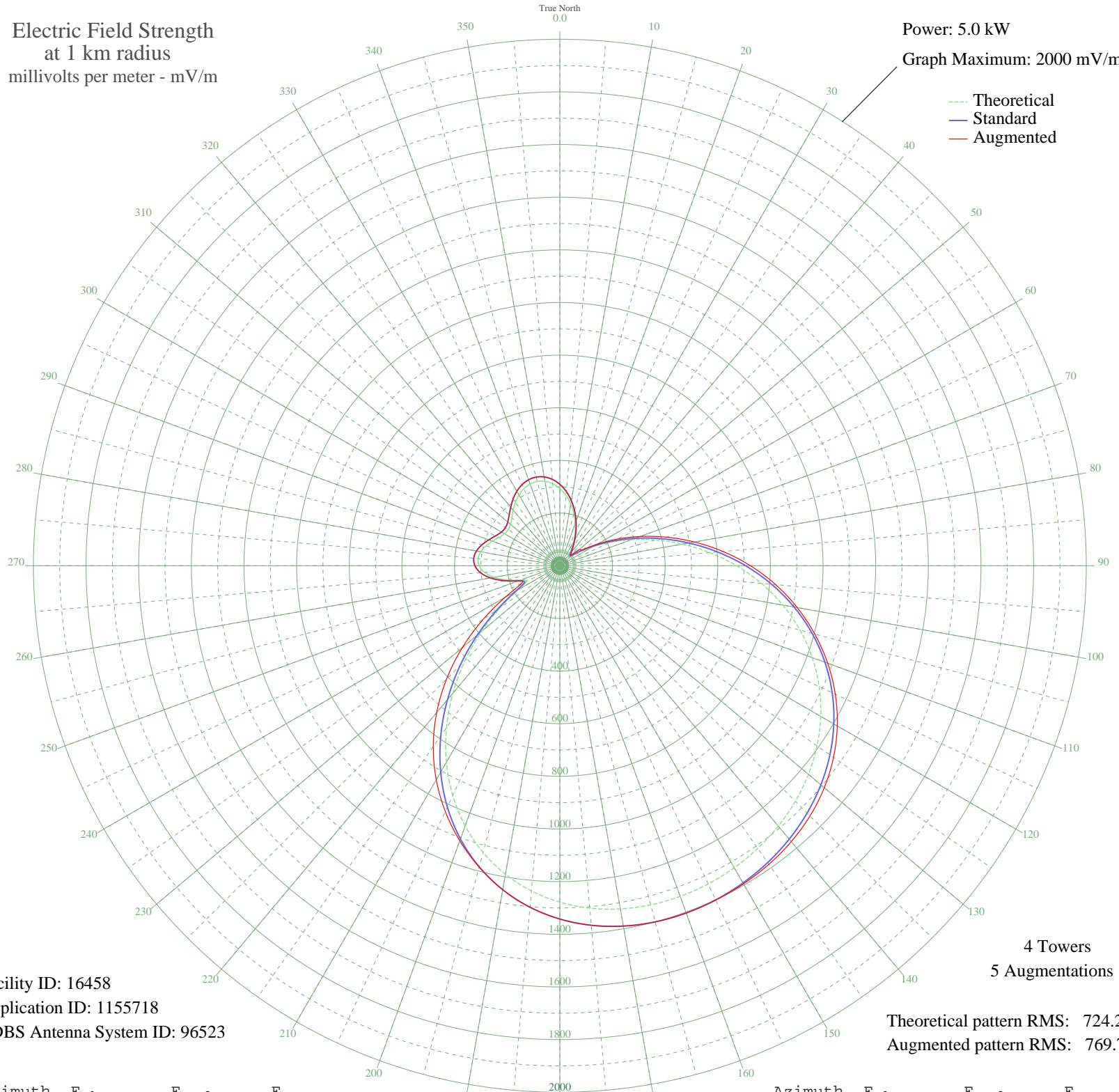


WDEL WILMINGTON, DE BML-20061012ADA 1150 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 16458
Application ID: 1155718
CDBS Antenna System ID: 96523

Theoretical pattern RMS: 724.20
Augmented pattern RMS: 769.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	293.52	309.09	309.09
5	268.29	282.68	282.68
10	238.22	251.23	251.23
15	204.85	216.37	216.37
20	170.08	180.12	180.12
25	135.98	144.69	144.69
30	104.49	112.20	112.30
35	77.16	84.35	87.87
40	55.56	62.88	70.81
45	45.11	52.86	58.31
50	37.34	44.62	50.57
55	31.44	38.87	44.24
60	26.44	33.47	38.94
65	22.11	28.43	33.80
70	18.18	23.54	28.69
75	14.62	19.19	23.11
80	11.34	15.25	18.25
85	8.21	11.72	13.99
90	5.21	8.72	10.20
95	3.34	6.43	7.99
100	2.56	5.04	6.33
105	1.87	3.92	4.97
110	1.31	3.05	3.89
115	0.94	2.38	3.02
120	0.71	1.91	2.37
125	0.56	1.55	1.89
130	0.44	1.28	1.52
135	0.35	1.07	1.24
140	0.28	0.89	1.02
145	0.23	0.75	0.85
150	0.19	0.63	0.72
155	0.16	0.54	0.62
160	0.14	0.47	0.54
165	0.12	0.41	0.47
170	0.11	0.36	0.41
175	0.10	0.32	0.36

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1278.03	1342.13	1342.13
185	1239.92	1302.12	1302.12
190	1190.00	1249.72	1249.72
195	1127.38	1183.98	1184.99
200	1051.60	1104.42	1111.70
205	962.82	1011.23	1029.92
210	861.97	905.37	938.99
215	750.84	788.74	838.27
220	632.19	664.22	727.73
225	509.75	535.76	608.42
230	388.50	408.60	483.02
235	275.47	290.19	356.69
240	183.31	193.90	240.08
245	138.74	147.56	161.26
250	105.06	112.66	118.66
255	77.53	84.17	88.17
260	55.62	62.33	67.33
265	39.40	44.68	49.68
270	28.56	32.75	36.75
275	21.82	25.25	28.25
280	16.50	19.63	21.63
285	12.04	14.49	16.49
290	8.70	10.79	12.79
295	6.17	7.96	9.96
300	4.29	5.62	7.22
305	2.96	3.83	5.03
310	2.14	2.83	3.73
315	1.61	2.10	2.80
320	1.15	1.55	2.07
325	0.83	1.13	1.55
330	0.61	0.84	1.13
335	0.47	0.63	0.84
340	0.35	0.47	0.63
345	0.26	0.35	0.47
350	0.19	0.26	0.35
355	0.14	0.19	0.26

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