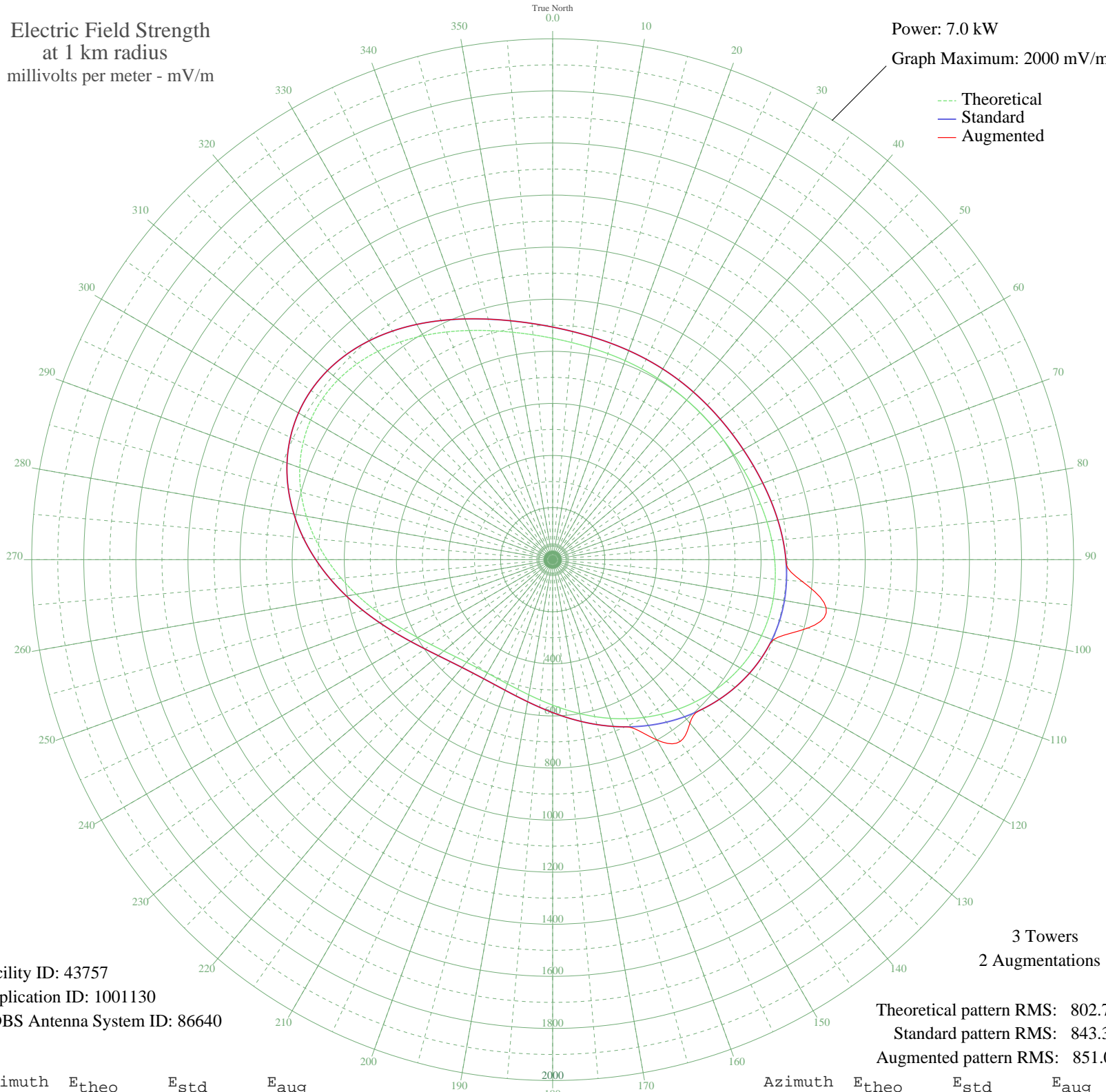


# KFCD FARMERSVILLE, TX BL-20040624AEP 990 kHz

Daytime

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

Power: 7.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 43757  
Application ID: 1001130  
CDBS Antenna System ID: 86640

3 Towers  
2 Augmentations

Theoretical pattern RMS: 802.74  
Standard pattern RMS: 843.33  
Augmented pattern RMS: 851.02

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	850.18	893.12	893.12
5	837.06	879.35	879.35
10	826.88	868.67	868.67
15	819.09	860.49	860.49
20	813.12	854.23	854.23
25	808.49	849.37	849.37
30	804.84	845.54	845.54
35	802.00	842.56	842.56
40	799.98	840.43	840.43
45	798.92	839.33	839.33
50	799.13	839.54	839.54
55	800.90	841.41	841.41
60	804.51	845.20	845.20
65	810.06	851.02	851.02
70	817.41	858.73	858.73
75	826.13	867.88	867.88
80	835.49	877.71	877.71
85	844.58	887.24	887.24
90	852.36	895.41	895.41
95	857.82	901.14	962.04
100	860.14	903.57	1066.21
105	858.71	902.07	1014.24
110	853.26	896.35	900.82
115	843.78	886.41	886.41
120	830.54	872.51	872.51
125	813.95	855.10	855.10
130	794.55	834.74	834.74
135	772.88	812.00	812.00
140	749.49	787.45	819.79
145	724.87	761.62	852.54
150	699.51	735.01	799.19
155	673.88	708.12	710.72
160	648.47	681.46	681.46
165	623.75	655.53	655.53
170	600.23	630.85	630.85
175	578.37	607.92	607.92

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	558.61	587.20	587.20
185	541.34	569.08	569.08
190	526.88	553.92	553.92
195	515.51	542.00	542.00
200	507.50	533.60	533.60
205	503.09	528.97	528.97
210	502.54	528.40	528.40
215	506.16	532.20	532.20
220	514.29	540.71	540.71
225	527.27	554.32	554.32
230	545.43	573.38	573.38
235	569.06	598.15	598.15
240	598.27	628.80	628.80
245	633.01	665.24	665.24
250	672.93	707.12	707.12
255	717.36	753.74	753.74
260	765.29	804.04	804.04
265	815.33	856.54	856.54
270	865.79	909.50	909.50
275	914.75	960.89	960.89
280	960.23	1008.63	1008.63
285	1000.29	1050.67	1050.67
290	1033.20	1085.22	1085.22
295	1057.65	1110.88	1110.88
300	1072.80	1126.78	1126.78
305	1078.40	1132.66	1132.66
310	1074.80	1128.89	1128.89
315	1062.93	1116.42	1116.42
320	1044.18	1096.74	1096.74
325	1020.27	1071.64	1071.64
330	993.11	1043.13	1043.13
335	964.61	1013.22	1013.22
340	936.49	983.71	983.71
345	910.19	956.11	956.11
350	886.73	931.48	931.48
355	866.67	910.43	910.43