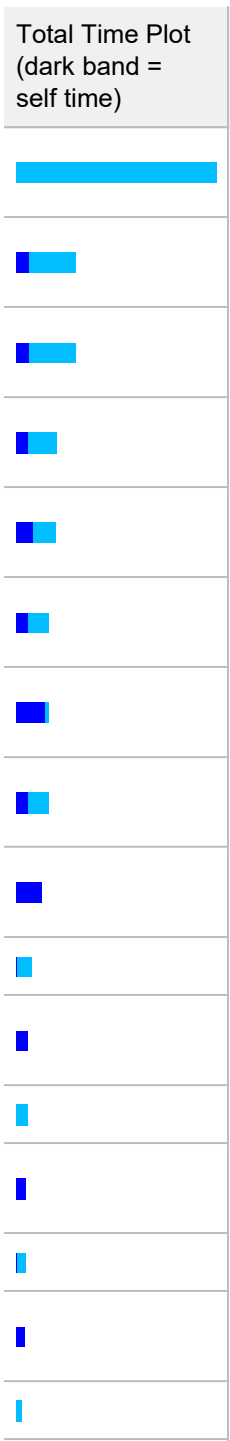


Profile Summary

Generated 13-Sep-2018 17:42:50 using performance time.

Function Name	Calls	Total Time	Self Time*
MAIN	1	3616.930 s	2.295 s
DatumReception	10	1099.341 s	252.183 s
DatumUpstrRec	10	1086.885 s	267.298 s
DatumUpstream	10	717.123 s	204.517 s
DatumTransmission	10	710.640 s	316.834 s
Olho	1280	596.443 s	231.749 s
DelayInterfExp	6350	582.810 s	542.256 s
OpticalFFTN	3810	576.507 s	228.830 s
mean	8583031	477.326 s	477.326 s
OpticalIFFTN	2540	267.378 s	32.244 s
DelayInterf	2560	236.723 s	221.446 s
findpeaks	1536	206.155 s	3.241 s
Mach_Zehnder_Modulator_simplificado_2	1280	185.644 s	181.993 s
std	1310720	170.948 s	31.325 s
var	1310720	139.622 s	139.622 s
findpeaks>getAllPeaks	1536	127.226 s	6.717 s



findpeaks>findLocalMaxima	1536	120.508 s	120.508 s
MeasPower	3840	102.368 s	98.770 s
DatumTransmissionInputData	10	56.054 s	0.091 s
time2freq	8930	55.837 s	45.915 s
ProagationDelay	1	55.377 s	12.902 s
SelectEachCarrier	1	32.993 s	28.149 s
FiltroGaussiano	2749	31.789 s	31.789 s
findpeaks>orderPeaks	1536	27.638 s	27.638 s
DpskEncodEq	1280	24.505 s	24.505 s
findpeaks>removePeaksBelowThreshold	1536	20.767 s	20.767 s
findpeaks>combinePeaks	1536	11.219 s	0.526 s
union	1536	10.693 s	0.213 s
union>unionR2012a	1536	10.480 s	1.647 s
Fibra_Monomodo1	148	10.415 s	10.285 s
fftshift	4208	9.189 s	9.189 s
unique	1536	8.833 s	0.371 s
unique>uniqueR2012a	1536	8.462 s	8.462 s
findpeaks>removePeaksBelowMinPeakHeight	1536	8.049 s	8.049 s
linspace	6420	6.805 s	6.805 s
findpeaks>parse_inputs	1536	6.597 s	5.261 s
Import_Data_MZM	1280	3.651 s	1.487 s
evm1	5120	3.410 s	0.587 s
rectpulse	1321	2.972 s	2.972 s
modnorm	25600	2.532 s	1.084 s
clearvars	1290	2.304 s	1.223 s
EvmCalc	5120	1.497 s	0.375 s

DatumUpstreamInputData	10	1.126 s	0.116 s
hist	3840	1.066 s	0.886 s
...aksSeparatedByMoreThanMinPeakDistance	1536	1.051 s	1.051 s
validatestring	4608	0.958 s	0.344 s
dpskmod	5120	0.612 s	0.612 s
clearvars>parseArgs	1290	0.554 s	0.554 s
clearvars>createPattern	1300	0.528 s	0.261 s
ismember	2560	0.442 s	0.075 s
num2str	1392	0.427 s	0.197 s
Make_MZ_Input_Files_Simp	11	0.384 s	0.017 s
validatestring>checkString	4608	0.379 s	0.379 s
Set_MZ_Input_Data_Simp	45	0.368 s	0.337 s
ismember>ismemberR2012a	2560	0.367 s	0.204 s
db	30	0.332 s	0.332 s
findpeaks>keepAtMostNpPeaks	1536	0.317 s	0.317 s
target	9216	0.269 s	0.269 s
strjoin	1290	0.267 s	0.241 s
validatestring>checkInputs	4608	0.234 s	0.234 s
int2str	1392	0.230 s	0.230 s
axescheck	3840	0.180 s	0.180 s
ismember>ismemberBuiltinTypes	2560	0.163 s	0.163 s
Make_MZ_Input_Files_DP	11	0.114 s	0.014 s
Set_MZ_Input_Data_DP	11	0.100 s	0.094 s
pwd	1322	0.066 s	0.066 s
findpeaks>assignOutputs	1536	0.051 s	0.051 s
signal\private\chkinputdatatype	3072	0.048 s	0.048 s
DatumUpstrRecInputData	10	0.041 s	0.020 s

isduration	4608	0.040 s	0.040 s
DatumReceptionInputData	10	0.039 s	0.023 s
PrintInfo	40	0.028 s	0.028 s
strfun\private\strescape	1290	0.025 s	0.025 s
isdatetime	1536	0.021 s	0.021 s
close	1	0.017 s	0.005 s
time2freq_lamb_2	1	0.015 s	0.010 s
close>safegetchildren	1	0.010 s	0.002 s
Fibra_Monomodo_Input_Data	148	0.009 s	0.009 s
allchild	1	0.008 s	0.004 s
nextpow2	40	0.006 s	0.006 s
MainInputData	1	0.005 s	0.004 s
MZ_Input_Data_DP	20	0.004 s	0.004 s
MZ_Input_Data	20	0.003 s	0.003 s
onCleanup>onCleanup.delete	1	0.001 s	0.001 s
onCleanup>onCleanup.onCleanup	1	0.001 s	0.001 s
close>getEmptyHandleList	1	0.001 s	0.001 s
...set(rootobj,'ShowHiddenHandles'.Temp)	1	0.001 s	0.001 s
uitools\private\allchildRootHelper	1	0.001 s	0.001 s
allchild>getchildren	1	0.001 s	0.001 s
close>request_close	1	0.001 s	0.001 s
close>checkfigs	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.

