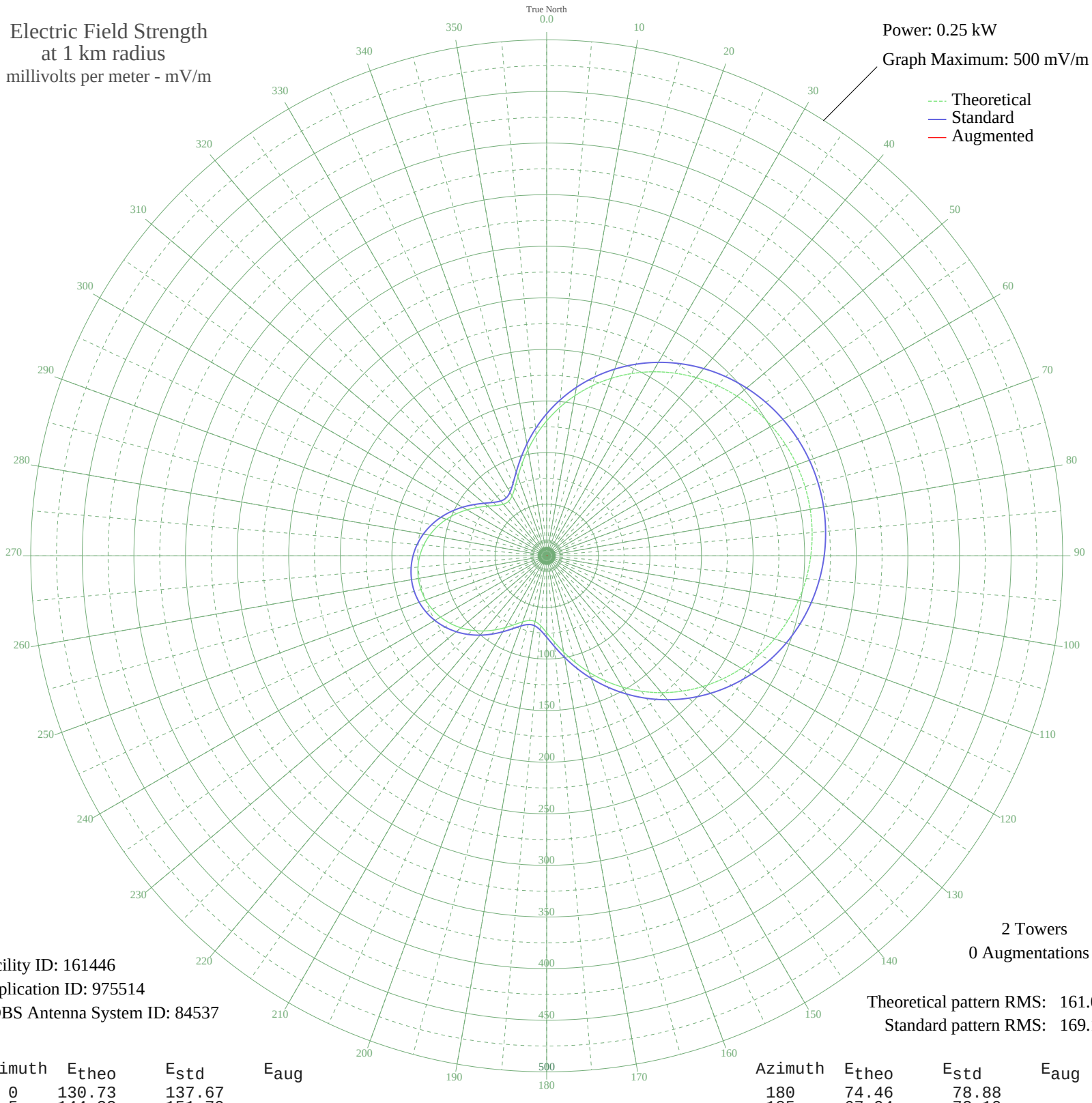
NEW KUNA, ID BNP-20040130BDY 1590 kHz

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

2 Towers
0 Augmentations

Facility ID: 161446
Application ID: 975514
CDBS Antenna System ID: 84537

Theoretical pattern RMS: 161.00
Standard pattern RMS: 169.10

Azimuth	E_{theo}	E_{std}	E_{aug}
0	130.73	137.67	
5	144.22	151.79	
10	157.56	165.77	
15	170.55	179.39	
20	183.03	192.47	
25	194.86	204.87	
30	205.91	216.46	
35	216.10	227.14	
40	225.33	236.83	
45	233.54	245.45	
50	240.69	252.94	
55	246.72	259.27	
60	251.61	264.39	
65	255.32	268.29	
70	257.85	270.94	
75	259.17	272.33	
80	259.29	272.46	
85	258.21	271.32	
90	255.92	268.92	
95	252.44	265.27	
100	247.79	260.39	
105	241.99	254.30	
110	235.06	247.04	
115	227.06	238.64	
120	218.02	229.16	
125	208.02	218.67	
130	197.13	207.26	
135	185.45	195.01	
140	173.09	182.05	
145	160.19	168.53	
150	146.90	154.61	
155	133.43	140.49	
160	120.01	126.45	
165	106.96	112.80	
170	94.65	99.94	
175	83.60	88.41	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	74.46	78.88	
185	67.94	72.10	
190	64.67	68.71	
195	64.85	68.90	
200	68.07	72.24	
205	73.52	77.90	
210	80.29	84.95	
215	87.65	92.63	
220	95.05	100.35	
225	102.09	107.71	
230	108.52	114.43	
235	114.12	120.29	
240	118.77	125.15	
245	122.36	128.91	
250	124.83	131.49	
255	126.13	132.86	
260	126.25	132.98	
265	125.18	131.86	
270	122.95	129.52	
275	119.57	125.99	
280	115.13	121.34	
285	109.71	115.67	
290	103.44	109.11	
295	96.49	101.86	
300	89.14	94.18	
305	81.73	86.46	
310	74.79	79.23	
315	69.01	73.22	
320	65.27	69.34	
325	64.43	68.46	
330	67.01	71.14	
335	72.92	77.28	
340	81.60	86.32	
345	92.32	97.51	
350	104.42	110.14	
355	117.36	123.68	

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.

15 Feb 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission