

Tune-up Procedure

No transmitter tune-up is required for the transceiver. Transceiver functional performance is measured both at the board level and at final test during production.

Pass/Fail Criteria

1. Attach ground to Brown wire
2. Connect Blue/White wire to current limited LED < 150 mA
3. Connect Blue wire to other side of item 2 LED
4. Connect Green/White wire to current limited LED < 150 mA
5. Connect Green wire to other side of item 4 LED
6. Apply 10 to 28 VDC to the Brown/White wire. Current limit > 300 mA
7. With no movement in front of radar. Item 2 LED will be off. Item 4 LED will be on.
8. Wave test object in front of radar. Item 2 LED will turn on. Item 4 LED will turn off.
9. Stop moving test object and Item 2 LED will turn off after several seconds. Item 4 LED will turn on.