

- 2.983 (d) (9) The RF power applied to the TWT is adjusted to achieve a value slightly below the saturation point of the TWT. The procedure requires adjusting AT1 on the RF module of the transmitter to achieve this value.
- 2.983 (d) (10) Frequency determination and stabilization is provided by the exciter in the receiver. The exciter requirements are specified on the specification control document. The requirements are shown on the sample specification control drawing 91001144 SPEC.
- 2.983 (d) (11) The TWT has a noise figure of ≈ 40 dB. Further reduction of spurious transmitted radiation is achieved by the use of optional filters.
- The modulation limit (pulse width) is internally limited to approximately 25 μ s to prevent damage or excess average power.
- The power limit is controlled by RF drive power, beam current, and beam voltage.
- 2.983 (d) (12) This section is not applicable to this equipment.
- 2.983 (e) All measurements are test results of the working equipment.
- 2.983 (f) The equipment identification label is shown in Figure 10.

Kavouras^{INC}		11400 Rupp Drive Burnsville, Minnesota 55337 (612) 890-0609	
FCC ID: MPDTR2070A-C1			
MODEL			
SERIAL NO.		VAC	
PART NO.		AMPS	
		HZ	

Top line = FCC ID: (*xxxxx*)
Model = Equipment identification nomenclature
Serial No. = xxxx (four digit serial number)
Part No. = xxxxxxxx-xx (8-digit number with 2-digit dash number)
VAC = Operating input voltage
Amps = Amperes drawn during normal operation
Hz = Input power frequency requirements

Figure 10 Equipment Identification Label