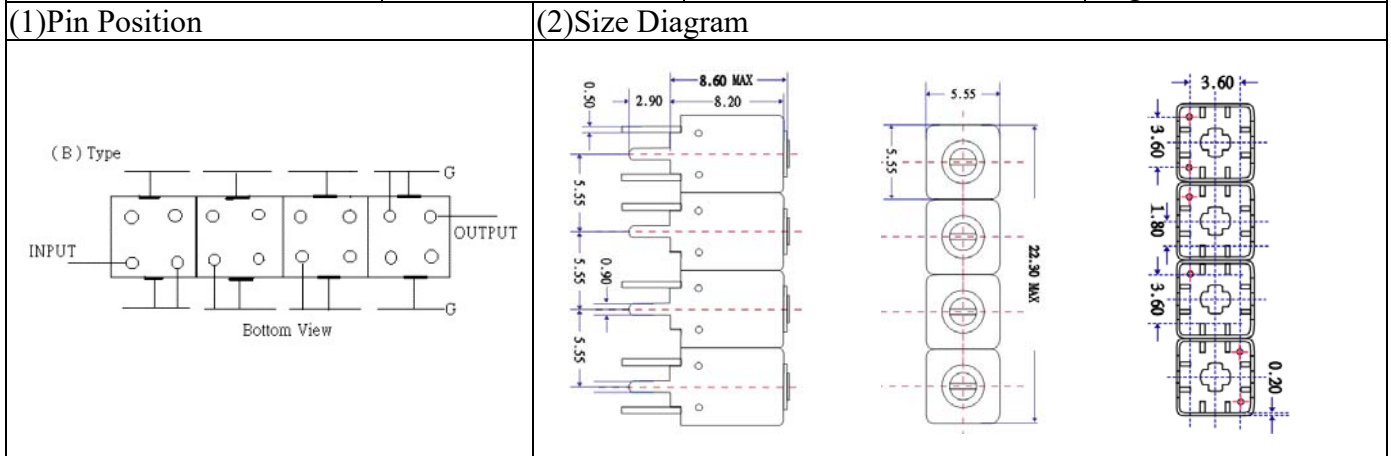


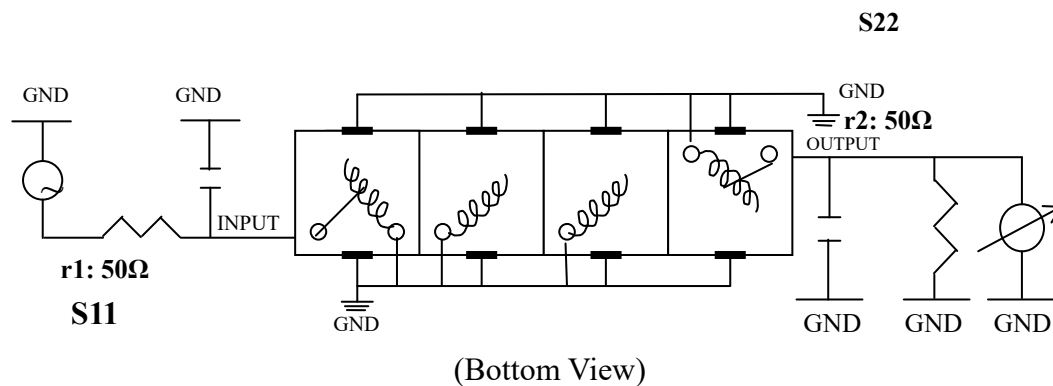
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41116B-2007.5M
Approval No. /dated	201905085CD	Temwell's Print name	41116B 2007.5M
Work Instruction No.	201905085CD	Date	Aug.21.2019



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2007.5 MHz	2007.5 MHz	
Insertion Loss	Typ. 7.0 dB	6.16 dB	
-3 dB Bandwidth	Typ. 25 MHz	30.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 50 dBc	60 dBc
	Fo + 100 MHz	Typ. 42 dBc	47 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	28.0 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(- -).



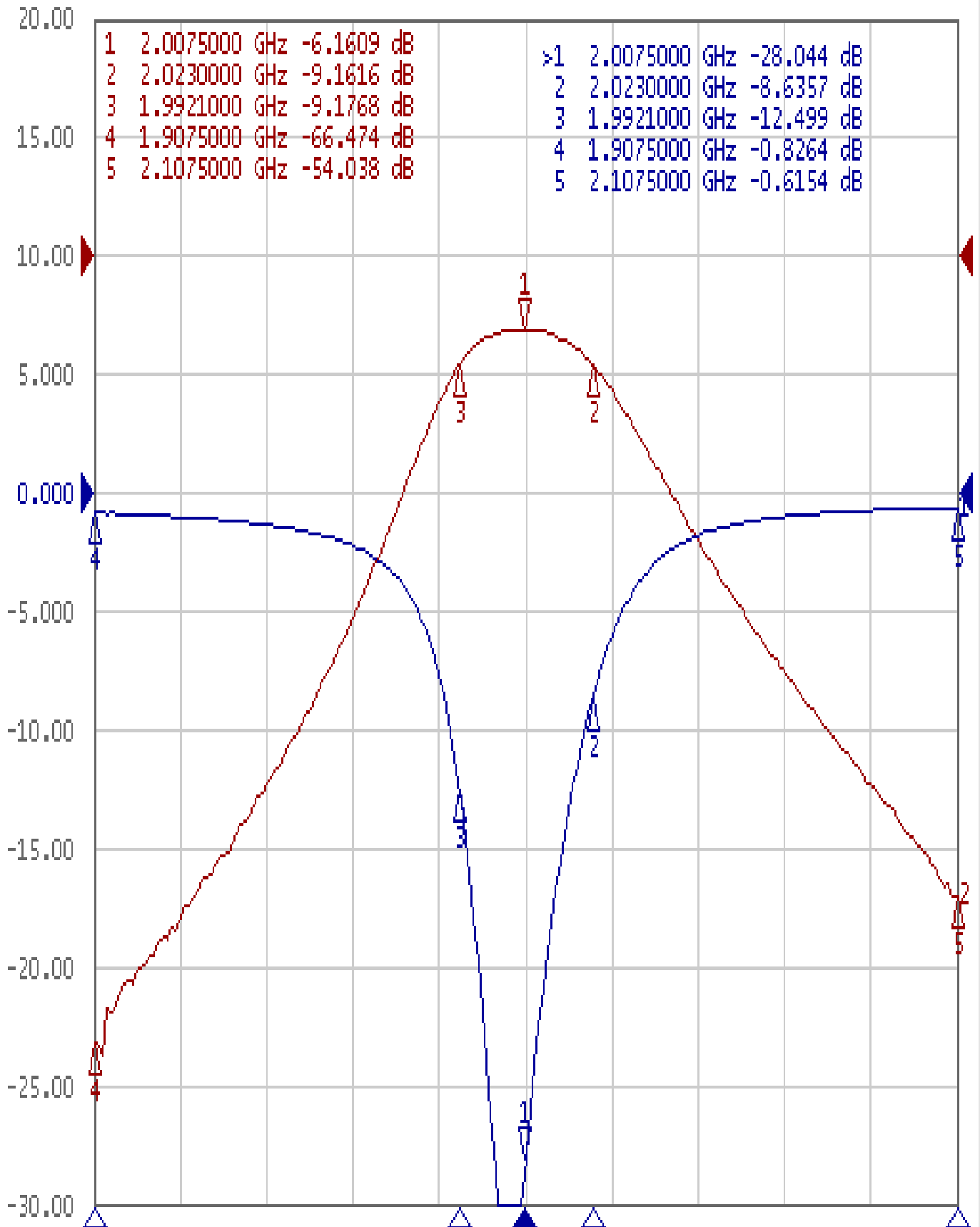
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	5W4S(3.8*3.5)(3.57) 5HW046RB3.2 (J1)
TEMWELL CORPORATION			

Performance-TFW4116B-2007.5M

201905085CD

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

Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 2.0075 GHz

IFBW 70 kHz

Span 200 MHz

Cor !