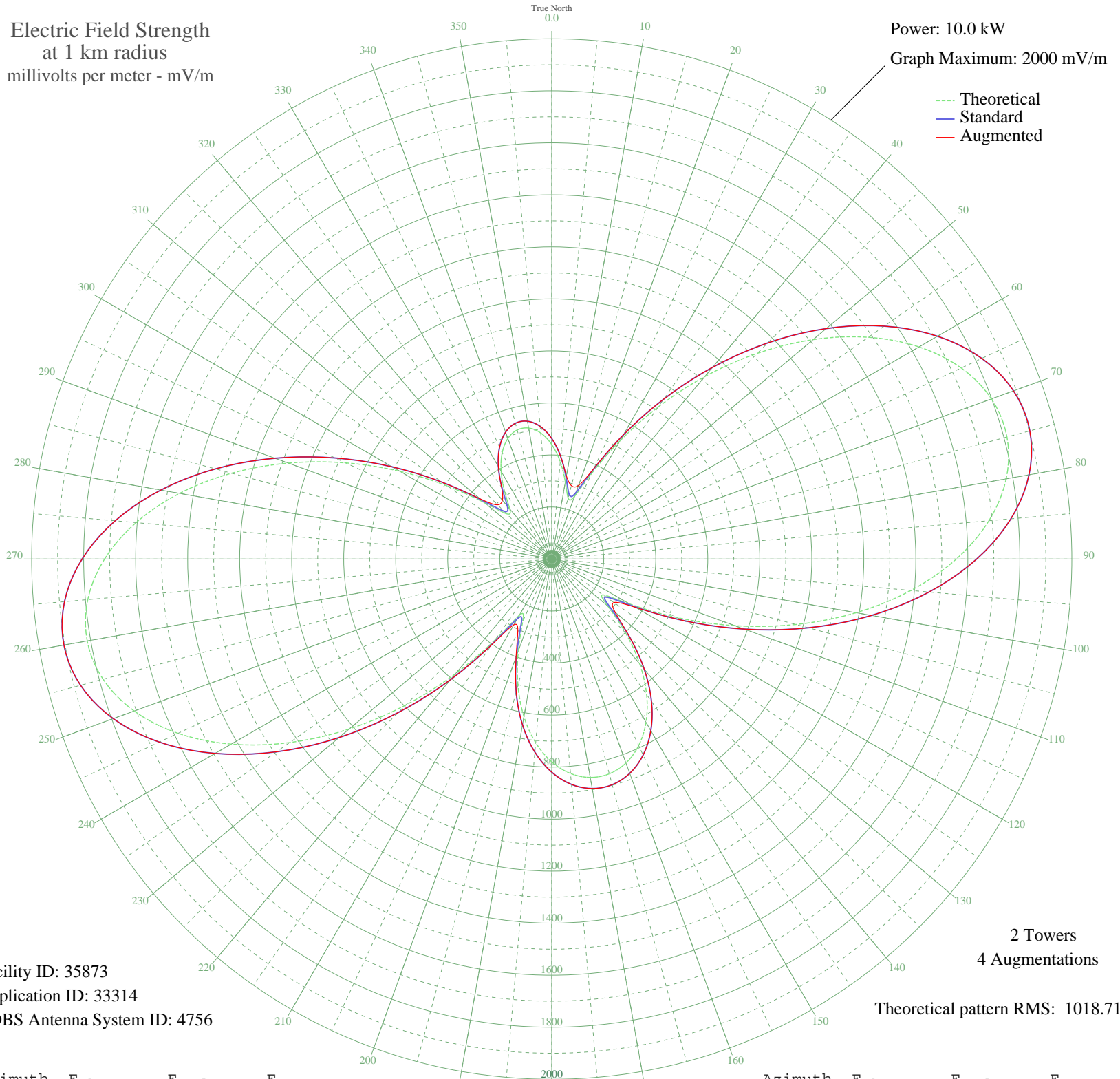


# KWAM MEMPHIS, TN BL-19810817AA 990 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 35873  
Application ID: 33314  
CDBS Antenna System ID: 4756

2 Towers  
4 Augmentations  
Theoretical pattern RMS: 1018.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	440.01	463.25	463.25
5	375.16	395.38	395.38
10	300.75	317.61	324.36
15	242.93	257.33	291.95
20	256.49	271.45	300.63
25	362.41	382.04	384.66
30	524.01	551.26	551.26
35	713.37	749.81	749.81
40	915.26	961.62	961.62
45	1118.32	1174.72	1174.72
50	1312.02	1378.04	1378.04
55	1486.10	1560.77	1560.77
60	1630.81	1712.68	1712.68
65	1737.54	1824.73	1824.73
70	1799.50	1889.78	1889.78
75	1812.33	1903.25	1903.25
80	1774.52	1863.56	1863.56
85	1687.61	1772.31	1772.31
90	1556.03	1634.19	1634.19
95	1386.78	1456.52	1456.52
100	1188.83	1248.73	1248.73
105	972.57	1021.76	1021.76
110	749.51	787.72	787.72
115	533.27	560.97	560.97
120	345.50	364.36	371.51
125	239.88	254.15	291.55
130	282.06	298.10	318.14
135	401.29	422.72	422.72
140	526.23	553.59	553.59
145	636.09	668.76	668.76
150	724.99	762.00	762.00
155	791.22	831.48	831.48
160	834.49	876.88	876.88
165	854.93	898.31	898.31
170	852.66	895.94	895.94
175	827.67	869.72	869.72

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 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	779.81	819.51	819.51
185	709.00	745.22	745.22
190	615.70	647.38	647.38
195	502.12	528.32	528.32
200	375.77	396.02	401.00
205	263.79	279.05	308.69
210	249.95	264.64	292.10
215	379.00	399.40	401.70
220	575.16	604.87	604.87
225	794.07	834.46	834.46
230	1016.75	1068.13	1068.13
235	1230.23	1292.19	1292.19
240	1423.24	1494.79	1494.79
245	1585.62	1665.24	1665.24
250	1708.75	1794.50	1794.50
255	1786.10	1875.72	1875.72
260	1813.81	1904.80	1904.80
265	1790.94	1880.79	1880.79
270	1719.59	1805.89	1805.89
275	1604.65	1685.22	1685.22
280	1453.33	1526.38	1526.38
285	1274.53	1338.68	1338.68
290	1078.12	1132.54	1132.54
295	874.44	918.79	918.79
300	674.10	708.62	708.62
305	488.84	514.41	514.41
310	335.51	353.92	359.99
315	245.74	260.25	294.53
320	250.79	265.51	295.28
325	315.55	333.07	336.07
330	389.32	410.20	410.20
335	450.91	474.67	474.67
340	493.16	518.93	518.93
345	513.56	540.30	540.30
350	511.28	537.92	537.92
355	486.42	511.86	511.86