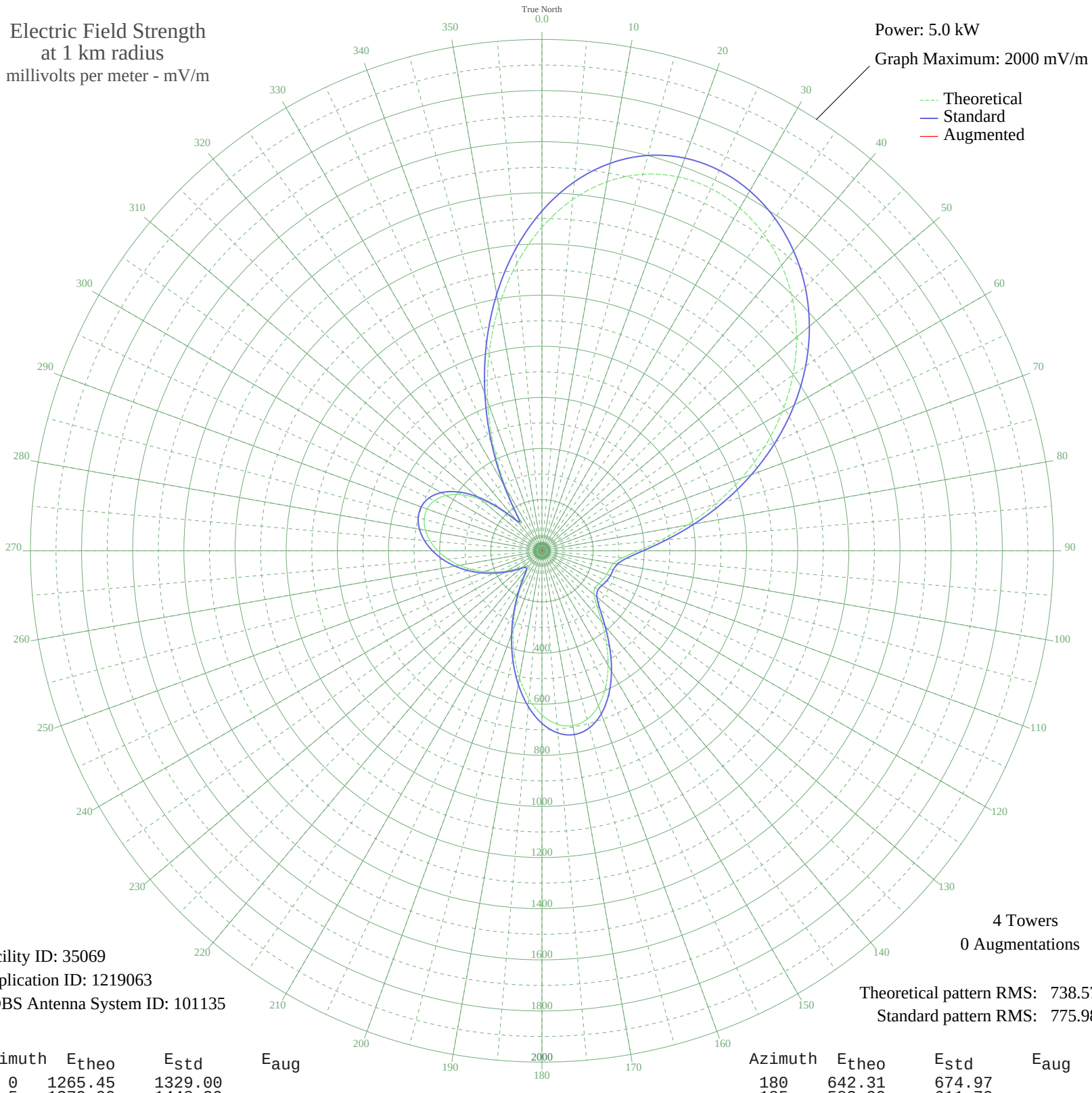
KLO OGDEN, UT BMP-20071121ACX 1430 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 35069
Application ID: 1219063
CDBS Antenna System ID: 101135

Theoretical pattern RMS: 738.57
Standard pattern RMS: 775.98

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1265.45	1329.00	
5	1379.00	1448.20	
10	1465.57	1539.09	
15	1524.41	1600.87	
20	1556.35	1634.40	
25	1563.32	1641.71	
30	1547.74	1625.35	
35	1511.94	1587.77	
40	1457.82	1530.95	
45	1386.76	1456.36	
50	1299.87	1365.13	
55	1198.39	1258.60	
60	1084.18	1138.72	
65	960.09	1008.46	
70	830.15	872.08	
75	699.67	735.16	
80	575.22	604.59	
85	464.46	488.44	
90	375.67	395.39	
95	315.60	332.49	
100	284.60	300.06	
105	273.66	288.63	
110	269.86	284.65	
115	264.54	279.09	
120	256.73	270.93	
125	253.23	267.28	
130	265.92	280.53	
135	303.53	319.87	
140	364.41	383.59	
145	439.25	462.01	
150	517.25	543.79	
155	588.74	618.78	
160	645.78	678.61	
165	682.34	716.97	
170	694.55	729.78	
175	680.90	715.46	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	642.31	674.97	
185	582.00	611.70	
190	505.16	531.12	
195	418.36	440.12	
200	328.86	346.37	
205	243.94	257.58	
210	170.47	181.05	
215	115.22	123.99	
220	85.47	93.76	
225	83.50	91.79	
230	99.50	107.95	
235	124.84	133.87	
240	157.30	167.39	
245	195.88	207.46	
250	238.73	252.14	
255	283.45	298.86	
260	327.69	345.14	
265	369.42	388.84	
270	406.92	428.12	
275	438.51	461.23	
280	462.33	486.21	
285	476.21	500.75	
290	477.60	502.21	
295	463.82	487.77	
300	432.35	454.78	
305	381.33	401.32	
310	310.51	327.16	
315	223.96	236.72	
320	144.54	154.18	
325	159.23	169.39	
330	283.03	298.42	
335	445.07	468.11	
340	620.59	652.19	
345	798.37	838.73	
350	969.83	1018.68	
355	1127.56	1184.25	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission