



Model No
ADA-901-5G/LTE-1.13-35mm-IPEX

# 1. GENERAL DESCRIPTION

Below is a table summarizing the antenna design specification

## 1.1 Electrical Properties

Parameter	Description
Frequency Band	600~960/1710~2170/2500~2700/3200~3800MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return loss	855.741MHz(-11.677dB),2130.903Mhz(-12.883dB) 3395.484Mhz(-13.120dB)
V.S.W.R	855.741MHz(1.705:1),2130.903Mhz(1.587:1) 3395.484Mhz(1.567:1)
Reflection coefficient	855.741MHz(0.261),2130.903Mhz(0.227) 3395.484Mhz(-0.221)

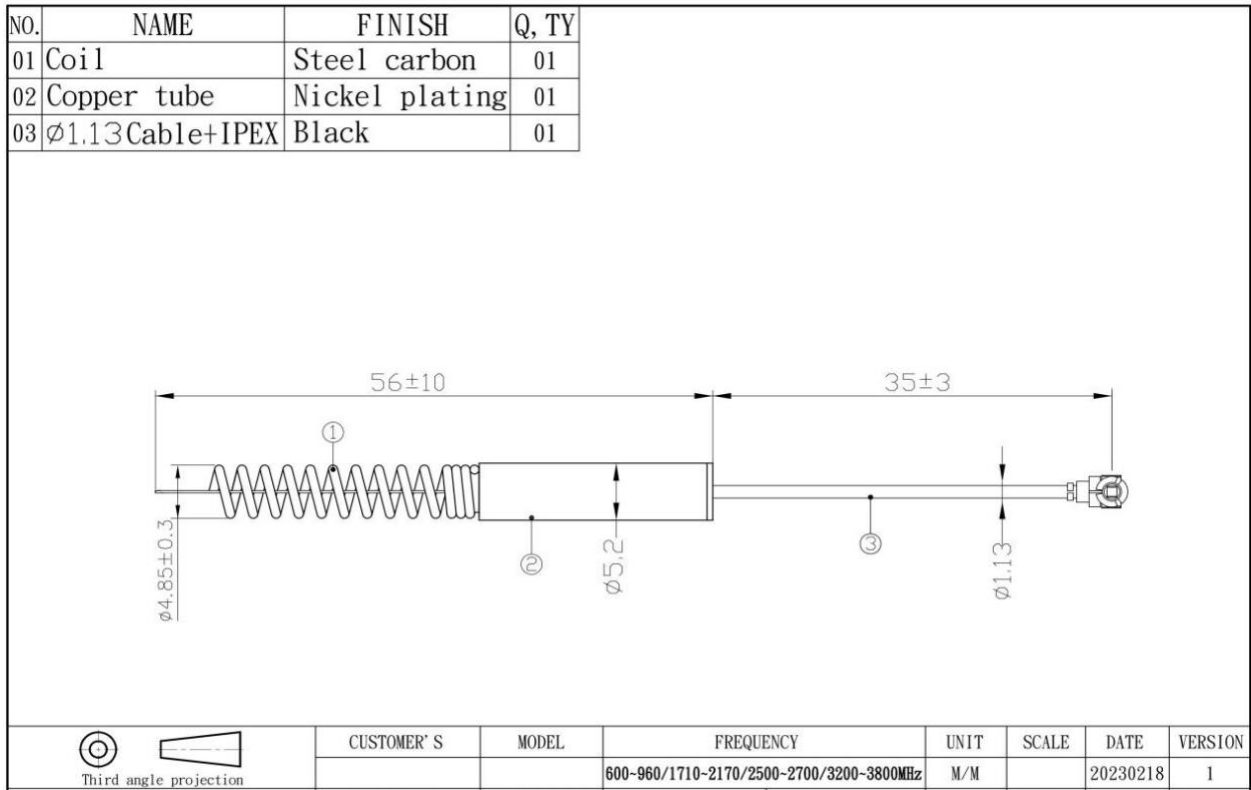
## 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Antenna length	56mm
Cable Type	Ø1.13 mmCable
Cable length	35mm
Connector Type	IPEX (U.FL)
Antenna Color	Black

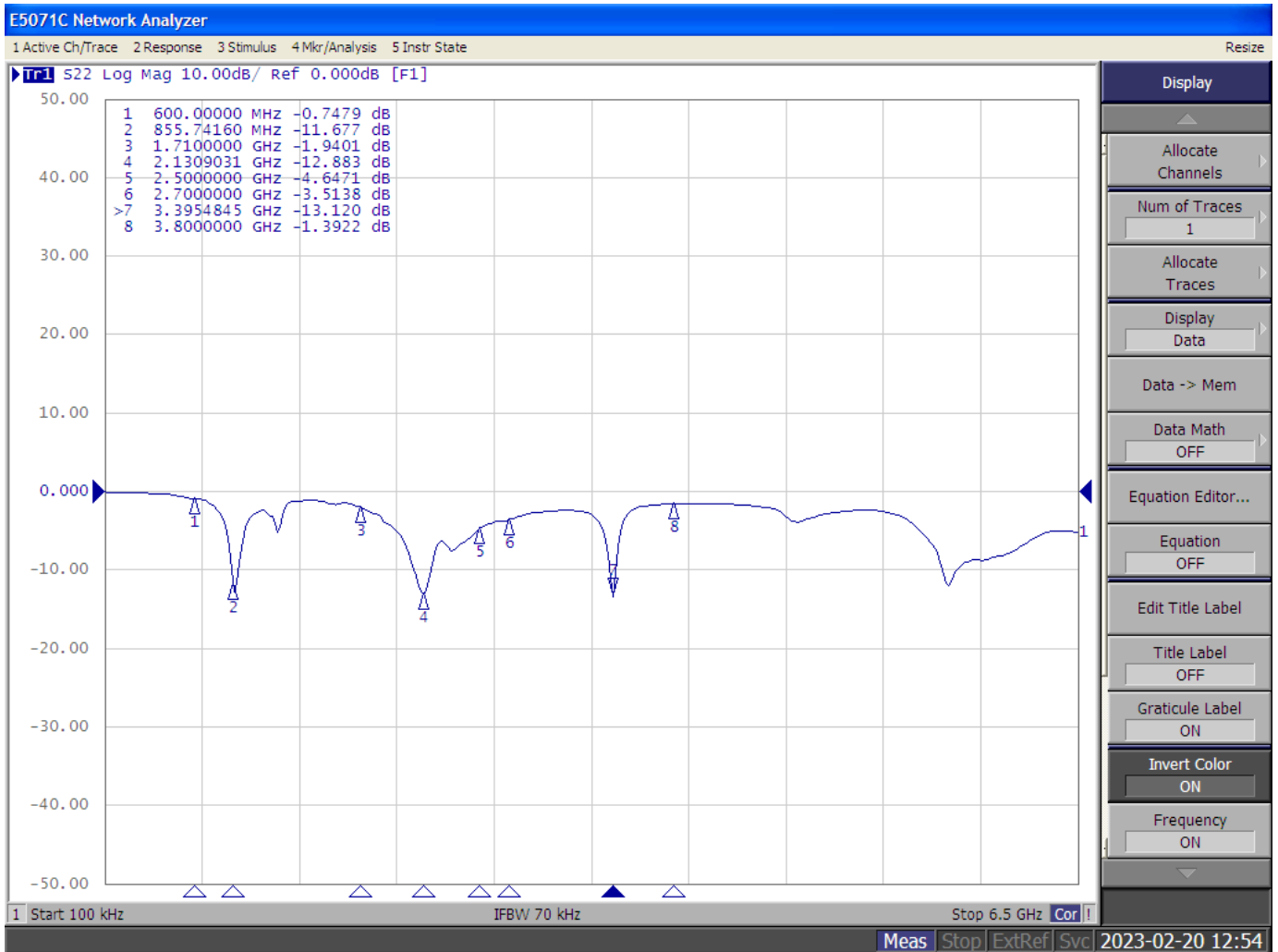
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-35°C~+75°C

## 2. Appearance

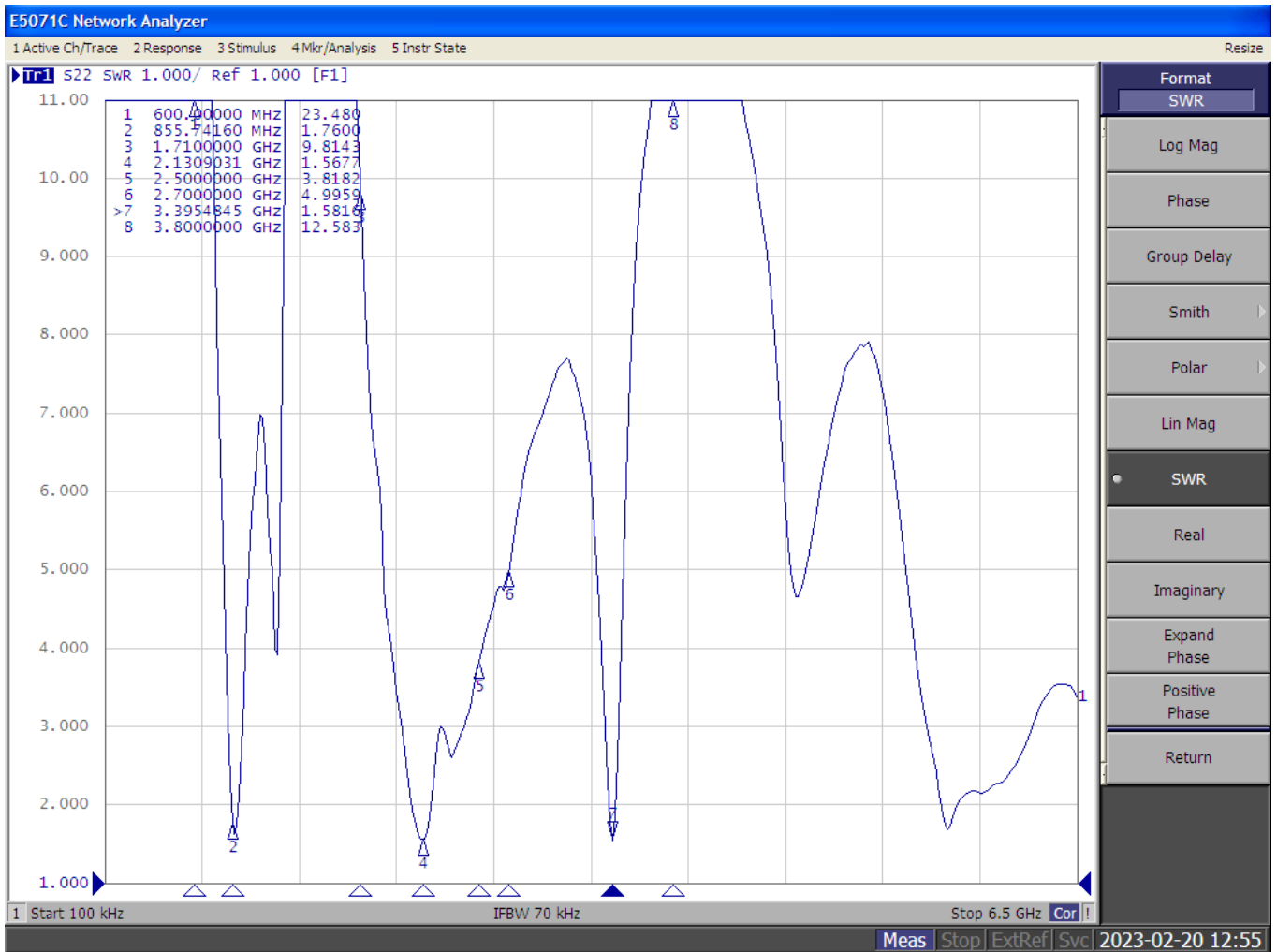


### 3. Frequency :600~960/1710~2170/2500~2600/3200~3800MHz

#### 3-1 Log Mag Returnloss



### 3-2 V.S.W.R



### 3-3 smith (R+jx)

