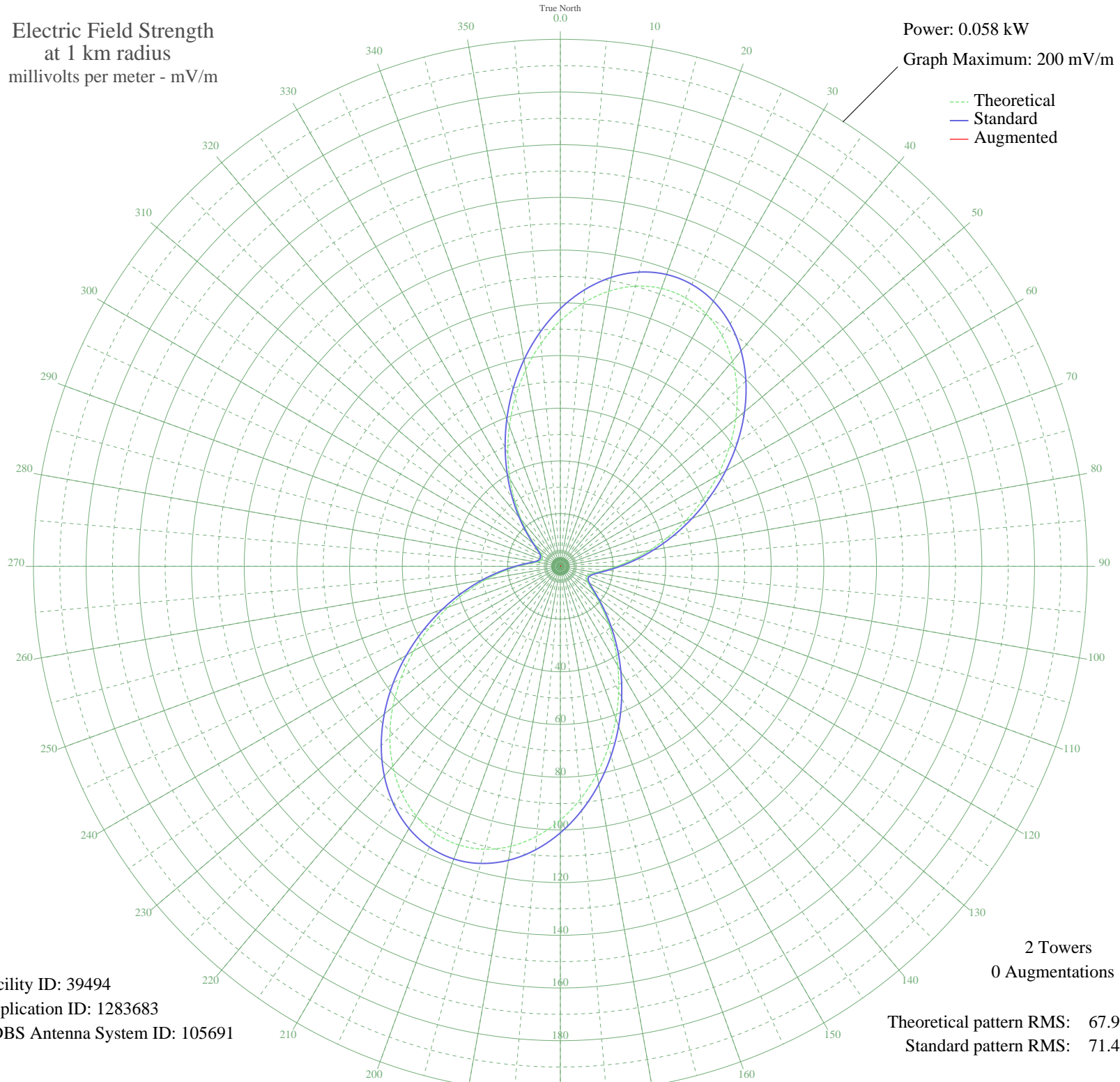


WHGT MAUGANSVILLE, MD BP-20071206ACV 1590 kHz

Nighttime

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

Power: 0.058 kW
Graph Maximum: 200 mV/m



Facility ID: 39494
Application ID: 1283683
CDBS Antenna System ID: 105691

2 Towers
0 Augmentations

Theoretical pattern RMS: 67.90
Standard pattern RMS: 71.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	93.11	97.79	
5	100.28	105.32	
10	106.01	111.34	
15	110.05	115.58	
20	112.21	117.85	
25	112.41	118.05	
30	110.63	116.19	
35	106.97	112.35	
40	101.62	106.73	
45	94.82	99.59	
50	86.88	91.26	
55	78.15	82.09	
60	68.96	72.46	
65	59.67	62.71	
70	50.59	53.18	
75	42.01	44.18	
80	34.16	35.96	
85	27.26	28.73	
90	21.46	22.68	
95	16.90	17.92	
100	13.62	14.52	
105	11.60	12.44	
110	10.71	11.53	
115	10.81	11.62	
120	11.91	12.76	
125	14.17	15.09	
130	17.71	18.76	
135	22.53	23.79	
140	28.56	30.09	
145	35.66	37.53	
150	43.67	45.93	
155	52.38	55.06	
160	61.52	64.65	
165	70.82	74.40	
170	79.94	83.98	
175	88.55	93.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	96.28	101.13	
185	102.81	107.98	
190	107.84	113.27	
195	111.14	116.72	
200	112.53	118.18	
205	111.94	117.56	
210	109.39	114.89	
215	104.99	110.27	
220	98.95	103.93	
225	91.52	96.13	
230	83.03	87.22	
235	73.82	77.55	
240	64.24	67.50	
245	54.64	57.42	
250	45.32	47.66	
255	36.58	38.49	
260	28.66	30.19	
265	21.76	22.99	
270	16.10	17.10	
275	11.87	12.72	
280	9.18	9.96	
285	7.88	8.65	
290	7.48	8.25	
295	7.51	8.28	
300	8.05	8.82	
305	9.59	10.38	
310	12.59	13.46	
315	17.13	18.16	
320	23.05	24.33	
325	30.16	31.77	
330	38.27	40.26	
335	47.15	49.57	
340	56.54	59.43	
345	66.17	69.53	
350	75.70	79.53	
355	84.80	89.08	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission