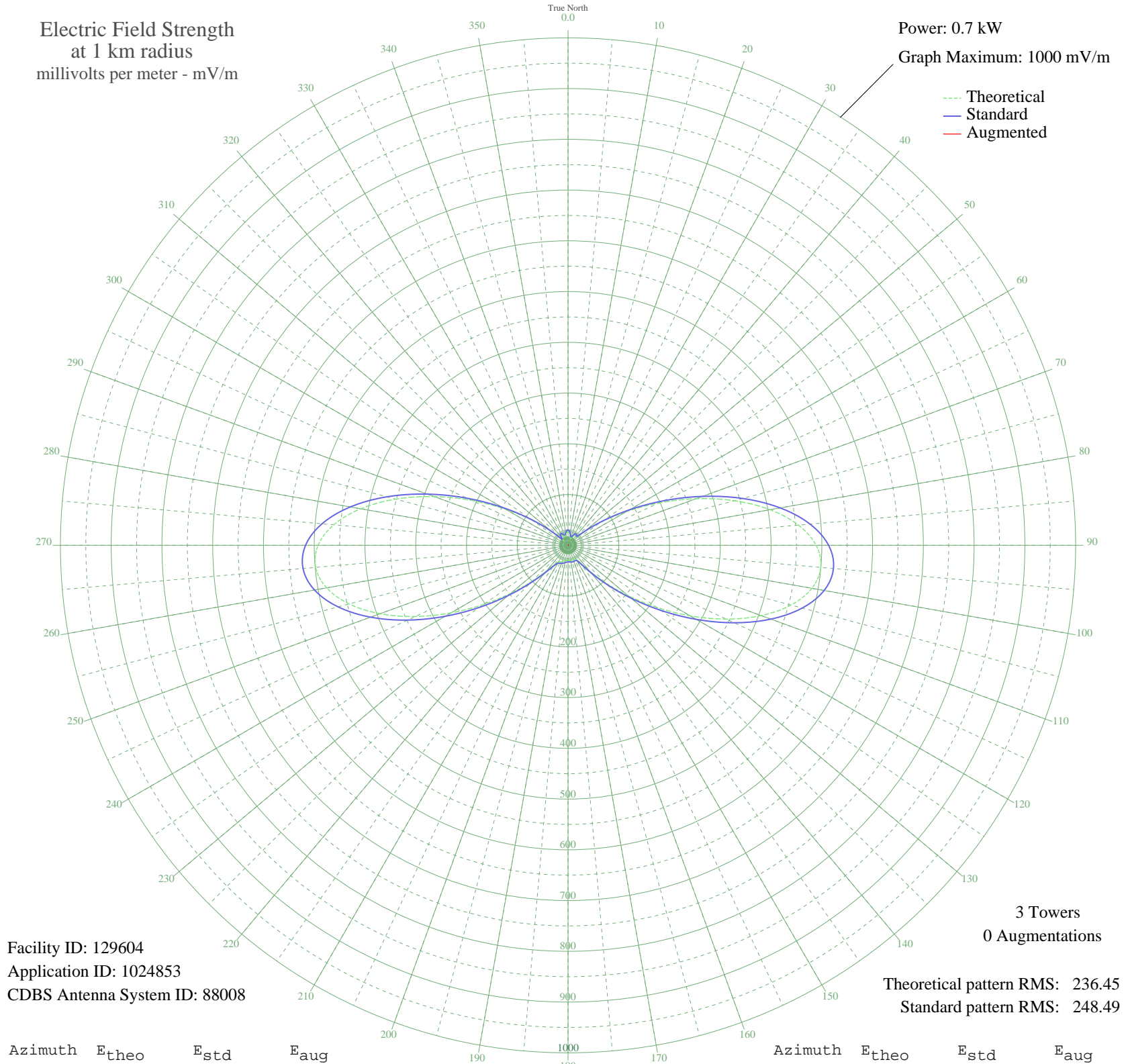


DKJJL PINE BLUFFS, WY BNP-20001023ADJ 540 kHz

Nighttime

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

Power: 0.7 kW  
Graph Maximum: 1000 mV/m



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

3 Towers  
0 Augmentations

Theoretical pattern RMS: 236.45  
Standard pattern RMS: 248.49

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	27.11	30.34	
5	25.44	28.70	
10	21.12	24.54	
15	15.69	19.54	
20	13.14	17.34	
25	16.68	20.42	
30	21.96	25.34	
35	24.39	27.67	
40	22.20	25.56	
45	21.65	25.04	
50	40.76	44.07	
55	79.61	84.25	
60	133.06	140.11	
65	197.50	207.64	
70	268.29	281.90	
75	339.44	356.57	
80	404.18	424.51	
85	455.83	478.73	
90	488.87	513.42	
95	499.83	524.93	
100	487.87	512.37	
105	454.83	477.68	
110	404.89	425.27	
115	343.78	361.12	
120	277.78	291.86	
125	212.84	223.73	
130	153.88	161.91	
135	104.42	110.15	
140	66.76	70.88	
145	42.39	45.73	
150	31.62	34.82	
155	29.97	33.18	
160	30.67	33.87	
165	30.78	33.98	
170	30.21	33.41	
175	29.59	32.79	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	29.50	32.71	
185	30.23	33.43	
190	31.64	34.84	
195	33.28	36.48	
200	34.59	37.81	
205	35.53	38.75	
210	37.84	41.10	
215	46.45	49.89	
220	66.73	70.85	
225	100.37	105.91	
230	146.45	154.13	
235	202.87	213.27	
240	266.29	279.80	
245	331.98	348.74	
250	394.14	413.98	
255	446.42	468.86	
260	482.91	507.17	
265	499.03	524.09	
270	492.39	517.12	
275	463.28	486.56	
280	414.65	435.51	
285	351.67	369.40	
290	280.82	295.04	
295	208.90	219.59	
300	142.03	149.50	
305	84.94	89.81	
310	40.80	44.11	
315	13.59	17.72	
320	16.24	20.02	
325	23.14	26.47	
330	23.77	27.08	
335	20.59	24.03	
340	17.67	21.32	
345	18.57	22.15	
350	22.37	25.73	
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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission