

PRODUCT SPECIFICATION FOR INFORMATION

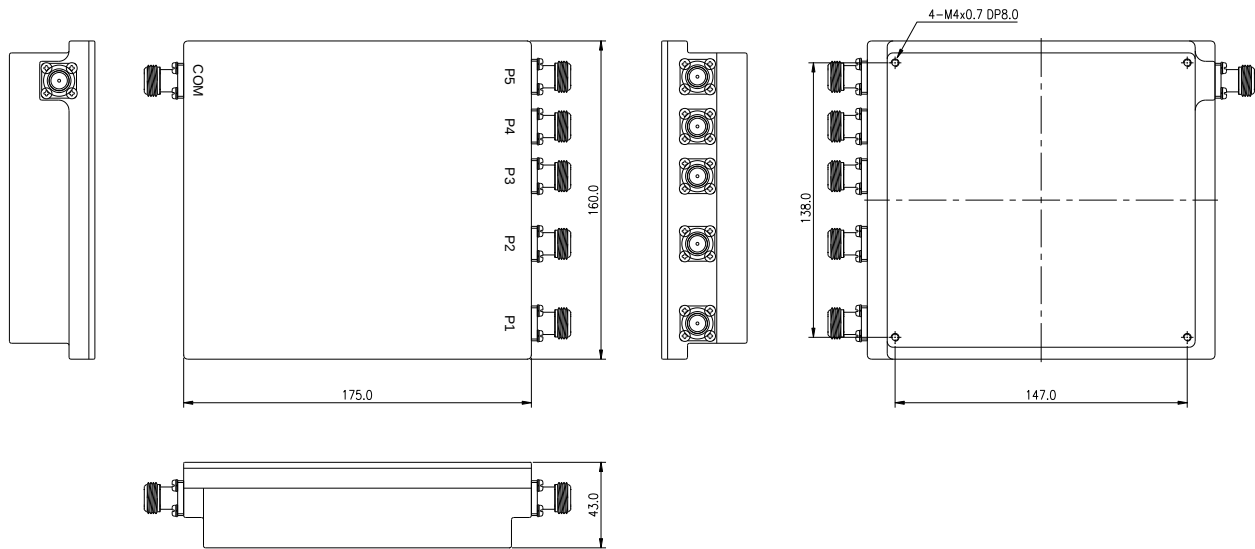
FINAL SPECIFICATION

Product Name : Multiplexer

Part No : MMP-5COM_420-5900MN-A-R0

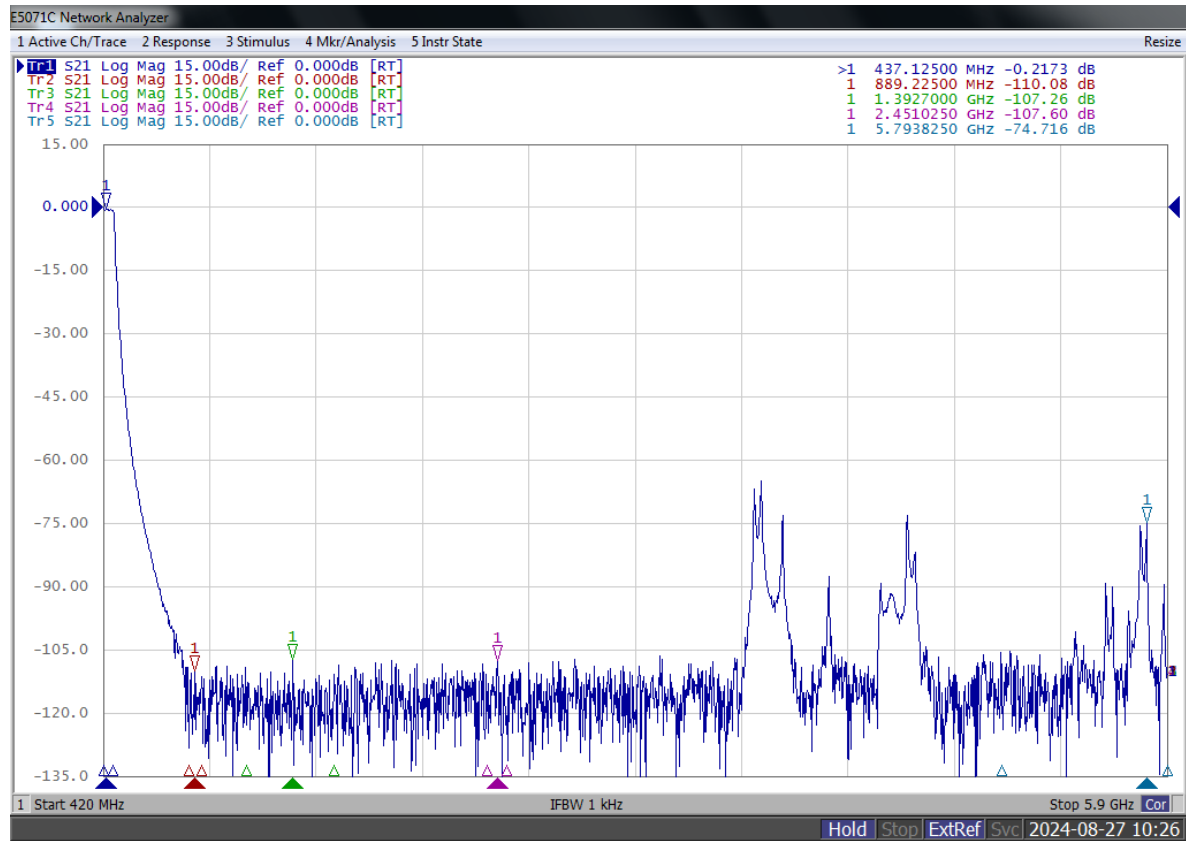
No	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.07.05	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing

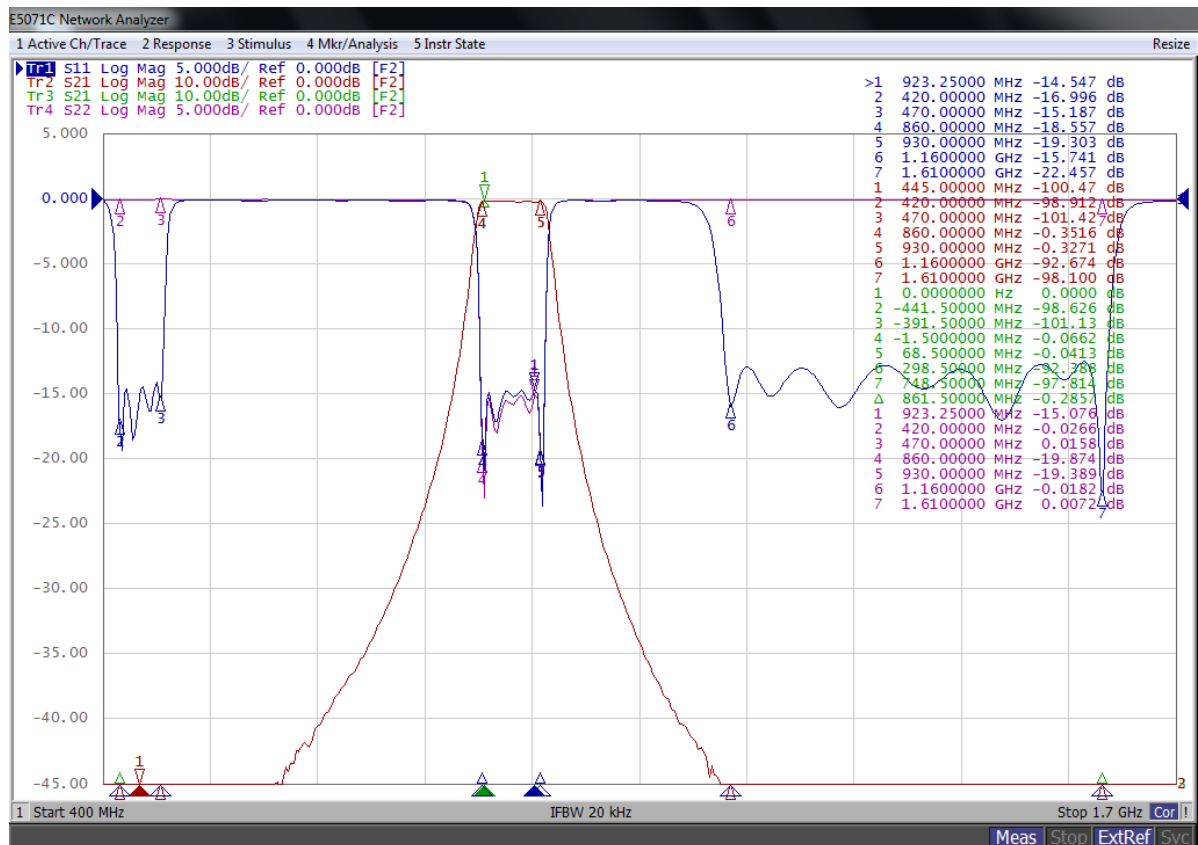


■ Electrical Specification

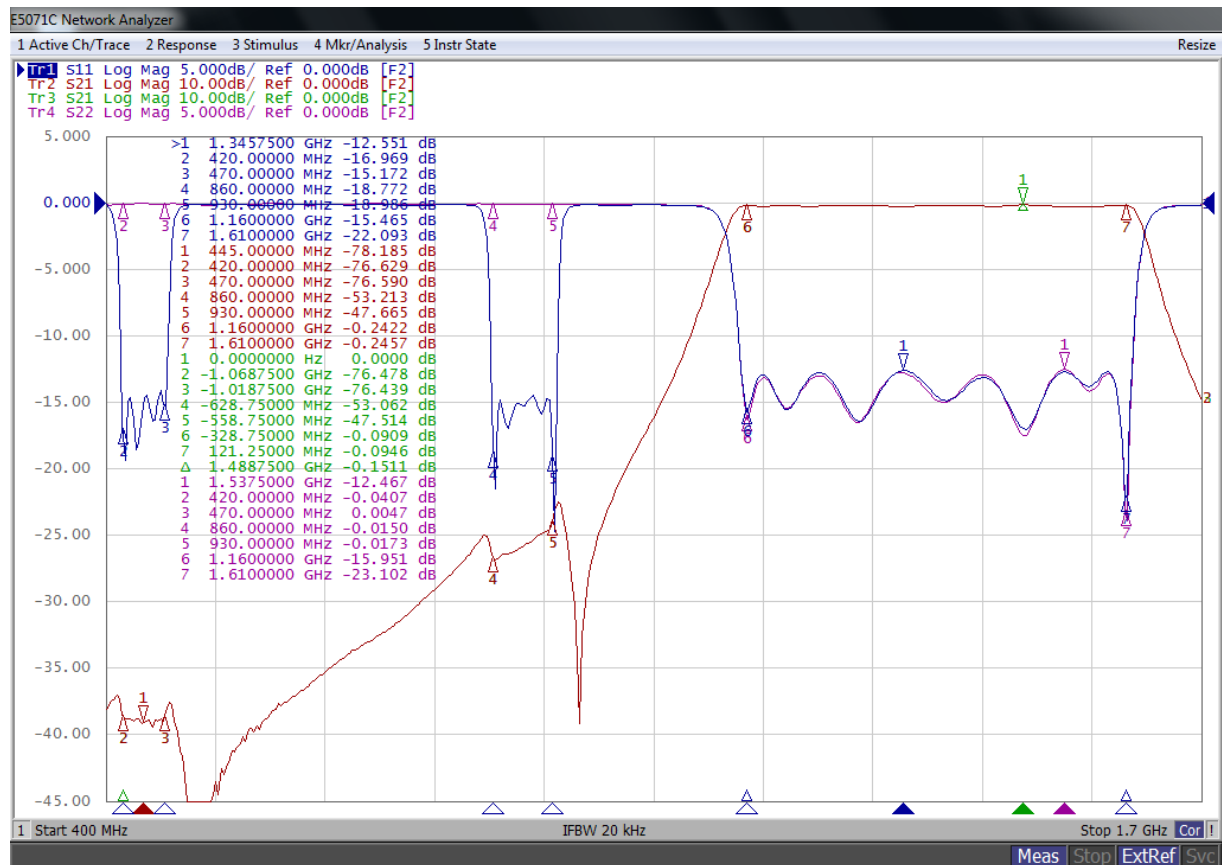
Parameter		Specification	REMARK
1. Pass Band Frequency	P1	420~470MHz	
	P2	860~930MHz	
	P3	1160MHz~1610MHz	
	P4	2400~2500 MHz	
	P5	5050MHz~5900MHz	
2. Insertion Loss	P1	1.2dB Max.	
	P2	1.6dB Max.	
	P3	1.7dB Max.	
	P4	1.4dB Max.	
	P5	1.1dB Max.	
3. Return Loss	P1	12dB Min.	
	P2	12dB Min.	
	P3	10dB Min.	
	P4	12dB Min.	
	P5	10dB Min.	
4. Isolation	P1	60dB Min.	
	P2	70dB Min.	
	P3	40dB Min.	
	P4	70dB Min.	
	P5	70dB Min.	
5. Band Ripple		1.0dB Max.(P-T-P)	
6. RF Power Handling		Each channel : 60W Max. Com: 350W Max.	
7. Impedance		50Ω	
8. Operating temp		-30 ~ +70 °C	



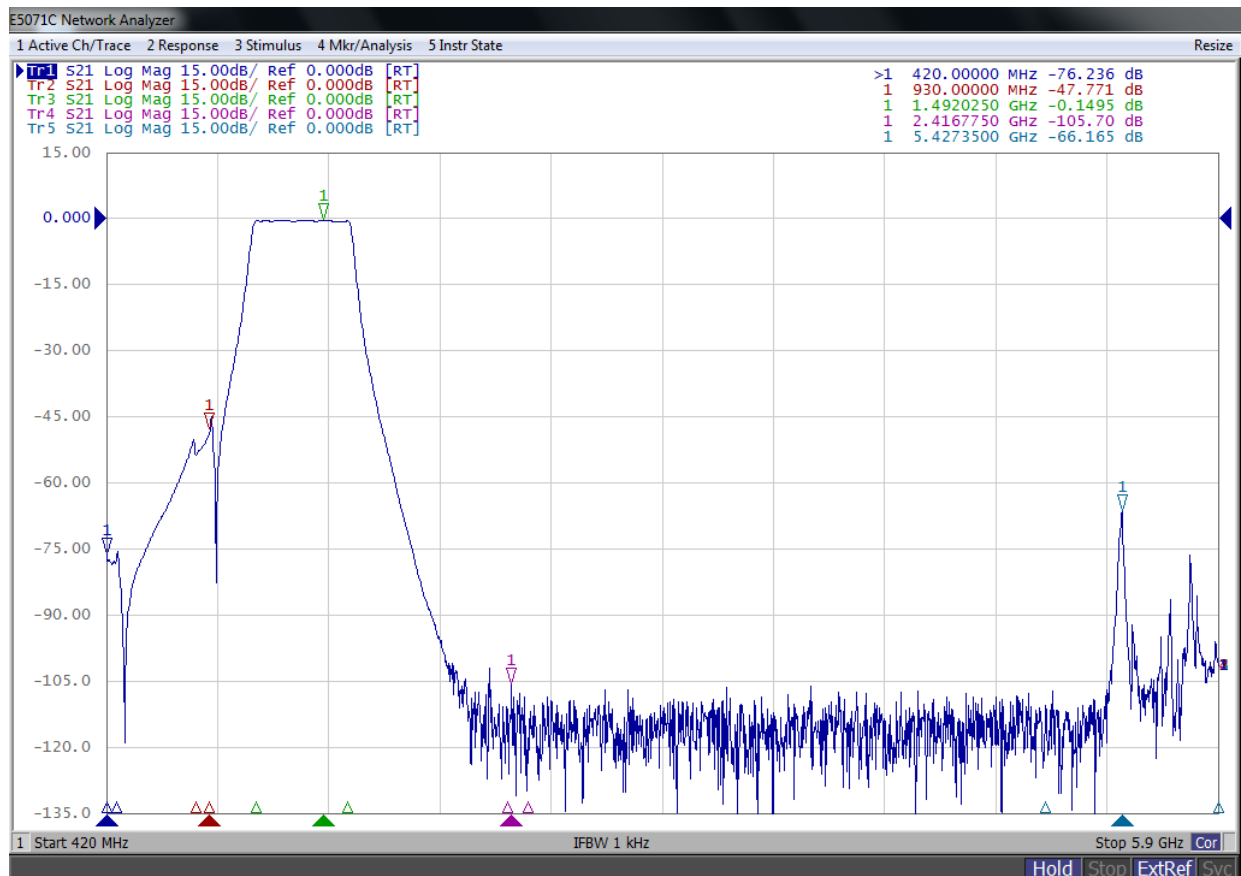
[P1 Isolation]



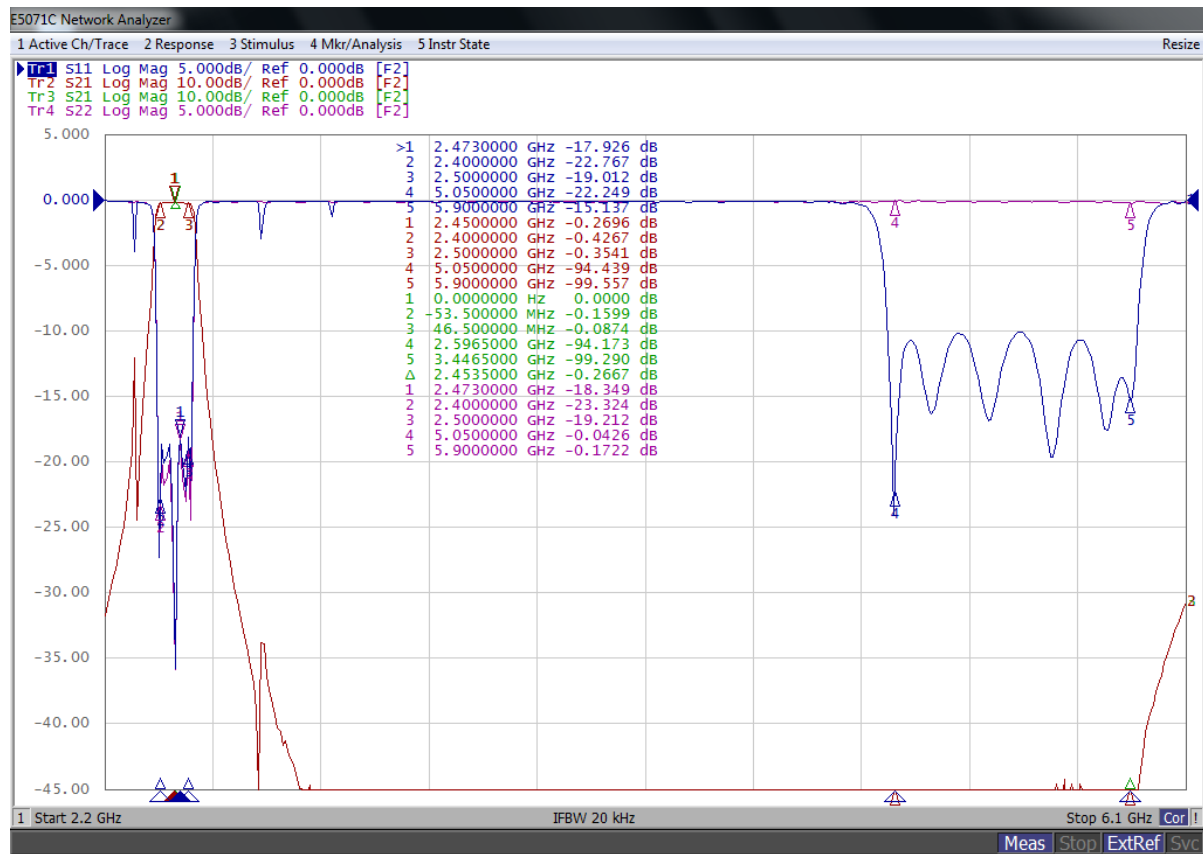
[P2 Main]



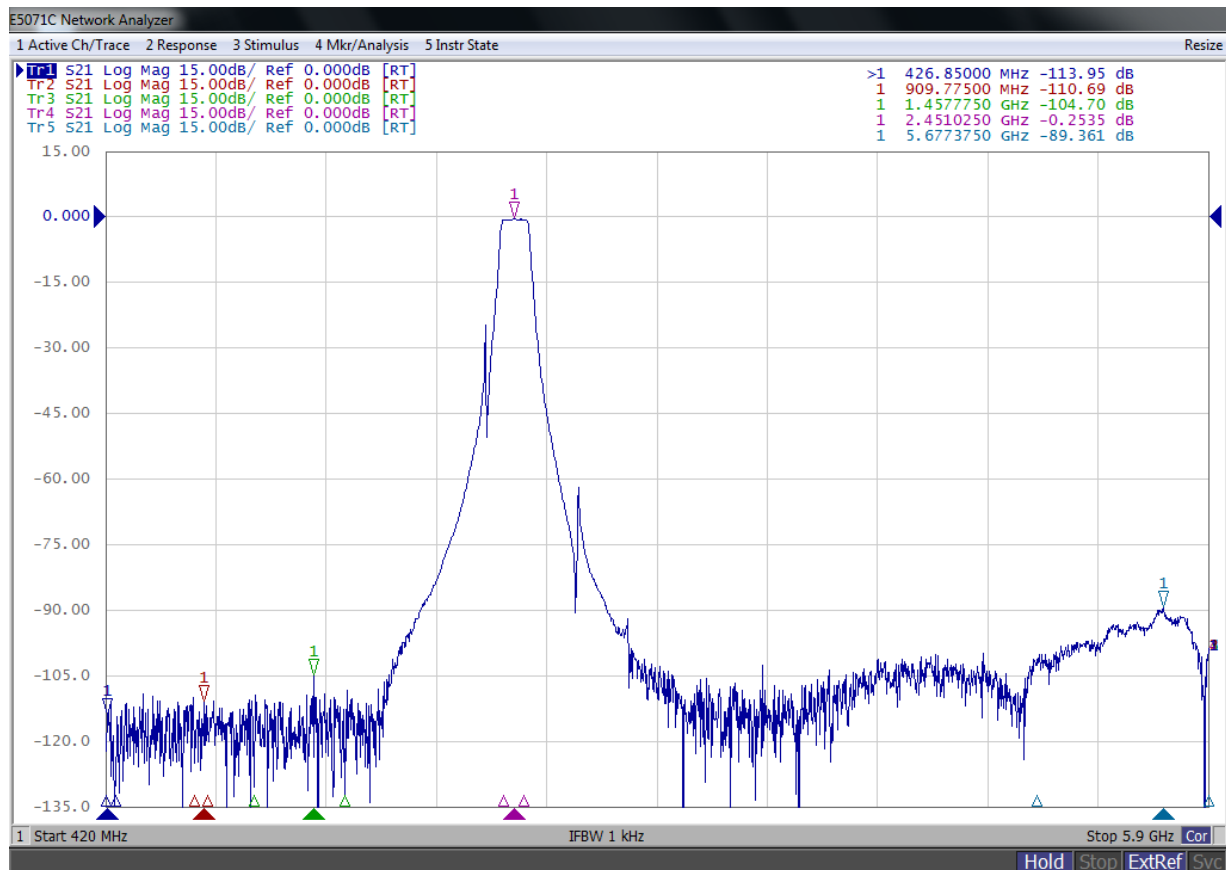
[P3 Main]



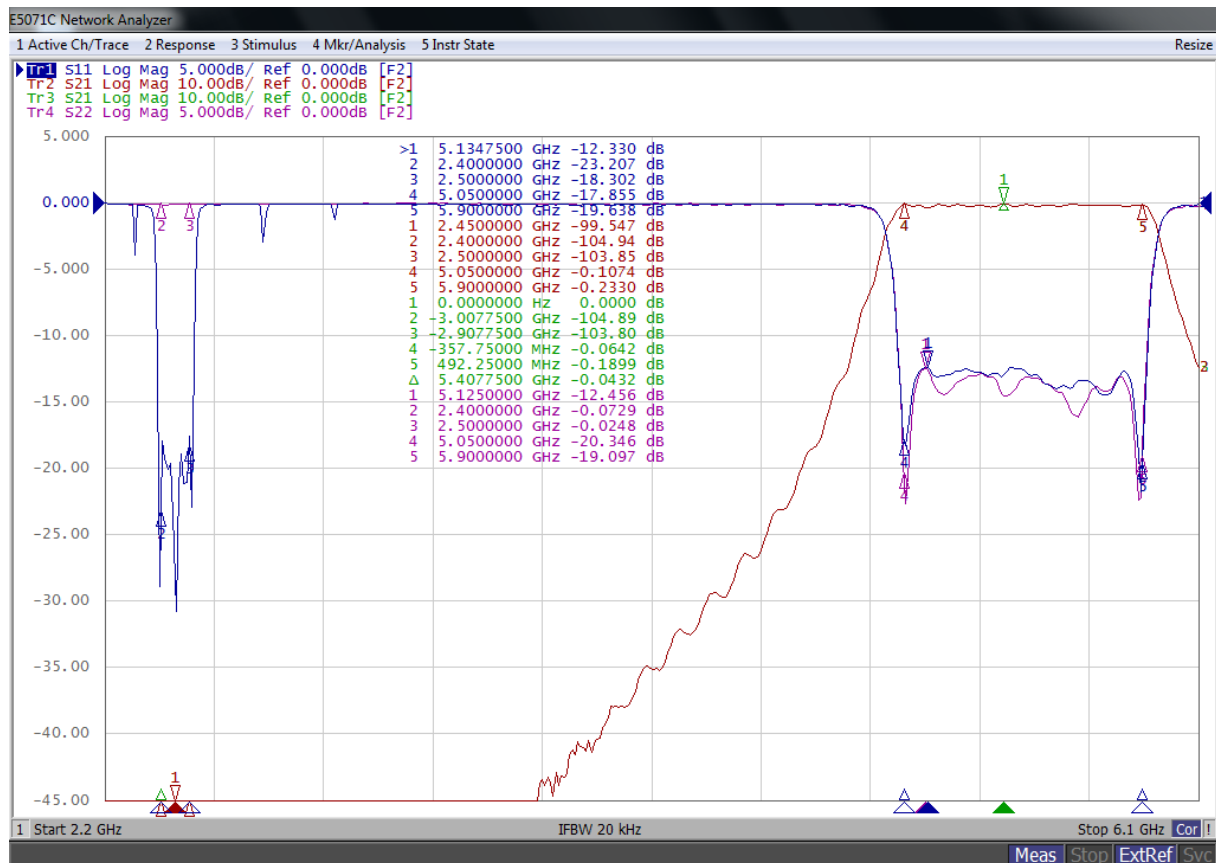
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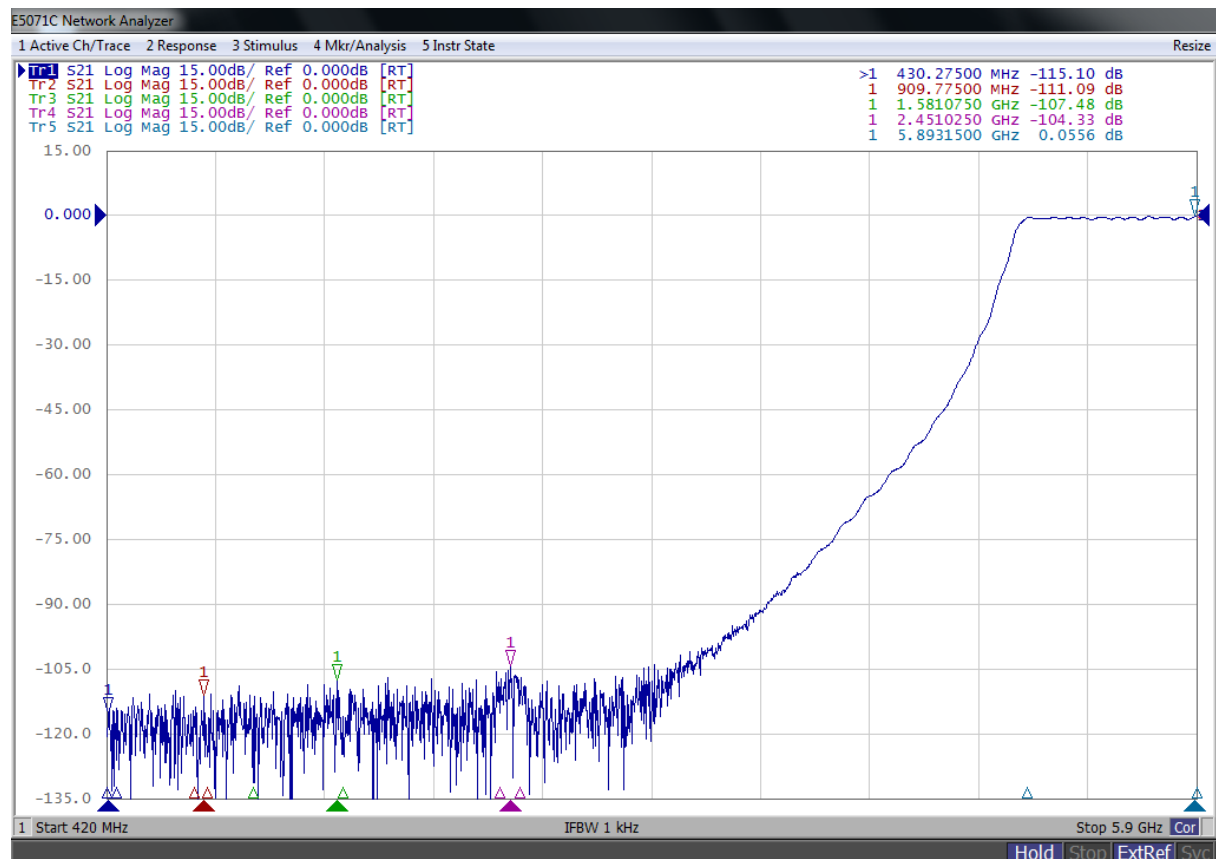
[P4 Main]



[P4 Isolation]



[P5 Main]



[P5 Isolation]