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## Federal Communication Commission

**Subject: Cover Letter for FCC application for Certification of FCC ID: 2A36T-R4H**

May 17, 2024

TO WHOM IT MAY CONCERN:

This application is to seek an original certification on the Roundabout 4-Entry HL (List Number: 06R09-61) and Roundabout 3-Entry HL (List Number: 06R08-61) of the Abbott Automation Solutions GLP systems Track, as compliant with the following FCC standards below:

- FCC Part 15.225 Operation within the band of 13.110-14.010 MHz
- FCC Part 15.207 Conducted Limits
- FCC Part 15.209 Radiated Emissions Limits; General requirements

The Roundabout 4-Entry HL and Roundabout 3-Entry HL are used to connect 4 sections or 3 sections of elevated track, respectively, together, allowing CARs to merge onto a section of track by activating a switch to divert to the chosen track. Both devices each contain 4 identical SwitchController roundabout PCBs (2 RFID readers each).

EUT Model Name	EUT List Number	FCC ID
Roundabout 4-Entry HL	06R09-61	2A36T-R4H
Roundabout 3-Entry HL	06R08-61	

Table 1: EUT Identification Numbers

Both Roundabout 4-Entry HL and Roundabout 3-Entry HL use identical Radio PCBs. The difference between the two variants is that one of the Roundabout 3-entry HL SwitchController roundabout PCB does not have an actuator. The track plate is also minimally different to accommodate the lack of a track diverter on the Roundabout 3-entry HL. This minor difference in design is to cover both variants under one FCC ID.

The RFID readers are fully integrated 13.56 MHz Analog-front-end Data-Framing Reader RFID systems for fixed use, operating in accordance with ISO 15693.



Radio	Chip Information	Radio Frequency
RFID SwitchController roundabout 1 Reader 1, 2	Texas Instrument TRF7960	13.56MHz
RFID SwitchController roundabout 2 Reader 1, 2	Texas Instrument TRF7960	13.56MHz
RFID SwitchController roundabout 3 Reader 1, 2	Texas Instrument TRF7960	13.56MHz
RFID SwitchController roundabout 4 Reader 1, 2	Texas Instrument TRF7960	13.56MHz

*Table 2. All RFID radios within device*

A handwritten signature in blue ink, appearing to read 'Birgit Nowak', is positioned above a horizontal line.

**Signature**

**Birgit Nowak**

Manager Regulatory Affairs

Abbott Automation Solutions GmbH