



Testing Tomorrow's Technology

July 18, 2024

Subject: FCC Part 15.407 and RSS-247 Class 2 Permissive Change for Inventek Systems, Model ISM43340, FCC ID: O7P-341 and IC: 10147A-341

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

1. Inventek Systems is adding additional operating frequency bands. The bands of operation are:
 - a. 5260 – 5320 MHz, UNII band 2a
 - b. 5500 – 5700 MHz, UNII band 2c

Due to the changes above, the equipment was evaluated for compliance with Part 15.407, 15.209 and RSS-247 requirements. Some of the testing performed include:

- Power limits
- Undesirable emissions limits
- Transmit Power Control and Dynamic Frequency Selection

No hardware changes have been made to the original product nor were there any additional changes to the transmitter circuitry of the radio. There is no increase in the output power; and the RF Exposure and MPE evaluation has been performed for the additional bands. 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. The test report shows that the product meets and continues to meet the applicable subpart of CFR 47, Part 15.207, 15.209, and 15.407, RSS-247. See the test report and additional submittal exhibits for details.

Original filing: 11-30-2015

Best Regards,

George yang - Agent for Inventek Systems