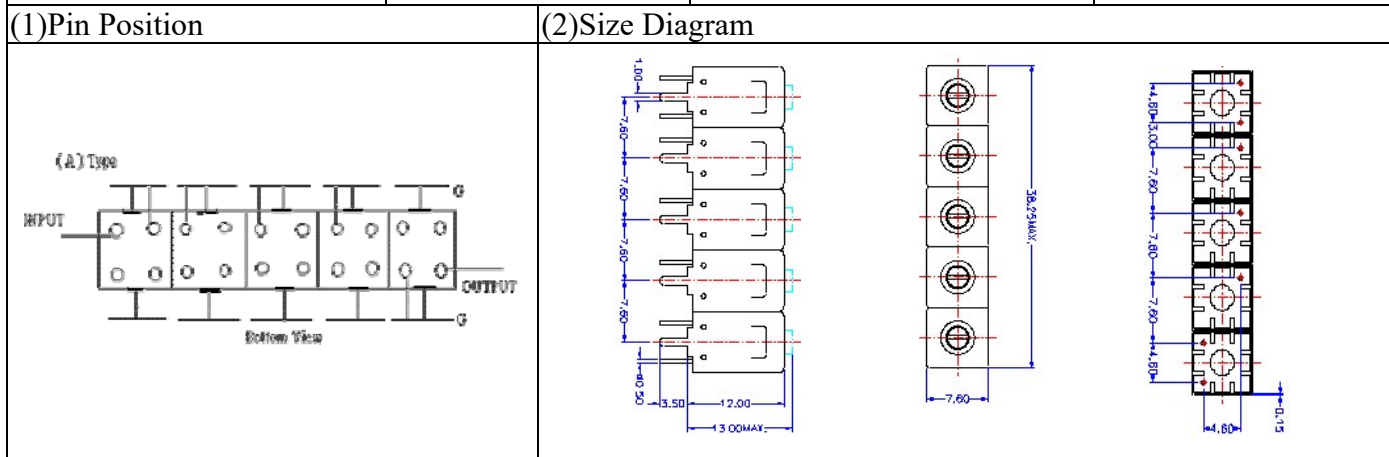


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV70248A-915M
Approval No. /dated	202002028CD	Temwell's Print Name.	70248A 915M
Work Instruction No.	202002028CD	Date	Feb.13.2020



(3)Electric Charasteric

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	915 MHz	915 MHz	
Insertion Loss	Typ. 6.0 dB	4.99 dB	
-3 dB Bandwidth	Typ. 15 MHz	19.2 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 62 dBc	72 dBc
	Fo + 50 MHz	Typ. 59 dBc	69 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	22.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

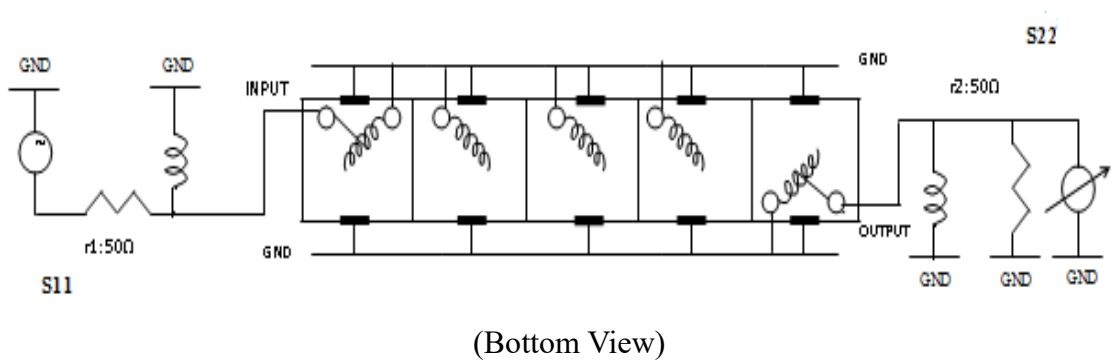
(4)Torque for Tuning Screw > 60gf · cm

(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(- -).



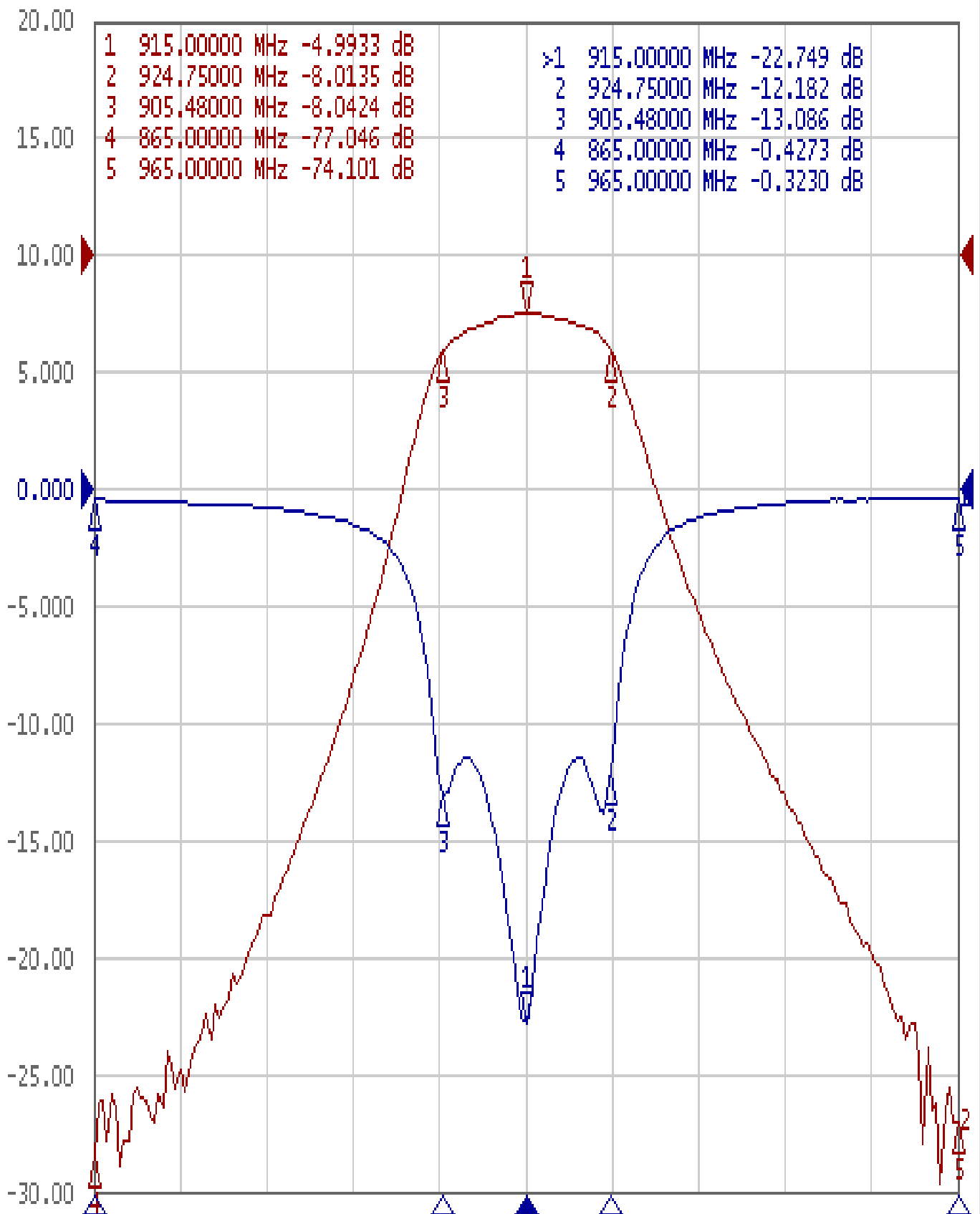
Approval C.C.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 7H5S(4*5.35)(5.40) 7H046LB4.3 聚 3
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TEMWELL CORPORATION

Performance- TV70248A-915M

202002028CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 915 MHz

IFBW 70 kHz

Span 100 MHz

Cor !