

WIFI DOBULE BAND 2.4/5.8G Antenna

MODEL: TH-95A



1. GENERAL DESCRIPTION

Model No
TH95A-SMA(M)

1.1 Electrical Properties

Parameter	Description
Frequency Band	2.4/5.2/5.7/5.8 GHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA 180° (Male)

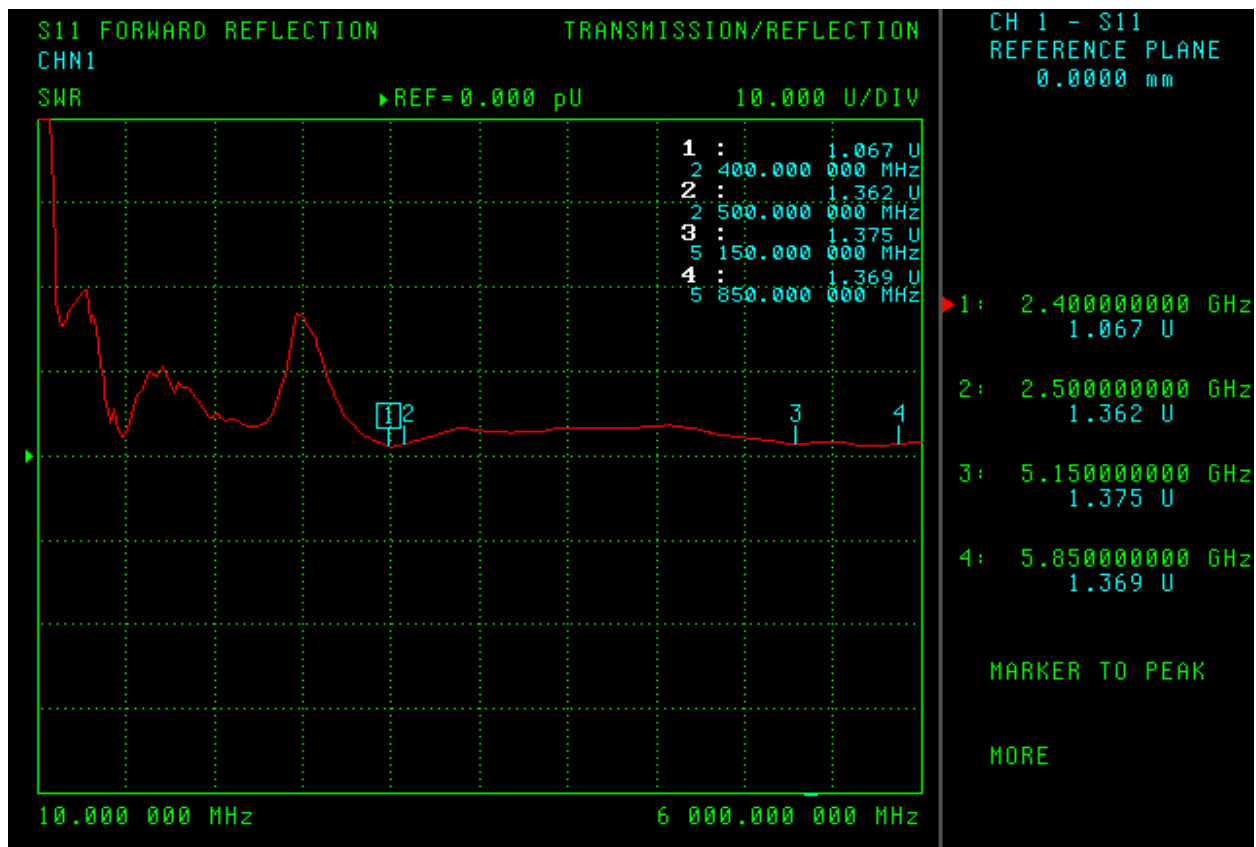
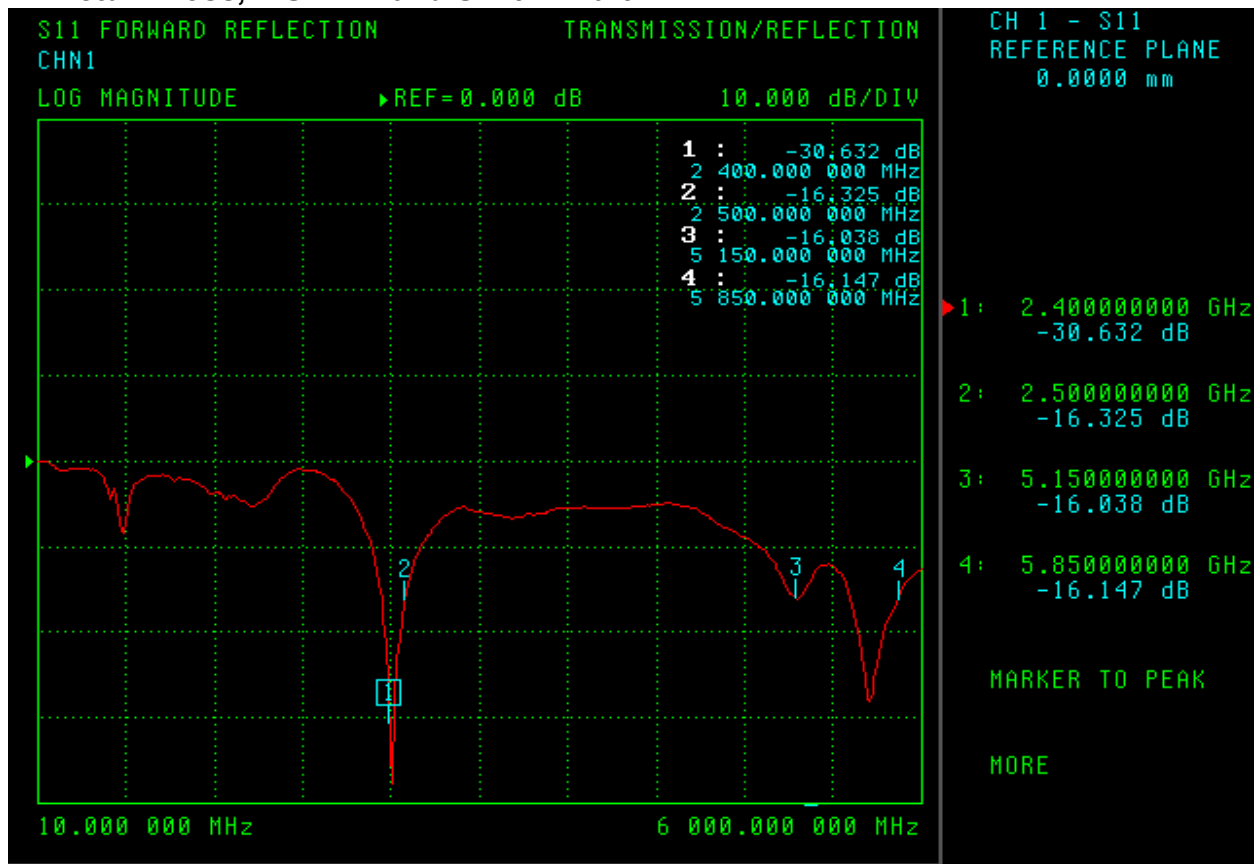
Antenna Dimensions	186mm±1
Antenna Color	Black
Operating Temperature Range	-20°C~+60°C
Storage Temperature Range	-30°C~+70°C

2. Appearance

NO.	NAME	FINISH	Q. TY
01	Core tube	Black	01
02	Fixed upper	Black	01
03	Fixed beneath	Black	01
04	Rivet	Nickel plating	02
05	SMA 180° (Male reverse)	Nickel plating	01

CUSTOMER'S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
	X. TX40.15	NAME	2.4GHz (5dBi)	V/M		20101213	1
SURFACE ROUGHNESS		APPEARANCE	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED

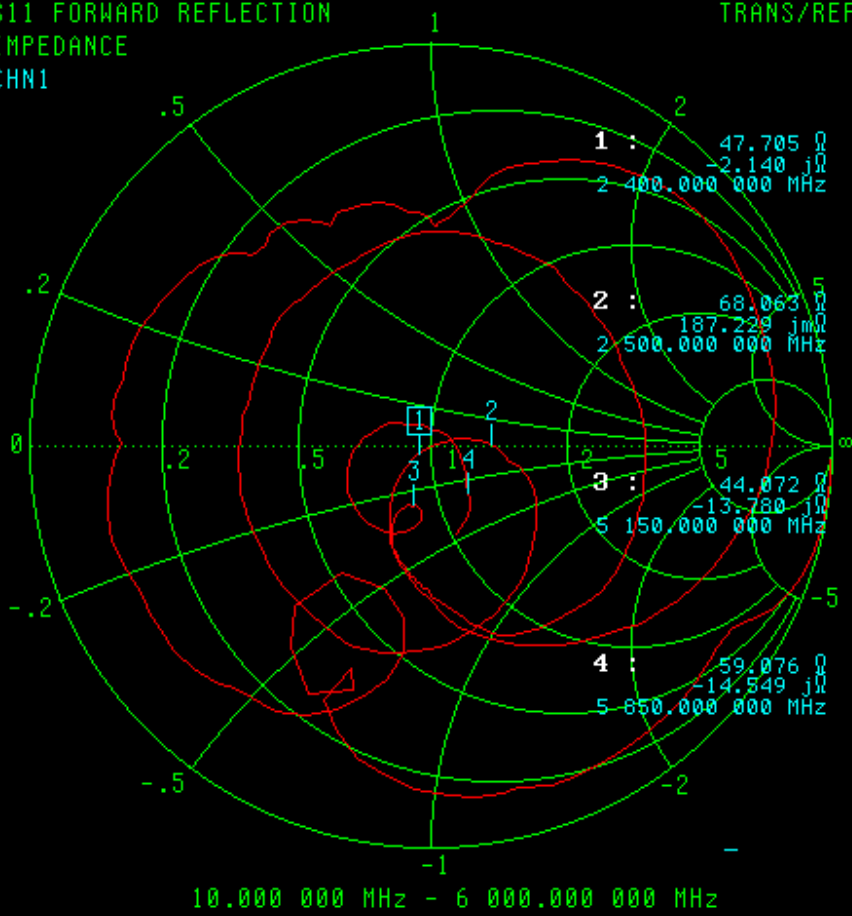
2. Return Loss, V.S.W.R. and Smith Chart



S11 FORWARD REFLECTION
IMPEDANCE
CHN1

TRANS/REFL

CH 1 - S11
REFERENCE PLANE
0.0000 mm



- 1: 2.400000000 GHz
47.705 Ω
-2.140 $j\Omega$
- 2: 2.500000000 GHz
68.063 Ω
187.229 $j\Omega$
- 3: 5.150000000 GHz
44.072 Ω
-13.780 $j\Omega$
- 4: 5.850000000 GHz
59.076 Ω
-14.549 $j\Omega$

MARKER TO PEAK

MORE