

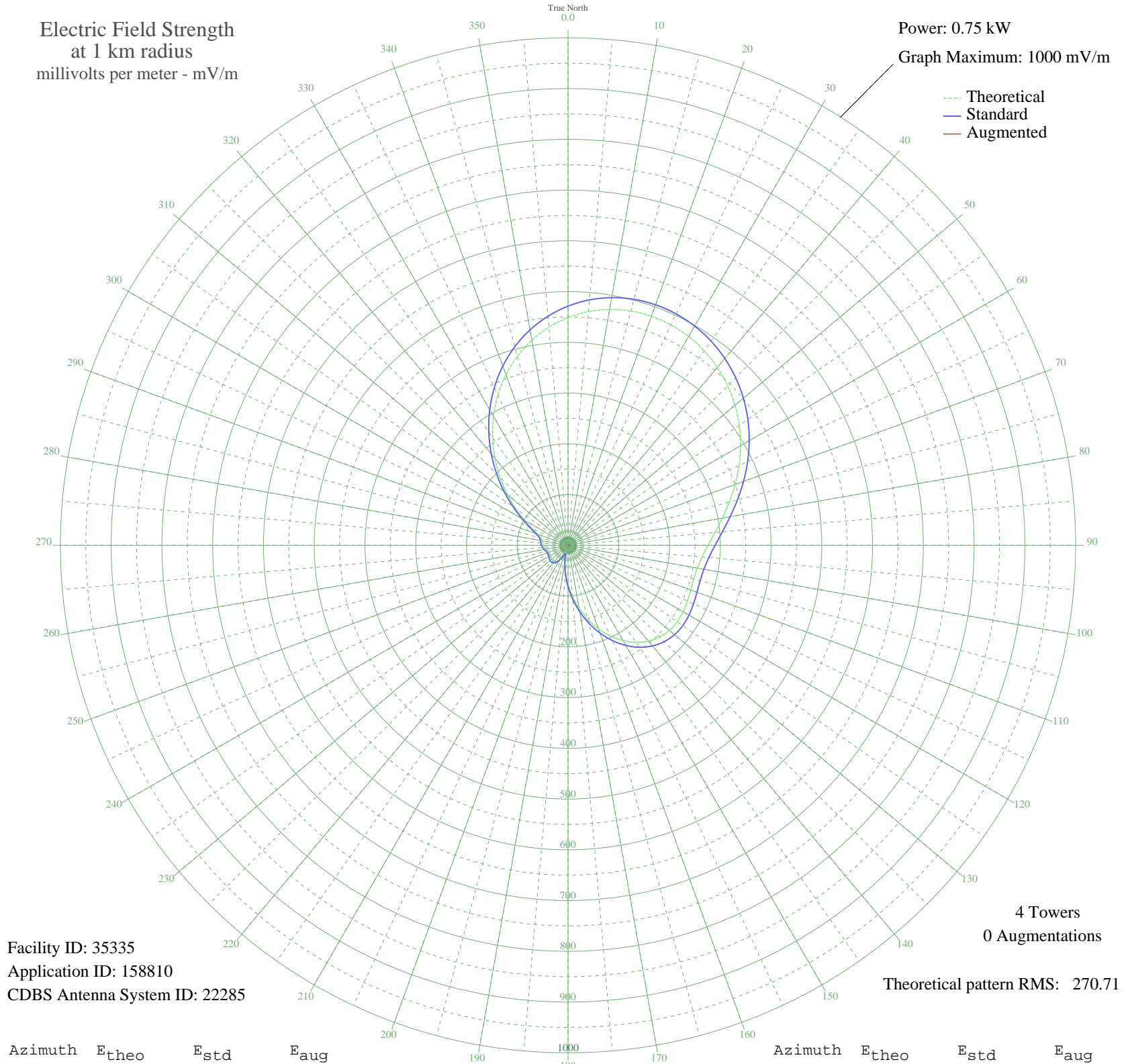
WSDS SALEM TOWNSHIP, MI BL-19910401AB 1480 kHz

Daytime

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

Power: 0.75 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 35335
Application ID: 158810
CDBS Antenna System ID: 22285

4 Towers
0 Augmentations

Theoretical pattern RMS: 270.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	448.73	471.28	
5	462.18	485.40	
10	471.83	495.53	
15	477.79	501.79	
20	480.18	504.30	
25	479.19	503.26	
30	474.96	498.82	
35	467.68	491.18	
40	457.52	480.52	
45	444.67	467.02	
50	429.34	450.93	
55	411.81	432.52	
60	392.43	412.18	
65	371.68	390.41	
70	350.22	367.88	
75	328.85	345.45	
80	308.57	324.17	
85	290.49	305.20	
90	275.69	289.67	
95	265.01	278.45	
100	258.74	271.87	
105	256.50	269.53	
110	257.26	270.33	
115	259.55	272.73	
120	261.78	275.07	
125	262.52	275.84	
130	260.62	273.86	
135	255.33	268.30	
140	246.24	258.77	
145	233.31	245.20	
150	216.77	227.85	
155	197.09	207.21	
160	174.91	183.96	
165	150.99	158.88	
170	126.12	132.84	
175	101.12	106.69	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	76.78	81.30	
185	53.90	57.56	
190	33.37	36.58	
195	17.13	20.82	
200	13.12	17.32	
205	21.75	25.14	
210	30.83	34.03	
215	37.60	40.85	
220	41.75	45.08	
225	43.49	46.85	
230	43.30	46.66	
235	41.92	45.25	
240	40.28	43.58	
245	39.37	42.65	
250	39.86	43.15	
255	41.76	45.09	
260	44.43	47.82	
265	47.04	50.49	
270	48.94	52.45	
275	50.13	53.67	
280	51.48	55.07	
285	55.03	58.72	
290	63.31	67.30	
295	77.96	82.53	
300	98.97	104.44	
305	125.31	132.00	
310	155.73	163.85	
315	188.94	198.66	
320	223.73	235.15	
325	258.97	272.12	
330	293.62	308.48	
335	326.78	343.27	
340	357.66	375.69	
345	385.68	405.10	
350	410.37	431.02	
355	431.44	453.14	