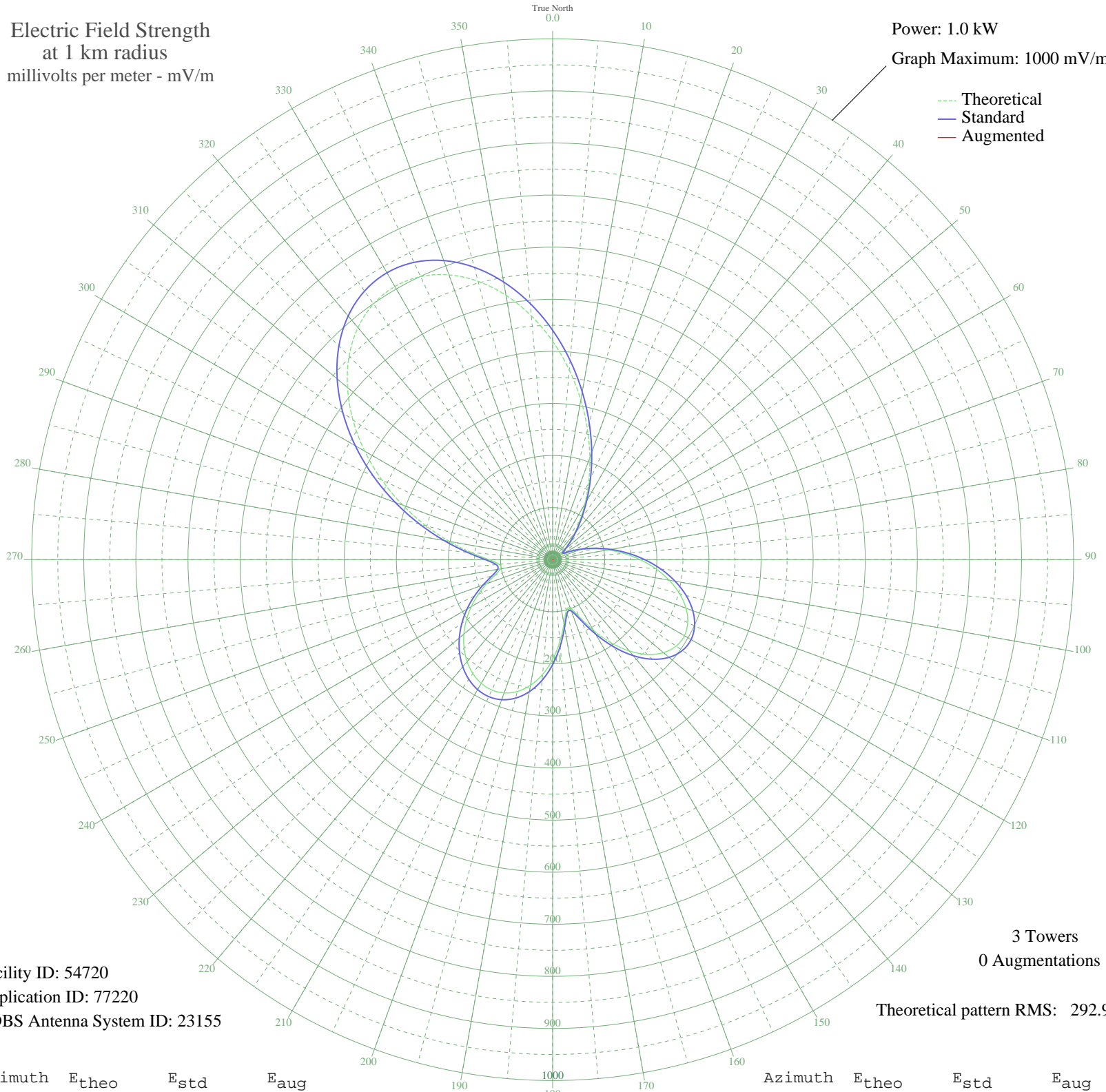


WPAD PADUCAH, KY BL-19850328AB 1560 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 54720
Application ID: 77220
CDBS Antenna System ID: 23155

3 Towers
0 Augmentations

Theoretical pattern RMS: 292.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	419.30	440.41	
5	365.66	384.11	
10	311.29	327.05	
15	258.29	271.44	
20	208.49	219.20	
25	163.37	171.91	
30	124.00	130.69	
35	91.00	96.21	
40	64.45	68.60	
45	43.87	47.42	
50	28.50	31.97	
55	19.23	23.11	
60	21.77	25.48	
65	35.68	39.11	
70	55.73	59.59	
75	80.01	84.75	
80	107.52	113.46	
85	137.27	144.57	
90	168.05	176.81	
95	198.50	208.72	
100	227.10	238.72	
105	252.26	265.11	
110	272.40	286.24	
115	286.06	300.57	
120	292.00	306.80	
125	289.33	304.00	
130	277.66	291.76	
135	257.18	270.28	
140	228.80	240.50	
145	194.28	204.31	
150	156.72	164.94	
155	121.63	128.20	
160	99.18	104.74	
165	101.23	106.88	
170	125.24	131.98	
175	158.24	166.53	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	191.56	201.45	
185	221.07	232.39	
190	244.80	257.28	
195	261.92	275.24	
200	272.26	286.10	
205	276.13	290.16	
210	274.11	288.04	
215	266.95	280.52	
220	255.44	268.45	
225	240.37	252.64	
230	222.45	233.84	
235	202.28	212.69	
240	180.42	189.78	
245	157.55	165.81	
250	134.79	141.98	
255	114.50	120.75	
260	101.54	107.21	
265	102.99	108.72	
270	122.49	129.10	
275	156.86	165.09	
280	201.18	211.53	
285	251.81	264.64	
290	306.10	321.60	
295	361.76	380.01	
300	416.50	437.47	
305	468.05	491.58	
310	514.10	539.92	
315	552.53	580.27	
320	581.48	610.66	
325	599.49	629.56	
330	605.65	636.04	
335	599.68	629.77	
340	581.92	611.12	
345	553.32	581.09	
350	515.37	541.25	
355	469.97	493.60	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission