

## Profile Summary

Generated 17-Sep-2018 01:56:08 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>	Total Time Plot (dark band = self time)
<a href="#">MainOptimizing5</a>	1	530.825 s	210.235 s	
<a href="#">DelayInterfG</a>	6350	86.366 s	86.366 s	
<a href="#">OpticalFFTGT</a>	3810	73.100 s	21.742 s	
<a href="#">RecDowPam4_mex</a> (MEX-file)	256	62.695 s	62.695 s	
<a href="#">OpticalIFFTGT</a>	2540	43.714 s	8.706 s	
<a href="#">FiltroGaussiano</a>	644	38.386 s	38.386 s	
<a href="#">ProagationDelayT</a>	1	35.432 s	7.359 s	
<a href="#">MeasPower</a>	512	24.055 s	24.055 s	
<a href="#">MZMGT</a>	1280	23.410 s	23.410 s	
<a href="#">findpeaks</a>	256	22.892 s	0.354 s	
<a href="#">SelectEachCarrier</a>	1	16.971 s	13.996 s	
<a href="#">findpeaks&gt;getAllPeaks</a>	256	14.429 s	0.719 s	
<a href="#">findpeaks&gt;findLocalMaxima</a>	256	13.710 s	13.710 s	
<a href="#">Fibra_Monomodo1</a>	132	6.004 s	5.911 s	
<a href="#">findpeaks&gt;orderPeaks</a>	256	3.098 s	3.098 s	
<a href="#">fftshift</a>	781	2.694 s	2.694 s	
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	256	2.114 s	2.114 s	
<a href="#">rectpulse</a>	515	1.478 s	1.478 s	
<a href="#">findpeaks&gt;combinePeaks</a>	256	1.175 s	0.044 s	
<a href="#">union</a>	256	1.131 s	0.015 s	
<a href="#">union&gt;unionR2012a</a>	256	1.116 s	0.195 s	
<a href="#">unique</a>	256	0.921 s	0.026 s	

<a href="#">unique&gt;uniqueR2012a</a>	256	0.895 s	0.895 s	
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	256	0.872 s	0.872 s	
<a href="#">findpeaks&gt;parse_inputs</a>	256	0.661 s	0.597 s	
<a href="#">Maping4PamlqT</a>	256	0.398 s	0.394 s	
<a href="#">close</a>	257	0.244 s	0.025 s	
<a href="#">flipud</a>	1024	0.187 s	0.187 s	
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	256	0.158 s	0.158 s	
<a href="#">close&gt;safegetchildren</a>	257	0.157 s	0.029 s	
<a href="#">allchild</a>	257	0.127 s	0.075 s	
<a href="#">close&gt;getEmptyHandleList</a>	257	0.060 s	0.060 s	
<a href="#">validatestring</a>	768	0.048 s	0.019 s	
<a href="#">time2freq_lamb_2</a>	5	0.035 s	0.029 s	
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	256	0.030 s	0.030 s	
<a href="#">Set_MZ_Input_Data_Simp</a>	5	0.026 s	0.021 s	
<a href="#">onCleanup&gt;onCleanup.delete</a>	257	0.022 s	0.007 s	
<a href="#">validatestring&gt;checkString</a>	768	0.018 s	0.018 s	
<a href="#">...set(rootobj.'ShowHiddenHandles'.Temp)</a>	257	0.015 s	0.015 s	
<a href="#">allchild&gt;getchildren</a>	257	0.013 s	0.013 s	
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	257	0.013 s	0.013 s	
<a href="#">validatestring&gt;checkInputs</a>	768	0.012 s	0.012 s	
<a href="#">target</a>	1536	0.011 s	0.011 s	
<a href="#">mean</a>	10	0.010 s	0.010 s	
<a href="#">num2str</a>	10	0.005 s	0.003 s	
<a href="#">linspace</a>	257	0.005 s	0.005 s	
<a href="#">uitools\private\allchildRootHelper</a>	257	0.003 s	0.003 s	
<a href="#">Fibra_Monomodo_Input_Data</a>	132	0.003 s	0.003 s	
<a href="#">time2freq</a>	1	0.003 s	0.001 s	

<a href="#">signal\private\chkinputdatatype</a>	512	0.002 s	0.002 s	
<a href="#">findpeaks&gt;assignOutputs</a>	256	0.002 s	0.002 s	
<a href="#">int2str</a>	10	0.002 s	0.002 s	
<a href="#">isduration</a>	768	0.001 s	0.001 s	
<a href="#">close&gt;checkfigs</a>	257	0.001 s	0.001 s	
<a href="#">close&gt;request_close</a>	257	0.001 s	0.001 s	
<a href="#">gpuDeviceCount</a>	1	0.001 s	0.001 s	
<a href="#">nextpow2</a>	3	0.001 s	0.001 s	
<a href="#">isdatetime</a>	256	0.001 s	0.001 s	
<a href="#">GPUDevice.GPUDevice&gt;GPUDevice.count</a>	1	0.001 s	0.000 s	
<a href="#">deviceCount</a>	1	0.000 s	0.000 s	
<a href="#">pwd</a>	4	0.000 s	0.000 s	

**Self time** is the time spent in a function excluding the time spent in its child functions. Self time also includes overhead resulting from the process of profiling.