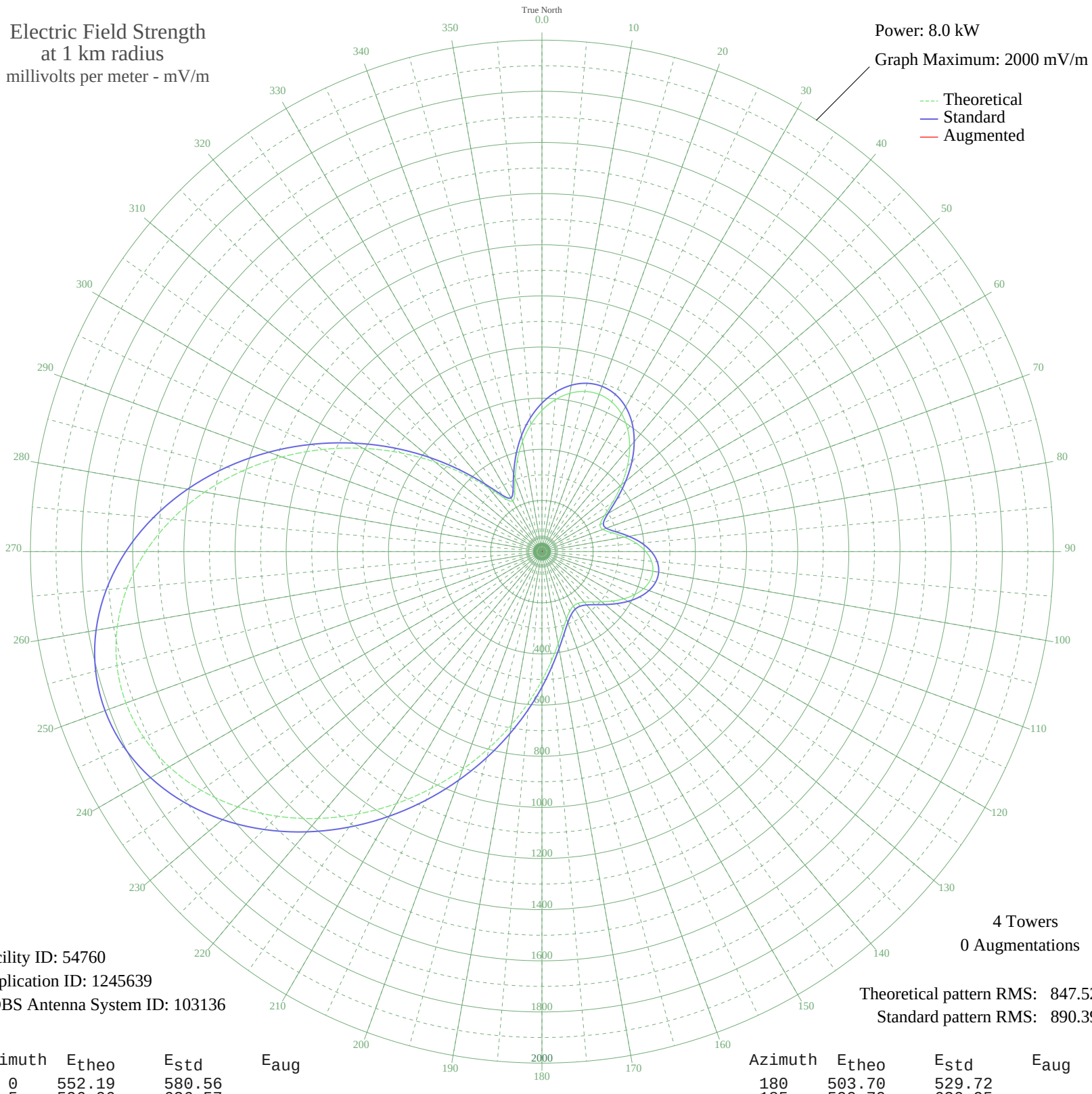
KWVE OILDALE, CA BL-20080505AER 660 kHz

Daytime

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



Power: 8.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

Facility ID: 54760
Application ID: 1245639
CDBS Antenna System ID: 103136

4 Towers
0 Augmentations

Theoretical pattern RMS: 847.52
Standard pattern RMS: 890.39

Azimuth	E_{theo}	E_{std}	E_{aug}
0	552.19	580.56	
5	596.06	626.57	
10	628.60	660.69	
15	648.39	681.46	
20	654.32	687.68	
25	645.66	678.59	
30	622.19	653.97	
35	584.41	614.35	
40	533.73	561.20	
45	472.71	497.23	
50	405.55	426.86	
55	338.83	357.01	
60	282.76	298.38	
65	251.06	265.28	
70	253.35	267.67	
75	283.96	299.63	
80	327.44	345.09	
85	370.85	390.52	
90	406.41	427.76	
95	430.12	452.61	
100	440.44	463.41	
105	437.55	460.39	
110	422.99	445.13	
115	399.20	420.21	
120	369.33	388.93	
125	336.84	354.93	
130	305.29	321.92	
135	277.97	293.37	
140	257.69	272.20	
145	246.56	260.59	
150	245.97	259.97	
155	256.88	271.35	
160	280.05	295.55	
165	316.17	333.30	
170	365.61	385.04	
175	428.32	450.71	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	503.70	529.72	
185	590.70	620.95	
190	687.87	722.87	
195	793.39	833.58	
200	905.14	950.87	
205	1020.72	1072.17	
210	1137.40	1194.64	
215	1252.20	1315.15	
220	1361.91	1430.32	
225	1463.17	1536.62	
230	1552.57	1630.47	
235	1626.82	1708.42	
240	1682.91	1767.30	
245	1718.30	1804.46	
250	1731.13	1817.93	
255	1720.34	1806.60	
260	1685.79	1770.32	
265	1628.30	1709.98	
270	1549.63	1627.38	
275	1452.31	1525.22	
280	1339.53	1406.82	
285	1214.89	1275.98	
290	1082.18	1136.68	
295	945.18	992.88	
300	807.55	848.44	
305	672.78	707.04	
310	544.43	572.42	
315	426.73	449.05	
320	326.21	343.81	
325	254.65	269.02	
330	228.84	242.11	
335	252.65	266.94	
340	306.84	323.54	
345	371.95	391.67	
350	437.61	460.45	
355	498.68	524.45	