

## Chapter 1. Objective

The objective of this document is to present the features and the application of the B900ss-20 radio module.

The operation of this module is divided into two chapters:

- The 'Basic Operation' chapter describes the Module operating modes and allows the user to learn the WinB900 Software in walking through it.
- The 'Advanced Operation' is especially for users that want to program the module directly. It presents all the available commands.

### *FCC Compliance and Warning*

*Thank you for choosing Adcon Telemetry's B900ss-20 Smart Spread Spectrum RF Module, which has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.*

*In accordance with FCC rules and regulations, Part 15, this is to advise you that if the FCC ID number of the Smart Spread Spectrum is not visible when installed inside your device, then the outside of your device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains FCC ID: MQXB900ss-20." Any similar wording that expresses the same meaning may be used.*

*In addition the following statement should also be included on an exterior label (or in your documentation, if the unit is too small to accommodate the label) "This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference that may cause undesired operation. "*

*Adcon's Smart Spread Spectrum Modules are designed as component devices, which require external components to function. The B900ss-20 modules are intended to allow for full Part 15 compliance and are approved by the FCC. The purchaser understands that further approvals may be required prior to the sale or operation of the device, and agrees to utilize the component in keeping with all laws governing its operation in the country of operation. "*

*In order to comply with the FCC rules and regulations, the B900ss-20 RF Module may only be used with approved antennas that have been tested with this radio. At this writing the only approved antenna is the quarter-wave rubber duck antenna by MAT. If the OEM integrates the MQXB900ss-20 into their final product, where the product utilizes a non-approved antenna, the OEM is responsible for obtaining a separate authorization on the final product.*

## FCC RF EXPOSURE STATEMENT

This device is a low power transceiver and when in use, sends out radio frequency (RF) signals. To satisfy compliance with FCC RF exposure guidelines, the antenna used for this transmitter must be installed and operated with fix-mounted antennas to provide a separation distance of at least 20 cm from all persons' body and must not be co-located or operating in conjunction with any other antenna or transmitter.