

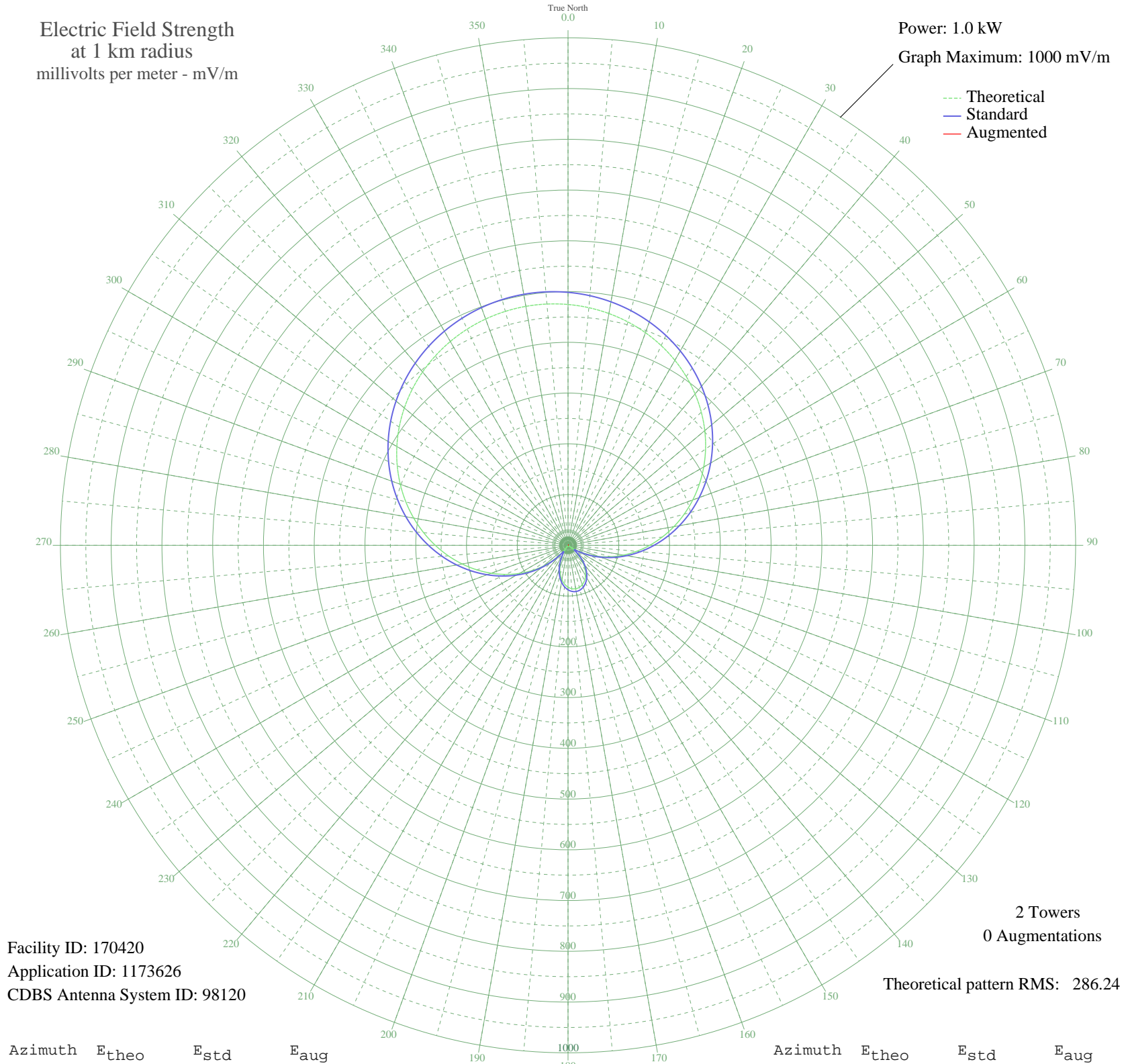
# XERTP SAN MARTIN TEXMELUCA, PU Mexico -- 880 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 170420  
Application ID: 1173626  
CDBS Antenna System ID: 98120

2 Towers  
0 Augmentations

Theoretical pattern RMS: 286.24

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	474.54	498.47	
5	470.05	493.75	
10	463.76	487.16	
15	455.70	478.69	
20	445.86	468.37	
25	434.27	456.21	
30	420.97	442.25	
35	405.99	426.53	
40	389.39	409.11	
45	371.26	390.08	
50	351.68	369.54	
55	330.77	347.60	
60	308.67	324.41	
65	285.53	300.14	
70	261.52	274.97	
75	236.85	249.10	
80	211.71	222.75	
85	186.32	196.15	
90	160.91	169.55	
95	135.70	143.20	
100	110.94	117.35	
105	86.83	92.28	
110	63.60	68.29	
115	41.46	45.81	
120	20.61	25.91	
125	1.21	14.31	
130	16.57	22.49	
135	32.58	37.06	
140	46.70	51.06	
145	58.82	63.38	
150	68.85	73.69	
155	76.73	81.82	
160	82.39	87.68	
165	85.81	91.22	
170	86.95	92.40	
175	85.81	91.22	

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.

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	82.39	87.68	
185	76.73	81.82	
190	68.85	73.69	
195	58.82	63.38	
200	46.70	51.06	
205	32.58	37.06	
210	16.57	22.49	
215	1.21	14.31	
220	20.61	25.91	
225	41.46	45.81	
230	63.60	68.29	
235	86.83	92.28	
240	110.94	117.35	
245	135.70	143.20	
250	160.91	169.55	
255	186.32	196.15	
260	211.71	222.75	
265	236.85	249.10	
270	261.52	274.97	
275	285.53	300.14	
280	308.67	324.41	
285	330.77	347.60	
290	351.68	369.54	
295	371.26	390.08	
300	389.39	409.11	
305	405.99	426.53	
310	420.97	442.25	
315	434.27	456.21	
320	445.86	468.37	
325	455.70	478.69	
330	463.76	487.16	
335	470.05	493.75	
340	474.54	498.47	
345	477.23	501.30	
350	478.13	502.24	
355	477.23	501.30	