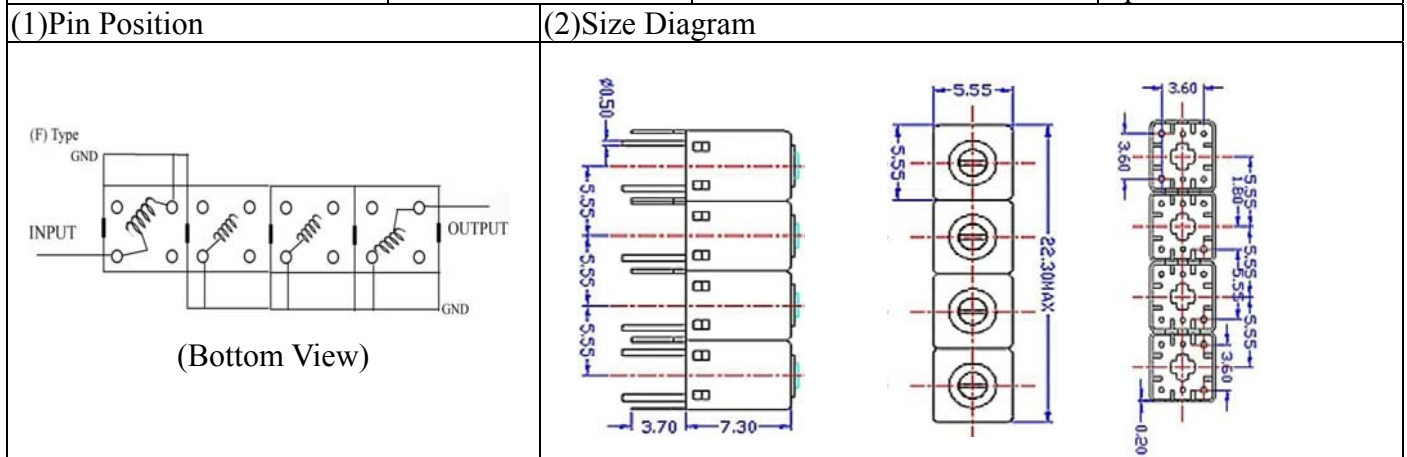


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K4RF-460M-18M
Approval No. /dated	1002045CD	Temwell's Print Name.	K4RF 460M
Work Instruction No.	201002045CD	Date	Apr.09.2010



Item		Specify	Performance
Center Freq.(Fo) +/- 0.5 %		460 MHz	460 MHz
Insertion Loss		Typ. 4.0 dB	3.47 dB
-3 dB Bandwidth		Typ. 18 MHz	21.2 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 53 dBc	61 dBc
	Fo + 50 MHz	Typ. 48 dBc	51 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo +()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	23.8 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω

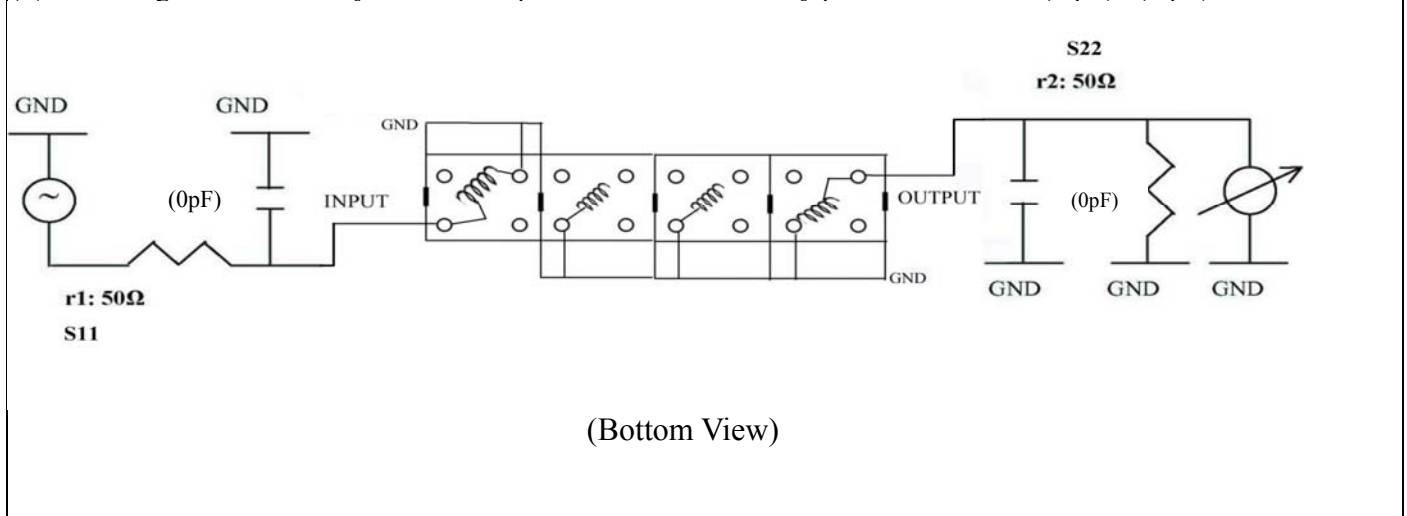
(4) Torque for Tuning Screw > 60gf • cm

(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(0pF) / (0pF).



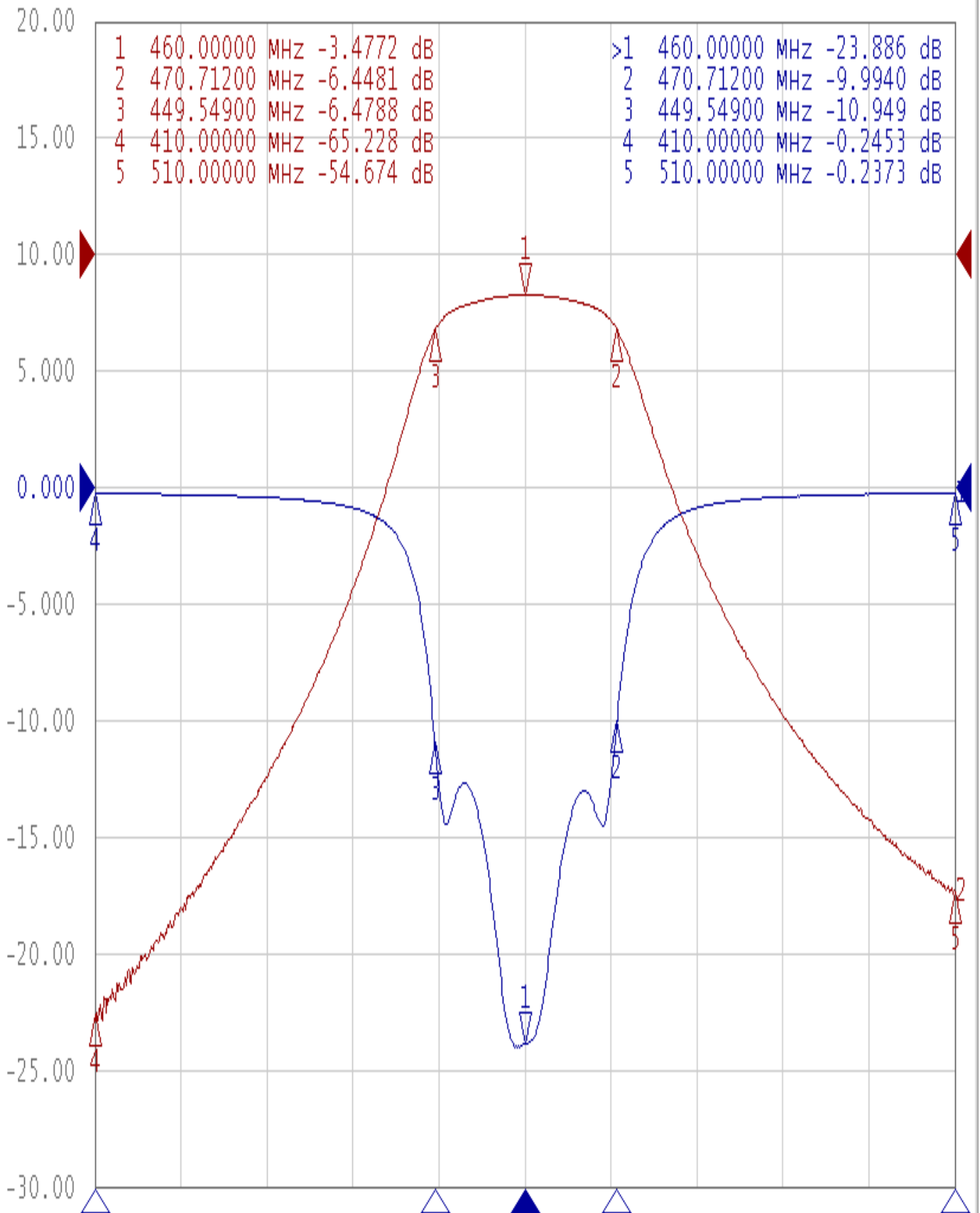
Approval C.Y.Chang	Supervisor C.K.Chang	Designer C.S.Chang	Aperture size 5R4(3.8*4.2)(4.22) 5HW024RB3
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TEMWELL CORPORATION

Performance-K4RF-460M-18M

201002045CD

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



1 Center 460 MHz

IFBW 10 kHz

Span 100 MHz Cor !