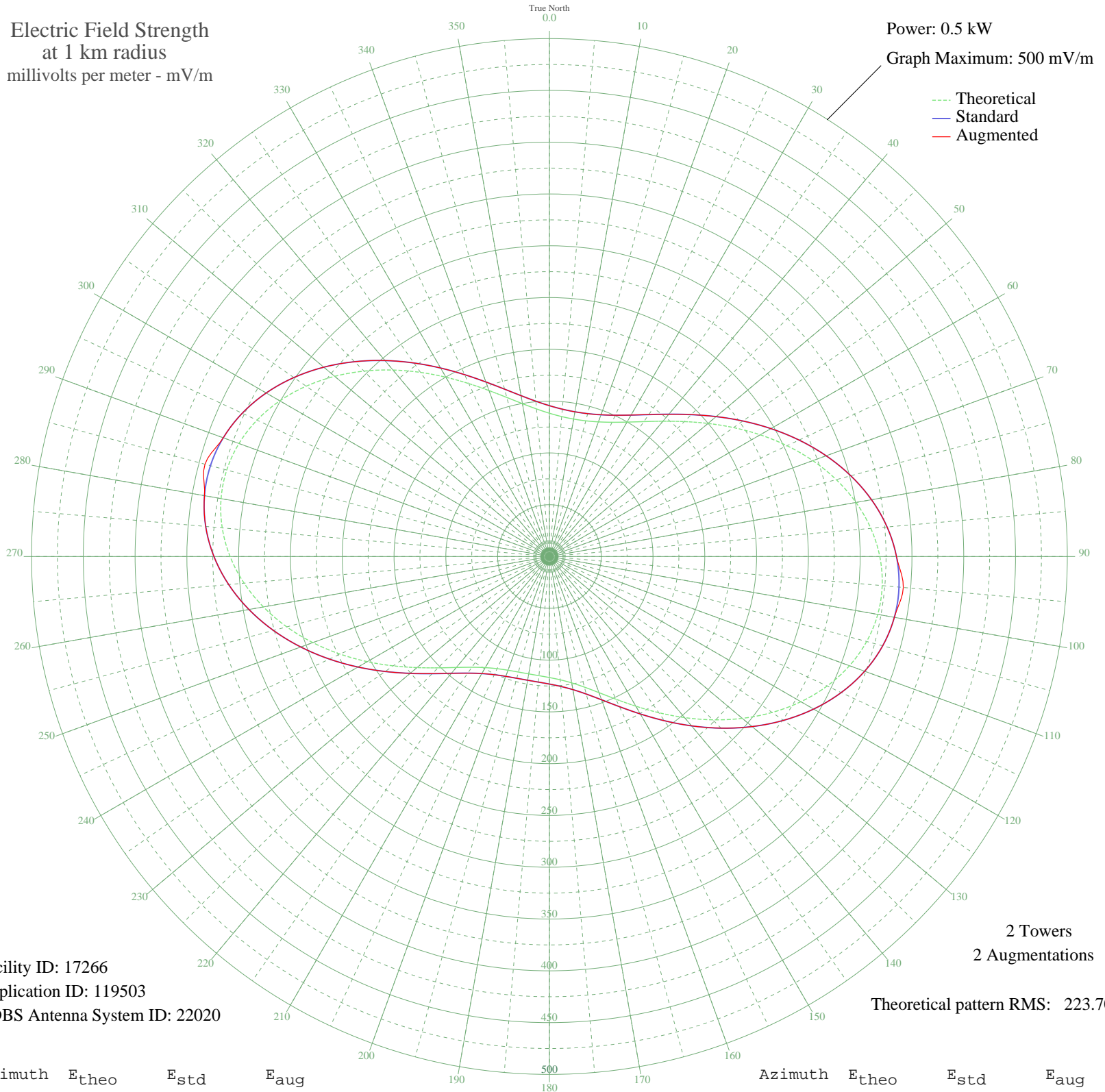


WMBA AMBRIDGE, PA BL-19881017AJ 1460 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 17266  
Application ID: 119503  
CDBS Antenna System ID: 22020

2 Towers  
2 Augmentations  
Theoretical pattern RMS: 223.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	138.32	145.62	145.62
5	135.62	142.78	142.78
10	134.73	141.86	141.86
15	135.62	142.78	142.78
20	138.32	145.62	145.62
25	143.00	150.51	150.51
30	149.83	157.67	157.67
35	158.98	167.26	167.26
40	170.47	179.30	179.30
45	184.19	193.69	193.69
50	199.85	210.11	210.11
55	216.98	228.07	228.07
60	234.97	246.94	246.94
65	253.11	265.97	265.97
70	270.61	284.33	284.33
75	286.68	301.20	301.20
80	300.54	315.75	315.75
85	311.50	327.24	327.24
90	318.96	335.07	335.07
95	322.50	338.79	342.95
100	321.89	338.15	338.15
105	317.09	333.11	333.11
110	308.29	323.87	323.87
115	295.86	310.83	310.83
120	280.37	294.57	294.57
125	262.51	275.83	275.83
130	243.08	255.45	255.45
135	222.96	234.35	234.35
140	203.01	213.42	213.42
145	184.06	193.55	193.55
150	166.86	175.51	175.51
155	151.99	159.94	159.94
160	139.85	147.22	147.22
165	130.54	137.47	137.47
170	123.88	130.50	130.50
175	119.49	125.90	125.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	116.85	123.14	123.14
185	115.49	121.72	121.72
190	115.08	121.28	121.28
195	115.49	121.72	121.72
200	116.85	123.14	123.14
205	119.49	125.90	125.90
210	123.88	130.50	130.50
215	130.54	137.47	137.47
220	139.85	147.22	147.22
225	151.99	159.94	159.94
230	166.86	175.51	175.51
235	184.06	193.55	193.55
240	203.01	213.42	213.42
245	222.96	234.35	234.35
250	243.08	255.45	255.45
255	262.51	275.83	275.83
260	280.37	294.57	294.57
265	295.86	310.83	310.83
270	308.29	323.87	323.87
275	317.09	333.11	333.11
280	321.89	338.15	338.15
285	322.50	338.79	344.24
290	318.96	335.07	335.07
295	311.50	327.24	327.24
300	300.54	315.75	315.75
305	286.68	301.20	301.20
310	270.61	284.33	284.33
315	253.11	265.97	265.97
320	234.97	246.94	246.94
325	216.98	228.07	228.07
330	199.85	210.11	210.11
335	184.19	193.69	193.69
340	170.47	179.30	179.30
345	158.98	167.26	167.26
350	149.83	157.67	157.67
355	143.00	150.51	150.51

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission