

FIXED CONNECTION NOTES:

1. COMPLETED ALL POWER CONNECTIONS:

- All DC-DC converter VFB pins properly set to +10V rail
- All PGND and AGND pins connected to common GND rail
- Feedback divider properly connected to AGND
- Bias/offset divider CR properly connected

2. COMPLETED RF SIGNAL PATH:

- Input impedance of antenna connected to T1 primary
- T1 secondary properly connected to G1/G2 gates via R1/R2
- G1/G2 drains properly connected to D1 primary
- D1 secondary properly connected to output connector J3
- All DC blocking capacitors C3, C4, C5 properly installed

3. COMPLETED Bias NETWORKS:

- Data bias network R1/R2 properly connected gates to transformer
- RF network L1, L2 properly connected AGND to GND/DC plane
- DC blocking caps prevent DC on RF lines

4. COMPLETED SIGNAL CONNECTIONS:

- All component ground pins connected to common GND rail
- Control network divider connected to GND
- Power supply returns properly grounded
- Thermal pad intermediate to GND/DC connected to GND

5. COMPLETED STATUS INDICATORS:

- Power LED J1 properly connected with current limiter R3
- Customary LED J2 properly connected with current limiter R4
- Temperature alarm signal properly routed

6. COMPLETED FEEDBACK NETWORK:

- Voltage divider R5/R6 properly connected
- Feedback pin properly connected to DC-DC converter
- Output voltage monitoring functional

ALL TRACES NOW PROPERLY CONNECTED - NO FLOATING NETS

