ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1750-2100 MHz / 2200-2275 MHz Cavity Diplexer

Part Number: AE1925-2237D488

ISO 9001 REGISTERED FIRM

Electrical Specifications

Rx Band: 1750-2100 MHz
Rx Bandwidth: 350 MHz
Tx Band: 2200-2275 MHz
Tx Bandwidth: 75 MHz
Insertion Loss: 1.5 dB Max
Return Loss: 15 dB Min
Isolation: ≥80 dB @ 1750-2100 MHz
≥80 dB @ 2200-2275 MHz
Power Handling: 25 W

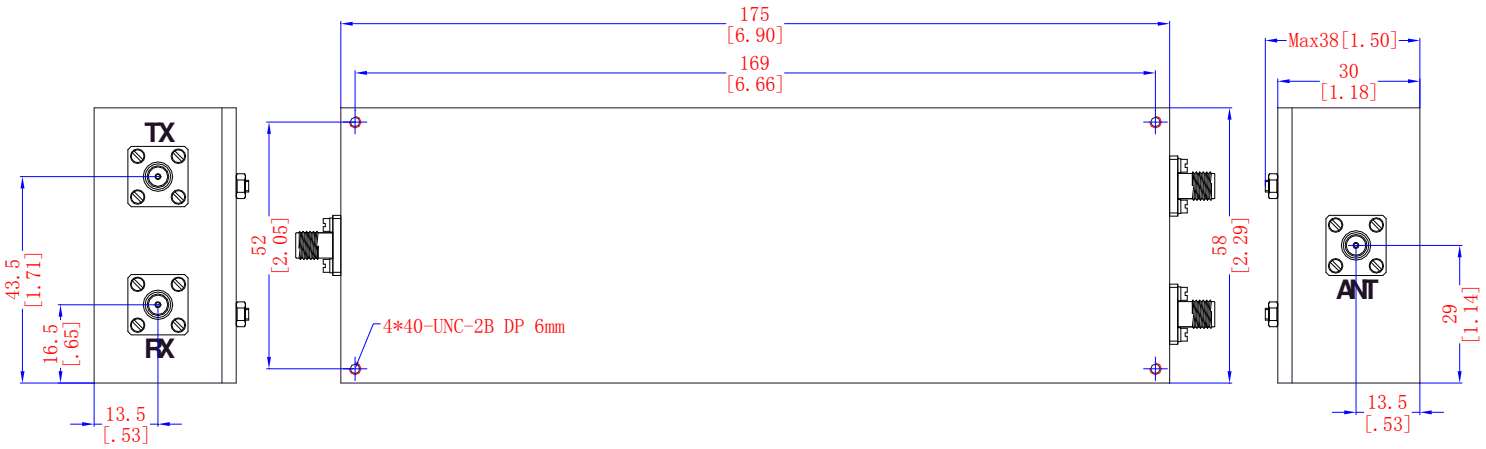
Mechanical

Connector Type: SMA (F)
Dimensions: 6.90 x 2.29 x 1.50 Inches

Environmental

Operating Temperature: -55 to +95° C
Storage Temperature: -65 to +125° C
Shock: 20 G. 11 ms
Vibration: 20 G. 5 to 200 MHz

Outline Drawing:



70 Outwater Lane
Garfield, NJ 07026
Phone: (973) 772-4242
Fax : (973) 772-4646
Email: sales@anatechelectronics.com
Web: www.anatechelectronics.com

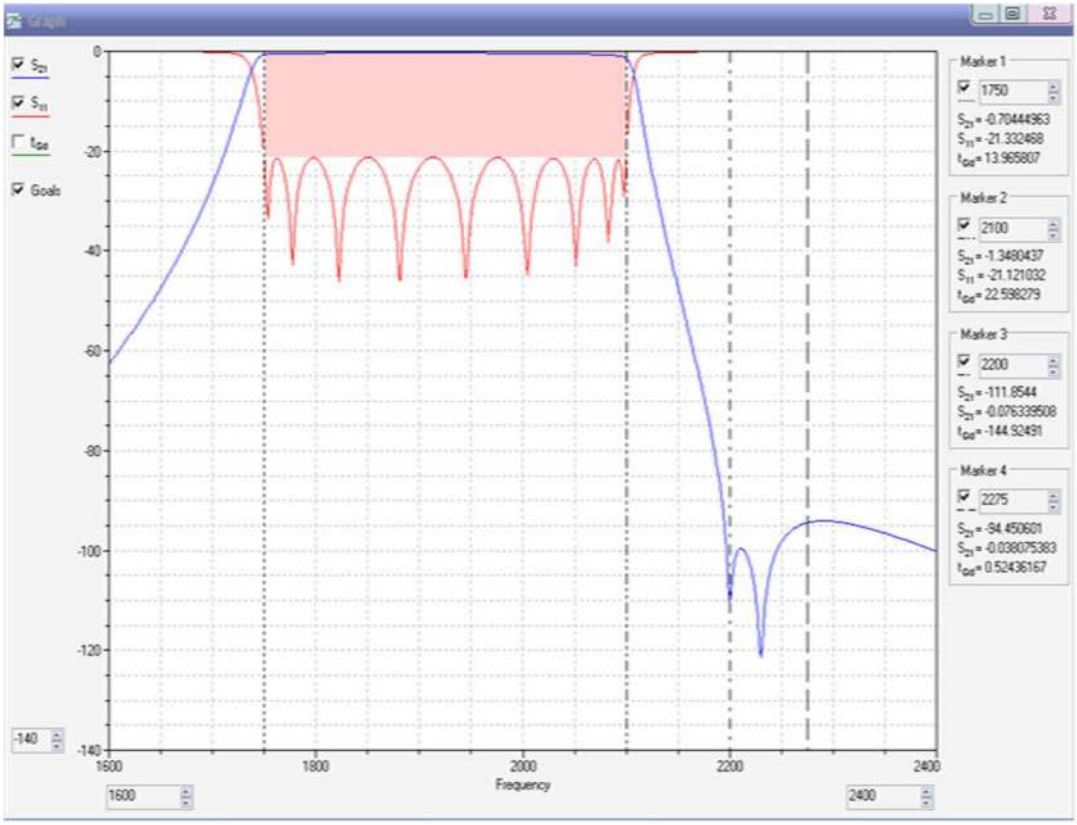
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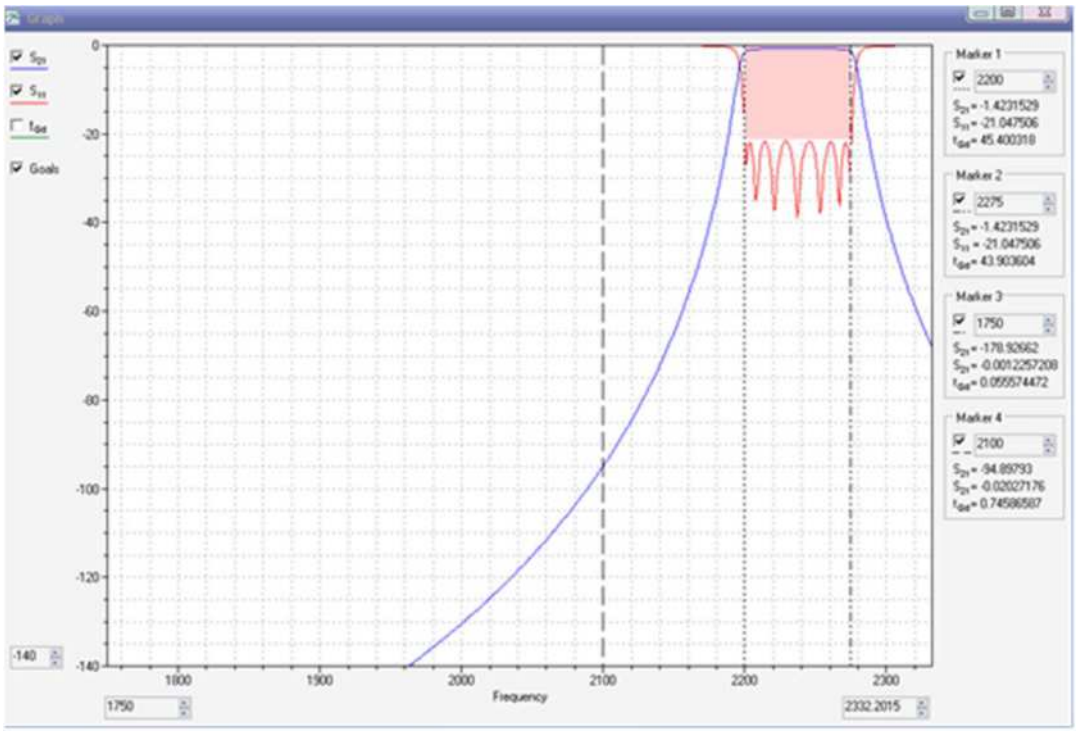
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Response Plot:





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

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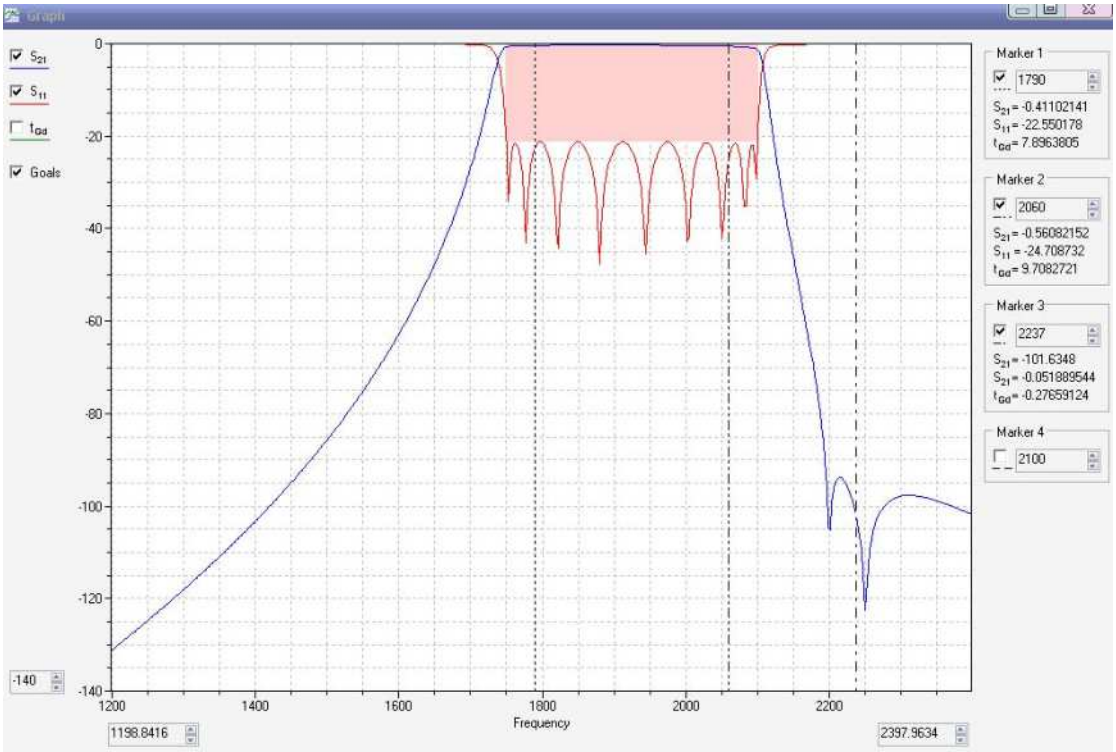
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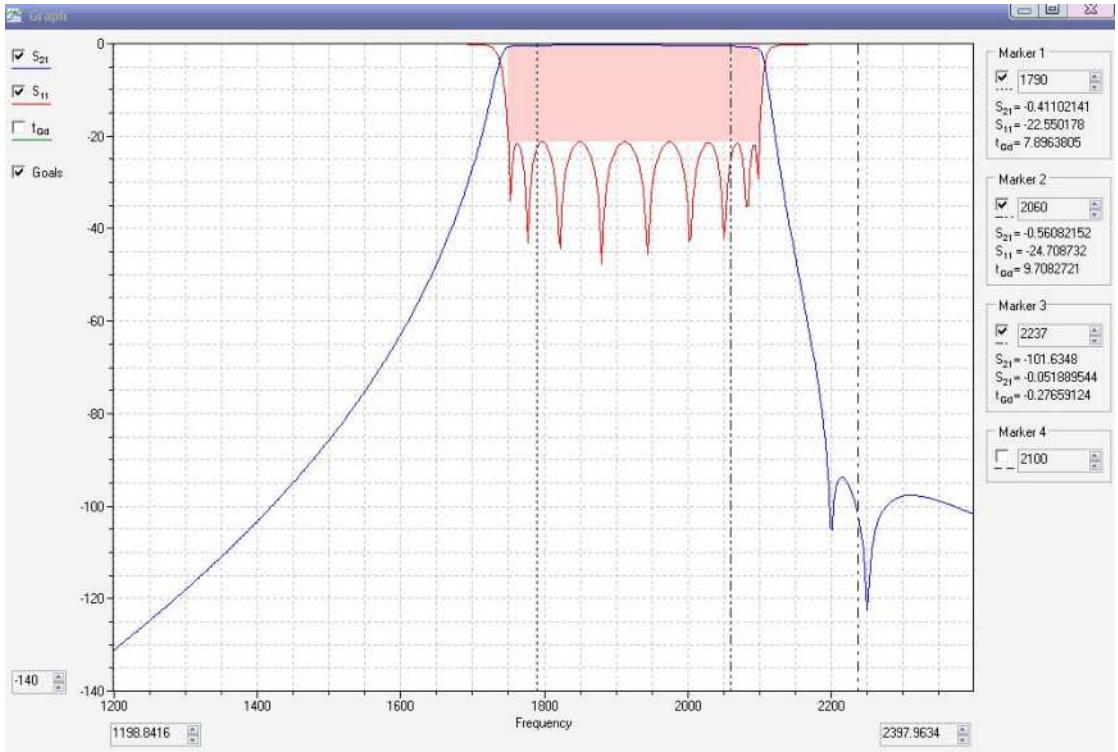
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