



ANATECH ELECTRONICS INC
RF & Microwave Filters & Products

156-166 / 880-900 / 925-945 MHz Cavity Triplexer

Part Number: AE161-890-935TR1289

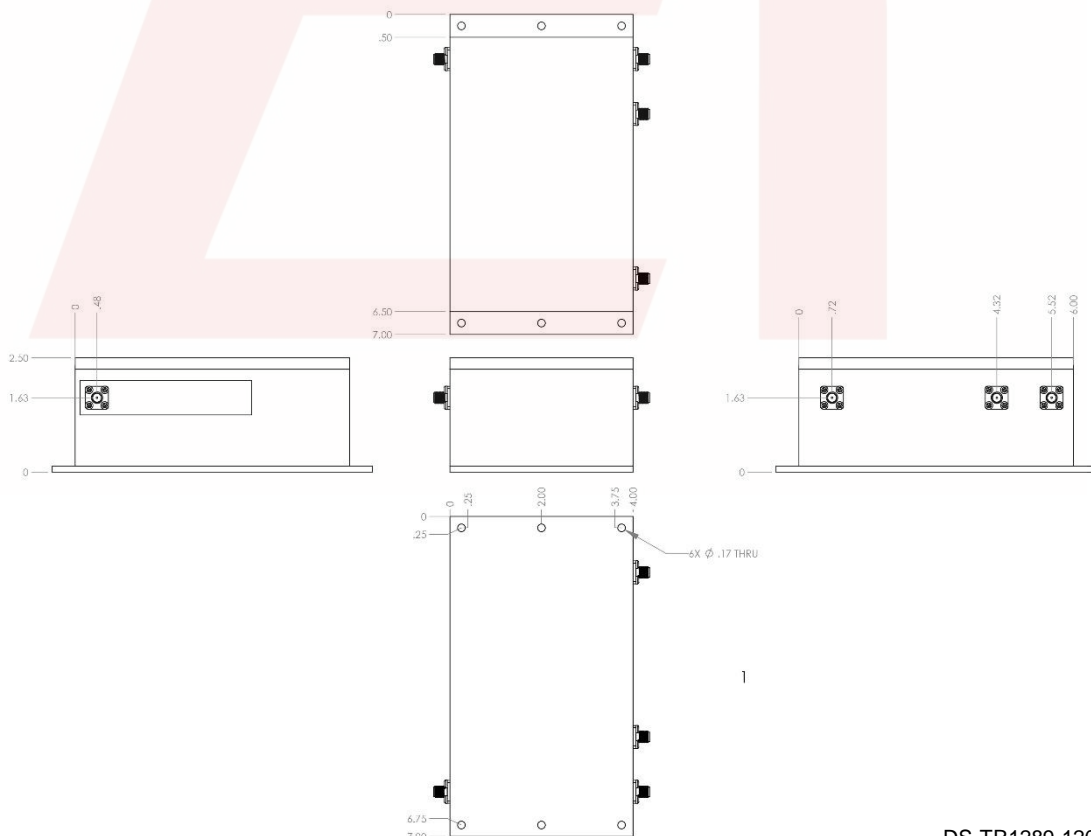


Characteristics	Band 1 (CH1)	Band 2 (CH2)	Band 3 (CH3)
Center Frequency	161 MHz	890 MHz	935 MHz
Frequency range:	156 - 166 MHz	880 - 900 MHz	925 - 945 MHz
Bandwidth	10 MHz	20 MHz	20 MHz
Insertion loss:	< 3.0 dB	< 1.5 dB	< 1.5 dB
Return Loss	>15 dB	>15 dB	>15 dB
Rejection Low Side Band 1	> 30 dB @ 130 MHz		
Isolation between Band 1 & Band 2	> 30 dB		
Rejection High Side Band 3	> 40 dB @ 960 MHz		
Isolation between Band 2 & Band 3	> 85 dB		
Power:	20 Watts	20 Watts	20 Watts

Mechanical	
Mounting Method:	Mounting plate with thru holes
Connector Type:	SMA (F)
Dimensions:	7.0 x 4.0 x 2.5 in

Environmental	
Operating Temperature:	-40 to +70 deg.C
Storage Temperature:	-50 to +90 deg.C
Shock:	20 G. 11ms
Vibration:	20 G. 5 to 200 Hz

Outline Drawing:



DS-TR1289-12012022-Rev1



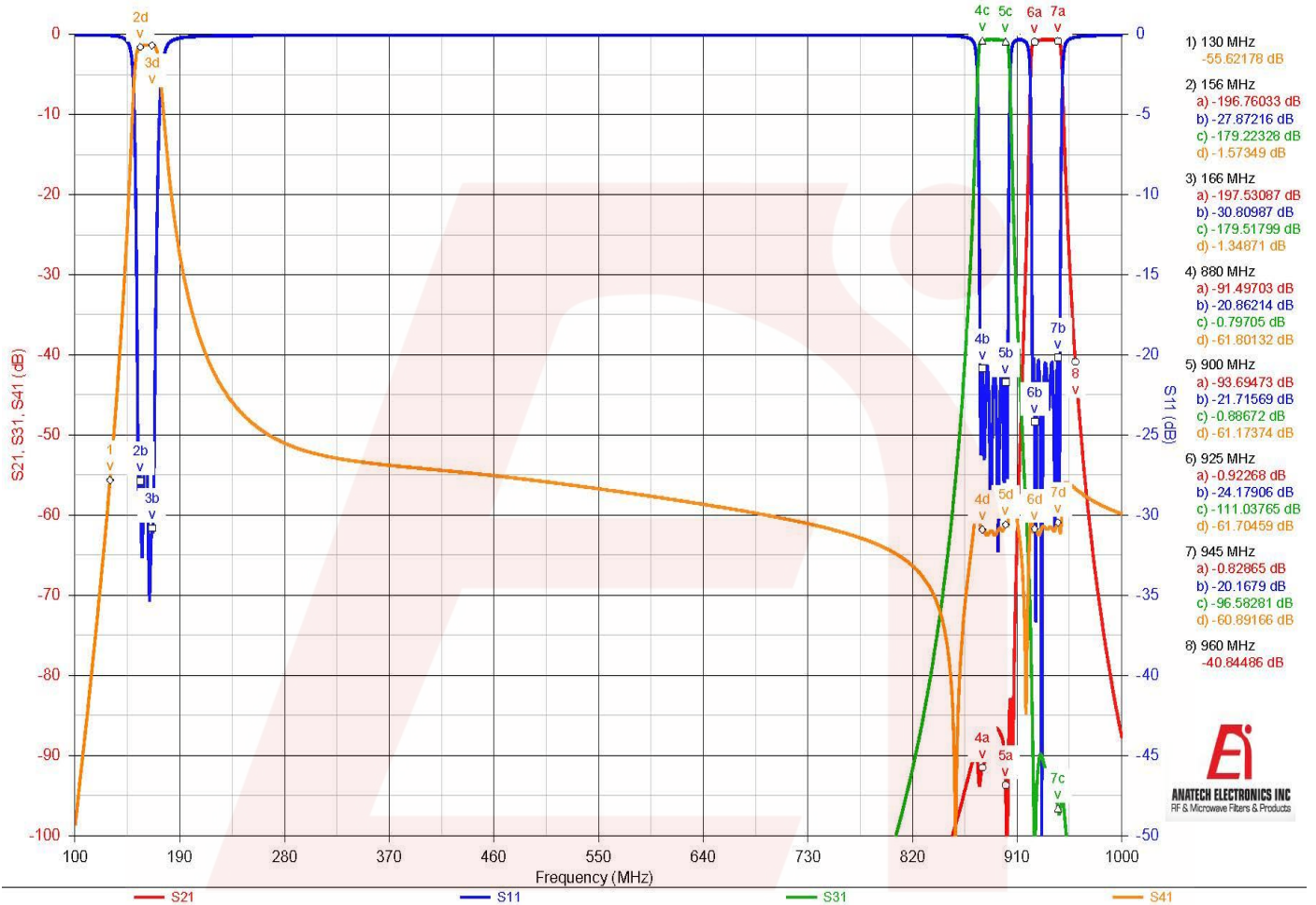
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Response Plot:



This is a simulated response plot, actual results might differ