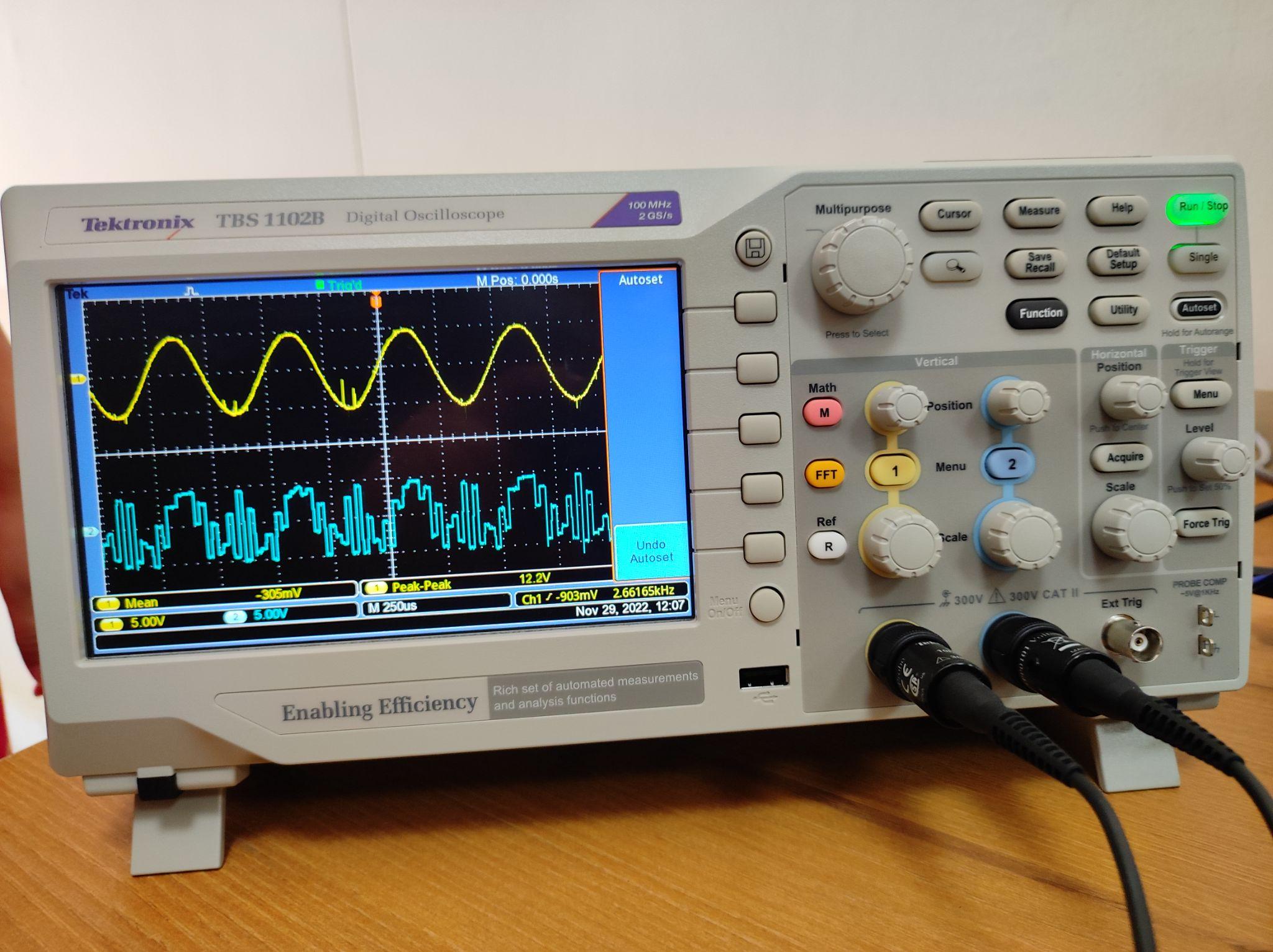
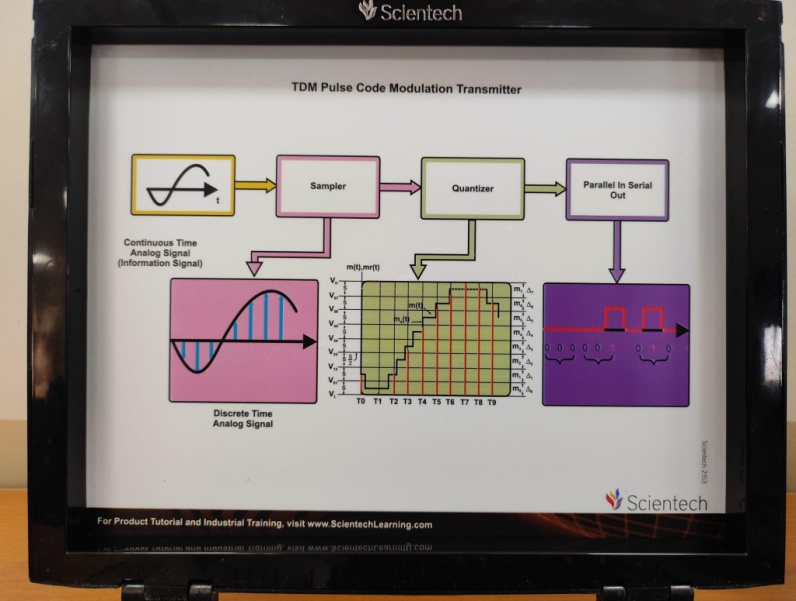
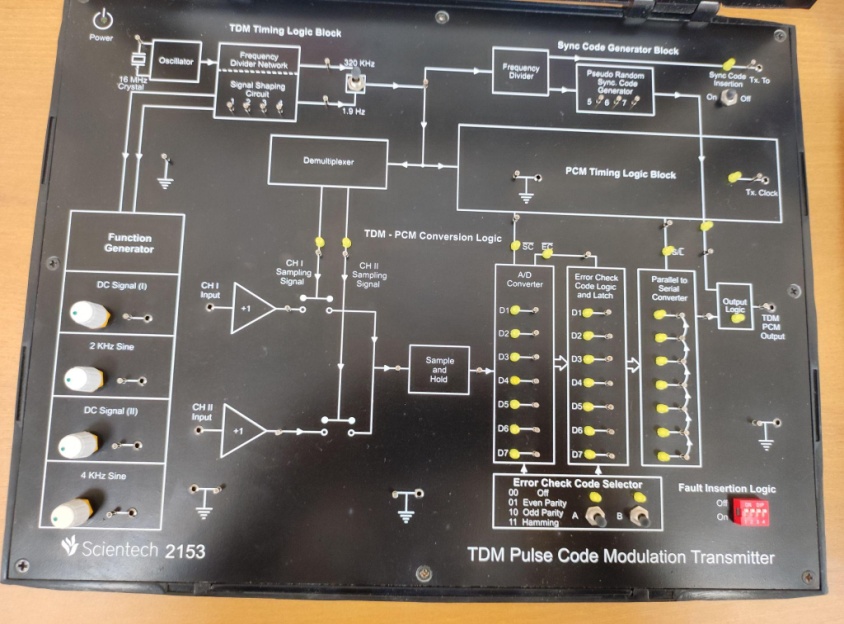
**PRACTICAL- 10**

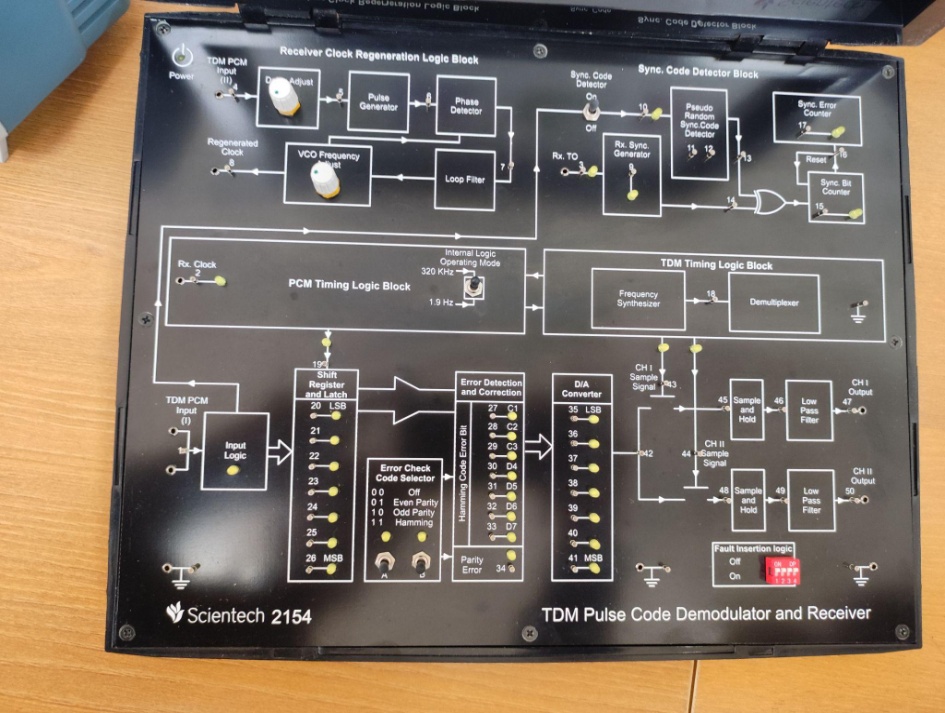
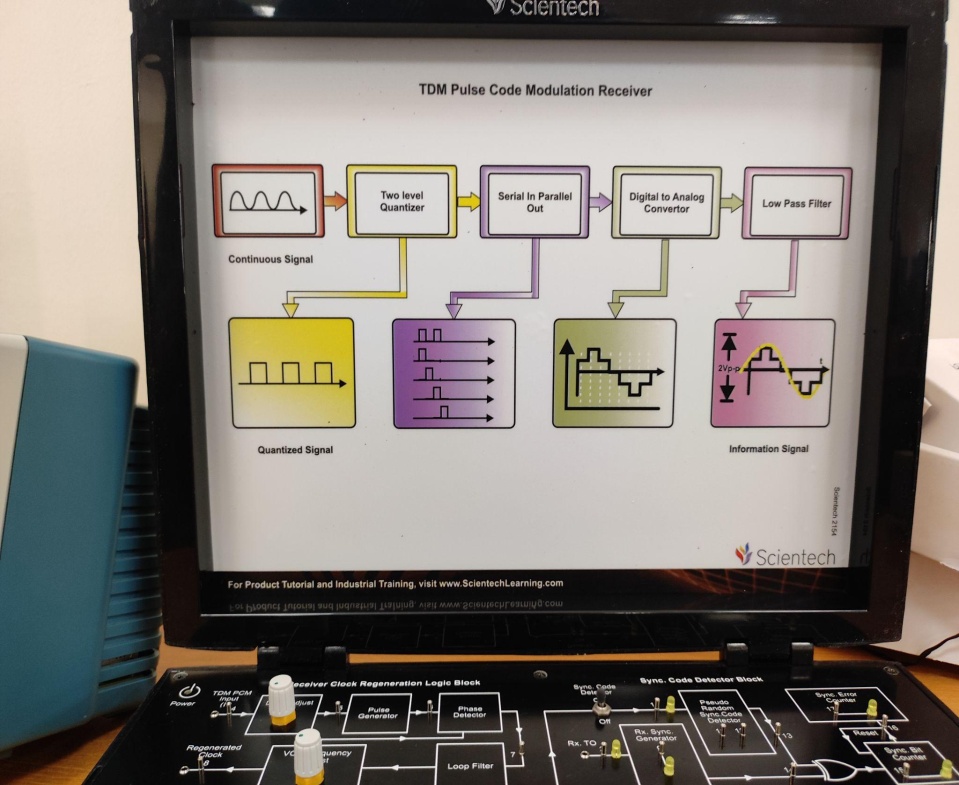
**AIM:-**The study construction and execution of PCM and PCM-TDM signals using Transmission and Reciever kit.

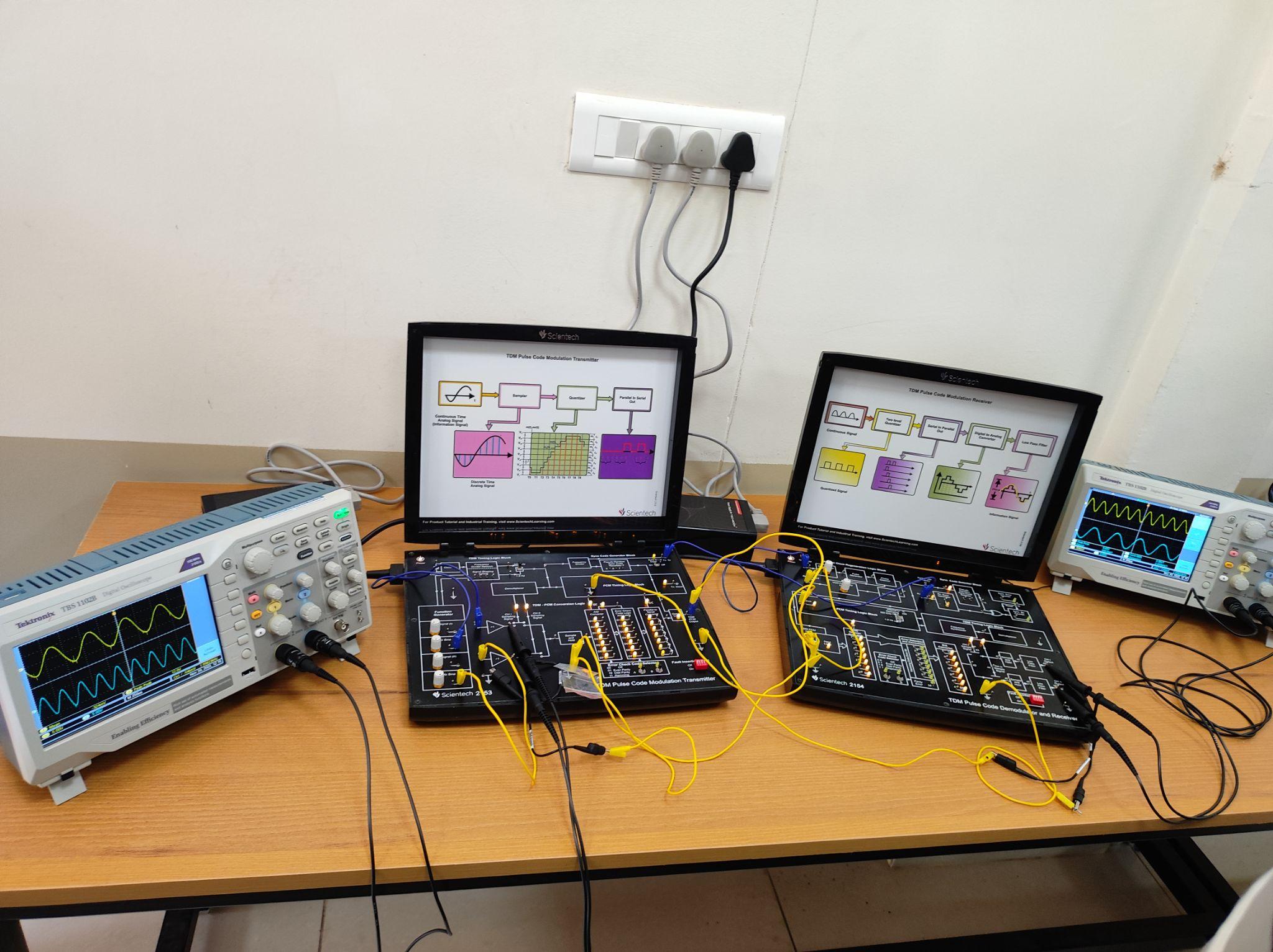
**APPARATUS:-**

1.OSCILLOSCOPE

2. PCM-TDM TRANSMITTER:-

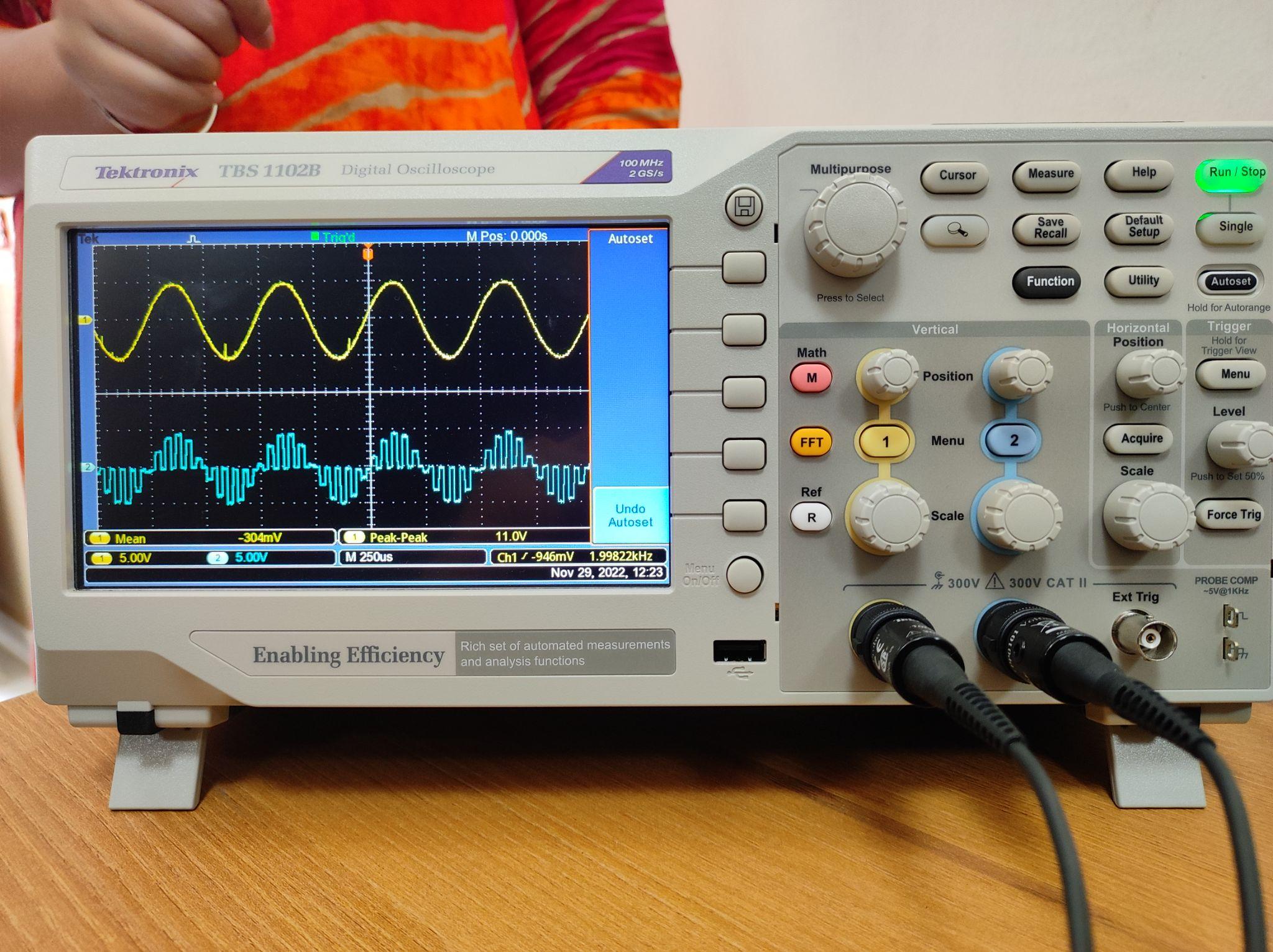
 

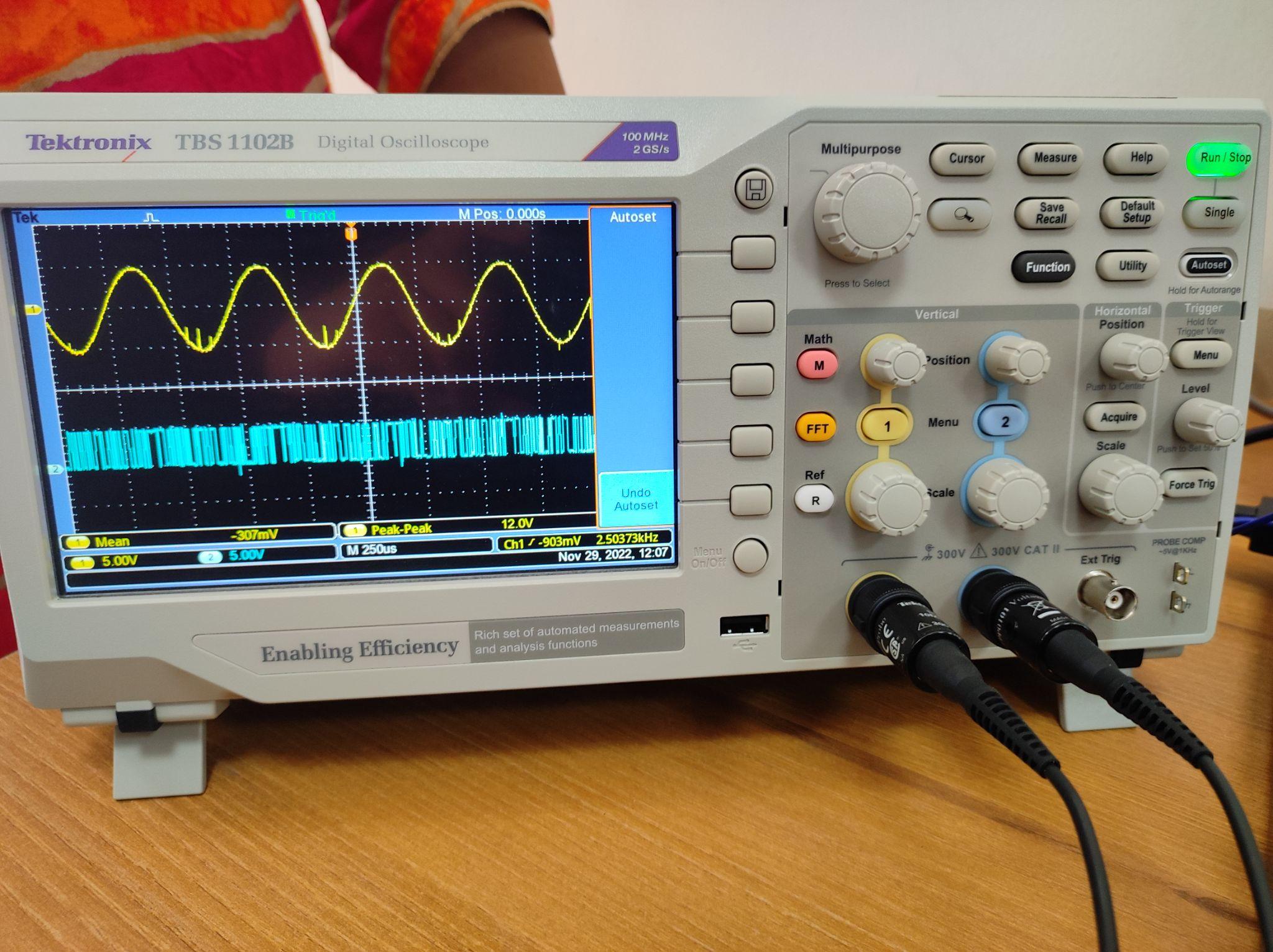
3.TDM DECODER and DEMODULATOR KIT:-



**OBSERVATION: (PCM TX –RX)**

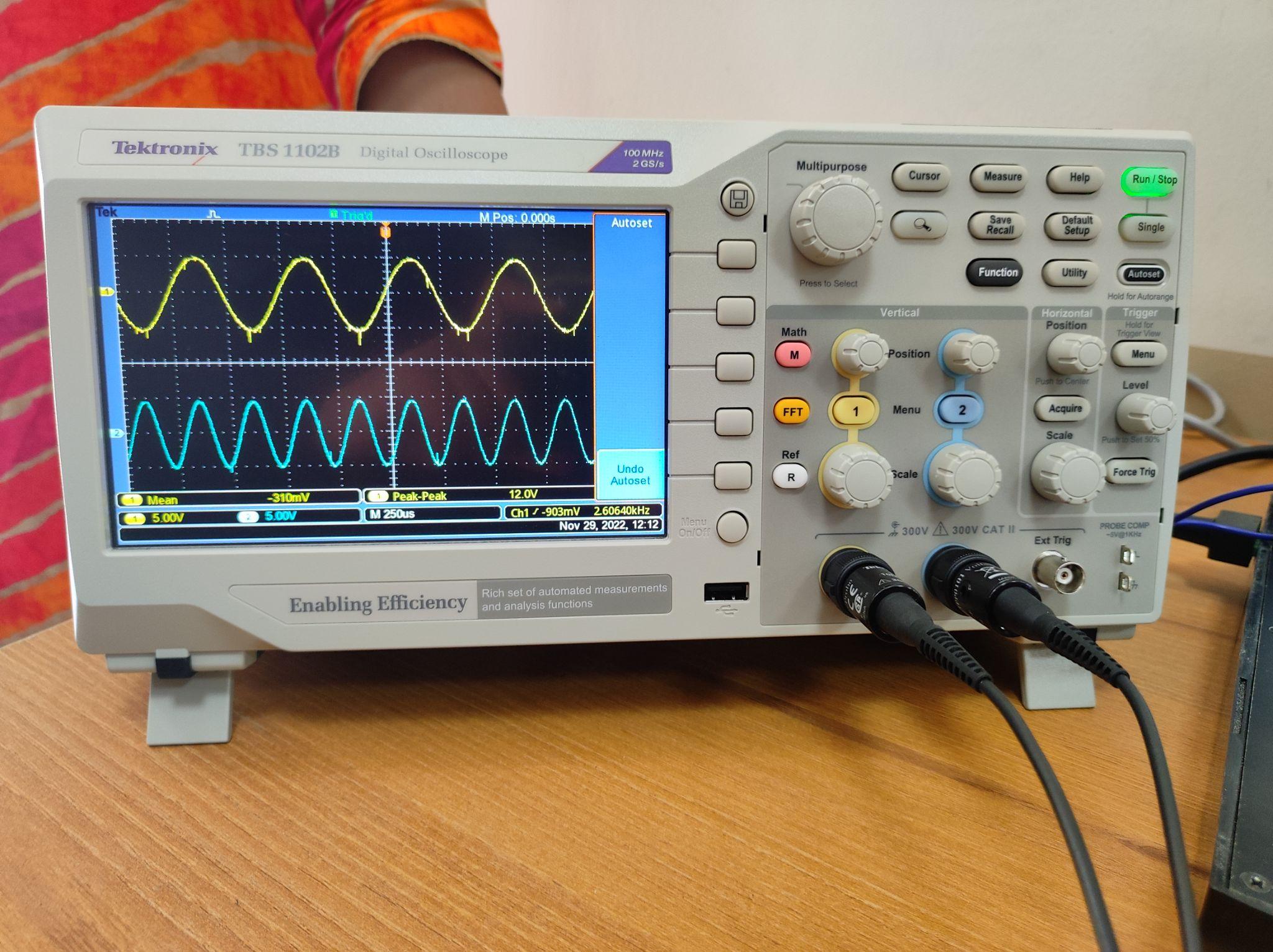
MESSAGE Signal(2KHz) and its SAMPLED OUTPUT Signal:-



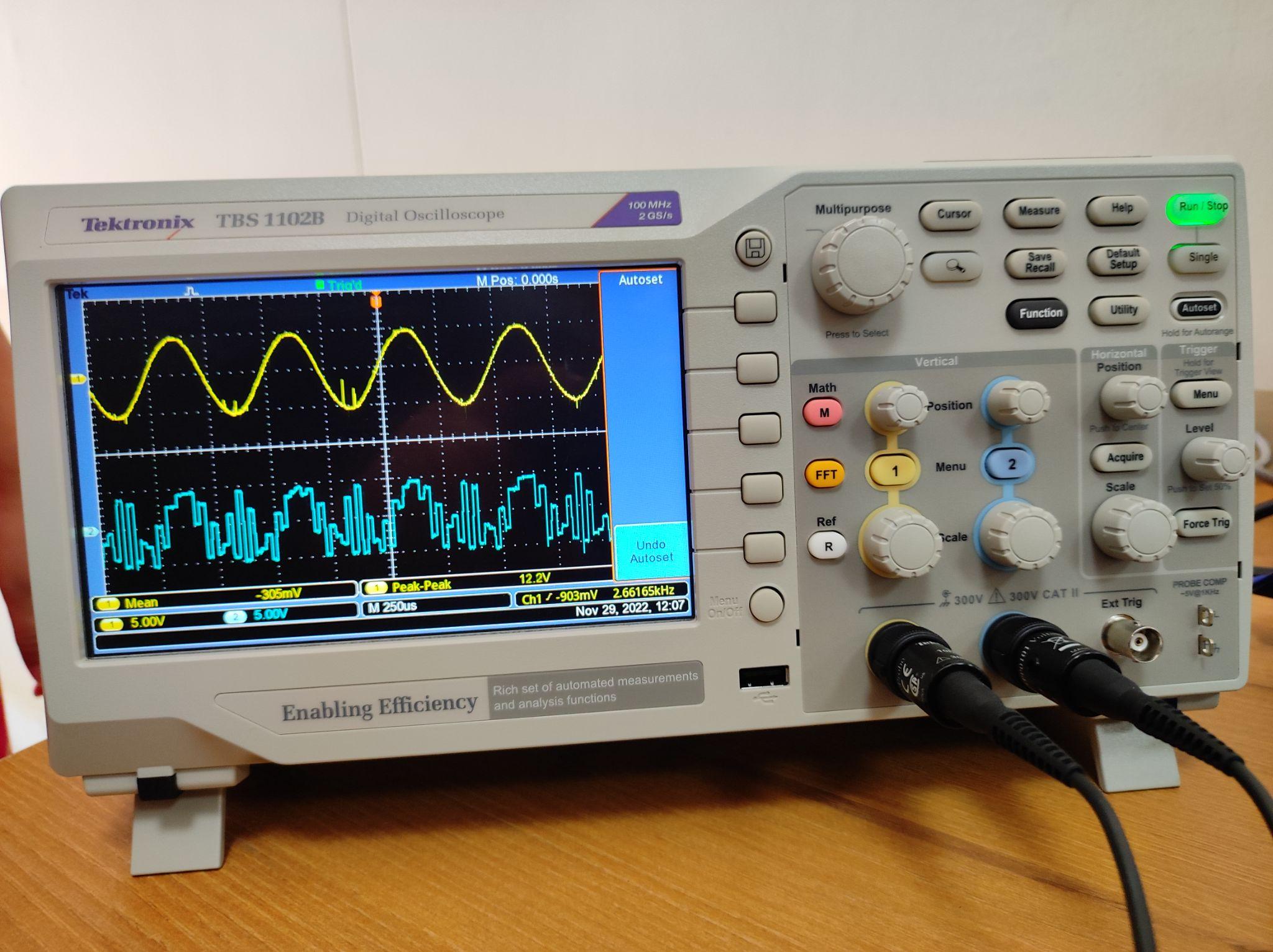
RECONSTRUCTED Signal and RECIEVED PCM Signal:-

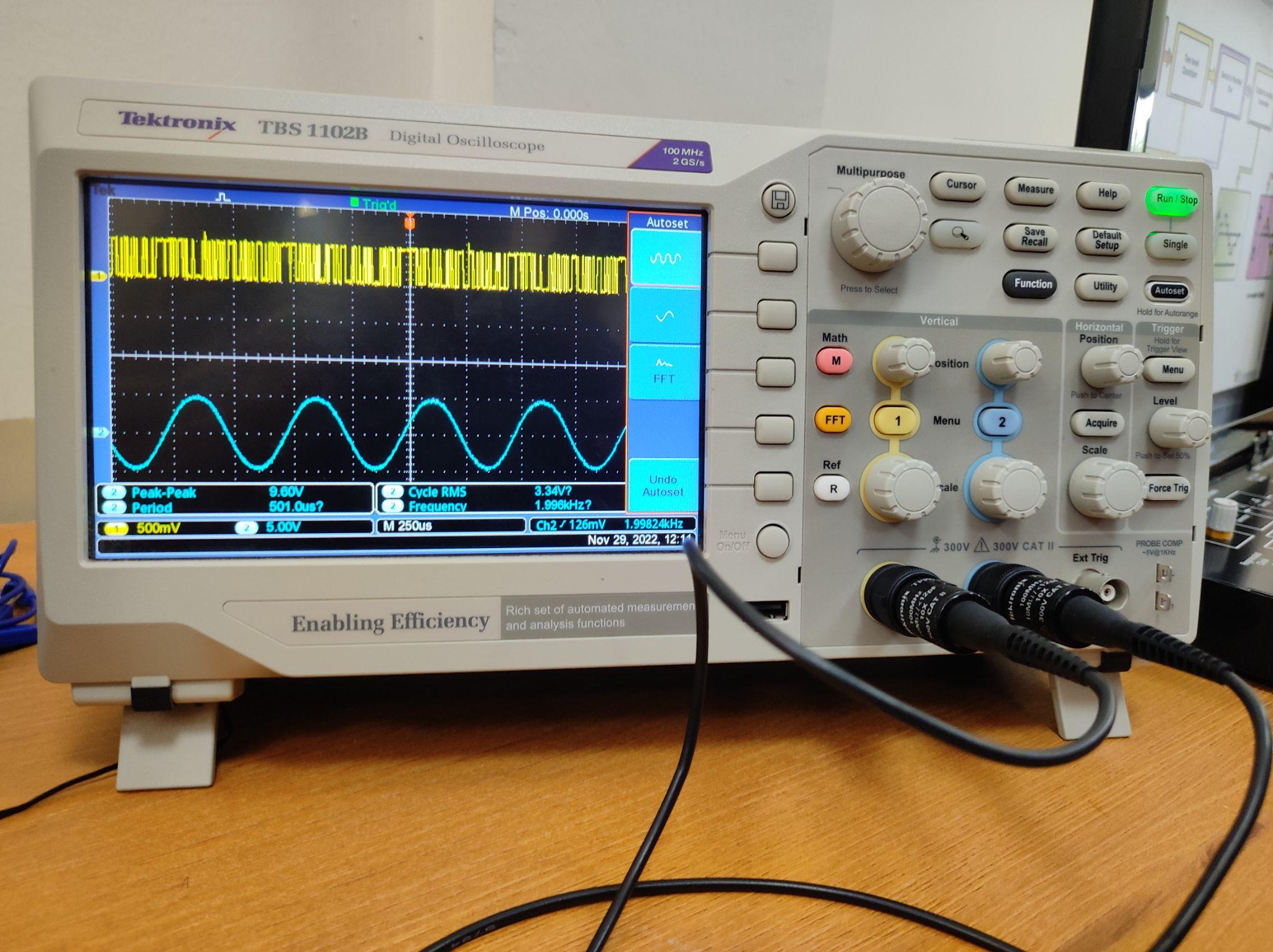
**OBSERVATION: (PCM-TDM TX –RX)**

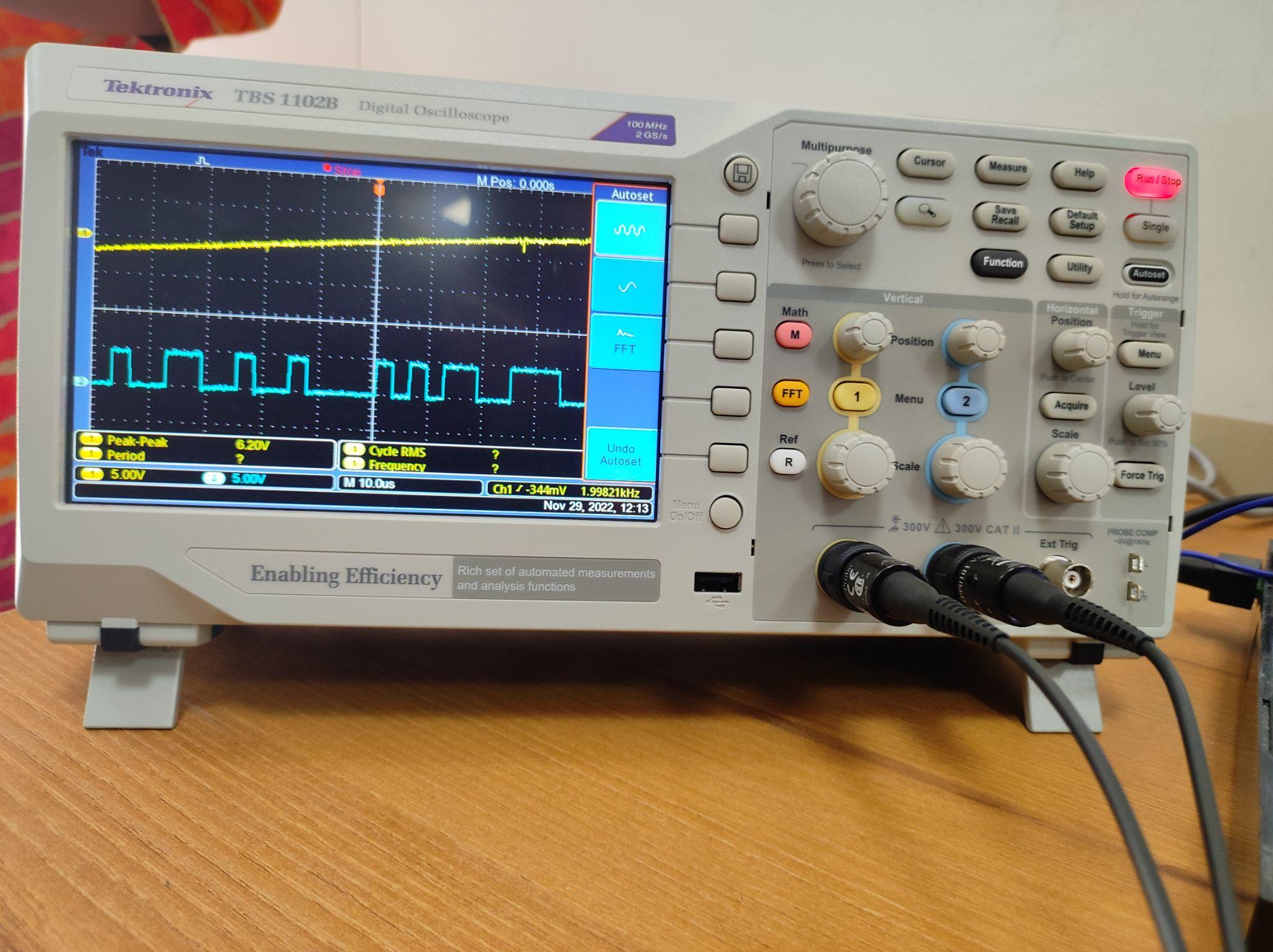
TWO MESSAGE SIGNAL (2KHz and 4KHz):-

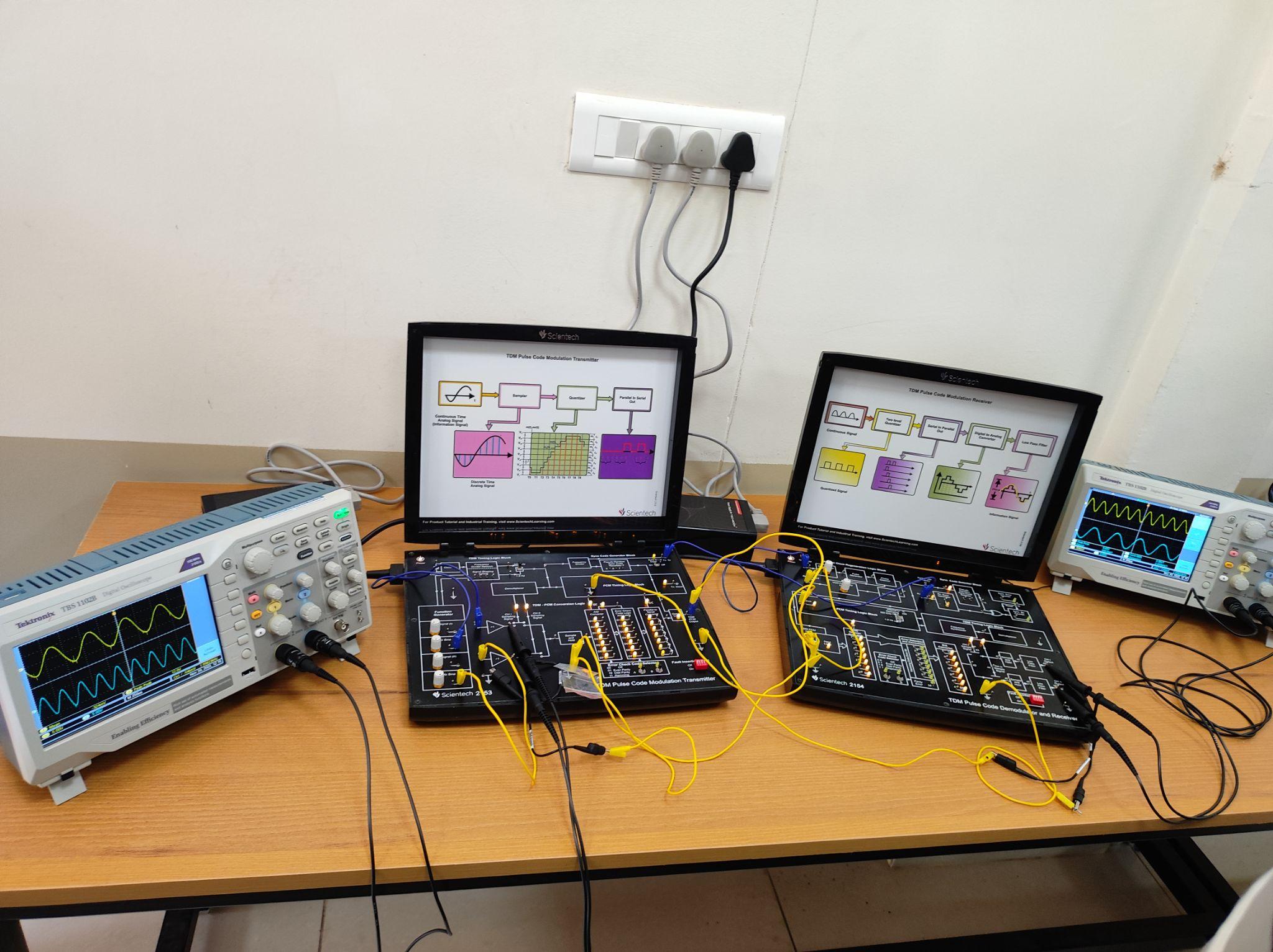


TDM SAMPLED SIGNAL for both the SIGNALS (2KHz&4KHz):-



PCM Signal and RECONSTRUCTED Signal:-



TDM RECONSTRUCTED SIGNAL (2KHz and 4KHz):-

**CONCLUSION:-**

We learned how to createe ,transmit and recieve PCM,PCM-TDM signaal using TDM Transmission and Recieving Kit.