UNISYS

PCTC
Product Compliance Test Center
2476 Swedesford Road, Malvern, PA 19355

February 16, 2005

Tim Johnson
American Telecommunications Certification Body, Inc.
6731 Whittier Avenue
McLean, VA 22101

Reference: BBQ Guru Procomm 4 Controller (FCC ID: SVI94037)

Dear Mr. Johnson,

The Unisys Product Compliance Test Center (PCTC) would like to submit the following response/exhibits to your comments on behalf of the Therm-Omega-Tech, Inc.:

1. Updated Confidentiality Letter to reference to 47 CFR 0.459
2. Test Configuration Photos
3. Operational Description
4. Schematic including EMI modification components
5. Revised Test Report with reference to IC Standard, Section 3.1. Further, 99% Occupied bandwidth data is provided on the IC application (ATCB-Form RSP-100). During the EMI testing, the EUT was operated in Transmit/Receive mode of operation, the emission data presented in the test report is for both the activities.
6. Revised Test Report with correcting test distance, Section 4.1.2. This section is a common test procedure for radiated emission measurements between 30 MHz – 1000 MHz that we follow for the test distance of 3 or 10 meters. Therefore the sentence "A mast mounted broadband antenna was located at a distance of 10 meters…." has been changed to "A mast mounted broadband antenna was located at a distance of 3/10 meters (as applicable) …..". The test result section identifies the actual test distance used during the measurements.
7. Revised Test Report with correcting the quasi-peak measurements based on measured emission PRF, Section 4.1.3.1
8. Harmonic emissions (above 1 GHZ) detected with peak detector function were significantly below the applicable average limit, therefore no average measurements performed. Revised test report with this clarification, Section 4.1.3.1.

Please let me know me if you have any questions, at (610) 648-3758 or via Email at dipak.patel@unisys.com .

Thank you very much.

Very truly yours,

Dipak Patel

Dipak Patel, Technical Staff Engineer
Unisys PCTC