

- Wireless, RF SAW Filter
- Revision 0: November 2009

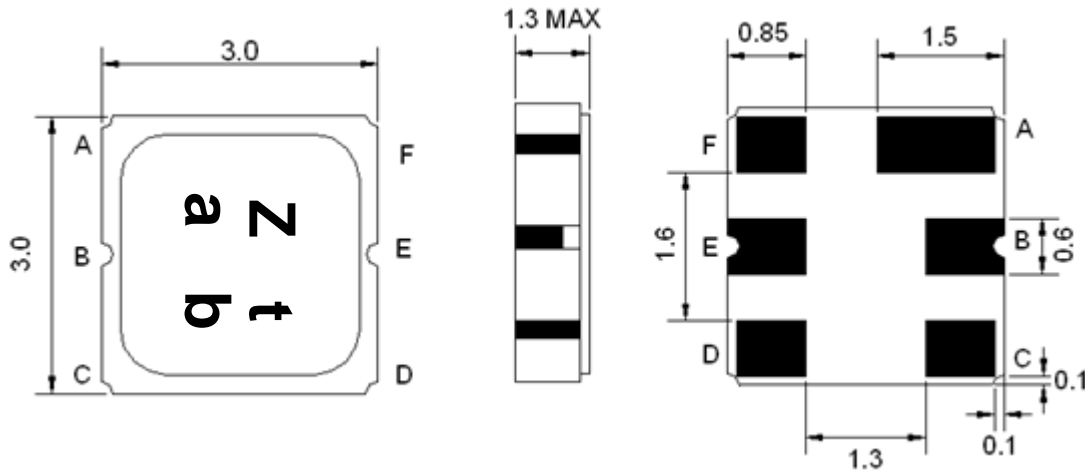
Electrical Characteristics

| 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 | - | - | 10 |
| Source Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Load Impedance (single ended) ⁽¹⁾ | Ω | - | 50 | - |
| Package type & size | M | | | |
| Length x Width | mm ² | - | 3.0 x 3.0 | - |
| Height | mm | - | - | 1.3 |

| ELECTRICAL SPECIFICATION | | | | |
|--------------------------|------|---------|---------|---------|
| PARAMETERS DESCRIPTION | UNIT | MINIMUM | TYPICAL | MAXIMUM |
| Center Frequency (Fo) | MHz | - | 2205.0 | - |
| Insertion Loss at Fo | dB | - | 1.9 | 3.0 |
| Attenuation: | | | | |
| 1900.0 ~ 2100.0 MHz | dB | 35 | 47 | - |
| 2300.0~ 2500.0 MHz | dB | 40 | 51 | - |
| VSWR at Fo | - | - | 1.7 | 2.2 |

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

Package Dimensions



| Marking Descriptions | |
|----------------------|----------------------|
| Z | Wireless Application |
| t | Series Number |
| a | Date Code (Year) |
| b | Date Code (Month) |

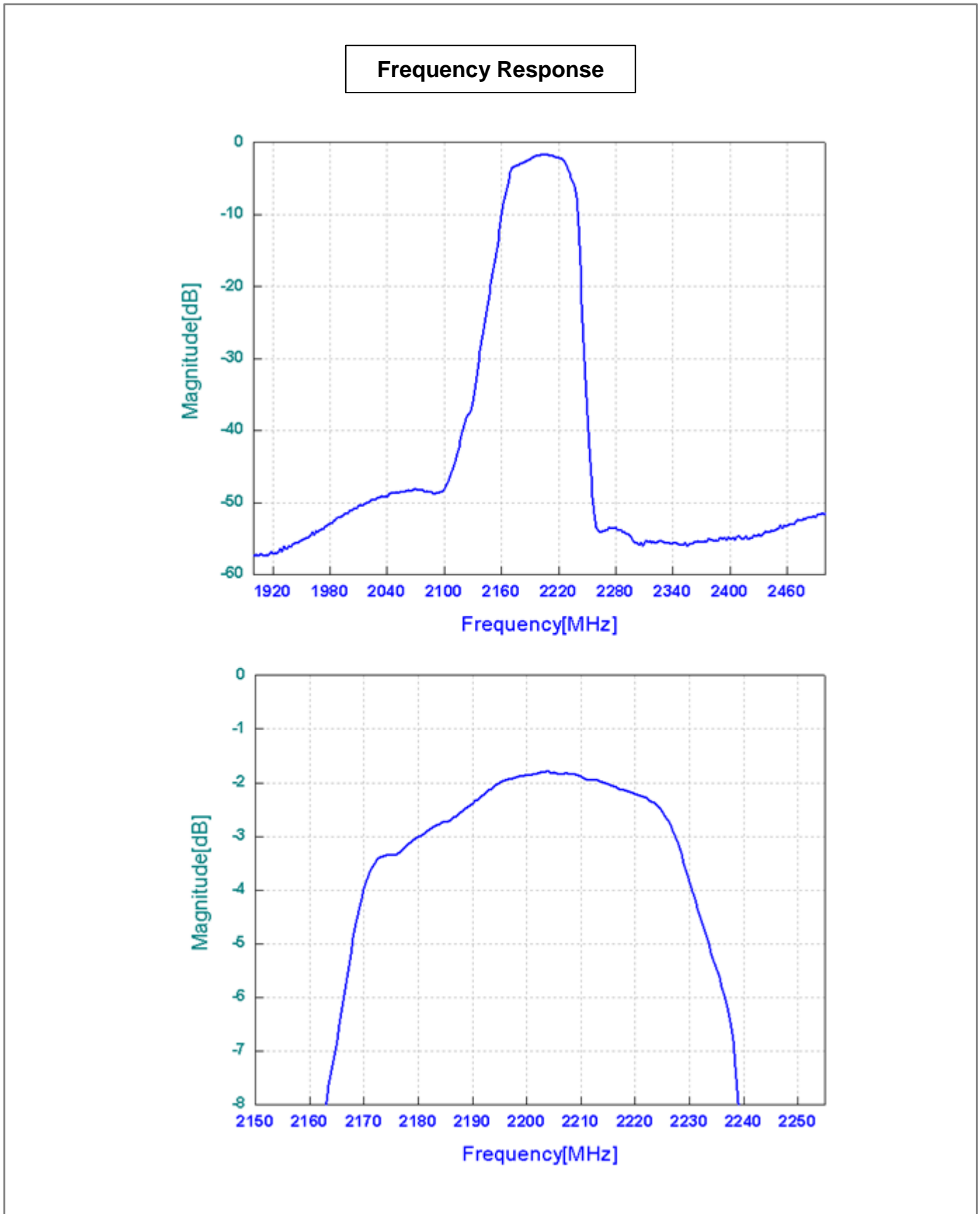
| Pin Description | |
|-----------------|-----------|
| A, C, D, F | Ground |
| E | In or Out |
| B | Out or In |

Testing Environment

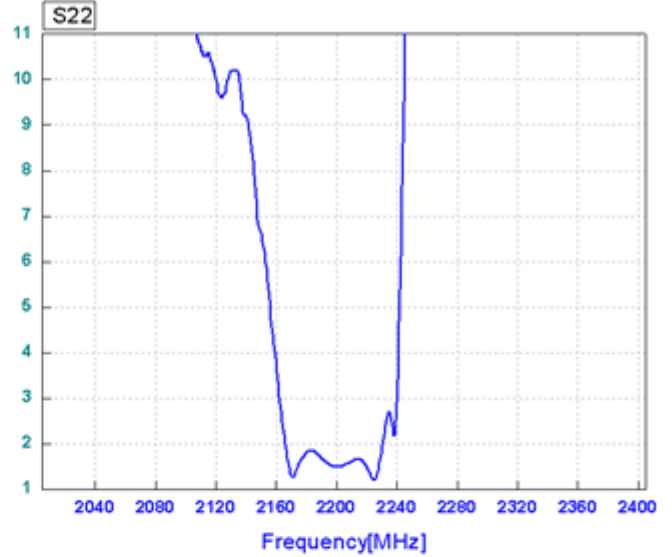
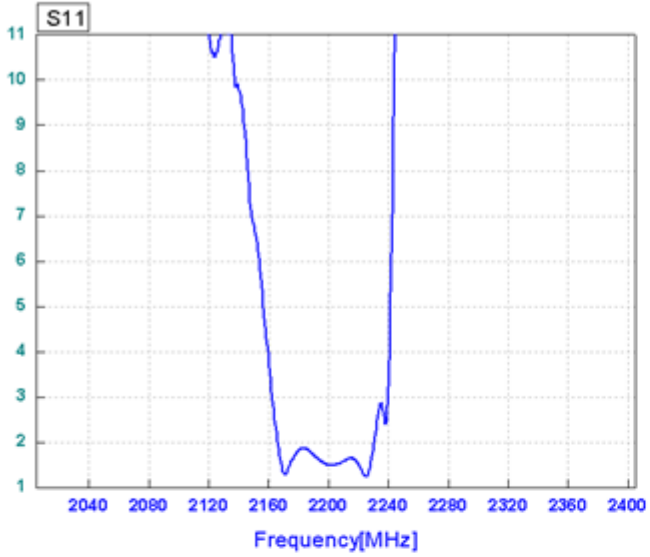


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

