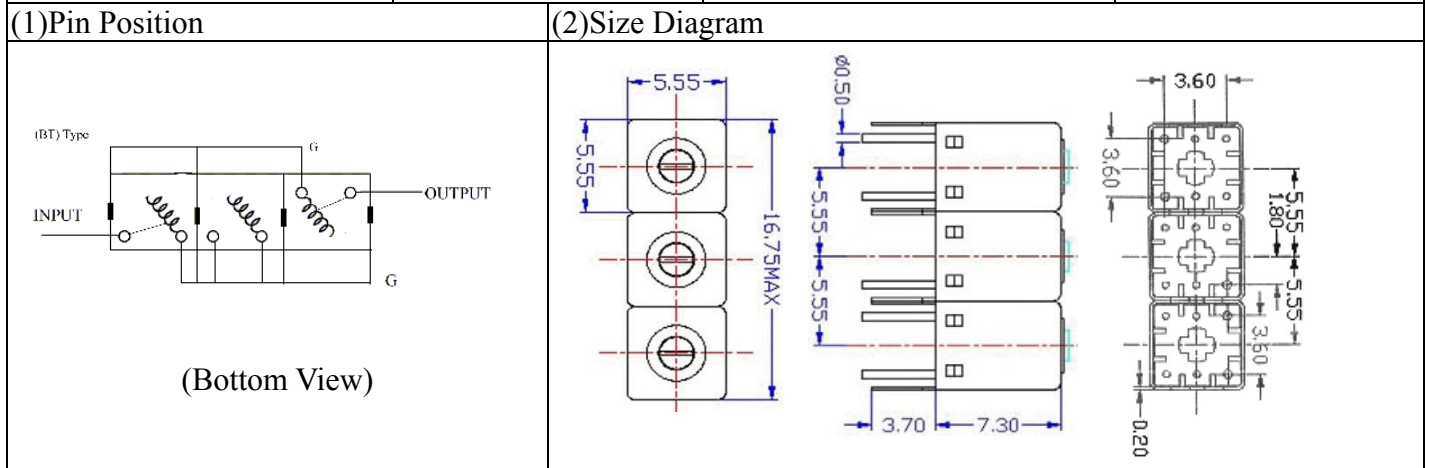


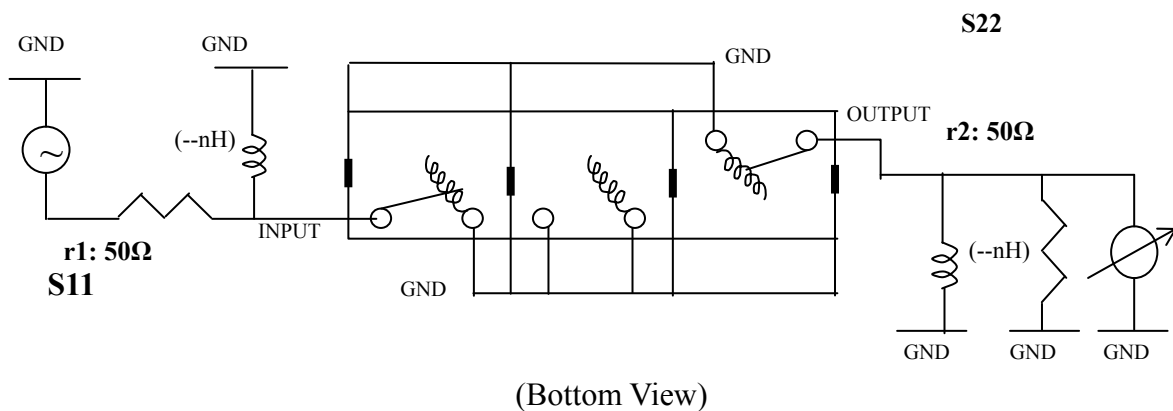
# VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K3RBT-945M-20M
Approval No. /dated	0903056ED	Temwell,s print name	K3RBT 945M
Work Instruction No.	200903056ED	Date	Mar.11.2009



(3) Electric Character			
Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		945 MHz	945 MHz
Insertion Loss		Typ. 4.5 dB	3.47 dB
-3 dB Bandwidth		Typ. 20 MHz	23.1 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 22 dBc	32 dBc
	Fo + 50 MHz	Typ. 18 dBc	27 dBc
	Fo - ( )MHz	Typ. dBc	dBc
	Fo + ( )MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	25.7 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		> 0.5Watt	

(7) Measuring Circuit: ※Easy to match Impedance S11/S22 50Ω by parallel with about( -- nH) / (-- nH).



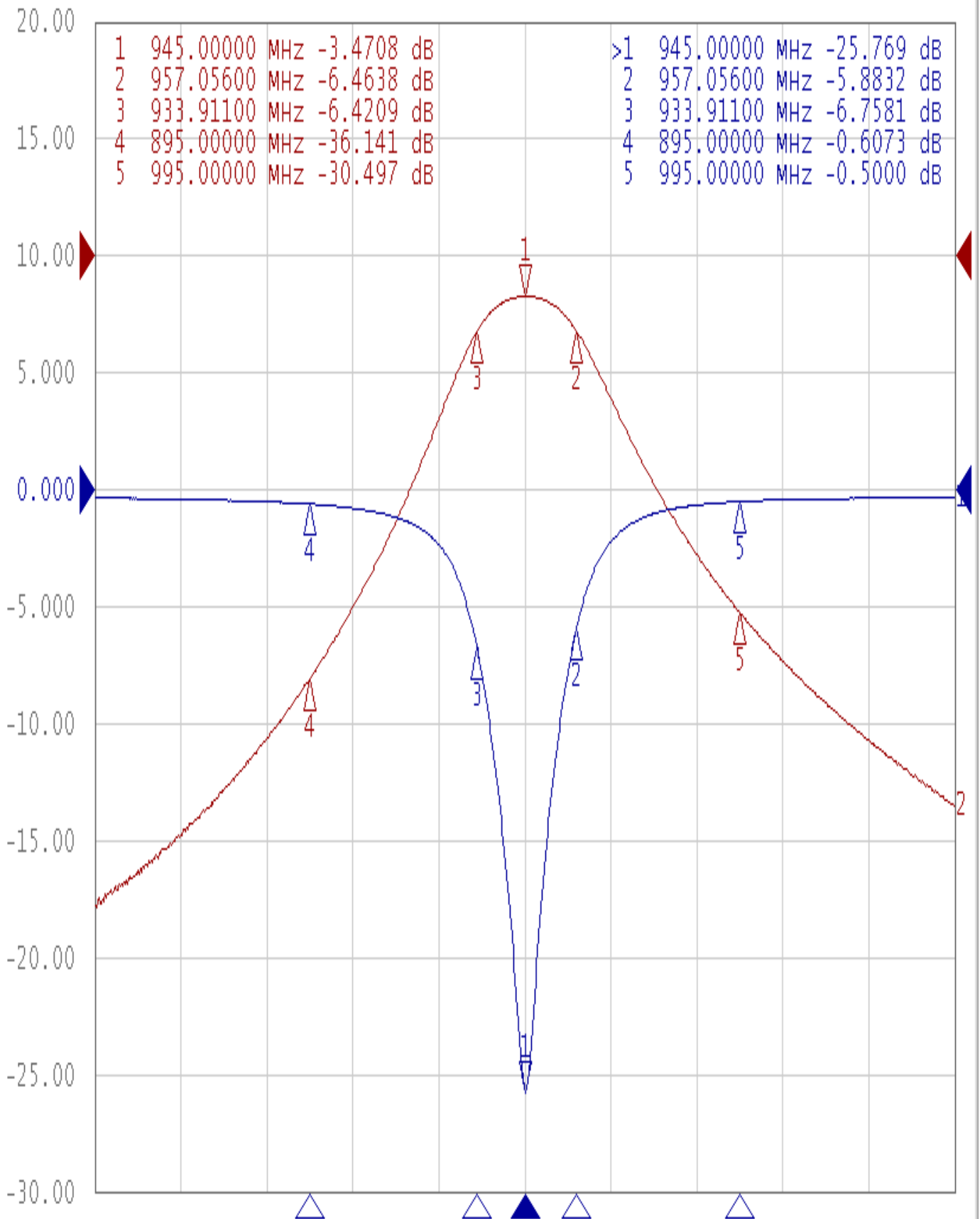
Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	C.S.Chang	5R3S(3.8*3.7)(3.79) 5HW024RB3

TEMWELL CORPORATION

# Performance-K3RBT-945M-20M

200903056ED

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



1 Center 945 MHz

IFBW 10 kHz

Span 200 MHz Cor !