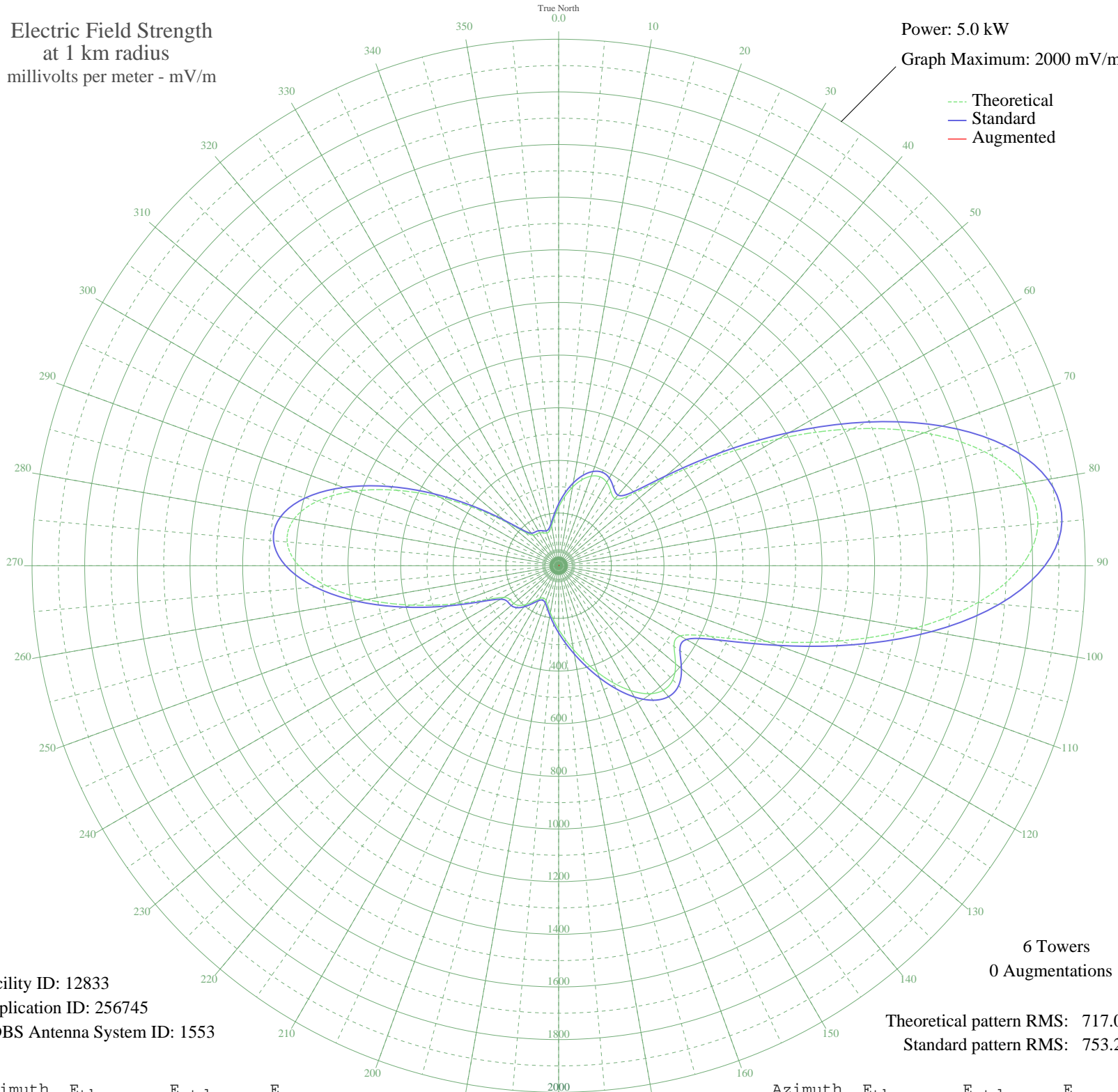


# WMYM MIAMI, FL BL-19971112KA 990 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 12833  
Application ID: 256745  
CDBS Antenna System ID: 1553

6 Towers  
0 Augmentations

Theoretical pattern RMS: 717.00  
Standard pattern RMS: 753.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	222.67	235.05	
5	263.49	277.72	
10	303.08	319.16	
15	337.44	355.14	
20	362.08	380.96	
25	372.44	391.81	
30	365.59	384.63	
35	345.25	363.32	
40	332.68	350.16	
45	374.30	393.77	
50	504.95	530.75	
55	712.01	748.01	
60	964.23	1012.73	
65	1229.71	1291.42	
70	1476.65	1550.67	
75	1674.46	1758.35	
80	1797.10	1887.11	
85	1827.03	1918.53	
90	1758.55	1846.64	
95	1599.41	1679.55	
100	1370.46	1439.19	
105	1103.94	1159.39	
110	841.74	884.16	
115	635.01	667.20	
120	533.08	560.26	
125	535.17	562.45	
130	579.29	608.73	
135	613.25	644.37	
140	617.99	649.34	
145	593.53	623.68	
150	547.79	575.69	
155	490.59	515.69	
160	430.58	452.76	
165	373.74	393.18	
170	323.11	340.13	
175	279.34	294.30	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	241.73	254.97	
185	209.24	221.04	
190	181.14	191.74	
195	157.64	167.29	
200	140.83	149.84	
205	135.09	143.91	
210	144.25	153.39	
215	166.04	176.02	
220	192.16	203.21	
225	213.12	225.08	
230	222.81	235.20	
235	224.76	237.24	
240	241.09	254.31	
245	304.92	321.08	
250	424.11	445.97	
255	578.18	607.57	
260	740.00	777.38	
265	883.65	928.15	
270	987.11	1036.75	
275	1035.01	1087.04	
280	1020.88	1072.20	
285	947.86	995.55	
290	827.65	869.37	
295	677.99	712.30	
300	519.34	545.84	
305	371.93	391.27	
310	253.99	267.79	
315	180.11	190.66	
320	151.62	161.03	
325	146.95	156.19	
330	144.24	153.38	
335	137.68	146.58	
340	132.11	140.82	
345	135.93	144.77	
350	154.06	163.57	
355	184.64	195.38	

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.

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31 Aug 2008

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission