

# Appendix C

## Tune up Procedures

### 1. TEST EQUIPMENT

- 1.1. Oscilloscope TEK model TDS3032
- 1.2. Spectrum Analyzer Agilent E4407S
- 1.3. Sart Test Fixture.

### 2. Tune up Procedure

- 2.1. Turn all switches to OFF position
- 2.2. Place PCB board on test bed and Turn power on
- 2.3. Verify that LED's on PCB are blinking
- 2.4. Observing scope adjust ramp period to 7.5uS by turning the trim pot P1
- 2.5. Observing Spectrum Analyzer set lower freq. To 9.2Ghz 0/+60 Mhz by adjusting trim pot P2
- 2.6. Observing Spectrum Analyzer set lower freq. To 9.5Ghz 0/+60 Mhz by adjusting trim pot P3
- 2.7. Turn all switches to OFF position and remove Board