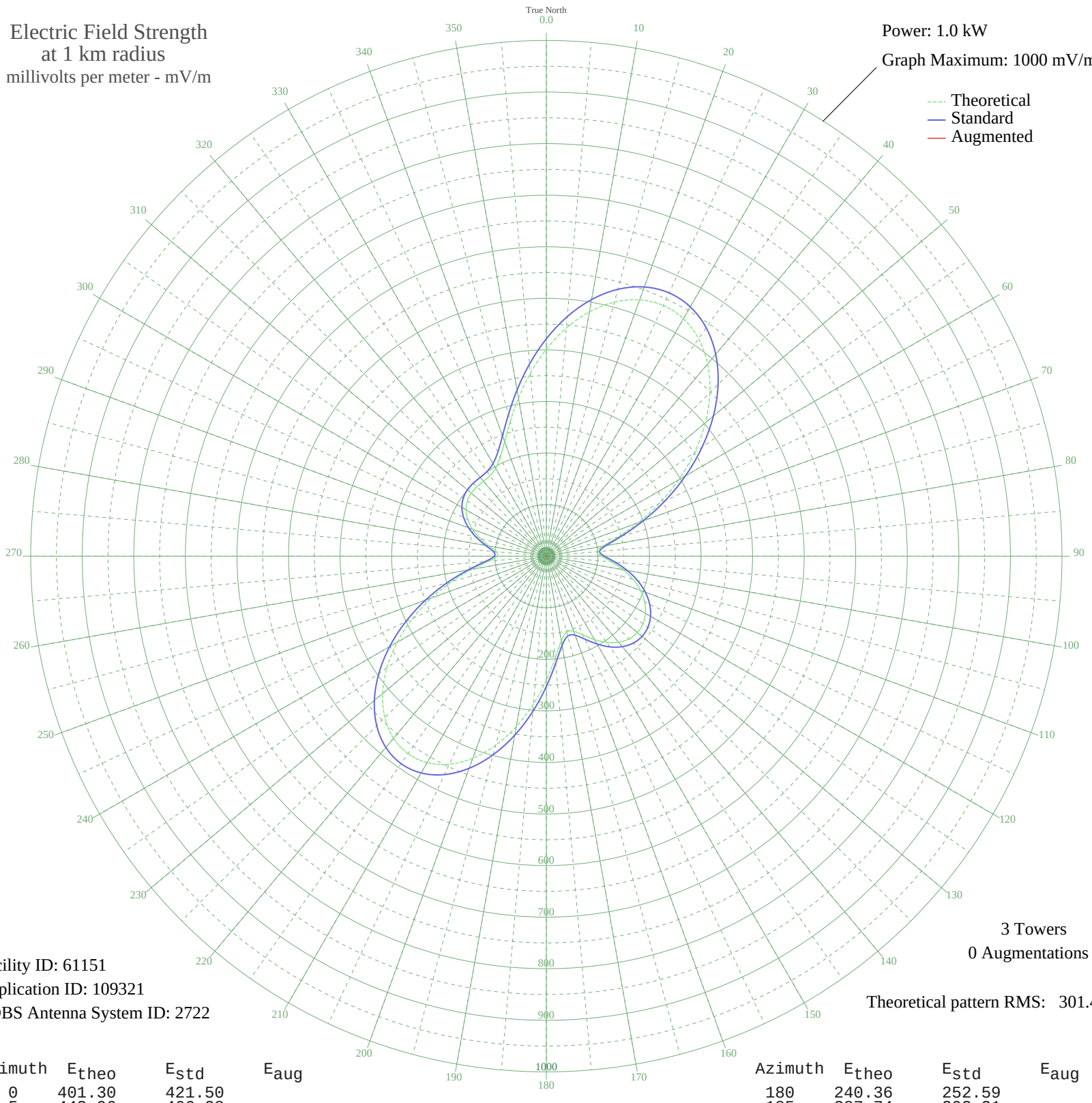
KFYO LUBBOCK, TX BL-19880209AE 790 kHz

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: 61151
Application ID: 109321
CDBS Antenna System ID: 2722

Theoretical pattern RMS: 301.44

Azimuth	E_{theo}	E_{std}	E_{aug}
0	401.30	421.50	
5	443.96	466.28	
10	481.07	505.23	
15	510.08	535.68	
20	528.97	555.52	
25	536.36	563.28	
30	531.58	558.26	
35	514.70	540.54	
40	486.53	510.96	
45	448.50	471.04	
50	402.58	422.83	
55	351.07	368.77	
60	296.52	311.53	
65	241.67	253.98	
70	189.56	199.31	
75	144.05	151.62	
80	111.06	117.08	
85	98.16	103.61	
90	106.62	112.44	
95	127.27	134.04	
100	151.30	159.21	
105	174.28	183.29	
110	194.26	204.24	
115	210.32	221.09	
120	221.94	233.28	
125	228.75	240.42	
130	230.45	242.20	
135	226.85	238.42	
140	217.97	229.11	
145	204.27	214.74	
150	187.00	196.63	
155	168.89	177.65	
160	154.96	163.05	
165	152.44	160.41	
170	167.04	175.70	
175	198.15	208.32	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	240.36	252.59	
185	287.74	302.31	
190	335.43	352.35	
195	379.50	398.61	
200	416.84	437.80	
205	445.00	467.36	
210	462.26	485.49	
215	467.68	491.17	
220	461.05	484.22	
225	442.92	465.19	
230	414.50	435.35	
235	377.50	396.51	
240	334.03	350.89	
245	286.46	300.97	
250	237.34	249.43	
255	189.48	199.23	
260	146.31	153.99	
265	112.74	118.84	
270	95.46	100.78	
275	97.76	103.18	
280	113.30	119.43	
285	133.21	140.27	
290	152.28	160.23	
295	168.11	176.82	
300	179.73	189.01	
305	186.94	196.57	
310	190.16	199.94	
315	190.43	200.23	
320	189.67	199.43	
325	190.69	200.50	
330	197.01	207.12	
335	211.76	222.59	
340	236.45	248.50	
345	270.41	284.12	
350	311.29	327.02	
355	356.02	373.96	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission