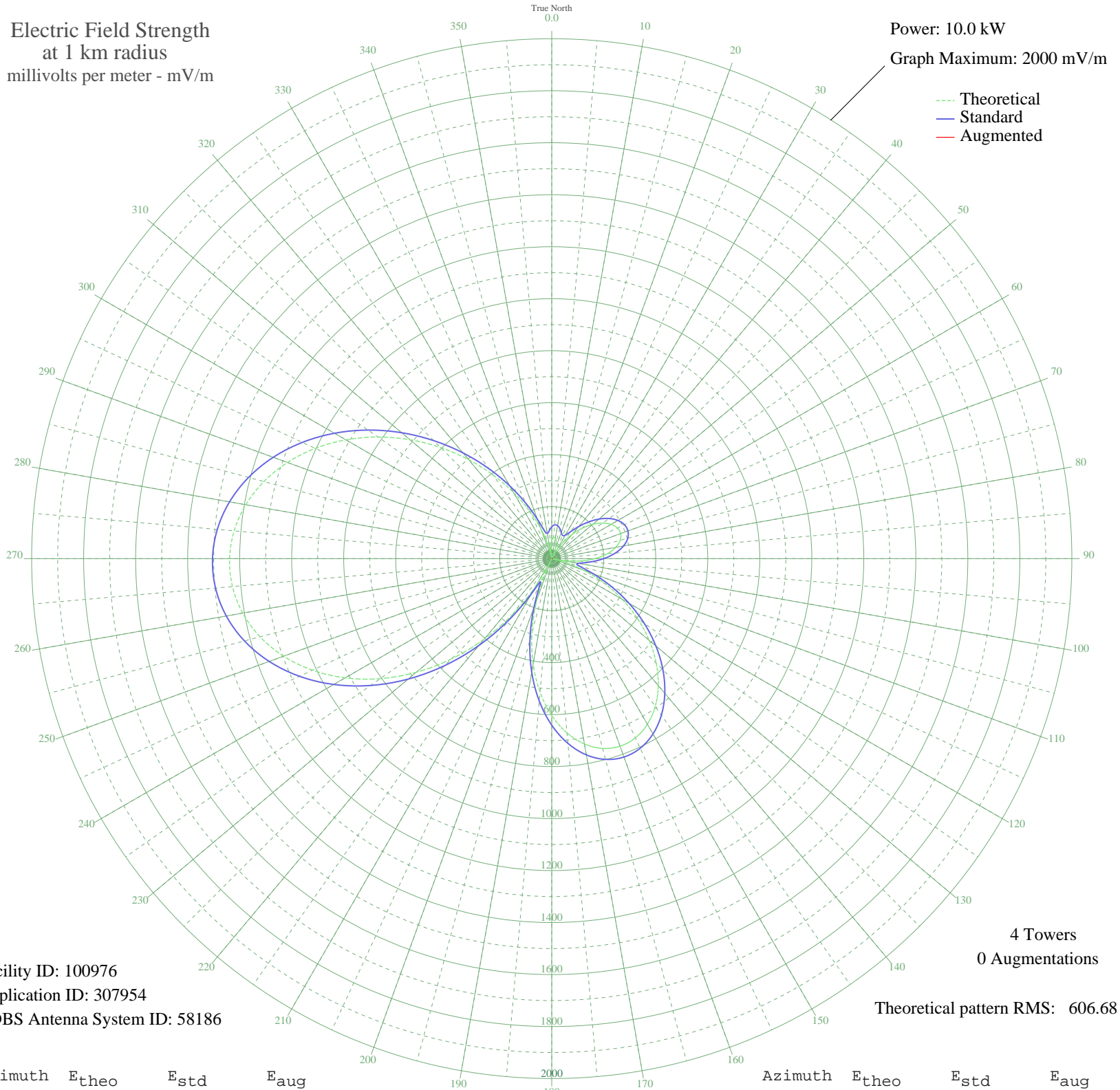


# XEFB MONTERREY, NL Mexico -- 630 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100976  
Application ID: 307954  
CDBS Antenna System ID: 58186

4 Towers  
0 Augmentations

Theoretical pattern RMS: 606.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	69.83	122.39	
5	81.82	130.32	
10	80.15	129.18	
15	66.05	120.05	
20	41.17	107.11	
25	7.57	98.32	
30	32.45	103.75	
35	76.34	126.60	
40	121.49	160.86	
45	165.26	199.28	
50	205.09	236.60	
55	238.62	269.04	
60	263.73	293.74	
65	278.62	308.52	
70	281.87	311.77	
75	272.51	302.45	
80	250.01	280.21	
85	214.33	245.45	
90	165.89	199.86	
95	105.61	147.99	
100	34.83	104.60	
105	44.66	108.64	
110	130.75	168.68	
115	221.00	251.89	
120	312.72	342.67	
125	403.10	434.45	
130	489.22	522.95	
135	568.20	604.61	
140	637.28	676.28	
145	693.87	735.13	
150	735.71	778.68	
155	760.87	804.90	
160	767.89	812.21	
165	755.78	799.60	
170	724.11	766.60	
175	672.97	713.38	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	603.01	640.70	
185	515.41	549.98	
190	411.84	443.40	
195	294.42	324.30	
200	165.63	199.62	
205	28.24	102.39	
210	114.74	155.30	
215	260.21	290.26	
220	405.00	436.39	
225	546.00	581.61	
230	680.20	720.91	
235	804.82	850.72	
240	917.29	968.13	
245	1015.39	1070.65	
250	1097.22	1156.24	
255	1161.32	1223.32	
260	1206.62	1270.74	
265	1232.51	1297.84	
270	1238.85	1304.48	
275	1225.93	1290.95	
280	1194.53	1258.08	
285	1145.85	1207.12	
290	1081.49	1139.79	
295	1003.46	1058.18	
300	914.06	964.75	
305	815.88	862.26	
310	711.71	753.69	
315	604.46	642.21	
320	497.08	531.06	
325	392.47	423.59	
330	293.38	323.26	
335	202.34	233.97	
340	121.56	160.92	
345	52.85	112.62	
350	2.44	98.03	
355	43.44	108.09	

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