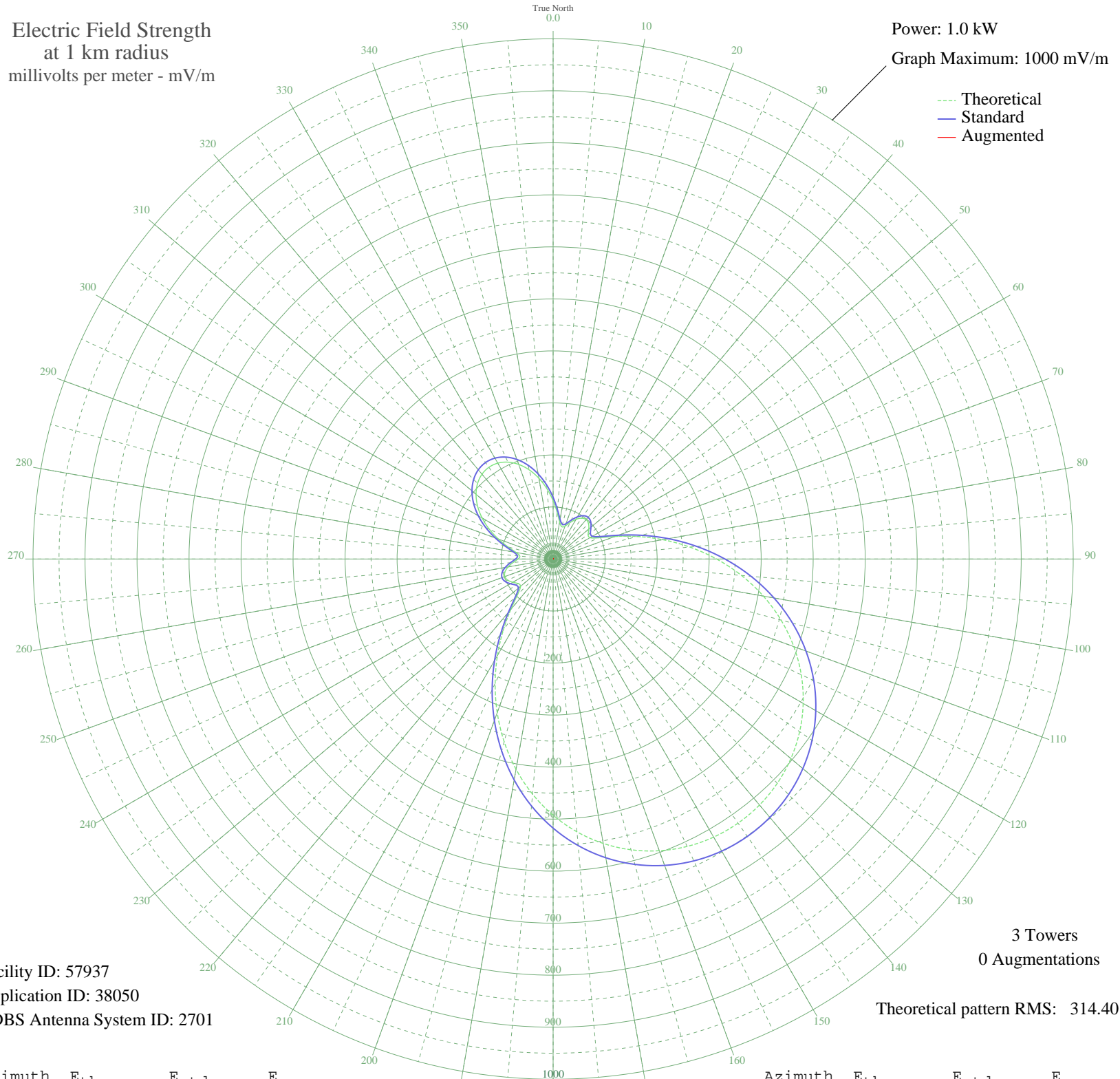


# WTHH HEATH, OH BL-19820118AK 790 kHz

Daytime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 57937  
Application ID: 38050  
CDBS Antenna System ID: 2701

3 Towers  
0 Augmentations

Theoretical pattern RMS: 314.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	111.97	118.41	
5	89.75	95.29	
10	72.27	77.17	
15	64.20	68.86	
20	67.32	72.08	
25	77.22	82.30	
30	88.01	93.48	
35	95.84	101.61	
40	98.77	104.66	
45	96.26	102.05	
50	89.47	94.99	
55	82.16	87.41	
60	81.91	87.15	
65	96.53	102.33	
70	126.52	133.59	
75	167.13	176.05	
80	213.93	225.07	
85	263.75	277.30	
90	314.26	330.27	
95	363.64	382.08	
100	410.48	431.23	
105	453.70	476.59	
110	492.53	517.34	
115	526.46	552.96	
120	555.21	583.14	
125	578.65	607.75	
130	596.78	626.78	
135	609.65	640.29	
140	617.34	648.36	
145	619.89	651.04	
150	617.34	648.36	
155	609.65	640.29	
160	596.78	626.78	
165	578.65	607.75	
170	555.21	583.14	
175	526.46	552.96	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	492.53	517.34	
185	453.70	476.59	
190	410.48	431.23	
195	363.64	382.08	
200	314.26	330.27	
205	263.75	277.30	
210	213.93	225.07	
215	167.13	176.05	
220	126.52	133.59	
225	96.53	102.33	
230	81.91	87.15	
235	82.16	87.41	
240	89.47	94.99	
245	96.26	102.05	
250	98.77	104.66	
255	95.84	101.61	
260	88.01	93.48	
265	77.22	82.30	
270	67.32	72.08	
275	64.20	68.86	
280	72.27	77.17	
285	89.75	95.29	
290	111.97	118.41	
295	135.34	142.80	
300	157.59	166.07	
305	177.29	186.69	
310	193.45	203.61	
315	205.41	216.14	
320	212.75	223.83	
325	215.22	226.42	
330	212.75	223.83	
335	205.41	216.14	
340	193.45	203.61	
345	177.29	186.69	
350	157.59	166.07	
355	135.34	142.80	

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