The 3115-51 Block Upconverter converts 0.95 - 1.45 GHz to one of five 500 MHz wide RF bands over the 10.7 to 12.75 GHz range. Push button switches select the RF band, gain, and other parameters. Front panel LEDs provide indication of DC power (green), remote operation (yellow), PLL alarm (red), or the TX carrier is muted (yellow). A variable attenuator at the RF output provides a gain range of 0 to -20 dB as adjusted by the front panel pushbutton switches. Remote operation allows selection of frequency band and gain. Parameter selection and frequency band and gain settings appear on the LCD display. Connectors are SMA for the L-band input and the RF output (other connector configurations available), BNC female for the 10MHz reference input and output. The 3115-51 is powered by a 100-240 ±10% VAC power supply; and housed in a 1.75" X 19 " X 16" rack mount chassis.