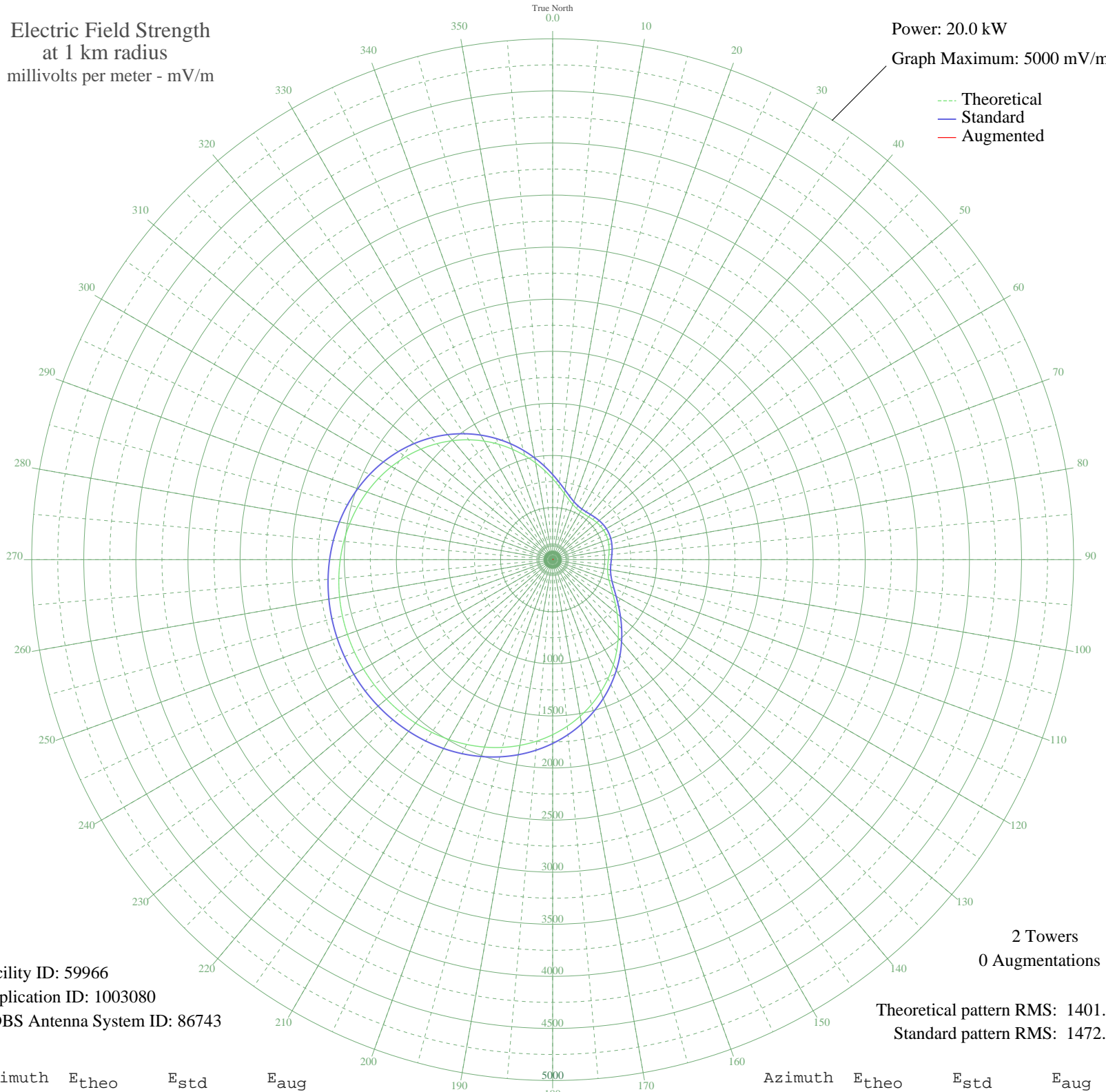


KNEW OAKLAND, CA BL-20040629ACX 910 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 59966
Application ID: 1003080
CDBS Antenna System ID: 86743

2 Towers
0 Augmentations

Theoretical pattern RMS: 1401.30
Standard pattern RMS: 1472.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	777.01	817.21	
5	705.98	742.76	
10	645.78	679.70	
15	598.09	629.75	
20	563.78	593.82	
25	542.53	571.58	
30	532.76	561.37	
35	531.91	560.48	
40	536.95	565.75	
45	544.95	574.12	
50	553.45	583.01	
55	560.55	590.44	
60	564.98	595.08	
65	566.04	596.20	
70	563.58	593.62	
75	557.97	587.74	
80	550.12	579.54	
85	541.57	570.58	
90	534.42	563.10	
95	531.37	559.91	
100	535.44	564.17	
105	549.53	578.92	
110	575.89	606.50	
115	615.59	648.07	
120	668.44	703.43	
125	733.20	771.29	
130	808.00	849.69	
135	890.68	936.39	
140	979.07	1029.09	
145	1071.09	1125.62	
150	1164.82	1223.97	
155	1258.53	1322.29	
160	1350.67	1418.99	
165	1439.91	1512.64	
170	1525.11	1602.06	
175	1605.36	1686.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1679.95	1764.58	
185	1748.38	1836.40	
190	1810.34	1901.44	
195	1865.69	1959.54	
200	1914.46	2010.73	
205	1956.79	2055.17	
210	1992.93	2093.10	
215	2023.18	2124.85	
220	2047.88	2150.78	
225	2067.37	2171.25	
230	2081.99	2186.59	
235	2091.98	2197.08	
240	2097.56	2202.94	
245	2098.84	2204.28	
250	2095.85	2201.14	
255	2088.52	2193.45	
260	2076.71	2181.05	
265	2060.18	2163.70	
270	2038.64	2141.09	
275	2011.76	2112.87	
280	1979.20	2078.69	
285	1940.62	2038.19	
290	1895.74	1991.08	
295	1844.34	1937.13	
300	1786.34	1876.25	
305	1721.77	1808.47	
310	1650.83	1734.01	
315	1573.91	1653.27	
320	1491.58	1566.86	
325	1404.64	1475.62	
330	1314.09	1380.60	
335	1221.15	1283.07	
340	1127.24	1184.53	
345	1033.97	1086.68	
350	943.16	991.43	
355	856.80	900.86	

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