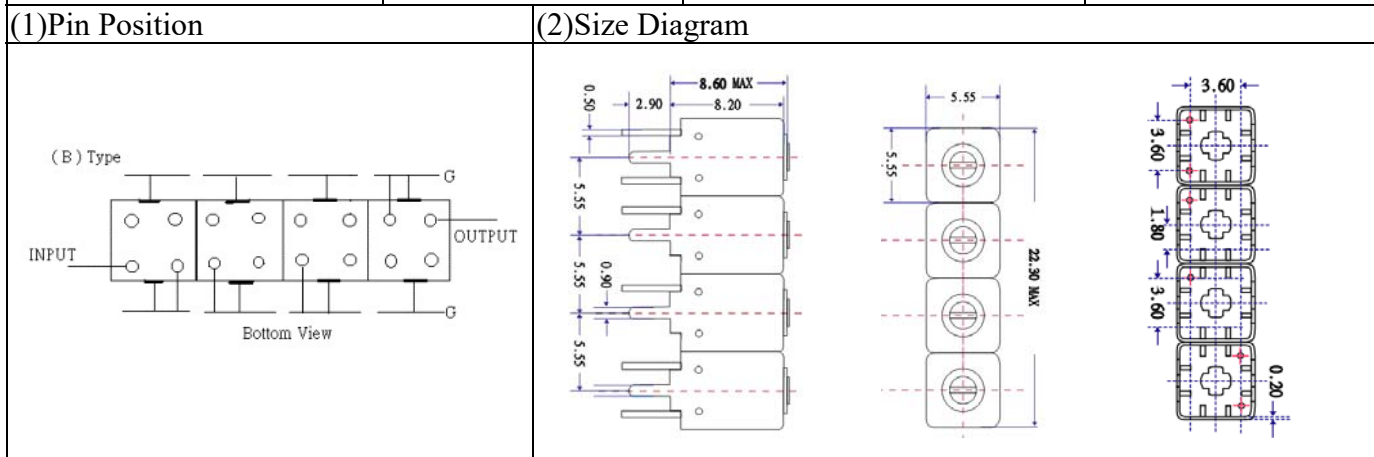


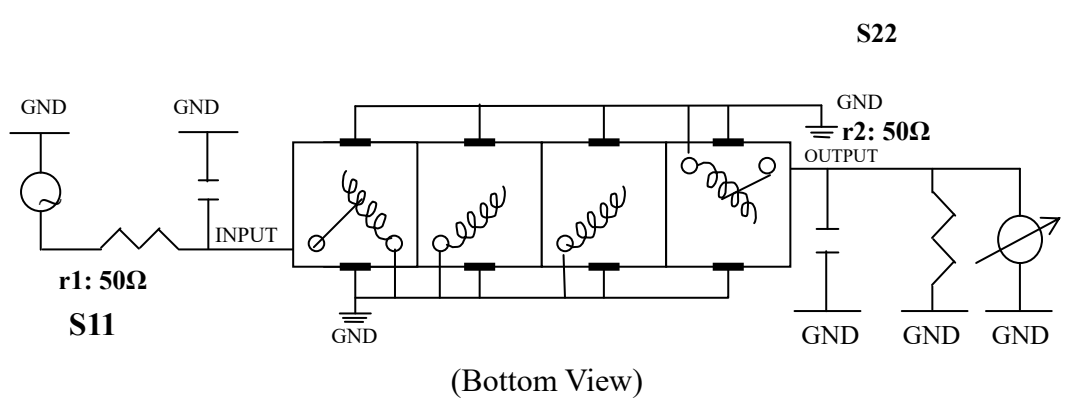
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41106B-1862.4M
Approval No. /dated	201905075CD	Temwell's Print name	41106B 1862.4M
Work Instruction No.	201905075CD	Date	Jun.10.2019



(3)Electric Charasteric			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	1862.4 MHz	1862.4 MHz	
Insertion Loss	Typ. 6.0 dB	4.38 dB	
-3 dB Bandwidth	Typ. 35 MHz	39.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 60 dBc	70 dBc
	Fo + 100 MHz	Typ. 44 dBc	49 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	32.4 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(- -).

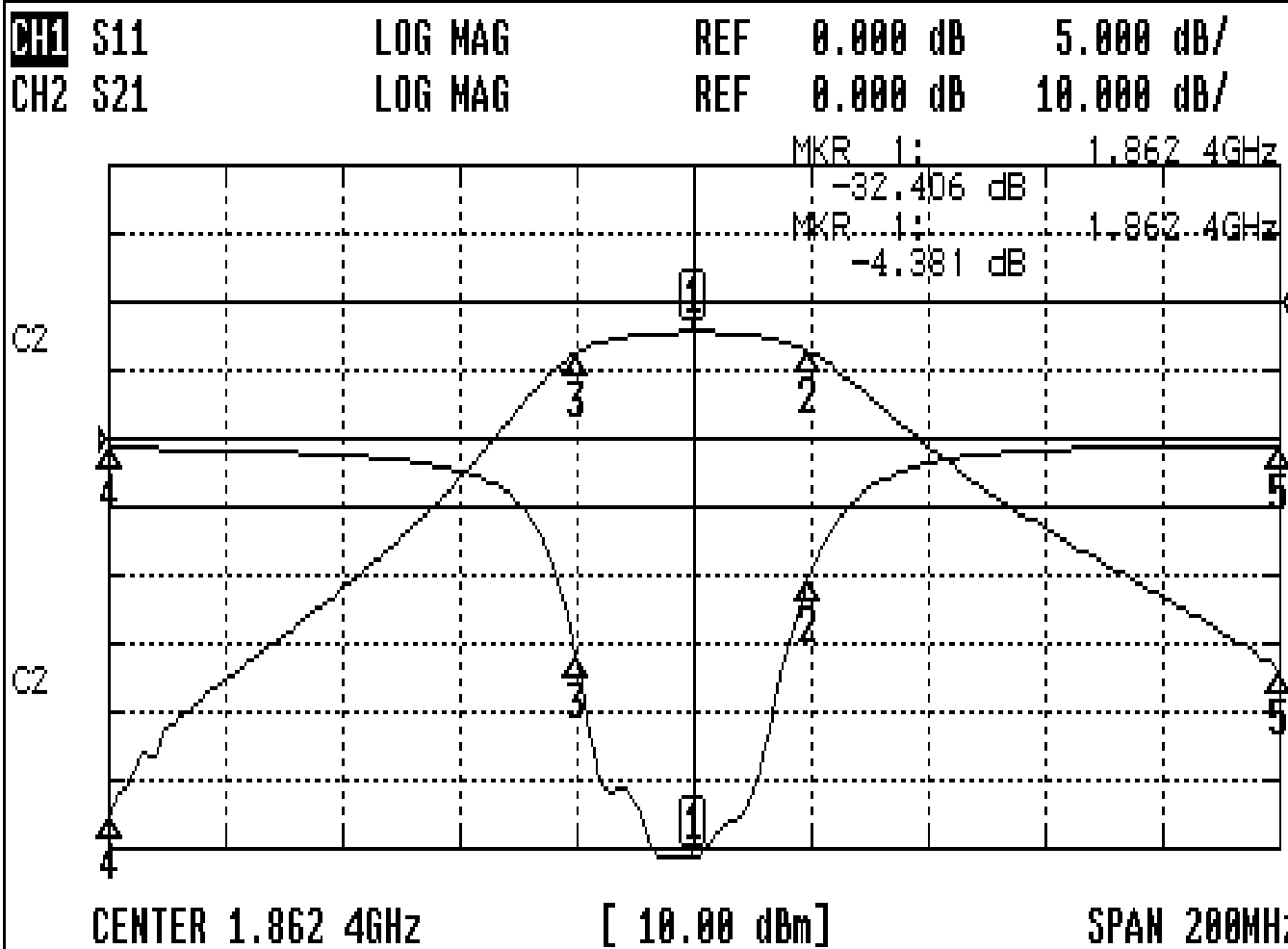


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Z.Y.Wang	5W4S(3.8*3.5)(3.56) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

Performance-TFW41106B-1862.4M

201905075CD



CH1 MARKER LIST

1:	1.862	400GHz	-32.406	dB
2:	1.882	300GHz	-10.128	dB
3:	1.842	350GHz	-15.641	dB
4:	1.762	400GHz	-0.676	dB
5:	1.962	400GHz	-0.479	dB

CH2 MARKER LIST

1:	1.862	400GHz	-4.383	dB
2:	1.882	300GHz	-7.383	dB
3:	1.842	350GHz	-7.385	dB
4:	1.762	400GHz	-74.413	dB
5:	1.962	400GHz	-53.520	dB