

RF Exposure evaluation

There are two similar units granted under FCC ID: JIAXTP1: one version is intended for use on a person's body (Arm Patch), the other version to be ingested as a pill, for temporary operation within a person's body (Capsule). Identical circuitry is contained in each

The measured Field Strength (at fundamental frequency of 40.68 MHz, at 3m distance) from the Capsule is less than 24 dB(μ V/m) (please see page 10 of the test report). This corresponds to an EIRP of -70 dBm (or 10^{-10} W).

If the energy from the Capsule were to be totally absorbed in 1 gram of body tissue (theoretical threshold), the SAR would be 10^{-7} W/kg. This is below the measurement threshold of common SAR test systems.