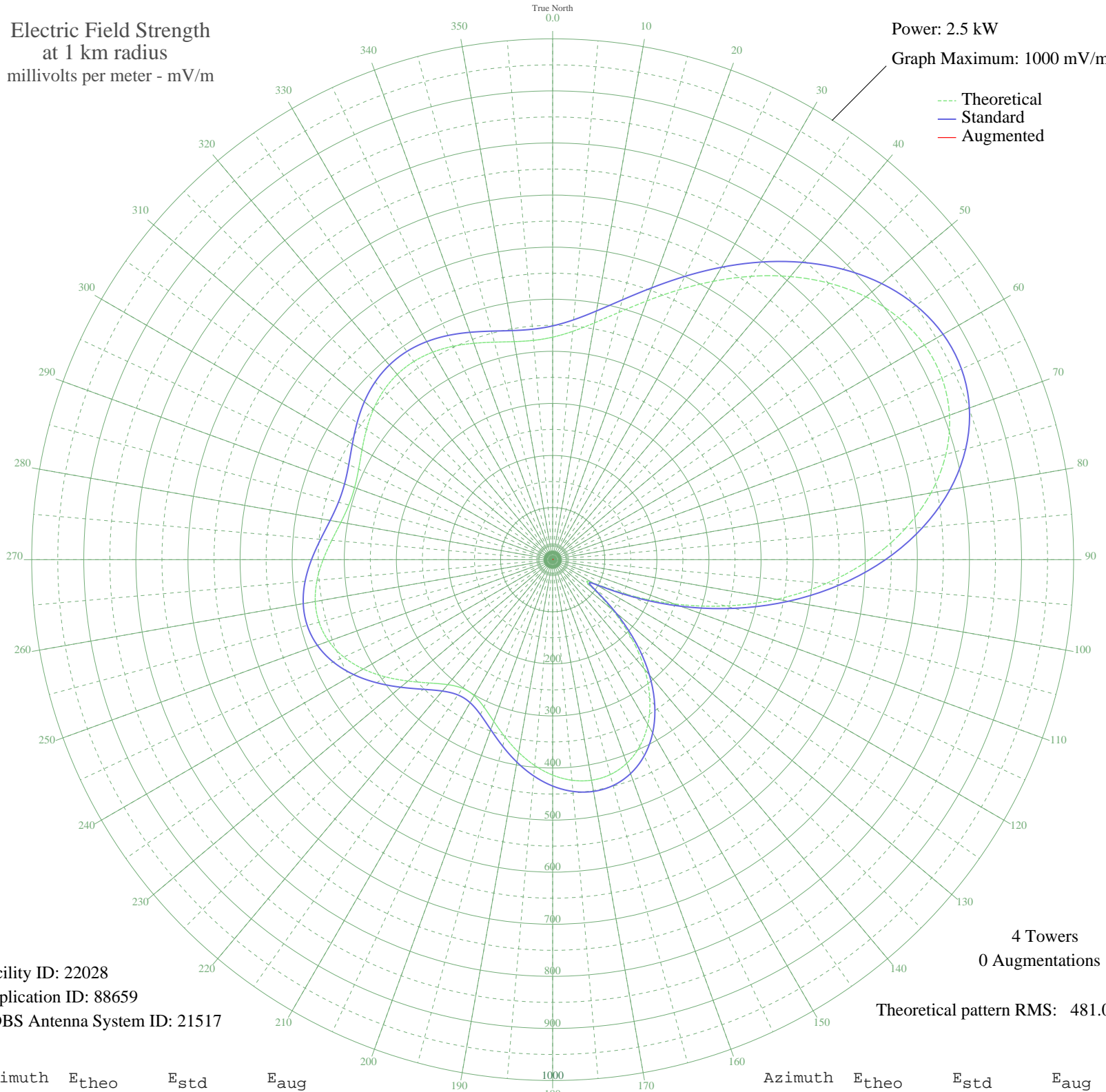


WDEX MONROE, NC BL-19860530AA 1430 kHz

Daytime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 22028
Application ID: 88659
CDBS Antenna System ID: 21517

4 Towers
0 Augmentations

Theoretical pattern RMS: 481.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	427.16	448.83	
5	439.96	462.26	
10	461.55	484.91	
15	491.51	516.35	
20	528.66	555.34	
25	571.26	600.05	
30	617.20	648.27	
35	664.12	697.53	
40	709.49	745.15	
45	750.70	788.41	
50	785.14	824.57	
55	810.34	851.01	
60	824.08	865.44	
65	824.57	865.96	
70	810.58	851.27	
75	781.48	820.72	
80	737.39	774.44	
85	679.14	713.29	
90	608.23	638.86	
95	526.79	553.38	
100	437.50	459.67	
105	343.49	361.04	
110	248.53	261.49	
115	158.28	167.02	
120	88.50	94.39	
125	89.98	95.92	
130	149.54	157.89	
135	215.21	226.58	
140	274.70	288.91	
145	325.05	341.71	
150	365.38	384.00	
155	395.58	415.70	
160	416.01	437.12	
165	427.23	448.90	
170	429.98	451.78	
175	425.12	446.68	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	413.61	434.61	
185	396.64	416.80	
190	375.69	394.82	
195	352.73	370.74	
200	330.41	347.33	
205	312.09	328.11	
210	301.47	316.98	
215	301.55	317.06	
220	313.24	329.32	
225	334.79	351.92	
230	362.54	381.03	
235	392.21	412.15	
240	419.86	441.17	
245	442.35	464.77	
250	457.52	480.69	
255	464.29	487.78	
260	462.71	486.13	
265	454.03	477.02	
270	440.60	462.93	
275	425.63	447.22	
280	412.73	433.68	
285	405.10	425.68	
290	404.56	425.12	
295	411.00	431.87	
300	422.50	443.94	
305	436.17	458.28	
310	449.09	471.84	
315	458.92	482.15	
320	464.23	487.72	
325	464.50	488.00	
330	460.08	483.37	
335	452.06	474.95	
340	442.10	464.50	
345	432.31	454.23	
350	425.04	446.60	
355	422.65	444.09	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission