

Mini 2.4G ANTENNA

MODEL: TH-240-Mini



1. GENERAL DESCRIPTION

Model No
TH240-Mini

Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	2.4GHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0 : 1

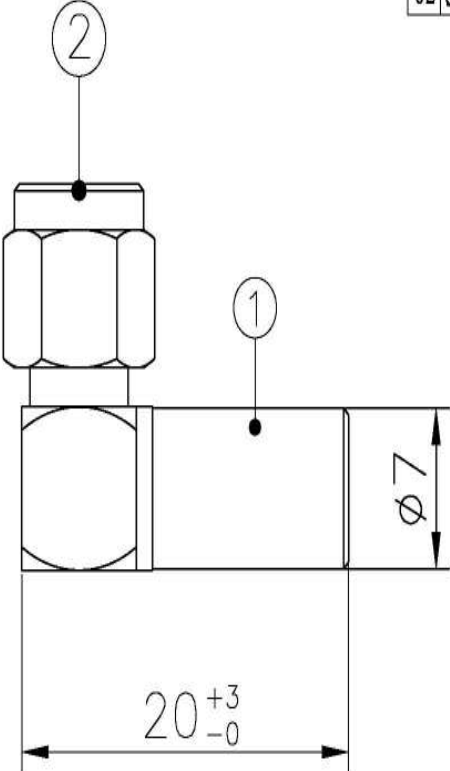
1.2 Mechanical Properties


Parameter	Description
Antenna Type	External Antenna
Antenna Material	POM
Touch Type	Screw Type
Connector Type	SMA 90°(Male)

Antenna Dimensions	20mm +3/-0
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

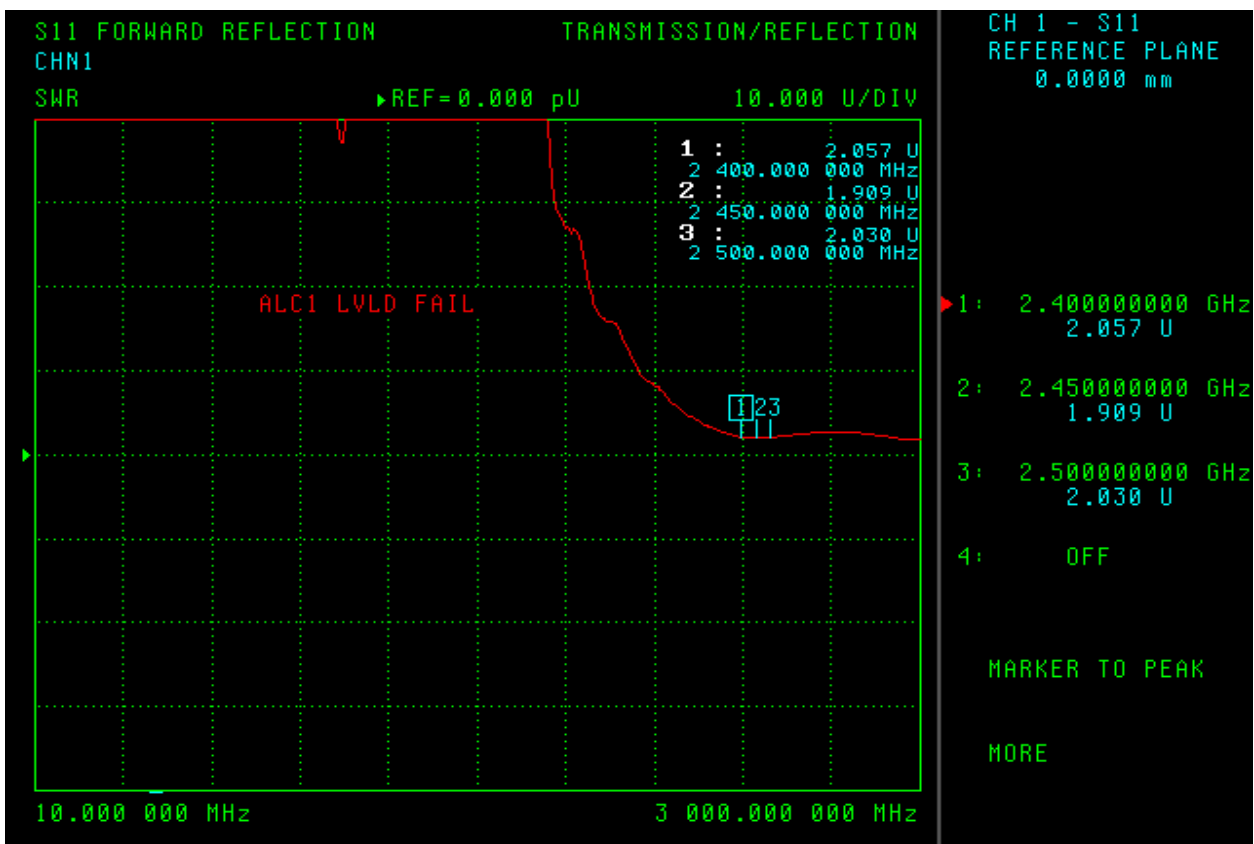
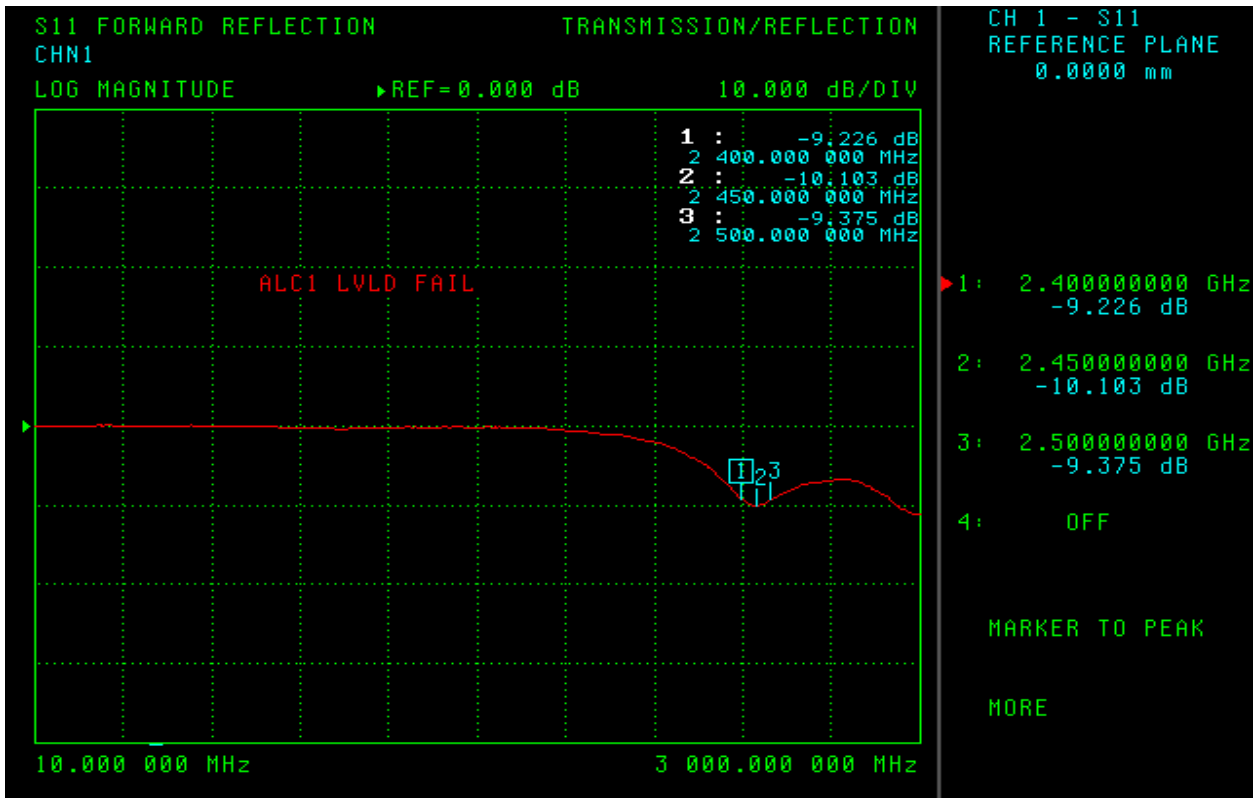
2. Appearance

NO.	NAME	FINISH	Q, TY
01	Core tube	Black	01
02	SMA 90°(Male)	Nickel plating	01



 Third angle projection	CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
					2.4GHz	M/M		20110705
	TOLERANCE	X. XX±0.15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS	$\frac{S}{\sqrt{\nabla}}$	APPEARANCE					

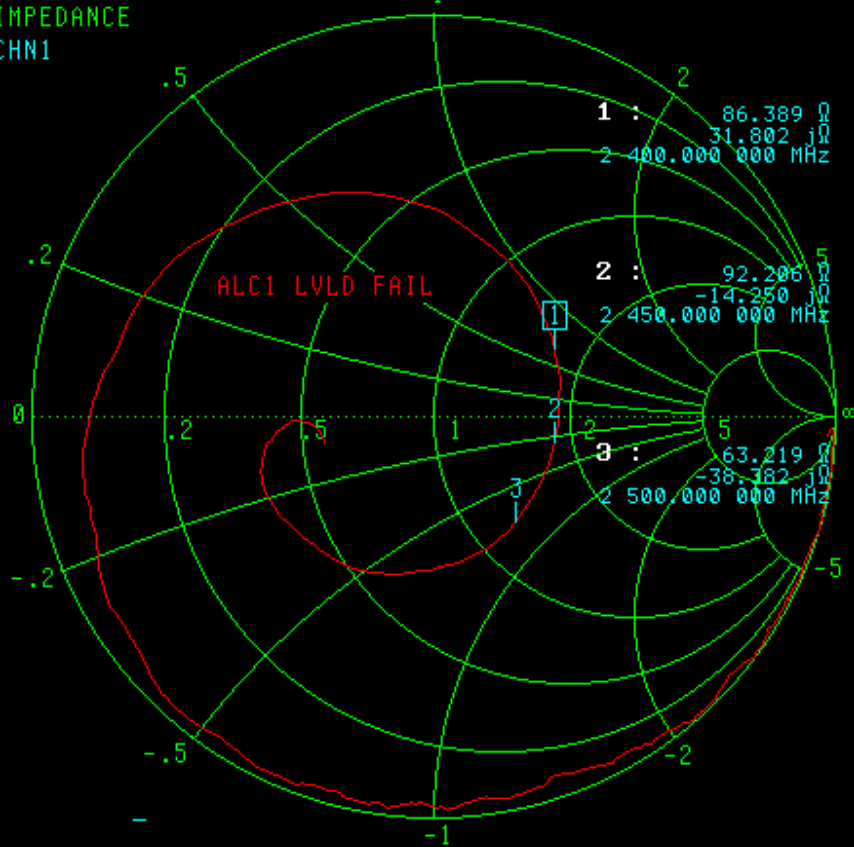
3. Frequency :



S11 FORWARD REFLECTION
IMPEDANCE
CHN1

TRANS/REFL

CH 1 - S11
REFERENCE PLANE
0.0000 mm



- 1: 2.400000000 GHz
86.389 Ω
31.802 $j\Omega$
- 2: 2.450000000 GHz
92.206 Ω
-14.250 $j\Omega$
- 3: 2.500000000 GHz
63.219 Ω
-38.382 $j\Omega$
- 4: OFF

MARKER TO PEAK

MORE