

5.8G Aerial machines Antenna

Model : TH-580A



1. GENERAL DESCRIPTION

P/N
TH-580A-SMA(M)

1.1Electrica Properties

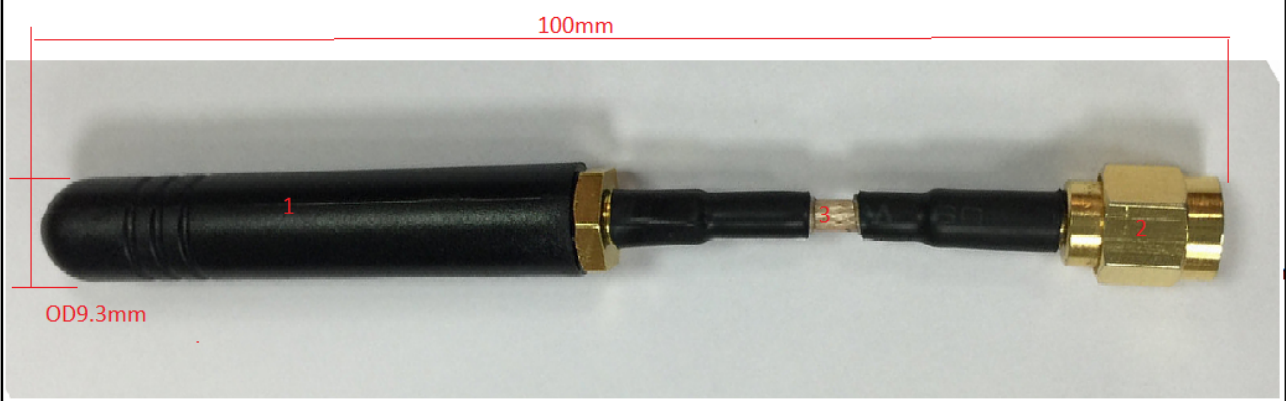
Parameter	Description
Frequency Band	5.6~5.85GHz
Nominal Impedance	50 ohm
Polarization	Vertical
Return Loss	Please See Data-1
V.S.W.R	2.0:1

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD9.3 x100mm±2
Antenna tube & Color	ASA – UV Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-30°C~+70°C
Waterproof	IPX6-7

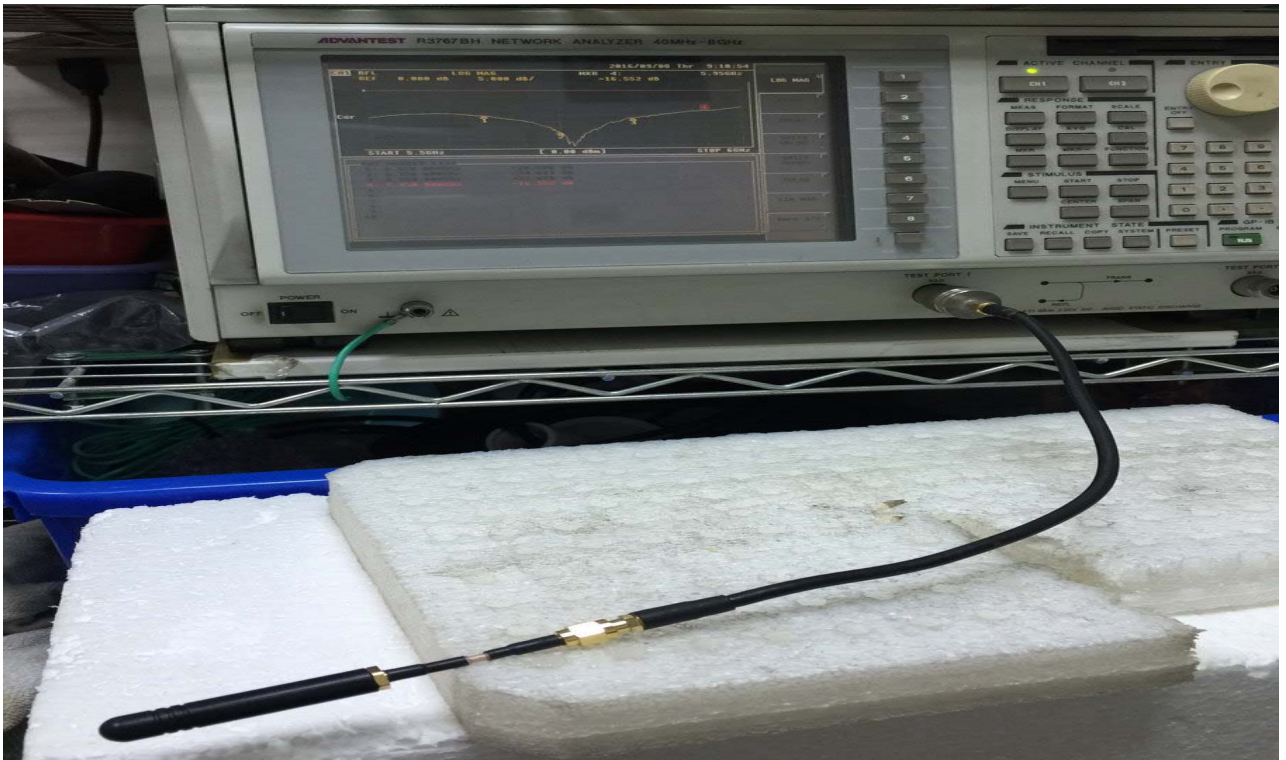
2. Appearance

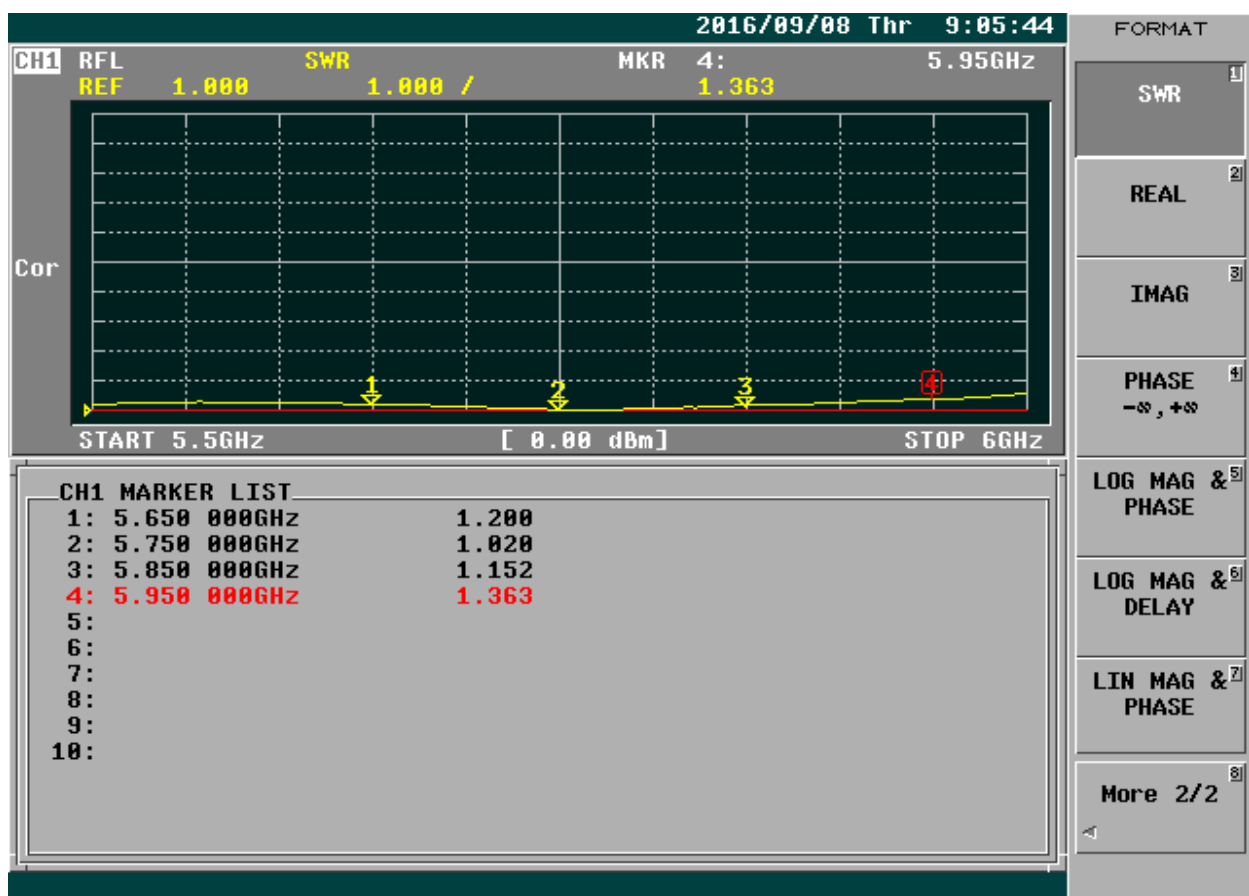
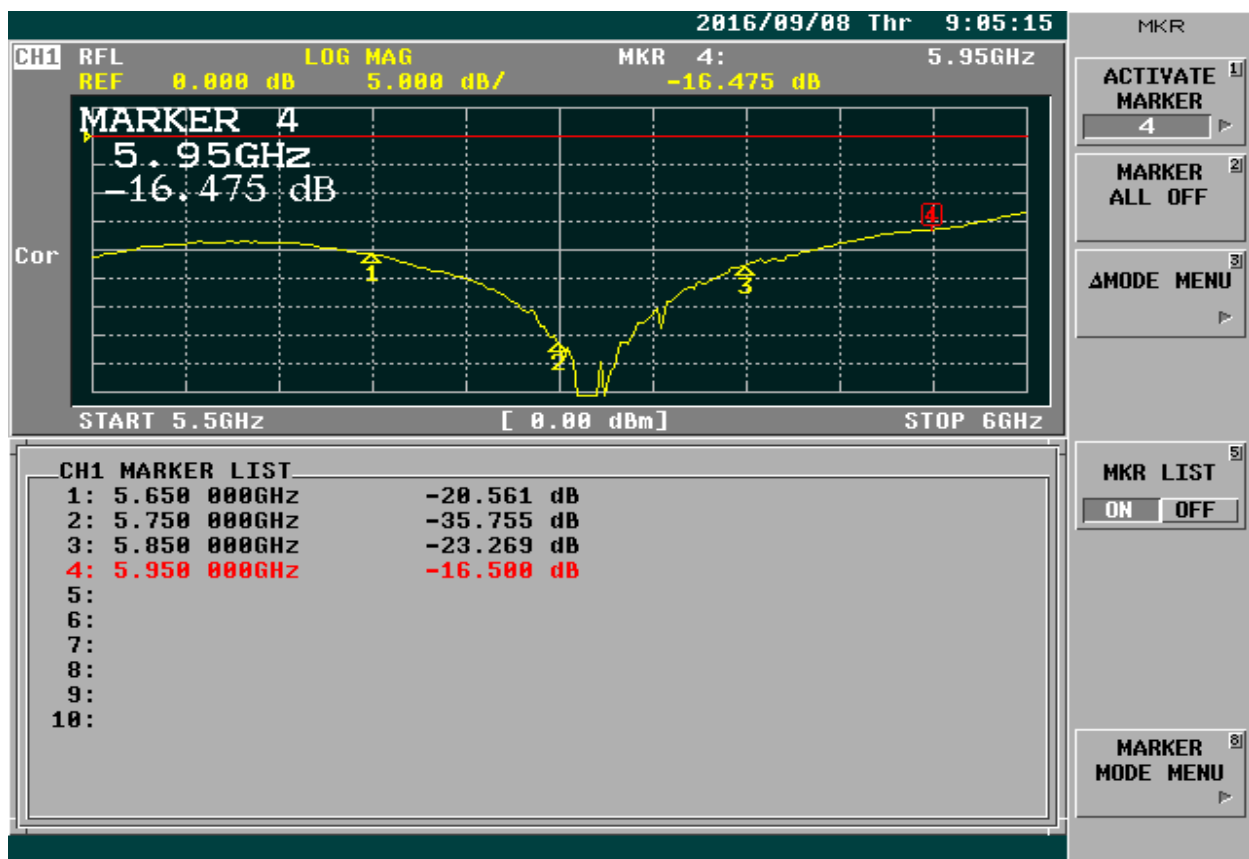
NO.	NAME	Q. TY
01	ASA Tube	01
02	SMA(M)	01
03	RG316	01

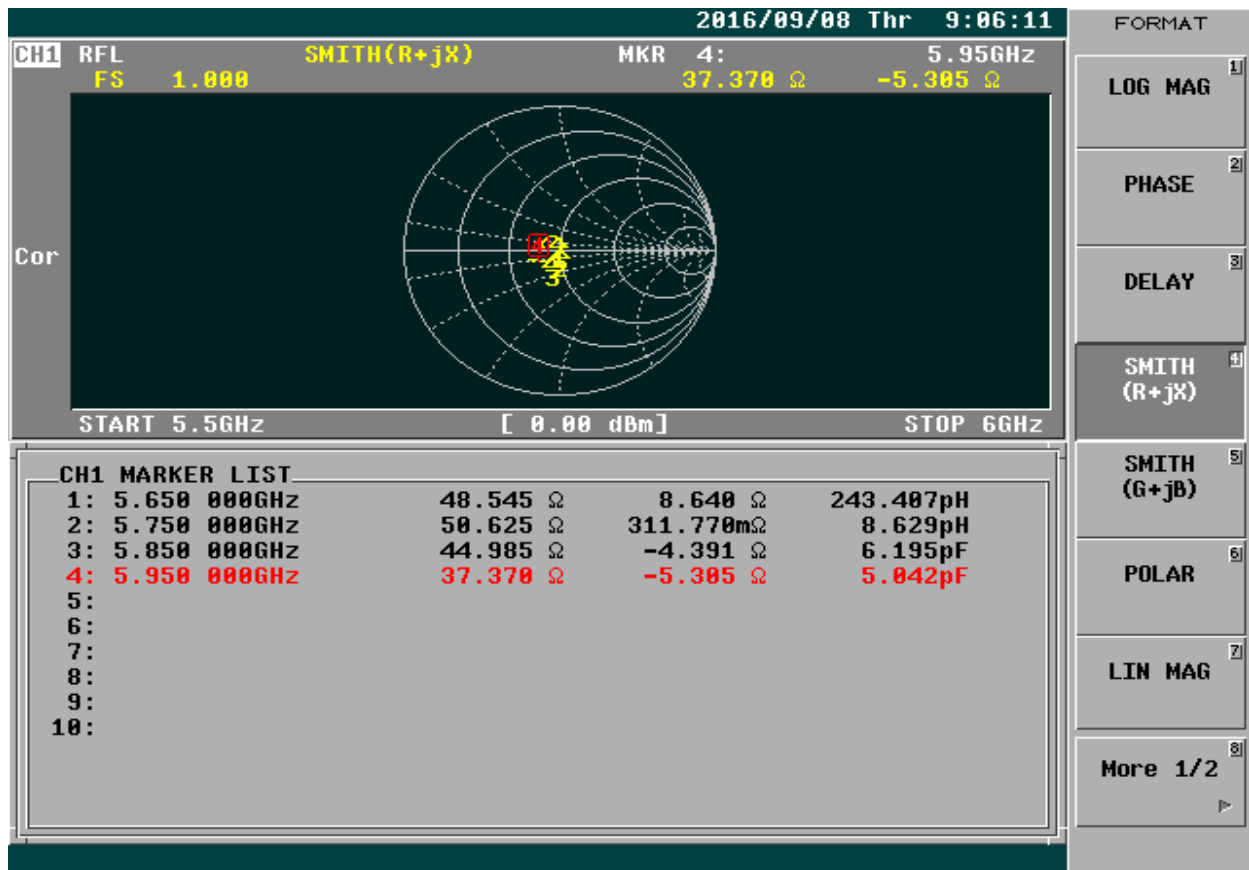


 Third angle projection	CUSTOMER' S	MODEL	PARTS NUMBER	FREQUENCY	UNIT	SCALE	DATE	VERSION
		TH-580A		5.6~5.85GHZ	M/M		20161004	1
	TOLERANCE	X. XX±0. 15	NAME	PARTS NUMBER	APPROVED	CHECKED	DRAWING	DESIGNED
	SURFACE ROUGHNESS		APPEARANCE					

3. FREQUENCY :







Frequency (MHz)	5600	5650	5700	5750	5800	5850	5900	5950
Peak Gain (dBi)	6.53	6.33	6.11	5.40	5.12	5.03	5.14	5.34
Efficiency (%)	71.51	72.44	76.88	74.83	72.86	69.91	72.11	73.60

