

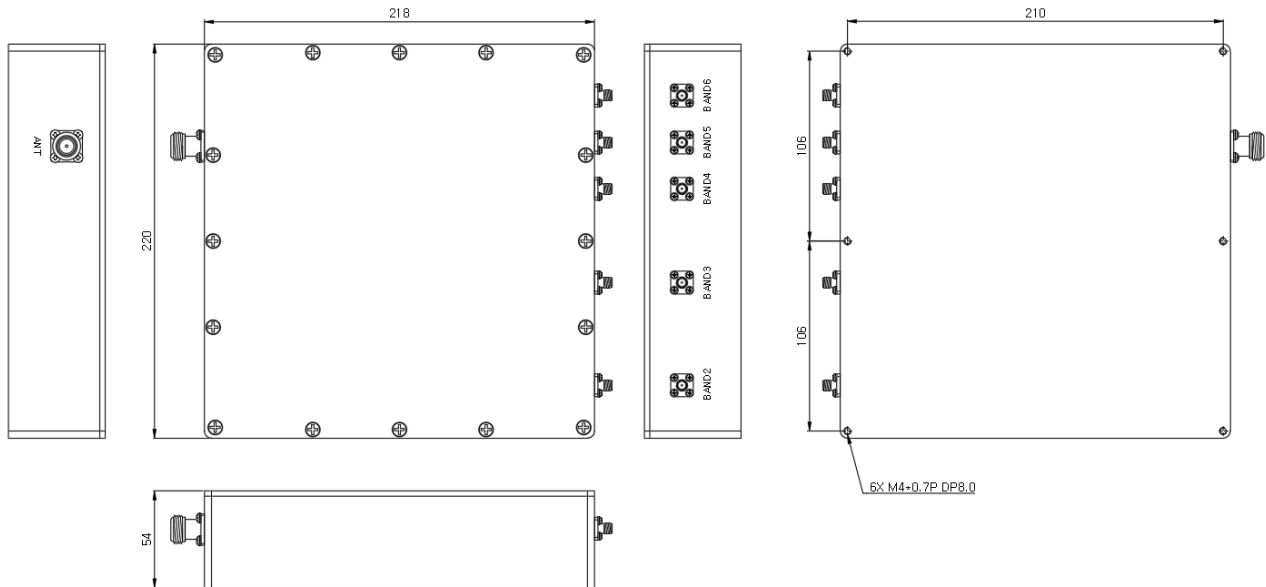
PRODUCT SPECIFICATION FOR INFORMATION

PRELIMINARY SPECIFICATION

Product Name : 5-Plexer for 8-Plexer
Part No : MMP-5COM_700-2700MS-A-R1

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2025.04.03	Jeffrey Chung	Michael Jeon
2	R1	1. Change output connector 2. Frequency exchange of band5 and band 6	2025.04.14	Jeffrey Chung	Michael Jeon

■ Mechanical Drawing



NOTE

Input Connector : SMA(F) 4 Holes

Output Connector : N-Type(F)

Finish : Black painting

■ Electrical Specification

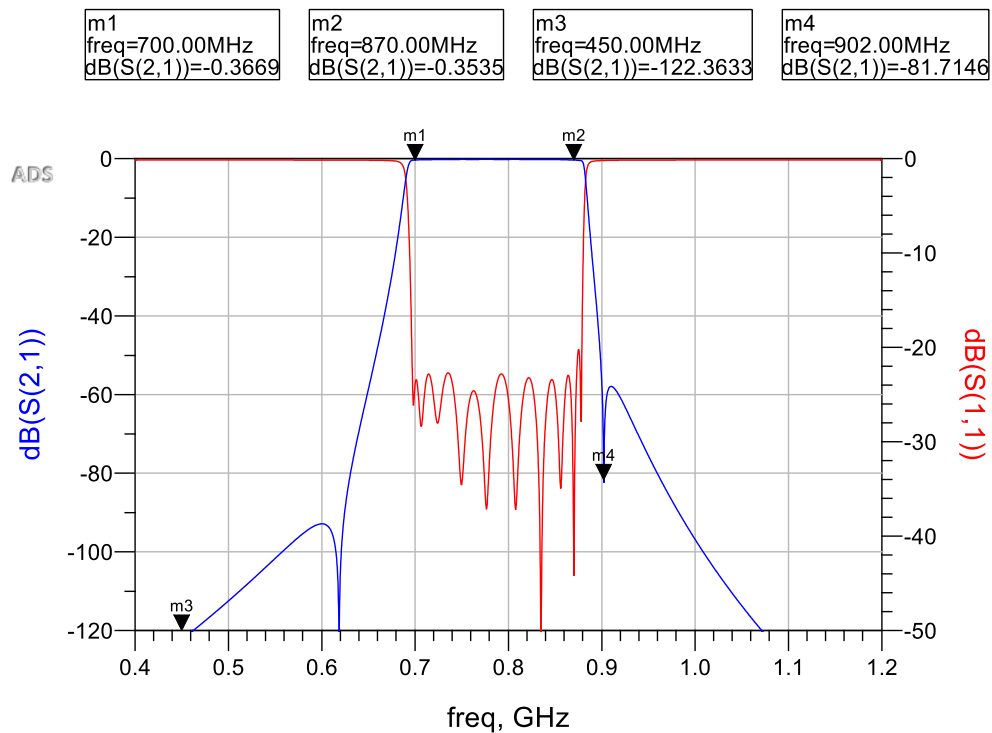
Parameter		Specification	Remark
1. Pass Band Frequency	Band2	700MHz~870MHz	OK
	Band3	902MHz~960MHz	OK
	Band4	1100MHz~1610MHz	OK
	Band5	1805MHz~2170MHz	OK
	Band6	2400MHz~2700MHz	OK
2. Insertion Loss	Band2	0.7dB Max.	Proposal
	Band3	0.7dB Max.	Proposal
	Band4	0.7dB Max.	Proposal
	Band5	0.7dB Max.	Proposal
	Band6	0.7dB Max.	Proposal
3. RF Power	Band2	20 W Max.	OK
	Band3	50 W Max.	OK
	Band4	50 W Max.	OK
	Band5	50 W Max.	OK
	Band6	50 W Max.	OK
4. Return Loss		15dB Min.	OK
5. Isolation		50dB Min.	OK
6. Dimension		220.0 x 218.0 x 54.0 mm	Proposal
7. Impedance		50Ω	OK
8. Operating temp		-20 ~ +65 °C	OK
9. Application		Outdoor IP67	OK
10. Connector		ANT port : N(F) Inputs : SMA (F)	OK
11. Finish		Black Paint	OK

Remarks: This is a preliminary datasheet for reference. The final performance is subject to the sample.

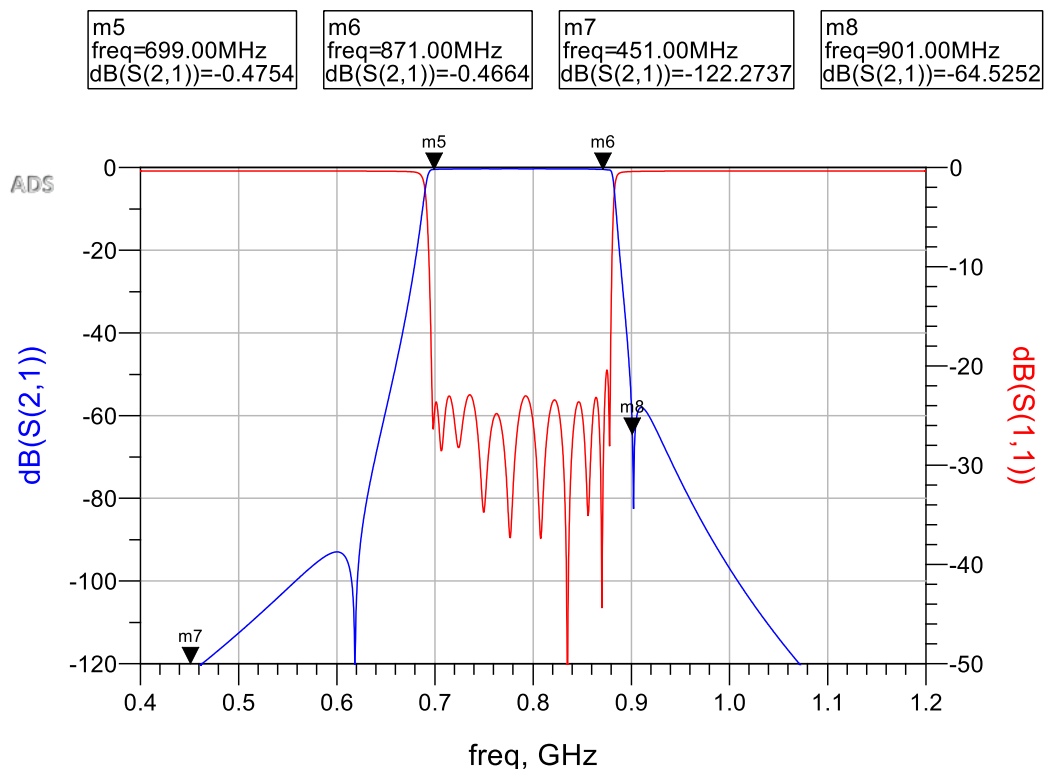
■ Simulation Curve

< Band 2 >

Room Temp

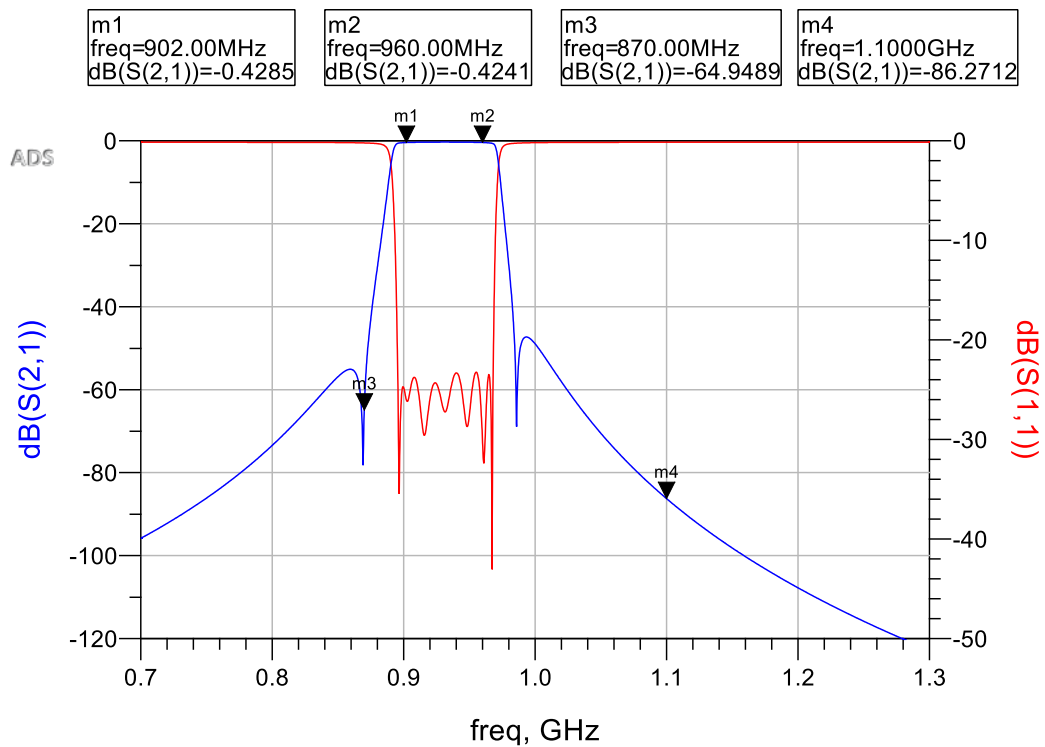


Over Temp.

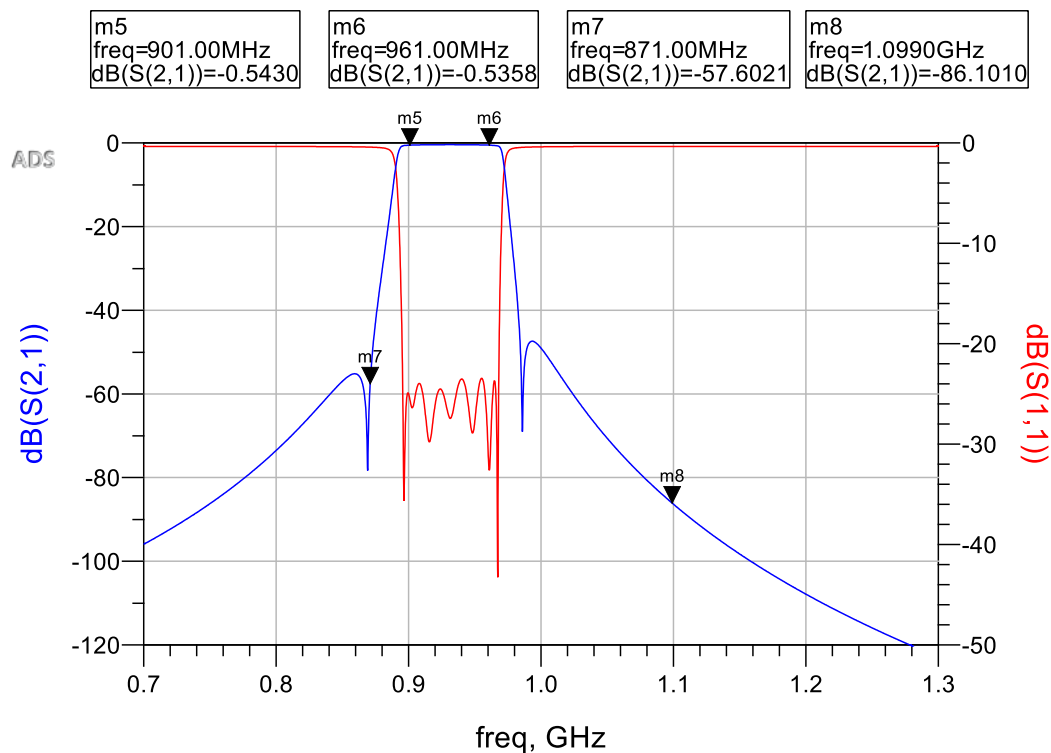


< Band 3 >

Room Temp

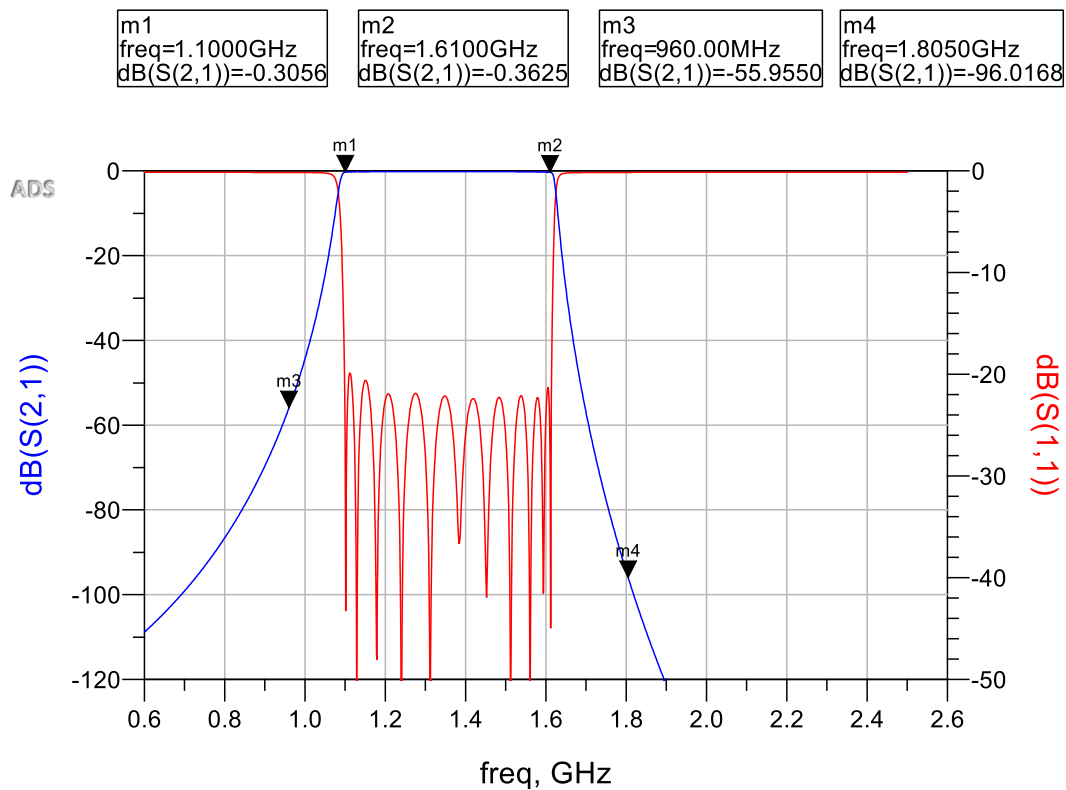


Over Temp.

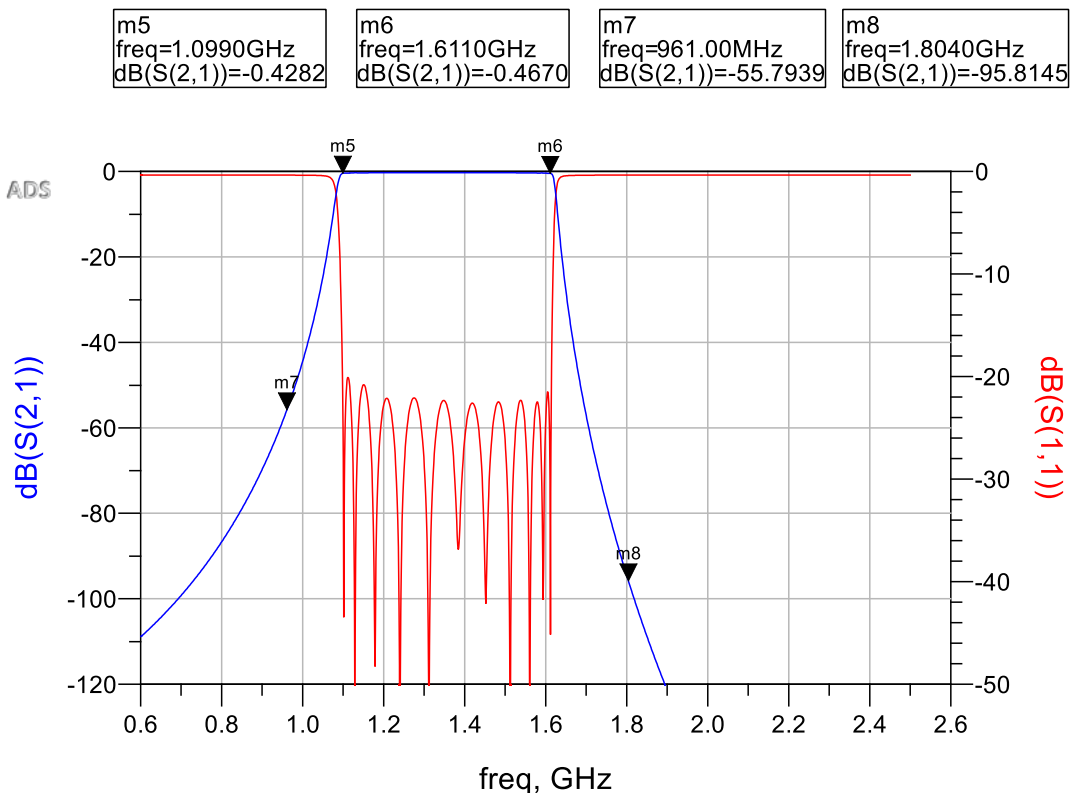


< Band 4 >

