KRTX ROSENBERG-RICHMOND, TX BP-20090401AUH 980 kHz

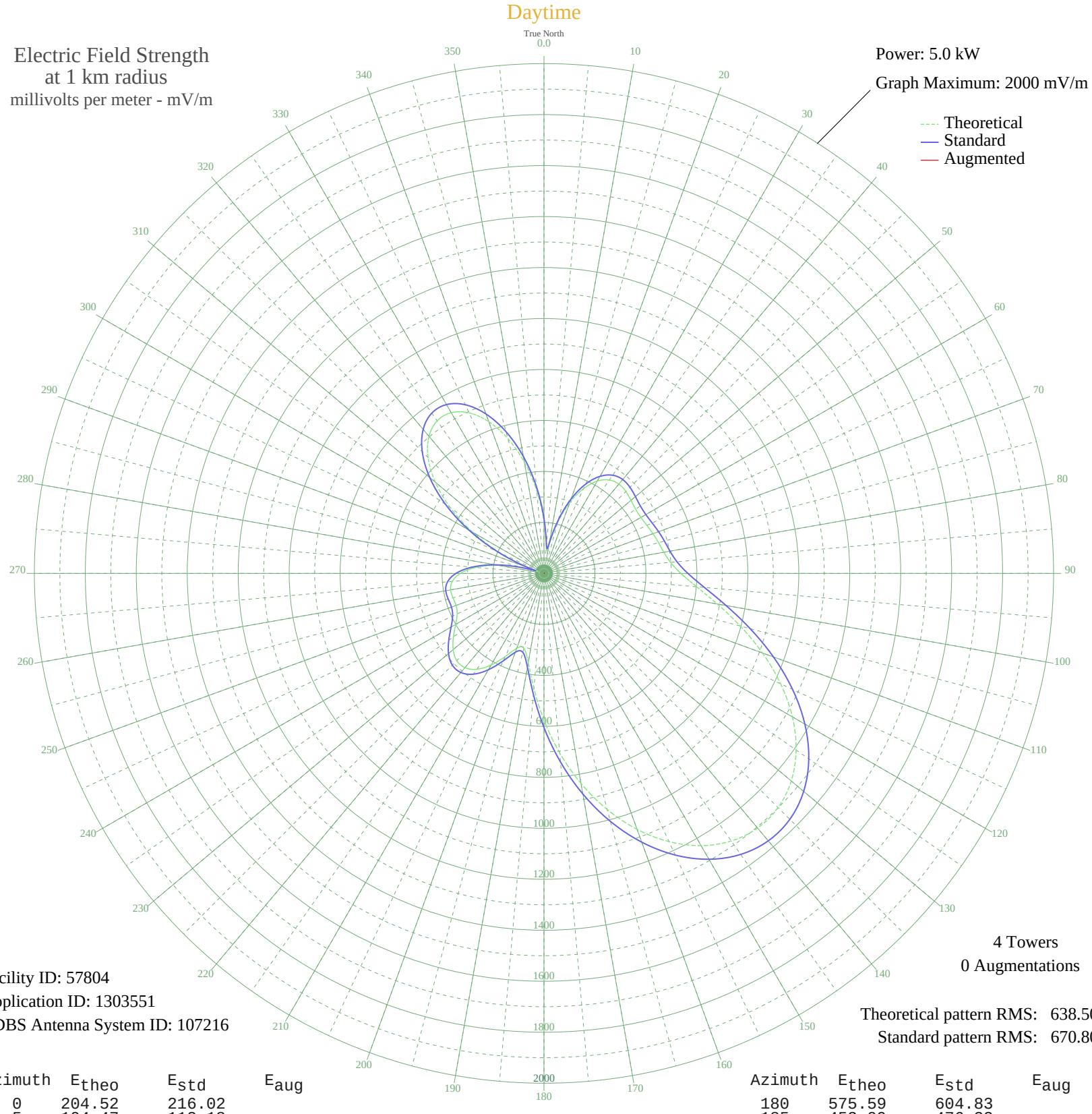
Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



4 Towers
0 Augmentations

Facility ID: 57804
Application ID: 1303551
CDBS Antenna System ID: 107216

Theoretical pattern RMS: 638.50
Standard pattern RMS: 670.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	204.52	216.02	
5	104.47	112.18	
10	114.48	122.48	
15	205.09	216.62	
20	294.72	310.34	
25	367.21	386.28	
30	418.15	439.68	
35	447.22	470.17	
40	457.33	480.77	
45	454.26	477.55	
50	445.71	468.58	
55	439.16	461.71	
60	439.14	461.69	
65	445.58	468.45	
70	455.29	478.63	
75	465.58	489.42	
80	477.80	502.24	
85	498.57	524.02	
90	537.49	564.85	
95	601.57	632.08	
100	690.63	725.54	
105	797.71	837.92	
110	912.59	958.51	
115	1024.92	1076.42	
120	1125.74	1182.26	
125	1208.04	1268.66	
130	1266.90	1330.45	
135	1299.34	1364.51	
140	1304.15	1369.56	
145	1281.58	1345.86	
150	1233.07	1294.94	
155	1160.99	1219.27	
160	1068.40	1122.06	
165	958.89	1007.10	
170	836.64	878.79	
175	706.69	742.39	
180	575.59	604.83	
185	453.09	476.33	
190	355.05	373.54	
195	304.24	320.31	
200	312.68	329.15	
205	359.80	378.52	
210	414.99	436.38	
215	459.00	482.52	
220	482.80	507.48	
225	483.98	508.72	
230	465.22	489.05	
235	433.73	456.02	
240	400.23	420.90	
245	376.05	395.55	
250	367.26	386.33	
255	369.84	389.04	
260	372.07	391.38	
265	361.23	380.02	
270	328.19	345.40	
275	268.61	283.01	
280	182.73	193.30	
285	75.60	82.78	
290	58.29	65.56	
295	189.30	200.15	
300	322.83	339.78	
305	448.02	471.00	
310	556.95	585.27	
315	643.23	675.80	
320	702.14	737.62	
325	730.79	767.69	
330	728.14	764.91	
335	694.94	730.07	
340	633.55	665.64	
345	547.80	575.67	
350	442.86	465.60	
355	325.32	342.39	

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.

31 Aug 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission