

Narrative Description:

The Gen1 In-Home Gateway is part of the NUVANT™ Mobile Cardiac Telemetry System. The NUVANT™ Mobile Cardiac Telemetry (MCT) System continuously measures and records patient physiological data. Periodically, this data is sent to a data collection server. The Gateway is the wireless interface between the patient worn Adherent Device and the data collection server. The industry standard “Bluetooth” wireless protocol is used between the Gateway and Adherent Device while “GSM/GPRS” is used between the Gateway and data collection server.

The Bluetooth integrated circuit, National Semiconductor LMX9830, is used with a printed circuit board meandered “F” antenna. The GSM module is used with a Jinchang meandered dipole, 2.0dBi, GSM antenna, model JCG059.

zLink [GEN1 Gateway] is marketed with another device, PiiX with FCC ID XOH-PIIX. zLINK and PiiX are part of the NUVANT MCT system, see user manual for more details.

The GEN1 Gateway contains an FCC approved transmitter, FCC ID XOH-GSM001.