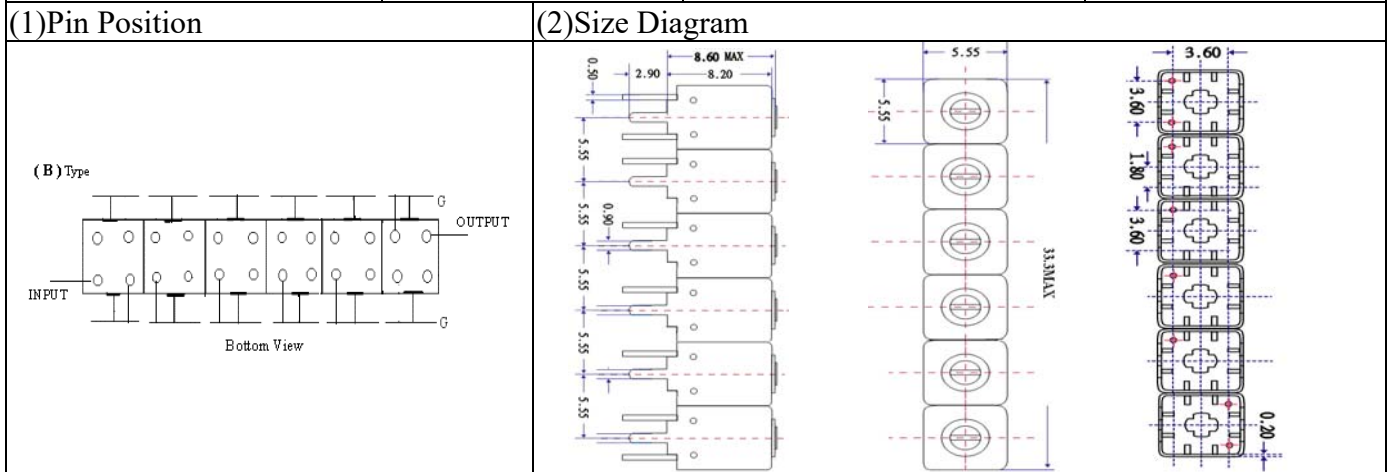


# VHF UHF Helical Filter Specification Sheet

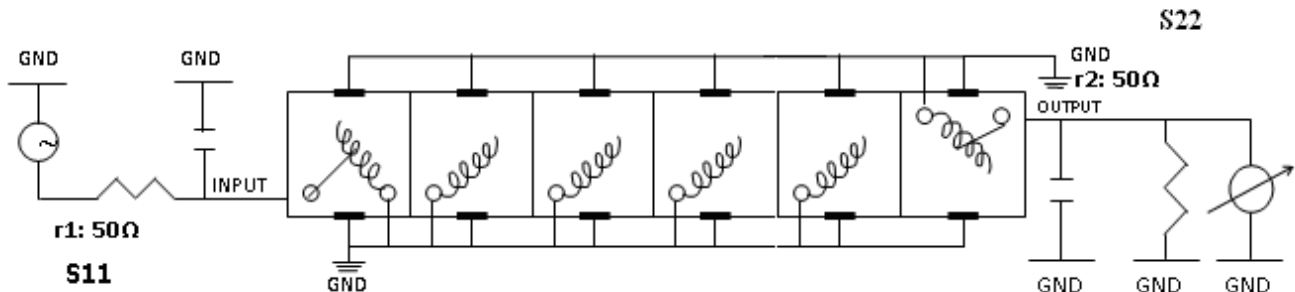
Customer Name		Temwell's Part No.	TSW6413-1962.5M
Approval No. /dated		Temwell's Print name.	6413B 1962.5M
Work Instruction No.	201911106CD	Date	Jun.10.2019



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		1962.5 MHz		1962.5 MHz	
Insertion Loss		Typ. 6.0 dB		4.51 dB	
-3 dB Bandwidth		Typ. 65 MHz		73.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 56 dBc		66 dBc	
	Fo +100 MHz	Typ. 42 dBc		47 dBc	
	Fo - ( )MHz	Typ. dBc		dBc	
	Fo +( )MHz	Typ. dBc		dBc	
Return Loss		Min. 12 dB		24.6 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(- -).



(Bottom View)

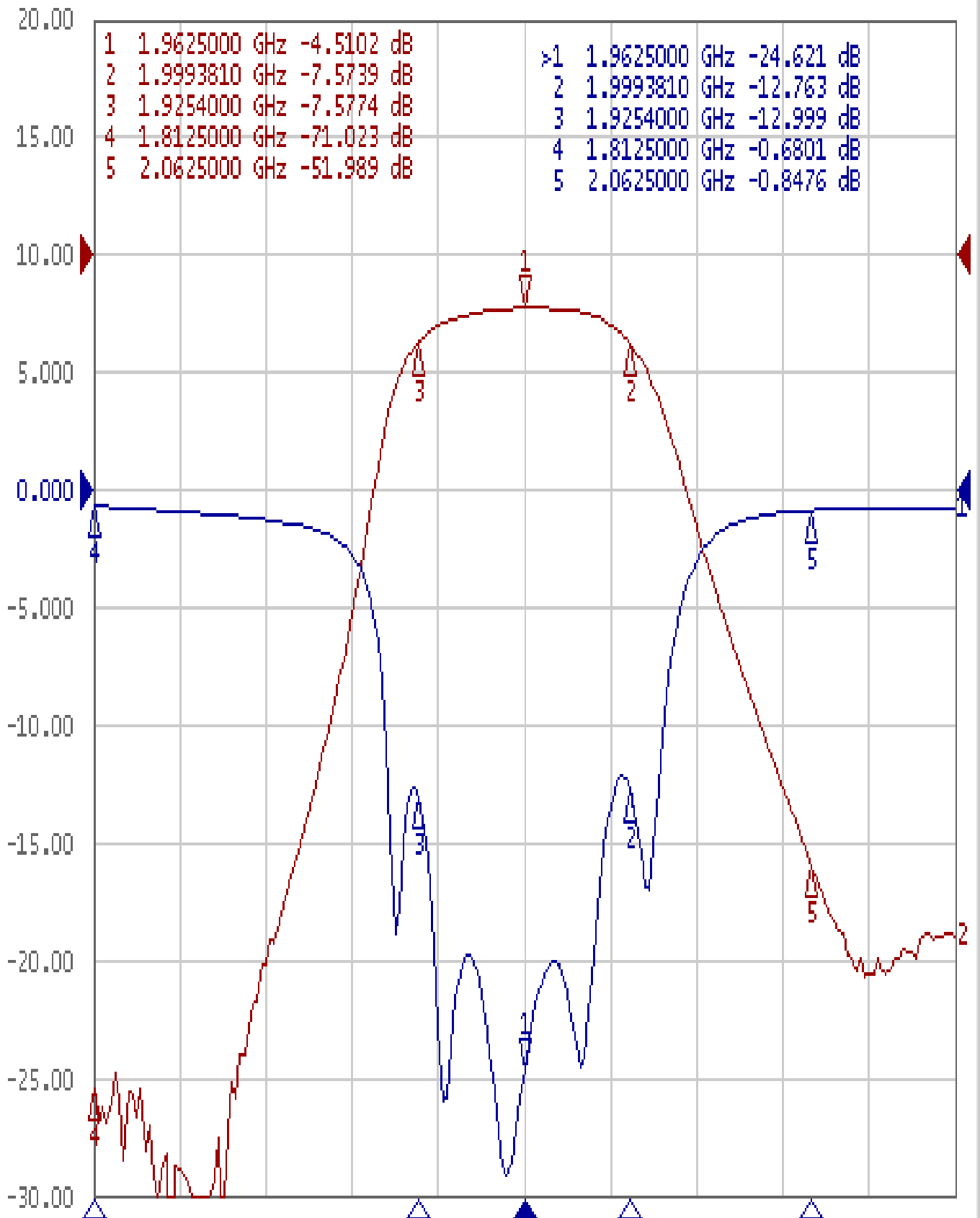
Approval	Supervisor	Designer	Aperture size
C.C.Chang	C.K.Chang	W.H.Wang	5W6S(3.8*4.5)(4.54) 5HW046RB3.2 (J1)

TEMWELL CORPORATION

# Performance-TSW6413B-1962.5M

## 201911106CD

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



1 Center 1.9625 GHz

IFBW 70 kHz

Span 300 MHz

Cor !