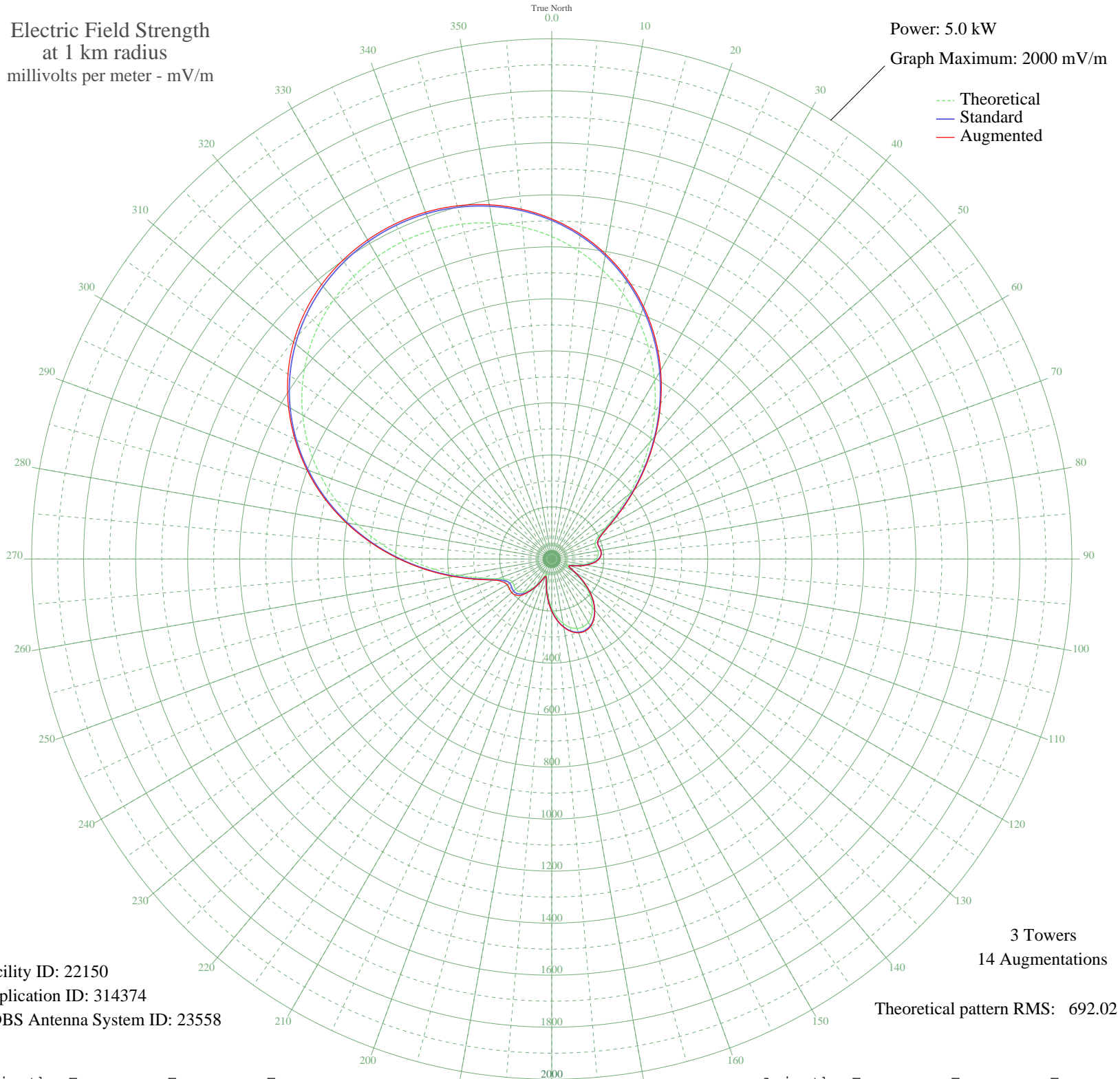


# KVGB GREAT BEND, KS BL-- 1590 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 22150  
Application ID: 314374  
CDBS Antenna System ID: 23558

3 Towers  
14 Augmentations  
Theoretical pattern RMS: 692.02

Azimuth	Etheo	Estd	Eaug
0	1239.76	1302.05	1307.69
5	1188.90	1248.65	1254.53
10	1127.81	1184.53	1190.71
15	1056.67	1109.84	1116.43
20	975.98	1025.16	1032.28
25	886.77	931.52	939.04
30	790.59	830.58	837.48
35	689.63	724.64	730.20
40	586.71	616.67	621.07
45	485.36	510.38	515.03
50	389.87	410.30	415.30
55	305.46	321.92	326.10
60	238.43	251.88	254.14
65	195.14	206.76	207.09
70	177.15	188.05	188.05
75	176.33	187.20	187.20
80	180.11	191.12	191.12
85	179.38	190.37	190.60
90	169.95	180.58	181.72
95	150.93	160.88	163.02
100	123.78	132.88	135.34
105	92.41	100.90	102.58
110	66.54	75.15	75.45
115	66.63	75.23	75.23
120	95.85	104.37	104.37
125	135.53	144.97	144.97
130	175.75	186.60	186.60
135	212.33	224.66	224.66
140	242.99	256.64	256.92
145	266.27	280.94	282.21
150	281.19	296.54	298.85
155	287.21	302.83	305.65
160	284.10	299.59	302.19
165	271.98	286.92	288.86
170	251.30	265.31	266.51
175	222.87	235.65	236.57

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	187.98	199.31	200.23
185	148.60	158.47	159.12
190	108.08	116.81	117.02
195	73.75	82.24	82.24
200	62.73	71.44	71.44
205	82.76	91.19	91.19
210	113.91	122.77	122.77
215	143.00	152.68	153.06
220	164.88	175.32	182.56
225	177.41	188.32	195.61
230	180.65	191.69	201.17
235	177.58	188.50	198.54
240	175.63	186.47	197.23
245	186.82	198.11	208.53
250	221.76	234.48	236.35
255	281.79	297.17	300.58
260	361.37	380.45	385.05
265	453.94	477.44	482.04
270	553.92	582.27	586.35
275	656.75	690.14	694.71
280	758.68	797.10	802.47
285	856.66	899.92	905.74
290	948.30	996.10	1001.71
295	1031.85	1083.79	1089.51
300	1106.12	1161.76	1168.88
305	1170.46	1229.29	1238.13
310	1224.60	1286.12	1296.06
315	1268.57	1332.28	1342.12
320	1302.60	1368.01	1377.00
325	1327.01	1393.63	1401.51
330	1342.08	1409.45	1416.38
335	1348.03	1415.70	1422.21
340	1344.97	1412.49	1418.74
345	1332.83	1399.75	1405.59
350	1311.44	1377.29	1382.79
355	1280.53	1344.84	1350.25