.00	20.30	293	266	Vertical
6	17100.0000	43.02	-3.09	54.00	10.98	215	18	Vertical
7	17532.4766	46.71	0.77	54.00	7.29	209	316	Vertical

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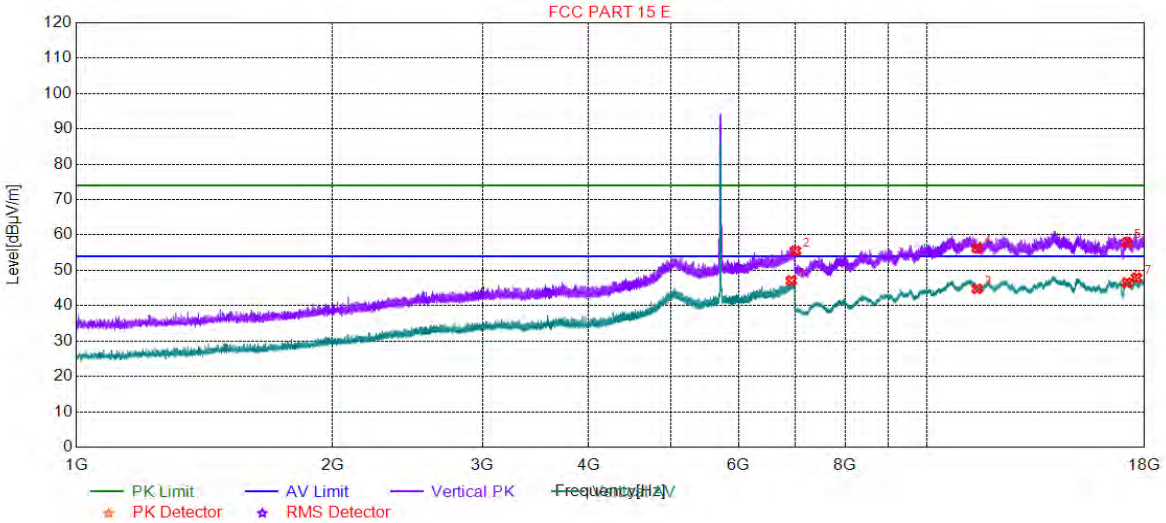
4.9.2.82 11AC20_144 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6919.8960	47.08	24.71	54.00	6.92	246	119	Vertical
2	6999.7000	55.53	24.76	74.00	18.47	232	270	Vertical
3	11440.0000	44.79	2.93	54.00	9.21	302	18	Vertical
4	11440.0000	56.30	2.93	74.00	17.70	128	219	Vertical
5	17160.0000	57.91	2.26	74.00	16.09	156	168	Vertical
6	17160.0000	46.50	2.26	54.00	7.50	325	118	Vertical
7	17606.1803	47.88	4.19	54.00	6.12	228	219	Vertical

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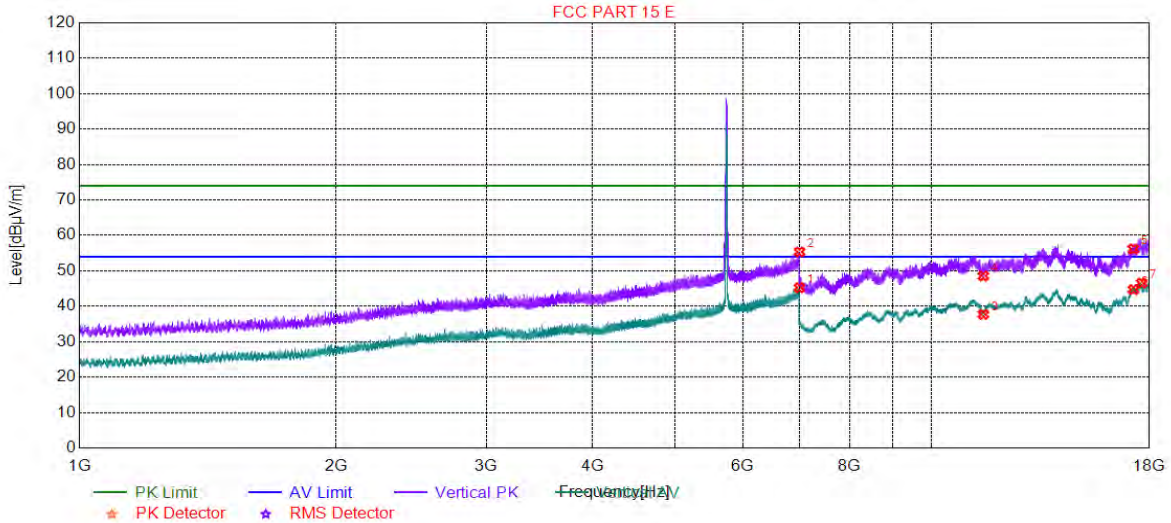
4.9.2.83 11AC20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.3995	45.22	21.59	54.00	8.78	244	118	Vertical
2	6993.9997	55.36	21.61	74.00	18.64	265	18	Vertical
3	11490.0000	37.72	-5.65	54.00	16.28	262	18	Vertical
4	11490.0000	48.53	-5.65	74.00	25.47	163	216	Vertical
5	17235.0000	56.17	-1.47	74.00	17.83	238	117	Vertical
6	17235.0000	44.71	-1.47	54.00	9.29	244	265	Vertical
7	17627.6314	46.56	0.91	54.00	7.44	154	18	Vertical

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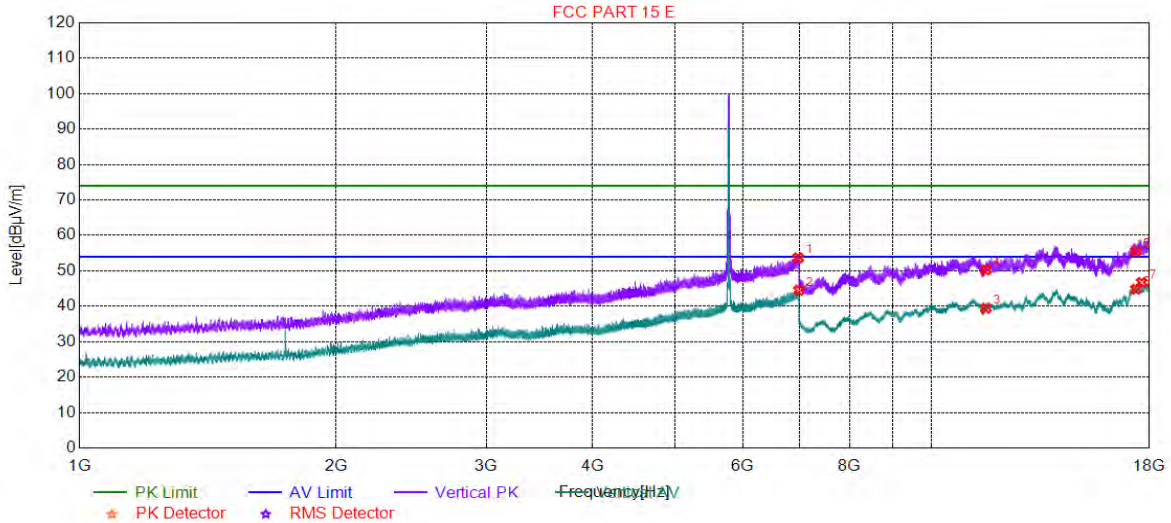
4.9.2.84 11AC20_157 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6967.8984	53.68	21.45	74.00	20.32	296	117	Vertical
2	6981.9991	44.49	21.54	54.00	9.51	158	217	Vertical
3	11570.0000	39.46	-3.87	54.00	14.54	265	360	Vertical
4	11570.0000	50.25	-3.87	74.00	23.75	182	123	Vertical
5	17355.0000	55.59	-1.07	74.00	18.41	231	222	Vertical
6	17355.0000	44.82	-1.07	54.00	9.18	157	222	Vertical
7	17622.6811	46.70	1.04	54.00	7.30	226	73	Vertical

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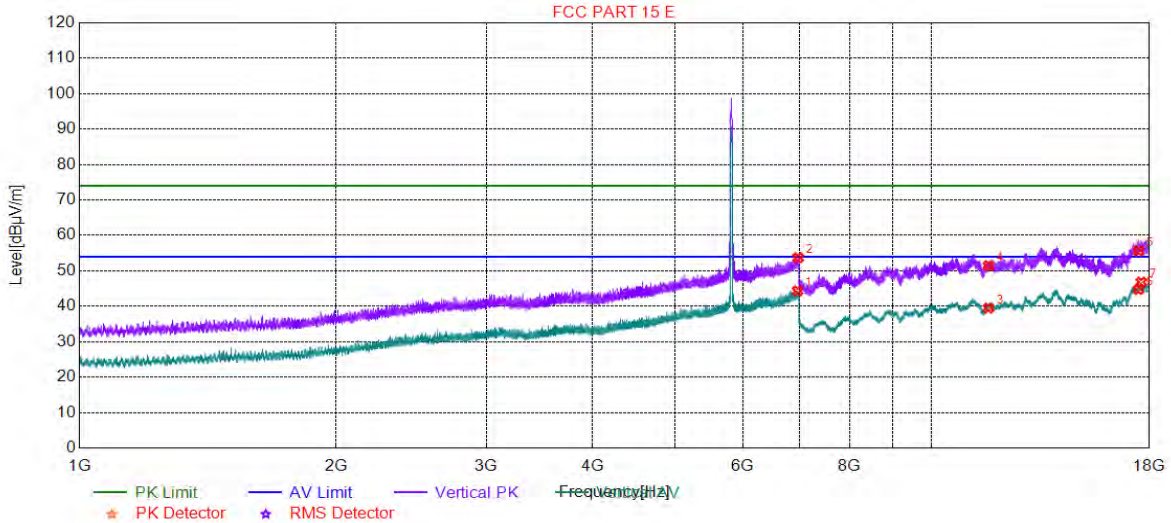
4.9.2.85 11AC20_165 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.0979	44.35	21.38	54.00	9.65	200	317	Vertical
2	6968.1984	53.72	21.45	74.00	20.28	150	267	Vertical
3	11650.0000	39.50	-3.16	54.00	14.50	155	359	Vertical
4	11650.0000	51.48	-3.16	74.00	22.52	265	68	Vertical
5	17475.0000	55.63	0.02	74.00	18.37	264	315	Vertical
6	17475.0000	44.71	0.02	54.00	9.29	297	167	Vertical
7	17603.9802	46.82	1.53	54.00	7.18	196	18	Vertical

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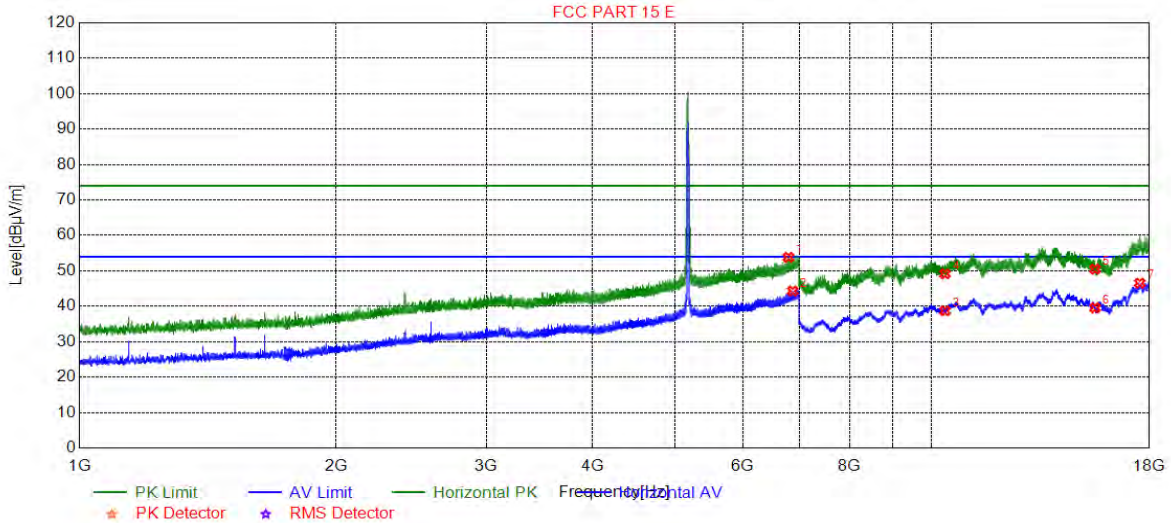
4.9.2.86 11AC20_36 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6786.9893	53.83	20.57	74.00	20.17	107	238	Horizontal
2	6864.0932	44.32	20.92	54.00	9.68	102	87	Horizontal
3	10360.0000	38.70	-5.35	54.00	15.30	132	44	Horizontal
4	10360.0000	49.15	-5.35	74.00	24.85	174	44	Horizontal
5	15540.0000	50.48	-3.26	74.00	23.52	196	193	Horizontal
6	15540.0000	39.56	-3.26	54.00	14.44	106	93	Horizontal
7	17533.0267	46.54	0.77	54.00	7.46	139	342	Horizontal

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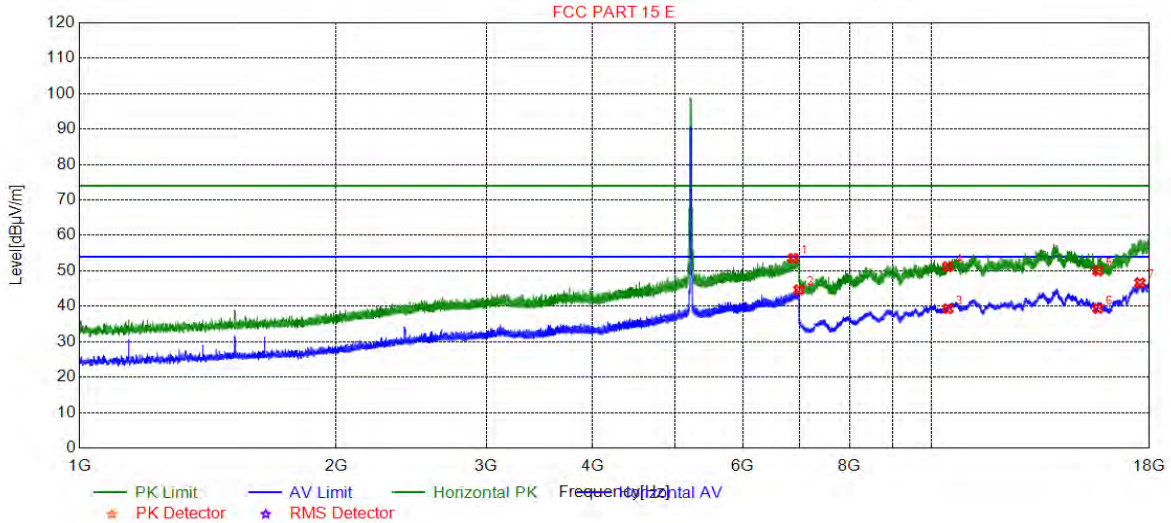
4.9.2.87 11AC20_44 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6875.7938	53.54	20.95	74.00	20.46	226	93	Horizontal
2	6983.7992	44.63	21.55	54.00	9.37	166	193	Horizontal
3	10440.0000	39.30	-4.92	54.00	14.70	210	0	Horizontal
4	10440.0000	51.17	-4.92	74.00	22.83	207	0	Horizontal
5	15660.0000	50.01	-3.54	74.00	23.99	201	243	Horizontal
6	15660.0000	39.39	-3.54	54.00	14.61	106	243	Horizontal
7	17538.5269	46.61	0.84	54.00	7.39	149	191	Horizontal

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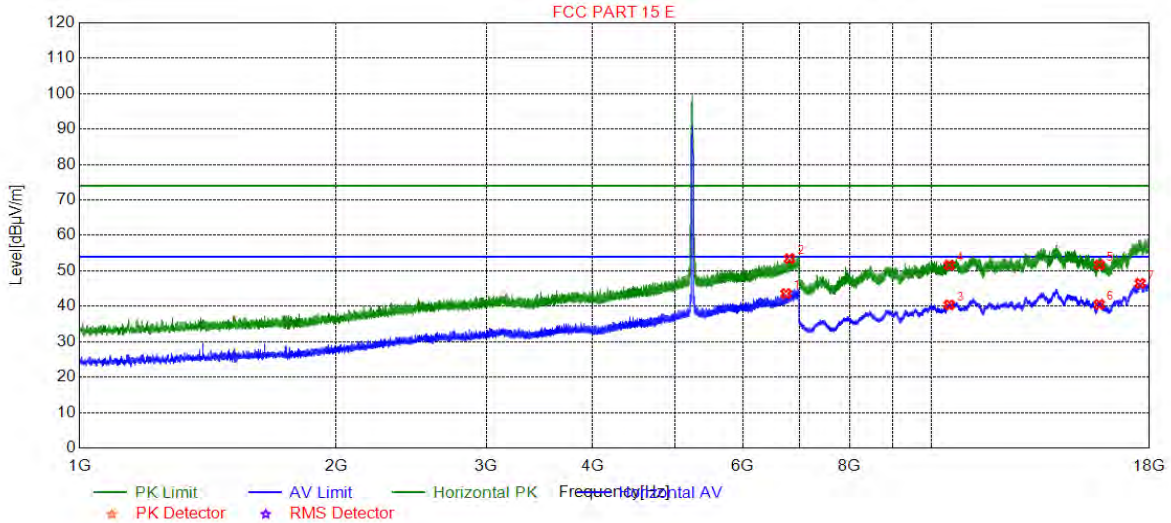
4.9.2.88 11AC20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6742.8871	43.58	20.12	54.00	10.42	153	292	Horizontal
2	6807.6904	53.43	20.73	74.00	20.57	157	238	Horizontal
3	10480.0000	40.38	-4.49	54.00	13.62	172	96	Horizontal
4	10480.0000	51.61	-4.49	74.00	22.39	164	46	Horizontal
5	15720.0000	51.67	-2.65	74.00	22.33	147	46	Horizontal
6	15720.0000	40.53	-2.65	54.00	13.47	232	96	Horizontal
7	17550.6275	46.47	1.00	54.00	7.53	152	194	Horizontal

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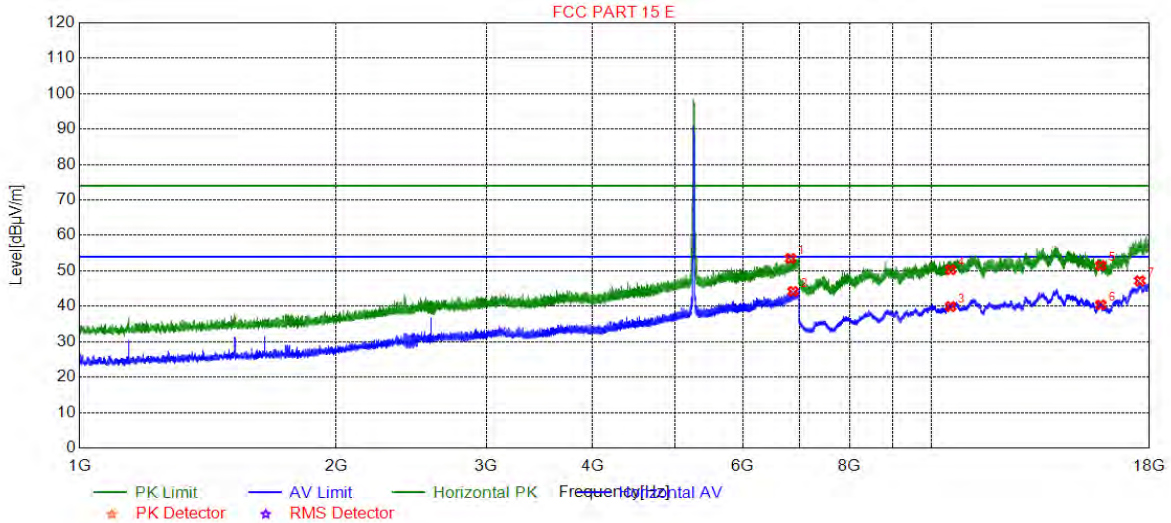
4.9.2.89 11AC20_52 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6826.2913	53.50	20.79	74.00	20.50	141	143	Horizontal
2	6871.8936	44.22	20.94	54.00	9.78	144	92	Horizontal
3	10520.0000	39.92	-4.37	54.00	14.08	225	42	Horizontal
4	10520.0000	50.29	-4.37	74.00	23.71	230	0	Horizontal
5	15780.0000	51.50	-2.36	74.00	22.50	114	342	Horizontal
6	15780.0000	40.39	-2.36	54.00	13.61	180	194	Horizontal
7	17536.3268	47.20	0.81	54.00	6.80	126	94	Horizontal

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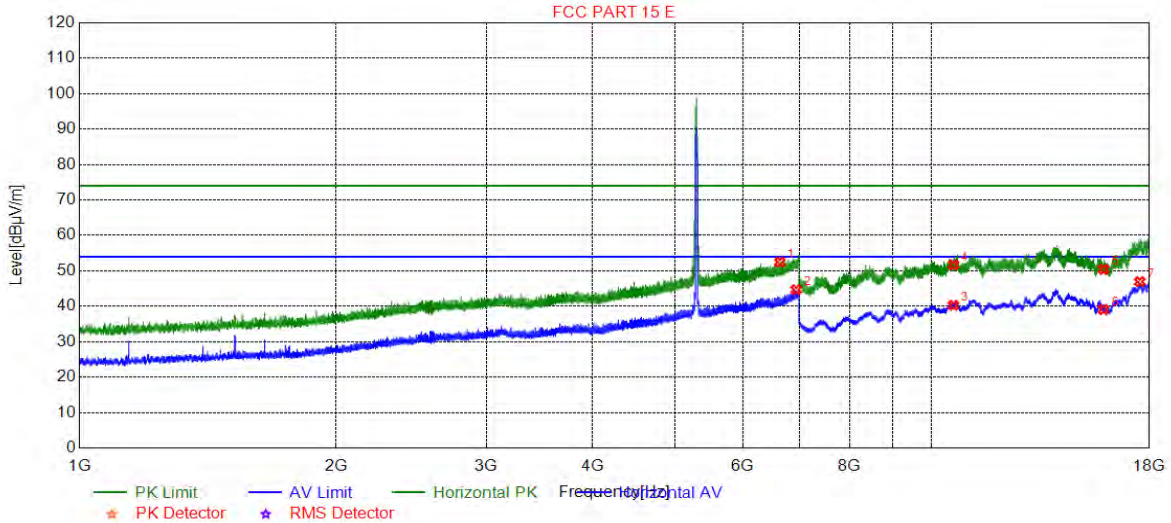
4.9.2.90 11AC20_60 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6632.1816	52.48	19.58	74.00	21.52	207	92	Horizontal
2	6930.9966	44.68	21.22	54.00	9.32	169	0	Horizontal
3	10600.0000	40.27	-4.75	54.00	13.73	184	143	Horizontal
4	10600.0000	51.71	-4.75	74.00	22.29	171	94	Horizontal
5	15900.0000	50.44	-3.75	74.00	23.56	159	1	Horizontal
6	15900.0000	39.07	-3.75	54.00	14.93	242	1	Horizontal
7	17535.2268	46.95	0.80	54.00	7.05	202	44	Horizontal

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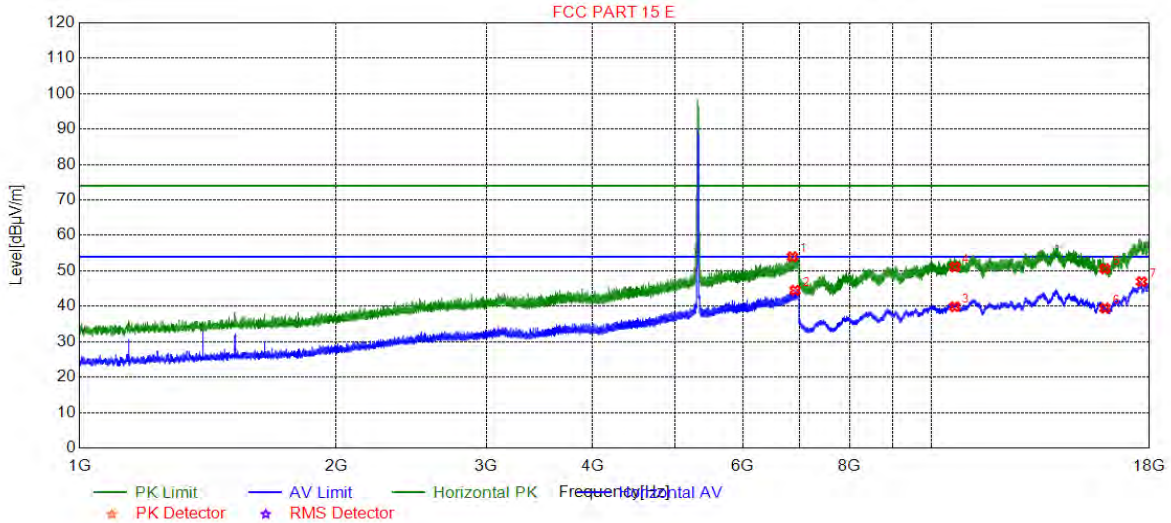
4.9.2.91 11AC20_64 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6861.6931	53.97	20.91	74.00	20.03	170	92	Horizontal
2	6909.6955	44.50	21.09	54.00	9.50	127	242	Horizontal
3	10640.0000	39.87	-4.69	54.00	14.13	162	342	Horizontal
4	10640.0000	51.10	-4.69	74.00	22.90	169	93	Horizontal
5	15960.0000	50.57	-3.70	74.00	23.43	184	342	Horizontal
6	15960.0000	39.49	-3.70	54.00	14.51	242	43	Horizontal
7	17622.6811	46.94	1.04	54.00	7.06	116	243	Horizontal

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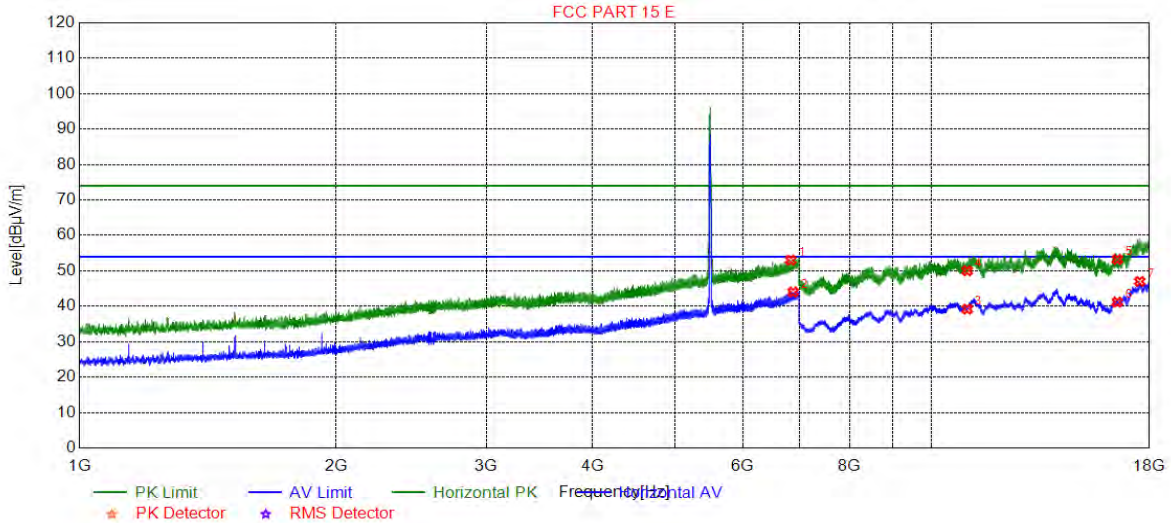
4.9.2.92 11AC20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6828.9915	53.05	20.80	74.00	20.95	162	292	Horizontal
2	6872.1936	44.02	20.94	54.00	9.98	227	191	Horizontal
3	11000.0000	39.21	-4.28	54.00	14.79	249	194	Horizontal
4	11000.0000	50.02	-4.28	74.00	23.98	187	292	Horizontal
5	16500.0000	53.24	-3.62	74.00	20.76	208	42	Horizontal
6	16500.0000	41.18	-3.62	54.00	12.82	245	0	Horizontal
7	17531.3766	47.00	0.75	54.00	7.00	206	194	Horizontal

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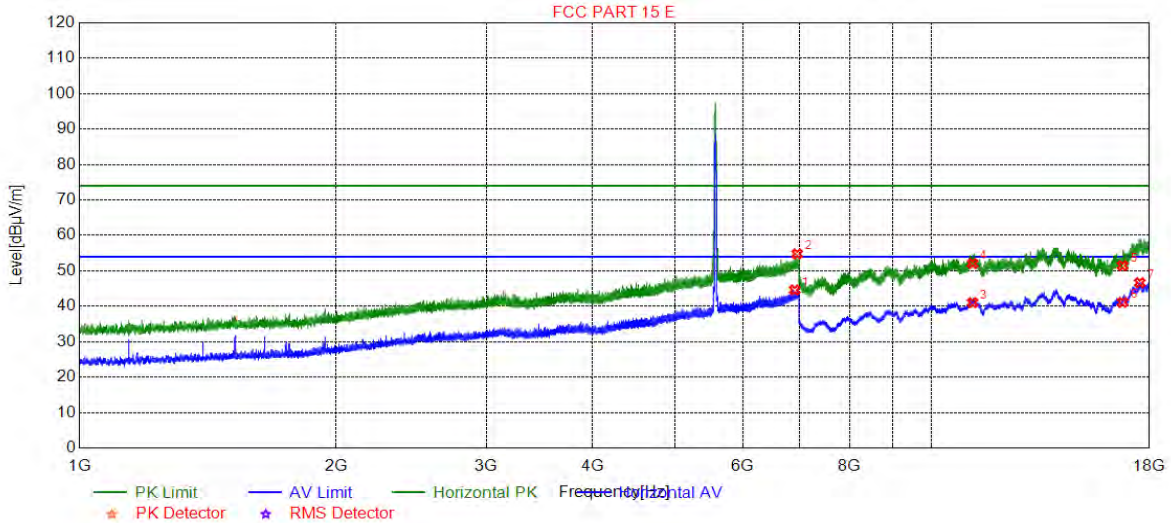
4.9.2.93 11AC20_116 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6901.2951	44.59	21.04	54.00	9.41	118	88	Horizontal
2	6949.5975	54.79	21.34	74.00	19.21	168	239	Horizontal
3	11160.0000	41.04	-3.43	54.00	12.96	121	94	Horizontal
4	11160.0000	52.07	-3.43	74.00	21.93	230	292	Horizontal
5	16740.0000	51.45	-3.33	74.00	22.55	161	94	Horizontal
6	16740.0000	41.11	-3.33	54.00	12.89	115	94	Horizontal
7	17535.2268	46.64	0.80	54.00	7.36	199	242	Horizontal

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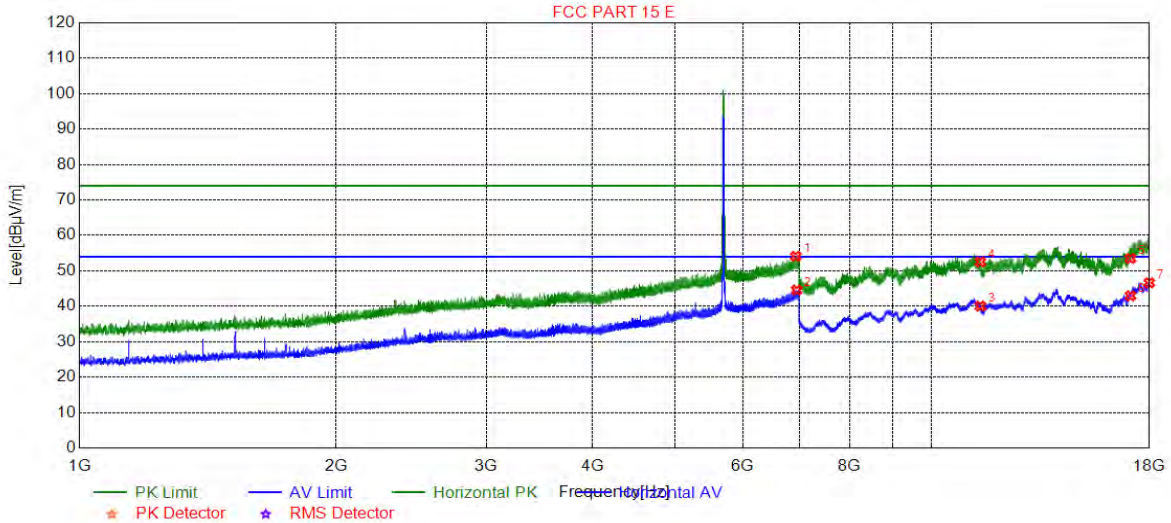
4.9.2.94 11AC20_140 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.0962	54.10	21.18	74.00	19.90	248	0	Horizontal
2	6939.3970	44.55	21.27	54.00	9.45	144	93	Horizontal
3	11400.0000	40.05	-4.42	54.00	13.95	193	244	Horizontal
4	11400.0000	52.56	-4.42	74.00	21.44	182	92	Horizontal
5	17100.0000	53.49	-3.09	74.00	20.51	167	342	Horizontal
6	17100.0000	42.95	-3.09	54.00	11.05	137	144	Horizontal
7	17989.5495	46.62	-0.43	54.00	7.38	221	92	Horizontal

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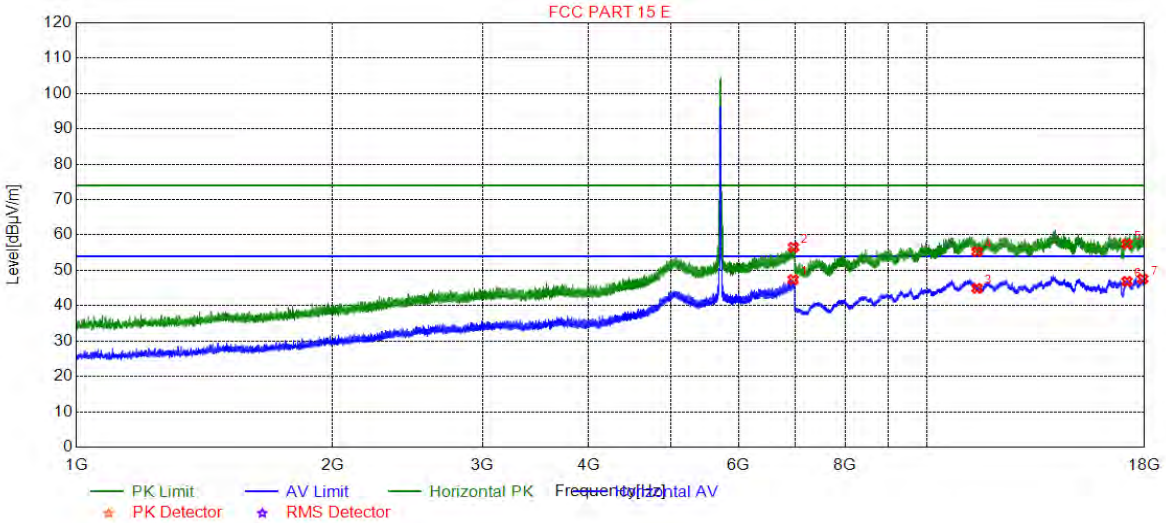
4.9.2.95 11AC20_144 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.3977	47.37	25.00	54.00	6.63	186	292	Horizontal
2	6960.9981	56.55	24.97	74.00	17.45	264	292	Horizontal
3	11440.0000	44.93	2.93	54.00	9.07	235	342	Horizontal
4	11440.0000	55.28	2.93	74.00	18.72	211	191	Horizontal
5	17160.0000	57.47	2.26	74.00	16.53	148	142	Horizontal
6	17160.0000	46.86	2.26	54.00	7.14	163	191	Horizontal
7	17906.4953	47.59	2.63	54.00	6.41	128	142	Horizontal

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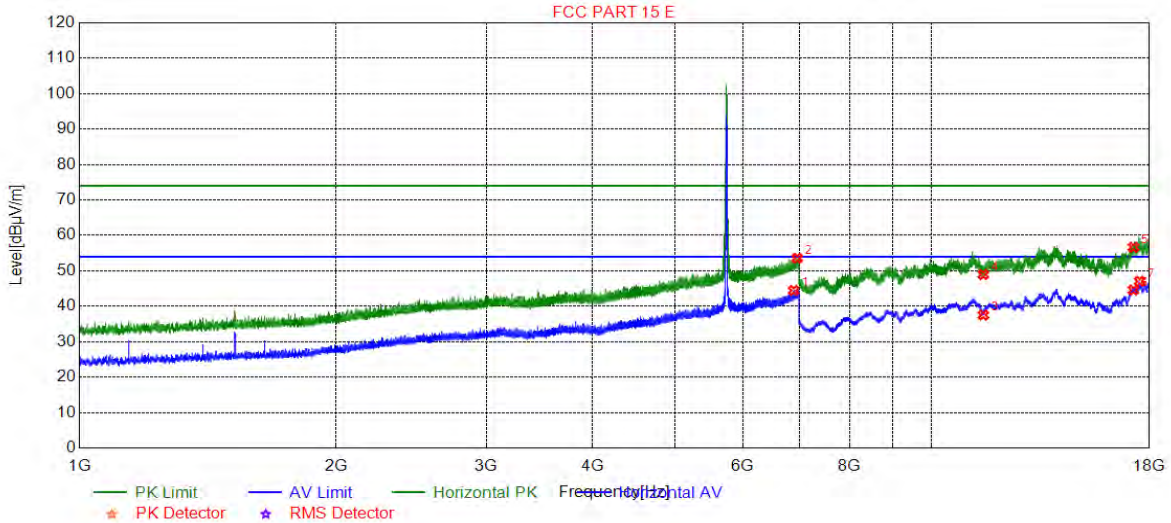
4.9.2.96 11AC20_149 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.3943	44.47	20.98	54.00	9.53	207	90	Horizontal
2	6949.5975	53.57	21.34	74.00	20.43	231	292	Horizontal
3	11490.0000	37.51	-5.65	54.00	16.49	134	190	Horizontal
4	11490.0000	48.97	-5.65	74.00	25.03	168	243	Horizontal
5	17235.0000	56.65	-1.47	74.00	17.35	147	40	Horizontal
6	17235.0000	44.56	-1.47	54.00	9.44	129	342	Horizontal
7	17530.2765	47.08	0.74	54.00	6.92	142	0	Horizontal

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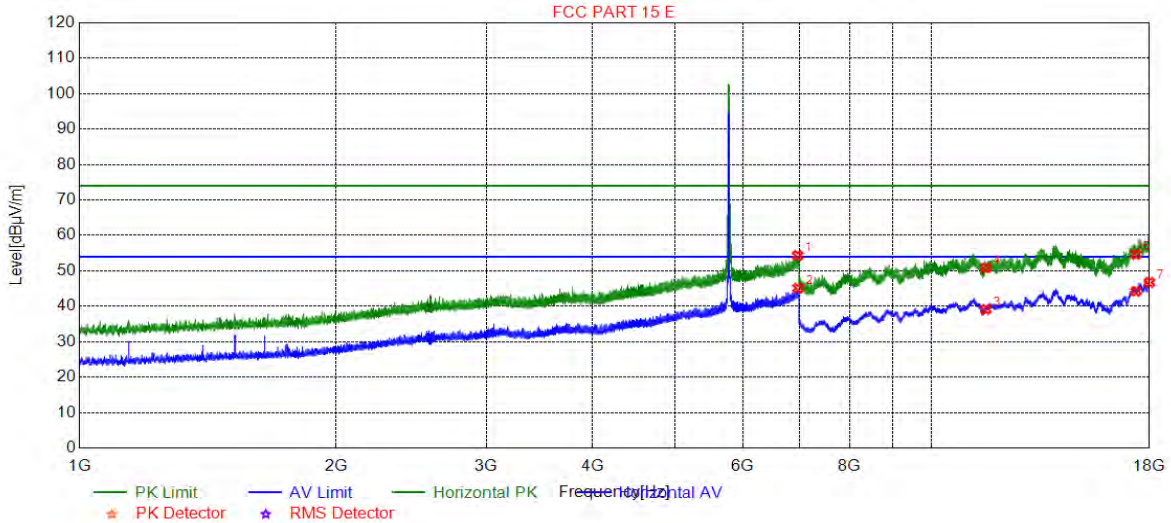
4.9.2.97 11AC20_157 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.6979	54.34	21.39	74.00	19.66	167	193	Horizontal
2	6969.3985	45.11	21.46	54.00	8.89	172	243	Horizontal
3	11570.0000	39.12	-3.87	54.00	14.88	100	191	Horizontal
4	11570.0000	50.81	-3.87	74.00	23.19	152	92	Horizontal
5	17355.0000	54.63	-1.07	74.00	19.37	230	142	Horizontal
6	17355.0000	44.24	-1.07	54.00	9.76	220	191	Horizontal
7	17995.0498	46.72	-0.39	54.00	7.28	149	43	Horizontal

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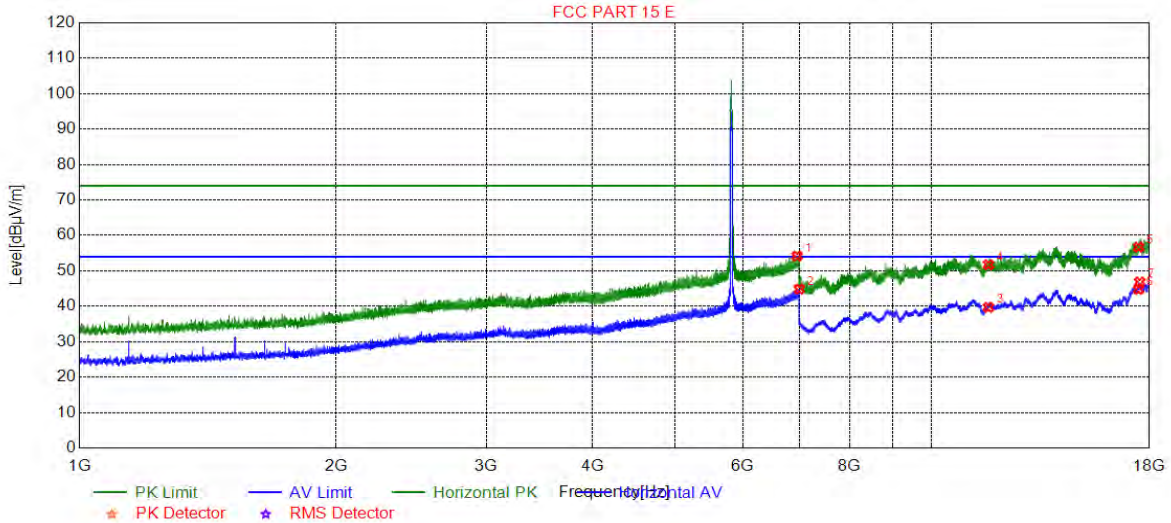
4.9.2.98 11AC20_165 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6948.0974	54.19	21.33	74.00	19.81	205	242	Horizontal
2	6988.8994	44.86	21.58	54.00	9.14	142	242	Horizontal
3	11650.0000	39.70	-3.16	54.00	14.30	142	144	Horizontal
4	11650.0000	51.74	-3.16	74.00	22.26	198	243	Horizontal
5	17475.0000	56.69	0.02	74.00	17.31	124	342	Horizontal
6	17475.0000	44.76	0.02	54.00	9.24	223	1	Horizontal
7	17532.4766	46.84	0.77	54.00	7.16	116	292	Horizontal

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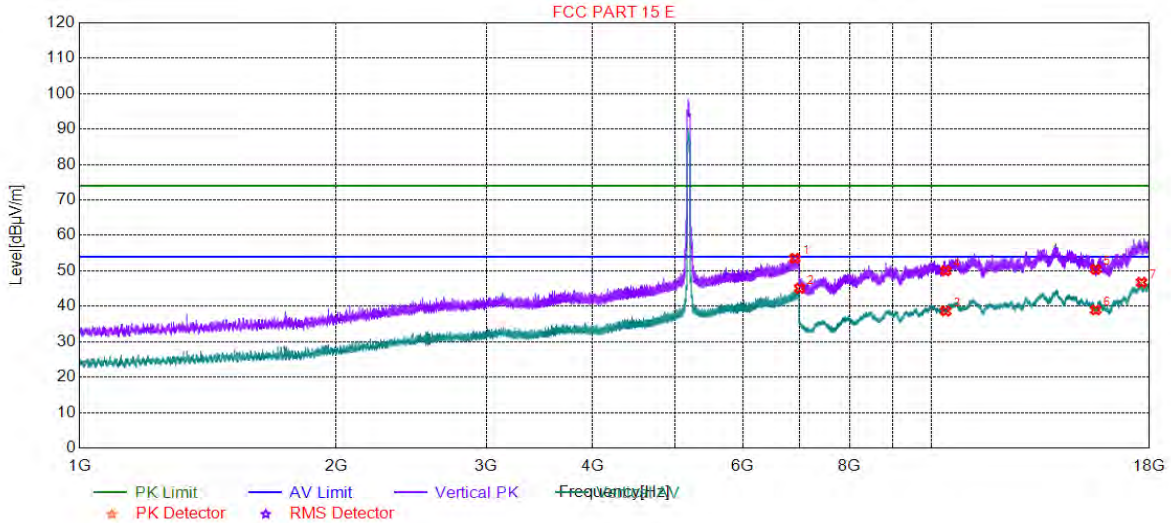
4.9.2.99 11AC40_38 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6905.1953	53.51	21.06	74.00	20.49	239	18	Vertical
2	6996.0998	45.05	21.63	54.00	8.95	251	167	Vertical
3	10380.0000	38.64	-5.36	54.00	15.36	180	359	Vertical
4	10380.0000	50.03	-5.36	74.00	23.97	177	116	Vertical
5	15570.0000	50.44	-4.02	74.00	23.56	267	267	Vertical
6	15570.0000	38.98	-4.02	54.00	15.02	273	216	Vertical
7	17619.9310	46.72	1.11	54.00	7.28	220	116	Vertical

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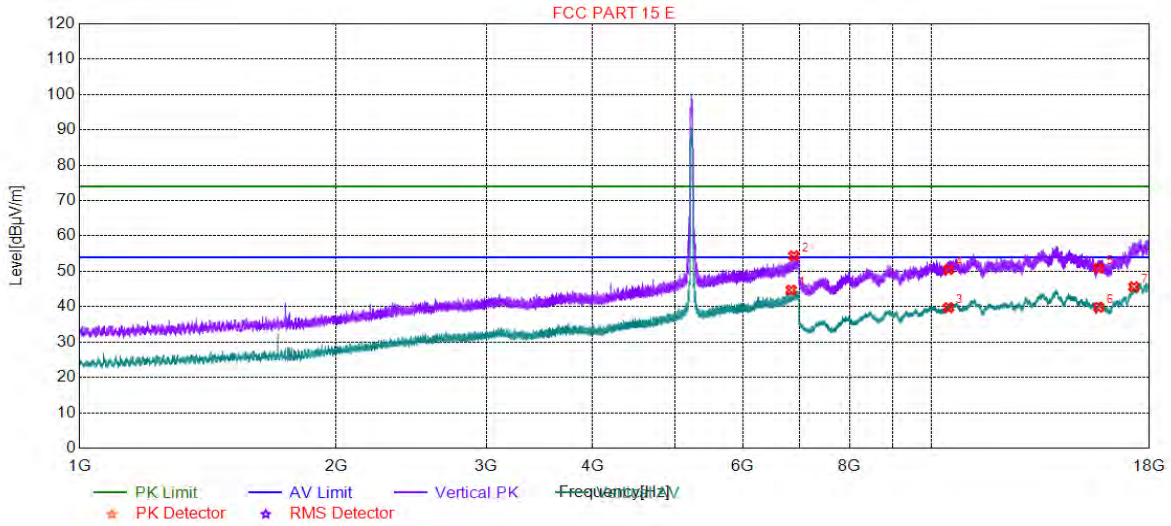
4.9.2.100 11AC40_46 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6837.6919	44.70	20.83	54.00	9.30	197	18	Vertical
2	6888.0944	54.40	20.99	74.00	19.60	238	18	Vertical
3	10460.0000	39.77	-4.70	54.00	14.23	201	314	Vertical
4	10460.0000	50.51	-4.70	74.00	23.49	251	359	Vertical
5	15690.0000	50.89	-2.93	74.00	23.11	152	118	Vertical
6	15690.0000	39.82	-2.93	54.00	14.18	290	266	Vertical
7	17256.3628	45.62	-1.38	54.00	8.38	191	314	Vertical

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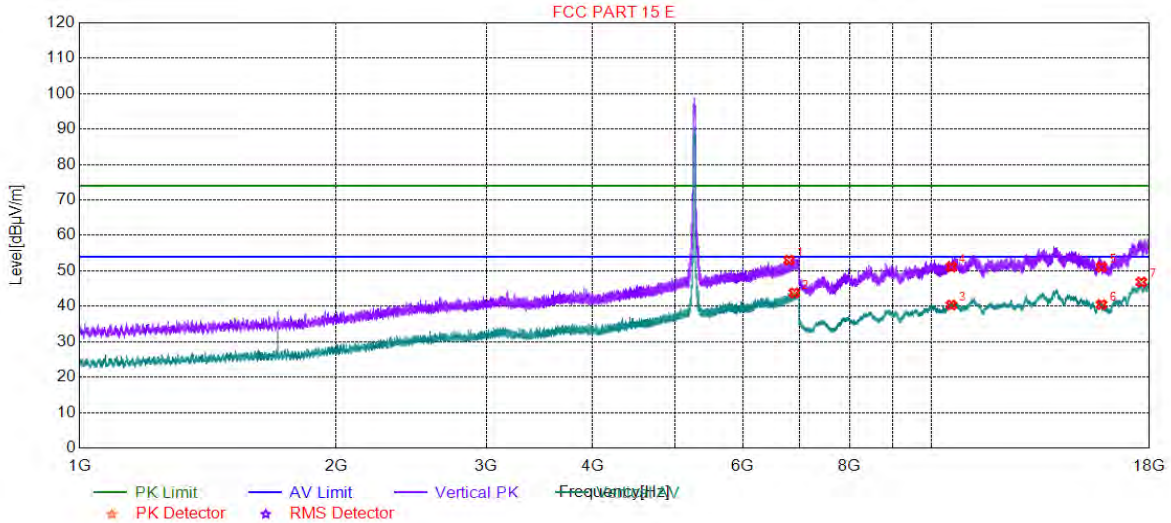
4.9.2.101 11AC40_54 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6799.2900	53.02	20.70	74.00	20.98	264	128	Vertical
2	6895.2948	43.79	21.01	54.00	10.21	238	178	Vertical
3	10540.0000	40.34	-4.46	54.00	13.66	207	117	Vertical
4	10540.0000	51.12	-4.46	74.00	22.88	171	18	Vertical
5	15810.0000	51.08	-2.42	74.00	22.92	203	117	Vertical
6	15810.0000	40.46	-2.42	54.00	13.54	236	216	Vertical
7	17609.4805	46.82	1.38	54.00	7.18	288	315	Vertical

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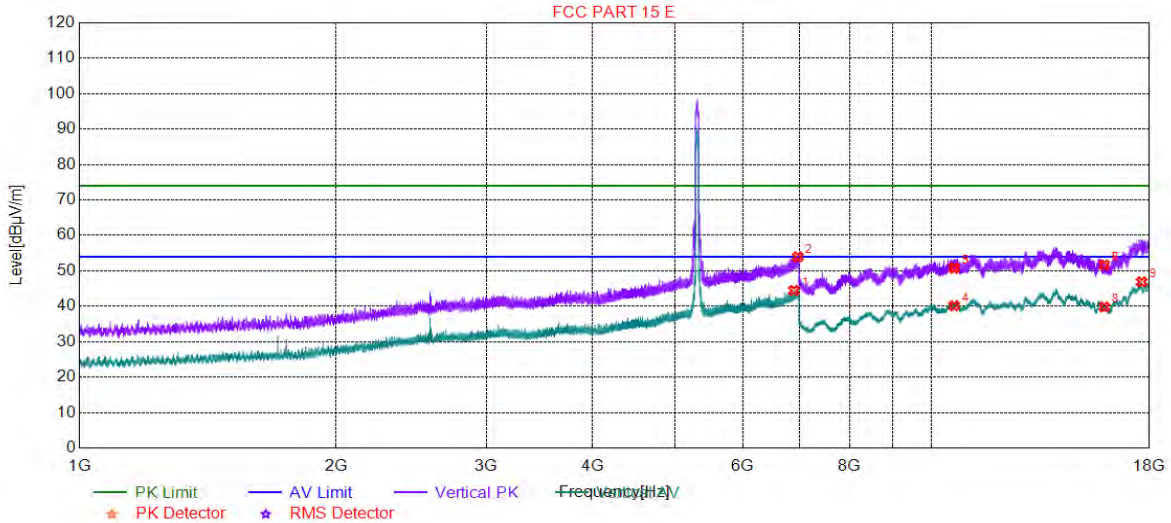
4.9.2.102 11AC40_62 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6888.3944	44.47	20.99	54.00	9.53	180	118	Vertical
2	6963.0982	53.94	21.42	74.00	20.06	238	168	Vertical
3	10620.0000	50.79	-4.72	74.00	23.21	221	68	Vertical
4	10620.0000	40.14	-4.72	54.00	13.86	231	264	Vertical
5	10620.0000	50.79	-4.72	74.00	23.21	191	68	Vertical
6	15930.0000	51.68	-3.73	74.00	22.32	178	166	Vertical
7	15930.0000	51.68	-3.73	74.00	22.32	247	166	Vertical
8	15930.0000	39.82	-3.73	54.00	14.18	180	18	Vertical
9	17625.4313	46.88	0.97	54.00	7.12	248	358	Vertical

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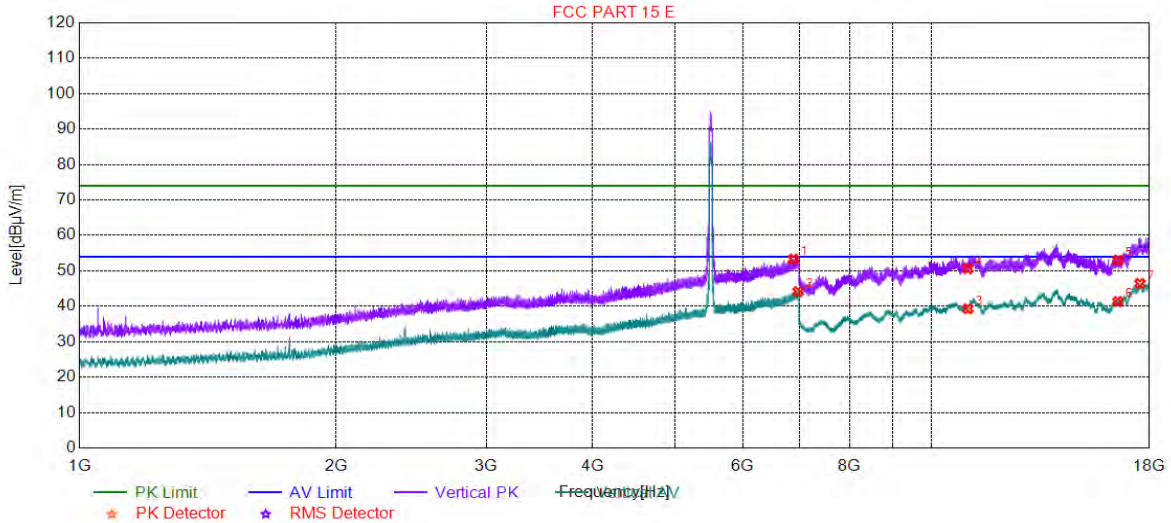
4.9.2.103 11AC40_102 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6880.5940	53.32	20.97	74.00	20.68	250	360	Vertical
2	6966.3983	44.14	21.44	54.00	9.86	281	68	Vertical
3	11020.0000	39.30	-4.09	54.00	14.70	272	166	Vertical
4	11020.0000	50.63	-4.09	74.00	23.37	283	68	Vertical
5	16530.0000	53.04	-3.84	74.00	20.96	269	68	Vertical
6	16530.0000	41.35	-3.84	54.00	12.65	183	265	Vertical
7	17540.1770	46.46	0.86	54.00	7.54	199	216	Vertical

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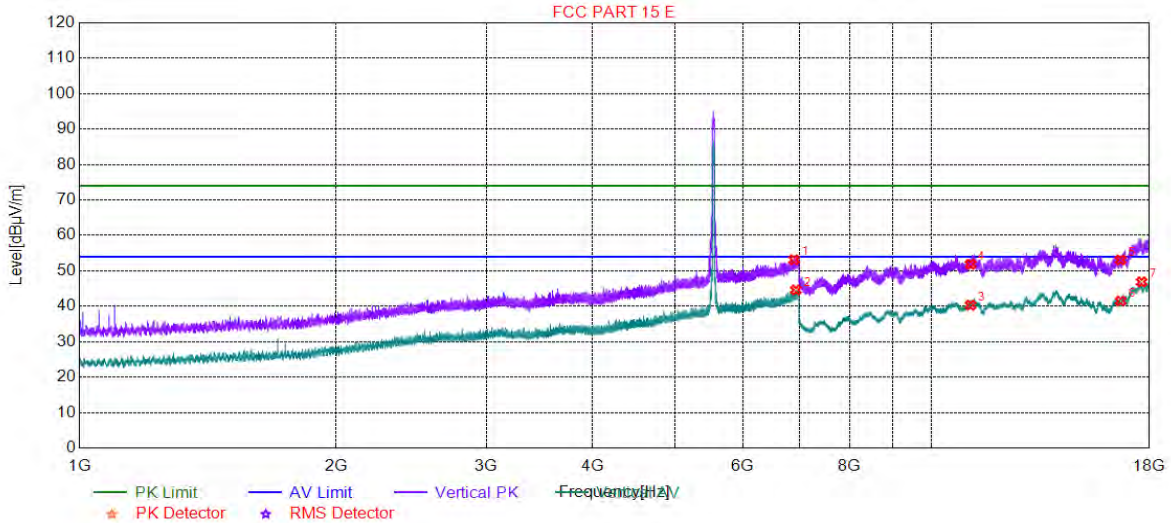
4.9.2.104 11AC40_110 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6893.1947	53.14	21.01	74.00	20.86	253	168	Vertical
2	6925.5963	44.60	21.19	54.00	9.40	187	218	Vertical
3	11100.0000	40.29	-3.36	54.00	13.71	280	167	Vertical
4	11100.0000	51.87	-3.36	74.00	22.13	268	266	Vertical
5	16650.0000	53.08	-4.20	74.00	20.92	297	117	Vertical
6	16650.0000	41.50	-4.20	54.00	12.50	193	18	Vertical
7	17622.6811	46.88	1.04	54.00	7.12	254	18	Vertical

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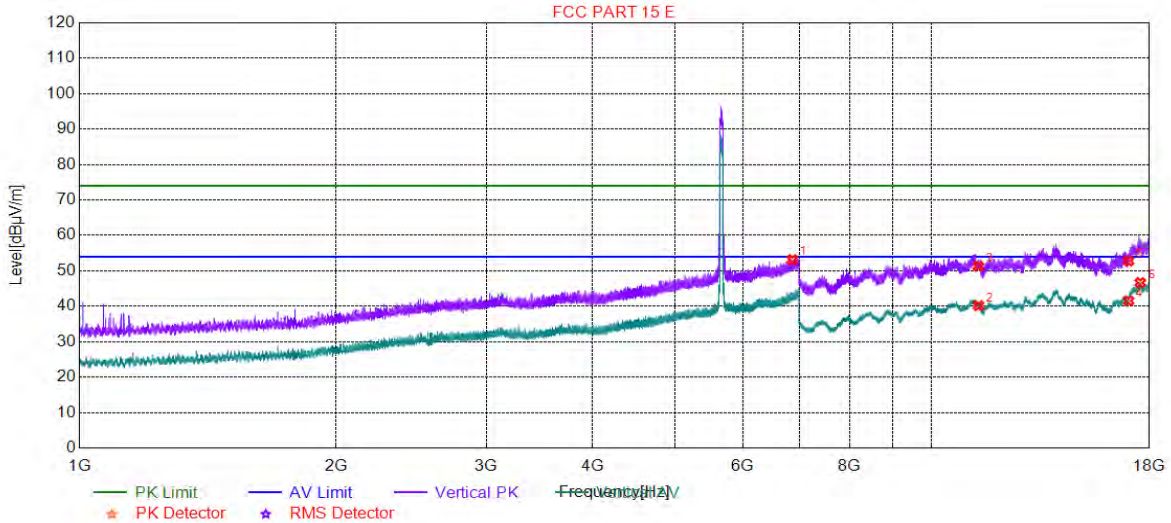
4.9.2.105 11AC40_134 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6859.5930	53.18	20.90	74.00	20.82	287	268	Vertical
2	11340.0000	40.17	-4.59	54.00	13.83	294	68	Vertical
3	11340.0000	51.28	-4.59	74.00	22.72	153	68	Vertical
4	17010.0000	41.54	-3.20	54.00	12.46	204	167	Vertical
5	17010.0000	52.79	-3.20	74.00	21.21	165	167	Vertical
6	17554.4777	46.67	1.05	54.00	7.33	282	266	Vertical

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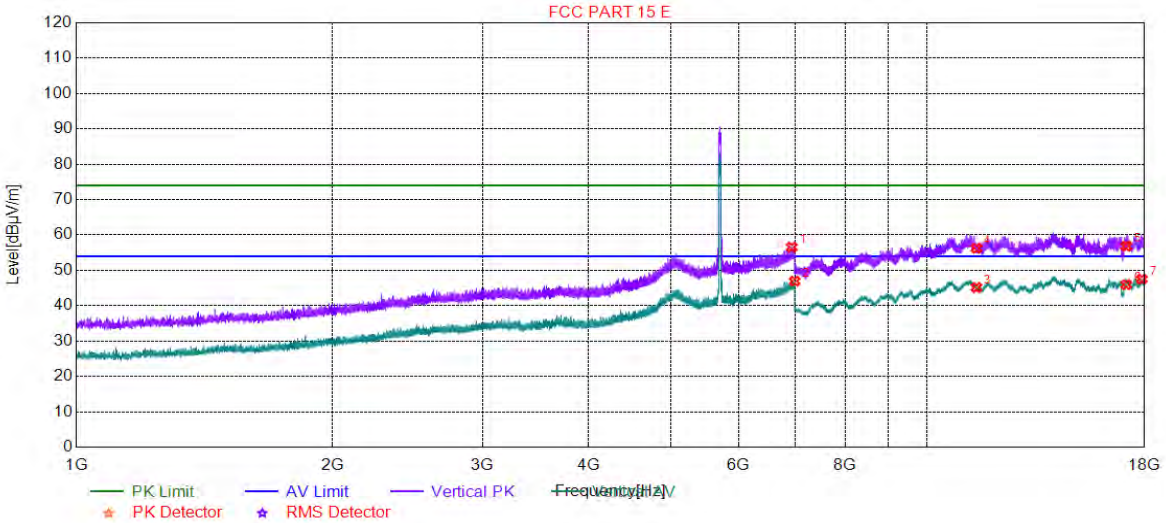
4.9.2.106 11AC40_142 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6929.4965	56.57	24.81	74.00	17.43	236	220	Vertical
2	6983.4992	46.93	24.85	54.00	7.07	245	170	Vertical
3	11420.0000	45.15	2.99	54.00	8.85	281	69	Vertical
4	11420.0000	56.26	2.99	74.00	17.74	236	219	Vertical
5	17130.0000	56.86	1.88	74.00	17.14	313	360	Vertical
6	17130.0000	45.98	1.88	54.00	8.02	314	69	Vertical
7	17865.2433	47.52	2.23	54.00	6.48	254	169	Vertical

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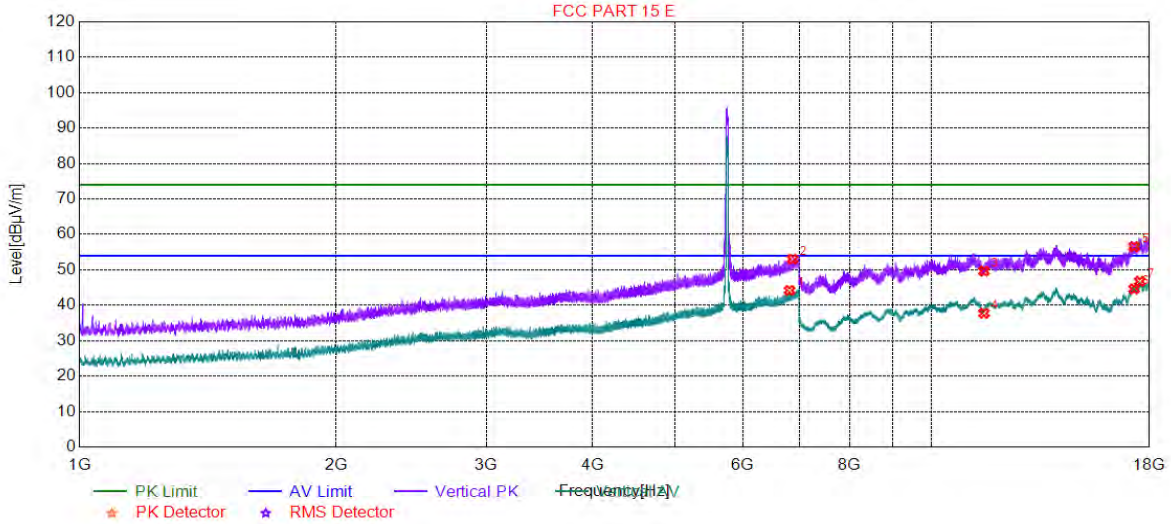
4.9.2.107 11AC40_151 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6808.2904	44.19	20.74	54.00	9.81	240	317	Vertical
2	6862.8931	53.02	20.91	74.00	20.98	215	167	Vertical
3	11510.0000	49.64	-5.50	74.00	24.36	185	314	Vertical
4	11510.0000	37.76	-5.50	54.00	16.24	160	67	Vertical
5	17265.0000	56.55	-1.33	74.00	17.45	209	215	Vertical
6	17265.0000	44.62	-1.33	54.00	9.38	183	166	Vertical
7	17534.6767	46.75	0.79	54.00	7.25	155	18	Vertical

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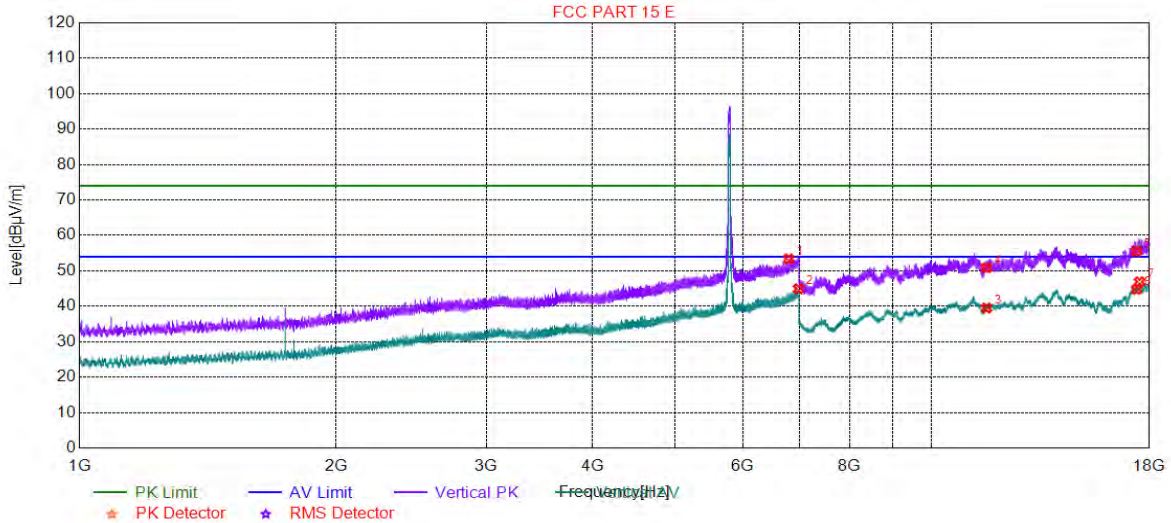
4.9.2.108 11AC40_159 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6791.4896	53.38	20.62	74.00	20.62	234	360	Vertical
2	6976.5988	44.94	21.50	54.00	9.06	203	360	Vertical
3	11590.0000	39.52	-3.32	54.00	14.48	223	266	Vertical
4	11590.0000	50.88	-3.32	74.00	23.12	189	68	Vertical
5	17385.0000	55.54	-1.02	74.00	18.46	283	167	Vertical
6	17385.0000	44.74	-1.02	54.00	9.26	236	266	Vertical
7	17524.2262	46.90	0.66	54.00	7.10	200	18	Vertical

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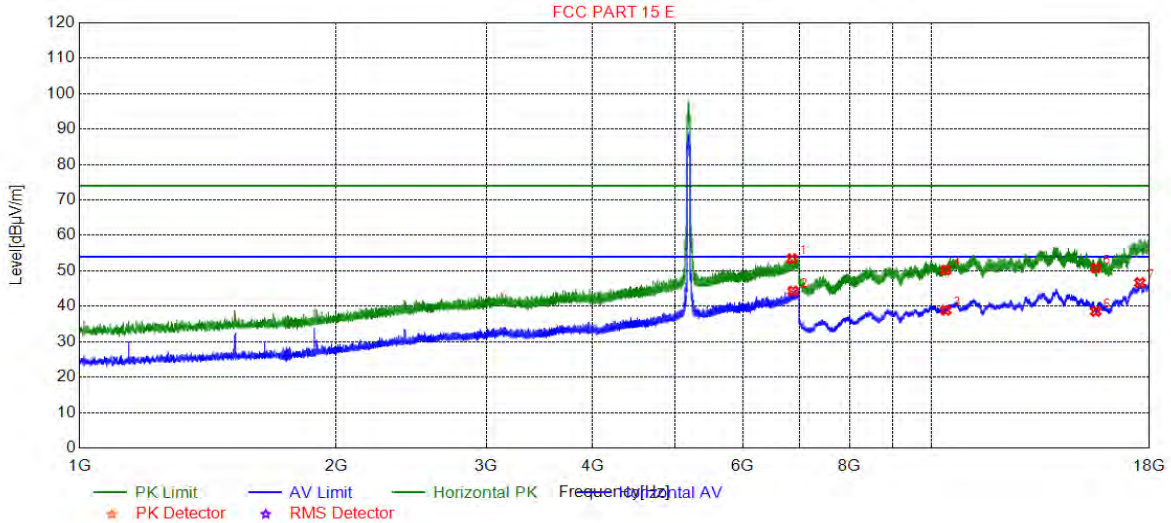
4.9.2.109 11AC40_38 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6853.8927	53.42	20.88	74.00	20.58	131	291	Horizontal
2	6871.8936	44.30	20.94	54.00	9.70	216	90	Horizontal
3	10380.0000	38.87	-5.36	54.00	15.13	246	342	Horizontal
4	10380.0000	50.19	-5.36	74.00	23.81	132	1	Horizontal
5	15570.0000	50.79	-4.02	74.00	23.21	111	45	Horizontal
6	15570.0000	38.56	-4.02	54.00	15.44	103	45	Horizontal
7	17535.2268	46.62	0.80	54.00	7.38	245	293	Horizontal

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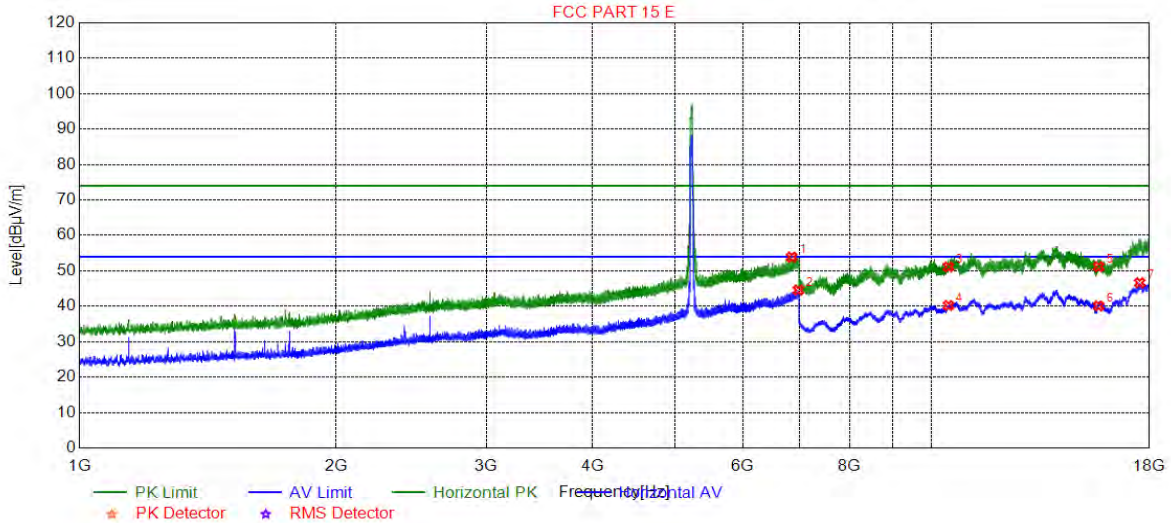
4.9.2.110 11AC40_46 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6847.5924	53.89	20.86	74.00	20.11	123	41	Horizontal
2	6972.6986	44.56	21.48	54.00	9.44	233	242	Horizontal
3	10460.0000	51.12	-4.70	74.00	22.88	106	1	Horizontal
4	10460.0000	40.22	-4.70	54.00	13.78	228	1	Horizontal
5	15690.0000	51.15	-2.93	74.00	22.85	152	1	Horizontal
6	15690.0000	40.08	-2.93	54.00	13.92	218	194	Horizontal
7	17529.1765	46.63	0.72	54.00	7.37	249	46	Horizontal

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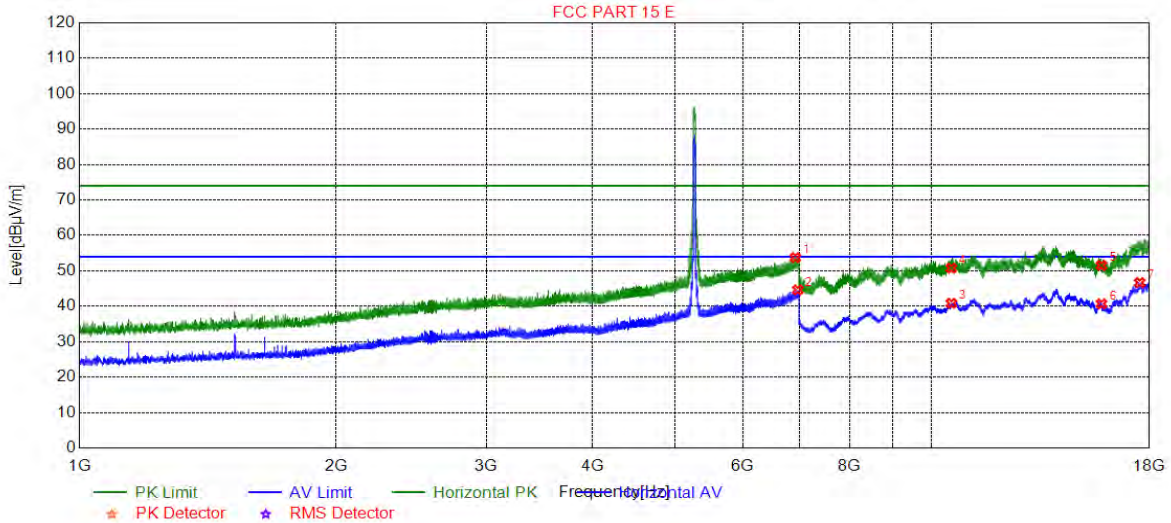
4.9.2.111 11AC40_54 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6914.4957	53.74	21.12	74.00	20.26	201	239	Horizontal
2	6962.1981	44.61	21.42	54.00	9.39	122	0	Horizontal
3	10540.0000	40.84	-4.46	54.00	13.16	163	243	Horizontal
4	10540.0000	50.75	-4.46	74.00	23.25	115	141	Horizontal
5	15810.0000	51.53	-2.42	74.00	22.47	135	243	Horizontal
6	15810.0000	40.69	-2.42	54.00	13.31	163	191	Horizontal
7	17531.3766	46.67	0.75	54.00	7.33	184	243	Horizontal

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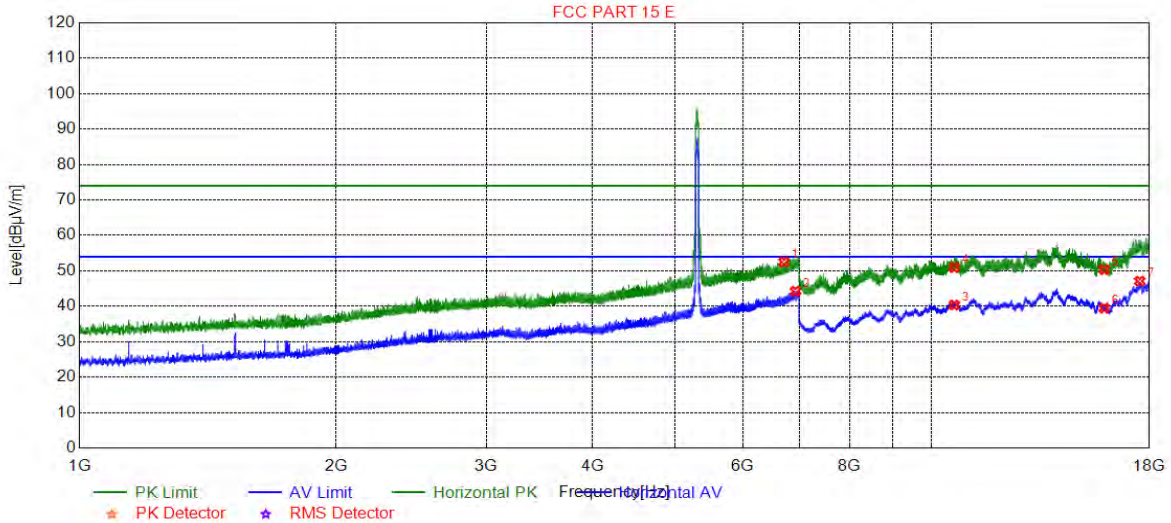
4.9.2.112 11AC40_62 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6707.1854	52.53	19.74	74.00	21.47	178	142	Horizontal
2	6919.5960	44.28	21.15	54.00	9.72	117	0	Horizontal
3	10620.0000	40.36	-4.72	54.00	13.64	230	92	Horizontal
4	10620.0000	50.93	-4.72	74.00	23.07	154	1	Horizontal
5	15930.0000	50.34	-3.73	74.00	23.66	225	43	Horizontal
6	15930.0000	39.50	-3.73	54.00	14.50	132	191	Horizontal
7	17532.4766	47.10	0.77	54.00	6.90	219	191	Horizontal

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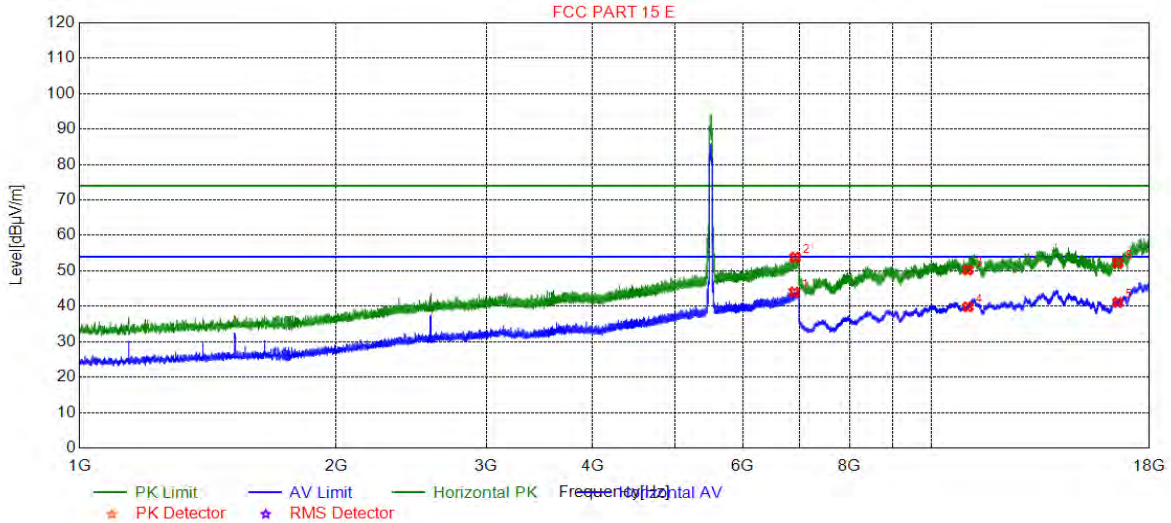
4.9.2.113 11AC40_102 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6897.6949	43.97	21.02	54.00	10.03	249	191	Horizontal
2	6912.0956	53.84	21.10	74.00	20.16	136	242	Horizontal
3	11020.0000	50.23	-4.09	74.00	23.77	184	1	Horizontal
4	11020.0000	39.85	-4.09	54.00	14.15	178	243	Horizontal
5	16530.0000	41.11	-3.84	54.00	12.89	199	292	Horizontal
6	16530.0000	52.26	-3.84	74.00	21.74	191	243	Horizontal

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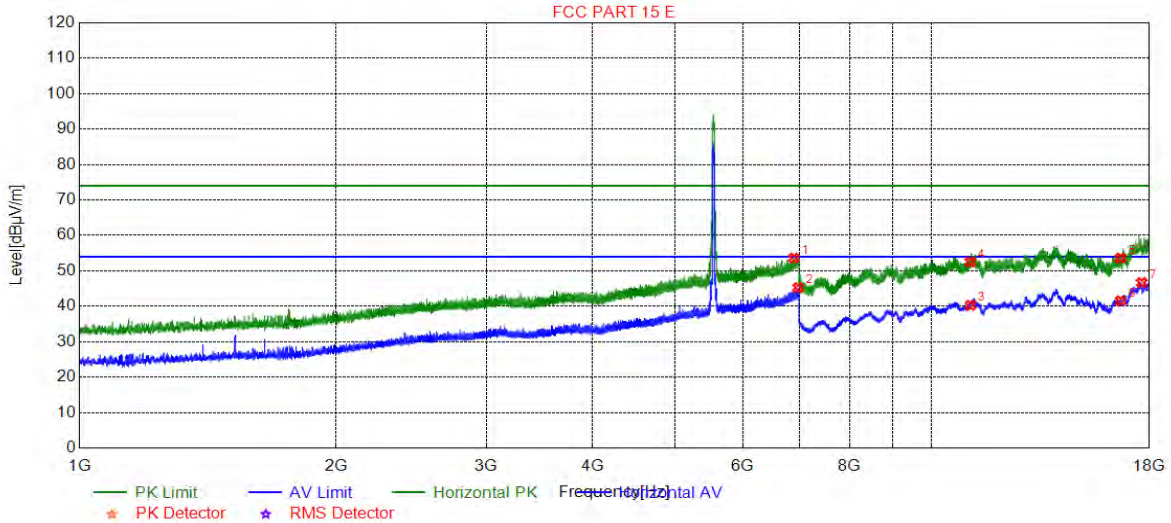
4.9.2.114 11AC40_110 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6889.2945	53.61	21.00	74.00	20.39	217	242	Horizontal
2	6968.4984	45.23	21.45	54.00	8.77	212	342	Horizontal
3	11100.0000	40.28	-3.36	54.00	13.72	215	240	Horizontal
4	11100.0000	52.51	-3.36	74.00	21.49	225	292	Horizontal
5	16650.0000	53.62	-4.20	74.00	20.38	157	342	Horizontal
6	16650.0000	41.57	-4.20	54.00	12.43	102	292	Horizontal
7	17624.3312	46.68	1.00	54.00	7.32	217	292	Horizontal

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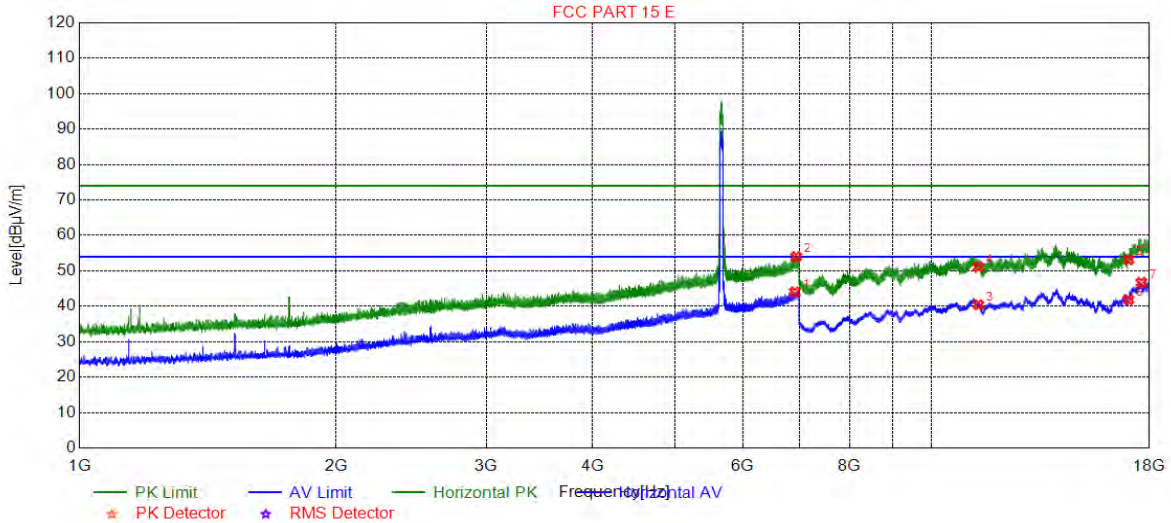
4.9.2.115 11AC40_134 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6904.5952	44.01	21.06	54.00	9.99	151	242	Horizontal
2	6930.3965	53.98	21.22	74.00	20.02	239	292	Horizontal
3	11340.0000	40.40	-4.59	54.00	13.60	147	42	Horizontal
4	11340.0000	51.09	-4.59	74.00	22.91	106	0	Horizontal
5	17010.0000	53.14	-3.20	74.00	20.86	204	42	Horizontal
6	17010.0000	41.85	-3.20	54.00	12.15	149	243	Horizontal
7	17614.4307	46.71	1.25	54.00	7.29	130	292	Horizontal

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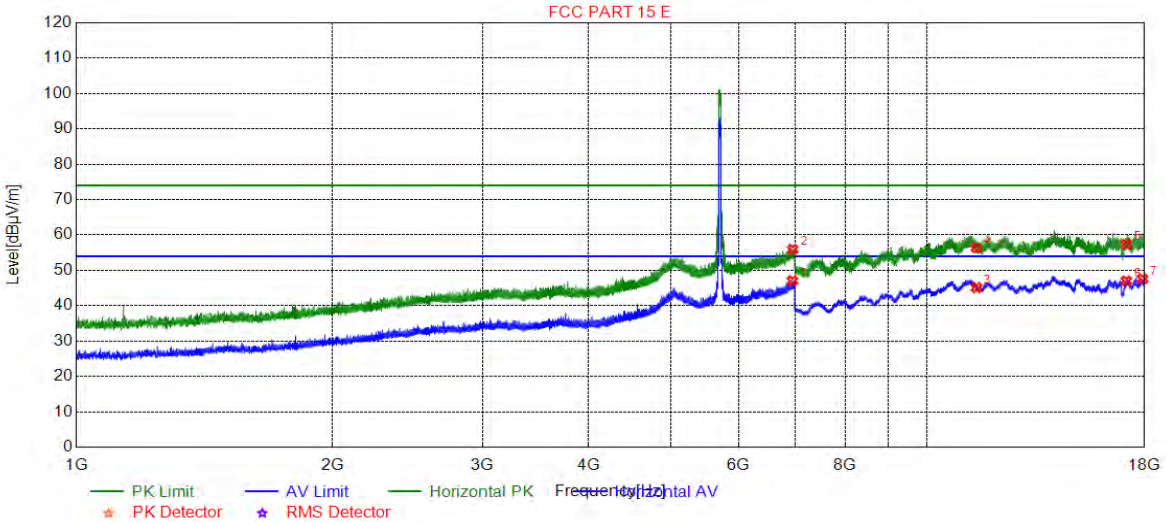
4.9.2.116 11AC40_142 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.8970	47.06	24.93	54.00	6.94	186	342	Horizontal
2	6945.0973	55.93	24.97	74.00	18.07	256	40	Horizontal
3	11420.0000	45.12	2.99	54.00	8.88	233	292	Horizontal
4	11420.0000	56.38	2.99	74.00	17.62	245	242	Horizontal
5	17130.0000	57.35	1.88	74.00	16.65	301	0	Horizontal
6	17130.0000	47.03	1.88	54.00	6.97	149	242	Horizontal
7	17902.6451	47.58	2.66	54.00	6.42	189	342	Horizontal

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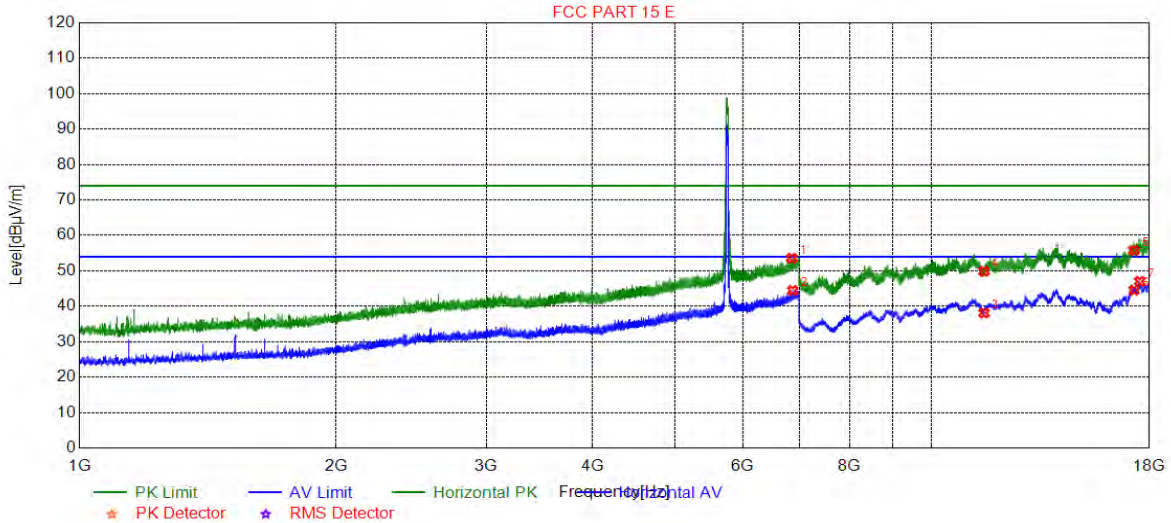
4.9.2.117 11AC40_151 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6847.8924	53.59	20.86	74.00	20.41	244	0	Horizontal
2	6866.7933	44.45	20.92	54.00	9.55	134	143	Horizontal
3	11510.0000	38.08	-5.50	54.00	15.92	241	0	Horizontal
4	11510.0000	49.89	-5.50	74.00	24.11	214	342	Horizontal
5	17265.0000	55.77	-1.33	74.00	18.23	128	243	Horizontal
6	17265.0000	44.53	-1.33	54.00	9.47	141	243	Horizontal
7	17530.8265	47.04	0.74	54.00	6.96	150	191	Horizontal

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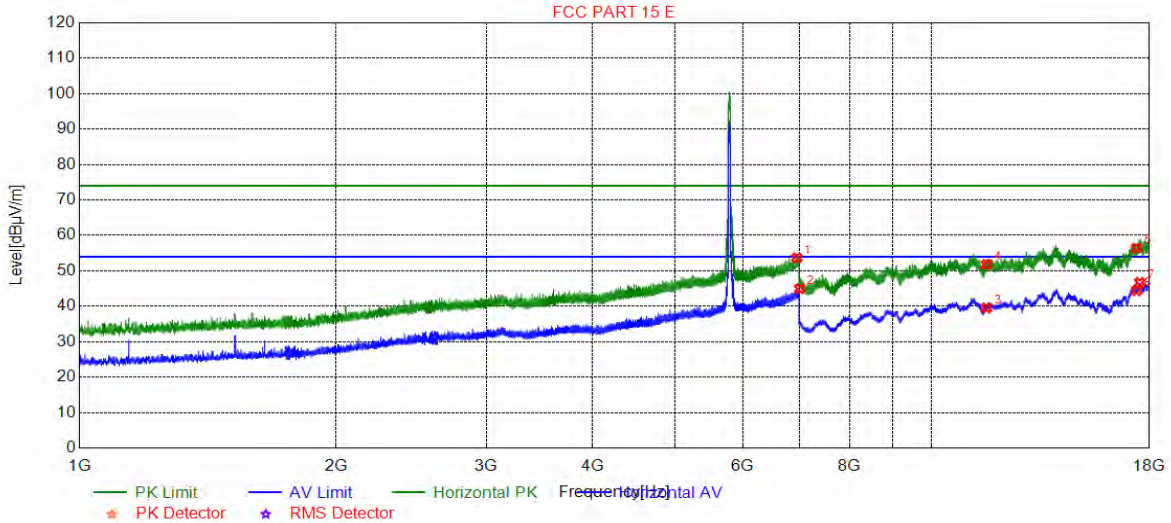
4.9.2.118 11AC40_159 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6942.0971	53.67	21.29	74.00	20.33	140	92	Horizontal
2	6997.8999	44.96	21.64	54.00	9.04	243	292	Horizontal
3	11590.0000	39.55	-3.32	54.00	14.45	112	44	Horizontal
4	11590.0000	51.80	-3.32	74.00	22.20	246	193	Horizontal
5	17385.0000	56.42	-1.02	74.00	17.58	247	292	Horizontal
6	17385.0000	44.43	-1.02	54.00	9.57	140	44	Horizontal
7	17536.3268	46.71	0.81	54.00	7.29	131	1	Horizontal

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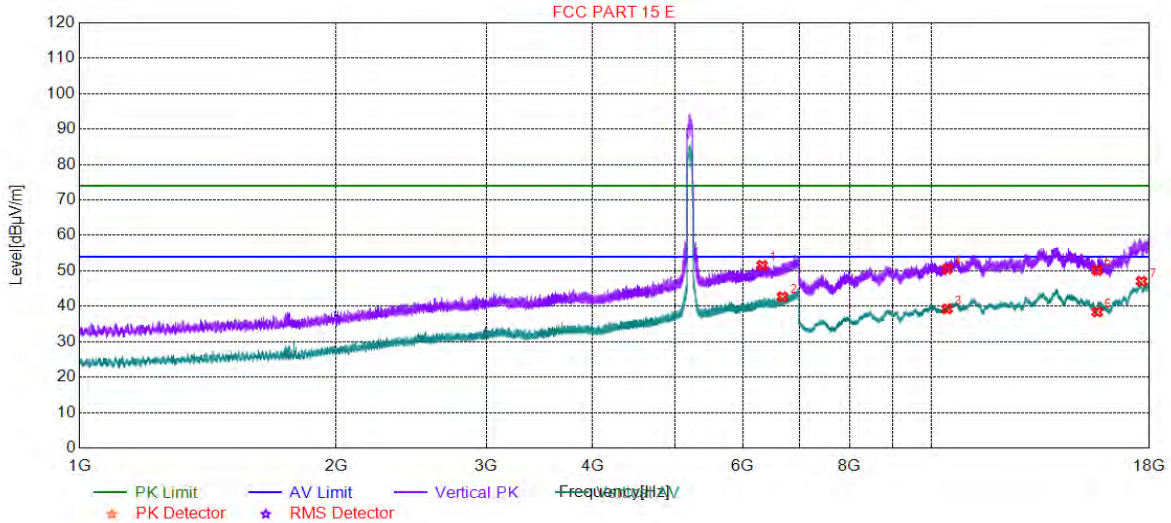
4.9.2.119 11AC80_42 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6323.1662	51.54	18.81	74.00	22.46	211	360	Vertical
2	6677.7839	42.69	19.64	54.00	11.31	163	168	Vertical
3	10420.0000	39.28	-5.14	54.00	14.72	281	359	Vertical
4	10420.0000	50.52	-5.14	74.00	23.48	169	315	Vertical
5	15630.0000	50.15	-4.14	74.00	23.85	178	117	Vertical
6	15630.0000	38.40	-4.14	54.00	15.60	185	18	Vertical
7	17616.6308	47.04	1.20	54.00	6.96	287	216	Vertical

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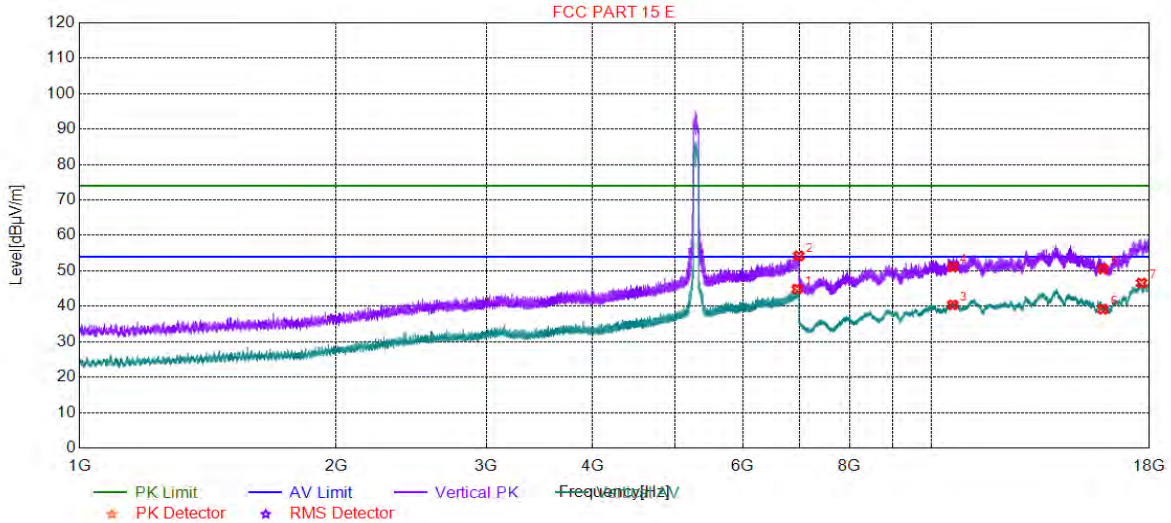
4.9.2.120 11AC80_58 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.4974	44.87	21.32	54.00	9.13	297	360	Vertical
2	6978.9990	54.22	21.52	74.00	19.78	202	118	Vertical
3	10580.0000	40.39	-4.65	54.00	13.61	234	167	Vertical
4	10580.0000	51.08	-4.65	74.00	22.92	260	18	Vertical
5	15870.0000	50.56	-3.31	74.00	23.44	182	265	Vertical
6	15870.0000	39.16	-3.31	54.00	14.84	207	167	Vertical
7	17618.8309	46.57	1.14	54.00	7.43	204	265	Vertical

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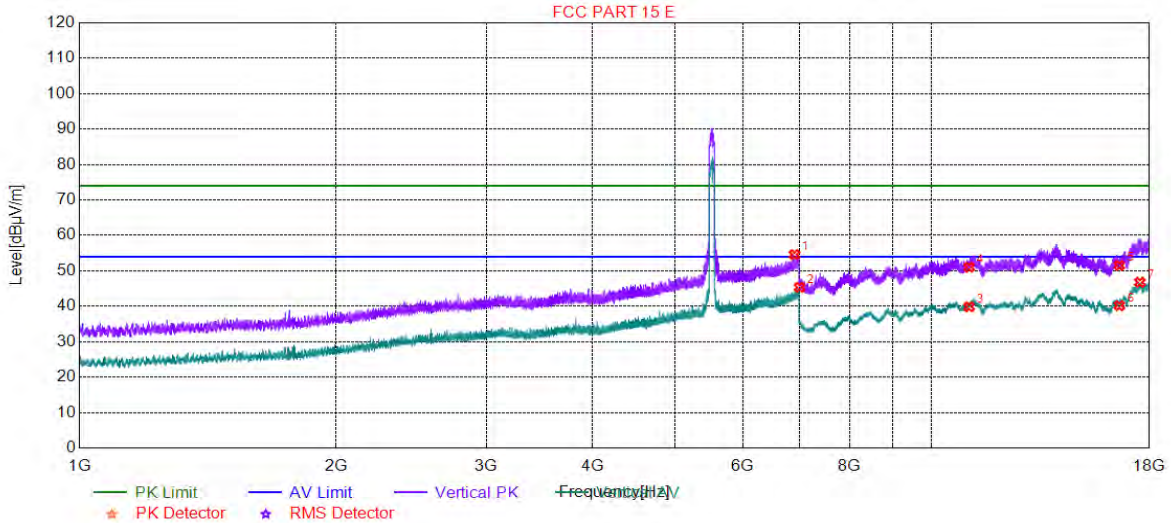
4.9.2.121 11AC80_106 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6898.8949	54.59	21.03	74.00	19.41	282	319	Vertical
2	6993.0997	45.39	21.61	54.00	8.61	235	266	Vertical
3	11060.0000	39.87	-3.73	54.00	14.13	177	218	Vertical
4	11060.0000	51.03	-3.73	74.00	22.97	199	218	Vertical
5	16590.0000	51.53	-4.27	74.00	22.47	234	268	Vertical
6	16590.0000	40.19	-4.27	54.00	13.81	160	18	Vertical
7	17539.6270	46.76	0.86	54.00	7.24	226	360	Vertical

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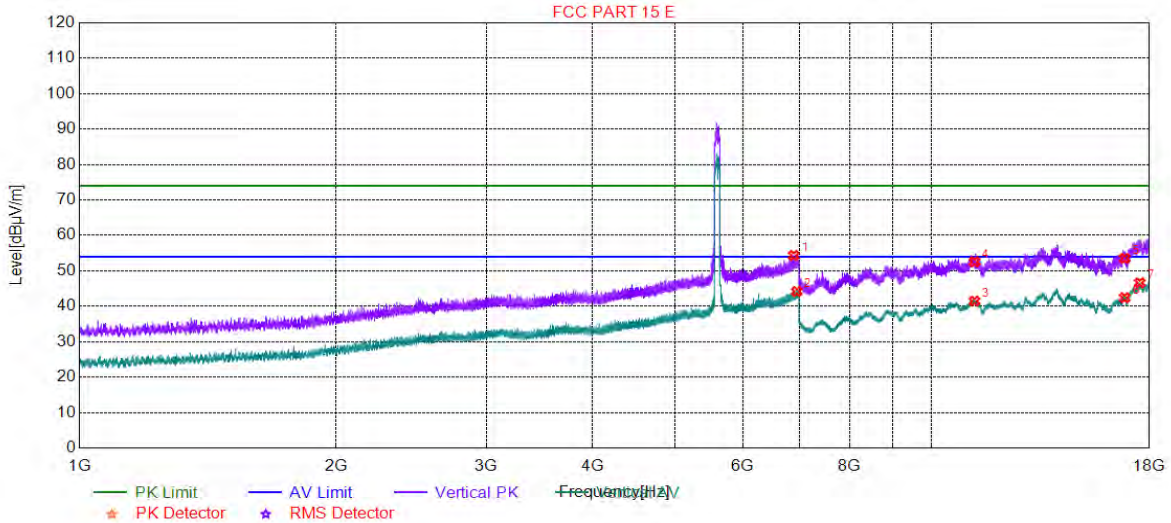
4.9.2.122 11AC80_122 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.39	54.36	20.98	74.00	19.64	275	318	Vertical
2	6942.09	44.18	21.29	54.00	9.82	227	269	Vertical
3	11220.0	41.46	-3.73	54.00	12.54	175	214	Vertical
4	11220.0	52.55	-3.73	74.00	21.45	277	18	Vertical
5	16830.0	53.51	-2.15	74.00	20.49	291	117	Vertical
6	16830.0	42.41	-2.15	54.00	11.59	187	166	Vertical
7	17530.8	46.62	0.74	54.00	7.38	170	68	Vertical

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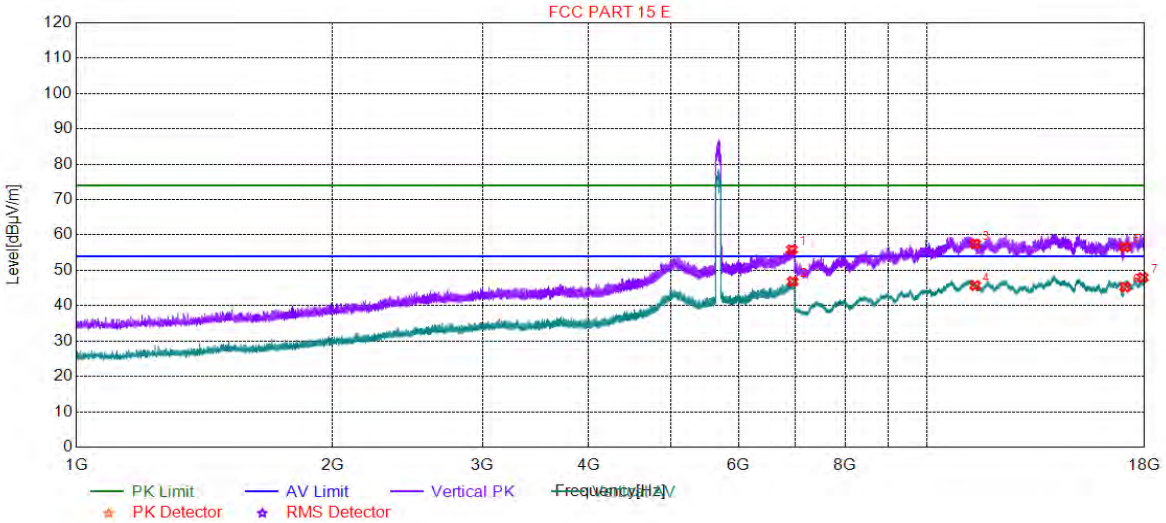
4.9.2.123 11AC80_138 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6930.0965	55.88	24.82	74.00	18.12	186	320	Vertical
2	6944.7972	46.82	24.97	54.00	7.18	256	18	Vertical
3	11380.0000	57.48	2.91	74.00	16.52	233	318	Vertical
4	11380.0000	45.71	2.91	54.00	8.29	245	218	Vertical
5	17070.0000	56.59	1.19	74.00	17.41	301	118	Vertical
6	17070.0000	45.25	1.19	54.00	8.75	149	318	Vertical
7	17907.5954	47.97	2.62	54.00	6.03	189	268	Vertical

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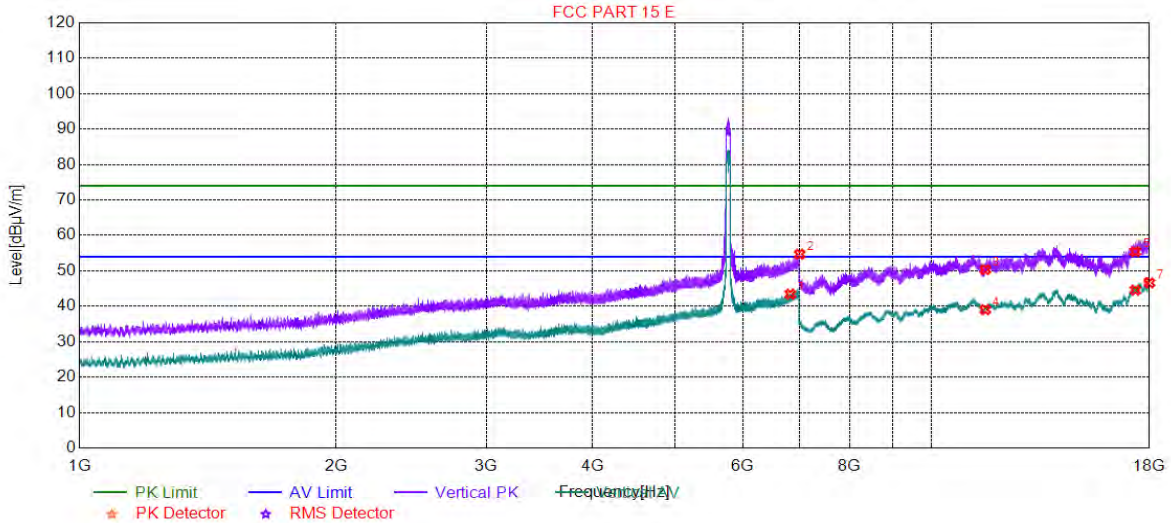
4.9.2.124 11AC80_155 ANT 1_Vertical



Suspected List

NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6821.4911	43.42	20.78	54.00	10.58	294	318	Vertical
2	6996.0998	54.70	21.63	74.00	19.30	192	118	Vertical
3	11550.0000	50.35	-4.41	74.00	23.65	238	67	Vertical
4	11550.0000	39.04	-4.41	54.00	14.96	202	359	Vertical
5	17325.0000	55.42	-1.12	74.00	18.58	226	18	Vertical
6	17325.0000	44.53	-1.12	54.00	9.47	279	359	Vertical
7	18000.0000	46.59	-0.35	54.00	7.41	204	216	Vertical

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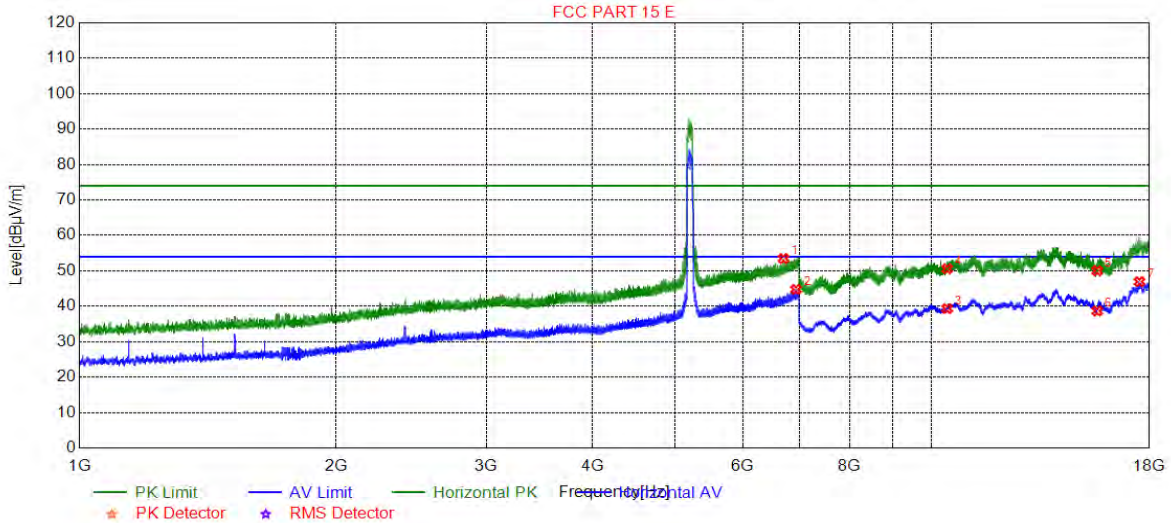
4.9.2.125 11AC80_42 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6697.2849	53.46	19.67	74.00	20.54	134	1	Horizontal
2	6926.4963	44.76	21.19	54.00	9.24	118	143	Horizontal
3	10420.0000	39.35	-5.14	54.00	14.65	121	292	Horizontal
4	10420.0000	50.58	-5.14	74.00	23.42	130	342	Horizontal
5	15630.0000	50.03	-4.14	74.00	23.97	215	94	Horizontal
6	15630.0000	38.67	-4.14	54.00	15.33	238	193	Horizontal
7	17519.8260	46.94	0.60	54.00	7.06	200	193	Horizontal

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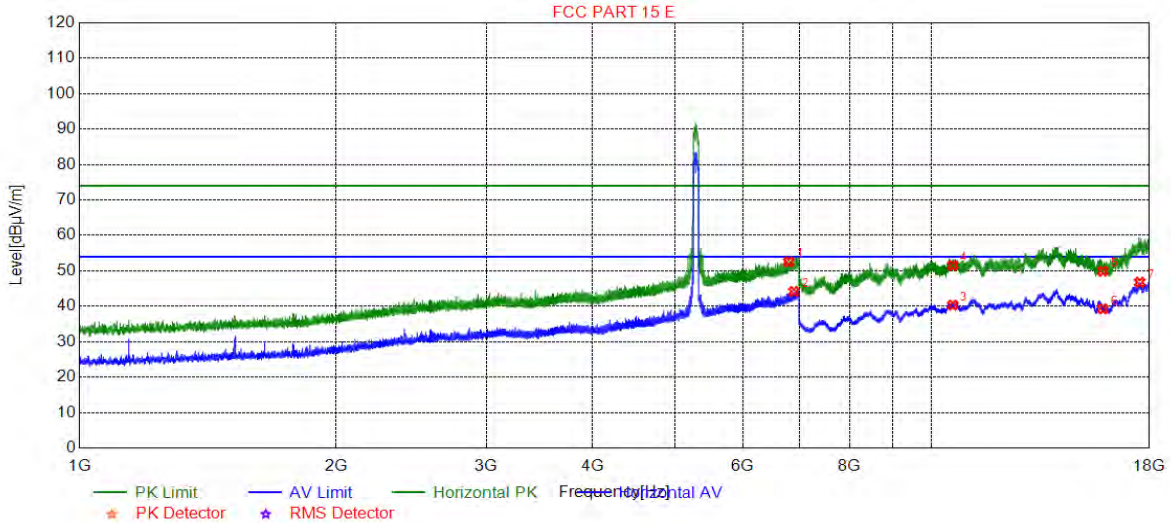
4.9.2.126 11AC80_58 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6791.4896	52.58	20.62	74.00	21.42	227	92	Horizontal
2	6887.4944	44.15	20.99	54.00	9.85	222	292	Horizontal
3	10580.0000	40.32	-4.65	54.00	13.68	153	145	Horizontal
4	10580.0000	51.52	-4.65	74.00	22.48	177	95	Horizontal
5	15870.0000	49.90	-3.31	74.00	24.10	161	145	Horizontal
6	15870.0000	39.27	-3.31	54.00	14.73	239	194	Horizontal
7	17531.9266	46.76	0.76	54.00	7.24	176	95	Horizontal

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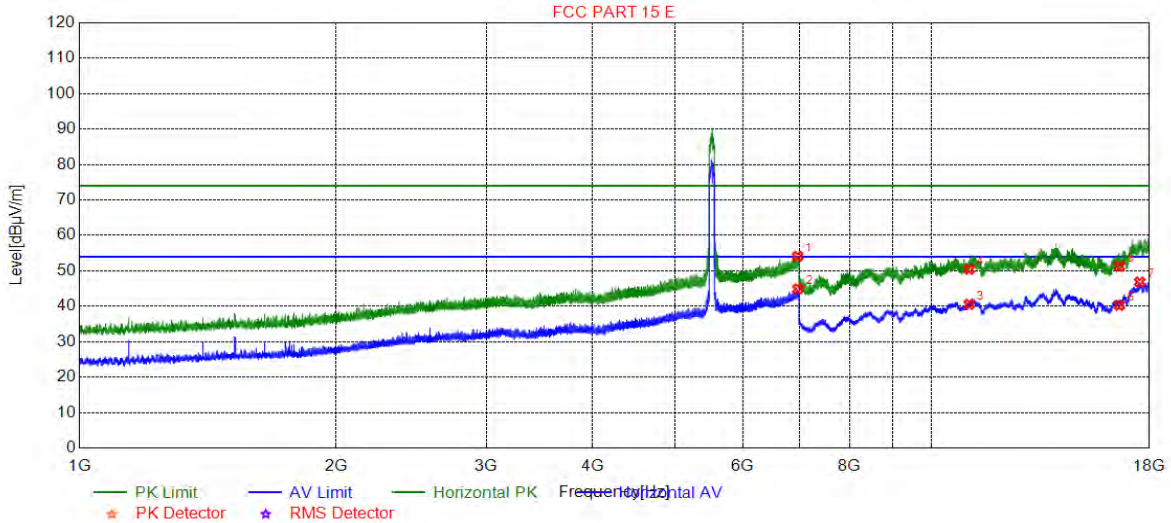
4.9.2.127 11AC80_106 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6960.9981	54.12	21.41	74.00	19.88	156	90	Horizontal
2	6966.9984	44.93	21.45	54.00	9.07	228	0	Horizontal
3	11060.0000	40.56	-3.73	54.00	13.44	170	93	Horizontal
4	11060.0000	50.45	-3.73	74.00	23.55	223	93	Horizontal
5	16590.0000	51.24	-4.27	74.00	22.76	205	1	Horizontal
6	16590.0000	40.26	-4.27	54.00	13.74	164	44	Horizontal
7	17531.9266	46.84	0.76	54.00	7.16	149	192	Horizontal

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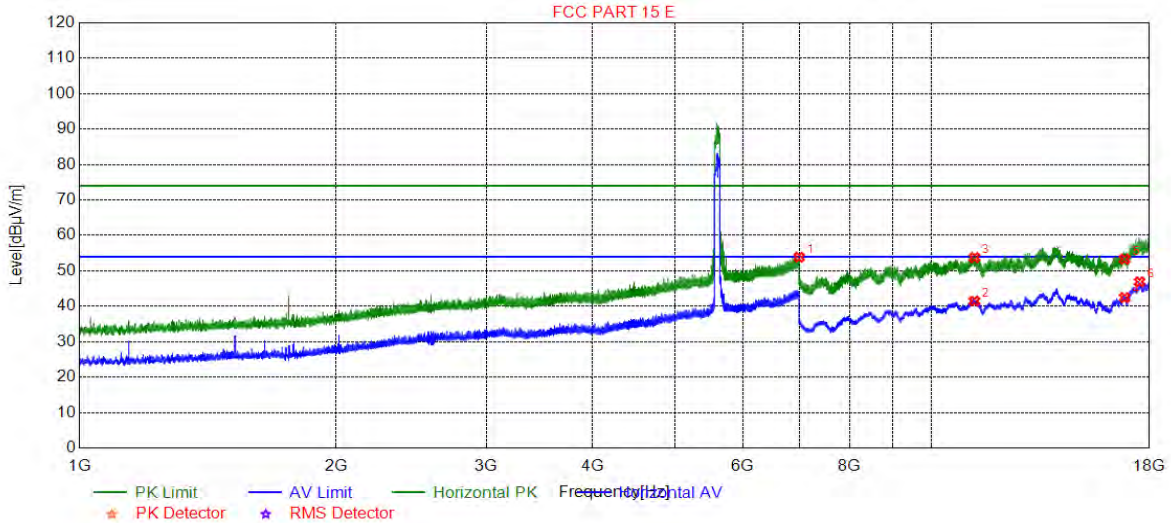
4.9.2.128 11AC80_122 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.1993	53.86	21.56	74.00	20.14	119	193	Horizontal
2	11220.0000	41.48	-3.73	54.00	12.52	201	0	Horizontal
3	11220.0000	53.78	-3.73	74.00	20.22	125	243	Horizontal
4	16830.0000	42.43	-2.15	54.00	11.57	154	194	Horizontal
5	16830.0000	53.31	-2.15	74.00	20.69	206	144	Horizontal
6	17526.9763	46.89	0.70	54.00	7.11	169	93	Horizontal

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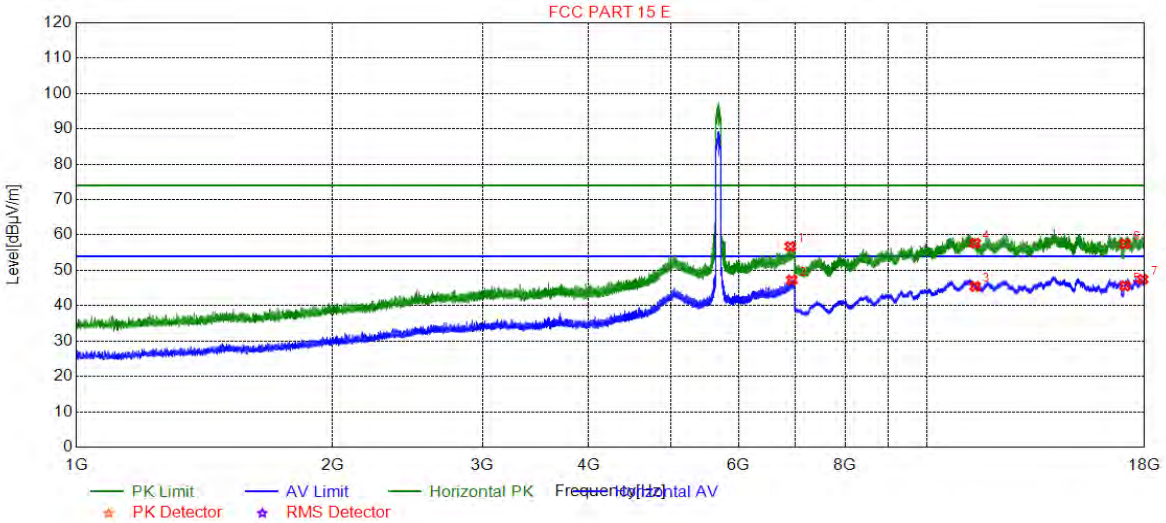
4.9.2.129 11AC80_138 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6901.5951	56.74	24.52	74.00	17.26	168	191	Horizontal
2	6930.3965	47.26	24.82	54.00	6.74	205	91	Horizontal
3	11380.0000	45.47	2.91	54.00	8.53	231	0	Horizontal
4	11380.0000	57.67	2.91	74.00	16.33	166	241	Horizontal
5	17070.0000	45.59	1.19	54.00	8.41	146	86	Horizontal
6	17070.0000	57.49	1.19	74.00	16.51	180	86	Horizontal
7	17907.5954	47.46	2.62	54.00	6.54	195	191	Horizontal

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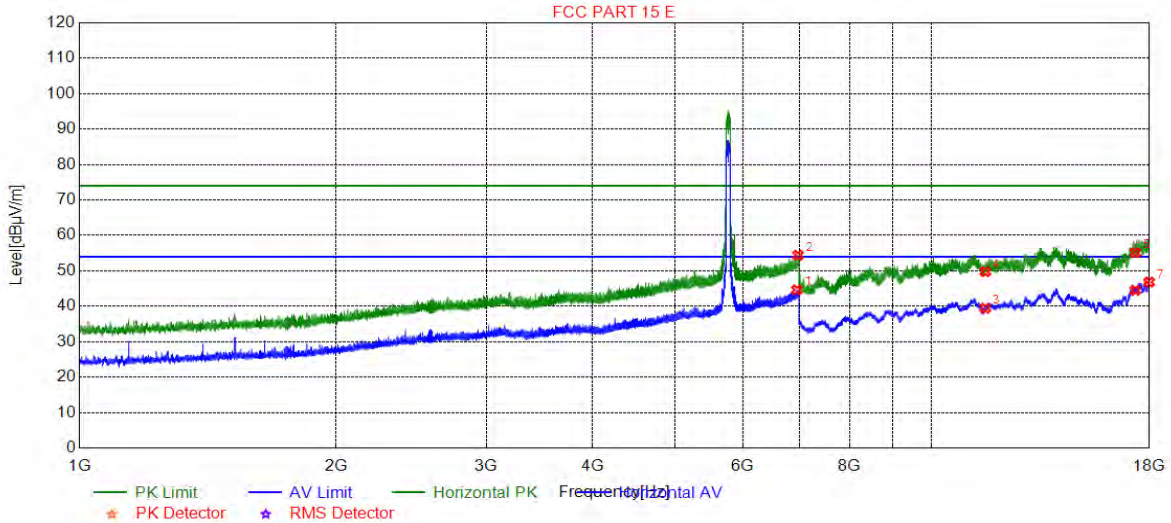
4.9.2.130 11AC80_155 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6943.8972	44.63	21.30	54.00	9.37	169	342	Horizontal
2	6966.0983	54.41	21.44	74.00	19.59	229	292	Horizontal
3	11550.0000	39.47	-4.41	54.00	14.53	170	46	Horizontal
4	11550.0000	49.76	-4.41	74.00	24.24	226	244	Horizontal
5	17325.0000	55.14	-1.12	74.00	18.86	125	1	Horizontal
6	17325.0000	44.49	-1.12	54.00	9.51	103	244	Horizontal
7	17986.2493	46.81	-0.45	54.00	7.19	172	292	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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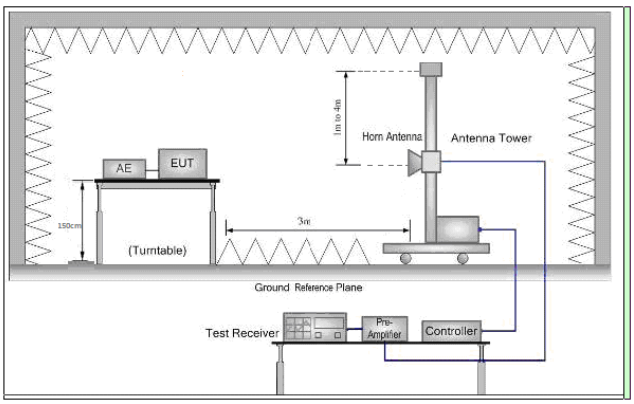
4.10 Restricted bands around fundamental frequency

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); 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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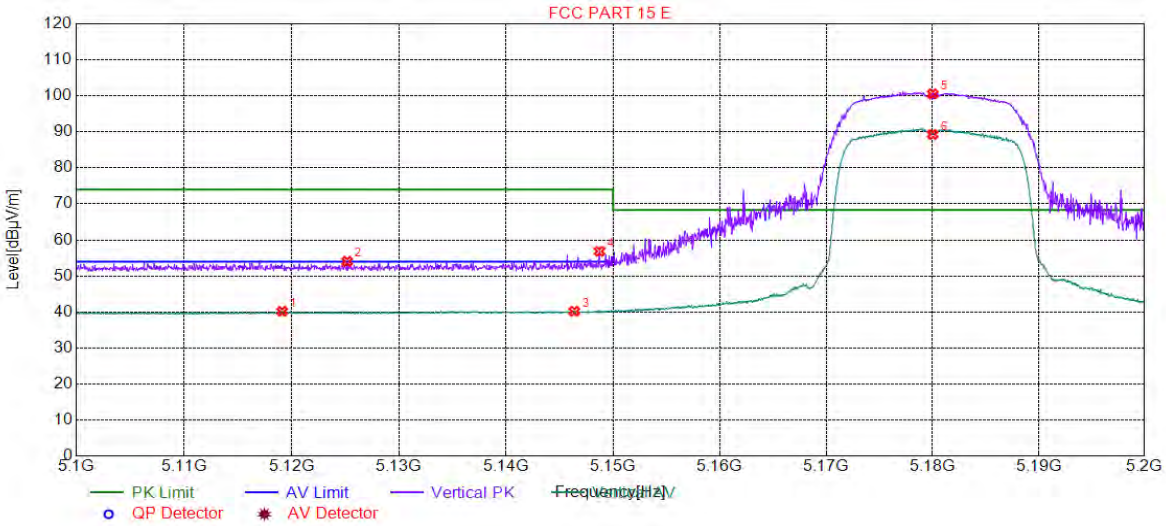
4.10.1 Test plots

4.10.1.1 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	5119.1096	40.17	15.28	54.00	13.83	279	316	Vertical
2	5125.1626	54.05	15.29	74.00	19.95	220	316	Vertical
3	5146.3732	40.19	15.30	54.00	13.81	169	16	Vertical
4	5148.7244	56.84	15.30	74.00	17.16	193	16	Vertical
5	5180.0000	100.53	15.32	68.30	-32.23	202	316	Vertical
6	5180.0000	89.28	15.32	0.00	-89.28	296	316	Vertical

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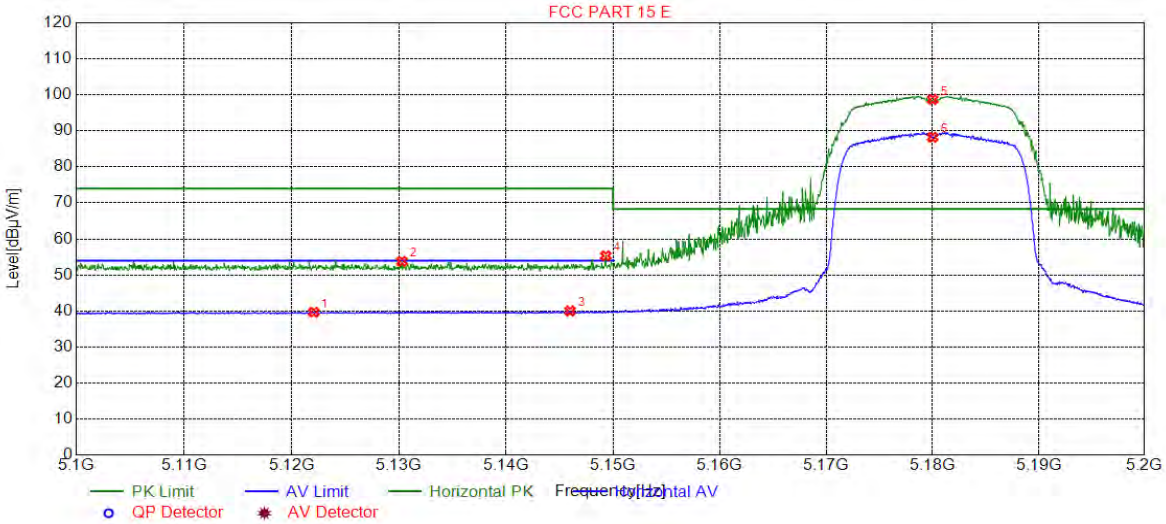
4.10.1.2 11A20_36 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5122.0610	39.67	15.28	54.00	14.33	198	84	Horizontal
2	5130.2651	53.78	15.29	74.00	20.22	243	178	Horizontal
3	5145.9730	40.01	15.30	54.00	13.99	239	129	Horizontal
4	5149.3247	55.34	15.30	74.00	18.66	122	139	Horizontal
5	5180.0000	98.71	15.32	68.30	-30.41	116	94	Horizontal
6	5180.0000	88.23	15.32	0.00	-88.23	237	129	Horizontal

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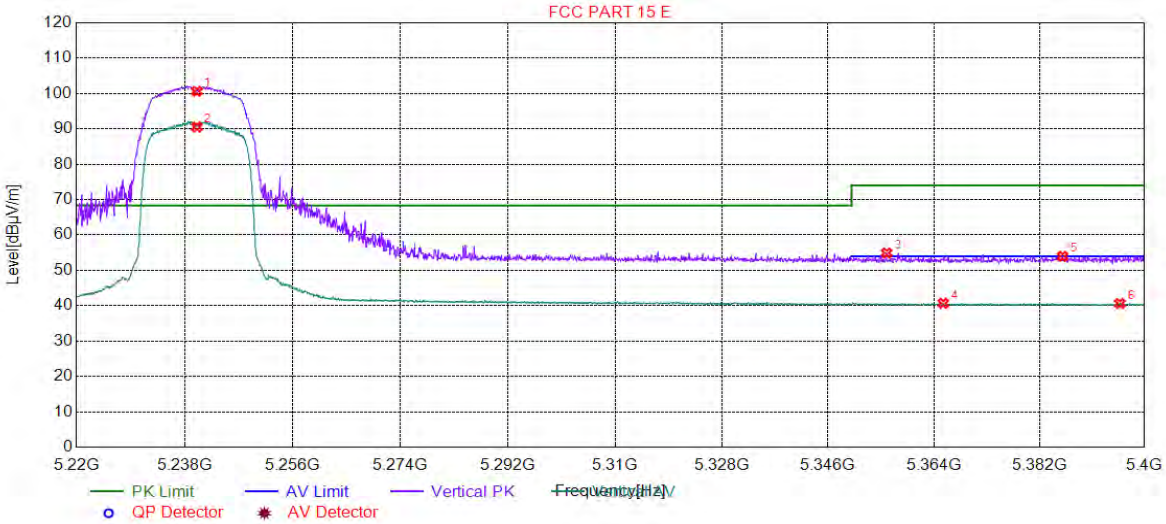
4.10.1.3 11A20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.0000	100.63	15.57	68.30	-32.33	179	21	Vertical
2	5240.0000	90.54	15.57	0.00	-90.54	243	21	Vertical
3	5355.9680	54.93	16.05	74.00	19.07	232	145	Vertical
4	5365.6028	40.71	16.07	54.00	13.29	158	314	Vertical
5	5385.9530	53.97	16.11	74.00	20.03	162	327	Vertical
6	5395.7679	40.66	16.13	54.00	13.34	186	314	Vertical

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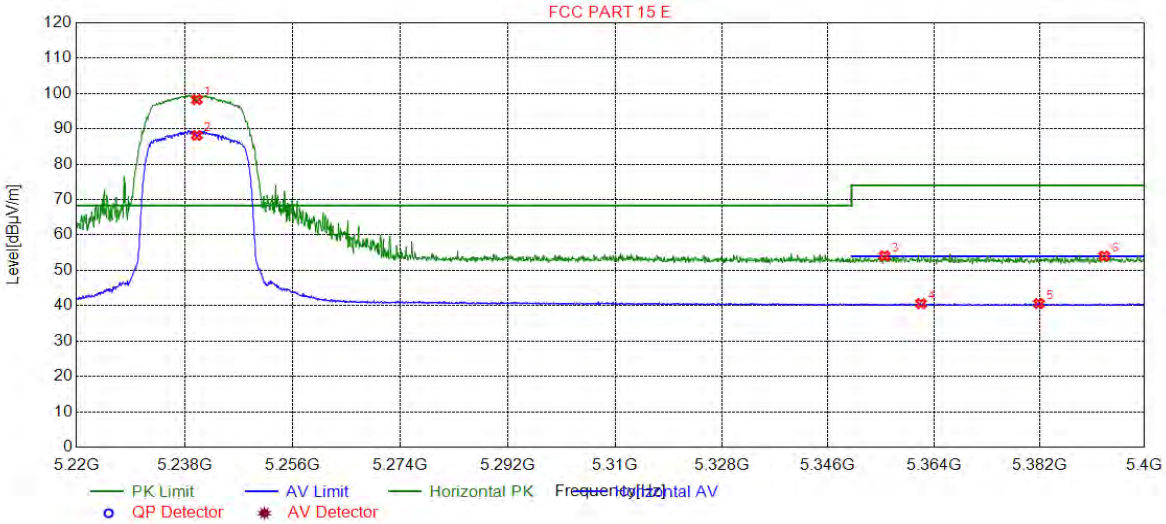
4.10.1.4 11A20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	5240.0000	98.28	15.57	68.30	-29.98	121	117	Horizontal
2	5240.0000	88.14	15.57	0.00	-88.14	181	77	Horizontal
3	5355.6078	54.13	16.05	74.00	19.87	121	240	Horizontal
4	5361.8209	40.61	16.06	54.00	13.39	182	248	Horizontal
5	5381.9010	40.63	16.10	54.00	13.37	196	77	Horizontal
6	5393.0665	54.03	16.13	74.00	19.97	167	108	Horizontal

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