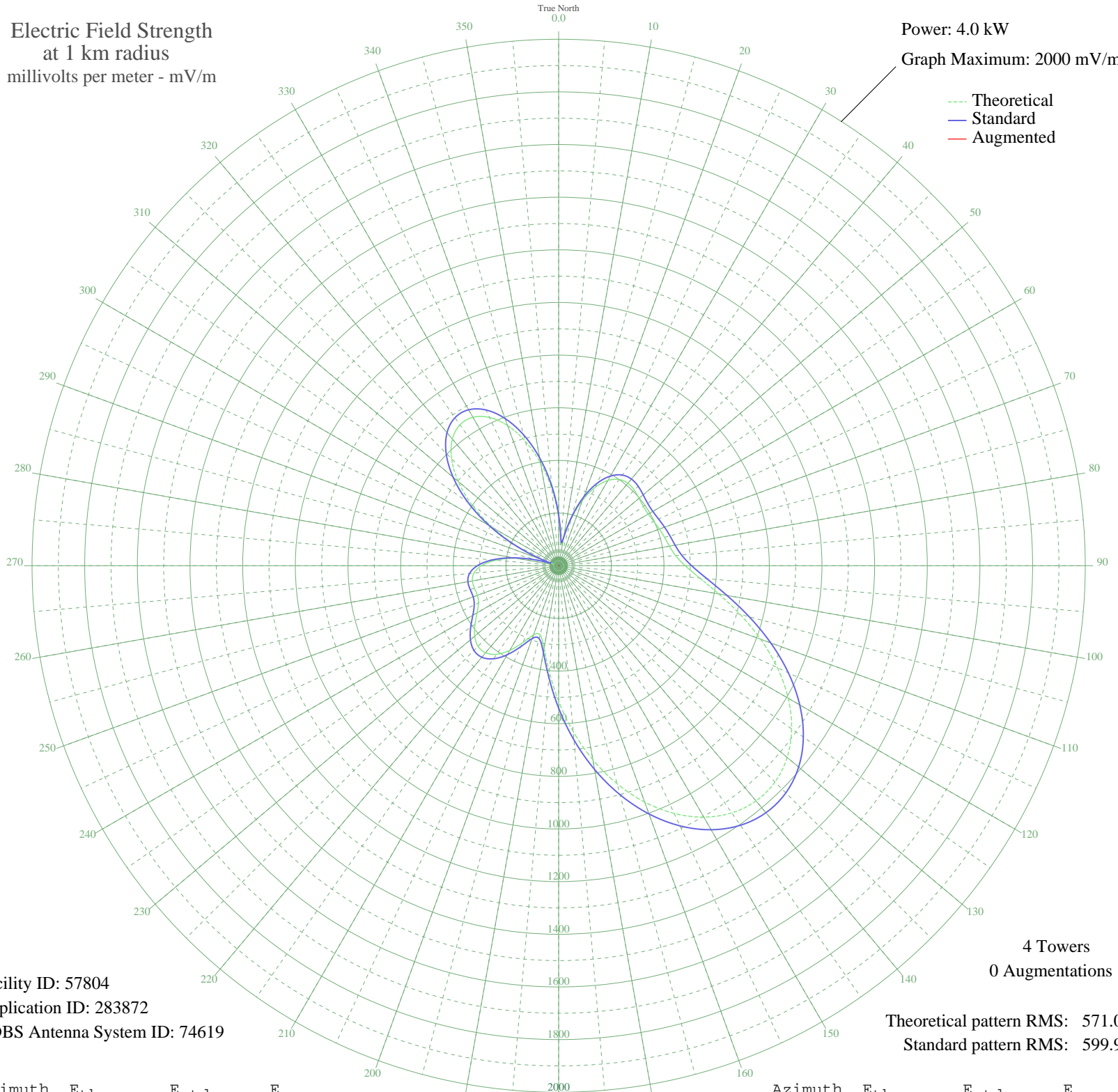


# KRTX ROSENBURG/RICHMOND, TX BL-19990415DC 980 kHz

Nighttime

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

Power: 4.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 57804  
Application ID: 283872  
CDBS Antenna System ID: 74619

4 Towers  
0 Augmentations

Theoretical pattern RMS: 571.00  
Standard pattern RMS: 599.92

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	182.90	193.19	
5	93.43	100.32	
10	102.38	109.53	
15	183.41	193.72	
20	263.56	277.54	
25	328.39	345.45	
30	373.94	393.20	
35	399.94	420.46	
40	408.98	429.94	
45	406.24	427.07	
50	398.59	419.04	
55	392.73	412.90	
60	392.71	412.88	
65	398.48	418.93	
70	407.16	428.03	
75	416.36	437.68	
80	427.29	449.14	
85	445.86	468.62	
90	480.66	505.13	
95	537.97	565.26	
100	617.62	648.84	
105	713.37	749.34	
110	816.11	857.18	
115	916.57	962.63	
120	1006.73	1057.27	
125	1080.33	1134.54	
130	1132.96	1189.80	
135	1161.98	1220.26	
140	1166.28	1224.77	
145	1146.09	1203.58	
150	1102.71	1158.04	
155	1038.26	1090.37	
160	955.45	1003.44	
165	857.52	900.64	
170	748.20	785.89	
175	631.98	663.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	514.74	540.89	
185	405.19	425.97	
190	317.52	334.05	
195	272.07	286.45	
200	279.63	294.36	
205	321.76	338.50	
210	371.12	390.24	
215	410.48	431.51	
220	431.76	453.83	
225	432.81	454.94	
230	416.04	437.35	
235	387.88	407.81	
240	357.92	376.40	
245	336.30	353.73	
250	328.43	345.49	
255	330.74	347.92	
260	332.74	350.00	
265	323.04	339.85	
270	293.50	308.89	
275	240.21	253.10	
280	163.41	172.86	
285	67.61	74.03	
290	52.13	58.63	
295	169.29	178.99	
300	288.70	303.86	
305	400.65	421.21	
310	498.07	523.40	
315	575.23	604.36	
320	627.91	659.64	
325	653.53	686.53	
330	651.17	684.05	
335	621.47	652.89	
340	566.57	595.27	
345	489.89	514.81	
350	396.04	416.38	
355	290.93	306.19	

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