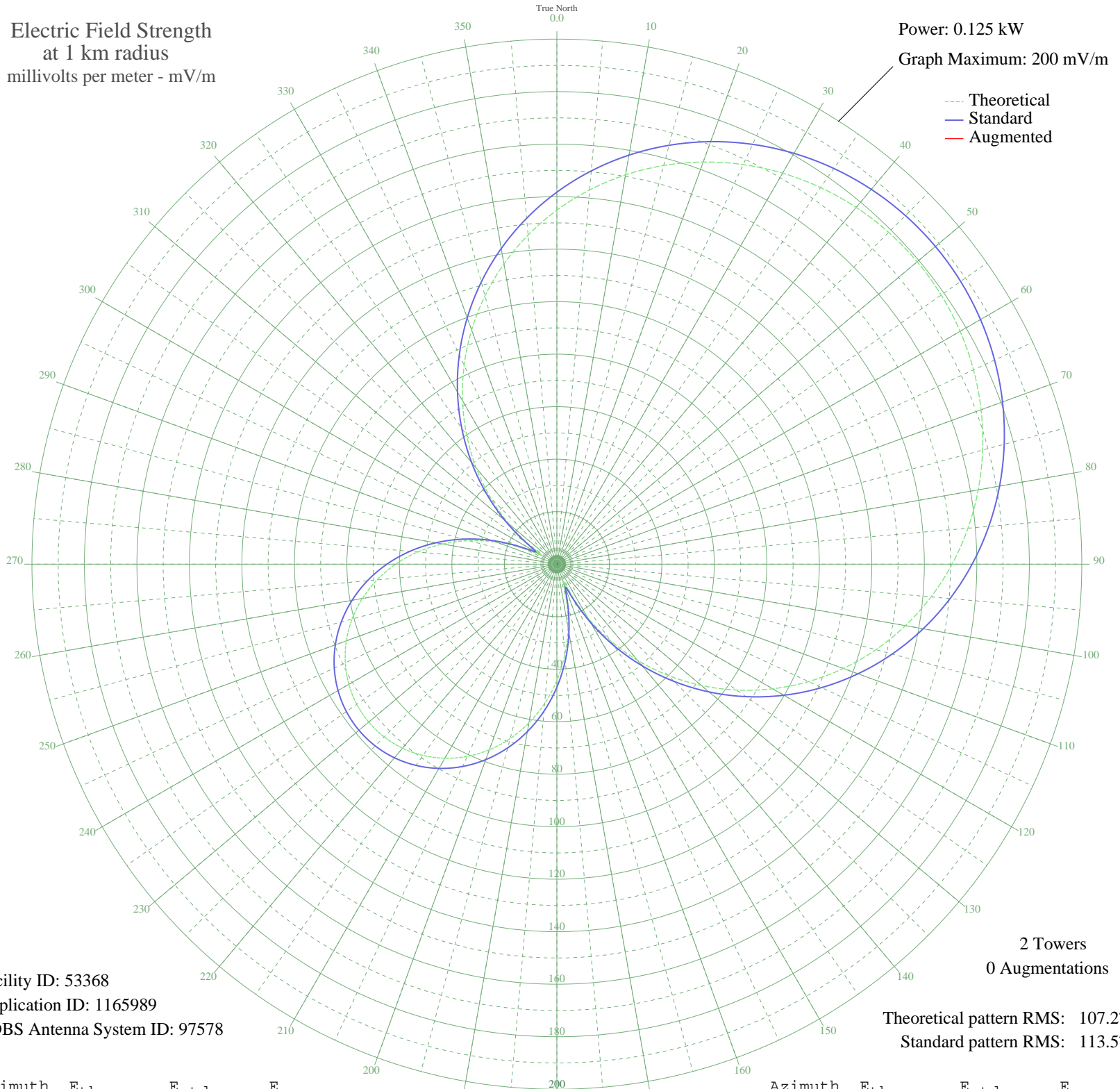


WKDL WARRENTON, VA BP-20070118ABY 1250 kHz

Nighttime

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

Power: 0.125 kW
Graph Maximum: 200 mV/m



Facility ID: 53368
Application ID: 1165989
CDBS Antenna System ID: 97578

2 Towers
0 Augmentations

Theoretical pattern RMS: 107.27
Standard pattern RMS: 113.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	134.84	141.71	
5	143.10	150.38	
10	150.57	158.21	
15	157.22	165.19	
20	163.02	171.28	
25	167.95	176.45	
30	171.99	180.69	
35	175.15	184.00	
40	177.40	186.37	
45	178.76	187.79	
50	179.21	188.27	
55	178.76	187.79	
60	177.40	186.37	
65	175.15	184.00	
70	171.99	180.69	
75	167.95	176.45	
80	163.02	171.28	
85	157.22	165.19	
90	150.57	158.21	
95	143.10	150.38	
100	134.84	141.71	
105	125.83	132.26	
110	116.14	122.09	
115	105.81	111.27	
120	94.93	99.86	
125	83.59	87.98	
130	71.88	75.71	
135	59.90	63.18	
140	47.77	50.52	
145	35.64	37.91	
150	23.72	25.63	
155	12.58	14.53	
160	6.75	9.32	
165	14.24	16.13	
170	24.49	26.42	
175	34.64	36.87	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	44.26	46.87	
185	53.22	56.20	
190	61.41	64.76	
195	68.77	72.46	
200	75.24	79.23	
205	80.78	85.03	
210	85.35	89.82	
215	88.94	93.58	
220	91.51	96.27	
225	93.06	97.90	
230	93.57	98.44	
235	93.06	97.90	
240	91.51	96.27	
245	88.94	93.58	
250	85.35	89.82	
255	80.78	85.03	
260	75.24	79.23	
265	68.77	72.46	
270	61.41	64.76	
275	53.22	56.20	
280	44.26	46.87	
285	34.64	36.87	
290	24.49	26.42	
295	14.24	16.13	
300	6.75	9.32	
305	12.58	14.53	
310	23.72	25.63	
315	35.64	37.91	
320	47.77	50.52	
325	59.90	63.18	
330	71.88	75.71	
335	83.59	87.98	
340	94.93	99.86	
345	105.81	111.27	
350	116.14	122.09	
355	125.83	132.26	

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