



## The Agilent Automated X-ray Inspection System Medalist 5DX 8.4 Software Known Issues List

Agilent Technologies, Inc. continues to release new features while trying to address known issues. Unfortunately, not all issues are addressed for each release and sometimes new issues are found. The following is a list of known issues which we are currently working from to address in both minor releases such as 8.4 and in the web patches as 8.4.1. If you are experiencing one of these issues or are experiencing an issue which is not listed in this table, please contact your local support representative. They will be able to follow-up with either the specific CR number or work with you to submit a new CR (change request). For a complete list of customer contact points visit [www.agilent.com/see/contactus](http://www.agilent.com/see/contactus).

CR Number	Description
CR27823	Alignment will intermittently pass a bad alignment point
CR27554	5DX Rev8.4 generates temp files which are placed in the temp directory. These files are never removed and can grow in excess of over 1000 files.
CR26672	The load panel program menu now allows up to 2000 panels to be viewable, unfortunately the compiler selection still only shows 500 panels max.
CR24247	Intermittently, when reviewing subtypes with a large set of data (40,000 joints or more), review measurements will generate an insufficient memory error when opening the RES file.
CR26307	The 5DX software will intermittently reload a previous program during align & map
CR24186	Testlink: changing the family of a part resets all test status When in Test Link, and a package types assigned family is changed (for example gullwing to QFN) all of the test statuses and subtyping is reset and a user must go back make all of those changes again.
CR22860	The flipped panel settings for a panel are removed when the board is split in Test Link.
CR23331	The file CompTbl.tmp which is generated by a compile is mistakenly identified as being a virus by McAfee
CR23335	During panel recovery, there is a 20 to 30 sec delay between when the system is shutting down x-rays and the system telling the user to open the topside access. During this time, the UI accepts commands from the user which puts the system into an unknown state which causes further system downtime.
CR25013	5DX_GALIL_2 error during automatic startup (8.40 release) During automatic startup, a GALIL_2 or a GALIL_1 error will occur. Startup will automatically restart the galil drivers, but the error is false and should not occur unless there is a real galil driver problem.
CR25149	The validSerialNumber.config file no longer functions correctly.
CR25150	When closing Test Link with "X" button, Test Link.exe process does not close, leaving the system in an apparent hung state.
CR26376	Assert: SurfaceMapRtfReader. findSurfaceMapPoin
CR26377	Assert: HardwareUtil. legacyActivateJavaGui (HardwareUtil.java:126)
CR26378	Assert: StringInputDialog. showDialog (StringInputDialog.java:67)
CR26379	Assert: FieldOfView. getFieldOfView (FieldOfView.java:281)
CR22836	Cannot use Alpha-numeric pins for auto-board thickness
CR24098	If you load a different panel program into the production test interface then what is currently loaded in the main UI, then the 2 interfaces will show 2 different program names.
CR25410	In Test Link under subtype setup, searching for ref designators that start with a "D", generate an error.
CR25412	TestLink - Compiler Fatal Error - Subtype -1

CR Number	Description
CR26365	Assert: Board. getComponent (Board.java:531)
CR26366	Assert: SurfaceMapPoint.getTopSideMeasuredZHeightNanoMeters #1
CR26367	Assert: SurfaceMapPoint. getBottomSideMeasuredZHeightNanoMeters #2
CR26368	Assert: ViewListRtfReader. populateClasses (ViewListRtfReader.java:445)
CR26370	Assert: XrayScanController. selectFieldOfView (XrayScanController.java:266)
CR26371	Assert: ViewListRtfReader. populateClasses (ViewListRtfReader.java:417)
CR26372	Assert: TestExecPanel. serialNumberListSelectionChanged
CR26373	Assert: TestExecPanel. serialNumberListSelectionChanged
CR26374	Assert: AlgorithmFamilyLibrary. getCustomAlgorithmFamily
CR26380	Assert: WToolkit. eventLoop (Native Method)
CR26381	Assert: AlgoTunerGUI\$66. run (AlgoTunerGUI.java:2179)
CR26382	Assert: AlignmentAlgorithmInputs. setMachineCoordinateForViewInNanometers
CR26383	Assert: SurfaceMap. addAlignViewLaserPointsToCommandList (SurfaceMap.java:316)
CR26384	Assert: AlignmentAlgorithmInputs. setAlignmentJointList
CR26385	Assert: GenericThreshold. getLegacyValue (GenericThreshold.java:703)
CR26386	Assert: TestExecution. boardInspectionEnd (TestExecution.java:748)
CR26387	Assert: PanelProgram. getCoordinateConverter (PanelProgram.java:389)
CR26388	Assert: Hashtable\$Enumerator. next (Hashtable.java:976)
CR26389	Assert: RemoteServer. setGammaGUIVisible (RemoteServer.java:660)
CR26390	Assert: StringUtil. convertMilliSecondsToElapsedTime (StringUtil.java:629)
CR26391	Assert: TestExecution. boardInspectionBegin (TestExecution.java:544)
CR26392	Assert: AlignmentAlgorithmInputs. setZHeightInNanometers
CR26393	Assert: GenericThresholdsReader. parseGenericThresholdDescription
CR26394	Assert: GenericThresholdsReader. parseGenericThreshold
CR26395	Assert: AlgorithmFamilyLibrary. getLegacyDefaultThreshold
CR26396	Assert: ViewListRtfReader. populateClasses (ViewListRtfReader.java:412)
CR26397	Assert: TestExecution. testPanel (TestExecution.java:982)
CR26398	Assert: ServerGUI. (ServerGUI.java:73)
CR26399	Assert: TestExecPanel. getLastChosenProject (TestExecPanel.java:994)
CR26400	Assert: Pin. getLegacySortedJointNumber (Pin.java:301)
CR26401	Assert: TestExecution. boardInspectionBegin (TestExecution.java:545)