

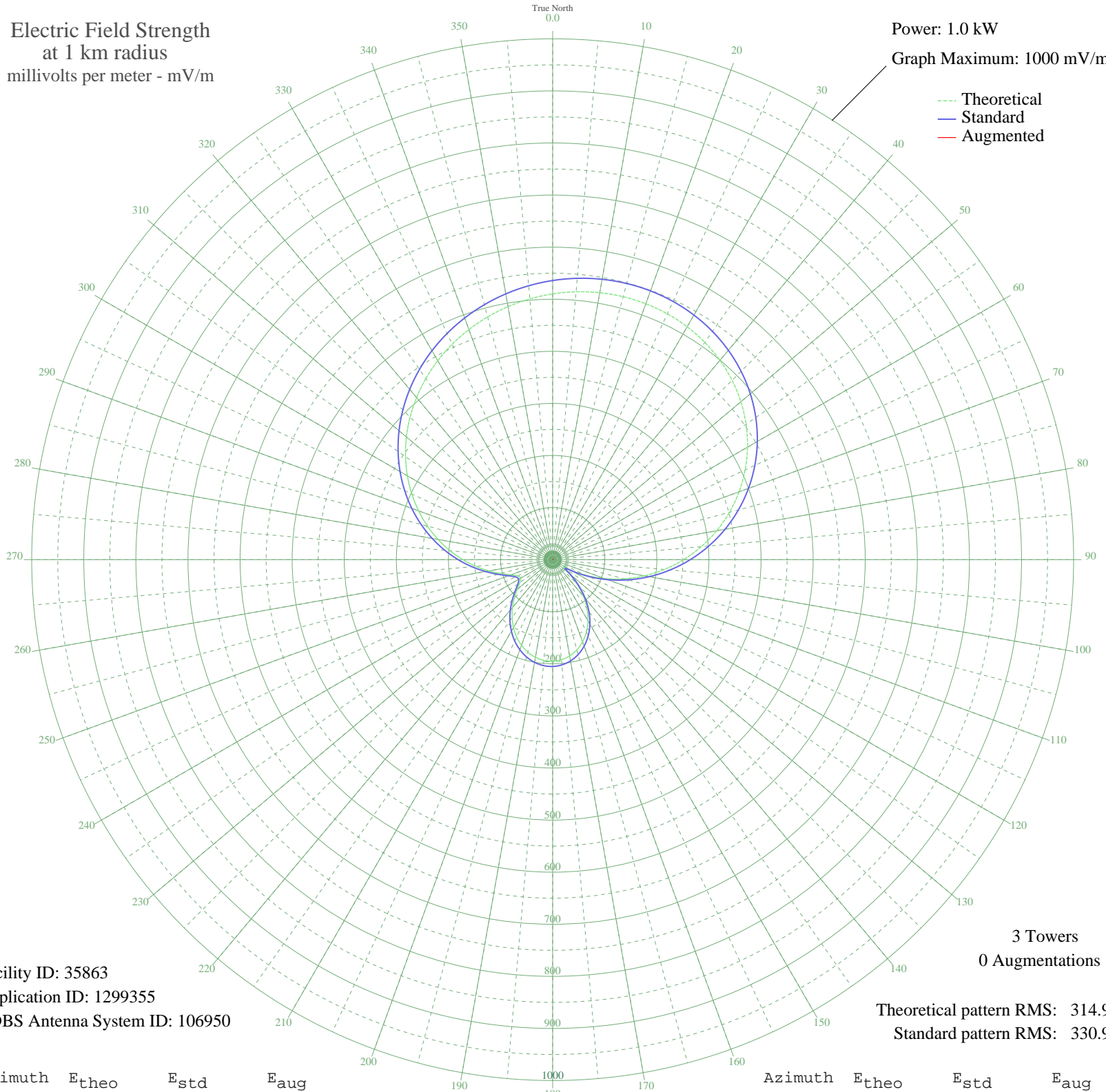
KVXR MOORHEAD, MN BML-20090227ACS 1280 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 35863
Application ID: 1299355
CDBS Antenna System ID: 106950

3 Towers
0 Augmentations

Theoretical pattern RMS: 314.95
Standard pattern RMS: 330.91

Azimuth	E _{theo}	E _{std}	E _{aug}
0	510.30	535.95	
5	516.28	542.22	
10	520.46	546.61	
15	522.70	548.96	
20	522.87	549.14	
25	520.80	546.97	
30	516.34	542.28	
35	509.32	534.91	
40	499.60	524.71	
45	487.05	511.54	
50	471.59	495.31	
55	453.19	476.00	
60	431.86	453.61	
65	407.68	428.23	
70	380.79	400.01	
75	351.41	369.17	
80	319.82	336.01	
85	286.34	300.89	
90	251.38	264.21	
95	215.37	226.44	
100	178.79	188.10	
105	142.18	149.75	
110	106.14	112.07	
115	71.58	76.07	
120	40.70	44.32	
125	24.92	28.68	
130	41.00	44.62	
135	66.58	70.89	
140	91.84	97.15	
145	115.04	121.36	
150	135.59	142.86	
155	153.25	161.34	
160	167.85	176.64	
165	179.33	188.66	
170	187.65	197.38	
175	192.84	202.82	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	194.95	205.03	
185	194.07	204.11	
190	190.32	200.18	
195	183.86	193.41	
200	174.89	184.01	
205	163.65	172.24	
210	150.45	158.40	
215	135.66	142.92	
220	119.83	126.36	
225	103.74	109.56	
230	88.68	93.85	
235	76.72	81.41	
240	70.89	75.36	
245	73.78	78.35	
250	85.22	90.25	
255	102.81	108.59	
260	124.16	130.90	
265	147.68	155.51	
270	172.42	181.42	
275	197.76	207.98	
280	223.30	234.76	
285	248.72	261.42	
290	273.76	287.69	
295	298.23	313.36	
300	321.93	338.23	
305	344.72	362.15	
310	366.46	384.96	
315	387.04	406.56	
320	406.38	426.86	
325	424.40	445.78	
330	441.06	463.26	
335	456.32	479.28	
340	470.14	493.78	
345	482.49	506.75	
350	493.33	518.13	
355	502.63	527.89	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission