



VEBKO ONLINE HELP

“Search Test” Tab

Category	tester
Section	AMT Distance Module
Language	English
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After performing "Shot Test" and "Check Test" in "Distance" room, it is time to do "Search Test". The purpose of this test is to find the Exact location of characteristic curve line. To perform a "Search Test", first it is necessary to draw lines named "Search Line" in different parts of the diagram which is the same as the method explained for "Check Line". And all of mentioned notes for check line is true for search line too. After drawing the "Search Line", the software evaluates the crossing place of "Search Line" and tolerance lines as "Shot" test in accordance with the performance of the relay. By performing the test, the software interpolates the characteristic curve by testing some points on the search line to find the exact location of the characteristic curve. Other parts of this section such as "Fault Type" and "Remove All" and "Sequence" etc. options are the same at those of "Shot Test" section which have been explained in previous videos. The ignore field in the "Search Interval" is used when defined characteristic curve is not considered for the search line.

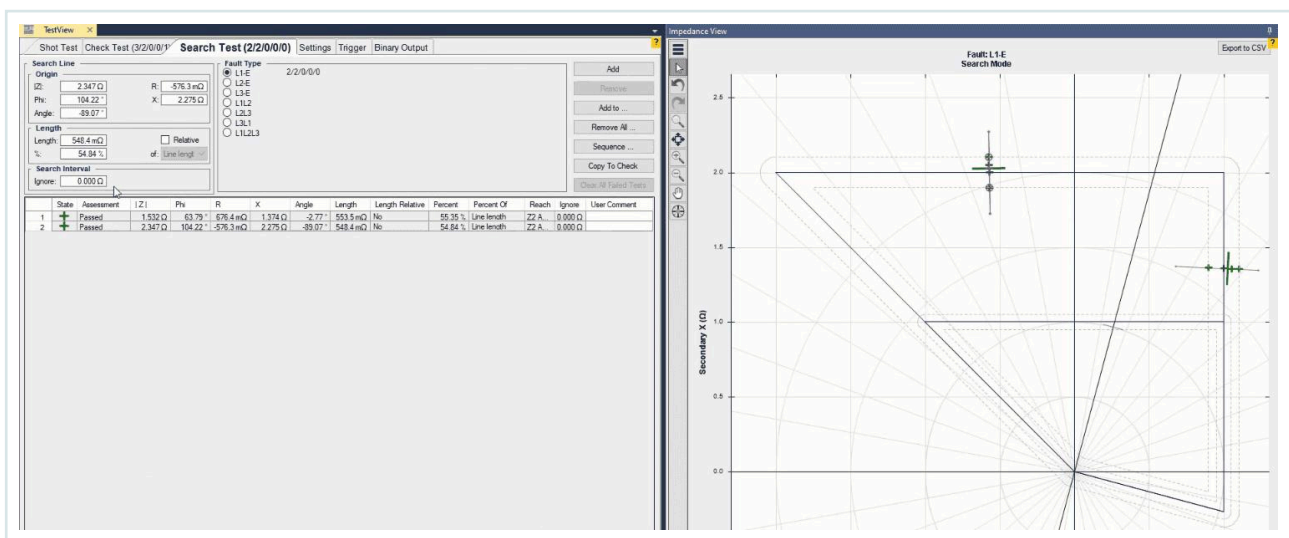


Figure 1

By entering a number in this section, some points are added on the "Search" line with the entered number as their distance. For example, by entering "150mQ" in this field, you can see that there are points added on the "Search Line" with as much as "150m" of distance. If the test is performed, the points added on the "Search Line" are tested one after the other so that the exact location of the relay is specified. This option is used when there is no characteristic curve for the test or the current characteristics seem to be wrong. If you want to do this for all drawn test lines, you can use the "Setting" tab in "Ignore Nominal Characteristic" section. To do so, by entering the value of "Search Interval" and selecting "Apply to all" option, you can apply this settings to all test lines and find the relay characteristic.

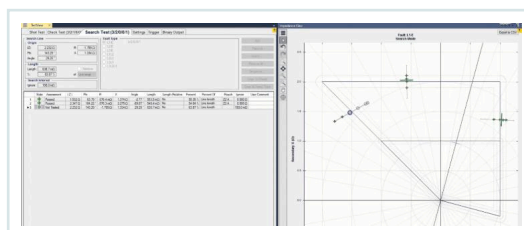




Figure 2

[jg1]SearchTest_Tab