

2016-10:

Next Generation Digital Wideband Receivers

This call is for novel technologies that can support the development of next generation digital wideband receivers that are able to fulfil the future demands on bandwidth, dynamic range, sensitivity, multi-functionality, robustness, weight and form factor for electronic systems and radar applications. In particular, we are interested in high speed/resolution data converter intellectual property (IP) cores, wideband track/hold amplifier, simultaneous transmit/receive, ultra-low phase noise oscillator, ultra-stable clock as well as advanced microwave photonic architectures and optoelectronic devices.