

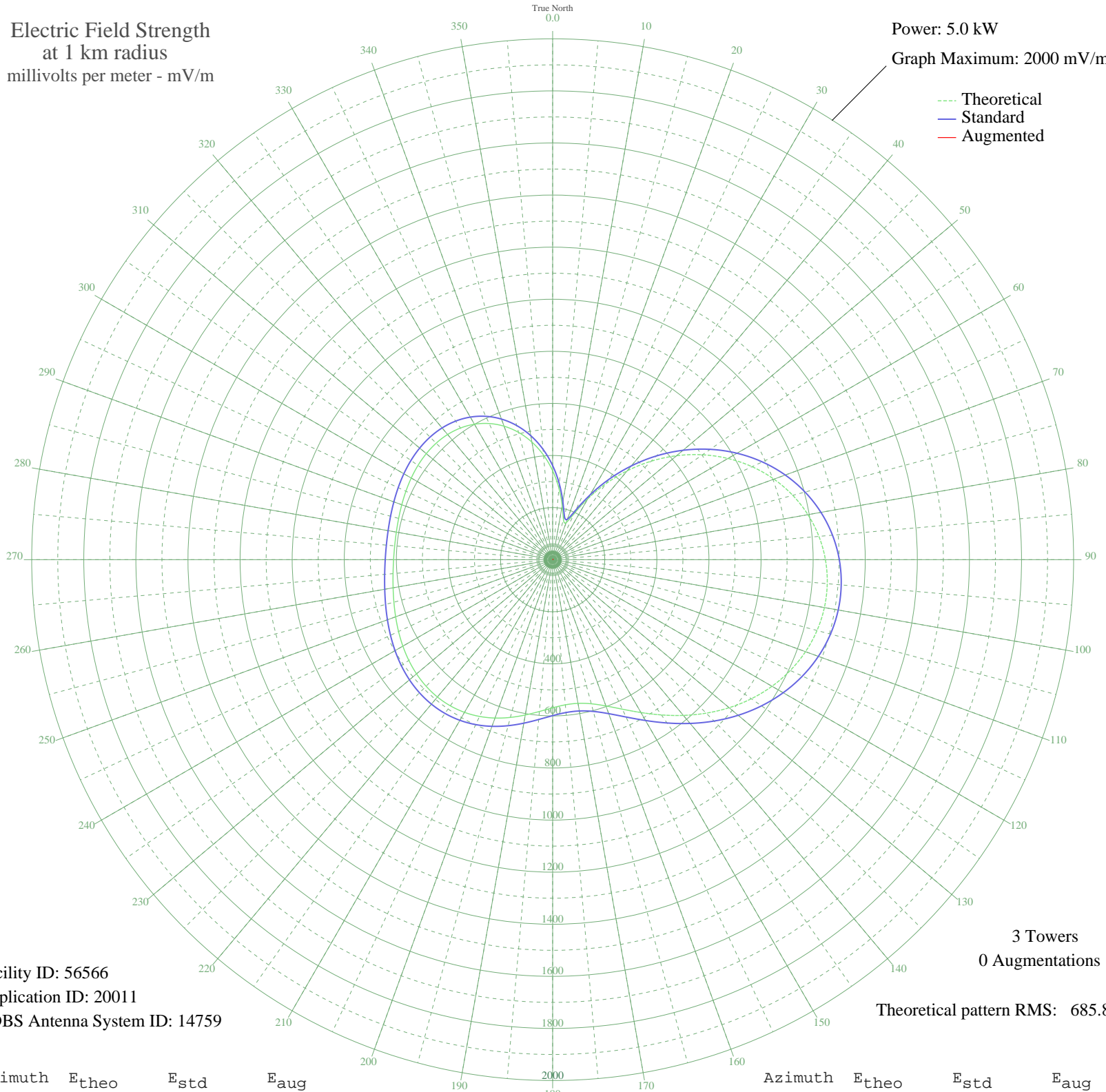
WGHB FARMVILLE, NC BL-19800507AA 1250 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 56566
Application ID: 20011
CDBS Antenna System ID: 14759

3 Towers
0 Augmentations

Theoretical pattern RMS: 685.81

Azimuth	E _{theo}	E _{std}	E _{aug}
0	341.36	361.23	
5	275.39	292.63	
10	210.52	225.56	
15	160.01	173.90	
20	150.95	164.74	
25	195.23	209.85	
30	269.73	286.76	
35	355.89	376.37	
40	445.57	470.00	
45	534.75	563.28	
50	620.89	653.48	
55	702.18	738.66	
60	777.19	817.28	
65	844.79	888.16	
70	904.08	950.34	
75	954.38	1003.10	
80	995.20	1045.92	
85	1026.20	1078.45	
90	1047.23	1100.51	
95	1058.24	1112.06	
100	1059.35	1113.23	
105	1050.83	1104.28	
110	1033.07	1085.65	
115	1006.66	1057.95	
120	972.38	1021.98	
125	931.21	978.80	
130	884.43	929.74	
135	833.60	876.43	
140	780.63	820.89	
145	727.81	765.52	
150	677.80	713.11	
155	633.49	666.67	
160	597.74	629.23	
165	572.92	603.24	
170	560.28	590.00	
175	559.51	589.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	568.78	598.91	
185	585.22	616.12	
190	605.64	637.50	
195	627.09	659.97	
200	647.18	681.02	
205	664.18	698.83	
210	676.98	712.25	
215	685.06	720.71	
220	688.35	724.16	
225	687.18	722.94	
230	682.17	717.68	
235	674.12	709.25	
240	664.00	698.64	
245	652.79	686.90	
250	641.48	675.05	
255	630.96	664.02	
260	621.97	654.61	
265	615.08	647.40	
270	610.65	642.76	
275	608.80	640.81	
280	609.40	641.44	
285	612.12	644.29	
290	616.43	648.81	
295	621.62	654.24	
300	626.82	659.69	
305	631.07	664.15	
310	633.32	666.50	
315	632.47	665.61	
320	627.40	660.30	
325	617.07	649.48	
330	600.48	632.10	
335	576.81	607.31	
340	545.43	574.46	
345	505.96	533.15	
350	458.39	483.40	
355	403.15	425.68	

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