

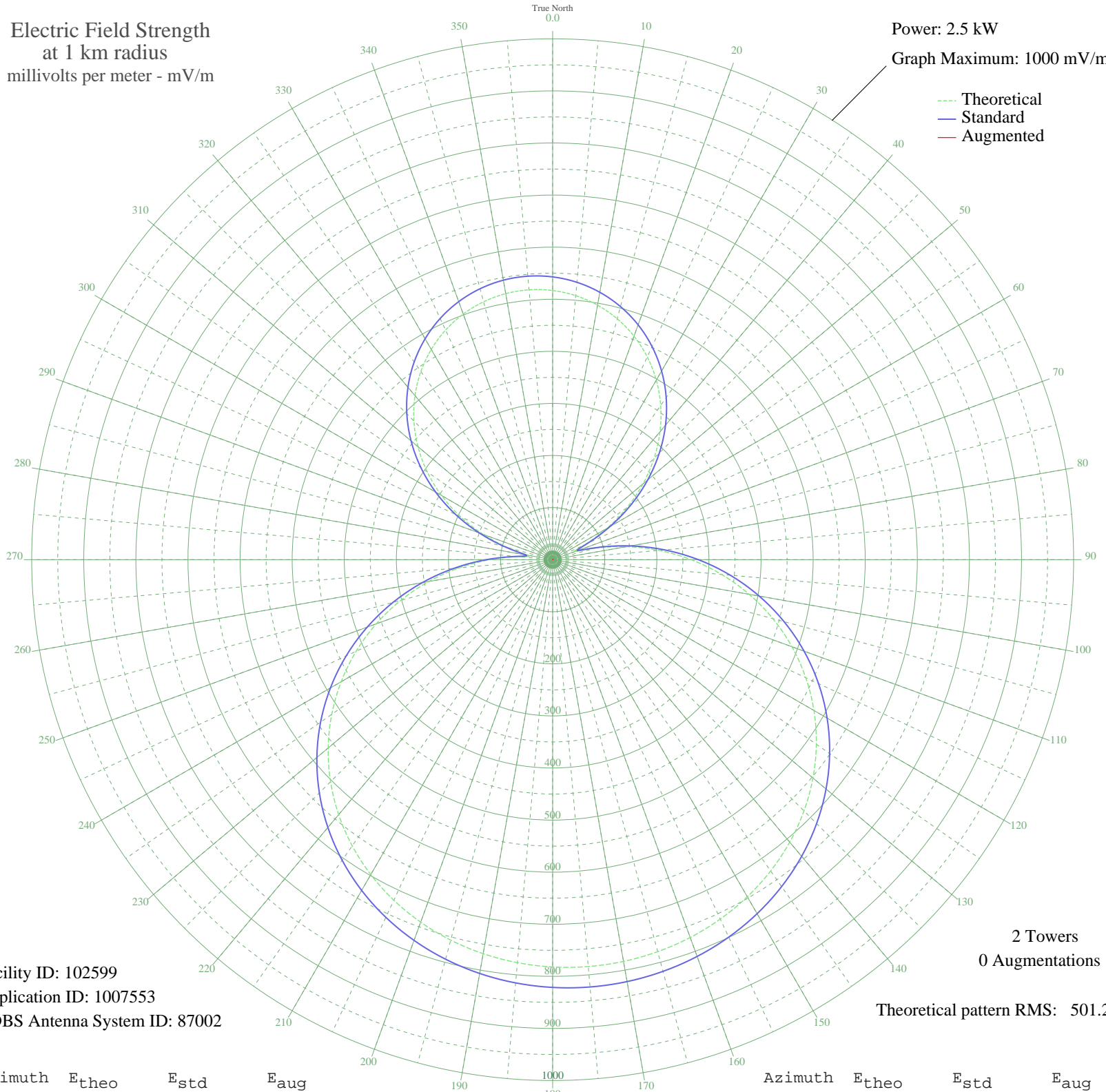
XEMBC MEXICALI, BN Mexico -- 1190 kHz

Daytime

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: 102599
Application ID: 1007553
CDBS Antenna System ID: 87002

2 Towers
0 Augmentations

Theoretical pattern RMS: 501.27

Azimuth	E _{theo}	E _{std}	E _{aug}
0	516.79	542.91	
5	508.84	534.57	
10	496.19	521.29	
15	478.79	503.03	
20	456.61	479.76	
25	429.65	451.47	
30	397.93	418.19	
35	361.51	379.99	
40	320.56	337.04	
45	275.34	289.64	
50	226.26	238.22	
55	174.00	183.53	
60	119.89	127.09	
65	68.31	73.82	
70	45.88	51.24	
75	85.65	91.61	
80	143.68	151.87	
85	204.73	215.68	
90	265.80	279.64	
95	325.55	342.27	
100	383.07	402.60	
105	437.67	459.89	
110	488.81	513.55	
115	536.06	563.13	
120	579.14	608.35	
125	617.88	649.01	
130	652.23	685.06	
135	682.21	716.53	
140	707.94	743.54	
145	729.58	766.25	
150	747.32	784.88	
155	761.38	799.64	
160	771.94	810.73	
165	779.18	818.33	
170	783.23	822.58	
175	784.16	823.55	

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	781.99	821.27	
185	776.68	815.70	
190	768.12	806.72	
195	756.18	794.18	
200	740.68	777.91	
205	721.40	757.67	
210	698.15	733.26	
215	670.74	704.49	
220	639.02	671.20	
225	602.91	633.30	
230	562.42	590.80	
235	517.65	543.81	
240	468.80	492.55	
245	416.22	437.38	
250	360.38	378.80	
255	301.87	317.45	
260	241.47	254.15	
265	180.21	190.02	
270	119.79	126.98	
275	65.43	70.89	
280	47.15	52.50	
285	87.97	94.01	
290	141.61	149.71	
295	195.23	205.73	
300	246.32	259.23	
305	293.92	309.11	
310	337.47	354.78	
315	376.63	395.85	
320	411.19	432.10	
325	441.01	463.39	
330	466.06	489.67	
335	486.32	510.93	
340	501.81	527.19	
345	512.58	538.50	
350	518.66	544.87	
355	520.06	546.34	

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