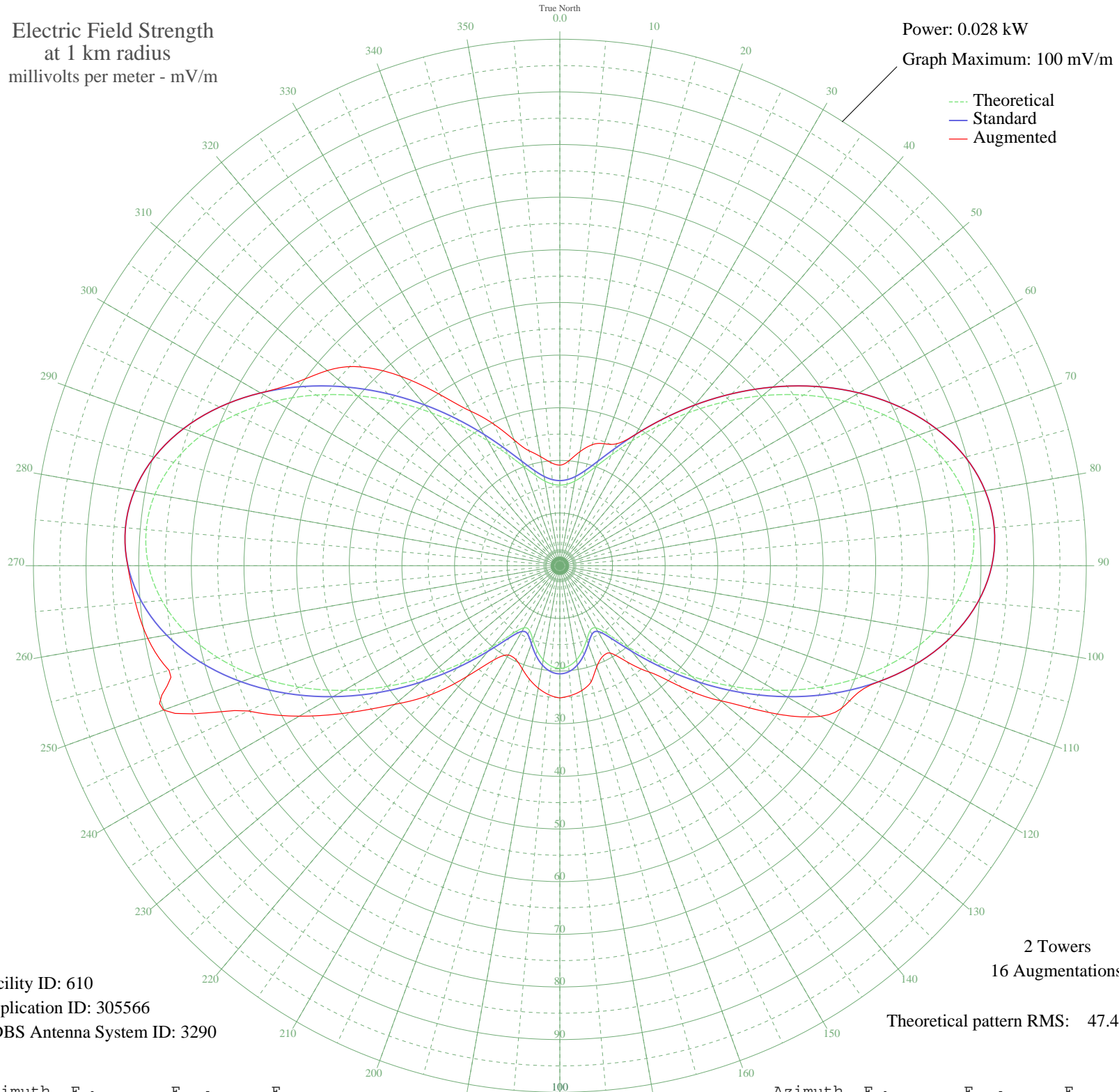


# KSGL WICHITA, KS BL-- 900 kHz

Nighttime

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

Power: 0.028 kW  
Graph Maximum: 100 mV/m



Facility ID: 610  
Application ID: 305566  
CDBS Antenna System ID: 3290

2 Towers  
16 Augmentations  
Theoretical pattern RMS: 47.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	15.31	16.17	19.11
5	15.55	16.42	20.03
10	16.32	17.22	22.00
15	17.77	18.74	23.80
20	20.05	21.13	24.65
25	23.26	24.48	25.56
30	27.37	28.79	28.79
35	32.30	33.97	33.97
40	37.90	39.83	39.83
45	43.95	46.19	46.19
50	50.25	52.79	52.79
55	56.52	59.37	59.37
60	62.49	65.64	65.64
65	67.89	71.31	71.31
70	72.45	76.10	76.10
75	75.93	79.74	79.74
80	78.12	82.04	82.04
85	78.87	82.83	82.83
90	78.13	82.05	82.05
95	75.88	79.70	79.70
100	72.22	75.86	75.86
105	67.30	70.69	70.69
110	61.34	64.43	64.43
115	54.58	57.34	60.72
120	47.34	49.74	57.20
125	39.93	41.96	48.64
130	32.66	34.34	39.90
135	25.92	27.27	32.51
140	20.11	21.19	26.34
145	15.81	16.70	22.31
150	13.62	14.41	19.15
155	13.61	14.39	19.09
160	14.95	15.79	20.47
165	16.67	17.59	22.87
170	18.16	19.15	24.06
175	19.14	20.18	24.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	19.48	20.53	25.10
185	19.14	20.18	24.57
190	18.16	19.15	23.60
195	16.67	17.59	22.32
200	14.95	15.79	20.85
205	13.61	14.39	19.69
210	13.62	14.41	19.59
215	15.81	16.70	21.84
220	20.11	21.19	27.48
225	25.92	27.27	34.60
230	32.66	34.34	40.97
235	39.93	41.96	48.59
240	47.34	49.74	57.16
245	54.58	57.34	65.28
250	61.34	64.43	80.13
255	67.30	70.69	76.84
260	72.22	75.86	79.48
265	75.88	79.70	80.92
270	78.13	82.05	82.09
275	78.87	82.83	82.83
280	78.12	82.04	82.04
285	75.93	79.74	79.74
290	72.45	76.10	76.10
295	67.89	71.31	71.31
300	62.49	65.64	65.64
305	56.52	59.37	60.86
310	50.25	52.79	57.67
315	43.95	46.19	53.40
320	37.90	39.83	46.96
325	32.30	33.97	39.66
330	27.37	28.79	33.90
335	23.26	24.48	29.65
340	20.05	21.13	25.42
345	17.77	18.74	22.60
350	16.32	17.22	21.03
355	15.55	16.42	19.68

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission