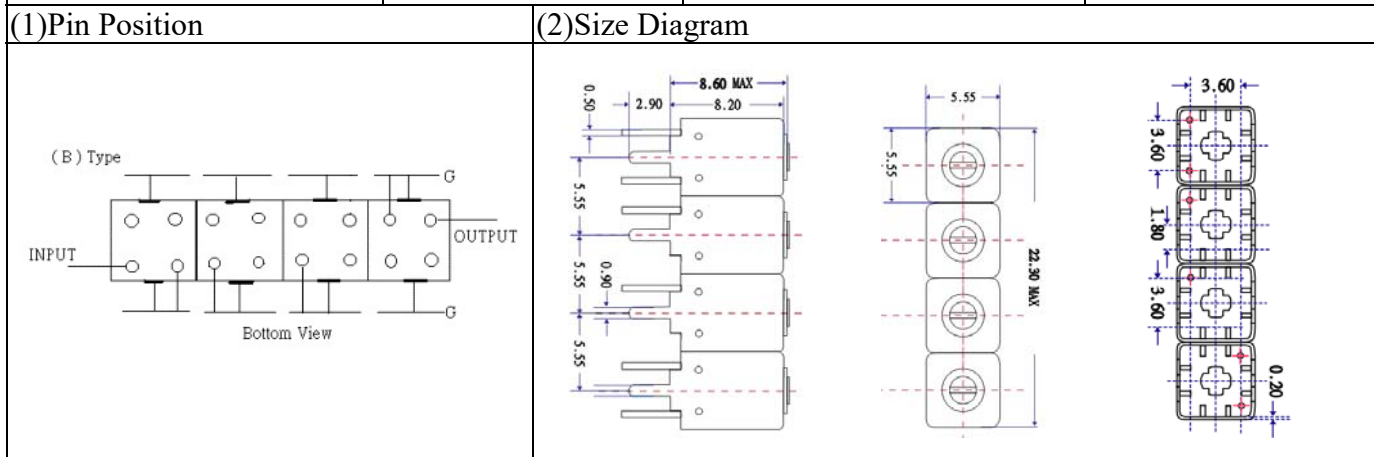


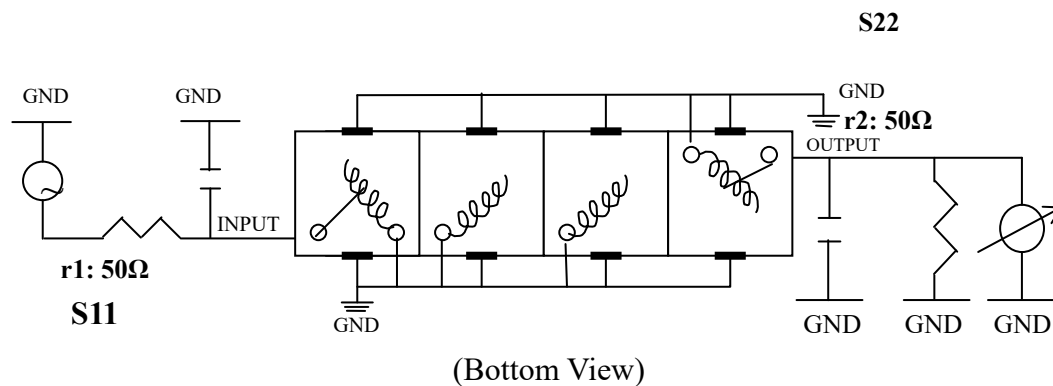
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41102B-1765M
Approval No. /dated	201905071CD	Temwell's Print name	41102B 1765M
Work Instruction No.	201905071CD	Date	Jul.16.2019



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	1765 MHz	1765 MHz	
Insertion Loss	Typ. 7.0 dB	5.33 dB	
-3 dB Bandwidth	Typ. 30 MHz	35.7 MHz	
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 59 dBc	72 dBc
	Fo + 100 MHz	Typ. 47 dBc	50 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	19.1 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	> 0.5Watt		

(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	C.S.Chang	5W4S(3.8*4.0)(4.02) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

TEMWELL

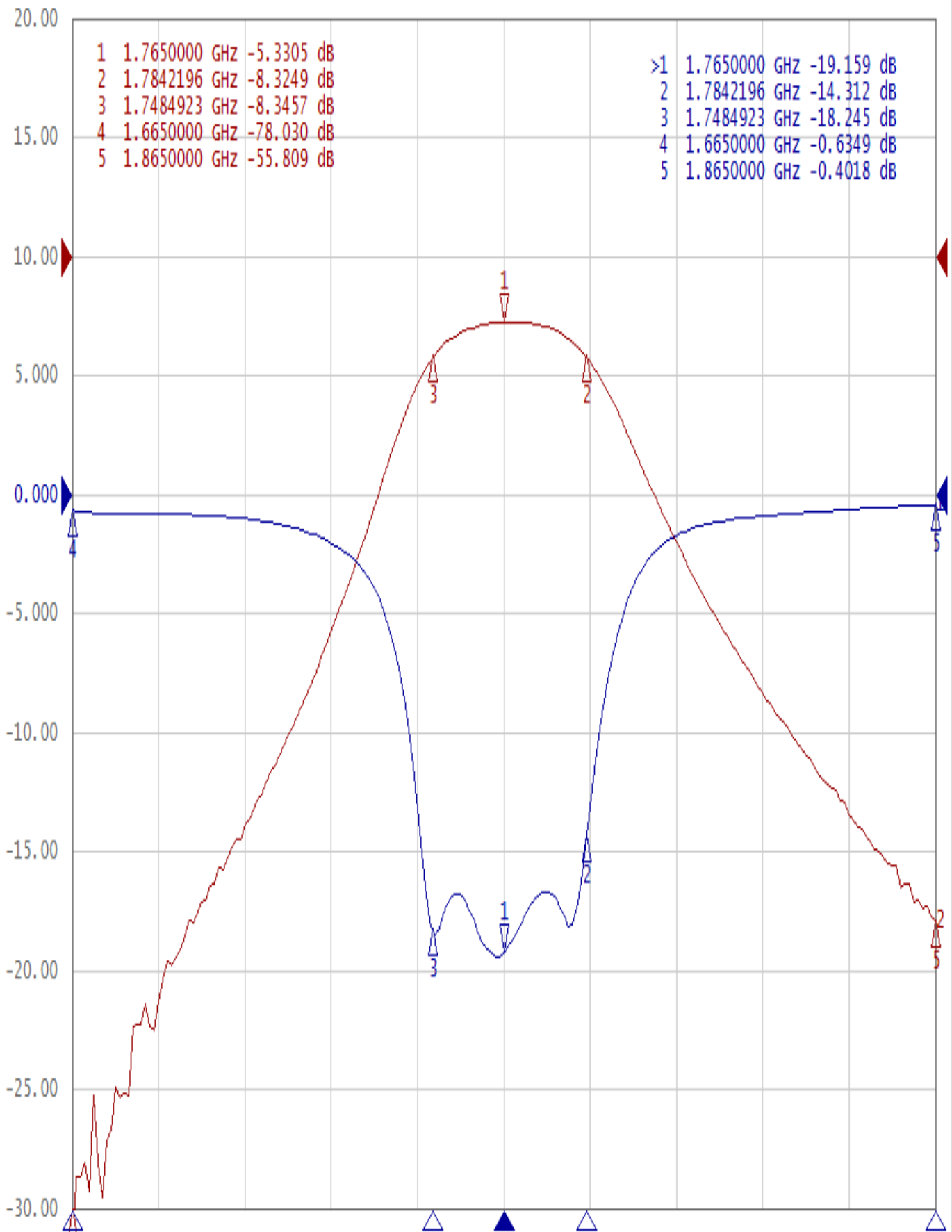
Form10-5H4B Vision D

RP ( C.S.Chang)

# Performance-TFW41102B-1765M

## 201905071CD

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



1 Center 1.765 GHz

IFBW 70 kHz

Span 200 MHz Cor