

CorelixRF Factory Acceptance Test Checklist

Buyer-side checklist for reviewing RF power amplifier and RF system test evidence before shipment.

Prepared for buyer-side RFQ review | CorelixRF | 2026-06-26

1. RF Performance Evidence

- Output power test points across the band
- Gain and gain flatness review
- Input/output VSWR or return loss check
- Harmonic and spurious review when required
- Pulse performance or modulation behavior when applicable

2. Protection and Reliability

- Over-temperature behavior and cooling assumptions
- Reflected power / VSWR protection behavior
- Current, voltage and fault indication checks
- Burn-in or long-duration operating notes
- Safe operating limits and derating notes

3. Mechanical and Interface

- Connector and panel layout confirmation
- Control interface and monitoring functions
- Power supply and grounding assumptions
- Labeling, serial number and configuration reference
- Packing, accessories and cable notes

4. Acceptance Discussion

- What is tested at factory vs buyer site
- Pass/fail acceptance items
- Reports or curves to attach to shipment
- Open issues before payment/shipment
- Support contact for integration questions