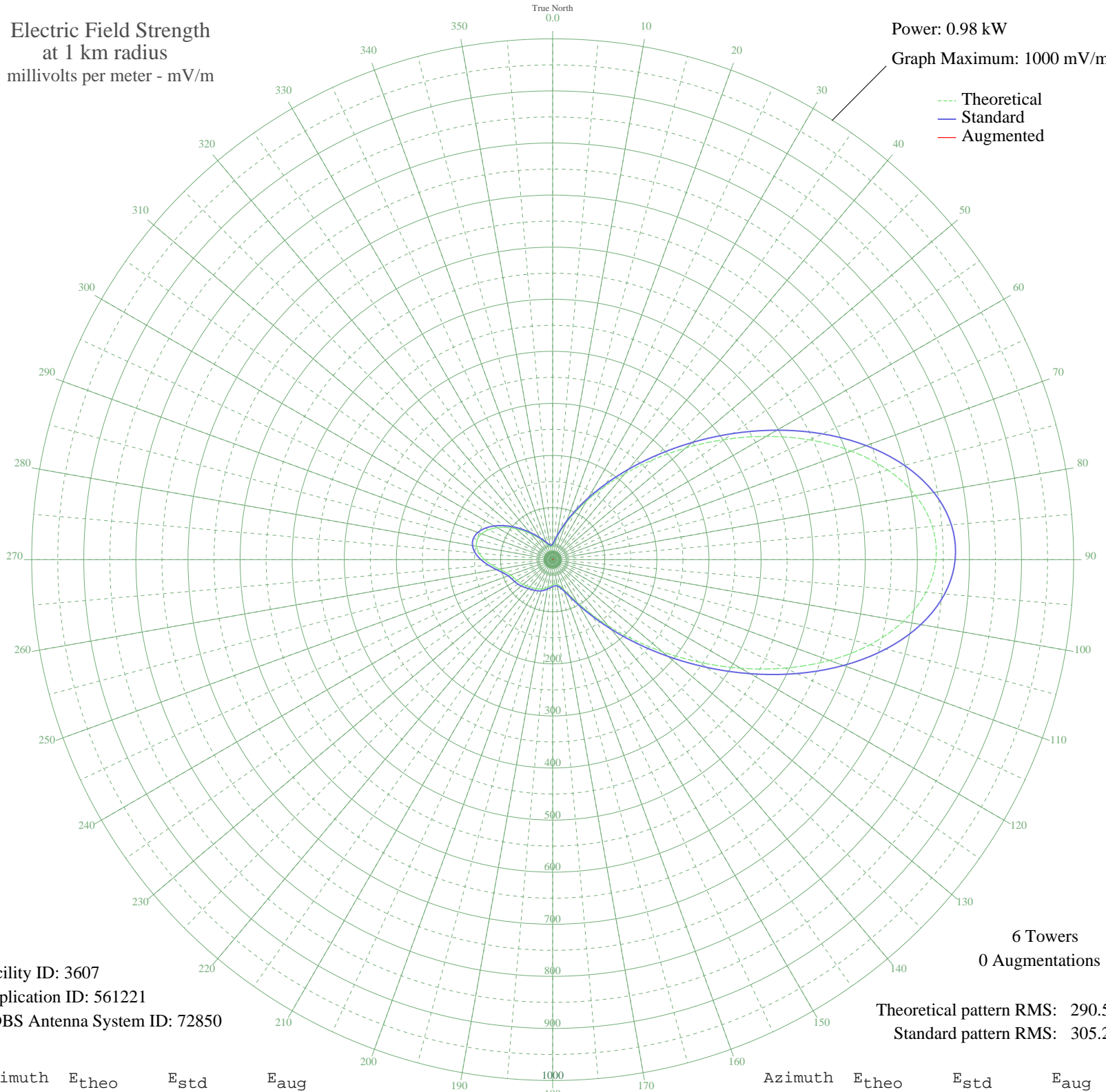


# WURN KENDALL, FL BL-20010406ABC 1020 kHz

Nighttime

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

Power: 0.98 kW  
Graph Maximum: 1000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 3607  
Application ID: 561221  
CDBS Antenna System ID: 72850

6 Towers  
0 Augmentations

Theoretical pattern RMS: 290.50  
Standard pattern RMS: 305.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	26.64	29.88	
5	32.38	35.58	
10	42.00	45.33	
15	55.84	59.56	
20	74.50	78.93	
25	98.86	104.33	
30	129.91	136.81	
35	168.58	177.32	
40	215.47	226.49	
45	270.65	284.38	
50	333.37	350.19	
55	401.87	422.09	
60	473.38	497.16	
65	544.18	571.48	
70	609.87	640.45	
75	665.79	699.16	
80	707.57	743.02	
85	731.64	768.29	
90	735.74	772.60	
95	719.26	755.30	
100	683.34	717.59	
105	630.76	662.38	
110	565.57	593.94	
115	492.60	517.34	
120	416.87	437.84	
125	343.01	360.31	
130	274.82	288.76	
135	215.01	226.00	
140	165.06	173.63	
145	125.37	132.06	
150	95.45	100.77	
155	74.19	78.61	
160	60.19	64.06	
165	51.90	55.49	
170	47.88	51.36	
175	46.94	50.39	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	48.11	51.60	
185	50.63	54.19	
190	53.79	57.45	
195	57.01	60.77	
200	59.86	63.72	
205	62.17	66.11	
210	64.08	68.09	
215	65.98	70.07	
220	68.28	72.46	
225	71.12	75.41	
230	74.22	78.64	
235	77.09	81.62	
240	79.50	84.13	
245	81.99	86.73	
250	85.98	90.88	
255	93.07	98.29	
260	103.85	109.54	
265	117.16	123.46	
270	130.65	137.58	
275	141.76	149.22	
280	148.47	156.25	
285	149.65	157.49	
290	145.17	152.79	
295	135.76	142.94	
300	122.76	129.32	
305	107.76	113.63	
310	92.32	97.50	
315	77.69	82.24	
320	64.68	68.72	
325	53.68	57.34	
330	44.72	48.12	
335	37.60	40.85	
340	32.03	35.23	
345	27.83	31.05	
350	25.13	28.40	
355	24.45	27.73	

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