

S Band Antenna

MODEL: TH-2050D



1.. GENERAL DESCRIPTION

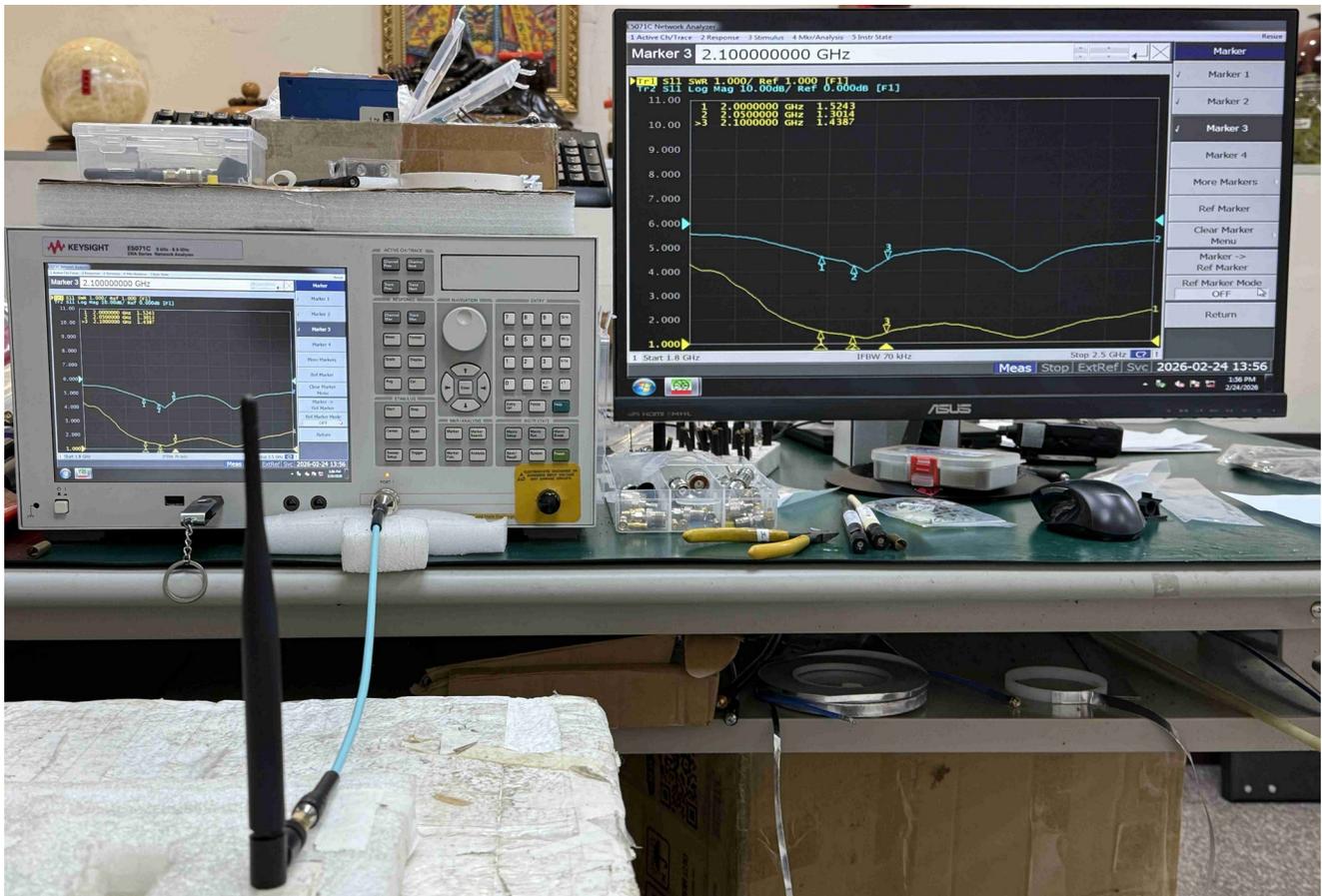
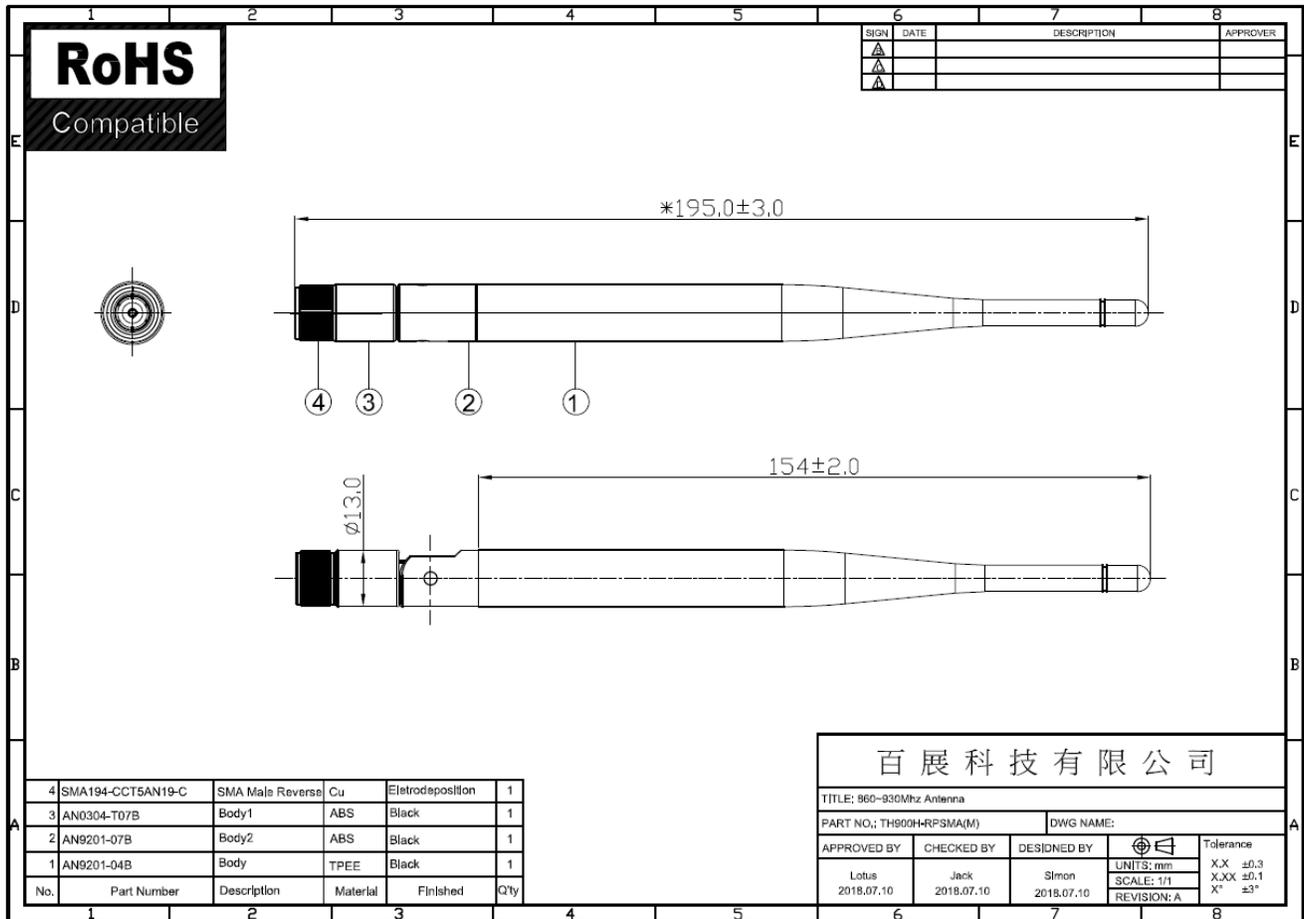
Model No
TH2050D-RPSMA(M)

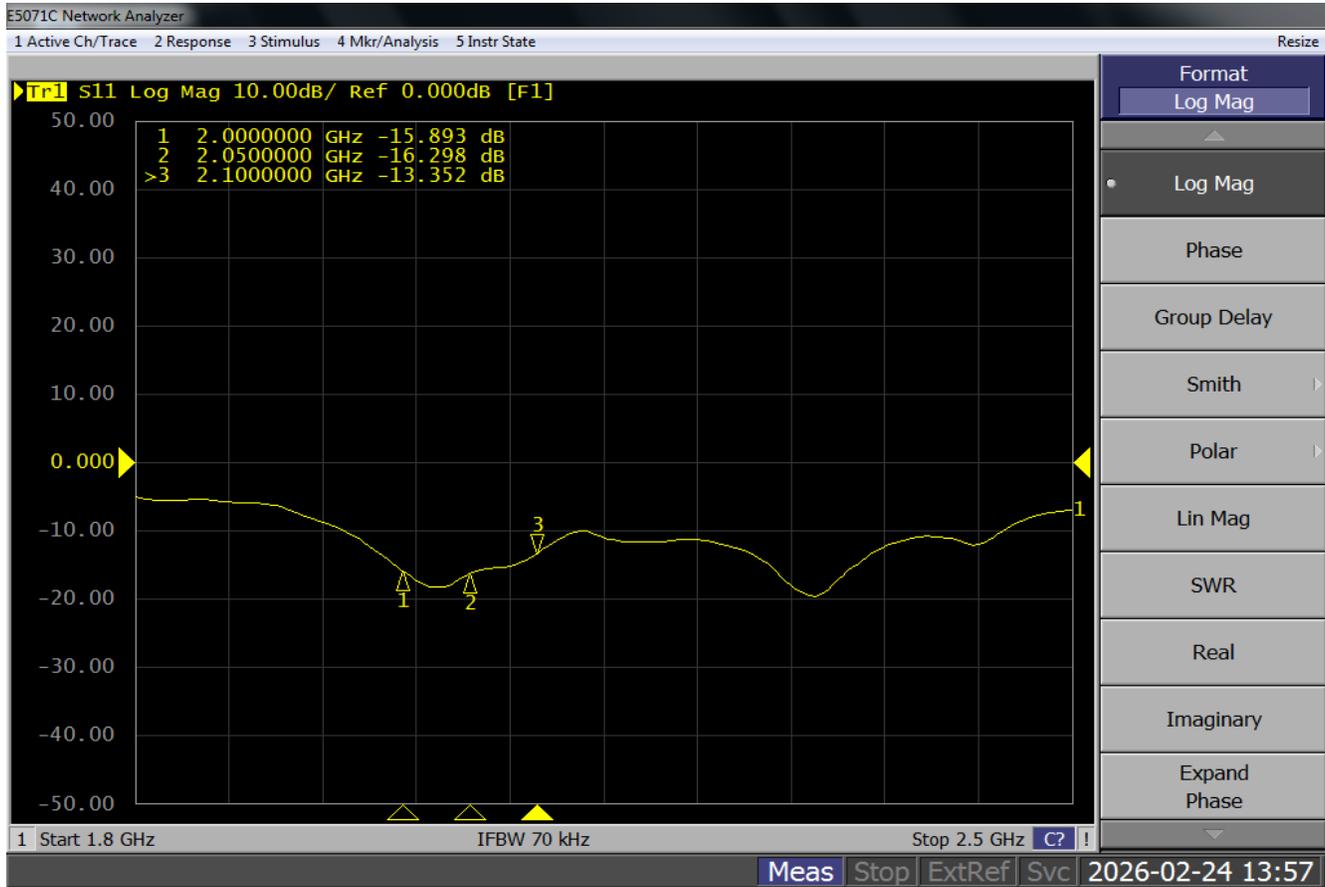
1.1 Electrical Properties

Parameter	Description
Frequency Band	2.0~2.1GHz
Nominal Impedance	50 ohm
Polarization	Vertical
V.S.W.R	2.0:1
Gain	1-3db

1.2 Mechanical Properties

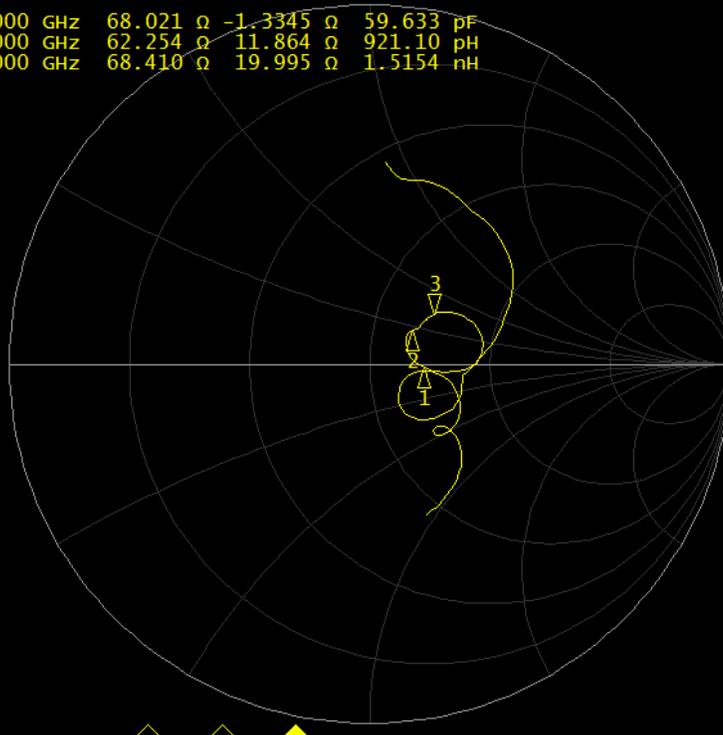
Parameter	Description
Antenna Type	External Antenna
Material	TPE
Touch Type	Screw Type
Connector Type	RPSMA(M) connector or SMA(M)
Antenna Dimensions	195mm \pm 3.0
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C





▶ Tr1 S11 Smith (R+jX) Scale 1.000U [F1]

1	2.0000000	GHz	68.021	Ω	-1.3345	Ω	59.633	pF
2	2.0500000	GHz	62.254	Ω	11.864	Ω	921.10	pH
>3	2.1000000	GHz	68.410	Ω	19.995	Ω	1.5154	nH



Format
Smith (R+jX)

Log Mag

Phase

Group Delay

Smith
R + jX

Polar

Lin Mag

SWR

Real

Imaginary

Expand
Phase

1 Start 1.8 GHz

IFBW 70 kHz

Stop 2.5 GHz C? !