

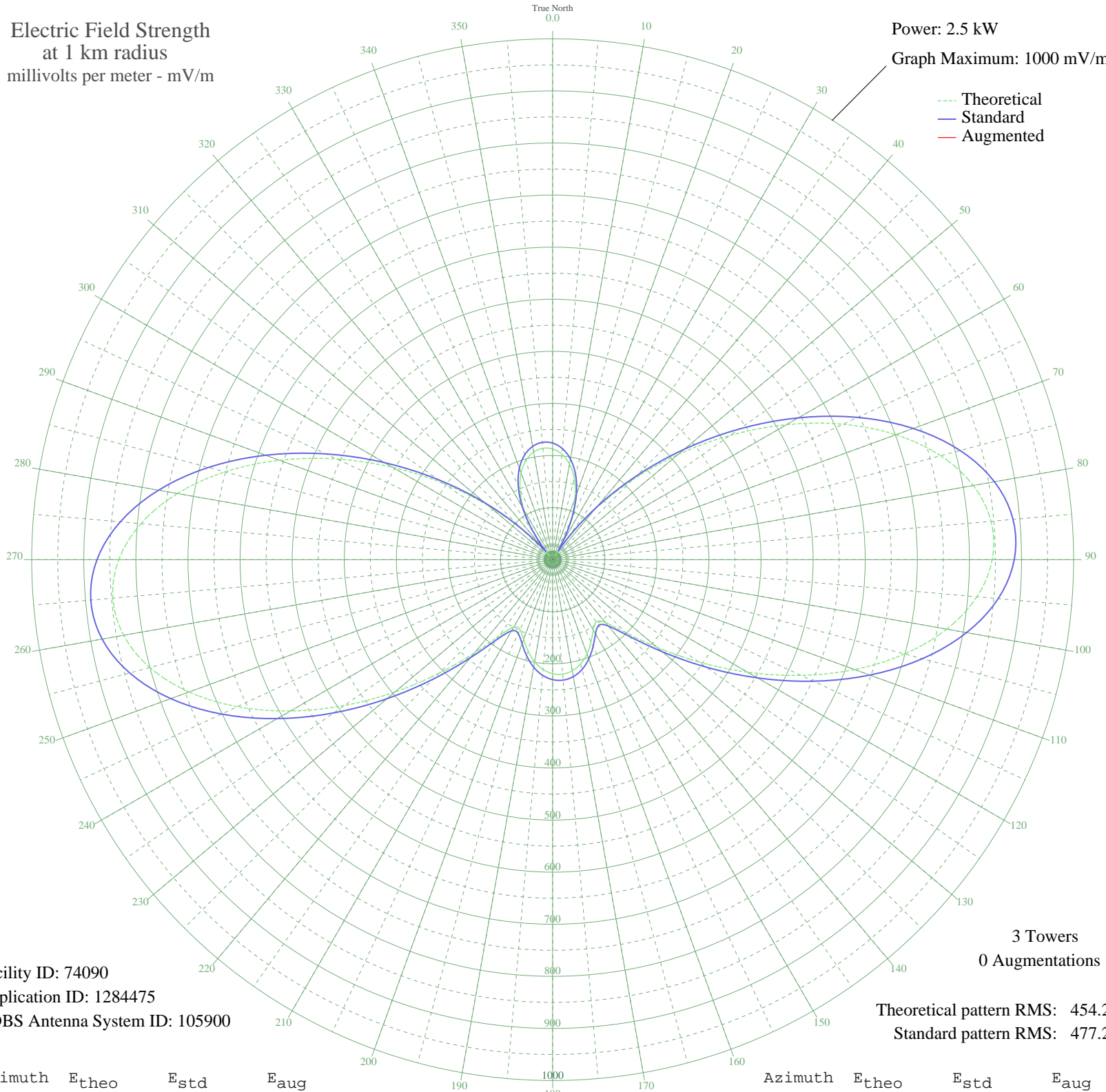
WIST NEW ORLEANS, LA BP-20070925AGL 690 kHz

Nighttime

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

Power: 2.5 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 74090
Application ID: 1284475
CDBS Antenna System ID: 105900

3 Towers
0 Augmentations

Theoretical pattern RMS: 454.26
Standard pattern RMS: 477.26

Azimuth	E _{theo}	E _{std}	E _{aug}
0	212.59	223.84	
5	203.28	214.09	
10	186.27	196.29	
15	160.78	169.63	
20	125.83	133.16	
25	80.48	86.12	
30	24.87	30.94	
35	46.46	51.53	
40	125.86	133.19	
45	215.86	227.27	
50	313.78	329.89	
55	416.11	437.23	
60	518.36	544.53	
65	615.27	646.25	
70	701.28	736.54	
75	771.03	809.75	
80	819.91	861.07	
85	844.67	887.06	
90	843.74	886.08	
95	817.48	858.52	
100	768.13	806.71	
105	699.56	734.72	
110	616.81	647.86	
115	525.66	552.19	
120	432.10	454.01	
125	342.11	359.59	
130	261.71	275.29	
135	197.61	208.16	
140	157.56	166.27	
145	145.95	154.15	
150	155.81	164.44	
155	174.22	183.69	
160	192.60	202.91	
165	207.18	218.17	
170	216.61	228.05	
175	220.53	232.15	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	218.85	230.39	
185	211.60	222.80	
190	198.99	209.60	
195	181.87	191.68	
200	162.77	171.71	
205	148.06	156.35	
210	149.60	157.96	
215	178.29	187.94	
220	233.69	245.94	
225	308.44	324.29	
230	395.34	415.44	
235	488.19	512.87	
240	581.02	610.30	
245	667.85	701.43	
250	742.75	780.06	
255	800.33	840.51	
260	836.19	878.16	
265	847.40	889.93	
270	832.84	874.64	
275	793.30	833.13	
280	731.42	768.17	
285	651.30	684.06	
290	558.07	586.21	
295	457.30	480.45	
300	354.42	372.51	
305	254.26	267.48	
310	160.73	169.58	
315	76.76	82.30	
320	9.75	19.51	
325	59.32	64.46	
330	108.98	115.63	
335	147.99	156.28	
340	177.15	186.74	
345	197.44	207.97	
350	209.75	220.86	
355	214.71	226.06	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission