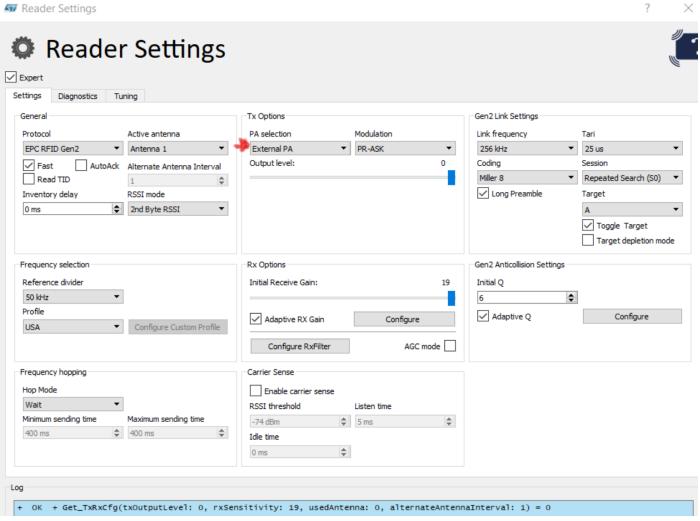
STReader tool ST25RU3993 GUI guide

Link to st.com to download demo app - https://www.st.com/en/embedded-software/stsw-st25ru001.html#get-software

Link to demo tutorial video - https://www.st.com/en/nfc/st25ru3993.html#overview

- Install st25ru3993 software
- 2. Connect st25ru3993 eval board to PC
- Open st25ru3993, click "Connect Reader."
- 4. Update the firmware to the version recommended by the GUI
- 5. Set the parameters as this (Adjust TX Output level to 0, Rx Receive Gain to 19)



- 6. Go to tuning and deactivate pretuning and retuning. In tuning section, select exact search and click tune.
- 7. Setup the tags and conduct a read range test.

Note:

❖ When there are too many tags within the reading range, the select option at the bottom of the GUI allows users to find/read only one tag. It selects the tag based on the entered

	Select						
	Select	O EPC:	Mask			MaskAddr	
	Invert Mask	O TID:				U	¥
EPC.							

❖ There are a couple of tuning options: the fast search should take the least time for inventory, and the exact search takes the longest time to find the tag but has the longest read range.

E.g. e2-80-11-60-60-00-02-05-4d-72-25-8a

The reader range is able to achieve 7 meter in the hallway. It takes 2 seconds to recognize the tag.

