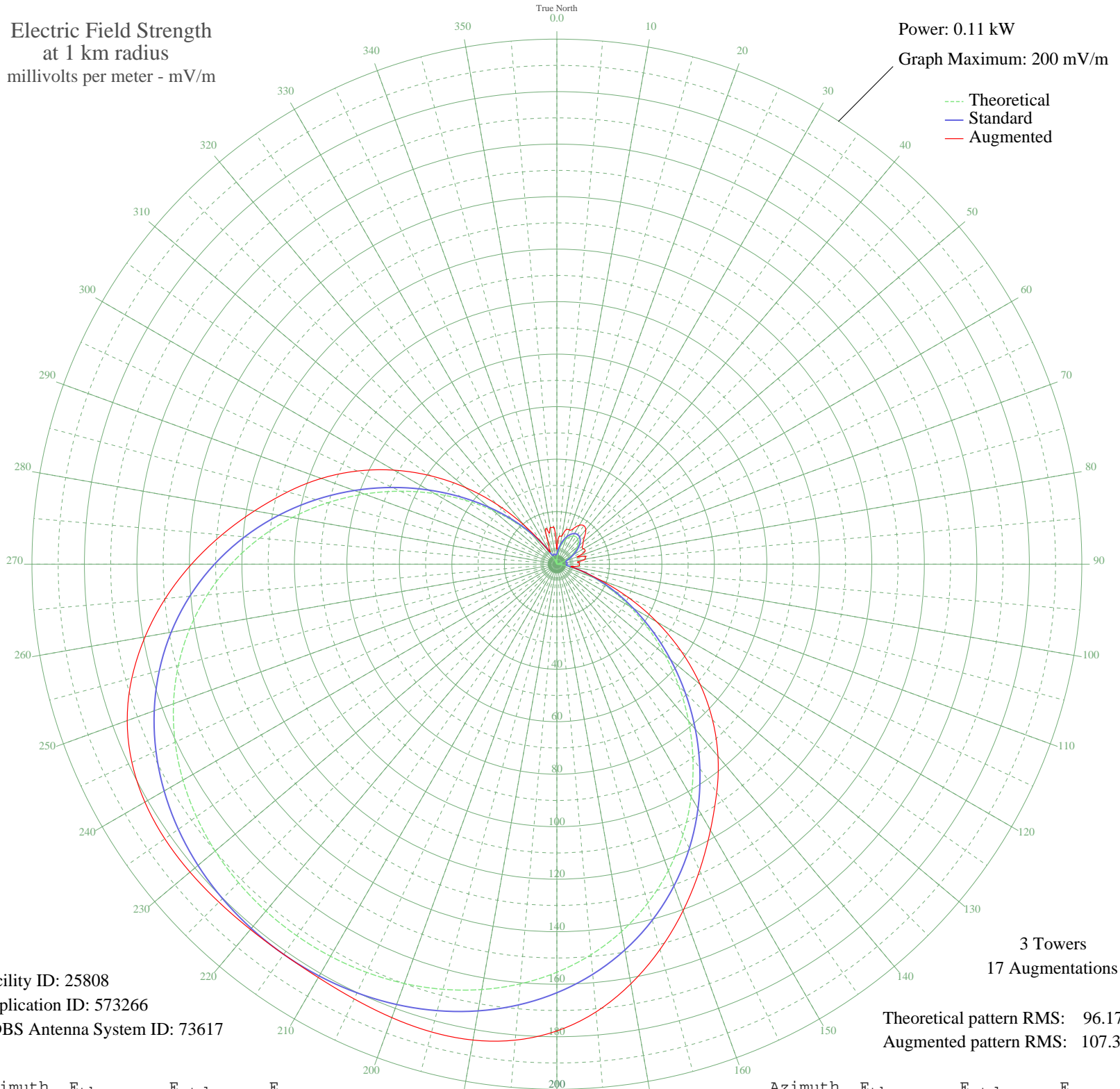


# KFRM SALINA, KS BL-20010705AAX 550 kHz

Nighttime

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

Power: 0.11 kW  
Graph Maximum: 200 mV/m



Facility ID: 25808  
Application ID: 573266  
CDBS Antenna System ID: 73617

3 Towers  
17 Augmentations  
Theoretical pattern RMS: 96.17  
Augmented pattern RMS: 107.38

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1.77	3.95	5.64
5	3.93	5.40	10.70
10	6.17	7.35	10.90
15	8.28	9.37	13.60
20	10.11	11.17	13.88
25	11.51	12.58	14.95
30	12.39	13.47	17.12
35	12.69	13.78	17.90
40	12.39	13.47	17.12
45	11.51	12.58	14.95
50	10.11	11.17	13.88
55	8.28	9.37	11.90
60	6.17	7.35	11.67
65	3.93	5.40	11.90
70	1.77	3.95	8.43
75	0.07	3.48	11.49
80	1.36	3.77	11.00
85	1.85	3.99	7.92
90	1.31	3.74	8.59
95	0.50	3.52	8.34
100	3.72	5.23	5.34
105	8.47	9.55	9.55
110	14.79	15.91	17.36
115	22.63	24.02	30.10
120	31.88	33.65	43.99
125	42.33	44.58	57.88
130	53.72	56.52	71.26
135	65.76	69.13	83.86
140	78.09	82.07	95.50
145	90.39	94.98	106.17
150	102.35	107.52	117.01
155	113.69	119.42	128.68
160	124.19	130.44	140.52
165	133.68	140.41	151.91
170	142.07	149.22	162.30
175	149.32	156.82	171.21

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	155.44	163.25	177.80
185	160.48	168.54	182.00
190	164.52	172.78	184.07
195	167.65	176.06	184.48
200	169.96	178.49	183.82
205	171.55	180.16	182.73
210	172.47	181.13	181.80
215	172.77	181.45	181.45
220	172.47	181.13	181.63
225	171.55	180.16	182.08
230	169.96	178.49	182.47
235	167.65	176.06	182.37
240	164.52	172.78	181.25
245	160.48	168.54	178.66
250	155.44	163.25	174.20
255	149.32	156.82	167.65
260	142.07	149.21	159.32
265	133.68	140.41	149.74
270	124.19	130.44	139.21
275	113.69	119.42	128.12
280	102.35	107.52	116.96
285	90.39	94.98	106.24
290	78.09	82.07	95.50
295	65.76	69.13	83.94
300	53.72	56.52	71.63
305	42.33	44.58	58.70
310	31.88	33.65	45.38
315	22.63	24.02	32.03
320	14.79	15.91	19.27
325	8.47	9.55	9.55
330	3.72	5.23	5.31
335	0.50	3.52	7.20
340	1.31	3.74	11.97
345	1.85	3.99	12.93
350	1.36	3.77	14.30
355	0.07	3.48	14.29

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission