



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

Preliminary Datasheet

2500 MHz High Pass Filter

Part Number: AE2500H9959



Electrical specifications

Cutoff Frequency: 2500 MHz

Passband: 2750 – 10000 MHz

Insertion Loss @ Cutoff: 3.0 dB Max

Passband Insertion Loss: 1.0 dB Max

Rejection: 40 dB Min @ 2400 MHz

30 dB Min @ 2450 MHz

Impedance: 50 Ohms In/Out

Power: 2 W CW

Mechanical

Connector Type: SMA (F)

Dimensions: Approx. 2.0 x 0.5 x 0.5 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 2000Hz

Outline Drawing:

Approximate size is 2.0 x 0.5 x 0.5 inches.

DS-H9959-06212024-Rev0

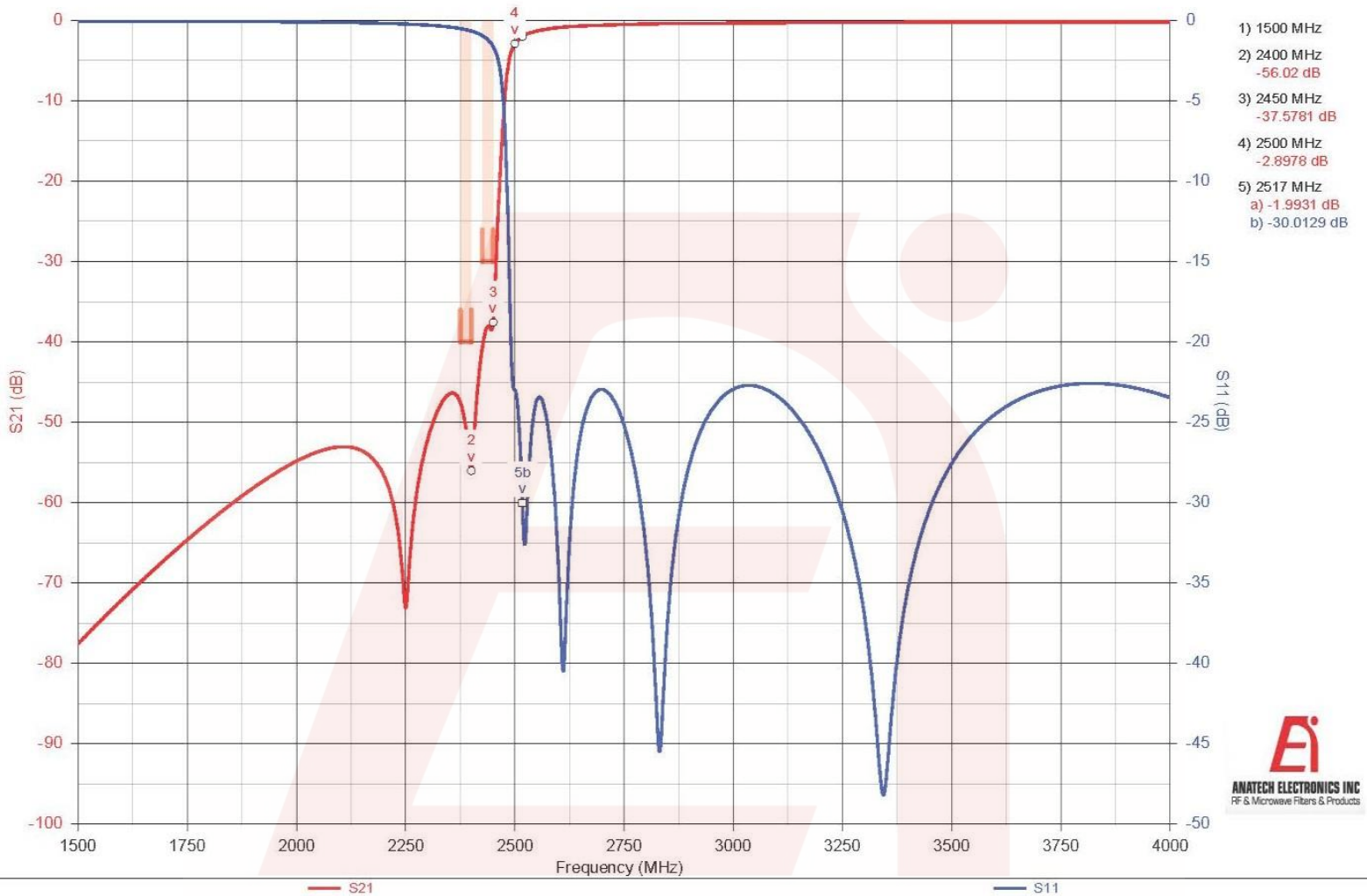


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Simulation Plot:



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

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