

Technical Description:

The NewStream FC3NST2G7G is a 2-box, mobile transmitter, designed to be adaptable to a wide range of field applications; particularly those requiring ruggedized, vehicular mounted equipment. The transmitter accepts a wide range of SMPTE based video input signals, including HD-SDI, SDI, ASI, and NTSC. Raw video, audio, and data are delivered to an integral Encoder which feeds a COFDM-DVB-T modulator, operating in the 2K carrier mode. The I and Q outputs of the COFDM modulator intermediate frequency are supplied to a RF unit where the IF signal is up-converted to the operating band of 2025 - 2500 MHz or 6425 - 7125 MHz and amplified to the factory set limit to meet the requirements of part § 74 and § 78 or 5W for part § 101.

Block Diagram:

