

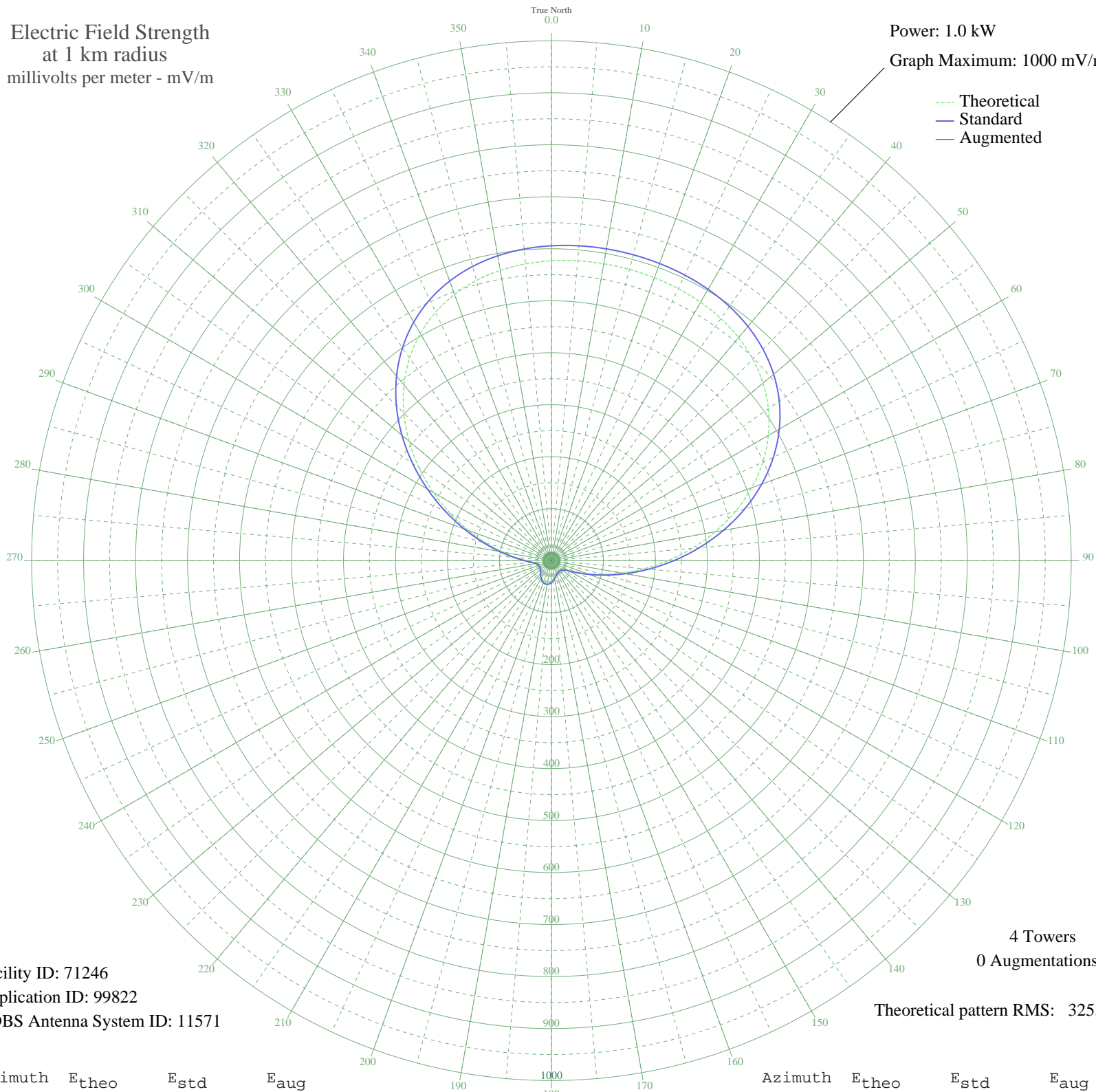
WKST NEW CASTLE, PA BL-19870331AK 1200 kHz

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: 71246
Application ID: 99822
CDBS Antenna System ID: 11571

4 Towers
0 Augmentations

Theoretical pattern RMS: 325.98

Azimuth	E _{theo}	E _{std}	E _{aug}
0	576.78	605.71	
5	578.92	607.96	
10	579.91	608.99	
15	579.99	609.08	
20	579.20	608.25	
25	577.32	606.27	
30	573.93	602.71	
35	568.41	596.93	
40	560.02	588.12	
45	547.93	575.42	
50	531.30	557.97	
55	509.46	535.04	
60	481.94	506.14	
65	448.63	471.18	
70	409.89	430.51	
75	366.54	385.01	
80	319.90	336.06	
85	271.70	285.48	
90	223.90	235.33	
95	178.51	187.73	
100	137.37	144.62	
105	101.94	107.55	
110	73.21	77.58	
115	51.59	55.18	
120	36.96	40.20	
125	28.46	31.68	
130	24.39	27.68	
135	22.75	26.10	
140	22.18	25.55	
145	22.15	25.52	
150	22.63	25.98	
155	23.80	27.11	
160	25.85	29.10	
165	28.74	31.95	
170	32.21	35.41	
175	35.81	39.04	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	39.07	42.35	
185	41.55	44.88	
190	42.95	46.30	
195	43.08	46.43	
200	41.93	45.26	
205	39.64	42.93	
210	36.51	39.74	
215	32.93	36.14	
220	29.40	32.61	
225	26.36	29.61	
230	24.14	27.44	
235	22.80	26.14	
240	22.20	25.57	
245	22.14	25.51	
250	22.58	25.93	
255	23.93	27.23	
260	27.36	30.59	
265	34.81	38.03	
270	48.12	51.61	
275	68.31	72.49	
280	95.64	100.97	
285	129.79	136.68	
290	169.89	178.70	
295	214.57	225.54	
300	262.05	275.35	
305	310.33	326.01	
310	357.42	375.44	
315	401.55	421.76	
320	441.30	463.48	
325	475.74	499.63	
330	504.42	529.75	
335	527.37	553.84	
340	544.99	572.34	
345	557.93	585.92	
350	566.99	595.43	
355	573.02	601.76	