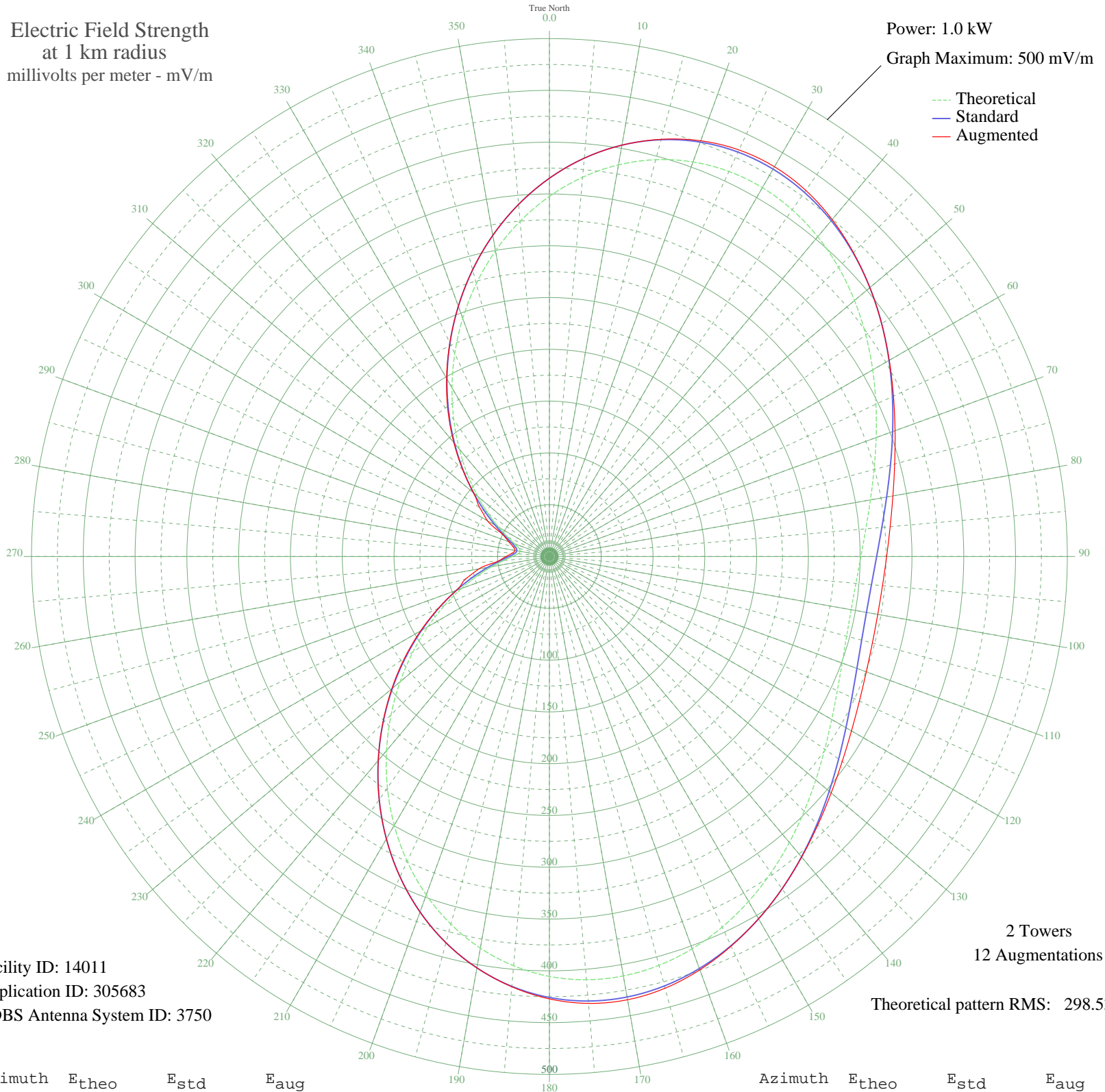


# WCSY SOUTH HAVEN, MI BL-- 940 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 14011  
Application ID: 305683  
CDBS Antenna System ID: 3750

2 Towers  
12 Augmentations  
Theoretical pattern RMS: 298.53

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	347.67	365.20	365.20
5	367.51	386.03	386.03
10	383.94	403.27	403.27
15	396.61	416.57	416.98
20	405.36	425.75	427.11
25	410.16	430.80	433.09
30	411.16	431.84	434.52
35	408.63	429.19	431.49
40	403.00	423.28	424.64
45	394.76	414.63	415.04
50	384.50	403.86	403.86
55	372.84	391.62	391.62
60	360.41	378.57	378.85
65	347.83	365.37	366.49
70	335.67	352.61	355.09
75	324.47	340.85	345.07
80	314.67	330.57	336.73
85	306.65	322.15	330.21
90	300.71	315.92	325.56
95	297.06	312.09	322.79
100	295.83	310.80	321.87
105	297.06	312.09	322.79
110	300.71	315.92	325.56
115	306.65	322.15	330.21
120	314.67	330.57	336.73
125	324.47	340.85	345.07
130	335.67	352.61	355.09
135	347.83	365.37	366.49
140	360.41	378.57	378.85
145	372.84	391.62	391.62
150	384.50	403.86	403.86
155	394.76	414.63	415.04
160	403.00	423.28	424.64
165	408.63	429.19	431.49
170	411.16	431.84	434.52
175	410.16	430.80	433.09

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	405.36	425.75	427.11
185	396.61	416.57	416.98
190	383.94	403.27	403.27
195	367.51	386.03	386.03
200	347.67	365.20	365.20
205	324.85	341.26	341.26
210	299.64	314.79	314.79
215	272.66	286.49	286.49
220	244.62	257.07	257.07
225	216.21	227.26	227.50
230	188.10	197.79	198.61
235	160.94	169.31	170.59
240	135.30	142.45	143.59
245	111.67	117.72	118.18
250	90.47	95.57	95.57
255	72.05	76.38	83.69
260	56.67	60.42	69.20
265	44.52	47.91	49.10
270	35.75	38.98	41.84
275	30.46	33.66	36.21
280	28.69	31.90	33.80
285	30.46	33.66	36.21
290	35.75	38.98	41.84
295	44.52	47.91	49.10
300	56.67	60.42	69.20
305	72.05	76.38	82.08
310	90.47	95.57	95.57
315	111.67	117.72	118.18
320	135.30	142.45	143.59
325	160.94	169.31	170.59
330	188.10	197.79	198.61
335	216.21	227.26	227.50
340	244.62	257.07	257.07
345	272.66	286.49	286.49
350	299.64	314.79	314.79
355	324.85	341.26	341.26