

MW-5 Tuning

[Main Index](#)

Basics:

Peak grid current with **GRID TUNE**

Set PA volts with **HI PWR** adjust
(R23/R52)

PA voltage of 5300

Dip PA plate current with **PA TUNE**

PA current 1.15 amps

Set PA current with **PA LOAD**

SCRN V around 340V - helps HF
distortion

2300v @ 0.5A = Aprox 1000 watts

Efficiency:

Select efficiency position on meter (may need to adjust for half scale).

PA TUNE for max reading

PLATE EFFICIENCY resonator for max reading

PA GRID EFFICIENCY for dip in plate voltage

Repeat until no change

Neutralization:

Connect oscilloscope to 1A11J1 (MOD MON).

Fil=ON, HV=OFF.

GND pin 5 on OSC

NEUT (1A3C3) for dip on scope

GRID TUNE (1A3C1) for peak on scope