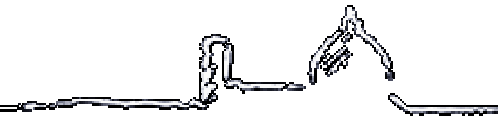




# Radar interferometrico

**Massimiliano Pieraccini**



Band: 16.6 – 17GHz (400 MHz)

Power: 100mW

Number of frequencies : 5120

Frequency step: 80 kHz

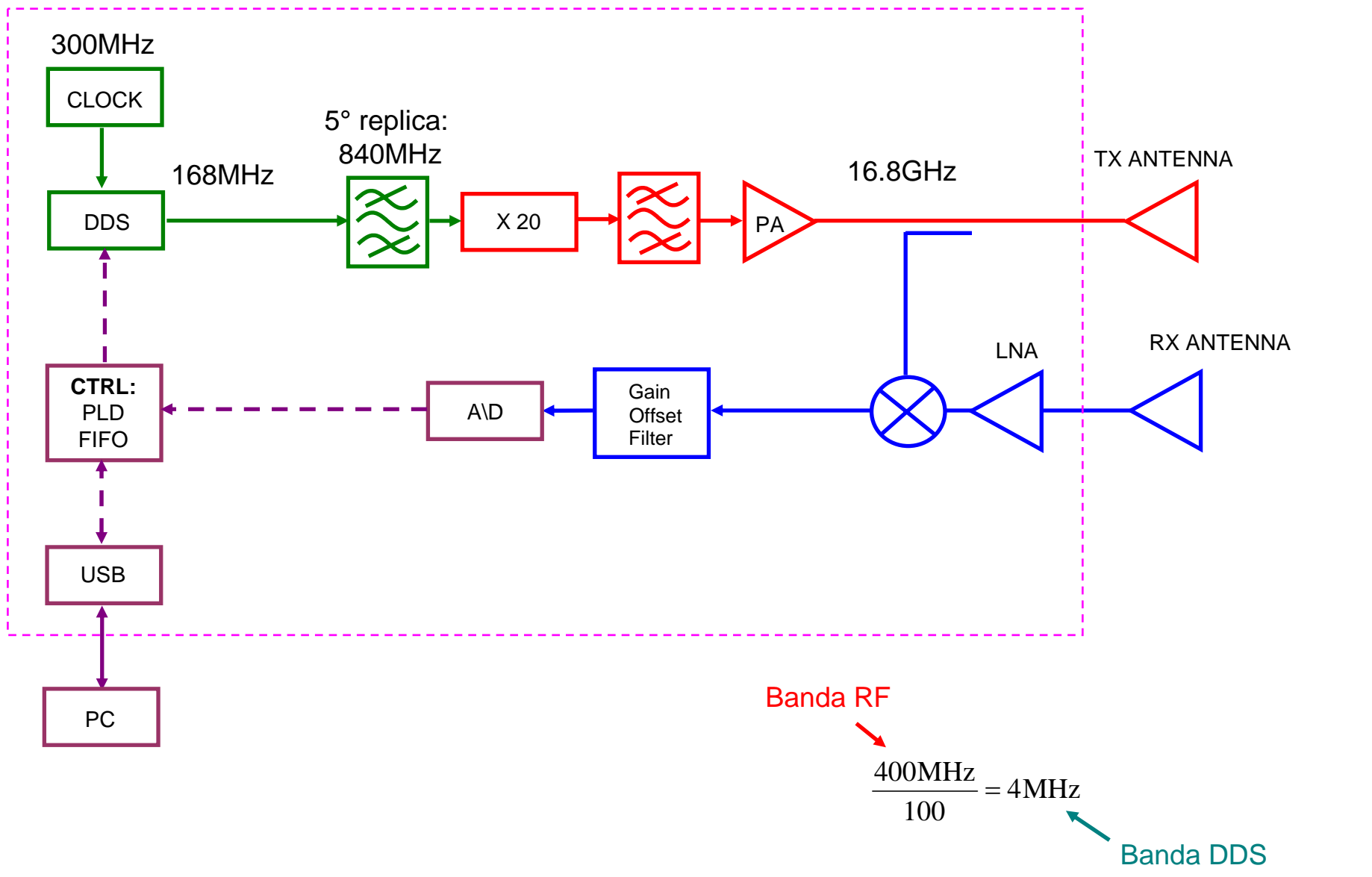
Measurement Time: **50 msec**



Range resolution: 37,5 cm

Unambiguous Range : 937 m

# Schema a blocchi



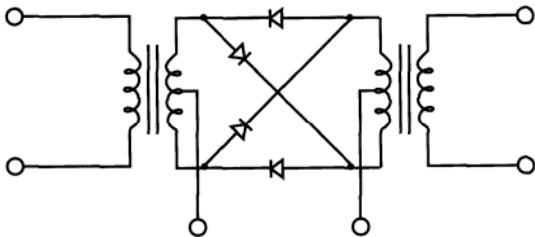
# Componenti a microonde connettorizzati



