E6640A-01

Modification Recommended Service Note

Supersedes:
None

E6640A EXM Wireless test set

Serial Numbers: All Units

The Problem –E6640A units using V9077B/Y9077B WLAN measurement application.
Using EXM to make SEM measurement for 80MHz WLAN signal with 240MHz span, because EXM has no image protection, the DUT 1812GHz spur and 5GHz spur get mixed into the SEM span range and cause high SEM failure rate for customer DUT.

Parts Required:
None

ADMINISTRATIVE INFORMATION

ACTION CATEGORY:	X- ON SPECIFIED FAILURE [[]] AGREEABLE TIME	STANDARDS LABOR: 0.5 Hours			
LOCATION CATEGORY:	X - CUSTOMER INSTALLABLE [[]] ON-SITE (active On-site contract required) X- SERVICE CENTER [[]] CHANNEL PARTNERS	SERVICE INVENTORY:	[[]] RETURN [[]] SCRAP [[]] SEE TEXT	USED PARTS:	[[]] RETURN [[]] SCRAP [[]] SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL: 31 March 2019			
	[[]] Calibration Required X - Calibration NOT Required	PRODUCT LINE: PL13 AUTHOR: MW			

ADDITIONAL INFORMATION:

Situation:
E6640A units using V9077B/Y9077B WLAN measurement application
Using EXM to make SEM measurement for 80MHz WLAN signal with 240MHz span, because EXM has no image protection, the DUT 1812GHz spur and 5GHz spur get mixed into the SEM span range and cause high SEM failure rate for customer DUT.

Increase the measurement Bandwidth of the EXM TRX module eliminates the Spurs.

Solution/Action:
License key upgrade for B85 to B1X (160 MHz analysis bandwidth)
Units with M9432A TRX module get E6640AW-BU5 Upgrade from 80 to 160 MHz on 2FD TRX
Units with M9433A TRX module get E6640AT-BU5 Upgrade from 80 to 160 MHz on 2FD TRX

Revision History:

Date	Service Note Revision	Author	Reason for Change
13 February 2018	01	Michael Woichik	As Published