

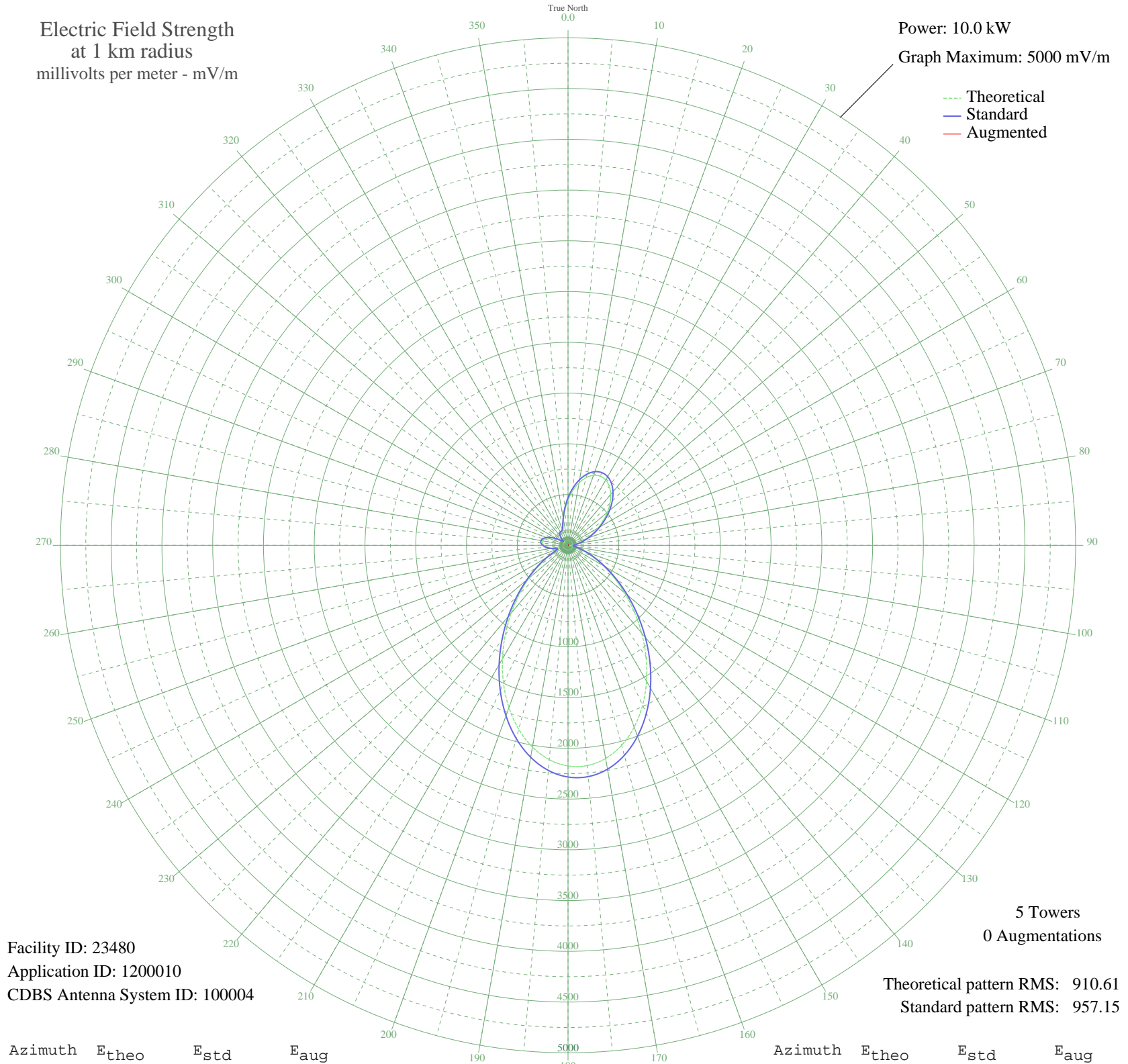
KALL NORTH SALT LAKE CITY, UT BL-20070724AEL 700 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 23480  
Application ID: 1200010  
CDBS Antenna System ID: 100004

Theoretical pattern RMS: 910.61  
Standard pattern RMS: 957.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	444.63	468.93	
5	540.18	568.88	
10	624.61	657.31	
15	690.88	726.76	
20	733.98	771.93	
25	751.18	789.96	
30	742.15	780.49	
35	708.76	745.49	
40	654.75	688.89	
45	585.20	616.03	
50	505.88	532.98	
55	422.59	445.88	
60	340.60	360.31	
65	264.18	280.84	
70	196.39	210.84	
75	139.06	152.47	
80	92.79	106.86	
85	56.82	74.07	
90	28.96	53.41	
95	16.90	47.35	
100	46.89	65.97	
105	99.36	113.19	
110	174.03	187.93	
115	273.69	290.71	
120	399.68	421.96	
125	551.51	580.75	
130	726.72	764.32	
135	920.89	967.93	
140	1127.70	1184.89	
145	1339.14	1406.79	
150	1545.99	1623.88	
155	1738.28	1825.73	
160	1906.07	2001.85	
165	2040.11	2142.57	
170	2132.69	2239.75	
175	2178.23	2287.56	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	2173.85	2282.96	
185	2119.61	2226.02	
190	2018.57	2119.95	
195	1876.54	1970.85	
200	1701.56	1787.18	
205	1503.27	1579.05	
210	1292.03	1357.34	
215	1078.09	1132.84	
220	870.75	915.34	
225	677.67	712.91	
230	504.43	531.47	
235	354.48	374.79	
240	230.05	245.51	
245	135.87	149.27	
250	92.06	106.16	
255	114.88	128.37	
260	160.68	174.33	
265	202.92	217.55	
270	234.40	250.00	
275	251.99	268.20	
280	253.90	270.18	
285	239.49	255.26	
290	209.51	224.32	
295	166.33	180.08	
300	114.16	127.66	
305	60.57	77.28	
310	35.13	57.34	
315	69.17	84.87	
320	106.05	119.70	
325	130.09	143.48	
330	139.71	153.13	
335	141.04	154.46	
340	150.66	164.18	
345	188.34	202.57	
350	257.33	273.74	
355	346.84	366.82	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission