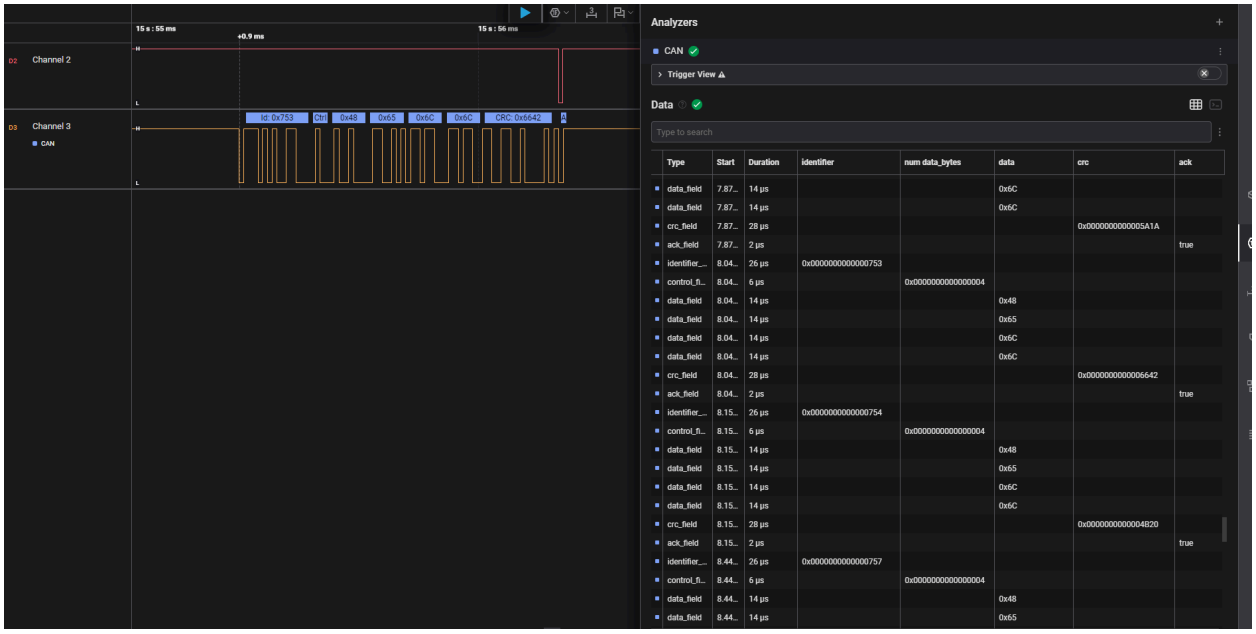
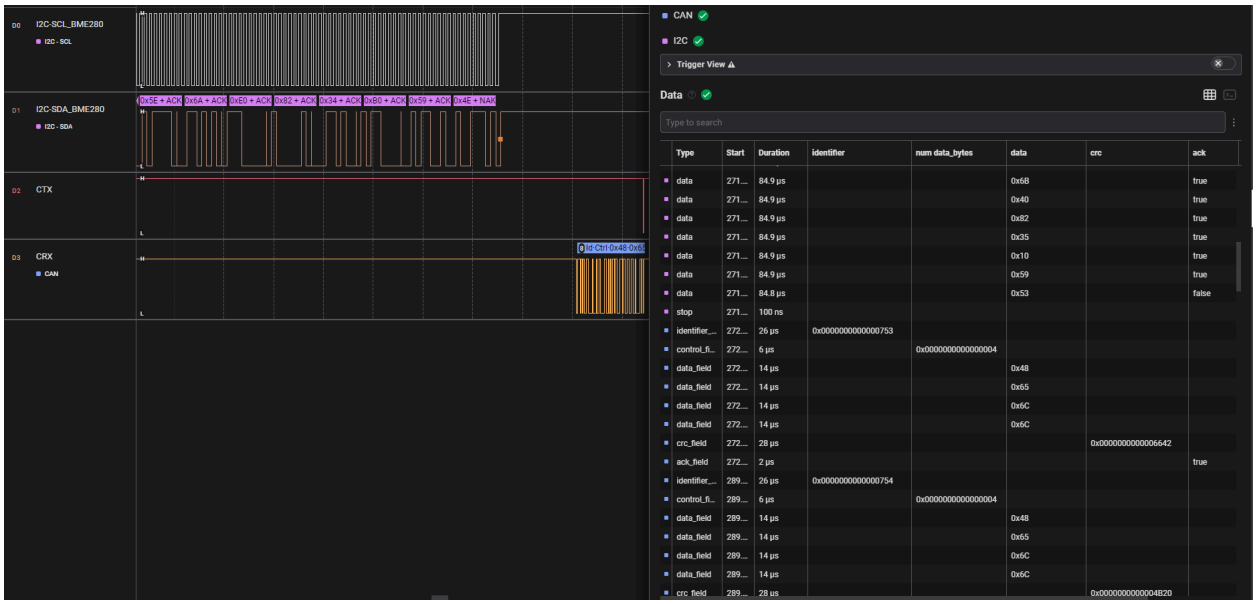
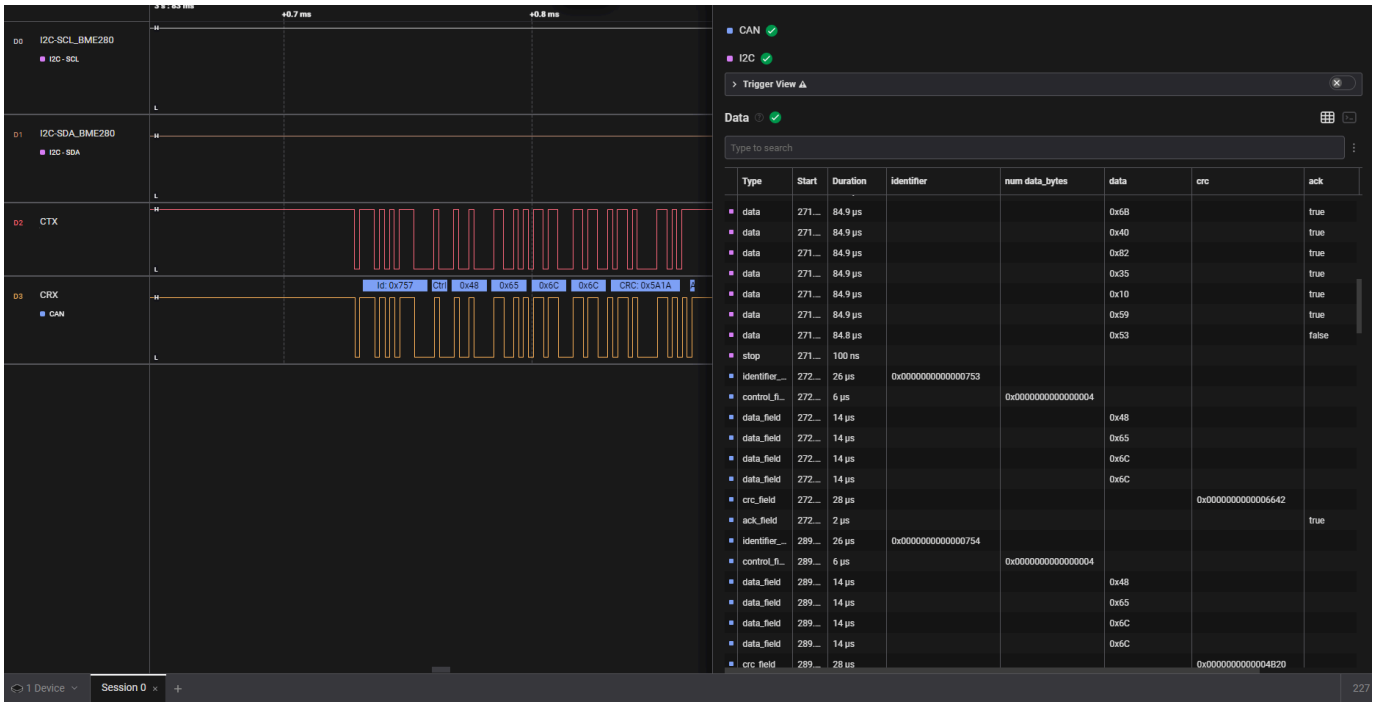
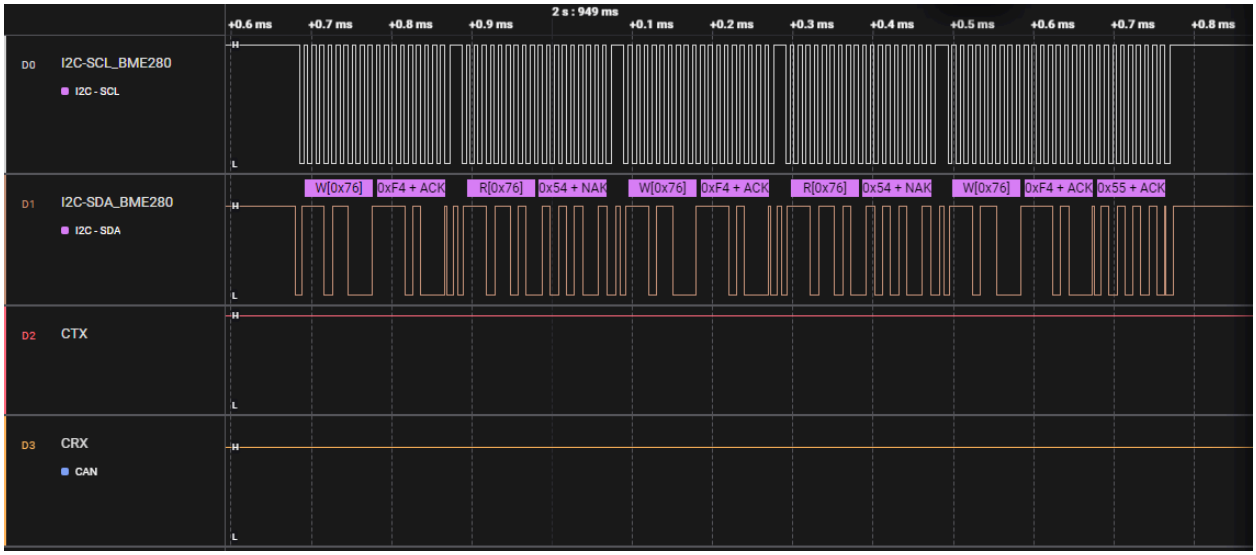
Лабораторна Робота CAN

Скріни з LA, які показують, що ми бачимо три девайси і вони між собою комунікують






+0.7 ms
+0.8 ms
D0 I2C-SCL_BME280
I2C - SCL
D1 I2C-SDA_BME280
I2C - SDA
D2 CTX
D3 CRX
CAN
Id: 0x757
Ctrl
0x48
0x65
0x6C
0x6C
CRC: 0x5A1A
CAN
I2C
Trigger View
Data
Type to search
Type
Start
Duration
identifier
num data_bytes
data
crc
ack
data 271.... 84.9 µs 0x6B true
data 271.... 84.9 µs 0x40 true
data 271.... 84.9 µs 0x82 true
data 271.... 84.9 µs 0x35 true
data 271.... 84.9 µs 0x10 true
data 271.... 84.9 µs 0x59 true
data 271.... 84.8 µs 0x53 false
stop 271.... 100 ns
identifier_... 272.... 26 µs 0x0000000000000753
control_fi... 272.... 6 µs 0x0000000000000004
data_field 272.... 14 µs 0x48
data_field 272.... 14 µs 0x65
data_field 272.... 14 µs 0x6C
data_field 272.... 14 µs 0x6C
crc_field 272.... 28 µs 0x0000000000006642
ack_field 272.... 2 µs true
identifier_... 289.... 26 µs 0x0000000000000754
control_fi... 289.... 6 µs 0x0000000000000004
data_field 289.... 14 µs 0x48
data_field 289.... 14 µs 0x65
data_field 289.... 14 µs 0x6C
data_field 289.... 14 µs 0x6C
crc_field 289.... 28 µs 0x000000000000 4B20
1 Device
Session 0
227


2 s : 949 ms
+0.6 ms
+0.7 ms
+0.8 ms
+0.9 ms
+0.1 ms
+0.2 ms
+0.3 ms
+0.4 ms
+0.5 ms
+0.6 ms
+0.7 ms
+0.8 ms
D0 I2C-SCL_BME280
I2C - SCL
D1 I2C-SDA_BME280
I2C - SDA
W[0x76]
0xF4 + ACK
R[0x76]
0x54 + NAK
W[0x76]
0xF4 + ACK
R[0x76]
0x54 + NAK
W[0x76]
0xF4 + ACK
0x55 + ACK
D2 CTX
D3 CRX
CAN

Скріни з STM32CubeIDE, як свідоцтво того, що дані з сенсора валідно читаються, “в кан заходимо”: