

WBAI Power Calculations
4 Times Square Antenna System
Shively 6016-3/4-NF-PS-Spec Antenna

Frequency:	99.5 MHz
Transmitter Power Output:	5.51 KW
Antenna Power Gain:	2.126 (3.275 db)
Combiner Loss:	.46 db (-600 watts)
Line Loss:	.09 db (-153 watts)
Power Input to Antenna:	4.703 KW

System Effective Radiated Power: 10,000 watts