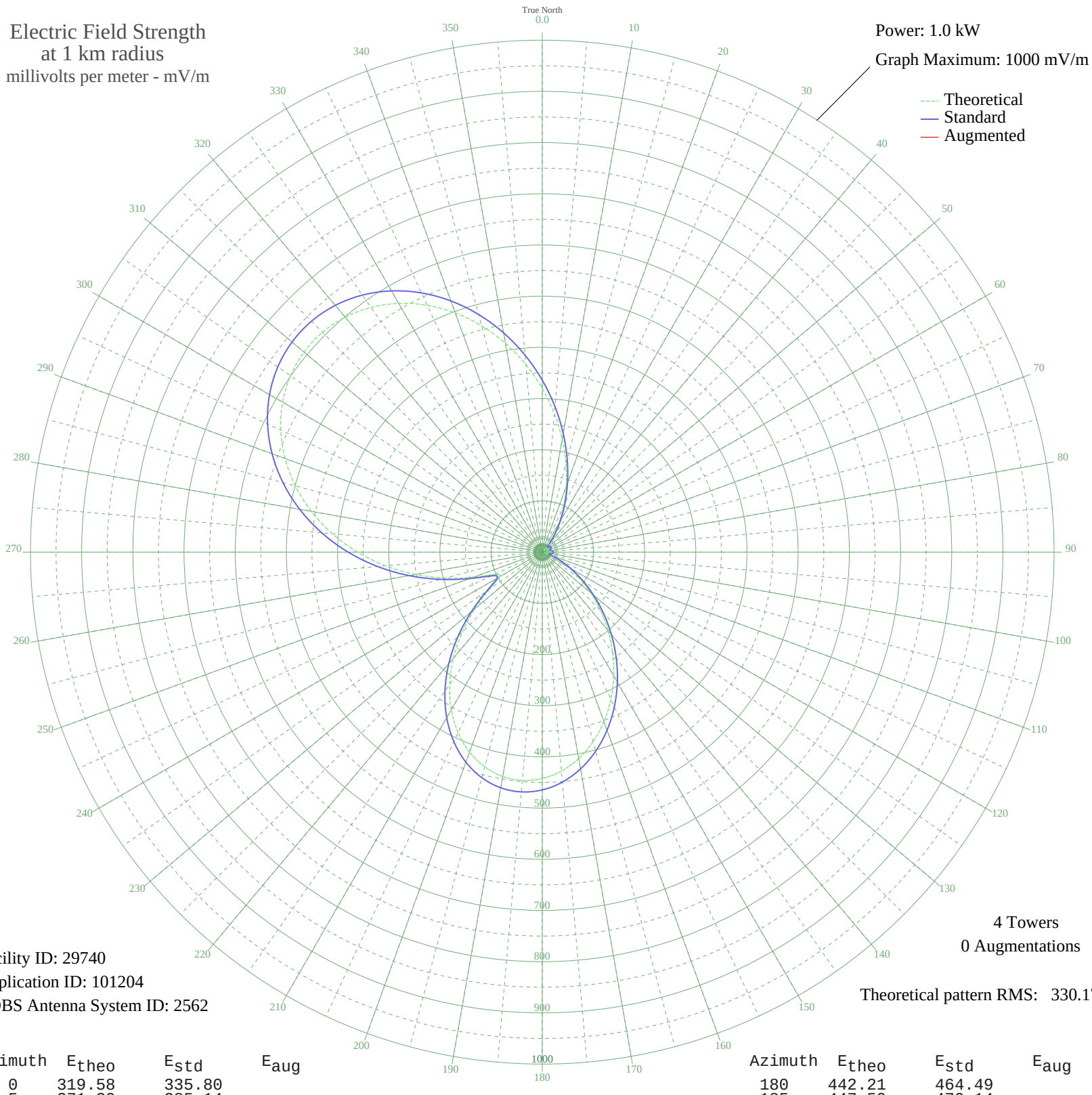
KKZN THORNTON, CO BL-19870515AB 760 kHz

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

4 Towers
0 Augmentations

Facility ID: 29740
Application ID: 101204
CDBS Antenna System ID: 2562

Theoretical pattern RMS: 330.17

Azimuth	E_{theo}	E_{std}	E_{aug}
0	319.58	335.80	
5	271.30	285.14	
10	223.93	235.46	
15	178.67	188.02	
20	136.63	144.01	
25	98.80	104.50	
30	65.97	70.39	
35	38.71	42.53	
40	17.44	22.18	
45	4.10	13.24	
50	9.59	16.07	
55	14.41	19.64	
60	15.34	20.40	
65	13.46	18.88	
70	10.69	16.81	
75	10.05	16.37	
80	12.73	18.31	
85	16.11	21.05	
90	17.86	22.55	
95	16.56	21.43	
100	11.38	17.31	
105	3.93	13.18	
110	15.08	20.19	
115	35.12	38.94	
120	60.34	64.58	
125	90.18	95.51	
130	123.95	130.75	
135	160.81	169.31	
140	199.72	210.08	
145	239.56	251.85	
150	279.10	293.33	
155	317.08	333.17	
160	352.25	370.07	
165	383.39	402.75	
170	409.39	430.04	
175	429.27	450.91	

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 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	442.21	464.49	
185	447.59	470.14	
190	445.01	467.43	
195	434.30	456.18	
200	415.54	436.49	
205	389.05	408.70	
210	355.41	373.39	
215	315.44	331.45	
220	270.24	284.03	
225	221.38	232.79	
230	171.37	180.38	
235	125.38	132.24	
240	96.29	101.88	
245	103.77	109.67	
250	143.06	150.73	
255	195.31	205.45	
260	251.27	264.13	
265	307.18	322.79	
270	361.11	379.37	
275	411.76	432.53	
280	458.14	481.21	
285	499.40	524.52	
290	534.84	561.73	
295	563.85	592.17	
300	585.91	615.33	
305	600.65	630.80	
310	607.81	638.32	
315	607.29	637.77	
320	599.14	629.22	
325	583.59	612.89	
330	561.01	589.19	
335	531.96	558.70	
340	497.16	522.17	
345	457.47	480.50	
350	413.89	434.76	
355	367.53	386.11	