



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

# 1350-1850 / 2025-2500 / 4400-4990 MHz LC Triplexer

Part Number: AE1600-2262-4698TR1276



Characteristics	Band 1 (L Band)	Band 2 (S Band)	Band 3 (C Band)
Frequency Range:	1350 – 1850 MHz	2025 – 2500 MHz	4400 – 4990 MHz
Bandwidth:	500 MHz Min	475 MHz Min	590 MHz Min
Insertion Loss:	1.5 dB @ 1850 MHz, 1 dB @ Passband	1.7 dB @ 2025 MHz, 1 dB @ Passband	1 dB @ Passband
Return Loss:	15 dB		
Impedance:	50 Ohms In/Out		

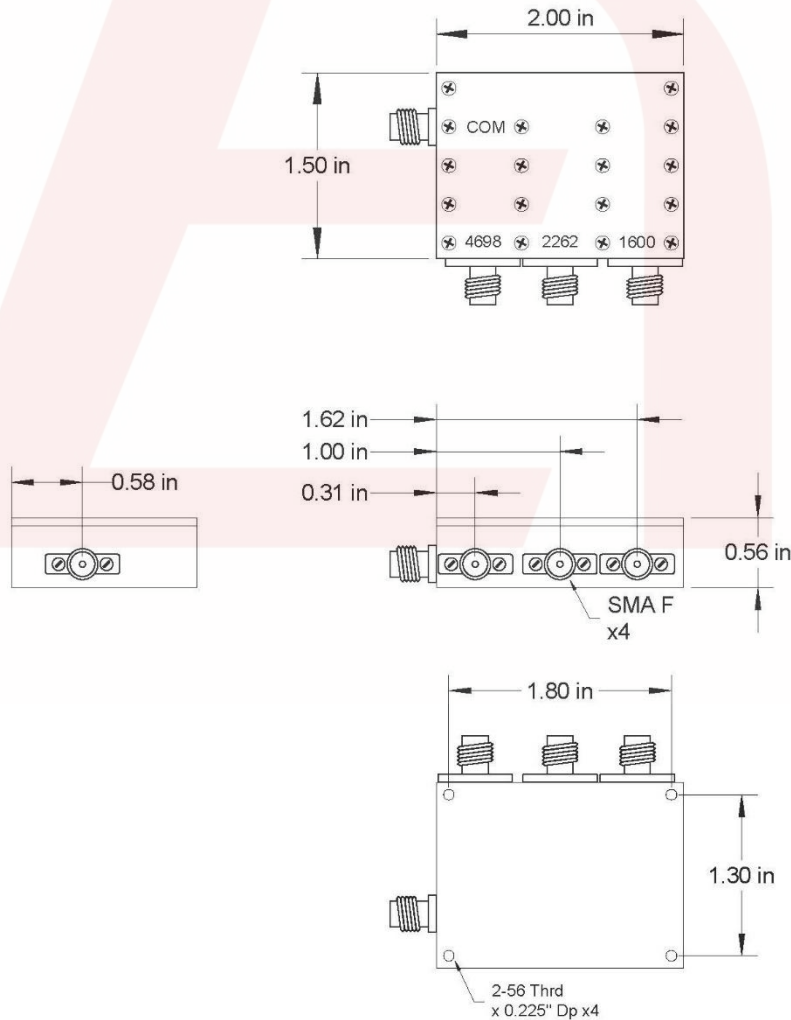
### Mechanical

Connector Type:	SMA (F)
Dimensions:	2.00 x 1.50 x 0.56 in

### Environmental

Operating Temperature:	-45 to +85 deg.C
Storage Temperature:	-55 to +95 deg.C
Shock:	10 G. 11ms
Vibration:	10 G. 5 to 200 Hz

### Outline Drawing:



DS-TR1276-12192022-Rev0



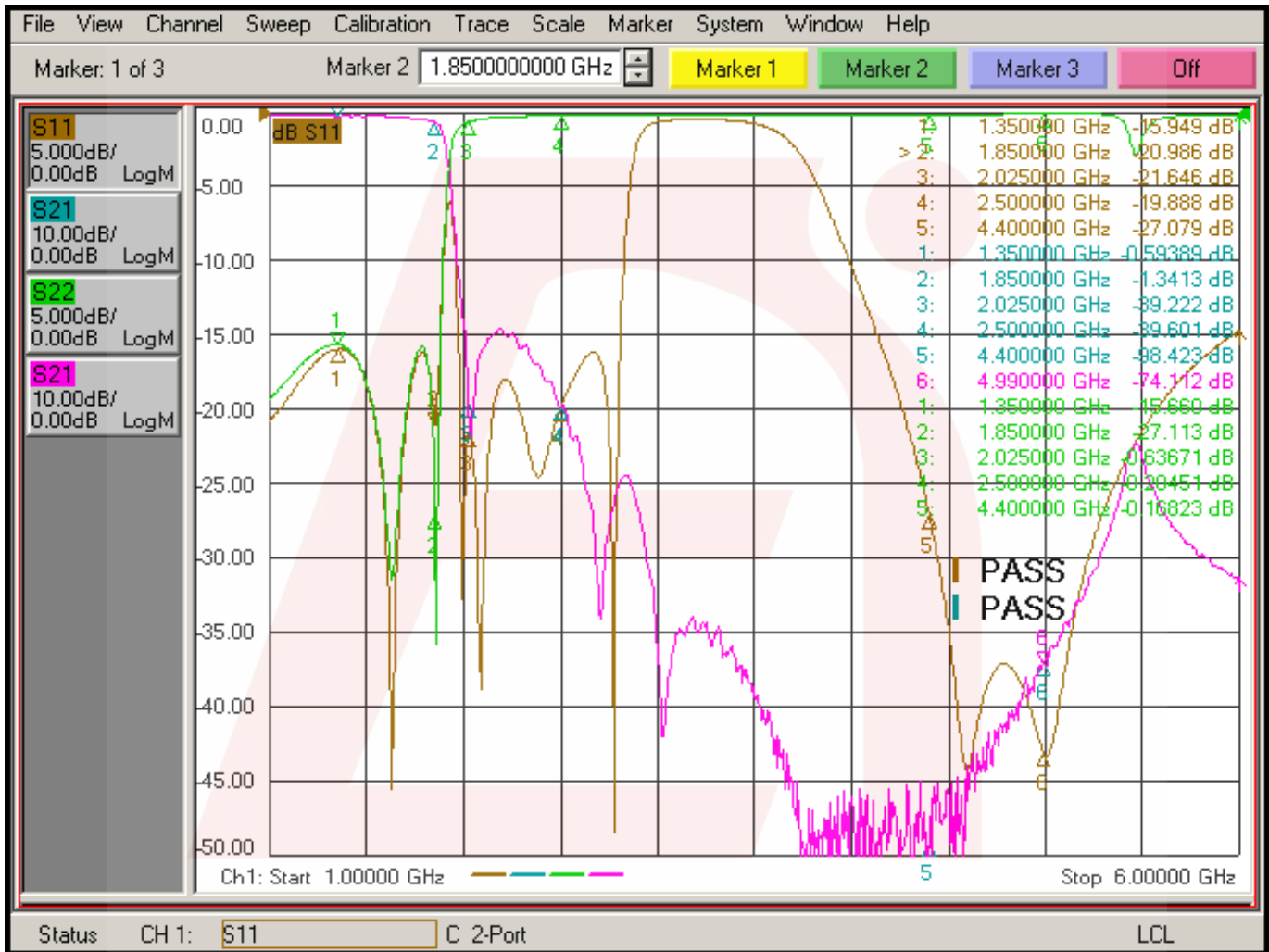
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### Response Plot:

#### Band 1 IL / RL



DS-TR1276-12192022-Rev0



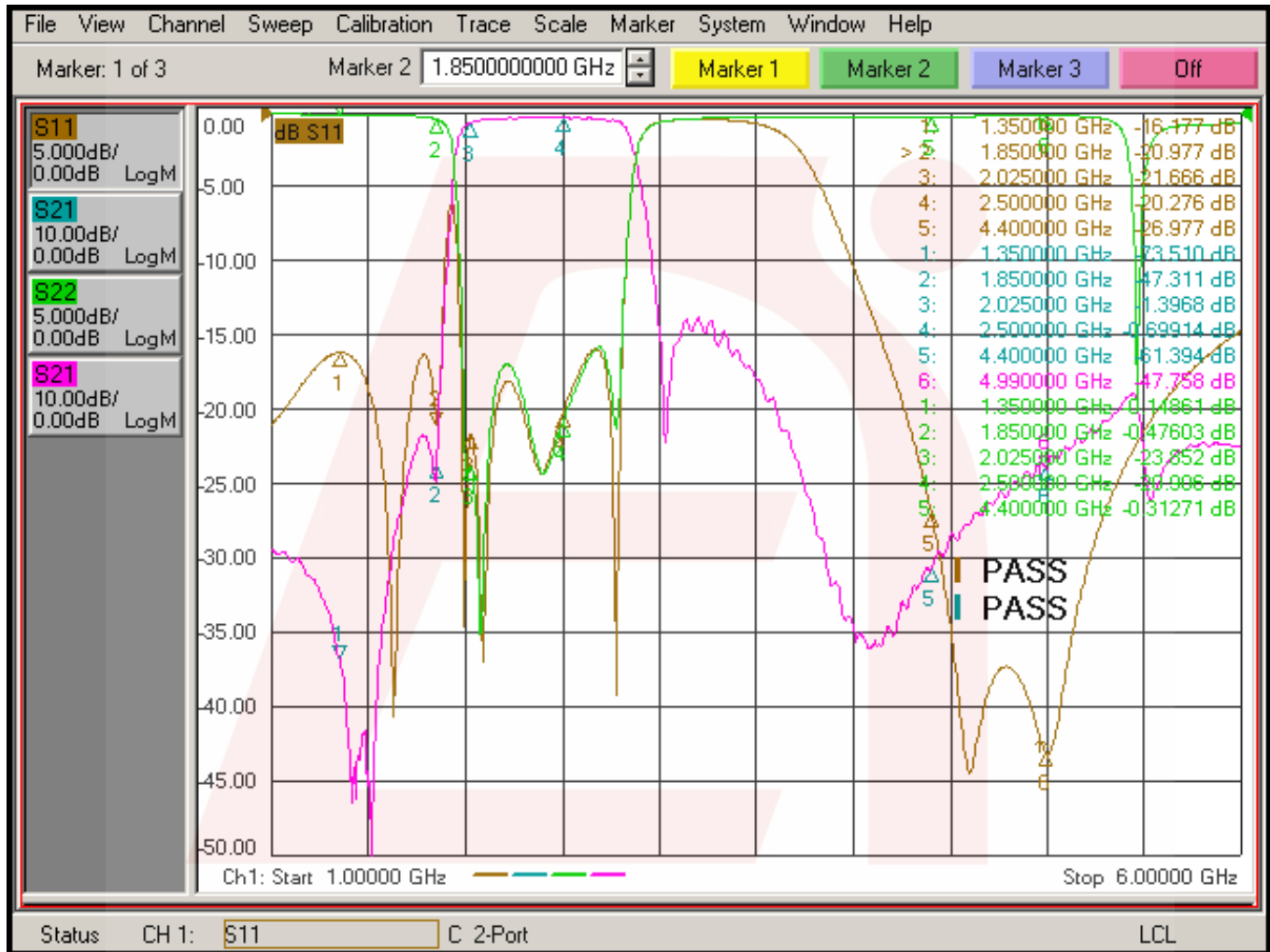
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### Response Plot:

#### Band 2 IL / RL



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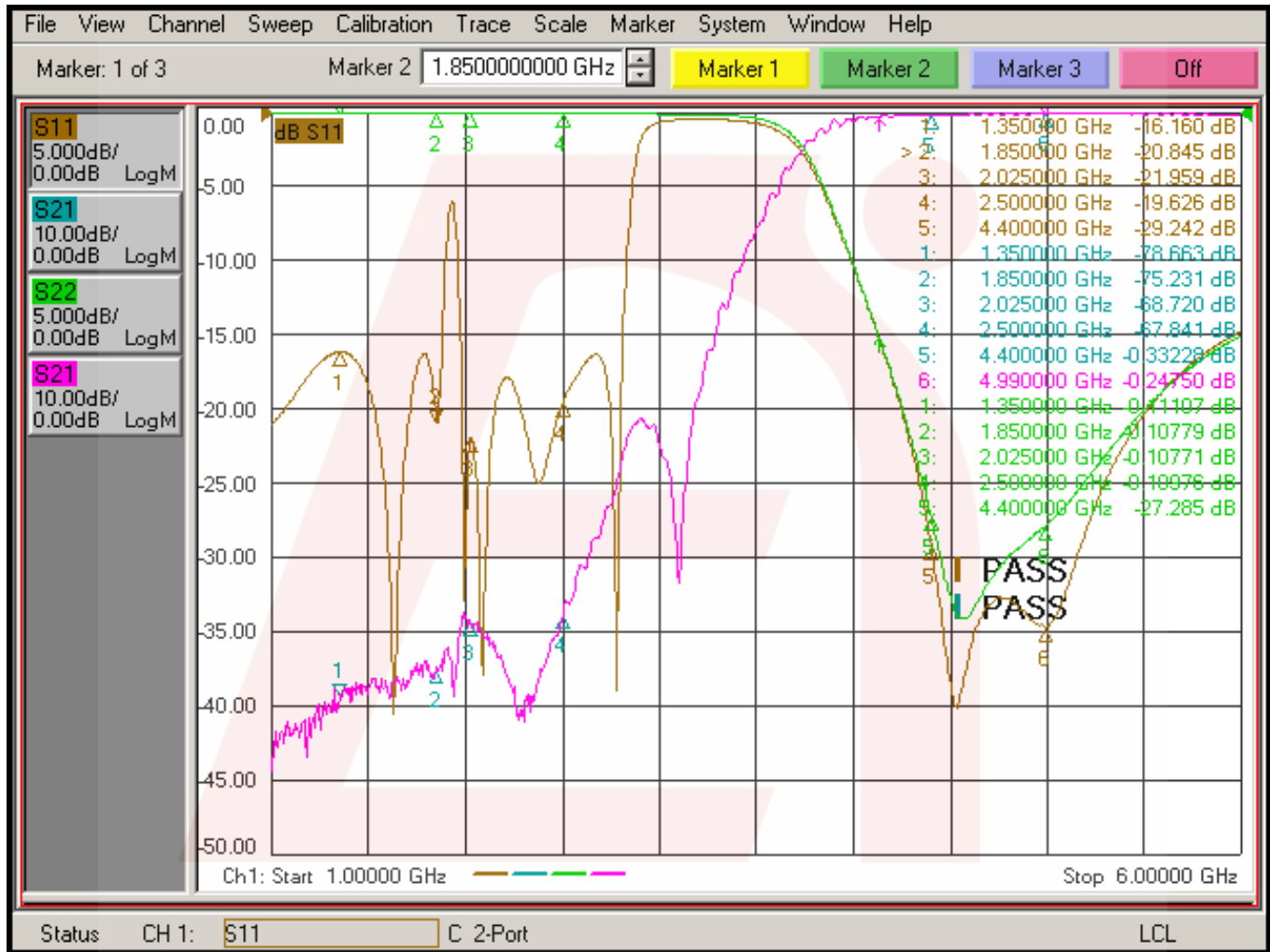
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### Response Plot:

#### Band 3 IL / RL



DS-TR1276-12192022-Rev0



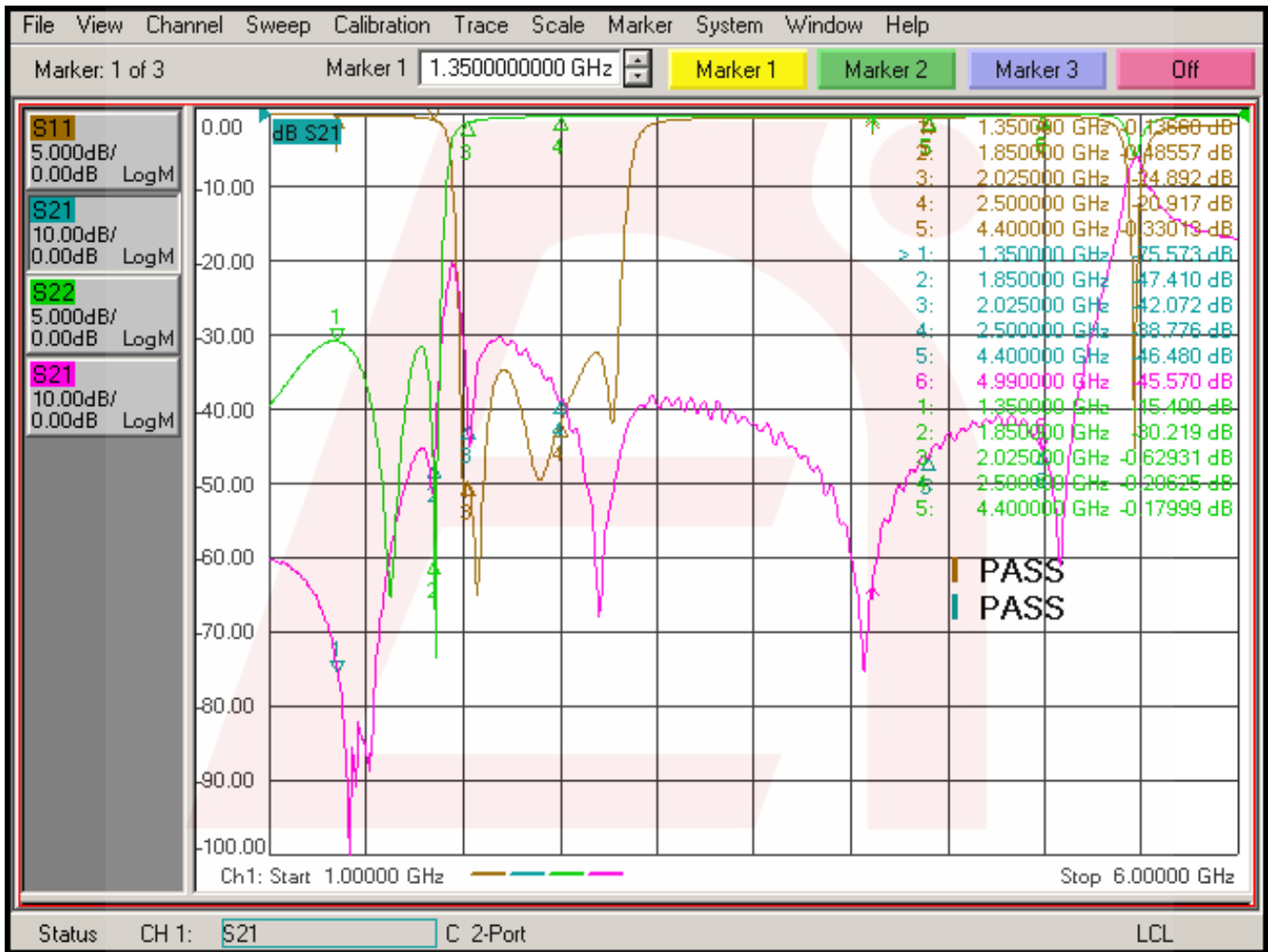
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**Response Plot:**

**Band 1\_ Band 2 Isolation**



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### Response Plot:

#### Band 1\_ Band 3 Isolation



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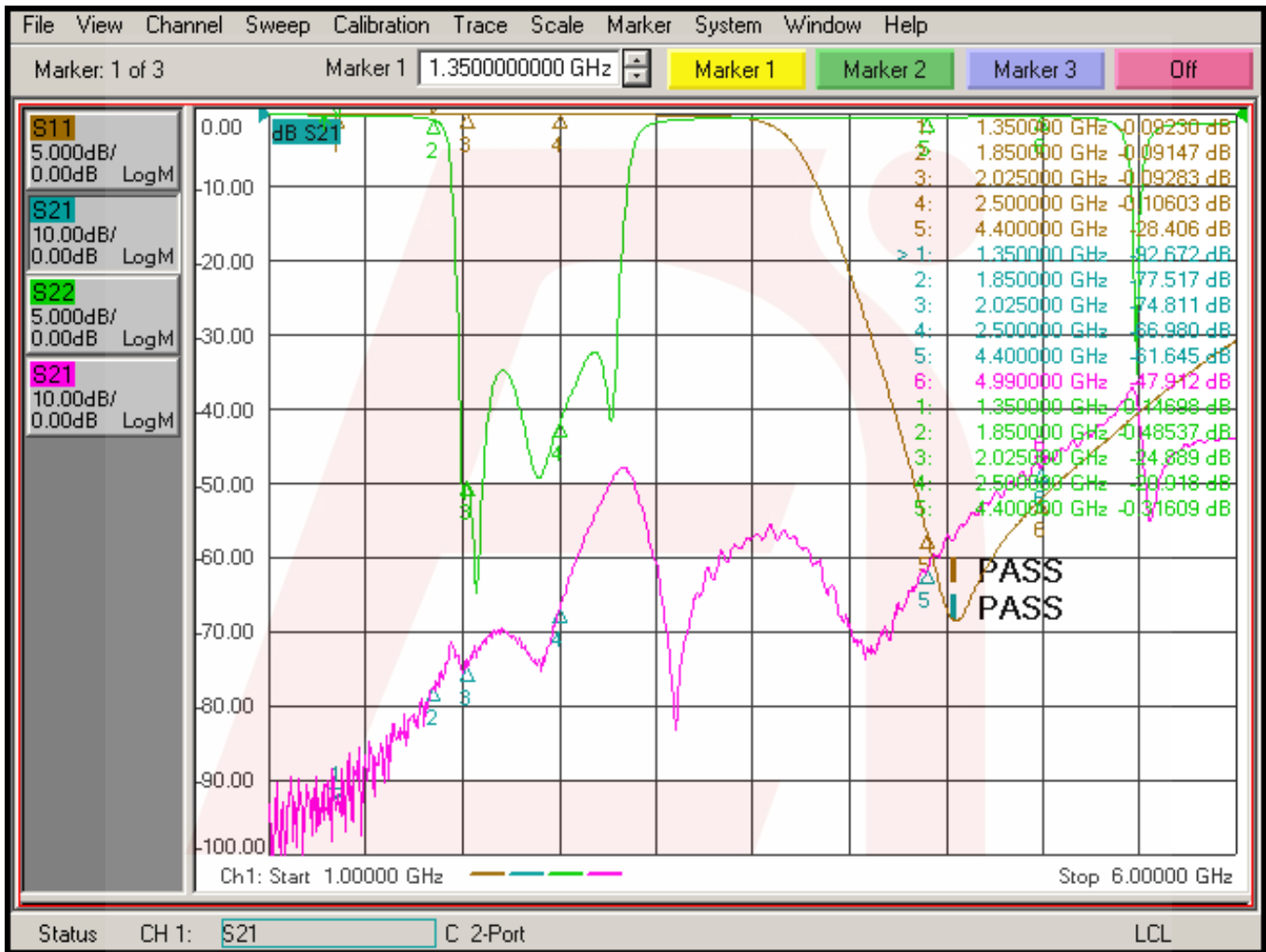
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### Response Plot:

#### Band 2\_ Band 3 Isolation



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