

March 31, 2006

This report is in support of an application by Technalogix Ltd. for certification of transmitting equipment used for VHF Low Band television systems (174-216 MHz or channels 2 through 6). Specifically, Technalogix is requesting certification of the Technalogix TAV-100L VHF Low Band television transmitter.

The TAV-100L supplies a 100-watt peak video signal in addition to 10% aural power on any of the VHF television channels 2 through 6. Additionally, the control system allows the user to run 110% of rated power (110-watts peak) before the overdrive monitor shuts the system down. The video and audio are amplified with a common amplifier chain.

The emission designators based on FCC Part 74 transmitters are 5M75C3F (for visual) and 250KF3E (for aural).

Should you have any questions, please do not hesitate to contact Technalogix:

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