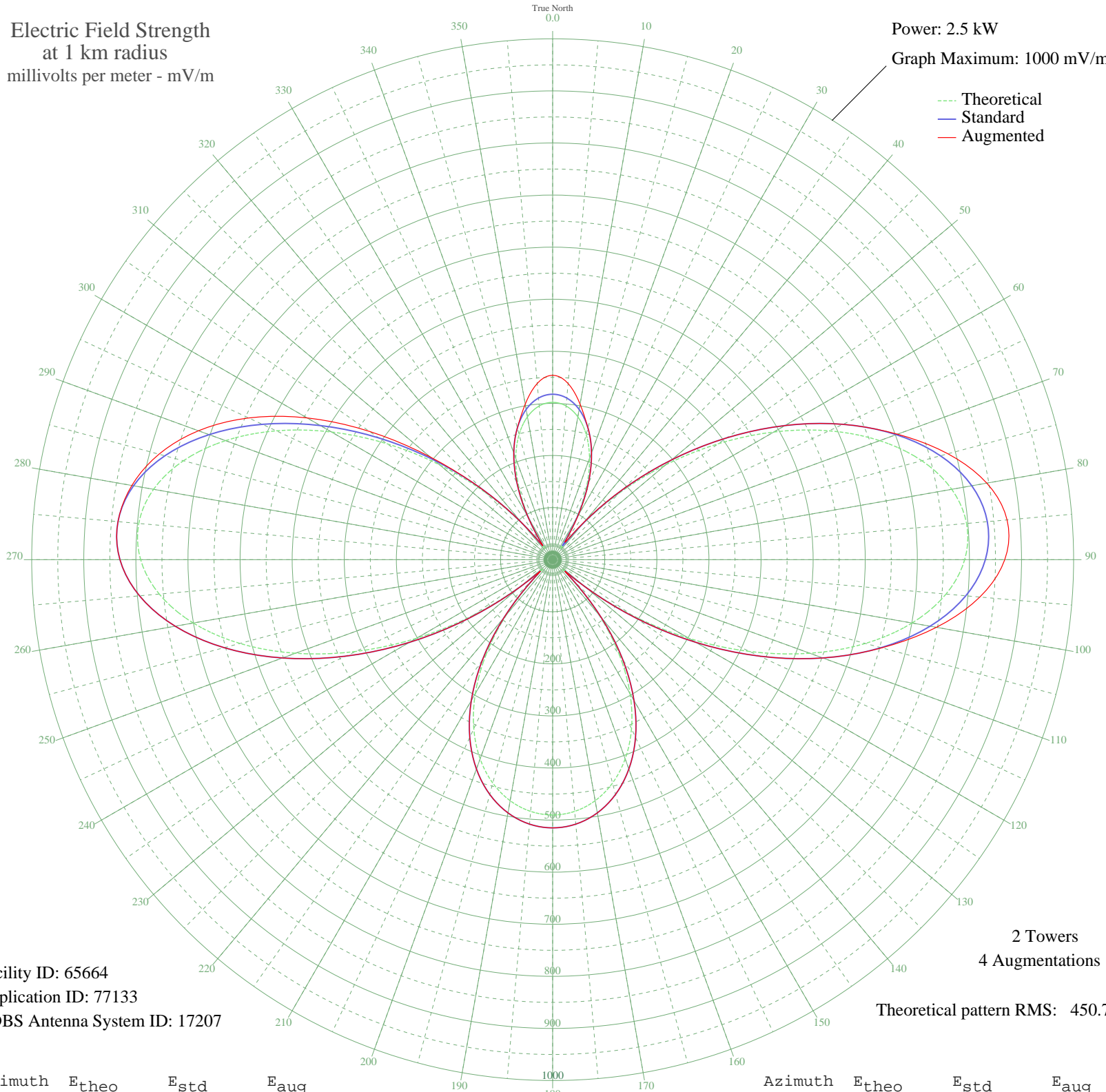


WFFG MARATHON, FL BL-19850325AA 1300 kHz

Unlimited Time

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m



Facility ID: 65664
Application ID: 77133
CDBS Antenna System ID: 17207

2 Towers
4 Augmentations
Theoretical pattern RMS: 450.70

Azimuth	E _{theo}	E _{std}	E _{aug}
0	302.09	317.63	354.00
5	296.21	311.47	339.61
10	278.52	292.92	303.16
15	248.87	261.84	261.84
20	207.12	218.10	218.27
25	153.33	161.85	162.69
30	88.45	94.35	96.91
35	26.74	32.62	40.70
40	86.23	92.05	94.84
45	181.19	190.97	191.81
50	283.31	297.94	298.11
55	387.84	407.57	407.57
60	490.18	514.96	514.96
65	585.33	614.82	614.82
70	668.16	701.76	704.35
75	733.75	770.62	785.47
80	777.91	816.97	846.20
85	797.51	837.55	875.63
90	790.89	830.60	867.82
95	758.01	796.09	823.12
100	700.52	735.73	748.04
105	621.53	652.82	654.07
110	525.36	551.88	551.88
115	417.08	438.24	438.24
120	302.09	317.63	317.63
125	185.80	195.80	195.80
130	74.56	80.03	80.03
135	45.60	50.68	50.68
140	137.81	145.65	145.65
145	223.30	235.05	235.05
150	296.98	312.27	312.27
155	358.18	376.46	376.46
160	407.04	427.71	427.71
165	444.07	466.57	466.57
170	469.91	493.69	493.69
175	485.15	509.68	509.68

Azimuth	E _{theo}	E _{std}	E _{aug}
180	490.18	514.96	514.96
185	485.15	509.68	509.68
190	469.91	493.69	493.69
195	444.07	466.57	466.57
200	407.04	427.71	427.71
205	358.18	376.45	376.45
210	296.98	312.27	312.27
215	223.30	235.05	235.05
220	137.81	145.65	145.65
225	45.60	50.68	50.68
230	74.56	80.03	80.03
235	185.80	195.80	195.80
240	302.09	317.63	317.63
245	417.08	438.25	438.25
250	525.36	551.88	551.88
255	621.53	652.82	652.82
260	700.52	735.74	735.74
265	758.02	796.09	796.09
270	790.89	830.60	830.60
275	797.51	837.55	837.55
280	777.91	816.97	820.22
285	733.75	770.62	782.33
290	668.16	701.76	723.53
295	585.33	614.82	643.71
300	490.18	514.95	544.25
305	387.84	407.57	429.29
310	283.31	297.94	306.74
315	181.19	190.97	190.97
320	86.22	92.05	92.05
325	26.74	32.62	32.62
330	88.45	94.35	94.35
335	153.33	161.85	161.85
340	207.12	218.11	218.11
345	248.87	261.84	261.84
350	278.52	292.92	303.16
355	296.21	311.47	339.61

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission