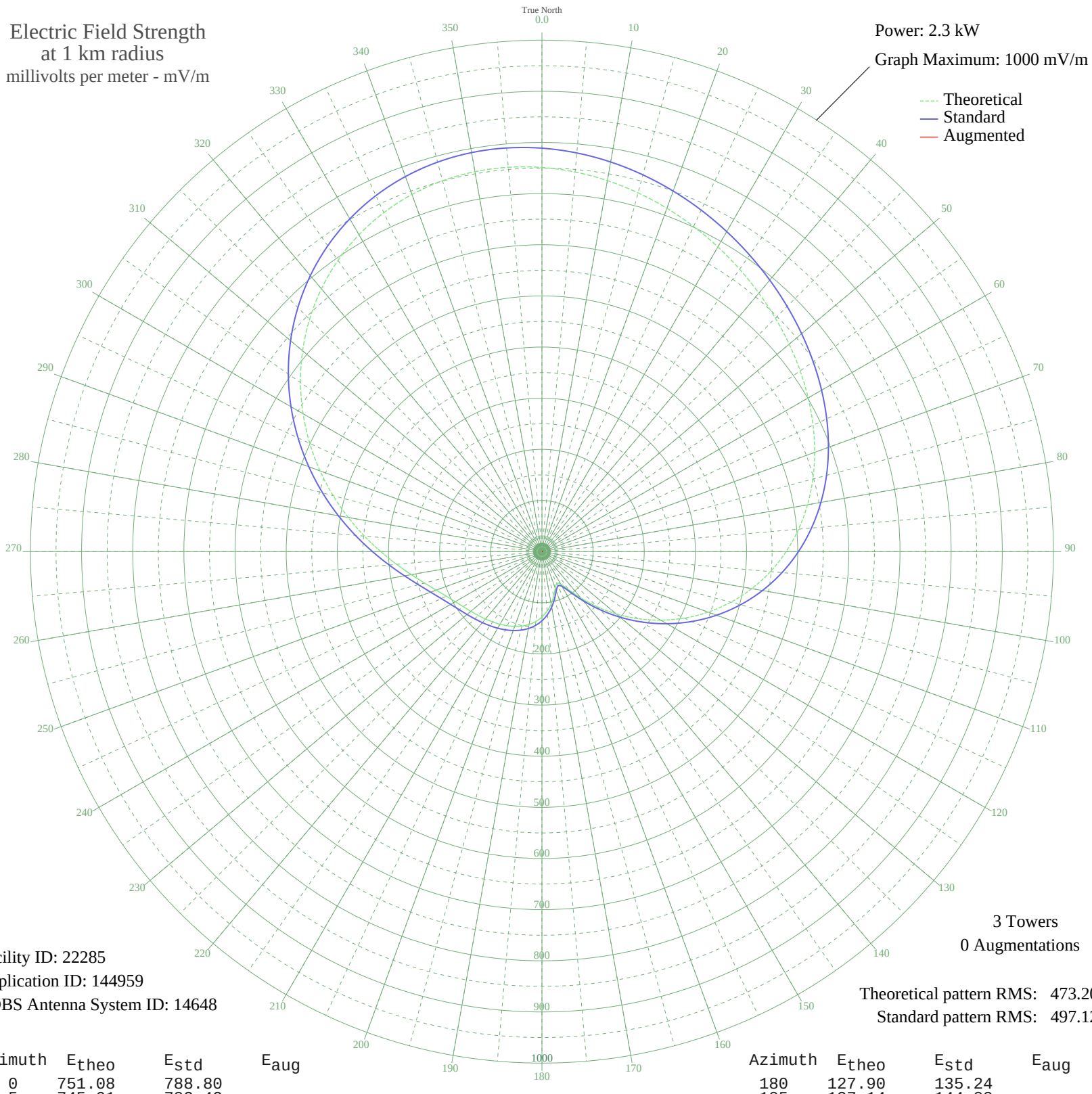
WGL FORT WAYNE, IN BL-19900208AA 1250 kHz

Daytime

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



Power: 2.3 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 22285
Application ID: 144959
CDBS Antenna System ID: 14648

Theoretical pattern RMS: 473.20
Standard pattern RMS: 497.12

Azimuth	E_{theo}	E_{std}	E_{aug}
0	751.08	788.80	
5	745.01	782.42	
10	736.55	773.54	
15	726.18	762.65	
20	714.34	750.23	
25	701.46	736.71	
30	687.90	722.47	
35	673.94	707.82	
40	659.78	692.95	
45	645.49	677.96	
50	631.06	662.80	
55	616.32	647.34	
60	601.04	631.30	
65	584.88	614.33	
70	567.46	596.04	
75	548.35	575.99	
80	527.18	553.77	
85	503.61	529.03	
90	477.40	501.52	
95	448.41	471.10	
100	416.67	437.79	
105	382.35	401.78	
110	345.79	363.42	
115	307.47	323.24	
120	268.06	281.91	
125	228.35	240.30	
130	189.32	199.42	
135	152.17	160.57	
140	118.53	125.47	
145	90.89	96.76	
150	73.13	78.42	
155	68.86	74.04	
160	76.33	81.71	
165	89.44	95.25	
170	103.60	109.94	
175	116.68	123.55	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	127.90	135.24	
185	137.14	144.88	
190	144.60	152.66	
195	150.62	158.96	
200	155.62	164.17	
205	159.95	168.70	
210	163.93	172.87	
215	167.83	176.94	
220	171.87	181.16	
225	176.28	185.78	
230	181.40	191.14	
235	187.69	197.72	
240	195.74	206.15	
245	206.28	217.18	
250	220.02	231.56	
255	237.55	249.94	
260	259.26	272.69	
265	285.18	299.87	
270	315.08	331.21	
275	348.42	366.19	
280	384.52	404.06	
285	422.55	443.96	
290	461.62	484.96	
295	500.82	526.11	
300	539.29	566.48	
305	576.20	605.22	
310	610.81	641.55	
315	642.48	674.79	
320	670.70	704.41	
325	695.06	729.99	
330	715.31	751.24	
335	731.31	768.04	
340	743.05	780.36	
345	750.64	788.33	
350	754.30	792.17	
355	754.32	792.20	

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