

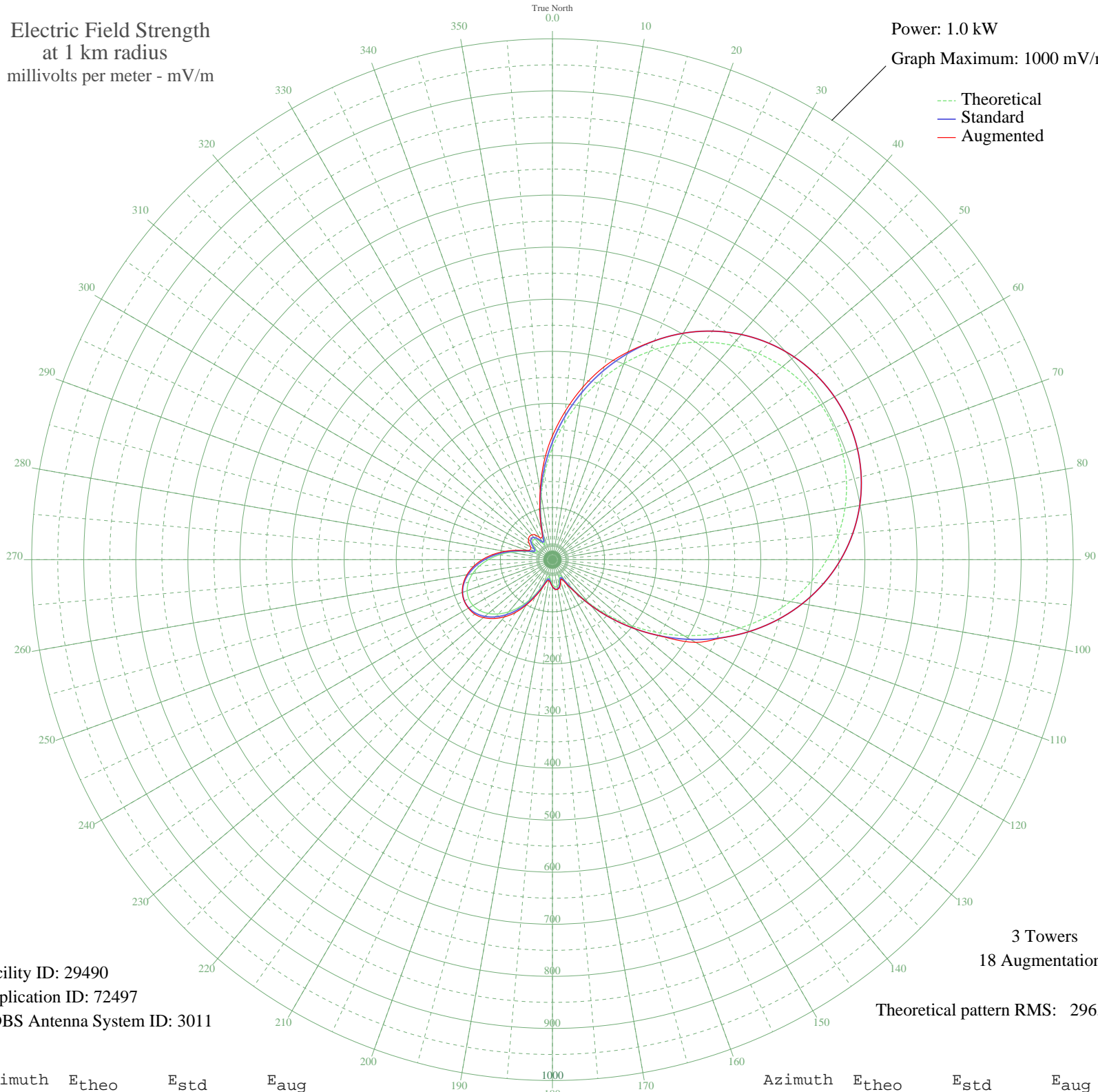
WFTL WEST PALM BEACH, FL BL-19840912AC 850 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
--- Standard
--- Augmented



Facility ID: 29490
Application ID: 72497
CDBS Antenna System ID: 3011

3 Towers
18 Augmentations

Theoretical pattern RMS: 296.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	214.68	225.94	237.72
5	262.59	276.15	286.65
10	310.34	326.22	336.30
15	356.70	374.85	383.38
20	400.61	420.92	424.49
25	441.21	463.52	463.63
30	477.82	501.94	501.94
35	509.94	535.66	535.66
40	537.24	564.32	564.32
45	559.52	587.70	587.70
50	576.66	605.69	605.69
55	588.61	618.24	618.24
60	595.37	625.33	625.33
65	596.93	626.97	626.97
70	593.29	623.15	623.15
75	584.46	613.87	613.87
80	570.42	599.14	599.14
85	551.22	578.99	578.99
90	526.92	553.48	553.48
95	497.65	522.76	522.76
100	463.69	487.12	487.12
105	425.41	446.95	446.95
110	383.40	402.86	402.86
115	338.39	355.65	356.31
120	291.34	306.29	317.61
125	243.37	256.00	256.92
130	195.78	206.15	206.15
135	150.02	158.28	158.28
140	107.74	114.17	114.17
145	71.00	76.13	76.46
150	43.44	48.15	54.35
155	32.52	37.48	41.04
160	38.42	43.19	45.15
165	47.32	52.02	54.25
170	52.33	57.07	57.61
175	52.04	56.78	57.02

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	46.95	51.66	51.66
185	39.01	43.77	44.45
190	32.85	37.79	40.91
195	36.03	40.86	44.18
200	49.94	54.66	58.07
205	69.37	74.45	77.89
210	90.53	96.31	100.60
215	111.39	117.98	123.75
220	130.64	138.03	143.38
225	147.32	155.46	159.78
230	160.75	169.50	173.13
235	170.43	179.62	182.30
240	176.01	185.45	186.17
245	177.31	186.81	186.82
250	174.28	183.65	184.05
255	167.04	176.06	177.33
260	155.81	164.32	166.75
265	141.00	148.86	152.47
270	123.20	130.28	134.86
275	103.18	109.43	114.48
280	82.01	87.49	92.32
285	61.23	66.12	69.92
290	43.41	48.13	51.57
295	33.28	38.20	46.62
300	34.63	39.50	48.20
305	42.31	47.03	54.63
310	49.48	54.19	59.91
315	52.79	57.54	62.69
320	50.94	55.67	62.01
325	44.03	48.74	57.96
330	34.96	39.82	49.13
335	34.38	39.26	47.27
340	52.98	57.73	60.47
345	84.86	90.43	93.28
350	124.12	131.24	135.52
355	168.01	177.08	187.67