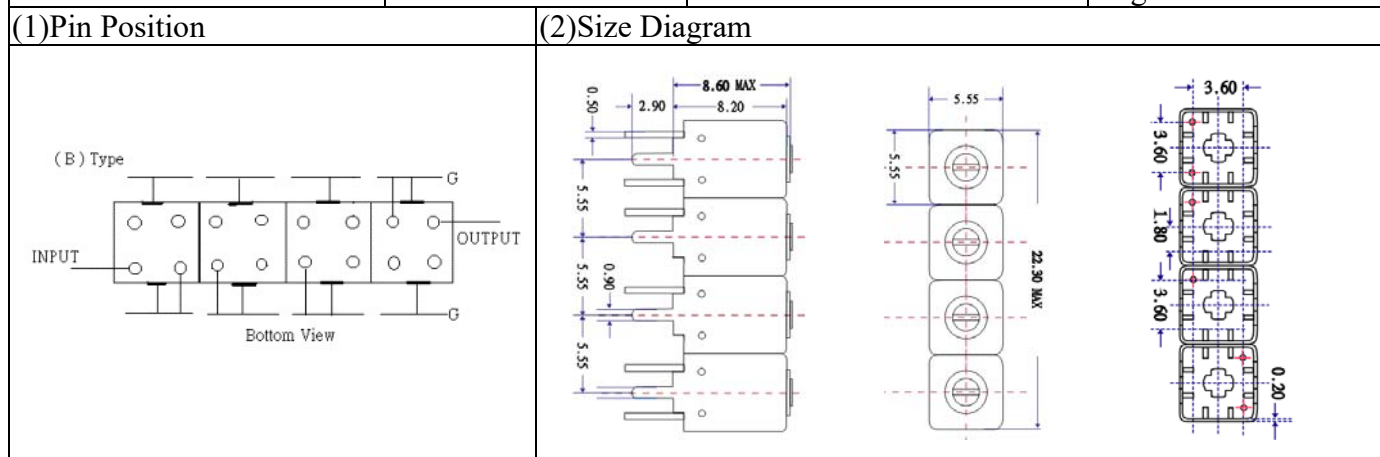


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41119B-2132.5M
Approval No. /dated	201905088CD	Temwell's Print name	41119B 2132.5M
Work Instruction No.	201905088CD	Date	Aug.21.2019



### (3)Electric Characteristic

Item	Specify	Performance
Center Freq.(Fo) +/- 0.5 %	2132.5 MHz	2132.5 MHz
Insertion Loss	Typ. 5.5 dB	4.36 dB
-3 dB Bandwidth	Typ. 45 MHz	51.5 MHz
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 47 dBc
	Fo + 100 MHz	Typ. 33 dBc
	Fo - ( )MHz	Typ. dBc
	Fo +( )MHz	Typ. dBc
Return Loss	Min. 12 dB	26.0 dB
Ripple	< 1 dB	dB
Impedance	In / Out : 50 Ω	In / Out : 50 Ω

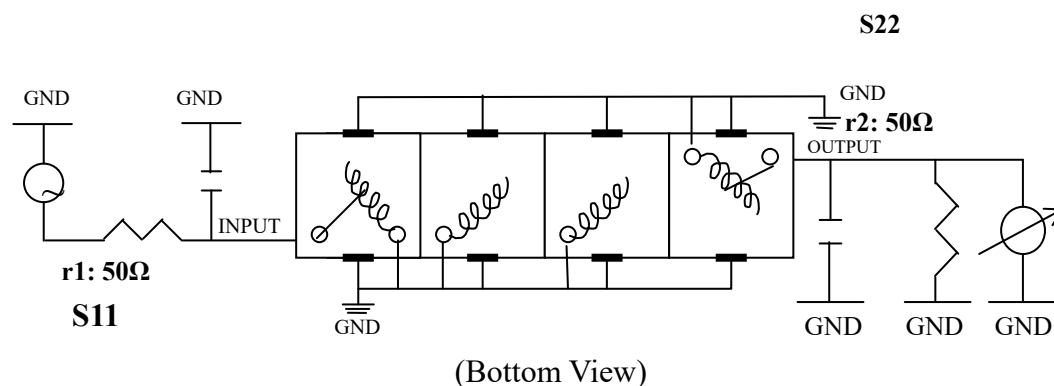
(4)Torque for Tuning Screw > 60gf • cm

(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	C.H.Yeh	5W4S(3.8*4.0)(4.08) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

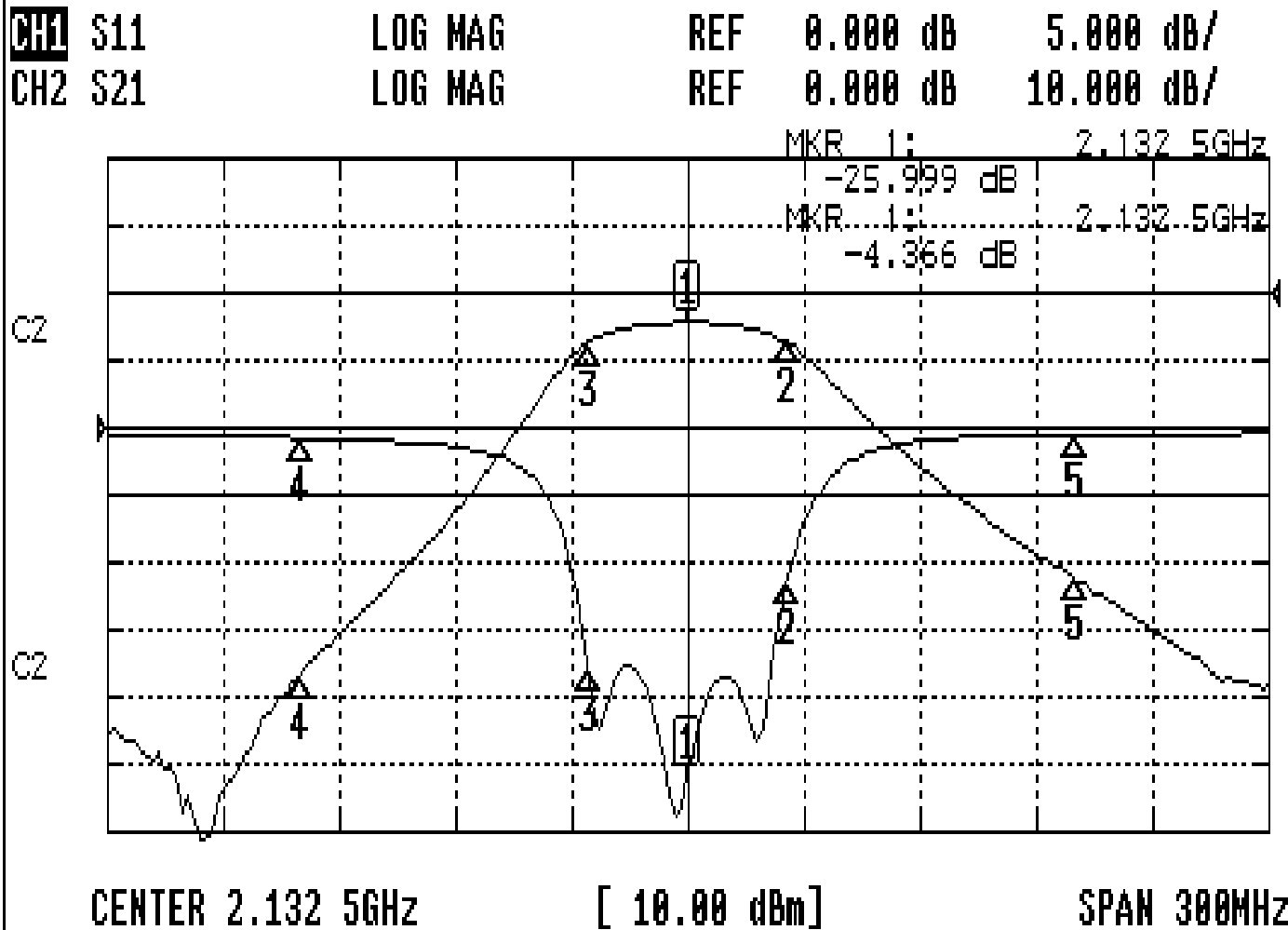
TEMWELL

Form10-5H4B Vision D

RP ( C.H.Y)

# Performance-TFW4119B-2132.5M

## 201905088CD



### CH1 MARKER LIST

1:	2.132	500GHz	-26.019	dB
2:	2.158	250GHz	-11.406	dB
3:	2.106	750GHz	-17.965	dB
4:	2.032	500GHz	-0.751	dB
5:	2.232	500GHz	-0.537	dB

### CH2 MARKER LIST

1:	2.132	500GHz	-4.366	dB
2:	2.158	250GHz	-7.388	dB
3:	2.106	750GHz	-7.366	dB
4:	2.032	500GHz	-56.581	dB
5:	2.232	500GHz	-42.344	dB