



VSAT Power Amplifier

The Spacek Labs amplifier model SP172-30-35 is a compact power amplifier with greater than 35dBm output power at 1dB gain compression from 13 to 17.5 GHz and has primary applications as a Ku band VSAT transmitter and also point-to-point radio. The unit has a nominal gain of 35 dB with VSWR less than 2:1 at the input and 1.5:1 at the output. The amplifier requires a +10.5VDC bias with 2.9A quiescent current and 3.4A at 1dB gain compression. The amplifier is delivered with a heat sink and fan assembly to manage heat dissipation.