



**Merrychef 412S Series Microwave Assisted Impinger Oven**  
**Model: 412SMTV6DK\***  
(\* denotes additional characters in the Merrychef part number  
used to identify customer specific cosmetic variants.)

**FCC ID: PCV412SMTV6DK**

**Letter of Correspondence**

10 July 2007

American Telecommunications Certification Body, Inc  
6731 Whittier Avenue  
Suite C110  
McLean, VA 22101

To Whom It May Concern:

**RE: New Merrychef Product – Request for Grant of Equipment Authorization.**  
**Model: 412SMTV6DK\***

**FCC ID: PCV412SMTV6DK**

Please be advised that Merrychef Limited wish to introduce a new commercial Oven Appliance. The new model has the generic name 'Merrychef '412s' and is a Microwave Assisted Impinger Oven which combines high speed fan assisted convection heating and microwave energy to produce very rapid cooking, reheating or browning of the food product.

**Merrychef Limited**

Station Road West, Ash Vale,  
Aldershot GU12 5XA

T: +44(0)1252 371000

F: +44(0)1252 371007

[www.merrychef.com](http://www.merrychef.com)

Registered Office: As above

Registered in England

and Wales No. 467712

VAT Registered No 211815694

A Grant of Equipment Authorization is requested for evaluation of compliance with the relevant CFR 47 (FCC Part 18) rules for conducted and radiated emissions.

The model to be assessed is similar to the Merrychef 402s (FCC ID: PCV402S2086DK\* and PCV402S2406DK\*) but with higher microwave and convection power output capability. It features a mains voltage detection feature which on power up configures the appliance for either 208 Volt or 240 Volt 60Hz nominal mains supply. The 412s model also includes proportional control of the convection heater elements and related power management to limit overall power consumption.

Support documentation will be provided for your evaluation.

Please note that \* above denotes additional characters may be included in the Merrychef part number to identify customer specific cosmetic variants.

Yours sincerely

Paul Harrison  
Approvals Engineer