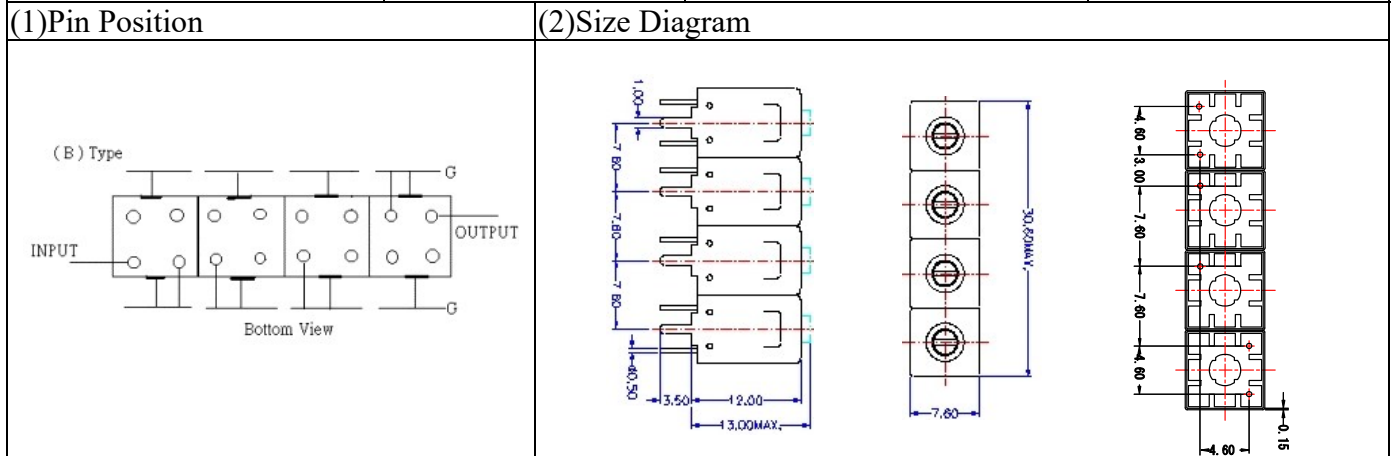


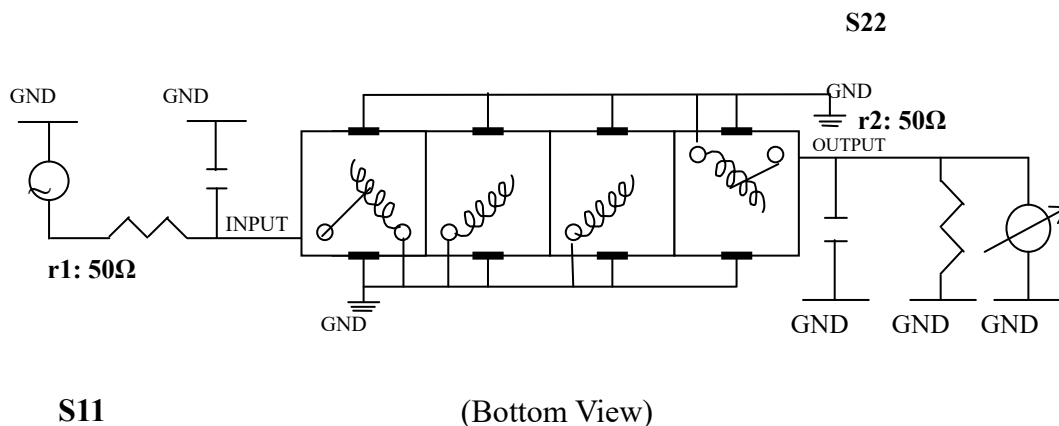
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF64939B-1474.5M
Approval No. /dated	201905041CD	Temwell's Print Name	64939B 1474.5M
Work Instruction No.	201905041CD	Date	Jun.11.2019



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1474.5 MHz	1474.5 MHz	
Insertion Loss	Typ. 3.0 dB	2.24 dB	
-3 dB Bandwidth	Typ. 85 MHz	89.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 31 dBc	36 dBc
	Fo + 100 MHz	Typ. 20 dBc	25 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.1 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	> 1Watt		

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



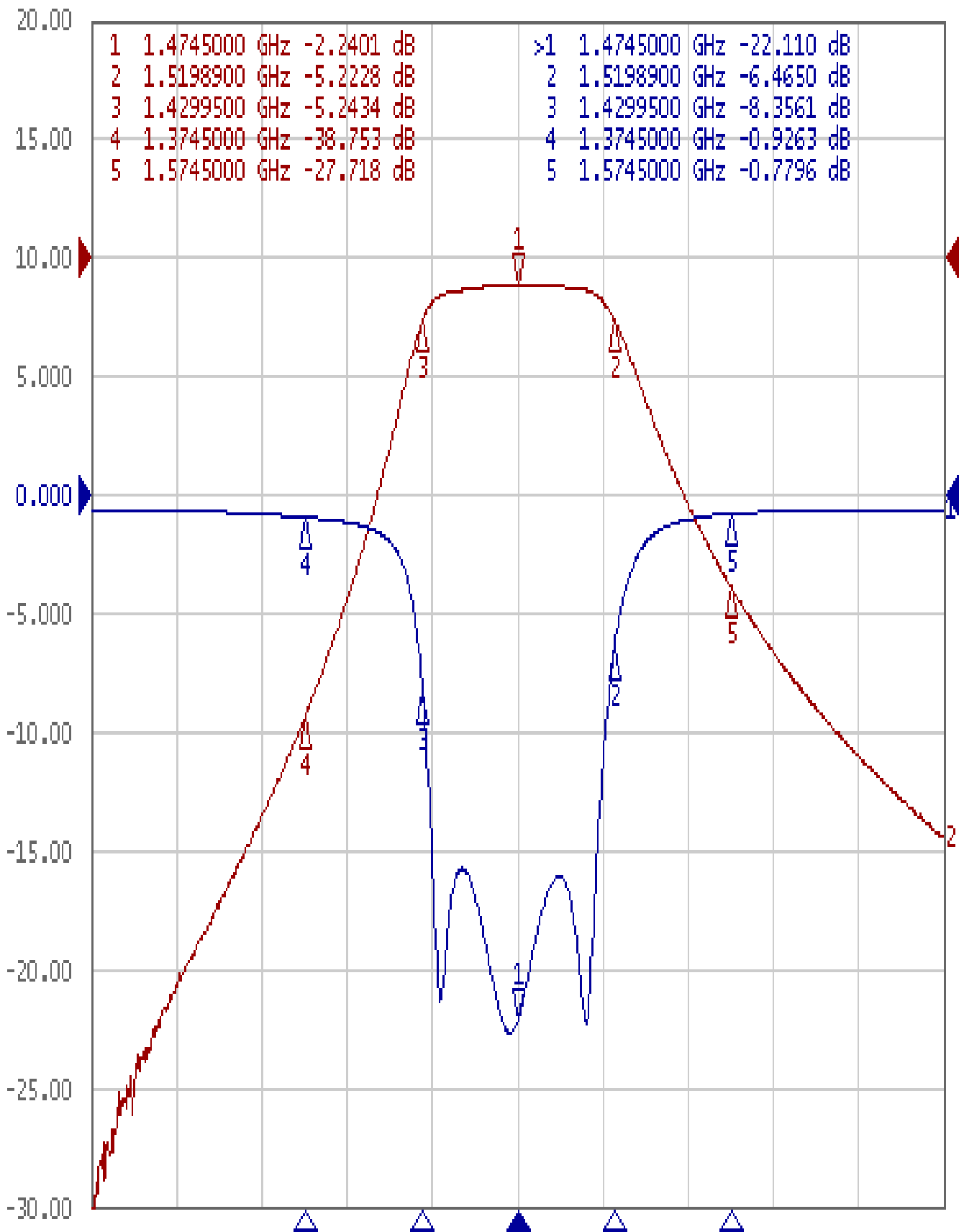
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	7H4S(4*6.5)(6.53) 7H046RB5.5

TEMWELL CORPORATION

Performance-TF64939B-1474.5M

201905041CD

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



1 Center 1.4745 GHz

IFBW 10 kHz

Span 400 MHz Cor !