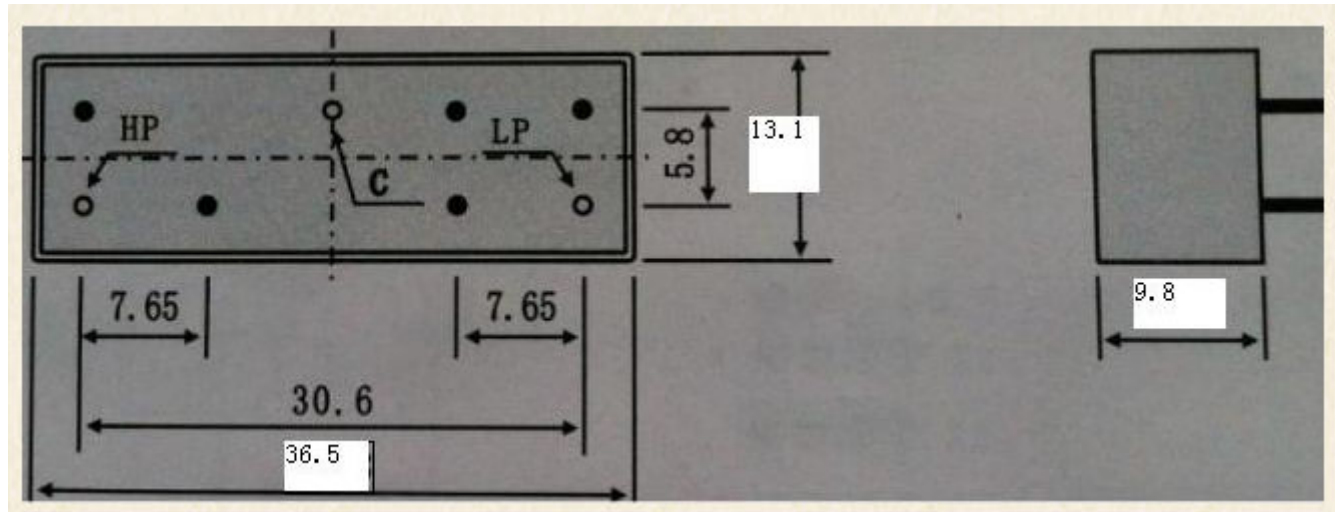


Outline drawing



Tolerance  $\pm 5\%$  Unit : mm



PIN CONFIGURATION

<b>Environmental</b>	
Operating Temperature	-40°C to +85°C
<b>Mechanical</b>	
Housing Dimensions(L x H x D)	(36.5 ±0.2)x (13.1 ±0.2)x( 9.8 ±0.2)mm



# LH Corporation

## 立华电子

S013250 5-85/105-1218MHZ DIPLEX FILTER

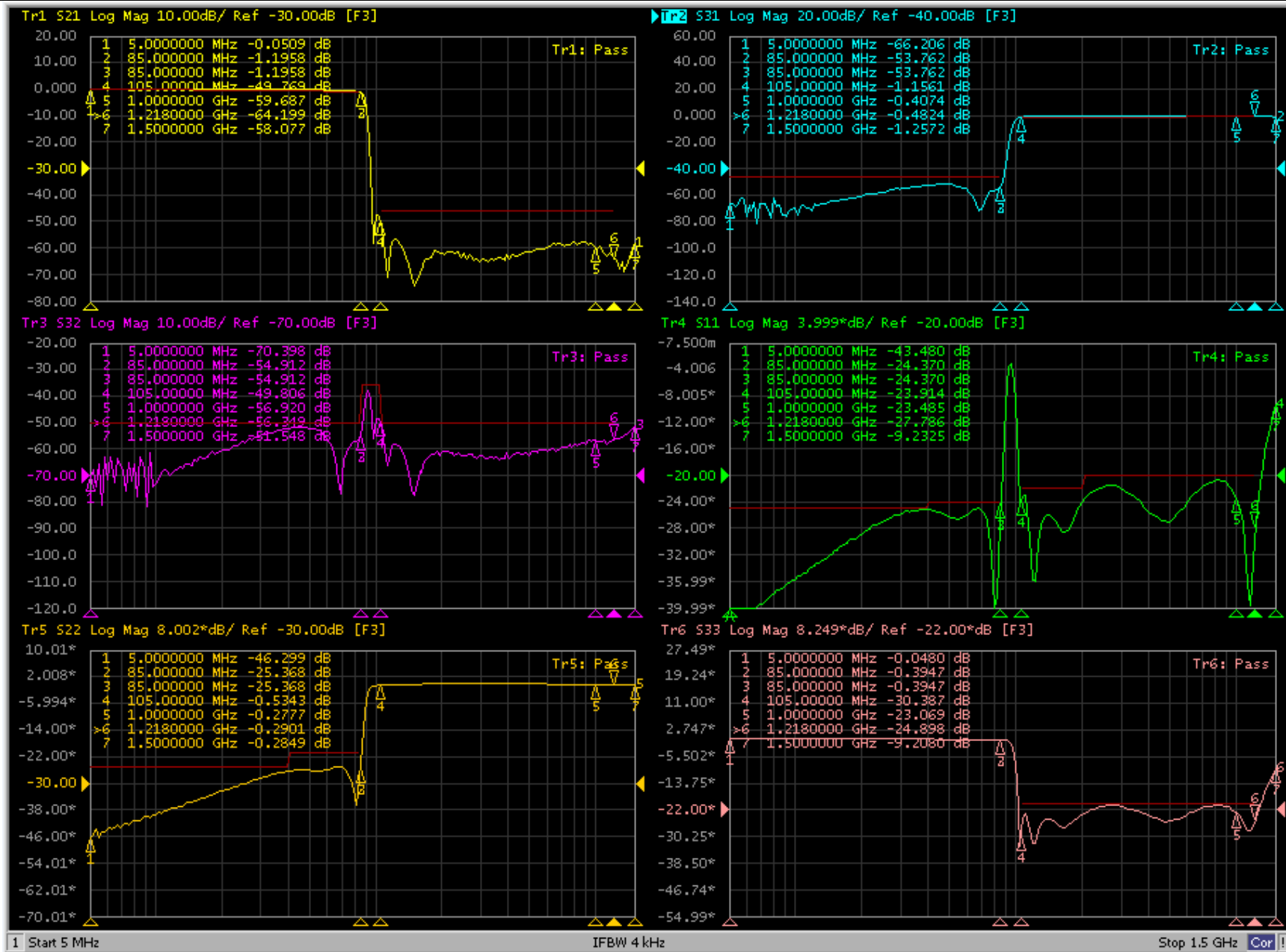
Rev\_A

Item	Units		Notes
Low Pass Frequency	MHz	5~85	
High Pass Frequency	MHz	105~1218	
Insertion loss	dB	$\leq 1.2\text{dB}$ (at 5~85MHz) $\leq 1.2\text{dB}$ (at 105~1003MHz)	
<b>Common Port Return Loss:</b>	dB	$\geq 25\text{dB}$ (at 5~40MHz) $\geq 20\text{dB}$ (at 40~65MHz) $\geq 24\text{dB}$ (at 65~85MHz) $\geq 22\text{dB}$ (at 105~160MHz) $\geq 22\text{dB}$ (at 160~200MHz) $\geq 20\text{dB}$ (at 200~1218MHz)	
<b>Reverse Port Return Loss</b>	dB	$\geq 25\text{dB}$ (at 5~40MHz) $\geq 21\text{dB}$ (at 40~85MHz)	
<b>Forward Port Return Loss</b>	dB	$\geq 20\text{dB}$ (at 105~400MHz) $\geq 20\text{dB}$ (at 401~1218MHz)	
Stop band Attenuation	dB	$\geq 48\text{dB}$ (at 5~85MHz) $\geq 48\text{dB}$ (at 105~1003MHz) $\geq 48\text{dB}$ (at 860~1003MHz)	
Isolation	dB	$\geq 48\text{dB}$ (at 5~85MHz) $\geq 48\text{dB}$ (at 105~860MHz) $\geq 48\text{dB}$ (at 860~1218MHz) $\geq 36\text{dB}$ (at 85~105MHz)	
In/output impedance	$\Omega$	75	

DFU-A

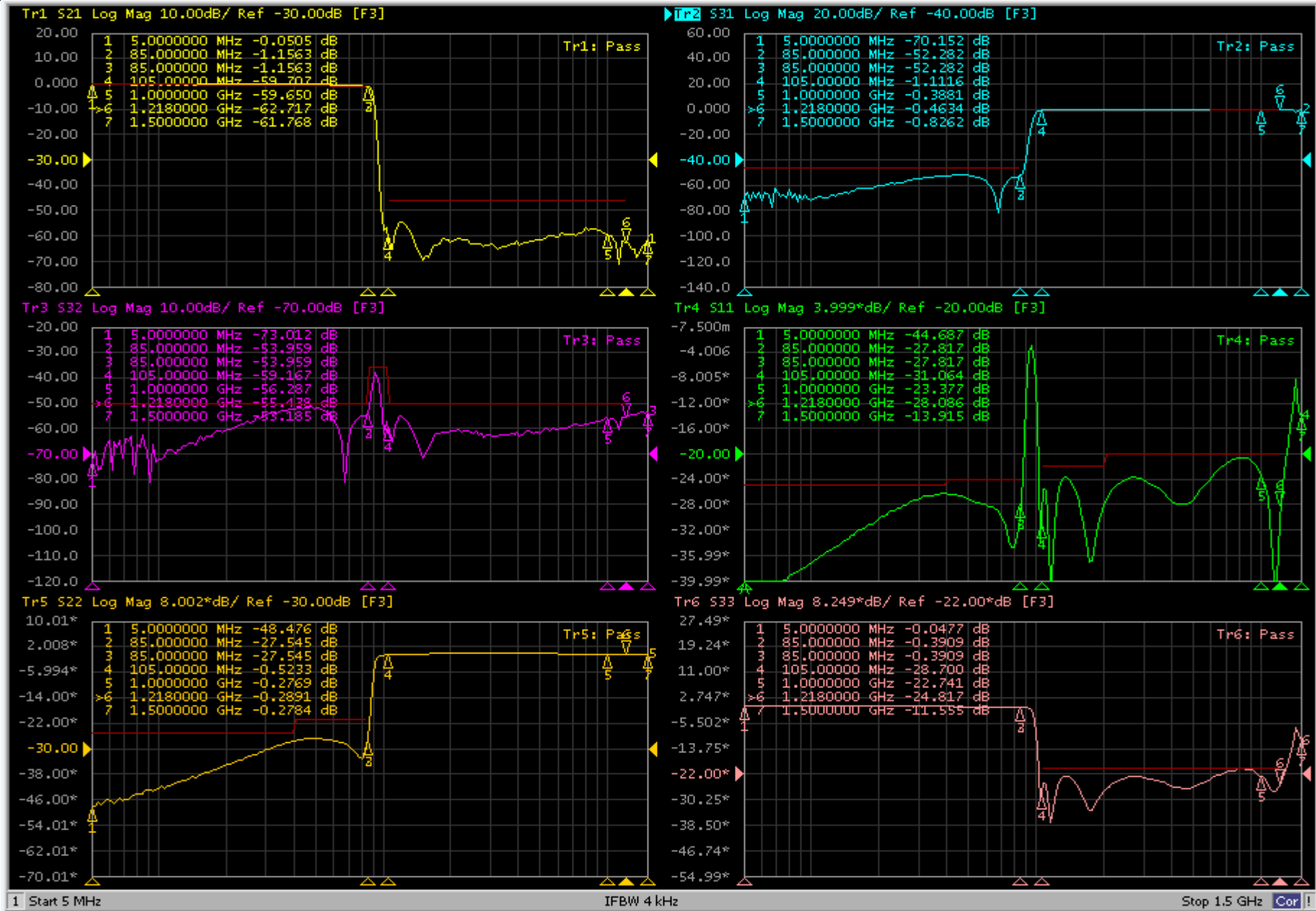


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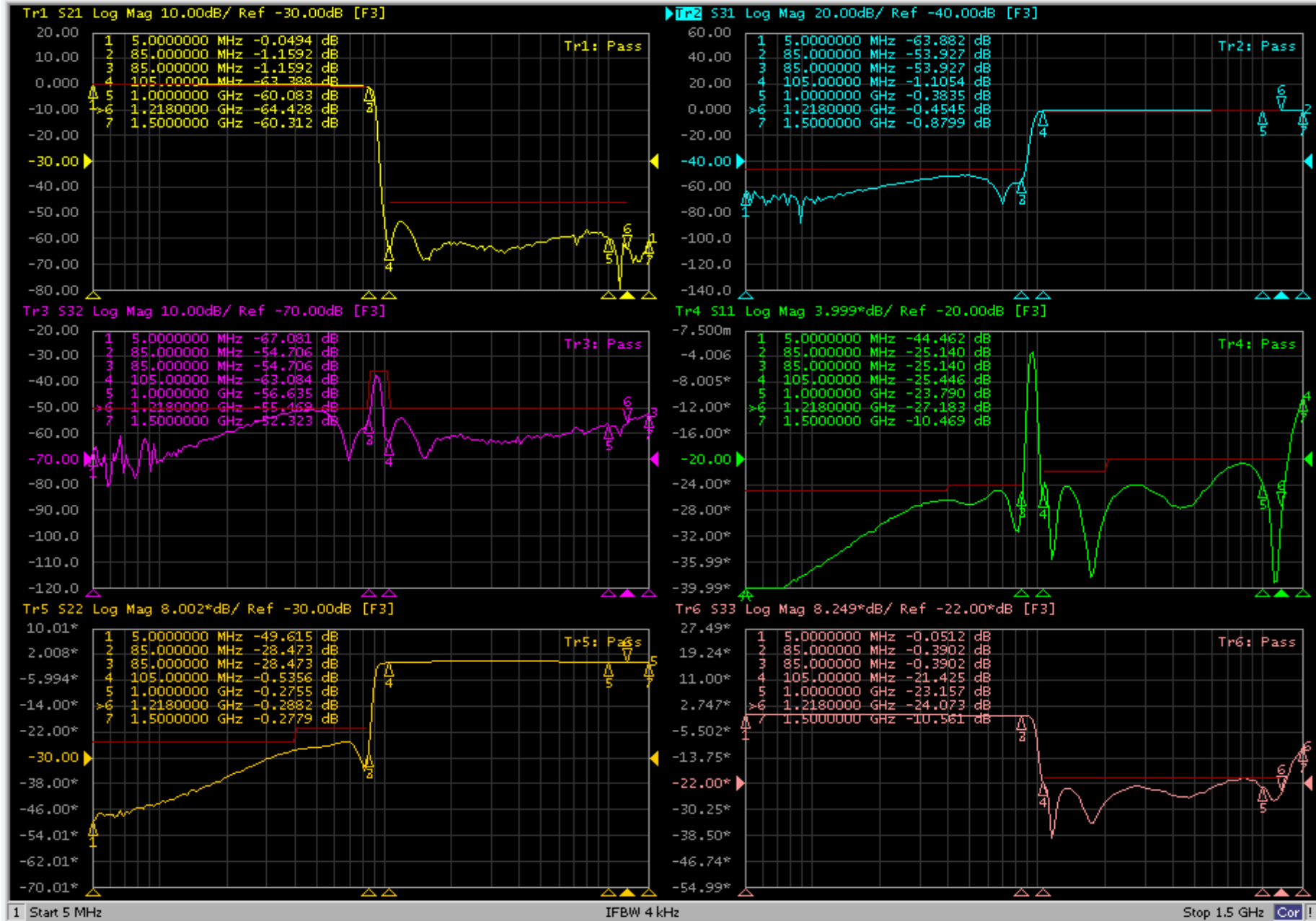




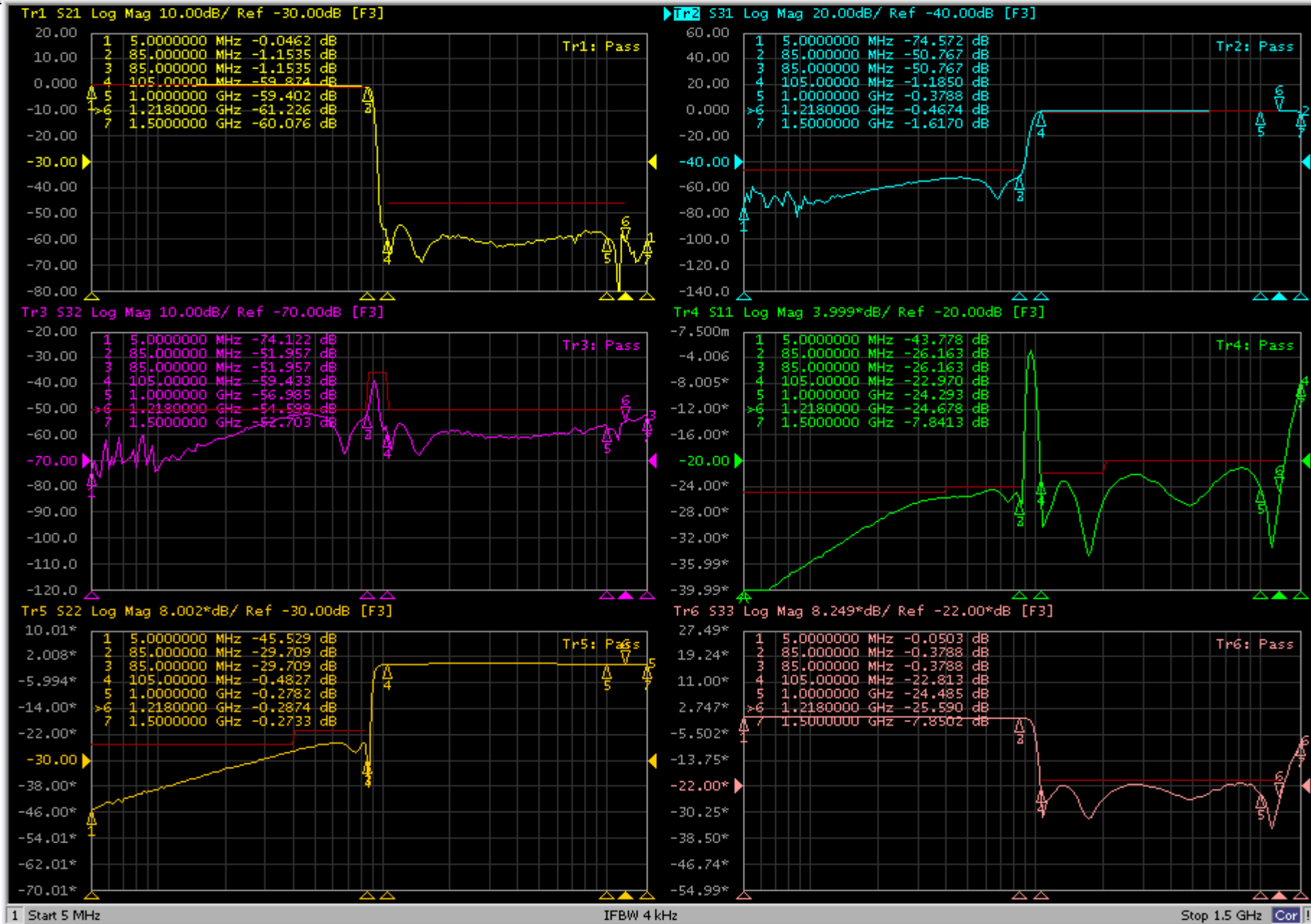
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#3

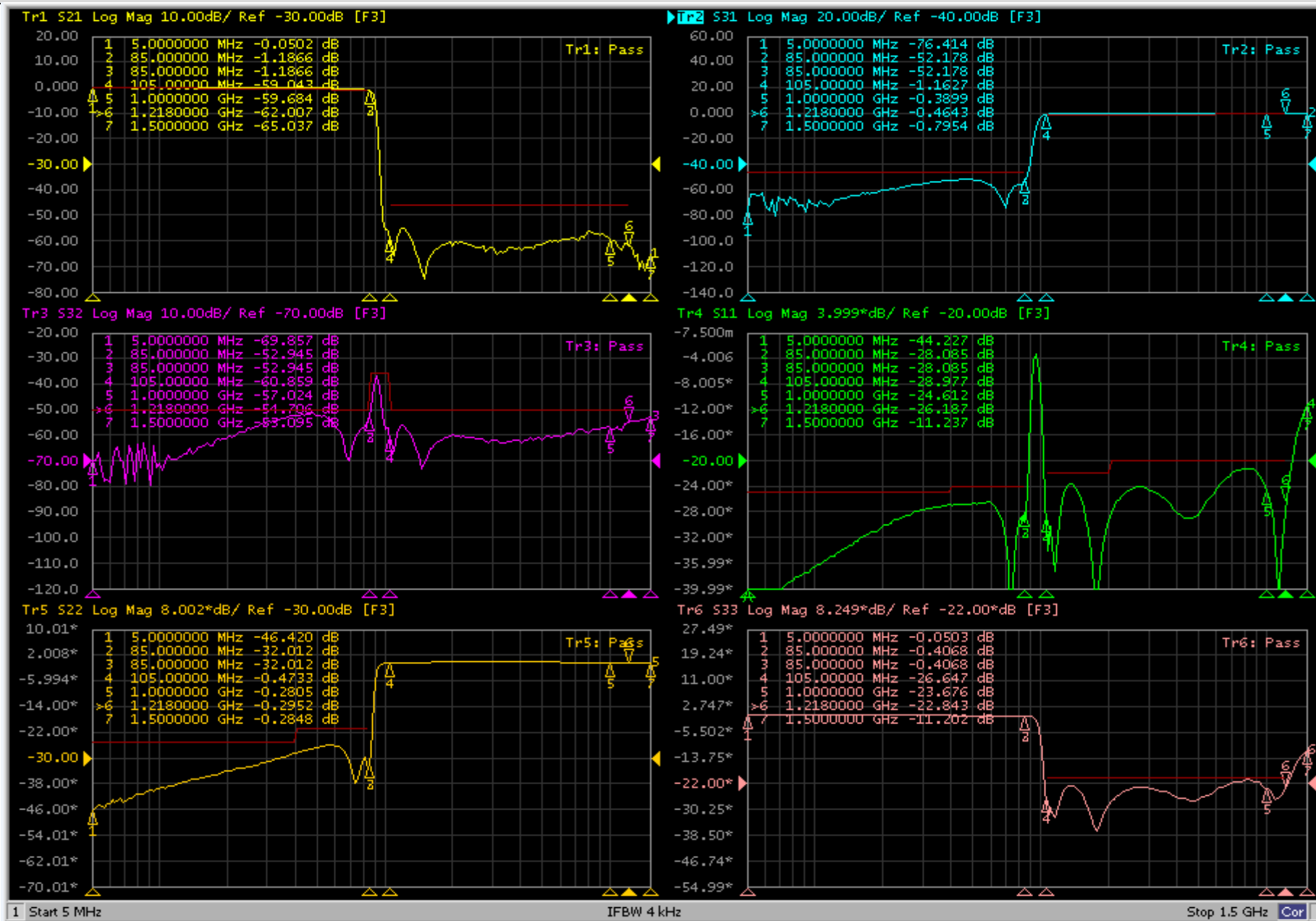


#4





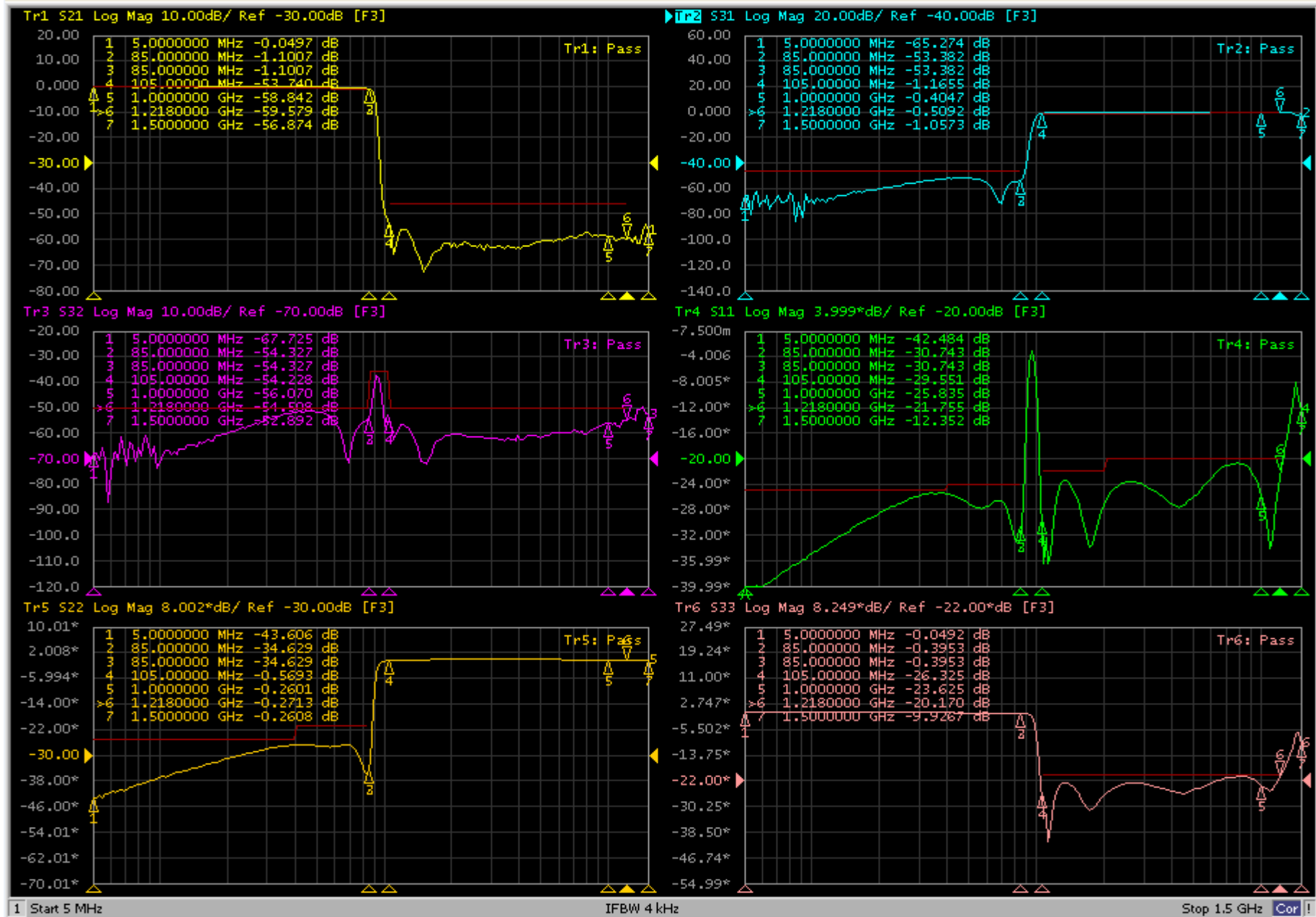
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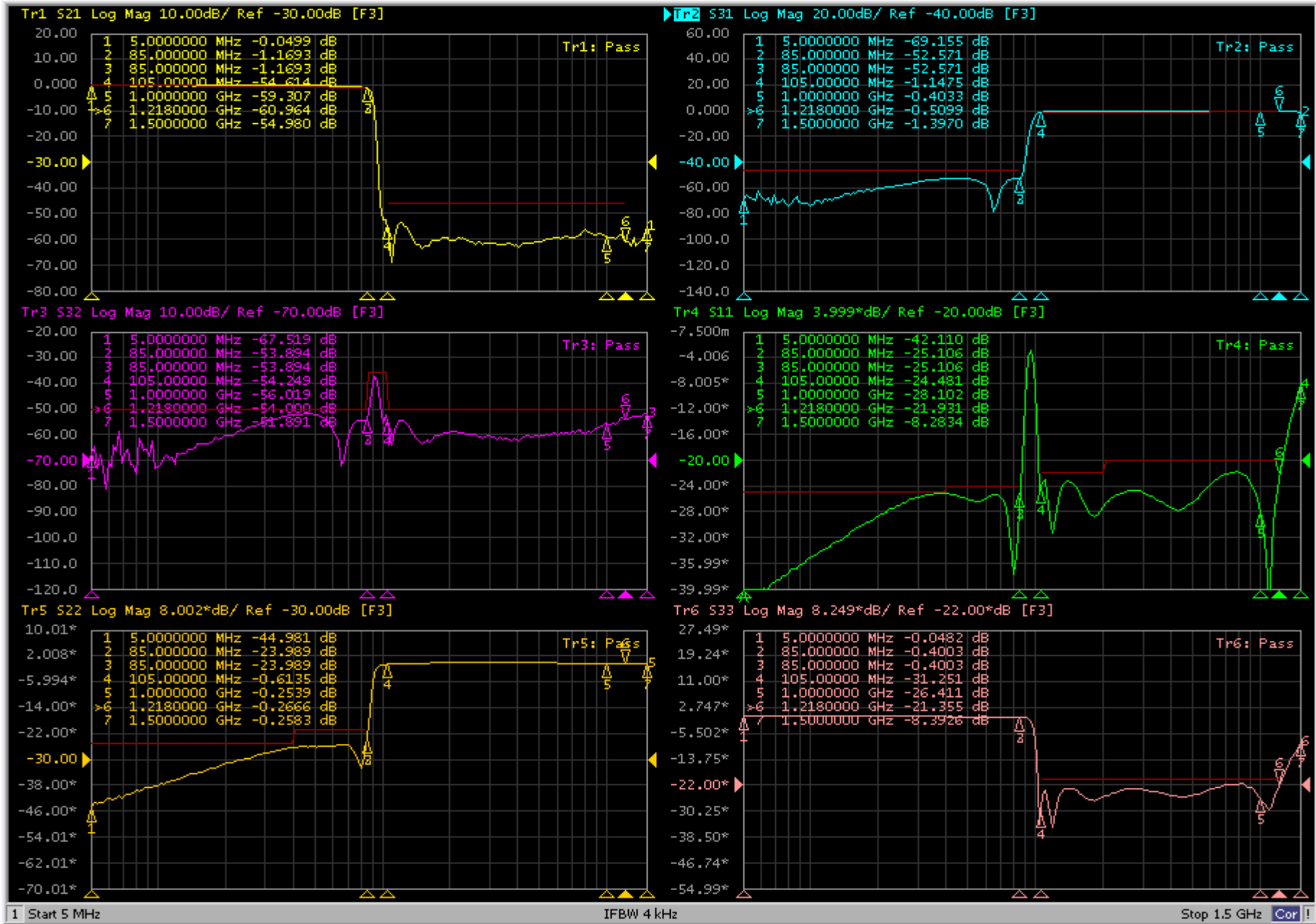
DFU-B



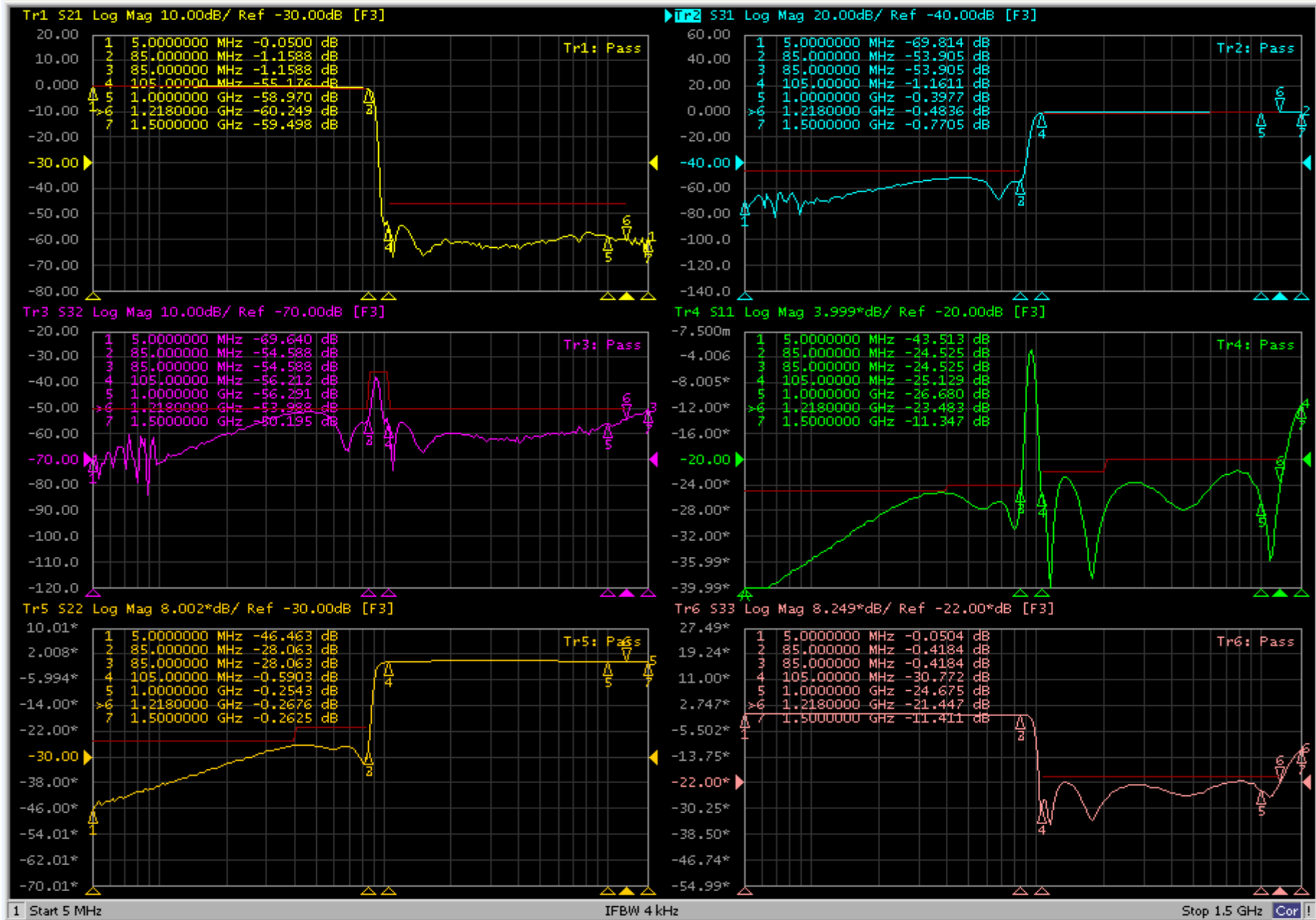
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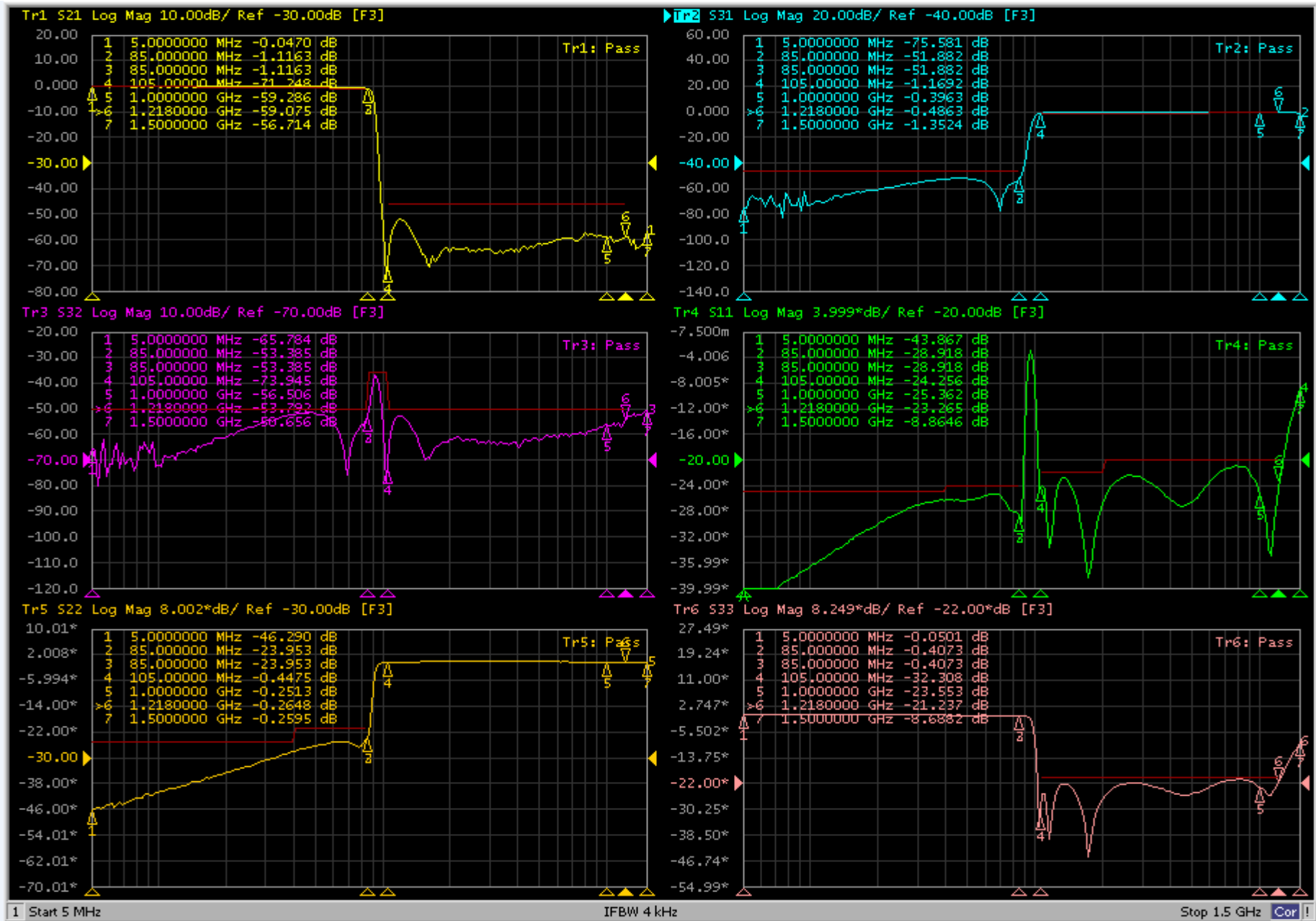
#2



#3



#4



#5

