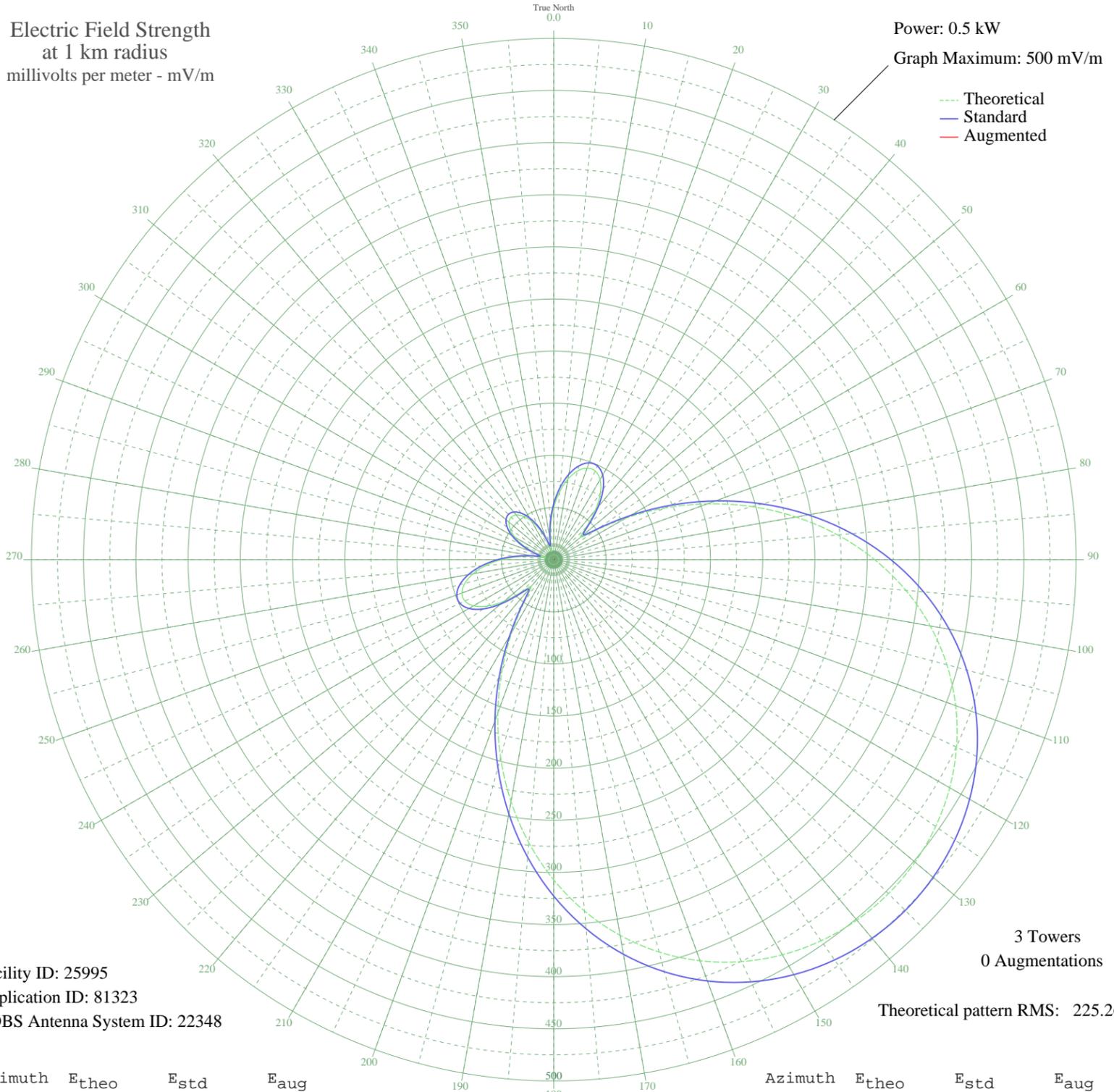


WPWC DUMFRIES-TRIANGLE, VA BL-19850827AD 1480 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 25995  
Application ID: 81323  
CDBS Antenna System ID: 22348

3 Towers  
0 Augmentations

Theoretical pattern RMS: 225.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	50.01	53.55	
5	65.40	69.46	
10	78.44	83.03	
15	88.11	93.11	
20	93.49	98.73	
25	93.83	99.08	
30	88.65	93.67	
35	77.86	82.43	
40	62.10	66.05	
45	43.94	47.31	
50	33.73	36.94	
55	48.60	52.10	
60	79.82	84.47	
65	116.98	123.28	
70	156.47	164.63	
75	196.43	206.51	
80	235.51	247.51	
85	272.69	286.52	
90	307.17	322.70	
95	338.37	355.44	
100	365.92	384.36	
105	389.63	409.25	
110	409.45	430.05	
115	425.42	446.82	
120	437.65	459.65	
125	446.27	468.70	
130	451.38	474.07	
135	453.08	475.85	
140	451.38	474.07	
145	446.27	468.70	
150	437.65	459.65	
155	425.42	446.82	
160	409.45	430.05	
165	389.63	409.25	
170	365.92	384.36	
175	338.37	355.44	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	307.17	322.70	
185	272.69	286.52	
190	235.51	247.51	
195	196.43	206.51	
200	156.47	164.63	
205	116.98	123.28	
210	79.82	84.47	
215	48.60	52.10	
220	33.73	36.94	
225	43.94	47.31	
230	62.10	66.05	
235	77.86	82.43	
240	88.65	93.67	
245	93.83	99.08	
250	93.49	98.73	
255	88.11	93.11	
260	78.44	83.03	
265	65.40	69.46	
270	50.01	53.55	
275	33.39	36.60	
280	17.01	20.72	
285	7.95	13.42	
290	18.96	22.51	
295	31.88	35.08	
300	42.76	46.11	
305	50.88	54.45	
310	55.88	59.61	
315	57.57	61.35	
320	55.88	59.61	
325	50.88	54.45	
330	42.76	46.11	
335	31.88	35.08	
340	18.96	22.51	
345	7.95	13.42	
350	17.01	20.72	
355	33.39	36.60	

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.

07 Dec 2007

Prepared by Audio Division, Media Bureau  
Federal Communications Commission