



*Total Solution Provider in Saw Device*

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# SA2463AM

Wireless , RF SAW Filter  
Revision 1: June 2012



- Electrical Characteristics
  - Package Dimensions
  - Testing Environment
  - Frequency Characteristics
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**Electrical Characteristics****Maximum Ratings**

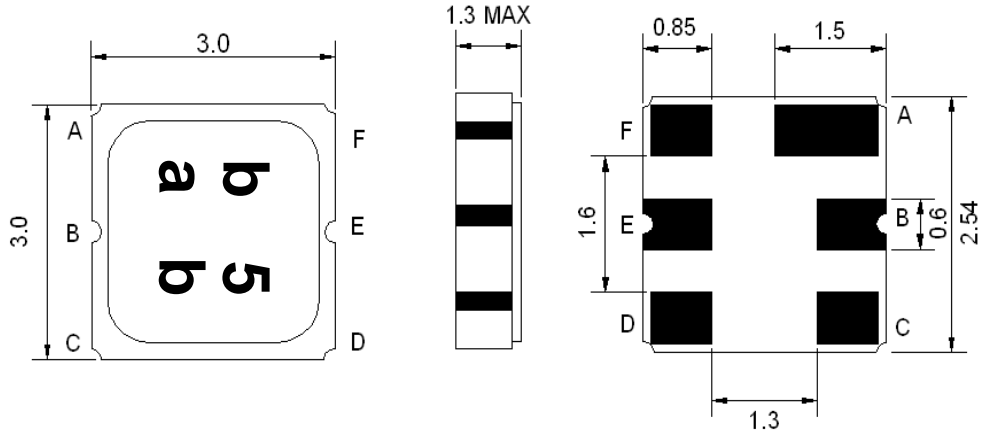
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+80
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	15
Source Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Load Impedance (single ended) <sup>(1)</sup>	Ω	-	50	-
Package type & size	M			
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	-	2463.0	-
Insertion Loss within 2442.0 ~ 2485.0 MHz	dB	-	2.6	3.5
Amplitude Ripple within 2442.0 ~ 2485.0MHz	dB <sub>p-p</sub>	-	1.3	2.2
<b>Attenuation:</b>				
2300.0~ 2400.0 MHz	dB	15	32	-
VSWR within 2442.0 ~ 2485.0 MHz	-	-	1.5	2.3

**Notes :** (1) No Matching Network (Ref. Testing Environment Circuit as shown below).

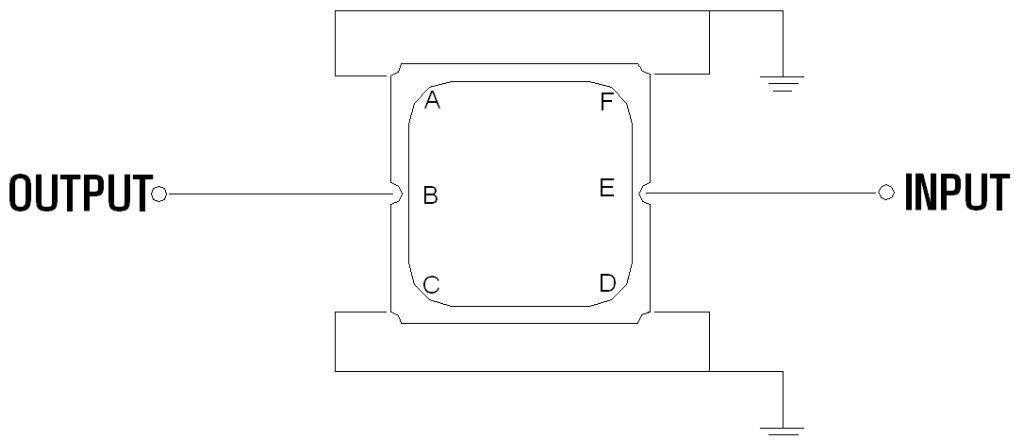
**Package Dimensions**



Marking Descriptions	
b	Wireless Application
5	Series Number
a	Date Code(Year)
b	Date Code(Month)

Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

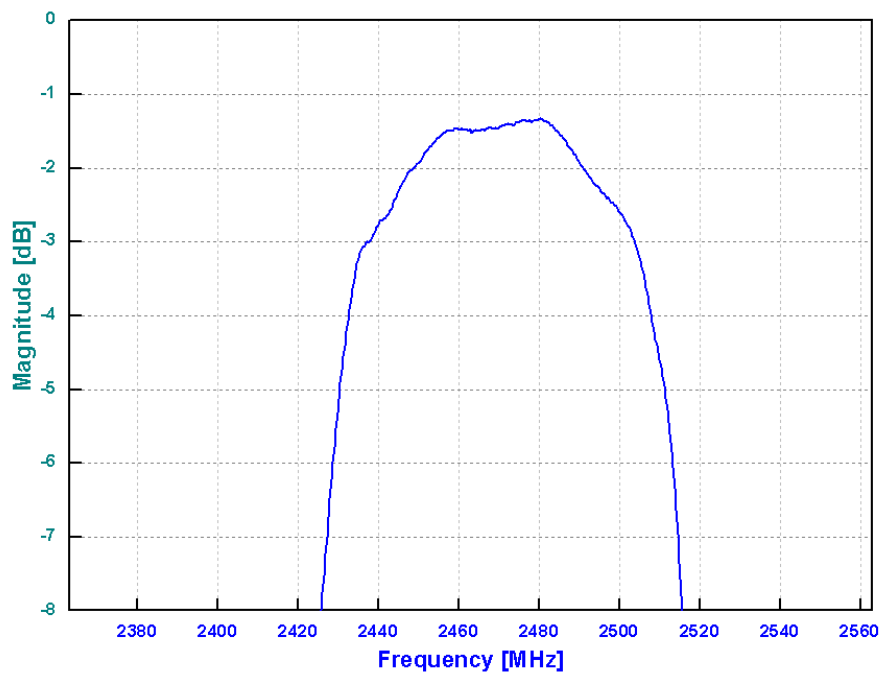
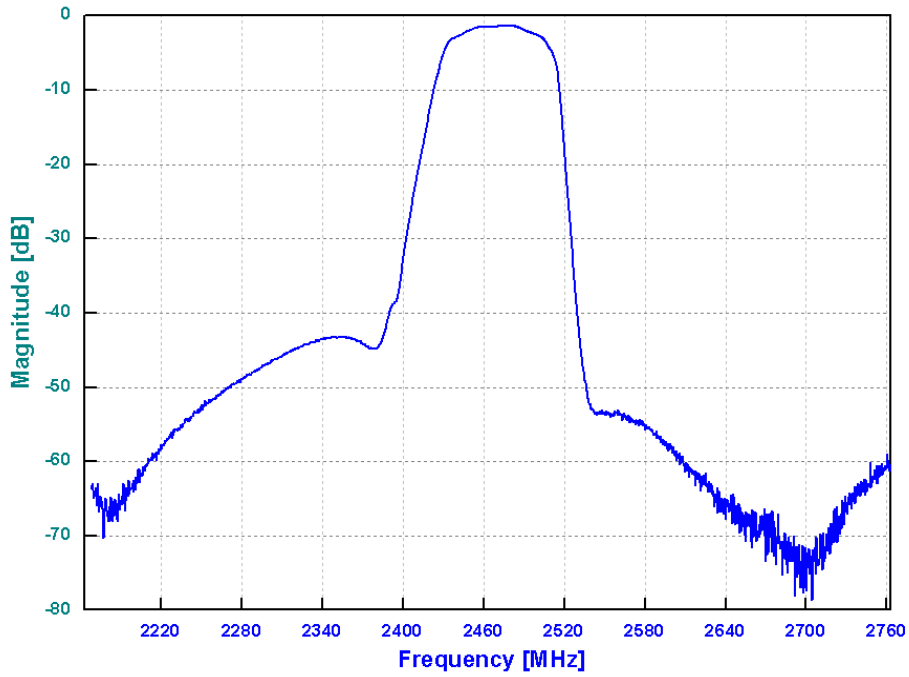
**Testing Environment**



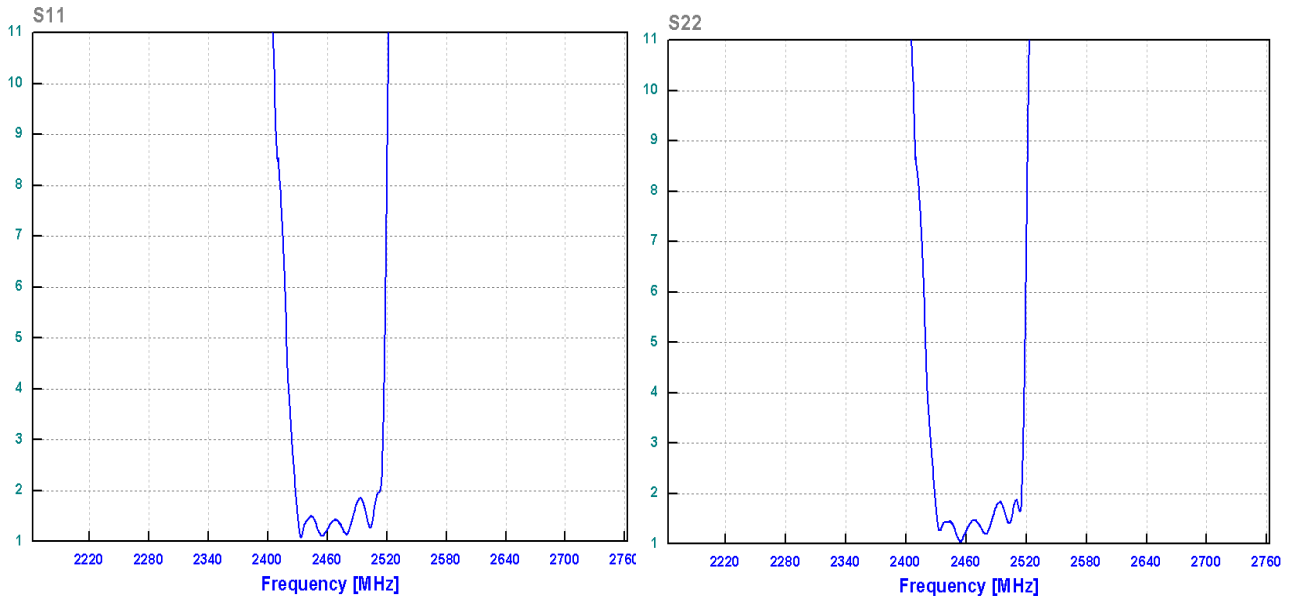
Source & Load Impedance: 50 Ω

## □ Frequency Characteristics

Frequency Response



### VSWR



### Smith Chart

