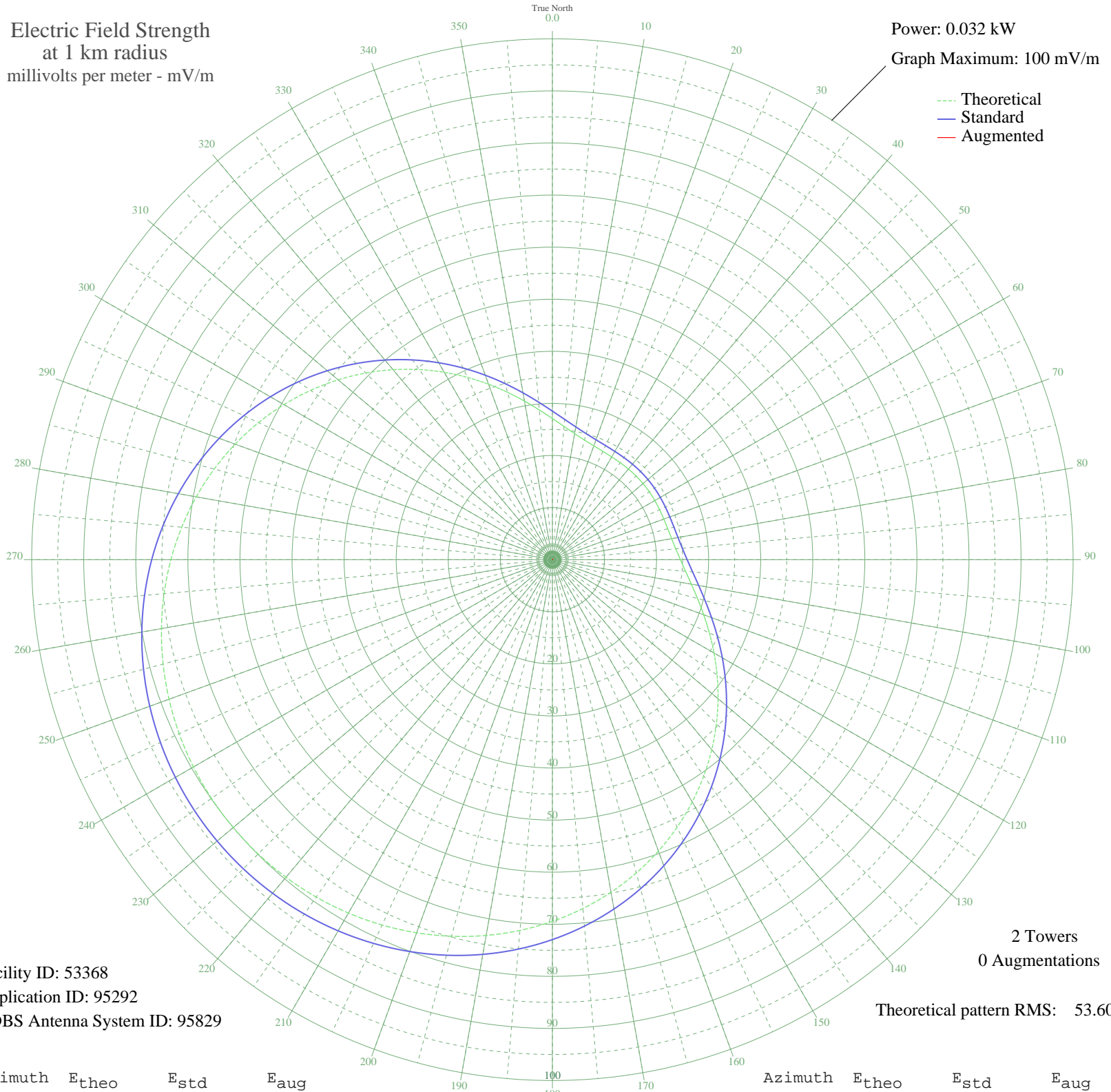


# WKDL WARRENTON, VA BL-19861128AC 1250 kHz

Nighttime

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

Power: 0.032 kW  
Graph Maximum: 100 mV/m



Facility ID: 53368  
Application ID: 95292  
CDBS Antenna System ID: 95829

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 53.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	27.10	28.52	
5	25.67	27.03	
10	24.58	25.88	
15	23.78	25.05	
20	23.25	24.49	
25	22.94	24.16	
30	22.77	23.99	
35	22.71	23.93	
40	22.71	23.92	
45	22.72	23.93	
50	22.72	23.94	
55	22.72	23.93	
60	22.71	23.92	
65	22.71	23.93	
70	22.77	23.99	
75	22.94	24.16	
80	23.25	24.49	
85	23.78	25.05	
90	24.58	25.88	
95	25.67	27.03	
100	27.10	28.52	
105	28.85	30.36	
110	30.91	32.52	
115	33.26	34.98	
120	35.84	37.68	
125	38.61	40.59	
130	41.53	43.65	
135	44.55	46.81	
140	47.61	50.03	
145	50.68	53.25	
150	53.71	56.43	
155	56.67	59.54	
160	59.53	62.54	
165	62.26	65.40	
170	64.83	68.10	
175	67.23	70.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	69.45	72.94	
185	71.46	75.06	
190	73.26	76.95	
195	74.85	78.62	
200	76.23	80.07	
205	77.40	81.29	
210	78.34	82.28	
215	79.08	83.06	
220	79.60	83.61	
225	79.92	83.94	
230	80.02	84.05	
235	79.92	83.94	
240	79.60	83.61	
245	79.08	83.06	
250	78.34	82.28	
255	77.40	81.29	
260	76.23	80.07	
265	74.85	78.62	
270	73.26	76.95	
275	71.46	75.06	
280	69.45	72.94	
285	67.23	70.62	
290	64.83	68.10	
295	62.26	65.40	
300	59.53	62.54	
305	56.67	59.54	
310	53.71	56.43	
315	50.68	53.25	
320	47.61	50.03	
325	44.55	46.81	
330	41.53	43.65	
335	38.61	40.59	
340	35.84	37.68	
345	33.26	34.98	
350	30.91	32.52	
355	28.85	30.36	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission