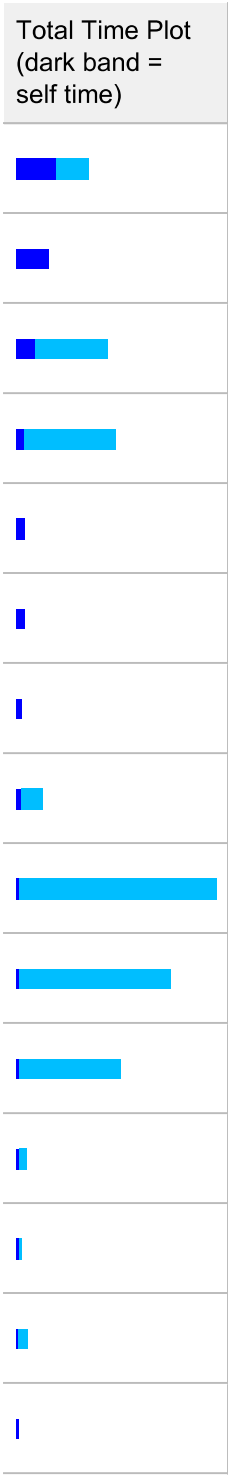


## Profile Summary

Generated 24-Jul-2014 15:26:19 using cpu time.

<a href="#">Function Name</a>	<a href="#">Calls</a>	<a href="#">Total Time</a>	<a href="#">Self Time</a> *
<a href="#">unique</a>	7802	1.413 s	0.785 s
<a href="#">unique&gt;uniqueR2012a</a>	7802	0.628 s	0.628 s
<a href="#">intersect&gt;intersectR2012a</a>	3900	1.779 s	0.380 s
<a href="#">intersect</a>	3900	1.953 s	0.174 s
<a href="#">fftfilt</a>	400	0.181 s	0.171 s
<a href="#">bin2dec</a>	2200	0.175 s	0.164 s
<a href="#">dec2bin</a>	2200	0.136 s	0.136 s
<a href="#">RxOFDMA&gt;RxOFDMA.stepImpl</a>	100	0.492 s	0.106 s
<a href="#">ReceiverOFDMA</a>	1	3.896 s	0.091 s
<a href="#">PHYReceiver&gt;PHYReceiver.stepImpl</a>	100	3.020 s	0.088 s
<a href="#">...YBase&gt;OFDMPHYBase.locateShortPreamble</a>	100	2.040 s	0.086 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.CreatePreambles</a>	1	0.200 s	0.065 s
<a href="#">OFDMDemodulator&gt;OFDMDemodulator.stepImpl</a>	300	0.092 s	0.061 s
<a href="#">xcorr&gt;vectorXcorr</a>	200	0.240 s	0.055 s
<a href="#">firls</a>	100	0.072 s	0.055 s



<a href="#">OFDMPHYBase&gt;OFDMPHYBase.equalizeOFDM</a>	100	0.391 s	0.054 s
<a href="#">resample</a>	100	0.200 s	0.046 s
<a href="#">AGC&gt;AGC.stepImpl</a>	100	0.061 s	0.039 s
<a href="#">xcorr</a>	200	0.360 s	0.039 s
<a href="#">...YBase&gt;OFDMPHYBase.locateOFDMFrame_sdr</a>	100	2.438 s	0.038 s
<a href="#">RxOFDMA&gt;RxOFDMA.OFDMbits2letters</a>	200	0.347 s	0.036 s
<a href="#">kaiser</a>	100	0.038 s	0.033 s
<a href="#">repmat</a>	406	0.027 s	0.027 s
<a href="#">PNSequence&gt;PNSequence.setParameters</a>	3	0.030 s	0.025 s
<a href="#">shiftdim</a>	400	0.025 s	0.025 s
<a href="#">xcorr&gt;parseinput</a>	200	0.042 s	0.021 s
<a href="#">CRCDetector&gt;CRCDetector.setParameters</a>	3	0.038 s	0.021 s
<a href="#">rat</a>	100	0.020 s	0.020 s
<a href="#">mean</a>	400	0.019 s	0.019 s
<a href="#">fftshift</a>	300	0.031 s	0.018 s
<a href="#">...HYBase&gt;OFDMPHYBase.CreateDemodulators</a>	1	0.059 s	0.017 s
<a href="#">...ase&gt;OFDMPHYBase.coarseOFDMFreqEst_sdr</a>	100	0.036 s	0.016 s

















<a href="#">OFDMPHYBase&gt;OFDMPHYBase.freqCorrectOFDM</a>	100	0.019 s	0.016 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.preambleFDE</a>	100	0.020 s	0.014 s
<a href="#">PHYReceiver&gt;PHYReceiver.setupImpl</a>	1	0.279 s	0.013 s
<a href="#">iscellstr</a>	2300	0.013 s	0.013 s
<a href="#">SystemProp&gt;SystemProp.setProperties</a>	11	0.067 s	0.012 s
<a href="#">AGC&gt;rectifier</a>	100	0.022 s	0.012 s
<a href="#">xcorr&gt;parse_scaleType</a>	200	0.012 s	0.012 s
<a href="#">xcorr&gt;scaleXcorr</a>	200	0.012 s	0.012 s
<a href="#">signal\private\firchk</a>	100	0.011 s	0.011 s
<a href="#">...Base&gt;OFDMBase.set.PilotCarrierIndices</a>	2	0.024 s	0.010 s
<a href="#">upfirdn&gt;validateinput</a>	100	0.012 s	0.010 s
<a href="#">bi2de</a>	9	0.010 s	0.010 s
<a href="#">StringSet&gt;StringSet.checkValues</a>	38	0.027 s	0.010 s
<a href="#">CommonSets&gt;CommonSets.getSet</a>	3	0.009 s	0.009 s
<a href="#">cell.unique</a>	45	0.016 s	0.008 s
<a href="#">cell.unique&gt;celluniqueR2012a</a>	45	0.008 s	0.008 s
<a href="#">upfirdn</a>	100	0.024 s	0.008 s



<a href="#">ifftshift</a>	2	0.009 s	0.007 s
<a href="#">signal\private\chkinputdatatype</a>	400	0.007 s	0.007 s
<a href="#">sinc</a>	400	0.006 s	0.006 s
<a href="#">pvParse</a>	7	0.050 s	0.005 s
<a href="#">cell.ismember</a>	3	0.009 s	0.005 s
<a href="#">signal\private\check_order</a>	100	0.005 s	0.005 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.pilotFDE</a>	100	0.205 s	0.005 s
<a href="#">...nce&gt;PNSequence.isInactivePropertyImpl</a>	3	0.014 s	0.005 s
<a href="#">...Demodulator&gt;OFDMDemodulator.setupImpl</a>	2	0.013 s	0.004 s
<a href="#">StringSetGF&gt;StringSetGF.StringSetGF</a>	7	0.008 s	0.004 s
<a href="#">cell.ismember&gt;cellismemberR2012a</a>	3	0.004 s	0.004 s
<a href="#">xcorr&gt;parse_y</a>	200	0.004 s	0.004 s
<a href="#">flipud</a>	600	0.004 s	0.004 s
<a href="#">signal\private\upfirdnmex</a> (MEX-file)	100	0.004 s	0.004 s
<a href="#">...emProp&gt;SystemProp.createVersionNumber</a>	2	0.007 s	0.004 s
<a href="#">OFDMModulator&gt;OFDMModulator.stepImpl</a>	2	0.013 s	0.004 s
<a href="#">StringSet&gt;StringSet.setValues</a>	38	0.030 s	0.003 s





<a href="#">commbldkrcgen</a>	3	0.017 s	0.003 s
<a href="#">...lator&gt;OFDMDemodulator.OFDMDemodulator</a>	2	0.008 s	0.003 s
<a href="#">str2double</a>	3	0.003 s	0.003 s
<a href="#">SystemProp&gt;SystemProp.set</a>	3	0.003 s	0.003 s
<a href="#">shift2mask</a>	1	0.003 s	0.003 s
<a href="#">xcorr&gt;parse_maxlag</a>	200	0.003 s	0.003 s
<a href="#">nextpow2</a>	200	0.003 s	0.003 s
<a href="#">sub2ind</a>	1	0.003 s	0.003 s
<a href="#">...&gt;OFDMPHYBase.demodOFDMSubcarriers_sdr</a>	100	0.003 s	0.003 s
<a href="#">StringSet&gt;StringSet.StringSet</a>	38	0.033 s	0.003 s
<a href="#">commbldkCheckPolynomial</a>	3	0.011 s	0.003 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="#">...&gt;OFDMBase.dependentPropertyValidation</a>	3	0.002 s	0.002 s
<a href="#">AGC&gt;AGC.setupImpl</a>	1	0.002 s	0.002 s
<a href="#">OFDMBase&gt;OFDMBase.set.NumSymbols</a>	4	0.002 s	0.002 s
<a href="#">OFDMModulator&gt;OFDMModulator.setupImpl</a>	1	0.002 s	0.002 s



<a href="#">StringSet&gt;StringSet.findMatch</a>	5	0.002 s	0.002 s
<a href="#">commbldkpseq2</a>	3	0.004 s	0.002 s
<a href="#">commbldkpseq2&gt;checkgenpoly__pn</a>	3	0.002 s	0.002 s
<a href="#">xcorr&gt;parse_x</a>	200	0.002 s	0.002 s
<a href="#">xcorr&gt;forceRealCorr</a>	200	0.002 s	0.002 s
<a href="#">intmax</a>	100	0.002 s	0.002 s
<a href="#">OFDMBase&gt;OFDMBase.set.FFTLength</a>	4	0.003 s	0.002 s
<a href="#">SystemProp&gt;SystemProp.parseInputs</a>	7	0.055 s	0.002 s
<a href="#">System&gt;System.System</a>	7	0.005 s	0.002 s
<a href="#">testOFDMA</a>	1	3.897 s	0.001 s
<a href="#">...Modulator&gt;OFDMModulator.OFDMModulator</a>	2	0.042 s	0.001 s
<a href="#">CRCDetector&gt;CRCDetector.CRCDetector</a>	3	0.009 s	0.001 s
<a href="#">System&gt;System.System</a>	7	0.002 s	0.001 s
<a href="#">SFunSystem&gt;SFunSystem.SFunSystem</a>	4	0.002 s	0.001 s
<a href="#">NodeData&gt;NodeData.NodeData</a>	11	0.001 s	0.001 s
<a href="#">allowpcode</a>	28	0.001 s	0.001 s
<a href="#">...rop&gt;SystemProp.isInactivePropertyImpl</a>	14	0.001 s	0.001 s

[illegible]

<a href="#">PHYReceiver&gt;PHYReceiver.PHYReceiver</a>	1	0.001 s	0.001 s
<a href="#">Propagates&gt;Propagates.Propagates</a>	4	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="#">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="#">...r&gt;OFDMModulator.isInputSizeLockedImpl</a>	1	0.001 s	0.001 s
<a href="#">Nondirect&gt;Nondirect.Nondirect</a>	4	0.001 s	0.001 s
<a href="#">StringSet&gt;StringSet.getIndex</a>	12	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="#">angle</a>	100	0.001 s	0.001 s
<a href="#">...or&gt;OFDMDemodulator.validateInputsImpl</a>	2	0.001 s	0.001 s
<a href="#">...RCDetector.setPortDataTypeConnections</a>	1	0.001 s	0.001 s
<a href="#">commbkCheckInistates</a>	6	0.003 s	0.001 s
<a href="#">AGC&gt;AGC.AGC</a>	1	0.005 s	0.001 s
<a href="#">...&gt;OFDMBase.convert3DIndexToLinearIndex</a>	1	0.007 s	0.001 s



<a href="#">PNSequence&gt;PNSequence.PNSequence</a>	1	0.019 s	0.001 s
<a href="#">SystemProp&gt;SystemProp.SystemProp</a>	11	0 s	0.000 s
<a href="#">isSystemObject</a>	7	0 s	0.000 s
<a href="#">setProp</a>	3	0 s	0.000 s
<a href="#">RxOFDMA&gt;RxOFDMA.RxOFDMA</a>	1	0.003 s	0.000 s
<a href="#">OFDMPHYBase&gt;OFDMPHYBase.OFDMPHYBase</a>	1	0 s	0.000 s
<a href="#">OFDMBase&gt;OFDMBase.OFDMBase</a>	4	0.004 s	0.000 s
<a href="#">target</a>	19	0 s	0.000 s
<a href="#">...quence&gt;PNSequence.set.SamplesPerFrame</a>	1	0 s	0.000 s
<a href="#">...FMDemodulator.validatePropertiesImpl</a>	2	0.001 s	0.000 s
<a href="#">...ulator&gt;OFDMModulator.getNumInputsImpl</a>	1	0 s	0.000 s
<a href="#">...Modulator.isInputComplexityLockedImpl</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="#">CommonSets&gt;CommonSets.CommonSets</a>	1	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	0.001 s	0.000 s





<a href="#">AGC&gt;AGC.validateInputsImpl</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="#">...odulator.isOutputComplexityLockedImpl</a>	3	0 s	0.000 s
<a href="#">System&gt;System.delete</a>	7	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