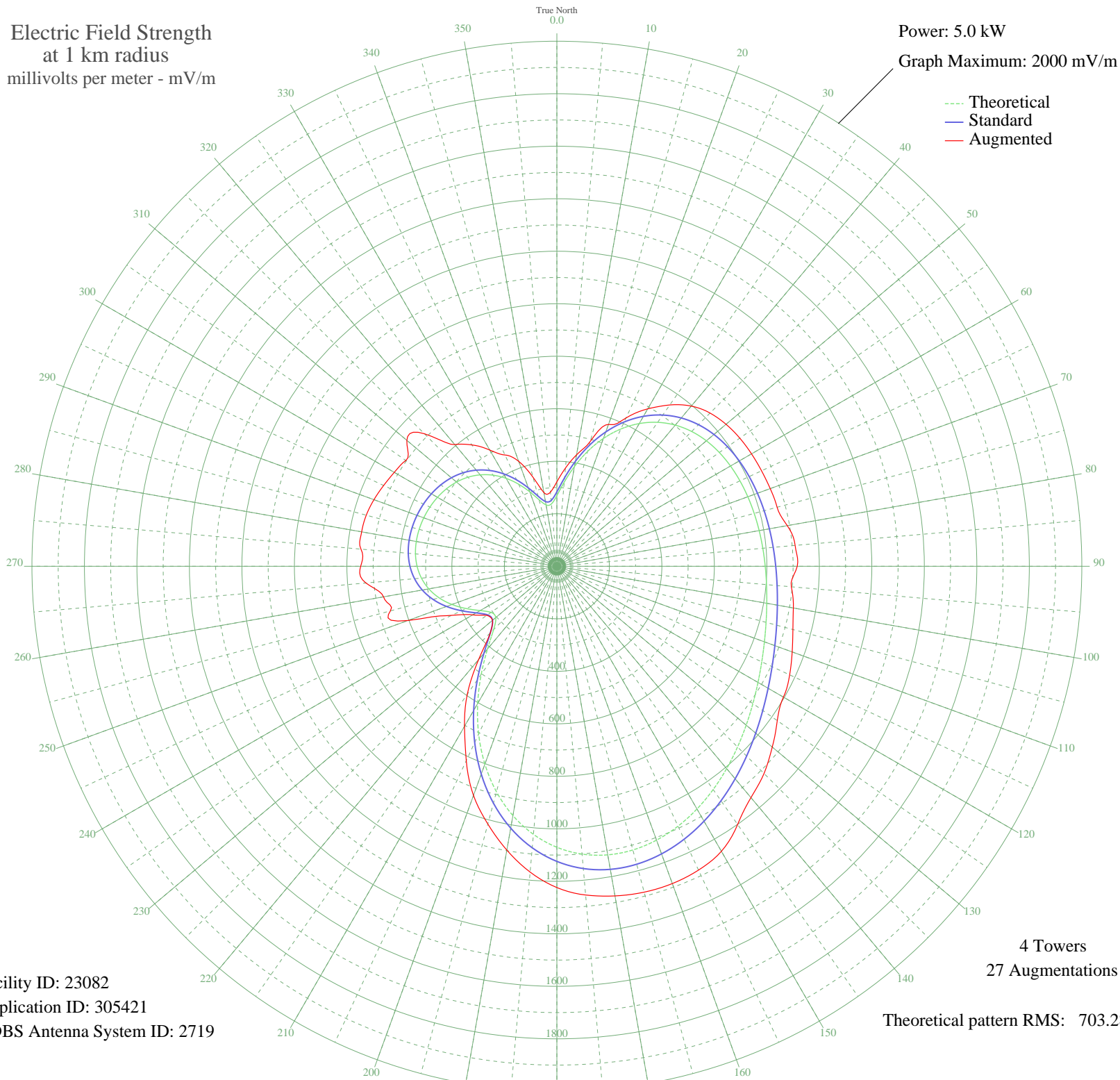


# KBME HOUSTON, TX BL-- 790 kHz

Daytime

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: 2719

4 Towers  
27 Augmentations  
Theoretical pattern RMS: 703.28

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	269.01	283.44	321.64
5	321.77	338.67	375.50
10	385.93	405.91	430.78
15	453.22	476.46	492.89
20	518.09	544.50	575.03
25	576.96	606.26	623.34
30	627.68	659.49	692.33
35	669.32	703.18	750.17
40	701.89	737.35	796.56
45	726.19	762.86	825.37
50	743.56	781.09	841.36
55	755.57	793.69	850.84
60	763.79	802.33	856.35
65	769.63	808.45	860.43
70	774.19	813.24	865.01
75	778.31	817.56	868.62
80	782.61	822.07	891.33
85	787.62	827.34	911.19
90	793.86	833.88	915.76
95	801.83	842.25	896.68
100	812.09	853.01	914.90
105	825.15	866.73	930.99
110	841.47	883.85	954.05
115	861.33	904.70	978.59
120	884.82	929.35	996.69
125	911.73	957.61	1025.08
130	941.56	988.92	1071.24
135	973.45	1022.39	1116.23
140	1006.17	1056.74	1150.31
145	1038.16	1090.32	1200.60
150	1067.57	1121.19	1253.63
155	1092.30	1147.15	1276.92
160	1110.12	1165.86	1286.16
165	1118.79	1174.97	1285.08
170	1116.21	1172.25	1275.01
175	1100.53	1155.79	1256.96

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1070.37	1124.14	1223.80
185	1024.98	1076.48	1169.30
190	964.34	1012.82	1097.83
195	889.36	934.12	1016.38
200	801.95	842.38	928.82
205	705.18	740.81	816.82
210	603.40	634.01	703.90
215	502.62	528.27	595.08
220	411.21	432.40	463.97
225	340.68	358.48	358.48
230	303.98	320.04	320.31
235	306.27	322.44	326.13
240	337.39	355.03	370.15
245	381.06	400.80	442.29
250	425.48	447.37	603.95
255	464.45	488.24	656.76
260	495.40	520.70	670.61
265	517.89	544.29	730.45
270	532.60	559.72	747.48
275	540.79	568.31	749.27
280	543.89	571.57	755.23
285	543.19	570.83	751.83
290	539.61	567.08	741.66
295	533.64	560.81	728.23
300	525.25	552.01	715.40
305	513.97	540.18	702.49
310	499.04	524.52	746.23
315	479.52	504.04	713.94
320	454.55	477.85	605.08
325	423.59	445.38	564.20
330	386.70	406.72	511.09
335	345.05	363.06	467.70
340	301.59	317.54	425.39
345	262.32	276.43	350.99
350	237.37	250.34	285.18
355	238.35	251.37	283.31