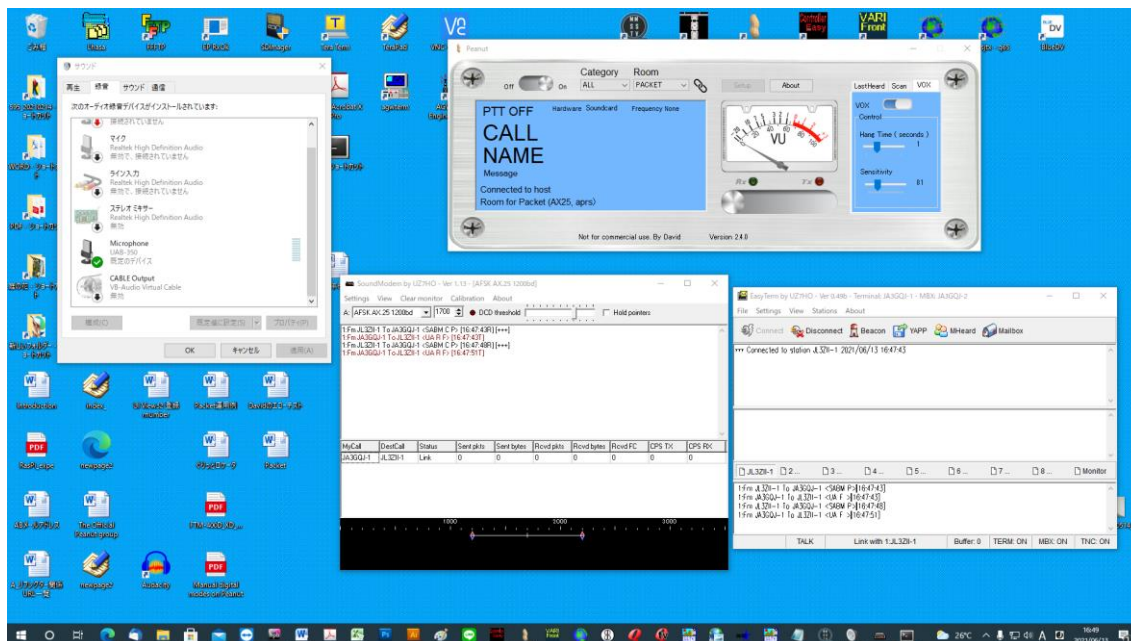


## Packet software test without com0com and VB-Audio Virtual Cable at station JA3GQJ

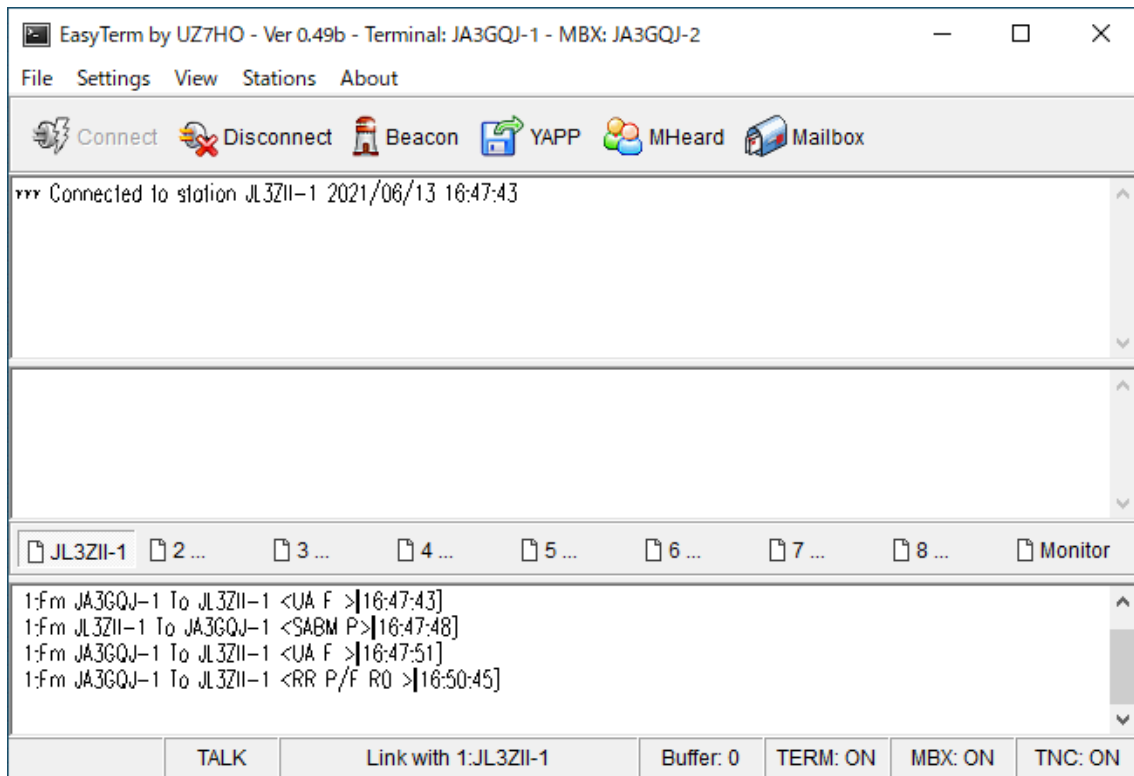
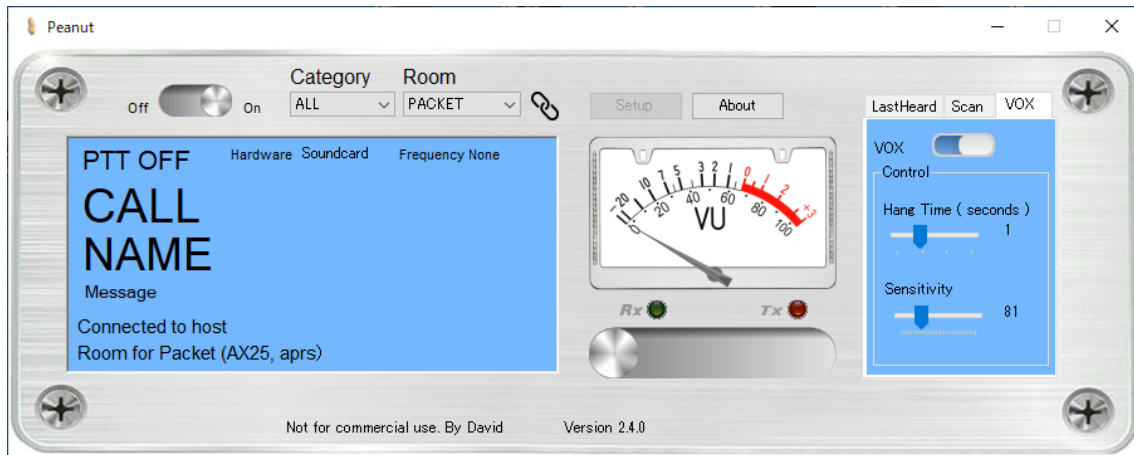
As of 13 June 2021

Today, for the time being, I installed the packet software in two stations(JA3GQJ and JL3ZII) and made simple settings for each. After that, in the PACKET room, Two stations made connection requests each other and confirmed that they accepted the request each other. I think it's too early to come to a conclusion, but if you don't use a wireless transceiver and only use Peanut, you don't need "com0com" and Peanut's VOX function is working effectively. And the VOX settings weren't very critical. It might be convenient to have "VB-Audio Virtual Cable", but I didn't use it because I couldn't use a physical microphone. Instead, it uses an external switch like the one on page 4 that is currently in use. I tried using "VB-Audio Virtual Cable" at another JL3ZII station. But again, I didn't use "com0com" as well.

I used the following software and Packet mode was AFSK AX25 1200bd.  
soundmodem113 and easyterm49



Below is an enlarged view of each on JA3GQ PC desktop.



SoundModem by UZ7HO - Ver 1.13 - [AFSK AX.25 1200bd]

Settings View Clear monitor Calibration About

A: AFSK AX.25 1200bd 1700 DCD threshold  Hold pointers

1:Fm JL3ZII-1 To JA3GQJ-1 <SABM C P> [16:47:43R] [+++]  
 1:Fm JA3GQJ-1 To JL3ZII-1 <UA R F> [16:47:43T]  
 1:Fm JL3ZII-1 To JA3GQJ-1 <SABM C P> [16:47:48R] [+++]  
 1:Fm JA3GQJ-1 To JL3ZII-1 <UA R F> [16:47:51T]

MyCall	DestCall	Status	Sent pkts	Sent bytes	Rcvd pkts	Rcvd bytes	Rcvd FC	CPS TX	CPS RX
JA3GQJ-1	JL3ZII-1	Link	0	0	0	0	0	0	0

1000 2000 3000

サウンド

再生 録音 サウンド 通信

次のオーディオ録音デバイスがインストールされています:

- 接続されていません
- マイク  
Realtek High Definition Audio  
無効で、接続されていません
- ライン入力  
Realtek High Definition Audio  
無効で、接続されていません
- ステレオ ミキサー  
Realtek High Definition Audio  
無効
- Microphone  
UAB-350  
既定のデバイス
- CABLE Output  
VB-Audio Virtual Cable  
無効

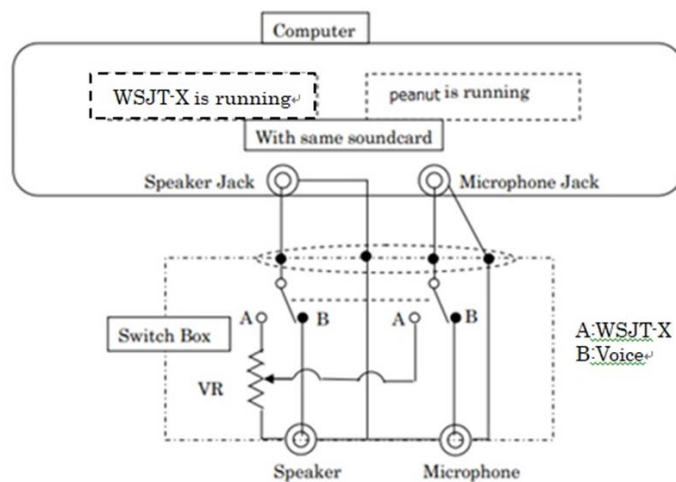
構成(C) 既定値に設定(S) プロパティ(P)

OK キャンセル 適用(A)



The following external circuit was used in place of VB-Audio Virtual Cable

External signal changeover switch<sup>1)</sup>

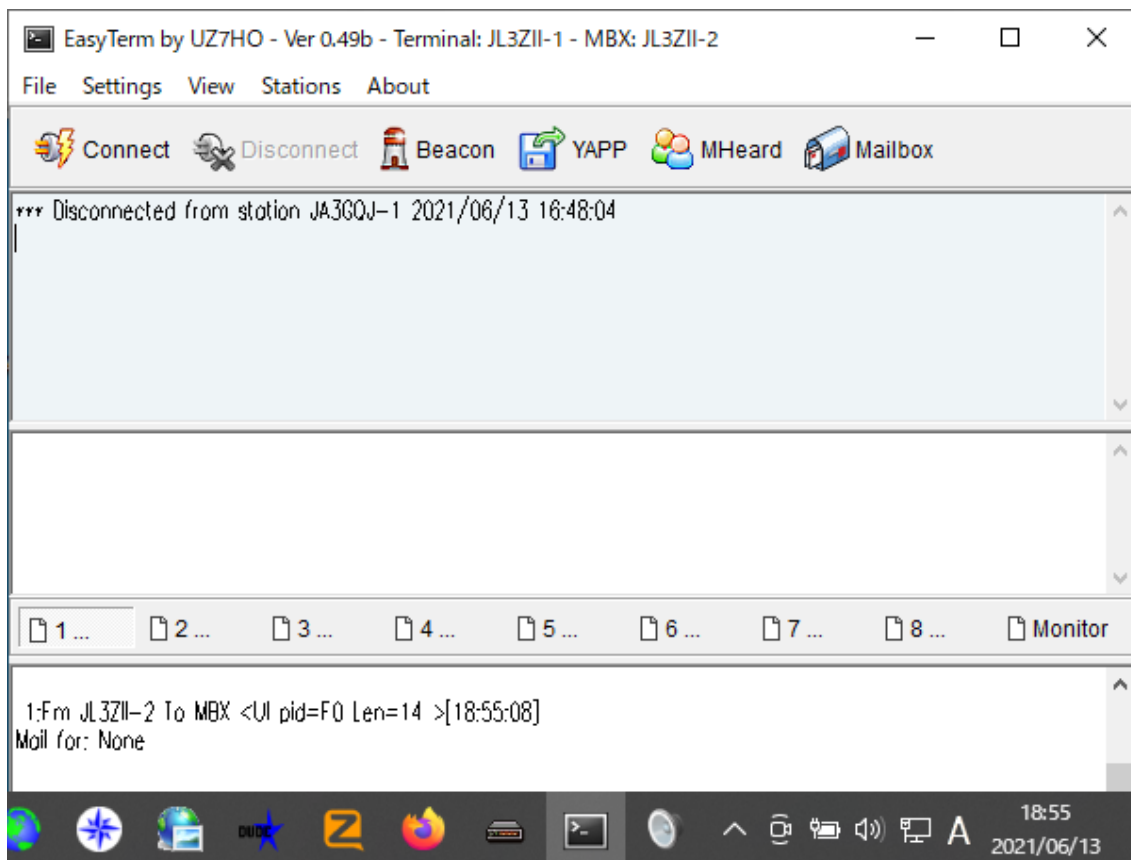
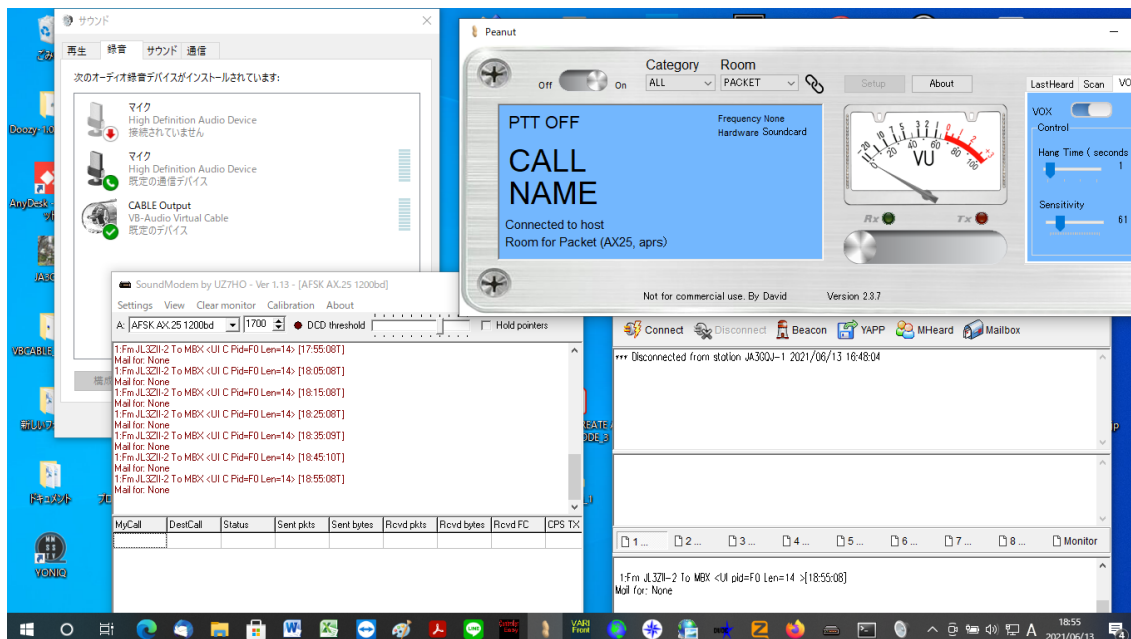


Note

1. This is my way
2. There are many other way.
3. The VR may not be necessary.

## Packet software test without VB-Audio Virtual Cable at station JL3ZII

Below is an overall view of the JL3ZIIPC desktop and an enlarged view of each.



SoundModem by UZ7HO - Ver 1.13 - [AFSK AX.25 1200bd]

Settings View Clear monitor Calibration About

A: AFSK AX.25 1200bd 1700 DCD threshold  Hold pointers

1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [17:55:08T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:05:08T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:15:08T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:25:08T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:35:09T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:45:10T]  
 Mail for: None  
 1:Fm JL3ZII-2 To MBX <UI C Pid=F0 Len=14> [18:55:08T]  
 Mail for: None

MyCall	DestCall	Status	Sent pkts	Sent bytes	Rcvd pkts	Rcvd bytes	Rcvd FC	CPS TX



