

DATA SHEET

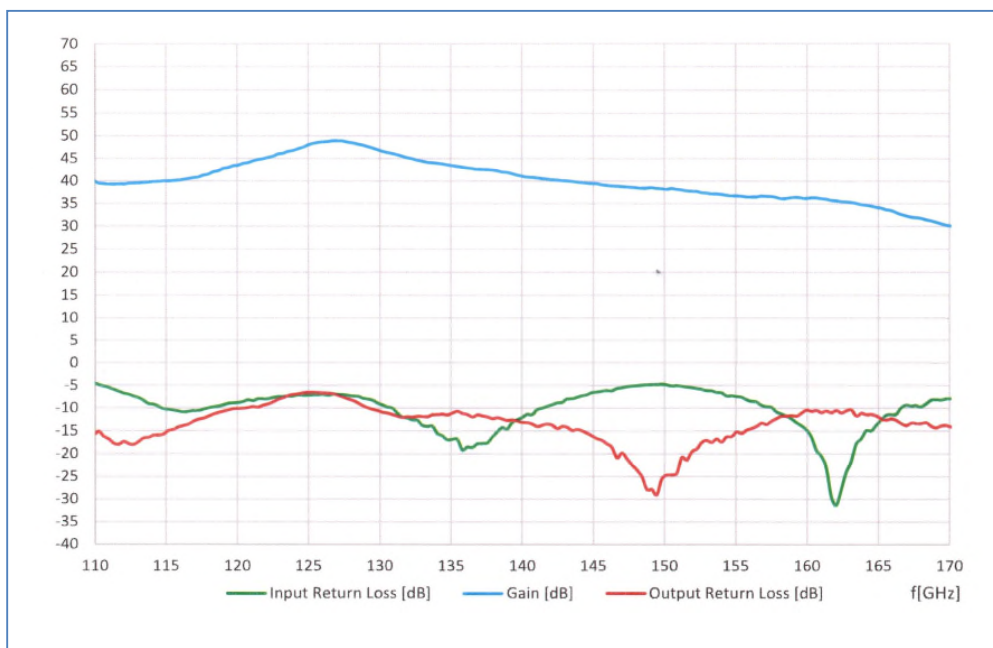
P/N: THZLNA-06FBH S/N: 25112303/04

Parameters	Specifications
Frequency	110-170 GHz
Gain	30 dB typical
Noise Figure	4.5 dB typical @ 140 GHz
P1dB	-5 min, 0 dBm typical
Waveguide I/O	WR6.5 ; UG387/U-M
DC Voltage	3 V
DC Current	80 mA typical

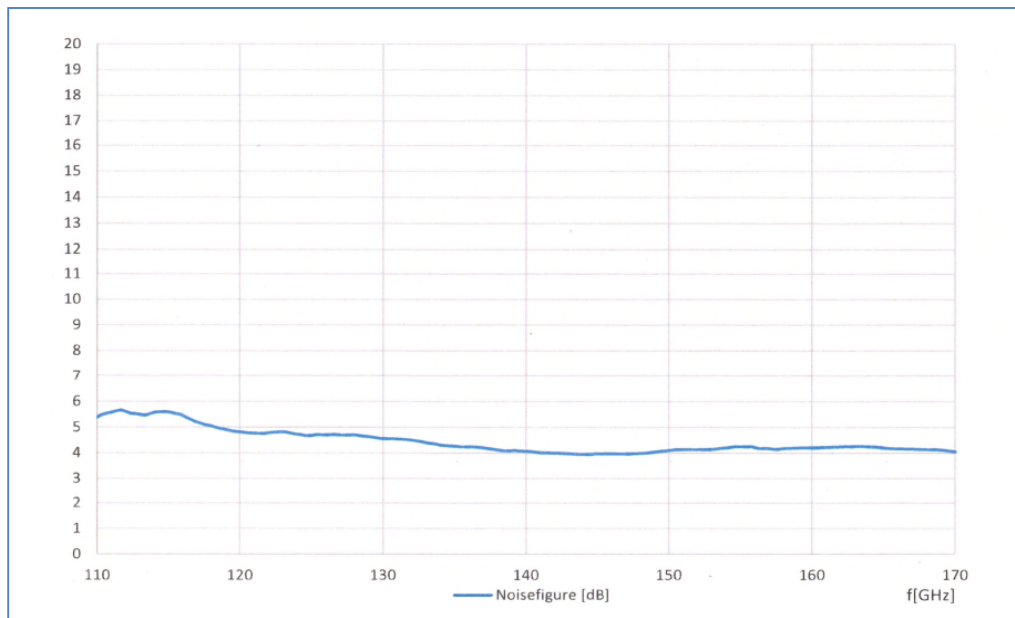
1. Absolute Maximum Ratings:

- DC Voltage : 7 V
- **RF input : -50 dBm max**
- Baseplate Temperature: 45 °C
- **DO NOT OPERATE WITHOUT APPROPRIATE COOLING**
- **DO NOT EXCEED RF and DC Input Power Maximum**
- Caution: ESD sensitive! Anti-static precautions at all times during use

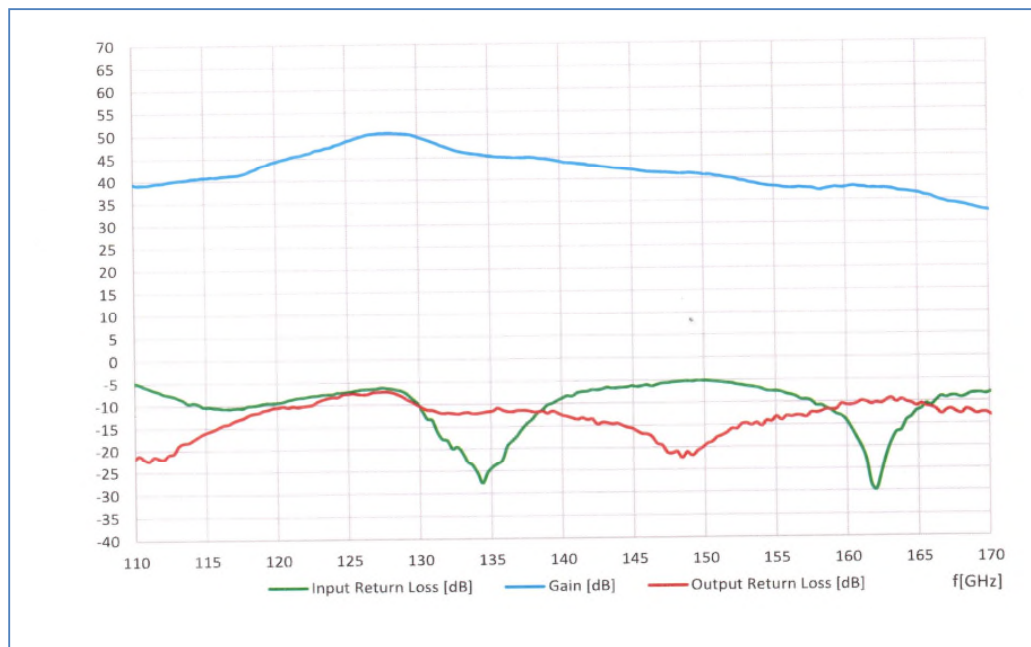
2. Test Data : Gain & Noise Figure S/N 25112303



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3. Test Data : Gain S/N 25112304



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3.contd Test Data : Noise Figure S/N 25112304

