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# Millimeter-Wave

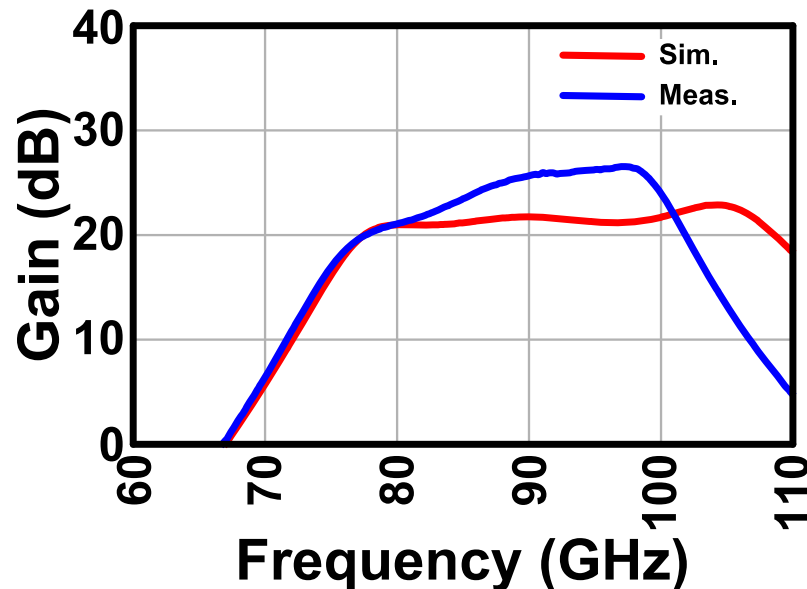
## CMOS Transceiver Toward 1-Tb/s

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**Aim: Wireless for 1-Tb/s**

### Key Requirements

- Increased spectral usage efficiency
- **Wideband** transceivers



← Wideband amplifier gain

☹ Gain flatness

Precise design starts with:

**Device modeling**