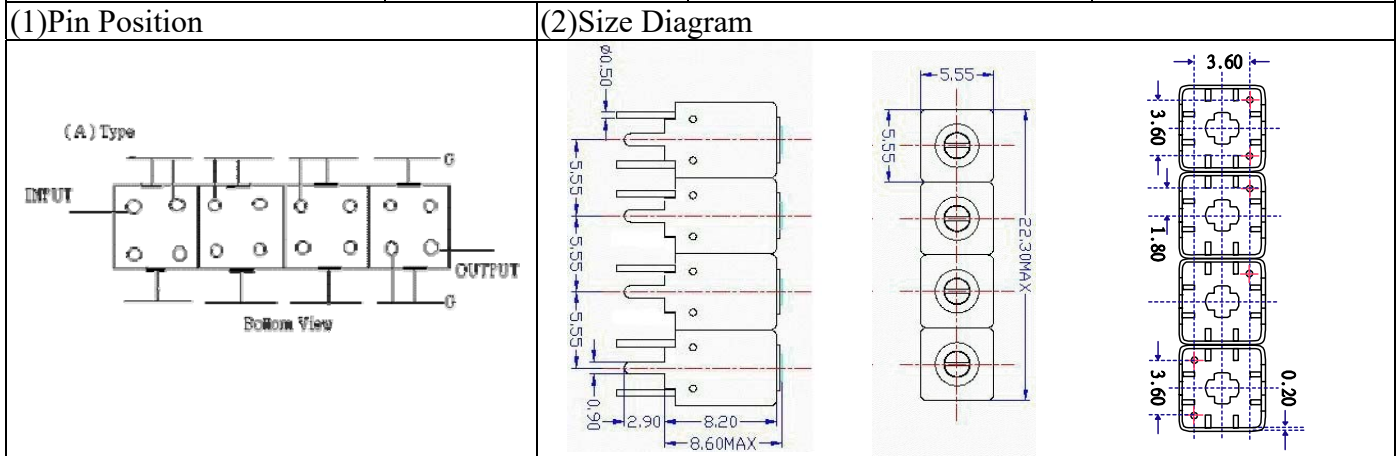
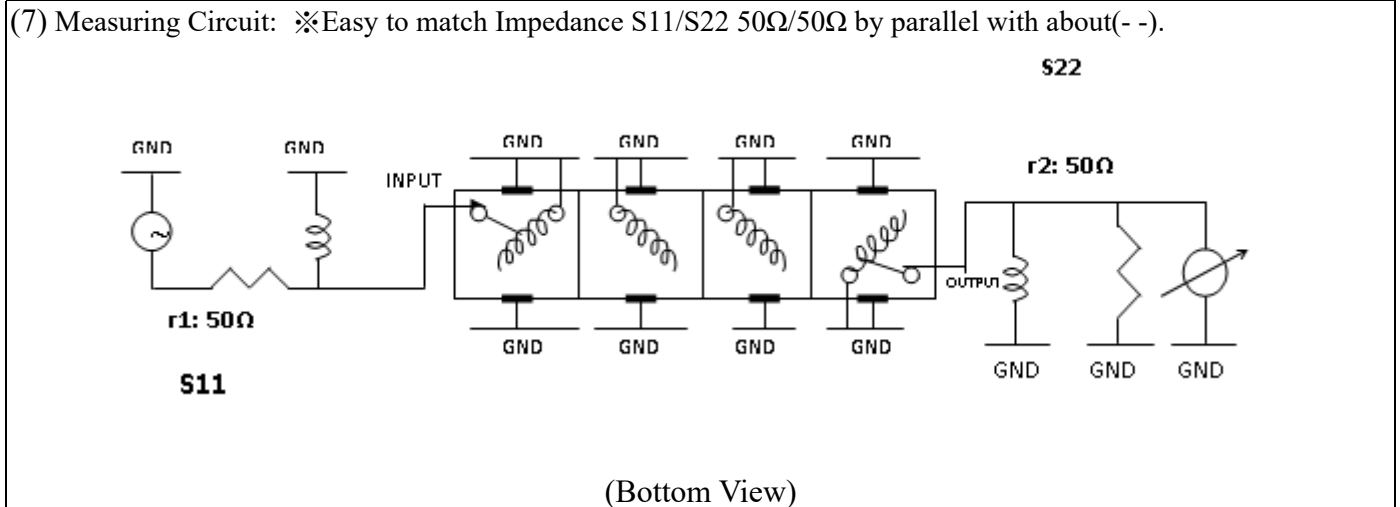


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41099A-1740M
Approval No. /dated	201905068CD	Temwell,s print Name	41099A 1740M
Work Instruction No.	201905068CD	Date	Jul.3.2019



(3)Electric Charasteric					
	Item		Specify		Performance
	Center Freq.(Fo) +/- 0.5 %		1740 MHz		1740 MHz
	Insertion Loss	Typ.	5.0 dB		4.09 dB
	-3 dB Bandwidth	Typ.	60 MHz		66.6 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ.	40 dBc		47 dBc
	Fo + 100 MHz	Typ.	30 dBc		32 dBc
	Fo - ()MHz	Typ.	dBc		dBc
	Fo +()MHz	Typ.	dBc		dBc
	Return Loss	Min.	12 dB		20.9 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		



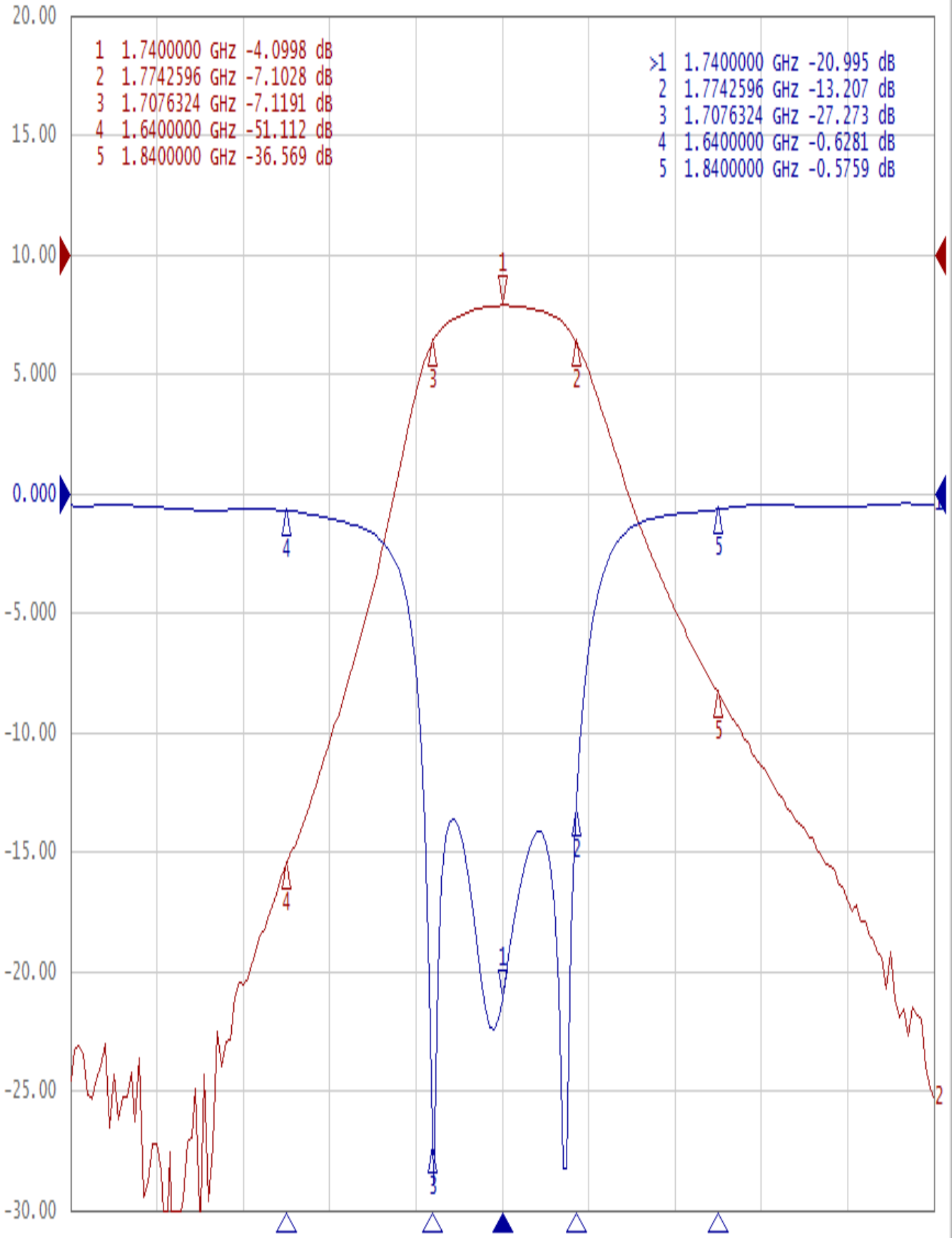
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5W4S(3.8*4.5)(4.52) 5HW0461B3.2(J1)

TEMWELL CORPORATION

Performance-TFW41099A-1740M

201905068CD

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



1 Center 1.74 GHz

IFBW 70 kHz

Span 400 MHz Cor !