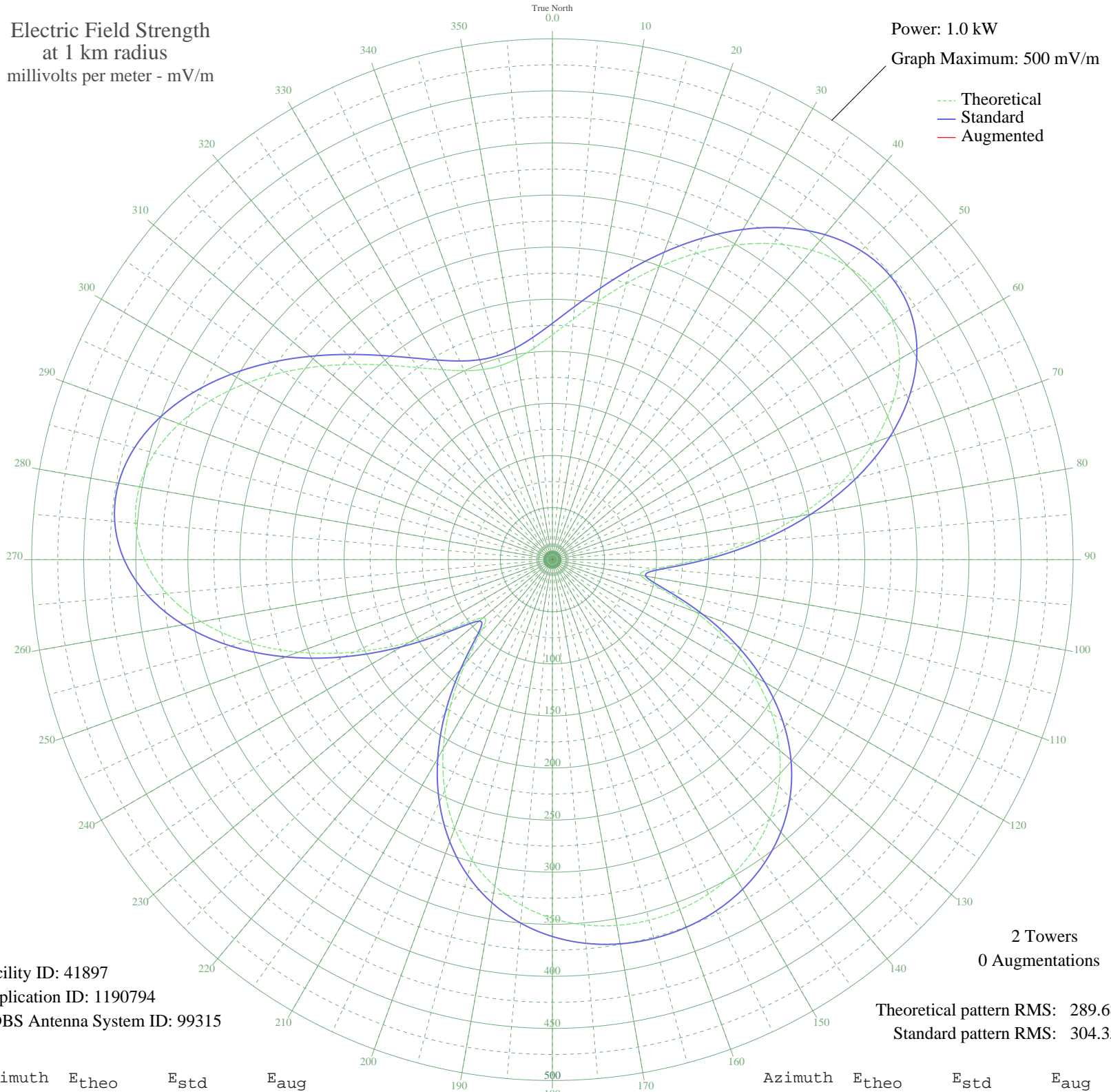


KSVC RICHFIELD, UT BL-20070531BIV 980 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 41897
Application ID: 1190794
CDBS Antenna System ID: 99315

2 Towers
0 Augmentations

Theoretical pattern RMS: 289.68
Standard pattern RMS: 304.35

Azimuth	E _{theo}	E _{std}	E _{aug}
0	215.86	226.89	
5	232.03	243.86	
10	251.81	264.61	
15	274.48	288.39	
20	299.02	314.14	
25	324.17	340.54	
30	348.45	366.03	
35	370.21	388.86	
40	387.70	407.22	
45	399.25	419.35	
50	403.35	423.64	
55	398.77	418.84	
60	384.78	404.15	
65	361.16	379.36	
70	328.34	344.91	
75	287.41	301.96	
80	240.21	252.44	
85	189.45	199.20	
90	139.49	146.85	
95	99.13	104.61	
100	86.06	90.97	
105	107.99	113.88	
110	146.08	153.74	
115	186.46	196.07	
120	224.04	235.47	
125	256.97	270.02	
130	284.67	299.09	
135	307.18	322.71	
140	324.86	341.27	
145	338.23	355.29	
150	347.82	365.36	
155	354.13	371.99	
160	357.56	375.59	
165	358.34	376.40	
170	356.52	374.49	
175	351.97	369.72	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	344.40	361.77	
185	333.36	350.19	
190	318.34	334.42	
195	298.78	313.90	
200	274.22	288.12	
205	244.41	256.84	
210	209.50	220.23	
215	170.47	179.30	
220	130.08	136.98	
225	96.05	101.40	
230	86.74	91.68	
235	113.20	119.32	
240	158.98	167.25	
245	209.95	220.70	
250	259.69	272.88	
255	304.65	320.06	
260	342.51	359.79	
265	371.75	390.48	
270	391.53	411.24	
275	401.70	421.92	
280	402.69	422.96	
285	395.45	415.36	
290	381.33	400.53	
295	361.92	380.16	
300	338.95	356.05	
305	314.13	330.00	
310	289.05	303.69	
315	265.12	278.58	
320	243.51	255.90	
325	225.09	236.58	
330	210.52	221.29	
335	200.17	210.44	
340	194.27	204.25	
345	192.91	202.82	
350	196.09	206.16	
355	203.79	214.23	

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