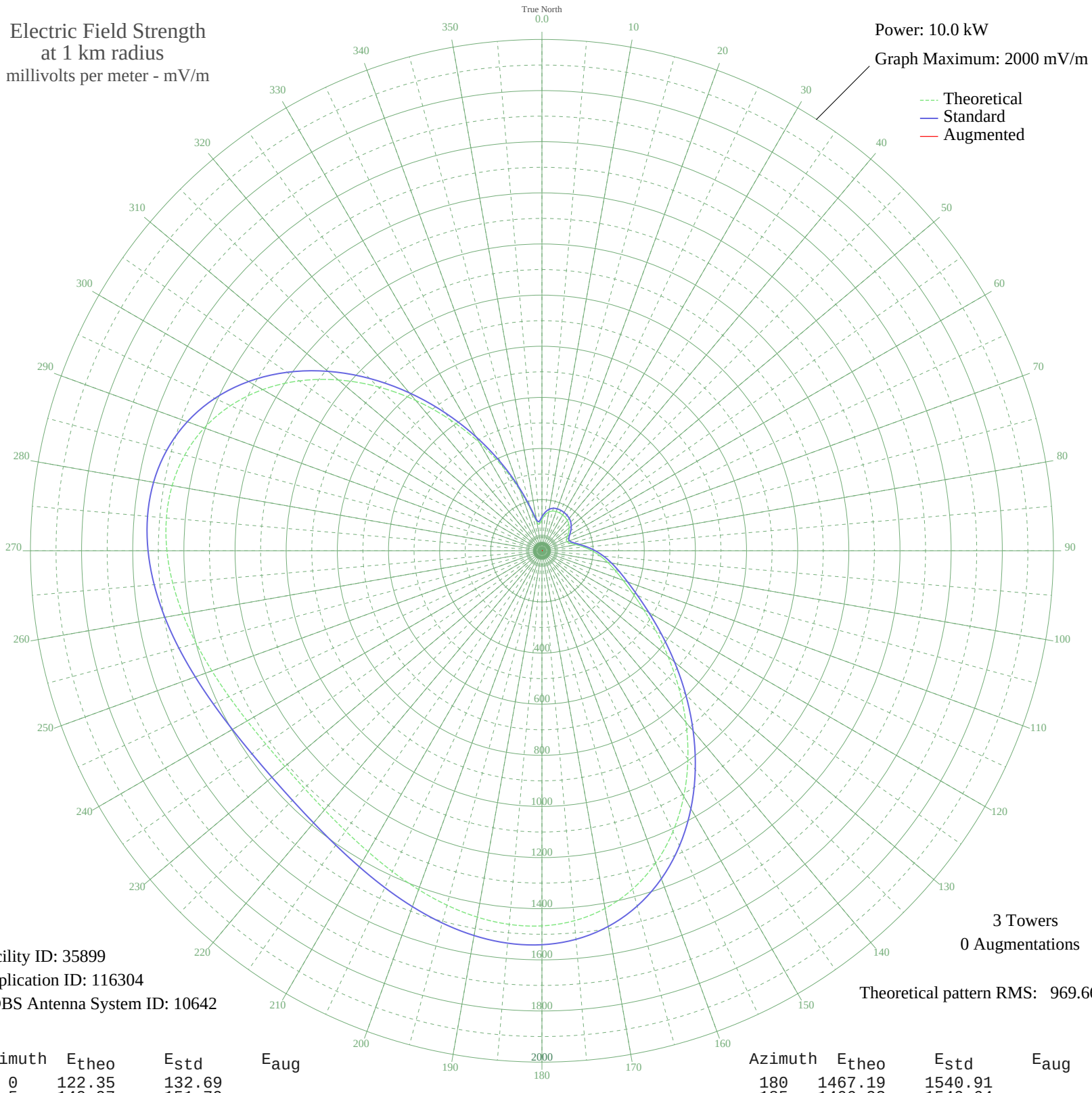
KERN WASCO-GREENACRES, CA BL-19880801AE 1180 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 35899
Application ID: 116304
CDBS Antenna System ID: 10642

Theoretical pattern RMS: 969.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	122.35	132.69	
5	140.97	151.70	
10	153.90	164.97	
15	160.79	172.07	
20	163.31	174.66	
25	163.24	174.59	
30	161.73	173.03	
35	159.03	170.25	
40	154.73	165.82	
45	148.15	159.07	
50	138.89	149.57	
55	127.29	137.72	
60	114.98	125.21	
65	105.54	115.69	
70	104.20	114.33	
75	114.77	125.00	
80	136.30	146.92	
85	164.69	176.09	
90	196.14	208.61	
95	228.42	242.12	
100	261.25	276.31	
105	296.50	313.09	
110	338.01	356.46	
115	390.65	411.53	
120	458.54	482.61	
125	543.39	571.52	
130	643.94	676.95	
135	756.41	794.93	
140	875.44	919.81	
145	994.94	1045.22	
150	1108.89	1164.81	
155	1211.92	1272.95	
160	1299.84	1365.23	
165	1369.83	1438.71	
170	1420.68	1492.08	
175	1452.62	1525.61	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1467.19	1540.91	
185	1466.93	1540.64	
190	1455.03	1528.14	
195	1434.97	1507.08	
200	1410.23	1481.11	
205	1384.05	1453.64	
210	1359.28	1427.63	
215	1338.23	1405.54	
220	1322.67	1389.20	
225	1313.77	1379.86	
230	1312.20	1378.21	
235	1318.05	1384.35	
240	1330.90	1397.84	
245	1349.81	1417.69	
250	1373.34	1442.39	
255	1399.48	1469.83	
260	1425.75	1497.41	
265	1449.18	1522.00	
270	1466.44	1540.12	
275	1473.98	1548.03	
280	1468.28	1542.05	
285	1446.15	1518.82	
290	1405.03	1475.66	
295	1343.36	1410.92	
300	1260.84	1324.30	
305	1158.64	1217.02	
310	1039.43	1091.91	
315	907.30	953.24	
320	767.42	806.48	
325	625.71	657.84	
330	488.35	513.84	
335	361.47	380.99	
340	251.16	265.80	
345	164.69	176.09	
350	113.39	123.60	
355	105.57	115.71	