

HY-330

fall semester 2021

Introduction to telecommunication systems theory

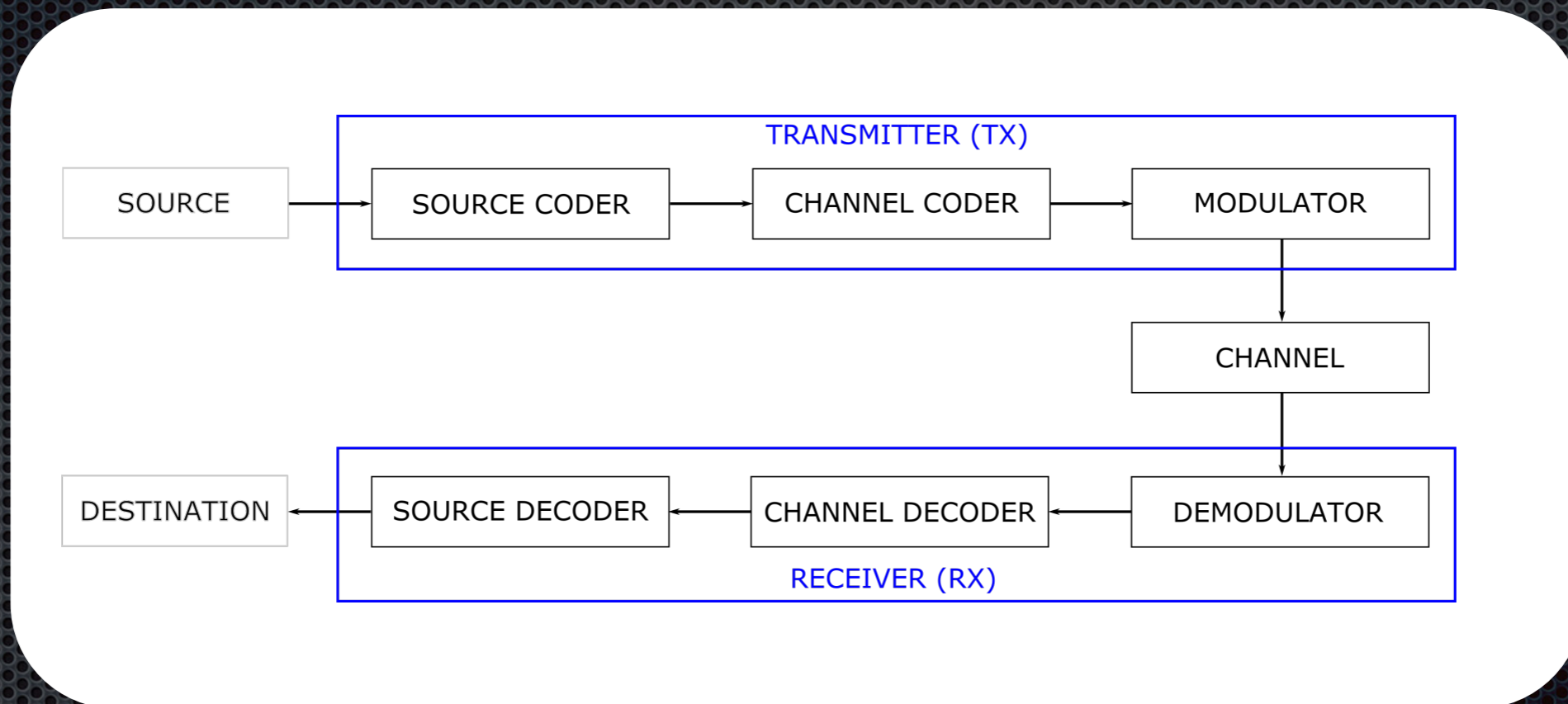
University of Crete
Computer Science Department

Stefanos Papadakis

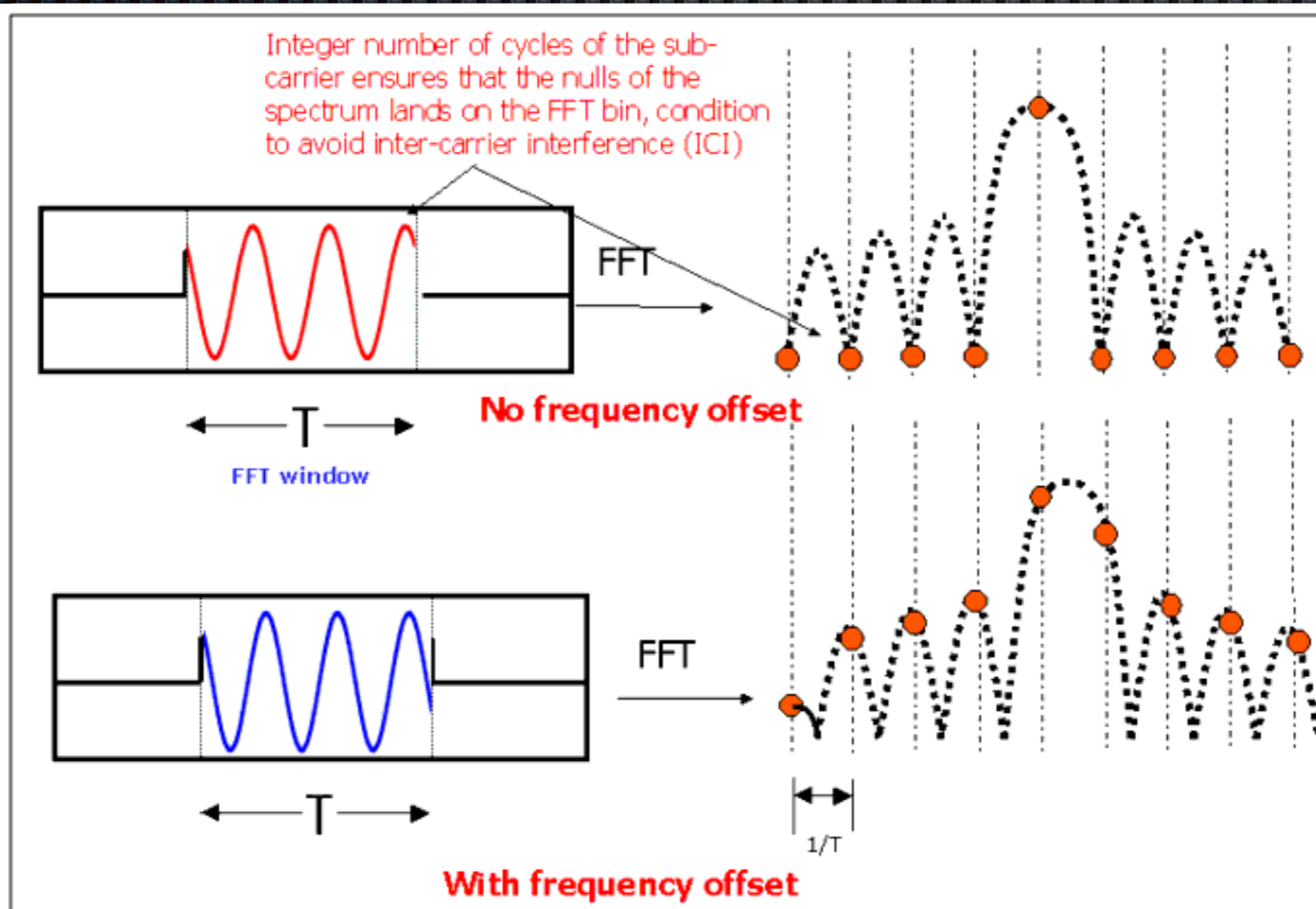
Rx

- ✦ Synchronization
- ✦ Carrier Frequency Offset
- ✦ Channel Estimation Equalization

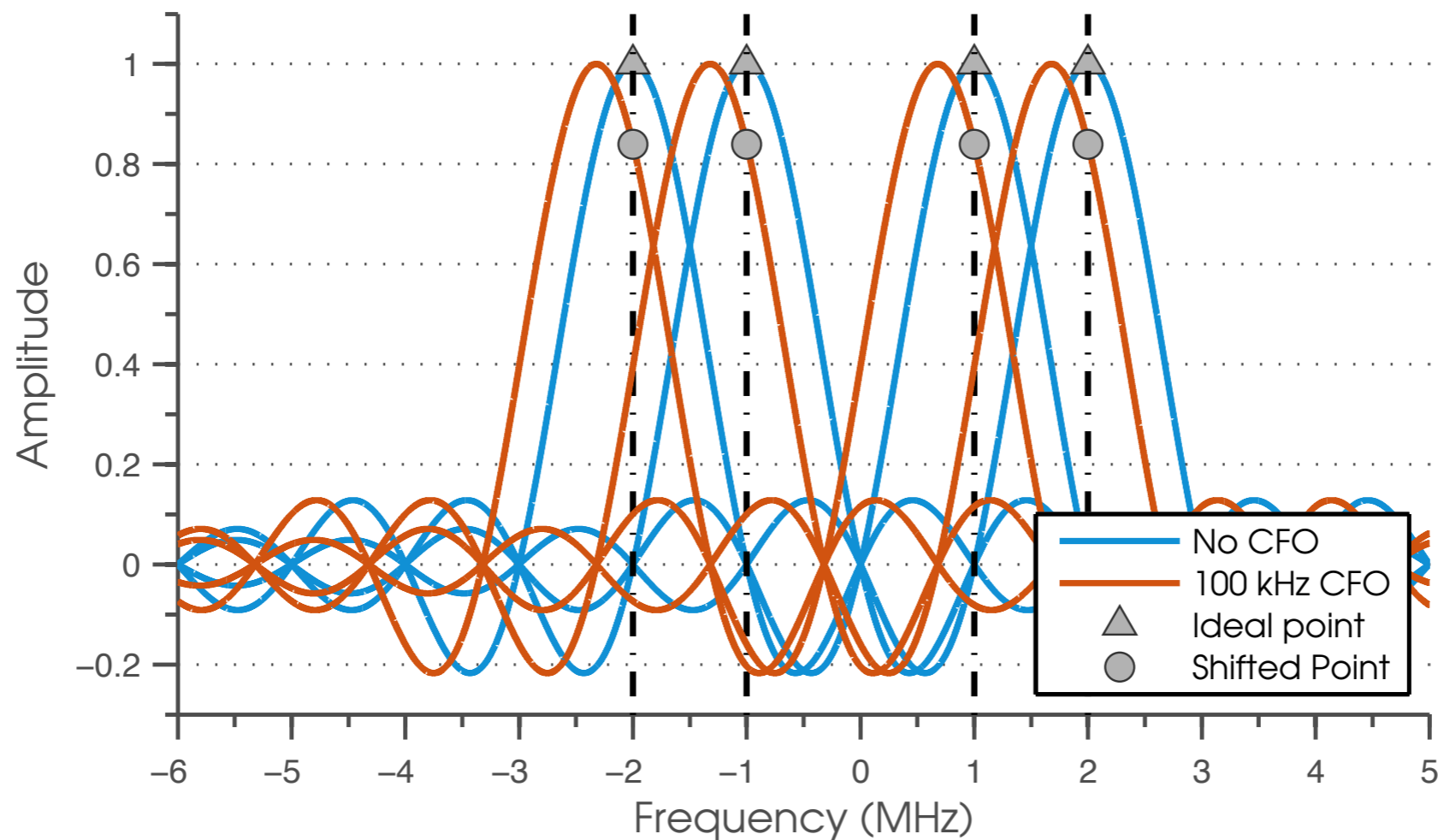
Clock Domains



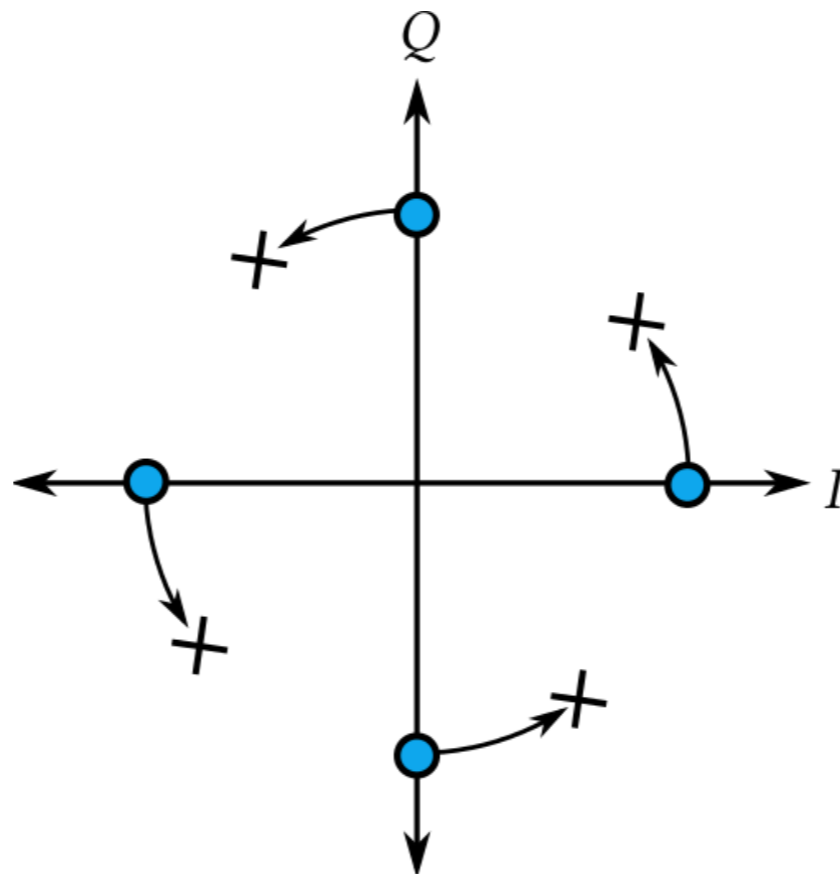
CFO in frequency domain



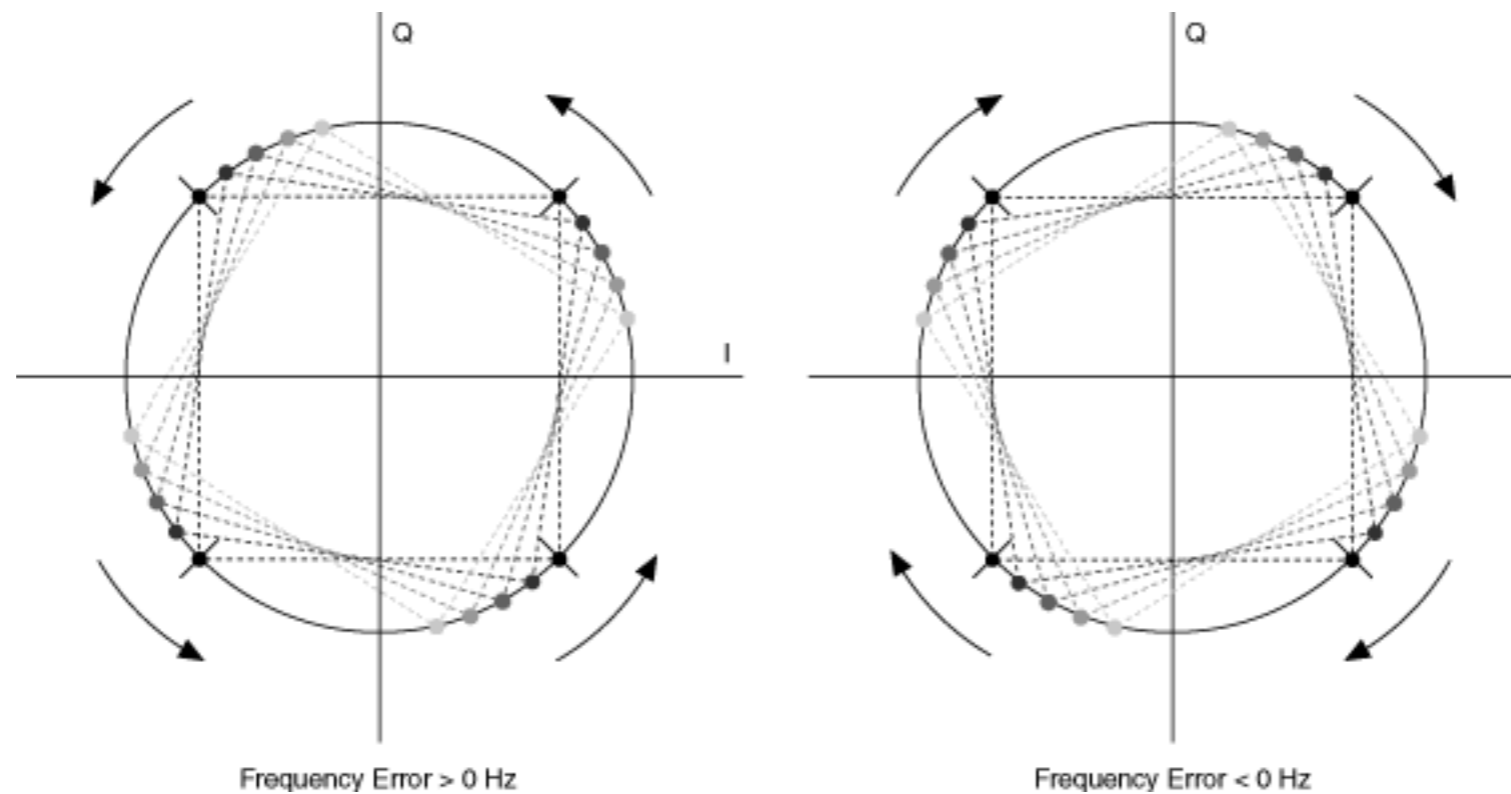
CFO in frequency domain



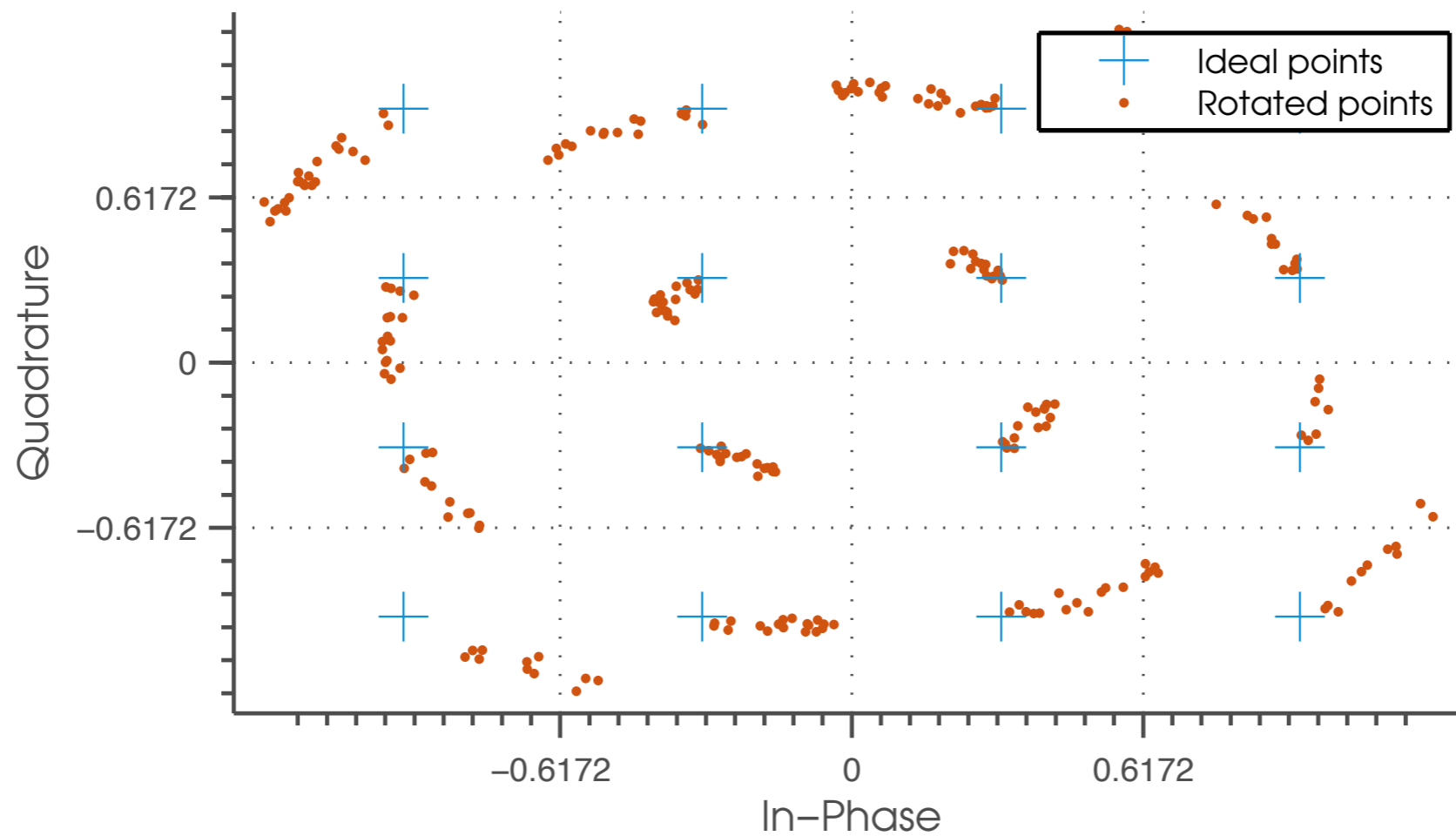
CFO in constellation



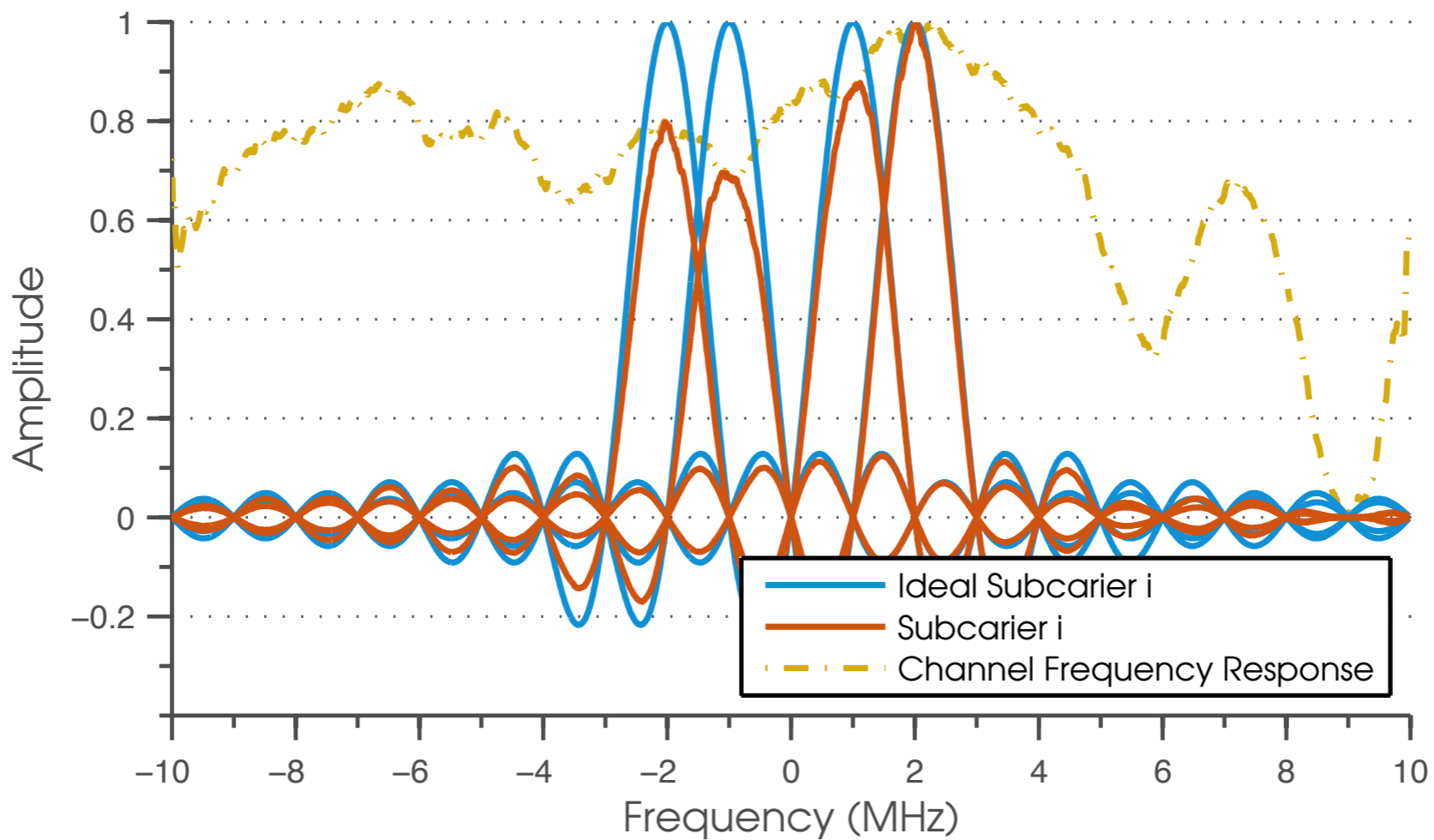
CFO in constellation



CFO in constellation



Channel Impact



Channel Impact

