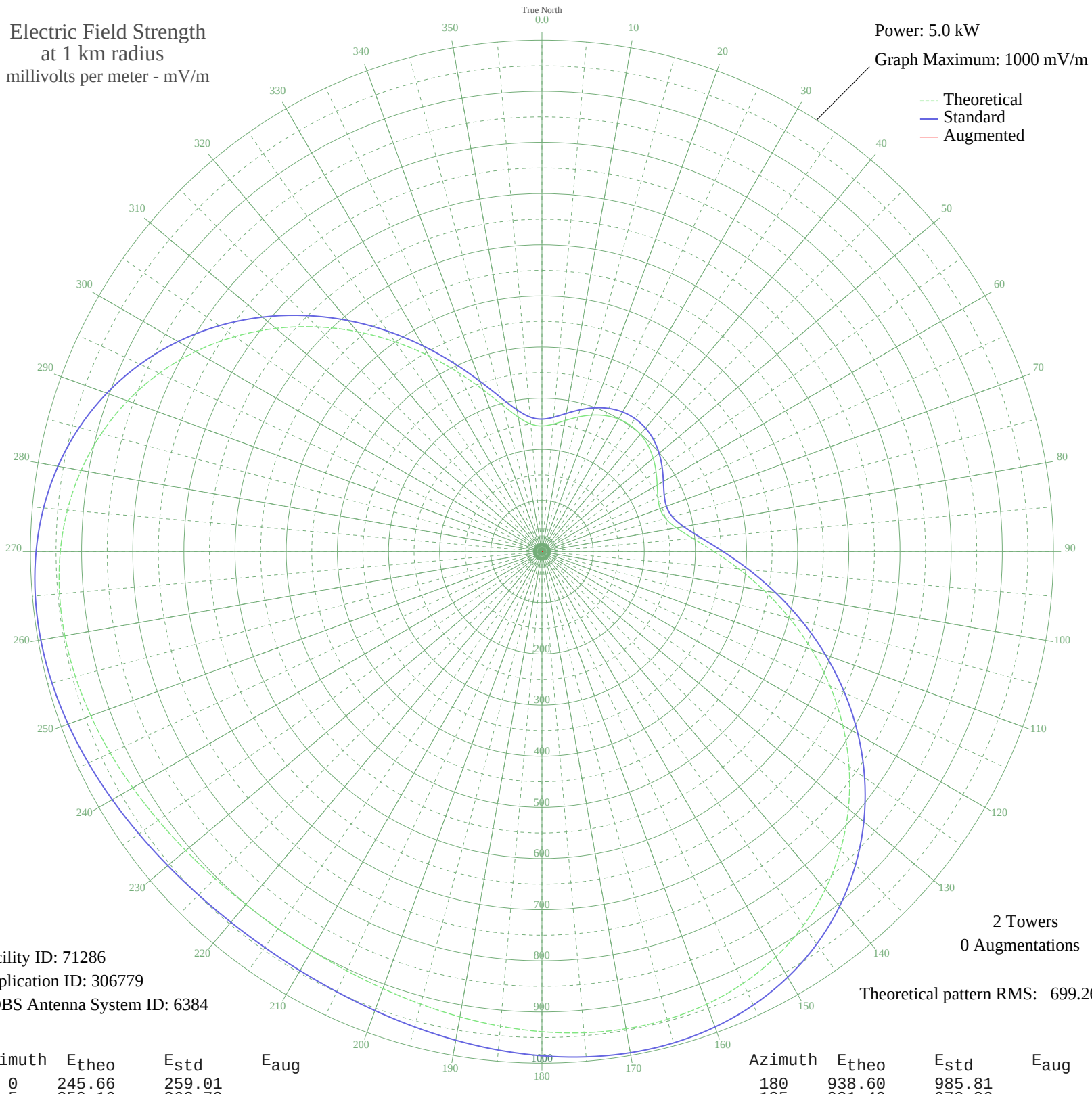
WVXX NORFOLK, VA BL-- 1050 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 71286
Application ID: 306779
CDBS Antenna System ID: 6384

Theoretical pattern RMS: 699.26

Azimuth	E_{theo}	E_{std}	E_{aug}
0	245.66	259.01	
5	250.16	263.72	
10	260.20	274.22	
15	272.34	286.92	
20	283.97	299.09	
25	293.33	308.89	
30	299.33	315.17	
35	301.39	317.33	
40	299.33	315.17	
45	293.33	308.89	
50	283.97	299.09	
55	272.34	286.92	
60	260.20	274.22	
65	250.16	263.72	
70	245.66	259.01	
75	250.39	263.96	
80	267.06	281.39	
85	296.32	312.02	
90	336.83	354.45	
95	386.15	406.13	
100	441.62	464.30	
105	500.76	526.32	
110	561.31	589.84	
115	621.32	652.80	
120	679.05	713.39	
125	733.04	770.05	
130	782.08	821.52	
135	825.25	866.83	
140	861.92	905.32	
145	891.79	936.67	
150	914.83	960.85	
155	931.29	978.14	
160	941.69	989.05	
165	946.72	994.34	
170	947.25	994.89	
175	944.21	991.70	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	938.60	985.81	
185	931.40	978.26	
190	923.56	970.02	
195	915.90	961.98	
200	909.16	954.91	
205	903.92	949.40	
210	900.60	945.92	
215	899.46	944.73	
220	900.60	945.92	
225	903.92	949.40	
230	909.16	954.91	
235	915.90	961.98	
240	923.56	970.02	
245	931.40	978.26	
250	938.60	985.81	
255	944.21	991.70	
260	947.25	994.89	
265	946.72	994.34	
270	941.69	989.05	
275	931.29	978.14	
280	914.83	960.85	
285	891.79	936.67	
290	861.92	905.32	
295	825.25	866.83	
300	782.08	821.52	
305	733.04	770.05	
310	679.05	713.39	
315	621.31	652.80	
320	561.31	589.84	
325	500.76	526.32	
330	441.62	464.30	
335	386.15	406.13	
340	336.83	354.45	
345	296.32	312.02	
350	267.06	281.39	
355	250.39	263.96	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission