

Pace Americas, Inc.
310 Providence Mine Road
Nevada City, CA 95959



February 10, 2015

Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Attn: OET Dept.
Re: FCC ID: **PGRW500**

To Whom It May Concern:

In accordance with Title 47 Section 15.212 (b), Pace Americas believes it has met all of the requirements set out in that document for the granting of a **limited single modular approval**. Specifically, the criteria set out in Section 15.212 (b) are addressed as follows:

1. The Model AW500 module has its own shielding covering all critical RF components. This can be seen in the photographs included in the accompanying test report.
2. The modulation/data inputs are controlled by the BCM43526 5GHz WiFi compliant SoC (U1) following all IEEE 802.11 modulation requirements.
3. The 5V power requirements are supplied and regulated by the USB host port. In addition the module incorporates its own on-board 3.3v and 1.8v (U3) and 1.2v (U5) supply regulation supplied to the radio SoC and FEM's.
4. Has described in the Description of Operation the AW500 module employs two fully integrated proprietary stamped metal PCB mounted antennas. Both antennas have been verified at the time of initial authorization.
5. This module is a fully enclosed USB type adapter designed to be installed into a Pace based host STB. This module does not employ any ferrites to reduce unintended emissions.
6. The module is fitted with its own label, including the FCC ID number. The label ID and location is outlined on page #10 of the user manual.
7. The Model AW500 module has been tested to comply with all rules under Part 15. The compliance is assured by the design of the device and the user is unable to intervene to cause the device to operate incorrectly. These safeguards are outline in more detail in the Software Security attestation.
8. Information and warnings on MPE and RF exposure are included in the user manual (see page #5).
9. The AW500 module complies with Section 15.212 modular approval requirements except for being tested in a stand-alone configuration, i.e., *the module must not be inside another device during the testing*. Pace ensures compliance through manufacturing of its end products. Regulatory compliance is also ensured through professional installation and user manuals controlled by Pace and its service providers.

Sincerely,

A handwritten signature in black ink that reads "Mark A. Rieger". The signature is fluid and cursive, with the first name "Mark" and last name "Rieger" clearly legible.

Mark A. Rieger
Staff, Regulator Certifications Engineer
Pace Americas
310 Providence Mine Road
Nevada City, CA 95959

Tel: 530.274.5440
Mob: 530.575.6010
Fax: 530.273.6340

mark.rieger@pace.com

BRINGING TECHNOLOGY HOME
www.pace.com



Registered in England No. 1672847
Pace and **Pace** are trade marks and/or registered trade marks of Pace plc.