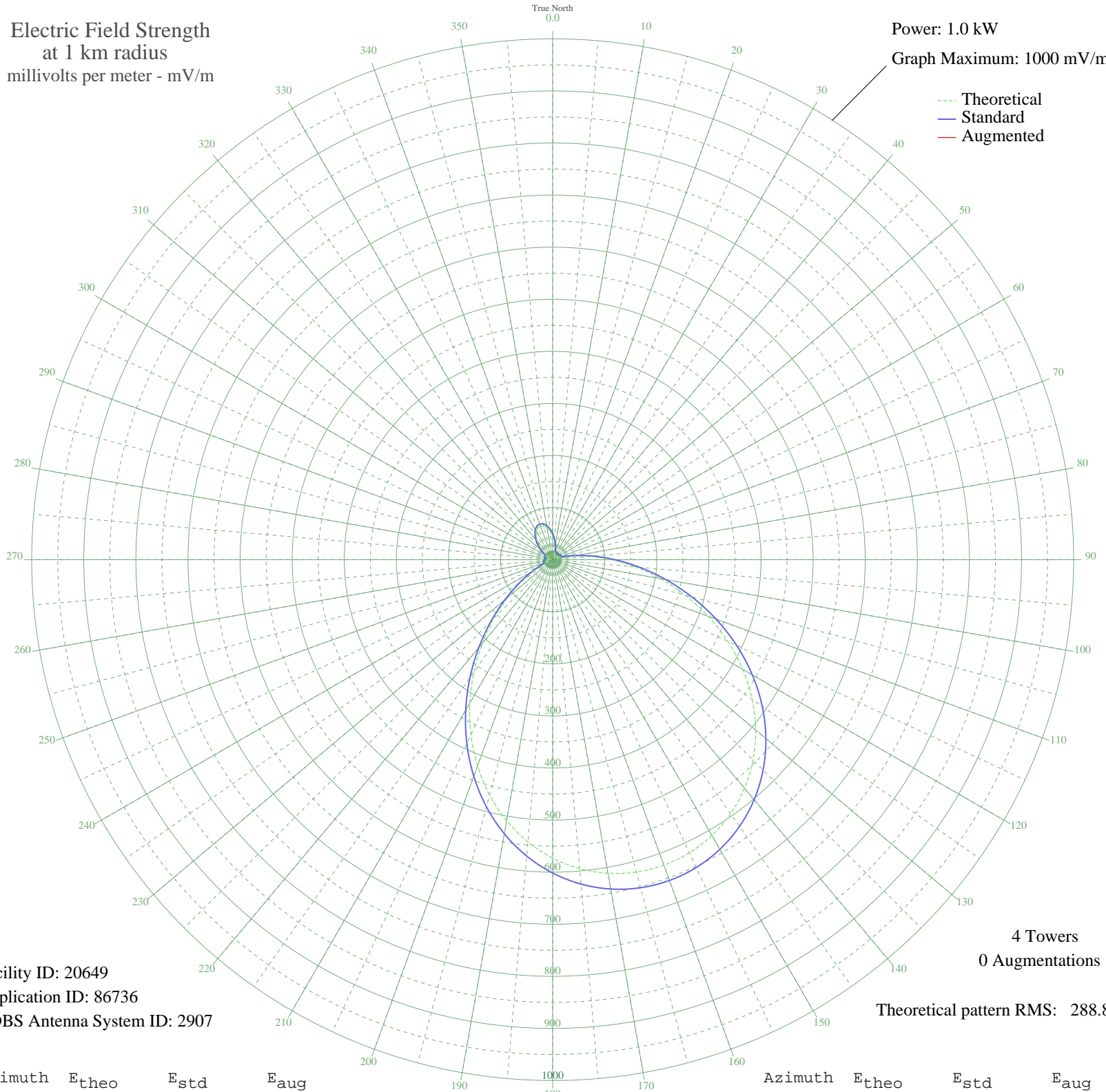


# KFLT TUCSON, AZ BL-19860324AC 830 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 20649  
Application ID: 86736  
CDBS Antenna System ID: 2907

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 288.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	46.17	50.29	
5	36.06	40.15	
10	25.68	30.09	
15	16.22	21.65	
20	9.39	16.61	
25	7.48	15.50	
30	8.51	16.07	
35	8.45	16.04	
40	6.45	14.98	
45	4.19	14.07	
50	6.28	14.90	
55	10.25	17.16	
60	12.49	18.72	
65	11.43	17.96	
70	9.58	16.73	
75	19.70	24.63	
80	42.15	46.23	
85	73.70	78.53	
90	113.11	119.52	
95	159.03	167.52	
100	209.75	220.65	
105	263.31	276.80	
110	317.68	333.84	
115	370.94	389.71	
120	421.38	442.66	
125	467.65	491.22	
130	508.73	534.33	
135	543.93	571.28	
140	572.86	601.65	
145	595.36	625.27	
150	611.38	642.09	
155	620.96	652.15	
160	624.15	655.49	
165	620.96	652.15	
170	611.38	642.09	
175	595.36	625.27	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	572.86	601.65	
185	543.93	571.28	
190	508.73	534.33	
195	467.65	491.22	
200	421.38	442.66	
205	370.94	389.71	
210	317.68	333.84	
215	263.31	276.80	
220	209.76	220.65	
225	159.04	167.52	
230	113.11	119.52	
235	73.70	78.53	
240	42.15	46.23	
245	19.70	24.63	
250	9.58	16.73	
255	11.43	17.96	
260	12.49	18.72	
265	10.25	17.16	
270	6.28	14.90	
275	4.19	14.07	
280	6.45	14.98	
285	8.45	16.04	
290	8.51	16.07	
295	7.48	15.50	
300	9.39	16.61	
305	16.22	21.65	
310	25.68	30.09	
315	36.06	40.15	
320	46.17	50.29	
325	55.08	59.35	
330	62.01	66.46	
335	66.39	70.98	
340	67.90	72.53	
345	66.39	70.98	
350	62.01	66.46	
355	55.08	59.35	

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