

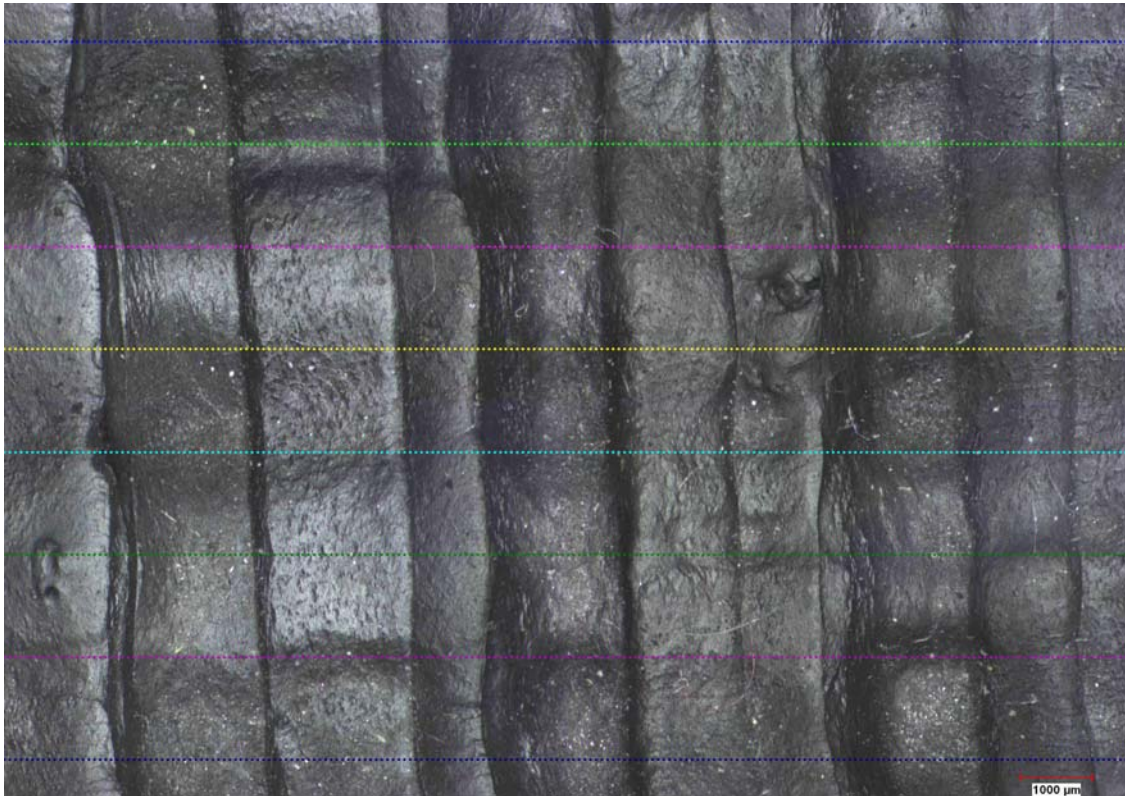
## Image Analysis Report # 999 B

<b>Samples submitted:</b> 3 Rubber samples	<b>Customer:</b> Michelin
Sample 2: Small thin 1" square rubber piece	Contact :

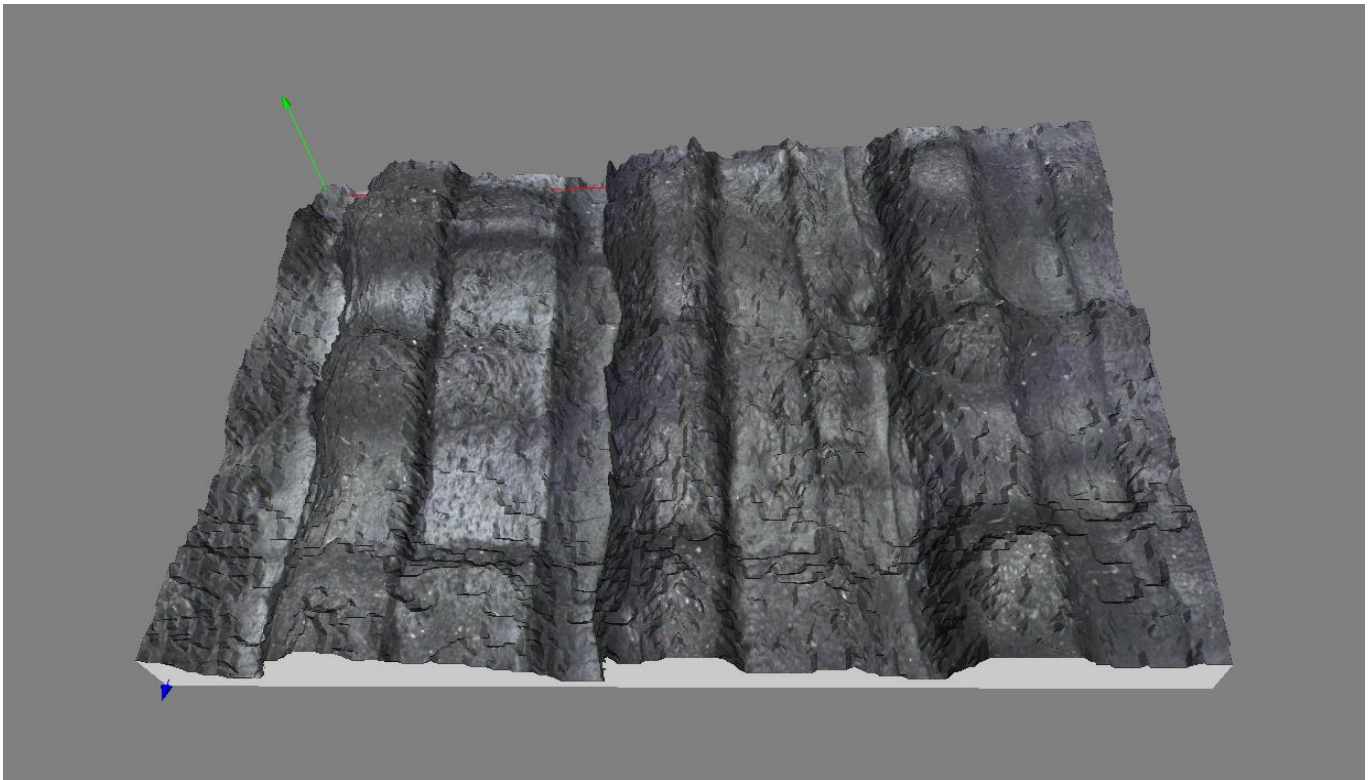
**Purpose of analysis:** Determine surface roughness with profiles and make 3D representation

**Procedure:** Part was fixed on glass slide and palaced on mechanical stage under Stereo Microscope. A multilayer image was constructed of 30 layers at 100 microns ( 3mm total) and a mosaic of 4 images was made of both the Multilayer and Topography images 8 lines were then drawn across the mosaic and profiles were measured at each location.

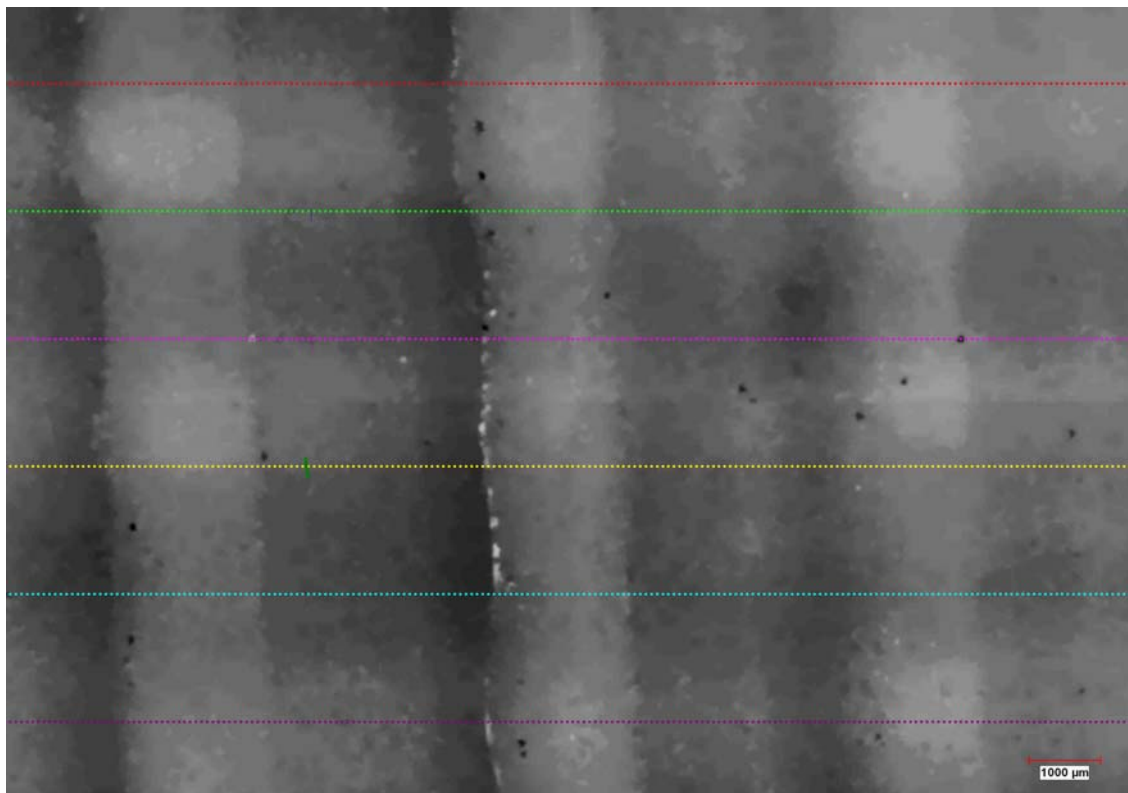
<b>Analysis parameters:</b>	Magnification used: 16X	Calibration Factor: 5.7 mic/pixel
	Camera used: 1.4 Mp Color CCI	Stage: manual
	Microscope: MZ 16A (0.5X)	Autofocus: MZ Motorfocus
	Number of samples anal 1	Number of fields/slide: 4
	Clemex Software used Vision PE 4.1	



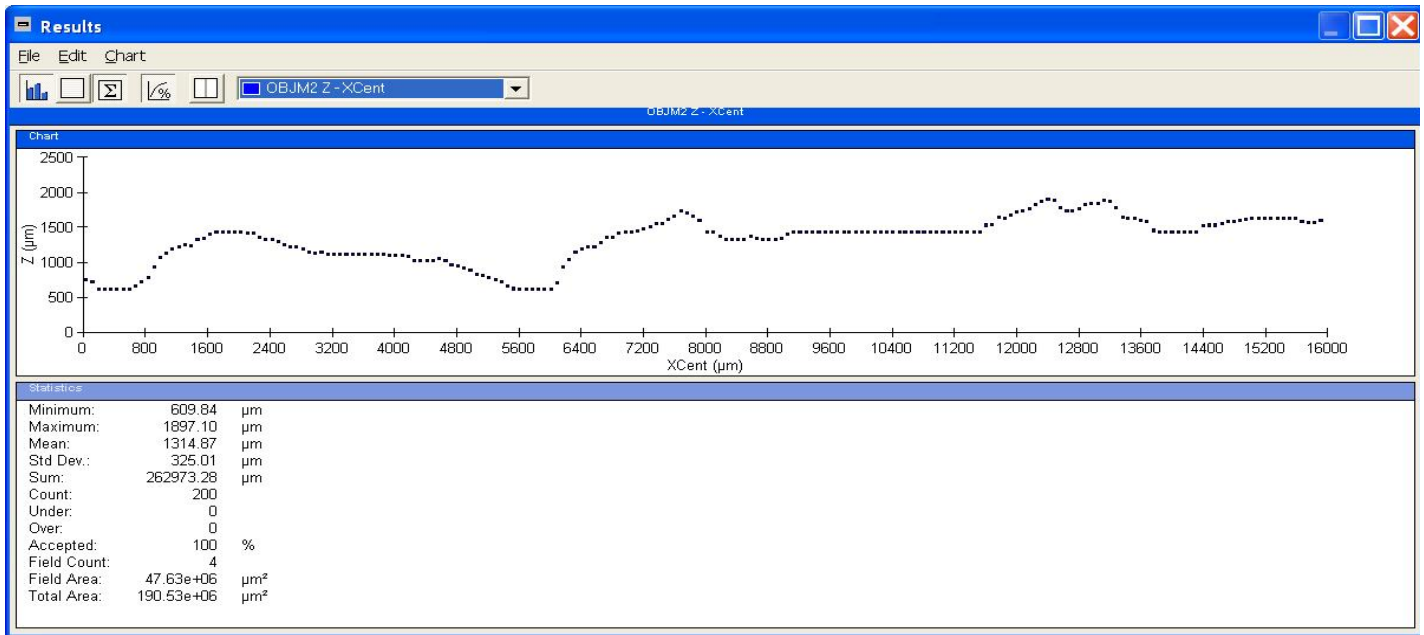
Multilayered image of 2x2 fields, with profile lines



