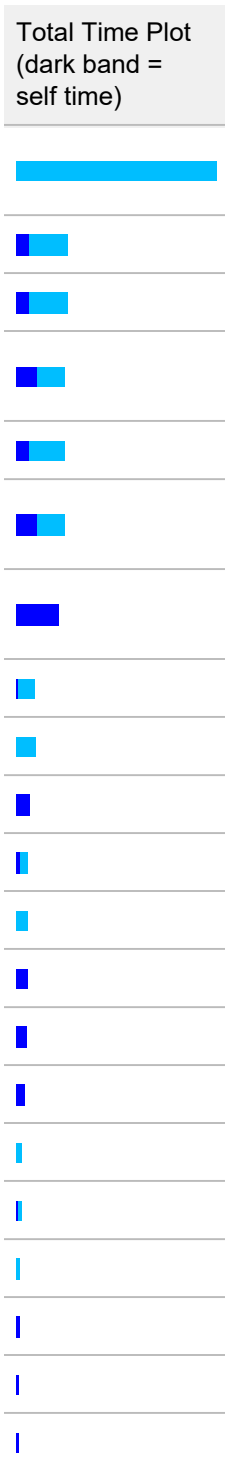


Profile Summary

Generated 09-Sep-2018 20:08:15 using performance time.

Function Name	Calls	Total Time	Self Time*
MAIN	1	1330.389 s	1.831 s
DatumUpstrRec	10	343.734 s	90.749 s
DatumReception	10	343.518 s	90.383 s
DatumTransmission	10	321.570 s	152.972 s
DatumUpstream	10	319.392 s	96.118 s
OpticalIFFTN	3810	307.867 s	140.696 s
DelayInterfExp	6350	279.601 s	279.601 s
OpticalIFFTN	2540	131.087 s	18.658 s
findpeaks	2816	131.032 s	1.756 s
Mach_Zehnder_Modulator_simplificado_2	1280	95.235 s	93.502 s
Olho	1280	88.549 s	29.865 s
findpeaks>getAllPeaks	2816	82.304 s	4.212 s
findpeaks>findLocalMaxima	2816	78.092 s	78.092 s
MeasPower	3840	65.331 s	62.722 s
mean	6444841	48.642 s	48.642 s
DatumTransmissionInputData	10	34.366 s	0.050 s
ProagationDelay	1	33.946 s	6.993 s
std	1310720	29.623 s	5.727 s
var	1310720	23.895 s	23.895 s
findpeaks>orderPeaks	2816	17.102 s	17.102 s
FiltroGaussiano	2749	17.039 s	17.039 s



SelectEachCarrier	1	15.994 s	12.991 s
findpeaks>removePeaksBelowThreshold	2816	12.294 s	12.294 s
findpeaks>combinePeaks	2816	6.906 s	0.265 s
union	2816	6.641 s	0.112 s
union>unionR2012a	2816	6.529 s	1.099 s
fftshift	4178	6.199 s	6.199 s
Fibra_Monomodo1	148	5.810 s	5.726 s
hist	3840	5.573 s	5.534 s
unique	2816	5.430 s	0.185 s
unique>uniqueR2012a	2816	5.245 s	5.245 s
findpeaks>removePeaksBelowMinPeakHeight	2816	5.210 s	5.210 s
linspace	6420	4.723 s	4.723 s
findpeaks>parse_inputs	2816	4.347 s	3.753 s
Import_Data_MZM	1280	1.732 s	0.897 s
close	1281	1.036 s	0.079 s
clearvars	1290	0.987 s	0.615 s
...aksSeparatedByMoreThanMinPeakDistance	2816	0.925 s	0.925 s
rectpulse	1321	0.894 s	0.894 s
close>safegetchildren	1281	0.685 s	0.130 s
DatumUpstreamInputData	10	0.560 s	0.067 s
allchild	1281	0.555 s	0.326 s
validatestring	8448	0.460 s	0.176 s
close>getEmptyHandleList	1281	0.262 s	0.262 s
evm1	1280	0.218 s	0.056 s
clearvars>createPattern	1300	0.209 s	0.121 s
validatestring>checkString	8448	0.171 s	0.171 s
Make_MZ_Input_Files_Simp	11	0.167 s	0.004 s

clearvars>parseArgs	1290	0.164 s	0.164 s
Set_MZ_Input_Data_Simp	45	0.163 s	0.152 s
findpeaks>keepAtMostNpPeaks	2816	0.163 s	0.163 s
modnorm	6400	0.152 s	0.069 s
num2str	1392	0.150 s	0.061 s
EvmCalc	1280	0.129 s	0.040 s
validatestring>checkInputs	8448	0.112 s	0.112 s
ismember	2560	0.111 s	0.017 s
onCleanup>onCleanup.delete	1281	0.098 s	0.032 s
ismember>ismemberR2012a	2560	0.094 s	0.052 s
target	16896	0.092 s	0.092 s
int2str	1392	0.089 s	0.089 s
strjoin	1290	0.088 s	0.083 s
...set(rootobj,'ShowHiddenHandles',Temp)	1281	0.066 s	0.066 s
pammod	1280	0.062 s	0.034 s
allchild>getchildren	1281	0.060 s	0.060 s
onCleanup>onCleanup.onCleanup	1281	0.058 s	0.058 s
Make_MZ_Input_Files_DP	11	0.054 s	0.005 s
Set_MZ_Input_Data_DP	11	0.048 s	0.047 s
DatumUpstrRecInputData	10	0.048 s	0.040 s
DatumReceptionInputData	10	0.047 s	0.038 s
ismember>ismemberBuiltinTypes	2560	0.042 s	0.042 s
axescheck	3840	0.039 s	0.039 s
genqammod	1280	0.028 s	0.028 s
findpeaks>assignOutputs	2816	0.026 s	0.026 s
pwd	1322	0.025 s	0.025 s
signal\private\chkinputdatatype	5632	0.020 s	0.020 s

uitools\private\allchildRootHelper	1281	0.014 s	0.014 s
isduration	8448	0.013 s	0.013 s
time2freq_lamb_2	1	0.009 s	0.006 s
isdatetime	2816	0.009 s	0.009 s
close>checkfigs	1281	0.006 s	0.006 s
time2freq	20	0.005 s	0.004 s
strfun\private\strescape	1290	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
MZ_Input_Data_DP	20	0.002 s	0.002 s
MainInputData	1	0.002 s	0.002 s
nextpow2	40	0.002 s	0.002 s
PrintInfo	10	0.002 s	0.002 s
MZ_Input_Data	20	0.002 s	0.002 s

Self time is the time spent in a function excluding the time spent in its child function. Self time also includes overhead resulting from the process of profiling.

ns. Self