

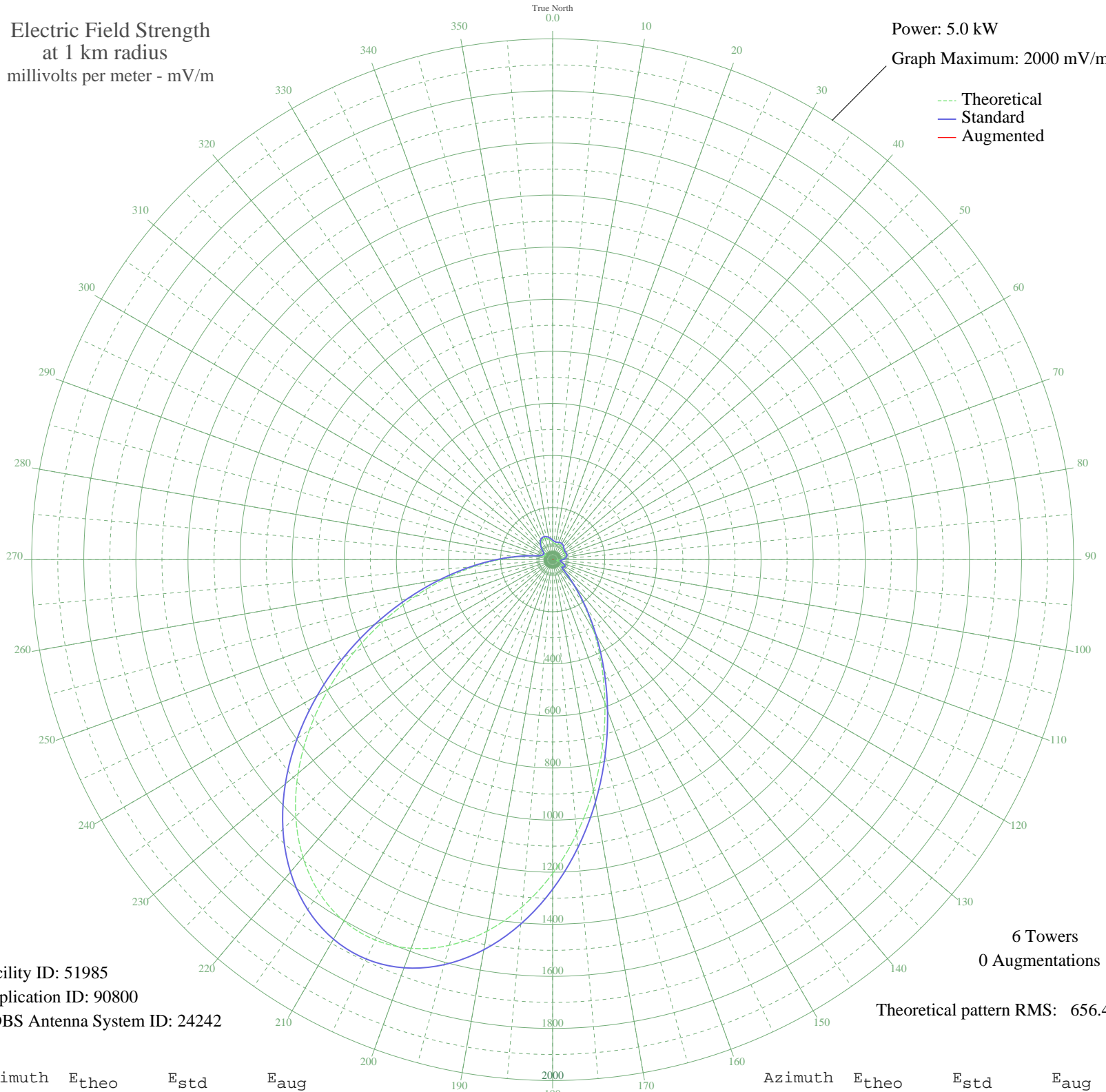
WTBN PINELLAS PARK, FL BL-19860801AD 570 kHz

Daytime

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: 24242

6 Towers  
0 Augmentations

Theoretical pattern RMS: 656.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	68.09	75.25	
5	63.63	70.81	
10	61.56	68.77	
15	61.89	69.10	
20	63.44	70.63	
25	64.60	71.78	
30	64.18	71.36	
35	61.81	69.02	
40	58.01	65.28	
45	53.93	61.30	
50	50.91	58.38	
55	49.68	57.21	
60	49.95	57.46	
65	50.62	58.10	
70	50.51	58.00	
75	48.73	56.29	
80	44.68	52.46	
85	38.11	46.39	
90	29.20	38.62	
95	19.47	31.13	
100	15.35	28.48	
105	23.44	34.02	
110	35.23	43.81	
115	44.24	52.05	
120	46.88	54.54	
125	41.69	49.68	
130	37.16	45.54	
135	62.37	69.57	
140	121.74	129.96	
145	206.99	218.60	
150	314.95	331.53	
155	442.76	465.49	
160	586.50	616.27	
165	740.99	778.39	
170	900.09	945.38	
175	1057.05	1110.15	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1205.00	1265.47	
185	1337.37	1404.43	
190	1448.33	1520.93	
195	1533.11	1609.94	
200	1588.21	1667.79	
205	1611.53	1692.27	
210	1602.42	1682.71	
215	1561.63	1639.88	
220	1491.23	1565.97	
225	1394.52	1464.43	
230	1275.81	1339.80	
235	1140.26	1197.51	
240	993.66	1043.60	
245	842.06	884.48	
250	691.58	726.54	
255	547.96	575.84	
260	416.33	437.78	
265	300.91	316.83	
270	204.86	216.38	
275	130.25	138.76	
280	78.38	85.59	
285	49.50	57.03	
290	38.64	46.87	
295	34.32	43.01	
300	30.91	40.06	
305	31.62	40.67	
310	39.75	47.89	
315	52.29	59.71	
320	65.07	72.25	
325	75.63	82.81	
330	82.84	90.09	
335	86.46	93.77	
340	86.75	94.06	
345	84.25	91.53	
350	79.67	86.88	
355	73.89	81.06	