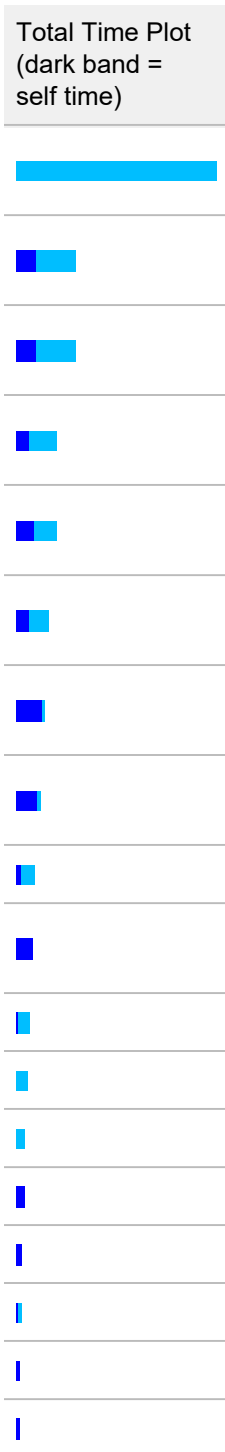


## Profile Summary

Generated 09-Sep-2018 22:54:28 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	2107.489 s	2.169 s
<a href="#">DatumUpstrRec</a>	10	631.721 s	217.853 s
<a href="#">DatumReception</a>	10	628.534 s	215.773 s
<a href="#">DatumUpstream</a>	10	423.859 s	141.218 s
<a href="#">DatumTransmission</a>	10	420.801 s	198.977 s
<a href="#">OpticalIFFTN</a>	3810	325.354 s	140.431 s
<a href="#">DelayInterfExp</a>	6350	309.155 s	281.484 s
<a href="#">DelayInterf</a>	5120	254.046 s	232.294 s
<a href="#">Olho</a>	2560	180.019 s	61.949 s
<a href="#">mean</a>	21319671	164.694 s	164.694 s
<a href="#">OpticalIFFTN</a>	2540	142.769 s	18.537 s
<a href="#">findpeaks</a>	1536	129.518 s	1.672 s
<a href="#">findpeaks&gt;getAllPeaks</a>	1536	82.125 s	4.180 s
<a href="#">findpeaks&gt;findLocalMaxima</a>	1536	77.944 s	77.944 s
<a href="#">MeasPower</a>	5120	76.857 s	71.820 s
<a href="#">std</a>	2621440	59.879 s	11.459 s
<a href="#">time2freq</a>	12770	53.708 s	45.349 s
<a href="#">var</a>	2621440	48.420 s	48.420 s



<a href="#">IqMod</a>	1280	47.473 s	47.473 s
<a href="#">DatumTransmissionInputData</a>	10	34.358 s	0.055 s
<a href="#">ProagationDelay</a>	1	33.934 s	7.006 s
<a href="#">FiltroGaussiano</a>	2749	20.814 s	20.814 s
<a href="#">findpeaks&gt;orderPeaks</a>	1536	17.102 s	17.102 s
<a href="#">SelectEachCarrier</a>	1	15.993 s	13.031 s
<a href="#">findpeaks&gt;removePeaksBelowThreshold</a>	1536	12.180 s	12.180 s
<a href="#">DqpskEncodEq</a>	1280	10.149 s	10.139 s
<a href="#">linspace</a>	15380	9.270 s	9.270 s
<a href="#">findpeaks&gt;combinePeaks</a>	1536	6.683 s	0.242 s
<a href="#">union</a>	1536	6.441 s	0.078 s
<a href="#">union&gt;unionR2012a</a>	1536	6.363 s	1.060 s
<a href="#">fftshift</a>	4208	6.189 s	6.189 s
<a href="#">Fibra_Monomodo1</a>	148	5.871 s	5.786 s
<a href="#">unique</a>	1536	5.303 s	0.122 s
<a href="#">unique&gt;uniqueR2012a</a>	1536	5.181 s	5.181 s
<a href="#">findpeaks&gt;removePeaksBelowMinPeakHeight</a>	1536	5.049 s	5.049 s
<a href="#">findpeaks&gt;parse_inputs</a>	1536	3.644 s	3.300 s
<a href="#">rectpulse</a>	2601	1.650 s	1.650 s
<a href="#">close</a>	1281	1.051 s	0.081 s
<a href="#">evm1</a>	5120	1.014 s	0.290 s
<a href="#">...aksSeparatedByMoreThanMinPeakDistance</a>	1536	0.894 s	0.894 s
<a href="#">modnorm</a>	25600	0.793 s	0.501 s
<a href="#">hist</a>	7680	0.719 s	0.632 s
<a href="#">EvmCalc</a>	5120	0.716 s	0.327 s
<a href="#">close&gt;safegetchildren</a>	1281	0.692 s	0.129 s
<a href="#">DatumUpstreamInputData</a>	10	0.569 s	0.059 s



<a href="#">allchild</a>	1281	0.563 s	0.333 s
<a href="#">clearvars</a>	10	0.373 s	0.332 s
<a href="#">close&gt;getEmptyHandleList</a>	1281	0.268 s	0.268 s
<a href="#">validatestring</a>	4608	0.260 s	0.101 s
<a href="#">db</a>	30	0.215 s	0.215 s
<a href="#">dpskmod</a>	5120	0.167 s	0.167 s
<a href="#">Make_MZ_Input_Files_Simp</a>	11	0.166 s	0.005 s
<a href="#">Set_MZ_Input_Data_Simp</a>	45	0.161 s	0.150 s
<a href="#">findpeaks&gt;keepAtMostNpPeaks</a>	1536	0.160 s	0.160 s
<a href="#">ismember</a>	3840	0.145 s	0.020 s
<a href="#">ismember&gt;ismemberR2012a</a>	3840	0.125 s	0.066 s
<a href="#">onCleanup&gt;onCleanup.delete</a>	1281	0.097 s	0.031 s
<a href="#">validatestring&gt;checkString</a>	4608	0.096 s	0.096 s
<a href="#">axescheck</a>	7680	0.087 s	0.087 s
<a href="#">...set(rootobj,'ShowHiddenHandles'.Temp)</a>	1281	0.067 s	0.067 s
<a href="#">validatestring&gt;checkInputs</a>	4608	0.063 s	0.063 s
<a href="#">allchild&gt;getchildren</a>	1281	0.060 s	0.060 s
<a href="#">ismember&gt;ismemberBuiltinTypes</a>	3840	0.060 s	0.060 s
<a href="#">onCleanup&gt;onCleanup.onCleanup</a>	1281	0.058 s	0.058 s
<a href="#">target</a>	9216	0.058 s	0.058 s
<a href="#">Make_MZ_Input_Files_DP</a>	11	0.056 s	0.006 s
<a href="#">Set_MZ_Input_Data_DP</a>	11	0.050 s	0.048 s
<a href="#">clearvars&gt;parseArgs</a>	10	0.021 s	0.021 s
<a href="#">DatumReceptionInputData</a>	10	0.020 s	0.013 s
<a href="#">clearvars&gt;createPattern</a>	20	0.020 s	0.016 s
<a href="#">DatumUpstrRecInputData</a>	10	0.020 s	0.013 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="#">num2str</a>	112	0.013 s	0.007 s
<a href="#">signal\private\chkinputdatatype</a>	3072	0.012 s	0.012 s
<a href="#">findpeaks&gt;assignOutputs</a>	1536	0.010 s	0.010 s
<a href="#">time2freq_lamb_2</a>	1	0.009 s	0.006 s
<a href="#">isduration</a>	4608	0.007 s	0.007 s
<a href="#">close&gt;checkfigs</a>	1281	0.006 s	0.006 s
<a href="#">isdatetime</a>	1536	0.006 s	0.006 s
<a href="#">int2str</a>	112	0.006 s	0.006 s
<a href="#">close&gt;request_close</a>	1281	0.005 s	0.005 s
<a href="#">strjoin</a>	10	0.005 s	0.004 s
<a href="#">MainInputData</a>	1	0.003 s	0.003 s
<a href="#">Fibra_Monomodo_Input_Data</a>	148	0.003 s	0.003 s
<a href="#">MZ_Input_Data_DP</a>	20	0.003 s	0.003 s
<a href="#">nextpow2</a>	40	0.002 s	0.002 s
<a href="#">MZ_Input_Data</a>	20	0.001 s	0.001 s
<a href="#">pwd</a>	42	0.001 s	0.001 s
<a href="#">strfun\private\strescape</a>	10	0.000 s	0.000 s

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

