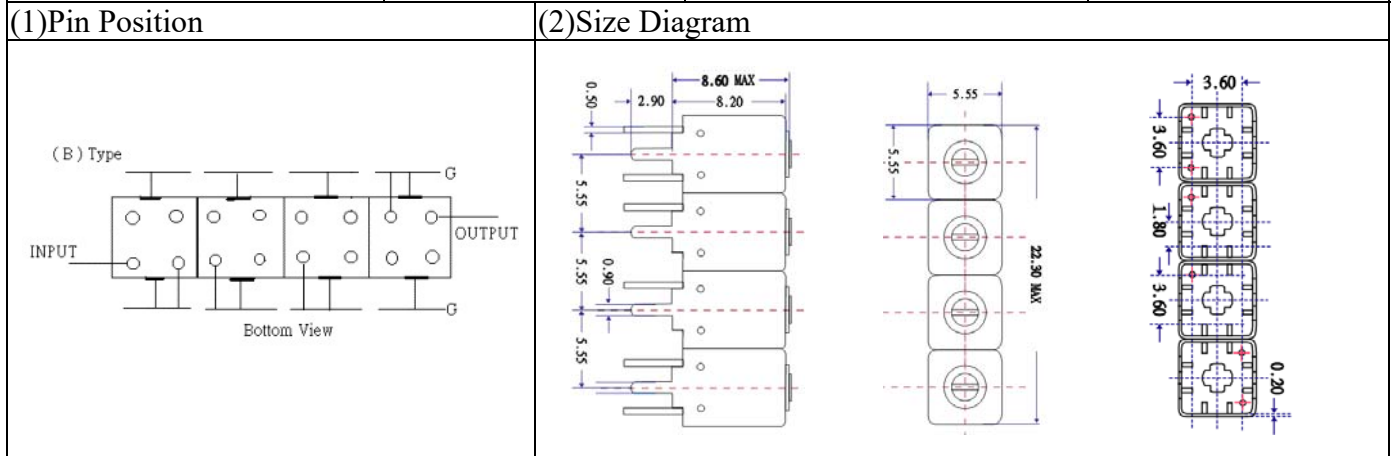


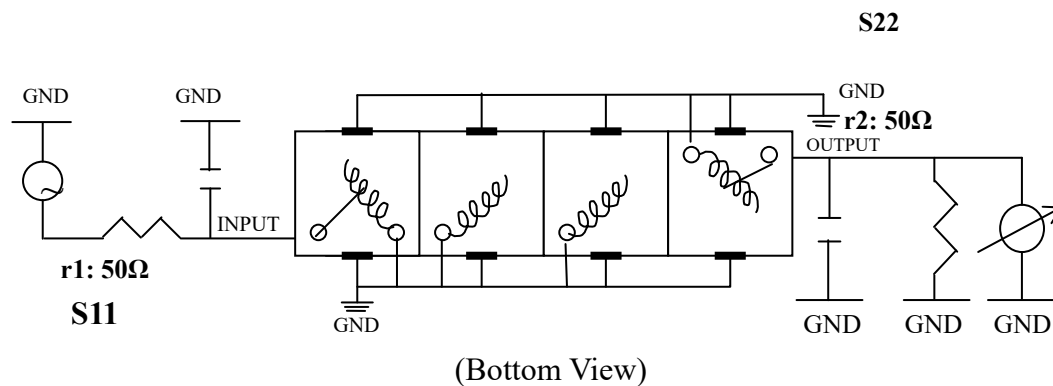
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW4710B-2275M
Approval No. /dated		Temwell's Print name	4710B 2275M
Work Instruction No.	202007046CD	Date	Jul.29.2020



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo ) +/- 0.5 %	2275 MHz	2275 MHz	
Insertion Loss	Typ. 6.5 dB	5.35 dB	
-3 dB Bandwidth	Typ. 26 MHz	47.4 MHz	
Sensitivity (Attenuation )	Fo - 100 MHz	Typ. 49 dBc	55 dBc
	Fo + 100 MHz	Typ. 34 dBc	39 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	15.5 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(- -).



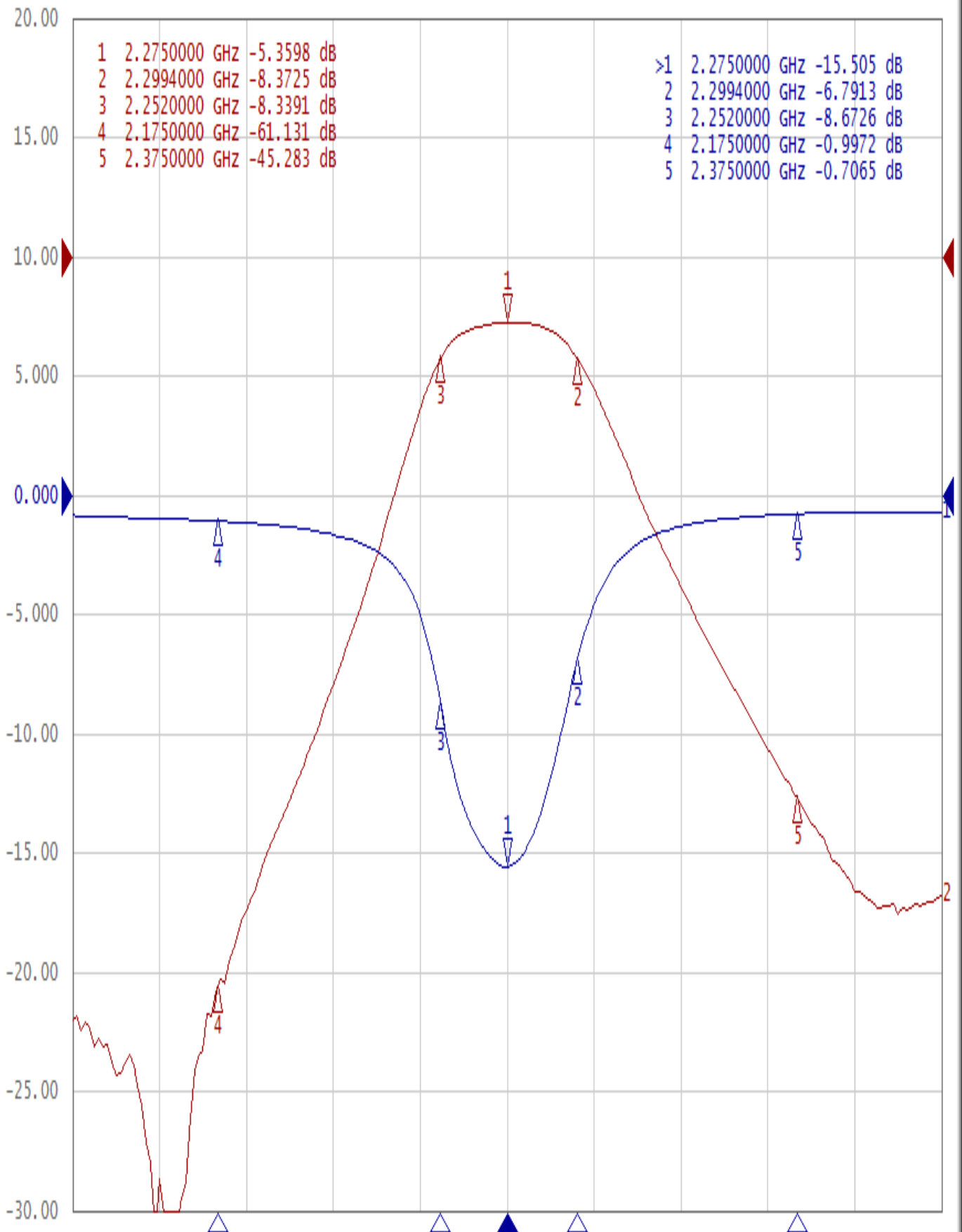
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	M.Y.Kang	5W4S(3.8*3.5)(3.63) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

# Performance-TFW4710B-2275M

## 202007046CD

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