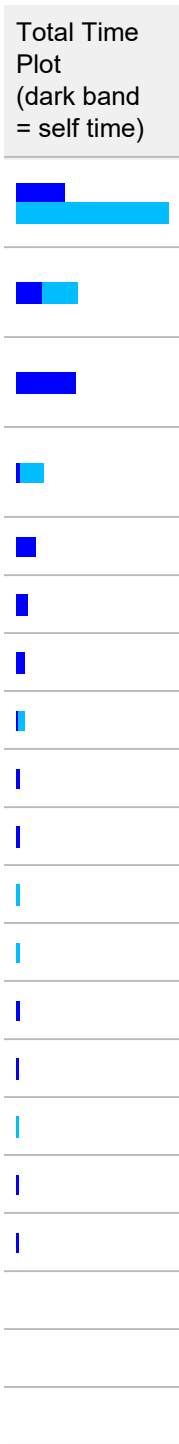


## Profile Summary

Generated 16-Sep-2018 20:26:28 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">MainOptimizing5</a>	1	945.688 s	224.592 s
<a href="#">OpticalFFTNT</a>	762	290.347 s	121.911 s
<a href="#">DelayInterfExp</a>	1270	281.974 s	281.974 s
<a href="#">OpticalIFFTNT</a>	508	128.469 s	14.931 s
<a href="#">MZM</a>	256	90.456 s	90.456 s
<a href="#">RecDowPam4_mex</a> (MEX-file)	256	57.266 s	57.266 s
<a href="#">FiltroGaussiano</a>	644	37.580 s	37.580 s
<a href="#">ProagationDelayT</a>	1	33.348 s	6.953 s
<a href="#">mean</a>	2593290	22.122 s	22.122 s
<a href="#">MeasPower</a>	512	21.933 s	21.933 s
<a href="#">findpeaks</a>	256	21.350 s	0.330 s
<a href="#">std</a>	786432	21.027 s	3.952 s
<a href="#">var</a>	786432	17.075 s	17.075 s
<a href="#">SelectEachCarrier</a>	1	15.817 s	12.859 s
<a href="#">findpeaks&gt;getAllPeaks</a>	256	13.387 s	0.670 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	256	12.716 s	12.716 s
<a href="#">Fibra_Monomodo1</a>	132	5.833 s	5.741 s
<a href="#">findpeaks&gt;orderPeaks</a>	256	2.879 s	2.879 s
<a href="#">fftshift</a>	781	2.654 s	2.654 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	256	2.024 s	2.024 s



<a href="#">rectpulse</a>	515	1.502 s	1.502 s
<a href="#">findpeaks&gt;combinePeaks</a>	256	1.104 s	0.044 s
<a href="#">union</a>	256	1.060 s	0.014 s
<a href="#">union&gt;unionR2012a</a>	256	1.046 s	0.180 s
<a href="#">unique</a>	256	0.867 s	0.024 s
<a href="#">unique&gt;uniqueR2012a</a>	256	0.843 s	0.843 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	256	0.827 s	0.827 s
<a href="#">findpeaks&gt;parse_inputs</a>	256	0.624 s	0.566 s
<a href="#">Mapping4PamlqT</a>	256	0.397 s	0.393 s
<a href="#">close</a>	257	0.219 s	0.019 s
<a href="#">flipud</a>	1024	0.163 s	0.163 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	256	0.147 s	0.147 s
<a href="#">close&gt;safegetchildren</a>	257	0.146 s	0.027 s
<a href="#">allchild</a>	257	0.119 s	0.069 s
<a href="#">close&gt;getEmptyHandleList</a>	257	0.052 s	0.052 s
<a href="#">validatestring</a>	768	0.043 s	0.017 s
<a href="#">time2freq_lamb_2</a>	5	0.031 s	0.026 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	256	0.027 s	0.027 s
<a href="#">Set_MZ_Input_Data_Simp</a>	5	0.025 s	0.020 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	257	0.021 s	0.007 s
<a href="#">validatestring&gt;checkString</a>	768	0.016 s	0.016 s
<a href="#">...set(rootobj,'ShowHiddenHandles',Temp)</a>	257	0.014 s	0.014 s
<a href="#">allchild&gt;getchildren</a>	257	0.013 s	0.013 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	257	0.012 s	0.012 s
<a href="#">target</a>	1536	0.011 s	0.011 s
<a href="#">validatestring&gt;checkInputs</a>	768	0.010 s	0.010 s
<a href="#">linspace</a>	257	0.005 s	0.005 s



<a href="#">num2str</a>	10	0.005 s	0.003 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	0.002 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="#">close&gt;checkfigs</a>	257	0.001 s	0.001 s
<a href="#">isduration</a>	768	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="#">pwd</a>	4	0.000 s	0.000 s
<a href="#">deviceCount</a>	1	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.


ions. Self