

12/06/2007

Tune up procedure for DEKO3189

1. General

- 1.1. This Procedure is conducted by the customer using NMS, on “Controls and Params “ screen.

2. Procedure

- 2.1. Connect to unit using NMS (see Manual).
- 2.2. Chose “Controls and Params “ screen (see figure 1).

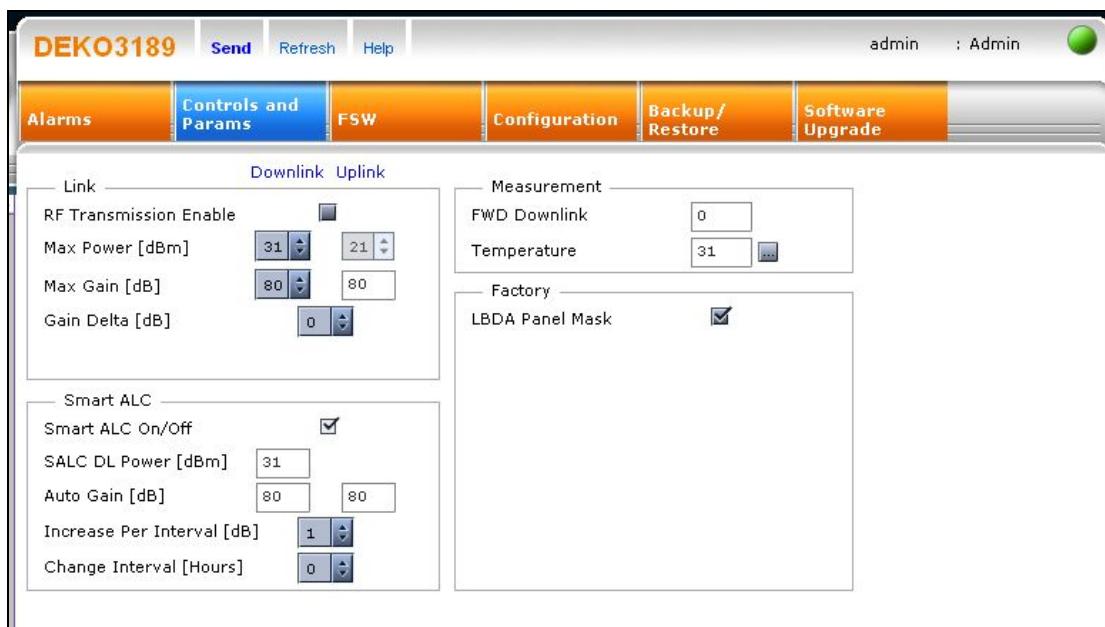


Figure 1: NMS – Controls and Parameters Screen

To setup the Control and operational Parameters of the Repeater, proceed as follows:

Set the parameters that determine the **Link** in both **Downlink** or **Uplink** path by selecting the value for each checkbox from its adjacent dropdown list.

First, click on the box to enable RF Transmission:

1. Click on the **LBDA Panel Mask** checkbox if you want to determine manually the gain with the Power selector in the Repeater front panel. This feature disables the **Max Power** box selection, at left.

Factory	
LBDA Panel Mask	<input checked="" type="checkbox"/>

2. Click on **RF Transmission Enable** checkbox if you want to setup the Power and the Gain in this screen
3. Select the **Max Power**.
4. Select the **Max Gain**
5. Select the **Delta Gain** between the **Downlink** and **Uplink**

Link	Downlink	Uplink
RF Transmission Enable	<input checked="" type="checkbox"/>	
Max Power [dBm]	31	21
Max Gain [dB]	80	80
Gain Delta [dB]	0	

6. Click on **Smart ALC On/Off** box to enable the Smart ALC operation. The values of its operational parameters are set as fixed, and are displayed for information.
7. You can **increase** the **Auto Gain** per time **Interval**
8. Determine the time lapse in the **Auto Gain** increase by setting a **Change Interval** timeout in the checkbox (in hours)

Smart ALC	
Smart ALC On/Off	<input checked="" type="checkbox"/>
SALC DL Power [dBm]	31
Auto Gain [dB]	80
Increase Per Interval [dB]	1
Change Interval [Hours]	0

