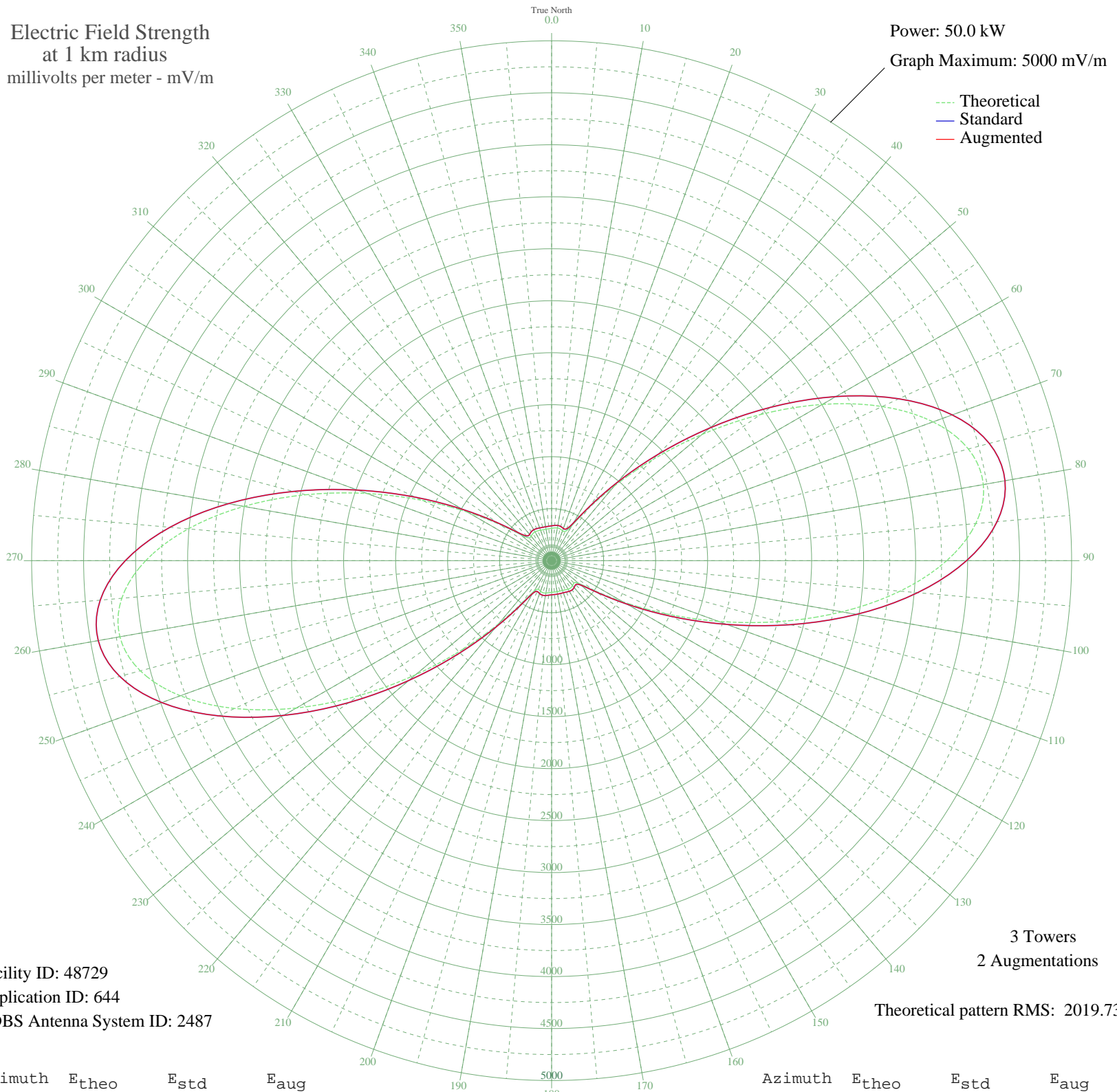


# KRMG TULSA, OK BL-14429 740 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 48729  
Application ID: 644  
CDBS Antenna System ID: 2487

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 2019.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	311.38	335.28	335.28
5	316.14	340.15	340.15
10	319.46	343.56	343.56
15	316.24	340.25	340.25
20	305.80	329.56	329.56
25	310.35	334.22	337.96
30	392.16	418.41	418.41
35	601.44	635.86	635.86
40	935.04	984.59	984.59
45	1372.97	1443.53	1443.53
50	1889.37	1985.23	1985.23
55	2448.74	2572.25	2572.25
60	3005.50	3156.65	3156.65
65	3507.69	3683.82	3683.82
70	3903.45	4099.30	4099.30
75	4148.85	4356.93	4356.93
80	4215.19	4426.57	4426.57
85	4094.09	4299.43	4299.43
90	3799.09	3989.74	3989.74
95	3363.35	3532.29	3532.29
100	2833.88	2976.50	2976.50
105	2264.05	2378.41	2378.41
110	1705.77	1792.60	1792.60
115	1203.50	1265.85	1265.85
120	791.62	834.51	834.51
125	496.69	526.78	526.78
130	339.59	364.22	364.22
135	303.11	326.81	326.81
140	312.67	336.59	336.59
145	319.46	343.55	343.55
150	316.27	340.28	340.28
155	309.49	333.34	333.34
160	304.80	328.54	328.54
165	303.26	326.96	326.96
170	303.11	326.81	326.81
175	303.26	326.96	326.96

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	304.80	328.54	328.54
185	309.49	333.34	333.34
190	316.27	340.28	340.28
195	319.46	343.55	343.55
200	312.67	336.59	336.59
205	303.11	326.81	326.81
210	339.59	364.22	364.22
215	496.69	526.78	526.78
220	791.62	834.51	834.51
225	1203.50	1265.85	1265.85
230	1705.77	1792.59	1792.59
235	2264.05	2378.41	2378.41
240	2833.88	2976.50	2976.50
245	3363.34	3532.29	3532.29
250	3799.09	3989.74	3989.74
255	4094.08	4299.43	4299.43
260	4215.19	4426.57	4426.57
265	4148.85	4356.93	4356.93
270	3903.46	4099.30	4099.30
275	3507.69	3683.83	3683.83
280	3005.50	3156.65	3156.65
285	2448.74	2572.25	2572.25
290	1889.37	1985.23	1985.23
295	1372.97	1443.53	1443.53
300	935.04	984.59	984.59
305	601.44	635.87	635.87
310	392.17	418.41	418.41
315	310.35	334.22	337.96
320	305.80	329.56	329.56
325	316.24	340.25	340.25
330	319.46	343.56	343.56
335	316.15	340.15	340.15
340	311.38	335.28	335.28
345	308.22	332.04	332.04
350	307.21	331.00	331.00
355	308.22	332.04	332.04

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