Peter P. Gelbman
Wireless Systems Engineering Consulting
4300 The Woods Drive, Apt 423
San Jose, California 95136 *e-mail: pgelbman@yahoo.com*

April 27, 2005

FCC Form 442
EXHIBIT 1: Description of 3.4 - 3.6 GHz Experiment License Application and Experimental Objective

Applicant: TeleCIS Wireless Inc
FRN No: 0013343694
442 File No: 0138-EX-PL-2005

Purpose of Experiment

TeleCIS Wireless is developing System-on-a-Chip (SoC) chipsets for Base Station and CPE radios for the 3.4-3.6 GHZ bands, using the WiMAX standard being developed under IEEE 802.16. These radios are for export only, primarily to Europe, Asia, and Latin America. The primary technical objective of this experiment is to complete the development of the TeleCIS chipset products. This can only be accomplished with over the air testing in real world RF fading environments. The experiment will be used to validate system design, optimize protocol implementations, and verify theoretical RF performance and coverage predictions. The engineering data obtained in the experiment will allow TeleCIS to demonstrate the efficacy and operability of the system to investors, partners and customers. Currently very little empirical data exists regarding 3.5 Ghz WiMAX radio system performance. TeleCIS's experimental coverage testing would provide valuable information towards characterizing IEEE 802.16 channel models.

Company Background

TeleCIS Wireless**,** Inc. is a Silicon Valley-based, fabless semiconductor company dedicated to delivering multi-protocol wireless System-on-a-Chip (SoC) solutions to the Broadband Wireless Communications industry. With its team of renowned wireless chip innovators and its unparalleled technology, TeleCIS Wireless is committed to bridging broadband and mobility and believes the path to growth lies in standards and interoperability. With the position of Secretary of the WiMAX Forum and active involvement in numerous working groups, TeleCIS Wireless plays a critical role in the promotion and adoption of Broadband Wireless around the world.

Founded in January 2000 to develop chipsets for the WLAN market, the company has a rich IP portfolio of performance leading 802.11a/b/g chipsets based on its patent-pending wireless communications and smart antenna technologies.

Evolving its portfolio, TeleCIS Wireless is currently focused on becoming a leading wireless chipset provider in the WAN (802.16) as well as the LAN by delivering multi-protocol chipsets combining the two. This will be achieved initially by developing and commercializing industry leading WiMAX compliant chipsets to address the "Fixed, Portable and Mobile" Broadband Wireless Markets. Following this SoC, TeleCIS Wireless will deliver a combined 802.16/16e/11 product to the market, enabling seamless connectivity across multiple networks and multiple technologies.

Respectfully submitted,

Peter Gelbman
Systems Engineer, Consultant - TeleCIS Wireless Inc.