



## NEWS RELEASE

### ***TFT Announces 45-Watt STL Transmitter for 450 MHz Band***

*San Jose, California* – April 18, 2004 - TFT, Inc. is pleased to announce the introduction of a 45-Watt STL Transmitter for international use in the 400-470 MHz band. The higher power Model 4140HP enables users to optimize antennas and transmission line for economical performance for longer STL paths. It will also be available in a 30-Watt version at a lower cost.

The Model 4140 features a complete new design of RF Power Amplifier and Power Supply in a standard 19-inch rack mount unit for a full 45 Watts of output power without the need for an external, and often expensive, power amplifier. Companion receivers for the 4140 can be either the 9147 Composite Receiver or the 9245 Monophonic Receiver.

Rugged, modular construction in the 4140 lends itself to easy field servicing and low maintenance costs. The operating frequency is field programmable in 12.5 kHz steps and IF modulated for excellent signal-to-noise and spurious radiation performance. In addition to the normal composite or mono input, the 4140 also has a MUX input for RDS, SCA, or multiplex subcarriers.

Like all other TFT STL transmitters, the 4140 has provision for hot stand-by and plug-in subcarrier generators. Combined with a DMM92 set of modems, it can be used for hybrid digital operation for up to 4 analog program channels or 2 AES/EBU data streams.

TFT was formed in 1970 to address the needs of the U.S. broadcast industry, and its core products include digital and analog STL (Studio-Transmitter Link) equipment, modulation monitors and analyzers for AM, FM, TV and cable, and EAS (Emergency Alert System) encoder/decoders and decoders only.

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