

Date: September 28, 2004  
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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 System, Model KX-TG5438 Family  
FCC Certification for FCC ID: ACJ96NKX-TG5438

To Whom It May Concern:

Enclosed, find Matsushita Electric Industrial Co., Ltd.'s 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 Section 0.457(d) of the Commission's Rules and Section 552(b)(4) of the Freedom of Information Act, we request confidentiality for exhibits filed, which contains Description of Circuitry, Schematic Diagrams, FHSS Operation of Description and Overview of Frequency Hopping Algorithm. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection.

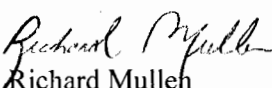
The subject product is cordless telephone system, which consists of both base and handset units. The transceiver portion of this product uses frequency hopping spread spectrum transmitter with FSK modulation with operation within 5759.7 ~ 5838.2 MHz at 0.0794 watt peak conducted RF output power and less than 7mW when considering reductions for duty cycle. The mobile base unit uses left and right antenna with nominal 3 dBi antenna gain and the portable handset uses 5/8  $\lambda$  pattern antenna with nominal 4 dBi antenna gain. The User Manual will contain the following FCC RF Exposure Warning:

This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF exposure requirements the base unit must be installed and operated with its antenna located 20 cm or more between antenna and all person's body (excluding extremities of hands, wrist and feet). The handset unit may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided. The base and handset units must not be co-located or operated in conjunction with any other antenna or transmitter.

The telephone interface portion of this product's base unit was Part 68 TCB certified under identification number US: ACJW401BKX-TG5438.

Please advise the undersigned if you have any questions or comments for this filing. Thank you for your attention in this matter.

Sincerely yours,

  
Richard Mullen  
Group Manager