

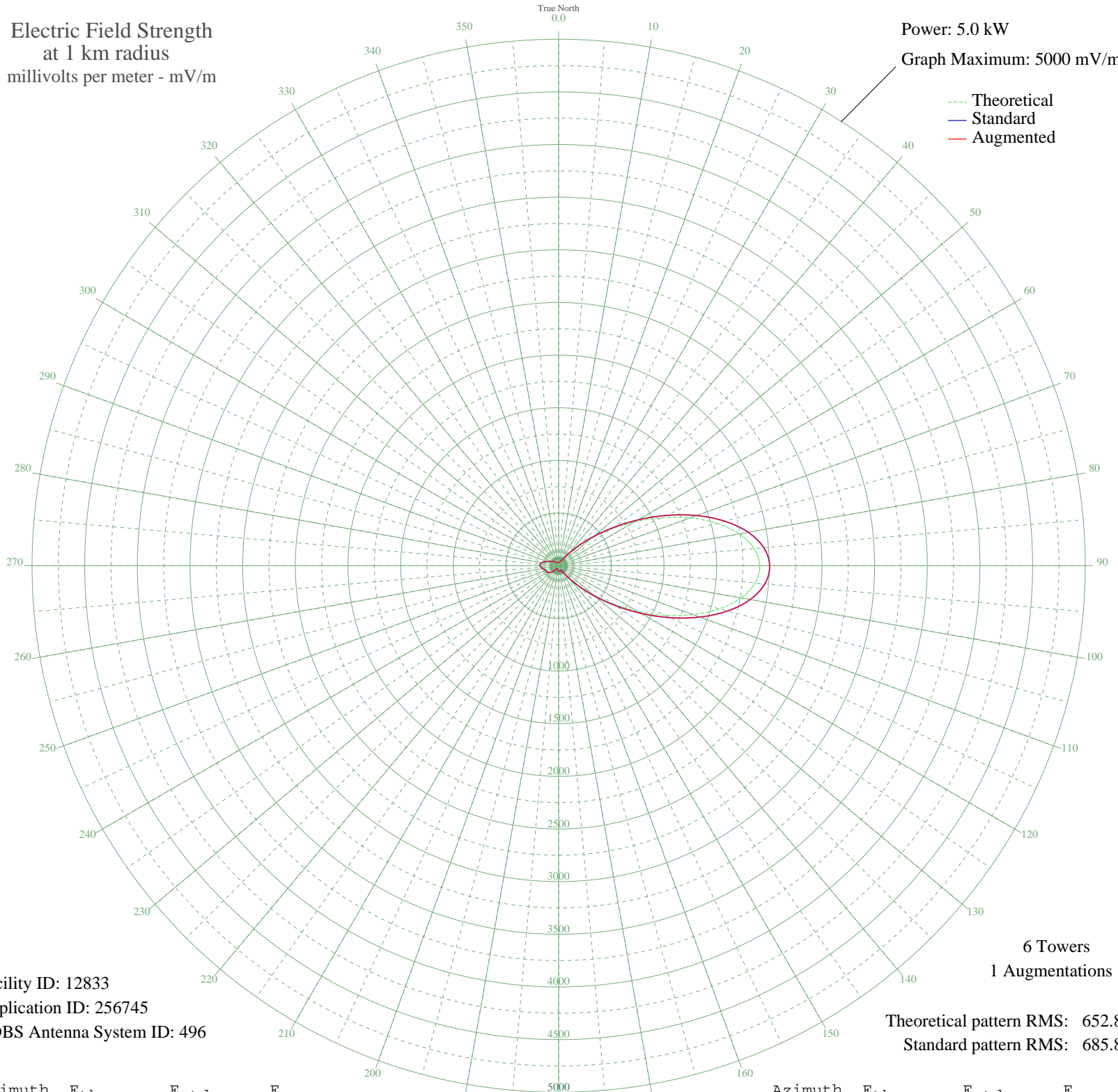
WMYM MIAMI, FL BL-19971112KA 990 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 12833
Application ID: 256745
CDBS Antenna System ID: 496

6 Towers
1 Augmentations

Theoretical pattern RMS: 652.80
Standard pattern RMS: 685.84

Azimuth	E _{theo}	E _{std}	E _{aug}
0	19.36	31.06	31.06
5	20.65	31.96	31.96
10	22.50	33.31	33.31
15	27.21	36.98	36.98
20	34.64	43.29	43.29
25	42.81	50.71	50.71
30	54.57	61.93	61.93
35	84.41	91.68	91.68
40	148.90	158.10	158.10
45	255.71	269.52	269.52
50	407.04	428.04	428.04
55	600.64	631.11	631.11
60	828.67	870.42	870.42
65	1077.18	1131.28	1131.28
70	1327.01	1393.55	1393.55
75	1555.76	1633.71	1633.71
80	1740.80	1827.99	1827.99
85	1862.65	1955.92	1955.92
90	1908.02	2003.55	2003.55
95	1872.01	1965.75	1965.75
100	1758.88	1846.98	1846.98
105	1581.22	1660.45	1660.45
110	1357.84	1425.93	1425.93
115	1110.74	1166.52	1166.52
120	861.85	905.25	905.25
125	630.13	662.06	662.06
130	429.58	451.67	451.67
135	268.26	282.65	282.65
140	148.59	157.78	157.78
145	68.93	76.09	76.27
150	29.37	38.76	59.72
155	30.22	39.47	56.37
160	38.25	46.52	46.52
165	42.58	50.50	50.50
170	44.74	52.52	52.52
175	45.26	53.01	53.01

Azimuth	E _{theo}	E _{std}	E _{aug}
180	43.72	51.56	51.56
185	40.06	48.17	48.17
190	35.01	43.62	43.62
195	29.39	38.77	38.77
200	23.14	33.79	33.79
205	15.74	28.71	28.71
210	12.38	26.84	26.84
215	25.16	35.34	35.34
220	46.32	54.01	54.01
225	69.65	76.81	76.81
230	91.01	98.41	98.41
235	107.02	114.80	114.80
240	116.09	124.13	124.13
245	119.76	127.93	127.93
250	122.97	131.24	131.24
255	131.17	139.71	139.71
260	145.12	154.17	154.17
265	159.71	169.33	169.33
270	168.25	178.21	178.21
275	166.38	176.26	176.26
280	153.51	162.89	162.89
285	132.66	141.26	141.26
290	109.18	117.02	117.02
295	88.70	96.05	96.05
300	74.15	81.32	81.32
305	63.98	71.16	71.16
310	54.48	61.83	61.83
315	43.68	51.52	51.52
320	32.47	41.40	41.40
325	23.75	34.25	34.25
330	19.96	31.47	31.47
335	19.43	31.11	31.11
340	18.78	30.66	30.66
345	17.28	29.67	29.67
350	16.52	29.19	29.19
355	17.59	29.88	29.88

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