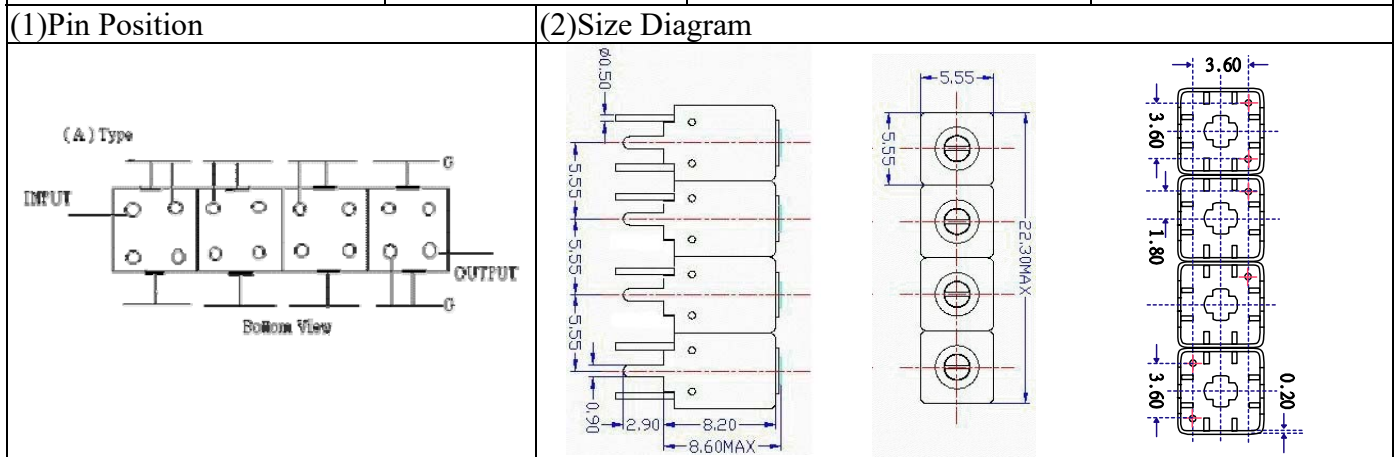


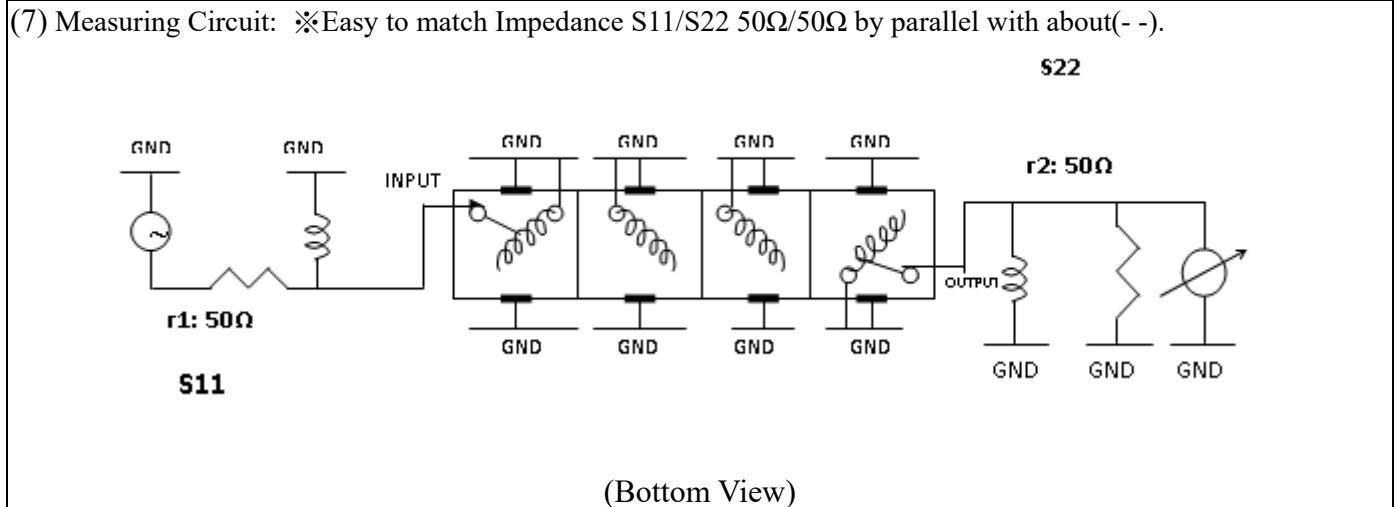
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41100A-1745M
Approval No. /dated	201905069CD	Temwell,s print Name	41100A 1745M
Work Instruction No.	201905069CD	Date	Jun.20.2019



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		1745 MHz	1745 MHz
Insertion Loss		Typ. 5.0 dB	4.00 dB
-3 dB Bandwidth		Typ. 70 MHz	74.9 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 40 dBc	45 dBc
	Fo + 100 MHz	Typ. 30 dBc	33 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	20.8 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



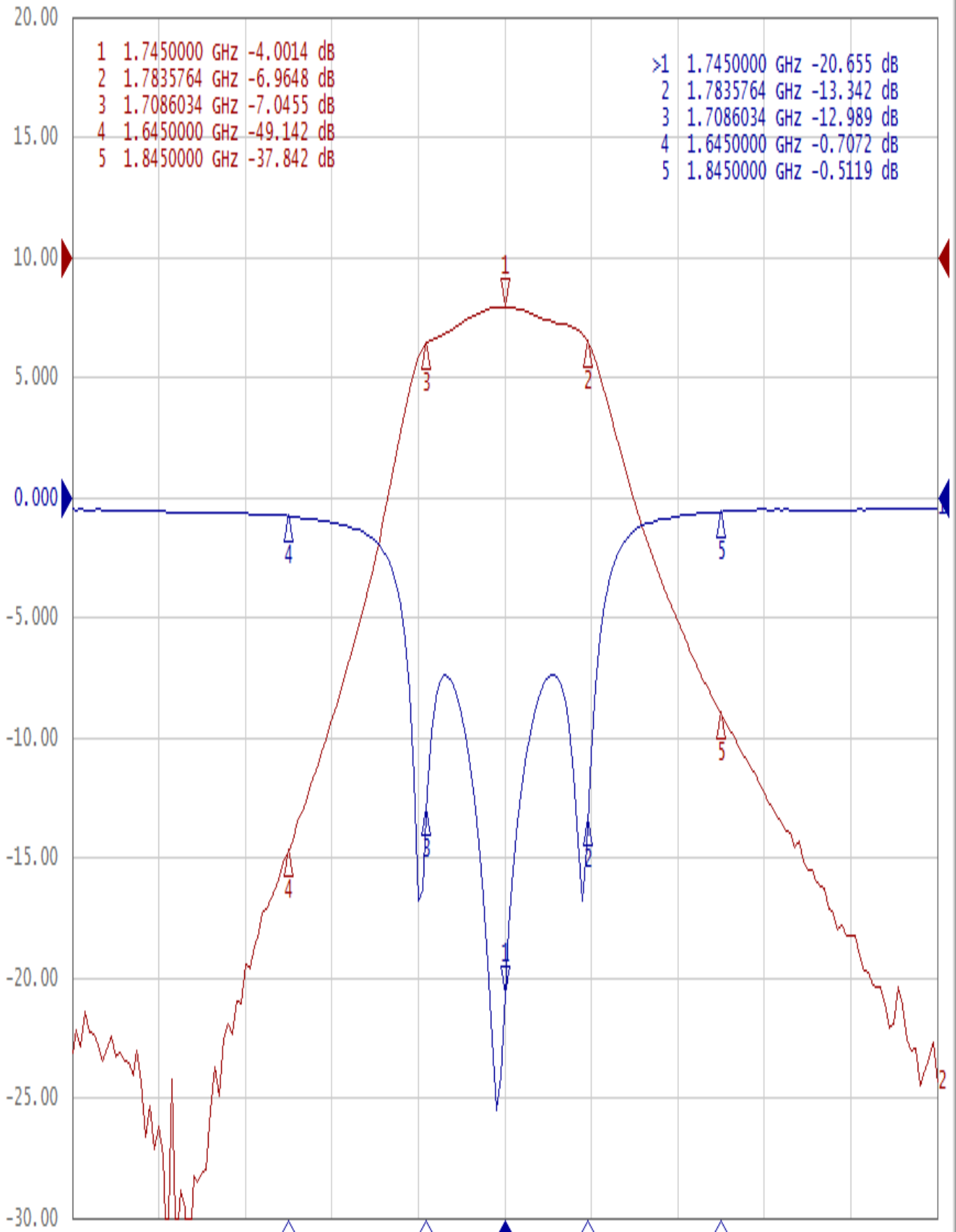
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5W4S(3.8*4.5)(4.52) 5HW0461B3.2(J1)

TEMWELL CORPORATION

Performance-TFW41100A-1745M

201905069CD

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



1 Center 1.745 GHz

IFBW 70 kHz

Span 400 MHz Cor!