PRODUCT SPECIFICATION FOR INFORMATION

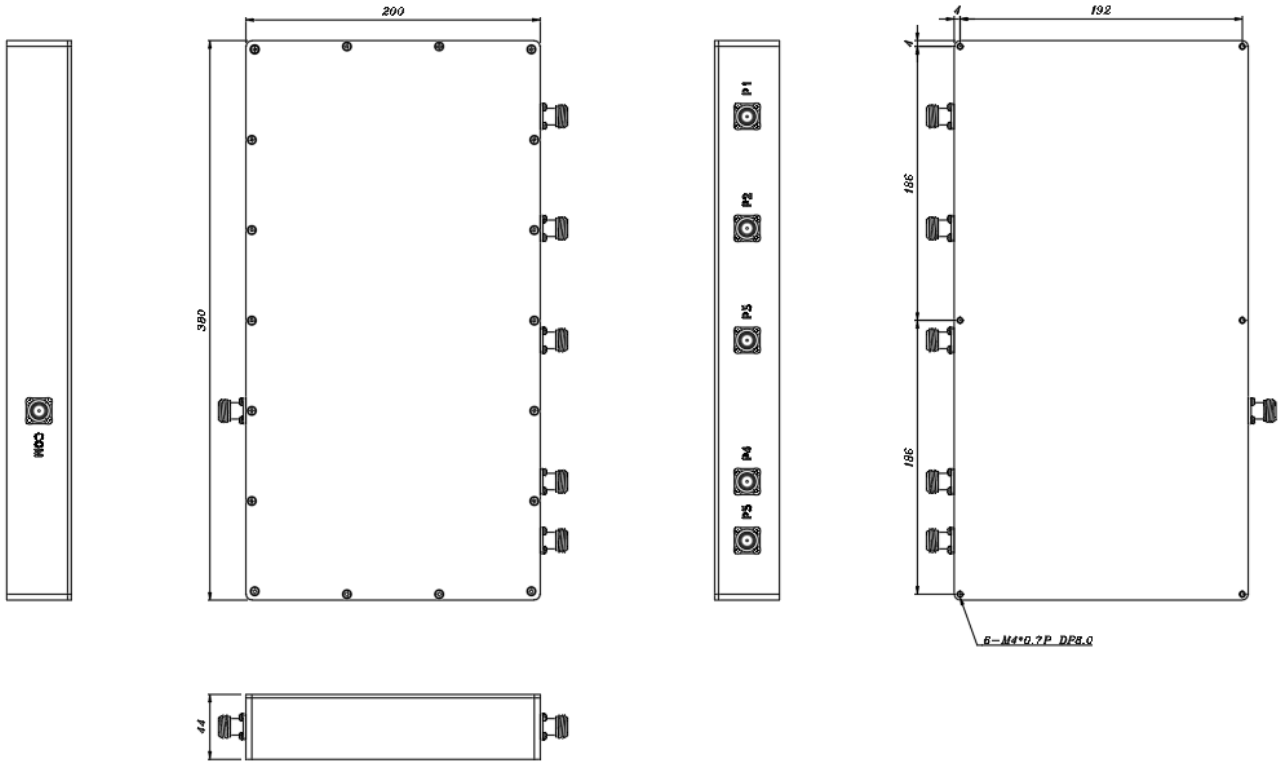
FINAL SPECIFICATION

Product Name : LTE_D Multiplexer

Part No : MMP-5COM_758-2690MN-A-R0

	Rev. No.	Description	Date	Author	Final Approver
1	R0	Draft	2024.05.22	Jeffrey Chung	Michael Jeon

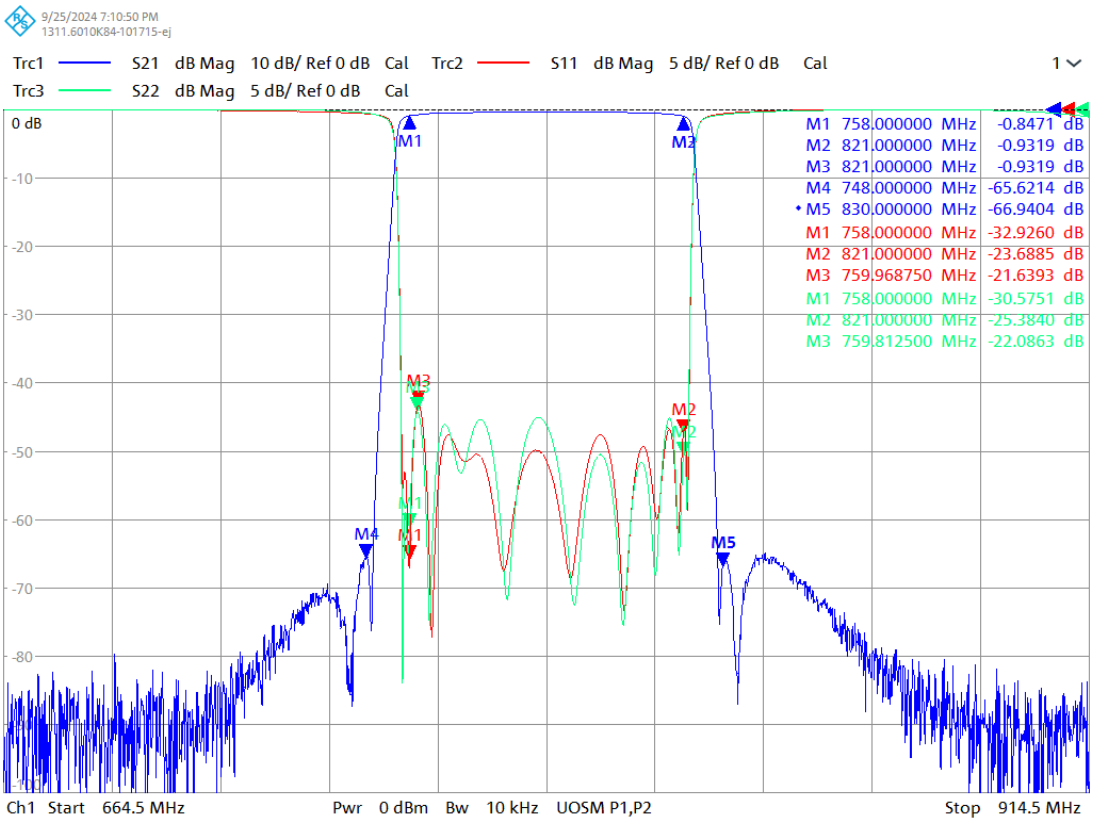
■ Mechanical Drawing



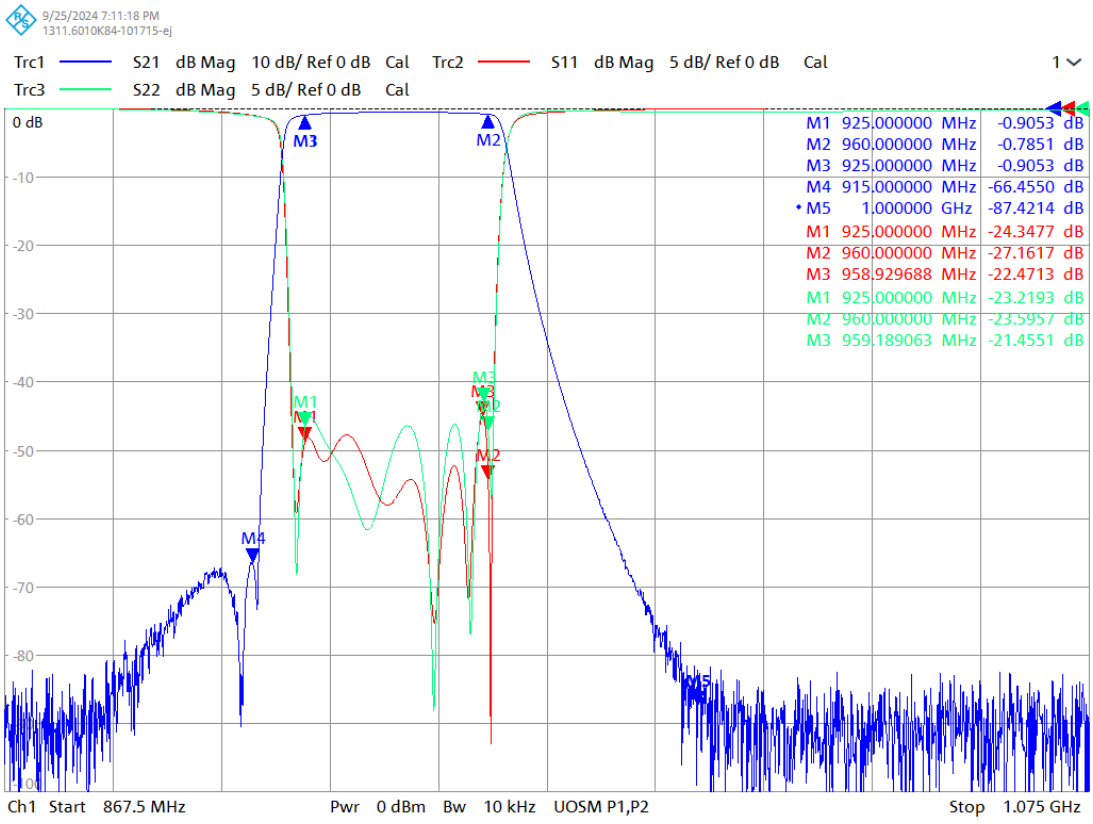
■ Electrical Specification

Parameter		Specification	Remark
1. Pass Band Frequency	P1	758MHz~821MHz	
	P2	925MHz~960MHz	
	P3	1805MHz~1880MHz	
	P4	2110MHz~2170MHz	
	P5	2620MHz~2690MHz	
	COM	Combined Port	
2. Insertion Loss (COM ↔ Port 1-5)	P1	1.1dB Max.	
	P2	1.1dB Max.	
	P3	0.9dB Max.	
	P4	0.8dB Max.	
	P5	1.3dB Max.	
3. Input Power	P1	50W Max.	
	P2	50W Max.	
	P3	50W Max.	
	P4	50W Max.	
	P5	50W Max.	
	COM	250W Max.	
4. Rejection : 60dB Min.	P1	748 / 830 MHz	
	P2	915 / 1000 MHz	
	P3	1785 / 1920 MHz	
	P4	1980 / 2200 MHz	
	P5	2570 / 2700 MHz	
5. Return Loss		14dB Min.	
6. Isolation		60dB min	
7. DC by-pass		all inputs - output (unidirectional)	
8. Impedance		50Ω	
9. Operating temp		-10 ~ +60 °C	
10. Dimension		380.0 x 200.0 x 44.0mm(Max.)	
11. Connector		N(F)	
12. Finish		Black	

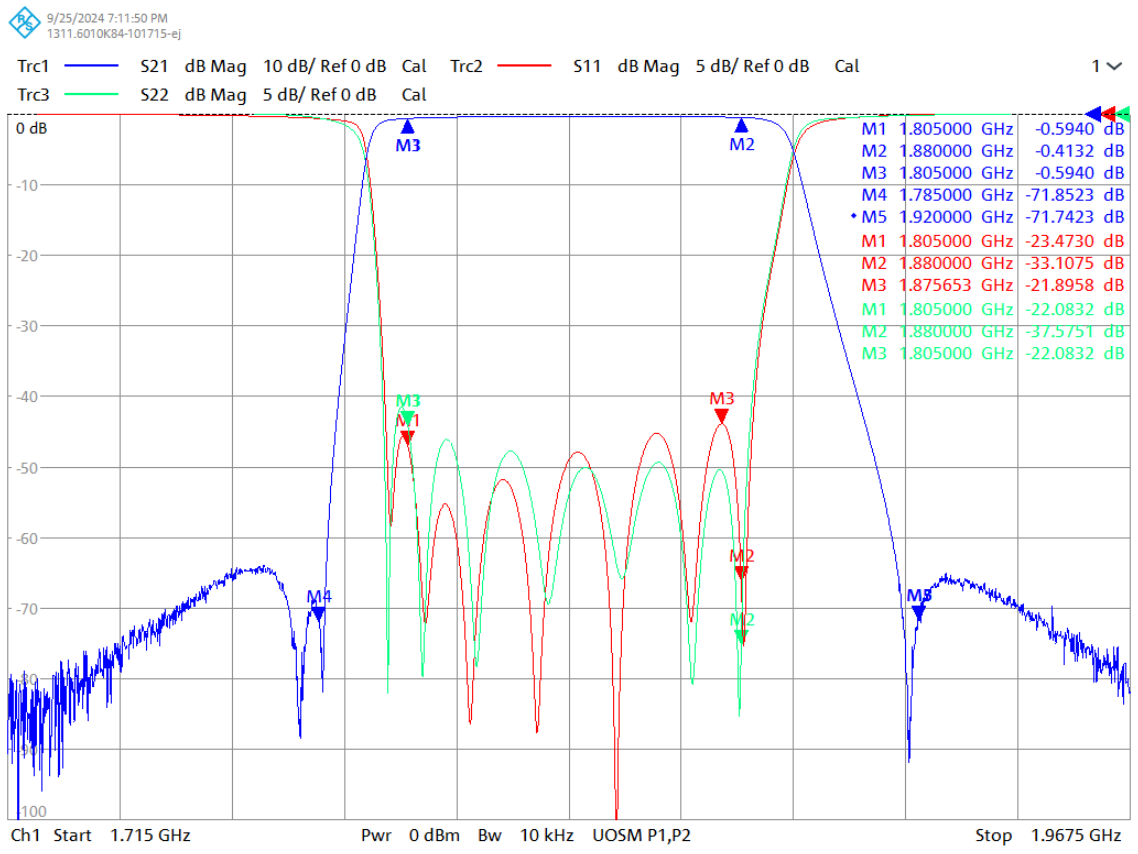
■ Test Curve



[Main P1]



[Main P2]



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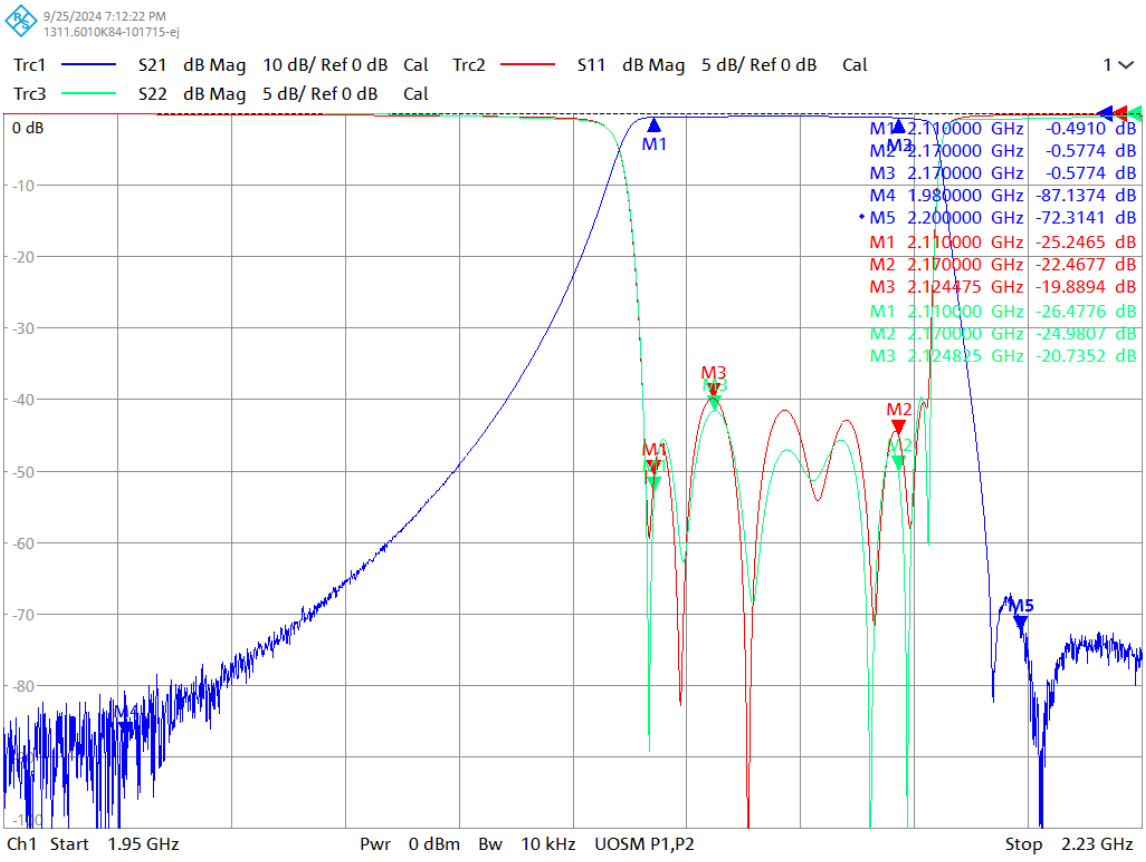
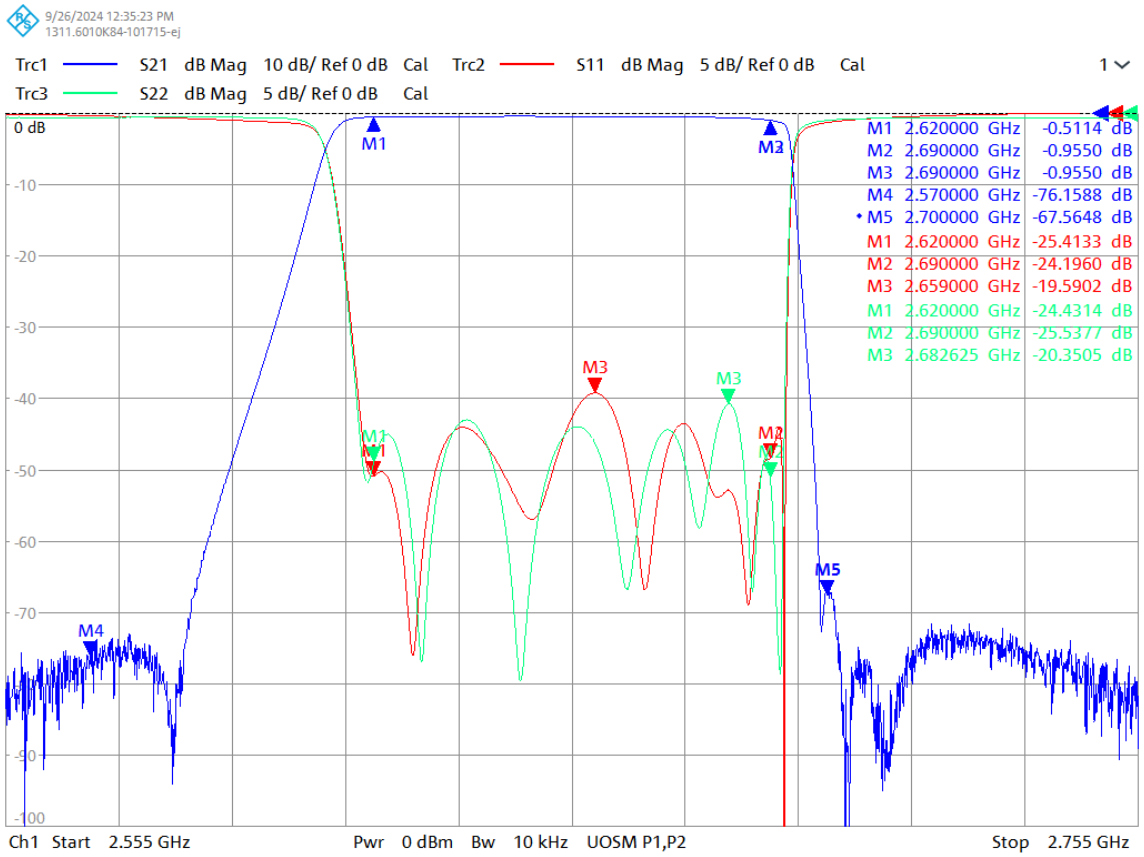
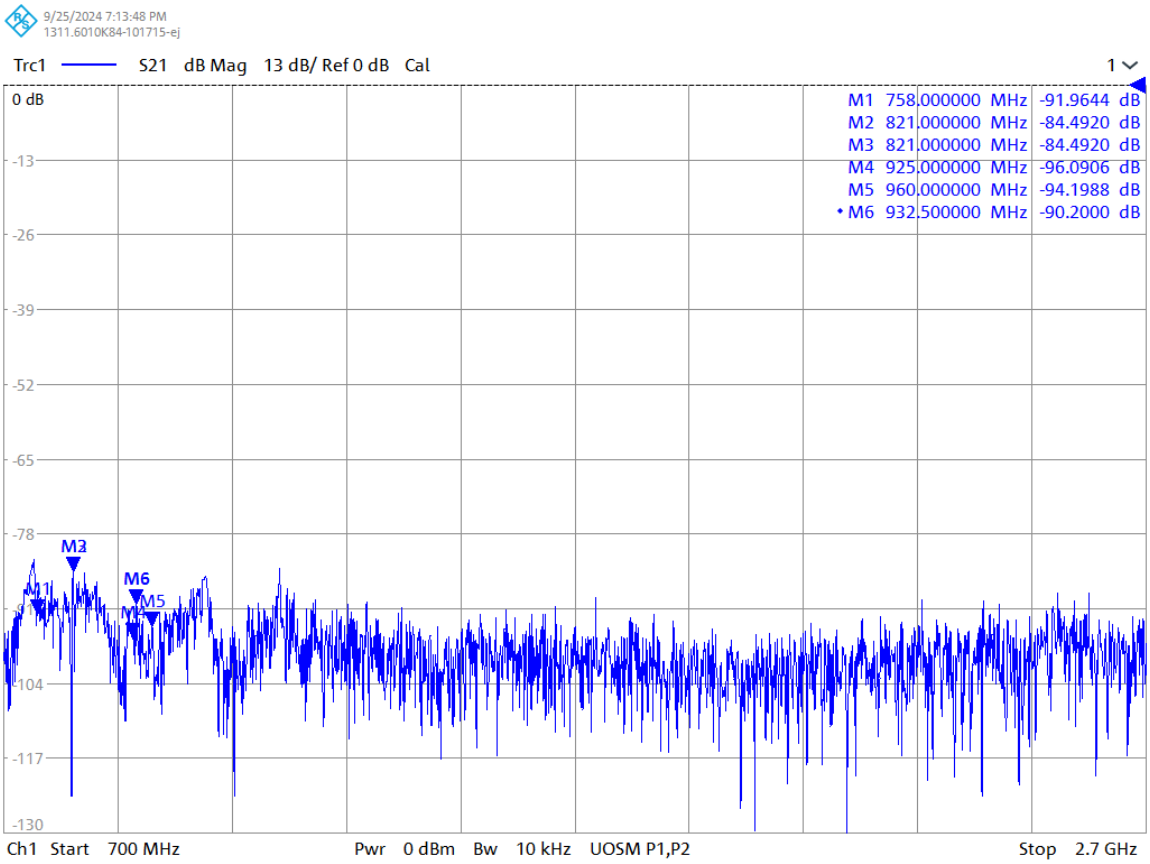


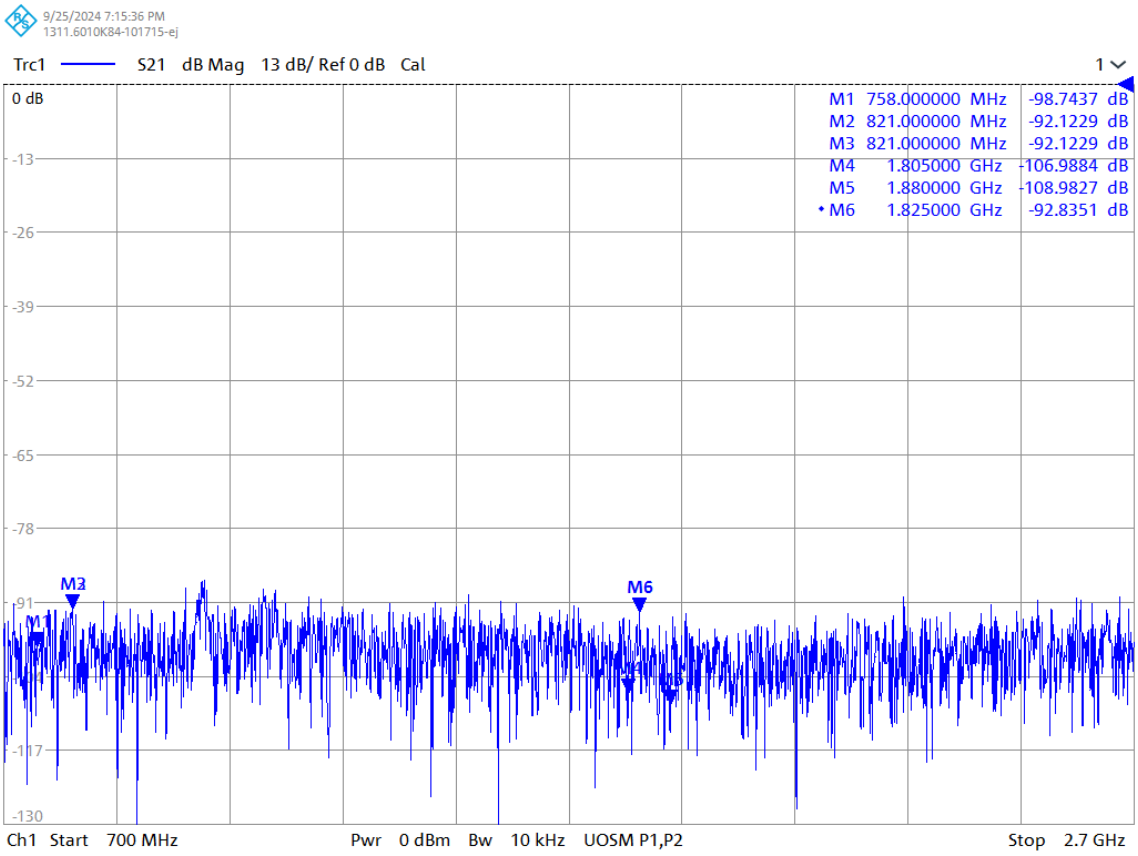
[Main P4]



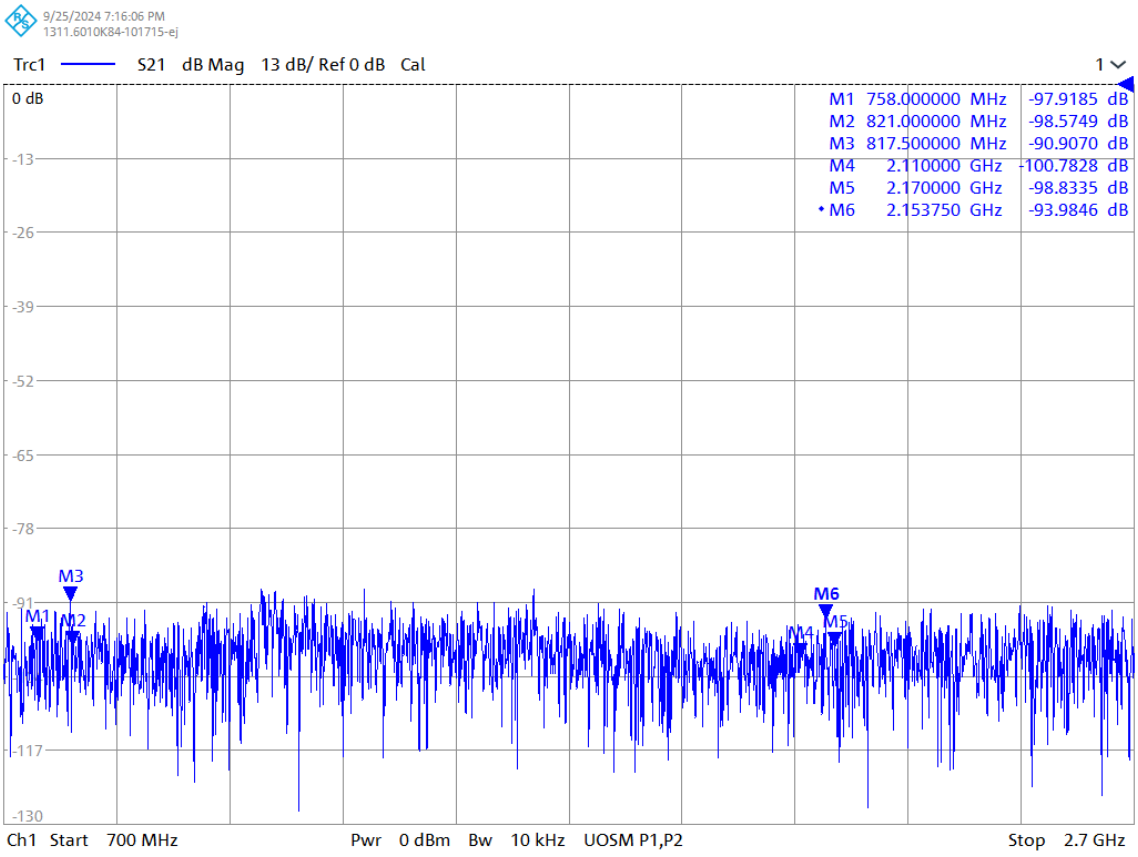
[Main P6]



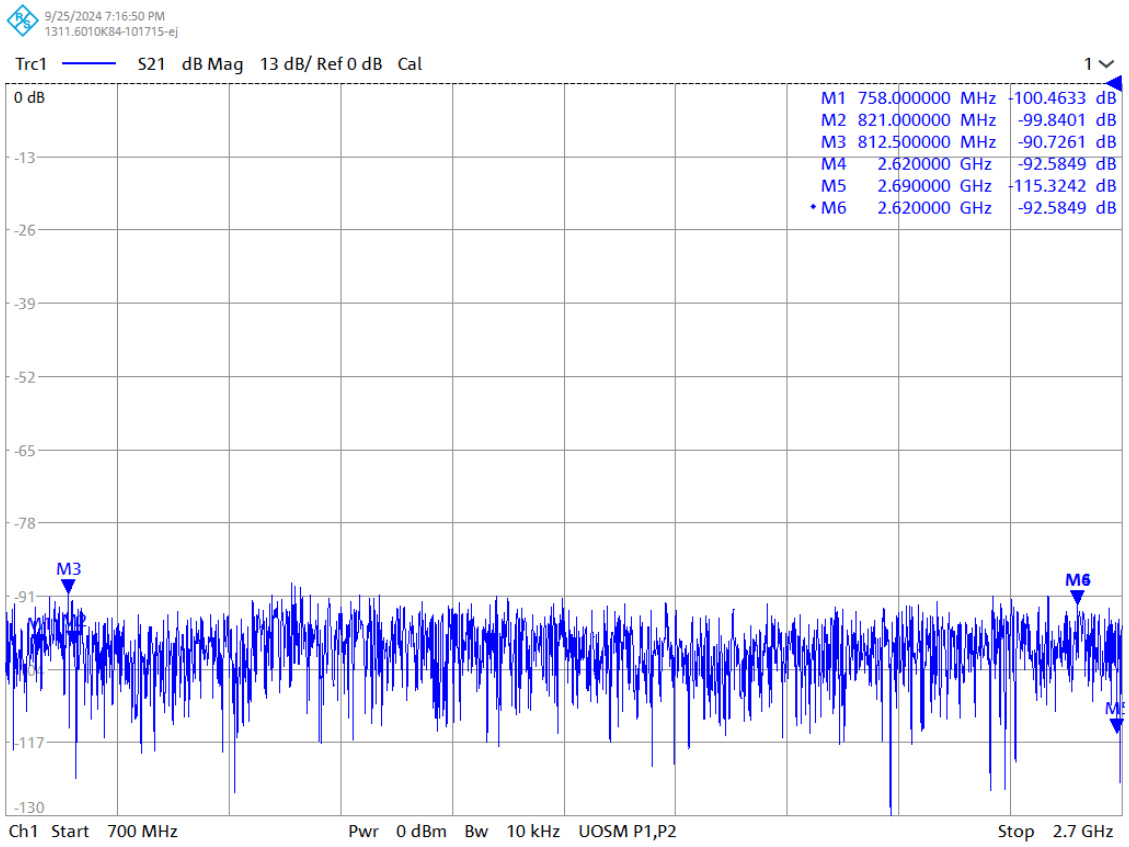
[Isolation P1 & P2]



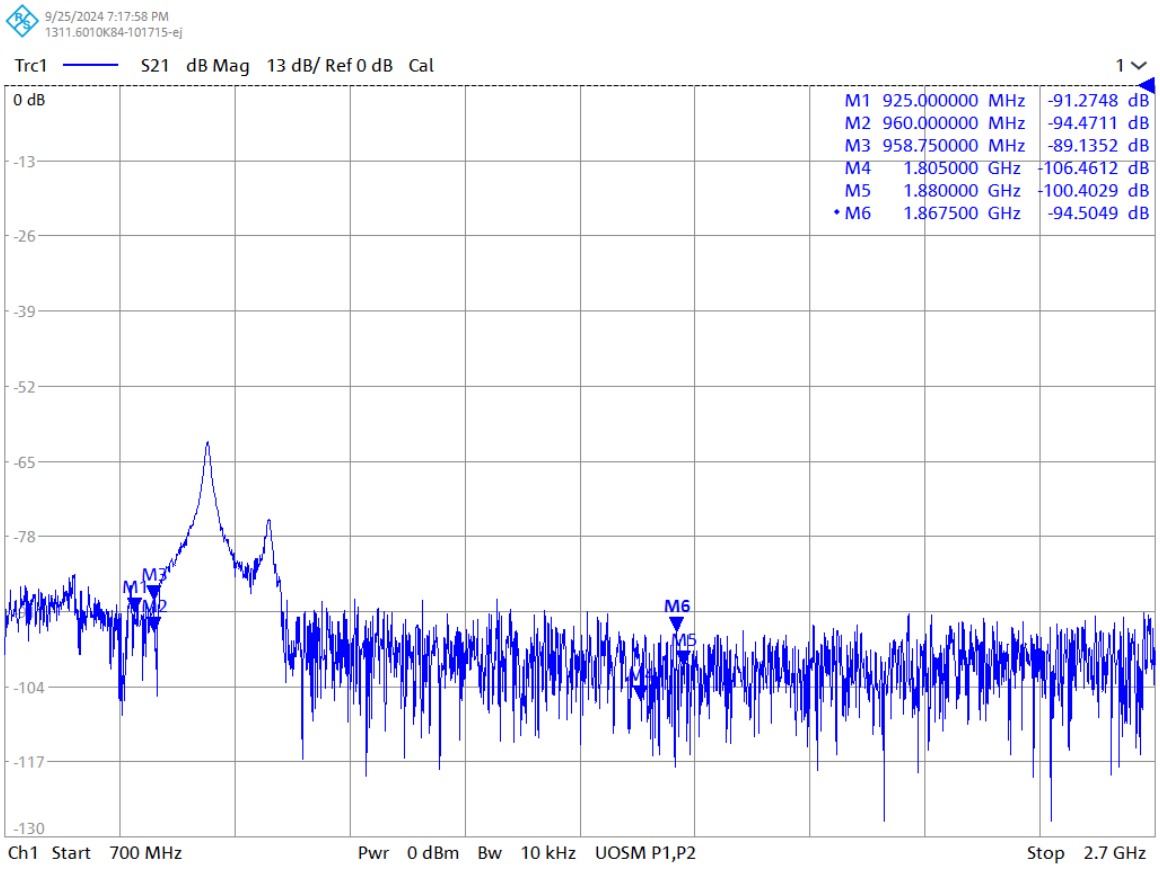
[Isolation P1 & P3]



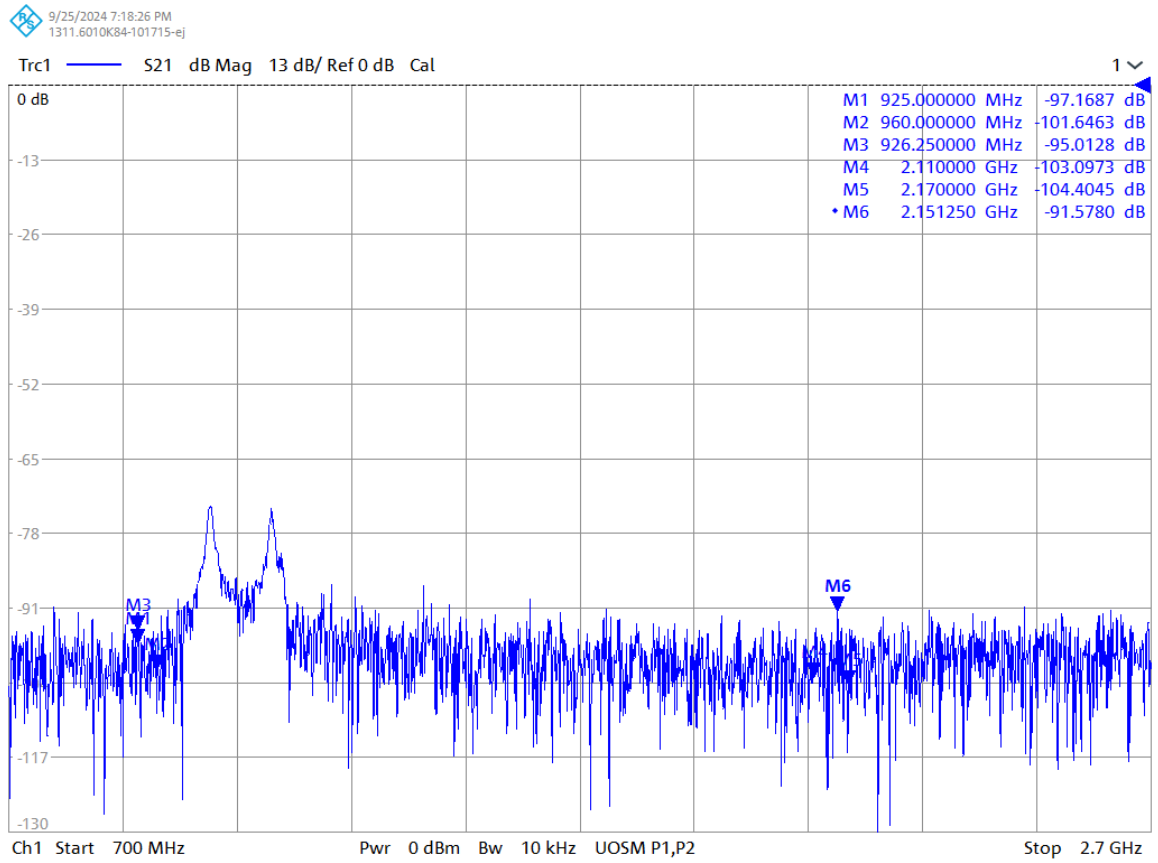
[Isolation P1 & P4]



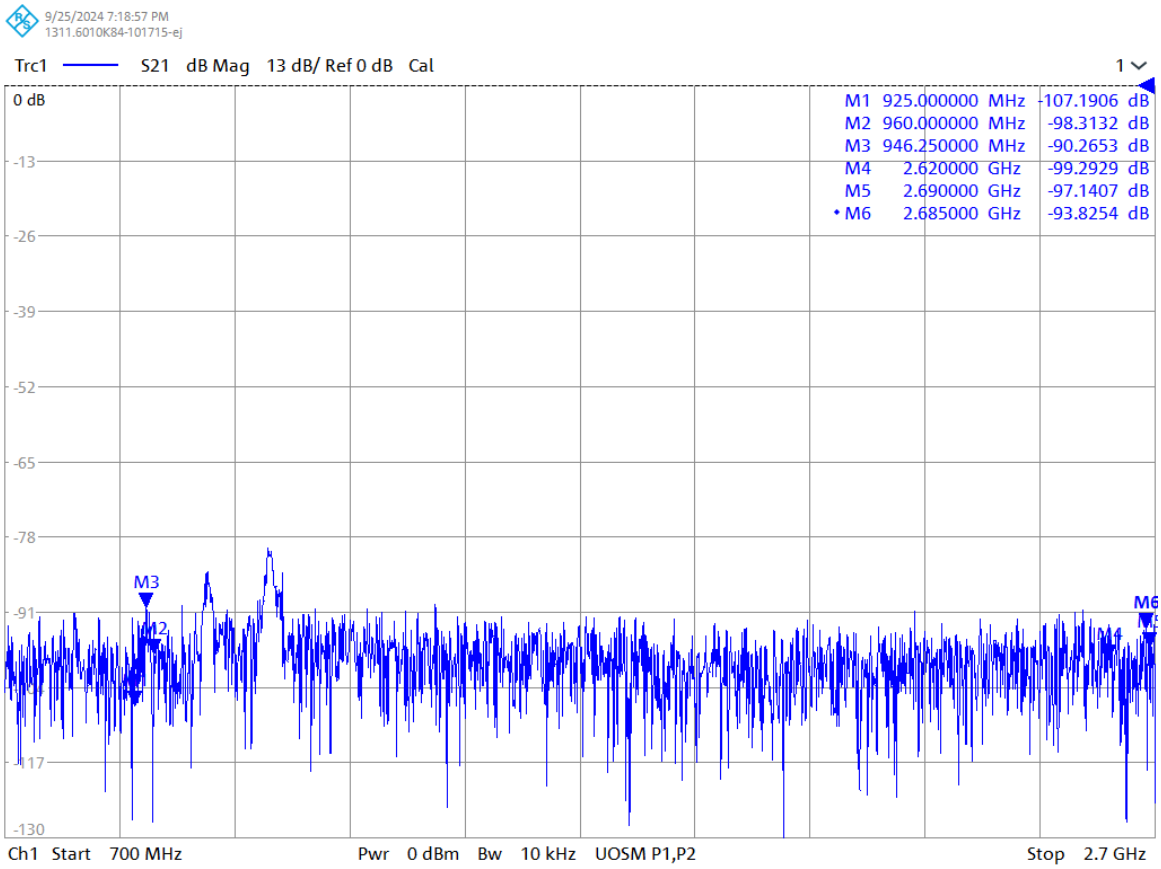
[Isolation P1 & P5]



[Isolation P2 & P3]



[Isolation P2 & P4]



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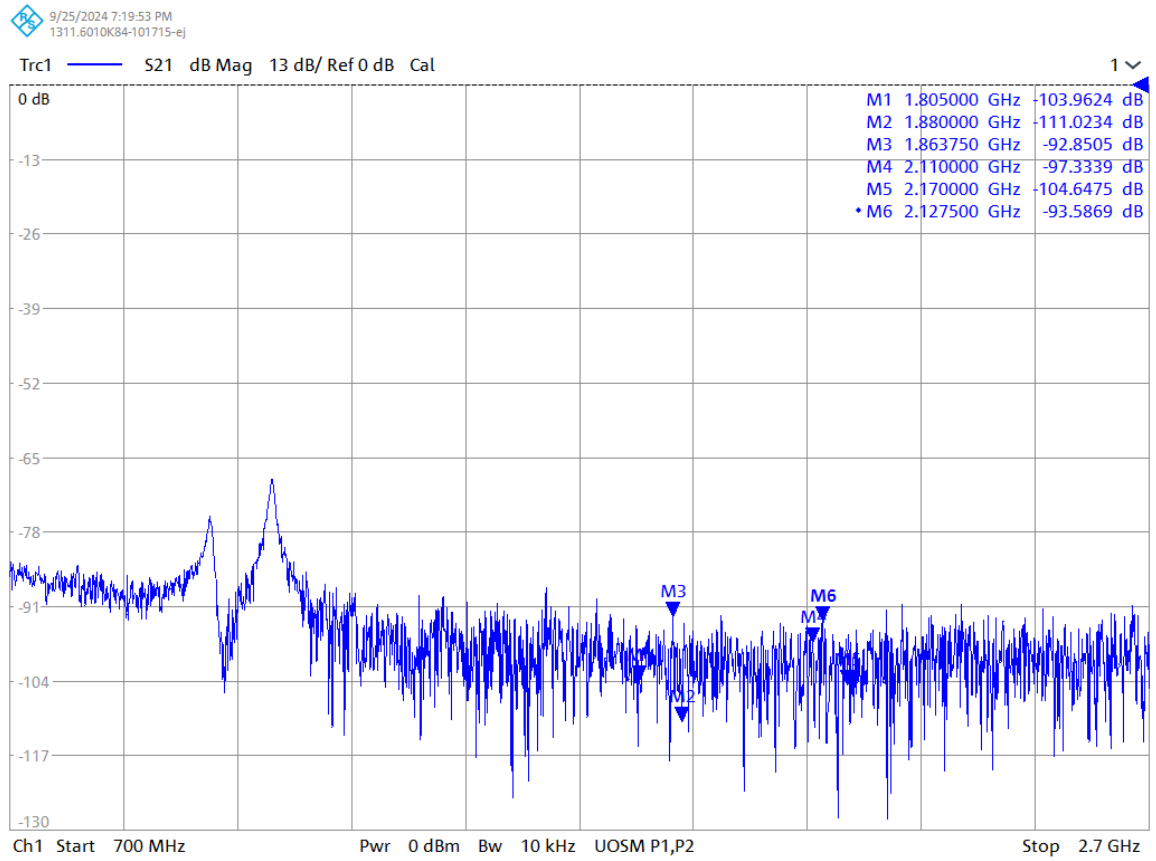
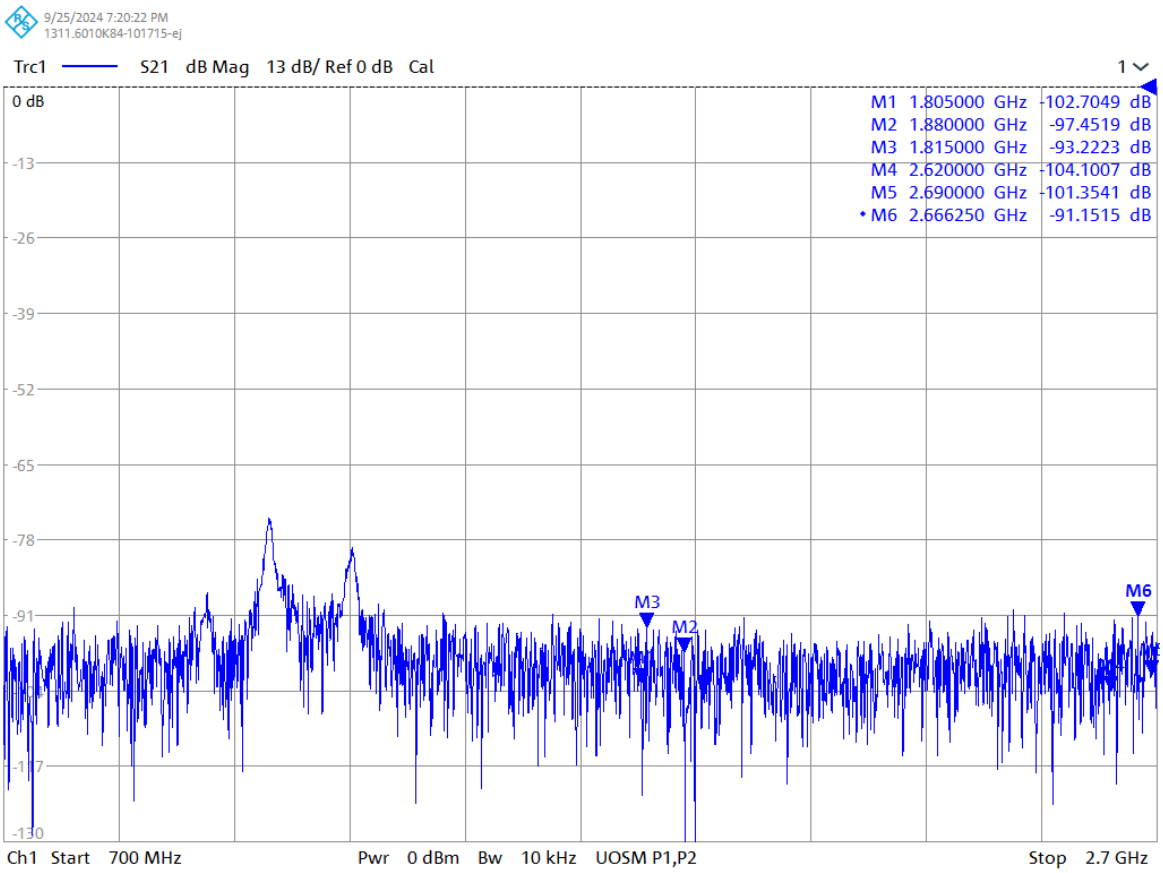
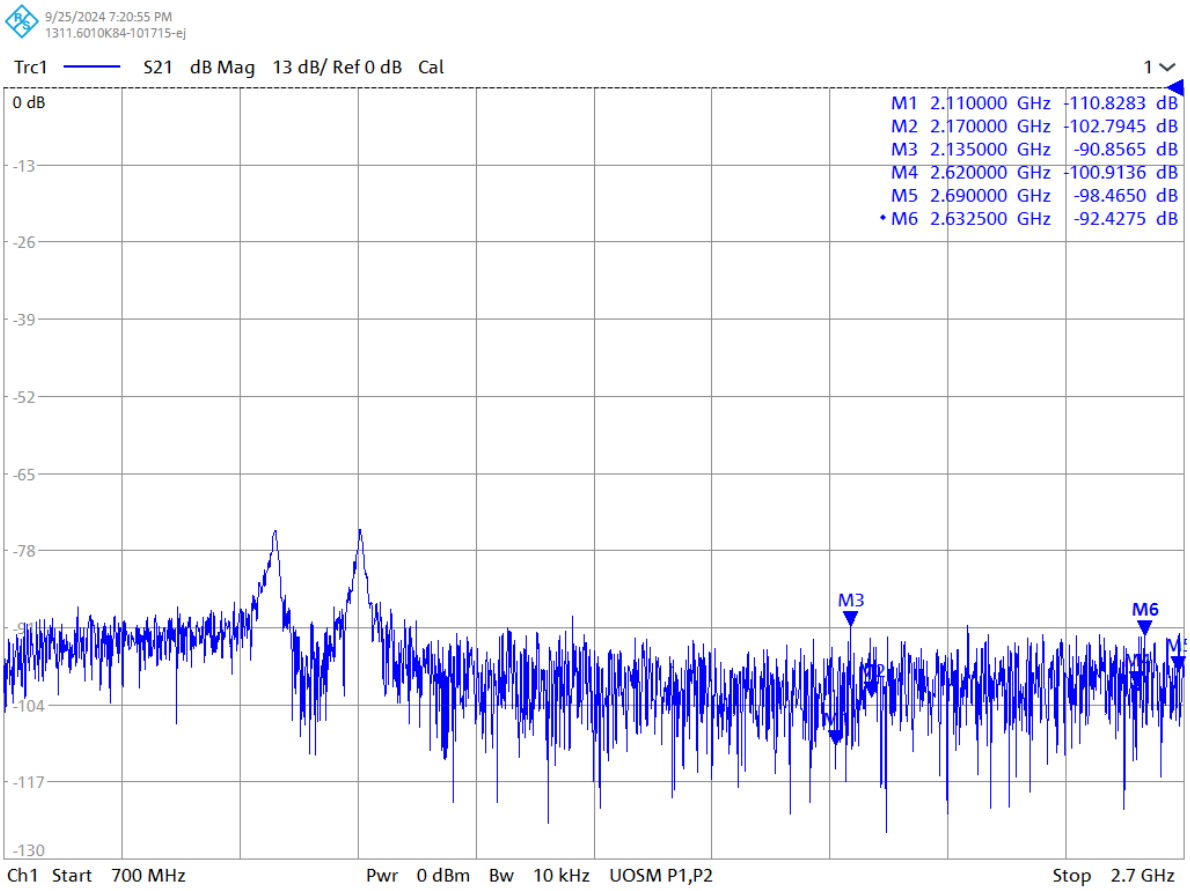


[Isolation P3 & P4]



[Isolation P3 & P5]



[Isolation P4 & P5]