



Thermo Scientific

# Niton XL2 and XL3 Communications Addendum

Supplement for Resource Guides v 8.2.1

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# Radio Frequency Communications in the Niton XL2 and XL3 Analyzers

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## Radio Frequency Communications

This Addendum covers radio frequency communications using the Thermo Scientific Niton XL2 and Niton XL3 XRF Analyzers. These additions will be rolled into subsequent Resource Guides, so this Addendum is considered supplemental only to the current version 8.2.1 Resource Guides for both analyzers.

Changes or modifications not expressly approved by Thermo Fisher Scientific could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## Radio Frequency Communications in the Niton XL2 and XL3 Analyzers

There are no detachable antennas.

The user has no control over the RF power settings of the equipment. All possible adjustments are pre-set at the factory.

### *WARNING! - FCC and IC Radiation Exposure Statement:*

- This equipment complies with FCC's and IC's RF radiation exposure limits set forth for an uncontrolled environment under the following conditions:
  1. This equipment should be installed and operated such that a minimum separation distance of 20cm is maintained between the radiator (antenna) & user's/nearby person's body at all times.
  2. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter."



