

Power Amplifiers Enable High Linearity Transmitters



Endwave Corp. announces two power amplifiers that deliver optimal power and linearity performance for Ku-Band VSAT networks and emerging broadband satellite communications at Ka-Band. The Ku-band module features 40 dB (min.) gain, 0.5 dB (max.) gain flatness, typical output power at P1dB of +37 dBm, output third order intercept of +47 dBm (typ.) and DC current of 2.6 A at +15 VDC. The Ka-band module features 27 dB (min.) gain, 1.0 dB (max.) gain flatness, typical output power at P1dB of +36 dBm, output third order intercept of +43 dBm (typ.), and DC current at +15 VDC of 5.6 A. The noise figures of these transmit power amplifiers measure 4.5 dB (max.) at Ku-band and 6.0 dB (max.) at Ka-band. These parts are also available in a bench-top 19 inches rack-mount configuration for instrumentation applications.

www.endwave.com
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