

CBD

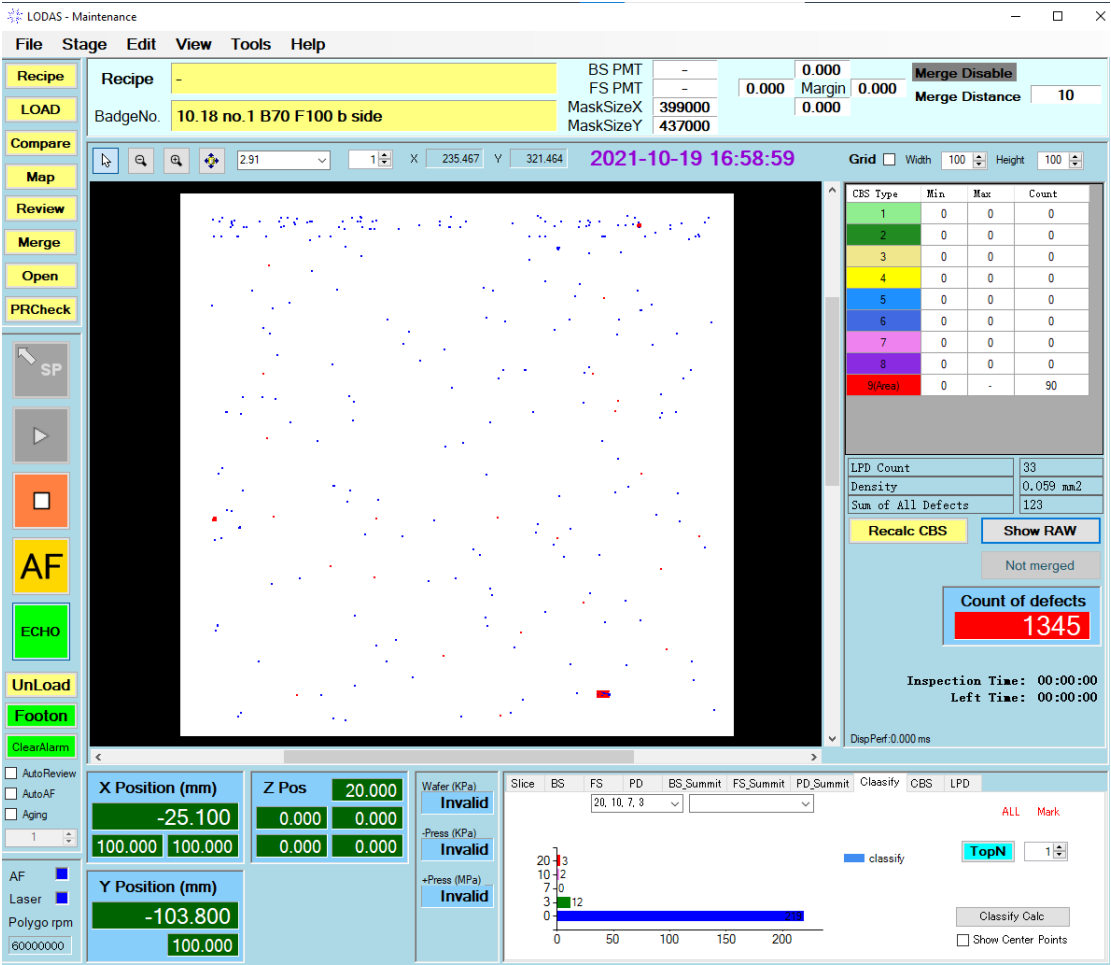
Classify Based on Distance

Function Description

Defect classification is to classify two relatively