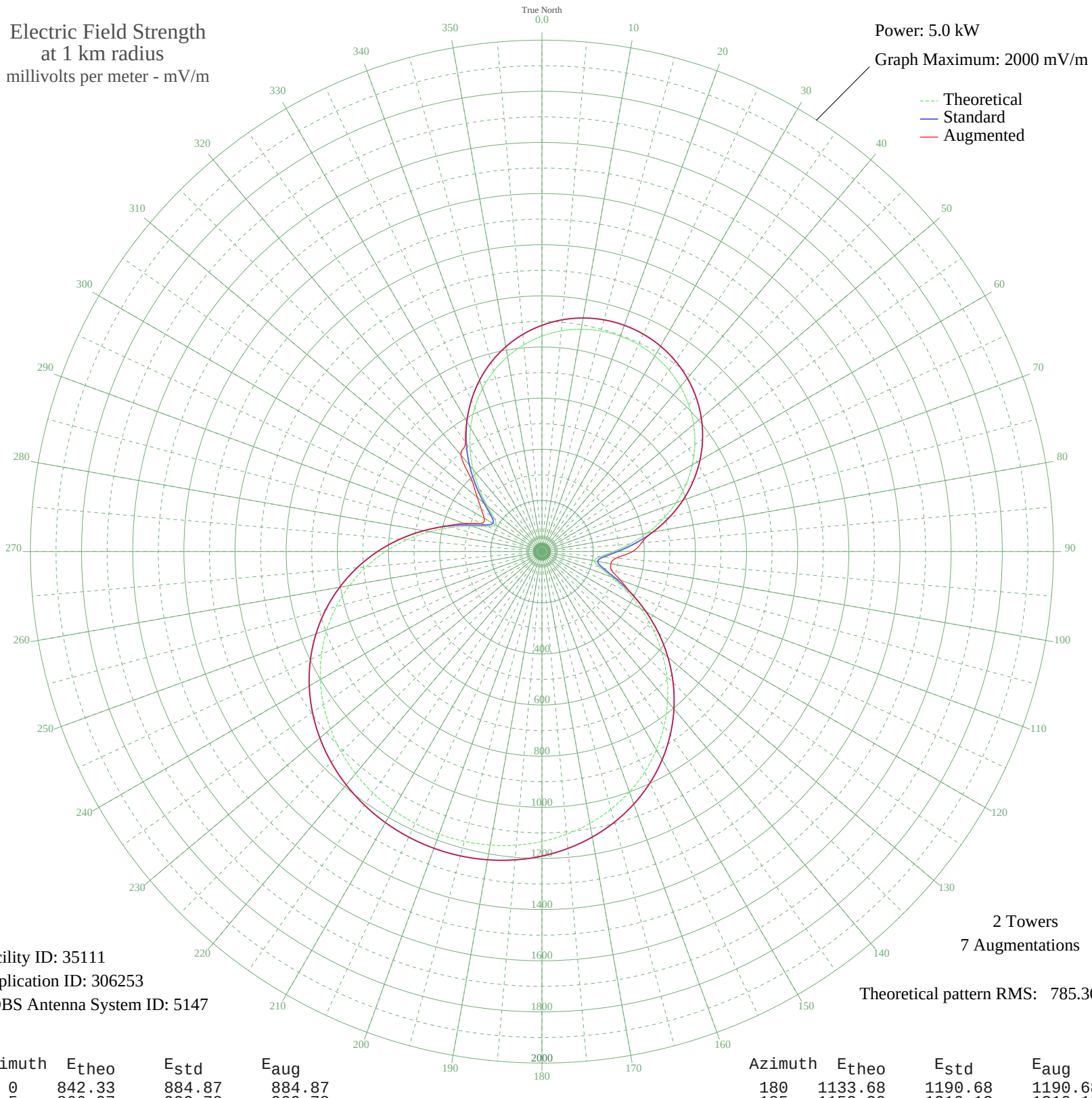
KCHJ DELANO, CA BL-- 1010 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
7 Augmentations

Facility ID: 35111
Application ID: 306253
CDBS Antenna System ID: 5147

Theoretical pattern RMS: 785.36

Azimuth	E_{theo}	E_{std}	E_{aug}
0	842.33	884.87	884.87
5	866.07	909.78	909.78
10	882.96	927.52	927.52
15	893.08	938.13	938.13
20	896.44	941.66	941.66
25	893.08	938.13	938.13
30	882.96	927.52	927.52
35	866.07	909.78	909.78
40	842.33	884.87	884.87
45	811.70	852.73	852.73
50	774.16	813.34	813.34
55	729.77	766.75	766.75
60	678.68	713.14	713.14
65	621.22	652.86	652.86
70	557.98	586.52	586.52
75	489.91	515.14	515.14
80	418.62	440.40	440.40
85	346.91	365.28	390.51
90	280.05	295.33	354.06
95	228.47	241.46	292.16
100	209.12	221.29	273.59
105	233.07	246.26	281.75
110	290.43	306.18	327.14
115	365.03	384.26	385.03
120	446.69	469.82	469.82
125	529.99	557.17	557.17
130	611.88	643.06	643.06
135	690.42	725.46	725.46
140	764.31	803.00	803.00
145	832.69	874.75	874.75
150	894.98	940.13	940.13
155	950.84	998.76	998.76
160	1000.16	1050.52	1050.52
165	1042.93	1095.42	1095.42
170	1079.30	1133.60	1133.60
175	1109.47	1165.27	1165.27

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	1133.68	1190.68	1190.68
185	1152.20	1210.12	1210.12
190	1165.24	1223.81	1223.81
195	1172.98	1231.94	1231.94
200	1175.55	1234.63	1234.63
205	1172.98	1231.94	1231.94
210	1165.24	1223.81	1223.81
215	1152.20	1210.12	1210.12
220	1133.68	1190.68	1190.68
225	1109.47	1165.26	1165.26
230	1079.30	1133.60	1133.60
235	1042.93	1095.42	1095.42
240	1000.15	1050.52	1050.52
245	950.84	998.76	998.76
250	894.98	940.12	940.12
255	832.69	874.75	874.75
260	764.31	803.00	803.00
265	690.41	725.45	725.45
270	611.88	643.06	643.06
275	529.99	557.17	557.17
280	446.69	469.82	469.82
285	365.03	384.26	386.67
290	290.43	306.18	321.87
295	233.07	246.26	262.49
300	209.12	221.29	261.11
305	228.47	241.46	289.68
310	280.05	295.33	329.71
315	346.91	365.28	382.96
320	418.62	440.41	492.14
325	489.91	515.14	521.72
330	557.98	586.52	588.46
335	621.23	652.86	652.86
340	678.68	713.14	713.14
345	729.77	766.75	766.75
350	774.16	813.34	813.34
355	811.70	852.73	852.73