KGDP OILDALE, CA BMP-20060915AFJ 660 kHz

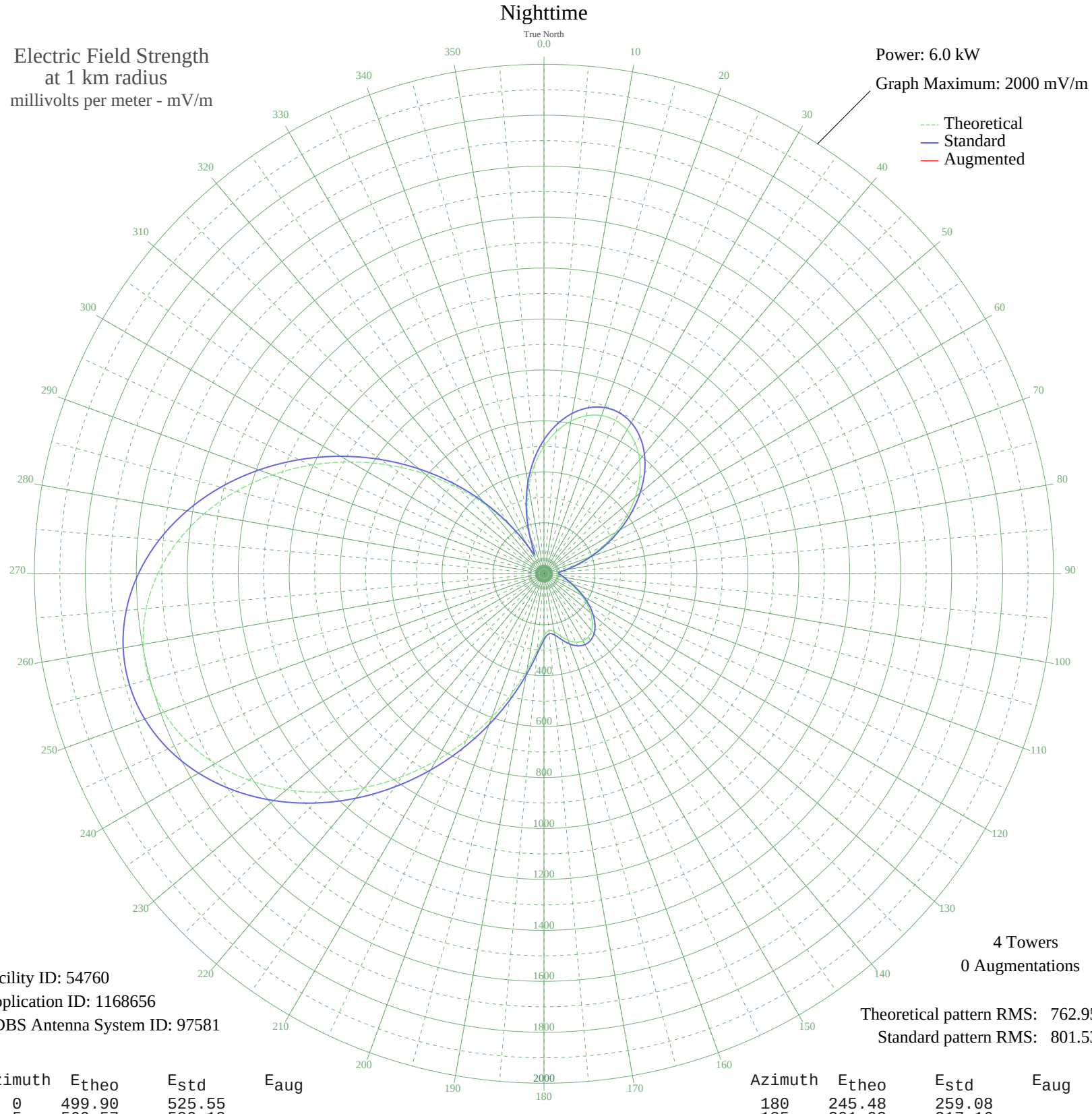
Nighttime

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

Power: 6.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 54760
Application ID: 1168656
CDBS Antenna System ID: 97581

Theoretical pattern RMS: 762.95
Standard pattern RMS: 801.53

Azimuth	E_{theo}	E_{std}	E_{aug}
0	499.90	525.55	
5	560.57	589.18	
10	608.28	639.23	
15	641.92	674.52	
20	660.64	694.16	
25	663.92	697.61	
30	651.74	684.82	
35	624.59	656.34	
40	583.62	613.36	
45	530.60	557.74	
50	467.93	492.02	
55	398.59	419.34	
60	325.98	343.28	
65	253.77	267.74	
70	185.78	196.81	
75	125.94	134.80	
80	78.90	86.87	
85	51.90	60.44	
90	49.85	58.51	
95	60.19	68.39	
100	72.59	80.57	
105	87.58	95.60	
110	108.47	116.86	
115	136.42	145.60	
120	169.68	180.07	
125	205.05	216.88	
130	239.02	252.33	
135	268.36	282.99	
140	290.36	305.99	
145	302.98	319.20	
150	305.01	321.32	
155	296.27	312.18	
160	278.02	293.09	
165	253.86	267.83	
170	231.38	244.35	
175	223.75	236.38	

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.

27 Jul 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	245.48	259.08	
185	301.03	317.16	
190	383.80	403.84	
195	485.37	510.31	
200	599.37	629.88	
205	721.10	757.61	
210	846.72	889.44	
215	972.70	1021.67	
220	1095.66	1150.74	
225	1212.21	1273.09	
230	1319.00	1385.19	
235	1412.77	1483.64	
240	1490.51	1565.25	
245	1549.57	1627.26	
250	1587.83	1667.42	
255	1603.83	1684.22	
260	1596.88	1676.93	
265	1567.15	1645.72	
270	1515.60	1591.60	
275	1443.95	1516.38	
280	1354.55	1422.52	
285	1250.18	1312.95	
290	1133.89	1190.87	
295	1008.76	1059.53	
300	877.81	922.07	
305	743.76	781.39	
310	609.08	640.07	
315	475.95	500.43	
320	346.48	364.74	
325	223.56	236.19	
330	116.08	124.65	
335	82.39	90.37	
340	159.75	169.76	
345	254.45	268.45	
350	345.11	363.31	
355	427.59	449.73	