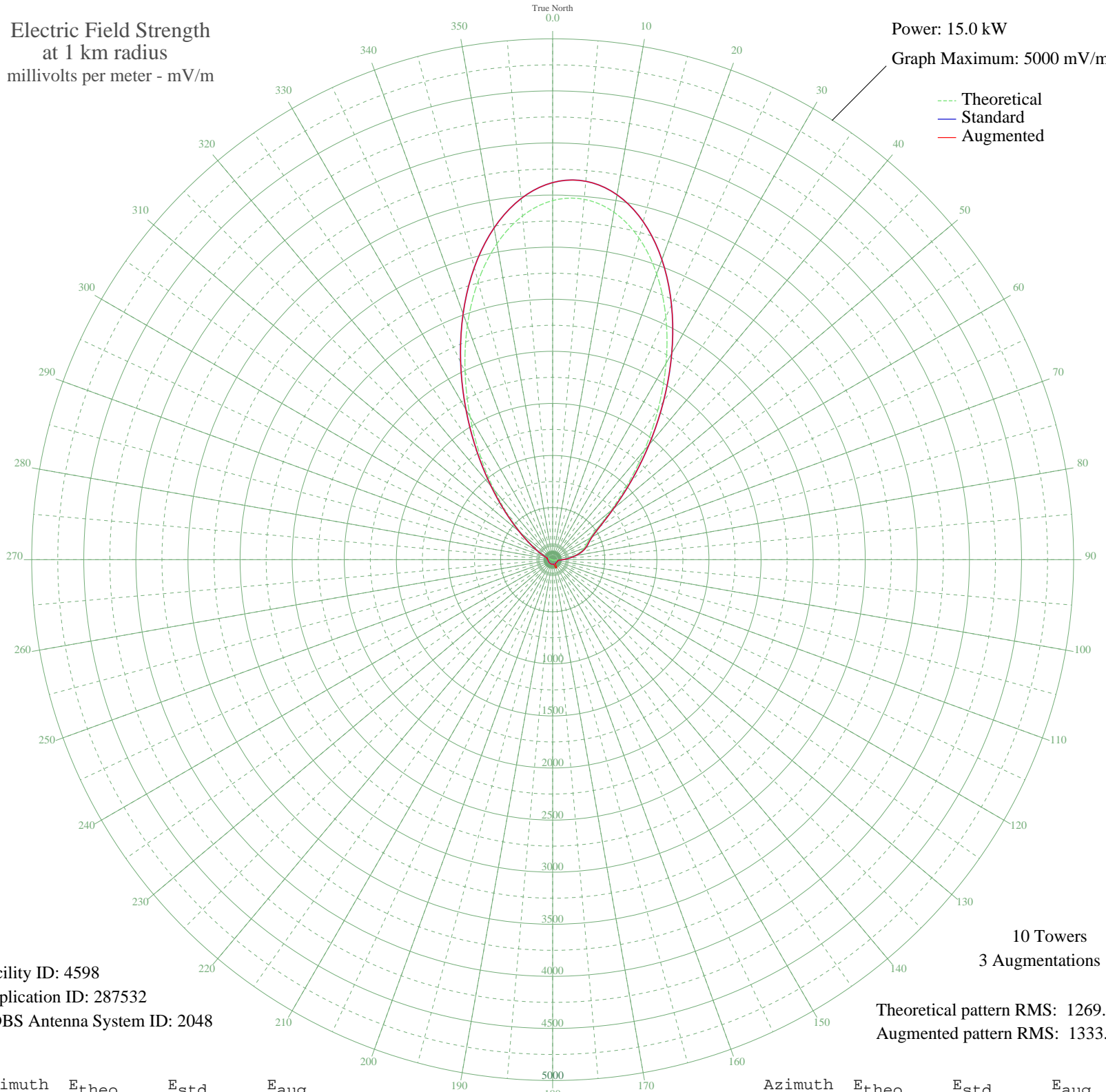


# WCHB TAYLOR, MI BL-19990802DC 1200 kHz

Nighttime

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

Power: 15.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 4598  
Application ID: 287532  
CDBS Antenna System ID: 2048

10 Towers  
3 Augmentations

Theoretical pattern RMS: 1269.40  
Augmented pattern RMS: 1333.65

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3447.26	3619.88	3619.88
5	3472.50	3646.38	3646.38
10	3387.34	3556.98	3556.98
15	3198.28	3358.47	3358.47
20	2919.17	3065.44	3065.44
25	2570.22	2699.08	2699.08
30	2176.50	2285.74	2285.74
35	1766.18	1855.00	1855.00
40	1368.69	1437.78	1437.78
45	1012.80	1064.33	1064.33
50	724.86	762.35	762.35
55	524.88	552.84	552.84
60	413.99	436.87	436.87
65	360.65	381.17	381.17
70	321.28	340.14	340.14
75	272.14	289.04	289.04
80	210.70	225.48	225.48
85	144.73	158.08	158.08
90	84.39	98.72	98.72
95	38.84	59.65	59.65
100	19.69	48.19	48.19
105	24.22	50.41	50.41
110	25.64	51.18	51.18
115	21.14	48.86	48.86
120	14.28	46.04	46.04
125	8.11	44.35	44.35
130	3.99	43.73	43.73
135	1.90	43.57	44.71
140	1.60	43.56	47.80
145	1.84	43.57	43.57
150	1.58	43.56	63.13
155	1.19	43.55	88.27
160	1.30	43.55	76.50
165	1.10	43.54	45.21
170	1.04	43.54	43.54
175	3.29	43.67	43.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	6.10	44.00	44.00
185	8.30	44.39	44.39
190	9.09	44.56	44.56
195	8.17	44.37	44.37
200	5.88	43.96	43.96
205	3.05	43.65	43.65
210	0.80	43.54	43.54
215	1.14	43.55	43.55
220	1.39	43.55	43.55
225	1.23	43.55	43.55
230	1.52	43.56	43.56
235	1.78	43.57	43.57
240	1.58	43.56	43.56
245	2.07	43.58	43.58
250	4.31	43.76	43.76
255	7.79	44.29	44.29
260	12.09	45.34	45.34
265	16.23	46.74	46.74
270	18.33	47.59	47.59
275	16.50	46.85	46.85
280	12.83	45.57	57.42
285	23.53	50.05	50.05
290	51.01	69.02	69.02
295	92.48	106.41	106.41
300	154.34	167.80	167.80
305	249.83	265.91	265.91
310	394.62	416.63	416.63
315	600.71	632.25	632.25
320	872.49	917.15	917.15
325	1205.10	1266.10	1266.10
330	1584.60	1664.40	1664.40
335	1989.37	2089.29	2089.29
340	2392.59	2512.60	2512.60
345	2765.41	2904.01	2904.01
350	3080.16	3234.46	3234.46
355	3313.23	3479.16	3479.16

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