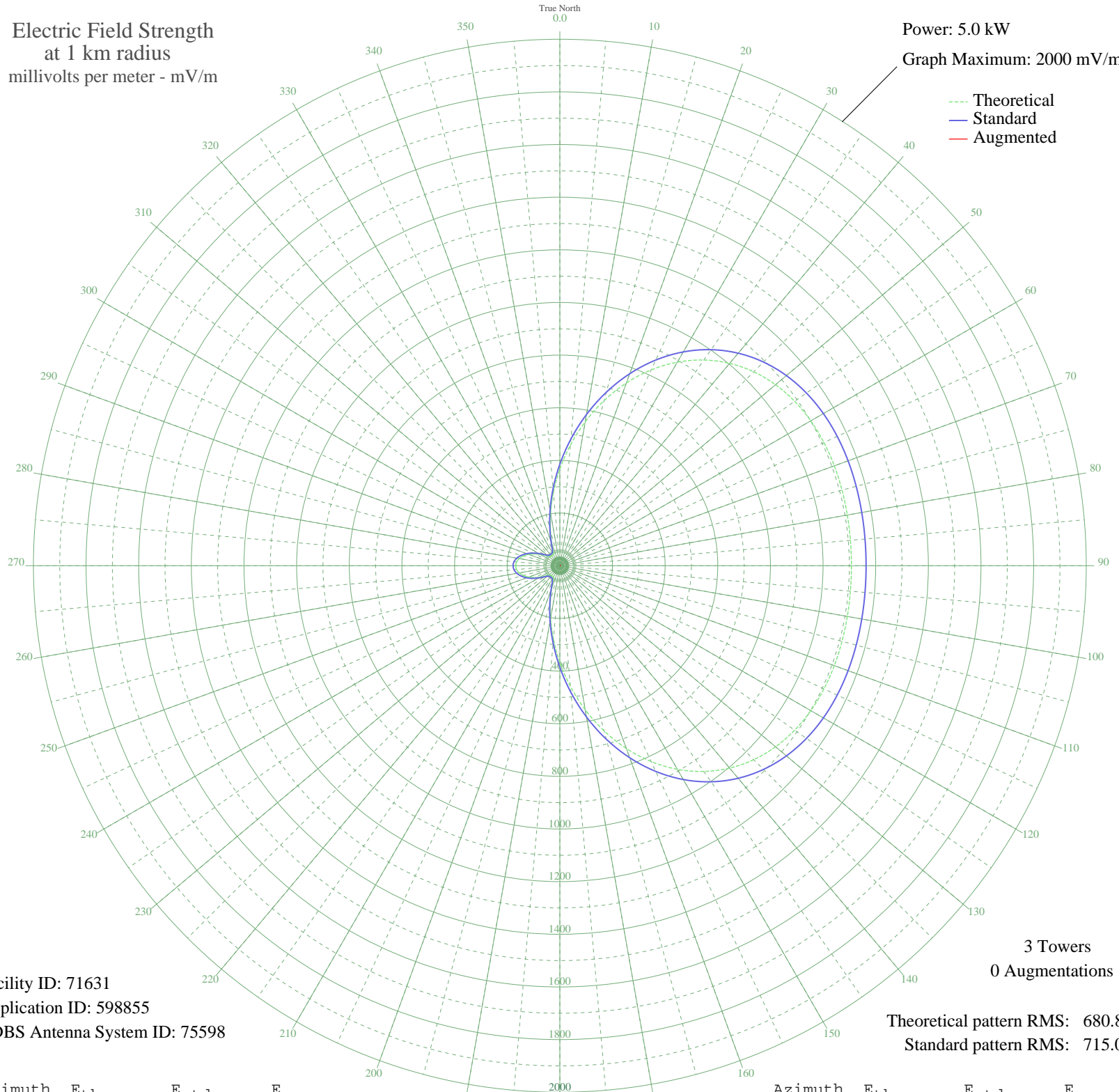


KREH PECAN GROVE, TX BL-20020308ABR 900 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 71631
Application ID: 598855
CDBS Antenna System ID: 75598

3 Towers
0 Augmentations

Theoretical pattern RMS: 680.80
Standard pattern RMS: 715.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	366.61	385.65	
5	459.70	483.26	
10	555.21	583.44	
15	649.41	682.28	
20	738.88	776.18	
25	820.75	862.10	
30	892.88	937.81	
35	953.96	1001.93	
40	1003.52	1053.96	
45	1041.86	1094.20	
50	1069.89	1123.63	
55	1088.99	1143.68	
60	1100.82	1156.10	
65	1107.14	1162.73	
70	1109.64	1165.36	
75	1109.85	1165.58	
80	1109.06	1164.75	
85	1108.19	1163.84	
90	1107.84	1163.47	
95	1108.19	1163.84	
100	1109.06	1164.75	
105	1109.85	1165.58	
110	1109.64	1165.36	
115	1107.14	1162.73	
120	1100.82	1156.10	
125	1088.99	1143.68	
130	1069.89	1123.63	
135	1041.86	1094.20	
140	1003.52	1053.96	
145	953.96	1001.93	
150	892.88	937.81	
155	820.75	862.10	
160	738.88	776.18	
165	649.41	682.28	
170	555.21	583.44	
175	459.70	483.26	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	366.61	385.65	
185	279.67	294.59	
190	202.42	213.83	
195	138.09	146.88	
200	89.76	97.13	
205	60.44	67.67	
210	49.66	57.19	
215	48.42	56.00	
220	48.42	56.00	
225	49.19	56.73	
230	54.66	62.01	
235	67.28	74.44	
240	85.40	92.69	
245	105.81	113.55	
250	125.73	134.09	
255	143.10	152.08	
260	156.48	165.97	
265	164.87	174.70	
270	167.73	177.67	
275	164.87	174.70	
280	156.48	165.97	
285	143.10	152.08	
290	125.73	134.09	
295	105.81	113.55	
300	85.40	92.69	
305	67.28	74.44	
310	54.66	62.01	
315	49.19	56.73	
320	48.42	56.00	
325	48.42	56.00	
330	49.66	57.19	
335	60.44	67.67	
340	89.76	97.13	
345	138.09	146.88	
350	202.42	213.84	
355	279.67	294.59	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission