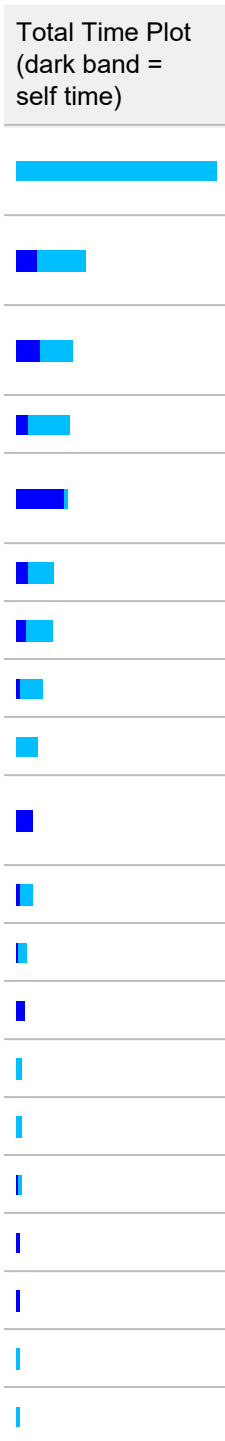


## Profile Summary

Generated 10-Sep-2018 00:26:36 using performance time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time*</a>
<a href="#">MAIN</a>	1	1287.428 s	1.783 s
<a href="#">DatumTransmission</a>	10	445.873 s	140.880 s
<a href="#">OpticalFFTN</a>	4064	350.386 s	150.650 s
<a href="#">DatumUpstream</a>	10	348.700 s	83.447 s
<a href="#">DelayInterfExp</a>	6858	338.282 s	308.176 s
<a href="#">DatumUpstrRec</a>	10	249.804 s	82.527 s
<a href="#">DatumReception</a>	10	240.904 s	69.082 s
<a href="#">OpticalIFFTN</a>	2794	159.136 s	20.590 s
<a href="#">DatumTransmissionInputData</a>	10	136.428 s	0.098 s
<a href="#">Mach_Zehnder_Modulator_simplificado_2</a>	1408	106.698 s	104.813 s
<a href="#">FindChanelResponse</a>	1	102.088 s	28.250 s
<a href="#">gammod</a>	392960	62.719 s	7.666 s
<a href="#">MeasPower</a>	2560	52.698 s	52.698 s
<a href="#">qamdemod</a>	326400	48.812 s	6.216 s
<a href="#">gammod&gt;processInput</a>	392960	37.761 s	4.385 s
<a href="#">ProagationDelay</a>	1	33.859 s	7.015 s
<a href="#">time2freq</a>	8266	33.503 s	28.362 s
<a href="#">SelectEachCarrier</a>	2	31.976 s	26.075 s
<a href="#">qamdemod&gt;processInput</a>	326400	30.259 s	5.803 s
<a href="#">gammod&gt;processIntInput</a>	392960	24.690 s	1.878 s



<a href="#">FiltroGaussiano</a>	4457	23.781 s	23.781 s
<a href="#">grayMappingQAM</a>	719360	22.918 s	21.813 s
<a href="#">findpeaks</a>	256	21.702 s	0.328 s
<a href="#">qammod&gt;processSymbols</a>	392960	19.444 s	2.685 s
<a href="#">qammod&gt;processInputArgs</a>	392960	17.292 s	4.307 s
<a href="#">bin2gray</a>	392960	16.759 s	4.135 s
<a href="#">gray2bin</a>	326400	13.706 s	3.412 s
<a href="#">findpeaks&gt;getAllPeaks</a>	256	13.682 s	0.702 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	256	12.979 s	12.979 s
<a href="#">qamdemod&gt;processInputArgs</a>	326400	12.338 s	3.236 s
<a href="#">squareqamconst</a>	558080	11.100 s	10.198 s
<a href="#">qamdemod&gt;computeHardInt</a>	326400	10.227 s	4.448 s
<a href="#">mean</a>	21353	6.854 s	6.854 s
<a href="#">qammod&gt;validateInputArgs</a>	392960	6.500 s	2.354 s
<a href="#">qammod&gt;validateInput</a>	392960	6.484 s	5.850 s
<a href="#">Fibra_Monomodo1</a>	148	5.911 s	5.826 s
<a href="#">qamdemod&gt;validateInputArgs</a>	326400	5.276 s	1.834 s
<a href="#">fftshift</a>	4636	5.010 s	5.010 s
<a href="#">qammod&gt;validateM</a>	392960	4.147 s	4.147 s
<a href="#">qamdemod&gt;validateInput</a>	326400	3.825 s	3.189 s
<a href="#">qamdemod&gt;validateM</a>	326400	3.442 s	3.442 s
<a href="#">qammod&gt;lookupTable</a>	392960	3.368 s	3.368 s
<a href="#">isfi</a>	1765120	2.899 s	2.899 s
<a href="#">findpeaks&gt;orderPeaks</a>	256	2.893 s	2.893 s
<a href="#">genqamdemod</a>	165120	2.841 s	2.841 s
<a href="#">rectpulse</a>	2817	2.304 s	2.304 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	256	2.026 s	2.026 s



<a href="#">Import_Data_MZM</a>	1408	1.886 s	0.954 s
<a href="#">intdump</a>	2816	1.707 s	0.150 s
<a href="#">linspace</a>	1408	1.663 s	1.663 s
<a href="#">nullcopy</a>	884480	1.425 s	1.425 s
<a href="#">findpeaks&gt;combinePeaks</a>	256	1.117 s	0.042 s
<a href="#">clearvars</a>	1418	1.087 s	0.673 s
<a href="#">close</a>	1281	1.082 s	0.077 s
<a href="#">union</a>	256	1.076 s	0.014 s
<a href="#">union&gt;unionR2012a</a>	256	1.061 s	0.177 s
<a href="#">unique</a>	256	0.884 s	0.023 s
<a href="#">unique&gt;uniqueR2012a</a>	256	0.861 s	0.861 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	256	0.860 s	0.860 s
<a href="#">close&gt;safegetchildren</a>	1281	0.721 s	0.136 s
<a href="#">findpeaks&gt;parse_inputs</a>	256	0.620 s	0.560 s
<a href="#">allchild</a>	1281	0.585 s	0.353 s
<a href="#">DatumUpstreamInputData</a>	10	0.537 s	0.052 s
<a href="#">evm1</a>	1280	0.527 s	0.074 s
<a href="#">modnorm</a>	6400	0.276 s	0.163 s
<a href="#">close&gt;getEmptyHandleList</a>	1281	0.274 s	0.274 s
<a href="#">EvmCalc</a>	1280	0.251 s	0.073 s
<a href="#">clearvars&gt;createPattern</a>	1428	0.232 s	0.134 s
<a href="#">db</a>	30	0.209 s	0.209 s
<a href="#">clearvars&gt;parseArgs</a>	1418	0.181 s	0.181 s
<a href="#">num2str</a>	1520	0.164 s	0.067 s
<a href="#">Make_MZ_Input_Files_Simp</a>	11	0.158 s	0.005 s
<a href="#">Set_MZ_Input_Data_Simp</a>	45	0.153 s	0.142 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	256	0.149 s	0.149 s



<a href="#">strjoin</a>	1418	0.099 s	0.093 s
<a href="#">int2str</a>	1520	0.098 s	0.098 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	1281	0.097 s	0.030 s
<a href="#">...set(rootobj,'ShowHiddenHandles',Temp)</a>	1281	0.067 s	0.067 s
<a href="#">allchild&gt;getchildren</a>	1281	0.061 s	0.061 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	1281	0.059 s	0.059 s
<a href="#">Make_MZ_Input_Files_DP</a>	11	0.054 s	0.006 s
<a href="#">Set_MZ_Input_Data_DP</a>	11	0.048 s	0.046 s
<a href="#">validatestring</a>	768	0.045 s	0.018 s
<a href="#">pwd</a>	1452	0.026 s	0.026 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	256	0.026 s	0.026 s
<a href="#">OfdmInputData</a>	10	0.023 s	0.022 s
<a href="#">validatestring&gt;checkString</a>	768	0.017 s	0.017 s
<a href="#">PrintInfo</a>	40	0.016 s	0.016 s
<a href="#">uitools\private\allchildRootHelper</a>	1281	0.014 s	0.014 s
<a href="#">flipud</a>	1408	0.013 s	0.013 s
<a href="#">time2freq_lamb_2</a>	1	0.011 s	0.008 s
<a href="#">validatestring&gt;checkInputs</a>	768	0.011 s	0.011 s
<a href="#">target</a>	1536	0.010 s	0.010 s
<a href="#">strfun\private\strescape</a>	1418	0.005 s	0.005 s
<a href="#">close&gt;checkfigs</a>	1281	0.005 s	0.005 s
<a href="#">close&gt;request_close</a>	1281	0.005 s	0.005 s
<a href="#">MainInputData</a>	2	0.004 s	0.004 s
<a href="#">Fibra_Monomodo_Input_Data</a>	148	0.003 s	0.003 s
<a href="#">DatumReceptionInputData</a>	10	0.003 s	0.002 s
<a href="#">DatumUpstrRecInputData</a>	10	0.003 s	0.002 s
<a href="#">nextpow2</a>	43	0.003 s	0.003 s





<a href="#">findpeaks&gt;assignOutputs</a>	256	0.002 s	0.002 s
<a href="#">signal\private\chkinputdatatype</a>	512	0.002 s	0.002 s
<a href="#">MZ_Input_Data_DP</a>	20	0.002 s	0.002 s
<a href="#">MZ_Input_Data</a>	20	0.002 s	0.002 s
<a href="#">isduration</a>	768	0.001 s	0.001 s
<a href="#">isdatetime</a>	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