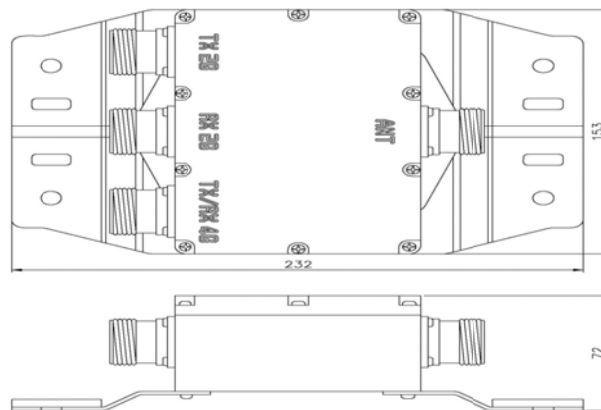


Triple Band Combiner



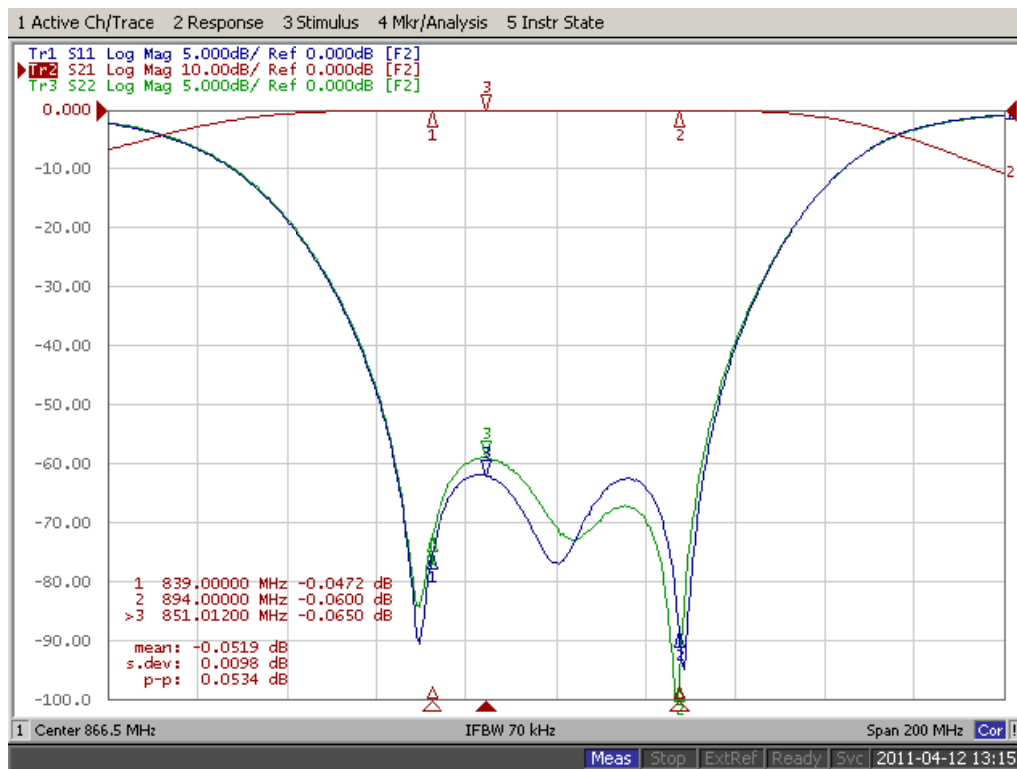
- KJ Comtech Code: FT00663-6/1
- 7/16 Din Type Female
- Low PIMD
- High Power Capability

1. Electrical & Mechanical Specification

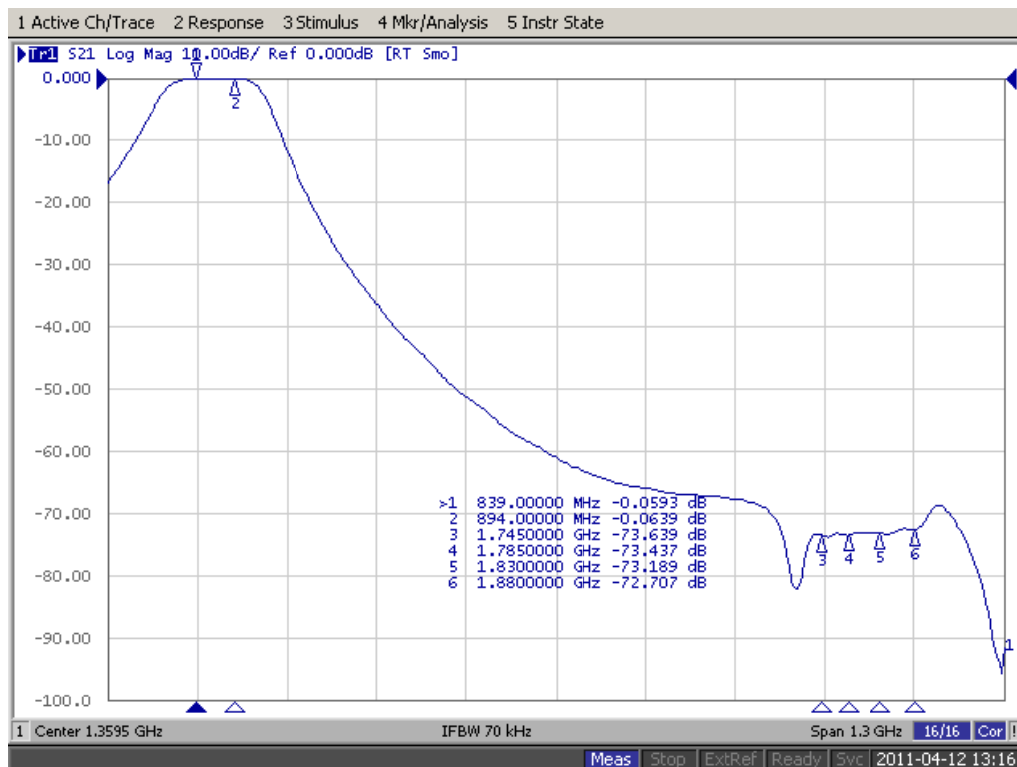
Electrical Specifications	
Connector	7/16 Din (F)
Frequency Range	TX/RX 4G: 839~894MHz (BW: 55MHz)
	Rx 2G: 1745~1785MHz (BW: 40MHz)
	Tx 2G: 1830~1880MHz (BW: 50MHz)
Insertion Loss	≤0.5dB
Ripple	≤0.25dB
VSWR	≤1.25 : 1
Isolation	≥ 50dB (2G/4G)
	≥25dB (Tx 2G/Rx 2G)
PIM @ +43dBm 2 Tone	≤-150dBc
Power Handling	100W
Vibration	2G (10~150Hz, 0.1 Octaves/min)
Impedance	50Ω
Mechanical Specifications	
IP Class	IP65
Dimensions (mm)	232.0 x 153.0 x 72.0
Weight (Max.)	2Kg
Operating Temperature	-40~+80 °C
Relative Humidity	5~95%
Connector Finish	Tri-plate
Housing Finish	Ivory Coating

2. RF Measurement Data

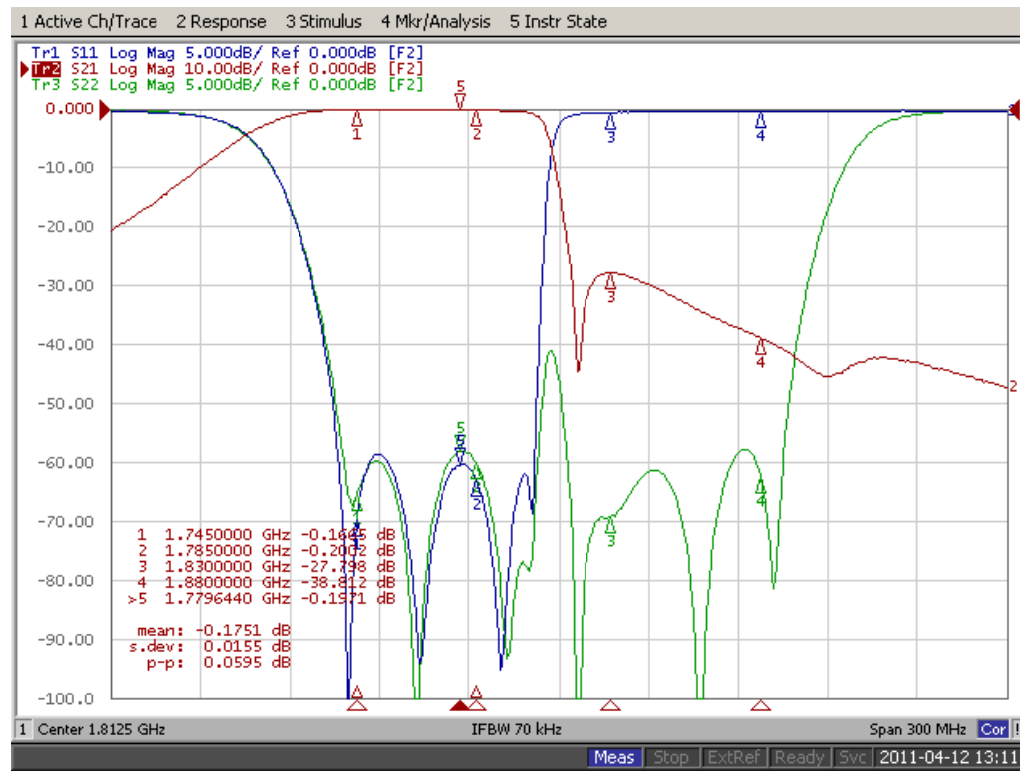
4G (839~894MHz): INSERTION LOSS, RIPPLE, RETURN LOSS



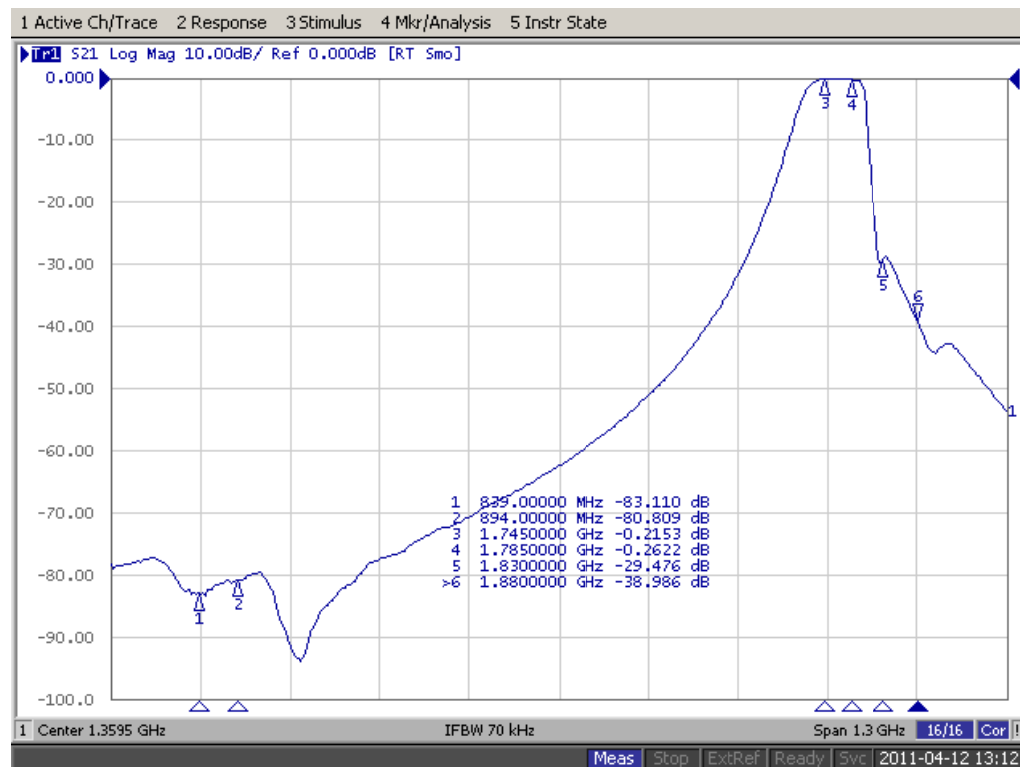
4G (839~894MHz): ISOLATION (2G RX, 2G TX)



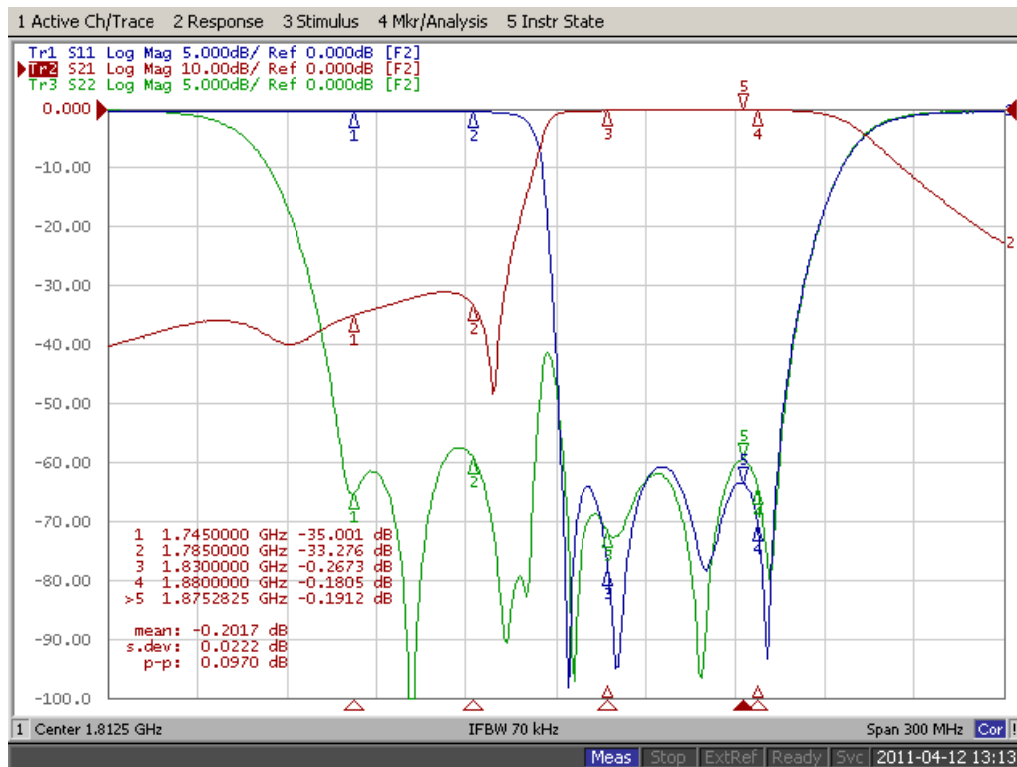
RX 2G (1745~1785MHz): INSERTION LOSS, RIPPLE, RETURN LOSS, ISOLATION(TX 2G)



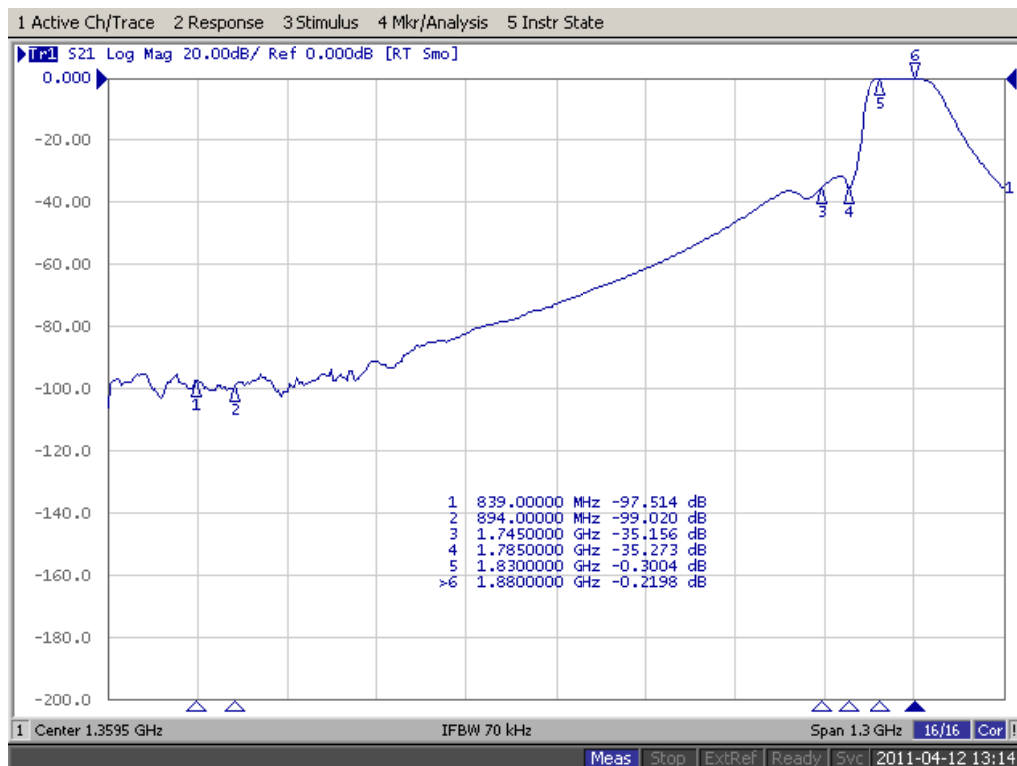
RX 2G (1745~1785MHz): ISOLATION (4G)



2G TX (1830~1880MHz): INSERTION LOSS, RIPPLE, RETURN LOSS, ISOLATION (RX 2G)



TX 2G (1830~1880MHz): ISOLATION (4G)



3. PIMD Measurement Data

3.1. CDMA 800MHz (@43dBm 2tone)

