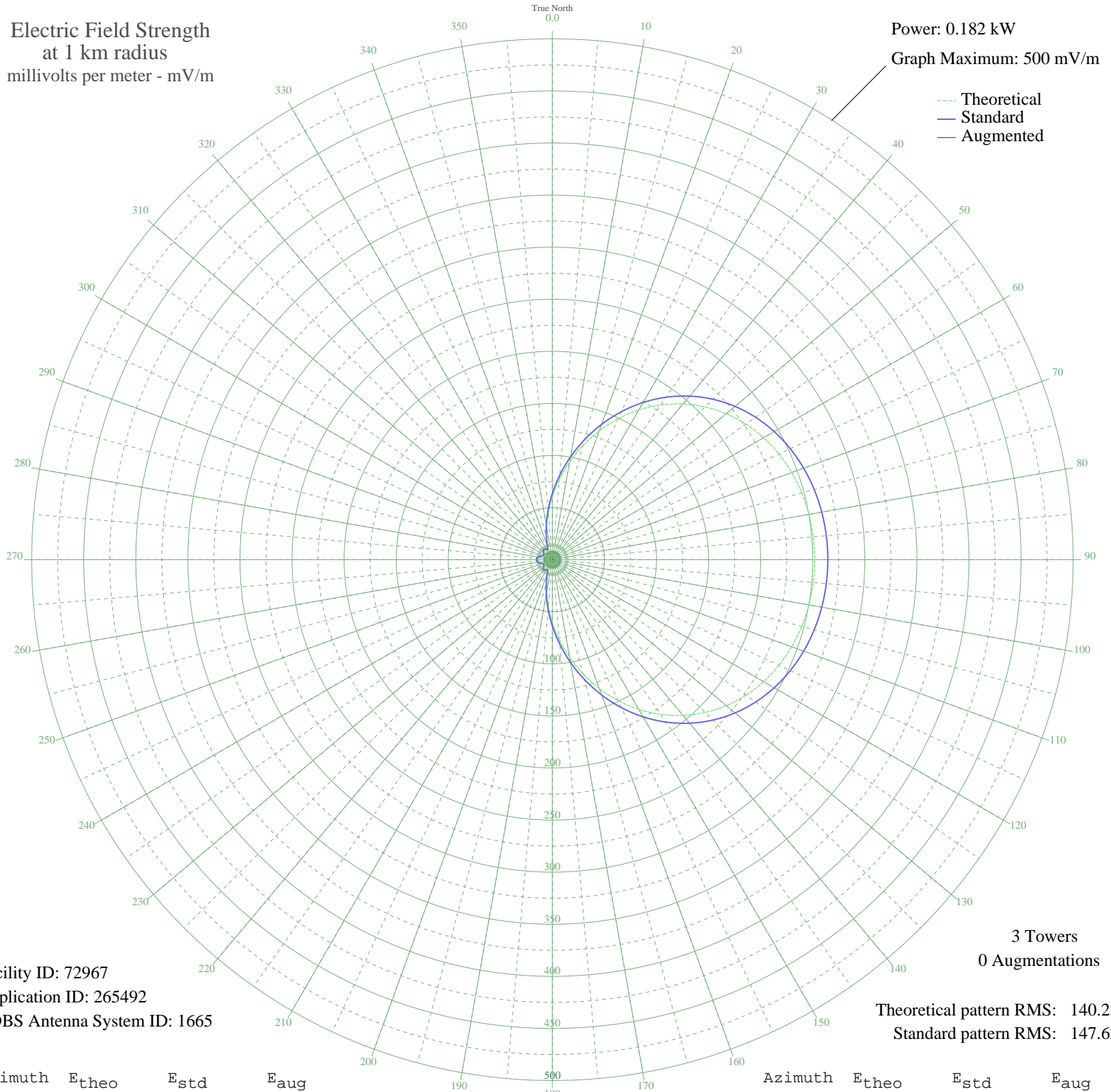


WSGH LEWISVILLE, NC BL-19980403KE 1040 kHz

Nighttime

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

Power: 0.182 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 72967
Application ID: 265492
CDBS Antenna System ID: 1665

3 Towers
0 Augmentations

Theoretical pattern RMS: 140.23
Standard pattern RMS: 147.62

Azimuth	E _{theo}	E _{std}	E _{aug}
0	60.60	63.79	
5	77.44	81.44	
10	95.22	100.09	
15	113.44	119.20	
20	131.59	138.24	
25	149.20	156.72	
30	165.86	174.21	
35	181.25	190.37	
40	195.15	204.95	
45	207.40	217.81	
50	217.95	228.90	
55	226.84	238.22	
60	234.14	245.89	
65	239.97	252.01	
70	244.48	256.75	
75	247.81	260.24	
80	250.09	262.63	
85	251.41	264.02	
90	251.84	264.47	
95	251.41	264.02	
100	250.09	262.63	
105	247.81	260.24	
110	244.48	256.75	
115	239.97	252.01	
120	234.14	245.89	
125	226.84	238.22	
130	217.95	228.90	
135	207.40	217.81	
140	195.15	204.95	
145	181.25	190.37	
150	165.86	174.21	
155	149.20	156.72	
160	131.59	138.24	
165	113.44	119.20	
170	95.22	100.09	
175	77.44	81.44	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	60.61	63.79	
185	45.22	47.69	
190	31.75	33.64	
195	20.72	22.21	
200	12.87	14.24	
205	9.40	10.84	
210	9.81	11.23	
215	11.08	12.47	
220	11.59	12.97	
225	11.10	12.48	
230	9.87	11.29	
235	8.45	9.94	
240	7.62	9.17	
245	8.00	9.52	
250	9.41	10.85	
255	11.16	12.55	
260	12.71	14.08	
265	13.75	15.12	
270	14.11	15.48	
275	13.75	15.12	
280	12.71	14.08	
285	11.16	12.55	
290	9.41	10.85	
295	8.00	9.52	
300	7.62	9.17	
305	8.45	9.94	
310	9.87	11.29	
315	11.10	12.48	
320	11.59	12.97	
325	11.08	12.47	
330	9.81	11.23	
335	9.40	10.84	
340	12.87	14.24	
345	20.72	22.21	
350	31.75	33.64	
355	45.22	47.69	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission