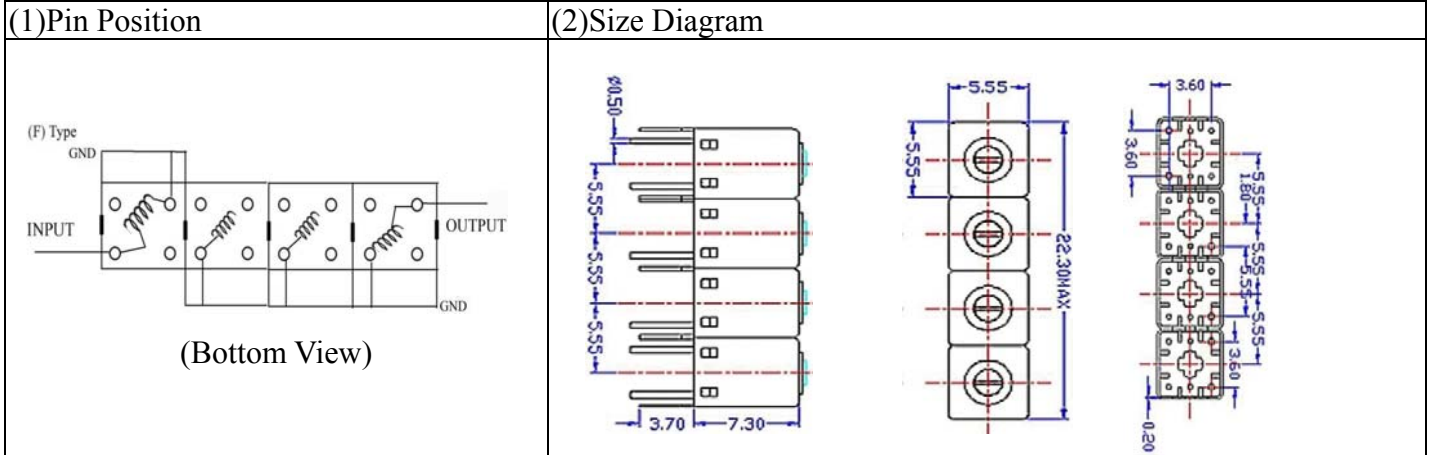


VHF UHF Helical Filter Specification Sheet

Customer Name		Temwell's Part No.	K4RF-480M-18M
Approval No. /dated	0904184CD	Temwell's Print Name.	K4RF 480M
Work Instruction No.	200904184CD	Date	May.05.2009



(3) Electric Chararistic		Specify	Performance
Item			
Center Freq.(Fo) +/- 0.5 %		480 MHz	480 MHz
Insertion Loss		Typ. 4.0 dB	3.23 dB
-3 dB Bandwidth		Typ. 18 MHz	22.1 MHz
Sensitivity (Attenuation)	Fo - 50 MHz	Typ. 54 dBc	57 dBc
	Fo + 50 MHz	Typ. 42 dBc	45 dBc
	Fo - ()MHz	Typ. dBc	dBc
	Fo + ()MHz	Typ. dBc	dBc
Return Loss		Min. 12 dB	26.7 dB
Ripple		< 1 dB	dB
Impedance		In / Out : 50 Ω	In / Out : 50 Ω

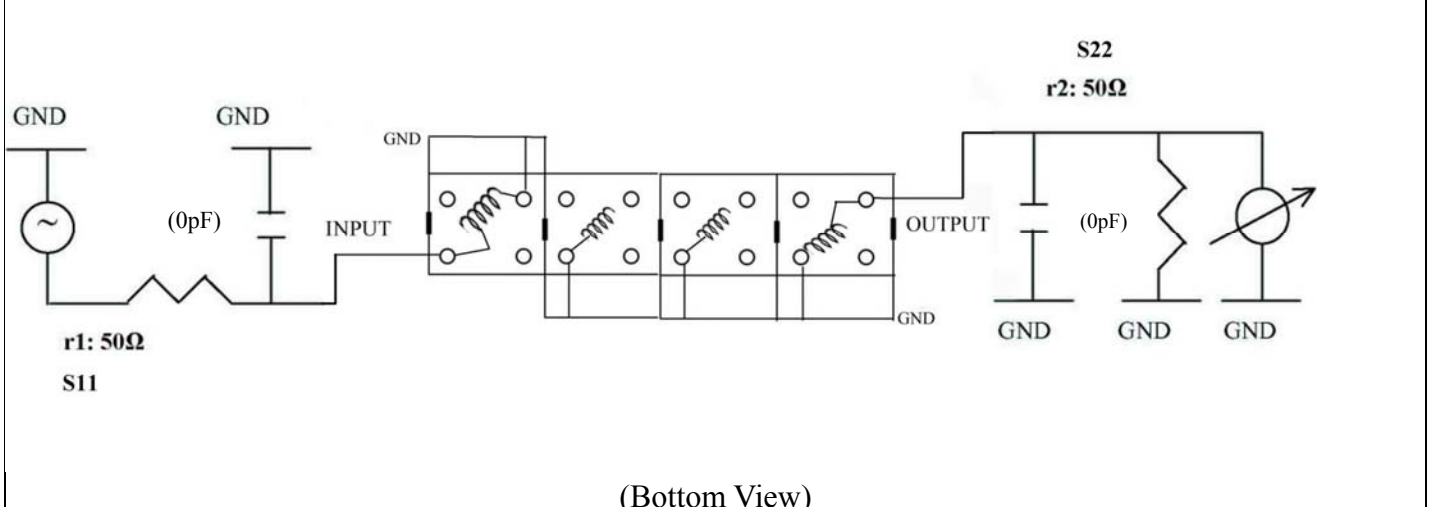
(4) Torque for Tuning Screw > 60gf · cm

(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(0pF) / (0pF).

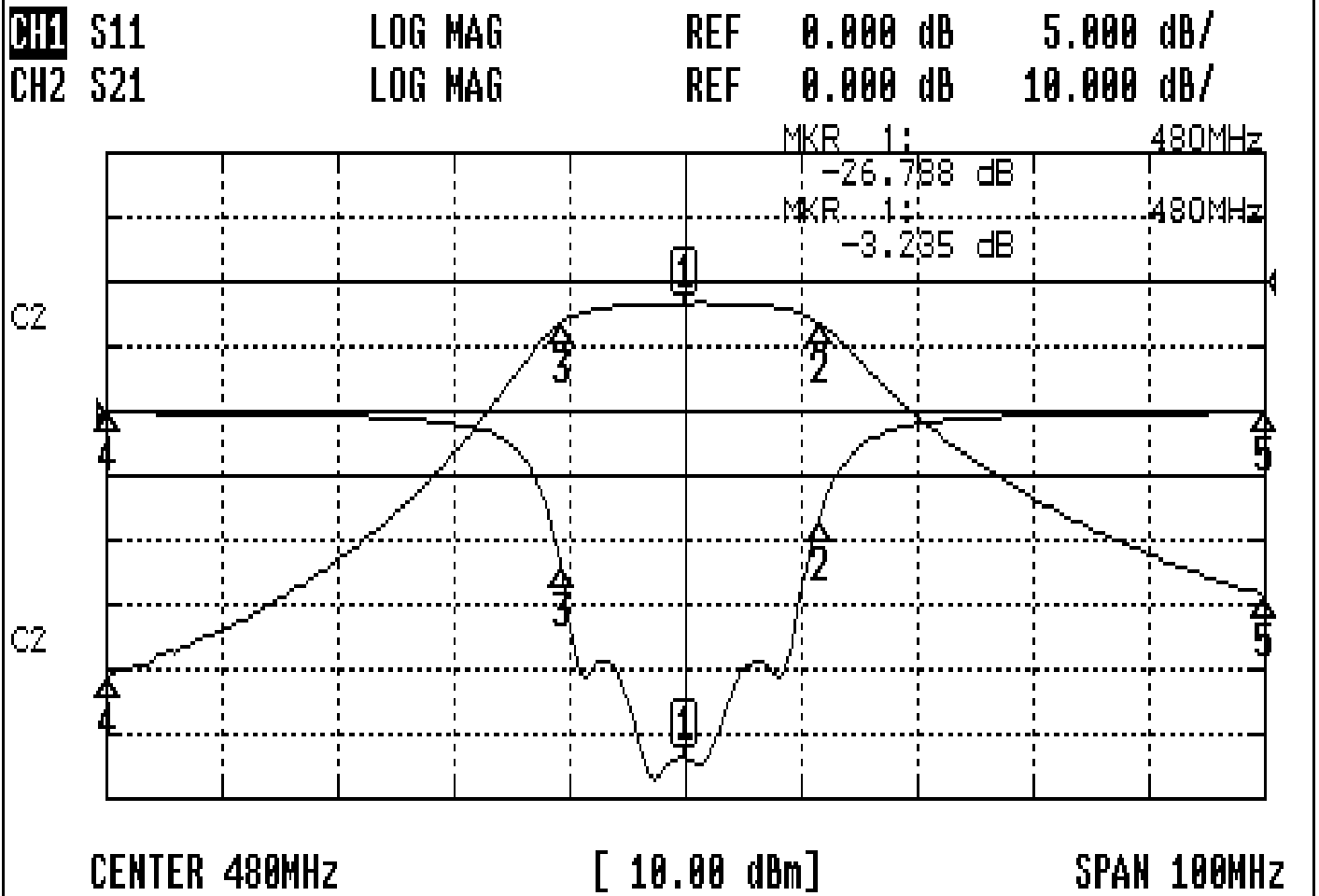


Approval	Supervisor	Designer	Aperture size
C.Y.Chang	C.K.Chang	Y.H.Yeh	5R4(3.8*4.2)(4.24) 5HW024LB3

TEMWELL CORPORATION

Performance-K4RF-480M-18M

200904184CD



CH1 MARKER LIST

1:	480.000MHz	-26.795	dB
2:	491.470MHz	-8.665	dB
3:	469.300MHz	-12.106	dB
4:	430.000MHz	-0.121	dB
5:	530.000MHz	-0.121	dB
6:			
7:			
8:			
9:			
10:			

CH2 MARKER LIST

1:	480.000MHz	-3.235	dB
2:	491.470MHz	-6.241	dB
3:	469.300MHz	-6.259	dB
4:	430.000MHz	-60.456	dB
5:	530.000MHz	-48.623	dB
6:			
7:			
8:			
9:			
10:			