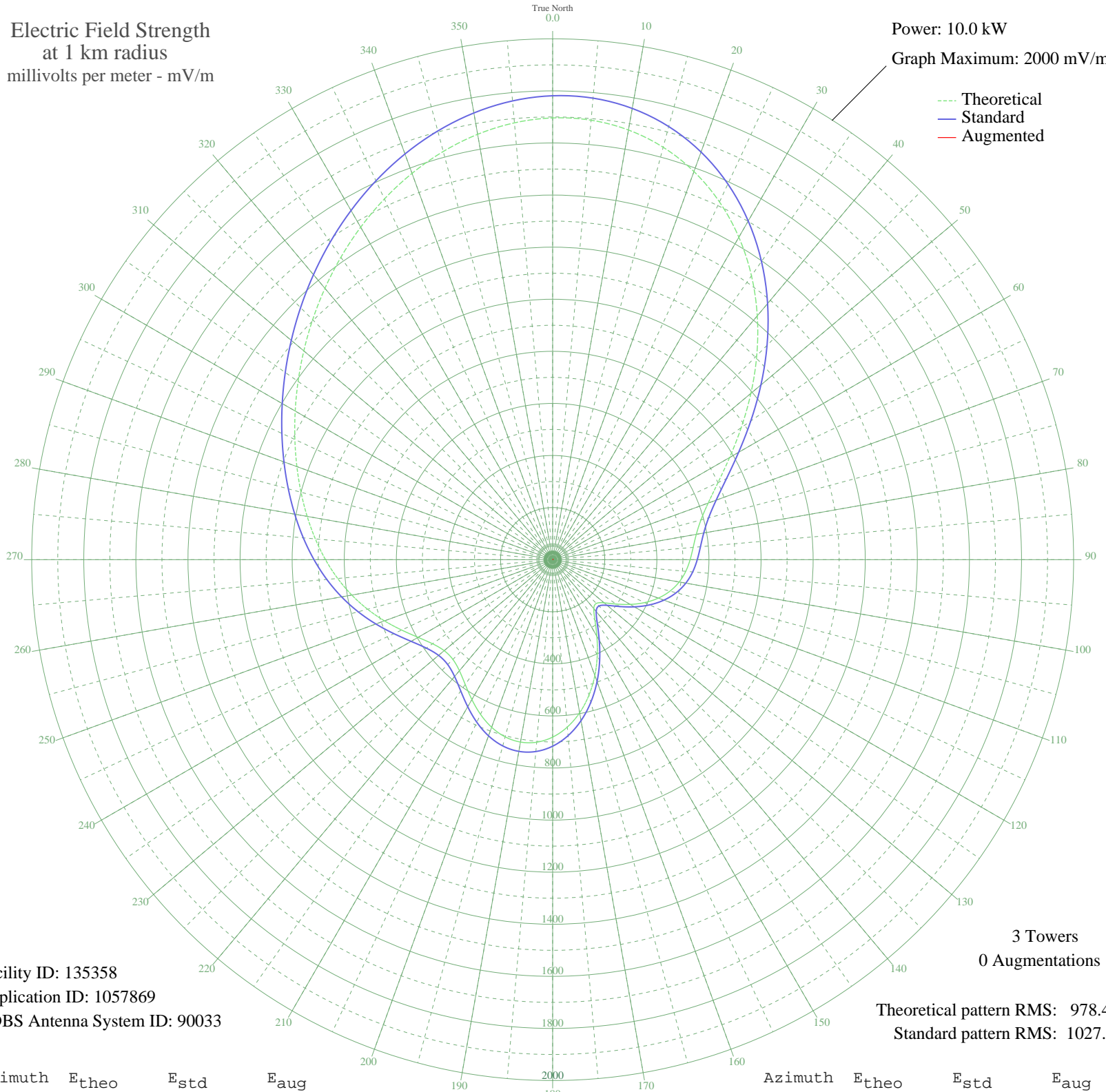


WVOA DEWITT, NY BMP-20031124ALF 720 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 135358  
Application ID: 1057869  
CDBS Antenna System ID: 90033

3 Towers  
0 Augmentations

Theoretical pattern RMS: 978.48  
Standard pattern RMS: 1027.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1696.21	1781.33	
5	1693.93	1778.93	
10	1675.34	1759.42	
15	1639.46	1721.75	
20	1586.02	1665.65	
25	1515.61	1591.74	
30	1429.72	1501.58	
35	1330.79	1397.72	
40	1222.17	1283.71	
45	1108.08	1163.96	
50	993.46	1043.66	
55	883.73	928.51	
60	784.43	824.32	
65	700.51	736.29	
70	635.33	667.92	
75	589.43	619.80	
80	560.00	588.93	
85	541.56	569.61	
90	527.78	555.16	
95	513.04	539.72	
100	493.36	519.09	
105	466.46	490.91	
110	431.73	454.53	
115	389.98	410.82	
120	343.59	362.29	
125	297.01	313.63	
130	257.86	272.78	
135	237.35	251.42	
140	245.66	260.07	
145	282.75	298.73	
150	339.29	357.80	
155	405.31	426.87	
160	473.48	498.27	
165	538.66	566.57	
170	596.96	627.69	
175	645.33	678.41	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	681.42	716.26	
185	703.63	739.56	
190	711.22	747.51	
195	704.47	740.44	
200	684.89	719.90	
205	655.36	688.92	
210	620.19	652.05	
215	585.14	615.30	
220	556.85	585.63	
225	541.64	569.69	
230	543.58	571.73	
235	562.99	592.08	
240	596.64	627.35	
245	639.58	672.38	
250	687.07	722.18	
255	735.55	773.04	
260	782.94	822.75	
265	828.40	870.45	
270	872.05	916.25	
275	914.59	960.89	
280	956.97	1005.37	
285	1000.17	1050.70	
290	1044.96	1097.71	
295	1091.91	1146.98	
300	1141.27	1198.80	
305	1193.09	1253.18	
310	1247.14	1309.92	
315	1303.02	1368.58	
320	1360.10	1428.49	
325	1417.50	1488.75	
330	1474.06	1548.12	
335	1528.33	1605.09	
340	1578.53	1657.79	
345	1622.66	1704.11	
350	1658.49	1741.73	
355	1683.74	1768.24	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission