



#4 – 8021 Edgar Ind. Place, Red Deer, AB T4P 3R3

February 8, 2005

This report is in support of an application by Technalogix Ltd. for certification of transmitting equipment used for VHF and UHF television systems (54-806 MHz). Specifically, Technalogix is requesting certification of the Technalogix TM-100 frequency agile television modulator.

The TM-100 accept standard video and audio and supplies a +15 dBm peak video signal in addition to 10% aural power on any of the VHF (2 through 13) and UHF (14 through 69) channels.

Tests were conducted on production models of the equipment on location at Technalogix:

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All tests were carried out on representative channels in the VHF and UHF bands in accordance with FCC Part 73 and Part 74. The results in the attached documentation show that the equipment meets or exceeds the required specifications.

Included with the documentation is:

- Drawing of the FCC label that will be attached to the equipment
- Test report
- RF exposure statements
- Construction photos
- Technalogix user manual. The user manual includes block diagrams of the various systems and sub-systems, schematics and printed circuit board component outlines, and specifications.

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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