

Sveabot Tek AB  
Hogmossevägen 11, SE-641 39, Katrineholm, Sweden

Jun. 13, 2025

Federal Communications Commission  
Equipment Authorization Division  
7435 Oakland Mills Road  
Columbia, MD 21046  
USA

Attn: OET Dept.

Ref: FCC Class II Permissive change for FCC ID: 2A9RD-SVBR01CL

Applicant: Sveabot Tek AB

Dear Examiner,

This is to request a Class II Permissive change for FCC ID: 2A9RD-SVBR01CL originally granted on April 11, 2023 (date).

The change under this application is to:

SVBR01CL(S100 Pro R):

The tail floor mopping module and flat mop have been replaced with a floor cleaning brush and a water absorbing mat structure.

Structural change of sewage tank.

Laser ranging module changed to 3D radar.

2D radar inversion.

Thickening of charging electrode plates.

Move the manual charging port to the left side.

The structure of the water tank tray has been changed, and the position of the dust box has been moved to the left.

Add 3D LiDAR components and radar interface wiring harness.

Cancel the TOF sensors on both sides of the casing.

Add three-way valve.

Replace the fan and driver matching.

Cancel carpet sensor and air duct heating.

The charging circuit control only retains the positive contactor.

Remove the rear roller brush cooling fan and move it to the front for overall cooling.

The front roller brush motor control and temperature acquisition are integrated into one connector.

Add a small A3 algorithm board.

Change single touch edge to double touch edge.

Replace Bluetooth antenna.

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SVBR01CL(S100 Pro M):

L0054838\_ Upper shell: changed to install 3D radar, appearance changes.

L0054838\_ Upper shell: The horn has been changed from being assembled on the upper shell to being assembled on the upper shell layer board.

Add a L0048902-3D radar mounting plate.

Add cooling fans and ventilation holes on the upper shell(L0054840) layer board.

The laser radar has been adjusted from the lower shell layer board to be installed on the upper shell layer board. The opening for assembling the laser radar has been removed from the outer layer of the lower shell L0043182, and it has become a flat surface.

Add 3D LiDAR components and radar interface wiring harness.

Cancel the TOF sensors on both sides of the casing.

New front machine cooling fan.

Add a small A3 algorithm board.

Change single touch edge to double touch edge.

Replace Bluetooth antenna

For the above described change(s) the following tests was considered to be necessary:

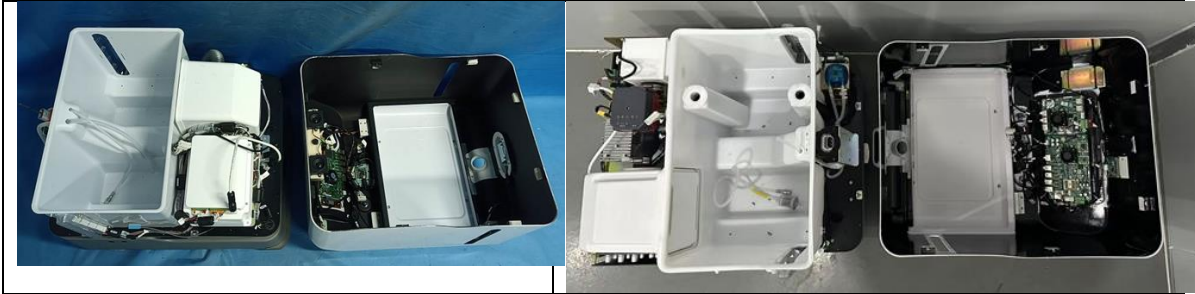
Clause	Testing
§15.247 (d),§15.209,§15.407(b) (1/4)	Radiated Spurious Emission
§15.207	AC Power Line Conducted Emission

Original	New
	
	

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I attest that the certified device will not be capable of ad-hoc mode operation outside of the grant conditions.

Sincerely,

(Signature of applicant)

*Yujie Liao*

Name: Yujie Liao

Date: Jun. 13, 2025

Title: General Manager

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