

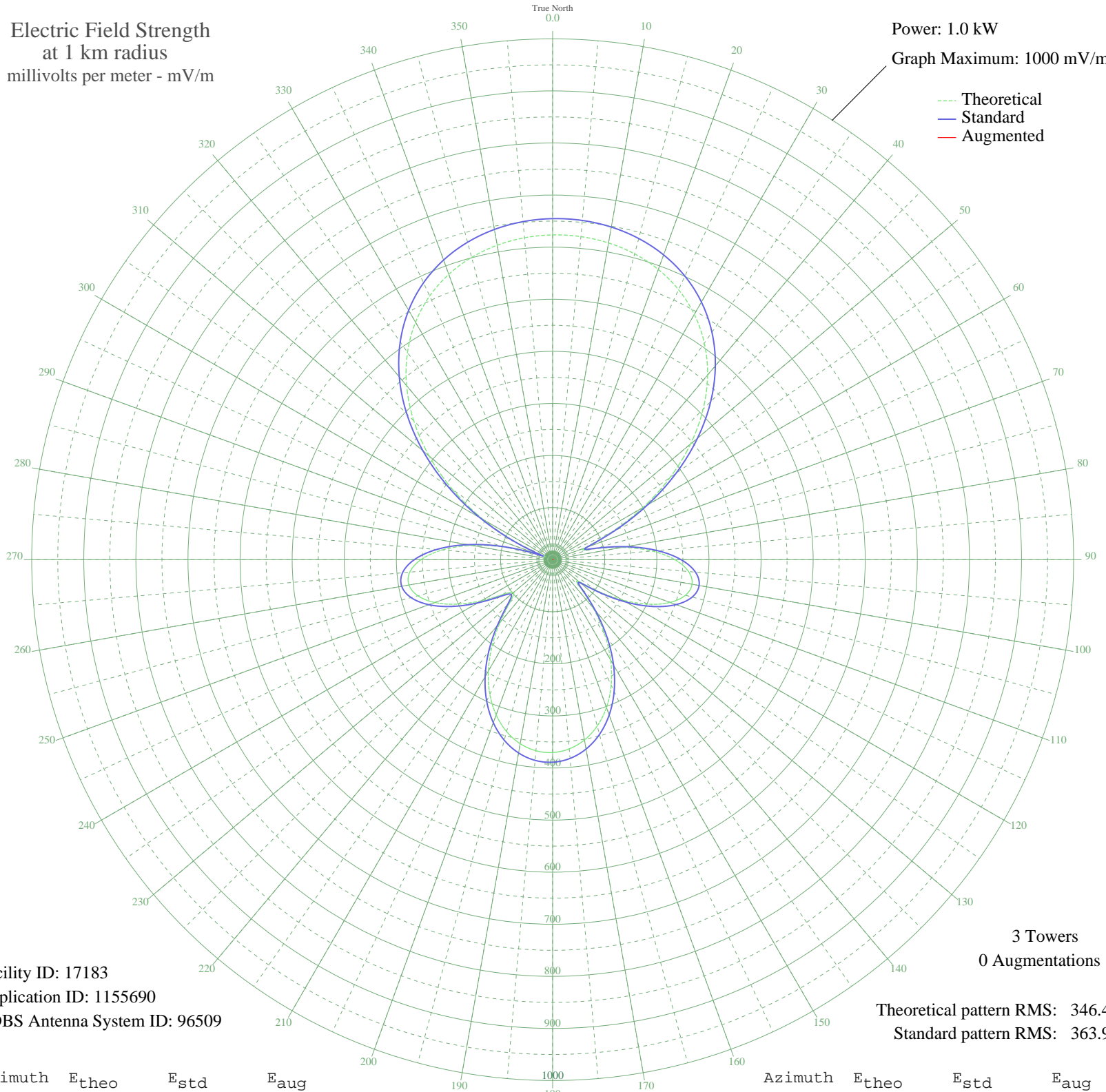
# KHNC JOHNSTOWN, CO BL-20061012ACY 1360 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 17183  
Application ID: 1155690  
CDBS Antenna System ID: 96509

3 Towers  
0 Augmentations

Theoretical pattern RMS: 346.47  
Standard pattern RMS: 363.94

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	623.51	654.77	
5	622.57	653.78	
10	617.49	648.45	
15	607.87	638.34	
20	593.00	622.73	
25	571.98	600.67	
30	543.83	571.12	
35	507.60	533.09	
40	462.58	485.83	
45	408.49	429.05	
50	345.68	363.12	
55	275.38	289.34	
60	200.03	210.30	
65	124.62	131.27	
70	65.92	70.00	
75	78.84	83.44	
80	136.04	143.23	
85	191.38	201.22	
90	234.60	246.55	
95	261.92	275.22	
100	271.73	285.51	
105	263.97	277.37	
110	239.99	252.21	
115	202.38	212.76	
120	154.98	163.07	
125	103.93	109.63	
130	64.86	68.91	
135	74.64	79.07	
140	121.10	127.59	
145	173.31	182.28	
150	222.48	233.84	
155	265.79	279.27	
160	302.01	317.28	
165	330.63	347.33	
170	351.52	369.25	
175	364.70	383.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	370.26	388.92	
185	368.26	386.82	
190	358.73	376.81	
195	341.66	358.89	
200	317.09	333.11	
205	285.23	299.67	
210	246.70	259.24	
215	202.89	213.29	
220	156.95	165.13	
225	116.41	122.68	
230	98.34	103.79	
235	117.04	123.34	
240	157.72	165.94	
245	202.10	212.46	
250	240.61	252.86	
255	267.80	281.38	
260	280.09	294.28	
265	275.33	289.29	
270	252.74	265.59	
275	212.90	223.79	
280	157.68	165.89	
285	90.19	95.28	
290	18.87	22.43	
295	71.45	75.76	
300	153.74	161.77	
305	234.15	246.08	
310	309.32	324.95	
315	377.06	396.05	
320	436.07	457.99	
325	485.81	510.21	
330	526.42	552.84	
335	558.51	586.52	
340	582.97	612.21	
345	600.82	630.95	
350	613.03	643.77	
355	620.41	651.52	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission