

# Matsushita Electric Corporation of America

Product Safety & Compliance Division

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August 7, 2000

KMTDKM4-00-U44

731 Confirmation Number: EA98399

Federal Communications Commission  
Equipment Approval Services  
P.O. Box 358315  
Pittsburgh, PA 15251-5315

Subject: Original Application for Direct Sequence Spread Spectrum Cordless Telephone System  
Panasonic 2.4 GHz Cordless Telephone System, Model KX-TG2670 Series  
FCC ID: ACJ96NKX-TG2670

Gentlemen:


Enclosed, find Matsushita Electric Industrial Co., Ltd.'s Application for Equipment Authorization dated July 18, 2000. This system is in compliance with Part 15, Subpart C and in accordance with §15.247 of the FCC Rules.

The subject device is a direct sequence spread spectrum cordless telephone system with operation on 24 channels within the 2401.5~2470.5 MHz frequency band. The measured maximum RF output power for the handset is 80.4mW and the base unit is 75.5mW and the calculated processing gain is 12.3 dB. The worst case spatial peak SAR (brain) test results for the handset was 0.1260 W/kg with separation distance of 1.6cm and 0.1040 W/kg with separation distance of 1.0cm. The base unit was FCC Part 68 registered under FCC Reg No.: ACJJPN-35464-WI-E.

This cordless telephone system is provided with digital security coding combinations provided by: (1) 22-bit that provides greater than 4 billion digital security codes; (2) when handset is not on the base unit, the 22 bit codes change by the free-running timer; (3) when the user puts the handset on the base unit, the free-running timer ceases and decides the exact security code; (4) the base unit sends the security code information to the handset; (5) when shipped from the factory the security code is decided by the manufacture; and (6) upon power failure the base unit will automatically reset to new digital security code.

Should you have any questions, please contact the undersigned. Thank you for your attention in this matter.

Sincerely yours,

  
Richard Mullen  
Group Manager

cc: K. Nawata / KME-KMTD(KM4)