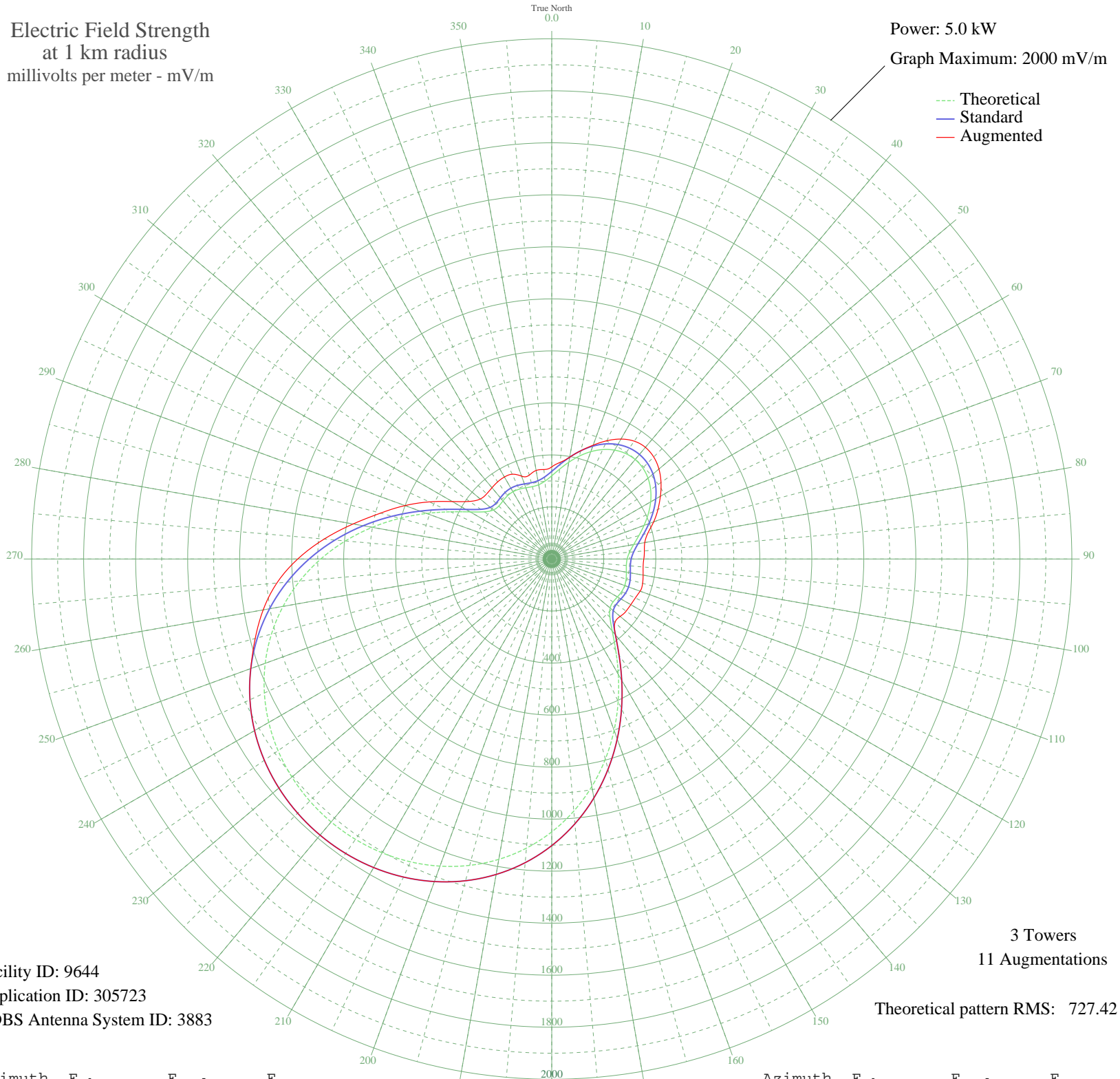


# KPRC HOUSTON, TX BL-- 950 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 9644  
Application ID: 305723  
CDBS Antenna System ID: 3883

3 Towers  
11 Augmentations  
Theoretical pattern RMS: 727.42

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	319.86	336.82	354.06
5	346.70	364.93	373.00
10	377.70	397.40	397.40
15	409.47	430.70	430.70
20	439.09	461.75	465.73
25	464.25	488.13	501.61
30	483.30	508.10	532.41
35	495.14	520.52	553.07
40	499.15	524.73	560.34
45	495.14	520.52	554.59
50	483.30	508.10	538.07
55	464.25	488.13	512.94
60	439.09	461.75	482.47
65	409.47	430.70	450.62
70	377.70	397.40	416.90
75	346.70	364.93	382.42
80	319.86	336.82	363.27
85	300.35	316.40	357.46
90	289.94	305.50	354.06
95	287.97	303.44	352.73
100	291.39	307.03	356.79
105	296.07	311.92	361.79
110	298.42	314.37	361.72
115	296.62	312.50	354.60
120	291.63	307.27	351.10
125	287.84	303.31	349.31
130	293.12	308.83	343.36
135	316.24	333.03	344.12
140	362.07	381.02	381.02
145	429.14	451.31	451.31
150	512.01	538.22	538.22
155	604.44	635.18	635.18
160	700.82	736.30	736.30
165	796.57	836.78	836.78
170	888.14	932.89	932.89
175	972.92	1021.89	1021.89

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1049.16	1101.91	1101.91
185	1115.84	1171.91	1171.91
190	1172.55	1231.44	1231.44
195	1219.33	1280.55	1280.55
200	1256.53	1319.61	1319.61
205	1284.67	1349.15	1349.15
210	1304.29	1369.75	1369.75
215	1315.86	1381.88	1381.88
220	1319.67	1385.89	1385.89
225	1315.86	1381.88	1381.88
230	1304.29	1369.75	1369.75
235	1284.67	1349.15	1349.15
240	1256.53	1319.61	1319.61
245	1219.33	1280.55	1280.55
250	1172.55	1231.44	1231.69
255	1115.84	1171.91	1180.57
260	1049.16	1101.91	1126.77
265	972.92	1021.88	1061.20
270	888.14	932.89	976.81
275	796.57	836.78	878.66
280	700.82	736.30	775.68
285	604.44	635.17	681.47
290	512.01	538.22	600.46
295	429.13	451.31	519.52
300	362.06	381.02	441.83
305	316.24	333.03	385.91
310	293.12	308.83	358.76
315	287.84	303.31	354.06
320	291.63	307.27	357.54
325	296.62	312.50	362.23
330	298.42	314.37	363.99
335	296.07	311.92	359.59
340	291.39	307.03	338.89
345	287.97	303.44	333.90
350	289.94	305.50	345.65
355	300.35	316.40	345.15