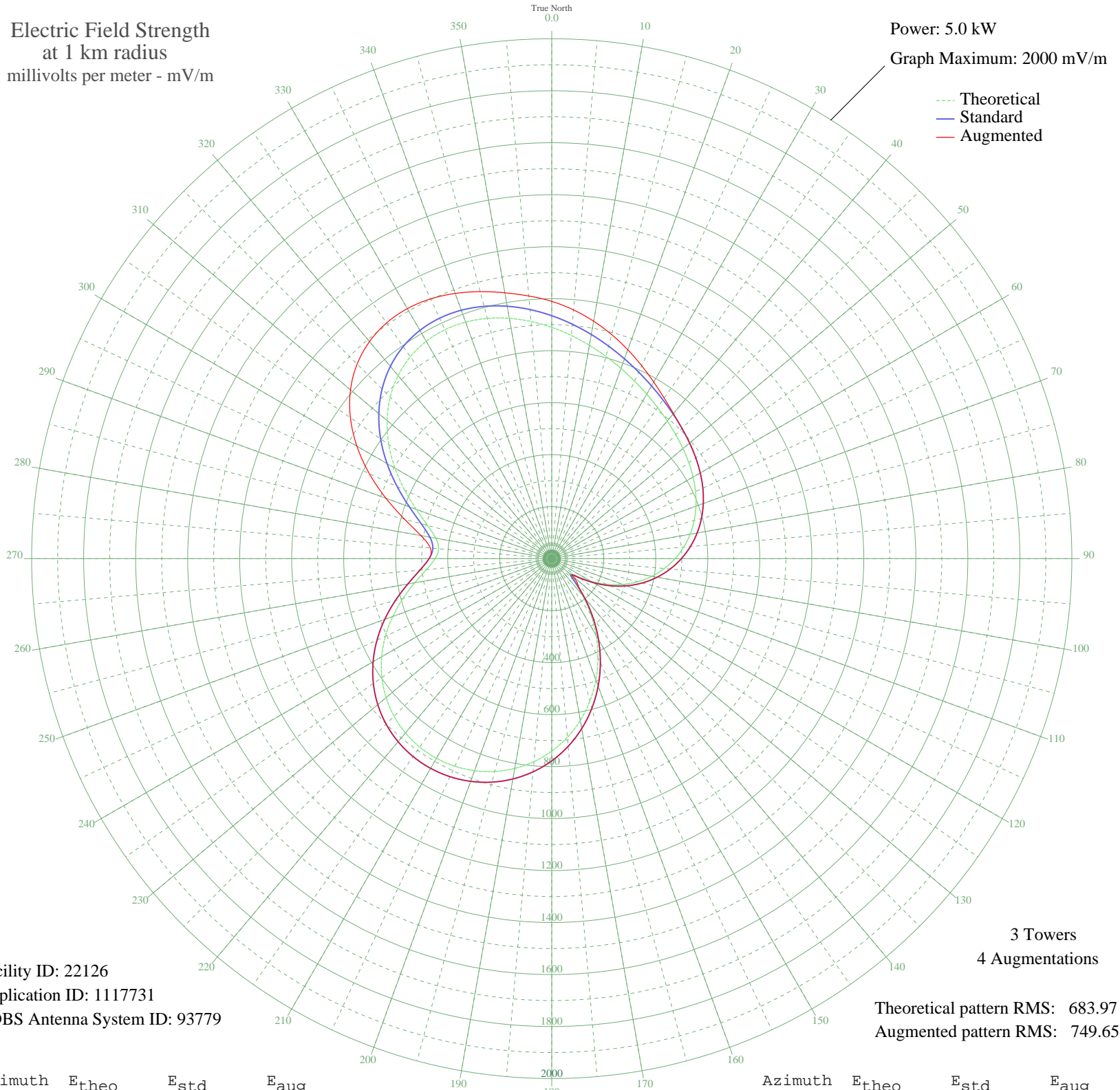


WDAY FARGO, ND BML-20060221AGU 970 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 22126  
Application ID: 1117731  
CDBS Antenna System ID: 93779

Theoretical pattern RMS: 683.97  
Augmented pattern RMS: 749.65

Azimuth	Etheo	Estd	Eaug
0	889.80	934.58	989.75
5	861.97	905.38	960.55
10	833.54	875.54	927.53
15	805.49	846.09	891.90
20	778.60	817.87	855.10
25	753.45	791.47	818.71
30	730.42	767.30	784.40
35	709.66	745.51	753.79
40	691.07	726.01	728.21
45	674.30	708.41	708.41
50	658.71	692.05	692.05
55	643.47	676.05	676.05
60	627.61	659.41	659.41
65	610.15	641.08	641.08
70	590.20	620.15	620.15
75	567.05	595.87	595.87
80	540.20	567.69	567.69
85	509.33	535.32	535.32
90	474.29	498.56	498.56
95	434.97	457.33	457.33
100	391.26	411.50	411.52
105	343.04	360.96	361.01
110	290.29	305.71	305.80
115	233.38	246.17	246.33
120	173.91	184.11	184.38
125	117.85	125.95	126.43
130	88.17	95.51	106.64
135	118.43	126.55	141.99
140	184.75	195.40	195.71
145	261.93	276.03	276.22
150	341.79	359.64	359.76
155	420.69	442.35	442.42
160	496.36	521.70	521.74
165	567.16	595.98	596.00
170	631.93	663.94	663.95
175	689.88	724.75	724.75

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	740.54	777.93	777.93
185	783.71	823.23	823.23
190	819.32	860.60	860.60
195	847.41	890.09	890.09
200	868.03	911.73	911.73
205	881.19	925.55	925.55
210	886.86	931.50	931.50
215	884.91	929.45	929.45
220	875.14	919.20	919.20
225	857.36	900.53	900.53
230	831.38	873.27	873.27
235	797.21	837.40	837.40
240	755.08	793.19	793.19
245	705.75	741.41	741.41
250	650.64	683.58	683.58
255	592.29	622.34	622.34
260	534.74	561.96	561.96
265	484.09	508.84	508.84
270	448.53	471.54	471.54
275	436.51	458.94	468.56
280	452.65	475.86	510.83
285	494.52	519.78	586.12
290	554.55	582.75	678.23
295	624.13	655.76	774.20
300	696.01	731.18	865.14
305	764.73	803.31	945.10
310	826.40	868.04	1010.25
315	878.40	922.62	1058.37
320	919.19	965.44	1090.11
325	948.14	995.82	1107.13
330	965.37	1013.91	1110.58
335	971.66	1020.51	1102.52
340	968.25	1016.94	1085.71
345	956.68	1004.79	1063.29
350	938.65	985.86	1038.48
355	915.82	961.90	1014.19