



# 400 / 433 / 1500 MHz Cavity Triplexer



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

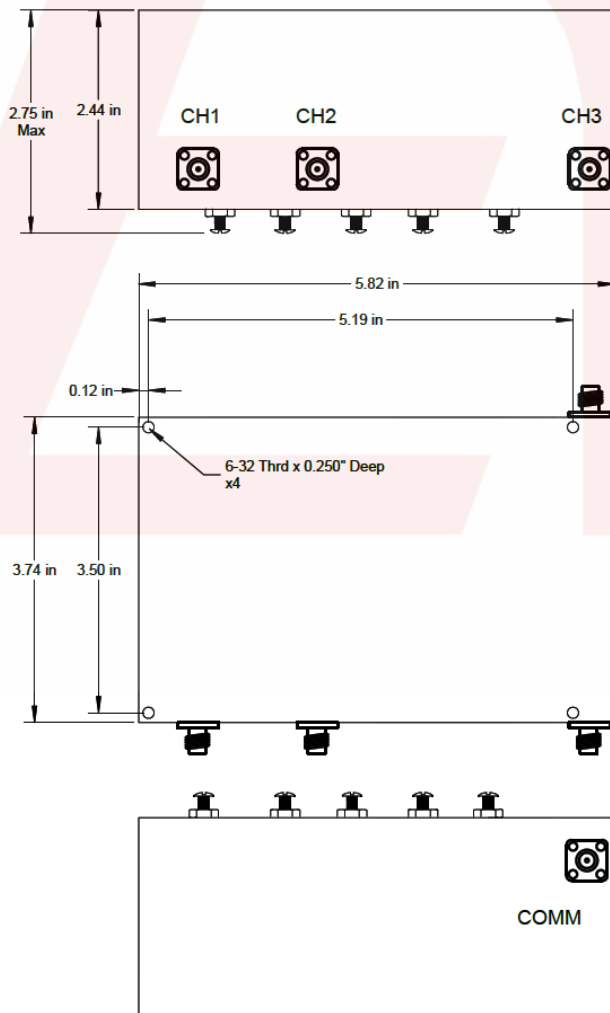
**Part Number: AE400-433-1500TR1293**

Characteristics	CH1	CH2	CH3
Center Frequency	400 MHz	433 MHz	1500 MHz
Bandwidth	2 MHz	2 MHz	1200 MHz
Frequency range:	399 – 401 MHz	432 – 434 MHz	900 – 2100 MHz
Insertion loss:	1.0 dB Max	1.0 dB Max	1.0 dB Max
Return Loss	14 dB Min	14 dB Min	12 dB Min
Isolation:	80 dB Min		
Impedance:	50 Ohms In/Out		
Power:	30 W CW		

Mechanical	
Connector Type:	SMA Female
Dimensions:	5.82 x 3.74 x 2.75 in

Environmental	
Operating Temperature:	-0 to +60 deg.C
Storage Temperature:	-45 to +85 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

## Outline Drawing:



DS-TR1293-06292023-Rev0



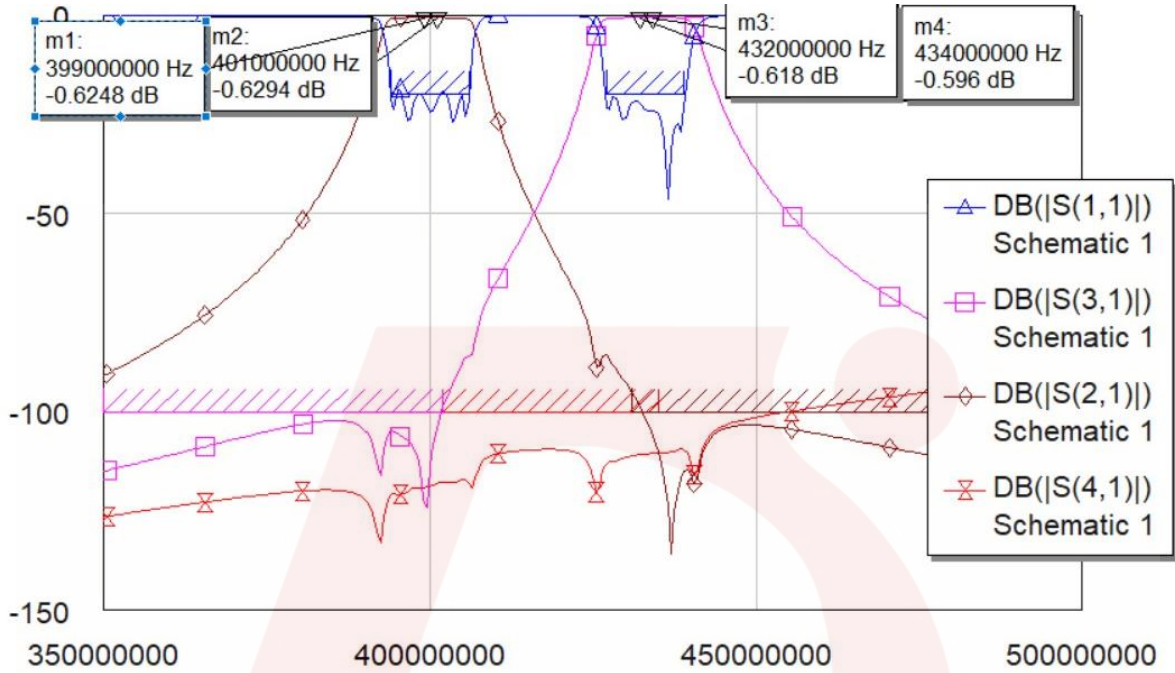
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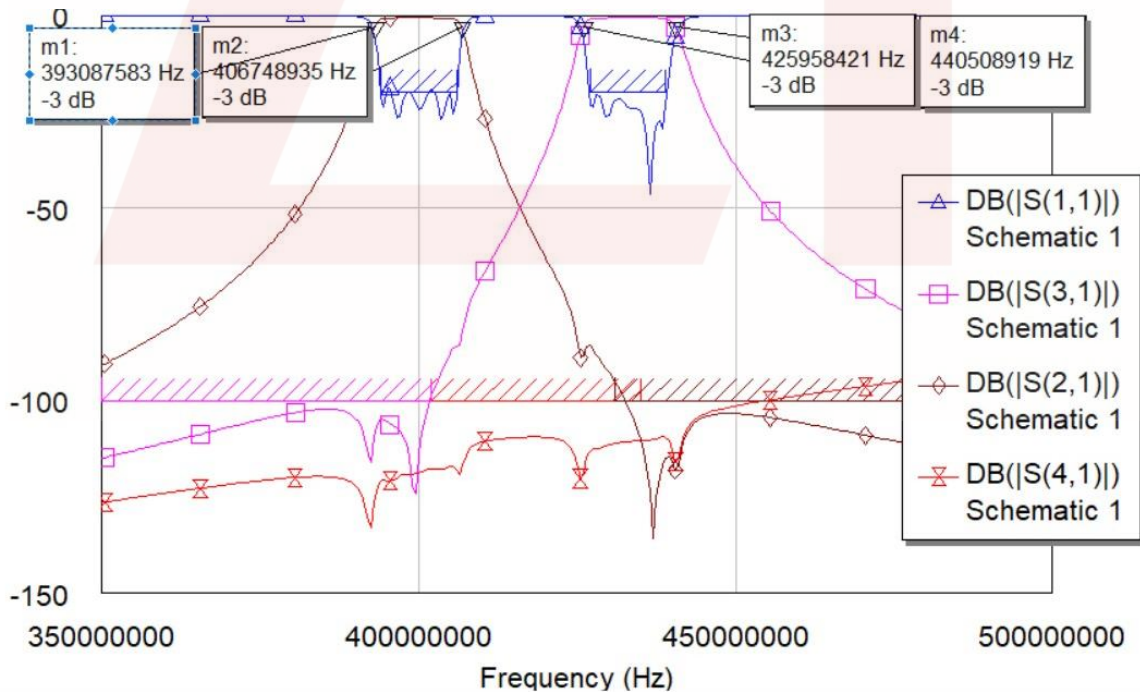
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## Simulation Plot:



Note: This is a simulated response plot. Actual performance might differ.

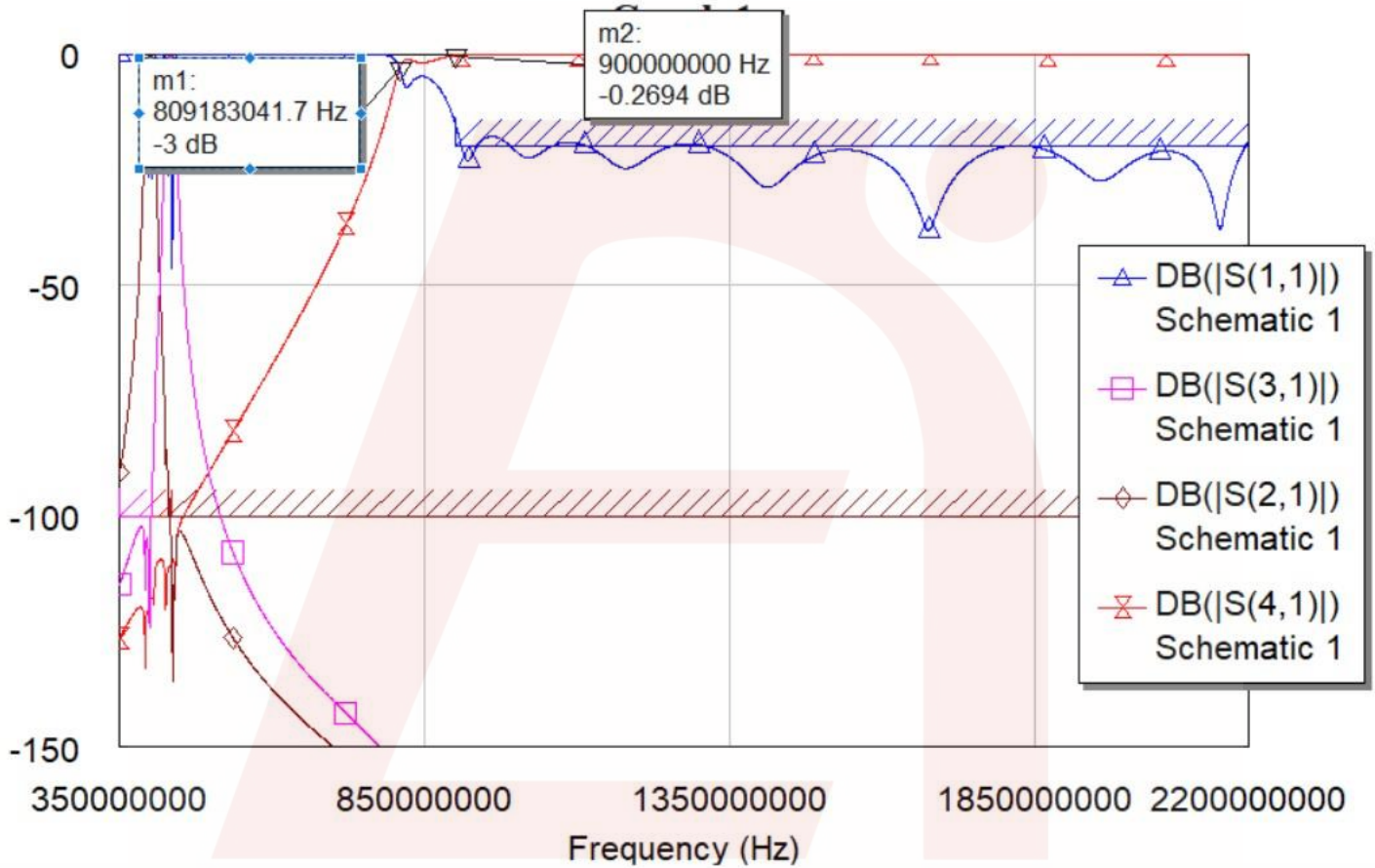


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