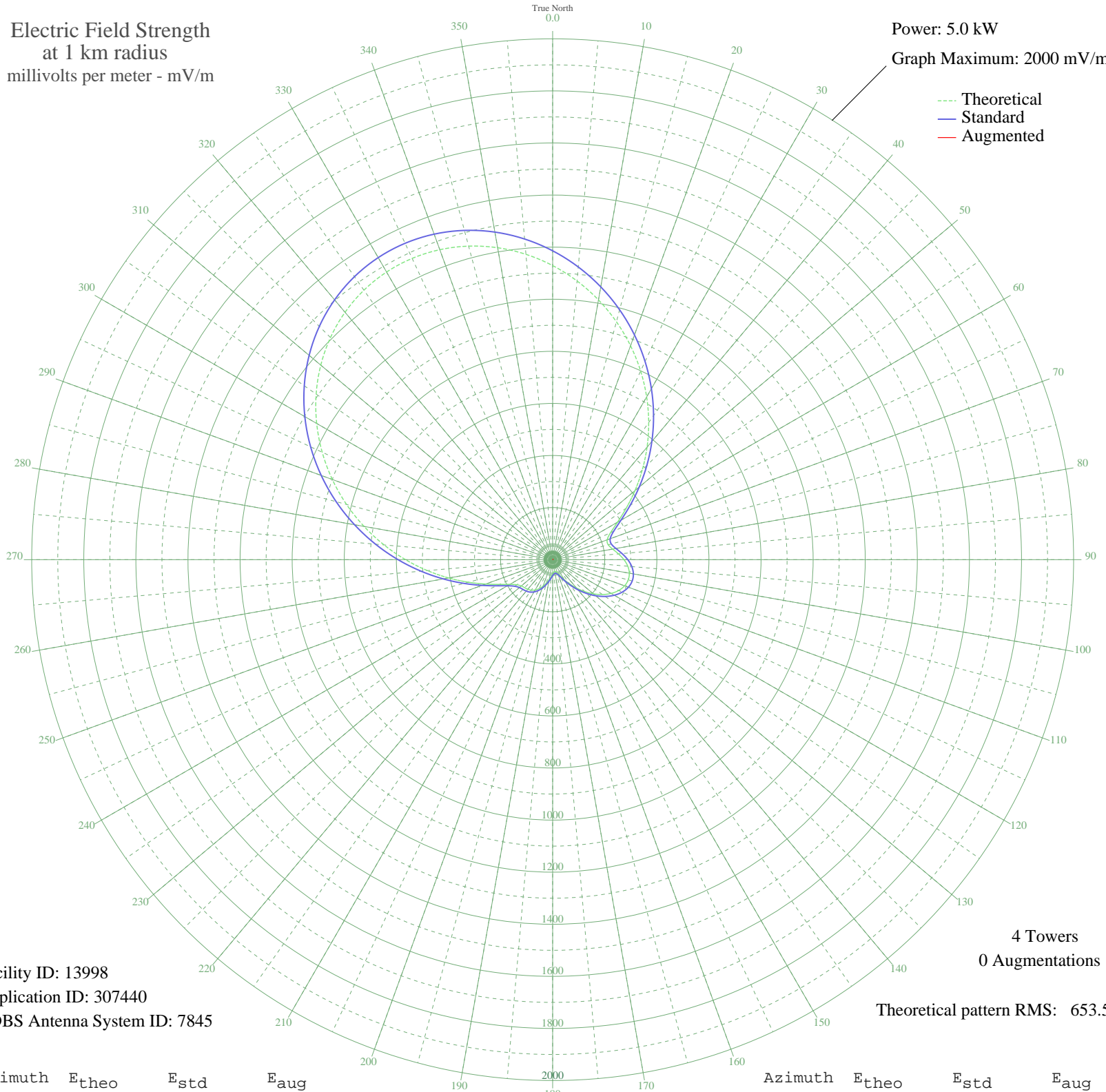


# WCCM SALEM, NH BL-- 1110 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 13998  
Application ID: 307440  
CDBS Antenna System ID: 7845

4 Towers  
0 Augmentations

Theoretical pattern RMS: 653.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1129.30	1185.99	
5	1074.25	1128.21	
10	1012.74	1063.64	
15	945.74	993.31	
20	874.23	918.24	
25	799.20	839.49	
30	721.67	758.12	
35	642.78	675.33	
40	563.82	592.47	
45	486.35	511.21	
50	412.43	433.69	
55	344.84	362.84	
60	287.43	302.71	
65	245.20	258.53	
70	222.80	235.12	
75	220.84	233.07	
80	233.85	246.67	
85	253.73	267.45	
90	273.76	288.40	
95	289.62	305.00	
100	298.86	314.68	
105	300.36	316.25	
110	293.86	309.45	
115	279.82	294.75	
120	259.21	273.18	
125	233.37	246.16	
130	203.98	215.46	
135	172.84	183.00	
140	141.87	150.81	
145	112.95	120.90	
150	87.81	95.15	
155	67.98	75.14	
160	54.45	61.81	
165	47.25	54.88	
170	45.37	53.11	
175	47.77	55.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	54.12	61.48	
185	64.30	71.48	
190	77.62	84.82	
195	92.81	100.24	
200	108.31	116.12	
205	122.59	130.84	
210	134.38	143.04	
215	142.96	151.94	
220	148.42	157.60	
225	152.11	161.43	
230	157.07	166.59	
235	167.93	177.88	
240	189.56	200.41	
245	224.83	237.24	
250	273.80	288.45	
255	334.70	352.22	
260	405.12	426.03	
265	482.64	507.31	
270	564.93	593.64	
275	649.80	682.70	
280	735.22	772.34	
285	819.25	860.54	
290	900.13	945.43	
295	976.23	1025.31	
300	1046.08	1098.64	
305	1108.40	1164.06	
310	1162.08	1220.41	
315	1206.21	1266.74	
320	1240.08	1302.29	
325	1263.20	1326.57	
330	1275.32	1339.29	
335	1276.39	1340.42	
340	1266.61	1330.15	
345	1246.36	1308.89	
350	1216.23	1277.26	
355	1176.93	1236.00	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission