

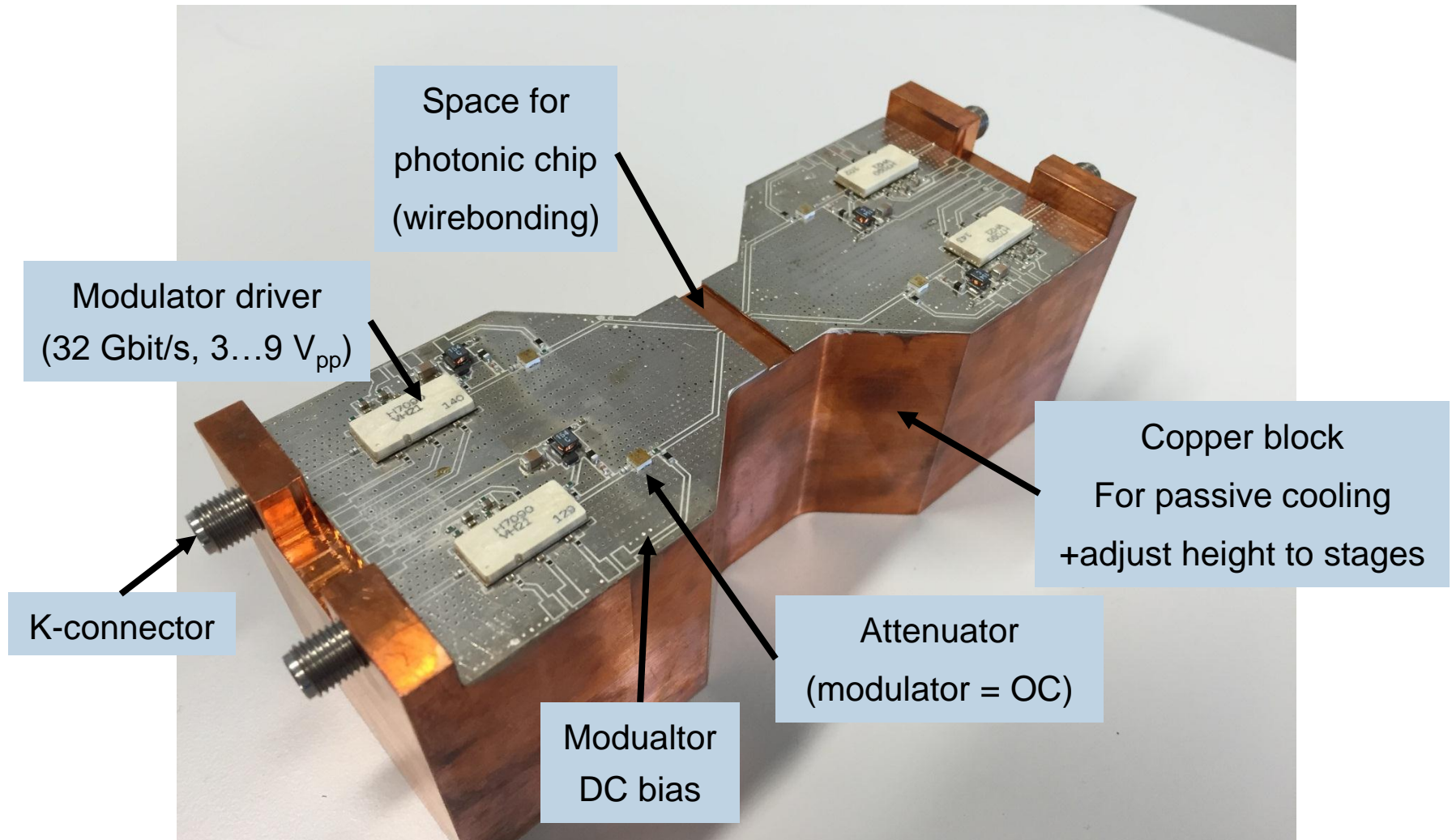
NAVOLCHI WP6

Integration, Characterization & Testing

Claudia Hoessbacher, Juerg Leuthold



Transmitter – Electronics - Housing



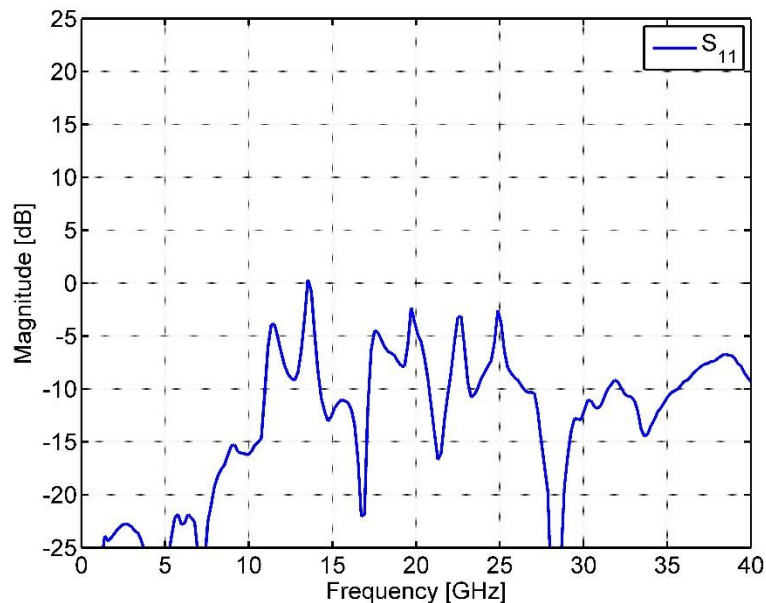
Transmitter – Electronics - Characterization

Here: Amp2

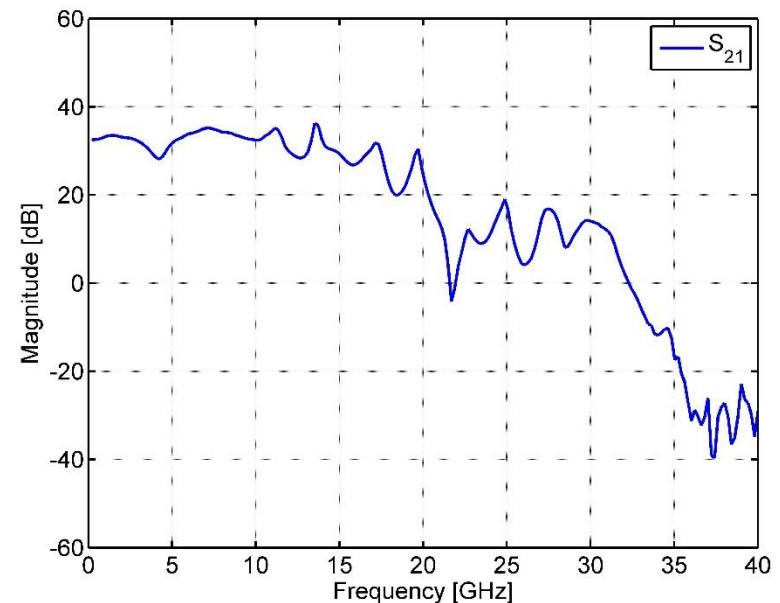
- Reflection: Minor problems at 13.5 GHz
- Gain: 30 dB, disturbing dip at 21.7 GHz

Remaining three amplifiers to be characterized

Input reflection



Gain



Receiver - PDs

- IMEC PDs arrived at ETZ, diced to minimize length of wire bonds
- Receiver electronics ordered