

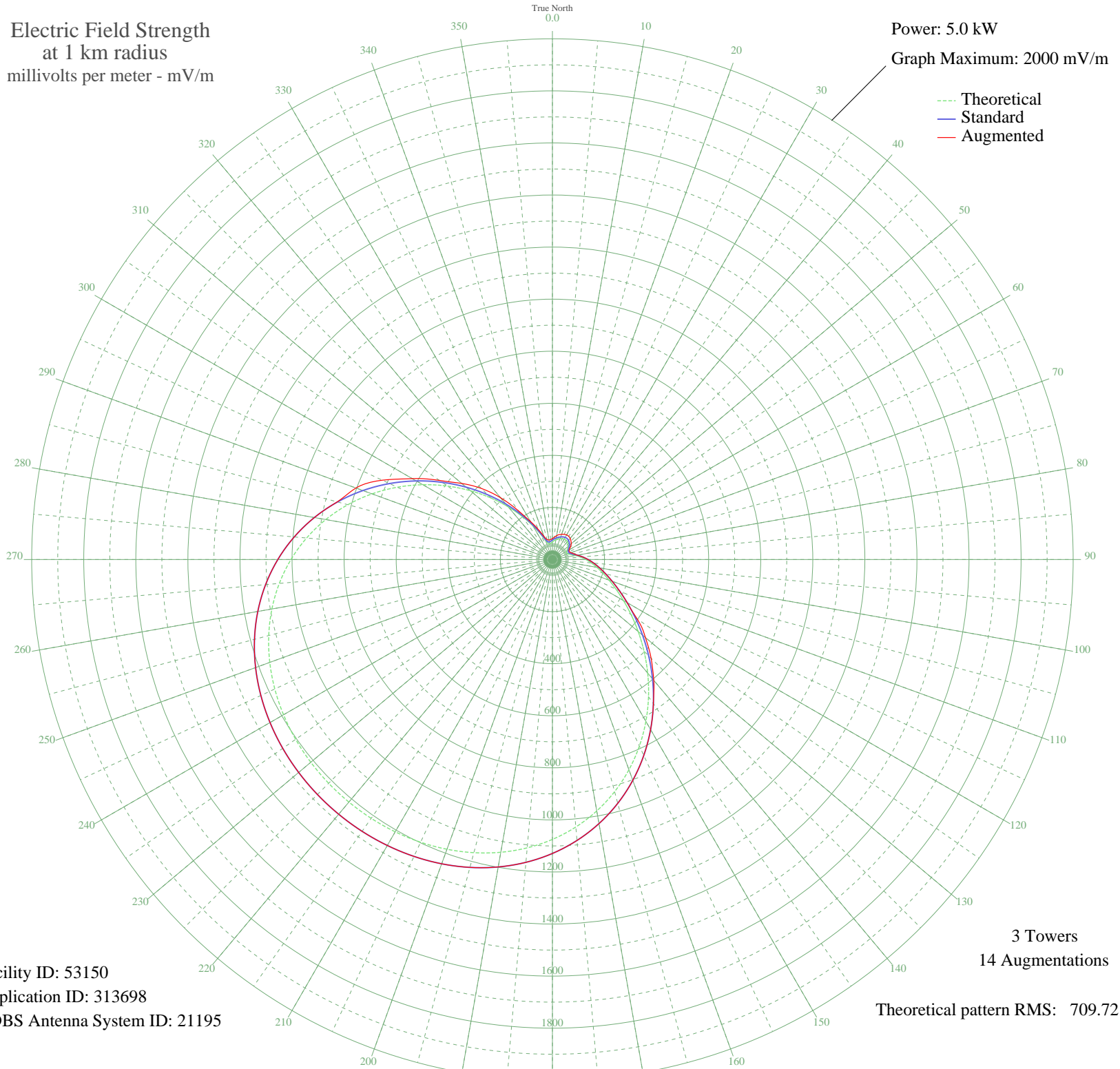
KGSO WICHITA, KS BL-- 1410 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 53150
Application ID: 313698
CDBS Antenna System ID: 21195

3 Towers
14 Augmentations
Theoretical pattern RMS: 709.72

Azimuth	E _{theo}	E _{std}	E _{aug}
0	67.91	75.07	80.47
5	72.33	79.50	86.07
10	76.71	83.90	93.07
15	81.06	88.29	98.92
20	85.19	92.48	102.95
25	88.64	95.98	106.67
30	90.77	98.16	109.07
35	91.01	98.40	109.08
40	88.94	96.29	105.93
45	84.46	91.74	100.66
50	77.90	85.10	94.42
55	70.23	77.39	84.40
60	63.35	70.54	74.22
65	60.21	67.44	72.42
70	63.64	70.83	76.17
75	74.09	81.26	84.94
80	89.68	97.04	97.04
85	108.25	116.06	116.06
90	128.50	136.95	136.95
95	150.07	159.31	159.31
100	173.48	183.67	183.67
105	200.03	211.34	211.34
110	231.42	244.12	244.12
115	269.35	283.79	283.79
120	314.98	331.57	331.57
125	368.68	387.82	396.90
130	429.88	451.99	466.36
135	497.33	522.72	536.07
140	569.20	598.12	605.98
145	643.42	676.00	676.00
150	717.83	754.08	754.08
155	790.37	830.22	830.22
160	859.25	902.52	902.52
165	923.00	969.43	969.43
170	980.56	1029.86	1029.86
175	1031.30	1083.12	1083.12

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	E _{theo}	E _{std}	E _{aug}
180	1074.96	1128.96	1128.96
185	1111.64	1167.46	1167.46
190	1141.70	1199.01	1199.01
195	1165.67	1224.18	1224.18
200	1184.22	1243.65	1243.65
205	1197.98	1258.10	1258.10
210	1207.58	1268.18	1268.18
215	1213.49	1274.38	1274.38
220	1216.04	1277.06	1277.06
225	1215.38	1276.37	1276.37
230	1211.44	1272.23	1272.23
235	1203.97	1264.38	1264.38
240	1192.51	1252.36	1252.36
245	1176.49	1235.54	1235.54
250	1155.22	1213.21	1213.21
255	1127.97	1184.60	1184.60
260	1094.06	1149.00	1149.00
265	1052.91	1105.81	1105.81
270	1004.17	1054.64	1054.64
275	947.76	995.43	995.43
280	883.97	928.47	928.47
285	813.47	854.47	855.64
290	737.36	774.58	803.08
295	657.12	690.38	720.92
300	574.59	603.78	621.46
305	491.84	516.96	529.79
310	411.04	432.23	454.55
315	334.38	351.88	386.16
320	263.93	278.12	309.56
325	201.53	212.91	229.54
330	148.86	158.06	168.69
335	107.50	115.29	126.13
340	79.06	86.27	94.39
345	64.42	71.60	79.68
350	61.10	68.32	76.05
355	63.64	70.83	77.12