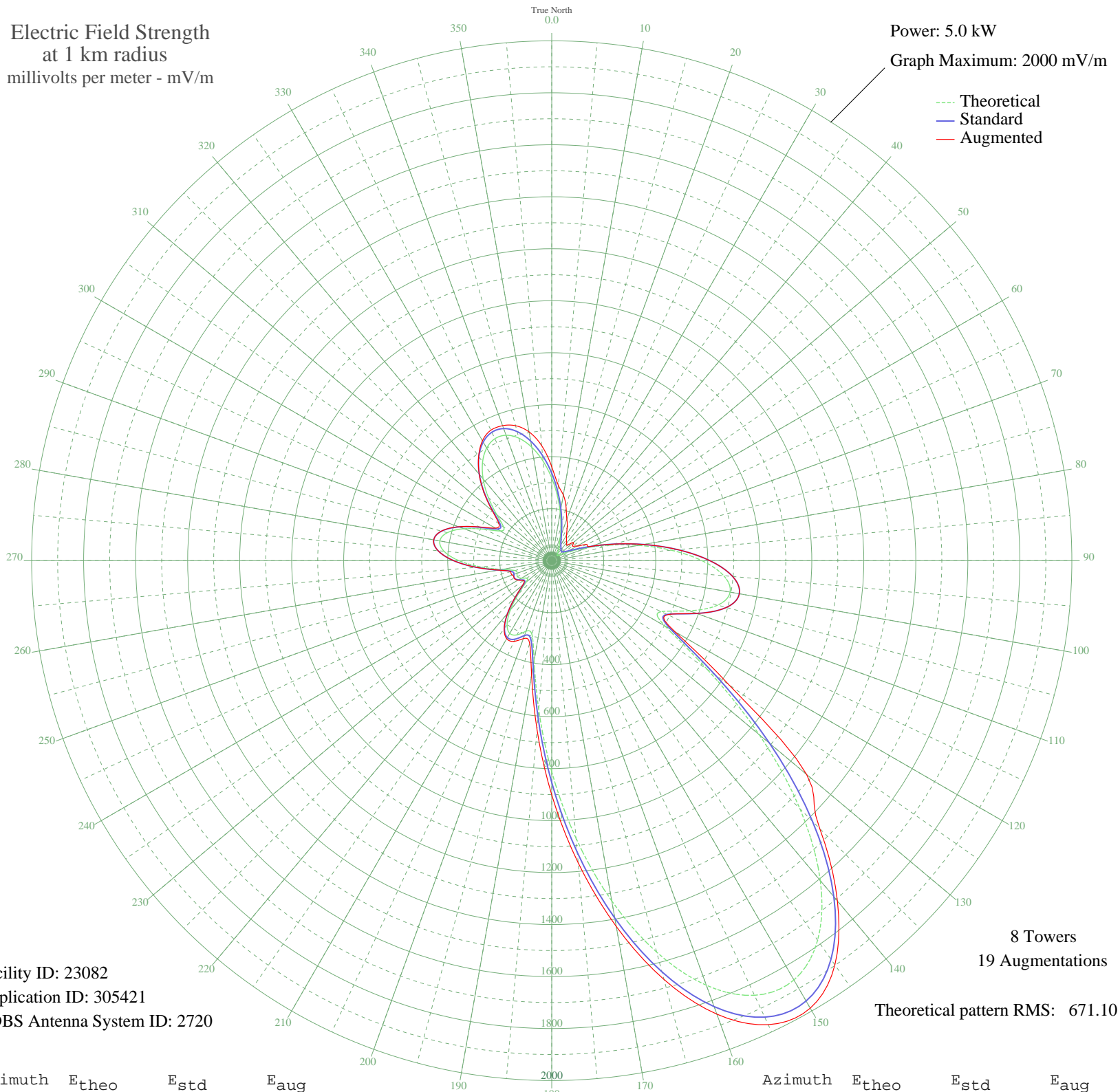


# KBME HOUSTON, TX BL-- 790 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 23082  
Application ID: 305421  
CDBS Antenna System ID: 2720

8 Towers  
19 Augmentations

Theoretical pattern RMS: 671.10

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	317.93	336.50	361.41
5	250.32	266.22	291.08
10	187.91	201.79	256.55
15	135.44	148.37	212.84
20	95.68	109.02	169.78
25	69.08	83.98	140.28
30	53.12	70.01	114.03
35	42.93	61.83	98.77
40	34.55	55.74	89.29
45	28.32	51.72	83.13
50	29.71	52.57	108.57
55	41.06	60.41	97.51
60	60.51	76.34	111.98
65	92.78	106.21	147.72
70	147.61	160.67	160.67
75	230.82	246.02	246.02
80	339.48	358.96	358.96
85	461.71	486.64	486.64
90	577.93	608.30	608.30
95	663.99	698.48	698.48
100	696.57	732.62	732.62
105	660.98	695.31	695.31
110	563.98	593.68	593.68
115	463.96	488.99	491.47
120	502.77	529.60	547.70
125	731.16	768.88	830.23
130	1041.55	1094.45	1279.24
135	1349.73	1417.85	1457.40
140	1606.65	1687.52	1709.01
145	1782.56	1872.17	1898.28
150	1862.62	1956.21	1987.95
155	1844.93	1937.64	1969.59
160	1738.28	1825.68	1856.57
165	1559.23	1637.74	1668.14
170	1329.20	1396.30	1428.98
175	1071.94	1126.33	1166.91

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	811.97	853.61	901.00
185	574.77	604.99	651.20
190	390.18	411.86	446.25
195	293.97	311.56	328.56
200	288.98	306.37	319.27
205	314.76	333.19	342.43
210	322.95	341.73	346.72
215	299.41	317.22	318.75
220	247.87	263.68	263.88
225	182.60	196.35	197.46
230	128.92	141.82	144.53
235	116.92	129.86	133.17
240	134.59	147.51	149.73
245	145.52	158.55	159.46
250	141.50	154.48	161.78
255	146.85	159.89	163.62
260	194.67	208.74	208.74
265	275.04	291.88	291.88
270	356.95	377.18	377.18
275	415.90	438.74	438.74
280	437.01	460.81	460.81
285	415.87	438.71	439.17
290	359.22	379.55	381.45
295	285.66	302.92	307.28
300	228.25	243.37	250.45
305	225.87	240.91	248.23
310	276.50	293.39	298.25
315	345.22	364.94	367.26
320	410.47	433.07	433.73
325	463.58	488.60	490.19
330	500.31	527.02	532.86
335	517.60	545.12	553.92
340	513.49	540.82	552.72
345	487.91	514.05	537.60
350	443.33	467.42	503.14
355	384.55	405.99	444.23