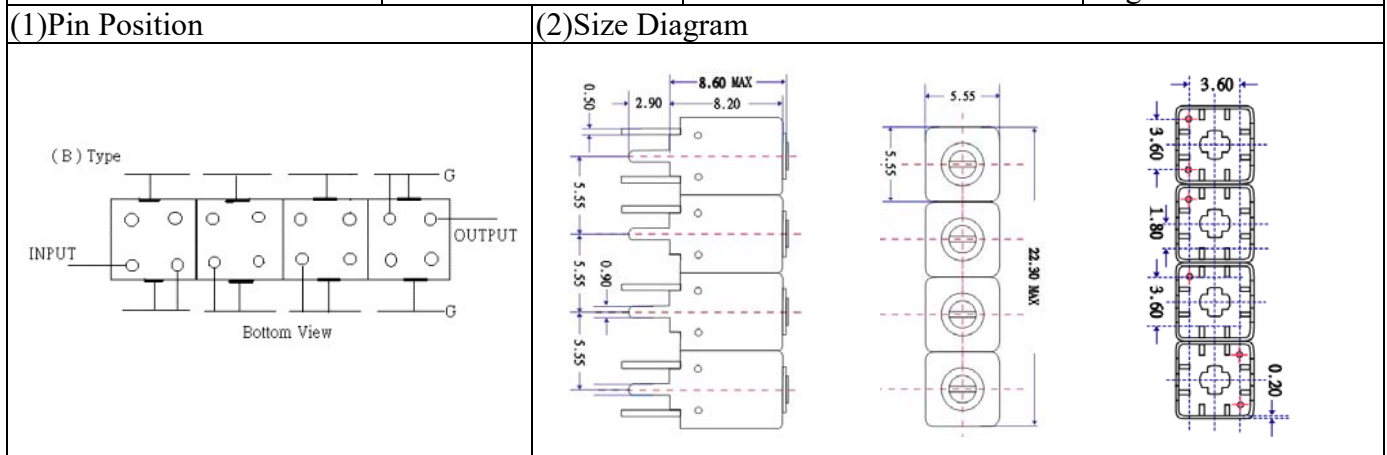


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4536B-2450M
Approval No. /dated		Temwell's Print name	4536B 2450M
Work Instruction No.	202007059CD	Date	Aug.4.2020



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	2450 MHz	2450 MHz	
Insertion Loss	Typ. 5.0 dB	3.40 dB	
-3 dB Bandwidth	Typ. 82 MHz	93.1 MHz	
Sensitivity (Attenuation)	Fo - 200 MHz	Typ. 50 dBc	55 dBc
	Fo + 200 MHz	Typ. 28 dBc	33 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	20.1 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

(4)Torque for Tuning Screw > 60gf · cm

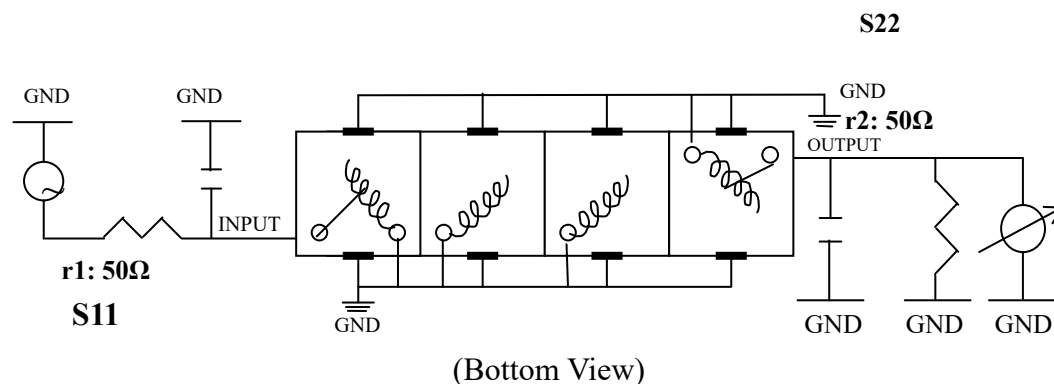
(5)Temperature Condition:

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(- -).

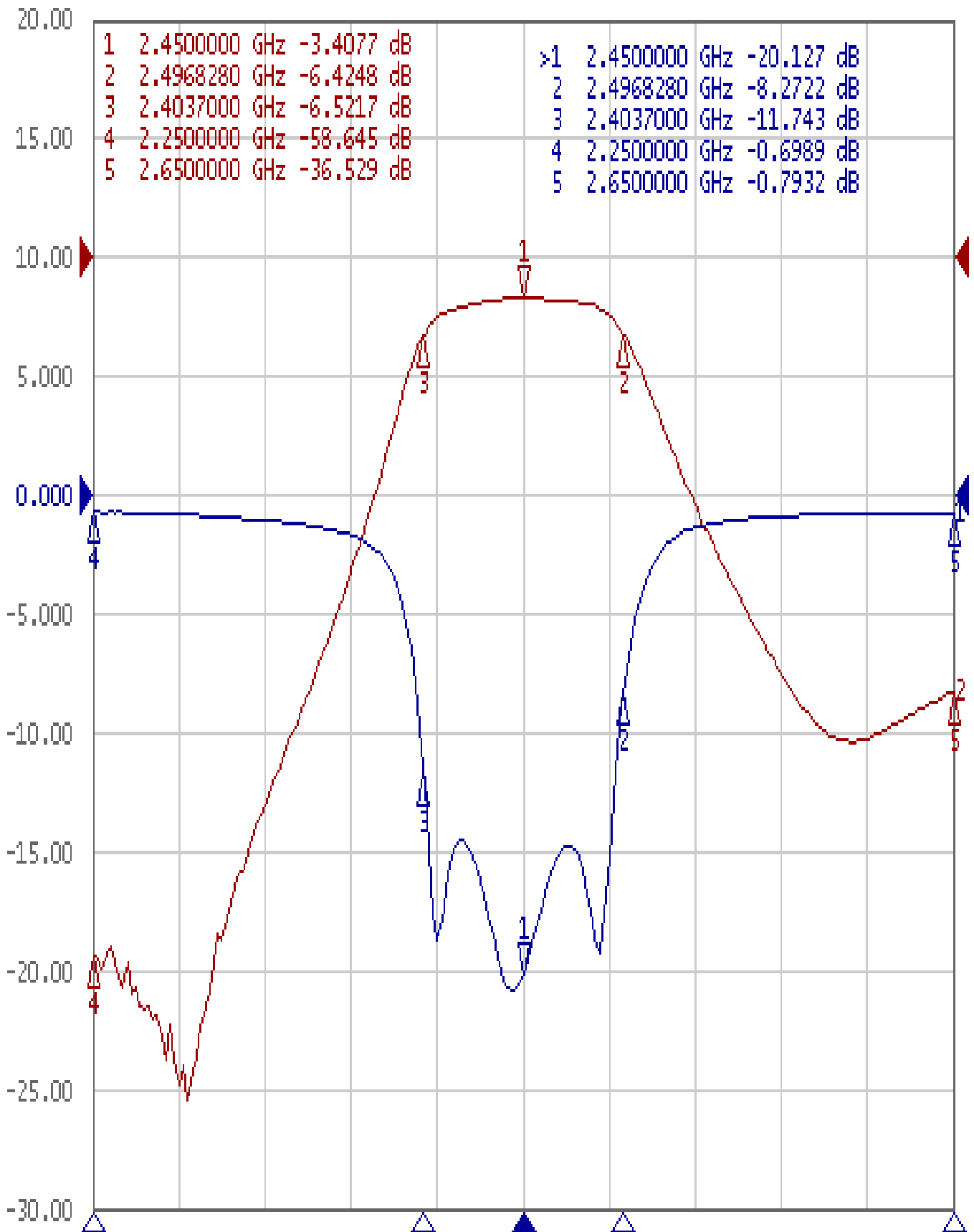


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	5W4S(3.8*3.5)(3.51) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

# Performance-TFW4536B-2450M

202007059CD

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



1 Center 2.45 GHz

IFBW 70 kHz

Span 400 MHz Cor !