

MSA Innovation, LLC.

Date: February 06, 2026
 Subject: Declaration of HW/SW changes ALATIR io 6

FCC ID: P9R-MSAALTio6
 IC: 324C-MSAALTio6

To whom it may concern,

This document provides a comparison of the hardware and software differences between the originally tested ALTAIR io6 (HVIN: ALT-GL-XX, SW: 1.5.1), and the production version of ALTAIR io6 (HVIN: ALT-GL-XX-XX, SW: 1.5.23) submitted for spot check.

Hardware Changes on HVIN: ALT-GL-XX-XX:

	Changes
Battery PCBA	• Addition of a Programmable logic device to control LED and charger thermistor pin • Charger IC • depopulated one Capacitor
Display PCBA	No Changes
Main PCBA	• GNSS Antenna Matching network update • Microcontroller pullup updated • 2 Capacitors value updated to 47pF from 0.1uF • Removed DNP for a diode • FB updated PN • Added alternate button on Battery Pack
Mechanical Components	• Clip material pretreatment (Same material) changed to 1/4 Hard 304 Stainless Steel from annealed 304 Stainless Steel • Display Bracket added material to help protect PCBA components and stabilize the pump • Sensor Bracket added material to protect PCBA components • Front Housing added material to control pressure within flow path

SW Changes on SW: 1.5.23:

	Changes
Cell	• Adding eDRX feature • Improved handling of power down when going off.



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	• UBlox/Transa Cell Modem FW update
GNSS	• Added support for Galileo. • New GNSS Setting on io6 device" • GPS + Galileo + GLONASS • GNSS configuration optimization for power consumption • Assist now A-GNSS once per day: User Plane and is UE-Based
BLE	• Added the following messages over BLE ▪ Battery serial ▪ State of charge ▪ Time zone
RFID	RFID receivers gain update
Other	• Fuel Gauge Image update • Discharge Cutoff voltage update

Sincerely,

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