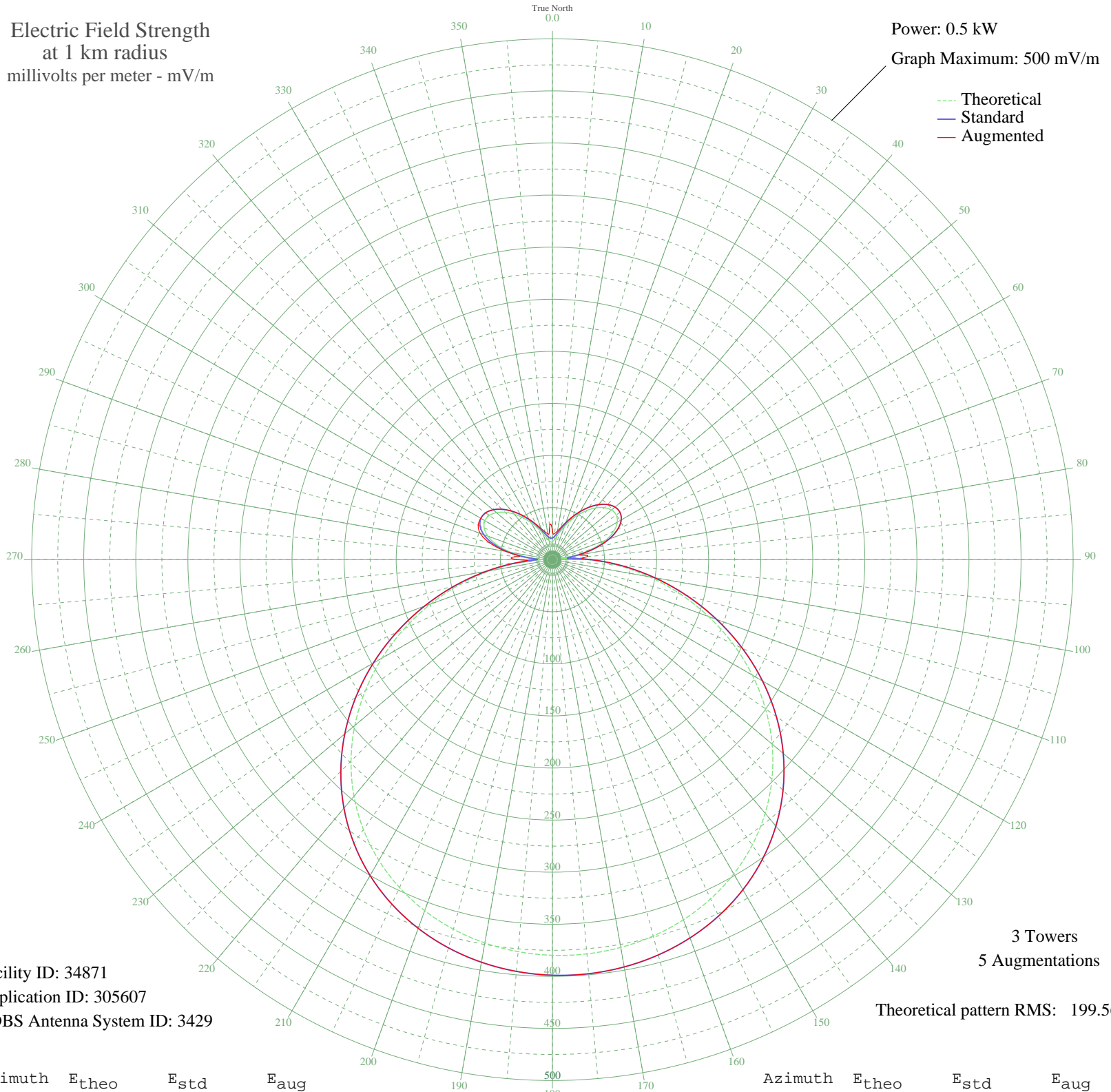


# KBIM ROSWELL, NM BL-- 910 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 34871  
Application ID: 305607  
CDBS Antenna System ID: 3429

3 Towers  
5 Augmentations  
Theoretical pattern RMS: 199.56

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	17.03	20.74	28.06
5	18.79	22.35	25.22
10	22.28	25.64	27.91
15	27.43	30.65	32.26
20	34.00	37.21	38.24
25	41.58	44.90	45.50
30	49.66	53.19	53.49
35	57.64	61.42	61.55
40	64.84	68.89	68.92
45	70.57	74.84	74.84
50	74.10	78.51	78.51
55	74.76	79.20	79.20
60	71.95	76.27	76.27
65	65.20	69.26	69.26
70	54.24	57.91	57.91
75	39.06	42.34	42.34
80	20.35	23.81	25.71
85	10.53	15.25	33.56
90	33.78	37.00	37.00
95	63.01	66.99	66.99
100	94.45	99.72	99.72
105	126.94	133.70	133.70
110	159.54	167.85	167.85
115	191.36	201.20	201.20
120	221.66	232.98	232.98
125	249.82	262.52	262.52
130	275.39	289.35	289.35
135	298.10	313.18	313.18
140	317.81	333.87	333.87
145	334.51	351.40	351.40
150	348.31	365.87	365.87
155	359.36	377.47	377.47
160	367.86	386.39	386.39
165	374.00	392.84	392.84
170	377.97	397.01	397.01
175	379.88	399.01	399.01

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.

06 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	379.80	398.93	398.93
185	377.73	396.76	396.76
190	373.59	392.41	392.41
195	367.26	385.77	385.77
200	358.57	376.64	376.64
205	347.31	364.82	364.82
210	333.29	350.11	350.11
215	316.35	332.33	332.33
220	296.40	311.39	311.39
225	273.45	287.32	287.32
230	247.66	260.25	260.25
235	219.31	230.51	230.51
240	188.86	198.58	198.58
245	156.95	165.13	165.13
250	124.33	130.97	130.97
255	91.88	97.04	97.04
260	60.57	64.46	64.46
265	31.60	34.80	34.80
270	9.63	14.58	33.03
275	21.92	25.29	33.22
280	40.42	43.72	45.02
285	55.28	58.98	62.43
290	65.89	69.98	73.64
295	72.31	76.65	78.58
300	74.83	79.27	79.46
305	73.91	78.32	78.32
310	70.18	74.43	74.43
315	64.31	68.34	68.38
320	57.02	60.78	60.93
325	49.01	52.52	52.87
330	40.95	44.26	44.92
335	33.43	36.64	37.75
340	26.96	30.19	31.89
345	21.93	25.31	27.67
350	18.58	22.16	25.10
355	16.96	20.68	31.24