

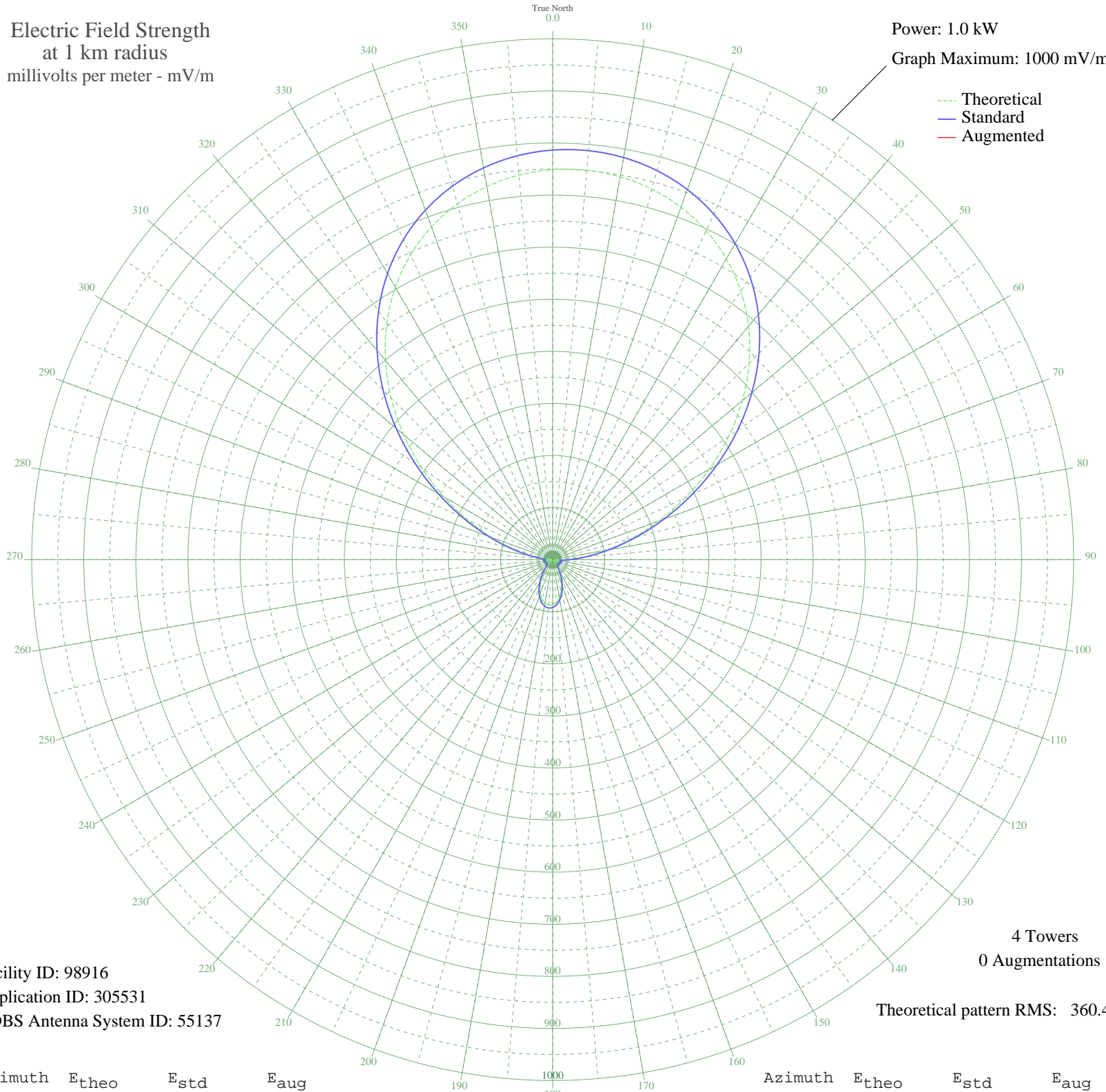
NEW IDAHO FALLS, ID -- 870 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98916
Application ID: 305531
CDBS Antenna System ID: 55137

4 Towers
0 Augmentations
Theoretical pattern RMS: 360.49

Azimuth	E _{theo}	E _{std}	E _{aug}
0	748.85	786.40	
5	750.61	788.25	
10	746.50	783.94	
15	736.41	773.35	
20	720.06	756.18	
25	697.06	732.03	
30	667.03	700.50	
35	629.68	661.30	
40	584.98	614.37	
45	533.25	560.06	
50	475.30	499.24	
55	412.48	433.31	
60	346.71	364.28	
65	280.35	294.66	
70	216.06	227.24	
75	156.54	164.90	
80	104.26	110.26	
85	61.10	65.51	
90	28.19	32.42	
95	5.71	14.52	
100	7.12	15.20	
105	11.90	18.20	
110	10.82	17.43	
115	6.33	14.80	
120	0.87	13.26	
125	3.48	13.72	
130	5.19	14.30	
135	3.36	13.69	
140	2.24	13.43	
145	11.26	17.74	
150	22.92	27.46	
155	36.15	40.20	
160	49.76	53.90	
165	62.57	67.02	
170	73.52	78.32	
175	81.74	86.84	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	86.60	91.89	
185	87.74	93.08	
190	85.09	90.31	
195	78.82	83.81	
200	69.42	74.09	
205	57.62	61.93	
210	44.35	48.41	
215	30.75	34.89	
220	18.01	23.07	
225	7.29	15.28	
230	0.44	13.24	
235	4.54	14.06	
240	4.90	14.19	
245	1.99	13.39	
250	3.03	13.60	
255	8.37	15.88	
260	11.80	18.12	
265	10.83	17.44	
270	3.06	13.61	
275	13.48	19.37	
280	40.09	44.13	
285	77.18	82.11	
290	124.17	131.04	
295	179.61	189.05	
300	241.35	253.76	
305	306.80	322.41	
310	373.23	392.11	
315	438.08	460.17	
320	499.15	524.27	
325	554.74	582.63	
330	603.73	634.05	
335	645.51	677.91	
340	679.91	714.02	
345	707.08	742.56	
350	727.38	763.86	
355	741.18	778.35	