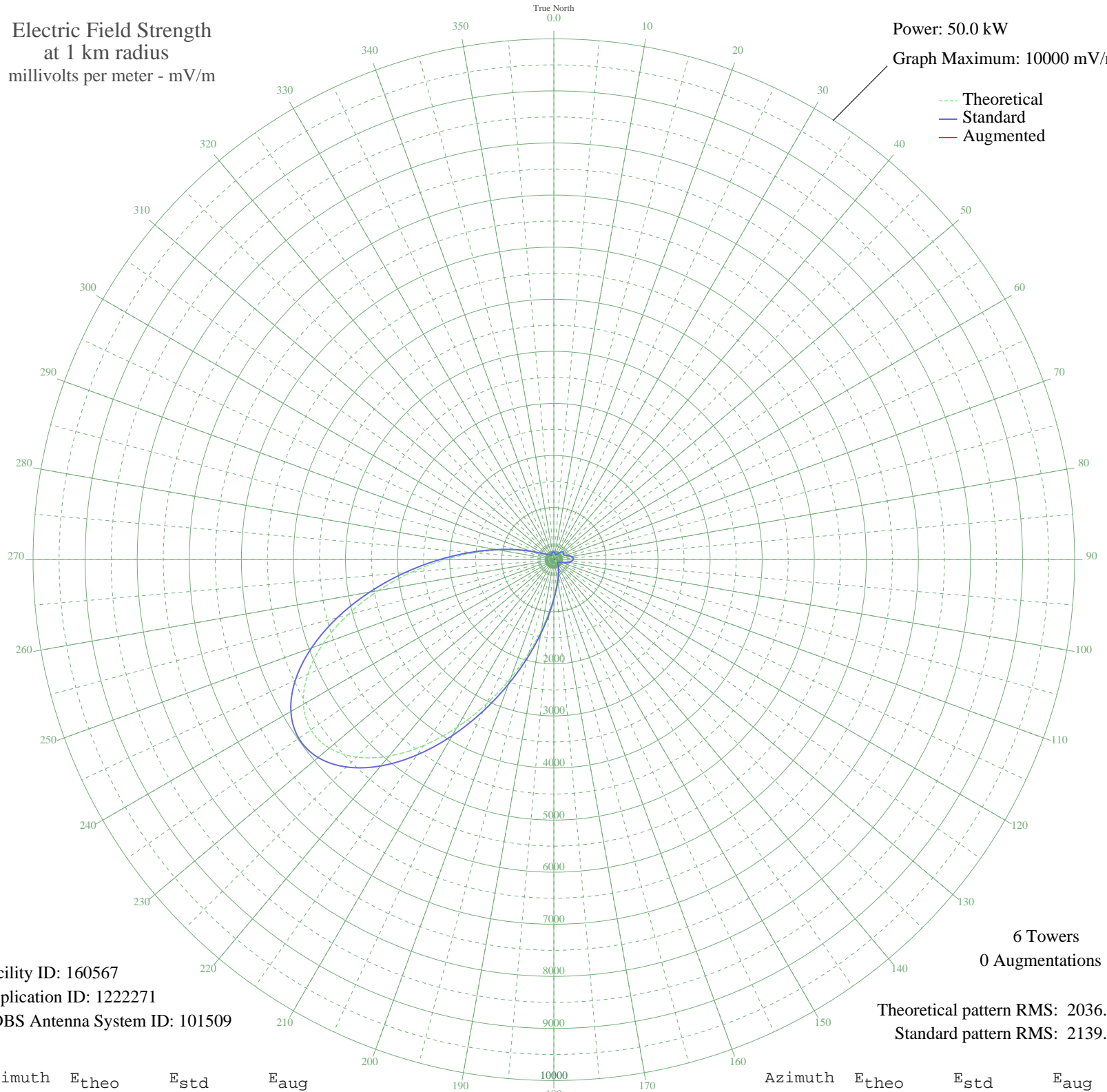


NEW MIDLAND, TX BNP-20051028ABT 1550 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 160567
Application ID: 1222271
CDBS Antenna System ID: 101509

6 Towers
0 Augmentations

Theoretical pattern RMS: 2036.25
Standard pattern RMS: 2139.35

Azimuth	E _{theo}	E _{std}	E _{aug}
0	114.87	141.63	
5	100.72	129.22	
10	85.51	116.51	
15	72.50	106.34	
20	61.62	98.48	
25	57.09	95.42	
30	73.21	106.87	
35	110.48	137.73	
40	153.96	177.90	
45	189.59	212.46	
50	207.51	230.19	
55	205.23	227.93	
60	192.18	215.01	
65	191.47	214.31	
70	221.92	244.56	
75	273.16	296.27	
80	321.46	345.60	
85	349.44	374.35	
90	349.22	374.12	
95	321.00	345.13	
100	271.08	294.15	
105	209.15	231.81	
110	145.62	169.98	
115	89.28	119.59	
120	46.01	88.58	
125	22.51	77.92	
130	30.84	81.00	
135	53.24	92.94	
140	81.34	113.17	
145	114.69	141.47	
150	153.19	177.16	
155	197.56	220.32	
160	249.95	272.74	
165	315.20	339.18	
170	403.24	429.87	
175	531.25	562.73	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	721.91	761.63	
185	997.19	1049.68	
190	1371.68	1442.18	
195	1848.44	1942.28	
200	2416.86	2538.79	
205	3051.88	3205.33	
210	3714.86	3901.31	
215	4356.71	4575.15	
220	4923.10	5169.79	
225	5361.36	5629.91	
230	5627.78	5909.64	
235	5694.19	5979.37	
240	5552.32	5830.41	
245	5215.17	5476.44	
250	4715.11	4951.43	
255	4098.96	4304.55	
260	3421.15	3592.98	
265	2736.25	2874.02	
270	2092.24	2198.10	
275	1525.59	1603.59	
280	1058.91	1114.33	
285	701.00	739.79	
290	449.00	477.26	
295	290.75	314.18	
300	204.86	227.55	
305	161.52	185.14	
310	134.03	159.11	
315	108.59	136.07	
320	81.00	112.90	
325	52.51	92.48	
330	35.41	83.04	
335	50.94	91.51	
340	79.64	111.83	
345	104.52	132.50	
350	119.50	145.80	
355	122.53	148.54	

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 Mar 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission