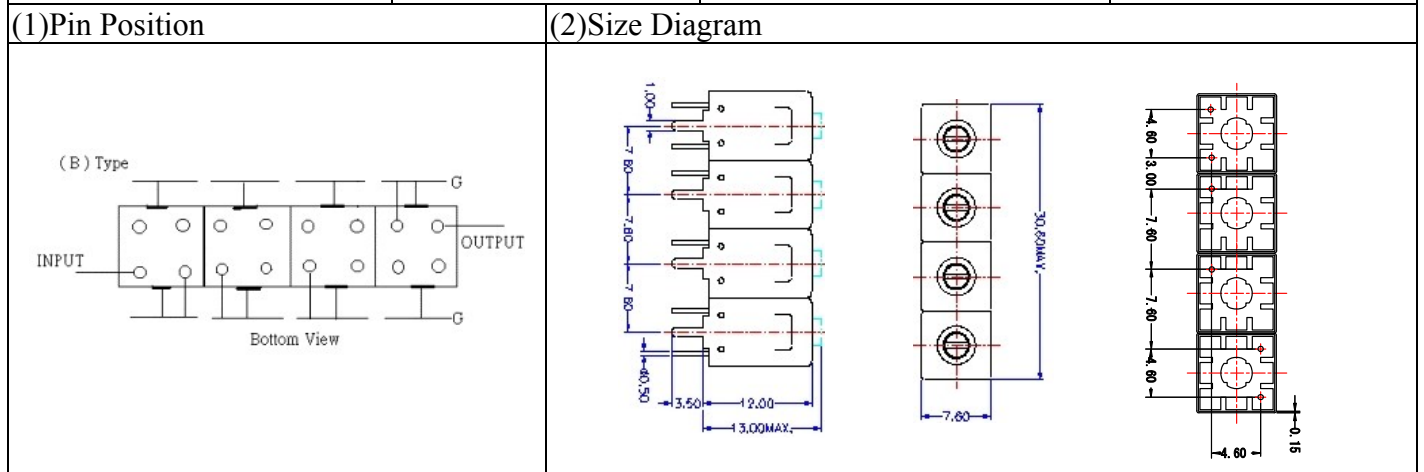


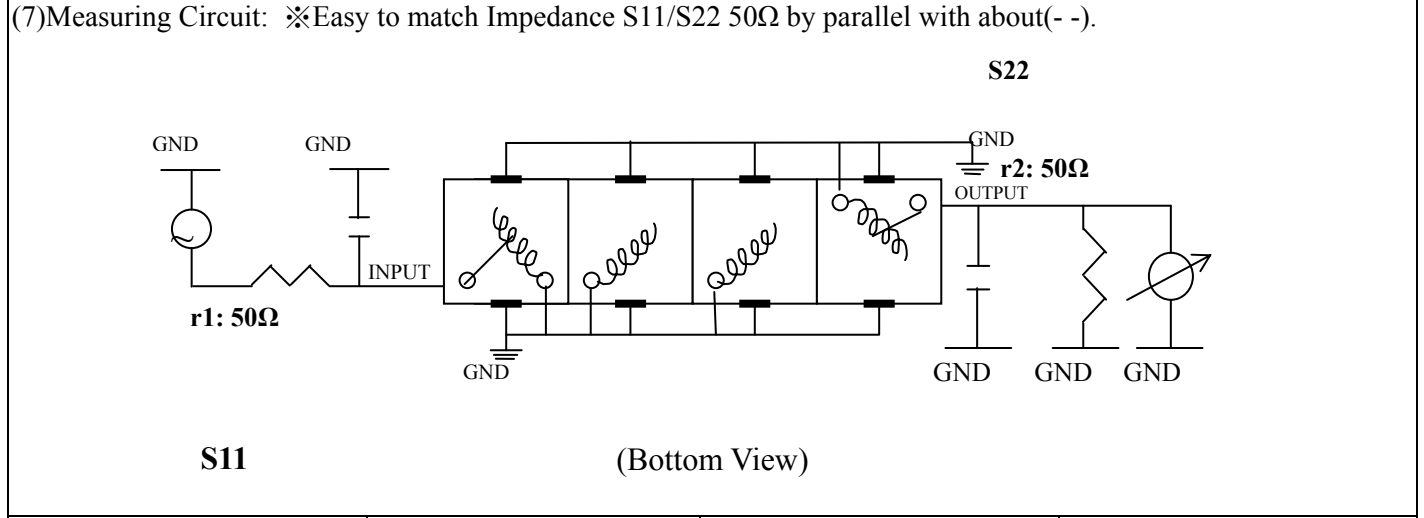
VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF69278B-418M
Approval No. /dated	201702042CD	Temwell's Print Name	69278B 418M
Work Instruction No.	201702042CD	Date	Jun.20.2017



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		418	MHz	418	MHz
Insertion Loss		Typ. 4.5	dB	3.04	dB
-3 dB Bandwidth		Typ. 8	MHz	14.3	MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 69	dBc	79	dBc
	Fo + 50 MHz	Typ. 51	dBc	56	dBc
	Fo - ()MHz	Typ.	dBc		dBc
	Fo + ()MHz	Typ.	dBc		dBc
Return Loss		Min. 12	dB	23.0	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	> 1 Watt

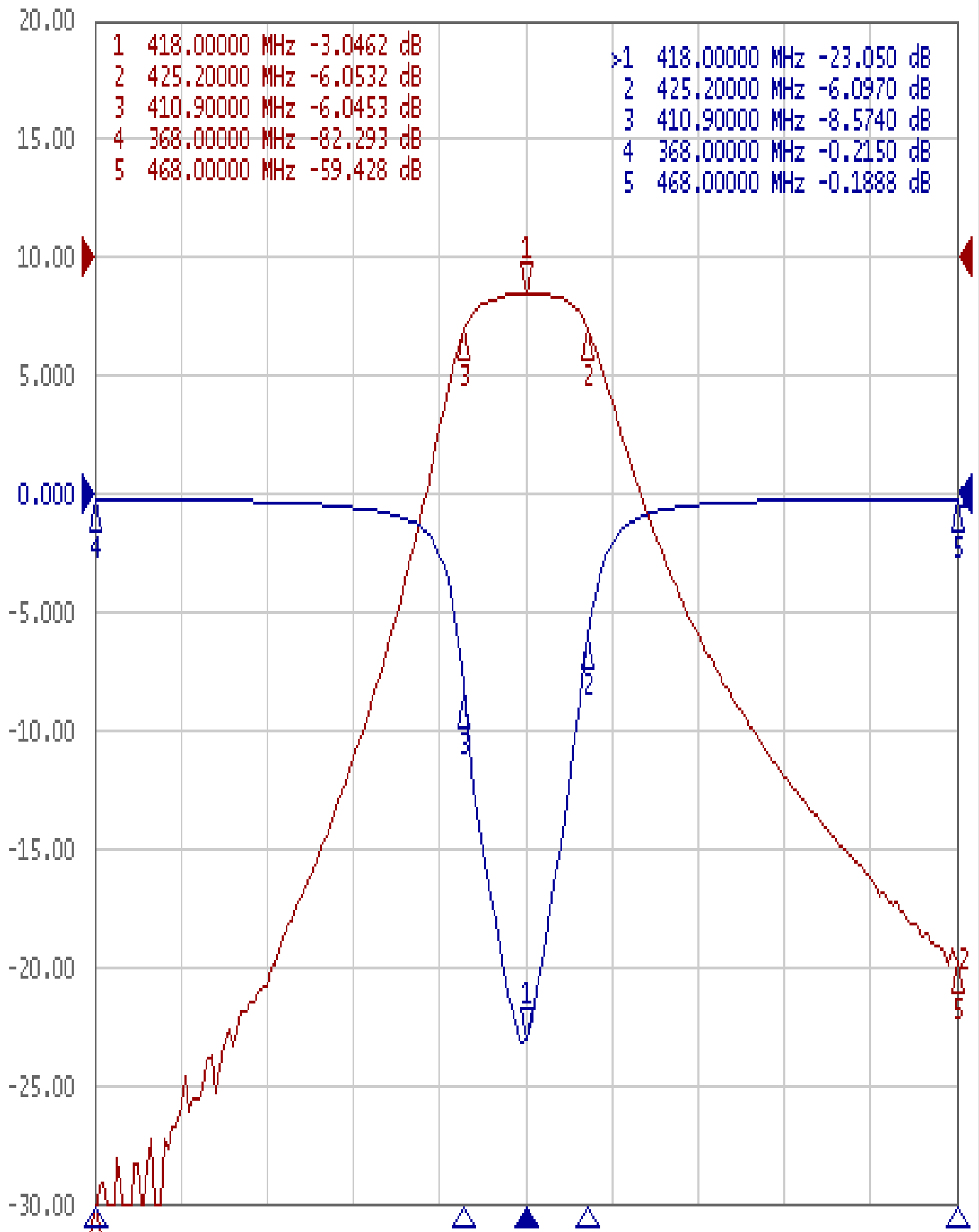


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	W.W.Wang	7H4S(4*6.5)(6.53) 7H046LB4.3 聚 3(J1)
TEMWELL CORPORATION			

Performance-TF69278B-418M

201702042CD

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



1 Center 418 MHz IFBW 70 kHz Span 100 MHz Cor