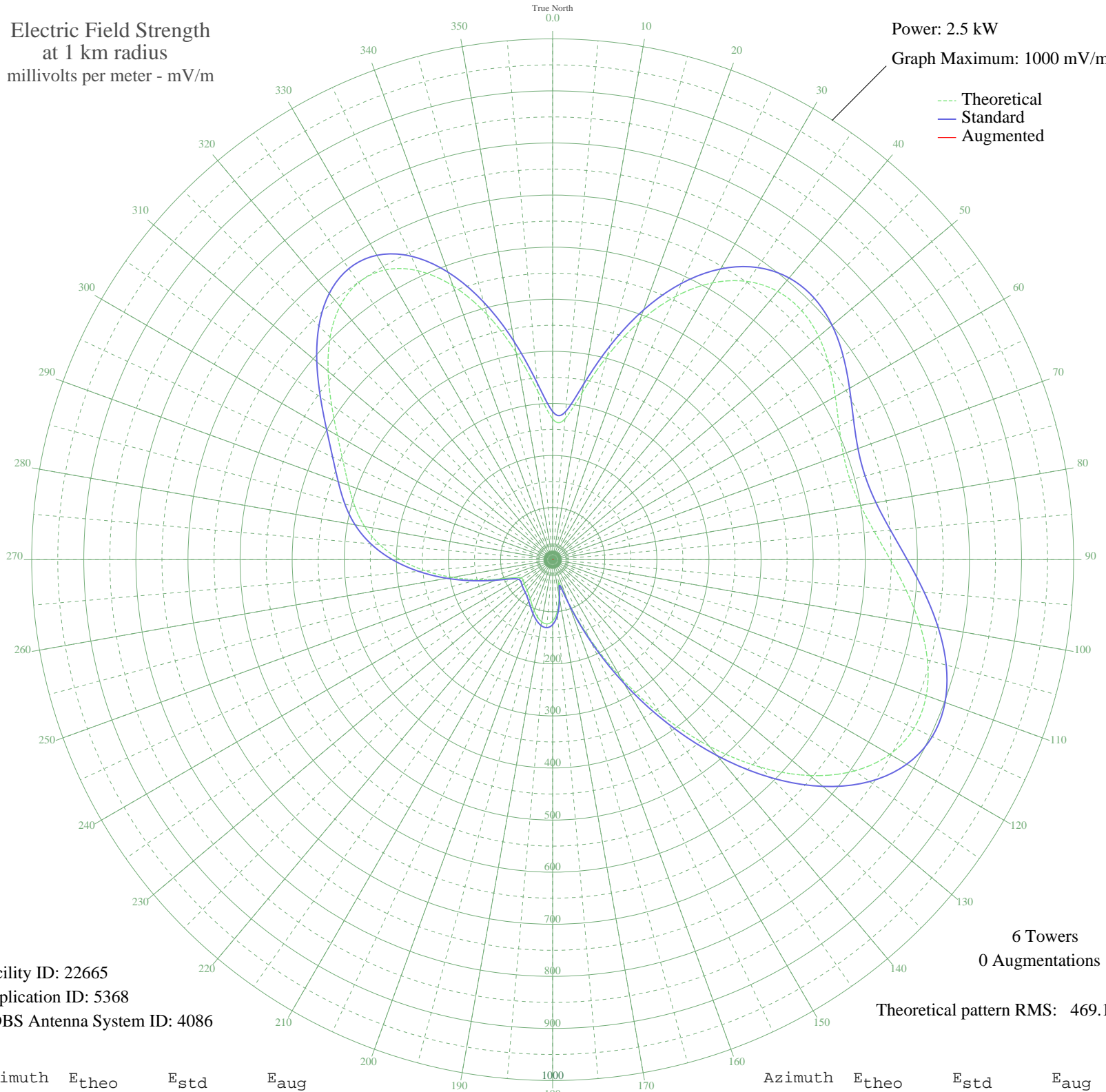


# KCFO TULSA, OK BL-19781012AF 970 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 22665  
Application ID: 5368  
CDBS Antenna System ID: 4086

6 Towers  
0 Augmentations  
Theoretical pattern RMS: 469.12

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	270.24	284.23	
5	271.22	285.26	
10	325.38	342.05	
15	404.30	424.84	
20	485.53	510.08	
25	557.25	585.34	
30	613.57	644.46	
35	651.98	684.78	
40	672.28	706.09	
45	676.09	710.09	
50	666.60	700.13	
55	648.28	680.90	
60	626.45	657.98	
65	606.66	637.20	
70	593.76	623.67	
75	591.11	620.89	
80	600.00	630.22	
85	619.75	650.95	
90	648.09	680.70	
95	681.56	715.83	
100	715.58	751.54	
105	744.72	782.13	
110	763.16	801.49	
115	765.47	803.92	
120	747.51	785.06	
125	707.15	742.70	
130	644.76	677.20	
135	563.19	591.58	
140	467.48	491.14	
145	364.20	382.77	
150	260.66	274.19	
155	164.41	173.42	
160	84.36	90.12	
165	45.48	50.55	
170	70.24	75.59	
175	100.04	106.34	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	117.76	124.76	
185	123.79	131.03	
190	121.20	128.34	
195	113.51	120.33	
200	103.79	110.23	
205	94.26	100.36	
210	86.24	92.06	
215	80.31	85.94	
220	76.37	81.89	
225	73.67	79.11	
230	71.17	76.55	
235	68.88	74.21	
240	70.06	75.42	
245	81.67	87.35	
250	108.36	114.98	
255	148.06	156.34	
260	195.56	206.01	
265	245.36	258.16	
270	292.52	307.59	
275	333.38	350.45	
280	366.44	385.12	
285	392.95	412.93	
290	416.88	438.04	
295	443.57	466.04	
300	477.14	501.27	
305	518.08	544.24	
310	562.60	590.96	
315	604.08	634.50	
320	635.17	667.13	
325	649.44	682.12	
330	642.43	674.76	
335	612.10	642.92	
340	559.17	587.37	
345	487.39	512.03	
350	404.38	424.92	
355	323.94	340.54	

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