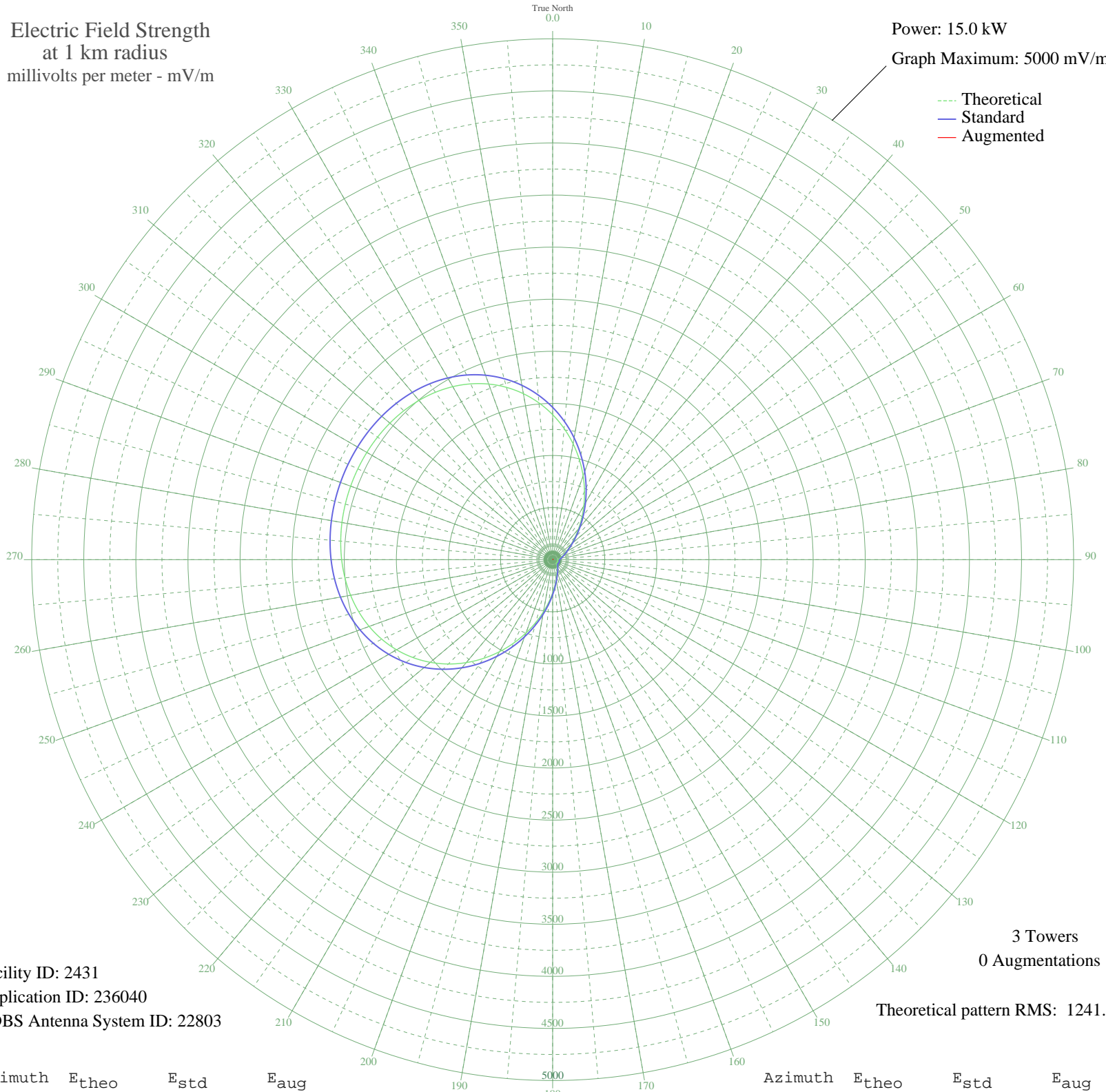


KGDD OREGON CITY, OR BL-19961126AC 1520 kHz

Nighttime

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

Power: 15.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 2431
Application ID: 236040
CDBS Antenna System ID: 22803

3 Towers
0 Augmentations

Theoretical pattern RMS: 1241.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1391.83	1461.99	
5	1263.97	1327.79	
10	1129.69	1186.87	
15	992.32	1042.73	
20	855.52	899.21	
25	723.06	760.30	
30	598.57	629.82	
35	485.32	511.20	
40	385.92	407.25	
45	302.21	319.92	
50	234.97	250.05	
55	183.69	197.12	
60	146.33	158.94	
65	119.48	131.88	
70	99.31	111.93	
75	82.84	96.02	
80	68.73	82.84	
85	57.29	72.61	
90	49.83	66.27	
95	47.21	64.12	
100	48.36	65.06	
105	50.82	67.09	
110	52.47	68.47	
115	52.27	68.31	
120	50.34	66.69	
125	47.94	64.72	
130	47.37	64.25	
135	50.94	67.19	
140	59.31	74.38	
145	71.37	85.26	
150	85.93	98.97	
155	102.97	115.52	
160	124.20	136.60	
165	152.84	165.55	
170	192.75	206.43	
175	247.10	262.63	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	317.64	336.00	
185	404.59	426.76	
190	506.93	533.83	
195	622.67	655.07	
200	749.02	787.52	
205	882.65	927.67	
210	1019.87	1071.63	
215	1156.91	1215.44	
220	1290.16	1355.27	
225	1416.38	1487.76	
230	1532.93	1610.09	
235	1637.83	1720.20	
240	1729.87	1816.82	
245	1808.58	1899.45	
250	1874.15	1968.27	
255	1927.31	2024.09	
260	1969.23	2068.10	
265	2001.32	2101.78	
270	2025.08	2126.72	
275	2041.97	2144.46	
280	2053.32	2156.37	
285	2060.17	2163.56	
290	2063.25	2166.80	
295	2062.91	2166.44	
300	2059.12	2162.46	
305	2051.44	2154.40	
310	2039.08	2141.42	
315	2020.92	2122.35	
320	1995.62	2095.79	
325	1961.68	2060.17	
330	1917.62	2013.91	
335	1862.06	1955.58	
340	1793.91	1884.04	
345	1712.52	1798.61	
350	1617.85	1699.23	
355	1510.49	1586.54	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission