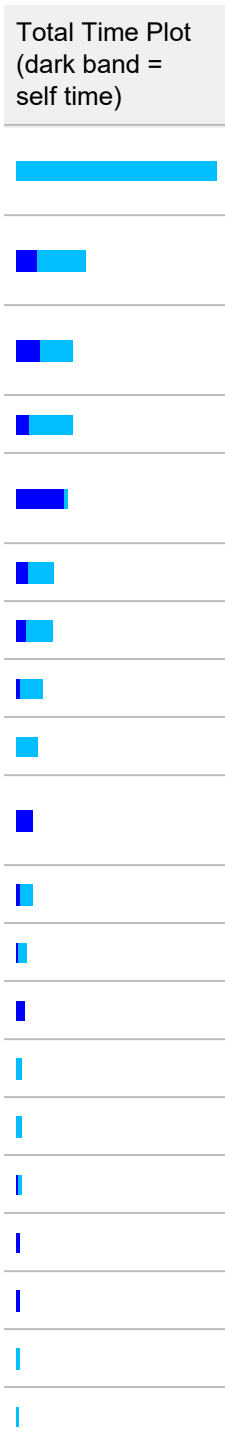


Profile Summary

Generated 09-Sep-2018 23:55:26 using performance time.

Function Name	Calls	Total Time	Self Time*
MAIN	1	1280.296 s	1.698 s
DatumTransmission	10	445.301 s	140.844 s
OpticalFFTN	4064	348.735 s	150.223 s
DatumUpstream	10	348.631 s	83.926 s
DelayInterfExp	6858	336.990 s	306.945 s
DatumUpstrRec	10	247.774 s	83.218 s
DatumReception	10	236.530 s	69.135 s
OpticalIFFTN	2794	159.055 s	20.578 s
DatumTransmissionInputData	10	136.420 s	0.086 s
Mach_Zehnder_Modulator_simplificado_2	1408	106.937 s	105.050 s
FindChanelResponse	1	102.016 s	28.187 s
gammod	392960	62.186 s	7.737 s
MeasPower	2560	52.802 s	52.802 s
gamdemod	326400	42.425 s	6.135 s
gammod>processInput	392960	36.994 s	4.475 s
ProagationDelay	1	33.930 s	6.968 s
time2freq	8266	33.435 s	28.296 s
SelectEachCarrier	2	32.064 s	26.145 s
gammod>processIntInput	392960	24.094 s	1.824 s
gamdemod>processInput	326400	23.939 s	5.760 s



FiltroGaussiano	4457	23.753 s	23.753 s
findpeaks	256	21.856 s	0.326 s
grayMappingQAM	719360	21.825 s	20.728 s
qammod>processSymbols	392960	18.810 s	2.669 s
qammod>processInputArgs	392960	17.454 s	4.347 s
bin2gray	392960	16.141 s	4.103 s
findpeaks>getAllPeaks	256	13.798 s	0.703 s
gray2bin	326400	13.166 s	3.378 s
findpeaks>findLocalMaxima	256	13.094 s	13.094 s
qamdemod>processInputArgs	326400	12.351 s	3.230 s
squareqamconst	392960	8.425 s	7.787 s
mean	21353	6.860 s	6.860 s
qammod>validateInputArgs	392960	6.589 s	2.368 s
qammod>validateInput	392960	6.519 s	5.887 s
Fibra_Monomodo1	148	5.890 s	5.807 s
qamdemod>validateInputArgs	326400	5.247 s	1.843 s
fftshift	4636	5.020 s	5.020 s
qamdemod>computeHardInt	326400	4.481 s	3.945 s
qammod>validateM	392960	4.221 s	4.221 s
qamdemod>validateInput	326400	3.873 s	3.245 s
qammod>lookupTable	392960	3.460 s	3.460 s
qamdemod>validateM	326400	3.404 s	3.404 s
findpeaks>orderPeaks	256	2.922 s	2.922 s
isfi	1765120	2.889 s	2.889 s
rectpulse	2817	2.297 s	2.297 s
findpeaks>removePeaksBelowThreshold	256	2.036 s	2.036 s
Import_Data_MZM	1408	1.887 s	0.958 s

intdump	2816	1.716 s	0.149 s
linspace	1408	1.665 s	1.665 s
nullcopy	719360	1.174 s	1.174 s
findpeaks>combinePeaks	256	1.132 s	0.042 s
union	256	1.090 s	0.015 s
clearvars	1418	1.088 s	0.678 s
close	1281	1.081 s	0.078 s
union>unionR2012a	256	1.076 s	0.179 s
unique	256	0.897 s	0.024 s
unique>uniqueR2012a	256	0.873 s	0.873 s
findpeaks>removePeaksBelowMinPeakHeight	256	0.844 s	0.844 s
close>safegetchildren	1281	0.719 s	0.137 s
findpeaks>parse_inputs	256	0.620 s	0.560 s
allchild	1281	0.582 s	0.351 s
evm1	1280	0.539 s	0.076 s
DatumUpstreamInputData	10	0.538 s	0.052 s
modnorm	6400	0.281 s	0.169 s
close>getEmptyHandleList	1281	0.275 s	0.275 s
EvmCalc	1280	0.259 s	0.076 s
clearvars>createPattern	1428	0.231 s	0.133 s
db	30	0.212 s	0.212 s
clearvars>parseArgs	1418	0.179 s	0.179 s
num2str	1520	0.162 s	0.066 s
Make_MZ_Input_Files_Simp	11	0.161 s	0.005 s
Set_MZ_Input_Data_Simp	45	0.156 s	0.146 s
...aksSeparatedByMoreThanMinPeakDistance	256	0.149 s	0.149 s
onCleanup>onCleanup.delete	1281	0.098 s	0.031 s

strjoin	1418	0.097 s	0.092 s
int2str	1520	0.096 s	0.096 s
...set(rootobj,'ShowHiddenHandles',Temp)	1281	0.067 s	0.067 s
allchild>getchildren	1281	0.061 s	0.061 s
onCleanup>onCleanup.onCleanup	1281	0.058 s	0.058 s
Make_MZ_Input_Files_DP	11	0.055 s	0.006 s
Set_MZ_Input_Data_DP	11	0.049 s	0.047 s
validatestring	768	0.045 s	0.017 s
findpeaks>keepAtMostNpPeaks	256	0.026 s	0.026 s
pwd	1452	0.026 s	0.026 s
OfdmInputData	10	0.022 s	0.022 s
validatestring>checkString	768	0.017 s	0.017 s
PrintInfo	40	0.016 s	0.016 s
uitools\private\allchildRootHelper	1281	0.014 s	0.014 s
flipud	1408	0.012 s	0.012 s
validatestring>checkInputs	768	0.011 s	0.011 s
target	1536	0.010 s	0.010 s
time2freq_lamb_2	1	0.009 s	0.006 s
close>checkfigs	1281	0.005 s	0.005 s
strfun\private\strescape	1418	0.005 s	0.005 s
MainInputData	2	0.005 s	0.004 s
close>request_close	1281	0.004 s	0.004 s
Fibra_Monomodo_Input_Data	148	0.003 s	0.003 s
findpeaks>assignOutputs	256	0.003 s	0.003 s
DatumReceptionInputData	10	0.002 s	0.002 s
signal\private\chkinputdatatype	512	0.002 s	0.002 s
DatumUpstrRecInputData	10	0.002 s	0.002 s

nextpow2	43	0.002 s	0.002 s
MZ_Input_Data_DP	20	0.002 s	0.002 s
MZ_Input_Data	20	0.001 s	0.001 s
isduration	768	0.001 s	0.001 s
isdatetime	256	0.001 s	0.001 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.

ns. Self