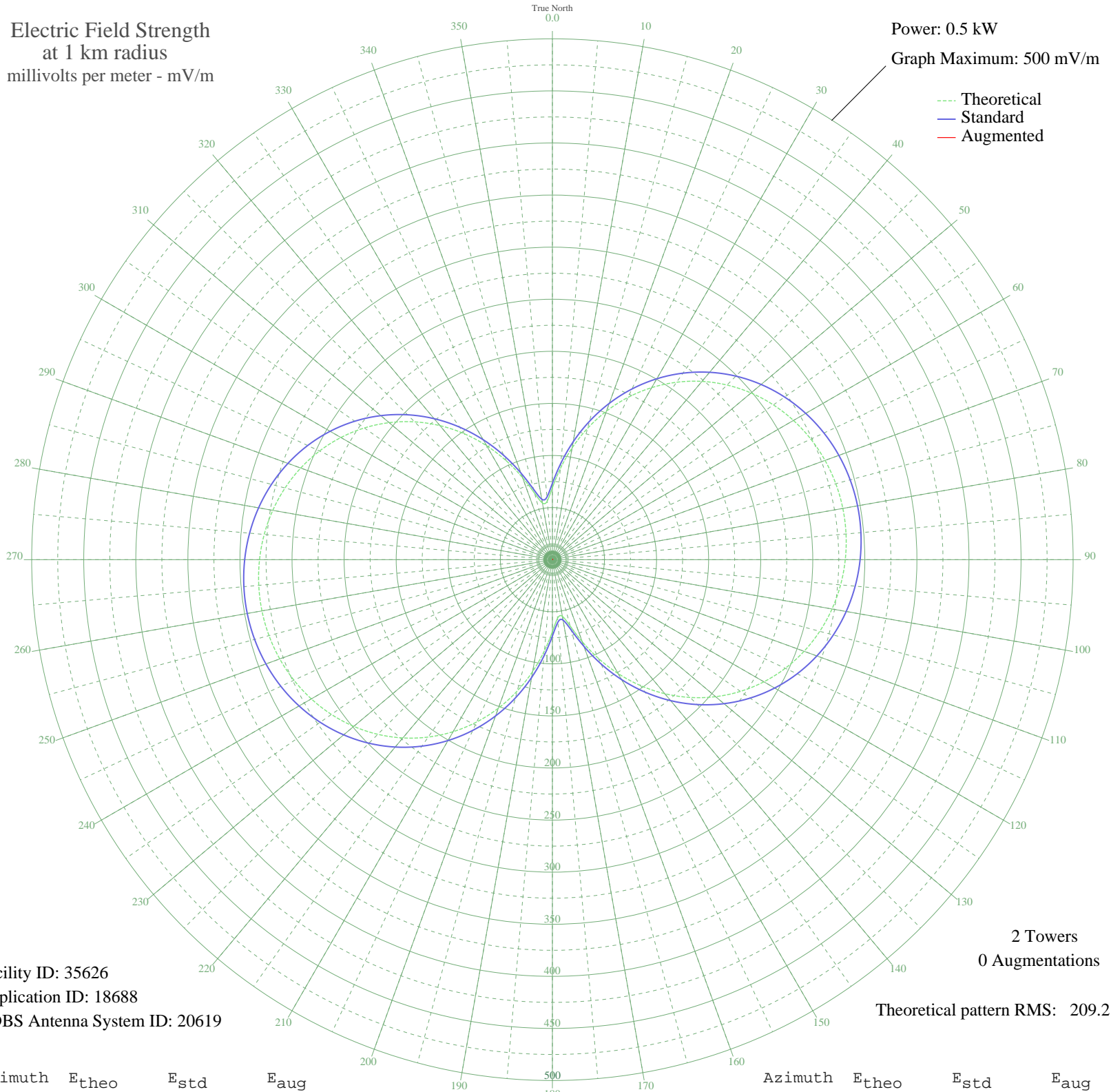


# KSOP SOUTH SALT LAKE, UT BL-19800326AA 1370 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 35626  
Application ID: 18688  
CDBS Antenna System ID: 20619

2 Towers  
0 Augmentations

Theoretical pattern RMS: 209.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	69.08	73.29	
5	87.80	92.79	
10	108.93	114.86	
15	130.56	137.49	
20	151.74	159.68	
25	171.90	180.80	
30	190.70	200.51	
35	207.91	218.56	
40	223.40	234.81	
45	237.10	249.18	
50	248.98	261.64	
55	259.03	272.19	
60	267.30	280.86	
65	273.81	287.69	
70	278.61	292.72	
75	281.73	296.00	
80	283.20	297.54	
85	283.04	297.37	
90	281.24	295.48	
95	277.78	291.86	
100	272.64	286.47	
105	265.79	279.27	
110	257.17	270.23	
115	246.75	259.30	
120	234.51	246.46	
125	220.45	231.71	
130	204.60	215.09	
135	187.06	196.70	
140	167.97	176.68	
145	147.57	155.31	
150	126.25	132.98	
155	104.62	110.35	
160	83.78	88.59	
165	65.91	70.00	
170	55.20	58.90	
175	56.50	60.25	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	69.08	73.29	
185	87.80	92.79	
190	108.93	114.86	
195	130.57	137.49	
200	151.74	159.68	
205	171.90	180.80	
210	190.70	200.51	
215	207.91	218.56	
220	223.40	234.81	
225	237.10	249.18	
230	248.98	261.64	
235	259.03	272.19	
240	267.30	280.86	
245	273.81	287.69	
250	278.61	292.72	
255	281.73	296.00	
260	283.20	297.54	
265	283.04	297.37	
270	281.24	295.48	
275	277.78	291.86	
280	272.64	286.47	
285	265.79	279.27	
290	257.17	270.23	
295	246.75	259.30	
300	234.51	246.46	
305	220.45	231.71	
310	204.60	215.09	
315	187.06	196.70	
320	167.97	176.68	
325	147.57	155.31	
330	126.25	132.98	
335	104.62	110.35	
340	83.78	88.59	
345	65.91	70.00	
350	55.20	58.90	
355	56.50	60.25	