

Glossary of Acronyms

AOM - Acoustic optical modulator

CBC - Coherent beam combining

CCO - Current controlled oscillator

DFB - Distributed feedback

DSHI - Delayed self-heterodyne interferometer

FFT - Fast Fourier transfer

FM - Frequency modulation

FSR - Free spectral range

FWHM - Full-width-at-half-maximum

LIDAR - Light detection and ranging

LO - Local oscillator

LP - Low pass

MOPA - Master oscillator power amplifier

OpAmp - Operational amplifier

OPLL - Optical Phase Lock Loop

OSA - Optical spectrum analyzer

PD - Photo-detector or phase-detector

PLL - Phase lock loop

PM - phase modulator

PSD - Power spectral density

RF - Radio frequency

RIN - Relative intensity noise

SBC - Spectral beam combining

SCL - Semiconductor laser

TEC - Thermoelectric cooler

VCO - Voltage controlled oscillator