

Dual Band Combiner



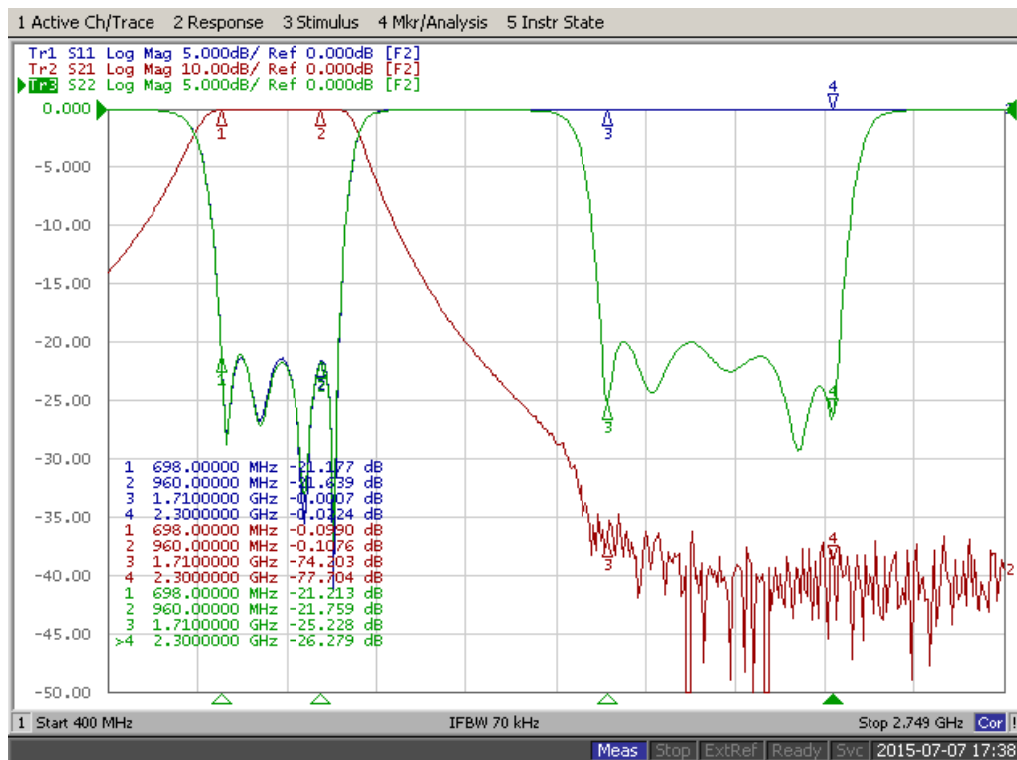
- KJ Comtech Code: FT00656-6/1
- N Type Female
- Outdoor Type
- Wideband Design
- Low PIMD
- High Power Capability

1. Electrical & Mechanical Specification

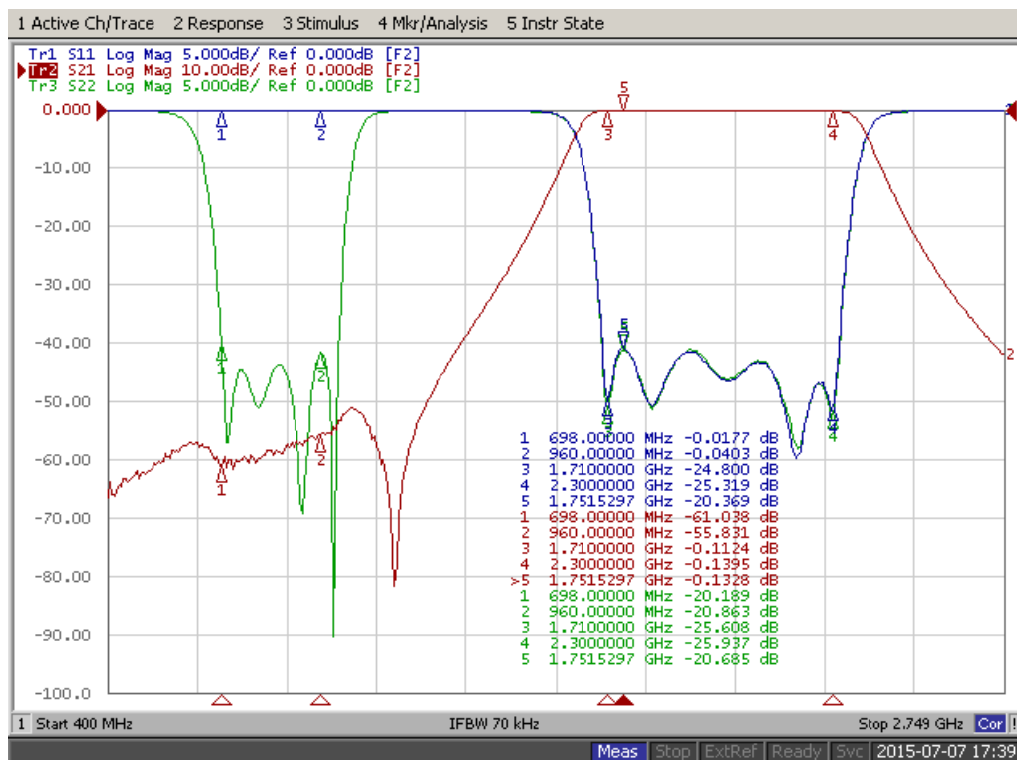
Electrical Specifications	
Connector	N Type(F)
Frequency Range	698~960MHz (BW: 262MHz) 1710~2300MHz (BW: 590MHz)
Insertion Loss	≤0.3dB
Return Loss	≥18dB
Isolation	≥50dB
PIM @ +43dBm 2 Tone	≤-150dBc
Power Handling	300W
Impedance	50Ω
Mechanical Specifications	
IP Class	IP65
Dimensions (mm)	170.0 x 79.0 x 53.0
Weight (Max.)	2Kg
Operating Temperature	-40~+80 °C
Relative Humidity	5~95%
Connector Finish	Tri-plate
Housing Finish	Black Coating

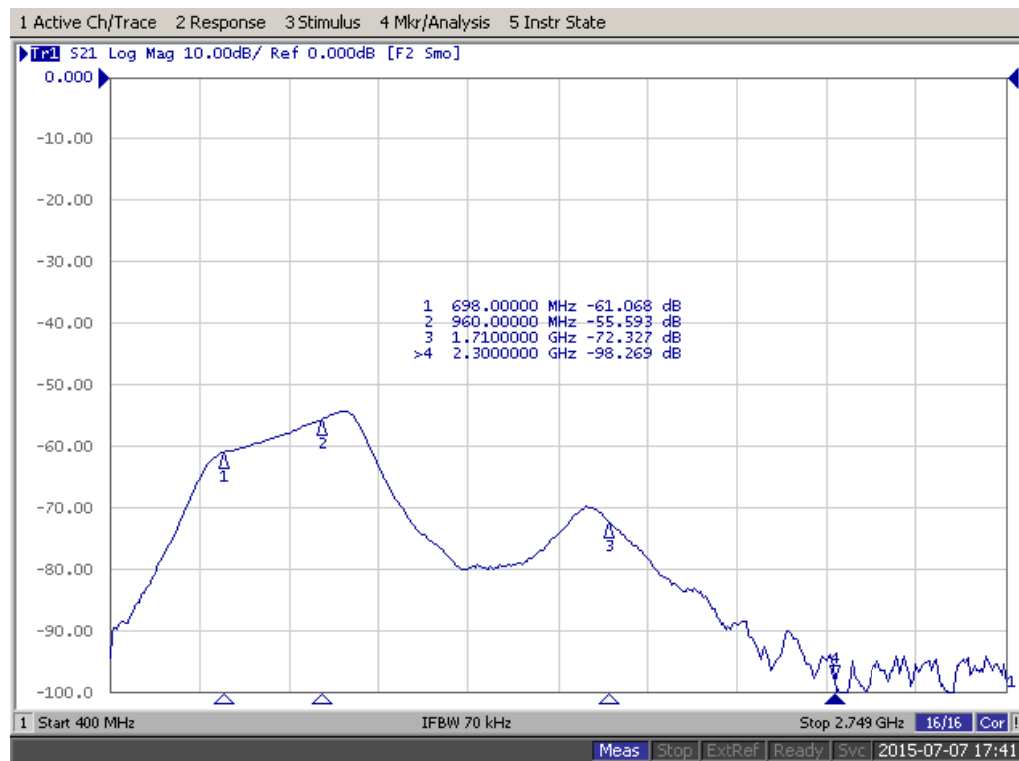
2. RF Measurement Data

698~960MHz: INSERTION LOSS, RETURN LOSS



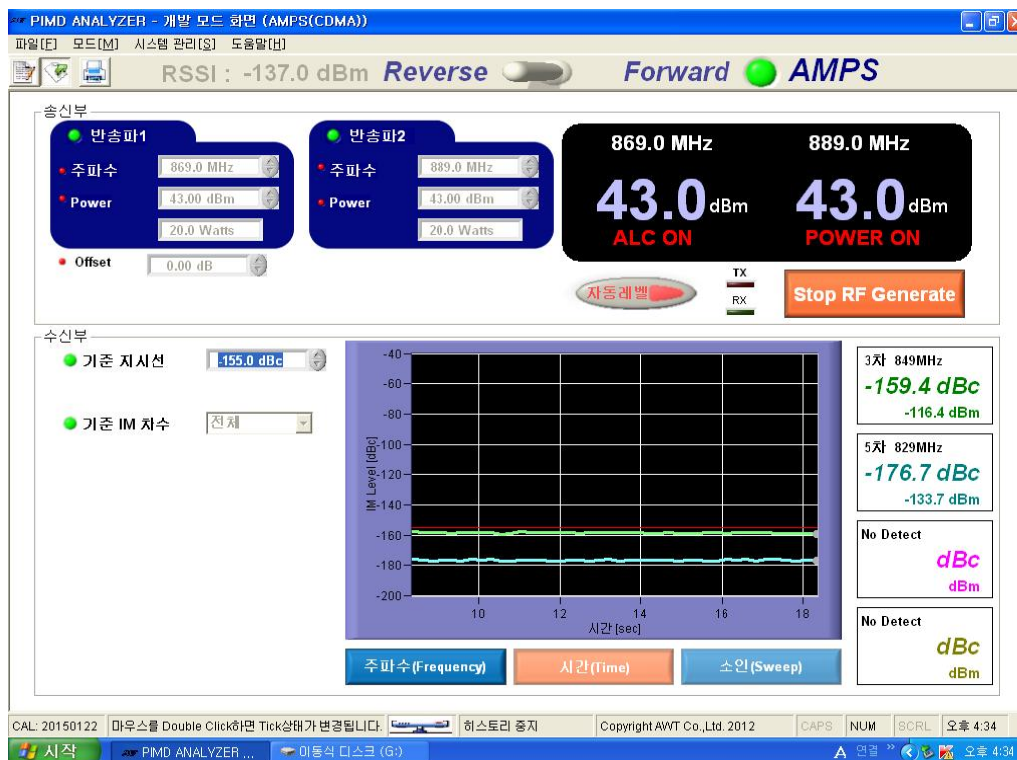
1710~2300MHz: INSERTION LOSS, RETURN LOSS



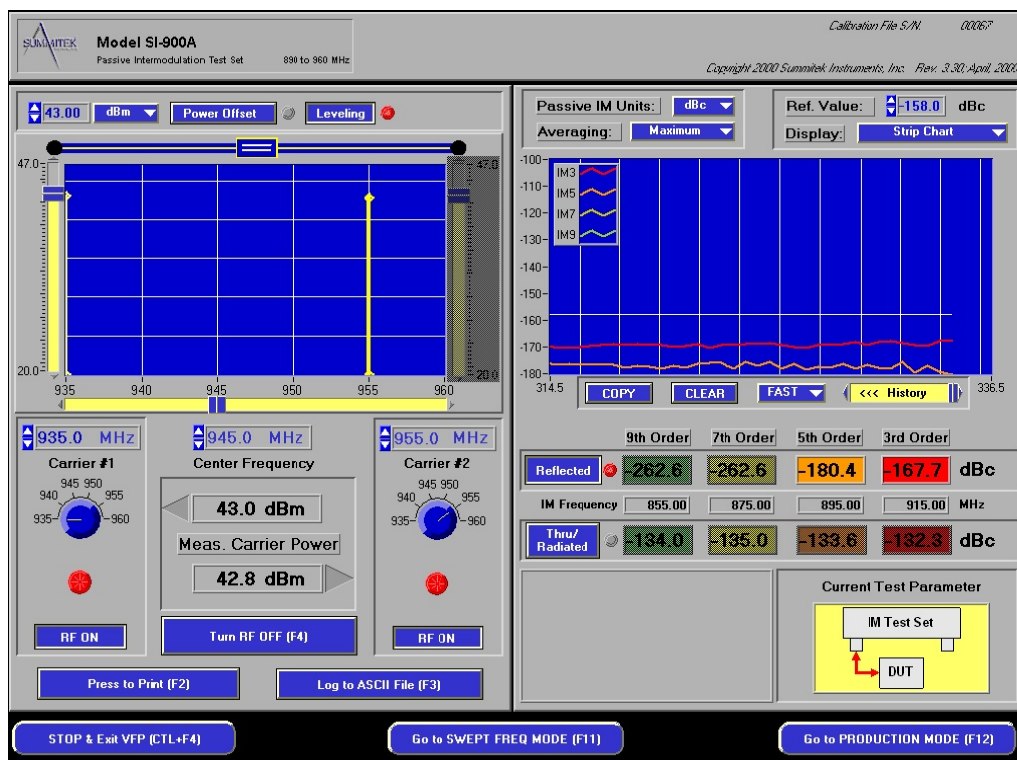
698~960MHz, 1710~2300MHz: ISOLATION

3. PIMD Measurement Data

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



3.2. GSM 900MHz (43dBm 2tone)



3.3. WCDMA 2100MHz (43dBm 2tone)

