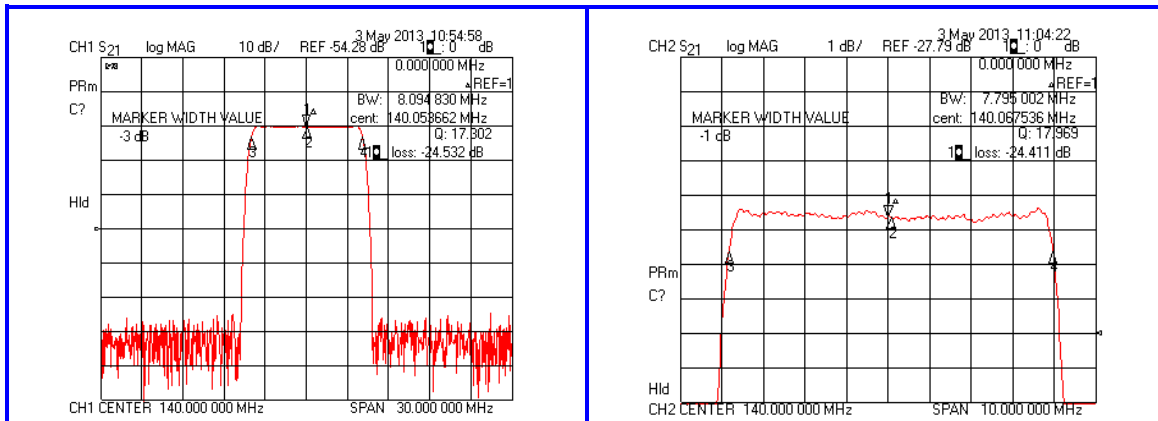


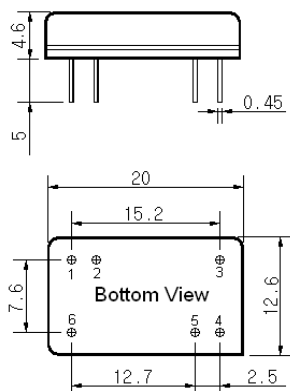
Typical Performance



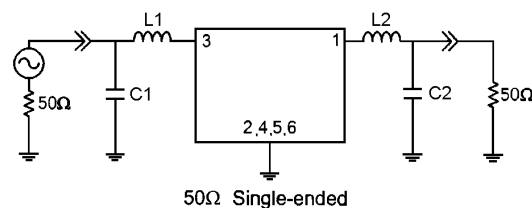
Specification

Parameter	Unit	Min.	Typ.	Max.
Center Frequency	MHz	139.90	140.00	140.100
Insertion Loss	dB	-	24.53	26.50
1dB Bandwidth	MHz	7.66	7.79	-
3dB Bandwidth	MHz	7.80	8.09	-
20dB Bandwidth	MHz	-	8.97	9.20
40dB Bandwidth	MHz	-	9.39	9.50
50dB Bandwidth	MHz	-	9.52	9.70
Attenuation	MHz	50	55	-
Amplitude Ripple	dB	-	0.41	1.20
Return Loss 1dB Bandwidth	dB	5	10	-
Absolute Delay	µsec	-	2.80	-
Power Handling	dBm	-	-	10
Substrate Material / T.C.F	ppm/°C	112-LiTaO ₃ / -20		
Package	mm	20 X 12 (DIP)		

Package Dimension

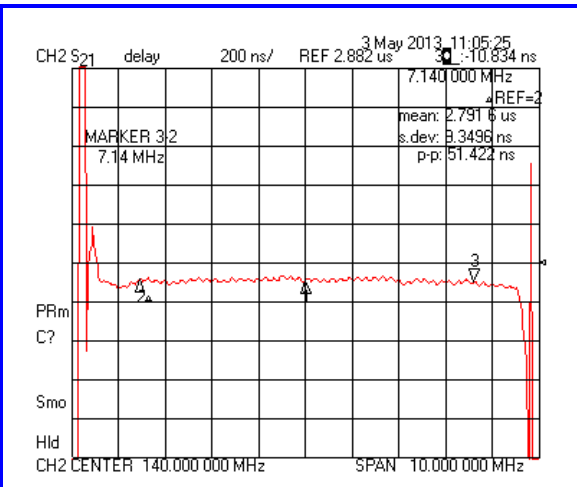
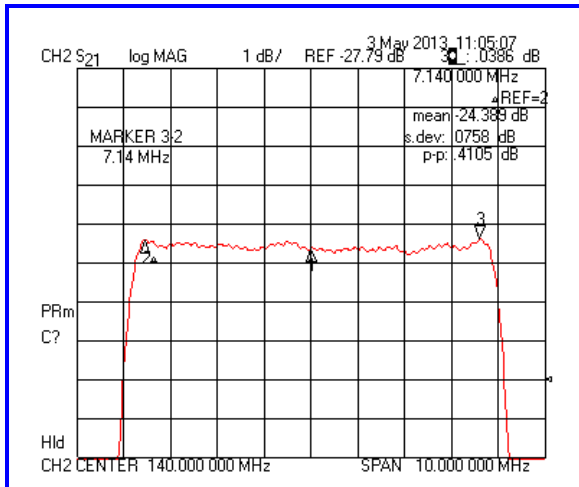
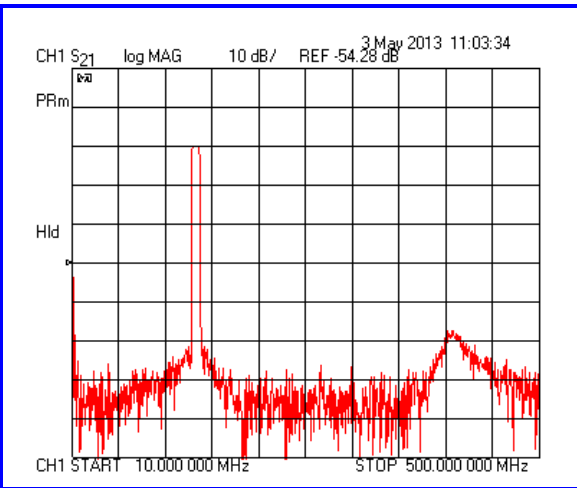
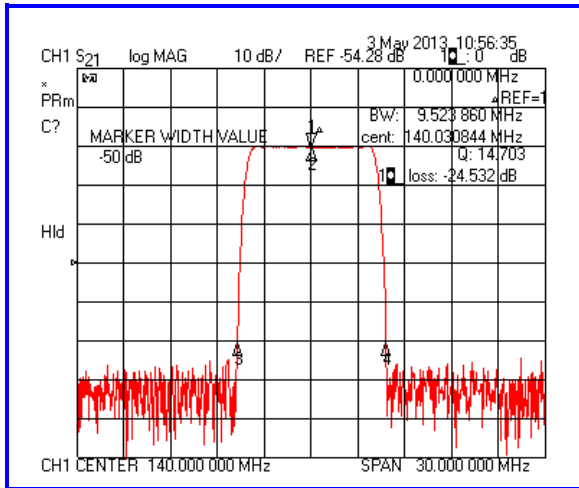
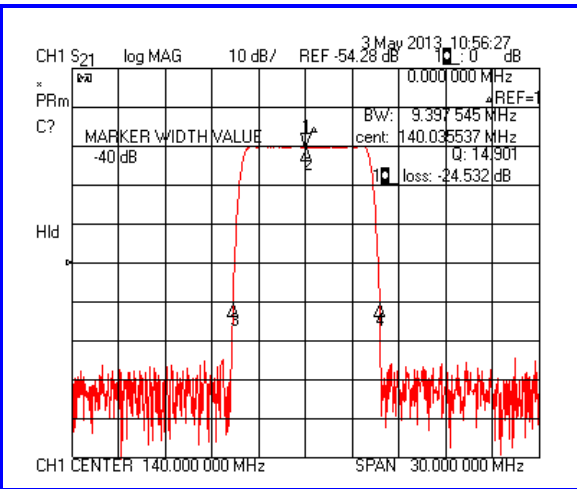
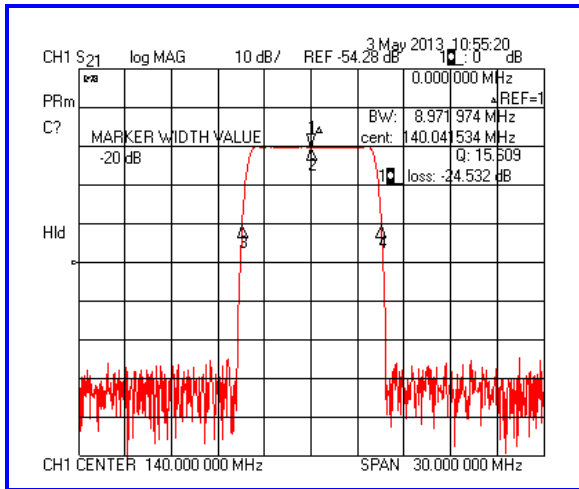


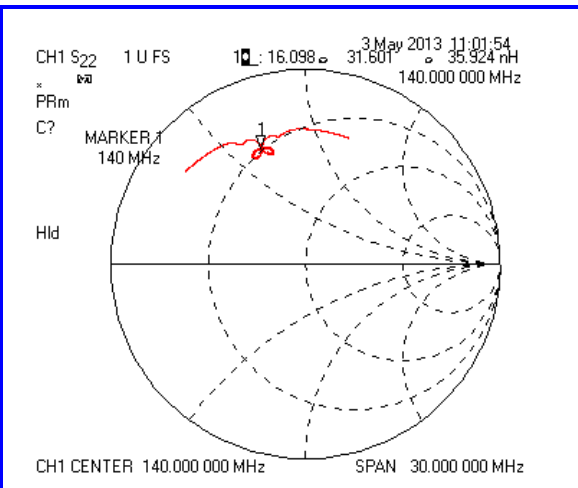
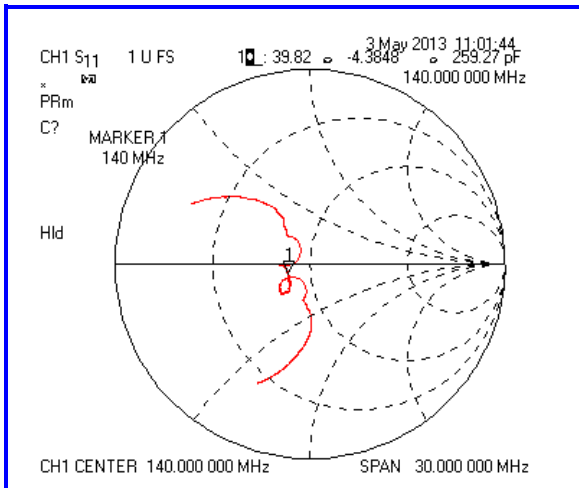
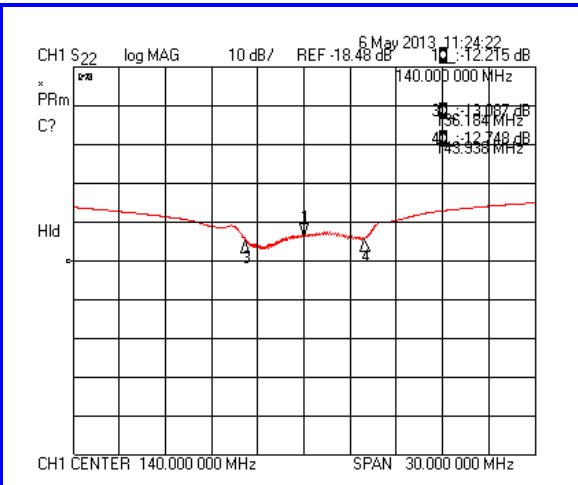
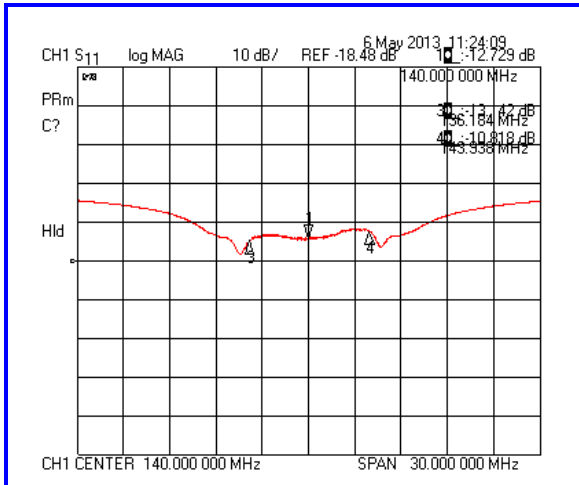
Matching Configuration



L1=39nH, L2=47nH, C1=68pF, C2=18pF
 Source / Load Impedance = 50Ω
 Ambient Temperature = 25°C

Rev.0 130503





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