

Date: October 20, 2009

Request for Modular Approval

FCC ID: N7NWISMO228/ IC: 2417C-WISMO228

Item	Requirements	EUT
1	The final device is designed for mobile or fixed operation (Portable is not permitted – Reference TCB Exclusion List (17 July 2002) II (g)).	This mini-PCI express Quadband Modem module will be installed in a host product where the transmitting antenna can provide 20cm separation distance to the body of user. This module is sold to OEM and will only be installed by OEM or OEM authorized installer. Install this module in a portable configuration is not allowed unless proper equipment authorization has obtained.
2	The maximum antenna gain to allow compliance with RF exposure requirements is listed on the Grant of Certification for the module.	The antenna gain including cable loss must not exceed 7.5 dBi in cellular band and 3.6 dBi in PCS band, for purpose of 2.1043 and 2.1091. Above MPE estimate is based upon the measured peak conducted output power. MPE estimate is submitted via separate RF exposure attached.
3	The licensed module must have a FCC label on the module itself. That FCC ID label must be visible through a window on the final device or it must be visible when an access panel, door or cover is easily removed. If not, a second label must be placed on the outside of the final device that contains the following text: Contains FCC ID: N7NWISMO228/ IC: 2417C-WISMO228	Please refer to the FCC label format. Labeling instruction has been provided in the OEM installation instruction.
4	The Grant should include the following words in the device description or grant notes: “modular transmitter” or “transmitter module”.	Modular approval is requested for this application.
5	The modular transmitter must have its own RF shielding.	The module platform is fully shielded to prevent interference between the host computer and the platform.
6	The modular transmitter must have buffered modulation/ data inputs.	The buffer is provided through UART connection.
7	The modular transmitter must have its own power supply regulation.	The power to the module will be provided through 3.6V supply pins from the notebook.

Effective Date: Immediately



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