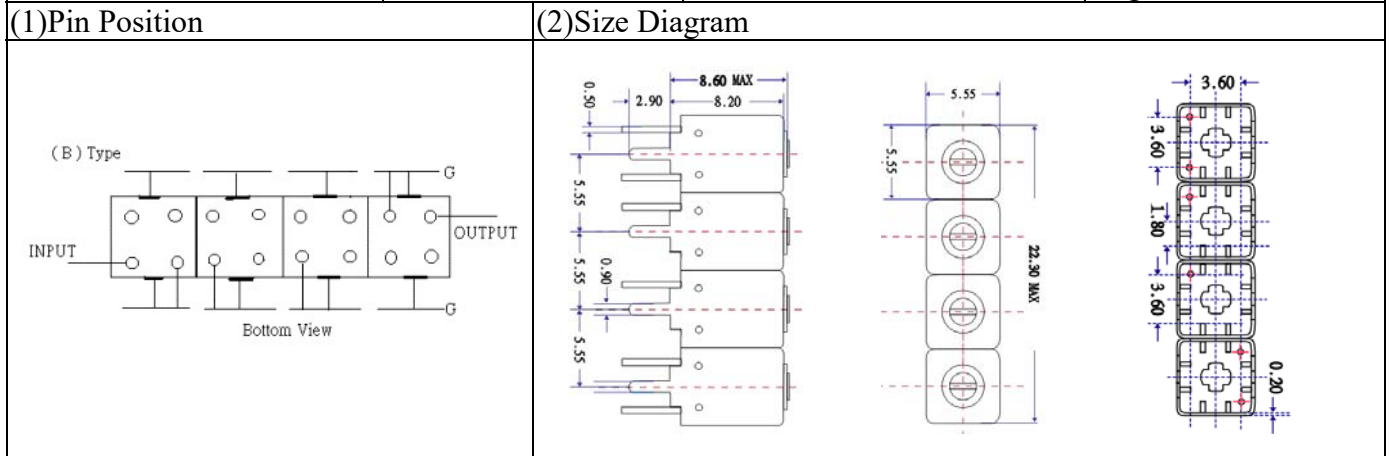


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4724B-2325M
Approval No. /dated		Temwell's Print name	4724B 2325M
Work Instruction No.	202007050CD	Date	Aug.18.2020



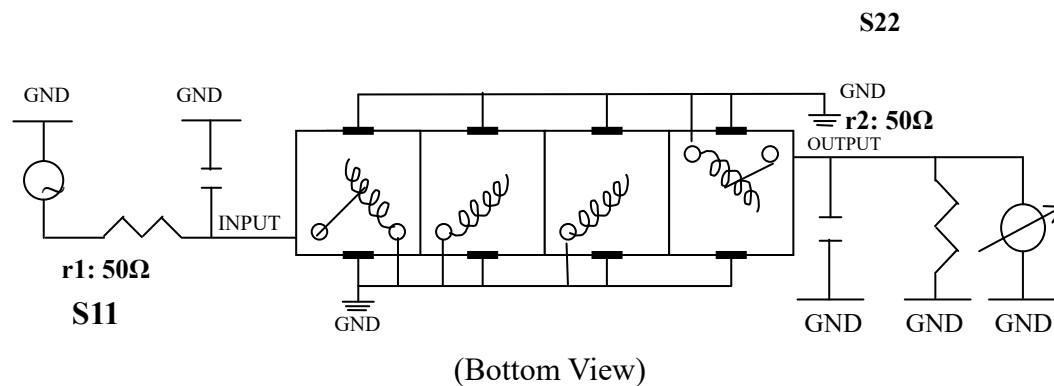
(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2325 MHz	2325 MHz	
Insertion Loss	Typ. 7.0 dB	5.42 dB	
-3 dB Bandwidth	Typ. 36 MHz	48.3 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 50 dBc	60 dBc
	Fo + 150 MHz	Typ. 46 dBc	51 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	31.8 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(- -).



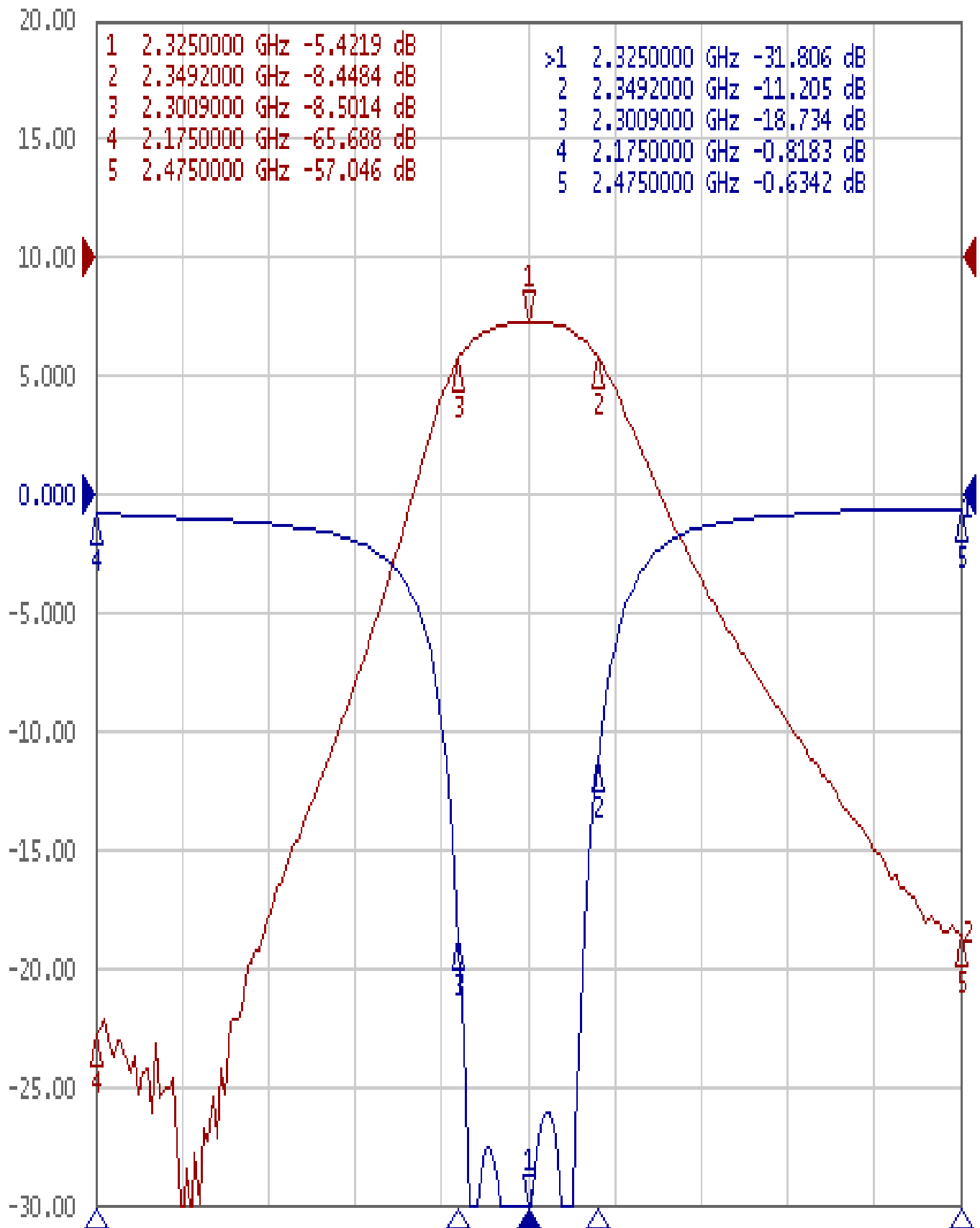
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	5W4S(3.8*4.0)(4.02) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TFW4724B-2325M

202007050CD

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



1 Center 2.325 GHz

IFBW 70 kHz

Span 300 MHz

Cor !