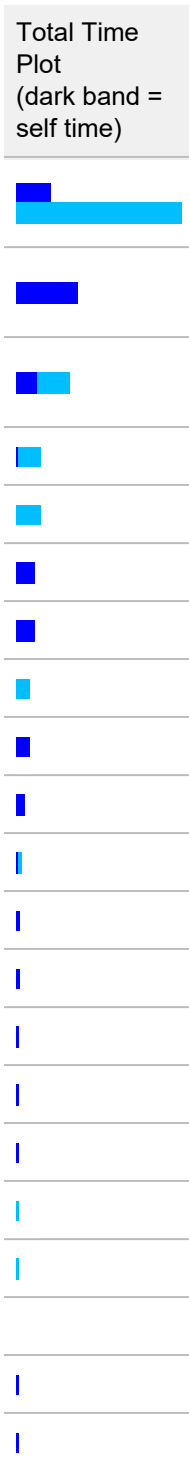


## Profile Summary

Generated 10-Sep-2018 11:40:18 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">MainOptimizing4</a>	1	1092.616 s	185.232 s
<a href="#">DelayInterfExp</a>	1526	343.255 s	343.255 s
<a href="#">OpticalFFTNT</a>	762	288.358 s	115.490 s
<a href="#">OpticalIFFTNT</a>	508	129.674 s	14.381 s
<a href="#">findpeaks</a>	1536	128.722 s	2.113 s
<a href="#">Olho_mex</a> (MEX-file)	256	99.018 s	99.018 s
<a href="#">MZM</a>	256	97.281 s	97.281 s
<a href="#">findpeaks&gt;getAllPeaks</a>	1536	80.856 s	4.027 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	1536	76.829 s	76.829 s
<a href="#">MeasPower</a>	1792	51.270 s	48.749 s
<a href="#">ProagationDelayT</a>	1	33.866 s	7.047 s
<a href="#">findpeaks&gt;orderPeaks</a>	1536	17.166 s	17.166 s
<a href="#">FiltroGaussiano</a>	644	17.152 s	17.152 s
<a href="#">SelectEachCarrier</a>	1	16.051 s	13.059 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	1536	12.279 s	12.279 s
<a href="#">mean</a>	1019146	7.012 s	7.012 s
<a href="#">findpeaks&gt;combinePeaks</a>	1536	6.654 s	0.245 s
<a href="#">union</a>	1536	6.408 s	0.079 s
<a href="#">union&gt;unionR2012a</a>	1536	6.329 s	1.068 s
<a href="#">Fibra_Monomodo1</a>	132	5.947 s	5.853 s
<a href="#">fftshift</a>	1037	5.567 s	5.567 s



<a href="#">unique</a>	1536	5.261 s	0.121 s
<a href="#">unique&gt;uniqueR2012a</a>	1536	5.140 s	5.140 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	1536	5.035 s	5.035 s
<a href="#">findpeaks&gt;parse_inputs</a>	1536	3.550 s	3.221 s
<a href="#">linspace</a>	1537	2.527 s	2.527 s
<a href="#">DpskEncodEqT</a>	256	1.077 s	1.077 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	1536	0.901 s	0.901 s
<a href="#">rectpulse</a>	259	0.792 s	0.792 s
<a href="#">validatestring</a>	4608	0.248 s	0.097 s
<a href="#">close</a>	257	0.212 s	0.020 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	1536	0.160 s	0.160 s
<a href="#">close&gt;safegetchildren</a>	257	0.139 s	0.026 s
<a href="#">allchild</a>	257	0.113 s	0.067 s
<a href="#">validatestring&gt;checkString</a>	4608	0.092 s	0.092 s
<a href="#">flipud</a>	512	0.078 s	0.078 s
<a href="#">hist</a>	256	0.060 s	0.053 s
<a href="#">validatestring&gt;checkInputs</a>	4608	0.060 s	0.060 s
<a href="#">target</a>	9216	0.057 s	0.057 s
<a href="#">close&gt;getEmptyHandleList</a>	257	0.051 s	0.051 s
<a href="#">time2freq_lamb_2</a>	5	0.031 s	0.026 s
<a href="#">Set_MZ_Input_Data_Simp</a>	5	0.023 s	0.018 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	257	0.020 s	0.007 s
<a href="#">...set(rootobj,'ShowHiddenHandles'.Temp)</a>	257	0.013 s	0.013 s
<a href="#">allchild&gt;getchildren</a>	257	0.012 s	0.012 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	257	0.012 s	0.012 s
<a href="#">signal\private\chkinputdatatype</a>	3072	0.011 s	0.011 s
<a href="#">findpeaks&gt;assignOutputs</a>	1536	0.009 s	0.009 s



<a href="#">isduration</a>	4608	0.008 s	0.008 s
<a href="#">axescheck</a>	256	0.006 s	0.006 s
<a href="#">num2str</a>	10	0.005 s	0.003 s
<a href="#">isdatetime</a>	1536	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	0.002 s	0.001 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="#">close&gt;request_close</a>	257	0.001 s	0.001 s
<a href="#">nextpow2</a>	3	0.001 s	0.001 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 function. Self time also includes overhead resulting from the process of profiling.


ns. Self