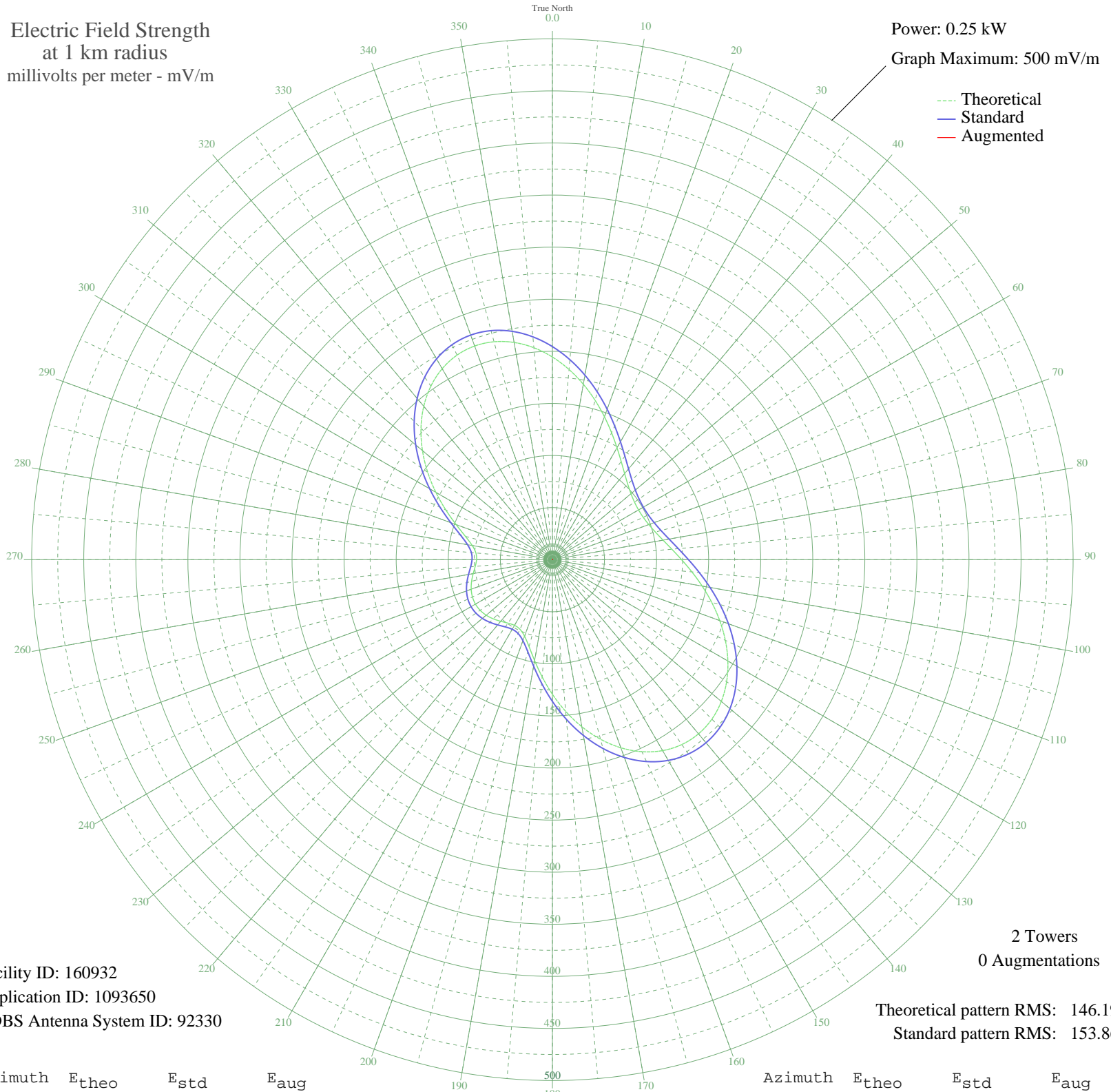


KNIW WINK, TX BNP-20051031AGA 1480 kHz

Nighttime

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

Power: 0.25 kW
Graph Maximum: 500 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 160932
Application ID: 1093650
CDBS Antenna System ID: 92330

2 Towers
0 Augmentations

Theoretical pattern RMS: 146.19
Standard pattern RMS: 153.86

Azimuth	E _{theo}	E _{std}	E _{aug}
0	194.54	204.53	
5	183.25	192.69	
10	170.99	179.84	
15	158.38	166.63	
20	146.03	153.69	
25	134.44	141.56	
30	124.04	130.67	
35	115.14	121.35	
40	107.89	113.77	
45	102.36	107.99	
50	98.51	103.97	
55	96.26	101.61	
60	95.51	100.84	
65	96.26	101.61	
70	98.51	103.97	
75	102.36	107.99	
80	107.89	113.77	
85	115.14	121.35	
90	124.04	130.67	
95	134.44	141.56	
100	146.03	153.69	
105	158.38	166.63	
110	170.99	179.84	
115	183.25	192.69	
120	194.54	204.53	
125	204.23	214.70	
130	211.74	222.57	
135	216.55	227.62	
140	218.27	229.42	
145	216.67	227.74	
150	211.67	222.50	
155	203.41	213.83	
160	192.17	202.05	
165	178.45	187.66	
170	162.86	171.32	
175	146.15	153.82	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	129.19	136.06	
185	112.92	119.03	
190	98.35	103.80	
195	86.48	91.41	
200	78.15	82.73	
205	73.73	78.12	
210	72.81	77.17	
215	74.38	78.80	
220	77.22	81.76	
225	80.32	84.99	
230	82.96	87.74	
235	84.70	89.56	
240	85.31	90.19	
245	84.70	89.56	
250	82.96	87.74	
255	80.32	84.99	
260	77.22	81.76	
265	74.38	78.80	
270	72.81	77.17	
275	73.73	78.12	
280	78.15	82.73	
285	86.48	91.41	
290	98.35	103.80	
295	112.92	119.03	
300	129.19	136.06	
305	146.15	153.82	
310	162.86	171.32	
315	178.45	187.66	
320	192.17	202.05	
325	203.41	213.83	
330	211.67	222.50	
335	216.67	227.74	
340	218.27	229.42	
345	216.55	227.62	
350	211.74	222.57	
355	204.23	214.70	

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