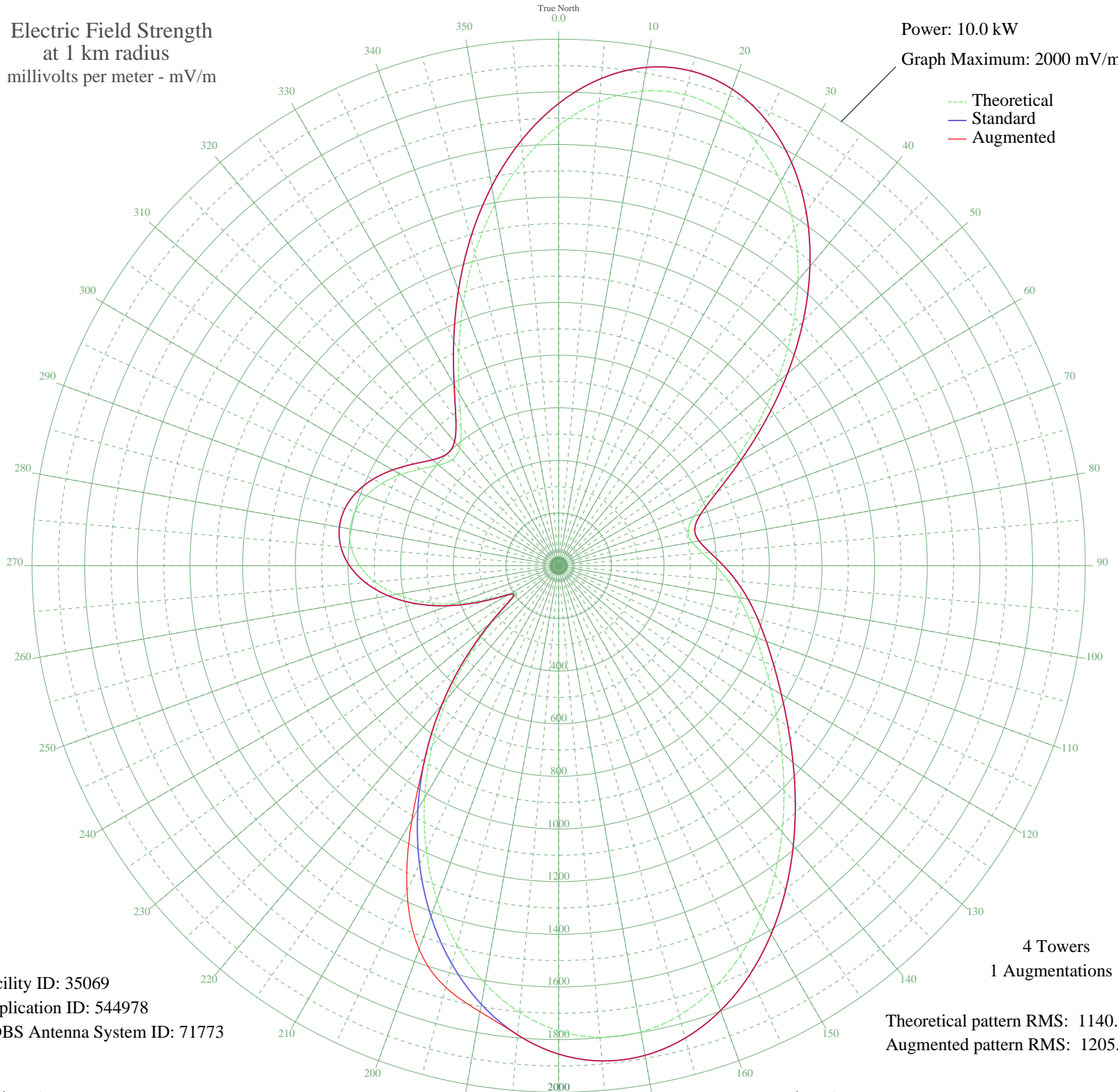


# KLO OGDEN, UT BL-20001221ABT 1430 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 35069  
Application ID: 544978  
CDBS Antenna System ID: 71773

4 Towers  
1 Augmentations

Theoretical pattern RMS: 1140.72  
Augmented pattern RMS: 1205.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1672.08	1756.00	1756.00
5	1769.27	1858.03	1858.03
10	1830.59	1922.41	1922.41
15	1852.73	1945.65	1945.65
20	1834.64	1926.66	1926.66
25	1777.51	1866.68	1866.68
30	1684.64	1769.18	1769.18
35	1561.14	1639.54	1639.54
40	1413.69	1484.74	1484.74
45	1250.18	1313.11	1313.11
50	1079.58	1134.04	1134.04
55	911.91	958.08	958.08
60	758.50	797.12	797.12
65	632.21	664.65	664.65
70	546.24	574.52	574.52
75	508.62	535.08	535.08
80	514.64	541.39	541.39
85	548.81	577.21	577.21
90	595.57	626.23	626.23
95	645.49	678.58	678.58
100	695.15	730.67	730.67
105	745.24	783.20	783.20
110	798.64	839.23	839.23
115	859.03	902.59	902.59
120	929.56	976.61	976.61
125	1012.00	1063.12	1063.12
130	1106.21	1162.00	1162.00
135	1210.17	1271.11	1271.11
140	1320.18	1386.59	1386.59
145	1431.30	1503.24	1503.24
150	1537.77	1615.00	1615.00
155	1633.43	1715.42	1715.42
160	1712.26	1798.17	1798.17
165	1768.76	1857.49	1857.49
170	1798.45	1888.67	1888.67
175	1798.21	1888.41	1888.41

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1766.49	1855.12	1855.12
185	1703.44	1788.92	1788.92
190	1610.76	1691.62	1720.39
195	1491.52	1566.45	1657.78
200	1349.82	1417.70	1550.00
205	1190.38	1250.34	1363.02
210	1018.30	1069.73	1114.67
215	838.84	881.41	881.41
220	657.52	691.20	691.20
225	480.97	506.11	506.11
230	320.35	338.00	338.00
235	206.54	219.39	219.39
240	208.09	221.00	221.00
245	304.80	321.76	321.76
250	421.21	443.52	443.52
255	530.72	558.24	558.24
260	625.01	657.10	657.10
265	700.58	736.36	736.36
270	755.86	794.35	794.35
275	790.40	830.58	830.58
280	804.57	845.45	845.45
285	799.51	840.14	840.14
290	777.07	816.59	816.59
295	739.99	777.70	777.70
300	692.38	727.76	727.76
305	640.68	673.53	673.53
310	595.15	625.79	625.79
315	570.86	600.32	600.32
320	584.85	614.99	614.99
325	647.35	680.52	680.52
330	755.48	793.95	793.95
335	897.43	942.89	942.89
340	1059.40	1112.87	1112.87
345	1228.62	1290.48	1290.48
350	1393.69	1463.75	1463.75
355	1544.46	1622.02	1622.02

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission