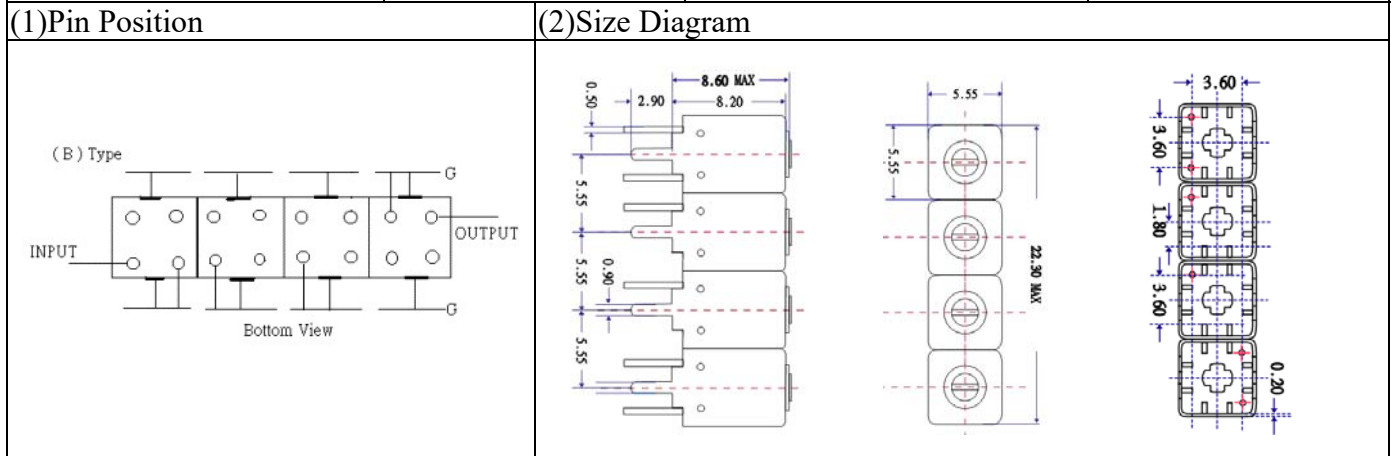


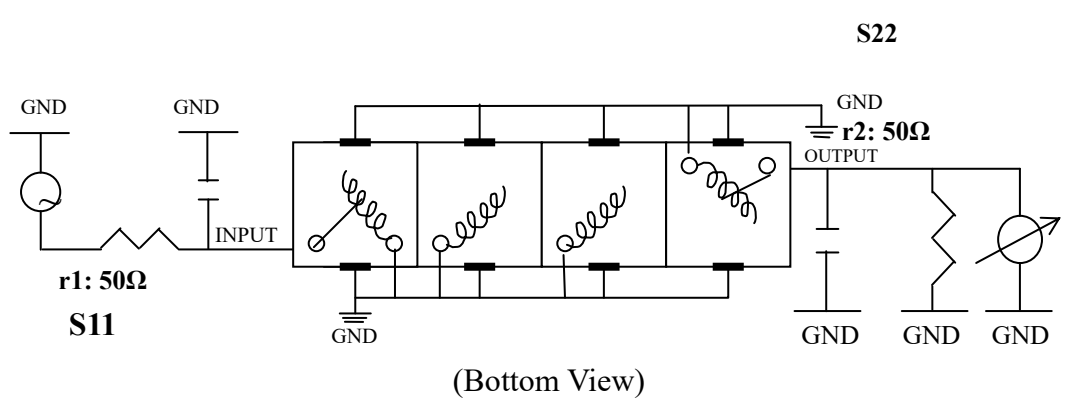
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4799B-2275M
Approval No. /dated		Temwell's Print name	4799B 2275M
Work Instruction No.	202007048CD	Date	Jul.31.2020



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2275 MHz	2275 MHz	
Insertion Loss	Typ. 5.0 dB	3.80 dB	
-3 dB Bandwidth	Typ. 65 MHz	79.8 MHz	
Sensitivity (Attenuation)	Fo - 150 MHz	Typ. 52 dBc	58 dBc
	Fo + 150 MHz	Typ. 36 dBc	41 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	14.9 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(- -).

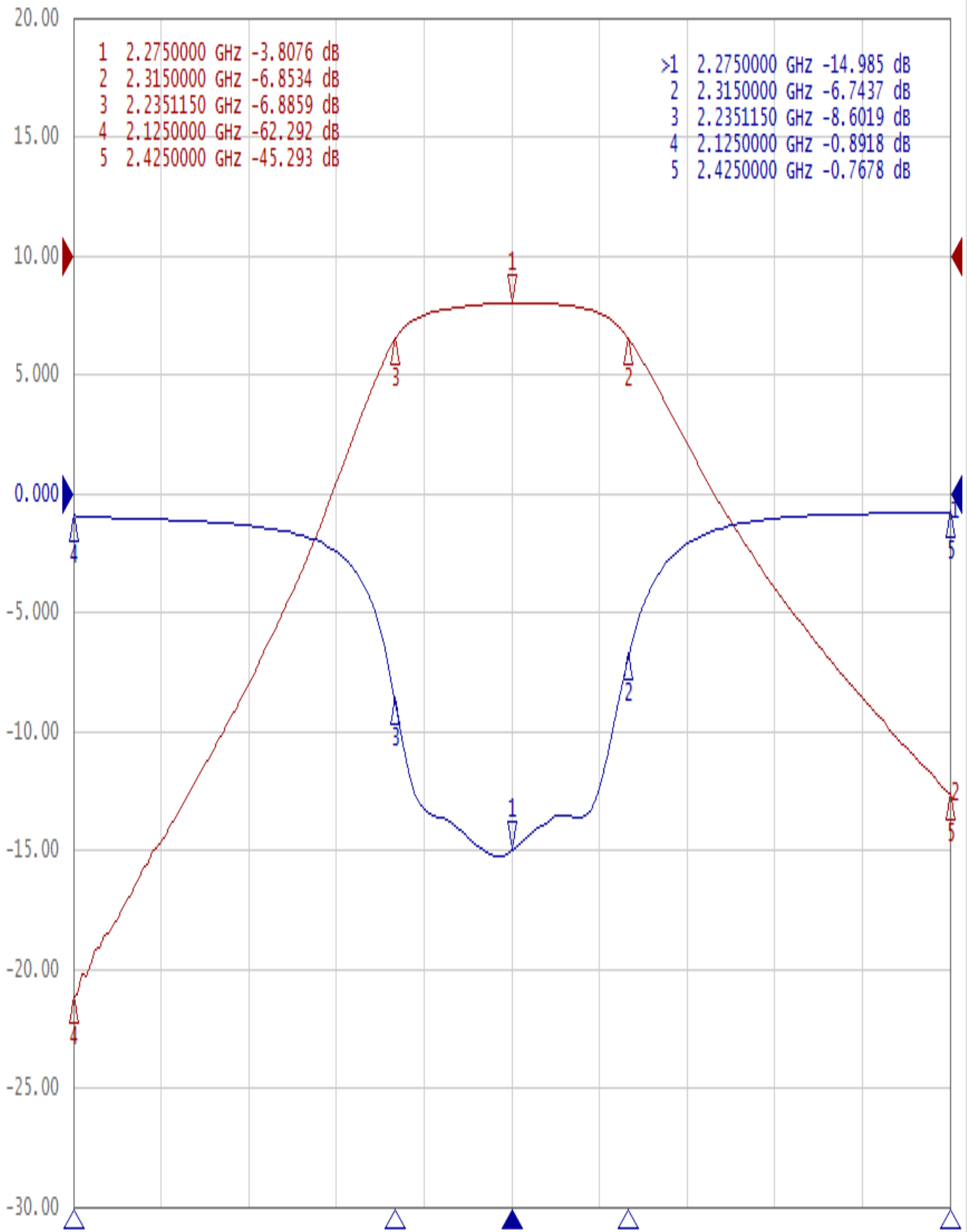


Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	M.Y.Kang	5W4S(3.8*4.0)(4.09) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4799B-2275M

202007048CD

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



1 Center 2.275 GHz

IFBW 70 kHz

Span 300 MHz Cor!