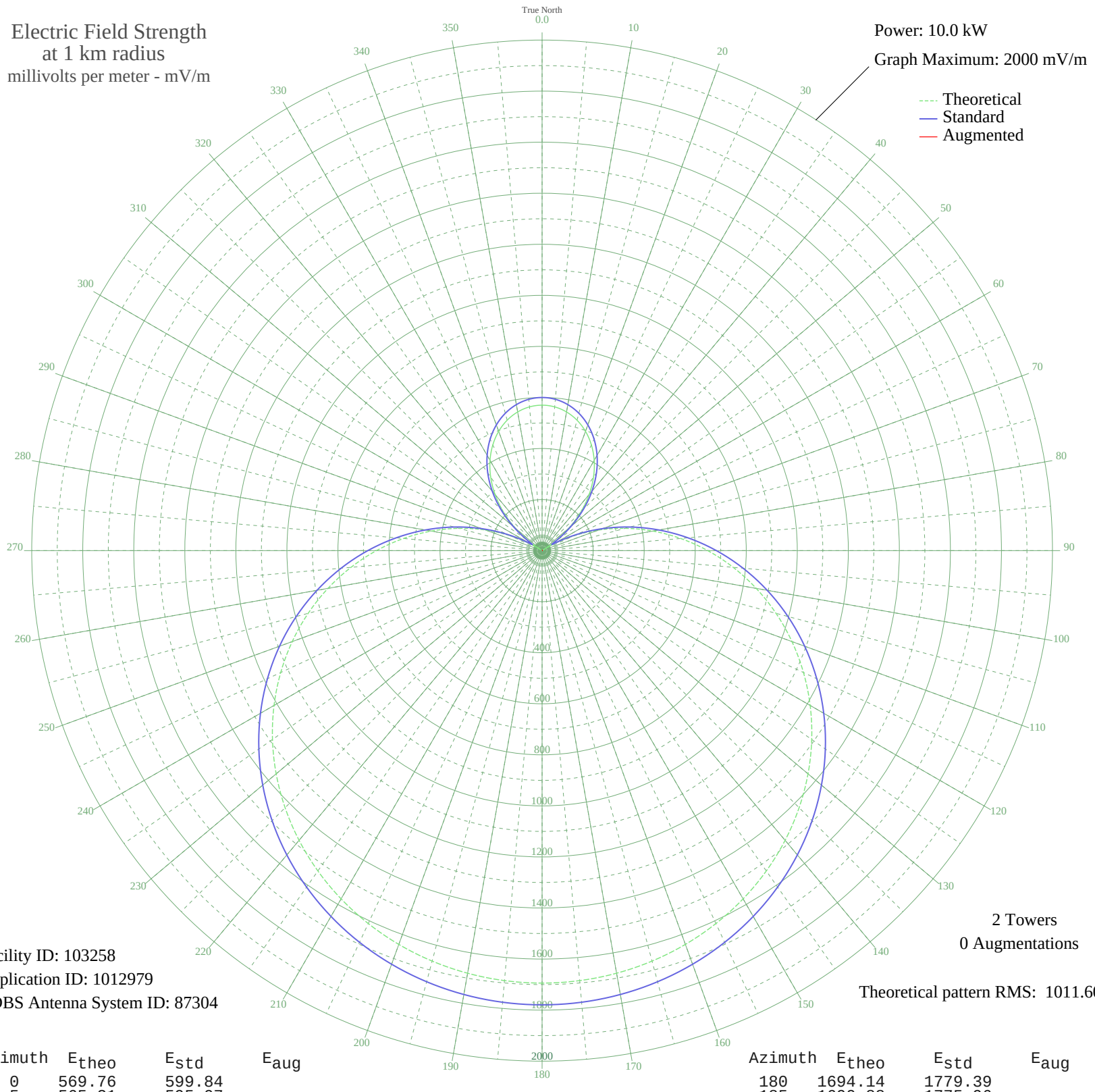
XEKT TECATE, BN Mexico -- 1380 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 103258
Application ID: 1012979
CDBS Antenna System ID: 87304

Theoretical pattern RMS: 1011.60

Azimuth	E_{theo}	E_{std}	E_{aug}
0	569.76	599.84	
5	565.21	595.07	
10	551.56	580.79	
15	528.90	557.06	
20	497.33	524.02	
25	457.01	481.85	
30	408.19	430.82	
35	351.14	371.28	
40	286.26	303.73	
45	213.99	228.91	
50	134.90	148.24	
55	49.62	68.01	
60	41.10	61.43	
65	136.45	149.79	
70	235.52	251.13	
75	337.35	356.91	
80	440.93	465.03	
85	545.21	574.14	
90	649.16	683.02	
95	751.76	790.56	
100	852.04	895.71	
105	949.07	997.48	
110	1042.04	1095.02	
115	1130.22	1187.53	
120	1212.98	1274.38	
125	1289.84	1355.03	
130	1360.38	1429.07	
135	1424.35	1496.20	
140	1481.54	1556.23	
145	1531.87	1609.05	
150	1575.31	1654.65	
155	1611.88	1693.04	
160	1641.65	1724.28	
165	1664.69	1748.47	
170	1681.08	1765.67	
175	1690.88	1775.96	
180	1694.14	1779.39	
185	1690.88	1775.96	
190	1681.08	1765.67	
195	1664.69	1748.47	
200	1641.65	1724.28	
205	1611.88	1693.04	
210	1575.31	1654.65	
215	1531.87	1609.05	
220	1481.54	1556.23	
225	1424.34	1496.20	
230	1360.38	1429.07	
235	1289.84	1355.03	
240	1212.98	1274.38	
245	1130.22	1187.53	
250	1042.04	1095.01	
255	949.07	997.48	
260	852.04	895.70	
265	751.76	790.56	
270	649.16	683.02	
275	545.21	574.14	
280	440.93	465.03	
285	337.35	356.91	
290	235.52	251.13	
295	136.45	149.79	
300	41.10	61.43	
305	49.62	68.01	
310	134.90	148.24	
315	213.99	228.91	
320	286.26	303.73	
325	351.14	371.28	
330	408.19	430.82	
335	457.02	481.85	
340	497.33	524.02	
345	528.90	557.06	
350	551.56	580.79	
355	565.21	595.07	

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