



America

5945 Cabot Parkway, Suite 100
Alpharetta, GA 30005

April 4, 2017

ACS TCB
5945 Cabot Parkway, Suite 100
Alpharetta, GA 30005

Re: FCC ID: QZC-MNIC

To Whom It May Concern:

The following application is submitted on behalf of our client, Elster Solutions, for evaluation of their model MNIC for limited modular approval certification under FCC Part 15.247.

The Model MNIC Printed Circuit Board Assembly (PCBA) module contains a frequency hopping spread spectrum (FHSS) radio operating in the 902-928 MHz ISM frequency band. It also contains circuitry for application control and communications with a host product. The MNIC module connects hosts using Advanced Metering Infrastructure (AMI) that utilizes a proprietary network architecture and protocol devised by Elster Electricity LLC.

The 900 MHz radio may operate in two modes: (Mode 1) The Energy Axis (EA) mode at low power or (Mode 2) SynergyNet mode at high power. The EA mode is Elster's legacy mode of operation while the SynergyNet mode is for future use and is compliant with the IEEE 802.15.4g standard for Smart Metering Utility Networks.

The MNIC was tested in full to the requirements of the aforementioned rules and was found to be in compliance.

Sincerely,

A handwritten signature in black ink that reads "R. Sam Wismer".

Sam Wismer
Southeast Regional Manager - EMC
TÜV SÜD America Inc.