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Product Safety & Compliance Division

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KMTDKM4-00-U66

731 Confirmation Number: EA99439

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-TG2583 Series
FCC ID: ACJ96NKX-TG2583

Gentlemen:

Enclosed, find Matsushita Electric Industrial Co., Ltd.'s Application for Equipment Authorization dated November 22, 2000. This system is in compliance with Part 15, Subpart C and in accordance with §15.247 of the FCC Rules.

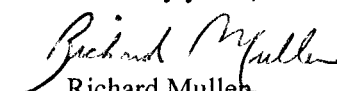
The subject device is a direct sequence spread spectrum cordless telephone system with operation on 24 channels within the 2401.5~ 2470.5 MHz frequency band. The maximum RF conducted output power for the portable handset is 91.4mW EIRP and the base unit is 117.85mW EIRP. The calculated processing gain for the portable and base unit is 11.9dB and 11.6dB, respectively.

Regarding RF exposure compliance, the localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE C95.1-1992 was performed in accordance with ANSI/IEEE C95-3-1992. The worst-case spatial peak SAR test results for the handset were 0.7198W/kg for brain and 0.8184W/kg for body, which is below maximum allowable 1.6W/kg averaged over 1 gram. The base unit was separately submitted for FCC Part 68 registration and the registration number is pending (FCC Reg No.: ACJMUL- -WI-E).

This cordless telephone system is provided with digital security coding combinations provided by: (1) 22-bit that provides greater than 4 million 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 return to the same 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