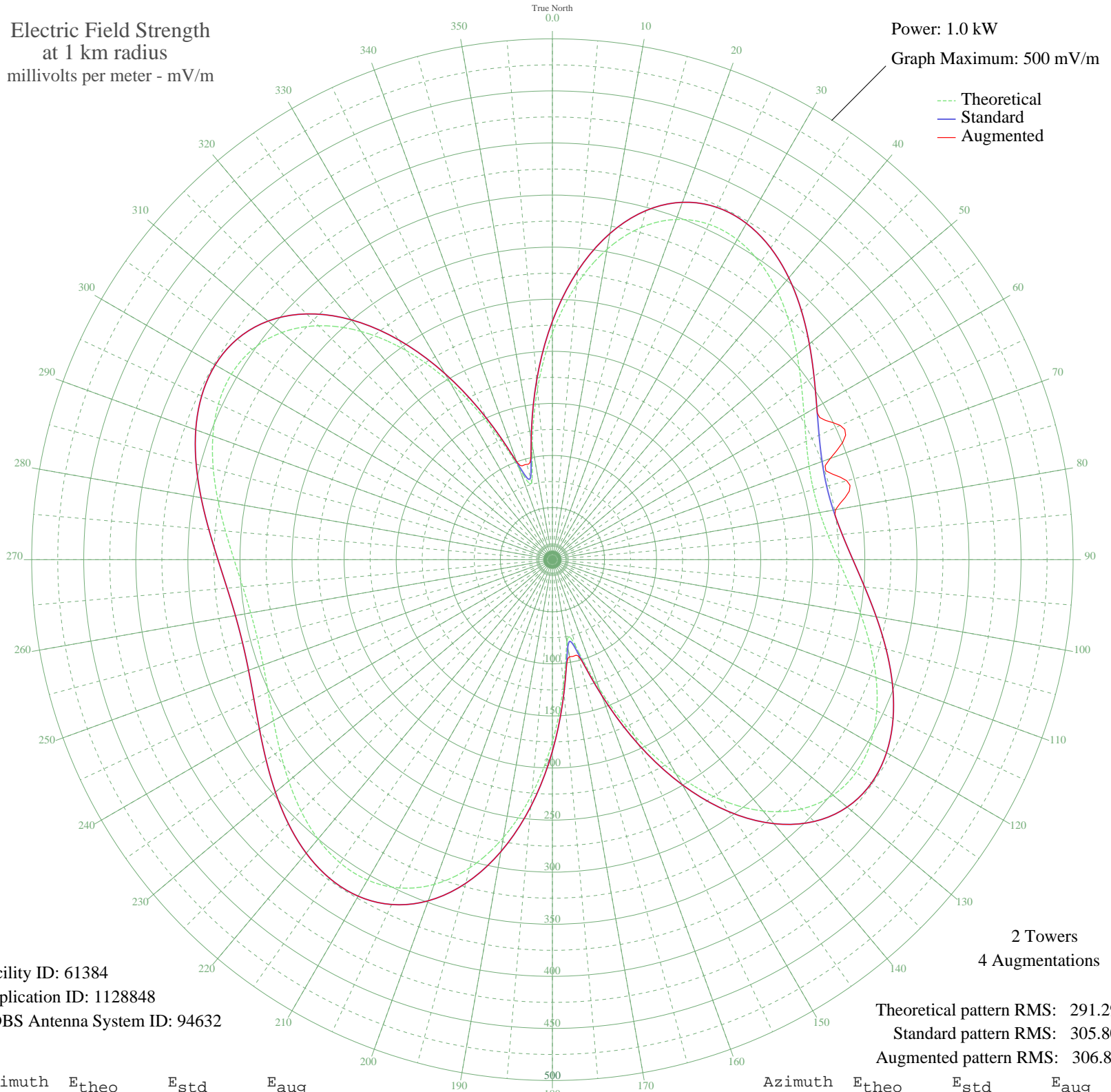


# KSUB CEDAR CITY, UT 8L-20060501AOZ 590 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 61384  
Application ID: 1128848  
CDBS Antenna System ID: 94632

Theoretical pattern RMS: 291.29  
Standard pattern RMS: 305.80  
Augmented pattern RMS: 306.82

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	217.76	228.89	228.89
5	264.71	278.15	278.15
10	302.59	317.90	317.90
15	330.24	346.91	346.91
20	347.56	365.09	365.09
25	355.31	373.22	373.22
30	354.82	372.71	372.71
35	347.81	365.35	365.35
40	336.20	353.16	353.16
45	321.87	338.12	338.12
50	306.58	322.08	322.08
55	291.88	306.66	306.66
60	279.01	293.15	293.15
65	268.92	282.56	304.94
70	262.27	275.58	283.88
75	259.46	272.64	292.64
80	260.67	273.90	276.07
85	265.81	279.30	279.30
90	274.59	288.52	288.52
95	286.45	300.96	300.96
100	300.56	315.76	315.76
105	315.78	331.73	331.73
110	330.69	347.38	347.38
115	343.61	360.94	360.94
120	352.69	370.48	370.48
125	356.01	373.96	373.96
130	351.74	369.48	369.48
135	338.38	355.45	355.45
140	314.90	330.82	330.82
145	281.05	295.29	295.29
150	237.50	249.60	249.60
155	186.28	195.88	195.88
160	131.80	138.79	138.79
165	85.93	90.84	95.69
170	80.44	85.11	94.64
175	121.31	127.81	127.81

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	174.83	183.87	183.87
185	226.32	237.87	237.87
190	270.81	284.55	284.55
195	306.18	321.66	321.66
200	331.73	348.47	348.47
205	347.71	365.25	365.25
210	355.10	373.00	373.00
215	355.34	373.25	373.25
220	350.13	367.79	367.79
225	341.29	358.51	358.51
230	330.53	347.22	347.22
235	319.42	335.55	335.55
240	309.24	324.87	324.87
245	301.04	316.26	316.26
250	295.54	310.49	310.49
255	293.20	308.04	308.04
260	294.21	309.10	309.10
265	298.48	313.58	313.58
270	305.68	321.13	321.13
275	315.17	331.09	331.09
280	326.05	342.51	342.51
285	337.12	354.14	354.14
290	346.93	364.43	364.43
295	353.81	371.65	371.65
300	355.96	373.91	373.91
305	351.63	369.36	369.36
310	339.23	356.35	356.35
315	317.58	333.63	333.63
320	286.12	300.61	300.61
325	245.12	257.59	257.59
330	196.04	206.11	206.11
335	142.40	149.89	149.89
340	93.40	98.63	99.89
345	76.72	81.24	94.70
350	111.20	117.23	117.23
355	164.49	173.04	173.04