

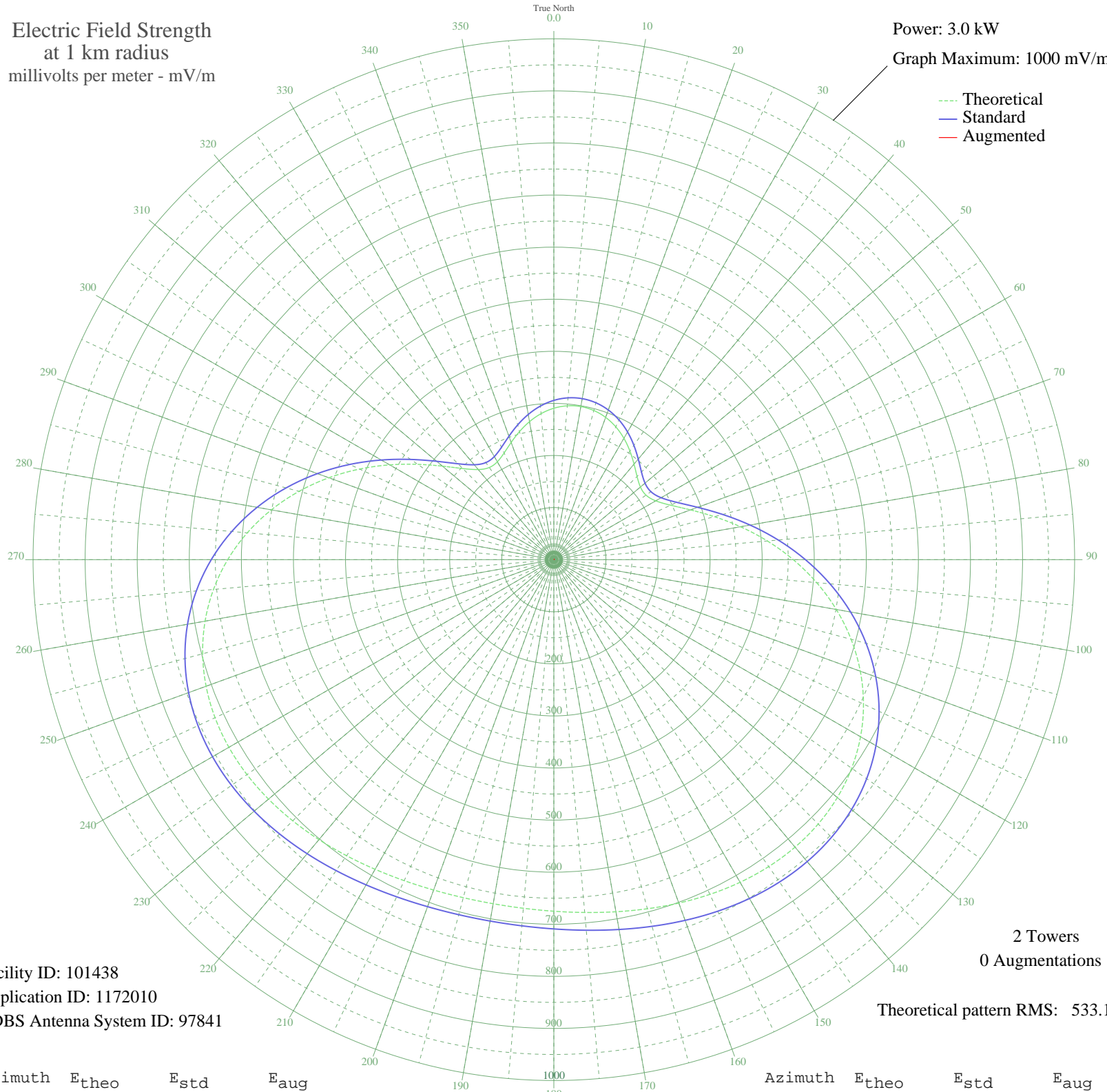
XERI REYNOSA, TA Mexico -- 810 kHz

Daytime

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

Power: 3.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 101438
Application ID: 1172010
CDBS Antenna System ID: 97841

2 Towers
0 Augmentations

Theoretical pattern RMS: 533.15

Azimuth	E _{theo}	E _{std}	E _{aug}
0	290.73	305.81	
5	296.51	311.87	
10	298.47	313.92	
15	296.51	311.87	
20	290.73	305.81	
25	281.40	296.03	
30	269.06	283.10	
35	254.62	267.97	
40	239.52	252.15	
45	225.97	237.96	
50	216.98	228.55	
55	216.02	227.55	
60	225.87	237.86	
65	247.39	260.40	
70	279.28	293.81	
75	319.06	335.50	
80	363.99	382.62	
85	411.59	432.56	
90	459.75	483.08	
95	506.64	532.29	
100	550.78	578.61	
105	590.96	620.78	
110	626.26	657.82	
115	656.06	689.10	
120	680.03	714.26	
125	698.13	733.27	
130	710.59	746.34	
135	717.83	753.94	
140	720.50	756.74	
145	719.35	755.54	
150	715.24	751.22	
155	709.05	744.73	
160	701.65	736.96	
165	693.87	728.79	
170	686.43	720.98	
175	679.97	714.20	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	674.98	708.97	
185	671.85	705.67	
190	670.78	704.55	
195	671.85	705.67	
200	674.98	708.97	
205	679.97	714.20	
210	686.43	720.98	
215	693.87	728.79	
220	701.65	736.96	
225	709.05	744.73	
230	715.24	751.22	
235	719.35	755.54	
240	720.50	756.74	
245	717.83	753.94	
250	710.59	746.34	
255	698.13	733.27	
260	680.03	714.26	
265	656.06	689.10	
270	626.26	657.82	
275	590.96	620.78	
280	550.78	578.61	
285	506.64	532.29	
290	459.75	483.08	
295	411.59	432.56	
300	363.99	382.62	
305	319.06	335.50	
310	279.28	293.81	
315	247.39	260.40	
320	225.87	237.86	
325	216.02	227.55	
330	216.98	228.55	
335	225.97	237.96	
340	239.52	252.15	
345	254.62	267.97	
350	269.06	283.10	
355	281.40	296.03	

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