

SPL Repeatability tools

Friday, October 15, 2021 12:00 PM

SPL Repeatability tools : Tools to generate a repeatability report by referring to 10 time static and 10 time dynamic data on same DUT to evaluate the performance of repeatability/reproducibility of test station. This tools was developed for transducer, MicSA and system SPL test. But for transducer test you need to export the data into txt file before process.

File structure for

- Transducer:

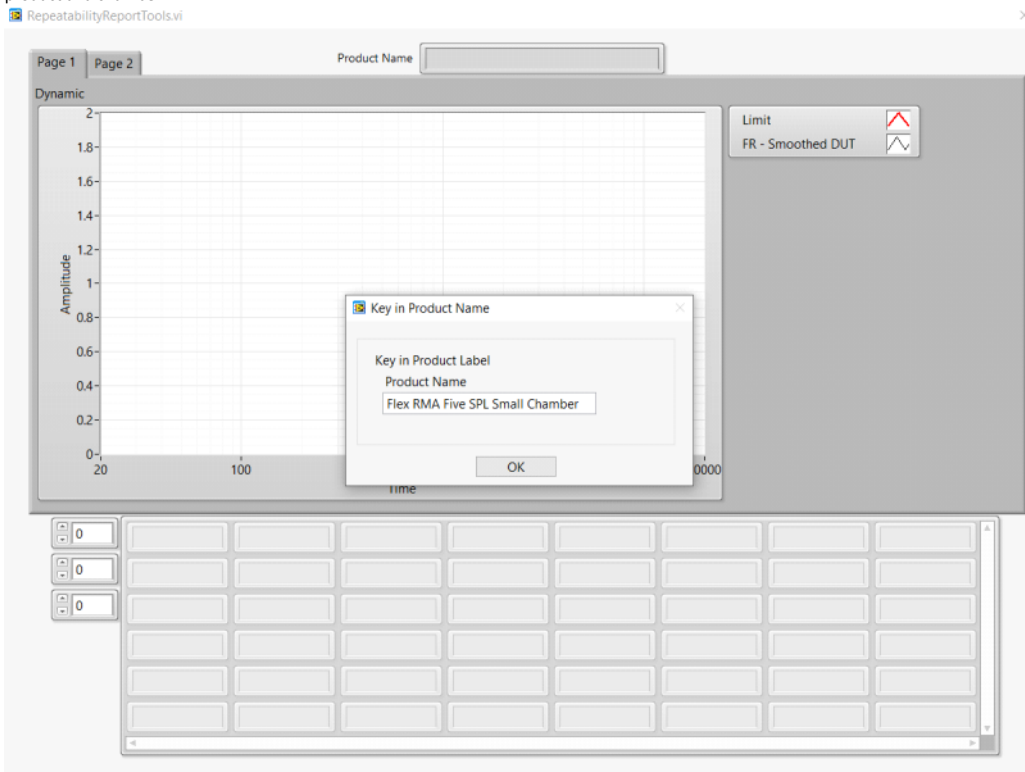
Need you use Klippel extract tools to extract the data from kdbx into txt format and remove the txt to dynamic.txt & static.txt and put into same folder

Name	Date modified	Type	Size
Reports	10/15/2021 12:36 ...	File folder	
Dynamic.txt	10/15/2021 12:31 ...	Text Document	29 KB
Static.txt	10/15/2021 12:31 ...	Text Document	29 KB

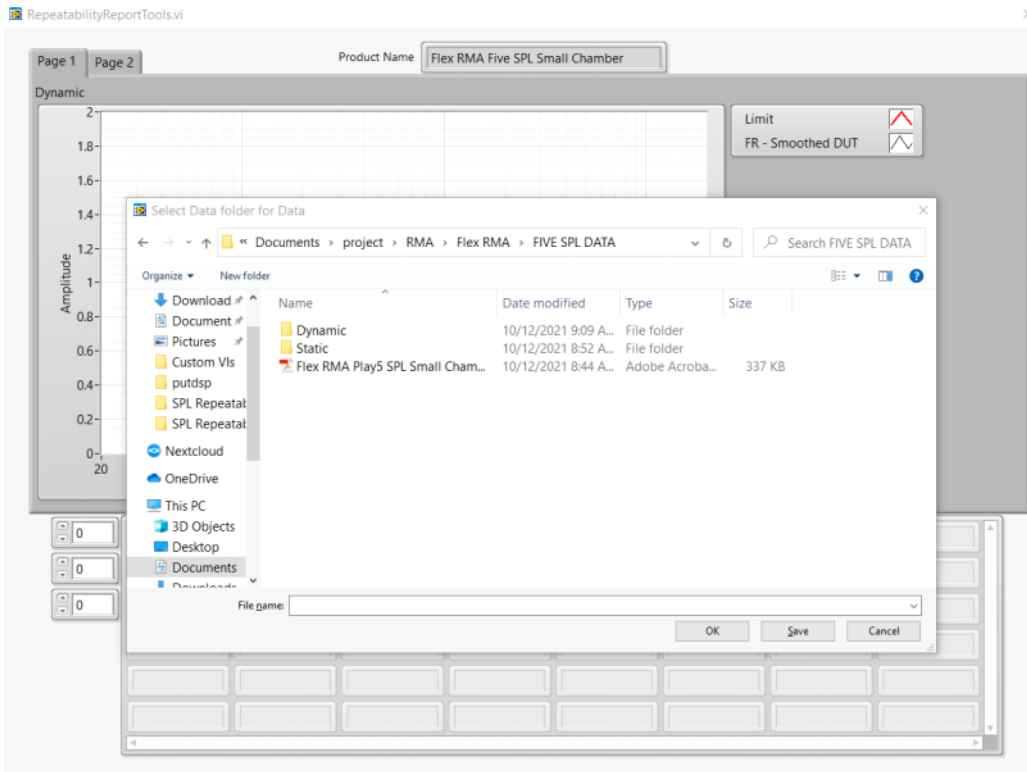
- MicSA & System SPL

Name	Date modified	Type	Size
Dynamic	10/12/2021 9:09 A...	File folder	
Static	10/12/2021 8:52 A...	File folder	
Flex RMA Play5 SPL Small Chamber Repeatability Report(20211012).pdf	10/12/2021 8:44 A...	Adobe Acroba...	337 KB

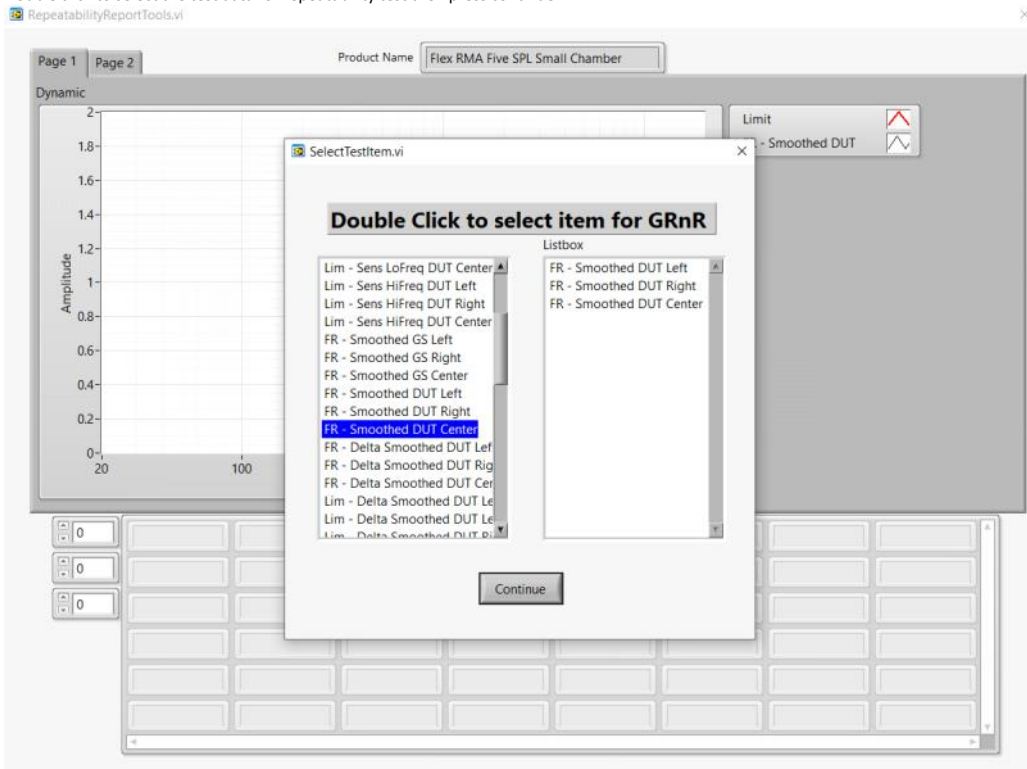
1. Key in Test station information into the pop up manual. The name should contain the info of CM, product and chamber.



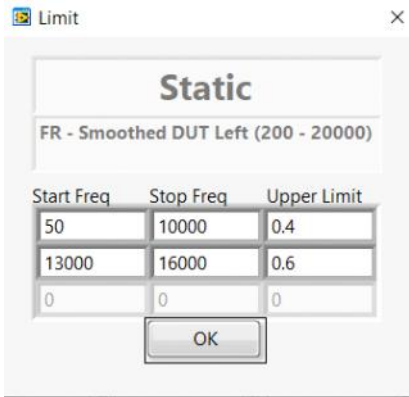
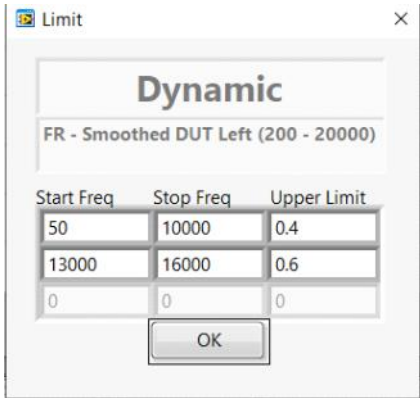
2. Select Folder of data



3. Double click to select the test data for repeatability test then press continue



4. Set limit for both Dynamic and static test

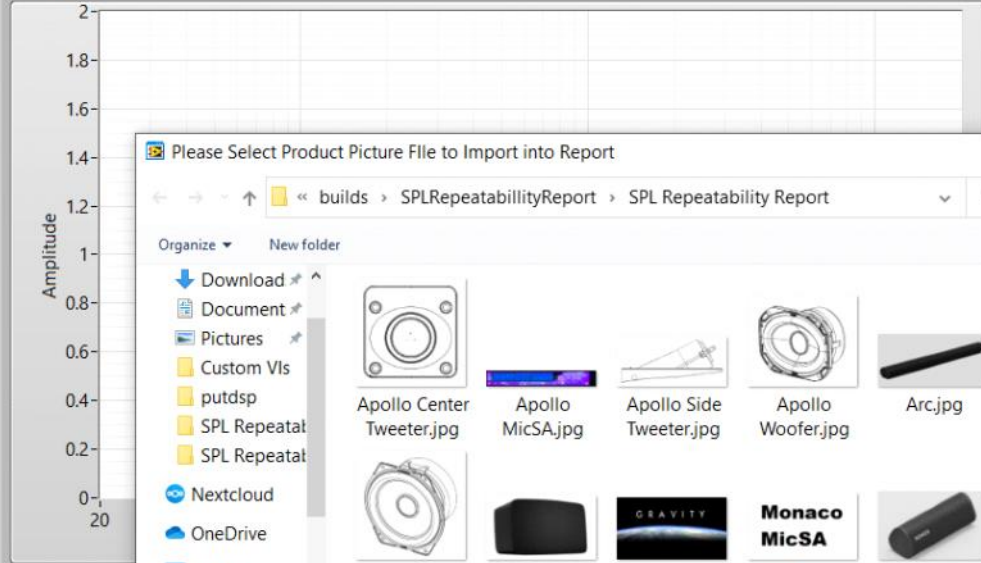


5. Select the picture you want to add into the report then press continue

Page 1 Page 2

Product Name Flex RMA Five SPL Small Chamber

Dynamic



Limit
FR - Smoothed DUT Left
Limit
FR - Smoothed DUT Right

0
0
0

Please Select Product Picture File to Import into Report

« builds » SPLRepeatabilityReport » SPL Repeatability Report

Search SPL Repeatabili...

Organize New folder

- Download
- Document
- Pictures
- Custom VIs
- putdsp
- SPL Repeatability
- SPL Repeatability
- Nextcloud
- OneDrive
- This PC
- 3D Objects
- Desktop
- Documents
- Downloads

Apollo Center Tweeter.jpg	Apollo MicSA.jpg	Apollo Side Tweeter.jpg	Apollo Woofer.jpg	Arc.jpg	Bravo Micsa.jpg	Bravo.jpg
domino woofer.jpg	Encore.jpg	gravity.jpg	Monaco MicSA Monaco MicSA.jpg	Monaco.jpg	Move.jpg	PlayBar.jpg

File name: _____ Custom Pattern (*.jpg)

Continue Cancel

236.00	0.18	236.00	0.10	60.00	0.08		
250.00	0.16	250.00	0.09	63.00	0.05		

6. Report will be generate in the data path