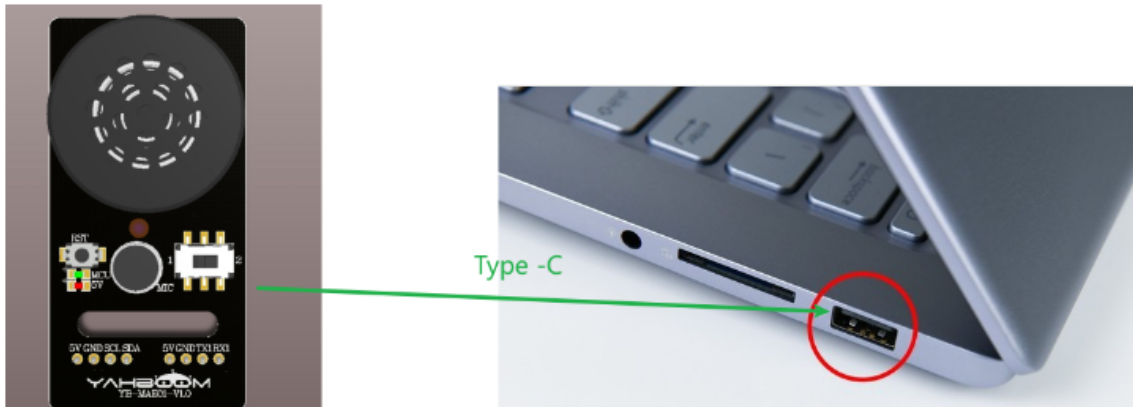


PC serial communication

1. Device connection

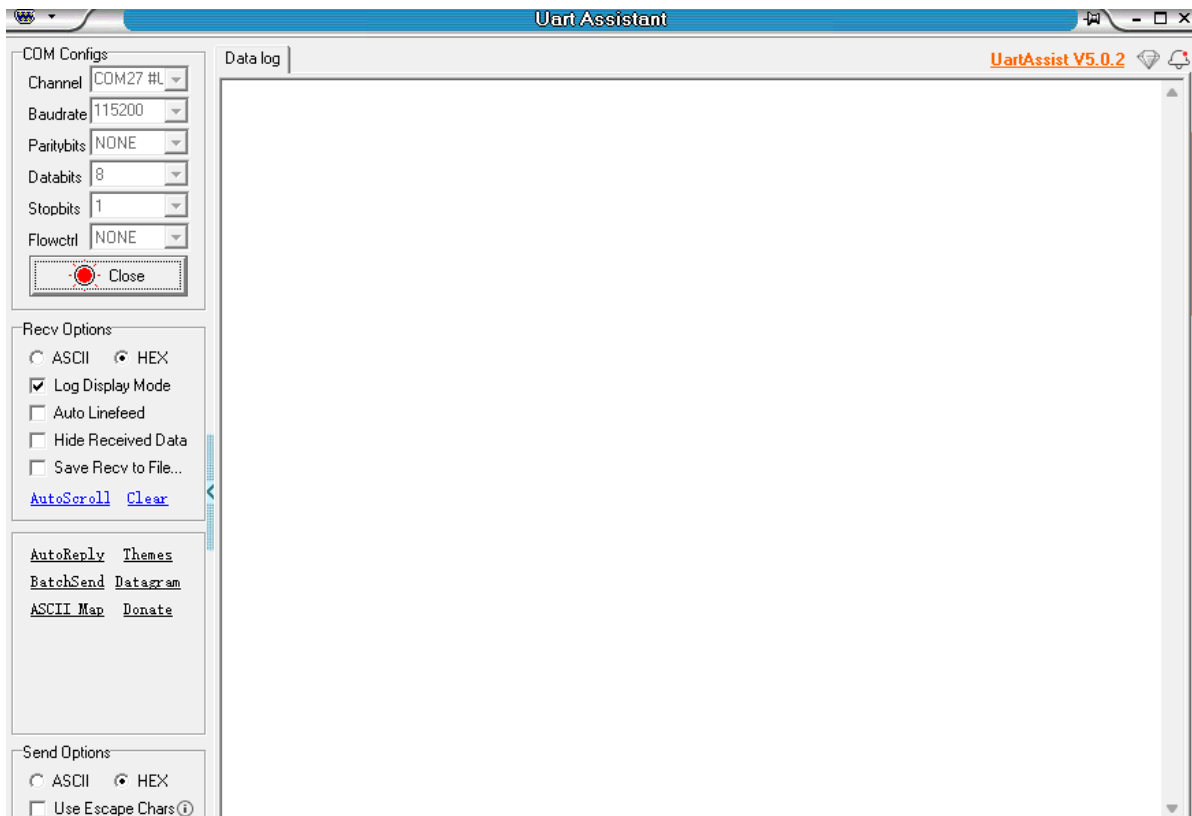


2. Slide the module to STC8 serial mode



3. Open the serial debugging assistant

- Open Uart Assistant, select the corresponding serial port number, and the baud rate is 115200,

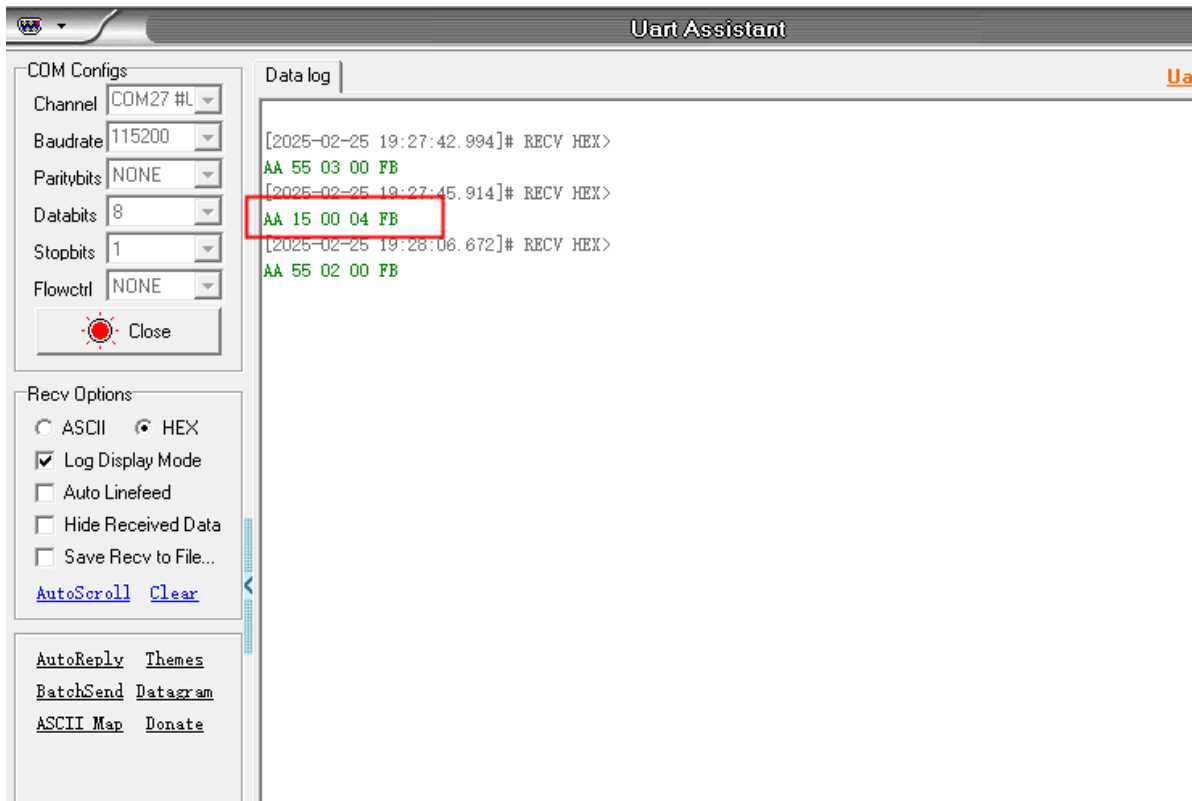


- Open the **Command Word Broadcast Word Protocol List V3_EN** file in the attachment

Voice interaction module > Appendix >

Name	Date modified	Type	Size
Communication Protocol	3/7/2025 12:10 PM	File folder	
Factory firmware	3/7/2025 12:10 PM	File folder	
Python driver library	3/7/2025 12:02 PM	File folder	
Serial port debugging assistant	3/7/2025 12:02 PM	File folder	
Source Code	3/7/2025 6:25 PM	File folder	
STC8H firmware burning tool	3/7/2025 12:10 PM	File folder	
Voice chip data, parameter manual	3/7/2025 12:03 PM	File folder	
Voice chip firmware burning tool	3/7/2025 6:17 PM	File folder	
Command Word Broadcast Word Protoc...	3/7/2025 6:06 PM	XLSX 工作表	

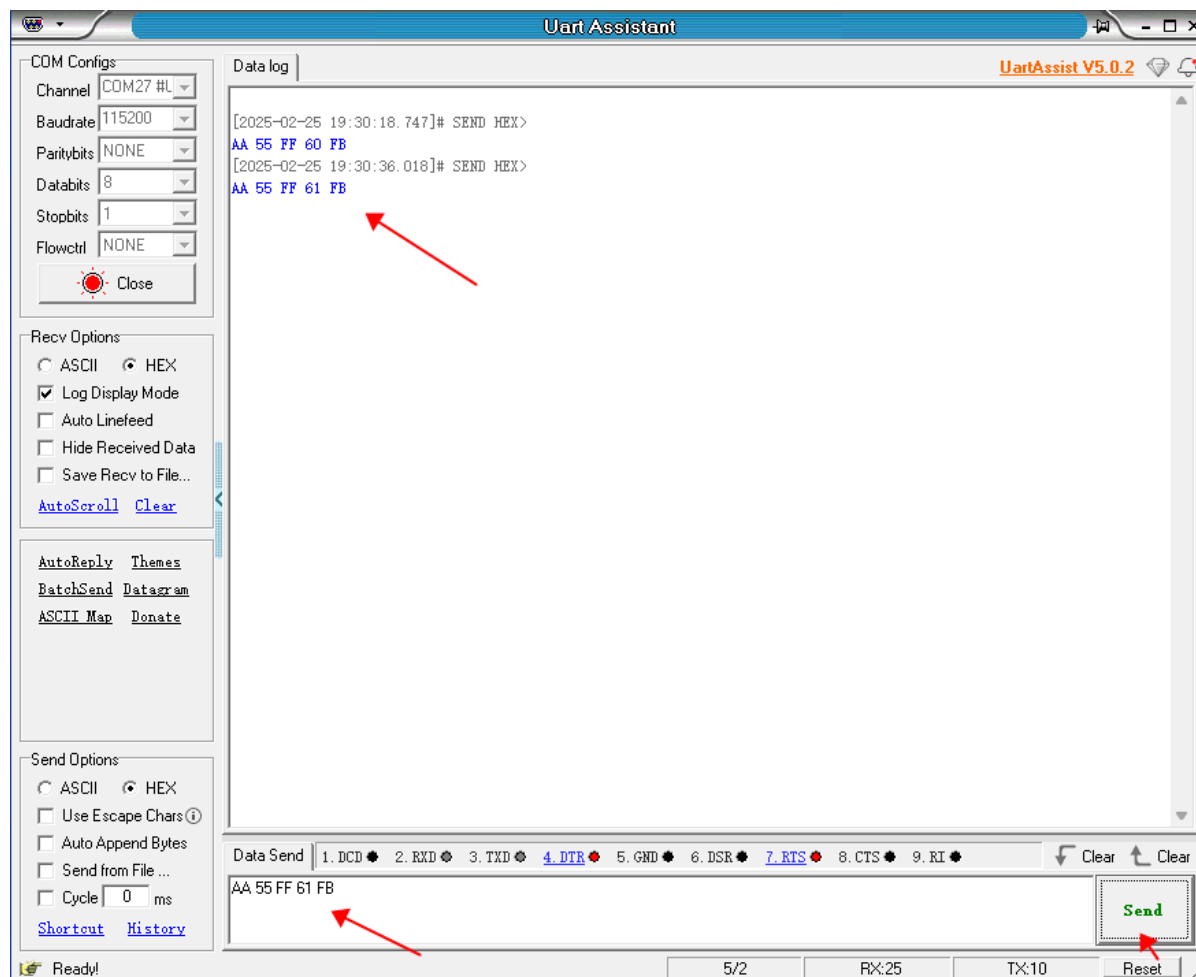
- When we say "Go ahead", the serial port debugging assistant will print out the corresponding protocol



11	KUBUI-STOP	命令词	ok i am stop	主	AA 55 00 01 FB	AA 55 00 01 FB
12	STOP	命令词	ok i am stop	主	AA 55 00 02 FB	AA 55 00 02 FB
13	ROBOT-SLEEP	命令词	ok dormant	主	AA 55 00 03 FB	AA 55 00 03 FB
14	GO-AHEAD	命令词	ok let's go	主	AA 55 00 04 FB	AA 55 00 04 FB
15	BACK	命令词	ok i am back	主 Active	AA 55 00 05 FB	AA 55 00 05 FB
16	TURN-LEFT	命令词	ok i am turning left	主	AA 55 00 06 FB	AA 55 00 06 FB
17	TURN-RIGHT	命令词	ok i am turning right	主	AA 55 00 07 FB	AA 55 00 07 FB

- According to the **Command Word Broadcast Word Protocol List V3_EN** file, enter the corresponding command, and the voice module broadcasts the text of the corresponding protocol

84	THIS-IS-RED	命令词	this is red	被	AA 55 FF 5F FB	AA 55 FF 5F FB
85	THIS-IS-BLUE	命令词	this is blue	被	AA 55 FF 60 FB	AA 55 FF 60 FB
86	THIS-IS-GREEN	命令词	this is green	被	AA 55 FF 61 FB	AA 55 FF 61 FB
87	THIS-IS-YELLOW	命令词	this is yellow	被	AA 55 FF 62 FB	AA 55 FF 62 FB
88	THERE-IS-YELLOW	命令词	there is yellow	被 Passive	AA 55 FF 63 FB	AA 55 FF 63 FB
89	THERE-IS-GREEN	命令词	there is green	被	AA 55 FF 64 FB	AA 55 FF 64 FB
90	THERE-IS-BLUE	命令词	there is blue	被	AA 55 FF 65 FB	AA 55 FF 65 FB
91	THERE-IS-RED	命令词	there is red	被	AA 55 FF 66 FB	AA 55 FF 66 FB
92	I-AM-READY	命令词	i am ready	被	AA 55 FF 67 FB	AA 55 FF 67 FB
93	WHICH-IS-THE-FIRST-COLOR-TO-SORT	命令词	Which is the first color to sort	被	AA 55 FF 68 FB	AA 55 FF 68 FB



You can hear the normal broadcast of the voice module.