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August 16, 2004

**TIMCO ENGINEERING INC.**  
P.O. Box 370  
849 N.W. State Road 45  
Newberry, Florida

**Subject:** Application for acceptance of Class II Permissive Changes of Certified Radio under FCC Part 15, Subpart C, Sec. 15.247 - Digital Modulation Transmitters operating in the frequency band 2400 - 2483.5 MHz and FCC Part 15, Subpart E / FCC Docket No.: FCC 03-287 - Unlicensed National Information Infrastructure Devices operating in the frequency band 5.15-5.25 GHz (indoor operation only), 5.25-5.35 GHz and 5.725-5.825 GHz.

**Product:** Wireless Access Point  
**Model No.:** BP200E (external antenna), BP200i (internal antenna)  
**FCC ID:** REB-BP200E

Dear Sir/Madam

As appointed agent for **Chantry Networks Inc.**, we would like to submit the application for equipment authorization under Class II permissive changes. Please review all files uploaded to TIMCO Electronic Filing Site.

The main purpose for re-filing is to update approval to allow the use of two new types of antenna: Joymax Omnidirectional Tri Band Swivel RPSJMA Interface Antenna (Model: FW-614RS-406; 4dBi gain for 2.45 GHz and 5 dBi for 5.5 GHz) and Etenna Omnidirectional Tri Band Embedded Antenna (Model: EE5801; 4.3 dBi gain). Also, the following changes were made in order to upgrade the above product:

1. Added extra filtering caps surrounding PHY (U807) and BOB-SMITH termination on ENET transformer (T901) to better common mode rejection.
2. Increased space between clock lines and control/address lines between U10 (uP), U 207 (SDRAM) and U213 (Flash).
3. Added bridging caps between U10 (uP) power planes to avoid large return path currents.
4. Switched from a single sided PCB to a double-sided BCP to enable the above changes.

**Grant Note:** The power level for internal antenna unit operating with 802.11b modulation shall be set to 18 dBm for compliance with band-edge emissions.

If you have any queries, please do not hesitate to contact us.

Yours truly,

Tri Minh Luu, P. Eng.,  
V.P., Engineering