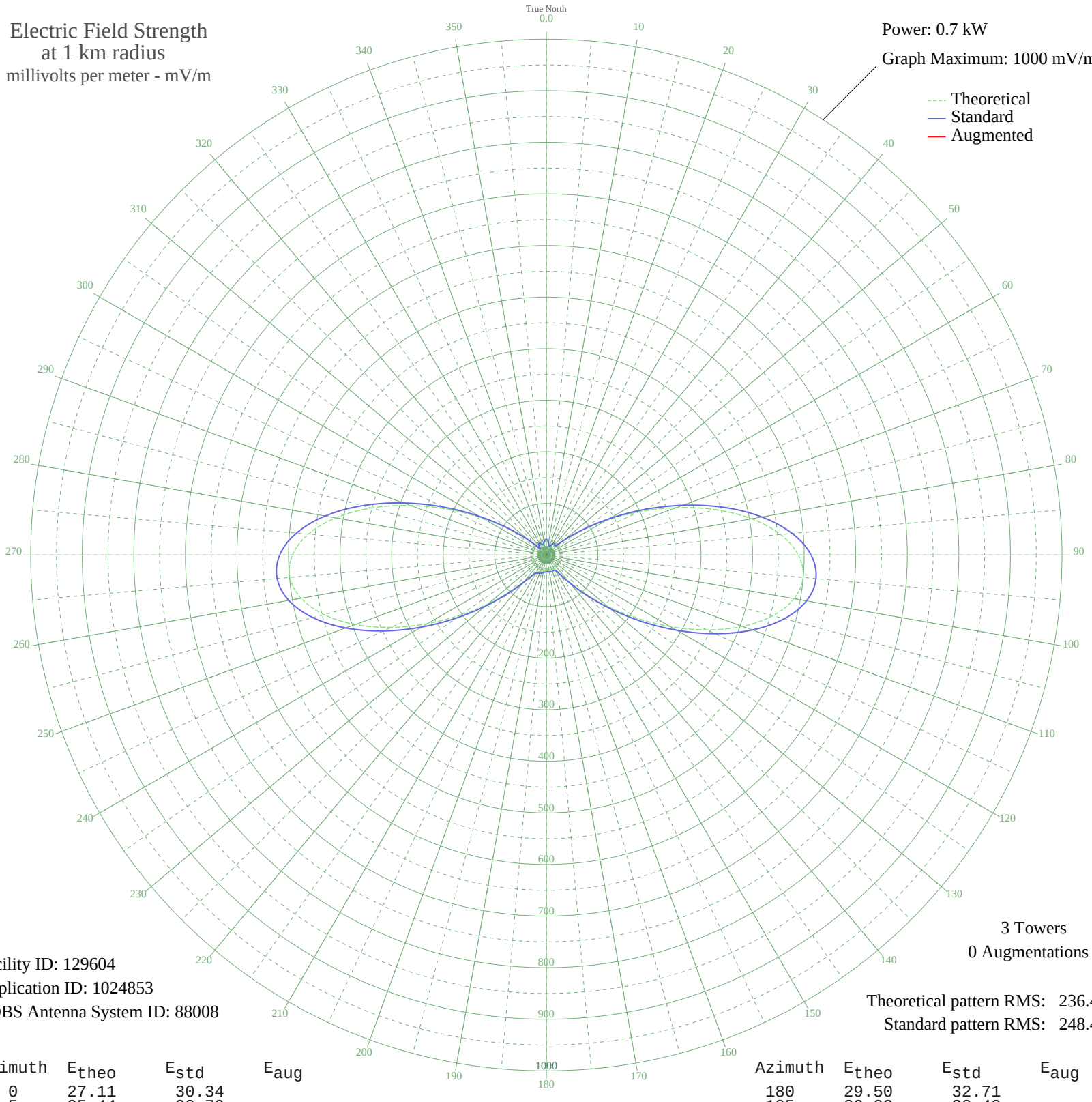
DKJJL PINE BLUFFS, WY 3NP-20001023ADJ 540 kHz

Nighttime

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



Power: 0.7 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 129604
Application ID: 1024853
CDBS Antenna System ID: 88008

Theoretical pattern RMS: 236.45
Standard pattern RMS: 248.49

Azimuth	E_{theo}	E_{std}	E_{aug}	Azimuth	E_{theo}	E_{std}	E_{aug}
0	27.11	30.34		180	29.50	32.71	
5	25.44	28.70		185	30.23	33.43	
10	21.12	24.54		190	31.64	34.84	
15	15.69	19.54		195	33.28	36.48	
20	13.14	17.34		200	34.59	37.81	
25	16.68	20.42		205	35.53	38.75	
30	21.96	25.34		210	37.84	41.10	
35	24.39	27.67		215	46.45	49.89	
40	22.20	25.56		220	66.73	70.85	
45	21.65	25.04		225	100.37	105.91	
50	40.76	44.07		230	146.45	154.13	
55	79.61	84.25		235	202.87	213.27	
60	133.06	140.11		240	266.29	279.80	
65	197.50	207.64		245	331.98	348.74	
70	268.29	281.90		250	394.14	413.98	
75	339.44	356.57		255	446.42	468.86	
80	404.18	424.51		260	482.91	507.17	
85	455.83	478.73		265	499.03	524.09	
90	488.87	513.42		270	492.39	517.12	
95	499.83	524.93		275	463.28	486.56	
100	487.87	512.37		280	414.65	435.51	
105	454.83	477.68		285	351.67	369.40	
110	404.89	425.27		290	280.82	295.04	
115	343.78	361.12		295	208.90	219.59	
120	277.78	291.86		300	142.03	149.50	
125	212.84	223.73		305	84.94	89.81	
130	153.88	161.91		310	40.80	44.11	
135	104.42	110.15		315	13.59	17.72	
140	66.76	70.88		320	16.24	20.02	
145	42.39	45.73		325	23.14	26.47	
150	31.62	34.82		330	23.77	27.08	
155	29.97	33.18		335	20.59	24.03	
160	30.67	33.87		340	17.67	21.32	
165	30.78	33.98		345	18.57	22.15	
170	30.21	33.41		350	22.37	25.73	
175	29.59	32.79		355	25.87	29.12	

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 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission