

Duplexer



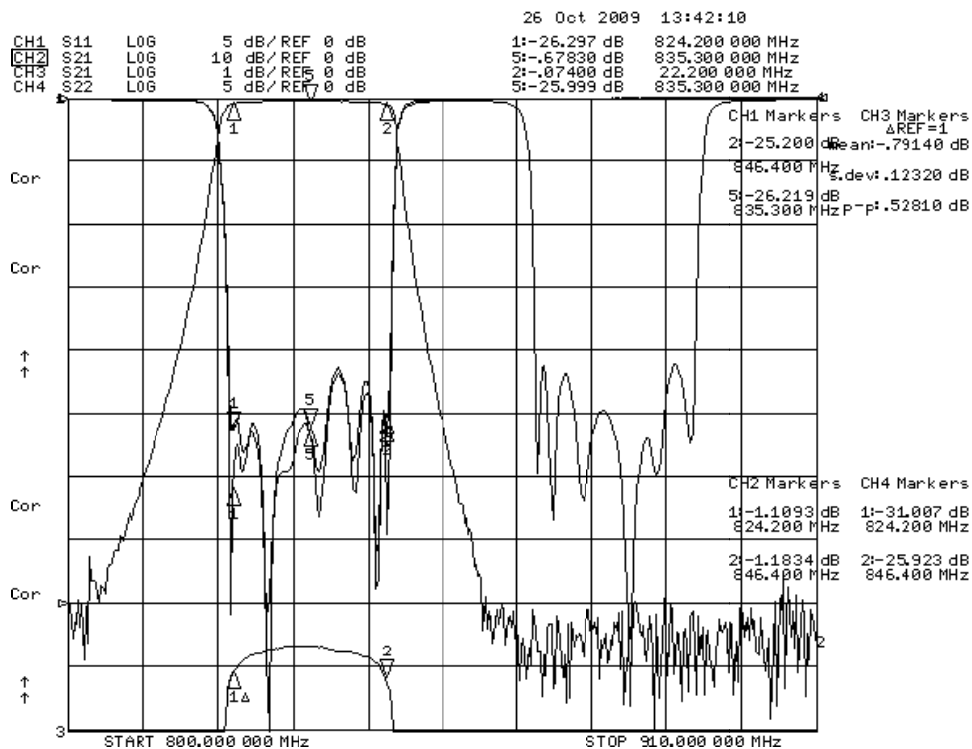
- KJ Comtech Code: FT00468-6/1
- SMA Type Female, N Type Female

1. Electrical & Mechanical Specification

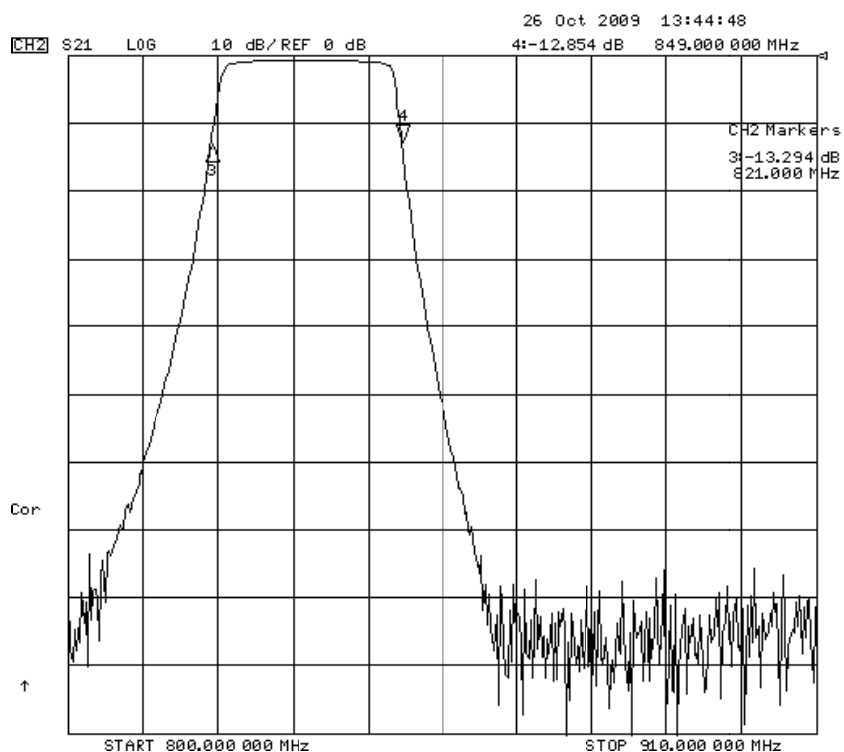
Electrical Specifications		
Connector	SMA Type (F), N Type (F)	
Frequency Range	RX 824.5~846.4MHz (BW: 21.9MHz)	TX 869.2~891.4MHz (BW: 22.2MHz)
Insertion Loss	≤1.8dB	≤1.8dB
Ripple	≤1.5dB	≤1.5dB
Return Loss	≥18dB	≥18dB
Rejection	≥10dB @821MHz ≥10dB @849MHz ≥60dB 9KHz~800MHz ≥80dB 920~2700MHz	≥7dB @866MHz ≥7dB @894MHz ≥60dB 9KHz~800MHz ≥80dB 920~2700MHz
Isolation	≥105dB	≥105dB
CPL		40±0.5dB
Power Handling	20W	
Impedance	50Ω	
Mechanical Specifications		
Dimensions (mm)	223 x 102 x 70	
Operating Temperature	-20 ~ +75℃	
Connector Finish	Tri-plate	
Housing Finish	Ivory Coating	

2. RF Measurement Data

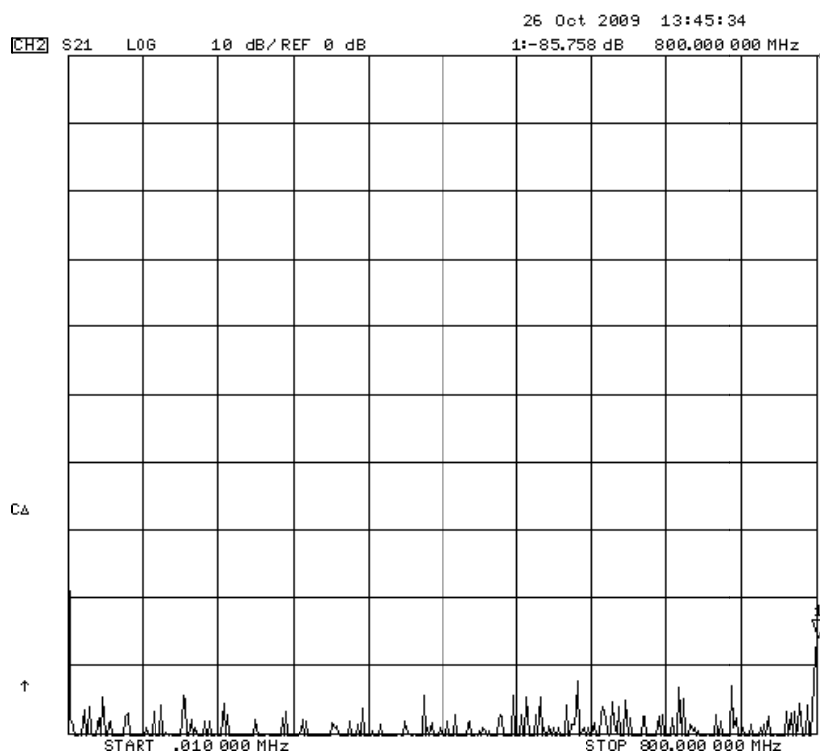
RX: INSERTION LOSS, RETURN LOSS, RIPPLE



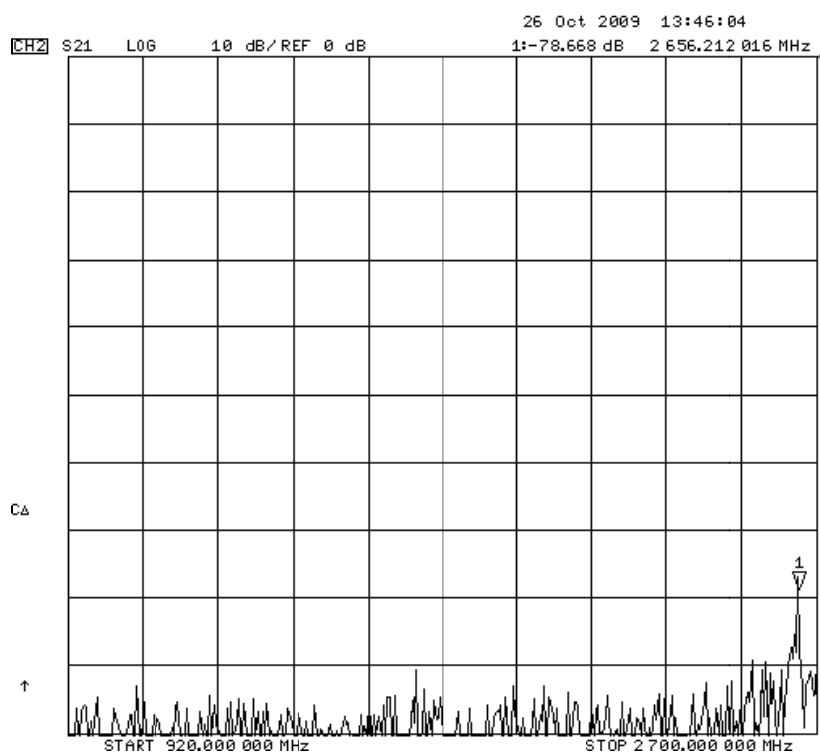
RX: REJECTION (@821MHz / @849MHz)



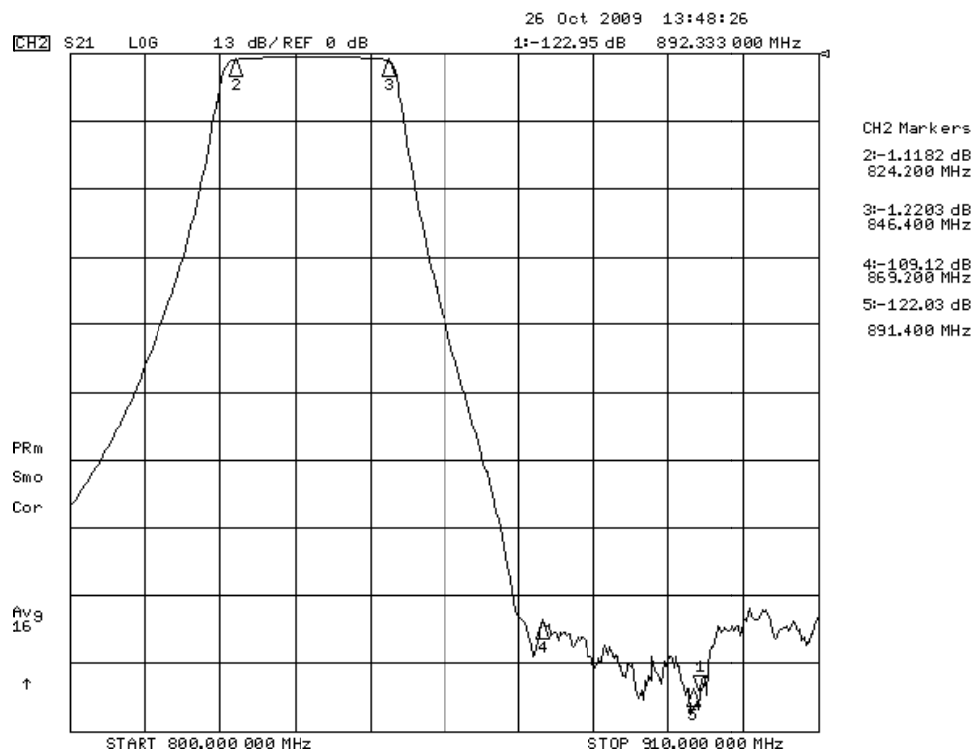
RX: REJECTION (9KHz~800MHz)



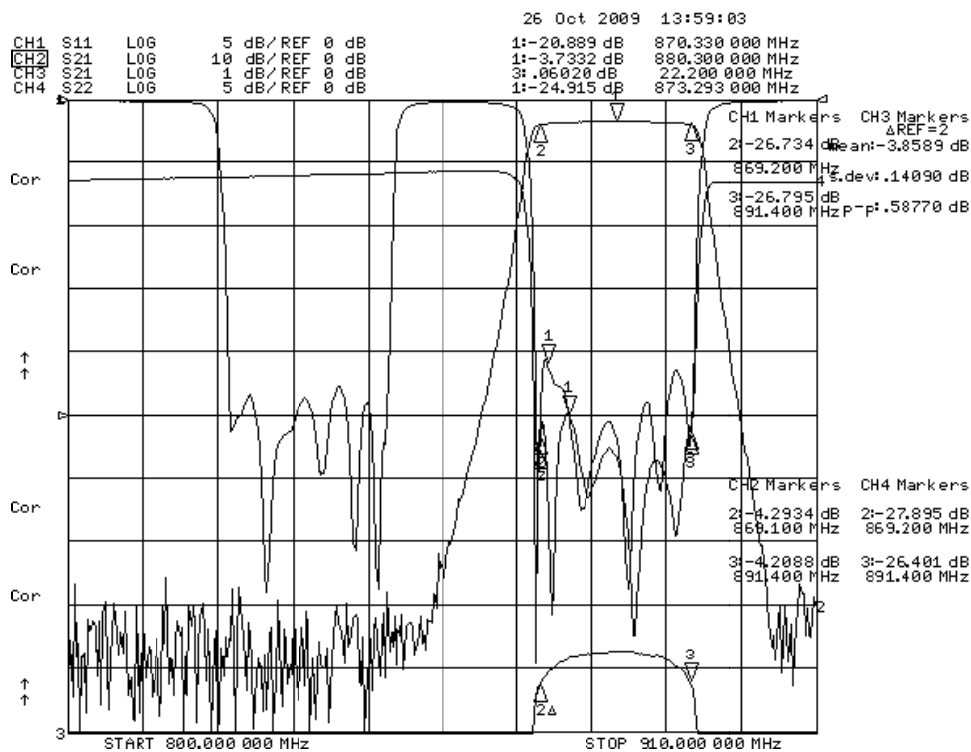
RX: REJECTION (920~2700MHz)



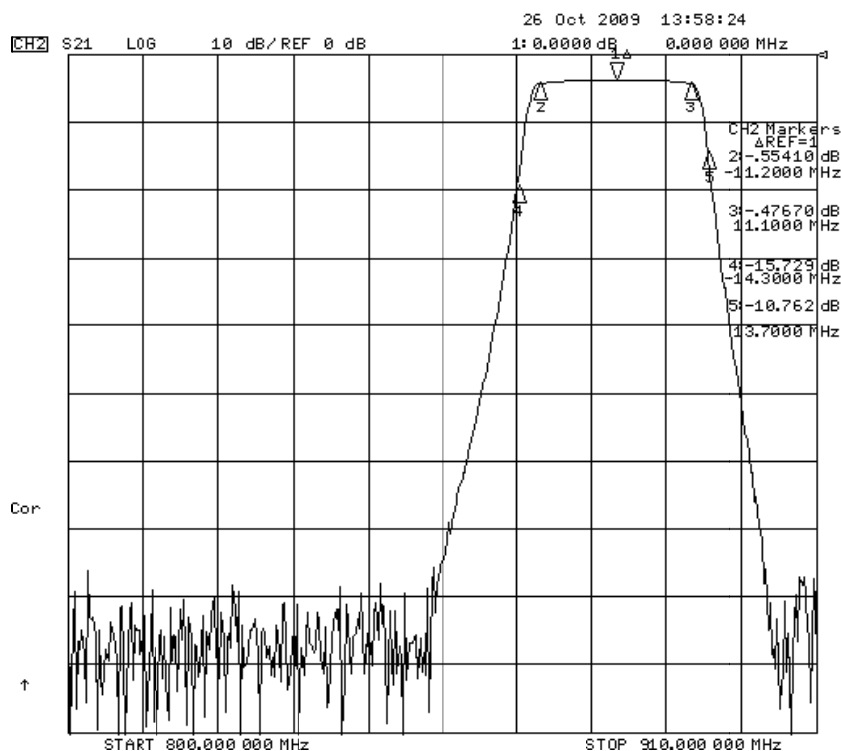
RX: ISOLATION

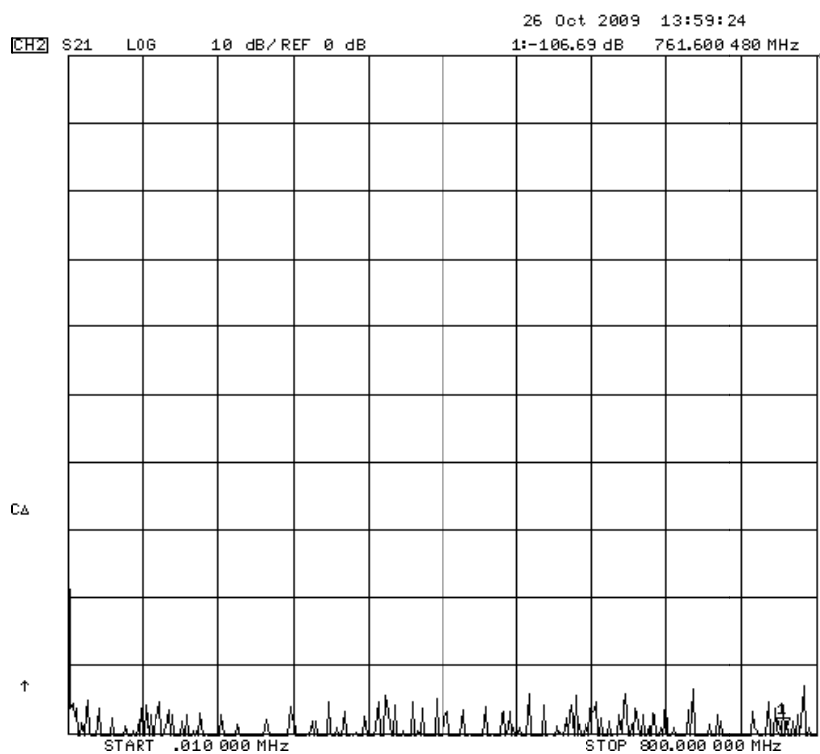
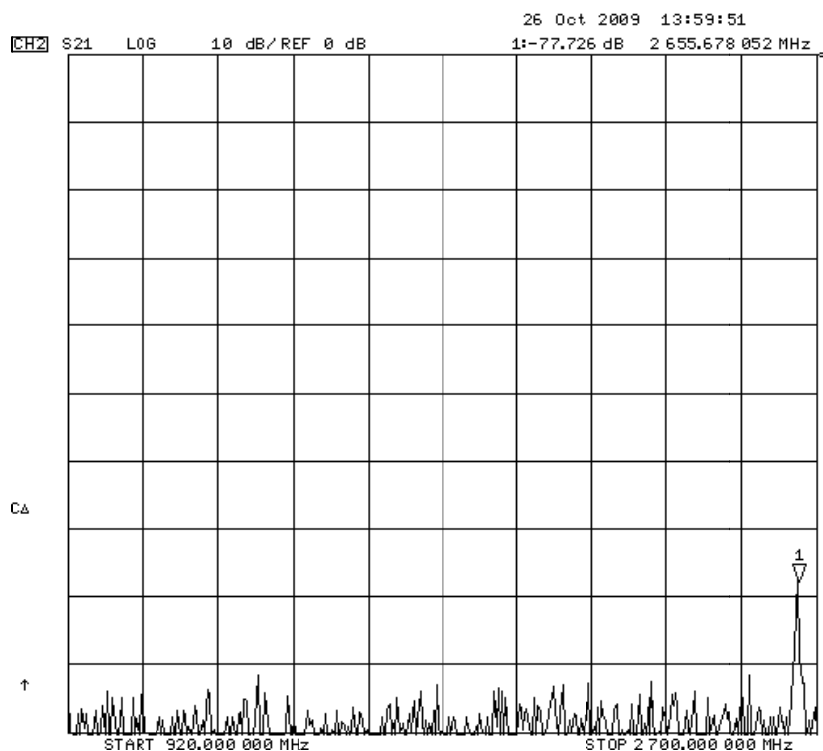


TX: INSERTION LOSS, RETURN LOSS, RIPPLE

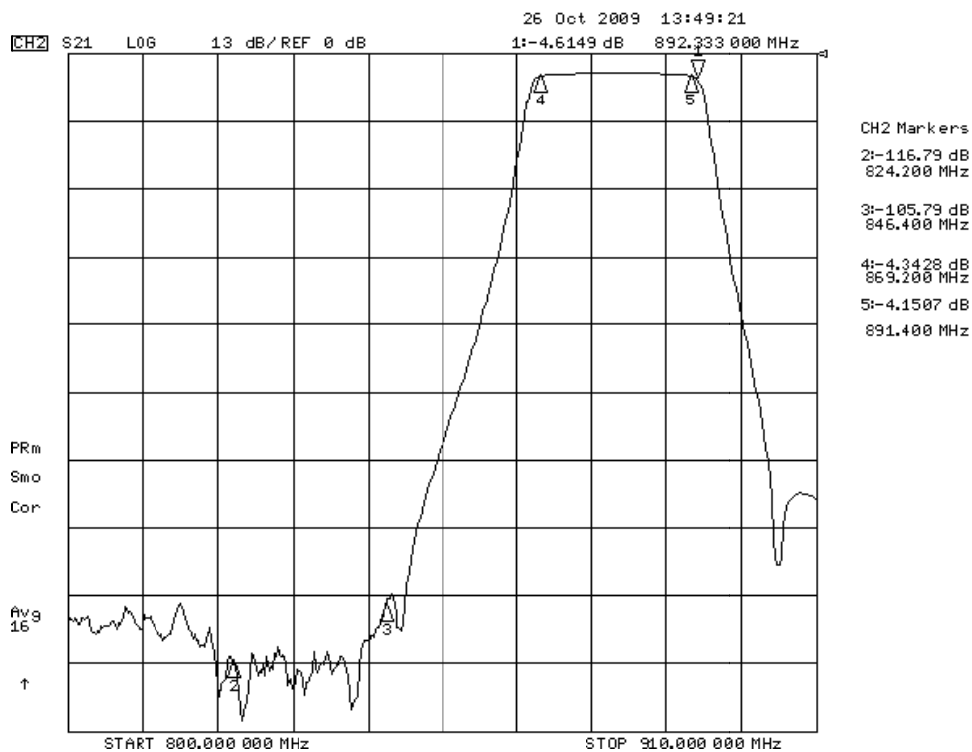


TX: REJECTION (@866MHz / @894MHz)



TX: REJECTION (9KHz~800MHz)TX: REJECTION (920~2700MHz)

TX: ISOLATION



TX: CPL

