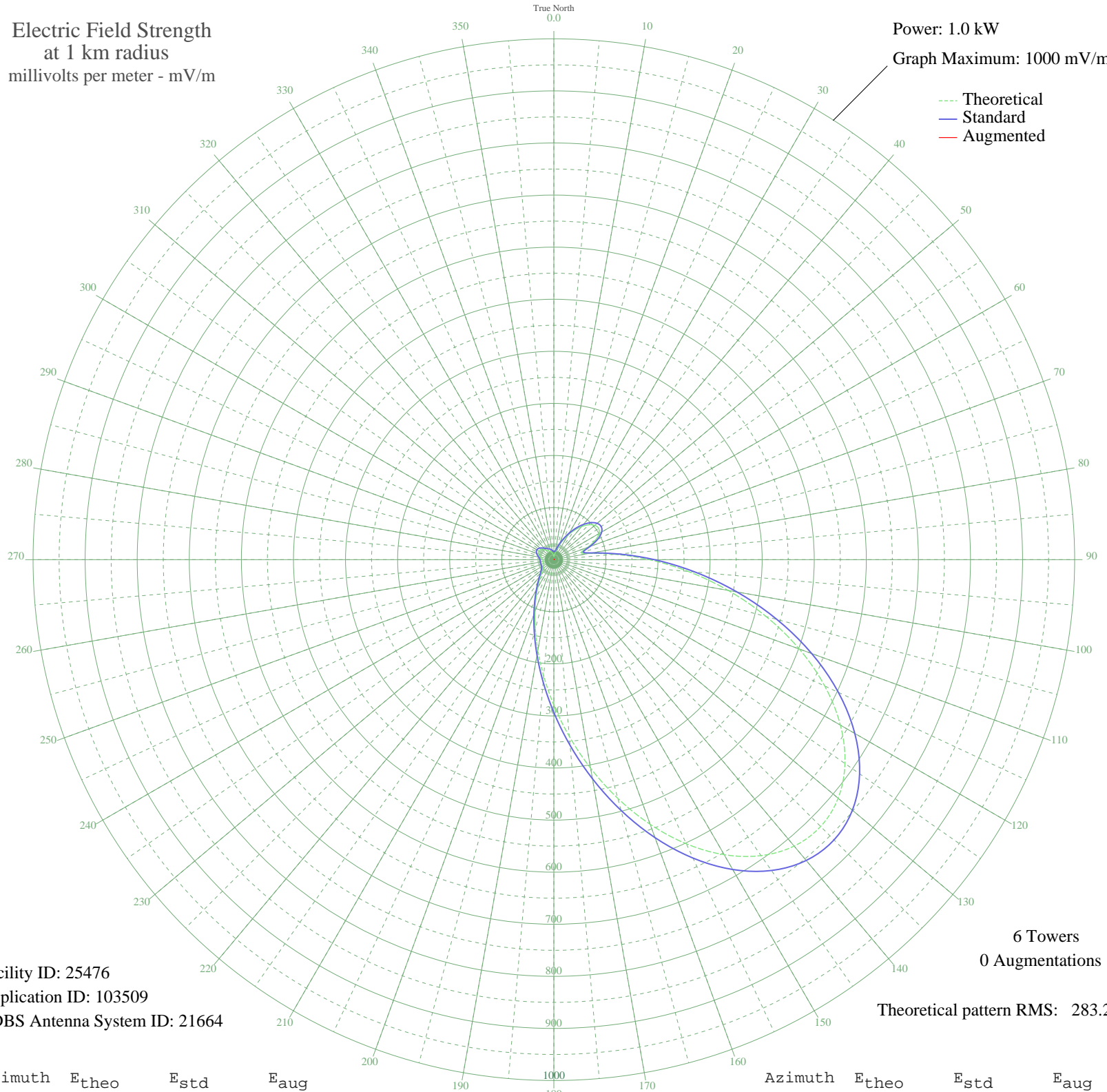


WRGM ONTARIO, OH BL-19870709AD 1440 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 25476  
Application ID: 103509  
CDBS Antenna System ID: 21664

6 Towers  
0 Augmentations  
Theoretical pattern RMS: 283.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	6.23	15.35	
5	6.21	15.34	
10	10.54	17.76	
15	18.07	23.51	
20	28.16	32.66	
25	40.46	44.69	
30	54.38	58.76	
35	68.95	73.71	
40	82.89	88.13	
45	94.65	100.35	
50	102.54	108.56	
55	104.87	110.98	
60	100.17	106.09	
65	87.70	93.12	
70	68.94	73.70	
75	54.05	58.43	
80	69.64	74.43	
85	117.91	124.58	
90	183.40	193.07	
95	258.86	272.15	
100	339.82	357.08	
105	422.14	443.47	
110	501.61	526.87	
115	574.01	602.87	
120	635.40	667.32	
125	682.44	716.70	
130	712.62	748.38	
135	724.51	760.86	
140	717.88	753.90	
145	693.70	728.52	
150	654.05	686.89	
155	601.88	632.13	
160	540.73	567.94	
165	474.39	498.30	
170	406.57	427.12	
175	340.57	357.87	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	279.11	293.39	
185	224.12	235.74	
190	176.75	186.10	
195	137.38	144.91	
200	105.76	111.91	
205	81.15	86.33	
210	62.54	67.12	
215	48.80	53.09	
220	38.86	43.10	
225	31.83	36.19	
230	27.02	31.59	
235	23.95	28.72	
240	22.21	27.14	
245	21.42	26.43	
250	21.16	26.21	
255	21.08	26.13	
260	21.00	26.06	
265	21.00	26.06	
270	21.47	26.47	
275	22.81	27.69	
280	25.13	29.81	
285	28.01	32.53	
290	30.78	35.18	
295	32.73	37.07	
300	33.37	37.69	
305	32.52	36.86	
310	30.33	34.74	
315	27.26	31.81	
320	23.98	28.75	
325	21.12	26.17	
330	19.00	24.31	
335	17.41	22.96	
340	15.86	21.68	
345	13.93	20.17	
350	11.49	18.40	
355	8.72	16.63	

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.

24 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission