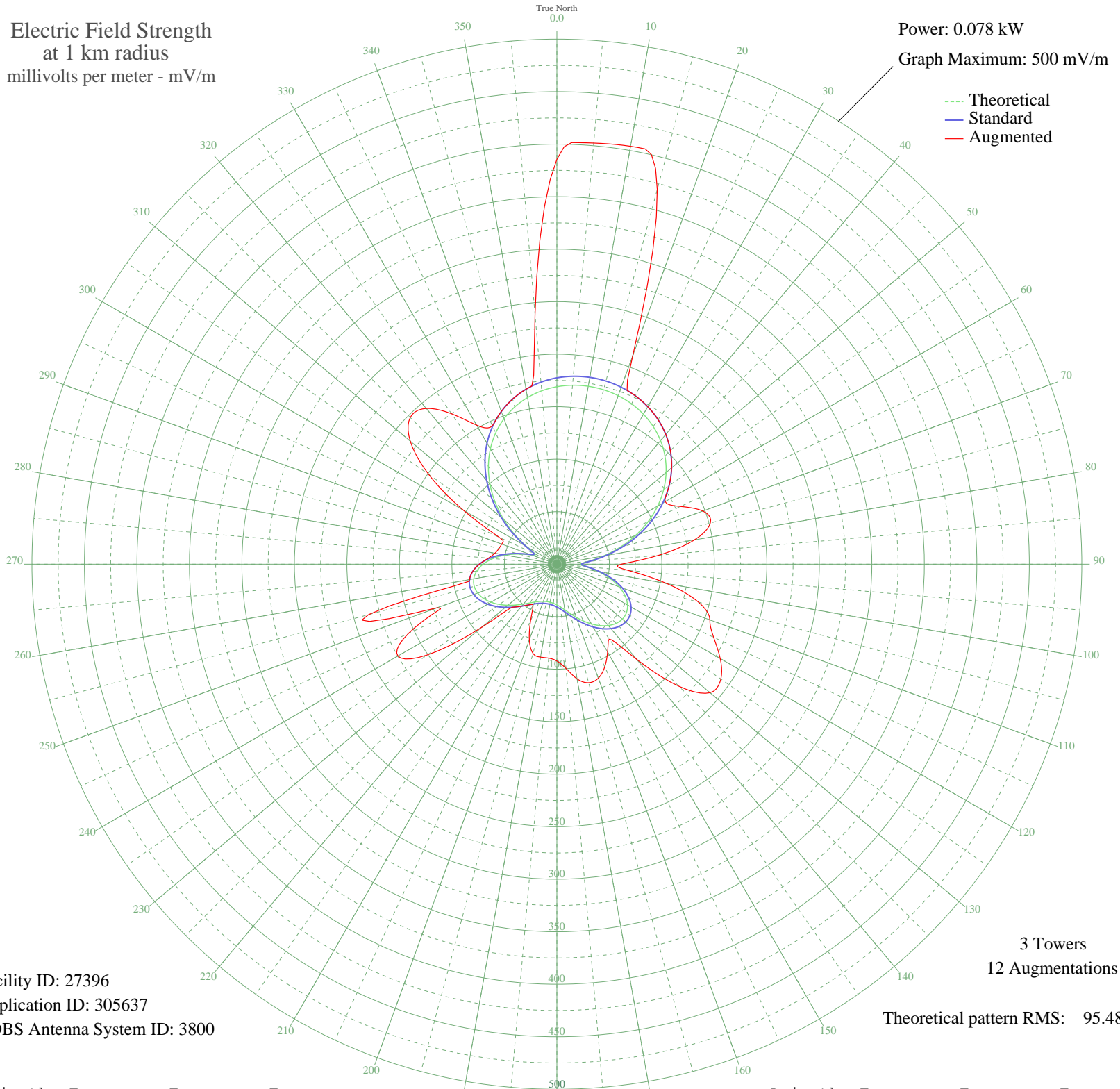


# WGHQ KINGSTON, NY BL-- 920 kHz

Nighttime

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

Power: 0.078 kW  
Graph Maximum: 500 mV/m



Facility ID: 27396  
Application ID: 305637  
CDBS Antenna System ID: 3800

3 Towers  
12 Augmentations  
Theoretical pattern RMS: 95.48

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	168.99	177.47	385.56
5	171.08	179.66	402.57
10	172.05	180.67	404.11
15	171.94	180.56	369.36
20	170.75	179.32	211.29
25	168.44	176.88	176.88
30	164.89	173.17	173.17
35	160.00	168.03	168.03
40	153.61	161.32	161.32
45	145.58	152.89	152.89
50	135.81	142.64	142.64
55	124.24	130.49	130.49
60	110.89	116.47	119.14
65	95.90	100.74	130.01
70	79.55	83.59	147.96
75	62.35	65.54	151.31
80	45.16	47.52	133.04
85	29.94	31.59	97.35
90	22.15	23.46	61.60
95	27.66	29.21	68.36
100	39.74	41.84	106.49
105	52.26	54.96	139.64
110	63.19	66.42	155.06
115	71.75	75.41	164.74
120	77.64	81.58	179.65
125	80.81	84.90	190.68
130	81.40	85.53	190.39
135	79.74	83.78	164.43
140	76.22	80.09	118.41
145	71.35	74.98	87.07
150	65.64	68.99	96.56
155	59.64	62.69	107.89
160	53.81	56.59	115.49
165	48.59	51.11	116.86
170	44.26	46.58	110.93
175	40.98	43.14	99.64

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	38.74	40.79	92.20
185	37.40	39.39	89.82
190	36.82	38.78	89.84
195	36.88	38.85	87.93
200	37.60	39.60	76.65
205	39.11	41.18	59.10
210	41.55	43.74	45.54
215	45.05	47.40	47.40
220	49.57	52.14	52.14
225	54.94	57.77	57.77
230	60.84	63.95	93.57
235	66.83	70.23	150.66
240	72.41	76.09	174.84
245	77.05	80.96	155.95
250	80.23	84.30	121.00
255	81.48	85.61	185.76
260	80.39	84.46	84.46
265	76.68	80.58	80.58
270	70.25	73.83	73.83
275	61.18	64.31	65.54
280	49.85	52.43	59.96
285	37.18	39.16	57.21
290	25.72	27.18	55.87
295	22.68	24.01	60.76
300	32.65	34.42	103.07
305	48.53	51.05	149.07
310	65.82	69.18	182.30
315	82.91	87.11	197.52
320	99.02	104.01	193.58
325	113.70	119.42	174.84
330	126.70	133.07	152.90
335	137.91	144.84	145.42
340	147.32	154.72	154.72
345	155.01	162.79	162.79
350	161.09	169.17	169.17
355	165.71	174.02	238.70