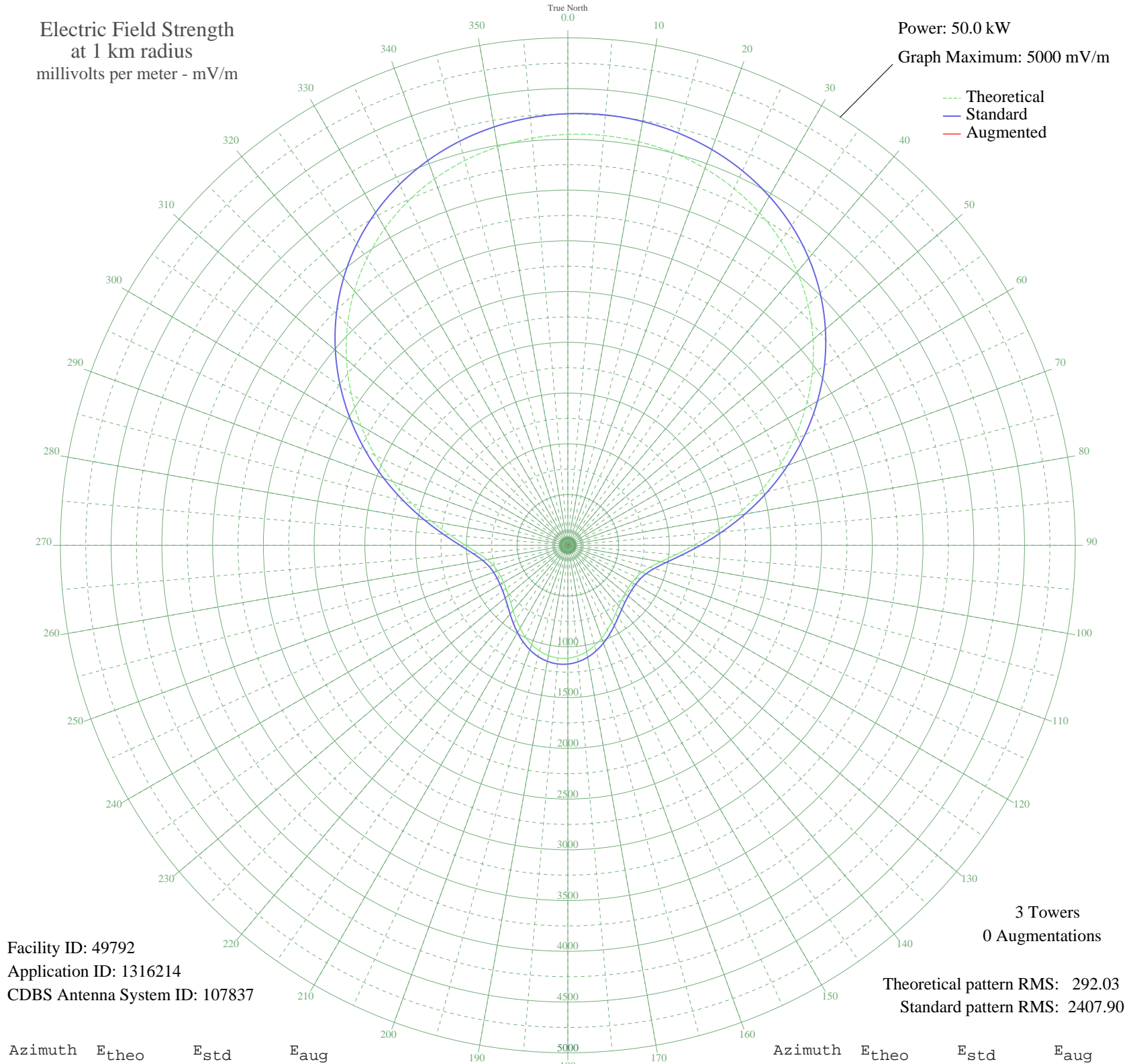


KFNW WEST FARGO, ND BMML-20090130AVH 1200 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 49792
Application ID: 1316214
CDBS Antenna System ID: 107837

Theoretical pattern RMS: 292.03
Standard pattern RMS: 2407.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4049.09	4252.26	
5	4052.77	4256.12	
10	4038.00	4240.62	
15	4004.39	4205.34	
20	3951.09	4149.38	
25	3876.92	4071.52	
30	3780.55	3970.35	
35	3660.71	3844.54	
40	3516.47	3693.12	
45	3347.51	3515.75	
50	3154.42	3313.06	
55	2938.97	3086.90	
60	2704.27	2840.55	
65	2454.91	2578.84	
70	2196.98	2308.15	
75	1937.90	2036.29	
80	1686.20	1772.23	
85	1451.10	1525.65	
90	1241.85	1306.28	
95	1066.71	1122.76	
100	931.22	980.89	
105	836.29	881.56	
110	777.11	819.69	
115	744.96	786.09	
120	730.86	771.36	
125	728.78	769.19	
130	736.39	777.14	
135	753.93	795.46	
140	782.22	825.03	
145	821.07	865.65	
150	868.46	915.21	
155	920.82	970.01	
160	973.76	1025.42	
165	1022.84	1076.81	
170	1064.12	1120.04	
175	1094.46	1151.83	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1111.69	1169.88	
185	1114.61	1172.94	
190	1103.02	1160.79	
195	1077.71	1134.28	
200	1040.48	1095.29	
205	994.09	1046.71	
210	942.18	992.37	
215	889.04	936.75	
220	839.17	884.58	
225	796.57	840.03	
230	763.93	805.91	
235	742.16	783.17	
240	730.69	771.18	
245	728.79	769.20	
250	737.58	778.38	
255	761.55	803.43	
260	808.76	852.78	
265	888.53	936.21	
270	1007.58	1060.83	
275	1167.31	1228.16	
280	1363.80	1434.11	
285	1589.64	1670.95	
290	1835.83	1929.20	
295	2093.03	2199.07	
300	2352.38	2471.23	
305	2605.97	2737.39	
310	2847.17	2990.55	
315	3070.78	3225.27	
320	3273.10	3437.64	
325	3451.84	3625.28	
330	3605.98	3787.08	
335	3735.50	3923.05	
340	3841.11	4033.93	
345	3924.00	4120.94	
350	3985.50	4185.50	
355	4026.86	4228.92	

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