

- LTE-Band41, RF SAW Filter
- Revision 0: March 2014

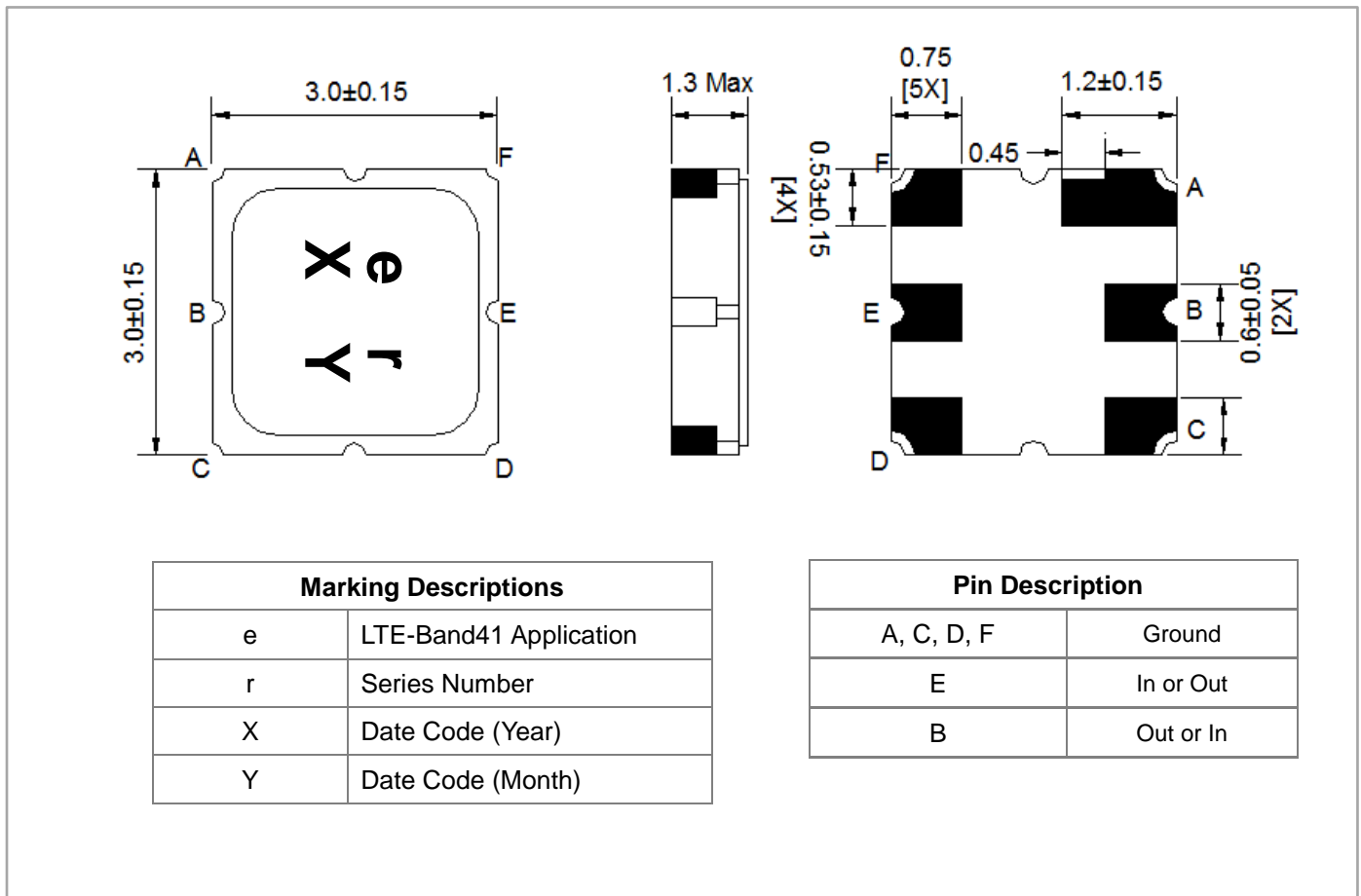
Electrical Characteristics

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	-	-	15
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

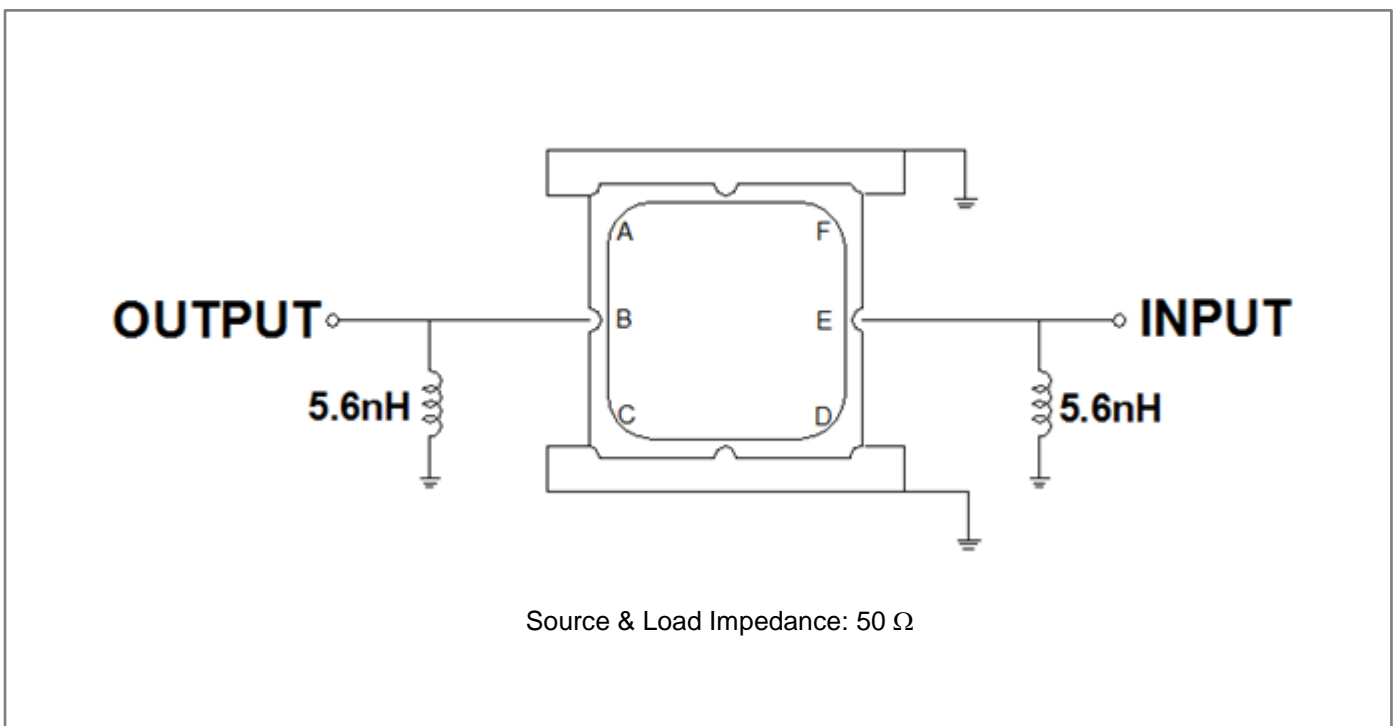
ELECTRICAL SPECIFICATION				
PARAMETERS DESCRIPTION	UNIT	MINIMUM	TYPICAL	MAXIMUM
Center Frequency (Fo)	MHz	-	2605.0	-
Insertion Loss within 2555.0 ~ 2655.0 MHz	dB	-	3.5	4.5
Amplitude Ripple within 2555.0 ~ 2655.0 MHz	dB _{p-p}	-	2.0	3.0
Return Loss within 2555.0 ~ 2655.0 MHz	dB	9	13	-
Attenuation:				
D.C. ~ 2400.0 MHz	dB	27	31	-
2400.0 ~ 2485.0 MHz	dB	27	31	-
2485.0 ~ 2535.0 MHz	dB	5	10	-
2675.0 ~ 2700.0 MHz	dB	5	10	-
2700.0 ~ 3800.0 MHz	dB	30	35	-
3800.0 ~ 5270.0 MHz	dB	15	22	-

Notes: (1) With Matching Network.

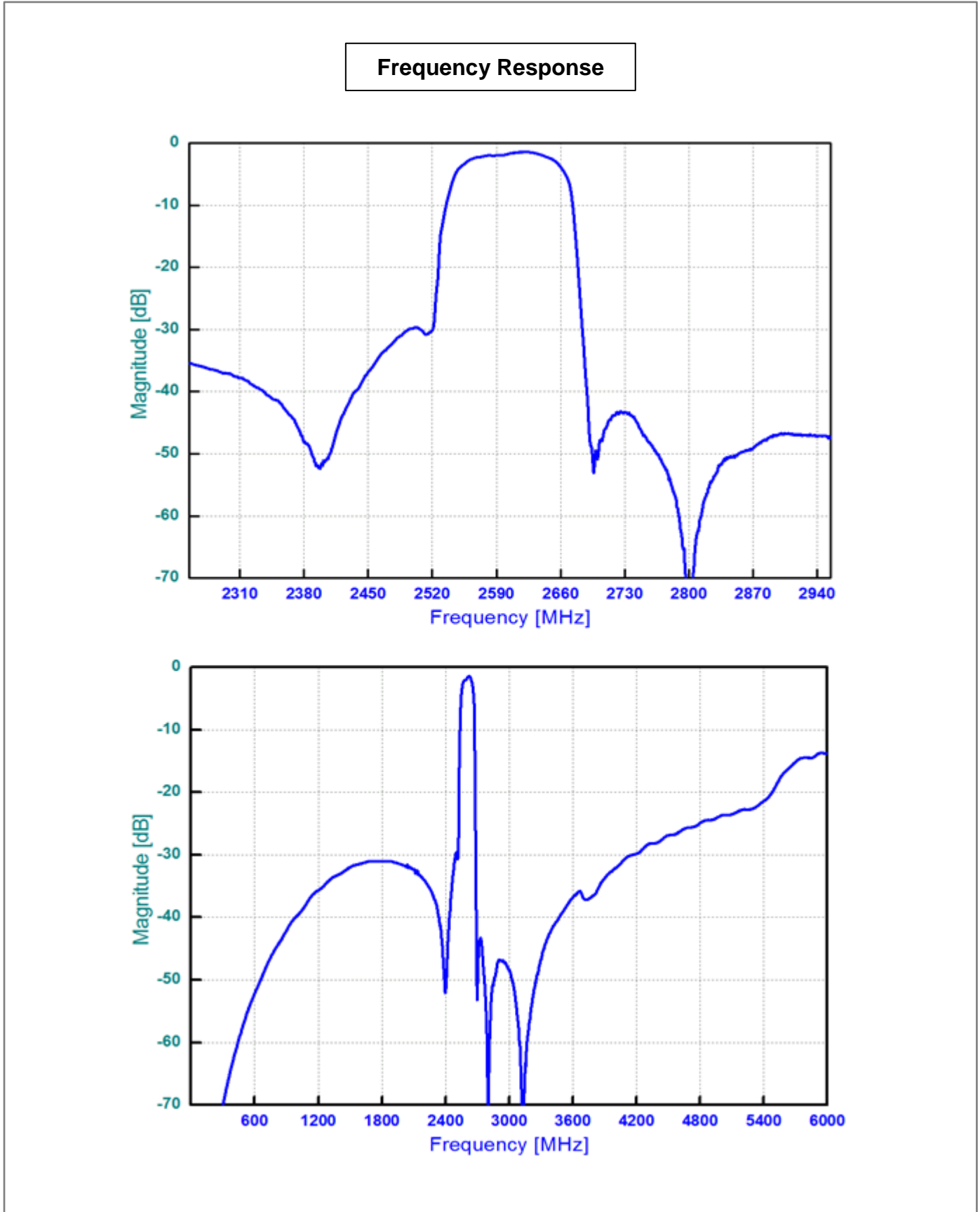
Package Dimensions



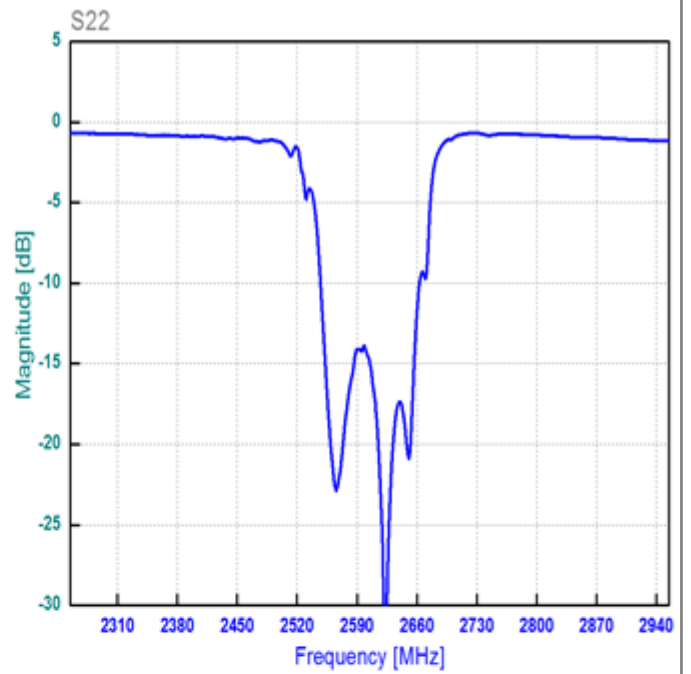
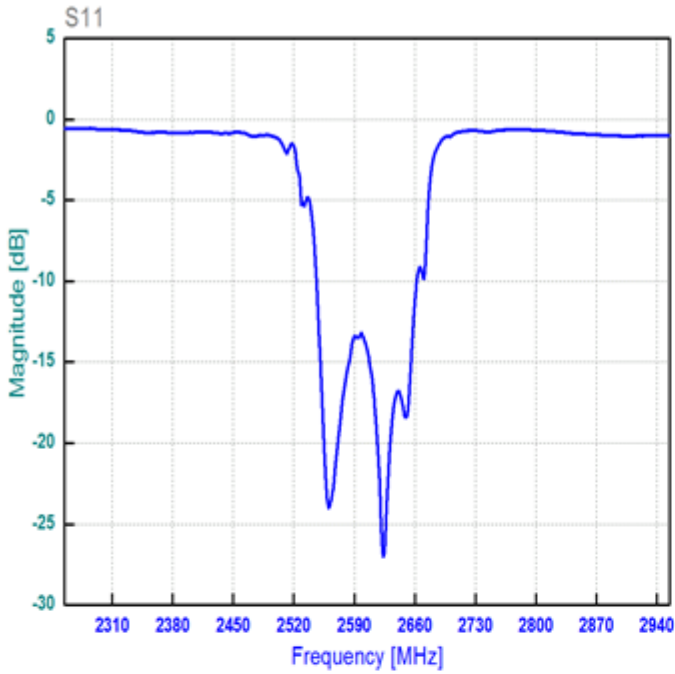
Testing Environment



Frequency Characteristics



Return Loss



Smith Chart

