

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No.	: CN24BGWG 003
Test Specification	
Test item	: WIRELESS HANDHELD BARCODE SCANNER NLS-HR2000-BT, NLS-HR2300-BT, NLS-HR2000 Pro-BT, NLS-HR2000 plus-BT,NLS-HR3000-BT, NLSHR3300-BT(They have
Identification / Type No.	: identical hardware in main PCB and RF circuits, the only differences among them are the appearance color and LED circuit and scanning MCU)
Trademark	: Newland
FCC ID	: SL9NLS-HR2000-BT
Test standard	: CFR47 FCC Part 2: Section 2.1093 FCC KDB Publication 447498 v06

Measurement Record:

The minimum distance for the EUT is less than 5mm.

Since maximum peak output power of the transmitter is $-1.20 \text{ dBm} \approx 0.76 \text{ mW} < \frac{3 \cdot d}{\sqrt{f}} = 9.52 \text{ mW}$ (The threshold power at 2.4GHz Bluetooth).

Hence the EUT is excluded from SAR evaluation according to FCC KDB Publication 447498 D01 General RF Exposure Guidance v06.