

Outdoor Omni L Band Antenna

MODEL: TH-1450i

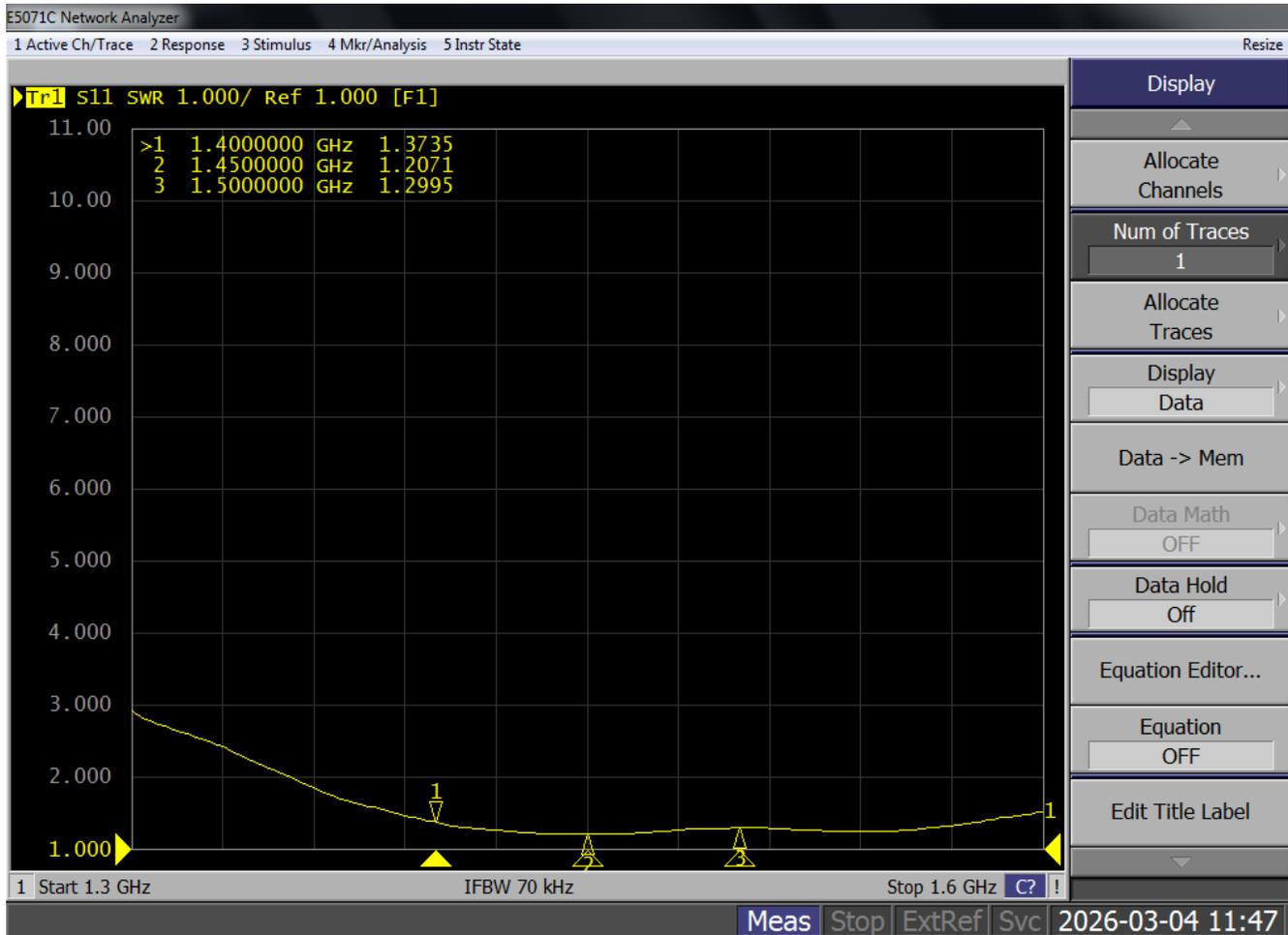
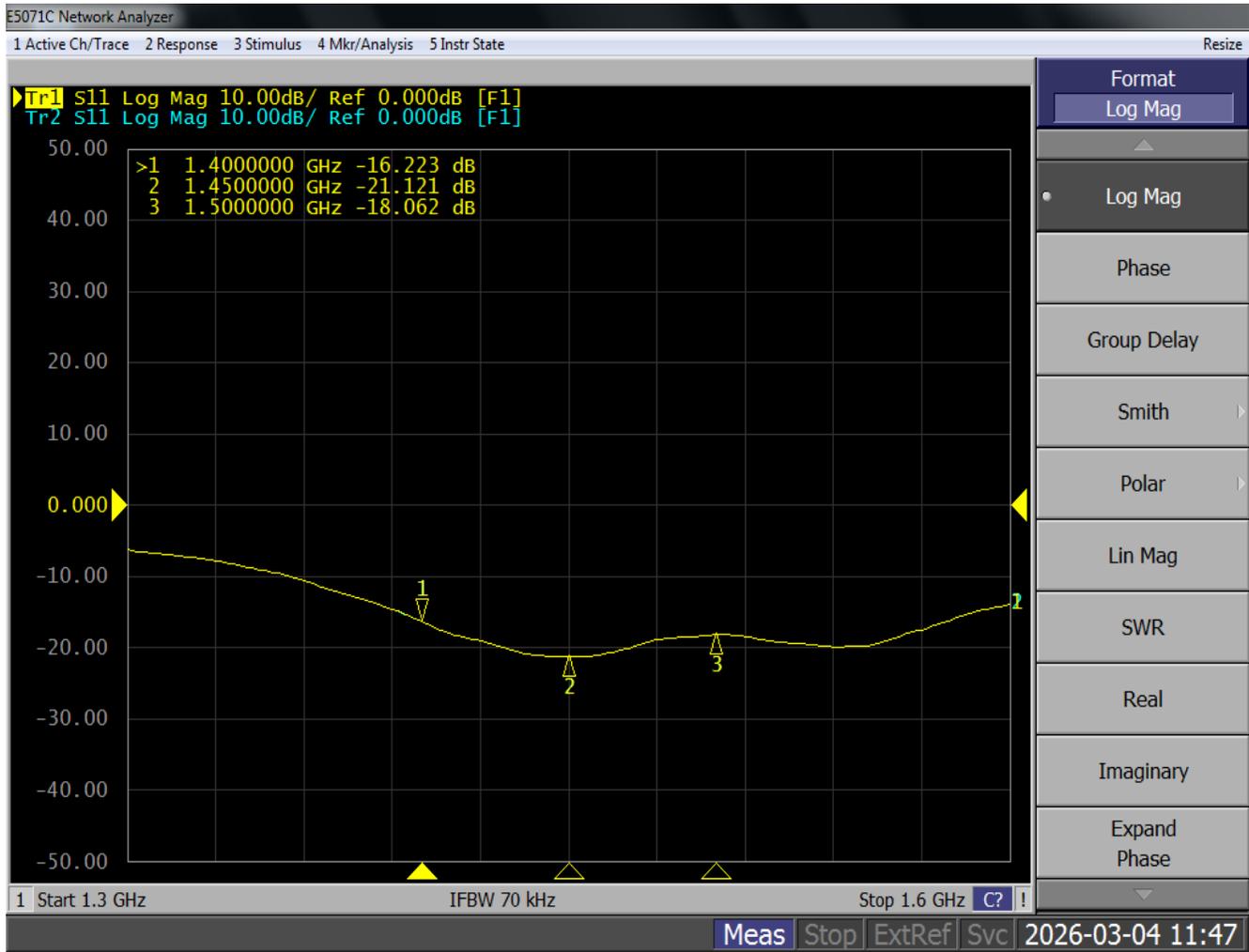


1. Electrical Properties

Parameter	Description
Frequency Band	1400~1500Mhz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	Dipole
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Antenna Peak Gain	3dBi

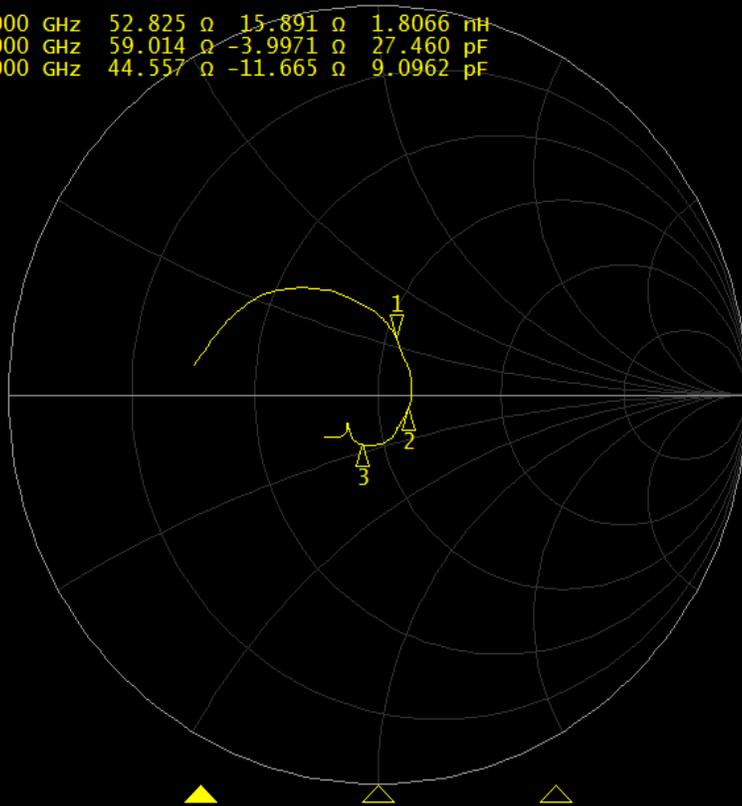
2. Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Connector Type	SMA(M)
Antenna Dimensions	205 mm \pm 3
Antenna Color	ASA-UV-Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7



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

>1	1.4000000	GHZ	52.825	Ω	15.891	Ω	1.8066	nH
2	1.4500000	GHZ	59.014	Ω	-3.9971	Ω	27.460	pF
3	1.5000000	GHZ	44.557	Ω	-11.665	Ω	9.0962	pF



Format
Smith (R+jX)

Log Mag

Phase

Group Delay

Smith
R + jX

Polar

Lin Mag

SWR

Real

Imaginary

Expand
Phase

1 Start 1.3 GHz

IFBW 70 kHz

Stop 1.6 GHz C? !

Meas Stop ExtRef Svc 2026-03-04 11:48