

MODIFICATION RECOMMENDED

N4010A-14

S E R V I C E N O T E

Supersedes:
NONE

N4010A Wireless Connectivity Test Set

Serial Numbers: MY49080779 / MY49080927

[Note 1: Not all instruments in this range are affected. Refer to **Table 1.**]

[Note 2: Additional instruments outside of this range are listed in **Table 2.**]

RF Switch Reliability Issue

Parts Required:

P/N	Description	Qty.
N4010-61859	RF Switch Kit	1

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS	LABOR: 1.5 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input type="checkbox"/> ON-SITE <input checked="" type="checkbox"/> SERVICE CENTER <input type="checkbox"/> CHANNEL PARTNER	SERVICE INVENTORY: <input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input checked="" type="checkbox"/> SEE TEXT	USED PARTS: <input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 31-Dec-2014	
AUTHOR:	AT	PRODUCT LINE: PL13	
ADDITIONAL INFORMATION: 1. All affected service inventory has been recalled & replaced/repared prior to publication of this Service Note			

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Situation:

The instruments identified in Tables 1 and 2 of this Service Note (see page 3) have been manufactured or upgraded using RF Switches that may have a manufacturing defect. This defect may shorten the life of the RF Switch.

Solution/Action:

If an instrument identified on page 3 of this Service Note is returned for repair, and this Service Note has not yet been applied, then check the serial number of the RF Switch.

If the serial number of the RF Switch is in the range of **MY07245743 - MY07245962** (inclusive), then it is at risk of failing and must be replaced.

A permanent marker must be used to identify the newly installed part as follows:

N4010A-14
<Repair Date>

The N4010A must be fully adjusted and verified after the RF Switch has been replaced.

Note:

The RF Switch does not need to be replaced if the instrument has been returned for calibration-only.

If an instrument is found to have a faulty RF Switch and the above markings are already present, then this Service Note will not be applied for a second time. Ensure the existing markings are transferred to the replacement part.

This ensures the Service Note is only applied once to any given instrument.

Affected Instruments In The Serial Number Range MY49080779 / MY49080927

The serial number range on the front page of this Service Note refers to instruments that were newly shipped, but only a subset of these were actually affected by this defect. The instruments listed in Table 1 may be affected:

MY49080779	MY49080823	MY49080849	MY49080882
MY49080787	MY49080824	MY49080850	MY49080883
MY49080796	MY49080825	MY49080851	MY49080884
MY49080797	MY49080826	MY49080852	MY49080885
MY49080798	MY49080827	MY49080853	MY49080886
MY49080799	MY49080828	MY49080854	MY49080887
MY49080800	MY49080829	MY49080855	MY49080888
MY49080801	MY49080830	MY49080856	MY49080889
MY49080802	MY49080831	MY49080858	MY49080890
MY49080803	MY49080832	MY49080861	MY49080891
MY49080804	MY49080834	MY49080862	MY49080892
MY49080805	MY49080835	MY49080864	MY49080895
MY49080806	MY49080837	MY49080866	MY49080896
MY49080808	MY49080838	MY49080867	MY49080897
MY49080809	MY49080839	MY49080871	MY49080898
MY49080810	MY49080840	MY49080873	MY49080899
MY49080811	MY49080841	MY49080874	MY49080900
MY49080812	MY49080842	MY49080875	MY49080906
MY49080818	MY49080843	MY49080876	MY49080908
MY49080819	MY49080845	MY49080877	MY49080910
MY49080820	MY49080846	MY49080878	MY49080921
MY49080821	MY49080847	MY49080879	MY49080927
MY49080822	MY49080848	MY49080880	

Table 1

Additional Instruments Covered By This Service Note

This defect also affects RF Switches that were provided to Agilent's service organization – the instruments listed in Table 2 are at-risk of having been upgraded using defective material.

GB45140337	GB45400341	MY47070231	MY47070302
GB45280136	MY46320440	MY47070236	MY49080233

Table 2