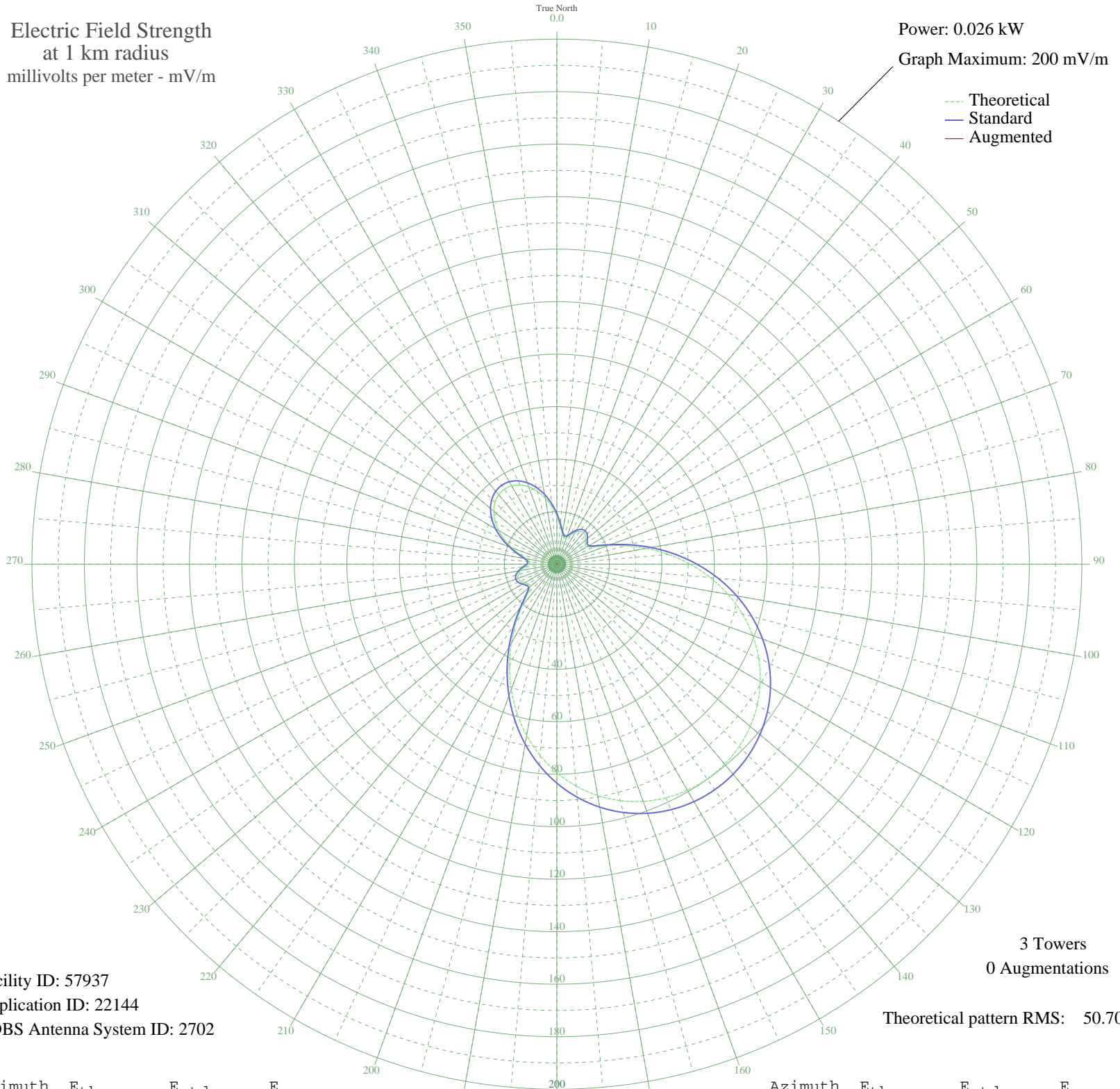


WTHH HEATH, OH BL-19800730AA 790 kHz

Nighttime

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

Power: 0.026 kW
Graph Maximum: 200 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 57937
Application ID: 22144
CDBS Antenna System ID: 2702

3 Towers
0 Augmentations

Theoretical pattern RMS: 50.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	18.25	19.29	
5	14.65	15.55	
10	11.79	12.59	
15	10.40	11.15	
20	10.79	11.56	
25	12.31	13.12	
30	14.00	14.88	
35	15.25	16.17	
40	15.72	16.66	
45	15.34	16.26	
50	14.29	15.17	
55	13.20	14.04	
60	13.27	14.12	
65	15.72	16.66	
70	20.59	21.74	
75	27.13	28.58	
80	34.66	36.46	
85	42.66	44.85	
90	50.77	53.36	
95	58.70	61.68	
100	66.23	69.57	
105	73.17	76.86	
110	79.40	83.40	
115	84.85	89.12	
120	89.47	93.97	
125	93.23	97.92	
130	96.15	100.98	
135	98.21	103.15	
140	99.45	104.44	
145	99.86	104.87	
150	99.45	104.44	
155	98.21	103.15	
160	96.15	100.98	
165	93.23	97.92	
170	89.47	93.97	
175	84.85	89.12	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	79.40	83.40	
185	73.17	76.86	
190	66.23	69.57	
195	58.70	61.68	
200	50.77	53.36	
205	42.66	44.85	
210	34.66	36.46	
215	27.13	28.58	
220	20.59	21.74	
225	15.72	16.66	
230	13.27	14.12	
235	13.20	14.04	
240	14.29	15.17	
245	15.34	16.26	
250	15.72	16.66	
255	15.25	16.17	
260	14.00	14.88	
265	12.31	13.12	
270	10.79	11.56	
275	10.40	11.15	
280	11.79	12.59	
285	14.65	15.55	
290	18.25	19.29	
295	22.01	23.22	
300	25.59	26.97	
305	28.76	30.28	
310	31.35	33.00	
315	33.28	35.01	
320	34.45	36.25	
325	34.85	36.66	
330	34.45	36.25	
335	33.28	35.01	
340	31.35	33.00	
345	28.76	30.28	
350	25.59	26.97	
355	22.01	23.22	