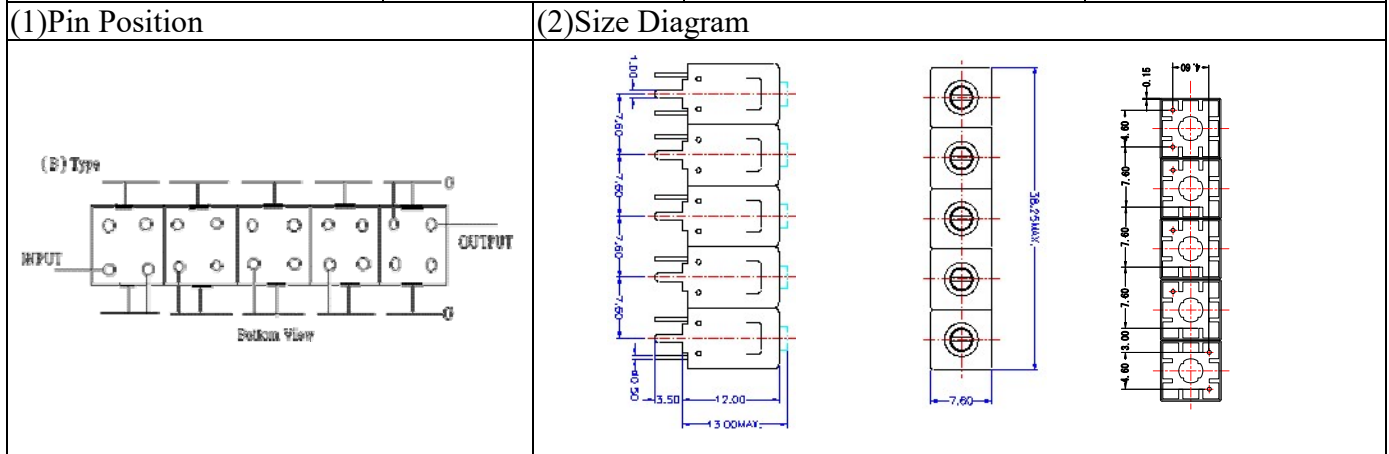


# VHF UHF Helical Filter Specification Sheet

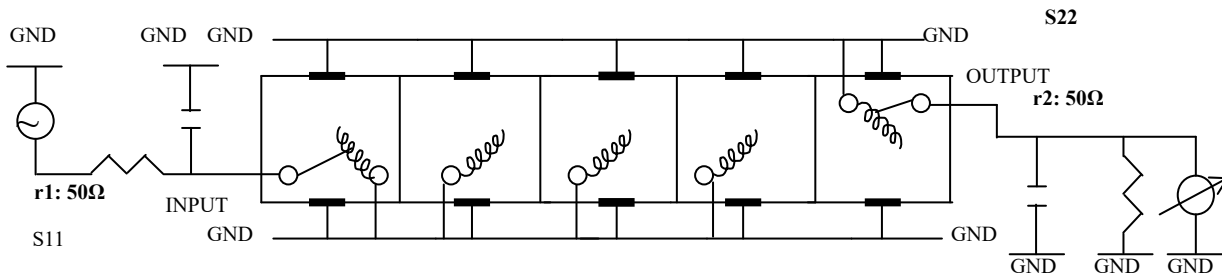
Customer Name		Temwell's Part No.	TV70607B-435M
Approval No. /dated		Temwell's Print name.	70607B 435M
Work Instruction No.	202008045CD	Date	Nov.04.2020



## (3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	435 MHz	435 MHz	
Insertion Loss	Typ. 2.0 dB	1.24 dB	
-3 dB Bandwidth	Typ. 68 MHz	70.3 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 65 dBc	75 dBc
	Fo + 100 MHz	Typ. 40 dBc	45 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo +( )MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	16.2 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(- -).



(Bottom View)

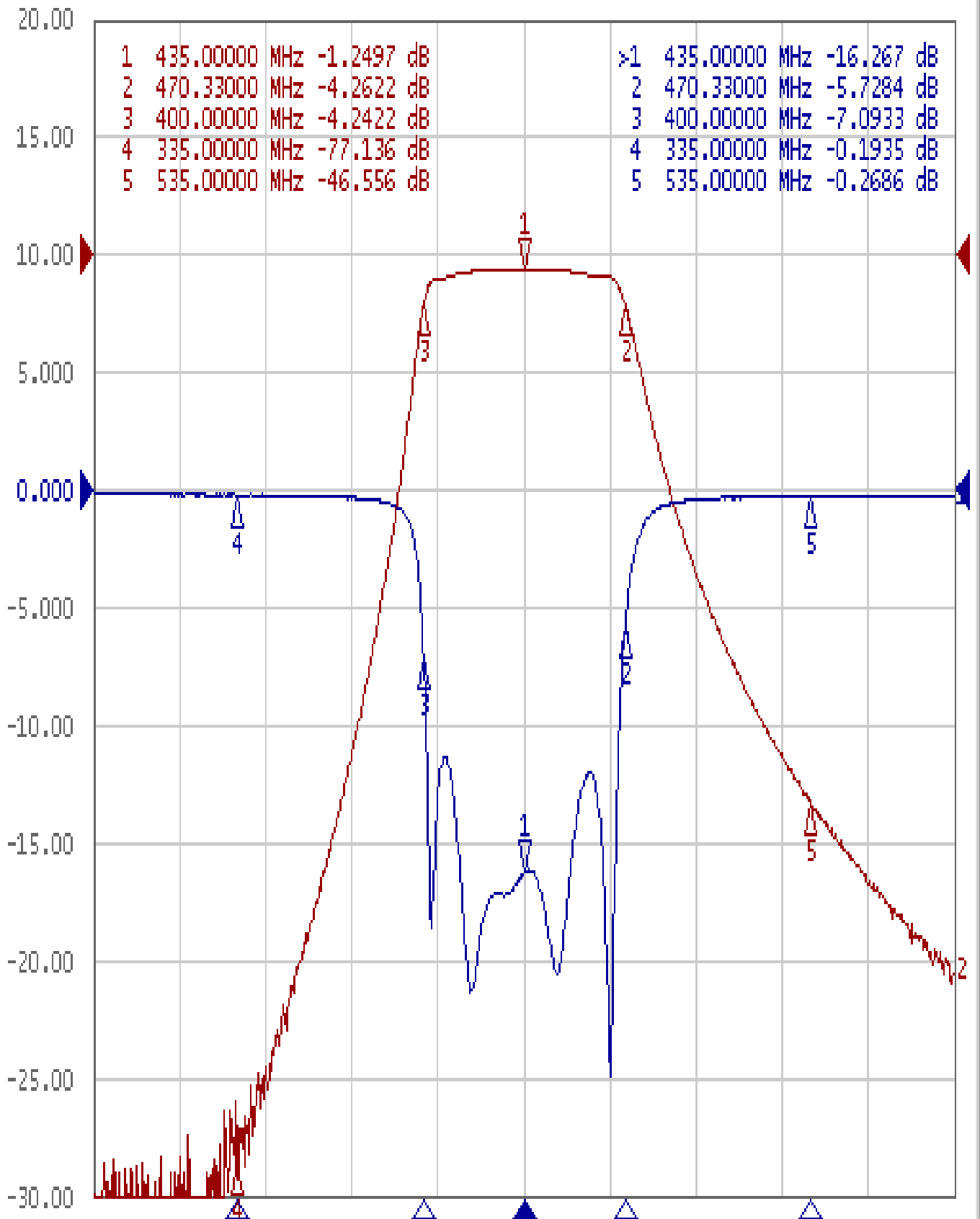
Approval C.C.Chang	Supervisor C.K.Chang	Designer Z.Y.Wang	Aperture size 7H5S(4*8.0)(8.03) 7H046LB5.5
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TEMWELL CORPORATION

# Performance-TV70607B-435M

## 202008045CD

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



1 Center 435 MHz

IFBW 70 kHz

Span 300 MHz Cor !