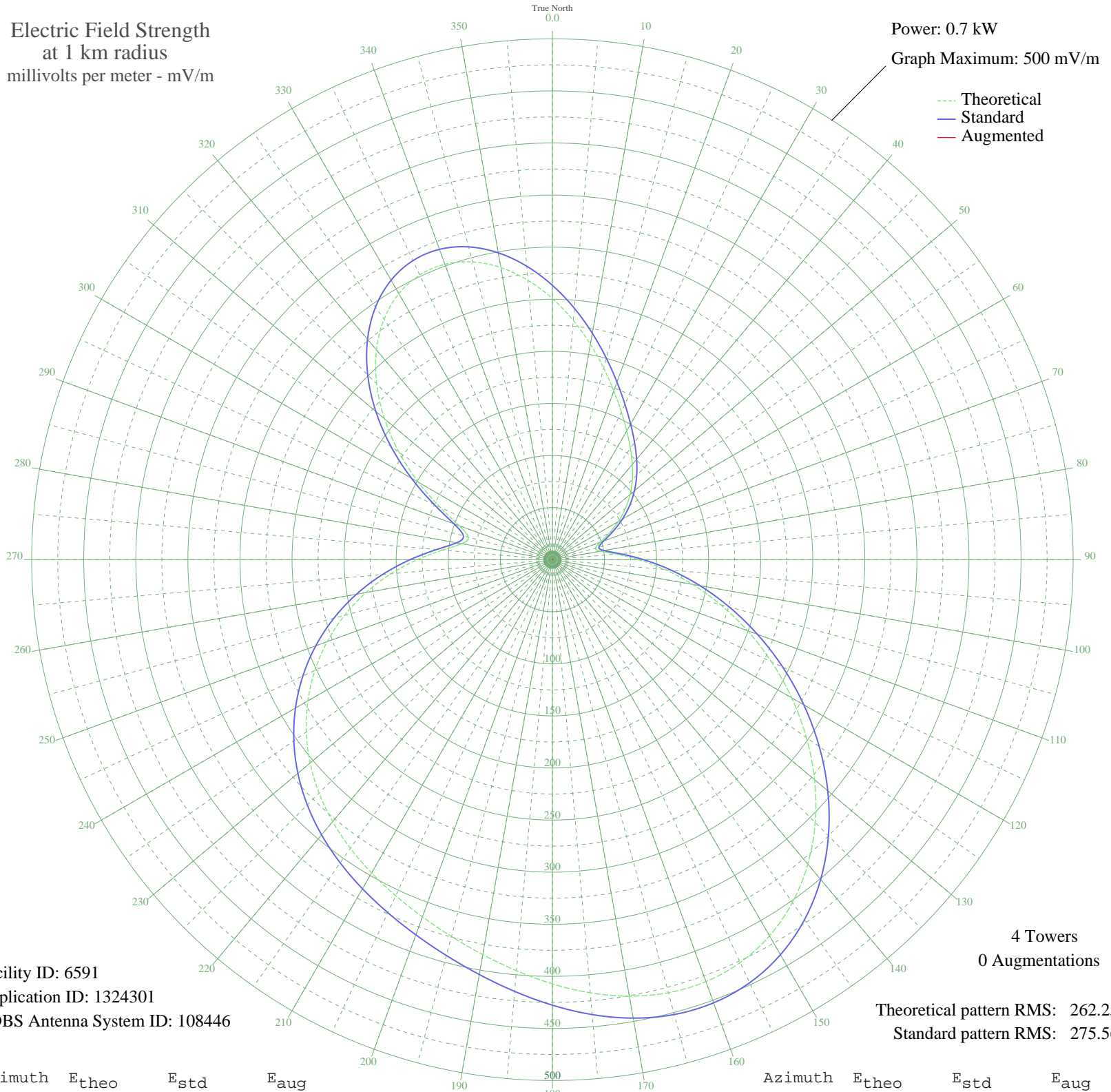


# KSKY BALCH SPRINGS, TX BSTA-20090729AER 660 kHz

Nighttime

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

Power: 0.7 kW  
Graph Maximum: 500 mV/m



Facility ID: 6591  
Application ID: 1324301  
CDBS Antenna System ID: 108446

Theoretical pattern RMS: 262.25  
Standard pattern RMS: 275.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	250.63	263.37	
5	230.46	242.21	
10	209.99	220.74	
15	190.37	200.16	
20	172.42	181.34	
25	156.55	164.72	
30	142.74	150.24	
35	130.56	137.49	
40	119.39	125.80	
45	108.54	114.45	
50	97.40	102.81	
55	85.60	90.49	
60	73.07	77.44	
65	60.32	64.20	
70	48.93	52.44	
75	42.75	46.10	
80	46.83	50.28	
85	61.40	65.32	
90	82.77	87.54	
95	108.32	114.22	
100	136.74	143.96	
105	167.26	175.94	
110	199.29	209.52	
115	232.22	244.05	
120	265.32	278.78	
125	297.76	312.83	
130	328.61	345.20	
135	356.85	374.84	
140	381.53	400.75	
145	401.78	422.00	
150	416.95	437.92	
155	426.70	448.16	
160	431.05	452.73	
165	430.40	452.04	
170	425.51	446.90	
175	417.38	438.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	407.20	427.69	
185	396.09	416.03	
190	385.00	404.38	
195	374.53	393.40	
200	364.90	383.29	
205	355.96	373.90	
210	347.25	364.77	
215	338.21	355.28	
220	328.25	344.82	
225	316.86	332.87	
230	303.67	319.03	
235	288.45	303.06	
240	271.10	284.85	
245	251.61	264.40	
250	230.07	241.80	
255	206.66	217.24	
260	181.67	191.04	
265	155.66	163.78	
270	129.66	136.55	
275	105.79	111.57	
280	88.28	93.28	
285	83.65	88.45	
290	95.27	100.58	
295	118.88	125.26	
300	148.42	156.20	
305	179.83	189.11	
310	210.52	221.30	
315	238.66	250.81	
320	262.80	276.14	
325	281.81	296.09	
330	294.87	309.79	
335	301.54	316.79	
340	301.76	317.02	
345	295.89	310.86	
350	284.67	299.09	
355	269.16	282.81	

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