APPENDIX A: RF EXPOSURE PART 1.1307, 1.1310, 2.1091, 2.1093

General Information:
FCCID: HHP7400-352
Environment: General Population/Uncontrolled Exposure
Device category: Portable per Part 2.1093

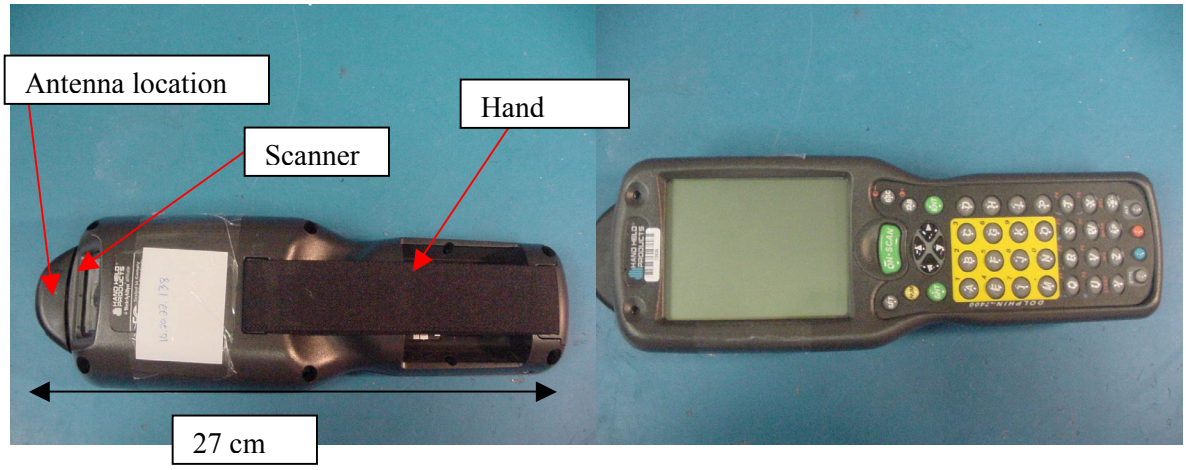
Operating Configurations and Test Conditions:

Antenna Type(s):

Antenna	Type	Gain (dBi)
OEMPCBMINI	¼ wave, monopole	-0.89

Operating Conditions:

The Dolphin 7400 is a hand held computer/ bar code scanner - imager designed for easy, single-handed data collection. The Dolphin 7400 platform is equipped with an integrated imager. The imager can take images like shipping manifests, recipient signatures, while at the same time, decode OCR (Optical character Recognition) fonts. The Dolphin 7400 ships with the hand strap installed.The Dolphin 7400 is part of a data collection system that includes accessories specifically designed for vehicle, desktop and hub operations. Accessories available include serial and networkable communications/charging cradles, vehicle mounted charging/communication cradles: **Dolphin 7400 HomeBase™** Dolphin terminal charging and communication station.



By design, the antenna operates with a separation distance of at least 2.5 cm from a person's hands, wrists, feet and ankles, and the peak conducted and peak radiated (EIRP) output power do not exceed 11mW. After data collection using the scanner/imager feature, the Dolphin 7400 is normally placed in its HomeBase terminal or cradle. During normal operation, the device and its antenna operate at more than 5 cm from a person's body.

MPE Calculation:
The maximum distance, from the antenna at which MPE is met or exceeded, is calculated from the equation relating field strength E in V/m, transmit power P in Watts, transmit antenna numeric gain G, and separation distance in meters:

$$E(V/m) = \frac{\sqrt{30 \times P \times G}}{d} \qquad \text{Power density: } P_d(mW/cm^2) = \frac{E^2}{3770}$$

The limit for general population/uncontrolled exposure environment above 1500MHz is 1 mW/cm^2.

SEPARATION DISTANCE:

Separation Distance [A]	Antenna Gain (dBi)	
	-0.89	
Power[B] (Watt)	(in)	(cm)
0.011		0.9

Notes:
[A] = Distances are calculated for the largest (worst-case) separation distance as applicable
[B] = Measured conducted output power

CONCLUSION:
The device complies with the MPE requirements by providing a safe separation distance between the antenna, including any radiating structure, and any persons (human body excluding hands, wrists, ankles, and feet).

Proposed RF exposure safety information to include in User's Manual:

CAUTION: To comply with FCC RF exposure compliance requirements, a separation distance of at least 2 inches (5 cm) must be maintained between the antenna of this device and all persons (excluding hands, wrists, feet and ankles), during normal operation. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.