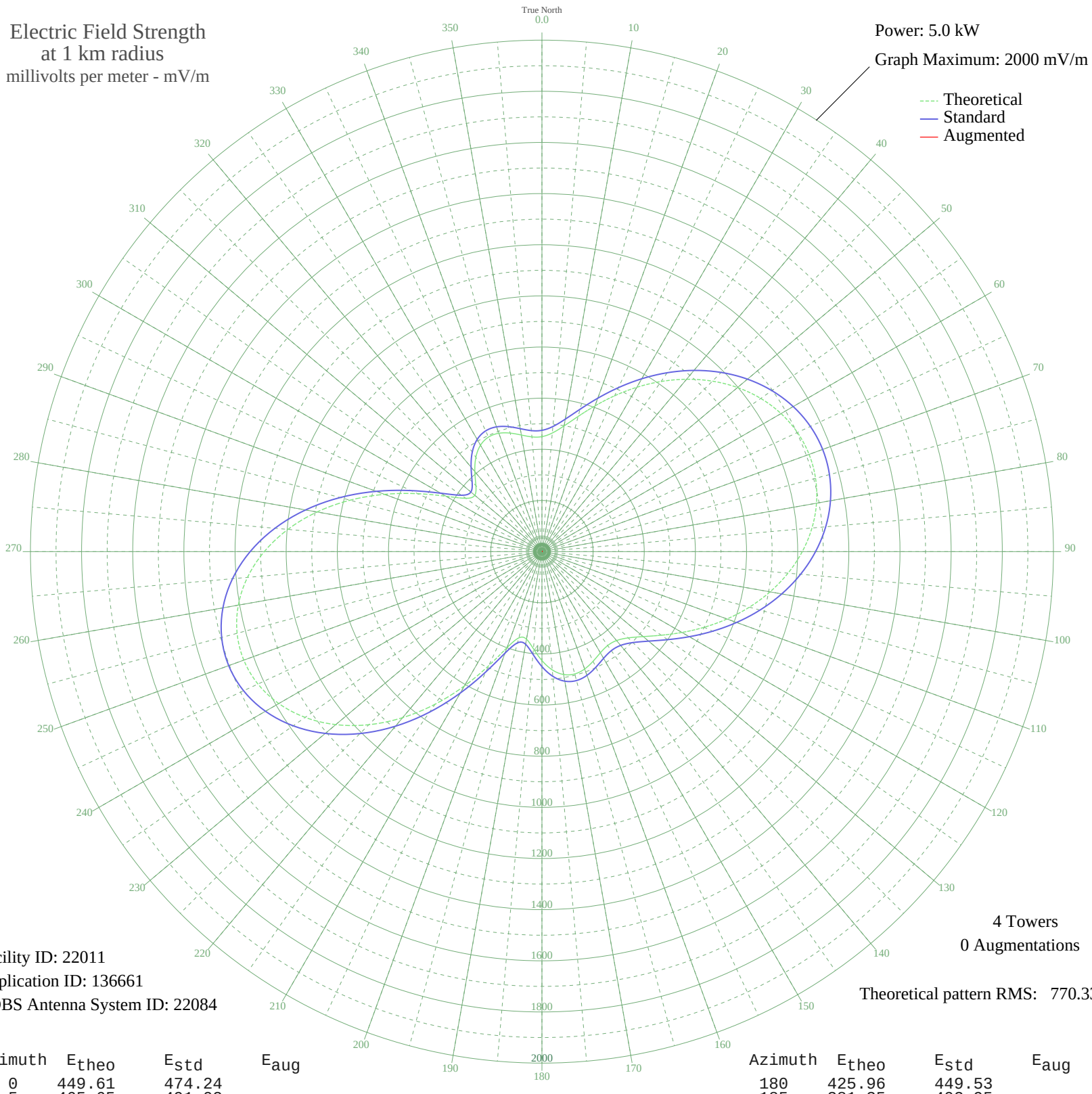
KUTY PALMDALE, CA BL-19891206AF 1470 kHz

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

4 Towers
0 Augmentations

Facility ID: 22011
Application ID: 136661
CDBS Antenna System ID: 22084

Theoretical pattern RMS: 770.33

Azimuth	E_{theo}	E_{std}	E_{aug}
0	449.61	474.24	
5	465.65	491.02	
10	499.10	526.00	
15	547.34	576.47	
20	606.41	638.33	
25	672.43	707.50	
30	742.00	780.41	
35	812.07	853.87	
40	879.85	924.95	
45	942.73	990.89	
50	998.30	1049.19	
55	1044.48	1097.63	
60	1079.55	1134.43	
65	1102.23	1158.22	
70	1111.70	1168.16	
75	1107.63	1163.89	
80	1090.17	1145.56	
85	1059.92	1113.83	
90	1018.00	1069.86	
95	965.96	1015.26	
100	905.73	952.09	
105	839.61	882.74	
110	770.13	809.89	
115	700.01	736.40	
120	632.18	665.33	
125	569.89	600.09	
130	516.83	544.55	
135	477.04	502.92	
140	453.89	478.72	
145	448.24	472.81	
150	456.91	481.87	
155	473.08	498.78	
160	488.42	514.83	
165	495.25	521.97	
170	488.00	514.38	
175	464.25	489.55	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	425.96	449.53	
185	381.35	402.95	
190	347.59	367.76	
195	349.00	369.23	
200	400.08	422.50	
205	492.04	518.61	
210	606.49	638.41	
215	728.40	766.16	
220	847.59	891.12	
225	957.16	1006.03	
230	1052.40	1105.94	
235	1130.10	1187.47	
240	1188.15	1248.38	
245	1225.23	1287.29	
250	1240.61	1303.43	
255	1234.01	1296.50	
260	1205.55	1266.64	
265	1155.77	1214.40	
270	1085.72	1140.90	
275	997.18	1048.02	
280	892.88	938.61	
285	776.85	816.94	
290	655.02	689.25	
295	536.08	564.70	
300	432.99	456.87	
305	363.50	384.33	
310	342.64	362.59	
315	365.24	386.15	
320	408.14	430.92	
325	450.39	475.06	
330	480.48	506.52	
335	494.26	520.93	
340	492.55	519.14	
345	479.78	505.79	
350	462.93	488.17	
355	450.31	474.97	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission