

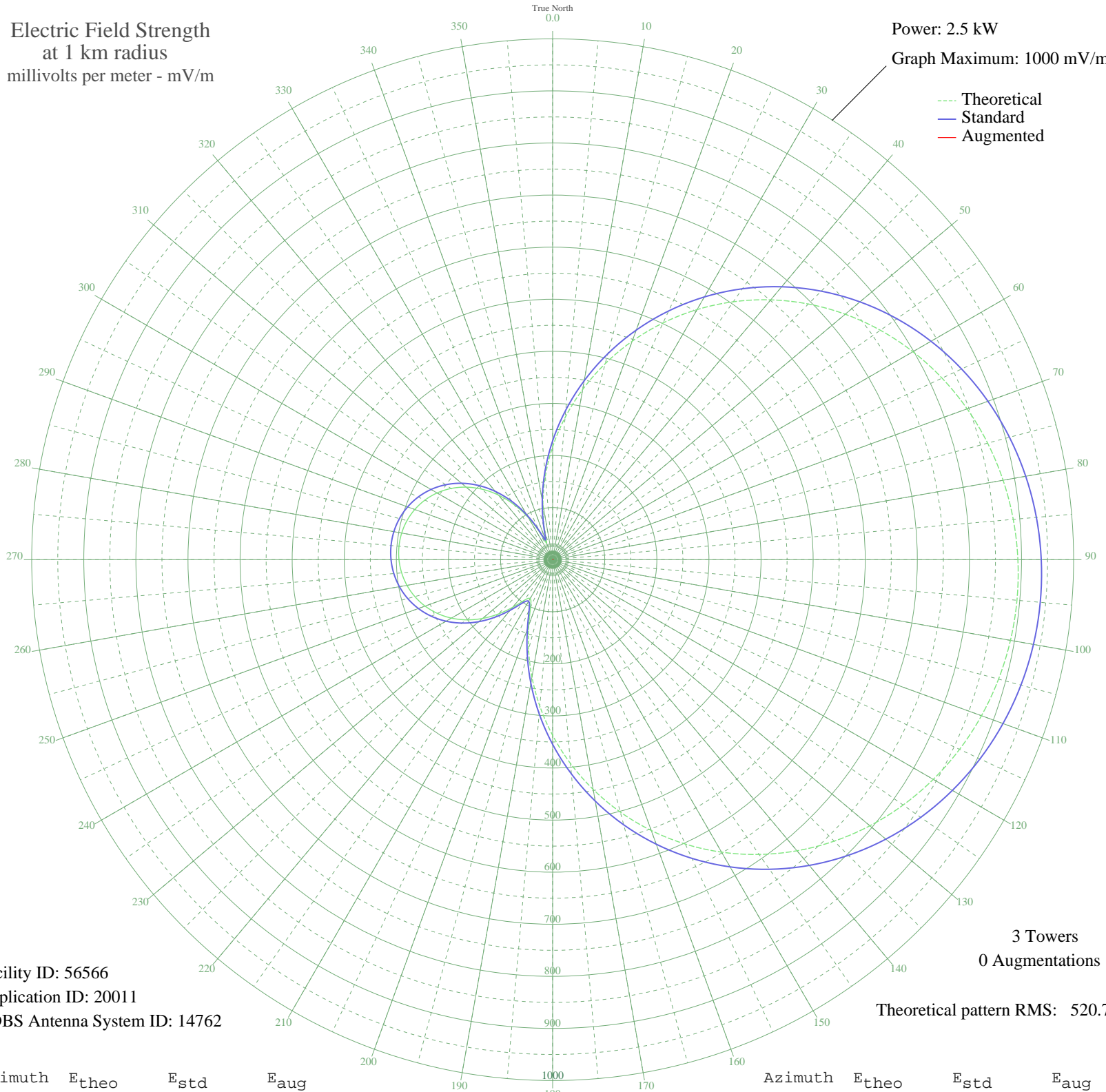
WGHB FARMVILLE, NC BL-19800507AA 1250 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 56566  
Application ID: 20011  
CDBS Antenna System ID: 14762

3 Towers  
0 Augmentations

Theoretical pattern RMS: 520.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	216.61	228.16	
5	273.85	288.11	
10	331.75	348.81	
15	389.50	409.37	
20	446.33	468.99	
25	501.51	526.90	
30	554.40	582.40	
35	604.44	634.92	
40	651.14	683.93	
45	694.12	729.05	
50	733.12	769.99	
55	767.94	806.54	
60	798.49	838.61	
65	824.73	866.15	
70	846.69	889.20	
75	864.42	907.82	
80	878.01	922.08	
85	887.53	932.08	
90	893.06	937.89	
95	894.66	939.56	
100	892.34	937.13	
105	886.12	930.60	
110	875.96	919.93	
115	861.81	905.08	
120	843.62	885.98	
125	821.32	862.57	
130	794.88	834.82	
135	764.29	802.71	
140	729.60	766.29	
145	690.91	725.68	
150	648.44	681.10	
155	602.45	632.83	
160	553.36	581.31	
165	501.65	527.04	
170	447.93	470.67	
175	392.90	412.94	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	337.38	354.70	
185	282.30	296.97	
190	228.83	240.95	
195	178.54	188.33	
200	133.99	141.84	
205	100.28	106.82	
210	86.13	92.21	
215	95.60	101.98	
220	119.37	126.63	
225	147.59	156.01	
230	175.58	185.24	
235	201.44	212.28	
240	224.40	236.31	
245	244.15	256.99	
250	260.62	274.24	
255	273.84	288.10	
260	283.92	298.66	
265	290.94	306.01	
270	294.98	310.25	
275	296.09	311.41	
280	294.27	309.50	
285	289.47	304.48	
290	281.61	296.24	
295	270.56	284.66	
300	256.15	269.56	
305	238.22	250.78	
310	216.61	228.15	
315	191.19	201.55	
320	161.92	170.97	
325	128.93	136.57	
330	92.77	99.06	
335	55.75	61.25	
340	33.64	39.65	
345	60.64	66.17	
350	108.05	114.87	
355	160.95	169.95	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission