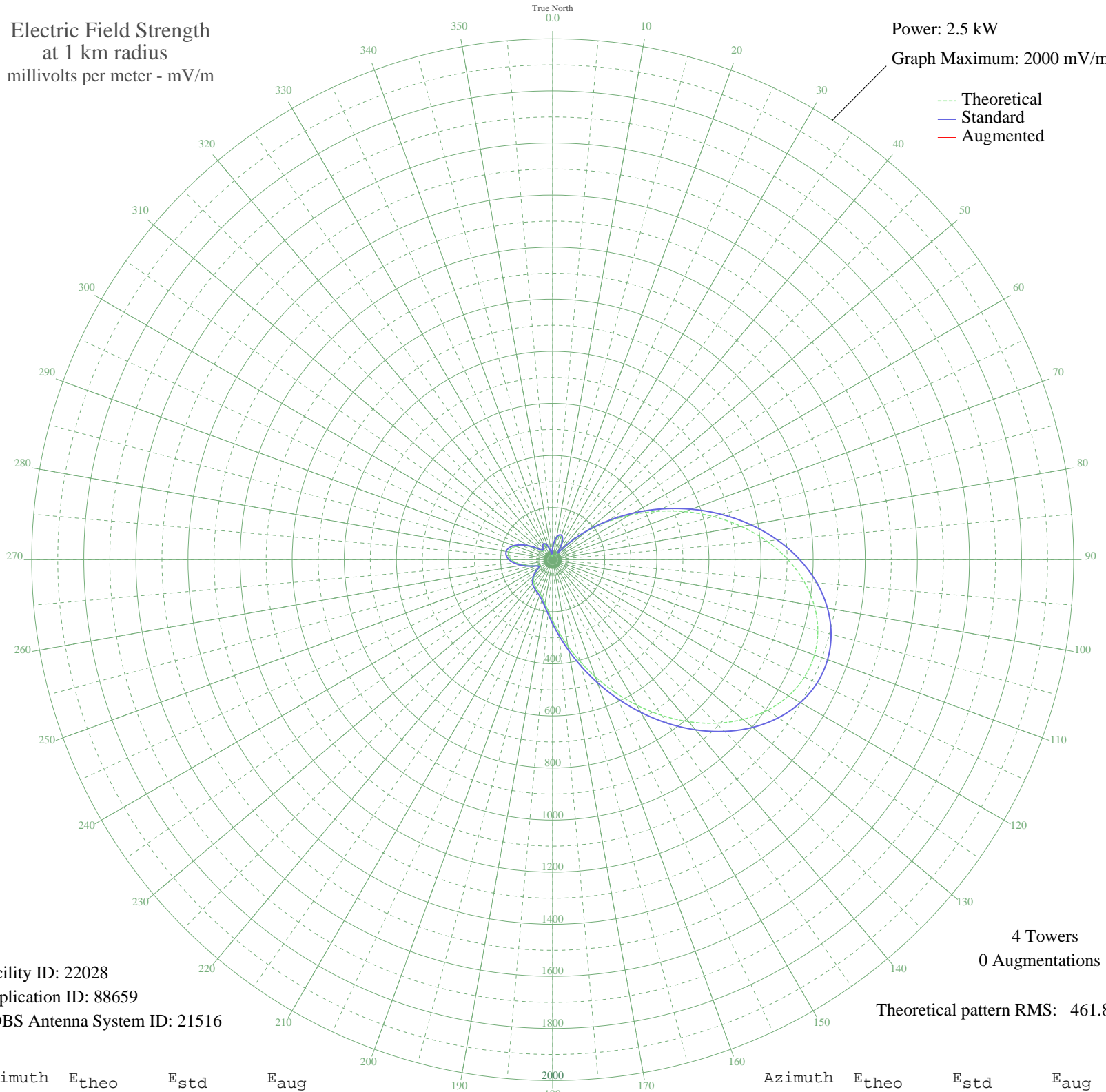


# WDEX MONROE, NC BL-19860530AA 1430 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 22028  
Application ID: 88659  
CDBS Antenna System ID: 21516

4 Towers  
0 Augmentations

Theoretical pattern RMS: 461.88

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	41.44	46.57	
5	63.77	68.99	
10	81.63	87.30	
15	92.34	98.37	
20	93.77	99.85	
25	84.30	90.06	
30	63.20	68.40	
35	33.32	38.73	
40	36.19	41.46	
45	92.06	98.08	
50	164.66	173.69	
55	248.46	261.42	
60	340.73	358.15	
65	438.69	460.92	
70	539.30	566.51	
75	639.34	671.51	
80	735.50	772.46	
85	824.55	865.93	
90	903.41	948.73	
95	969.36	1017.97	
100	1020.10	1071.23	
105	1053.86	1106.67	
110	1069.52	1123.12	
115	1066.68	1120.14	
120	1045.66	1098.07	
125	1007.56	1058.07	
130	954.21	1002.05	
135	888.07	932.62	
140	812.16	852.93	
145	729.80	766.47	
150	644.50	676.93	
155	559.68	587.90	
160	478.48	502.68	
165	403.56	424.07	
170	337.00	354.24	
175	280.15	294.63	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	233.62	245.87	
185	197.31	207.84	
190	170.44	179.74	
195	151.69	160.14	
200	139.32	147.22	
205	131.31	138.87	
210	125.54	132.86	
215	119.96	127.05	
220	112.79	119.58	
225	102.71	109.11	
230	89.22	95.14	
235	73.19	78.62	
240	58.32	63.44	
245	53.34	58.42	
250	65.46	70.71	
255	88.87	94.78	
260	115.24	122.13	
265	139.44	147.35	
270	158.24	166.98	
275	169.44	178.69	
280	171.79	181.14	
285	164.96	174.00	
290	149.63	157.98	
295	127.45	134.84	
300	101.08	107.43	
305	74.47	79.93	
310	53.69	58.77	
315	46.63	51.70	
320	52.62	57.70	
325	61.12	66.29	
330	65.14	70.39	
335	62.15	67.34	
340	51.85	56.92	
345	35.39	40.70	
350	16.59	24.06	
355	18.89	25.87	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission