

5/16/2011

## Module Approval Request Letter

**Subject: Modular Approval**

**Date:**

**FCC ID: ZAS-GPSMODULE**

We, HUSQVARNA AB, authorize Eurofins Product Service GmbH to have our model: GPS\_MOW\_5 approved under module approval authorization. The application of this module is specified to mobile host equipment. The requirements regulated in Public Notice DA00-1407 have been fulfilled and clearly explained below.

1. The requirement of RF shielding: The shielding of the radio portion can be demonstrated in exhibition external photo.
2. The requirement of buffered inputs: Buffered data inputs stage has been integrated as described in attached “picture 1”.
3. The requirement of power supply regulation: The part number of the power regulator is indicated and described in attached “picture 2”
4. The requirements of section 15.203 and 15.204(C): The requirements of antenna connector and spurious emission have been fulfilled. Please reference the exhibition Test Report.
5. The requirement of stand-alone test configuration: Please reference exhibition Test Configuration Photo for the stand-alone test configuration.
6. The requirement of labelling: The instruction on the labelling rule of the end product has been stated in the Users manual of this module. Please also see the exhibition Label Sample.
7. The requirement of compliance on specific rule or operating requirements: The required FCC rule has been fulfilled and all the instructions for maintaining compliance has been clearly stated in the Users Manual.



8. The requirement of RF exposure: Please refer exhibition RF Exposure for the compliance of MPE RF exposure rule.

Company name: HUSQVARNA AB

Company Address: 561 82 HUSQVARNA, SWEDEN

A handwritten signature in blue ink, appearing to read 'Crister Gustavsson'.

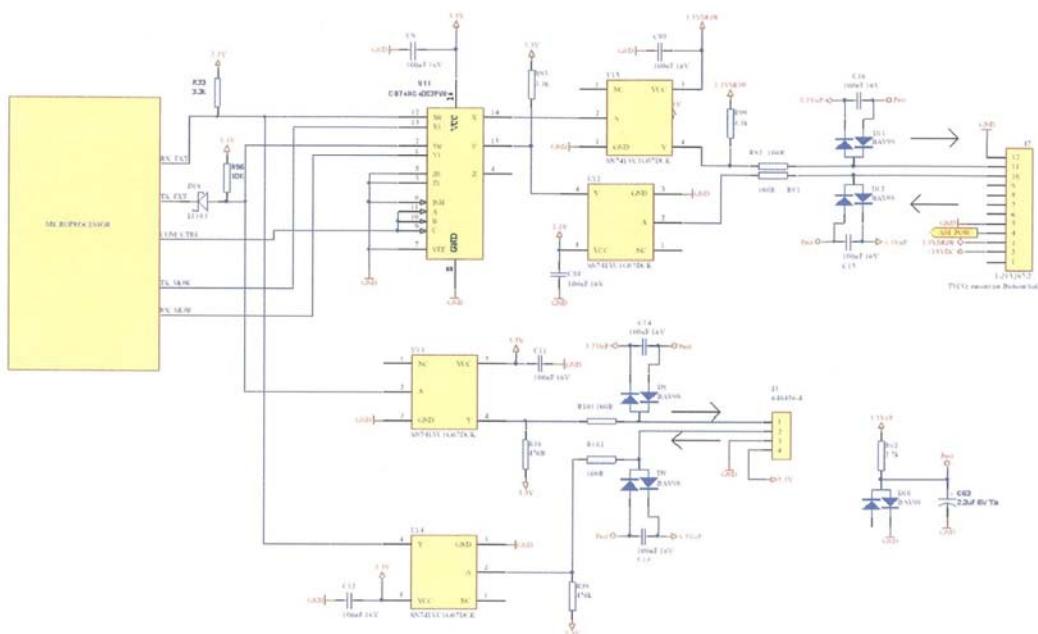
Signature:

Name: Mr. Crister Gustavsson

Job Title: Product Development Manager

## PICTURE 1

Tracker has 2 serial ports, both are buffered with 74LVC1G07 and connected to microprocessor using a 74HC4053 AM POW signal directly connected to Microprocessor



## PICTURE 2

The 18VDC from mower pass trough U19 that generate the 3.8VDC.

In normal conditions, the current flow through Q8 to power the Telit module, and all the regulators.

When power from 18VDC is missed, Q8 is opened and the current flow through Q7, in this case the backup battery is the power supply source for Telit and regulators

Microprocessor and memories are always powered from backup battery.

