

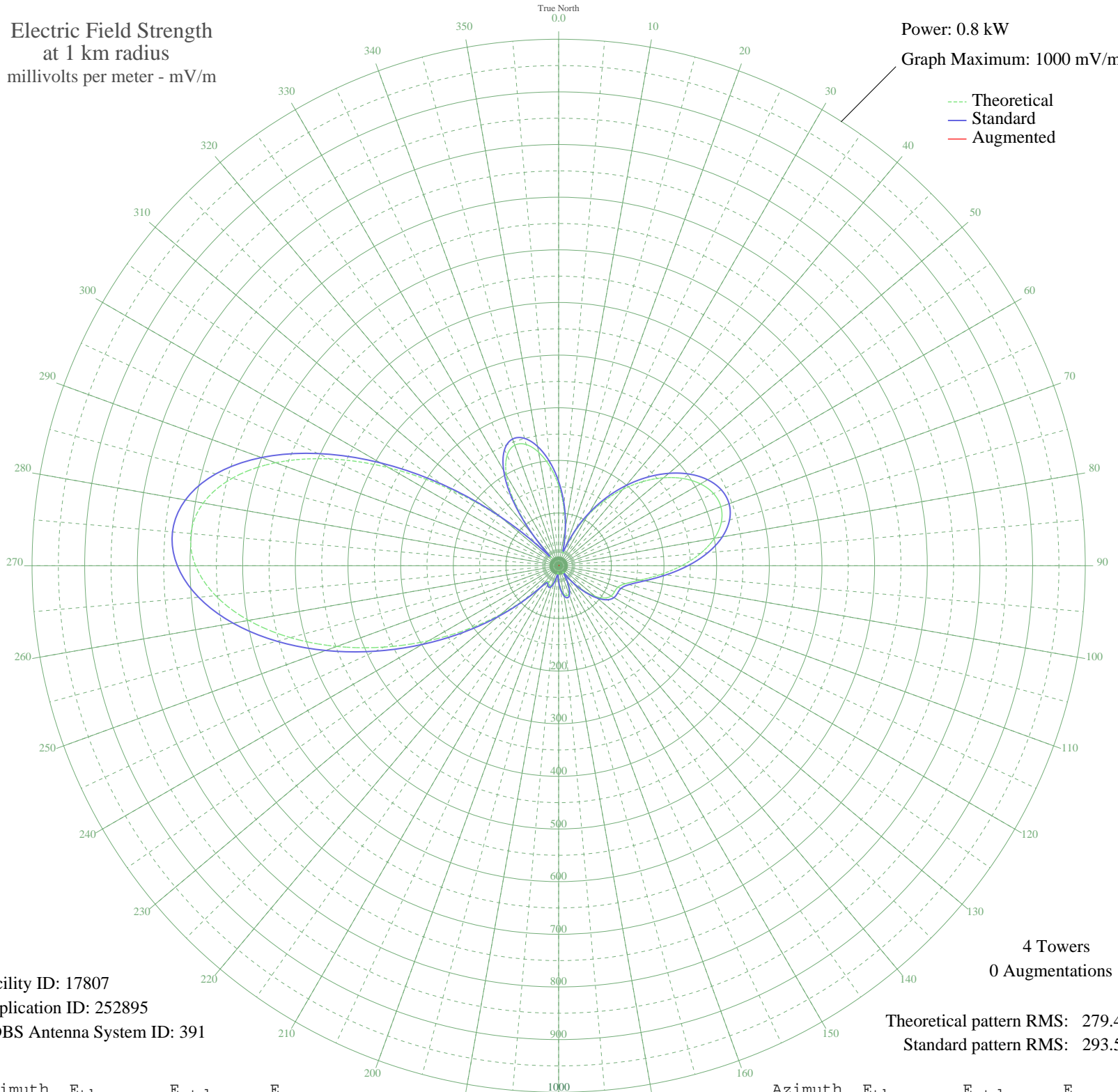
# KELG MANOR, TX BL-19970908KA 1440 kHz

Daytime

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

Power: 0.8 kW

Graph Maximum: 1000 mV/m



Facility ID: 17807  
Application ID: 252895  
CDBS Antenna System ID: 391

4 Towers  
0 Augmentations

Theoretical pattern RMS: 279.41  
Standard pattern RMS: 293.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	152.21	160.17	
5	111.68	117.73	
10	70.12	74.37	
15	32.92	36.12	
20	32.91	36.12	
25	69.26	73.48	
30	109.62	115.58	
35	149.87	157.72	
40	189.00	198.73	
45	226.07	237.60	
50	259.84	273.03	
55	288.75	303.36	
60	310.94	326.66	
65	324.53	340.92	
70	327.85	344.40	
75	319.83	335.99	
80	300.37	315.56	
85	270.68	284.41	
90	233.58	245.49	
95	193.67	203.62	
100	157.29	165.49	
105	131.42	138.39	
110	119.52	125.94	
115	117.04	123.34	
120	114.99	121.20	
125	106.81	112.64	
130	90.20	95.29	
135	66.22	70.32	
140	38.27	41.53	
145	14.86	18.81	
150	25.11	28.38	
155	43.97	47.35	
160	55.97	59.70	
165	59.33	63.18	
170	54.40	58.08	
175	42.78	46.13	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	27.19	30.42	
185	13.55	17.68	
190	17.88	21.51	
195	30.41	33.62	
200	39.26	42.54	
205	41.77	45.09	
210	38.25	41.51	
215	35.82	39.05	
220	51.66	55.25	
225	89.62	94.69	
230	143.46	150.99	
235	209.44	220.16	
240	284.62	299.04	
245	365.62	384.05	
250	448.24	470.77	
255	527.51	553.98	
260	597.89	627.87	
265	653.67	686.44	
270	689.51	724.06	
275	701.01	736.14	
280	685.35	719.69	
285	641.81	673.98	
290	572.03	600.73	
295	480.09	504.21	
300	372.13	390.88	
305	255.80	268.79	
310	139.52	146.87	
315	34.69	37.91	
320	69.28	73.50	
325	144.18	151.76	
330	198.66	208.86	
335	231.41	243.21	
340	243.72	256.12	
345	238.35	250.49	
350	218.84	230.02	
355	188.95	198.68	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission