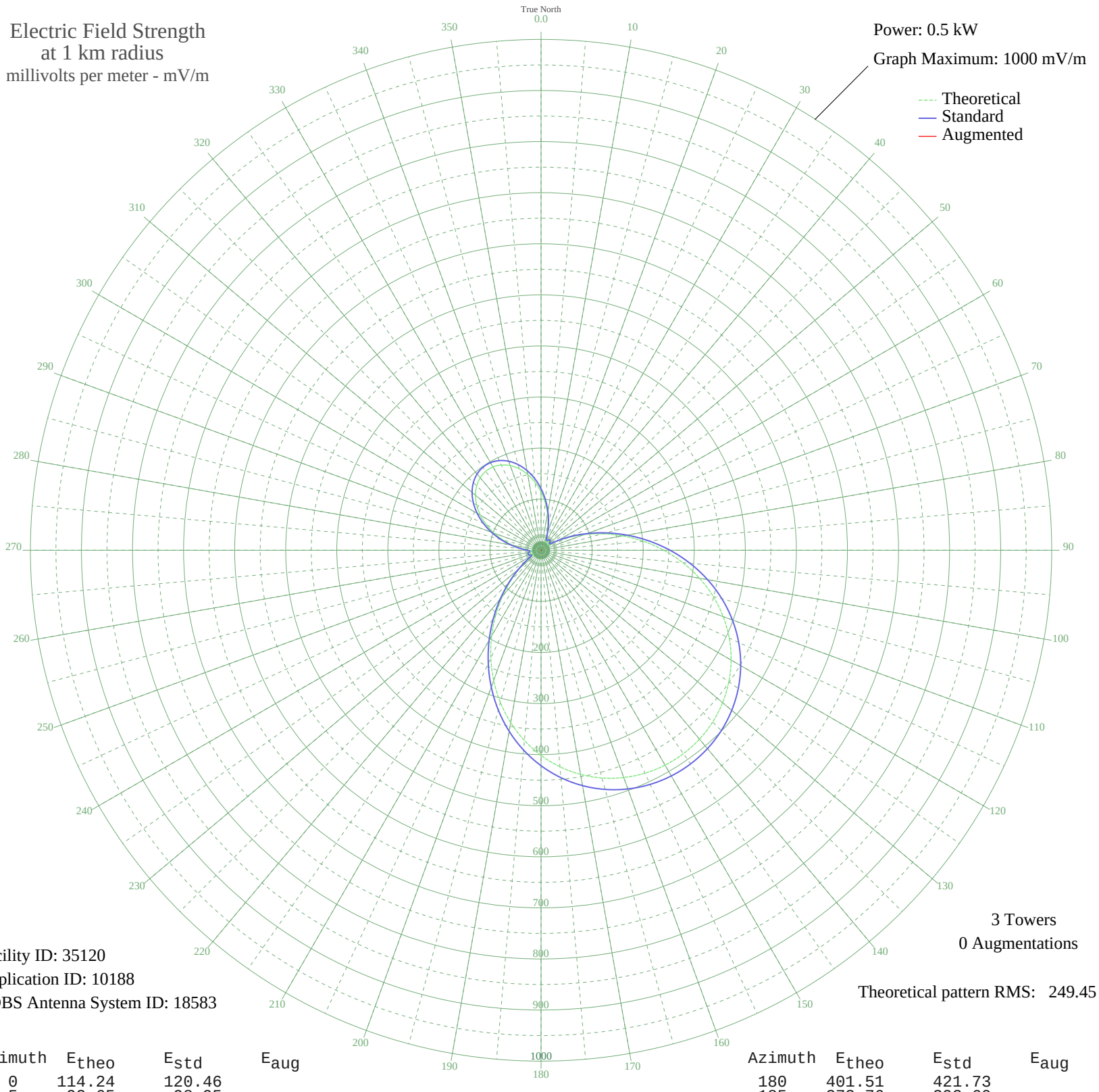
WJSS HAVRE DE GRACE, MD BL-19790515AF 1330 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 35120
Application ID: 10188
CDBS Antenna System ID: 18583

Theoretical pattern RMS: 249.45

Azimuth	E_{theo}	E_{std}	E_{aug}
0	114.24	120.46	
5	93.65	98.95	
10	72.63	77.06	
15	52.34	56.05	
20	34.36	37.72	
25	21.47	25.09	
30	17.85	21.74	
35	20.89	24.55	
40	23.10	26.64	
45	21.55	25.17	
50	17.28	21.23	
55	18.94	22.74	
60	34.66	38.03	
65	59.50	63.44	
70	90.12	95.26	
75	124.86	131.56	
80	162.34	170.81	
85	201.28	211.63	
90	240.44	252.71	
95	278.73	292.87	
100	315.17	331.11	
105	348.99	366.61	
110	379.61	398.74	
115	406.61	427.08	
120	429.76	451.38	
125	448.93	471.50	
130	464.10	487.43	
135	475.31	499.20	
140	482.61	506.86	
145	486.06	510.48	
150	485.68	510.08	
155	481.46	505.66	
160	473.38	497.18	
165	461.39	484.58	
170	445.41	467.81	
175	425.44	446.85	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	401.51	421.73	
185	373.76	392.60	
190	342.47	359.76	
195	308.07	323.66	
200	271.19	284.96	
205	232.65	244.53	
210	193.44	203.41	
215	154.69	162.80	
220	117.65	124.02	
225	83.62	88.49	
230	54.00	57.76	
235	30.62	33.99	
240	17.46	21.39	
245	18.10	21.97	
250	22.18	25.76	
255	22.93	26.47	
260	20.18	23.88	
265	17.78	21.68	
270	23.43	26.95	
275	37.66	41.05	
280	56.27	60.10	
285	76.82	81.41	
290	97.84	103.32	
295	118.22	124.62	
300	137.09	144.37	
305	153.73	161.79	
310	167.57	176.29	
315	178.20	187.43	
320	185.31	194.89	
325	188.72	198.46	
330	188.34	198.06	
335	184.18	193.70	
340	176.35	185.49	
345	165.05	173.65	
350	150.61	158.52	
355	133.48	140.58	

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