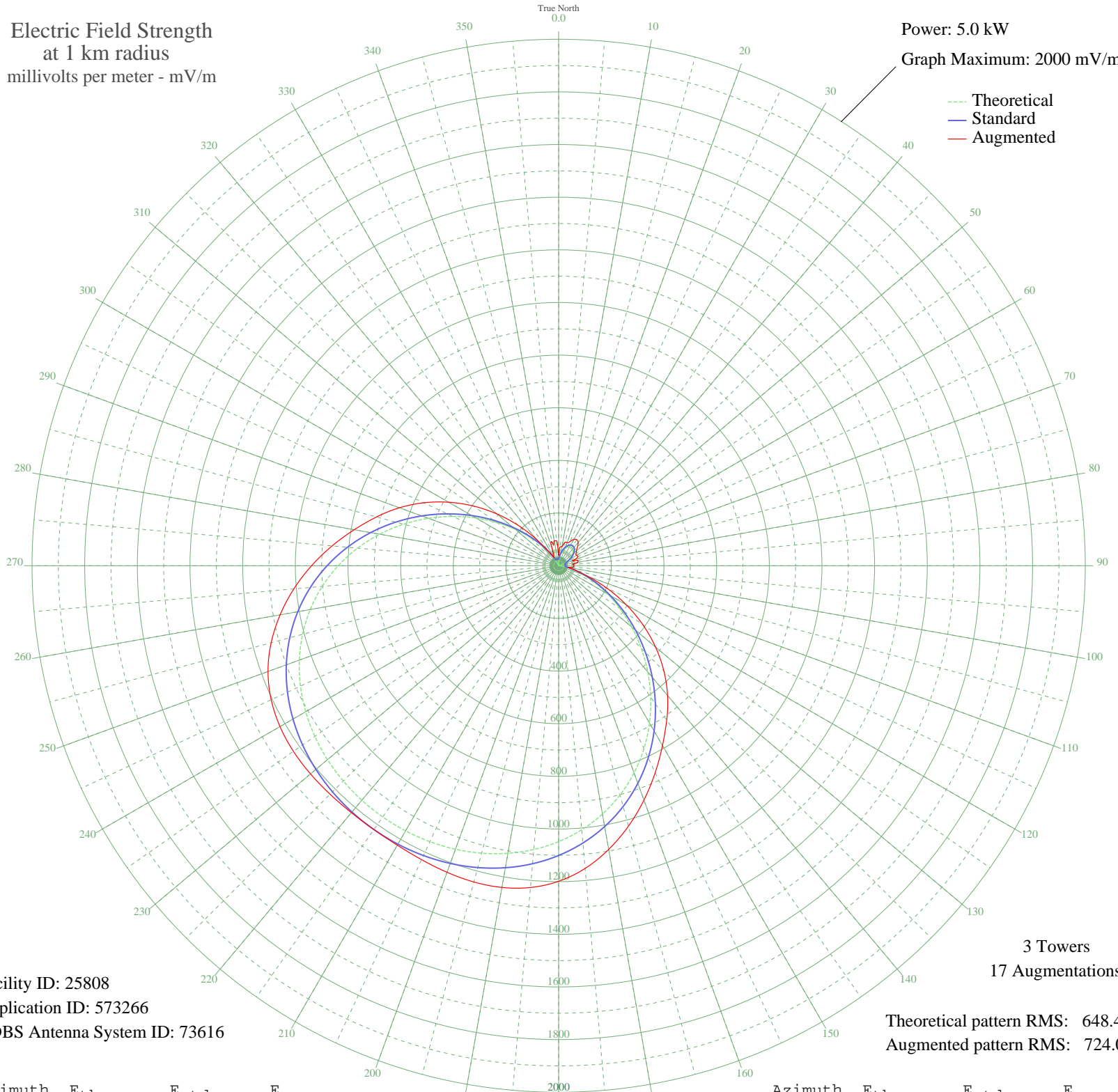


KFRM SALINA, KS BL-20010705AAX 550 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 25808
Application ID: 573266
CDBS Antenna System ID: 73616

3 Towers
17 Augmentations

Theoretical pattern RMS: 648.40
Augmented pattern RMS: 724.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	11.97	26.63	38.15
5	26.50	36.41	72.41
10	41.58	49.58	73.52
15	55.86	63.18	91.71
20	68.18	75.34	93.57
25	77.63	84.82	100.81
30	83.56	90.83	115.40
35	85.58	92.88	120.68
40	83.56	90.83	115.40
45	77.63	84.82	100.81
50	68.18	75.34	88.24
55	55.86	63.18	80.45
60	41.58	49.58	78.94
65	26.50	36.41	80.45
70	11.97	26.63	56.98
75	0.48	23.48	77.20
80	9.20	25.39	74.02
85	12.50	26.90	53.33
90	8.80	25.23	57.85
95	3.34	23.74	56.19
100	25.06	35.27	36.02
105	57.10	64.38	64.38
110	99.70	107.28	117.04
115	152.58	161.92	202.84
120	214.93	226.89	296.37
125	285.40	300.58	389.96
130	362.23	381.06	480.18
135	443.34	466.10	565.07
140	526.50	553.32	643.60
145	609.45	640.35	715.61
150	690.07	724.96	788.73
155	766.52	805.19	867.46
160	837.29	879.47	947.35
165	901.30	946.65	1024.16
170	957.87	1006.04	1094.22
175	1006.75	1057.35	1154.25

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1048.00	1100.66	1198.71
185	1081.98	1136.32	1227.00
190	1109.21	1164.91	1240.98
195	1130.31	1187.06	1243.76
200	1145.93	1203.45	1239.33
205	1156.62	1214.67	1232.02
210	1162.84	1221.20	1225.77
215	1164.88	1223.35	1223.35
220	1162.84	1221.20	1224.61
225	1156.62	1214.67	1227.64
230	1145.92	1203.45	1230.31
235	1130.31	1187.06	1229.60
240	1109.21	1164.91	1222.10
245	1081.98	1136.32	1204.61
250	1048.00	1100.65	1174.57
255	1006.75	1057.35	1130.41
260	957.87	1006.04	1074.24
265	901.30	946.65	1009.60
270	837.29	879.47	938.53
275	766.52	805.19	863.74
280	690.07	724.96	788.42
285	609.45	640.35	716.07
290	526.50	553.32	643.60
295	443.34	466.10	565.65
300	362.22	381.06	482.62
305	285.40	300.58	395.48
310	214.93	226.89	305.75
315	152.58	161.92	215.78
320	99.70	107.28	129.85
325	57.10	64.38	64.38
330	25.06	35.27	35.79
335	3.34	23.74	48.53
340	8.80	25.23	80.77
345	12.50	26.90	87.32
350	9.20	25.39	96.54
355	0.48	23.48	96.50

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission