11AC80SISO_Ant1_5690_UNII-2C

11AC80SISO_Ant1_5690_UNII-3

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11AC80SISO_Ant1_5775

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4.9 Radiated Spurious Emissions

Test Requirement:	47 CFR Part 15 Section 15.407(b)
Test Method:	ANSI C63.10: 2013
Test Site:	Measurement Distance: 3m or 10m (Semi-Anechoic Chamber)
Test Setup:	

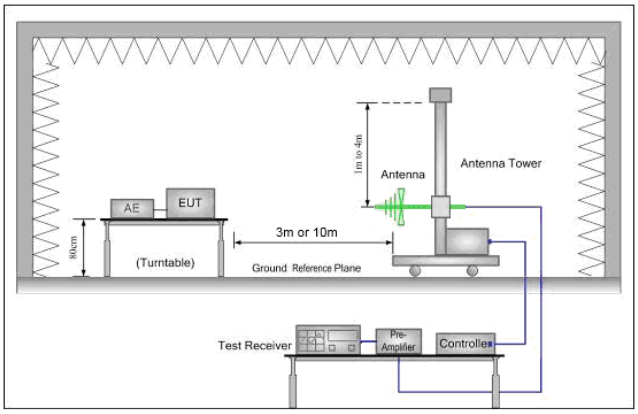

Figure 1. 30MHz to 1GHz

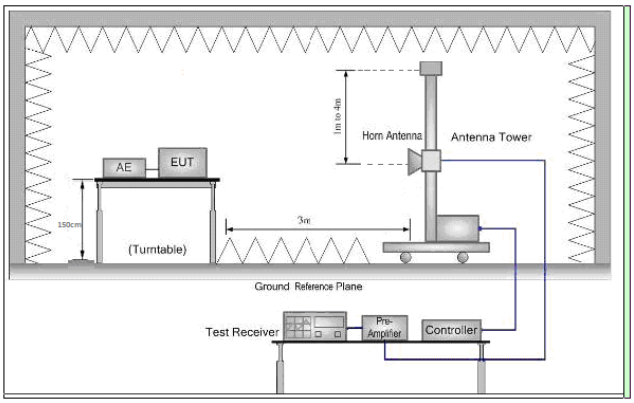

Figure 2. Above 1 GHz

Test Procedure:	a. For below 1GHz test, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation. b. For above 1GHz test, 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. c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower. d. 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. e. 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. f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode. 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.

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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) For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case. 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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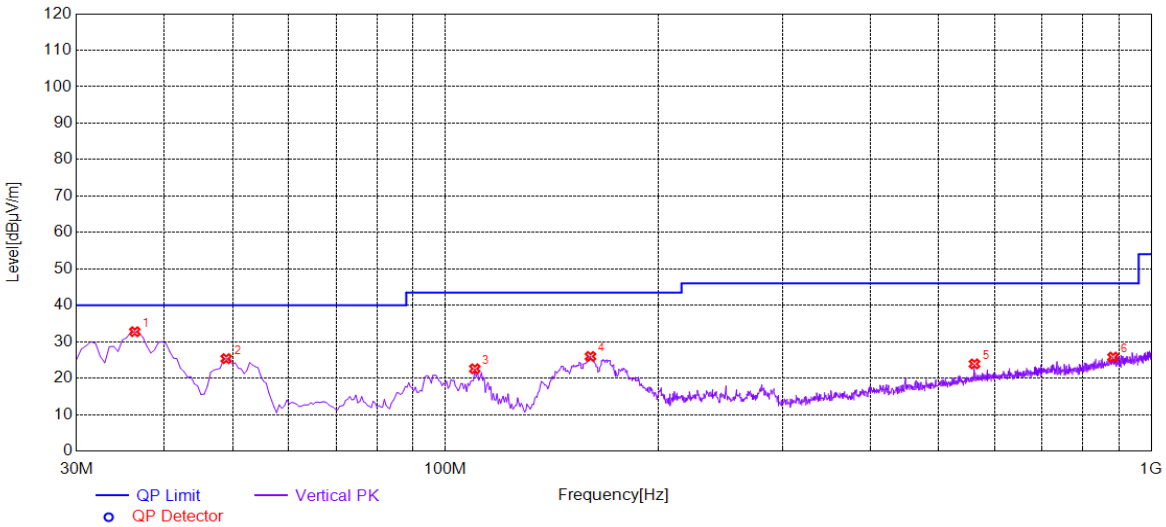
4.9.1 Radiated emission below 1GHz

0MHz~1GHz（QP）		
Test mode:	Transmitting	Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.3082	32.75	-29.54	40.00	7.25	220	20	Vertical
2	48.9245	25.36	-30.38	40.00	14.64	183	269	Vertical
3	110.065	22.58	-32.01	43.50	20.92	191	196	Vertical
4	160.530	25.96	-34.60	43.50	17.54	176	196	Vertical
5	561.825	23.91	-21.71	46.00	22.09	175	264	Vertical
6	883.056	25.78	-16.32	46.00	20.22	214	196	Vertical

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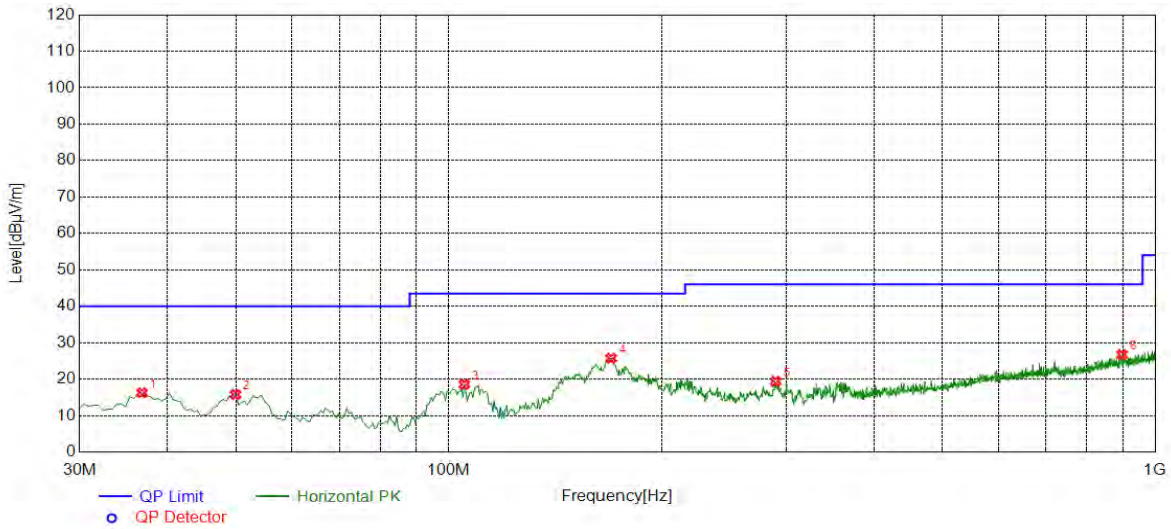
Test mode:	Transmitting	Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	36.7934	16.26	-29.38	40.00	23.74	236	274	Horizontal
2	49.8949	15.79	-30.36	40.00	24.21	118	220	Horizontal
3	105.212	18.59	-32.00	43.50	24.91	115	110	Horizontal
4	169.749	25.75	-34.05	43.50	17.75	241	304	Horizontal
5	290.090	19.41	-28.65	46.00	26.59	157	66	Horizontal
6	897.613	26.72	-16.07	46.00	19.28	245	54	Horizontal

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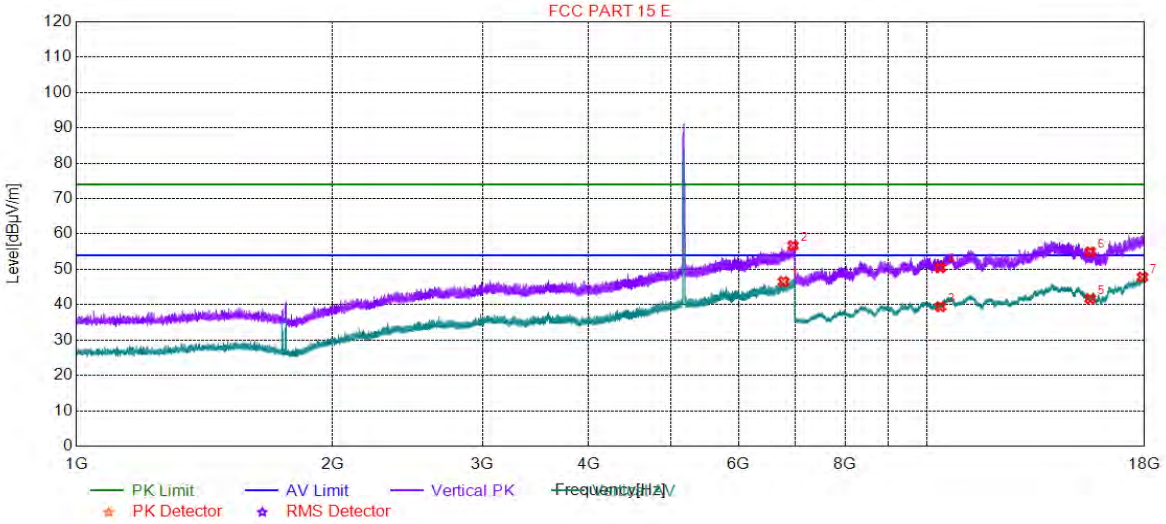
4.9.2 Transmitter emission above 1GHz

4.9.2.1 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	6777.08	46.54	20.51	54.00	7.46	168	319	Vertical
2	6951.99	56.71	21.26	74.00	17.29	193	319	Vertical
3	10360.0	39.45	-3.63	54.00	14.55	180	42	Vertical
4	10360.0	50.50	-3.63	74.00	23.50	166	143	Vertical
5	15540.0	41.68	0.46	54.00	12.32	173	342	Vertical
6	15540.0	54.96	0.46	74.00	19.04	206	93	Vertical
7	17902.0	47.83	1.69	54.00	6.17	181	93	Vertical

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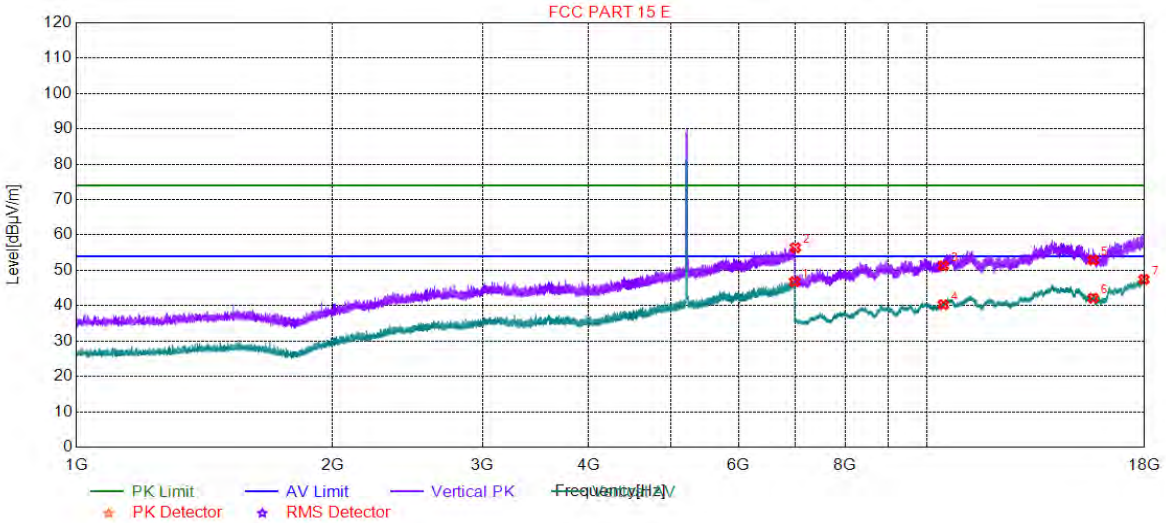
4.9.2.2 11A20_44 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.29	46.77	21.26	54.00	7.23	160	68	Vertical
2	6997.59	56.44	21.27	74.00	17.56	284	170	Vertical
3	10440.0	51.27	-3.24	74.00	22.73	195	242	Vertical
4	10440.0	40.29	-3.24	54.00	13.71	263	43	Vertical
5	15660.0	52.88	0.43	74.00	21.12	188	342	Vertical
6	15660.0	42.15	0.43	54.00	11.85	296	242	Vertical
7	17964.7	47.43	1.71	54.00	6.57	164	342	Vertical

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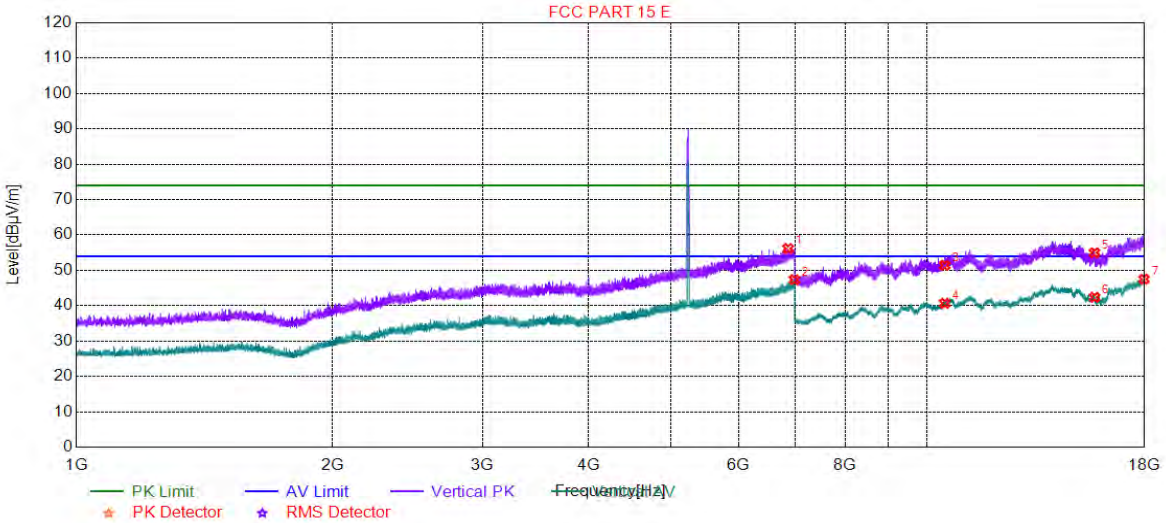
4.9.2.3 11A20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6861.09	56.17	20.87	74.00	17.83	212	170	Vertical
2	6978.09	47.33	21.26	54.00	6.67	190	170	Vertical
3	10480.0	51.40	-2.94	74.00	22.60	265	0	Vertical
4	10480.0	40.68	-2.94	54.00	13.32	253	41	Vertical
5	15720.0	54.99	0.29	74.00	19.01	190	291	Vertical
6	15720.0	42.38	0.29	54.00	11.62	249	241	Vertical
7	17968.6	47.50	1.71	54.00	6.50	235	41	Vertical

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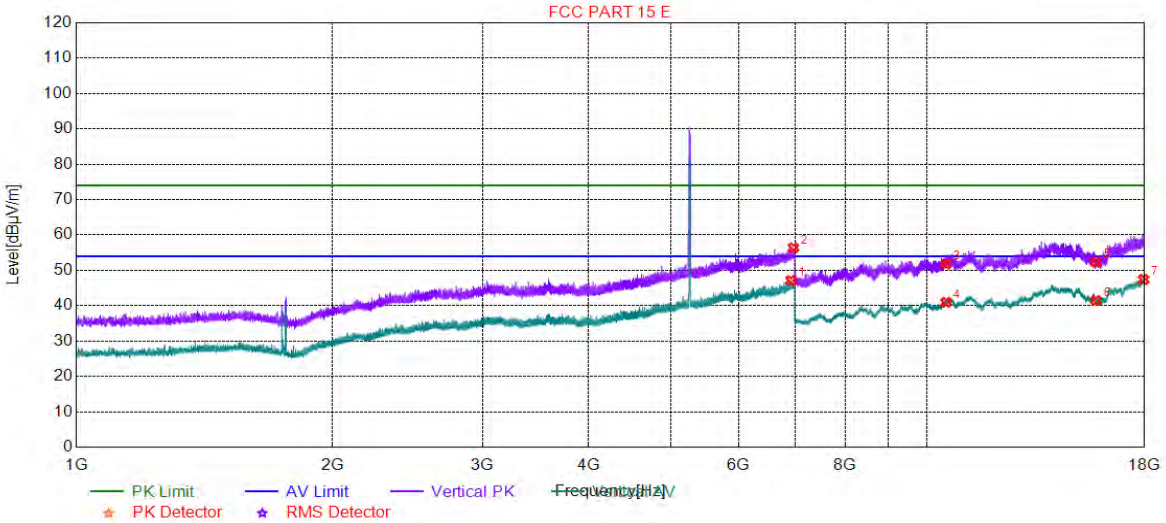
4.9.2.4 11A20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6912.99	47.14	20.93	54.00	6.86	227	219	Vertical
2	6960.69	56.40	21.26	74.00	17.60	221	69	Vertical
3	10520.0	51.77	-2.80	74.00	22.23	248	40	Vertical
4	10520.0	40.97	-2.80	54.00	13.03	176	342	Vertical
5	15780.0	52.31	-0.72	74.00	21.69	296	241	Vertical
6	15780.0	41.49	-0.72	54.00	12.51	219	241	Vertical
7	17947.7	47.44	1.70	54.00	6.56	271	241	Vertical

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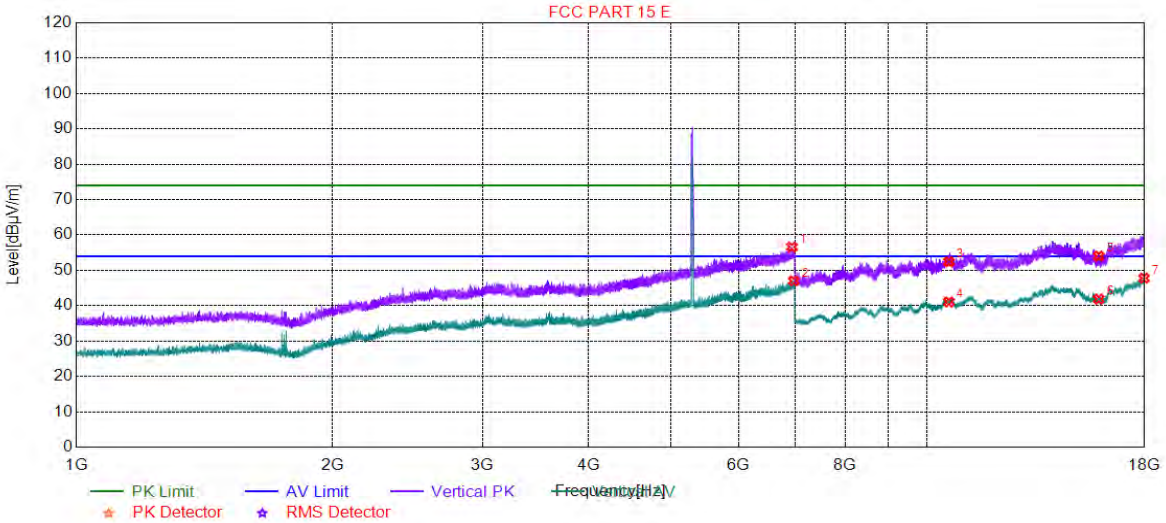
4.9.2.5 11A20_60 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6932.19	56.60	21.10	74.00	17.40	202	321	Vertical
2	6966.09	47.03	21.26	54.00	6.97	293	18	Vertical
3	10600.0	52.42	-2.86	74.00	21.58	215	32	Vertical
4	10600.0	41.08	-2.86	54.00	12.92	173	134	Vertical
5	15900.0	54.03	-0.51	74.00	19.97	155	292	Vertical
6	15900.0	41.88	-0.51	54.00	12.12	238	134	Vertical
7	17970.8	47.80	1.71	54.00	6.20	293	83	Vertical

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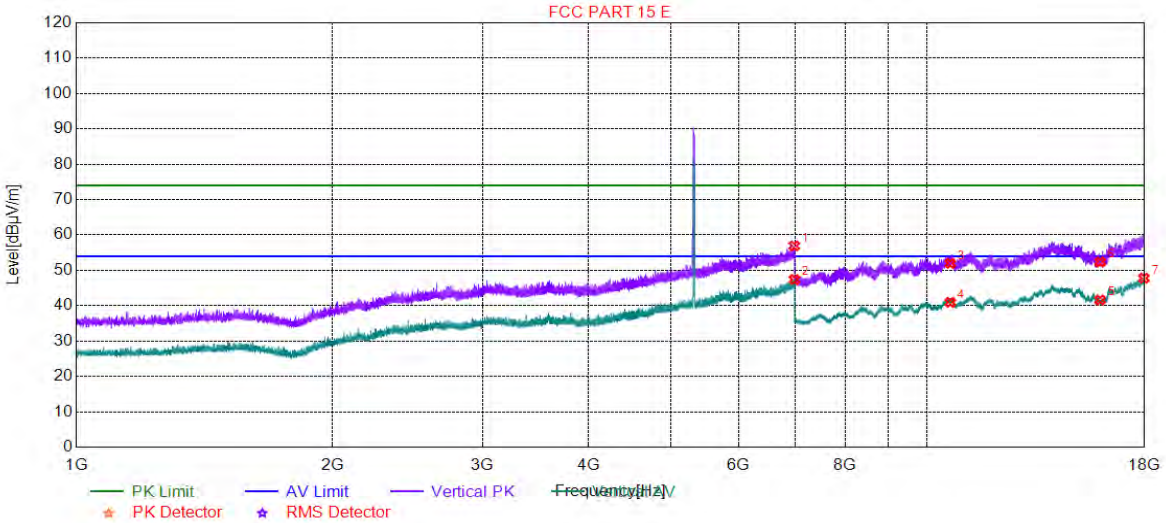
4.9.2.6 11A20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6975.69	56.93	21.26	74.00	17.07	265	170	Vertical
2	6978.99	47.39	21.26	54.00	6.61	266	321	Vertical
3	10640.0	51.97	-2.84	74.00	22.03	269	92	Vertical
4	10640.0	40.95	-2.84	54.00	13.05	157	292	Vertical
5	15960.0	41.63	-0.61	54.00	12.37	187	242	Vertical
6	15960.0	52.34	-0.61	74.00	21.66	193	142	Vertical
7	17960.9	47.78	1.71	54.00	6.22	221	0	Vertical

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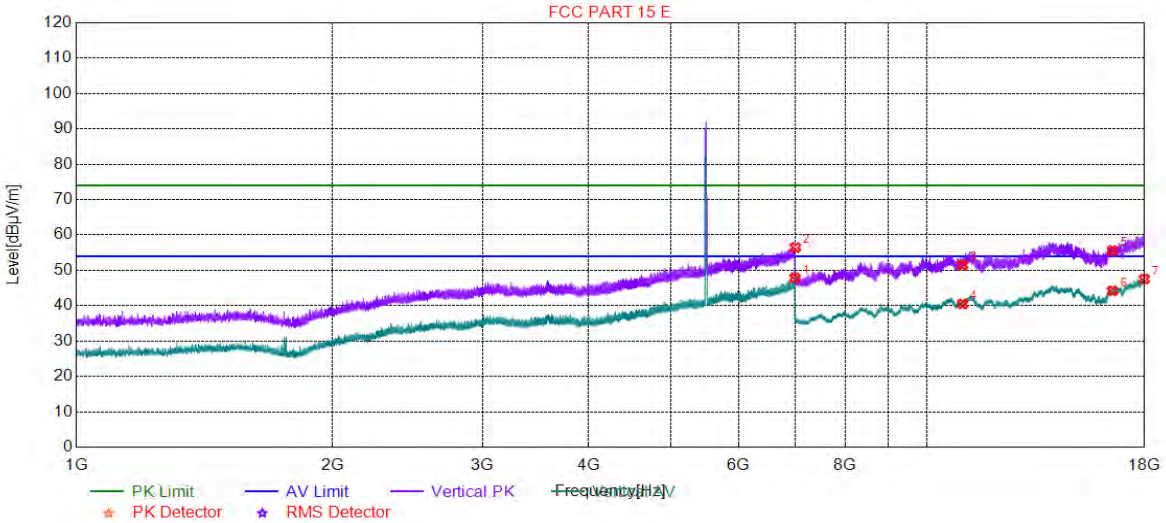
4.9.2.7 11A20_100 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6986.79	47.87	21.27	54.00	6.13	292	269	Vertical
2	6998.19	56.51	21.27	74.00	17.49	268	219	Vertical
3	11000.0	51.51	-2.17	74.00	22.49	205	40	Vertical
4	11000.0	40.51	-2.17	54.00	13.49	243	292	Vertical
5	16500.0	55.65	0.34	74.00	18.35	231	242	Vertical
6	16500.0	44.21	0.34	54.00	9.79	211	141	Vertical
7	17984.0	47.55	1.72	54.00	6.45	271	242	Vertical

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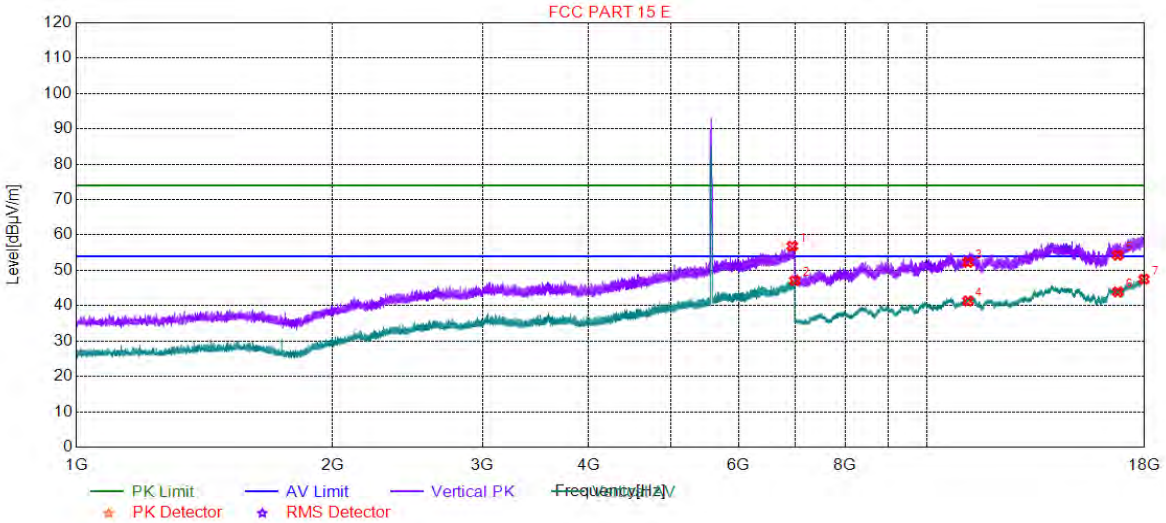
4.9.2.8 11A20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.89	56.84	21.15	74.00	17.16	248	119	Vertical
2	6986.19	47.11	21.27	54.00	6.89	162	220	Vertical
3	11160.0	52.26	-2.32	74.00	21.74	200	91	Vertical
4	11160.0	41.33	-2.32	54.00	12.67	229	342	Vertical
5	16740.0	54.28	0.71	74.00	19.72	259	41	Vertical
6	16740.0	43.91	0.71	54.00	10.09	202	292	Vertical
7	17970.8	47.51	1.71	54.00	6.49	163	242	Vertical

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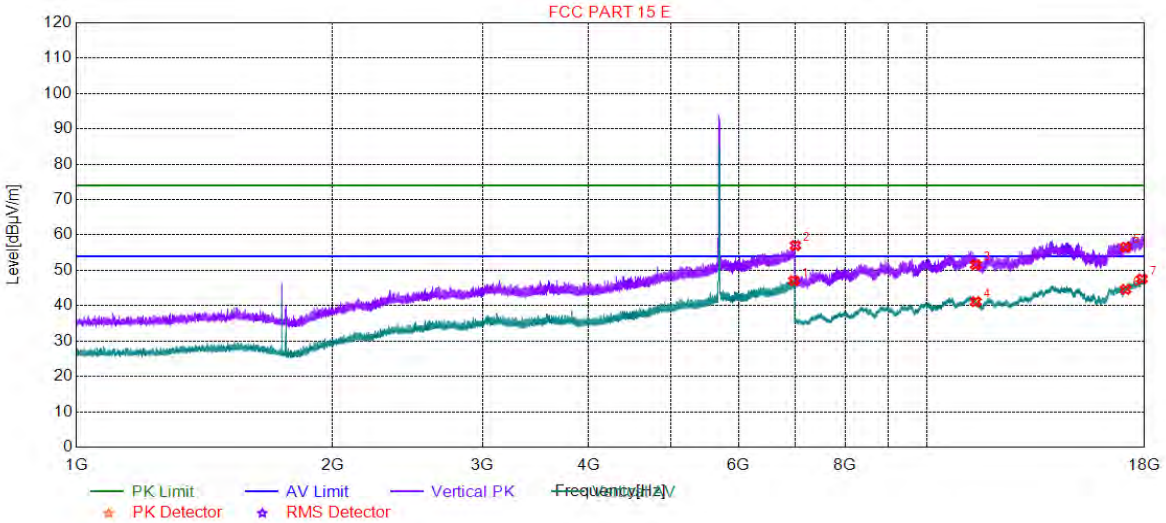
4.9.2.9 11A20_140 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6971.49	47.08	21.26	54.00	6.92	290	360	Vertical
2	6997.89	57.05	21.27	74.00	16.95	188	69	Vertical
3	11400.0	51.59	-2.15	74.00	22.41	183	242	Vertical
4	11400.0	41.13	-2.15	54.00	12.87	164	32	Vertical
5	17100.0	56.57	0.04	74.00	17.43	159	32	Vertical
6	17100.0	44.59	0.04	54.00	9.41	160	342	Vertical
7	17872.9	47.59	1.33	54.00	6.41	271	242	Vertical

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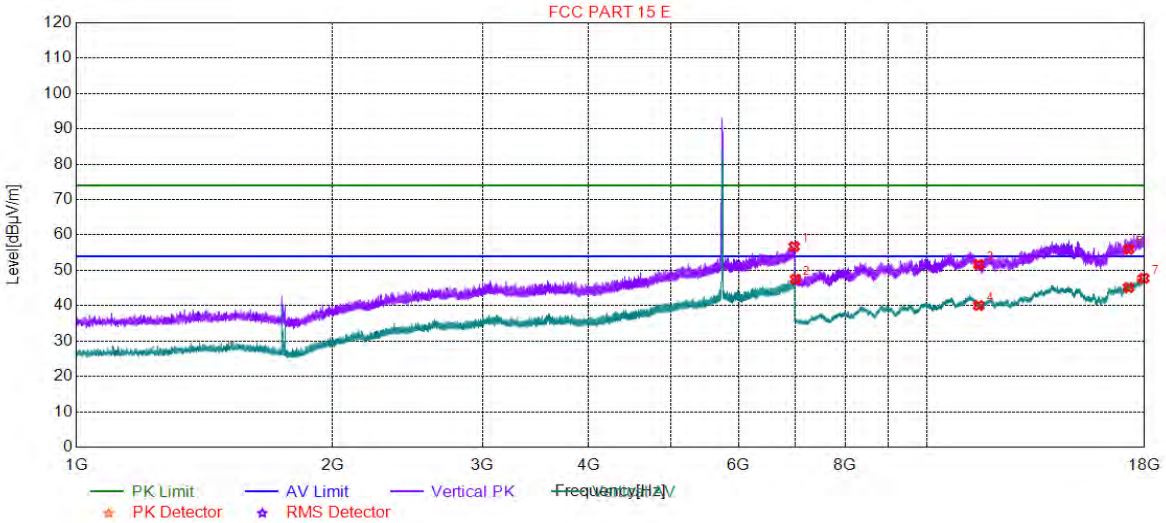
4.9.2.10 11A20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	56.74	21.26	74.00	17.26	281	169	Vertical
2	6998.19	47.49	21.27	54.00	6.51	206	169	Vertical
3	11490.0	51.66	-2.03	74.00	22.34	218	342	Vertical
4	11490.0	40.05	-2.03	54.00	13.95	233	241	Vertical
5	17235.0	55.91	0.33	74.00	18.09	217	91	Vertical
6	17235.0	45.10	0.33	54.00	8.90	263	342	Vertical
7	17962.5	47.76	1.71	54.00	6.24	233	41	Vertical

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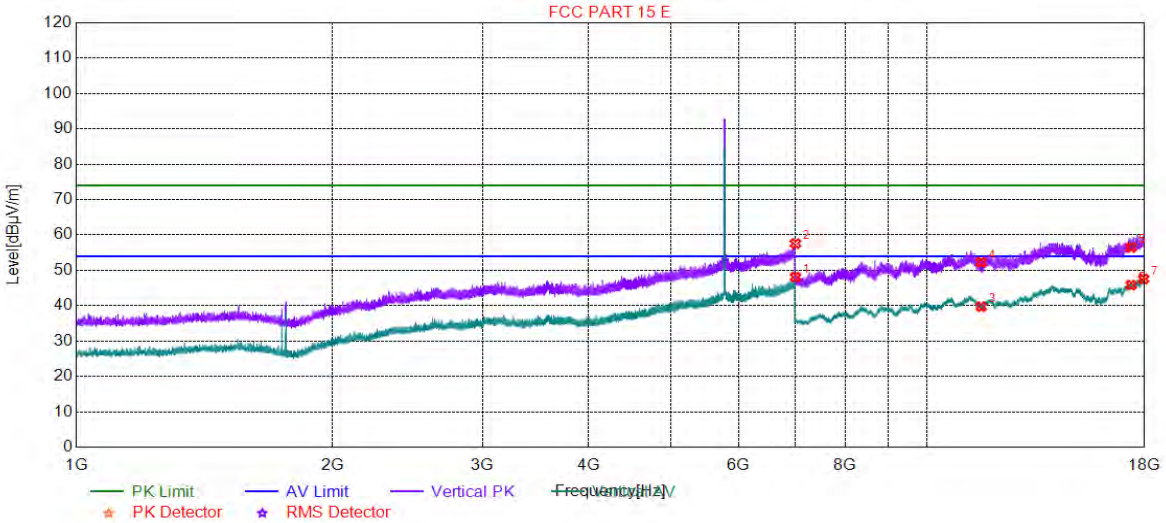
4.9.2.11 11A20_157 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6999.10	48.10	21.27	54.00	5.90	243	270	Vertical
2	6999.70	57.58	21.27	74.00	16.42	237	68	Vertical
3	11570.0	39.74	-2.39	54.00	14.26	193	342	Vertical
4	11570.0	52.30	-2.39	74.00	21.70	282	0	Vertical
5	17355.0	56.47	1.06	74.00	17.53	190	291	Vertical
6	17355.0	45.84	1.06	54.00	8.16	182	140	Vertical
7	17948.8	47.58	1.70	54.00	6.42	246	140	Vertical

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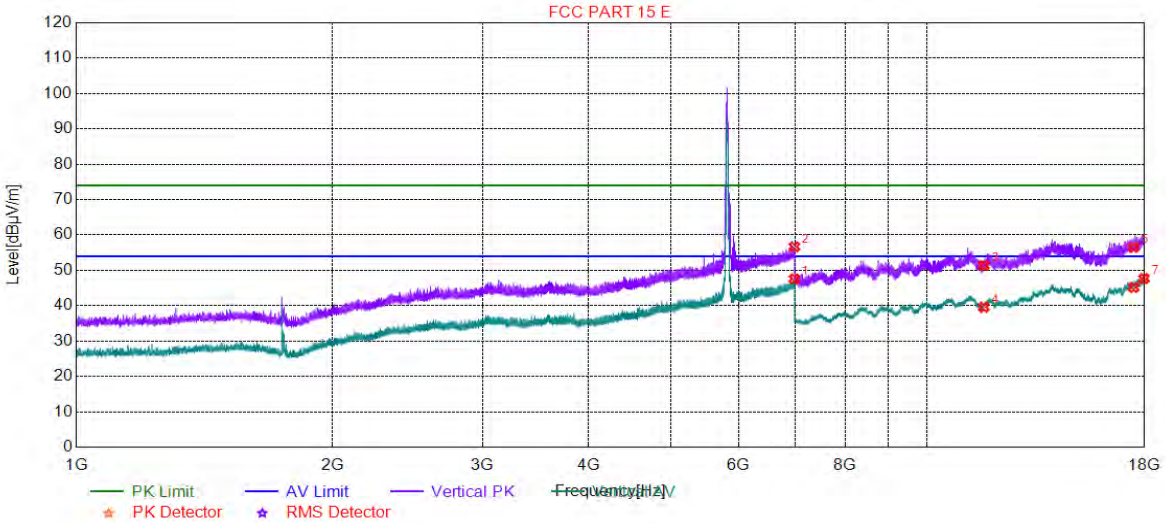
4.9.2.12 11A20_161 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6977.79	47.59	21.26	54.00	6.41	291	69	Vertical
2	6979.29	56.68	21.26	74.00	17.32	180	220	Vertical
3	11650.0	51.36	-2.49	74.00	22.64	156	189	Vertical
4	11650.0	39.58	-2.49	54.00	14.42	288	189	Vertical
5	17475.0	56.47	1.76	74.00	17.53	184	0	Vertical
6	17475.0	45.14	1.76	54.00	8.86	178	189	Vertical
7	17971.3	47.70	1.71	54.00	6.30	166	290	Vertical

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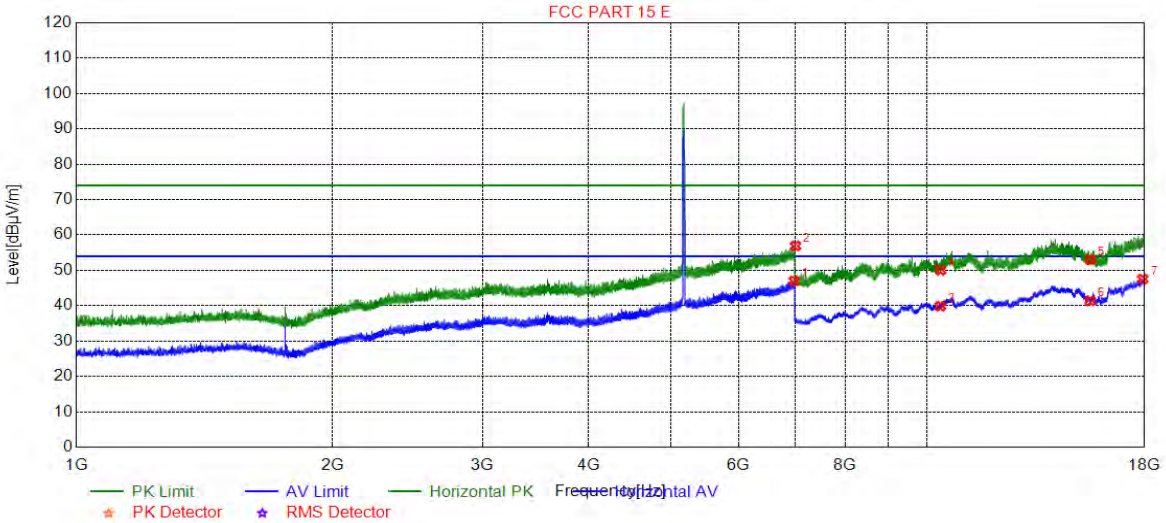
4.9.2.13 11A20_36 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6975.69	47.01	21.26	54.00	6.99	182	141	Horizontal
2	6999.10	56.90	21.27	74.00	17.10	162	191	Horizontal
3	10360.0	39.90	-3.63	54.00	14.10	226	18	Horizontal
4	10360.0	50.05	-3.63	74.00	23.95	232	168	Horizontal
5	15540.0	52.99	0.46	74.00	21.01	143	267	Horizontal
6	15540.0	41.38	0.46	54.00	12.62	192	168	Horizontal
7	17910.3	47.57	1.69	54.00	6.43	246	68	Horizontal

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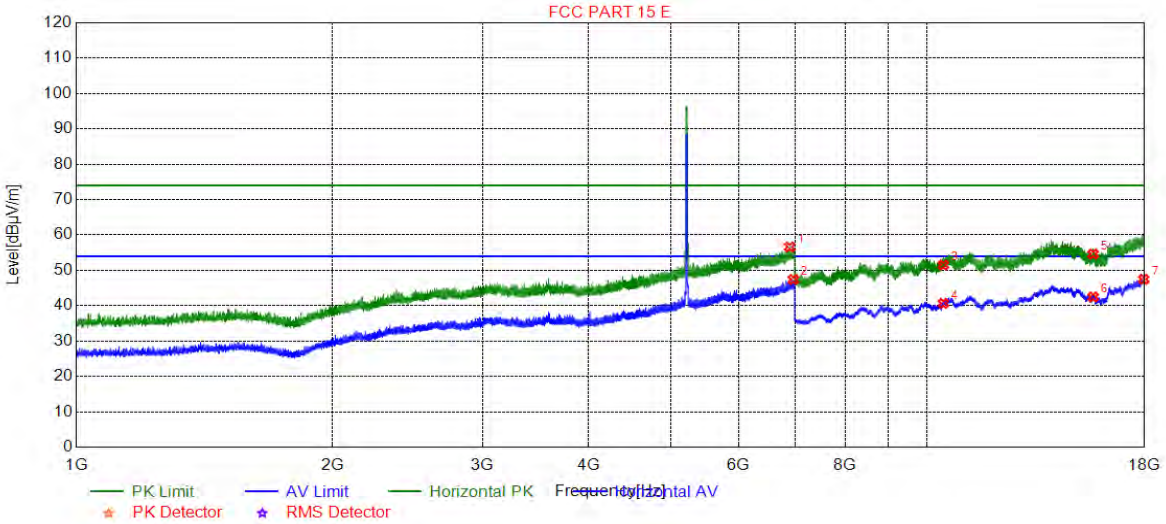
4.9.2.14 11A20_44 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6891.39	56.62	20.82	74.00	17.38	111	241	Horizontal
2	6959.19	47.40	21.26	54.00	6.60	233	191	Horizontal
3	10440.0	51.52	-3.24	74.00	22.48	239	360	Horizontal
4	10440.0	40.66	-3.24	54.00	13.34	118	18	Horizontal
5	15660.0	54.62	0.43	74.00	19.38	218	269	Horizontal
6	15660.0	42.48	0.43	54.00	11.52	128	69	Horizontal
7	17956.5	47.46	1.71	54.00	6.54	229	119	Horizontal

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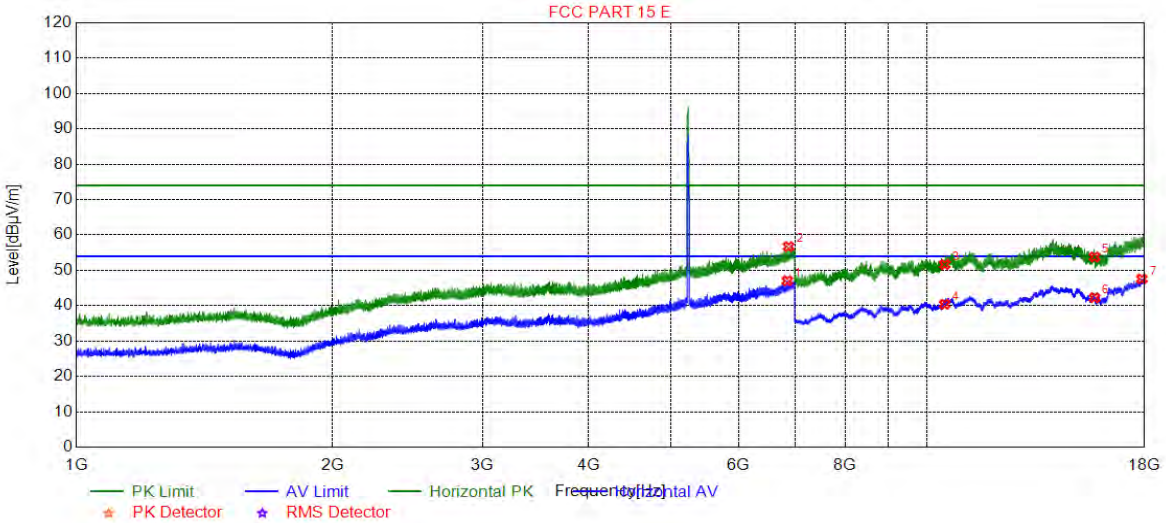
4.9.2.15 11A20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6846.09	47.06	20.85	54.00	6.94	135	137	Horizontal
2	6868.59	56.73	20.86	74.00	17.27	211	289	Horizontal
3	10480.0	51.64	-2.94	74.00	22.36	139	269	Horizontal
4	10480.0	40.42	-2.94	54.00	13.58	214	269	Horizontal
5	15720.0	53.79	0.29	74.00	20.21	109	69	Horizontal
6	15720.0	42.26	0.29	54.00	11.74	108	220	Horizontal
7	17864.6	47.57	1.22	54.00	6.43	233	319	Horizontal

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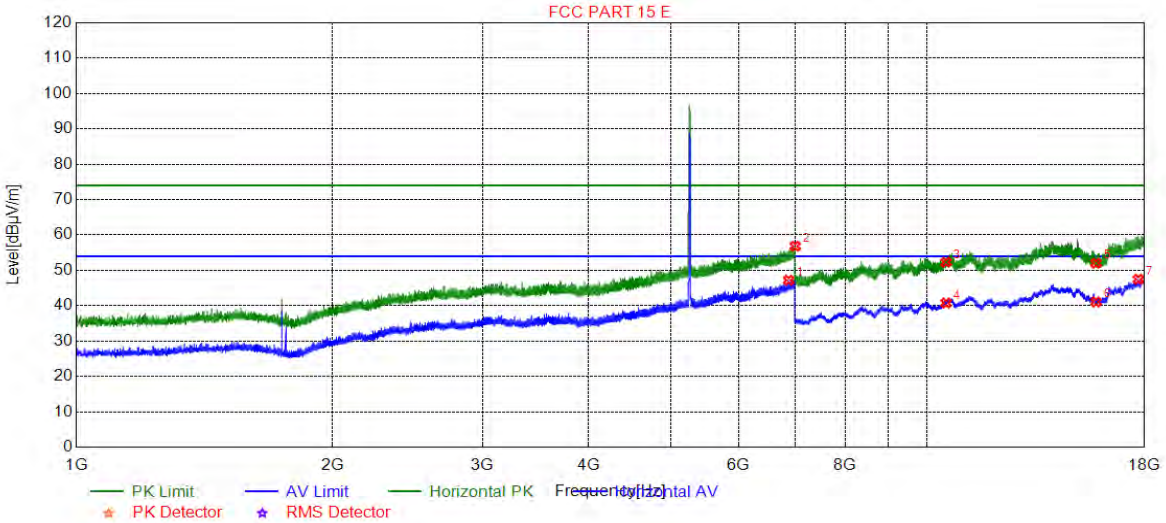
4.9.2.16 11A20_52 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6870.39	47.21	20.85	54.00	6.79	124	342	Horizontal
2	6994.29	56.83	21.27	74.00	17.17	128	191	Horizontal
3	10520.0	52.30	-2.80	74.00	21.70	168	360	Horizontal
4	10520.0	40.75	-2.80	54.00	13.25	132	168	Horizontal
5	15780.0	52.03	-0.72	74.00	21.97	223	118	Horizontal
6	15780.0	41.09	-0.72	54.00	12.91	189	168	Horizontal
7	17699.6	47.47	2.36	54.00	6.53	217	217	Horizontal

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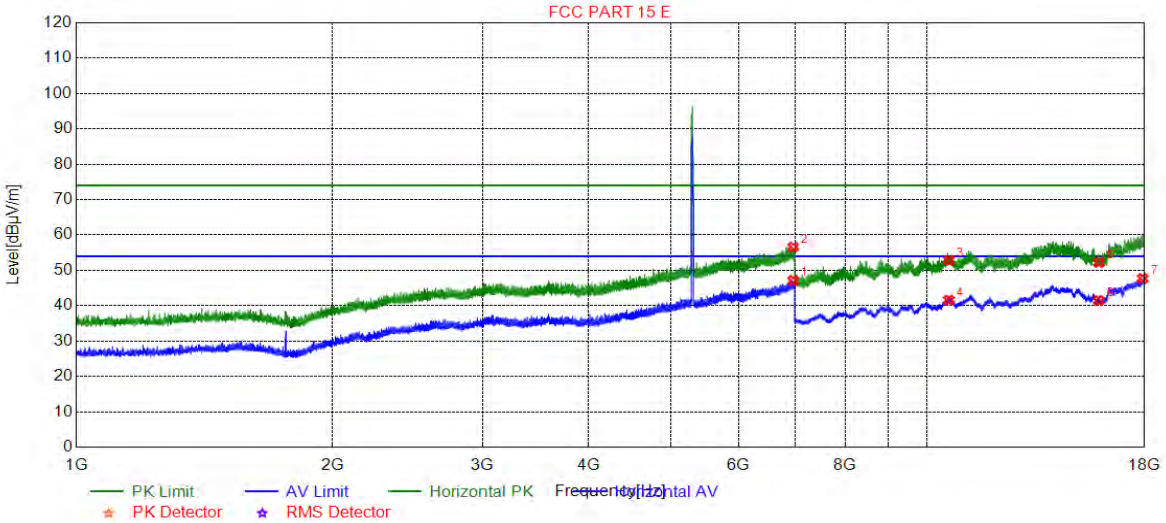
4.9.2.17 11A20_60 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.39	47.13	21.26	54.00	6.87	223	0	Horizontal
2	6957.39	56.61	21.26	74.00	17.39	113	40	Horizontal
3	10600.0	52.83	-2.86	74.00	21.17	215	218	Horizontal
4	10600.0	41.59	-2.86	54.00	12.41	201	317	Horizontal
5	15900.0	52.22	-0.51	74.00	21.78	147	68	Horizontal
6	15900.0	41.46	-0.51	54.00	12.54	186	119	Horizontal
7	17905.9	47.70	1.69	54.00	6.30	166	18	Horizontal

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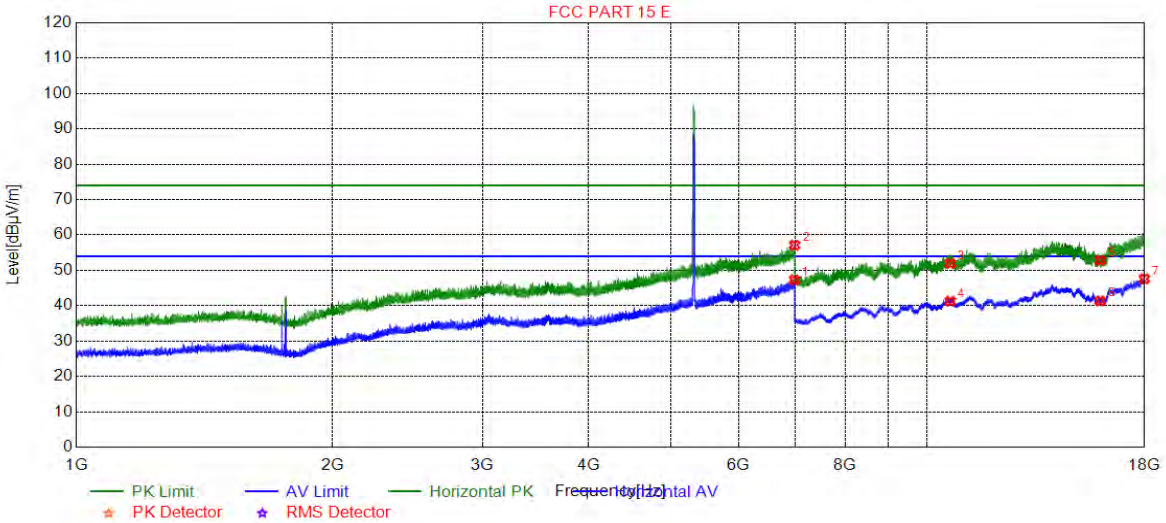
4.9.2.18 11A20_64 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.59	47.27	21.26	54.00	6.73	135	342	Horizontal
2	6983.49	57.12	21.27	74.00	16.88	112	190	Horizontal
3	10640.0	51.95	-2.84	74.00	22.05	205	221	Horizontal
4	10640.0	41.25	-2.84	54.00	12.75	192	271	Horizontal
5	15960.0	52.82	-0.61	74.00	21.18	146	271	Horizontal
6	15960.0	41.34	-0.61	54.00	12.66	157	360	Horizontal
7	17986.7	47.61	1.72	54.00	6.39	212	221	Horizontal

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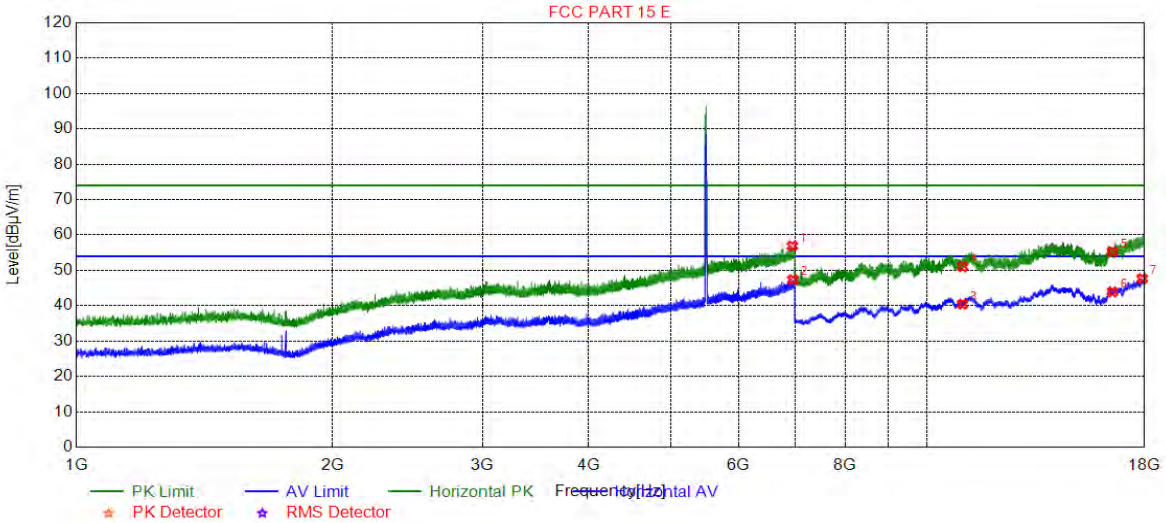
4.9.2.19 11A20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.09	56.90	21.16	74.00	17.10	220	191	Horizontal
2	6949.29	47.36	21.25	54.00	6.64	152	40	Horizontal
3	11000.0	40.45	-2.17	54.00	13.55	247	319	Horizontal
4	11000.0	51.04	-2.17	74.00	22.96	168	360	Horizontal
5	16500.0	55.26	0.34	74.00	18.74	171	18	Horizontal
6	16500.0	43.91	0.34	54.00	10.09	159	68	Horizontal
7	17885.5	47.65	1.50	54.00	6.35	145	319	Horizontal

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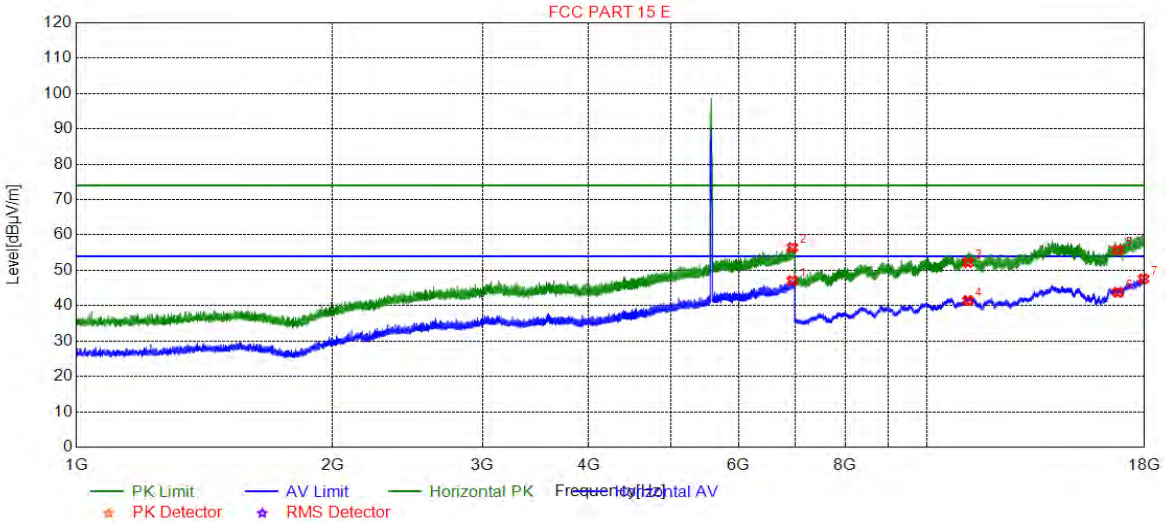
4.9.2.20 11A20_116 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.29	47.08	21.17	54.00	6.92	233	342	Horizontal
2	6940.29	56.43	21.17	74.00	17.57	177	140	Horizontal
3	11160.0	52.18	-2.32	74.00	21.82	110	68	Horizontal
4	11160.0	41.46	-2.32	54.00	12.54	172	318	Horizontal
5	16740.0	55.83	0.71	74.00	18.17	132	118	Horizontal
6	16740.0	43.78	0.71	54.00	10.22	200	18	Horizontal
7	17946.0	47.59	1.70	54.00	6.41	128	68	Horizontal

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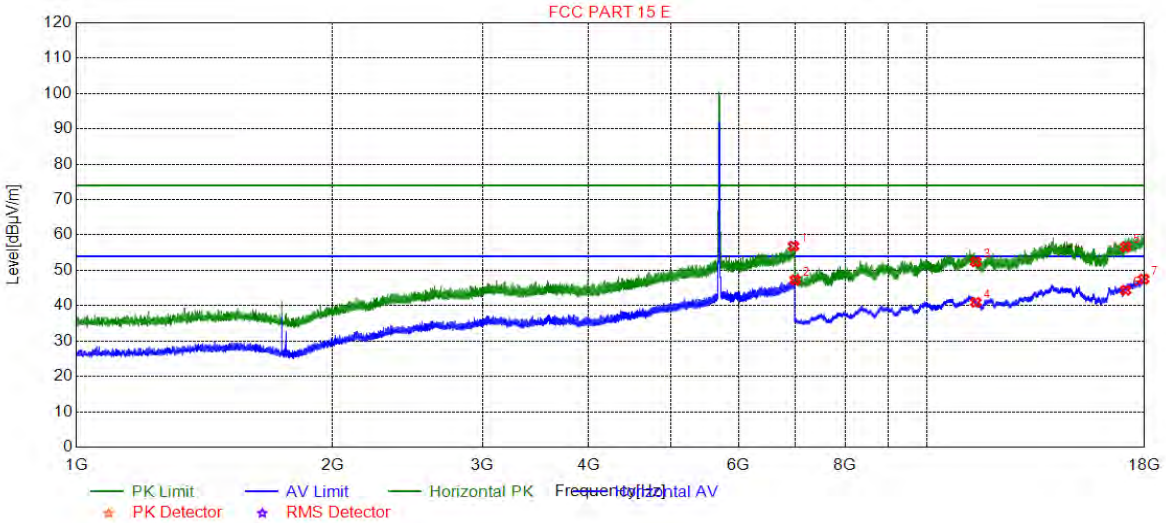
4.9.2.21 11A20_140 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.19	56.85	21.26	74.00	17.15	168	292	Horizontal
2	6992.49	47.27	21.27	54.00	6.73	249	292	Horizontal
3	11400.0	52.41	-2.15	74.00	21.59	235	18	Horizontal
4	11400.0	40.97	-2.15	54.00	13.03	146	220	Horizontal
5	17100.0	56.64	0.04	74.00	17.36	106	360	Horizontal
6	17100.0	44.37	0.04	54.00	9.63	193	271	Horizontal
7	17953.2	47.55	1.71	54.00	6.45	231	220	Horizontal

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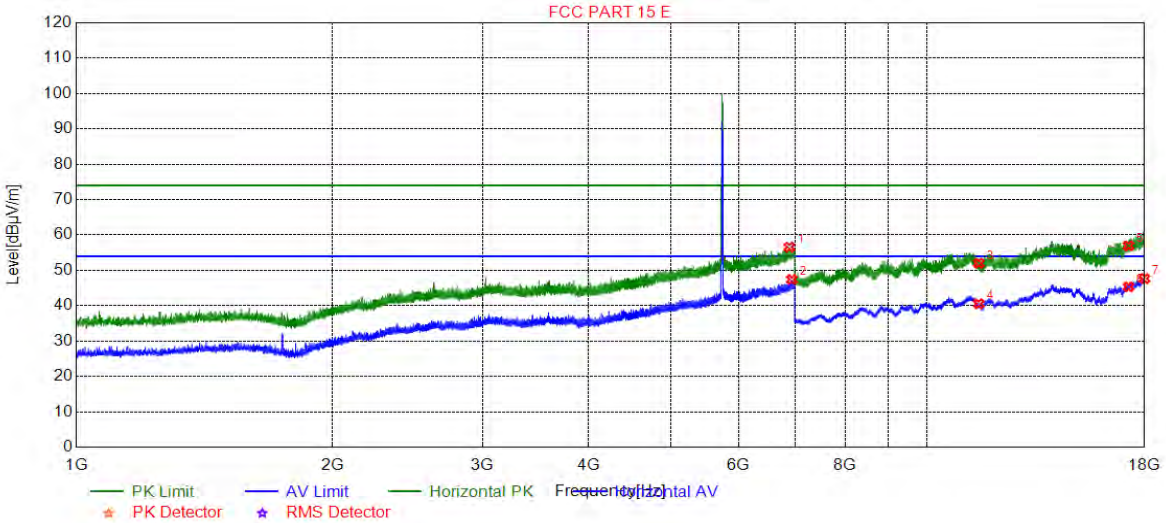
4.9.2.22 11A20_149 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6885.09	56.58	20.83	74.00	17.42	231	292	Horizontal
2	6929.19	47.41	21.07	54.00	6.59	100	241	Horizontal
3	11490.0	52.01	-2.03	74.00	21.99	182	270	Horizontal
4	11490.0	40.57	-2.03	54.00	13.43	200	119	Horizontal
5	17235.0	56.95	0.33	74.00	17.05	219	119	Horizontal
6	17235.0	45.35	0.33	54.00	8.65	106	170	Horizontal
7	17997.7	47.67	1.72	54.00	6.33	107	270	Horizontal

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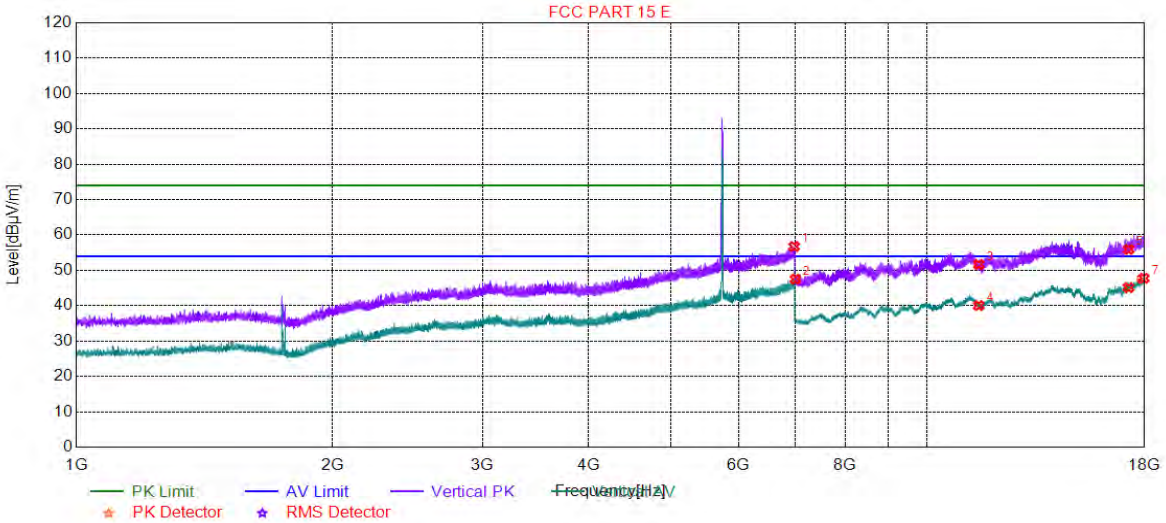
4.9.2.23 11A20_157 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6973.89	56.74	21.26	74.00	17.26	281	169	Vertical
2	6998.19	47.49	21.27	54.00	6.51	206	169	Vertical
3	11490.0	51.66	-2.03	74.00	22.34	218	342	Vertical
4	11490.0	40.05	-2.03	54.00	13.95	233	241	Vertical
5	17235.0	55.91	0.33	74.00	18.09	217	91	Vertical
6	17235.0	45.10	0.33	54.00	8.90	263	342	Vertical
7	17962.5	47.76	1.71	54.00	6.24	233	41	Vertical

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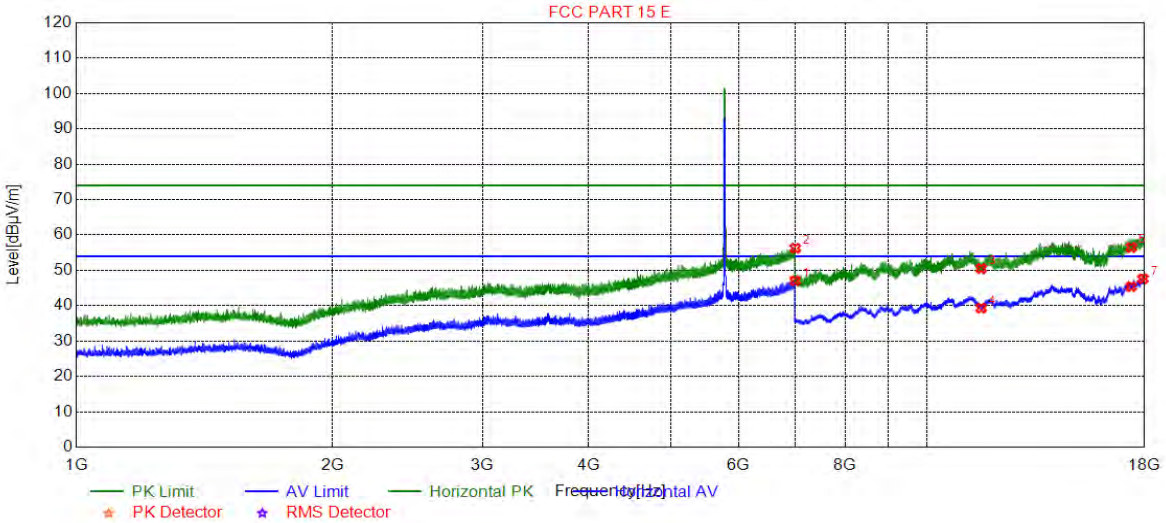
4.9.2.24 11A20_161 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6990.99	47.05	21.27	54.00	6.95	237	140	Horizontal
2	6996.99	56.25	21.27	74.00	17.75	228	291	Horizontal
3	11570.0	50.51	-2.39	74.00	23.49	172	360	Horizontal
4	11570.0	39.34	-2.39	54.00	14.66	158	269	Horizontal
5	17355.0	56.47	1.06	74.00	17.53	161	318	Horizontal
6	17355.0	45.41	1.06	54.00	8.59	211	218	Horizontal
7	17920.2	47.61	1.70	54.00	6.39	120	169	Horizontal

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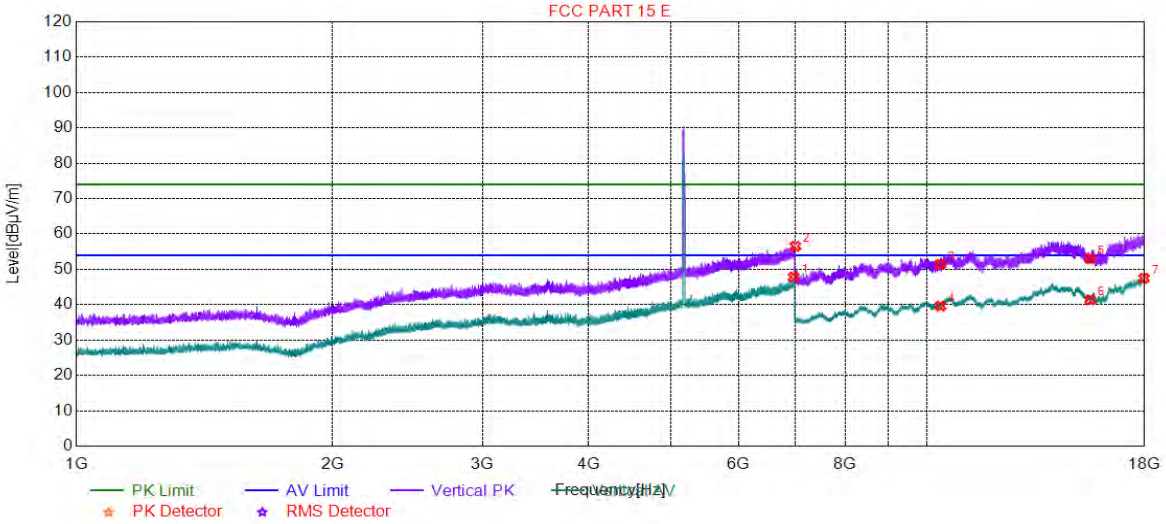
4.9.2.25 11N20_36 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6965.19	47.83	21.26	54.00	6.17	200	169	Vertical
2	6996.99	56.53	21.27	74.00	17.47	193	269	Vertical
3	10360.0	51.40	-3.63	74.00	22.60	270	39	Vertical
4	10360.0	39.62	-3.63	54.00	14.38	184	242	Vertical
5	15540.0	53.01	0.46	74.00	20.99	250	191	Vertical
6	15540.0	41.38	0.46	54.00	12.62	241	292	Vertical
7	17969.7	47.47	1.71	54.00	6.53	295	140	Vertical

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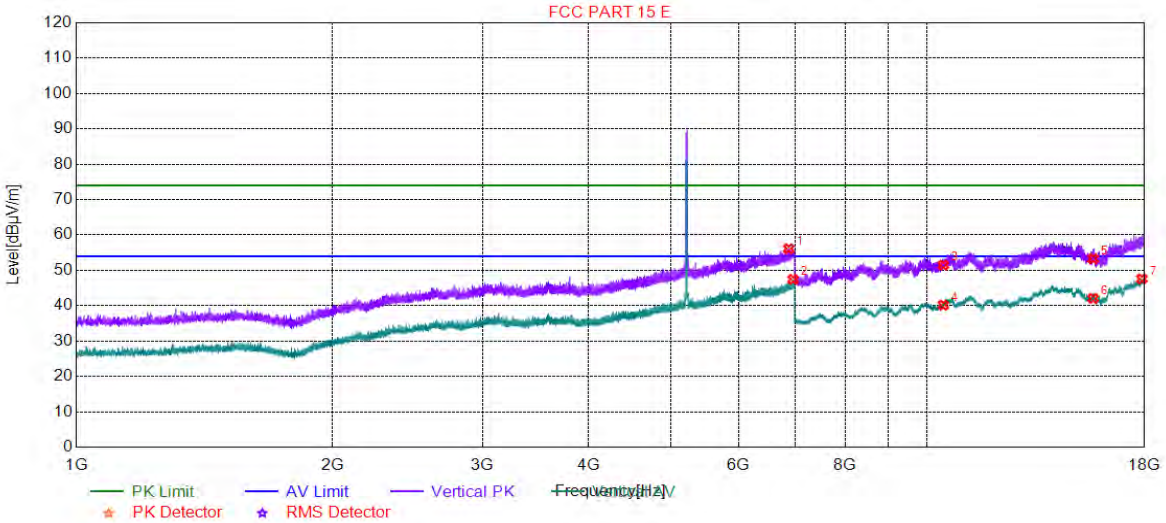
4.9.2.26 11N20_44 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6871.89	56.12	20.85	74.00	17.88	264	170	Vertical
2	6953.49	47.45	21.26	54.00	6.55	184	120	Vertical
3	10440.0	51.49	-3.24	74.00	22.51	233	39	Vertical
4	10440.0	40.17	-3.24	54.00	13.83	203	39	Vertical
5	15660.0	53.29	0.43	74.00	20.71	268	140	Vertical
6	15660.0	42.07	0.43	54.00	11.93	271	39	Vertical
7	17866.8	47.62	1.25	54.00	6.38	217	140	Vertical

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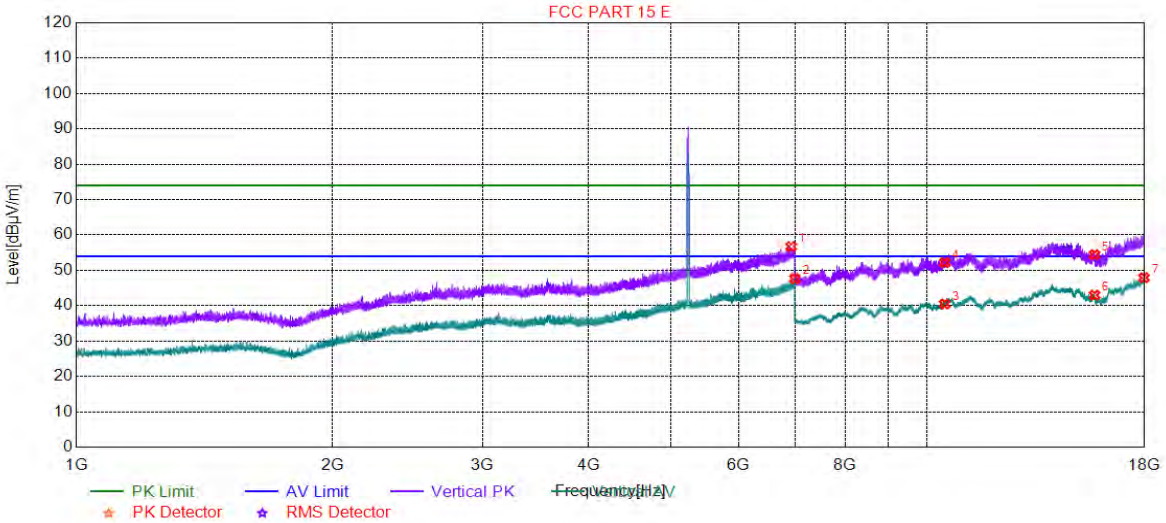
4.9.2.27 11N20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6918.09	56.74	20.97	74.00	17.26	234	269	Vertical
2	6988.29	47.66	21.27	54.00	6.34	249	18	Vertical
3	10480.0	40.48	-2.94	54.00	13.52	236	241	Vertical
4	10480.0	52.20	-2.94	74.00	21.80	282	342	Vertical
5	15720.0	54.44	0.29	74.00	19.56	197	191	Vertical
6	15720.0	42.99	0.29	54.00	11.01	288	191	Vertical
7	17969.1	47.91	1.71	54.00	6.09	193	140	Vertical

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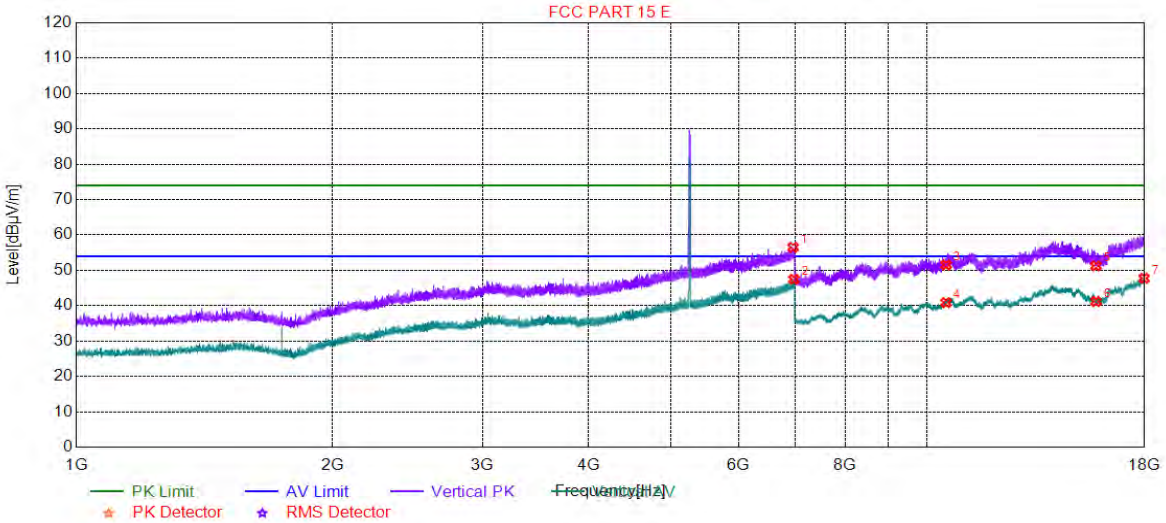
4.9.2.28 11N20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6954.09	56.53	21.26	74.00	17.47	202	270	Vertical
2	6969.69	47.48	21.26	54.00	6.52	242	170	Vertical
3	10520.0	51.55	-2.80	74.00	22.45	237	342	Vertical
4	10520.0	40.88	-2.80	54.00	13.12	169	291	Vertical
5	15780.0	51.28	-0.72	74.00	22.72	253	41	Vertical
6	15780.0	41.19	-0.72	54.00	12.81	236	0	Vertical
7	17974.1	47.76	1.71	54.00	6.24	204	241	Vertical

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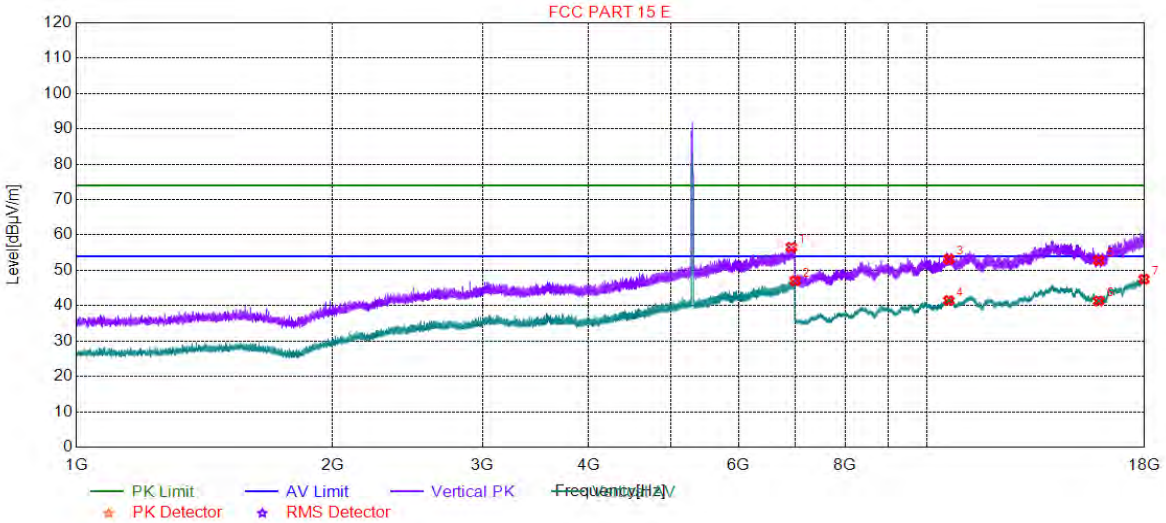
4.9.2.29 11N20_60 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6920.49	56.55	20.99	74.00	17.45	153	68	Vertical
2	6990.99	47.04	21.27	54.00	6.96	264	269	Vertical
3	10600.0	53.16	-2.86	74.00	20.84	179	41	Vertical
4	10600.0	41.47	-2.86	54.00	12.53	204	291	Vertical
5	15900.0	52.77	-0.51	74.00	21.23	252	142	Vertical
6	15900.0	41.33	-0.51	54.00	12.67	256	291	Vertical
7	17969.7	47.50	1.71	54.00	6.50	281	91	Vertical

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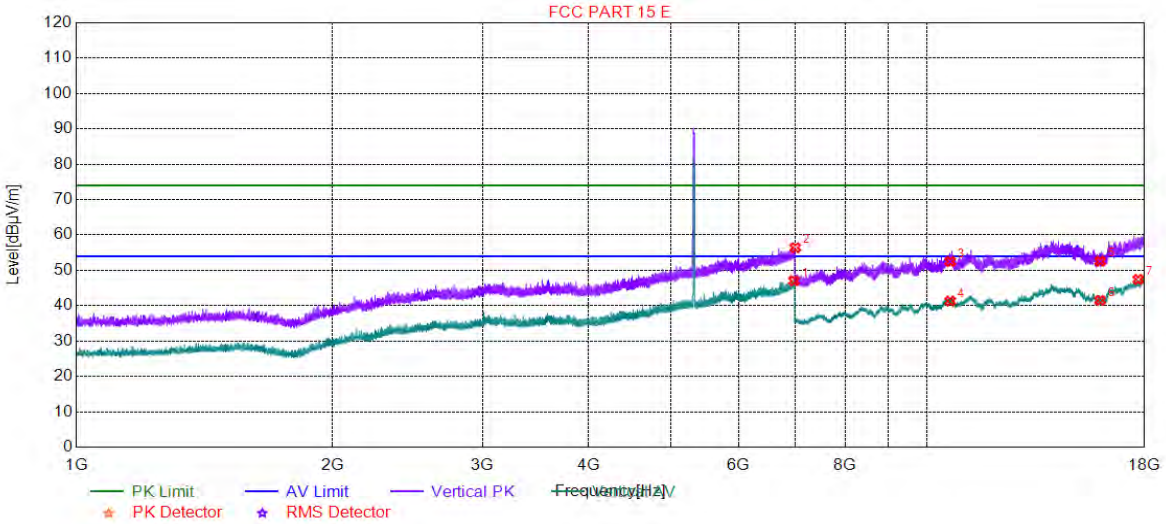
4.9.2.30 11N20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6970.29	47.05	21.26	54.00	6.95	274	220	Vertical
2	6995.79	56.44	21.27	74.00	17.56	278	69	Vertical
3	10640.0	52.50	-2.84	74.00	21.50	206	0	Vertical
4	10640.0	41.30	-2.84	54.00	12.70	211	342	Vertical
5	15960.0	52.61	-0.61	74.00	21.39	256	0	Vertical
6	15960.0	41.52	-0.61	54.00	12.48	297	242	Vertical
7	17689.7	47.42	2.35	54.00	6.58	167	342	Vertical

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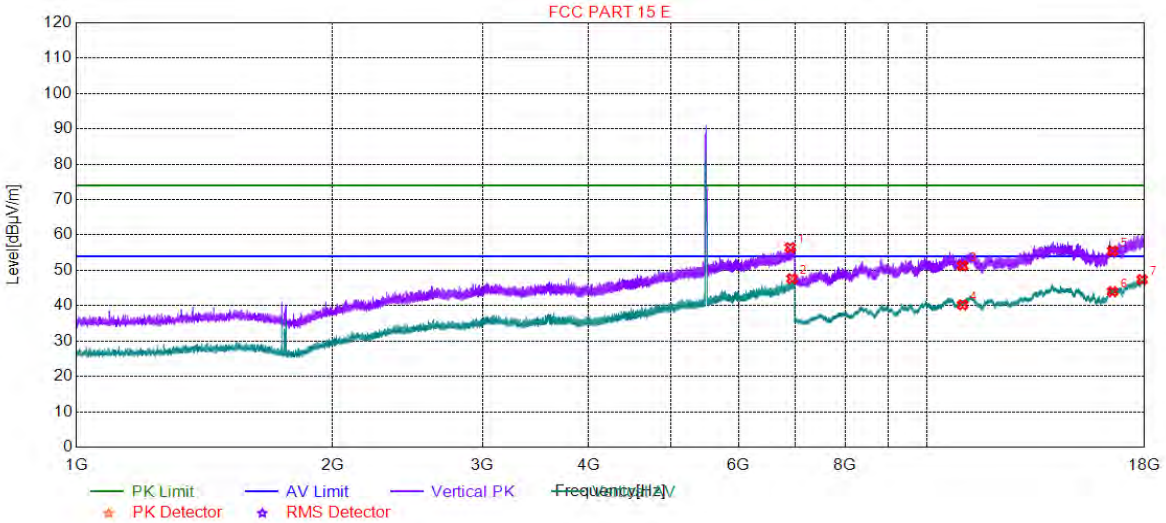
4.9.2.31 11N20_100 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6899.79	56.47	20.81	74.00	17.53	247	267	Vertical
2	6934.59	47.65	21.12	54.00	6.35	170	68	Vertical
3	11000.0	51.25	-2.17	74.00	22.75	159	0	Vertical
4	11000.0	40.23	-2.17	54.00	13.77	289	191	Vertical
5	16500.0	55.48	0.34	74.00	18.52	159	40	Vertical
6	16500.0	43.97	0.34	54.00	10.03	222	40	Vertical
7	17877.3	47.41	1.39	54.00	6.59	293	241	Vertical

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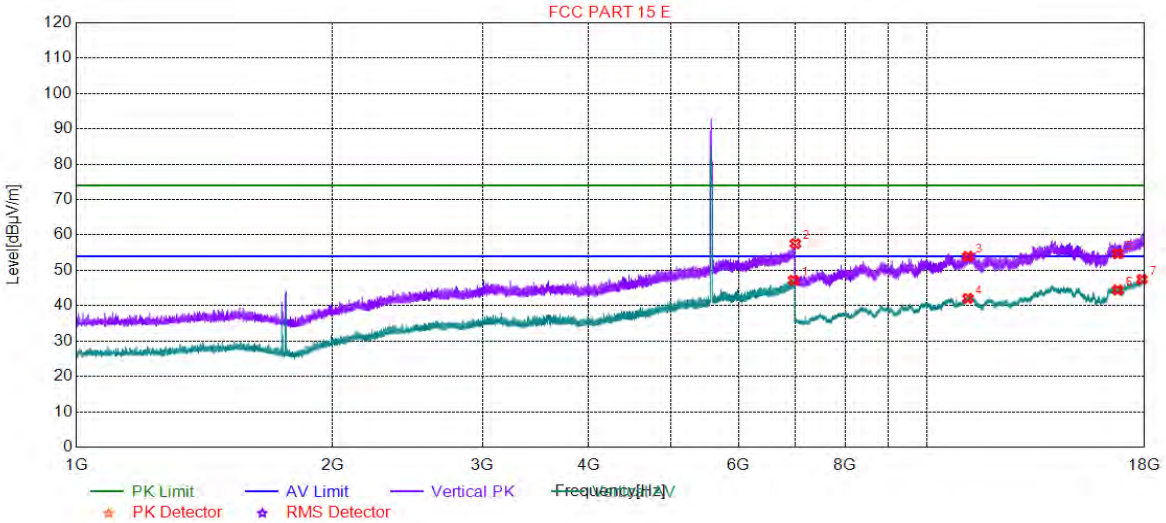
4.9.2.32 11N20_116 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.39	47.17	21.26	54.00	6.83	190	118	Vertical
2	6998.79	57.54	21.27	74.00	16.46	267	360	Vertical
3	11160.0	53.94	-2.32	74.00	20.06	167	35	Vertical
4	11160.0	42.07	-2.32	54.00	11.93	241	289	Vertical
5	16740.0	54.73	0.71	74.00	19.27	203	185	Vertical
6	16740.0	44.46	0.71	54.00	9.54	169	185	Vertical
7	17871.8	47.46	1.32	54.00	6.54	274	85	Vertical

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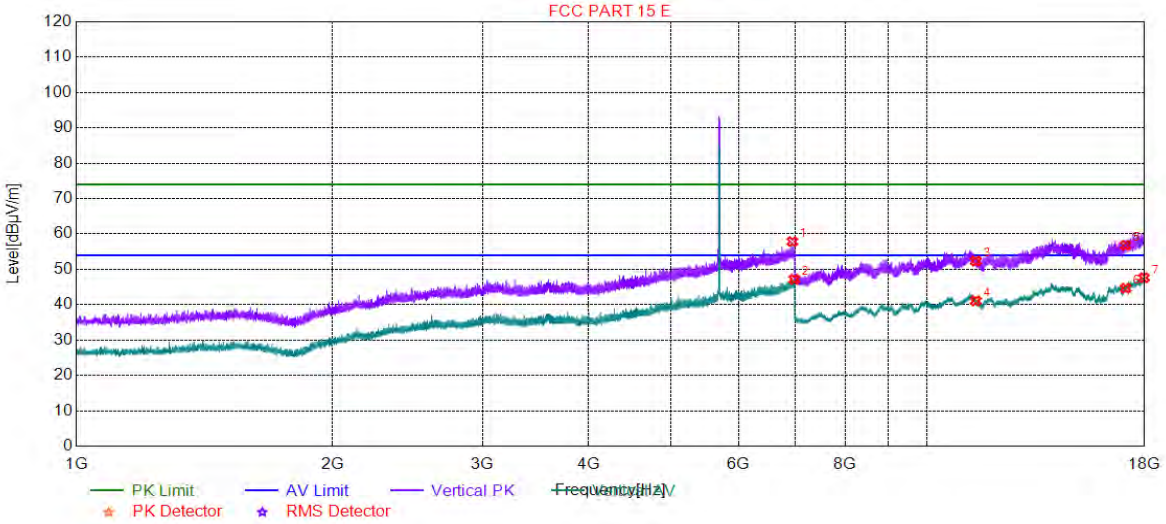
4.9.2.33 11N20_140 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.99	57.83	21.17	74.00	16.17	276	322	Vertical
2	6976.29	47.18	21.26	54.00	6.82	156	170	Vertical
3	11400.0	52.33	-2.15	74.00	21.67	281	90	Vertical
4	11400.0	41.10	-2.15	54.00	12.90	238	342	Vertical
5	17100.0	56.83	0.04	74.00	17.17	207	0	Vertical
6	17100.0	44.65	0.04	54.00	9.35	182	241	Vertical
7	17970.2	47.63	1.71	54.00	6.37	213	90	Vertical

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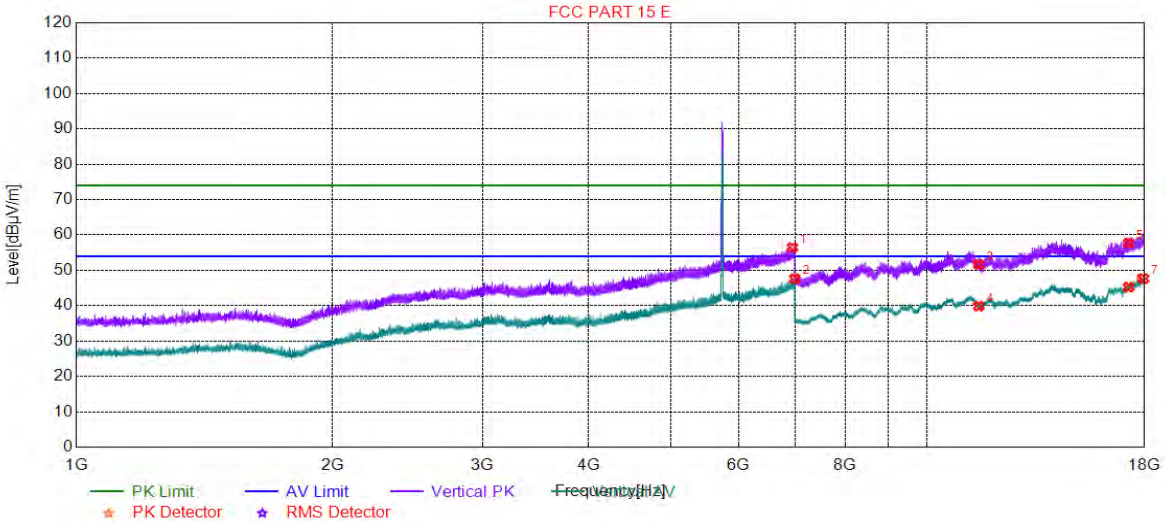
4.9.2.34 11N20_149 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6941.49	56.49	21.18	74.00	17.51	223	360	Vertical
2	6984.39	47.64	21.27	54.00	6.36	209	360	Vertical
3	11490.0	51.66	-2.03	74.00	22.34	219	241	Vertical
4	11490.0	39.89	-2.03	54.00	14.11	218	342	Vertical
5	17235.0	57.72	0.33	74.00	16.28	154	342	Vertical
6	17235.0	45.25	0.33	54.00	8.75	194	90	Vertical
7	17949.9	47.65	1.70	54.00	6.35	185	0	Vertical

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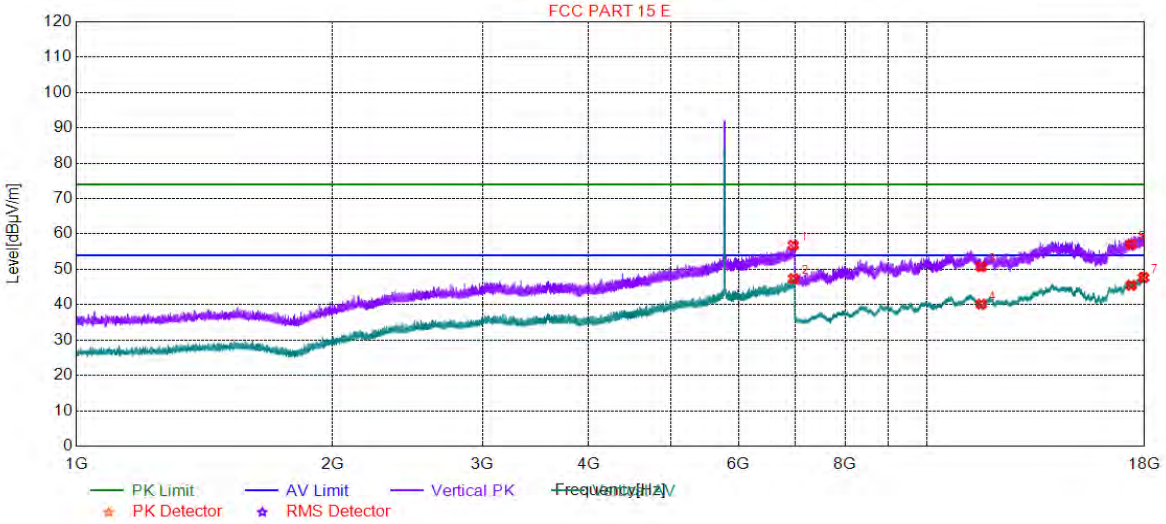
4.9.2.35 11N20_157 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6955.29	56.80	21.26	74.00	17.20	270	219	Vertical
2	6964.59	47.36	21.26	54.00	6.64	275	360	Vertical
3	11570.0	50.72	-2.39	74.00	23.28	284	241	Vertical
4	11570.0	40.15	-2.39	54.00	13.85	224	342	Vertical
5	17355.0	57.06	1.06	74.00	16.94	172	141	Vertical
6	17355.0	45.48	1.06	54.00	8.52	200	39	Vertical
7	17943.8	47.67	1.70	54.00	6.33	248	90	Vertical

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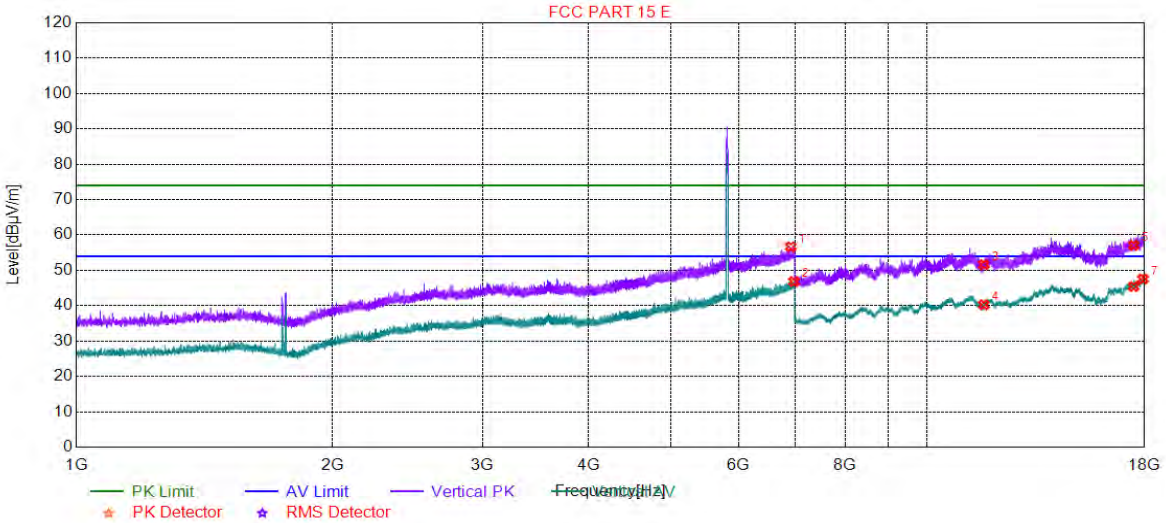
4.9.2.36 11N20_161 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6909.99	56.69	20.90	74.00	17.31	238	220	Vertical
2	6969.99	46.83	21.26	54.00	7.17	296	18	Vertical
3	11650.0	51.60	-2.49	74.00	22.40	193	292	Vertical
4	11650.0	40.26	-2.49	54.00	13.74	215	141	Vertical
5	17475.0	57.08	1.76	74.00	16.92	159	0	Vertical
6	17475.0	45.42	1.76	54.00	8.58	260	91	Vertical
7	17919.6	47.56	1.70	54.00	6.44	297	292	Vertical

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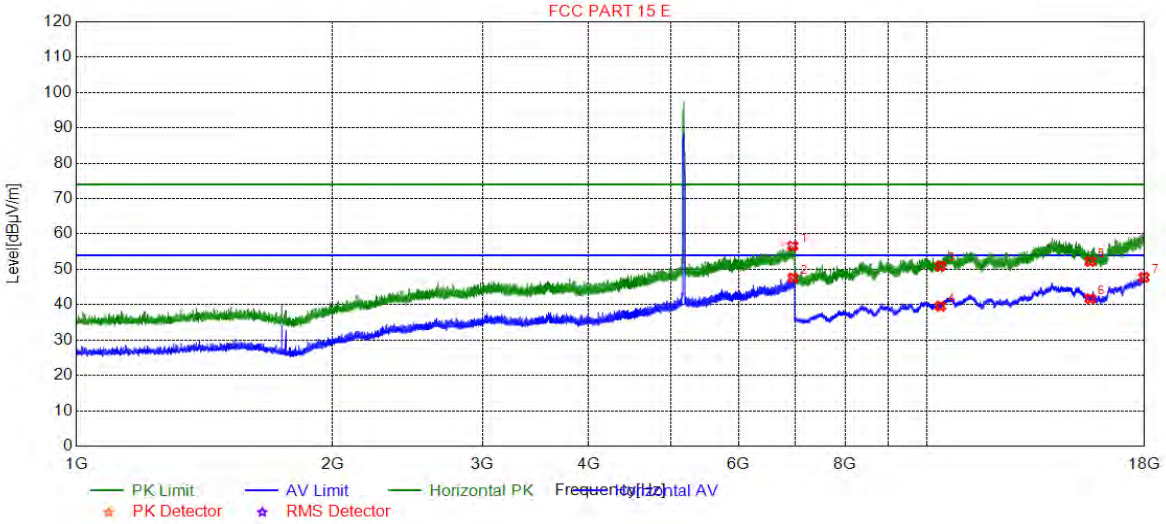
4.9.2.37 11N20_36 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6946.29	56.60	21.22	74.00	17.40	203	241	Horizontal
2	6952.29	47.60	21.26	54.00	6.40	187	241	Horizontal
3	10360.0	50.94	-3.63	74.00	23.06	199	69	Horizontal
4	10360.0	39.61	-3.63	54.00	14.39	223	319	Horizontal
5	15540.0	52.22	0.46	74.00	21.78	230	360	Horizontal
6	15540.0	41.72	0.46	54.00	12.28	118	69	Horizontal
7	17970.8	47.72	1.71	54.00	6.28	213	319	Horizontal

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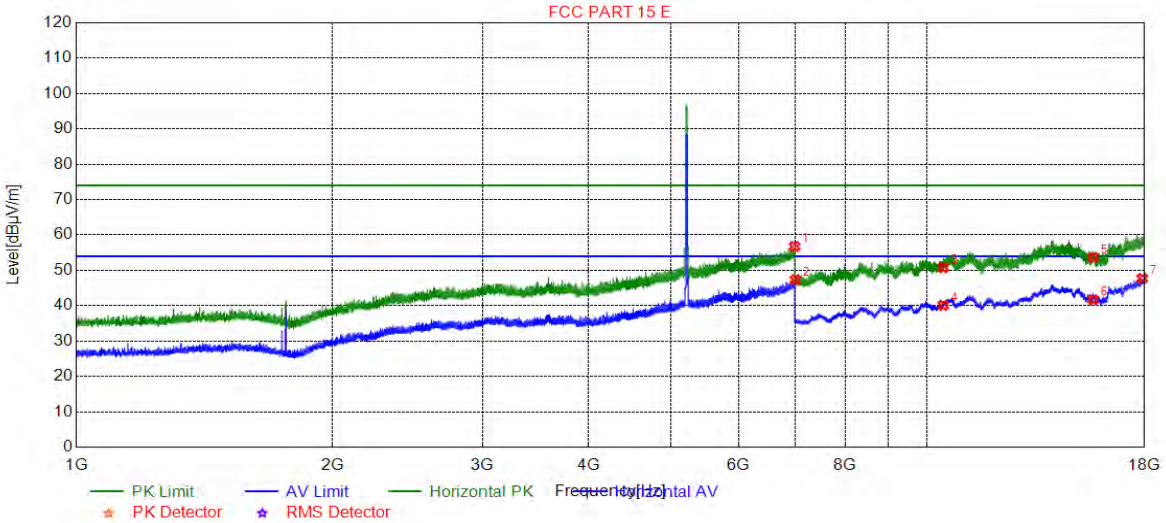
4.9.2.38 11N20_44 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6982.89	56.76	21.26	74.00	17.24	118	191	Horizontal
2	6997.89	47.35	21.27	54.00	6.65	213	291	Horizontal
3	10440.0	50.76	-3.24	74.00	23.24	220	218	Horizontal
4	10440.0	40.12	-3.24	54.00	13.88	122	218	Horizontal
5	15660.0	53.67	0.43	74.00	20.33	190	319	Horizontal
6	15660.0	41.70	0.43	54.00	12.30	220	360	Horizontal
7	17884.4	47.72	1.49	54.00	6.28	104	18	Horizontal

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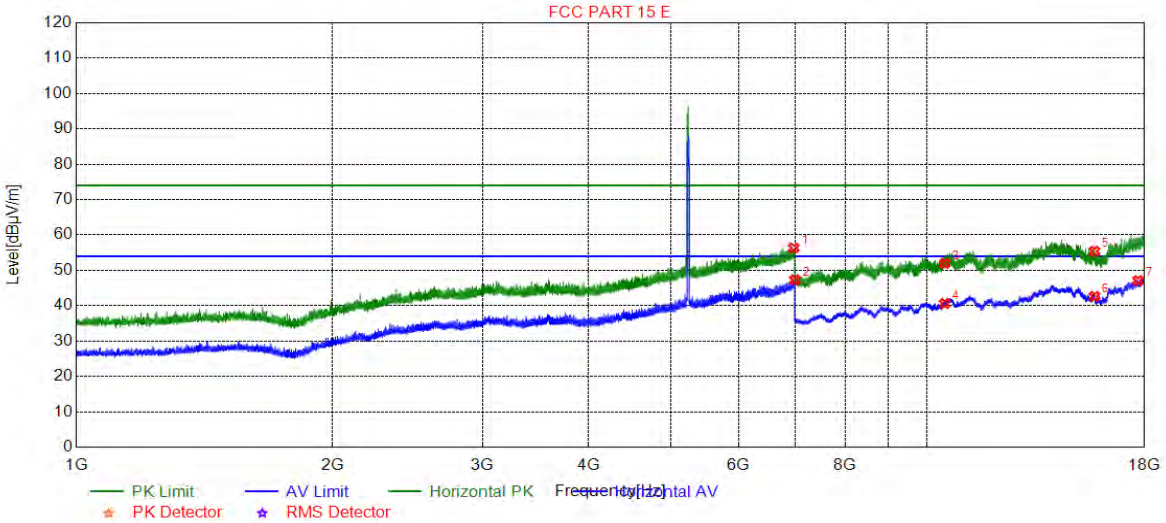
4.9.2.39 11N20_48 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.39	56.36	21.26	74.00	17.64	127	41	Horizontal
2	6988.29	47.29	21.27	54.00	6.71	143	342	Horizontal
3	10480.0	51.94	-2.94	74.00	22.06	110	169	Horizontal
4	10480.0	40.62	-2.94	54.00	13.38	206	118	Horizontal
5	15720.0	55.40	0.29	74.00	18.60	230	268	Horizontal
6	15720.0	42.66	0.29	54.00	11.34	102	218	Horizontal
7	17684.2	47.12	2.35	54.00	6.88	134	169	Horizontal

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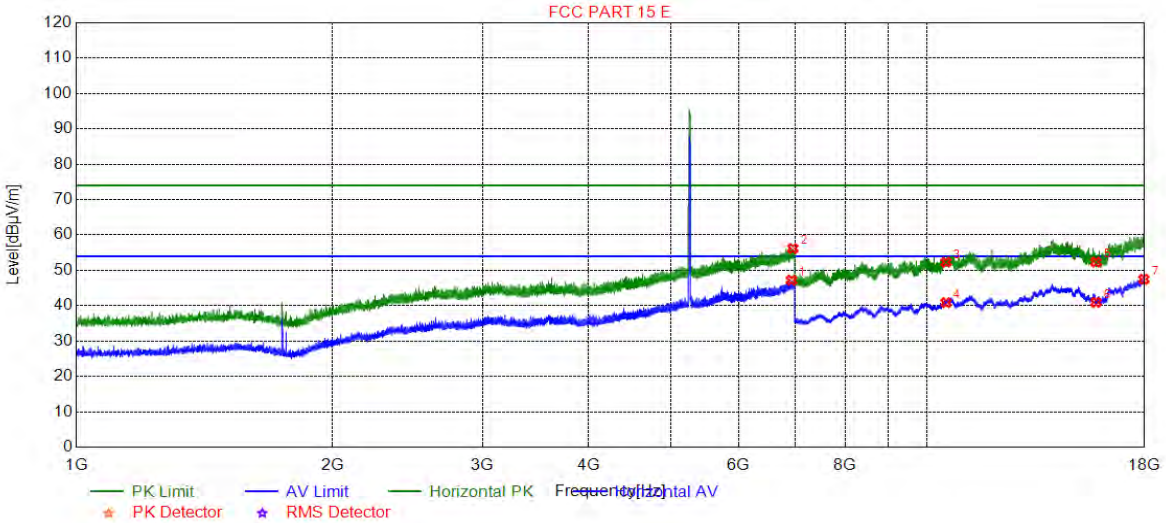
4.9.2.40 11N20_52 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6923.49	47.21	21.02	54.00	6.79	173	41	Horizontal
2	6948.39	56.19	21.24	74.00	17.81	172	91	Horizontal
3	10520.0	52.30	-2.80	74.00	21.70	176	268	Horizontal
4	10520.0	40.86	-2.80	54.00	13.14	244	18	Horizontal
5	15780.0	52.33	-0.72	74.00	21.67	239	268	Horizontal
6	15780.0	40.95	-0.72	54.00	13.05	224	219	Horizontal
7	17962.5	47.47	1.71	54.00	6.53	159	268	Horizontal

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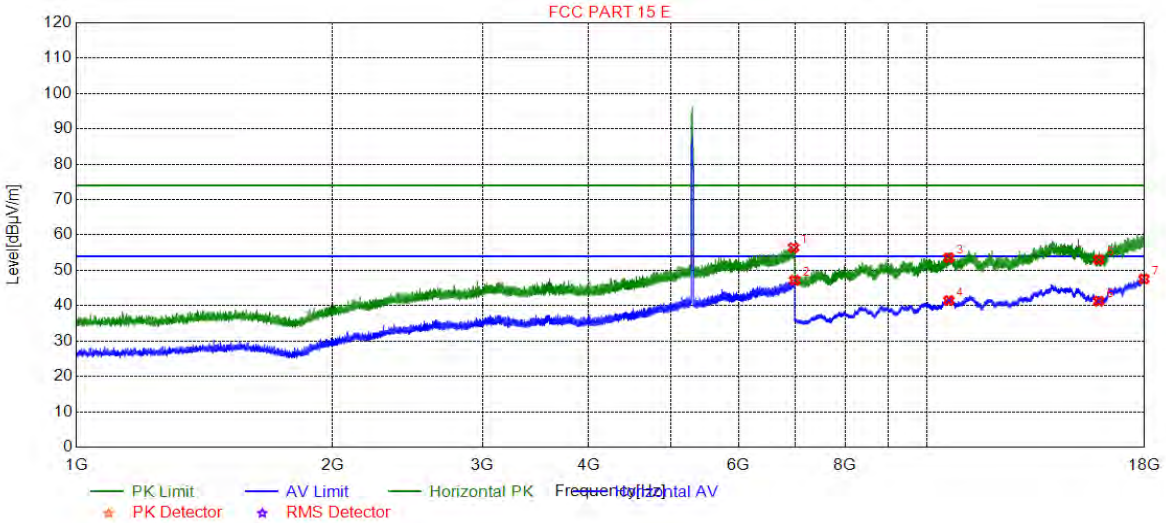
4.9.2.41 11N20_60 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.79	56.44	21.26	74.00	17.56	174	140	Horizontal
2	6983.79	47.20	21.27	54.00	6.80	111	291	Horizontal
3	10600.0	53.55	-2.86	74.00	20.45	122	360	Horizontal
4	10600.0	41.49	-2.86	54.00	12.51	147	360	Horizontal
5	15900.0	53.02	-0.51	74.00	20.98	154	319	Horizontal
6	15900.0	41.28	-0.51	54.00	12.72	237	18	Horizontal
7	17968.0	47.60	1.71	54.00	6.40	138	268	Horizontal

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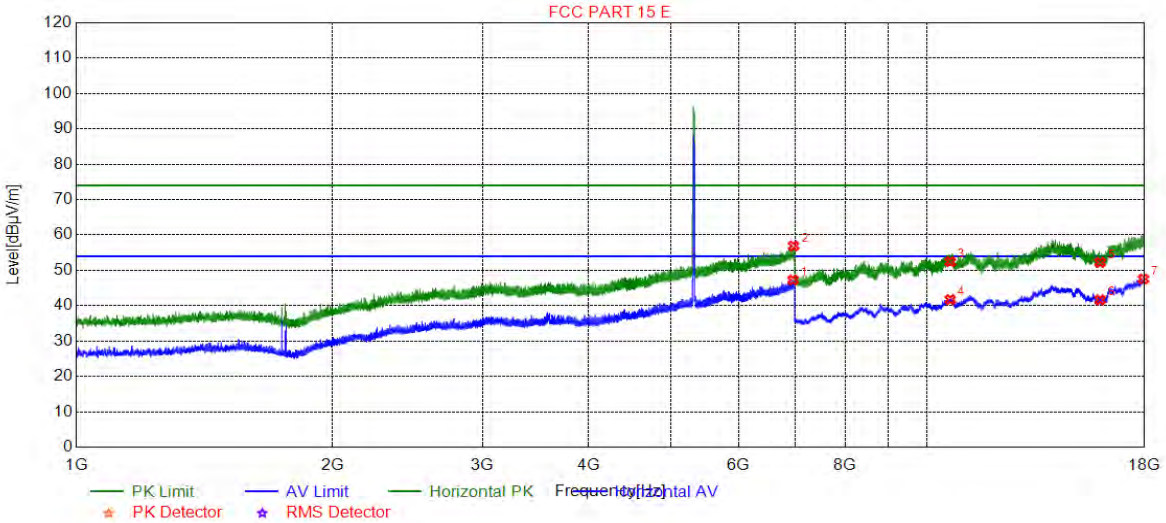
4.9.2.42 11N20_64 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6952.59	47.25	21.26	54.00	6.75	205	141	Horizontal
2	6963.39	56.90	21.26	74.00	17.10	220	0	Horizontal
3	10640.0	52.44	-2.84	74.00	21.56	172	218	Horizontal
4	10640.0	41.72	-2.84	54.00	12.28	228	269	Horizontal
5	15960.0	52.23	-0.61	74.00	21.77	168	218	Horizontal
6	15960.0	41.66	-0.61	54.00	12.34	228	169	Horizontal
7	17943.8	47.55	1.70	54.00	6.45	155	68	Horizontal

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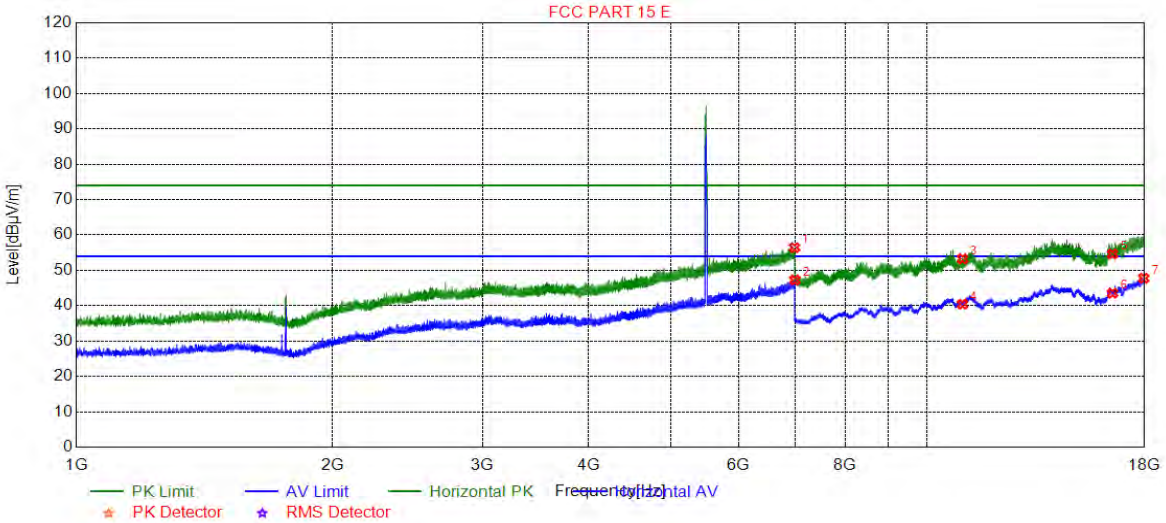
4.9.2.43 11N20_100 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6980.49	56.43	21.26	74.00	17.57	172	0	Horizontal
2	6986.79	47.25	21.27	54.00	6.75	115	139	Horizontal
3	11000.0	53.27	-2.17	74.00	20.73	157	220	Horizontal
4	11000.0	40.43	-2.17	54.00	13.57	164	270	Horizontal
5	16500.0	54.62	0.34	74.00	19.38	218	169	Horizontal
6	16500.0	43.53	0.34	54.00	10.47	109	119	Horizontal
7	17957.0	47.76	1.71	54.00	6.24	215	360	Horizontal

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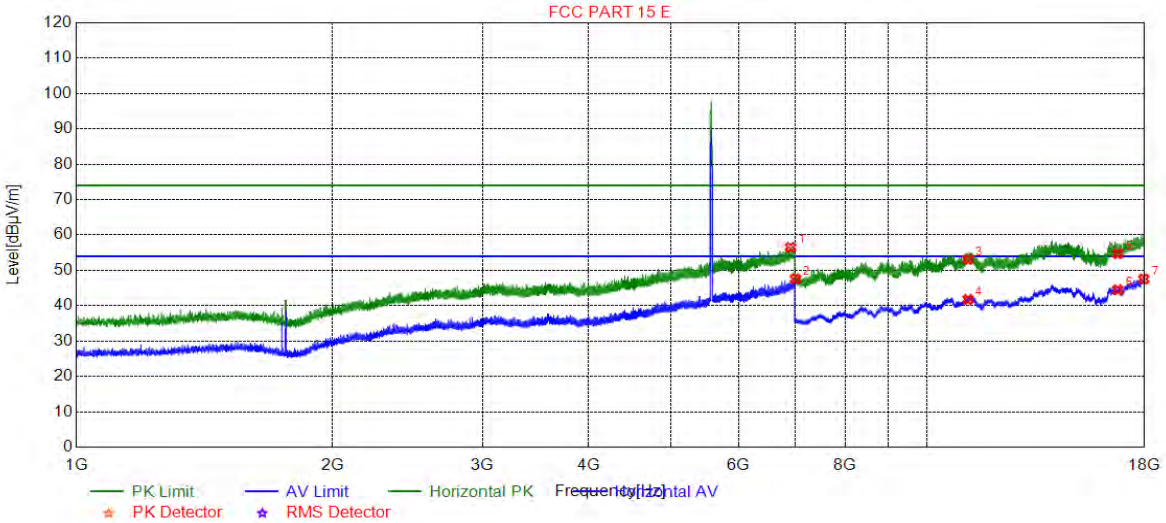
4.9.2.44 11N20_116 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6905.79	56.53	20.86	74.00	17.47	118	241	Horizontal
2	7000.00	47.63	21.27	54.00	6.37	183	141	Horizontal
3	11160.0	53.12	-2.32	74.00	20.88	117	69	Horizontal
4	11160.0	41.77	-2.32	54.00	12.23	243	320	Horizontal
5	16740.0	54.69	0.71	74.00	19.31	142	69	Horizontal
6	16740.0	44.48	0.71	54.00	9.52	138	170	Horizontal
7	17955.4	47.55	1.71	54.00	6.45	208	18	Horizontal

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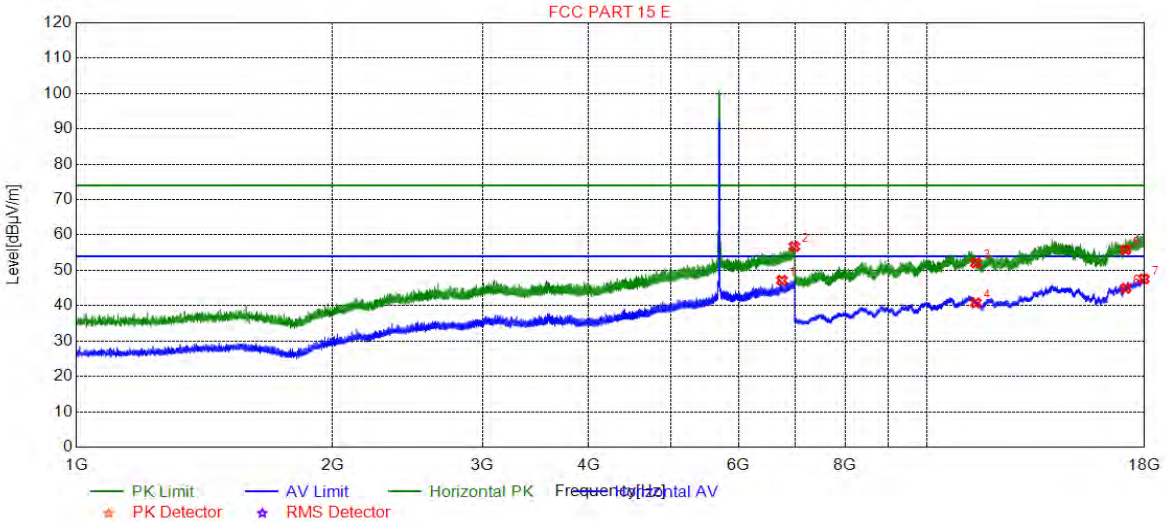
4.9.2.45 11N20_140 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6745.88	47.17	20.57	54.00	6.83	235	0	Horizontal
2	6978.09	56.73	21.26	74.00	17.27	109	93	Horizontal
3	11400.0	52.11	-2.15	74.00	21.89	245	168	Horizontal
4	11400.0	40.78	-2.15	54.00	13.22	225	118	Horizontal
5	17100.0	55.83	0.04	74.00	18.17	177	168	Horizontal
6	17100.0	44.95	0.04	54.00	9.05	196	168	Horizontal
7	17970.2	47.57	1.71	54.00	6.43	185	68	Horizontal

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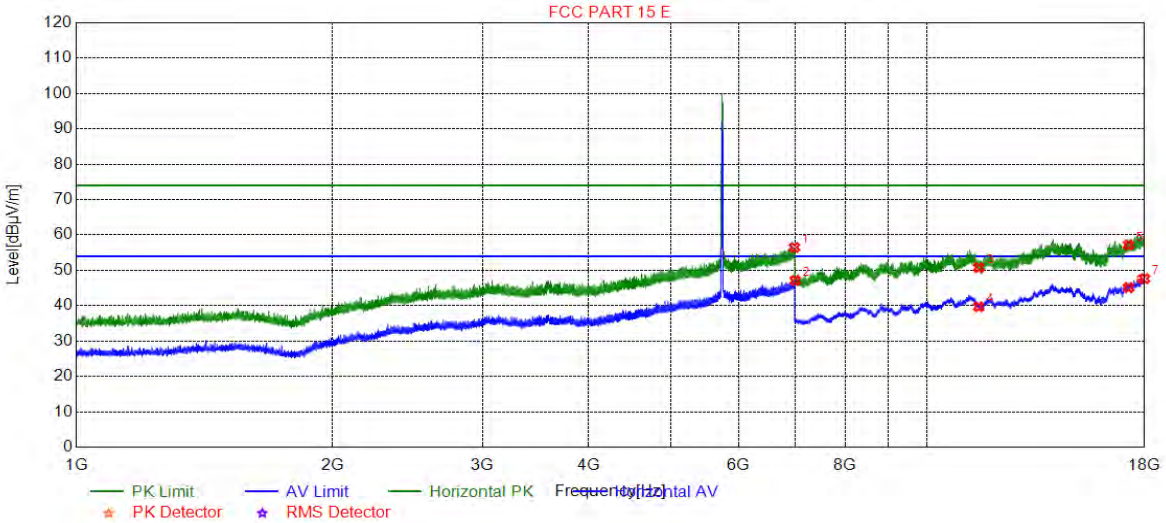
4.9.2.46 11N20_149 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6979.59	56.49	21.26	74.00	17.51	146	0	Horizontal
2	6995.49	47.13	21.27	54.00	6.87	178	39	Horizontal
3	11490.0	50.76	-2.03	74.00	23.24	125	68	Horizontal
4	11490.0	39.69	-2.03	54.00	14.31	215	360	Horizontal
5	17235.0	57.17	0.33	74.00	16.83	172	169	Horizontal
6	17235.0	45.13	0.33	54.00	8.87	192	169	Horizontal
7	17992.2	47.66	1.72	54.00	6.34	231	360	Horizontal

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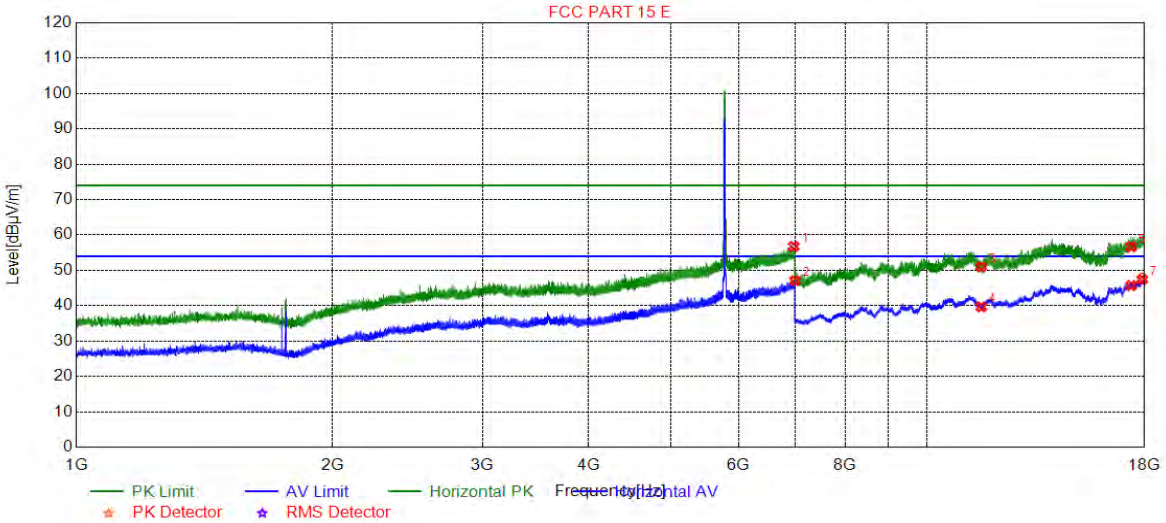
4.9.2.47 11N20_157 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.69	56.77	21.26	74.00	17.23	102	241	Horizontal
2	6989.19	47.09	21.27	54.00	6.91	158	90	Horizontal
3	11570.0	50.98	-2.39	74.00	23.02	186	169	Horizontal
4	11570.0	39.69	-2.39	54.00	14.31	126	319	Horizontal
5	17355.0	56.68	1.06	74.00	17.32	231	219	Horizontal
6	17355.0	45.70	1.06	54.00	8.30	188	219	Horizontal
7	17886.1	47.44	1.51	54.00	6.56	131	169	Horizontal

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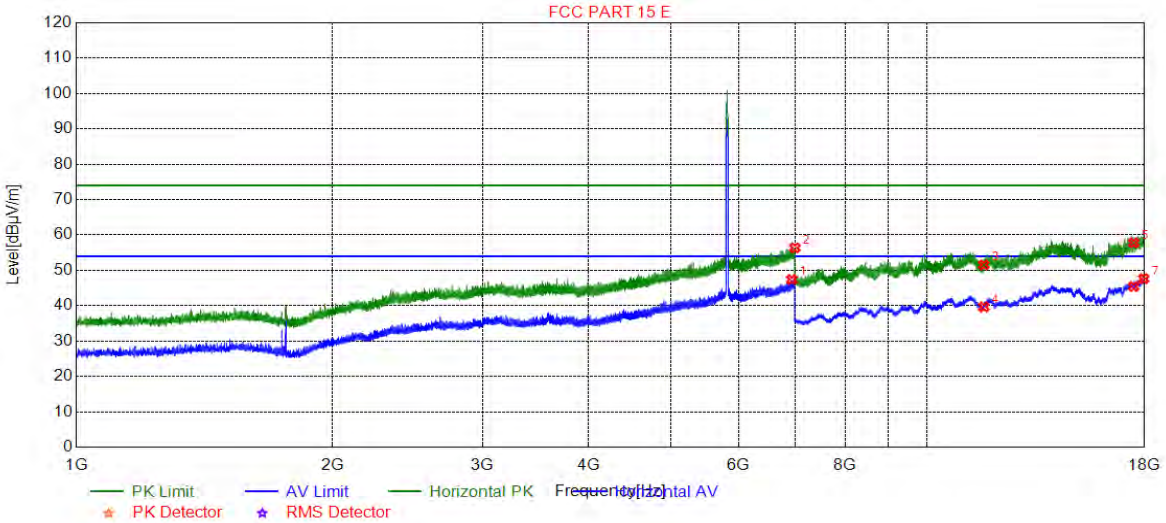
4.9.2.48 11N20_161 ANT 1_ Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.89	47.39	21.07	54.00	6.61	162	342	Horizontal
2	6987.69	56.37	21.27	74.00	17.63	143	241	Horizontal
3	11650.0	51.54	-2.49	74.00	22.46	124	224	Horizontal
4	11650.0	39.66	-2.49	54.00	14.34	215	173	Horizontal
5	17475.0	57.79	1.76	74.00	16.21	165	224	Horizontal
6	17475.0	45.42	1.76	54.00	8.58	223	69	Horizontal
7	17957.0	47.63	1.71	54.00	6.37	108	69	Horizontal

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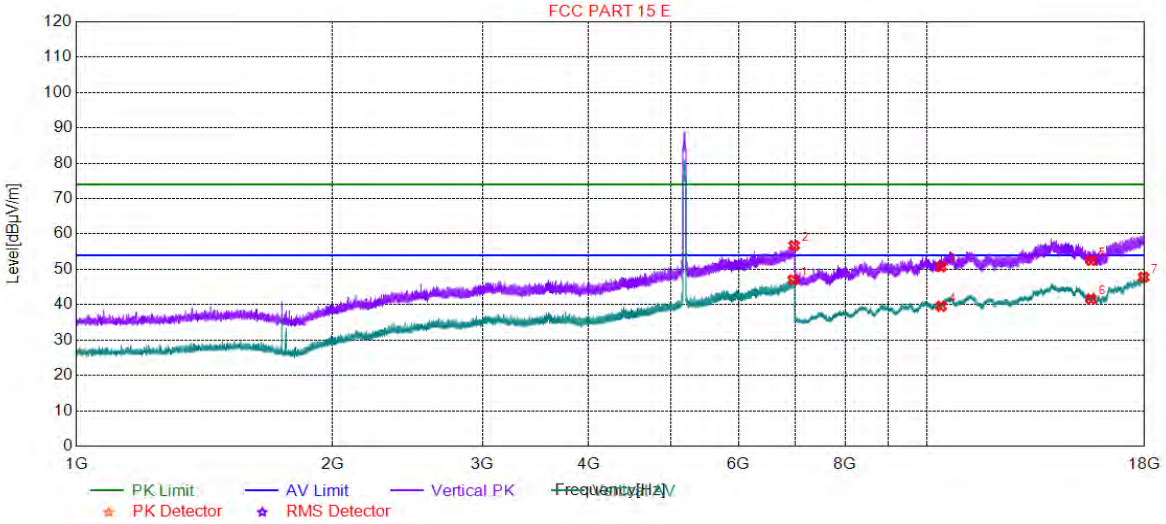
4.9.2.49 11N40_38 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6955.29	47.04	21.26	54.00	6.96	223	360	Vertical
2	6972.09	56.73	21.26	74.00	17.27	242	360	Vertical
3	10380.0	50.74	-3.60	74.00	23.26	272	91	Vertical
4	10380.0	39.58	-3.60	54.00	14.42	182	0	Vertical
5	15570.0	52.52	0.29	74.00	21.48	222	342	Vertical
6	15570.0	41.64	0.29	54.00	12.36	246	192	Vertical
7	17948.2	47.80	1.70	54.00	6.20	222	242	Vertical

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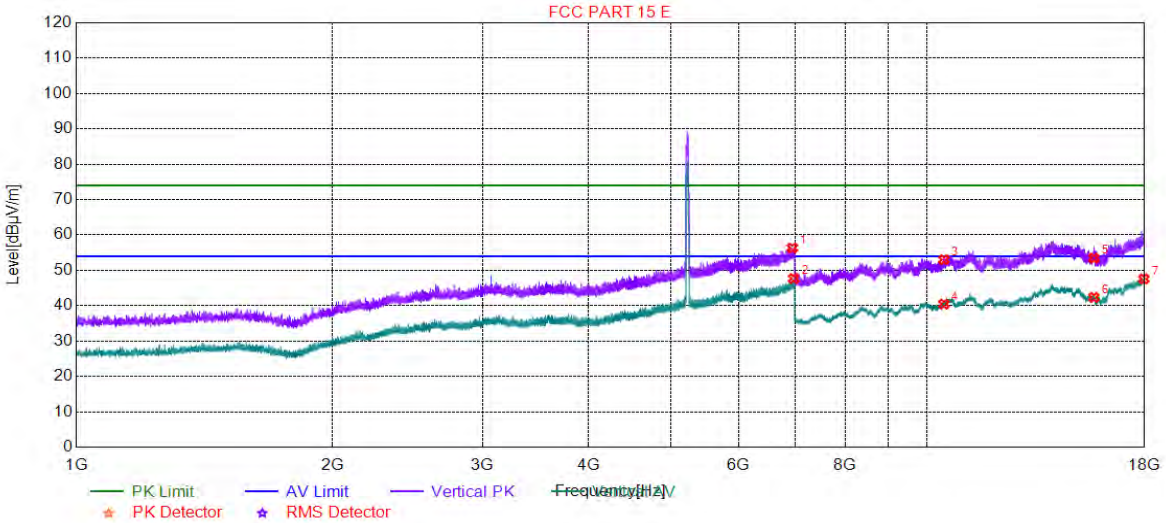
4.9.2.50 11N40_46 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.39	56.35	21.16	74.00	17.65	184	118	Vertical
2	6965.79	47.69	21.26	54.00	6.31	219	118	Vertical
3	10460.0	53.01	-3.09	74.00	20.99	299	242	Vertical
4	10460.0	40.47	-3.09	54.00	13.53	266	0	Vertical
5	15690.0	53.45	0.58	74.00	20.55	253	142	Vertical
6	15690.0	42.36	0.58	54.00	11.64	283	92	Vertical
7	17962.0	47.59	1.71	54.00	6.41	250	0	Vertical

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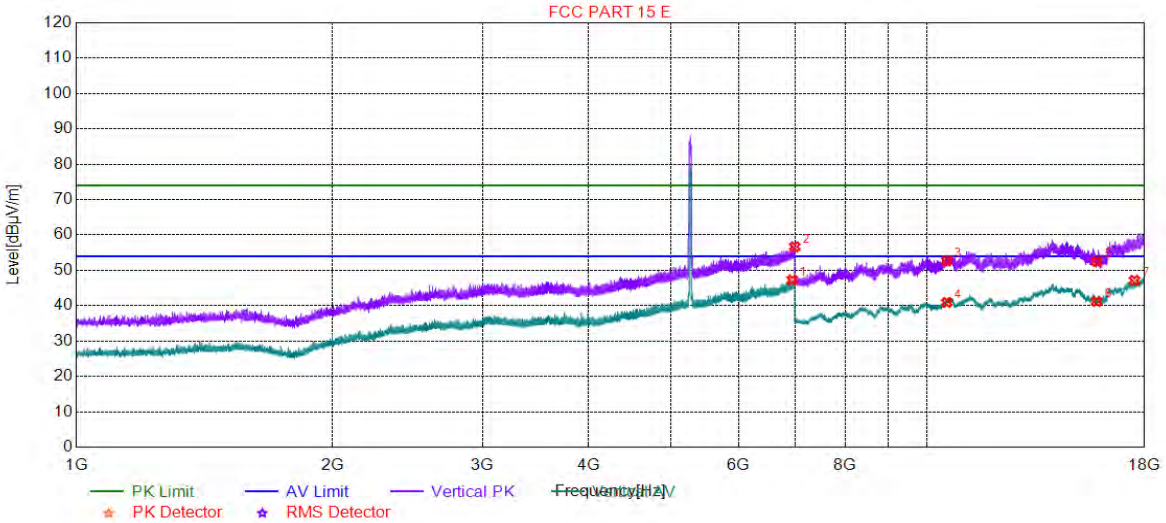
4.9.2.51 11N40_54 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6938.19	47.27	21.15	54.00	6.73	192	360	Vertical
2	6985.59	56.67	21.27	74.00	17.33	218	270	Vertical
3	10540.0	52.68	-2.81	74.00	21.32	275	191	Vertical
4	10540.0	40.94	-2.81	54.00	13.06	211	91	Vertical
5	15810.0	52.49	-0.99	74.00	21.51	264	141	Vertical
6	15810.0	41.20	-0.99	54.00	12.80	274	141	Vertical
7	17513.7	47.16	1.97	54.00	6.84	200	39	Vertical

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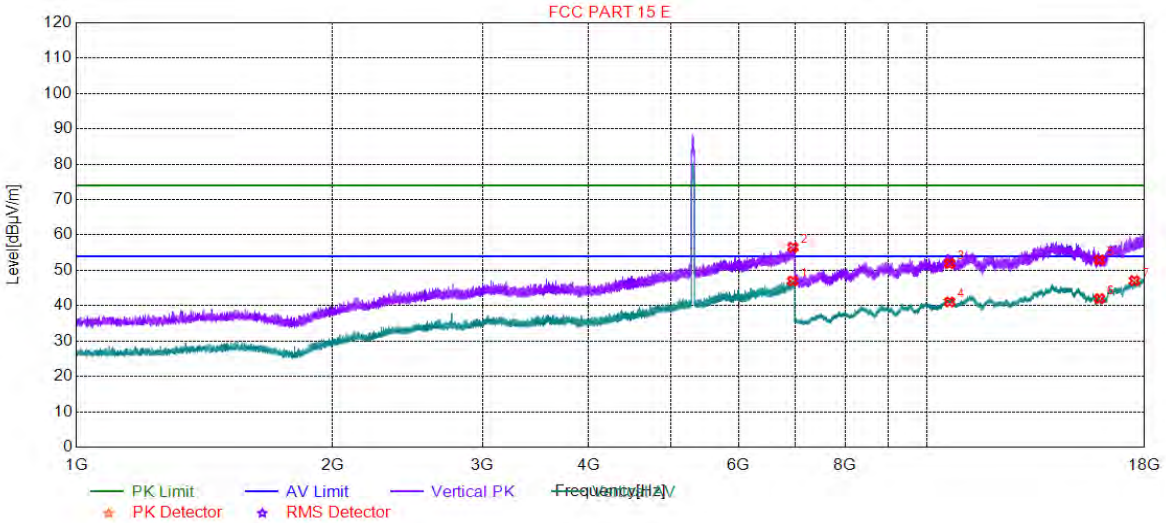
4.9.2.52 11N40_62 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.09	47.00	21.21	54.00	7.00	196	18	Vertical
2	6950.79	56.53	21.26	74.00	17.47	266	119	Vertical
3	10620.0	51.94	-2.85	74.00	22.06	253	35	Vertical
4	10620.0	41.07	-2.85	54.00	12.93	208	136	Vertical
5	15930.0	52.91	-0.56	74.00	21.09	224	186	Vertical
6	15930.0	42.00	-0.56	54.00	12.00	276	288	Vertical
7	17512.1	47.08	1.97	54.00	6.92	221	136	Vertical

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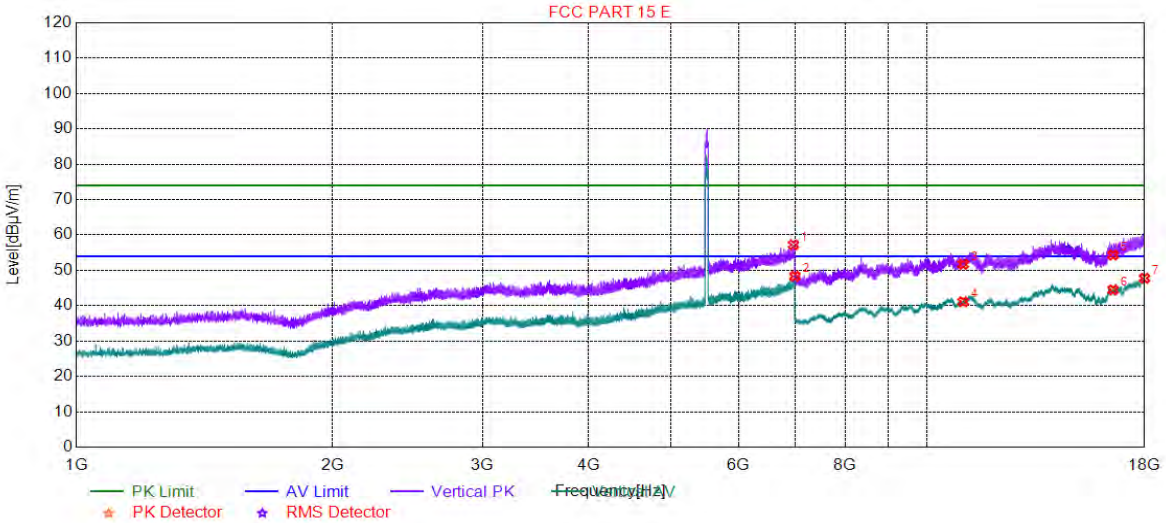
4.9.2.53 11N40_102 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.19	57.23	21.26	74.00	16.77	190	68	Vertical
2	6988.29	48.31	21.27	54.00	5.69	257	169	Vertical
3	11020.0	51.71	-2.19	74.00	22.29	207	141	Vertical
4	11020.0	41.12	-2.19	54.00	12.88	247	0	Vertical
5	16530.0	54.33	0.29	74.00	19.67	242	90	Vertical
6	16530.0	44.48	0.29	54.00	9.52	273	342	Vertical
7	17995.5	47.76	1.72	54.00	6.24	239	90	Vertical

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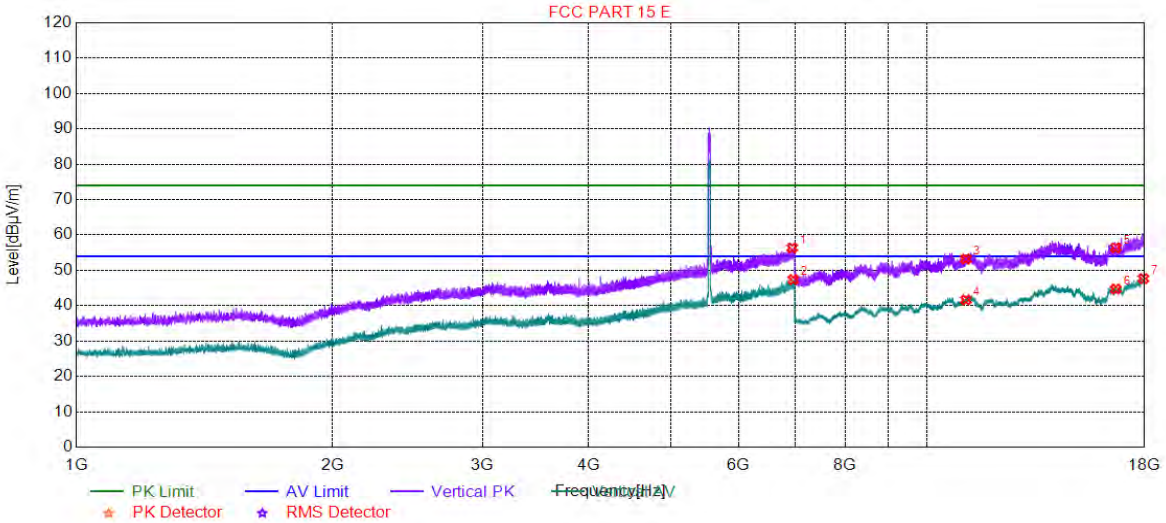
4.9.2.54 11N40_110 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.29	56.36	21.14	74.00	17.64	164	68	Vertical
2	6958.29	47.36	21.26	54.00	6.64	201	68	Vertical
3	11100.0	53.22	-2.25	74.00	20.78	233	193	Vertical
4	11100.0	41.65	-2.25	54.00	12.35	229	342	Vertical
5	16650.0	56.41	0.40	74.00	17.59	261	142	Vertical
6	16650.0	44.71	0.40	54.00	9.29	167	92	Vertical
7	17943.3	47.68	1.70	54.00	6.32	164	41	Vertical

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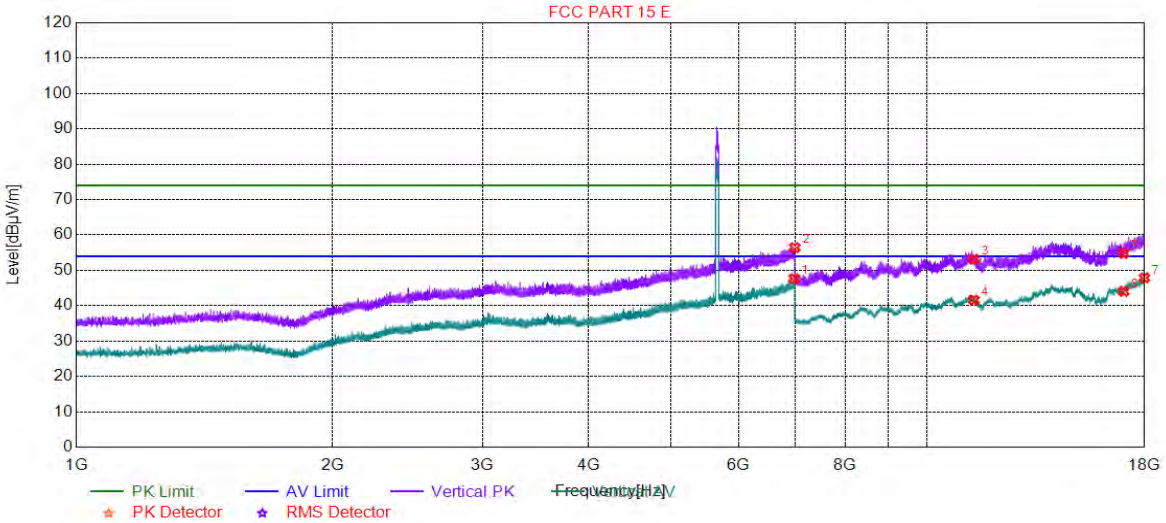
4.9.2.55 11N40_134 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6977.79	47.67	21.26	54.00	6.33	165	69	Vertical
2	6986.19	56.44	21.27	74.00	17.56	261	18	Vertical
3	11340.0	53.16	-2.22	74.00	20.84	277	342	Vertical
4	11340.0	41.61	-2.22	54.00	12.39	257	292	Vertical
5	17010.0	54.80	0.68	74.00	19.20	282	140	Vertical
6	17010.0	44.06	0.68	54.00	9.94	276	0	Vertical
7	17989.5	47.89	1.72	54.00	6.11	168	140	Vertical

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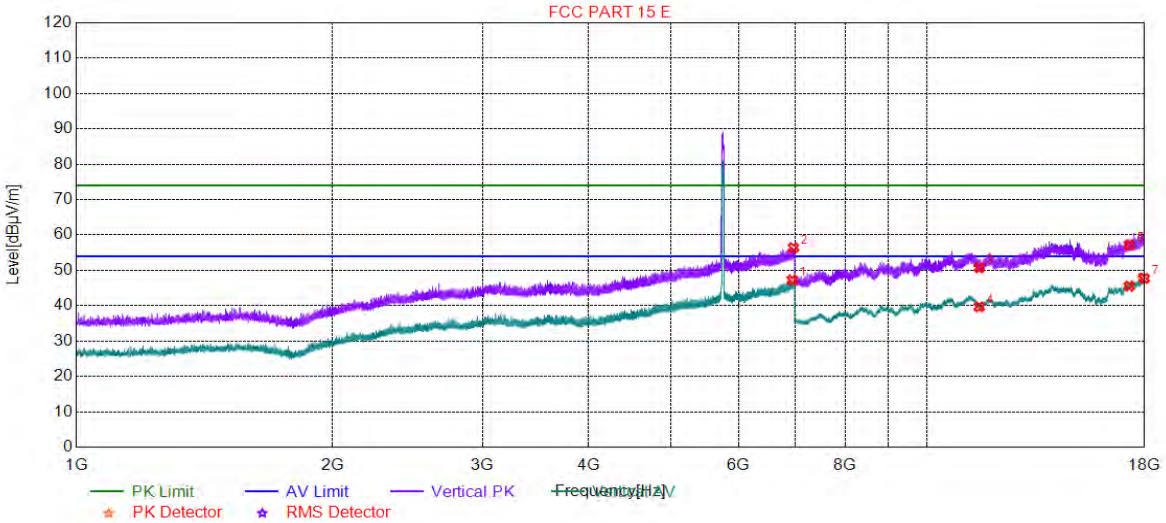
4.9.2.56 11N40_151 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6937.59	47.25	21.14	54.00	6.75	271	18	Vertical
2	6961.59	56.41	21.26	74.00	17.59	163	320	Vertical
3	11510.0	50.73	-2.07	74.00	23.27	217	0	Vertical
4	11510.0	39.66	-2.07	54.00	14.34	198	141	Vertical
5	17265.0	57.19	0.54	74.00	16.81	202	41	Vertical
6	17265.0	45.54	0.54	54.00	8.46	220	0	Vertical
7	17983.4	47.71	1.72	54.00	6.29	268	91	Vertical

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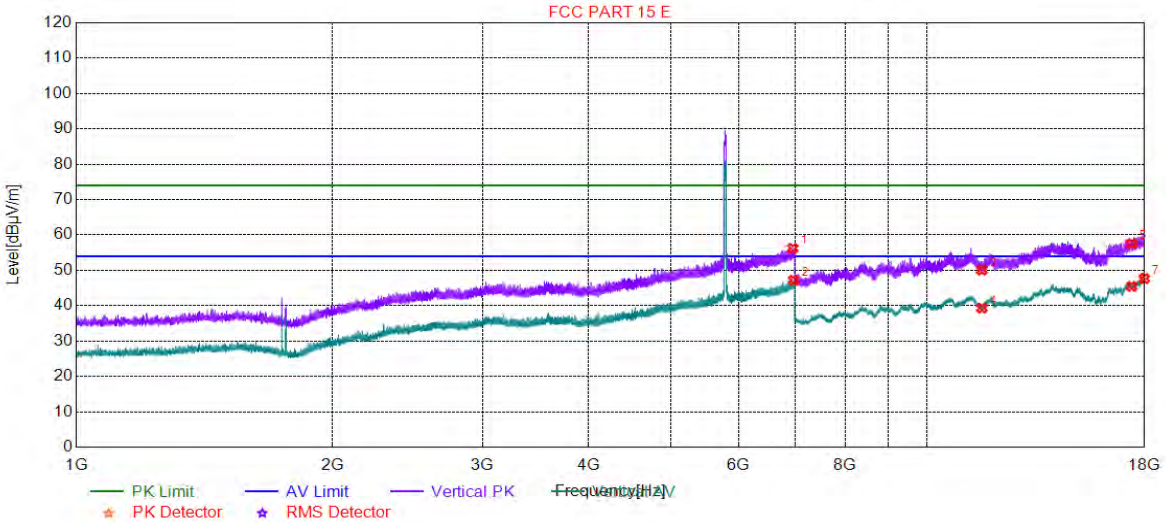
4.9.2.57 11N40_159 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.99	56.22	21.22	74.00	17.78	187	218	Vertical
2	6966.39	47.19	21.26	54.00	6.81	226	218	Vertical
3	11590.0	50.06	-2.50	74.00	23.94	214	41	Vertical
4	11590.0	39.33	-2.50	54.00	14.67	214	241	Vertical
5	17385.0	57.55	1.21	74.00	16.45	225	342	Vertical
6	17385.0	45.47	1.21	54.00	8.53	258	342	Vertical
7	17984.5	47.66	1.72	54.00	6.34	217	41	Vertical

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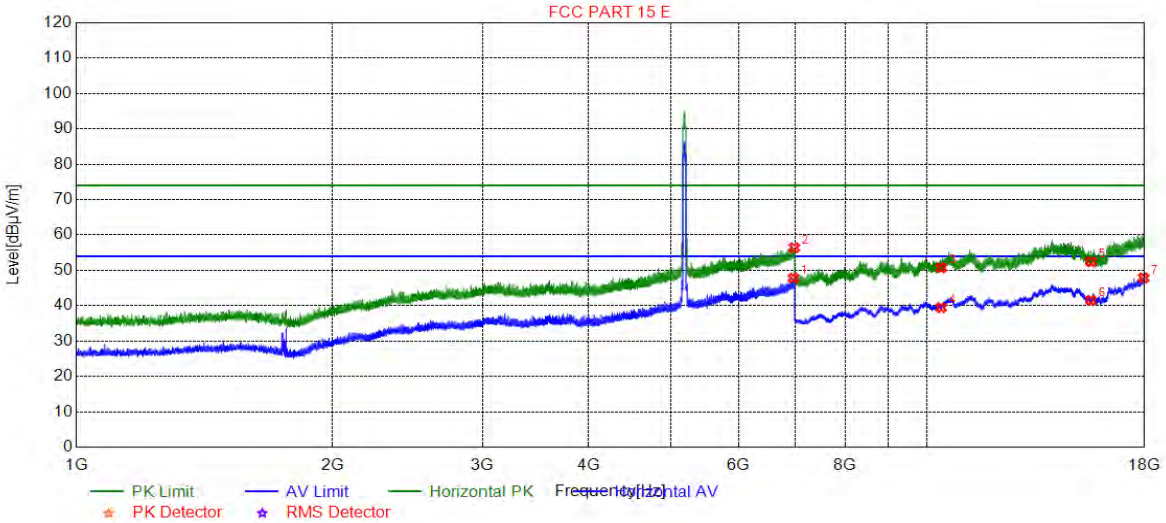
4.9.2.58 11N40_38 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6962.19	47.82	21.26	54.00	6.18	198	140	Horizontal
2	6975.69	56.41	21.26	74.00	17.59	144	39	Horizontal
3	10380.0	50.75	-3.60	74.00	23.25	176	169	Horizontal
4	10380.0	39.47	-3.60	54.00	14.53	218	68	Horizontal
5	15570.0	52.43	0.29	74.00	21.57	107	119	Horizontal
6	15570.0	41.51	0.29	54.00	12.49	109	219	Horizontal
7	17948.8	47.86	1.70	54.00	6.14	168	360	Horizontal

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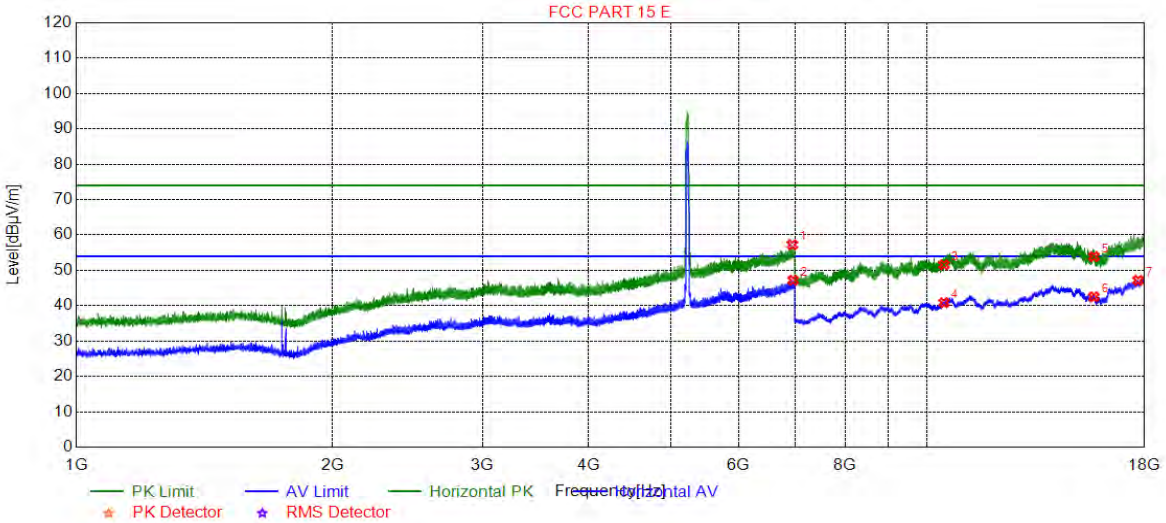
4.9.2.59 11N40_46 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6939.09	57.25	21.16	74.00	16.75	194	0	Horizontal
2	6953.49	47.20	21.26	54.00	6.80	112	40	Horizontal
3	10460.0	51.56	-3.09	74.00	22.44	219	69	Horizontal
4	10460.0	40.84	-3.09	54.00	13.16	123	69	Horizontal
5	15690.0	53.88	0.58	74.00	20.12	118	169	Horizontal
6	15690.0	42.50	0.58	54.00	11.50	216	320	Horizontal
7	17689.7	47.17	2.35	54.00	6.83	198	119	Horizontal

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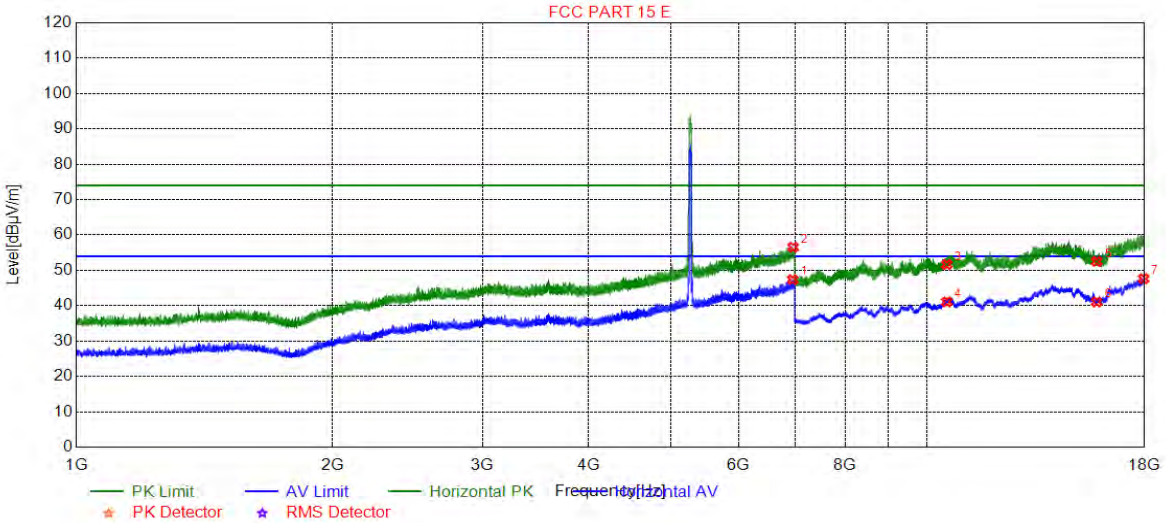
4.9.2.60 11N40_54 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6945.09	47.36	21.21	54.00	6.64	215	241	Horizontal
2	6954.69	56.56	21.26	74.00	17.44	195	141	Horizontal
3	10540.0	51.64	-2.81	74.00	22.36	100	269	Horizontal
4	10540.0	41.09	-2.81	54.00	12.91	152	18	Horizontal
5	15810.0	52.52	-0.99	74.00	21.48	207	319	Horizontal
6	15810.0	41.08	-0.99	54.00	12.92	247	360	Horizontal
7	17948.2	47.65	1.70	54.00	6.35	210	269	Horizontal

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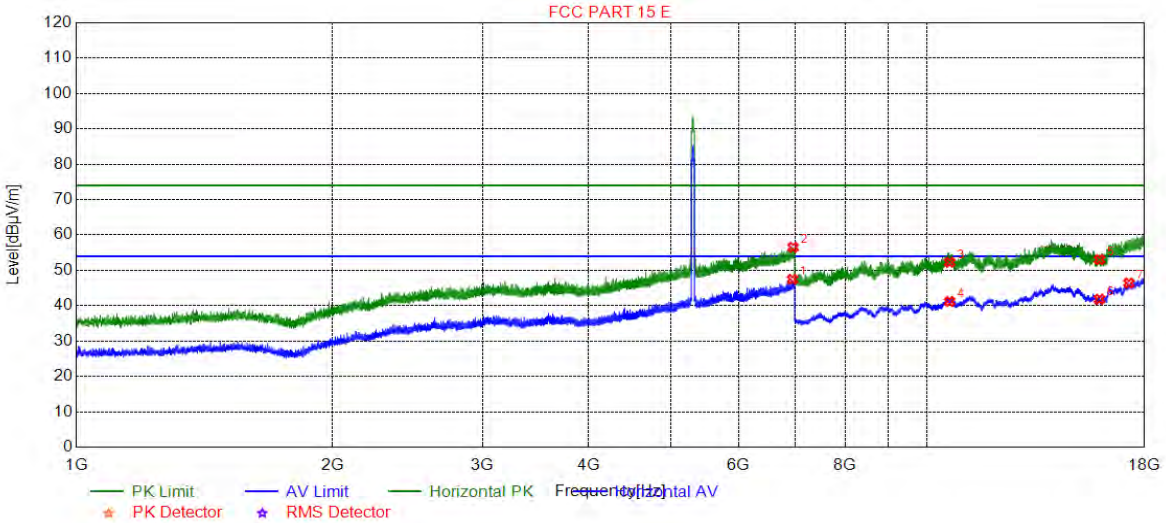
4.9.2.61 11N40_62 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6940.89	47.46	21.17	54.00	6.54	165	141	Horizontal
2	6953.19	56.54	21.26	74.00	17.46	161	191	Horizontal
3	10620.0	52.27	-2.85	74.00	21.73	228	119	Horizontal
4	10620.0	41.18	-2.85	54.00	12.82	244	69	Horizontal
5	15930.0	53.03	-0.56	74.00	20.97	208	69	Horizontal
6	15930.0	41.84	-0.56	54.00	12.16	177	319	Horizontal
7	17248.1	46.41	0.42	54.00	7.59	244	169	Horizontal

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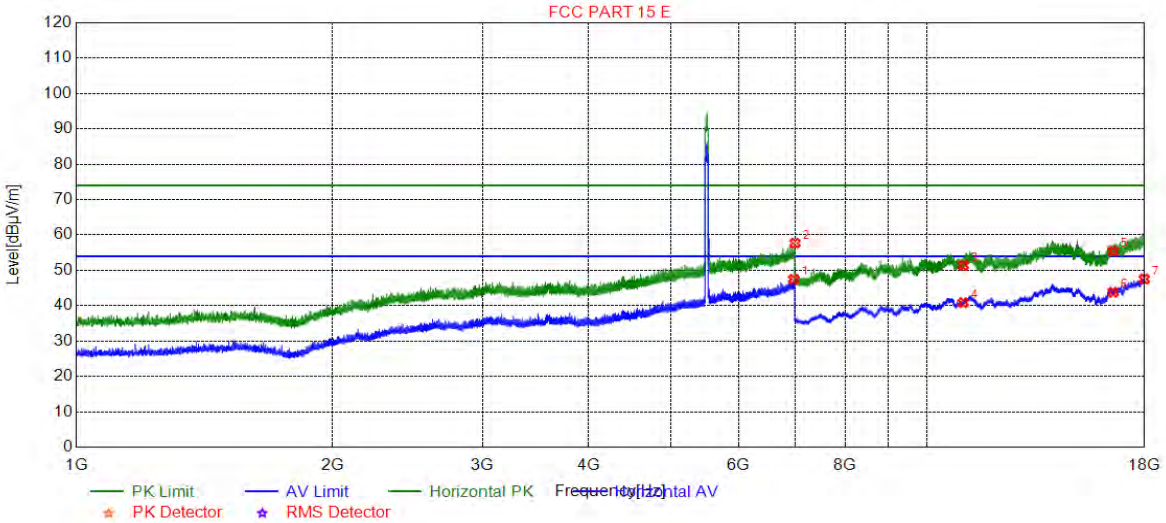
4.9.2.62 11N40_102 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6966.39	47.44	21.26	54.00	6.56	223	141	Horizontal
2	6990.99	57.68	21.27	74.00	16.32	113	41	Horizontal
3	11020.0	51.40	-2.19	74.00	22.60	215	119	Horizontal
4	11020.0	40.85	-2.19	54.00	13.15	201	18	Horizontal
5	16530.0	55.43	0.29	74.00	18.57	147	360	Horizontal
6	16530.0	43.81	0.29	54.00	10.19	186	68	Horizontal
7	17981.2	47.55	1.71	54.00	6.45	166	270	Horizontal

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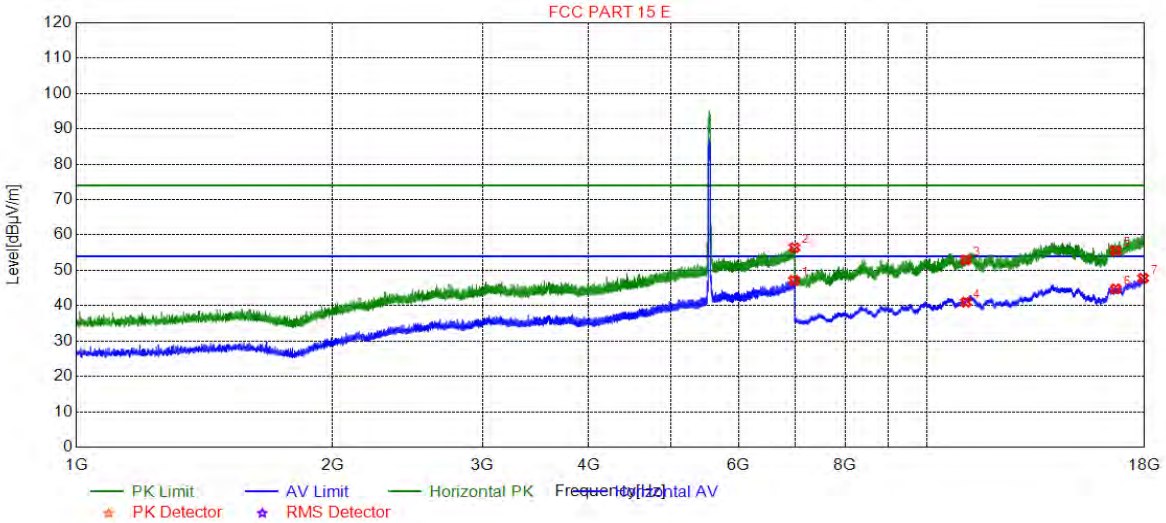
4.9.2.63 11N40_110 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6972.69	47.15	21.26	54.00	6.85	171	39	Horizontal
2	6978.99	56.44	21.26	74.00	17.56	198	39	Horizontal
3	11100.0	52.96	-2.25	74.00	21.04	152	118	Horizontal
4	11100.0	41.01	-2.25	54.00	12.99	224	118	Horizontal
5	16650.0	55.61	0.40	74.00	18.39	128	118	Horizontal
6	16650.0	44.79	0.40	54.00	9.21	100	168	Horizontal
7	17926.2	47.79	1.70	54.00	6.21	214	218	Horizontal

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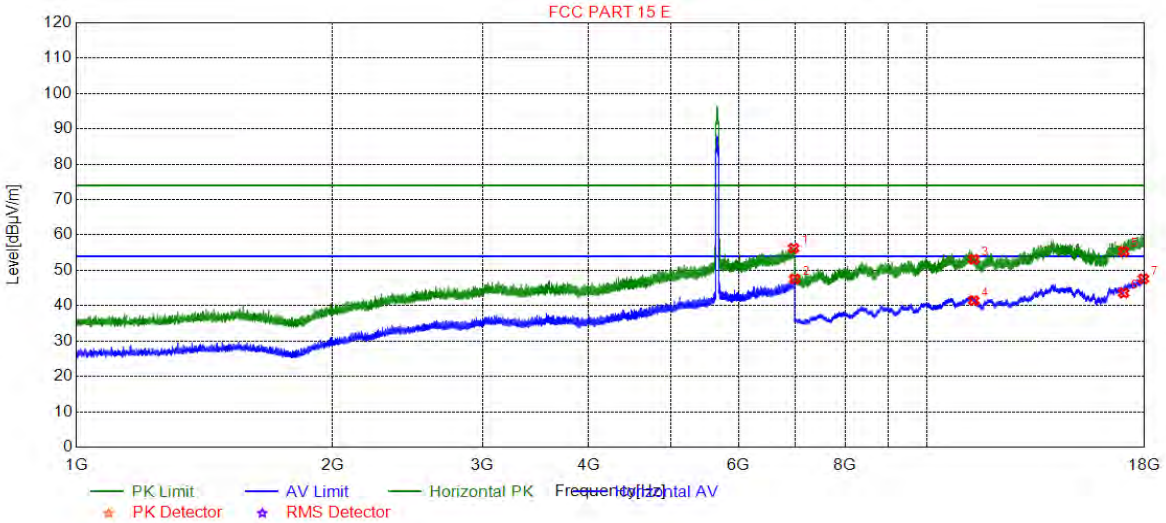
4.9.2.64 11N40_134 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6963.39	56.26	21.26	74.00	17.74	140	139	Horizontal
2	6983.49	47.58	21.27	54.00	6.42	242	139	Horizontal
3	11340.0	53.12	-2.22	74.00	20.88	135	218	Horizontal
4	11340.0	41.47	-2.22	54.00	12.53	200	218	Horizontal
5	17010.0	55.33	0.68	74.00	18.67	105	118	Horizontal
6	17010.0	43.59	0.68	54.00	10.41	239	168	Horizontal
7	17941.1	47.61	1.70	54.00	6.39	213	168	Horizontal

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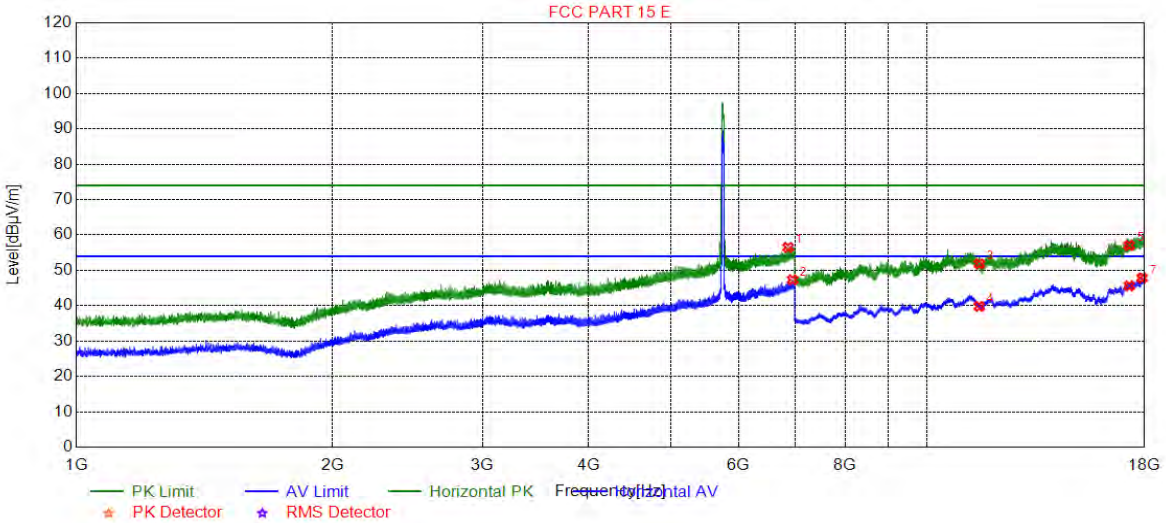
4.9.2.65 11N40_151 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6859.29	56.51	20.87	74.00	17.49	122	241	Horizontal
2	6942.99	47.30	21.19	54.00	6.70	135	191	Horizontal
3	11510.0	51.85	-2.07	74.00	22.15	159	120	Horizontal
4	11510.0	39.81	-2.07	54.00	14.19	206	171	Horizontal
5	17265.0	57.06	0.54	74.00	16.94	244	69	Horizontal
6	17265.0	45.62	0.54	54.00	8.38	244	221	Horizontal
7	17877.8	47.83	1.40	54.00	6.17	183	360	Horizontal

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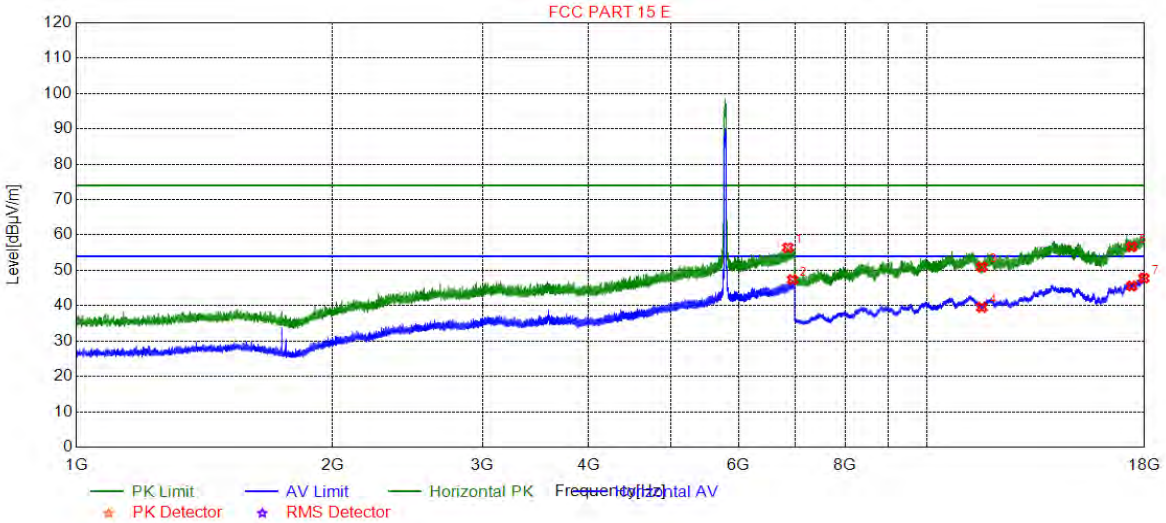
4.9.2.66 11N40_159 ANT 1_Horizontal



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6856.59	56.44	20.88	74.00	17.56	132	291	Horizontal
2	6942.99	47.35	21.19	54.00	6.65	160	291	Horizontal
3	11590.0	50.94	-2.50	74.00	23.06	245	218	Horizontal
4	11590.0	39.57	-2.50	54.00	14.43	102	360	Horizontal
5	17385.0	56.66	1.21	74.00	17.34	138	118	Horizontal
6	17385.0	45.56	1.21	54.00	8.44	176	218	Horizontal
7	17962.0	47.79	1.71	54.00	6.21	199	68	Horizontal

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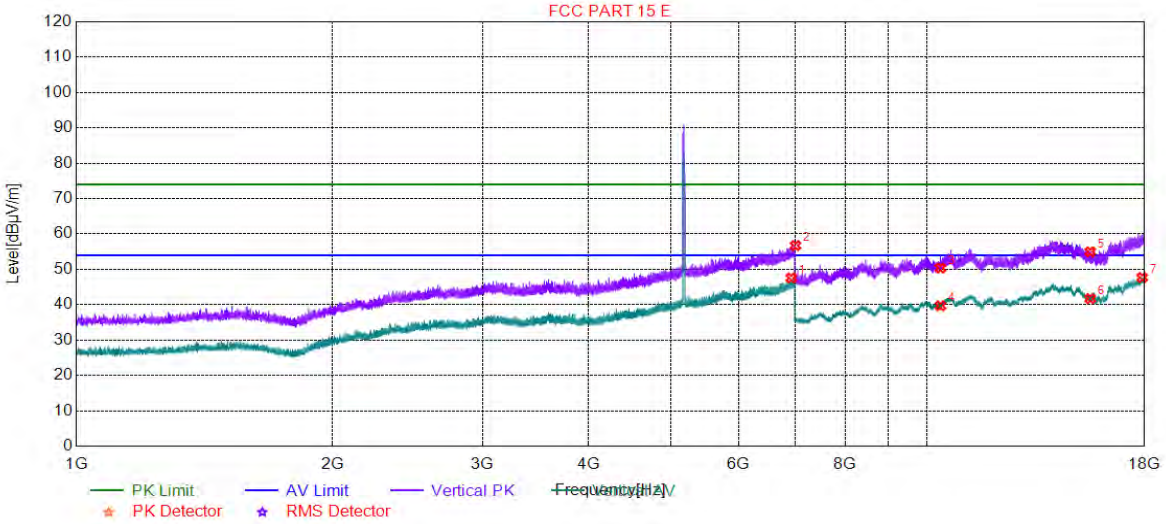
4.9.2.67 11AC20_36 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6920.79	47.59	21.00	54.00	6.41	219	218	Vertical
2	7000.00	56.72	21.27	74.00	17.28	170	218	Vertical
3	10360.0	50.37	-3.63	74.00	23.63	230	241	Vertical
4	10360.0	39.69	-3.63	54.00	14.31	175	0	Vertical
5	15540.0	54.98	0.46	74.00	19.02	272	241	Vertical
6	15540.0	41.72	0.46	54.00	12.28	269	291	Vertical
7	17882.8	47.69	1.46	54.00	6.31	249	140	Vertical

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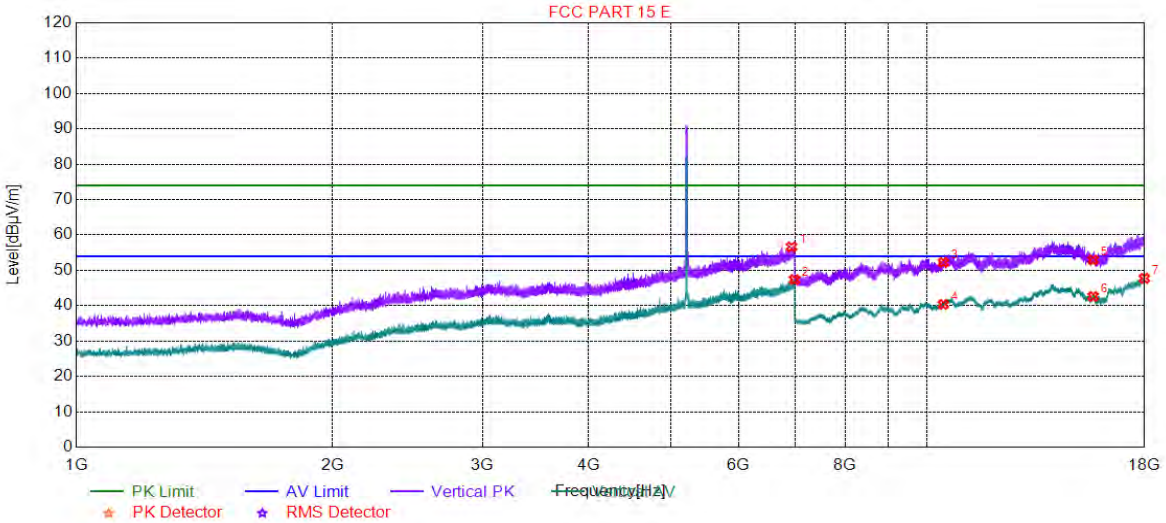
4.9.2.68 11AC20_44 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6924.69	56.64	21.03	74.00	17.36	264	222	Vertical
2	6980.79	47.35	21.26	54.00	6.65	175	360	Vertical
3	10440.0	52.23	-3.24	74.00	21.77	276	42	Vertical
4	10440.0	40.36	-3.24	54.00	13.64	151	342	Vertical
5	15660.0	52.92	0.43	74.00	21.08	254	242	Vertical
6	15660.0	42.63	0.43	54.00	11.37	180	242	Vertical
7	17988.4	47.73	1.72	54.00	6.27	204	342	Vertical

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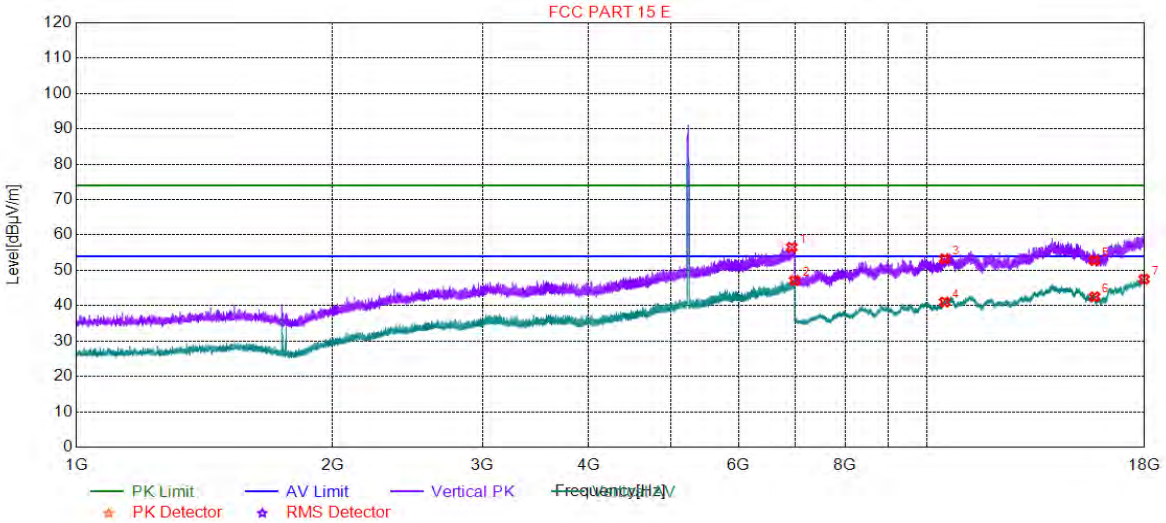
4.9.2.69 11AC20_48 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6928.59	56.55	21.06	74.00	17.45	238	119	Vertical
2	6984.69	47.11	21.27	54.00	6.89	178	360	Vertical
3	10480.0	53.27	-2.94	74.00	20.73	244	241	Vertical
4	10480.0	41.04	-2.94	54.00	12.96	262	39	Vertical
5	15720.0	52.76	0.29	74.00	21.24	172	241	Vertical
6	15720.0	42.52	0.29	54.00	11.48	221	139	Vertical
7	17973.0	47.53	1.71	54.00	6.47	270	139	Vertical

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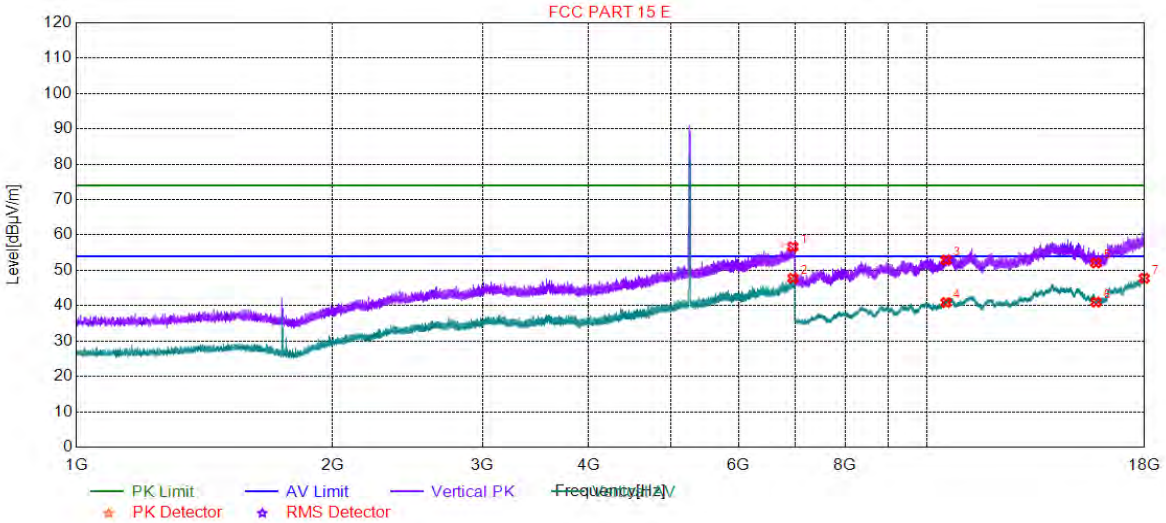
4.9.2.70 11AC20_52 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6947.79	56.67	21.24	74.00	17.33	235	271	Vertical
2	6951.69	47.76	21.26	54.00	6.24	186	18	Vertical
3	10520.0	52.91	-2.80	74.00	21.09	295	90	Vertical
4	10520.0	40.90	-2.80	54.00	13.10	283	191	Vertical
5	15780.0	52.09	-0.72	74.00	21.91	155	191	Vertical
6	15780.0	41.02	-0.72	54.00	12.98	231	140	Vertical
7	17981.2	47.76	1.71	54.00	6.24	251	40	Vertical

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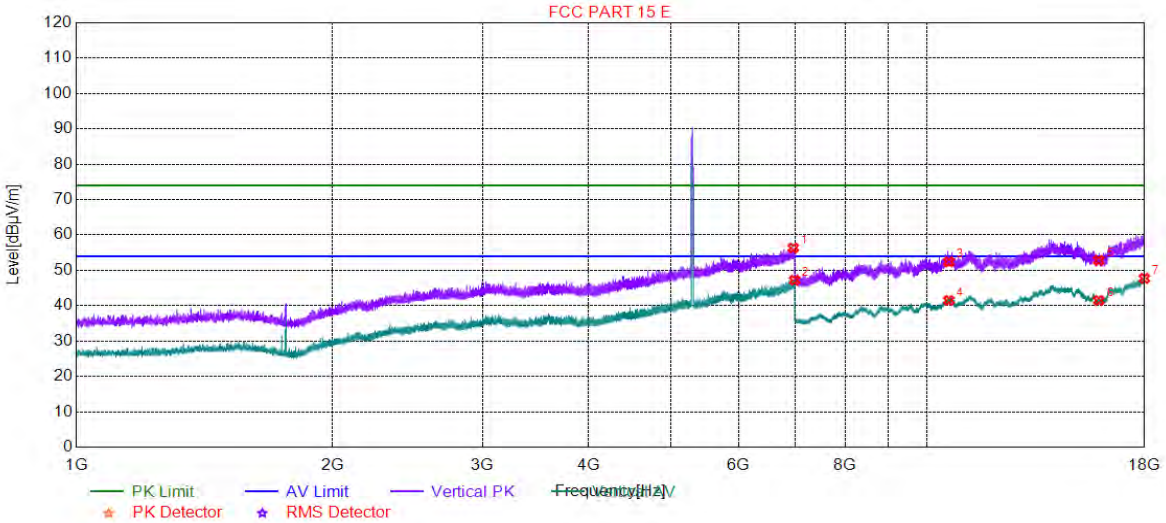
4.9.2.71 11AC20_60 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6957.09	56.34	21.26	74.00	17.66	295	360	Vertical
2	6981.69	47.21	21.26	54.00	6.79	208	360	Vertical
3	10600.0	52.37	-2.86	74.00	21.63	271	0	Vertical
4	10600.0	41.51	-2.86	54.00	12.49	199	42	Vertical
5	15900.0	52.81	-0.51	74.00	21.19	213	292	Vertical
6	15900.0	41.47	-0.51	54.00	12.53	172	342	Vertical
7	17988.4	47.71	1.72	54.00	6.29	188	92	Vertical

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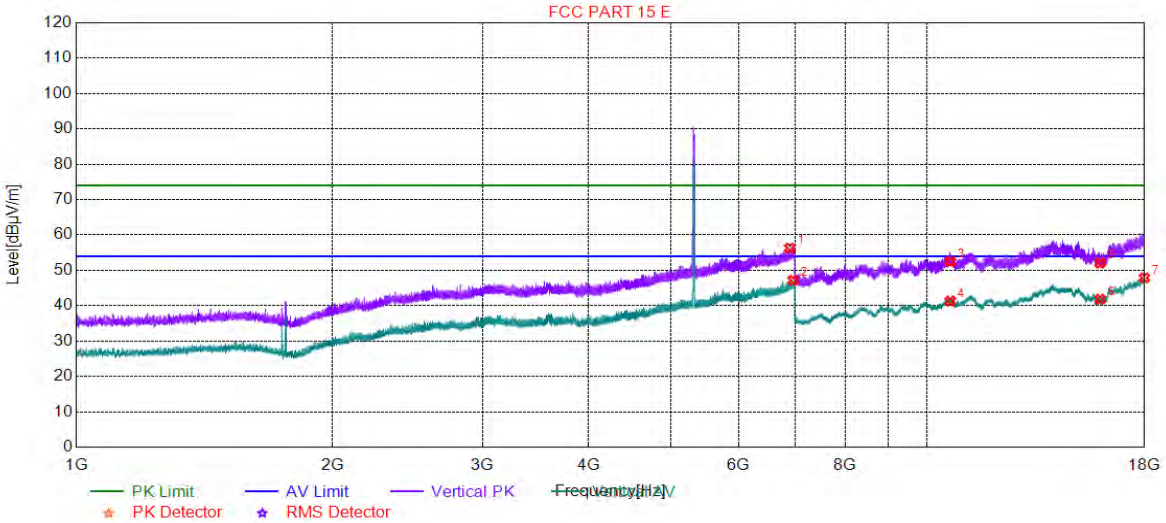
4.9.2.72 11AC20_64 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6892.59	56.31	20.82	74.00	17.69	281	119	Vertical
2	6954.69	47.18	21.26	54.00	6.82	215	18	Vertical
3	10640.0	52.43	-2.84	74.00	21.57	274	141	Vertical
4	10640.0	41.31	-2.84	54.00	12.69	242	42	Vertical
5	15960.0	52.05	-0.61	74.00	21.95	248	91	Vertical
6	15960.0	41.84	-0.61	54.00	12.16	156	0	Vertical
7	17987.3	47.88	1.72	54.00	6.12	256	42	Vertical

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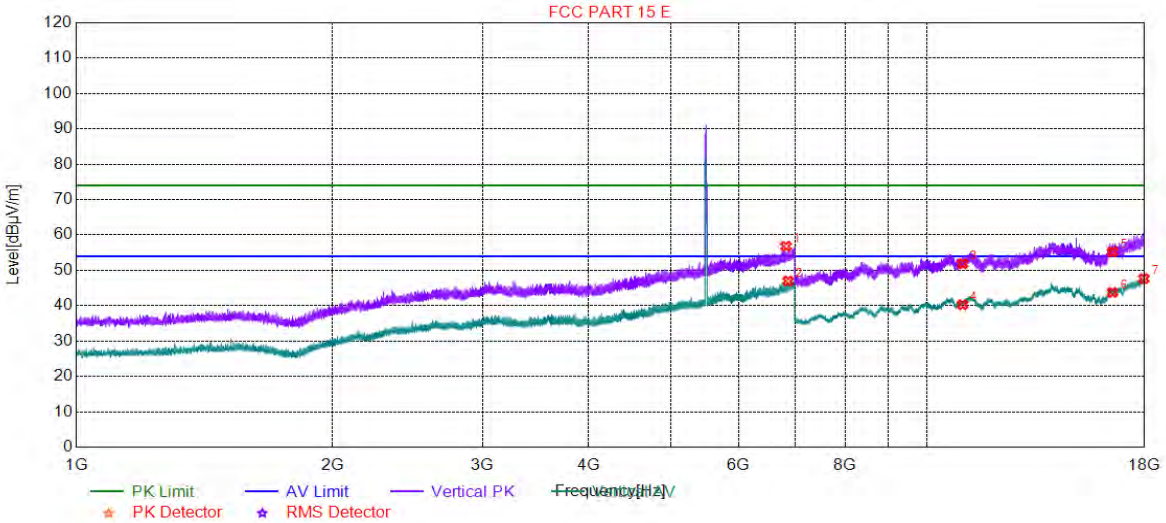
4.9.2.73 11AC20_100 ANT 1_Vertical



Suspected List								
NO.	Freq. [MHz]	Level [dBµV/m]	Factor [dB]	Limit [dBµV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	6823.89	56.84	20.63	74.00	17.16	168	18	Vertical
2	6860.19	46.98	20.87	54.00	7.02	192	360	Vertical
3	11000.0	51.87	-2.17	74.00	22.13	175	141	Vertical
4	11000.0	40.28	-2.17	54.00	13.72	280	342	Vertical
5	16500.0	55.19	0.34	74.00	18.81	157	342	Vertical
6	16500.0	43.74	0.34	54.00	10.26	201	191	Vertical
7	17960.3	47.66	1.71	54.00	6.34	163	90	Vertical

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