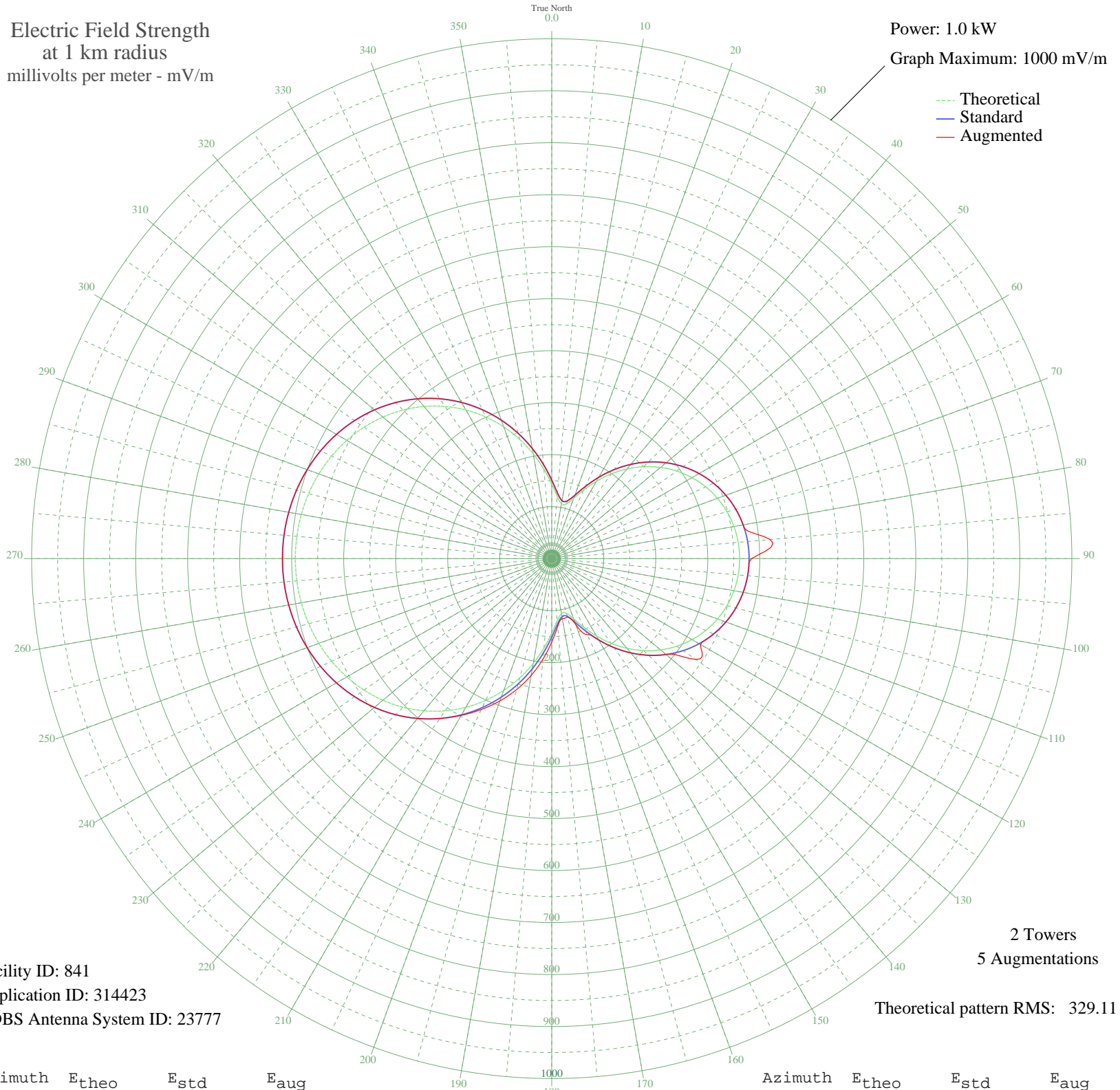


KOPT EUGENE, OR BL-9447 1600 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 841
Application ID: 314423
CDBS Antenna System ID: 23777

2 Towers
5 Augmentations
Theoretical pattern RMS: 329.11

Azimuth	E _{theo}	E _{std}	E _{aug}
0	143.34	150.93	150.93
5	120.09	126.61	126.61
10	107.40	113.33	113.33
15	108.84	114.84	114.84
20	123.16	129.82	129.82
25	145.53	153.23	153.23
30	171.60	180.54	180.54
35	198.65	208.89	208.89
40	225.13	236.65	236.65
45	250.10	262.85	262.85
50	273.03	286.90	286.90
55	293.56	308.44	308.44
60	311.49	327.26	327.26
65	326.71	343.24	343.24
70	339.17	356.31	356.31
75	348.85	366.47	366.47
80	355.75	373.71	373.71
85	359.88	378.05	421.58
90	361.26	379.49	384.30
95	359.88	378.05	378.05
100	355.75	373.71	373.71
105	348.85	366.47	366.47
110	339.17	356.31	356.31
115	326.71	343.24	343.24
120	311.49	327.26	330.32
125	293.56	308.44	337.96
130	273.03	286.90	286.90
135	250.10	262.85	262.85
140	225.13	236.65	236.65
145	198.65	208.89	208.89
150	171.60	180.54	180.54
155	145.53	153.23	161.18
160	123.16	129.82	134.80
165	108.84	114.84	116.68
170	107.40	113.33	117.28
175	120.09	126.61	131.09

Azimuth	E _{theo}	E _{std}	E _{aug}
180	143.34	150.93	160.42
185	172.57	181.55	194.20
190	204.57	215.10	228.19
195	237.37	249.50	260.63
200	269.74	283.45	291.16
205	300.86	316.10	320.14
210	330.18	346.87	348.12
215	357.32	375.36	375.39
220	382.04	401.31	401.31
225	404.20	424.56	424.56
230	423.74	445.08	445.08
235	440.67	462.85	462.85
240	455.05	477.94	477.94
245	466.96	490.44	490.44
250	476.51	500.46	500.46
255	483.80	508.12	508.12
260	488.93	513.50	513.50
265	491.98	516.70	516.70
270	492.99	517.76	517.76
275	491.98	516.70	516.70
280	488.93	513.50	513.50
285	483.80	508.12	508.12
290	476.51	500.46	500.46
295	466.96	490.44	490.44
300	455.05	477.94	477.94
305	440.67	462.85	462.85
310	423.74	445.08	445.08
315	404.20	424.56	424.56
320	382.04	401.31	401.31
325	357.32	375.36	375.36
330	330.18	346.87	346.87
335	300.86	316.10	316.10
340	269.74	283.45	283.45
345	237.37	249.50	249.50
350	204.57	215.10	215.10
355	172.57	181.55	181.55

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.

22 Dec 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission