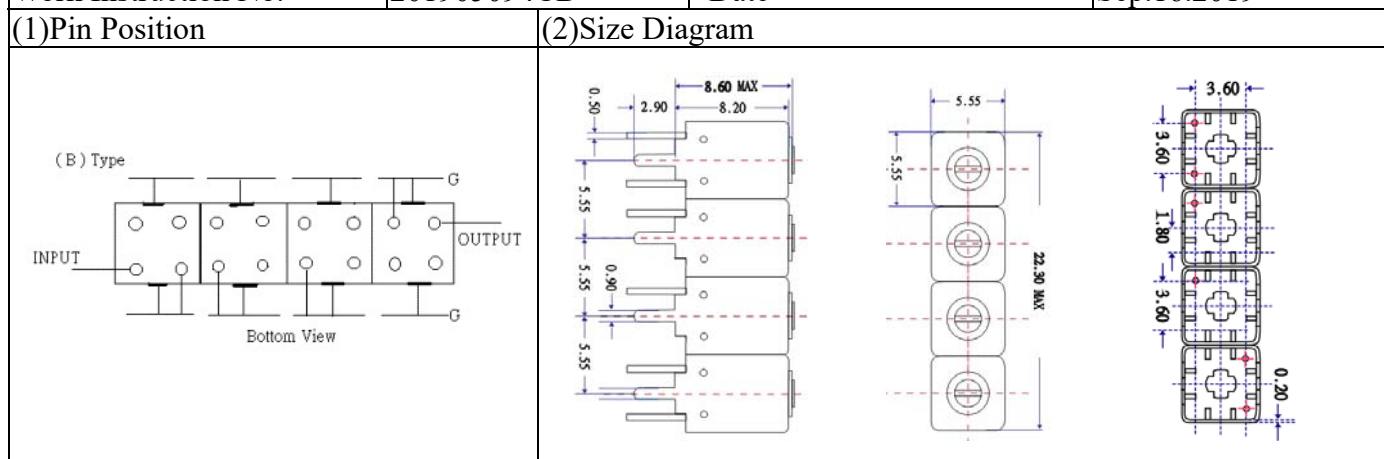


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TFW41125B-2657M
Approval No. /dated	201905094CD	Temwell's Print name	41125B 2657M
Work Instruction No.	201905094CD	Date	Sep.16.2019



### (3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	2657 MHz	2657 MHz	
Insertion Loss	Typ. 5.5 dB	4.41 dB	
-3 dB Bandwidth	Typ. 66 MHz	71.1 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc	37 dBc
	Fo + 100 MHz	Typ. 20 dBc	25 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	32.7 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	
(4) Torque for Tuning Screw	> 60gf · cm		

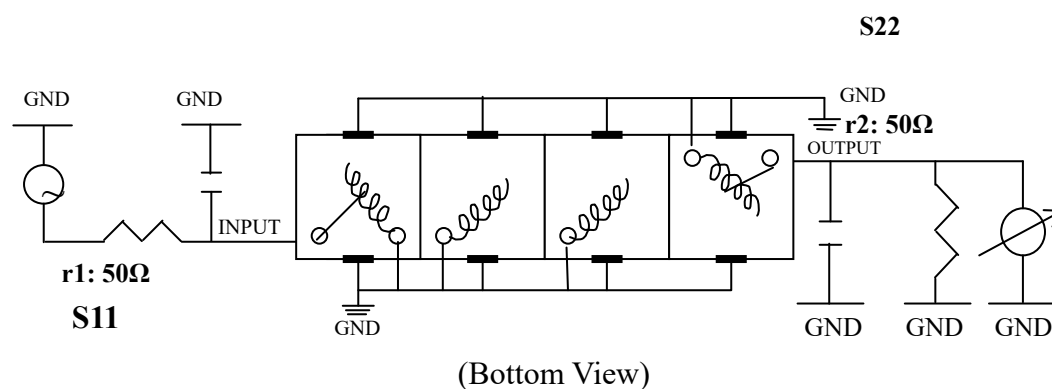
### (5) Temperature Condition:

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 C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 5W4S(3.8*4.0)(4.07) 5HW046RB3.2 (J1)
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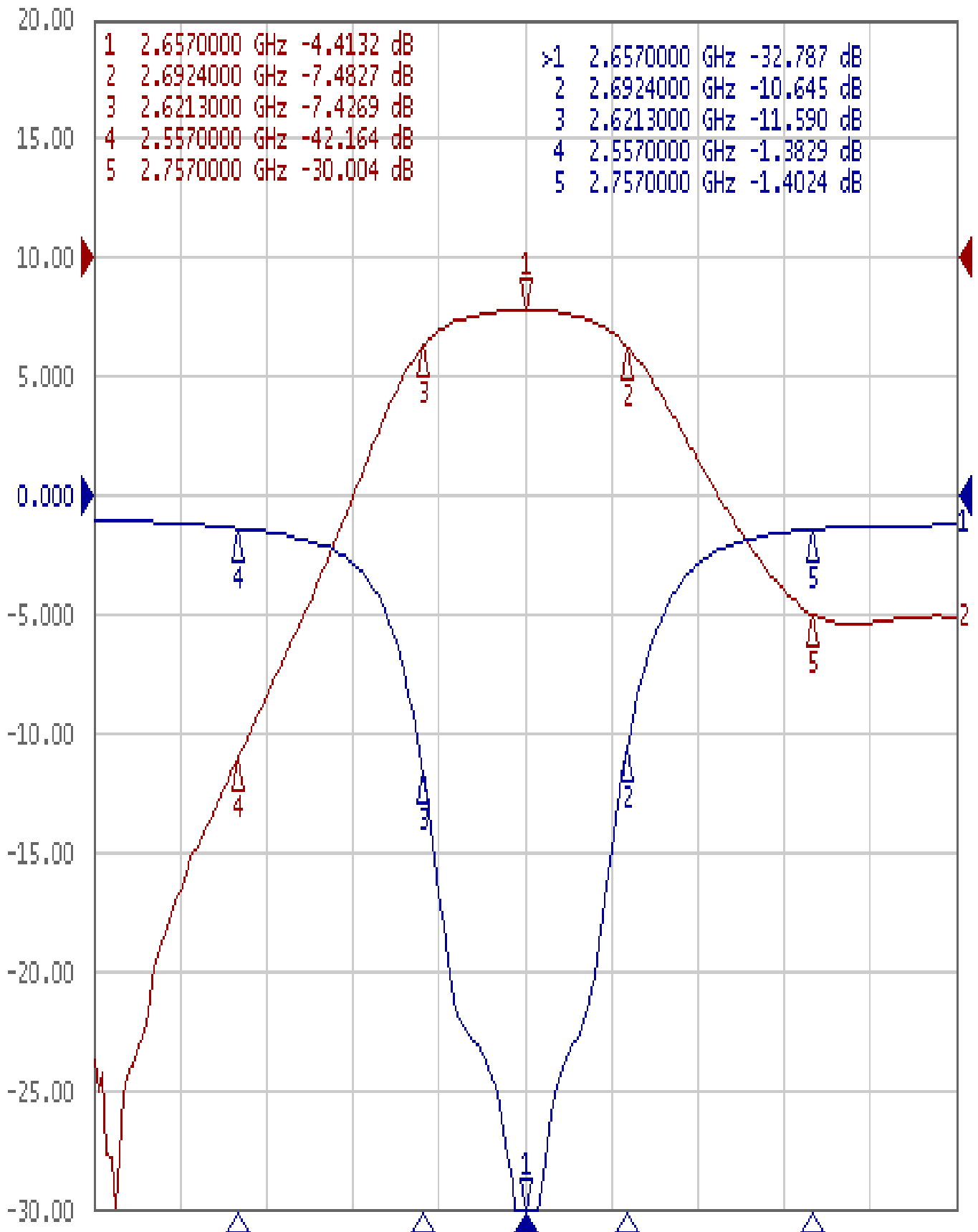
Form10-5H4B Vision D

RP ( W.W.W)

# Performance-TFW41125B-2657M

## 201905094CD

▶ Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.000dB/ Ref 0.000dB [F2]



1 Center 2.657 GHz IFBW 70 kHz Span 300 MHz Cor !