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905 Messenger Lane Moore, OK 73160 - P 405.794.7730 - F 405.794.7477 - www.radiotronix.com

Examining Engineer
American TCB, Inc.
6731 Whittier Avenue
Suite C110
McLean, VA 22101

To Whom It May Concern:

We are seeking FCC and IC modular approval for our Wi.232FHSS-250-FCC-R module (FCC ID: Q7V-3F090009X, IC: 5589A-3F090009). This module operates in the 902 – 928 MHz unlicensed band in compliance with FCC Part 15.247 and IC RSS210 rules as a frequency hopping device. Its purpose is to provide a UART interface to a customer device, and convey this data wirelessly to other module-equipped customer devices. It is our desire to obtain this grant so that our customers (OEM integrators) can integrate this module into their product and forego FCC Part 15 and IC RSS210 transmitter testing. We understand that this certification is subject to the following restrictions:

- The integrator must use a pre-approved antenna with the module.
- The integrator must not provide manual instructions to remove or install the device to end-users.
- End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

This modular device complies with all modular requirements outlined in FCC DA00-01407 and IC RSS-GEN. Specific to FCC DS00-01407,

- 1) Module has its own shielding
- 2) Module has buffered modulation/data inputs
- 3) Module has its own power supply regulation
- 4) Module complies with antenna requirements of 15.203 and 15.204
- 5) Module was tested in a stand-alone configuration
- 6) Module will be labeled with FCC ID. Instructions are given to the OEM integrator to include the label on the end-product's exterior in the module user's manual
- 7) The module complies with all applicable rules/operating requirements. Instructions are provided to the OEM integrator to ensure compliance.
- 8) The module complies with all applicable RF exposure requirements. A 20cm minimum distance is specified in the module user's manual

Regards,



Tom Marks
Vice President of Engineering
Radiotronix Inc.