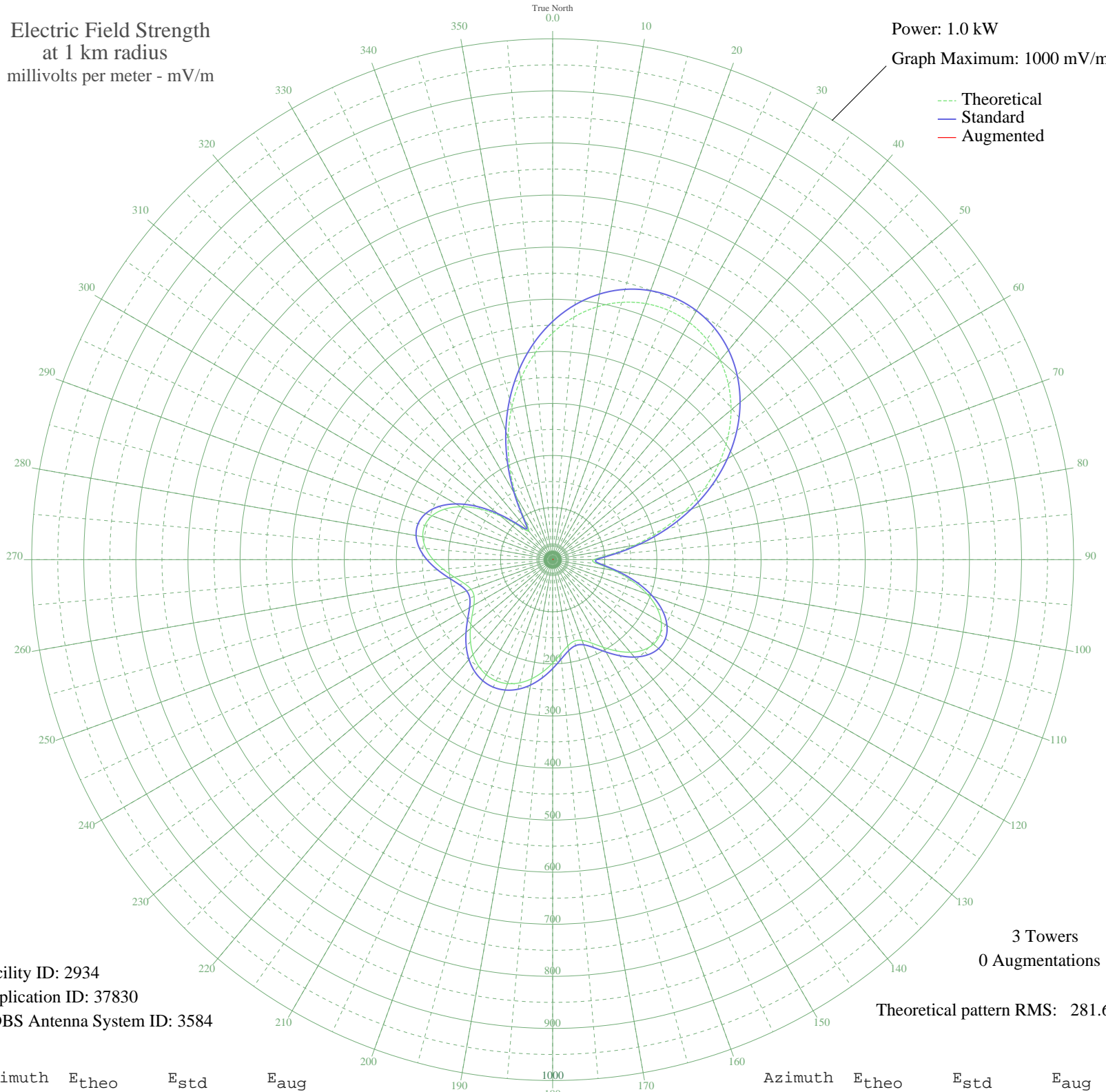


# KVEL VERNAL, UT BL-19820107AO 920 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 2934  
Application ID: 37830  
CDBS Antenna System ID: 3584

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 281.64

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	435.33	457.39	
5	467.44	491.09	
10	492.89	517.80	
15	511.49	537.32	
20	523.14	549.55	
25	527.82	554.46	
30	525.51	552.03	
35	516.21	542.27	
40	499.97	525.22	
45	476.84	500.96	
50	446.99	469.63	
55	410.68	431.54	
60	368.38	387.15	
65	320.79	337.23	
70	268.95	282.88	
75	214.44	225.77	
80	159.81	168.61	
85	110.18	116.87	
90	78.75	84.33	
95	85.43	91.21	
100	119.10	126.14	
105	157.97	166.69	
110	193.20	203.53	
115	221.35	233.00	
120	240.86	253.44	
125	251.15	264.23	
130	252.42	265.55	
135	245.51	258.32	
140	231.95	244.11	
145	213.93	225.23	
150	194.31	204.70	
155	176.67	186.24	
160	164.85	173.88	
165	161.82	170.71	
170	168.09	177.26	
175	181.46	191.25	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	198.56	209.14	
185	216.24	227.66	
190	232.20	244.37	
195	244.85	257.62	
200	253.19	266.37	
205	256.68	270.02	
210	255.11	268.37	
215	248.59	261.54	
220	237.58	250.01	
225	222.95	234.68	
230	206.08	217.02	
235	189.05	199.19	
240	174.70	184.18	
245	166.36	175.46	
250	166.63	175.74	
255	175.87	185.41	
260	191.83	202.09	
265	210.86	222.02	
270	229.35	241.38	
275	244.20	256.94	
280	253.03	266.19	
285	254.10	267.31	
290	246.32	259.17	
295	229.28	241.31	
300	203.25	214.05	
305	169.37	178.60	
310	130.12	137.62	
315	91.58	97.57	
320	71.58	76.96	
325	92.85	98.89	
330	139.91	147.83	
335	194.50	204.89	
340	249.91	262.93	
345	303.18	318.76	
350	352.54	370.54	
355	396.85	417.02	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission