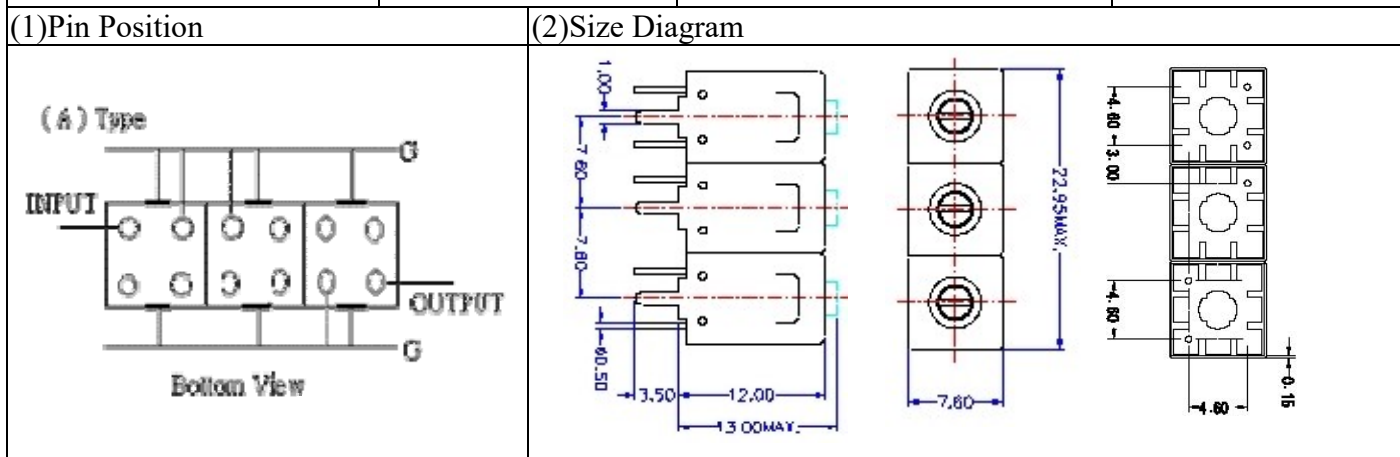


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TT63836A-492.4M
Approval No. /dated	201811021CD	Temwell's print name	63836A 492.4M
Work Instruction No.	201811021CD	Date	Dec.06.2018



(3) Electric Characteristic

Item	Specify	Performance	
Center Freq.(Fo) +/- 0.5 %	492.4 MHz	492.4 MHz	
Insertion Loss	Typ. 5.0 dB	4.10 dB	
-3 dB Bandwidth	Typ. 7 MHz	9.0 MHz	
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 53 dBc	58 dBc
	Fo + 50 MHz	Typ. 41 dBc	46 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss	Min. 12 dB	29.3 dB	
Ripple	< 1 dB	dB	
Impedance	In / Out : 50 Ω	In / Out : 50 Ω	

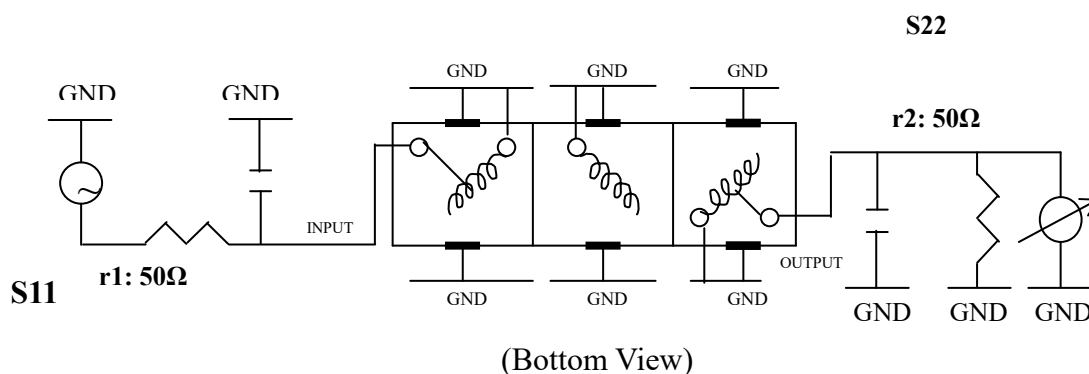
(4) Torque for Tuning Screw > 60gf · cm

(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(- -).

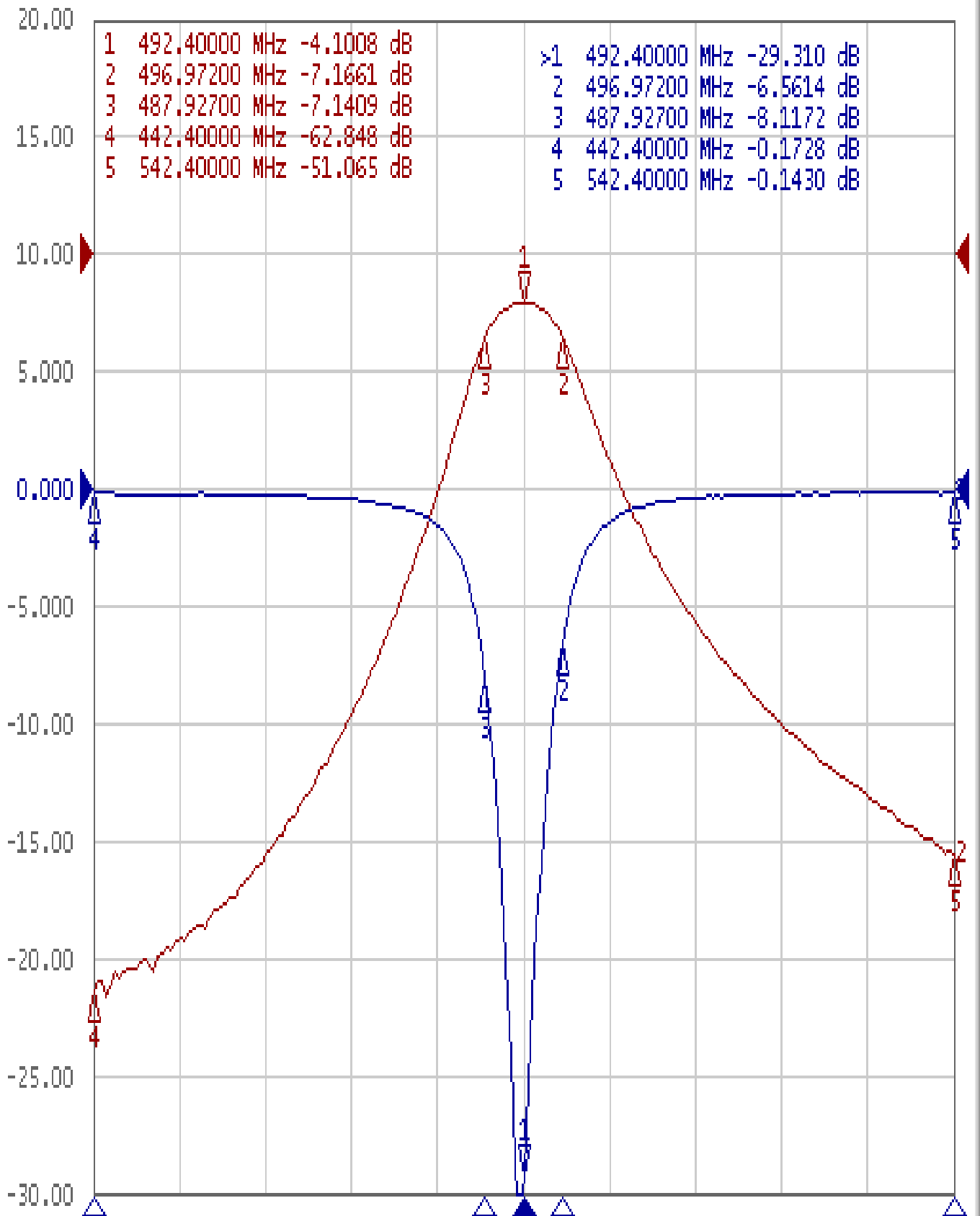


Approval C.Y.Chang	Supervisor C.K.Chang	Designer W.W.Wang	Aperture size 7H3S(4*4.65)(4.68) 7H046LB4.3 聚 3
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Performance-TT63836A-492.4M

201811021CD

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



1 Center 492.4 MHz

IFBW 70 kHz

Span 100 MHz Cor !