

## Characterization of spectral compression of OFDM symbols using optical time lenses - DTU Orbit (08/11/2017)

### Characterization of spectral compression of OFDM symbols using optical time lenses

We present a detailed investigation of a double-time-lens subsystem for spectral compression of OFDM symbols. We derive optimized parameter settings by simulations and experimental characterization. The required chirp for OFDM spectral compression is very large.

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