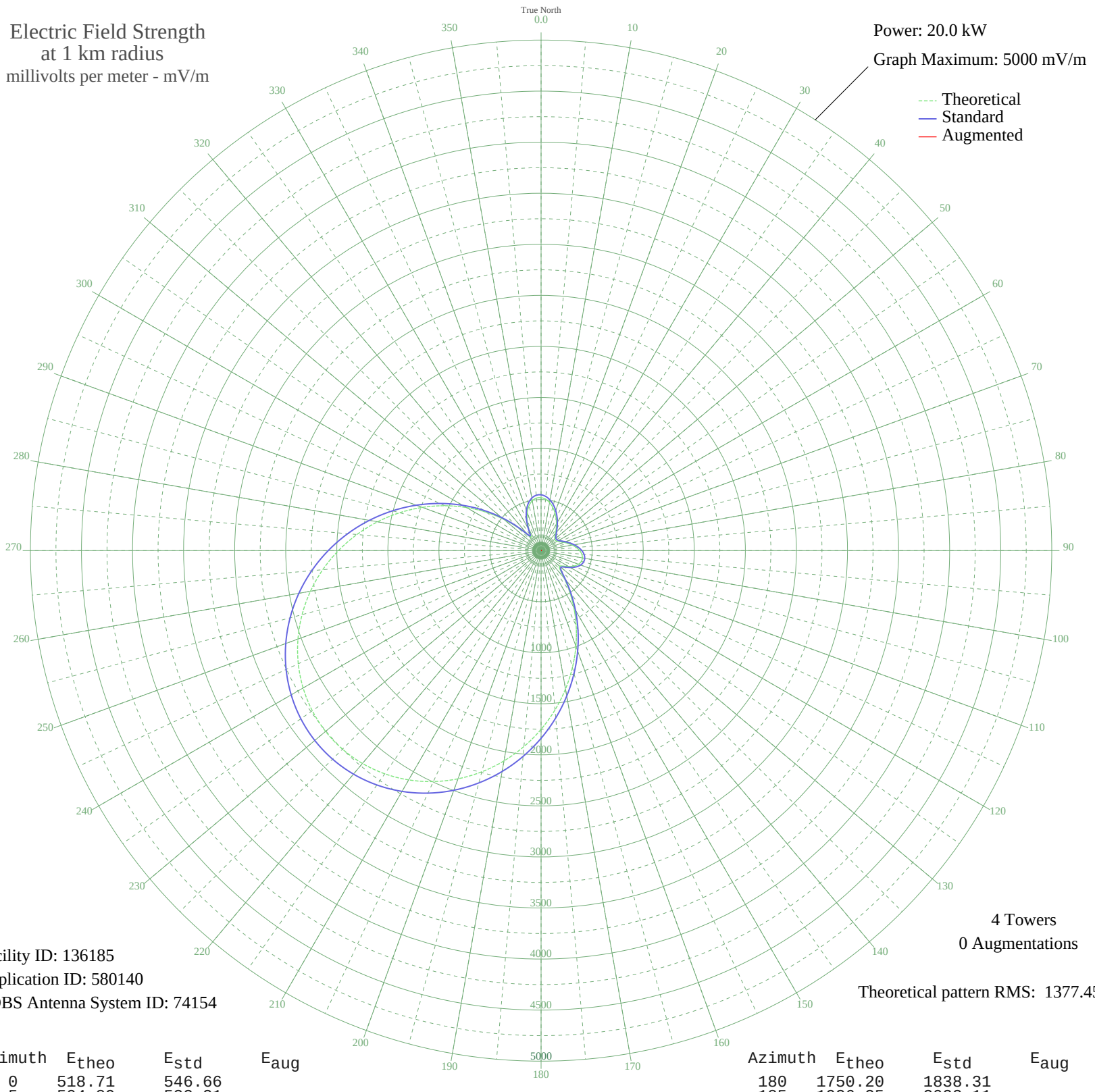
XECAQ PUERTO MORELOS, QR Mexico -- 740 kHz

Daytime

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



Power: 20.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 136185
Application ID: 580140
CDBS Antenna System ID: 74154

Theoretical pattern RMS: 1377.45

Azimuth	E_{theo}	E_{std}	E_{aug}
0	518.71	546.66	
5	504.89	532.21	
10	477.60	503.67	
15	440.02	464.40	
20	395.62	418.04	
25	347.95	368.35	
30	300.49	318.99	
35	256.52	273.41	
40	219.09	234.79	
45	191.04	206.01	
50	174.92	189.57	
55	172.40	187.01	
60	183.37	198.18	
65	205.82	221.15	
70	236.70	252.94	
75	272.71	290.17	
80	310.46	329.35	
85	346.51	366.85	
90	377.41	399.05	
95	399.85	422.46	
100	410.85	433.94	
105	408.03	431.00	
110	389.98	412.16	
115	356.84	377.61	
120	311.68	330.62	
125	263.99	281.14	
130	236.74	252.97	
135	263.38	280.51	
140	351.81	372.37	
145	482.64	508.95	
150	639.39	673.00	
155	812.60	854.53	
160	996.21	1047.07	
165	1185.56	1245.72	
170	1376.68	1446.27	
175	1565.99	1644.96	
180	1750.20	1838.31	
185	1926.25	2023.11	
190	2091.32	2196.39	
195	2242.79	2355.39	
200	2378.25	2497.60	
205	2495.54	2620.74	
210	2592.78	2722.82	
215	2668.34	2802.15	
220	2720.97	2857.41	
225	2749.77	2887.64	
230	2754.23	2892.32	
235	2734.27	2871.37	
240	2690.21	2825.11	
245	2622.78	2754.32	
250	2533.08	2660.15	
255	2422.54	2544.10	
260	2292.87	2407.97	
265	2146.04	2253.83	
270	1984.22	2083.96	
275	1809.79	1900.86	
280	1625.30	1707.21	
285	1433.46	1505.86	
290	1237.19	1299.90	
295	1039.64	1092.63	
300	844.21	887.66	
305	654.78	689.12	
310	476.23	502.24	
315	316.51	335.63	
320	195.96	211.04	
325	167.62	182.16	
330	233.04	249.16	
335	319.17	338.41	
340	395.99	418.43	
345	455.56	480.63	
350	495.68	522.57	
355	516.32	544.17	

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