

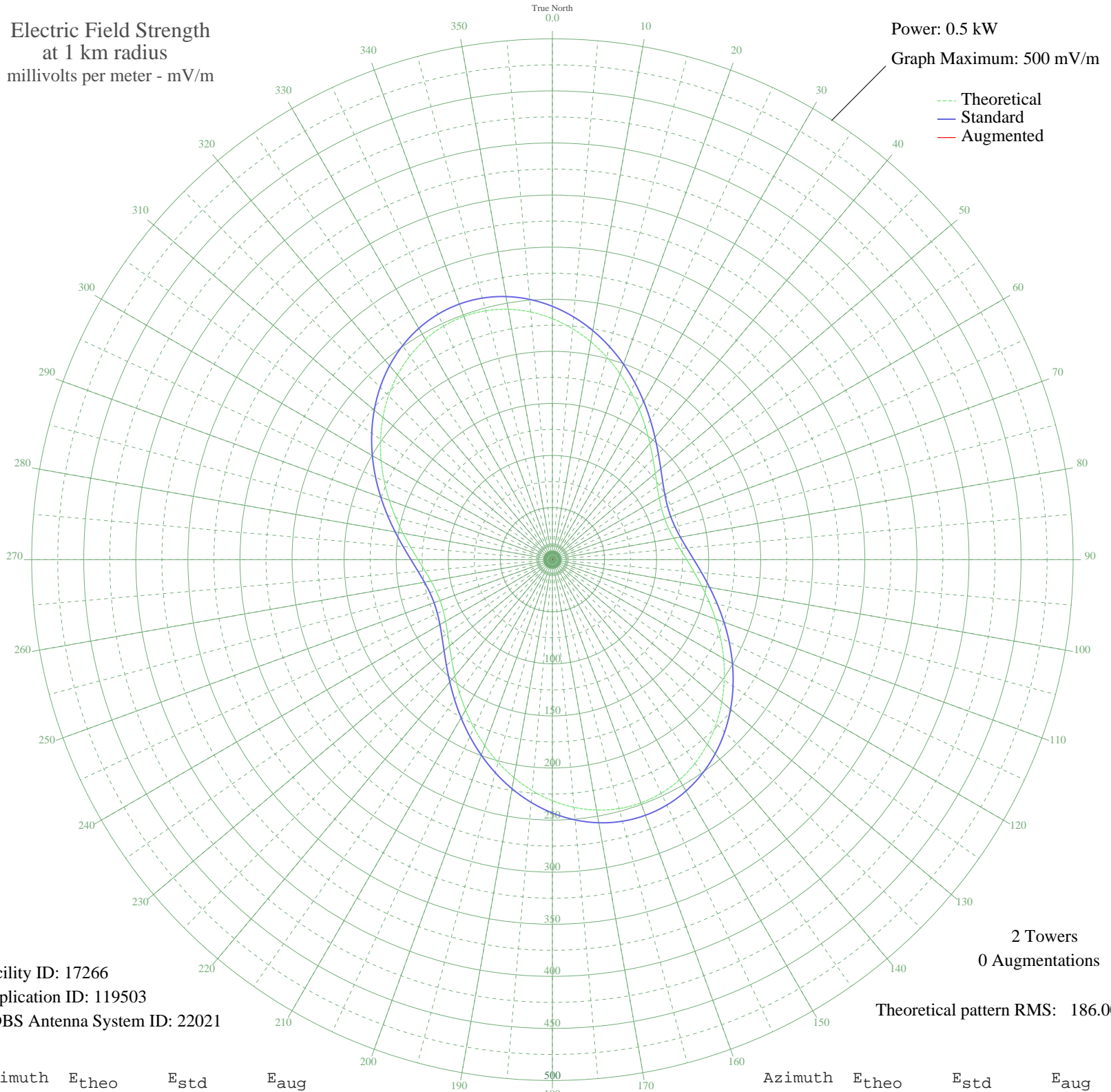
WMBA AMBRIDGE, PA BL-19881017AJ 1460 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 17266
Application ID: 119503
CDBS Antenna System ID: 22021

2 Towers
0 Augmentations

Theoretical pattern RMS: 186.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	231.39	243.19	
5	222.55	233.91	
10	212.44	223.30	
15	201.42	211.75	
20	189.87	199.64	
25	178.16	187.36	
30	166.66	175.31	
35	155.71	163.84	
40	145.61	153.25	
45	136.63	143.84	
50	128.98	135.84	
55	122.85	129.42	
60	118.38	124.74	
65	115.65	121.89	
70	114.74	120.93	
75	115.65	121.89	
80	118.38	124.74	
85	122.85	129.42	
90	128.98	135.84	
95	136.63	143.84	
100	145.61	153.25	
105	155.71	163.84	
110	166.66	175.31	
115	178.16	187.36	
120	189.87	199.64	
125	201.42	211.75	
130	212.44	223.30	
135	222.55	233.91	
140	231.39	243.19	
145	238.65	250.80	
150	244.04	256.46	
155	247.37	259.95	
160	248.49	261.12	
165	247.37	259.95	
170	244.04	256.46	
175	238.65	250.80	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	231.39	243.19	
185	222.55	233.91	
190	212.44	223.30	
195	201.42	211.75	
200	189.87	199.64	
205	178.16	187.36	
210	166.66	175.31	
215	155.71	163.84	
220	145.61	153.25	
225	136.63	143.84	
230	128.98	135.84	
235	122.85	129.42	
240	118.38	124.74	
245	115.65	121.89	
250	114.74	120.93	
255	115.65	121.89	
260	118.38	124.74	
265	122.85	129.42	
270	128.98	135.84	
275	136.63	143.84	
280	145.61	153.25	
285	155.71	163.84	
290	166.66	175.31	
295	178.16	187.36	
300	189.87	199.64	
305	201.42	211.75	
310	212.44	223.30	
315	222.55	233.91	
320	231.39	243.19	
325	238.65	250.80	
330	244.04	256.46	
335	247.37	259.95	
340	248.49	261.12	
345	247.37	259.95	
350	244.04	256.46	
355	238.65	250.80	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission