



SK3390R

LTE-Band39, RF-Rx SAW Filter
Revision 0: September 2017

MSL 3 Device



- Electrical Characteristics
 - Package Dimensions
 - Testing Environment
 - Frequency Characteristics
-

□ Electrical Characteristics

Maximum Ratings

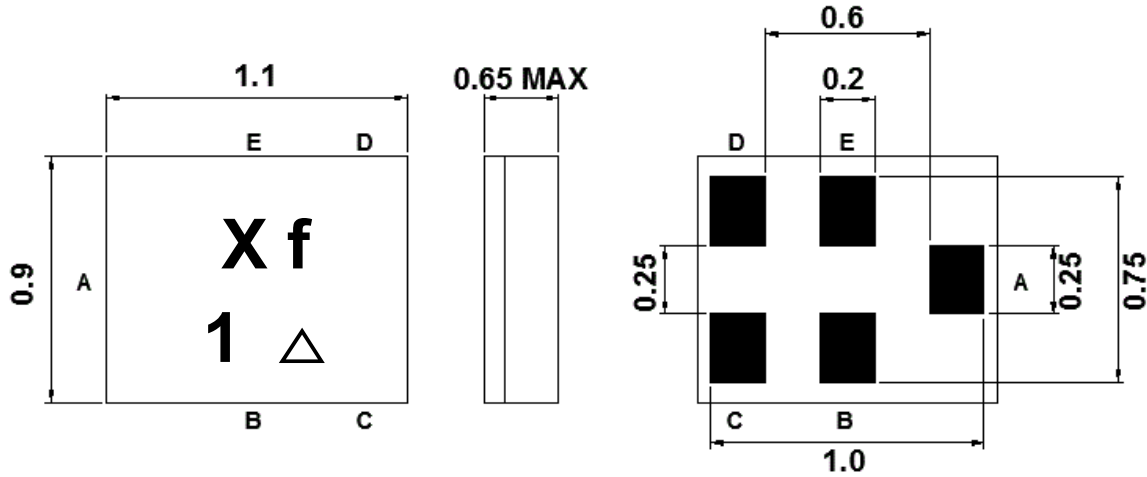
Parameters Description	Unit	Minimum	Typical	Maximum
Operating Temperature Range	°C	-30	-	+85
Storage Temperature Range	°C	-40	-	+85
Maximum DC Voltage	V	-	-	-
Maximum Input Power	dBm	-	-	15
Source Impedance (unbalance) ⁽¹⁾	Ω	-	50	-
Load Impedance (unbalance) ⁽¹⁾	Ω	-	50	-
Package type & size	C14			
Length x Width	mm ²	-	1.1 x 0.9	-
Height	mm	-	-	0.65

Electrical Specification

Parameters Description	Unit	Minimum	Typical @+25°C	Maximum	Note
Center Frequency (Fo)	MHz	-	1900.0	-	
Insertion Loss within 1880.0 ~ 1920.0 MHz	dB	-	1.9	2.3	-
within 1880.0 ~ 1920.0 MHz	dB	-	1.9	2.1	@+25°C
Amplitude Ripple within 1880.0 ~ 1920.0 MHz	dB _{p-p}	-	0.9	1.2	-
VSWR within 1880.0 ~ 1920.0 MHz	-	-	1.6	2.0	-
Attenuation:					
10.0 ~ 1605.89 MHz	dB	25	31	-	-
880.0 ~ 960.0 MHz	dB	25	31	-	-
1805.0 ~ 1830.0 MHz	dB	45	48	-	-
1830.0 ~ 1850.0 MHz	dB	10	26	-	@+25°C
2010.0 ~ 2025.0 MHz	dB	35	45	-	-
2300.0 ~ 2400.0 MHz	dB	35	43	-	-
2400.0 ~ 2500.0 MHz	dB	35	44	-	-
2500.0 ~ 2690.0 MHz	dB	35	45	-	-
2690.0 ~ 5000.0 MHz	dB	32	40	-	-

Notes : (1) With Matching Network (Ref. Testing Environment Circuit as shown below).

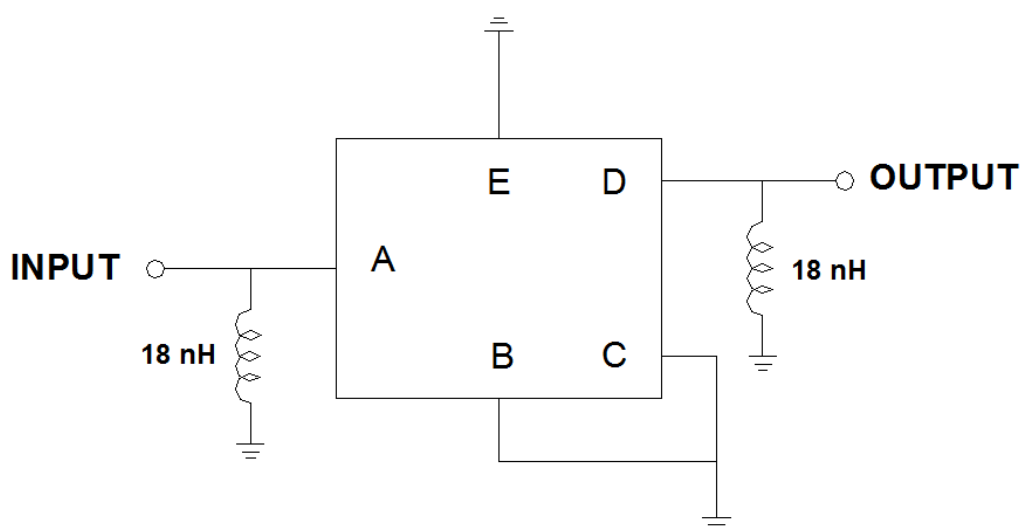
Package Dimensions



Marking Descriptions	
X	S or W
f	Band Class
1	Series Number
△	Date Code(Year+Month)

Pin Description	
B, C, E	Ground
A	Input
D	Output

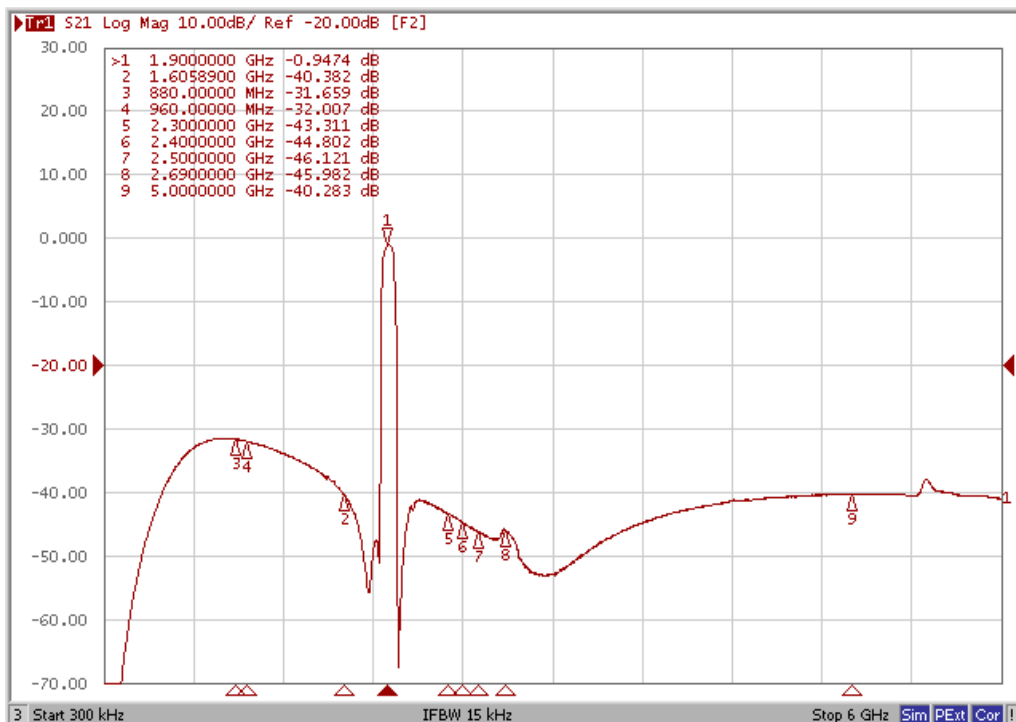
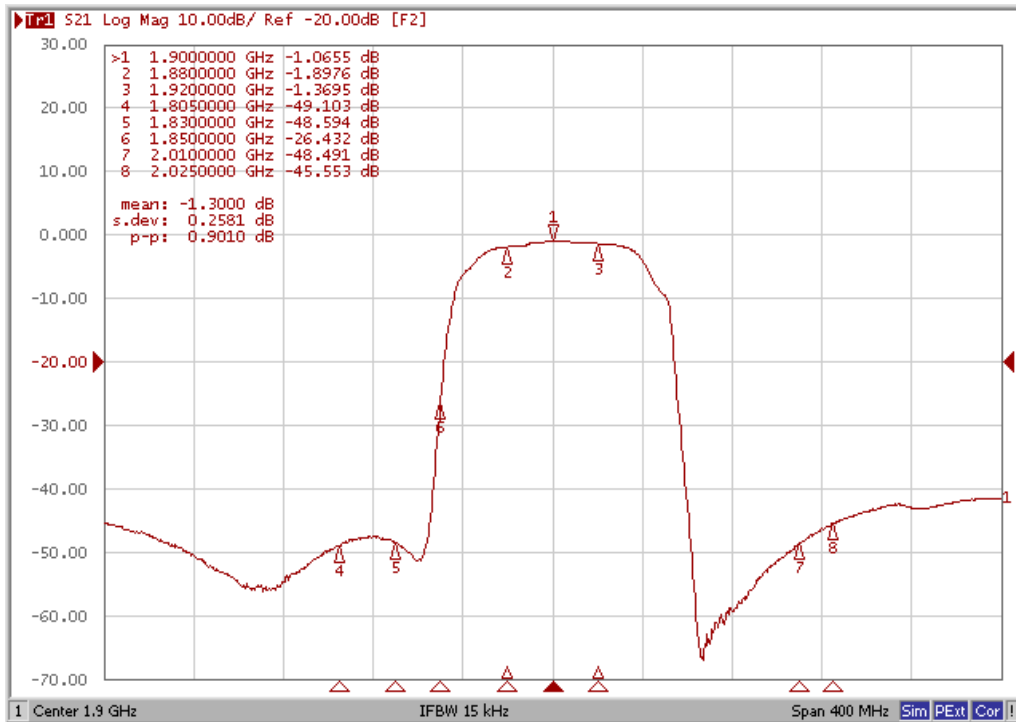
Testing Environment



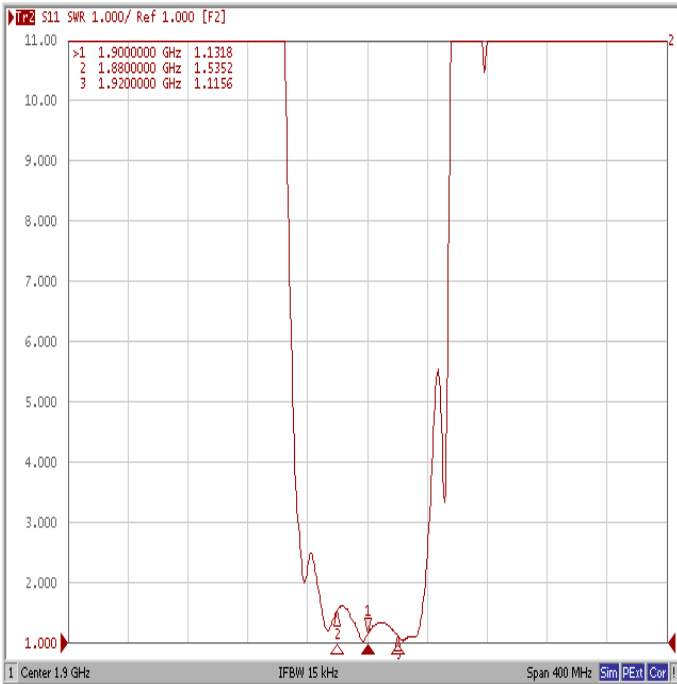
Source & Load Impedance: 50 Ω

□ Frequency Characteristics

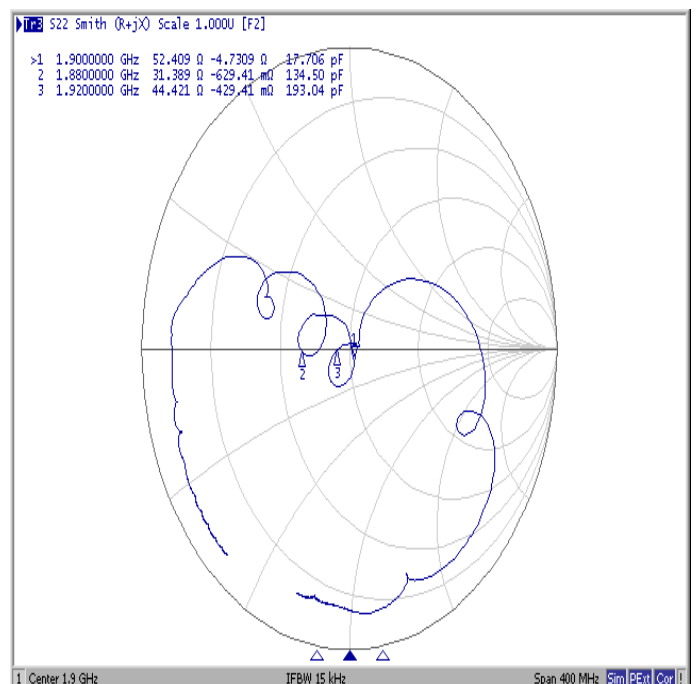
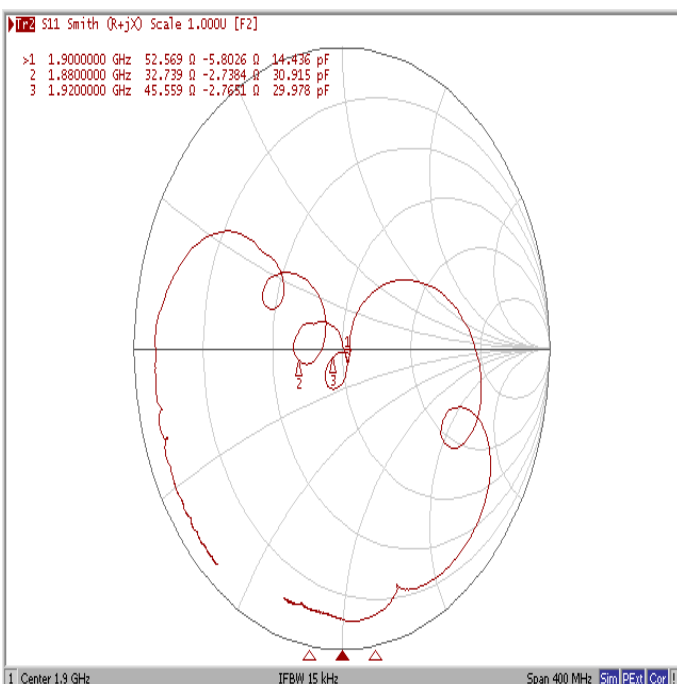
Frequency Response



VSWR



Smith Chart



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[DC0710J5005AHF](#) [DC2327J5005AHF](#) [43020](#) [LFB2H2G60BB1C106](#) [LFL15869MTC1B787](#) [X3C19F1-20S](#) [XC3500P-20S](#) [10013-20](#)
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