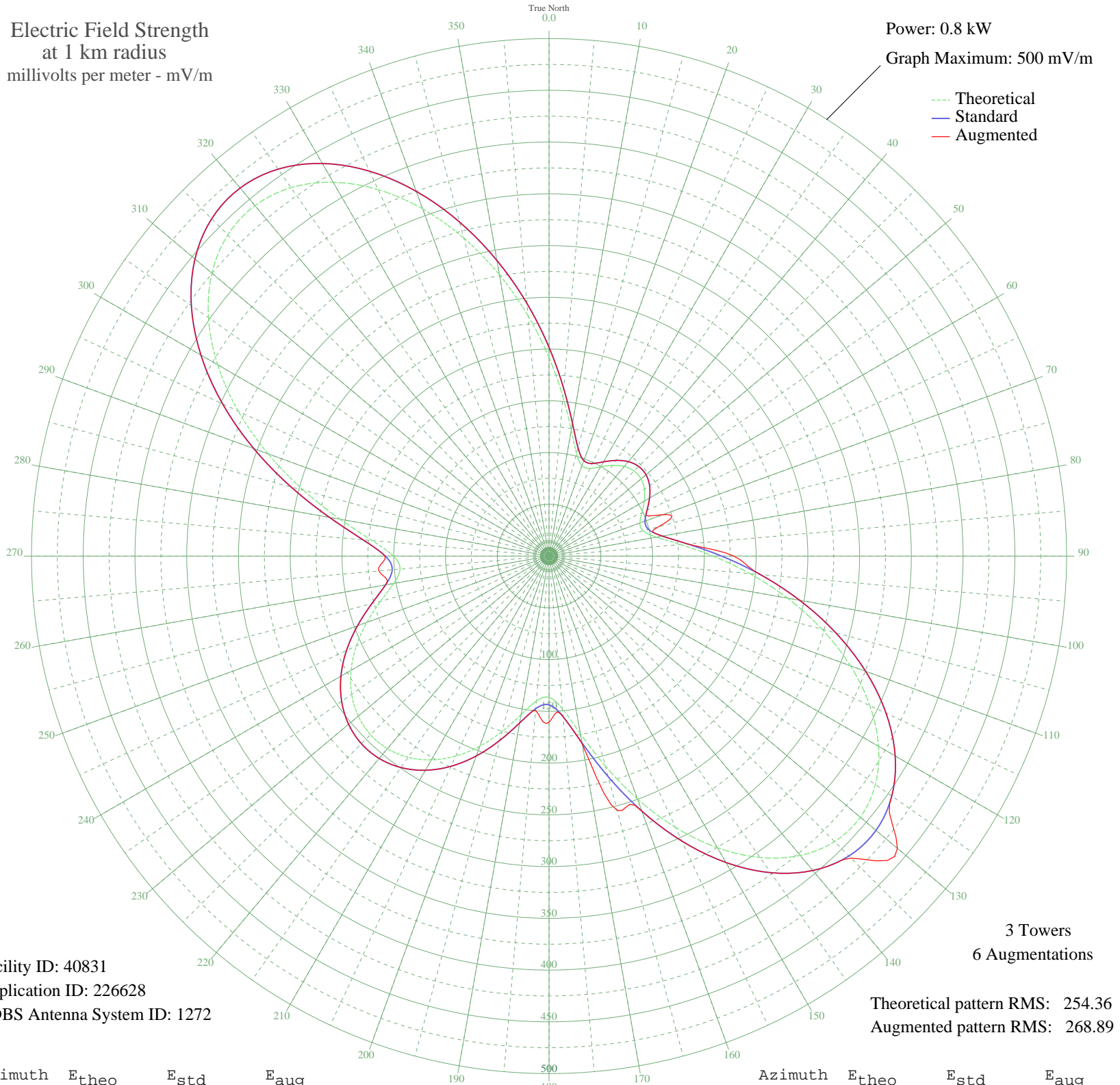


# KELP EL PASO, TX BL-19960530AD 1590 kHz

Nighttime

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

Power: 0.8 kW  
Graph Maximum: 500 mV/m



Facility ID: 40831  
Application ID: 226628  
CDBS Antenna System ID: 1272

Theoretical pattern RMS: 254.36  
Augmented pattern RMS: 268.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	191.81	201.67	201.67
5	154.40	162.46	162.46
10	123.68	130.29	130.29
15	102.58	108.22	108.22
20	92.99	98.20	98.20
25	93.46	98.70	98.70
30	99.58	105.08	105.08
35	107.00	112.84	112.84
40	113.00	119.11	119.11
45	116.19	122.45	122.45
50	116.01	122.27	122.27
55	112.50	118.59	118.59
60	106.28	112.09	112.09
65	98.93	104.41	104.41
70	93.42	98.65	116.98
75	94.23	99.50	109.48
80	105.41	111.17	111.17
85	127.62	134.41	134.41
90	158.48	166.73	178.50
95	194.87	204.89	204.89
100	233.93	245.85	245.85
105	273.06	286.90	286.90
110	309.84	325.50	325.50
115	342.03	359.28	359.28
120	367.59	386.11	386.11
125	384.83	404.21	404.21
130	392.55	412.32	439.32
135	390.11	409.75	412.71
140	377.53	396.55	396.55
145	355.51	373.43	373.43
150	325.40	341.84	341.84
155	289.23	303.87	303.87
160	249.60	262.29	262.29
165	209.83	220.58	254.37
170	174.20	183.21	184.31
175	148.03	155.79	155.79

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	136.48	143.68	160.46
185	140.58	147.99	149.80
190	155.66	163.79	163.79
195	175.45	184.52	184.52
200	195.46	205.50	205.50
205	213.19	224.09	224.09
210	227.35	238.95	238.95
215	237.34	249.43	249.43
220	242.89	255.25	255.25
225	243.95	256.36	256.36
230	240.53	252.77	252.77
235	232.75	244.62	244.62
240	220.87	232.15	232.15
245	205.38	215.90	215.90
250	187.27	196.91	196.91
255	168.46	177.19	177.19
260	152.41	160.38	160.38
265	144.51	152.09	165.06
270	150.30	158.17	158.49
275	171.51	180.39	180.39
280	204.92	215.43	215.43
285	245.55	258.04	258.04
290	288.89	303.51	303.51
295	331.27	347.99	347.99
300	369.68	388.31	388.31
305	401.63	421.84	421.84
310	425.14	446.52	446.52
315	438.84	460.90	460.90
320	441.99	464.21	464.21
325	434.52	456.37	456.37
330	417.02	437.99	437.99
335	390.63	410.29	410.29
340	356.99	374.99	374.99
345	318.07	334.14	334.14
350	276.04	290.04	290.04
355	233.18	245.06	245.06