

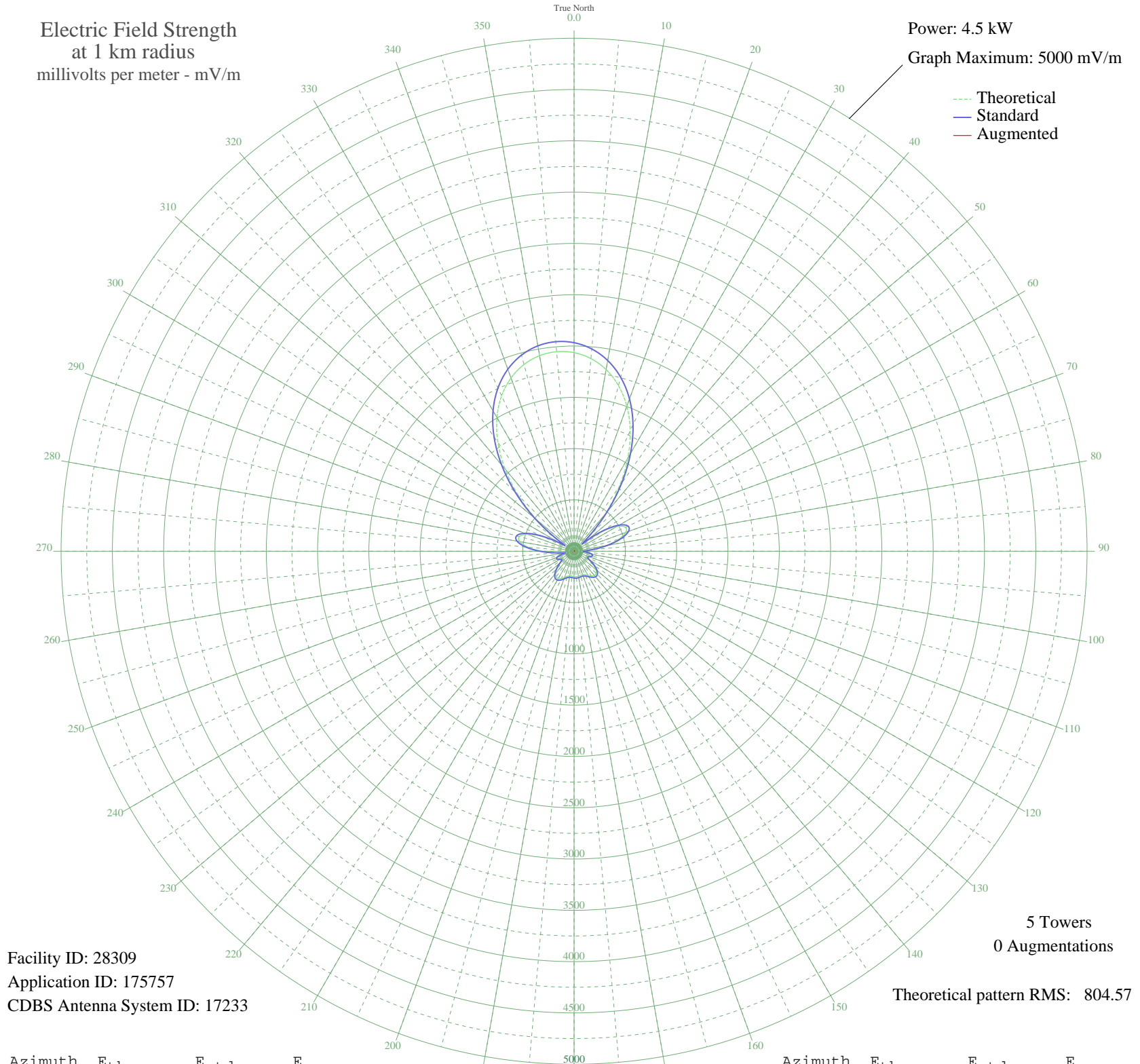
WRDZ LA GRANGE, IL BL-19920803AD 1300 kHz

Daytime

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

Power: 4.5 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 28309
Application ID: 175757
CDBS Antenna System ID: 17233

5 Towers
0 Augmentations

Theoretical pattern RMS: 804.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1935.49	2032.51	
5	1884.57	1979.05	
10	1797.38	1887.52	
15	1671.22	1755.07	
20	1503.81	1579.32	
25	1294.72	1359.82	
30	1047.01	1099.82	
35	768.86	807.93	
40	475.17	499.93	
45	194.27	206.42	
50	137.90	148.21	
55	336.22	354.45	
60	483.99	509.18	
65	551.86	580.31	
70	536.71	564.43	
75	450.07	473.63	
80	315.96	333.26	
85	168.74	179.98	
90	74.68	84.56	
95	122.57	132.54	
100	169.18	180.43	
105	172.45	183.82	
110	146.86	157.42	
115	134.06	144.27	
120	169.58	180.84	
125	228.00	241.48	
130	277.49	293.08	
135	304.82	321.62	
140	308.50	325.47	
145	294.29	310.62	
150	272.12	287.47	
155	252.68	267.20	
160	242.98	257.09	
165	242.88	256.98	
170	246.77	261.03	
175	248.82	263.18	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	246.77	261.03	
185	242.88	256.98	
190	242.98	257.09	
195	252.68	267.20	
200	272.12	287.47	
205	294.29	310.62	
210	308.50	325.47	
215	304.82	321.62	
220	277.49	293.08	
225	228.00	241.49	
230	169.58	180.85	
235	134.06	144.27	
240	146.86	157.42	
245	172.45	183.82	
250	169.18	180.43	
255	122.58	132.54	
260	74.68	84.56	
265	168.74	179.98	
270	315.96	333.26	
275	450.07	473.63	
280	536.70	564.43	
285	551.86	580.31	
290	484.00	509.18	
295	336.23	354.45	
300	137.90	148.21	
305	194.27	206.42	
310	475.17	499.93	
315	768.86	807.92	
320	1047.01	1099.81	
325	1294.71	1359.82	
330	1503.81	1579.31	
335	1671.22	1755.07	
340	1797.38	1887.52	
345	1884.57	1979.05	
350	1935.49	2032.51	
355	1952.21	2050.07	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission