

Análise pto errático
Sample Rate 156.25kHz

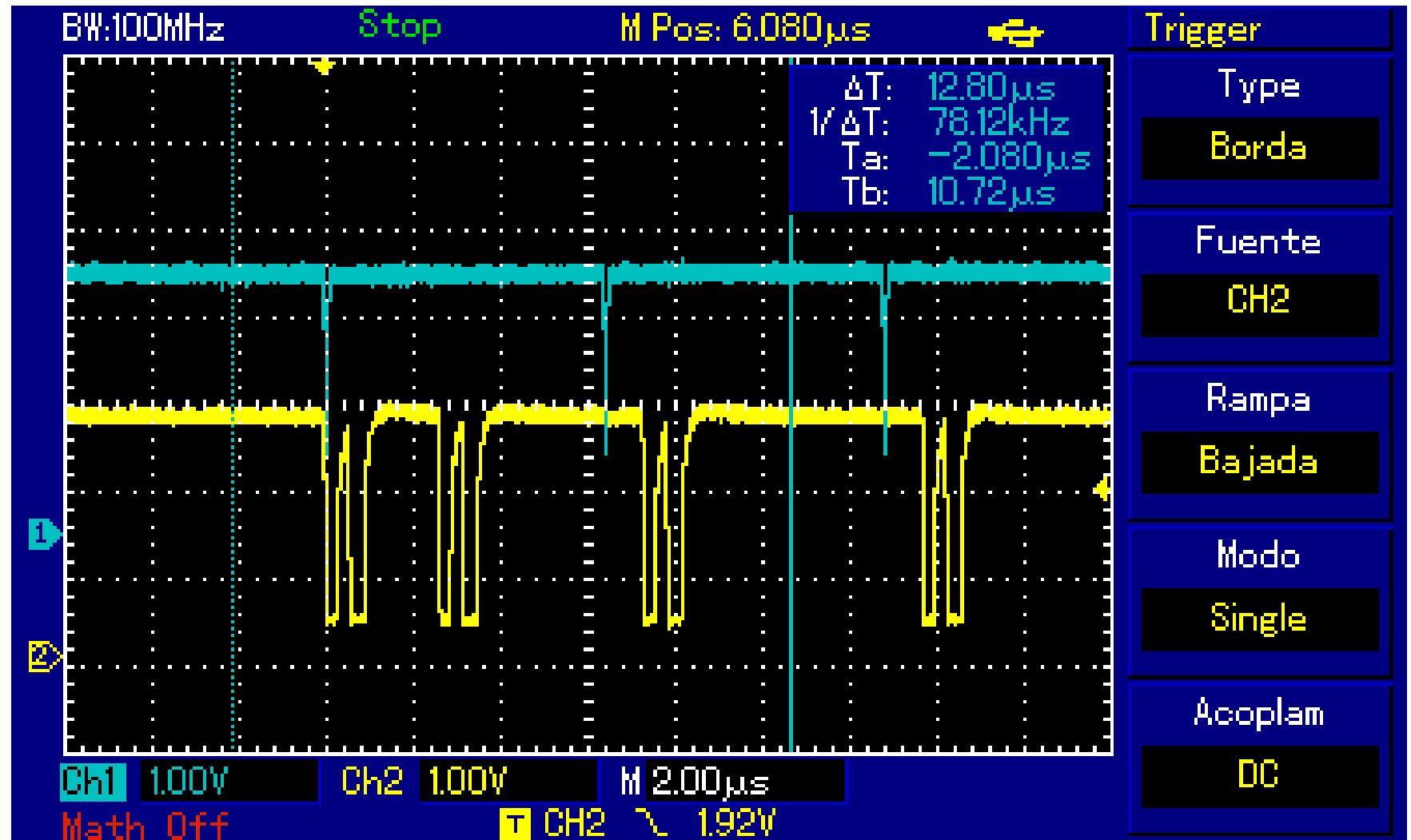
Foto: sinais

DRDY->

CS->

S.R. 156.25 kHz

Ch Mestre



Nova metodologia de medição

```
void leADC() {  
    detachInterrupt(digitalPinToInterrupt(DRDY));  
    long i = 0;  
    for(i = 0; i <= 21; i++){  
        asm("nop \n");  
    }  
    while(contadorAmostra < Nr_de_Amostras){  
        REG_PIOD_ODSR = 0x00000004;  
        vetor_Amostra[contadorAmostra] = REG_PIOC_PDSR;  
  
        REG_PIOD_ODSR = 0x00000007;  
        NOP();  
        NOP();  
        NOP();  
        REG_PIOD_ODSR = 0x00000004;  
        vetor_segunda_palavra[contadorAmostra] = REG_PIOC_PDSR;  
  
        REG_PIOD_ODSR = 0x00000007;  
        contadorAmostra++;  
        for(i = 0; i <= 10; i++){  
            asm("nop \n");  
        }  
    }  
    attachInterrupt(digitalPinToInterrupt(buttonPin8), HabilitaDRDY, RISING);  
}
```

Foto: sinais

Mestre->

Escravo->

S.R. 625 kHz

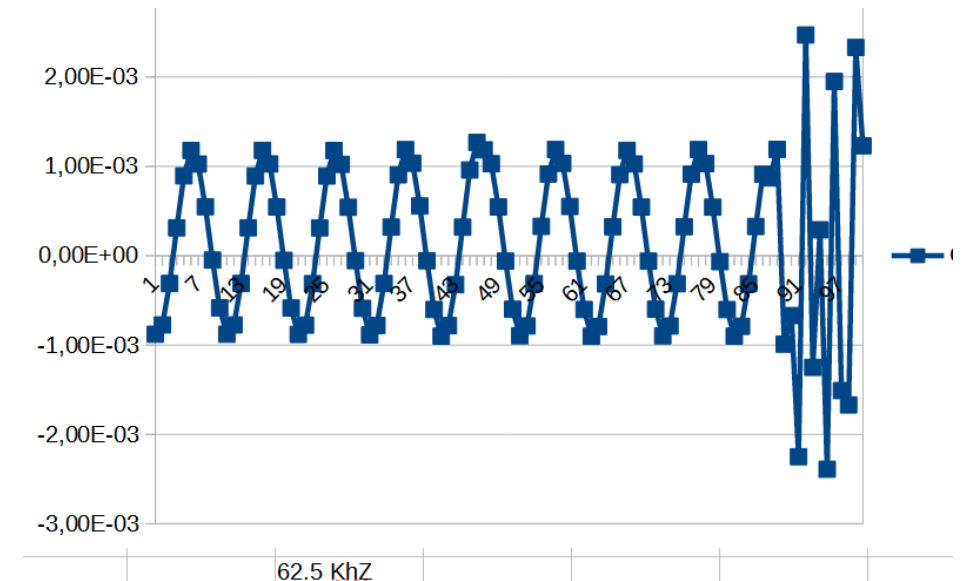
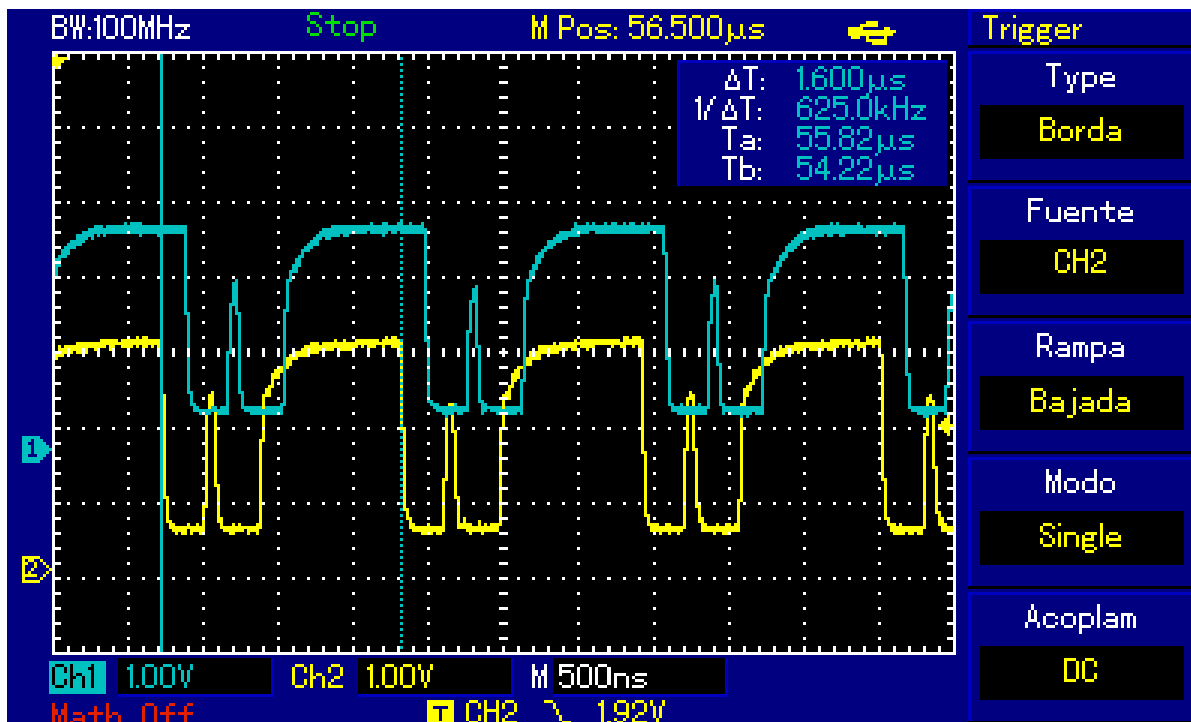
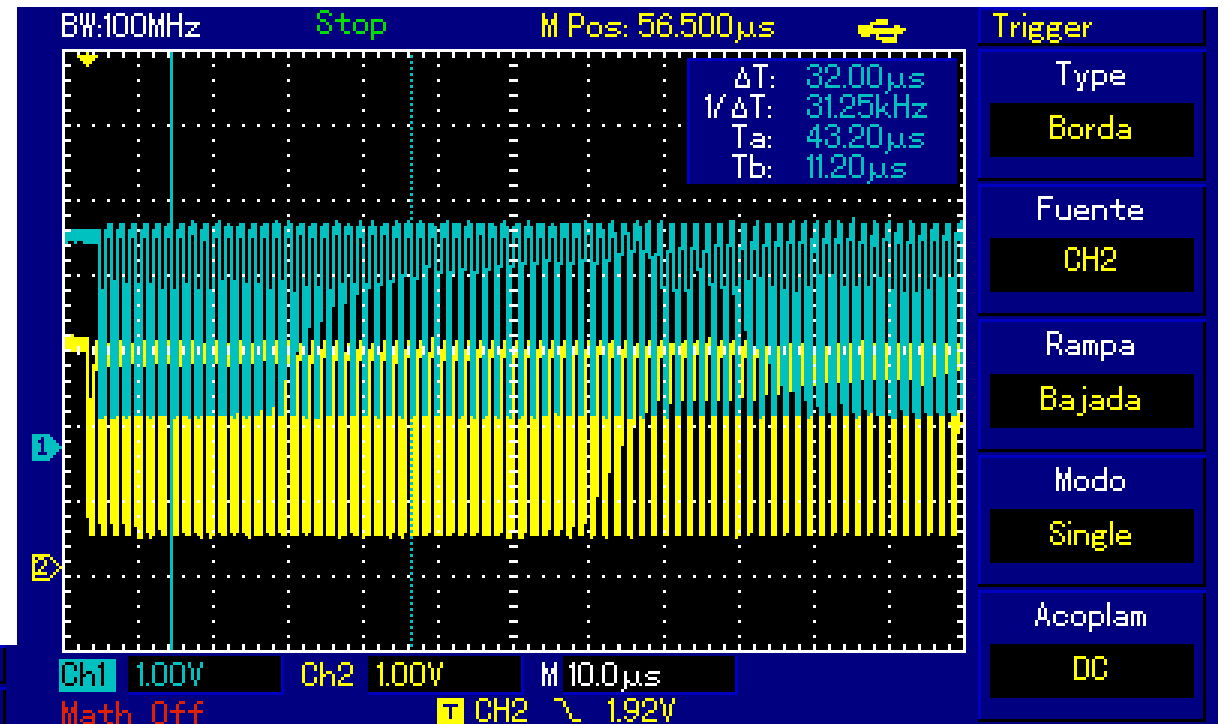


Foto: sinais

CS->

DRDY->

S.R. 625 kHz

Ch Mestre

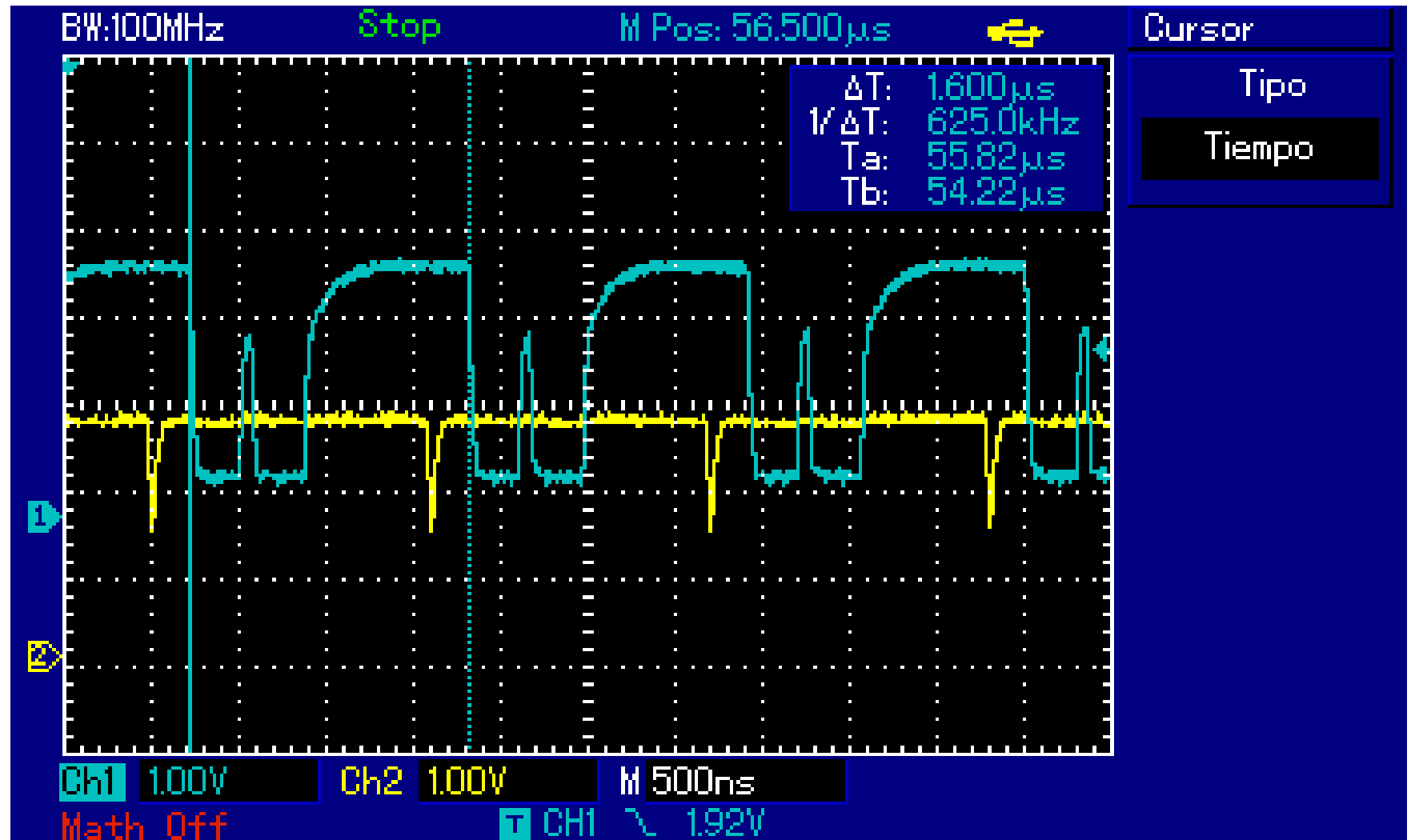


Foto: sinais
DRDY>
CS>
S.R. 625 kHz
Ch Escravo

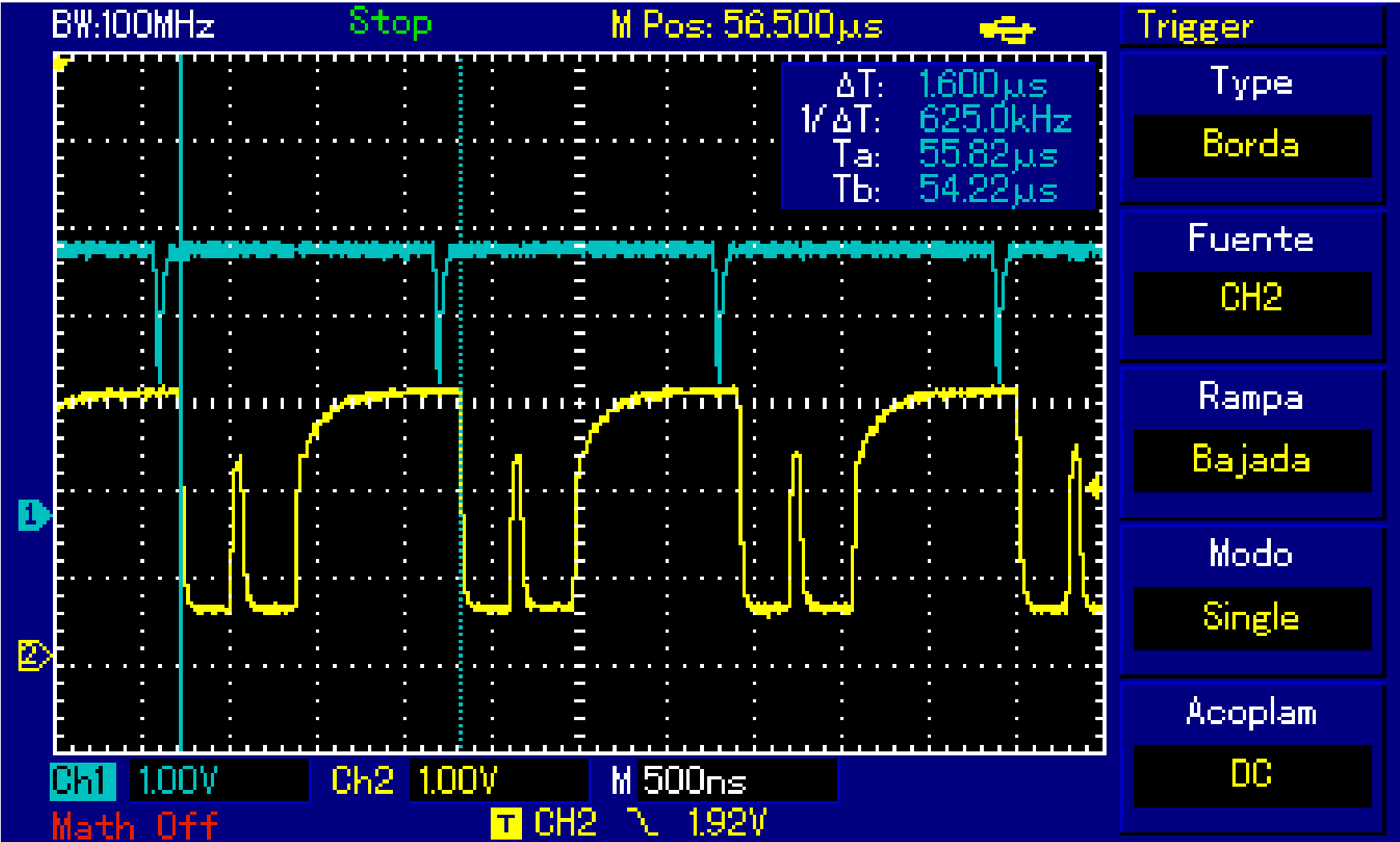
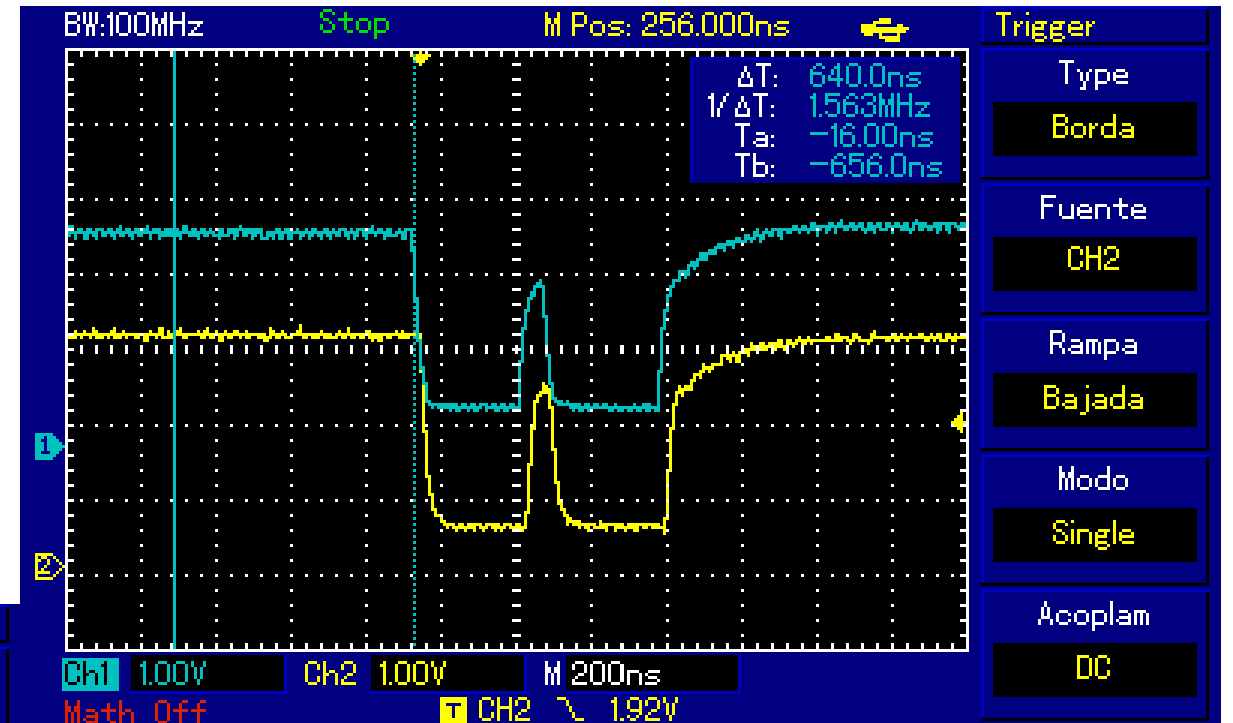
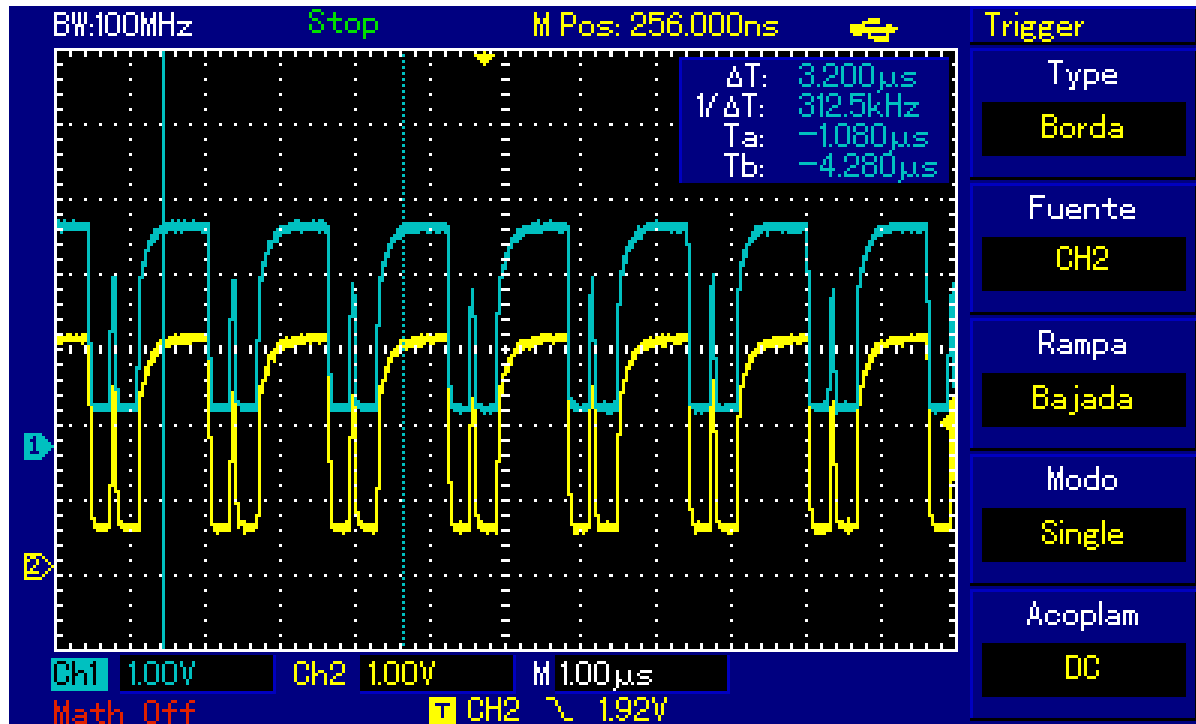


Foto: sinais

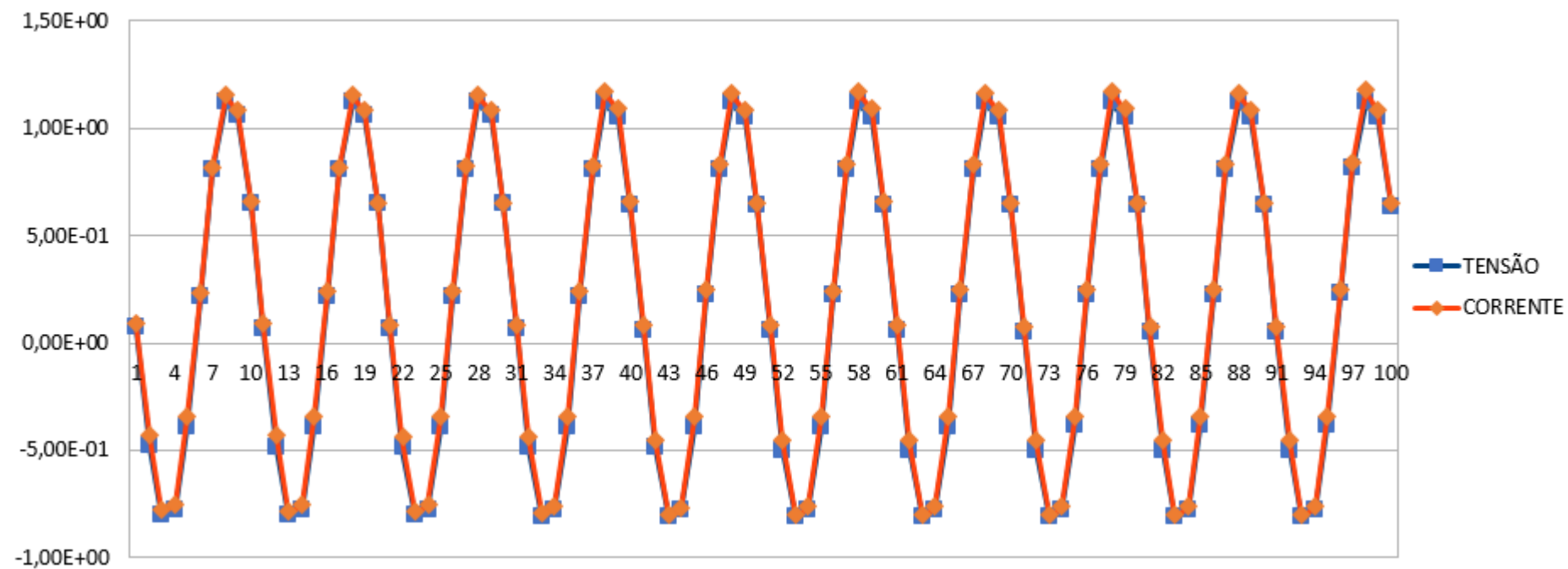
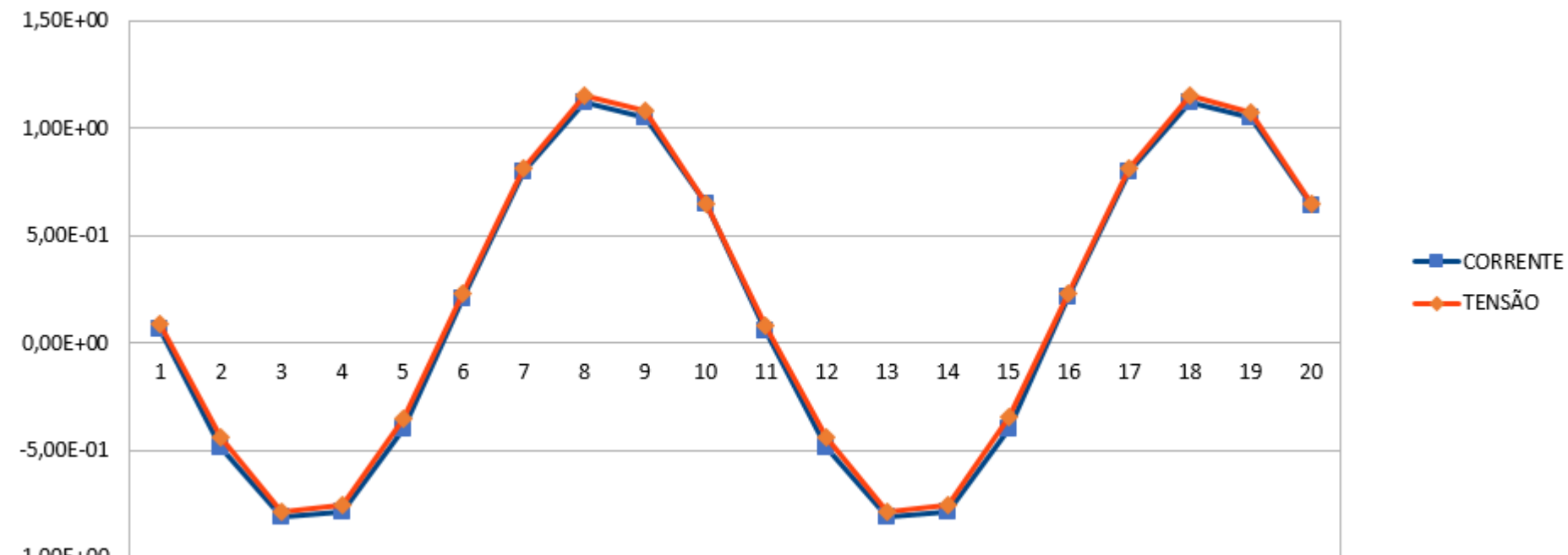
Mestre->

Escravo->

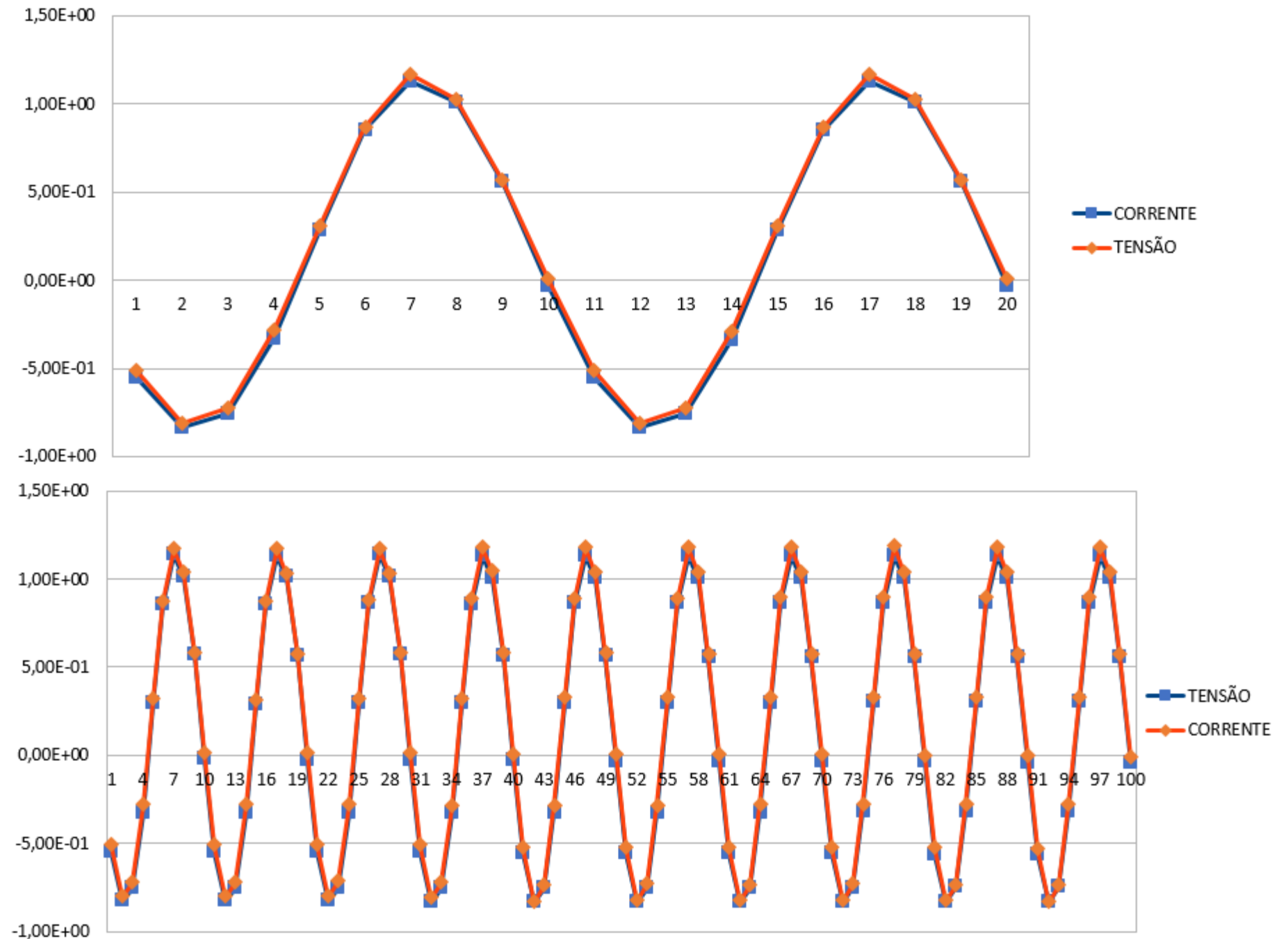
S.R. 625 kHz



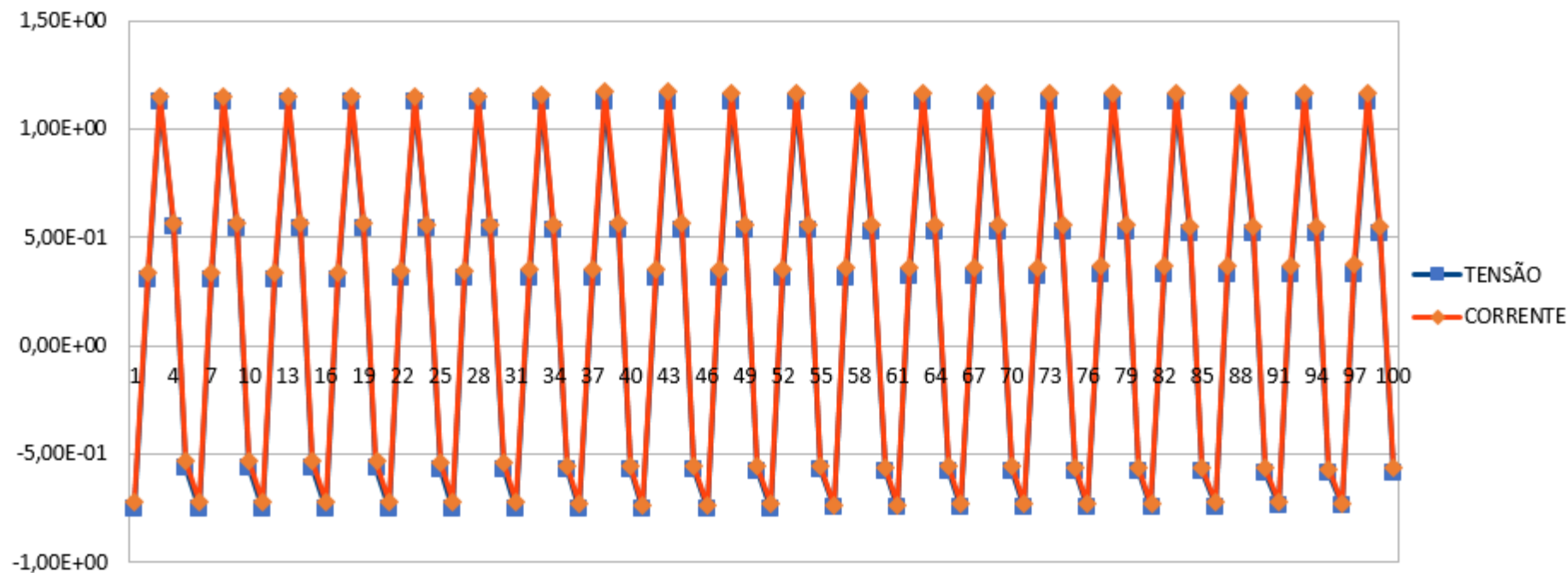
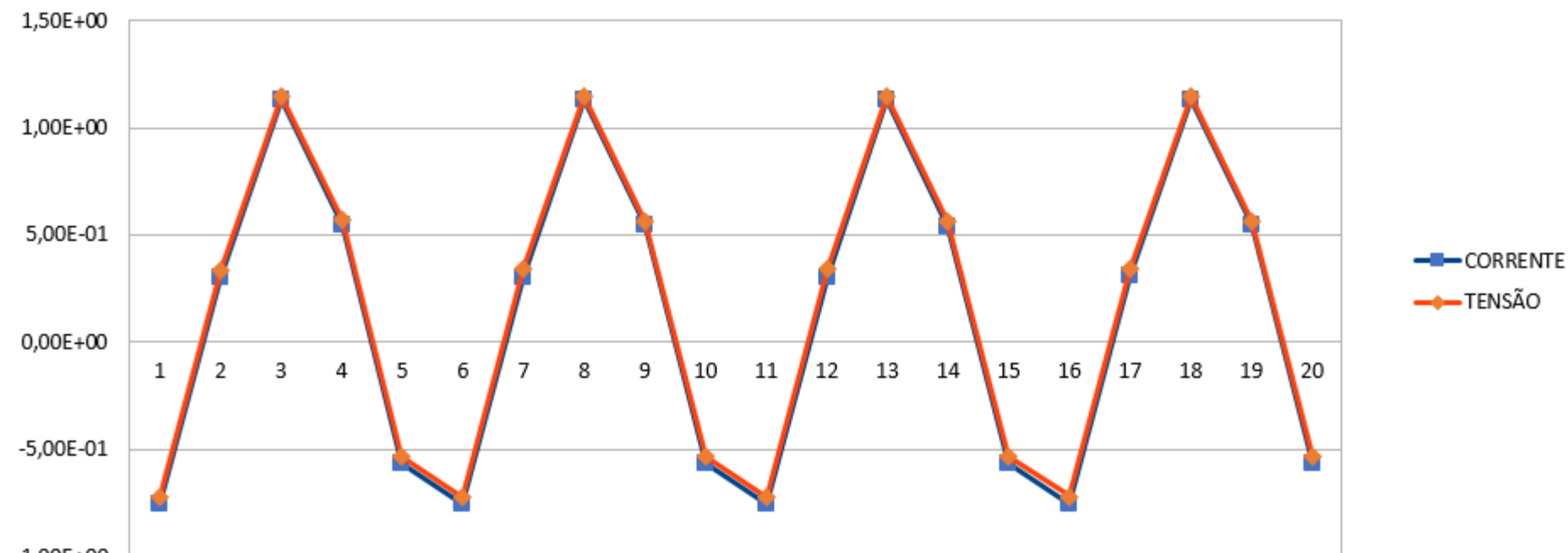
Medição 1
62,5 kHz
S.R. 625 kHz



Medição 2
62,5 kHz
S.R. 625 kHz



Medição 3
125 kHz
S.R. 625 kHz



Medição 4
125 kHz
S.R. 625 kHz

