

Modification Recommended Service Note

Supersedes:
NONE

N9912C FieldFox Handheld RF Analyzer, up to 10 GHz

Serial Numbers: See **Serial Numbers** below.

The Problem – The Fieldfox unit might fail Displayed Average Noise Level (DANL) test.

Parts Required:

P/N	Description	Qty.
NONE		

ADMINISTRATIVE INFORMATION

ACTION	☐ ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	X AGREEABLE TIME	LABOR:	1.0 Hours
LOCATION	☐ CUSTOMER INSTALLABLE (No Parts involved)	SERVICE:	☐ RETURN
	X SERVICE CENTER / FACTORY	INVENTORY:	☐ SCRAP
CATEGORY:	☐ ON-SITE (<i>active On-site contract required</i>)		☐ SEE TEXT
	☐ CHANNEL PARTNERS		☐ SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	1 DEC 2026
	X Calibration Required	PRODUCT LINE:	WN
	☐ Calibration NOT Required	AUTHOR:	JY

ADDITIONAL INFORMATION:

Situation:

Unit with specific RF board serial number might fail Displayed Average Noise Level (DANL) test.

Solution/Action:

To check the RF Board Serial Number, follow these steps:

- i. Press the System Button (7)
- ii. Press the Soft Key Service Diagnostics
- iii. Press the Soft Key System Information
- iv. Find the RF Serial Number

Press [Done] to exit.	
Setting	Value
Model Number	N9915C
Serial Number	US63140036
Firmware Release	A.13.10
Firmware Build	2024-05-13,17:34 GMT
Network Identity	K-N9915C-40036 , 10.82.98.76
FPGA Rev	IOGA=5.147,RFGA=9.04,MeasDriver=C.05.09.04
SBM Boot Rev	2.07 2020-08-17
SBM Main Rev	4.07 2021-11-30
BIOS Rev	CPU=2,FS=A.02.06.00,PL=C.05.09.04,EB=A.02.04.04,BM=SD0:3
RF Serial Number	2320-00017
RF Part Number	N9935-63001
RF Identity	ID=0x0501,HW=003,OF=C,OP=0x0000,XT=0x0000,NM=2 Port
SB Serial Number	2322-00022
SB Part Number	N9935-63002
SB Identity	ID=0x0420,HW=002,OF=B,OP=0x0000,XT=0x0000,NM=System
FP FW Rev	4:4
FP Serial Number	0
FP Part Number	N9912-63003
Edit	Next Page
Previous Page	Add Data
	Done

Check if the RF Board Serial Number match the list below:

Unit Serial Number	RF Serial Number
US63300105	233500030
US63300108	233500058
US63300110	233500039
US63300111	232700033
US63300114	233500049
US63300115	232700045
US63300116	233500019
US63300121	232700028
US63300122	232700024
US63300123	232700043
US63300124	233500053
US63300125	232700035
US63300126	232700036
US63300127	233500052
US63300128	232700026
US63300130	233500021
US63300131	232700023
US63300132	232700007
US63300133	232700025
US63300134	232700022
US63300135	233500050
US63300136	233500027
US63300137	233500077
US63300138	233500042
US63300139	233500056
US63300140	232700004
US63300141	232700013
US63300142	232700030
US63300143	232700039
US63300147	233500071
US63300148	232700012
US63300149	233500078
US63300150	233500044
US63300151	233500031
US63300154	233500035

US63300155	233500041
US63300156	232700040
US63300157	233500045
US63300160	233500017
US63300163	233500016
US63300164	233500070
US63300165	233500009
US63300166	233500022
US63300167	233500040
MY63421007	232700010
MY63421021	232700021
MY63421023	234700036
MY63421027	233900039
MY63421028	234700027
MY63421034	233900035
MY63421035	234700005
MY63421045	234700011

If the unit and RF serial number match and the unit never go through this service note repair before, please return the unit to factory (AX63 PLWN CTD work center) for repair.

If you have any questions about this process, please contact:

Christopher Rich

Christopher_rich@keysight.com

Ewe-Keng Yeoh (Jerry)

Ewe-keng_yeoh@keysight.com

Revision History:

Date	Service Note Revision	Author	Reason for Change
01 Nov 2024	01	JY	As Published

Serial Numbers:

US63300105	US63300125	US63300137	US63300151	MY63421007
US63300108	US63300126	US63300138	US63300154	MY63421021
US63300110	US63300127	US63300139	US63300155	MY63421023
US63300111	US63300128	US63300140	US63300156	MY63421027
US63300114	US63300130	US63300141	US63300157	MY63421028
US63300115	US63300131	US63300142	US63300160	MY63421034
US63300116	US63300132	US63300143	US63300163	MY63421035
US63300121	US63300133	US63300147	US63300164	MY63421045
US63300122	US63300134	US63300148	US63300165	
US63300123	US63300135	US63300149	US63300166	
US63300124	US63300136	US63300150	US63300167	