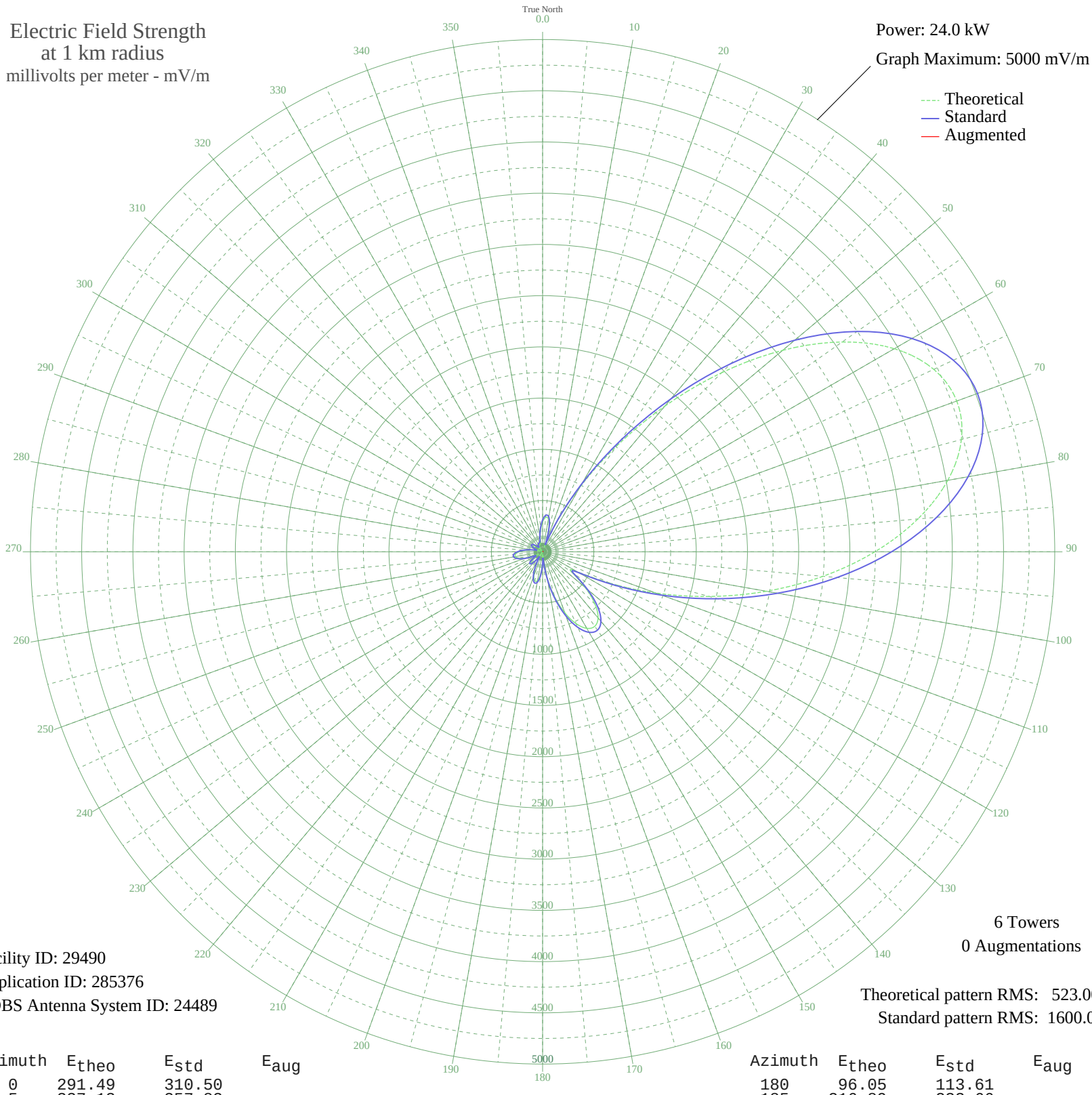
WFTL WEST PALM BEACH, FL BP-19990521AI 850 kHz

Nighttime

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



Power: 24.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

6 Towers
0 Augmentations

Facility ID: 29490
Application ID: 285376
CDBS Antenna System ID: 24489

Theoretical pattern RMS: 523.00
Standard pattern RMS: 1600.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	291.49	310.50	
5	337.13	357.83	
10	325.49	345.74	
15	230.19	247.29	
20	45.68	70.97	
25	296.99	316.20	
30	729.62	767.89	
35	1260.16	1324.20	
40	1855.27	1948.74	
45	2471.21	2595.30	
50	3058.86	3212.23	
55	3570.24	3749.12	
60	3964.68	4163.25	
65	4213.57	4424.56	
70	4302.80	4518.24	
75	4232.86	4444.81	
80	4017.00	4218.17	
85	3677.99	3862.24	
90	3244.51	3407.14	
95	2747.70	2885.56	
100	2218.47	2329.98	
105	1685.93	1771.00	
110	1177.46	1237.44	
115	723.47	761.44	
120	387.35	410.07	
125	352.03	373.31	
130	541.99	571.49	
135	723.47	761.44	
140	841.98	885.63	
145	887.93	933.79	
150	862.79	907.44	
155	773.85	814.22	
160	632.98	666.69	
165	456.18	481.84	
170	262.79	280.84	
175	75.73	95.19	
180	96.05	113.61	
185	216.89	233.66	
190	284.47	303.24	
195	293.59	312.68	
200	249.17	266.81	
205	164.97	180.94	
210	61.18	82.85	
215	39.34	66.65	
220	115.61	132.19	
225	152.91	168.86	
230	145.71	161.69	
235	99.84	117.16	
240	47.73	72.45	
245	95.90	113.48	
250	175.95	192.01	
255	238.20	255.53	
260	269.22	287.49	
265	264.89	283.01	
270	228.21	245.27	
275	167.63	183.62	
280	95.08	112.71	
285	27.74	59.87	
290	48.25	72.83	
295	90.34	108.33	
300	110.81	127.57	
305	107.96	124.84	
310	84.87	103.33	
315	48.03	72.66	
320	11.13	53.60	
325	37.46	65.45	
330	64.58	85.64	
335	75.01	94.55	
340	72.87	92.68	
345	85.77	104.15	
350	139.32	155.36	
355	216.63	233.40	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission