

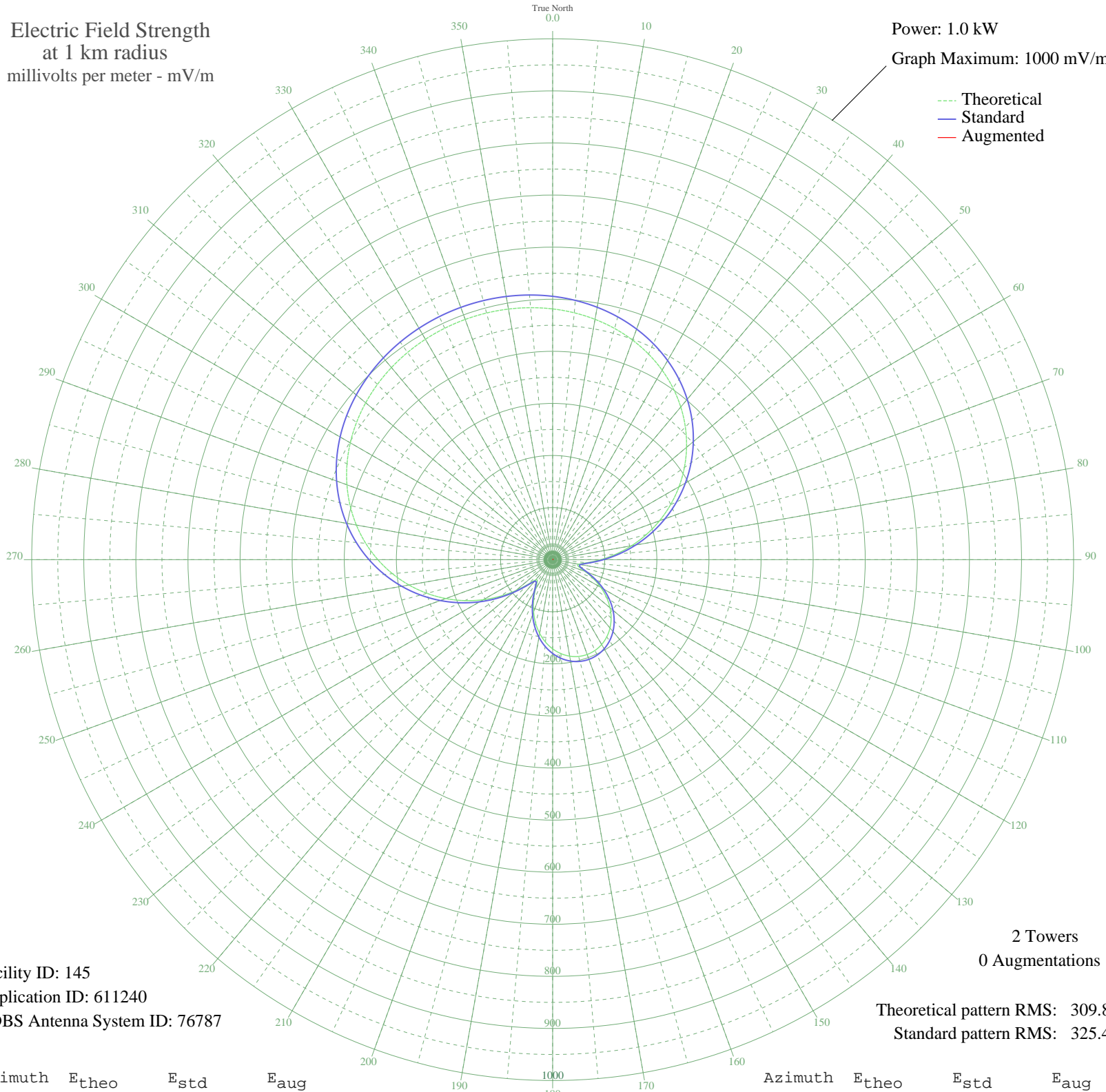
**KDFT FERRIS, TX BL-20020816AAZ 540 kHz**

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 145  
Application ID: 611240  
CDBS Antenna System ID: 76787

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 309.83  
Standard pattern RMS: 325.49

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	481.43	505.61	
5	475.78	499.68	
10	468.53	492.07	
15	459.52	482.61	
20	448.56	471.11	
25	435.51	457.40	
30	420.21	441.35	
35	402.59	422.85	
40	382.58	401.85	
45	360.21	378.36	
50	335.54	352.48	
55	308.75	324.36	
60	280.06	294.25	
65	249.78	262.47	
70	218.30	229.45	
75	186.10	195.69	
80	153.77	161.80	
85	122.09	128.63	
90	92.27	97.45	
95	66.68	70.80	
100	50.69	54.25	
105	51.53	55.12	
110	66.33	70.43	
115	86.30	91.22	
120	106.87	112.71	
125	126.26	132.99	
130	143.68	151.23	
135	158.75	167.01	
140	171.24	180.11	
145	181.04	190.38	
150	188.07	197.75	
155	192.31	202.19	
160	193.72	203.68	
165	192.31	202.19	
170	188.07	197.75	
175	181.04	190.38	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	171.24	180.11	
185	158.75	167.01	
190	143.68	151.23	
195	126.26	132.99	
200	106.87	112.71	
205	86.30	91.22	
210	66.33	70.43	
215	51.53	55.12	
220	50.69	54.25	
225	66.68	70.80	
230	92.27	97.45	
235	122.09	128.63	
240	153.77	161.80	
245	186.10	195.69	
250	218.30	229.45	
255	249.78	262.47	
260	280.06	294.25	
265	308.75	324.36	
270	335.54	352.48	
275	360.21	378.36	
280	382.58	401.85	
285	402.59	422.85	
290	420.21	441.35	
295	435.51	457.40	
300	448.56	471.11	
305	459.52	482.61	
310	468.53	492.07	
315	475.78	499.68	
320	481.43	505.61	
325	485.64	510.03	
330	488.55	513.08	
335	490.25	514.87	
340	490.81	515.45	
345	490.25	514.87	
350	488.55	513.08	
355	485.64	510.03	