

Federal Communication Commission

Subject: Cover Letter for FCC application for Certification of FCC ID: 2A36T-R3L

TO WHOM IT MAY CONCERN:

This application is to seek an original certification on the Roundabout 3-entry (List Number: 06R08-51) 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

This track element is used to connect 3 sections of track together, allowing a CAR to merge onto a section of track by activating a switch to divert to the chosen track. This includes RFID readers to determine the location of each CAR. This device contains 4 Roundabout Switches (2 RFID readers each).

EUT Model Name	EUT List Number	FCC ID
Roundabout 3-entry	06R08-51	2A36T-R3L

Table 1: EUT Identification Numbers

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 Roundabout Switch 1 Reader 1	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 1 Reader 2	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 2 Reader 1	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 2 Reader 2	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 3 Reader 1	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 3 Reader 2	Texas Instrument TRF7960	13.56MHz
RFID Roundabout Switch 4 Reader 1	Texas Instrument TRF7960	13.56MHz

RFID Roundabout Switch 4 Reader 2	Texas Instrument TRF7960	13.56MHz
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Table 2. All RFID radios within device

Sincerely,

Birgit Nowak

 23. June 2023