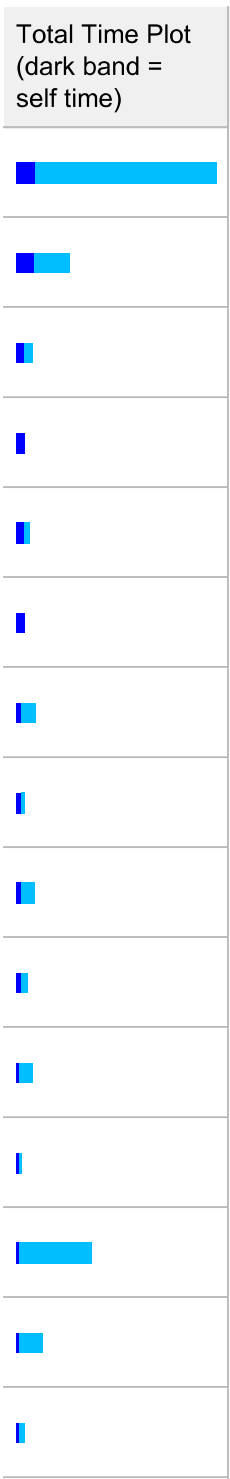


## Profile Summary

Generated 24-Jul-2014 15:11:38 using cpu time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time</a> *
<a href="#">ReceiverOFDMA</a>	1	0.764 s	0.073 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.CreatePreambles</a>	1	0.208 s	0.068 s
<a href="#">unique</a>	80	0.065 s	0.033 s
<a href="#">unique&gt;uniqueR2012a</a>	80	0.032 s	0.032 s
<a href="#">CRCDetector&gt;CRCDetector.setParameters</a>	3	0.051 s	0.030 s
<a href="#">firls</a>	1	0.031 s	0.029 s
<a href="#">intersect&gt;intersectR2012a</a>	39	0.077 s	0.025 s
<a href="#">PNSequence&gt;PNSequence.setParameters</a>	3	0.031 s	0.025 s
<a href="#">resample</a>	1	0.072 s	0.023 s
<a href="#">xcorr&gt;vectorXcorr</a>	2	0.045 s	0.023 s
<a href="#">...HYBase&gt;OFDMPHYBase.CreateDemodulators</a>	1	0.064 s	0.019 s
<a href="#">fftfilt</a>	4	0.021 s	0.017 s
<a href="#">PHYReceiver&gt;PHYReceiver.setupImpl</a>	1	0.295 s	0.016 s
<a href="#">...YBase&gt;OFDMPHYBase.locateShortPreamble</a>	1	0.098 s	0.012 s
<a href="#">...Base&gt;OFDMBase.set.PilotCarrierIndices</a>	2	0.025 s	0.012 s



<a href="#">cell.unique&gt;celluniqueR2012a</a>	45	0.012 s	0.012 s
<a href="#">CommonSets&gt;CommonSets.getSet</a>	3	0.013 s	0.012 s
<a href="#">bi2de</a>	9	0.012 s	0.012 s
<a href="#">repmat</a>	10	0.011 s	0.011 s
<a href="#">xcorr</a>	2	0.071 s	0.011 s
<a href="#">...YBase&gt;OFDMPHYBase.locateOFDMFrame_sdr</a>	1	0.179 s	0.010 s
<a href="#">RxOFDMA&gt;RxOFDMA.stepImpl</a>	1	0.080 s	0.010 s
<a href="#">cell.unique</a>	45	0.021 s	0.009 s
<a href="#">SystemProp&gt;SystemProp.setProperties</a>	11	0.071 s	0.009 s
<a href="#">intersect</a>	39	0.086 s	0.009 s
<a href="#">bin2dec</a>	22	0.008 s	0.008 s
<a href="#">StringSet&gt;StringSet.checkValues</a>	38	0.024 s	0.008 s
<a href="#">commbkCheckPolynomial</a>	3	0.016 s	0.007 s
<a href="#">PHYReceiver&gt;PHYReceiver.stepImpl</a>	1	0.298 s	0.006 s
<a href="#">ifftshift</a>	2	0.008 s	0.006 s
<a href="#">rat</a>	1	0.006 s	0.006 s
<a href="#">pvParse</a>	7	0.051 s	0.005 s

Category	Value
Category 1	1
Category 2	1
Category 3	1
Category 4	1
Category 5	2
Category 6	3
Category 7	2
Category 8	1
Category 9	2
Category 10	2
Category 11	1
Category 12	1
Category 13	1
Category 14	3
Category 15	1
Category 16	1
Category 17	2

<a href="#">RxOFDMA&gt;RxOFDMA.OFDMbits2letters</a>	2	0.018 s	0.005 s
<a href="#">...emProp&gt;SystemProp.createVersionNumber</a>	2	0.008 s	0.005 s
<a href="#">cell.ismember&gt;cellismemberR2012a</a>	3	0.005 s	0.005 s
<a href="#">shiftdim</a>	4	0.005 s	0.005 s
<a href="#">dec2bin</a>	22	0.005 s	0.005 s
<a href="#">...nce&gt;PNSequence.isInactivePropertyImpl</a>	3	0.014 s	0.005 s
<a href="#">OFDMModulator&gt;OFDMModulator.stepImpl</a>	2	0.013 s	0.005 s
<a href="#">cell.ismember</a>	3	0.009 s	0.004 s
<a href="#">xcorr&gt;parseinput</a>	2	0.008 s	0.004 s
<a href="#">OFDMDemodulator&gt;OFDMDemodulator.stepImpl</a>	3	0.006 s	0.004 s
<a href="#">SystemProp&gt;SystemProp.parseInputs</a>	7	0.060 s	0.004 s
<a href="#">...Demodulator&gt;OFDMDemodulator.setupImpl</a>	2	0.013 s	0.003 s
<a href="#">SystemProp&gt;SystemProp.set</a>	3	0.005 s	0.003 s
<a href="#">kaiser</a>	1	0.005 s	0.003 s
<a href="#">str2double</a>	3	0.003 s	0.003 s
<a href="#">OFDMBase&gt;OFDMBase.set.FFTLength</a>	4	0.003 s	0.003 s
<a href="#">AGC&gt;AGC.setupImpl</a>	1	0.003 s	0.003 s














<a href="#">StringSetGF&gt;StringSetGF.StringSetGF</a>	7	0.009 s	0.003 s
<a href="#">OFDMModulator&gt;OFDMModulator.setupImpl</a>	1	0.003 s	0.003 s
<a href="#">...&gt;OFDMBase.convert3DIndexToLinearIndex</a>	1	0.007 s	0.003 s
<a href="#">sub2ind</a>	1	0.003 s	0.003 s
<a href="#">upfirdn&gt;validateinput</a>	1	0.004 s	0.003 s
<a href="#">upfirdn</a>	1	0.007 s	0.003 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.pilotFDE</a>	1	0.075 s	0.003 s
<a href="#">PNSequence&gt;PNSequence.PNSequence</a>	1	0.020 s	0.002 s
<a href="#">AGC&gt;AGC.AGC</a>	1	0.005 s	0.002 s
<a href="#">StringSet&gt;StringSet.setValues</a>	38	0.026 s	0.002 s
<a href="#">StringSet&gt;StringSet.StringSet</a>	38	0.028 s	0.002 s
<a href="#">allowpcode</a>	28	0.002 s	0.002 s
<a href="#">Propagates&gt;Propagates.Propagates</a>	4	0.002 s	0.002 s
<a href="#">...ase&gt;OFDMBase.set.NumGuardBandCarriers</a>	4	0.002 s	0.002 s
<a href="#">OFDMBase&gt;OFDMBase.set.CyclicPrefixLength</a>	4	0.002 s	0.002 s
<a href="#">OFDMBase&gt;OFDMBase.set.NumSymbols</a>	4	0.002 s	0.002 s
<a href="#">fftshift</a>	3	0.002 s	0.002 s





<a href="#">StringSet&gt;StringSet.findMatch</a>	5	0.002 s	0.002 s
<a href="#">StringSet&gt;StringSet.getIndex</a>	12	0.002 s	0.002 s
<a href="#">commbkpnseq2</a>	3	0.004 s	0.002 s
<a href="#">commbkpnseq2&gt;checkgenpoly_pn</a>	3	0.002 s	0.002 s
<a href="#">shift2mask</a>	1	0.002 s	0.002 s
<a href="#">mean</a>	4	0.002 s	0.002 s
<a href="#">AGC&gt;AGC.stepImpl</a>	1	0.004 s	0.002 s
<a href="#">nextpow2</a>	2	0.002 s	0.002 s
<a href="#">signal\private\chkinputdatatype</a>	4	0.002 s	0.002 s
<a href="#">signal\private\firchk</a>	1	0.002 s	0.002 s
<a href="#">signal\private\check_order</a>	1	0.002 s	0.002 s
<a href="#">System&gt;System.delete</a>	7	0.002 s	0.002 s
<a href="#">System&gt;System.System</a>	7	0.003 s	0.002 s
<a href="#">...lator&gt;OFDMDemodulator.OFDMDemodulator</a>	2	0.008 s	0.002 s
<a href="#">...&gt;OFDMBase.dependentPropertyValidation</a>	3	0.003 s	0.002 s
<a href="#">CRCDetector&gt;CRCDetector.CRCDetector</a>	3	0.012 s	0.002 s
<a href="#">testOFDMA</a>	1	0.766 s	0.002 s

[illegible]

<a href="#">OFDMPHYBase&gt;OFDMPHYBase.equalizeOFDM</a>	1	0.102 s	0.001 s
<a href="#">...Modulator&gt;OFDMModulator.OFDMModulator</a>	2	0.043 s	0.001 s
<a href="#">commbkcrngen</a>	3	0.021 s	0.001 s
<a href="#">OFDMBase&gt;OFDMBase.OFDMBase</a>	4	0.004 s	0.001 s
<a href="#">commbkCheckInistates</a>	6	0.004 s	0.001 s
<a href="#">isSystemObject</a>	7	0.002 s	0.001 s
<a href="#">setProp</a>	3	0.002 s	0.001 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.OFDMPHYBase</a>	1	0.001 s	0.001 s
<a href="#">...rop&gt;SystemProp.isInactivePropertyImpl</a>	14	0.001 s	0.001 s
<a href="#">...&gt;OFDMModulator.isInactivePropertyImpl</a>	11	0.001 s	0.001 s
<a href="#">errorIf</a>	19	0.001 s	0.001 s
<a href="#">...quence&gt;PNSequence.set.SamplesPerFrame</a>	1	0.001 s	0.001 s
<a href="#">AGC&gt;AGC.set.UpdatePeriod</a>	1	0.001 s	0.001 s
<a href="#">...&gt;OFDMModulator.validatePropertiesImpl</a>	1	0.002 s	0.001 s
<a href="#">...Modulator.isInputComplexityLockedImpl</a>	1	0.001 s	0.001 s
<a href="#">CommonSets&gt;CommonSets.CommonSets</a>	1	0.001 s	0.001 s
<a href="#">SFunSystem&gt;SFunSystem.delete</a>	4	0.001 s	0.001 s



<a href="#">AGC&gt;AGC.resetImpl</a>	1	0.001 s	0.001 s
<a href="#">AGC&gt;rectifier</a>	1	0.002 s	0.001 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.freqCorrectOFDM</a>	1	0.001 s	0.001 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.preambleFDE</a>	1	0.002 s	0.001 s
<a href="#">xcorr&gt;parse_x</a>	2	0.001 s	0.001 s
<a href="#">xcorr&gt;parse_y</a>	2	0.001 s	0.001 s
<a href="#">xcorr&gt;parse_maxlag</a>	2	0.001 s	0.001 s
<a href="#">xcorr&gt;parse_scaleType</a>	2	0.001 s	0.001 s
<a href="#">flipud</a>	6	0.001 s	0.001 s
<a href="#">xcorr&gt;forceRealCorr</a>	2	0.001 s	0.001 s
<a href="#">xcorr&gt;scaleXcorr</a>	2	0.001 s	0.001 s
<a href="#">...ase&gt;OFDMPHYBase.coarseOFDMFreqEst_sdr</a>	1	0.002 s	0.001 s
<a href="#">...odulator.isOutputComplexityLockedImpl</a>	3	0.001 s	0.001 s
<a href="#">intmax</a>	1	0.001 s	0.001 s
<a href="#">...&gt;OFDMPHYBase.demodOFDMSubcarriers_sdr</a>	1	0.001 s	0.001 s
<a href="#">...RCDetector.setPortDataTypeConnections</a>	1	0.001 s	0.001 s
<a href="#">System&gt;System.System</a>	7	0 s	0.000 s



<a href="#">SFunSystem&gt;SFunSystem.SFunSystem</a>	4	0 s	0.000 s
<a href="#">SystemProp&gt;SystemProp.SystemProp</a>	11	0 s	0.000 s
<a href="#">NodeData&gt;NodeData.NodeData</a>	11	0 s	0.000 s
<a href="#">RxOFDMA&gt;RxOFDMA.RxOFDMA</a>	1	0.003 s	0.000 s
<a href="#">PHYReceiver&gt;PHYReceiver.PHYReceiver</a>	1	0.001 s	0.000 s
<a href="#">target</a>	19	0 s	0.000 s
<a href="#">iscellstr</a>	122	0 s	0.000 s
<a href="#">...FDMDemodulator.validatePropertiesImpl</a>	2	0.002 s	0.000 s
<a href="#">...ulator&gt;OFDMModulator.getNumInputsImpl</a>	1	0 s	0.000 s
<a href="#">...r&gt;OFDMModulator.isInputSizeLockedImpl</a>	1	0 s	0.000 s
<a href="#">...ator&gt;OFDMModulator.validateInputsImpl</a>	1	0 s	0.000 s
<a href="#">...odulator.isOutputComplexityLockedImpl</a>	1	0 s	0.000 s
<a href="#">Nondirect&gt;Nondirect.Nondirect</a>	4	0 s	0.000 s
<a href="#">sh2mkormk2sh</a> (MEX-file)	1	0 s	0.000 s
<a href="#">RxOFDMA&gt;RxOFDMA.setupImpl</a>	1	0.002 s	0.000 s
<a href="#">AGC&gt;AGC.validateInputsImpl</a>	1	0 s	0.000 s
<a href="#">angle</a>	1	0 s	0.000 s





<a href="#">...tor&gt;OFDMDemodulator.getNumOutputsImpl</a>	2	0 s	0.000 s
<a href="#">...OFDMDemodulator.isInputSizeLockedImpl</a>	2	0 s	0.000 s
<a href="#">...modulator.isInputComplexityLockedImpl</a>	2	0 s	0.000 s
<a href="#">...or&gt;OFDMDemodulator.validateInputsImpl</a>	2	0 s	0.000 s
<a href="#">sinc</a>	4	0 s	0.000 s
<a href="#">signal\private\upfirdnmex</a> (MEX-file)	1	0 s	0.000 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.


ctions. Self