PRELIMINARY SPECIFICATION

Product Name : Band3 Uplink Cavity BPF

Part No : MBP-C1747.5_75MN-A

.	Rev. No.	Description	Date	Author	Final Approver
1	A	First	2020.06.25	Bryan Jeon	Michael Jeon
2	-	The definition of insertion loss and ripple has changed.	2020.07.28	Bryan Jeon	Michael Jeon

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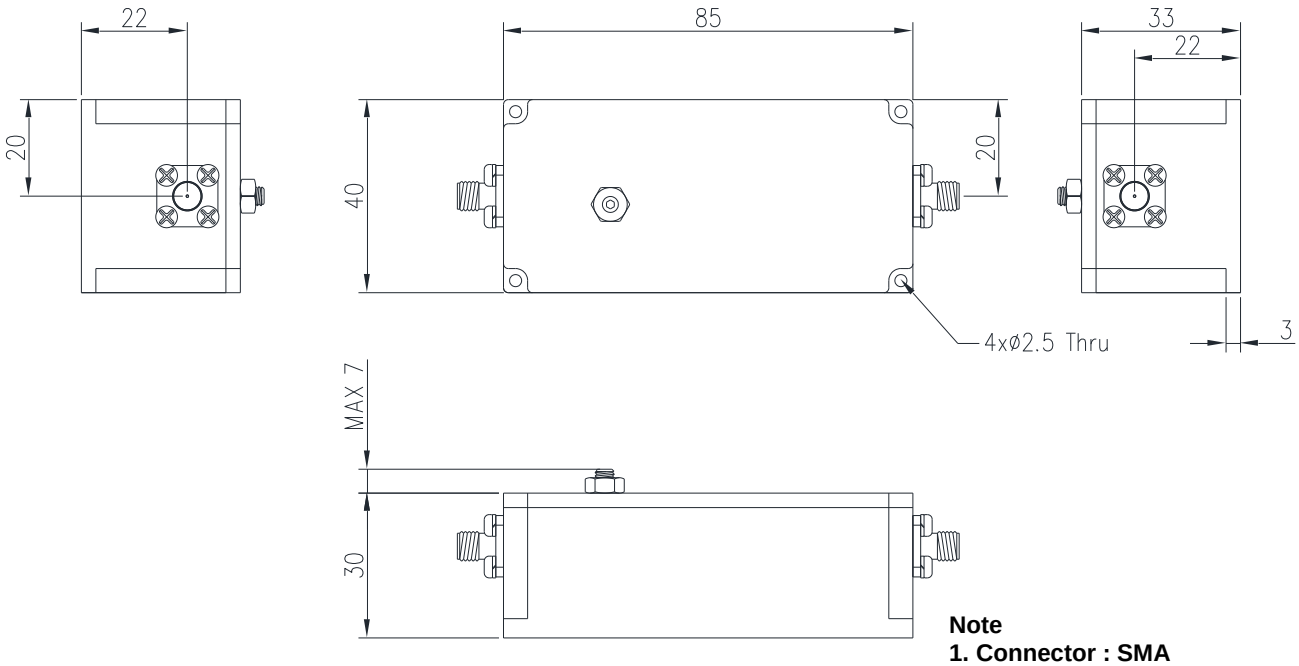
PRODUCT SPECIFICATION FOR INFORMATION

■ Mechanical Drawing



Note
1. Connector : SMA
2. Finish : 24087 of AMS-STD-595A

■ Electrical Specification

Parameter	Specification	Remark
1. Frequency Range	1710 ~ 1785MHz	
2. Center Frequency	1747.5MHz	
3. Average Insertion Loss	0.5dB Max.	(0+IL-max)/2
4. Ripple	0.5dB Max.	(IL-max - Av IL)
5. Return Loss	15dB Min.	
6. Rejection (1805MHz)	55dBc Min.	
7. Rejection (1650MHz)	55dBc Min.	
8. Size	85.0 x 40.0 x 30.0	mm
9. Input RF Power	1W Avg.Max..	
10. Impedance	50Ω	
11.Operating Temperature	-30 + 55℃	

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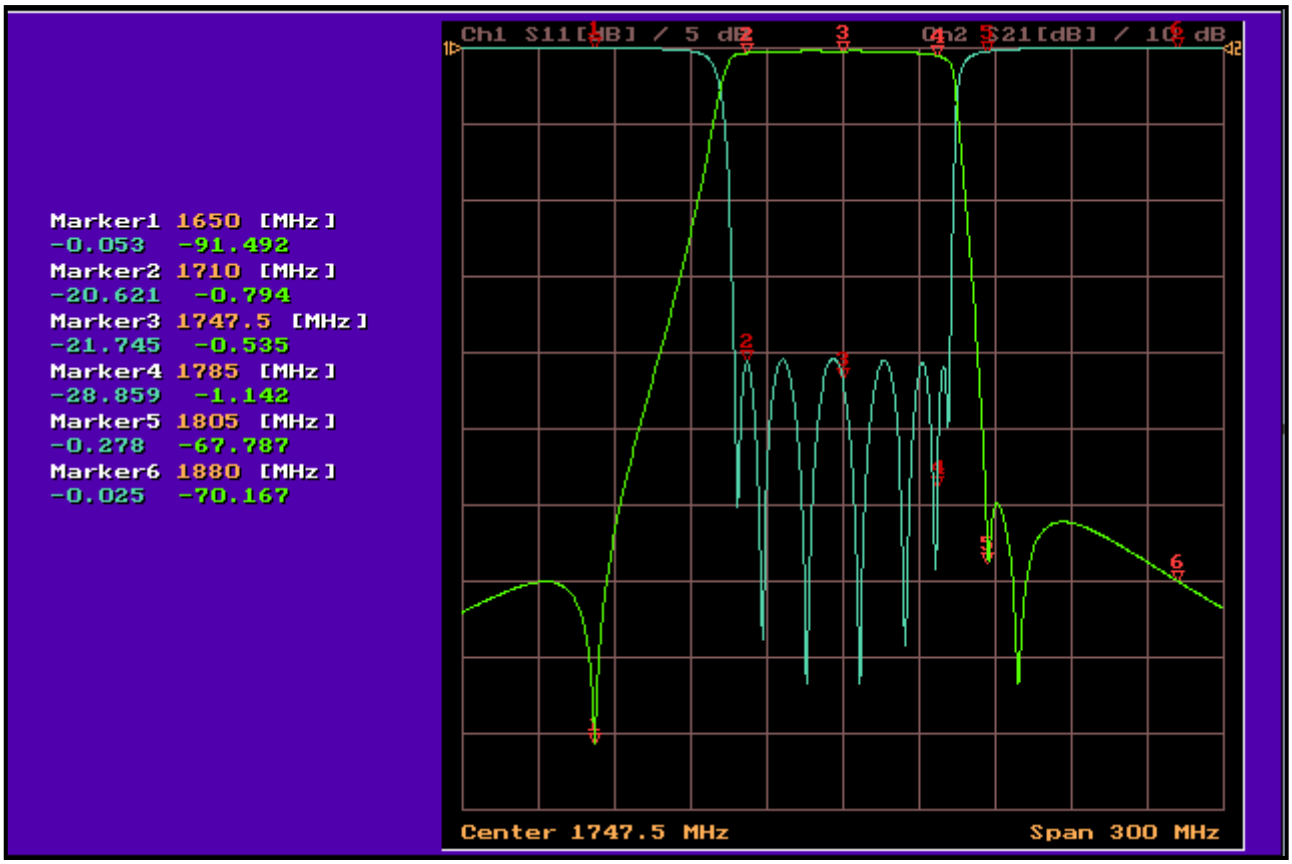
■ **Simulation Curve**



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