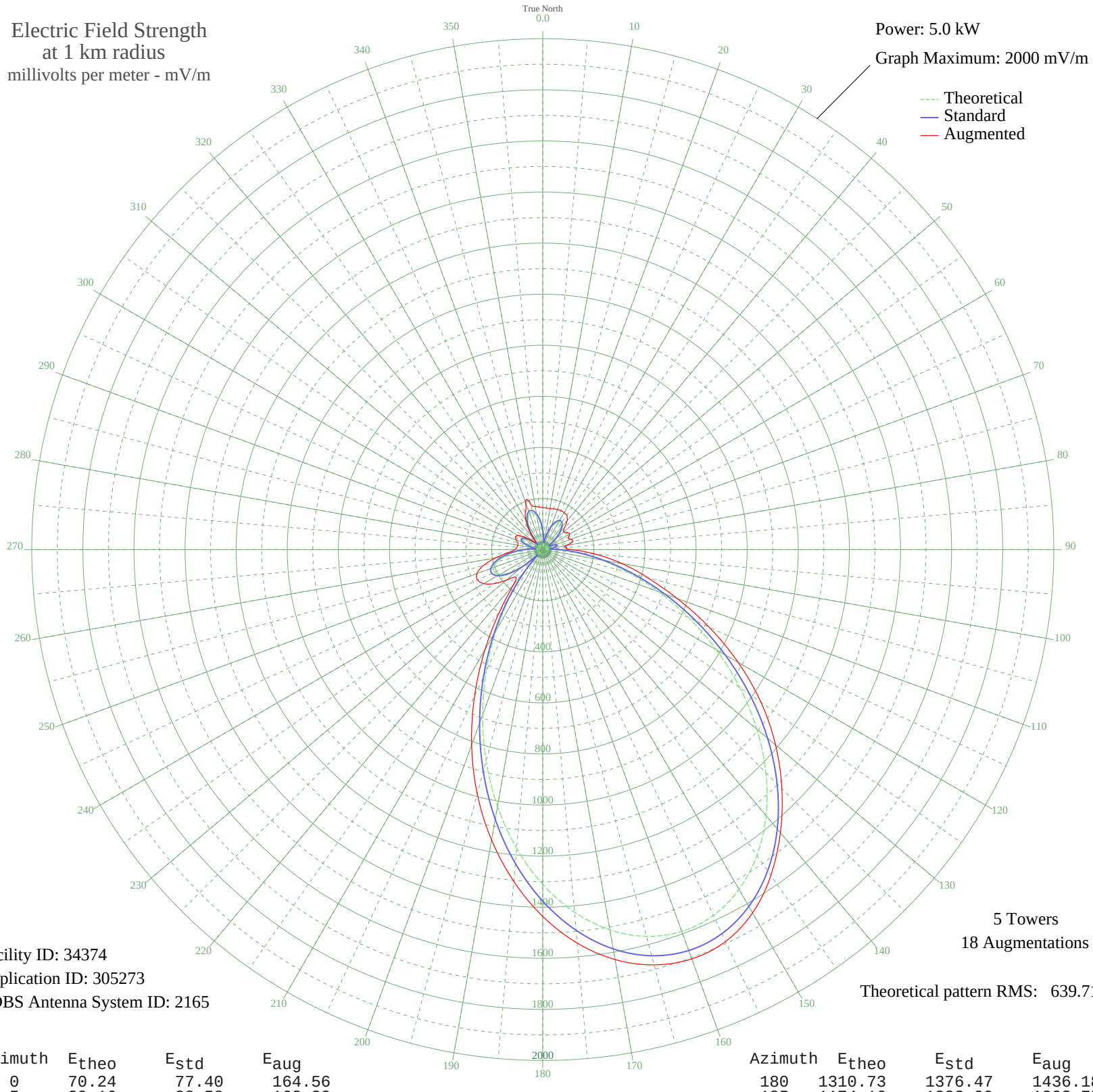
WMFS MEMPHIS, TN BL-- 680 kHz

Nighttime



Facility ID: 34374
Application ID: 305273
CDBS Antenna System ID: 2165

5 Towers
18 Augmentations

Theoretical pattern RMS: 639.71

Azimuth	E_{theo}	E_{std}	E_{aug}
0	70.24	77.40	164.56
5	29.16	38.58	163.23
10	19.24	30.97	163.07
15	57.24	64.52	164.84
20	89.86	97.23	167.07
25	112.57	120.51	168.06
30	123.44	131.73	167.20
35	121.98	130.21	163.84
40	109.03	116.86	147.93
45	86.64	93.95	119.67
50	57.92	65.19	107.07
55	27.18	36.96	116.24
60	11.83	26.56	121.17
65	32.38	41.31	109.08
70	47.29	54.92	117.26
75	49.26	56.80	122.06
80	35.03	43.63	91.76
85	10.48	25.93	94.74
90	56.62	63.92	111.13
95	132.82	141.43	208.30
100	230.69	243.36	314.74
105	348.27	366.44	425.38
110	482.65	507.32	559.73
115	629.77	661.68	718.38
120	784.60	824.16	883.08
125	941.32	988.66	1042.73
130	1093.64	1148.56	1189.18
135	1235.13	1297.10	1323.49
140	1359.62	1427.80	1446.78
145	1461.51	1534.77	1556.73
150	1536.11	1613.08	1642.29
155	1579.87	1659.03	1692.79
160	1590.62	1670.32	1705.30
165	1567.61	1646.16	1683.34
170	1511.60	1587.35	1629.70
175	1424.79	1496.21	1546.27

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_{theo}	E_{std}	E_{aug}
180	1310.73	1376.47	1436.18
185	1174.16	1233.09	1303.75
190	1020.68	1071.97	1154.33
195	856.54	899.68	990.59
200	688.26	723.05	814.24
205	522.24	548.85	631.31
210	364.46	383.40	452.47
215	220.17	232.37	290.73
220	93.80	101.25	175.99
225	16.46	29.15	151.29
230	96.53	104.04	185.32
235	156.19	165.67	232.06
240	193.06	204.07	266.34
245	208.46	220.14	281.48
250	204.69	216.20	274.07
255	184.78	195.44	240.72
260	152.36	161.69	188.16
265	111.47	119.38	135.82
270	66.54	73.70	109.54
275	23.00	33.68	101.24
280	23.06	33.72	99.70
285	54.76	62.11	101.15
290	76.87	84.06	110.54
295	86.42	93.73	117.24
300	82.55	89.80	109.95
305	65.84	73.01	82.08
310	38.50	46.75	48.28
315	10.51	25.94	39.95
320	40.03	48.15	52.11
325	78.53	85.74	94.12
330	112.35	120.28	132.76
335	137.12	145.88	161.15
340	149.79	159.02	196.03
345	148.70	157.89	186.53
350	133.80	142.44	171.47
355	106.66	114.42	167.45