

Qorvo Nearby Interaction SDK Release Notes

Change Log

Release: 3.2.1 Date: 2025-01-16

Main Features

- UWB Stack Version: R11.9.2
- Driver version: 6.0.14
- NIQ library version: 1.1.0.0
- Fine Ranging (TWR and 2D AoA)
- Accessory low current consumption design
- Implemented the Apple NI Service, to enable Background mode

Known issues and limitations

- All projects: Antenna delay are not calibrated, causing the TWR distance offset.
- All projects: Distance and AoA offsets can only be manually calibrated and hardcoded.
- AoA chip: Reporting LFoM (estimation of local AoA reliability) is not implemented.

Release folders structure

```
├── Binaries
│   ├── DWM3001CDK-QNI-FreeRTOS_full_QNI_3_0_0.hex
│   ├── nRF52832DK-QNI-FreeRTOS_full_QNI_3_0_0.hex
│   ├── nRF52833DK-QNI-FreeRTOS_full_QNI_3_0_0.hex
│   ├── nRF52840DK-QNI-FreeRTOS_full_QNI_3_0_0.hex
│   ├── QTag-QNI-FreeRTOS_full_QNI_3_0_0.hex
│   └── Type2AB_EVB-QNI-FreeRTOS_full_QNI_3_0_0.hex
└── Doc
```

- | — Qorvo_Nearby_Interaction_Accessory_Developer_Guide.pdf
- | — Sources
 - | — QNI-All-FreeRTOS_QNI_3_0_0.zip