

1 Equipment Specification

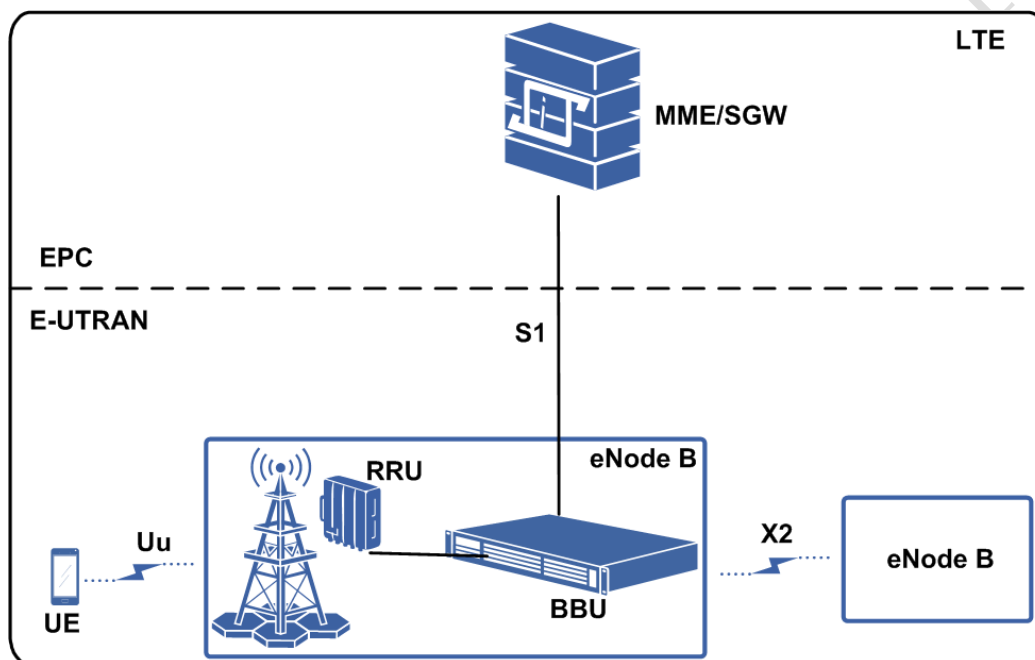
1.1 General Description

The ZXSDR R8978 S2600M is an eight-path TD-LTE RRU with high power. It operates with a BBU to cover new outdoor sites.

The ZXSDR R8978 S2600M works with a BBU to compose a complete eNodeB and implement the functions such as radio transmission in the coverage area and radio channel control.

Figure 1 illustrates the position of the ZXSDR R8978 S2600M in a LTE network.

Figure 1 Position of the RRU in a Network



1.2 Technical Specifications

1.2.1 Physical Specifications

Table 1-1 shows the physical specifications of the ZXSDR R8978 S2600M.

Table 1-1 Physical Specifications

Item	Specification
Dimensions (H × W × D)	430 mm × 400 mm × 128 mm
Weight	21 kg
Volume	22 L

1.2.2 Operating Environment

The ZXSDR R8978 S2600M can operate properly in the following conditions:

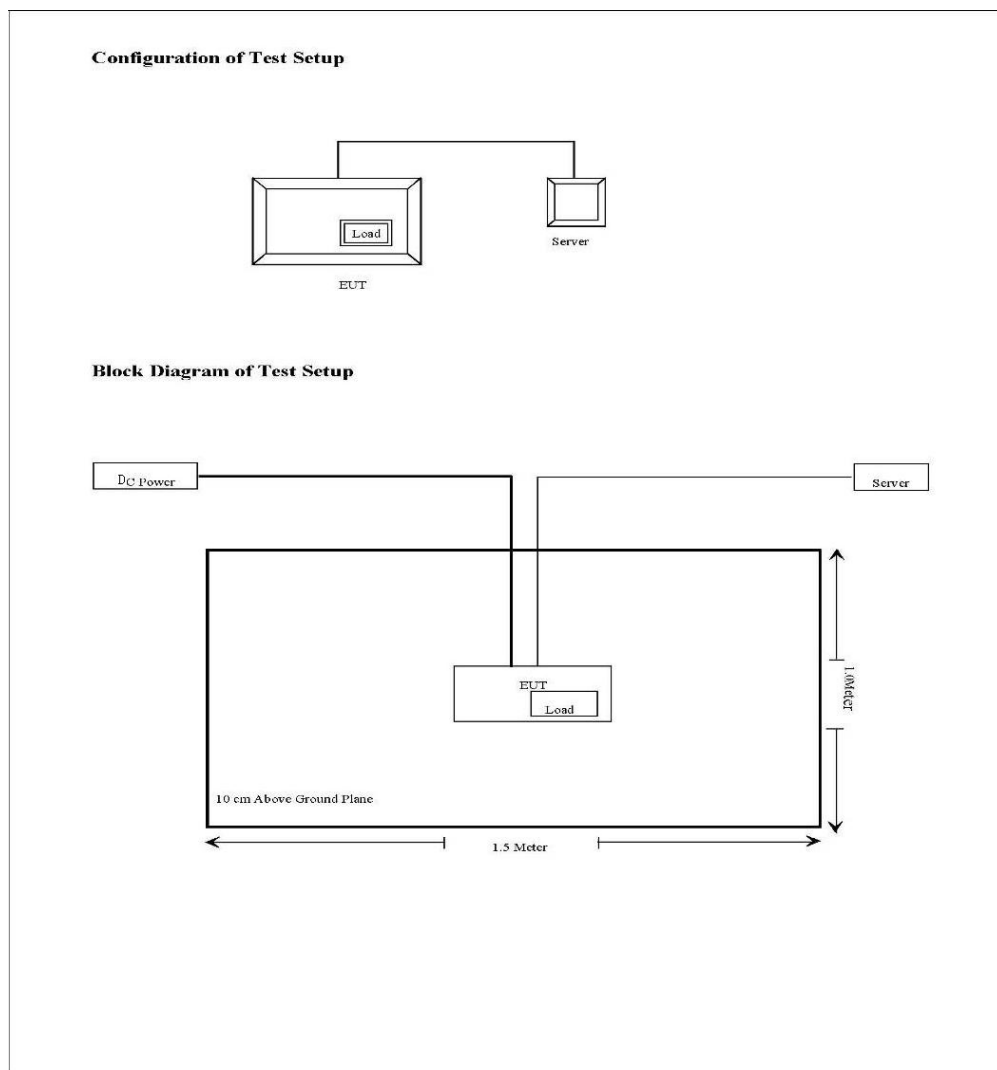
Table 1-2 Temperature and Humidity Requirements

Item	Description
Lowest temperature	-40 °C
Highest temperature	55 °C
Lowest relative humidity	2 %RH
Highest relative humidity	100 %RH
Temperature change rate	0.5 °C/min
Lowest atmospheric pressure	70 kPa
Highest atmospheric pressure	106 kPa

2 General configuration description and monitoring methods

In the EMC test, we use the simple system configuration as shown in the Fig 2.

Figure 2 Test configuration



Before the EMC test, connected the EUT antennas to load, and configure EUT output rated power by OMC, until EUT work stability then start EMC test.

During the test, should observe EUT output power, EUT must keep rated output power during EMC test.