

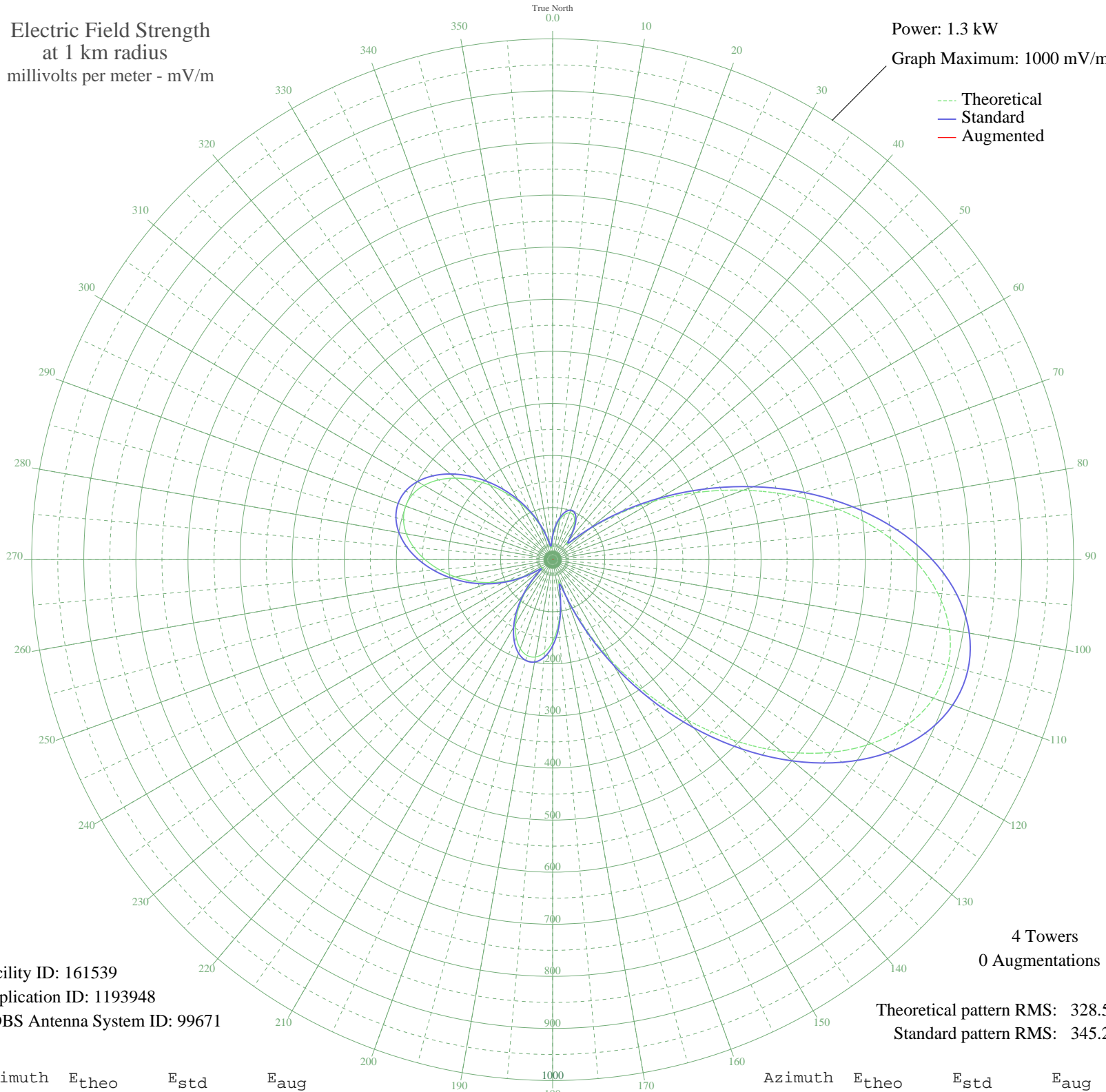
WHRH LITHONIA, GA BNP-20070717ABL 1360 kHz

Nighttime

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

Power: 1.3 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161539
Application ID: 1193948
CDBS Antenna System ID: 99671

4 Towers
0 Augmentations

Theoretical pattern RMS: 328.57
Standard pattern RMS: 345.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	42.45	46.15	
5	61.39	65.56	
10	77.82	82.58	
15	89.77	95.02	
20	95.69	101.19	
25	94.21	99.64	
30	84.33	89.35	
35	66.08	70.41	
40	44.26	47.99	
45	45.94	49.70	
50	88.68	93.88	
55	150.89	158.89	
60	224.26	235.78	
65	305.06	320.54	
70	389.91	409.58	
75	475.13	499.03	
80	556.82	584.78	
85	631.00	662.66	
90	693.89	728.69	
95	742.19	779.39	
100	773.28	812.03	
105	785.43	824.79	
110	777.93	816.91	
115	751.10	788.75	
120	706.29	741.71	
125	645.73	678.12	
130	572.35	601.09	
135	489.61	514.23	
140	401.23	421.47	
145	311.04	326.81	
150	222.82	234.26	
155	140.57	148.08	
160	71.06	75.57	
165	45.90	49.66	
170	83.18	88.15	
175	124.76	131.54	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	157.26	165.56	
185	178.91	188.24	
190	189.72	199.56	
195	190.34	200.21	
200	181.77	191.23	
205	165.25	173.93	
210	142.20	149.79	
215	114.19	120.49	
220	82.94	87.91	
225	50.84	54.71	
230	25.42	29.25	
235	34.94	38.59	
240	64.96	69.25	
245	97.10	102.66	
250	128.92	135.90	
255	159.98	168.41	
260	190.04	199.90	
265	218.63	229.87	
270	244.86	257.38	
275	267.49	281.12	
280	285.12	299.61	
285	296.40	311.45	
290	300.35	315.59	
295	296.53	311.58	
300	285.14	299.63	
305	267.00	280.61	
310	243.43	255.88	
315	216.02	227.13	
320	186.40	196.09	
325	156.02	164.26	
330	125.97	132.81	
335	96.94	102.49	
340	69.39	73.83	
345	44.07	47.80	
350	24.64	28.50	
355	25.20	29.04	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission