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Oct 9, 2012

Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370
Newberry, Florida 32669

Re: Explanatory Letter to explain Model Differences

IC : 3669A-ACXX10
FCC : 0ZFACXX10

To Whom It May Concern:

Tantalus Systems Corp. produces 4 different smart meter communication modules that can be placed inside the GE family of single-phase meters; TC 1110-RD, TC 1210-RD, TC 1110 and TC 1210. A TC 1110 operates from 120V and a TC 1210 operates from 240V and they have different power supply circuitry to achieve this. Because of these differences the test laboratory tested both models completely in accordance with the FCC and IC requirements and all of the results are contained within the test report. The only difference between the TC 1110 and the TC 1110-RD is that the latter replaces an optoisolator with an optocoupler since the meter and smart communication module use a serial protocol to transfer information rather than just low frequency digital pulses to indicate meter consumption. Other than this, the PCB and all other components are identical. For this reason only verification testing was done on these models to ensure that they still meet the FCC and IC requirements in accordance with Class I permissive change regulations.

Sincerely,

Mark Fairburn
RF Design Engineer
Tantalus Systems Corp.