

## Service protocol packet examples

## Device reset

```
transmit:      addr:AB
               cmd:Reset
               size:0000
               crc:ABA0
               num:0000

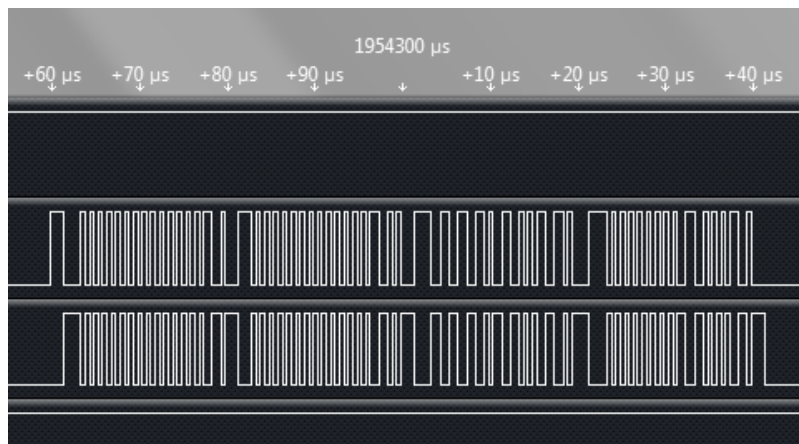
transmitRaw:   AB0000A0ABA000000000000000000000
```

## Data transmission request

```
transmit:      addr:AB
               cmd:Send
               size:0008
               crc:5D15
               num:0000
               data:WSERV 0001, WDATA 0002, WDATA AB45, WDATA FFA1

transmitRaw:   AB0008A2FFA10001FFA30002FFA3AB45FFA3FFA15D150000000000000000
```

The transmission of 4 MIL words as the result of this request:



## Data receive request

[illegible]

## Data receive reply

receivedRaw: 000000000000AC0008B2FFA10001FFA30002FFA3AB45FFA3FFA15E250001

received:     addr:AC  
              cmd:Receive  
              size:0008  
              crc:5E25  
              num:0001  
              data:WSERV 0001, WDATA 0002, WDATA AB45, WDATA FFA1

## Status request

transmit:     addr:AB  
              cmd:Status  
              size:0000  
              crc:ABB0  
              num:0000

transmitRaw: AB0000B0ABB00000000000000000000000000000

## Status reply

receivedRaw: 000000000000AB0003B0000000000000001AEB10001

received:     addr:AB  
              cmd:Status  
              size:0003  
              crc:AEB1  
              num:0001  
              ReceivedQueueSize:0000  
              TransmitQueueSize:0000  
              SpiErrorCount:0001