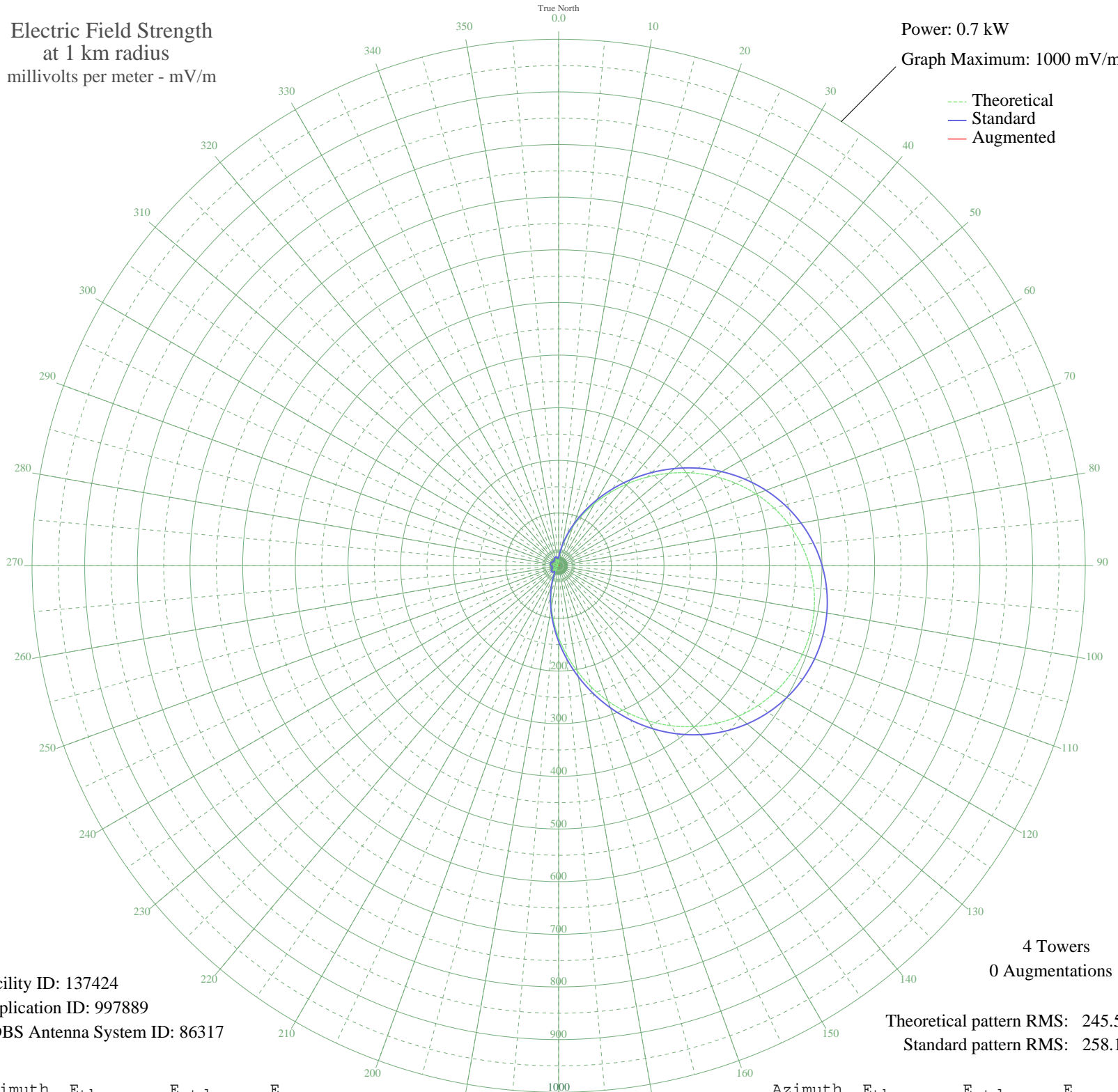


# WR2XJR PORTSMOUTH, VA BLEX-20040526ATF 670 kHz

Nighttime

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

Power: 0.7 kW  
Graph Maximum: 1000 mV/m



Facility ID: 137424  
Application ID: 997889  
CDBS Antenna System ID: 86317

Theoretical pattern RMS: 245.50  
Standard pattern RMS: 258.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	8.51	15.09	
5	19.88	24.16	
10	35.73	39.44	
15	55.59	59.63	
20	79.25	84.10	
25	106.39	112.37	
30	136.52	143.86	
35	169.03	177.90	
40	203.18	213.69	
45	238.18	250.39	
50	273.20	287.12	
55	307.46	323.06	
60	340.21	357.43	
65	370.81	389.54	
70	398.73	418.84	
75	423.53	444.88	
80	444.90	467.30	
85	462.59	485.87	
90	476.47	500.44	
95	486.43	510.89	
100	492.42	517.19	
105	494.42	519.29	
110	492.42	517.19	
115	486.43	510.89	
120	476.47	500.44	
125	462.59	485.87	
130	444.90	467.30	
135	423.53	444.88	
140	398.73	418.84	
145	370.81	389.54	
150	340.21	357.43	
155	307.46	323.06	
160	273.21	287.12	
165	238.18	250.39	
170	203.18	213.69	
175	169.03	177.90	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	136.52	143.86	
185	106.39	112.37	
190	79.25	84.10	
195	55.60	59.63	
200	35.73	39.44	
205	19.88	24.16	
210	8.51	15.09	
215	5.44	13.44	
220	9.22	15.54	
225	11.82	17.38	
230	12.51	17.90	
235	11.61	17.22	
240	9.57	15.78	
245	6.81	14.11	
250	3.72	12.77	
255	0.85	12.19	
260	2.64	12.47	
265	5.25	13.35	
270	7.40	14.43	
275	9.00	15.40	
280	9.99	16.06	
285	10.32	16.29	
290	9.99	16.06	
295	9.00	15.40	
300	7.40	14.43	
305	5.25	13.35	
310	2.64	12.47	
315	0.85	12.19	
320	3.72	12.77	
325	6.81	14.11	
330	9.57	15.78	
335	11.61	17.22	
340	12.51	17.90	
345	11.82	17.38	
350	9.22	15.54	
355	5.44	13.44	

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