

# TRP/Cetecom bvba

December 7, 2001

Federal Communications Commission  
7435 Oakland Mills Rd  
Columbia, MD 21036

Re: Pending application for a cordless telephone handset to be marketed as a separate item  
FCC ID:L82-HOME-RF-4000

Gentlemen:

The application submitted herewith on behalf of Siemens is for cordless handsets to be marketed independently marketed for use with a multi-line capable base unit. There are two versions of this handset that are essentially identical except one unit can remotely access up to two independent phone lines and the other unit can remotely access up to four independent phone lines. All handset access is via a RF link to the base unit.

These new models of handsets (4820 and 4840) are basically identical to the handsets certified as part of a cordless telephone system (4000 series consisting of approximately 8 models) under FCCID:L82-1408 on May 29, 2001 and subsequent Class II permissive changes. However, new software has been implemented to provide multi-line functional capability, added features and integration with a new keypad. To accomplish the implementation of the software, minor variations in printed circuit board layout design was required. A later version of the Infineon RF transceiver was incorporated that uses the same basic random frequency hop selection algorithms as the previous approved models in the 4000 series of cordless phones. Basic technical description, frequency hop selection, rf transceiver sections for these handsets are unchanged from the handsets submitted and accepted for the previously approved system under FCC ID:L82-2408. In support of this application, a new measurement report, new SAR data, updated photographs and schematics have been provided as well as other pertinent information.

Sincerely,

Phillip Inglis  
Consultant