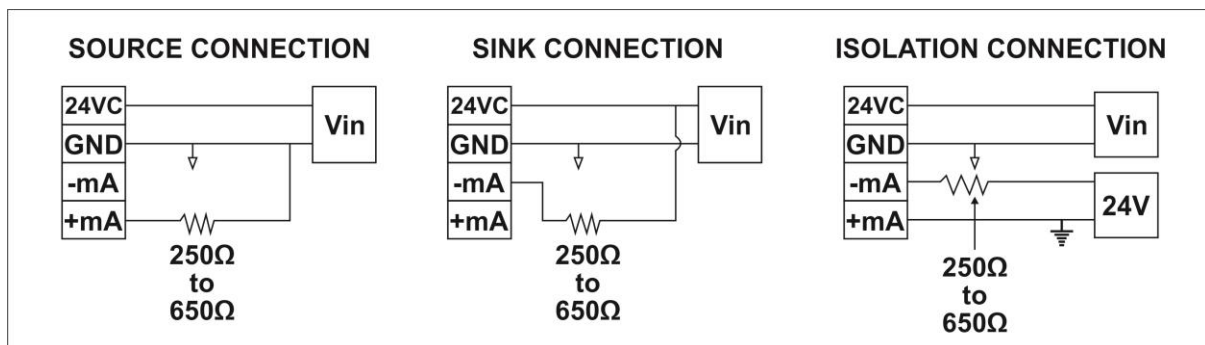


Please check the details here on how we connect the source, sink, and isolation connections with the device. We are connecting a 500-ohm resistor externally.



"I have checked the waveform on the CRO while keeping the sink and source connections. We are successfully communicating with HART through the sink connection. Here you can find detailed waveform information of Sink connection.

Image 1.

Transmitter connect in SINK mode CRO prob connect across 500 ohm resistor and receiving query and response signal.

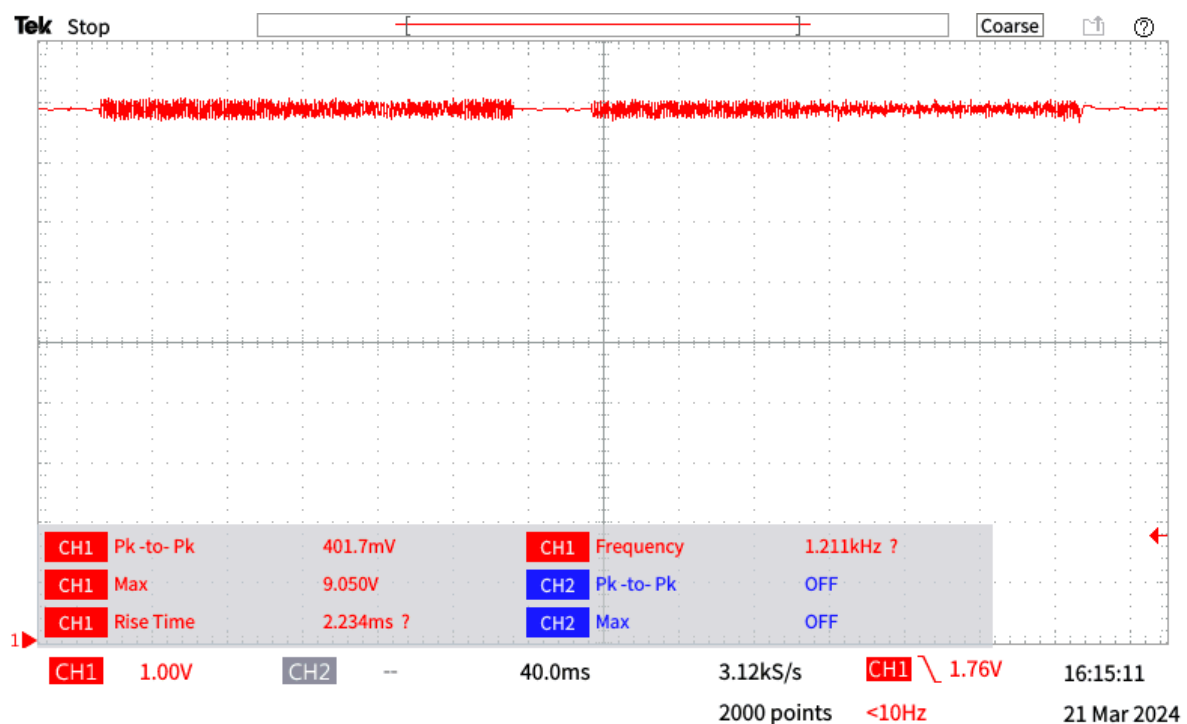
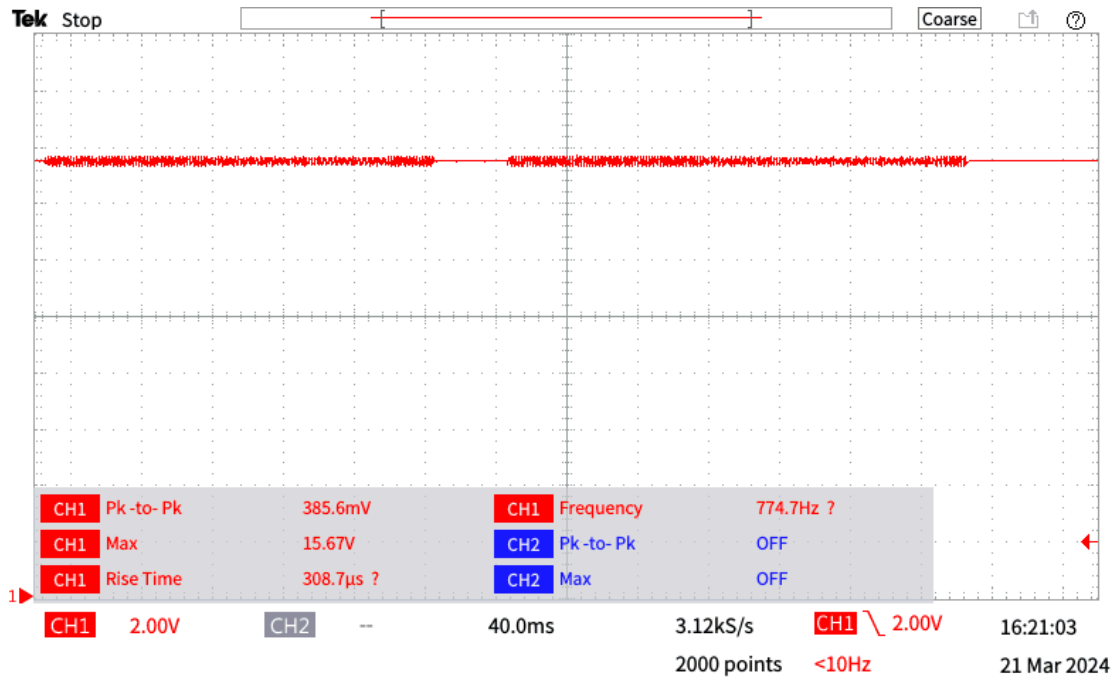


Image 2.

Transmitter connect in SINK mode CRO prob connect across P1 PIN 1 AND PIN 2. and receiving query and response signal.



.Image 3.

Transmitter connect in SINK mode CRO prob connect across HART\_MOD\_IN with respect to DGND. and receiving query and response signal.

