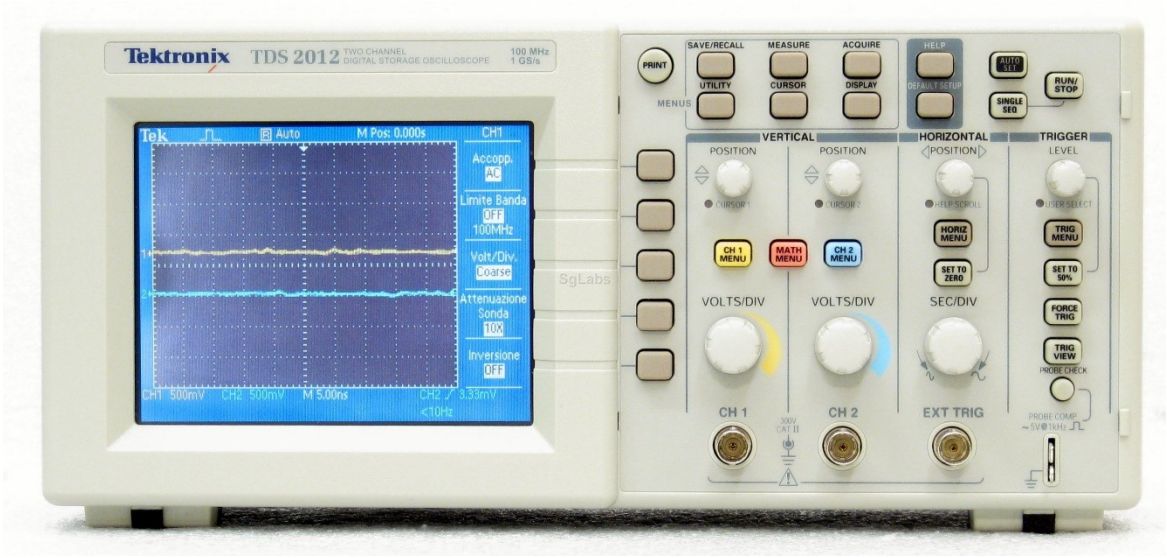
Esercitazione:

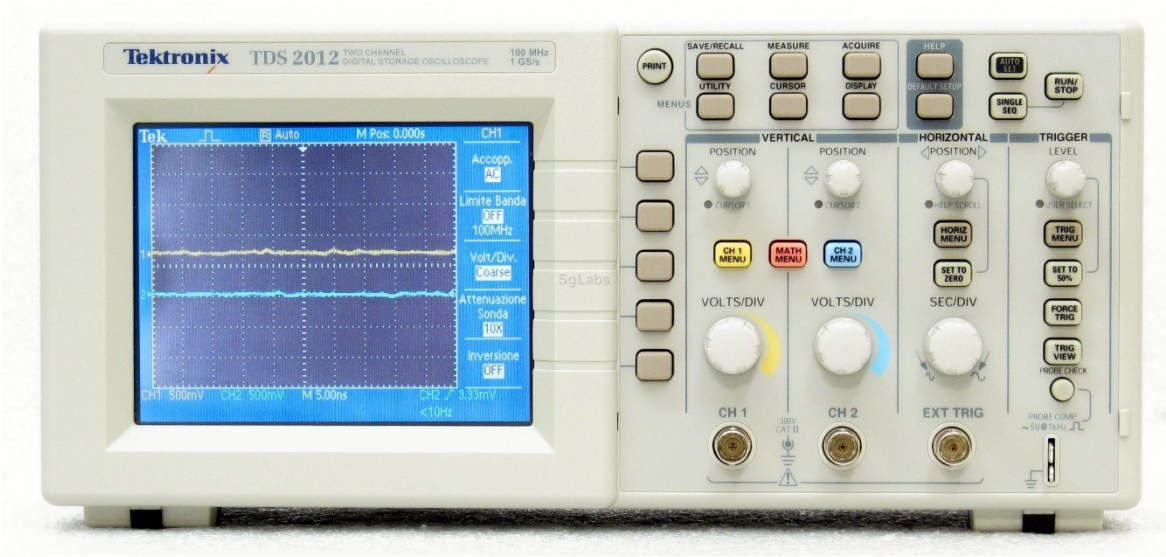
Oscilloscopio Digitale

€ 2.391,20

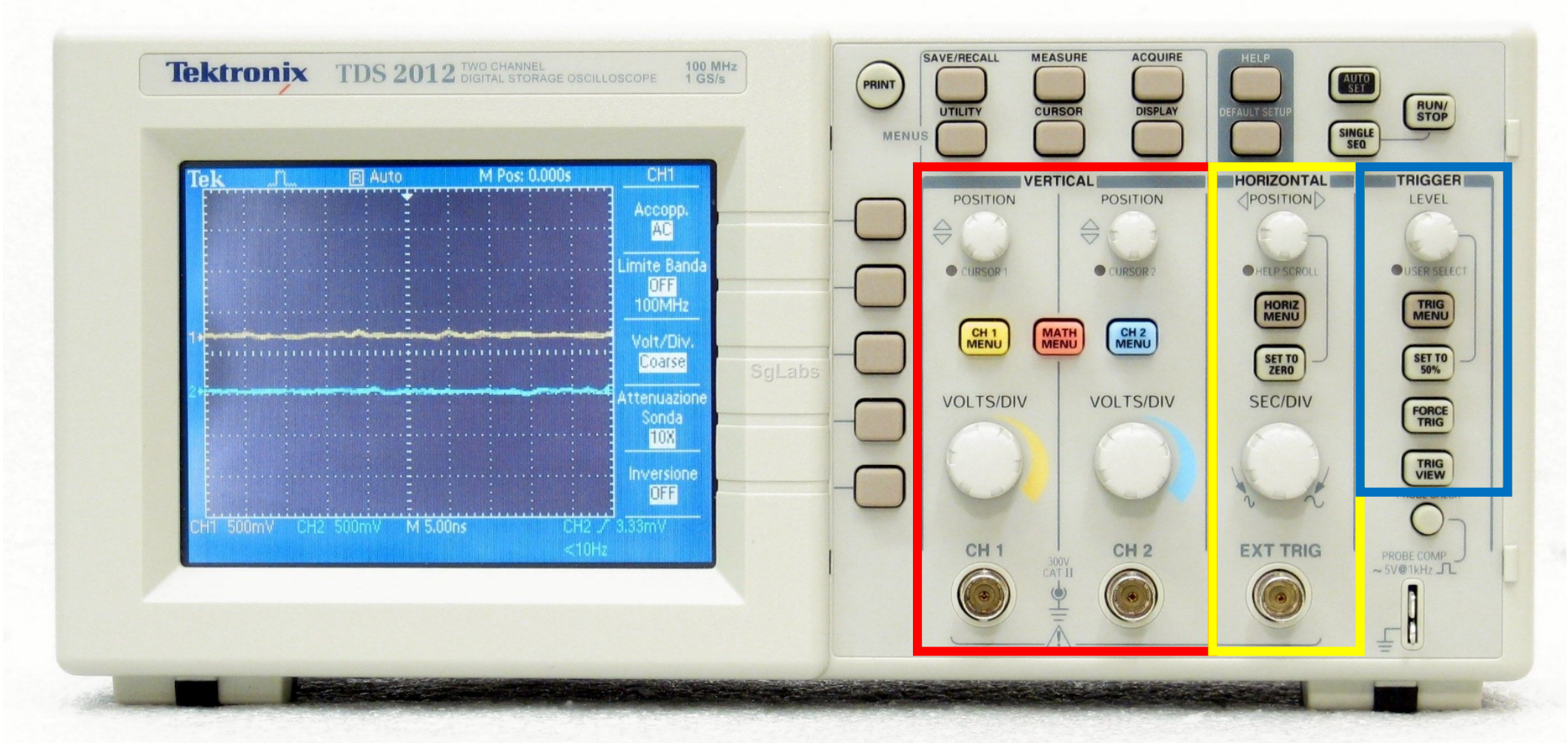


Caratteristiche principali

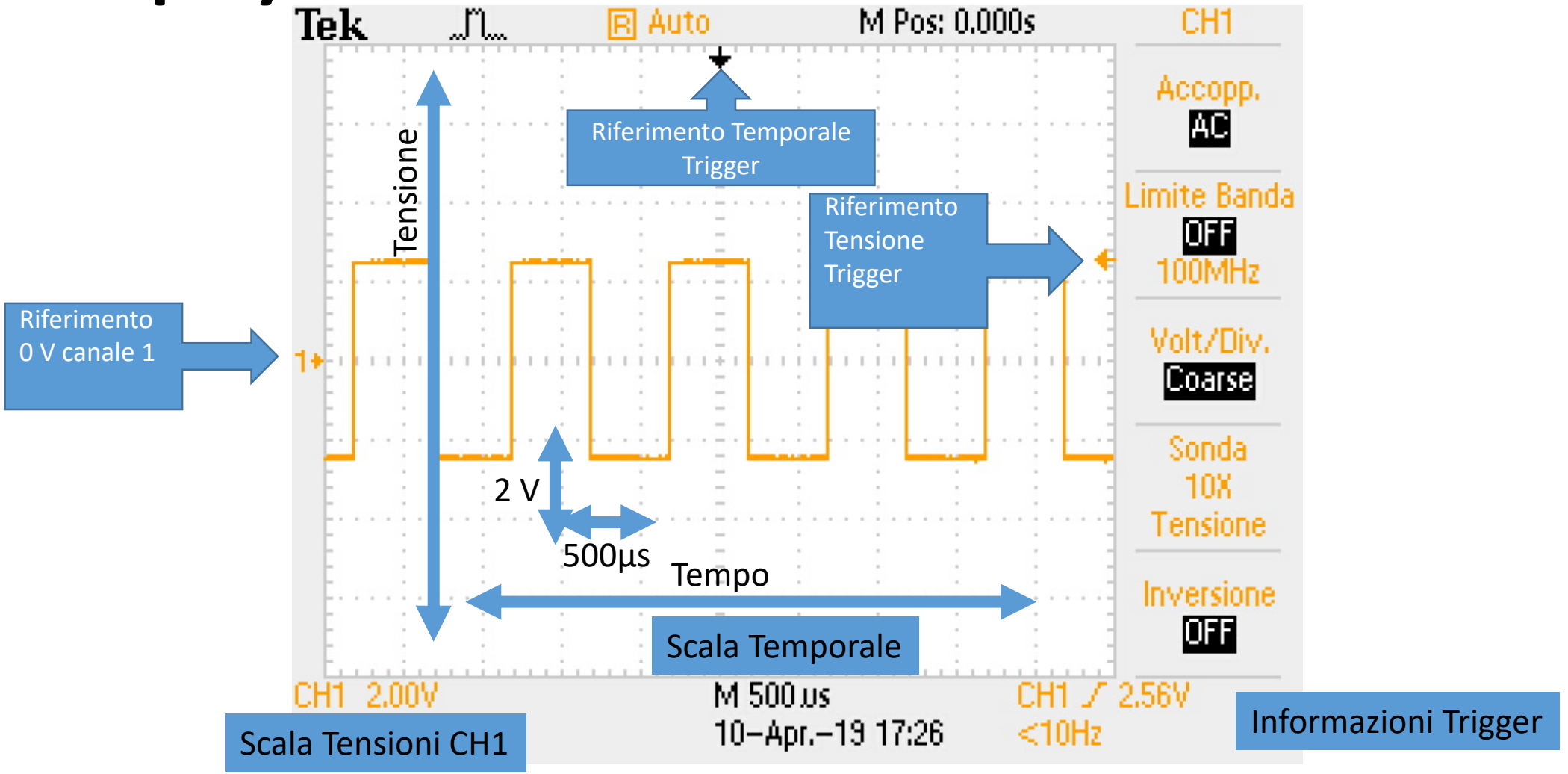
- Banda passante 100 MHz
- 2 canali
- Trigger esterno
- Sample rate 1 GS/s
- 2500 punti
- Risoluzione 8 bits



Caratteristiche principali



Display

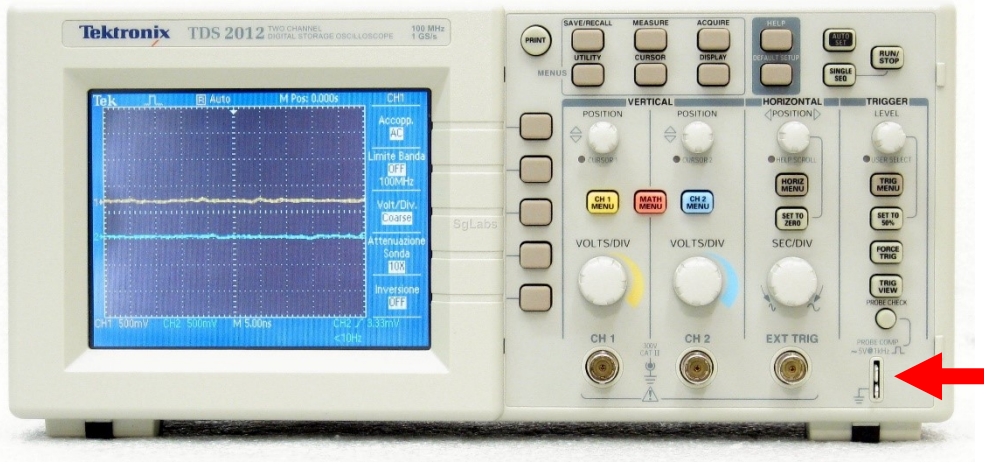

Tek
Auto
M Pos: 0.000s
CH1
Accopp.
AC
Limite Banda
OFF
100MHz
Volt/Div.
Coarse
Sonda
10X
Tensione
Inversione
OFF
Riferimento Temporale Trigger
Riferimento Tensione Trigger
Tensione
Riferimento 0 V canale 1
2 V
500µs
Tempo
Scala Temporale
CH1 2.00V
M 500µs
10-Apr-19 17:26
CH1 ∕ 2.56V
<10Hz
Scala Tensioni CH1
Informazioni Trigger

Esercitazione

- Compensazione delle sonde
- Misure
- Rilievo di fenomeni transitori

Compensazione delle sonde

Università di Cagliari



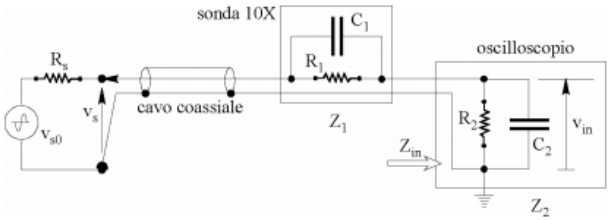


Fig.4.4 - *Schema per la sonda compensata.*

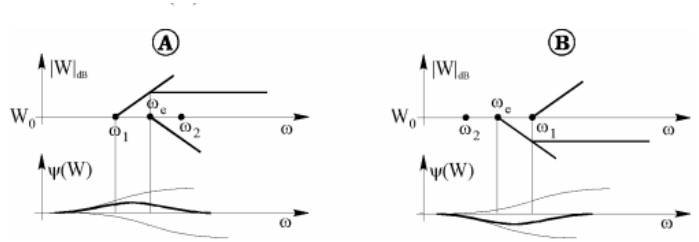
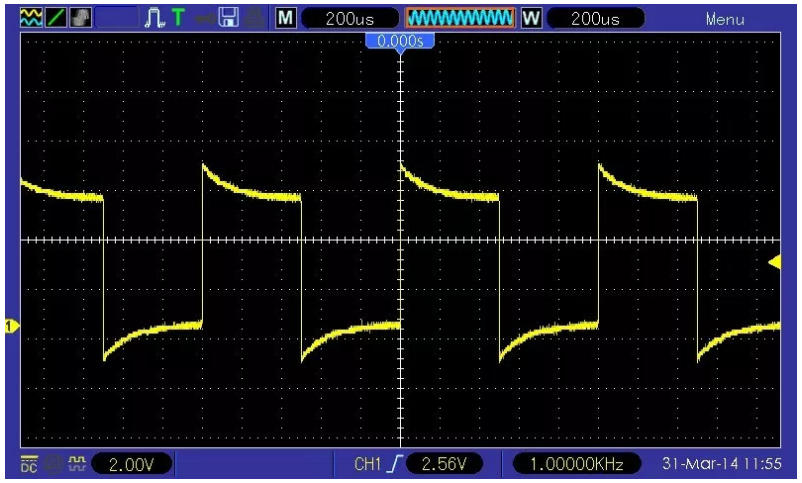
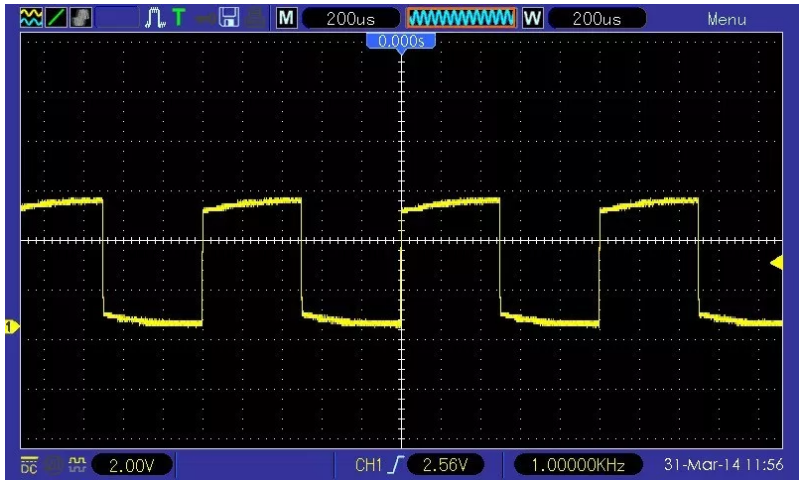
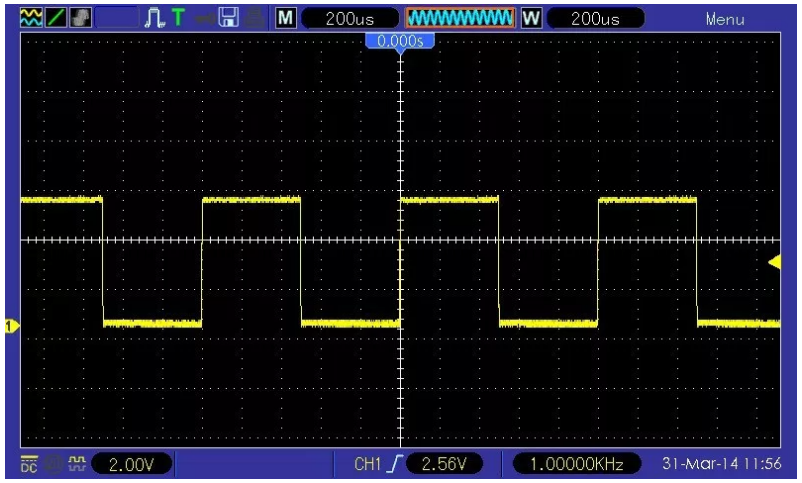


Fig.4.5 - *Diagrammi di Bode per la funzione di trasferimento della sonda*

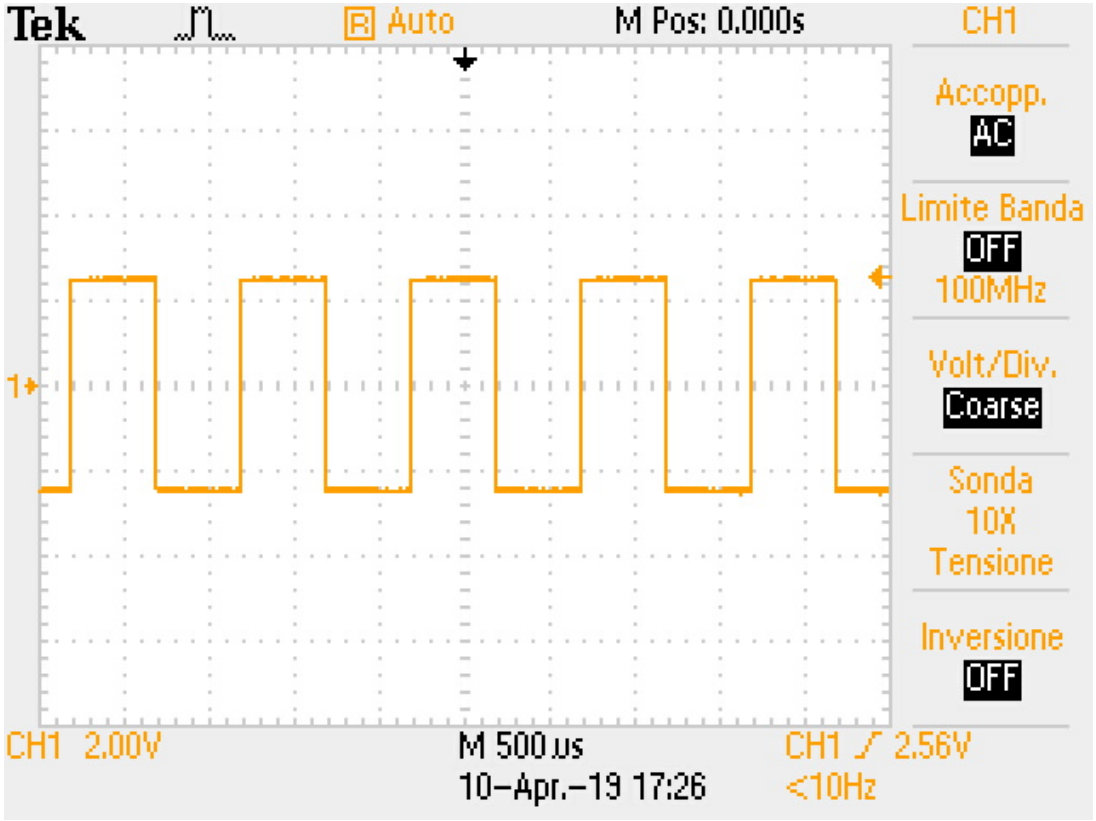




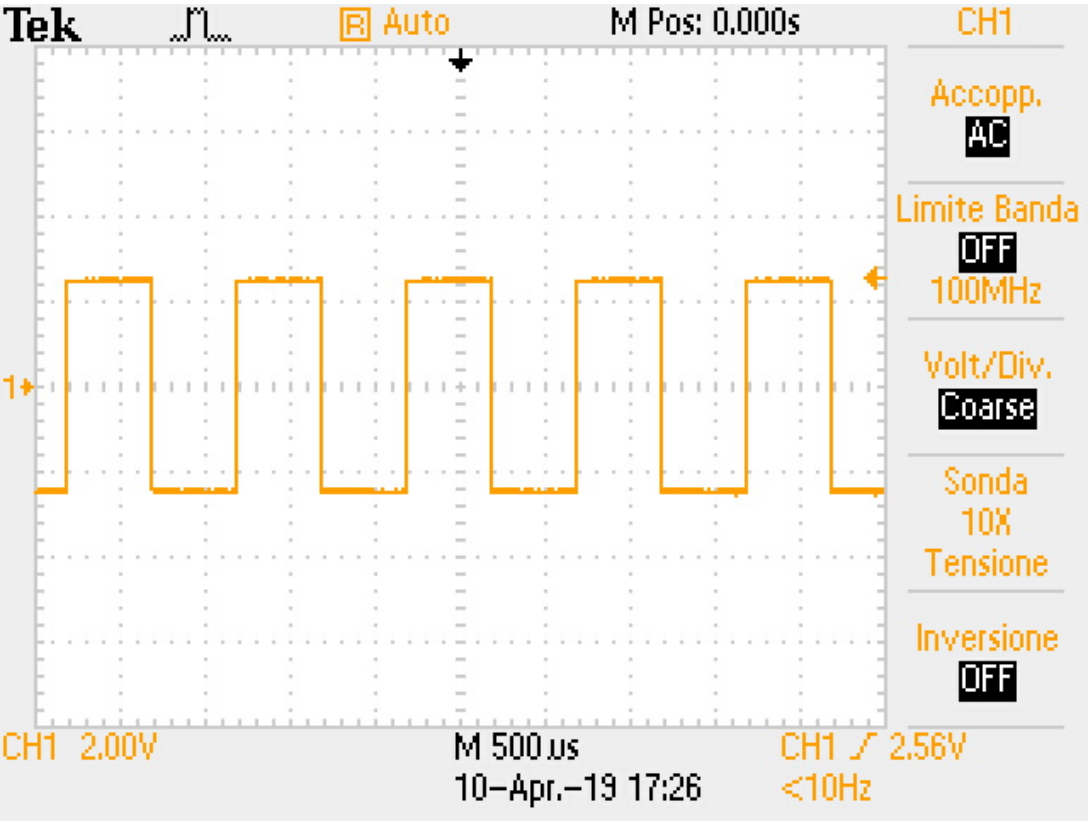


Esercitazione

- Compensazione delle sonde
- Misure
- Rilevamento di fenomeni transitori



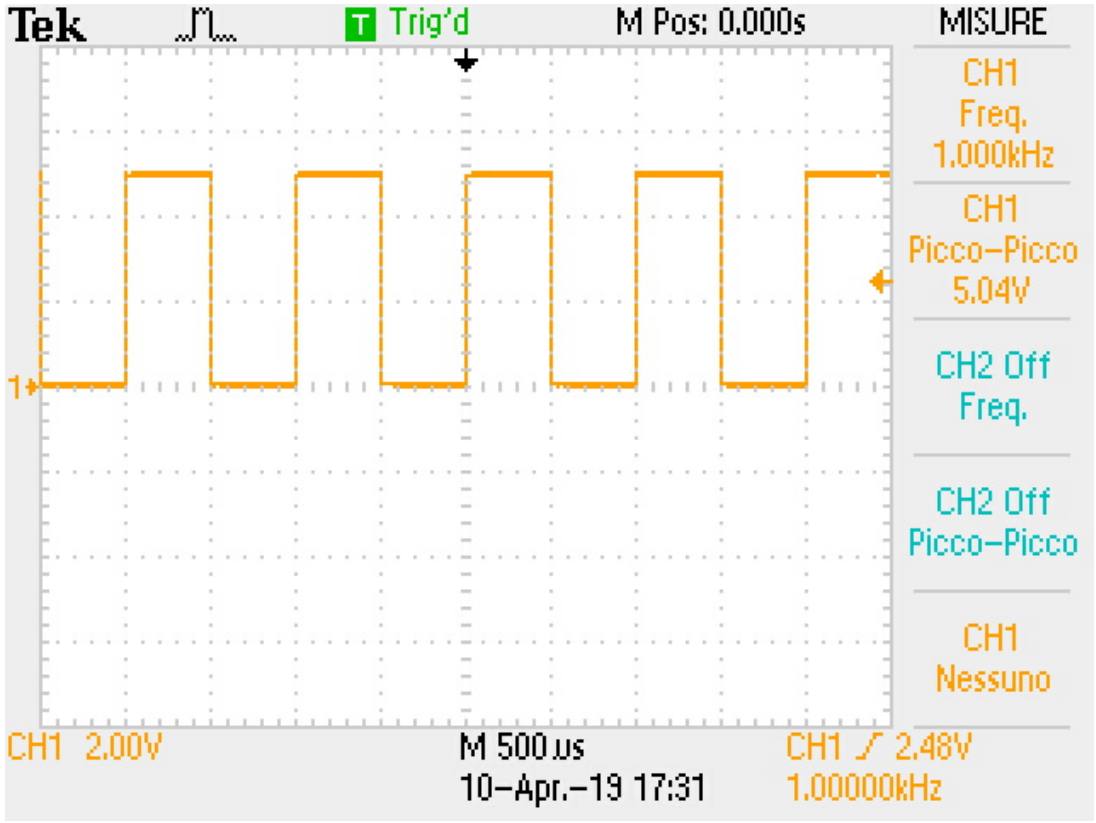
- Segnale di prova «comp. sonde»
- Autoset
- Verifica CH1
  - Accoppiamento AC (non permette di vedere le componenti DC)



- Tasto CH1
- Impostare accoppiamento DC (segnale AC + DC)

Esercitazione

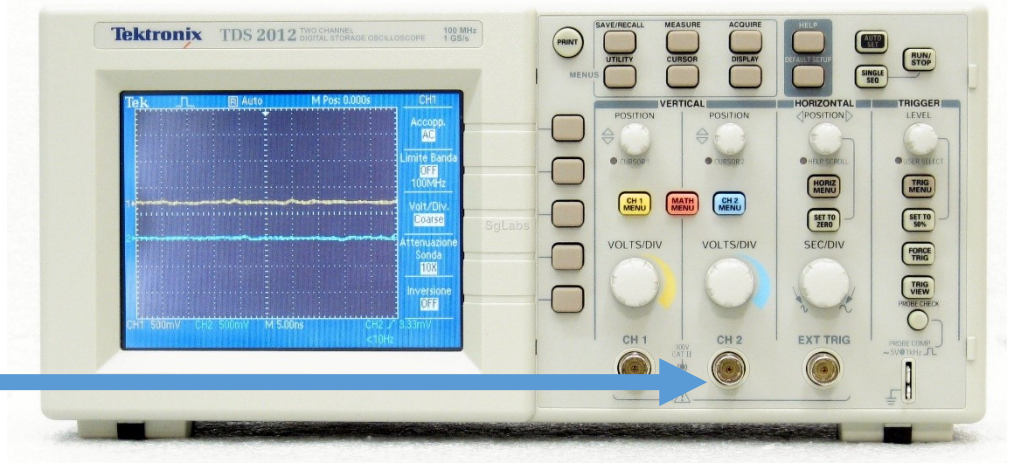
- Compensazione delle sonde
- Misure
- Rilevamento di fenomeni transitori

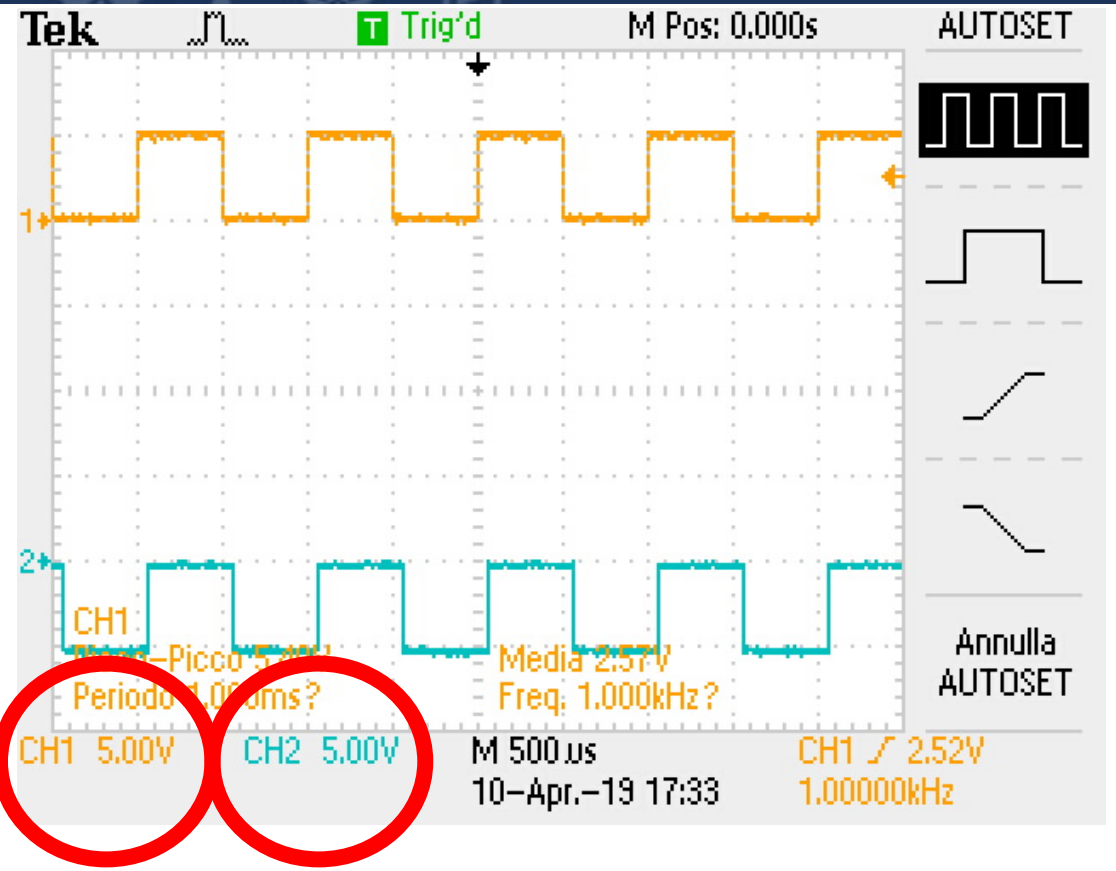


- Tasto Misure
- Selezionare nella prima posizione la misura per Ch1
  - Misura di frequenza
- Seconda posizione
  - Misura di Vpp

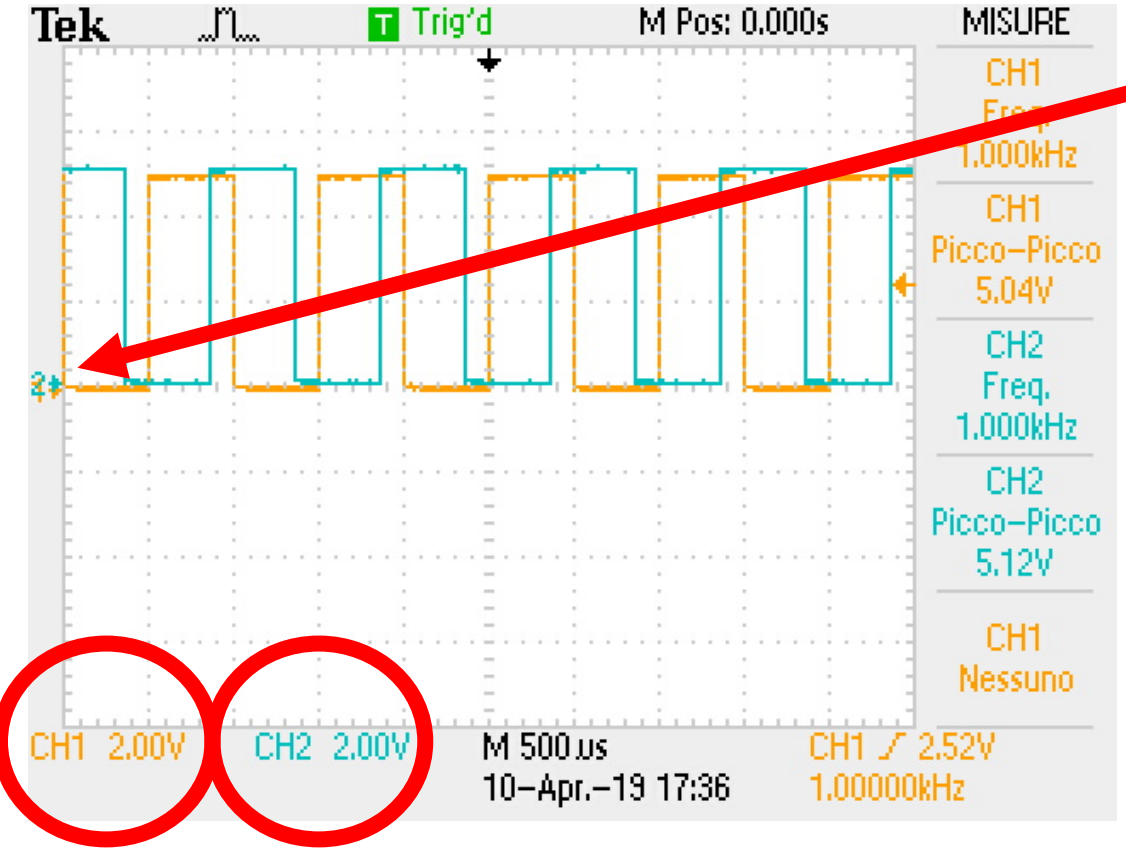
€ 1.500

Generatore di funzioni Keysight Technologies 33210A





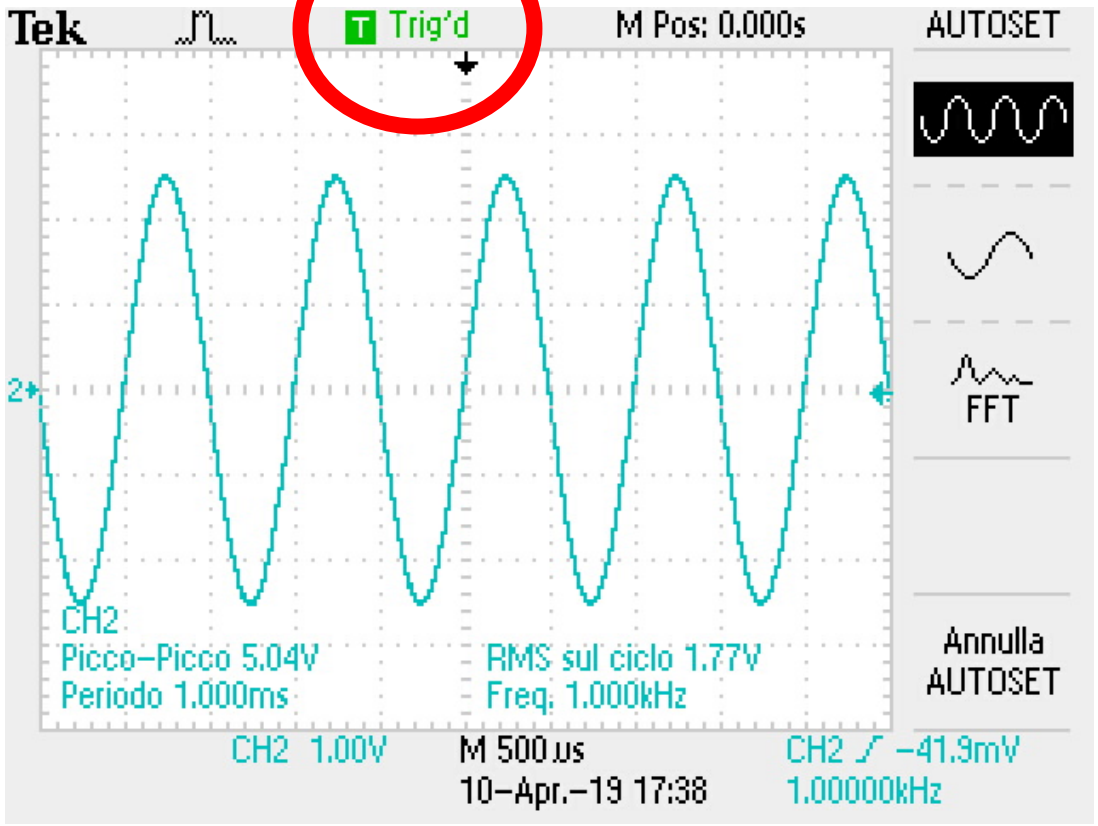
- Due canali
- Segnale onda quadra Vpp 5V
- Offset 2.5 Vdc
- f=1 kHz
- Accoppiamento ch2 DC
- Autoset



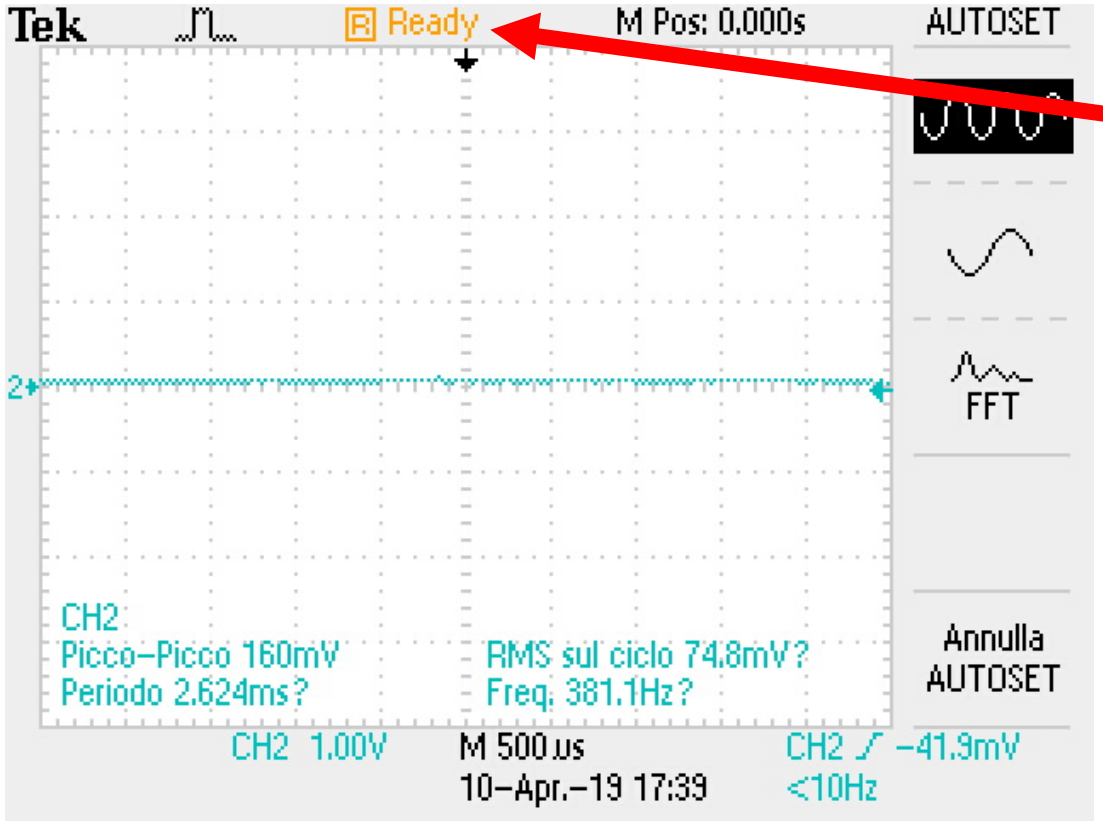
- Riferimento di tensione comune
- Misure:
  - Frequenza
  - Vpp

Esercitazione

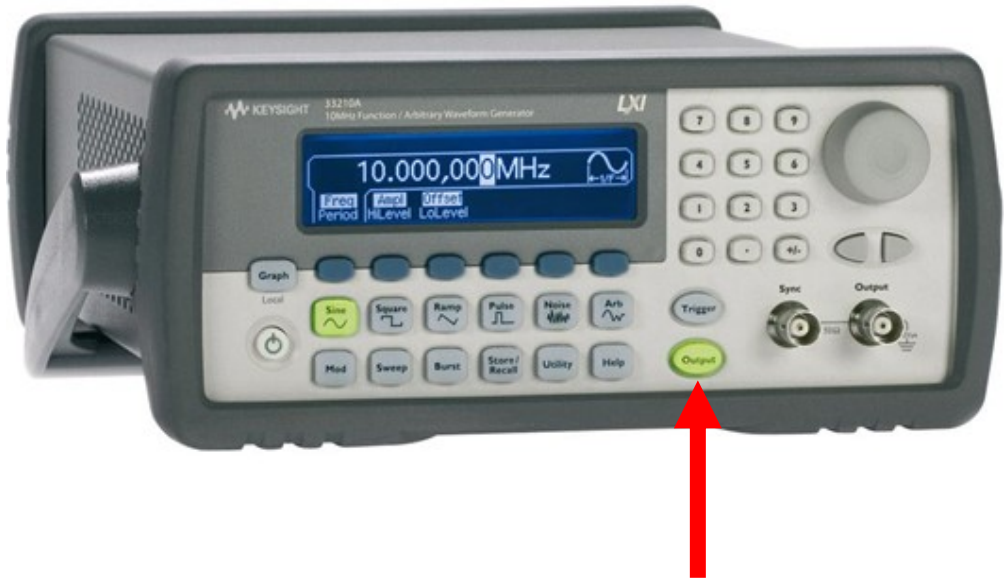
- Compensazione delle sonde
- Misure
- Rilevamento di fenomeni transitori

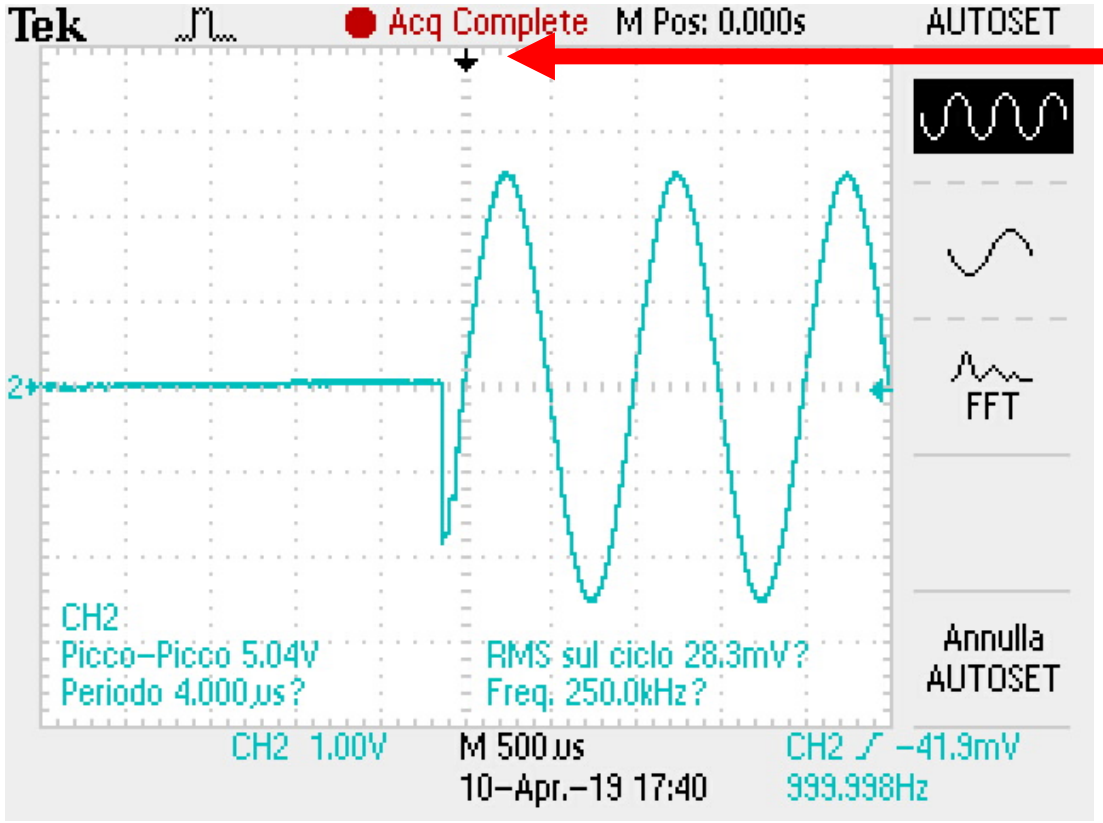


- Scollegare Canale 1
- Segnale Sinusoidale 5 Vpp
- f = 1 kHz
- Autoset



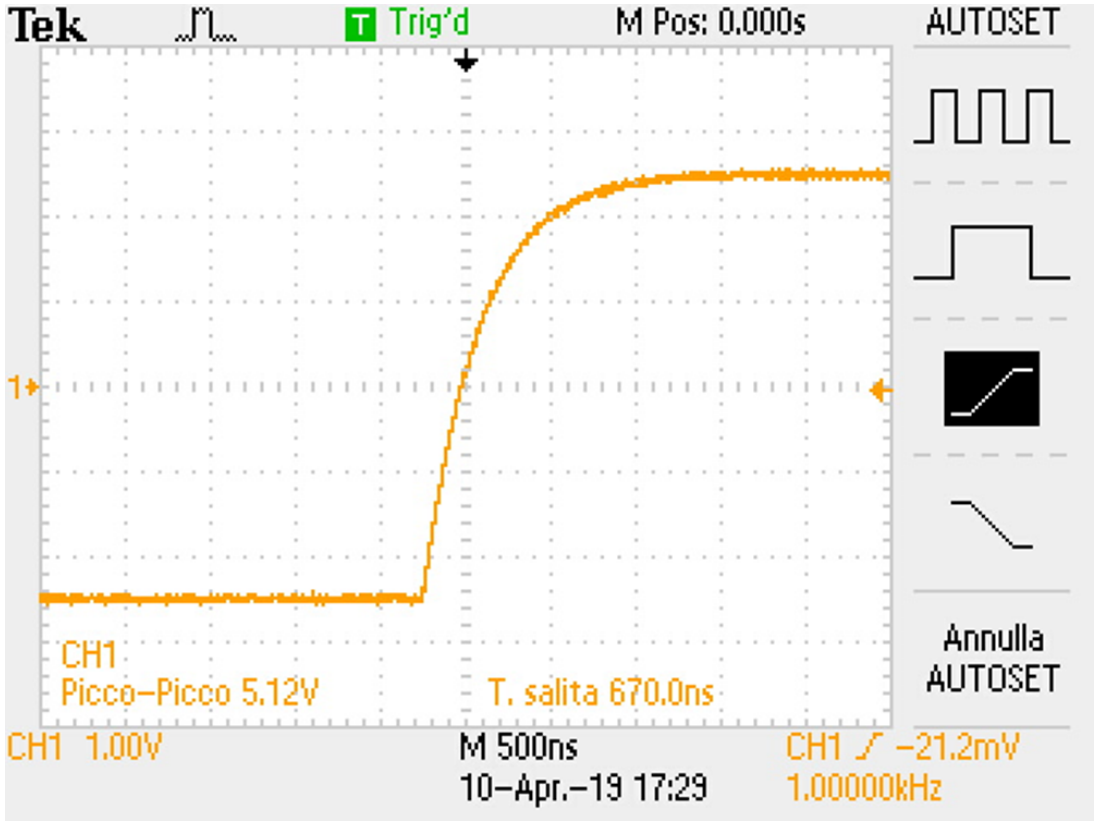
- Output generatore off
- Singolo evento



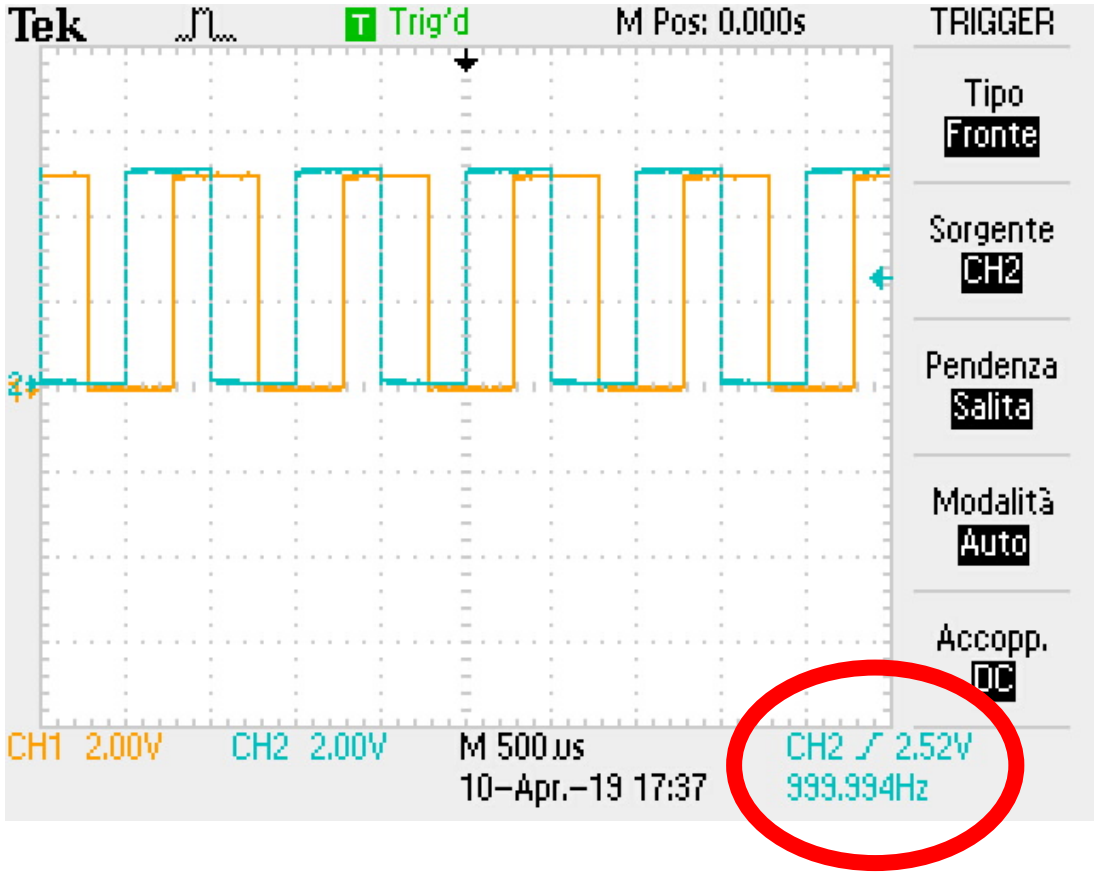


- Singolo evento acquisito

- Approfondimenti



- Autoset
- Segnale di prova
- Transitorio
  - Misura automatica:
  - Tempo di salita 10 % - 90 %



- Menu Trigger
- Cambio Sorgente Trigger
- Sorgente Ch2