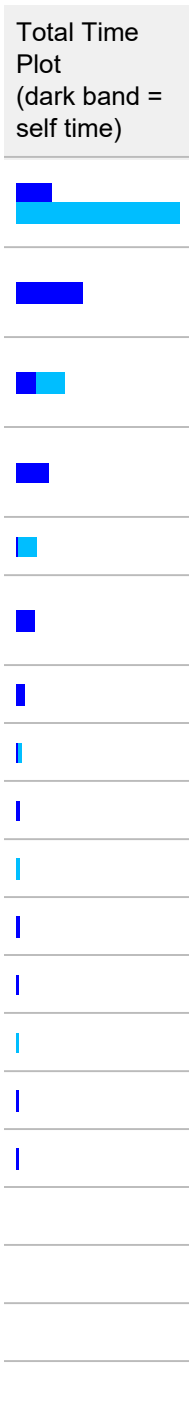


Profile Summary

Generated 16-Sep-2018 20:51:40 using performance time.

Function Name	Calls	Total Time	Self Time*
MainOptimizing5	1	1193.107 s	210.688 s
DelayInterfExp	1782	388.721 s	388.721 s
OpticalFFTNT	762	285.331 s	117.222 s
Olho_mex (MEX-file)	512	196.475 s	196.475 s
OpticalIFFTNT	508	127.316 s	14.346 s
RecDowDqpsk_mex (MEX-file)	256	106.435 s	106.435 s
IqMod	256	48.050 s	48.050 s
ProagationDelayT	1	33.779 s	7.049 s
MeasPower	512	22.162 s	22.162 s
findpeaks	256	21.583 s	0.339 s
FiltroGaussiano	644	18.933 s	18.933 s
SelectEachCarrier	1	15.855 s	12.915 s
findpeaks>getAllPeaks	256	13.583 s	0.681 s
findpeaks>findLocalMaxima	256	12.902 s	12.902 s
mean	2037770	12.885 s	12.885 s
Fibra_Monomodo1	132	5.944 s	5.851 s
DqpskEncodeEqT	256	5.152 s	5.150 s
findpeaks>orderPeaks	256	2.907 s	2.907 s
fftshift	781	2.662 s	2.662 s



findpeaks>removePeaksBelowThreshold	256	2.032 s	2.032 s
rectpulse	515	1.532 s	1.532 s
findpeaks>combinePeaks	256	1.101 s	0.042 s
union	256	1.059 s	0.014 s
union>unionR2012a	256	1.045 s	0.179 s
unique	256	0.866 s	0.022 s
unique>uniqueR2012a	256	0.843 s	0.843 s
findpeaks>removePeaksBelowMinPeakHeight	256	0.834 s	0.834 s
findpeaks>parse_inputs	256	0.610 s	0.552 s
close	257	0.213 s	0.019 s
flipud	1024	0.168 s	0.168 s
...aksSeparatedByMoreThanMinPeakDistance	256	0.147 s	0.147 s
close>safegetchildren	257	0.141 s	0.027 s
allchild	257	0.114 s	0.067 s
close>getEmptyHandleList	257	0.051 s	0.051 s
validatestring	768	0.043 s	0.017 s
time2freq_lamb_2	5	0.032 s	0.026 s
findpeaks>keepAtMostNpPeaks	256	0.028 s	0.028 s
Set_MZ_Input_Data_Simp	5	0.027 s	0.022 s
onCleanup>onCleanup.delete	257	0.020 s	0.006 s
validatestring>checkString	768	0.016 s	0.016 s
...set(rootobj,'ShowHiddenHandles',Temp)	257	0.013 s	0.013 s
allchild>getchildren	257	0.012 s	0.012 s
onCleanup>onCleanup.onCleanup	257	0.012 s	0.012 s
validatestring>checkInputs	768	0.010 s	0.010 s
target	1536	0.010 s	0.010 s
linspace	513	0.009 s	0.009 s

num2str	10	0.005 s	0.003 s
uitools\private\allchildRootHelper	257	0.003 s	0.003 s
Fibra_Monomodo_Input_Data	132	0.003 s	0.003 s
signal\private\chkinputdatatype	512	0.002 s	0.002 s
time2freq	1	0.002 s	0.001 s
findpeaks>assignOutputs	256	0.002 s	0.002 s
int2str	10	0.002 s	0.002 s
gpuDeviceCount	1	0.002 s	0.001 s
isduration	768	0.001 s	0.001 s
close>checkfigs	257	0.001 s	0.001 s
close>request_close	257	0.001 s	0.001 s
nextpow2	3	0.001 s	0.001 s
isdatetime	256	0.001 s	0.001 s
GPUDevice.GPUDevice>GPUDevice.count	1	0.001 s	0.000 s
deviceCount	1	0.000 s	0.000 s
pwd	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.

ns. Self