close defects into one class

Original inspection result

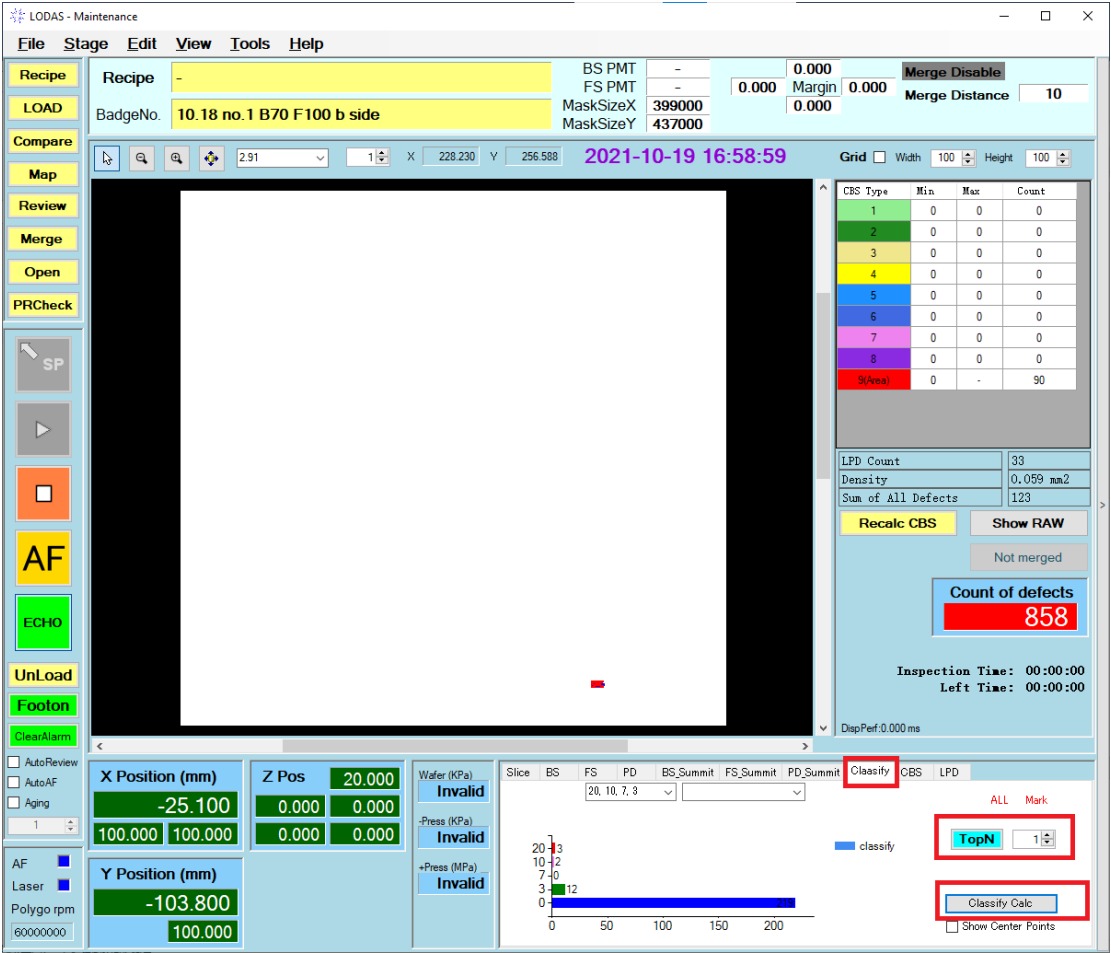
The total number of defects shown is 1345



CBD calculate result

If only top1 is displayed

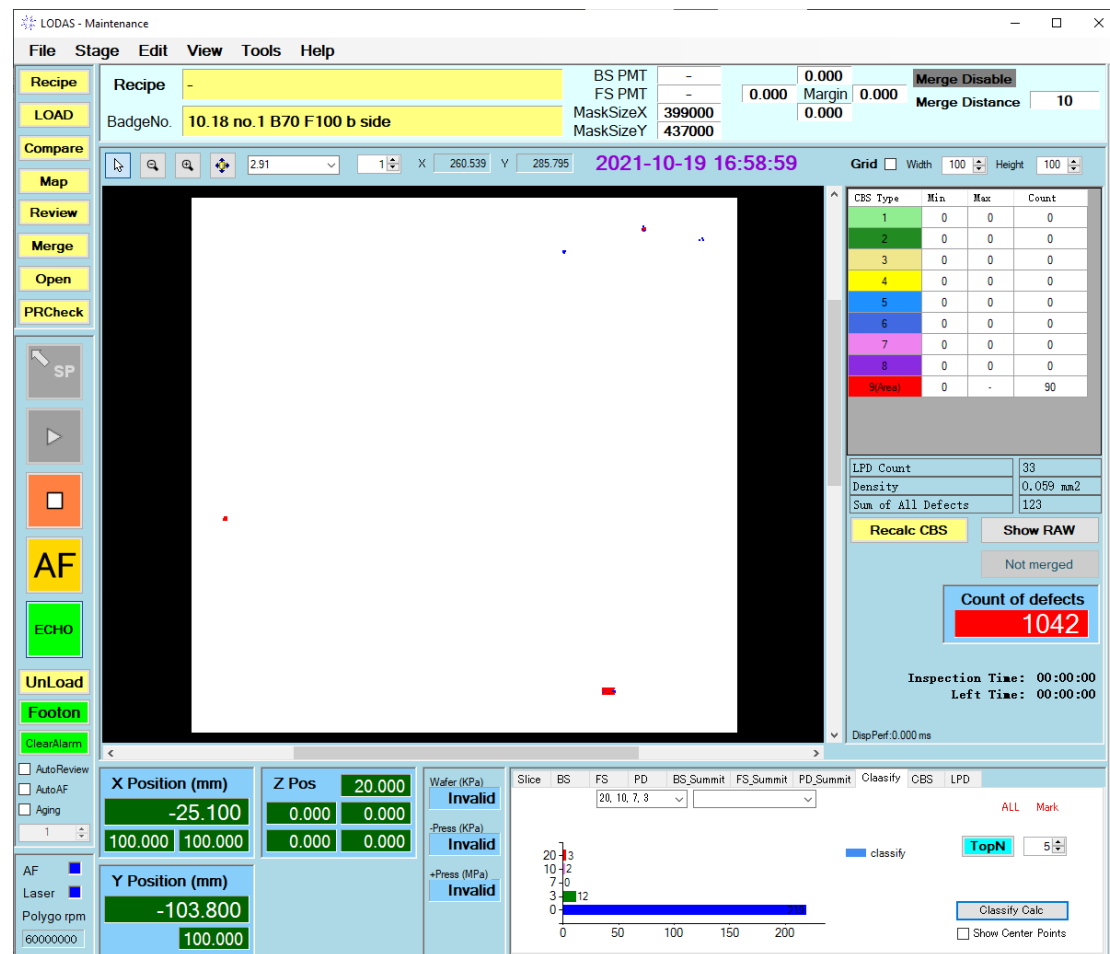
There is only one big defect shown in the map, The total number of defects is 858, That is to say, the largest defect after this classification is composed of 858 small defects.



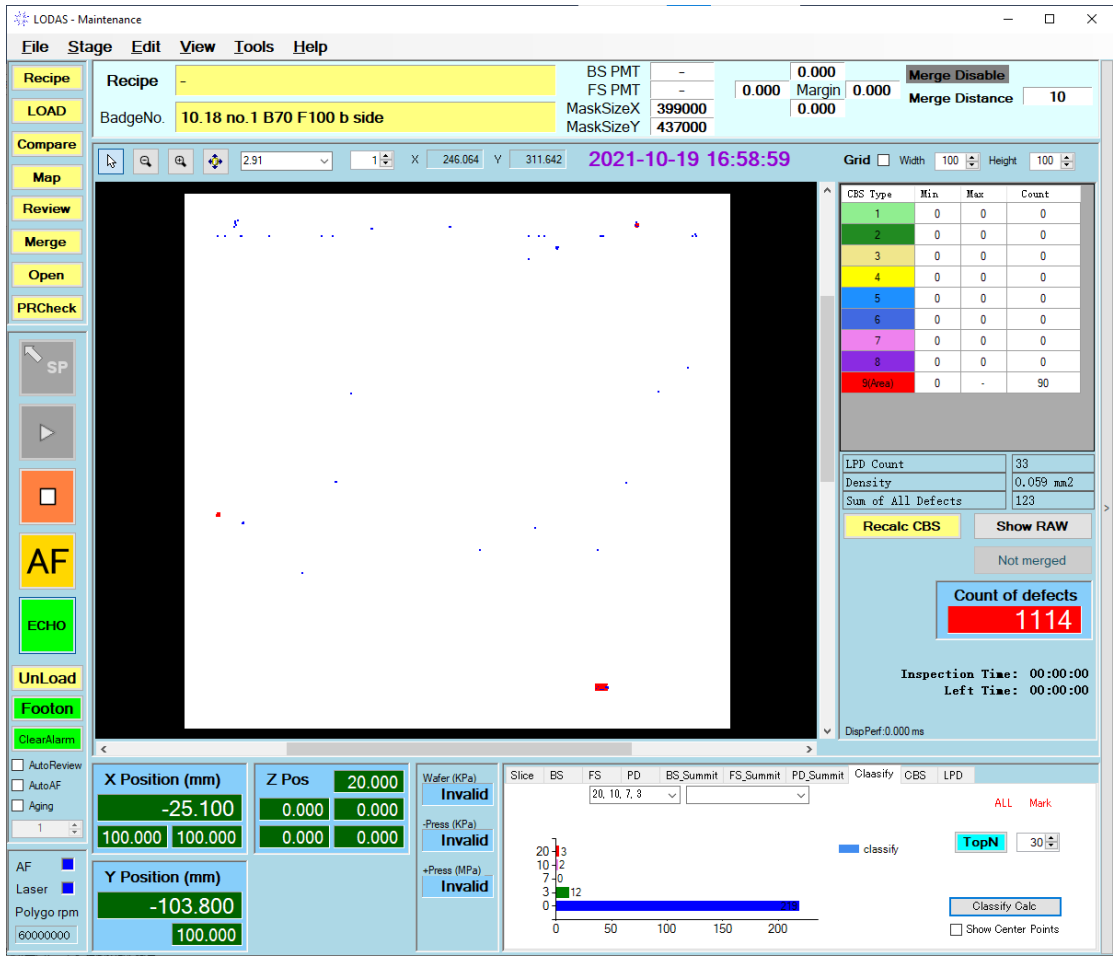
The red box points out how to use the classify function and how to set topN

If only top5 is displayed

Only 5 large defects are shown on the map. The total number of defects is 1042, That is, the 5 large defects consist of a total of 1042 small defects



top30 is displayed



CBS

Classify Based on Signal strength.

Function Description

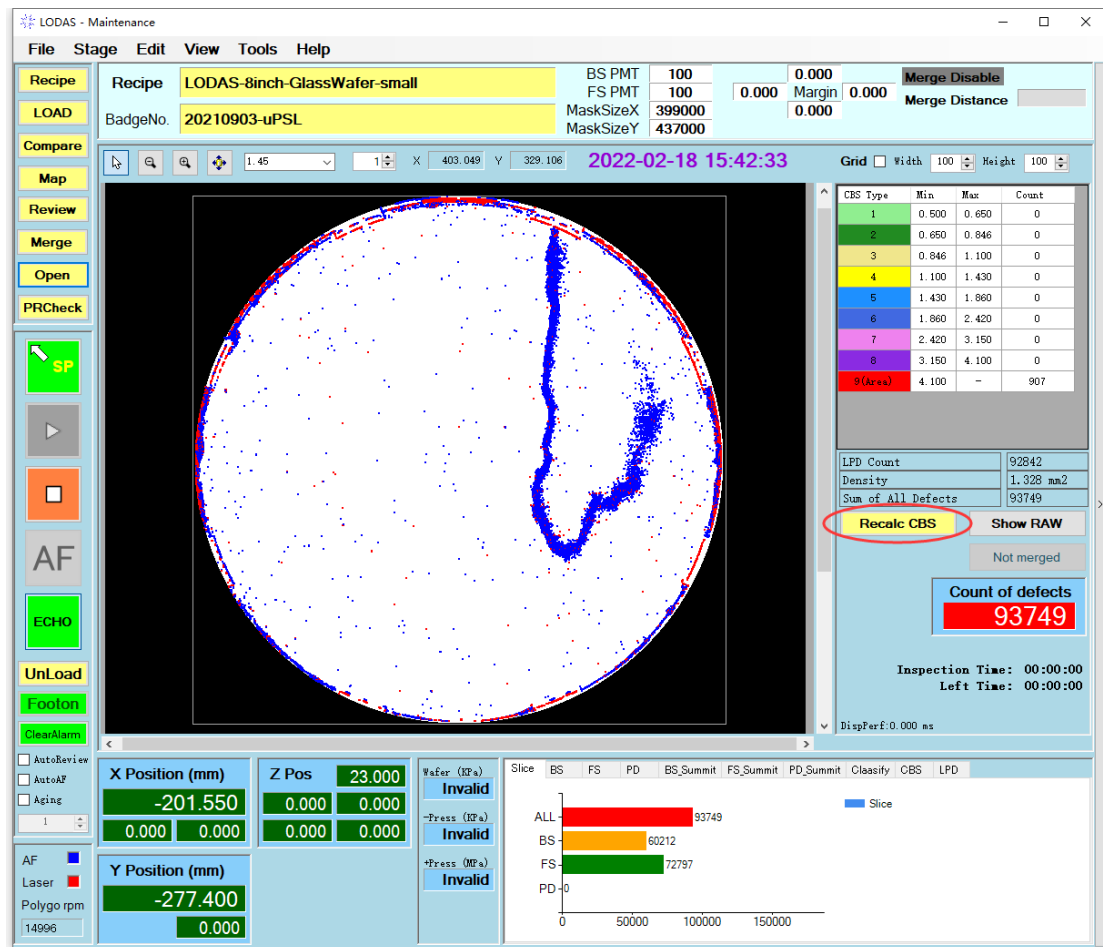
There is a certain relationship between Signal strength and defect size, So it can also be interpreted as Classify Based on Size.

The relationship between signal strength (also called slice) and defect size (also called CBS value, Units are microns) is as follows

The image shows a 'Recipe Selection' dialog box with a 'CBS Config' tab. The dialog box contains a 'RecipeFile' field with the path 'D:\usr\LODAS\Recipe\LODAS-8inch-GlassWafer-small.rcp', a 'Badge No' field with the value '1', and a table with 9 rows. The table has columns for 'No.', 'Color', 'Enable', 'Slice', and 'CBS Value'. The 'Enable' column contains checkboxes, all of which are checked. The 'CBS Value' column contains numerical values ranging from 0.500 to 4.100. Below the table, there is a checkbox for 'Auto Calc CBS' which is checked, and three buttons: 'Insert Row', 'Delete Row', and 'Default Value'. At the bottom of the dialog box, there are three buttons: 'Save', 'OK', and 'Cancel'.

No.	Color	Enable	Slice	CBS Value
1	Blue	<input checked="" type="checkbox"/>	200	0.500
2	Green	<input checked="" type="checkbox"/>	600	0.650
3	Yellow	<input checked="" type="checkbox"/>	1000	0.846
4	Orange	<input checked="" type="checkbox"/>	1400	1.100
5	Red	<input checked="" type="checkbox"/>	1800	1.430
6	Purple	<input checked="" type="checkbox"/>	2200	1.860
7	Pink	<input checked="" type="checkbox"/>	2600	2.420
8	Light Blue	<input checked="" type="checkbox"/>	3000	3.150
9	Light Green	<input checked="" type="checkbox"/>	3400	4.100

After inspection, Defects are only divided into BS FS PD.



After using the CBS function for classification, A histogram representation of each intensity magnitude is displayed.

