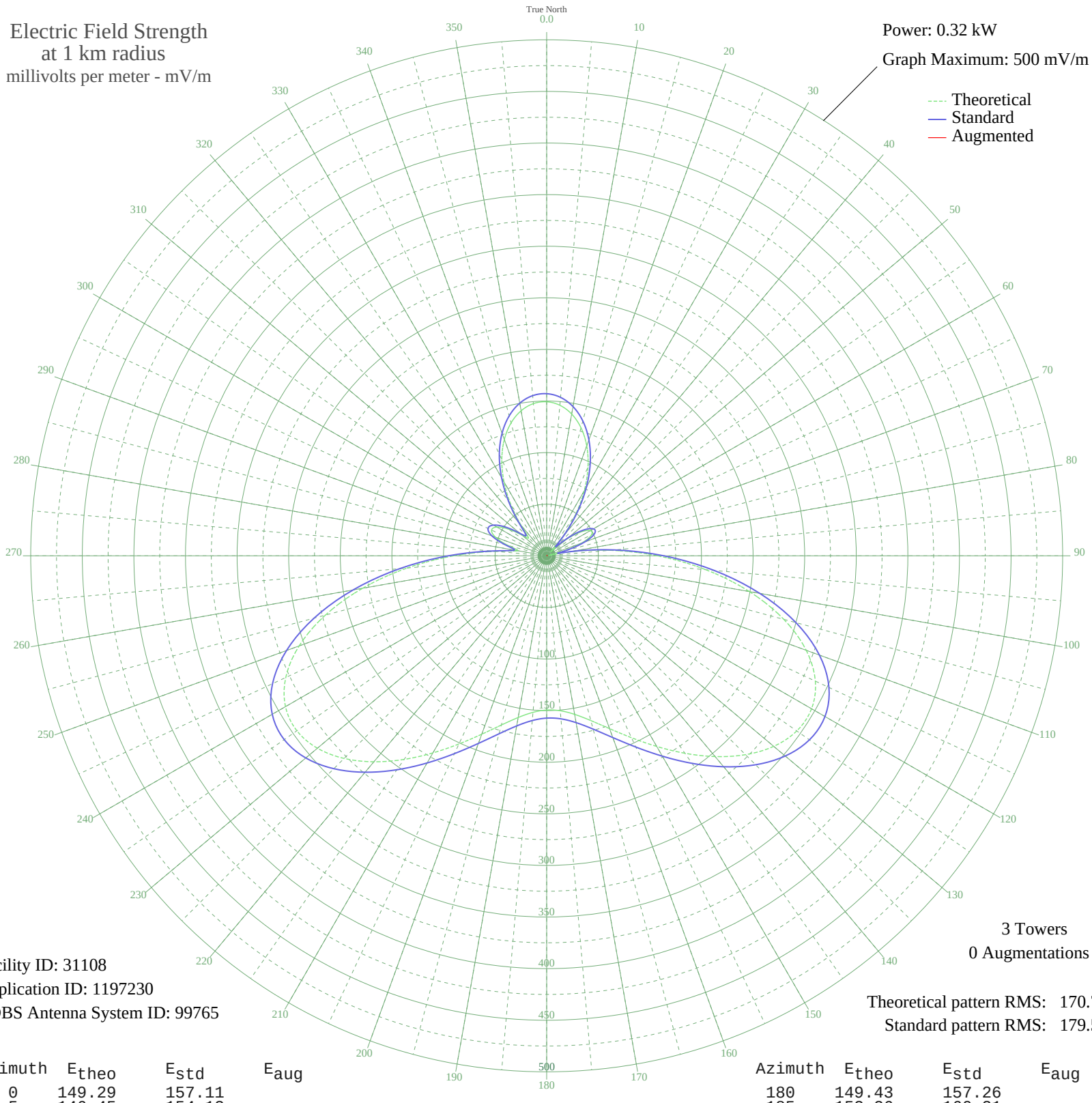
KSET LUMBERTON, TX BMP-20061122AIO 1300 kHz

Nighttime

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



Power: 0.32 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 31108
Application ID: 1197230
CDBS Antenna System ID: 99765

Theoretical pattern RMS: 170.70
Standard pattern RMS: 179.54

Azimuth	E_{theo}	E_{std}	E_{aug}
0	149.29	157.11	
5	146.45	154.13	
10	139.51	146.87	
15	128.49	135.32	
20	113.47	119.60	
25	94.71	100.00	
30	72.75	77.10	
35	48.50	51.99	
40	23.44	26.76	
45	5.55	12.01	
50	24.05	27.34	
55	40.18	43.48	
60	48.82	52.32	
65	47.84	51.32	
70	35.98	39.21	
75	13.03	17.24	
80	20.39	23.85	
85	61.58	65.51	
90	107.69	113.56	
95	154.94	163.02	
100	199.49	209.73	
105	237.92	250.04	
110	267.67	281.25	
115	287.26	301.81	
120	296.41	311.41	
125	295.88	310.85	
130	287.23	301.77	
135	272.51	286.32	
140	253.92	266.82	
145	233.56	245.46	
150	213.26	224.17	
155	194.46	204.45	
160	178.22	187.42	
165	165.25	173.83	
170	155.99	164.12	
175	150.68	158.57	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	149.43	157.26	
185	152.26	160.21	
190	159.08	167.37	
195	169.76	178.55	
200	183.96	193.44	
205	201.15	211.47	
210	220.51	231.77	
215	240.83	253.09	
220	260.52	273.74	
225	277.64	291.71	
230	290.04	304.72	
235	295.55	310.50	
240	292.28	307.08	
245	278.98	293.12	
250	255.30	268.27	
255	222.03	233.37	
260	181.18	190.53	
265	135.85	143.03	
270	90.18	95.27	
275	49.86	53.40	
280	28.30	31.52	
285	38.51	41.78	
290	52.80	56.42	
295	58.92	62.75	
300	55.77	59.50	
305	45.02	48.43	
310	30.81	34.01	
315	24.84	28.11	
320	38.61	41.88	
325	60.41	64.30	
330	82.68	87.45	
335	102.91	108.57	
340	119.98	126.42	
345	133.33	140.39	
350	142.71	150.22	
355	148.04	155.80	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission