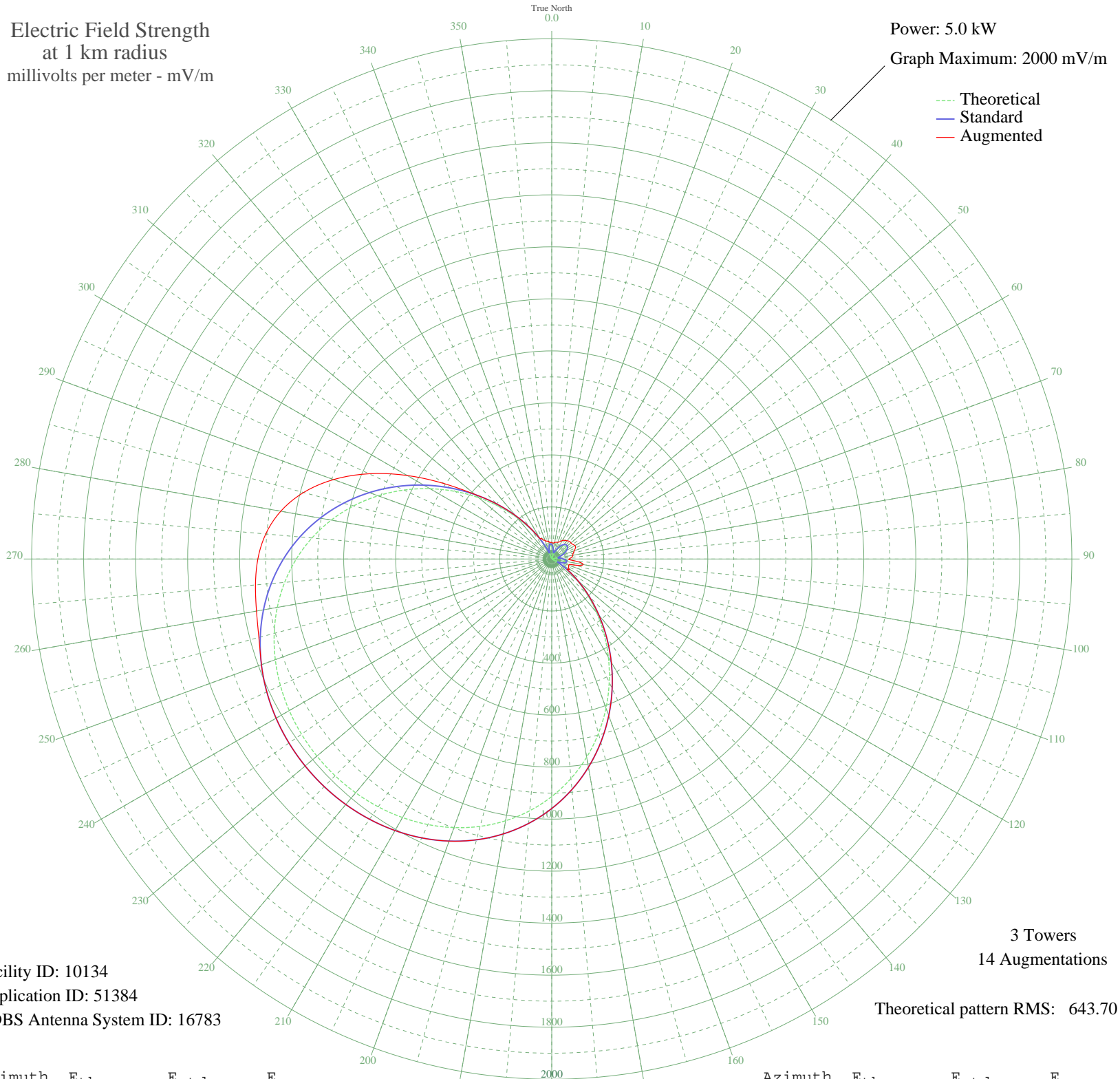


# KKDD SAN BERNARDINO, CA BL-19830114AB 1290 kHz

Nighttime

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: 16783

3 Towers  
14 Augmentations  
Theoretical pattern RMS: 643.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	48.45	56.03	63.73
5	39.23	47.41	61.07
10	25.31	35.46	64.27
15	8.51	25.12	66.77
20	9.47	25.50	68.19
25	27.06	36.86	73.46
30	42.90	50.80	82.04
35	55.89	63.21	87.28
40	65.19	72.37	91.55
45	70.23	77.38	95.86
50	70.69	77.85	96.27
55	66.56	73.72	98.41
60	58.07	65.34	102.94
65	45.76	53.48	100.49
70	30.40	39.63	92.27
75	13.07	27.19	85.39
80	4.95	24.05	82.23
85	22.13	33.03	76.74
90	36.76	45.18	66.33
95	47.07	54.72	92.22
100	51.24	58.70	122.84
105	47.57	55.20	89.49
110	34.59	43.24	69.30
115	11.14	26.23	72.22
120	23.47	34.04	78.18
125	69.40	76.56	76.56
130	126.23	134.61	134.61
135	192.97	203.97	203.97
140	268.09	282.48	282.48
145	349.65	367.89	367.89
150	435.40	457.77	457.77
155	522.95	549.59	549.59
160	609.92	640.85	640.85
165	694.14	729.22	729.22
170	773.70	812.73	812.73
175	847.12	889.78	889.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	913.30	959.26	959.26
185	971.64	1020.49	1020.49
190	1021.89	1073.24	1073.24
195	1064.17	1117.63	1117.63
200	1098.86	1154.05	1154.05
205	1126.50	1183.06	1183.06
210	1147.70	1205.31	1205.31
215	1163.07	1221.45	1221.45
220	1173.13	1232.01	1232.01
225	1178.29	1237.43	1237.43
230	1178.76	1237.92	1237.92
235	1174.55	1233.50	1233.50
240	1165.49	1223.99	1223.99
245	1151.22	1209.01	1209.01
250	1131.23	1188.03	1188.03
255	1104.94	1160.42	1160.42
260	1071.70	1125.53	1152.89
265	1030.97	1082.78	1143.59
270	982.33	1031.72	1130.11
275	925.61	972.17	1103.93
280	860.96	904.31	1058.00
285	788.92	828.70	987.96
290	710.48	746.37	892.83
295	627.05	658.82	775.28
300	540.46	567.97	642.10
305	452.84	476.06	505.48
310	366.54	385.59	386.66
315	283.96	299.08	299.08
320	207.38	219.01	219.01
325	138.83	147.65	147.65
330	79.92	87.14	89.94
335	31.76	40.78	82.96
340	5.12	24.09	76.73
345	30.76	39.93	72.48
350	45.76	53.48	69.28
355	51.19	58.65	63.84

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