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Panasonic Quasar Technics

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KMTDKM4-01-U24

731 Confirmation Number: EA101211

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD. 21046

Subject: Original Application for 2.4 GHz, Direct Sequence Spread Spectrum Cordless Telephone system. Panasonic Models KX-TG2481(xx), KX-TG2451(xx) and KX-TG2401 series. FCC ID : ACJ96NKX-TG2481

Dear Sir or Madam:

This is a Matsushita Electric Industrial Co., Ltd.'s application for equipment authorization. This device is in compliance with Part 15, Subpart C, section 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 63 mW EIRP and the base unit is 103 mW EIRP. The calculated processing gain for the portable handset and base 11.8dB and 11.4dB respectively.

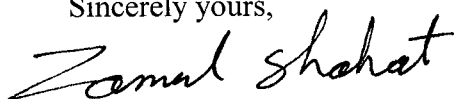
Regarding RF exposure compliance, the localized specific absorption rate (SAR) for uncontrolled Environment/ general population exposure limits specified in ANSI/IEEE C95.1-1992 was performed in Accordance with ANSI/IEEE C95-3-1992. The worst case spatial peak SAR test result for the handset Were 0.547W/kg for brain and 0.5626W/kg for body, which is below maximum allowable 1.6W/kg.

For Base unit, the user manual page 79 of subject device shows the following caution statement. "CAUTION: To comply with FCC RF exposure requirements, the base unit should be installed with its antenna located at 20 cm or more from person."

The above statment enable base unit to be classified as a mobile unit and exempt from SAR requirement.

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

Sincerely yours,



Zameel Shahat
Project Engineer