
Device Summary Report

1. Conformance

GSRN No. : 950110126000000797
Product Name : Monza 2 Gen2 IC
Trade Mark : N/A
Product ID : N/A
Manufacturer : Impinj, Inc.
Client : Impinj, Inc.
Standard(s) : EPCglobal Class-1 Generation-2 UHF Protocol V1.0.9. for Communications at 860MHz to 960 MHz and EPCglobal Radio Frequency Identity Protocols Class-1 Generation-2 UHF RFID Conformance Requirements, Version 1.0.4

| Tag Conformance Badge | |
|-----------------------------|--------------------|
| Frequency Range | 860 - 960 MHz |
| Backscatter Modulation Type | ASK |
| Temperature range | -40C to +65C |
| Optional Command Support | Access, BlockWrite |

2. Interoperability

IC

| | |
|---------------------------|---|
| Name/GSRN of Certified IC | Monza 2 IC 950110126000000797 |
| Tag Used(model #) | Monza 2 Tag |
| Frequency Bands Tested | 862-870 MHz <input checked="" type="checkbox"/> 902 – 928 MHz <input checked="" type="checkbox"/> |
| *Tested Range: | 1 meter |
| Notes | Tag configurations that utilize the identical certified IC may be as interoperable as the tested tag. See tag manufacturer for selection of tags for this IC. |

IC – Integrated Circuit

* The distance between the reader antenna and tag used for testing

| Backscatter Encoding | M | Backscatter Data Rate (kbps) | Tari (µs) | | | |
|----------------------|---|------------------------------|--|--|--|--|
| | | | 6.25 – 12.5 | 12.5 – 18.75 | 18.75 – 25 | |
| FM0 | 1 | 640 – 320 | Mod: PR PIE:2:1 DR:64/3 Funct: P Sirit INfinity 510 RFID Reader | | | |
| | | 320 -256 | | | | |
| | | 256 – 160 | | | | |
| | | 160 – 40 | | | | |
| Subcarrier | 2 | 320 – 128 | | | | |
| | | 128 – 20 | | | | |
| | 4 | 160 – 64 | | | | |
| | | 64 – 10 | Mod: DS PIE:1.5:1 DR:8 Funct: P Sirit INfinity 510 RFID Reader | | Mod:PR PIE:2:1 DR:64/3 Funct: P Impinj Speedway RFID Reader | |
| | | 8 | 80 – 32 | Mod: PR PIE:2:1 DR:64/3 Funct: P Sirit INfinity 510 RFID Reader | | |
| | | | 32 – 5 | | | |

Appendix: Keys

| | |
|-----|-----------|
| DS | DSB-ASK |
| SS | SSB-ASK |
| PR | PR-ASK |
| X:1 | PIE ratio |

Optional Gen 2 functionality indicated under Funct:

- P Access passwords supported
- U User memory supported
- WT Write-able TID supported