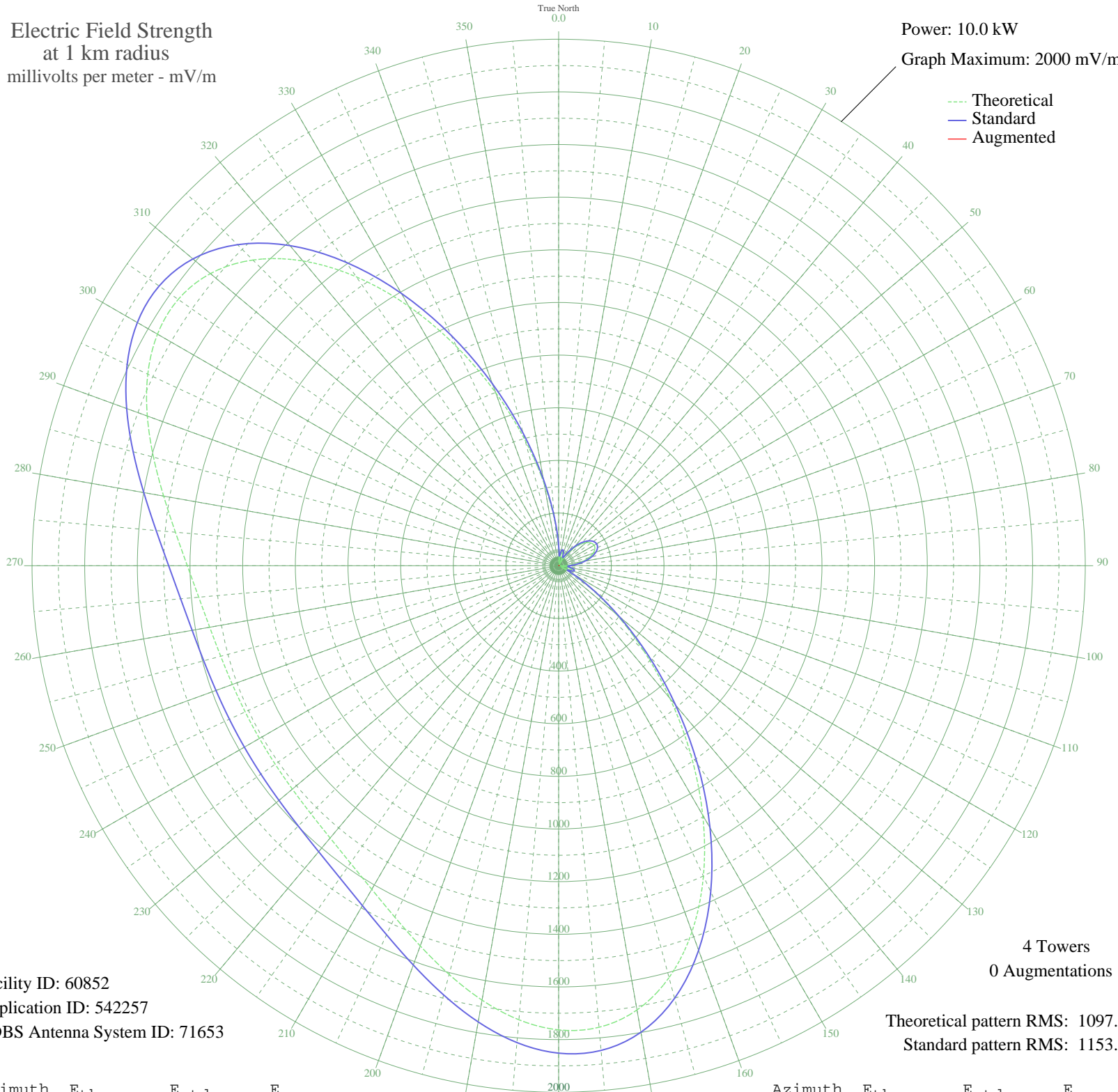


KYAA SOQUEL, CA BL-19990715DC 1200 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 60852
Application ID: 542257
CDBS Antenna System ID: 71653

Theoretical pattern RMS: 1097.69
Standard pattern RMS: 1153.05

Azimuth	E _{theo}	E _{std}	E _{aug}
0	65.77	76.63	
5	11.63	35.38	
10	42.34	55.49	
15	51.08	63.08	
20	39.77	53.35	
25	15.31	36.89	
30	18.19	38.30	
35	52.51	64.36	
40	85.52	95.74	
45	114.06	124.28	
50	136.03	146.64	
55	150.08	161.05	
60	155.45	166.57	
65	151.87	162.88	
70	139.50	150.19	
75	119.03	129.31	
80	91.67	101.82	
85	59.34	70.60	
90	24.93	42.28	
95	9.68	34.72	
100	35.70	50.08	
105	50.21	62.31	
110	46.00	58.61	
115	17.93	38.17	
120	49.27	61.47	
125	147.60	158.49	
130	284.47	300.54	
135	456.76	480.75	
140	657.25	690.91	
145	874.61	918.94	
150	1094.44	1149.64	
155	1301.14	1366.60	
160	1480.09	1554.45	
165	1619.80	1701.12	
170	1713.51	1799.49	
175	1759.95	1848.25	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1763.15	1851.61	
185	1731.38	1818.26	
190	1675.53	1759.62	
195	1607.20	1687.89	
200	1536.90	1614.09	
205	1472.68	1546.67	
210	1419.39	1490.73	
215	1378.78	1448.10	
220	1350.15	1418.04	
225	1331.44	1398.40	
230	1320.19	1386.60	
235	1314.28	1380.39	
240	1312.26	1378.28	
245	1313.59	1379.67	
250	1318.64	1384.97	
255	1328.67	1395.49	
260	1345.69	1413.36	
265	1372.15	1441.14	
270	1410.25	1481.13	
275	1461.05	1534.46	
280	1523.37	1599.88	
285	1593.00	1672.98	
290	1662.50	1745.95	
295	1721.77	1808.16	
300	1759.27	1847.53	
305	1763.84	1852.33	
310	1726.52	1813.16	
315	1642.34	1724.78	
320	1511.46	1587.38	
325	1339.57	1406.94	
330	1137.32	1194.65	
335	918.87	965.38	
340	699.80	735.54	
345	494.91	520.71	
350	316.26	333.73	
355	171.94	183.56	

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