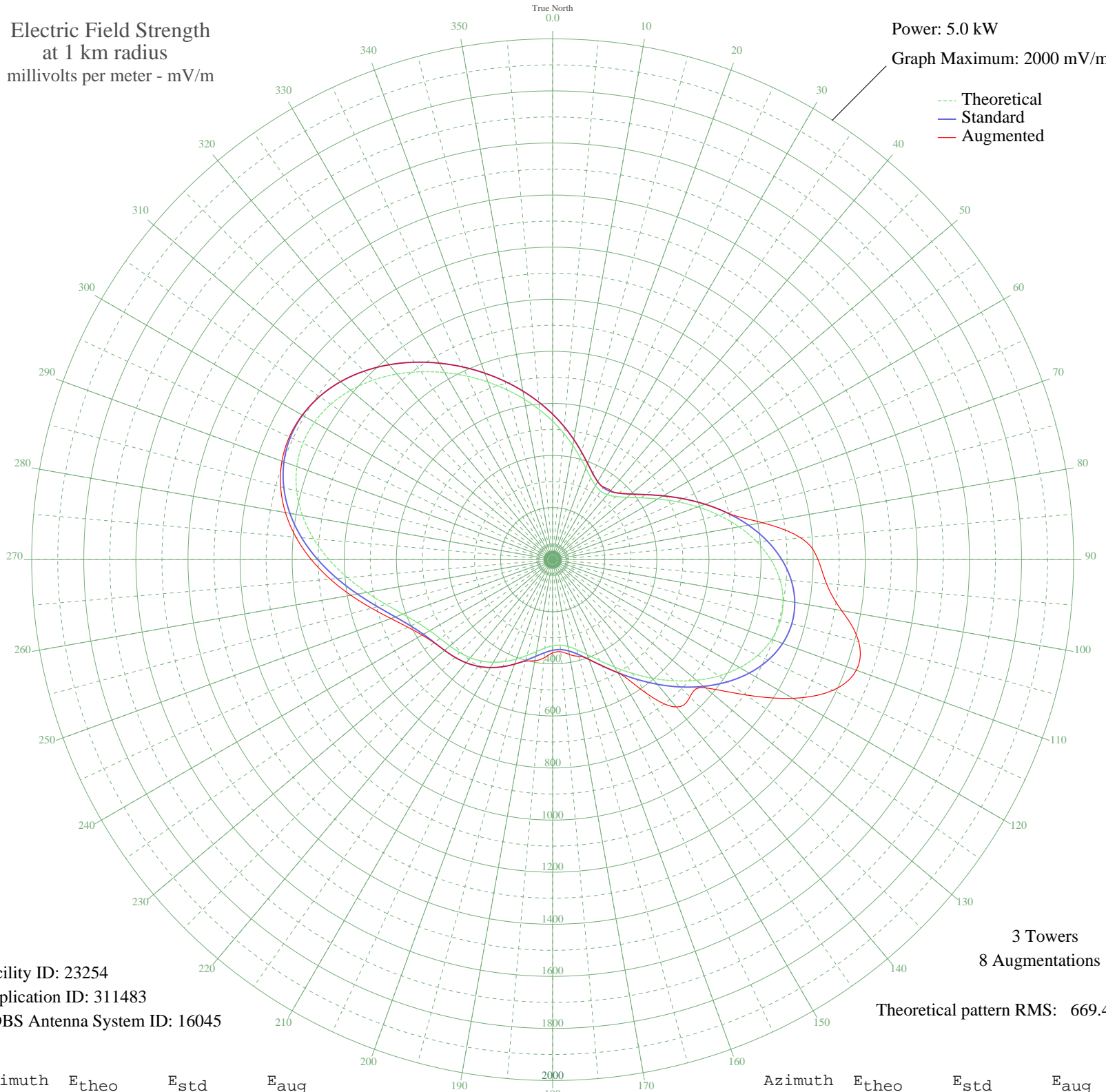


# WTSN DOVER, NH BL-6294 1270 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 23254  
Application ID: 311483  
CDBS Antenna System ID: 16045

3 Towers  
8 Augmentations

Theoretical pattern RMS: 669.49

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	531.55	558.62	558.62
5	487.22	512.12	512.12
10	445.35	468.20	468.20
15	406.95	427.95	427.95
20	373.49	392.87	392.87
25	346.78	364.87	364.87
30	328.77	346.01	346.01
35	321.32	338.21	340.21
40	325.81	342.91	346.64
45	342.92	360.83	360.83
50	372.61	391.94	391.94
55	414.15	435.49	435.49
60	466.15	490.02	490.02
65	526.51	553.33	553.33
70	592.41	622.47	622.47
75	660.38	693.80	693.80
80	726.55	763.24	817.47
85	786.92	826.60	956.81
90	837.70	879.90	1018.78
95	875.70	919.79	1055.25
100	898.57	943.79	1126.69
105	904.99	950.53	1216.41
110	894.81	939.84	1240.80
115	868.97	912.72	1187.09
120	829.40	871.18	1064.80
125	778.81	818.09	905.54
130	720.45	756.83	765.56
135	657.77	691.06	745.30
140	594.22	624.38	738.69
145	532.99	560.13	625.82
150	476.80	501.19	501.19
155	427.86	449.87	449.87
160	387.82	407.88	407.88
165	357.76	376.39	383.90
170	338.29	355.98	369.60
175	329.47	346.74	354.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	330.76	348.09	358.09
185	340.99	358.81	378.44
190	358.41	377.06	393.93
195	380.84	400.57	403.94
200	405.91	426.85	426.85
205	431.29	453.47	453.47
210	454.93	478.25	478.25
215	475.29	499.61	499.61
220	491.67	516.79	516.79
225	504.47	530.21	530.21
230	515.44	541.72	541.72
235	527.72	554.61	556.01
240	545.41	573.16	578.94
245	572.53	601.62	613.53
250	611.72	642.73	660.90
255	663.11	696.66	719.77
260	724.30	760.88	786.78
265	791.04	830.92	857.30
270	858.30	901.52	926.31
275	921.13	967.48	989.08
280	975.24	1024.27	1041.68
285	1017.33	1068.45	1081.20
290	1045.25	1097.77	1105.97
295	1058.07	1111.23	1115.51
300	1055.96	1109.01	1110.45
305	1040.04	1092.29	1092.37
310	1012.18	1063.05	1063.05
315	974.72	1023.73	1023.73
320	930.20	977.00	977.00
325	881.09	925.44	925.44
330	829.55	871.34	871.34
335	777.28	816.48	816.48
340	725.46	762.10	762.10
345	674.77	708.90	708.90
350	625.51	657.20	657.20
355	577.74	607.08	607.08

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission