
Multimode Envelope Reduction Factor

The “Reduction Factor” provides a measurement quality index for envelope readings when using the VibXpert Multimode. This index is calculated from the user setup information entered. An index between 10 and 15 indicates optimum measurement quality. An index below 10 or above 15 indicates that the user setup may not provide optimum measurement results.

Step 1.	Open Multimode from VXP main menu.
Step 2.	Select an envelope measurement from the “Signals” tab.
Step 3.	Select " Menu " key

Step 4.

Select "**Task Manager**" and create or edit a measurement setup.

Setup Manager: Measurement 100%

Measurement setup

Ludeca

Meas. quantity	Velocity
Δf	0.1000 Hz
Filter type	Software
HP/LP filter [Hz]	500 10000
Reduction factor	10
Upper frequency	1500.00 Hz
Number of lines	15000
Window type	Hanning
Average type	Linear
No. of measurements	3
Measurement range	Auto