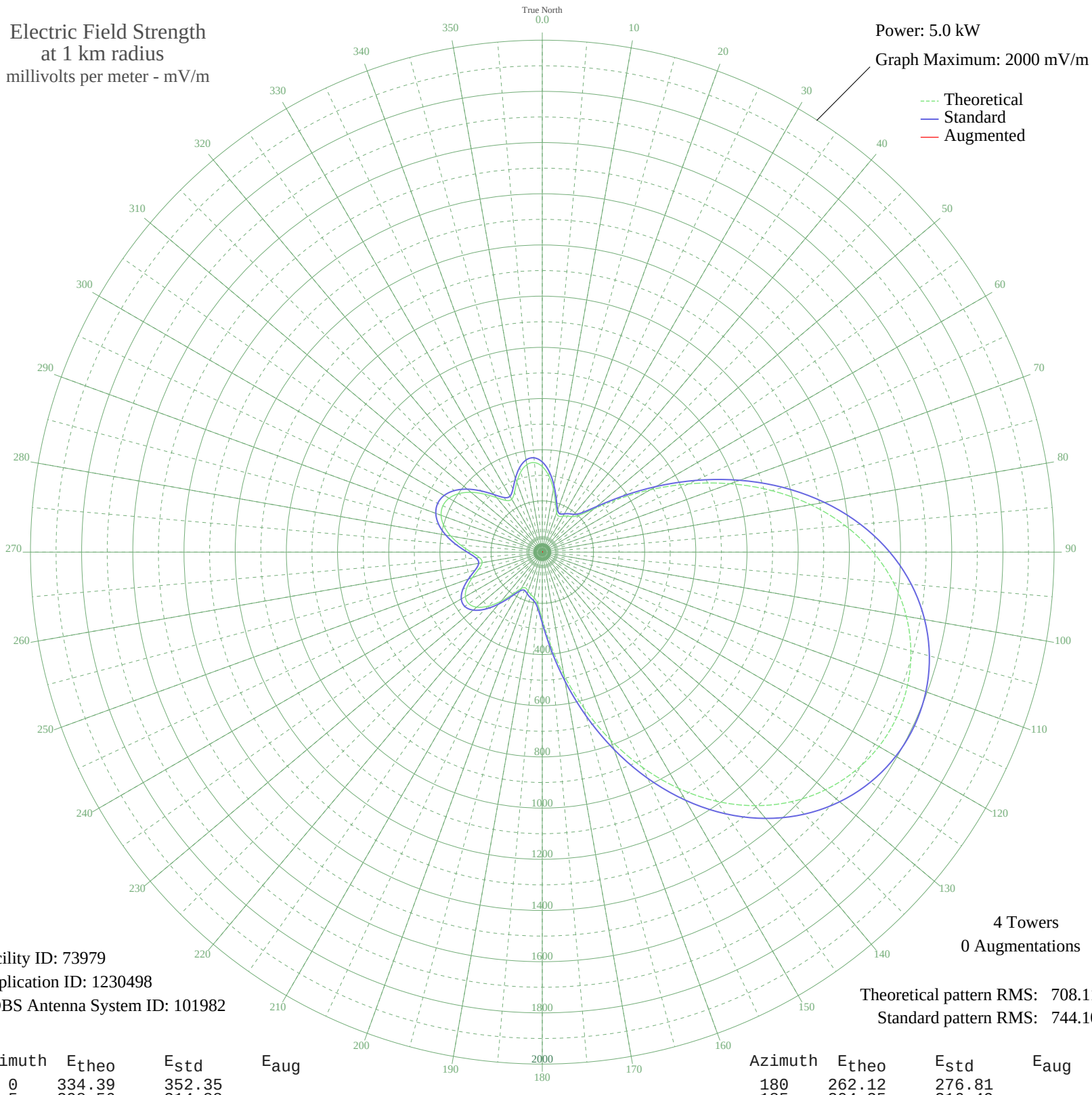
WSBA YORK, PA BP-20071101AAZ 910 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 73979
Application ID: 1230498
CDBS Antenna System ID: 101982

Theoretical pattern RMS: 708.11
Standard pattern RMS: 744.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	334.39	352.35	
5	298.56	314.88	
10	249.99	264.15	
15	200.07	212.14	
20	164.44	175.17	
25	154.23	164.62	
30	161.98	172.62	
35	172.01	183.01	
40	181.15	192.49	
45	204.25	216.49	
50	262.12	276.81	
55	359.61	378.74	
60	486.77	511.96	
65	630.98	663.19	
70	781.18	820.77	
75	928.35	975.22	
80	1065.62	1119.29	
85	1188.16	1247.92	
90	1292.98	1357.95	
95	1378.59	1447.82	
100	1444.59	1517.10	
105	1491.19	1566.03	
110	1518.87	1595.09	
115	1528.05	1604.72	
120	1518.87	1595.09	
125	1491.19	1566.03	
130	1444.59	1517.10	
135	1378.59	1447.82	
140	1292.98	1357.95	
145	1188.16	1247.92	
150	1065.62	1119.29	
155	928.35	975.22	
160	781.18	820.77	
165	630.98	663.19	
170	486.77	511.96	
175	359.61	378.74	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	262.12	276.81	
185	204.25	216.49	
190	181.15	192.49	
195	172.01	183.01	
200	161.98	172.62	
205	154.23	164.62	
210	164.44	175.17	
215	200.07	212.14	
220	249.99	264.15	
225	298.56	314.88	
230	334.39	352.35	
235	351.11	369.85	
240	346.97	365.51	
245	324.56	342.06	
250	290.79	306.76	
255	257.16	271.63	
260	238.61	252.28	
265	246.31	260.31	
270	277.76	293.15	
275	320.68	338.01	
280	363.42	382.73	
285	398.27	419.22	
290	420.73	442.75	
295	428.45	450.85	
300	420.73	442.75	
305	398.27	419.22	
310	363.41	382.73	
315	320.68	338.01	
320	277.76	293.15	
325	246.31	260.31	
330	238.61	252.28	
335	257.16	271.63	
340	290.79	306.76	
345	324.56	342.06	
350	346.97	365.51	
355	351.11	369.85	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission