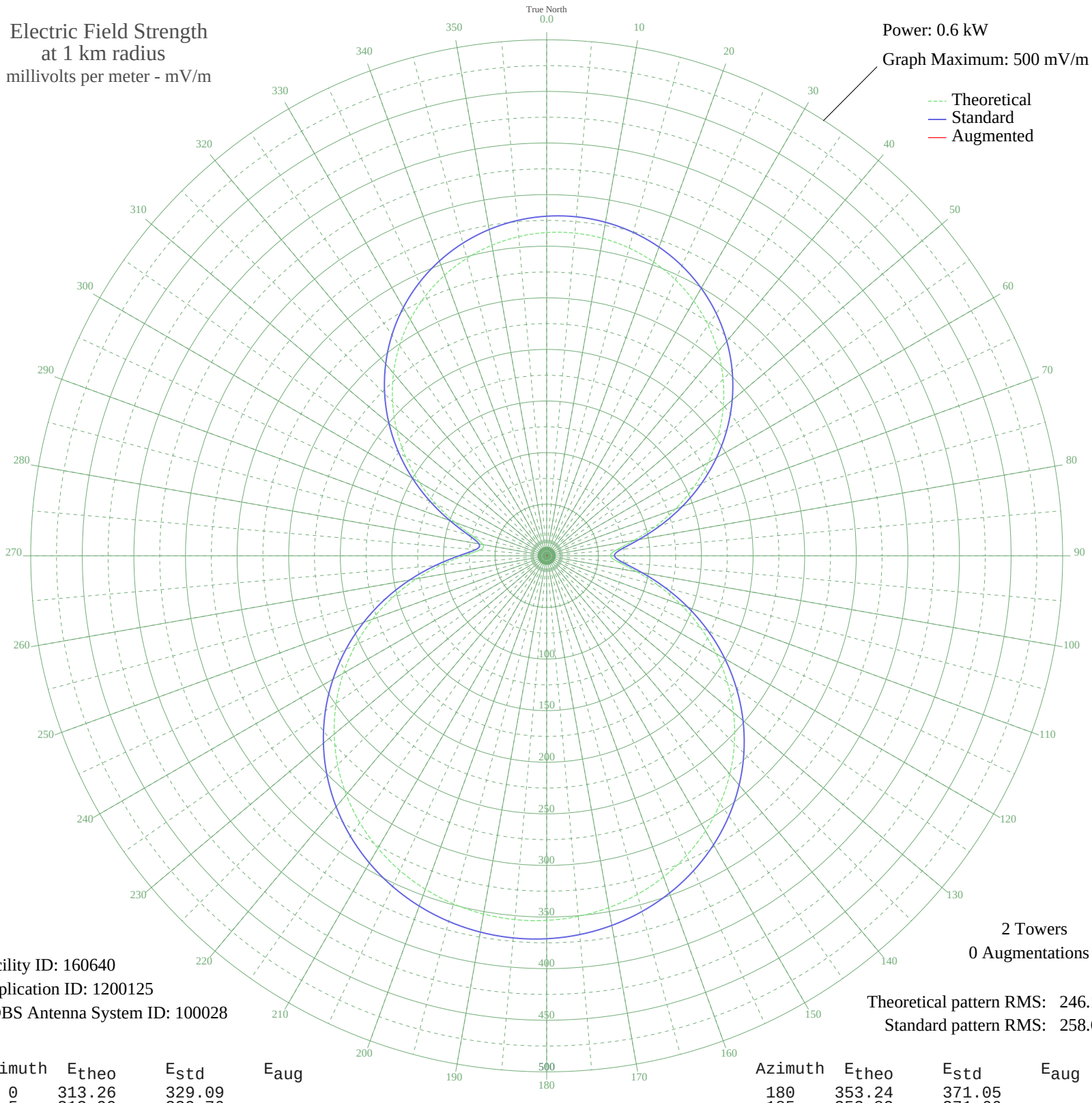
NEW LA GRANDE, OR BNP-20051031ABQ 1030 kHz

Nighttime

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



Power: 0.6 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 160640
Application ID: 1200125
CDBS Antenna System ID: 100028

Theoretical pattern RMS: 246.10
Standard pattern RMS: 258.60

Azimuth	E_{theo}	E_{std}	E_{aug}
0	313.26	329.09	
5	313.90	329.76	
10	312.41	328.20	
15	308.79	324.40	
20	303.04	318.36	
25	295.12	310.06	
30	285.04	299.48	
35	272.79	286.62	
40	258.38	271.50	
45	241.85	254.16	
50	223.29	234.69	
55	202.83	213.23	
60	180.68	190.00	
65	157.17	165.36	
70	132.81	139.84	
75	108.47	114.38	
80	85.83	90.73	
85	68.28	72.46	
90	61.73	65.66	
95	69.90	74.14	
100	88.76	93.78	
105	112.65	118.74	
110	138.36	145.66	
115	164.31	172.84	
120	189.61	199.37	
125	213.75	224.68	
130	236.36	248.40	
135	257.20	270.27	
140	276.12	290.11	
145	293.00	307.83	
150	307.80	323.36	
155	320.50	336.69	
160	331.12	347.83	
165	339.67	356.80	
170	346.18	363.64	
175	350.70	368.38	

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.

24 Dec 2007

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	353.24	371.05	
185	353.82	371.66	
190	352.46	370.23	
195	349.13	366.74	
200	343.82	361.16	
205	336.49	353.47	
210	327.12	343.64	
215	315.68	331.63	
220	302.13	317.41	
225	286.49	301.00	
230	268.79	282.43	
235	249.09	261.76	
240	227.52	239.13	
245	204.26	214.73	
250	179.61	188.88	
255	153.96	162.00	
260	127.98	134.79	
265	102.74	108.39	
270	80.34	85.01	
275	64.98	69.03	
280	62.63	66.59	
285	74.36	78.78	
290	94.52	99.80	
295	118.12	124.47	
300	142.61	150.11	
305	166.71	175.36	
310	189.72	199.49	
315	211.23	222.04	
320	230.95	242.73	
325	248.71	261.36	
330	264.40	277.82	
335	277.95	292.04	
340	289.33	303.98	
345	298.55	313.65	
350	305.60	321.05	
355	310.50	326.19	