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Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046 USA

Subject: Original Certification Application for Frequency Hopping Spread Spectrum Transmitter  
Panasonic 5.8 GHz FHSS Cordless Telephone Handset, Model KX-TGA572  
FCC Certification for FCC ID: ACJ96NKX-TGA572

To Whom It May Concern:

Enclosed, find our original application for the subject transmitter. This product is in compliance with Part 15, Subpart C and Section 15.247. In accordance with provisions of Sections 0.457(d) and 0.459 of the Commission's Rules and Section 552(b)(4) of the Freedom of Information Act, we request permanent confidentiality for exhibits, which contains Description of Circuitry, Schematic Diagrams, Block Diagram, FHSS Operation of Description and Overview of Frequency Hopping Algorithm Table. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection. Also, in accordance with FCC Public Notice DA 04-1705, we request temporary confidentiality for exhibits, which contain External and Internal Photographs and the User Manual.

The subject product is cordless telephone handset. The transceiver portion of this product uses frequency hopping spread spectrum transmitter with FSK modulation with operation within 5759.7 ~ 5838.2 MHz with 50.3 mW maximum peak conducted RF output power. This handset uses permanently attached  $5/8 \lambda$  pattern antenna with nominal 4 dBi antenna gain.

The handset SAR test report was generated at maximum transmit power (EIRP) of 21.dBm (128.8 mW) with 20% duty cycle based on averaged and crest factor of 5. The SAR test report setup included this product's provided plastic belt clip and headset. The worst-case handset SAR test results for head position at low frequency channel was 0.078 W/Kg and body-worn position was 0.261 W/Kg.

This product is used with associated base unit, which was FCC Part 15C certified under FCC ID: ACJ96NKX-TG5771 on January 18, 2006; and FCC Part 68 TCB certified by CCL under identification number US: ACJW401BKX-TG5771.

Sincerely yours,

*Richard Mullen*

Richard Mullen  
Group Manager