

CorelixRF RF Amplifier RFQ Checklist

Use this checklist before requesting a quotation for RF amplifiers, antennas, SDR sources or custom RF sy

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1. Basic RF Requirements

- Target frequency range and instantaneous bandwidth
- Output power target at antenna/load side
- Gain target, gain flatness and linearity needs
- CW, pulsed, modulated or broadband operation
- Input drive level and signal source type

2. System Integration

- Load or antenna path and expected VSWR risk
- Connector type, impedance and cable loss assumptions
- Filtering, harmonic and spurious expectations
- Cooling, enclosure, rack or module format
- Control interface, monitoring and fault reporting

3. Application Context

- EMC immunity, SDR test, communications, C-UAS or lab platform
- Indoor lab, chamber, vehicle, outdoor or rack environment
- Duty cycle, dwell time and operating schedule
- Compliance, authorization or documentation constraints
- Prototype, pilot batch or production stage

4. Buyer Outputs to Request

- Recommended standard platform or custom path
- Test data checklist before shipment
- FAT or buyer acceptance items
- Lead time and configuration assumptions
- Documents needed for internal approval