

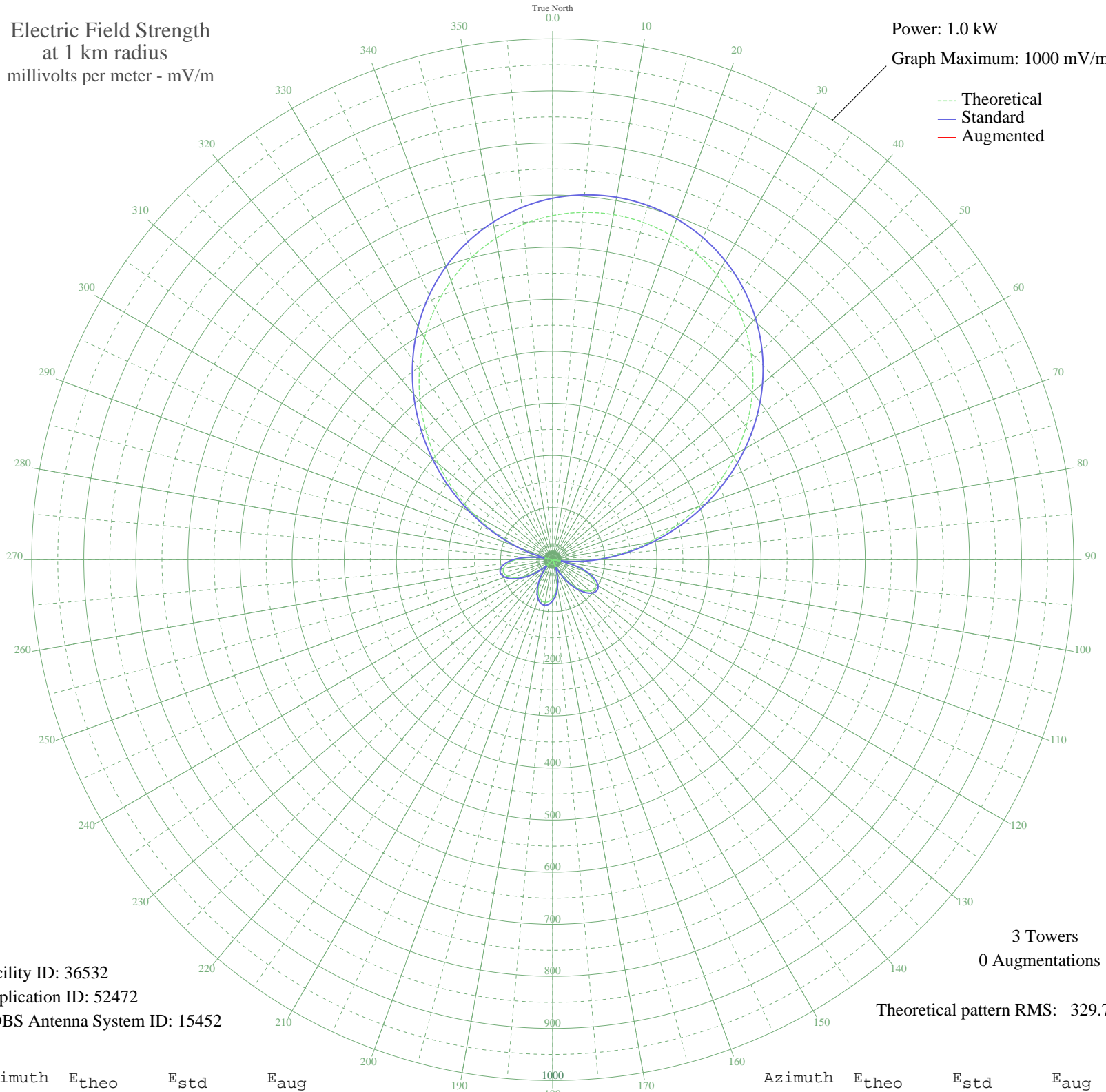
WPNW ZEELAND, MI BL-19830210AI 1260 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 36532
Application ID: 52472
CDBS Antenna System ID: 15452

3 Towers
0 Augmentations

Theoretical pattern RMS: 329.79

Azimuth	E _{theo}	E _{std}	E _{aug}
0	660.63	693.84	
5	669.40	703.05	
10	672.69	706.50	
15	670.50	704.20	
20	662.82	696.14	
25	649.62	682.29	
30	630.86	662.59	
35	606.51	637.03	
40	576.58	605.62	
45	541.21	568.49	
50	500.64	525.91	
55	455.27	478.30	
60	405.73	426.32	
65	352.85	370.83	
70	297.65	312.93	
75	241.37	253.94	
80	185.40	195.31	
85	131.19	138.66	
90	80.22	85.71	
95	33.89	38.97	
100	6.56	17.32	
105	40.15	45.05	
110	66.19	71.29	
115	84.34	89.97	
120	94.63	100.63	
125	97.44	103.54	
130	93.45	99.40	
135	83.61	89.22	
140	69.04	74.22	
145	51.00	55.85	
150	30.75	35.99	
155	9.57	18.80	
160	11.37	19.88	
165	31.01	36.23	
170	48.43	53.28	
175	62.86	67.89	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	73.73	79.03	
185	80.59	86.10	
190	83.20	88.80	
195	81.46	87.00	
200	75.43	80.78	
205	65.34	70.42	
210	51.58	56.44	
215	34.70	39.75	
220	15.44	22.70	
225	5.32	16.84	
230	26.55	32.09	
235	47.08	51.93	
240	65.67	70.76	
245	81.04	86.56	
250	91.92	97.81	
255	97.16	103.25	
260	95.78	101.81	
265	87.02	92.74	
270	70.45	75.66	
275	45.98	50.82	
280	13.86	21.54	
285	25.29	30.95	
290	70.54	75.75	
295	120.69	127.71	
300	174.36	183.77	
305	230.11	242.13	
310	286.44	301.18	
315	341.95	359.40	
320	395.39	415.47	
325	445.68	468.23	
330	491.93	516.77	
335	533.50	560.40	
340	569.94	598.65	
345	600.96	631.21	
350	626.44	657.95	
355	646.32	678.82	