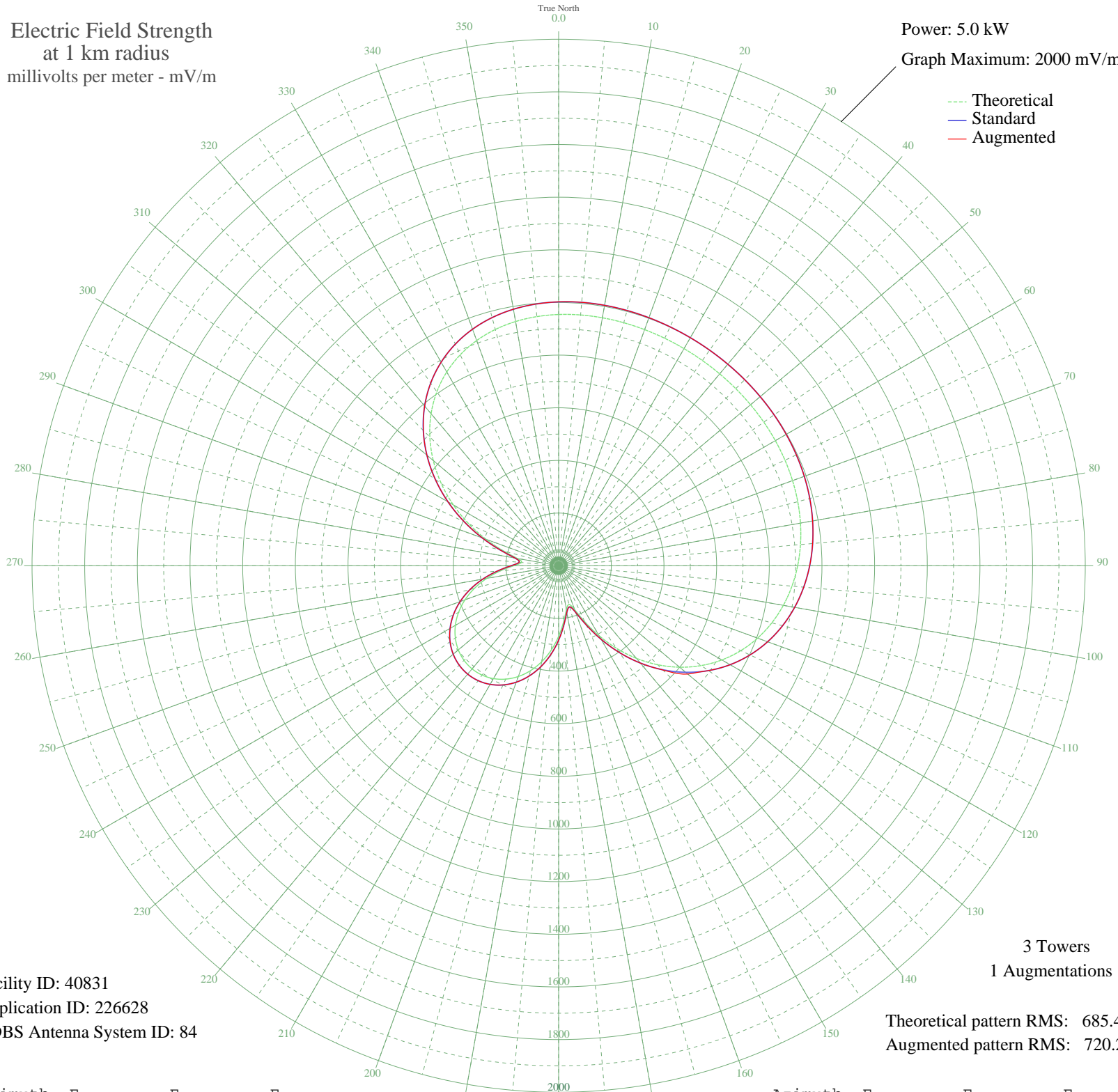


# KELP EL PASO, TX BL-19960530AD 1590 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 40831  
Application ID: 226628  
CDBS Antenna System ID: 84

Theoretical pattern RMS: 685.42  
Augmented pattern RMS: 720.21

Azimuth	Etheo	Estd	Eaug
0	954.35	1002.35	1002.35
5	956.21	1004.29	1004.29
10	956.41	1004.50	1004.50
15	955.66	1003.72	1003.72
20	954.51	1002.51	1002.51
25	953.33	1001.27	1001.27
30	952.36	1000.25	1000.25
35	951.72	999.58	999.58
40	951.41	999.26	999.26
45	951.35	999.19	999.19
50	951.34	999.18	999.18
55	951.11	998.94	998.94
60	950.31	998.10	998.10
65	948.52	996.22	996.22
70	945.29	992.83	992.83
75	940.12	987.41	987.41
80	932.50	979.41	979.41
85	921.90	968.27	968.27
90	907.75	953.43	953.43
95	889.49	934.26	934.26
100	866.52	910.15	910.15
105	838.23	880.45	880.45
110	804.01	844.54	844.54
115	763.32	801.83	801.83
120	715.75	751.90	751.90
125	661.14	694.59	694.59
130	599.64	630.06	640.15
135	531.87	558.96	560.16
140	458.99	482.51	482.51
145	382.90	402.73	402.73
150	306.55	322.73	322.73
155	234.96	247.82	247.82
160	177.79	188.15	188.15
165	152.27	161.60	161.60
170	169.39	179.40	179.40
175	214.18	226.12	226.12

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	267.96	282.34	282.34
185	321.33	338.21	338.21
190	370.18	389.39	389.39
195	412.62	433.89	433.89
200	447.78	470.76	470.76
205	475.29	499.61	499.61
210	495.04	520.32	520.32
215	507.05	532.92	532.92
220	511.40	537.49	537.49
225	508.15	534.07	534.07
230	497.32	522.72	522.72
235	478.92	503.41	503.41
240	452.93	476.16	476.16
245	419.40	441.00	441.00
250	378.52	398.14	398.14
255	330.82	348.16	348.16
260	277.55	292.37	292.37
265	221.62	233.88	233.88
270	170.32	180.37	180.37
275	141.63	150.55	150.55
280	158.88	168.47	168.47
285	216.32	228.35	228.35
290	292.91	308.45	308.45
295	376.67	396.20	396.20
300	461.64	485.29	485.29
305	544.14	571.83	571.83
310	621.53	653.03	653.03
315	691.85	726.83	726.83
320	753.76	791.80	791.80
325	806.51	847.16	847.16
330	849.90	892.70	892.70
335	884.26	928.77	928.77
340	910.34	956.14	956.14
345	929.17	975.91	975.91
350	941.96	989.33	989.33
355	949.96	997.73	997.73