

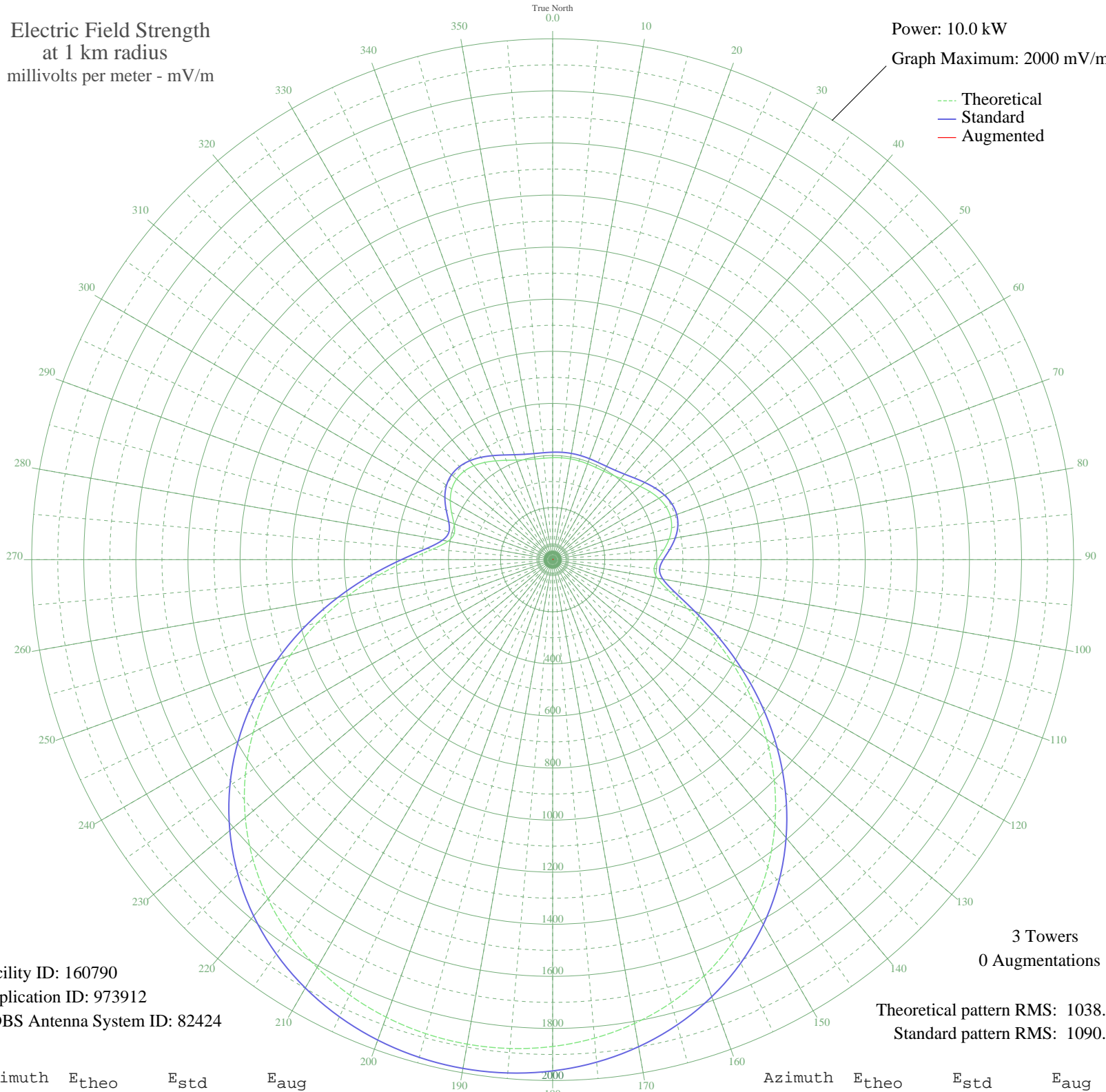
NEW PLAIN CITY, UT BNP-20040128APJ 1200 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 160790
Application ID: 973912
CDBS Antenna System ID: 82424

3 Towers
0 Augmentations

Theoretical pattern RMS: 1038.02
Standard pattern RMS: 1090.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	391.56	412.64	
5	392.59	413.72	
10	393.06	414.21	
15	392.59	413.72	
20	391.56	412.64	
25	391.03	412.09	
30	392.52	413.65	
35	397.54	418.89	
40	407.05	428.84	
45	420.96	443.41	
50	437.96	461.20	
55	455.59	479.66	
60	470.78	495.57	
65	480.33	505.57	
70	481.50	506.79	
75	472.61	497.48	
80	453.80	477.79	
85	428.12	450.90	
90	402.94	424.54	
95	391.02	412.07	
100	407.76	429.59	
105	462.37	486.76	
110	552.12	580.79	
115	667.22	701.47	
120	797.43	838.04	
125	934.32	981.67	
130	1071.39	1125.51	
135	1203.67	1264.34	
140	1327.49	1394.31	
145	1440.29	1512.72	
150	1540.48	1617.89	
155	1627.29	1709.01	
160	1700.58	1785.96	
165	1760.73	1849.10	
170	1808.38	1899.12	
175	1844.32	1936.86	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1869.34	1963.12	
185	1884.06	1978.58	
190	1888.92	1983.68	
195	1884.06	1978.58	
200	1869.34	1963.12	
205	1844.32	1936.86	
210	1808.38	1899.12	
215	1760.73	1849.10	
220	1700.58	1785.96	
225	1627.29	1709.01	
230	1540.48	1617.89	
235	1440.29	1512.72	
240	1327.49	1394.31	
245	1203.67	1264.34	
250	1071.39	1125.51	
255	934.32	981.67	
260	797.43	838.04	
265	667.22	701.47	
270	552.12	580.79	
275	462.37	486.76	
280	407.76	429.59	
285	391.02	412.07	
290	402.94	424.54	
295	428.12	450.90	
300	453.80	477.79	
305	472.61	497.48	
310	481.50	506.79	
315	480.33	505.57	
320	470.78	495.57	
325	455.59	479.66	
330	437.96	461.20	
335	420.97	443.41	
340	407.05	428.84	
345	397.54	418.89	
350	392.52	413.65	
355	391.03	412.09	

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.

15 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission