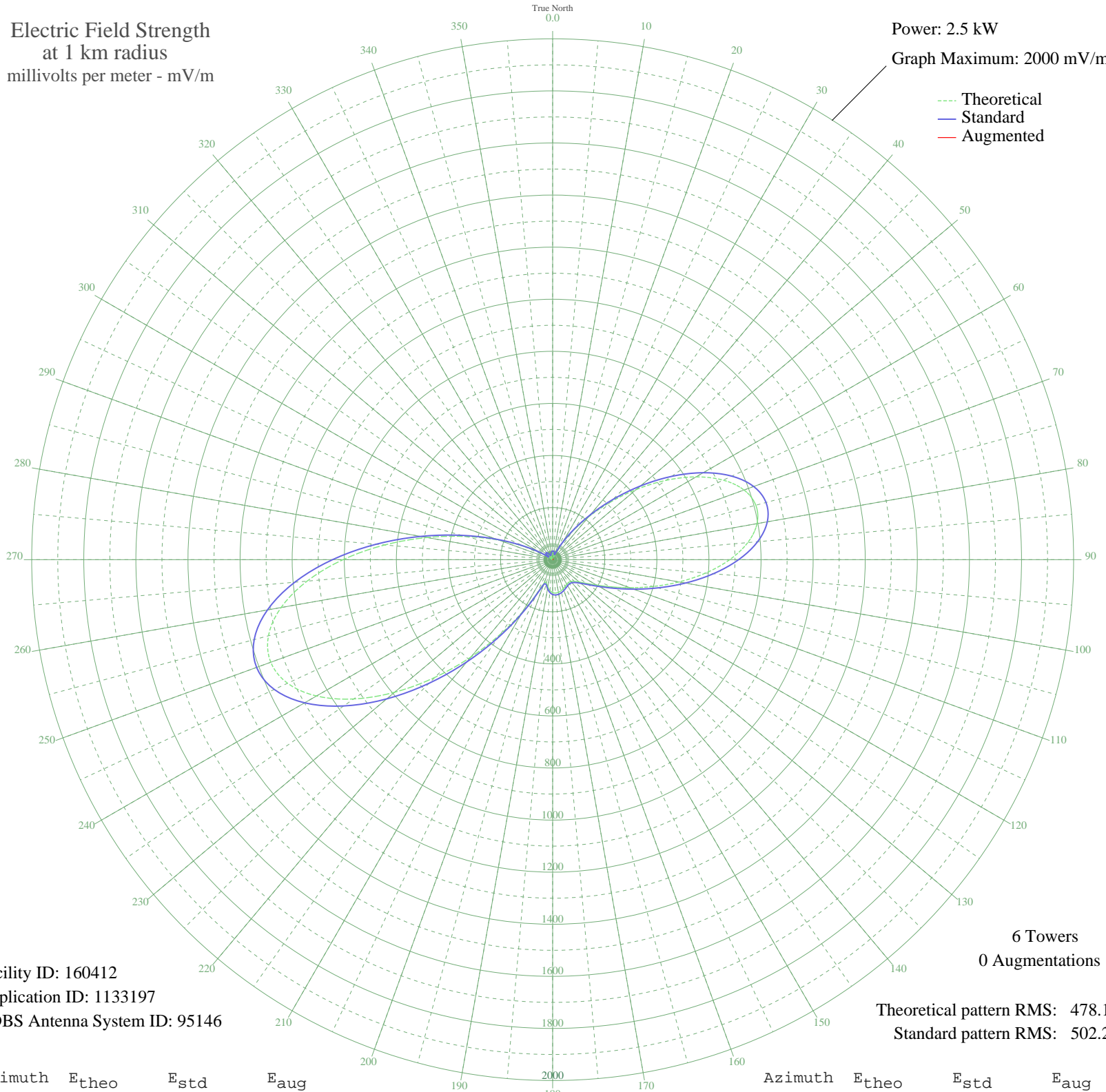


# WJWB GIBSONIA, FL BNP-20050118ACY 700 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 160412  
Application ID: 1133197  
CDBS Antenna System ID: 95146

6 Towers  
0 Augmentations

Theoretical pattern RMS: 478.11  
Standard pattern RMS: 502.29

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	27.48	33.29	
5	27.77	33.55	
10	25.21	31.24	
15	18.22	25.33	
20	9.48	19.36	
25	29.67	35.30	
30	72.01	77.41	
35	133.19	140.83	
40	213.42	224.70	
45	310.48	326.42	
50	419.05	440.32	
55	530.87	557.66	
60	635.66	667.65	
65	722.57	758.88	
70	782.06	821.33	
75	807.57	848.11	
80	796.76	836.77	
85	752.00	789.77	
90	679.83	714.01	
95	589.76	619.47	
100	492.54	517.43	
105	398.26	418.50	
110	314.85	331.00	
115	246.92	259.80	
120	195.51	205.96	
125	158.75	167.52	
130	133.57	141.23	
135	117.43	124.41	
140	108.84	115.48	
145	106.53	113.08	
150	108.72	115.36	
155	113.39	120.21	
160	118.79	125.83	
165	123.75	130.99	
170	127.34	134.74	
175	128.63	136.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	126.36	133.71	
185	119.07	126.12	
190	106.21	112.75	
195	92.21	98.24	
200	96.54	102.72	
205	143.67	151.77	
210	231.05	243.16	
215	348.35	366.14	
220	487.46	512.10	
225	639.20	671.37	
230	792.02	831.79	
235	932.53	979.30	
240	1046.92	1099.39	
245	1122.91	1179.17	
250	1151.74	1209.44	
255	1129.67	1186.27	
260	1058.74	1111.81	
265	946.48	993.94	
270	804.68	845.07	
275	647.53	680.11	
280	489.43	514.17	
285	342.97	360.50	
290	217.45	228.93	
295	118.21	125.23	
300	46.61	51.68	
305	0.92	16.63	
310	23.69	29.90	
315	31.93	37.41	
320	29.48	35.13	
325	21.14	27.72	
330	10.60	19.99	
335	1.53	16.68	
340	9.08	19.15	
345	16.19	23.76	
350	21.55	28.06	
355	25.30	31.32	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission