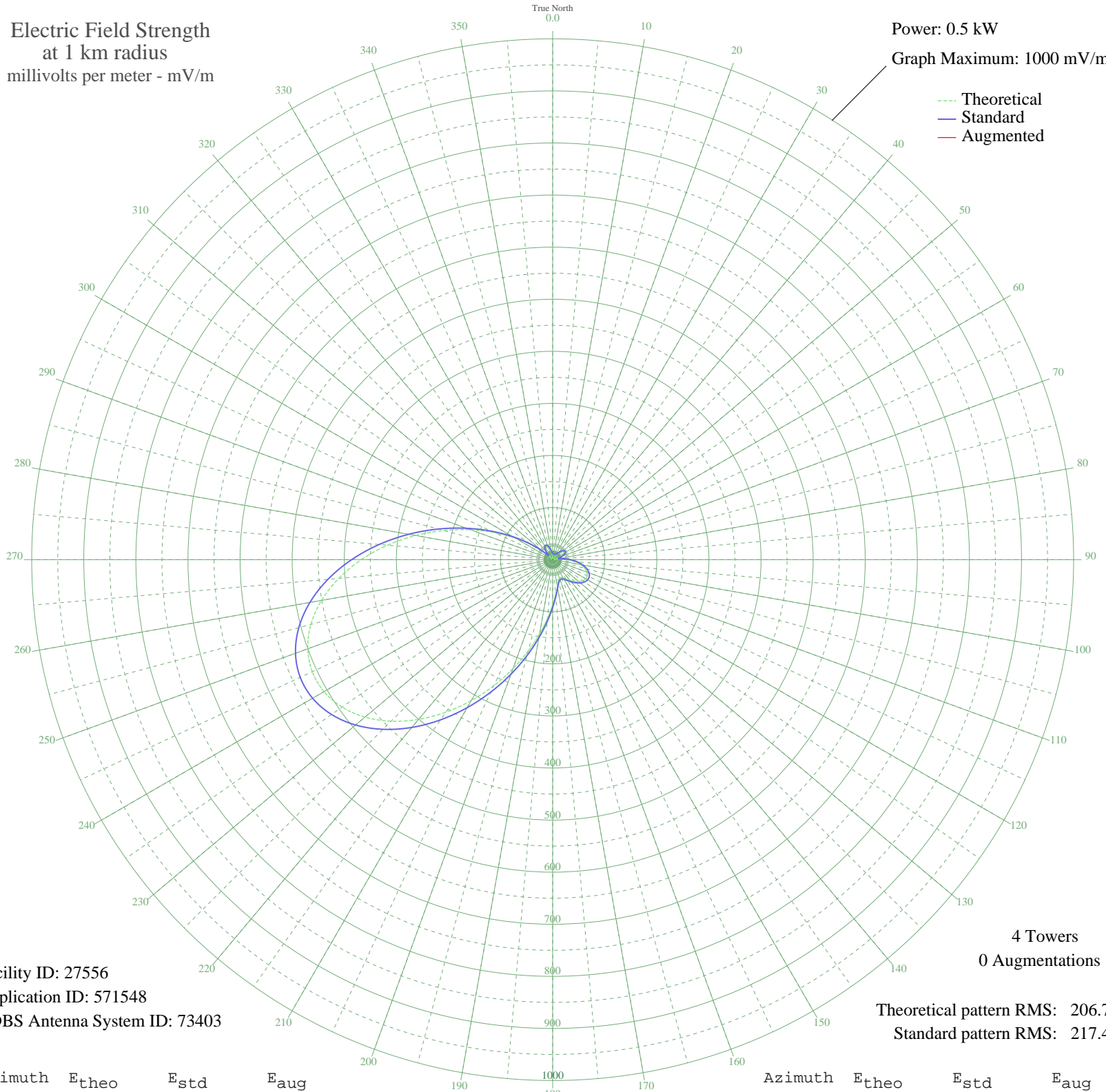


WRYT EDWARDSVILLE, IL BML-20010530ADC 1080 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 27556
Application ID: 571548
CDBS Antenna System ID: 73403

4 Towers
0 Augmentations

Theoretical pattern RMS: 206.77
Standard pattern RMS: 217.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4.06	11.33	
5	0.39	10.51	
10	3.30	11.06	
15	4.38	11.46	
20	3.50	11.12	
25	0.77	10.53	
30	3.57	11.15	
35	8.91	14.07	
40	14.62	18.60	
45	19.91	23.40	
50	23.97	27.27	
55	26.03	29.28	
60	25.52	28.78	
65	22.07	25.44	
70	15.62	19.48	
75	6.42	12.48	
80	4.97	11.73	
85	17.77	21.41	
90	31.03	34.23	
95	43.74	47.12	
100	54.97	58.67	
105	63.93	67.94	
110	70.06	74.31	
115	73.11	77.48	
120	73.10	77.47	
125	70.34	74.60	
130	65.38	69.45	
135	58.98	62.81	
140	52.01	55.61	
145	45.44	48.85	
150	40.25	43.55	
155	37.43	40.68	
160	37.88	41.14	
165	42.43	45.77	
170	51.78	55.38	
175	66.47	70.58	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	86.85	91.79	
185	113.00	119.11	
190	144.74	152.34	
195	181.58	190.95	
200	222.66	234.03	
205	266.76	280.29	
210	312.33	328.12	
215	357.54	375.56	
220	400.34	420.48	
225	438.59	460.64	
230	470.24	493.86	
235	493.43	518.20	
240	506.69	532.12	
245	509.05	534.61	
250	500.17	525.29	
255	480.35	504.48	
260	450.54	473.18	
265	412.23	432.97	
270	367.38	385.89	
275	318.21	334.29	
280	267.05	280.59	
285	216.12	227.17	
290	167.46	176.14	
295	122.72	129.28	
300	83.16	87.95	
305	49.60	53.12	
310	22.41	25.76	
315	1.61	10.63	
320	13.18	17.37	
325	22.46	25.81	
330	27.00	30.23	
335	27.66	30.88	
340	25.34	28.60	
345	20.96	24.39	
350	15.42	19.30	
355	9.54	14.51	

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