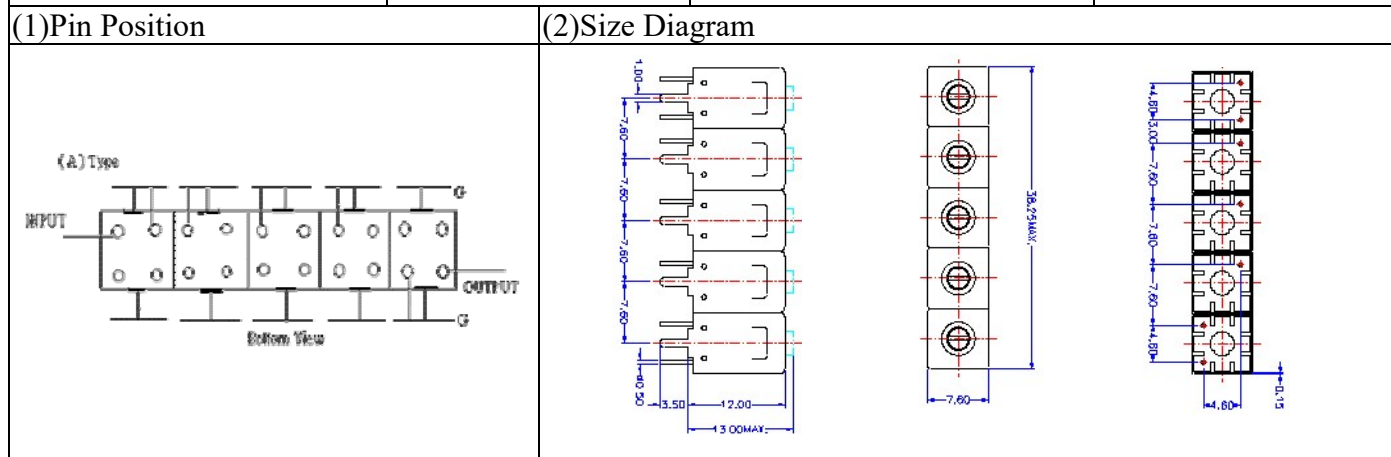


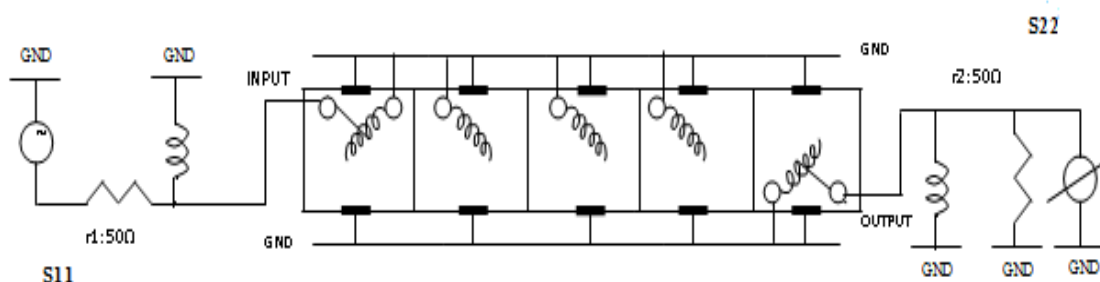
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV6566A-780.5M
Approval No. /dated	201912020CD	Temwell's Print Name.	6566A 780.5M
Work Instruction No.	201912020CD	Date	Jan.16.2020



(3)Electric Chararistic			
Item		Specify	Performance
Center Freq.(Fo ) +/- 0.5 %		780.5 MHz	780.5 MHz
Insertion Loss		Typ. 3.5 dB	2.74 dB
-3 dB Bandwidth		Typ. 45 MHz	46.3 MHz
Sensitivity (Attenuation )	Fo - 50 MHz	Typ. 44 dBc	49 dBc
	Fo + 50 MHz	Typ. 30 dBc	35 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	18.3 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(- -).



(Bottom View)

Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.H.Yeh	Aperture size 7H5S(4*5.6)(5.68) 7H046LB5
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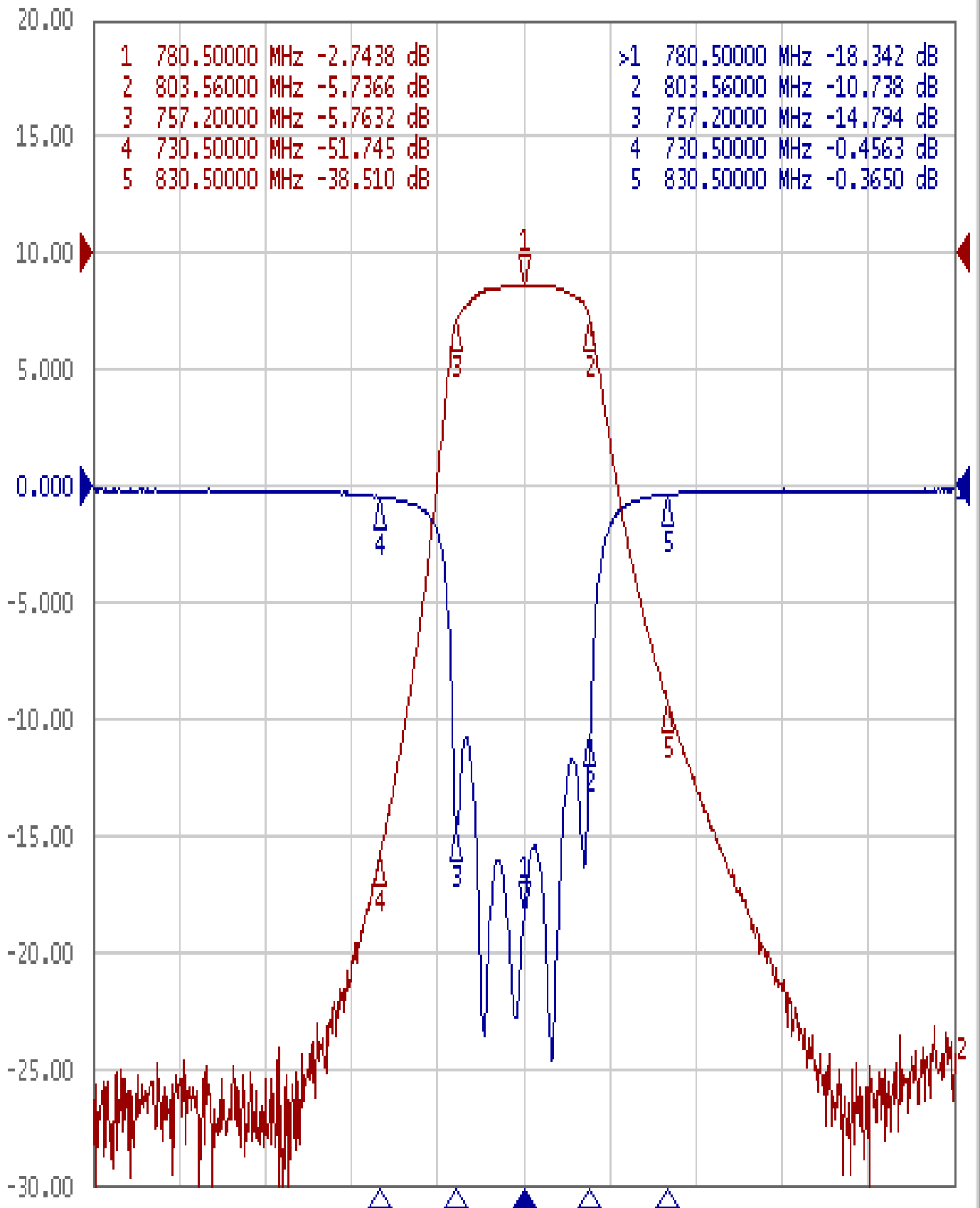
TEMWELL CORPORATION

# Performance- TV6566A-780.5M

## 201912020CD

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

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



1 Center 780.5 MHz

IFBW 70 kHz

Span 300 MHz Cor !