

# WSFA-00037 – AMPS Fullband Dual Receive Filter Assembly

## ◆ Features:

- Primary and Diversity Receive Filters in One Assembly
- Low Insertion Loss – 0.7 dB Typical
- High Symmetric Rejection – 65 dB Typical
- Very Low Profile – 1.5" max. Height
- Low Cost Design

## ◆ Specifications:

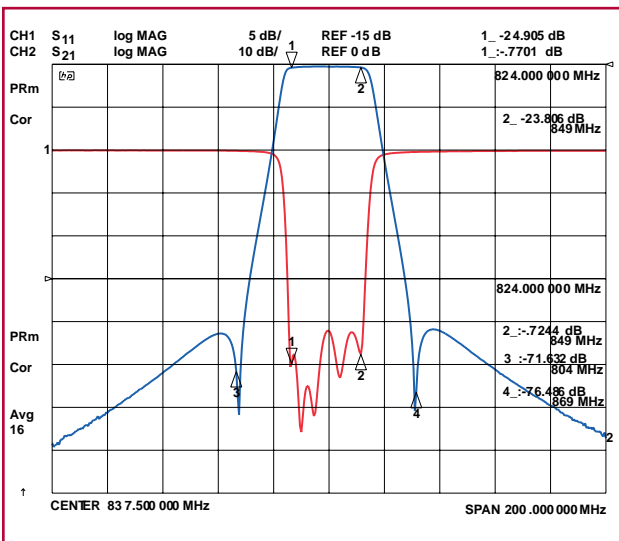
Passband:	824-849 MHz
Passband Insertion Loss:	1.0 dB max.
Passband Amplitude Flatness:	0.4 dB p-p max.
Passband Group Delay Flatness:	40 nS p-p max.
Passband Return Loss:	14 dB min.
Rejection	
DC-804 MHz :	-60 dBc min.
869-2682 MHz:	-60 dBc min.

Operating Temperature Range:	-20°C to +70°C
Storage Temperature Range:	-40°C to +85°C
Operating Humidity:	0 to 90% Relative, non-condensing
Dimensions:	4.8"D x 5.0"W x 1.5" (max) H
	(excluding connectors) [121.9 x 127 x 38.1mm]
Connectors:	SMA-F (x4)

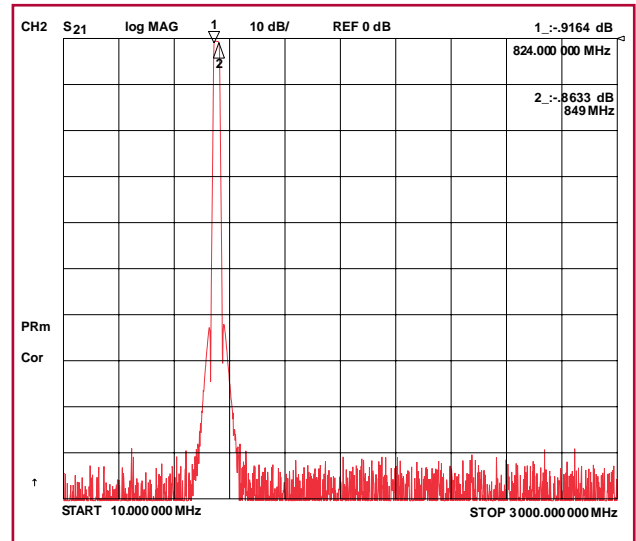


## ◆ Applications:

- Macro, Micro and Pico AMPS Cellular Base Stations
- Prototype and Test Systems



Typical S<sub>11</sub> and S<sub>21</sub> Response



Typical Wide Band S<sub>21</sub> Response

Filtering Solutions for Your Global Market

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