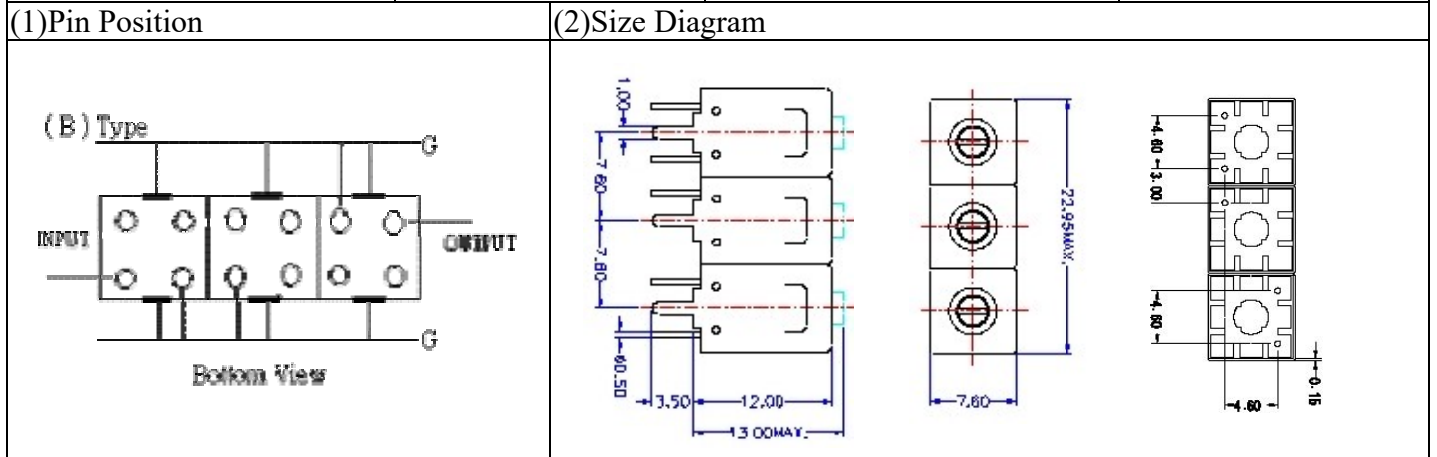


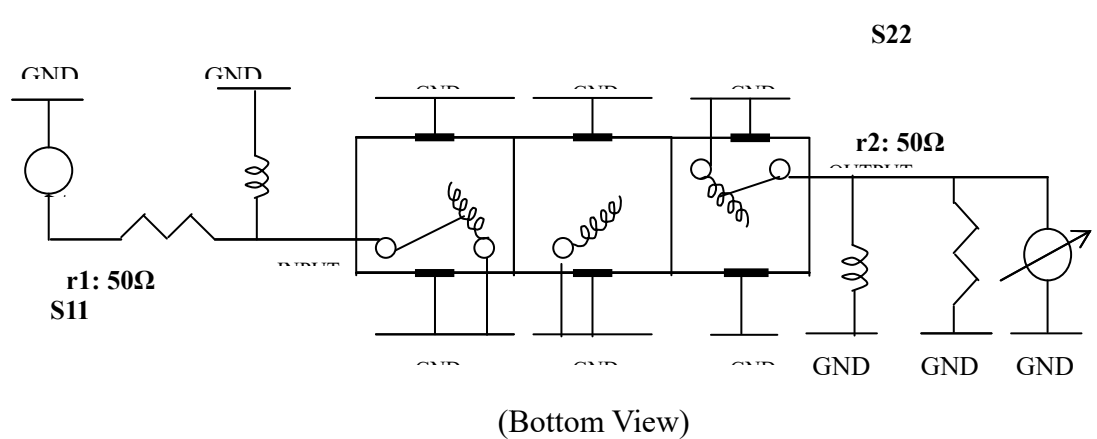
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT63814B-710M
Approval No. /dated	201810027CD	Temwell's Print name	63814B 710M
Work Instruction No.	201810027CD	Date	Nov.07.2018



Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		710 MHz	710 MHz
Insertion Loss		Typ. 2.0 dB	1.20 dB
-3 dB Bandwidth		Typ. 60 MHz	63.2 MHz
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 50 dBc	55 dBc
	Fo + 150 MHz	Typ. 29 dBc	34 dBc
		Typ. dBc	dBc
		Typ. dBc	dBc
Return Loss		Min. 12 dB	21.7 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(--) .



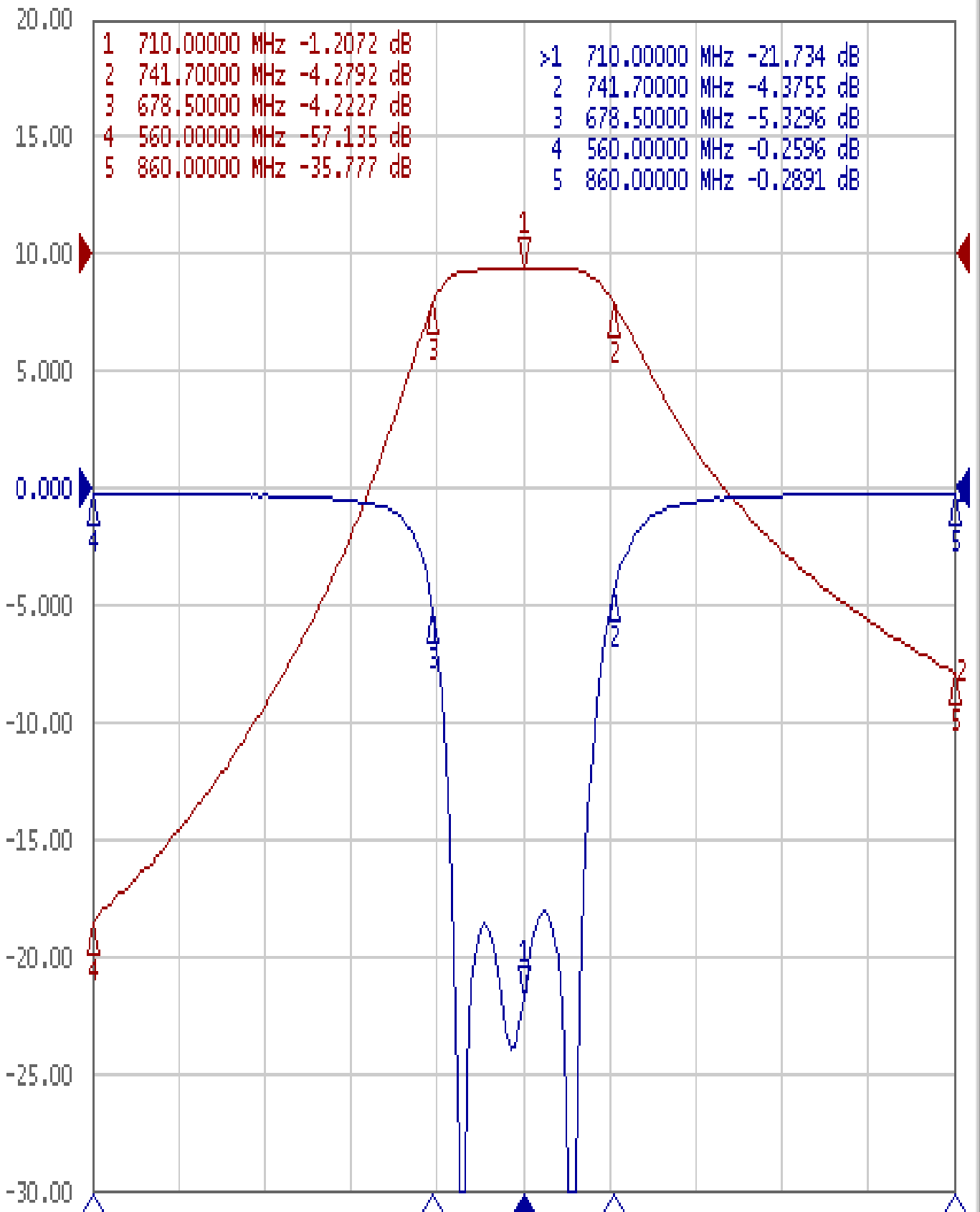
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	7H3S(4*6.5)(6.52) 7H046RB5.5

TEMWELL CORPORATION

Performance-TT63814B-710M

201810027CD

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



1 Center 710 MHz IFBW 70 kHz Span 300 MHz Cor !