

XA8723A-01

Modification Recommended Service Note

Supersedes:
NONE

XA8723A IoT Wireless Test Solution Measurement Suite

Serial Numbers: ALL
Manufacturing ID Number: None

The Problem – Inconclusive Pass measurement results obtained when configuring a test plan combining Active Scan and Connect Request.

Parts Required:

P/N Description Qty.

N/A

ADMINISTRATIVE INFORMATION

ACTION	<input type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input checked="" type="checkbox"/> AGREEABLE TIME	LABOR:	0.5 Hours		
LOCATION	<input checked="" type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input type="checkbox"/> SERVICE CENTER		<input checked="" type="checkbox"/> SEE TEXT		<input checked="" type="checkbox"/> SEE TEXT
	<input type="checkbox"/> CHANNEL PARTNERS				
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	March 01, 2023		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	GM		
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	LO		

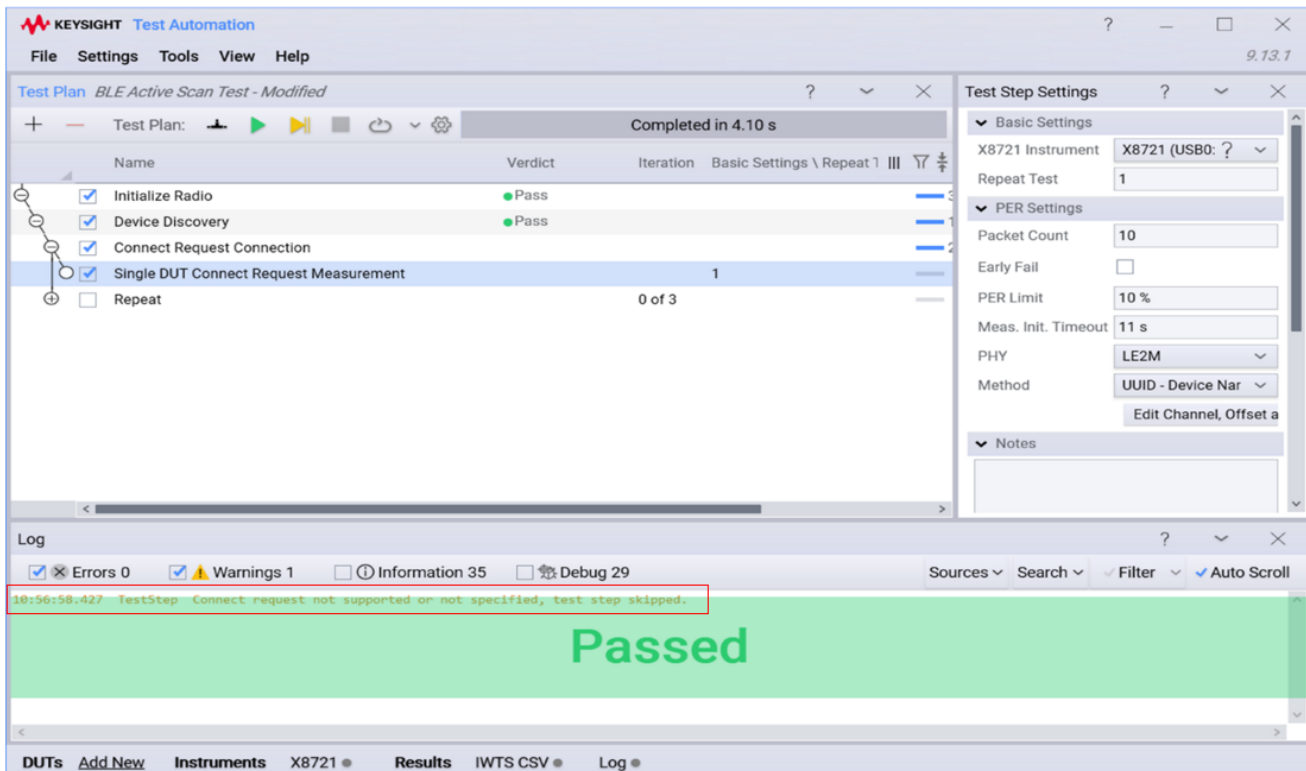
ADDITIONAL INFORMATION:

The XA8723A IoT Signaling Measurement Suite is a plug-in that runs on Keysight KS8400A PathWave Test Automation Platform (TAP) to support the IOT8720A and IOT8740A solutions.

Situation:

This service note covers all the XA8723A IoT Signaling Measurement Suite versions of 1.0.20 and earlier.

The situation will occur when user configures a test plan which combines Active Scan and Connect Request. This would result in the later Connect Request step being skipped due to invalid pre-condition. A message regarding the mismatch will be indicated as [Connect request not supported or not specified, test step skipped]. However, the csv file will be labelled as Pass as the [Initialize Radio] and [Device Discovery] steps passed the test plan, and this may cause confusion to the user.



Solution/Action:

Keysight to release a new software version to flag the overall verdict as “Inconclusive” if any of the measurement steps are skipped.

Users are recommended to update the XA8723A Measurement Suite software to version 1.1.23 and above which can be obtained from Keysight.com website using the link below:

<https://www.keysight.com/my/en/lib/software-detail/computer-software/xa8722a-iot-soft-front-panel-and-xa8723a-iot-signaling-measureme.html>

NOTES:

1. The XA8723A Measurement Suite version 1.1.23 requires an upgrade on the X8721A firmware

to version 0.1.0.111. This can be found in the link below:

<https://www.keysight.com/my/en/lib/software-detail/computer-software/x8721a-firmware-for-iot8720a-and-iot8740a.html>

2. To upgrade the X8721A firmware, follow the steps below:
http://pathwave.doc.keysight.com/XA8722A/Content/loT_Soft_Front_Panel/HTML/Perform_Firmware_Upgrade.htm
3. The X8721A firmware version 0.1.0.111 is ONLY compatible with:
 - i) XA8722A Soft Front Panel version 1.1.15 and above
 - ii) XA8723A Measurement Suite version 1.1.23 and above
4. The software and firmware versions mentioned above has no backward compatibility to the older versions of their respective software and firmware releases.

Revision History:

Date	Service Note Revision	Author	Reason for Change
15 Feb 2022	01	LayLim Ong	As Published