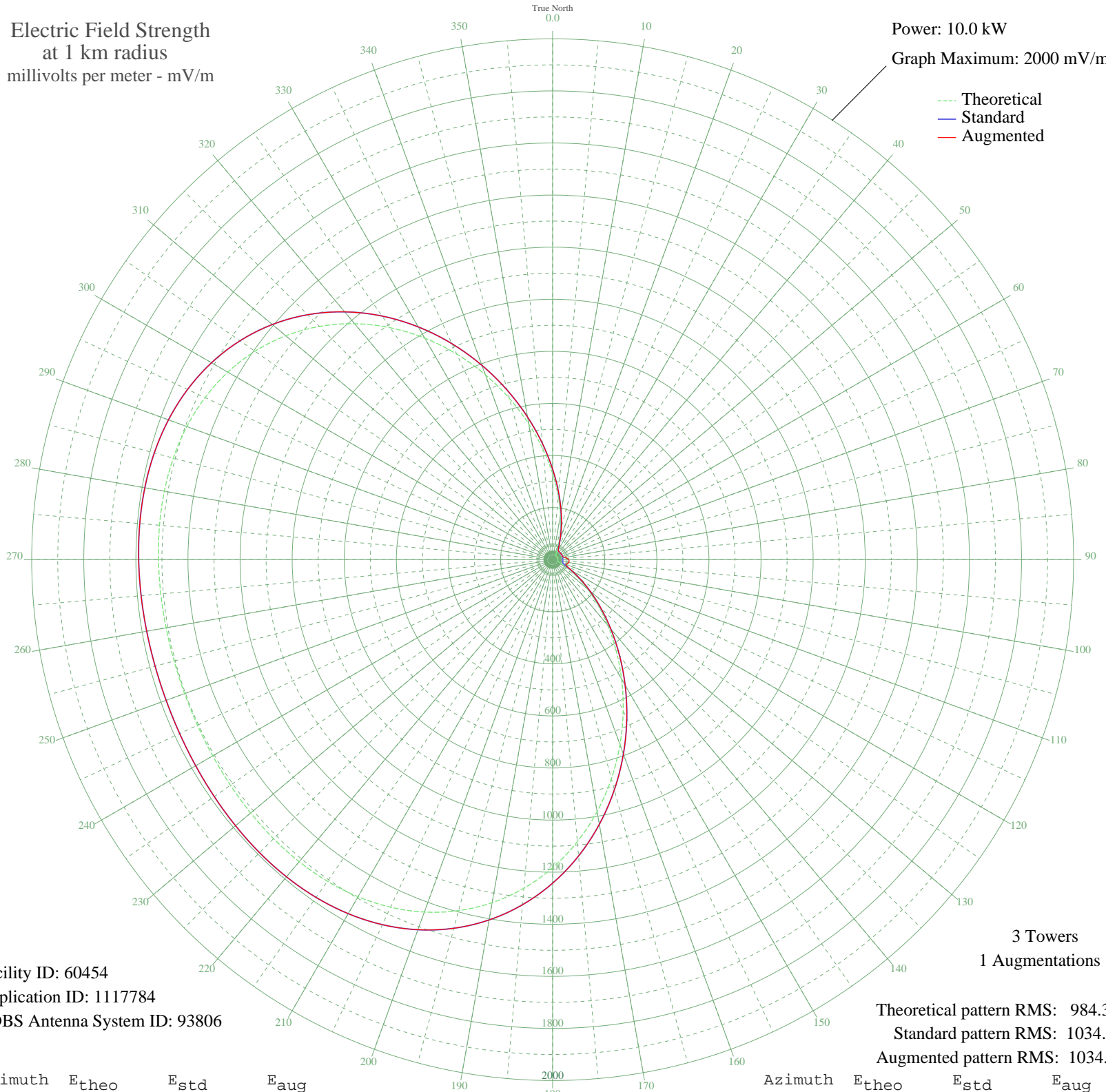


# KDXU ST. GEORGE, UT BL-20060216AMX 890 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 60454  
Application ID: 1117784  
CDBS Antenna System ID: 93806

3 Towers  
1 Augmentations

Theoretical pattern RMS: 984.30  
Standard pattern RMS: 1034.10  
Augmented pattern RMS: 1034.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	329.13	347.18	347.18
5	245.47	259.88	259.88
10	174.76	186.48	186.48
15	117.58	127.85	127.85
20	73.90	84.40	84.40
25	43.36	56.35	56.35
30	25.83	42.87	42.87
35	20.09	39.34	39.34
40	19.97	39.27	39.27
45	20.19	39.39	39.39
50	19.91	39.24	39.24
55	19.81	39.18	39.18
60	20.23	39.42	39.42
65	20.86	39.78	39.78
70	21.15	39.95	39.95
75	20.86	39.78	42.51
80	20.23	39.42	48.73
85	19.81	39.18	55.78
90	19.91	39.24	61.35
95	20.19	39.39	63.92
100	19.97	39.27	62.77
105	20.09	39.34	58.40
110	25.83	42.87	54.38
115	43.36	56.35	60.03
120	73.90	84.40	84.62
125	117.58	127.85	127.85
130	174.76	186.48	186.48
135	245.47	259.88	259.88
140	329.13	347.18	347.18
145	424.39	446.84	446.84
150	529.16	556.61	556.61
155	640.69	673.54	673.54
160	755.73	794.21	794.21
165	870.79	914.93	914.93
170	982.36	1032.01	1032.01
175	1087.20	1142.05	1142.05

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	1182.58	1242.16	1242.16
185	1266.43	1330.16	1330.16
190	1337.46	1404.72	1404.72
195	1395.18	1465.32	1465.32
200	1439.88	1512.24	1512.24
205	1472.50	1546.48	1546.48
210	1494.47	1569.55	1569.55
215	1507.59	1583.31	1583.31
220	1513.80	1589.84	1589.84
225	1515.09	1591.19	1591.19
230	1513.31	1589.33	1589.33
235	1510.11	1585.97	1585.97
240	1506.83	1582.52	1582.52
245	1504.46	1580.03	1580.03
250	1503.60	1579.13	1579.13
255	1504.46	1580.03	1580.03
260	1506.83	1582.52	1582.52
265	1510.11	1585.97	1585.97
270	1513.31	1589.33	1589.33
275	1515.09	1591.19	1591.19
280	1513.80	1589.84	1589.84
285	1507.59	1583.31	1583.31
290	1494.47	1569.55	1569.55
295	1472.50	1546.48	1546.48
300	1439.88	1512.24	1512.24
305	1395.18	1465.32	1465.32
310	1337.46	1404.72	1404.72
315	1266.43	1330.16	1330.16
320	1182.58	1242.15	1242.15
325	1087.20	1142.05	1142.05
330	982.36	1032.01	1032.01
335	870.79	914.93	914.93
340	755.73	794.21	794.21
345	640.69	673.54	673.54
350	529.16	556.61	556.61
355	424.39	446.84	446.84