

WSA-00136 Tetra 450 MHz Combiner Duplexer Assembly

◆ Features:

- Low Insertion Loss (<2.2dB)
- Excellent Filtering Characteristic
- Low PIM (-96~-125dbm/30KHz @Rx Band)
- High Liability
- High Power Handling (80CW)

◆ Specifications:

Transmit

Frequency Range Tx1: 463.35 to 464.59 MHz
 Frequency Range Tx2: 465.86 to 467.09 MHz
 Return Loss TX Band: 18 dB
 Insertion Loss TX Band: </- 2.2 dB
 Input Power: 80 w / Ch, 1200 w Peak
 Attenuation at Rx freq 453.35 to 457.1 MHz: >100 dB
 Isolation: > 38 dB

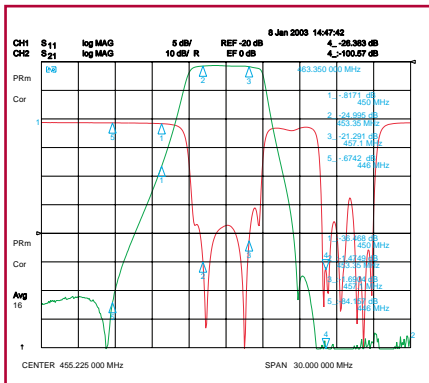
Receive

Frequency: 453.35 to 457.1 MHz
 Insertion Loss: < 2.0 dB
 Test Port Coupler: -35 dB +/- 0.5 dB
 Return Loss: > 15 dB
 Attenuation: 75 dB @ 446 MHz
 90 dB @ 463.35 and 800 MHz
 Isolation: 90 dB @ 463.35 to 467.1 MHz
 100 dB @ 453.35 to 457.1 MHz

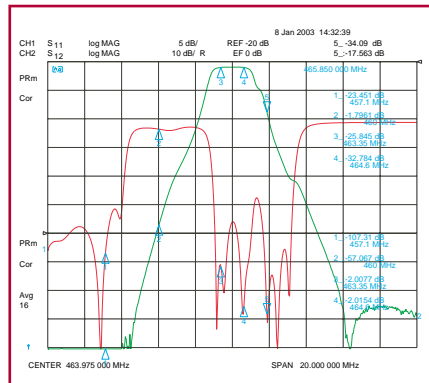


◆ Applications:

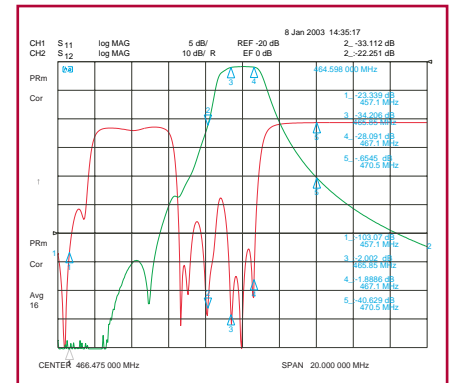
- BTS of China Telecom 450MHz
- Russia Tetra networks



Rx Channel



Tx Channel



Tx Channel 2

Filtering Solutions for Your Global Market

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