

UWB Antenna Specification

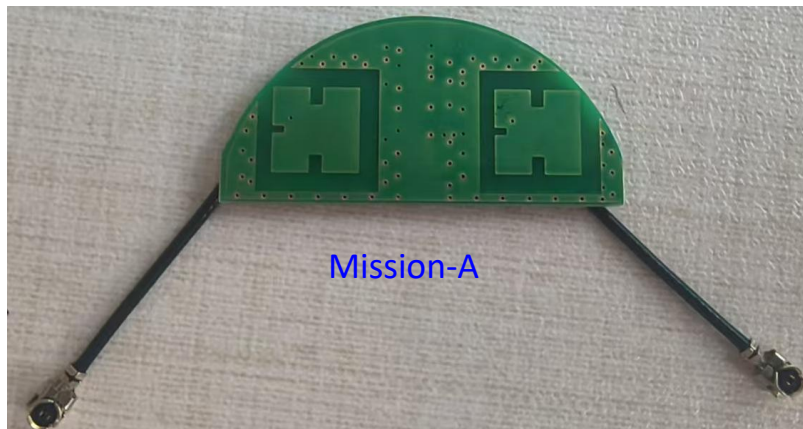
Item:	Mission-A	Frequency :	CH9: 7737-8237MHz
Internal Type:	Mission-A :Y1180010200KA	Version:	A.0
Date:	2025/10/17		

Yongfutong Technology (Shang Hai) Co.,LTD..

4th floor, Building 1, No. 18, Dongbao Road, Songjiang District, Shanghai.

1. Antenna Specification

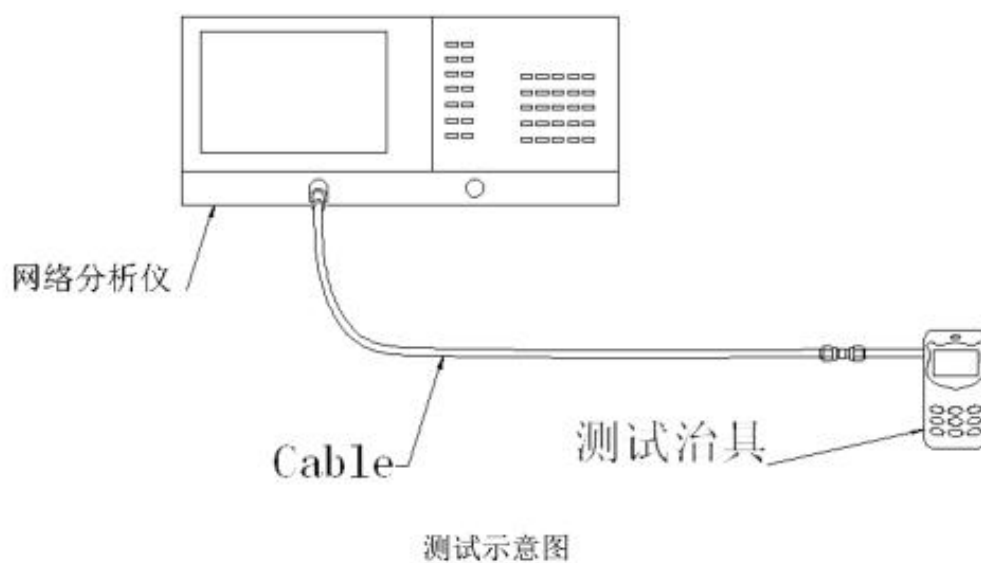
Antenna categories	Connector	wire diameter	PCB (mm)	length (mm)
Bolt mission-A	IPXE 1	Φ1.13 黑色	33.82	33



2. Matching circuit

NO Matching

3. S11

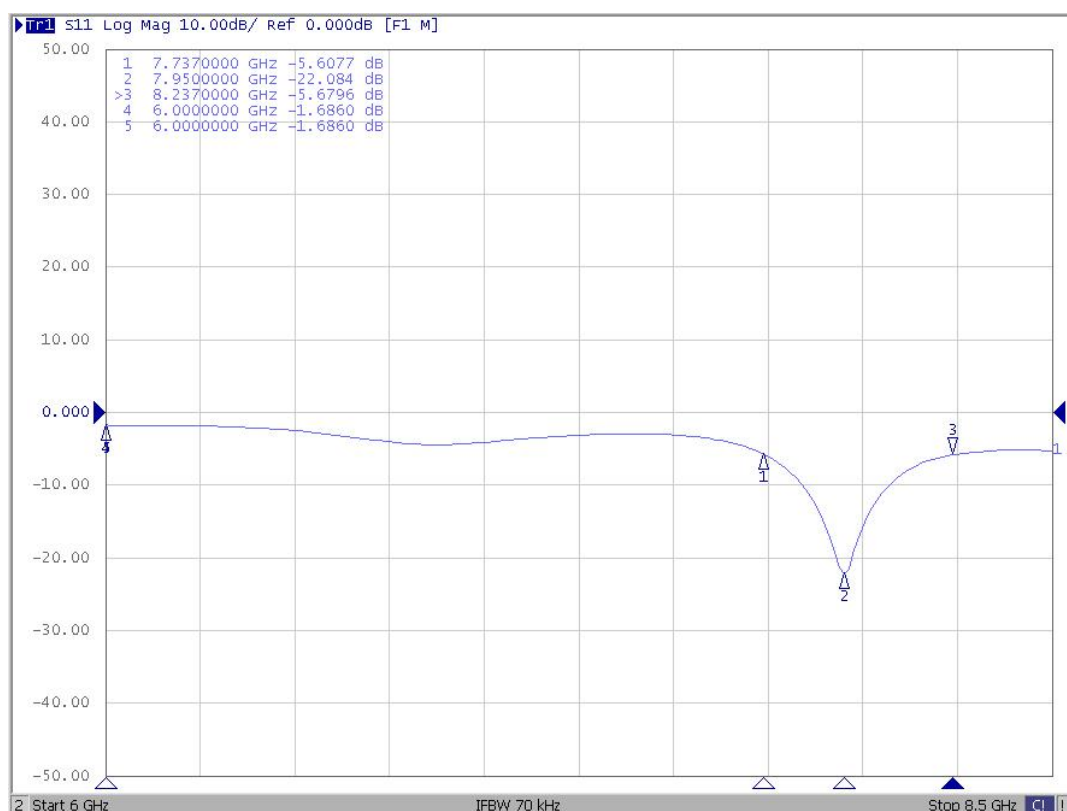


4.1 S11

天线类型	S11 参数	Frequency:(MHZ)		
		7737	7950	8237
Mission-A (Ant1)	Return Loss	-5.6	-22.08	-5.67
	VSWR	3.2	1.17	3.16
Mission-A (Ant2)	Return Loss	-11.06	-11.4	-8.38
	VSWR	1.77	1.73	2.22

4.2 Result

4.2.1 Return loss



4.2.2 V.S.W.R

