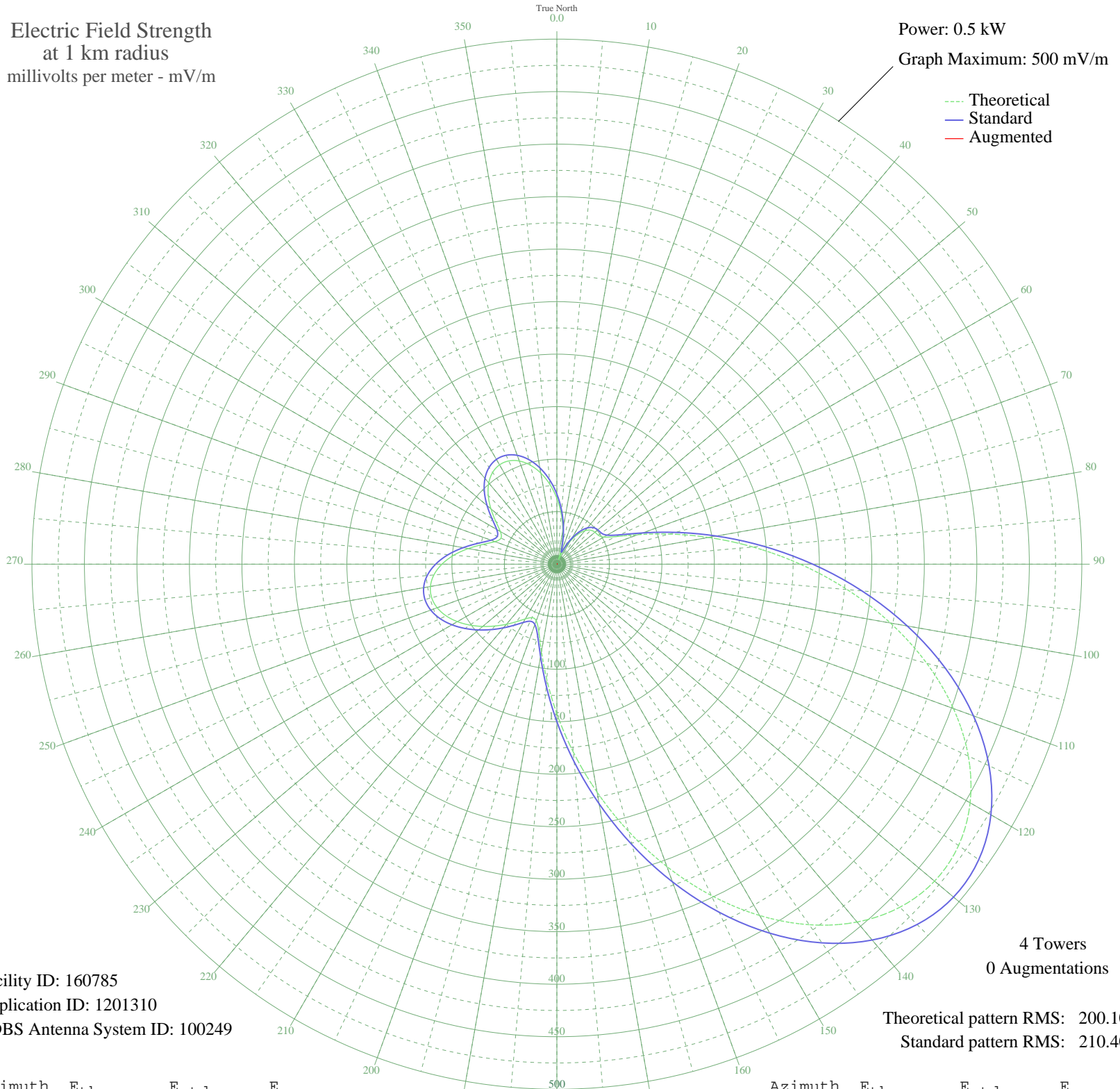


# NEW BLANCHARD, LA BNP-20051031AFH 1550 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 160785  
Application ID: 1201310  
CDBS Antenna System ID: 100249

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 200.10  
Standard pattern RMS: 210.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	62.69	66.72	
5	47.90	51.46	
10	32.48	35.80	
15	17.17	21.07	
20	4.86	12.03	
25	13.28	17.70	
30	25.00	28.43	
35	34.67	38.00	
40	41.63	45.05	
45	45.70	49.21	
50	47.32	50.87	
55	48.12	51.69	
60	51.60	55.26	
65	62.19	66.20	
70	82.16	86.95	
75	110.86	116.91	
80	146.59	154.31	
85	187.55	197.23	
90	231.87	243.71	
95	277.59	291.67	
100	322.60	338.90	
105	364.76	383.16	
110	402.01	422.25	
115	432.44	454.19	
120	454.50	477.35	
125	467.09	490.57	
130	469.60	493.21	
135	462.02	485.24	
140	444.86	467.23	
145	419.15	440.24	
150	386.33	405.79	
155	348.14	365.71	
160	306.47	321.98	
165	263.28	276.66	
170	220.43	231.71	
175	179.64	188.94	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	142.46	149.98	
185	110.29	116.31	
190	84.50	89.39	
195	66.53	70.70	
200	57.36	61.20	
205	56.16	59.97	
210	60.17	64.12	
215	66.80	70.98	
220	74.68	79.16	
225	83.25	88.09	
230	92.20	97.42	
235	101.12	106.74	
240	109.43	115.42	
245	116.42	122.72	
250	121.31	127.85	
255	123.44	130.07	
260	122.28	128.86	
265	117.60	123.96	
270	109.48	115.47	
275	98.47	103.96	
280	85.64	90.58	
285	72.82	77.23	
290	62.77	66.80	
295	58.75	62.64	
300	62.19	66.21	
305	71.05	75.40	
310	81.98	86.77	
315	92.45	97.69	
320	100.96	106.57	
325	106.68	112.54	
330	109.22	115.20	
335	108.48	114.42	
340	104.54	110.30	
345	97.62	103.08	
350	88.06	93.10	
355	76.26	80.81	

09 Jun 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission