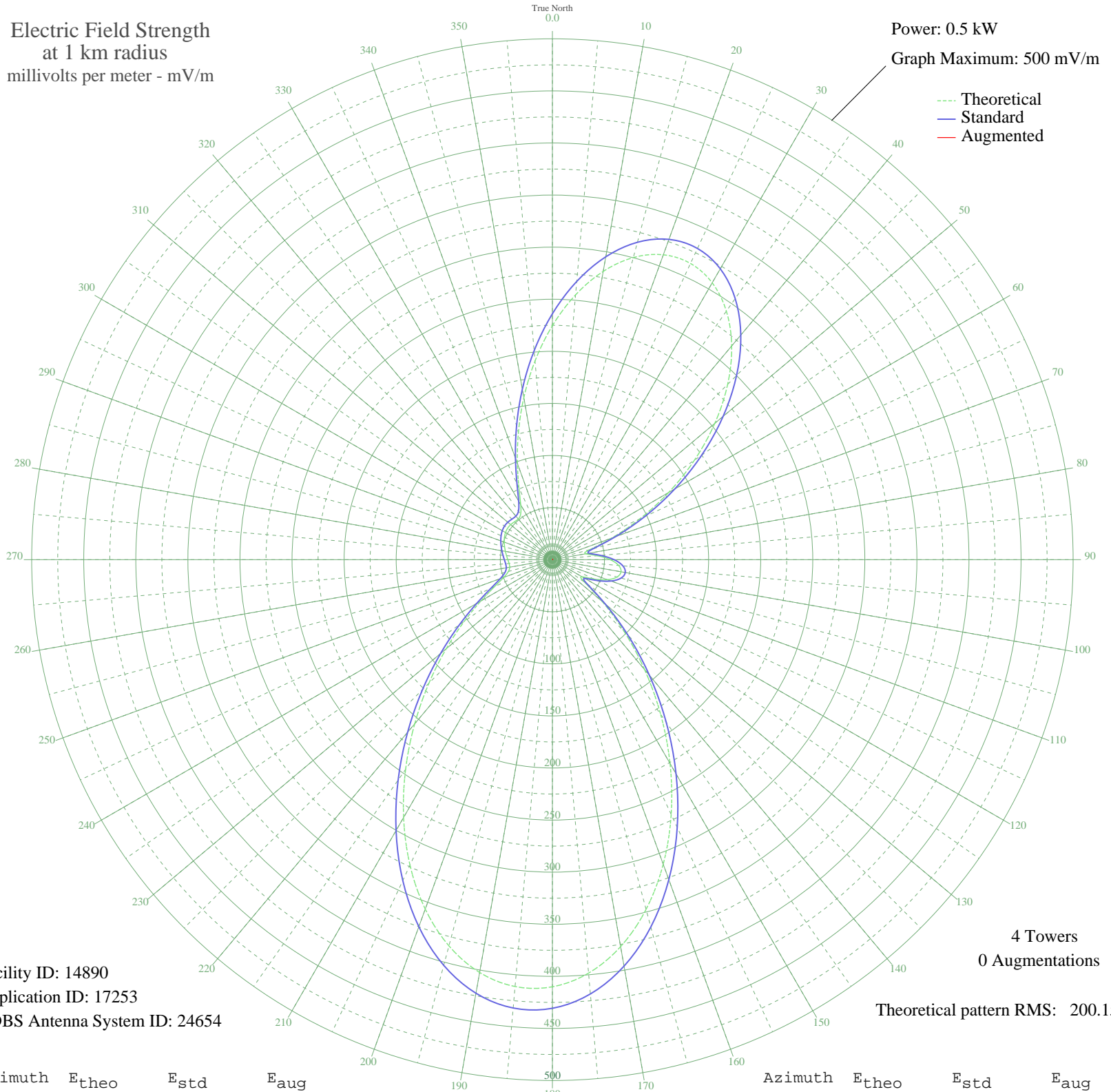


KTKK SANDY, UT BL-19800129AB 630 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 14890
Application ID: 17253
CDBS Antenna System ID: 24654

4 Towers
0 Augmentations

Theoretical pattern RMS: 200.15

Azimuth	E _{theo}	E _{std}	E _{aug}
0	224.60	236.06	
5	255.16	268.12	
10	280.99	295.23	
15	300.24	315.43	
20	311.46	327.20	
25	313.76	329.62	
30	306.90	322.42	
35	291.26	306.01	
40	267.81	281.40	
45	237.99	250.11	
50	203.57	214.00	
55	166.49	175.13	
60	128.80	135.65	
65	92.60	97.79	
70	60.44	64.33	
75	37.16	40.41	
80	32.44	35.64	
85	43.23	46.59	
90	55.50	59.21	
95	63.88	67.89	
100	66.92	71.05	
105	64.27	68.29	
110	56.16	59.89	
115	43.91	47.29	
120	32.78	35.99	
125	37.59	40.85	
130	62.38	66.34	
135	97.30	102.70	
140	137.67	144.93	
145	181.18	190.53	
150	225.92	237.45	
155	269.92	283.61	
160	311.15	326.88	
165	347.56	365.09	
170	377.20	396.20	
175	398.43	418.49	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	410.03	430.66	
185	411.35	432.04	
190	402.39	422.64	
195	383.83	403.16	
200	356.96	374.96	
205	323.57	339.91	
210	285.75	300.23	
215	245.75	258.25	
220	205.73	216.27	
225	167.64	176.34	
230	133.09	140.14	
235	103.33	109.00	
240	79.23	83.85	
245	61.34	65.26	
250	49.74	53.27	
255	43.71	47.08	
260	41.64	44.96	
265	41.74	45.07	
270	42.79	46.14	
275	44.22	47.60	
280	45.81	49.24	
285	47.51	50.98	
290	49.23	52.74	
295	50.80	54.36	
300	51.99	55.59	
305	52.53	56.15	
310	52.28	55.88	
315	51.43	55.01	
320	50.99	54.56	
325	53.17	56.81	
330	60.89	64.79	
335	76.00	80.49	
340	98.25	103.69	
345	126.17	132.90	
350	157.92	166.15	
355	191.45	201.29	

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