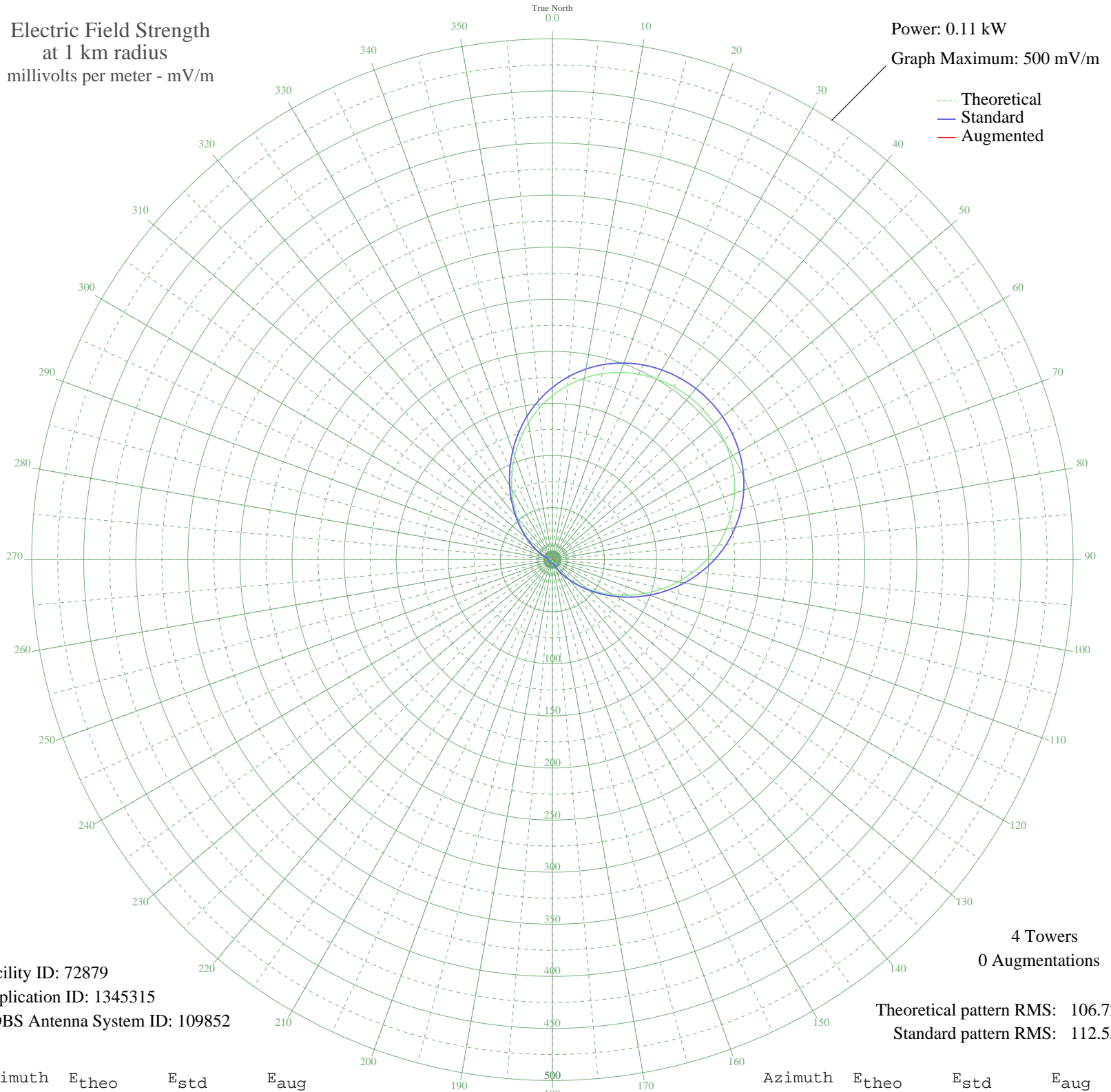


WAMB NASHVILLE, TN BP-20070618ABU 1200 kHz

Nighttime

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

Power: 0.11 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 72879
Application ID: 1345315
CDBS Antenna System ID: 109852

4 Towers
0 Augmentations

Theoretical pattern RMS: 106.72
Standard pattern RMS: 112.55

Azimuth	E _{theo}	E _{std}	E _{aug}
0	157.35	165.26	
5	167.79	176.22	
10	176.94	185.83	
15	184.77	194.04	
20	191.24	200.84	
25	196.38	206.23	
30	200.22	210.26	
35	202.79	212.96	
40	204.13	214.37	
45	204.25	214.49	
50	203.15	213.35	
55	200.83	210.91	
60	197.25	207.15	
65	192.37	202.03	
70	186.17	195.51	
75	178.62	187.59	
80	169.72	178.25	
85	159.54	167.56	
90	148.15	155.61	
95	135.73	142.56	
100	122.48	128.66	
105	108.68	114.17	
110	94.64	99.45	
115	80.72	84.84	
120	67.26	70.73	
125	54.61	57.46	
130	43.05	45.36	
135	32.80	34.65	
140	24.02	25.50	
145	16.76	18.00	
150	11.00	12.15	
155	6.63	7.93	
160	3.50	5.28	
165	1.41	4.07	
170	0.14	3.79	
175	0.52	3.83	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	0.75	3.87	
185	0.72	3.86	
190	0.55	3.83	
195	0.34	3.81	
200	0.13	3.79	
205	0.04	3.79	
210	0.17	3.79	
215	0.25	3.80	
220	0.29	3.80	
225	0.29	3.80	
230	0.26	3.80	
235	0.19	3.79	
240	0.07	3.79	
245	0.09	3.79	
250	0.30	3.80	
255	0.51	3.83	
260	0.70	3.86	
265	0.76	3.87	
270	0.59	3.84	
275	0.04	3.79	
280	1.09	3.96	
285	3.00	4.93	
290	5.91	7.27	
295	10.02	11.18	
300	15.49	16.70	
305	22.44	23.87	
310	30.92	32.69	
315	40.88	43.10	
320	52.20	54.94	
325	64.66	68.00	
330	77.98	81.97	
335	91.84	96.50	
340	105.88	111.24	
345	119.75	125.80	
350	133.14	139.84	
355	145.74	153.08	

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