

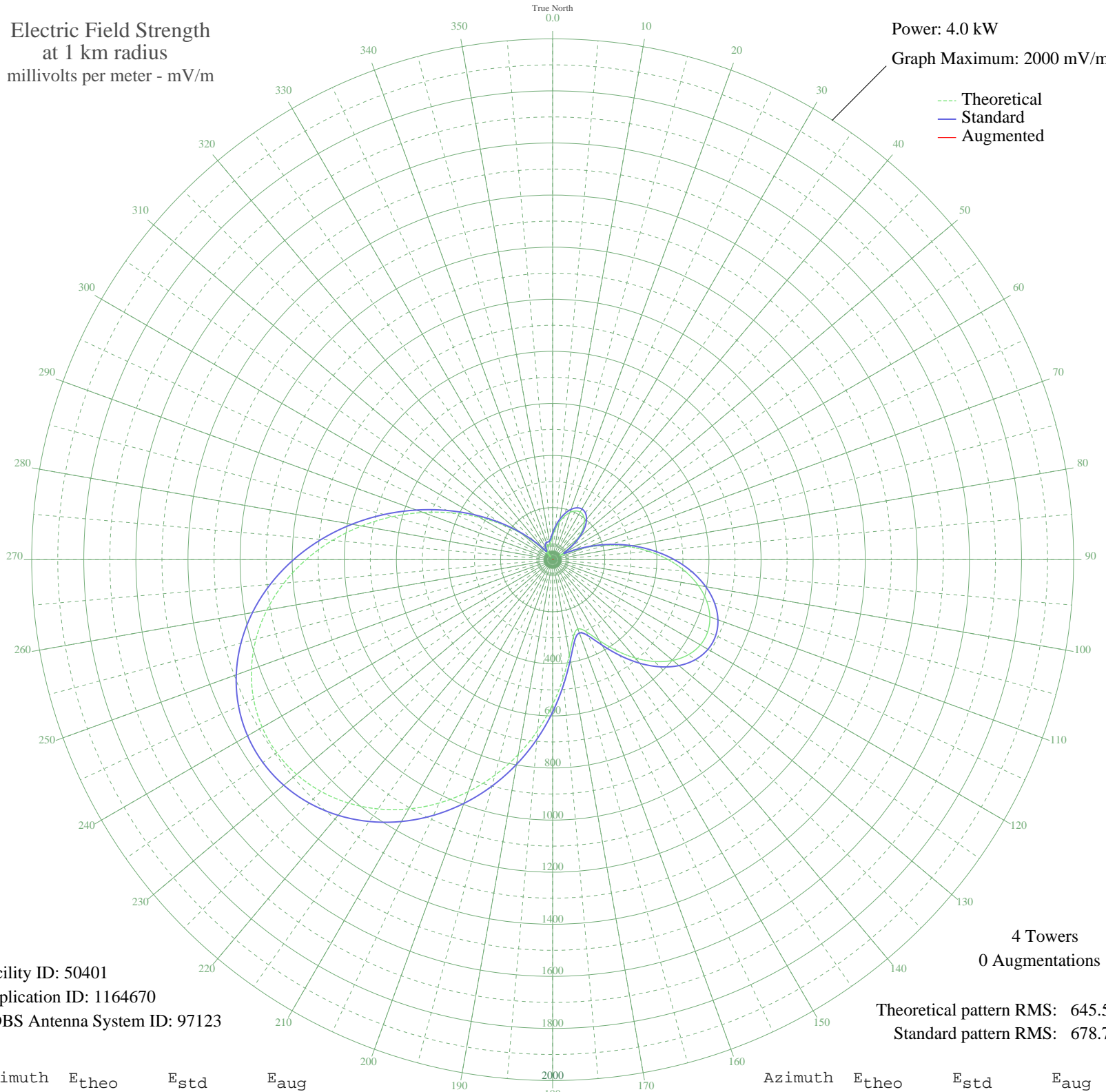
WLEE EAST HIGHLAND PARK, VA BMJP-20041029AGY 990 kHz

Daytime

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

Power: 4.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 50401
Application ID: 1164670
CDBS Antenna System ID: 97123

4 Towers
0 Augmentations

Theoretical pattern RMS: 645.52
Standard pattern RMS: 678.76

Azimuth	E _{theo}	E _{std}	E _{aug}
0	91.40	102.53	
5	118.07	129.12	
10	146.01	157.50	
15	171.75	183.91	
20	192.56	205.39	
25	206.26	219.56	
30	211.10	224.57	
35	205.81	219.09	
40	189.58	202.31	
45	162.12	174.01	
50	123.78	134.89	
55	76.23	87.80	
60	31.80	49.17	
65	65.17	77.36	
70	135.53	146.81	
75	212.65	226.18	
80	291.83	308.54	
85	369.87	390.04	
90	443.72	467.30	
95	510.45	537.19	
100	567.32	596.78	
105	611.91	643.51	
110	642.21	675.28	
115	656.78	690.56	
120	654.81	688.50	
125	636.24	669.03	
130	601.79	632.90	
135	553.09	581.86	
140	492.94	518.84	
145	425.79	448.54	
150	359.03	378.71	
155	305.26	322.54	
160	283.13	299.47	
165	306.71	324.06	
170	370.25	390.44	
175	457.57	481.81	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	556.05	584.97	
185	658.17	692.02	
190	759.39	798.18	
195	856.70	900.26	
200	947.89	995.93	
205	1031.20	1083.36	
210	1105.16	1160.98	
215	1168.45	1227.40	
220	1219.87	1281.37	
225	1258.35	1321.76	
230	1282.95	1347.58	
235	1292.88	1358.00	
240	1287.60	1352.46	
245	1266.82	1330.65	
250	1230.59	1292.63	
255	1179.37	1238.86	
260	1114.01	1170.27	
265	1035.87	1088.26	
270	946.72	994.71	
275	848.78	891.95	
280	744.64	782.70	
285	637.15	669.98	
290	529.35	556.99	
295	424.29	446.97	
300	324.94	343.09	
305	233.98	248.31	
310	153.73	165.40	
315	86.08	97.32	
320	32.98	50.02	
325	15.43	39.56	
330	38.65	54.31	
335	52.82	66.17	
340	57.66	70.48	
345	57.43	70.27	
350	59.32	71.98	
355	70.41	82.27	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission