

7/16 Din Type Wide Band Diplexer



- KJ Comtech Code : FT00694-7/1
- 7/16 Din Female to 7/16 Din Female
- Surge Protection
- Low RF Loss
- Low PIMD

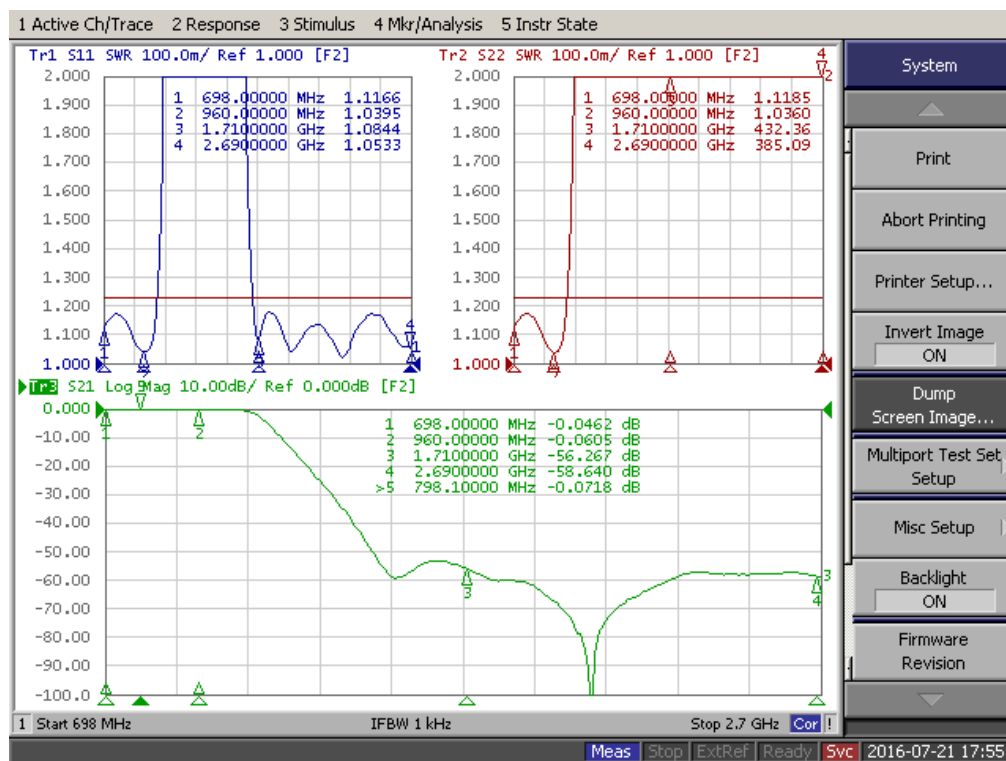
1. Electrical & Mechanical Specification

Electricla Specification		
Pass Band Frequency Range	PORT1	PORT2
	698-960MHz	1710-2690MHz
Insertion Loss	≤ 0.3dB Max.	
VSWR	≤1:1.25	
Isolation between band	≥ 50dB	
Intermodulation IM3 @2x43dBm	≥ 153dBc	
Max. Input Power Per Port	250W	
DC Pass	All Ports (MAX. 29V, 4A)	
Lightning Protection	8 KA, 8/20 μs	
Mechanical Specifications		
Environmental Conditions	IP 66	
Dimensions(mm)	275x 110 x 71(Include Bracket)	
Temperature Range	-30 ~ + 65℃	
Connector Finish	이원합금	
Housing Finish	Munsell N7 Powder	

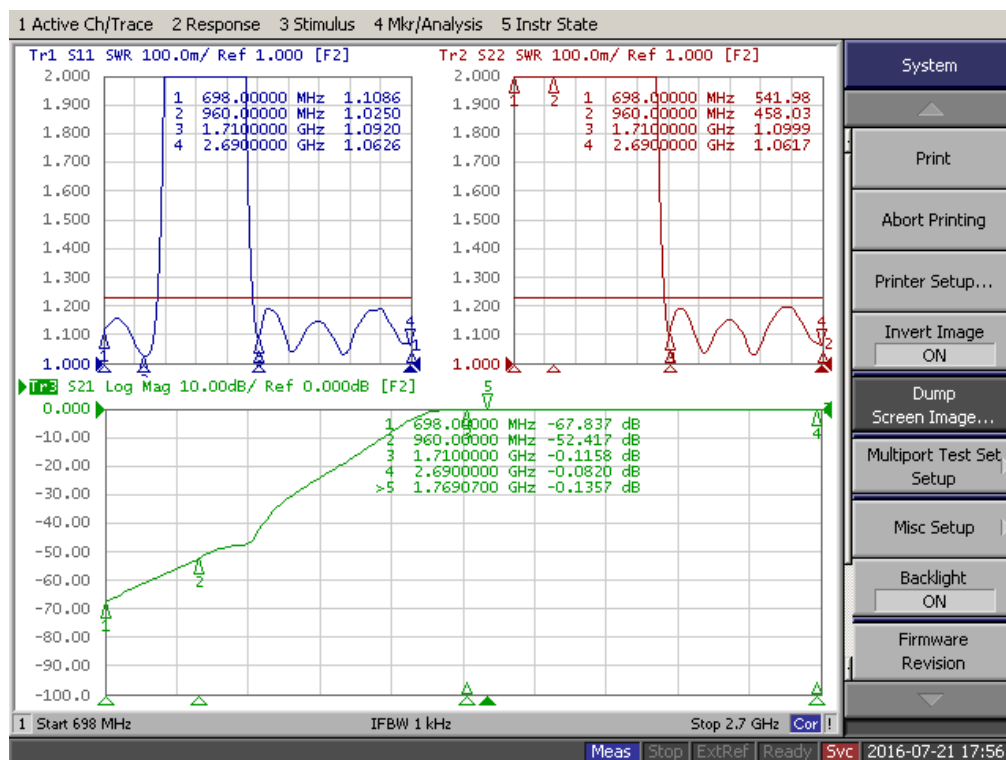
2. SAMPLE1

2.1. RF Measurement Data

TR1 : PORT3 VSWR, TR2: PORT1 VSWR, TR3; PORT3-PORT1 INSERTION LOSS

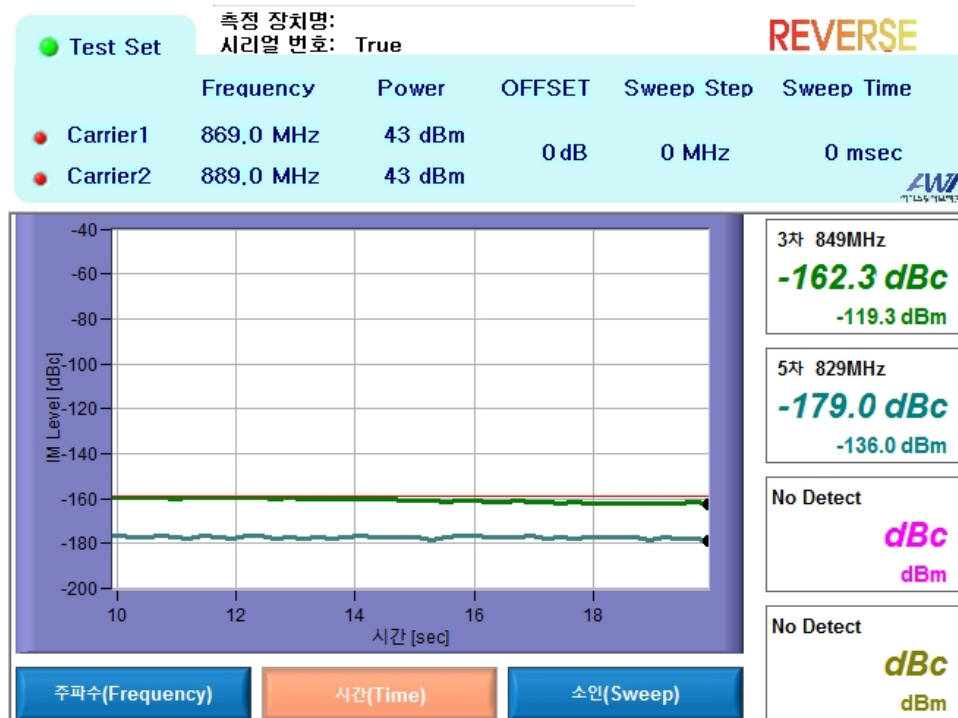


TR1 : PORT3 VSWR, TR2: PORT2 VSWR, TR3; PORT3-PORT2 INSERTION LOSS

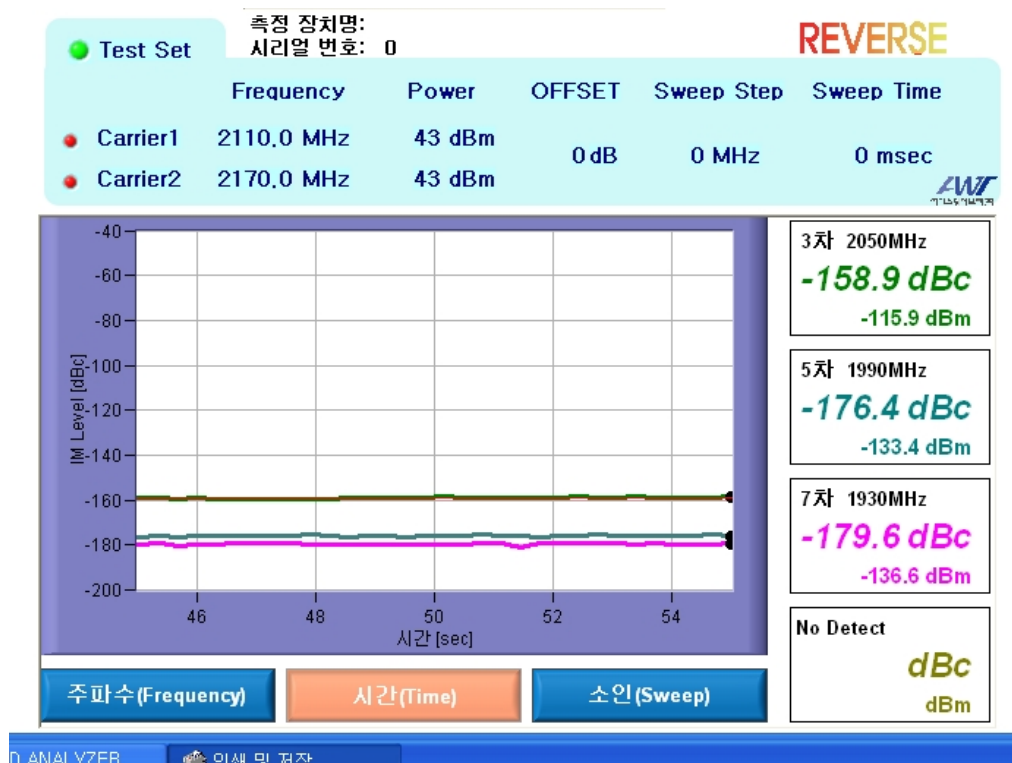


2.2. PIMD Data

CDMA



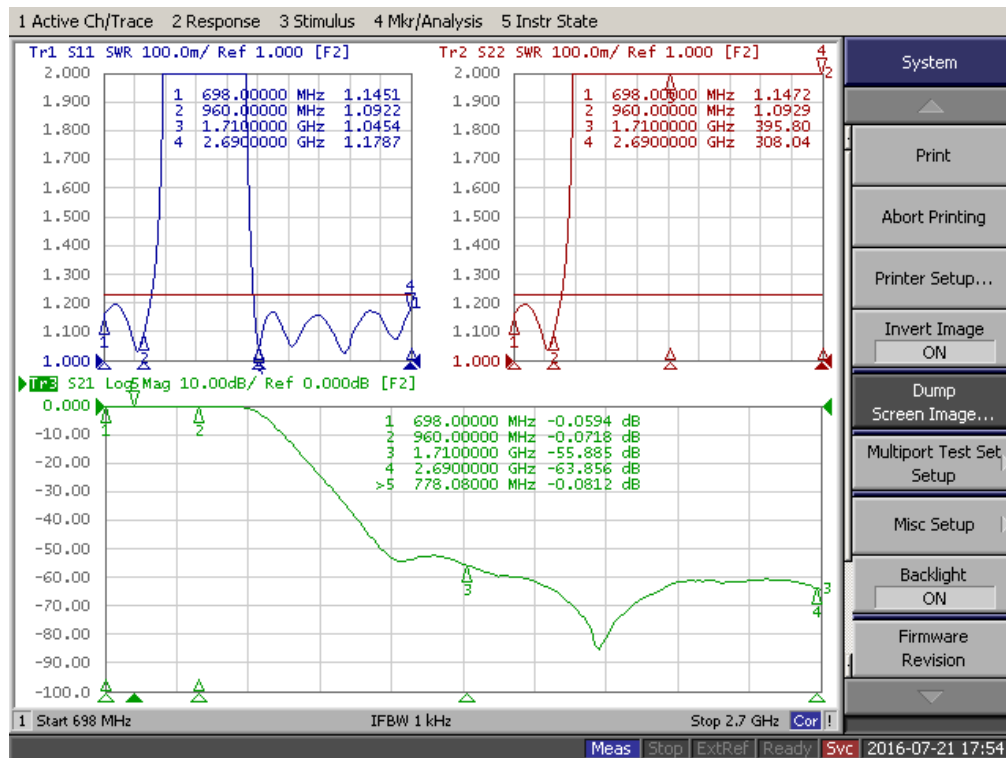
WCDMA



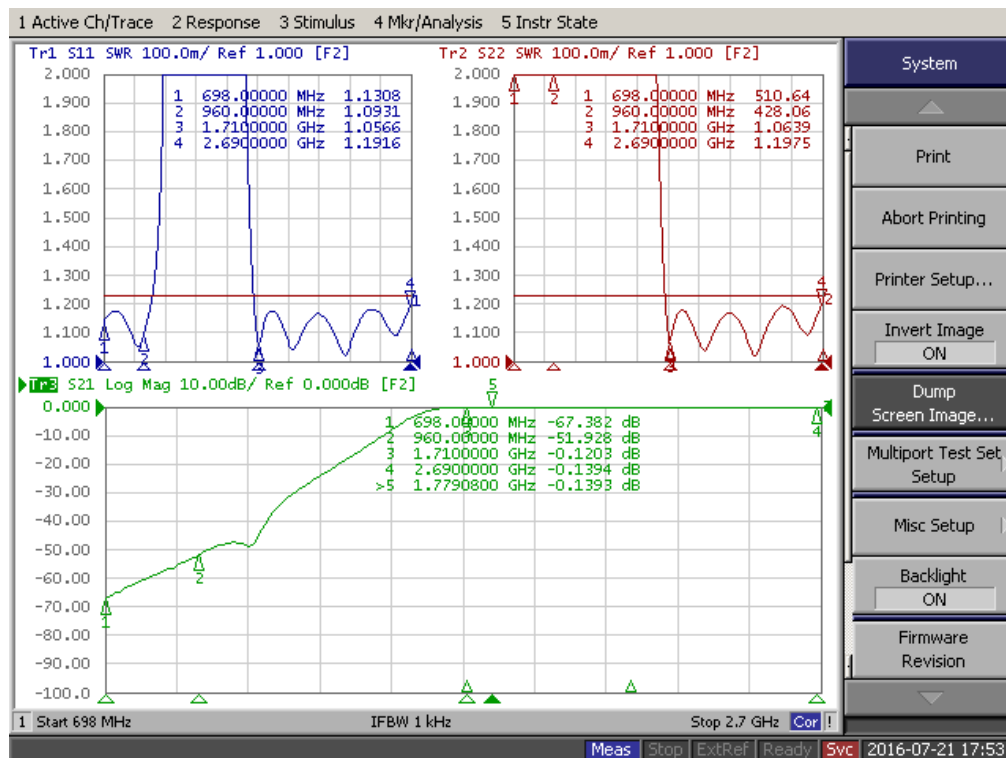
3. SAMPLE2

3.1. RF Measurement Data

TR1 : PORT3 VSWR, TR2: PORT1 VSWR, TR3; PORT3-PORT1 INSERTION LOSS

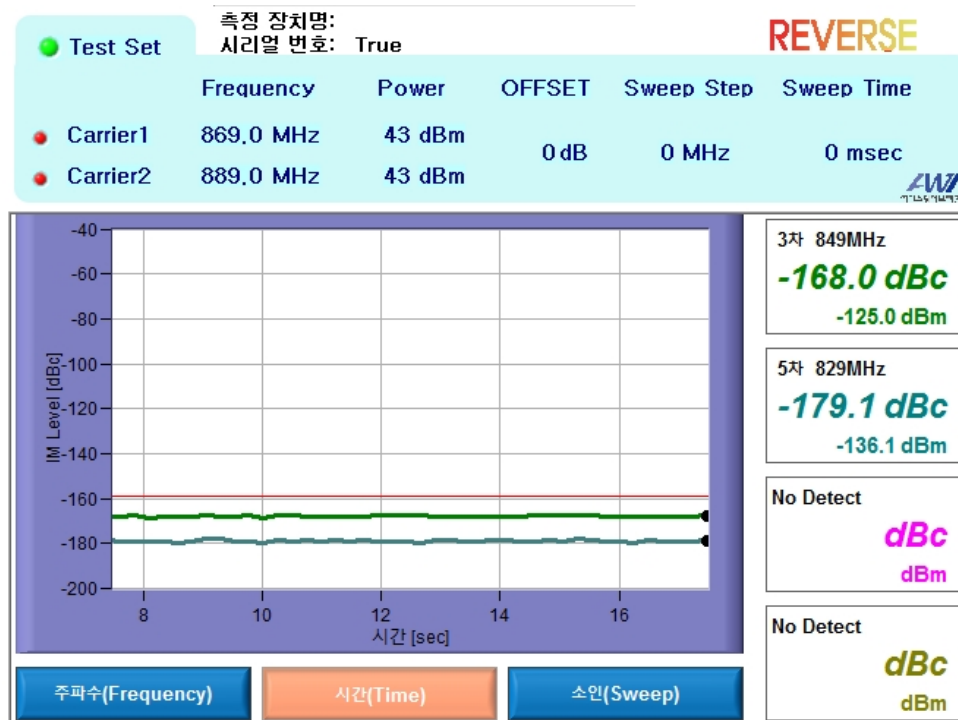


TR1 : PORT3 VSWR, TR2: PORT2 VSWR, TR3; PORT3-PORT2 INSERTION LOSS



3.2. PIMD Data

CDMA



WCDMA

