

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

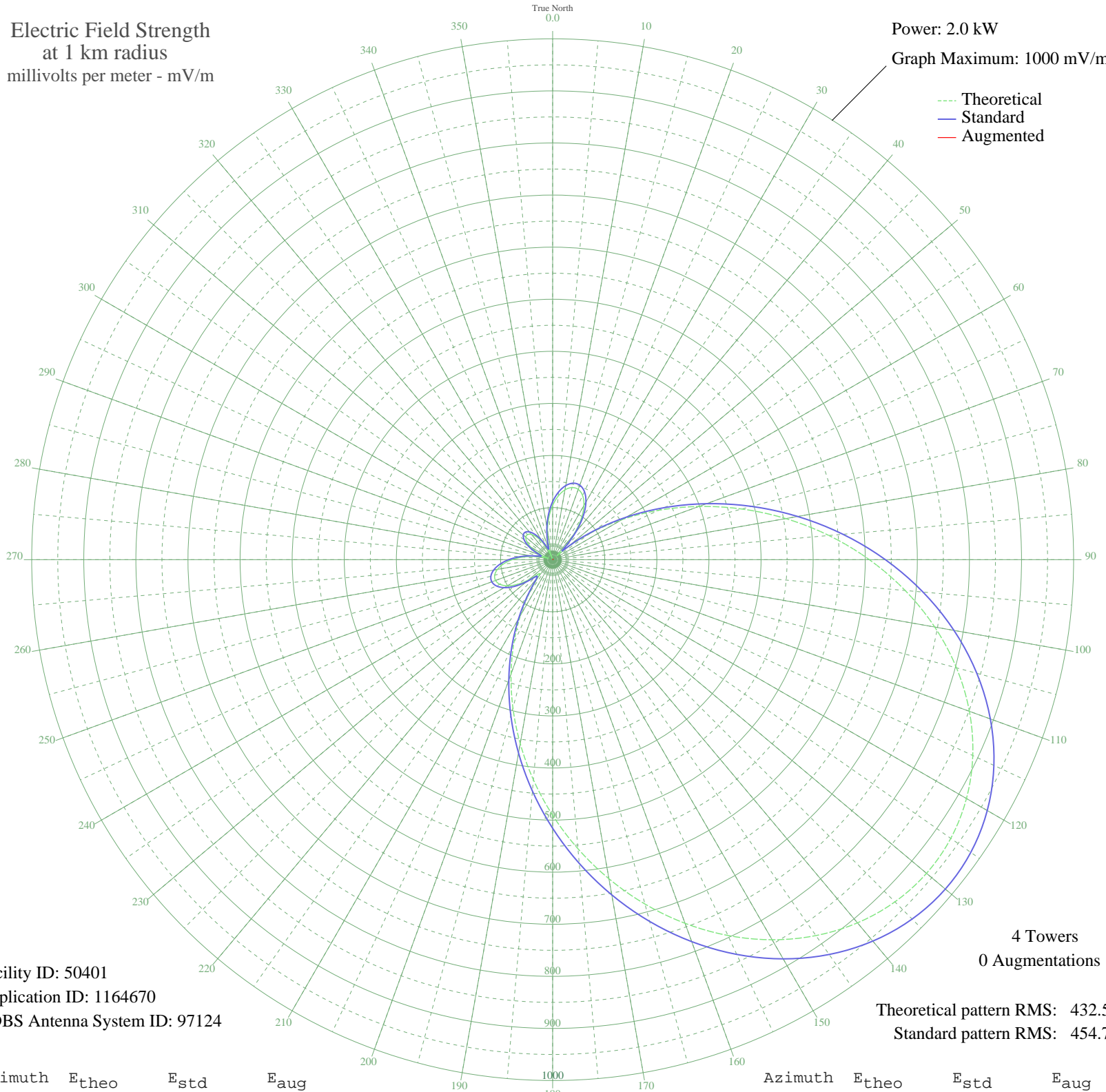
Nighttime

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

Power: 2.0 kW

Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 50401  
Application ID: 1164670  
CDBS Antenna System ID: 97124

4 Towers  
0 Augmentations

Theoretical pattern RMS: 432.59  
Standard pattern RMS: 454.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	104.11	111.31	
5	122.59	130.42	
10	136.05	144.38	
15	143.35	151.97	
20	143.57	152.20	
25	135.95	144.28	
30	119.99	127.72	
35	95.41	102.36	
40	62.29	68.68	
45	22.20	31.35	
50	33.05	40.55	
55	89.68	96.47	
60	153.98	163.03	
65	224.06	236.19	
70	298.52	314.14	
75	375.83	395.18	
80	454.36	477.54	
85	532.33	559.34	
90	607.92	638.66	
95	679.31	713.58	
100	744.72	782.24	
105	802.53	842.92	
110	851.29	894.10	
115	889.81	934.53	
120	917.21	963.29	
125	932.95	979.82	
130	936.86	983.93	
135	929.13	975.81	
140	910.26	956.01	
145	881.08	925.37	
150	842.63	885.01	
155	796.15	836.22	
160	742.97	780.40	
165	684.49	719.02	
170	622.09	653.54	
175	557.10	585.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	490.76	515.73	
185	424.22	445.93	
190	358.53	377.04	
195	294.64	310.09	
200	233.47	246.04	
205	175.92	185.91	
210	123.07	130.91	
215	76.72	83.24	
220	42.64	49.44	
225	39.10	46.10	
230	60.23	66.63	
235	82.69	89.32	
240	100.34	107.42	
245	111.79	119.24	
250	116.71	124.33	
255	115.20	122.76	
260	107.67	114.98	
265	94.82	101.75	
270	77.59	84.12	
275	57.15	63.57	
280	34.94	42.26	
285	13.46	25.29	
290	13.88	25.54	
295	32.45	40.01	
300	48.69	55.26	
305	60.60	67.00	
310	67.26	73.67	
315	68.18	74.59	
320	63.21	69.60	
325	52.57	59.05	
330	36.84	44.00	
335	16.90	27.47	
340	6.90	22.18	
345	31.67	39.31	
350	57.23	63.64	
355	81.86	88.47	

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