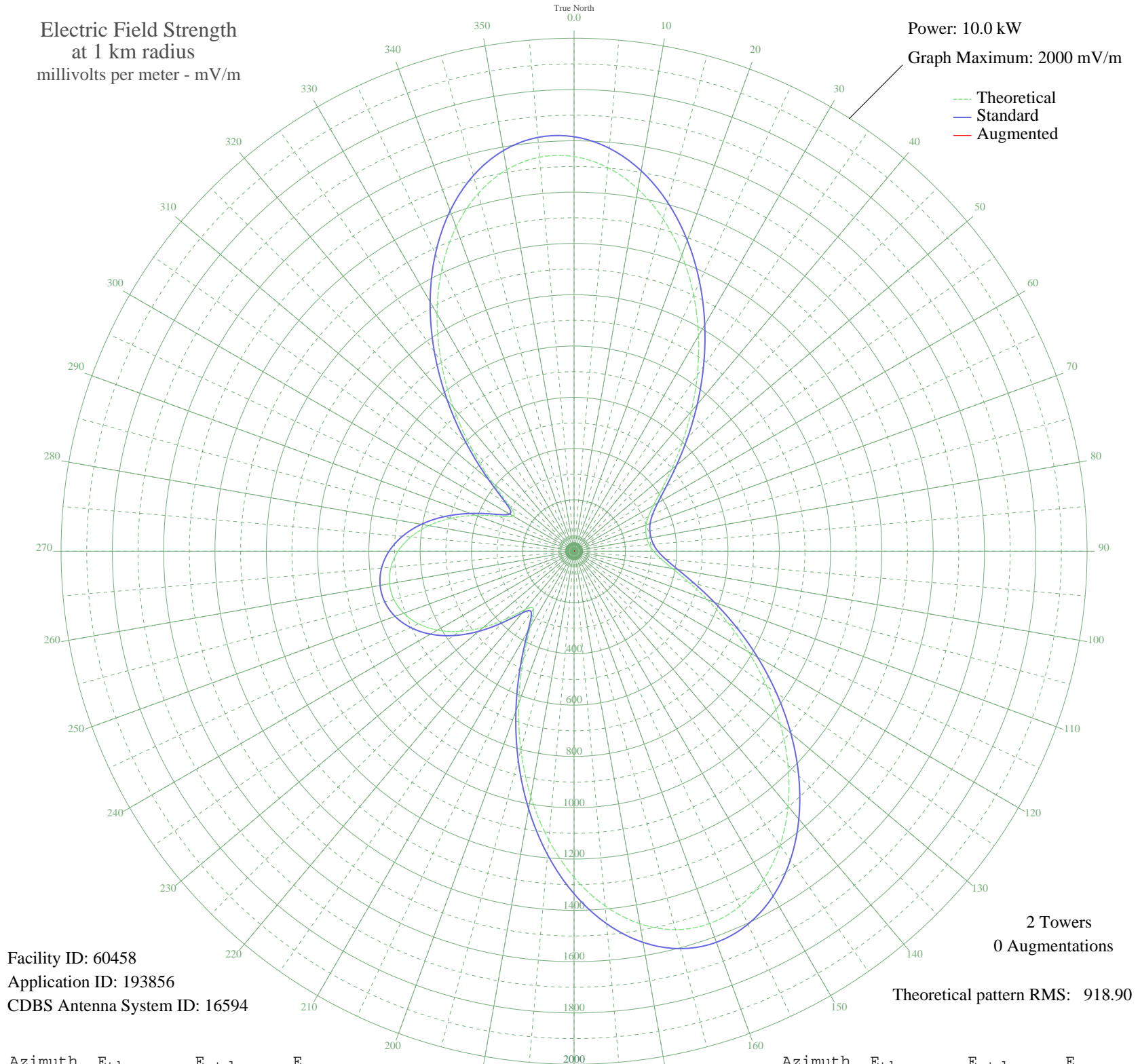


# KZNS SALT LAKE CITY, UT BL-19940114AA 1280 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 60458  
Application ID: 193856  
CDBS Antenna System ID: 16594

2 Towers  
0 Augmentations

Theoretical pattern RMS: 918.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1538.66	1615.93	
5	1501.55	1576.97	
10	1434.09	1506.16	
15	1341.08	1408.53	
20	1228.38	1290.23	
25	1102.46	1158.06	
30	969.95	1018.99	
35	837.33	879.82	
40	710.60	746.87	
45	595.19	625.83	
50	495.74	521.59	
55	415.87	437.93	
60	357.46	376.80	
65	319.71	337.33	
70	298.82	315.52	
75	289.66	305.95	
80	288.30	304.53	
85	294.03	310.51	
90	309.61	326.79	
95	340.03	358.58	
100	389.91	410.75	
105	461.29	485.49	
110	553.26	581.88	
115	662.80	696.73	
120	785.61	825.56	
125	916.57	962.97	
130	1049.88	1102.87	
135	1179.23	1238.63	
140	1298.01	1363.31	
145	1399.64	1470.00	
150	1477.96	1552.22	
155	1527.71	1604.43	
160	1544.90	1622.49	
165	1527.27	1603.98	
170	1474.44	1548.52	
175	1388.04	1457.82	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1271.62	1335.61	
185	1130.41	1187.40	
190	971.08	1020.18	
195	801.47	842.20	
200	630.78	663.15	
205	470.91	495.57	
210	341.05	359.64	
215	275.06	290.71	
220	296.91	313.51	
225	373.05	393.10	
230	462.04	486.27	
235	545.05	573.27	
240	615.00	646.60	
245	669.17	703.41	
250	706.62	742.69	
255	727.06	764.14	
260	730.47	767.71	
265	716.84	753.42	
270	686.18	721.26	
275	638.64	671.39	
280	574.81	604.46	
285	496.51	522.39	
290	408.56	430.27	
295	323.72	341.53	
300	273.97	289.58	
305	304.68	321.63	
310	413.84	435.80	
315	564.71	593.87	
320	732.74	770.10	
325	903.99	949.77	
330	1068.44	1122.35	
335	1217.77	1279.09	
340	1344.82	1412.45	
345	1443.75	1516.31	
350	1510.32	1586.18	
355	1542.10	1619.54	

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