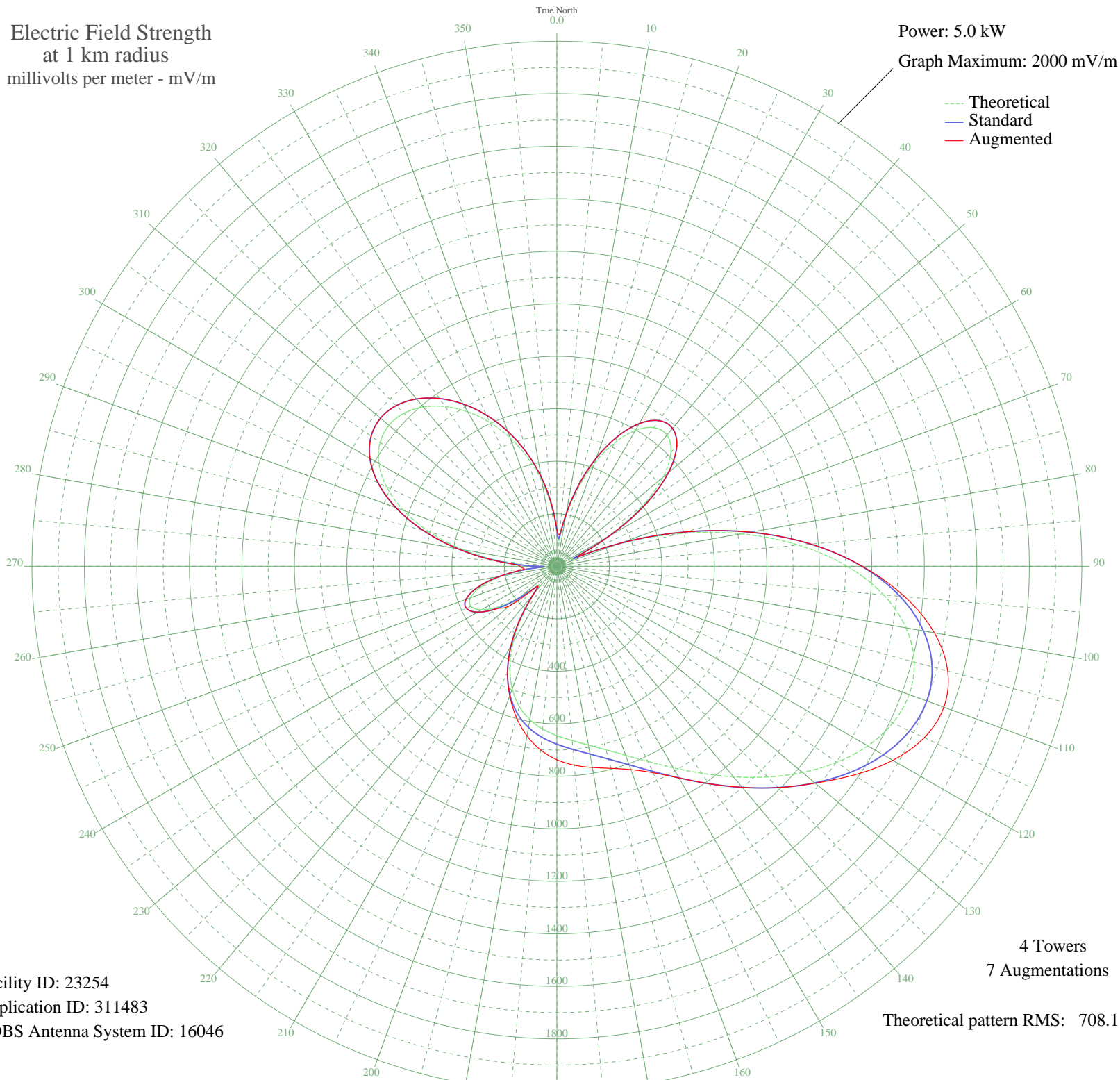


WTSN DOVER, NH BL-6294 1270 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 23254
Application ID: 311483
CDBS Antenna System ID: 16046

4 Towers
7 Augmentations
Theoretical pattern RMS: 708.11

Azimuth	E _{theo}	E _{std}	E _{aug}
0	129.52	138.00	140.74
5	103.52	111.20	123.71
10	189.47	200.32	200.32
15	303.61	319.66	319.66
20	417.02	438.50	438.50
25	518.10	544.51	544.51
30	597.09	627.39	627.39
35	644.66	677.30	677.30
40	652.48	685.51	685.51
45	614.38	645.53	645.53
50	527.45	554.32	554.32
55	393.03	413.35	413.35
60	218.30	230.41	230.46
65	60.16	67.39	84.40
70	243.44	256.69	256.69
75	480.34	504.91	504.91
80	712.49	748.48	748.48
85	924.86	971.38	971.38
90	1106.40	1161.96	1163.81
95	1249.64	1312.33	1330.79
100	1350.76	1418.49	1460.63
105	1409.43	1480.09	1541.79
110	1428.30	1499.90	1569.11
115	1412.28	1483.08	1544.67
120	1367.78	1436.36	1477.99
125	1301.94	1367.24	1384.97
130	1222.03	1283.35	1285.02
135	1134.92	1191.90	1191.90
140	1046.72	1099.30	1099.30
145	962.50	1010.90	1010.90
150	886.17	930.77	930.93
155	820.32	861.66	867.64
160	766.21	804.86	824.23
165	723.72	760.26	796.82
170	691.36	726.31	778.23
175	666.39	700.10	760.47

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	644.92	677.58	736.80
185	622.22	653.76	702.68
190	593.14	623.24	655.81
195	552.68	580.79	595.93
200	496.77	522.14	524.69
205	423.11	444.88	444.88
210	332.16	349.55	349.55
215	228.84	241.42	241.42
220	129.65	138.15	138.15
225	103.60	111.29	111.29
230	180.79	191.28	232.60
235	267.68	282.04	282.82
240	331.82	349.20	349.20
245	361.26	380.05	380.05
250	350.33	368.59	368.59
255	298.20	313.98	314.19
260	208.76	220.45	223.57
265	92.29	99.71	124.75
270	69.95	77.11	140.46
275	213.83	225.74	230.22
280	362.87	381.74	382.40
285	501.38	526.97	526.97
290	620.83	652.30	652.30
295	715.69	751.84	751.84
300	783.07	822.56	822.56
305	822.45	863.90	863.90
310	835.20	877.27	877.27
315	823.93	865.44	865.44
320	791.95	831.88	831.88
325	742.70	780.19	780.19
330	679.35	713.71	713.71
335	604.51	635.17	635.17
340	520.13	546.64	546.64
345	427.66	449.66	449.66
350	328.49	345.71	345.71
355	225.35	237.78	237.78