



**TDK Electronics Ireland Ltd.**  
**European Technical Centre**  
3022 Lake Drive  
Citywest Business Campus  
Dublin 24  
Ireland  
Tel. +353 (0) 1 41 33 200  
Fax: +353 (0) 1 41 33 295

**Subject:** Request for Module Approval.  
**To Whom It May Concern:**

March 31, 2009

TDK Electronics hereby requests FCC Equipment Approval as a Modular Transmitter of the TDK Electronics Model *QRF1211981T-4001 IEEE802.11b/g WLAN SDIO Demonstration Module*, FCC ID W3RQRF4001SDIO.

This letter addresses the information required by points one through eight of 47 CFR 15.212.

1. The module has screening that is inherent in the wlan chipset and that provided by the use of multiple ground planes on the PCB and does not rely on any shielding that could be introduced as a result of integrating the module into a final product.
2. The module has interfaces that are digital and do not allow excessive data rates or over-modulation to occur.
3. The module has on-board power supply regulation and is therefore not reliant on any PSU regulation from the host system. The module receives +3.3Volts source from the host system and is filtered and regulated to power +1.8V and +1.5V domains for the analog and digital sub-systems.
4. The module has an onboard antenna and is not intended to be used with any external or additional antenna.
5. The module has been tested as a stand-alone device.
6. The module will be labelled with a unique FCC Identifier and the user integration instructions will document the requirement for an external label if the module label will not be visible in the final product.
7. The user integration instructions have been provided with this application.
8. The module complies with the RF Exposure requirements defined for devices operated at >20cm from the user.

Yours Faithfully,

Dr. Stephen Seawright  
Managing Director