ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

1800 MHz Cavity Bandpass Filter

Part Number: AB1800B492

ISO 9001 REGISTERED FIRM

Electrical specifications

Center Frequency: 1800 MHz
Bandwidth: 100 MHz
Input / Output Impedance: 50 Ohms
Passband: 1750-1850 MHz
Passband Insertion Loss: ≤ 0.25 dB
Passband Ripple: ≤0.2 dB
Passband Return Loss: ≥15 dB
Rejection: ≥30 dB @ 2200-3500 MHz
Rejection 2: ≥70 dB @ 3500-3700 MHz
Rejection 3: ≥20 dB @ 5250-5550 MHz
Power Handling: 750 W max

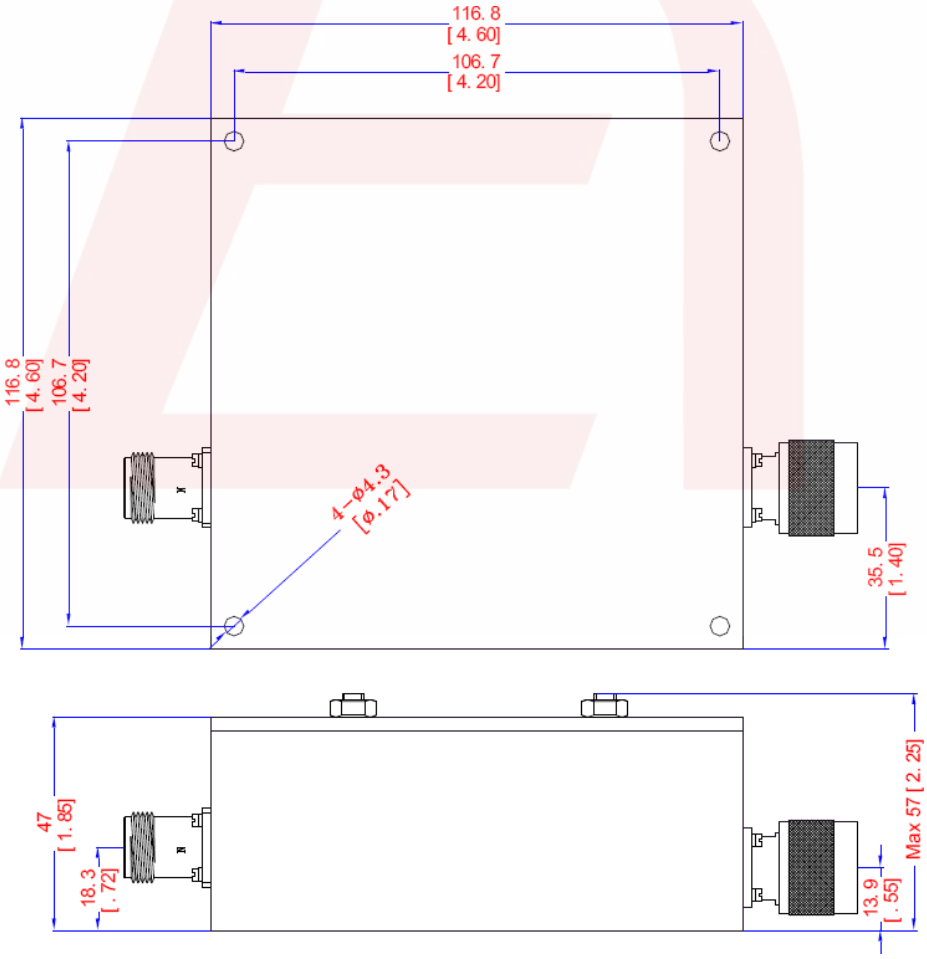
Mechanical

Mounting Method: Threaded Mounting Holes
Connector Type: N-Type (F) and N-Type (M)
Dimensions: 4.6 x 4.6 x 2.25 inches

Environmental

Operating Temperature: 10 to 50 deg.C
Storage Temperature: -55 to +95 deg.C
Shock: 20 G. 11ms
Vibration: 20 G. 5 to 200 Hz

Outline Drawing:



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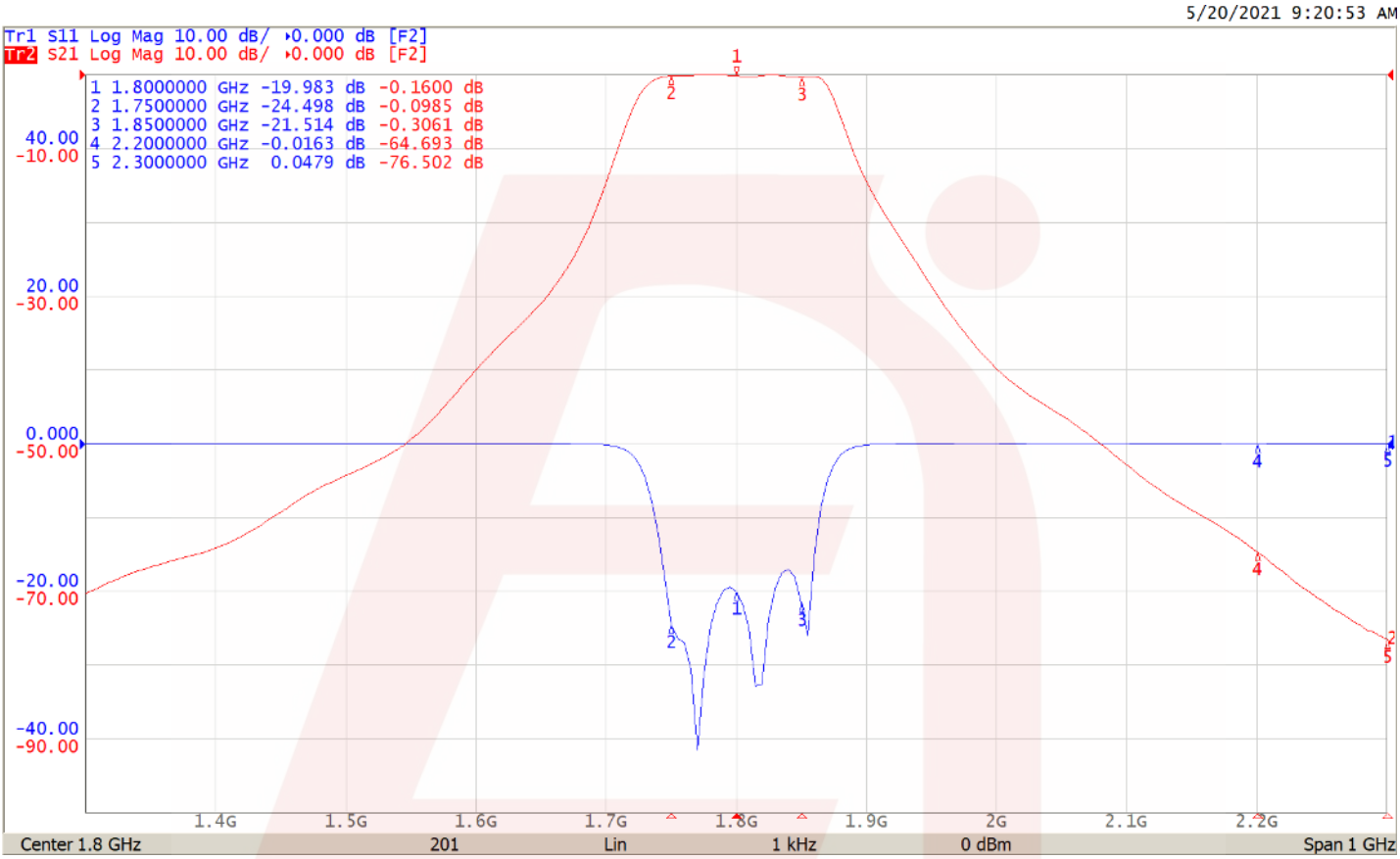
Response Plot:



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