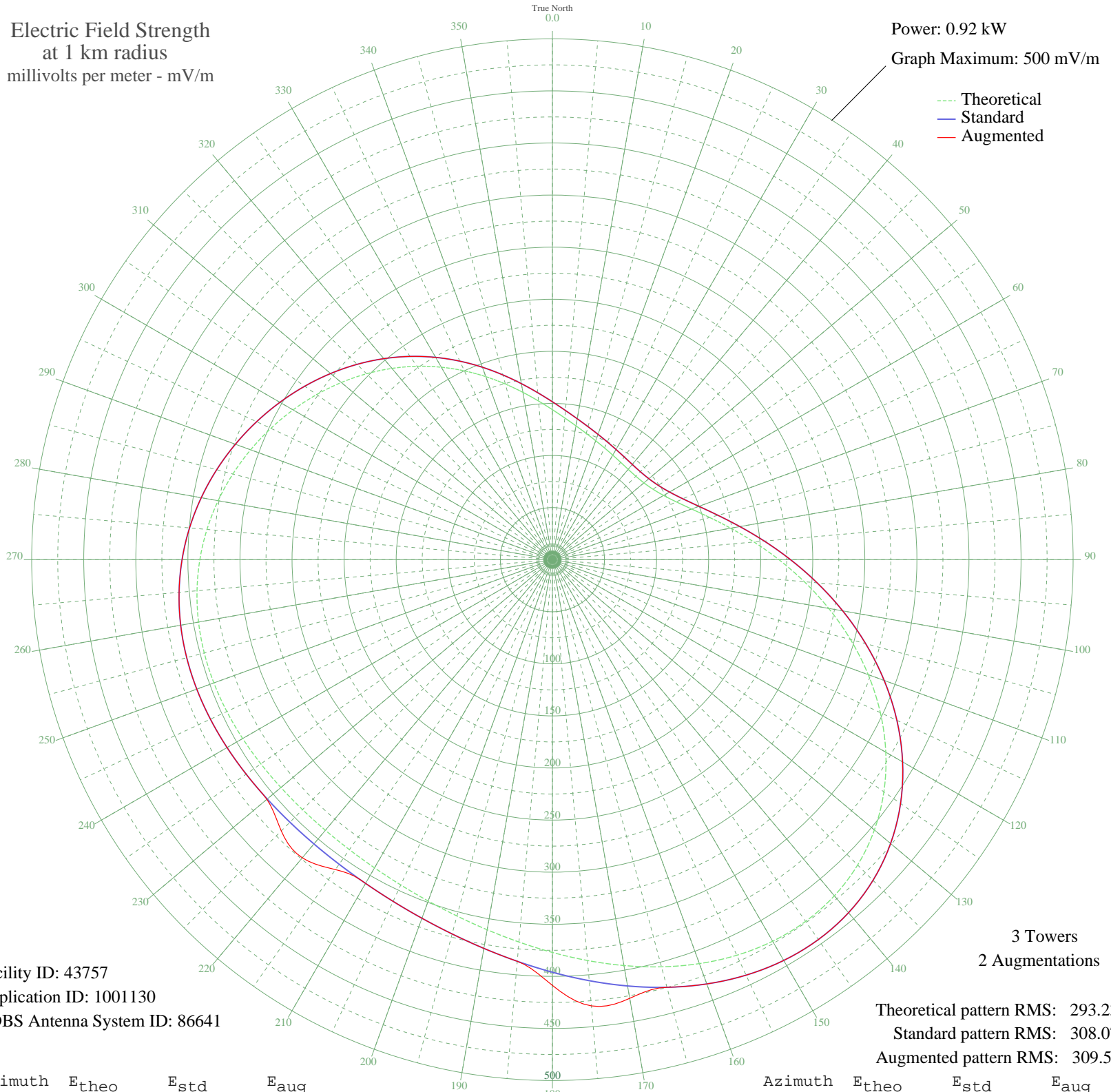


# KFCD FARMERSVILLE, TX BL-20040624AEP 990 kHz

Nighttime

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

Power: 0.92 kW  
Graph Maximum: 500 mV/m



Facility ID: 43757  
Application ID: 1001130  
CDBS Antenna System ID: 86641

3 Towers  
2 Augmentations

Theoretical pattern RMS: 293.23  
Standard pattern RMS: 308.07  
Augmented pattern RMS: 309.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	144.00	151.56	151.56
5	136.55	143.76	143.76
10	130.43	137.35	137.35
15	125.48	132.18	132.18
20	121.52	128.03	128.03
25	118.36	124.72	124.72
30	115.90	122.15	122.15
35	114.15	120.32	120.32
40	113.21	119.33	119.33
45	113.29	119.42	119.42
50	114.72	120.92	120.92
55	117.91	124.25	124.25
60	123.28	129.87	129.87
65	131.27	138.23	138.23
70	142.23	149.71	149.71
75	156.40	164.56	164.56
80	173.82	182.81	182.81
85	194.32	204.31	204.31
90	217.52	228.64	228.64
95	242.81	255.17	255.17
100	269.41	283.07	283.07
105	296.38	311.38	311.38
110	322.73	339.03	339.03
115	347.46	364.98	364.98
120	369.66	388.28	388.28
125	388.56	408.12	408.12
130	403.61	423.92	423.92
135	414.51	435.36	435.36
140	421.21	442.39	442.39
145	423.89	445.21	445.21
150	422.97	444.25	444.25
155	419.01	440.08	440.08
160	412.66	433.42	433.42
165	404.64	425.00	425.00
170	395.63	415.54	427.58
175	386.26	405.71	430.00

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	377.06	396.05	408.66
185	368.45	387.01	387.01
190	360.74	378.92	378.92
195	354.13	371.98	371.98
200	348.72	366.30	366.30
205	344.55	361.93	361.93
210	341.60	358.84	358.84
215	339.82	356.97	363.20
220	339.11	356.22	373.60
225	339.32	356.44	368.19
230	340.28	357.45	357.89
235	341.74	358.98	358.98
240	343.40	360.72	360.72
245	344.92	362.32	362.32
250	345.93	363.38	363.38
255	346.07	363.53	363.53
260	345.02	362.43	362.43
265	342.55	359.83	359.83
270	338.53	355.61	355.61
275	332.95	349.76	349.76
280	325.93	342.39	342.39
285	317.66	333.70	333.70
290	308.36	323.95	323.95
295	298.27	313.36	313.36
300	287.55	302.11	302.11
305	276.30	290.31	290.31
310	264.57	278.00	278.00
315	252.35	265.18	265.18
320	239.68	251.88	251.88
325	226.61	238.17	238.17
330	213.30	224.21	224.21
335	199.98	210.25	210.25
340	186.96	196.59	196.59
345	174.56	183.58	183.58
350	163.10	171.58	171.58
355	152.87	160.85	160.85