

Duplexer



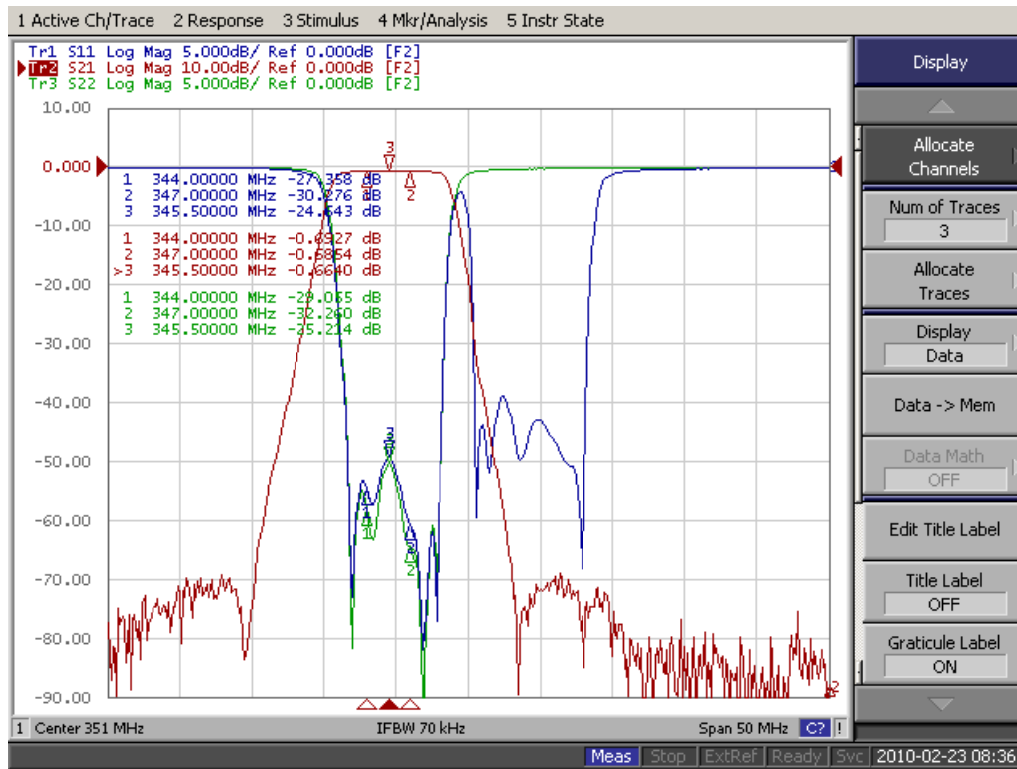
- KJ Comtech Code: FT00462-6/1
- N Type Female, TNC Type Female

1. Electrical & Mechanical Specification

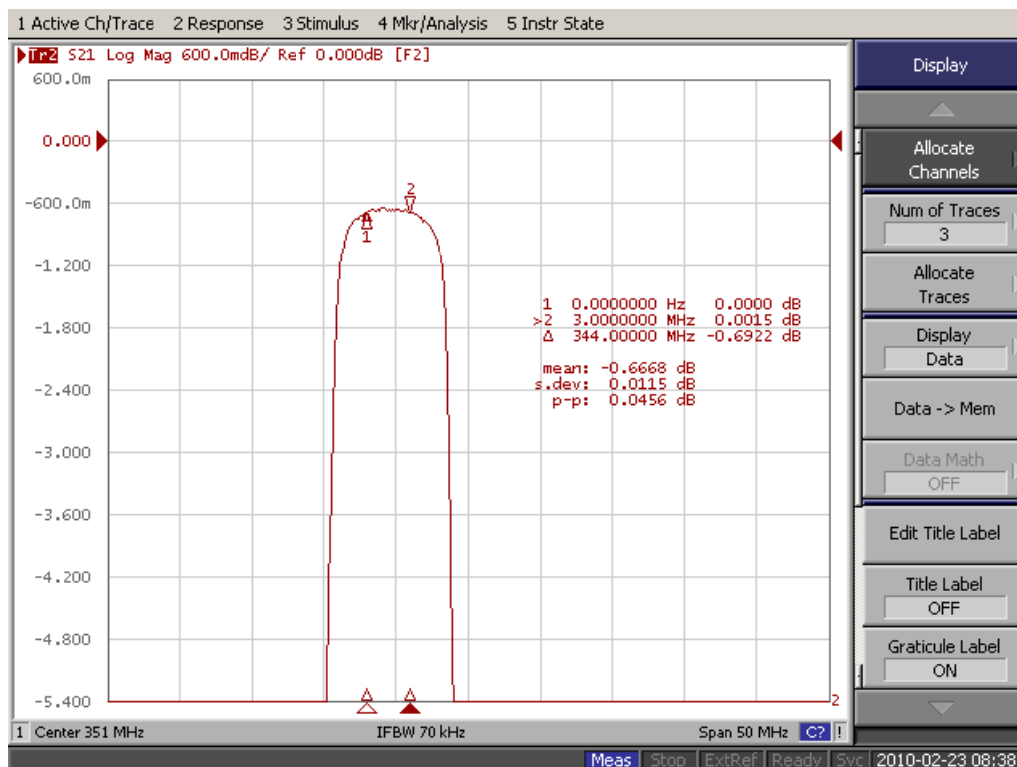
Electrical Specifications	
Connector	N Type (F), TNC Type (F)
Frequency Range	344~347MHz (BW: 3MHz) 355~357MHz (BW: 2MHz)
Insertion Loss	≤1.5dB
Ripple	≤0.5dB
Return Loss	≥14dB
Rejection	≥65dB @Fo±9.5MHz ≥65dB @1575±5MHz ≥65dB @2240~2350MHz ≥65dB @Fo±9MHz ≥65dB @1575±5MHz ≥65dB @2240~2350MHz
Group Delay Variation	≤20ns ≤10ns
Power Handling	5W
Impedance	50Ω
Mechanical Specifications	
Dimensions (mm)	174.0 x 132.0 x 103.0
Weight	≤2.9Kg
Operating Temperature	-20~+70 °C
Connector Finish	Tri-plate
Housing Finish	Black Coating

2. RF Measurement Data

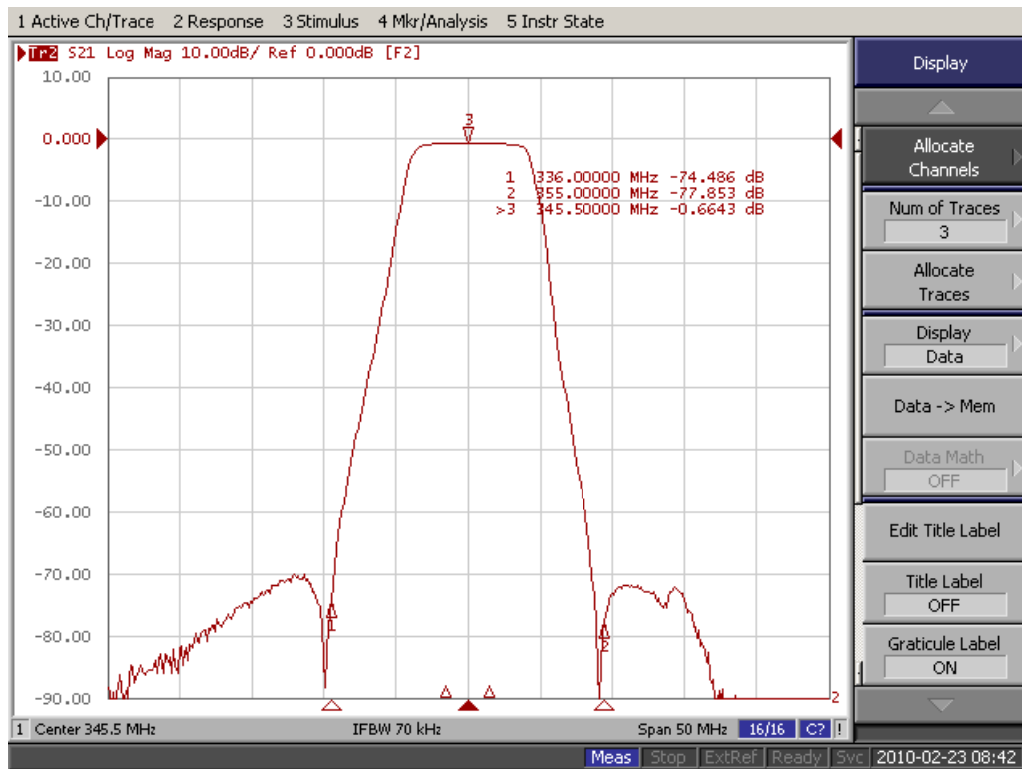
344~347MHz: INSERTION LOSS, RETURN LOSS



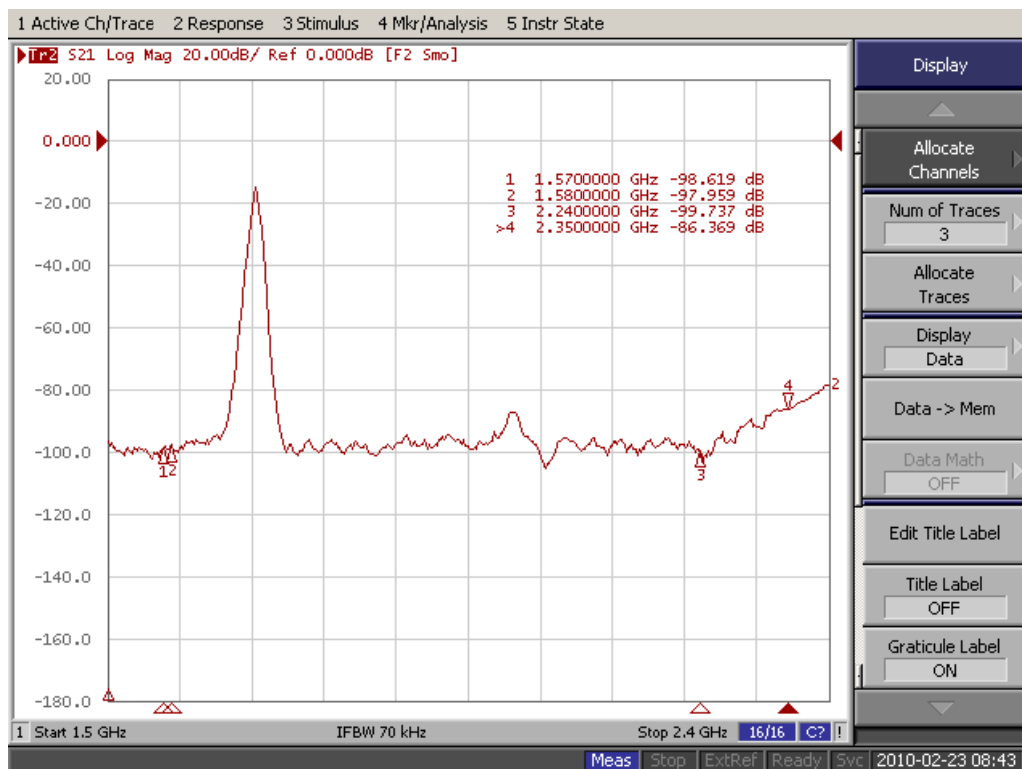
RIPPLE



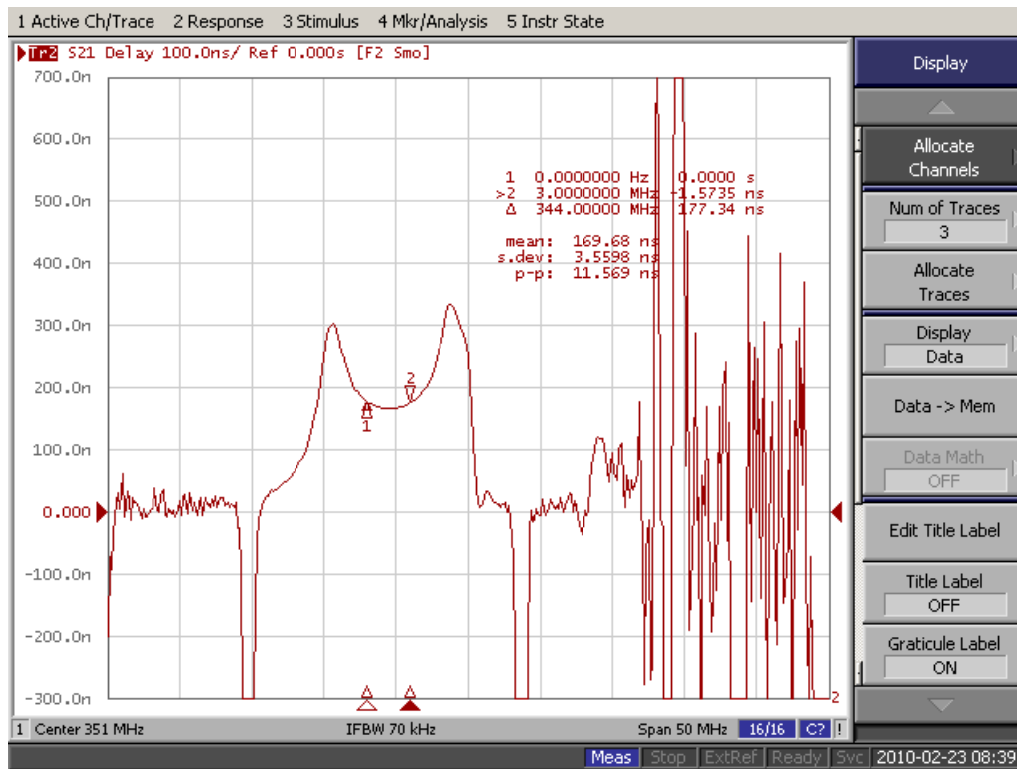
REJECTION (@ $F_o \pm 9.5$ MHz)



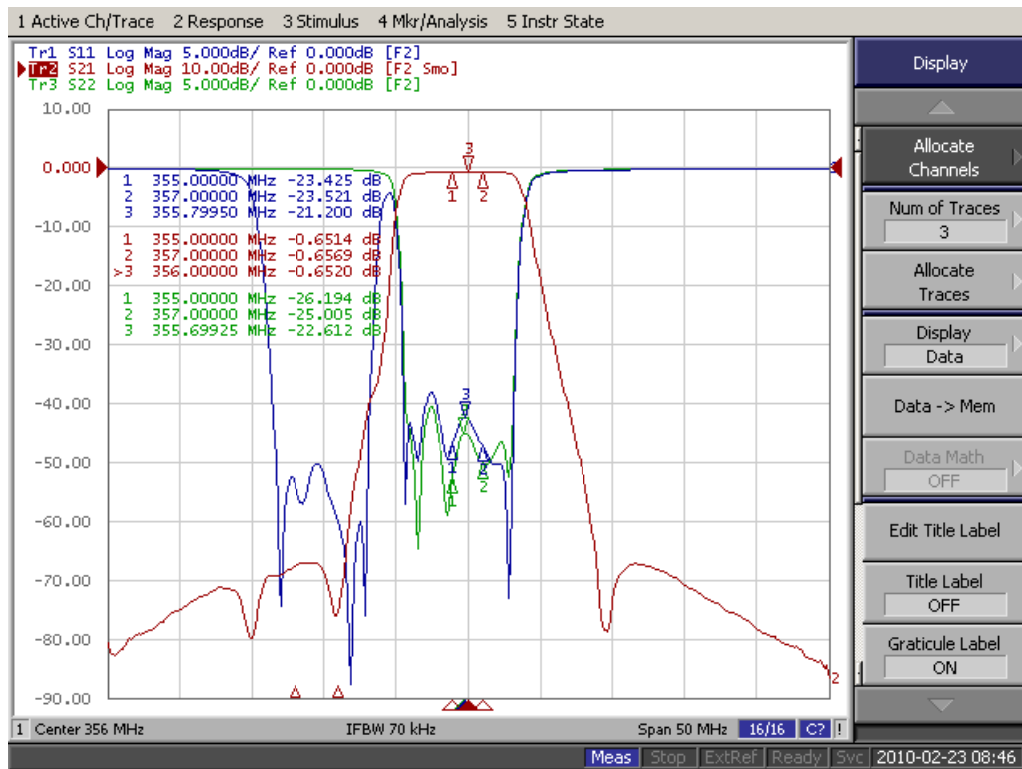
REJECTION (@1575±5MHz, @2.24~2.35GHz)



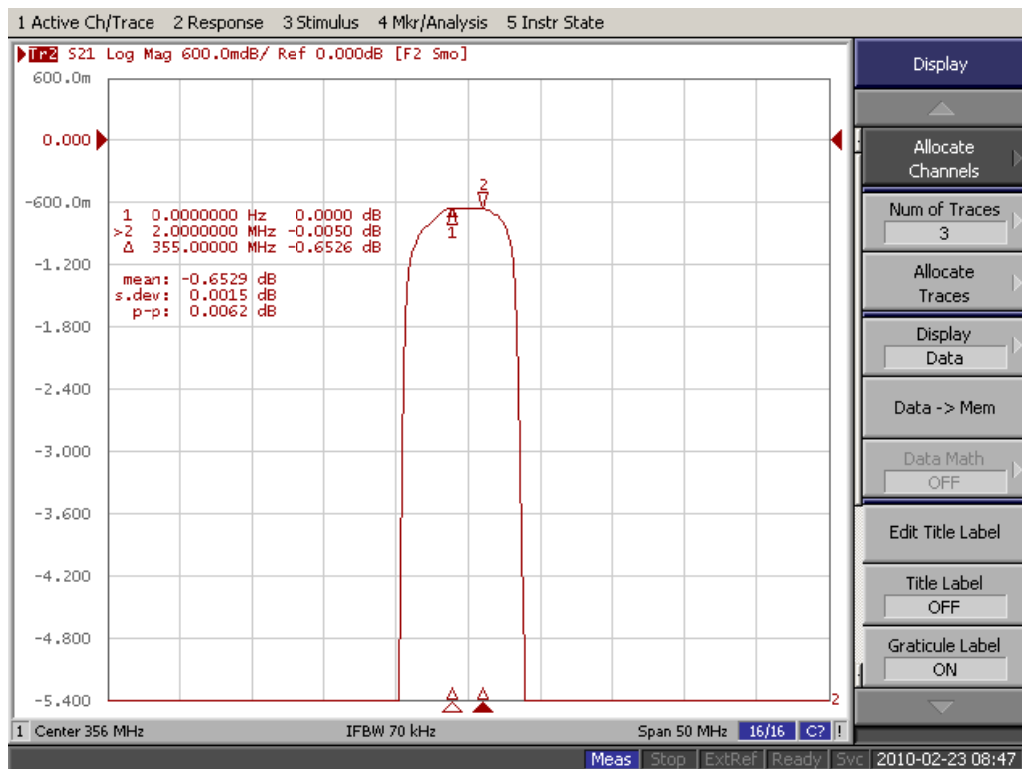
GROUP DELAY VARIATION



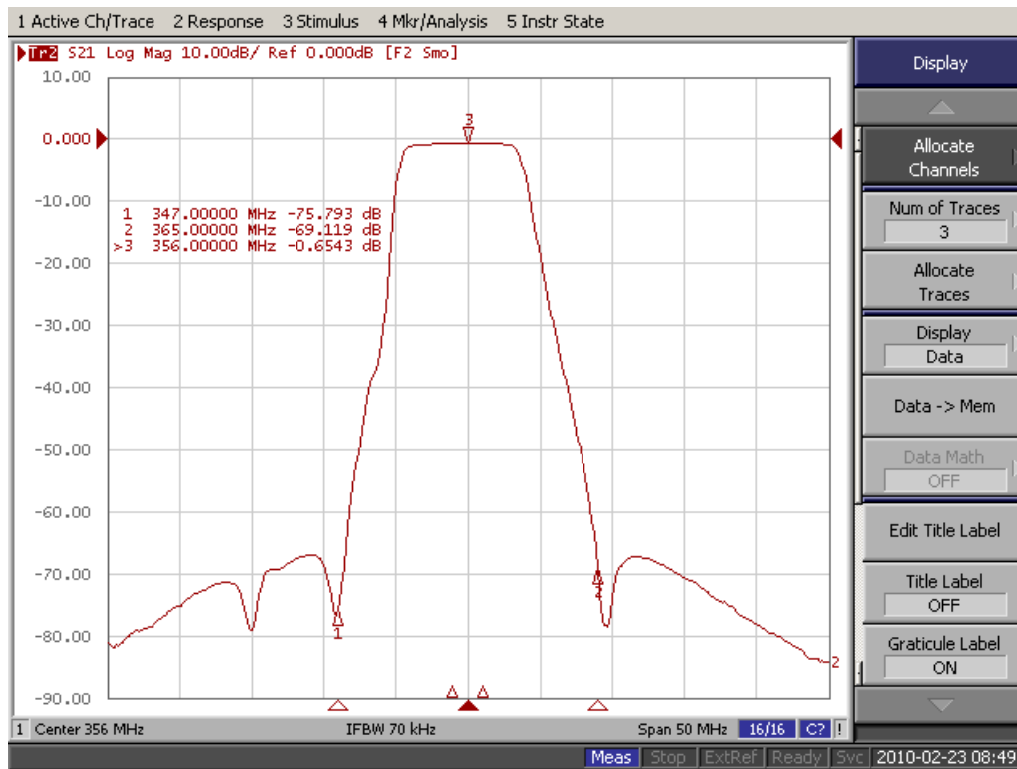
355~358MHz: INSERTION LOSS, RETURN LOSS



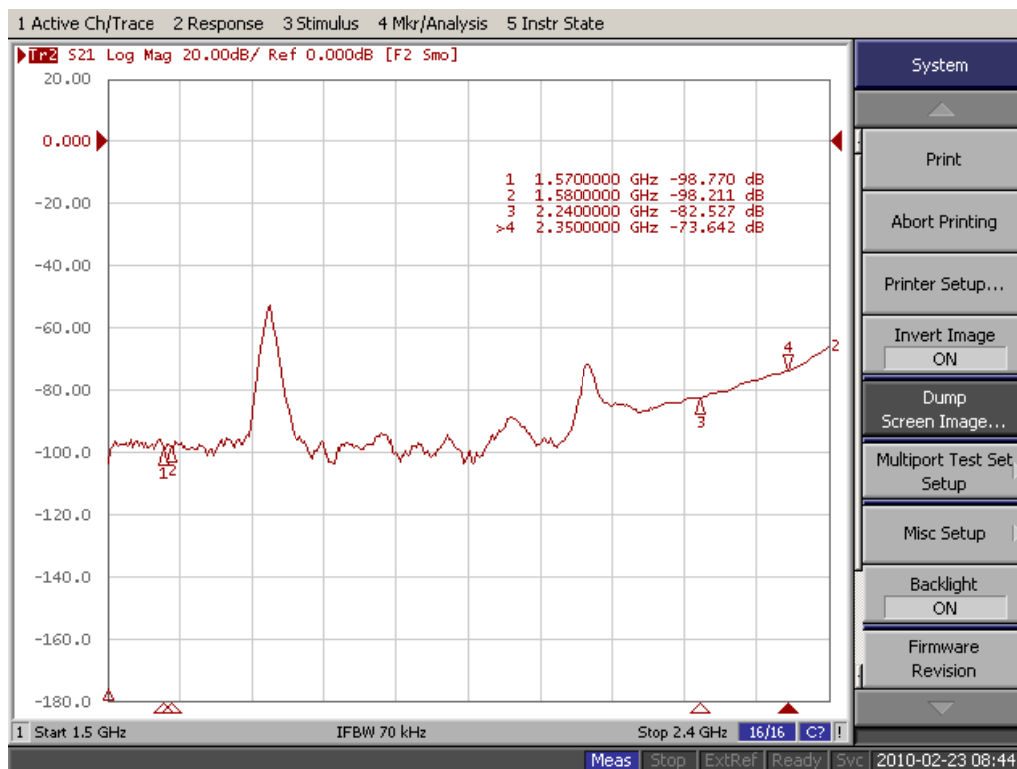
RIPPLE



REJECTION (@ $F_o \pm 9$ MHz)



REJECTION (@1575±5MHz, @2.24~2.35GHz)



GROUP DELAY VARIATION

