

*Elliott TCB*  
*684 W. Maude Ave*  
*Sunnyvale, CA, 94085*

To whom it may concern:

The enclosed documents constitute a formal submittal and application for Equipment Authorization for the Datalogic Falcon X3 pursuant to the following rules:

Subparts C and E of Part 15 of FCC Rules (CFR 47)

RSS-Gen Issue 2, June 2007, "General Requirements and Information for the Certification of Radiocommunication Equipment"

RSS-210, Issue 7, June 2007, "Low-power Licence-exempt Radiocommunication Devices (All Frequency Bands): Category I Equipment"

The Falcon X3 is a hand-held personal data terminal intended for use in commercial environments. There are two radio devices contained in the system, a Bluetooth radio and a Wi-Fi radio and, as such, is considered a composite device under FCC rules. As the Falcon X3 includes accessories to be body-worn and the Wi-Fi radio's output power exceeds the threshold that requires routine evaluation, a SAR evaluation has been performed.

The Wi-Fi radio, which operates in the 2400-2483.5MHz, 5150-5250 MHz, 5250-5350 MHz, 5470-5725 MHz and 5725 – 5850 MHz bands, is a module that has FCC modular approval. As the modular approval does not allow for use in body-worn devices Datalogic is not relying on the existing modular approval but including the WiFi device in the system approval. All radiated spurious measurements for the WiFi module were made for the complete system but the conducted measurements at the antenna port were made on the module and have been taken from the modular approval reports. The DFS test report for the NII device / LELAN device is the test report for the Wi-Fi module. Datalogic uses the drivers and firmware provided by Summit and so the test report is considered representative for the Falcon X3. As the module cannot support streaming of the FCC video file required during DFS testing a KDB was submitted for an alternate method of generating traffic on the channel. Details of the KDB have therefore been included with this application.

The product label containing the FCC ID and Industry Canada certification numbers is inside the battery compartment. The label cannot be placed onto the battery compartment cover because the cover is removable; therefore the only remaining space is inside the battery compartment itself. The device is provided without the batteries installed so that the user can see the regulatory information when installing batteries for the first time.

Elliott Laboratories, as duly authorized agent prepared this submittal. A copy of the letter of our appointment as agent is included with the application.

If there are any questions or if further information is needed, please contact Elliott Laboratories for assistance.

Sincerely,

A handwritten signature in blue ink that reads "Mark Briggs". The signature is written in a cursive style with a large, stylized "M" and "B".

Mark Briggs  
Staff Engineer