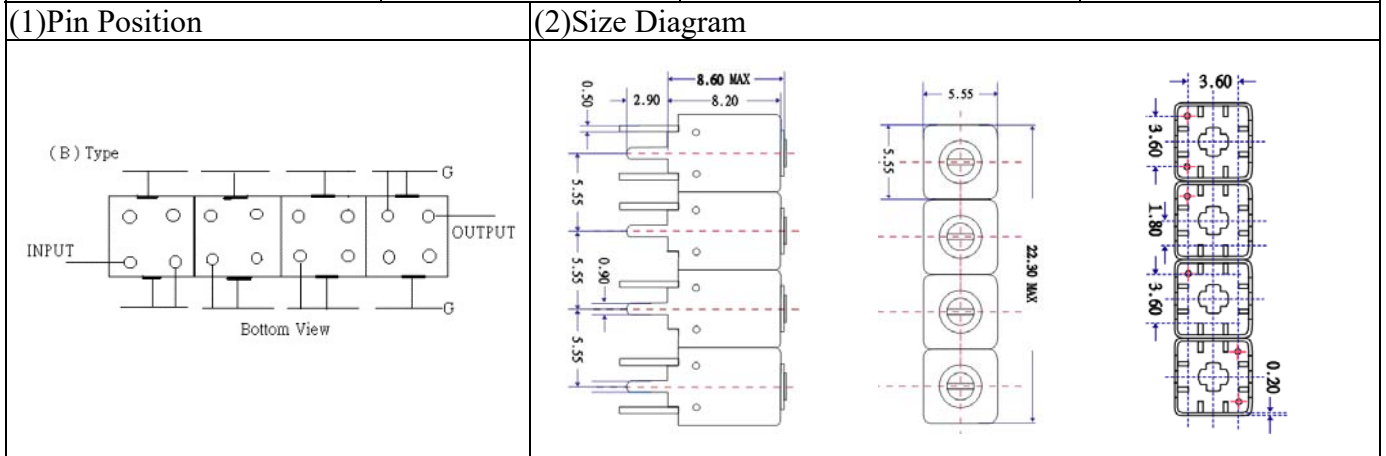


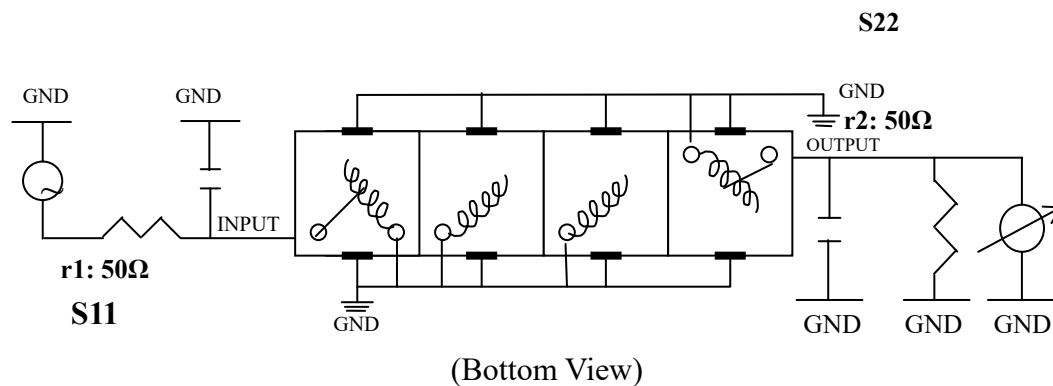
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41114B-1962.5M
Approval No. /dated	201905083CD	Temwell's Print name	41114B 1962.5M
Work Instruction No.	201905083CD	Date	Jul.24.2019



(3)Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo ) +/- 0.5 %		1962.5 MHz		1962.5 MHz	
Insertion Loss		Typ. 4.5 dB		3.76 dB	
-3 dB Bandwidth		Typ. 65 MHz		69.0 MHz	
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 38 dBc		41 dBc	
	Fo + 100 MHz	Typ. 28 dBc		31 dBc	
	Fo - ( )MHz	Typ. dBc		dBc	
	Fo +( )MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		30.5 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(- -).

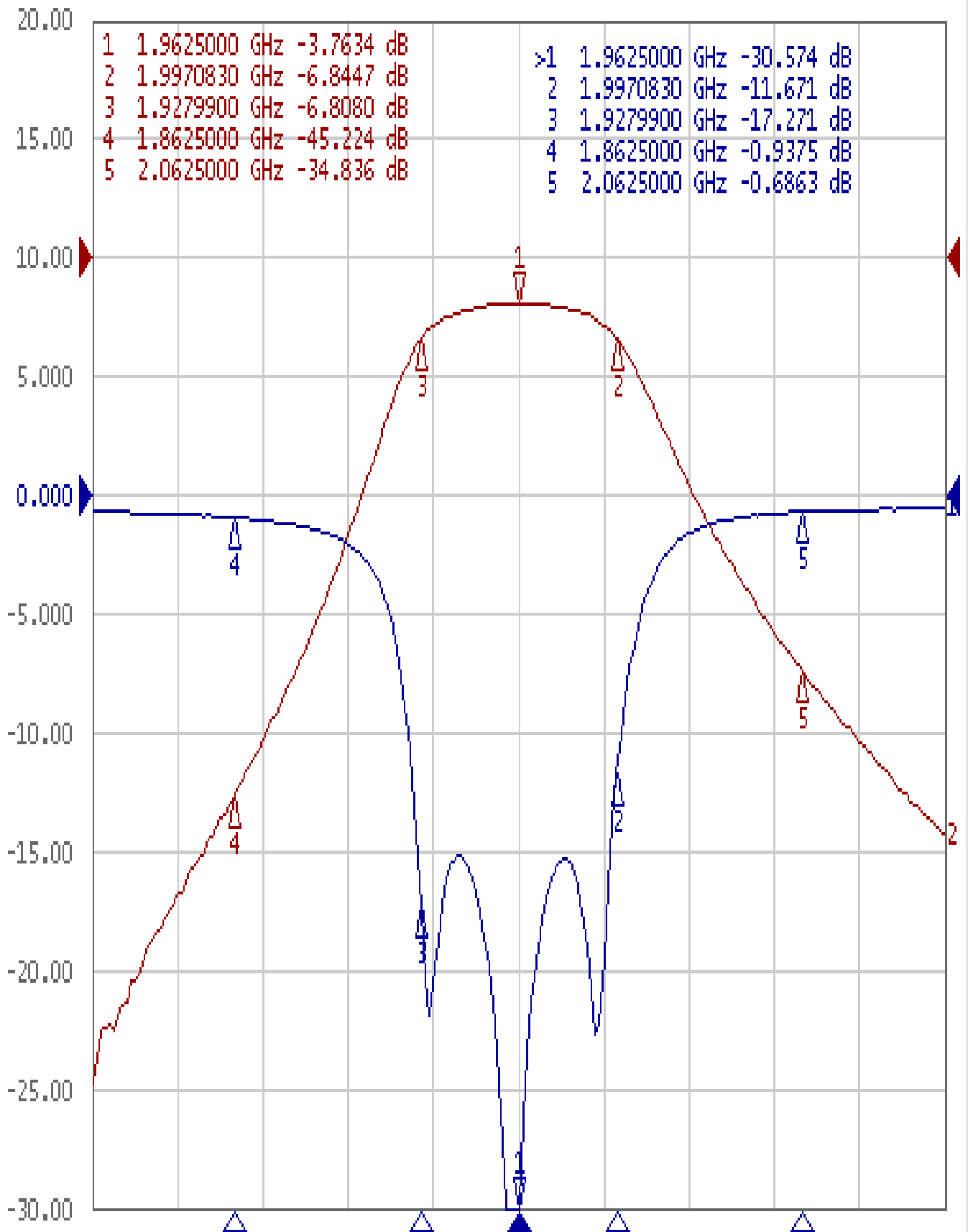


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	5W4S(3.8*4.5)(4.56) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

# Performance-TFW4114B-1962.5M

## 201905083CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 1.9625 GHz

IFBW 70 kHz

Span 300 MHz

Cor !