

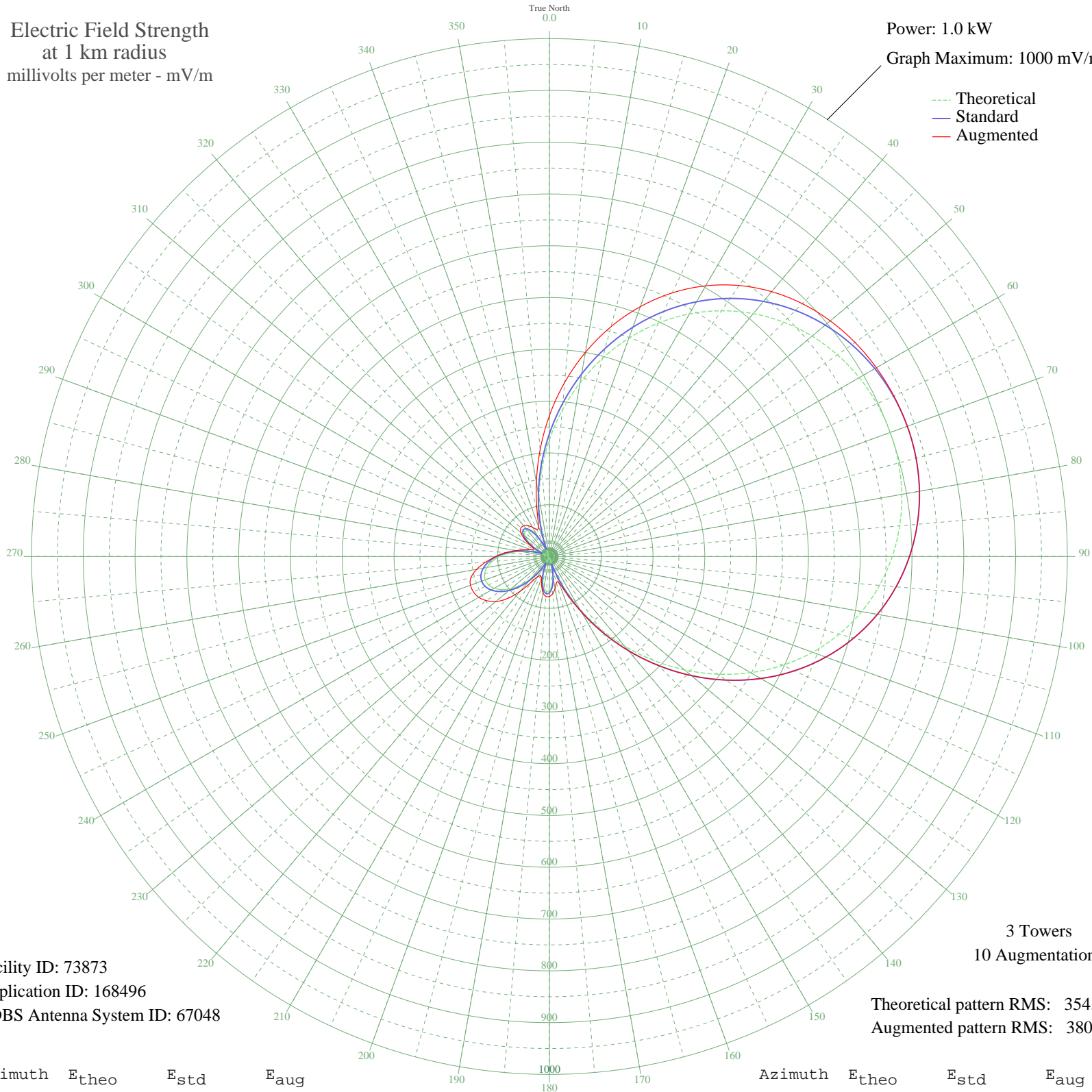
WOYK YORK, PA BL-19920109AB 1350 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 73873
Application ID: 168496
CDBS Antenna System ID: 67048

3 Towers
10 Augmentations

Theoretical pattern RMS: 354.06
Augmented pattern RMS: 380.99

Azimuth	E _{theo}	E _{std}	E _{aug}
0	225.46	237.15	271.99
5	283.08	297.57	337.26
10	340.42	357.72	400.20
15	395.99	416.03	459.34
20	448.52	471.15	513.44
25	497.00	522.04	561.66
30	540.72	567.93	603.47
35	579.20	608.33	638.73
40	612.24	643.01	667.58
45	639.79	671.92	690.42
50	661.94	695.18	707.83
55	678.88	712.96	720.45
60	690.80	725.48	728.93
65	697.87	732.90	733.78
70	700.21	735.36	735.36
75	697.87	732.90	732.90
80	690.80	725.48	725.48
85	678.88	712.96	712.96
90	661.94	695.18	695.18
95	639.79	671.92	671.92
100	612.24	643.01	643.01
105	579.20	608.33	608.33
110	540.72	567.93	567.93
115	497.00	522.04	522.04
120	448.52	471.15	471.15
125	395.99	416.03	416.03
130	340.42	357.72	357.72
135	283.08	297.57	297.57
140	225.46	237.15	237.15
145	169.18	178.20	178.20
150	115.94	122.56	124.00
155	67.37	72.14	80.09
160	24.93	29.75	54.33
165	10.19	17.73	52.30
170	37.16	41.50	62.50
175	55.56	60.03	72.22

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	65.40	70.11	77.18
185	67.09	71.85	77.25
190	61.45	66.05	71.06
195	49.54	53.90	57.81
200	32.67	37.10	45.38
205	12.23	19.10	41.14
210	10.34	17.82	44.70
215	33.66	38.06	59.44
220	56.45	60.94	87.31
225	77.60	82.70	114.76
230	96.16	101.96	135.19
235	111.37	117.79	148.50
240	122.63	129.54	157.48
245	129.55	136.76	161.87
250	131.88	139.20	162.15
255	129.55	136.76	156.74
260	122.63	129.54	142.55
265	111.37	117.79	123.27
270	96.16	101.96	104.00
275	77.60	82.70	84.76
280	56.45	60.94	65.58
285	33.66	38.06	50.09
290	10.34	17.82	38.79
295	12.23	19.10	33.44
300	32.67	37.10	41.78
305	49.54	53.90	58.62
310	61.45	66.05	71.96
315	67.09	71.85	78.05
320	65.40	70.11	77.44
325	55.56	60.03	72.97
330	37.16	41.50	65.06
335	10.19	17.73	57.69
340	24.93	29.75	61.61
345	67.37	72.14	92.68
350	115.94	122.56	144.96
355	169.18	178.20	206.50