

Operation of Description

This product is a 3G USB MODEM.

The EUT received DC 5.0V by USB. The USB version used for this device is USB2.0.

The EUT Support Radios Application: GSM/GPRS/EGPRS/WCDMA/HSDPA/HSUPA.

The EUT is working base on the **MCU MSM 6290**. The power supply is controlled by the IC PM6658. The RTC is 32.768KHz

The RF chip **RTR6280(Crystal: 19.2MHz)** used for this product support the GSM/GPRS /WCDMA/ HSDPA/HSUPA) application. GSM version is R99(GPRS/EGPRS Class 12) and WCDMA version is R99.

The EUT has one GSM/WCDMA card slot(SIM1).

2G/3G:

GSM/EDGE/GPRS Operation Frequency Band	GSM850/PCS1900/GPRS850/GPRS1900/EDGE850/EDGE1900
UMTS Operation Frequency Band	UMTS FDD Band II/V
GSM/EDGE/GPRS	Supported GSM/GPRS/EDGE
GSM Release Version	R99
GSM/EDGE/GPRS Power Class	GSM850:Power Class 4/ PCS1900:Power Class 1
GPRS/EDGE Multislot Class	GPRS/EDGE: Multi-slot Class 12
GPRS operation mode	Class B
WCDMA Release Version	R99
HSDPA Release Version	Release 10
HSUPA Release Version	Release 6
DC-HSUPA Release Version	Not Supported
LTE Release Version	Not Supported
LTE/UMTS Power Class	Level 3
Antenna Type	PIFA Antenna
Extreme temp. Tolerance	-30°C to +50°C
Extreme vol. Limits	4.50VDC to 5.50VDC (nominal: 5.00VDC)