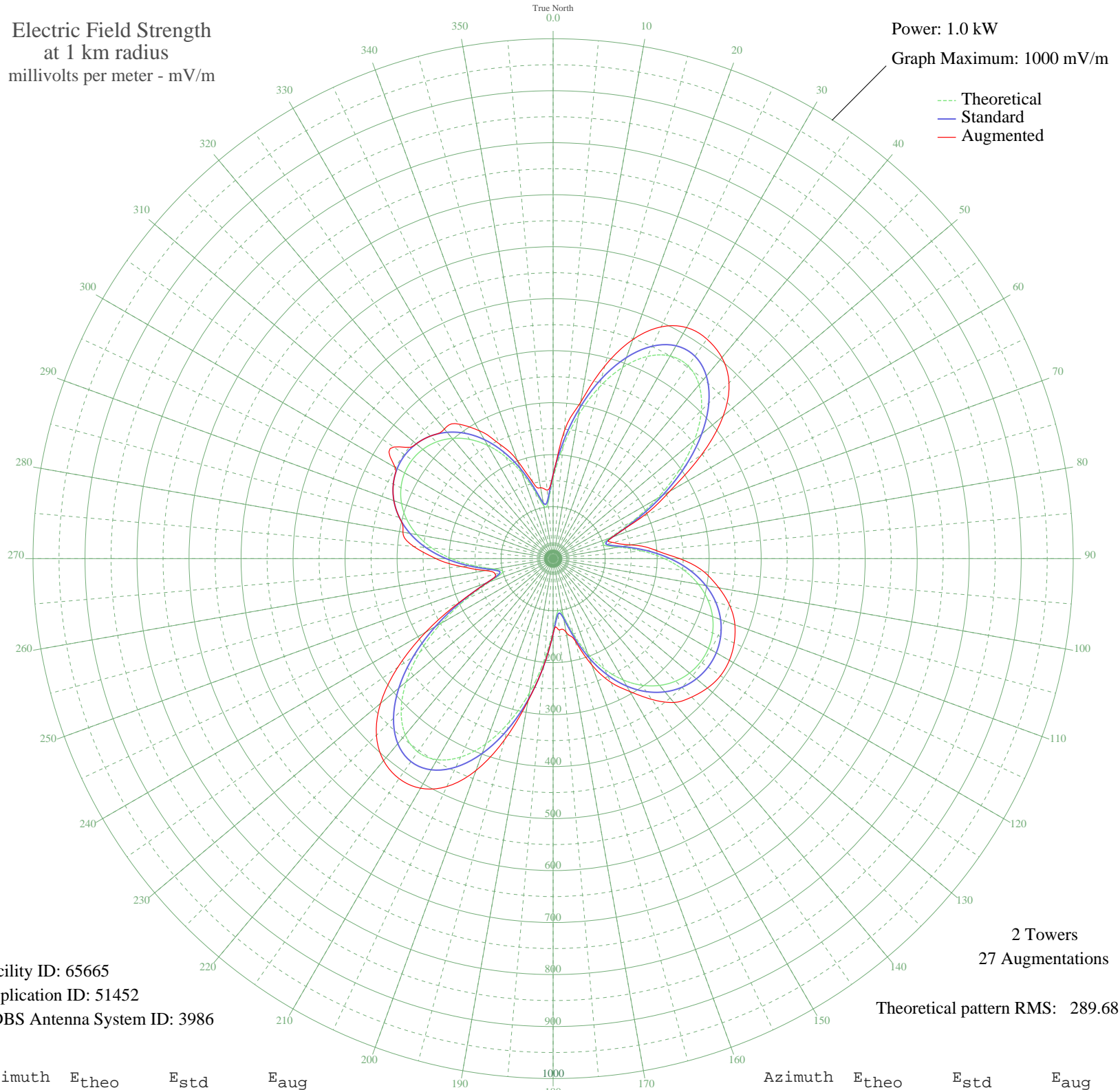


# KOVO PROVO, UT BL-19830118AH 960 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 65665  
Application ID: 51452  
CDBS Antenna System ID: 3986

2 Towers  
27 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	153.49	161.50	161.50
5	215.10	226.10	246.21
10	279.95	294.14	305.55
15	340.59	357.78	383.54
20	391.74	411.46	448.67
25	429.25	450.83	491.94
30	450.12	472.74	513.21
35	452.64	475.38	515.51
40	436.55	458.50	504.89
45	403.10	423.38	478.23
50	354.87	372.76	426.98
55	295.71	310.67	348.68
60	230.62	242.38	258.69
65	166.49	175.13	187.01
70	115.52	121.75	121.75
75	100.54	106.09	120.02
80	127.65	134.44	151.86
85	170.87	179.72	195.32
90	214.15	225.10	243.40
95	252.24	265.06	291.39
100	283.64	298.01	323.65
105	308.18	323.76	351.97
110	326.22	342.69	371.92
115	338.27	355.34	384.08
120	344.81	362.21	391.28
125	346.15	363.61	392.77
130	342.34	359.61	387.27
135	333.20	350.01	376.65
140	318.34	334.42	361.17
145	297.24	312.28	330.53
150	269.43	283.10	295.16
155	234.74	246.71	262.32
160	193.83	203.80	217.64
165	149.51	157.34	163.30
170	110.93	116.95	143.43
175	101.72	107.33	138.07

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	137.14	144.38	144.38
185	196.58	206.67	206.67
190	262.23	275.54	277.97
195	325.19	341.61	360.64
200	379.65	398.77	433.64
205	421.19	442.37	483.72
210	446.55	469.00	509.87
215	453.77	476.57	516.48
220	442.32	464.55	507.15
225	413.16	433.95	480.46
230	368.66	387.24	433.12
235	312.38	328.16	364.85
240	248.97	261.63	282.89
245	184.51	194.02	198.88
250	128.63	135.47	135.47
255	100.11	105.64	115.27
260	114.73	120.93	131.86
265	153.39	161.40	176.11
270	195.63	205.68	225.31
275	233.94	245.86	269.16
280	266.02	279.52	293.20
285	291.35	306.10	306.10
290	310.13	325.80	325.80
295	322.75	339.05	339.05
300	329.62	346.27	350.57
305	331.03	347.74	374.23
310	327.02	343.53	343.53
315	317.43	333.46	333.46
320	301.91	317.18	325.32
325	280.03	294.22	315.79
330	251.46	264.24	284.14
335	216.25	227.30	242.88
340	175.57	184.65	200.66
345	133.53	140.60	152.71
350	102.89	108.54	138.41
355	108.77	114.69	132.25