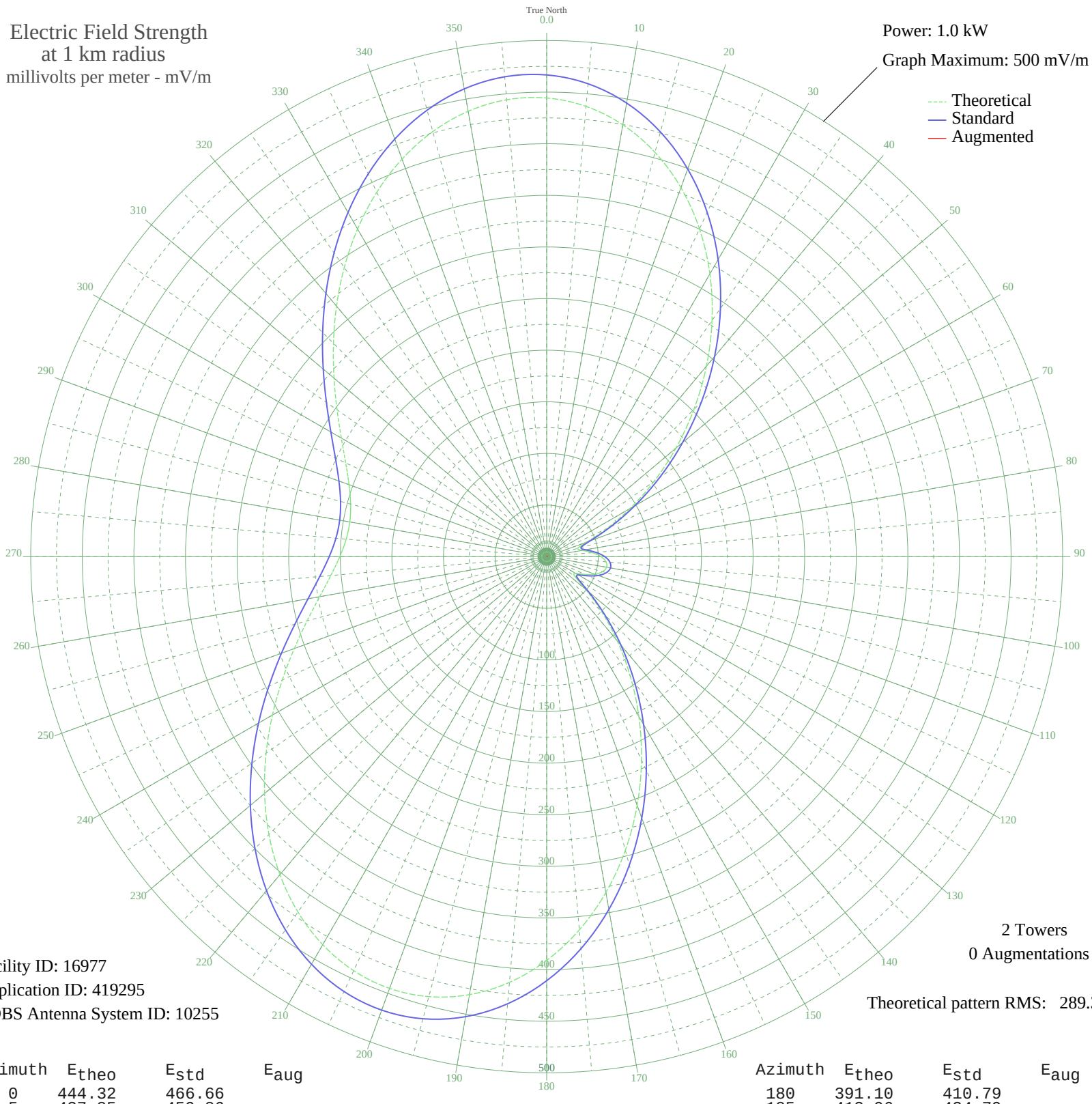
WDIS NORFOLK, MA BL-19790119AE 1170 kHz

Daytime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 16977
Application ID: 419295
CDBS Antenna System ID: 10255

Theoretical pattern RMS: 289.36

Azimuth	E_{theo}	E_{std}	E_{aug}
0	444.32	466.66	
5	437.85	459.86	
10	424.83	446.19	
15	405.51	425.91	
20	380.42	399.58	
25	350.37	368.04	
30	316.32	332.30	
35	279.41	293.57	
40	240.83	253.09	
45	201.78	212.13	
50	163.44	171.93	
55	126.92	133.67	
60	93.35	98.57	
65	64.10	68.12	
70	41.62	44.94	
75	31.15	34.35	
80	35.01	38.23	
85	44.38	47.77	
90	52.67	56.30	
95	57.75	61.54	
100	58.95	62.78	
105	56.16	59.90	
110	49.68	53.21	
115	40.54	43.84	
120	32.21	35.41	
125	33.47	36.68	
130	49.54	53.06	
135	75.16	79.62	
140	106.34	112.15	
145	141.23	148.67	
150	178.62	187.84	
155	217.38	228.49	
160	256.39	269.41	
165	294.44	309.35	
170	330.35	347.03	
175	362.93	381.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	391.10	410.79	
185	413.96	434.79	
190	430.81	452.48	
195	441.23	463.41	
200	445.08	467.45	
205	442.53	464.77	
210	434.02	455.84	
215	420.25	441.38	
220	402.10	422.33	
225	380.60	399.77	
230	356.83	374.82	
235	331.91	348.66	
240	306.88	322.39	
245	282.71	297.04	
250	260.28	273.50	
255	240.31	252.55	
260	223.40	234.81	
265	210.01	220.76	
270	200.47	210.75	
275	195.00	205.02	
280	193.73	203.69	
285	196.69	206.79	
290	203.80	214.25	
295	214.92	225.91	
300	229.77	241.48	
305	247.96	260.57	
310	269.00	282.64	
315	292.22	307.01	
320	316.84	332.84	
325	341.95	359.20	
330	366.54	385.01	
335	389.53	409.14	
340	409.82	430.44	
345	426.33	447.77	
350	438.10	460.12	
355	444.29	466.63	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission