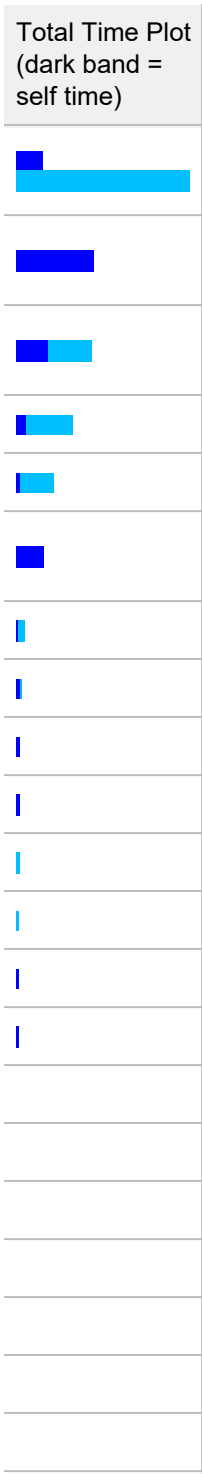


## Profile Summary

Generated 16-Sep-2018 21:38:36 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	1030.077 s	133.648 s
<a href="#">DelayInterfExp</a>	1778	398.503 s	398.503 s
<a href="#">OpticalFFTNT</a>	1016	389.119 s	162.443 s
<a href="#">FindChanelResponse</a>	1	293.350 s	54.361 s
<a href="#">OpticalIFFTNT</a>	762	193.546 s	21.720 s
<a href="#">MZM</a>	384	144.075 s	144.075 s
<a href="#">ProagationDelayT</a>	1	33.482 s	6.971 s
<a href="#">SelectEachCarrier</a>	2	31.561 s	25.665 s
<a href="#">FiltroGaussiano</a>	1155	23.544 s	23.544 s
<a href="#">MeasPower</a>	512	22.420 s	22.420 s
<a href="#">findpeaks</a>	256	21.473 s	0.343 s
<a href="#">findpeaks&gt;getAllPeaks</a>	256	13.435 s	0.683 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	256	12.752 s	12.752 s
<a href="#">Fibra_Monomodo1</a>	132	5.816 s	5.724 s
<a href="#">findpeaks&gt;orderPeaks</a>	256	2.928 s	2.928 s
<a href="#">rectpulse</a>	769	2.895 s	2.895 s
<a href="#">fftshift</a>	1292	2.686 s	2.686 s
<a href="#">mean</a>	1034	2.171 s	2.171 s
<a href="#">intdump</a>	768	2.110 s	0.050 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	256	2.026 s	2.026 s
<a href="#">findpeaks&gt;combinePeaks</a>	256	1.112 s	0.043 s



<a href="#">union</a>	256	1.069 s	0.014 s
<a href="#">union&gt;unionR2012a</a>	256	1.054 s	0.182 s
<a href="#">unique</a>	1024	0.961 s	0.069 s
<a href="#">unique&gt;uniqueR2012a</a>	1024	0.893 s	0.893 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	256	0.837 s	0.837 s
<a href="#">time2freq</a>	256	0.649 s	0.546 s
<a href="#">findpeaks&gt;parse_inputs</a>	256	0.615 s	0.556 s
<a href="#">linspace</a>	256	0.325 s	0.325 s
<a href="#">close</a>	257	0.298 s	0.020 s
<a href="#">close&gt;safegetchildren</a>	257	0.204 s	0.053 s
<a href="#">qammod</a>	512	0.201 s	0.020 s
<a href="#">qamdemod</a>	256	0.165 s	0.015 s
<a href="#">allchild</a>	257	0.151 s	0.098 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	256	0.149 s	0.149 s
<a href="#">qamdemod&gt;processInput</a>	256	0.123 s	0.049 s
<a href="#">qammod&gt;processInput</a>	512	0.121 s	0.012 s
<a href="#">qammod&gt;processIntInput</a>	512	0.083 s	0.005 s
<a href="#">close&gt;getEmptyHandleList</a>	257	0.072 s	0.072 s
<a href="#">qammod&gt;processInputArgs</a>	512	0.061 s	0.013 s
<a href="#">qammod&gt;processSymbols</a>	512	0.060 s	0.008 s
<a href="#">grayMappingQAM</a>	768	0.056 s	0.054 s
<a href="#">bin2gray</a>	512	0.053 s	0.018 s
<a href="#">validatestring</a>	768	0.045 s	0.018 s
<a href="#">qamdemod&gt;computeHardInt</a>	256	0.041 s	0.040 s
<a href="#">ismember</a>	768	0.035 s	0.007 s
<a href="#">time2freq_lamb_2</a>	5	0.034 s	0.028 s
<a href="#">gray2bin</a>	256	0.031 s	0.011 s



<a href="#">ismember&gt;ismemberR2012a</a>	768	0.028 s	0.022 s
<a href="#">gamdemod&gt;processInputArgs</a>	256	0.028 s	0.008 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	256	0.028 s	0.028 s
<a href="#">Set_MZ_Input_Data_Simp</a>	5	0.028 s	0.022 s
<a href="#">gammod&gt;validateInput</a>	512	0.025 s	0.023 s
<a href="#">squaregamconst</a>	512	0.025 s	0.024 s
<a href="#">gammod&gt;validateInputArgs</a>	512	0.022 s	0.007 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	257	0.021 s	0.007 s
<a href="#">gammod&gt;lookupTable</a>	512	0.018 s	0.018 s
<a href="#">validatestring&gt;checkString</a>	768	0.017 s	0.017 s
<a href="#">gammod&gt;validateM</a>	512	0.015 s	0.015 s
<a href="#">...set(rootobj,'ShowHiddenHandles',Temp)</a>	257	0.015 s	0.015 s
<a href="#">gamdemod&gt;validateInputArgs</a>	256	0.013 s	0.005 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	257	0.013 s	0.013 s
<a href="#">allchild&gt;getchildren</a>	257	0.013 s	0.013 s
<a href="#">validatestring&gt;checkInputs</a>	768	0.010 s	0.010 s
<a href="#">target</a>	1536	0.009 s	0.009 s
<a href="#">gamdemod&gt;validateM</a>	256	0.008 s	0.008 s
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	768	0.007 s	0.007 s
<a href="#">gamdemod&gt;validateInput</a>	256	0.007 s	0.005 s
<a href="#">fliplr</a>	768	0.006 s	0.006 s
<a href="#">num2str</a>	10	0.006 s	0.004 s
<a href="#">uitools\private\allchildRootHelper</a>	257	0.006 s	0.006 s
<a href="#">isfi</a>	1792	0.005 s	0.005 s
<a href="#">flipud</a>	384	0.005 s	0.005 s
<a href="#">Fibra_Monomodo_Input_Data</a>	132	0.003 s	0.003 s
<a href="#">nullcopy</a>	768	0.003 s	0.003 s



<a href="#">signal\private\chkinputdatatype</a>	512	0.002 s	0.002 s
<a href="#">int2str</a>	10	0.002 s	0.002 s
<a href="#">findpeaks&gt;assignOutputs</a>	256	0.002 s	0.002 s
<a href="#">isduration</a>	768	0.001 s	0.001 s
<a href="#">nextpow2</a>	6	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="#">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 fun time also includes overhead resulting from the process of profiling.


ctions. Self