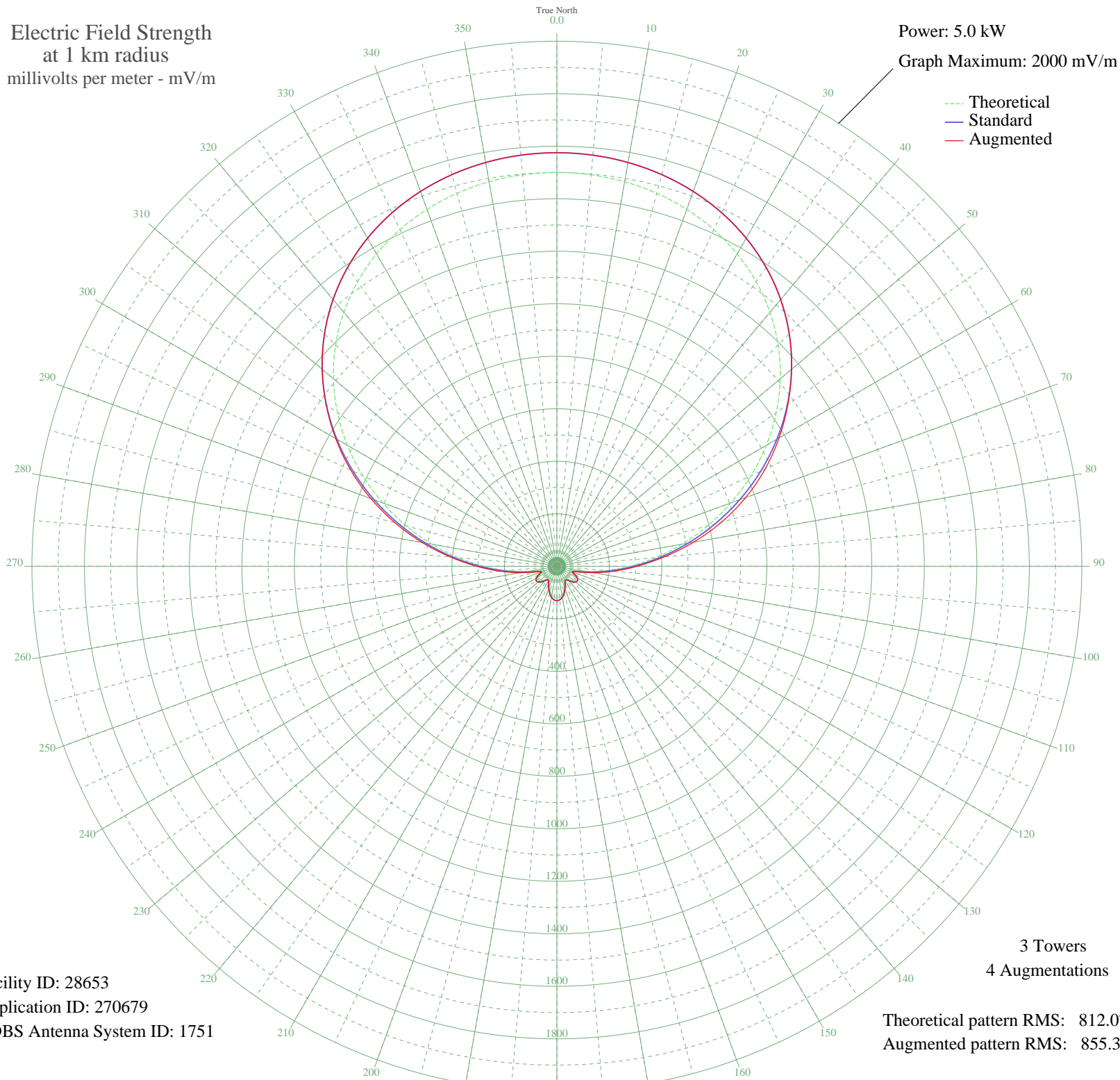


KLIZ BRAINERD, MN BL-19980707AC 1380 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 28653  
Application ID: 270679  
CDBS Antenna System ID: 1751

3 Towers  
4 Augmentations

Theoretical pattern RMS: 812.07  
Augmented pattern RMS: 855.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1500.03	1575.26	1575.26
5	1496.85	1571.92	1571.92
10	1487.17	1561.76	1561.76
15	1470.65	1544.41	1544.41
20	1446.72	1519.29	1519.29
25	1414.70	1485.68	1485.68
30	1373.85	1442.79	1442.79
35	1323.47	1389.90	1389.90
40	1263.02	1326.44	1326.44
45	1192.23	1252.13	1252.13
50	1111.25	1167.11	1167.11
55	1020.66	1072.02	1072.02
60	921.63	968.08	977.43
65	815.89	857.10	875.02
70	705.68	741.45	765.58
75	593.73	623.99	649.21
80	483.07	507.93	528.97
85	376.92	396.66	410.94
90	278.51	293.65	305.78
95	191.13	202.45	217.23
100	118.56	127.31	140.87
105	67.92	76.14	82.84
110	53.93	62.60	62.60
115	67.89	76.11	76.11
120	82.07	90.21	90.21
125	87.94	96.11	96.11
130	85.16	93.31	93.31
135	75.82	83.96	83.96
140	63.68	71.98	71.98
145	54.60	63.23	63.23
150	55.28	63.88	63.88
155	66.40	74.64	74.64
160	82.35	90.49	90.49
165	98.18	106.49	106.49
170	111.02	119.58	119.58
175	119.27	128.04	128.04

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	122.10	130.95	130.95
185	119.27	128.04	128.04
190	111.02	119.58	119.58
195	98.18	106.49	106.49
200	82.35	90.49	90.49
205	66.40	74.64	74.64
210	55.28	63.88	63.88
215	54.60	63.23	63.23
220	63.68	71.98	71.98
225	75.82	83.96	83.96
230	85.16	93.31	93.31
235	87.94	96.11	96.11
240	82.07	90.21	90.21
245	67.89	76.11	76.11
250	53.93	62.60	62.60
255	67.92	76.14	82.84
260	118.56	127.31	140.87
265	191.13	202.45	217.23
270	278.51	293.65	305.78
275	376.92	396.66	407.93
280	483.07	507.93	520.96
285	593.73	623.99	638.05
290	705.68	741.45	754.51
295	815.89	857.10	866.77
300	921.63	968.08	973.12
305	1020.66	1072.03	1073.36
310	1111.25	1167.11	1167.11
315	1192.24	1252.13	1252.13
320	1263.02	1326.44	1326.44
325	1323.47	1389.90	1389.90
330	1373.85	1442.79	1442.79
335	1414.70	1485.68	1485.68
340	1446.72	1519.29	1519.29
345	1470.65	1544.41	1544.41
350	1487.17	1561.76	1561.76
355	1496.85	1571.92	1571.92