



April 17, 2020

Subject: FCC 15.509 & RSS-220 Section 6.2.1 Class 2 PERMISSIVE CHANGE for Headsight Inc, 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:

The PCB is the same, no layout changes just parts removed or replaced. The changes from the previous design are:

-DNI/De-population: C61, C49, R4, C57 removed.

-Part Replaced: C51 with 100 pF (p/n: 500R07N101JV4T)

L1 with 15nH (p/n: HK100515NJ-T)

U9 with TQP3M9037 (this part is a drop in replacement for QPL9503SR)

-Add version of the device with external USB port access. The previous design did not allow the USB port to be accessible by the user therefore a second version of the unit has been designed that will allow the USB port to be accessible. The change involves adding an access port to the device enclosure, no other changes were made.

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.