

1 Common Issues

1.1 Microphone Setup

1.1.1 Adaptive Gain Control on Windows

Symptom The microphone input volume is automatically adjusted by the operating system. The received constellation has a good SNR at first and then shrinks.

Solution Disable the automatic gain control in the microphone settings.

- Right click on the speaker icon in the taskbar and select **Sound**.
- Open the **Recording** tab
- Right click on the loudspeaker and select **Property**
- Under **Custom** un-tick **AGC**

1.1.2 Noise Cancellation

Symptom The transmitted signal does not appear in the recording plot (no matter the volume).

Solution Use the provided microphone or disable any noise cancellation feature in the microphone settings of your computer.