

- TD-SCDMA, RF SAW Filter
- Revision 0: September 2009

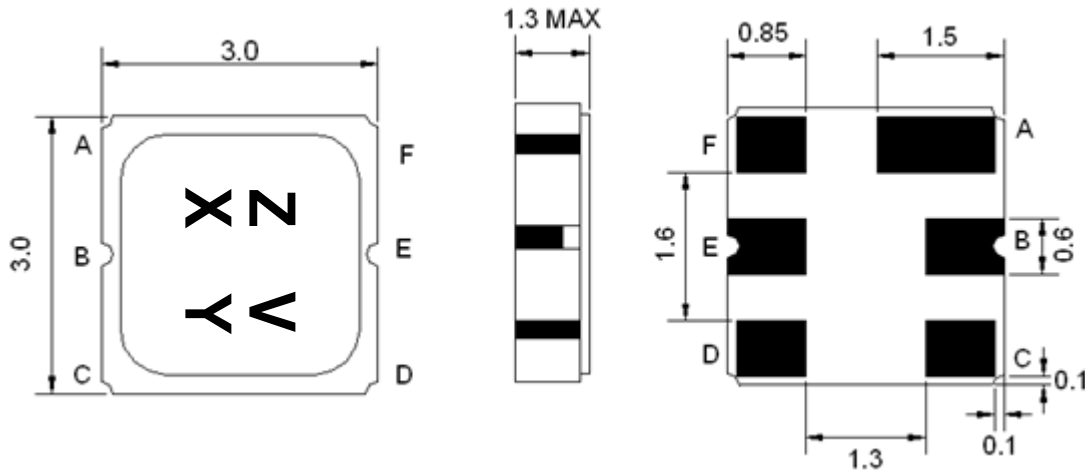
Electrical Characteristics

MAXIMUM RATING				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-30	-	+85
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	-	2017.5	-
Insertion Loss within 2010.0 ~ 2025.0 MHz	dB	-	2.5	3.2
Amplitude Ripple within 2010.0 ~ 2025.0 MHz	dB _{p-p}	-	0.8	1.5
Attenuation:				
D.C. ~ 1820.0 MHz	dB	35	42	-
1820.0 ~ 1850.0 MHz	dB	40	55	-
1920.0 ~ 1980.0 MHz	dB	13	18	-
2085.0 ~ 2400.0 MHz	dB	40	50	-
2400.0 ~ 2430.0 MHz	dB	40	55	-
2430.0 ~ 3000.0 MHz	dB	30	45	-
VSWR within 2010.0~2025.0 MHz	-	-	1.4	2.1

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

Package Dimensions



Marking Descriptions	
Z	Wireless Application
V	Series Number
X	Date Code (Year)
Y	Date Code (Month)

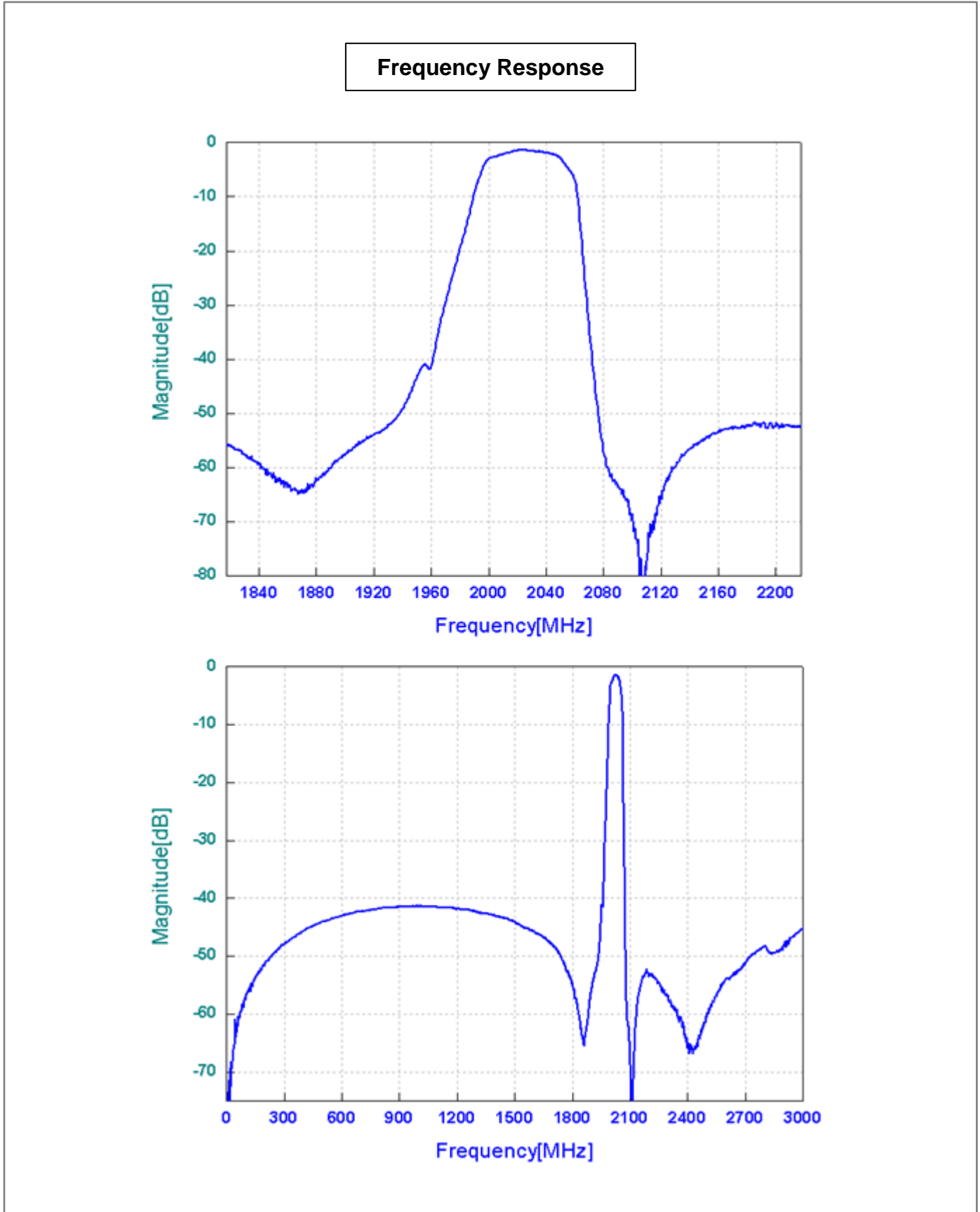
Pin Description	
A, C, D, F	Ground
B	In or Out
E	Out or In

Testing Environment

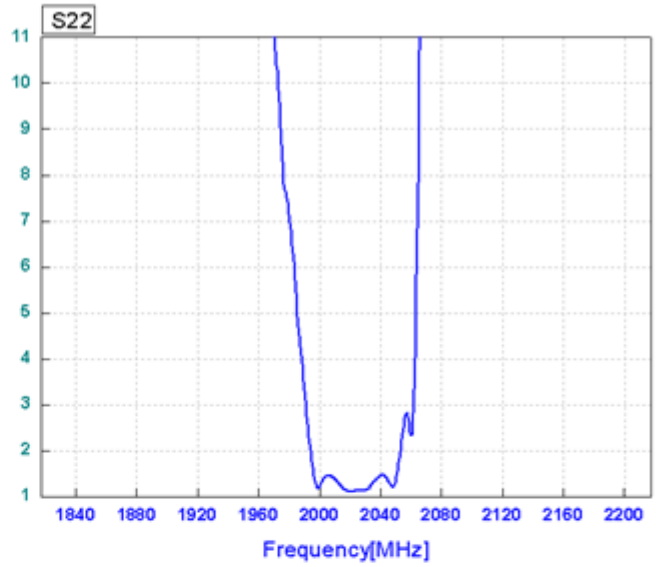
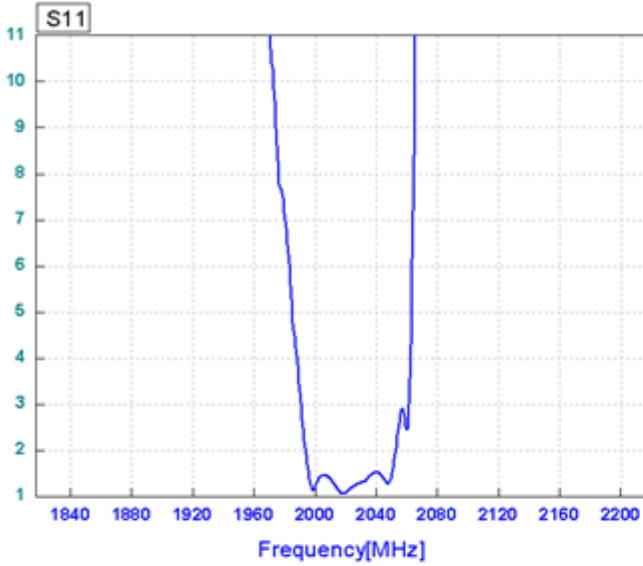


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

