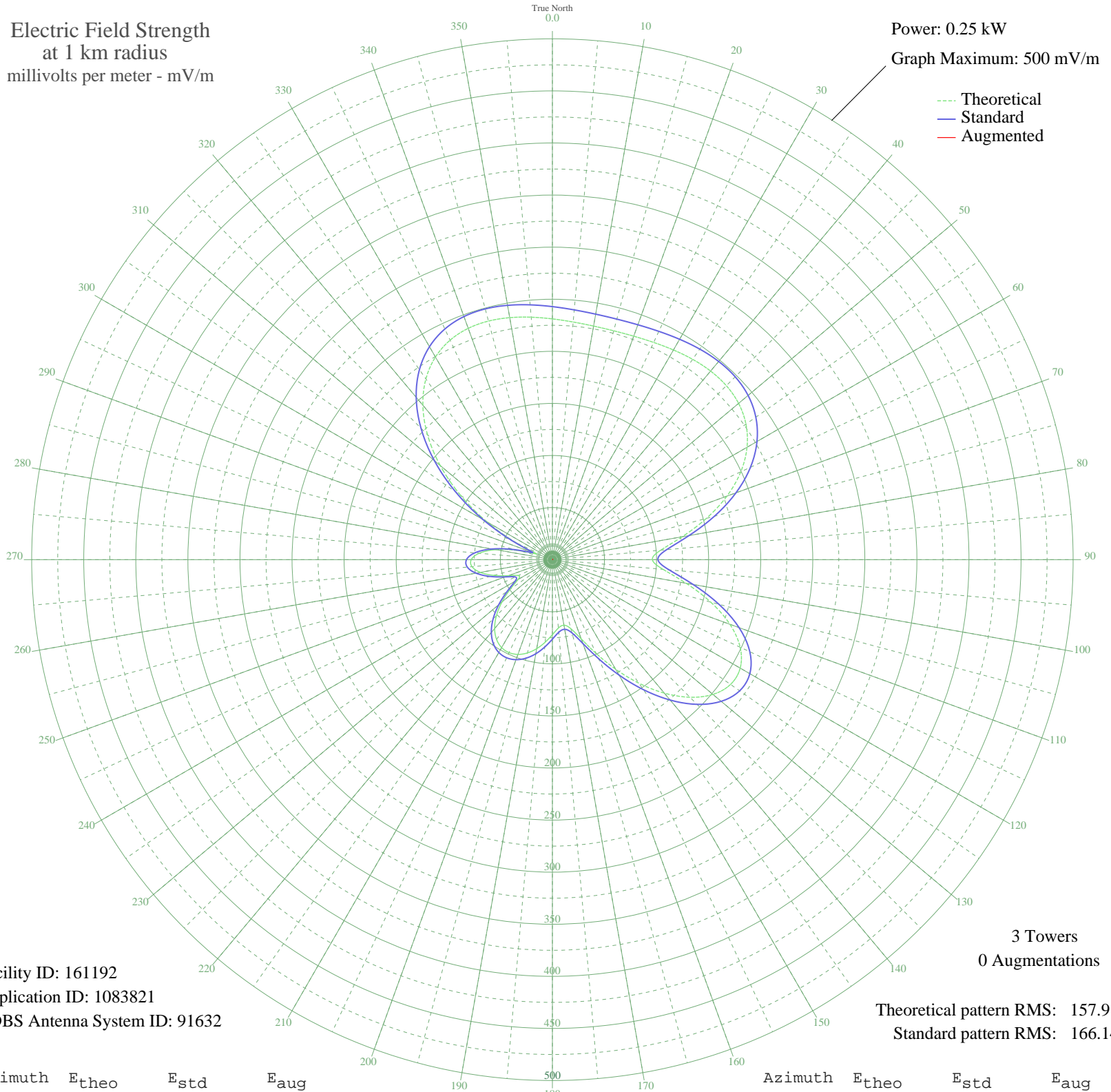


KHNY BIG HORN, WY BNP-20050913ABJ 1370 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



Facility ID: 161192
Application ID: 1083821
CDBS Antenna System ID: 91632

3 Towers
0 Augmentations

Theoretical pattern RMS: 157.91
Standard pattern RMS: 166.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	231.13	242.92	
5	229.01	240.69	
10	227.70	239.32	
15	227.46	239.06	
20	228.31	239.96	
25	230.10	241.83	
30	232.44	244.29	
35	234.78	246.74	
40	236.34	248.38	
45	236.22	248.25	
50	233.40	245.30	
55	226.89	238.46	
60	215.81	226.84	
65	199.62	209.86	
70	178.36	187.57	
75	153.07	161.06	
80	126.48	133.22	
85	104.37	110.09	
90	95.95	101.29	
95	106.66	112.49	
100	130.31	137.23	
105	157.34	165.54	
110	181.41	190.77	
115	198.96	209.17	
120	208.25	218.92	
125	208.83	219.52	
130	201.25	211.57	
135	186.80	196.42	
140	167.27	175.95	
145	144.73	152.33	
150	121.34	127.84	
155	99.31	104.80	
160	80.95	85.64	
165	68.62	72.81	
170	63.85	67.86	
175	65.88	69.96	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	71.99	76.31	
185	79.52	84.16	
190	86.76	91.70	
195	92.72	97.92	
200	96.77	102.15	
205	98.48	103.94	
210	97.48	102.89	
215	93.47	98.71	
220	86.30	91.22	
225	76.04	80.53	
230	63.24	67.22	
235	49.36	52.89	
240	38.06	41.32	
245	35.96	39.19	
250	44.96	48.36	
255	58.33	62.13	
260	70.27	74.53	
265	77.48	82.03	
270	77.93	82.50	
275	70.54	74.81	
280	55.24	58.94	
285	33.44	36.65	
290	16.06	19.86	
295	38.12	41.38	
300	72.48	76.83	
305	107.64	113.51	
310	140.64	148.04	
315	169.64	178.43	
320	193.52	203.47	
325	211.80	222.64	
330	224.60	236.07	
335	232.49	244.34	
340	236.32	248.36	
345	237.11	249.19	
350	235.91	247.92	
355	233.64	245.55	

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission