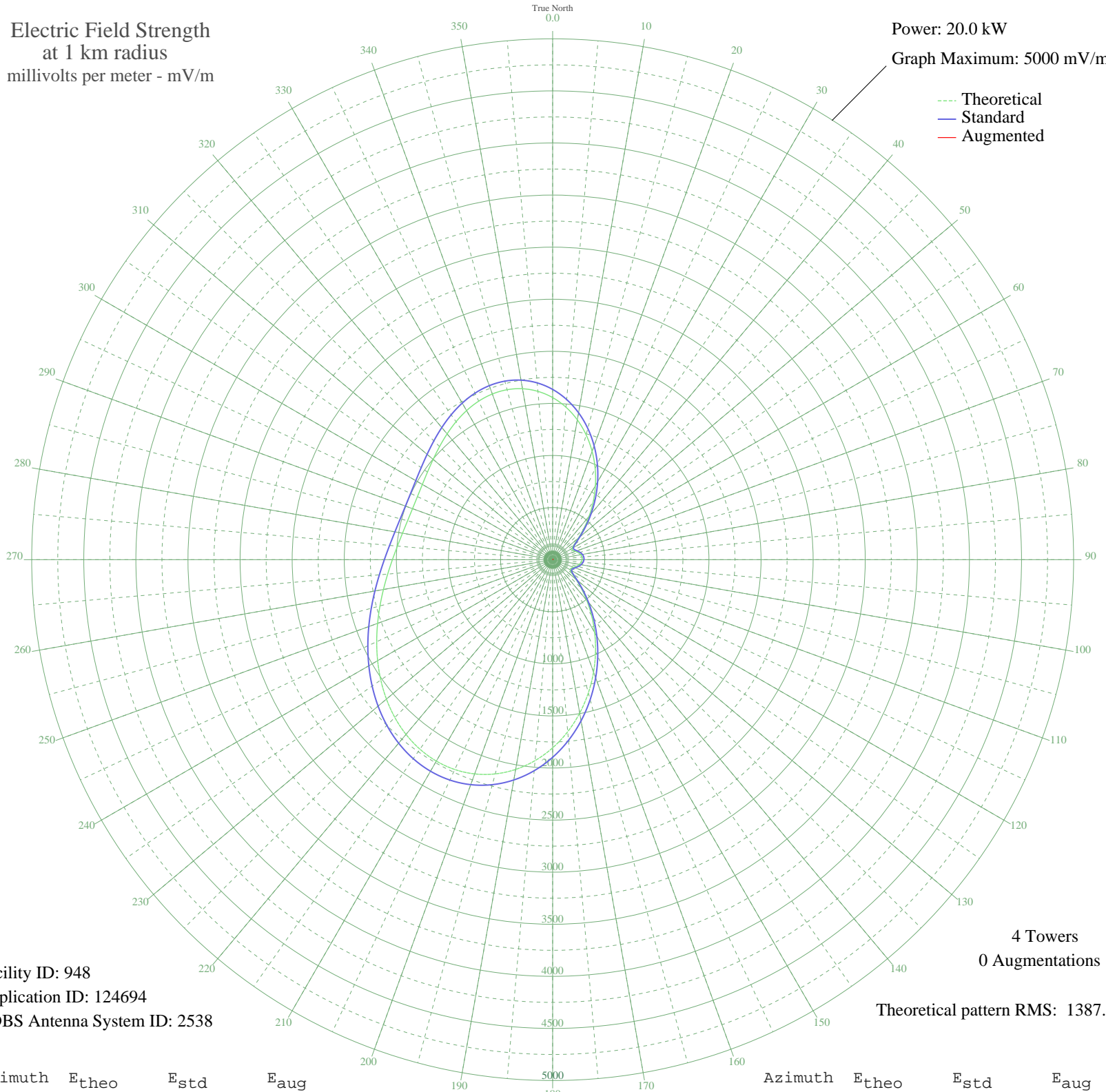


# KXTG PORTLAND, OR BL-19890301AE 750 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 948  
Application ID: 124694  
CDBS Antenna System ID: 2538

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1387.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1555.92	1634.39	
5	1469.00	1543.16	
10	1363.07	1431.99	
15	1241.13	1304.04	
20	1107.05	1163.35	
25	965.29	1014.64	
30	820.74	863.05	
35	678.48	713.95	
40	543.81	572.93	
45	422.46	446.06	
50	321.25	340.57	
55	248.99	265.63	
60	214.02	229.57	
65	213.94	229.49	
70	232.78	248.89	
75	255.08	271.92	
80	272.59	290.05	
85	282.06	299.87	
90	282.71	300.53	
95	274.88	292.42	
100	259.55	276.54	
105	238.39	254.68	
110	214.65	230.22	
115	195.26	210.33	
120	193.25	208.27	
125	223.29	239.11	
130	289.57	307.65	
135	386.61	408.65	
140	508.13	535.60	
145	649.32	683.40	
150	805.99	847.59	
155	973.84	1023.61	
160	1148.14	1206.46	
165	1323.79	1390.77	
170	1495.48	1570.96	
175	1657.97	1741.50	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1806.36	1897.26	
185	1936.43	2033.80	
190	2044.83	2147.59	
195	2129.26	2236.21	
200	2188.57	2298.48	
205	2222.75	2334.36	
210	2232.88	2344.99	
215	2220.94	2332.46	
220	2189.67	2299.63	
225	2142.32	2249.93	
230	2082.45	2187.08	
235	2013.69	2114.90	
240	1939.58	2037.10	
245	1863.37	1957.10	
250	1787.98	1877.96	
255	1715.89	1802.29	
260	1649.13	1732.22	
265	1589.34	1669.47	
270	1537.80	1615.38	
275	1495.51	1570.99	
280	1463.26	1537.14	
285	1441.68	1514.49	
290	1431.22	1503.51	
295	1432.07	1504.40	
300	1444.03	1516.95	
305	1466.32	1540.35	
310	1497.43	1573.01	
315	1535.04	1612.48	
320	1576.00	1655.47	
325	1616.49	1697.97	
330	1652.27	1735.52	
335	1678.96	1763.53	
340	1692.41	1777.65	
345	1689.04	1774.11	
350	1666.08	1750.02	
355	1621.87	1703.61	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission