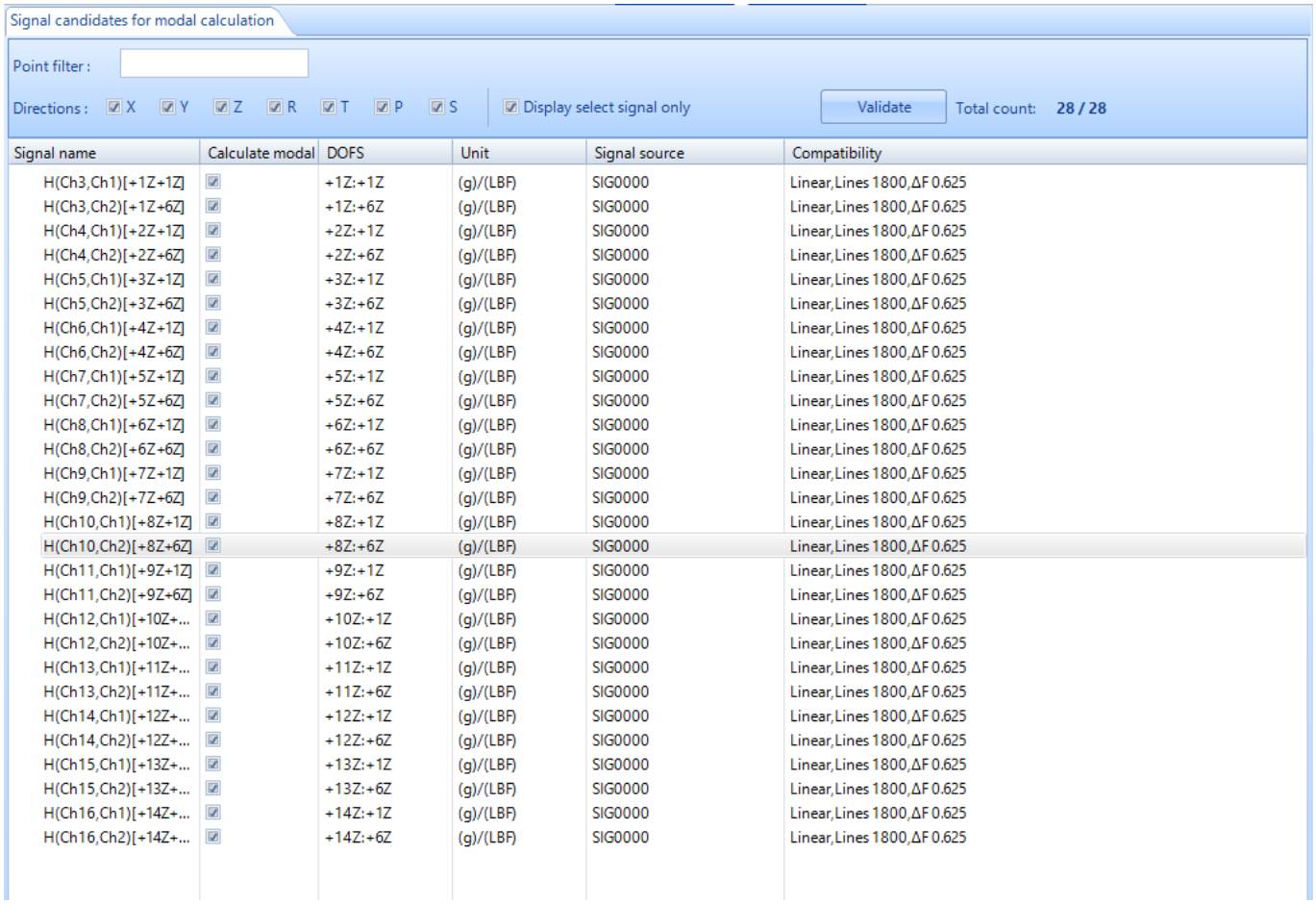
Modal Data Selection

Modal Data Selection is populated by signal candidates which will be validated and selected for further analysis.

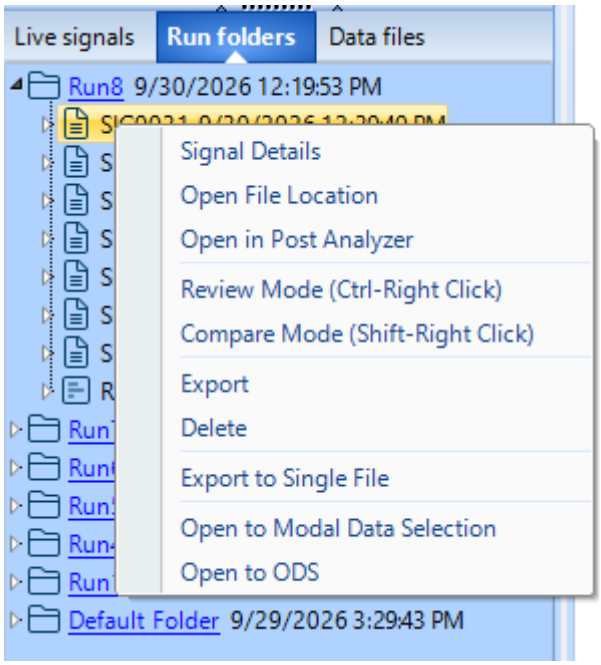


Signal name	Calculate modal	DOFS	Unit	Signal source	Compatibility
H(Ch3,Ch1)[+1Z+1Z]	☑	+1Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch3,Ch2)[+1Z+6Z]	☑	+1Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch4,Ch1)[+2Z+1Z]	☑	+2Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch4,Ch2)[+2Z+6Z]	☑	+2Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch5,Ch1)[+3Z+1Z]	☑	+3Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch5,Ch2)[+3Z+6Z]	☑	+3Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch6,Ch1)[+4Z+1Z]	☑	+4Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch6,Ch2)[+4Z+6Z]	☑	+4Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch7,Ch1)[+5Z+1Z]	☑	+5Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch7,Ch2)[+5Z+6Z]	☑	+5Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch8,Ch1)[+6Z+1Z]	☑	+6Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch8,Ch2)[+6Z+6Z]	☑	+6Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch9,Ch1)[+7Z+1Z]	☑	+7Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch9,Ch2)[+7Z+6Z]	☑	+7Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch10,Ch1)[+8Z+1Z]	☑	+8Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch10,Ch2)[+8Z+6Z]	☑	+8Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch11,Ch1)[+9Z+1Z]	☑	+9Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch11,Ch2)[+9Z+6Z]	☑	+9Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch12,Ch1)[+10Z+...	☑	+10Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch12,Ch2)[+10Z+...	☑	+10Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch13,Ch1)[+11Z+...	☑	+11Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch13,Ch2)[+11Z+...	☑	+11Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch14,Ch1)[+12Z+...	☑	+12Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch14,Ch2)[+12Z+...	☑	+12Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch15,Ch1)[+13Z+...	☑	+13Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch15,Ch2)[+13Z+...	☑	+13Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch16,Ch1)[+14Z+...	☑	+14Z:+1Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625
H(Ch16,Ch2)[+14Z+...	☑	+14Z:+6Z	(g)/(LBF)	SIG0000	Linear,Lines 1800,ΔF 0.625

Signals will be populated by data collected from test plan but can also be populated by data from previous runs. Signals can be easily toggled by clicking on the Calculate modal checkbox associated with it. Signals can be filtered by DOF and direction. Selections can be inversed or simultaneously all selected or unselected via the right-lick menu.

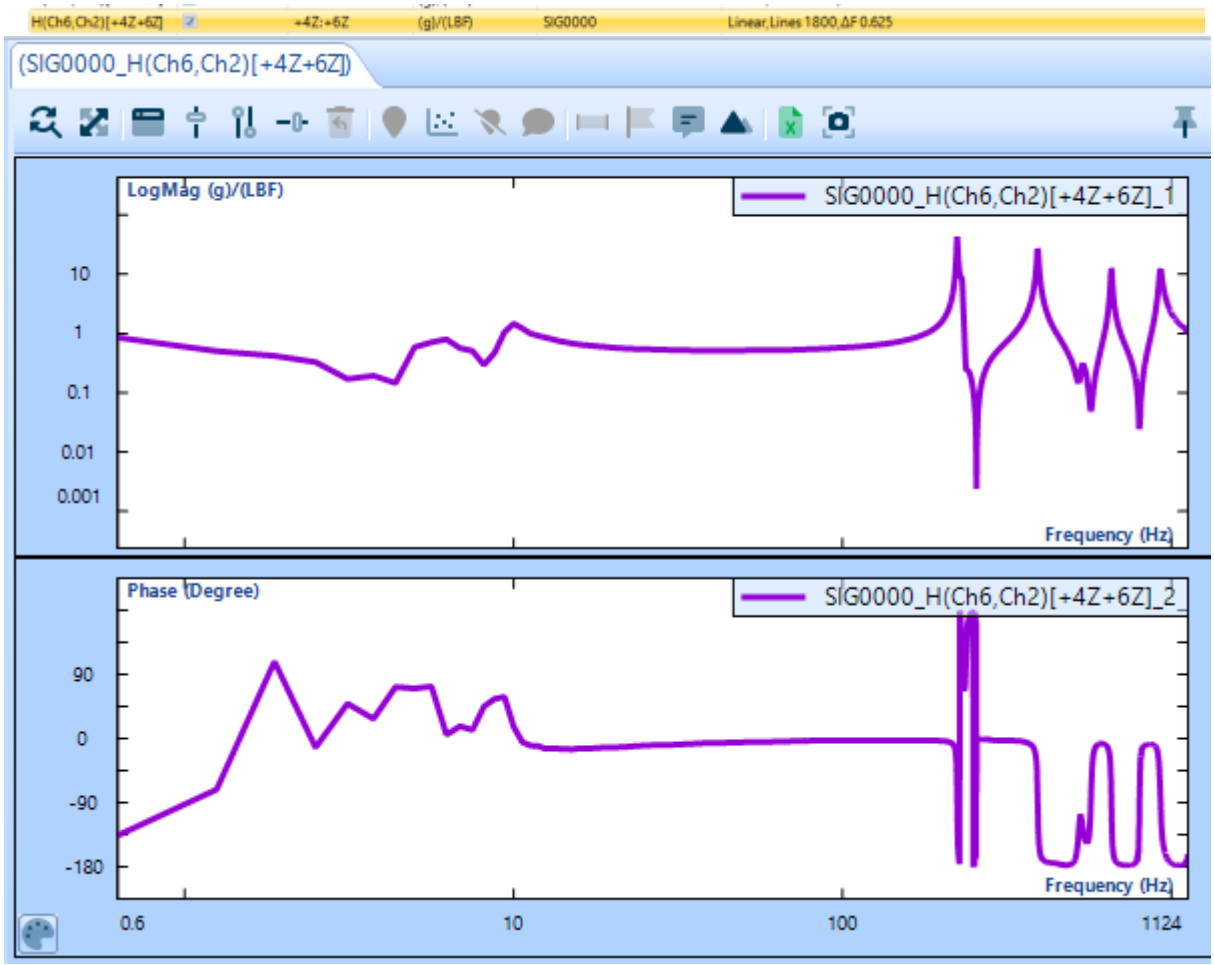
The Signals can be validated to show which are compatible for simultaneous data processing using the validate button found in the upper right of the Signal Candidates for modal calculation window

Any Runs from the current test can be easily loaded into the page by right clicking on the save file under Run folders.



Separate data files can also be added once they are loaded under the similarly named tab

When a signal is left clicked, the FRF collected from the signal will display in the upper right corner of the screen.



A Geometry Display of the model is also shown by default for the user's convenience.

From:
https://help.go-ci.com/ - **Crystal Instruments Help**

Permanent link:
https://help.go-ci.com/modal:modal-analysis:modal-data-selection?rev=1791231708

Last update: **2026/10/05 20:21**