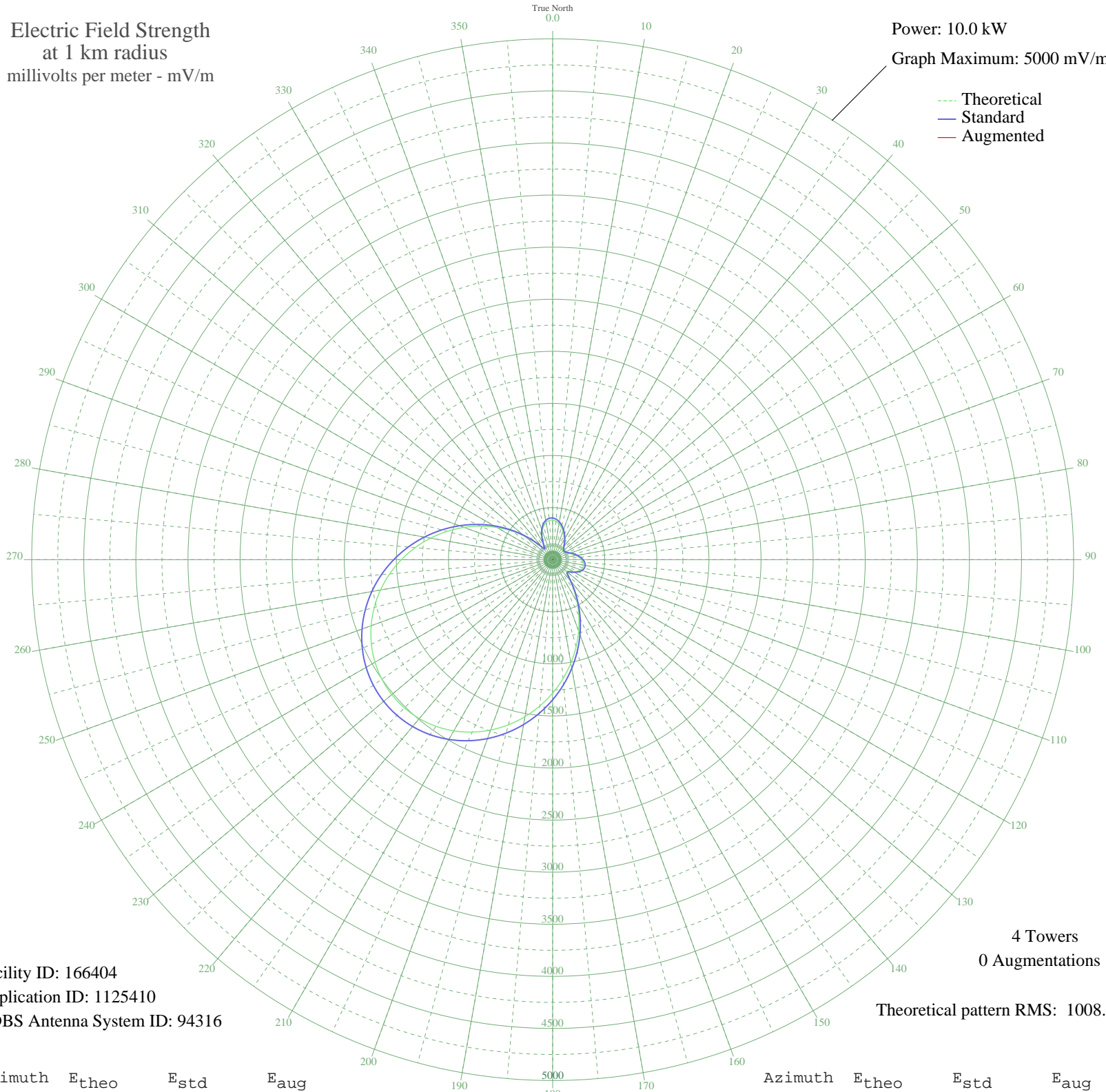


XECAQ PUERTO MORELOS, QR Mexico -- 740 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 166404
Application ID: 1125410
CDBS Antenna System ID: 94316

4 Towers
0 Augmentations
Theoretical pattern RMS: 1008.01

Azimuth	E _{theo}	E _{std}	E _{aug}
0	379.58	399.94	
5	369.47	389.36	
10	349.50	368.48	
15	322.00	339.73	
20	289.51	305.79	
25	254.62	269.41	
30	219.89	233.26	
35	187.72	199.88	
40	160.33	171.59	
45	139.80	150.50	
50	128.00	138.44	
55	126.16	136.57	
60	134.19	144.76	
65	150.62	161.59	
70	173.22	184.88	
75	199.57	212.16	
80	227.19	240.85	
85	253.57	268.31	
90	276.18	291.89	
95	292.60	309.02	
100	300.65	317.43	
105	298.59	315.28	
110	285.38	301.49	
115	261.13	276.19	
120	228.09	241.78	
125	193.19	205.55	
130	173.24	184.91	
135	192.74	205.08	
140	257.45	272.35	
145	353.19	372.33	
150	467.90	492.41	
155	594.65	625.27	
160	729.01	766.18	
165	867.58	911.56	
170	1007.44	1058.33	
175	1145.97	1203.73	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1280.77	1345.22	
185	1409.61	1480.46	
190	1530.40	1607.27	
195	1641.24	1723.62	
200	1740.37	1827.69	
205	1826.21	1917.80	
210	1897.36	1992.50	
215	1952.66	2050.56	
220	1991.17	2091.00	
225	2012.25	2113.12	
230	2015.51	2116.55	
235	2000.90	2101.21	
240	1968.66	2067.36	
245	1919.32	2015.56	
250	1853.68	1946.64	
255	1772.78	1861.72	
260	1677.89	1762.10	
265	1570.44	1649.30	
270	1452.03	1524.99	
275	1324.38	1391.00	
280	1189.37	1249.28	
285	1048.99	1101.94	
290	905.36	951.21	
295	760.79	799.52	
300	617.78	649.52	
305	479.16	504.21	
310	348.50	367.42	
315	231.62	245.45	
320	143.40	154.19	
325	122.66	133.01	
330	170.54	182.12	
335	233.57	247.48	
340	289.78	306.08	
345	333.37	351.61	
350	362.73	382.31	
355	377.84	398.12	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission