

- CDMA450 H-Band, Balanced RF-Rx SAW Filter
- Revision 0: January 2008

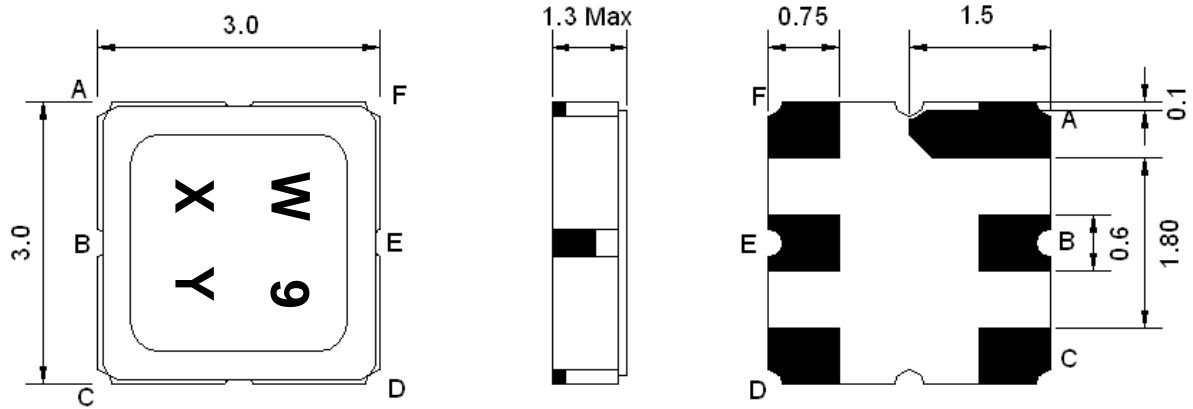
## Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	25
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (balanced ended) <sup>(1)</sup>	Ω	-	100	-
Package type & size	M3			
Length x Width	mm <sup>2</sup>	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	463.5	-
Insertion Loss within 461.3 ~465.8 MHz	dB	-	2.4	4.0
<b>Stop Band Attenuation:</b>				
0.3 ~ 451.3 MHz	dB	35	50	-
451.3 ~ 455.8 MHz	dB	35	50	-
485.0 ~ 507.5 MHz	dB	40	50	-
507.5 ~ 1200.0 MHz	dB	40	55	-
1200.0 ~ 2000.0 MHz	dB	35	50	-
VSWR in 461.3 ~ 465.8 MHz	dB	-	2.1	2.5

**Notes:** (1) No Matching Network.

## Package Dimensions



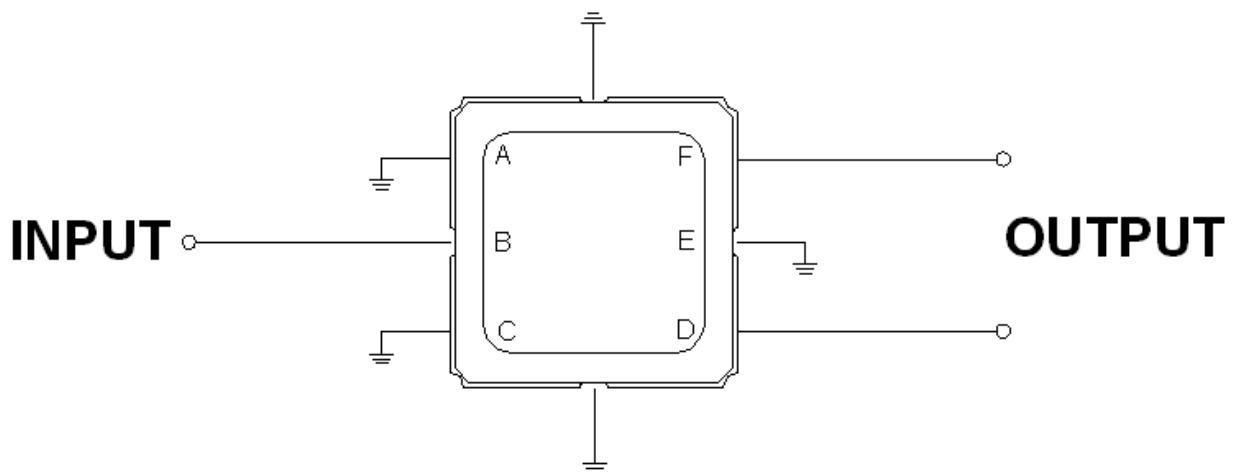
### Marking Descriptions

W	CDMA450 Application
9	Series Number
X	Date Code (Year)
Y	Date Code (Month)

### Pin Description

A, C, E	Ground
B	In
D, F	Out

## Testing Environment

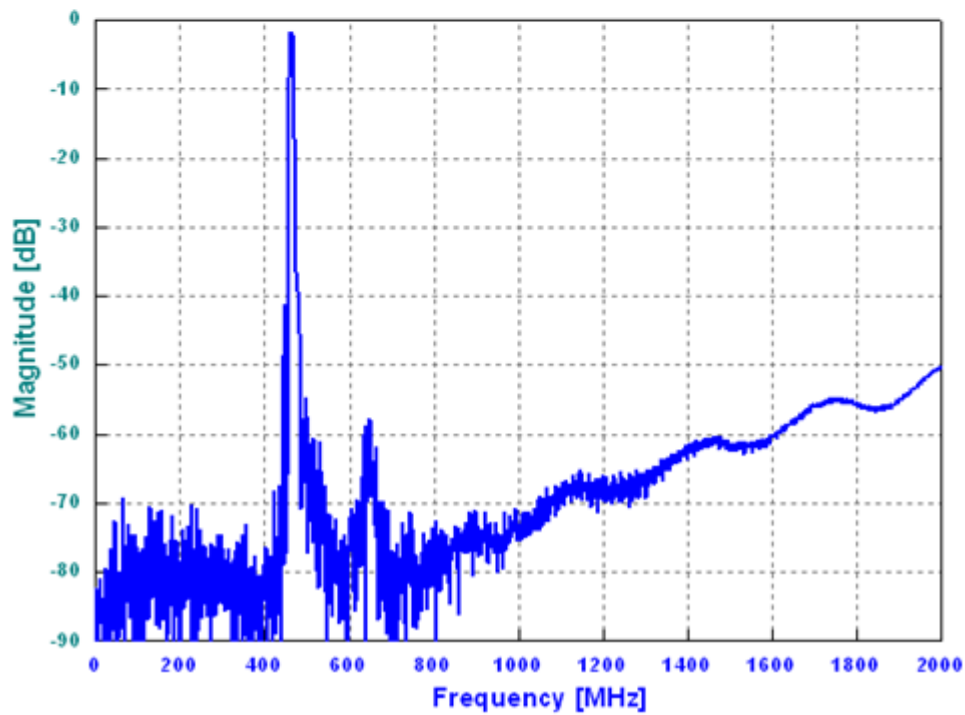
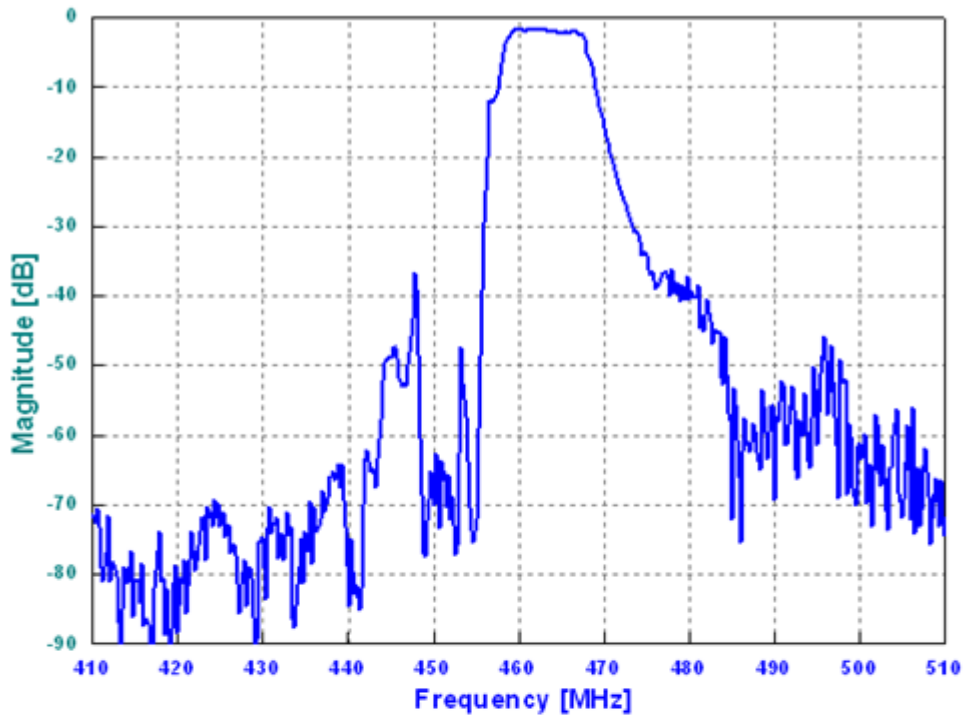


Source Impedance: 50  $\Omega$

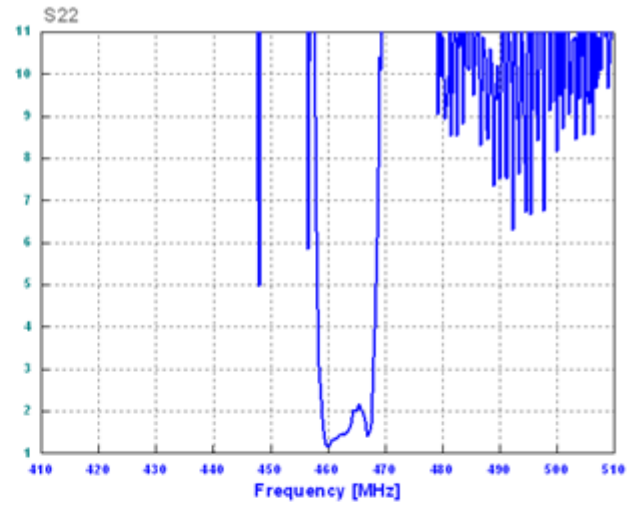
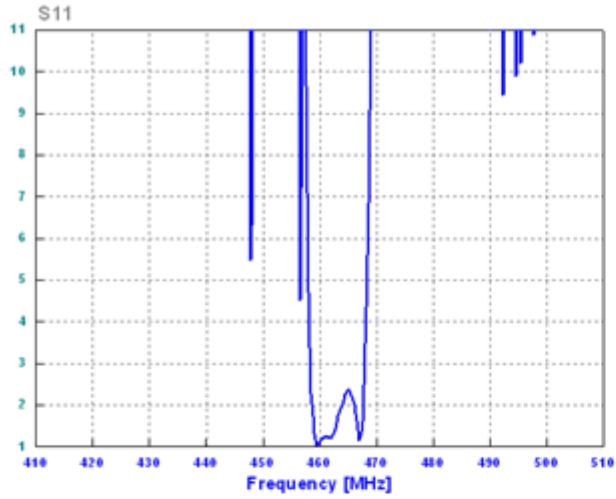
Load Impedance: 100  $\Omega$

## Frequency Characteristics

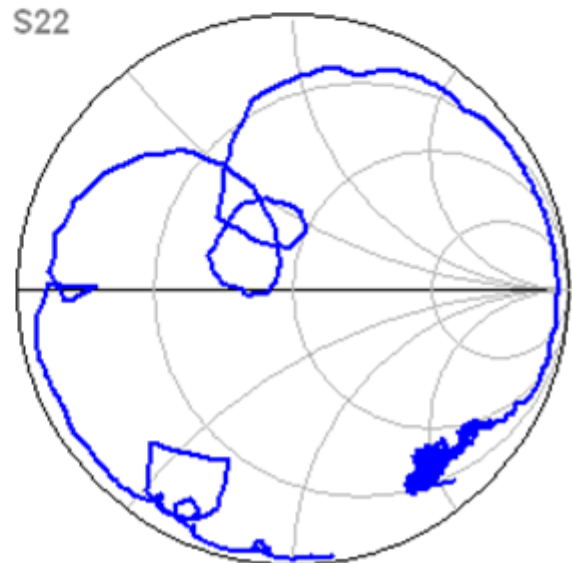
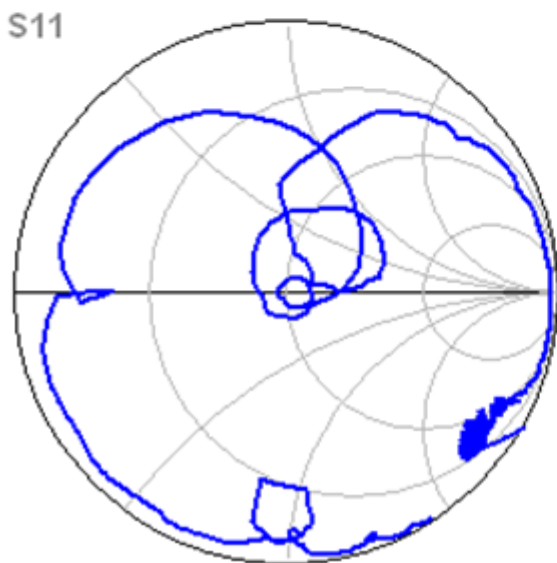
Frequency Response



**VSWR**



**Smith Chart**



**Tr**  
Tel: 714-528-

