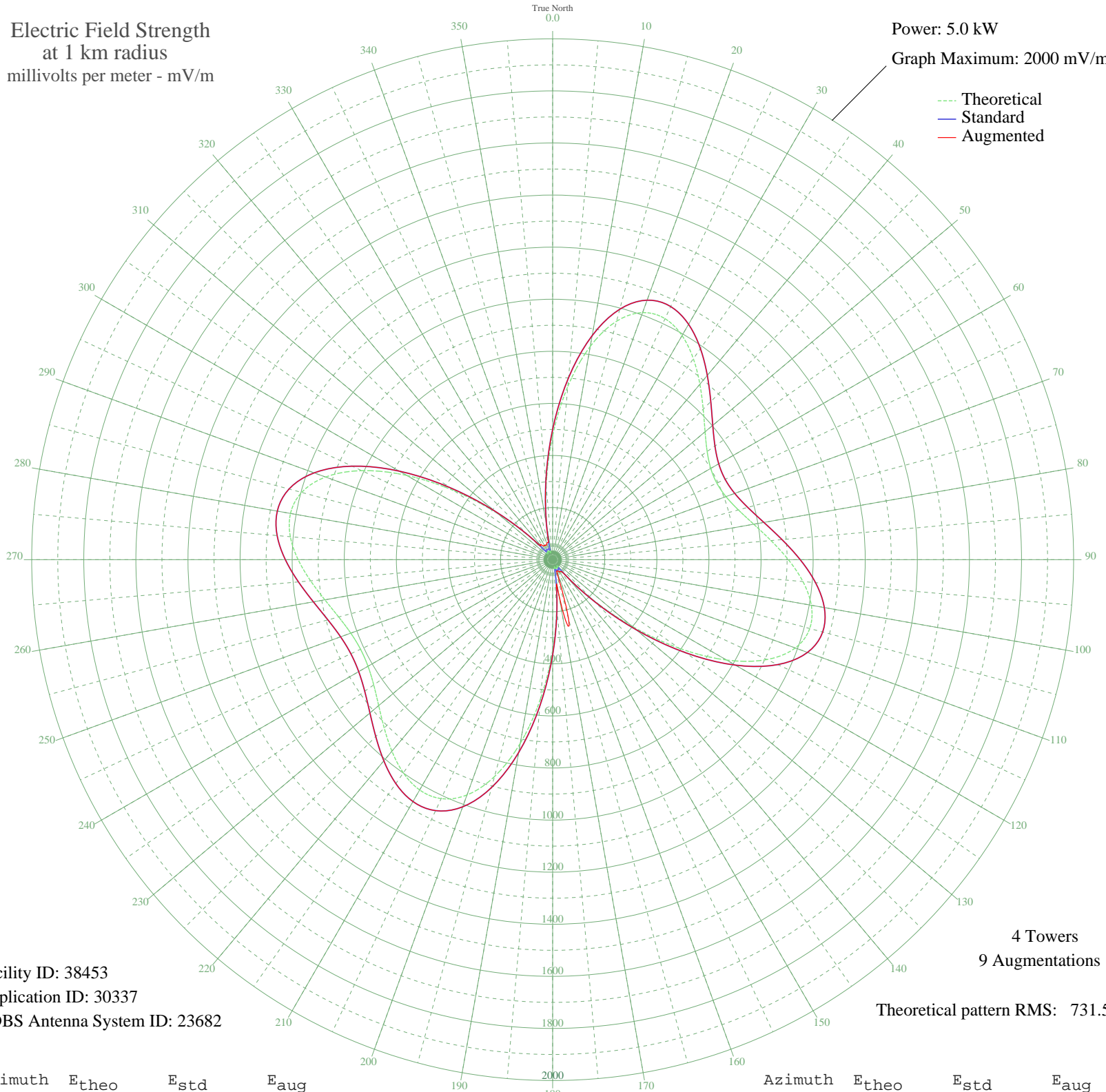


KGST FRESNO, CA BL-19810507AC 1600 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 38453
Application ID: 30337
CDBS Antenna System ID: 23682

4 Towers
9 Augmentations
Theoretical pattern RMS: 731.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	475.92	500.26	500.26
5	667.81	701.60	701.60
10	831.60	873.50	873.50
15	947.85	995.52	995.52
20	1009.60	1060.35	1060.35
25	1021.06	1072.37	1072.37
30	993.68	1043.63	1043.63
35	941.84	989.21	989.21
40	879.31	923.58	923.58
45	817.33	858.52	858.52
50	763.91	802.44	802.44
55	724.12	760.69	760.69
60	700.84	736.25	736.25
65	695.39	730.54	730.54
70	708.06	743.83	743.83
75	738.17	775.44	775.44
80	783.87	823.39	823.39
85	841.48	883.86	883.86
90	904.82	950.35	950.35
95	964.59	1013.09	1013.09
100	1008.39	1059.07	1059.07
105	1021.89	1073.24	1073.24
110	991.38	1041.22	1041.22
115	907.78	953.46	953.46
120	770.98	809.86	809.86
125	592.95	623.04	623.04
130	397.63	418.17	418.17
135	216.26	228.28	228.28
140	79.84	87.06	87.31
145	27.48	37.20	55.64
150	37.79	46.11	55.04
155	33.08	41.92	48.21
160	37.34	45.70	45.85
165	30.22	39.47	237.61
170	58.59	65.85	136.34
175	178.42	188.80	188.80

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	347.42	365.55	365.55
185	536.49	563.81	563.81
190	715.98	752.15	752.15
195	862.11	905.52	905.52
200	961.62	1009.97	1009.97
205	1012.43	1063.31	1063.31
210	1021.20	1072.51	1072.51
215	999.45	1049.68	1049.68
220	960.00	1008.27	1008.27
225	914.43	960.43	960.43
230	871.83	915.72	915.72
235	838.55	880.79	880.79
240	818.54	859.79	859.79
245	813.81	854.82	854.82
250	824.79	866.35	866.35
255	850.44	893.27	893.27
260	888.04	932.74	932.74
265	932.74	979.66	979.66
270	977.11	1026.24	1026.24
275	1010.98	1061.79	1061.79
280	1022.06	1073.42	1073.42
285	997.68	1047.82	1047.82
290	927.77	974.44	974.44
295	808.77	849.53	849.53
300	647.06	679.82	679.82
305	460.41	484.00	484.00
310	275.72	290.46	290.46
315	122.99	131.26	131.26
320	32.89	41.76	72.14
325	35.86	44.37	64.71
330	34.95	43.57	61.58
335	34.98	43.59	59.28
340	35.77	44.30	65.40
345	33.63	42.41	67.21
350	127.20	135.60	135.60
355	285.06	300.23	300.23