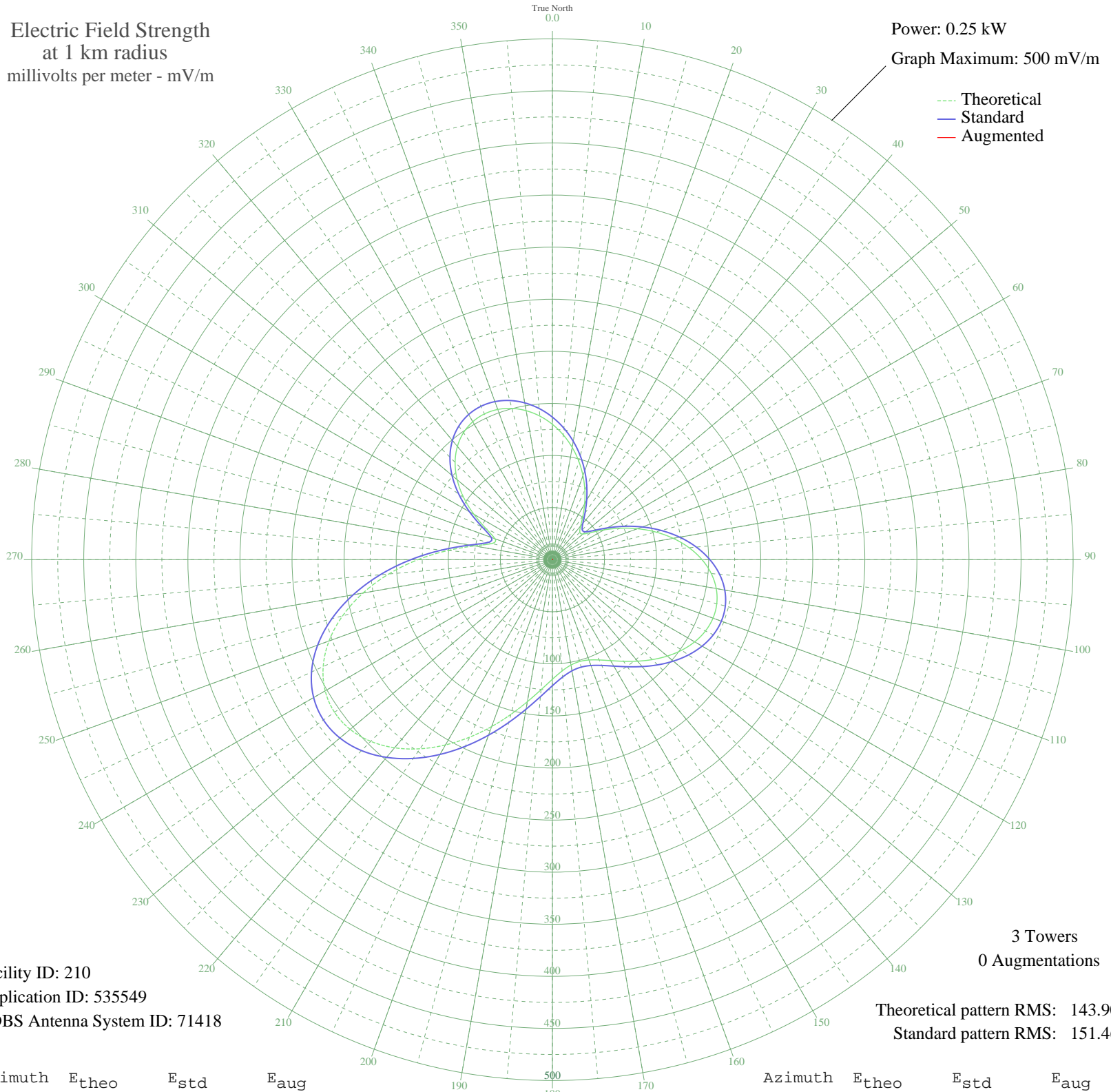


# KYTY SOMERSET, TX BL-20001106ABM 810 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 210  
Application ID: 535549  
CDBS Antenna System ID: 71418

Theoretical pattern RMS: 143.90  
Standard pattern RMS: 151.46

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	129.94	136.84	
5	120.22	126.66	
10	109.43	115.38	
15	97.86	103.29	
20	85.83	90.73	
25	73.69	78.09	
30	61.88	65.81	
35	51.01	54.58	
40	42.16	45.50	
45	37.23	40.48	
50	38.31	41.57	
55	45.57	48.99	
60	57.22	60.99	
65	71.41	75.72	
70	86.87	91.82	
75	102.63	108.27	
80	117.84	124.17	
85	131.74	138.73	
90	143.68	151.23	
95	153.14	161.13	
100	159.76	168.08	
105	163.41	171.90	
110	164.12	172.65	
115	162.12	170.55	
120	157.77	165.99	
125	151.54	159.47	
130	143.99	151.55	
135	135.68	142.85	
140	127.19	133.96	
145	119.09	125.48	
150	111.93	117.99	
155	106.23	112.04	
160	102.51	108.14	
165	101.21	106.79	
170	102.71	108.36	
175	107.23	113.08	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	114.82	121.02	
185	125.33	132.02	
190	138.45	145.75	
195	153.71	161.73	
200	170.47	179.30	
205	187.99	197.67	
210	205.38	215.90	
215	221.64	232.95	
220	235.74	247.75	
225	246.66	259.21	
230	253.47	266.35	
235	255.40	268.38	
240	251.94	264.74	
245	242.85	255.21	
250	228.25	239.90	
255	208.61	219.29	
260	184.71	194.23	
265	157.71	165.92	
270	129.07	135.93	
275	100.82	106.38	
280	76.04	80.53	
285	60.03	63.90	
290	58.71	62.53	
295	70.22	74.47	
300	86.97	91.92	
305	104.07	109.77	
310	119.40	125.80	
315	132.11	139.11	
320	141.93	149.39	
325	148.82	156.61	
330	152.91	160.89	
335	154.38	162.43	
340	153.44	161.45	
345	150.32	158.18	
350	145.21	152.84	
355	138.35	145.65	