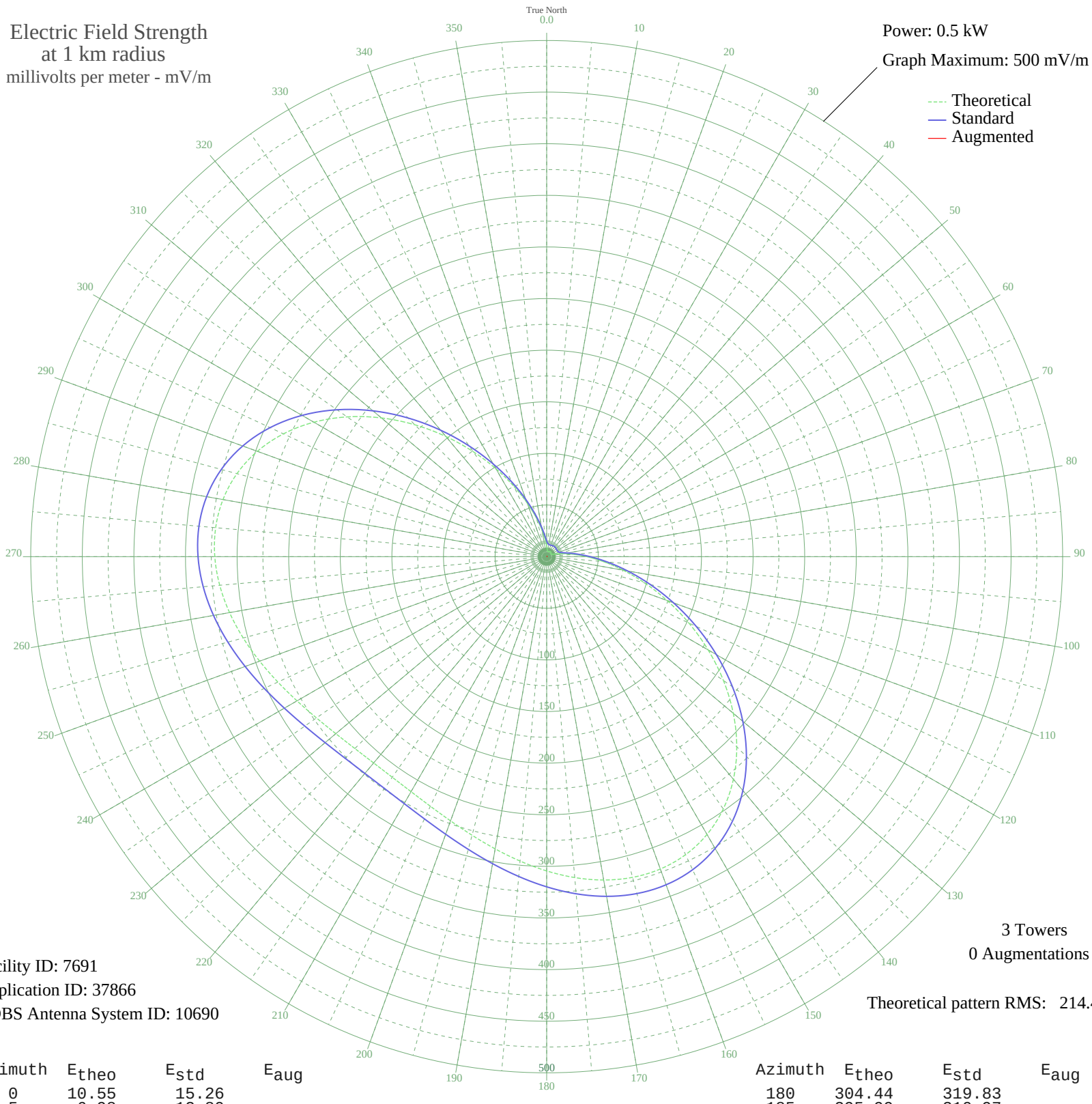
WJNT PEARL, MS BL-19820111AC 1180 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 7691
Application ID: 37866
CDBS Antenna System ID: 10690

Theoretical pattern RMS: 214.41

Azimuth	E_{theo}	E_{std}	E_{aug}
0	10.55	15.26	
5	6.98	12.80	
10	5.41	11.94	
15	4.99	11.74	
20	5.11	11.79	
25	5.46	11.96	
30	5.84	12.16	
35	6.08	12.29	
40	6.08	12.29	
45	5.84	12.16	
50	5.46	11.96	
55	5.11	11.79	
60	4.99	11.74	
65	5.41	11.94	
70	6.98	12.80	
75	10.55	15.26	
80	16.77	20.50	
85	26.10	29.34	
90	38.85	42.12	
95	55.20	58.90	
100	75.11	79.56	
105	98.29	103.74	
110	124.19	130.82	
115	151.99	159.93	
120	180.66	189.99	
125	209.08	219.78	
130	236.06	248.08	
135	260.50	273.73	
140	281.49	295.76	
145	298.36	313.45	
150	310.72	326.43	
155	318.53	334.62	
160	322.00	338.26	
165	321.62	337.87	
170	318.05	334.12	
175	312.05	327.83	
180	304.44	319.83	
185	295.99	310.97	
190	287.43	301.98	
195	279.38	293.53	
200	272.35	286.16	
205	266.75	280.28	
210	262.86	276.20	
215	260.86	274.11	
220	260.86	274.11	
225	262.86	276.20	
230	266.75	280.28	
235	272.35	286.16	
240	279.38	293.53	
245	287.43	301.98	
250	295.99	310.97	
255	304.44	319.83	
260	312.05	327.83	
265	318.05	334.12	
270	321.62	337.87	
275	322.00	338.26	
280	318.53	334.62	
285	310.72	326.43	
290	298.36	313.45	
295	281.49	295.75	
300	260.50	273.73	
305	236.05	248.08	
310	209.08	219.78	
315	180.66	189.99	
320	151.99	159.93	
325	124.19	130.82	
330	98.29	103.74	
335	75.11	79.56	
340	55.20	58.90	
345	38.84	42.12	
350	26.09	29.34	
355	16.77	20.50	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission