

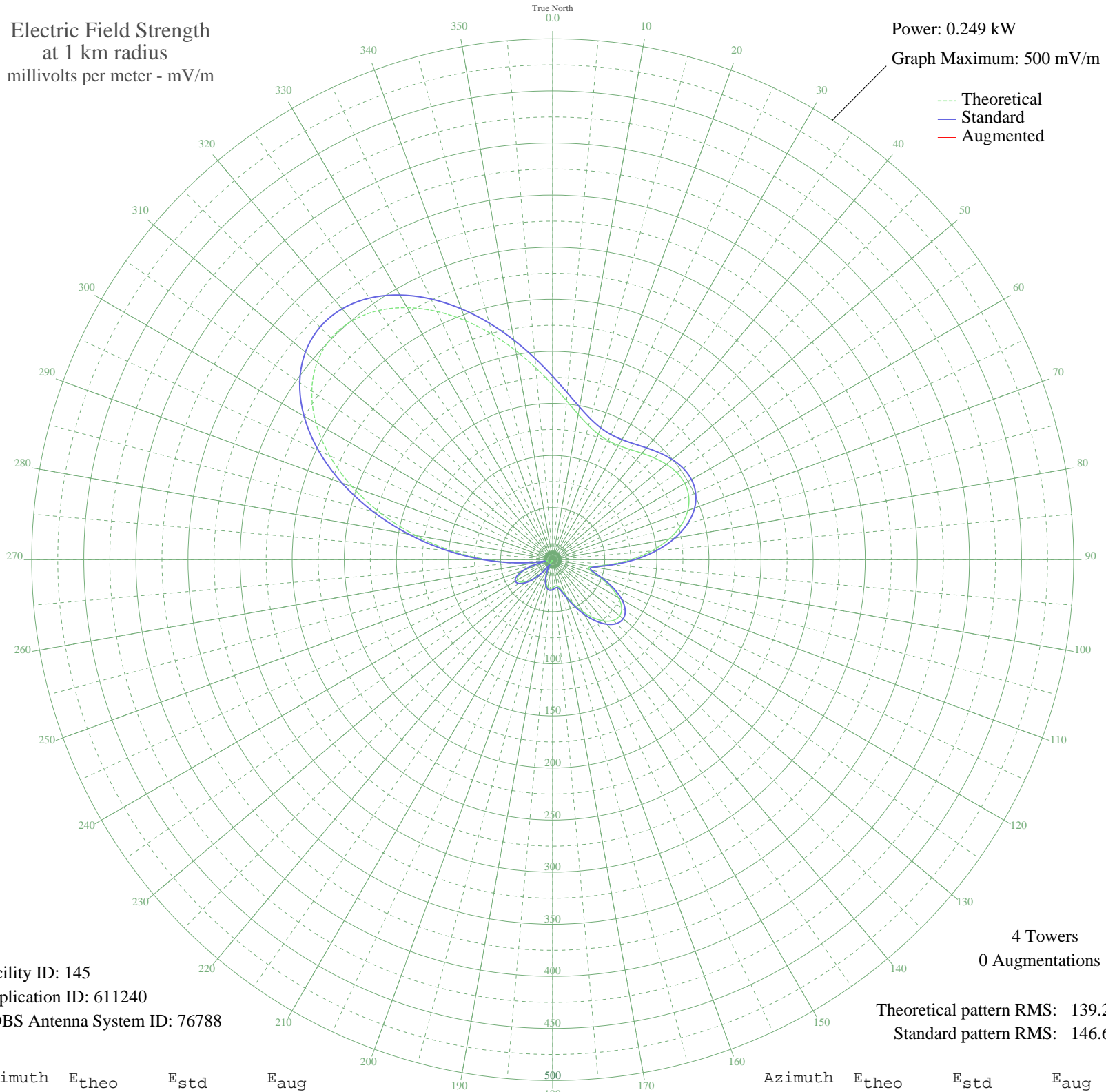
**KDFT FERRIS, TX BL-20020816AAZ 540 kHz**

**Nighttime**

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

Power: 0.249 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 145  
Application ID: 611240  
CDBS Antenna System ID: 76788

4 Towers  
0 Augmentations

Theoretical pattern RMS: 139.29  
Standard pattern RMS: 146.63

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	167.61	176.07	
5	153.10	160.84	
10	141.60	148.77	
15	133.30	140.06	
20	128.20	134.71	
25	126.09	132.50	
30	126.63	133.06	
35	129.27	135.83	
40	133.34	140.11	
45	138.03	145.03	
50	142.43	149.64	
55	145.54	152.91	
60	146.39	153.80	
65	144.11	151.41	
70	138.00	145.00	
75	127.71	134.19	
80	113.25	119.03	
85	95.18	100.08	
90	74.71	78.63	
95	54.15	57.10	
100	38.42	40.68	
105	36.06	38.23	
110	46.84	49.46	
115	60.93	64.20	
120	72.94	76.76	
125	80.82	85.03	
130	83.95	88.31	
135	82.42	86.70	
140	76.82	80.84	
145	68.12	71.72	
150	57.51	60.61	
155	46.36	48.96	
160	36.23	38.41	
165	28.84	30.74	
170	25.48	27.27	
175	25.59	27.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	26.95	28.78	
185	27.64	29.50	
190	26.65	28.47	
195	23.58	25.32	
200	18.45	20.07	
205	11.45	13.13	
210	3.00	6.14	
215	6.39	8.53	
220	16.00	17.61	
225	25.03	26.81	
230	32.55	34.58	
235	37.56	39.79	
240	39.05	41.34	
245	36.08	38.25	
250	27.89	29.75	
255	14.14	15.75	
260	7.67	9.62	
265	32.40	34.43	
270	62.84	66.20	
275	97.05	102.04	
280	133.37	140.14	
285	169.95	178.52	
290	204.82	215.13	
295	236.15	248.02	
300	262.34	275.51	
305	282.20	296.36	
310	295.03	309.82	
315	300.64	315.72	
320	299.35	314.37	
325	291.90	306.54	
330	279.34	293.35	
335	262.92	276.11	
340	243.98	256.23	
345	223.85	235.10	
350	203.73	213.98	
355	184.70	194.01	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission