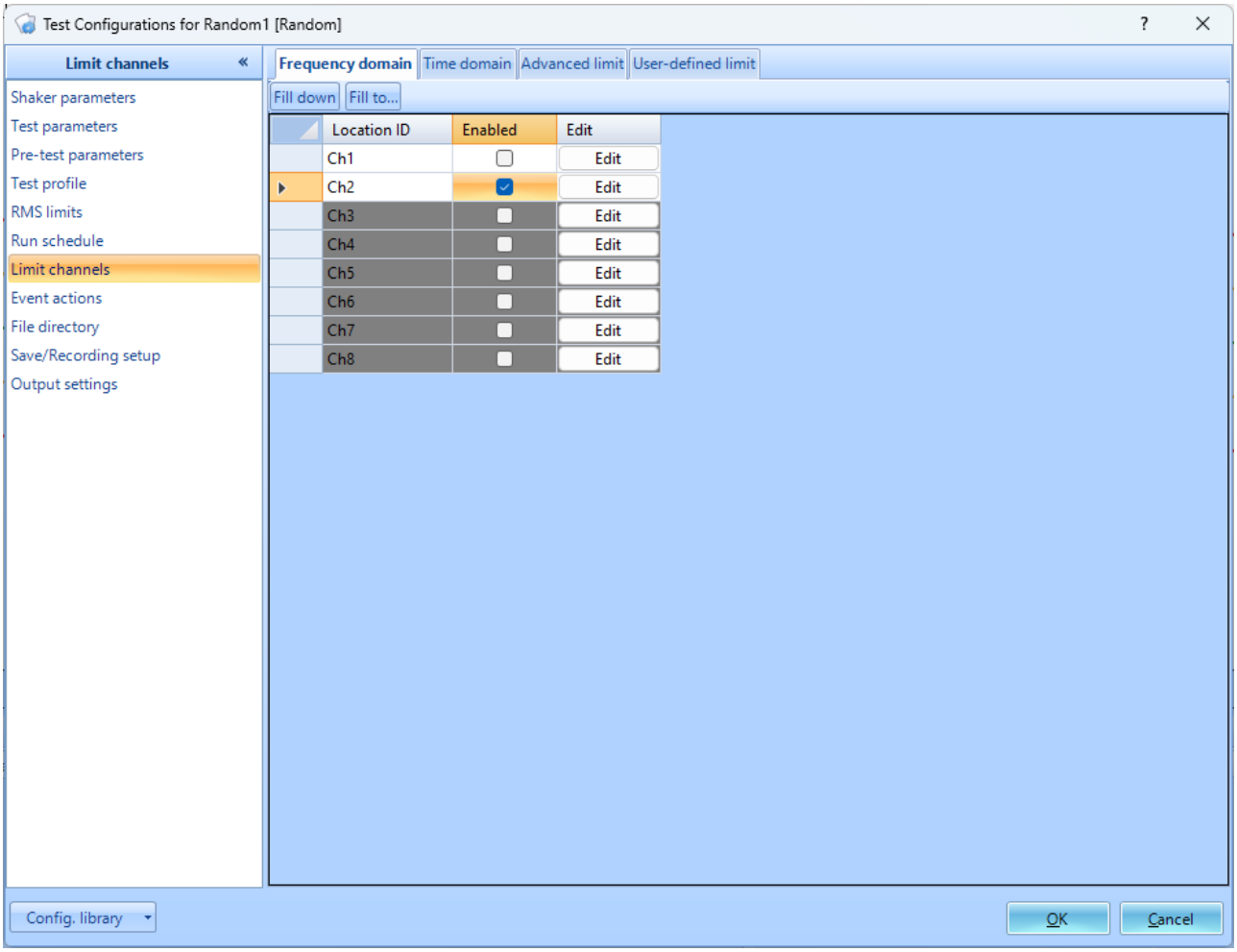
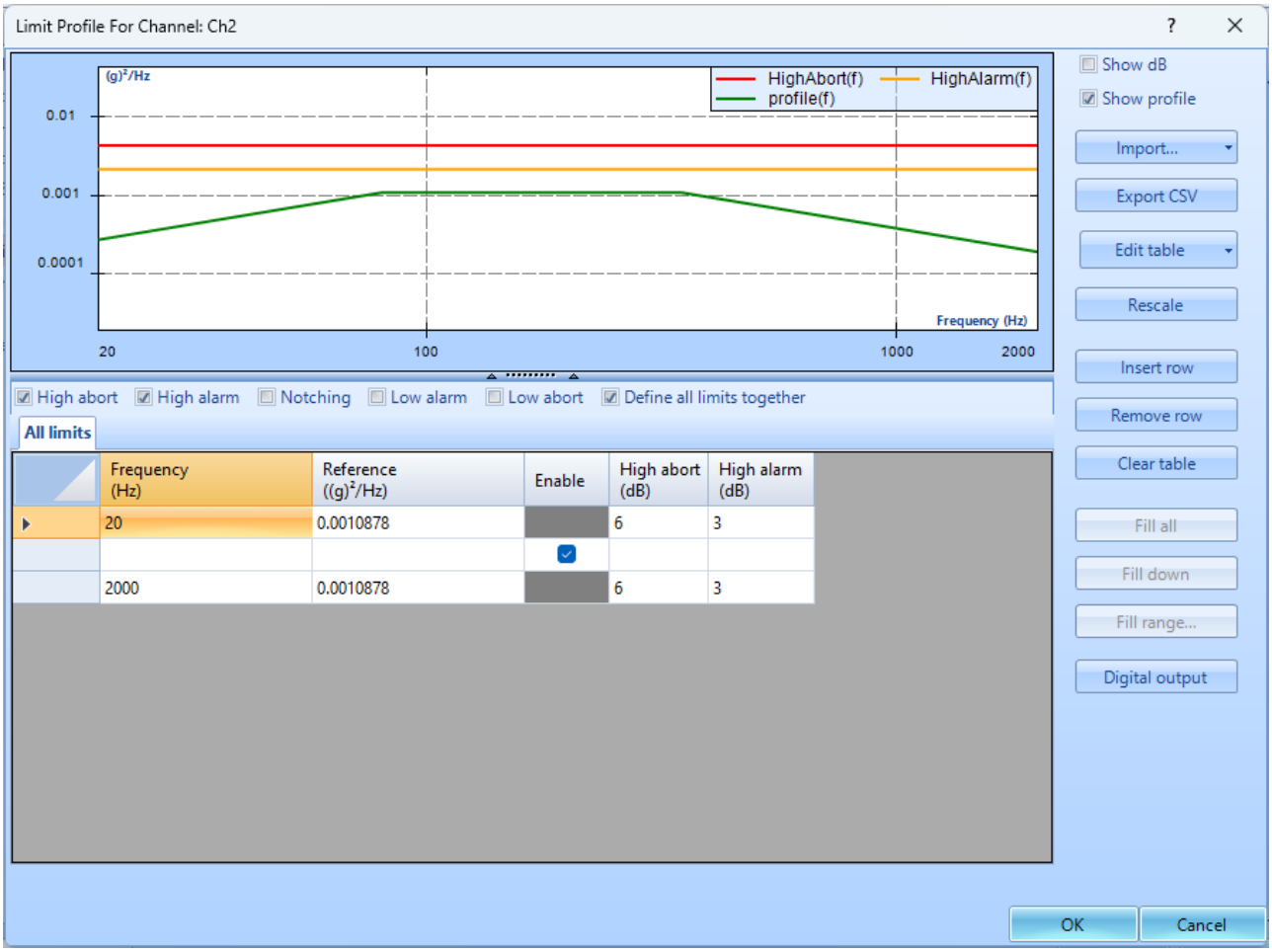
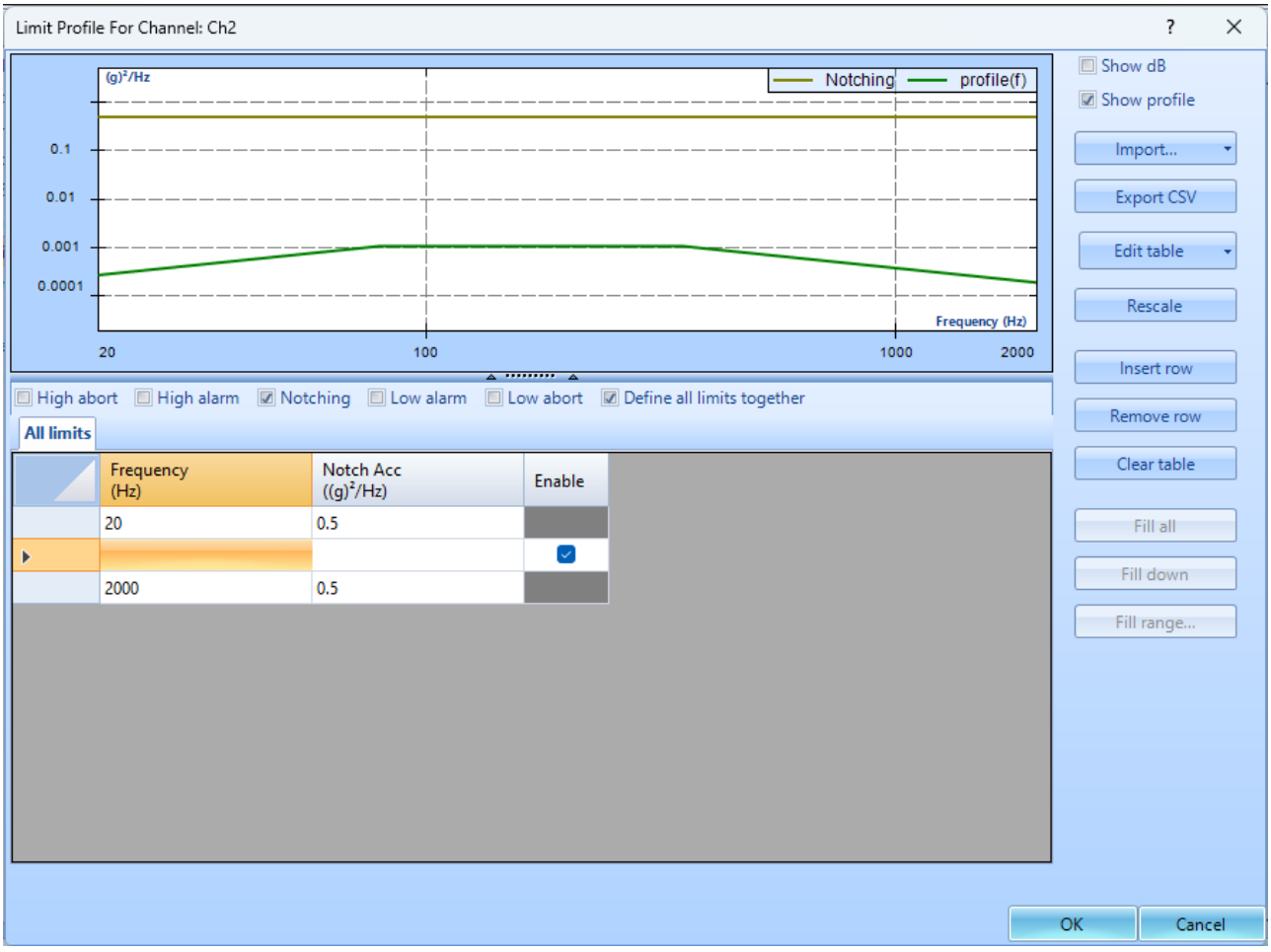
Setting Up Limit Channels

In some cases, monitor accelerometers placed on the DUT will want to be limited to ensure that the DUT itself does not experience increased dangerous levels. To do this, Limit Channels can be enabled to make sure that these levels are not reached. Here is how to set this up.

1. Go to **Setup → Test Configuration → Limit Channels**
2. Select the channel that is to be limited and check the **Enabled** box.
3. A limit profile window will open. Specific High Abort and High Alarm limits can be set up.
4. A notching limit can also be created. This type of limit will decrease the drive output to make sure that the limit is not met.



- 
Limit Profile For Channel: Ch2
(g)²/Hz
HighAbort(f)
HighAlarm(f)
profile(f)
0.01
0.001
0.0001
Frequency (Hz)
20
100
1000
2000
Show dB
Show profile
Import...
Export CSV
Edit table
Rescale
Insert row
Remove row
Clear table
Fill all
Fill down
Fill range...
Digital output
High abort
High alarm
Notching
Low alarm
Low abort
Define all limits together
All limits
Frequency (Hz)
Reference ((g)²/Hz)
Enable
High abort (dB)
High alarm (dB)
20
0.0010878
6
3
2000
0.0010878
6
3
OK
Cancel
- 
Limit Profile For Channel: Ch2
(g)²/Hz
Notching
profile(f)
0.1
0.01
0.001
0.0001
Frequency (Hz)
20
100
1000
2000
Show dB
Show profile
Import...
Export CSV
Edit table
Rescale
Insert row
Remove row
Clear table
Fill all
Fill down
Fill range...
High abort
High alarm
Notching
Low alarm
Low abort
Define all limits together
All limits
Frequency (Hz)
Notch Acc ((g)²/Hz)
Enable
20
0.5
2000
0.5
OK
Cancel