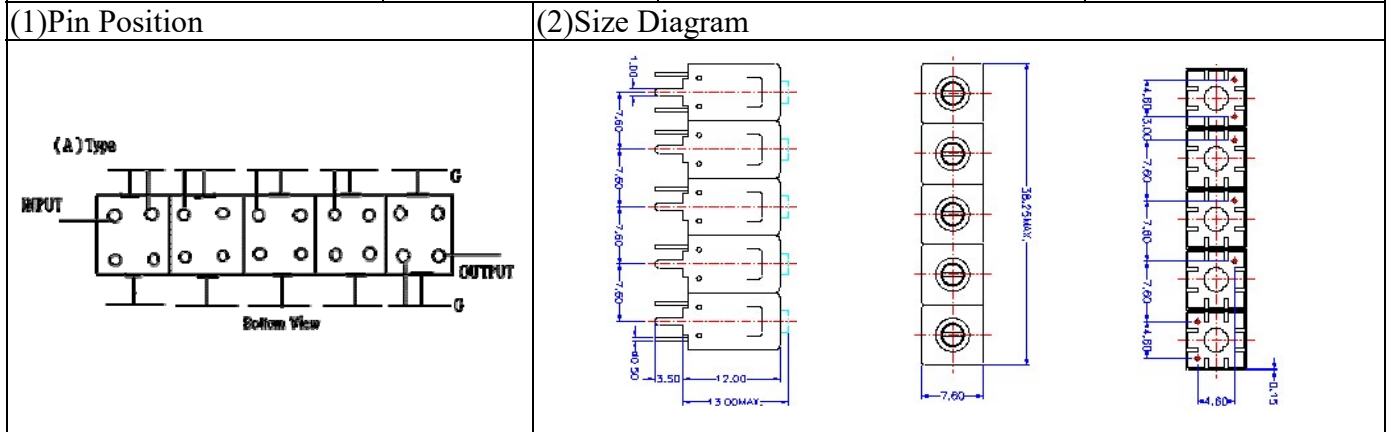


VHF UHF Helical Filter Specification Sheet

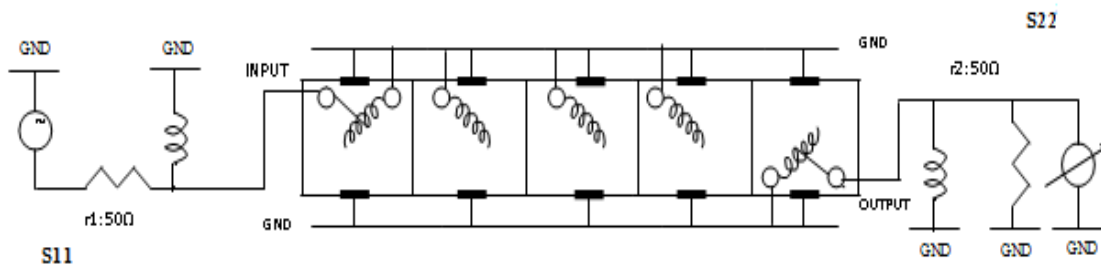
Customer Name		Temwell's Part No.	TV6563A-847M
Approval No. /dated	201912017CD	Temwell's Print name.	6563A 847M
Work Instruction No.	201912017CD	Date	Jan.24.2020



(3) Electric Character			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	847 MHz	847 MHz	
Insertion Loss	Typ. 4.0 dB	3.06 dB	
-3 dB Bandwidth	Typ. 30 MHz	33.1 MHz	
Sensitivity (Attenuation)	Fo- 50 MHz	Typ. 50 dBc	60 dBc
	Fo+ 50 MHz	Typ. 37 dBc	42 dBc
	Fo- MHz	Typ. dBc	dBc
	Fo+ MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	30.5 dB	
Ripple	< 1 dB	1 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)

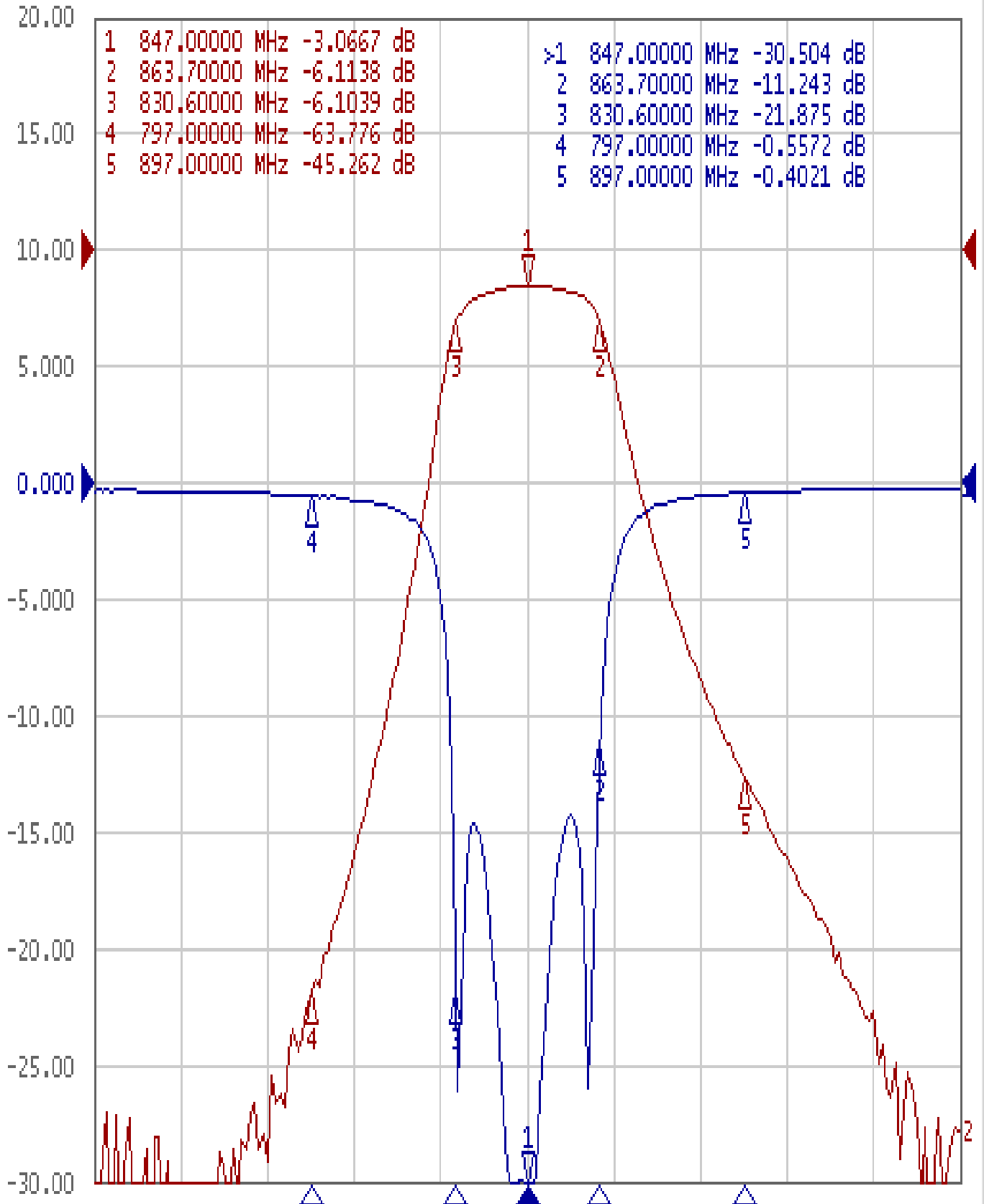
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	7H5S(4*6.8)(6.82) 7H046LB5(左) 7H046LB4.3 聚 3(中)
TEMWELL CORPORATION			

Performance- TV6563A-847M

201912017CD

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

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



1 Center 847 MHz

IFBW 70 kHz

Span 200 MHz Cor