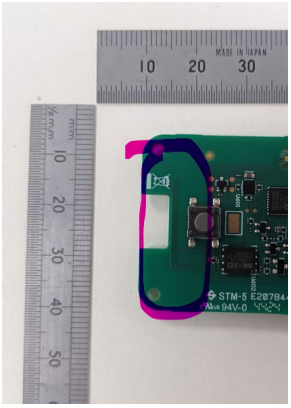
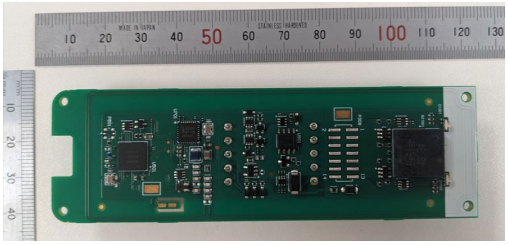
Signo Model 20V2:

Technology	Designation in Documentation (Antenna Type)	Frequency Range (MHz)	Antenna Photo
BLE	Inverted F	2402 – 2480	
13.56 MHz RFID	PCB Tracks	13.56	
125 kHz RFID	Copper wire loop	0.125	

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-00706	HID

13.56 MHz RFID	Omni	NA	Strip-line	HID	PCB-00706	HID
125 kHz RFID	Omni	NA	Twisted Wire	HID	MEL-00175	HID

The radio utilizes an integral loop coil antenna, with an area of 3135 mm^2.

The length of the antenna loop element: 95 mm

The number of antenna coil turns: 2.

125 kHz RFID

The radio utilizes an integral loop coil antenna, with an area of 1287 mm^2.

The length of the antenna loop element: 39 mm

The number of antenna coil turns: 100.

Note: The recommended Power Declarations include an assumed manufacturing tolerance of roughly **+/- 1dB**. If you would like to declare something different, please provide these values.

Country	Frequency Range (MHz)	Mode	Max Measured Output Power (dBm)	Recommended Power Declarations
FCC IC	2402 - 2480	BLE	Avg: -0.32	0.75 dBm **Avg Power**

Antenna Gain:

	Frequency (MHz)		
	2402	2442	2482
3D Gain (dBi)	-13.00	-13.36	-13.68
2D Gain (dBi)	-12.82	-13.26	-13.49