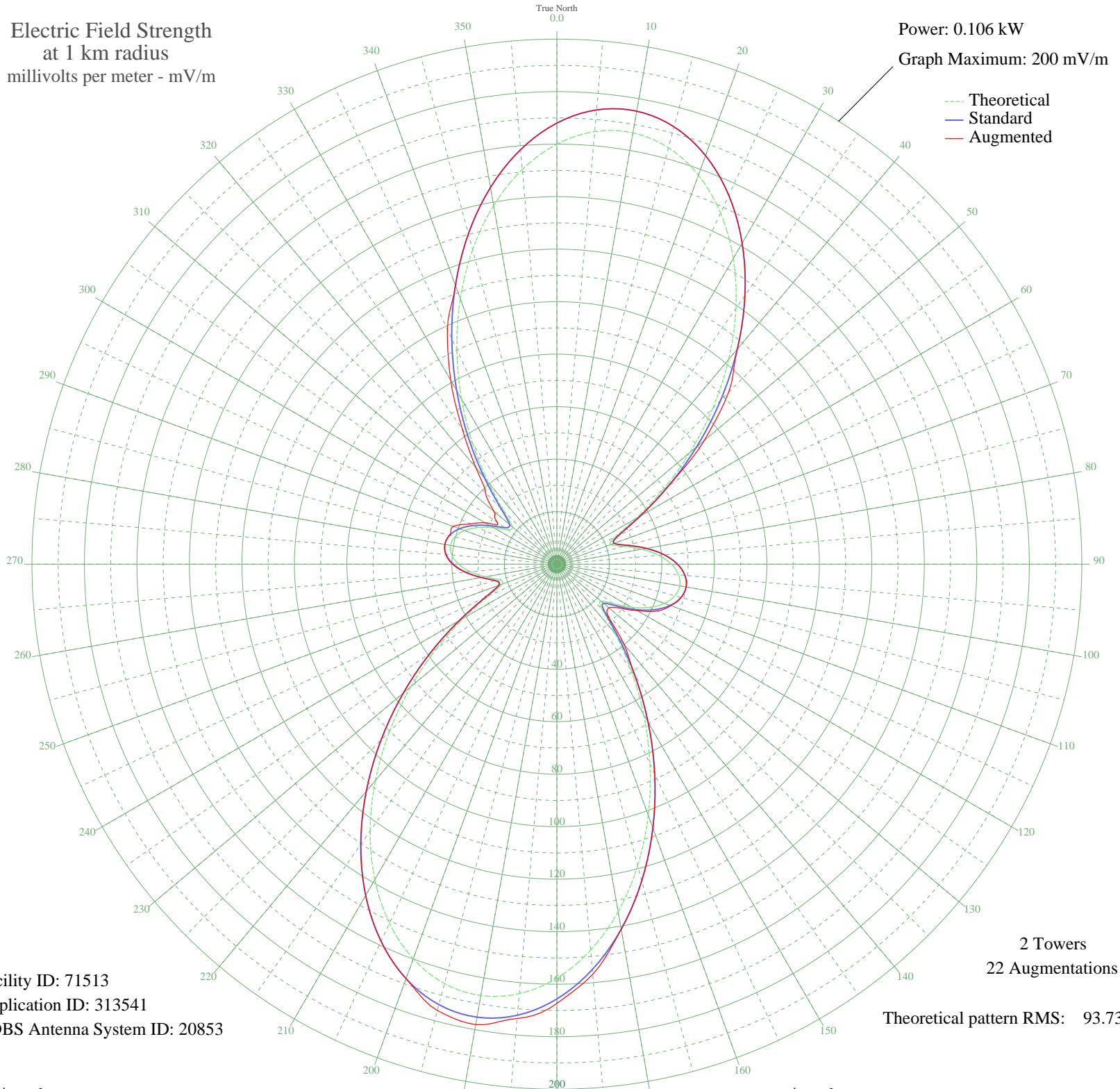


# WEOK POUGHKEEPSIE, NY BL-- 1390 kHz

Nighttime

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

Power: 0.106 kW  
Graph Maximum: 200 mV/m



Facility ID: 71513  
Application ID: 313541  
CDBS Antenna System ID: 20853

2 Towers  
22 Augmentations  
Theoretical pattern RMS: 93.73

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	159.98	168.02	168.02
5	165.39	173.69	173.69
10	166.83	175.21	175.21
15	164.22	172.47	172.47
20	157.69	165.61	165.61
25	147.58	154.99	154.99
30	134.42	141.19	141.19
35	118.91	124.90	124.90
40	101.80	106.94	106.94
45	83.91	88.17	92.50
50	66.10	69.49	73.30
55	49.28	51.86	51.86
60	34.68	36.57	36.80
65	24.45	25.90	25.90
70	21.85	23.20	23.20
75	26.21	27.73	27.73
80	32.81	34.62	34.62
85	38.94	41.03	41.03
90	43.63	45.94	45.94
95	46.53	48.97	48.97
100	47.50	50.00	50.00
105	46.53	48.97	49.02
110	43.63	45.94	46.20
115	38.94	41.03	42.20
120	32.81	34.62	35.43
125	26.21	27.73	29.17
130	21.85	23.20	25.91
135	24.45	25.90	27.18
140	34.68	36.57	39.80
145	49.28	51.86	51.86
150	66.10	69.49	69.49
155	83.91	88.17	88.17
160	101.80	106.94	106.94
165	118.91	124.90	124.90
170	134.42	141.19	141.19
175	147.58	154.99	156.81

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.

24 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	157.69	165.61	167.32
185	164.22	172.47	173.71
190	166.83	175.21	178.10
195	165.39	173.69	176.00
200	159.98	168.02	168.02
205	150.92	158.51	158.51
210	138.72	145.69	145.69
215	124.02	130.26	130.26
220	107.57	113.00	113.00
225	90.17	94.74	94.74
230	72.64	76.35	76.35
235	55.83	58.72	58.72
240	40.70	42.87	42.87
245	28.69	30.32	30.32
250	22.21	23.57	23.57
255	22.86	24.24	24.24
260	27.66	29.25	29.25
265	33.06	34.88	35.07
270	37.44	39.46	39.80
275	40.20	42.35	42.51
280	41.14	43.34	43.34
285	40.20	42.35	42.35
290	37.44	39.46	42.00
295	33.06	34.88	36.30
300	27.66	29.25	31.60
305	22.86	24.24	27.80
310	22.21	23.57	31.35
315	28.69	30.32	38.45
320	40.70	42.87	48.00
325	55.83	58.72	62.80
330	72.64	76.35	80.91
335	90.17	94.74	98.70
340	107.57	113.00	113.00
345	124.02	130.26	130.26
350	138.72	145.69	145.69
355	150.92	158.51	158.51