

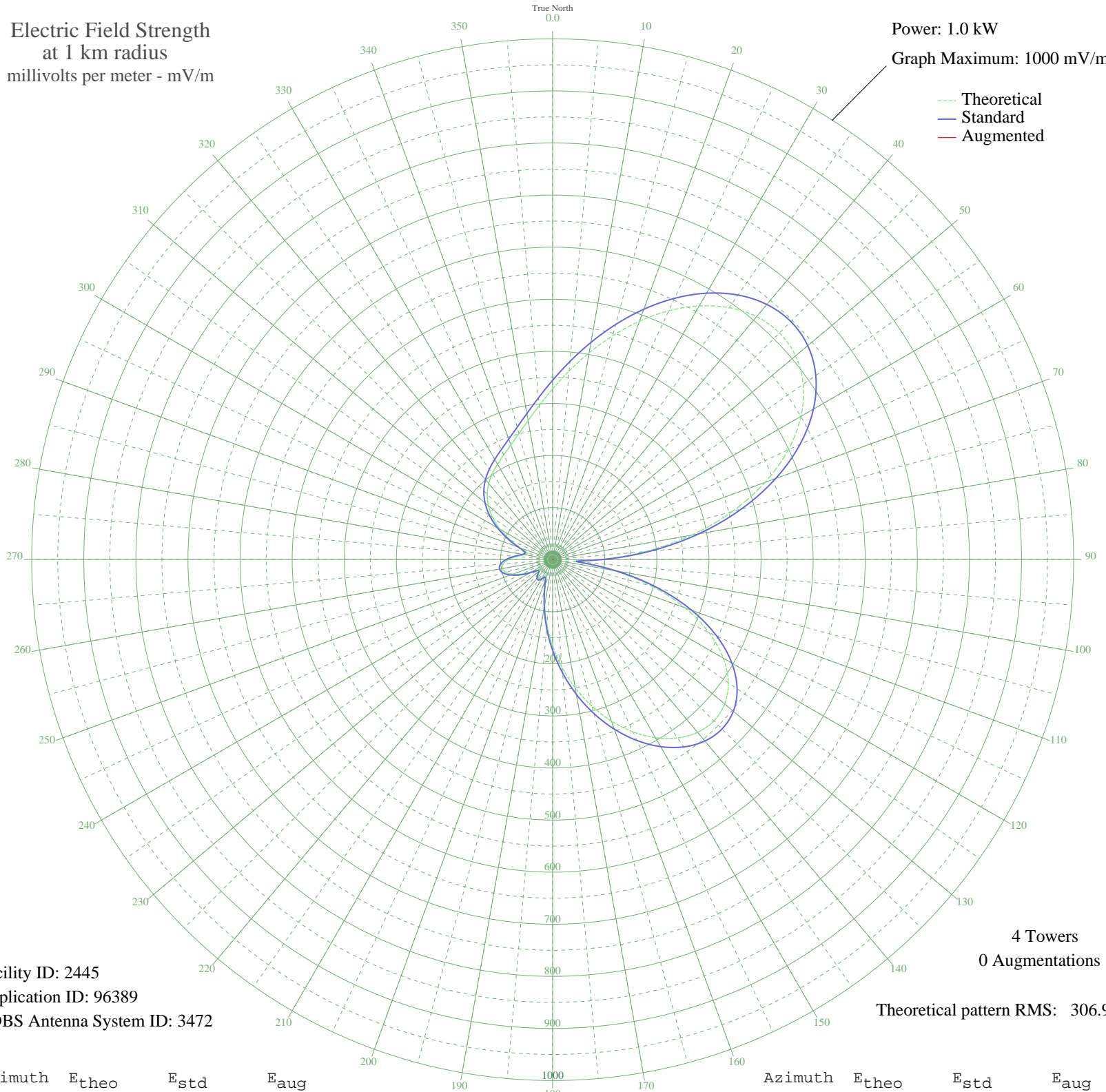
KWZD SALT LAKE CITY, UT BL-19861229AK 910 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 2445
Application ID: 96389
CDBS Antenna System ID: 3472

4 Towers
0 Augmentations

Theoretical pattern RMS: 306.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	327.90	344.45	
5	363.70	382.03	
10	403.27	423.57	
15	445.09	467.47	
20	487.17	511.63	
25	527.15	553.61	
30	562.50	590.72	
35	590.63	620.25	
40	609.08	639.62	
45	615.68	646.55	
50	608.74	639.26	
55	587.13	616.58	
60	550.43	578.04	
65	498.95	524.00	
70	433.79	455.60	
75	356.83	374.82	
80	270.74	284.47	
85	179.12	188.37	
90	88.40	93.42	
95	45.65	49.07	
100	117.16	123.47	
105	197.84	207.99	
110	270.27	283.97	
115	330.94	347.65	
120	378.23	397.28	
125	411.53	432.24	
130	431.08	452.75	
135	437.73	459.73	
140	432.80	454.56	
145	417.87	438.89	
150	394.63	414.50	
155	364.74	383.12	
160	329.72	346.37	
165	291.01	305.74	
170	249.89	262.60	
175	207.64	218.27	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	165.55	174.14	
185	125.06	131.73	
190	87.97	92.96	
195	56.91	60.67	
200	36.91	40.16	
205	33.75	36.96	
210	39.95	43.24	
215	44.40	47.79	
220	43.46	46.83	
225	37.66	40.92	
230	31.34	34.54	
235	33.48	36.69	
240	46.96	50.41	
245	64.81	68.86	
250	81.36	86.07	
255	93.16	98.38	
260	98.11	103.55	
265	95.29	100.60	
270	85.08	89.95	
275	69.70	73.93	
280	54.68	58.37	
285	51.16	54.73	
290	65.72	69.80	
295	90.06	95.15	
300	116.18	122.44	
305	140.32	147.71	
310	160.92	169.29	
315	177.59	186.77	
320	190.82	200.63	
325	201.64	211.98	
330	211.47	222.29	
335	221.89	233.22	
340	234.46	246.40	
345	250.53	263.26	
350	271.14	284.89	
355	296.90	311.92	

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