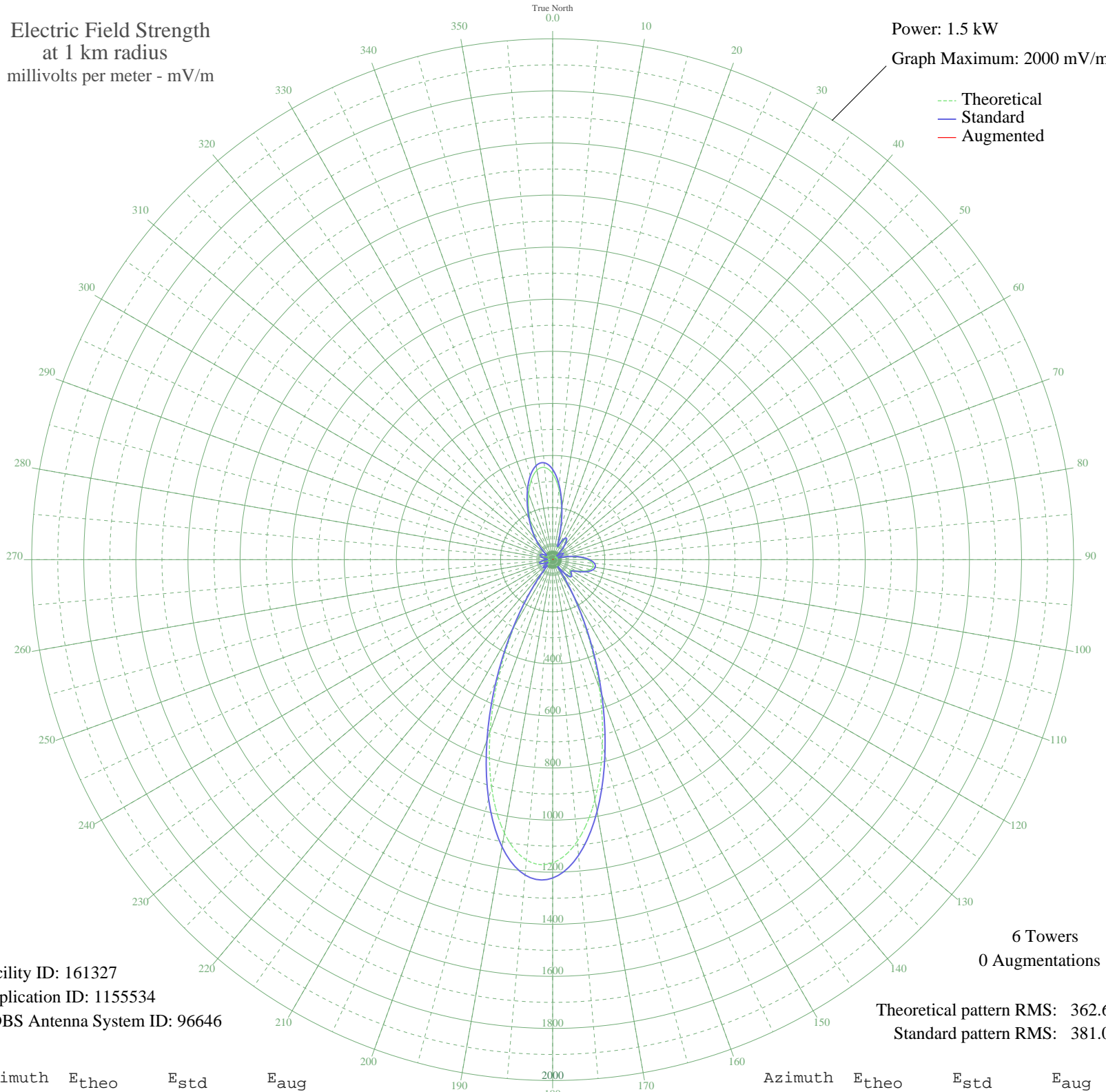


NEW GEISTOWN, PA BNP-20051031AFW 1350 kHz

Daytime

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

Power: 1.5 kW
Graph Maximum: 2000 mV/m



Facility ID: 161327
Application ID: 1155534
CDBS Antenna System ID: 96646

6 Towers
0 Augmentations
Theoretical pattern RMS: 362.60
Standard pattern RMS: 381.04

Azimuth	E _{theo}	E _{std}	E _{aug}
0	329.93	346.77	
5	272.92	286.98	
10	193.38	203.62	
15	108.12	114.55	
20	49.93	54.61	
25	66.61	71.59	
30	90.05	95.78	
35	88.50	94.17	
40	64.96	69.90	
45	30.57	35.55	
50	13.96	21.18	
55	34.94	39.75	
60	43.77	48.44	
65	35.75	40.53	
70	16.56	23.15	
75	29.71	34.74	
80	66.87	71.86	
85	103.73	109.99	
90	133.70	141.21	
95	152.49	160.84	
100	157.64	166.22	
105	148.71	156.89	
110	127.85	135.11	
115	101.17	107.32	
120	80.99	86.40	
125	80.19	85.57	
130	89.83	95.55	
135	87.22	92.84	
140	55.79	60.54	
145	36.80	41.55	
150	153.52	161.92	
155	322.30	338.76	
160	524.59	551.03	
165	738.28	775.34	
170	935.10	981.97	
175	1085.36	1139.73	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1164.19	1222.50	
185	1157.57	1215.55	
190	1066.11	1119.52	
195	905.30	950.69	
200	701.97	737.23	
205	487.94	512.56	
210	292.85	307.87	
215	138.60	146.33	
220	39.26	43.97	
225	32.46	37.36	
230	43.64	48.30	
235	31.80	36.72	
240	12.43	20.10	
245	23.29	28.84	
250	40.36	45.05	
255	47.67	52.34	
260	44.14	48.81	
265	31.85	36.77	
270	15.39	22.24	
275	13.16	20.61	
280	28.85	33.93	
285	41.55	46.22	
290	47.04	51.70	
295	43.88	48.55	
300	32.77	37.65	
305	20.87	26.72	
310	32.04	36.95	
315	60.50	65.34	
320	93.79	99.66	
325	130.20	137.56	
330	171.29	180.50	
335	218.45	229.88	
340	269.34	283.22	
345	316.45	332.62	
350	348.76	366.51	
355	355.44	373.53	

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.

22 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission