

# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFL69497B-562.5M
Approval No. /dated	20503002APR	Acceptable Specify Fo. Range	556~595MHz
Work Instruction No.	20503002DB	Date	Mar.07.2005

<p>(1)Pin Position</p> <p style="text-align: center;">Bottom View</p>	<p>(2)Size Diagram</p>
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(3)Electric Character

Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	562.5 MHz	562.5 MHz	
Tunable Range	562.5±3 MHz	562.5±3 MHz	
Insertion Loss	Typ. 2.0 dB	0.87 dB	
-3 dB Bandwidth	Typ. 75 MHz	78 MHz	
Sensitivity (Attenuation)	Fo - 60 MHz	Typ. 23 dBc	26 dBc
	Fo + 60 MHz	Typ. 13 dBc	16 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	17.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 75 Ω	In / Out : 75 Ω	

(4)Torque for Tuning Screw > 100gf • cm

(5)Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

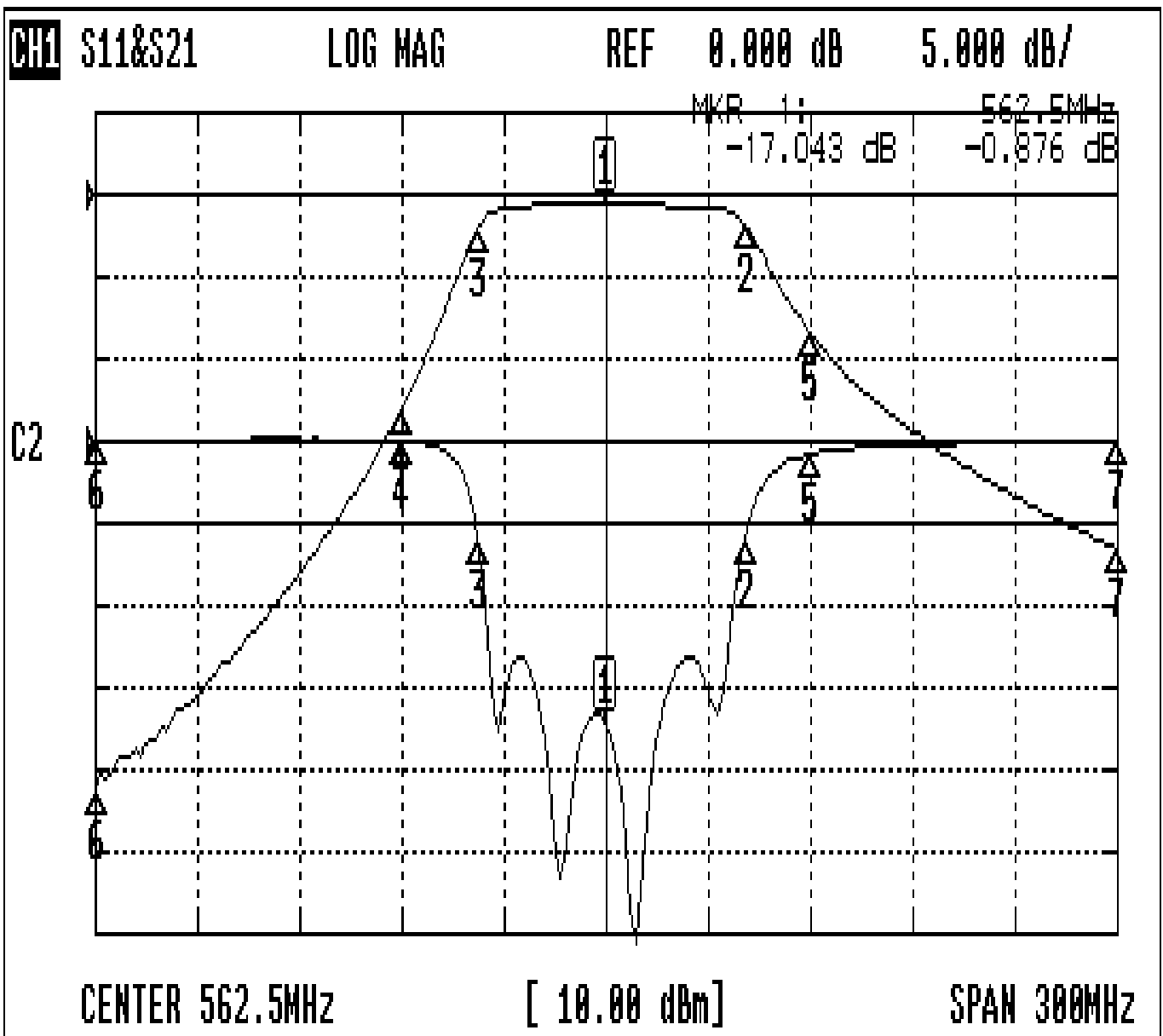
(6)Input Power > 1Watt

Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.S.Chang	C.S.Chang	7H4S(4*7.5) 7H046LB5

TEMWELL CORPORATION

# Performance- TFL69497B-562.5M

## 20503002DB



### CH1 MARKER LIST

1:	562.500MHz	-17.043 dB	-0.876 dB
2:	603.500MHz	-5.816 dB	-3.882 dB
3:	525.250MHz	-6.300 dB	-3.873 dB
4:	502.500MHz	0.028 dB	-26.099 dB
5:	622.500MHz	-0.766 dB	-16.703 dB
6:	412.500MHz	0.090 dB	-72.526 dB
7:	712.500MHz	0.029 dB	-42.979 dB