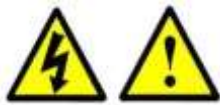




Figure 1-1 Location of LNB

Before You Start



General warnings and instructions!

WARNING!

- Only qualified and authorized personnel are allowed to carry out system service/maintenance procedures.
- Do not place any tools or parts on the Base Plate. This may damage the pedestal while it is being repositioned during the replacement procedure.

Before starting the procedure:

- Open the radome hatch. Inside the RADOME, Switch off the ADE Power Box at the Antenna pedestal base.
- Manually rotate the pedestal axes to gain convenient access to the serviced unit.

1. Applicable for P/N: OceanTRx-LNB-005/004/003/002/001-SP

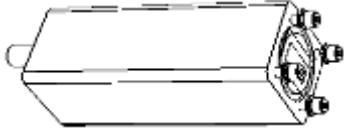
2. KIT Content (OceanTRx-LNB-005-SP)

Quantity	Description	
1	LNB Ku SMW Quad band	

KIT Content (OceanTRx-LNB-004-SP)

Quantity	Description	
1	LNB Ku Dual Band	

KIT Content (OceanTRx-LNB-003/002/001-SP)

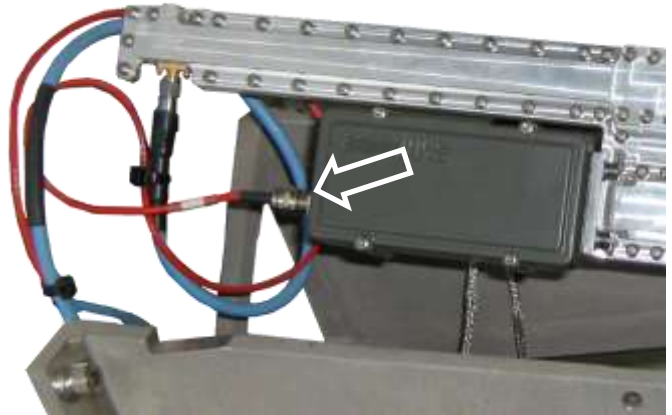
Quantity	Description	
1	LNB Ku Norsat single band	

3. Required tools

Tool/Part Name	Figure
Tie cutter	
Open/ring wrench 11,19mm and 3/4"	
Allen Set metric	

4. Removing the LNB

- Step 1.
Disconnect Rx Cable:

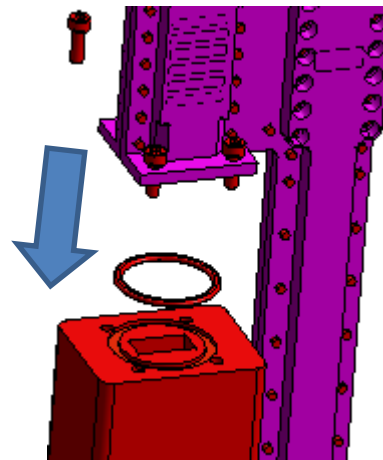


- Step 2.
Remove the 4 bolts securing the LNB to the feed



Rotate the feed to get access to the bolts on the other side

- Step 2.
Remove the LNB and set it a side



5. Installing the Feed

- Step 1.
- Insert new O-ring on the LNB flange
 - Install the



Pay attention to the waveguide flange orientation

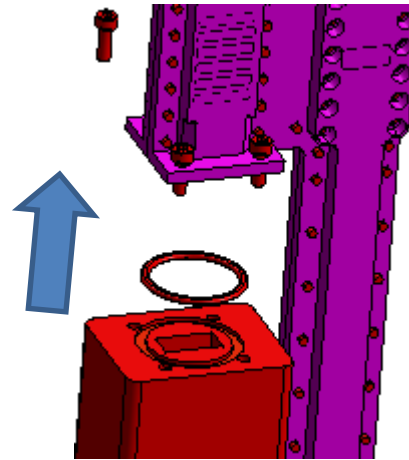
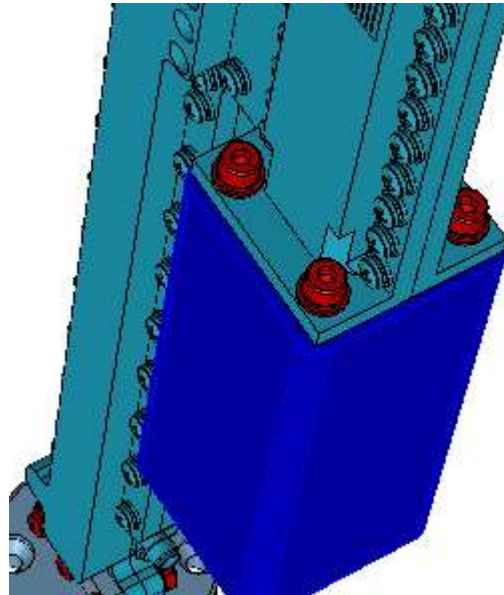


Figure 5-1 LNB O-ring and flange

- Step 2.
- Tighten 4X bolts securing the LNB to the feed.

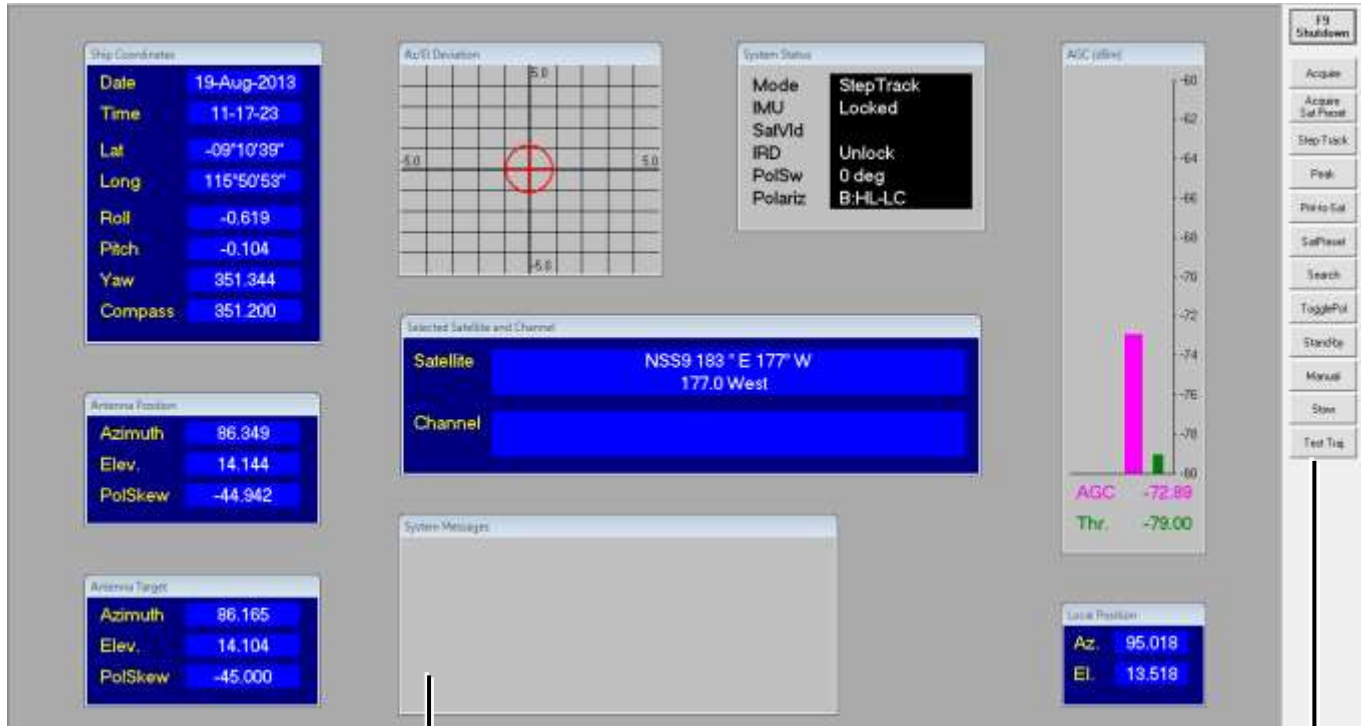


- Step 4. Connect LNB cable to the LNB:



6. Performing Verification Test

1. To make sure the technical process completed successfully, in the **MtsLink** application:
2. Make sure no error messages appear in the System Messages window
3. Perform Noise floor correction as shown in the system user manual
4. Acquire satellite and verify you have proper AGC
5. Verify the Modem Rx EbNo and TX power with NOC



No error messages

Figure 6-1: Verification Test

Click on **Test Traj**