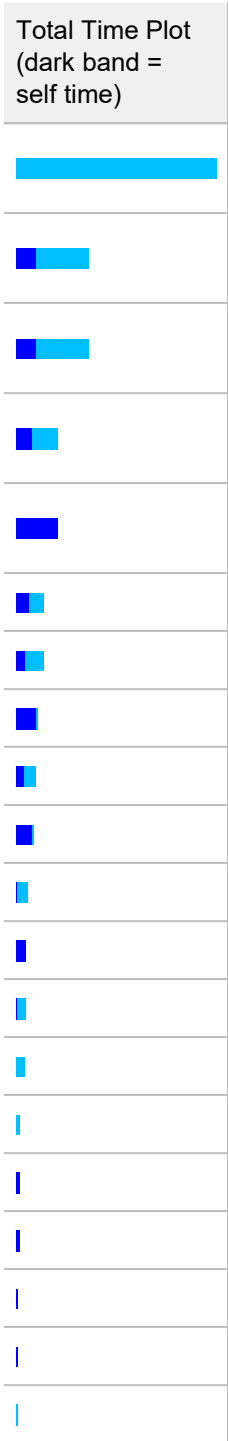


Profile Summary

Generated 13-Sep-2018 15:29:04 using performance time.

Function Name	Calls	Total Time	Self Time*
MAIN	1	5708.458 s	2.954 s
DatumUpstrRec	10	2033.445 s	568.574 s
DatumReception	10	2020.331 s	562.824 s
Olho	2560	1201.264 s	465.805 s
mean	21319671	1171.053 s	1171.053 s
DatumTransmission	10	831.682 s	411.110 s
DatumUpstream	10	819.348 s	292.985 s
DelayInterfExp	6350	583.190 s	543.206 s
OpticalFFTN	3810	571.259 s	223.909 s
DelayInterf	5120	481.821 s	450.142 s
std	2621440	345.178 s	63.976 s
var	2621440	281.202 s	281.202 s
OpticalIFFTN	2540	268.135 s	32.295 s
findpeaks	1536	210.204 s	3.230 s
findpeaks>getAllPeaks	1536	129.956 s	6.788 s
findpeaks>findLocalMaxima	1536	123.168 s	123.168 s
MeasPower	5120	120.102 s	112.981 s
time2freq	12770	77.561 s	63.772 s
lqMod	1280	76.463 s	76.463 s
DatumTransmissionInputData	10	59.655 s	0.095 s



ProagationDelay	1	59.001 s	13.605 s
DqpskEncodEq	1280	51.050 s	51.005 s
FiltroGaussiano	2749	34.725 s	34.725 s
SelectEachCarrier	1	28.530 s	23.985 s
findpeaks>orderPeaks	1536	28.061 s	28.061 s
findpeaks>removePeaksBelowThreshold	1536	20.879 s	20.879 s
linspace	15380	13.478 s	13.478 s
findpeaks>combinePeaks	1536	11.695 s	0.514 s
union	1536	11.181 s	0.208 s
union>unionR2012a	1536	10.973 s	1.728 s
Fibra_Monomodo1	148	10.782 s	10.659 s
fftshift	4208	9.351 s	9.351 s
unique	1536	9.246 s	0.410 s
unique>uniqueR2012a	1536	8.836 s	8.836 s
findpeaks>removePeaksBelowMinPeakHeight	1536	8.072 s	8.072 s
findpeaks>parse_inputs	1536	6.866 s	5.474 s
rectpulse	2601	6.336 s	6.336 s
evm1	5120	4.682 s	1.115 s
modnorm	25600	3.563 s	1.908 s
close	1281	2.683 s	0.223 s
EvmCalc	5120	2.553 s	0.976 s
hist	7680	2.182 s	1.791 s
close>safegetchildren	1281	1.828 s	0.320 s
allchild	1281	1.508 s	0.850 s
...aksSeparatedByMoreThanMinPeakDistance	1536	1.077 s	1.077 s
DatumUpstreamInputData	10	1.017 s	0.104 s
validatestring	4608	0.995 s	0.370 s

dpskmod	5120	0.676 s	0.676 s
clearvars	10	0.644 s	0.527 s
ismember	3840	0.619 s	0.103 s
close>getEmptyHandleList	1281	0.600 s	0.600 s
ismember>ismemberR2012a	3840	0.515 s	0.278 s
axescheck	7680	0.391 s	0.391 s
validatestring>checkString	4608	0.390 s	0.390 s
findpeaks>keepAtMostNpPeaks	1536	0.329 s	0.329 s
Make_MZ_Input_Files_Simp	11	0.326 s	0.017 s
Set_MZ_Input_Data_Simp	45	0.309 s	0.281 s
db	30	0.298 s	0.298 s
target	9216	0.287 s	0.287 s
onCleanup>onCleanup.delete	1281	0.264 s	0.095 s
ismember>ismemberBuiltinTypes	3840	0.237 s	0.237 s
validatestring>checkInputs	4608	0.235 s	0.235 s
allchild>getchildren	1281	0.182 s	0.182 s
...set(rootobj,'ShowHiddenHandles'.Temp)	1281	0.169 s	0.169 s
onCleanup>onCleanup.onCleanup	1281	0.160 s	0.160 s
Make_MZ_Input_Files_DP	11	0.121 s	0.020 s
Set_MZ_Input_Data_DP	11	0.101 s	0.095 s
clearvars>parseArgs	10	0.082 s	0.082 s
uitools\private\allchildRootHelper	1281	0.052 s	0.052 s
signal\private\chkinputdatatype	3072	0.049 s	0.049 s
isduration	4608	0.043 s	0.043 s
DatumReceptionInputData	10	0.042 s	0.024 s
DatumUpstrReclInputData	10	0.041 s	0.020 s
findpeaks>assignOutputs	1536	0.040 s	0.040 s

clearvars>createPattern	20	0.034 s	0.025 s
num2str	112	0.033 s	0.018 s
PrintInfo	40	0.028 s	0.028 s
isdatetime	1536	0.018 s	0.018 s
time2freq_lamb_2	1	0.018 s	0.010 s
close>request_close	1281	0.016 s	0.016 s
close>checkfigs	1281	0.016 s	0.016 s
int2str	112	0.015 s	0.015 s
strjoin	10	0.009 s	0.009 s
Fibra_Monomodo_Input_Data	148	0.008 s	0.008 s
nextpow2	40	0.005 s	0.005 s
MZ_Input_Data_DP	20	0.005 s	0.005 s
MZ_Input_Data	20	0.005 s	0.005 s
MainInputData	1	0.005 s	0.004 s
pwd	42	0.002 s	0.002 s
strfun\private\strescape	10	0.001 s	0.001 s

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

. Self