

## ADS-B BAND PASS FILTER



### TECHNICAL DATA SHEET

### OPA\_BPADSB

OPA\_BPADSB is a 1075-1105MHz SAW Band Pass Filter for ADS-B Band application.

#### Features:

- Center Frequency: 1090MHz
- Bandwidth: 30MHz
- Insertion Loss: 1.9dB
- Input / Output Impedance: 50Ω
- Maximum Input Power: +10dBm
- SAW Technology
- SMA Connector

#### Specifications @ +25 °C, ZS = ZL = 50

Parameter	Unit	Minimum	Typical	Maximum
Frequency Range	<b>MHz</b>	1075		1105
Center Frequency	<b>MHz</b>		1090	
Insertion Loss	<b>dB</b>		1.9	
Return Loss @ Fo	<b>dB</b>		15	
Rejection at 700 MHz	<b>dB</b>		30	
Maximum Input Power	<b>dBm</b>		+10	
Maximum Input DC voltage	<b>V</b>		0	
Input/output impedance			50	

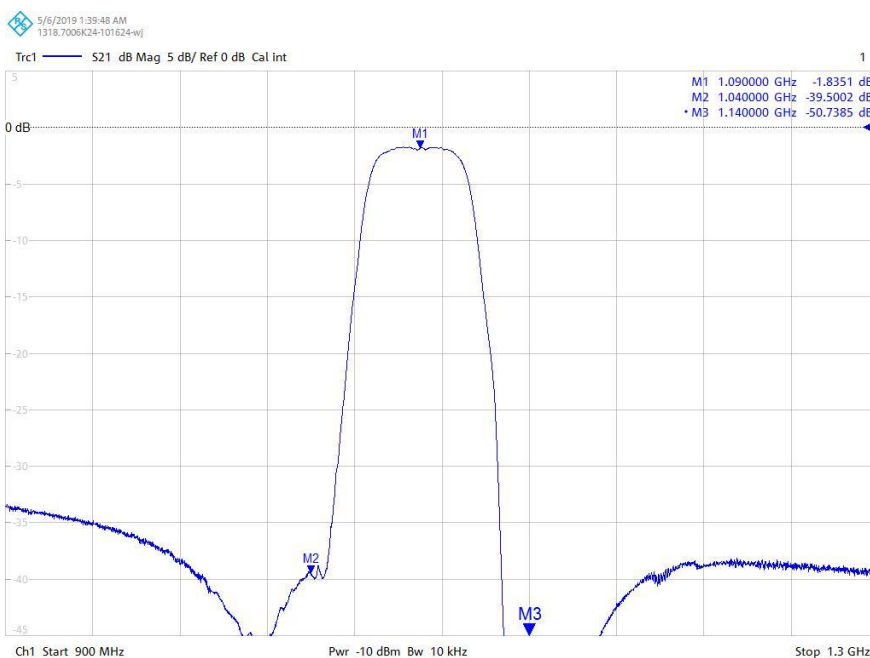
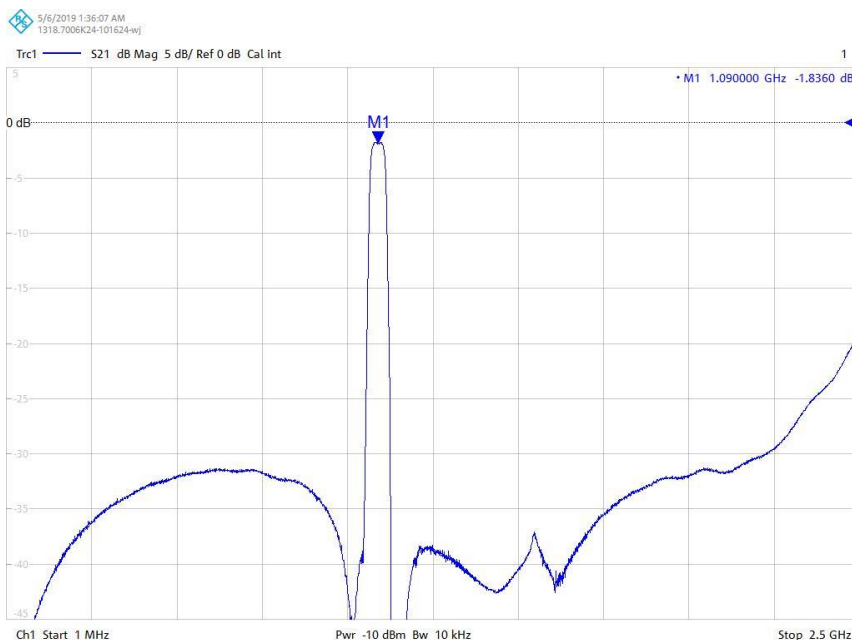
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### Typical performance data:



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### Absolute Maximum Ratings

Parameter	Absolute Maximum
RF Input Power	+10dBm
DC Input Power	0V
Operating Temperature	-40°C to +85°C
Storage Temperature	-55°C to +85°C

### Outline

