



# Custom Amplifier Questionnaire

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Describe your application and amplifier requirements in detail:

A large, empty, light gray rectangular box intended for the user to describe their application and amplifier requirements in detail.

**Electrical Specifications** - Complete all that apply

Parameter	Minimum	Target	Comments	Guaranteed Specification (to be completed by Maury only)
Frequency Range (GHz)				
Output power @ P1dB (W)				
Output power @ P3dB (W)				
Output power @ Psat (W)				
CW or pulsed-CW (for pulsed-CW please include pulse width, duty cycle, PRF, rise time, fall time, pulse droop...)				
Small signal gain (dB)				
Gain Flatness (dB)				
Gain adjustment (dB)				
2nd harmonic power @ P____ (dBc)				
Spurious @ P____ (dBc)				
IM3 @ ____ dB backoff and ____ MHz tone-spacing (dBc)				
Noise floor with ____ resolution bandwidth (dBm)				
VSWR load tolerance				
VSWR input				
Maximum input power (W)				
Other: _____				
Other: _____				

**Protections & Indications** - Complete all that apply

Parameter	Minimum	Target	Comments	Guaranteed Specification (to be completed by Maury only)
LCD display with amplifier status				
Over-current protection				
Over-heat protection				
Integrated coupler with forward and reflected power measured				
Output circulator				
Other: _____				
Other: _____				
Other: _____				
Other: _____				

**Mechanical & Environmental Specifications** - Complete all that apply

Parameter	Minimum	Target	Comments	Guaranteed Specification (to be completed by Maury only)
Input connector				
Output connector				
Connectors on front/rear panel				
Operating temperature range °C				
Storage temperature range °C				
Cooling method (forced air or liquid)				
Dimension limitations				
Weight limitations				
Operating line voltage (V)				
Maximum current (A)				
Other: _____				
Other: _____				