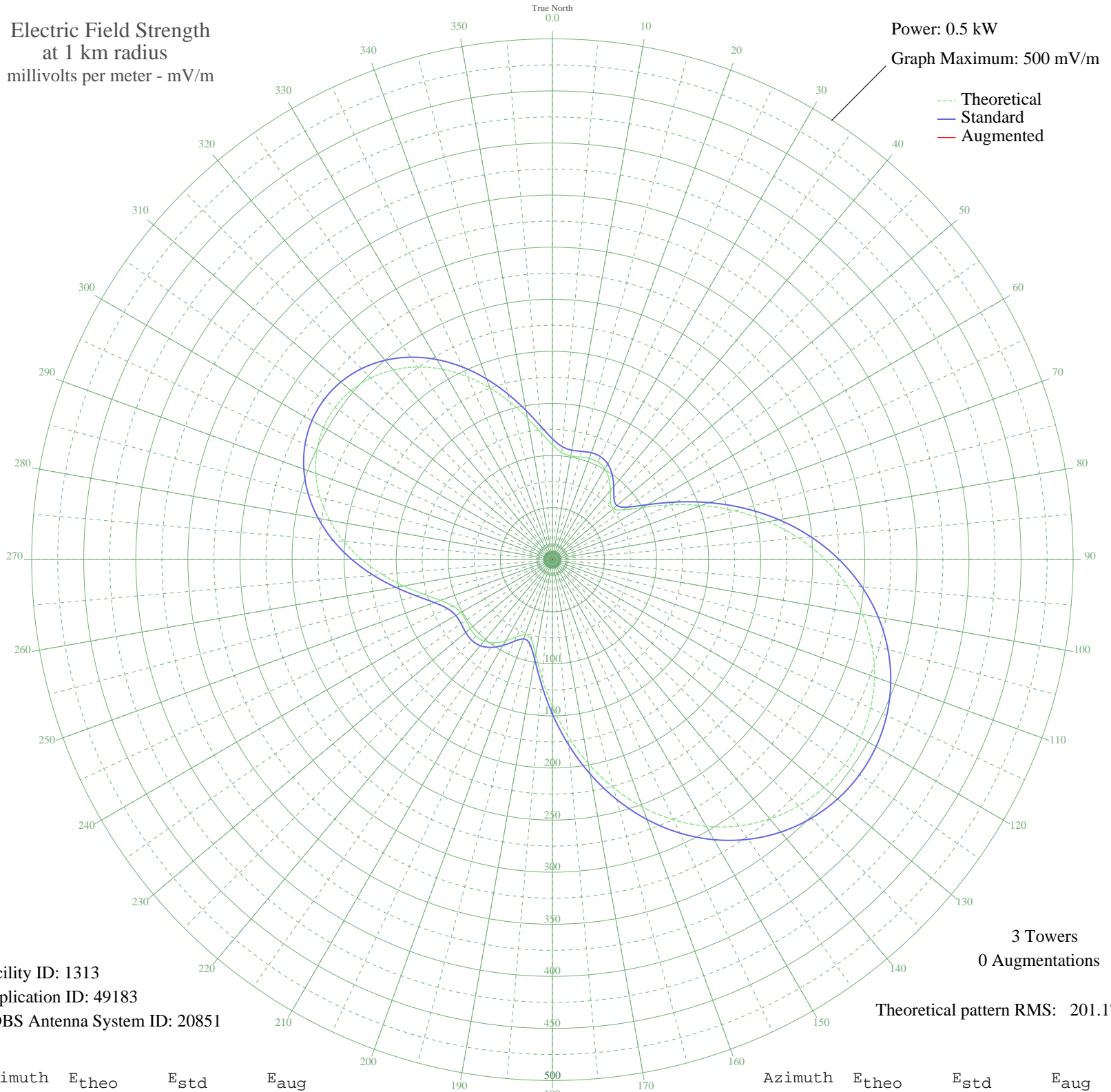


# KHOB HOBBS, NM BL-19821118AE 1390 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 1313  
Application ID: 49183  
CDBS Antenna System ID: 20851

3 Towers  
0 Augmentations

Theoretical pattern RMS: 201.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	110.11	116.09	
5	103.25	108.92	
10	101.16	106.73	
15	102.05	107.66	
20	103.51	109.20	
25	103.47	109.15	
30	100.63	106.18	
35	94.70	99.98	
40	86.62	91.55	
45	79.00	83.61	
50	76.35	80.85	
55	83.17	87.95	
60	100.11	105.64	
65	124.22	130.85	
70	152.13	160.08	
75	181.36	190.71	
80	210.16	220.92	
85	237.36	249.45	
90	262.14	275.44	
95	283.95	298.34	
100	302.48	317.78	
105	317.56	333.60	
110	329.11	345.73	
115	337.14	354.16	
120	341.67	358.91	
125	342.71	360.00	
130	340.28	357.45	
135	334.35	351.23	
140	324.92	341.32	
145	311.95	327.72	
150	295.48	310.43	
155	275.61	289.58	
160	252.56	265.39	
165	226.73	238.30	
170	198.78	208.98	
175	169.63	178.43	

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 <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	140.69	148.10	
185	113.95	120.10	
190	92.27	97.45	
195	79.15	83.77	
200	76.48	80.99	
205	81.74	86.47	
210	89.98	95.06	
215	97.41	102.82	
220	102.14	107.76	
225	103.77	109.47	
230	103.01	108.67	
235	101.49	107.08	
240	101.51	107.10	
245	105.37	111.14	
250	114.31	120.49	
255	128.04	134.86	
260	145.17	152.79	
265	163.99	172.50	
270	183.00	192.43	
275	201.02	211.33	
280	217.18	228.28	
285	230.88	242.65	
290	241.70	254.00	
295	249.39	262.07	
300	253.78	266.67	
305	254.80	267.74	
310	252.42	265.25	
315	246.70	259.25	
320	237.74	249.85	
325	225.72	237.24	
330	210.98	221.78	
335	193.99	203.96	
340	175.45	184.52	
345	156.36	164.51	
350	138.02	145.30	
355	122.05	128.58	