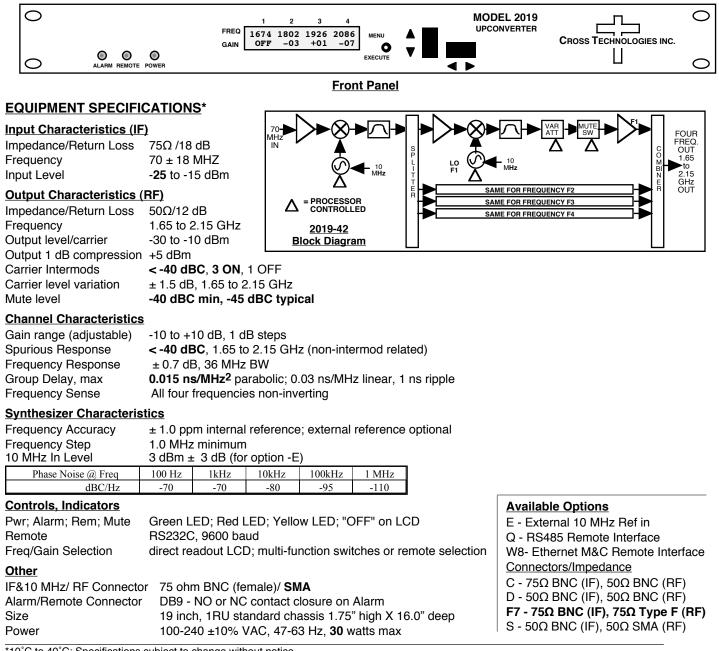


DATA SHEET Rev. C

3/2/11

2019-42 Upconverter, Four Frequencies, 1.65-2.15 GHz

The 2019-42 Upconverter converts **one** 70 \pm 18 MHz **input signal to four individual frequencies (combined to one output)** in the 1.65 to 2.15 GHz range and tunable in 1 MHz steps. Synthesized local oscillators (LO) provide frequency selection. Multi-function switches select the RF frequencies, gain, and other parameters. Front panel LEDs provide indication of DC power (green), Unit alarm (red), and remote operation (yellow). Variable attenuators for each channel provide a gain range of -10 to +10 dB as adjusted by the front panel multi-function switches. Remote operation allows selection of frequency, mute, and gain of each signal. The LCD will display parameter selection during setup and frequency **and gain/mute** settings during operation. Connectors are 75 ohm BNC female for IF and the optional external reference input and **SMA** for the combined four-frequency output. The unit is powered by a 100-240 \pm 10% VAC power supply, and housed in a 1 3/4" X 19" X 16" rack mount chassis.



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

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