

Import Profile into EDM-VCS

In many cases, the breakpoints for a desired test profile will be contained in spreadsheet. This can be easily imported into EDM-VCS. Follow these steps to do this.

1. Go to **Setup** → **Test Configuration** → Test Profile
2. Select **Import/Analyze** then **Import from CSV**

The screenshot shows the 'Test profile' configuration window in EDM-VCS. The window is titled 'Test profile' and has a sidebar on the left with options like 'Shaker parameters', 'Test parameters', 'Pre-test parameters', 'Test profile', 'RMS limits', 'Run schedule', 'Limit channels', 'Event actions', 'File directory', 'Save/Recording setup', and 'Output settings'. The 'Test profile' option is selected.

The main area shows a graph of 'LogMag g² / Hz' vs 'Frequency (Hz)'. The y-axis is logarithmic, ranging from 1.00E-05 to 0.001. The x-axis is also logarithmic, ranging from 20 to 2000 Hz. The graph shows a test profile with four breakpoints at 20, 80, 350, and 2000 Hz. The acceleration values at these breakpoints are 0.000273233, 0.00108776, 0.00108776, and 0.000191497 g²/Hz respectively.

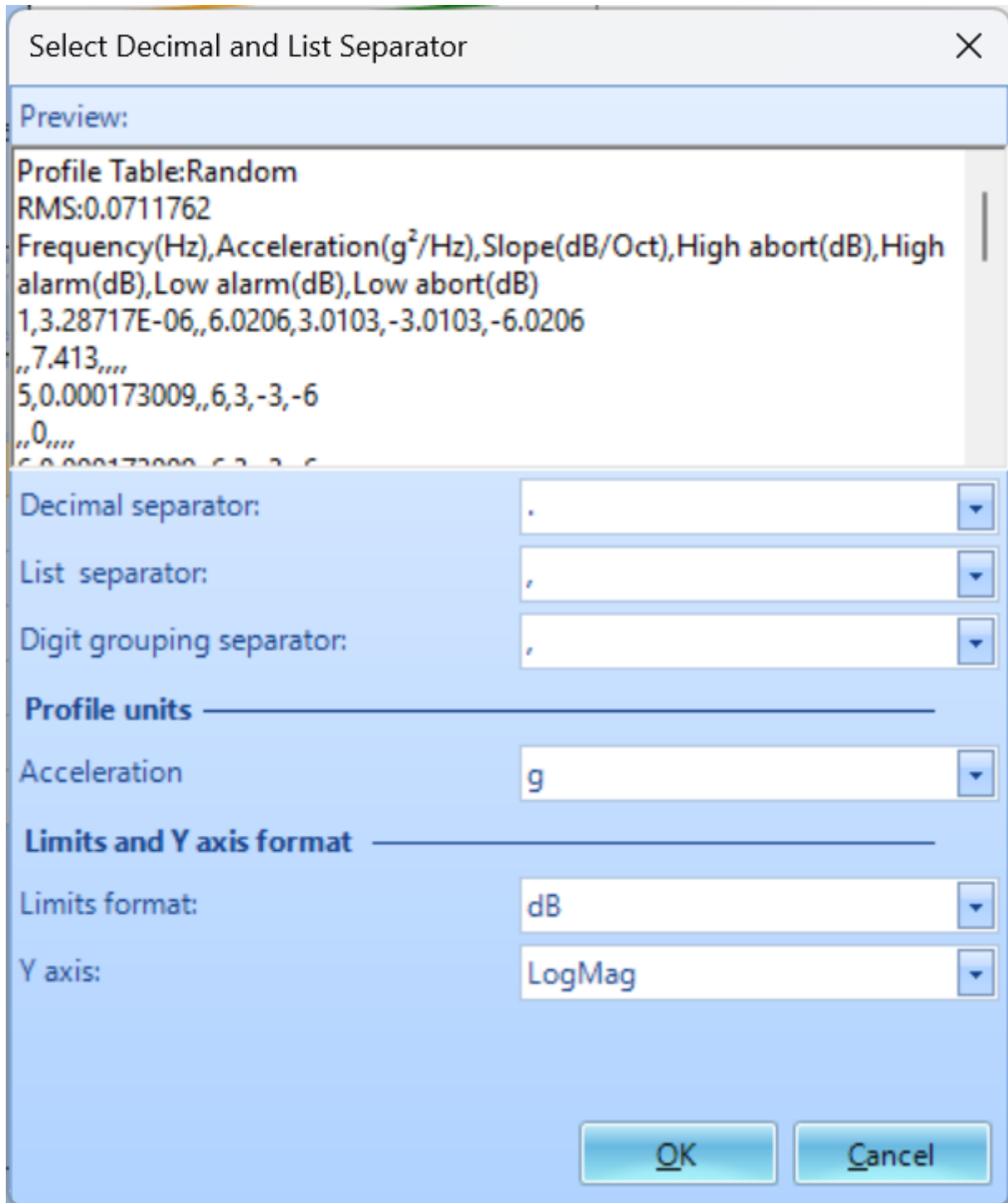
Below the graph is a table with the following data:

	Frequency Hz	Acceleration g²/Hz		High alarm dB	Low alarm dB	Low abort dB
▶ 1	20	0.000273233		3	-3	-6
2	80	0.00108776		3	-3	-6
3	350	0.00108776	6	3	-3	-6
			-3			
4	2000	0.000191497	6	3	-3	-6

The 'Import/Analyze' menu is open, showing options: 'Edit profile', 'Import from CSV', 'Import from signal', 'Analyze from signal', and 'Envelope from signal'. The 'Import from CSV' option is highlighted.

At the bottom of the window, there are fields for 'Limit format' (dB), 'Slope unit' (dB/Oct), and 'Tolerances'. There are also buttons for 'Load from library' and 'Save to library'. The 'OK' and 'Cancel' buttons are at the bottom right.

3. Find and select the .csv file containing the profile
4. Make sure that the formatting is correct. Press **OK**



5. The profile will now be imported into the software

NOTE: The .csv should follow the format seen below.

	A	B	C	D	E	F	G	H	I
1	Profile Table:Random								
2	RMS:0.0711762								
3	Frequency(Hz)	Acceleration(g ² /Hz)	Slope(dB/Oct)	High abort(dB)	High alarm(dB)	Low alarm(dB)	Low abort(dB)		
4	1	3.29E-06	7.413	6.0206	3.0103	-3.0103	-6.0206		
5									
6	5	0.000173009		6	3	-3	-6		
7			0						
8	6	0.000173009		6	3	-3	-6		
9			-40.9353						
10	8	3.46E-06		6	3	-3	-6		
11			0						
12	12	3.46E-06		6	3	-3	-6		
13			16.2896						
14	28	0.000339098		6	3	-3	-6		
15			0						
16	32	0.000339098		6	3	-3	-6		
17			-40.4842						
18	45	3.46E-06		6	3	-3	-6		
19			14.3991						
20	63	1.73E-05		6	3	-3	-6		
21			0						
22	94	1.73E-05		6	3	-3	-6		
23			-132.38						
24	98	2.77E-06		6	3	-3	-6		
25			-7.33754						
26	230	3.46E-07		6.0206	3.0103	-3.0103	-6.0206		
27									

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Permanent link: <https://help.go-ci.com/vcs:importprofile?rev=1715792261>

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