



# It's Time to Begin Network Testing with AT&T.



**AT&T**

If you have your TEST SIMS,  
you can use this guide  
to begin testing.

# Let's take the next step toward getting your device Network Ready!

## CONGRATULATIONS

on starting your network testing on the AT&T Network! This process will expedite the on-boarding of your device on the AT&T network. The AT&T IoT Team is here to help guide you through testing, though you will be able to do most of this on your own.

TO CONDUCT YOUR TEST, YOU MUST  
HAVE AN  
**ACTIVATED SIM**  
WITH AN ICCID # BEGINNING WITH  
**8901170**

YOU MUST ALSO HAVE A  
**DEACTIVATED SIM**  
WITH AN ICCID # BEGINNING WITH  
**8901170**

## BEFORE YOU BEGIN

Send the following information in an email using subject line: "TRENDI Test Start" to [GetNetworkReady@att.com](mailto:GetNetworkReady@att.com).

1. Device name:
2. Module used:
3. ICCID # from your Test SIM(s):
4. Start date and time(s):

If you're running Activated and Deactivated tests at the same time then let us know that. Otherwise, please send separate emails when the Activated and Deactivated tests each begin.

## REQUIREMENTS

If you have questions about the requirements, you can find links to verify them on the IoT Devices Website at [www.att.com/gnr](http://www.att.com/gnr).

### **Use an AT&T Approved Module.**

If you have not already done so, verify that your device uses an AT&T Approved Module by visiting [www.att.com/modules](http://www.att.com/modules).

### **Use AT&T approved SIMs**

These are identified and numbered 8901170. If you do not already have SIMs that begin with this ICCID number, you may order them from AT&T.

### **Use the final production hardware and exact software submitted for PTCRB**

AT&T will reject any test results if the device hardware, software, or module firmware deviates from what was or will be used for PTCRB certification.

## ACCESS POINT NAME

Your test SIMs must have open Internet access and use "m2m.com.attz" as the pre-designated test APN. You may use a customer-specific APN as long as AT&T can see the SIM in the Control Center.

## TESTING PROCEDURE:

The Activated and Deactivated tests below may be done in series or concurrently with identically configured devices. Please make sure the device and module are RESET to factory defaults (as they would be “out of the box”).

### ACTIVATED SIM TESTING

Insert the **ACTIVATED (A) SIM** into your device and ensure your device is connected to the AT&T network.

#### TEST A1: VERIFY SMS CONNECTIVITY

*(not required if your device does not utilize SMS)*

- a. Use the phone number associated with your activated test SIM.

Send five SMS loopback messages originated from the device under test, and verify receipt on your device.

Number each of the five SMS messages sequentially as “SMS Test 1”, “SMS Test 2”, and so on.

#### TEST A2: VERIFY DEVICE FUNCTION OVER 24 HRS

- a. Perform a 24 hour SOAK test of your device in deployment mode — a configuration which would exercise the typical use case or cases that the device would be used for once commercially deployed. This goes beyond simply booting up, and may include SMS, voice, or uplink and downlink data. If the device supports mobile terminated or mobile originated SMS please exercise those functions as well. This allows AT&T to baseline the device performance, verifying that data usage is not excessive.
- b. Verify your device is functioning correctly and that these use cases are being performed over the cellular interface.
- c. Leave the device powered on for 24 hours, allowing the device to perform its functions during this interval.
- d. After 24 hours STOP!  
REMOVE THE ACTIVATED SIM FROM YOUR DEVICE!

**IMPORTANT:** Please remove the Activated SIM from your device and do not place it into another device. AT&T uses Control Center to review information about this SIM to validate that the device TAC and SVN match what is filed with PTCRB. **AT&T will reject your test results if there is a mismatch!**



## DEACTIVATED SIM TESTING

*Note: This test may be performed with the same device as the Activated SIM tests, or an identically configured device.*

Insert the **DEACTIVATED (D) SIM** into your device, power on the device and then perform the following test.

### **TEST D1: VERIFY DEVICE BEHAVIOR IN A 24 HOUR PERIOD WHEN PACKET DATA SERVICES ARE UNAVAILABLE**

- a. Configure your device to perform it's intended functions that utilize cellular data, SMS, or voice capabilities (i.e.: User Initiated Action/ Sensor or Alarm based Interrupt, etc) to allow AT&T to characterize device behavior when the network rejects Packet Switched attach attempts.
- b. Leave the device powered on for 24 hours, allowing the device to attempt to access the network during this interval.

## TEST COMPLETED

As soon as you have completed all of these tests, simply "REPLY ALL" to your ORIGINAL email, and CHANGE THE SUBJECT LINE to "TRENDI Test Complete."

Put your Stop Date and Time at the top of the content.

We will review your device's performance and share the results with you.



For more information on the contents of this brochure,  
please visit the Network Ready tab  
on the AT&T IoT Devices website:  
[www.att.com/gnr](http://www.att.com/gnr)

*During T.R.E.N.D.I., you will be asked to  
send SMS text messages to the phone number  
for your test SIMs. Please use the phone number  
associated with your SIM for that portion of the test.*

