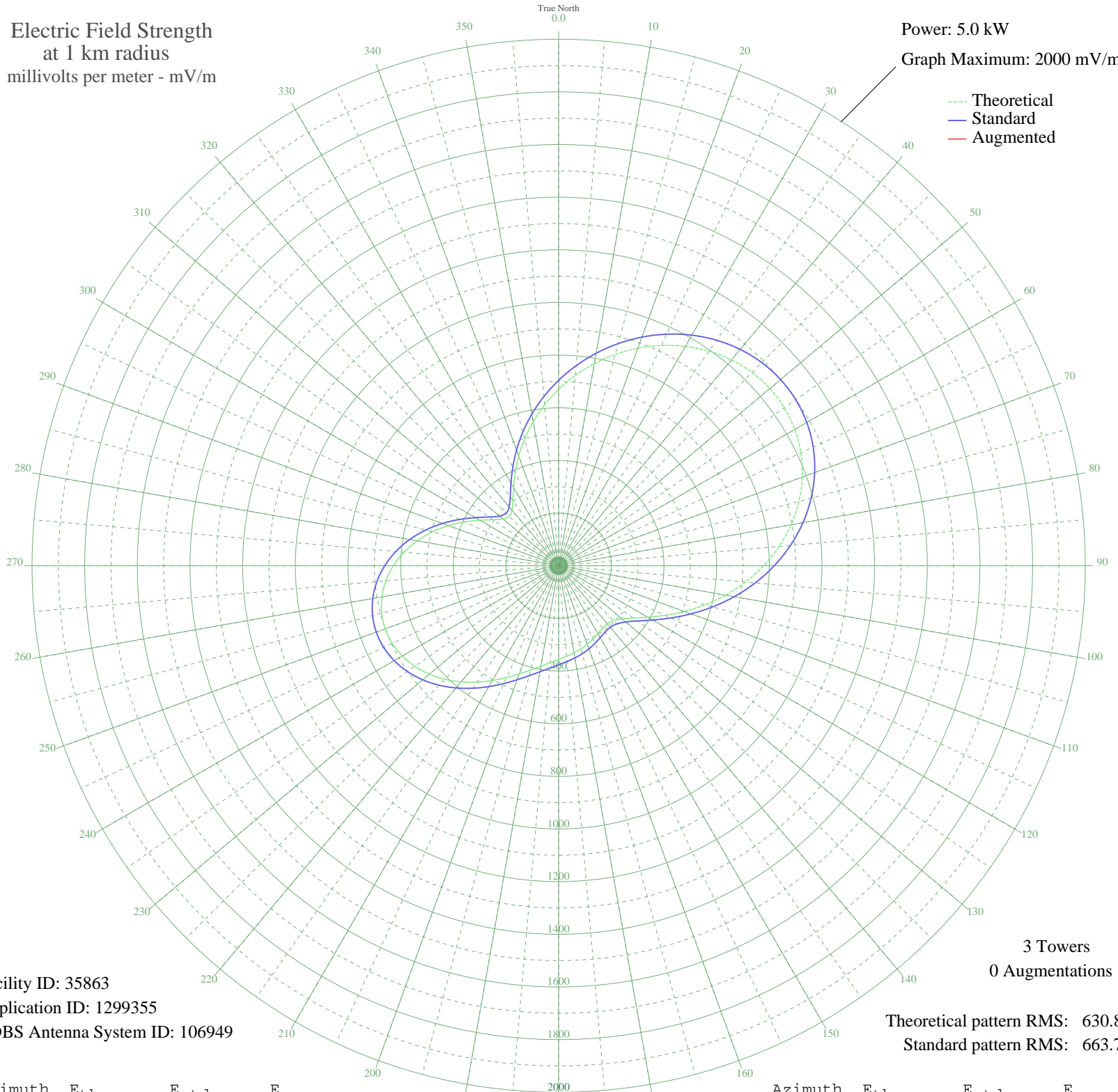


KVXR MOORHEAD, MN BML-20090227ACS 1280 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 35863
Application ID: 1299355
CDBS Antenna System ID: 106949

3 Towers
0 Augmentations

Theoretical pattern RMS: 630.86
Standard pattern RMS: 663.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	669.61	704.32	
5	725.34	762.75	
10	779.38	819.40	
15	830.97	873.51	
20	879.30	924.20	
25	923.43	970.49	
30	962.39	1011.36	
35	995.17	1045.76	
40	1020.80	1072.65	
45	1038.35	1091.06	
50	1047.04	1100.18	
55	1046.26	1099.36	
60	1035.61	1088.19	
65	1014.98	1066.54	
70	984.53	1034.59	
75	944.73	992.84	
80	896.38	942.12	
85	840.58	883.59	
90	778.71	818.71	
95	712.45	749.23	
100	643.73	677.20	
105	574.70	604.87	
110	507.76	534.77	
115	445.52	469.64	
120	390.76	412.40	
125	346.23	365.91	
130	314.10	332.42	
135	295.18	312.73	
140	288.24	305.50	
145	290.28	307.62	
150	297.71	315.35	
155	307.48	325.53	
160	317.58	336.05	
165	327.13	346.00	
170	336.16	355.41	
175	345.44	365.09	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	356.18	376.30	
185	369.78	390.49	
190	387.43	408.92	
195	409.86	432.36	
200	437.14	460.88	
205	468.68	493.87	
210	503.33	530.13	
215	539.57	568.07	
220	575.69	605.91	
225	609.95	641.80	
230	640.67	673.99	
235	666.32	700.87	
240	685.55	721.03	
245	697.31	733.36	
250	700.81	737.02	
255	695.57	731.54	
260	681.47	716.76	
265	658.71	692.90	
270	627.82	660.52	
275	589.66	620.54	
280	545.43	574.22	
285	496.68	523.17	
290	445.34	469.46	
295	393.89	415.68	
300	345.56	365.22	
305	304.61	322.54	
310	276.35	293.13	
315	265.87	282.25	
320	275.37	292.12	
325	302.52	320.36	
330	342.47	362.00	
335	390.56	412.19	
340	443.44	467.46	
345	498.95	525.55	
350	555.73	585.00	
355	612.86	644.85	

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