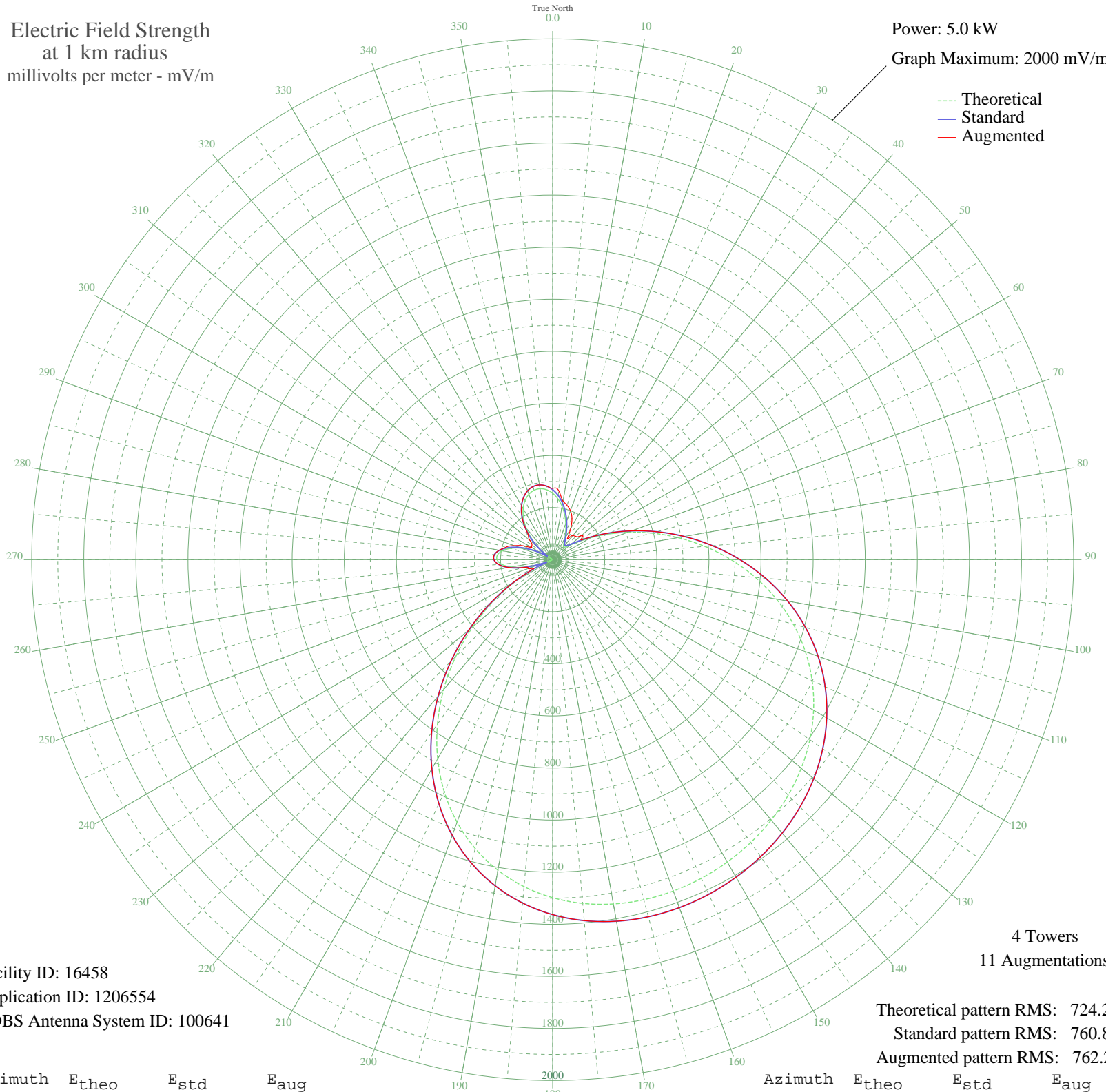


WDEL WILMINGTON, DE BP-20071002ACC 1150 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 16458
Application ID: 1206554
CDBS Antenna System ID: 100641

4 Towers
11 Augmentations

Theoretical pattern RMS: 724.20
Standard pattern RMS: 760.80
Augmented pattern RMS: 762.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	255.00	268.78	273.63
5	234.10	246.92	266.30
10	207.98	219.64	228.53
15	178.38	188.76	215.25
20	147.46	156.60	199.98
25	117.78	125.88	175.28
30	92.17	99.58	138.83
35	73.56	80.72	97.79
40	64.77	71.95	122.31
45	68.29	75.45	126.43
50	86.02	93.32	143.28
55	119.06	127.20	131.68
60	167.60	177.54	177.54
65	230.85	243.53	243.53
70	307.09	323.30	323.30
75	393.80	414.15	414.15
80	487.90	512.83	512.83
85	586.04	615.79	615.79
90	684.83	719.46	719.46
95	781.19	820.59	820.59
100	872.48	916.40	916.40
105	956.68	1004.79	1004.79
110	1032.47	1084.34	1084.34
115	1099.16	1154.35	1154.35
120	1156.66	1214.72	1214.72
125	1205.32	1265.80	1265.80
130	1245.78	1308.28	1308.28
135	1278.84	1342.99	1342.99
140	1305.28	1370.75	1370.75
145	1325.76	1392.24	1392.24
150	1340.68	1407.91	1407.91
155	1350.17	1417.87	1417.87
160	1354.03	1421.92	1421.92
165	1351.70	1419.48	1419.48
170	1342.33	1409.64	1409.64
175	1324.81	1391.25	1391.25

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1297.89	1362.99	1362.99
185	1260.28	1323.50	1323.50
190	1210.76	1271.52	1271.52
195	1148.44	1206.09	1206.09
200	1072.82	1126.71	1126.71
205	984.02	1033.49	1033.49
210	882.89	927.33	927.33
215	771.07	809.97	809.97
220	651.04	684.00	684.00
225	526.02	552.82	552.82
230	399.81	420.46	420.46
235	276.58	291.35	291.35
240	160.54	170.19	170.19
245	55.66	62.98	78.42
250	34.65	43.30	100.11
255	107.79	115.59	115.59
260	162.17	171.89	171.89
265	197.24	208.43	208.43
270	213.51	225.41	225.41
275	212.39	224.24	224.24
280	196.03	207.17	208.63
285	167.07	176.99	185.48
290	128.41	136.86	157.02
295	82.99	90.25	127.14
300	33.63	42.41	93.22
305	17.13	29.58	96.81
310	67.07	74.23	112.68
315	114.32	122.31	132.05
320	157.36	166.89	166.89
325	194.99	206.09	206.09
330	226.26	238.73	238.73
335	250.46	264.03	264.03
340	267.07	281.40	281.40
345	275.78	290.52	290.52
350	276.51	291.29	291.29
355	269.43	283.87	283.87