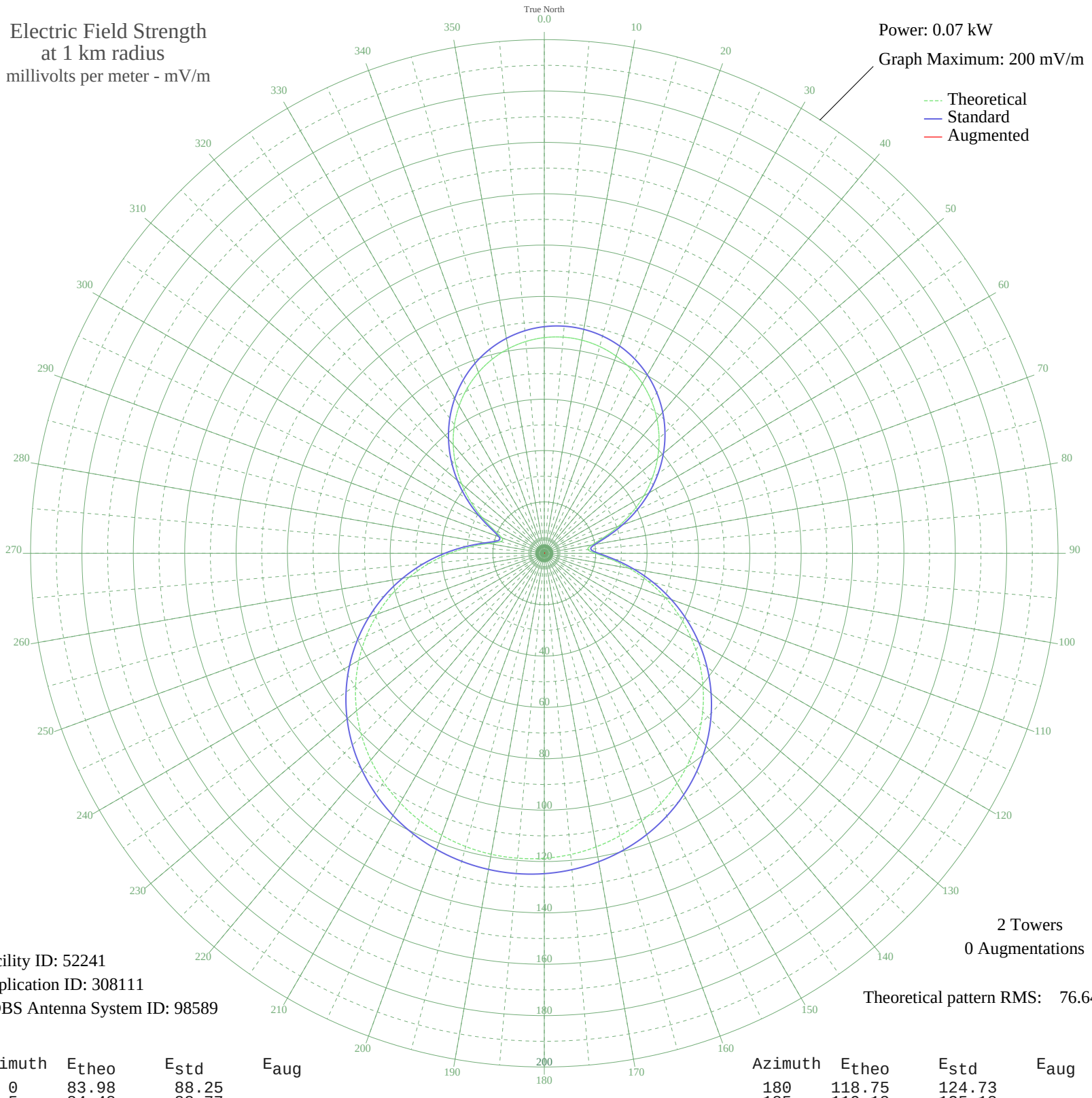
WGBN NEW KENSINGTON, PA BL-- 1150 kHz

Nighttime

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



Power: 0.07 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 52241
Application ID: 308111
CDBS Antenna System ID: 98589

Theoretical pattern RMS: 76.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	83.98	88.25	
5	84.48	88.77	
10	84.27	88.54	
15	83.35	87.58	
20	81.72	85.87	
25	79.38	83.42	
30	76.35	80.24	
35	72.63	76.33	
40	68.24	71.73	
45	63.20	66.45	
50	57.56	60.53	
55	51.37	54.04	
60	44.73	47.08	
65	37.76	39.78	
70	30.71	32.41	
75	24.05	25.47	
80	18.84	20.05	
85	17.01	18.17	
90	19.85	21.10	
95	25.95	27.45	
100	33.54	35.37	
105	41.70	43.91	
110	49.99	52.60	
115	58.17	61.17	
120	66.08	69.46	
125	73.61	77.36	
130	80.67	84.77	
135	87.21	91.64	
140	93.19	97.90	
145	98.57	103.55	
150	103.32	108.54	
155	107.46	112.88	
160	110.96	116.55	
165	113.83	119.57	
170	116.09	121.94	
175	117.73	123.66	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	118.75	124.73	
185	119.18	125.18	
190	118.99	124.99	
195	118.21	124.16	
200	116.82	122.70	
205	114.81	120.60	
210	112.18	117.84	
215	108.93	114.43	
220	105.05	110.35	
225	100.54	105.62	
230	95.41	100.24	
235	89.67	94.22	
240	83.36	87.59	
245	76.49	80.39	
250	69.14	72.67	
255	61.37	64.53	
260	53.29	56.05	
265	45.02	47.38	
270	36.77	38.75	
275	28.87	30.50	
280	22.02	23.35	
285	17.62	18.79	
290	17.57	18.75	
295	21.70	23.03	
300	27.96	29.54	
305	34.93	36.82	
310	41.97	44.19	
315	48.76	51.31	
320	55.15	58.00	
325	61.02	64.15	
330	66.30	69.69	
335	70.95	74.57	
340	74.94	78.76	
345	78.25	82.23	
350	80.87	84.98	
355	82.78	86.98	

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

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