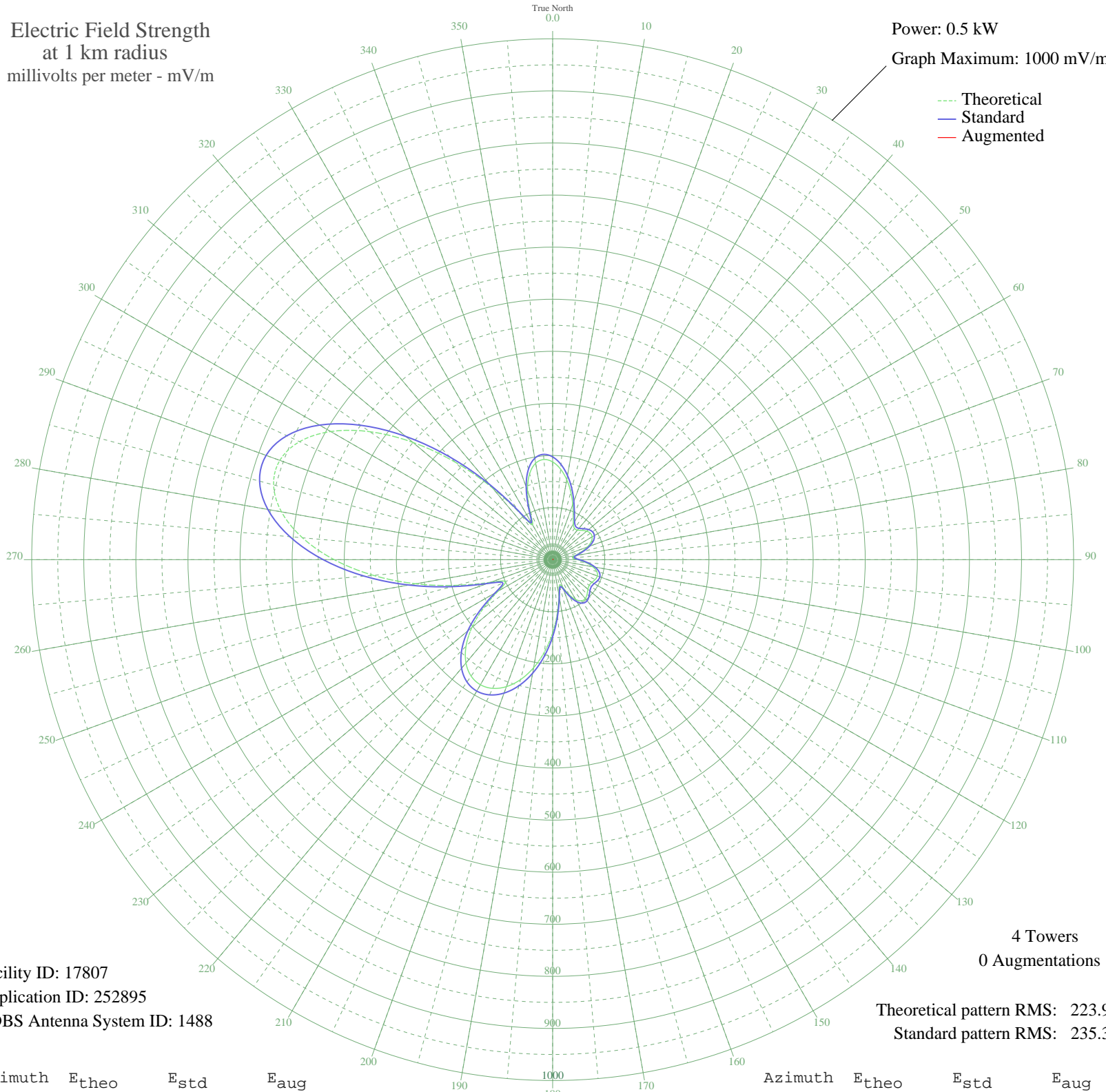


# KELG MANOR, TX BL-19970908KA 1440 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 17807  
Application ID: 252895  
CDBS Antenna System ID: 1488

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 223.96  
Standard pattern RMS: 235.39

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	187.72	197.38	
5	174.49	183.51	
10	155.90	164.03	
15	134.49	141.60	
20	112.79	118.90	
25	93.49	98.72	
30	79.47	84.10	
35	73.07	77.44	
40	74.08	78.48	
45	79.35	83.98	
50	85.08	89.95	
55	88.40	93.41	
60	87.52	92.49	
65	81.61	86.33	
70	70.77	75.05	
75	56.47	60.21	
80	42.73	46.07	
85	38.16	41.42	
90	47.77	51.25	
95	63.57	67.57	
100	78.01	82.58	
105	87.59	92.56	
110	91.29	96.42	
115	90.14	95.23	
120	87.03	91.98	
125	85.70	90.60	
130	88.34	93.35	
135	93.55	98.79	
140	97.50	102.91	
145	96.46	101.82	
150	88.35	93.36	
155	73.50	77.88	
160	56.38	60.12	
165	50.56	54.12	
170	69.21	73.43	
175	102.73	108.37	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	140.46	147.85	
185	177.38	186.54	
190	210.67	221.45	
195	238.46	250.60	
200	259.44	272.61	
205	272.63	286.46	
210	277.31	291.37	
215	272.88	286.71	
220	258.89	272.04	
225	235.20	247.18	
230	202.23	212.60	
235	161.93	170.35	
240	120.88	127.36	
245	99.78	105.30	
250	127.04	133.81	
255	190.21	199.99	
260	266.81	280.35	
265	345.60	363.04	
270	419.38	440.48	
275	482.13	506.35	
280	528.60	555.13	
285	554.59	582.42	
290	557.37	585.34	
295	536.08	562.99	
300	491.97	516.67	
305	428.35	449.89	
310	350.41	368.08	
315	264.83	278.26	
320	179.81	189.09	
325	107.79	113.66	
330	77.22	81.76	
335	102.92	108.58	
340	141.14	148.57	
345	170.82	179.67	
350	188.00	197.68	
355	193.02	202.94	

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