Room Temp

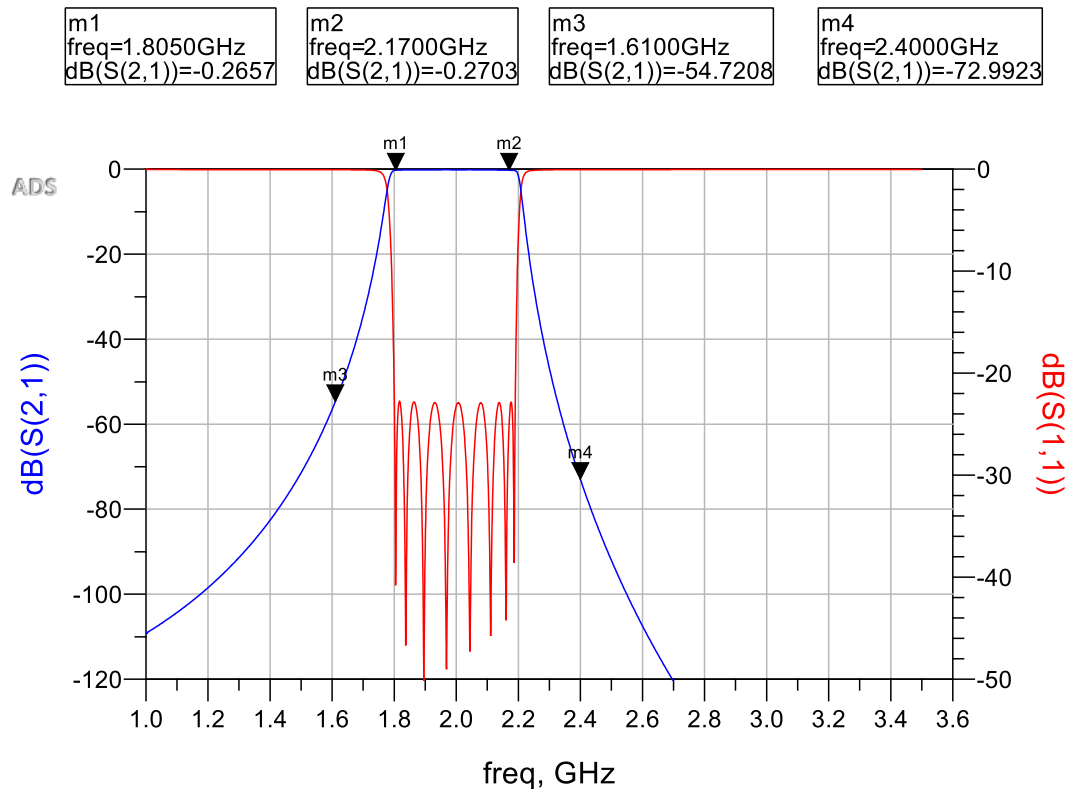


Over Temp.

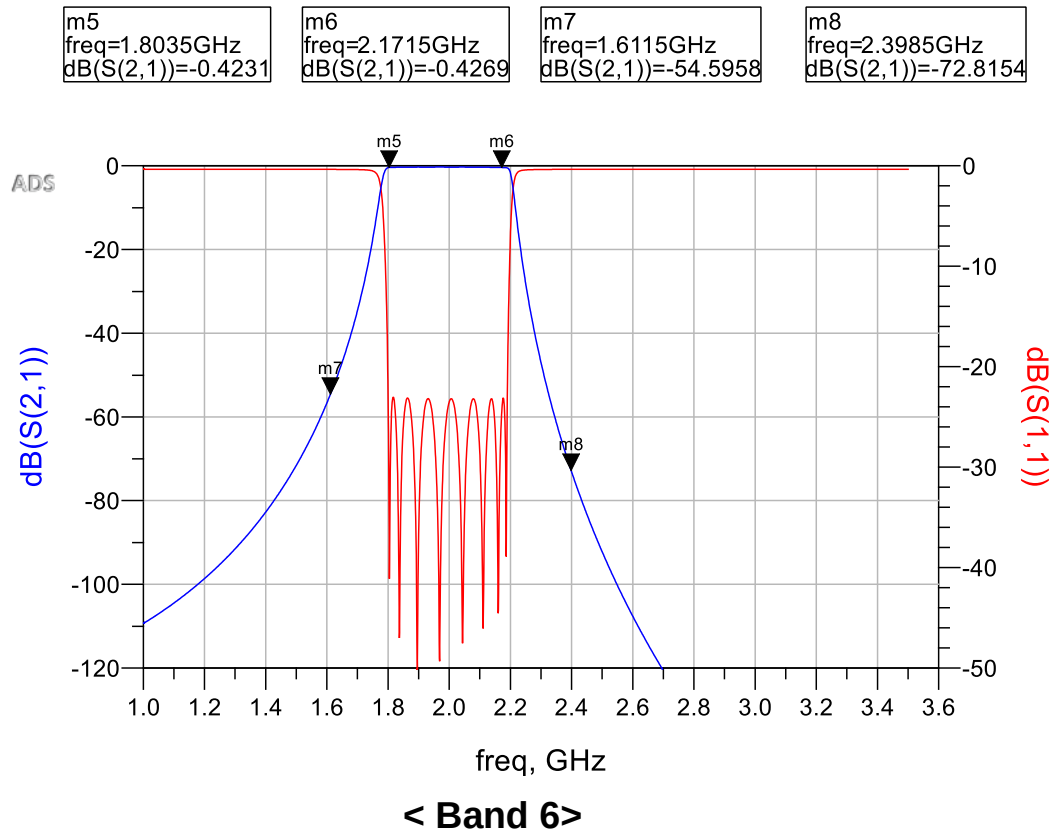


< Band 5 >

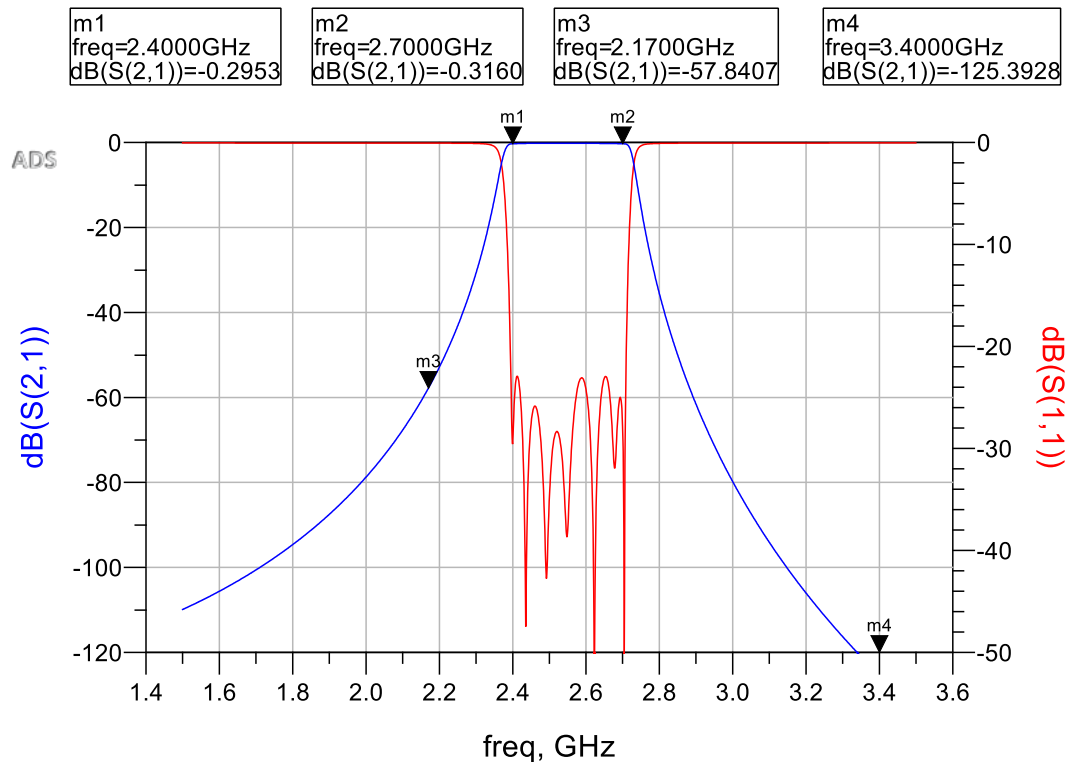
Room Temp



Over Temp.



Room Temp



Over Temp.

