

## OEO-10

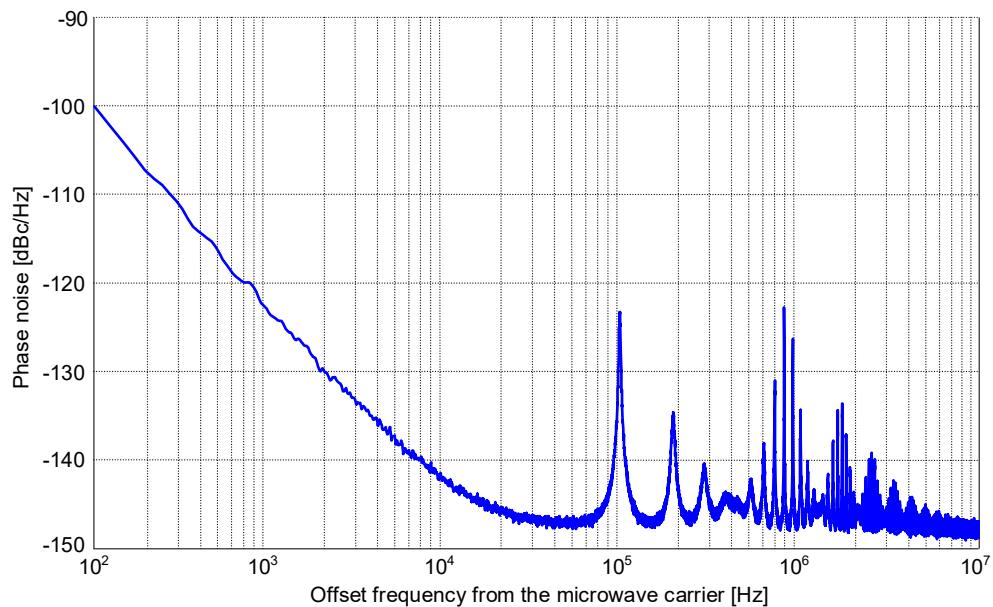
### Optoelectronic oscillator with ultralow phase noise



### Main parameters:

- oscillation frequency: fixed in the range of 6–10 GHz
- phase noise at the 10 kHz offset frequency:  $< -140$  dBc/Hz
- microwave signal power:  $> 1$  mW
- spurs level  $< -90$  dB
- supply voltage:  $\pm 8$  V
- maximal current consumption: 2 A

### Phase noise



### Oscillation spectrum

