



Federal Communications Commission
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To whom it may concern:

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This letter is to address compliance of antennas used for the Elster Solutions SynergyNet Mini Network Interface Card (MNIC) (FCC ID: QZC-MNIC) with FCC part 15.203.

1. Only the following antennas are authorized for use with the SynergyNet MNIC, no other antennas are permitted.
 - a. Honeywell (1B12150H01): 3.49 dBi, internal antenna
 - b. Laird/Antenex TRA9023P(NP) (white body) or TRAB9023P(NP) (black body): 3 dBi, external antenna
 - c. PCTEL/MAXRAD MFB9150 unity gain Fiberglass omnidirectional: 2.15 dBi, external antenna
 - d. PCTEL/MAXRAD MFB9153 3 dB Fiberglass omnidirectional: 5.15 dBi, external antenna
2. The internal antenna is installed on the exterior of the host electricity meter at the time of manufacture and is not accessible after the meter is installed.
3. Host electricity meters and metering equipment require professional installation by trained and authorized utility personnel.
4. In order to connect an external antenna to a SynergyNet MNIC module installed in a host electricity meter, an Elster Solutions antenna isolation board is required to be installed inside the host meter. In addition, for any external antenna installation an Elster Solutions 19 inch or 36 inch RF pigtail cable is required. The antenna isolation board and RF pigtail cable are sold only to authorized utility customers, and are not marketed or sold to the general public.
5. Furthermore, the SynergyNet MNIC, Elster host electricity meters and metering equipment are only sold to authorized utility customers and are not marketed or sold to the general public.

Respectfully,

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