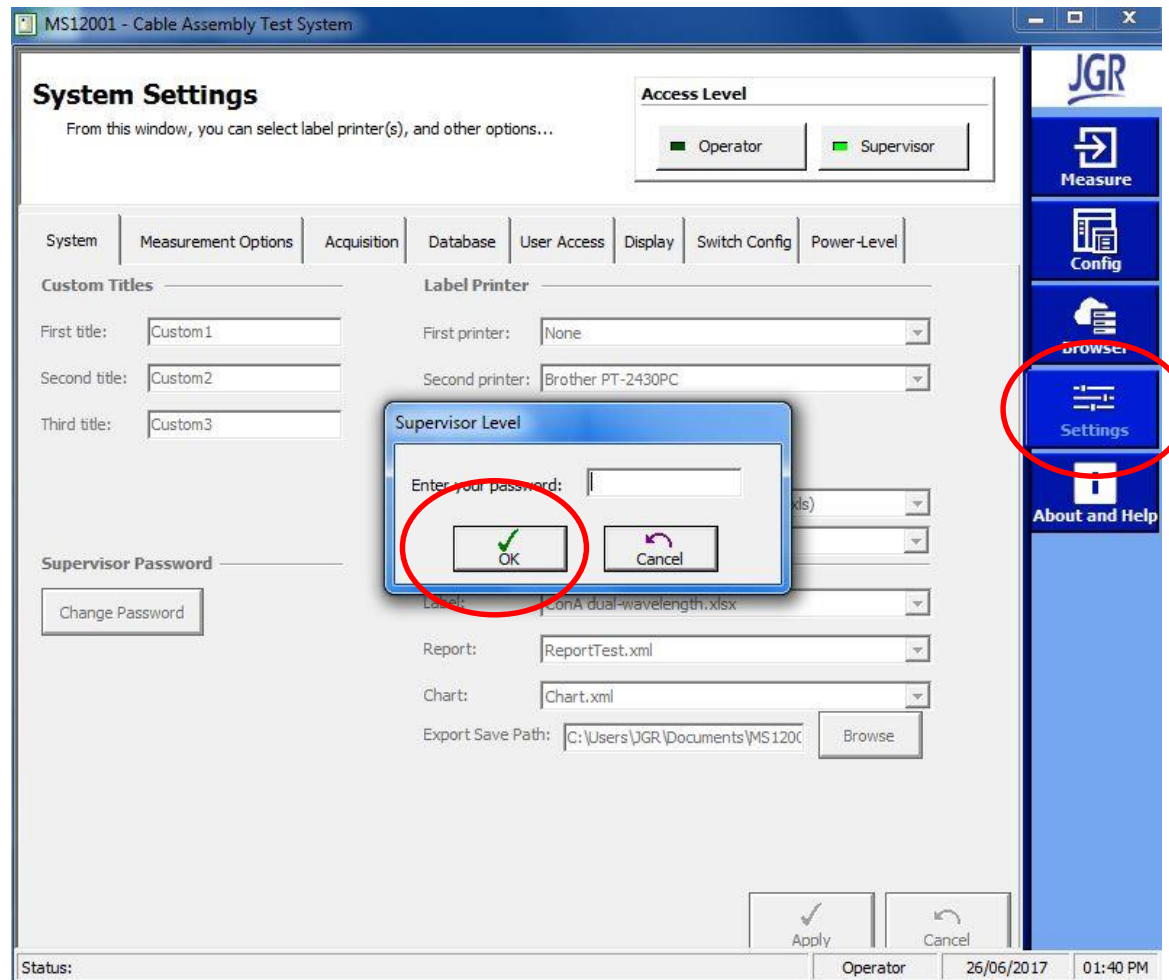


# Exporting Data to Excel from MS12001

---

# Exporting Data to Excel from MS12001

- Open MS12001 and enter the “Settings” tab.
- Enter supervisor mode (there is no password unless one was assigned)



# Exporting Data to Excel from MS12001

- Also in the “Settings” tab the test acquisition settings can be set.
- You can choose how often you would like a measurement to be taken and how long you would like the test to run for.

**MS12001 - Cable Assembly Test System**

**Acquisition Settings**  
From this window, you can customize acquisition parameters.

**Access Level**  
☒ Operator ☒ Supervisor

System | Measurement Options | **Acquisition** | Database | User Access | Display | Switch Config | Power-Level

**Refl. Sensitivity**  
☒ Standard ☐ High

**IOR Fiber Characteristics**

Wavelength	IOR
850	1.496
1300	1.487
1310	1.4667
1490	1.46806
1550	1.4687
1625	1.4682

IOR Default Values

**IL Length Compensation**  
☒ Yes ☐ No  
☐ Do not adjust measured value. Only apply length compensation to connector specifications

Wavelength	dB/km
850(50u)	2.3
1300(50u)	0.6
850(62.5u)	2.9
1300(62.5u)	0.6
1310	0.35
1490	0.24
1550	0.2
1625	0.23

IL Default Values

**Continuous Acquisition**  
☒ Single ☐ Continuous

One acquisition every: 1 Seconds  
Test Duration: 1 Day(s)

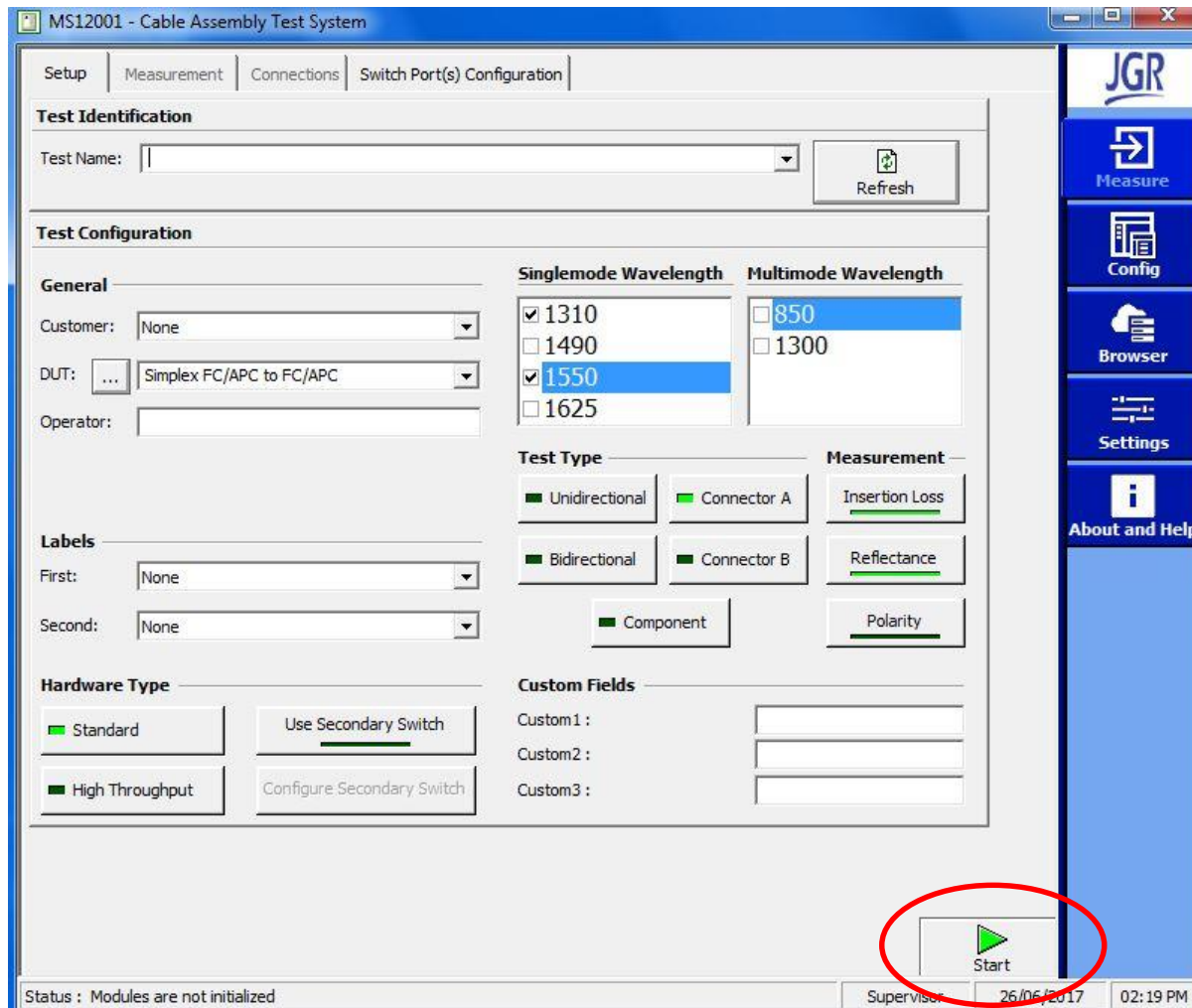
\* Please note that if the measurement duration is longer than the frequency specified above, then the next acquisition will start immediately following the end of the current measurement.  
The estimated number of acquisitions is: 86400  
Time between start of acquisitions: 1 Seconds

Apply Cancel

Status: Supervisor 26/06/2017 01:41 PM

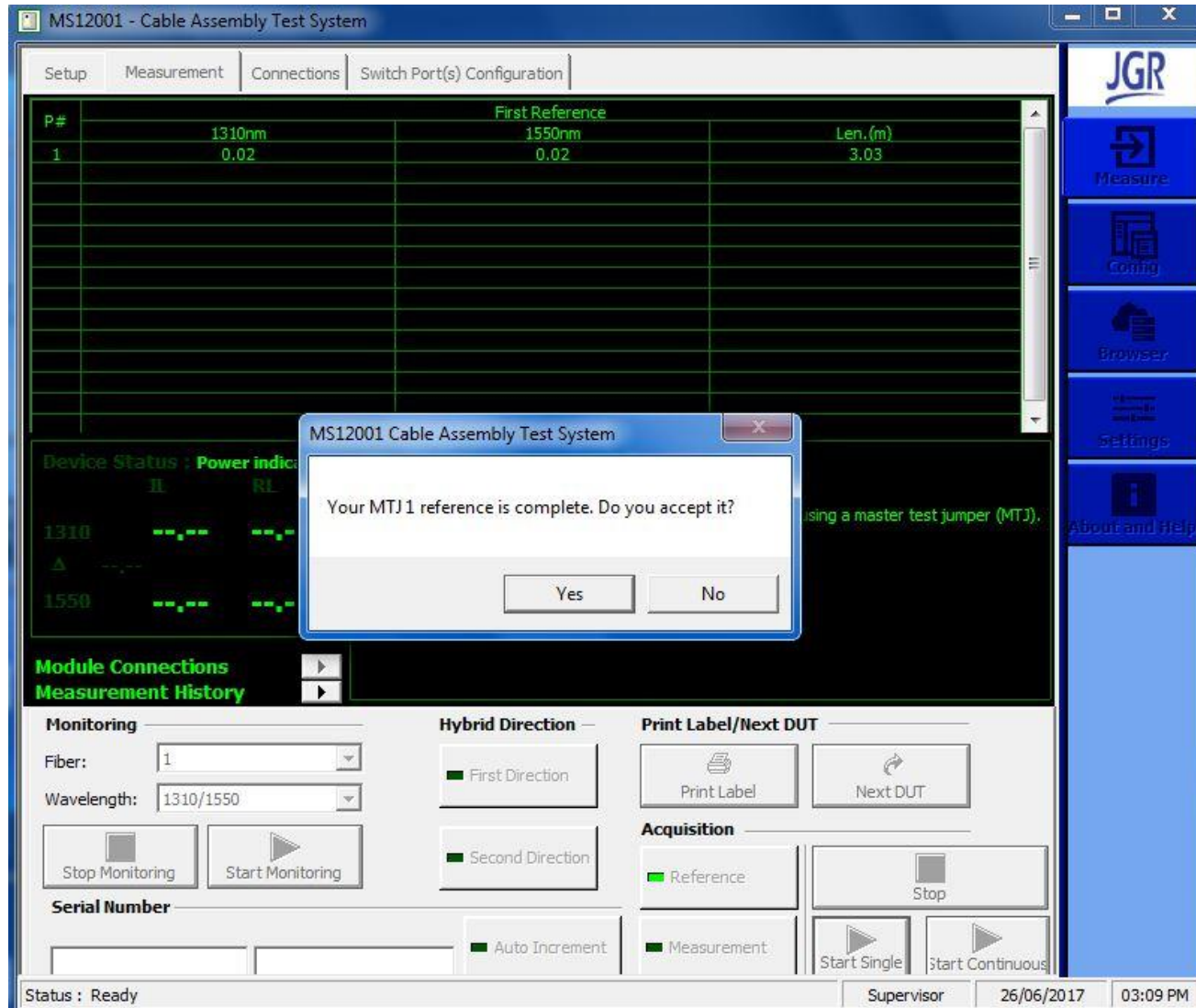
# Exporting Data to Excel from MS12001

- Once this is set you can set your test settings in the “Measure” tab.
- Once everything is set correctly, Press “Start”.



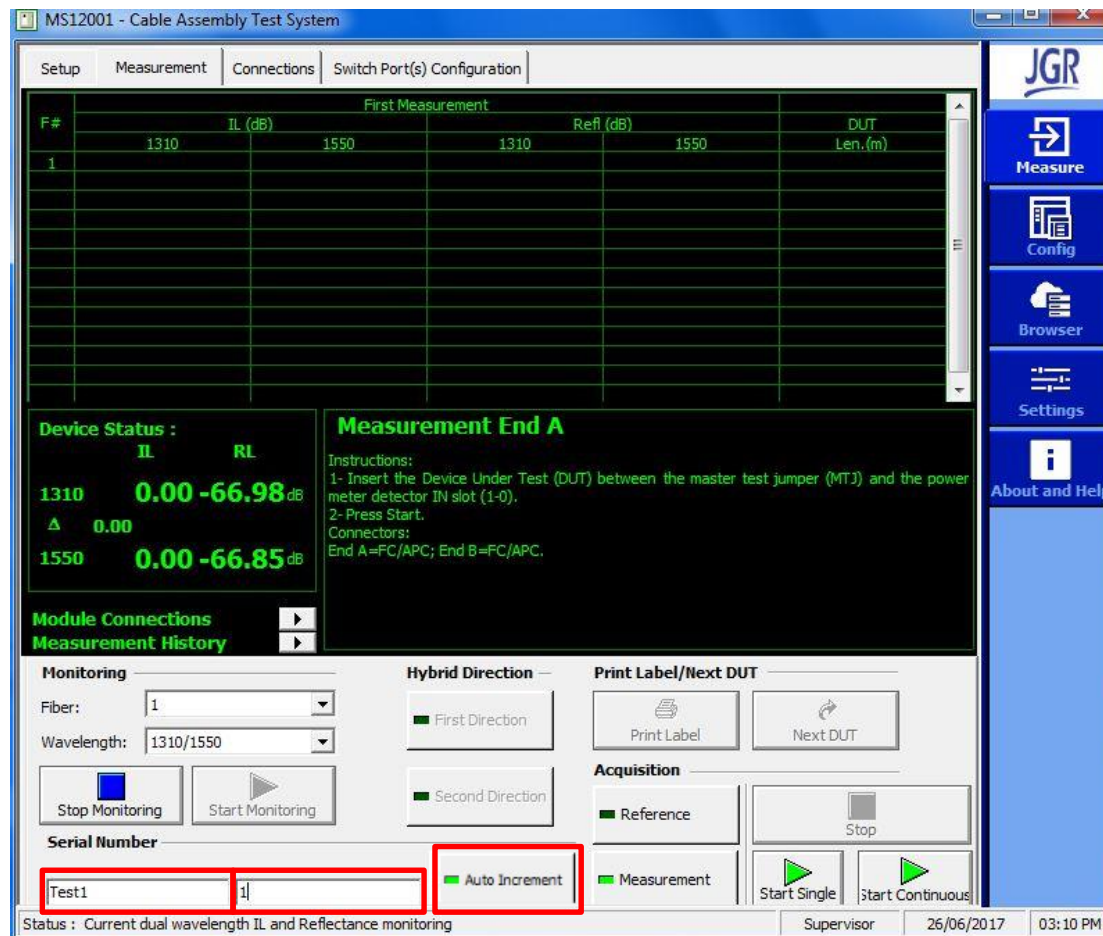
# Exporting Data to Excel from MS12001

- Take your reference



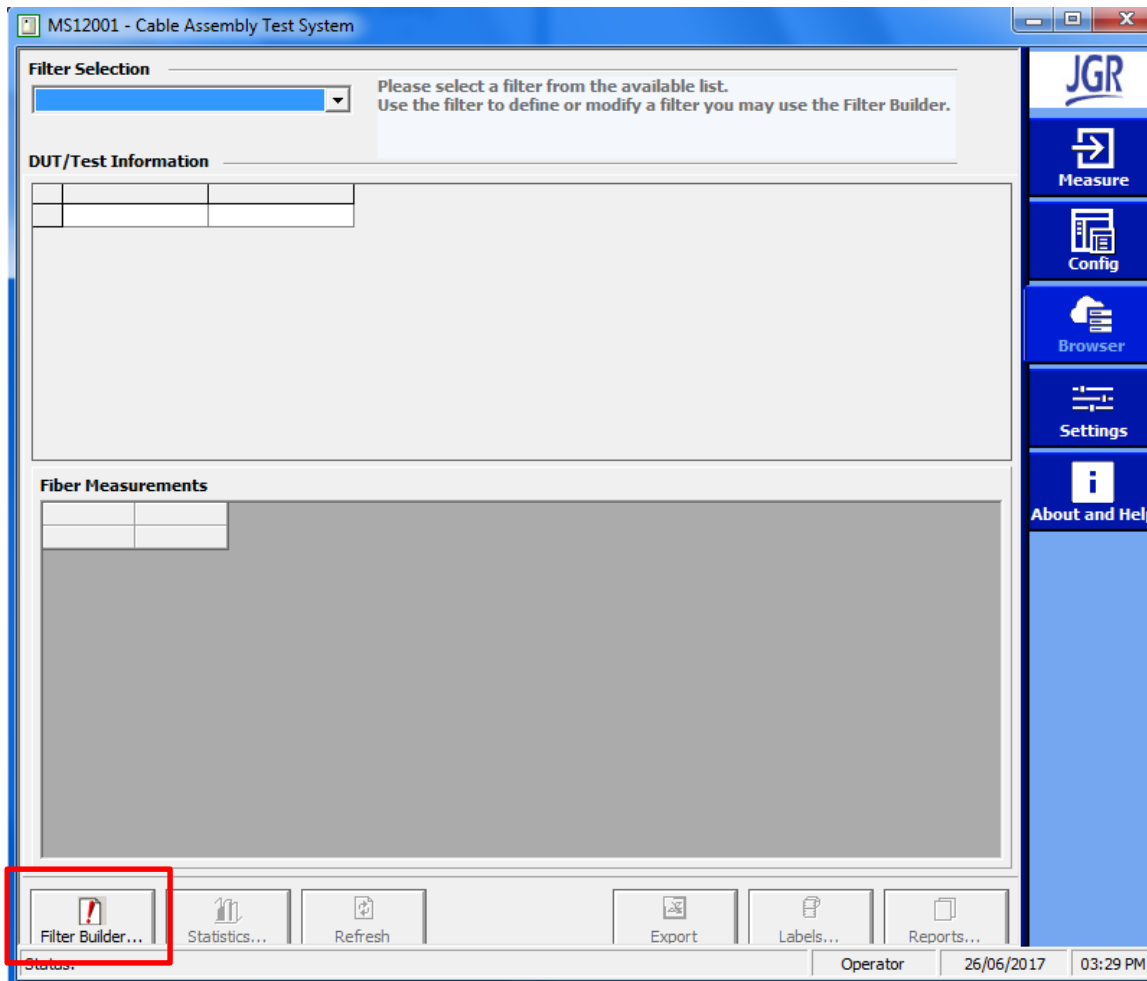
# Exporting Data to Excel from MS12001

- Set your fixed serial number and the incremental serial number to whatever you'd like. (I have it set to "Test1" and "1")
- Note: Fixed SN is on the left and Incremental SN is on the right. Also ensure the "Auto Increment" setting is selected.



# Exporting Data to Excel from MS12001

- Once the test is complete, enter the “Browser” tab.
- You will see the below screen.
- You will need to build a new filter. Select “Filter Builder”.



# Exporting Data to Excel from MS12001

- The filter can be made completely custom to the way you would like it.
- I will be showing an example filter.
  1. Click “add” and name your filter
  2. Select the “Field name”, fill in the “Value” and click “<-AND” to input the information. I selected “Fixed serial number” and have “Test1” as my value. This will retrieve all data with the fixed serial number of “Test1” which is the same fixed serial number I used for my test.
  3. Select which data you would like displayed in the “Display these fields” menu. Deselect which ones you don’t want shown.
  4. Select the sort criteria and click “<-Insert” which will sort the data according to what you selected. I have mine sorting by the fixed serial number.
  5. Click “Apply” and “Close”.

The screenshot displays the MS12001 - Cable Assembly Test System interface. The 'Filter' section at the top shows a dropdown menu with 'All data' selected, labeled with a red box and the number 1. To its right are buttons for 'Refresh', 'Add' (labeled with a red box and the number 1), 'Delete', and 'Copy To'. Below this is the 'Condition Builder' section. It has a 'Field Name' dropdown with 'Assembly Type' selected (labeled with a red box and the number 2), an 'Operator' dropdown with '=' selected, and a 'Value' dropdown with 'Test1' selected (labeled with a red box and the number 2). To the right of these is a 'Number of Records to Retrieve' section with a 'Value' input field and a 'Percent (%)' checkbox. Below the 'Condition Builder' is the 'Field Selection & Sorting Criteria' section. It has a 'Display These Fields' list with checkboxes for 'Incremental Serial Number', 'Fixed Serial Number', 'Test Reflectance', 'Test IL', 'DUT Length', 'Custom Field 1', 'Custom Field 3', 'Custom Title 1', 'Custom Title 2', and 'Custom Title 3'. The 'Fixed Serial Number' checkbox is checked (labeled with a red box and the number 3). To the right of this list is a 'Sort Criteria' section with a 'Field name' dropdown with 'Custom Field 1' selected, 'Ascending' and 'Descending' radio buttons, and a 'Dum\_FixSerialNr' input field (labeled with a red box and the number 4). Below the 'Sort Criteria' is an 'Important' note. At the bottom of the interface are buttons for 'Clear', 'Apply' (labeled with a red box and the number 5), 'Cancel', and 'Close' (labeled with a red box and the number 5). The status bar at the bottom shows 'Status:', 'Supervisor', '26/06/2017', and '03:07 PM'.

# Exporting Data to Excel from MS12001

- Once the filter is built select the filter in the “Filter Selection” dropdown menu.
- The DUT/Test Information will now show the test results.
- Click “Export” to export the data to Excel.

The screenshot displays the MS12001 - Cable Assembly Test System interface. The 'Filter Selection' dropdown is set to 'All data'. The 'DUT/Test Information' table shows 11 test results. The 'Fiber Measurements' table shows IL, Refl., and End A/B values for fiber 1. The 'Export' button in the bottom toolbar is highlighted with a red box.

**Filter Selection**

Current filter created on: 26/06/2017 3:06:53 PM  
In a multi-user environment, you may have to click on the Refresh button to retrieve the most recent data. Use the filter to define or modify a filter you may use the Filter Builder.

**DUT/Test Information**

Incremental Serial Number	Fixed Serial Number	Test Reflectance	Test IL	DUT Length
1	Test1	Yes	Yes	10
2	Test1	Yes	Yes	10
3	Test1	Yes	Yes	10
4	Test1	Yes	Yes	10
5	Test1	Yes	Yes	10
6	Test1	Yes	Yes	10
7	Test1	Yes	Yes	10
8	Test1	Yes	Yes	10
9	Test1	Yes	Yes	10
10	Test1	Yes	Yes	10
11	Test1	Yes	Yes	10

**Fiber Measurements**

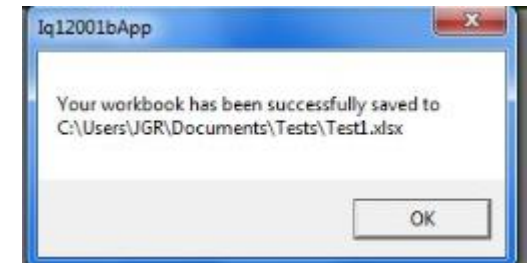
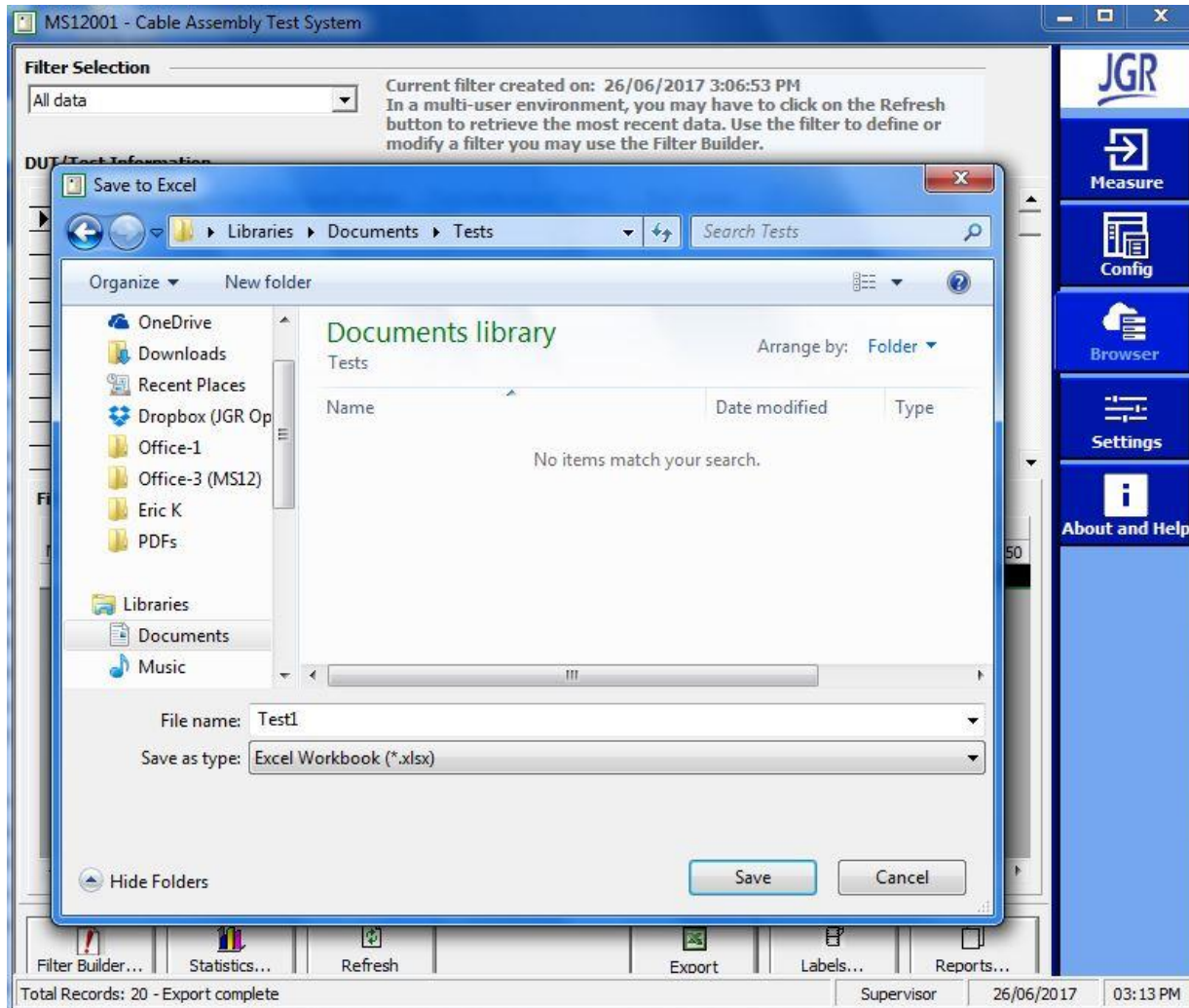
Fiber Number	IL		IL End A		IL End B		Refl.		Refl. End A		Refl. End B	
	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm	1310 nm	1550 nm
1			0.00	0.00					-67.34	-66.79		

**Bottom Toolbar:** Filter Builder..., Statistics..., Refresh, **Export**, Labels..., Reports...

Status: Ready Supervisor 26/06/2017 03:12 PM

# Exporting Data to Excel from MS12001

- Save the Data in the desired folder under the desired save name



# Exporting Data to Excel from MS12001

- You can now open the excel file and view your data.

Test1 - Excel

Sign in

FileHomeInsertPage LayoutFormulasDataReviewViewTell me what you want to do

ClipboardFontAlignmentNumberStylesCellsEditing

Calibri11A<sup>A</sup><sub>A</sub>

B I U

Wrap Text

General

\$ %  $\frac{\square}{\square}$   $\frac{\square}{\square}$

Conditional FormattingFormat asTableCell Styles

InsertDeleteFormat

AutoSumFillClearSort & Find & Filter & Select

A1

Incremental Serial Number

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
	Incremental Serial Num	Fixed Seri	Test Refle	Test IL	DUT Leng	Wavelength	Fiber Num	IL	IL End A	IL End B	Refl.	Refl. End	Refl. End	DUT Leng	Refl C	Refl C Dist	ORL	Polarity
1	1	Test1	Yes	Yes	10	1310	1		0			-67.34		0				
2	1	Test1	Yes	Yes	10	1550	1		0			-66.79		0				
3	2	Test1	Yes	Yes	10	1310	1		0			-67.29		0				
4	2	Test1	Yes	Yes	10	1550	1		0			-66.75		0				
5	3	Test1	Yes	Yes	10	1310	1		0			-67.17		0				
6	3	Test1	Yes	Yes	10	1550	1		0			-66.78		0				
7	4	Test1	Yes	Yes	10	1310	1		0			-67.23		0				
8	4	Test1	Yes	Yes	10	1550	1		0			-66.73		0				
9	5	Test1	Yes	Yes	10	1310	1		0			-67.22		0				
10	5	Test1	Yes	Yes	10	1550	1		0			-66.85		0				
11	6	Test1	Yes	Yes	10	1310	1		0			-67.08		0				
12	6	Test1	Yes	Yes	10	1550	1		0			-66.84		0				
13	7	Test1	Yes	Yes	10	1310	1		0			-67.16		0				
14	7	Test1	Yes	Yes	10	1550	1		0			-66.8		0				
15	8	Test1	Yes	Yes	10	1310	1		0			-67.11		0				
16	8	Test1	Yes	Yes	10	1550	1		0			-66.76		0				
17	9	Test1	Yes	Yes	10	1310	1		0			-67.09		0				
18	9	Test1	Yes	Yes	10	1550	1		0			-66.73		0				
19	10	Test1	Yes	Yes	10	1310	1		0			-67.2		0				
20	10	Test1	Yes	Yes	10	1550	1		0			-66.69		0				
21	11	Test1	Yes	Yes	10	1310	1		0			-67.16		0				
22	11	Test1	Yes	Yes	10	1550	1		0			-66.73		0				
23	12	Test1	Yes	Yes	10	1310	1		0			-67.02		0				
24	12	Test1	Yes	Yes	10	1550	1		0			-66.76		0				
25	13	Test1	Yes	Yes	10	1310	1		0			-67.12		0				
26	13	Test1	Yes	Yes	10	1550	1		0			-66.8		0				
27	14	Test1	Yes	Yes	10	1310	1		0			-67.13		0				
28	14	Test1	Yes	Yes	10	1550	1		0			-66.67		0				
29	15	Test1	Yes	Yes	10	1310	1		0			-67.06		0				
30	15	Test1	Yes	Yes	10	1550	1		0			-66.8		0				
31	16	Test1	Yes	Yes	10	1310	1		0			-67.15		0				
32	16	Test1	Yes	Yes	10	1550	1		0			-66.68		0				
33	17	Test1	Yes	Yes	10	1310	1		0			-67.06		0				
34	17	Test1	Yes	Yes	10	1550	1		0			-66.73		0				

Dut InformationSheet1

Ready

# Exporting Data to Excel from MS12001

---

Note\*\*:

You do not need to make the filter after the data is taken. You can make it at any time. You can also access multiple sets of data using one filter by changing the parameters in your filter.