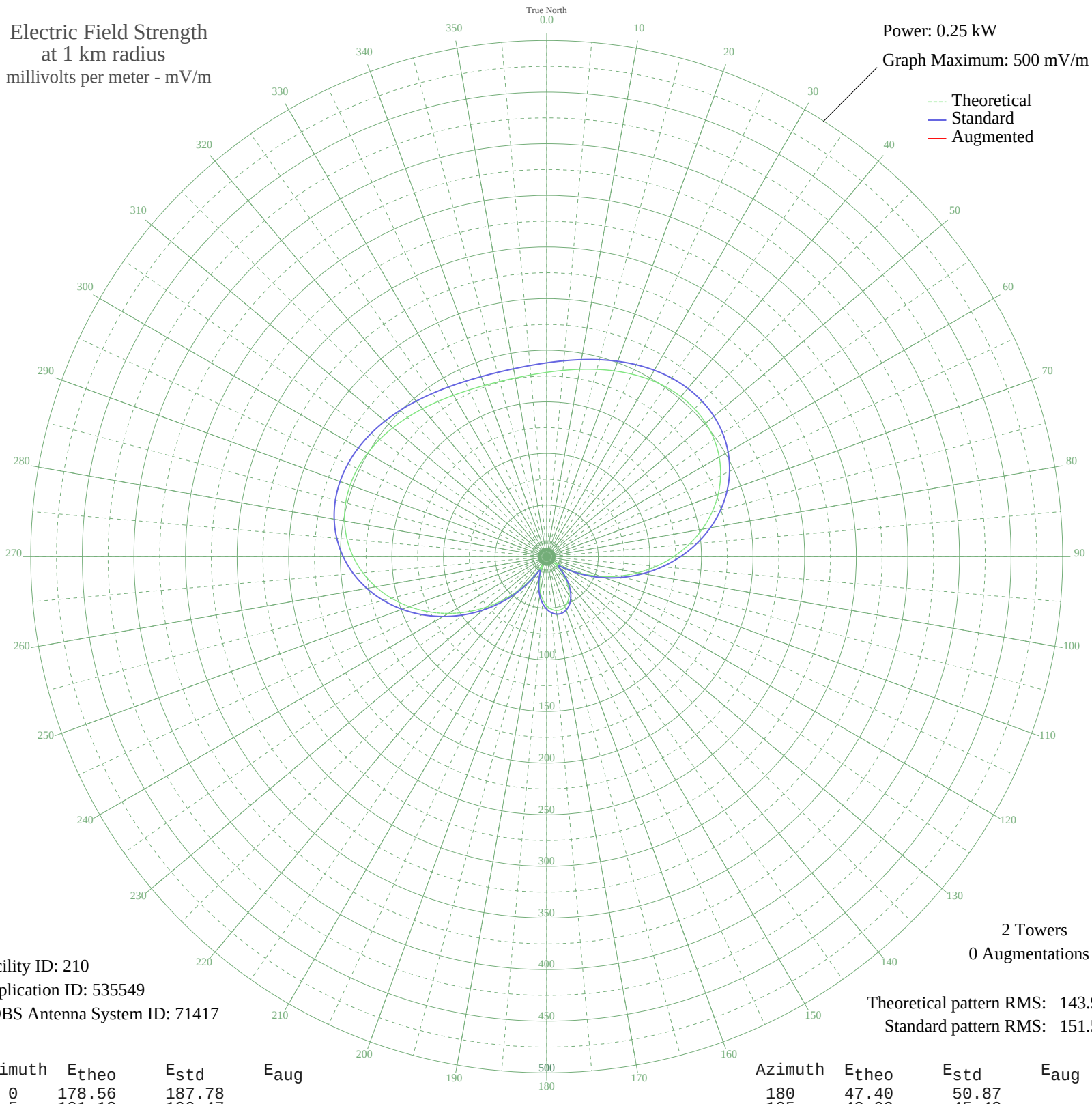
KYTY SOMERSET, TX BL-20001106ABM 810 kHz

Daytime

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



Power: 0.25 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 210
Application ID: 535549
CDBS Antenna System ID: 71417

Theoretical pattern RMS: 143.94
Standard pattern RMS: 151.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	178.56	187.78	
5	181.12	190.47	
10	184.28	193.77	
15	187.82	197.50	
20	191.54	201.39	
25	195.15	205.17	
30	198.36	208.54	
35	200.87	211.18	
40	202.38	212.76	
45	202.59	212.98	
50	201.24	211.56	
55	198.10	208.27	
60	193.04	202.96	
65	185.96	195.54	
70	176.86	186.00	
75	165.82	174.43	
80	153.01	161.01	
85	138.67	145.98	
90	123.09	129.67	
95	106.62	112.45	
100	89.64	94.71	
105	72.54	76.88	
110	55.70	59.42	
115	39.55	42.83	
120	24.63	27.91	
125	12.46	16.77	
130	10.57	15.28	
135	19.17	22.70	
140	28.50	31.71	
145	36.66	39.90	
150	43.29	46.65	
155	48.26	51.75	
160	51.53	55.12	
165	53.09	56.72	
170	52.92	56.54	
175	51.02	54.59	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	47.40	50.87	
185	42.09	45.43	
190	35.14	38.37	
195	26.70	29.94	
200	17.25	20.94	
205	9.64	14.59	
210	14.47	18.47	
215	27.48	30.70	
220	42.70	46.05	
225	59.03	62.86	
230	75.95	80.43	
235	93.06	98.28	
240	109.97	115.94	
245	126.29	133.02	
250	141.65	149.10	
255	155.71	163.83	
260	168.18	176.90	
265	178.84	188.07	
270	187.54	197.19	
275	194.21	204.19	
280	198.88	209.09	
285	201.64	211.99	
290	202.67	213.06	
295	202.18	212.54	
300	200.44	210.73	
305	197.76	207.92	
310	194.45	204.44	
315	190.79	200.61	
320	187.09	196.73	
325	183.61	193.07	
330	180.56	189.88	
335	178.13	187.34	
340	176.47	185.59	
345	175.66	184.74	
350	175.75	184.84	
355	176.74	185.87	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission