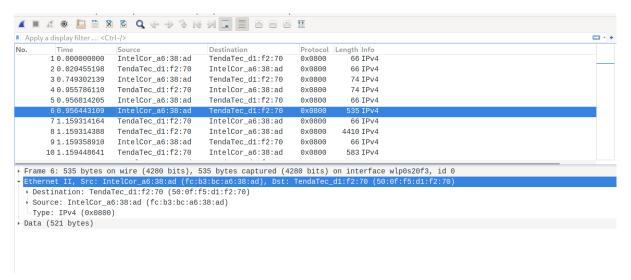
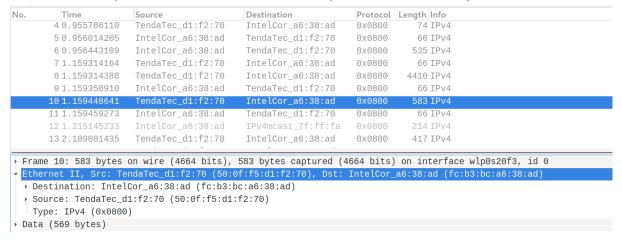
- 1. Wireshark : Ethernet и ARP (7 баллов)
- 1.Захват и анализ Ethernet-кадров (3 балла)
 - fc:b3:bc:a6:38:ad
 IntelCor_a6:38:ad



- 3. Адрес: 50:0f:f5:d1:f2:70, устройство: TendaTec d1:f2:70
- 4. Как видно на скриншоте, это действительно адрес моего компьютера



- 2. ARP-протокол (4 балла)
 - 1. Src: fc:b3:bc:a6:38:ad, Dst: ff:ff:ff:ff:ff

```
arp
                                              Protocol Length Info
         Time
                  Source
                                Destination
                                                      42 192.168.0.1 is at 50:0f:f5:d1:f2:70
        73 1.529357883 TendaTec_d1:f2:70
                                IntelCor_a6:38:ad
    Frame 72: 42 bytes on wire (336 bits), 42 bytes captured (336 bits) on interface wlp0s20f3, id 0
     -Destination: Broadcast (ff:ff:ff:ff:ff)
     -Source: IntelCor_a6:38:ad (fc:b3:bc:a6:38:ad)
     Type: ARP (0x0806)
    Address Resolution Protocol (request)
2. Содержится в поле Sender IP address
       \negType: ARP (0x0806)
    Address Resolution Protocol (request)
        Hardware type: Ethernet (1)
        Protocol type: IPv4 (0x0800)
        Hardware size: 6
        Protocol size: 4
        Opcode: request (1)
        Sender MAC address: IntelCor a6:38:ad (fc:b3:bc:a6:38:ad)
        Sender IP address: 192.168.0.104
        Target MAC address: 00:00:00_00:00:00 (00:00:00:00:00:00)
        Target IP address: 192.168.0.1
3. Поле Target MAC address
4. Поле Sender MAC address
   Address Resolution Protocol (reply)
        Hardware type: Ethernet (1)
        Protocol type: IPv4 (0x0800)
        Hardware size: 6
        Protocol size: 4
        Opcode: reply (2)
        Sender MAC address: TendaTec_d1:f2:70 (50:0f:f5:d1:f2:70)
        Sender IP address: 192.168.0.1
```

Target MAC address: IntelCor_a6:38:ad (fc:b3:bc:a6:38:ad)

Target IP address: 192.168.0.104