



April 4, 2019

Subject: FCC 15.509 & RSS-220 Section 6.2.1 Class 2 PERMISSIVE CHANGE for Headsight Inc, Model HT5200, FCC ID: 2AEP2-THAWK1 and IC: 20168-THAWK1

The purpose of this report is to file for a Class II permissive change for the following reasons:

The form factor and core functionality remain the same as the previously certified design, but with a few performance improvements. The modification consists of the following:

1. Replaced amp chip with new amp, PN E101224. The new part is pin for pin compatible, performs the same basic function and changes no radio parameter.
2. The following changes were made to the digital circuits of the device:
 - o Moved small components out from between pins of panel mount Deutsch connector
 - o Increased pad size and trace width near Deutsch connector pins
 - o Changed switches to jumpers
 - o Updated EEPROM chip – old component was going obsolete (U18)
 - o Updated IMU chip – old component was going obsolete (U20)

No other hardware changes have been made to the original product. No changes to the transmitter circuitry of the radio, the changes described in this filing result in the same RF characteristics as in the original filing and the other original test results continue to be representative of and applicable to the equipment.

There is no increase in the output power; no RF Exposure condition changed; the device remains the same equipment class and there are no other changes to the device that indicate a need for a new FCC ID or IC number.

The test report shows that the product continues to meet the applicable requirements. See the test report and additional submittal exhibits for details.

Best Regards,

Sandi McEnery
Agent for Headsight Inc.