


















Profile Summary

Generated 16-Sep-2018 22:37:20 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing5	1	654.067 s	298.453 s	
DelayInterfG	6350	86.488 s	86.488 s	
OpticalFFTGT	3810	73.430 s	22.306 s	
RecDowPam4_mex (MEX-file)	256	57.193 s	57.193 s	
OpticalIFFTGT	2540	43.945 s	8.582 s	
FiltroGaussiano	644	37.852 s	37.852 s	
ProagationDelayT	1	34.177 s	7.119 s	
MZMGT	1280	23.778 s	23.778 s	
MeasPower	512	22.355 s	22.355 s	
mean	2593290	22.111 s	22.111 s	
findpeaks	256	21.929 s	0.348 s	
std	786432	21.203 s	4.109 s	
var	786432	17.094 s	17.094 s	
SelectEachCarrier	1	17.012 s	13.971 s	
findpeaks>getAllPeaks	256	13.764 s	0.689 s	
findpeaks>findLocalMaxima	256	13.075 s	13.075 s	
Fibra_Monomodo1	132	5.900 s	5.808 s	
findpeaks>orderPeaks	256	2.974 s	2.974 s	
fftshift	781	2.663 s	2.663 s	
findpeaks>removePeaksBelowThreshold	256	2.062 s	2.062 s	
rectpulse	515	1.448 s	1.448 s	

findpeaks>combinePeaks	256	1.135 s	0.044 s	
union	256	1.091 s	0.014 s	
union>unionR2012a	256	1.077 s	0.183 s	
unique	256	0.894 s	0.023 s	
unique>uniqueR2012a	256	0.871 s	0.871 s	
findpeaks>removePeaksBelowMinPeakHeight	256	0.845 s	0.845 s	
findpeaks>parse_inputs	256	0.616 s	0.558 s	
Mapping4PamlqT	256	0.361 s	0.357 s	
close	257	0.219 s	0.018 s	
flipud	1024	0.171 s	0.171 s	
...aksSeparatedByMoreThanMinPeakDistance	256	0.152 s	0.152 s	
close>safegetchildren	257	0.146 s	0.027 s	
allchild	257	0.119 s	0.069 s	
close>getEmptyHandleList	257	0.052 s	0.052 s	
validatestring	768	0.044 s	0.017 s	
time2freq_lamb_2	5	0.033 s	0.027 s	
findpeaks>keepAtMostNpPeaks	256	0.031 s	0.031 s	
Set_MZ_Input_Data_Simp	5	0.025 s	0.020 s	
onCleanup>onCleanup.delete	257	0.021 s	0.007 s	
validatestring>checkString	768	0.017 s	0.017 s	
...set(rootobj,'ShowHiddenHandles'.Temp)	257	0.014 s	0.014 s	
allchild>getchildren	257	0.013 s	0.013 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	257	0.005 s	0.005 s	
num2str	10	0.005 s	0.003 s	

uitools\private\allchildRootHelper	257	0.003 s	0.003 s	
time2freq	1	0.003 s	0.001 s	
Fibra_Monomodo_Input_Data	132	0.003 s	0.003 s	
signal\private\chkinputdatatype	512	0.002 s	0.002 s	
findpeaks>assignOutputs	256	0.002 s	0.002 s	
int2str	10	0.002 s	0.002 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	
gpuDeviceCount	1	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.