

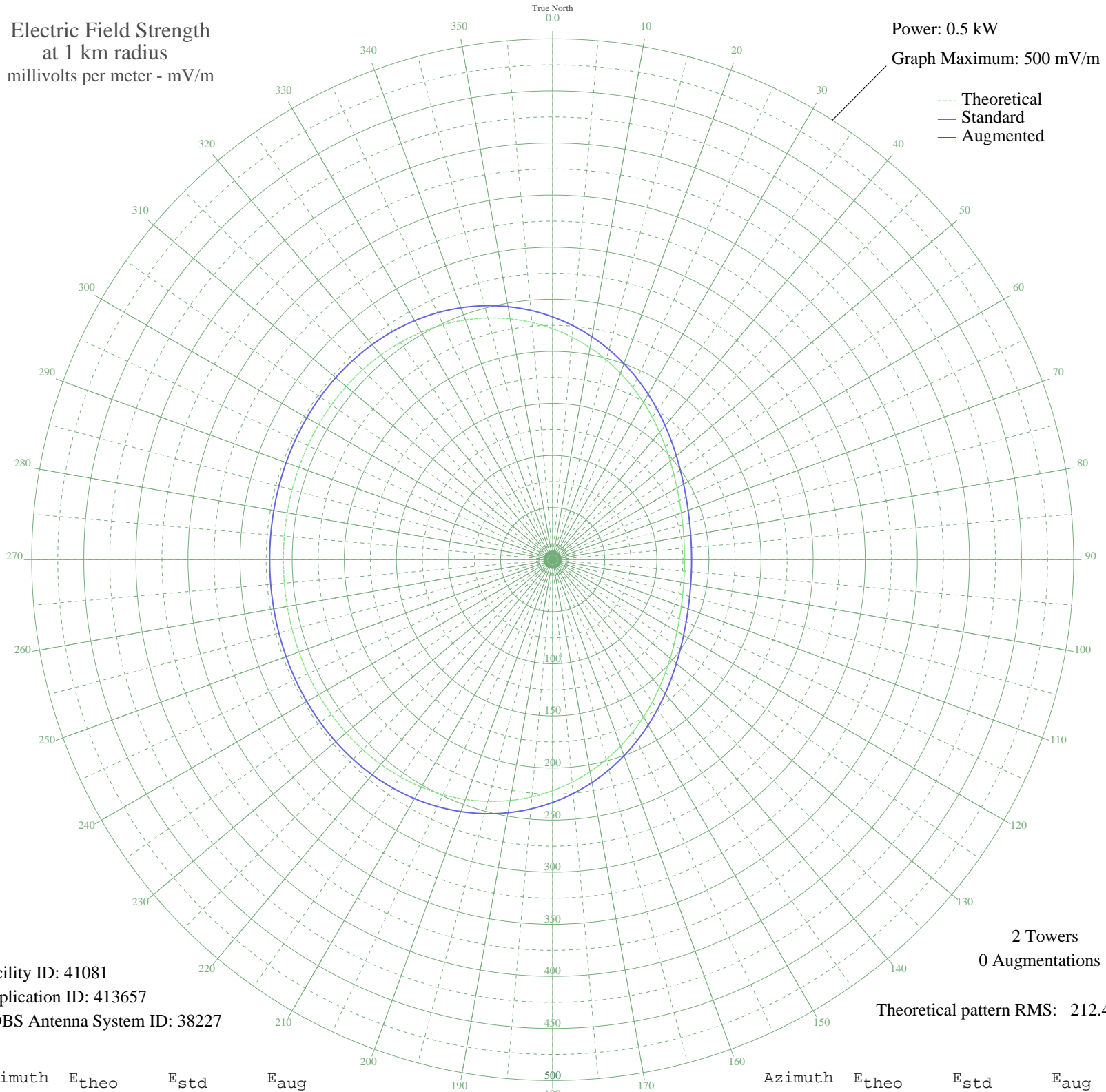
# WLBY SALINE, MI BL-- 1290 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 41081  
Application ID: 413657  
CDBS Antenna System ID: 38227

2 Towers  
0 Augmentations

Theoretical pattern RMS: 212.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	221.75	233.07	
5	214.41	225.38	
10	206.66	217.24	
15	198.62	208.81	
20	190.45	200.25	
25	182.31	191.72	
30	174.36	183.38	
35	166.76	175.41	
40	159.63	167.94	
45	153.10	161.10	
50	147.25	154.97	
55	142.15	149.62	
60	137.81	145.08	
65	134.23	141.33	
70	131.39	138.35	
75	129.24	136.11	
80	127.75	134.55	
85	126.88	133.63	
90	126.59	133.33	
95	126.88	133.63	
100	127.75	134.55	
105	129.24	136.11	
110	131.39	138.35	
115	134.23	141.33	
120	137.81	145.08	
125	142.15	149.62	
130	147.25	154.97	
135	153.10	161.10	
140	159.63	167.94	
145	166.76	175.41	
150	174.36	183.38	
155	182.31	191.72	
160	190.45	200.25	
165	198.62	208.81	
170	206.66	217.24	
175	214.41	225.38	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	221.75	233.07	
185	228.55	240.20	
190	234.71	246.67	
195	240.17	252.40	
200	244.89	257.35	
205	248.86	261.52	
210	252.09	264.91	
215	254.62	267.56	
220	256.51	269.54	
225	257.83	270.93	
230	258.67	271.81	
235	259.12	272.28	
240	259.28	272.44	
245	259.23	272.40	
250	259.07	272.22	
255	258.86	272.00	
260	258.66	271.80	
265	258.53	271.65	
270	258.48	271.60	
275	258.53	271.65	
280	258.66	271.80	
285	258.86	272.00	
290	259.07	272.22	
295	259.23	272.40	
300	259.28	272.44	
305	259.12	272.28	
310	258.67	271.81	
315	257.83	270.93	
320	256.51	269.54	
325	254.62	267.56	
330	252.09	264.91	
335	248.86	261.52	
340	244.89	257.35	
345	240.17	252.40	
350	234.71	246.67	
355	228.55	240.20	