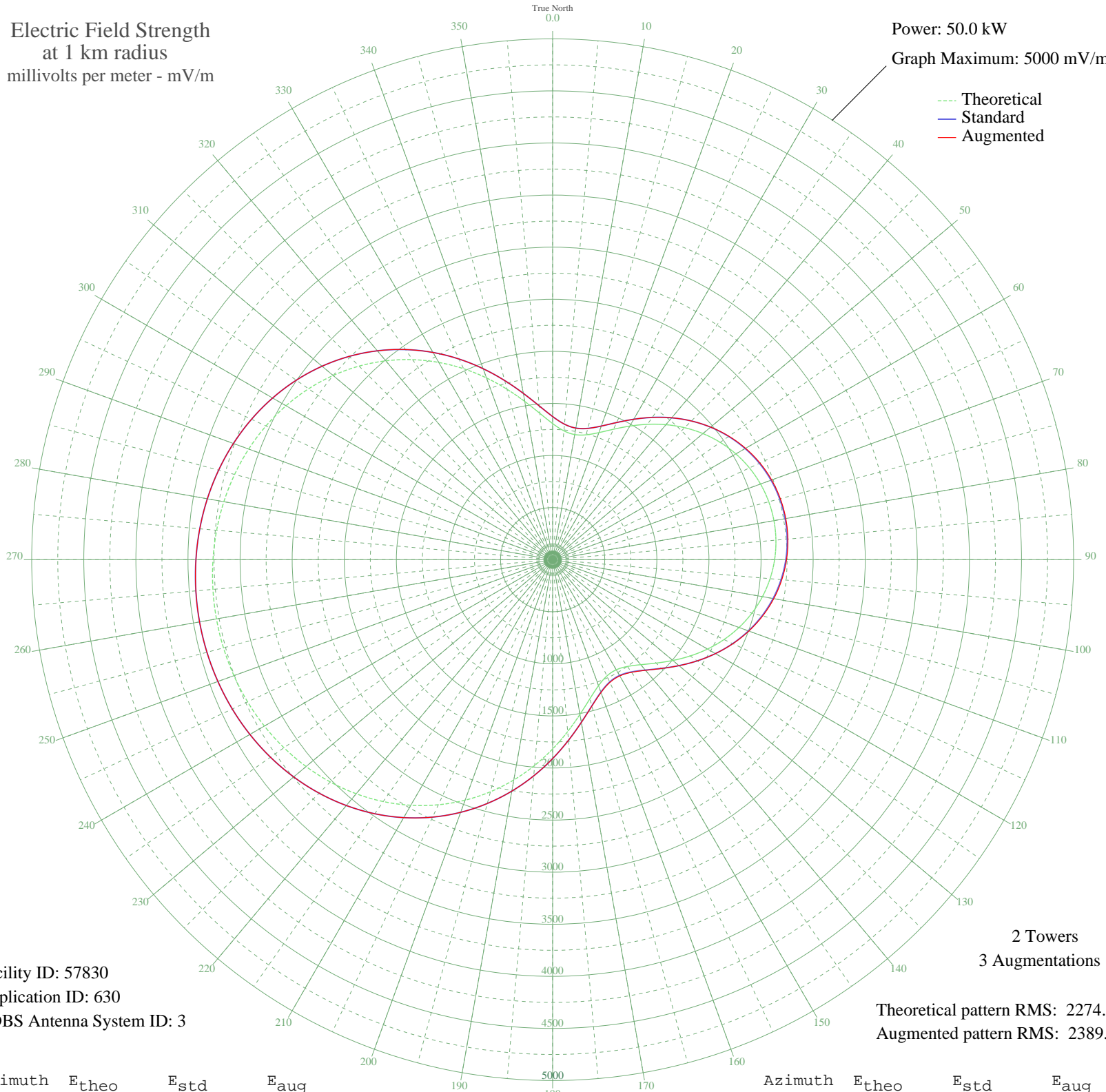


# KFXX PORTLAND, OR BL-14343 1080 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 57830  
Application ID: 630  
CDBS Antenna System ID: 3

2 Towers  
3 Augmentations

Theoretical pattern RMS: 2274.00  
Augmented pattern RMS: 2389.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1306.51	1373.84	1373.84
5	1241.24	1305.42	1305.42
10	1219.46	1282.59	1282.59
15	1240.58	1304.72	1304.72
20	1297.91	1364.83	1364.83
25	1381.33	1452.30	1452.30
30	1480.37	1556.16	1556.16
35	1586.07	1667.02	1667.02
40	1691.51	1777.63	1777.63
45	1791.67	1882.71	1882.82
50	1883.02	1978.56	1979.71
55	1963.16	2062.66	2065.55
60	2030.51	2133.32	2138.05
65	2084.03	2189.50	2195.54
70	2123.13	2230.52	2236.99
75	2147.43	2256.02	2262.38
80	2156.75	2265.80	2272.23
85	2151.03	2259.81	2266.43
90	2130.32	2238.07	2244.95
95	2094.75	2200.74	2207.86
100	2044.64	2148.16	2155.24
105	1980.54	2080.89	2086.86
110	1903.35	1999.89	2003.94
115	1814.50	1906.67	1908.59
120	1716.18	1803.52	1803.89
125	1611.61	1693.82	1693.85
130	1505.43	1582.44	1582.96
135	1404.05	1476.12	1477.69
140	1315.96	1383.75	1386.69
145	1251.38	1316.05	1320.24
150	1220.78	1283.97	1288.79
155	1231.96	1295.69	1300.23
160	1287.09	1353.48	1356.96
165	1382.01	1453.01	1455.09
170	1508.33	1585.49	1586.34
175	1656.33	1740.73	1740.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1816.96	1909.26	1909.26
185	1982.67	2083.13	2083.13
190	2147.45	2256.05	2256.05
195	2306.72	2423.19	2423.19
200	2457.08	2581.00	2581.00
205	2596.14	2726.96	2726.96
210	2722.35	2859.44	2859.44
215	2834.86	2977.53	2977.53
220	2933.38	3080.94	3080.94
225	3018.05	3169.83	3169.83
230	3089.36	3244.68	3244.68
235	3147.98	3306.21	3306.21
240	3194.68	3355.24	3355.24
245	3230.26	3392.58	3392.58
250	3255.41	3418.99	3418.99
255	3270.70	3435.04	3435.04
260	3276.50	3441.12	3441.12
265	3272.95	3437.40	3437.40
270	3259.96	3423.76	3423.76
275	3237.22	3399.89	3399.89
280	3204.21	3365.24	3365.24
285	3160.24	3319.09	3319.09
290	3104.56	3260.63	3260.63
295	3036.36	3189.05	3189.05
300	2954.95	3103.58	3103.58
305	2859.78	3003.69	3003.69
310	2750.62	2889.11	2889.11
315	2627.65	2760.03	2760.03
320	2491.56	2617.19	2617.19
325	2343.72	2462.03	2462.03
330	2186.32	2296.84	2296.84
335	2022.49	2124.92	2124.92
340	1856.52	1950.76	1950.76
345	1694.04	1780.29	1780.29
350	1542.24	1621.05	1621.05
355	1409.83	1482.18	1482.18

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