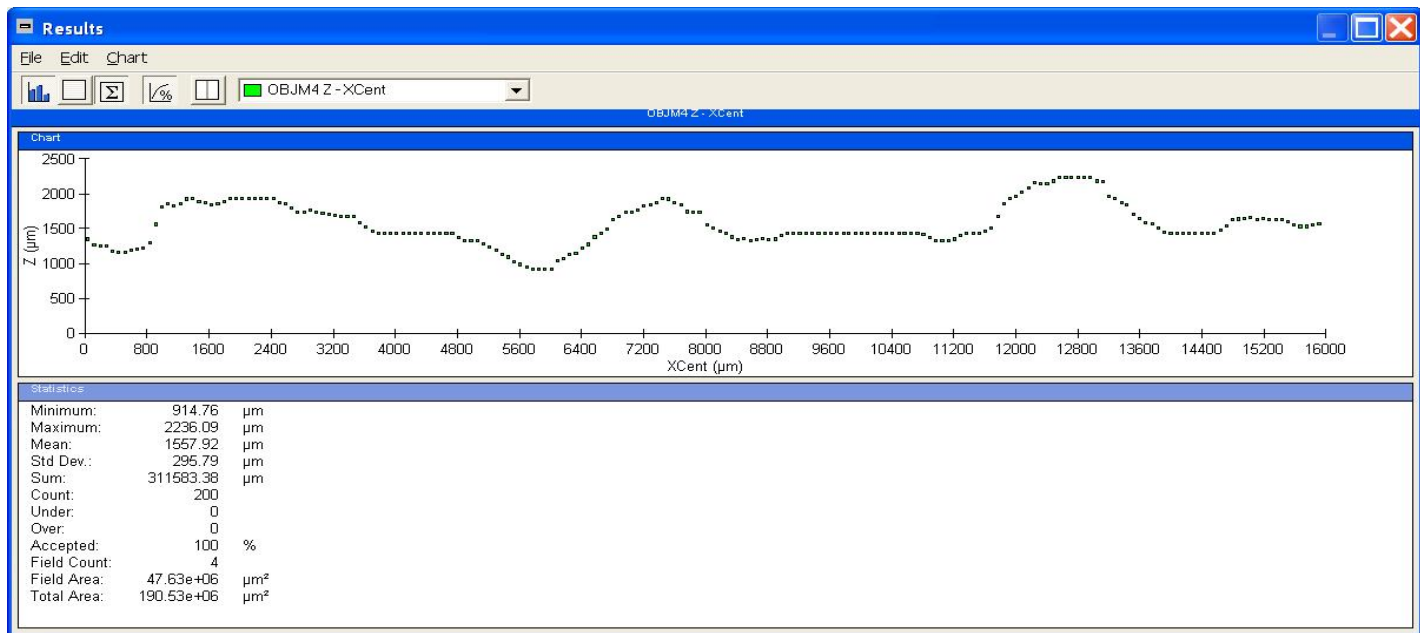
3D model of 2x2 fields mosaic



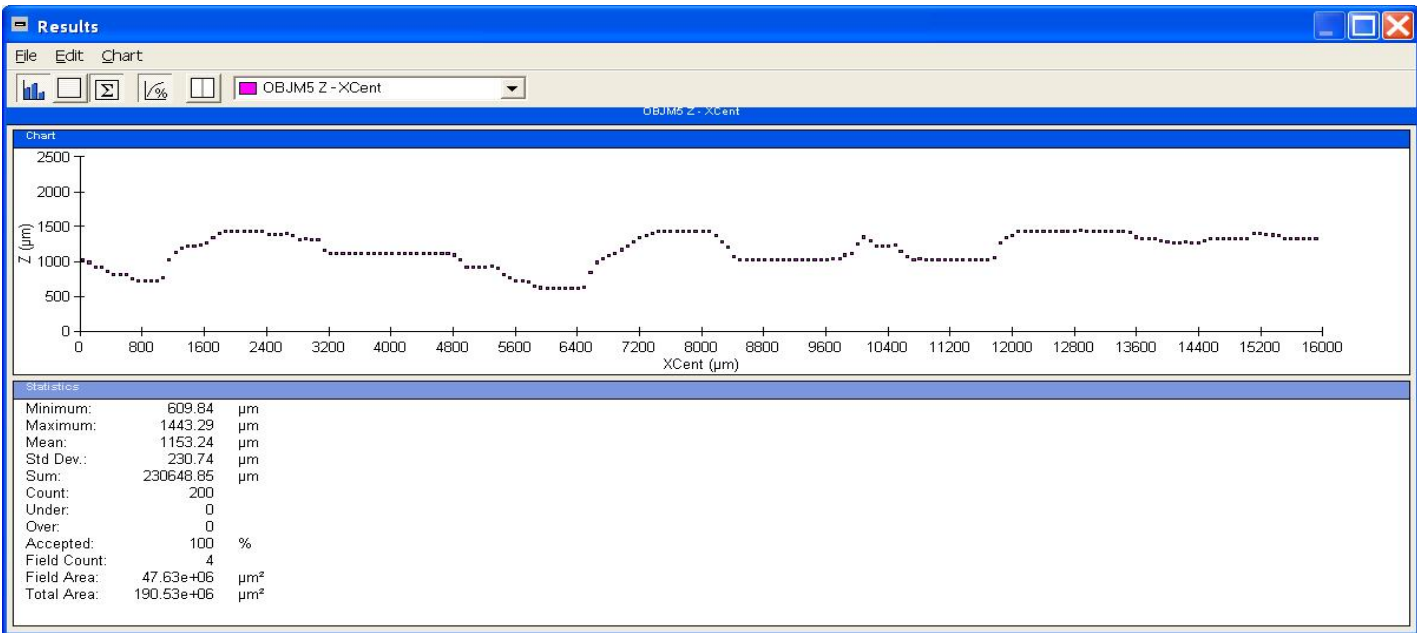
Topography mosaic of 2x2 fields showing profiles



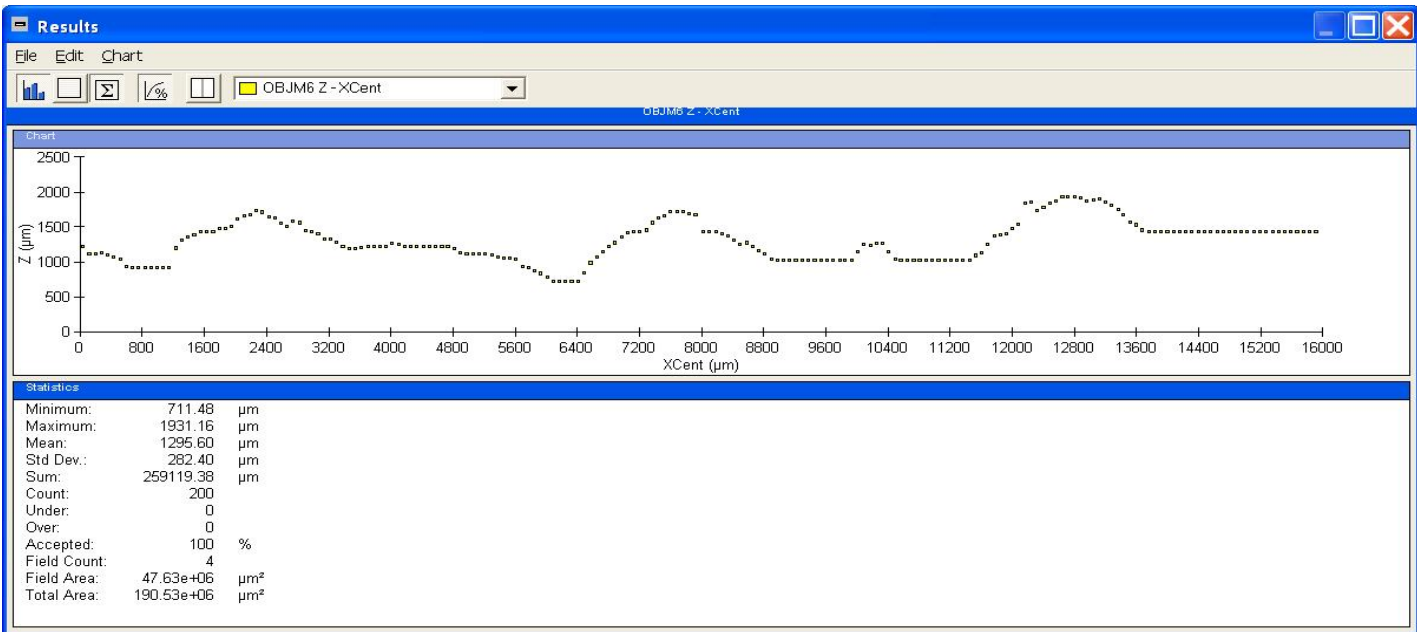
Line 1 (Blue) profile



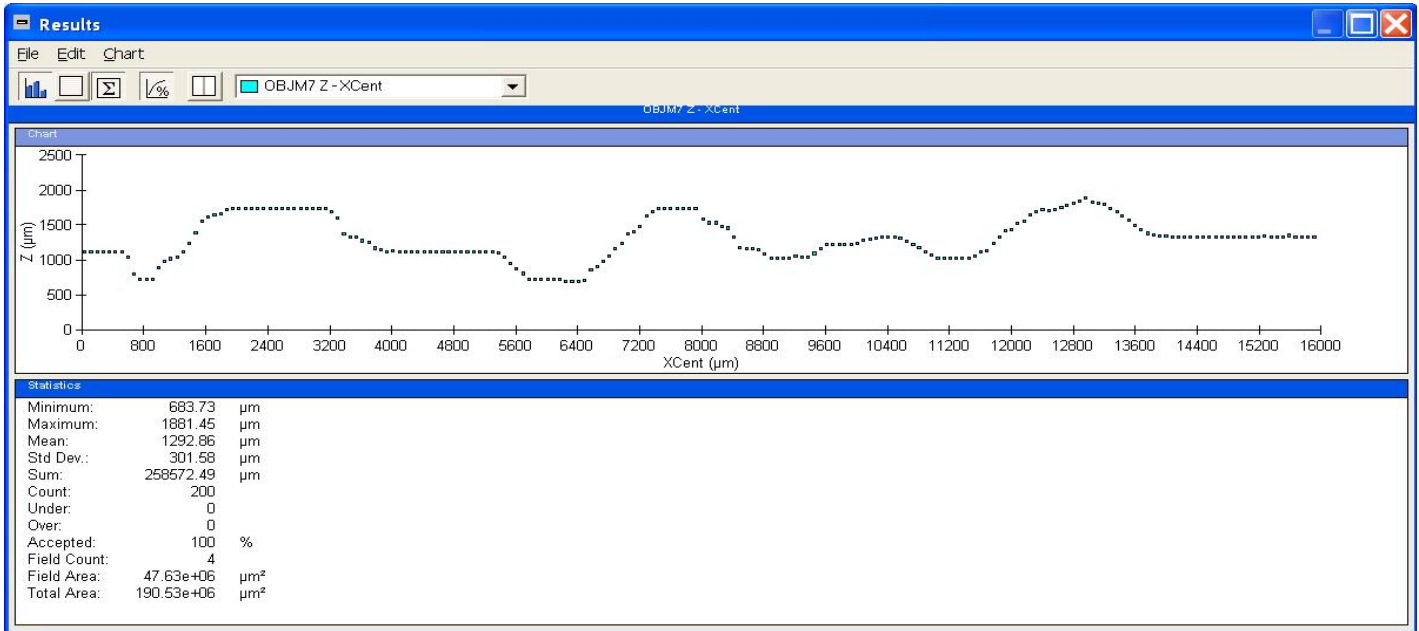
Line 2 (Green) profile



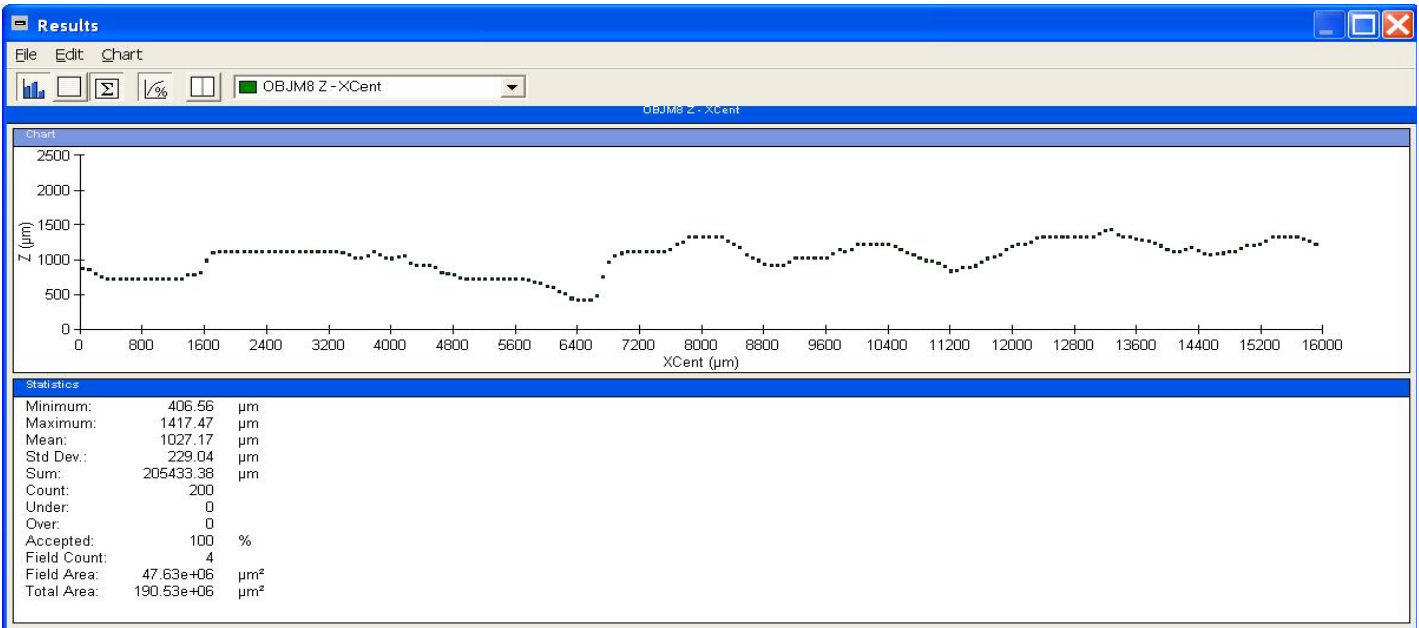
Line 3 (Pink) profile



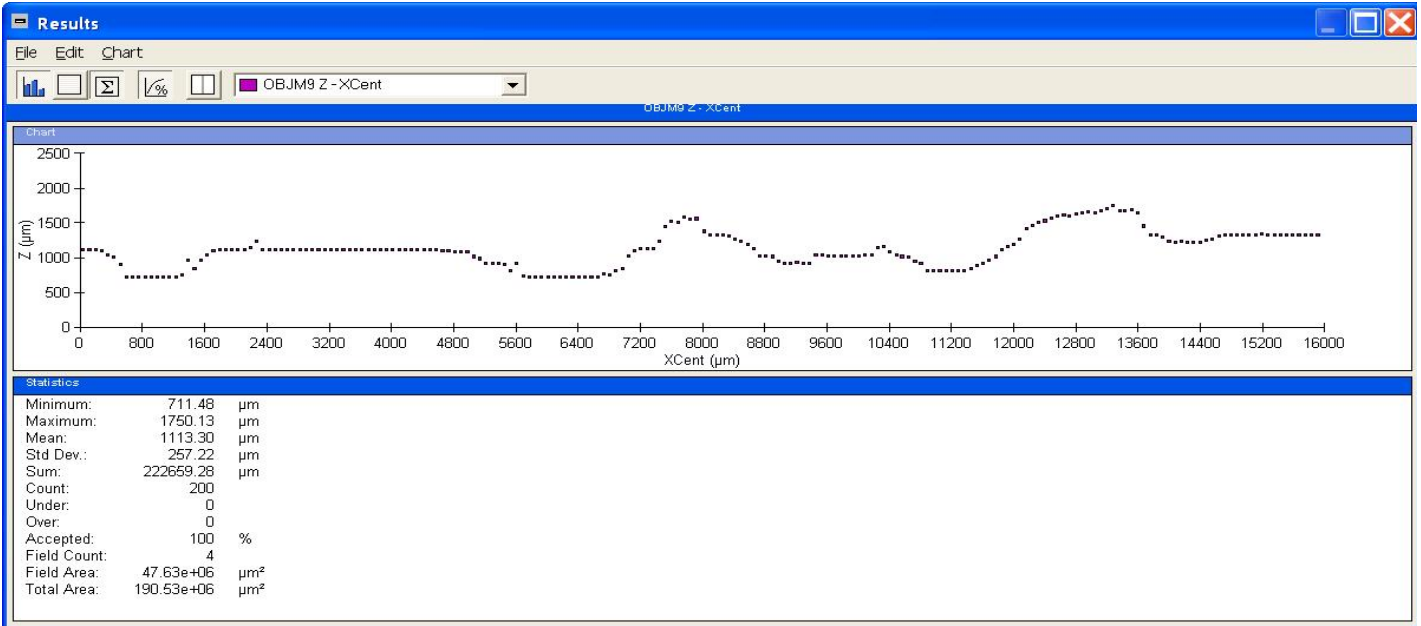
Line 4 (Yellow) profile



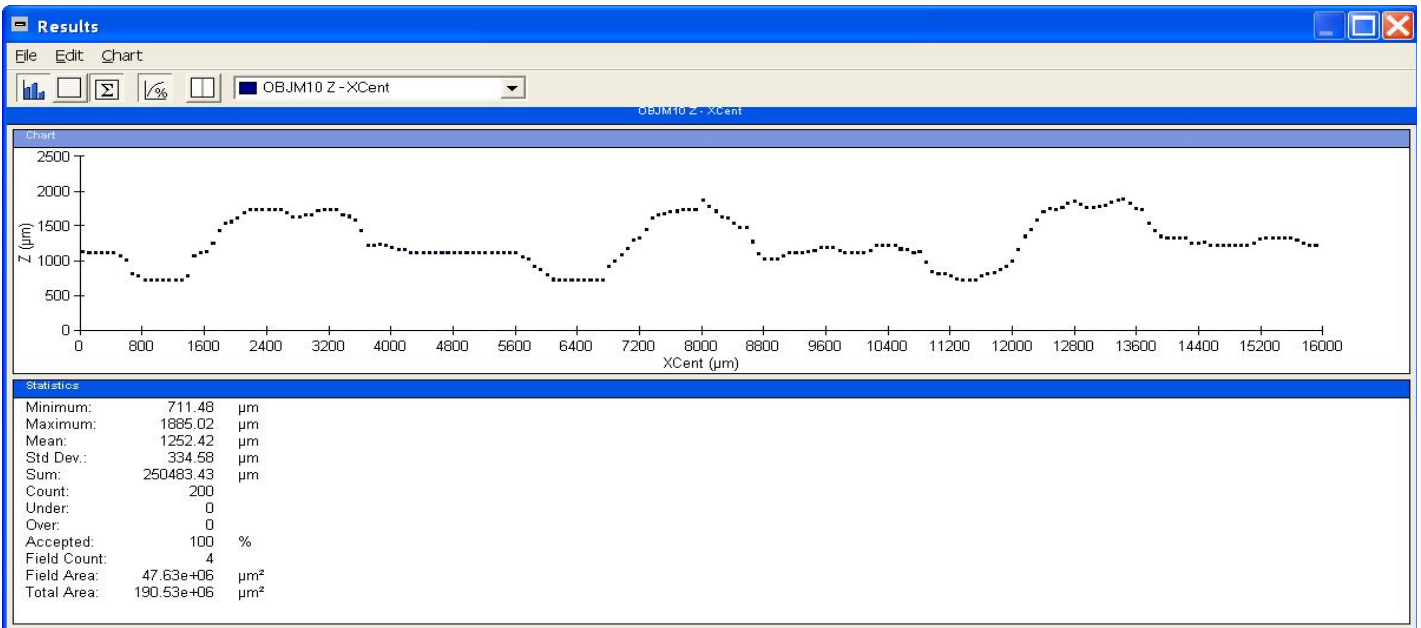
Line 5 (Cyan) profile



Line 6 (Dark Green) profile



Line 7 (purple) profile



Line 8 (Violet) profile