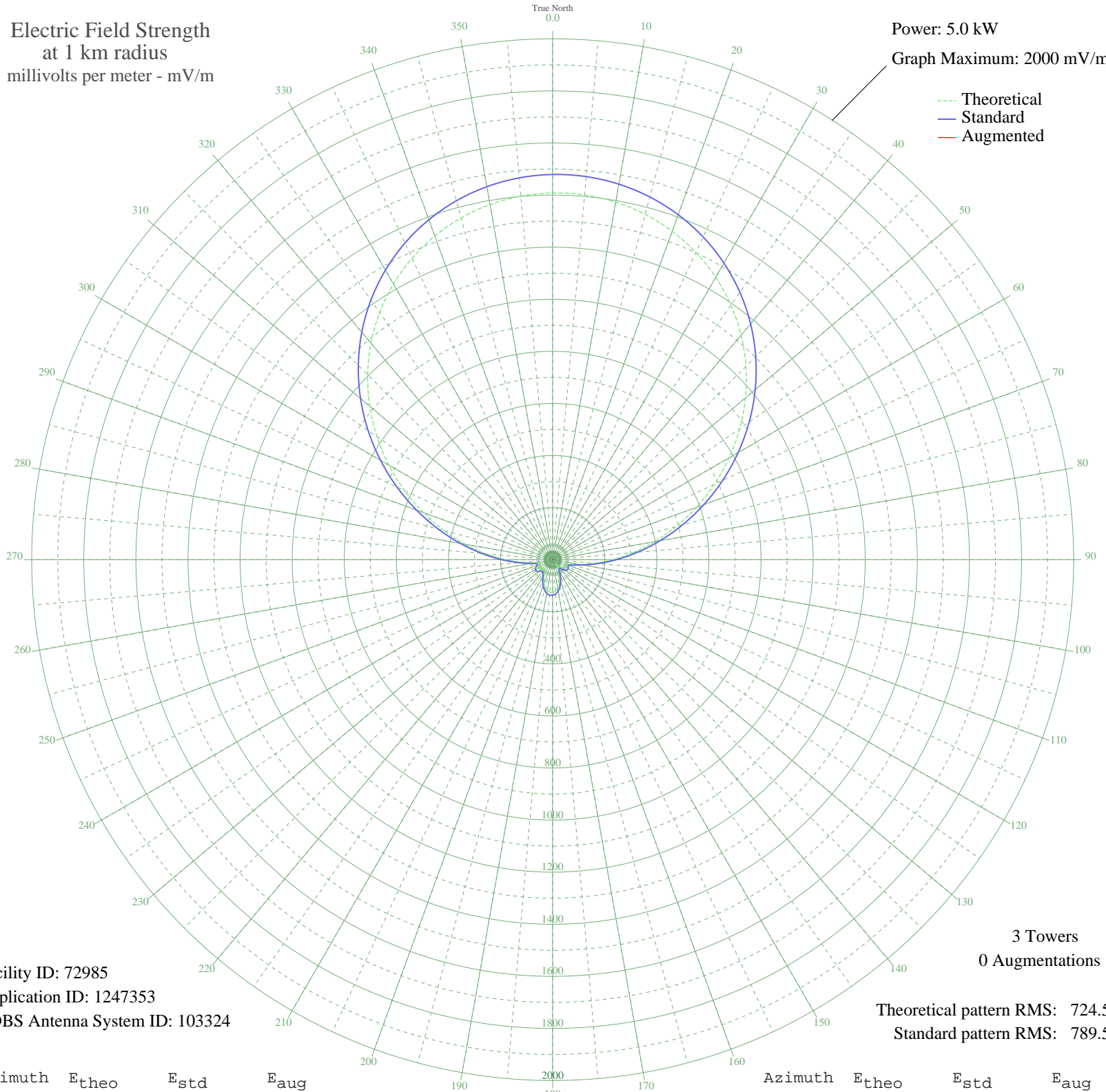


WIOO CARLISLE, PA BP-20040809AAO 1010 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 72985
Application ID: 1247353
CDBS Antenna System ID: 103324

3 Towers
0 Augmentations

Theoretical pattern RMS: 724.50
Standard pattern RMS: 789.57

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1408.21	1479.04	
5	1405.80	1476.51	
10	1393.94	1464.07	
15	1372.63	1441.70	
20	1341.84	1409.38	
25	1301.59	1367.13	
30	1251.94	1315.02	
35	1193.09	1253.25	
40	1125.40	1182.20	
45	1049.46	1102.51	
50	966.15	1015.08	
55	876.64	921.16	
60	782.40	822.29	
65	685.23	720.37	
70	587.15	617.53	
75	490.36	516.11	
80	397.19	418.57	
85	309.95	327.39	
90	230.92	245.06	
95	162.35	174.14	
100	106.81	117.66	
105	68.19	79.94	
110	51.60	64.81	
115	52.70	65.79	
120	56.89	69.53	
125	56.32	69.01	
130	49.42	62.92	
135	37.24	52.86	
140	23.42	43.24	
145	20.88	41.79	
150	36.88	52.58	
155	57.88	70.42	
160	78.51	89.78	
165	96.70	107.58	
170	111.18	122.04	
175	121.11	132.05	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	125.98	136.98	
185	125.60	136.59	
190	120.09	131.02	
195	109.95	120.80	
200	96.05	106.94	
205	79.82	91.04	
210	63.48	75.55	
215	50.67	64.00	
220	45.92	59.91	
225	49.95	63.37	
230	57.59	70.16	
235	63.45	75.52	
240	64.30	76.32	
245	58.97	71.41	
250	49.78	63.23	
255	48.79	62.37	
260	73.20	84.69	
265	120.28	131.21	
270	182.78	195.19	
275	257.15	272.34	
280	341.00	359.81	
285	432.11	455.10	
290	528.18	555.73	
295	626.88	659.19	
300	725.91	763.04	
305	823.08	864.97	
310	916.43	962.91	
315	1004.25	1055.06	
320	1085.16	1139.97	
325	1158.08	1216.51	
330	1222.26	1283.87	
335	1277.20	1341.53	
340	1322.62	1389.21	
345	1358.42	1426.78	
350	1384.57	1454.24	
355	1401.15	1471.63	

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