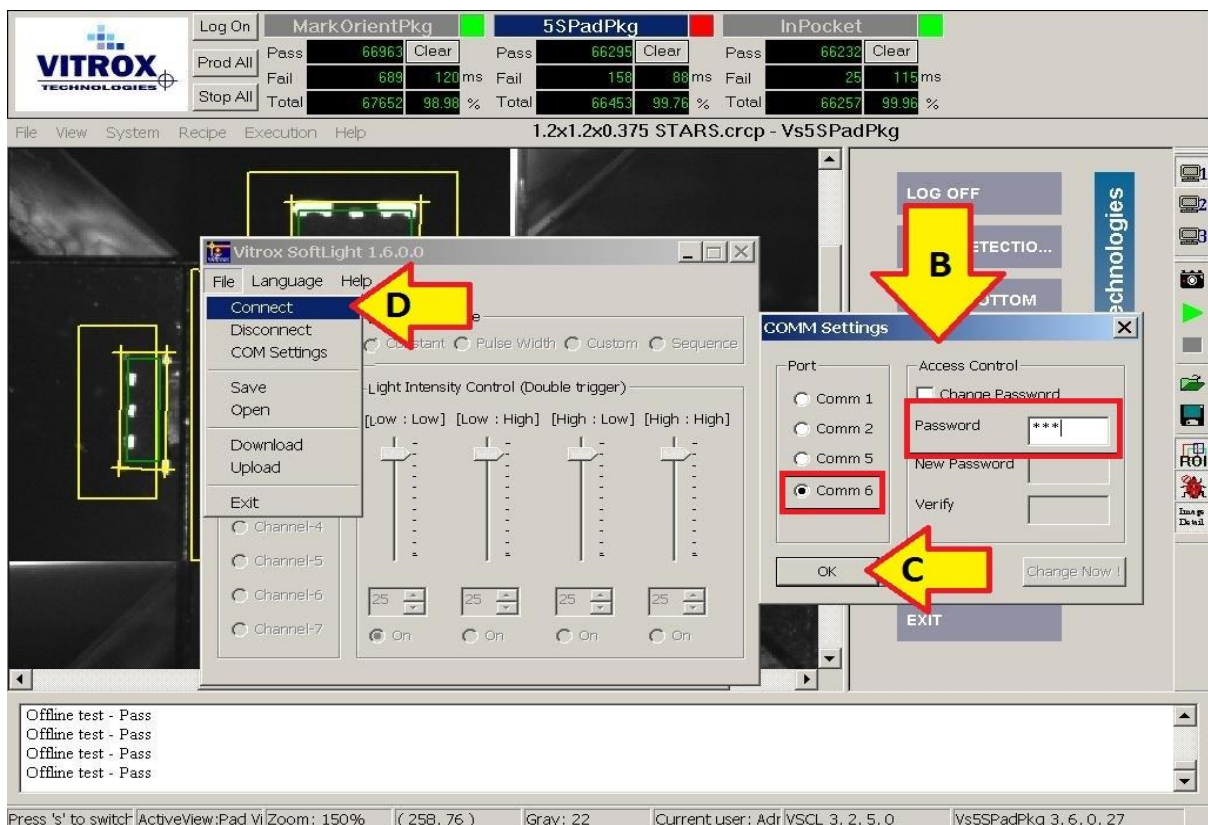
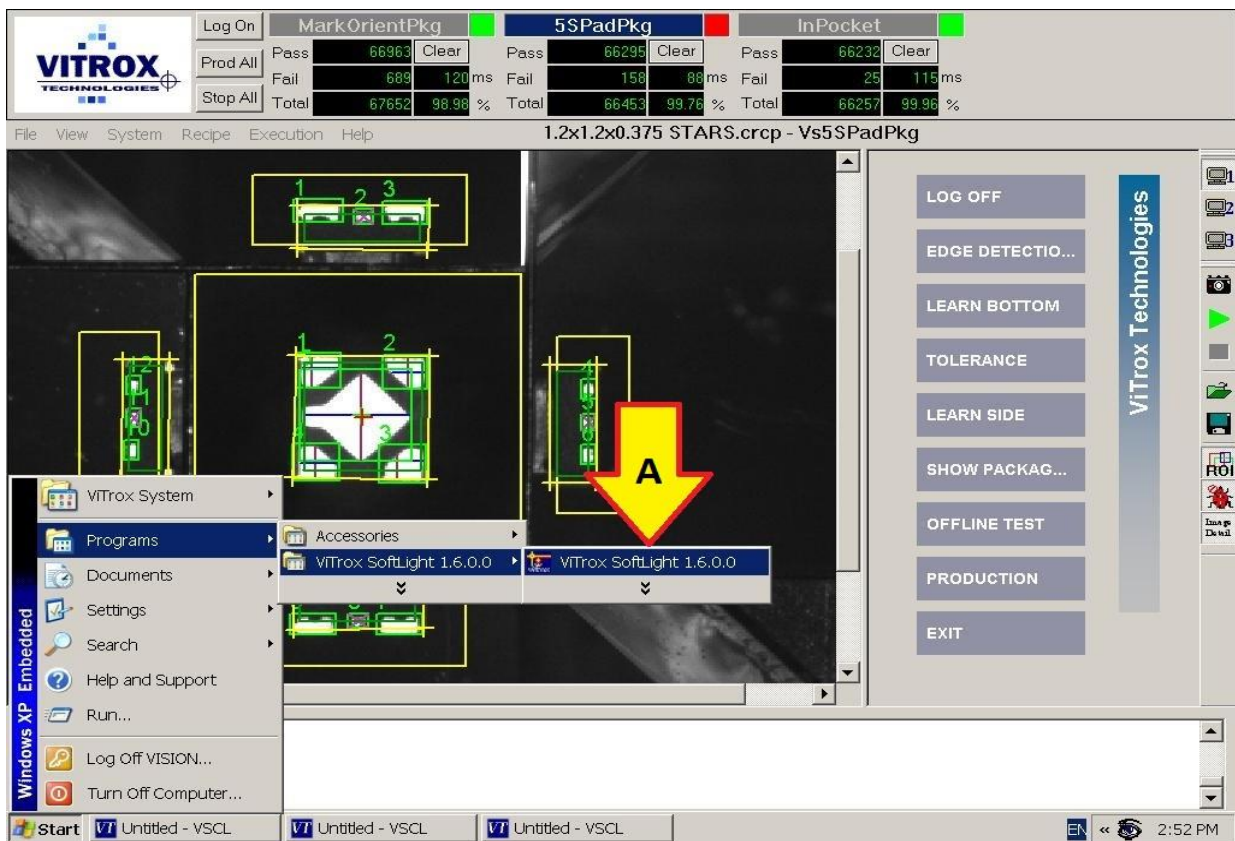
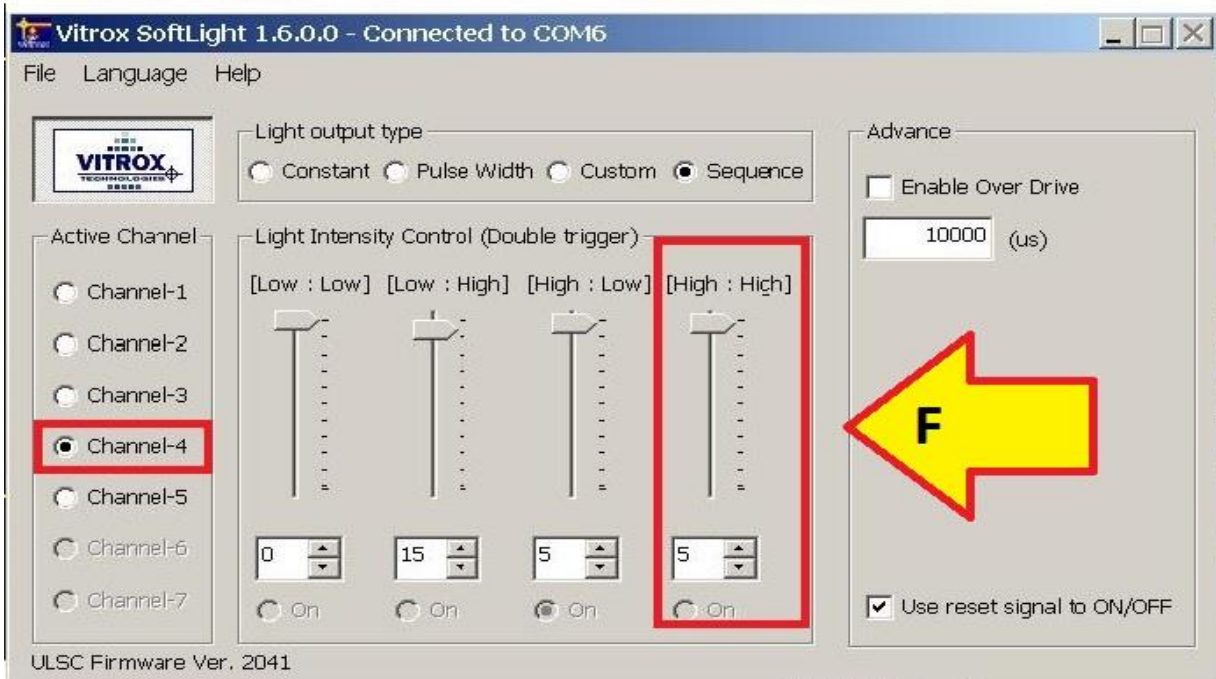
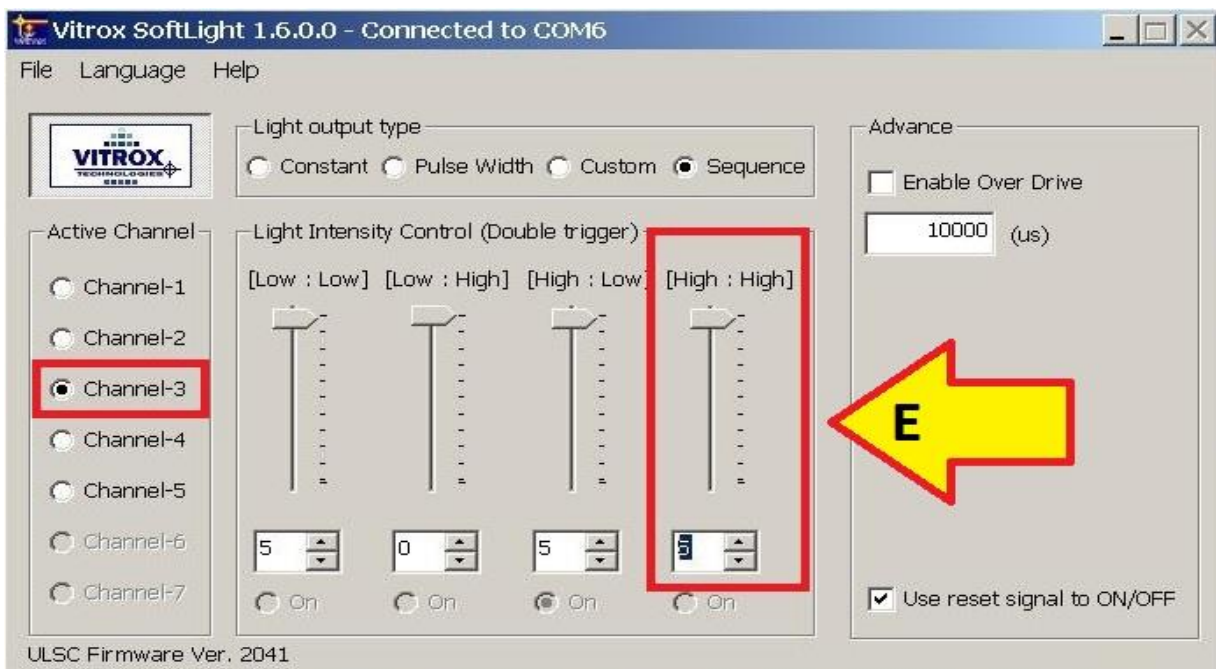
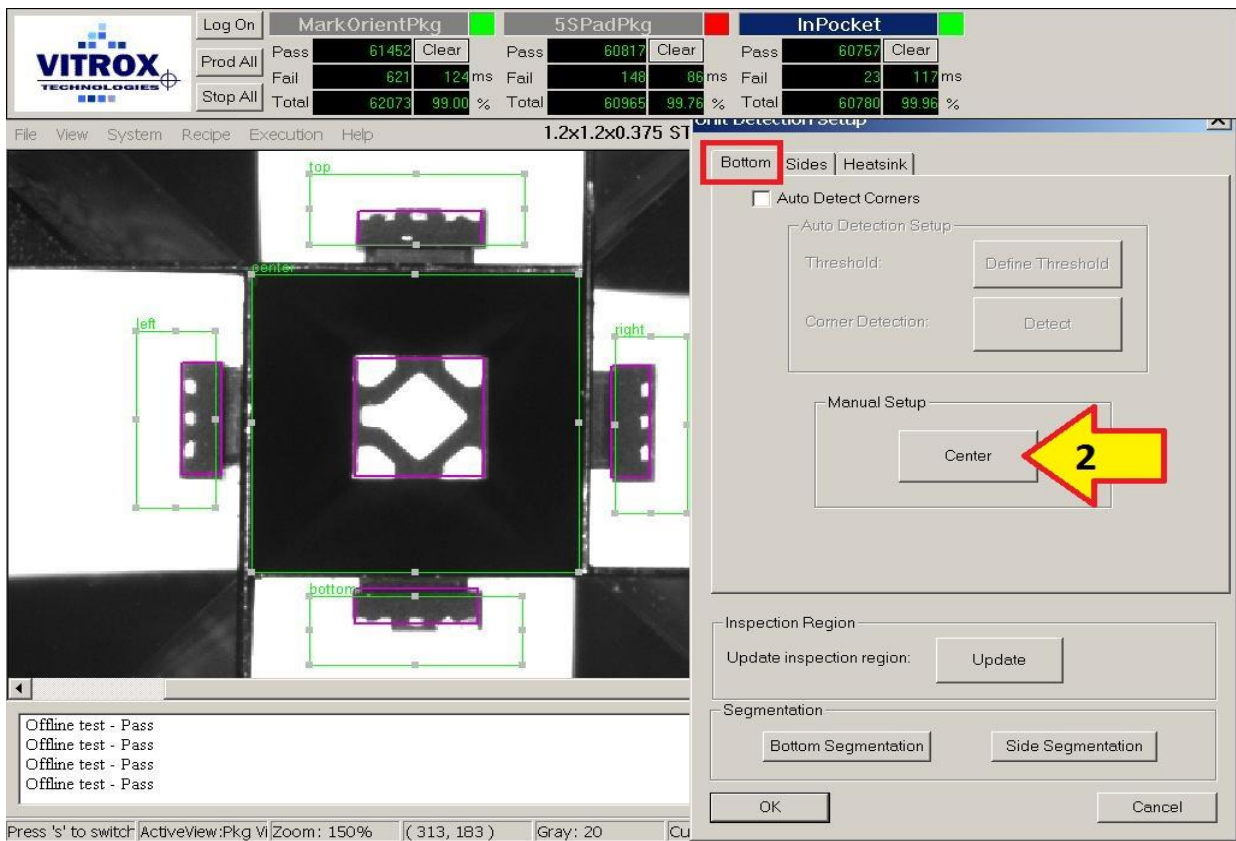
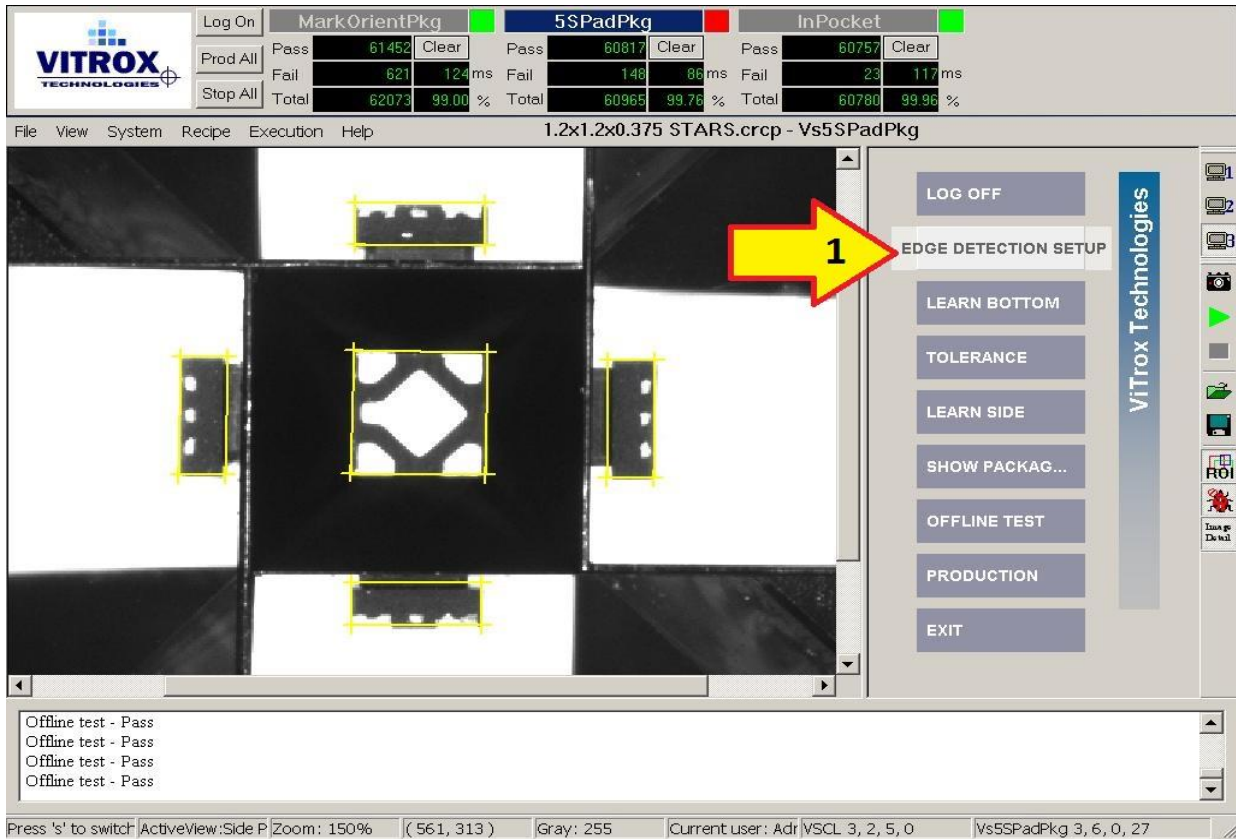


Vs5SPadPkg Center and Side Package White Background Edge Detection Setup







VITROX TECHNOLOGIES

Log On	MarkOrientPkg	5SPadPkg	InPocket
Prod All	Pass 61452 Clear	Pass 60817 Clear	Pass 60757 Clear
Stop All	Fail 621 124ms	Fail 148 86ms	Fail 23 117ms
	Total 62073 99.00 %	Total 60965 99.76 %	Total 60780 99.96 %

File View System Recipe Execution Help

1.2x1.2x0.375 STARS.crcp - Vs5SPadPkg

A. Left Click/Select one of the Edge ROI
B. Press " Right Click "
C. Click Check Box Apply To All 4 Edges ROIs
D. Set All Settings.
E/3. Set Threshold

Properties of : Top Edge

Search Direction:
☐ Search Inside Out ☒ Search Outside In

Edge Type:
☐ White To Black ☒ Black To White

Edge Properties:
☒ Manual threshold
 Threshold : 60
 Derivative : 15
 Edge Thickness : 3

Edge Priority:
☐ Possible Multiple Edges
☒ First Edge ☐ Last Edge

☒ Apply To All 4 Edge ROIs

OK Cancel

ROI for edge searching

Use mouse to set the position and size of the ROI. Right click to set the properties of the ROI

Example :

Mode:
☐ Manual

Estimate Which Edge?:
☐ Top
☐ Left ☐ Right
☒ Bottom

OK Cancel

Offline test - Pass
 Offline test - Pass
 Offline test - Pass
 Offline test - Pass

Press 's' to switch ActiveView:Pkg Vi Zoom: 150% (342, 186) Gray: 20 Current user: Adr VSCL 3, 2, 5, 0 Vs5SPadPkg 3, 6, 0, 27

VITROX TECHNOLOGIES

Log On	MarkOrientPkg	5SPadPkg	InPocket
Prod All	Pass 61452 Clear	Pass 60817 Clear	Pass 60757 Clear
Stop All	Fail 621 124ms	Fail 148 86ms	Fail 23 117ms
	Total 62073 99.00 %	Total 60965 99.76 %	Total 60780 99.96 %

File View System Recipe Execution Help

1.2x1.2x0.375 STARS.crcp - Vs5SPadPkg

A. Refer Threshold Image
B. Threshold Value 50 to 80

Advance Setting

Threshold:
 60

☐ Auto Threshold

OK Cancel

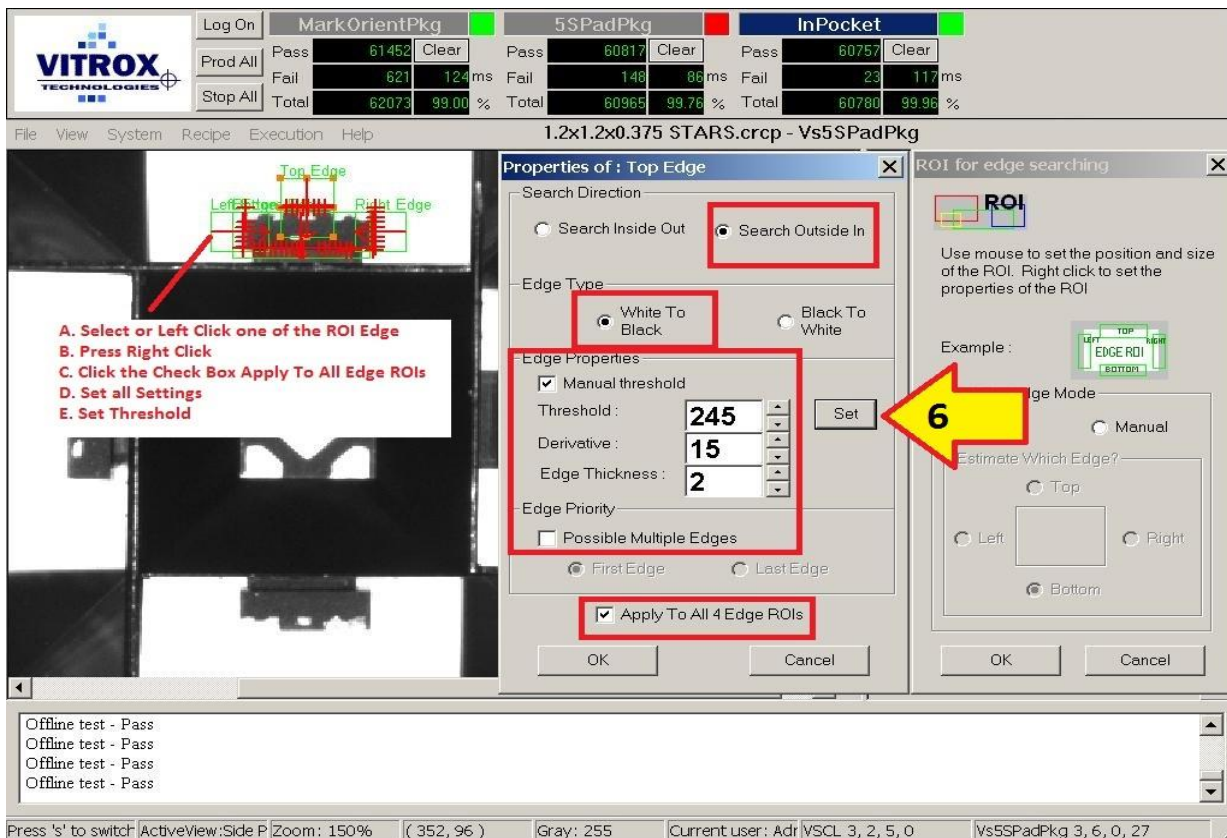
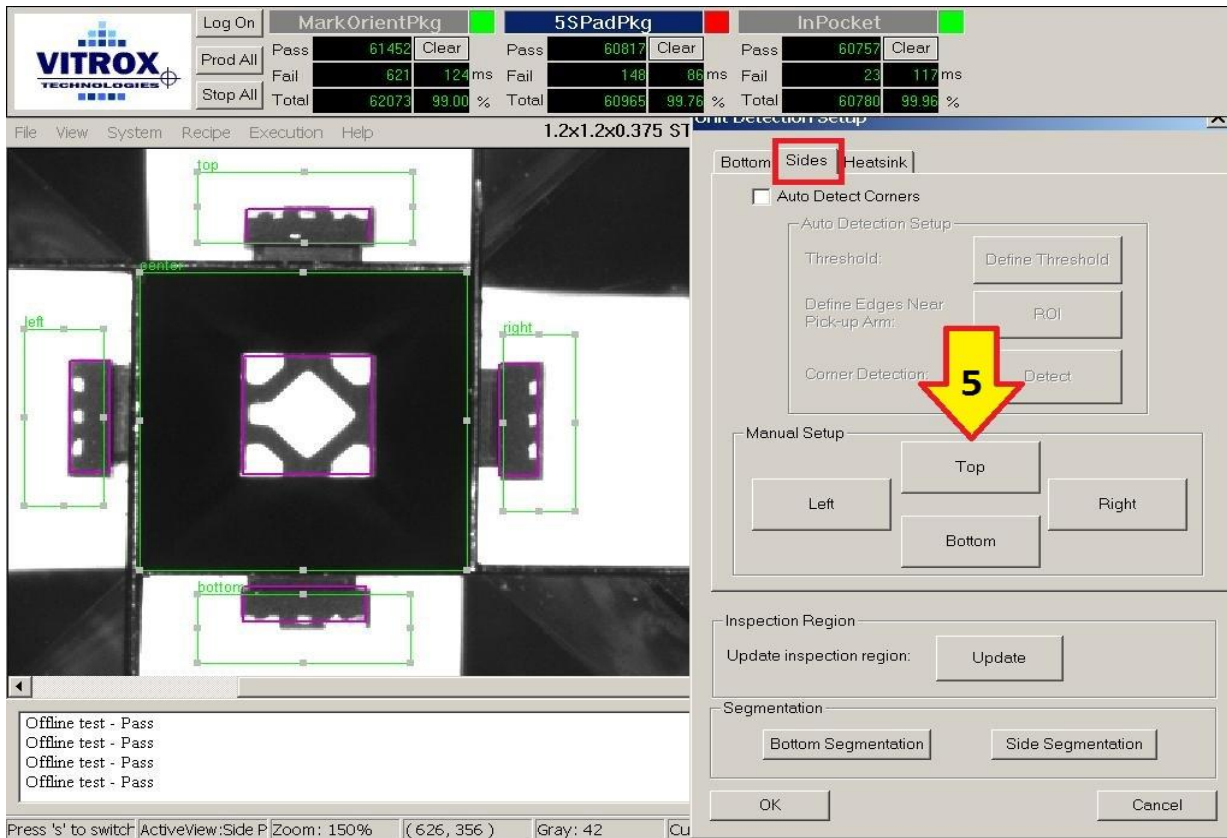
Estimate Edge Mode:
☒ Auto ☐ Manual

Estimate Which Edge?:
☐ Top
☐ Left ☐ Right
☒ Bottom

OK Cancel

Offline test - Pass
 Offline test - Pass
 Offline test - Pass
 Offline test - Pass

Press 's' to switch ActiveView:Pkg Vi Zoom: 150% (342, 186) Gray: 20 Current user: Adr VSCL 3, 2, 5, 0 Vs5SPadPkg 3, 6, 0, 27



VITROX TECHNOLOGIES

Log On | MarkOrientPkg | **5SPadPkg** | InPocket

Prod All	Pass	61452	Clear	Pass	60817	Clear	Pass	60757	Clear
Stop All	Fail	621	124 ms	Fail	148	86 ms	Fail	23	117 ms
	Total	62073	99.00 %	Total	60965	99.76 %	Total	60780	99.96 %

File View System Recipe Execution Help

1.2x1.2x0.375 STARS.crcp - Vs5SPadPkg

A. Refer Threshold Image
B. Threshold Value from 230 to 250

ROI for edge searching

Advance Setting

Threshold: 245

Auto Threshold

OK Cancel

Estimate Edge Mode

Auto Manual

Estimate Which Edge?

Top Left Right Bottom

OK Cancel

Offline test - Pass
Offline test - Pass
Offline test - Pass
Offline test - Pass

Press 's' to switch | ActiveView:Side P | Zoom: 150% | (352, 96) | Gray: 255 | Current user: Adr | VSCL 3, 2, 5, 0 | Vs5SPadPkg 3, 6, 0, 27

VITROX TECHNOLOGIES

Log On | MarkOrientPkg | **5SPadPkg** | InPocket

Prod All	Pass	61452	Clear	Pass	60817	Clear	Pass	60757	Clear
Stop All	Fail	621	124 ms	Fail	148	86 ms	Fail	23	117 ms
	Total	62073	99.00 %	Total	60965	99.76 %	Total	60780	99.96 %

File View System Recipe Execution Help

1.2x1.2x0.375 STARS.crcp - Vs5SPadPkg

A. Select/Left Click the Edge ROI "Near the Pickup Head"
B. Right Click to Open the Edge Properties
C. Search Direction is Inside-Out from device to pickup head (if Bottom Edge ROI should be Top to Bottom Search Direction)
D. Edge Type should be Black to White
E. Set Threshold

Properties of : Bottom Edge

Search Direction

Bottom To Top Top To Bottom

Edge Type

White To Black Black To White

Edge Properties

Manual threshold

Threshold: 60

Derivative: 15

Edge Thickness: 2

Set

Edge Priority

Possible Multiple Edges

First Edge Last Edge

Apply To All 4 Edge ROIs

OK Cancel

ROI for edge searching

ROI

Use mouse to set the position and size of the ROI. Right click to set the properties of the ROI

Example:

TOP LEFT EDGE ROI RIGHT BOTTOM

Estimate Edge Mode

Auto Manual

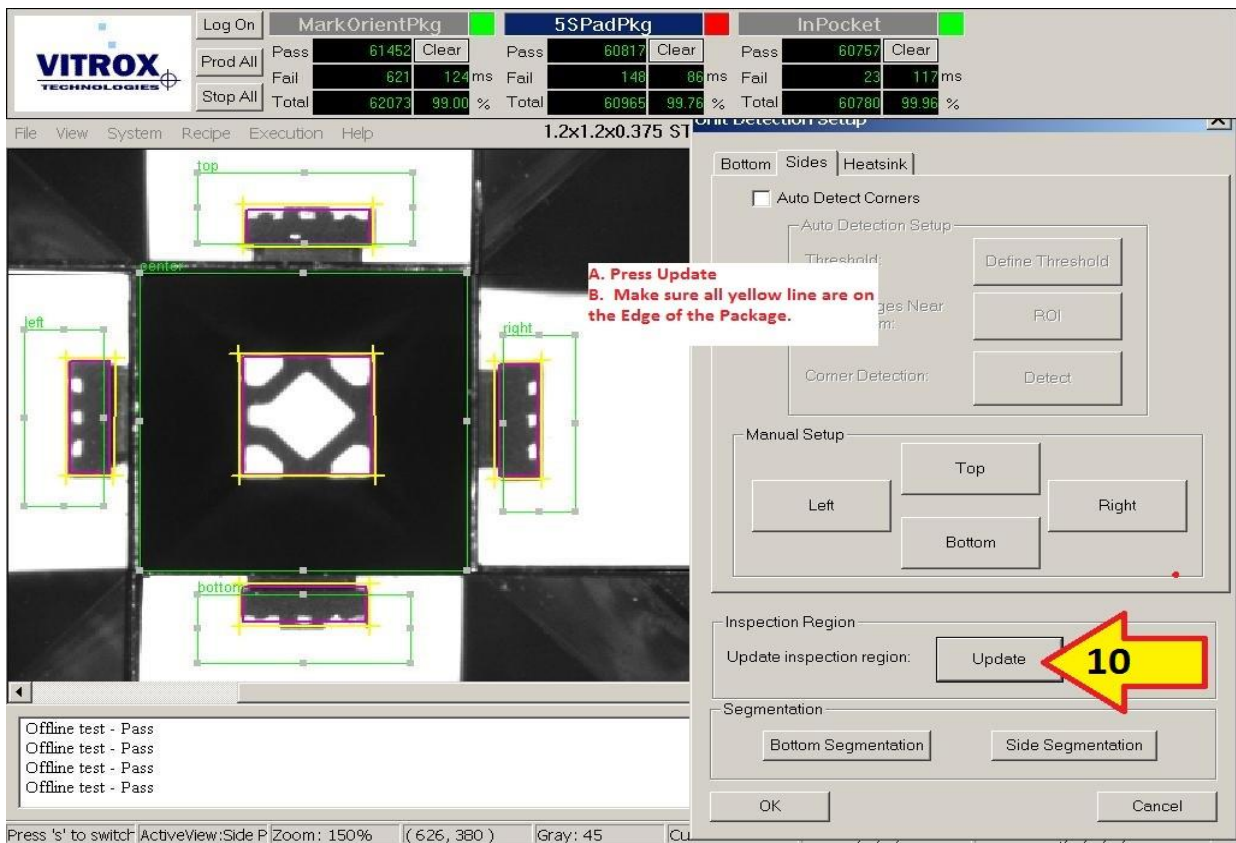
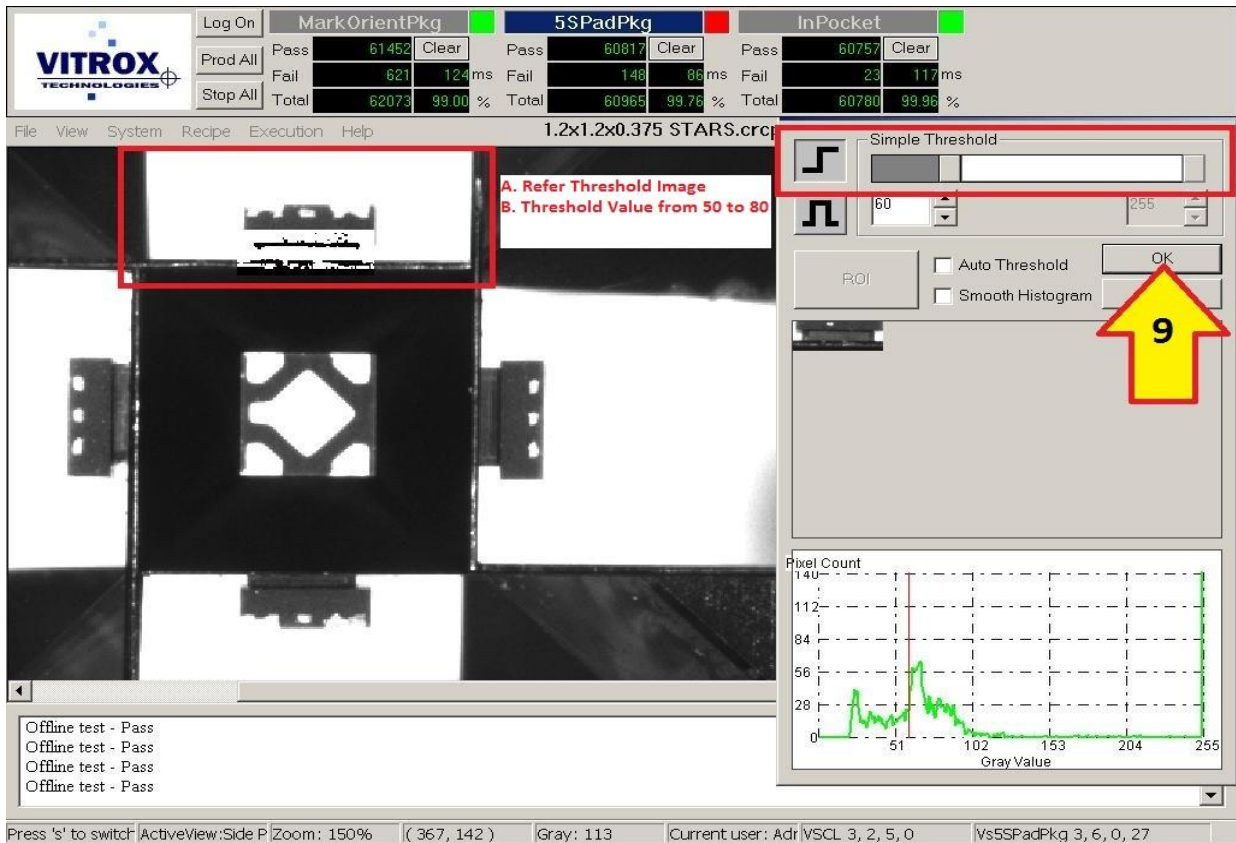
Estimate Which Edge?

Top Left Right Bottom

OK Cancel

Offline test - Pass
Offline test - Pass
Offline test - Pass
Offline test - Pass

Press 's' to switch | ActiveView:Side P | Zoom: 150% | (348, 147) | Gray: 88 | Current user: Adr | VSCL 3, 2, 5, 0 | Vs5SPadPkg 3, 6, 0, 27



Vs5SPadPkg 1x1x0.375 Center Package Edge Detection Setup

Remarks: Unit Versus Pickup Head is almost the same size which need to setup the Center ROI by referring on Side Package Edge

