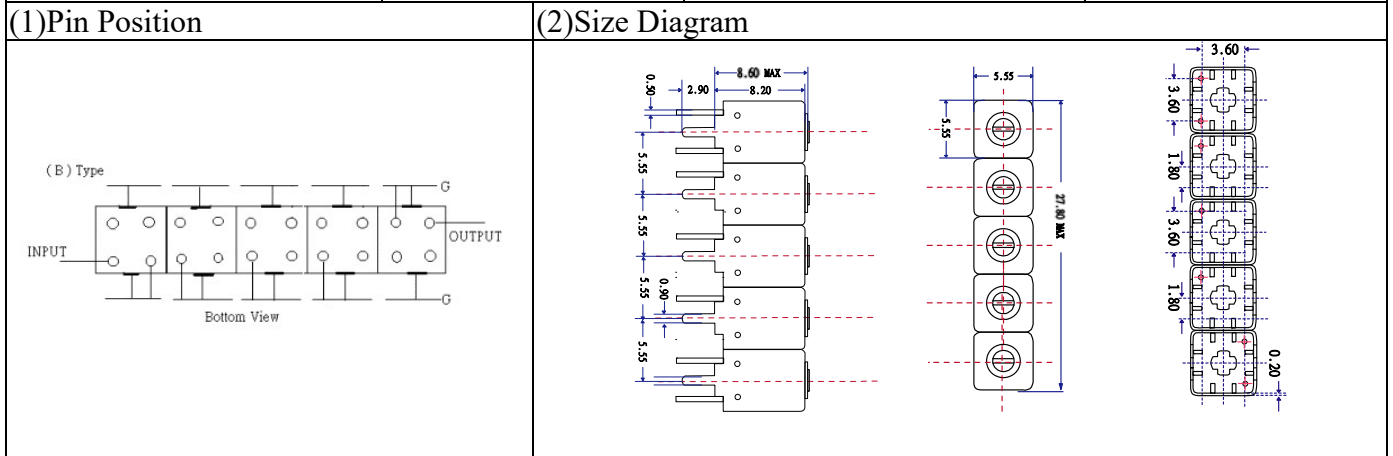


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TVW5411B-1842.5M
Approval No. /dated		Temwell,s print Name	5411B 1842.5M
Work Instruction No.	201911072CD	Date	Dec.06.2019



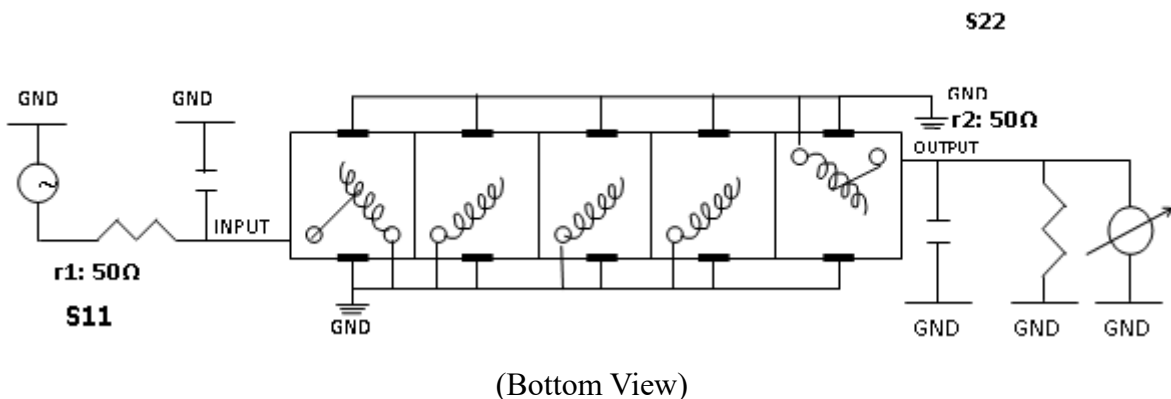
(3)Electric Charasteric		Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %			1842.5 MHz	1842.5 MHz
Insertion Loss		Typ.	4.5 dB	3.46 dB
-3 dB Bandwidth		Typ.	75 MHz	77.4 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ.	45 dBc	50 dBc
	Fo + 100 MHz	Typ.	36 dBc	41 dBc
	Fo - ()MHz	Typ.	dBc	dBc
	Fo +()MHz	Typ.	dBc	dBc
Return Loss		Min.	12 dB	19.6 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 > 0.5Watt

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



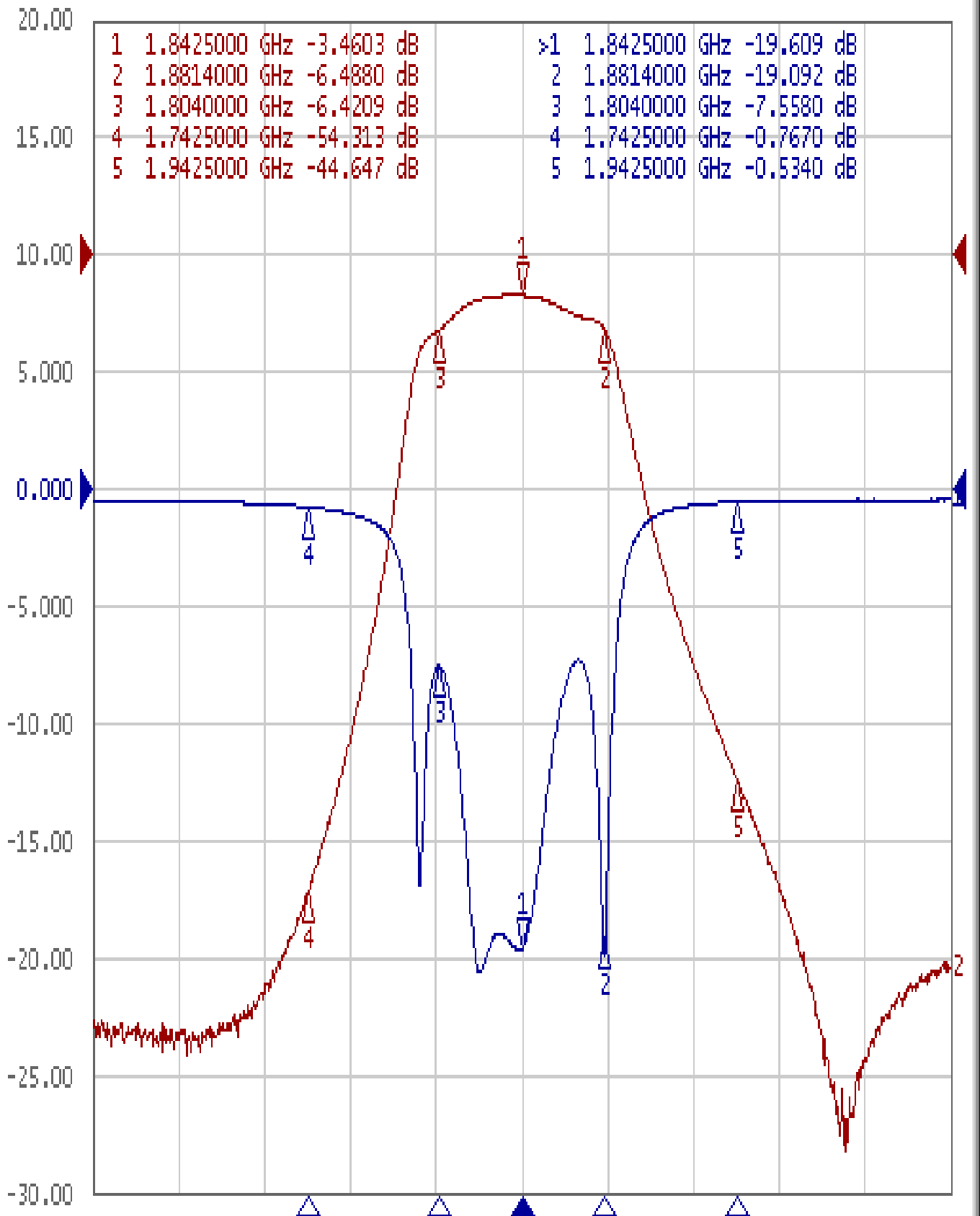
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W5S(3.8*4.0)(4.03) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TVW5411B-1842.5M

201911072CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 1.8425 GHz

IFBW 10 kHz

Span 400 MHz Cor !