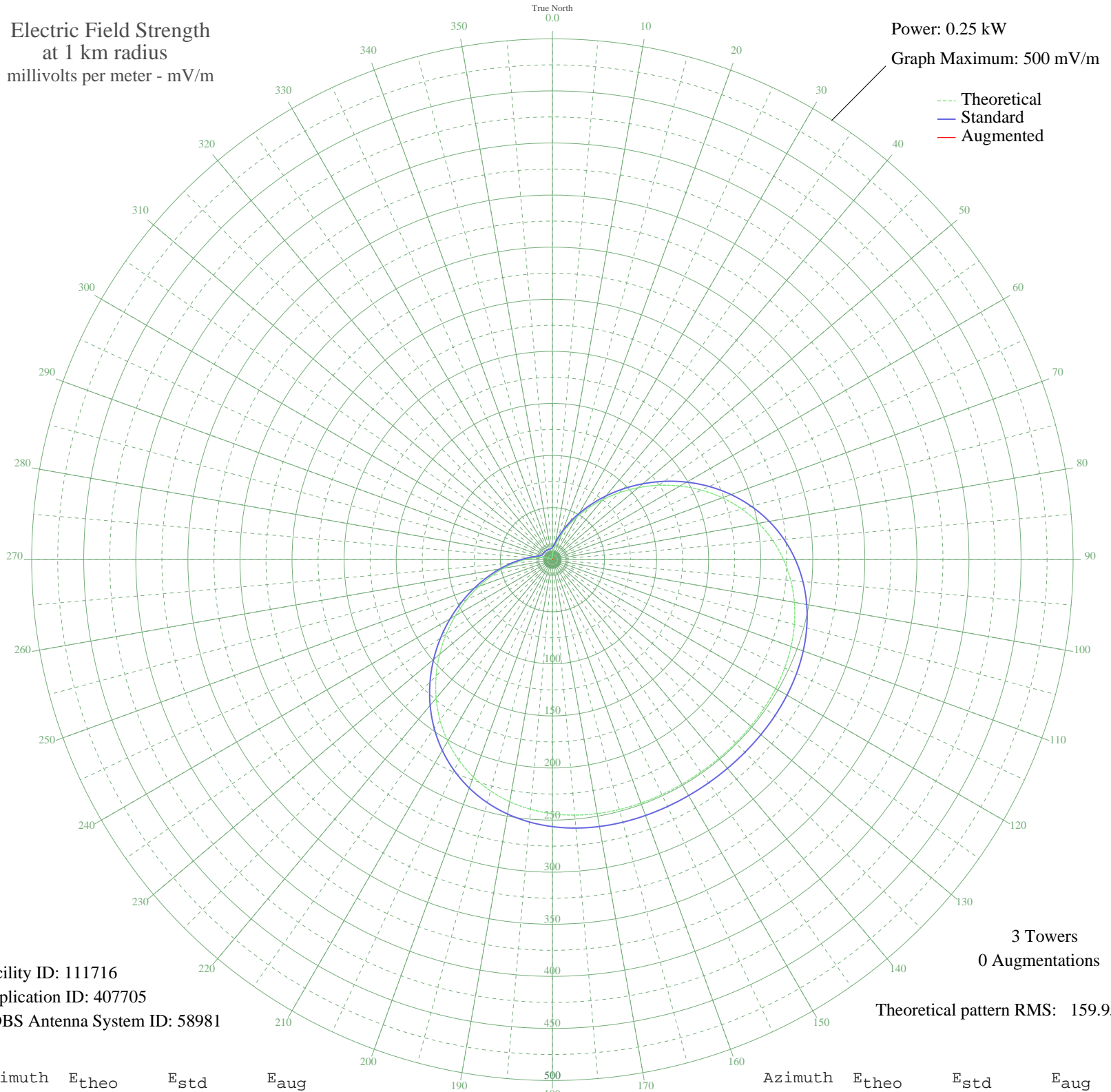


# XERSV1 CD.OBREGON, SO Mexico -- 810 kHz

Nighttime

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

Power: 0.25 kW  
Graph Maximum: 500 mV/m



Facility ID: 111716  
Application ID: 407705  
CDBS Antenna System ID: 58981

3 Towers  
0 Augmentations

Theoretical pattern RMS: 159.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4.99	11.73	
5	8.31	13.65	
10	12.94	17.17	
15	19.08	22.62	
20	26.89	30.12	
25	36.45	39.68	
30	47.76	51.24	
35	60.75	64.65	
40	75.23	79.68	
45	90.91	96.03	
50	107.45	113.31	
55	124.43	131.08	
60	141.42	148.86	
65	157.95	166.18	
70	173.64	182.62	
75	188.11	197.80	
80	201.10	211.42	
85	212.42	223.29	
90	221.98	233.32	
95	229.79	241.50	
100	235.93	247.95	
105	240.56	252.80	
110	243.88	256.29	
115	246.12	258.64	
120	247.52	260.11	
125	248.31	260.94	
130	248.69	261.33	
135	248.83	261.48	
140	248.86	261.52	
145	248.87	261.52	
150	248.86	261.52	
155	248.83	261.48	
160	248.69	261.33	
165	248.31	260.94	
170	247.52	260.11	
175	246.12	258.64	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	243.88	256.29	
185	240.56	252.80	
190	235.93	247.95	
195	229.79	241.50	
200	221.98	233.32	
205	212.42	223.29	
210	201.10	211.42	
215	188.11	197.80	
220	173.64	182.62	
225	157.96	166.18	
230	141.42	148.86	
235	124.43	131.08	
240	107.45	113.31	
245	90.91	96.03	
250	75.23	79.68	
255	60.75	64.65	
260	47.76	51.24	
265	36.45	39.68	
270	26.89	30.12	
275	19.08	22.62	
280	12.94	17.17	
285	8.31	13.65	
290	4.99	11.73	
295	2.75	10.89	
300	1.35	10.59	
305	0.56	10.52	
310	0.18	10.50	
315	0.04	10.50	
320	0.00	10.50	
325	0.00	10.50	
330	0.00	10.50	
335	0.04	10.50	
340	0.18	10.50	
345	0.56	10.52	
350	1.35	10.59	
355	2.75	10.89	

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