

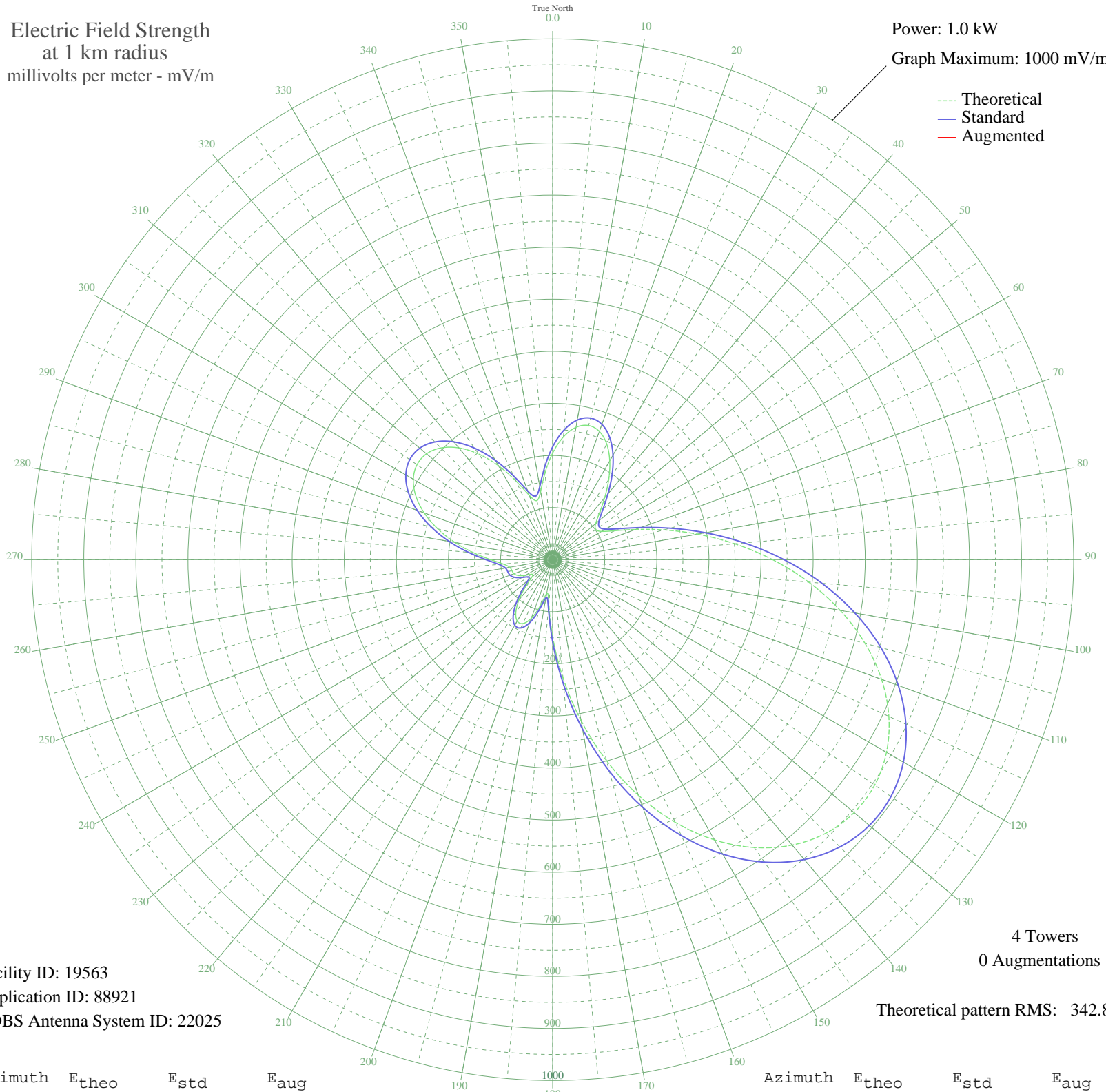
# WGMF TUNKHANNOCK, PA BL-19860605AG 1460 kHz

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: 19563  
Application ID: 88921  
CDBS Antenna System ID: 22025

4 Towers  
0 Augmentations

Theoretical pattern RMS: 342.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	204.70	216.60	
5	236.56	249.83	
10	258.01	272.23	
15	266.67	281.28	
20	262.03	276.44	
25	245.31	258.97	
30	219.21	231.73	
35	187.66	198.86	
40	155.36	165.31	
45	127.24	136.26	
50	107.87	116.40	
55	100.87	109.26	
60	108.48	117.02	
65	131.53	140.69	
70	169.53	180.02	
75	220.72	233.30	
80	282.28	297.61	
85	350.75	369.26	
90	422.35	444.28	
95	493.40	518.76	
100	560.51	589.15	
105	620.81	652.41	
110	671.94	706.05	
115	712.09	748.18	
120	739.94	777.40	
125	754.59	792.77	
130	755.48	793.70	
135	742.36	779.94	
140	715.28	751.53	
145	674.63	708.87	
150	621.18	652.79	
155	556.17	584.59	
160	481.44	506.22	
165	399.50	420.33	
170	313.59	330.36	
175	227.89	240.78	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	148.06	157.76	
185	84.86	93.05	
190	65.65	73.97	
195	91.41	99.66	
200	119.63	128.44	
205	135.33	144.60	
210	136.06	145.36	
215	123.23	132.14	
220	100.48	108.86	
225	73.64	81.85	
230	52.14	60.97	
235	48.47	57.53	
240	59.84	68.32	
245	72.03	80.25	
250	78.86	87.04	
255	80.97	89.14	
260	83.82	92.00	
265	95.26	103.56	
270	119.09	127.89	
275	152.50	162.36	
280	190.40	201.72	
285	228.21	241.12	
290	262.30	276.71	
295	289.87	305.55	
300	308.87	325.43	
305	317.89	334.86	
310	316.10	332.99	
315	303.34	319.64	
320	280.07	295.29	
325	247.57	261.33	
330	208.29	220.34	
335	166.71	177.09	
340	131.50	140.66	
345	117.34	126.09	
350	133.07	142.27	
355	167.22	177.62	