

# RAIN RFID TAG TAR17

## IMPINJ M700 SERIES CHIPS

TAR17 antenna's size: 42 x 16 mm

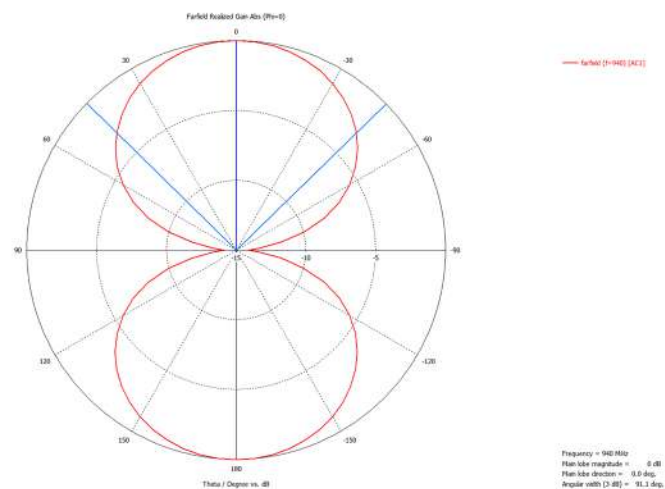
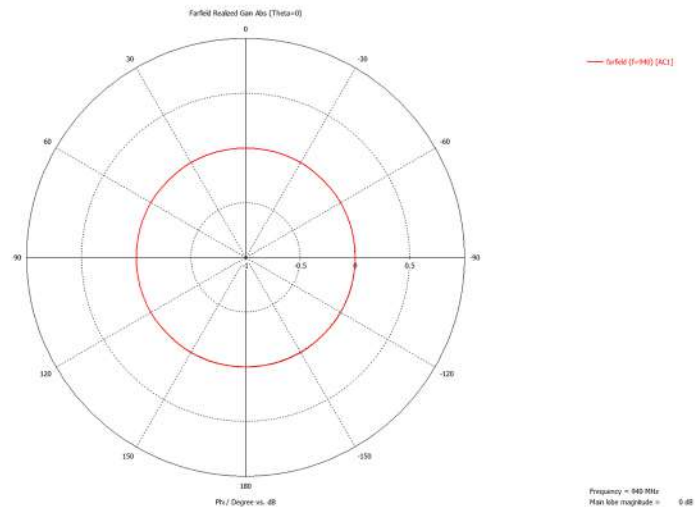
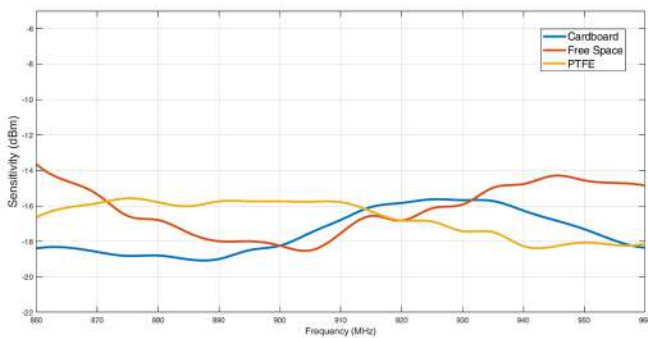
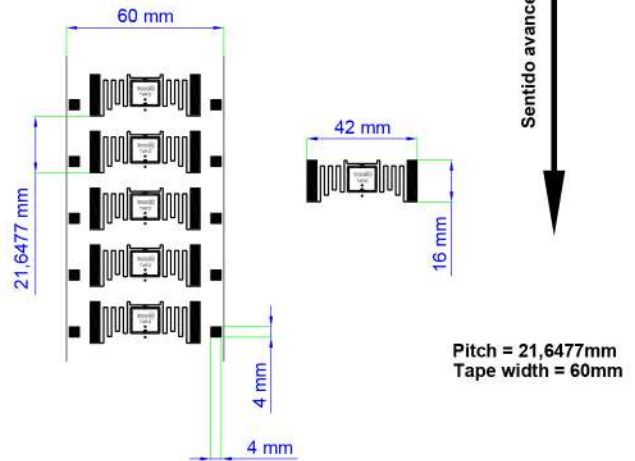
Wet / white-wet's size: 44.5 x 19 mm

Approximate read range: Until 21.6 m\*

\* Reading range has been tested in an environment of ideal conditions. In the real environment, the reading range varies according to the environmental conditions.

Trace-ID's RAIN RFID tag TAR17 with Impinj M700 Series Chips was developed to improve performance of its predecessor and suits RFID solutions for retail itemlevel deployments like apparel traceability. Also for pharma, cosmetics, and healthcare thanks to its size. Finally fits too RFID systems of the supply chain, logistics, and inventory.

Users interested in TAR17 are also visiting TE27 page.



## GENERAL CHARACTERISTICS

Wet / White Wet Inlay dimensions: 44.5 x 19 mm

Antenna dimensions: 42 x 16 mm

Standard pitch: 21.6 mm

Operating frequency: Global (960 – 860 MHz)

Chip: IMPINJ Monza 700 series (730/750)

EPC Memory: 128 / 96 bits auto serialized

USER Memory: 32 bits / None

TID Memory: 64 bit with 48 bit unique serial number

Inlay substrate material: PET

Inlay-to-liner adhesive: SH3020 (Arconvert)

Liner material: CC62 (Arconvert)

Total thickness over chip: 170 microns

Standard web width: 110 mm

Unwind direction: Label side out

RF Protocol: RAIN RFID / ISO-63-18000 and EPCglobal Gen 2v2 compliant

RoHS: EU Directive 65/2011 EU Compliant

Quality assurance: 100% read tested with out-of-tolerance inlay marked

Operating temperature: -40°C to 85°C

## COMMON APPLICATIONS

Apparel

Retail

Supply Chain

Inventory

Logistics

Pharma

Cosmetics Healthcare

