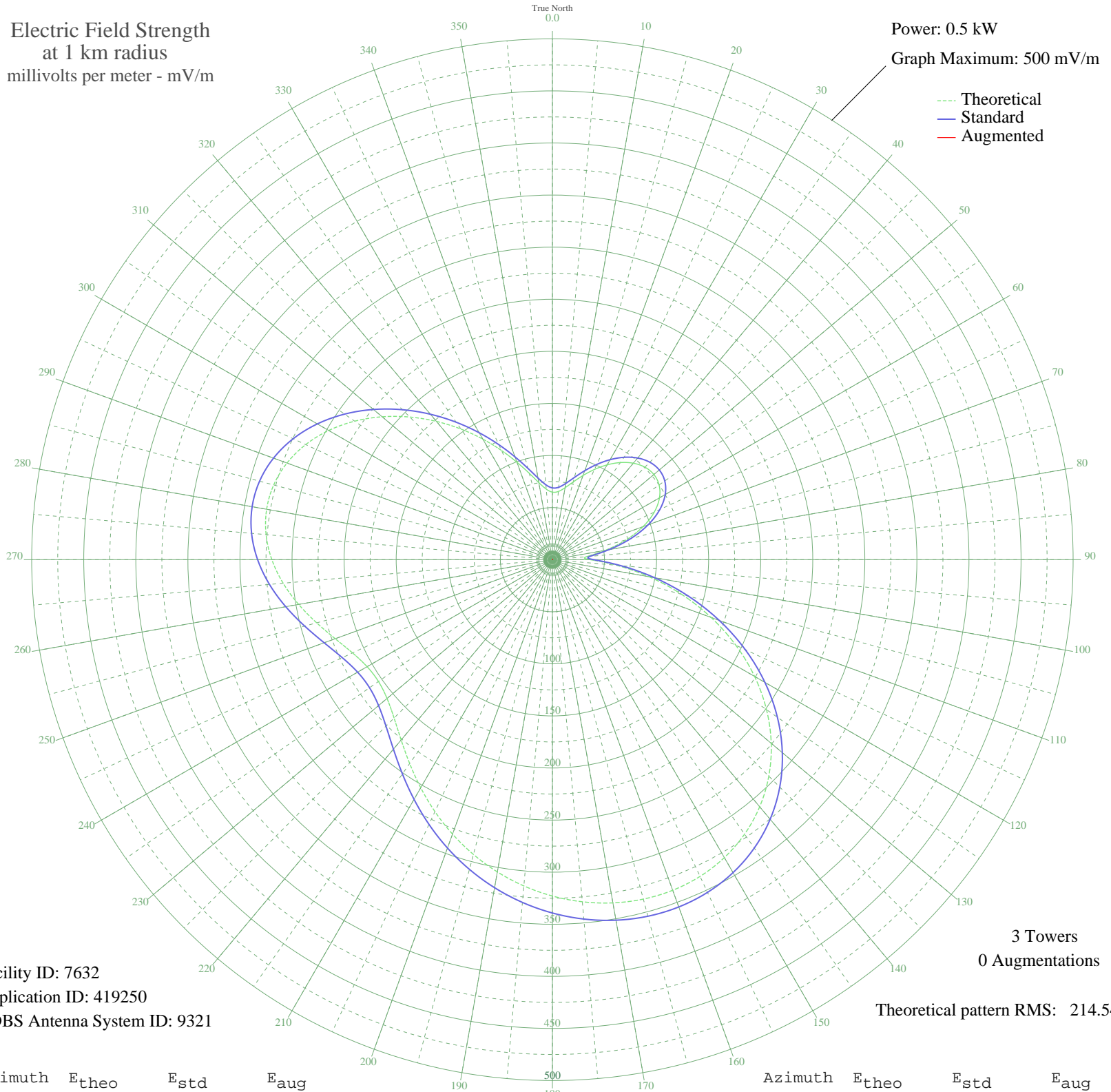


# KZNE COLLEGE STATION, TX BL-14500 1150 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 7632  
Application ID: 419250  
CDBS Antenna System ID: 9321

3 Towers  
0 Augmentations

Theoretical pattern RMS: 214.54

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	64.83	68.88	
5	65.71	69.79	
10	70.12	74.37	
15	77.19	81.73	
20	85.97	90.87	
25	95.54	100.87	
30	105.09	110.84	
35	113.80	119.95	
40	120.89	127.36	
45	125.59	132.29	
50	127.19	133.97	
55	125.07	131.74	
60	118.73	125.11	
65	107.90	113.78	
70	92.60	97.79	
75	73.28	77.66	
80	51.47	55.05	
85	32.97	36.18	
90	36.34	39.58	
95	61.94	65.88	
100	94.31	99.58	
105	128.35	135.17	
110	162.10	170.52	
115	194.34	204.33	
120	224.19	235.63	
125	250.98	263.74	
130	274.29	288.20	
135	293.87	308.75	
140	309.66	325.31	
145	321.72	337.97	
150	330.24	346.91	
155	335.49	352.42	
160	337.76	354.80	
165	337.35	354.37	
170	334.57	351.46	
175	329.68	346.32	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	322.89	339.20	
185	314.40	330.29	
190	304.37	319.76	
195	292.96	307.79	
200	280.37	294.57	
205	266.86	280.40	
210	252.84	265.69	
215	238.92	251.09	
220	225.95	237.48	
225	214.99	225.98	
230	207.27	217.89	
235	203.89	214.34	
240	205.45	215.98	
245	211.78	222.61	
250	221.90	233.23	
255	234.34	246.28	
260	247.41	259.99	
265	259.53	272.71	
270	269.39	283.05	
275	275.98	289.97	
280	278.64	292.76	
285	277.06	291.11	
290	271.23	284.98	
295	261.39	274.66	
300	248.03	260.65	
305	231.79	243.60	
310	213.39	224.31	
315	193.63	203.58	
320	173.28	182.24	
325	153.06	161.05	
330	133.64	140.72	
335	115.61	121.85	
340	99.50	105.00	
345	85.83	90.73	
350	75.13	79.59	
355	67.99	72.15	