



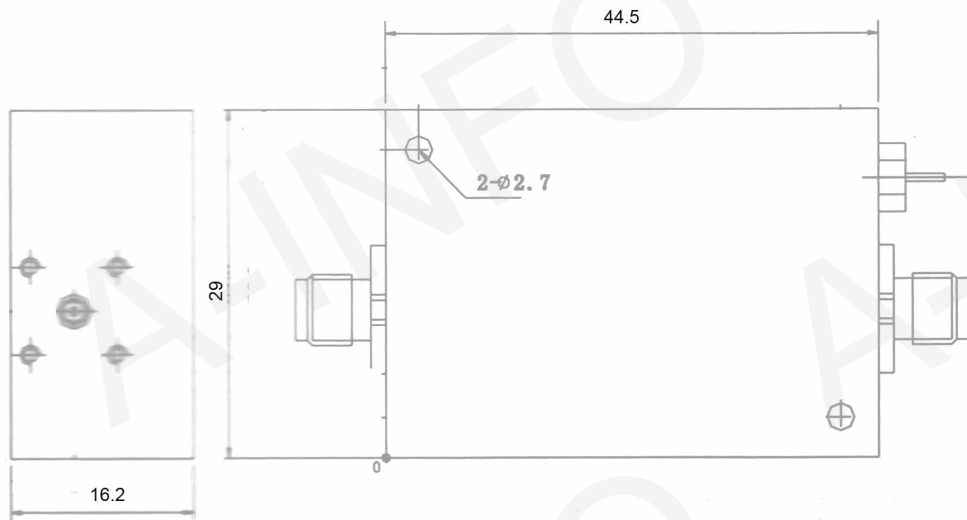
Test report is for reference only.

**TEST REPORT**  
**for**  
**JXWBLA-T-4000-6000**

## Technical Specification

<b>Frequency Range(GHz)</b>	4-6
<b>Gain(dB)</b>	30
<b>Pout@1dB(dBm)</b>	15
<b>Noise Figure(dB)</b>	2.0
<b>Input VSWR</b>	2.0
<b>Output VSWR</b>	2.0
<b>Power Supply(V)</b>	+12 DC
<b>Connector</b>	SMA-Female
<b>Operating Temperature(°C)</b>	-40 ~ +70
<b>Storage Temperature(°C)</b>	-55 ~ +80
<b>Size(mm)</b>	49 x 34.5 x 18.2 approx.

## Outline Drawing



## Test Instruments

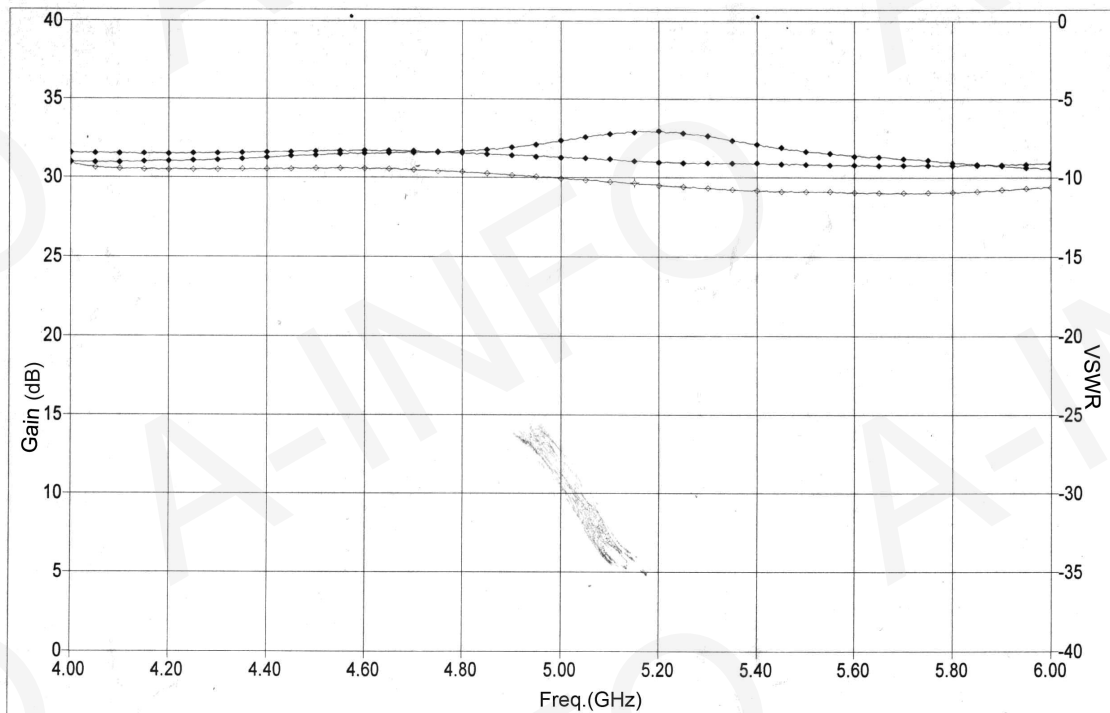
- HP8350B
- HP8756A
- HP8562A
- HP8970B
- HP8971C

