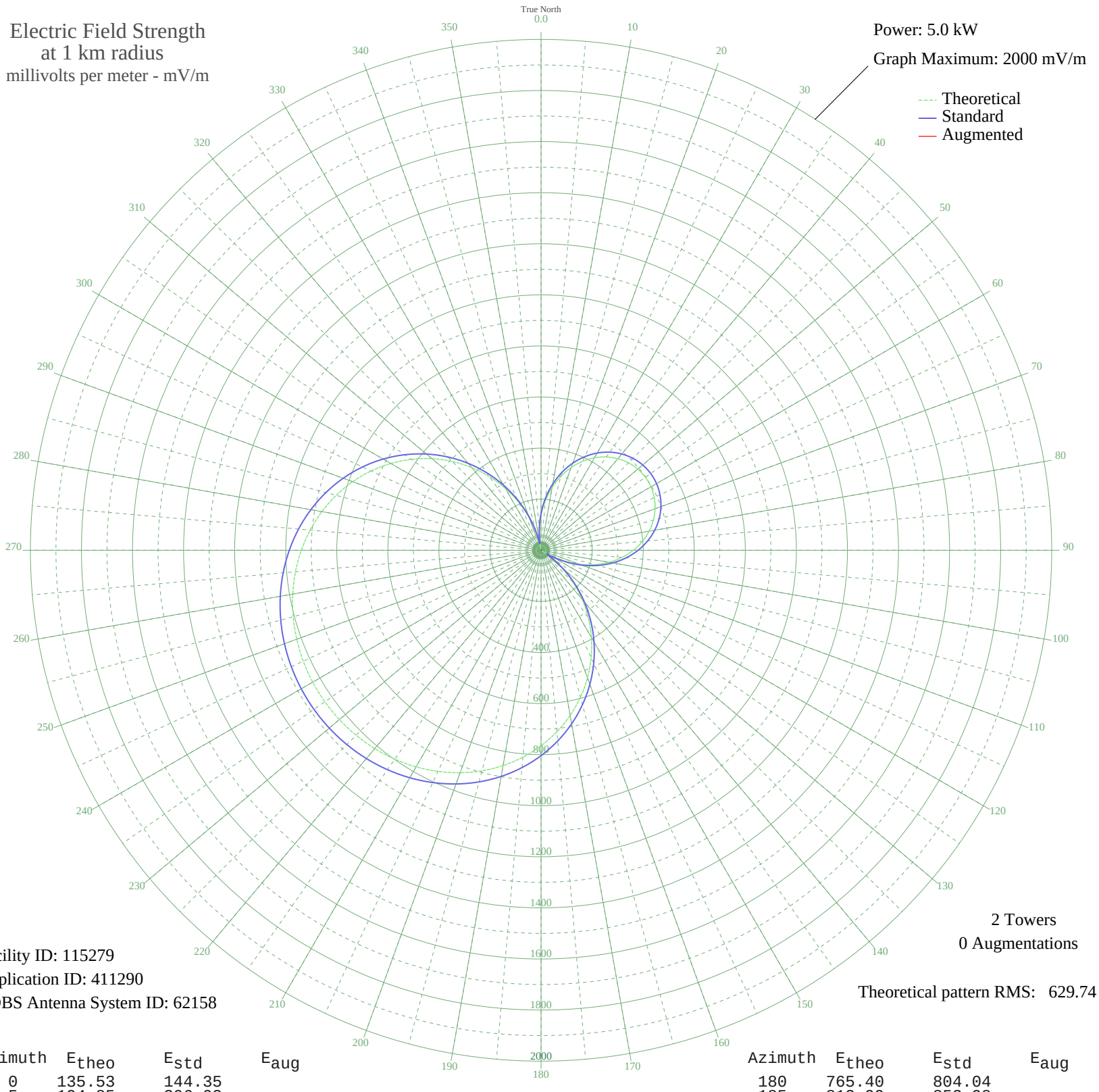
XEOBS2 CD.OBREGON, SO Mexico -- 1370 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 115279
Application ID: 411290
CDBS Antenna System ID: 62158

Theoretical pattern RMS: 629.74

Azimuth	E_{theo}	E_{std}	E_{aug}
0	135.53	144.35	
5	194.85	206.02	
10	249.76	263.36	
15	299.82	315.74	
20	344.70	362.74	
25	384.12	404.06	
30	417.90	439.46	
35	445.90	468.81	
40	468.00	492.00	
45	484.17	508.96	
50	494.37	519.65	
55	498.57	524.05	
60	496.77	522.17	
65	488.97	513.99	
70	475.19	499.53	
75	455.45	478.83	
80	429.80	451.94	
85	398.32	418.94	
90	361.13	379.96	
95	318.41	335.20	
100	270.39	284.93	
105	217.37	229.52	
110	159.76	169.48	
115	98.02	105.73	
120	32.72	42.02	
125	35.50	44.44	
130	105.95	113.85	
135	177.86	188.31	
140	250.44	264.07	
145	322.88	339.88	
150	394.37	414.80	
155	464.16	487.97	
160	531.53	558.63	
165	595.84	626.10	
170	656.53	689.79	
175	713.17	749.22	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	765.40	804.04	
185	812.99	853.98	
190	855.78	898.90	
195	893.74	938.74	
200	926.87	973.52	
205	955.28	1003.33	
210	979.07	1028.30	
215	998.39	1048.59	
220	1013.40	1064.34	
225	1024.23	1075.71	
230	1030.99	1082.81	
235	1033.76	1085.72	
240	1032.58	1084.47	
245	1027.42	1079.06	
250	1018.23	1069.41	
255	1004.90	1055.43	
260	987.32	1036.97	
265	965.34	1013.89	
270	938.80	986.03	
275	907.57	953.25	
280	871.55	915.44	
285	830.68	872.55	
290	785.00	824.61	
295	734.61	771.72	
300	679.70	714.09	
305	620.58	652.05	
310	557.65	586.03	
315	491.43	516.57	
320	422.53	444.32	
325	351.63	370.00	
330	279.47	294.44	
335	206.86	218.54	
340	134.58	143.37	
345	63.46	70.88	
350	5.75	24.93	
355	72.30	79.67	