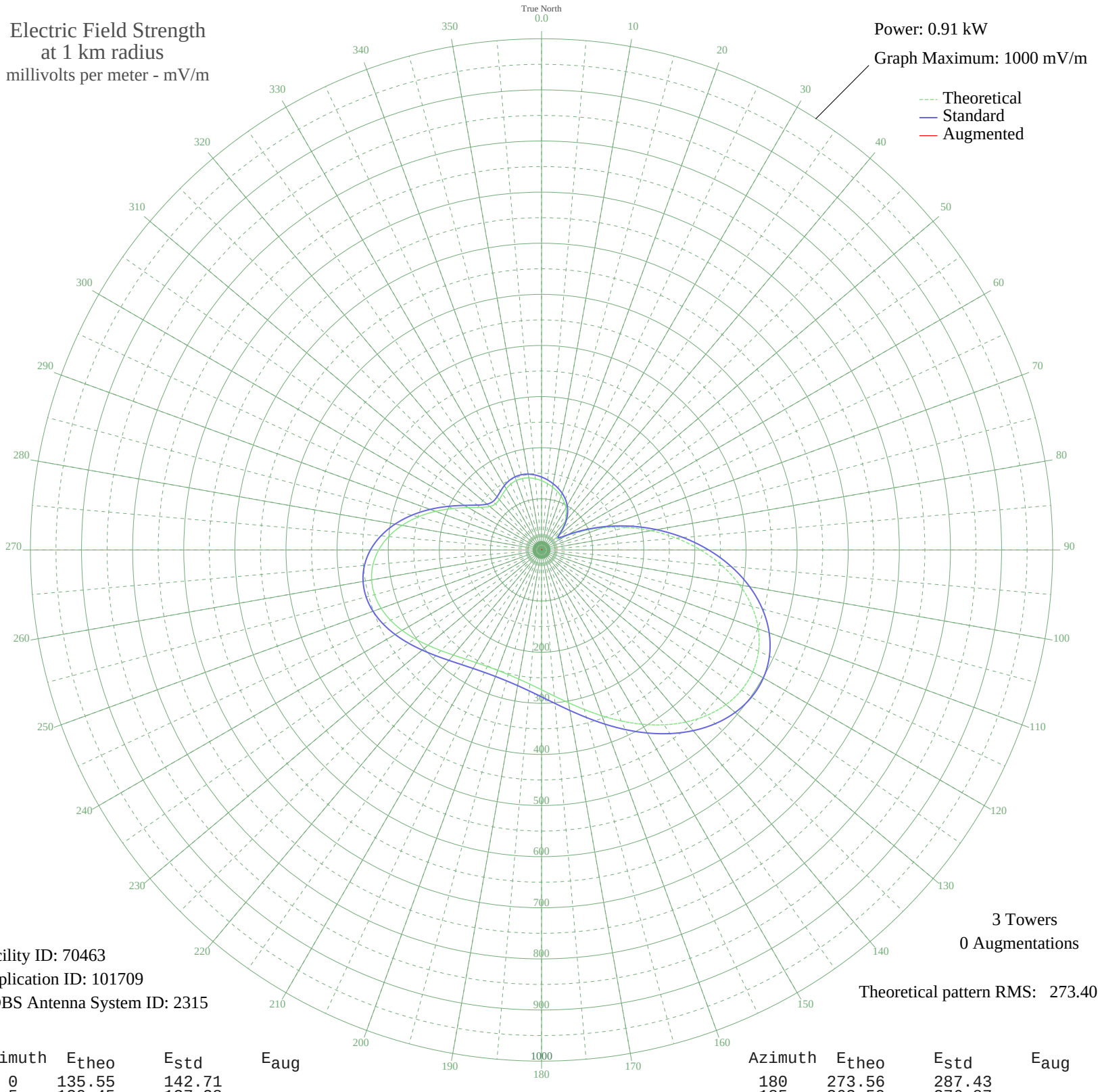
KURV EDINBURG, TX BL-19870601AM 710 kHz

Nighttime

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



Power: 0.91 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 70463
Application ID: 101709
CDBS Antenna System ID: 2315

Theoretical pattern RMS: 273.40

Azimuth	E_{theo}	E_{std}	E_{aug}
0	135.55	142.71	
5	130.45	137.38	
10	124.81	131.47	
15	118.67	125.04	
20	111.91	117.97	
25	104.22	109.93	
30	95.12	100.43	
35	84.13	88.96	
40	70.88	75.17	
45	55.65	59.37	
50	41.15	44.47	
55	37.73	40.98	
60	55.70	59.42	
65	87.64	92.62	
70	126.96	133.72	
75	170.84	179.68	
80	217.38	228.49	
85	264.79	278.22	
90	311.17	326.90	
95	354.66	372.54	
100	393.47	413.28	
105	426.07	447.50	
110	451.29	473.97	
115	468.38	491.91	
120	477.10	501.07	
125	477.70	501.69	
130	470.87	494.52	
135	457.66	480.66	
140	439.40	461.49	
145	417.56	438.56	
150	393.64	413.45	
155	369.09	387.69	
160	345.20	362.62	
165	323.05	339.37	
170	303.44	318.79	
175	286.87	301.40	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	273.56	287.43	
185	263.50	276.87	
190	256.48	269.51	
195	252.28	265.11	
200	250.68	263.42	
205	251.53	264.31	
210	254.78	267.73	
215	260.43	273.65	
220	268.39	282.00	
225	278.43	292.54	
230	290.08	304.76	
235	302.56	317.87	
240	314.87	330.78	
245	325.77	342.22	
250	333.97	350.83	
255	338.23	355.30	
260	337.51	354.54	
265	331.07	347.78	
270	318.62	334.71	
275	300.35	315.54	
280	277.01	291.05	
285	249.87	262.57	
290	220.72	232.00	
295	191.82	201.68	
300	165.77	174.37	
305	145.27	152.90	
310	132.38	139.40	
315	127.44	134.22	
320	128.63	135.47	
325	133.06	140.11	
330	138.16	145.44	
335	142.23	149.71	
340	144.48	152.07	
345	144.70	152.29	
350	143.04	150.56	
355	139.86	147.23	

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