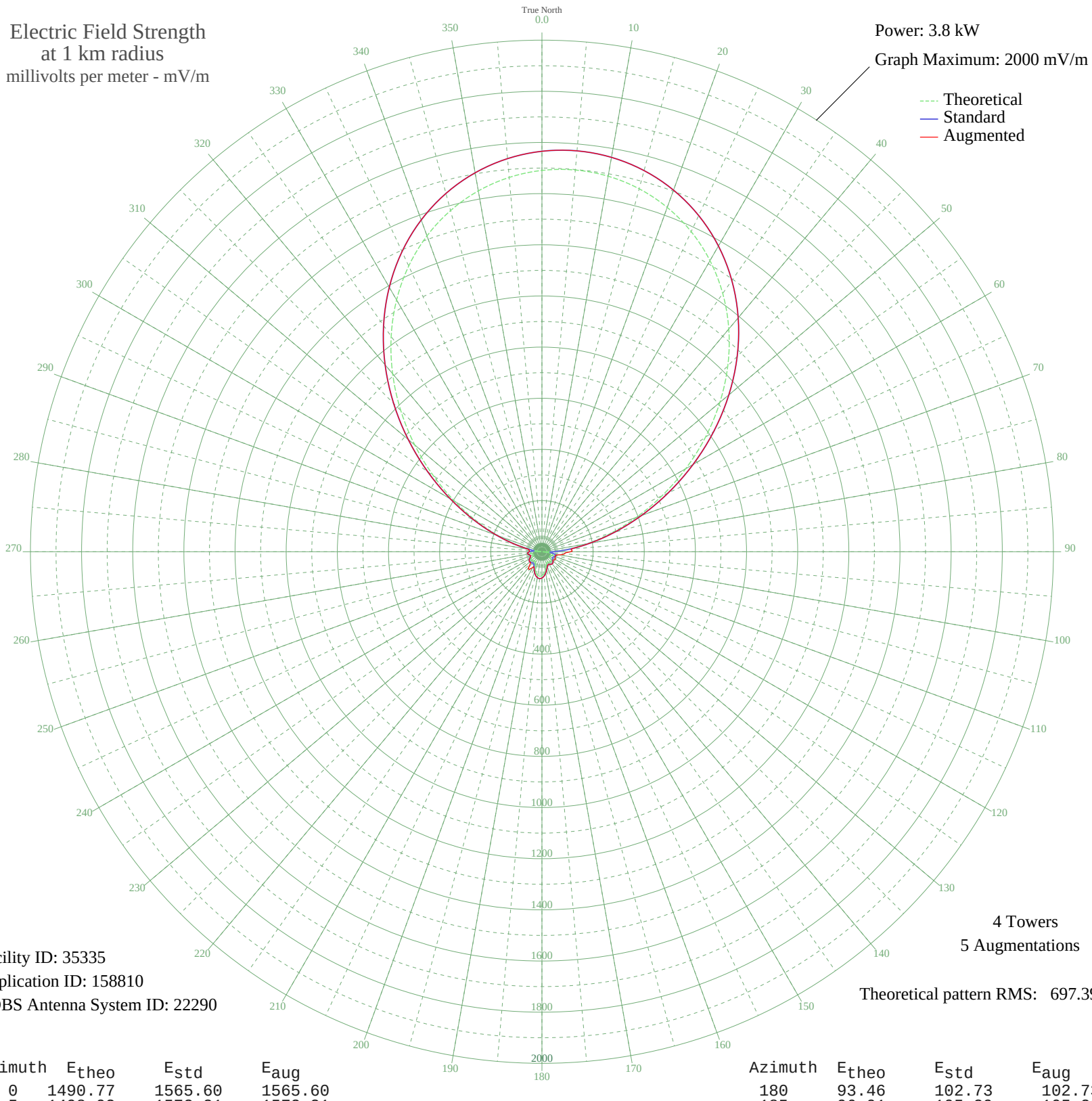
WSDS SALEM TOWNSHIP, MI BL-19910401AB 1480 kHz

Nighttime

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



Power: 3.8 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
5 Augmentations

Facility ID: 35335
Application ID: 158810
CDBS Antenna System ID: 22290

Theoretical pattern RMS: 697.39

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1490.77	1565.60	1565.60
5	1498.02	1573.21	1573.21
10	1490.77	1565.60	1565.60
15	1468.96	1542.71	1542.71
20	1432.39	1504.31	1504.31
25	1380.82	1450.18	1450.18
30	1314.15	1380.19	1380.19
35	1232.54	1294.52	1294.52
40	1136.64	1193.86	1193.86
45	1027.78	1079.60	1079.60
50	908.10	953.99	953.99
55	780.63	820.23	820.23
60	649.23	682.37	682.37
65	518.41	545.18	545.18
70	393.05	413.81	413.81
75	277.95	293.43	293.43
80	177.41	188.74	188.74
85	94.68	103.95	114.11
90	31.65	45.03	112.73
95	11.43	32.67	88.99
100	36.02	48.51	70.22
105	45.19	56.34	56.34
110	43.49	54.85	54.93
115	37.13	49.43	57.12
120	33.80	46.72	59.92
125	37.75	49.94	55.60
130	44.97	56.14	56.14
135	50.31	60.94	60.94
140	51.60	62.12	62.12
145	49.20	59.93	59.93
150	45.71	56.80	56.80
155	45.48	56.60	56.60
160	51.61	62.12	62.12
165	62.74	72.54	72.54
170	75.27	84.68	84.68
175	86.18	95.45	95.45
180	93.46	102.73	102.73
185	96.01	105.29	105.29
190	93.46	102.73	102.73
195	86.18	95.45	95.45
200	75.27	84.68	84.68
205	62.74	72.54	72.54
210	51.61	62.12	68.81
215	45.48	56.60	83.95
220	45.71	56.80	81.25
225	49.20	59.93	63.23
230	51.60	62.12	62.12
235	50.31	60.94	60.94
240	44.97	56.14	56.14
245	37.75	49.94	49.94
250	33.80	46.72	46.72
255	37.13	49.43	49.43
260	43.49	54.85	54.85
265	45.19	56.34	56.34
270	36.02	48.51	49.21
275	11.43	32.67	49.93
280	31.65	45.03	53.84
285	94.68	103.95	103.95
290	177.41	188.74	188.74
295	277.95	293.43	293.43
300	393.05	413.82	413.82
305	518.41	545.18	545.18
310	649.23	682.37	682.37
315	780.64	820.23	820.23
320	908.11	953.99	953.99
325	1027.78	1079.60	1079.60
330	1136.64	1193.86	1193.86
335	1232.54	1294.52	1294.52
340	1314.15	1380.19	1380.19
345	1380.82	1450.18	1450.18
350	1432.39	1504.31	1504.31
355	1468.96	1542.71	1542.71

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