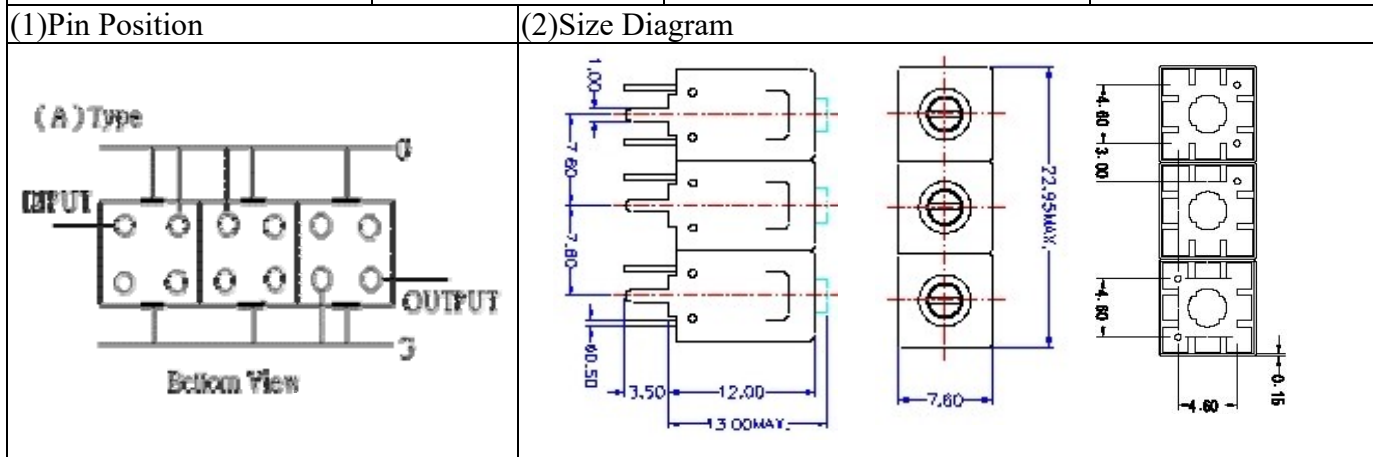
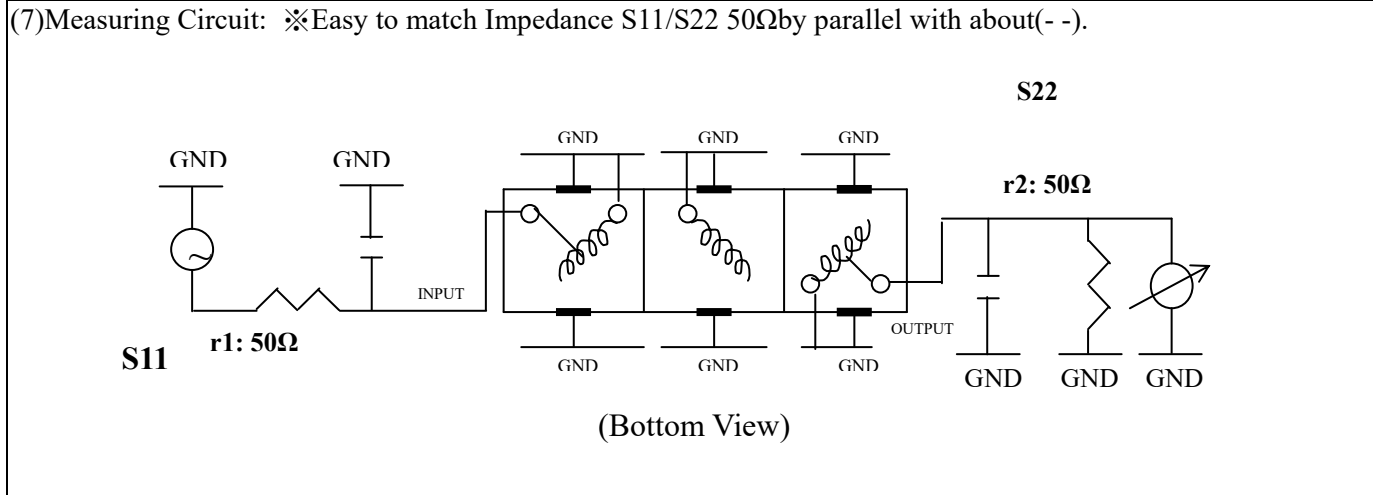


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT63813A-793M
Approval No. /dated	201810026CD	Temwell's print name	63813A 793M
Work Instruction No.	201810026CD	Date	Nov.30.2018



(3) Electric Characteristic			
Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	793 MHz	793 MHz	
Insertion Loss	Typ. 2.5 dB	1.30 dB	
-3 dB Bandwidth	Typ. 60 MHz	62.9 MHz	
Sensitivity (Attenuation)	Fo - 100 MHz	Typ. 32 dBc	37 dBc
	Fo + 100 MHz	Typ. 16 dBc	21 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	49.4 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		

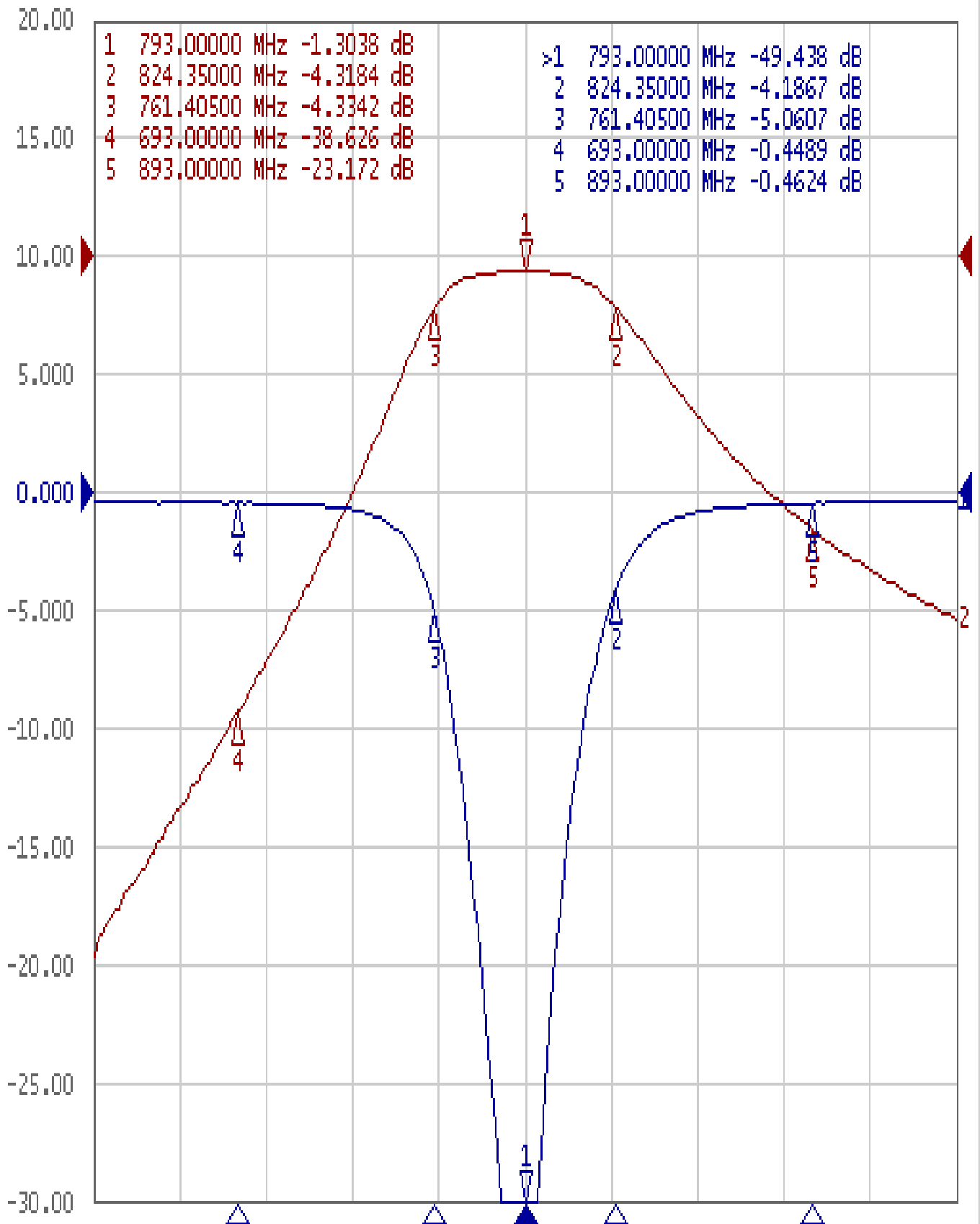


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	7H3S(4*8.0)(8.02) 7H046LB5.5 7H046LB5

Performance-TT63813A-793M

201810026CD

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



1 Center 793 MHz

IFBW 70 kHz

Span 300 MHz Cor !