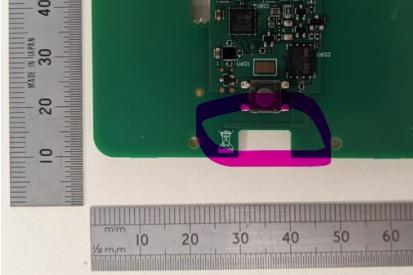
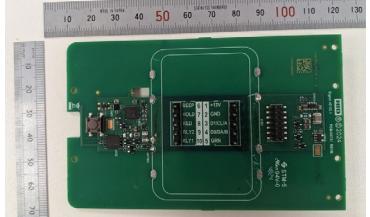
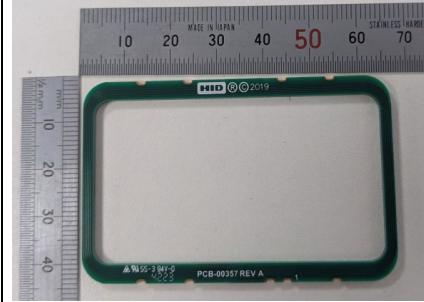


Signo Model 40TCV2:

Technology	Designation in Documentation (Antenna Type)	Frequency Range (MHz)	Antenna Photo with Ruler Along Both Edges (Carpenter Square)
BLE	Inverted F	2402 – 2480	 A photograph of a green printed circuit board (PCB) with a blue and pink printed inverted F antenna. A metal ruler is placed horizontally below the board, and a wooden ruler is placed vertically to the left of the board, both showing measurements in millimeters.
13.56 MHz RFID	PCB Tracks	13.56	 A photograph of a green PCB with a rectangular loop antenna. A metal ruler is placed horizontally below the board, showing measurements in millimeters.
125 kHz RFID	PCB Tracks	0.125	 A photograph of a green PCB with a rectangular loop antenna. A metal ruler is placed horizontally below the board, showing measurements in millimeters.

Technology	Antenna Directional Characteristic	Antenna Polarization Characteristic	Antenna Connection Type to Transmitter	Antenna Manufacturer	Antenna Model Number	Company that Measured Antenna Gain
BLE	Omni	Linear	Strip-line	HID	PCB-00731	HID
13.56 MHz RFID	Omni	NA	Strip-line	HID	PCB-00731	HID

125 kHz RFID	Omni	NA	Strip-line	HID	PCB-00357	HID
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13.56 MHz RFID

The radio utilizes an integral loop coil antenna, with an area of 6600 mm^2.

The length of the antenna loop element: 100 mm

The number of antenna coil turns: 2.

125 kHz RFID

The radio utilizes an integral loop coil antenna, with an area of 2470 mm^2.

The length of the antenna loop element: 65 mm

The number of antenna coil turns: 80.

Country	Frequency Range (MHz)	Mode	Max Measured Output Power (dBm)	Recommended Power Declarations
FCC IC	2402 - 2480	BLE	Avg: -0.57	0.5 dBm Avg Power

Antenna Gain:

Antenna #4 - CC2674R10			
Measurement	Frequency (MHz)		
	2402	2442	2482
3D Peak Gain (dBi)	-1.04	-1.72	-1.92
2D/Peak Gain (dBi)	-0.84	-1.55	-1.75