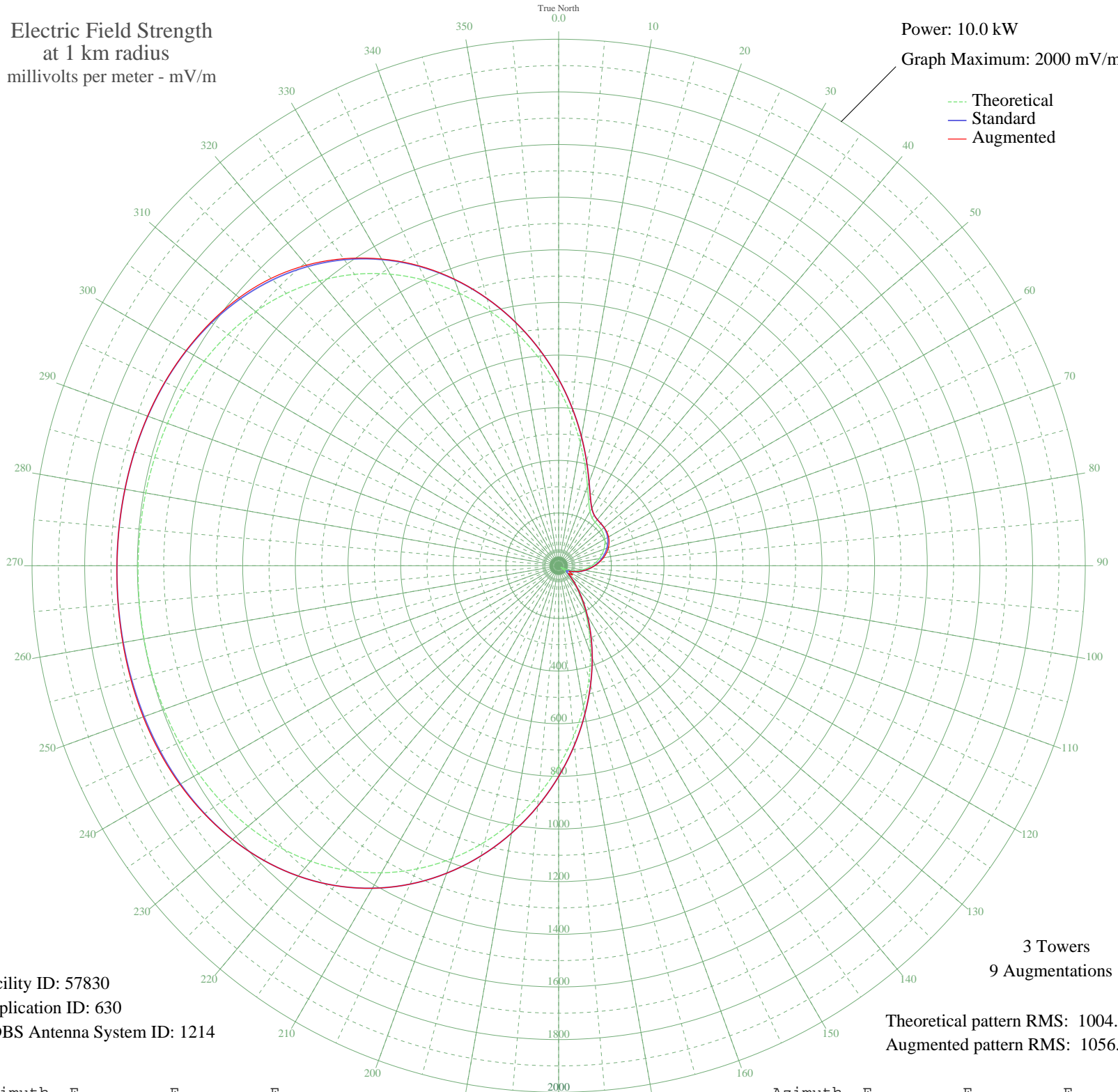


KFXX PORTLAND, OR BL-14343 1080 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 57830
Application ID: 630
CDBS Antenna System ID: 1214

3 Towers
9 Augmentations

Theoretical pattern RMS: 1004.23
Augmented pattern RMS: 1056.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	674.20	708.68	708.68
5	569.63	599.03	599.03
10	473.32	498.09	498.09
15	389.06	409.86	409.86
20	320.38	338.03	338.03
25	269.89	285.32	285.32
30	238.00	252.09	252.09
35	221.74	235.18	235.18
40	215.50	228.70	228.70
45	213.55	226.68	226.75
50	211.89	224.94	225.79
55	208.40	221.32	223.57
60	202.36	215.05	218.95
65	193.80	206.18	211.49
70	183.06	195.06	201.17
75	170.57	182.15	188.15
80	156.66	167.81	172.77
85	141.57	152.31	155.56
90	125.47	135.87	137.04
95	108.51	118.67	118.28
100	90.83	100.99	100.34
105	72.66	83.20	82.49
110	54.17	65.86	65.02
115	35.52	49.94	50.80
120	17.22	37.81	48.47
125	11.91	35.48	60.32
130	33.30	48.22	51.07
135	62.61	73.65	73.84
140	99.75	109.87	109.87
145	146.41	157.27	157.27
150	203.95	216.71	216.71
155	273.05	288.62	288.62
160	353.59	372.75	372.75
165	444.67	468.08	468.08
170	544.64	572.84	572.84
175	651.25	684.61	684.61

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	761.74	800.51	800.51
185	873.12	917.38	917.38
190	982.35	1032.01	1032.01
195	1086.57	1141.38	1141.38
200	1183.28	1242.89	1242.89
205	1270.52	1334.46	1334.46
210	1346.93	1414.67	1414.67
215	1411.83	1482.79	1482.79
220	1465.17	1538.79	1538.79
225	1507.46	1583.18	1583.18
230	1539.65	1616.98	1617.28
235	1563.05	1641.53	1642.91
240	1579.11	1658.40	1661.08
245	1589.36	1669.16	1672.76
250	1595.27	1675.36	1679.04
255	1598.12	1678.36	1681.25
260	1598.98	1679.26	1680.86
265	1598.60	1678.86	1679.32
270	1597.41	1677.61	1677.61
275	1595.51	1675.61	1675.61
280	1592.61	1672.57	1672.58
285	1588.12	1667.86	1668.11
290	1581.13	1660.52	1661.20
295	1570.46	1649.32	1650.30
300	1554.74	1632.82	1634.03
305	1532.50	1609.47	1612.80
310	1502.26	1577.72	1584.02
315	1462.64	1536.14	1543.97
320	1412.56	1483.56	1490.48
325	1351.30	1419.25	1423.73
330	1278.65	1343.00	1345.55
335	1195.06	1255.25	1257.56
340	1101.62	1157.17	1158.65
345	1000.11	1050.64	1051.03
350	892.98	938.22	938.22
355	783.20	823.04	823.04