

Date: Thu, 09 Jan 2003 14:41:55 -0600
From: Richard Liu <ce.liu@mail.uh.edu>
Subject: RE: RE: Review of Bitswave Inc., FCC ID: P5G-368-397-YY
To: "Timothy R. Johnson" <TRJ@adelphia.net>
X-Mailer: Microsoft Outlook IMO, Build 9.0.2416 (9.0.2910.0)
Importance: Normal

Tim,

It was nice to talk to you over the phone. As a new company, Bitswave needs help from you to handle the compliance issue. This product is our first product that requires compliance tests. The wireless joypad was designed for use in both 868 MHz and 915 MHz. I designed the antenna and matching circuit to resonate at 868 MHz. The cut on the antenna and the matching circuit changes you saw on the PCB were made to tune the center frequency from 868 MHz to 915 MHz. In production, 915 MHz products will keep the short antenna and 868 MHz will keep longer antenna. Bitswave made these changes for tuning to different frequency bands not for compliance purposes.

Again, thanks for your help.

Richard Liu, Ph.D, PE
Professor
Department of Electrical and Computer Engineering
University of Houston
Houston, TX 77004-4005
Tel. 713-743-4421
Fax 713-743-4444