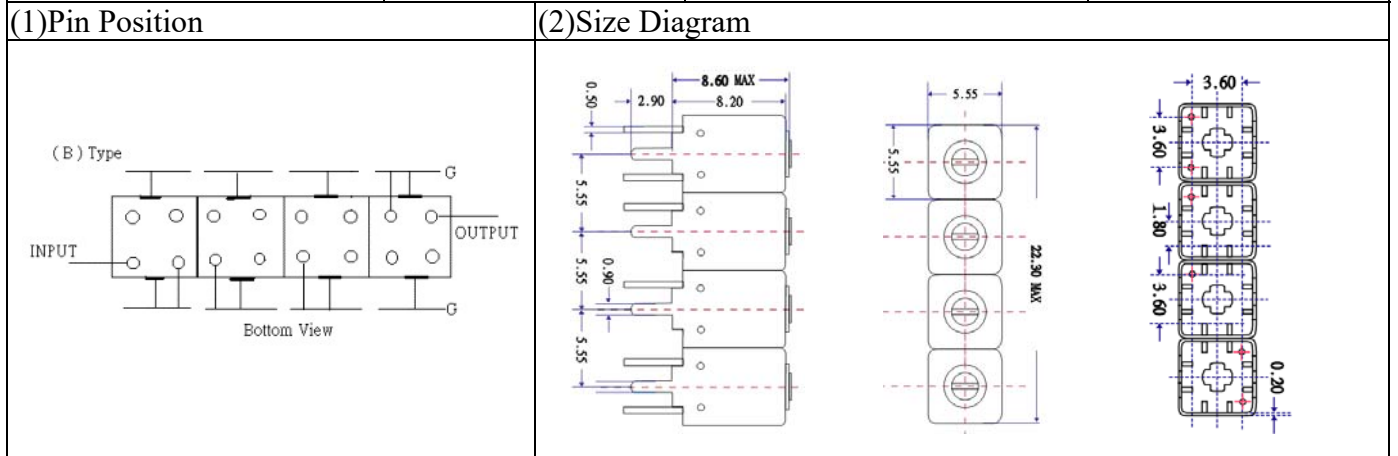


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4703B-1875M
Approval No. /dated	202005051CD	Temwell's Print name	4703B 1875M
Work Instruction No.	202005051CD	Date	Jul.09.2020



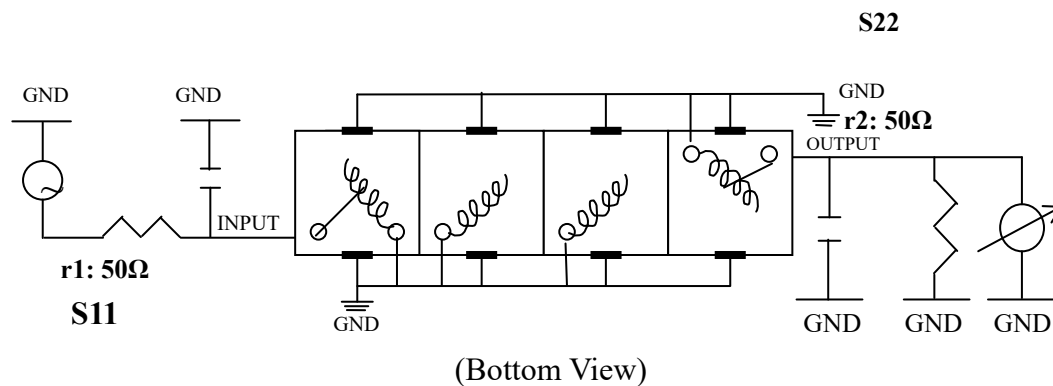
(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1875 MHz	1875 MHz	
Insertion Loss	Typ. 7.0 dB	5.63 dB	
-3 dB Bandwidth	Typ. 22 MHz	31.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc	66 dBc
	Fo + 100 MHz	Typ. 40 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30.0 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

(7)Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



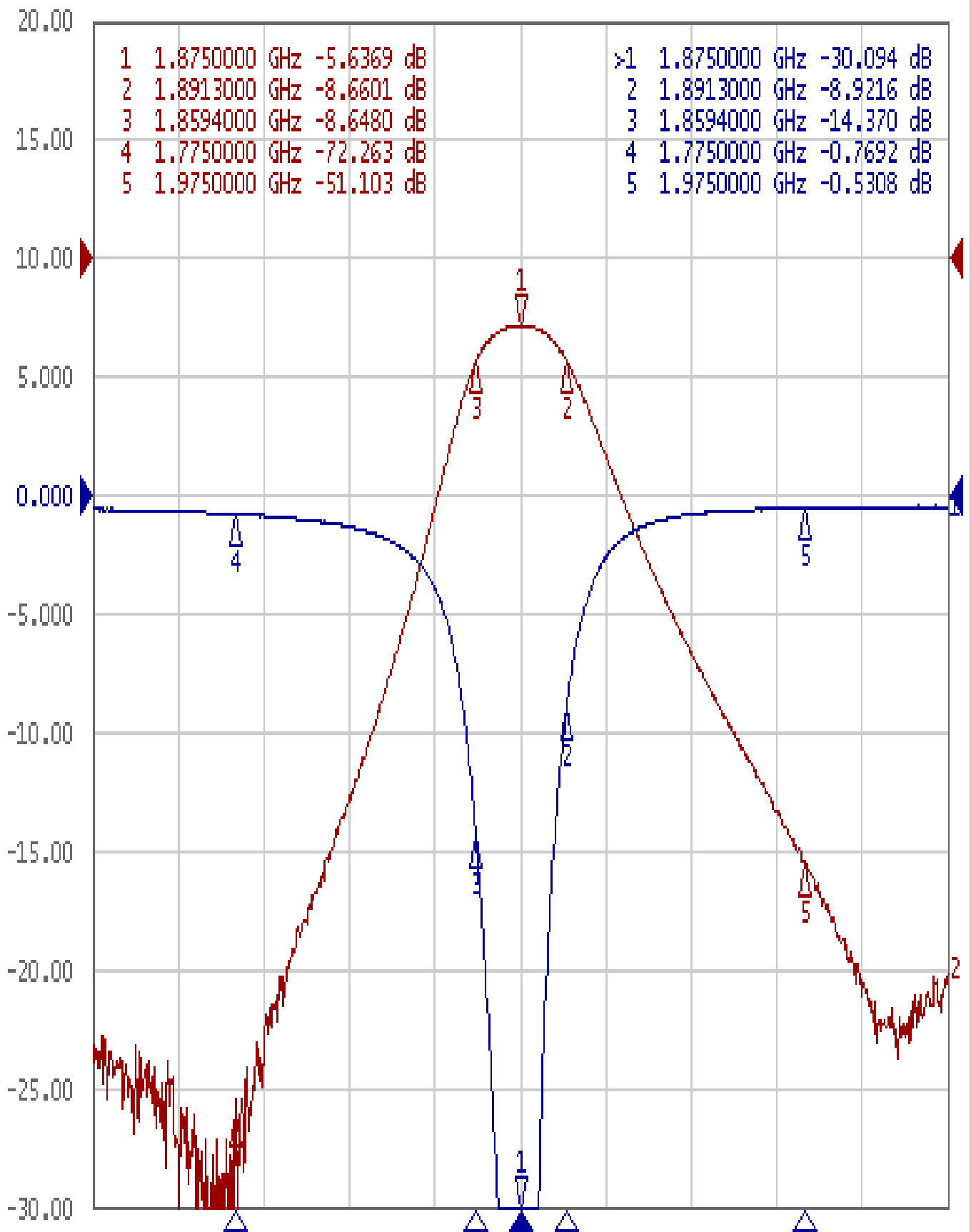
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	Z.Y.Wang	5W4S(3.8*4.0)(4.13) 5HW046RB3.2(J1)

TEMWELL CORPORATION

Performance-TFW4703B-1875M

202005051CD

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



1 Center 1.875 GHz

IFBW 70 kHz

Span 300 MHz Cor !