



VEBKO ONLINE HELP

“Calculated Assessment” Tab

Category	tester
Section	AMT Sequencer Module
Language	English
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In the "Calculated Assessment" tab of the "Measurement View" window, the mathematical operation can be performed between the assessments to create a new assessment and evaluate the test. It means that in this tab, a new parameter can be created in the specified mathematical operation that is performed for the "Actual" values of the assessments, and the parameter can be evaluated by the "Act" values that are selected from the "Ramp Assessment" and "Value Assessment" tabs. After specifying the name for the assessment, the intended mathematical operation in the "Calc" column will be selected. In the "X" and "Y" columns, one of the performed assessments will be selected in the "Ramp Assessment" and "Value Assessment". Note that, the values that are positioned in the "X" and "Y" columns are in fact, the "Act" value of the performed assessments entered in these columns. For simpler separation of the evaluation names, the two letters of "V" and "R" that represent the "Value Assessment" and "Ramp assessment" are used.

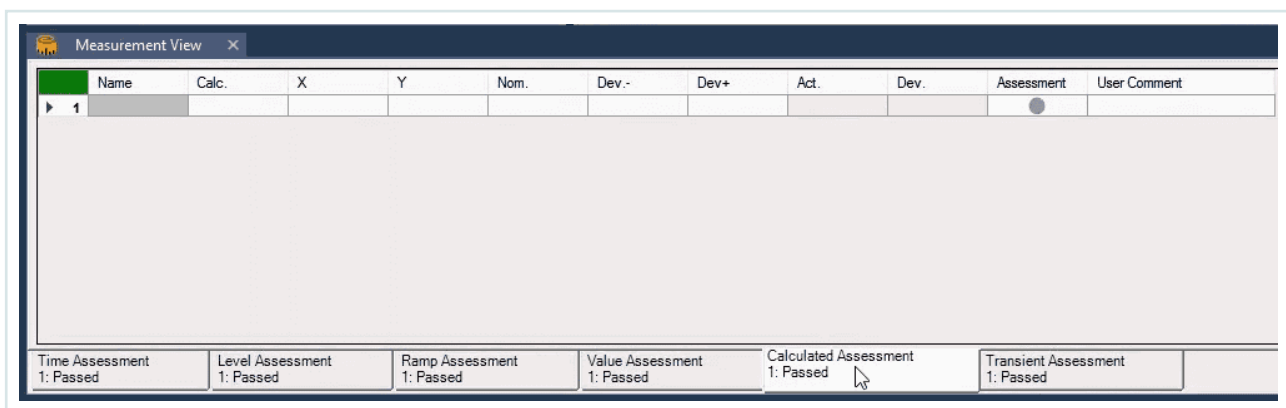


Figure 1

In the "Nom" column, the expected nominal value and in the "Dev+" and "Dev-" the positive and negative tolerances will be entered. The true result of the selected mathematical operation in the "Calc" column will be shown in the "Act" column and its deviation from the expected value will be shown in the "Dev" column and in percent. In the "Assessment" column, the result of the created assessment will be specified. If the "Act" value is in the allowable range, the result of the assessment will be "Passed" with a green-colored sign. Otherwise, it will be "Failed" with a red-colored cross. In the "User Comment" column, you can enter your comment if you have any.

In this test, in the "Ramp Assessment" tab, an assessment with the name of "Voltage" is performed for the "V L1-E" voltage that will be entered in the "X" column. In addition, in the "Value Assessment," an evaluation with the name of "Current" is performed for the "IL1" that will be entered in the "Y" column. In the "Calc" column, the "X/Y" operation is selected. As you know, by dividing the voltage to current, resistance will be calculated. Therefore, the name of this assessment is entered as "Resistance". After specifying the "X" and "Y" columns values, the "Act" value is shown. In the "Nom" column, the nominal values are 15.7 and the "Dev+" and "Dev-" values are entered as 0.5. you can see that the "Act" is about 0.26 percent different from the nominal value specified by the user and the assessment is "Passed".



	Name	Calc.	X	Y	Nom.	Dev. -	Dev +	Act.	Dev.	Assessment	User Comment
▶ 1	Resistance	X/Y	R (01): Voltage	V (01): Current	15.7000	0.5000	0.5000	15.7416	0.26 %	+	

Figure 2

[jg1]Calculated_Assessment_Tab