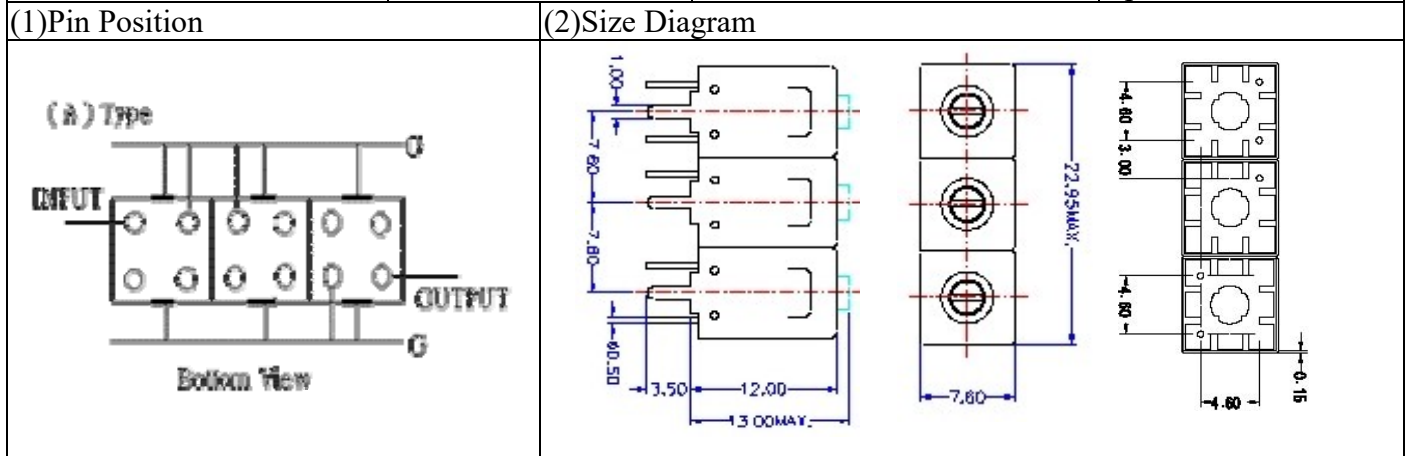


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT63781A-915M-20M
Approval No. /dated	201804038CD	Temwell's print name	63781A 915M
Work Instruction No.	201804038CD	Date	Apr.20.2018



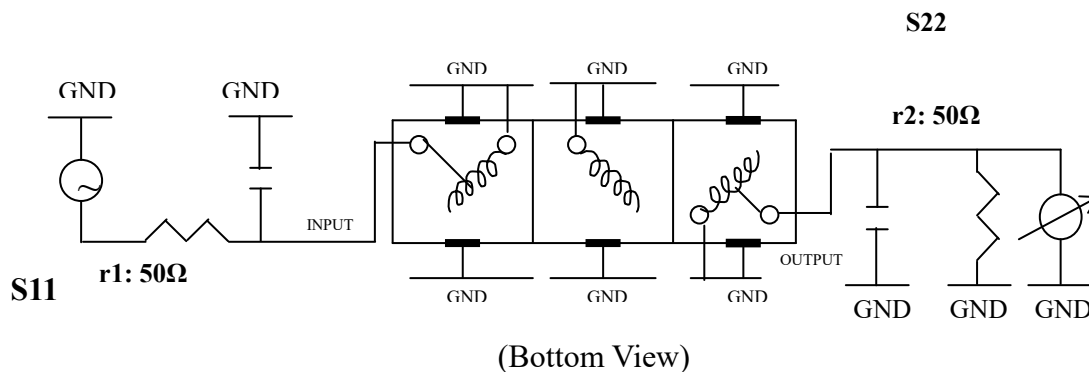
(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo ) +/- 0.5 %		915 MHz	915 MHz
Insertion Loss		Typ. 4.0 dB	3.03 dB
-3 dB Bandwidth		Typ. 20 MHz	24.3 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 40 dBc	45 dBc
	Fo + 50 MHz	Typ. 30 dBc	33 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	26.6 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 50Ωby parallel with about(- -).



Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Z.Y.Wang	7H3S(4*5.35)(5.38) 7H046LB4.3 聚 3

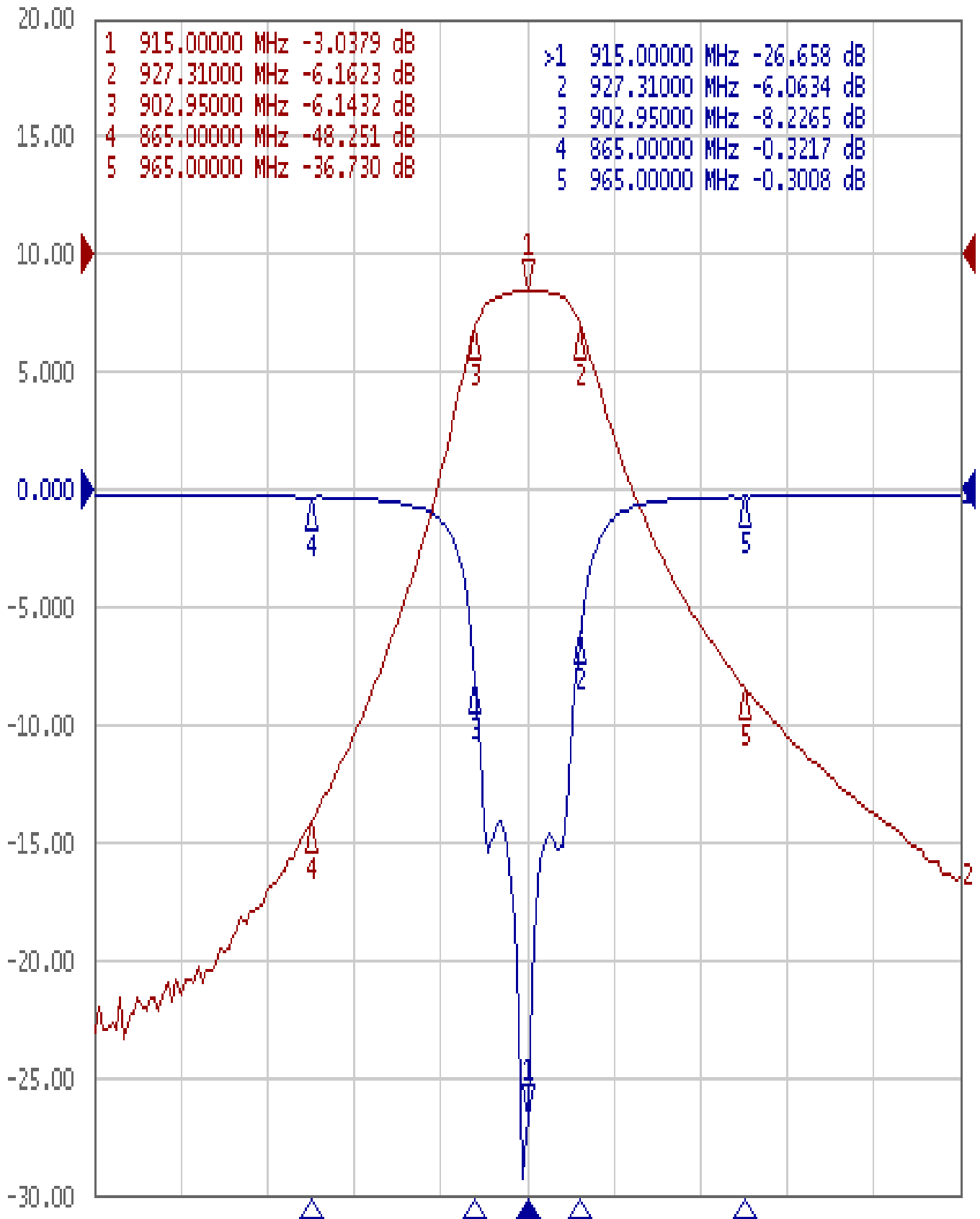
TEMWELL CORPORATION  
TEMWELL Form10-7H3A Vision D RP (Z.Y.W)

# Performance-TT63781A-915M-20M

## 201804038CD

▶ 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 !