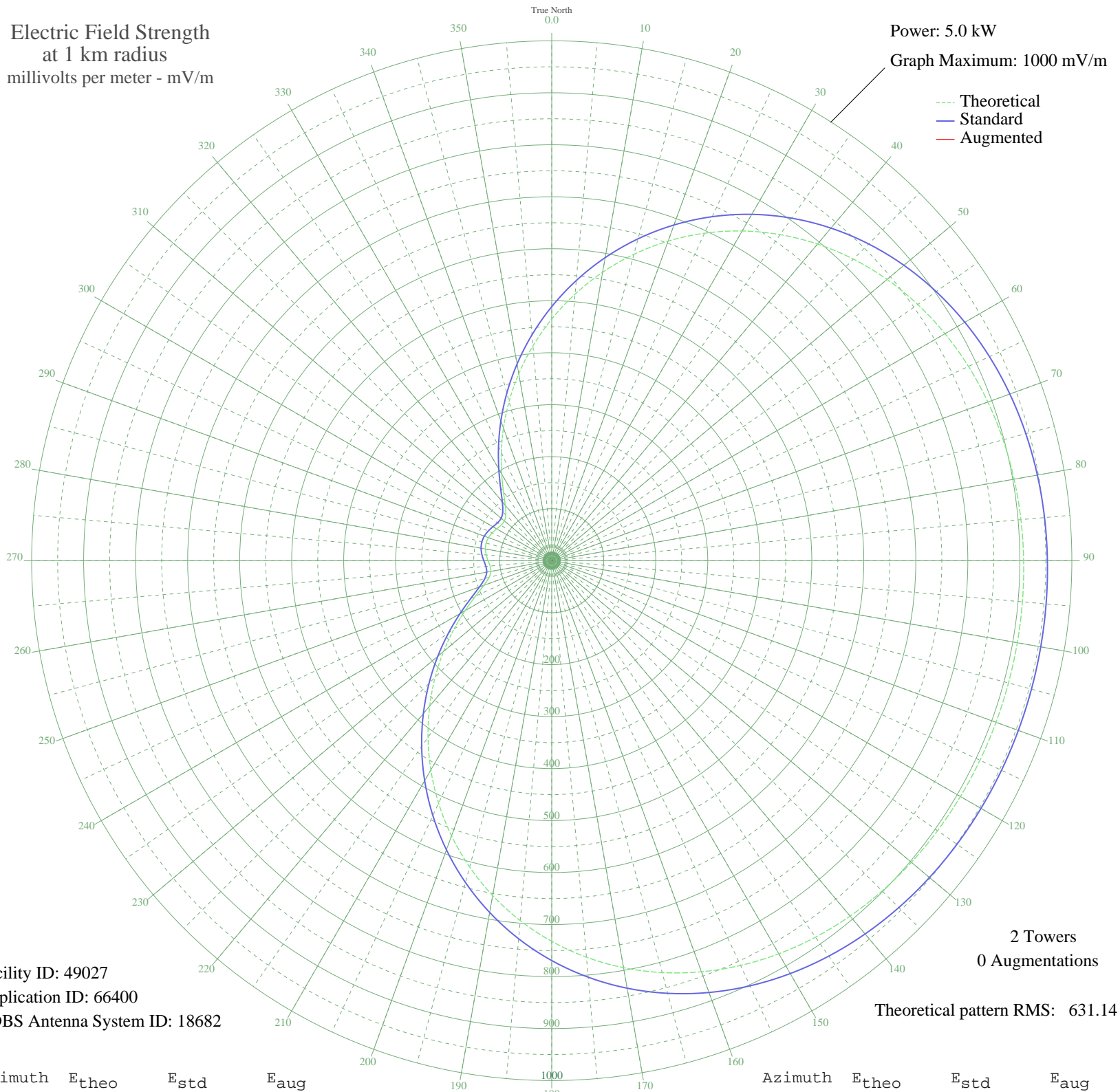


WBHV SOMERSET, PA BL-19840209AC 1330 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 49027
Application ID: 66400
CDBS Antenna System ID: 18682

2 Towers
0 Augmentations
Theoretical pattern RMS: 631.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	464.86	488.67	
5	514.68	540.93	
10	563.32	591.95	
15	610.00	640.93	
20	654.07	687.17	
25	694.96	730.09	
30	732.26	769.23	
35	765.66	804.29	
40	795.01	835.09	
45	820.28	861.61	
50	841.57	883.96	
55	859.09	902.35	
60	873.15	917.11	
65	884.12	928.62	
70	892.41	937.32	
75	898.46	943.68	
80	902.71	948.13	
85	905.55	951.12	
90	907.36	953.02	
95	908.43	954.14	
100	908.98	954.71	
105	909.14	954.89	
110	908.98	954.71	
115	908.43	954.14	
120	907.36	953.02	
125	905.55	951.12	
130	902.71	948.13	
135	898.46	943.68	
140	892.41	937.32	
145	884.12	928.62	
150	873.15	917.11	
155	859.09	902.35	
160	841.57	883.96	
165	820.28	861.61	
170	795.01	835.09	
175	765.66	804.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	732.26	769.23	
185	694.96	730.09	
190	654.07	687.17	
195	610.00	640.93	
200	563.32	591.95	
205	514.68	540.93	
210	464.86	488.67	
215	414.68	436.05	
220	365.06	384.03	
225	316.94	333.62	
230	271.38	285.91	
235	229.49	242.10	
240	192.53	203.51	
245	161.92	171.63	
250	139.07	147.90	
255	124.88	133.21	
260	118.89	127.02	
265	119.00	127.14	
270	122.34	130.59	
275	126.40	134.78	
280	129.45	137.94	
285	130.57	139.09	
290	129.45	137.94	
295	126.40	134.78	
300	122.34	130.59	
305	119.00	127.14	
310	118.89	127.02	
315	124.88	133.21	
320	139.07	147.90	
325	161.92	171.63	
330	192.53	203.51	
335	229.49	242.10	
340	271.38	285.91	
345	316.95	333.62	
350	365.06	384.03	
355	414.68	436.05	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission