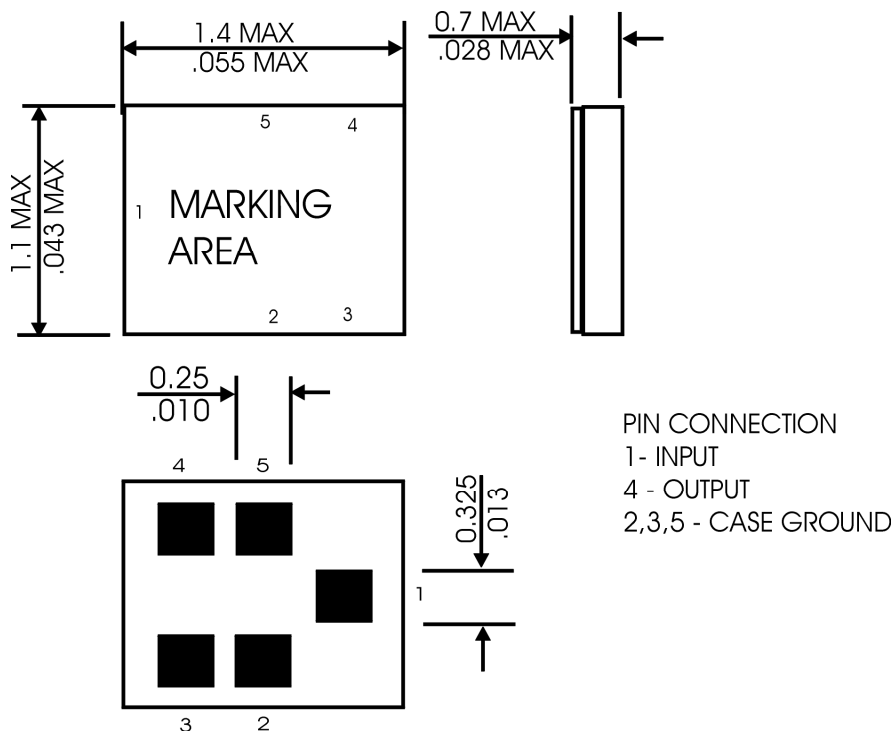


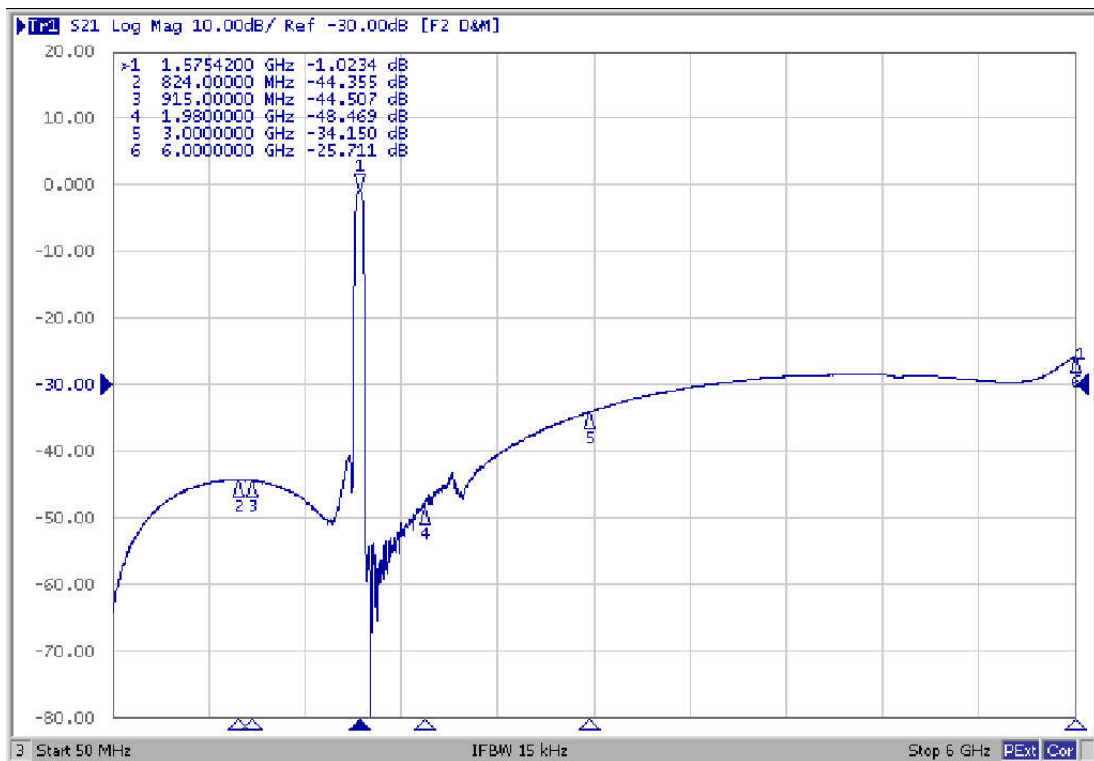
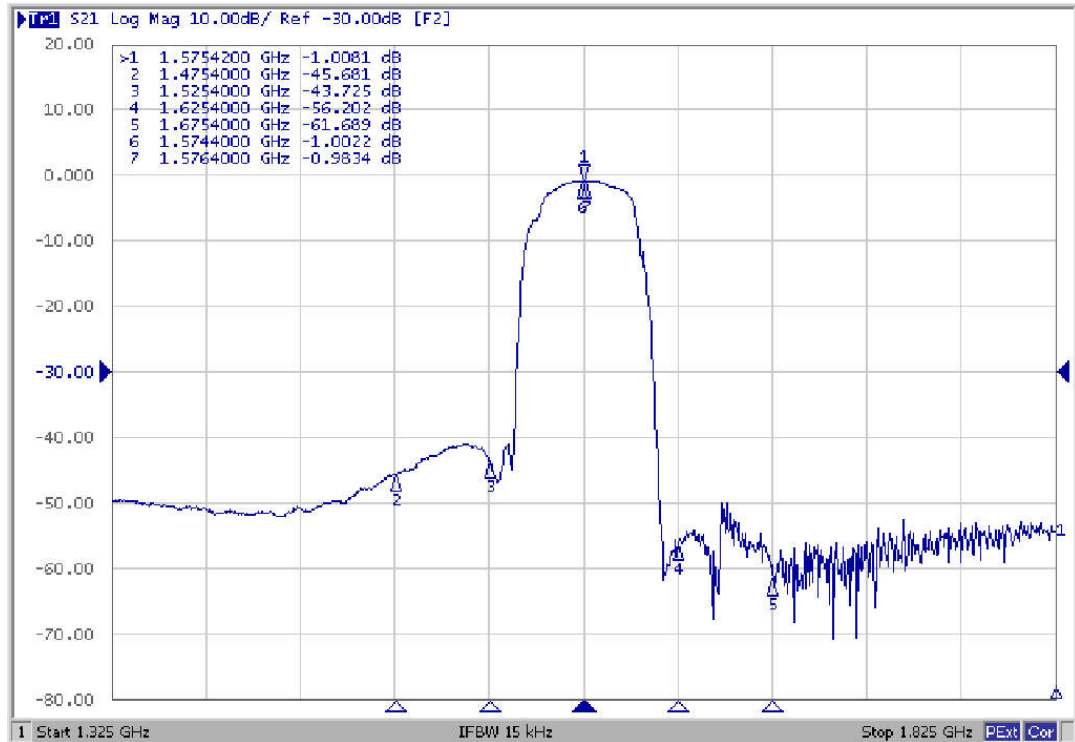
Items	Specification	Unit
Center frequency (Fc)	1575.420	MHz
3 dB Bandwidth	2000	kHz
Insertion Loss in BW, typ/max	0.9 / 1.3	dB
Amplitude Ripple in BW, typ/max	0.1 / 0.5	dB
VSWR in BW, typ/max	1.1 / 1.7	-
Attenuation, min/typ	DC ~ 1476.0 MHz	-40 / -44
	1476.0 ~ 1526.0 MHz	-37 / -42
	1625.0 ~ 1676.0 MHz	-41 / -48
	1710.0 ~ 1785.0 MHz	-48 / -56
	1850.0 ~ 1910.0 MHz	-44 / -52
	1910.0 ~ 1980.0 MHz	-43 / -50
	1980.0 ~ 2500.0 MHz	-35 / -42
	2500.0 ~ 3000.0 MHz	-30 / -37
3000.0 ~ 6000.0 MHz	-10 / -27	
DC Voltage	30	V
Input Power, max	+10	dBm
Operating Temperature Range	-30 to +85	°C
Storage Temperature Range	-40 to +85	°C
Source Impedance (single ended)	50	$\Omega$
Load Impedance (single ended)	50	$\Omega$

**Dimensions**



**Frequency Characteristics**

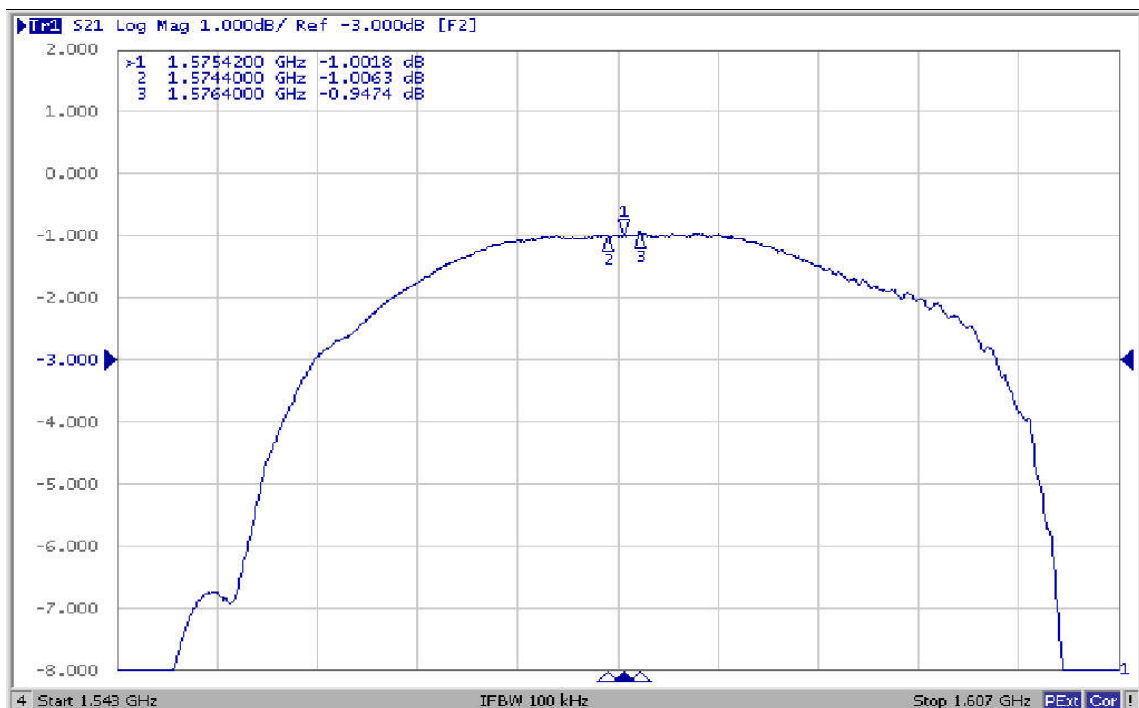
**Frequency Response**



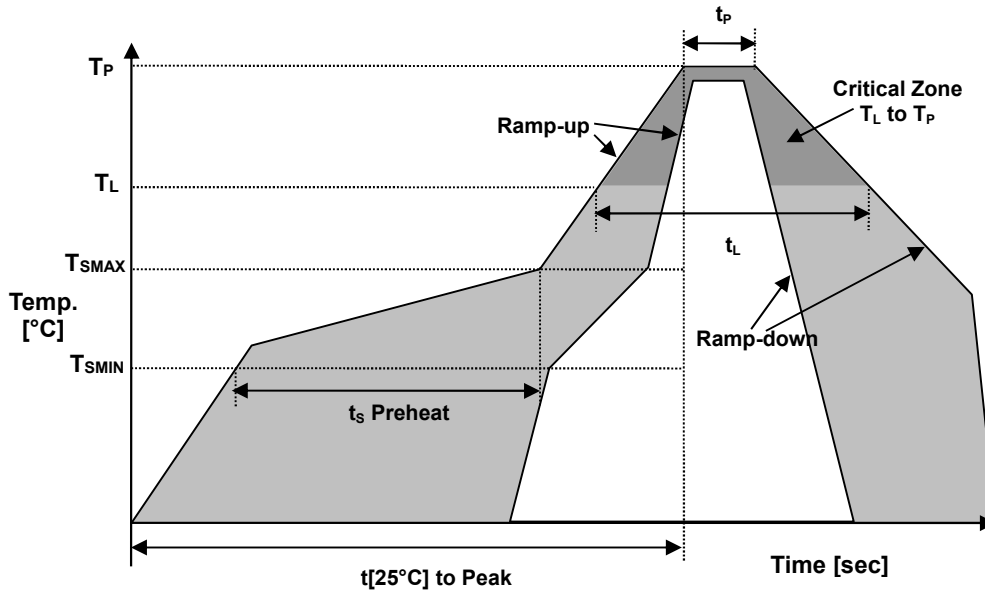
**VSWR**



**Ripple**



● **REFLOW PROFILE**



Reflow profile		
Temperature Min Preheat	$T_{SMIN}$	150°C
Temperature Max Preheat	$T_{SMAX}$	200°C
Time ( $T_{SMIN}$ to $T_{SMAX}$ )	$t_s$	60-180 sec.
Temperature	$T_L$	217°C
Peak Temperature	$T_P$	260°C
Ramp-up rate	$R_{UP}$	3°C/sec max.
Ramp-down rate	$R_{DOWN}$	6°C/sec max.
Time within 5°C of Peak Temperature	$t_p$	10 sec.
Time $t[25^\circ\text{C}]$ to Peak Temperature	$t[25^\circ\text{C}]$ to Peak	480 sec.
Time	$t_L$	60-150 sec.

**Environmental**

PARAMETER	VALUE
MOISTURE SENSITIVITY LEVEL	1
REACH – SVHC	Compliant
RoHS 2	6/6

April 2016