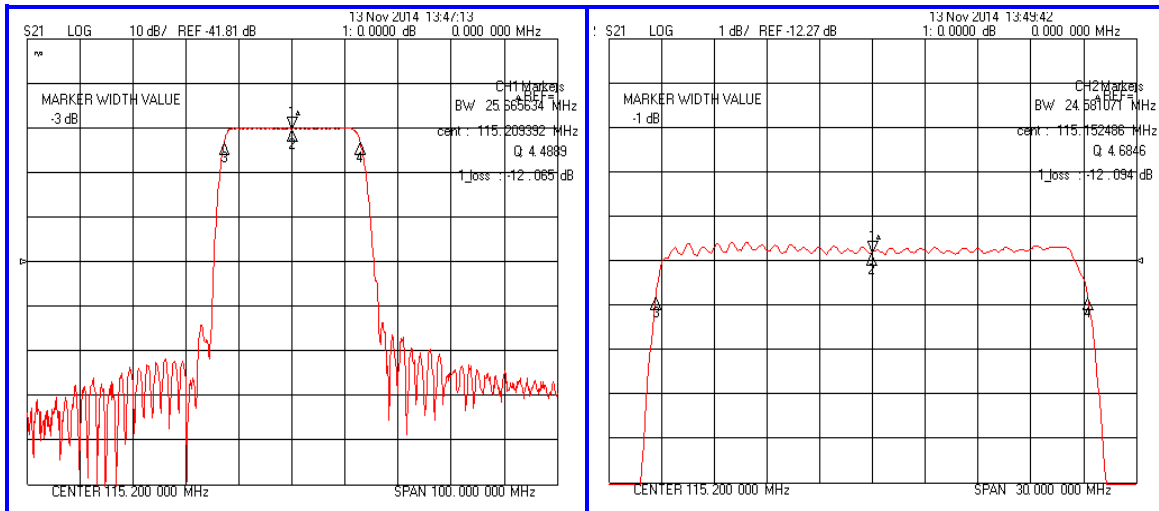


Typical Performance



Specification

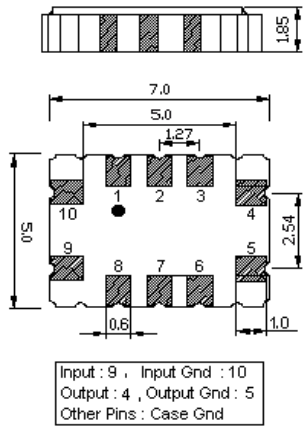
Operating Temperature : -10°C ~ +70°C

Parameter	Unit	Min.	Typ.	Max.
Center Frequency(at-1dB)	MHz	-	115.00	-
Insertion Loss	dB	-	12.00	14.50
1dB Bandwidth	MHz	24.00	24.58	-
3dB Bandwidth	MHz	-	25.60	-
40dB Bandwidth	MHz	-	31.90	32.50
Passband Ripple (±10MHz)	dB	-	0.30	1.00
Group Delay Variation (±10MHz)	nsec	-	30	60
Absolute Delay	µsec	-	0.61	-
Relative Attenuation ±23MHz Point	dB	40	50	-
Substrate Material	-	YZ-LiNbO ₃		
Temperature Coefficient	ppm/°C	-86		

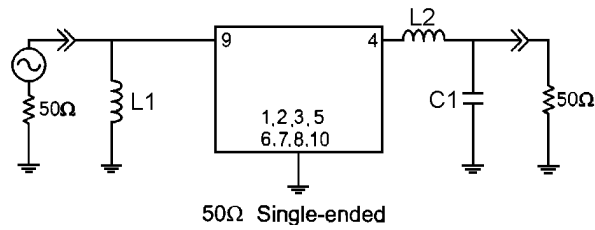
Room Temperature : +25°C

Parameter	Unit	Min.	Typ.	Max.
Center Frequency(at-1dB)	MHz	-	115.00	-
Insertion Loss	dB	-	12.00	14.00
Passband Ripple (±10MHz)	dB	-	0.30	1.00
Group Delay Variation (±10MHz)	nsec	-	30	60

Package Dimension

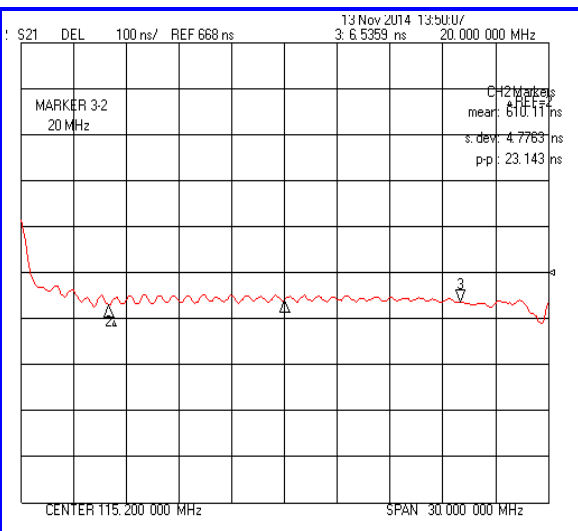
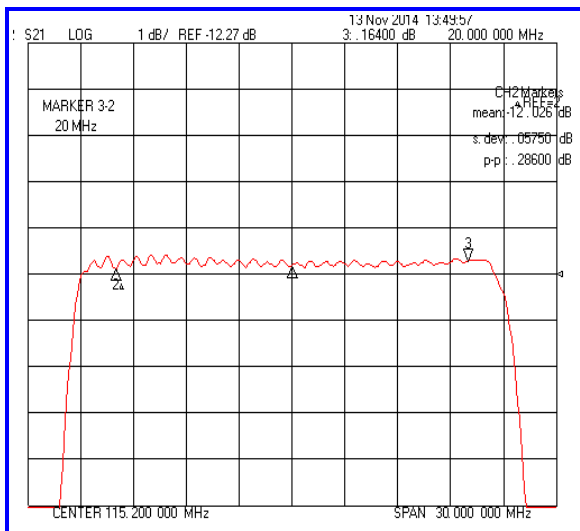
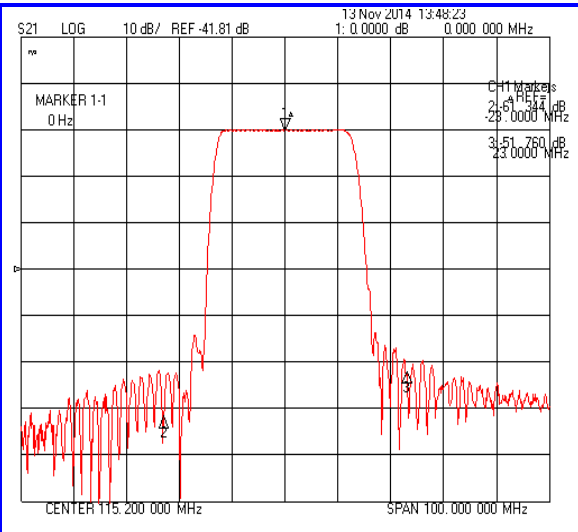
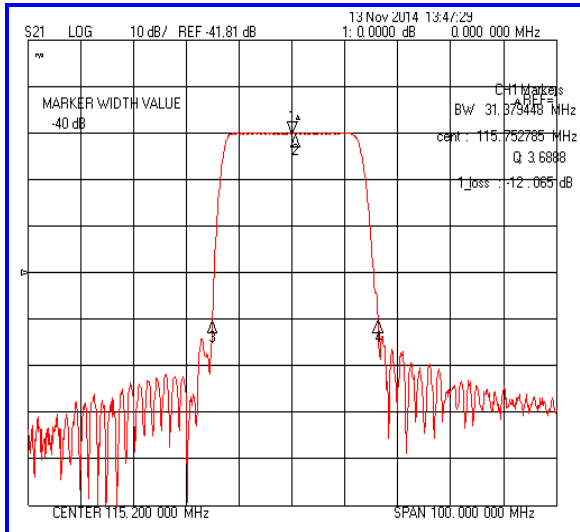


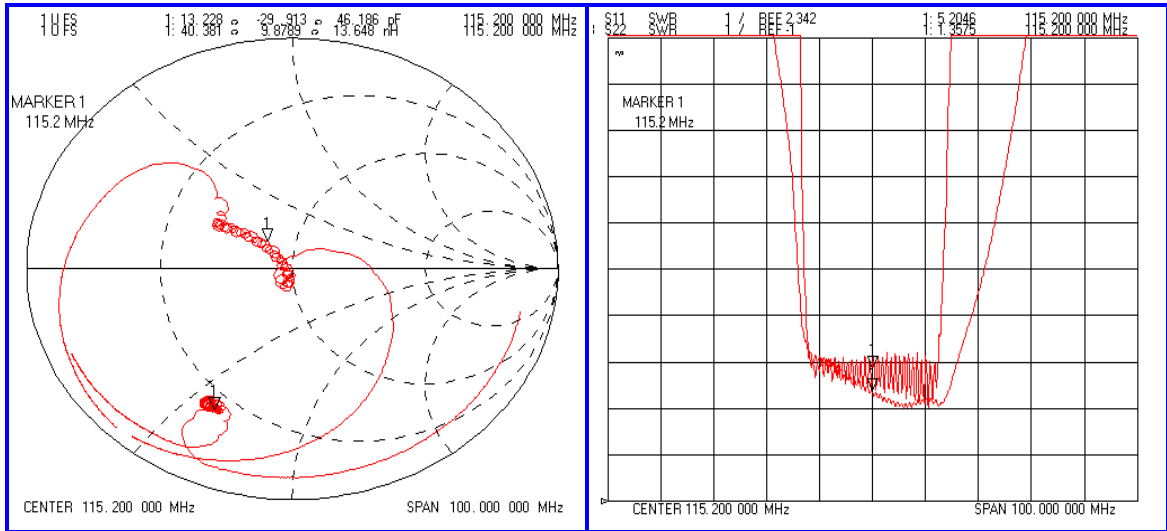
Matching Configuration



L1=150nH, L2=82nH, C1=43pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

Rev0. 141113





www.ctech.co.kr