






















Profile Summary

Generated 10-Sep-2018 09:20:23 using performance time.

Function Name	Calls	Total Time	Self Time*	Total Time Plot (dark band = self time)
MainOptimizing4	1	794.762 s	241.314 s	
findpeaks	1536	128.735 s	2.150 s	
DelayInterfG	7630	107.773 s	107.773 s	
MZM	1280	94.464 s	94.464 s	
findpeaks>getAllPeaks	1536	81.136 s	4.051 s	
MeasPower	3840	80.028 s	77.501 s	
findpeaks>findLocalMaxima	1536	77.086 s	77.086 s	
OpticalFFTGT	3810	76.394 s	23.602 s	
Olho_mex (MEX-file)	1280	49.377 s	49.377 s	
OpticalIFFTGT	2540	45.985 s	9.140 s	
ProagationDelayT	1	33.738 s	6.975 s	
FiltroGaussiano	2692	18.627 s	18.627 s	
findpeaks>orderPeaks	1536	17.060 s	17.060 s	
SelectEachCarrier	1	16.042 s	13.077 s	
findpeaks>removePeaksBelowThreshold	1536	12.174 s	12.174 s	
mean	1020182	7.107 s	7.107 s	
findpeaks>combinePeaks	1536	6.611 s	0.240 s	
union	1536	6.372 s	0.079 s	
union>unionR2012a	1536	6.293 s	1.064 s	
fftshift	4121	6.196 s	6.196 s	
Fibra_Monomodo1	148	5.917 s	5.833 s	

unique	1536	5.229 s	0.120 s	
unique>uniqueR2012a	1536	5.108 s	5.108 s	
findpeaks>removePeaksBelowMinPeakHeight	1536	5.032 s	5.032 s	
findpeaks>parse_inputs	1536	3.508 s	3.185 s	
linspace	2561	2.551 s	2.551 s	
close	1281	0.998 s	0.077 s	
...aksSeparatedByMoreThanMinPeakDistance	1536	0.903 s	0.903 s	
rectpulse	1283	0.847 s	0.847 s	
close>safegetchildren	1281	0.664 s	0.123 s	
allchild	1281	0.540 s	0.317 s	
DpskEncodEqT	1280	0.312 s	0.312 s	
close>getEmptyHandleList	1281	0.248 s	0.248 s	
validatestring	4608	0.243 s	0.094 s	
hist	1280	0.177 s	0.149 s	
findpeaks>keepAtMostNpPeaks	1536	0.151 s	0.151 s	
flipud	2560	0.120 s	0.120 s	
onCleanup>onCleanup.delete	1281	0.094 s	0.029 s	
validatestring>checkString	4608	0.090 s	0.090 s	
...set(rootobj,'ShowHiddenHandles',Temp)	1281	0.065 s	0.065 s	
validatestring>checkInputs	4608	0.059 s	0.059 s	
allchild>getchildren	1281	0.059 s	0.059 s	
target	9216	0.056 s	0.056 s	
onCleanup>onCleanup.onCleanup	1281	0.056 s	0.056 s	
axescheck	1280	0.027 s	0.027 s	
Set_MZ_Input_Data_Simp	5	0.025 s	0.020 s	
uitools\private\allchildRootHelper	1281	0.014 s	0.014 s	
signal\private\chkinputdatatype	3072	0.011 s	0.011 s	

time2freq_lamb_2	1	0.009 s	0.006 s	
findpeaks>assignOutputs	1536	0.009 s	0.009 s	
isduration	4608	0.008 s	0.008 s	
close>checkfigs	1281	0.005 s	0.005 s	
num2str	10	0.005 s	0.003 s	
isdatetime	1536	0.005 s	0.005 s	
close>request_close	1281	0.004 s	0.004 s	
Fibra_Monomodo_Input_Data	148	0.003 s	0.003 s	
time2freq	1	0.002 s	0.001 s	
int2str	10	0.002 s	0.002 s	
nextpow2	3	0.001 s	0.001 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.