

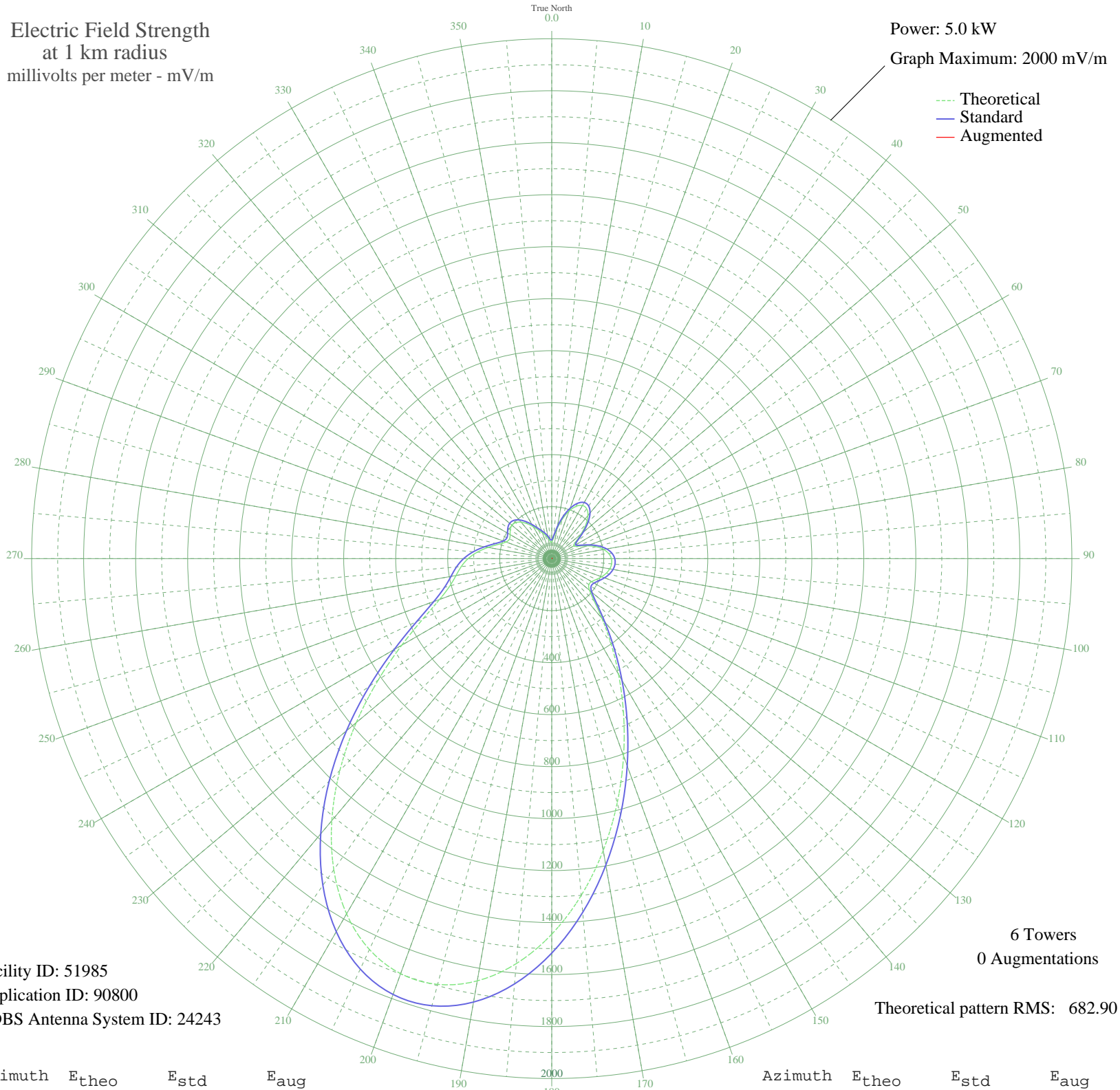
WTBN PINELLAS PARK, FL BL-19860801AD 570 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 51985
Application ID: 90800
CDBS Antenna System ID: 24243

6 Towers
0 Augmentations

Theoretical pattern RMS: 682.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	62.98	71.55	
5	80.82	89.16	
10	116.12	124.95	
15	156.86	166.95	
20	194.27	205.80	
25	222.12	234.82	
30	236.14	249.45	
35	234.19	247.41	
40	216.44	228.89	
45	185.56	196.75	
50	147.26	157.02	
55	112.03	120.76	
60	97.39	105.84	
65	113.19	121.95	
70	144.72	154.40	
75	176.77	187.61	
80	202.65	214.53	
85	220.20	232.82	
90	229.37	242.38	
95	231.07	244.15	
100	226.52	239.41	
105	216.99	229.48	
110	203.87	215.80	
115	189.23	200.56	
120	176.94	187.79	
125	173.97	184.70	
130	189.74	201.09	
135	231.42	244.52	
140	300.49	316.70	
145	395.34	416.01	
150	513.68	540.06	
155	652.55	685.72	
160	807.59	848.41	
165	972.69	1021.69	
170	1140.05	1197.36	
175	1300.64	1365.95	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1444.96	1517.45	
185	1563.84	1642.26	
190	1649.37	1732.06	
195	1695.57	1780.56	
200	1698.99	1784.14	
205	1659.01	1742.17	
210	1577.98	1657.11	
215	1461.06	1534.35	
220	1315.89	1381.96	
225	1152.20	1210.12	
230	981.22	1030.64	
235	815.08	856.27	
240	666.07	699.91	
245	545.15	573.06	
250	458.97	482.69	
255	405.63	426.79	
260	373.85	393.50	
265	349.26	367.73	
270	321.57	338.76	
275	287.22	302.81	
280	248.51	262.36	
285	212.20	224.48	
290	187.17	198.42	
295	179.17	190.10	
300	184.84	195.99	
305	194.50	206.04	
310	199.66	211.42	
315	196.05	207.66	
320	183.25	194.34	
325	163.72	174.07	
330	141.70	151.27	
335	121.60	130.57	
340	105.79	114.39	
345	93.03	101.43	
350	80.15	88.49	
355	67.09	75.56	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission