2. PRODUCT INFORMATION

2.1 Equipment Description

The Equipment Under Test (EUT) is the Radar/Laser Detector WT-1020 of WILLTRONICS. Co., Ltd.
Please refer to Users manual

2.2 General Specification

- Chassis Type : Plastic Cover
- List of Each OSC. Or X-Tal. Freq. (>=1MHz) : X-TAL – 12.0MHz
- Chipset Brand & Part No. IC OTP : S3P8475XZZ-QZR5(SAMSUNG ELECT)
  IC : BA10324AF/ROHM (ROHM) , IC : DKB4111S(DAE KWANG ELEC)
  IC SMD : KIA78L05F(KEC), IC SMD: MC74HC02ADR2(MOTOROLA)
  IC : 24LC02BT/SN (MICROCHIP/ATMEL) , IC : KIA7045F(KEC)
  IC : MC7808CT (MOTOROLA)
- Number of Layers : Main board – 2Layers

• **General**

Dimensions:	65mm(W) x 118mm(L) x 32mm(H)
Weight:	148 g
Power Requirement:	12- 15V DC
Temperature Range:	Operating -20 ° C to +80 ° C
	Storage -40 ° C to +100 ° C

• **Laser Detector**

Receiver Type	Pulse Laser Signal Receiver
Sensor Front End	Convex Condenser Lens
Detector Type	Pulse Width Discriminator
Receiver Bandwidth	30 MHz
Spectral Response	800- 1100 nm

• **Radar Detector**

Receiver Type	Double Conversion Superheterodyne
Detector Type	Scanning Frequency Discriminator
Antenna Type	Linear Polarization
Frequency of	10.525 GHz ± 50 MHz (X Band)
Operation	24.150 GHz ± 100 MHz (K Band)
	34.700 GHz ± 1300 MHz (Ka Band)