



TopGain

SPECIFICATION

DESCRIPTION	EXTERNAL ACTIVE ANTENNA
PART NO.	EABDS-5039-300R1-01
VERSION	V01

頂益科技有限公司

TOPGAIN TECHNOLOGY CO., LTD.

新竹市新源街 108 號 4 樓之 1

4F.-1, No.108, Xinyuan St., East Dist., Hsinchu City 300, Taiwan

TEL: +886-3-5722777

FAX: +886-3-5725777

Contents

1. Antenna Specification	3
2. Mechanical Dimension	4
3. Test Data	5~6

1. Antenna Specification

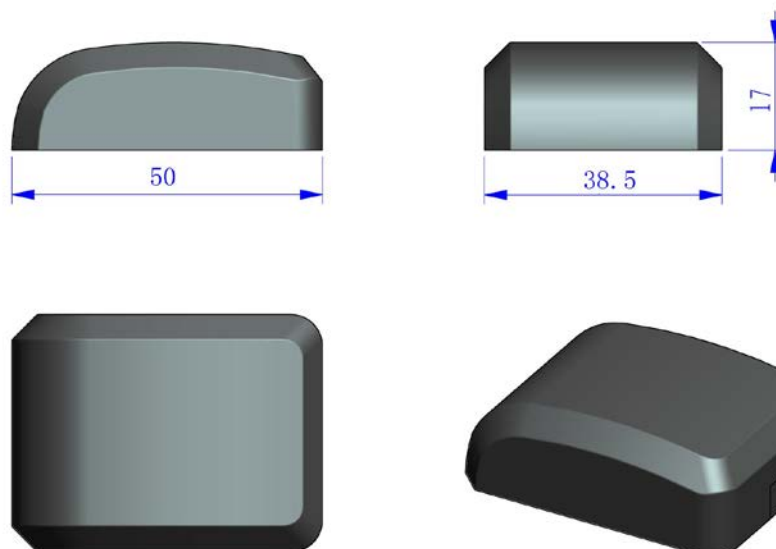
Center Frequency	1561.098&1575.42 MHz
Amplifiers Gain	27± 2dB (+25°C± 10°C)
VSWR	1.2 Max
DC current	7.5±2mA @DC3.3V
Working Temp(°C)	-30~+70
Waterproof level	IP67
Humidity	Humidity95%~100%RH
Noise Figure	<1.2
Axial Ratio	<3dB
Impedence	50 ohm
Polarization	RHCP
RF Cable	RG174
Line L Length	300±10 cm
Connector Type	SMA Plug

2. Mechanical Dimension

2.1 Picture

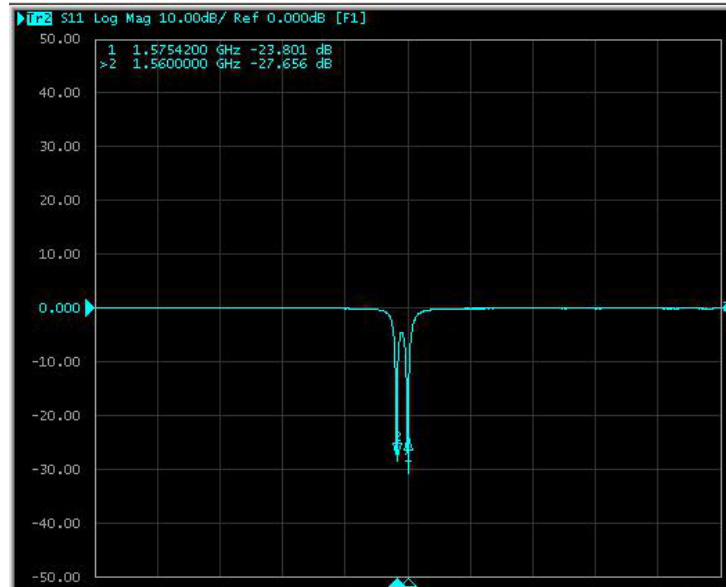


2.2 Housing

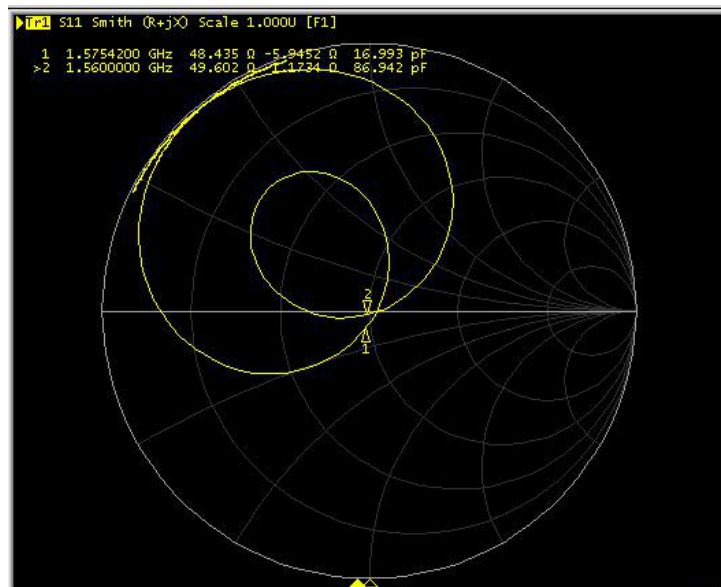


3. Test Data

3.1 Return Loss(S11)



3.2 Smith Chart (S11)



3.3 放大器增益曲線圖

