

MODIFICATION RECOMMENDED

N5183A-03A

S E R V I C E N O T E

Supersedes: N5183A-03

N5183A MXG Microwave Analog Signal Generator

Serial Numbers:

MY47420064	MY47420131	MY47420191	MY47420242	MY47420344
MY47420100	MY47420150	MY47420198	MY47420243	SG47420006
MY47420101	MY47420152	MY47420199	MY47420244	
MY47420104	MY47420154	MY47420204	MY47420248	
MY47420119	MY47420156	MY47420205	MY47420250	
MY47420121	MY47420160	MY47420207	MY47420258	
MY47420122	MY47420161	MY47420210	MY47420260	
MY47420124	MY47420169	MY47420213	MY47420271	
MY47420127	MY47420171	MY47420215	MY47420278	
MY47420128	MY47420177	MY47420216	MY47420279	
MY47420130	MY47420190	MY47420239	MY47420305	

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	x ON SPECIFIED FAILURE [] AGREEABLE TIME	STANDARDS	LABOR: 1.0 Hours
LOCATION CATEGORY:	x CUSTOMER INSTALLABLE [] ON-SITE x SERVICE CENTER [] CHANNEL PARTNER	SERVICE [] RETURN INVENTORY: [] SCRAP x SEE TEXT	USED PARTS: [] RETURN [] SCRAP x SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE		
		NO CHARGE AVAILABLE UNTIL: Oct. 1, 2010	
AUTHOR: DMc		PRODUCT LINE: 15	
ADDITIONAL INFORMATION:			

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Rev. 15



N5183A option 532 and 540 without option 1EA may fail maximum power between 100 KHz and 250 KHz.**Parts Required:**

P/N	Description	Qty.
None		

Situation:

The N5183A serial numbers listed above shipped with standard power (non-1EA) may fail maximum power between 100 KHz and 250 KHz. The data sheet shows N5183A options 532 and 540 standard maximum output power at +11dBm for frequencies between 100 KHz and 250 KHz. The problem is the power is the power is clamped to +10dBm between 100 KHz and 250 KHz in this instruments. An indication of the problem is that when power is set above +10dBm an unleveled message will be displayed and the measured power flat at +10dBm. Also, instruments with this problem will fail "Maximum Output Power" performance tests.

There is no inventory or parts associated with the service note.

Solution/Action:

Using a power meter or spectrum analyzer, check to see if +11dBm output power is available between 100 KHz and 250 KHz without displaying an error message or being clamped at +10dBm. If an "unleveled" message is displayed or the output power is clamped at +10dBm the problem will be resolved by installing option 1EA at no charge to the customer.

To request option 1EA send an email message with the following information:

Email node: SUPPORT,SOURCES (A-Sonoma,exgen1)

Subject: "N5183A SN N5183A-03"

Include the following:

Text: Requesting a 1EA entitlement certificate to resolve clamped power between 100 KHz and 250 KHz as described in service note N5183A-03.

Model number:

Serial number:

An option N5183AK-1EA license entitlement certificate will be emailed to the requestor. Once received the certificate will need to be redeemed and the license key installed in the instrument. Instructions for redeeming the entitlement certificate are provided with the entitlement certificate and instructions for installing the license key are provided with the license key.