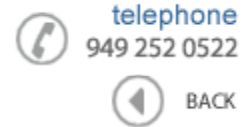


**Data Sheet**

Product Category: RF SAW Filter

| Part Number    | Package       | Application        | Last Modified |
|----------------|---------------|--------------------|---------------|
| 803-RF467.6M-A | 3.8 x 3.8 SMD | CDMA450(G-Band) Rx | Jan. 01, 2007 |

TYPE :

CDMA450(G-Band), RF-Rx SAW Filter

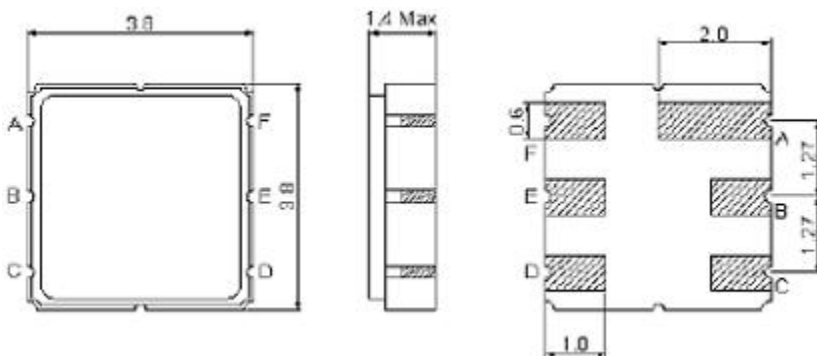


PART NUMBER :

**803-RF467.6M-A****OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

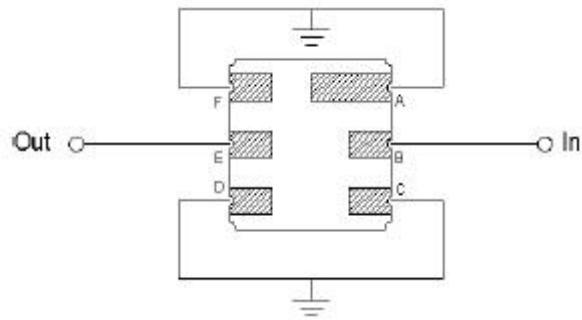
| PARAMETERS                       | Condition           | Minimum | Typical | Maximum | Units |
|----------------------------------|---------------------|---------|---------|---------|-------|
| Center Frequency (Fo)            | -                   | -       | 467.6   | -       | MHz   |
| Maximum Insertion Loss           | 465.2 ~ 470.0 MHz   | -       | 2.8     | 4.8     | dB    |
| Stop Band Attenuation:           | 0.3 ~ 455.2 MHz     | 40      | 50      | -       | dB    |
|                                  | 455.2 ~ 460.0 MHz   | 35      | 49      | -       |       |
|                                  | 490.0 ~ 700.0 MHz   | 40      | 50      | -       |       |
|                                  | 700.0 ~ 1200.0 MHz  | 30      | 42      | -       |       |
|                                  | 1200.0 ~ 2000.0 MHz | 20      | 35      | -       |       |
| Source Impedance (single ended)* | -                   | -       | 50      | -       | ohm   |
| Load Impedance (single ended)*   | -                   | -       | 50      | -       | ohm   |
| VSWR                             | 465.2 ~ 470.0 MHz   | -       | 1.8     | 2.0     | -     |
| Maximum Input Power              | -                   | -       | -       | 27      | dBm   |
| Operating Temperature            | -                   | -30     | -       | +80     | °C    |

\* No Matching Network

**PACKAGE OUTLINE (mm)**

| PIN LAYOUT |        |
|------------|--------|
| A          | Ground |
| B          | In     |
| C          | Ground |
| D          | Ground |
| E          | Out    |
| F          | Ground |

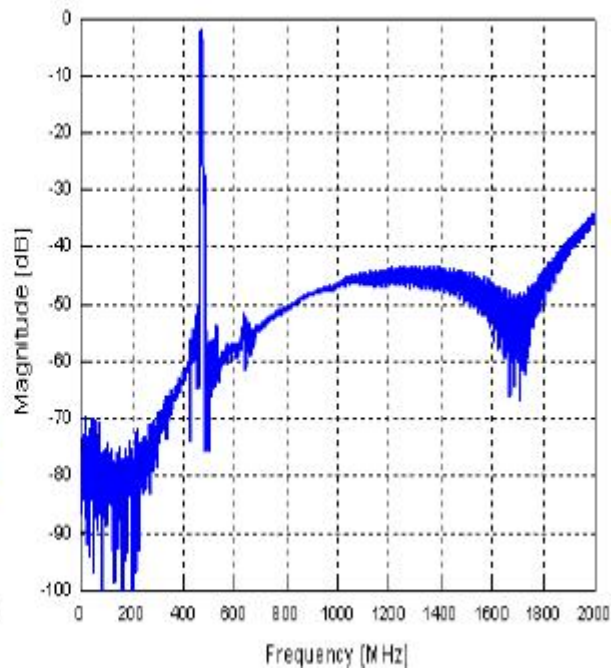
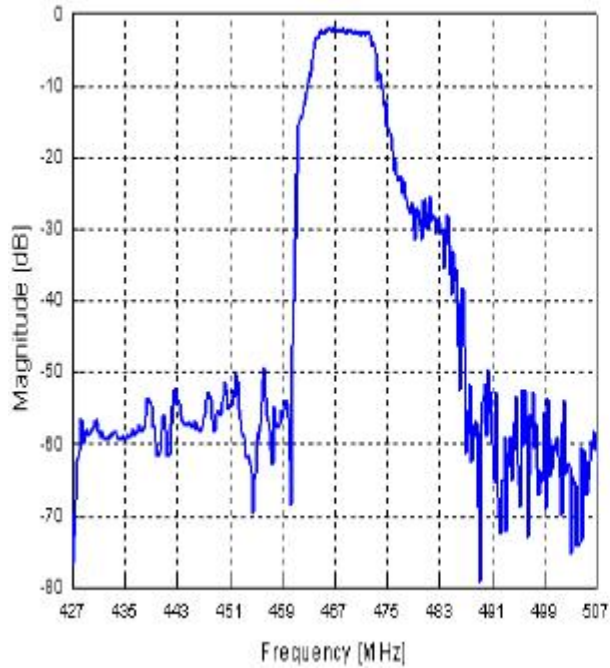
**TEST FIXTURE**



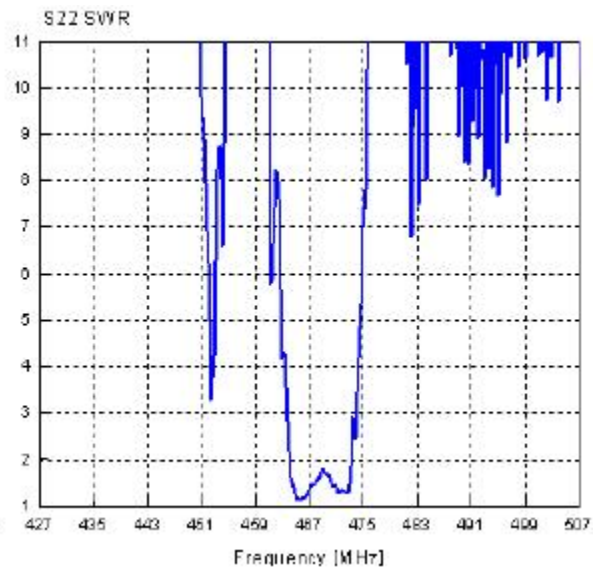
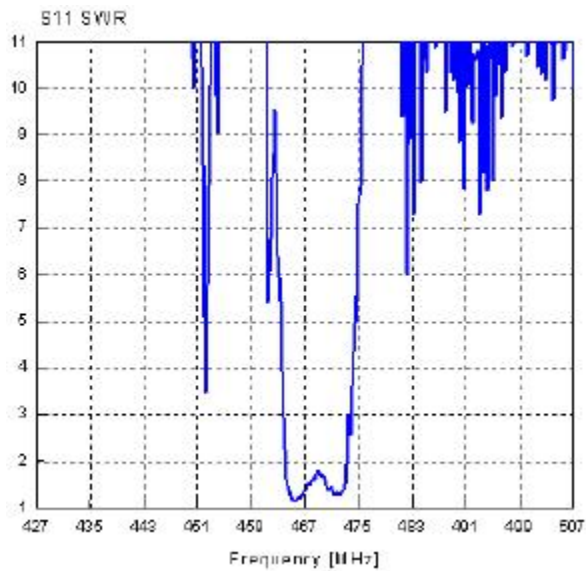
Load Impedance = 100 ohms

Source Impedance = 50 ohms

## FREQUENCY RESPONSE

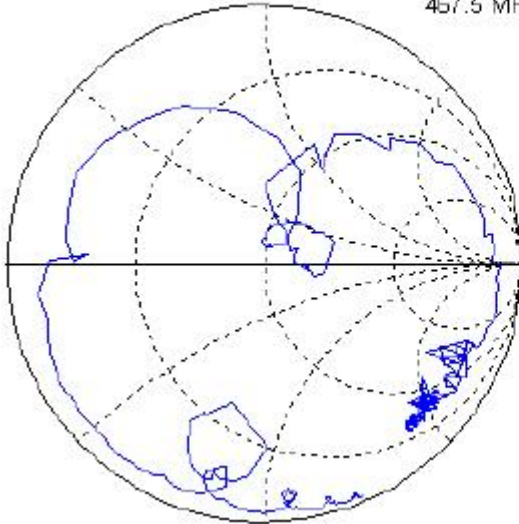
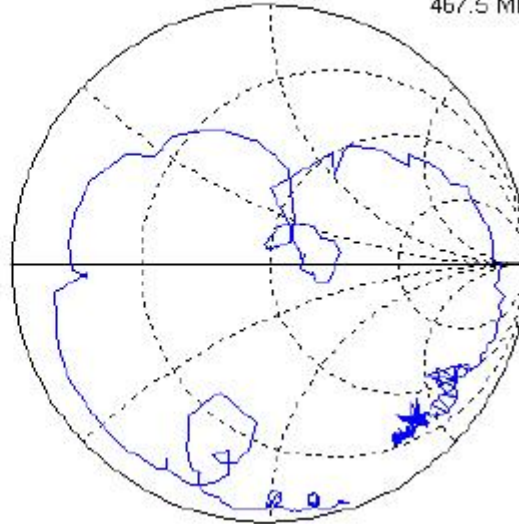


## VSWR



## SMITH CHART

S11

 $56.9527 + j19.4226$  S22  
467.5 MHz $58.2811 + j18.408$   
467.5 MHz**Oscilent Corporation** - CALL **949.252.0522**18195 East McDermott Street , Building D , Irvine , CA 92614 , USA  
Fax: 949.252.0599 , E-Mail: Sales@Oscilent.com**Part No.:** 803-RF467.6M-A