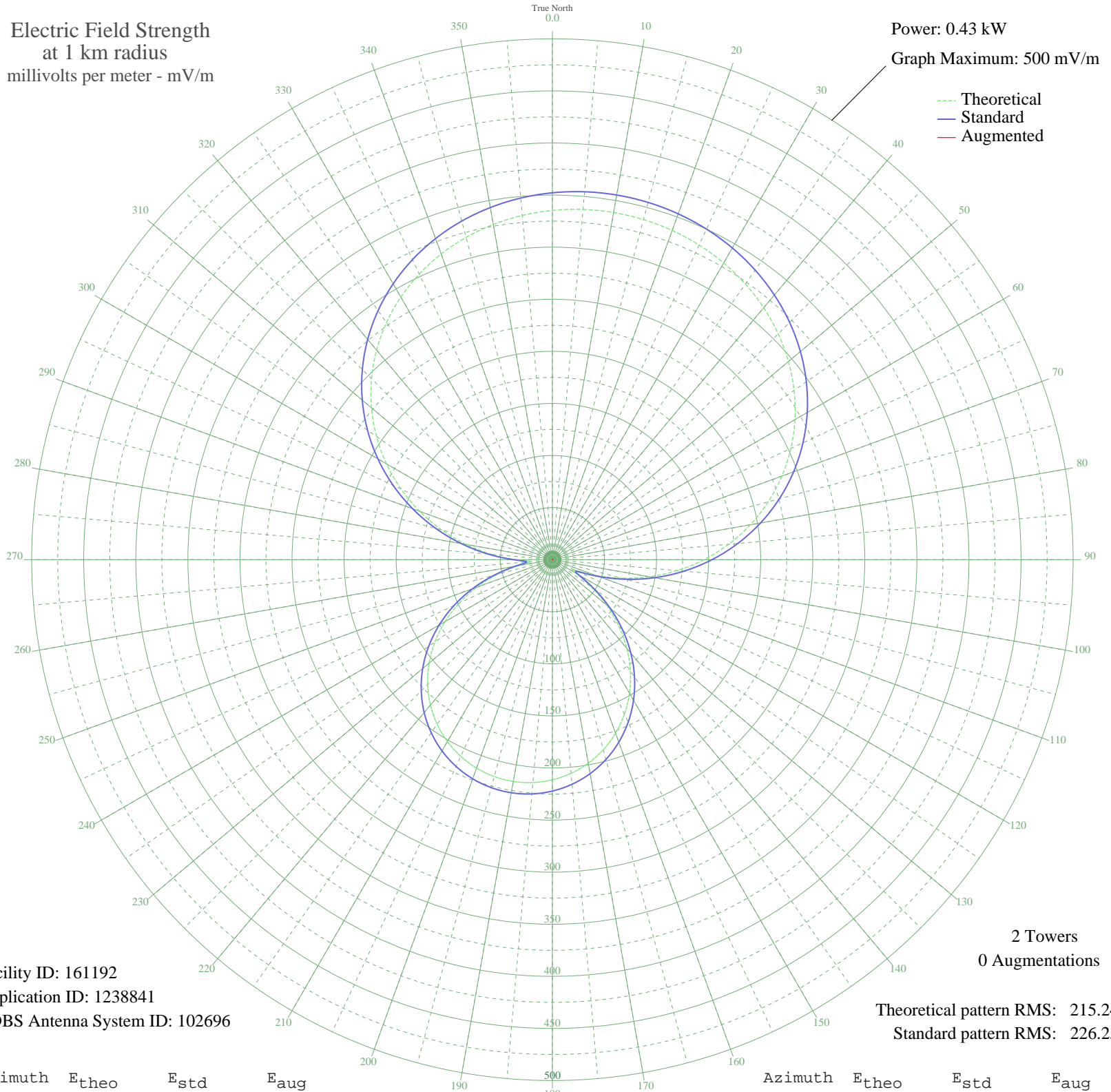


# KHNY HUNTLEY, MT BMP-20080401AQR 1380 kHz

Nighttime

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

Power: 0.43 kW  
Graph Maximum: 500 mV/m



Facility ID: 161192  
Application ID: 1238841  
CDBS Antenna System ID: 102696

2 Towers  
0 Augmentations

Theoretical pattern RMS: 215.24  
Standard pattern RMS: 226.25

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	335.27	352.19	
5	337.48	354.50	
10	338.38	355.45	
15	337.99	355.05	
20	336.31	353.28	
25	333.30	350.12	
30	328.91	345.51	
35	323.06	339.37	
40	315.66	331.61	
45	306.63	322.13	
50	295.87	310.84	
55	283.31	297.66	
60	268.91	282.55	
65	252.63	265.47	
70	234.50	246.45	
75	214.59	225.57	
80	193.02	202.94	
85	169.95	178.75	
90	145.61	153.25	
95	120.31	126.76	
100	94.42	99.69	
105	68.47	72.66	
110	43.56	46.93	
115	23.93	27.23	
120	25.91	29.16	
125	45.66	49.08	
130	68.18	72.35	
135	90.29	95.39	
140	111.19	117.22	
145	130.51	137.43	
150	148.03	155.79	
155	163.65	172.15	
160	177.27	186.43	
165	188.85	198.57	
170	198.39	208.57	
175	205.88	216.43	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	211.33	222.14	
185	214.75	225.73	
190	216.16	227.21	
195	215.56	226.58	
200	212.94	223.83	
205	208.30	218.97	
210	201.63	211.97	
215	192.91	202.83	
220	182.15	191.54	
225	169.34	178.11	
230	154.51	162.58	
235	137.74	145.01	
240	119.12	125.51	
245	98.82	104.29	
250	77.14	81.67	
255	54.62	58.30	
260	32.97	36.18	
265	21.12	24.53	
270	34.53	37.75	
275	58.28	62.09	
280	84.00	88.83	
285	110.00	115.97	
290	135.59	142.76	
295	160.35	168.69	
300	183.96	193.44	
305	206.15	216.72	
310	226.75	238.32	
315	245.60	258.09	
320	262.62	275.95	
325	277.77	291.85	
330	291.07	305.80	
335	302.53	317.83	
340	312.25	328.03	
345	320.29	336.47	
350	326.75	343.25	
355	331.71	348.46	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission