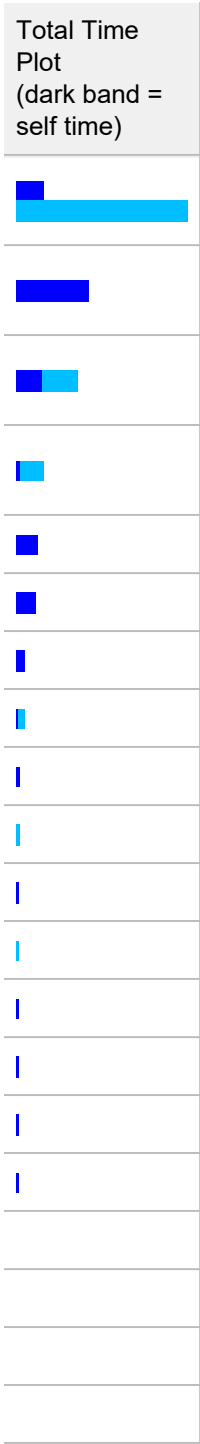


Profile Summary

Generated 16-Sep-2018 21:10:43 using performance time.

Function Name	Calls	Total Time	Self Time*
MainOptimizing5	1	931.068 s	134.308 s
DelayInterfExp	1526	336.686 s	336.686 s
OpticalFFTNT	762	285.470 s	116.552 s
OpticalIFFTNT	508	128.189 s	14.623 s
Olho_mex (MEX-file)	256	98.435 s	98.435 s
MZM	256	95.631 s	95.631 s
RecDowDepsk_mex (MEX-file)	256	40.444 s	40.444 s
ProagationDelayT	1	33.606 s	7.005 s
MeasPower	512	22.919 s	22.919 s
findpeaks	256	21.502 s	0.337 s
SelectEachCarrier	1	15.826 s	12.896 s
findpeaks>getAllPeaks	256	13.553 s	0.681 s
FiltroGaussiano	516	13.144 s	13.144 s
findpeaks>findLocalMaxima	256	12.871 s	12.871 s
mean	1019146	6.921 s	6.921 s
Fibra_Monomodo1	132	5.895 s	5.800 s
findpeaks>orderPeaks	256	2.888 s	2.888 s
fftshift	653	2.037 s	2.037 s
findpeaks>removePeaksBelowThreshold	256	2.019 s	2.019 s
findpeaks>combinePeaks	256	1.098 s	0.043 s



union	256	1.054 s	0.014 s
union>unionR2012a	256	1.041 s	0.179 s
DpskEncodEqT	256	1.035 s	1.035 s
unique	256	0.862 s	0.023 s
unique>uniqueR2012a	256	0.839 s	0.839 s
findpeaks>removePeaksBelowMinPeakHeight	256	0.828 s	0.828 s
rectpulse	259	0.774 s	0.774 s
findpeaks>parse_inputs	256	0.603 s	0.547 s
close	257	0.218 s	0.019 s
...aksSeparatedByMoreThanMinPeakDistance	256	0.147 s	0.147 s
close>safegetchildren	257	0.145 s	0.027 s
allchild	257	0.118 s	0.069 s
flipud	512	0.075 s	0.075 s
close>getEmptyHandleList	257	0.052 s	0.052 s
validatestring	768	0.042 s	0.017 s
time2freq_lamb_2	5	0.033 s	0.027 s
findpeaks>keepAtMostNpPeaks	256	0.028 s	0.028 s
Set_MZ_Input_Data_Simp	5	0.025 s	0.020 s
onCleanup>onCleanup.delete	257	0.020 s	0.007 s
validatestring>checkString	768	0.016 s	0.016 s
...set(rootobj,'ShowHiddenHandles'.Temp)	257	0.014 s	0.014 s
onCleanup>onCleanup.onCleanup	257	0.013 s	0.013 s
allchild>getchildren	257	0.013 s	0.013 s
validatestring>checkInputs	768	0.010 s	0.010 s
target	1536	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
time2freq	1	0.002 s	0.001 s
signal\private\chkinputdatatype	512	0.002 s	0.002 s
int2str	10	0.002 s	0.002 s
findpeaks>assignOutputs	256	0.002 s	0.002 s
close>checkfigs	257	0.001 s	0.001 s
isduration	768	0.001 s	0.001 s
linspace	1	0.001 s	0.001 s
close>request_close	257	0.001 s	0.001 s
gpuDeviceCount	1	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
pwd	4	0.000 s	0.000 s
deviceCount	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