

1 Purpose

This procedure allows to measure the reflectivity of each antenna. A high reflectivity can be due to a broken antenna or to a bad match. Check connectors and cables.

2 Material

- Network Analyzer (NA)

3 Procedure 1

1. Stop acquisition
2. Calibrate the NA for a S11 measurement
3. Measure in sequence each antenna by connecting the NA directly to the input of the antenna divider

4 Procedure 2

1. Stop acquisition
2. **Disconnect the RF signal cable from the amplifier input ([Media:PictureAmpInputDegreane.png](#))**
3. Calibrate the NA for a S11 measurement
4. Connect the NA before the antenna switch
5. Configure a one-measurement (vertical) cycle
6. Start acquisition
7. Measure S11 with the NA
8. Repeat steps 5 - 7 for each antenna

Go to [Maintenance Procedures](#); Go to [RWP Maintenance in CWINDE](#);