

Safety Human Exposure

1.1 Radio Frequency Exposure Compliance

1.1.1 Electromagnetic Fields

RESULT:

Pass

Report No.	: CN240IUQ 003
Test Specification	
Test item	: Industrial Handheld Barcode Scanner
Identification / Type No.	: NLS-NVH220B, NLS-NVH210B, NLS-NVH230B, NLS-NVH240B, NLS-NVH250B, NLS-NVH260B, NLS-NVH270B, NLS-NVH280B, NLS-NVH290B
Trademark	: Newland
FCC ID	: SL9NLS-NVH220B
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 3.49 dBm $\approx$ 2.23 mW <

$$\frac{3 * d}{\sqrt{f}} = 9.52 \text{ mW.}$$

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