Optically Generated Single Side-Band Radio-over-Fiber Transmission of 60Gbit/s over 50m at W-Band - DTU Orbit (02/11/2019)

60 Gbit/s single side-band multi-band CAP radio-over-fiber transmission at W-band is demonstrated. A spectral efficiency of 3.8 bit/s/Hz and bit error rates below 3.8×10⁻³ are achieved after 50 m wireless transmission.

General information
Publication status: Published
Organisations: Department of Photonics Engineering, Metro-Access and Short Range Systems, Networks Technology and Service Platforms
Contributors: Puerta Ramírez, R., Rommel, S., Vegas Olmos, J. J., Tafur Monroy, I.
Number of pages: 3
Publication date: 2017

Host publication information
Title of host publication: Optical Fiber Communication Conference 2017
Publisher: Optical Society of America
ISBN (Print): 978-1-943580-23-1
DOIs: 10.1364/OFC.2017.M3E.4

Bibliographical note
From the session: Radio-over-fiber Systems (M3E)
Source: PublicationPreSubmission
Source ID: 130390982
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2017 › Research › peer-review