Cable Loss Calibration SOP

*Cycle: 1time/week

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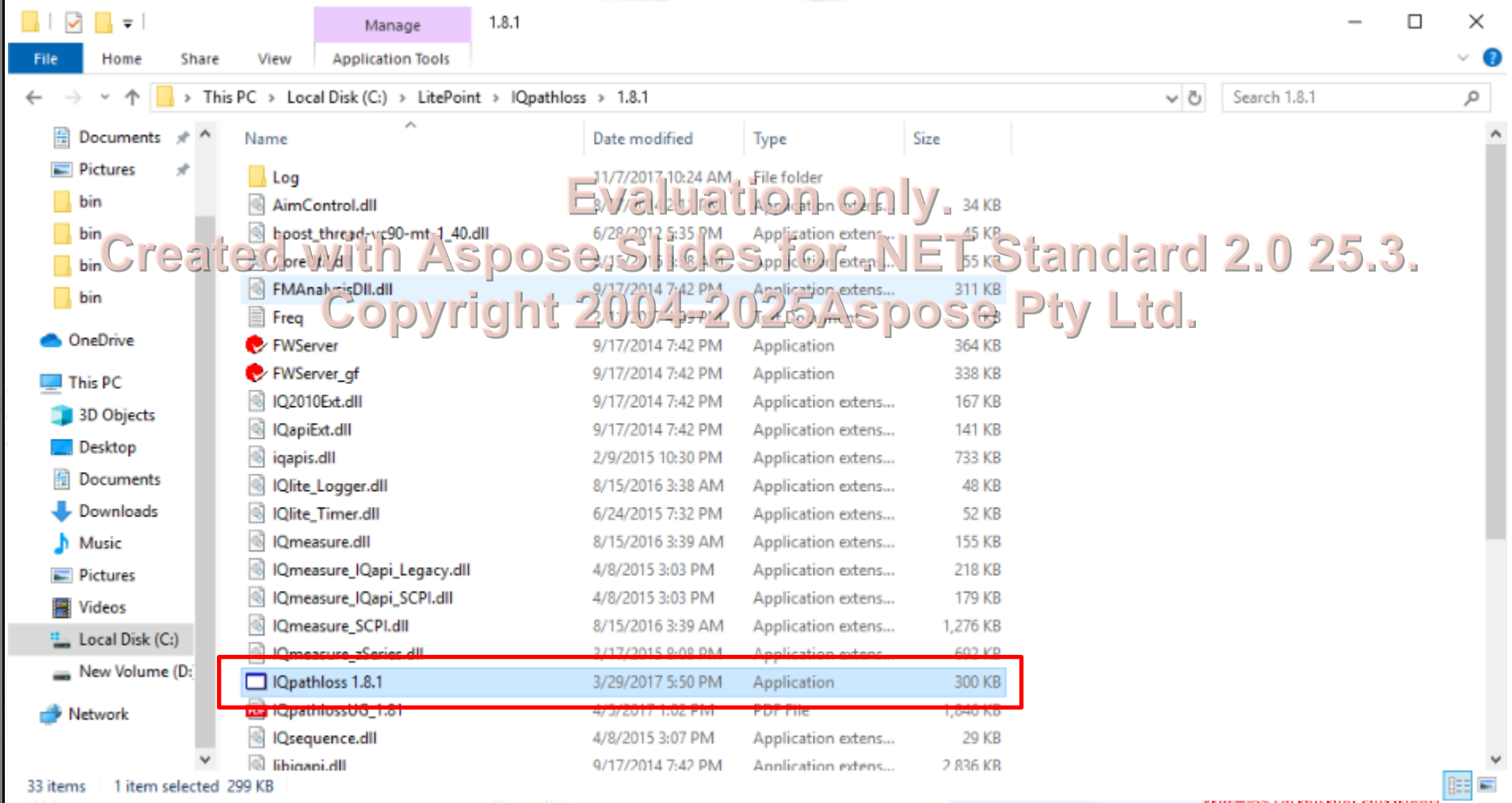
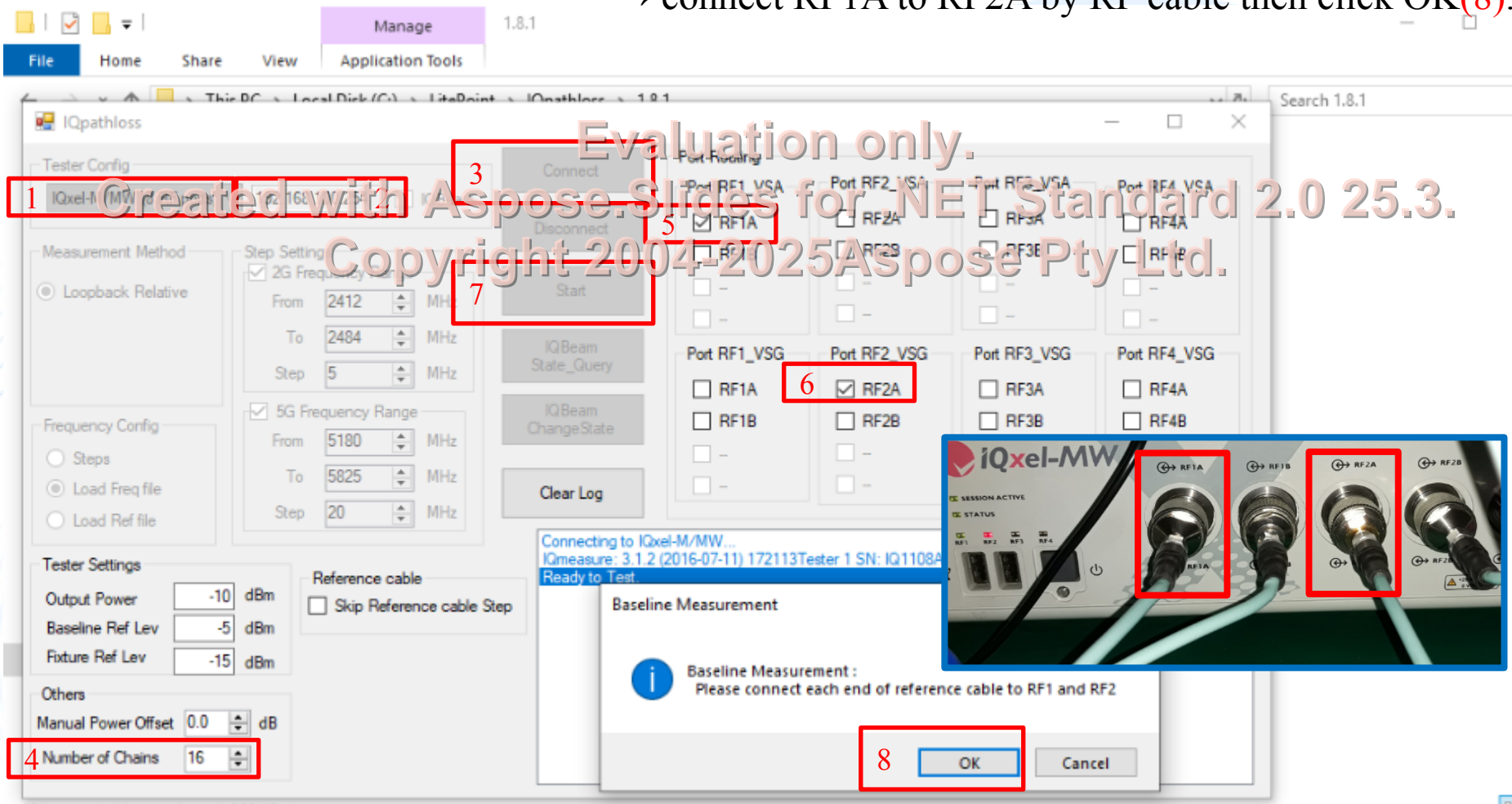
Step 1: Run IQpathloss 1.8.1 program.



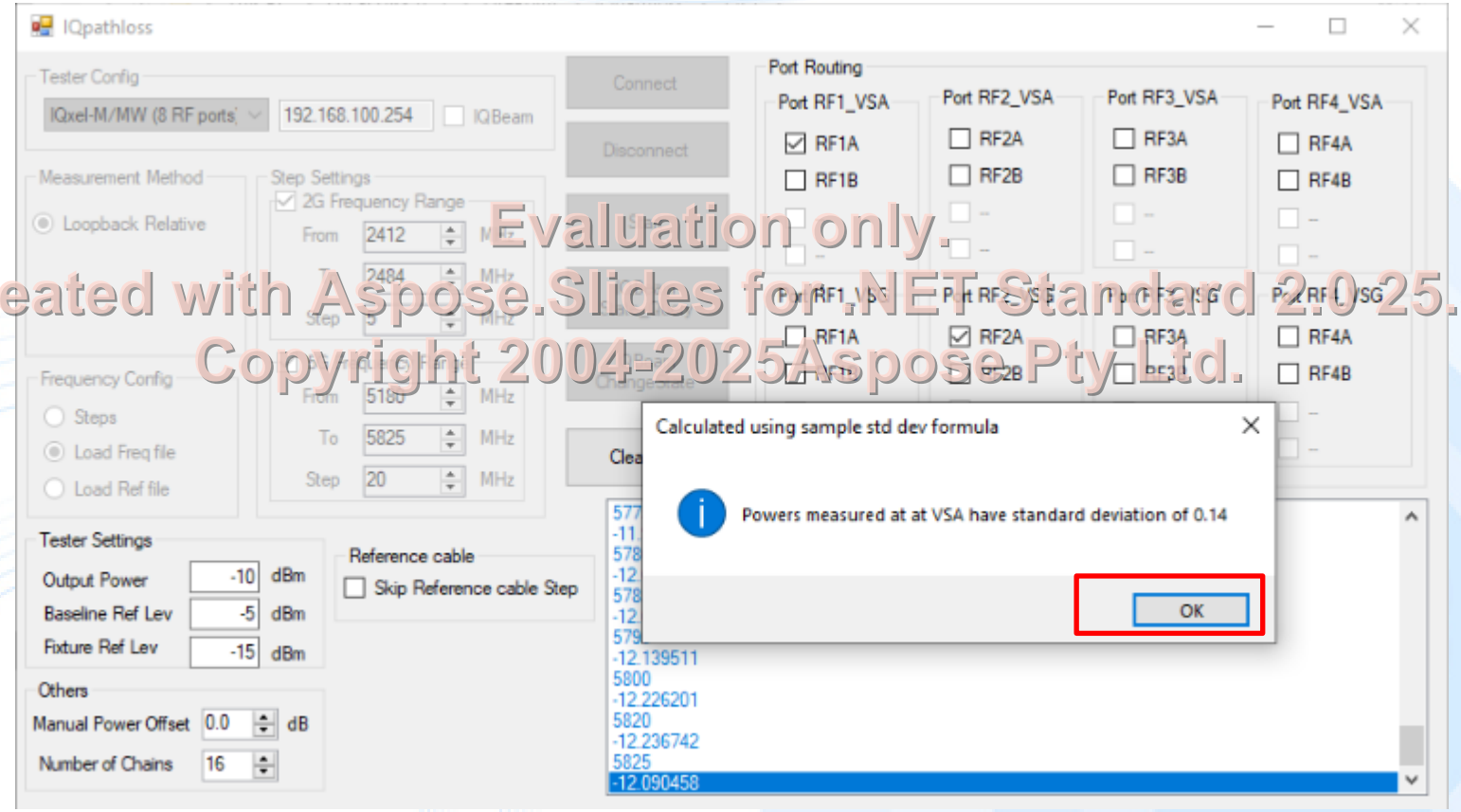
Step 2: IQpathloss windows is appeared as shown below, just follow step by step:

►Select IQxel device(1) → Set IP (2) → then Connect(3).

►Set Number of chains(4) → Select port routing(5)(6) → Click Start(7)
→ connect RF1A to RF2A by RF cable then click OK(8).



Step 3: Waiting for IQpathloss measuring, then click OK.



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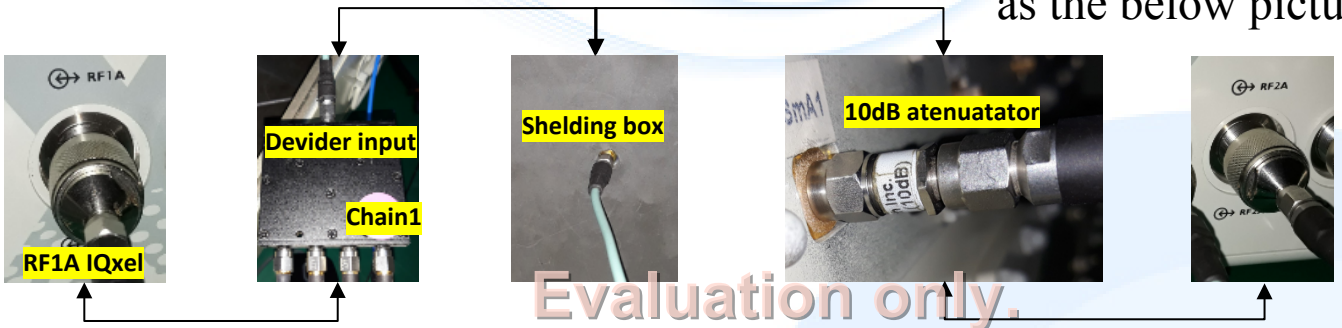
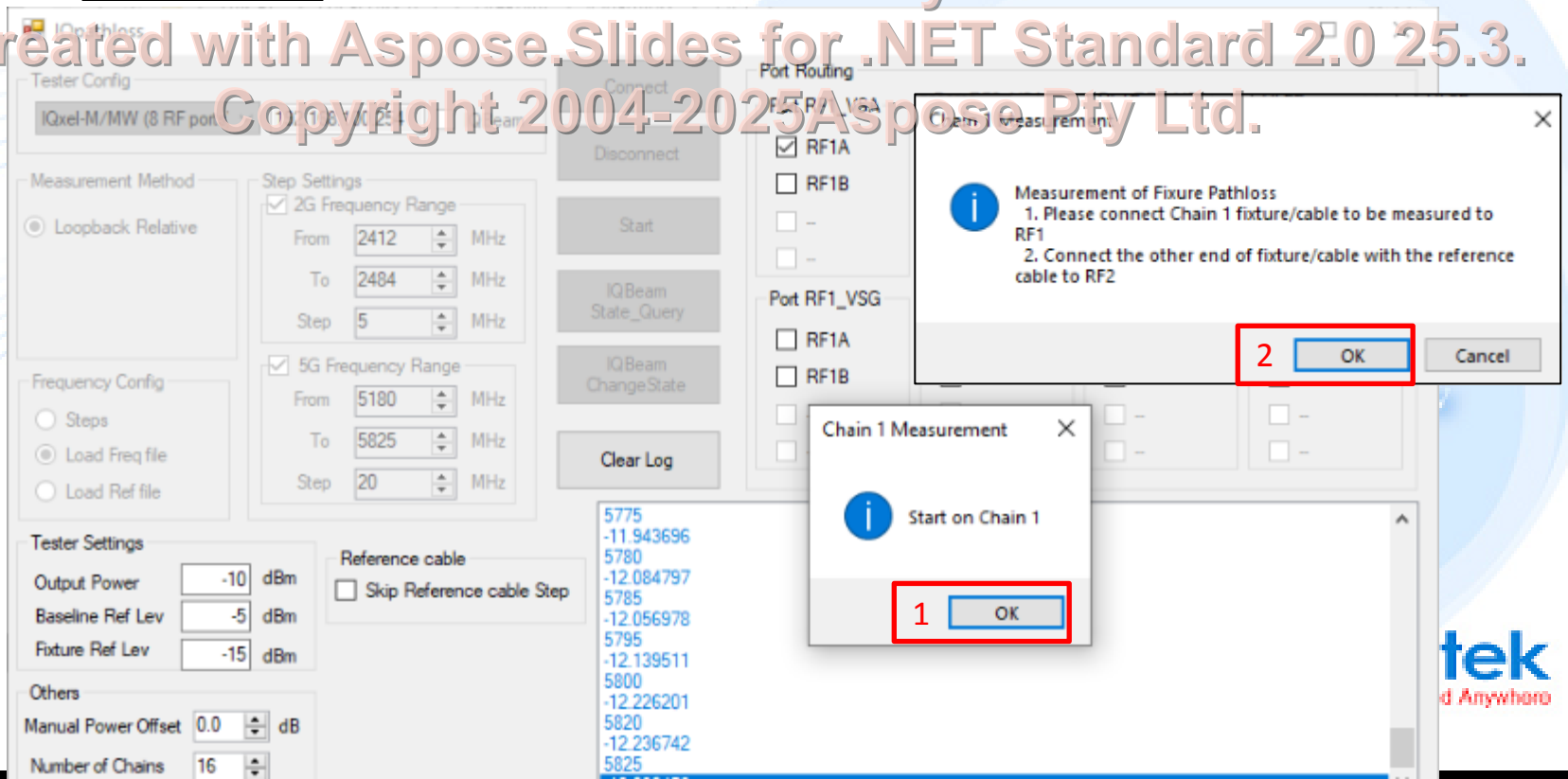
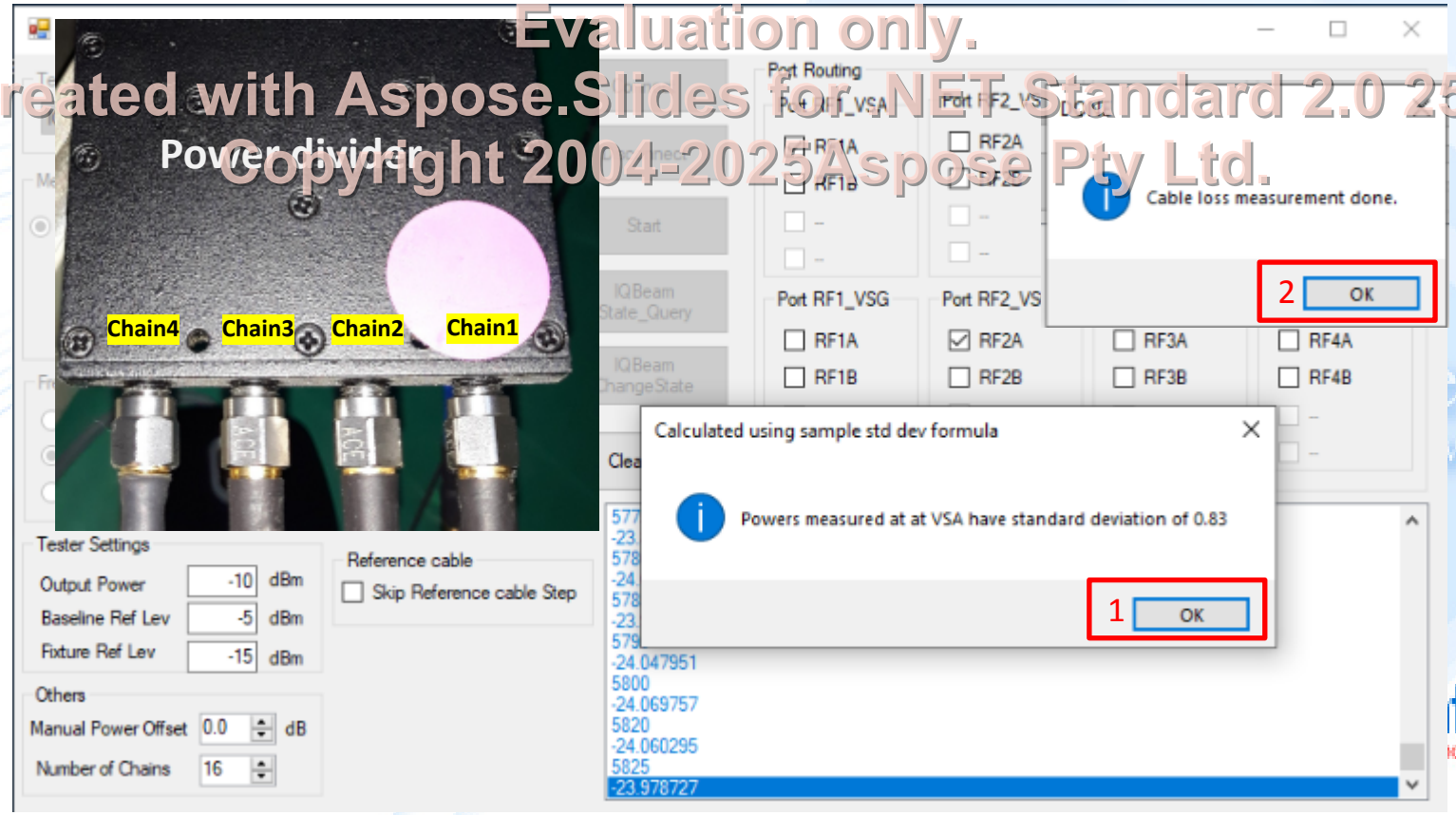
Step 4: IQpathloss inform Start on Chain **1**, click OK(1) → Connect the RF cable to Chain1 as the below pictures → click OK(2)



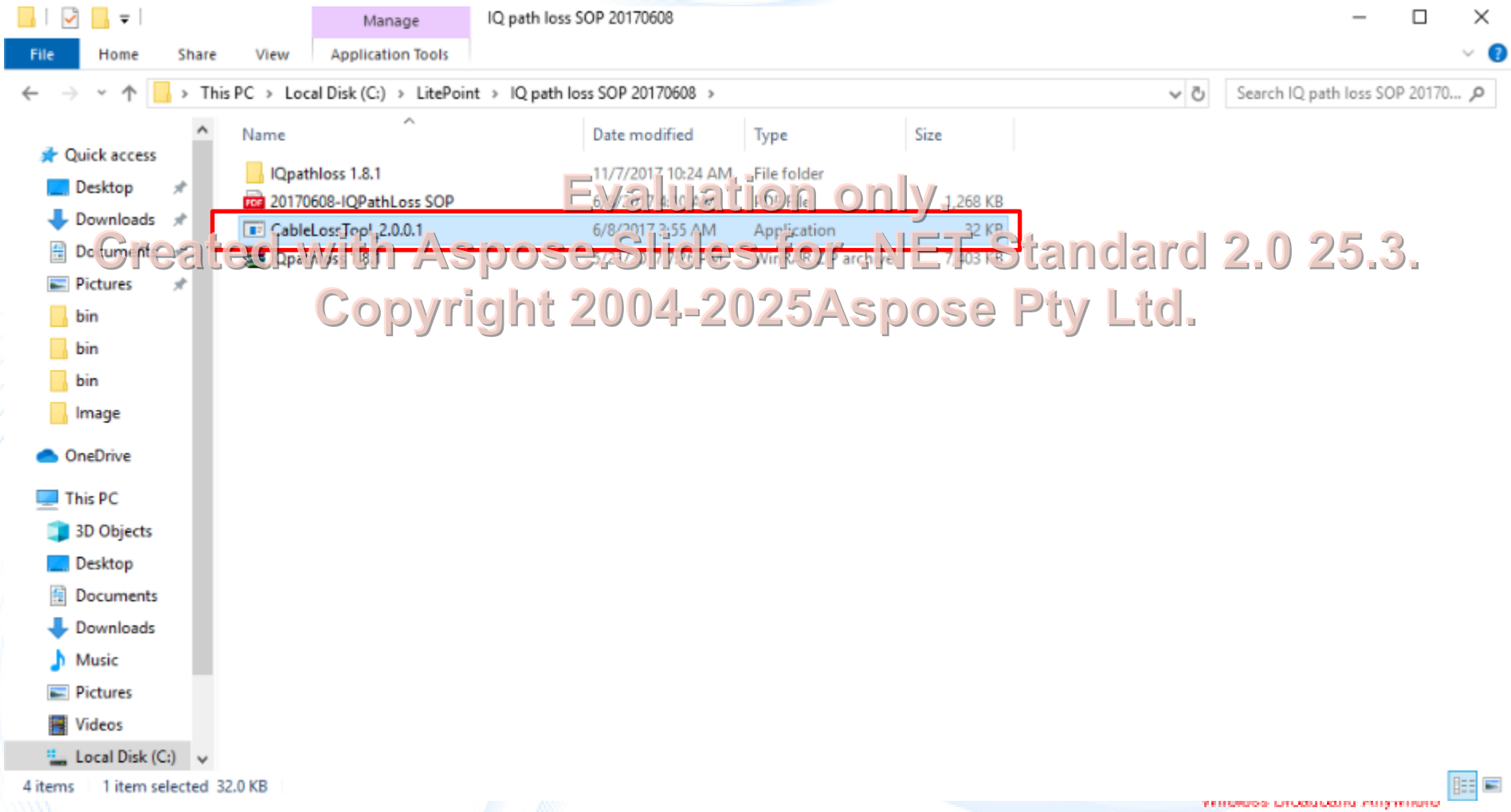


Step 5: Waiting for Chain1 measurement results, click OK(1)

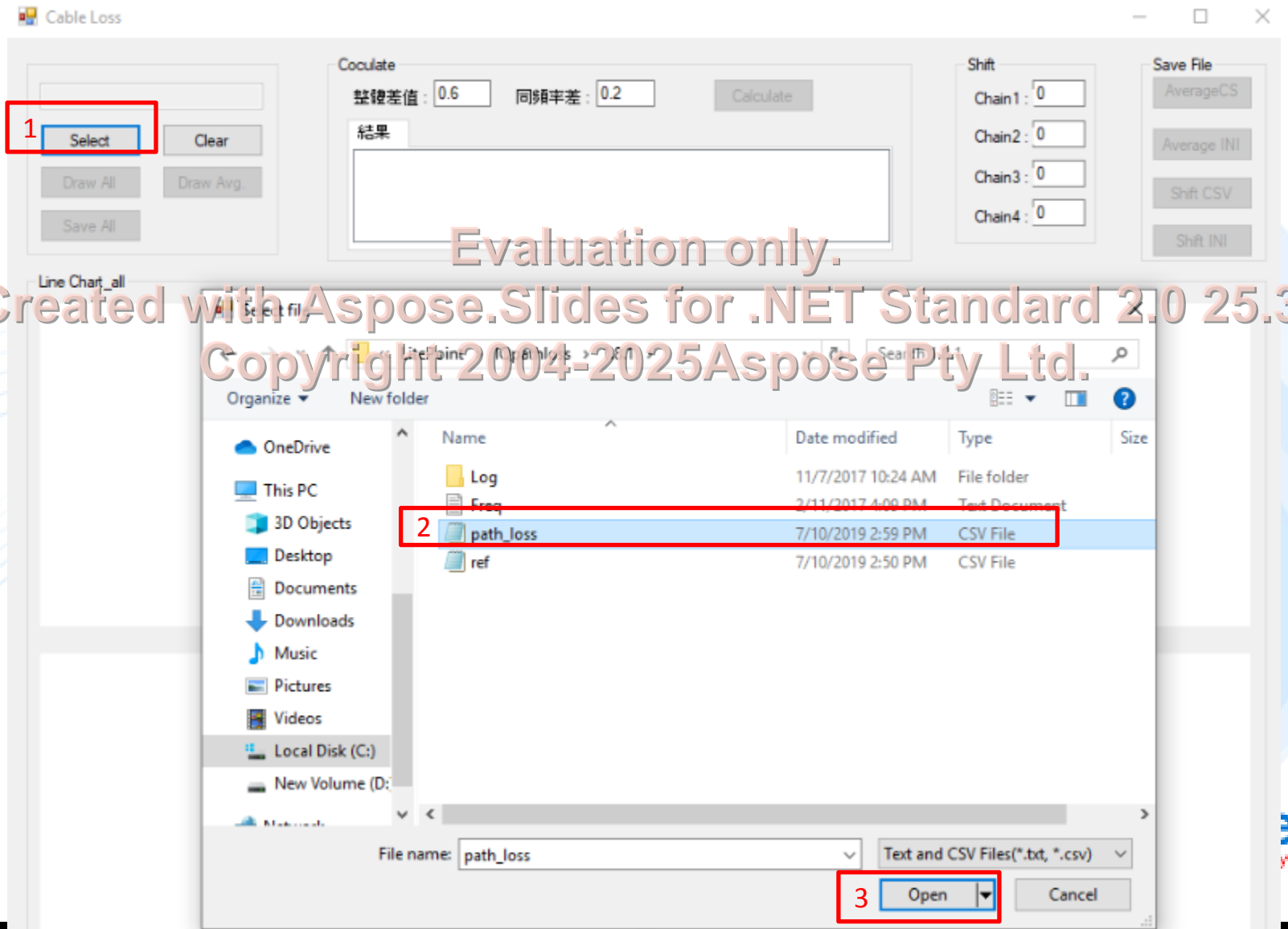
- ► Repeat step 5 until IQpathloss inform Start on Chain **5**, insert RF cable to Chain2
- ► Repeat step 5 until IQpathloss inform Start on Chain **9**, insert RF cable to Chain3
- ► Repeat step 5 until IQpathloss inform Start on Chain **13**, insert RF cable to Chain4
- ► Repeat step 5 until IQpathloss inform Cable loss measurement done., click OK(2)



Step 6: Run CableLossTool_2.0.0.1 program.



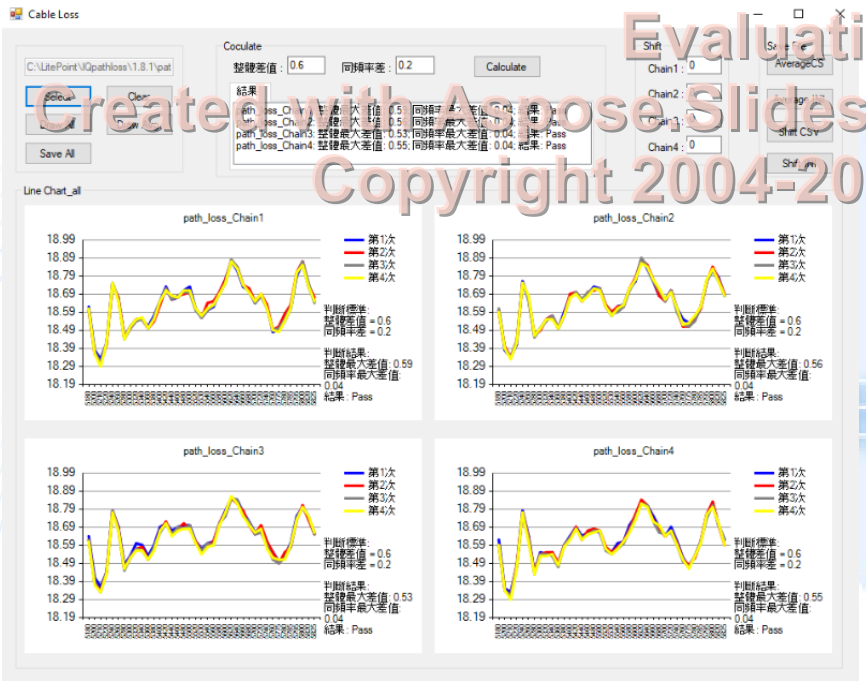
Step 7: Click select(1) → Link to path_loss file(2) → Click Open(3).



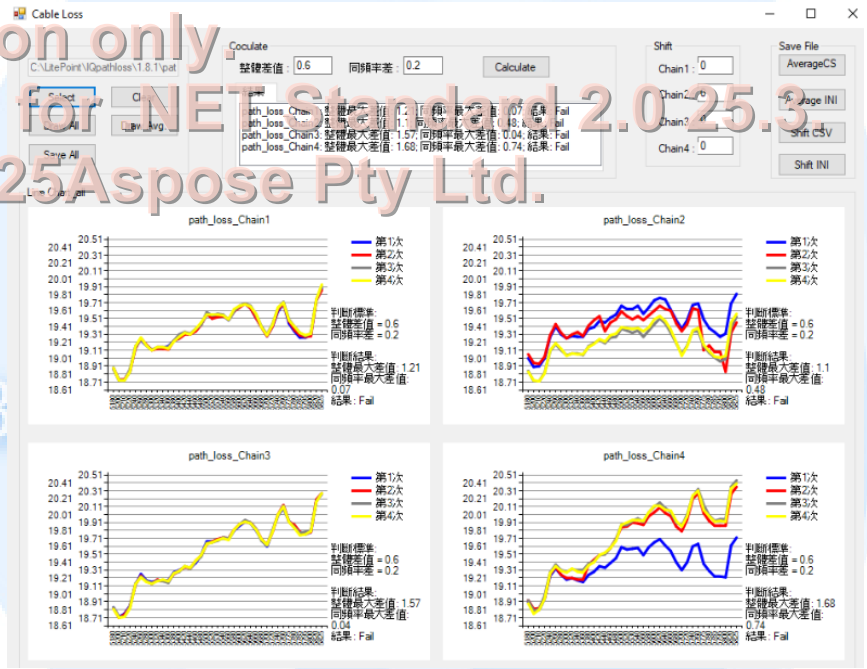
Step 8: Cable loss result PASS/FAIL will be shown as the below:

►On the case FAIL, check again the connections then proceed cable loss again.

►On the case PASS, move to Step 9.



PASS



FAIL

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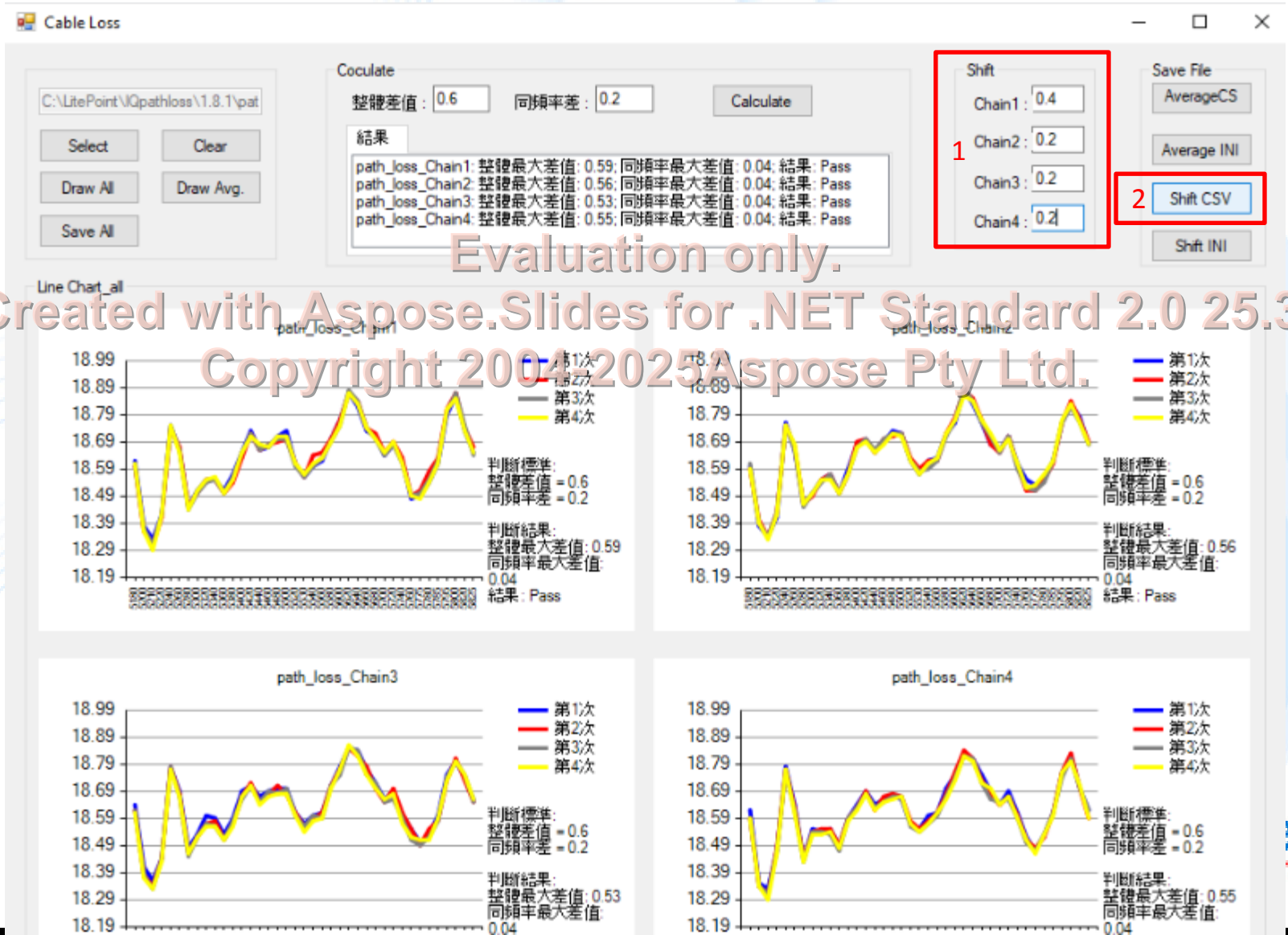
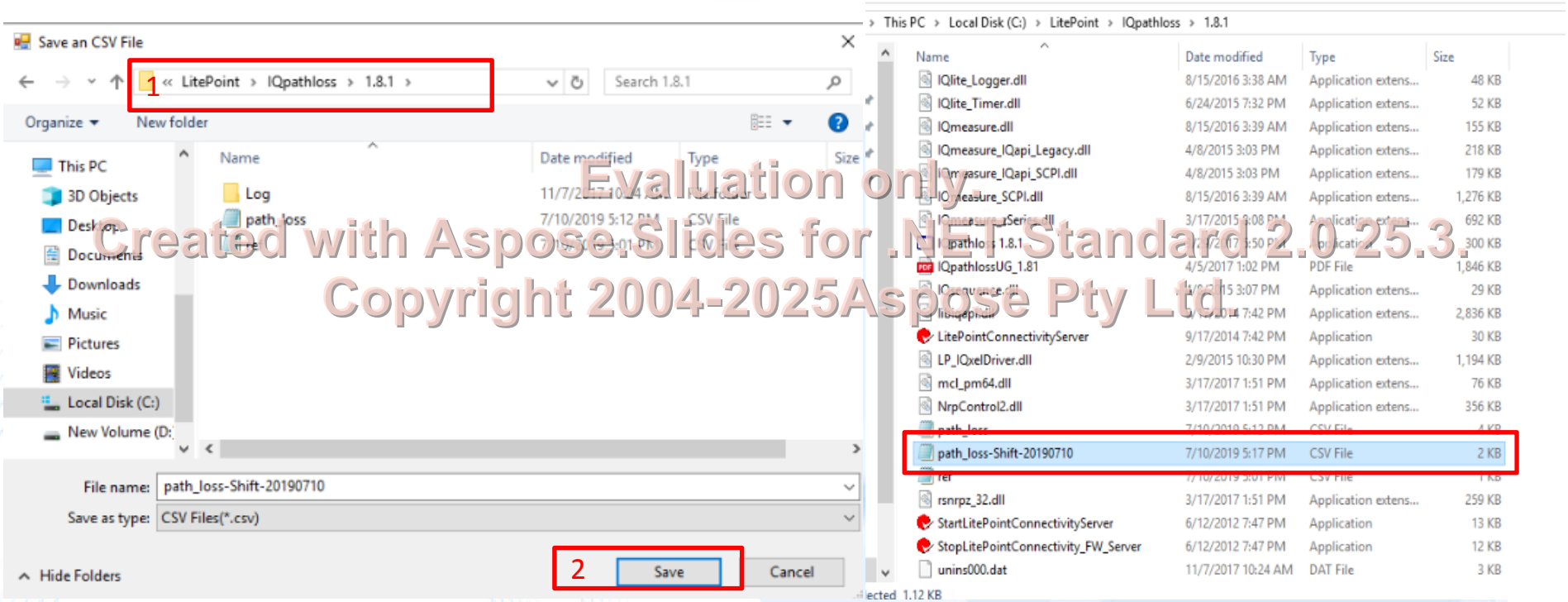
Step 9: Set Shift value(1) → Click Shift CSV(2).



Step 10: Link path_loss-Shift-yyyymmdd file to the 'C:\LitePoint\Iqpathloss\1.8.1' (1)→ Save(2)
path_loss-Shift-yyyymmdd csv file is saved. Cable Loss Calibraton is DONE.



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Thank you!

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