



AT-BTAM4-3567-15XC2

Active Multiplier x4, 35-67GHz Pout=+15dBm

Active X4 Frequency Multiplier, Pout=+15dBm

Bench-top Test Equipment, 1.85mm Female



Description:

AT-BTAM4-3567-15XC2 is a broadband frequency multiplier. The multiplier has an input frequency of 8.75-16.75 GHz with a typical output +15dBm from 35-67GHz.

The integrated input and output buffers deliver high output power at a low drive level. The multiplier also has a typical harmonic suppression. The input port is SMA female, and the output is 1.85 mm Female. Other port configurations are available under different requirement.

For more information, please visit www.atmicrowave.com

Feature

- ✓ Frequency: 35-67GHz
- ✓ Pout: +15dBm typical
- ✓ Input: 8.75-16.75GHz
- ✓ Low Harmonics

Application

- ✓ 28/39GHz 5G Communication
- ✓ Test Equipment
- ✓ ROF (RF Over Fiber)
- ✓ Radar System

Electronical Specifications:

Parameter	Min	Typical	Max
Input Frequency	8.75GHz		16.75GHz
Input Power	+12	+13dBm	+16
Multiplier Factor		X4	
Output Frequency	35GHz		67GHz
Output Power	+13	+15dBm	
Drain Voltage	90V	220V	260V
Power Consumption		20W	
Spec Temp		25C	





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Mechanical Information

Item	Description
Input Port	SMA Female
Output Port	1.85mm Female
Case Material	Aluminum
Finish	Painting
Weight	1.6kg
Size:	See outline

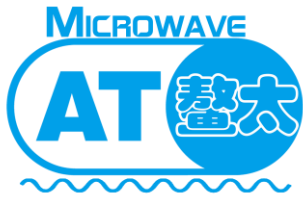
Absolute Maximum Ratings Table

Parameter	Value
Drain Supply	+260V
RF Input Power	+20dBm
Operating Temperature	-20 to +70C
Storage Temperature	-65 to +150C

Notes:

- ✓ Datasheet may be changed according to update of MMIC, Raw materials , process, and so on.
- ✓ This data is only for reference, not for guaranteed specifications.
- ✓ Please contact AT Microwave team to make sure you have the most current data.
- ✓ Always pay attention to the temperature of the case, heatsink and fan are required if case temperature exceeds over 50C.

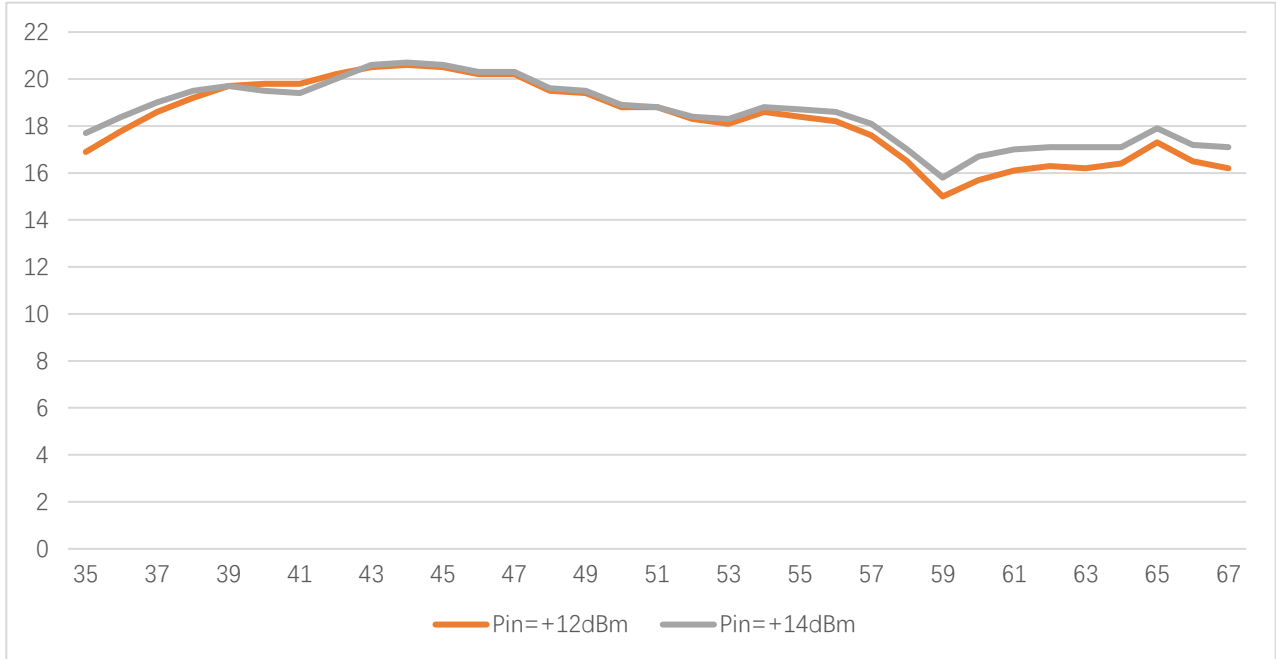




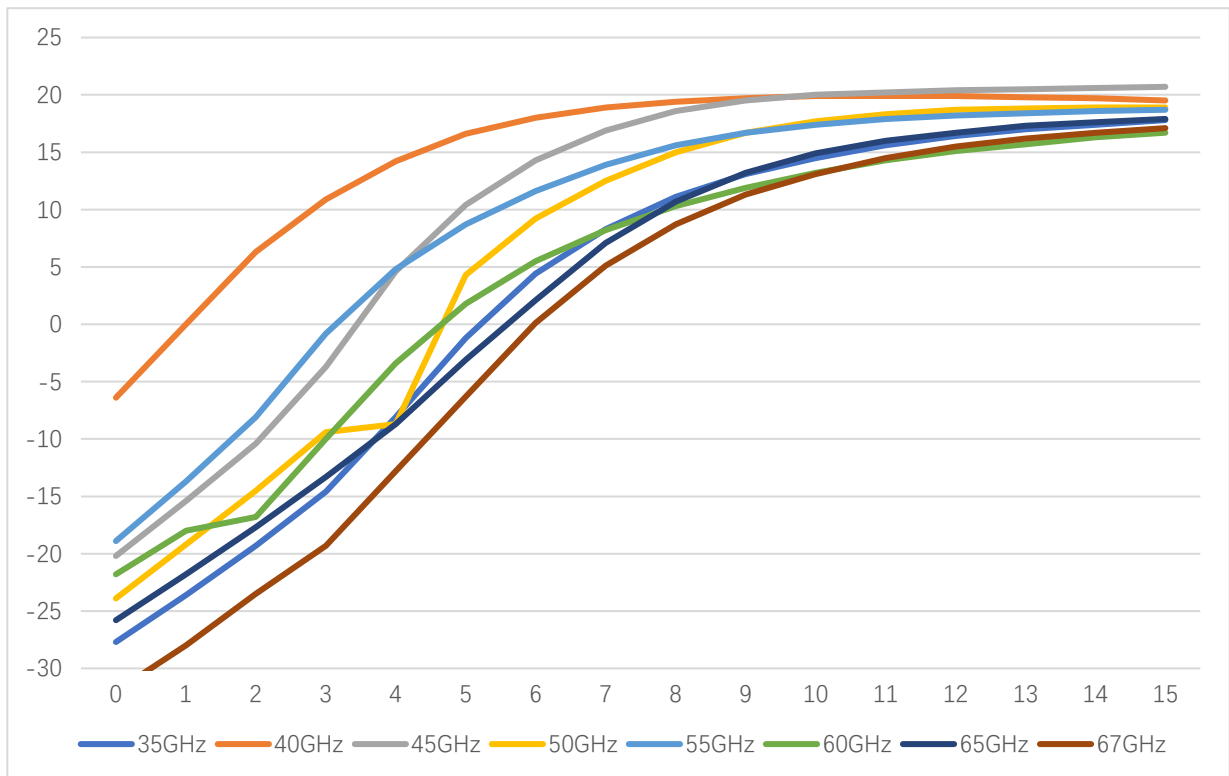
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Test Data:

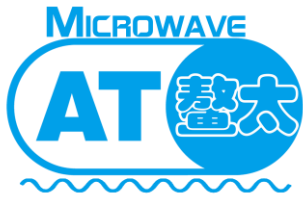


Pout vs Frequency



Pout vs Pin





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Dimension: (Unit:mm)

