

## **OPERATING INSTRUCTIONS**

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### **3-1. INTRODUCTION**

This section contains operating instructions for the Multicarrier Cellular Amplifier.

### **3-2. INITIAL START-UP AND OPERATING PROCEDURES**

There are no operating controls or indicators on the NTGY81AA amplifier module. To perform the initial start-up, proceed as follows:

1. Double check to ensure that all input and output cables are properly connected.

#### **CAUTION**

Before applying power, make sure that the input and output of the amplifier are properly terminated at 50 ohms. Do not operate the amplifier without a load attached. Refer to table 1-1 for input power requirements. Excessive input power may damage the amplifier

#### **NOTE**

The output coaxial cable between the amplifier and the antenna must be 50 ohm coaxial cable. Use of any other cable will distort the output.

2. Turn on supply that provides +26 Vdc to the amplifier system.
3. Turn on external exciter/transceiver and apply RF input signals.