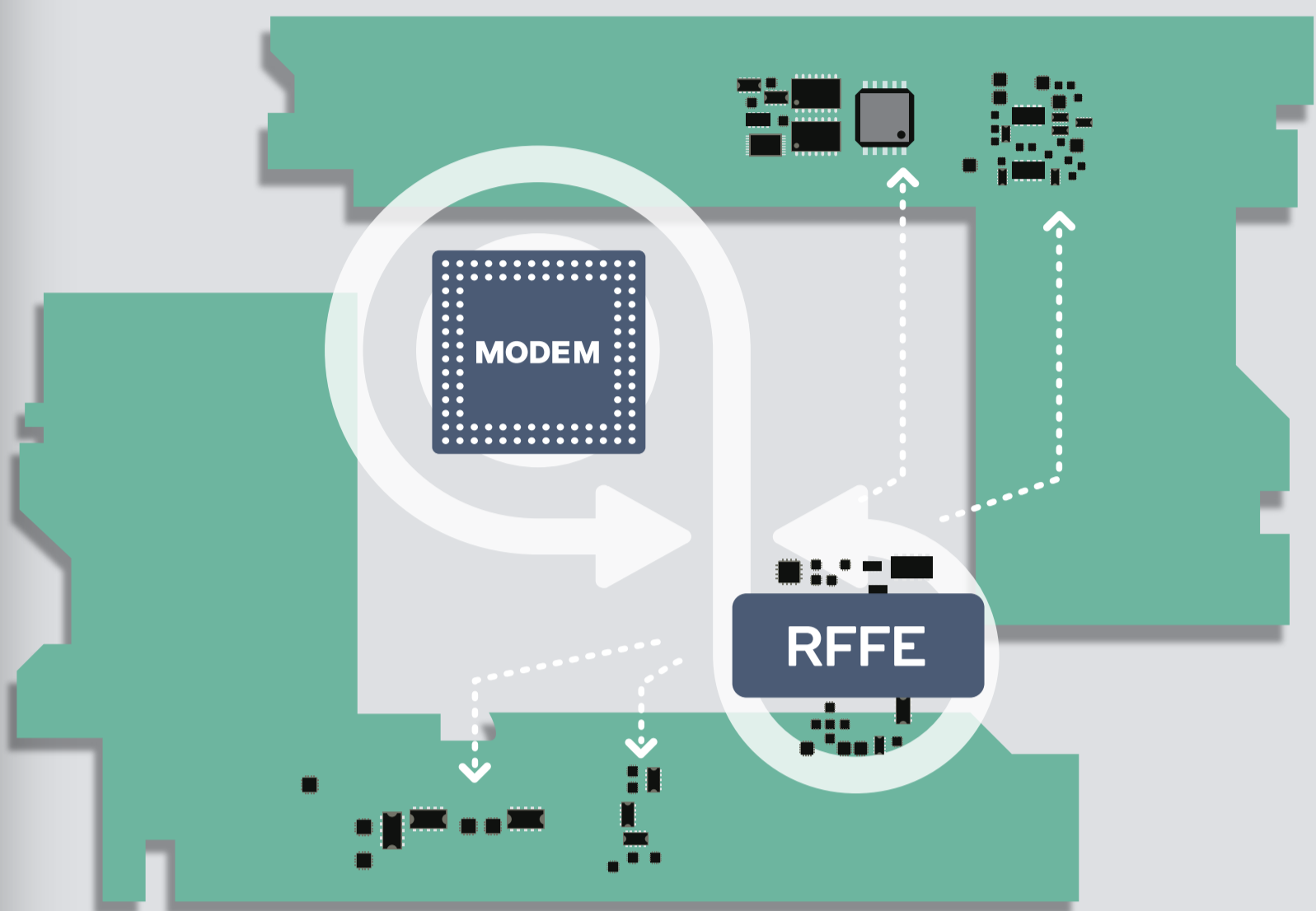


Qualcomm® RF Front End

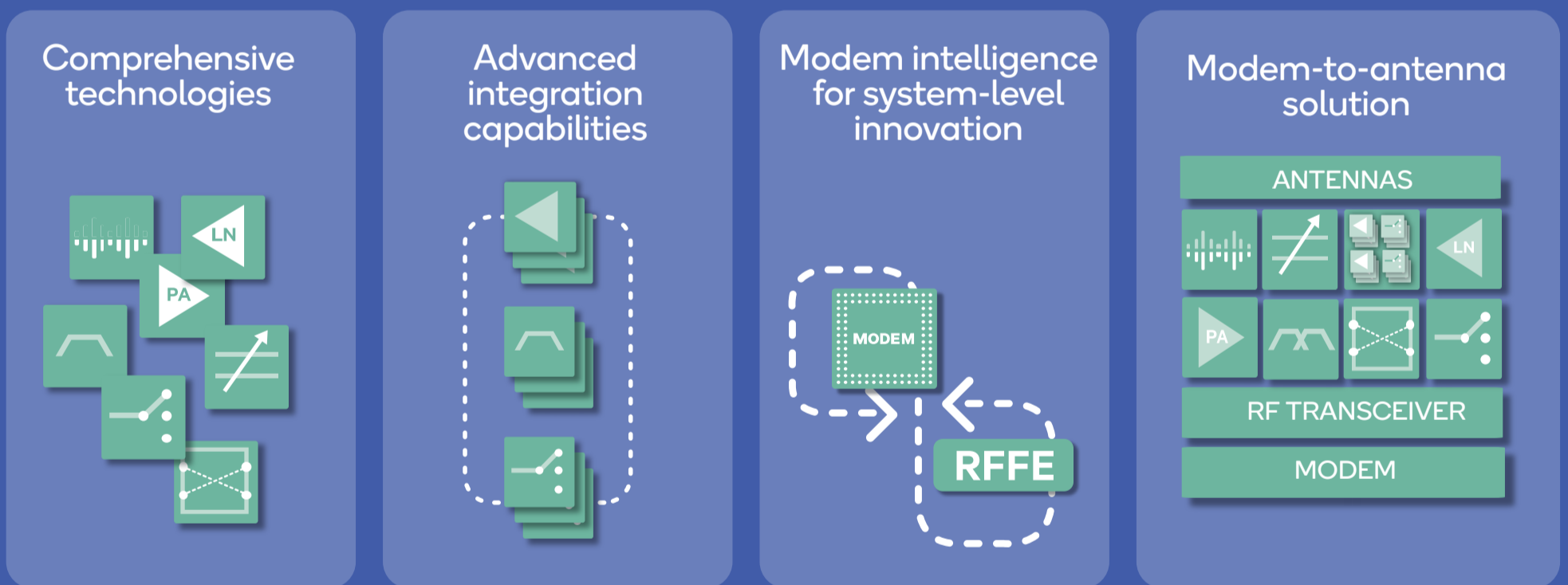
Comprehensive Mobile Platform from the Digital Modem to the Antenna

RF Front End (RFFE) refers to a set of mobile device components that converts information into radio signals that can be transmitted and received over the air. Qualcomm Technologies develops a comprehensive suite of RFFE products, wraps modem intelligence around them, and delivers cutting-edge mobile solutions that support advanced 5G multimode capabilities.



- Power amplifier modules
- Diversity modules
- Front-end modules
- Diversity switch
- Envelope tracker
- Average power tracker
- Impedance tuner
- Aperture tuner
- Filters
- Extractors
- Multiplexers
- RF switches

Helps OEMs deliver mobile devices at scale, and on time



Leading solutions designed to benefit the mobile ecosystem

From sleek 5G designs to long battery life and global band support to extended network coverage, RFFE is critical to the mobile experiences we expect from our devices today and for enabling future advances.



OEMs

- Low design-in effort for global 5G multimode devices
- Power-efficient devices
- Time-to-certification
- Time-to-launch



Consumers

- Fewer dropped calls*
- More consistent data, voice, and video experiences*
- Better indoor/outdoor coverage*
- Longer battery life*



Operators

- Better network coverage*
- Higher spectral efficiency and network capacity*
- Customer satisfaction through improved user experience

Qualcomm

*Compared to the same test device without Qualcomm RFFE technology, based on results from tests in test networks. Qualcomm RF Front End is a product of Qualcomm Technologies, Inc. and/or its subsidiaries. Qualcomm is a trademark of Qualcomm Incorporated, registered in the United States and other countries.