

# TGIS-SL<sup>®</sup> RadViewer5 Upgrade

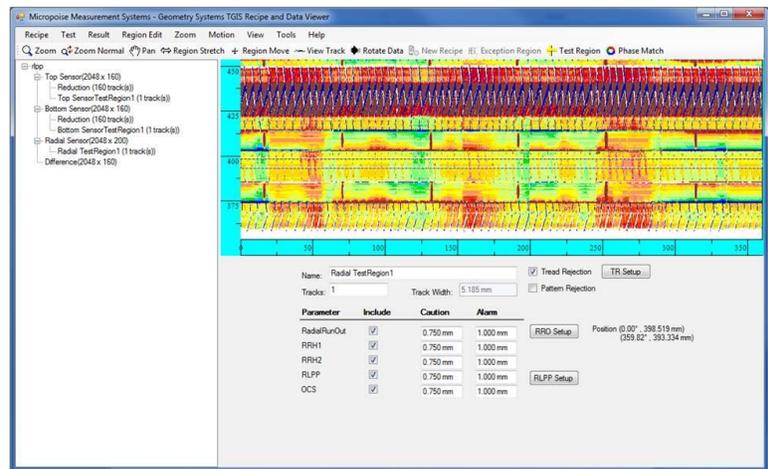
Micro-Poise provides a Geometry System Upgrade for RadViewer software. If your system currently uses the TGIS-SL system software you can upgrade now to TGIS-SL<sup>®</sup> RadViewer5 software. This will insure you can measure a single harmonic value for harmonics 3 through 25, in addition to the existing 1<sup>st</sup> and 2<sup>nd</sup> harmonic values.

## Features:

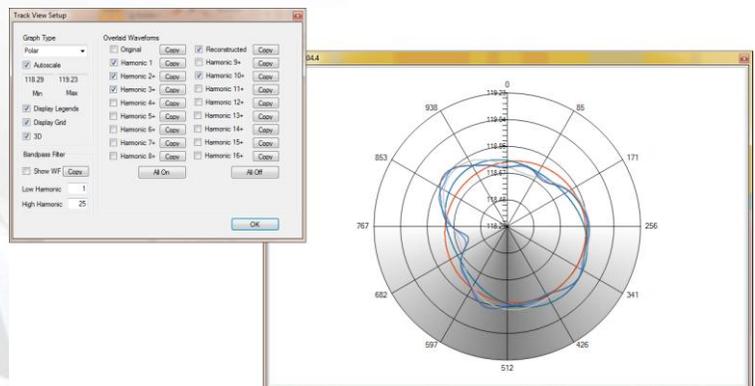
- Additional Harmonics Available
- Faster Set-up Parameters
- Enhanced Waveform Graphing

## Benefits:

- The user can select single harmonics that will substitute for the RLPP measurement. This gives the ability to set width of the moving window to be used when calculating the localized peak to peak value.
- Low and High Harmonics can also be set for the bandpass filter that is applied to the raw waveform data before calculations are performed.
- All setup parameters that were maintained as entries in the RadViewer file are now stored in the computers registry. All entries can be edited directly from the RadViewer application.
- When using the Track View and the Track View Setup, the user can visualize the effect of the waveforms. Several graphical options are available such as polar plot, reconstructed runout, and area.



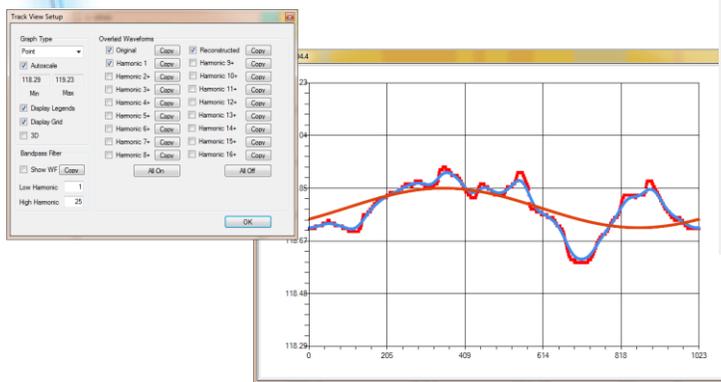
Radial Test Region Set-up Screen



Waveform Graphing - Polar Plot

# TGIS-SL® RadViewer5 Upgrade

The setup dialog box will now show two additional buttons to include the RLPP and RRO measurement lines. The user will be able to modify the settings for individual test regions. These values will then be stored in the recipe file and will be applied to the defined test regions when a measurement is performed.



Parameter	Include	Caution	Alarm	
RadialRunOut	<input checked="" type="checkbox"/>	0.75 mm	1.00 mm	RRO Setup
RRH1	<input checked="" type="checkbox"/>	1.00 mm	1.50 mm	
RRH2	<input checked="" type="checkbox"/>	1.00 mm	1.50 mm	
<b>RRH13</b>	<input checked="" type="checkbox"/>	1.00 mm	1.50 mm	RLPP Setup
OCS	<input checked="" type="checkbox"/>	0.75 mm	1.00 mm	

Position (0.00° , 259.87 mm)  
(359.82° , 254.98 mm)

The following measurements are available on the basic TGIS-SL measurement system:

- Sidewall Bulge and Depression
- Sidewall Localized Peak to Peak
- Lateral Run-out (LRO)
- Radial Run-Out (RRO)
- Wobble
- Open Cap Splice
- Radius
- Radial Localized Peak to Peak (RLPP)



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