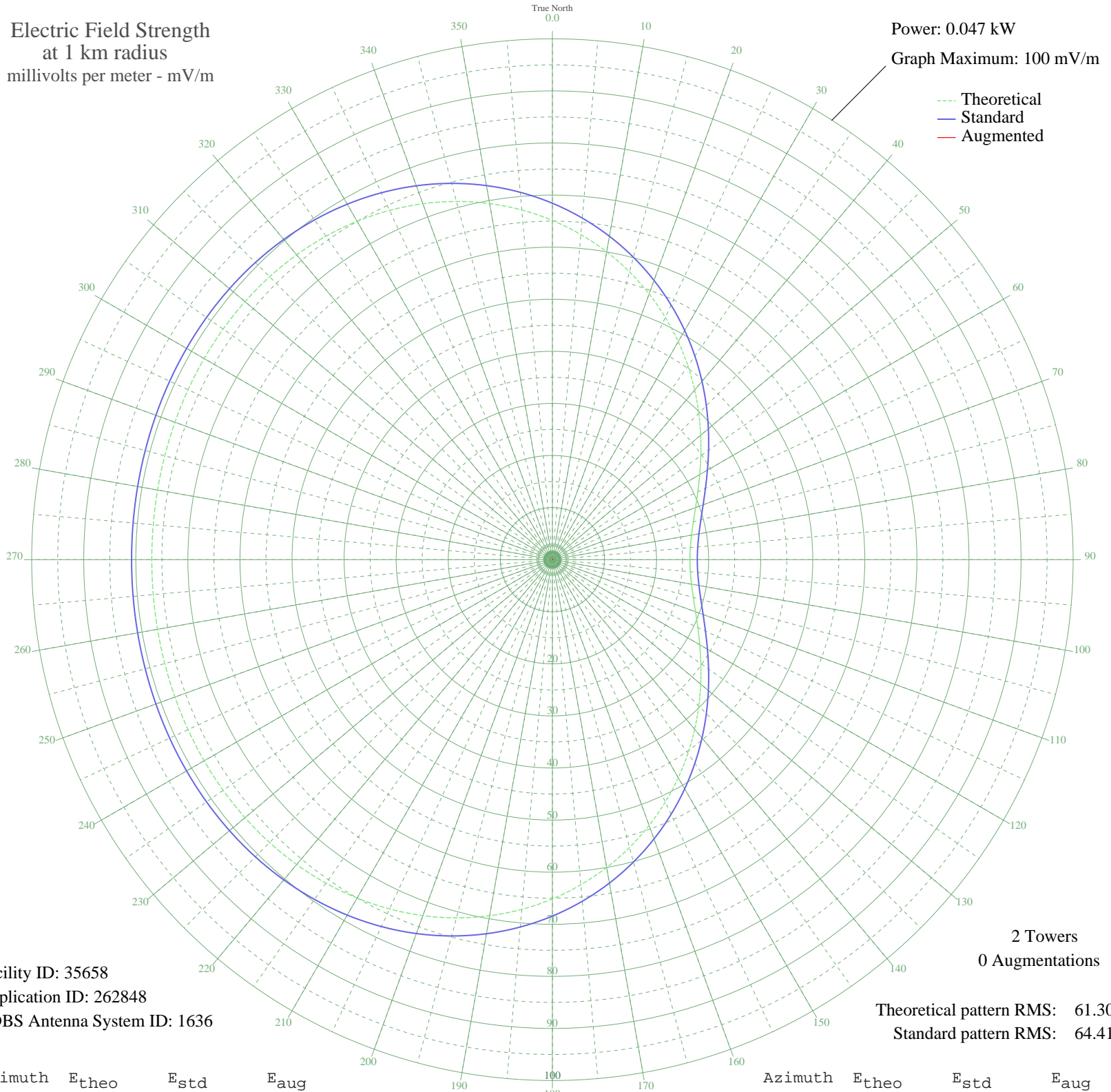


KTCH WAYNE, NE BL-19980226KA 1590 kHz

Nighttime

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

Power: 0.047 kW
Graph Maximum: 100 mV/m



Facility ID: 35658
Application ID: 262848
CDBS Antenna System ID: 1636

2 Towers
0 Augmentations

Theoretical pattern RMS: 61.30
Standard pattern RMS: 64.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	65.13	68.43	
5	62.66	65.83	
10	60.01	63.05	
15	57.21	60.11	
20	54.30	57.06	
25	51.33	53.94	
30	48.34	50.81	
35	45.38	47.71	
40	42.51	44.69	
45	39.76	41.81	
50	37.17	39.10	
55	34.80	36.61	
60	32.67	34.38	
65	30.81	32.43	
70	29.26	30.80	
75	28.03	29.51	
80	27.13	28.58	
85	26.59	28.02	
90	26.41	27.83	
95	26.59	28.02	
100	27.13	28.58	
105	28.03	29.51	
110	29.26	30.80	
115	30.81	32.43	
120	32.67	34.38	
125	34.80	36.61	
130	37.17	39.10	
135	39.76	41.81	
140	42.51	44.69	
145	45.38	47.71	
150	48.34	50.81	
155	51.33	53.94	
160	54.30	57.06	
165	57.21	60.11	
170	60.01	63.05	
175	62.66	65.83	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	65.13	68.43	
185	67.39	70.80	
190	69.42	72.93	
195	71.20	74.79	
200	72.72	76.39	
205	73.99	77.72	
210	75.02	78.80	
215	75.81	79.64	
220	76.40	80.25	
225	76.81	80.68	
230	77.06	80.95	
235	77.19	81.08	
240	77.23	81.12	
245	77.20	81.09	
250	77.14	81.03	
255	77.07	80.95	
260	77.00	80.88	
265	76.95	80.83	
270	76.93	80.81	
275	76.95	80.83	
280	77.00	80.88	
285	77.07	80.95	
290	77.14	81.03	
295	77.20	81.09	
300	77.23	81.12	
305	77.19	81.08	
310	77.06	80.95	
315	76.81	80.68	
320	76.40	80.25	
325	75.81	79.64	
330	75.02	78.80	
335	73.99	77.72	
340	72.72	76.39	
345	71.20	74.79	
350	69.42	72.93	
355	67.39	70.80	

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