503. Title:Photonic-Chip-Based Ultrafast Waveform Analysis and Optical Performance Monitoring

Authors:Vo, Trung D. (0); Schroder, Jochen (0); Corcoran, Bill (0); Van Erps, Jurgen (0); Madden, Stephen J. (0); Choi, Duk-Yong (0); Bulla, Douglas A. P. (0); Luther-Davies, Barry (0); Pelusi, Mark D. (0); Eggleton, Benjamin J. (0)

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Abstract:We review waveform analysis and optical performance monitoring of ultrabroadband signals using a photonic-chip-based radio-frequency spectrum analyzer. This approach offers the potential for fast integrated monitoring and characterization of signals with bandwidths beyond 1 THz.

Main heading: Waveform analysis