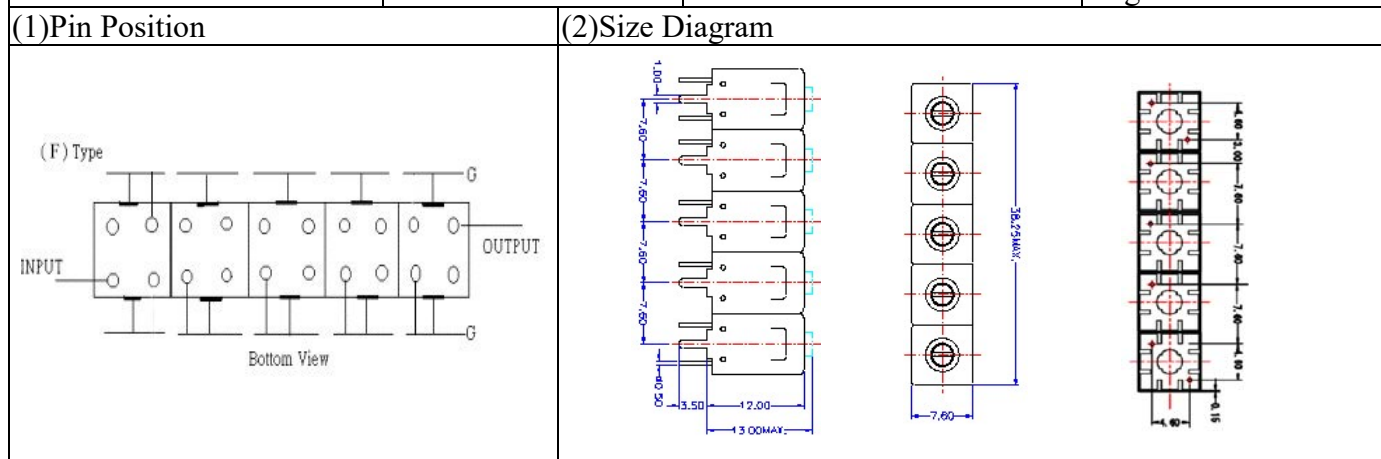


# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TV65331F-666M
Approval No. /dated		Temwell's Print Name.	65331F 666M
Work Instruction No.	202008011CD	Date	Aug.20.2020



### (3) Electric Character

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	666 MHz	666 MHz	
Insertion Loss	Typ. 2.5 dB	1.24 dB	
-3 dB Bandwidth	Typ. 105 MHz	108.4 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 38 dBc	43 dBc
	Fo + 100 MHz	Typ. 23 dBc	28 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	25.0 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

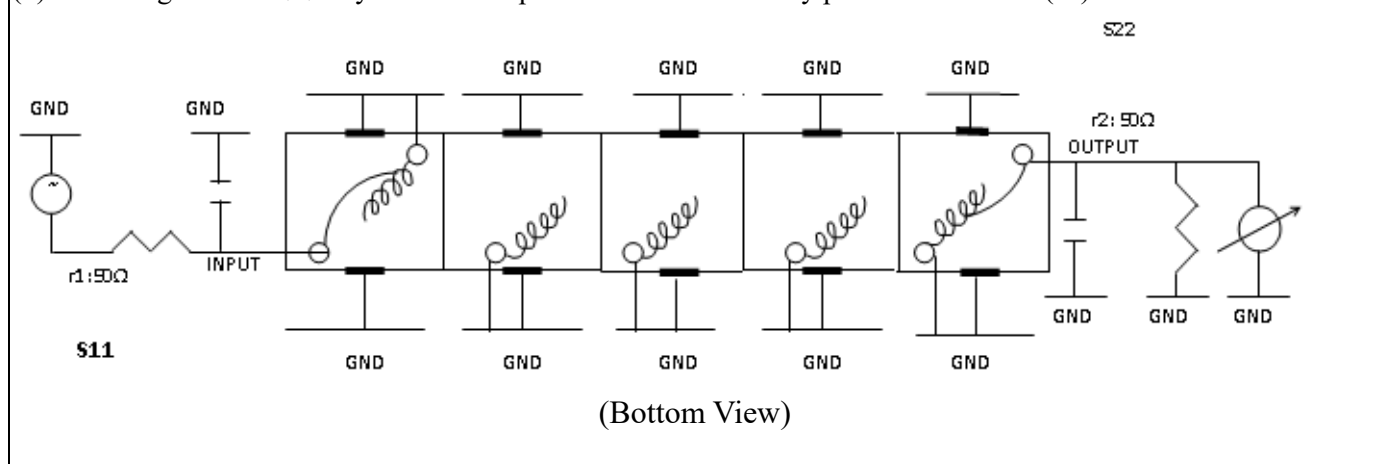
(4) Torque for Tuning Screw > 60gf · cm

(5) Temperature Condition:

Operating Temperature	0°C ~ +60°C
Storage Temperature	-20°C ~ +70°C

(6) Input Power > 1Watt

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about(- -).



Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	7H5S(4*8.0)(8.02) 7H046RB6.5

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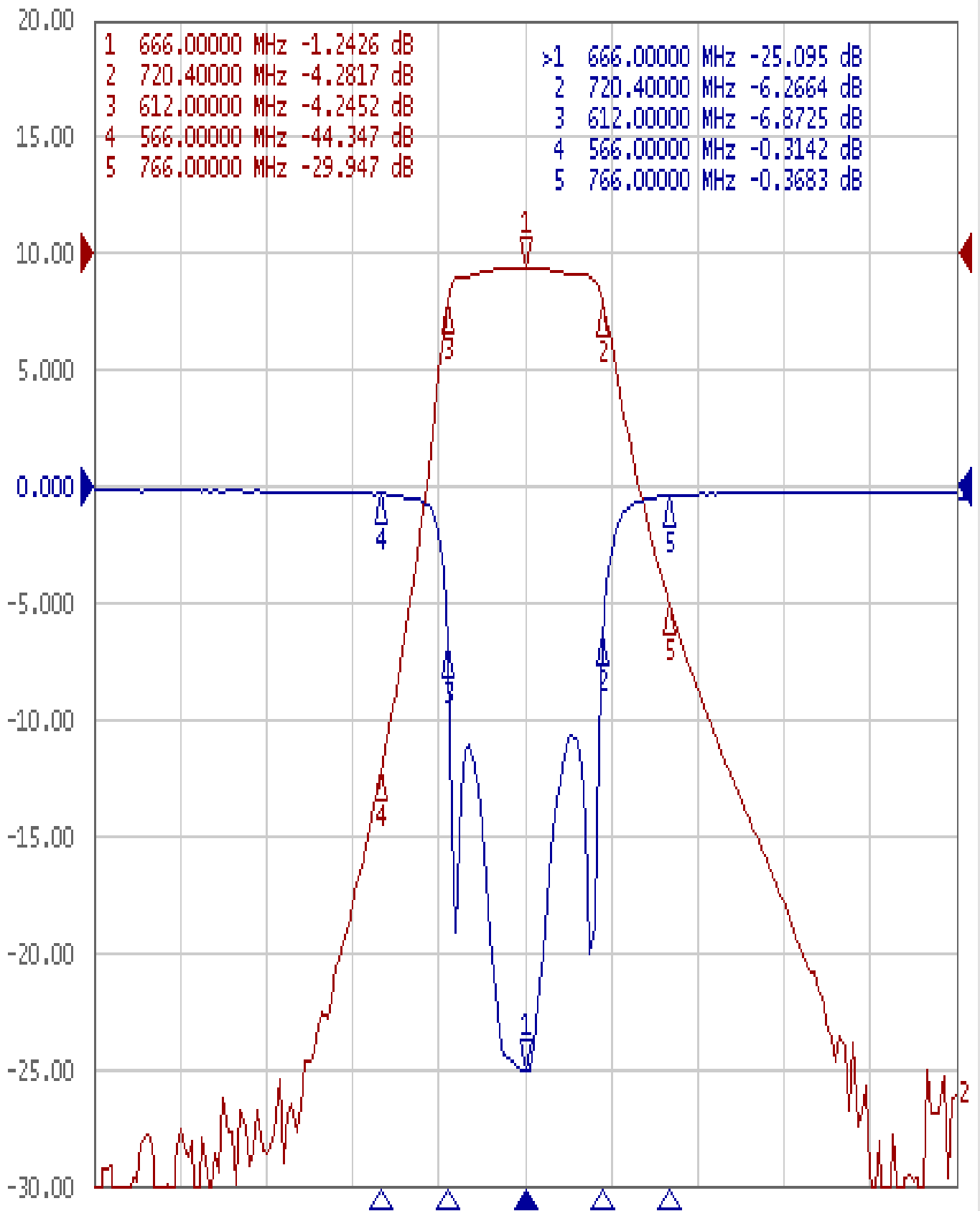
Form10-7H5F Vision D

RP(W.H.W)

# Performance-TV65331F-666M

## 202008011CD

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F2]  
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F2]



1 Center 666 MHz IFBW 70 kHz Span 600 MHz Cor !