

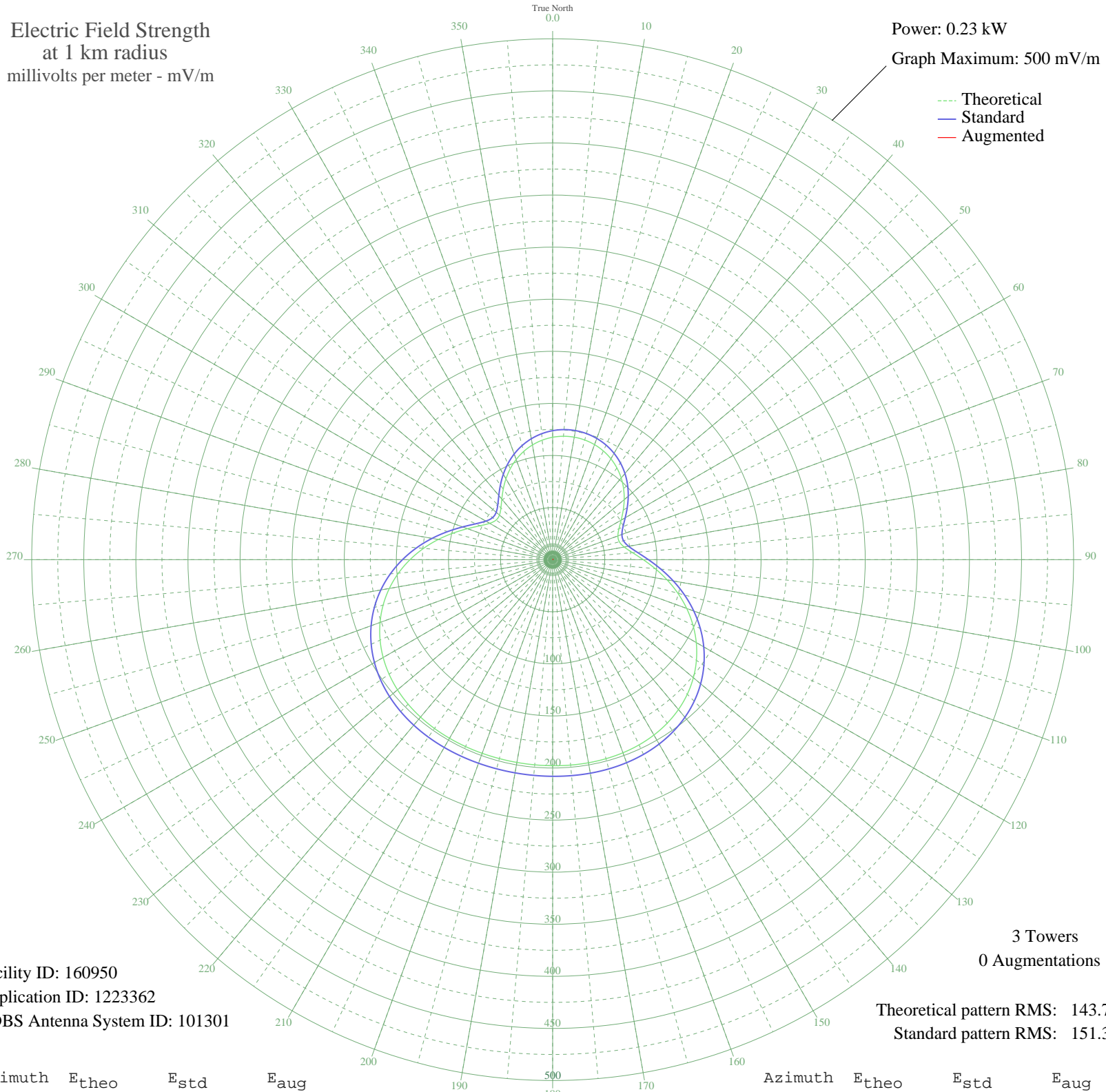
# KBQX BIG SPRING, TX BNP-20050118AGX 730 kHz

Daytime

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

Power: 0.23 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 160950  
Application ID: 1223362  
CDBS Antenna System ID: 101301

3 Towers  
0 Augmentations

Theoretical pattern RMS: 143.76  
Standard pattern RMS: 151.31

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	117.51	123.83	
5	118.93	125.31	
10	119.40	125.81	
15	118.93	125.31	
20	117.51	123.83	
25	115.14	121.35	
30	111.80	117.86	
35	107.52	113.38	
40	102.31	107.94	
45	96.29	101.65	
50	89.63	94.70	
55	82.66	87.43	
60	75.92	80.40	
65	70.21	74.47	
70	66.63	70.75	
75	66.27	70.38	
80	69.78	74.02	
85	76.95	81.48	
90	86.96	91.91	
95	98.78	104.25	
100	111.50	117.55	
105	124.40	131.04	
110	136.90	144.13	
115	148.59	156.37	
120	159.17	167.45	
125	168.43	177.17	
130	176.30	185.41	
135	182.74	192.17	
140	187.83	197.50	
145	191.66	201.51	
150	194.38	204.37	
155	196.19	206.27	
160	197.27	207.40	
165	197.81	207.96	
170	197.98	208.14	
175	197.94	208.10	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	197.82	207.97	
185	197.70	207.86	
190	197.66	207.81	
195	197.70	207.86	
200	197.82	207.97	
205	197.94	208.10	
210	197.98	208.14	
215	197.81	207.96	
220	197.27	207.40	
225	196.19	206.27	
230	194.38	204.37	
235	191.66	201.51	
240	187.83	197.50	
245	182.74	192.17	
250	176.30	185.41	
255	168.43	177.17	
260	159.17	167.45	
265	148.59	156.37	
270	136.90	144.13	
275	124.40	131.04	
280	111.50	117.55	
285	98.78	104.25	
290	86.96	91.91	
295	76.95	81.48	
300	69.78	74.02	
305	66.27	70.38	
310	66.63	70.75	
315	70.21	74.47	
320	75.92	80.40	
325	82.66	87.43	
330	89.63	94.70	
335	96.29	101.65	
340	102.31	107.94	
345	107.52	113.38	
350	111.80	117.86	
355	115.14	121.35	

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