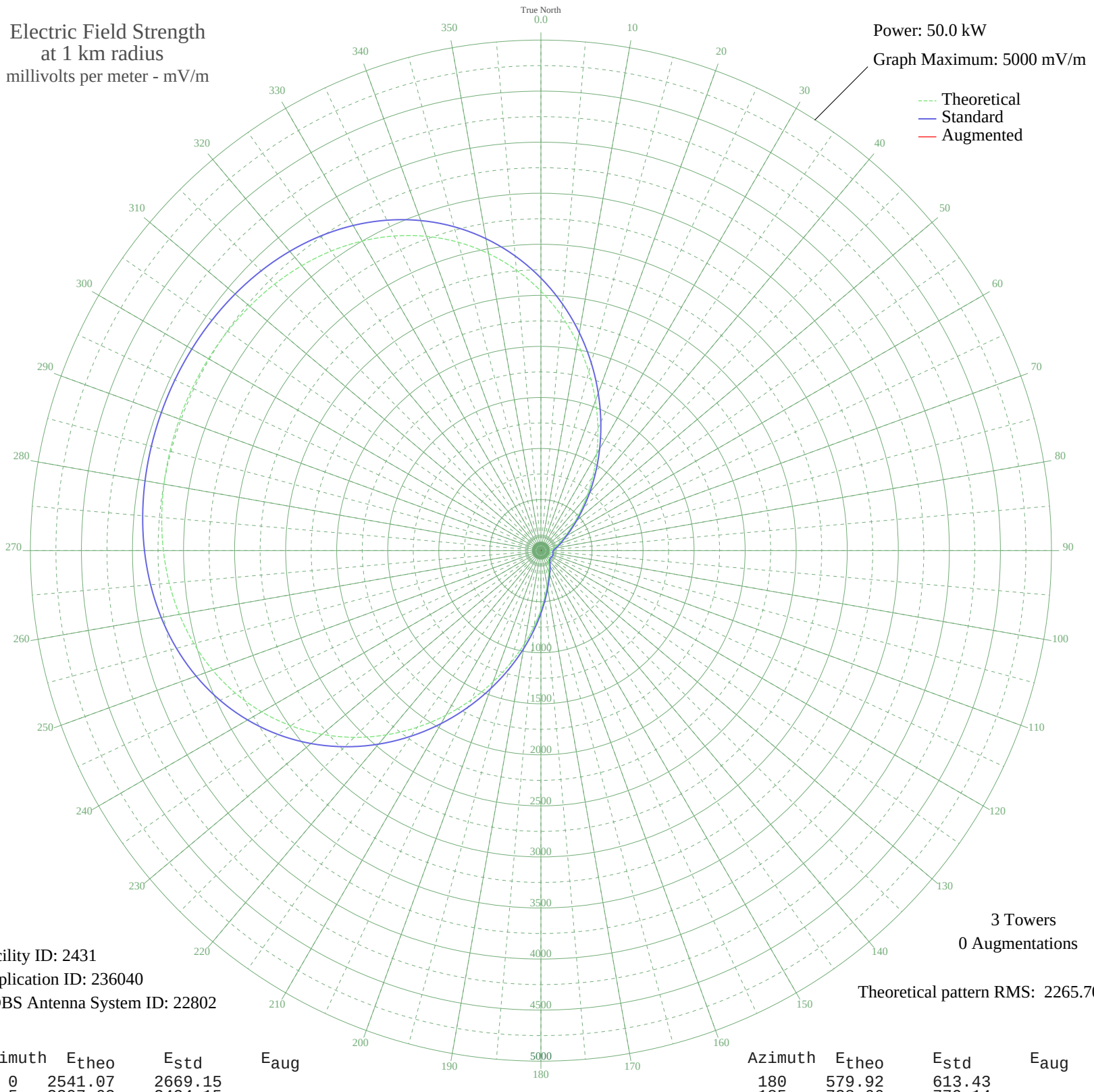
KGDD OREGON CITY, OR BL-19961126AC 1520 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 2431
Application ID: 236040
CDBS Antenna System ID: 22802

Theoretical pattern RMS: 2265.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2541.07	2669.15	
5	2307.63	2424.15	
10	2062.48	2166.87	
15	1811.68	1903.71	
20	1561.91	1641.69	
25	1320.08	1388.07	
30	1092.81	1149.86	
35	886.04	933.30	
40	704.58	743.52	
45	551.74	584.07	
50	428.99	456.51	
55	335.37	359.88	
60	267.15	290.17	
65	218.14	240.78	
70	181.31	204.34	
75	151.24	175.30	
80	125.49	151.24	
85	104.60	132.57	
90	90.97	120.98	
95	86.19	117.06	
100	88.30	118.78	
105	92.79	122.49	
110	95.79	125.01	
115	95.43	124.71	
120	91.91	121.76	
125	87.53	118.15	
130	86.48	117.29	
135	93.00	122.67	
140	108.28	135.79	
145	130.30	155.67	
150	156.88	180.68	
155	188.00	210.90	
160	226.75	249.39	
165	279.03	302.25	
170	351.90	376.88	
175	451.14	479.48	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	579.92	613.43	
185	738.66	779.14	
190	925.51	974.61	
195	1136.80	1195.95	
200	1367.49	1437.78	
205	1611.45	1693.65	
210	1861.97	1956.48	
215	2112.17	2219.02	
220	2355.43	2474.32	
225	2585.88	2716.19	
230	2798.66	2939.53	
235	2990.18	3140.56	
240	3158.22	3316.96	
245	3301.92	3467.81	
250	3421.62	3593.47	
255	3518.69	3695.37	
260	3595.23	3775.72	
265	3653.80	3837.21	
270	3697.17	3882.74	
275	3728.02	3915.13	
280	3748.74	3936.88	
285	3761.25	3950.01	
290	3766.87	3955.91	
295	3766.26	3955.27	
300	3759.33	3948.00	
305	3745.31	3933.27	
310	3722.74	3909.58	
315	3689.58	3874.78	
320	3643.39	3826.28	
325	3581.44	3761.25	
330	3500.99	3676.79	
335	3399.55	3570.30	
340	3275.13	3439.69	
345	3126.55	3283.72	
350	2953.70	3102.27	
355	2757.71	2896.54	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission