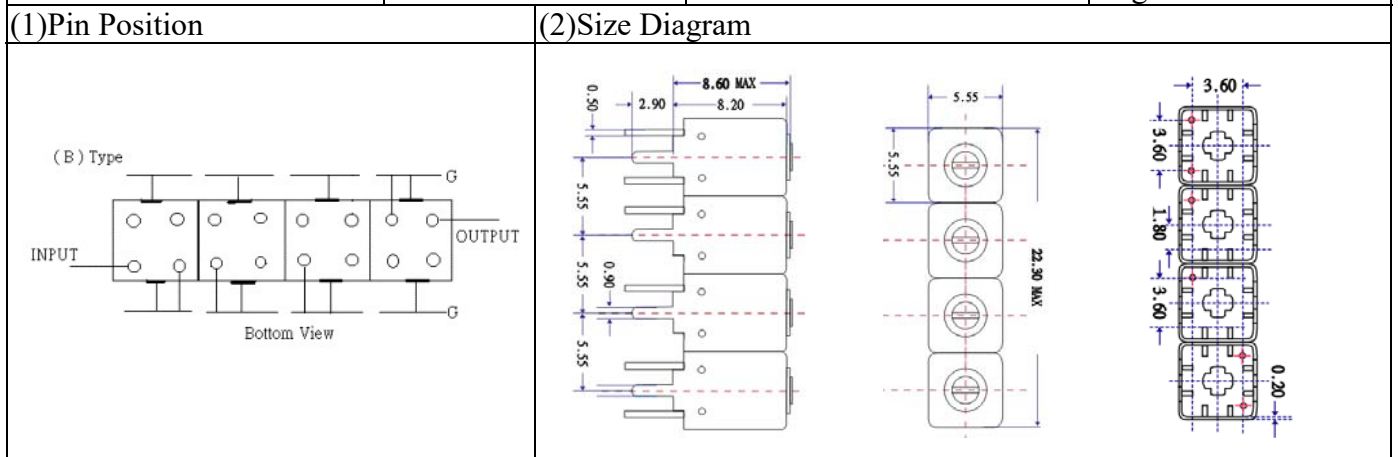


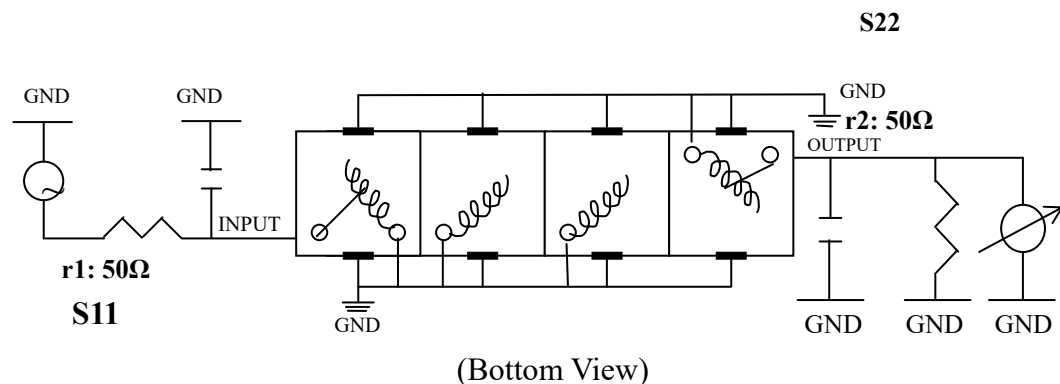
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41111B-1920M
Approval No. /dated	201905080CD	Temwell's Print name	41111B 1920M
Work Instruction No.	201905080CD	Date	Aug.13.2019



(3)Electric Charasteric			
Item		Specify	Performance
Center Freq.(Fo ) +/- 0.5 %		1920 MHz	1920 MHz
Insertion Loss		Typ. 8.0 dB	7.07 dB
-3 dB Bandwidth		Typ. 20 MHz	26.8 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 59 dBc	69 dBc
	Fo + 100 MHz	Typ. 47 dBc	56 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	25.9 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(- -).

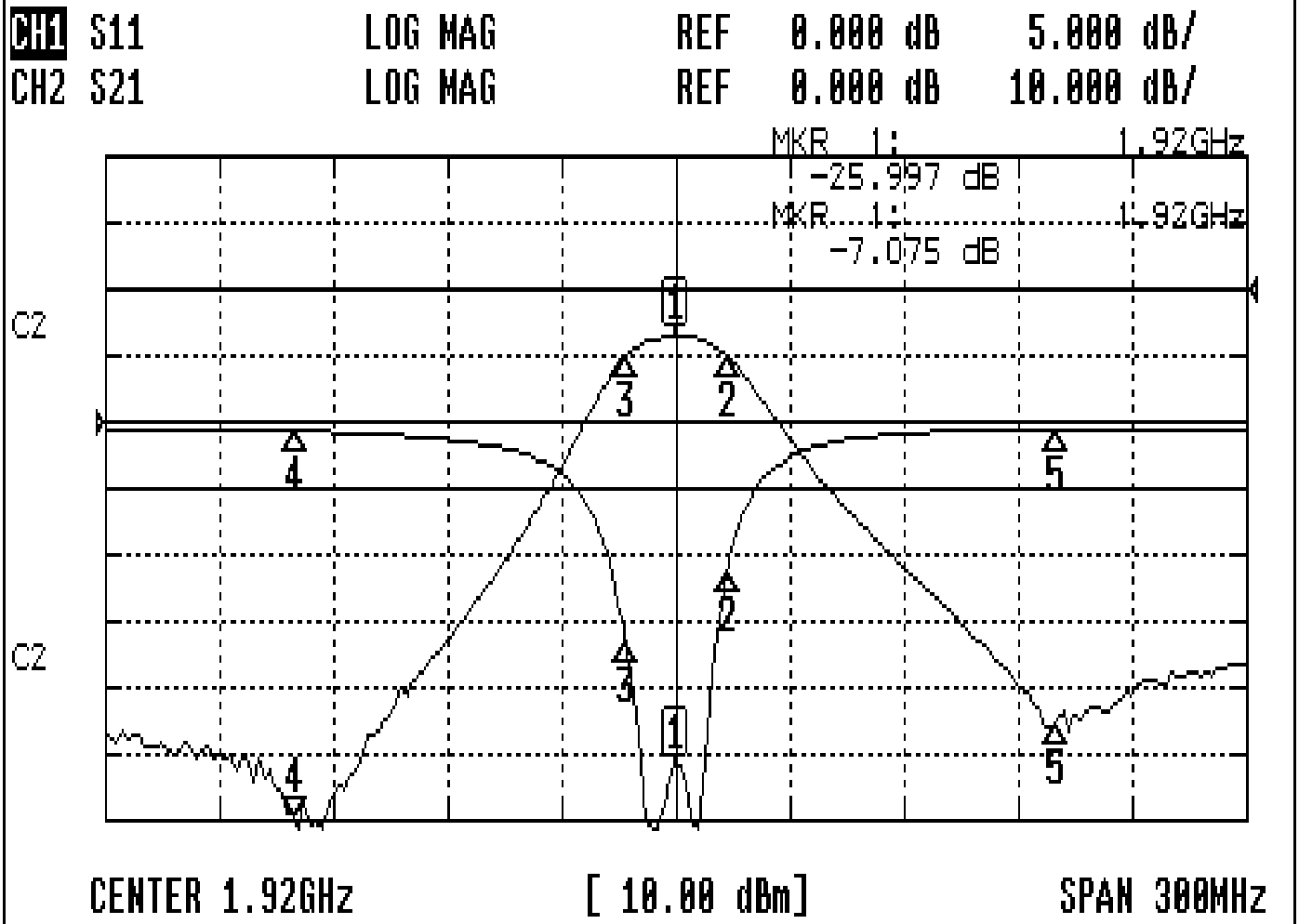


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.H.Yeh	5W4S(3.8*3.5)(3.57) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

# Performance-TFW4111B-1920M

## 201905080CD



### CH1 MARKER LIST

1	1.920	000GHz	-25.997	dB
2	1.933	750GHz	-11.089	dB
3	1.906	950GHz	-16.563	dB
4	1.820	000GHz	-0.656	dB
5	2.020	000GHz	-0.518	dB

### CH2 MARKER LIST

1	1.920	000GHz	-7.075	dB
2	1.933	750GHz	-10.097	dB
3	1.906	950GHz	-10.015	dB
4	1.820	000GHz	-76.449	dB
5	2.020	000GHz	-63.932	dB