## Description of Unusual Cases

**\_pureTX\_:** data was recorded by the microphone of the RPi which transmit the signals.

**\_pureRX\_:** data was recorded by the microphone of the RPi which does not transmit the signals.

For the data with **\_pureRX\_:**

**RawData\_pureRX\_270cm\_facingUp**: two devices with distance 270 cm. Both devices (speaker and mic) face up.

**RawData\_pureRX\_310cm\_NLOS10R**: two devices with distance 310 cm. There is one block with 10 cm from the receiver RPi.

**RawData\_pureRX\_310cm\_NLOS10T**: two devices with distance 310 cm. There is one block with 10 cm from the transmitter RPi.

**RawData\_pureRX\_310cm\_NLOS50T**: two devices with distance 310 cm. There is one block with 50 cm from the transmitter RPi.

**RawData\_pureRX\_330cm\_facingBackR**: two devices with distance 330 cm. The receiver RPi faces back to the transmitter RPi.

**RawData\_pureRX\_330cm\_NLOS10R\_facingBackT**: two devices with distance 330 cm. There is one block with 10 cm from the receiver RPi. The transmitter RPi faces back to the receiver RPi.

**RawData\_pureRX\_330cm\_NLOS10T\_facingBackR**: two devices with distance 330 cm. There is one block with 10 cm from the transmitter RPi. The receiver RPi faces back to the transmitter RPi.

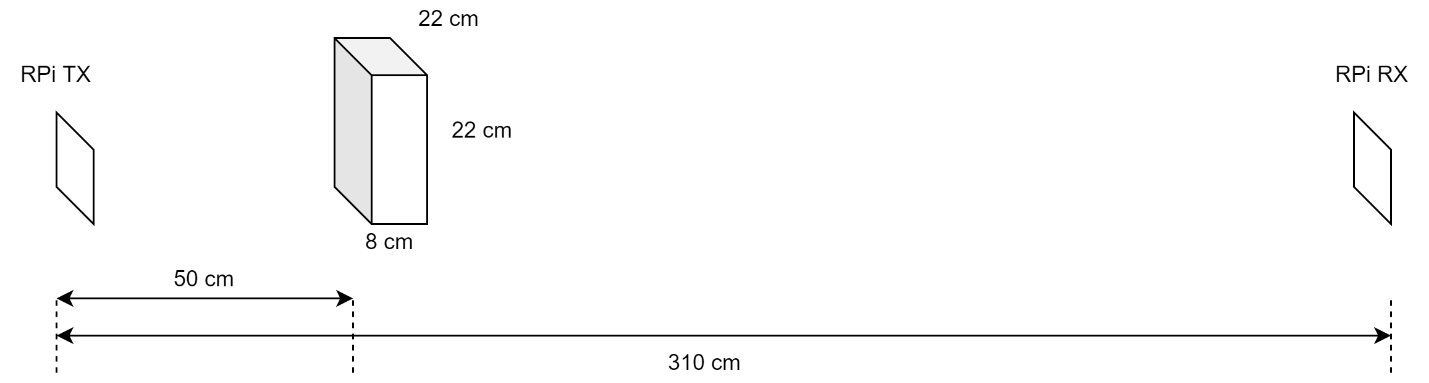


Figure : RawData\_pureRX\_310cm\_NLOS50T

