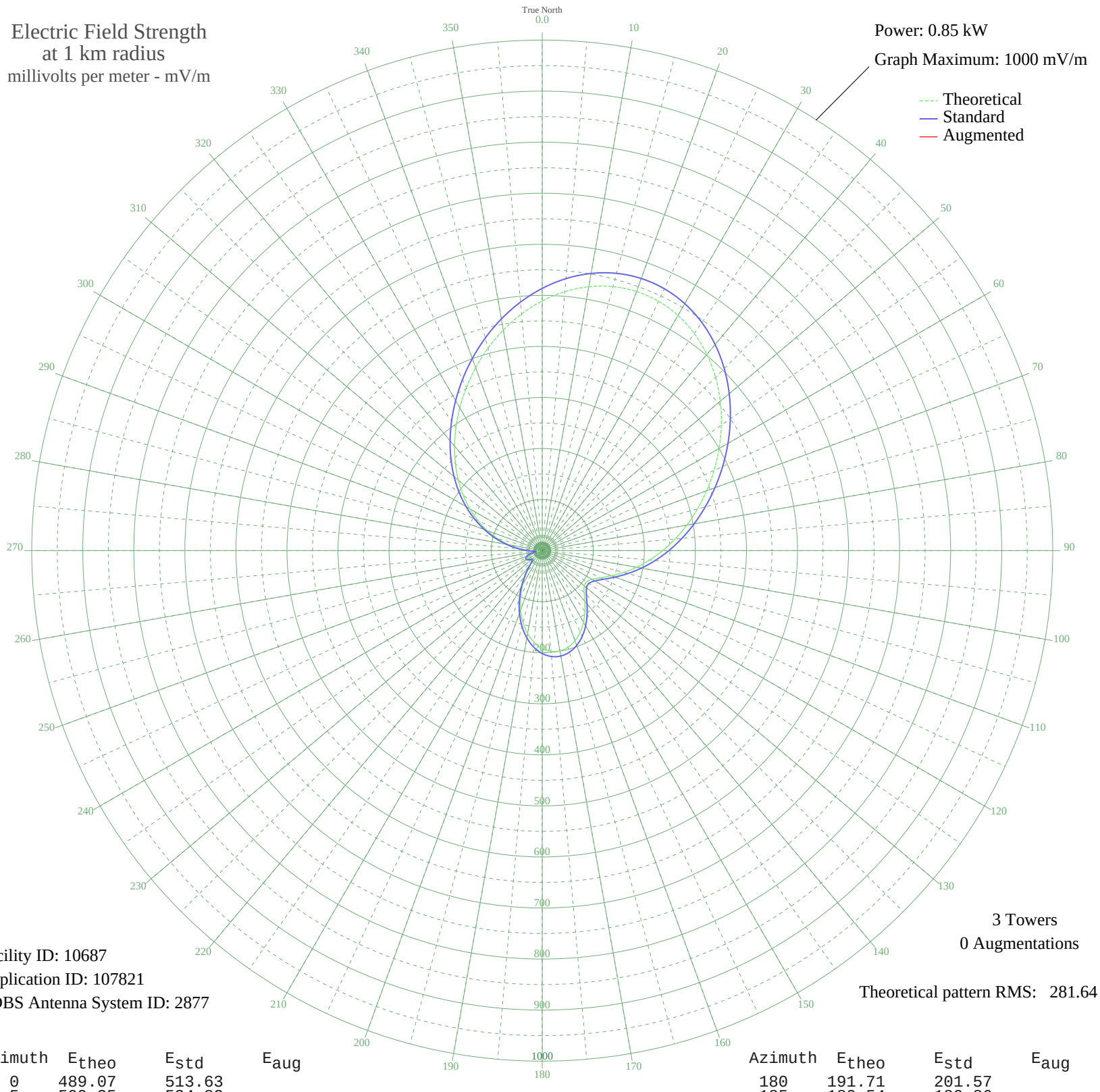
WWLZ HORSEHEADS, NY BL-19871218AD 820 kHz

Nighttime

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



Power: 0.85 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 10687
Application ID: 107821
CDBS Antenna System ID: 2877

Theoretical pattern RMS: 281.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	489.07	513.63	
5	509.25	534.82	
10	524.92	551.27	
15	535.37	562.23	
20	540.09	567.19	
25	538.88	565.92	
30	531.80	558.49	
35	519.20	545.26	
40	501.69	526.88	
45	480.07	504.18	
50	455.27	478.15	
55	428.26	449.80	
60	399.98	420.11	
65	371.24	389.94	
70	342.67	359.95	
75	314.70	330.61	
80	287.58	302.14	
85	261.34	274.61	
90	235.96	247.98	
95	211.38	222.19	
100	187.64	197.30	
105	165.00	173.56	
110	144.08	151.65	
115	126.04	132.76	
120	112.68	118.78	
125	106.07	111.87	
130	107.44	113.30	
135	116.06	122.32	
140	129.63	136.51	
145	145.53	153.17	
150	161.59	169.99	
155	176.12	185.22	
160	187.86	197.53	
165	195.83	205.89	
170	199.37	209.60	
175	198.04	208.20	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	191.71	201.57	
185	180.54	189.86	
190	164.97	173.54	
195	145.72	153.37	
200	123.76	130.37	
205	100.23	105.77	
210	76.50	81.01	
215	54.13	57.80	
220	35.25	38.47	
225	23.65	26.96	
230	23.13	26.46	
235	28.25	31.46	
240	32.22	35.42	
245	32.62	35.83	
250	28.87	32.08	
255	21.04	24.46	
260	9.92	14.79	
265	8.27	13.63	
270	25.19	28.45	
275	45.28	48.69	
280	67.20	71.33	
285	90.36	95.46	
290	114.35	120.53	
295	138.86	146.18	
300	163.73	172.24	
305	188.91	198.63	
310	214.45	225.41	
315	240.49	252.73	
320	267.19	280.74	
325	294.67	309.58	
330	322.96	339.27	
335	351.93	369.68	
340	381.26	400.46	
345	410.43	431.08	
350	438.71	460.76	
355	465.24	488.61	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission