

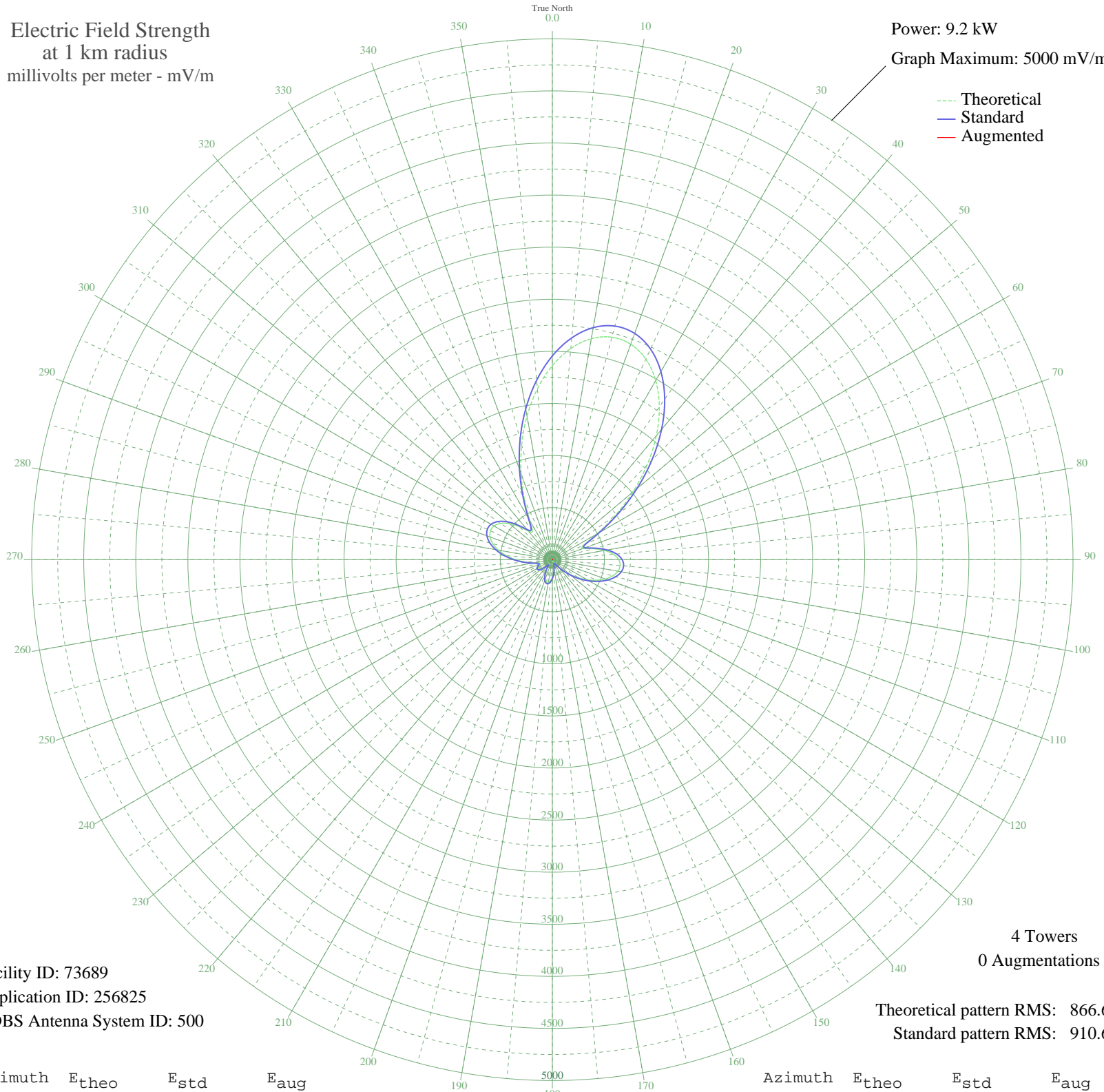
WDEO YPSILANTI, MI BL-19971113KD 990 kHz

Daytime

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

Power: 9.2 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 73689
Application ID: 256825
CDBS Antenna System ID: 500

4 Towers
0 Augmentations

Theoretical pattern RMS: 866.60
Standard pattern RMS: 910.60

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1862.19	1955.56	
5	2035.07	2137.06	
10	2153.90	2261.81	
15	2210.67	2321.42	
20	2200.98	2311.25	
25	2124.53	2230.99	
30	1985.25	2084.75	
35	1791.13	1880.96	
40	1553.74	1631.73	
45	1287.43	1352.18	
50	1008.80	1059.72	
55	736.85	774.35	
60	496.74	522.55	
65	334.41	352.57	
70	316.25	333.58	
75	405.05	426.49	
80	508.41	534.78	
85	589.15	619.42	
90	637.71	670.35	
95	653.51	686.93	
100	639.49	672.22	
105	600.21	631.02	
110	541.04	568.98	
115	467.69	492.11	
120	386.00	406.54	
125	301.71	318.39	
130	220.44	233.65	
135	147.46	158.08	
140	87.56	97.30	
145	44.89	56.89	
150	22.04	39.37	
155	13.78	34.98	
160	19.09	37.63	
165	45.95	57.81	
170	85.03	94.80	
175	128.98	139.12	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	170.72	182.06	
185	203.42	215.95	
190	221.30	234.54	
195	220.51	233.71	
200	199.80	212.20	
205	161.06	172.08	
210	109.84	119.65	
215	59.76	70.37	
220	56.09	66.96	
225	98.16	107.87	
230	136.81	147.14	
235	158.71	169.66	
240	160.44	171.45	
245	144.68	155.22	
250	124.48	134.53	
255	129.97	140.14	
260	181.08	192.78	
265	261.48	276.39	
270	352.69	371.70	
275	443.22	466.47	
280	524.82	551.98	
285	590.89	621.25	
290	635.93	668.49	
295	655.48	688.99	
300	646.24	679.29	
305	606.50	637.62	
310	537.43	565.20	
315	446.46	469.87	
320	357.97	377.22	
325	334.68	352.86	
330	437.06	460.01	
335	633.80	666.25	
340	876.69	921.08	
345	1138.29	1195.63	
350	1400.05	1470.40	
355	1646.18	1728.78	

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