

## **European Schottky-Diode Based Receiver Technology**

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### **Abstract**

This contribution summarizes recent achievements of European MM- and SubMM-Wave receiver technology using Schottky diodes and THz-MICs fabricated by so-called Film-Diode (FD) process. The FD-process has particularly been developed for applications at MM-Waves and THz frequencies and targets at ultimate performance at high frequencies. This technology is extensively employed for modern space missions but also finds terrestrial applications.