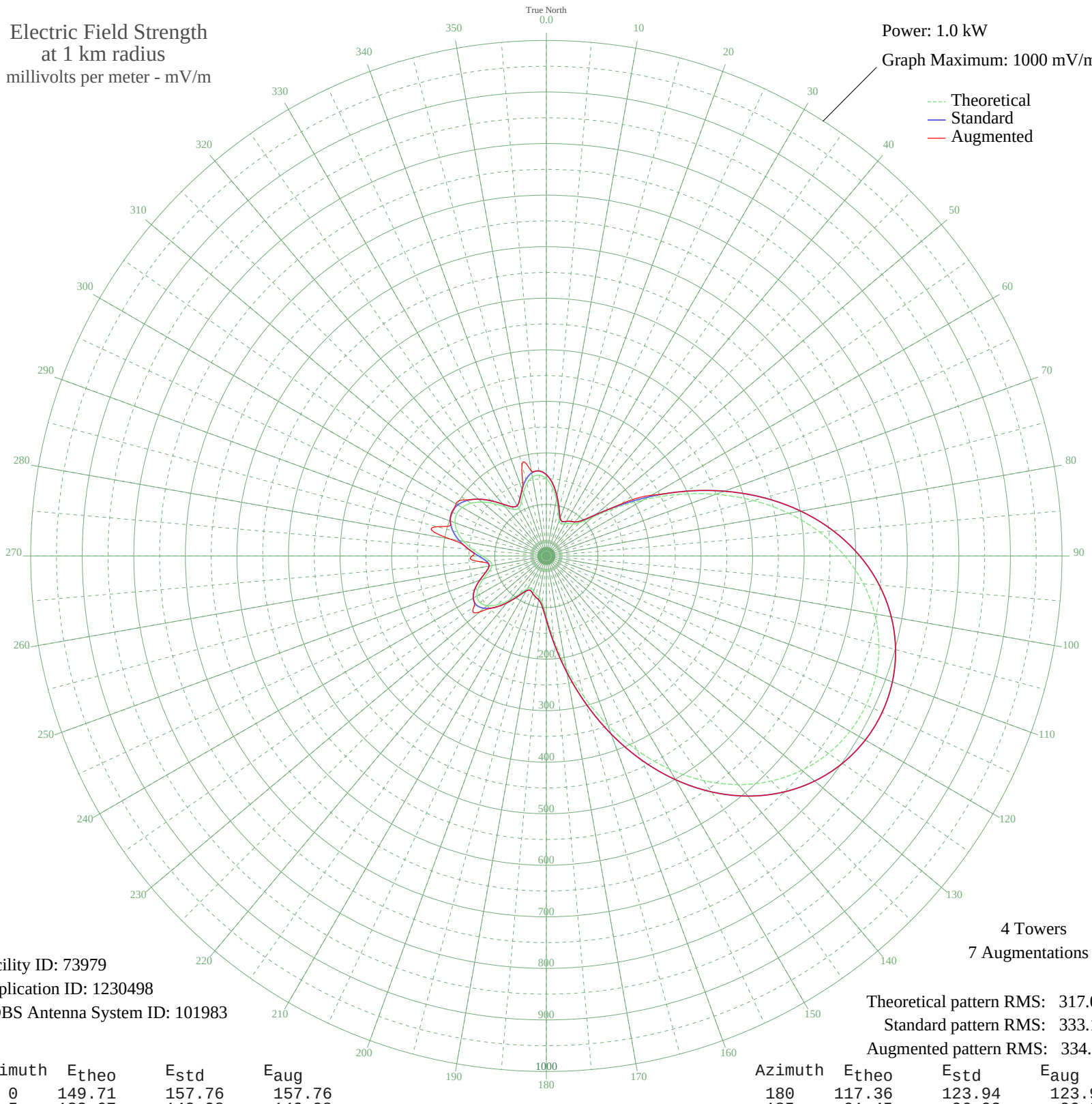
WSBA YORK, PA BP-20071101AAZ 910 kHz

Nighttime



Facility ID: 73979
Application ID: 1230498
CDBS Antenna System ID: 101983

4 Towers
7 Augmentations

Theoretical pattern RMS: 317.04
Standard pattern RMS: 333.15
Augmented pattern RMS: 334.19

Azimuth	E_{theo}	E_{std}	E_{aug}
0	149.71	157.76	157.76
5	133.67	140.98	140.98
10	111.93	118.27	118.27
15	89.58	94.98	94.98
20	73.62	78.43	78.43
25	69.05	73.71	73.72
30	72.52	77.29	77.74
35	77.01	81.94	81.94
40	81.11	86.18	86.18
45	91.45	96.93	96.93
50	117.36	123.94	123.94
55	161.01	169.57	174.19
60	217.94	229.22	235.69
65	282.51	296.93	296.93
70	349.75	367.48	367.48
75	415.65	436.63	436.63
80	477.11	501.14	501.14
85	531.97	558.73	558.73
90	578.90	607.99	607.99
95	617.23	648.23	648.23
100	646.78	679.25	679.25
105	667.65	701.15	701.15
110	680.04	714.17	714.17
115	684.15	718.48	718.48
120	680.04	714.17	714.17
125	667.65	701.15	701.15
130	646.78	679.25	679.25
135	617.23	648.23	648.23
140	578.90	607.99	607.99
145	531.97	558.73	558.73
150	477.11	501.14	501.14
155	415.65	436.63	436.63
160	349.75	367.48	367.48
165	282.51	296.93	296.93
170	217.94	229.22	229.22
175	161.01	169.57	169.57

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	117.36	123.94	123.94
185	91.45	96.93	96.93
190	81.11	86.18	86.18
195	77.01	81.94	81.94
200	72.52	77.29	77.29
205	69.05	73.71	73.71
210	73.62	78.43	78.43
215	89.58	94.98	94.98
220	111.93	118.27	118.27
225	133.67	140.98	140.98
230	149.71	157.76	169.17
235	157.20	165.59	171.43
240	155.35	163.65	163.65
245	145.31	153.15	153.15
250	130.19	137.34	137.34
255	115.14	121.62	121.62
260	106.83	112.95	112.95
265	110.28	116.55	128.85
270	124.36	131.25	143.70
275	143.58	151.34	151.34
280	162.71	171.36	190.20
285	178.32	187.70	219.41
290	188.37	198.23	198.23
295	191.83	201.86	201.86
300	188.37	198.23	202.35
305	178.31	187.70	190.00
310	162.71	171.36	171.36
315	143.58	151.34	151.34
320	124.36	131.25	131.25
325	110.28	116.55	116.55
330	106.83	112.95	112.95
335	115.14	121.62	121.62
340	130.19	137.34	137.34
345	145.31	153.15	182.78
350	155.35	163.65	166.83
355	157.20	165.59	165.59