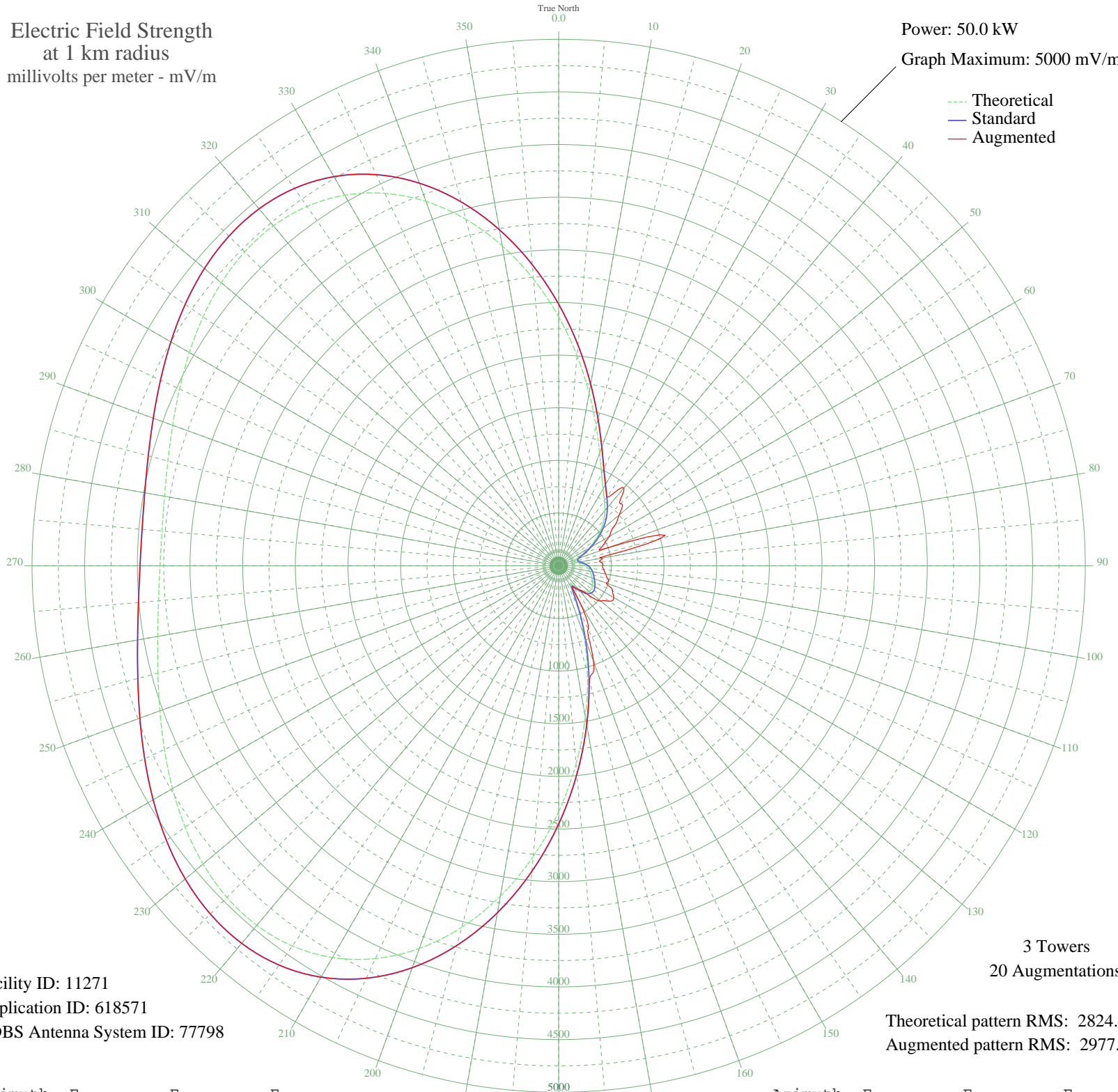


# KEX PORTLAND, OR BL-20021010ABO 1190 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 11271  
Application ID: 618571  
CDBS Antenna System ID: 77798

Theoretical pattern RMS: 2824.40  
Augmented pattern RMS: 2977.90

Azimuth	Etheo	Estd	Eaug
0	2364.54	2483.94	2483.94
5	2002.31	2103.80	2103.80
10	1665.67	1750.61	1750.61
15	1373.15	1443.82	1443.82
20	1138.19	1197.53	1197.53
25	964.68	1015.78	1015.78
30	843.69	889.15	889.15
35	756.10	797.56	797.56
40	681.13	719.23	965.61
45	604.01	638.78	831.72
50	518.36	549.59	750.45
55	424.77	452.48	632.37
60	328.90	353.66	553.01
65	240.89	264.17	470.37
70	177.48	201.35	504.74
75	159.62	184.13	1004.12
80	183.71	207.41	417.59
85	221.80	245.06	399.05
90	256.62	280.03	417.65
95	283.21	306.99	430.74
100	302.66	326.81	453.22
105	318.69	343.20	483.54
110	335.22	360.15	482.47
115	353.79	379.23	564.94
120	371.83	397.80	602.76
125	382.70	409.00	586.88
130	377.31	403.44	523.69
135	346.70	371.94	378.25
140	286.87	310.71	293.74
145	216.68	239.94	249.08
150	235.84	259.10	402.78
155	419.48	447.00	664.74
160	705.50	744.69	971.20
165	1058.18	1113.70	1124.89
170	1459.13	1533.98	1533.98
175	1891.18	1987.20	1987.20

Azimuth	Etheo	Estd	Eaug
180	2335.75	2453.72	2453.72
185	2773.41	2913.08	2913.08
190	3185.26	3345.40	3345.40
195	3554.50	3733.00	3733.00
200	3867.78	4061.89	4061.89
205	4116.29	4322.78	4322.78
210	4296.11	4511.56	4511.56
215	4408.22	4629.26	4629.26
220	4457.90	4681.42	4681.42
225	4453.83	4677.15	4677.15
230	4406.97	4627.95	4627.95
235	4329.40	4546.51	4546.51
240	4233.25	4445.56	4445.56
245	4129.83	4336.99	4336.99
250	4029.03	4231.17	4231.17
255	3938.92	4136.57	4136.57
260	3865.64	4059.63	4059.63
265	3813.41	4004.80	4004.80
270	3784.72	3974.69	3974.69
275	3780.44	3970.20	3970.20
280	3799.95	3990.68	3990.68
285	3841.10	4033.88	4033.88
290	3900.16	4095.88	4095.88
295	3971.69	4170.97	4170.97
300	4048.49	4251.60	4251.60
305	4121.66	4328.42	4328.42
310	4180.94	4390.64	4390.64
315	4215.20	4426.62	4426.62
320	4213.34	4424.66	4424.66
325	4165.26	4374.19	4374.19
330	4063.03	4266.86	4266.86
335	3901.95	4097.76	4097.76
340	3681.57	3866.40	3866.40
345	3406.20	3577.32	3577.32
350	3085.09	3240.25	3240.25
355	2732.06	2869.67	2869.67

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