

FCC Application

About LOGUS

Founded in 2004, LOGUS Broadband Wireless Solutions Inc. is engaged in the research, development, manufacturing and marketing cost effective WiMAX products & solutions for the Cable, Telco and WISPs worldwide.

LOGUS is founded on the philosophy of developing standard based products to ensure interoperability and incorporate uniqueness through adaptation techniques to increase the efficient usage of scarce resources such as the bandwidth and power, resulting in cost effective solutions to our customers.

Through the collaboration with the University of South Florida (USF), a pioneer in the OFDM/OFDMA and UWB technologies LOGUS is developing uniqueness using adaptation techniques for our products

LOGUS focus is to develop products and solutions to complement existing networks and technologies instead of replacing them. We recognize that customers have invested significant amount of CAPEX and resources in building their networks and will be reluctant to replace them. Our broadband wireless solutions are complementary to Cable and Telco networks.

Drawing from manufacturing, OEM, marketing, distribution, sales and after-sales expertise of our partners; CableTV Technology Inc., Non-Stop Digital Services, QualiCable & Decktron, LOGUS plans to manufacture and market WiMAX products at cost competitive prices.

www.loguswireless.com

Equipment (transmitting equipment)

Manufacturer: LOGUS Broadband Wireless Solutions (USA) Inc.

Model # : BeaverMAX1000

Total number of units: 5

They are not asking for receive stations (SS)

Under certification; the default is okay; about controlled substance

Anything else you need?

Emission:

X 7 W see section 2.201 FCC rules

Equipment (transmitting equipment)

Manufacturer: LOGUS Broadband Wireless Solutions (USA) Inc.

Model #: BeaverMAX1000

Total number of units: 5

4. Current WiMAX operating frequencies are 2.3, 2.5, 3.3, 3.5 and 5.8 GHz. We are manufacturing WiMAX base stations to support operations in these frequencies. Since the 3.4 to 3.6 GHz band is unlicensed in the USA and may be occupied by others, we need an STA from FCC to test these products for performance in real field conditions.

5. The purpose is to conduct field trials for proof of performance. We will set up Base stations at various locations within the University campus and conduct a series of tests for reach, coverage, multi-path effects and channel behavior. Once field tested, we plan to apply for WiMAX certification of our products.

Our field trials will be conducted within the confines of the University of South Florida, USA.