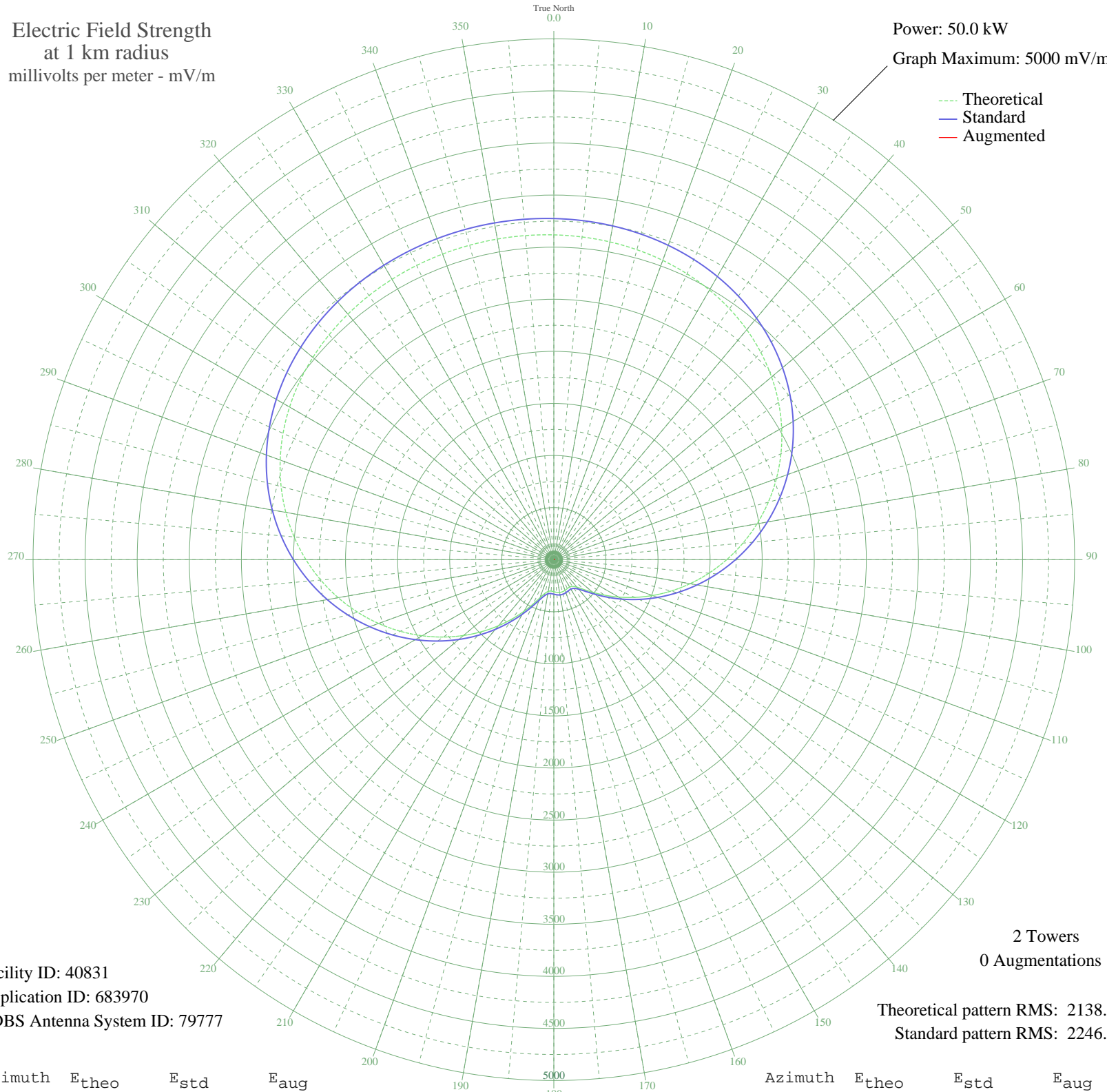


KELP EL PASO, TX BP-20030902AAA 1590 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 40831
Application ID: 683970
CDBS Antenna System ID: 79777

2 Towers
0 Augmentations

Theoretical pattern RMS: 2138.05
Standard pattern RMS: 2246.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3117.93	3274.67	
5	3109.71	3266.04	
10	3097.53	3253.26	
15	3080.46	3235.34	
20	3057.42	3211.15	
25	3027.23	3179.46	
30	2988.66	3138.97	
35	2940.54	3088.45	
40	2881.76	3026.76	
45	2811.42	2952.93	
50	2728.84	2866.25	
55	2633.65	2766.33	
60	2525.81	2653.14	
65	2405.68	2527.05	
70	2273.98	2388.84	
75	2131.87	2239.70	
80	1980.84	2081.20	
85	1822.72	1915.30	
90	1659.64	1744.20	
95	1493.94	1570.39	
100	1328.14	1396.52	
105	1164.88	1225.37	
110	1006.89	1059.83	
115	857.00	902.91	
120	718.20	757.76	
125	593.75	627.85	
130	487.35	517.07	
135	403.08	429.69	
140	344.59	369.35	
145	312.69	336.61	
150	302.80	326.49	
155	306.06	329.82	
160	313.55	337.50	
165	319.10	343.18	
170	319.66	343.75	
175	314.96	338.94	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	307.46	331.26	
185	302.71	326.40	
190	309.19	333.04	
195	336.14	360.67	
200	389.23	415.38	
205	468.59	497.59	
210	570.90	604.03	
215	692.05	730.44	
220	828.25	872.83	
225	976.17	1027.66	
230	1132.77	1191.72	
235	1295.20	1361.98	
240	1460.70	1535.53	
245	1626.63	1709.57	
250	1790.43	1881.42	
255	1949.72	2048.55	
260	2102.32	2208.69	
265	2246.35	2359.84	
270	2380.23	2500.34	
275	2502.75	2628.94	
280	2613.09	2744.75	
285	2710.82	2847.33	
290	2795.90	2936.64	
295	2868.64	3012.99	
300	2929.66	3077.04	
305	2979.84	3129.71	
310	3020.22	3172.10	
315	3051.99	3205.45	
320	3076.37	3231.04	
325	3094.54	3250.12	
330	3107.62	3263.85	
335	3116.57	3273.24	
340	3122.16	3279.11	
345	3124.93	3282.01	
350	3125.17	3282.27	
355	3122.92	3279.91	

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.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission