SMART Technologies ULC
Suite 600, 214 11 Ave SW
Calgary, AB T2R 0K1
CANADA

Phone 403.245.0333
Fax 403.228.2500
info@smarttech.com www.smarttech.com

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

2026-05-01

Subject: **Application for Grant of Original Certification, FCC ID: QCI-PQRMOD3**

Dear Application Examiner:

SMART Technologies Inc. is submitting this application for Original Certification for the SMART MultiStylus, Model: PQR-3, FCC ID: QCI-PQRMOD3.

The SMART MultiStylus is intended for use as an accessory with a SMART Interactive Flat Panel (IFP) display in conjunction with either the SMART Docking Station (Model: CBQR-3) or Tool Sense Controller integrated within the RX-V2/QX-V3 Series IFP displays, which support proprietary 2.4 GHz communication with the PQR-3 MultiStylus and support wireless charging via Wireless Power Transfer (WPT) technology.

The SMART MultiStylus utilizes an MCU which controls two-way proprietary 2.4 GHz communication with the Tool Sense Controller in the SMART Docking Station or RX-V2/QX-V3 Series IFP displays. The MCU also controls WPT client device operations.

During 2.4 GHz communication, the MCU operates within the 2402 – 2480 MHz frequency band with 3.118% maximum operating duty cycle. Conducted transmit output power is set to 1.7 dBm and utilizes a chip antenna with 2.5 dBi peak gain.

As a WPT client device, the SMART MultiStylus includes a receive coil, a hybrid-supercap, and charging circuitry, which is controlled by the MCU. When docked, the MCU in the PQR-3 MultiStylus utilizes ASK modulation to couple its Tool ID onto the 125 kHz carrier signal transmitted from the Tool Sense Controller. When the Tool Sense Controller detects and confirms the validity of the MultiStylus, wireless charging proceeds and an RF communication link via 2.4 GHz connection will then be established between the MultiStylus and Tool Sense Controller. Wireless charging occurs via magnetic induction between a transmit coil in the charge dock and receive coil in the PQR-3 MultiStylus. The design is proprietary to SMART.

This application requests the SMART MultiStylus be granted “System Approval”. The SMART MultiStylus, Model: PQR-3 has been demonstrated to comply with FCC Part 15.247. Your efforts in reviewing this application are greatly appreciated. Please contact me if there are any questions or additional information needed concerning this request.

Sincerely,

Sean MacKellar

Sean MacKellar / Sr. Regulatory Specialist
SMART Technologies Inc.