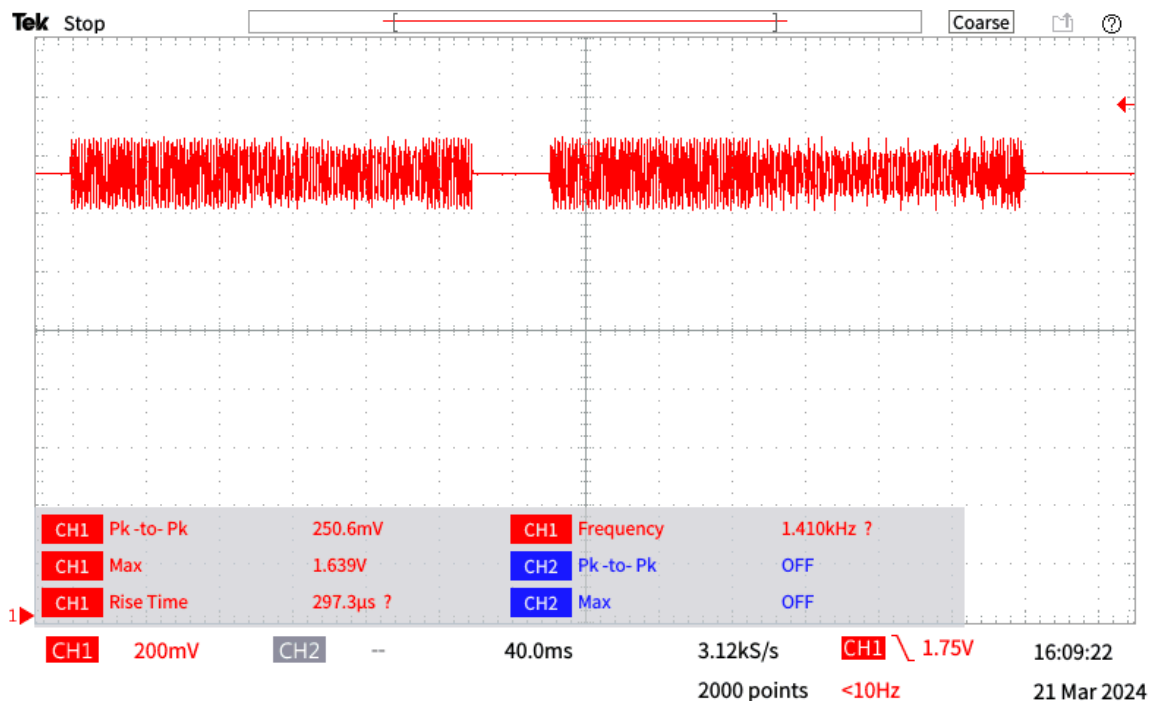


Image 4.

Transmitter connect in SINK mode CRO prob connect across HART\_MOD\_IN with respect to GND. and receiving query and response signal.

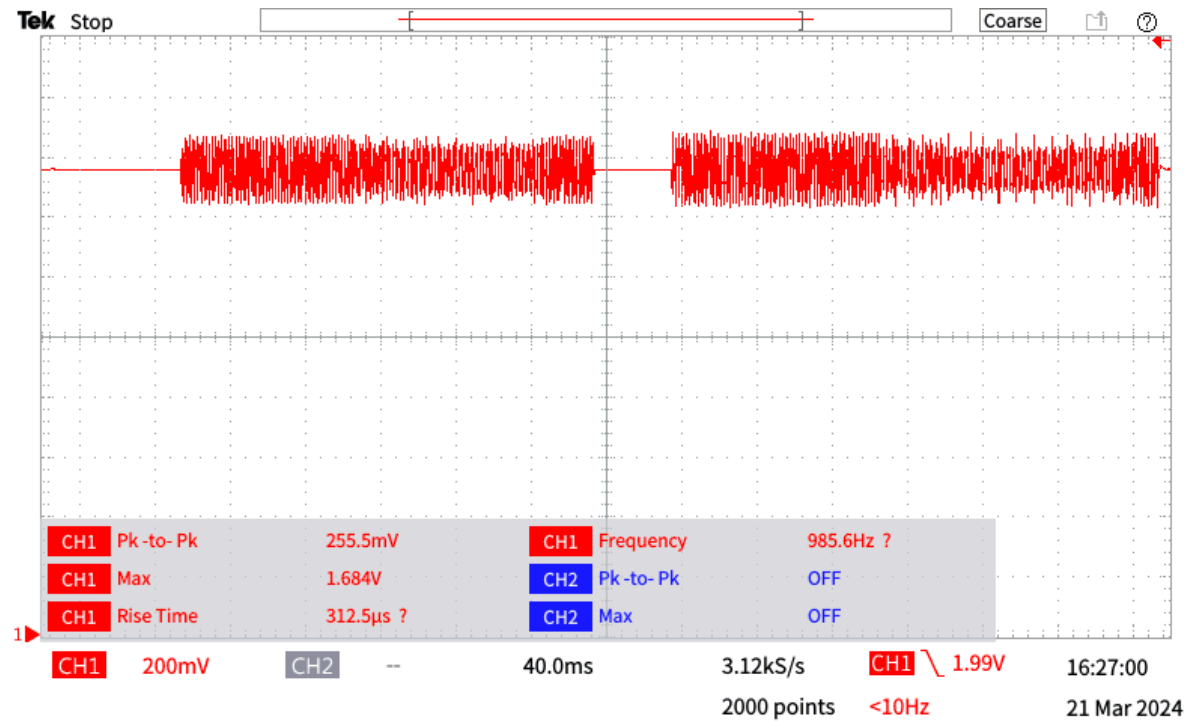


Image 5.

Transmitter connect in SOURCE mode CRO prob connect across 500 ohm resistor and only query sending waveform display on CRO.

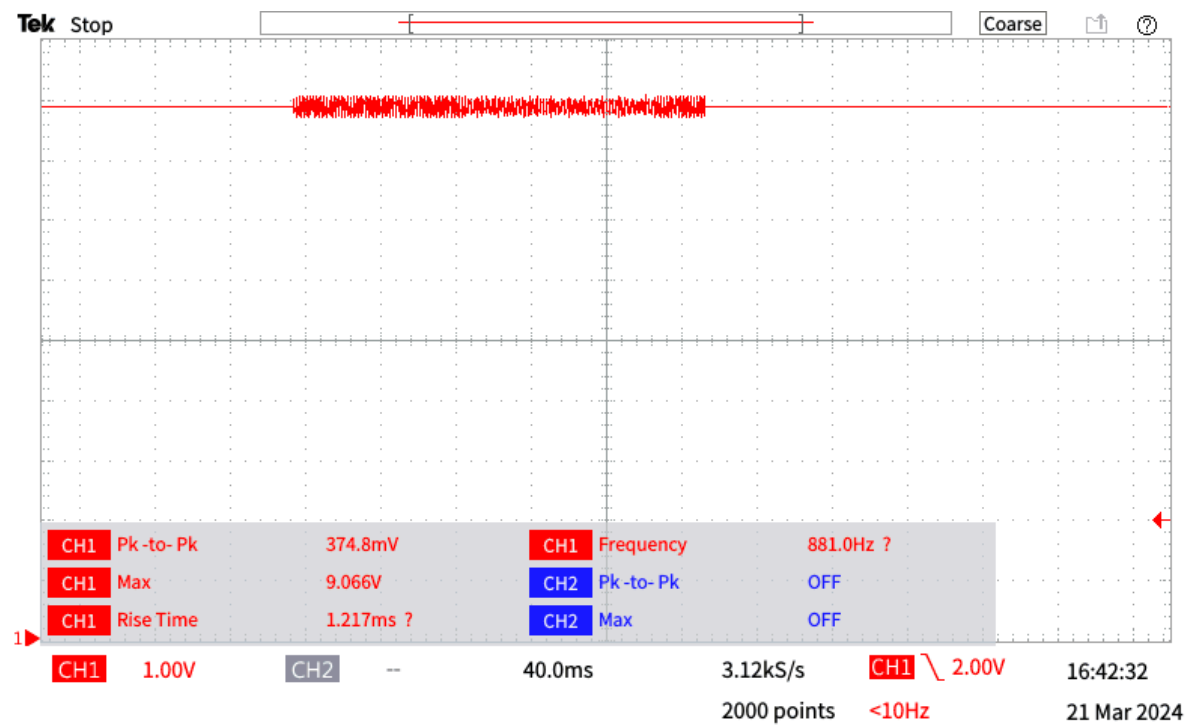


Image 6.

Transmitter connect in SOURCE mode CRO prob connect across P1 PIN 1 AND PIN 2. and only query sending waveform display on CRO.

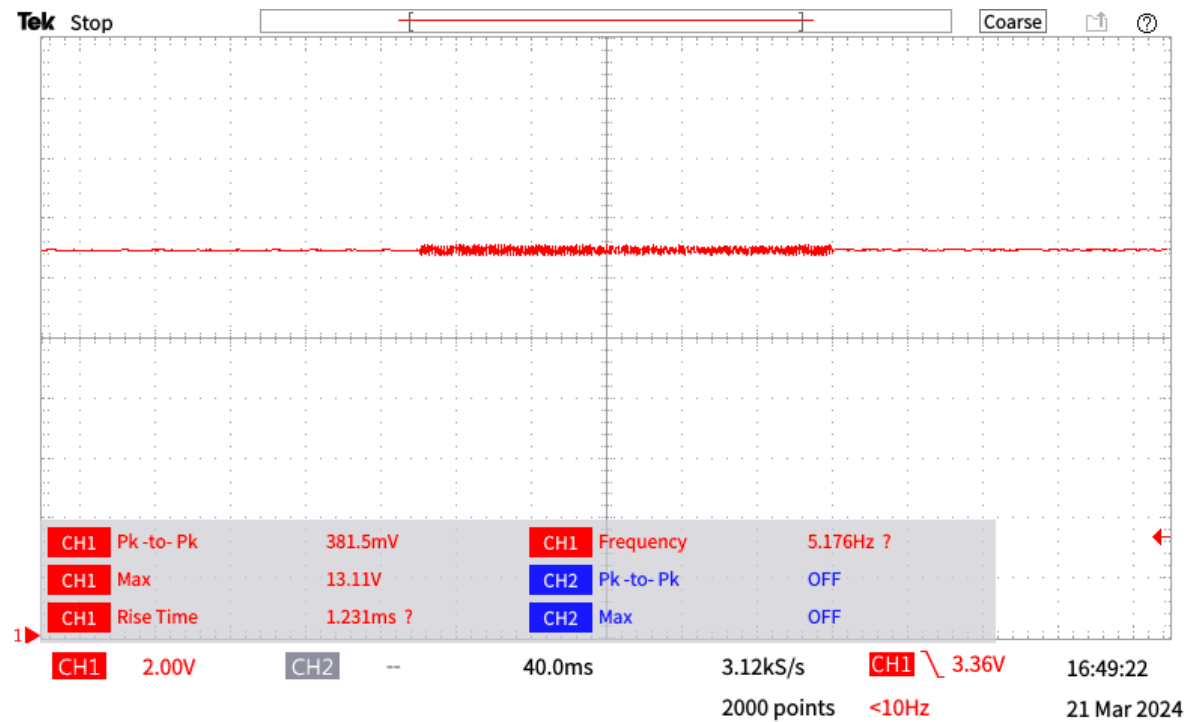


Image 7

**Transmitter connect in SOURCE mode CRO prob connect across HART\_MOD\_IN with respect to DGND. No signal received.**

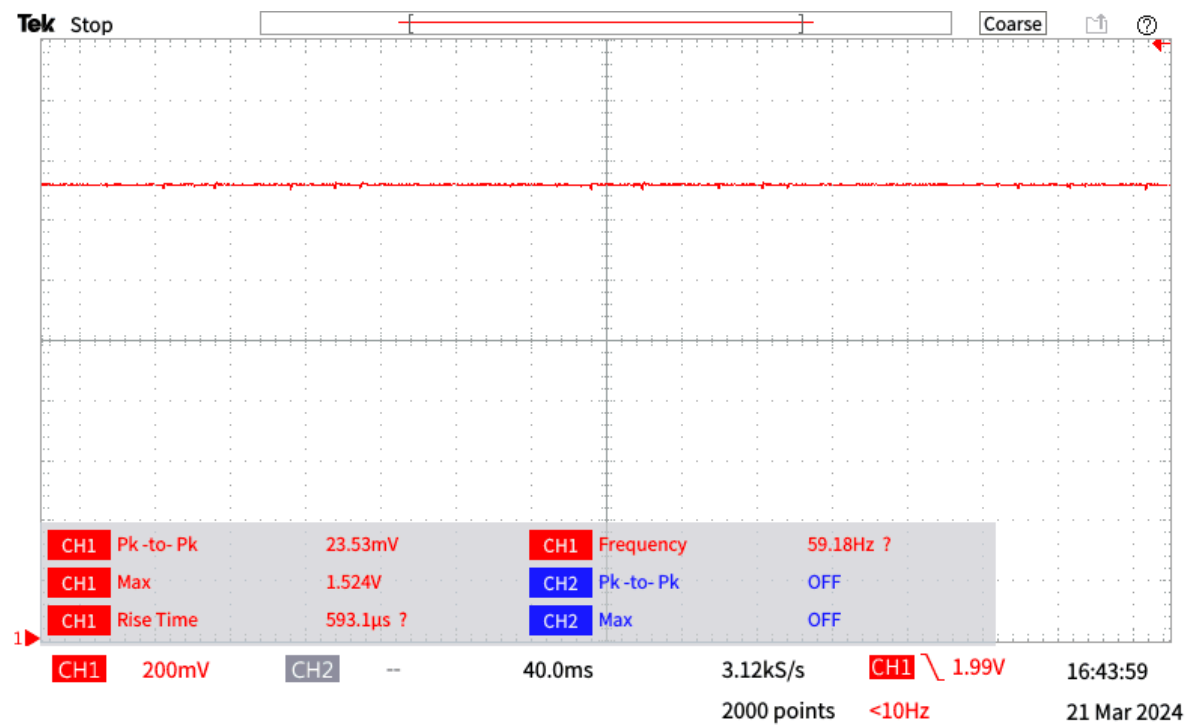


Image 8.

**Transmitter connect in Source mode CRO prob connect across HART\_MOD\_IN with respect to GND. and No any signal received.**

