

RF TECHNOLOGY PTY. LTD. EQUIPMENT SPECIFICATIONS	
TRANSMITTER EQUIPMENT CHARACTERISTICS	
1. Nomenclature/Model No. T500AN	1a. Manufacturer's Name RF Technology Pty Ltd
2. System Nomenclature Eclipse	3. Transmitter Type Direct Frequency Modulation
4. Tuning Range 406-430MHz	5. Method of Tuning PLL
6. RF Channeling Capability Up to 100 channels	7. Frequency Stability ± 1 ppm
Emission Designator(s) 11K0F3E (Emission Mask D)	9. Emission Bandwidth ___ Calculated ___ Measured
10. Filter Employed <u> X </u> Low Pass ___ High Pass ___ Band Pass ___ None	- 3 dB <u> 3.0 KHz </u> - 20 dB <u> 10KHz </u> - 40 dB <u> 18KHz </u> - 60 dB <u> 24KHz </u> Occupied Bandwidth <u> 10KHz </u> (DoD)
11. Maximum Bit Rate 4800Bps	12. Maximum Modulation Frequency 3000Hz
13. Pre Emphasis <u> X </u> Yes ___ No	14. Deviation Ratio 60% of 2.5KHz maximum deviation
15. Power (a) Carrier <u> 1~15 Watts </u> <u> 25~50 Watts with PA500A </u> (b) Mean <u> N/A </u> (c) Peak Envelope <u> N/A </u>	16. Pulse Characteristics N/A (a) Rate _____ (b) Width _____ (c) Rise time _____ (d) Fall time _____
17. Output Device Solid state Power Amplifier	(e) Compression Ratio _____
18. Spurious Level Less than 0.25µV	19. Harmonic Level (a) 2nd <u> -87dBc </u> (b) 3rd <u> -92dBc </u> (c) Other <u> N/A </u>
20. FCC Type Acceptance No. KRET500A	
21. Remarks FCC ID: KREPA500A FOR POWER AMPLIFIER PA500A	