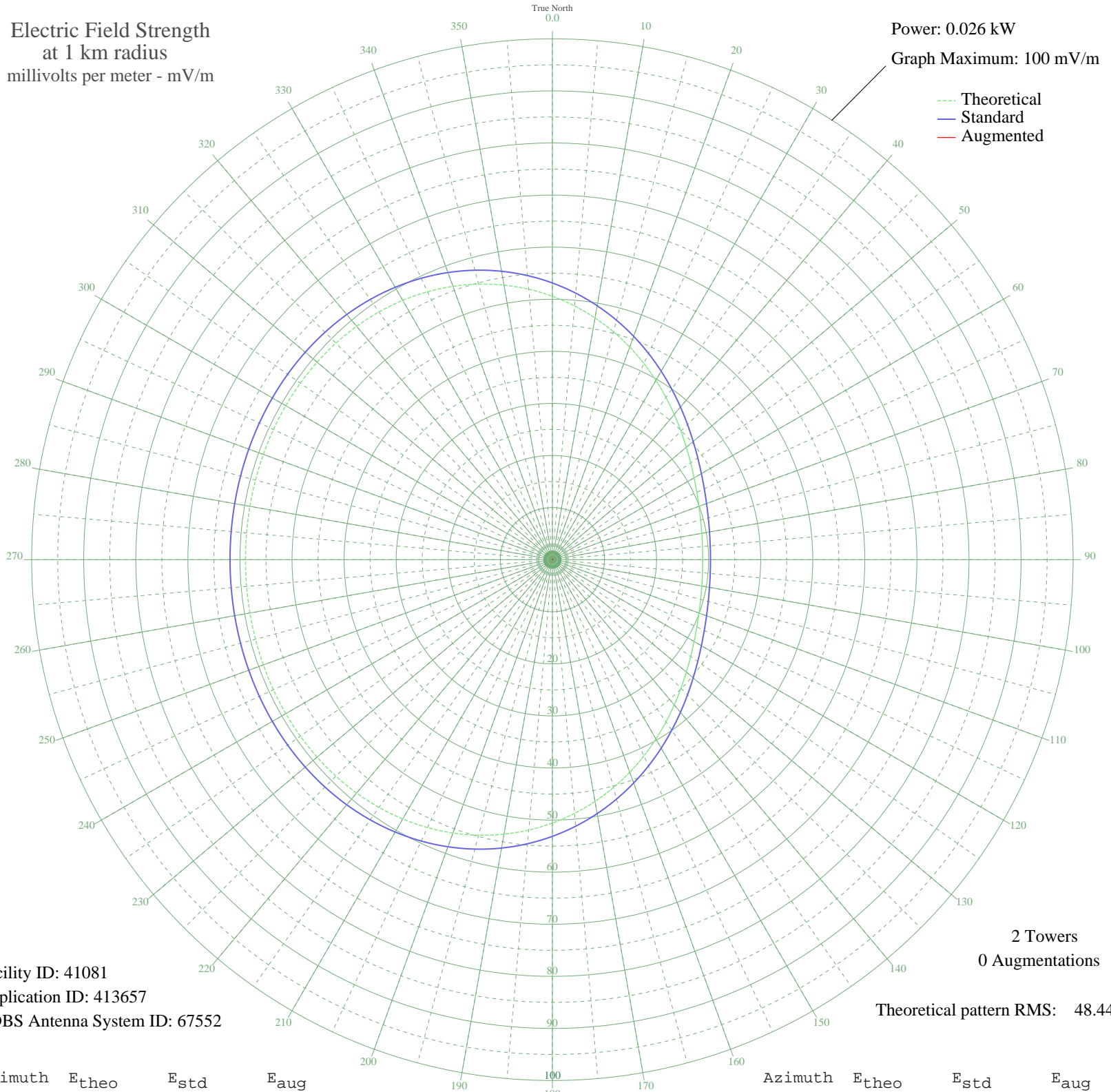


# WLBY SALINE, MI BL-- 1290 kHz

Nighttime

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

Power: 0.026 kW  
Graph Maximum: 100 mV/m



Facility ID: 41081  
Application ID: 413657  
CDBS Antenna System ID: 67552

2 Towers  
0 Augmentations

Theoretical pattern RMS: 48.44

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	50.56	53.12	
5	48.89	51.36	
10	47.12	49.51	
15	45.29	47.59	
20	43.43	45.63	
25	41.57	43.68	
30	39.76	41.78	
35	38.03	39.96	
40	36.40	38.26	
45	34.91	36.70	
50	33.58	35.30	
55	32.41	34.08	
60	31.42	33.04	
65	30.61	32.18	
70	29.96	31.50	
75	29.47	30.99	
80	29.13	30.63	
85	28.93	30.42	
90	28.87	30.36	
95	28.93	30.42	
100	29.13	30.63	
105	29.47	30.99	
110	29.96	31.50	
115	30.61	32.18	
120	31.42	33.04	
125	32.41	34.08	
130	33.58	35.30	
135	34.91	36.70	
140	36.40	38.26	
145	38.03	39.96	
150	39.76	41.78	
155	41.57	43.68	
160	43.43	45.63	
165	45.29	47.59	
170	47.12	49.51	
175	48.89	51.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	50.56	53.12	
185	52.11	54.75	
190	53.52	56.22	
195	54.77	57.53	
200	55.84	58.66	
205	56.75	59.61	
210	57.48	60.38	
215	58.06	60.99	
220	58.49	61.44	
225	58.79	61.76	
230	58.98	61.96	
235	59.09	62.06	
240	59.12	62.10	
245	59.11	62.09	
250	59.07	62.05	
255	59.03	62.00	
260	58.98	61.95	
265	58.95	61.92	
270	58.94	61.91	
275	58.95	61.92	
280	58.98	61.95	
285	59.03	62.00	
290	59.07	62.05	
295	59.11	62.09	
300	59.12	62.10	
305	59.09	62.06	
310	58.98	61.96	
315	58.79	61.76	
320	58.49	61.44	
325	58.06	60.99	
330	57.48	60.38	
335	56.75	59.61	
340	55.84	58.66	
345	54.77	57.53	
350	53.52	56.22	
355	52.11	54.75	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission