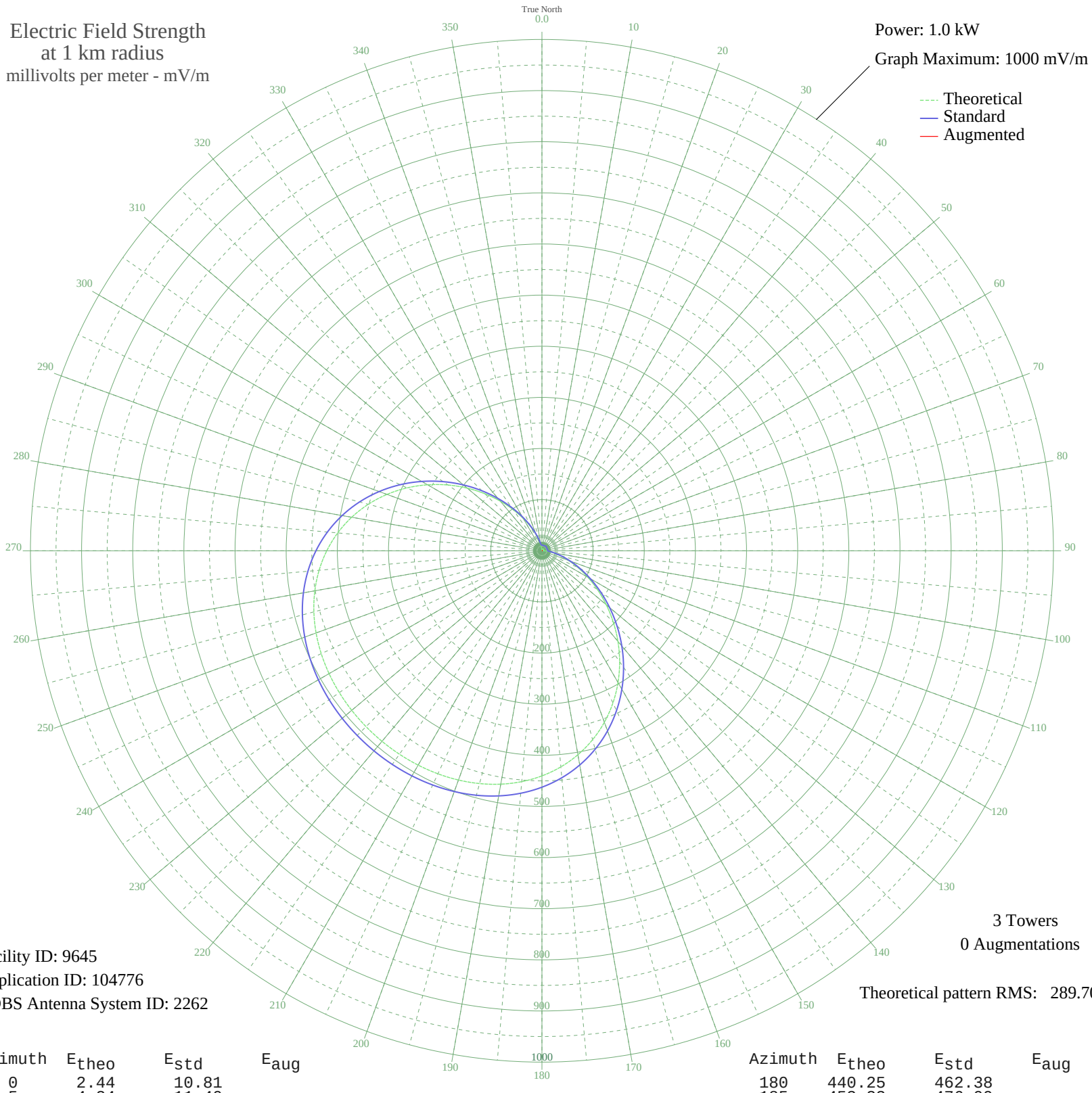
KSEV TOMBALL, TX BL-19870828AA 700 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 9645
Application ID: 104776
CDBS Antenna System ID: 2262

Theoretical pattern RMS: 289.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2.44	10.81	
5	4.24	11.40	
10	4.24	11.40	
15	3.01	10.97	
20	1.10	10.56	
25	1.01	10.55	
30	2.94	10.94	
35	4.36	11.46	
40	5.08	11.78	
45	5.00	11.74	
50	4.13	11.36	
55	2.59	10.85	
60	0.59	10.52	
65	1.52	10.62	
70	3.33	11.07	
75	4.35	11.45	
80	4.04	11.32	
85	1.82	10.67	
90	2.88	10.93	
95	10.57	15.28	
100	21.69	25.08	
105	36.52	39.76	
110	55.21	58.91	
115	77.68	82.24	
120	103.68	109.37	
125	132.72	139.76	
130	164.18	172.71	
135	197.26	207.39	
140	231.09	242.87	
145	264.78	278.22	
150	297.47	312.52	
155	328.39	344.97	
160	356.90	374.89	
165	382.54	401.81	
170	405.03	425.41	
175	424.25	445.58	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	440.25	462.38	
185	453.23	476.00	
190	463.46	486.75	
195	471.29	494.97	
200	477.09	501.06	
205	481.22	505.39	
210	484.00	508.30	
215	485.67	510.06	
220	486.43	510.85	
225	486.34	510.77	
230	485.42	509.79	
235	483.54	507.82	
240	480.51	504.65	
245	476.08	499.99	
250	469.90	493.51	
255	461.62	484.81	
260	450.86	473.52	
265	437.30	459.28	
270	420.66	441.82	
275	400.79	420.96	
280	377.66	396.68	
285	351.42	369.14	
290	322.38	338.66	
295	291.05	305.78	
300	258.10	271.21	
305	224.31	235.76	
310	190.55	200.36	
315	157.73	165.95	
320	126.70	133.45	
325	98.22	103.66	
330	72.89	77.26	
335	51.16	54.74	
340	33.25	36.46	
345	19.17	22.71	
350	8.77	13.97	
355	1.72	10.65	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission