**Technical specifications:**
- Rise time 100 ps
- Sensitivity 15 μV RMS or 7.5 μV RMS
- Sampling frequency 1MHz
- Vertical resolution 8 bit
- Sweep speed 0.2 s (standard mode)
- Timebases 100 ps/div - 1 ns/div

**Low noise mode:**
- Output signal, RMS=7.5 μV
- Measurement time: 5 s
- Input: 200 μV

**Standard mode:**
- Output signal, RMS=15 μV
- Measurement time: 0.2 s
- Input: 200 μV

**Applications:**
- UWB radar
- Sampling scope
- Time domain reflectometer

**Possible UWB radar specifications:**
- Frequency range 0.8 – 2.4 GHz
- Dynamic range ±25 mV
- Sensitivity 15 μV (RMS)
- Sampling frequency 1 MHz
- Number of points for time window 1024
- Sweep speed <0.1 s