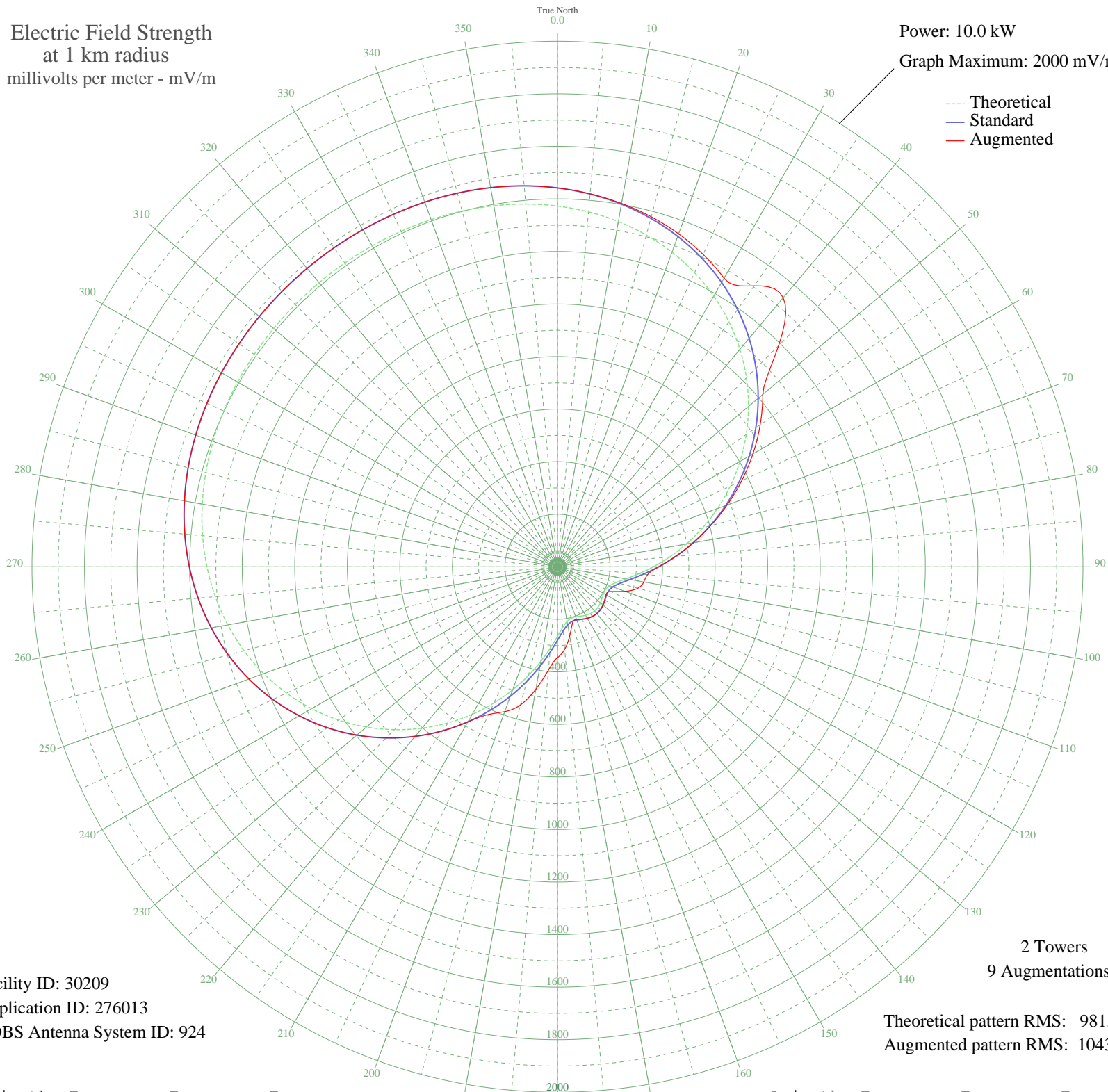


KGFX PIERRE, SD BL-19981023AA 1060 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 30209
Application ID: 276013
CDBS Antenna System ID: 924

Theoretical pattern RMS: 981.72
Augmented pattern RMS: 1043.00

Azimuth	Etheo	Estd	Eaug
0	1372.71	1441.73	1441.73
5	1355.75	1423.92	1424.65
10	1334.00	1401.10	1403.96
15	1306.90	1372.65	1378.81
20	1273.98	1338.09	1348.31
25	1234.91	1297.08	1311.63
30	1189.54	1249.46	1268.08
35	1137.92	1195.28	1305.15
40	1080.29	1134.79	1336.60
45	1017.12	1068.49	1190.13
50	949.08	997.09	1020.32
55	877.05	921.50	941.87
60	802.07	842.83	858.96
65	725.34	762.33	773.36
70	648.17	681.39	687.27
75	572.02	601.54	603.27
80	498.40	524.38	524.38
85	428.98	451.66	451.66
90	365.56	385.28	385.28
95	310.13	327.33	344.39
100	264.81	280.03	333.59
105	231.54	245.37	316.52
110	211.23	224.26	273.62
115	202.76	215.47	223.65
120	202.91	215.63	213.49
125	207.63	220.53	219.83
130	213.38	226.50	226.45
135	217.73	231.02	231.00
140	219.33	232.67	232.67
145	217.73	231.02	231.00
150	213.38	226.50	226.45
155	207.63	220.53	219.83
160	202.91	215.63	213.49
165	202.76	215.47	221.83
170	211.23	224.26	267.42
175	231.54	245.37	315.25

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

Azimuth	Etheo	Estd	Eaug
180	264.81	280.03	345.79
185	310.13	327.33	394.78
190	365.56	385.28	473.43
195	428.98	451.66	544.58
200	498.40	524.38	586.86
205	572.02	601.54	620.47
210	648.17	681.39	681.39
215	725.34	762.33	762.33
220	802.07	842.83	842.83
225	877.05	921.50	921.50
230	949.08	997.09	997.09
235	1017.12	1068.49	1068.49
240	1080.29	1134.79	1134.79
245	1137.92	1195.28	1195.28
250	1189.54	1249.46	1249.46
255	1234.91	1297.08	1297.08
260	1273.98	1338.09	1338.09
265	1306.90	1372.65	1372.65
270	1334.00	1401.10	1401.10
275	1355.75	1423.92	1423.92
280	1372.71	1441.73	1441.73
285	1385.53	1455.19	1455.19
290	1394.90	1465.02	1465.02
295	1401.46	1471.91	1471.91
300	1405.87	1476.53	1476.53
305	1408.66	1479.47	1479.47
310	1410.31	1481.20	1481.20
315	1411.16	1482.09	1482.09
320	1411.42	1482.36	1482.36
325	1411.16	1482.09	1482.09
330	1410.31	1481.20	1481.20
335	1408.66	1479.47	1479.47
340	1405.87	1476.53	1476.53
345	1401.46	1471.91	1471.91
350	1394.90	1465.02	1465.02
355	1385.53	1455.19	1455.19