## Test Results

### 1. Pout@1dB & Noise Figure

Frequency(GHz)	4.00	4.50	5.00	5.50	6.00
Pout@1dB(dBm)	15.50	15.60	15.00	15.30	15.00
Noise Figure(dB)	1.90	1.90	1.70	1.60	1.70
Operating Temperature(°C)	-40 ~ +70				
Power Supply(V/mA)	+12/140				

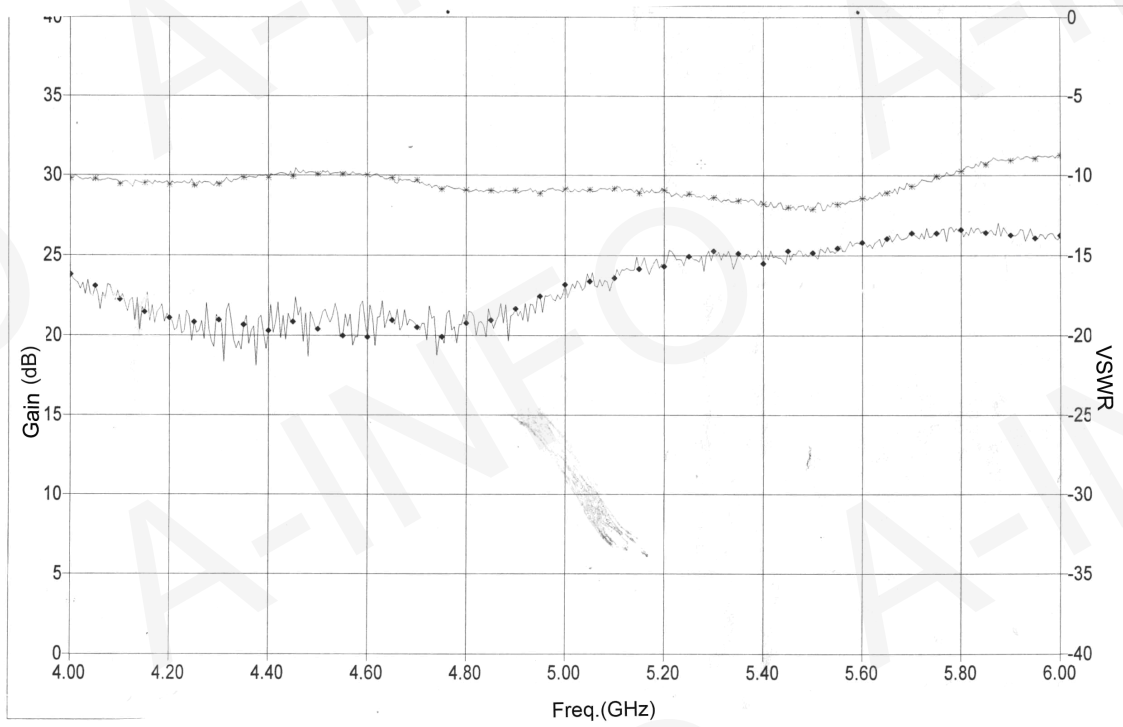
### 2. Gain



Frequency(GHz)	4.00	4.50	5.00	5.50	6.00
Gain(dB)	30.96	31.40	32.33	31.64	30.58

	Frequency(GHz)	Gain(dB)
Max Gain(dB)	5.18	32.95
Min Gain(dB)	5.98	30.55
Gain Flatness(dB)	2.41	

**3. VSWR**



Frequency(GHz)	4.00	4.50	5.00	5.50	6.00
VSWR	-10.20	-9.93	-10.87	-12.10	-8.73