

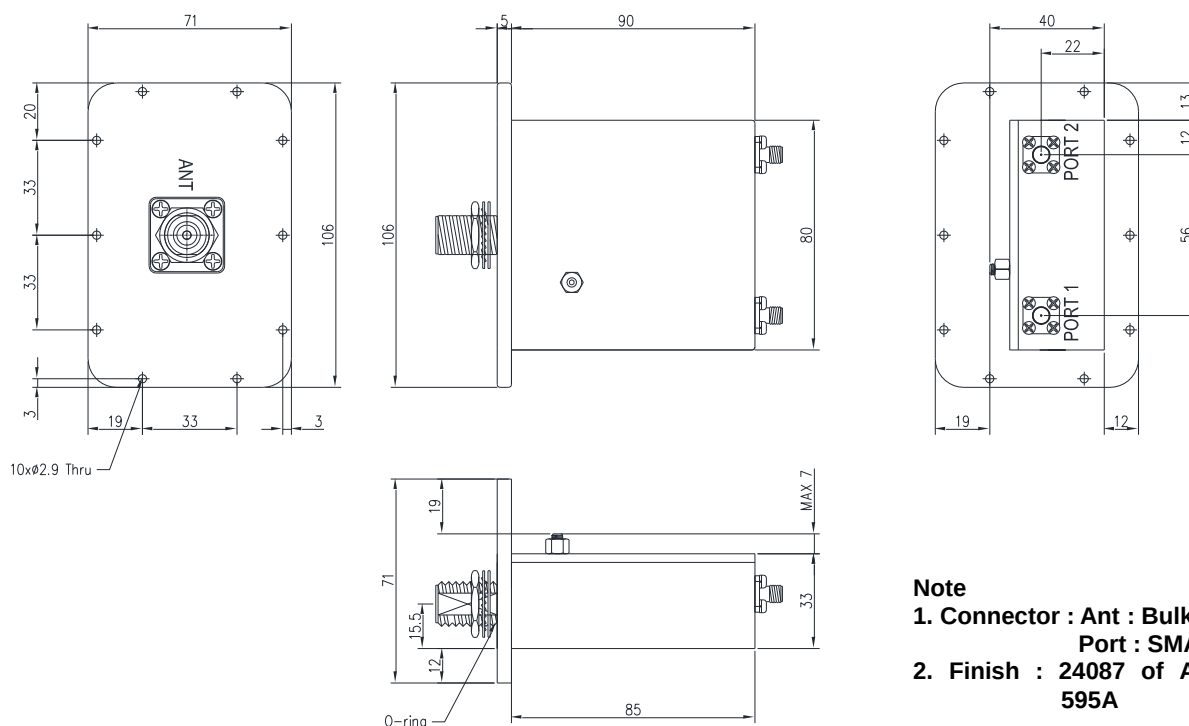
PRELIMINARY SPECIFICATION

Product Name : Band3 Cavity Diplexer
Part No : MDI-C1747.5-C1842.5_75_75MN-A-TP1

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.06.25	Bryan Jeon	Michael Jeon
2	-	Has changed mount holes	2020.06.29	Bryan Jeon	Michael Jeon
3	-	Has changed mount holes-2 ND	2020.07.08	Bryan Jeon	Michael Jeon
		Has changed mount holes-3 rd And changed Port Position	2020.07.23	Bryan Jeon	Michael Jeon

PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



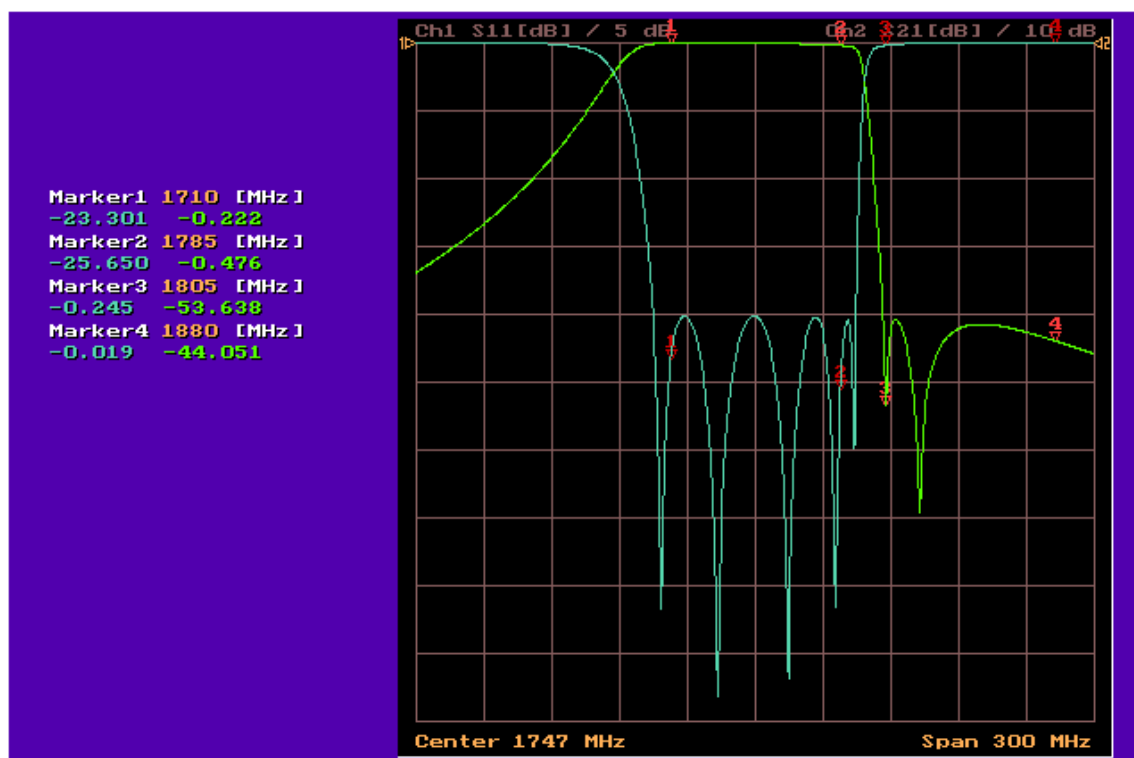
Note

1. Connector : Ant : Bulk-N Port : SMA
2. Finish : 24087 of AMS-STD-595A

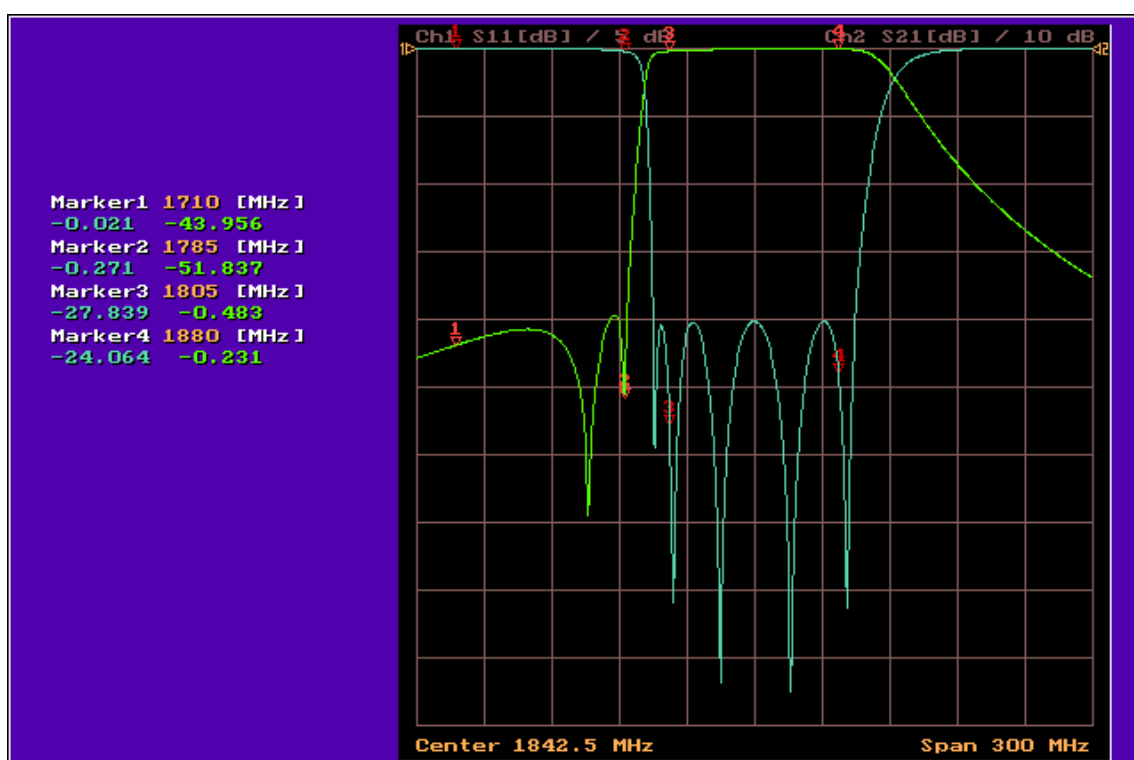
■ Electrical Specification

Parameter	Specification		Remark
1. Frequency Range	PORT1	PORT2	
	1710 ~ 1785MHz	1805 ~ 1880MHz	
2. Center Frequency	1747.5MHz	1842.5MHz	
3. Insertion Loss	0.6dB Max.		
4. Ripple	0.6dB Max.		
5. Return Loss	15dB Min.		
6. Isolation	35dBc Min.		
7. Size	See Mechanical Drawing		mm
8. Input RF Power	10W Avg.Max. 100W Peak		
9. Impedance	50Ω		
10. Operating Temperature	-30 + 55 °C		

■ Simulation Curve



Port-1



Port-2