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

Subject: Original Certification Application for Digital Transmission System (DTS)
2.4 GHz FHSS Cordless Telephone Base, Model KX-TH102
2.4 GHz FHSS Cordless Telephone Portable Handset, Model KX-THA11
FCC Certification for FCC ID: ACJ96NKX-TH102

To Whom It May Concern:

Enclosed, find Panasonic Corporation of North America'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 E, F, G and I, which contain Description of Electrical Circuitry, Schematic Diagram, Block Diagram and FHSS Description. These exhibits contain proprietary, confidential and trade secrets material, which would not be routinely made available for public inspection.

The base and handset of the subject DTS system uses frequency hopping spread spectrum operation within 2402~2480 MHz band. The mobile base uses permanently attached dipole antenna with 2.14 dBi nominal antenna gain and has 88.3 mW maximum peak conducted output power. The portable handset uses permanently attached whip antenna with 2.14 dBi and chip antenna with 1.0 dBi nominal antenna gain and has 122 mW maximum peak conducted output power.

RF exposure evaluation is satisfied by: (1) MPE for mobile base operation at 20 cm spacing with calculated results of 0.02876 mW/cm²; and (2) SAR for portable handset operation at zero spacing with measured results of 0.429 W/kg for Head and 0.427 W/kg for Body.

The handset contains USB interface port and will be authorized under Declaration of Conformity in compliance with FCC Part 15B to meet Class B limits when computer system tested in accordance with ANSI C63.4-2003. The base connects to the telephone network and was separately TCB certified under US: ACJW402BKX-TH102.

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

Richard Mullen
Group Manager