

# 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.