**Graph Inside**

**Test Cases and Procedures**

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# Test Cases

### Test Case 1

**Test Case ID –** RBC.graph.inside.1

**Test Item –** The *inside* function of the *graph* BLT component.

**Input Specification –** A screen coordinate (X and Y)

**Output Specification –** Whether the screen coordinate is in the plot area

**Special Procedural Requirements –** None

**Inter-case Dependencies –** None

# Automated Tests

None

# Manual Tests

**Test Procedure – Inside: Not Inside**

**Purpose –** Ensure that inside returns 0 for when it is outside

**Special Requirements –** None

**Script –** RBC.graph.inside.1.tcl

**Procedural Steps**

* Setup – Call the “graph.inside::RBC.graph.inside.1.1.Setup” Tcl command
* Pre-Condition – A graph is displayed
* Body

1. Call the “graph.inside::RBC.graph.inside.1.1.Body” Tcl command

* Post-Condition – Command returns 0
* Cleanup – Call the “graph.inside::RBC.graph.inside.1.1.Cleanup” command

**Test Procedure – Inside: Inside**

**Purpose –** Ensure that inside returns 1 for when it is inside the plot.

**Special Requirements –** None

**Script –** RBC.graph.inside.1.tcl

**Procedural Steps**

* Setup – Call the “graph.inside::RBC.graph.inside.1.2.Setup” Tcl command
* Pre-Condition – A graph is displayed
* Body

1. Call the “graph.inside::RBC.graph.inside.1.2.Body” Tcl command

* Post-Condition – Command returns 1
* Cleanup – Call the “graph.inside::inside.graph.inside.1.2.Cleanup” command