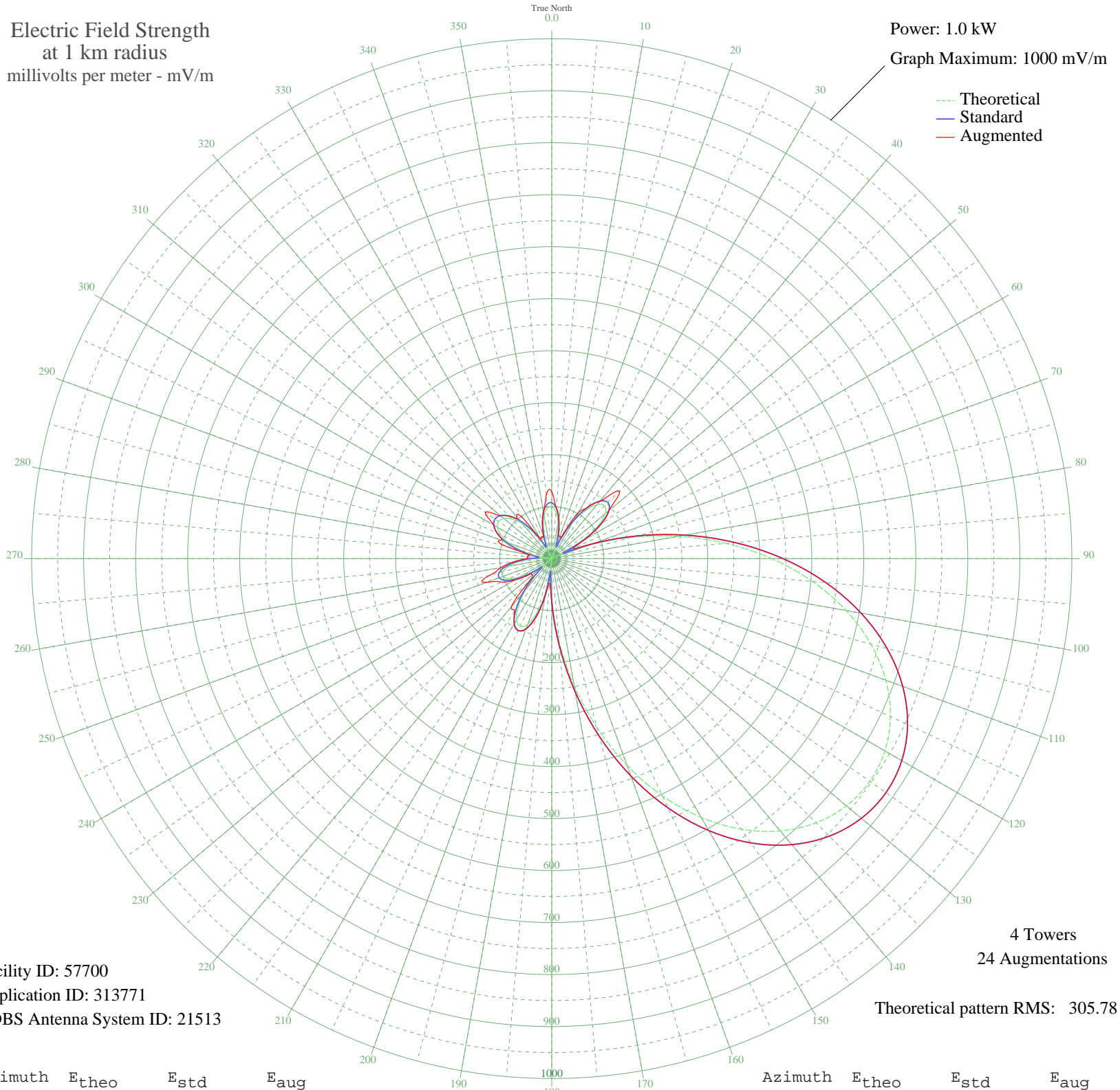


# KCRX ROSWELL, NM BL-- 1430 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 57700  
Application ID: 313771  
CDBS Antenna System ID: 21513

4 Towers  
24 Augmentations  
Theoretical pattern RMS: 305.78

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	99.85	107.54	128.89
5	90.88	98.38	98.38
10	70.41	77.70	77.70
15	39.89	48.25	50.82
20	2.12	24.04	46.14
25	39.03	47.46	50.08
30	78.92	86.25	102.58
35	112.60	120.63	120.63
40	135.45	144.22	144.22
45	143.61	152.68	184.08
50	134.47	143.21	143.44
55	106.92	114.79	115.80
60	61.44	68.81	71.62
65	0.10	23.94	45.62
70	74.62	81.92	84.30
75	158.30	167.93	168.62
80	246.98	260.43	260.56
85	336.49	354.13	354.13
90	423.03	444.83	444.83
95	503.33	529.04	529.04
100	574.75	603.96	603.96
105	635.28	667.48	667.48
110	683.53	718.10	718.10
115	718.53	754.84	754.84
120	739.73	777.09	777.09
125	746.83	784.54	784.54
130	739.73	777.09	777.09
135	718.53	754.84	754.84
140	683.53	718.10	718.10
145	635.28	667.48	667.48
150	574.75	603.96	603.96
155	503.33	529.04	529.04
160	423.03	444.83	444.83
165	336.49	354.13	354.13
170	246.98	260.43	260.61
175	158.30	167.93	168.87

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	74.62	81.92	85.17
185	0.10	23.94	47.47
190	61.44	68.81	72.64
195	106.92	114.79	116.17
200	134.47	143.21	143.53
205	143.61	152.68	152.68
210	135.45	144.22	144.22
215	112.60	120.63	124.48
220	78.92	86.25	120.73
225	39.03	47.46	59.93
230	2.12	24.04	49.09
235	39.89	48.25	54.67
240	70.41	77.70	83.49
245	90.88	98.38	106.55
250	99.85	107.54	133.28
255	97.14	104.77	123.29
260	83.75	91.14	99.22
265	61.58	68.95	74.70
270	33.16	42.25	48.84
275	1.28	23.98	47.93
280	31.20	40.58	45.81
285	61.66	69.03	89.79
290	87.82	95.26	104.00
295	107.83	115.72	115.79
300	120.37	128.63	128.63
305	124.64	133.04	155.95
310	120.37	128.63	128.63
315	107.83	115.72	115.79
320	87.82	95.26	104.00
325	61.66	69.03	89.76
330	31.20	40.58	45.26
335	1.28	23.98	47.10
340	33.16	42.25	46.51
345	61.58	68.95	69.24
350	83.75	91.14	91.14
355	97.14	104.77	121.56