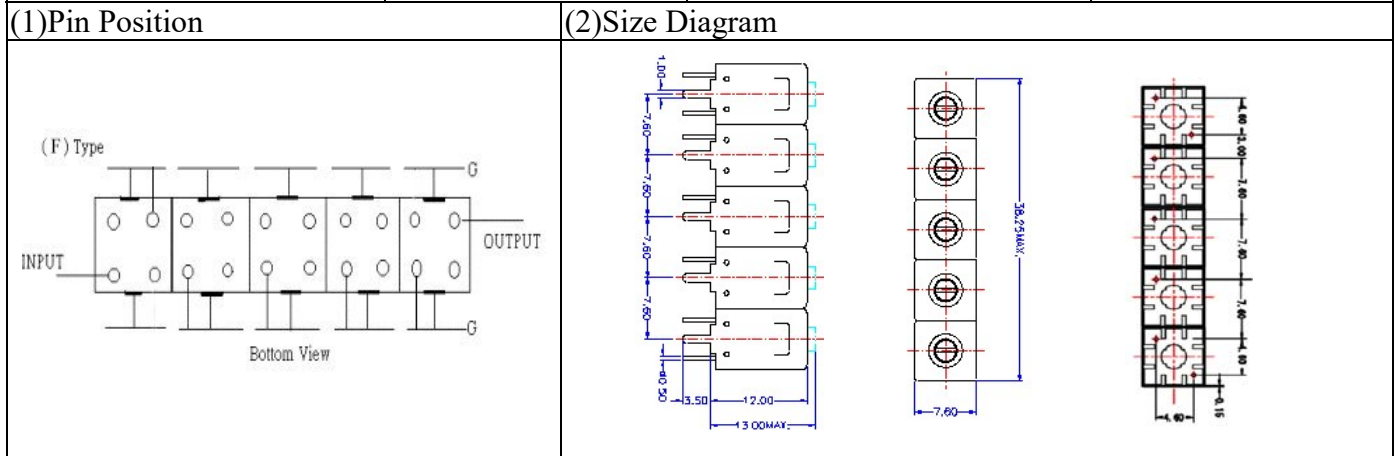
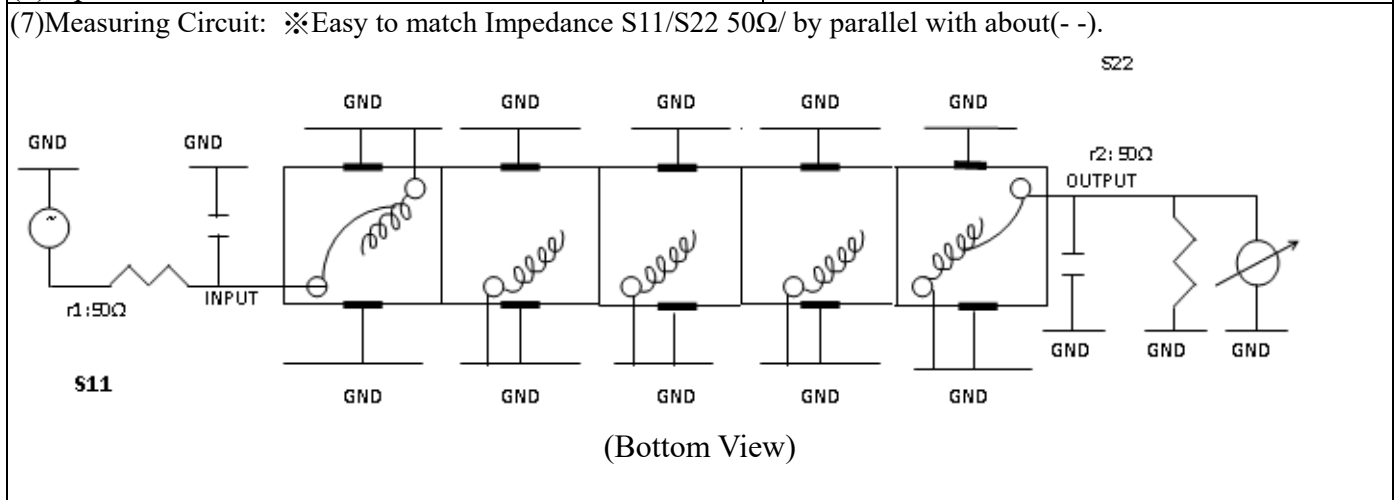


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70550F-915M
Approval No. /dated	202002029CD	Temwell's Print Name.	70550F 915M
Work Instruction No.	202002029CD	Date	Feb.02.2020



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		915 MHz	915 MHz
Insertion Loss		Typ. 4.5 dB	3.30 dB
-3 dB Bandwidth		Typ. 27 MHz	32.7 MHz
Sensitivity (Attenuation)	Fo -50 MHz	Typ. 51 dBc	61 dBc
	Fo +50 MHz	Typ. 38 dBc	43 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	23.8 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		> 1 Watt	



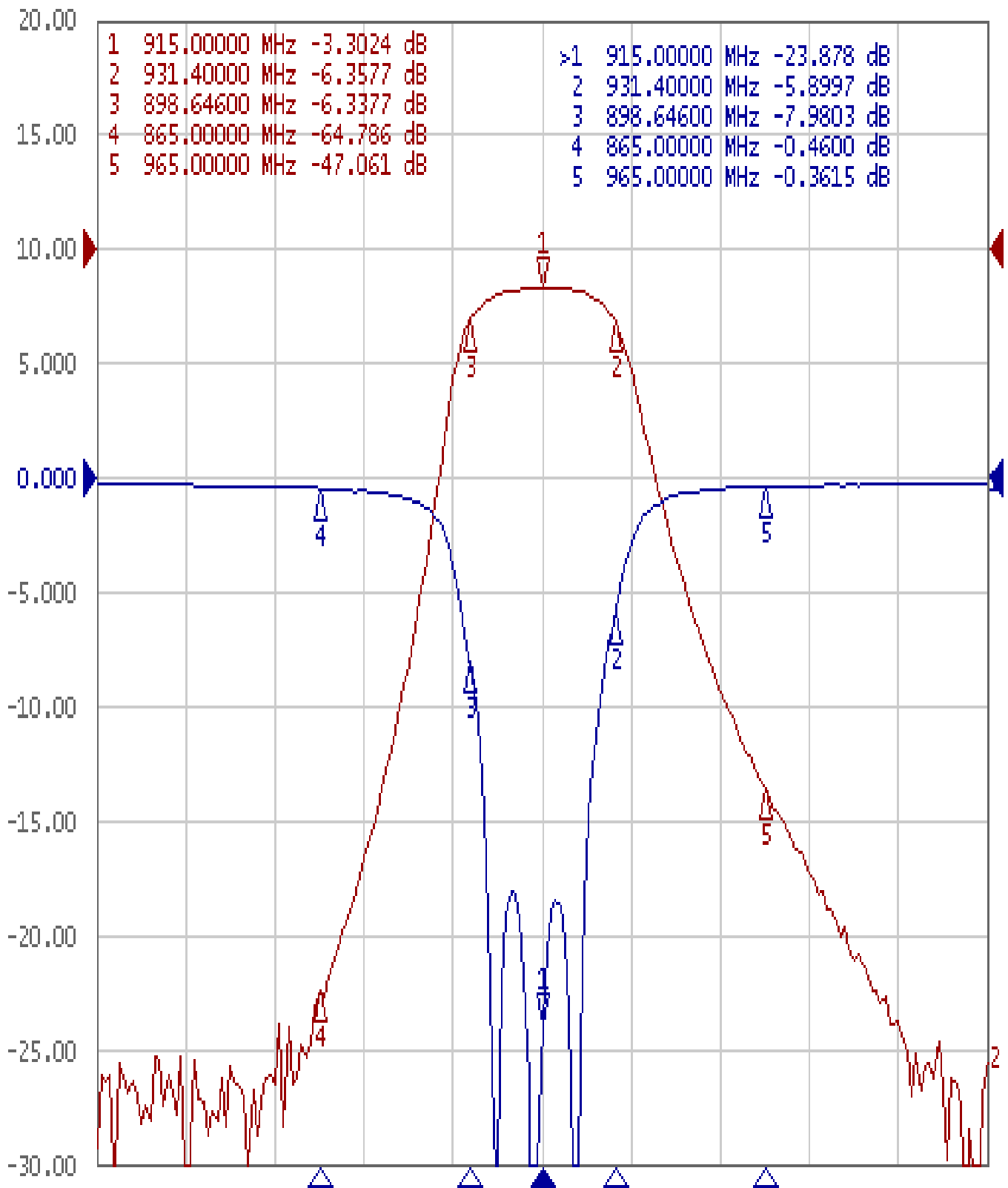
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.W.Wang	7H5S(4*6.35)(6.38) 7H046LB4.3 聚 3(中) 7H046LB5(左)(J1)
TEMWELL CORPORATION			

Performance-TV70550F-915M

202002029CD

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

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



1 Center 915 MHz

IFBW 70 kHz

Span 200 MHz

Cor !