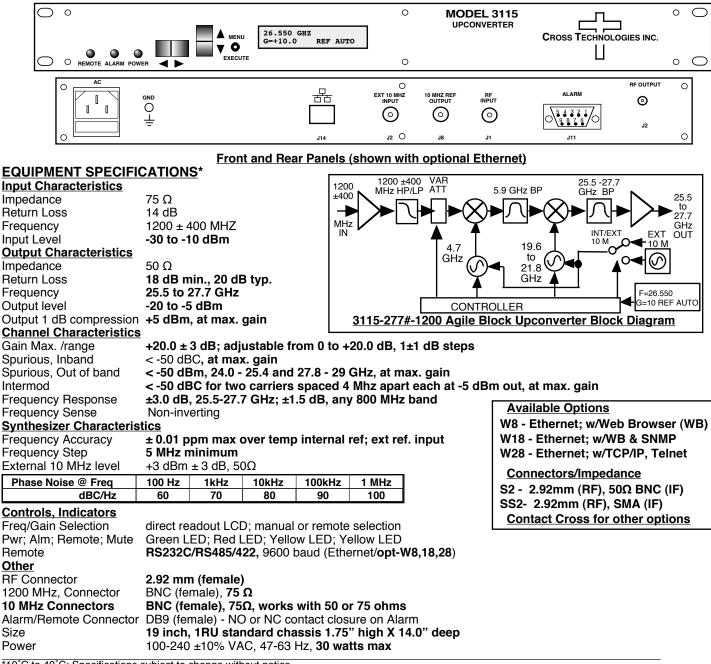
## 

## DATA SHEET Rev. B

9/09/14

## 3115-277#-1200 Agile Block Upconverter, 1200 ± 400 MHz to 25.5 - 27.7 GHz

The 3115-277#-1200 Agile Block Upconverter converts  $1200 \pm 400$  MHz to **25.5 to 27.7 GHz** in 5 MHz steps. This unit converts 1200 MHz to 5.9 GHz and 5.9 GHz to 25.5 - 27.7 GHz. Synthesized local oscillators (LO) provide frequency selection. Multi-function switches select the RF frequency, gain, and other parameters. Front panel LEDs provide indication of DC power (green), PLL alarm (red), remote operation (yellow) or the TX carrier is muted (yellow). Variable attenuators for the 1200 MHz input provide a gain range of **0 to +20 dB** as adjusted by the front panel multi-function switches. Remote operation allows selection of frequency and gain. Parameter selection and frequency and gain settings appear on the LCD display. Connectors are BNC (female) for 1200 MHz and external 10MHz reference input and output, and **2.92 mm** (female) for the RF output. The unit is powered by a 100-240  $\pm$ 10% VAC power supply, and housed in a 1 3/4" X 19 " X 14" rack mount chassis.



\*10°C to 40°C; Specifications subject to change without notice