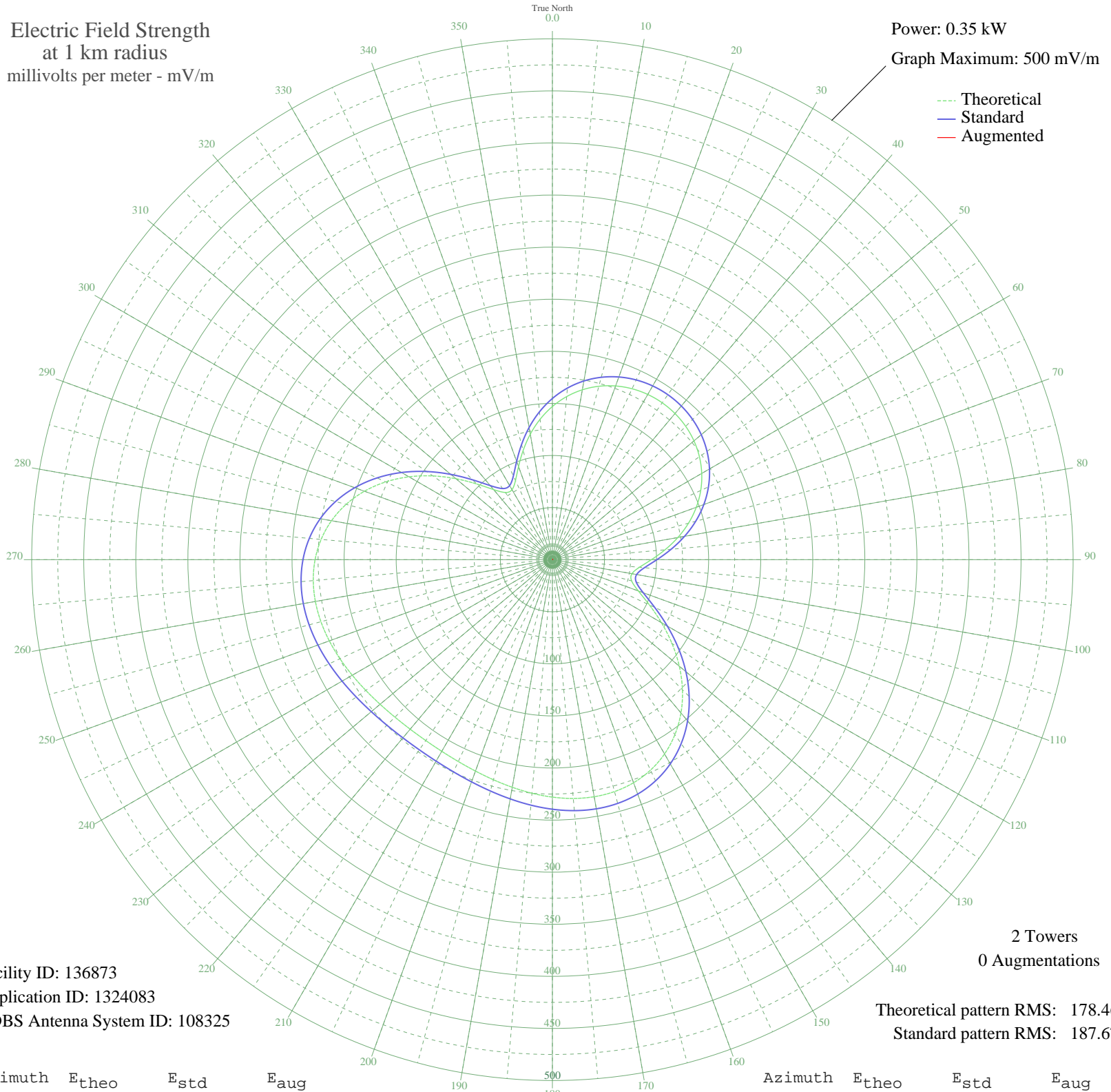


# KDCO JOHNSTOWN, CO BNP-20020426AAF 1250 kHz

Nighttime

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

Power: 0.35 kW  
Graph Maximum: 500 mV/m



Facility ID: 136873  
Application ID: 1324083  
CDBS Antenna System ID: 108325

2 Towers  
0 Augmentations

Theoretical pattern RMS: 178.46  
Standard pattern RMS: 187.67

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	147.03	154.74	
5	157.15	165.34	
10	165.58	174.17	
15	172.32	181.24	
20	177.44	186.61	
25	181.03	190.37	
30	183.14	192.58	
35	183.84	193.32	
40	183.14	192.58	
45	181.03	190.37	
50	177.44	186.61	
55	172.32	181.24	
60	165.58	174.17	
65	157.15	165.34	
70	147.03	154.74	
75	135.31	142.47	
80	122.28	128.82	
85	108.51	114.42	
90	95.09	100.39	
95	83.87	88.68	
100	77.56	82.11	
105	78.74	83.34	
110	87.80	92.79	
115	102.73	108.38	
120	120.88	127.36	
125	140.15	147.53	
130	159.06	167.34	
135	176.60	185.72	
140	192.08	201.96	
145	205.07	215.58	
150	215.36	226.38	
155	222.93	234.31	
160	227.88	239.51	
165	230.49	242.24	
170	231.09	242.87	
175	230.10	241.83	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	227.95	239.57	
185	225.07	236.55	
190	221.88	233.21	
195	218.74	229.92	
200	215.97	227.01	
205	213.81	224.75	
210	212.44	223.31	
215	211.98	222.82	
220	212.44	223.31	
225	213.81	224.75	
230	215.97	227.01	
235	218.74	229.92	
240	221.88	233.21	
245	225.07	236.55	
250	227.95	239.57	
255	230.10	241.83	
260	231.09	242.87	
265	230.49	242.24	
270	227.88	239.51	
275	222.93	234.31	
280	215.36	226.38	
285	205.07	215.58	
290	192.08	201.95	
295	176.60	185.72	
300	159.06	167.34	
305	140.15	147.53	
310	120.88	127.36	
315	102.73	108.38	
320	87.80	92.79	
325	78.74	83.34	
330	77.56	82.11	
335	83.87	88.68	
340	95.09	100.39	
345	108.51	114.42	
350	122.28	128.82	
355	135.31	142.47	