

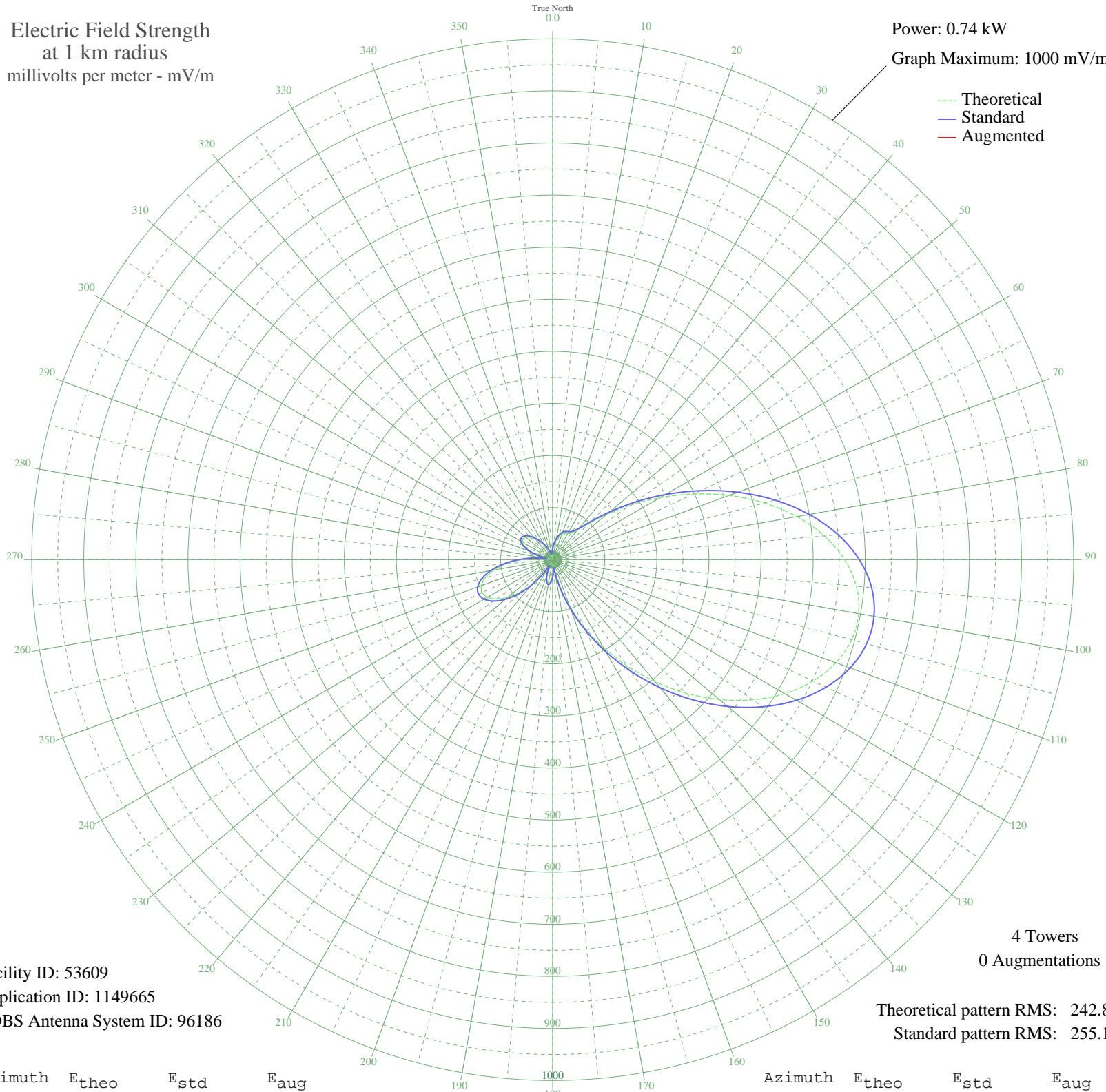
WFMO CONWAY, SC BMJP-20050114ADS 860 kHz

Nighttime

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

Power: 0.74 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 53609
Application ID: 1149665
CDBS Antenna System ID: 96186

4 Towers
0 Augmentations
Theoretical pattern RMS: 242.83
Standard pattern RMS: 255.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	18.14	21.75	
5	28.15	31.36	
10	37.80	41.06	
15	46.15	49.58	
20	52.33	55.94	
25	56.02	59.76	
30	58.20	62.01	
35	62.30	66.25	
40	74.18	78.59	
45	98.37	103.82	
50	135.20	142.35	
55	182.62	192.04	
60	237.94	250.05	
65	298.21	313.30	
70	360.24	378.39	
75	420.65	441.81	
80	476.13	500.05	
85	523.63	549.91	
90	560.60	588.72	
95	585.21	614.56	
100	596.44	626.35	
105	594.07	623.87	
110	578.69	607.72	
115	551.51	579.18	
120	514.23	540.04	
125	468.84	492.40	
130	417.50	438.50	
135	362.34	380.60	
140	305.43	320.87	
145	248.66	261.31	
150	193.76	203.71	
155	142.21	149.69	
160	95.35	100.66	
165	54.36	58.04	
170	20.93	24.35	
175	12.56	16.86	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	29.88	33.09	
185	41.32	44.64	
190	45.11	48.51	
195	41.31	44.63	
200	30.50	33.71	
205	13.89	17.97	
210	10.44	15.18	
215	35.07	38.29	
220	62.00	65.94	
225	88.51	93.53	
230	112.37	118.45	
235	131.51	138.48	
240	144.16	151.73	
245	149.04	156.85	
250	145.53	153.17	
255	133.77	140.85	
260	114.64	120.83	
265	89.75	94.83	
270	61.22	65.13	
275	31.46	34.66	
280	4.00	11.31	
285	23.08	26.41	
290	43.56	46.93	
295	58.21	62.01	
300	66.64	70.75	
305	69.16	73.37	
310	66.64	70.76	
315	60.33	64.21	
320	51.63	55.22	
325	41.95	45.28	
330	32.40	35.60	
335	23.65	26.96	
340	15.75	19.59	
345	8.22	13.59	
350	1.10	10.56	
355	8.57	13.83	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission