

ADS-B Mini Omni Antenna

MODEL: TH-1090B



1.. GENERAL DESCRIPTION

Model No	P/N
TH-1090B	TH1090B-N(M)

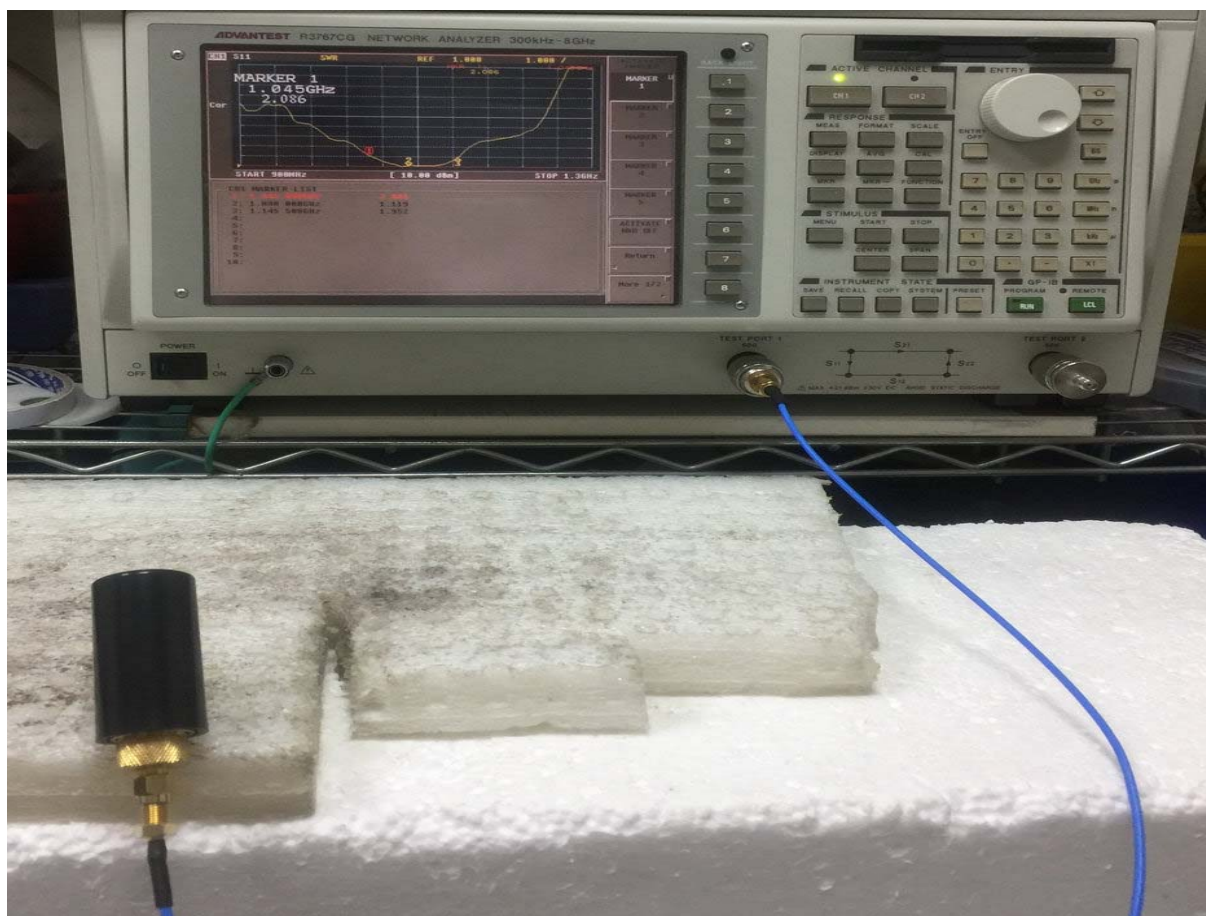
Below is a table summarizing the antenna design specification.

1.1 Electrical Properties

Parameter	Description
Frequency Band	1040-1140MHz (Fo:1090Mhz)
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 /4 λ
Admitted Power radiation	5W
V.S.W.R	2.0:1
Antenna Gain	0 dB
Note: Gain includes the cable loss	

1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	ABS
Touch Type	Screw Type
Connector Type	N(M)
Antenna Dimensions	55mm±0.5
Antenna Color	Black
Operating Temperature Range	-40°C~+80°C
Storage Temperature Range	-40°C~+80°C
Waterproof	IPX7
Weight	38g



VSWR Image measuring data for reference



