

## Laboratory equipment

Keysight M3102A Digitizer and FPGA

NI SC2569 Switch Module

Keysight Oscilloscope

ANRITSU Vector Network Analyzer

Agilent E3631A triple-input DC PS

Teledyne Lecroy Waverunner 8404M

Keysight Oscilloscope 8GHz 40GS/s

Tektronix CSA8200, 80E03 Sampling Module

SRS FS725 Rubidium Frequency Standard

TI LMH5401 8GHz fully-differential amplifier

TI THS3217 DC-800MHz differential-to-single-ended DAC output amplifier

Acopian A12H1700M PS

Spectrum Analyzer