



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Preliminary Datasheet

3300 MHz Cavity Bandpass Filter

Part Number: AE3300B12195



Electrical specifications

Center Frequency: 3300 MHz

Passband: 3100 – 3500 MHz

Insertion Loss in Passband: 1.5 dB Nom

Return Loss in Passband: 15 dB Nom

Rejection: 60 dB Nom @ DC - 2755.5 MHz

Rejection: 60 dB Nom @ 3762 - 7000 MHz

Impedance: 50 Ohms In/Out

Power Handling: 45 W CW

Mechanical

Mounting: TBD

Connector Type: SMA (F)

Dimensions: Approx. 5.5 x 0.85 x 0.85 in

Environmental

Operating Temperature: -45°C to +85°C

Storage Temperature: -55°C to +95°C

Shock: 20 G. 11ms

Vibration: 20 G. 5 to 2000 Hz

Outline Drawing:

Approximate Size: 5.5 x 0.85 x 0.85 in

DS-B12195-10182024-Rev1



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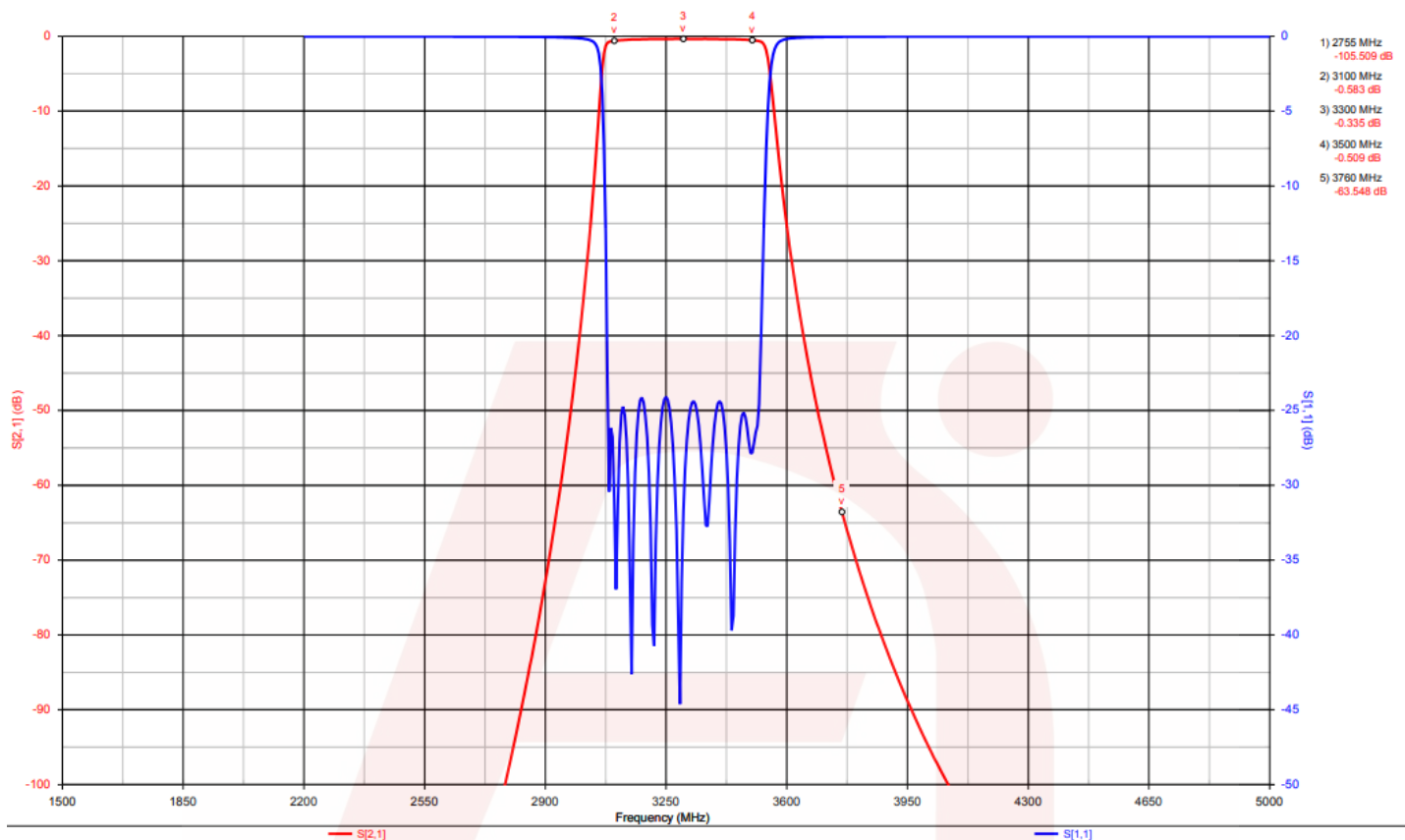
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Narrow Simulation Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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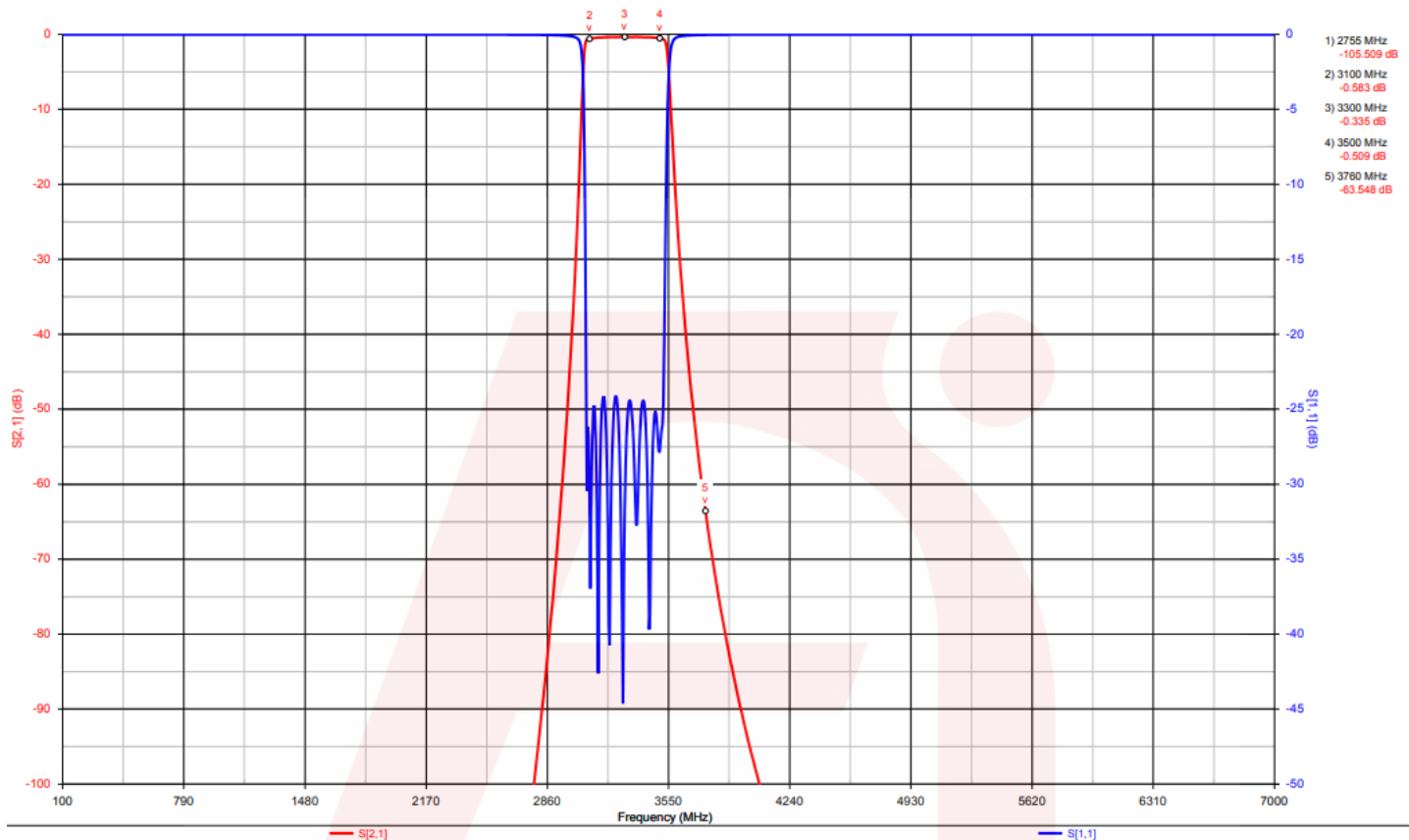
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Wide Sweep Simulation Plot:



Note: This is a simulation plot. Actual results may differ once the product is implemented.

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