

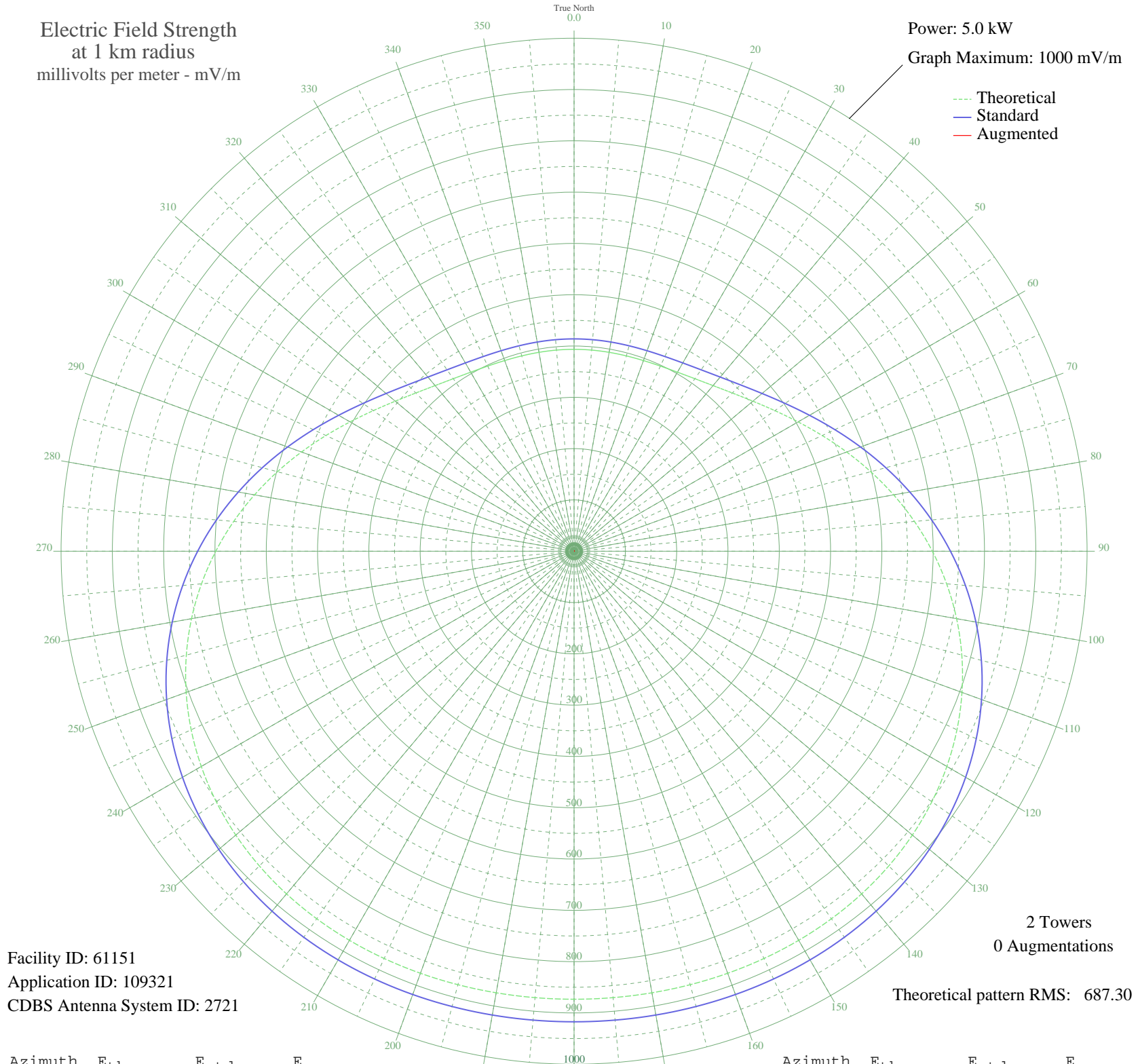
# KFYO LUBBOCK, TX BL-19880209AE 790 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 61151  
Application ID: 109321  
CDBS Antenna System ID: 2721

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 687.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	393.56	413.90	
5	393.56	413.91	
10	393.68	414.03	
15	394.18	414.55	
20	395.50	415.93	
25	398.21	418.78	
30	403.00	423.80	
35	410.55	431.72	
40	421.47	443.17	
45	436.23	458.64	
50	455.02	478.35	
55	477.80	502.24	
60	504.21	529.94	
65	533.68	560.86	
70	565.47	594.20	
75	598.71	629.08	
80	632.52	664.56	
85	666.03	699.72	
90	698.43	733.73	
95	729.01	765.82	
100	757.19	795.39	
105	782.51	821.97	
110	804.67	845.23	
115	823.54	865.03	
120	839.08	881.35	
125	851.43	894.31	
130	860.82	904.16	
135	867.55	911.23	
140	872.01	915.91	
145	874.61	918.64	
150	875.78	919.87	
155	875.95	920.05	
160	875.49	919.57	
165	874.76	918.80	
170	874.03	918.03	
175	873.51	917.49	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	873.32	917.29	
185	873.51	917.49	
190	874.03	918.03	
195	874.76	918.80	
200	875.49	919.57	
205	875.95	920.05	
210	875.78	919.87	
215	874.61	918.64	
220	872.01	915.91	
225	867.55	911.23	
230	860.82	904.16	
235	851.43	894.31	
240	839.08	881.35	
245	823.54	865.03	
250	804.67	845.23	
255	782.51	821.97	
260	757.19	795.39	
265	729.01	765.82	
270	698.43	733.73	
275	666.03	699.72	
280	632.52	664.56	
285	598.71	629.08	
290	565.47	594.20	
295	533.68	560.86	
300	504.21	529.94	
305	477.80	502.24	
310	455.02	478.35	
315	436.23	458.64	
320	421.47	443.17	
325	410.55	431.72	
330	403.00	423.80	
335	398.21	418.78	
340	395.50	415.93	
345	394.18	414.55	
350	393.68	414.03	
355	393.56	413.91	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission