

- LTE-Band41, RF SAW Filter
- Revision 1: May 2014

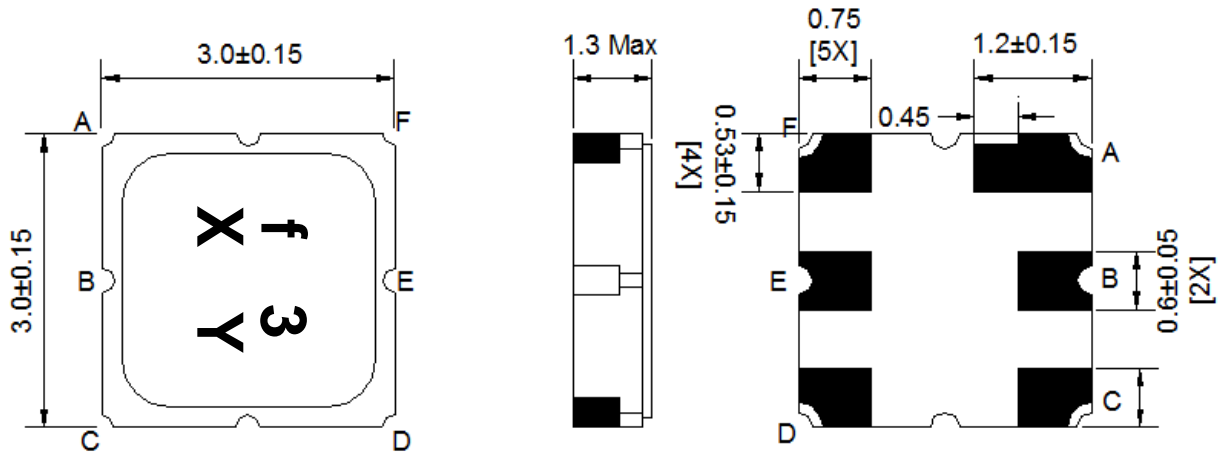
Electrical Characteristics

MAXIMUM RATINGS				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Operating Temperature Range	°C	-40	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	0
Maximum Input Power	dBm	-	-	28
Source Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Load Impedance (single ended) ⁽¹⁾	Ω	-	50	-
Package type & size	S20			
Length x Width	mm ²	-	3.0 x 3.0	-
Height	mm	-	-	1.3

ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Insertion Loss within 2575.0 ~ 2635.0 MHz	dB	-	3.2	4.0
Amplitude Ripple within 2575.0 ~ 2635.0 MHz	dB _{p-p}	-	1.5	2.2
Absolute Delay within 2575.0 ~ 2635.0 MHz	nsec	-	9	20
Group Delay variation within 2575.0 ~ 2635.0 MHz	nsec	-	5	20
Insertion Loss within 2575.0 ~ 2635.0 MHz	dB	-	3.2	4.0
Attenuation:				
D.C. ~ 800.0 MHz	dB	30	39	-
800.0 ~ 2200.0 MHz	dB	30	37	-
2200.0 ~ 2300.0 MHz	dB	40	50	-
2300.0 ~ 2400.0 MHz	dB	30	40	-
2400.0 ~ 2500.0 MHz	dB	30	34	-
2500.0 ~ 2535.0 MHz	dB	15	34	-
2535.0 ~ 2570.0 MHz	dB	1	4	-
2640.0 ~ 2675.0 MHz	dB	1	3	-
2675.0 ~ 2700.0 MHz	dB	15	23	-
2700.0 ~ 3500.0 MHz	dB	30	34	-
VSWR within 2575.0 ~ 2635.0 MHz	-	-	1.3	1.8

Notes: (1) With Matching Network.

Package Dimensions



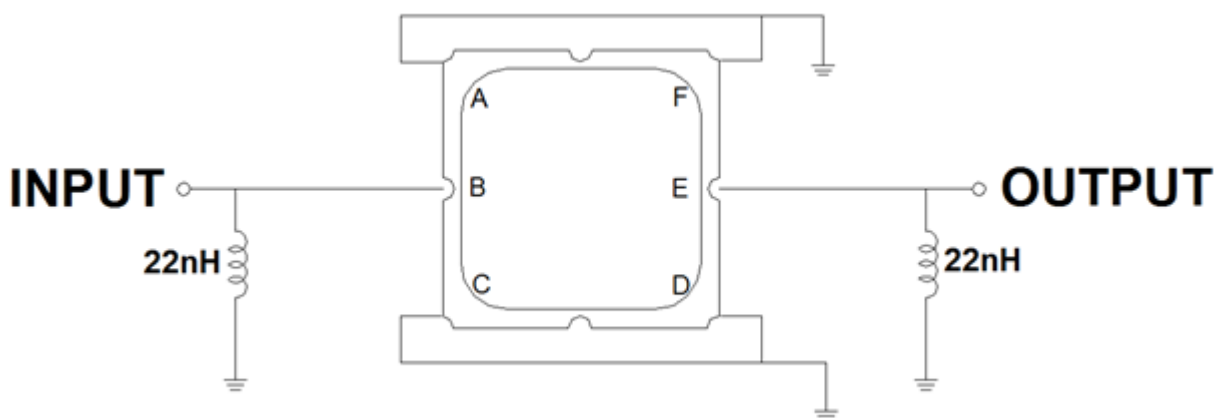
Marking Descriptions

Marking Descriptions	
f	Band41 Application
3	Series Number
X	Date Code (Year)
Y	Date Code (Month)

Pin Description

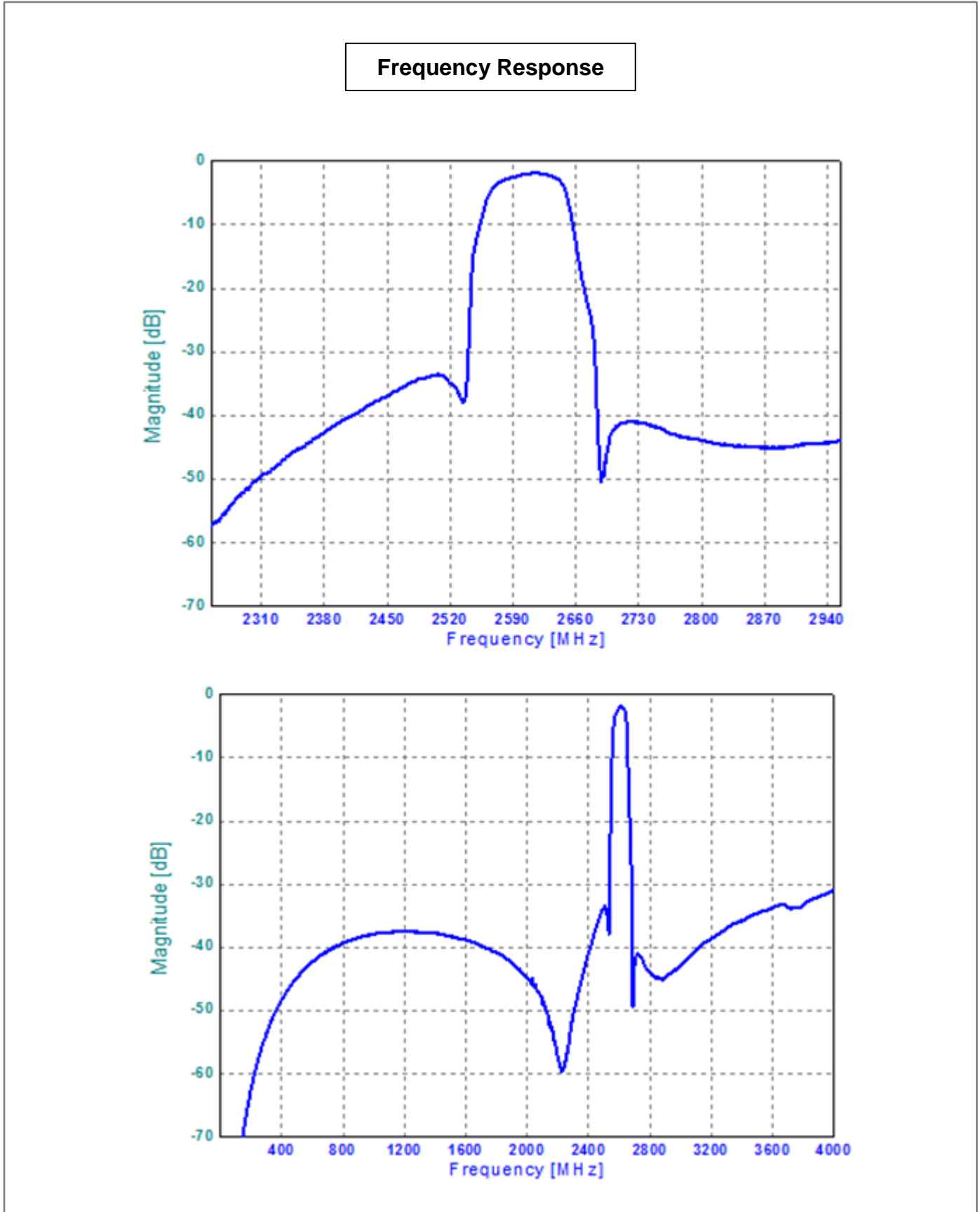
Pin Description	
A, C, D, F	Ground
E	In or Out
B	Out or In

Testing Environment

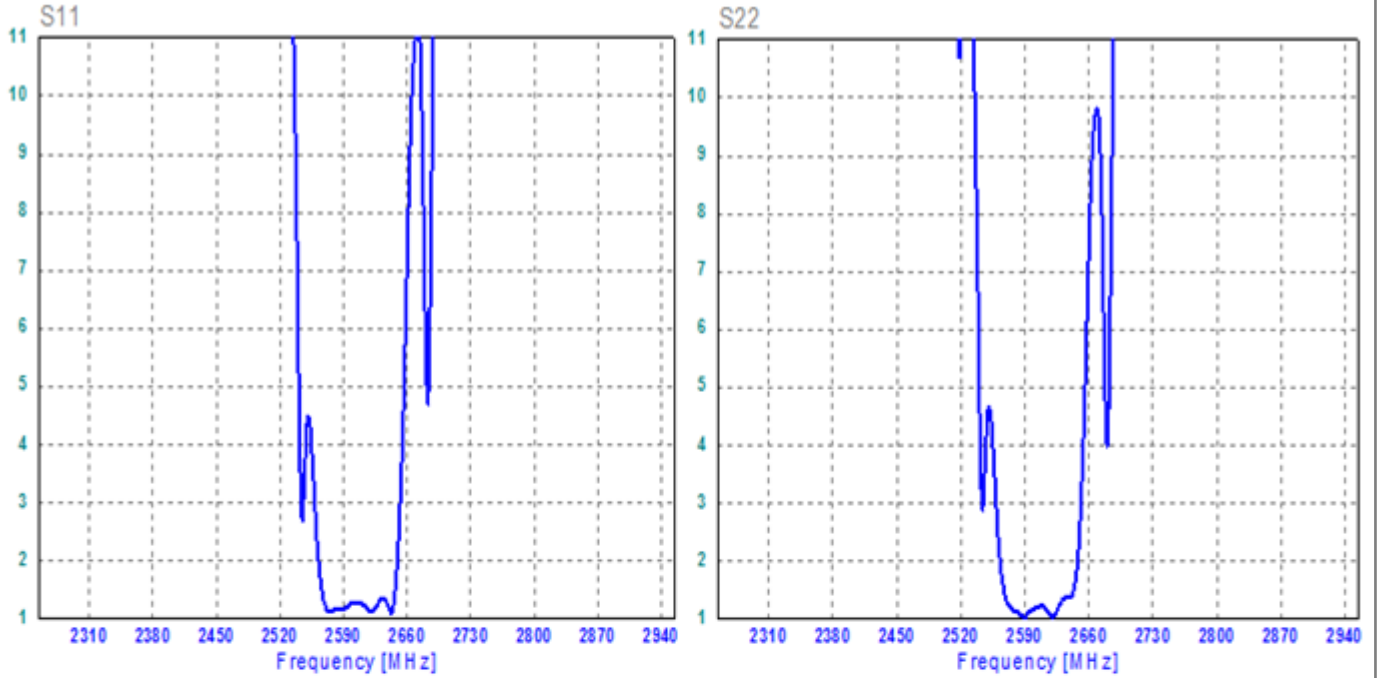


Source & Load Impedance: 50 Ω

Frequency Characteristics



VSWR



Smith Chart

