

Declaration on Radiation Safety Standard conformance

To Whom It May Concern:

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Declares that the following product:

Description: 2.4 GHz Low Power POS Hand-held

FCC ID: T8D-I7780

Manufacturer: Ingenico

Type/model number: I7780

has an e.i.r.p. less than 31mW, which means that the worst case prediction of power density (100% reflection) at 5 cm distance (worst case) can be calculated as follows:

$$S = \frac{EIRP}{4\pi R^2} \quad (\text{power density without reflection})$$

$$S = \frac{2^2 EIRP}{4\pi R^2} \quad (\text{power density with 100\% reflection})$$

$$S = \frac{2^2 EIRP}{4\pi R^2} = \frac{31mW}{\pi(5cm)^2} = 0.40mW/cm^2 \quad (\text{limit} = 1.0mW/cm^2)$$

This means that according to the Supplement C (edition 97-01) to OET Bulletin 65 (edition 97-01) [1] the equipment fulfils the requirements on power density for general population/uncontrolled exposure and therefore fulfils the requirements of FCC Part 15.247(b)4.

Ingenico i7780 Hand-held does not require any pouch or holster to worn on a person's body as it normally remains on its base or shelf, just during a transaction period (a few seconds) hand-held will be in hand and once process will be end user will return hand-held onto its base or shelf.

Sincerely,



Pere Mogas, EM