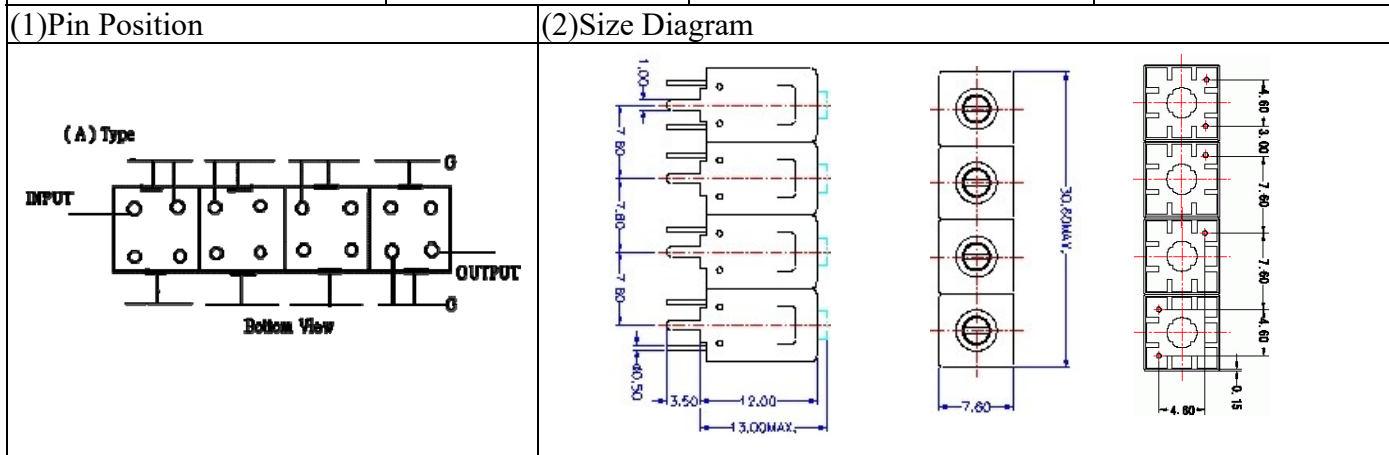


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69103A-575M
Approval No. /dated	201703059CD	Temwell's Print Name	69103A 546M
Work Instruction No.	201703059CD	Date	Jun.09.2017



### (3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	575 MHz	575 MHz	
Insertion Loss	Typ. 4.0 dB	2.97 dB	
-3 dB Bandwidth	Typ. 10 MHz	19.6 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 76 dBc	86 dBc
	Fo + 50 MHz	Typ. 42 dBc	47 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	18.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4)Torque for Tuning Screw > 60gf • cm

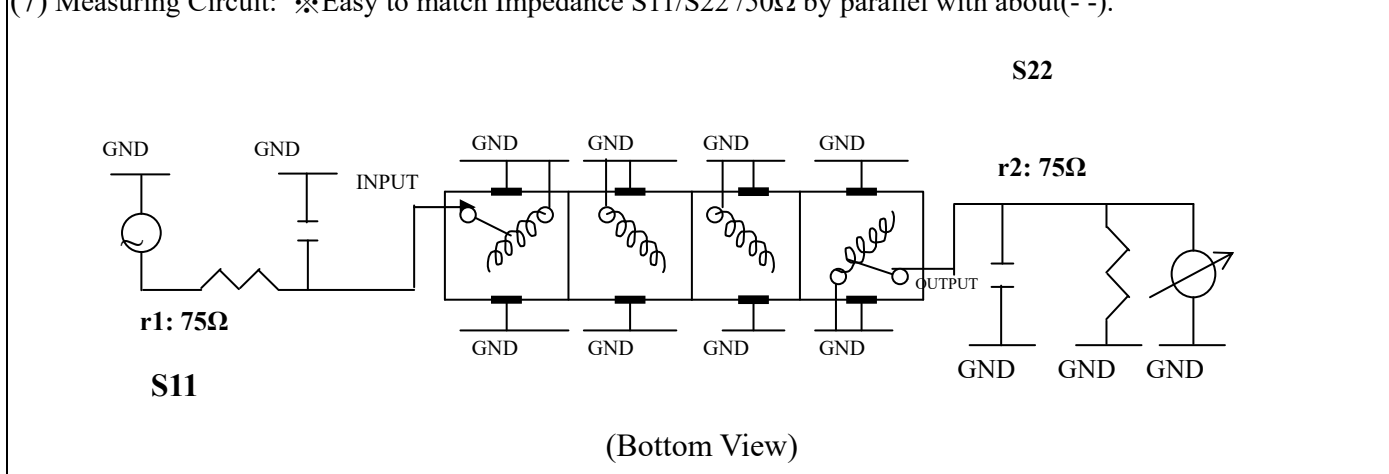
(5)Temperature Condition:

Operating Temperature 0°C ~ +60°C

Storage Temperature -20°C ~ +70°C

(6)Input Power > 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 /50Ω by parallel with about(- -).



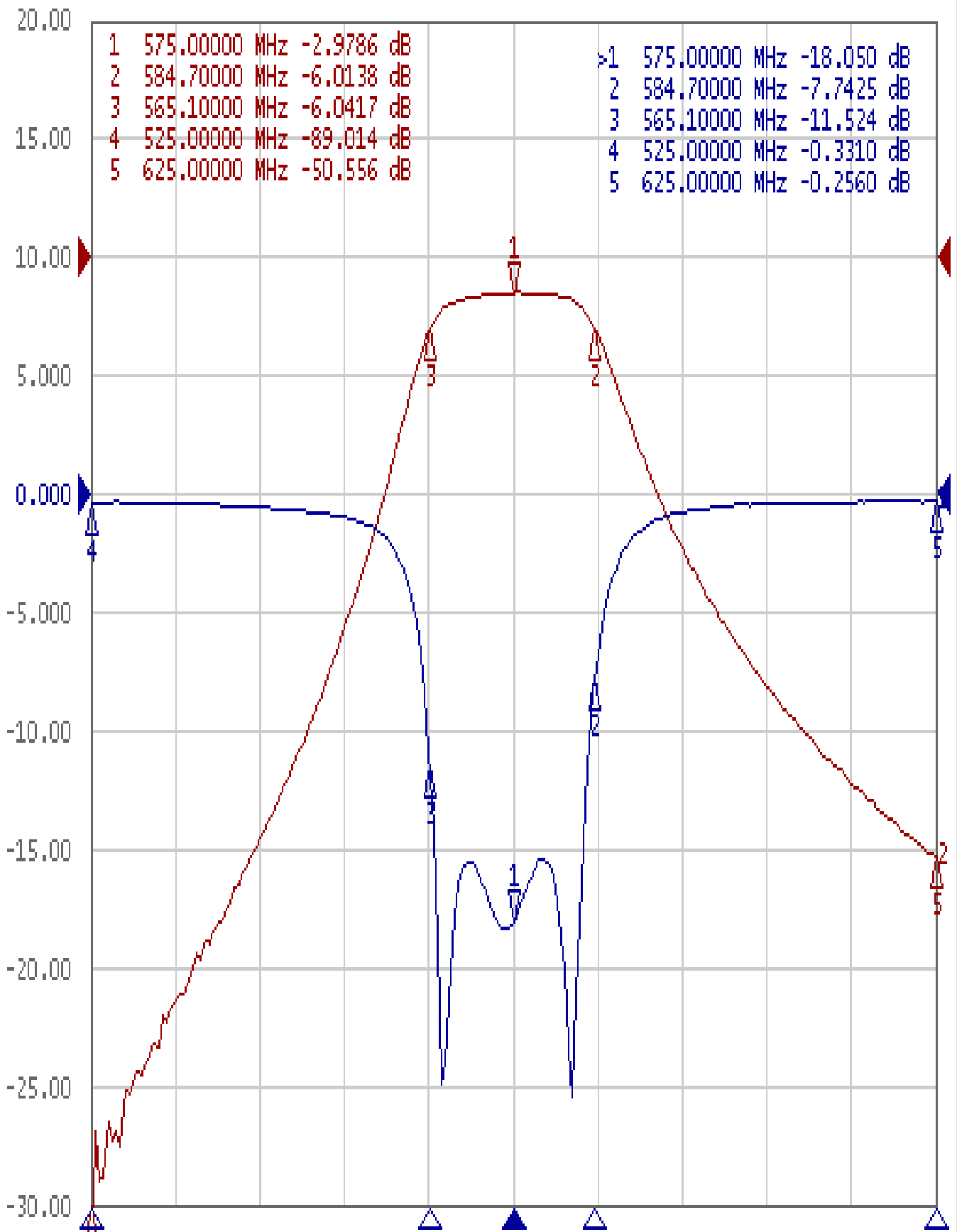
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	7H4S(4*5.5)(5.56) 7H046LB4.3 聚 3

TEMWELL CORPORATION

# Performance-TF69103A-575M

## 201703059CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 575 MHz

IFBW 70 kHz

Span 100 MHz Cor !