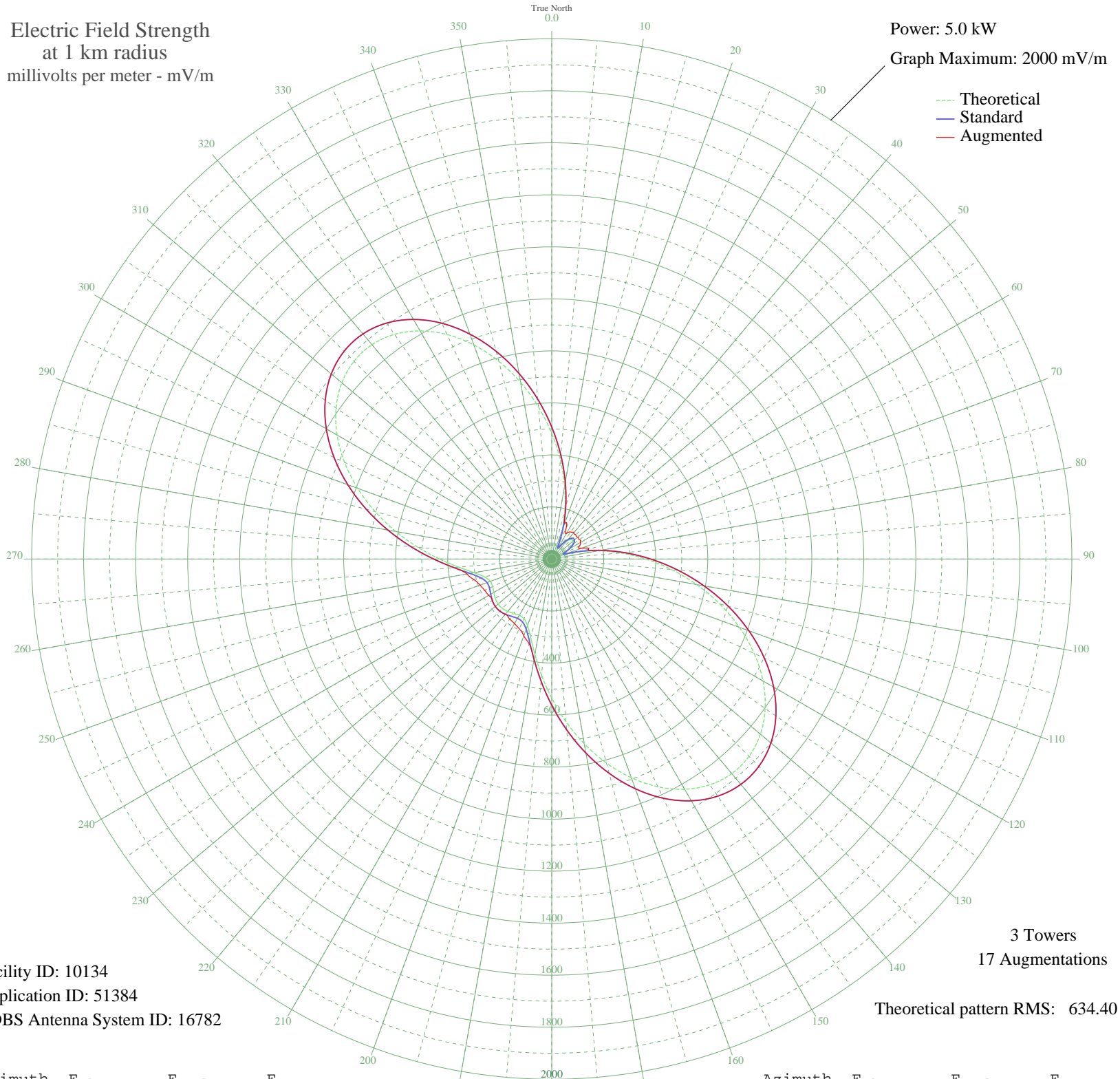


KKDD SAN BERNARDINO, CA BL-19830114AB 1290 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 10134
Application ID: 51384
CDBS Antenna System ID: 16782

3 Towers
17 Augmentations
Theoretical pattern RMS: 634.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	482.71	507.38	507.38
5	381.06	400.80	400.80
10	284.81	299.97	299.97
15	196.75	207.92	207.92
20	119.72	127.88	145.81
25	59.03	66.28	131.11
30	39.21	47.39	113.67
35	65.34	72.51	126.97
40	90.77	98.16	132.10
45	104.95	112.67	130.92
50	106.25	114.01	130.07
55	94.60	102.06	129.80
60	71.12	78.28	126.92
65	42.81	50.71	117.16
70	50.27	57.77	120.61
75	105.98	113.73	147.01
80	180.36	190.83	190.83
85	266.45	280.76	280.76
90	361.28	380.07	380.07
95	462.09	485.76	485.76
100	565.82	594.58	594.58
105	669.05	702.89	702.89
110	768.05	806.79	806.79
115	858.97	902.22	902.22
120	938.05	985.23	985.23
125	1001.84	1052.20	1052.20
130	1047.49	1100.11	1100.11
135	1072.91	1126.80	1126.80
140	1077.01	1131.10	1131.10
145	1059.74	1112.97	1112.97
150	1022.13	1073.49	1073.49
155	966.24	1014.82	1014.82
160	894.99	940.03	940.03
165	811.98	852.90	852.90
170	721.32	757.75	757.75
175	627.39	659.18	659.18

Azimuth	E _{theo}	E _{std}	E _{aug}
180	534.79	562.02	562.02
185	448.22	471.22	471.22
190	372.58	391.92	391.92
195	312.76	329.24	336.63
200	272.69	287.29	313.82
205	253.12	266.81	295.68
210	249.83	263.37	286.36
215	255.49	269.29	282.05
220	263.23	277.39	277.39
225	268.46	282.86	282.86
230	268.97	283.40	283.40
235	264.58	278.80	278.80
240	257.06	270.93	279.93
245	250.49	264.06	284.54
250	251.37	264.98	293.31
255	267.20	281.54	308.63
260	303.08	319.10	331.36
265	359.20	377.89	377.89
270	432.06	454.27	454.27
275	516.84	543.19	543.19
280	608.62	639.48	639.48
285	702.65	738.16	738.16
290	794.32	834.37	834.37
295	879.20	923.46	923.46
300	953.11	1001.04	1001.04
305	1012.33	1063.21	1063.21
310	1053.79	1106.73	1106.73
315	1075.25	1129.25	1129.25
320	1075.46	1129.47	1129.47
325	1054.24	1107.20	1107.20
330	1012.50	1063.39	1063.39
335	952.13	1000.01	1000.01
340	875.85	919.94	919.94
345	787.00	826.68	826.68
350	689.31	724.15	724.15
355	586.62	616.40	616.40

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission