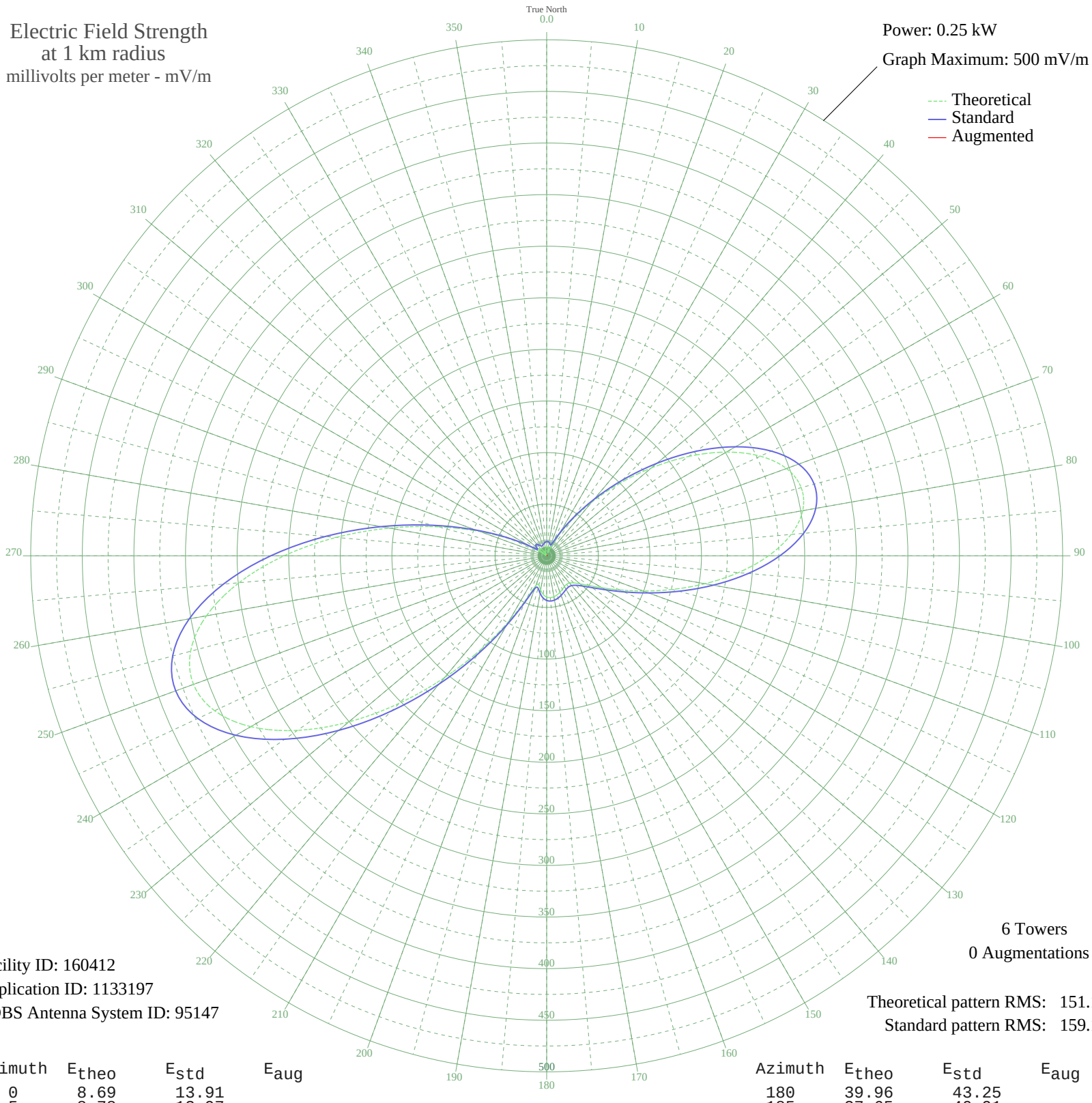
WJWB GIBSONIA, FL BNP-20050118ACY 700 kHz

Nighttime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 160412
Application ID: 1133197
CDBS Antenna System ID: 95147

6 Towers
0 Augmentations

Theoretical pattern RMS: 151.19
Standard pattern RMS: 159.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	8.69	13.91	
5	8.78	13.97	
10	7.97	13.43	
15	5.76	12.12	
20	3.00	10.96	
25	9.38	14.40	
30	22.77	26.11	
35	42.12	45.45	
40	67.49	71.64	
45	98.18	103.62	
50	132.51	139.54	
55	167.88	176.58	
60	201.01	211.32	
65	228.49	240.15	
70	247.31	259.88	
75	255.37	268.35	
80	251.96	264.76	
85	237.80	249.91	
90	214.98	225.97	
95	186.50	196.10	
100	155.75	163.88	
105	125.94	132.65	
110	99.56	105.07	
115	78.08	82.66	
120	61.83	65.76	
125	50.20	53.75	
130	42.24	45.58	
135	37.13	40.38	
140	34.42	37.63	
145	33.69	36.90	
150	34.38	37.60	
155	35.86	39.08	
160	37.57	40.82	
165	39.13	42.41	
170	40.27	43.57	
175	40.68	43.98	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	39.96	43.25	
185	37.65	40.91	
190	33.59	36.80	
195	29.16	32.37	
200	30.53	33.73	
205	45.43	48.85	
210	73.06	77.43	
215	110.16	116.14	
220	154.15	162.19	
225	202.13	212.50	
230	250.46	263.19	
235	294.89	309.81	
240	331.06	347.77	
245	355.09	372.99	
250	364.21	382.56	
255	357.23	375.24	
260	334.80	351.70	
265	299.30	314.44	
270	254.46	267.39	
275	204.77	215.26	
280	154.77	162.85	
285	108.46	114.36	
290	68.76	72.96	
295	37.38	40.63	
300	14.74	18.70	
305	0.29	10.50	
310	7.49	13.12	
315	10.10	14.92	
320	9.32	14.36	
325	6.68	12.63	
330	3.35	11.07	
335	0.48	10.51	
340	2.87	10.92	
345	5.12	11.80	
350	6.81	12.71	
355	8.00	13.45	

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