

Solid State High Power Linear Amplifier for AEGIS project.

1. High Power Amplifier Specification: Quantity:1

- Class AB
- Operating Frequency Range: 500 MHz (or lower Frequency)-2500 MHz (or higher Frequency)
- Power Output: Min. 100 W
- Output Power @ P1dB: 50 W Min.
- Power Gain: 50 dB Min.
- Power Gain Flatness: 4.0dB p-p max. (Constant input power)
- Input / Output VSWR: -10 dB or better (Relative to 50 Ohm)
- Harmonics: >20 dBc Typ.
- Non Harmonics Spurious: >60 dBc
- Operating Voltage: Min. 24 VDC to Max. 32 VDC
- Current Consumption: 14 A Max.
- Max Input Power: +5 dBm (without damage)
- RF Connectors In/Out: SMA (female)

Due to the project schedule amplifier should be delivered after 14.12.2018.

2. High Power Amplifier Specification: Quantity:1

- Class AB
- Operating Frequency Range: 400 MHz (or lower Frequency) - 1000 MHz(or higher Frequency)
- Power Output: Min. 100 W
- Output Power @ P1dB: 80 W Min.
- Power Gain: 50 dB Min.
- Power Gain Flatness: 4.0 dB p-p Max. (constant input power)
- Input Return Loss: 10 dB Min. (relative to 50 Ohm)
- Harmonics: >20 dBc (at rated Pout)
- Non Harmonics Spurious: >60 dBc
- Operating Voltage: Min. 24 VDC to Max. 32 VDC
- Current Consumption: 14 A Max.
- Max Input Power: +5 dBm (without damage)
- RF Connectors In/Out: SMA (female)

Due to the project schedule amplifier should be delivered after 14.12.2018.