

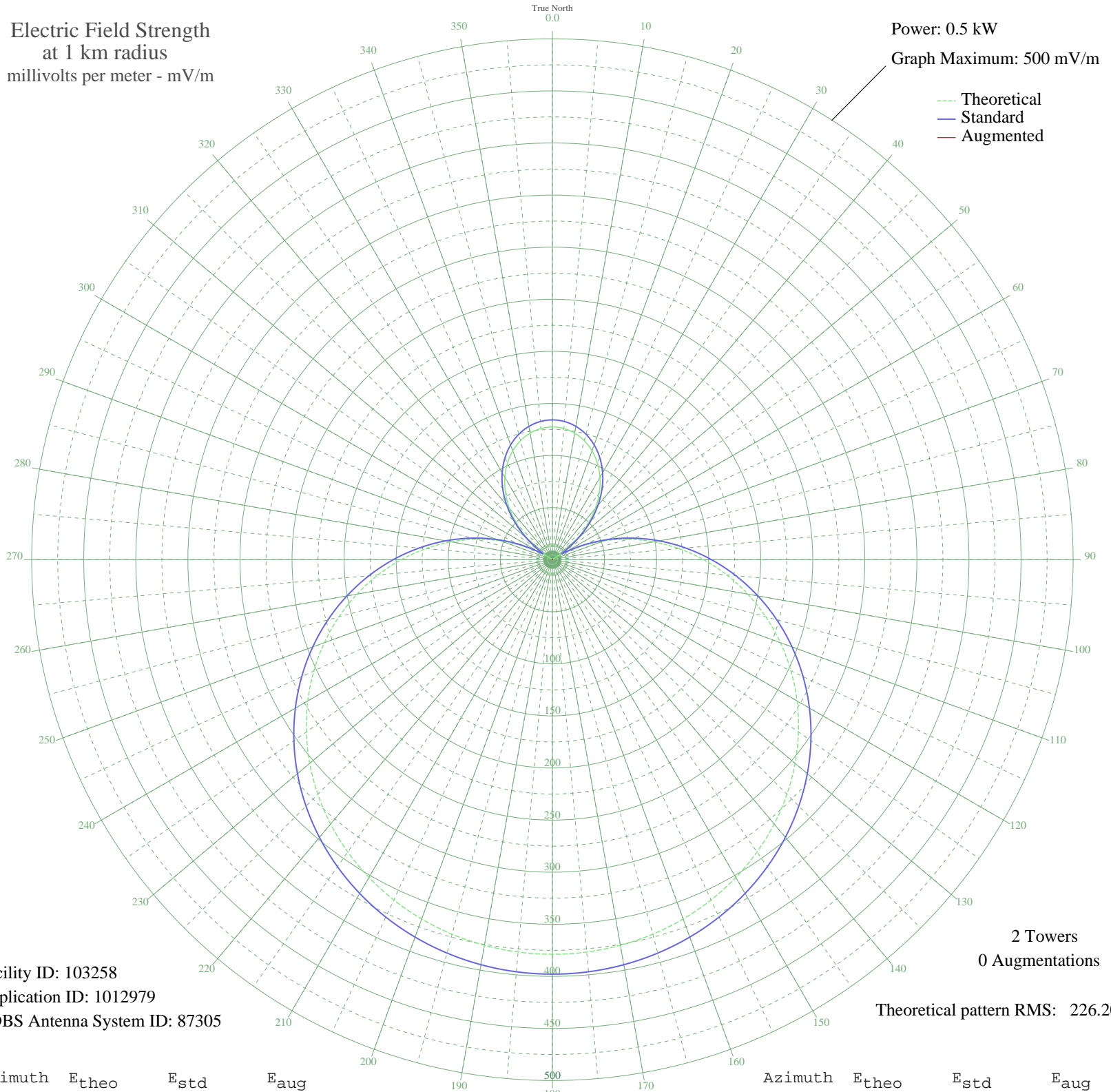
XEKT TECATE, BN Mexico -- 1380 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 103258
Application ID: 1012979
CDBS Antenna System ID: 87305

2 Towers
0 Augmentations
Theoretical pattern RMS: 226.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	127.40	134.18	
5	126.38	133.12	
10	123.33	129.92	
15	118.27	124.62	
20	111.21	117.24	
25	102.19	107.81	
30	91.27	96.41	
35	78.52	83.11	
40	64.01	68.02	
45	47.85	51.33	
50	30.16	33.37	
55	11.10	15.68	
60	9.19	14.26	
65	30.51	33.71	
70	52.66	56.29	
75	75.43	79.90	
80	98.59	104.05	
85	121.91	128.44	
90	145.16	152.78	
95	168.10	176.82	
100	190.52	200.32	
105	212.22	223.08	
110	233.01	244.88	
115	252.72	265.57	
120	271.23	284.99	
125	288.42	303.02	
130	304.19	319.57	
135	318.49	334.58	
140	331.28	348.00	
145	342.54	359.82	
150	352.25	370.01	
155	360.43	378.59	
160	367.08	385.58	
165	372.23	390.99	
170	375.90	394.83	
175	378.09	397.13	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	378.82	397.90	
185	378.09	397.13	
190	375.90	394.83	
195	372.23	390.99	
200	367.08	385.58	
205	360.43	378.59	
210	352.25	370.01	
215	342.53	359.81	
220	331.28	348.00	
225	318.49	334.58	
230	304.19	319.57	
235	288.42	303.02	
240	271.23	284.99	
245	252.72	265.57	
250	233.01	244.88	
255	212.22	223.08	
260	190.52	200.32	
265	168.10	176.82	
270	145.16	152.78	
275	121.91	128.44	
280	98.59	104.05	
285	75.43	79.90	
290	52.66	56.29	
295	30.51	33.71	
300	9.19	14.26	
305	11.10	15.68	
310	30.16	33.37	
315	47.85	51.33	
320	64.01	68.02	
325	78.52	83.11	
330	91.27	96.41	
335	102.19	107.81	
340	111.21	117.24	
345	118.27	124.62	
350	123.33	129.92	
355	126.38	133.12	