

## TM030 – Generating a Report

## WiRE™ 5

This document aims to show the WiRE™ user how to automatically generate a report (Microsoft® Word, html and Microsoft® PowerPoint® formats) using the 'Export report' function.

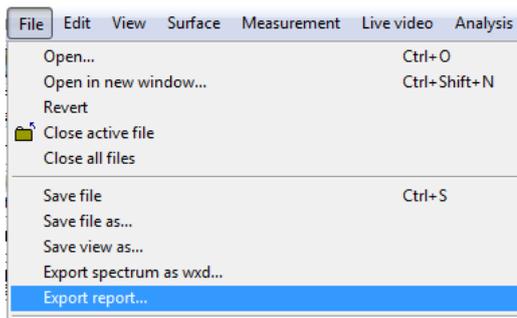
The 'Export report' function can be applied to:

- Single spectra
- Multiple spectra (e.g. overlaid and stacked)
- 2D map data showing spectra with images

In general the exported format will be derived from the current WiRE viewer settings (e.g. spectral colours, axes etc).

### Export Report process for single and multiple spectra into Word and html

1. Select **File...Export report...** to initiate the WiRE Reports window.



2. Select the desired html/Word template from the available list by clicking the appropriate icon so that it is highlighted.
  - a) Landscape Spectrum  
– Spectrum only (as seen in WiRE)
  - b) Portrait Map Review/Spectrum Report with Summary  
– Spectrum (as seen in WiRE) with summary and measurement configuration information
  - c) Portrait Map Review/Spectrum Report  
– Spectrum (as seen in WiRE) with measurement configuration information only

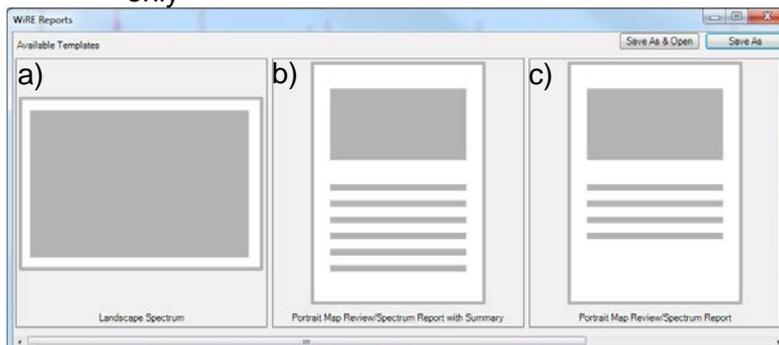
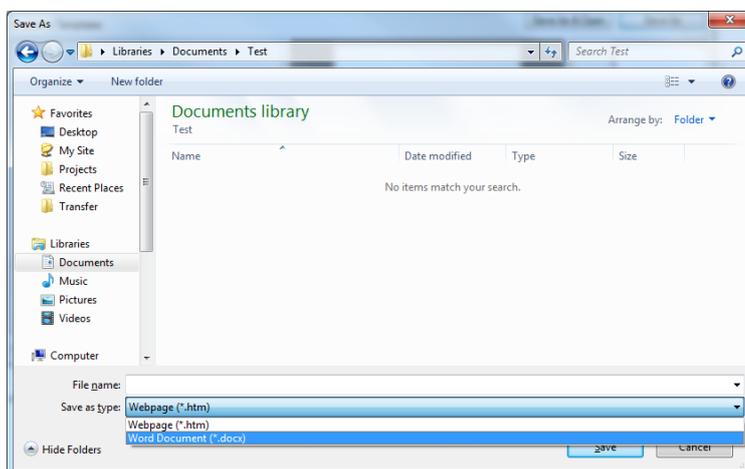


Fig. 1. Spectrum/spectra html/Word compatible template icons

3. Once the desired template has been selected, click either **Save As** or **Save As & Open** in the top right of the WiRE Reports window. Give the report an appropriate name and save it in the desired location. To save the report in Word format, the file extension must be changed from (\*.htm) to (\*.docx) in the 'Save as type' drop down menu within the Save As dialog box.



If the **Save As & Open** option has been selected, the report will automatically open upon being generated. Note double clicking on the template icon acts as **Save As & Open**. See below for example reports using various templates.

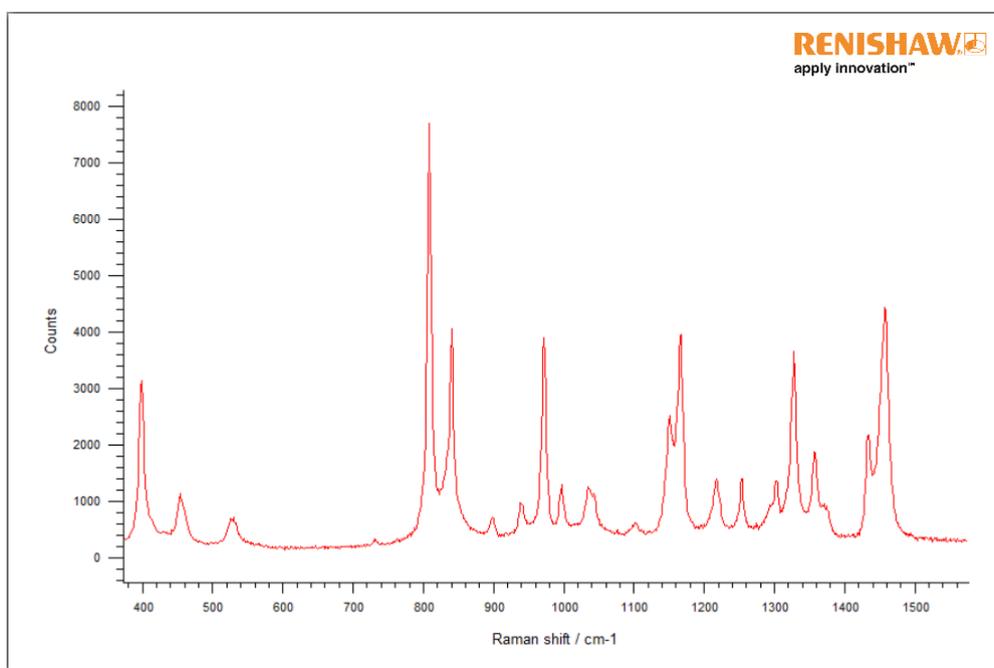


Fig. 2. Landscape Spectrum template example (a)

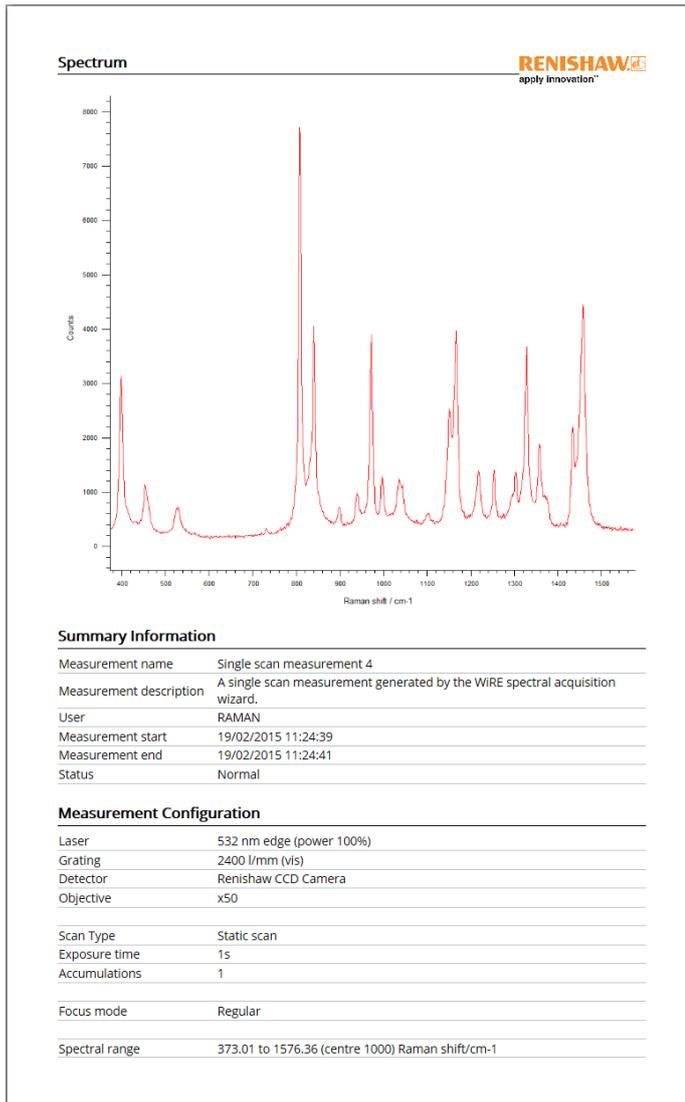
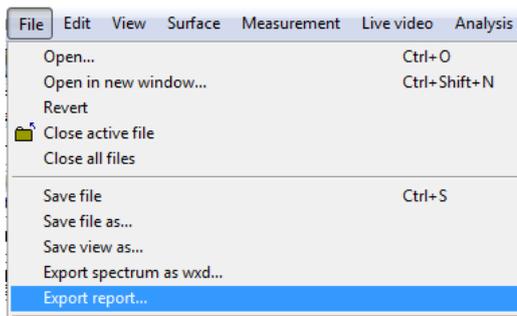


