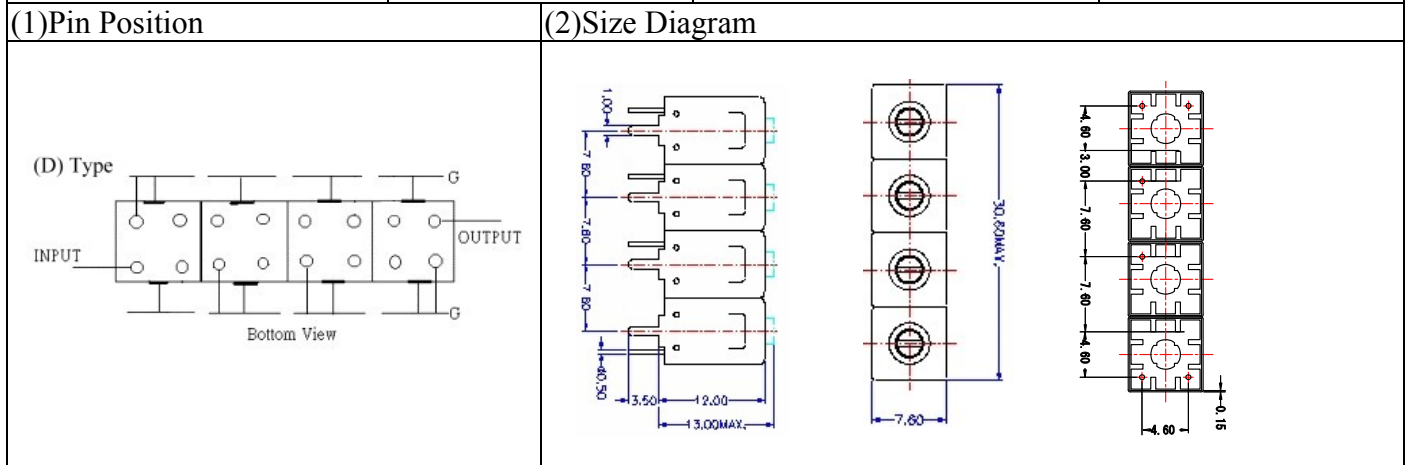


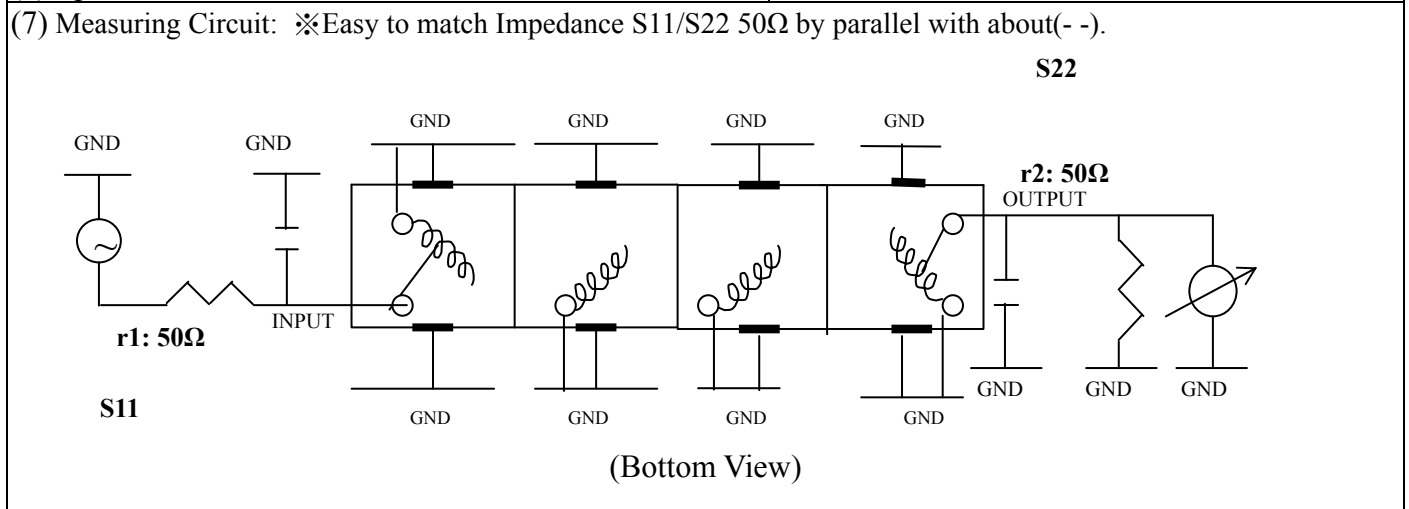
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	TF6955D1-140M
Approval No. /dated	201701072CD	Temwell's Print Name	6955D1 140M
Work Instruction No.	201701072CD	Date	Feb.7.2017



(3) Electric Characteristic					
Item		Specify		Performance	
Center Freq.(Fo) +/- 0.5 %		140	MHz	140	MHz
Insertion Loss		Typ	3.5	dB	3.12
-3 dB Bandwidth		Typ.	5	MHz	8.1
Sensitivity (Attenuation)	Fo - 10 MHz	Typ.	35	dBc	40
	Fo + 10 MHz	Typ.	25	dBc	29
	Fo - ( )MHz	Typ.		dBc	dBc
	Fo +( )MHz	Typ.		dBc	dBc
Return Loss		Min.	12	dB	24.6
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



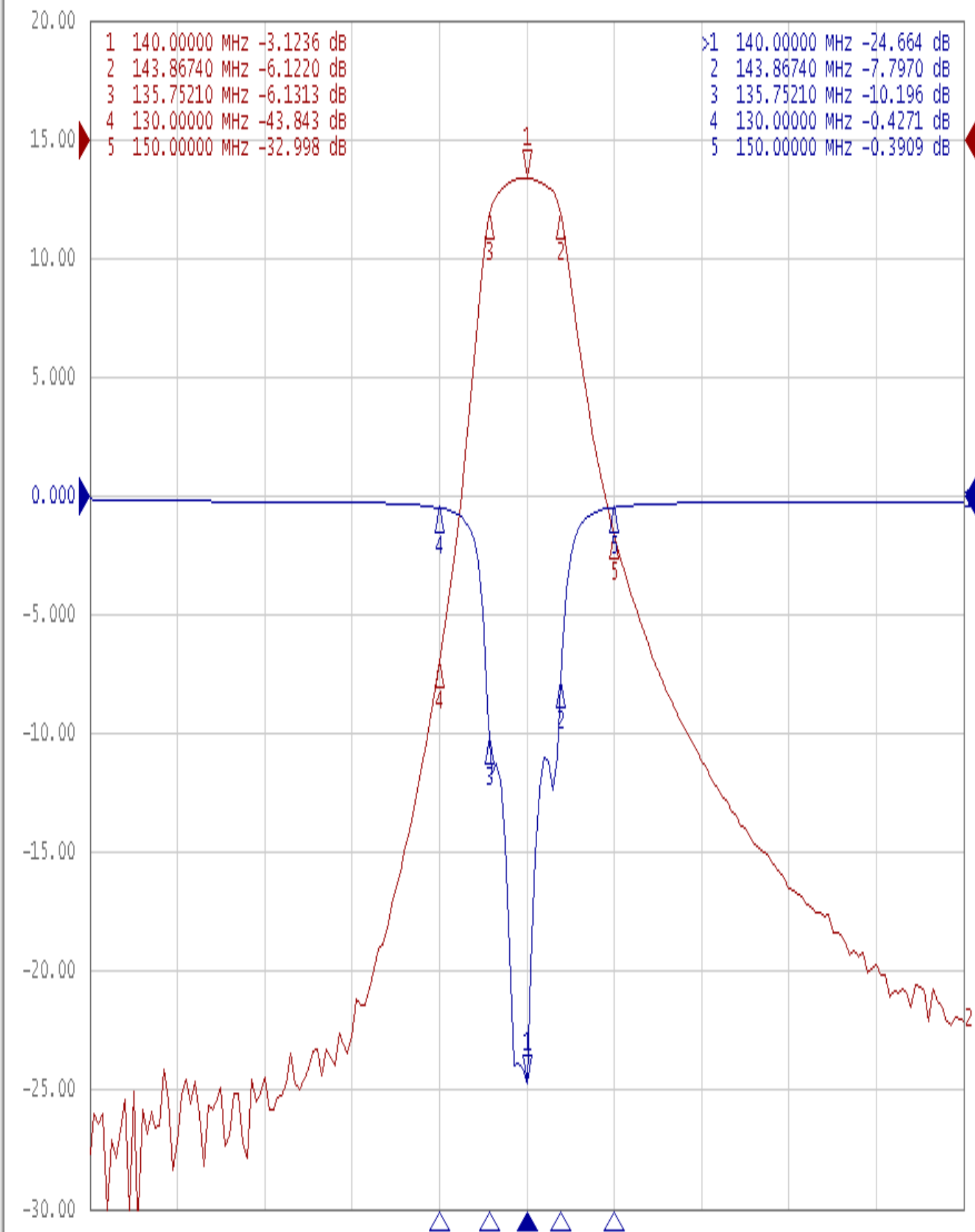
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	7H4S(4*7.35)(7.40) 7H024LB4

TEMWELL CORPORATION

# Performance-TF6955D1-140M

## 201701072CD

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



1 Center 140 MHz

IFBW 10 kHz

Span 100 MHz Cor !