

900Mhz Antenna

MODEL: TH-900B



1.. GENERAL DESCRIPTION

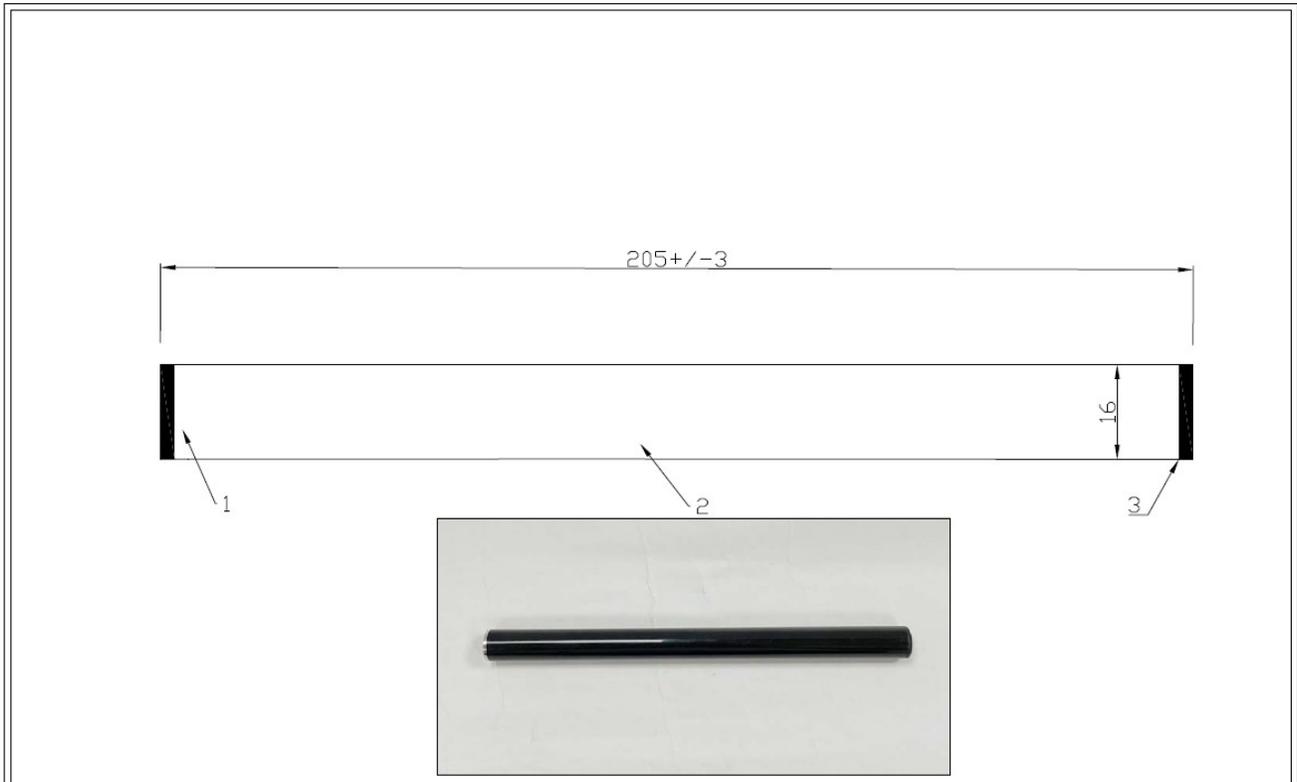
Model No
TH900B-SMA(M)

1.1 Electrical Properties

Parameter	Description
Frequency Band	860-930MHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1
Gain	1-3db

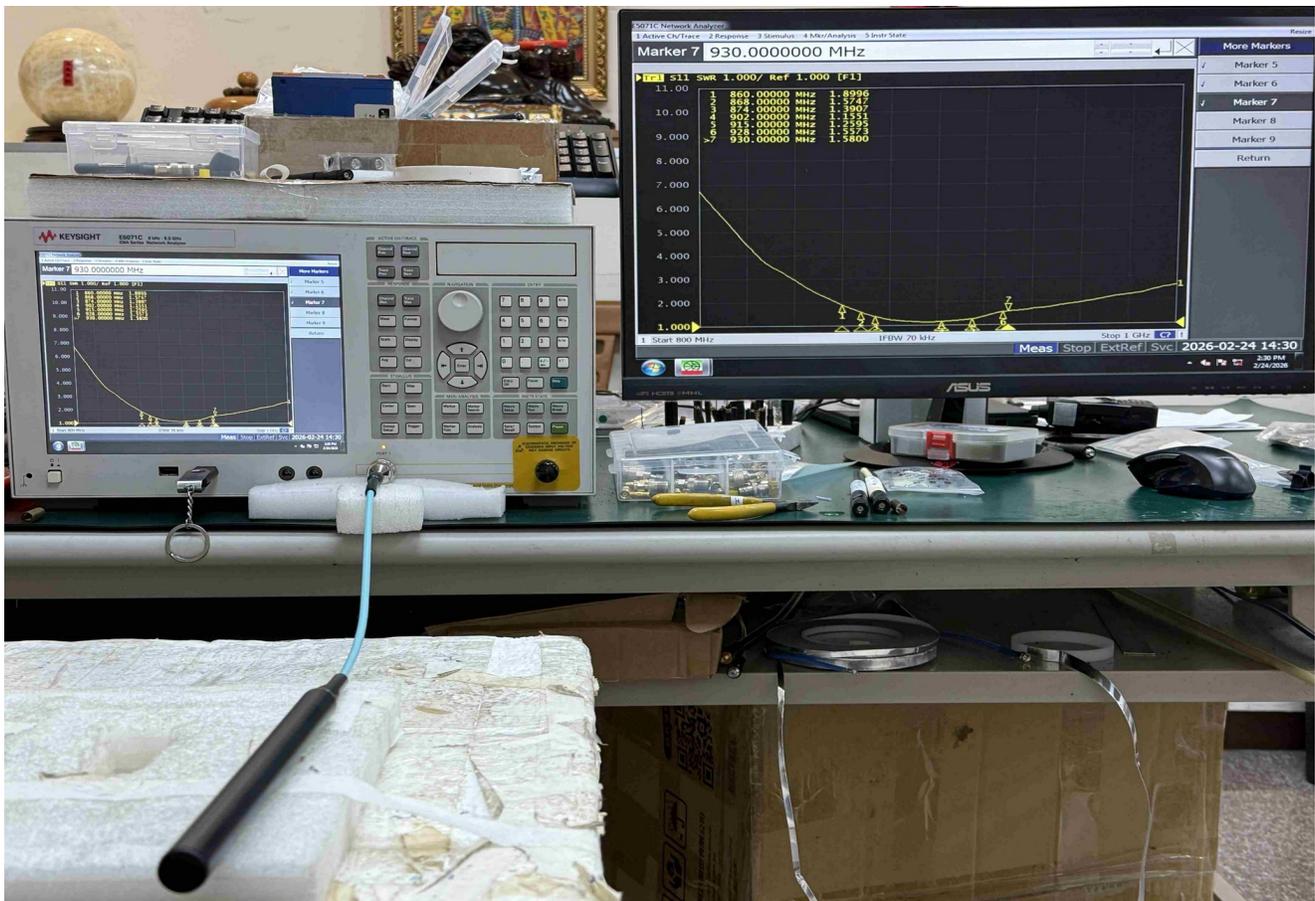
1.2 Mechanical Properties

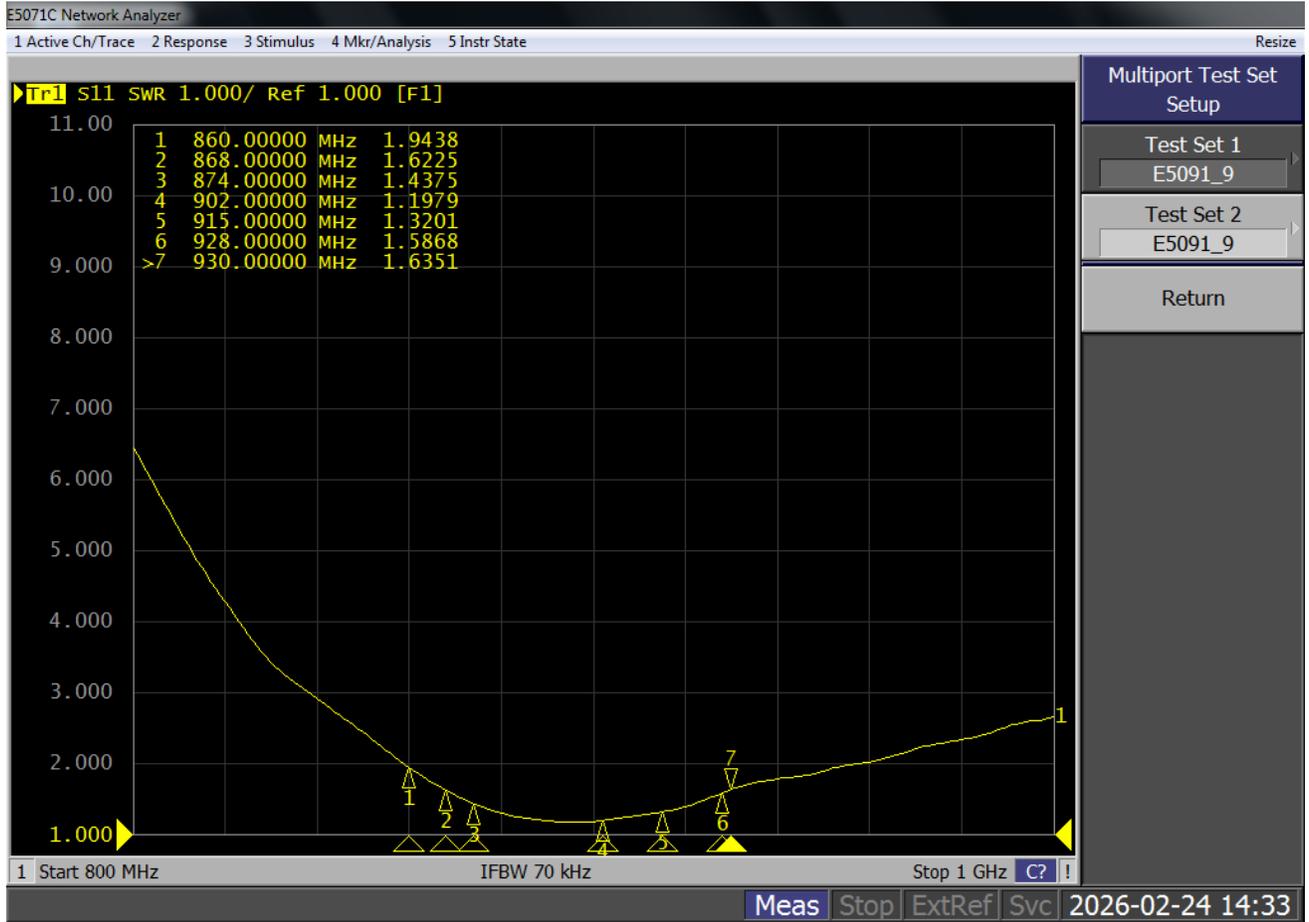
Parameter	Description
Antenna Type	External Antenna
Material	ASA-UV Black
Touch Type	Screw Type
Connector Type	SMA(M)
Antenna Dimensions	205mm \pm 3.0
Antenna Color	Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C



6										
5										
4										
3	ASA Black cap									
2	ASA Black tube									
1	SMA or RP-SMA(M) Connector									
ITEM	DESCRIPTION	MAT'L	FINISH	ITEM No.	TITLE : 1.7-2.7G Antenna		DWC NO. : TH-2200-SMA(M)			
					TOLERANCE : AS SPEC.		FINISH : SEE TABLE		DATE : 2020.07.09	UNIT : MM
					MATERIAL : SEE TABLE		ISSUED : BILL		DRAWN : ALAN	CHECKED : LOUIS

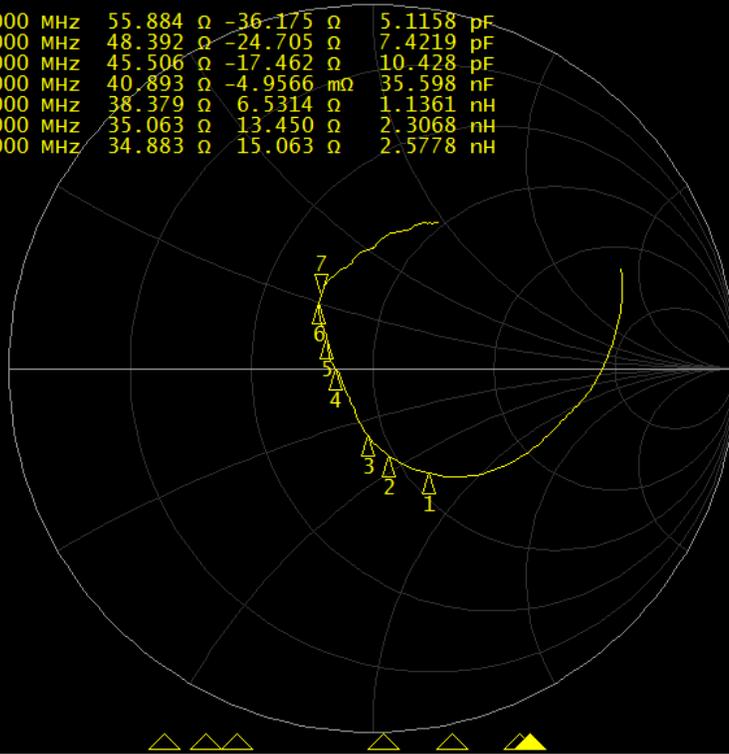
百展科技有限公司
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▶ Tr1 S11 Smith (R+jX) Scale 1.0000 [F1]

1	860.00000	MHz	55.884	Ω	-36.175	Ω	5.1158	pF
2	868.00000	MHz	48.392	Ω	-24.705	Ω	7.4219	pF
3	874.00000	MHz	45.506	Ω	-17.462	Ω	10.428	pF
4	902.00000	MHz	40.893	Ω	-4.9566	m Ω	35.598	nH
5	915.00000	MHz	38.379	Ω	6.5314	Ω	1.1361	nH
6	928.00000	MHz	35.063	Ω	13.450	Ω	2.3068	nH
>7	930.00000	MHz	34.883	Ω	15.063	Ω	2.5778	nH



1 Start 800 MHz

IFBW 70 kHz

Stop 1 GHz C? !

Meas Stop ExtRef Svc 2026-02-24 14:34

Format

Smith (R+jX)

Log Mag

Phase

Group Delay

Smith

R + jX

Polar

Lin Mag

SWR

Real

Imaginary

Expand
Phase