Fig. 3. Portrait Spectrum Report with Summary template example (b)

## Export Report process for single and multiple spectra into PowerPoint

1. Select **File...Export report...** to initiate the WiRE Reports window.



2. Select the Export all to PowerPoint template by clicking on the icon so that it is highlighted.

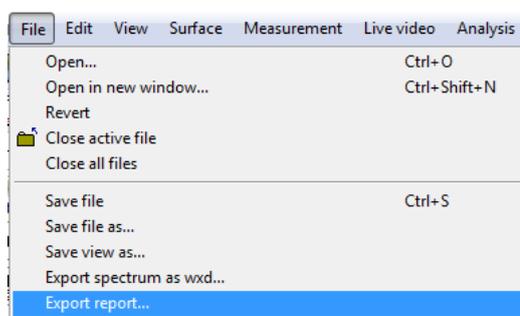


This template exports information in the following format:

- Slide 1
    - Spectrum only (as seen in WiRE)
  - Slide 2
    - Summary information
  - Slide 3
    - Measurement configuration information
  - Slide 4
    - WiRE file information
3. Click either **Save As** or **Save As & Open** in the top right of the WiRE Reports window. Give the report an appropriate name and save it in the desired location. If the **Save As & Open** option has been selected, the report will automatically open upon being generated. Note double clicking on the template icon acts as **Save As & Open**.

### Export Report process for map data and images into Word and html

1. Select **File...Export report...** to initiate the WiRE Reports window.



2. Select the desired html/Word template from the available list by clicking the appropriate icon so that it is highlighted.
  - a) Landscape Spectrum
    - Spectrum only (as seen in WiRE)
  - b) Portrait Map Review/Spectrum Report with Summary
    - Spectrum, images generated from mapped data (together with each image title and contrast scale bar), and the top layer visible image overlaid on the white light image (as seen in WiRE), with summary and measurement configuration information. Note all images will be exported to the report regardless of whether they are set as visible or not.
  - c) Portrait Map Review/Spectrum Report
    - Spectrum, images generated from mapped data, and the top layer visible image overlaid on the white light image (as seen in WiRE), with measurement configuration information.
  - d) Landscape Overlay Review
    - White light image and each image generated from mapped data individually overlaid on a copy of the white light image with summary information
  - e) Landscape Map Review
    - Spectrum, white light image and all images generated from mapped data (as seen in WiRE) with summary information

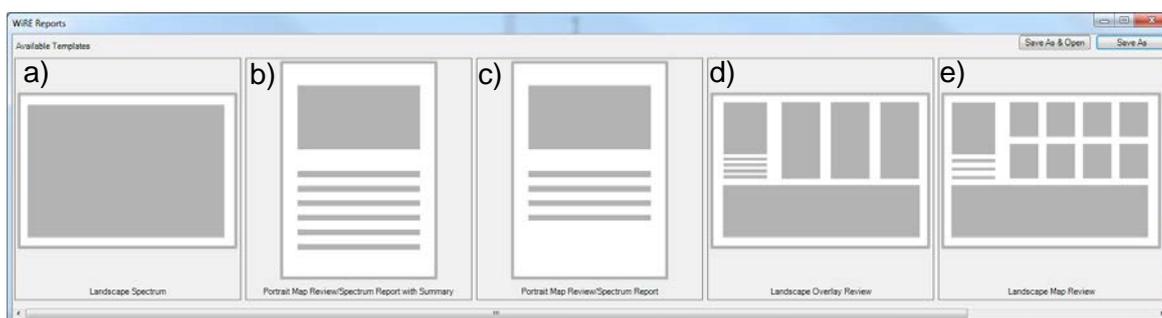
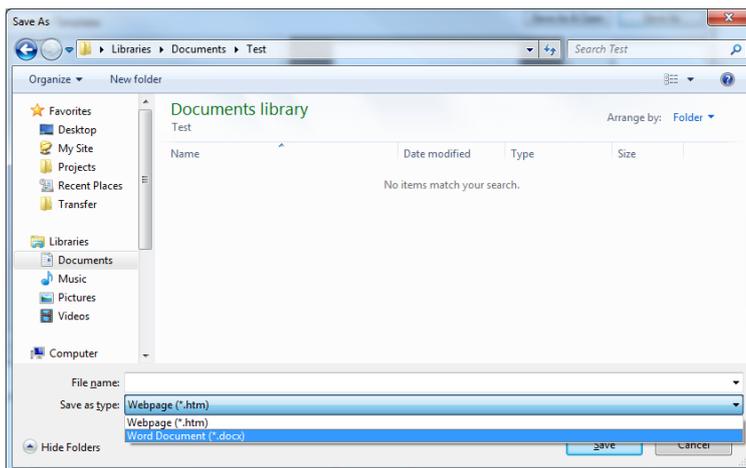


Fig. 4. Map data html/Word compatible template icons

3. Once the desired template has been selected, click either **Save As** or **Save As & Open** in the top right of the WiRE Reports window. Give the report an appropriate name and save it in the desired location. To save the report in Word format, the file extension must be changed from (\*.htm) to (\*.docx) in the 'Save as type' drop down menu within the Save As dialog box.



If the **Save As & Open** option has been selected, the report will automatically open upon being generated. Note double clicking on the template icon acts as **Save As & Open**. See below for example reports using various templates.

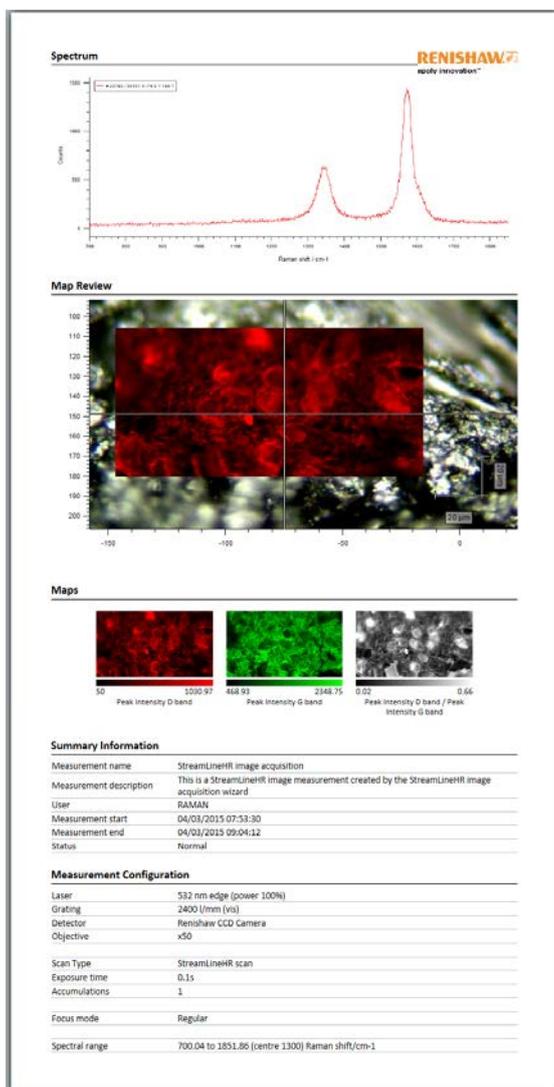


Fig. 5. Portrait Map Review Report with Summary template example (b)

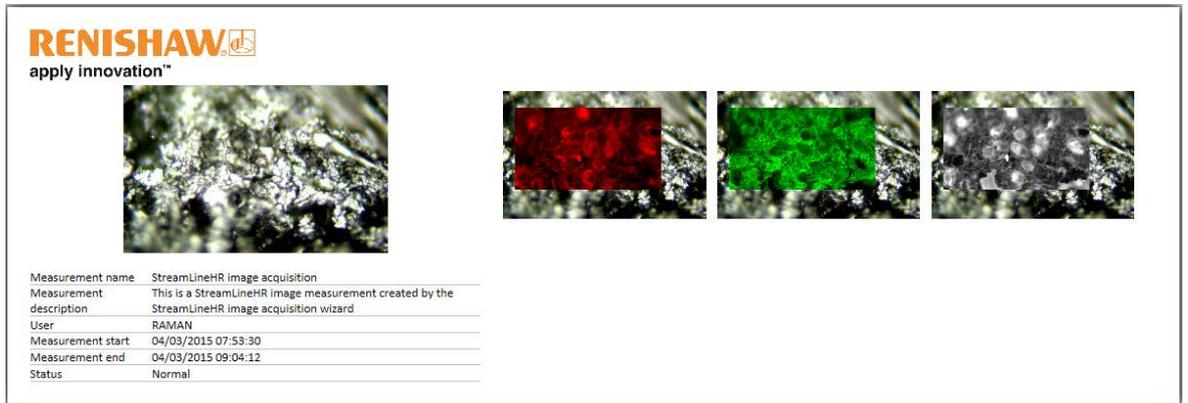


Fig. 6. Landscape Overlay Review template example (d)

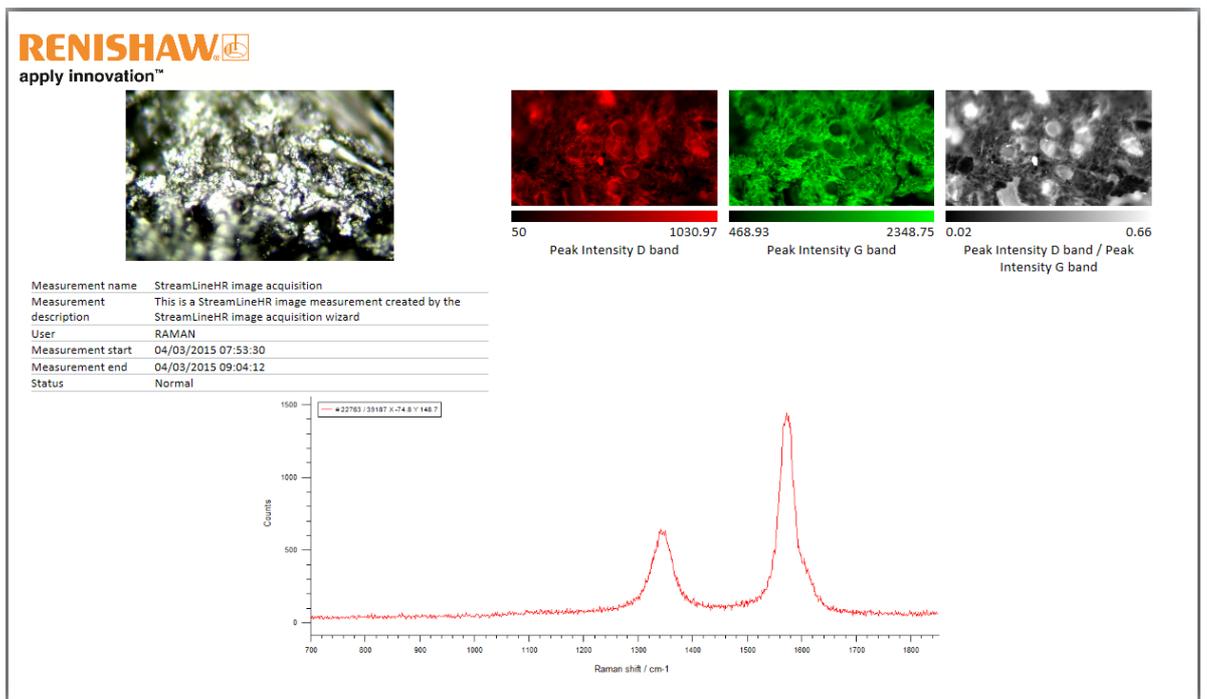
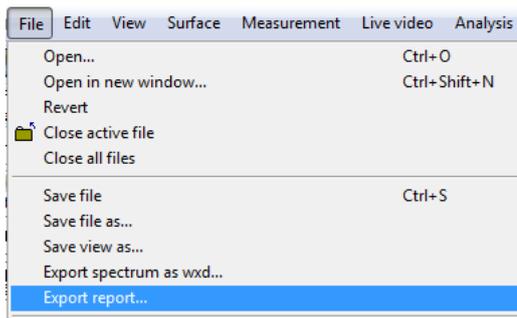


Fig. 7. Landscape Map Review template example (e)

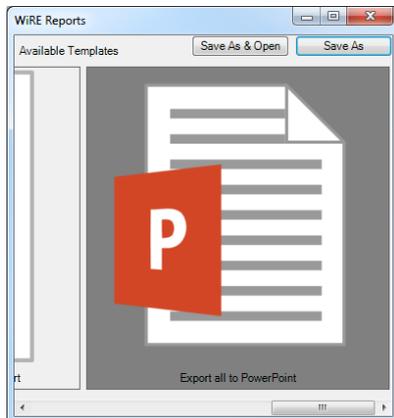
## Export Report process for map data and images into PowerPoint

**NB** if a map file is open but the generated images are not loaded into the Map Review pane in WiRE, the 'Export Report' function will export data identical to the process for single and multiple spectra for all templates except Export all to PowerPoint, where a white light image will be exported to an additional slide.

1. Select **File...Export report...** to initiate the WiRE Reports window.



2. Select the Export all to PowerPoint template by clicking on the icon so that it is highlighted.



This template exports information in the following format:

- Slide 1
  - White light image
- Slide 2
  - Spectrum only (as seen in WiRE)
- Slide 3
  - All images generated from mapped data. Note all images will be exported to the report regardless of whether they are set as visible or not
- Slide 4
  - Each image generated from mapped data individually overlaid on a copy of the white light image
- Slide 5

- The top layer visible image overlaid on the white light image (as seen in WiRE)
  - Slide 6
    - Summary information
  - Slide 7
    - Measurement configuration information
  - Slide 8
    - WiRE file information
3. Click either **Save As** or **Save As & Open** in the top right of the WiRE Reports window. Give the report an appropriate name and save it in the desired location. If the **Save As & Open** option has been selected, the report will automatically open upon being generated. Note double clicking on the template icon acts as **Save As & Open**.

### Notes

- The 'export report' function is for data collected in native WiRE formats (\*.wxd, \*.wdf). Other formats converted to these (e.g. \*.spc, \*.txt and single spectra extracted from map data) may not display meaningful measurement configuration information.

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