PA

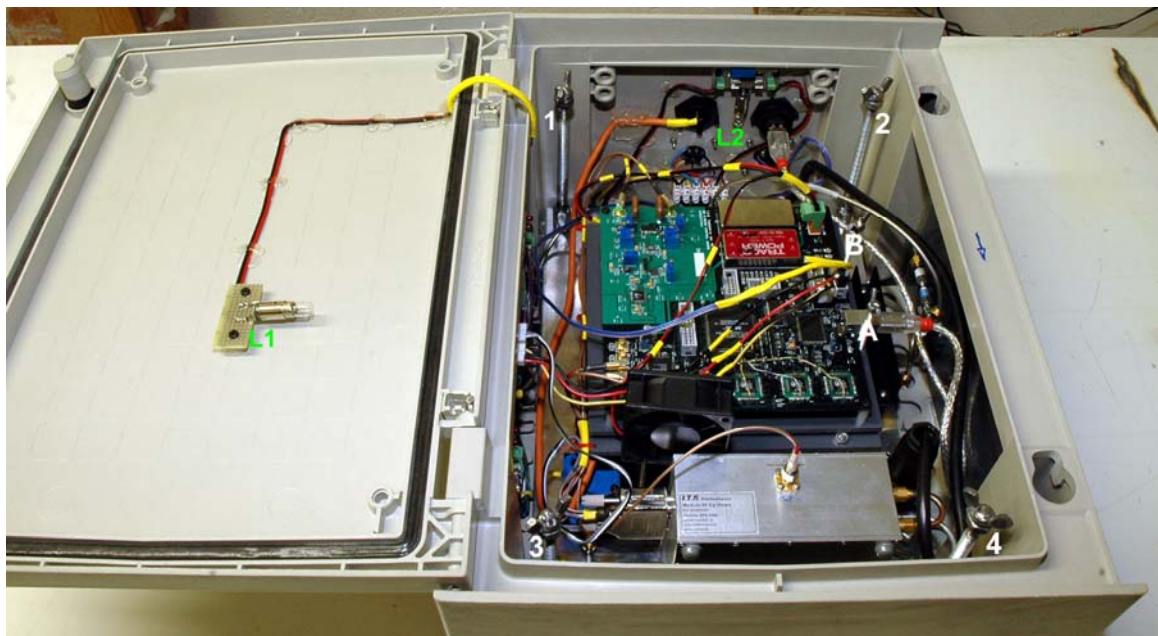
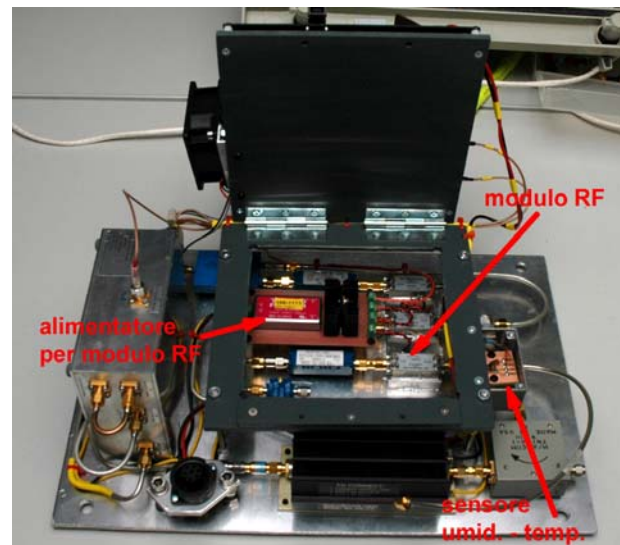
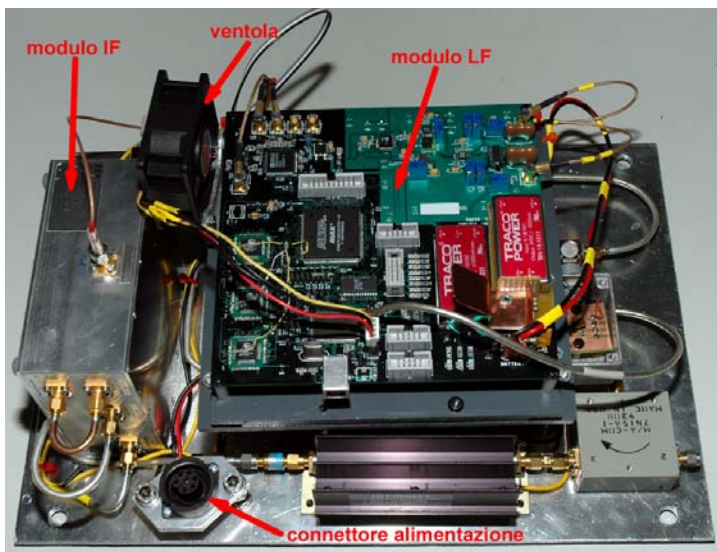


Mixer



Antenna Horn

# Realizzazione

















# Risultati preliminari

