

WSD-00191 UMTS Band Duplexer

◆ Features:

- 75 dB Minimum Isolation
- Low Insertion Loss – 0.8 dB Typical
- High Transmit Power Handling



◆ Specifications:

Passbands		Maximum Transmit Power Handling	
Receive:	1920–1980 MHz	CW:	50 Watts
Transmit:	2110–2170 MHz	Peak Instantaneous:	1000 Watts
Passband Insertion Loss:	1.0 dB max.	Operating Temperature:	-20 to +70°C
Passband Return Loss:	15 dB min.	Storage Temperature:	-40 to +85°C
Antenna-to-Receive Rejection		Operating Humidity:	0 to 90%, Relative, non-condensing
DC-1900 MHz:	60 dB min.	Dimensions:	5.62"L x 5.5"W x 1.5"H
2110-4000 MHz:	50 dB min.		(excluding connec- tors) [142.7 x
4000-6500 MHz:	25 dB min.		139.7 x 38.1mm]
Transmit-to-Antenna Rejection		Connectors:	N-F
DC-2090 MHz:	60 dB min.		
2190-4000 MHz:	50 dB min.		
4000-6500 MHz:	55 dB min.		
Channel-to-Channel Isolation:	75 dB min.		

◆ Applications:

- Picocell, Microcell and Macrocell Base Station Installations
- Handset or Equipment Test Systems

Filtering Solutions for Your Global Market

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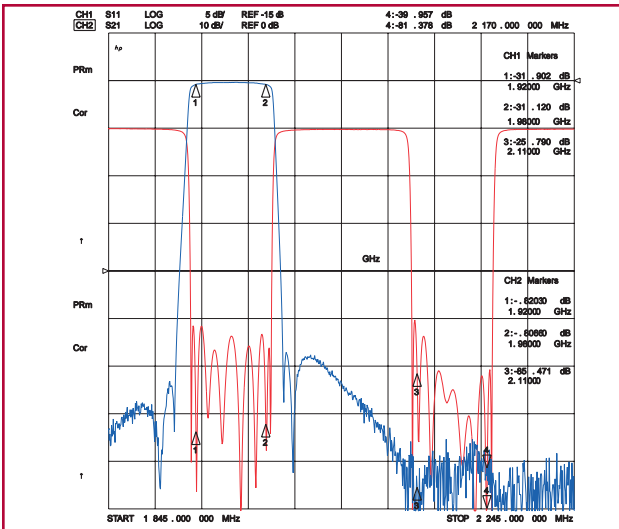
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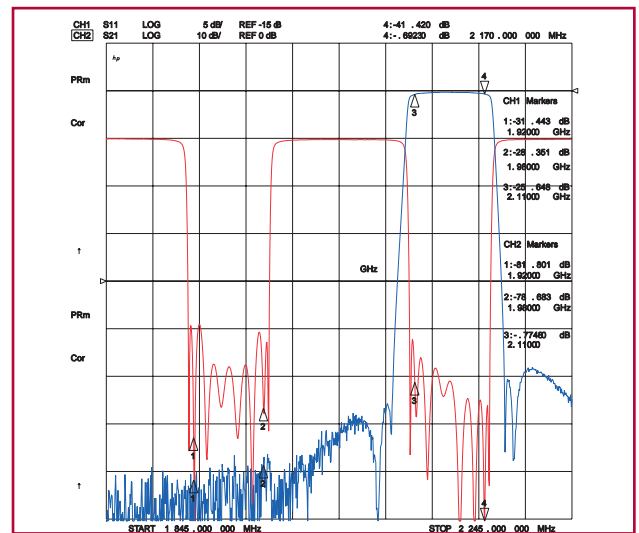
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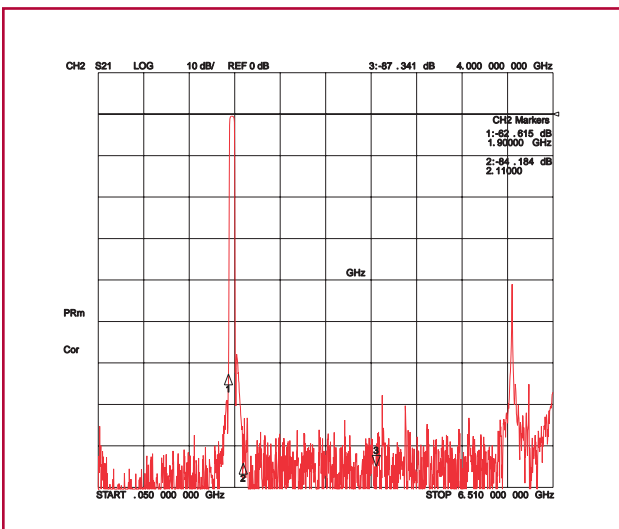
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Receive Channel



Transmit Channel



Out-of-Band Response

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