

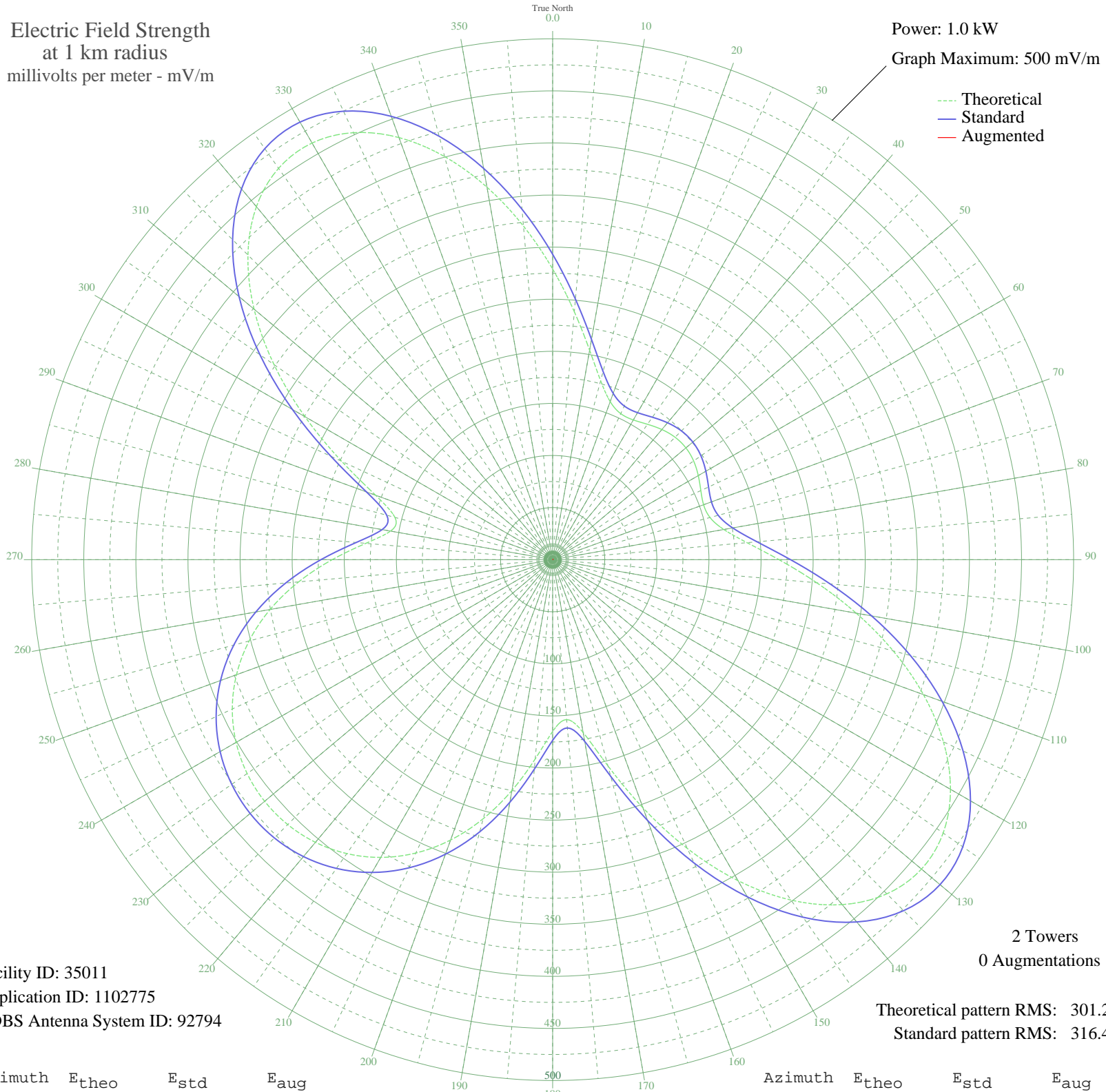
KIXL DEL VALLE, TX BL-20051025ACZ 970 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 35011  
Application ID: 1102775  
CDBS Antenna System ID: 92794

2 Towers  
0 Augmentations

Theoretical pattern RMS: 301.20  
Standard pattern RMS: 316.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	279.00	293.14	
5	238.85	251.02	
10	204.20	214.67	
15	177.85	187.03	
20	161.46	169.86	
25	154.65	162.72	
30	154.86	162.94	
35	158.66	166.92	
40	163.08	171.55	
45	166.18	174.80	
50	166.95	175.61	
55	165.18	173.76	
60	161.38	169.78	
65	156.92	165.10	
70	154.16	162.20	
75	156.35	164.50	
80	166.79	175.44	
85	187.25	196.89	
90	217.21	228.31	
95	254.43	267.36	
100	295.90	310.87	
105	338.40	355.48	
110	378.74	397.81	
115	413.84	434.66	
120	440.89	463.06	
125	457.55	480.55	
130	462.11	485.33	
135	453.67	476.47	
140	432.27	454.01	
145	398.97	419.05	
150	355.83	373.77	
155	305.95	321.42	
160	253.63	266.51	
165	204.89	215.39	
170	168.39	177.12	
175	154.10	162.15	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	164.89	173.45	
185	192.01	201.88	
190	224.96	236.44	
195	257.42	270.50	
200	286.42	300.92	
205	310.73	326.43	
210	330.04	346.70	
215	344.44	361.81	
220	354.21	372.07	
225	359.62	377.75	
230	360.86	379.05	
235	357.97	376.01	
240	350.84	368.53	
245	339.25	356.37	
250	322.91	339.22	
255	301.60	316.85	
260	275.34	289.30	
265	244.74	257.19	
270	211.58	222.40	
275	179.95	189.24	
280	157.95	166.18	
285	156.68	164.84	
290	180.86	190.19	
295	223.47	234.88	
300	274.51	288.43	
305	326.47	342.95	
310	374.09	392.94	
315	413.61	434.42	
320	442.34	464.58	
325	458.62	481.67	
330	461.82	485.02	
335	452.26	474.99	
340	431.20	452.88	
345	400.61	420.78	
350	363.06	381.36	
355	321.48	337.72	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission