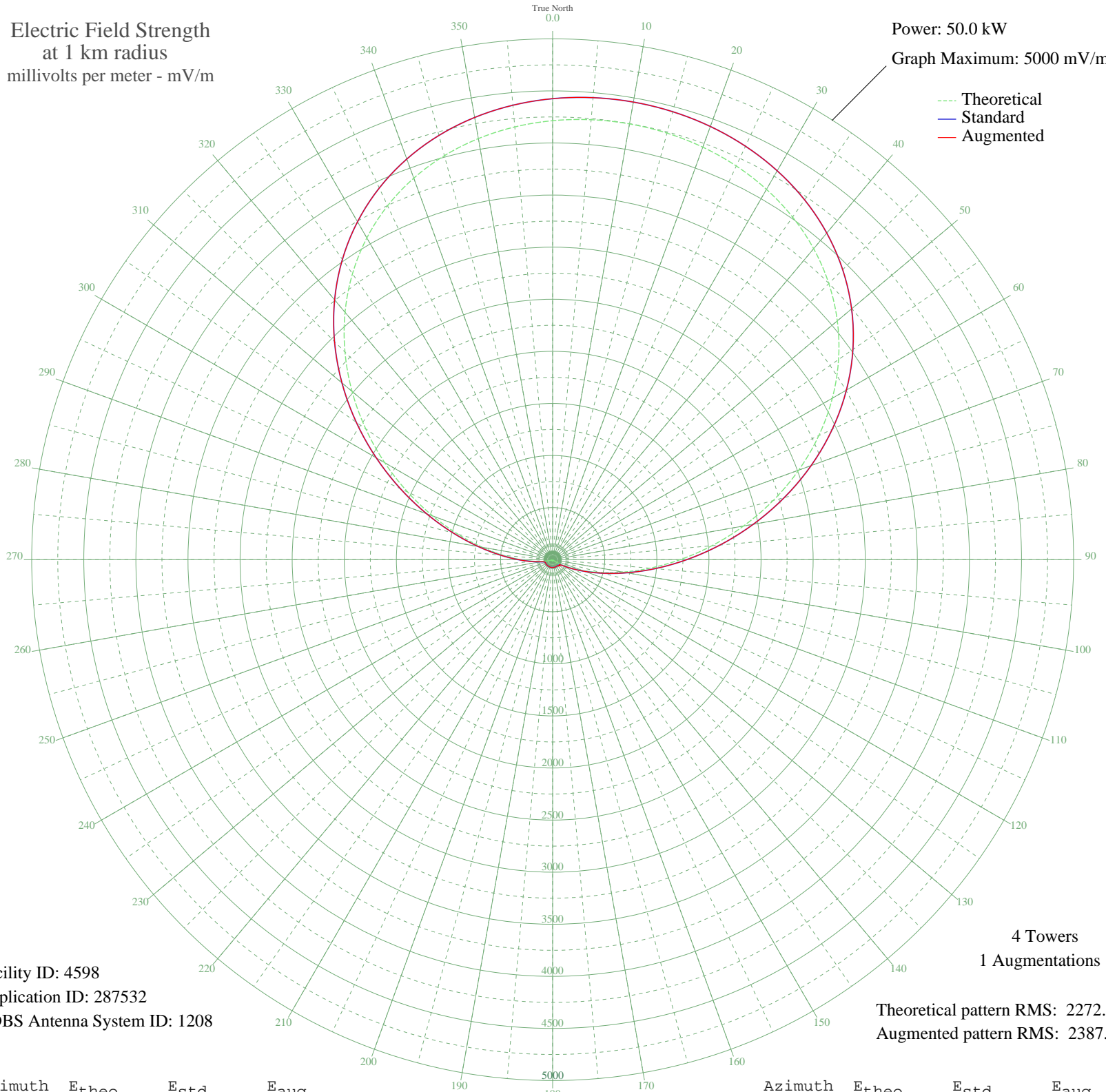


WCHB TAYLOR, MI BL-19990802DC 1200 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 4598
Application ID: 287532
CDBS Antenna System ID: 1208

4 Towers
1 Augmentations

Theoretical pattern RMS: 2272.92
Augmented pattern RMS: 2387.73

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4214.03	4425.36	4425.36
5	4239.37	4451.96	4451.96
10	4247.63	4460.63	4460.63
15	4239.37	4451.96	4451.96
20	4214.03	4425.36	4425.36
25	4169.97	4379.10	4379.10
30	4104.65	4310.52	4310.52
35	4014.89	4216.29	4216.29
40	3897.27	4092.81	4092.81
45	3748.62	3936.75	3936.75
50	3566.52	3745.58	3745.58
55	3349.93	3518.21	3518.21
60	3099.70	3255.53	3255.53
65	2818.93	2960.81	2960.81
70	2513.20	2639.90	2639.90
75	2190.42	2301.13	2301.13
80	1860.43	1954.87	1954.87
85	1534.29	1612.71	1612.71
90	1223.24	1286.55	1286.55
95	937.71	987.39	987.39
100	686.22	724.35	724.35
105	474.61	503.84	503.84
110	305.54	329.29	329.29
115	178.45	201.55	201.55
120	89.95	120.14	120.14
125	34.63	82.67	82.67
130	8.43	74.77	93.27
135	10.71	75.09	77.25
140	10.38	75.04	75.04
145	5.79	74.50	74.50
150	4.45	74.39	74.39
155	7.75	74.69	74.69
160	9.19	74.87	74.87
165	8.23	74.75	74.75
170	6.89	74.60	74.60
175	8.56	74.79	74.79

Azimuth	E _{theo}	E _{std}	E _{aug}
180	12.35	75.37	75.37
185	15.53	76.02	76.02
190	16.72	76.29	76.29
195	15.53	76.02	76.02
200	12.35	75.37	75.37
205	8.56	74.79	74.79
210	6.89	74.60	74.60
215	8.23	74.75	74.75
220	9.19	74.87	74.87
225	7.75	74.69	74.69
230	4.45	74.39	74.39
235	5.79	74.50	74.50
240	10.38	75.04	75.04
245	10.71	75.09	75.09
250	8.43	74.77	74.77
255	34.63	82.67	82.67
260	89.95	120.14	120.14
265	178.45	201.55	201.55
270	305.54	329.29	329.29
275	474.61	503.84	503.84
280	686.22	724.35	724.35
285	937.71	987.39	987.39
290	1223.24	1286.55	1286.55
295	1534.29	1612.71	1612.71
300	1860.43	1954.87	1954.87
305	2190.42	2301.13	2301.13
310	2513.20	2639.90	2639.90
315	2818.93	2960.81	2960.81
320	3099.70	3255.53	3255.53
325	3349.93	3518.21	3518.21
330	3566.52	3745.58	3745.58
335	3748.62	3936.75	3936.75
340	3897.27	4092.81	4092.81
345	4014.89	4216.29	4216.29
350	4104.65	4310.52	4310.52
355	4169.97	4379.10	4379.10

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission