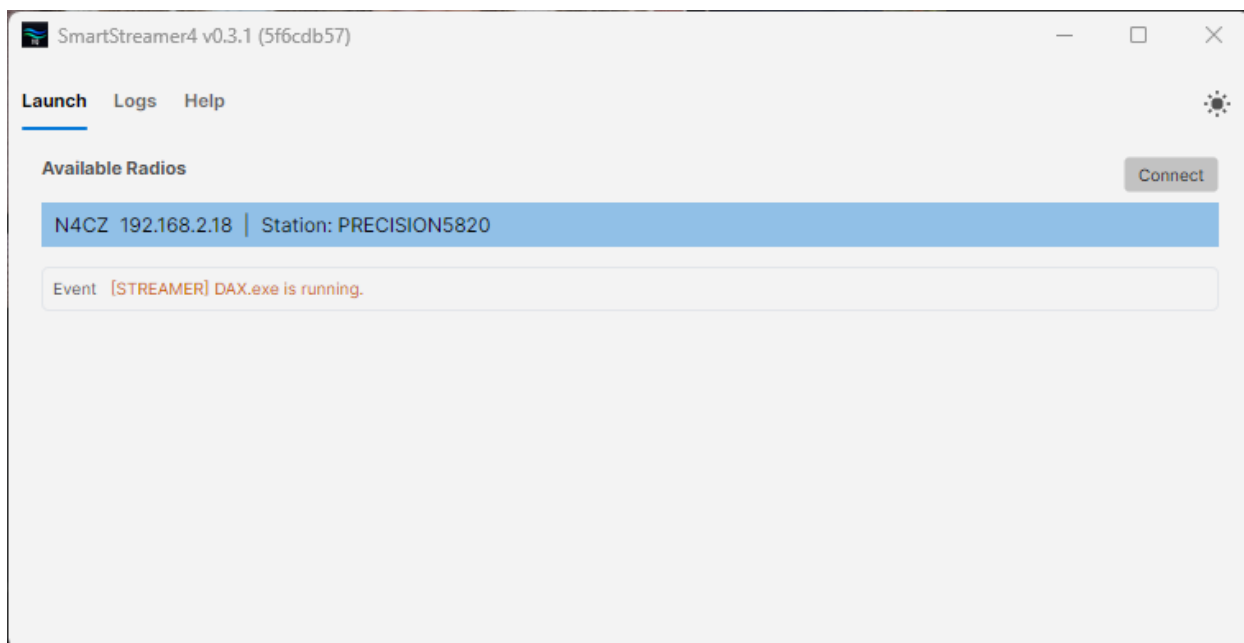




On the Launch menu I select Connect

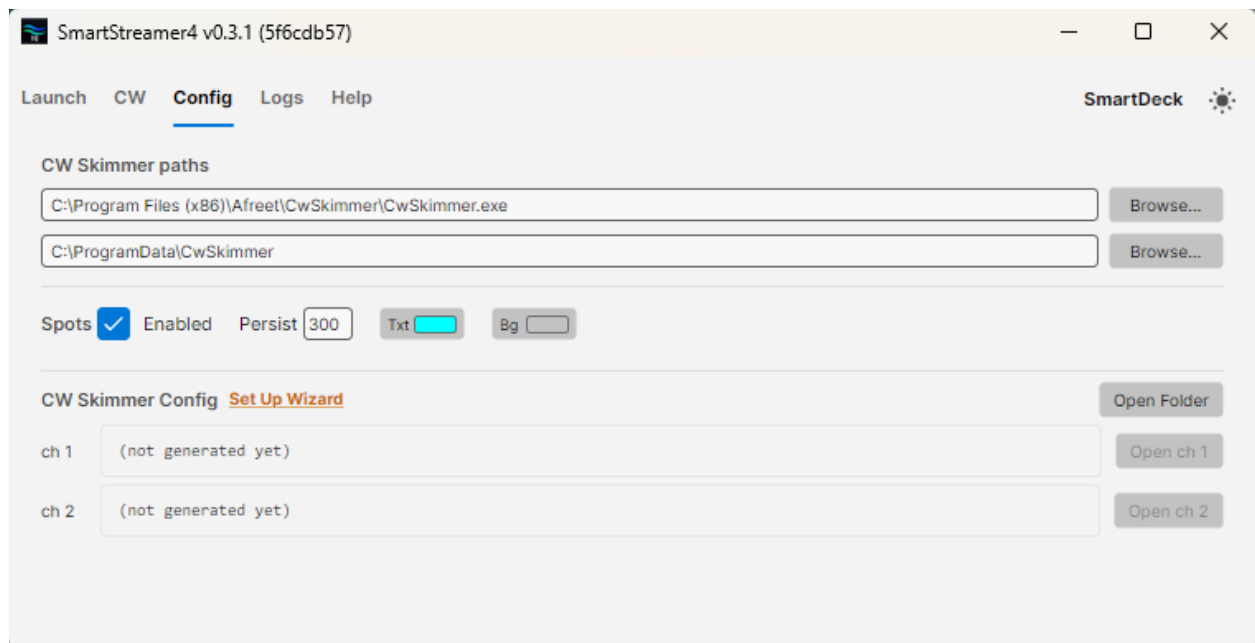


On the CW menu I select start. CW skimmer does not launch.

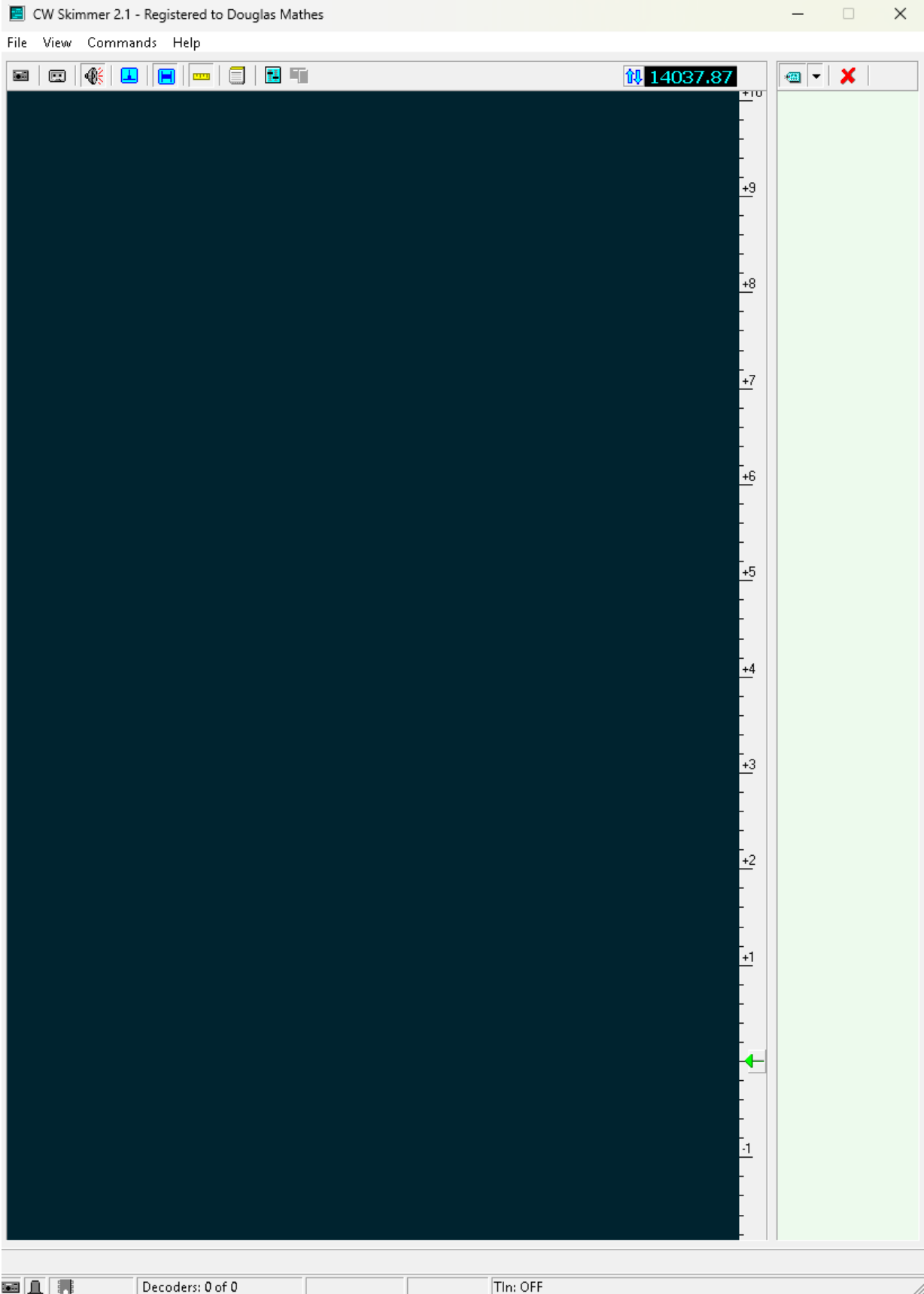


I select Start again. I get an error message.





Set Up Wizard does launch CW Skimmer



Settings

Radio | Audio | Misc. | Operator | Network | Calls

Hardware Type

☐ 3-kHz Radio

☒ SoftRock

☐ SoftRock-IF

☐ SDR-IQ

☐ QS1R

☐ Mercury

☐ Perseus

LO Frequency, Hz

14049870

CW Pitch, Hz

600

Audio IF, Hz

0

Sampling Rate

☒ 48 kHz

☐ 96 kHz

☐ 192 kHz

OK Cancel

Settings

RadioAudioMiscOperatorNetworkCalls

Soundcard Driver

☒ MME☐ WDM

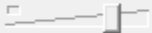
Signal I/O Device

04 DAX IQ 1 (FlexRadio DAX)

Audio I/O Device

01 Speakers (Audioengine HD3)

Audio Volume



Channels

☒ Left/Right = I / Q☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample☒ 0 samples☐ +1 sample

OK

Cancel

Settings ✕

Radio Audio Misc. Operator Network Calls

Soundcard Driver

☒ MME ☐ WDM

Signal I/O Device

12 DAX IQ 2 (FlexRadio DAX) ▾

Audio I/O Device

01 Speakers (Audioengine HD3) ▾

Audio Volume



Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample ☒ 0 samples ☐ +1 sample

OK Cancel

Settings

Radio Audio Misc. Operator Network Calls

Soundcard Driver

☒ MME ☐ WDM

Signal I/O Device

03 DAX IQ 3 (FlexRadio DAX)

Audio I/O Device

01 Speakers (Audioengine HD3)

Audio Volume

Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample ☒ 0 samples ☐ +1 sample

OK Cancel

Settings

Radio Audio Misc. Operator Network Calls

Soundcard Driver

☒ MME ☐ WDM

Signal I/O Device

01 DAX IQ 4 (FlexRadio DAX)

Audio I/O Device

01 Speakers (Audioengine HD3)

Audio Volume

Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample ☒ 0 samples ☐ +1 sample

OK Cancel

Settings ✕

Radio Audio Misc. Operator Network Calls

Soundcard Driver

☐ MME ☒ WDM

Signal I/O Device

03 DAX IQ 1

Audio I/O Device

19 Audioengine HD3

Audio Volume

Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample ☒ 0 samples ☐ +1 sample

OK Cancel

Settings

RadioAudioMiscOperatorNetworkCalls

Soundcard Driver

☐ MME☒ WDM

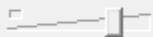
Signal I/O Device

10 DAX IQ 2

Audio I/O Device

19 Audioengine HD3

Audio Volume



Channels

☒ Left/Right = I / Q☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample☒ 0 samples☐ +1 sample

OKCancel

Settings

×

Radio

Audio

Misc.

Operator

Network

Calls

Soundcard Driver

☐ MME

☒ WDM

Signal I/O Device

14 DAX IQ 3

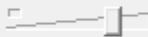
▼

Audio I/O Device

19 Audioengine HD3

▼

Audio Volume



Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample

☒ 0 samples

☐ +1 sample

OK

Cancel

Settings

Radio Audio Misc. Operator Network Calls

Soundcard Driver

☐ MME ☒ WDM

Signal I/O Device

04 DAX IQ 4

Audio I/O Device

19 Audioengine HD3

Audio Volume

Channels

☒ Left/Right = I / Q

☐ Left/Right = Q / I

Shift Right Channel Data by

☐ -1 sample ☒ 0 samples ☐ +1 sample

OK Cancel

Settings

Radio | Audio | Misc. | Operator | Network | Calls

☐ Disable Windows animation

Band Plan
IARU Region 2

☐ Decode only in the CW segments

Max. Number of CW Decoders

500

☒ Adaptive

OK Cancel

Settings

RadioAudioMiscOperatorNetworkCalls

Callsign

N4CZ

First Name

Doug

QTH

Huntsville, AL

Grid Square

EM64RP

These data will be stored with your I/Q recordings

OK

Cancel

Settings ✕

Radio | Audio | Misc. | Operator | Network | Calls

☐ Enable Telnet Server

Port:

☐ Require Password

Password:

☐ Do not send callsigns without "CQ"

☒ Allow SKIMMER commands

☐ Only to/from this User:

☐ Send Spectrum via UDP

Source Name

Destination Address

Destination Port

Settings

Radio | Audio | Misc. | Operator | Network | Calls

Callsign Validation

☐ Minimal ☒ Normal ☐ Aggressive ☐ Paranoid

Master.dta file



Callsign Colors Reflect

☒ Validation Result

☐ Status in Logger

OK Cancel

Reset Channel INI

Step 3 of 4

Step 3 - Settings, Audio Tab - Capture Device Numbers

On CW Skimmer's Audio tab, toggle the Soundcard Driver dropdown between MME and WDM. Each mode populates a different list in the Signal I/O Device dropdown directly below it - the screenshots further down show example lists. For each DAX-IQ channel, write down the position number of "DAX IQ N (FlexRadio DAX)" in BOTH the MME list and the WDM list (1 = first item, 2 = second, etc.). Numbers usually differ between modes and between PCs, which is why WDM auto-derivation isn't reliable.

Soundcard Driver mode for SmartStreamer4 launches:

☒ MME (recommended) ☐ WDM (experimental)

	MME #		WDM #
ch 1 - DAX IQ 1 (FlexRadio DAX)	4	ch 1 - DAX IQ 1	3
ch 2 - DAX IQ 2 (FlexRadio DAX)	12	ch 2 - DAX IQ 2	10
ch 3 - DAX IQ 3 (FlexRadio DAX)	3	ch 3 - DAX IQ 3	14
ch 4 - DAX IQ 4 (FlexRadio DAX)	1	ch 4 - DAX IQ 4	4

Tab order walks all four MME boxes first (ch 1 to ch 4), then all four WDM boxes (ch 1 to ch 4). Leave a cell blank to use auto-derivation. The selected mode above decides which set is applied at launch; both sets are saved either way so you can flip mode later without re-entering numbers.

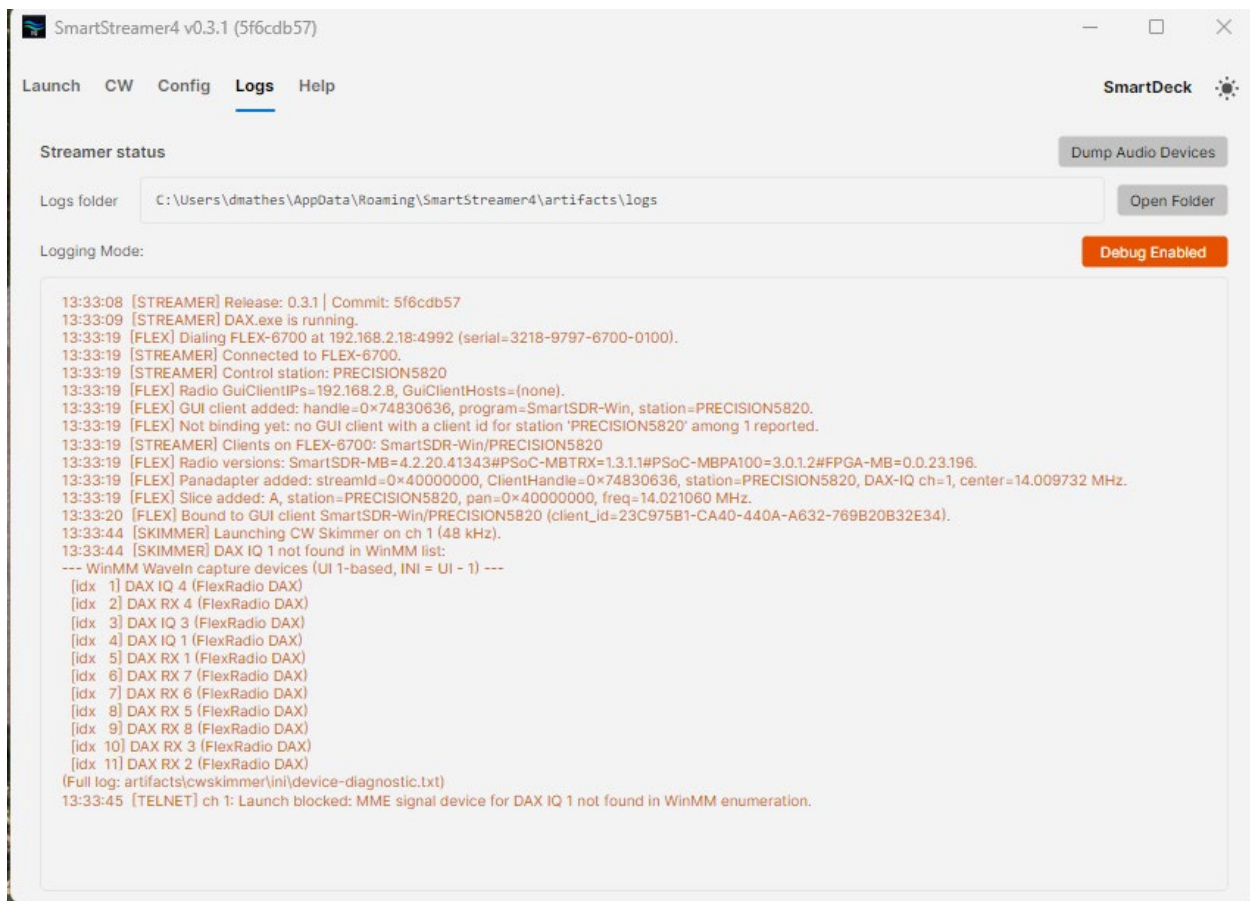
MME Signal I/O dropdown (example - your numbers may differ)

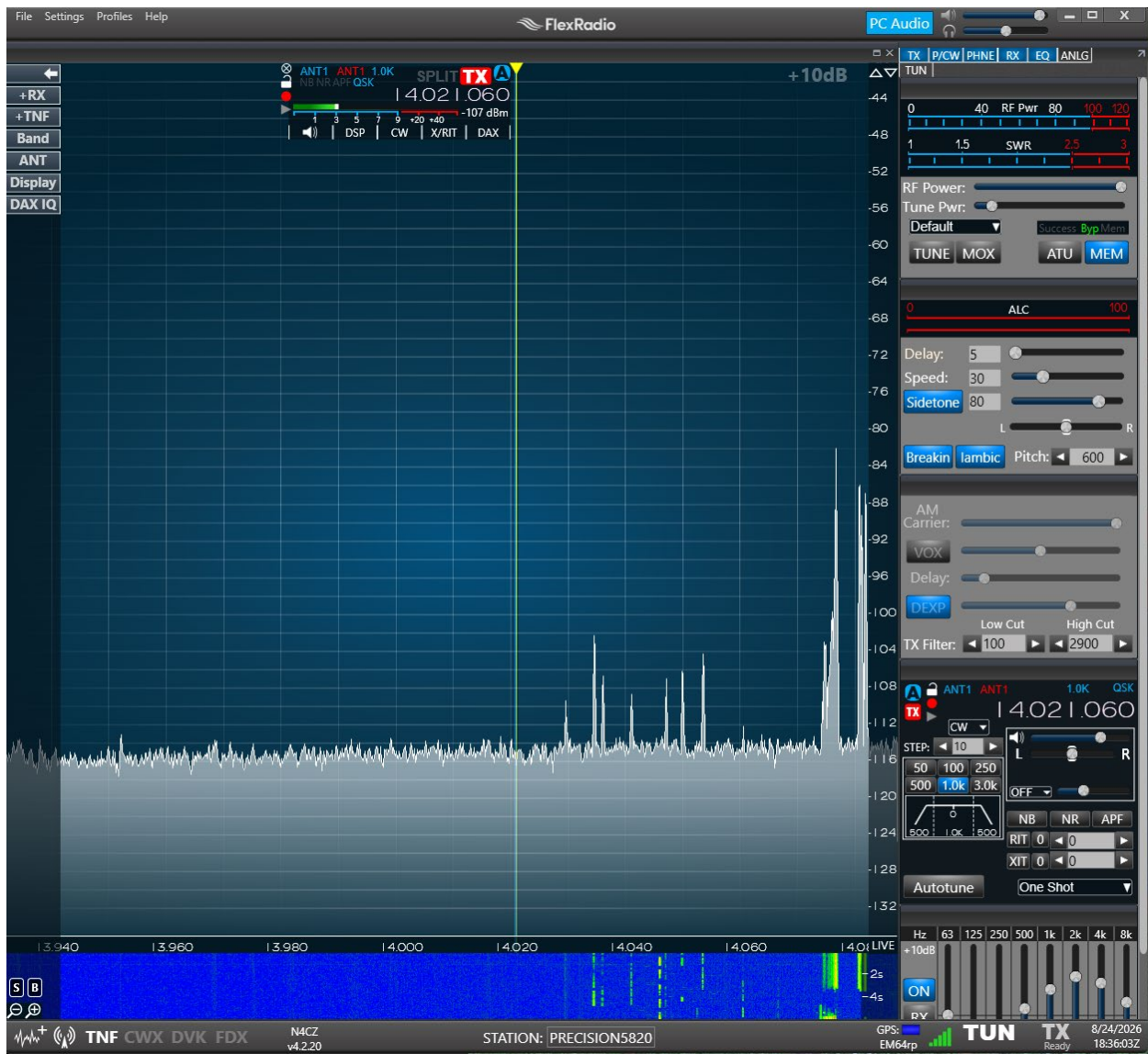
Settings

Back

Next

Cancel





SmartSDR DAX v4.2.2...

Settings

FLEX-6700
N4CZ
N4CZ

Station: PRECISION5820

TX Stream

Off DAX TX Off TX Gain: -60dB

Mic Stream

On Ready Mic Record Gain: -60dB

RX Streams

		RX Gain:
1	Slice A Ready	-60dB
2	Slice No slice	-60dB
3	Slice No slice	-60dB
4	Slice No slice	-60dB
5	Slice No slice	-60dB
6	Slice No slice	-60dB
7	Slice No slice	-60dB
8	Slice No slice	-60dB

IQ Streams

	Sample Rate:	
1	14.009732 MHz 48000	Ready
2	- 48000	No Panadapter
3	- 48000	No Panadapter
4	- 48000	No Panadapter

SmartSDR CAT v4.2.20

Settings

FLEX-6700
N4CZ
N4CZ

Station: PRECISION5820

Serial: COM4
Slice: A Auto Switch TX
Process: (None)

TCP: Port 60000
Slice: A Auto Switch TX

TCP B
TCP: Port 5003
Slice: B Not Present

TCP C
TCP: Port 5005
Slice: C Not Present

TCP D
TCP: Port 5006
Slice: D Not Present

TCP E
TCP: Port 5007
Slice: E Not Present

TCP F
TCP: Port 5008
Slice: F Not Present

TCP G
TCP: Port 60009
Slice: G Not Present

TCP H
TCP: Port 5010
Slice: H Not Present

Fldigi
Serial: COM5
Slice: B Not Present
Process: (None)

Fldigi
Serial: COM6
Slice: C Not Present
Process: (None)

Fldigi
Serial: COM7
Slice: D Not Present
Process: (None)

Fldigi
Serial: COM8
Slice: E Not Present