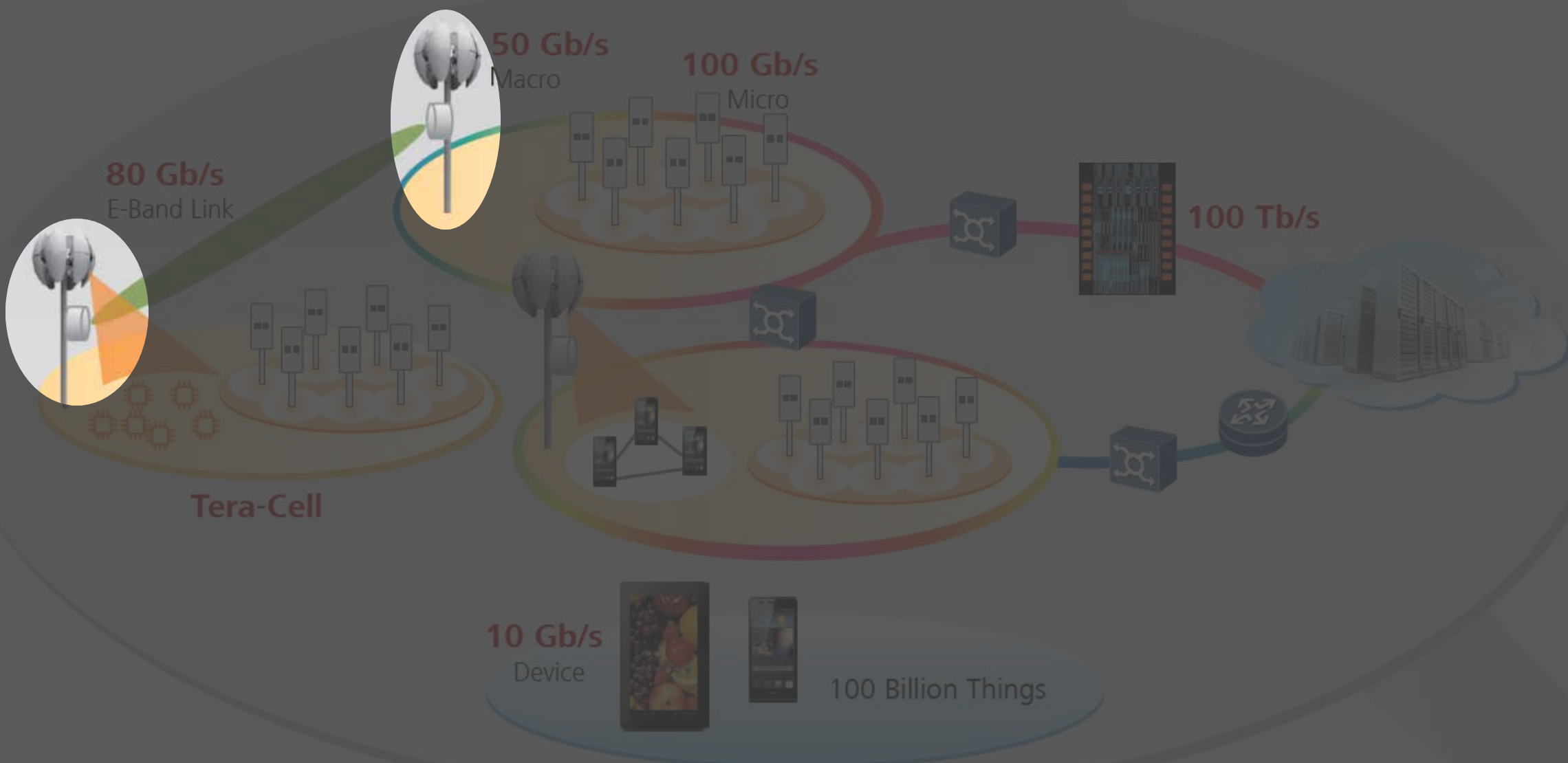


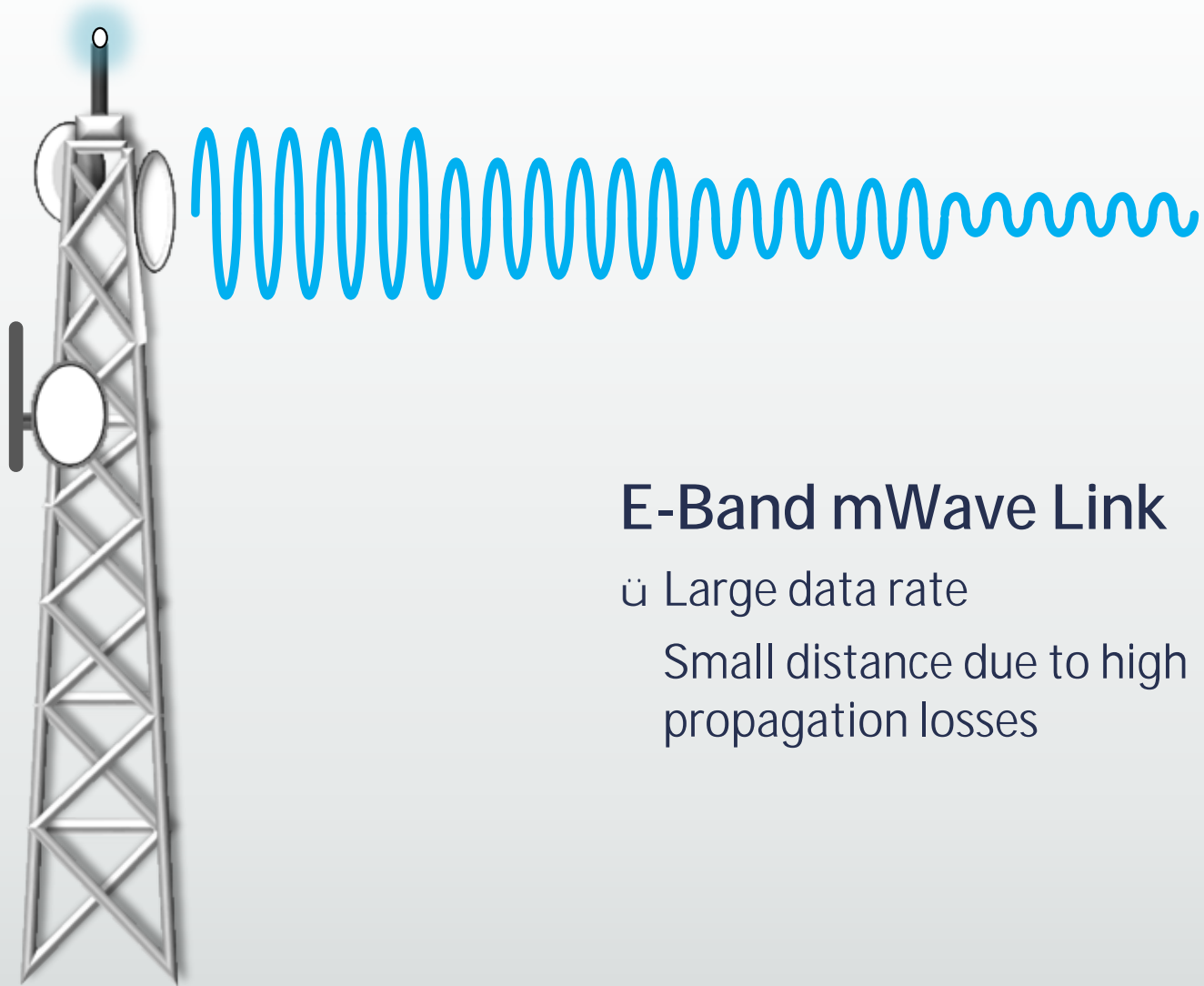
# MaxWaves

Future of point-to-point wireless communications



## Fiber Optics Link

- ü High data rates



## E-Band mWave Link

- ü Large data rate
- Small distance due to high propagation losses

## Massive Antenna Array

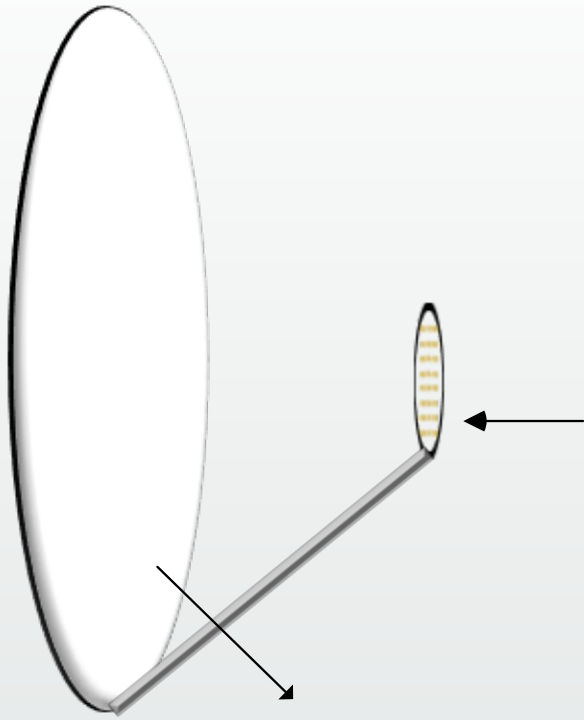


- ü Misalignment compensation
- Expensive

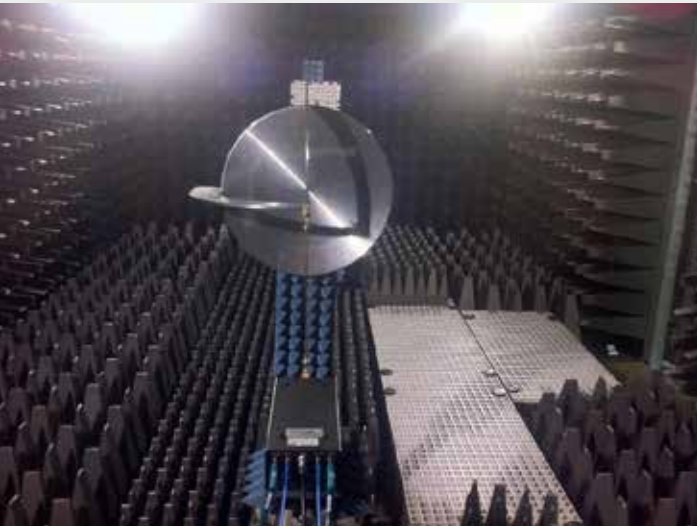
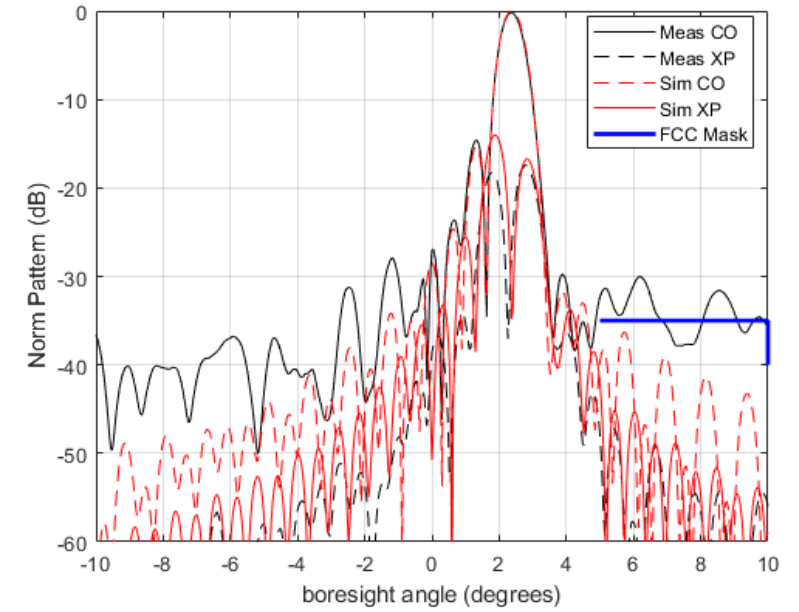
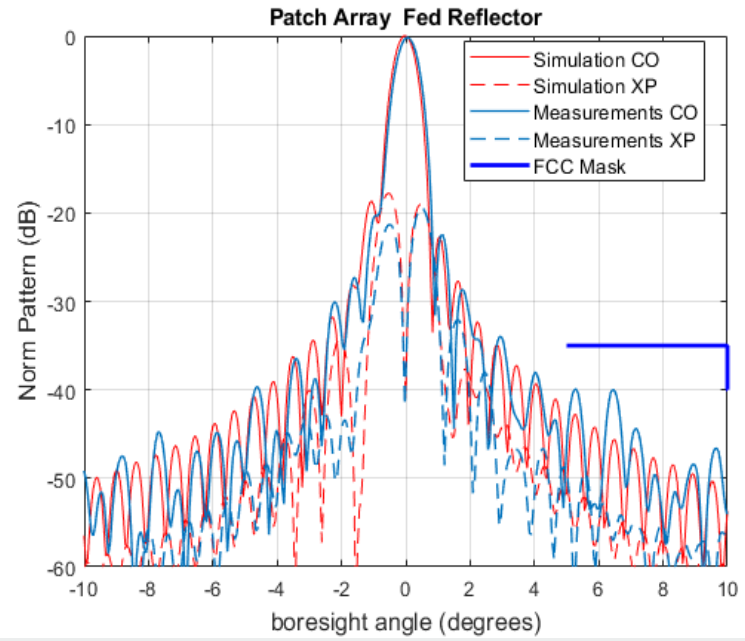
## High Gain Reflector Antenna



- Problem with misalignment
- ü Cheap



- ü **Auto-Alignment**
- ü **Large Distance**
- ü **Low Cost**

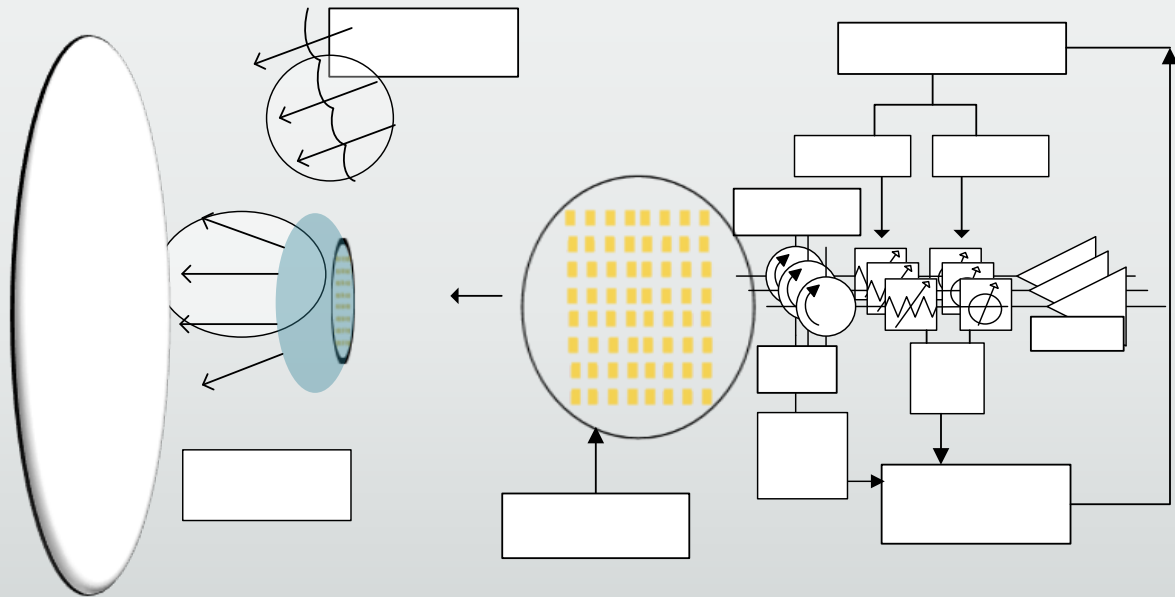


We made a physical demonstrator and confirmed

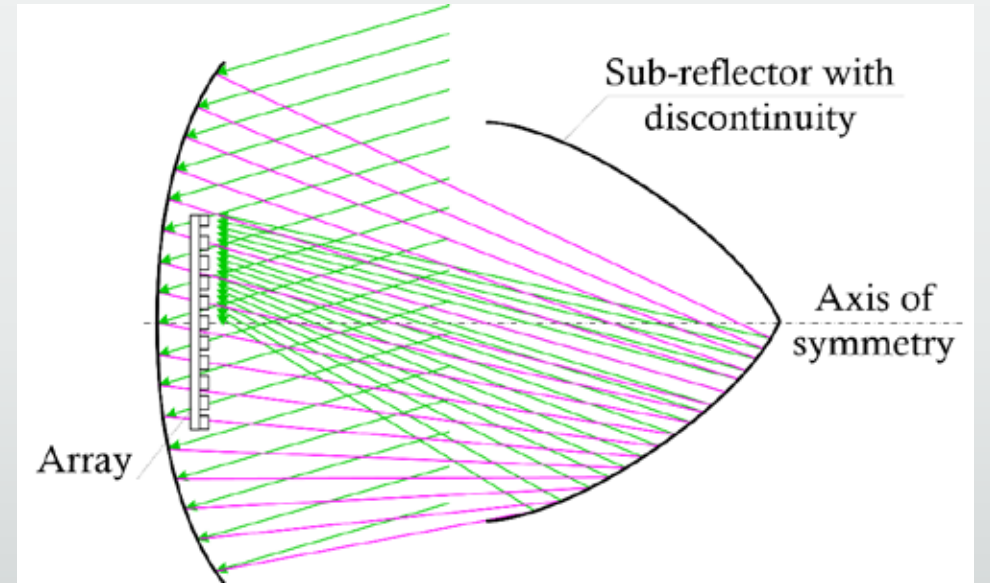
- § High gain
- § Antenna alignment
- § Defocusing and reflector shaping



§

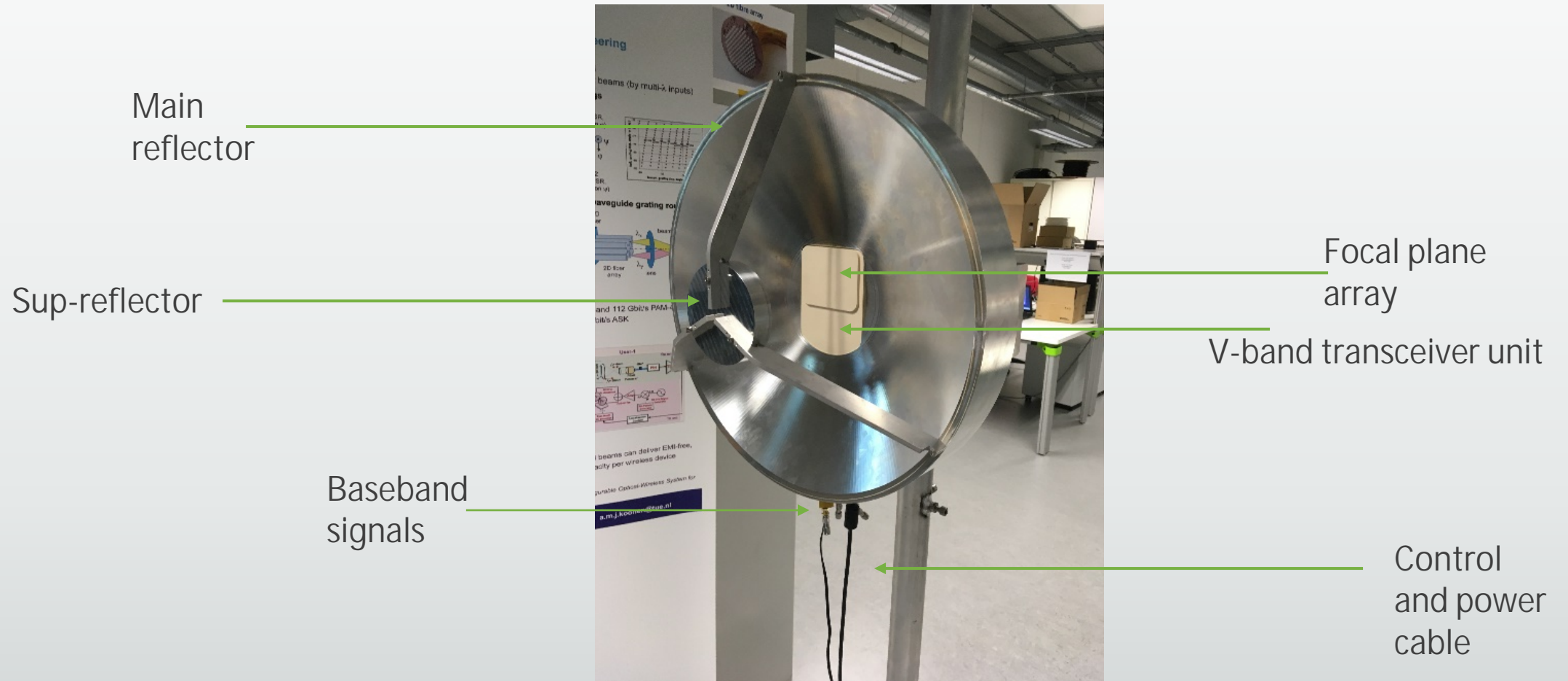


§

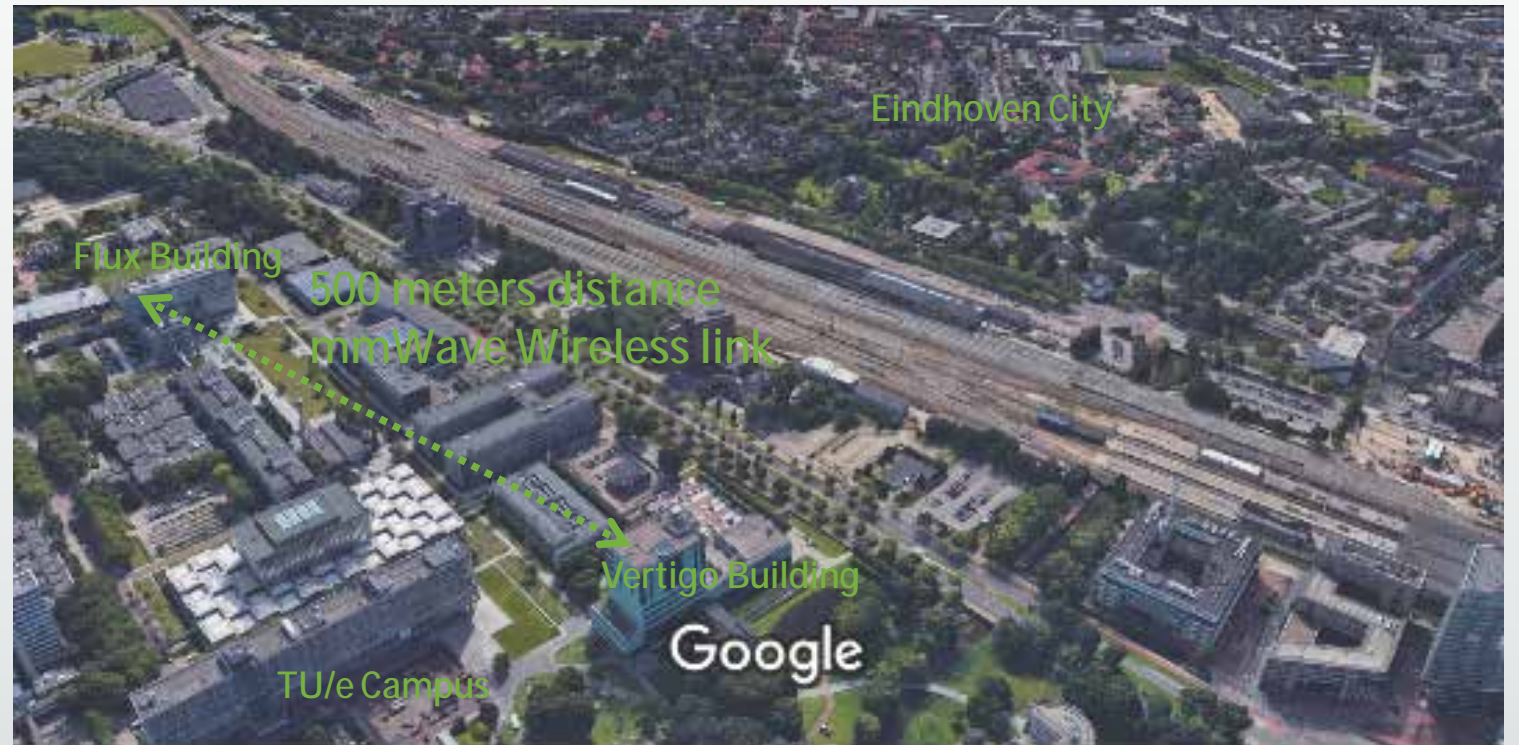


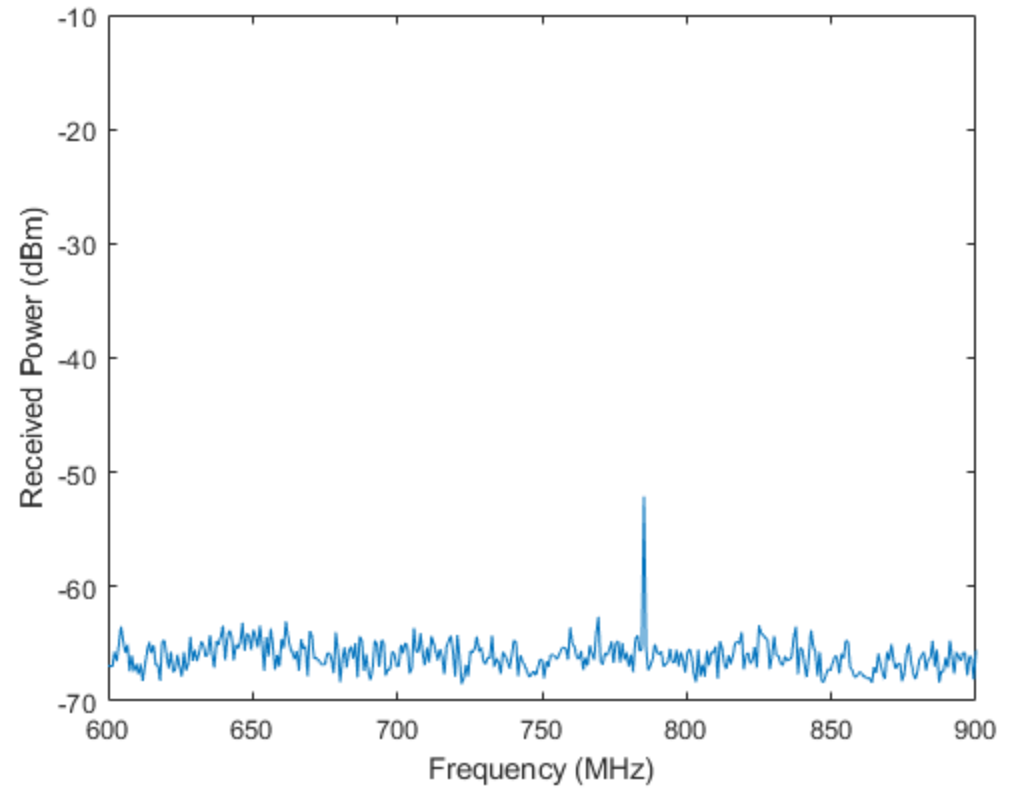
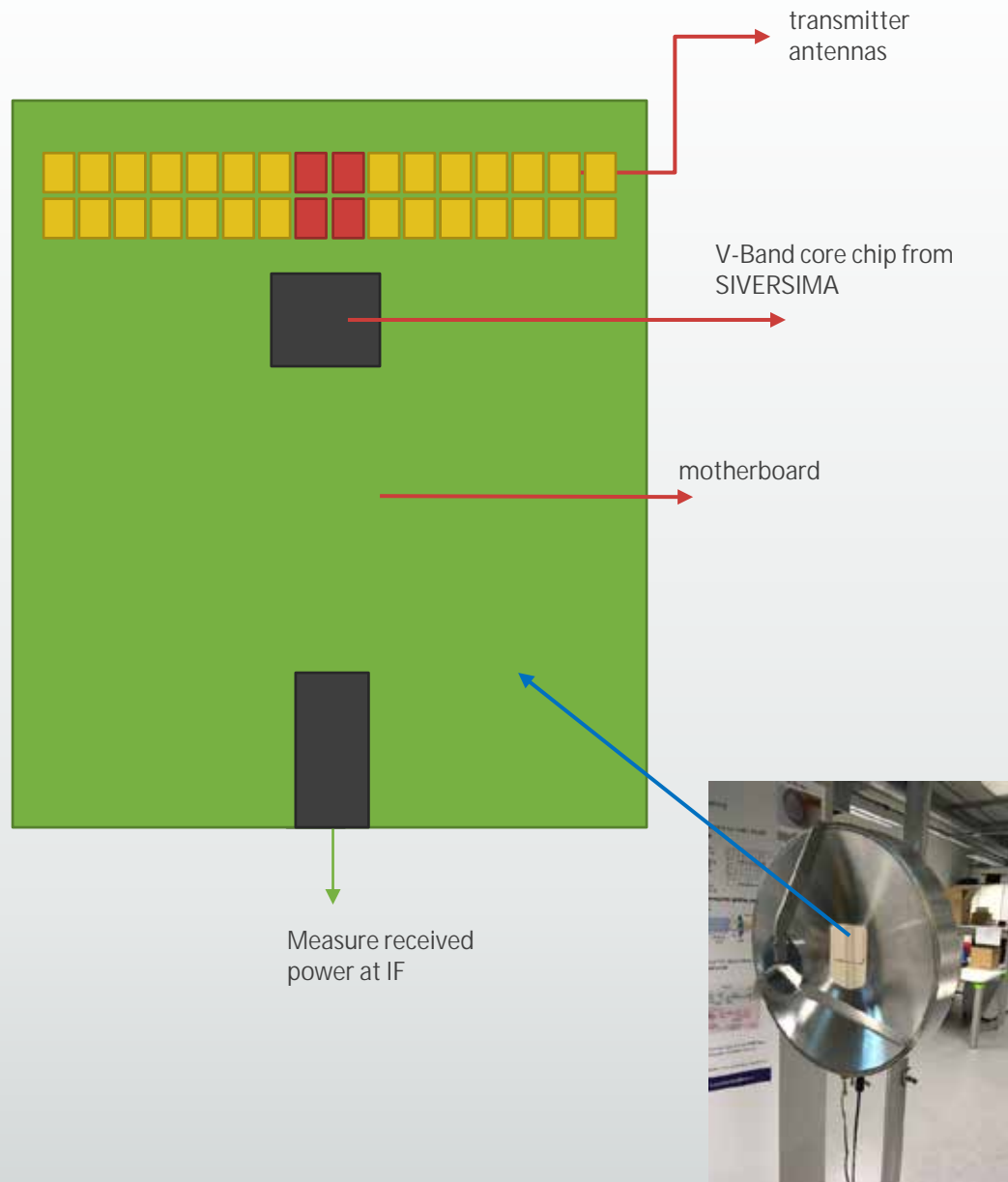


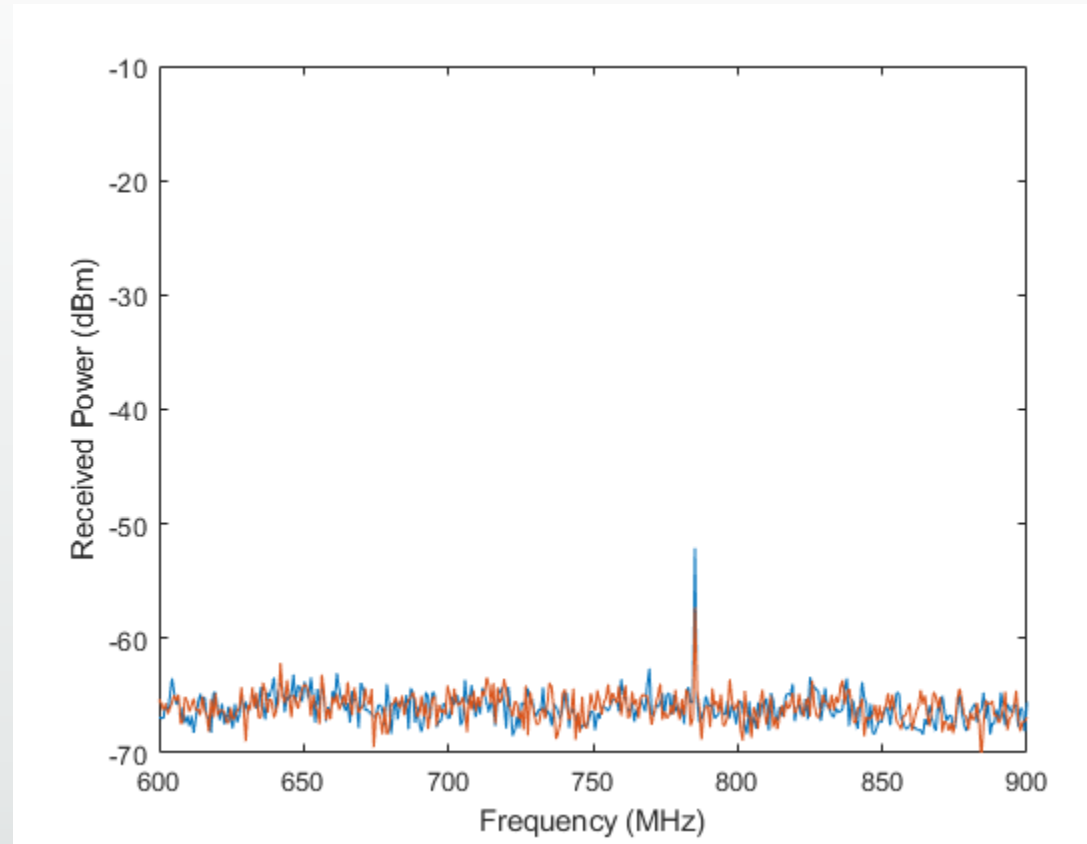
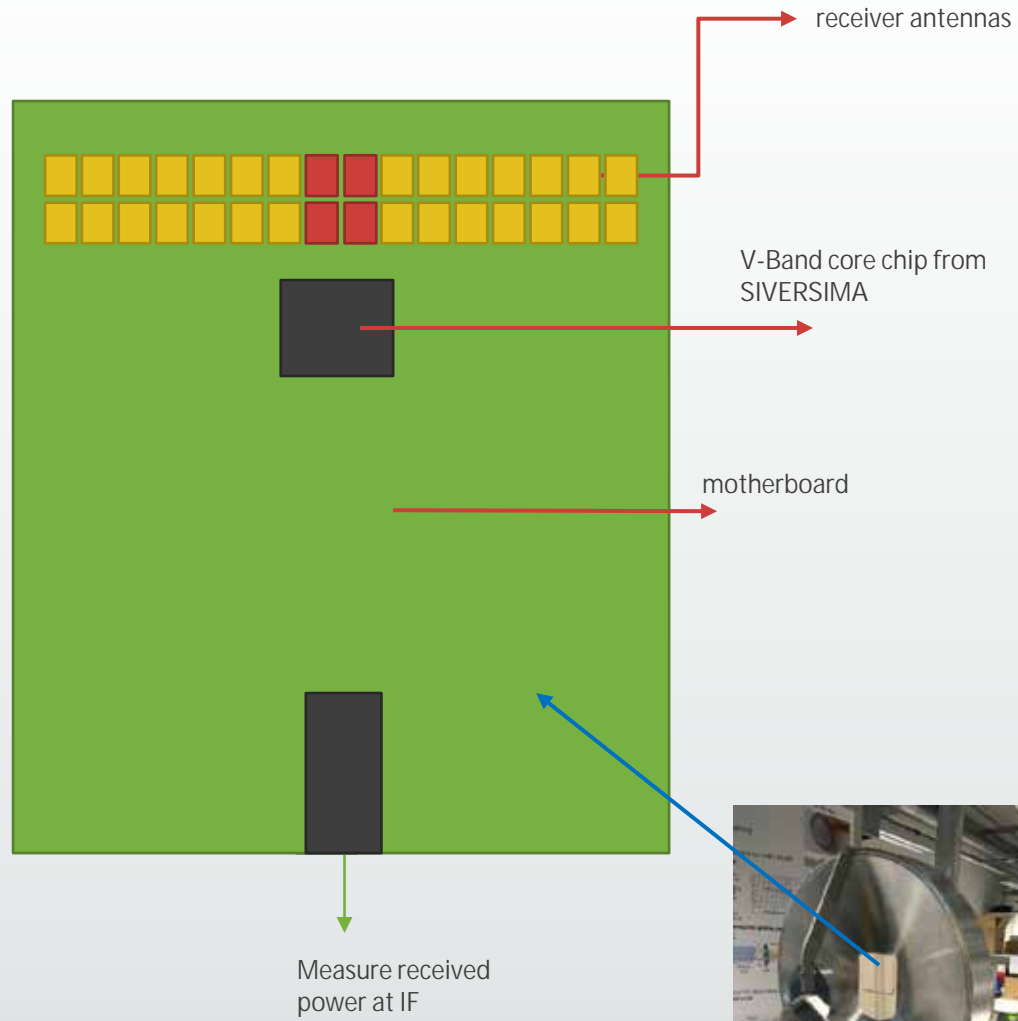
# Product Development

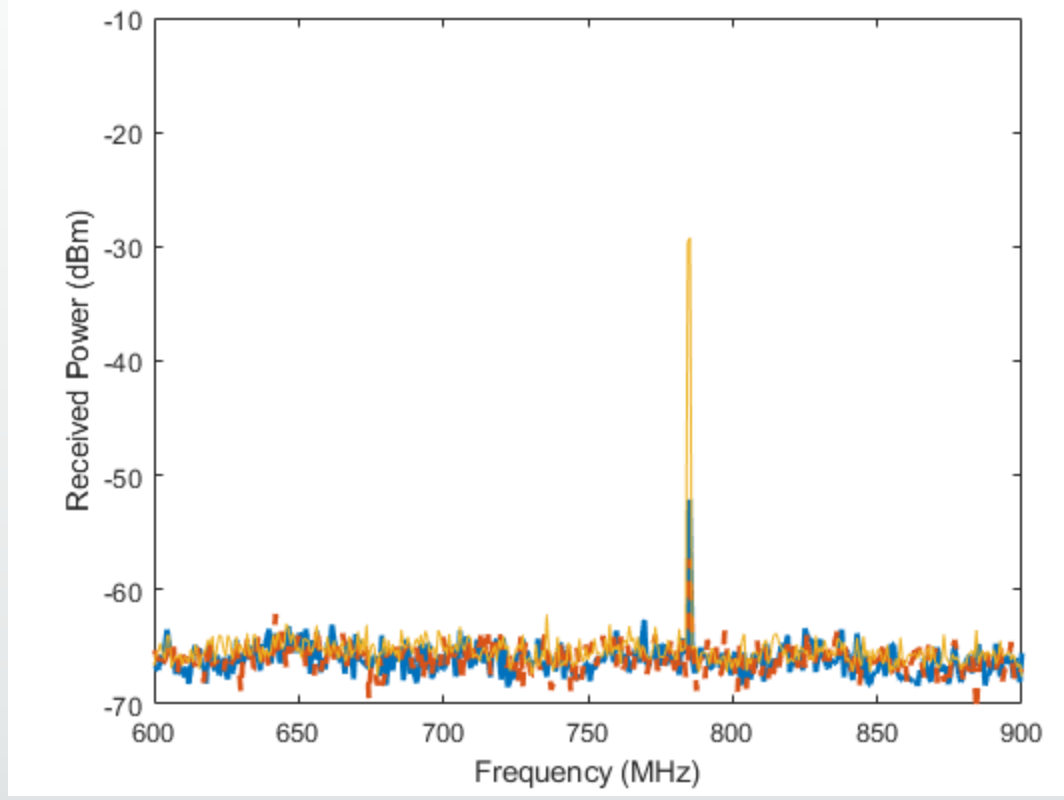
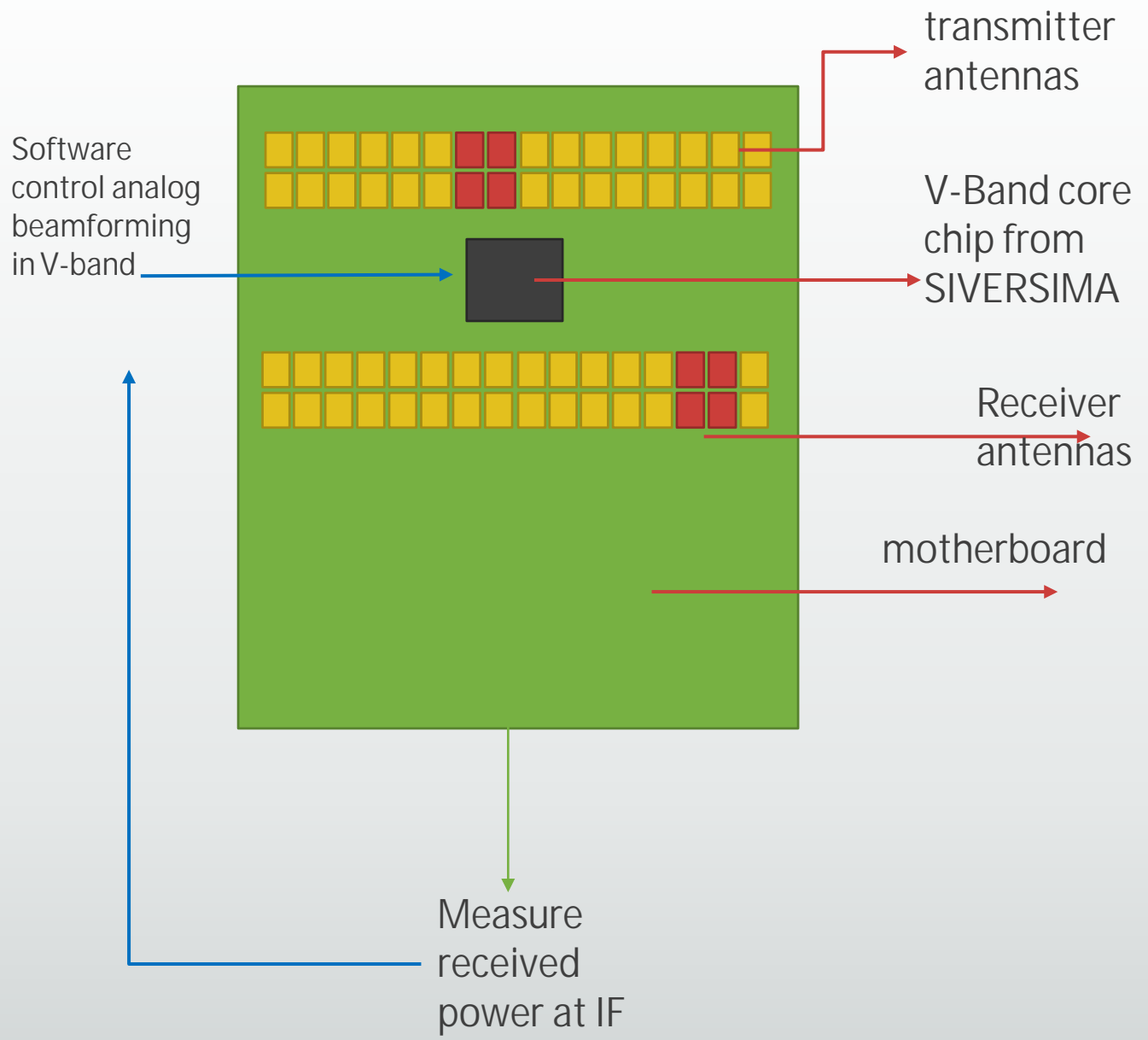


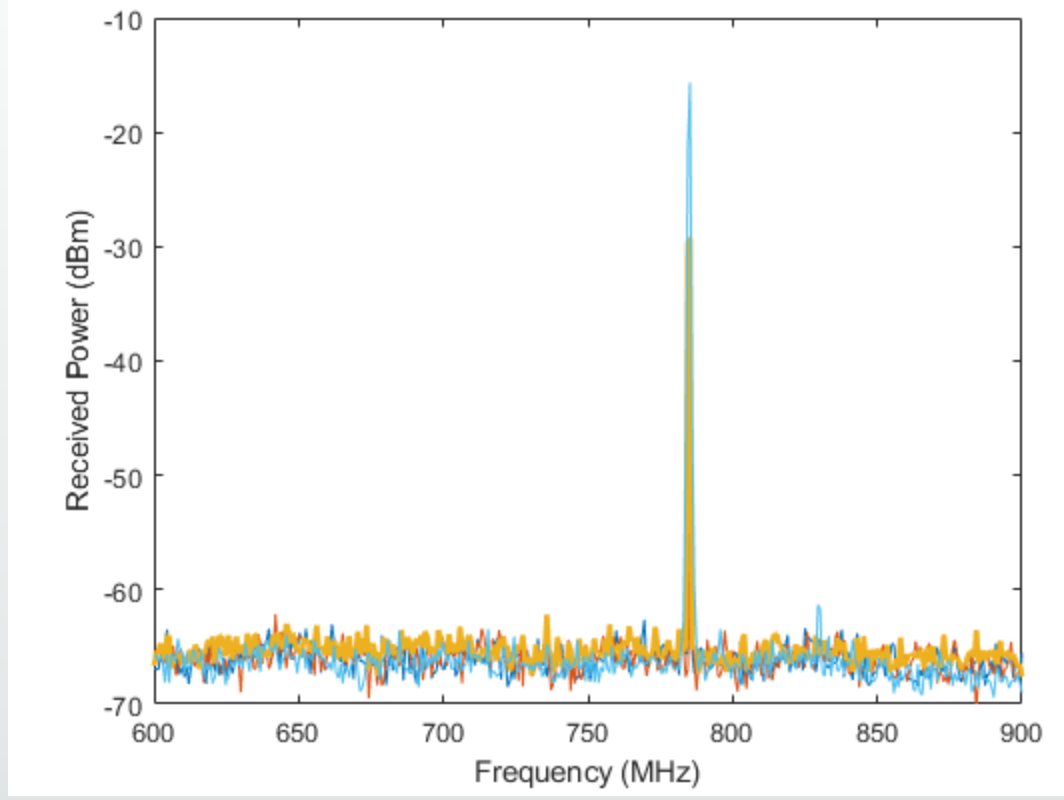
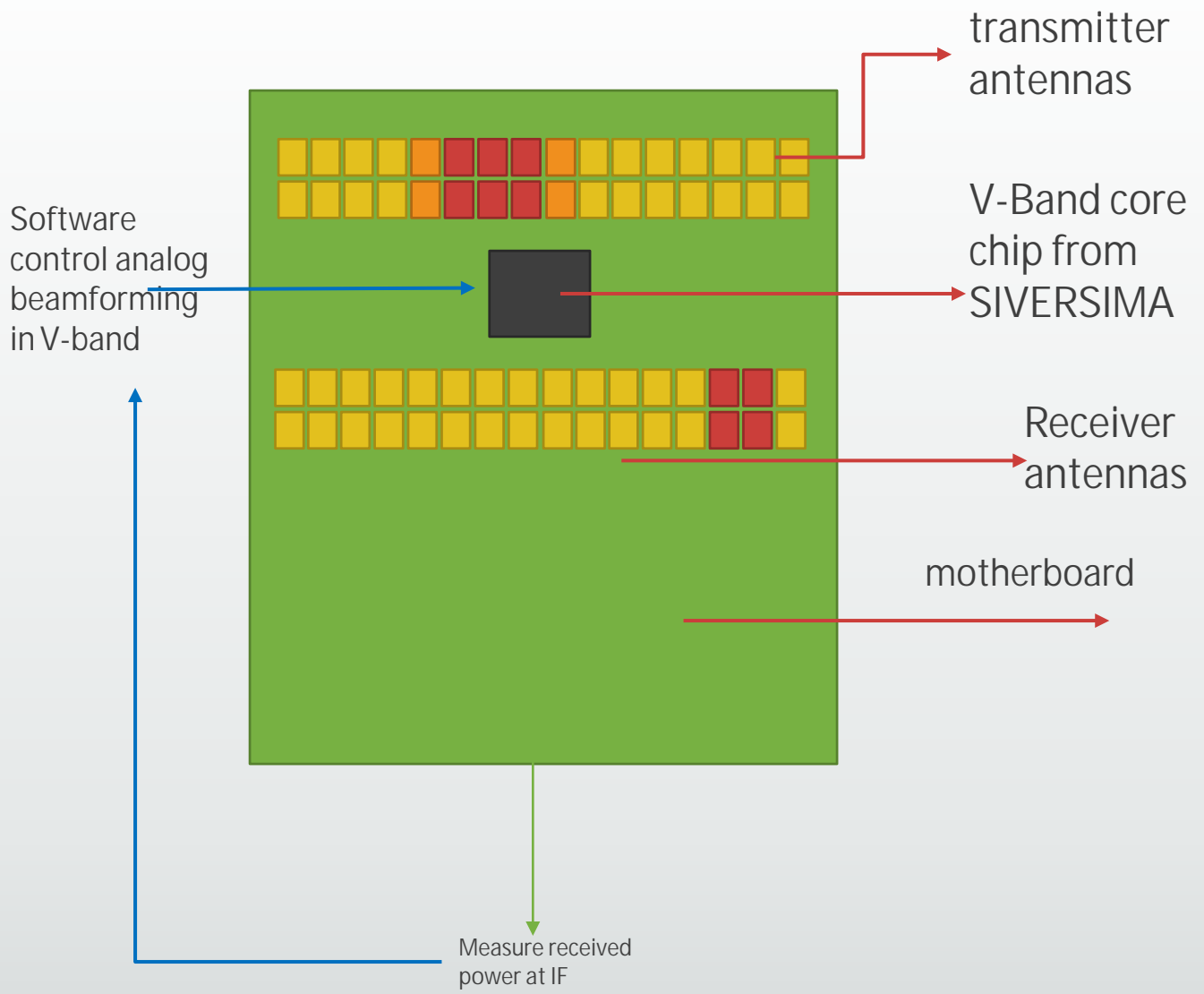
# MaxWaves demonstrates mmWave Backhaul link



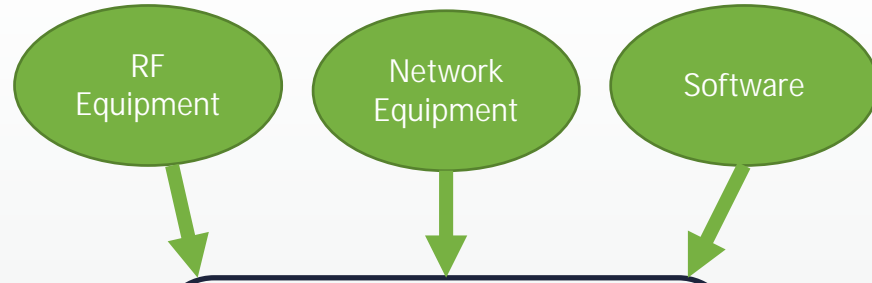
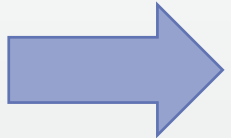
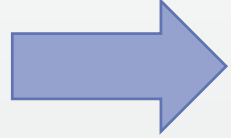


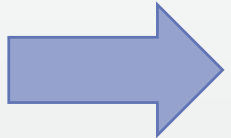
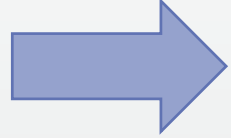












RF Equipment

Network Equipment

Software







# MaxWaves

Future of point-to-point wireless communication